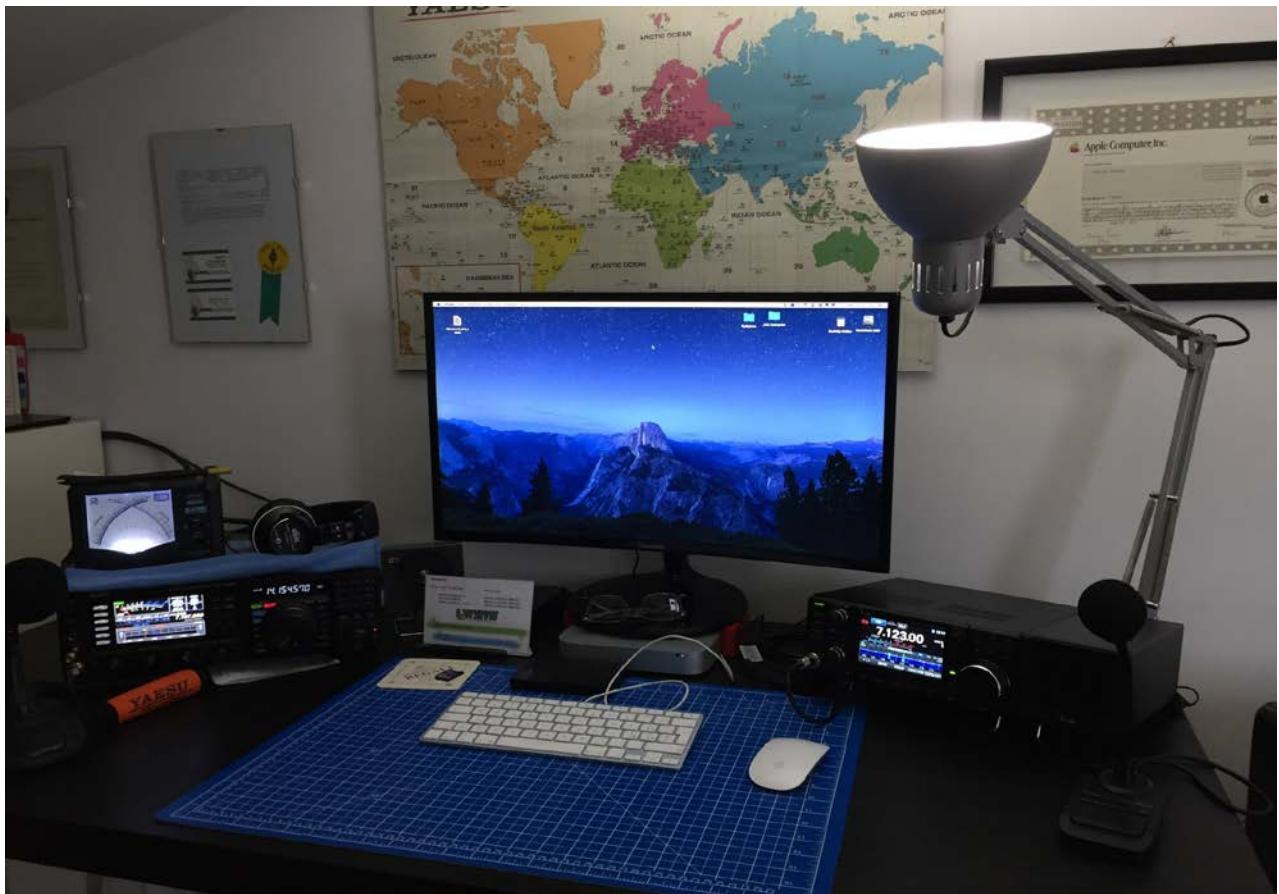


# 2016

## SCANDINAVIAN ACTIVITY CONTEST THE POLAR BATTLE



### Results and Statistics

**SAC is known to be supported by these programs:**

- AALog by RZ4AG <http://www.aalog.com/>
- DXLog.net by 9A5K <http://www.dxlog.net/>
- GEN LOG by W3KM <http://www.qsl.net/w3km/>
- jLog by LA3HM <http://jlog.org/>
- Log4U by SM3CER/SM5NBE <http://www.sk3bg.se/contest/log4u.htm>
- Log4Win by UR5FCM <http://log4win.ucoz.net/>
- Lux-Log by LX1NO <http://luxlog.lx1no.info/>
- N1MM Logger <http://www.n1mm.com/>
- NA by K8CC <http://www.datomonline.com/>
- OH2GI Ham System <http://www.kolumbus.fi/jukka.kallio/>
- RCKLLog by DL4RCK <http://www.rcklog.de/>
- SAC by LAØFX <http://www.qsl.net/la0fx/>
- SD by EI5DI <http://www.ei5di.com/>
- TR by N6TR <http://www.trlog.com/>
- TR4W by UA4WLI <http://tr4w.com/>
- UcxLog by DL7UCX <http://www.ucxlog.org/>
- Win-Test by F5MN <http://www.win-test.com/>
- Wincontest by I8VKB <http://digilander.libero.it/wincontest/>
- WriteLog by W5XD <http://www.writelog.com/>
- RUMPed for Mac  
by DL2RUM - [Info SAC module](#) <http://dl2rum.de/rumsoft/RUMPed.html>

SAC is sponsored by NRAU, Nordic Radio Amateur Union

SAC Committee 2016: SM5AJV - OH6KZP - OZ1BII

Frontpage picture: OX3KQ and XP2i experiencing Northern Light in Greenland 2013

Booklet Layout and Design 2016 by OZ1BII Henning Andresen

# Index

Introduction .....	4
Statistic .....	6
Participants in numbers and Continents from 1999 until 2016.....	8
Nordic Radio Amateur Union .....	8
Plaque winners 2016.....	10
Scandinavia — Regular plaques CW .....	10
Outside Scandinavia — Regular plaques CW .....	10
Scandinavia — Regular plaques SSB .....	11
Outside Scandinavia — Regular plaques SSB.....	11
Sponsored plaque winners 2016 .....	12
Scandinavia — Sponsored plaques:.....	12
Outside Scandinavia — Sponsored plaques: .....	12
Scandinavian Cup results .....	13
Total scores for the Scandinavian countries. ....	13
SAC Records - SCANDINAVIA .....	14
CW.....	14
SSB .....	14
SAC Records - AFRICA .....	14
CW.....	14
SSB .....	14
SAC Records - EUROPE.....	15
CW.....	15
SSB .....	15
SAC Records - NORTH AMERICA .....	15
CW.....	15
SSB .....	15
SAC Records - SOUTH AMERICA.....	16
CW.....	16
SSB .....	16
SAC Records - OCEANIA .....	16
CW.....	16
SSB .....	16
Results SAC CW 2016 .....	18
SCANDINAVIA.....	19
AFRICA.....	28
ASIA .....	28
EUROPE .....	32
NORTH AMERICA .....	46
OCEANIA .....	49
SOUTH AMERICA .....	49
Results SAC SSB 2016 .....	51
SCANDINAVIA.....	51
AFRICA .....	61
ASIA .....	61
EUROPE .....	63
NORTH AMERICA .....	73
OCEANIA .....	74
SOUTH AMERICA .....	75

# Introduction

SAC is a regional contest and we feel that regional contests are important for fostering new contestants. They are also an arena for competing with other participants who have almost equal propagation. When looking at the number of participants we can see that SAC steadily has a large interest both within and outside Scandinavia. CW seems to be the favorite mode, despite the declining number of CW operators in the ham community.

This year the number of QSO's in SAC went up compared to 2015, but we are still suffering from low solar activity. This year, only 234 QSO's were made on 10 meters when counting the totals for both CW and SSB. In 2015 the number was almost 1.600 and in 2014 it was 2.700.

We are very grateful for all the participants from outside Scandinavia, it's you who make SAC so great and enjoyable! Thanks for joining our "Polar Battle"!

Several records were broken this year, especially in the newly introduced operator categories. We congratulate all winners and record breakers! The winners will get the SAC plaque in the mail shortly.

This year, we had to disqualify HA3MY on both CW and SSB, due to excessive self-spotting on the DX Cluster.

Thanks to all generous people all over the world, we have a large "Sponsored Plaque Program", which has become very popular. We will hand out almost 40 sponsored plaques this year. The plaque program is always open for introducing new types of plaques, so please email us if you have any new idea for a plaque.

In 2016 the SAC Contest Committees work was slowed down a bit. Both Ingo, SM5AJV and Kim, OH6KZP were busy trying to qualify for the WRTC2018 and Henning, OZ1BII had to suspend his duties in the CC for a couple of months, due to personal reasons. But we are happy to welcome Henning back, already in late December and for 2017. Henning has, by the way, taken care of editing this booklet – Thank you Henning! Kim OH6KZP will finish his turn in the SAC CC during 2017 and I would like to express my deepest thanks for all the valuable and hard work you have done Kim during the years! Rumors are telling us that Finland will replace Kim with a very seasoned competitor. We are still lacking a Norwegian representative in the contest committee. We certainly hope the Norwegian seat will be taken this year.

Finally I would like to thank all story and photo contributors. Without you, this booklet would have been very boring.

Enjoy the booklet and see you in SAC 2017  
CW: 16-17 September and SSB: 14-15 October

73  
Ingo SM5AJV  
SAC CC Teamleader



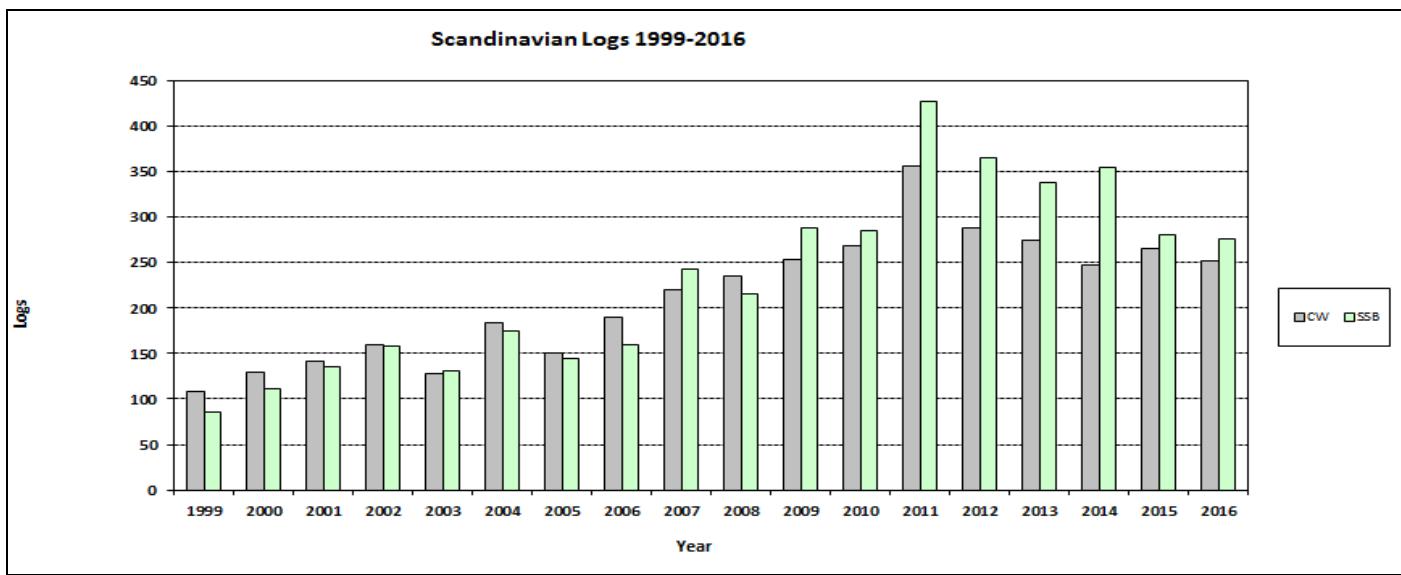
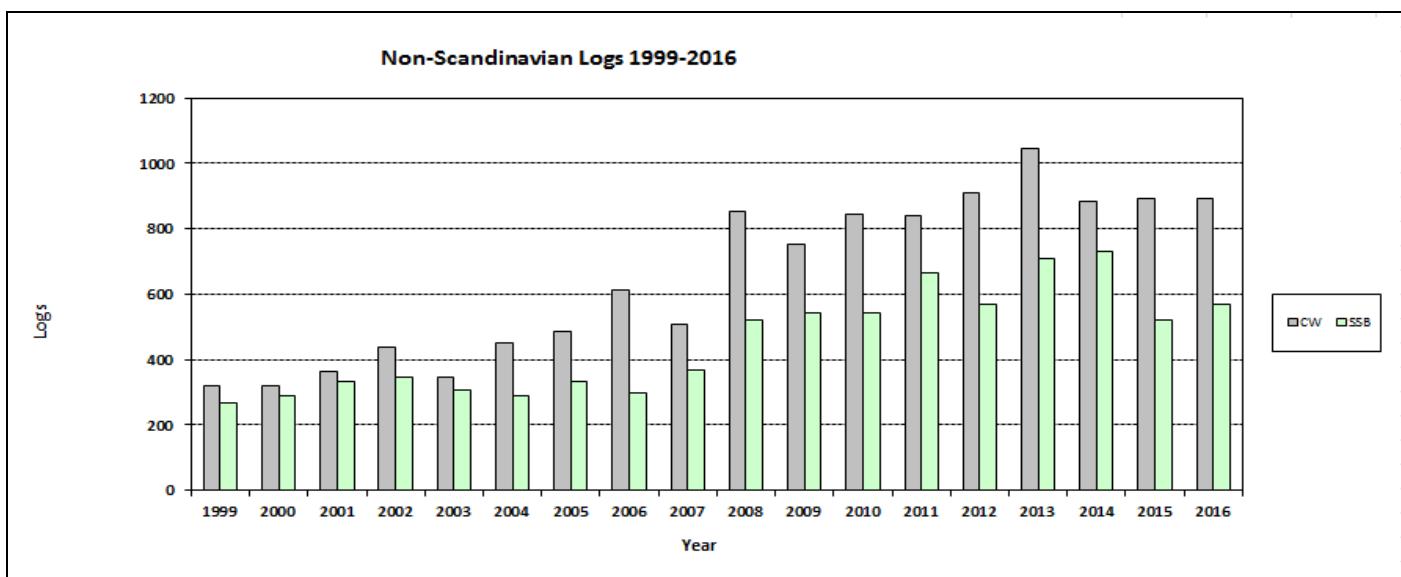
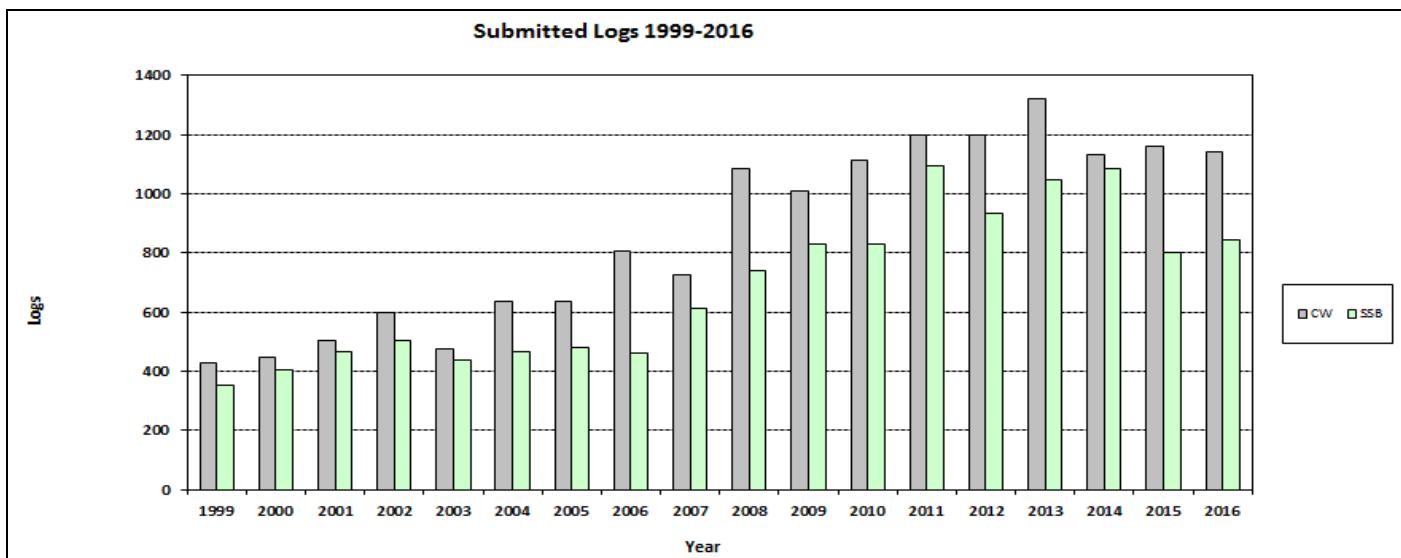
Antennas at HA3DX



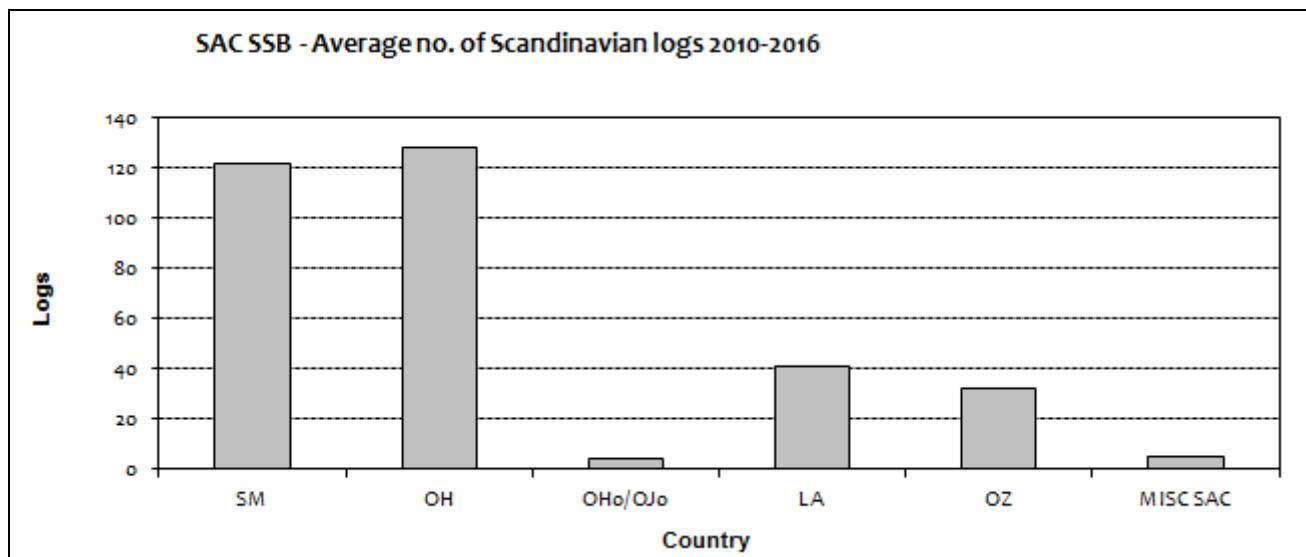
Antennas at HA7TM

# Statistic

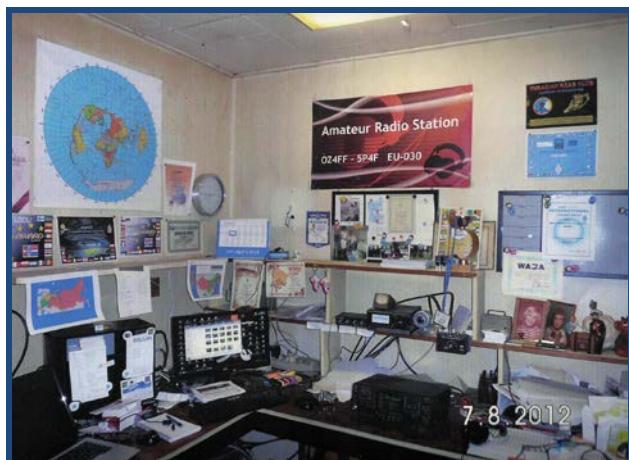
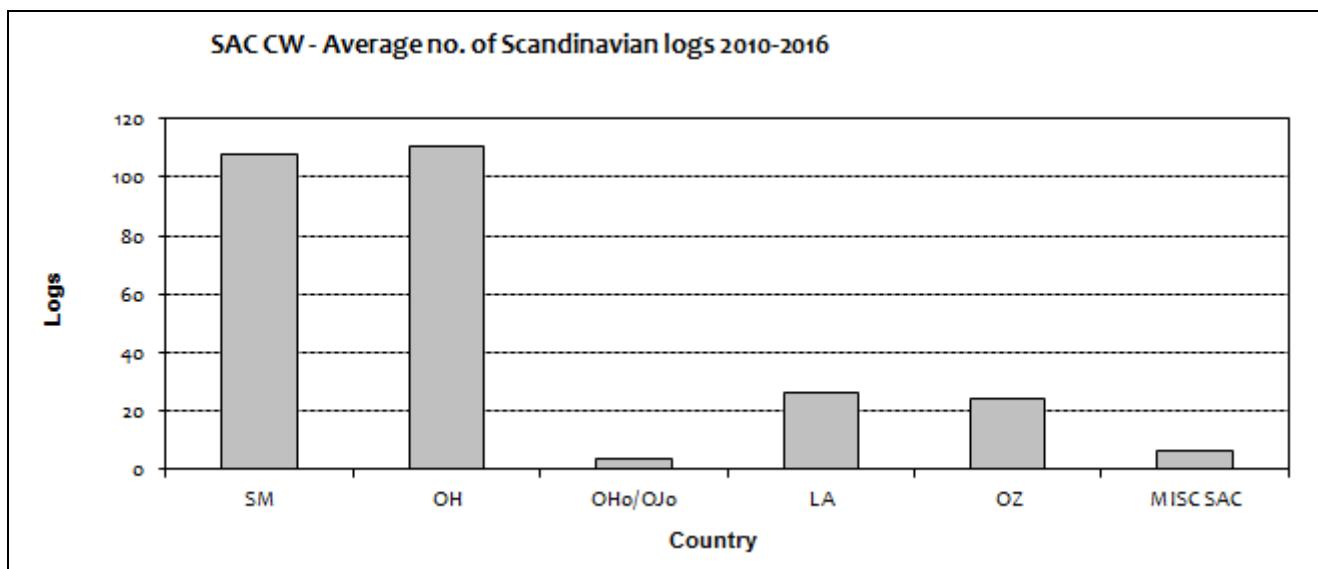
Some statistical graphs telling participation true the last 17 years.



## SSB



## CW



OZ4FF schack



Operators at HA7TM

## Participants in numbers and Continents from 1999 until 2016

Year	CW				SSB			
	SAC	EU	DX	Total	SAC	EU	DX	Total
1999	108	215	104	427	85	144	125	354
2000	130	207	112	449	112	170	121	403
2001	142	257	106	505	136	185	147	468
2002	160	271	165	596	158	209	138	505
2003	128	244	103	475	131	196	109	436
2004	184	321	132	637	175	205	84	464
2005	150	382	105	637	144	232	103	479
2006	190	408	206	804	159	214	86	459
2007	220	365	141	726	243	270	98	611
2008	235	656	196	1087	216	388	134	738
2009	253	534	221	1008	288	369	174	831
2010	269	608	238	1115	286	390	155	831
2011	356	589	253	1198	428	421	243	1092
2012	288	625	284	1197	365	454	114	933
2013	274	717	329	1320	338	460	248	1046
2014	248	612	273	1133	355	525	207	1087
2015	265	670	223	1158	281	423	97	801
2016	252	648	244	1144	276	434	134	844



### Nordic Radio Amateur Union

All the Nordic countries have their own national Amateur Radio organization. More of the countries have similar languages making both general understanding and cultural understanding across the borders much easier. Additionally, they also have common interests and goals regarding Amateur Radio as such.

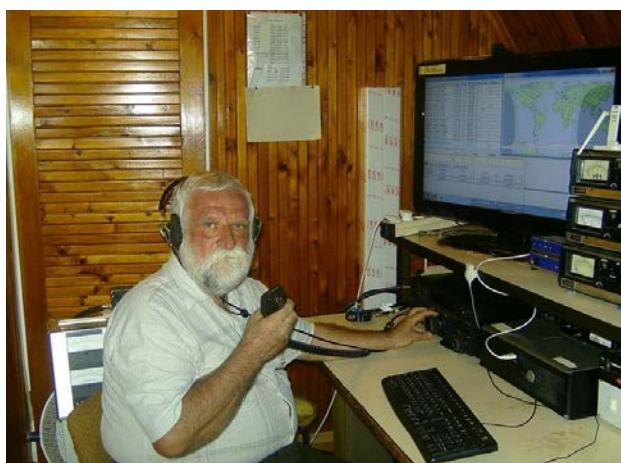
These are just some of the reasons why the organizations joined their forces in establishing a Nordic amateur radio community named the "Nordic Radio Amateur Union" (**NRAU**).

NRAU is a Nordic organization composed of individual national organization. NRAU's aim is to coordinate radio amateur activities, and to work towards a common solution for the Nordic countries.

NRAU holds a meeting ahead of every IARU conference, where all proposed agenda items are duly discussed in the attempt to reach a mutual Nordic understanding and agreement, when possible.

NRAU is the sponsor of the Scandinavian Activity Contest.

# HA4XH



Hi

Herewith please find enclosed some fotos.

I am very pleased to get a plaque in category Single operator Assisted All band High Power Europe.

I have operated from our clubstation ASE RSC HA3DX at Paks (JN96JO).

Antennas : 5 el monobander Long John Yagis for 28-21-14MHz/ Bisquare antennas 3pcs for 14MHz (NW-SE/W-E/SW-NE)/ 4el Slovenian Quad for 28-21-14MHz / Lazy-H antennas for 7 MHz (NW-SE/SW-NE) / NVIS (N/S)and Delta loops (SW-NE)/NW/SE/for 3,5MHz / Delta loops for 1.8-Mhz (NW-SE/SW-NE) / K9AY

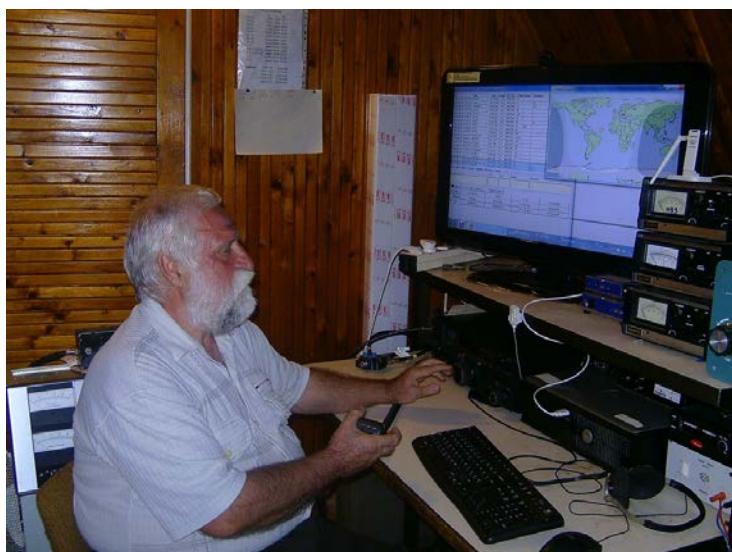
I think it would be good idea the introduction of 160m in SAC as new band. In the coming low solar activity years it could be new important band.

- 80mts high noise level.
- 40mts big signals at Sunday morning but low activity
- 20mts booming signals.
- On 21 Mhz all 39 QSO's were made skewed path beaming 260 degrees.
- On 10mts only very weak signals randomly.

Thanks for nice contest.

73's es GL & HNY!

**Charlie HA4XH**



# Plaque winners 2016

## Scandinavia — Regular plaques CW

SO All band High power	Mikael Larsmark, SM2WMV (op. SJ2W)
SO All band Low power	Svein Bergstøl, LA3BO (op. LA3S)
SO All band QRP	Jukka Klemola, OH6LI
SO Assisted All band High power	Timo Pohjola, OH1TM (op. OH1F)
SO Assisted All band Low power	Panu Vallius, OH7CW
SO Assisted All band QRP	Mikael Karlsson, SM0LPO (op. SB0A)
SO All band Low/QRP power Rookie	Niko Vanhatalo, OH5CZ
SO All band High power Tribander/Single-element	Christian Quale, LA8OM
SO All band Low/QRP power Tribander/Single-element	Jouko Häyrynen, OH1RX
SO All band High power Wire-only	Jyrki Nieminen, OH6CS (op. OH6AC)
SO All band Low/QRP power Wire-only	Jan-Eric Rehn, SM3CER (op. SF3A)
MO Single transmitter	Ville Lintervo OH1JD, Jaakko Tuominen OH1TX, Ville Hiilesmaa OH2MM (op. OH1TX)
MO Multi transmitter	n/a

## Outside Scandinavia — Regular plaques CW

SO All band Low Power Africa	Felix Pardilla Gonzalez, EA8AVK
SO All band High Power Asia	Vladimir Falshunov, UA9KAA (op. R8WF)
SO Assisted All band High Power Asia	Sergei Rebrov, UT5UDX (op. P3X)
SO Assisted Low band High Power Asia	Prasad Rajagopal, VU2PTT
MO Single Transmitter Asia	R0AK
SO All band High Power Europe	Tomislav Polak, 9A2AJ
SO Assisted All band High Power Europe	Jo Pukhlik, UT5UJO (op. UT4U)
SO Assisted Low band High Power Europe	Victor Zagaynov, RU4SO (op. UA4S)
MO Single Transmitter Europe	HG7T
SO All band High Power North America	Don Karvonen, K8MFO
SO Assisted All band High Power North America	Dave Sumner, K1ZZ
SO Assisted Low band High Power North America	Allen Singer, N2KW (op. AA2A @K1TTT)
MO Single Transmitter North America	William Spickler N0KQ, William Haddon N6ZFO (op. N0KQ)
SO All band High Power South America	Thomas Carlsson, PY2ZXU (op. PW2D)
SO Assisted All band High Power South America	Alexey Ogorodov, HC2AO
SO Assisted Low band High Power South America	Jorge Diez, CX6VM
SO All band High Power Oceania	Frank Hunt, ZM2B
SO Assisted All band High Power Oceania	Mawan Darmawan, YC1ME
SO Assisted Low band High Power Oceania	Gary Hinson, ZL2IFB (op. ZM4G)

## Scandinavia — Regular plaques SSB

SO All band High power	Kim Östman, OH6KZP (op. OH2BH)
SO All band Low power	Svein Bergstøl , LA3BO (op. LA3S)
SO All band QRP	Markku Koskineni, SM3LDP (op. 8S3DX)
SO Assisted All band High power	Kari Korhonen, OH5TS
SO Assisted All band Low power	Jan Erik Thomte, LA1DSA
SO Assisted All band QRP	Mikko Vayrynen, OH8EJW
SO All band High power Rookie	n/a
SO All band Low/QRP power Rookie	Elias Viitanen, OH1XFE
SO All band High power Tribander/Single-element	Claes Carneheim, SM0MPV(op. 8S0C)
SO All band Low/QRP power Tribander/Single-element	Suonpää Jukka,OH3JP
SO All band High power Wire-only	Lars Dahlgren SM4DQE (op. SE4E)
SO All band Low/QRP power Wire-only	Jan-Eric Rehn, SM3CER (op. SF3A)
MO Single transmitter	OH2BH, OH2MM, OH8NC (op. OH0B)
MO Multi transmitter	OG9X, OH5CZ, OH5KS, OH5LF, OH5NQ, OH6XX (op. OH5Z)

## Outside Scandinavia — Regular plaques SSB

SO All band High Power Africa	Kari Hirvonen, OH2BP (op. EA8DED)
SO All band High Power Asia	Vladimir Falshunov, R8WF
SO Assisted All band High Power Asia	Sergey S. Rebrov, 5B4AMM (op. P3X)
MO Single transmitter Asia	Romeo V. Eltsov RW9C
SO All band High Power Europe	Mats Strandberg, SM6LRR (op. RM5A)
SO Assisted All band High Power Europe	Károly Nyemcsek, HA4XH
SO Assisted Low band High Power Europe	Rimgaudas Almonaitis, LY3BB
MO Single transmitter Europe	IT9SSI, IT9UFP, IT9YVO (op.at IT9YVO)
SO All band High Power North America	Fred Laun, K3ZO
SO Assisted All band High Power North America	Gus Samuelson, VO1MP
SO All band High Power Oceania	Vector Aliendry, YB5BOY
SO Assisted All band High Power Oceania	Lee Moyle, VK3GK
SO All band High Power South America	Thomas Carlsson, PY2ZXU
SO All Assisted band High Power South America	Steve Telenius-Lowe, PJ4DX



F6DRP



Kangerlussuaq OX



JA7ACM

# Sponsored plaque winners 2016

## Scandinavia — Sponsored plaques:

CW + SSB: Best YL/XYL	Ulla Normén, SM3LIV (op. SI3A) (Sponsor: Ulf Melin, SB3W)
CW + SSB: Best SOAB HP Unassisted Sweden	Mikael Larsmark, SM2WMV (op. SJ2W) (Sponsor: Tord, SM3EVR)
CW + SSB: Most multipliers	Kim Östman, OH6KZP (at. OH2BH) (Sponsor: Anders, SM6CNN)
CW: Best young operator (under 25)	Niko Vanhatalo, OH5CZ (Sponsor: Mika Liimatainen, OH6NVC)
CW: Best accuracy (> 300 QSOs)	Jan-Eric Rehn, SM3CER (op. SF3A) (Sponsor: Henning, OZ1BII)
CW: Highest Scoring Multi Operator Remote	n/a (Sponsor: Thorvaldur Stefansson, TF4M)
CW: SOAB HP Unassisted Sweden	Mikael Larsmark, SM2WMV (op. SJ2W) (Sponsor: Mikael, SJ2W)
CW: Best Low Power Single Wire	Jan-Eric Rehn, SM3CER (op. SF3A) (Sponsor: Kenneth, OZ1BIZ)
CW: Best Sunday score, 00–12 UTC	Pertti Simovaara, OH2PM (op. OH0R) (Sponsor: Peter, SM2CEW)
SSB: Best accuracy (> 300 QSOs)	Jan Erik Thomte, LA1DSA (Sponsor: Martti Laine, OH2BH)
SSB: SOAB HP Unassisted Sweden	Håkan Eriksson, SM5AQD (op. SG8X) (Sponsor: Mikael, SJ2W)
SSB: Highest Scoring MO Remote	SM0SHG, SA0BVX (op. SD4C) (Sponsor: Thorvaldur, TF4M)

## Outside Scandinavia — Sponsored plaques:

Worked most LA	Jiri Cernoch, OK2MBP (Sponsor: Morten Kvernmoen, LB8DC)
Worked most OH	Stefan Getzov, LZ2PS (Sponsor: Kim Östman, OH6KZP)
Worked most OZ	Boris Beznosko, EU6DX (Sponsor: Thomas Andersen, OZ1AA)
Worked most SM	Vladimir Falshunov, R8WF (Sponsor: Kurt Brännäs, SE2T)
Worked most TF	Donald A Karvonen, K8MFO (Sponsor: Thorvaldur, TF4M)
Best YL/XYL	Helga Ferrante, IN3FHE (Sponsor: Veijo Kontas, OH6KN)
Best AF	Kari Hirvonen, EA8DED (Sponsor: Jari Talkara, OH1BOI)
Best NA	David G Sumner, K1ZZ (Sponsor: Hans Johansson, SM0IMJ)
Best SA	Thomas Carlsson, PY2ZXU (Sponsor: Tomas Vikman, SC3A)
Best Baltic	Albinas Staraitis, LY2MM (Sponsor: Jyrki Nieminen, OH6CS)
Best Baltic Low Band	Rimgaudas Almonaitis, LY3BB (Sponsor: Mats, SM6LRR)
Best UK + Republic of Ireland	Juozas Piepalius, EI3KI (Sponsor: Olof Lundberg, G0CKV)
Best European Russia	Mikhail A. Sorokin, RN6A (Sponsor: Anton Teterin, OG2K)
Best Asiatic Russia	Yuri Kurinyi, RG9A (Sponsor: Kurt Brännäs, SE2T)
Most multipliers	Sergey Rebrov, UT5UDX (op. P3X) (Sponsor: Anders, SM6CNN)
CW: Best BY	n/a (Sponsor: Mats Ericson, SM4EPR)
CW: Best JA	Ken Murakami, JA7ACM (Sponsor: Jari Perkiölä, OH6BG)
CW: Best accuracy (>200 QSOs)	Wladyslaw Wdowczyk, SP1AEN (Sponsor: Svein Bergstøl, LA3BO)
CW: Best QRP outside EU (>150 QSOs)	Sergej Zuevich, RA0AY (Sponsor: Juha Cederlund, OH3RF)
CW: Best HS	Bob Kupps, HS0ZIA (Sponsor: Markku Korhonen, OH8UV)
CW: Best Sunday score, 00–12 UTC	Konstantin Vakhonin, RU4SS (Sponsor: Peter Sundberg, SM2CEW)
SSB: Best BY	Huang Jian Peng, BD7IS (Sponsor: Esa Korhonen, OH7WV)
SSB: Best JA	Tsutomu Fukunaga, JH5MXB (Sponsor: Kari Viitämäki, OH6FSG)
SSB: Best accuracy (>200 QSOs)	Holger Wendt, DL7SP (Sponsor: Martti Laine, OH2BH)
SSB: Best HS	Ralph Browne, HS0ZHC (Sponsor: Markku Korhonen, OH8UV)

# Scandinavian Cup results

Total scores for the Scandinavian countries.

