

# Alpe-Adria VHF Contest 2022, Official Results

## 145 MHz - fixed and portable stations (at licensed address) / licensed PWR

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
1	S59DEM	JN75DS	484	173711	EA6SX	JM19IK	1180	17	3.13%	FT-1000MP+Javornik 144/14	1500	2x17, 2x10, 3x8, 2x4x5,4x4	1268
2	S50C	JN76JG	443	153380	EA6VQ	JM19MP	1205	12	2.93%	Ts590	1500	4x18, 6x5, 2x15, 2x15, 2x8, 1x20	1500
3	9A0BB	JN85EI	377	141221	IT9ZMX	JM68ND	846	14	3.54%	ts590s+ME2h	1000	3x 8x7el. LFA	406
4	S59P	JN75FO	408	138940	EA6SX	JM19IK	1181	23	5.71%	TS-590+Javornik	1500	2x2M5WL+2M5WL+EF021 1+4xEF0206+9el DG7YBN+9el DG7YBN	1796
5	E7AA	JN83SO	297	134170	DK3WG	JO72GI	999	4	1.02%	IC-9700	1000	4x11 2x11	2228
6	9A1P	JN65VG	367	124237	EA6SX	JM19IK	1117	19	5.98%	TS590sg + Javornik	1500	4x7+4x7+4x7+4x7	351
7	OK7O	JN69OU	306	106061	YT5W	KN04OO	840	7	2.75%	IC7400	2000	138el. DK7ZB	510
8	OM3W	JN99CH	297	101895	IZ1AZA	JN34XF	963	7	3.82%	TS590SG+TRVR HM	750	2x6x7,3x7,2x10el.	20
9	IK3UNA/1	JN45CD	248	90963	YU1LA	KN04FR	965	2	0.64%	Ts590sg-trsv	500	17B2-4x5 el	350
10	OM5AW	JN98AH	257	89535	IK3UNA/1	JN45CD	828	5	2.32%	TS890/Javornik	700	100el	240
11	HG1Z	JN86KU	262	85498	LZ6R	KN33GN	841	16	7.74%	FTdx5000MP-DB6NT- ATF-51389	1000	4xcorner reflector 2x2 DJ9BV 4WL	330
12	HA2R	JN87UE	259	84843	DL2OM/P	JO30MJ	858	12	5.29%		800	2x17 el.	640
13	E7DX	JN84GK	221	82583	DK4VW	JO40IT	920	36	15.75%	FTDX10 Javornik	500	3x9 3x9 2x17 2x9	1962
14	IQ0PG	JN63JF	234	81535	SP9KDA	JO90PP	961	16	8.26%	IC7610 + TRV KUNE	500	2 x 16JXX2 + 1 x 16JXX2	1370
15	HA6W	KN08FB	197	78687	EA1P	IN70OU	2147	13	7.25%	FTdx3000 + CONTERTER	800	Yagi groups	954
16	IS0BSR	JN40PQ	155	76152	EA5RCZ	IM87RF	1092	7	5.15%		500	2x7 EL. DK7ZB	1020
17	S57O	JN86DT	242	75826	F6KFH	JN39OC	723	8	4.27%	TS 590 SG + Javornik I	1500	320 el	307
18	OK1TEH	JO70FD	215	74987	I4CVC/7	JN71SU	926	8	2.65%	FT847 + LNA MGF1302 0,3dB NF	750	10el DK7ZB, 16el OK1RI	320
19	OK1KDO	JN69JJ	237	71361	EA1SA	IN83EI	1424	10	5.53%		2300	72 el.	1042
20	OE5D	JN68PC	221	70569	TM5R	JN19BQ	835	3	0.70%	FT-2000+TV	800	4x 6 Ele. Yagi	700
21	IQ0HV	JN63KC	209	68891	SP6YG	JO90CK	911	5	2.10%		500	11 EL	0

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22	OE6V	JN76VT	230	67865	LZ2T	KN13OD	712	10	3.95%	K3+DB6NT Transverter	1000	1x 2x9 el yagi 4x big wheel	386
23	I4VOS	JN54PF	216	64863	LZ2T	KN13OD	965	7	4.45%	ICOM IC 9100	500	3x8	800
24	YU1LA	KN04FR	143	62861	IK3UNA/1	JN45CD	965	4	3.37%	TS 990s +Kuhne TR144H	700	17 el yagi	138
25	S50L	JN75ES	216	62556	YO5OHB	KN17LQ	688	5	2.46%	TS-590SG+JAVORNIK II	1200	17 el F9FT+ M2-5WL	1114
26	S56P	JN76PO	212	61291	LZ2T	KN13OD	733	2	1.16%	YAESU FT-1000MP MARKV+TRV.	500	9el. F9FT	0
27	YT5W	KN04OO	141	60664	OK7O	JN69OU	840	1	0.61%	ts2000	100	11 el by UA9TC	168
28	OE1W	JN77TX	210	57369	PA4VHF	JO32JE	785	7	4.07%	K3, Kuhne	1000	1x13, 1xBigWheel	1313
29	IZ1DGG	JN44FF	169	57296	IT9BDM	JM77ME	960	15	8.17%	KENWOOD TS 790	500	4X 3. 2x17. 2X6: 1X20	290
30	LZ2T	KN13OD	131	56473	I4VOS	JN54PF	965	4	5.21%	ME2HT- PRO3+ICOM7300	800	2x17el DJ7UD	1700
31	IT9ZMX	JM68ND	84	54944	EA5RCZ	IM87RF	1381	4	6.08%		500	2 x 8 JXX	50
32	DK050BN	JN39VV	173	54828	OM3W	JN99CH	753	4	2.40%	K3 + TR144	750	2x18El. MÄÄ¼E, 9 El.LFA	300
33	