#	COUNTRY	CW LOGS	CW SCORE	SSB LOGS	SSB SCORE	TOTAL LOGS	TOTAL SCORE
1	OH - FINLAND	93	20.095.209	109	9.087.754	202	<b>29.182.963</b>
2	SM - SWEDEN	90	16.380.459	91	5.139.151	181	<b>21.519.610</b>
3	LA - NORWAY	25	4.520.694	33	1.511.700	58	<b>6.032.394</b>
4	OZ - DENMARK	34	3.702.016	33	1.487.468	67	<b>5.189.484</b>
5	OH0 - ALAND ISLANDS	2	2.212.536	2	702.507	4	<b>2.915.043</b>
6	TF - ICELAND	2	911.412	5	307.061	7	<b>1.218.473</b>
7	JW - SVALBARD	1	230.208	0	0	1	<b>230.208</b>
8	OX - GREENLAND	1	23.436	2	17.544	3	<b>40.980</b>
9	OY - FAROE ISLANDS	1	3.920	0	0	1	<b>3.920</b>



CW Contest aspirant ;o)

# SAC Records - SCANDINAVIA

Year 1999 to 2016

## CW

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR
HIGH	OH0V	2014	2519	1.642.630	OH6LI
LOW	OH0V	2013	1872	853.450	OH6LI
QRP	OH3BU	2002	661	184.125	

### Single Operator Assisted All Band

HIGH	OH1F	2016	1998	1.058.940	OH1TM
LOW	SG5W	2014	1348	589.632	SM5IMO
QRP	SB0A	2016	685	144.045	SM0LPO

### Single Operator TB-Wires

HIGH	LA8OM	2016	1828	797.580	LA8OM
LOW	OH1RX	2013	1433	530.491	OH1RX

### Single Operator Rookie

HIGH	OH5CZ	2016	1354	485.376	OH5CZ
LOW	OH5CZ	2015	803	214.326	OH5CZ

### Single Operator WIRE-ONLY

HIGH	OH6AC	2016	1349	481.140	OH6CS
LOW	OU2I	2015	885	262.200	OZ1BII

### Single Operator Single Band

80M	8S0DX	2016	616	66.300	SM0DSG
40M	OH7N	2010	1120	182.140	OH7MA
20M	OH8L	2016	1240	246.640	OH8LQ
15M	OH6AC	2002	1074	208.362	OH6CS
10M	OH5BM	2002	635	105.930	

### Multi Operator

MULTI- ONE	OH1F	2002	2174	1.532.416	OH1MDR OH1MM OH1NOA
MULTI- MULTI	SK3W	2002	3871	3.221.298	SM0GNU SM0OEK SM3EVR SM3OSM SM3SGP SM5IMO

## SSB

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR
HIGH	OH0B	1999	2777	2.227.104	OH2BH
LOW	OH4R	2002	1373	753.940	OH4JFN
QRP	LA1DSA	2014	236	41.832	LA1DSA

### Single Operator Assisted All Band

HIGH	OH5BM	2014	1558	822.390	OH5BM
LOW	SE5S	2014	619	202.168	SE5S
QRP	SM0FPR	2014	99	11.275	SM0FPR

### Single Operator TB-Wires

HIGH	8S0C	2016	659	199.980	SM0MPV
LOW	OH3JP	2014	818	291.496	OH3JP

### Single Operator Rookie

HIGH	LA8FTA	2015	166	17.755	LA8FTA
LOW	OH6ECM	2013	627	175.182	OH6ECM

### Single Operator WIRE-ONLY

HIGH	SE4E	2016	498	124.775	SM4DQE
LOW	SF3A	2016	489	83.430	SM3CER

### Single Operator Single Band

80M	OH6RX	2008	551	58.242	
40M	OH0JFP	2009	1154	160.064	SM0TQX
20M	OH4A	2002	1827	384.809	OH6LI
15M	OH5BM	2000	1573	380.424	
10M	OY9JD	2002	1185	240.651	

### Multi Operator

MULTI- ONE	SK3W	2002	2503	2.028.964	SM0GNU SM3EVR SM5IMO
MULTI- MULTI	OH2U	1999	4560	4.379.958	OH1JT OH2BVI OH2HE OH2IW OH2JTE OH2XX OH6CT OH7JR

# SAC Records - AFRICA

Year 1999 to 2016

## CW

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR
HIGH	7X0RY	2006	404	88.500	OK1DF
LOW	EA8CN	2001	183	30.555	

### Single Operator Assisted All Band

HIGH	EC8AFM	2011	91	7.744	EC8AFM
------	--------	------	----	-------	--------

## SSB

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR
HIGH	EA8/OH2BYS	1999	345	68.911	
LOW	EA8/OH2BP	2014	266	35.020	EA8/OH2BP

### Single Operator Assisted All Band

HIGH	CR3L	2012	532	118.118	DF3FS
------	------	------	-----	---------	-------

LOW	CN8VO	2016	49	2.250	CN8VO
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# SAC Records - EUROPE

Year 1999 to 2016

## CW

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	RZ3AXX	2010	653	116.234	UA8AA
LOW	R6YY	2011	651	101.556	R6YY
QRP	RT4W	2014	510	84.660	

### Single Operator Assisted All Band

HIGH	DL6FBL	2011	955	191.955	
LOW	S50XX	2014	705	131.130	S50XX
QRP	RW4WA	2014	514	90.978	RW4WA

### Single Operator Assisted Low Band

HIGH	LY5W	2015	379	30.320	LY5W
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### Multi Operator

MULTI- ONE	9A5Y	2014	792	152.064	9A3NM, 9A5CM, 9A5TO, 9A7DX
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## SSB

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	ES5TV	2010	757	133.989	
LOW	I2PJA	2014	667	105.386	
QRP	HG3M	2014	431	59.047	HA3MY

### Single Operator Assisted All Band

HIGH	LX7I	2012	191	177.248	OH6KZP
LOW	9A9J	2014	159	99.057	9A7ZZ
QRP	RW4WA	2014	142	45.156	RW4WA

### Single Operator Assisted Low Band

HIGH	LY3BB	2014	325	23.725	
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### Multi Operator

MULTI- ONE	LZ5R	2012	818	147.240	LZ1UK LZ3RR LZ4UU
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# SAC Records - NORTH AMERICA

Year 1999 to 2016

## CW

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	AA2A	2013	505	127.260	N2KW
LOW	VE3DZ	2013	427	91.903	VE3DZ
QRP	KR2Q	2010	210	27.840	

### Single Operator Assisted All Band

HIGH	N2KW	2011	569	162.195	N2KW
LOW	VE2BWL	2014	193	25.286	VE2BWL
QRP	AB3WS	2016	58	3.956	AB3WS

### Single Operator Assisted Low Band

HIGH	AA2A	2016	203	40.194	N2KW
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### Multi Operator

MULTI- ONE	AA3B	2010	418	90.750	
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## SSB

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	K3ZO	2013	376	74.200	
LOW	VE3DZ	2002	268	34.600	
QRP	N4BP	2001	206	16.892	

### Single Operator Assisted All Band

HIGH	K1AR	2011	294	35.360	
LOW	W1/SP4Z	2014	61	4.464	W1/SP4Z

### Single Operator Assisted Low Band

MULTI- ONE	VA6MA	2013	291	41.895	VE6JY, VA6MA @ VE6JY
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# SAC Records - SOUTH AMERICA

**Year 1999 to 2016**

## CW

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	PY2ZXU	2011	494	121.176	SM0CXU
LOW	PY4FQ	2011	247	33.800	PY4FQ
QRP	PY4ZO	2011	135	13.125	PY4ZO

### Single Operator Assisted All Band

HIGH	PY2ZEA	2011	578	151.320	OH2MM
LOW	PY4XX	2014	180	23.712	PY4XX

### Single Operator Assisted Low Band

HIGH	CX6VM	2016	39	5.421	CX6VM
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### Multi Operator

MULTI-ONE	PT5T	2011	430	109.854	PP5EG PP5NZ
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## SSB

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	PY2ZEA	2012	360	67.564	OH2MM
LOW	YV8AD	2011	171	23.458	YV8AD
QRP	PY4ZO	2011	24	432	PY4ZO

### Single Operator Assisted All Band

HIGH	PY2ZEA	2011	177	20.513	OH2MM
LOW	PY5FO	2014	154	10.472	PY5FO
QRP	PU1MHZ	2014	17	221	PU1MHZ

### Single Operator Assisted Low Band

HIGH	PY5DC	2016	10	240	PY5DC
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### Multi Operator

MULTI-ONE	PS2T	2007	203	28.275	
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# SAC Records - OCEANIA

**Year 1999 to 2016**

## CW

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	VK2APK	2002	220	23.408	
LOW	VK2APK	2001	219	22.161	
QRP	YB0ANN	2015	25	475	

### Single Operator Assisted All Band

HIGH	ZL2B	2014	217	20.713	ZL2B
LOW	YB2TJV	2015	41	1.127	YB2TJV

### Single Operator Assisted Low Band

HIGH	ZM4G	2015	88	8.712	ZL2IFB
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### Multi Operator

MULTI-ONE	DU1/JJ5GMJ	2010	34	1.900	
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## SSB

### Single Operator All Band

CAT	CALL	YEAR	QSO	SCORE	OPR.
HIGH	VK5GN	2001	210	19.680	
LOW	VK2APK	2001	205	20.400	
QRP	YB2OK	2003	36	720	

### Single Operator Assisted All Band

HIGH	VK4QH	2011	177	12.738	VK4QH
LOW	YC0OST	2014	78	2.418	YC0OST

### Single Operator Assisted Low Band

MULTI-	YB3BX YB3KK YC3FZ	2014	18	234	YD3BND N1IP
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# LY3BB

## 50 years in Amateur Radio

The year 2016 was very successful for me. In 2016 I celebrated 50 years anniversary in Amateur Radio as the first contact was made in 1966 in little town Vilkaviškis on 20 meters band using amplitude modulation. And that was the very start of chronic disease called HAM RADIO. My specialty after high school graduating was very common to this disease: I have become radio engineer.

Last year I have got nice present: two grandsons were born.

And the last fantastic thing has happened in 2016: I have won in SAC, low bands entry. That was really good!

Why do I like SAC? First of all, here is very high operating level, especially using CW. Also important and very welcome thing is fast log checking process and real possibilities to win trophy although it is not easy done thing from the Baltic States. Generally SAC is very pleasant competition. It would become more attractive with 160 meters HI.

CU in SAC 2017!

Rimas, LY3BB



# US7IGN



us7ign(c)2016

Hello!

My friends and I decided to spend a weekend out of town and I took a radio as usual. There has been a lot of QRM, and I was a little drunk, but I made a couple dozen QSOs.

The antenna on the spot to get a classic L-type length of 42 meters. About 10 meters from the tuner to the rod at a height of about 8 meters, and the rest gradually decreased to a tree. Tuner ICOM AH-4 lying in the corner, and a counterweight 5 meters of fine magnet wire thrown on the tin gutter.

Staged filter 350Hz in IC-706MK2G and now it is possible to work on the air, not only heated air! With thanks to the prompt R3AAX added microphone signal gain and become legible. The Scandinavian Activity Contest on some work in the evening and in the morning 80 to 40.

My story is here <http://www.us7ign.com/?p=746>

73 de US7IGN!



US7IGN(c)2016

# Results SAC CW 2016

## SCANDINAVIA

### Single Operator All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SJ2W	2016	CW	SO	ALL	HIGH	NONE	2338	5.622	221	1.242.462	SM2WMV
2	OH0Z	2016	CW	SO	ALL	HIGH	NONE	2138	5.060	230	1.163.800	OH6EI
3	OH2BH	2016	CW	SO	ALL	HIGH	NONE	2127	5.005	232	1.161.160	OH6KZP
4	OH0R	2016	CW	SO	ALL	HIGH	NONE	2120	5.042	208	1.048.736	OH2PM
5	SM0W	2016	CW	SO	ALL	HIGH	NONE	1787	4.227	211	891.897	
6	OG7A	2016	CW	SO	ALL	HIGH	NONE	1828	4.300	195	838.500	OH6MW
7	TF3CW	2016	CW	SO	ALL	HIGH	NONE	1822	4.288	191	819.008	
8	LA8OM	2016	CW	SO	ALL	HIGH	TB-WIRES	1828	4.220	189	797.580	LA8OM
9	OG3G	2016	CW	SO	ALL	HIGH	NONE	1651	3.893	183	712.419	OG3G
10	OH5TS	2016	CW	SO	ALL	HIGH	NONE	1678	3.886	183	711.138	OH5TS
11	LA2AB	2016	CW	SO	ALL	HIGH	NONE	1603	3.778	171	646.038	LA7MFA
12	SA4A	2016	CW	SO	ALL	HIGH	NONE	1556	3.551	175	621.425	SM5PBT
13	OZ7YY	2016	CW	SO	ALL	HIGH	NONE	1526	3.603	169	608.907	OZ7YY
14	SM2T	2016	CW	SO	ALL	HIGH	NONE	1508	3.386	171	579.006	SM2EZT
15	OG7O	2016	CW	SO	ALL	HIGH	NONE	1399	3.298	175	577.150	OH1VR
16	SM0HRP	2016	CW	SO	ALL	HIGH	NONE	1368	3.141	168	527.688	SM0HRP
17	SM5GLC	2016	CW	SO	ALL	HIGH	TB-WIRES	1289	3.001	171	513.171	SM5GLC
18	SM6NET	2016	CW	SO	ALL	HIGH	NONE	1378	3.132	160	501.120	SM6NET
19	OH6AC	2016	CW	SO	ALL	HIGH	WIRE-ONLY	1349	2.970	162	481.140	OH6CS
20	LA5UF	2016	CW	SO	ALL	HIGH	NONE	1280	2.872	165	473.880	LA5UF
21	OG7F	2016	CW	SO	ALL	HIGH	NONE	1256	2.825	163	460.475	OH5DA
22	OG30OJ	2016	CW	SO	ALL	HIGH	NONE	1314	2.931	146	427.926	OH3OJ
23	OH6CT	2016	CW	SO	ALL	HIGH	NONE	1166	2.716	143	388.388	OH6CT
24	OG6G	2016	CW	SO	ALL	HIGH	TB-WIRES	1287	2.806	136	381.616	OH6BG
25	OH3Z	2016	CW	SO	ALL	HIGH	NONE	983	2.390	157	375.230	OH1NX
26	SE4E	2016	CW	SO	ALL	HIGH	WIRE-ONLY	1181	2.604	134	348.936	SM4DQE
27	OH2XX	2016	CW	SO	ALL	HIGH	NONE	1078	2.455	141	346.155	
28	OV3X	2016	CW	SO	ALL	HIGH	TB-WIRES	1026	2.345	142	332.990	OZ8AE
29	OH3FM	2016	CW	SO	ALL	HIGH	NONE	1162	2.539	131	332.609	OH3FM
30	OH70BH	2016	CW	SO	ALL	HIGH	NONE	996	2.257	147	331.779	
31	LA8HGA	2016	CW	SO	ALL	HIGH	NONE	1001	2.252	146	328.792	LA8HGA
32	SL0W	2016	CW	SO	ALL	HIGH	NONE	960	2.197	141	309.777	
33	OH7KBF	2016	CW	SO	ALL	HIGH	NONE	1010	2.234	133	297.122	OH7KBF
34	OZ8SW	2016	CW	SO	ALL	HIGH	NONE	1031	2.257	130	293.410	
35	OZ3SM	2016	CW	SO	ALL	HIGH	NONE	962	2.137	127	271.399	OZ3SM
36	SM5COP	2016	CW	SO	ALL	HIGH	NONE	940	2.083	123	256.209	SM5COP
37	SM5FUG	2016	CW	SO	ALL	HIGH	NONE	916	2.015	127	255.905	SM5FUG
38	SE0X	2016	CW	SO	ALL	HIGH	NONE	918	2.083	121	252.043	SM0MDG
39	SM0S	2016	CW	SO	ALL	HIGH	NONE	876	1.935	108	208.980	SM5BAX
40	LA7GIA	2016	CW	SO	ALL	HIGH	NONE	818	1.776	110	195.360	LA7GIA
41	SD1A	2016	CW	SO	ALL	HIGH	WIRE-ONLY	821	1.782	108	192.456	SM1TDE

**Single Operator All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
42	OH2OA	2016	CW	SO	ALL	HIGH	NONE	687	1.531	116	177.596	OH2BLV
43	OZ7A	2016	CW	SO	ALL	HIGH	NONE	627	1.464	119	174.216	OZ1IKY
44	OH2BO	2016	CW	SO	ALL	HIGH	NONE	506	1.171	106	124.126	OH2BO
45	OH3UU	2016	CW	SO	ALL	HIGH	NONE	602	1.311	93	121.923	OH3UU
46	OU4N	2016	CW	SO	ALL	HIGH	NONE	516	1.189	102	121.278	OU4N
47	LA2US	2016	CW	SO	ALL	HIGH	TB-WIRES	691	1.464	77	112.728	LA2US
48	OH5XO	2016	CW	SO	ALL	HIGH	NONE	508	1.093	92	100.556	OH5XO
49	OZ7KJ	2016	CW	SO	ALL	HIGH	NONE	493	1.032	86	88.752	OZ3MC
50	OH6OS	2016	CW	SO	ALL	HIGH	NONE	408	936	81	75.816	OH6OS
51	LA6ZFA	2016	CW	SO	ALL	HIGH	TB-WIRES	369	791	93	73.563	LA6ZFA
52	OH5NE	2016	CW	SO	ALL	HIGH	NONE	391	831	83	68.973	OH5NE
53	OZ6TL	2016	CW	SO	ALL	HIGH	WIRE-ONLY	416	878	77	67.606	OZ6TL
54	SK4AO	2016	CW	SO	ALL	HIGH	NONE	312	686	86	58.996	SK4AO
55	SM6M	2016	CW	SO	ALL	HIGH	NONE	325	729	68	49.572	SM6MCW
56	SM5CCE	2016	CW	SO	ALL	HIGH	NONE	299	678	69	46.782	
57	SM3PZG	2016	CW	SO	ALL	HIGH	NONE	239	556	48	26.688	SM3PZG
58	OZ1OP	2016	CW	SO	ALL	HIGH	TB-WIRES	176	395	58	22.910	OZ1OP
59	OH1MM	2016	CW	SO	ALL	HIGH	NONE	181	403	51	20.553	
60	SF7WT	2016	CW	SO	ALL	HIGH	NONE	196	524	36	18.864	
61	OH3JR	2016	CW	SO	ALL	HIGH	NONE	155	332	48	15.936	
62	SJ6A	2016	CW	SO	ALL	HIGH	NONE	97	233	35	8.155	SM6JSM
63	OZ1ADL	2016	CW	SO	ALL	HIGH	NONE	72	198	24	4.752	
64	OH5NZ	2016	CW	SO	ALL	HIGH	NONE	38	92	25	2.300	OH5NZ
65	OZ0JX	2016	CW	SO	ALL	HIGH	NONE	41	121	13	1.573	OZ0JX
66	OH8FAL	2016	CW	SO	ALL	HIGH	TB-WIRES	21	51	10	510	OH8FAL

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LA3S	2016	CW	SO	ALL	LOW	NONE	1295	2.903	157	455.771	LA3BO
2	OH1RX	2016	CW	SO	ALL	LOW	TB-WIRES	1219	2.641	145	382.945	OH1RX
3	SM5CSS	2016	CW	SO	ALL	LOW	NONE	1201	2.587	142	367.354	SM5CSS
4	SK4EA	2016	CW	SO	ALL	LOW	TB-WIRES	1095	2.455	143	351.065	SM4EPR
5	OG5N	2016	CW	SO	ALL	LOW	TB-WIRES	1065	2.389	141	336.849	OG5N
6	OH9UFO	2016	CW	SO	ALL	LOW	NONE	1049	2.300	141	324.300	OH9UFO
7	SM5IMO	2016	CW	SO	ALL	LOW	NONE	1045	2.315	132	305.580	SM5IMO
8	OH3WW	2016	CW	SO	ALL	LOW	NONE	1047	2.297	131	300.907	OH1HS
9	SF3A	2016	CW	SO	ALL	LOW	WIRE-ONLY	1058	2.325	104	241.800	SM3CER
10	OH2KM	2016	CW	SO	ALL	LOW	WIRE-ONLY	923	1.990	118	234.820	OH2KM
11	JW/LB5WB	2016	CW	SO	ALL	LOW	NONE	980	2.398	96	230.208	LB5WB
12	OH8MBN	2016	CW	SO	ALL	LOW	TB-WIRES	957	2.043	111	226.773	OH8MBN
13	LA9BM	2016	CW	SO	ALL	LOW	NONE	874	1.853	121	224.213	LA9BM
14	SD6M	2016	CW	SO	ALL	LOW	NONE	972	2.075	102	211.650	SA6BGR
15	SF5O	2016	CW	SO	ALL	LOW	WIRE-ONLY	785	1.699	119	202.181	SM0EOS
16	LB3RE	2016	CW	SO	ALL	LOW	WIRE-ONLY	781	1.663	106	176.278	

## Single Operator All Band Low PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
17	OH3KQ	2016	CW	SO	ALL	LOW	TB-WIRES	761	1.634	104	169.936	OH3KQ
18	OZ7BQ	2016	CW	SO	ALL	LOW	NONE	668	1.448	111	160.728	OZ7BQ
19	OU2I	2016	CW	SO	ALL	LOW	WIRE-ONLY	669	1.442	105	151.410	OZ1BII
20	LA9OI	2016	CW	SO	ALL	LOW	TB-WIRES	589	1.243	105	130.515	LA9OI
21	LA2HFA	2016	CW	SO	ALL	LOW	TB-WIRES	587	1.238	95	117.610	LA2HFA
22	OH1LWZ	2016	CW	SO	ALL	LOW	TB-WIRES	603	1.315	82	107.830	OH1LWZ
23	OZ4FF	2016	CW	SO	ALL	LOW	NONE	596	1.250	86	107.500	
24	SG0M	2016	CW	SO	ALL	LOW	TB-WIRES	460	1.028	101	103.828	SA0AQT
25	SM6TOL	2016	CW	SO	ALL	LOW	TB-WIRES	469	1.057	94	99.358	SM6TOL
26	OH1NDA	2016	CW	SO	ALL	LOW	WIRE-ONLY	474	1.024	94	96.256	OH1NDA
27	SM6IQD	2016	CW	SO	ALL	LOW	NONE	502	1.049	91	95.459	
28	SM7IUN	2016	CW	SO	ALL	LOW	WIRE-ONLY	504	1.045	88	91.960	SM7IUN
29	OZ5RM	2016	CW	SO	ALL	LOW	NONE	503	1.157	79	91.403	OZ5RM
30	OH2MGA	2016	CW	SO	ALL	LOW	NONE	496	1.071	80	85.680	OH2MGA
31	SI5Y	2016	CW	SO	ALL	LOW	NONE	483	1.109	75	83.175	SM5BKK
32	SM7MX	2016	CW	SO	ALL	LOW	WIRE-ONLY	484	1.012	81	81.972	SM5MX
33	SM6NT	2016	CW	SO	ALL	LOW	NONE	348	772	90	69.480	SM6NT
34	OH3LS	2016	CW	SO	ALL	LOW	NONE	372	784	85	66.640	OH3LS
35	OH2EV	2016	CW	SO	ALL	LOW	NONE	321	697	79	55.063	OH2EV
36	OZ1DJJ	2016	CW	SO	ALL	LOW	NONE	320	801	59	47.259	OZ1DJJ
37	OH7DI	2016	CW	SO	ALL	LOW	WIRE-ONLY	281	604	77	46.508	OH7DI
38	LA9DK	2016	CW	SO	ALL	LOW	NONE	292	632	73	46.136	LA9DK
39	SM0Q	2016	CW	SO	ALL	LOW	NONE	304	654	65	42.510	SM0OGQ
40	LA6GX	2016	CW	SO	ALL	LOW	NONE	316	668	57	38.076	LA6GX
41	SM0Y	2016	CW	SO	ALL	LOW	WIRE-ONLY	292	623	61	38.003	SM0OY
42	OG9R	2016	CW	SO	ALL	LOW	TB-WIRES	252	546	69	37.674	OH7QR
43	SM5ACQ	2016	CW	SO	ALL	LOW	NONE	260	535	69	36.915	SM5ACQ
44	LA6DW	2016	CW	SO	ALL	LOW	NONE	276	590	59	34.810	LA6DW
45	OH2BFG	2016	CW	SO	ALL	LOW	NONE	215	468	67	31.356	
46	OZ1JFK	2016	CW	SO	ALL	LOW	NONE	162	366	49	17.934	OZ1JFK
47	OH7MFO	2016	CW	SO	ALL	LOW	NONE	139	303	52	15.756	
48	SE5L	2016	CW	SO	ALL	LOW	NONE	157	328	47	15.416	SM5ALJ
49	SM5DXR	2016	CW	SO	ALL	LOW	NONE	130	277	51	14.127	
50	OH2HZ	2016	CW	SO	ALL	LOW	TB-WIRES	117	269	46	12.374	OH2HZ
51	SM6GBM	2016	CW	SO	ALL	LOW	NONE	122	259	37	9.583	SM6GBM
52	SM7CIL	2016	CW	SO	ALL	LOW	NONE	108	223	34	7.582	SM7CIL
53	SM5UO	2016	CW	SO	ALL	LOW	WIRE-ONLY	63	159	37	5.883	SM5UO
54	OY4M	2016	CW	SO	ALL	LOW	NONE	63	140	28	3.920	OY4M
55	OG4T	2016	CW	SO	ALL	LOW	WIRE-ONLY	60	126	29	3.654	OH4MFA
56	OZ1THC	2016	CW	SO	ALL	LOW	WIRE-ONLY	60	123	19	2.337	OZ1THC
57	SM5BS	2016	CW	SO	ALL	LOW	NONE	37	83	19	1.577	SM5BS
58	OH3DP	2016	CW	SO	ALL	LOW	WIRE-ONLY	27	66	21	1.386	OH3DP
59	SM3XAX	2016	CW	SO	ALL	LOW	NONE	29	66	18	1.188	
60	OZ4FA	2016	CW	SO	ALL	LOW	NONE	23	60	14	840	OZ4FA
61	SM4SEF	2016	CW	SO	ALL	LOW	NONE	23	46	13	598	

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
62	OZ4QX	2016	CW	SO	ALL	LOW	NONE	16	36	13	468	
63	SA6W	2016	CW	SO	ALL	LOW	NONE	18	39	12	468	SM6PVB
64	LA8DNA	2016	CW	SO	ALL	LOW	WIRE-ONLY	16	37	10	370	LA8DNA
65	OH3NFC	2016	CW	SO	ALL	LOW	WIRE-ONLY	13	28	8	224	OH3NFC
66	SG3O	2016	CW	SO	ALL	LOW	NONE	9	24	7	168	SM3AGO

**Single Operator All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH6LI	2016	CW	SO	ALL	QRP	NONE	636	1.368	106	145.008	OH6LI
2	SM7SPG	2016	CW	SO	ALL	QRP	WIRE-ONLY	376	782	68	53.176	SM7SPG
3	SM7RYR	2016	CW	SO	ALL	QRP	WIRE-ONLY	195	437	38	16.606	SM7RYR
4	OH2LU	2016	CW	SO	ALL	QRP	TB-WIRES	119	248	52	12.896	OH2LU
5	SM3DFM	2016	CW	SO	ALL	QRP	WIRE-ONLY	88	180	44	7.920	
6	OZ8A	2016	CW	SO	ALL	QRP	NONE	84	177	33	5.841	
7	LA1ENA	2016	CW	SO	ALL	QRP	TB-WIRES	80	165	29	4.785	LA1ENA
8	OH2ID	2016	CW	SO	ALL	QRP	NONE	29	69	18	1.242	OH2ID

**Single Operator Assisted All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH1F	2016	CW	SA	ALL	HIGH	NONE	1998	4.770	222	1.058.940	OH1TM
2	SE5E	2016	CW	SA	ALL	HIGH	NONE	1820	4.085	193	788.405	SM5AJV
3	SC0N	2016	CW	SA	ALL	HIGH	NONE	1606	3.636	183	665.388	SM0NCS
4	OG6N	2016	CW	SA	ALL	HIGH	NONE	1595	3.627	181	656.487	
5	OH5BM	2016	CW	SA	ALL	HIGH	NONE	1586	3.662	161	589.582	OH5BM
6	OH2CV	2016	CW	SA	ALL	HIGH	NONE	1462	3.347	166	555.602	OH2CV
7	OH5CZ	2016	CW	SA	ALL	HIGH	ROOKIE	1354	3.072	158	485.376	OH5CZ
8	SM7GIB	2016	CW	SA	ALL	HIGH	NONE	1265	2.925	155	453.375	SM7GIB
9	OH2BAI	2016	CW	SA	ALL	HIGH	TB-WIRES	1299	2.878	145	417.310	OH2BAI
10	OH2GEK	2016	CW	SA	ALL	HIGH	TB-WIRES	1225	2.735	148	404.780	OH2GEK
11	OH5KW	2016	CW	SA	ALL	HIGH	NONE	964	2.240	164	367.360	OH5KW
12	SM5EPO	2016	CW	SA	ALL	HIGH	NONE	966	2.265	141	319.365	SM5EPO
13	SM5CEU	2016	CW	SA	ALL	HIGH	NONE	971	2.228	136	303.008	SM5CEU
14	OZ2TF	2016	CW	SA	ALL	HIGH	NONE	866	2.034	130	264.420	OZ2TF
15	SM5D	2016	CW	SA	ALL	HIGH	NONE	898	2.000	131	262.000	SM5DJZ
16	SE6W	2016	CW	SA	ALL	HIGH	NONE	796	1.743	109	189.987	SM6XKB
17	OH6BA	2016	CW	SA	ALL	HIGH	WIRE-ONLY	738	1.614	104	167.856	OH6BA
18	SM4EMO	2016	CW	SA	ALL	HIGH	NONE	681	1.568	104	163.072	SM4EMO
19	SM3OMO	2016	CW	SA	ALL	HIGH	NONE	747	1.693	96	162.528	SM3OMO
20	SC6W	2016	CW	SA	ALL	HIGH	NONE	718	1.648	97	159.856	SM6PPS
21	SB7S	2016	CW	SA	ALL	HIGH	TB-WIRES	753	1.702	90	153.180	SM7PXS
22	OU5E	2016	CW	SA	ALL	HIGH	TB-WIRES	595	1.296	96	124.416	OU5E
23	OH2BV	2016	CW	SA	ALL	HIGH	NONE	797	1.878	65	122.070	OH2BV
24	SM2EKA	2016	CW	SA	ALL	HIGH	NONE	559	1.230	99	121.770	SM2EKA
25	LB6KC	2016	CW	SA	ALL	HIGH	NONE	514	1.167	46	53.682	LB6KC

**Single Operator Assisted All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
26	SI6T	2016	CW	SA	ALL	HIGH	WIRE-ONLY	295	637	63	40.131	SM6LZQ
27	LA7XK	2016	CW	SA	ALL	HIGH	NONE	244	627	48	30.096	LA7XK
28	OX5T	2016	CW	SA	ALL	HIGH	NONE	198	558	42	23.436	OX5T
29	OZ7D	2016	CW	SA	ALL	HIGH	NONE	230	482	45	21.690	OZ3TQ
30	OH9VD	2016	CW	SA	ALL	HIGH	TB-WIRES	128	309	51	15.759	OH9VD
31	SM5J	2016	CW	SA	ALL	HIGH	NONE	97	205	26	5.330	SM5PHU
32	OH3NU	2016	CW	SA	ALL	HIGH	NONE	43	121	25	3.025	OH3NU
33	LA7SI	2016	CW	SA	ALL	HIGH	NONE	39	91	23	2.093	LA7SI
34	8S0C	2016	CW	SA	ALL	HIGH	TB-WIRES	20	50	19	950	SM0MPV

**Single Operator Assisted All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH7CW	2016	CW	SA	ALL	LOW	TB-WIRES	963	2.096	130	272.480	OH7CW
2	LN7TTT	2016	CW	SA	ALL	LOW	TB-WIRES	1033	2.225	121	269.225	LA5LJA
3	LA7AK	2016	CW	SA	ALL	LOW	TB-WIRES	918	1.965	123	241.695	LA7AK
4	SC5C	2016	CW	SA	ALL	LOW	WIRE-ONLY	867	1.847	110	203.170	SM5DVS
5	OH3RF	2016	CW	SA	ALL	LOW	NONE	687	1.557	120	186.840	OH3RF
6	OH5XK	2016	CW	SA	ALL	LOW	WIRE-ONLY	783	1.673	109	182.357	OH5XK
7	SI6W	2016	CW	SA	ALL	LOW	NONE	718	1.535	104	159.640	SI6W
8	OZ1IVA	2016	CW	SA	ALL	LOW	NONE	621	1.338	100	133.800	OZ1IVA
9	OH6XY	2016	CW	SA	ALL	LOW	NONE	481	1.040	94	97.760	OH6XY
10	OH3KAV	2016	CW	SA	ALL	LOW	TB-WIRES	377	821	66	54.186	OH3KAV
11	SE6N	2016	CW	SA	ALL	LOW	NONE	364	774	69	53.406	SA6AXR
12	OH6XX	2016	CW	SA	ALL	LOW	TB-WIRES	333	696	63	43.848	
13	OU0POLIO	2016	CW	SA	ALL	LOW	NONE	307	643	67	43.081	DF5LW
14	OZ0B	2016	CW	SA	ALL	LOW	WIRE-ONLY	255	556	69	38.364	OZ1ISY
15	SM6Q	2016	CW	SA	ALL	LOW	NONE	349	739	44	32.516	SM6Q
16	OH2BU	2016	CW	SA	ALL	LOW	NONE	49	105	19	1.995	OH2BU
17	OH3MNC	2016	CW	SA	ALL	LOW	NONE	43	103	14	1.442	
18	OH2LIR	2016	CW	SA	ALL	LOW	WIRE-ONLY	23	48	14	672	OH2LIR
19	OZ4CG	2016	CW	SA	ALL	LOW	NONE	13	31	9	279	OZ4CG
20	SM5CNQ	2016	CW	SA	ALL	LOW	NONE	5	10	5	50	SM5CNQ

**Single Operator Assisted All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SB0A	2016	CW	SA	ALL	QRP	TB-WIRES	685	1.455	99	144.045	SM0LPO
2	SM0FPR	2016	CW	SA	ALL	QRP	TB-WIRES	308	655	70	45.850	SM0FPR
3	SD0T	2016	CW	SA	ALL	QRP	NONE	159	334	44	14.696	SM0THU

**Single Operator All Band High PWR TB-Wires**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LA8OM	2016	CW	SO	ALL	HIGH	TB-WIRES	1828	4.220	189	797.580	LA8OM
2	SM5GLC	2016	CW	SO	ALL	HIGH	TB-WIRES	1289	3.001	171	513.171	SM5GLC

**Single Operator All Band High PWR TB-Wires**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
3	OH2BAI	2016	CW	SA	ALL	HIGH	TB-WIRES	1299	2.878	145	417.310	OH2BAI
4	OH2GEK	2016	CW	SA	ALL	HIGH	TB-WIRES	1225	2.735	148	404.780	OH2GEK
5	OG6G	2016	CW	SO	ALL	HIGH	TB-WIRES	1287	2.806	136	381.616	OH6BG
6	OV3X	2016	CW	SO	ALL	HIGH	TB-WIRES	1026	2.345	142	332.990	OZ8AE
7	SB7S	2016	CW	SA	ALL	HIGH	TB-WIRES	753	1.702	90	153.180	SM7PXS
8	OU5E	2016	CW	SA	ALL	HIGH	TB-WIRES	595	1.296	96	124.416	OU5E
9	LA2US	2016	CW	SO	ALL	HIGH	TB-WIRES	691	1.464	77	112.728	LA2US
10	LA6ZFA	2016	CW	SO	ALL	HIGH	TB-WIRES	369	791	93	73.563	LA6ZFA
11	OZ1OP	2016	CW	SO	ALL	HIGH	TB-WIRES	176	395	58	22.910	OZ1OP
12	OH9VD	2016	CW	SA	ALL	HIGH	TB-WIRES	128	309	51	15.759	OH9VD
13	8S0C	2016	CW	SA	ALL	HIGH	TB-WIRES	20	50	19	950	SM0MPV
14	OH8FAL	2016	CW	SO	ALL	HIGH	TB-WIRES	21	51	10	510	OH8FAL

**Single Operator All Band High PWR Wire-Only**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH6AC	2016	CW	SO	ALL	HIGH	WIRE-ONLY	1349	2.970	162	481.140	OH6CS
2	SE4E	2016	CW	SO	ALL	HIGH	WIRE-ONLY	1181	2.604	134	348.936	SM4DQE
3	SD1A	2016	CW	SO	ALL	HIGH	WIRE-ONLY	821	1.782	108	192.456	SM1TDE
4	OH6BA	2016	CW	SA	ALL	HIGH	WIRE-ONLY	738	1.614	104	167.856	OH6BA
5	OZ6TL	2016	CW	SO	ALL	HIGH	WIRE-ONLY	416	878	77	67.606	OZ6TL
6	SI6T	2016	CW	SA	ALL	HIGH	WIRE-ONLY	295	637	63	40.131	SM6LZQ

**Single Operator All Band High PWR Rookie**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH5CZ	2016	CW	SA	ALL	HIGH	ROOKIE	1354	3.072	158	485.376	OH5CZ

**Single Operator All Band Low/QRP PWR TB-Wires**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH1RX	2016	CW	SO	ALL	LOW	TB-WIRES	1219	2.641	145	382.945	OH1RX
2	SK4EA	2016	CW	SO	ALL	LOW	TB-WIRES	1095	2.455	143	351.065	SM4EPR
3	OG5N	2016	CW	SO	ALL	LOW	TB-WIRES	1065	2.389	141	336.849	OG5N
4	OH7CW	2016	CW	SA	ALL	LOW	TB-WIRES	963	2.096	130	272.480	OH7CW
5	LN7TTT	2016	CW	SA	ALL	LOW	TB-WIRES	1033	2.225	121	269.225	LA5LJA
6	LA7AK	2016	CW	SA	ALL	LOW	TB-WIRES	918	1.965	123	241.695	LA7AK
7	OH8MBN	2016	CW	SO	ALL	LOW	TB-WIRES	957	2.043	111	226.773	OH8MBN
8	OH3KQ	2016	CW	SO	ALL	LOW	TB-WIRES	761	1.634	104	169.936	OH3KQ
9	SB0A	2016	CW	SA	ALL	QRP	TB-WIRES	685	1.455	99	144.045	SM0LPO
10	LA9OI	2016	CW	SO	ALL	LOW	TB-WIRES	589	1.243	105	130.515	LA9OI
11	LA2HFA	2016	CW	SO	ALL	LOW	TB-WIRES	587	1.238	95	117.610	LA2HFA
12	OH1LWZ	2016	CW	SO	ALL	LOW	TB-WIRES	603	1.315	82	107.830	OH1LWZ
13	SG0M	2016	CW	SO	ALL	LOW	TB-WIRES	460	1.028	101	103.828	SA0AQ
14	SM6TOL	2016	CW	SO	ALL	LOW	TB-WIRES	469	1.057	94	99.358	SM6TOL
15	OH3KAV	2016	CW	SA	ALL	LOW	TB-WIRES	377	821	66	54.186	OH3KAV

**Single Operator All Band Low/QRP PWR TB-Wires**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
16	SM0FPR	2016	CW	SA	ALL	QRP	TB-WIRES	308	655	70	45.850	SM0FPR
17	OH6XX	2016	CW	SA	ALL	LOW	TB-WIRES	333	696	63	43.848	
18	OG9R	2016	CW	SO	ALL	LOW	TB-WIRES	252	546	69	37.674	OH7QR
19	OH2LU	2016	CW	SO	ALL	QRP	TB-WIRES	119	248	52	12.896	OH2LU
20	OH2HZ	2016	CW	SO	ALL	LOW	TB-WIRES	117	269	46	12.374	OH2HZ
21	LA1ENA	2016	CW	SO	ALL	QRP	TB-WIRES	80	165	29	4.785	LA1ENA

**Single Operator All Band Low/QRP PWR Wire-Only**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SF3A	2016	CW	SO	ALL	LOW	WIRE-ONLY	1058	2.325	104	241.800	SM3CER
2	OH2KM	2016	CW	SO	ALL	LOW	WIRE-ONLY	923	1.990	118	234.820	OH2KM
3	SC5C	2016	CW	SA	ALL	LOW	WIRE-ONLY	867	1.847	110	203.170	SM5DVS
4	SF5O	2016	CW	SO	ALL	LOW	WIRE-ONLY	785	1.699	119	202.181	SM0EOS
5	OH5XK	2016	CW	SA	ALL	LOW	WIRE-ONLY	783	1.673	109	182.357	OH5XK
6	LB3RE	2016	CW	SO	ALL	LOW	WIRE-ONLY	781	1.663	106	176.278	
7	OU2I	2016	CW	SO	ALL	LOW	WIRE-ONLY	669	1.442	105	151.410	OZ1BII
8	OH1NDA	2016	CW	SO	ALL	LOW	WIRE-ONLY	474	1.024	94	96.256	OH1NDA
9	SM7IUN	2016	CW	SO	ALL	LOW	WIRE-ONLY	504	1.045	88	91.960	SM7IUN
10	SM7MX	2016	CW	SO	ALL	LOW	WIRE-ONLY	484	1.012	81	81.972	SM5MX
11	SM7SPG	2016	CW	SO	ALL	QRP	WIRE-ONLY	376	782	68	53.176	SM7SPG
12	OH7DI	2016	CW	SO	ALL	LOW	WIRE-ONLY	281	604	77	46.508	OH7DI
13	OZ0B	2016	CW	SA	ALL	LOW	WIRE-ONLY	255	556	69	38.364	OZ1ISY
14	SM0Y	2016	CW	SO	ALL	LOW	WIRE-ONLY	292	623	61	38.003	SM0OY
15	SM7RYR	2016	CW	SO	ALL	QRP	WIRE-ONLY	195	437	38	16.606	SM7RYR
16	SM3DFM	2016	CW	SO	ALL	QRP	WIRE-ONLY	88	180	44	7.920	
17	SM5UO	2016	CW	SO	ALL	LOW	WIRE-ONLY	63	159	37	5.883	SM5UO
18	OG4T	2016	CW	SO	ALL	LOW	WIRE-ONLY	60	126	29	3.654	OH4MFA
19	OZ1THC	2016	CW	SO	ALL	LOW	WIRE-ONLY	60	123	19	2.337	OZ1THC
20	OH3DP	2016	CW	SO	ALL	LOW	WIRE-ONLY	27	66	21	1.386	OH3DP
21	OH2LIR	2016	CW	SA	ALL	LOW	WIRE-ONLY	23	48	14	672	OH2LIR
22	LA8DNA	2016	CW	SO	ALL	LOW	WIRE-ONLY	16	37	10	370	LA8DNA
23	OH3NFC	2016	CW	SO	ALL	LOW	WIRE-ONLY	13	28	8	224	OH3NFC

**Single Operator 80 meter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	8S0DX	2016	CW	SO	80M	HIGH	NONE	616	1.326	50	66.300	SM0DSG
2	OH1MA	2016	CW	SO	80M	HIGH	NONE	533	1.161	47	54.567	OH1MA
3	OH3RB	2016	CW	SO	80M	HIGH	NONE	487	1.031	45	46.395	
4	OG25YL	2016	CW	SO	80M	HIGH	NONE	502	1.047	40	41.880	OG25YL
5	OH8CW	2016	CW	SO	80M	HIGH	NONE	302	630	37	23.310	OH8CW
6	SM0HEK	2016	CW	SO	80M	HIGH	NONE	229	468	32	14.976	
7	7S6R	2016	CW	SO	80M	HIGH	NONE	87	179	26	4.654	SM6REA
8	LA5FBA	2016	CW	SO	80M	HIGH	NONE	74	151	25	3.775	LA5FBA
9	OH2KI	2016	CW	SO	80M	HIGH	NONE	31	63	16	1.008	

**Single Operator 40 meter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH7A	2016	CW	SO	40M	HIGH	NONE	947	2.167	59	127.853	OH2KW
2	LA6VM	2016	CW	SO	40M	HIGH	NONE	642	1.353	47	63.591	LA6VM
3	5Q2A	2016	CW	SO	40M	HIGH	NONE	597	1.246	48	59.808	
4	SC6M	2016	CW	SO	40M	HIGH	NONE	574	1.193	42	50.106	SM6FKF
5	SE7S	2016	CW	SO	40M	HIGH	NONE	461	942	40	37.680	SM7DUZ
6	SM7ATL	2016	CW	SO	40M	HIGH	NONE	286	581	32	18.592	
7	OH2BCD	2016	CW	SO	40M	HIGH	NONE	284	576	31	17.856	OH2BCD
8	OH8TU	2016	CW	SO	40M	HIGH	NONE	112	225	21	4.725	OH8TU
9	OH8UV	2016	CW	SO	40M	HIGH	NONE	9	18	4	72	
10	LA8OKA	2016	CW	SO	40M	HIGH	NONE	4	8	4	32	LA8OKA

**Single Operator 20 meter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH8L	2016	CW	SO	20M	HIGH	NONE	1240	3.083	80	246.640	OH8LQ
2	OH6NC	2016	CW	SO	20M	HIGH	NONE	1035	2.480	67	166.160	OH6NVC
3	OH8WW	2016	CW	SO	20M	HIGH	NONE	966	2.365	65	153.725	OH8WW
4	SM2CEW	2016	CW	SO	20M	HIGH	NONE	742	1.699	63	107.037	SM2CEW
5	TF/OG55W	2016	CW	SO	20M	HIGH	NONE	776	1.777	52	92.404	OG55W
6	SK7AX	2016	CW	SO	20M	HIGH	NONE	543	1.326	52	68.952	SM7BUA
7	OH4BCS	2016	CW	SO	20M	HIGH	NONE	486	1.090	52	56.680	OH1ZAA
8	SM2A	2016	CW	SO	20M	HIGH	NONE	427	1.049	54	56.646	SM2ILF
9	SM6BGA	2016	CW	SO	20M	HIGH	NONE	392	1.003	39	39.117	SM6BGA
10	SM2CVH	2016	CW	SO	20M	HIGH	NONE	245	536	39	20.904	SM2CVH
11	OH2VZ	2016	CW	SO	20M	HIGH	NONE	230	506	33	16.698	OH2VZ
12	SM2C	2016	CW	SO	20M	HIGH	NONE	225	498	33	16.434	SM2CFZ
13	OZ8PG	2016	CW	SO	20M	HIGH	NONE	223	527	30	15.810	OZ8PG
14	OZ5KU	2016	CW	SO	20M	HIGH	NONE	172	382	30	11.460	
15	SM6EWB	2016	CW	SO	20M	HIGH	NONE	169	373	28	10.444	
16	SM5V	2016	CW	SO	20M	HIGH	NONE	151	336	27	9.072	SM5ELV
17	OH2BN	2016	CW	SO	20M	HIGH	NONE	102	229	26	5.954	OH2BN
18	OZ5DX	2016	CW	SO	20M	HIGH	NONE	29	61	11	671	OZ5DX

**Single Operator 15 meter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OG4X	2016	CW	SO	15M	HIGH	NONE	232	598	52	31.096	OH1MA
2	OH2BKX	2016	CW	SO	15M	HIGH	NONE	134	362	31	11.222	OH2BKX
3	OH3AR	2016	CW	SO	15M	HIGH	NONE	79	208	32	6.656	OH3MC
4	OH8A	2016	CW	SO	15M	HIGH	NONE	36	100	15	1.500	OH8WW
5	OZ4ABH	2016	CW	SO	15M	HIGH	NONE	27	77	17	1.309	OZ4ABH
6	OH3BCX	2016	CW	SO	15M	HIGH	NONE	16	44	10	440	OH1ZAA
7	OH1KH	2016	CW	SO	15M	HIGH	NONE	0	0	0	0	

**Multi Operator Single Transmitter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH1TX	2016	CW	MUL-ONE	ALL	HIGH	NONE	1646	3.896	199	775.304	OH1JD OH1TX OH2MM
2	OH9W	2016	CW	MUL-ONE	ALL	HIGH	NONE	1690	3.825	192	734.400	OH2BCI OH2LQ OH5BQ
3	OH2BAH	2016	CW	MUL-ONE	ALL	HIGH	NONE	1527	3.577	184	658.168	OH2BAH OH2PQ OH3GGQ OH2BMN
4	SC3A	2016	CW	MUL-ONE	ALL	HIGH	NONE	1463	3.335	175	583.625	SM3WMU SM3RAB
5	SI9AM	2016	CW	MUL-ONE	ALL	HIGH	NONE	1474	3.332	158	526.456	SM3EAE SM3FJF SM5SIC
6	SM6BGG	2016	CW	MUL-ONE	ALL	HIGH	NONE	1346	3.139	156	489.684	SM6BGG SM2BJS
7	OZ0NAVY	2016	CW	MUL-ONE	ALL	HIGH	NONE	1273	2.851	145	413.395	DL2JRM DL5SE
8	SK0QO	2016	CW	MUL-ONE	ALL	HIGH	NONE	1197	2.622	134	351.348	SM0NUE SM0DWK

**Checklogs**

LA2WRA, LA8CJ, TF3DC

**AE6YB**

Hello

My name is Will and I live in Healdsburg, the heart of the Northern California wine country. I am usually only able to make a few contacts in the SAC, but I have a lot of fun doing so with only 100 watts and a wire. I am very proud of my SAC 50 YEARS certificate for First Place in USA call area 6.

Thank you for hosting such a fun contest.

73 and good DX,  
Will, AE6YB

# AFRICA

## Single Operator All Band Low PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	EA8AVK	2016	CW	SO	ALL	LOW	NONE	135	135	60	8.100	
2	ZS5XT	2016	CW	SO	ALL	LOW	NONE	18	18	13	234	ZS5XT

# ASIA

## Single Operator All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	R8WF	2016	CW	SO	ALL	HIGH	NONE	419	827	125	103.375	
2	RU9AC	2016	CW	SO	ALL	HIGH	NONE	371	705	118	83.190	RU9AC
3	RF9C	2016	CW	SO	ALL	HIGH	NONE	287	603	92	55.476	UA9CIR
4	JA7ACM	2016	CW	SO	ALL	HIGH	NONE	220	352	84	29.568	
5	RX9CM	2016	CW	SO	ALL	HIGH	NONE	187	307	71	21.797	RX9CM
6	TA3D	2016	CW	SO	ALL	HIGH	NONE	138	270	76	20.520	TA3D
7	HS0ZIA	2016	CW	SO	ALL	HIGH	NONE	168	258	71	18.318	HS0ZIA
8	RD0A	2016	CW	SO	ALL	HIGH	NONE	137	213	72	15.336	
9	RL9I	2016	CW	SO	ALL	HIGH	NONE	158	212	72	15.264	RL9I
10	RA0QQ	2016	CW	SO	ALL	HIGH	NONE	159	231	55	12.705	RA0QQ
11	JA2XYO	2016	CW	SO	ALL	HIGH	NONE	180	206	58	11.948	JA2XYO
12	HS0ZLM	2016	CW	SO	ALL	HIGH	NONE	176	182	60	10.920	HS0ZLM
13	4Z5KO	2016	CW	SO	ALL	HIGH	NONE	97	167	60	10.020	4Z5KO
14	A93JA	2016	CW	SO	ALL	HIGH	NONE	109	125	52	6.500	KE5JA
15	RM0F	2016	CW	SO	ALL	HIGH	NONE	139	139	46	6.394	RM0F
16	VR2CO	2016	CW	SO	ALL	HIGH	NONE	98	120	47	5.640	VR2CO
17	JE4CIL	2016	CW	SO	ALL	HIGH	NONE	110	110	42	4.620	
18	HS0ZDY	2016	CW	SO	ALL	HIGH	NONE	78	98	47	4.606	HS0ZDY
19	JH1FNU	2016	CW	SO	ALL	HIGH	NONE	76	114	37	4.218	
20	JA3DAY	2016	CW	SO	ALL	HIGH	NONE	82	82	32	2.624	JA3DAY
21	R8IA	2016	CW	SO	ALL	HIGH	NONE	58	70	37	2.590	
22	JE1NVD	2016	CW	SO	ALL	HIGH	NONE	58	62	33	2.046	JE1NVD
23	JH1HIC	2016	CW	SO	ALL	HIGH	NONE	62	62	27	1.674	
24	JH8GEU	2016	CW	SO	ALL	HIGH	NONE	52	54	26	1.404	
25	9V1YC	2016	CW	SO	ALL	HIGH	NONE	41	53	26	1.378	9V1YC
26	RW0UM	2016	CW	SO	ALL	HIGH	NONE	40	56	24	1.344	UA8DA
27	RA0AM	2016	CW	SO	ALL	HIGH	NONE	28	78	16	1.248	RA0AM
28	JK1LUY	2016	CW	SO	ALL	HIGH	NONE	34	34	19	646	JK1LUY
29	VU2JOS	2016	CW	SO	ALL	HIGH	NONE	23	27	19	513	
30	JA1LNZ	2016	CW	SO	ALL	HIGH	NONE	16	30	15	450	JA1LNZ
31	JH8CXW	2016	CW	SO	ALL	HIGH	NONE	26	26	17	442	
32	JA1UXV	2016	CW	SO	ALL	HIGH	NONE	17	17	9	153	
33	VU2TMP	2016	CW	SO	ALL	HIGH	NONE	5	5	4	20	VU2TMP

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	UN6LN	2016	CW	SO	ALL	LOW	NONE	355	547	105	57.435	UN6LN
2	7Z1SJ	2016	CW	SO	ALL	LOW	NONE	228	484	110	53.240	7Z1SJ
3	UA9BA	2016	CW	SO	ALL	LOW	NONE	202	398	101	40.198	
4	UD8A	2016	CW	SO	ALL	LOW	NONE	224	398	84	33.432	@UD8A
5	RW0AJ	2016	CW	SO	ALL	LOW	NONE	233	315	86	27.090	RW0AJ
6	R9IF	2016	CW	SO	ALL	LOW	NONE	229	311	79	24.569	R9IF
7	RU9TN	2016	CW	SO	ALL	LOW	NONE	209	323	68	21.964	RU9TN
8	UN7CN	2016	CW	SO	ALL	LOW	NONE	176	260	82	21.320	
9	RA9CCK	2016	CW	SO	ALL	LOW	NONE	157	307	65	19.955	
10	RN9RF	2016	CW	SO	ALL	LOW	NONE	164	242	69	16.698	
11	UN7PGA	2016	CW	SO	ALL	LOW	NONE	173	243	64	15.552	
12	R9QQ	2016	CW	SO	ALL	LOW	NONE	124	180	64	11.520	
13	RV9YK	2016	CW	SO	ALL	LOW	NONE	171	177	55	9.735	RV9YK
14	RT0O	2016	CW	SO	ALL	LOW	NONE	108	144	55	7.920	
15	JG3WDN	2016	CW	SO	ALL	LOW	NONE	123	149	51	7.599	
16	JE4MHL	2016	CW	SO	ALL	LOW	NONE	101	111	49	5.439	JE4MHL
17	RU9CI	2016	CW	SO	ALL	LOW	NONE	65	195	27	5.265	
18	R9YC	2016	CW	SO	ALL	LOW	NONE	66	102	46	4.692	
19	JA2KKA	2016	CW	SO	ALL	LOW	NONE	75	127	34	4.318	
20	JA1PCM	2016	CW	SO	ALL	LOW	NONE	89	89	44	3.916	
21	4Z5LU	2016	CW	SO	ALL	LOW	NONE	89	97	39	3.783	4Z5LU
22	UA9NP	2016	CW	SO	ALL	LOW	NONE	61	93	38	3.534	
23	JE1REU	2016	CW	SO	ALL	LOW	NONE	77	85	34	2.890	
24	JI1ALP	2016	CW	SO	ALL	LOW	NONE	42	76	32	2.432	JI1ALP
25	JA1CP	2016	CW	SO	ALL	LOW	NONE	62	64	35	2.240	JA1CP
26	JK8PBO	2016	CW	SO	ALL	LOW	NONE	68	68	26	1.768	JK8PBO
27	JE3ECD	2016	CW	SO	ALL	LOW	NONE	38	54	26	1.404	
28	JA0BJY	2016	CW	SO	ALL	LOW	NONE	50	50	24	1.200	
29	R9AJ	2016	CW	SO	ALL	LOW	NONE	26	78	13	1.014	
30	RC9M	2016	CW	SO	ALL	LOW	NONE	30	38	19	722	RC9M
31	R9OO	2016	CW	SO	ALL	LOW	NONE	35	35	20	700	
32	JJ3TBB/3	2016	CW	SO	ALL	LOW	NONE	21	35	19	665	JJ3TBB
33	JH4FUF	2016	CW	SO	ALL	LOW	NONE	38	38	17	646	JH4FUF
34	JH3WKE	2016	CW	SO	ALL	LOW	NONE	28	28	22	616	JH3WKE
35	JH2OMM	2016	CW	SO	ALL	LOW	NONE	30	30	14	420	
36	JE1RRK	2016	CW	SO	ALL	LOW	NONE	24	24	15	360	
37	JR2MIN	2016	CW	SO	ALL	LOW	NONE	25	25	14	350	
38	JA2QVP	2016	CW	SO	ALL	LOW	NONE	22	22	14	308	JA2QVP
39	JA7ZP	2016	CW	SO	ALL	LOW	NONE	14	28	11	308	JA7ZP
40	TC4A	2016	CW	SO	ALL	LOW	NONE	17	23	13	299	TA4CS
41	JE8CLT/8	2016	CW	SO	ALL	LOW	NONE	23	23	12	276	
42	JH1OGC	2016	CW	SO	ALL	LOW	NONE	20	20	13	260	
43	JA1SCE	2016	CW	SO	ALL	LOW	NONE	19	19	13	247	
44	JK1WXM	2016	CW	SO	ALL	LOW	NONE	21	21	11	231	
45	JA6CVR	2016	CW	SO	ALL	LOW	NONE	15	17	12	204	

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
46	VU2MUD	2016	CW	SO	ALL	LOW	NONE	16	16	11	176	VU2MUD
47	TA4A	2016	CW	SO	ALL	LOW	NONE	8	24	6	144	TA4A
48	JA2GHP	2016	CW	SO	ALL	LOW	NONE	12	12	9	108	JA2GHP
49	JA7MWC	2016	CW	SO	ALL	LOW	NONE	9	9	7	63	
50	JA6MQY	2016	CW	SO	ALL	LOW	NONE	4	12	3	36	JA6MQY
51	JG1WKM	2016	CW	SO	ALL	LOW	NONE	6	6	5	30	
52	JI1RSF	2016	CW	SO	ALL	LOW	NONE	6	6	5	30	JI1RSF
53	JA8AJE	2016	CW	SO	ALL	LOW	NONE	5	5	5	25	
54	JH1WOY	2016	CW	SO	ALL	LOW	NONE	5	5	5	25	JH1WOY
55	JM1LRA	2016	CW	SO	ALL	LOW	NONE	3	9	2	18	
56	TA1CH	2016	CW	SO	ALL	LOW	NONE	4	4	4	16	MESUT
57	JO1WIZ	2016	CW	SO	ALL	LOW	NONE	2	2	2	4	
58	JG2GSY	2016	CW	SO	ALL	LOW	NONE	1	3	1	3	
59	JR2FJC	2016	CW	SO	ALL	LOW	NONE	3	3	1	3	
60	JA4GQD	2016	CW	SO	ALL	LOW	NONE	1	1	1	1	

**Single Operator All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RA0AY	2016	CW	SO	ALL	QRP	NONE	68	124	37	4.588	
2	RK9DO	2016	CW	SO	ALL	QRP	NONE	74	74	26	1.924	RK9DO
3	UA0SBQ/P	2016	CW	SO	ALL	QRP	NONE	46	50	29	1.450	UA0SBQ
4	JK7DWD	2016	CW	SO	ALL	QRP	NONE	39	39	18	702	
5	JA2HNP	2016	CW	SO	ALL	QRP	NONE	29	29	18	522	
6	R0AFF	2016	CW	SO	ALL	QRP	NONE	19	21	13	273	
7	JF8LPB	2016	CW	SO	ALL	QRP	NONE	9	9	8	72	

**Single Operator Assisted All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	P3X	2016	CW	SA	ALL	HIGH	NONE	642	1.214	153	185.742	UT5UDX
2	RG9A	2016	CW	SA	ALL	HIGH	NONE	542	1.110	147	163.170	RG9A
3	UN7LZ	2016	CW	SA	ALL	HIGH	NONE	528	972	140	136.080	UN7LZ
4	RK8I	2016	CW	SA	ALL	HIGH	NONE	259	343	94	32.242	
5	JN1THL	2016	CW	SA	ALL	HIGH	NONE	115	169	49	8.281	JN1THL
6	RW0CR	2016	CW	SA	ALL	HIGH	NONE	99	175	47	8.225	
7	JH1RFM	2016	CW	SA	ALL	HIGH	NONE	98	118	52	6.136	JH1RFM
8	JA6BZI	2016	CW	SA	ALL	HIGH	NONE	95	119	49	5.831	JA6BZI
9	JO7KMB	2016	CW	SA	ALL	HIGH	NONE	85	119	46	5.474	
10	R0QA	2016	CW	SA	ALL	HIGH	NONE	85	85	38	3.230	R0QA
11	VU2IBI	2016	CW	SA	ALL	HIGH	NONE	46	46	29	1.334	VU2IBI
12	JO4CFV	2016	CW	SA	ALL	HIGH	NONE	26	26	17	442	JO4CFV

**Single Operator Assisted Low-Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	VU2PTT	2016	CW	SA	LOW-BAND	HIGH	NONE	58	174	29	5.046	VU2PTT
2	JA5NSR	2016	CW	SA	LOW-BAND	HIGH	NONE	42	126	24	3.024	
3	JA3VOV	2016	CW	SA	LOW-BAND	HIGH	NONE	3	9	3	27	

**Single Operator Assisted All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RA9AP	2016	CW	SA	ALL	LOW	NONE	311	499	115	57.385	RA9AP
2	R9AB	2016	CW	SA	ALL	LOW	NONE	289	563	98	55.174	R9AB
3	R9RT	2016	CW	SA	ALL	LOW	NONE	294	468	110	51.480	R9RT
4	UC9A	2016	CW	SA	ALL	LOW	NONE	292	528	90	47.520	UC9A
5	RA9MX	2016	CW	SA	ALL	LOW	NONE	224	348	90	31.320	RA9MX
6	UN8PT	2016	CW	SA	ALL	LOW	NONE	279	293	71	20.803	UN8PT
7	4X6FR	2016	CW	SA	ALL	LOW	NONE	116	134	62	8.308	4X6FR
8	RL9A	2016	CW	SA	ALL	LOW	NONE	157	157	50	7.850	RL9A
9	RK9UE	2016	CW	SA	ALL	LOW	NONE	126	142	54	7.668	RK9UE
10	VU2AE	2016	CW	SA	ALL	LOW	NONE	91	97	50	4.850	VU2AE
11	R9SS	2016	CW	SA	ALL	LOW	NONE	73	115	35	4.025	
12	VU2DED	2016	CW	SA	ALL	LOW	NONE	80	82	41	3.362	VU2DED
13	UA9UKL	2016	CW	SA	ALL	LOW	NONE	82	82	28	2.296	UA9UKL
14	JF1KWG	2016	CW	SA	ALL	LOW	NONE	59	59	35	2.065	
15	JE2CPI	2016	CW	SA	ALL	LOW	NONE	25	37	18	666	
16	JN1MSO	2016	CW	SA	ALL	LOW	NONE	36	36	18	648	JN1MSO
17	JF2OZH	2016	CW	SA	ALL	LOW	NONE	16	18	15	270	
18	JH1OES	2016	CW	SA	ALL	LOW	NONE	10	10	9	90	
19	JH0ILL	2016	CW	SA	ALL	LOW	NONE	11	11	8	88	
20	JA5FNX	2016	CW	SA	ALL	LOW	NONE	9	9	7	63	JA5FNX

**Single Operator Assisted All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RU0LAX	2016	CW	SA	ALL	QRP	NONE	24	56	18	1.008	

**Multi Operator Single Transmitter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	R0AK	2016	CW	MUL-ONE	ALL	HIGH	NONE	235	341	89	30.349	
2	RK9LWA	2016	CW	MUL-ONE	ALL	HIGH	NONE	157	211	76	16.036	R9LA R9LY
3	RW9C	2016	CW	MUL-ONE	ALL	HIGH	NONE	159	233	59	13.747	
4	RK9CYA	2016	CW	MUL-ONE	ALL	HIGH	NONE	82	110	36	3.960	RK9CR RK9DO
5	UI0L	2016	CW	MUL-ONE	ALL	HIGH	NONE	16	48	13	624	RA0LSO RW0LKB RW0MM UA0LFR UA0LSK
6	JJ2YKZ	2016	CW	MUL-ONE	ALL	HIGH	NONE	33	33	18	594	JK2VOC JO2CKU
7	VU2UR	2016	CW	MUL-ONE	ALL	HIGH	NONE	27	27	18	486	

**Checklogs**

RX9WN, UN7LAN



## EUROPE

### Single Operator All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	9A2AJ	2016	CW	SO	ALL	HIGH	NONE	450	450	129	58.050	9A2AJ
2	RT3F	2016	CW	SO	ALL	HIGH	NONE	396	396	125	49.500	RV3FW
3	RM1T	2016	CW	SO	ALL	HIGH	NONE	401	401	121	48.521	R1TE
4	EW8DX	2016	CW	SO	ALL	HIGH	NONE	437	437	109	47.633	EW8DX
5	LY2NK	2016	CW	SO	ALL	HIGH	NONE	381	381	123	46.863	LY2NK
6	YQ6A	2016	CW	SO	ALL	HIGH	NONE	353	353	121	42.713	YO6BHN
7	UA4PN	2016	CW	SO	ALL	HIGH	NONE	363	363	106	38.478	UA4PN
8	G3SWC	2016	CW	SO	ALL	HIGH	NONE	359	359	99	35.541	G3SWC
9	9A1CFR	2016	CW	SO	ALL	HIGH	NONE	327	327	100	32.700	9A2NO
10	US8UA	2016	CW	SO	ALL	HIGH	NONE	308	308	106	32.648	
11	RT5C	2016	CW	SO	ALL	HIGH	NONE	302	302	108	32.616	RT5C
12	DG5E	2016	CW	SO	ALL	HIGH	NONE	270	270	111	29.970	DK2CX
13	OK2EA	2016	CW	SO	ALL	HIGH	NONE	297	297	97	28.809	OK2EA
14	R6GE	2016	CW	SO	ALL	HIGH	NONE	280	280	101	28.280	R6GE
15	RW3YA	2016	CW	SO	ALL	HIGH	NONE	274	274	91	24.934	RW3YA
16	F6AUS	2016	CW	SO	ALL	HIGH	NONE	253	253	87	22.011	
17	SO7M	2016	CW	SO	ALL	HIGH	NONE	234	234	93	21.762	SP7JLH
18	DJ9DZ	2016	CW	SO	ALL	HIGH	NONE	229	229	91	20.839	
19	LZ1RW	2016	CW	SO	ALL	HIGH	NONE	274	274	73	20.002	LZ1RW
20	R3OM	2016	CW	SO	ALL	HIGH	NONE	229	229	85	19.465	
21	DK1WI	2016	CW	SO	ALL	HIGH	NONE	207	207	84	17.388	
22	DL3GA	2016	CW	SO	ALL	HIGH	NONE	221	221	78	17.238	DL3GA
23	F6HDI	2016	CW	SO	ALL	HIGH	NONE	209	209	81	16.929	F6HDI
24	R3DCX	2016	CW	SO	ALL	HIGH	NONE	187	187	85	15.895	
25	US7IA	2016	CW	SO	ALL	HIGH	NONE	206	206	74	15.244	US7IA

## Single Operator All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
26	R8FT	2016	CW	SO	ALL	HIGH	NONE	205	205	71	14.555	R8FT
27	OK1AWC	2016	CW	SO	ALL	HIGH	NONE	177	177	81	14.337	
28	MM3N	2016	CW	SO	ALL	HIGH	NONE	187	187	76	14.212	GM4SID
29	OK2ABU	2016	CW	SO	ALL	HIGH	NONE	196	196	72	14.112	
30	LY4T	2016	CW	SO	ALL	HIGH	NONE	167	167	78	13.026	
31	G4HZV	2016	CW	SO	ALL	HIGH	NONE	153	153	70	10.710	G4HZV
32	EW8OM	2016	CW	SO	ALL	HIGH	NONE	147	147	65	9.555	
33	OE3BKC	2016	CW	SO	ALL	HIGH	NONE	143	143	65	9.295	
34	RU6MO	2016	CW	SO	ALL	HIGH	NONE	160	160	57	9.120	RU6MO
35	DL2OM	2016	CW	SO	ALL	HIGH	NONE	156	156	58	9.048	
36	R6AP	2016	CW	SO	ALL	HIGH	NONE	134	134	62	8.308	
37	UR4IZ	2016	CW	SO	ALL	HIGH	NONE	140	140	57	7.980	UR4IZ
38	RW4AD	2016	CW	SO	ALL	HIGH	NONE	136	136	58	7.888	RW4AD
39	RN2FQ	2016	CW	SO	ALL	HIGH	NONE	125	125	62	7.750	RN2FQ
40	ES6Q	2016	CW	SO	ALL	HIGH	NONE	113	113	66	7.458	ES5RY
41	M2G	2016	CW	SO	ALL	HIGH	NONE	132	132	53	6.996	G4RCG
42	PE1HWO	2016	CW	SO	ALL	HIGH	NONE	118	118	53	6.254	
43	DL1YCF	2016	CW	SO	ALL	HIGH	NONE	108	108	56	6.048	DL1YCF
44	RA1CP	2016	CW	SO	ALL	HIGH	NONE	117	117	48	5.616	
45	IT9SSI	2016	CW	SO	ALL	HIGH	NONE	95	95	58	5.510	
46	G3GLL	2016	CW	SO	ALL	HIGH	NONE	90	90	60	5.400	G3GLL
47	ES1BH	2016	CW	SO	ALL	HIGH	NONE	93	93	54	5.022	
48	DK0SU	2016	CW	SO	ALL	HIGH	NONE	96	96	52	4.992	DF7SA
49	G3ZGC	2016	CW	SO	ALL	HIGH	NONE	100	100	49	4.900	G3ZGC
50	DF5BX	2016	CW	SO	ALL	HIGH	NONE	89	89	51	4.539	DF5BX
51	RM6Y	2016	CW	SO	ALL	HIGH	NONE	104	104	43	4.472	
52	SO5N	2016	CW	SO	ALL	HIGH	NONE	84	84	49	4.116	SP5BMU
53	DF8AA	2016	CW	SO	ALL	HIGH	NONE	73	73	45	3.285	
54	OM4CI	2016	CW	SO	ALL	HIGH	NONE	73	73	44	3.212	
55	S51DX	2016	CW	SO	ALL	HIGH	NONE	89	89	34	3.026	S51DX
56	RM4R	2016	CW	SO	ALL	HIGH	NONE	70	70	43	3.010	
57	RA3TT	2016	CW	SO	ALL	HIGH	NONE	68	68	43	2.924	RA3TT
58	US0UX	2016	CW	SO	ALL	HIGH	NONE	59	59	46	2.714	
59	RA7R	2016	CW	SO	ALL	HIGH	NONE	80	80	31	2.480	RA7R
60	UA3DSN	2016	CW	SO	ALL	HIGH	NONE	59	59	33	1.947	
61	DL5DBY	2016	CW	SO	ALL	HIGH	NONE	37	37	26	962	
62	UA3UCD	2016	CW	SO	ALL	HIGH	NONE	38	38	22	836	
63	EU8F	2016	CW	SO	ALL	HIGH	NONE	29	29	19	551	EU8F
64	DL7LX	2016	CW	SO	ALL	HIGH	NONE	23	23	19	437	DL7LX
65	IT9BLB	2016	CW	SO	ALL	HIGH	NONE	14	14	14	196	
66	UA3RU	2016	CW	SO	ALL	HIGH	NONE	4	4	4	16	
67	HB9EDY	2016	CW	SO	ALL	HIGH	NONE	1	1	1	1	OH6EDY

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	9A5Y	2016	CW	SO	ALL	LOW	NONE	504	504	134	67.536	9A7W
2	RA3Y	2016	CW	SO	ALL	LOW	NONE	426	426	121	51.546	
3	LZ2PS	2016	CW	SO	ALL	LOW	NONE	394	394	109	42.946	LZ2PS
4	EI3KI	2016	CW	SO	ALL	LOW	NONE	365	365	105	38.325	EI3KI
5	OL8M	2016	CW	SO	ALL	LOW	NONE	347	347	102	35.394	
6	OK2MBP	2016	CW	SO	ALL	LOW	NONE	334	334	104	34.736	
7	HA3MU	2016	CW	SO	ALL	LOW	NONE	321	321	101	32.421	HA3MU
8	UY5AR	2016	CW	SO	ALL	LOW	NONE	308	308	105	32.340	UY5AR
9	UR0HQ	2016	CW	SO	ALL	LOW	NONE	305	305	97	29.585	UR0HQ
10	EA5FX	2016	CW	SO	ALL	LOW	NONE	254	254	112	28.448	
11	HA6OA	2016	CW	SO	ALL	LOW	NONE	302	302	93	28.086	HA6OA
12	IU4AZC	2016	CW	SO	ALL	LOW	NONE	255	255	108	27.540	
13	UX3HA	2016	CW	SO	ALL	LOW	NONE	296	296	93	27.528	
14	UR5MM	2016	CW	SO	ALL	LOW	NONE	299	299	92	27.508	
15	RO5O	2016	CW	SO	ALL	LOW	NONE	296	296	92	27.232	RO5O
16	DL5KUD	2016	CW	SO	ALL	LOW	NONE	271	271	100	27.100	DL5KUD
17	RV3ZN	2016	CW	SO	ALL	LOW	NONE	270	270	100	27.000	RV3ZN
18	SP1AEN	2016	CW	SO	ALL	LOW	NONE	301	301	86	25.886	SP1AEN
19	RA4ACX	2016	CW	SO	ALL	LOW	NONE	286	286	90	25.740	RA4ACX
20	UX1CL	2016	CW	SO	ALL	LOW	NONE	261	261	86	22.446	
21	R7CT	2016	CW	SO	ALL	LOW	NONE	253	253	84	21.252	R7CT
22	UA3ABJ	2016	CW	SO	ALL	LOW	NONE	239	239	88	21.032	
23	UR5GAW	2016	CW	SO	ALL	LOW	NONE	223	223	93	20.739	
24	OM7AX	2016	CW	SO	ALL	LOW	NONE	226	226	84	18.984	OM7AX
25	YL3AD	2016	CW	SO	ALL	LOW	NONE	234	234	77	18.018	YL3AD
26	UR5FS	2016	CW	SO	ALL	LOW	NONE	230	230	77	17.710	UR5FS
27	R3AP	2016	CW	SO	ALL	LOW	NONE	201	201	86	17.286	
28	RM2T	2016	CW	SO	ALL	LOW	NONE	226	226	76	17.176	RM2T
29	RX3VF	2016	CW	SO	ALL	LOW	NONE	223	223	76	16.948	RX3VF
30	RZ1OK	2016	CW	SO	ALL	LOW	NONE	206	206	81	16.686	RZ1OK
31	EU1AI	2016	CW	SO	ALL	LOW	NONE	207	207	80	16.560	
32	RA1QE	2016	CW	SO	ALL	LOW	NONE	197	197	82	16.154	RA1QE
33	9A2BD	2016	CW	SO	ALL	LOW	NONE	205	205	77	15.785	9A2BD
34	RA3VX	2016	CW	SO	ALL	LOW	NONE	205	205	77	15.785	RA3VX
35	R2OM	2016	CW	SO	ALL	LOW	NONE	239	239	66	15.774	
36	OK1HEH	2016	CW	SO	ALL	LOW	NONE	209	209	75	15.675	OK1HEH
37	EW8G	2016	CW	SO	ALL	LOW	NONE	204	204	76	15.504	
38	CT1ELZ	2016	CW	SO	ALL	LOW	NONE	184	184	83	15.272	CT1ELZ
39	DF6RI	2016	CW	SO	ALL	LOW	NONE	184	184	83	15.272	
40	OK1FCA	2016	CW	SO	ALL	LOW	NONE	206	206	71	14.626	OK1FCA
41	OK1KA	2016	CW	SO	ALL	LOW	NONE	189	189	77	14.553	
42	R4WAE	2016	CW	SO	ALL	LOW	NONE	231	231	63	14.553	
43	RN4SC	2016	CW	SO	ALL	LOW	NONE	201	201	72	14.472	RN4SC
44	E79EA	2016	CW	SO	ALL	LOW	NONE	189	189	76	14.364	
45	UY3CC	2016	CW	SO	ALL	LOW	NONE	183	183	78	14.274	

## Single Operator All Band Low PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
46	DF3OL	2016	CW	SO	ALL	LOW	NONE	201	201	70	14.070	DF3OL
47	UC5D	2016	CW	SO	ALL	LOW	NONE	180	180	75	13.500	UC5D
48	OM8FF	2016	CW	SO	ALL	LOW	NONE	187	187	72	13.464	
49	UA4CNJ	2016	CW	SO	ALL	LOW	NONE	189	189	71	13.419	
50	IZ5ICH	2016	CW	SO	ALL	LOW	NONE	161	161	82	13.202	
51	9A8FCC	2016	CW	SO	ALL	LOW	NONE	181	181	72	13.032	9A8FCC
52	PA2W	2016	CW	SO	ALL	LOW	NONE	180	180	71	12.780	PA2W
53	IN3FHE	2016	CW	SO	ALL	LOW	NONE	162	162	77	12.474	
54	US3EW	2016	CW	SO	ALL	LOW	NONE	186	186	65	12.090	
55	F5ICC	2016	CW	SO	ALL	LOW	NONE	170	170	71	12.070	F5ICC
56	OM3BA	2016	CW	SO	ALL	LOW	NONE	167	167	72	12.024	OM3BA
57	ON3ND	2016	CW	SO	ALL	LOW	NONE	168	168	71	11.928	
58	UY5QR	2016	CW	SO	ALL	LOW	NONE	159	159	75	11.925	
59	DL5JAN	2016	CW	SO	ALL	LOW	NONE	165	165	71	11.715	
60	RV3MR	2016	CW	SO	ALL	LOW	NONE	164	164	71	11.644	RV3MR
61	F6GCI	2016	CW	SO	ALL	LOW	NONE	153	153	71	10.863	
62	R3MU	2016	CW	SO	ALL	LOW	NONE	157	157	68	10.676	R3MU
63	DF5BM	2016	CW	SO	ALL	LOW	NONE	161	161	63	10.143	
64	UY5TE	2016	CW	SO	ALL	LOW	NONE	159	159	63	10.017	
65	OK1HWB	2016	CW	SO	ALL	LOW	NONE	151	151	66	9.966	
66	G3RSD	2016	CW	SO	ALL	LOW	NONE	146	146	67	9.782	G3RSD
67	YL2QV	2016	CW	SO	ALL	LOW	NONE	151	151	63	9.513	YL2QV
68	RA3XCZ	2016	CW	SO	ALL	LOW	NONE	152	152	62	9.424	
69	OE5CYL	2016	CW	SO	ALL	LOW	NONE	147	147	63	9.261	OE5CYL
70	DG7EE	2016	CW	SO	ALL	LOW	NONE	140	140	66	9.240	DG7EE
71	RG5A/6	2016	CW	SO	ALL	LOW	NONE	140	140	66	9.240	RG5A
72	EV6Z	2016	CW	SO	ALL	LOW	NONE	160	160	57	9.120	
73	RA3MD	2016	CW	SO	ALL	LOW	NONE	127	127	71	9.017	RA3MD
74	LZ2FM	2016	CW	SO	ALL	LOW	NONE	145	145	61	8.845	
75	CT1IQI	2016	CW	SO	ALL	LOW	NONE	150	150	57	8.550	CT1IQI
76	ES2MC	2016	CW	SO	ALL	LOW	NONE	124	124	68	8.432	ES2MC
77	IW2FUT	2016	CW	SO	ALL	LOW	NONE	139	139	60	8.340	IW2FUT
78	OM7AG	2016	CW	SO	ALL	LOW	NONE	141	141	59	8.319	
79	R4MZ	2016	CW	SO	ALL	LOW	NONE	137	137	60	8.220	
80	OK2BH	2016	CW	SO	ALL	LOW	NONE	141	141	58	8.178	
81	UR5WFP	2016	CW	SO	ALL	LOW	NONE	124	124	65	8.060	
82	RX9FB	2016	CW	SO	ALL	LOW	NONE	151	151	53	8.003	RX9FB
83	DA3T	2016	CW	SO	ALL	LOW	NONE	121	121	64	7.744	DA3T
84	IV3HAX	2016	CW	SO	ALL	LOW	NONE	129	129	60	7.740	
85	DJ3CS	2016	CW	SO	ALL	LOW	NONE	128	128	60	7.680	DJ3CS
86	OK5SA	2016	CW	SO	ALL	LOW	NONE	127	127	60	7.620	
87	RZ3AMW	2016	CW	SO	ALL	LOW	NONE	123	123	61	7.503	RZ3AMW
88	DL5CD	2016	CW	SO	ALL	LOW	NONE	128	128	58	7.424	
89	YO4SI	2016	CW	SO	ALL	LOW	NONE	116	116	61	7.076	YO4SI
90	UR5EPV	2016	CW	SO	ALL	LOW	NONE	141	141	50	7.050	UR5EPV

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
91	OK5NW	2016	CW	SO	ALL	LOW	NONE	141	141	48	6.768	OK5NW
92	SP2GCE	2016	CW	SO	ALL	LOW	NONE	109	109	62	6.758	
93	RQ4D/1	2016	CW	SO	ALL	LOW	NONE	137	137	49	6.713	RQ4D
94	UA4NF	2016	CW	SO	ALL	LOW	NONE	123	123	54	6.642	
95	YU1FG	2016	CW	SO	ALL	LOW	NONE	120	120	55	6.600	YU1FG
96	OK2GU	2016	CW	SO	ALL	LOW	NONE	126	126	52	6.552	
97	OM8HG	2016	CW	SO	ALL	LOW	NONE	126	126	52	6.552	OM8HG
98	SP2ILQ	2016	CW	SO	ALL	LOW	NONE	112	112	58	6.496	SP2ILQ
99	UA6HFI	2016	CW	SO	ALL	LOW	NONE	113	113	56	6.328	UA6HFI
100	PA3DBS	2016	CW	SO	ALL	LOW	NONE	118	118	52	6.136	PA3DBS
101	F5JU	2016	CW	SO	ALL	LOW	NONE	124	124	49	6.076	F5JU
102	DJ2IA	2016	CW	SO	ALL	LOW	NONE	111	111	54	5.994	DJ2IA
103	G3VYI	2016	CW	SO	ALL	LOW	NONE	108	108	55	5.940	G3VYI
104	DJ6TK	2016	CW	SO	ALL	LOW	NONE	108	108	54	5.832	DJ6TK
105	UY0CA	2016	CW	SO	ALL	LOW	NONE	106	106	54	5.724	
106	UR7VA	2016	CW	SO	ALL	LOW	NONE	108	108	52	5.616	
107	EA7KB	2016	CW	SO	ALL	LOW	NONE	115	115	48	5.520	
108	UA4FDL	2016	CW	SO	ALL	LOW	NONE	102	102	54	5.508	UA4FDL
109	LZ3V	2016	CW	SO	ALL	LOW	NONE	110	110	50	5.500	LZ1NY
110	UA4QK	2016	CW	SO	ALL	LOW	NONE	131	131	41	5.371	
111	RU4H	2016	CW	SO	ALL	LOW	NONE	127	127	42	5.334	
112	IK2AOO	2016	CW	SO	ALL	LOW	NONE	99	99	53	5.247	IK2AOO
113	Z35F	2016	CW	SO	ALL	LOW	NONE	134	134	38	5.092	
114	SQ65HSC	2016	CW	SO	ALL	LOW	NONE	110	110	46	5.060	SP3LPR
115	IK4VET	2016	CW	SO	ALL	LOW	NONE	102	102	49	4.998	
116	R9XS	2016	CW	SO	ALL	LOW	NONE	108	108	46	4.968	R9XS
117	DL3FBB	2016	CW	SO	ALL	LOW	NONE	97	97	51	4.947	
118	SQ3WW	2016	CW	SO	ALL	LOW	NONE	100	100	49	4.900	SQ3WW
119	PA2CHM	2016	CW	SO	ALL	LOW	NONE	104	104	47	4.888	PA2CHM
120	UR8GX	2016	CW	SO	ALL	LOW	NONE	104	104	47	4.888	UR8GX
121	G4DBW	2016	CW	SO	ALL	LOW	NONE	109	109	42	4.578	G4DBW
122	PA5SKY	2016	CW	SO	ALL	LOW	NONE	94	94	48	4.512	PA5SKY
123	YU1DX	2016	CW	SO	ALL	LOW	NONE	124	124	36	4.464	YU1DX
124	IU6AIG	2016	CW	SO	ALL	LOW	NONE	92	92	48	4.416	
125	DJ50MUC	2016	CW	SO	ALL	LOW	NONE	86	86	51	4.386	DK3YD
126	IK2AUK	2016	CW	SO	ALL	LOW	NONE	97	97	45	4.365	IK2AUK
127	DK5ZX	2016	CW	SO	ALL	LOW	NONE	92	92	47	4.324	DK5ZX
128	SP2BLC	2016	CW	SO	ALL	LOW	NONE	124	124	33	4.092	SP2BLC
129	UA6ARR	2016	CW	SO	ALL	LOW	NONE	119	119	34	4.046	UA6ARR
130	EA1BDX	2016	CW	SO	ALL	LOW	NONE	106	106	37	3.922	EA1BDX
131	SV2JAO	2016	CW	SO	ALL	LOW	NONE	108	108	36	3.888	SV2JAO
132	DL3CX	2016	CW	SO	ALL	LOW	NONE	95	95	39	3.705	DL3CX
133	DL0ABT	2016	CW	SO	ALL	LOW	NONE	87	87	42	3.654	
134	YL2HB	2016	CW	SO	ALL	LOW	NONE	76	76	47	3.572	
135	LZ1VKD	2016	CW	SO	ALL	LOW	NONE	108	108	33	3.564	

## Single Operator All Band Low PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
136	RJ7M	2016	CW	SO	ALL	LOW	NONE	89	89	39	3.471	RJ7M
137	DL9GMC	2016	CW	SO	ALL	LOW	NONE	88	88	39	3.432	
138	G3PJT	2016	CW	SO	ALL	LOW	NONE	75	75	44	3.300	
139	SN6A	2016	CW	SO	ALL	LOW	NONE	86	86	38	3.268	SP6CES
140	F5MA	2016	CW	SO	ALL	LOW	NONE	85	85	38	3.230	
141	I0ZUT	2016	CW	SO	ALL	LOW	NONE	82	82	38	3.116	
142	PA5GU	2016	CW	SO	ALL	LOW	NONE	81	81	38	3.078	PA5GU
143	IK2WYI	2016	CW	SO	ALL	LOW	NONE	96	96	32	3.072	
144	UX7QD	2016	CW	SO	ALL	LOW	NONE	99	99	31	3.069	
145	LZ5PL	2016	CW	SO	ALL	LOW	NONE	77	77	39	3.003	LZ5PL
146	DK3CC	2016	CW	SO	ALL	LOW	NONE	83	83	36	2.988	
147	EA5/DK5IM	2016	CW	SO	ALL	LOW	NONE	78	78	38	2.964	
148	PA2PCH	2016	CW	SO	ALL	LOW	NONE	74	74	40	2.960	PA2PCH
149	UT7MR	2016	CW	SO	ALL	LOW	NONE	80	80	37	2.960	
150	UY6U	2016	CW	SO	ALL	LOW	NONE	81	81	36	2.916	UX7UU
151	YO4BEX	2016	CW	SO	ALL	LOW	NONE	96	96	30	2.880	
152	EI3CTB	2016	CW	SO	ALL	LOW	NONE	70	70	41	2.870	
153	OK1DXW	2016	CW	SO	ALL	LOW	NONE	70	70	41	2.870	OK1DXW
154	PA2REH	2016	CW	SO	ALL	LOW	NONE	73	73	39	2.847	PA2REH
155	EW6EN	2016	CW	SO	ALL	LOW	NONE	76	76	37	2.812	EW6EN
156	RA4HL	2016	CW	SO	ALL	LOW	NONE	75	75	37	2.775	RA4HL
157	IK2UJF	2016	CW	SO	ALL	LOW	NONE	77	77	36	2.772	
158	UT5UQV	2016	CW	SO	ALL	LOW	NONE	61	61	45	2.745	UT5UQV
159	IK2NUX	2016	CW	SO	ALL	LOW	NONE	79	79	34	2.686	
160	PA0CT	2016	CW	SO	ALL	LOW	NONE	77	77	34	2.618	PA0CT
161	LZ8Z	2016	CW	SO	ALL	LOW	NONE	87	87	30	2.610	
162	IK0OKY	2016	CW	SO	ALL	LOW	NONE	74	74	35	2.590	
163	PA0WLB	2016	CW	SO	ALL	LOW	NONE	70	70	37	2.590	PA0WLB
164	YO4TL	2016	CW	SO	ALL	LOW	NONE	82	82	31	2.542	
165	9A4W	2016	CW	SO	ALL	LOW	NONE	59	59	43	2.537	
166	LZ1FJ	2016	CW	SO	ALL	LOW	NONE	83	83	30	2.490	LZ1FJ
167	SQ9FQY	2016	CW	SO	ALL	LOW	NONE	71	71	35	2.485	
168	RK3P	2016	CW	SO	ALL	LOW	NONE	74	74	33	2.442	RK3P
169	UX1HW/M	2016	CW	SO	ALL	LOW	NONE	71	71	34	2.414	UA8DA
170	LY2KA	2016	CW	SO	ALL	LOW	NONE	65	65	37	2.405	
171	HB9ELD	2016	CW	SO	ALL	LOW	NONE	80	80	30	2.400	
172	OK8KM	2016	CW	SO	ALL	LOW	NONE	70	70	34	2.380	OK8KM
173	RW3VA	2016	CW	SO	ALL	LOW	NONE	66	66	35	2.310	RW3VA
174	DL2AXM	2016	CW	SO	ALL	LOW	NONE	59	59	39	2.301	DL2AXM
175	PA0TCA	2016	CW	SO	ALL	LOW	NONE	74	74	30	2.220	PA0TCA
176	ON5WL	2016	CW	SO	ALL	LOW	NONE	65	65	34	2.210	ON5WL
177	LY2AJ	2016	CW	SO	ALL	LOW	NONE	54	54	40	2.160	LY2AJ
178	SP2GKQ	2016	CW	SO	ALL	LOW	NONE	71	71	30	2.130	SP2GKQ
179	OK1HFP	2016	CW	SO	ALL	LOW	NONE	75	75	28	2.100	OK1HFP
180	DL2ZA	2016	CW	SO	ALL	LOW	NONE	65	65	32	2.080	DL2ZA

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
181	R3AQ	2016	CW	SO	ALL	LOW	NONE	66	66	31	2.046	R3AQ
182	SP4AWE	2016	CW	SO	ALL	LOW	NONE	72	72	27	1.944	SP4AWE
183	UX7U	2016	CW	SO	ALL	LOW	NONE	62	62	31	1.922	UX7UA
184	G3XQX	2016	CW	SO	ALL	LOW	NONE	58	58	32	1.856	G3XQX
185	UR4LIN	2016	CW	SO	ALL	LOW	NONE	53	53	35	1.855	
186	SQ9FMU	2016	CW	SO	ALL	LOW	NONE	54	54	32	1.728	SQ9FMU
187	PA0RBA	2016	CW	SO	ALL	LOW	NONE	49	49	35	1.715	PA0RBA
188	SP9KJU	2016	CW	SO	ALL	LOW	NONE	60	60	28	1.680	SP9MDY
189	UA3DCE	2016	CW	SO	ALL	LOW	NONE	64	64	26	1.664	
190	PA0WKI	2016	CW	SO	ALL	LOW	NONE	52	52	31	1.612	PA0WKI
191	HB9CPS	2016	CW	SO	ALL	LOW	NONE	58	58	27	1.566	HB9CPS
192	G6AY	2016	CW	SO	ALL	LOW	NONE	67	67	23	1.541	G3RTE
193	IK2SAU	2016	CW	SO	ALL	LOW	NONE	40	40	38	1.520	
194	PA0VDV	2016	CW	SO	ALL	LOW	NONE	48	48	30	1.440	PA0VDV
195	PA3ARM	2016	CW	SO	ALL	LOW	NONE	51	51	28	1.428	PA3ARM
196	DG3BCZ	2016	CW	SO	ALL	LOW	NONE	46	46	31	1.426	
197	ON5JD	2016	CW	SO	ALL	LOW	NONE	51	51	26	1.326	ON5JD
198	IK1RGK	2016	CW	SO	ALL	LOW	NONE	50	50	26	1.300	
199	F8FQJ	2016	CW	SO	ALL	LOW	NONE	48	48	26	1.248	F8FQJ
200	OK1PFM	2016	CW	SO	ALL	LOW	NONE	48	48	26	1.248	
201	UT5IZ	2016	CW	SO	ALL	LOW	NONE	58	58	21	1.218	UT5IZ
202	SP6BEN	2016	CW	SO	ALL	LOW	NONE	50	50	23	1.150	
203	DK3PM	2016	CW	SO	ALL	LOW	NONE	39	39	29	1.131	
204	RD1T	2016	CW	SO	ALL	LOW	NONE	47	47	24	1.128	
205	DM5JBN	2016	CW	SO	ALL	LOW	NONE	48	48	23	1.104	DM5JBN
206	R3RU	2016	CW	SO	ALL	LOW	NONE	34	34	32	1.088	
207	DL3KWF	2016	CW	SO	ALL	LOW	NONE	43	43	25	1.075	
208	HA5CQZ	2016	CW	SO	ALL	LOW	NONE	36	36	29	1.044	
209	GM0WED	2016	CW	SO	ALL	LOW	NONE	41	41	23	943	GM0WED
210	SQ5EF	2016	CW	SO	ALL	LOW	NONE	39	39	24	936	SQ5EF
211	PD7CJT	2016	CW	SO	ALL	LOW	NONE	53	53	17	901	PD7CJT
212	OK1DWQ	2016	CW	SO	ALL	LOW	NONE	44	44	20	880	OK1DWQ/P
213	OE1EBC	2016	CW	SO	ALL	LOW	NONE	35	35	25	875	OE1EBC
214	DL4Szb	2016	CW	SO	ALL	LOW	NONE	40	40	21	840	
215	HA0HW	2016	CW	SO	ALL	LOW	NONE	49	49	17	833	HA0HW
216	SP6IHE	2016	CW	SO	ALL	LOW	NONE	38	38	20	760	SP6IHE
217	IK2CMI	2016	CW	SO	ALL	LOW	NONE	34	34	22	748	
218	OK1DVA	2016	CW	SO	ALL	LOW	NONE	34	34	22	748	
219	DL1THB	2016	CW	SO	ALL	LOW	NONE	41	41	18	738	
220	CT1APP	2016	CW	SO	ALL	LOW	NONE	29	29	24	696	CT1APP
221	R6LAQ	2016	CW	SO	ALL	LOW	NONE	30	30	20	600	
222	IK4XQT	2016	CW	SO	ALL	LOW	NONE	29	29	20	580	
223	F3WT	2016	CW	SO	ALL	LOW	NONE	25	25	23	575	
224	OK2QX	2016	CW	SO	ALL	LOW	NONE	26	26	19	494	
225	HA5UA	2016	CW	SO	ALL	LOW	NONE	27	27	16	432	

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
226	M5M	2016	CW	SO	ALL	LOW	NONE	34	34	12	408	G4OGB
227	US7IGN/P	2016	CW	SO	ALL	LOW	NONE	22	22	18	396	US7IGN
228	DG8KAD	2016	CW	SO	ALL	LOW	NONE	24	24	16	384	DG8KAD
229	DO9ST	2016	CW	SO	ALL	LOW	NONE	24	24	15	360	DO9ST
230	PG2W	2016	CW	SO	ALL	LOW	NONE	22	22	16	352	PG2W
231	PA3HGF	2016	CW	SO	ALL	LOW	NONE	24	24	13	312	PA3HGF
232	I8JYK	2016	CW	SO	ALL	LOW	NONE	21	21	13	273	
233	IK2SAR	2016	CW	SO	ALL	LOW	NONE	20	20	13	260	IK2SAR
234	DL7YS	2016	CW	SO	ALL	LOW	NONE	18	18	14	252	DL7YS
235	F4FFN	2016	CW	SO	ALL	LOW	NONE	20	20	12	240	
236	F8OOI	2016	CW	SO	ALL	LOW	NONE	17	17	14	238	F8OOI
237	UR5FCM	2016	CW	SO	ALL	LOW	NONE	19	19	12	228	UR5FCM
238	DL3JRA	2016	CW	SO	ALL	LOW	NONE	18	18	12	216	
239	ON6LO	2016	CW	SO	ALL	LOW	NONE	18	18	11	198	
240	IK2IKW	2016	CW	SO	ALL	LOW	NONE	16	16	11	176	IK2IKW
241	IZ2CSX	2016	CW	SO	ALL	LOW	NONE	13	13	13	169	
242	I5YKQ	2016	CW	SO	ALL	LOW	NONE	15	15	11	165	
243	SP3FSM	2016	CW	SO	ALL	LOW	NONE	14	14	11	154	SP3FSM
244	DL6ER	2016	CW	SO	ALL	LOW	NONE	16	16	9	144	DL6ER
245	DL7ET	2016	CW	SO	ALL	LOW	NONE	12	12	11	132	
246	DL9CW	2016	CW	SO	ALL	LOW	NONE	11	11	11	121	
247	OK1PX	2016	CW	SO	ALL	LOW	NONE	11	11	11	121	OK1PX
248	RZ3FQ	2016	CW	SO	ALL	LOW	NONE	8	8	8	64	RZ3FQ
249	YO9BXE	2016	CW	SO	ALL	LOW	NONE	7	7	7	49	YO9BXE
250	SQ2RH	2016	CW	SO	ALL	LOW	NONE	4	4	2	8	SQ2RH
251	DH8MS	2016	CW	SO	ALL	LOW	NONE	3	3	2	6	DH8MS

**Single Operator All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	EU6DX	2016	CW	SO	ALL	QRP	NONE	277	277	100	27.700	EU6DX
2	HG3C	2016	CW	SO	ALL	QRP	NONE	194	194	71	13.774	HA3HX
3	YL2CV	2016	CW	SO	ALL	QRP	NONE	177	177	68	12.036	YL2CV
4	DL8MBS	2016	CW	SO	ALL	QRP	NONE	179	179	67	11.993	DL8MBS
5	UA9FGJ	2016	CW	SO	ALL	QRP	NONE	187	187	61	11.407	
6	RN4HAB	2016	CW	SO	ALL	QRP	NONE	175	175	61	10.675	RN4HAB
7	DL2TM	2016	CW	SO	ALL	QRP	NONE	142	142	65	9.230	
8	PA9CW	2016	CW	SO	ALL	QRP	NONE	146	146	62	9.052	PA9CW
9	OK6OK	2016	CW	SO	ALL	QRP	NONE	158	158	57	9.006	
10	9A2EY	2016	CW	SO	ALL	QRP	NONE	155	155	58	8.990	9A2EY
11	F6FTB	2016	CW	SO	ALL	QRP	NONE	116	116	69	8.004	F6FTB
12	IV3DRP	2016	CW	SO	ALL	QRP	NONE	134	134	58	7.772	
13	OK2BLD	2016	CW	SO	ALL	QRP	NONE	124	124	61	7.564	OK2BLD
14	UY7LM	2016	CW	SO	ALL	QRP	NONE	111	111	62	6.882	UY7LM
15	RN4AO	2016	CW	SO	ALL	QRP	NONE	142	142	43	6.106	

**Single Operator All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
16	ON7CC	2016	CW	SO	ALL	QRP	NONE	100	100	55	5.500	ON7CC
17	RK4A	2016	CW	SO	ALL	QRP	NONE	127	127	35	4.445	
18	DJ3GE	2016	CW	SO	ALL	QRP	NONE	100	100	37	3.700	DJ3GE
19	US5VX	2016	CW	SO	ALL	QRP	NONE	108	108	34	3.672	US5VX
20	RW3AI	2016	CW	SO	ALL	QRP	NONE	83	83	37	3.071	
21	DM2DZM	2016	CW	SO	ALL	QRP	NONE	77	77	36	2.772	DM2DZM
22	HA5BA	2016	CW	SO	ALL	QRP	NONE	66	66	36	2.376	
23	LY3G	2016	CW	SO	ALL	QRP	NONE	59	59	37	2.183	LY3G
24	SP6BXM	2016	CW	SO	ALL	QRP	NONE	61	61	35	2.135	SP6BXM
25	YO4AAC	2016	CW	SO	ALL	QRP	NONE	73	73	29	2.117	YO4AAC
26	UA3PP	2016	CW	SO	ALL	QRP	NONE	53	53	36	1.908	UA3PP
27	RV3DBK	2016	CW	SO	ALL	QRP	NONE	49	49	32	1.568	
28	DL2BIS	2016	CW	SO	ALL	QRP	NONE	48	48	29	1.392	
29	UT9EZ	2016	CW	SO	ALL	QRP	NONE	44	44	31	1.364	UT9EZ
30	DF5RF	2016	CW	SO	ALL	QRP	NONE	44	44	22	968	
31	DD0VS	2016	CW	SO	ALL	QRP	NONE	30	30	22	660	
32	9A/R2AF/P	2016	CW	SO	ALL	QRP	NONE	30	30	21	630	
33	DL8TG	2016	CW	SO	ALL	QRP	NONE	30	30	19	570	DL8TG
34	PA0RBO	2016	CW	SO	ALL	QRP	NONE	25	25	19	475	PA0RBO
35	UA4WJ	2016	CW	SO	ALL	QRP	NONE	22	22	16	352	
36	SQ3OGP	2016	CW	SO	ALL	QRP	NONE	10	10	7	70	

**Single Operator Assisted All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	UT4U	2016	CW	SA	ALL	HIGH	NONE	528	528	149	78.672	UT5UJO
2	RK4FL	2016	CW	SA	ALL	HIGH	NONE	515	515	130	66.950	
3	RN6A	2016	CW	SA	ALL	HIGH	NONE	485	485	133	64.505	RN6A
4	UC7A	2016	CW	SA	ALL	HIGH	NONE	472	472	133	62.776	UC7A
5	SV5DKL	2016	CW	SA	ALL	HIGH	NONE	407	407	139	56.573	SV5DKL
6	LZ7A	2016	CW	SA	ALL	HIGH	NONE	452	452	125	56.500	LZ1DMF
7	R7AB	2016	CW	SA	ALL	HIGH	NONE	450	450	124	55.800	R7DA
8	EU8U	2016	CW	SA	ALL	HIGH	NONE	450	450	122	54.900	
9	RL4F	2016	CW	SA	ALL	HIGH	NONE	432	432	126	54.432	
10	DL6KVA	2016	CW	SA	ALL	HIGH	NONE	391	391	134	52.394	DL6KVA
11	IZ3SQW	2016	CW	SA	ALL	HIGH	NONE	416	416	125	52.000	
12	YO9HP	2016	CW	SA	ALL	HIGH	NONE	414	414	118	48.852	YO9HP
13	DK4SR	2016	CW	SA	ALL	HIGH	NONE	353	353	131	46.243	
14	LY2MM	2016	CW	SA	ALL	HIGH	NONE	389	389	118	45.902	LY2MM
15	R4HCM	2016	CW	SA	ALL	HIGH	NONE	395	395	116	45.820	R4HCM
16	EA6URA	2016	CW	SA	ALL	HIGH	NONE	363	363	124	45.012	EA6URA
17	9A1AA	2016	CW	SA	ALL	HIGH	NONE	387	387	115	44.505	
18	RA6GW	2016	CW	SA	ALL	HIGH	NONE	361	361	123	44.403	RA6GW
19	UB3A	2016	CW	SA	ALL	HIGH	NONE	350	350	121	42.350	
20	YL5X	2016	CW	SA	ALL	HIGH	NONE	329	329	119	39.151	YL5X

**Single Operator Assisted All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
21	SP9LJD	2016	CW	SA	ALL	HIGH	NONE	340	340	108	36.720	SP9LJD
22	G8D	2016	CW	SA	ALL	HIGH	NONE	325	325	110	35.750	G8D
23	SV1ENG	2016	CW	SA	ALL	HIGH	NONE	340	340	104	35.360	SV1ENG
24	RL4A	2016	CW	SA	ALL	HIGH	NONE	291	291	110	32.010	
25	YL2BJ	2016	CW	SA	ALL	HIGH	NONE	280	280	108	30.240	
26	UA5C	2016	CW	SA	ALL	HIGH	NONE	257	257	114	29.298	UA5C
27	RA6CA	2016	CW	SA	ALL	HIGH	NONE	264	264	99	26.136	RA6CA
28	RA4PQ	2016	CW	SA	ALL	HIGH	NONE	305	305	76	23.180	RA4PQ
29	UA3QGT	2016	CW	SA	ALL	HIGH	NONE	241	241	95	22.895	UA3QGT
30	R7AT	2016	CW	SA	ALL	HIGH	NONE	266	266	83	22.078	
31	SV1JG	2016	CW	SA	ALL	HIGH	NONE	228	228	94	21.432	SV1JG
32	I2IFT	2016	CW	SA	ALL	HIGH	NONE	284	284	75	21.300	I2IFT
33	PA5FN	2016	CW	SA	ALL	HIGH	NONE	250	250	83	20.750	PA5FN
34	OM8LA	2016	CW	SA	ALL	HIGH	NONE	228	228	80	18.240	OM8LA
35	DL1NKS	2016	CW	SA	ALL	HIGH	NONE	225	225	81	18.225	DL1NKS
36	R9XT	2016	CW	SA	ALL	HIGH	NONE	215	215	84	18.060	R9XT
37	DL4HRM	2016	CW	SA	ALL	HIGH	NONE	225	225	78	17.550	DL4HRM
38	R7MY	2016	CW	SA	ALL	HIGH	NONE	225	225	75	16.875	
39	UA1ANA	2016	CW	SA	ALL	HIGH	NONE	216	216	77	16.632	UA1ANA
40	UT4XU	2016	CW	SA	ALL	HIGH	NONE	238	238	67	15.946	UT4XU
41	EI8JX	2016	CW	SA	ALL	HIGH	NONE	189	189	83	15.687	EI8JX
42	DJ8EW	2016	CW	SA	ALL	HIGH	NONE	167	167	84	14.028	
43	PA5TT	2016	CW	SA	ALL	HIGH	NONE	177	177	74	13.098	PA5TT
44	HB9DHG	2016	CW	SA	ALL	HIGH	NONE	179	179	70	12.530	HB9DHG
45	F6HKA	2016	CW	SA	ALL	HIGH	NONE	186	186	67	12.462	
46	RA4Y	2016	CW	SA	ALL	HIGH	NONE	165	165	74	12.210	RA4Y
47	OE3KAB	2016	CW	SA	ALL	HIGH	NONE	171	171	59	10.089	OE3KAB
48	LX9EG	2016	CW	SA	ALL	HIGH	NONE	147	147	57	8.379	LX1NO
49	DL5YM	2016	CW	SA	ALL	HIGH	NONE	126	126	62	7.812	DL5YM
50	M0TDW	2016	CW	SA	ALL	HIGH	NONE	120	120	51	6.120	M0TDW
51	OQ5M	2016	CW	SA	ALL	HIGH	NONE	100	100	52	5.200	ON5ZO
52	F5NBX	2016	CW	SA	ALL	HIGH	NONE	118	118	38	4.484	
53	UX1VX	2016	CW	SA	ALL	HIGH	NONE	85	85	46	3.910	UX1VX
54	YU2A	2016	CW	SA	ALL	HIGH	NONE	89	89	42	3.738	YU2A
55	PA5WT	2016	CW	SA	ALL	HIGH	NONE	99	99	31	3.069	PA5WT
56	R5FU	2016	CW	SA	ALL	HIGH	NONE	65	65	41	2.665	R5FU
57	HB0/SP2FOV	2016	CW	SA	ALL	HIGH	NONE	60	60	34	2.040	SP2FOV
58	R3QX	2016	CW	SA	ALL	HIGH	NONE	55	55	36	1.980	R3QX
59	S570ABC	2016	CW	SA	ALL	HIGH	NONE	61	61	32	1.952	S51DS
60	IK2GZU	2016	CW	SA	ALL	HIGH	NONE	40	40	37	1.480	IK2GZU
61	PA2ALF	2016	CW	SA	ALL	HIGH	NONE	54	54	25	1.350	PA2ALF
62	LZ1BJ	2016	CW	SA	ALL	HIGH	NONE	51	51	25	1.275	LZ1BJ
63	LY5O	2016	CW	SA	ALL	HIGH	NONE	55	55	23	1.265	LY5O
64	OK2SG	2016	CW	SA	ALL	HIGH	NONE	44	44	17	748	OK2SG

**Single Operator Assisted Low-Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	UA4S	2016	CW	SA	LOW-BAND	HIGH	NONE	333	333	77	25.641	RU4SO
2	LY2BKT	2016	CW	SA	LOW-BAND	HIGH	NONE	328	328	76	24.928	LY2BKT
3	YL2QN	2016	CW	SA	LOW-BAND	HIGH	NONE	253	253	97	24.541	YL2QN
4	SN5X	2016	CW	SA	LOW-BAND	HIGH	NONE	327	327	75	24.525	SP5GRM
5	ES1TU	2016	CW	SA	LOW-BAND	HIGH	NONE	275	275	74	20.350	ES1TU
6	G3P	2016	CW	SA	LOW-BAND	HIGH	NONE	279	279	71	19.809	G3WPH
7	YL3FW	2016	CW	SA	LOW-BAND	HIGH	NONE	246	246	72	17.712	YL3FW
8	UA5F	2016	CW	SA	LOW-BAND	HIGH	NONE	251	251	70	17.570	UA5F
9	LY3BB	2016	CW	SA	LOW-BAND	HIGH	NONE	239	239	70	16.730	LY3BB
10	LY3B	2016	CW	SA	LOW-BAND	HIGH	NONE	236	236	70	16.520	LY3B
11	G3XTT	2016	CW	SA	LOW-BAND	HIGH	NONE	225	225	71	15.975	
12	SP5WA	2016	CW	SA	LOW-BAND	HIGH	NONE	240	240	64	15.360	SP5WA
13	DL3KUD	2016	CW	SA	LOW-BAND	HIGH	NONE	227	227	67	15.209	DL3KUD
14	R1AZ	2016	CW	SA	LOW-BAND	HIGH	NONE	214	214	66	14.124	
15	YL3GAZ	2016	CW	SA	LOW-BAND	HIGH	NONE	204	204	63	12.852	YL3GAZ
16	S53F	2016	CW	SA	LOW-BAND	HIGH	NONE	193	193	66	12.738	S53F
17	OK1MSP	2016	CW	SA	LOW-BAND	HIGH	NONE	188	188	62	11.656	
18	LY2TS	2016	CW	SA	LOW-BAND	HIGH	NONE	177	177	65	11.505	LY2TS
19	R1AO	2016	CW	SA	LOW-BAND	HIGH	NONE	179	179	62	11.098	
20	HA3GO	2016	CW	SA	LOW-BAND	HIGH	NONE	164	164	63	10.332	
21	HA3FMR	2016	CW	SA	LOW-BAND	HIGH	NONE	171	171	58	9.918	
22	M4J	2016	CW	SA	LOW-BAND	HIGH	NONE	128	128	67	8.576	G0DVJ
23	UT1V	2016	CW	SA	LOW-BAND	HIGH	NONE	161	161	53	8.533	US1VM
24	SP3A	2016	CW	SA	LOW-BAND	HIGH	NONE	125	125	63	7.875	
25	ES2DJ	2016	CW	SA	LOW-BAND	HIGH	NONE	130	130	58	7.540	ES2DJ
26	UT8AS	2016	CW	SA	LOW-BAND	HIGH	NONE	138	138	54	7.452	
27	PA0MIR	2016	CW	SA	LOW-BAND	HIGH	NONE	107	107	50	5.350	PA0MIR
28	DL7JAN	2016	CW	SA	LOW-BAND	HIGH	NONE	99	99	52	5.148	
29	DL1BUG	2016	CW	SA	LOW-BAND	HIGH	NONE	73	73	44	3.212	
30	UV3RT	2016	CW	SA	LOW-BAND	HIGH	NONE	84	84	29	2.436	UV3RT
31	DL5RMH	2016	CW	SA	LOW-BAND	HIGH	NONE	53	53	24	1.272	
32	ES3CC	2016	CW	SA	LOW-BAND	HIGH	NONE	32	32	19	608	ES3CC

**Single Operator Assisted All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	UV7V	2016	CW	SA	ALL	LOW	NONE	472	472	119	56.168	UX1VT
2	S56A	2016	CW	SA	ALL	LOW	NONE	432	432	127	54.864	S56A
3	LY5W	2016	CW	SA	ALL	LOW	NONE	408	408	116	47.328	LY5W
4	R7MM	2016	CW	SA	ALL	LOW	NONE	417	417	113	47.121	R7MM
5	LZ1QV	2016	CW	SA	ALL	LOW	NONE	413	413	111	45.843	LZ1QV
6	RW4WA	2016	CW	SA	ALL	LOW	NONE	382	382	114	43.548	RW4WA
7	F6IRA	2016	CW	SA	ALL	LOW	NONE	352	352	118	41.536	F6IRA
8	G3MZV	2016	CW	SA	ALL	LOW	NONE	346	346	98	33.908	G3MZV
9	G1N	2016	CW	SA	ALL	LOW	NONE	343	343	98	33.614	G3MZV
10	RA3FD	2016	CW	SA	ALL	LOW	NONE	326	326	102	33.252	RA3FD

**Single Operator Assisted All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
11	R6CC	2016	CW	SA	ALL	LOW	NONE	298	298	108	32.184	R6CC
12	UA3QAM	2016	CW	SA	ALL	LOW	NONE	319	319	97	30.943	UA3QAM
13	RU4SS	2016	CW	SA	ALL	LOW	NONE	321	321	95	30.495	
14	HA5PP	2016	CW	SA	ALL	LOW	NONE	312	312	94	29.328	HA5PP
15	LZ1ND	2016	CW	SA	ALL	LOW	NONE	285	285	102	29.070	LZ1ND
16	UT3UCP	2016	CW	SA	ALL	LOW	NONE	277	277	98	27.146	UT3UCP
17	RW4CLF	2016	CW	SA	ALL	LOW	NONE	286	286	94	26.884	RW4CLF
18	RT4H	2016	CW	SA	ALL	LOW	NONE	282	282	94	26.508	RT4H
19	DJ9IE	2016	CW	SA	ALL	LOW	NONE	280	280	94	26.320	DJ9IE
20	UY5ZI	2016	CW	SA	ALL	LOW	NONE	283	283	91	25.753	UY5ZI
21	UA6GO	2016	CW	SA	ALL	LOW	NONE	246	246	99	24.354	UA6GO
22	RT3O	2016	CW	SA	ALL	LOW	NONE	270	270	87	23.490	RT3O
23	UA3R	2016	CW	SA	ALL	LOW	NONE	245	245	95	23.275	
24	PA3AAV	2016	CW	SA	ALL	LOW	NONE	249	249	93	23.157	PA3AAV
25	YO4DW	2016	CW	SA	ALL	LOW	NONE	252	252	89	22.428	YO4DW
26	SP2MKI	2016	CW	SA	ALL	LOW	NONE	271	271	82	22.222	SP2MKI
27	RN3S	2016	CW	SA	ALL	LOW	NONE	244	244	91	22.204	
28	YO3APJ	2016	CW	SA	ALL	LOW	NONE	242	242	90	21.780	YO3APJ
29	M0HDF	2016	CW	SA	ALL	LOW	NONE	254	254	85	21.590	M0HDF
30	LY7Z	2016	CW	SA	ALL	LOW	NONE	204	204	102	20.808	
31	R5DT	2016	CW	SA	ALL	LOW	NONE	228	228	91	20.748	R5DT
32	IZ8EFD	2016	CW	SA	ALL	LOW	NONE	281	281	71	19.951	
33	UA6YH	2016	CW	SA	ALL	LOW	NONE	246	246	81	19.926	UA6YH
34	SO9C	2016	CW	SA	ALL	LOW	NONE	230	230	86	19.780	SQ9CNN
35	OK1FGD	2016	CW	SA	ALL	LOW	NONE	235	235	83	19.505	
36	UG4A	2016	CW	SA	ALL	LOW	NONE	240	240	76	18.240	UG4A
37	RJ3F	2016	CW	SA	ALL	LOW	NONE	209	209	83	17.347	RJ3F
38	DL1ARJ	2016	CW	SA	ALL	LOW	NONE	212	212	79	16.748	
39	DL5JQ	2016	CW	SA	ALL	LOW	NONE	213	213	77	16.401	
40	G3RLE	2016	CW	SA	ALL	LOW	NONE	184	184	89	16.376	G3RLE
41	F5VKT	2016	CW	SA	ALL	LOW	NONE	200	200	79	15.800	F5VKT
42	SY1BFI	2016	CW	SA	ALL	LOW	NONE	192	192	81	15.552	SY1BFI
43	DJ1OJ	2016	CW	SA	ALL	LOW	NONE	207	207	75	15.525	DJ1OJ
44	UT3II	2016	CW	SA	ALL	LOW	NONE	207	207	74	15.318	
45	DJ4MH	2016	CW	SA	ALL	LOW	NONE	198	198	76	15.048	
46	RW4S	2016	CW	SA	ALL	LOW	NONE	210	210	71	14.910	
47	UT4LW	2016	CW	SA	ALL	LOW	NONE	186	186	79	14.694	UT4LW
48	UR4CU	2016	CW	SA	ALL	LOW	NONE	179	179	76	13.604	UR4CU
49	RK2M	2016	CW	SA	ALL	LOW	NONE	172	172	74	12.728	RK2M
50	UR4QRH	2016	CW	SA	ALL	LOW	NONE	205	205	61	12.505	UR4QRH
51	RT2F	2016	CW	SA	ALL	LOW	NONE	176	176	66	11.616	RT2F
52	OK1SI	2016	CW	SA	ALL	LOW	NONE	162	162	70	11.340	OK1SI
53	IK8UND	2016	CW	SA	ALL	LOW	NONE	204	204	55	11.220	IK8UND
54	ON6LR	2016	CW	SA	ALL	LOW	NONE	157	157	71	11.147	
55	RU4LM	2016	CW	SA	ALL	LOW	NONE	171	171	61	10.431	RU4LM
56	R4WT	2016	CW	SA	ALL	LOW	NONE	168	168	58	9.744	R4WT
57	SP6AXW	2016	CW	SA	ALL	LOW	NONE	161	161	60	9.660	

**Single Operator Assisted All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
58	DJ9SN	2016	CW	SA	ALL	LOW	NONE	149	149	62	9.238	
59	IK2CFD	2016	CW	SA	ALL	LOW	NONE	160	160	57	9.120	IK2CFD
60	UX2QA	2016	CW	SA	ALL	LOW	NONE	121	121	73	8.833	UX2QA
61	PA3DAT	2016	CW	SA	ALL	LOW	NONE	134	134	61	8.174	PA3DAT
62	R3VL	2016	CW	SA	ALL	LOW	NONE	141	141	57	8.037	R3VL
63	UT3WX	2016	CW	SA	ALL	LOW	NONE	128	128	60	7.680	
64	RM3TO	2016	CW	SA	ALL	LOW	NONE	129	129	52	6.708	RM3TO
65	YL2PP	2016	CW	SA	ALL	LOW	NONE	122	122	53	6.466	
66	EA6ZS	2016	CW	SA	ALL	LOW	NONE	102	102	57	5.814	EA6ZS
67	GS8VL	2016	CW	SA	ALL	LOW	NONE	121	121	47	5.687	GM0AXY
68	LZ1OJ	2016	CW	SA	ALL	LOW	NONE	124	124	44	5.456	LZ1OJ
69	DL5YL	2016	CW	SA	ALL	LOW	NONE	93	93	48	4.464	DL5YL
70	PG2AA	2016	CW	SA	ALL	LOW	NONE	97	97	46	4.462	PG2AA
71	UR5IFB	2016	CW	SA	ALL	LOW	NONE	93	93	43	3.999	UR5IFB
72	DM2RN	2016	CW	SA	ALL	LOW	NONE	111	111	35	3.885	DM2RN
73	R7NK	2016	CW	SA	ALL	LOW	NONE	108	108	35	3.780	R7NK
74	M0TJU	2016	CW	SA	ALL	LOW	NONE	88	88	41	3.608	M0TJU
75	DL9NEI	2016	CW	SA	ALL	LOW	NONE	109	109	33	3.597	DL9NEI
76	RG3B	2016	CW	SA	ALL	LOW	NONE	80	80	44	3.520	RG3B
77	SP2DKI	2016	CW	SA	ALL	LOW	NONE	75	75	41	3.075	SP2DKI
78	RA6HSM	2016	CW	SA	ALL	LOW	NONE	99	99	31	3.069	RA6HSM
79	M0SEV	2016	CW	SA	ALL	LOW	NONE	104	104	28	2.912	M0SEV
80	PA3GDD	2016	CW	SA	ALL	LOW	NONE	74	74	39	2.886	PA3GDD
81	9A2GA	2016	CW	SA	ALL	LOW	NONE	68	68	33	2.244	9A2GA
82	SQ8N	2016	CW	SA	ALL	LOW	NONE	54	54	36	1.944	SQ8N
83	SP3DOF	2016	CW	SA	ALL	LOW	NONE	67	67	29	1.943	SP3DOF
84	G3VQO	2016	CW	SA	ALL	LOW	NONE	71	71	27	1.917	G3VQO
85	PA3CMF	2016	CW	SA	ALL	LOW	NONE	57	57	33	1.881	PA3CMF
86	HA3OU	2016	CW	SA	ALL	LOW	NONE	50	50	33	1.650	HA3OU
87	UW5Q	2016	CW	SA	ALL	LOW	NONE	57	57	28	1.596	UR3QCW
88	DL3DW	2016	CW	SA	ALL	LOW	NONE	57	57	25	1.425	DL3DW
89	GM4OSS	2016	CW	SA	ALL	LOW	NONE	45	45	22	990	GM4OSS
90	Z39A	2016	CW	SA	ALL	LOW	NONE	36	36	21	756	
91	G7TWC	2016	CW	SA	ALL	LOW	NONE	32	32	20	640	G7TWC
92	DJ1YFK	2016	CW	SA	ALL	LOW	NONE	30	30	20	600	DJ1YFK
93	PA2RG	2016	CW	SA	ALL	LOW	NONE	30	30	19	570	PA2RG
94	PA3JEM	2016	CW	SA	ALL	LOW	NONE	26	26	20	520	PA3JEM
95	DL6UM	2016	CW	SA	ALL	LOW	NONE	21	21	14	294	
96	PD0JMH	2016	CW	SA	ALL	LOW	NONE	26	26	11	286	
97	DM7CW	2016	CW	SA	ALL	LOW	NONE	23	23	11	253	
98	PC4Y	2016	CW	SA	ALL	LOW	NONE	22	22	11	242	
99	PD3J	2016	CW	SA	ALL	LOW	NONE	25	25	8	200	PD3J
100	F4GFT	2016	CW	SA	ALL	LOW	NONE	16	16	11	176	F4GFT

**Single Operator Assisted All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RN4W	2016	CW	SA	ALL	QRP	NONE	327	327	91	29.757	
2	UA3RF	2016	CW	SA	ALL	QRP	NONE	307	307	92	28.244	
3	YO9AGI	2016	CW	SA	ALL	QRP	NONE	257	257	83	21.331	YO9AGI
4	UA6AK	2016	CW	SA	ALL	QRP	NONE	192	192	69	13.248	UA6AK
5	R7FO	2016	CW	SA	ALL	QRP	NONE	157	157	59	9.263	
6	DK3WW	2016	CW	SA	ALL	QRP	NONE	132	132	67	8.844	DK3WW
7	CT1DRB	2016	CW	SA	ALL	QRP	NONE	145	145	60	8.700	CT1DRB
8	OM3WZ	2016	CW	SA	ALL	QRP	NONE	100	100	60	6.000	
9	IK4OMU	2016	CW	SA	ALL	QRP	NONE	126	126	38	4.788	IK4OMU
10	DF5SF	2016	CW	SA	ALL	QRP	NONE	94	94	50	4.700	DF5SF
11	RD3ARU	2016	CW	SA	ALL	QRP	NONE	76	76	44	3.344	RD3ARU
12	G0TPH	2016	CW	SA	ALL	QRP	NONE	59	59	41	2.419	G0TPH
13	UT3EK	2016	CW	SA	ALL	QRP	NONE	42	42	25	1.050	UT3EK
14	DL1EFW	2016	CW	SA	ALL	QRP	NONE	31	31	22	682	DL1EFW
15	HA7JQK	2016	CW	SA	ALL	QRP	NONE	29	29	19	551	

**Multi Operator Single Transmitter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	HG7T	2016	CW	MUL-ONE	ALL	HIGH	NONE	569	569	157	89.333	
2	RN3F	2016	CW	MUL-ONE	ALL	HIGH	NONE	473	473	132	62.436	RK3AW RZ9SZ
3	EA3KX	2016	CW	MUL-ONE	ALL	HIGH	NONE	426	426	133	56.658	EA3CX EA3KX EA3NO EA3VN EA3AVV
4	DP4E	2016	CW	MUL-ONE	ALL	HIGH	NONE	327	327	136	44.472	PA0JED + SE2I
5	UA4C	2016	CW	MUL-ONE	ALL	HIGH	NONE	253	253	73	18.469	UA4C RG4D RA4CMP
6	F8KLY	2016	CW	MUL-ONE	ALL	HIGH	NONE	192	192	78	14.976	F4HMX F6HJO
7	S57DX	2016	CW	MUL-ONE	ALL	HIGH	NONE	198	198	67	13.266	S57DX
8	YP5A	2016	CW	MUL-ONE	ALL	HIGH	NONE	196	196	64	12.544	YO5CBX YO5OLD
9	LZ5U	2016	CW	MUL-ONE	ALL	HIGH	NONE	166	166	69	11.454	LZ1DQ LZ1MC
10	UR4RWW	2016	CW	MUL-ONE	ALL	HIGH	NONE	185	185	60	11.100	UR5RU UR5RAB
11	PA0VLA	2016	CW	MUL-ONE	ALL	HIGH	NONE	144	144	69	9.936	PA0VLA PA3FNB
12	IZ3NVR	2016	CW	MUL-ONE	ALL	HIGH	NONE	159	159	62	9.858	IZ3NVR IZ3ALW
13	UR0HWZ	2016	CW	MUL-ONE	ALL	HIGH	NONE	153	153	63	9.639	TANYA-YL
14	OO9O	2016	CW	MUL-ONE	ALL	HIGH	NONE	56	56	22	1.232	ON7SS ON8AKU

**Checklogs:** DL2BQV, DL5CL, DL8AWK, EA1AOQ, EA5IIK, EU6A, EW1I, HA1SN, HA2OS, HA8TP, HB9CIC, HG8C, LY2J, LZ5XQ, OK1NE, OK2BFN, OK2PAY, R2LAC, R6YY, RD3AT, RN6L, RW5CW, RZ3F, SP2MHD, SP3CW, SP4W, SP5UAF, SV1BJW, UA1AUW, UA4NCI, UT1IM, UW1WU, YO3IRM, YO3LW, YO4NF, YO9GDN

**Disqualified:** HA3MY

# NORTH AMERICA

## Single Operator All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	K8MFO	2016	CW	SO	ALL	HIGH	NONE	288	554	108	59.832	K8MFO
2	WX4G	2016	CW	SO	ALL	HIGH	NONE	303	539	97	52.283	WX4G
3	K3UL	2016	CW	SO	ALL	HIGH	NONE	184	372	78	29.016	K3UL
4	W1FJ	2016	CW	SO	ALL	HIGH	NONE	174	264	66	17.424	W1FJ
5	WD5K	2016	CW	SO	ALL	HIGH	NONE	136	172	52	8.944	WD5K
6	K4BAI	2016	CW	SO	ALL	HIGH	NONE	123	159	53	8.427	K4BAI
7	K8MR	2016	CW	SO	ALL	HIGH	NONE	107	143	50	7.150	K8MR
8	K6NA	2016	CW	SO	ALL	HIGH	NONE	86	144	44	6.336	K6NA
9	W1WMU	2016	CW	SO	ALL	HIGH	NONE	96	96	38	3.648	W1WMU
10	KS7T	2016	CW	SO	ALL	HIGH	NONE	82	94	36	3.384	KS7T
11	WB4TDH	2016	CW	SO	ALL	HIGH	NONE	42	84	32	2.688	WB4TDH
12	NS8O	2016	CW	SO	ALL	HIGH	NONE	70	76	32	2.432	NS8O
13	AC7JW	2016	CW	SO	ALL	HIGH	NONE	53	63	29	1.827	AC7JW
14	N4BP	2016	CW	SO	ALL	HIGH	NONE	50	50	25	1.250	N4BP
15	KJ6MBW	2016	CW	SO	ALL	HIGH	NONE	32	56	22	1.232	KJ6MBW
16	WA6URY	2016	CW	SO	ALL	HIGH	NONE	16	40	14	560	WA6URY
17	N1NN	2016	CW	SO	ALL	HIGH	NONE	18	18	12	216	N1NN
18	W2CDO	2016	CW	SO	ALL	HIGH	NONE	16	16	13	208	W2CDO

## Single Operator All Band Low PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	K3ZO	2016	CW	SO	ALL	LOW	NONE	274	532	93	49.476	
2	K7SV	2016	CW	SO	ALL	LOW	NONE	216	386	81	31.266	K7SV
3	NB1N	2016	CW	SO	ALL	LOW	NONE	175	315	70	22.050	NB1N
4	NA8V	2016	CW	SO	ALL	LOW	NONE	146	270	69	18.630	
5	N8II	2016	CW	SO	ALL	LOW	NONE	130	218	58	12.644	N8II
6	N5AW	2016	CW	SO	ALL	LOW	NONE	130	180	68	12.240	
7	HI8A	2016	CW	SO	ALL	LOW	NONE	103	191	59	11.269	HI8A
8	N7IR	2016	CW	SO	ALL	LOW	NONE	112	170	46	7.820	N7IR
9	N3GD	2016	CW	SO	ALL	LOW	NONE	77	163	45	7.335	N3GD
10	VE3IAE	2016	CW	SO	ALL	LOW	NONE	102	132	43	5.676	VE3IAE
11	KR2Q	2016	CW	SO	ALL	LOW	NONE	82	132	41	5.412	KR2Q
12	K4ORD	2016	CW	SO	ALL	LOW	NONE	65	95	45	4.275	K4ORD
13	N2ZN	2016	CW	SO	ALL	LOW	NONE	58	70	34	2.380	N2ZN
14	AD8J	2016	CW	SO	ALL	LOW	NONE	38	60	28	1.680	AD8J
15	VE3AYR	2016	CW	SO	ALL	LOW	NONE	36	42	23	966	VE3AYR
16	K7WP	2016	CW	SO	ALL	LOW	NONE	41	41	23	943	K7WP
17	WN8P	2016	CW	SO	ALL	LOW	NONE	43	45	20	900	WN8P
18	K2KIB	2016	CW	SO	ALL	LOW	NONE	17	47	16	752	K2KIB
19	KF3G	2016	CW	SO	ALL	LOW	NONE	22	38	16	608	KF3G
20	NJ4Q	2016	CW	SO	ALL	LOW	NONE	20	20	15	300	NJ4Q
21	VA3GUY	2016	CW	SO	ALL	LOW	NONE	19	19	14	266	VA3GUY
22	VE7BGP	2016	CW	SO	ALL	LOW	NONE	15	17	14	238	VE7BGP

**Single Operator All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
23	VE7JH	2016	CW	SO	ALL	LOW	NONE	18	18	10	180	VE7JH
24	KD4EE	2016	CW	SO	ALL	LOW	NONE	9	19	9	171	KD4EE
25	K9GDF	2016	CW	SO	ALL	LOW	NONE	14	14	12	168	K9GDF
26	VA3FN	2016	CW	SO	ALL	LOW	NONE	14	14	11	154	VA3FN
27	N5NAA	2016	CW	SO	ALL	LOW	NONE	7	7	7	49	
28	NJ8J	2016	CW	SO	ALL	LOW	NONE	6	8	6	48	NJ8J
29	K6CSL	2016	CW	SO	ALL	LOW	NONE	2	2	2	4	K6CSL
30	KB2GD	2016	CW	SO	ALL	LOW	NONE	1	1	1	1	KB2GD
31	WA7AXT	2016	CW	SO	ALL	LOW	NONE	1	1	1	1	WA7AXT

**Single Operator All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	AB1YD	2016	CW	SO	ALL	QRP	NONE	24	40	22	880	AB1YD
2	K3TW	2016	CW	SO	ALL	QRP	NONE	20	32	16	512	K3TW
3	VA3AMX	2016	CW	SO	ALL	QRP	NONE	24	24	18	432	VA3AMX

**Single Operator Assisted All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	K1ZZ	2016	CW	SA	ALL	HIGH	NONE	474	962	133	127.946	K1ZZ
2	K1GQ	2016	CW	SA	ALL	HIGH	NONE	366	700	122	85.400	K1GQ
3	VE1DT	2016	CW	SA	ALL	HIGH	NONE	235	453	88	39.864	VE1DT
4	N6AR	2016	CW	SA	ALL	HIGH	NONE	198	334	85	28.390	N6AR
5	VE3UTT	2016	CW	SA	ALL	HIGH	NONE	213	343	70	24.010	VE3UTT
6	NP2X	2016	CW	SA	ALL	HIGH	NONE	171	277	83	22.991	K9VV
7	N3RD	2016	CW	SA	ALL	HIGH	NONE	156	292	78	22.776	N3RD
8	K3WJV	2016	CW	SA	ALL	HIGH	NONE	165	303	71	21.513	K3WJV
9	K3WW	2016	CW	SA	ALL	HIGH	NONE	191	271	76	20.596	K3WW
10	KG4W	2016	CW	SA	ALL	HIGH	NONE	151	265	64	16.960	KG4W
11	KC1XX	2016	CW	SA	ALL	HIGH	NONE	116	214	76	16.264	
12	VO1MP	2016	CW	SA	ALL	HIGH	NONE	98	176	64	11.264	VO1MP
13	KF3B	2016	CW	SA	ALL	HIGH	NONE	104	194	54	10.476	KF3B
14	KU2M	2016	CW	SA	ALL	HIGH	NONE	101	187	56	10.472	KU2M
15	K2SX	2016	CW	SA	ALL	HIGH	NONE	104	152	51	7.752	K2SX
16	K3ND	2016	CW	SA	ALL	HIGH	NONE	78	132	53	6.996	K3ND
17	AE1T	2016	CW	SA	ALL	HIGH	NONE	74	138	48	6.624	AE1T
18	KE8M	2016	CW	SA	ALL	HIGH	NONE	109	135	47	6.345	KE8M
19	W5GN	2016	CW	SA	ALL	HIGH	NONE	116	130	45	5.850	W5GN
20	N5ZO	2016	CW	SA	ALL	HIGH	NONE	81	149	37	5.513	N5ZO
21	K1TH	2016	CW	SA	ALL	HIGH	NONE	84	126	42	5.292	K1TH
22	K4MM	2016	CW	SA	ALL	HIGH	NONE	132	132	39	5.148	K4MM
23	W7CT	2016	CW	SA	ALL	HIGH	NONE	87	115	40	4.600	W7CT
24	VE3TW	2016	CW	SA	ALL	HIGH	NONE	97	111	39	4.329	VE3TW
25	N3AM	2016	CW	SA	ALL	HIGH	NONE	52	148	28	4.144	N3AM
26	N3JT	2016	CW	SA	ALL	HIGH	NONE	93	93	33	3.069	N3JT

**Single Operator Assisted All Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
27	K3AJ	2016	CW	SA	ALL	HIGH	NONE	37	85	28	2.380	K3AJ
28	W3GVX	2016	CW	SA	ALL	HIGH	NONE	65	71	33	2.343	W3GVX
29	VE7IO	2016	CW	SA	ALL	HIGH	NONE	45	65	30	1.950	VE7IO
30	N4GG	2016	CW	SA	ALL	HIGH	NONE	54	62	29	1.798	N4GG
31	NB3R	2016	CW	SA	ALL	HIGH	NONE	45	45	24	1.080	NB3R
32	AG2T	2016	CW	SA	ALL	HIGH	NONE	23	25	17	425	AG2T
33	NG0T	2016	CW	SA	ALL	HIGH	NONE	15	25	15	375	NG0T
34	K1YR	2016	CW	SA	ALL	HIGH	NONE	17	17	8	136	K1YR
35	WP3E	2016	CW	SA	ALL	HIGH	NONE	9	11	8	88	WP3E
36	KM6I	2016	CW	SA	ALL	HIGH	NONE	3	3	2	6	KM6I

**Single Operator Assisted Low-Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	AA2A	2016	CW	SA	LOW-BAND	HIGH	NONE	203	609	66	40.194	N2KW
2	N4UEZ	2016	CW	SA	LOW-BAND	HIGH	NONE	9	27	9	243	N4UEZ

**Single Operator Assisted All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	W1WBB	2016	CW	SA	ALL	LOW	NONE	145	251	65	16.315	W1WBB
2	K3IE	2016	CW	SA	ALL	LOW	NONE	69	105	39	4.095	K3IE
3	NT2DR	2016	CW	SA	ALL	LOW	NONE	37	111	26	2.886	NT2DR
4	W1ARY	2016	CW	SA	ALL	LOW	NONE	58	68	30	2.040	W1ARY
5	K2MV	2016	CW	SA	ALL	LOW	NONE	39	67	28	1.876	K2MV
6	K0MPH	2016	CW	SA	ALL	LOW	NONE	35	43	26	1.118	K0MPH
7	WT9Q	2016	CW	SA	ALL	LOW	NONE	20	20	13	260	WT9Q

**Single Operator Assisted All Band QRP PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	AB3WS	2016	CW	SA	ALL	QRP	NONE	58	92	43	3.956	AB3WS
2	K8ZT	2016	CW	SA	ALL	QRP	NONE	44	48	27	1.296	K8ZT

**Multi Operator Single Transmitter**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	N0KQ	2016	CW	MUL-ONE	ALL	HIGH	NONE	51	77	35	2.695	N0KQ N6ZFO

**Checklogs**

AC2OC

# OCEANIA

## Single Operator All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	ZM2B	2016	CW	SO	ALL	HIGH	NONE	151	279	66	18.414	ZM2B
2	ZL2AGY	2016	CW	SO	ALL	HIGH	NONE	70	142	36	5.112	ZL2AGY
3	A31MM	2016	CW	SO	ALL	HIGH	NONE	43	45	23	1.035	JA6WFM
4	VK7GN	2016	CW	SO	ALL	HIGH	NONE	43	43	20	860	VK7GN
5	VK7BO	2016	CW	SO	ALL	HIGH	NONE	19	19	13	247	

## Single Operator All Band Low PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YC1DPM	2016	CW	SO	ALL	LOW	NONE	24	26	16	416	YC1DPM
2	VK3JL	2016	CW	SO	ALL	LOW	NONE	8	8	8	64	VK3JL
3	YC0QR	2016	CW	SO	ALL	LOW	NONE	6	6	5	30	YC0QR

## Single Operator Assisted All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YC1ME	2016	CW	SA	ALL	HIGH	NONE	129	191	64	12.224	YC1ME
2	VK2OZK	2016	CW	SA	ALL	HIGH	NONE	75	91	37	3.367	VK2KJJ
3	KG6DX	2016	CW	SA	ALL	HIGH	NONE	36	36	22	792	KG6DX

## Single Operator Assisted Low-Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	ZM4G	2016	CW	SA	LOW-BAND	HIGH	NONE	55	165	30	4.950	ZL2IFB

Checklogs: 9M6XRO

# SOUTH AMERICA

## Single Operator All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	PW2D	2016	CW	SO	ALL	HIGH	NONE	230	398	99	39.402	SM0CXU/PY2ZXU

## Single Operator All Band Low PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LU1ICX	2016	CW	SO	ALL	LOW	NONE	92	140	55	7.700	LU1ICX
2	LW1EUD	2016	CW	SO	ALL	LOW	NONE	47	47	27	1.269	LW1EUD
3	PY2XC	2016	CW	SO	ALL	LOW	NONE	17	17	14	238	PY2XC
4	LU5DX	2016	CW	SO	ALL	LOW	NONE	4	12	4	48	LU5DX

## Single Operator Assisted All Band High PWR

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	HC2AO	2016	CW	SA	ALL	HIGH	NONE	134	328	55	18.040	
2	PY4HO	2016	CW	SA	ALL	HIGH	NONE	11	11	9	99	PY4HO

**Single Operator Assisted Low-Band High PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	CX6VM	2016	CW	SA	LOW-BAND	HIGH	NONE	47	139	39	5.421	CX6VM

**Single Operator Assisted All Band Low PWR**

#	CALL	YR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	PY1AX	2016	CW	SA	ALL	LOW	NONE	83	143	47	6.721	PY1AX
2	PY1MK	2016	CW	SA	ALL	LOW	NONE	31	87	18	1.566	PY1MK
3	HK3Q	2016	CW	SA	ALL	LOW	NONE	52	52	26	1.352	HK3Q
4	PY4ZO	2016	CW	SA	ALL	LOW	NONE	37	39	27	1.053	PY4ZO

**EA8DED**

Hi,

This is my beam in Tenerif.  
A 3 element Steppir.  
On top of 5 M tower, totally 140  
M ASL with wide opening to  
USA and EU over the Atlantic  
Ocean.

Thanks for a hundreds of SAC  
QSOs

Kari EA8DED (OH2BP)

**SE5L**

Here you have a picture of our  
contestexpert SE5L ala SM5ALJ.  
Sure he looks used - SAC demands its  
man for full!  
73 Lars SM0Y

Visst ser han taggad ut? SAC kräver sin  
man fullt ut.  
73 Lars SM0Y

# Results SAC SSB 2016

## SCANDINAVIA

Single Operator All Band High PWR													
#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT	SCORE	OPERATORS	
1	OH2BH	2016	SSB	SO	ALL	HIGH	NONE	1504	3.324	212	704.688	OH6KZP	
2	OH2PM	2016	SSB	SO	ALL	HIGH	NONE	1049	2.341	175	409.675		
3	SG8X	2016	SSB	SO	ALL	HIGH	NONE	1004	2.349	162	380.538	SG8X	
4	OG7A	2016	SSB	SO	ALL	HIGH	NONE	1039	2.320	154	357.280	OH6MW	
5	OZ1ADL	2016	SSB	SO	ALL	HIGH	NONE	992	2.257	157	354.349	OZ1ADL	
6	OH6DX	2016	SSB	SO	ALL	HIGH	NONE	897	1.918	151	289.618	OH6DX	
7	OH1MA	2016	SSB	SO	ALL	HIGH	NONE	857	1.878	142	266.676		
8	SM0T	2016	SSB	SO	ALL	HIGH	NONE	802	1.741	131	228.071		
9	SM0W	2016	SSB	SO	ALL	HIGH	NONE	725	1.675	136	227.800		
10	OH1TX	2016	SSB	SO	ALL	HIGH	NONE	707	1.547	145	224.315	OH1TX	
11	OZ4MD	2016	SSB	SO	ALL	HIGH	NONE	660	1.492	145	216.340	OZ4MD	
12	OH3Z	2016	SSB	SO	ALL	HIGH	NONE	703	1.604	134	214.936	OH1NX	
13	OG1M	2016	SSB	SO	ALL	HIGH	NONE	695	1.529	137	209.473	OH1VR	
14	SJ2W	2016	SSB	SO	ALL	HIGH	NONE	712	1.588	126	200.088	SA2CLC	
15	OH1XT	2016	SSB	SO	ALL	HIGH	NONE	615	1.392	138	192.096	OH1XT	
16	OH6QU	2016	SSB	SO	ALL	HIGH	TB-WIRES	726	1.600	119	190.400	OH6QU	
17	SE0X	2016	SSB	SO	ALL	HIGH	NONE	568	1.272	130	165.360	SM0MDG	
18	SE4E	2016	SSB	SO	ALL	HIGH	WIRE-ONLY	498	1.085	115	124.775	SM4DQE	
19	OH6AC	2016	SSB	SO	ALL	HIGH	WIRE-ONLY	453	961	116	111.476	OH6CS	
20	SL0W	2016	SSB	SO	ALL	HIGH	NONE	406	915	113	103.395	SM0AJU	
21	OH10A	2016	SSB	SO	ALL	HIGH	NONE	474	1.001	103	103.103	OH1HS	
22	SD6E	2016	SSB	SO	ALL	HIGH	NONE	415	937	98	91.826	SM6BGG	
23	OH2BLV	2016	SSB	SO	ALL	HIGH	NONE	396	843	92	77.556	OH2BLV	
24	SM5YRA	2016	SSB	SO	ALL	HIGH	TB-WIRES	356	755	96	72.480	SM5YRA	
25	OG3G	2016	SSB	SO	ALL	HIGH	NONE	268	596	97	57.812	OG3G	
26	OH3JR	2016	SSB	SO	ALL	HIGH	NONE	326	686	84	57.624		
27	OH2XX	2016	SSB	SO	ALL	HIGH	NONE	302	651	86	55.986		
28	LA8HGA	2016	SSB	SO	ALL	HIGH	NONE	304	646	86	55.556	LA8HGA	
29	SI3A	2016	SSB	SO	ALL	HIGH	NONE	393	828	65	53.820	SM3LIV	
30	SE2T	2016	SSB	SO	ALL	HIGH	NONE	313	654	76	49.704	SE2T	
31	SK2AU	2016	SSB	SO	ALL	HIGH	NONE	263	586	74	43.364	SM2ILF	
32	SM4EMO	2016	SSB	SO	ALL	HIGH	NONE	282	618	59	36.462	SM4EMO	
33	SM6NT	2016	SSB	SO	ALL	HIGH	NONE	210	455	80	36.400	SM6NT	
34	LA4ESA	2016	SSB	SO	ALL	HIGH	NONE	253	518	68	35.224	LA4ESA	
35	OH5XO	2016	SSB	SO	ALL	HIGH	NONE	280	581	59	34.279	OH5XO	
36	OH2BO	2016	SSB	SO	ALL	HIGH	NONE	204	437	78	34.086	OH2BO	
37	SA2D	2016	SSB	SO	ALL	HIGH	NONE	292	618	51	31.518	SA2D	
38	SM4ONW	2016	SSB	SO	ALL	HIGH	NONE	200	429	67	28.743	SM4ONW	
39	SM7DQV	2016	SSB	SO	ALL	HIGH	NONE	214	465	58	26.970	SM7DQV	
40	OH7KBF	2016	SSB	SO	ALL	HIGH	NONE	173	359	62	22.258	OH7KBF	

**Single Operator All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT	SCORE	OPERATORS
41	OU4O	2016	SSB	SO	ALL	HIGH	NONE	182	420	42	17.640	OZ4O
42	OH1KF	2016	SSB	SO	ALL	HIGH	NONE	134	285	50	14.250	OH1KF
43	SA6RTJ	2016	SSB	SO	ALL	HIGH	WIRE-ONLY	130	275	45	12.375	SA6RTJ
44	SI2E	2016	SSB	SO	ALL	HIGH	TB-WIRES	132	272	40	10.880	SM2EKA
45	OG7M	2016	SSB	SO	ALL	HIGH	TB-WIRES	94	202	47	9.494	OG7M
46	OH5NE	2016	SSB	SO	ALL	HIGH	NONE	104	215	37	7.955	OH5NE
47	OH6E	2016	SSB	SO	ALL	HIGH	NONE	64	141	41	5.781	
48	OH3KX	2016	SSB	SO	ALL	HIGH	NONE	57	125	22	2.750	OH3KX
49	SA0BMV	2016	SSB	SO	ALL	HIGH	NONE	36	78	19	1.482	SA0BMV
50	LA1PHA	2016	SSB	SO	ALL	HIGH	NONE	24	52	17	884	LA1PHA
51	SM6XAT	2016	SSB	SO	ALL	HIGH	NONE	22	45	13	585	SM6XAT
52	OZ3SM	2016	SSB	SO	ALL	HIGH	NONE	4	8	4	32	OZ3SM

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LA3S	2016	SSB	SO	ALL	LOW	NONE	568	1.227	119	146.013	LA3BO
2	OH3JP	2016	SSB	SO	ALL	LOW	TB-WIRES	549	1.167	97	113.199	OH3JP
3	OH6ECM	2016	SSB	SO	ALL	LOW	TB-WIRES	501	1.056	93	98.208	OH6ECM
4	OH9GGY	2016	SSB	SO	ALL	LOW	NONE	495	1.025	91	93.275	OH9GGY
5	SF3A	2016	SSB	SO	ALL	LOW	WIRE-ONLY	489	1.030	81	83.430	SM3CER
6	SM2S	2016	SSB	SO	ALL	LOW	TB-WIRES	480	992	76	75.392	SM2S
7	OH5CY	2016	SSB	SO	ALL	LOW	NONE	383	851	82	69.782	OH5CY
8	OH3P	2016	SSB	SO	ALL	LOW	TB-WIRES	334	716	88	63.008	OH3P
9	OZ7IS	2016	SSB	SO	ALL	LOW	TB-WIRES	253	555	91	50.505	OZ7IS
10	SM2EZT	2016	SSB	SO	ALL	LOW	NONE	283	605	77	46.585	SM2EZT
11	SM6IQD	2016	SSB	SO	ALL	LOW	NONE	196	421	76	31.996	
12	OZ1KKH	2016	SSB	SO	ALL	LOW	NONE	219	467	68	31.756	OZ1KKH
13	OH1XFE	2016	SSB	SO	ALL	LOW	ROOKIE	242	507	55	27.885	OH1XFE
14	5P8Z	2016	SSB	SO	ALL	LOW	WIRE-ONLY	187	393	64	25.152	OZ8ZS
15	OH1MN	2016	SSB	SO	ALL	LOW	TB-WIRES	209	433	53	22.949	OH1MN
16	OH2KM	2016	SSB	SO	ALL	LOW	WIRE-ONLY	214	457	50	22.850	OH2KM
17	LA2HFA	2016	SSB	SO	ALL	LOW	TB-WIRES	160	338	67	22.646	LA2HFA
18	OH6JE	2016	SSB	SO	ALL	LOW	NONE	200	413	50	20.650	OH6JE
19	OH6XY	2016	SSB	SO	ALL	LOW	NONE	202	421	49	20.629	OH6XY
20	OZ4NA	2016	SSB	SO	ALL	LOW	TB-WIRES	154	324	61	19.764	OZ4NA
21	SM6C	2016	SSB	SO	ALL	LOW	NONE	149	330	59	19.470	
22	OH1LWZ	2016	SSB	SO	ALL	LOW	NONE	194	402	43	17.286	
23	SB7W	2016	SSB	SO	ALL	LOW	TB-WIRES	135	307	55	16.885	
24	OH6LW	2016	SSB	SO	ALL	LOW	NONE	168	345	48	16.560	OH6LW
25	SA2APO	2016	SSB	SO	ALL	LOW	TB-WIRES	199	414	40	16.560	SA2APO
26	OH3LS	2016	SSB	SO	ALL	LOW	TB-WIRES	126	263	57	14.991	OH3LS
27	OZ3PY	2016	SSB	SO	ALL	LOW	TB-WIRES	173	357	41	14.637	OZ9DG
28	OV3T	2016	SSB	SO	ALL	LOW	ROOKIE	151	309	43	13.287	
29	OH6FXZ	2016	SSB	SO	ALL	LOW	NONE	140	293	45	13.185	OH6FXZ
30	OH2HZ	2016	SSB	SO	ALL	LOW	TB-WIRES	129	278	46	12.788	OH2HZ

## Single Operator All Band Low PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
31	LA6GX	2016	SSB	SO	ALL	LOW	NONE	126	268	46	12.328	LA6GX
32	SM5NQB	2016	SSB	SO	ALL	LOW	TB-WIRES	127	282	43	12.126	SM5NQB
33	SE5L	2016	SSB	SO	ALL	LOW	NONE	121	249	46	11.454	SM5ALJ
34	5P9R	2016	SSB	SO	ALL	LOW	WIRE-ONLY	115	242	43	10.406	OZ5XN
35	OH9VC	2016	SSB	SO	ALL	LOW	NONE	106	222	46	10.212	OH9VC
36	LB5BG	2016	SSB	SO	ALL	LOW	ROOKIE	108	219	45	9.855	LB5BG
37	OH5ELW	2016	SSB	SO	ALL	LOW	ROOKIE	130	277	35	9.695	OH5ELW
38	LB1LG	2016	SSB	SO	ALL	LOW	ROOKIE	105	218	43	9.374	LB1LG
39	SM6TOL	2016	SSB	SO	ALL	LOW	NONE	100	227	35	7.945	SM6TOL
40	OH7X	2016	SSB	SO	ALL	LOW	NONE	108	229	30	6.870	OH7CW
41	OH1CT	2016	SSB	SO	ALL	LOW	NONE	72	155	42	6.510	OH1CT
42	OH7EBA	2016	SSB	SO	ALL	LOW	WIRE-ONLY	72	153	37	5.661	
43	OH1XY	2016	SSB	SO	ALL	LOW	NONE	61	137	40	5.480	OH1XY
44	SM5CSS	2016	SSB	SO	ALL	LOW	NONE	107	223	24	5.352	SM5CSS
45	LA6PBA	2016	SSB	SO	ALL	LOW	NONE	64	132	39	5.148	LA6PBA
46	OH7HM	2016	SSB	SO	ALL	LOW	NONE	78	162	30	4.860	OH7HM
47	SM7IUN	2016	SSB	SO	ALL	LOW	WIRE-ONLY	76	156	31	4.836	SM7IUN
48	OH3NB	2016	SSB	SO	ALL	LOW	NONE	68	142	34	4.828	OH3NB
49	LB9KG	2016	SSB	SO	ALL	LOW	WIRE-ONLY	101	207	23	4.761	LB9KG
50	OH6EHZ	2016	SSB	SO	ALL	LOW	NONE	62	131	36	4.716	OH6EHZ
51	SM7E	2016	SSB	SO	ALL	LOW	NONE	63	138	32	4.416	SM7BHM
52	OH5C	2016	SSB	SO	ALL	LOW	NONE	61	128	34	4.352	OH5CW
53	LA8MOA	2016	SSB	SO	ALL	LOW	NONE	71	147	29	4.263	
54	OZ1ACB	2016	SSB	SO	ALL	LOW	TB-WIRES	54	117	32	3.744	OZ1ACB
55	OZ1JFK	2016	SSB	SO	ALL	LOW	NONE	50	108	33	3.564	OZ1JFK
56	OZ7BQ	2016	SSB	SO	ALL	LOW	NONE	67	139	24	3.336	OZ7BQ
57	OH0RJ	2016	SSB	SO	ALL	LOW	NONE	50	107	31	3.317	LARS OH0RJ
58	SA4AVS	2016	SSB	SO	ALL	LOW	NONE	56	119	24	2.856	
59	OZ8UW	2016	SSB	SO	ALL	LOW	NONE	46	94	28	2.632	
60	SG0W	2016	SSB	SO	ALL	LOW	WIRE-ONLY	46	100	26	2.600	SA0CAM
61	SA6SKA	2016	SSB	SO	ALL	LOW	ROOKIE	56	117	22	2.574	SA6SKA
62	OH2LH	2016	SSB	SO	ALL	LOW	TB-WIRES	45	94	23	2.162	OH2LH
63	SA5ATV	2016	SSB	SO	ALL	LOW	NONE	43	97	22	2.134	SA5ATV
64	OH2BXT	2016	SSB	SO	ALL	LOW	TB-WIRES	42	88	24	2.112	OH2BXT
65	OH2MGA	2016	SSB	SO	ALL	LOW	NONE	42	86	24	2.064	OH2MGA
66	SM0BYO	2016	SSB	SO	ALL	LOW	WIRE-ONLY	37	82	24	1.968	SM0BYO
67	LA8RTA	2016	SSB	SO	ALL	LOW	NONE	39	78	23	1.794	LA8RTA
68	OZ4FA	2016	SSB	SO	ALL	LOW	NONE	36	85	20	1.700	OZ4FA
69	SM3HBV	2016	SSB	SO	ALL	LOW	WIRE-ONLY	35	77	22	1.694	SM0HBV
70	SD6M	2016	SSB	SO	ALL	LOW	NONE	41	88	18	1.584	SA6BGR
71	SM4LRA	2016	SSB	SO	ALL	LOW	NONE	36	82	19	1.558	SM4LRA / CHRISTER
72	LA7USA	2016	SSB	SO	ALL	LOW	WIRE-ONLY	31	68	22	1.496	
73	OH3DP	2016	SSB	SO	ALL	LOW	WIRE-ONLY	30	63	18	1.134	OH3DP
74	OZ1D	2016	SSB	SO	ALL	LOW	NONE	27	64	16	1.024	OZ1D
75	LA9DK	2016	SSB	SO	ALL	LOW	NONE	30	60	16	960	LA9DK

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
76	OH2KI	2016	SSB	SO	ALL	LOW	NONE	27	57	15	855	
77	SM6OPW	2016	SSB	SO	ALL	LOW	NONE	33	68	11	748	
78	SM2OKD	2016	SSB	SO	ALL	LOW	ROOKIE	21	44	15	660	
79	SK6EI	2016	SSB	SO	ALL	LOW	NONE	18	37	13	481	SA6AQD
80	SM0Y	2016	SSB	SO	ALL	LOW	WIRE-ONLY	15	31	14	434	SM0Y
81	OZ4QX	2016	SSB	SO	ALL	LOW	NONE	16	33	13	429	
82	OH2EPW	2016	SSB	SO	ALL	LOW	ROOKIE	18	36	11	396	OH2EPW
83	TF8KY	2016	SSB	SO	ALL	LOW	NONE	15	33	12	396	TF8KY
84	SM5KQS	2016	SSB	SO	ALL	LOW	WIRE-ONLY	14	30	13	390	SM5KQS
85	OH2FUZ	2016	SSB	SO	ALL	LOW	WIRE-ONLY	14	32	10	320	OH2FUZ
86	OH1TD	2016	SSB	SO	ALL	LOW	NONE	14	30	10	300	OH1TD
87	OZ1KIH	2016	SSB	SO	ALL	LOW	ROOKIE	10	22	9	198	OZ1KIH
88	OG6T	2016	SSB	SO	ALL	LOW	TB-WIRES	12	27	6	162	
89	OH2BGR	2016	SSB	SO	ALL	LOW	TB-WIRES	10	20	8	160	OH2BGR
90	OH6EI	2016	SSB	SO	ALL	LOW	NONE	4	8	2	16	
91	SA5MMM	2016	SSB	SO	ALL	LOW	NONE	2	5	2	10	SA5MMM

**Single Operator All Band QRP PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	8S3DX	2016	SSB	SO	ALL	QRP	NONE	174	377	53	19.981	SM3LDP
2	LA7WRA	2016	SSB	SO	ALL	QRP	NONE	130	272	40	10.880	PETER
3	SA4DHT	2016	SSB	SO	ALL	QRP	ROOKIE	52	108	27	2.916	
4	LA9PTA	2016	SSB	SO	ALL	QRP	NONE	9	18	7	126	LA9PTA

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH5TS	2016	SSB	SA	ALL	HIGH	NONE	1023	2.248	181	406.888	OH5TS
2	OH5BM	2016	SSB	SA	ALL	HIGH	NONE	1042	2.262	170	384.540	OH5BM
3	OG6N	2016	SSB	SA	ALL	HIGH	NONE	1026	2.192	154	337.568	OH6NIO
4	OH1Z	2016	SSB	SA	ALL	HIGH	NONE	845	1.814	154	279.356	OH1LEG
5	SG0X	2016	SSB	SA	ALL	HIGH	NONE	845	1.807	141	254.787	SM0MLZ
6	8S0C	2016	SSB	SA	ALL	HIGH	TB-WIRES	659	1.515	132	199.980	SM0MPV
7	OH2BAI	2016	SSB	SA	ALL	HIGH	TB-WIRES	741	1.567	126	197.442	OH2BAI
8	OZ30EU	2016	SSB	SA	ALL	HIGH	NONE	601	1.293	123	159.039	OZ30EU
9	LA3BPA	2016	SSB	SA	ALL	HIGH	NONE	494	1.082	106	114.692	LA3BPA
10	OH4BNP	2016	SSB	SA	ALL	HIGH	NONE	455	975	87	84.825	OH4BNP
11	OH2J	2016	SSB	SA	ALL	HIGH	TB-WIRES	361	784	94	73.696	OH2OT
12	SD7X	2016	SSB	SA	ALL	HIGH	TB-WIRES	401	870	82	71.340	
13	SB7S	2016	SSB	SA	ALL	HIGH	TB-WIRES	385	811	68	55.148	SB7S
14	SM5D	2016	SSB	SA	ALL	HIGH	NONE	260	546	85	46.410	SM5DJZ
15	OH5KW	2016	SSB	SA	ALL	HIGH	NONE	263	574	80	45.920	OH5KW
16	OH6BG	2016	SSB	SA	ALL	HIGH	TB-WIRES	299	632	70	44.240	
17	SM5EPO	2016	SSB	SA	ALL	HIGH	NONE	226	517	81	41.877	SM5EPO
18	OG1D	2016	SSB	SA	ALL	HIGH	NONE	269	595	70	41.650	OG1D

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
19	LA7XK	2016	SSB	SA	ALL	HIGH	NONE	261	581	70	40.670	LA7XK
20	OH8FAL	2016	SSB	SA	ALL	HIGH	WIRE-ONLY	343	723	55	39.765	OH8FAL
21	SE5N	2016	SSB	SA	ALL	HIGH	TB-WIRES	203	439	73	32.047	SM5ISM
22	SK3UB	2016	SSB	SA	ALL	HIGH	NONE	219	469	65	30.485	SM3PXO
23	SM5CEU	2016	SSB	SA	ALL	HIGH	NONE	204	484	59	28.556	SM5CEU
24	OH2FNR	2016	SSB	SA	ALL	HIGH	TB-WIRES	161	359	68	24.412	
25	LA7VK	2016	SSB	SA	ALL	HIGH	NONE	144	308	55	16.940	LA7VK
26	OZ4VW	2016	SSB	SA	ALL	HIGH	NONE	126	298	56	16.688	OZ4VW
27	LA6UL	2016	SSB	SA	ALL	HIGH	NONE	116	237	45	10.665	LA6UL
28	TF3AO	2016	SSB	SA	ALL	HIGH	NONE	45	93	20	1.860	TF3AO
29	SM1NJC	2016	SSB	SA	ALL	HIGH	NONE	32	72	25	1.800	SM1NJC
30	SI6T	2016	SSB	SA	ALL	HIGH	WIRE-ONLY	5	11	4	44	SM6LZQ

**Single Operator Assisted All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LA1DSA	2016	SSB	SA	ALL	LOW	NONE	435	932	101	94.132	LA1DSA
2	SE5S	2016	SSB	SA	ALL	LOW	NONE	417	877	78	68.406	SE5S
3	LN7TTT	2016	SSB	SA	ALL	LOW	TB-WIRES	356	743	78	57.954	LA5LJA
4	OH6GDX	2016	SSB	SA	ALL	LOW	TB-WIRES	302	663	84	55.692	
5	SE5Z	2016	SSB	SA	ALL	LOW	TB-WIRES	268	582	80	46.560	SA5BCG
6	OH4MVH	2016	SSB	SA	ALL	LOW	TB-WIRES	297	626	74	46.324	OH4MVH
7	SM3EAE	2016	SSB	SA	ALL	LOW	NONE	325	676	57	38.532	SM3EAE
8	LA7AK	2016	SSB	SA	ALL	LOW	TB-WIRES	206	429	55	23.595	LA7AK
9	LA2XNA	2016	SSB	SA	ALL	LOW	NONE	185	378	55	20.790	LA2XNA
10	SM6MVE	2016	SSB	SA	ALL	LOW	WIRE-ONLY	149	316	59	18.644	SM6MVE
11	SG6T	2016	SSB	SA	ALL	LOW	NONE	144	304	52	15.808	SM6WET
12	OZ1KVM	2016	SSB	SA	ALL	LOW	NONE	103	225	59	13.275	OZ1KVM
13	SA0BVA	2016	SSB	SA	ALL	LOW	NONE	108	230	38	8.740	SA0BVA
14	SA6CME	2016	SSB	SA	ALL	LOW	WIRE-ONLY	98	205	38	7.790	SA6CME
15	OH2ECG	2016	SSB	SA	ALL	LOW	WIRE-ONLY	54	114	37	4.218	
16	OH6FTR	2016	SSB	SA	ALL	LOW	NONE	63	138	24	3.312	OH6FTR
17	SM3XRJ	2016	SSB	SA	ALL	LOW	NONE	55	114	20	2.280	SM3XRJ
18	SM6RXZ	2016	SSB	SA	ALL	LOW	NONE	19	40	15	600	SM6RXZ
19	SM3KJA	2016	SSB	SA	ALL	LOW	NONE	8	17	7	119	SM3KJA
20	LB5KG	2016	SSB	SA	ALL	LOW	ROOKIE	7	14	4	56	LB5KG

**Single Operator Assisted All Band QRP PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH8EJW	2016	SSB	SA	ALL	QRP	NONE	24	50	16	800	OH8EJW

**Single Operator All Band High PWR TB-Wires**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	8S0C	2016	SSB	SA	ALL	HIGH	TB-WIRES	659	1.515	132	199.980	SM0MPV
2	OH2BAI	2016	SSB	SA	ALL	HIGH	TB-WIRES	741	1.567	126	197.442	OH2BAI
3	OH6QU	2016	SSB	SO	ALL	HIGH	TB-WIRES	726	1.600	119	190.400	OH6QU
4	OH2J	2016	SSB	SA	ALL	HIGH	TB-WIRES	361	784	94	73.696	OH2OT
5	SM5YRA	2016	SSB	SO	ALL	HIGH	TB-WIRES	356	755	96	72.480	SM5YRA
6	SD7X	2016	SSB	SA	ALL	HIGH	TB-WIRES	401	870	82	71.340	
7	SB7S	2016	SSB	SA	ALL	HIGH	TB-WIRES	385	811	68	55.148	SB7S
8	OH6BG	2016	SSB	SA	ALL	HIGH	TB-WIRES	299	632	70	44.240	
9	SE5N	2016	SSB	SA	ALL	HIGH	TB-WIRES	203	439	73	32.047	SM5ISM
10	OH2FNR	2016	SSB	SA	ALL	HIGH	TB-WIRES	161	359	68	24.412	
11	SI2E	2016	SSB	SO	ALL	HIGH	TB-WIRES	132	272	40	10.880	SM2EKA
12	OG7M	2016	SSB	SO	ALL	HIGH	TB-WIRES	94	202	47	9.494	OG7M

**Single Operator All Band High PWR Wire-Only**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SE4E	2016	SSB	SO	ALL	HIGH	WIRE-ONLY	498	1.085	115	124.775	SM4DQE
2	OH6AC	2016	SSB	SO	ALL	HIGH	WIRE-ONLY	453	961	116	111.476	OH6CS
3	OH8FAL	2016	SSB	SA	ALL	HIGH	WIRE-ONLY	343	723	55	39.765	OH8FAL
4	SA6RTJ	2016	SSB	SO	ALL	HIGH	WIRE-ONLY	130	275	45	12.375	SA6RTJ
5	SI6T	2016	SSB	SA	ALL	HIGH	WIRE-ONLY	5	11	4	44	SM6LZQ

**Single Operator All Band Low/QRP PWR TB-Wires**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH3JP	2016	SSB	SO	ALL	LOW	TB-WIRES	549	1.167	97	113.199	OH3JP
2	OH6ECM	2016	SSB	SO	ALL	LOW	TB-WIRES	501	1.056	93	98.208	OH6ECM
3	SM2S	2016	SSB	SO	ALL	LOW	TB-WIRES	480	992	76	75.392	SM2S
4	OH3P	2016	SSB	SO	ALL	LOW	TB-WIRES	334	716	88	63.008	OH3P
5	LN7TTT	2016	SSB	SA	ALL	LOW	TB-WIRES	356	743	78	57.954	LA5LJA
6	OH6GDX	2016	SSB	SA	ALL	LOW	TB-WIRES	302	663	84	55.692	
7	OZ7IS	2016	SSB	SO	ALL	LOW	TB-WIRES	253	555	91	50.505	OZ7IS
8	SE5Z	2016	SSB	SA	ALL	LOW	TB-WIRES	268	582	80	46.560	SA5BCG
9	OH4MVH	2016	SSB	SA	ALL	LOW	TB-WIRES	297	626	74	46.324	OH4MVH
10	LA7AK	2016	SSB	SA	ALL	LOW	TB-WIRES	206	429	55	23.595	LA7AK
11	OH1MN	2016	SSB	SO	ALL	LOW	TB-WIRES	209	433	53	22.949	OH1MN
12	LA2HFA	2016	SSB	SO	ALL	LOW	TB-WIRES	160	338	67	22.646	LA2HFA
13	OZ4NA	2016	SSB	SO	ALL	LOW	TB-WIRES	154	324	61	19.764	OZ4NA
14	SB7W	2016	SSB	SO	ALL	LOW	TB-WIRES	135	307	55	16.885	
15	SA2APO	2016	SSB	SO	ALL	LOW	TB-WIRES	199	414	40	16.560	SA2APO
16	OH3LS	2016	SSB	SO	ALL	LOW	TB-WIRES	126	263	57	14.991	OH3LS
17	OZ3PY	2016	SSB	SO	ALL	LOW	TB-WIRES	173	357	41	14.637	OZ9DG
18	OH2HZ	2016	SSB	SO	ALL	LOW	TB-WIRES	129	278	46	12.788	OH2HZ
19	SM5NQB	2016	SSB	SO	ALL	LOW	TB-WIRES	127	282	43	12.126	SM5NQB
20	OZ1ACB	2016	SSB	SO	ALL	LOW	TB-WIRES	54	117	32	3.744	OZ1ACB
21	OH2LH	2016	SSB	SO	ALL	LOW	TB-WIRES	45	94	23	2.162	OH2LH

**Single Operator All Band Low/QRP PWR TB-Wires**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
22	OH2BXT	2016	SSB	SO	ALL	LOW	TB-WIRES	42	88	24	2.112	OH2BXT
23	OG6T	2016	SSB	SO	ALL	LOW	TB-WIRES	12	27	6	162	
24	OH2BGR	2016	SSB	SO	ALL	LOW	TB-WIRES	10	20	8	160	OH2BGR

**Single Operator All Band Low/QRP PWR Wire-Only**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	SF3A	2016	SSB	SO	ALL	LOW	WIRE-ONLY	489	1.030	81	83.430	SM3CER
2	5P8Z	2016	SSB	SO	ALL	LOW	WIRE-ONLY	187	393	64	25.152	OZ8ZS
3	OH2KM	2016	SSB	SO	ALL	LOW	WIRE-ONLY	214	457	50	22.850	OH2KM
4	SM6MVE	2016	SSB	SA	ALL	LOW	WIRE-ONLY	149	316	59	18.644	SM6MVE
5	5P9R	2016	SSB	SO	ALL	LOW	WIRE-ONLY	115	242	43	10.406	OZ5XN
6	SA6CME	2016	SSB	SA	ALL	LOW	WIRE-ONLY	98	205	38	7.790	SA6CME
7	OH7EBA	2016	SSB	SO	ALL	LOW	WIRE-ONLY	72	153	37	5.661	
8	SM7IUN	2016	SSB	SO	ALL	LOW	WIRE-ONLY	76	156	31	4.836	SM7IUN
9	LB9KG	2016	SSB	SO	ALL	LOW	WIRE-ONLY	101	207	23	4.761	LB9KG
10	OH2ECG	2016	SSB	SA	ALL	LOW	WIRE-ONLY	54	114	37	4.218	
11	SG0W	2016	SSB	SO	ALL	LOW	WIRE-ONLY	46	100	26	2.600	SA0CAM
12	SM0BYO	2016	SSB	SO	ALL	LOW	WIRE-ONLY	37	82	24	1.968	SM0BYO
13	SM3HBV	2016	SSB	SO	ALL	LOW	WIRE-ONLY	35	77	22	1.694	SM0HBV
14	LA7USA	2016	SSB	SO	ALL	LOW	WIRE-ONLY	31	68	22	1.496	
15	OH3DP	2016	SSB	SO	ALL	LOW	WIRE-ONLY	30	63	18	1.134	OH3DP
16	SM0Y	2016	SSB	SO	ALL	LOW	WIRE-ONLY	15	31	14	434	SM0OY
17	SM5KQS	2016	SSB	SO	ALL	LOW	WIRE-ONLY	14	30	13	390	SM5KQS
18	OH2FUZ	2016	SSB	SO	ALL	LOW	WIRE-ONLY	14	32	10	320	OH2FUZ

**Single Operator All Band Low/QRP PWR Rookie**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH1XFE	2016	SSB	SO	ALL	LOW	ROOKIE	242	507	55	27.885	OH1XFE
2	OV3T	2016	SSB	SO	ALL	LOW	ROOKIE	151	309	43	13.287	
3	LB5BG	2016	SSB	SO	ALL	LOW	ROOKIE	108	219	45	9.855	LB5BG
4	OH5ELW	2016	SSB	SO	ALL	LOW	ROOKIE	130	277	35	9.695	OH5ELW
5	LB1LG	2016	SSB	SO	ALL	LOW	ROOKIE	105	218	43	9.374	LB1LG
6	SA4DHT	2016	SSB	SO	ALL	QRP	ROOKIE	52	108	27	2.916	
7	SA6SKA	2016	SSB	SO	ALL	LOW	ROOKIE	56	117	22	2.574	SA6SKA
8	SM2OKD	2016	SSB	SO	ALL	LOW	ROOKIE	21	44	15	660	
9	OH2EPW	2016	SSB	SO	ALL	LOW	ROOKIE	18	36	11	396	OH2EPW
10	OZ1KIH	2016	SSB	SO	ALL	LOW	ROOKIE	10	22	9	198	OZ1KIH
11	LB5KG	2016	SSB	SA	ALL	LOW	ROOKIE	7	14	4	56	LB5KG

**Single Operator 80 meter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH2PQ	2016	SSB	SO	80M	HIGH	NONE	165	341	29	9.889	
2	SM5INC	2016	SSB	SO	80M	HIGH	NONE	155	316	28	8.848	

**Single Operator 80 meter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
3	OZ6HR	2016	SSB	SO	80M	HIGH	NONE	49	99	16	1.584	OZ1QZ
4	SM7MX	2016	SSB	SO	80M	HIGH	NONE	16	32	8	256	SM5MX
5	SJ3Y	2016	SSB	SO	80M	HIGH	NONE	4	8	3	24	SM0DZH
6	OH8CW	2016	SSB	SO	80M	HIGH	NONE	1	2	1	2	OH8CW

**Single Operator 40 meter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OZ1ZD	2016	SSB	SO	40M	HIGH	NONE	635	1.298	49	63.602	OZ1ZD
2	SA6BET	2016	SSB	SO	40M	HIGH	NONE	447	912	47	42.864	SA6BET
3	OZ11A	2016	SSB	SO	40M	HIGH	NONE	446	904	42	37.968	OZ11A
4	OH8UV	2016	SSB	SO	40M	HIGH	NONE	344	711	43	30.573	
5	SM7ATL	2016	SSB	SO	40M	HIGH	NONE	174	356	30	10.680	SM7ATL
6	OH2BCD	2016	SSB	SO	40M	HIGH	NONE	146	304	30	9.120	JUHANI
7	OZ1JVX	2016	SSB	SO	40M	HIGH	NONE	95	194	26	5.044	
8	OH1IOR	2016	SSB	SO	40M	HIGH	NONE	91	184	22	4.048	OH1IOR
9	OH6X	2016	SSB	SO	40M	HIGH	NONE	35	73	21	1.533	

**Single Operator 20 meter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	TF3CW	2016	SSB	SO	20M	HIGH	NONE	1487	3.679	77	283.283	TF3CW
2	OH8L	2016	SSB	SO	20M	HIGH	NONE	885	2.040	68	138.720	OH8LQ
3	LN1T	2016	SSB	SO	20M	HIGH	NONE	522	1.263	49	61.887	LA2IMA
4	OG30OJ	2016	SSB	SO	20M	HIGH	NONE	534	1.112	46	51.152	OH3OJ
5	OH4BCS	2016	SSB	SO	20M	HIGH	NONE	385	807	46	37.122	OH1ZAA
6	OH2PW	2016	SSB	SO	20M	HIGH	NONE	284	608	36	21.888	OH2MZB
7	LB6KC	2016	SSB	SO	20M	HIGH	NONE	250	541	35	18.935	LB6KC
8	OX5T	2016	SSB	SO	20M	HIGH	NONE	236	547	32	17.504	OX5T
9	TF3T	2016	SSB	SO	20M	HIGH	NONE	196	408	34	13.872	TF3T
10	TF3W	2016	SSB	SO	20M	HIGH	NONE	125	306	25	7.650	K9JF
11	OZ5GOL	2016	SSB	SO	20M	HIGH	NONE	78	165	23	3.795	OZ5GOL
12	OZ1DYI	2016	SSB	SO	20M	HIGH	NONE	67	141	20	2.820	
13	OH5BW	2016	SSB	SO	20M	HIGH	NONE	70	142	19	2.698	OH5BW
14	SM6USS	2016	SSB	SO	20M	HIGH	NONE	61	133	19	2.527	SM6USS
15	OH3MNC	2016	SSB	SO	20M	HIGH	NONE	54	116	20	2.320	
16	OH8KVV	2016	SSB	SO	20M	HIGH	NONE	58	117	17	1.989	OH8KVV
17	OZ1KZX	2016	SSB	SO	20M	HIGH	NONE	48	98	17	1.666	OZ1KZX
18	OZ8RH	2016	SSB	SO	20M	HIGH	NONE	35	75	14	1.050	OZ8RH
19	OH5EP	2016	SSB	SO	20M	HIGH	NONE	32	64	13	832	OH5EP
20	OH2KW	2016	SSB	SO	20M	HIGH	NONE	23	51	12	612	
21	OH1TS	2016	SSB	SO	20M	HIGH	NONE	24	48	12	576	OH1TS
22	SG3O	2016	SSB	SO	20M	HIGH	NONE	18	36	9	324	SM3AGO
23	OX3LX	2016	SSB	SO	20M	HIGH	NONE	5	10	4	40	OX3LX
24	OH1KH	2016	SSB	SO	20M	HIGH	NONE	1	2	1	2	OH1KH

**Single Operator 15 meter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH3XA	2016	SSB	SO	15M	HIGH	NONE	93	225	35	7.875	OH3XA
2	OH1RX	2016	SSB	SO	15M	HIGH	NONE	93	238	31	7.378	
3	OH2BAH	2016	SSB	SO	15M	HIGH	NONE	88	218	31	6.758	OH2PQ
4	OH5BQ	2016	SSB	SO	15M	HIGH	NONE	68	158	25	3.950	
5	OH1QX	2016	SSB	SO	15M	HIGH	NONE	58	135	21	2.835	OH1ZAA
6	OH2MFE	2016	SSB	SO	15M	HIGH	NONE	25	60	13	780	OH2MFE
7	SM6WYN	2016	SSB	SO	15M	HIGH	NONE	16	43	9	387	

**Multi Operator Single Transmitter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH0B	2016	SSB	MUL-ONE	ALL	HIGH	NONE	1424	3.252	215	699.190	OH2BH OH2MM OH8NC
2	OH1F	2016	SSB	MUL-ONE	ALL	HIGH	NONE	1312	2.986	199	594.214	OH1NOA OH1TM
3	SK6HD	2016	SSB	MUL-ONE	ALL	HIGH	NONE	819	1.813	151	273.763	SM6NET SM6FKF
4	SK6AW	2016	SSB	MUL-ONE	ALL	HIGH	NONE	797	1.783	140	249.620	SA6CBN SA6CBY SA6BGR SM6U
5	SC3A	2016	SSB	MUL-ONE	ALL	HIGH	NONE	774	1.643	138	226.734	SM3WMU SM3RAB
6	LN1B	2016	SSB	MUL-ONE	ALL	HIGH	NONE	764	1.624	137	222.488	LA6VQ LA4XLA LB1AH LB5WB LA1VNA
7	OH6K	2016	SSB	MUL-ONE	ALL	HIGH	NONE	742	1.598	125	199.750	OH6FSG OH6MSZ OH6KP
8	SK7K	2016	SSB	MUL-ONE	ALL	HIGH	NONE	648	1.437	137	196.869	SG7A SM7LXV
9	OH3AA	2016	SSB	MUL-ONE	ALL	HIGH	NONE	660	1.436	130	186.680	OH2KI OH3JR OH3RF
10	OZ7D	2016	SSB	MUL-ONE	ALL	HIGH	NONE	612	1.372	131	179.732	OZ1II OZ1OM OZ2CQ OZ6OM
11	SJ3A	2016	SSB	MUL-ONE	ALL	HIGH	NONE	631	1.330	113	150.290	SM3MTR SM3OMO SA3MYS SM3ULU
12	OI3V	2016	SSB	MUL-ONE	ALL	HIGH	NONE	461	993	119	118.167	OH3KAV OH3BJL
13	OZ5BAL	2016	SSB	MUL-ONE	ALL	HIGH	NONE	496	1.058	110	116.380	OZ1JTE OZ2PJ OZ0J
14	OZ7KJ	2016	SSB	MUL-ONE	ALL	HIGH	NONE	467	1.030	111	114.330	OZ3MC OZ7MKS OZ3JB
15	SK5WB	2016	SSB	MUL-ONE	ALL	HIGH	NONE	442	945	105	99.225	SA5AIO SM5NUZ
16	LN4BBC	2016	SSB	MUL-ONE	ALL	HIGH	NONE	400	848	92	78.016	LA3RNA LA5FBA LA6ZFA
17	OH8BBO	2016	SSB	MUL-ONE	ALL	HIGH	NONE	505	1.051	73	76.723	OH8BBO OH8GET
18	LG5LG	2016	SSB	MUL-ONE	ALL	HIGH	NONE	402	832	83	69.056	DJ4MF DL2JRM
19	LA4O	2016	SSB	MUL-ONE	ALL	HIGH	NONE	324	699	82	57.318	LA8FTA LB1RH LB8CG LA1VUA
20	OH5B	2016	SSB	MUL-ONE	ALL	HIGH	NONE	316	662	84	55.608	OH5EIL OH5FVY OH5GIO
21	SK5LW	2016	SSB	MUL-ONE	ALL	HIGH	NONE	326	702	79	55.458	SM5PBT SA5BUM
22	LA1LO	2016	SSB	MUL-ONE	ALL	HIGH	NONE	191	392	67	26.264	LA1LO LA3DV LA1BN LA9LM
23	SD4C	2016	SSB	MUL-ONE	ALL	HIGH	NONE	221	471	50	23.550	SM0SHG SA0BVX
24	OH3AC	2016	SSB	MUL-ONE	ALL	HIGH	NONE	90	195	45	8.775	OH3WR OH3EXI OH3EQS
25	SK2T	2016	SSB	MUL-ONE	ALL	HIGH	NONE	111	232	35	8.120	SA2BLV SA2PKA

**Multi Operator Multi Transmitter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	OH5Z	2016	SSB	MULTI-MULTI	ALL	HIGH	NONE	1553	3.457	193	667.201	OG9X OH5CZ OH5KS OH5LF OH5NQ OH6XX
2	OH9W	2016	SSB	MULTI-MULTI	ALL	HIGH	NONE	1147	2.477	167	413.659	OH2BCI OH2TA OH2FB OH2KW OH2GEK JW6VDA
3	LA4C	2016	SSB	MULTI-MULTI	ALL	HIGH	NONE	845	1.834	151	276.934	LA1ZTA LA7XIA LA9RY LA8OM LB4FH LA1CO LA6SFA LA2JLA LA6ZP
4	SK3W	2016	SSB	MULTI-MULTI	ALL	HIGH	NONE	660	1.477	141	208.257	SM3SGP SM5AJV
5	SK0QO	2016	SSB	MULTI-MULTI	ALL	HIGH	NONE	688	1.494	129	192.726	SM0DSG SM0IFP SM0DWK SM0NUE SM0DSF
6	SI9AM	2016	SSB	MULTI-MULTI	ALL	HIGH	NONE	564	1.165	97	113.005	SA0BYP SA3BYC

Checklogs: LA3BO

**DL3KWF**

Hallo

Here my small report about SAC 2016.

During the CW part of SAC 2016 I was to visit in the Black Forest. To enjoy the possibilities a remote radio I took some QSOs in this contest. This remote radio is located in my home city Greifswald.

Vy 73

Hardy, DL3KWF

# AFRICA

## Single Operator All Band High PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	EA8DED	2016	SSB	SO	ALL	HIGH	NONE	309	491	113	55.483	OH2BP

## Single Operator All Band Low PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	EA8CVW	2016	SSB	SO	ALL	LOW	NONE	13	13	10	130	

## Single Operator Assisted All Band Low PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	CN8VO	2016	SSB	SA	ALL	LOW	NONE	49	75	30	2.250	CN8VO

# ASIA

## Single Operator All Band High PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	R8WF	2016	SSB	SO	ALL	HIGH	NONE	347	543	103	55.929	
2	R9AB	2016	SSB	SO	ALL	HIGH	NONE	237	395	89	35.155	R9AB
3	RZ9JZ	2016	SSB	SO	ALL	HIGH	NONE	229	247	62	15.314	RZ9JZ
4	A93JA	2016	SSB	SO	ALL	HIGH	NONE	133	143	49	7.007	KE5JA
5	A71AE	2016	SSB	SO	ALL	HIGH	NONE	101	101	49	4.949	
6	VU2YVK	2016	SSB	SO	ALL	HIGH	NONE	94	108	40	4.320	VU2YVK
7	YM2KY	2016	SSB	SO	ALL	HIGH	NONE	79	79	27	2.133	YM2KY
8	JH1CML	2016	SSB	SO	ALL	HIGH	NONE	60	60	24	1.440	
9	TA4SO	2016	SSB	SO	ALL	HIGH	NONE	45	45	29	1.305	
10	RW9LL	2016	SSB	SO	ALL	HIGH	NONE	22	66	15	990	RW9LL
11	RW9XU	2016	SSB	SO	ALL	HIGH	NONE	39	39	18	702	RW9XU
12	JQ1QKK	2016	SSB	SO	ALL	HIGH	NONE	32	32	17	544	YOSHIHIRO KITAOKA
13	JA1DCO	2016	SSB	SO	ALL	HIGH	NONE	26	26	15	390	
14	VU2BL	2016	SSB	SO	ALL	HIGH	NONE	22	22	10	220	
15	VU2TO	2016	SSB	SO	ALL	HIGH	NONE	7	7	6	42	
16	JA9CCG	2016	SSB	SO	ALL	HIGH	NONE	5	5	4	20	

## Single Operator All Band Low PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	UA9R	2016	SSB	SO	ALL	LOW	NONE	168	254	77	19.558	
2	RX9CCJ	2016	SSB	SO	ALL	LOW	NONE	155	185	55	10.175	
3	YM1KD	2016	SSB	SO	ALL	LOW	NONE	176	180	54	9.720	TA1BX
4	TA4AKS	2016	SSB	SO	ALL	LOW	NONE	99	151	52	7.852	TA4AKS
5	HS0ZHC	2016	SSB	SO	ALL	LOW	NONE	123	123	43	5.289	HS0ZHC
6	TA4/OH7JL	2016	SSB	SO	ALL	LOW	NONE	113	131	38	4.978	OH7JL
7	TA4/OH2BDD	2016	SSB	SO	ALL	LOW	NONE	80	108	41	4.428	OH2BDD

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
8	RV9YK	2016	SSB	SO	ALL	LOW	NONE	102	102	37	3.774	RV9YK
9	UN7PGA	2016	SSB	SO	ALL	LOW	NONE	78	94	40	3.760	
10	TA2EJ	2016	SSB	SO	ALL	LOW	NONE	78	78	28	2.184	RIDVAN AKIN
11	UA8CW	2016	SSB	SO	ALL	LOW	NONE	47	85	24	2.040	
12	VU2DED	2016	SSB	SO	ALL	LOW	NONE	70	70	27	1.890	VU2DED
13	UA9JNT	2016	SSB	SO	ALL	LOW	NONE	53	55	31	1.705	
14	TA3ABM	2016	SSB	SO	ALL	LOW	NONE	42	50	29	1.450	
15	UA9MQN/8	2016	SSB	SO	ALL	LOW	NONE	49	49	28	1.372	UA9MQN
16	R9QQ	2016	SSB	SO	ALL	LOW	NONE	39	41	32	1.312	
17	RZ9UO	2016	SSB	SO	ALL	LOW	NONE	44	44	25	1.100	
18	TA2ACW	2016	SSB	SO	ALL	LOW	NONE	20	40	18	720	TA2ACW
19	TA4A	2016	SSB	SO	ALL	LOW	NONE	29	31	20	620	TA4A
20	RA9XSL	2016	SSB	SO	ALL	LOW	NONE	22	22	11	242	
21	JS6SRY	2016	SSB	SO	ALL	LOW	NONE	15	15	9	135	
22	TA8A	2016	SSB	SO	ALL	LOW	NONE	14	14	9	126	
23	VU3XIO	2016	SSB	SO	ALL	LOW	NONE	9	9	8	72	
24	UB8SDV	2016	SSB	SO	ALL	LOW	NONE	10	10	6	60	
25	TA3EP	2016	SSB	SO	ALL	LOW	NONE	8	8	7	56	
26	VU3SIO	2016	SSB	SO	ALL	LOW	NONE	8	8	7	56	
27	BA4DW	2016	SSB	SO	ALL	LOW	NONE	6	6	5	30	BA4DW
28	VU2JOS	2016	SSB	SO	ALL	LOW	NONE	4	4	4	16	
29	TA1CH	2016	SSB	SO	ALL	LOW	NONE	2	2	2	4	MESUT
30	9W2VRD	2016	SSB	SO	ALL	LOW	NONE	1	3	1	3	9W2VRD
31	BI4VIP	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	BI4VIP
32	JE1RRK	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	
33	JG1GCO	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	
34	JR4LRY	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	
35	TA2DX	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	TA2DX
36	VU2UI	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	
37	VU3LMS	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	

**Single Operator All Band QRP PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	UA0SBQ/P	2016	SSB	SO	ALL	QRP	NONE	7	7	7	49	
2	HL1ZIX	2016	SSB	SO	ALL	QRP	NONE	2	2	2	4	

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	P3X	2016	SSB	SA	ALL	HIGH	NONE	425	689	125	86.125	5B4AMM
2	RG9A	2016	SSB	SA	ALL	HIGH	NONE	393	647	121	78.287	RG9A
3	UA9BA	2016	SSB	SA	ALL	HIGH	NONE	213	315	91	28.665	
4	RZ9U	2016	SSB	SA	ALL	HIGH	NONE	264	346	78	26.988	RZ9U
5	UI8J	2016	SSB	SA	ALL	HIGH	NONE	150	174	63	10.962	UI8J
6	TA1API	2016	SSB	SA	ALL	HIGH	NONE	66	86	44	3.784	TA1API

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
7	VR2XMT	2016	SSB	SA	ALL	HIGH	NONE	77	77	34	2.618	VR2XMT
8	BD7IS	2016	SSB	SA	ALL	HIGH	NONE	69	69	33	2.277	BD7IS
9	JH5MXB	2016	SSB	SA	ALL	HIGH	NONE	56	56	35	1.960	JH5MXB
10	TA1CQ	2016	SSB	SA	ALL	HIGH	NONE	61	61	25	1.525	TA1CQ
11	TC4A	2016	SSB	SA	ALL	HIGH	NONE	48	52	25	1.300	TA4CS
12	RA0AM	2016	SSB	SA	ALL	HIGH	NONE	19	19	12	228	RA0AM
13	BD1IIJ	2016	SSB	SA	ALL	HIGH	NONE	9	9	6	54	BD1IIJ
14	TA4CS	2016	SSB	SA	ALL	HIGH	NONE	7	7	6	42	
15	BG5TZP	2016	SSB	SA	ALL	HIGH	NONE	2	2	2	4	BG5TZP

**Single Operator Assisted All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RC9A	2016	SSB	SA	ALL	LOW	NONE	129	239	58	13.862	RC9A
2	RA9MX	2016	SSB	SA	ALL	LOW	NONE	135	165	57	9.405	RA9MX
3	UN8PT	2016	SSB	SA	ALL	LOW	NONE	99	99	38	3.762	UN8PT
4	TA3MA	2016	SSB	SA	ALL	LOW	NONE	41	53	26	1.378	TA3MA
5	TA3AER	2016	SSB	SA	ALL	LOW	NONE	38	38	21	798	TA3AER
6	JA4XHF/3	2016	SSB	SA	ALL	LOW	NONE	21	21	16	336	
7	JH3DMQ	2016	SSB	SA	ALL	LOW	NONE	4	4	4	16	
8	VU2IBI	2016	SSB	SA	ALL	LOW	NONE	3	3	3	9	VU2IBI

**Multi Operator Single Transmitter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RW9C	2016	SSB	MUL-ONE	ALL	HIGH	NONE	150	190	58	11.020	
2	RK9LWA	2016	SSB	MUL-ONE	ALL	HIGH	NONE	106	106	50	5.300	R8LA R9LY
3	RC9J	2016	SSB	MUL-ONE	ALL	HIGH	NONE	115	115	45	5.175	R9JR RZ9WF

Checklogs: RA9APG, VU2MUD

**EUROPE****Single Operator All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RM5A	2016	SSB	SO	ALL	HIGH	NONE	570	570	150	85.500	SM6LRR
2	HB9EOU	2016	SSB	SO	ALL	HIGH	NONE	440	440	120	52.800	
3	YP0C	2016	SSB	SO	ALL	HIGH	NONE	454	454	113	51.302	YO3CZW
4	DM1CM	2016	SSB	SO	ALL	HIGH	NONE	363	363	93	33.759	DM1CM
5	DL7SP	2016	SSB	SO	ALL	HIGH	NONE	329	329	89	29.281	DL7SP
6	US5D	2016	SSB	SO	ALL	HIGH	NONE	308	308	92	28.336	UT7DX
7	IZ8EPX	2016	SSB	SO	ALL	HIGH	NONE	319	319	88	28.072	
8	IZ4JUK	2016	SSB	SO	ALL	HIGH	NONE	283	283	99	28.017	
9	IZ8GUQ	2016	SSB	SO	ALL	HIGH	NONE	254	254	104	26.416	
10	IK0PHY	2016	SSB	SO	ALL	HIGH	NONE	249	249	102	25.398	

**Single Operator All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
11	RL4F	2016	SSB	SO	ALL	HIGH	NONE	259	259	93	24.087	
12	LZ1DQ	2016	SSB	SO	ALL	HIGH	NONE	235	235	87	20.445	LZ1DQ
13	OM4M	2016	SSB	SO	ALL	HIGH	NONE	238	238	70	16.660	
14	I4XNN	2016	SSB	SO	ALL	HIGH	NONE	211	211	77	16.247	
15	EA3HJO	2016	SSB	SO	ALL	HIGH	NONE	213	213	75	15.975	EA3HJO
16	UT3QD	2016	SSB	SO	ALL	HIGH	NONE	177	177	71	12.567	
17	DG1EA	2016	SSB	SO	ALL	HIGH	NONE	186	186	66	12.276	DG1EA
18	OK2ABU	2016	SSB	SO	ALL	HIGH	NONE	145	145	58	8.410	
19	IS0BSR	2016	SSB	SO	ALL	HIGH	NONE	140	140	47	6.580	
20	IZ1NBX	2016	SSB	SO	ALL	HIGH	NONE	105	105	50	5.250	
21	HB9FVL	2016	SSB	SO	ALL	HIGH	NONE	124	124	41	5.084	HB9FVL
22	US6IKF	2016	SSB	SO	ALL	HIGH	NONE	98	98	47	4.606	US6IKF
23	R2GB	2016	SSB	SO	ALL	HIGH	NONE	93	93	40	3.720	R2GB
24	MM2N	2016	SSB	SO	ALL	HIGH	NONE	104	104	35	3.640	
25	SQ7OTK	2016	SSB	SO	ALL	HIGH	NONE	79	79	45	3.555	SQ7OTK
26	IU4DEG	2016	SSB	SO	ALL	HIGH	NONE	68	68	41	2.788	IU4DEG
27	DF8XC	2016	SSB	SO	ALL	HIGH	NONE	89	89	30	2.670	
28	HB9EDY	2016	SSB	SO	ALL	HIGH	NONE	80	80	27	2.160	OH6EDY
29	F5OQL	2016	SSB	SO	ALL	HIGH	NONE	73	73	28	2.044	
30	YO3GNF	2016	SSB	SO	ALL	HIGH	NONE	61	61	32	1.952	YO3GNF
31	DK6SP	2016	SSB	SO	ALL	HIGH	NONE	67	67	29	1.943	
32	G4MFX	2016	SSB	SO	ALL	HIGH	NONE	57	57	33	1.881	G4MFX
33	YT9M	2016	SSB	SO	ALL	HIGH	NONE	45	45	33	1.485	YT9M
34	U1BD	2016	SSB	SO	ALL	HIGH	NONE	52	52	25	1.300	
35	DK1AX	2016	SSB	SO	ALL	HIGH	NONE	52	52	24	1.248	
36	US0UX	2016	SSB	SO	ALL	HIGH	NONE	38	38	28	1.064	
37	YL3CW	2016	SSB	SO	ALL	HIGH	NONE	42	42	24	1.008	
38	G4HBI/M	2016	SSB	SO	ALL	HIGH	NONE	52	52	18	936	G4HBI/M
39	F6API	2016	SSB	SO	ALL	HIGH	NONE	42	42	17	714	F6API
40	IW2OEV	2016	SSB	SO	ALL	HIGH	NONE	30	30	22	660	IW2OEV
41	RW3DU	2016	SSB	SO	ALL	HIGH	NONE	30	30	21	630	RW3DU
42	UT7UX	2016	SSB	SO	ALL	HIGH	NONE	29	29	20	580	
43	DL6DVU	2016	SSB	SO	ALL	HIGH	NONE	33	33	17	561	
44	PE1EXD	2016	SSB	SO	ALL	HIGH	NONE	27	27	19	513	PA3KL
45	UX3IT	2016	SSB	SO	ALL	HIGH	NONE	28	28	16	448	UX3IT
46	IZ8LNG	2016	SSB	SO	ALL	HIGH	NONE	18	18	11	198	
47	IN3EMI	2016	SSB	SO	ALL	HIGH	NONE	15	15	11	165	
48	Z31RA	2016	SSB	SO	ALL	HIGH	NONE	9	9	7	63	Z31RA
49	RA3NC	2016	SSB	SO	ALL	HIGH	NONE	7	7	6	42	

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	UR2Y	2016	SSB	SO	ALL	LOW	NONE	380	380	102	38.760	US0YW
2	IQ0HV	2016	SSB	SO	ALL	LOW	NONE	306	306	109	33.354	I0KNQ

## Single Operator All Band Low PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
3	LZ2PS	2016	SSB	SO	ALL	LOW	NONE	297	297	101	29.997	LZ2PS
4	OK2MBP	2016	SSB	SO	ALL	LOW	NONE	309	309	93	28.737	
5	LZ1ND	2016	SSB	SO	ALL	LOW	NONE	301	301	84	25.284	LZ1ND
6	F5LIW	2016	SSB	SO	ALL	LOW	NONE	278	278	89	24.742	F5LIW
7	IK4QJF	2016	SSB	SO	ALL	LOW	NONE	281	281	84	23.604	
8	UA6LN	2016	SSB	SO	ALL	LOW	NONE	231	231	95	21.945	
9	OM7AB	2016	SSB	SO	ALL	LOW	NONE	241	241	84	20.244	OM7AB
10	DJ4MH	2016	SSB	SO	ALL	LOW	NONE	228	228	78	17.784	
11	MU0GSY	2016	SSB	SO	ALL	LOW	NONE	241	241	73	17.593	MU0GSY
12	IK7RVY	2016	SSB	SO	ALL	LOW	NONE	234	234	75	17.550	
13	OE6HLF	2016	SSB	SO	ALL	LOW	NONE	218	218	78	17.004	
14	S56AX	2016	SSB	SO	ALL	LOW	NONE	218	218	76	16.568	S56AX
15	DL8AAV	2016	SSB	SO	ALL	LOW	NONE	218	218	72	15.696	DL8AAV
16	9A2BD	2016	SSB	SO	ALL	LOW	NONE	210	210	74	15.540	9A2BD
17	RN4HAB	2016	SSB	SO	ALL	LOW	NONE	186	186	69	12.834	RN4HAB
18	G0AJJ	2016	SSB	SO	ALL	LOW	NONE	185	185	68	12.580	G0AJJ
19	UX3HA	2016	SSB	SO	ALL	LOW	NONE	186	186	66	12.276	
20	R3AP	2016	SSB	SO	ALL	LOW	NONE	154	154	79	12.166	
21	SP6DVP	2016	SSB	SO	ALL	LOW	NONE	201	201	57	11.457	SP6DVP
22	IT9NAN	2016	SSB	SO	ALL	LOW	NONE	190	190	60	11.400	
23	UA3ABJ	2016	SSB	SO	ALL	LOW	NONE	159	159	71	11.289	
24	F6DRP	2016	SSB	SO	ALL	LOW	NONE	200	200	56	11.200	F6DRP
25	IT9FRX	2016	SSB	SO	ALL	LOW	NONE	162	162	68	11.016	
26	IW2MXY	2016	SSB	SO	ALL	LOW	NONE	178	178	59	10.502	
27	9A5RPZ	2016	SSB	SO	ALL	LOW	NONE	163	163	61	9.943	
28	LZ3SD	2016	SSB	SO	ALL	LOW	NONE	155	155	64	9.920	LZ3SD
29	F4FMU	2016	SSB	SO	ALL	LOW	NONE	138	138	69	9.522	F4FMU
30	PA7WW	2016	SSB	SO	ALL	LOW	NONE	152	152	62	9.424	PA7WW
31	IK1RGK	2016	SSB	SO	ALL	LOW	NONE	162	162	58	9.396	
32	HB9MXY	2016	SSB	SO	ALL	LOW	NONE	149	149	61	9.089	
33	IT9OPR	2016	SSB	SO	ALL	LOW	NONE	142	142	60	8.520	
34	OM8JP	2016	SSB	SO	ALL	LOW	NONE	141	141	60	8.460	
35	YL3AD	2016	SSB	SO	ALL	LOW	NONE	141	141	60	8.460	YL3AD
36	OK1HEH	2016	SSB	SO	ALL	LOW	NONE	140	140	59	8.260	OK1HEH
37	HA5PL	2016	SSB	SO	ALL	LOW	NONE	134	134	59	7.906	
38	OE3DMA	2016	SSB	SO	ALL	LOW	NONE	124	124	61	7.564	
39	UT8AS	2016	SSB	SO	ALL	LOW	NONE	110	110	66	7.260	
40	IK4OMO	2016	SSB	SO	ALL	LOW	NONE	126	126	57	7.182	
41	RZ4W	2016	SSB	SO	ALL	LOW	NONE	133	133	50	6.650	
42	HB9CNY	2016	SSB	SO	ALL	LOW	NONE	124	124	51	6.324	HB9CNY
43	IW1RLC	2016	SSB	SO	ALL	LOW	NONE	107	107	59	6.313	
44	DL4MFR	2016	SSB	SO	ALL	LOW	NONE	121	121	51	6.171	
45	IZ8YAA	2016	SSB	SO	ALL	LOW	NONE	101	101	60	6.060	IZ8YAA
46	R7MP	2016	SSB	SO	ALL	LOW	NONE	121	121	50	6.050	R7MP
47	LZ2FM	2016	SSB	SO	ALL	LOW	NONE	111	111	54	5.994	

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
48	GU0UVH	2016	SSB	SO	ALL	LOW	NONE	111	111	51	5.661	GU0UVH
49	LY7Z	2016	SSB	SO	ALL	LOW	NONE	96	96	58	5.568	
50	IN3EIS	2016	SSB	SO	ALL	LOW	NONE	107	107	52	5.564	
51	M6EAM	2016	SSB	SO	ALL	LOW	NONE	120	120	46	5.520	M6EAM
52	UA4HTT	2016	SSB	SO	ALL	LOW	NONE	112	112	49	5.488	UA4HTT
53	EC7DZZ	2016	SSB	SO	ALL	LOW	NONE	114	114	48	5.472	EC7DZZ
54	RA3YDA	2016	SSB	SO	ALL	LOW	NONE	110	110	49	5.390	
55	LY2OM	2016	SSB	SO	ALL	LOW	NONE	103	103	52	5.356	
56	OL3E	2016	SSB	SO	ALL	LOW	NONE	110	110	48	5.280	OK1JOC
57	RW3VA	2016	SSB	SO	ALL	LOW	NONE	97	97	50	4.850	RW3VA
58	IK2SAR	2016	SSB	SO	ALL	LOW	NONE	107	107	45	4.815	IK2SAR
59	ER3CT	2016	SSB	SO	ALL	LOW	NONE	106	106	44	4.664	ER3CT
60	IK4XQT	2016	SSB	SO	ALL	LOW	NONE	98	98	47	4.606	
61	IT9FUN	2016	SSB	SO	ALL	LOW	NONE	107	107	43	4.601	
62	IQ2DN	2016	SSB	SO	ALL	LOW	NONE	137	137	33	4.521	IZ2JQP
63	IS0NHT	2016	SSB	SO	ALL	LOW	NONE	96	96	46	4.416	
64	IZ2SMQ	2016	SSB	SO	ALL	LOW	NONE	100	100	44	4.400	
65	EI3CTB	2016	SSB	SO	ALL	LOW	NONE	102	102	43	4.386	
66	IZ6DWH	2016	SSB	SO	ALL	LOW	NONE	103	103	42	4.326	IZ6DWH
67	YO4SI	2016	SSB	SO	ALL	LOW	NONE	86	86	50	4.300	MIRCEA
68	PA2CVD	2016	SSB	SO	ALL	LOW	NONE	108	108	39	4.212	PA2CVD
69	EA5BAH	2016	SSB	SO	ALL	LOW	NONE	105	105	40	4.200	OH2BAH
70	OK2TS	2016	SSB	SO	ALL	LOW	NONE	107	107	39	4.173	OK2TS
71	PA5JD	2016	SSB	SO	ALL	LOW	NONE	92	92	45	4.140	PA5JD
72	SP9ZPS	2016	SSB	SO	ALL	LOW	NONE	95	95	43	4.085	SQ9CXC
73	UY0CA	2016	SSB	SO	ALL	LOW	NONE	120	120	34	4.080	
74	RN4SC	2016	SSB	SO	ALL	LOW	NONE	96	96	42	4.032	RN4SC
75	9A2EY	2016	SSB	SO	ALL	LOW	NONE	128	128	31	3.968	9A2EY
76	PA1P	2016	SSB	SO	ALL	LOW	NONE	94	94	42	3.948	PA1P
77	ON3ND	2016	SSB	SO	ALL	LOW	NONE	98	98	37	3.626	
78	E78T	2016	SSB	SO	ALL	LOW	NONE	84	84	42	3.528	E78T
79	UR5WFP	2016	SSB	SO	ALL	LOW	NONE	82	82	43	3.526	
80	DL9HB	2016	SSB	SO	ALL	LOW	NONE	99	99	34	3.366	
81	9A1CFR	2016	SSB	SO	ALL	LOW	NONE	98	98	34	3.332	9A2NO
82	F8KKH	2016	SSB	SO	ALL	LOW	NONE	103	103	32	3.296	
83	PA0EMO	2016	SSB	SO	ALL	LOW	NONE	71	71	46	3.266	
84	RA3DQP	2016	SSB	SO	ALL	LOW	NONE	79	79	41	3.239	
85	IW2FUT	2016	SSB	SO	ALL	LOW	NONE	102	102	31	3.162	IW2FUT
86	PD8DX	2016	SSB	SO	ALL	LOW	NONE	90	90	35	3.150	PD8DX
87	R2EL	2016	SSB	SO	ALL	LOW	NONE	73	73	43	3.139	R2EL
88	YO4BEX	2016	SSB	SO	ALL	LOW	NONE	98	98	32	3.136	
89	EA5IIK	2016	SSB	SO	ALL	LOW	NONE	74	74	41	3.034	
90	LZ2ZY	2016	SSB	SO	ALL	LOW	NONE	99	99	30	2.970	LZ2ZY
91	IZ2LQD	2016	SSB	SO	ALL	LOW	NONE	73	73	40	2.920	
92	US0HZ	2016	SSB	SO	ALL	LOW	NONE	100	100	29	2.900	US0HZ

## Single Operator All Band Low PWR

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
93	PC1Y	2016	SSB	SO	ALL	LOW	NONE	76	76	38	2.888	PC1Y
94	IZ4XAI	2016	SSB	SO	ALL	LOW	NONE	74	74	39	2.886	
95	IN3HUU	2016	SSB	SO	ALL	LOW	NONE	73	73	39	2.847	
96	EI3HDB	2016	SSB	SO	ALL	LOW	NONE	69	69	39	2.691	EI3HDB
97	S51AF	2016	SSB	SO	ALL	LOW	NONE	91	91	28	2.548	S51AF
98	IW1CHX	2016	SSB	SO	ALL	LOW	NONE	72	72	35	2.520	
99	OK1DXW	2016	SSB	SO	ALL	LOW	NONE	70	70	35	2.450	OK1DXW
100	MI0OBC	2016	SSB	SO	ALL	LOW	NONE	89	89	27	2.403	
101	OM8HG	2016	SSB	SO	ALL	LOW	NONE	85	85	28	2.380	OM8HG
102	9A1SZ/P	2016	SSB	SO	ALL	LOW	NONE	82	82	29	2.378	
103	F5MA	2016	SSB	SO	ALL	LOW	NONE	64	64	34	2.176	
104	IW2EVH	2016	SSB	SO	ALL	LOW	NONE	53	53	41	2.173	
105	PA3ATZ	2016	SSB	SO	ALL	LOW	NONE	59	59	35	2.065	
106	RA4L	2016	SSB	SO	ALL	LOW	NONE	76	76	27	2.052	RA4L
107	PA7SL	2016	SSB	SO	ALL	LOW	NONE	60	60	34	2.040	PA7SL
108	RU3XY	2016	SSB	SO	ALL	LOW	NONE	60	60	34	2.040	RU3XY
109	PA0HFM	2016	SSB	SO	ALL	LOW	NONE	55	55	37	2.035	PA0HFM
110	OK2BH	2016	SSB	SO	ALL	LOW	NONE	72	72	28	2.016	
111	DJ50MUC	2016	SSB	SO	ALL	LOW	NONE	60	60	32	1.920	KARL
112	SV1KYC	2016	SSB	SO	ALL	LOW	NONE	59	59	32	1.888	
113	YL2PP	2016	SSB	SO	ALL	LOW	NONE	55	55	33	1.815	
114	SP5DRE	2016	SSB	SO	ALL	LOW	NONE	58	58	31	1.798	SP5DRE
115	IZ5MMQ	2016	SSB	SO	ALL	LOW	NONE	55	55	32	1.760	
116	PD9Z	2016	SSB	SO	ALL	LOW	NONE	65	65	27	1.755	PD9Z
117	SV3RPQ	2016	SSB	SO	ALL	LOW	NONE	56	56	31	1.736	SV3RPQ
118	PA7AM	2016	SSB	SO	ALL	LOW	NONE	59	59	29	1.711	PA7AM
119	YO8RZJ	2016	SSB	SO	ALL	LOW	NONE	52	52	31	1.612	YO8RZJ
120	HG2UK	2016	SSB	SO	ALL	LOW	NONE	67	67	24	1.608	HG2UK
121	PA3DBS	2016	SSB	SO	ALL	LOW	NONE	64	64	25	1.600	PA3DBS
122	HB9AYZ	2016	SSB	SO	ALL	LOW	NONE	58	58	27	1.566	HB9AYZ
123	IK8NBE	2016	SSB	SO	ALL	LOW	NONE	49	49	31	1.519	IK8NBE
124	OE3OSB	2016	SSB	SO	ALL	LOW	NONE	72	72	21	1.512	OE3OSB
125	SP4AWE	2016	SSB	SO	ALL	LOW	NONE	57	57	26	1.482	
126	YO6FUG	2016	SSB	SO	ALL	LOW	NONE	56	56	26	1.456	YO6FUG
127	DK8HE	2016	SSB	SO	ALL	LOW	NONE	44	44	32	1.408	
128	M0DZB	2016	SSB	SO	ALL	LOW	NONE	70	70	20	1.400	M0DZB
129	DM5SB	2016	SSB	SO	ALL	LOW	NONE	58	58	24	1.392	DM5SB
130	SQ9PUW	2016	SSB	SO	ALL	LOW	NONE	48	48	29	1.392	SQ9PUW
131	SO7BIT	2016	SSB	SO	ALL	LOW	NONE	51	51	27	1.377	SO7BIT
132	OK1VHV	2016	SSB	SO	ALL	LOW	NONE	45	45	30	1.350	OK1VHV
133	DF6RI	2016	SSB	SO	ALL	LOW	NONE	55	55	24	1.320	
134	YO3AS	2016	SSB	SO	ALL	LOW	NONE	46	46	28	1.288	YO3AS
135	ES6RMR	2016	SSB	SO	ALL	LOW	NONE	41	41	31	1.271	ES6RMR
136	PC2L	2016	SSB	SO	ALL	LOW	NONE	39	39	31	1.209	PC2L
137	IZ0TWS	2016	SSB	SO	ALL	LOW	NONE	35	35	34	1.190	

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
138	DL2KX	2016	SSB	SO	ALL	LOW	NONE	42	42	28	1.176	
139	HB9FLX	2016	SSB	SO	ALL	LOW	NONE	44	44	26	1.144	HB9FLX
140	PA2CHM	2016	SSB	SO	ALL	LOW	NONE	47	47	24	1.128	PA2CHM
141	PD8B	2016	SSB	SO	ALL	LOW	NONE	47	47	24	1.128	PD8B
142	IU7GSN	2016	SSB	SO	ALL	LOW	NONE	41	41	27	1.107	
143	EA3DJL	2016	SSB	SO	ALL	LOW	NONE	39	39	28	1.092	
144	LZ3YV	2016	SSB	SO	ALL	LOW	NONE	39	39	25	975	TONY
145	OK2GU	2016	SSB	SO	ALL	LOW	NONE	39	39	25	975	
146	YO6KNZ	2016	SSB	SO	ALL	LOW	NONE	37	37	26	962	YO6KNZ
147	PA3CGJ	2016	SSB	SO	ALL	LOW	NONE	44	44	21	924	PA3CGJ
148	F8OOI	2016	SSB	SO	ALL	LOW	NONE	35	35	26	910	F8OOI
149	DL4EBA	2016	SSB	SO	ALL	LOW	NONE	45	45	19	855	DL4EBA
150	EW8G	2016	SSB	SO	ALL	LOW	NONE	37	37	23	851	
151	IV3IDP	2016	SSB	SO	ALL	LOW	NONE	36	36	22	792	
152	YU1ML	2016	SSB	SO	ALL	LOW	NONE	39	39	20	780	
153	DL3TVI	2016	SSB	SO	ALL	LOW	NONE	41	41	19	779	DL3TVI
154	PD5S	2016	SSB	SO	ALL	LOW	NONE	42	42	18	756	PD5S
155	SP9KJU	2016	SSB	SO	ALL	LOW	NONE	34	34	20	680	SP9MDY
156	RU5TT	2016	SSB	SO	ALL	LOW	NONE	32	32	21	672	UA3TW
157	IW0UWE	2016	SSB	SO	ALL	LOW	NONE	40	40	16	640	
158	DM1PL	2016	SSB	SO	ALL	LOW	NONE	30	30	21	630	DM1PL
159	F6FTB	2016	SSB	SO	ALL	LOW	NONE	34	34	18	612	F6FTB
160	DG8KAD	2016	SSB	SO	ALL	LOW	NONE	30	30	20	600	DG8KAD
161	DK4VF	2016	SSB	SO	ALL	LOW	NONE	29	29	19	551	
162	UR3QCW	2016	SSB	SO	ALL	LOW	NONE	29	29	19	551	UR3QCW
163	IU5CJP	2016	SSB	SO	ALL	LOW	NONE	26	26	21	546	MAX
164	ON8CM	2016	SSB	SO	ALL	LOW	NONE	27	27	20	540	ON8CM
165	PC3H	2016	SSB	SO	ALL	LOW	NONE	33	33	16	528	
166	PA8VK	2016	SSB	SO	ALL	LOW	NONE	25	25	21	525	PA8VK
167	YO4GPC	2016	SSB	SO	ALL	LOW	NONE	26	26	20	520	
168	PA0RSM	2016	SSB	SO	ALL	LOW	NONE	39	39	13	507	PA0RSM
169	SQ6IYV	2016	SSB	SO	ALL	LOW	NONE	24	24	21	504	SQ6IYV
170	9A5CAN	2016	SSB	SO	ALL	LOW	NONE	24	24	19	456	9A5CAN
171	UR3PGW	2016	SSB	SO	ALL	LOW	NONE	26	26	17	442	
172	OE7MPI	2016	SSB	SO	ALL	LOW	NONE	25	25	17	425	
173	SQ9ZAY	2016	SSB	SO	ALL	LOW	NONE	24	24	17	408	
174	EU1EU	2016	SSB	SO	ALL	LOW	NONE	26	26	14	364	
175	DF8HS	2016	SSB	SO	ALL	LOW	NONE	20	20	18	360	DF8HS
176	DL1LSW	2016	SSB	SO	ALL	LOW	NONE	22	22	16	352	STEFFEN
177	SV3NJ	2016	SSB	SO	ALL	LOW	NONE	19	19	18	342	
178	EU6AA	2016	SSB	SO	ALL	LOW	NONE	21	21	16	336	
179	RG1A	2016	SSB	SO	ALL	LOW	NONE	19	19	16	304	RG1A
180	EA5IMM	2016	SSB	SO	ALL	LOW	NONE	20	20	15	300	
181	G8NVX	2016	SSB	SO	ALL	LOW	NONE	20	20	15	300	G8NVX
182	CT2JBD	2016	SSB	SO	ALL	LOW	NONE	18	18	14	252	CT2JBD

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
183	PB4PT	2016	SSB	SO	ALL	LOW	NONE	24	24	10	240	PB4PT
184	CS7AKW	2016	SSB	SO	ALL	LOW	NONE	18	18	13	234	
185	SV5/DL3DRN	2016	SSB	SO	ALL	LOW	NONE	16	16	13	208	SV5/DL3DRN
186	SQ5SUL	2016	SSB	SO	ALL	LOW	NONE	20	20	10	200	
187	LZ1FJ	2016	SSB	SO	ALL	LOW	NONE	14	14	12	168	
188	SQ2RH	2016	SSB	SO	ALL	LOW	NONE	15	15	11	165	SQ2RH
189	DG2IAI	2016	SSB	SO	ALL	LOW	NONE	14	14	10	140	
190	DL1STV	2016	SSB	SO	ALL	LOW	NONE	12	12	11	132	DL1STV
191	PD7DX	2016	SSB	SO	ALL	LOW	NONE	13	13	9	117	PD7DX
192	DJ6DO	2016	SSB	SO	ALL	LOW	NONE	13	13	7	91	DJ6DO
193	EA5IMO	2016	SSB	SO	ALL	LOW	NONE	10	10	9	90	
194	HB9FZI	2016	SSB	SO	ALL	LOW	NONE	11	11	8	88	
195	LY2NZ	2016	SSB	SO	ALL	LOW	NONE	10	10	8	80	LY2NZ
196	YO9BXE	2016	SSB	SO	ALL	LOW	NONE	10	10	8	80	YO9BXE
197	HB9FHV	2016	SSB	SO	ALL	LOW	NONE	9	9	8	72	HB9FHV
198	EA3GJO	2016	SSB	SO	ALL	LOW	NONE	7	7	7	49	EA3GJO
199	LZ3TL	2016	SSB	SO	ALL	LOW	NONE	7	7	7	49	LZ3TL
200	DO9SR	2016	SSB	SO	ALL	LOW	NONE	6	6	4	24	DO9SR
201	HB9/DK6PB	2016	SSB	SO	ALL	LOW	NONE	2	2	2	4	
202	IZ8USQ	2016	SSB	SO	ALL	LOW	NONE	0	0	0	0	

**Single Operator All Band QRP PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	EU6DX	2016	SSB	SO	ALL	QRP	NONE	155	155	69	10.695	EU6DX
2	RW3AI	2016	SSB	SO	ALL	QRP	NONE	117	117	52	6.084	RW3AI
3	OK6OK	2016	SSB	SO	ALL	QRP	NONE	95	95	48	4.560	
4	R7FO	2016	SSB	SO	ALL	QRP	NONE	99	99	44	4.356	
5	UT5EOX	2016	SSB	SO	ALL	QRP	NONE	112	112	36	4.032	UT5EOX
6	IZ8JFL/1	2016	SSB	SO	ALL	QRP	NONE	69	69	41	2.829	
7	M6VPW	2016	SSB	SO	ALL	QRP	NONE	79	79	35	2.765	M6VPW
8	G4Q	2016	SSB	SO	ALL	QRP	NONE	67	67	38	2.546	G3PRI
9	PI4IPA	2016	SSB	SO	ALL	QRP	NONE	60	60	24	1.440	@PD0PMS
10	IK3XTY	2016	SSB	SO	ALL	QRP	NONE	60	60	22	1.320	IK3XTY
11	RZ3ARO/6	2016	SSB	SO	ALL	QRP	NONE	41	41	22	902	
12	HA5BA	2016	SSB	SO	ALL	QRP	NONE	39	39	20	780	
13	PA3DAT	2016	SSB	SO	ALL	QRP	NONE	49	49	15	735	PA3DAT
14	SQ8MFB	2016	SSB	SO	ALL	QRP	NONE	32	32	20	640	SQ8MFB
15	DL4DRK	2016	SSB	SO	ALL	QRP	NONE	34	34	15	510	DL4DRK
16	M6OCR	2016	SSB	SO	ALL	QRP	NONE	26	26	12	312	M6OCR
17	YO4AAC	2016	SSB	SO	ALL	QRP	NONE	18	18	10	180	YO4AAC
18	EC4AA	2016	SSB	SO	ALL	QRP	NONE	10	10	8	80	EC4AA
19	DO8YX	2016	SSB	SO	ALL	QRP	NONE	8	8	7	56	
20	IZ4HZA	2016	SSB	SO	ALL	QRP	NONE	6	6	6	36	
21	SV9/OH0XX/P	2016	SSB	SO	ALL	QRP	NONE	4	4	4	16	

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	HA4XH	2016	SSB	SA	ALL	HIGH	NONE	499	499	125	62.375	HA4XH
2	UA4S	2016	SSB	SA	ALL	HIGH	NONE	419	419	114	47.766	RU4SO
3	UA6YN	2016	SSB	SA	ALL	HIGH	NONE	399	399	119	47.481	UA6YN
4	S51CK	2016	SSB	SA	ALL	HIGH	NONE	407	407	103	41.921	
5	RN6A	2016	SSB	SA	ALL	HIGH	NONE	367	367	114	41.838	RN6A
6	SV1JG	2016	SSB	SA	ALL	HIGH	NONE	334	334	101	33.734	SV1JG
7	IQ4BQ	2016	SSB	SA	ALL	HIGH	NONE	273	273	96	26.208	IK4AUY
8	LZ5R	2016	SSB	SA	ALL	HIGH	NONE	226	226	88	19.888	LZ1UK
9	LY2MM	2016	SSB	SA	ALL	HIGH	NONE	237	237	83	19.671	LY2MM
10	DL1INKS	2016	SSB	SA	ALL	HIGH	NONE	221	221	80	17.680	DL1INKS
11	SQ8N	2016	SSB	SA	ALL	HIGH	NONE	248	248	67	16.616	
12	DL1FMK	2016	SSB	SA	ALL	HIGH	NONE	204	204	73	14.892	DL1FMK
13	DD8SM	2016	SSB	SA	ALL	HIGH	NONE	184	184	68	12.512	DD8SM
14	DJ5AN	2016	SSB	SA	ALL	HIGH	NONE	102	102	61	6.222	DJ5AN
15	LY3CY	2016	SSB	SA	ALL	HIGH	NONE	108	108	50	5.400	LY3CY
16	SP9LJD	2016	SSB	SA	ALL	HIGH	NONE	100	100	53	5.300	SP9LJD
17	DG9SEH	2016	SSB	SA	ALL	HIGH	NONE	129	129	35	4.515	DG9SEH
18	UX2QA	2016	SSB	SA	ALL	HIGH	NONE	104	104	43	4.472	UX2QA
19	PB7Z	2016	SSB	SA	ALL	HIGH	NONE	100	100	40	4.000	PB7Z
20	SP9PGE	2016	SSB	SA	ALL	HIGH	NONE	82	82	46	3.772	SP9RQH
21	UT4U	2016	SSB	SA	ALL	HIGH	NONE	83	83	40	3.320	UT5UJO
22	S52WW	2016	SSB	SA	ALL	HIGH	NONE	81	81	40	3.240	S52WW
23	LY5L	2016	SSB	SA	ALL	HIGH	NONE	63	63	40	2.520	
24	DG6SA	2016	SSB	SA	ALL	HIGH	NONE	99	99	25	2.475	DG6SA
25	SP3P	2016	SSB	SA	ALL	HIGH	NONE	66	66	36	2.376	SP3P
26	F5NBX	2016	SSB	SA	ALL	HIGH	NONE	60	60	38	2.280	
27	PE1BSI	2016	SSB	SA	ALL	HIGH	NONE	80	80	23	1.840	PE1BSI
28	SP1MVW	2016	SSB	SA	ALL	HIGH	NONE	54	54	34	1.836	SP1MVW
29	LZ7AA	2016	SSB	SA	ALL	HIGH	NONE	59	59	28	1.652	LZ7AA
30	RV3FF	2016	SSB	SA	ALL	HIGH	NONE	46	46	25	1.150	RV3FF
31	YU2A	2016	SSB	SA	ALL	HIGH	NONE	37	37	31	1.147	YU2A
32	RZ2D	2016	SSB	SA	ALL	HIGH	NONE	31	31	26	806	UA3BZ
33	F4CPF	2016	SSB	SA	ALL	HIGH	NONE	27	27	25	675	F4CPF
34	DG7NFX	2016	SSB	SA	ALL	HIGH	NONE	34	34	18	612	DG7NFX
35	IK2EGL	2016	SSB	SA	ALL	HIGH	NONE	32	32	19	608	IK2EGL
36	OE3IDE	2016	SSB	SA	ALL	HIGH	NONE	27	27	19	513	OE3IDE
37	HA7JQK	2016	SSB	SA	ALL	HIGH	NONE	21	21	16	336	
38	HA9PP	2016	SSB	SA	ALL	HIGH	NONE	21	21	14	294	HA9PP
39	DL1DTL	2016	SSB	SA	ALL	HIGH	NONE	20	20	10	200	
40	PD3EDA	2016	SSB	SA	ALL	HIGH	NONE	12	12	8	96	PD3EDA
41	EA4BMG	2016	SSB	SA	ALL	HIGH	NONE	7	7	7	49	EA4BMG

**Single Operator Assisted Low-Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	LY3BB	2016	SSB	SA	LOW-BAND	HIGH	NONE	230	230	66	15.180	LY3BB
2	OK1MSP	2016	SSB	SA	LOW-BAND	HIGH	NONE	147	147	54	7.938	OK1MSP
3	PA0MIR	2016	SSB	SA	LOW-BAND	HIGH	NONE	103	103	55	5.665	PA0MIR
4	SP2GOW	2016	SSB	SA	LOW-BAND	HIGH	NONE	99	99	48	4.752	SP2GOW
5	OL9R	2016	SSB	SA	LOW-BAND	HIGH	NONE	78	78	29	2.262	
6	EA3ELZ	2016	SSB	SA	LOW-BAND	HIGH	NONE	46	46	31	1.426	EA3ELZ
7	YL2HB	2016	SSB	SA	LOW-BAND	HIGH	NONE	46	46	29	1.334	
8	YU1IDX	2016	SSB	SA	LOW-BAND	HIGH	NONE	55	55	24	1.320	
9	SP5BUJ	2016	SSB	SA	LOW-BAND	HIGH	NONE	45	45	27	1.215	SP5BUJ
10	UT8LN	2016	SSB	SA	LOW-BAND	HIGH	NONE	28	28	17	476	UT8LN

**Single Operator Assisted All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YT2T	2016	SSB	SA	ALL	LOW	NONE	329	329	101	33.229	YT2T
2	UV7V	2016	SSB	SA	ALL	LOW	NONE	315	315	94	29.610	UX1VT
3	RW4WA	2016	SSB	SA	ALL	LOW	NONE	268	268	93	24.924	RW4WA
4	ON5RZ	2016	SSB	SA	ALL	LOW	NONE	260	260	82	21.320	ON5RZ
5	UT5RQ	2016	SSB	SA	ALL	LOW	NONE	241	241	87	20.967	
6	YO7DAA	2016	SSB	SA	ALL	LOW	NONE	254	254	78	19.812	YO7DAA
7	EC5NJ	2016	SSB	SA	ALL	LOW	NONE	232	232	80	18.560	EC5NJ
8	IZ8BRI	2016	SSB	SA	ALL	LOW	NONE	266	266	67	17.822	IZ8BRI
9	DL1MHJ	2016	SSB	SA	ALL	LOW	NONE	183	183	84	15.372	DL1MHJ
10	EA3HAB	2016	SSB	SA	ALL	LOW	NONE	202	202	75	15.150	
11	SO9C	2016	SSB	SA	ALL	LOW	NONE	191	191	79	15.089	SQ9CNN
12	S56A	2016	SSB	SA	ALL	LOW	NONE	199	199	73	14.527	S56A
13	S55X	2016	SSB	SA	ALL	LOW	NONE	220	220	65	14.300	S55X
14	IN3FHE	2016	SSB	SA	ALL	LOW	NONE	193	193	72	13.896	
15	LY5W	2016	SSB	SA	ALL	LOW	NONE	207	207	65	13.455	LY5W
16	PA3AAV	2016	SSB	SA	ALL	LOW	NONE	162	162	70	11.340	PA3AAV
17	IK5PWS	2016	SSB	SA	ALL	LOW	NONE	157	157	67	10.519	IK5PWS
18	9A6DJX	2016	SSB	SA	ALL	LOW	NONE	158	158	66	10.428	
19	OK1AY	2016	SSB	SA	ALL	LOW	NONE	158	158	66	10.428	OK1AY
20	US5QUB	2016	SSB	SA	ALL	LOW	NONE	156	156	66	10.296	US5QUB
21	DL2SWR	2016	SSB	SA	ALL	LOW	NONE	150	150	67	10.050	
22	UX4CR	2016	SSB	SA	ALL	LOW	NONE	172	172	55	9.460	
23	EA5IJG	2016	SSB	SA	ALL	LOW	NONE	162	162	54	8.748	EA5IJG
24	PE1EWR	2016	SSB	SA	ALL	LOW	NONE	148	148	58	8.584	PE1EWR
25	PE2AE	2016	SSB	SA	ALL	LOW	NONE	136	136	56	7.616	PE2AE
26	YO6LA	2016	SSB	SA	ALL	LOW	NONE	132	132	51	6.732	YO6LA
27	DB8AH	2016	SSB	SA	ALL	LOW	NONE	123	123	54	6.642	DB8AH
28	IK6QON	2016	SSB	SA	ALL	LOW	NONE	115	115	49	5.635	IK6QON
29	YO3APJ	2016	SSB	SA	ALL	LOW	NONE	98	98	57	5.586	YO3APJ
30	9H1AE	2016	SSB	SA	ALL	LOW	NONE	129	129	43	5.547	9H1AE
31	G9Y	2016	SSB	SA	ALL	LOW	NONE	123	123	37	4.551	M0NCG

**Single Operator Assisted All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
32	YT2AAA	2016	SSB	SA	ALL	LOW	NONE	88	88	38	3.344	YT2AAA
33	IZ8GNR	2016	SSB	SA	ALL	LOW	NONE	98	98	34	3.332	
34	S57PKT	2016	SSB	SA	ALL	LOW	NONE	106	106	28	2.968	S57PKT
35	US5AT	2016	SSB	SA	ALL	LOW	NONE	94	94	30	2.820	
36	HF1D	2016	SSB	SA	ALL	LOW	NONE	72	72	33	2.376	HF1D
37	YO4FZX	2016	SSB	SA	ALL	LOW	NONE	72	72	27	1.944	
38	HA5PP	2016	SSB	SA	ALL	LOW	NONE	66	66	29	1.914	HA5PP
39	DD8IL	2016	SSB	SA	ALL	LOW	NONE	58	58	30	1.740	
40	ES1BH	2016	SSB	SA	ALL	LOW	NONE	58	58	30	1.740	ES1BH
41	DK5WN	2016	SSB	SA	ALL	LOW	NONE	62	62	25	1.550	DK5WN
42	PD9X	2016	SSB	SA	ALL	LOW	NONE	49	49	30	1.470	PD9X
43	SQ9S	2016	SSB	SA	ALL	LOW	NONE	43	43	27	1.161	SQ9S
44	RM3TO	2016	SSB	SA	ALL	LOW	NONE	42	42	26	1.092	RM3TO
45	S57S	2016	SSB	SA	ALL	LOW	NONE	40	40	23	920	S57S
46	PD1B	2016	SSB	SA	ALL	LOW	NONE	49	49	17	833	PD1B
47	9A2EU	2016	SSB	SA	ALL	LOW	NONE	29	29	24	696	9A2EU
48	PA3GEO	2016	SSB	SA	ALL	LOW	NONE	35	35	16	560	PA3GEO
49	ON1TO	2016	SSB	SA	ALL	LOW	NONE	27	27	17	459	ON1TO
50	IU4AZC	2016	SSB	SA	ALL	LOW	NONE	24	24	17	408	
51	PF9A	2016	SSB	SA	ALL	LOW	NONE	24	24	17	408	PF9A
52	OM6ADN	2016	SSB	SA	ALL	LOW	NONE	18	18	14	252	
53	F4GFT	2016	SSB	SA	ALL	LOW	NONE	18	18	13	234	F4GFT
54	DL4LT	2016	SSB	SA	ALL	LOW	NONE	15	15	9	135	DL4LT
55	DF4JM	2016	SSB	SA	ALL	LOW	NONE	11	11	10	110	DF4JM
56	IT9GSH	2016	SSB	SA	ALL	LOW	NONE	11	11	10	110	
57	OE3TPB/M	2016	SSB	SA	ALL	LOW	NONE	11	11	6	66	@OE3TPB
58	DL7XJ	2016	SSB	SA	ALL	LOW	NONE	6	6	4	24	DL7XJ
59	EW6F	2016	SSB	SA	ALL	LOW	NONE	3	3	2	6	EW6F
60	PA1DI	2016	SSB	SA	ALL	LOW	NONE	0	0	0	0	PA1DI

**Single Operator Assisted All Band QRP PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	RT4W	2016	SSB	SA	ALL	QRP	NONE	147	147	56	8.232	
2	IK4OMU	2016	SSB	SA	ALL	QRP	NONE	142	142	46	6.532	IK4OMU
3	UT3EK	2016	SSB	SA	ALL	QRP	NONE	103	103	56	5.768	UT3EK
4	YO9AGI	2016	SSB	SA	ALL	QRP	NONE	99	99	49	4.851	YO9AGI
5	MI1M	2016	SSB	SA	ALL	QRP	NONE	63	63	33	2.079	MI0LLG
6	DJ1YFK	2016	SSB	SA	ALL	QRP	NONE	29	29	16	464	DJ1YFK
7	OE3TPB/P	2016	SSB	SA	ALL	QRP	NONE	5	5	5	25	@OE3TPB

**Multi Operator Single Transmitter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	IT9YVO	2016	SSB	MUL-ONE	ALL	HIGH	NONE	478	478	130	62.140	IT9SSI-IT9UFP-IT9YVO
2	HG6V	2016	SSB	MUL-ONE	ALL	HIGH	NONE	367	367	103	37.801	HA6IHA HA6FQ HA7JTR HA5PA HA1AC HA6IAM HA6HV
3	UT7E	2016	SSB	MUL-ONE	ALL	HIGH	NONE	324	324	103	33.372	UT9EZ UT4EO UR3EZ UR5EAW
4	MS0FNR	2016	SSB	MUL-ONE	ALL	HIGH	NONE	183	183	70	12.810	MS0FNR
5	OE1XA	2016	SSB	MUL-ONE	ALL	HIGH	NONE	104	104	43	4.472	OE1SVK OE1LZS OE1RHC
6	UT4UWJ	2016	SSB	MUL-ONE	ALL	HIGH	NONE	92	92	41	3.772	UT4UMZ UT3UCL UR5UGM UT3UCB UT3UCA UT3UGC UT4UTF
7	HB9EP	2016	SSB	MUL-ONE	ALL	HIGH	NONE	95	95	39	3.705	
8	UR4RWW	2016	SSB	MUL-ONE	ALL	HIGH	NONE	109	109	33	3.597	UR5RU UR5RAB US-R-86
9	UR4PWC	2016	SSB	MUL-ONE	ALL	HIGH	NONE	67	67	42	2.814	ZINCHUK ANASTASIYA TYMOSHCHUK DMYTRO.

**Checklogs:** DG7DBR, E72U, ES6PA, HB3YKU, HB9EYP, LY1CT, LY5O, LY9A, PH9E, SP3JDZ, SP3RNZ, SP9RQH, UT3UCP, YL2QN, YO3IPR

**Disqualified:** HA3MY

**NORTH AMERICA****Single Operator All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	K3ZO	2016	SSB	SO	ALL	HIGH	NONE	177	281	72	20.232	
2	K8MFO	2016	SSB	SO	ALL	HIGH	NONE	88	90	42	3.780	K8MFO
3	N9RV	2016	SSB	SO	ALL	HIGH	NONE	32	52	23	1.196	N9RV
4	VE3FJ	2016	SSB	SO	ALL	HIGH	NONE	45	45	24	1.080	VE3FJ
5	KA8Q	2016	SSB	SO	ALL	HIGH	NONE	34	34	22	748	KA8Q
6	K6NA	2016	SSB	SO	ALL	HIGH	NONE	14	42	8	336	K6NA
7	W1GXZ	2016	SSB	SO	ALL	HIGH	NONE	18	18	15	270	W1GXZ
8	K4BAI	2016	SSB	SO	ALL	HIGH	NONE	5	5	4	20	K4BAI

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	K7SV	2016	SSB	SO	ALL	LOW	NONE	71	87	43	3.741	K7SV
2	VE3IAE	2016	SSB	SO	ALL	LOW	NONE	34	34	19	646	VE3IAE
3	CO6LE	2016	SSB	SO	ALL	LOW	NONE	30	30	16	480	CO6LE
4	N1WRK	2016	SSB	SO	ALL	LOW	NONE	22	22	17	374	
5	AC2QH	2016	SSB	SO	ALL	LOW	NONE	3	3	3	9	AC2QH @AC2QH
6	K4RPD	2016	SSB	SO	ALL	LOW	NONE	2	2	2	4	BOB
7	AE6YB	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	AE6YB
8	WZ6ZZ	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	WZ6ZZ

**Single Operator All Band QRP PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	K8ZT	2016	SSB	SO	ALL	QRP	NONE	11	11	11	121	K8ZT
2	K3TW	2016	SSB	SO	ALL	QRP	NONE	6	6	5	30	K3TW
3	AB3WS	2016	SSB	SO	ALL	QRP	NONE	2	2	2	4	AB3WS

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	VO1MP	2016	SSB	SA	ALL	HIGH	NONE	97	143	53	7.579	VO1MP
2	NV9L	2016	SSB	SA	ALL	HIGH	NONE	54	54	25	1.350	NV9L
3	K3IE	2016	SSB	SA	ALL	HIGH	NONE	33	41	22	902	K3IE
4	VA2QR	2016	SSB	SA	ALL	HIGH	NONE	32	32	20	640	VA2QR
5	N6WS	2016	SSB	SA	ALL	HIGH	NONE	13	13	12	156	N6WS
6	VE2GT	2016	SSB	SA	ALL	HIGH	NONE	12	12	10	120	VE2GT
7	N3QE	2016	SSB	SA	ALL	HIGH	NONE	9	9	8	72	N3QE
8	KC2THY	2016	SSB	SA	ALL	HIGH	NONE	2	2	2	4	KC2THY

**Single Operator Assisted All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	VA2CZ	2016	SSB	SA	ALL	LOW	NONE	48	48	26	1.248	VA2CZ
2	VE3NR	2016	SSB	SA	ALL	LOW	NONE	23	23	15	345	VE3NR
3	KM4SII	2016	SSB	SA	ALL	LOW	NONE	14	14	12	168	KM4SII
4	KK4WPR	2016	SSB	SA	ALL	LOW	NONE	3	3	3	9	KK4WPR

Checklogs: AB2TC, N4UEZ, N5ZO, VE3WPV

# OCEANIA

**Single Operator All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YB5BOY	2016	SSB	SO	ALL	HIGH	NONE	57	57	33	1.881	YB5BOY

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	VK4LAT	2016	SSB	SO	ALL	LOW	NONE	17	17	14	238	VK4LAT
2	YB1HDR	2016	SSB	SO	ALL	LOW	NONE	15	15	12	180	YB1HDR
3	DUIAVC	2016	SSB	SO	ALL	LOW	NONE	15	15	10	150	DUIAVC
4	DU9WTZ	2016	SSB	SO	ALL	LOW	NONE	2	2	2	4	DU9WTZ

**Single Operator All Band QRP PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YB8TK	2016	SSB	SO	ALL	QRP	NONE	16	16	12	192	YB8TK

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	VK3GK	2016	SSB	SA	ALL	HIGH	NONE	91	97	41	3.977	VK3GK
2	VK4QH	2016	SSB	SA	ALL	HIGH	NONE	82	96	39	3.744	VK4QH
3	VK2OXZ	2016	SSB	SA	ALL	HIGH	NONE	53	53	28	1.484	VK2OXZ
4	YB0MWM	2016	SSB	SA	ALL	HIGH	NONE	29	29	17	493	YB0MWM
5	VK5ZZ	2016	SSB	SA	ALL	HIGH	NONE	15	15	11	165	VK5ZZ

**Single Operator Assisted All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YB3HJM	2016	SSB	SA	ALL	LOW	NONE	26	26	15	390	YB3HJM
2	YC1GI	2016	SSB	SA	ALL	LOW	NONE	13	13	10	130	YC1GI

**Multi Operator Single Transmitter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	YB3ZBD	2016	SSB	MUL-ONE	ALL	HIGH	NONE	5	15	4	60	YF3CYU YG3CYS YG3CYT YG3CNU YG3CRB YG3DOC YG3DNY

Checklogs 9M6XRO, DU7HF

# SOUTH AMERICA

**Single Operator All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	PY2ZXU	2016	SSB	SO	ALL	HIGH	NONE	250	386	93	35.898	PY2ZXU/SM0CXU
2	PY9GC	2016	SSB	SO	ALL	HIGH	NONE	58	68	31	2.108	PY9GC
3	LU8DY	2016	SSB	SO	ALL	HIGH	NONE	9	9	6	54	
4	RI1AND	2016	SSB	SO	ALL	HIGH	NONE	4	12	3	36	RW1AI

**Single Operator All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	PU1WTM	2016	SSB	SO	ALL	LOW	NONE	1	1	1	1	PU1WTM

**Single Operator Assisted All Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	PJ4DX	2016	SSB	SA	ALL	HIGH	NONE	173	233	72	16.776	PJ4DX
2	PY5AB	2016	SSB	SA	ALL	HIGH	NONE	23	23	16	368	PY5AB

**Single Operator Assisted Low-Band High PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	PY5DC	2016	SSB	SA	LOW-BAND	HIGH	NONE	10	30	8	240	PY5DC

**Single Operator Assisted All Band Low PWR**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	PY1SX	2016	SSB	SA	ALL	LOW	NONE	96	112	45	5.040	PY1SX
2	PY5FO	2016	SSB	SA	ALL	LOW	NONE	44	48	26	1.248	PY5FO
3	PT7ZT	2016	SSB	SA	ALL	LOW	NONE	24	24	15	360	PT7ZT
4	PY2KC	2016	SSB	SA	ALL	LOW	NONE	12	20	8	160	PY2KC
5	PR8MET	2016	SSB	SA	ALL	LOW	NONE	5	5	5	25	PR8MET

**Multi Operator Single Transmitter**

#	CALL	YEAR	MODE	CLASS	BAND	PWR	OVERLAY	QSO	POINTS	MULT.	SCORE	OPERATORS
1	CE2LS	2016	SSB	MUL-ONE	ALL	HIGH	NONE	53	75	30	2.250	CE2RTF CE2SQE

Checklogs: PY3BEG

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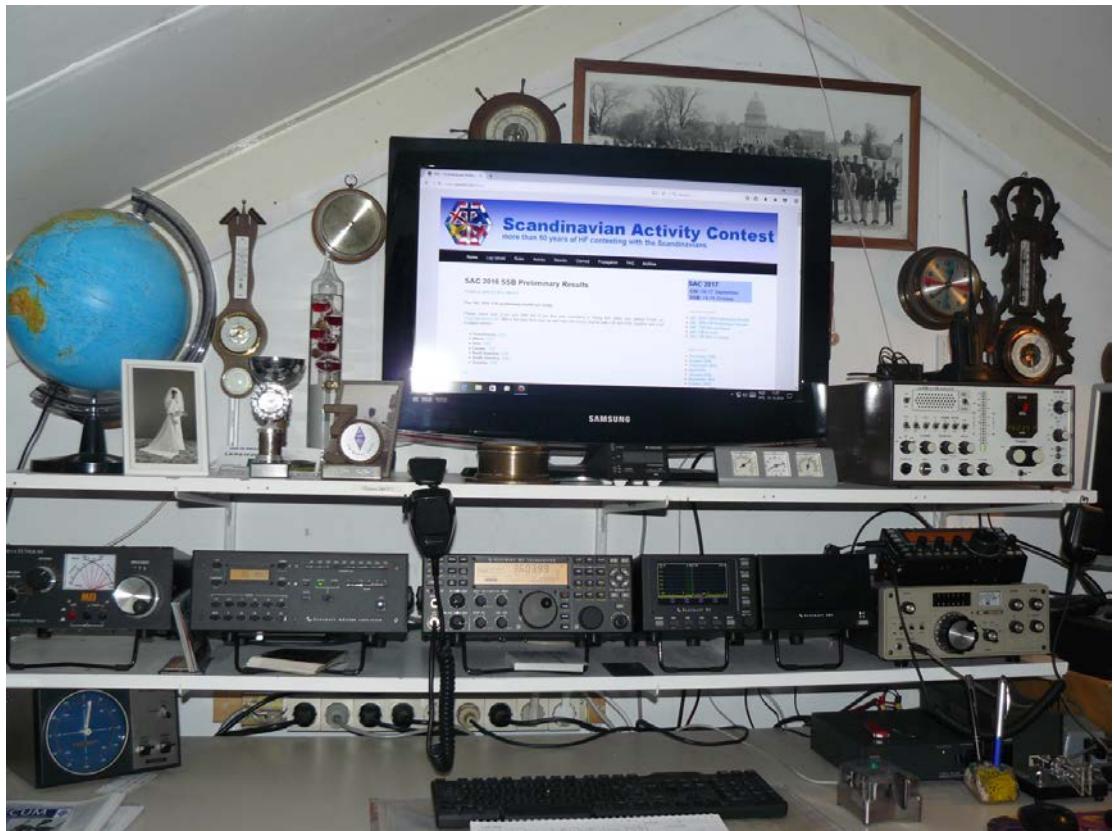
**PA2CHM**

Hi,

Hereby a picture of my shack.

From left to right MFJ tuner, Elecraft K3 line, KX3 and Ten Tec Century 22. The right set above is a homemade PA0SSB transceiver for HF. Normally I use the Elecraft K3 but for QRP I operate with the Electraft KX3 and TenTec Century 22

In the SAC SSB and CW I used the Kr without the KP500. My Antennas are Fritzel 2 elements for 10, 15 and 20 meters and an End Fed for the other bands.



## 9W2VRD

Hi SAC Contest.

I Ashrie 9W2VRD of **West Malaysia**.

I am a small amateur radio station.

With Radio homebrew from YB Land.

I am very excited to experience the contest.

Hopefully see you all contestor again in the SAC Contest 2017

73 de 9W2VRD



**9W2VRD**  
**ASRIZAL MAT TAJUDIN (ASHRIE)**

The background of the entire poster features a photograph of the Aurora Borealis (Northern Lights) in a dark, star-filled sky. Below the aurora, a silhouette of a person stands in a snowy, open landscape, possibly a tundra or coastal area, with hills visible in the distance.

<https://twitter.com/SACContestTeam>

<https://www.facebook.com/ScandinavianActivityContest>

<http://www.sactest.net>

# SCANDINAVIAN ACTIVITY CONTEST 2017

**CW: 16-17 SEPTEMBER  
12:00 - 11:59 UTC**

**SSB: 14-15 OCTOBER  
12:00 - 11:59 UTC**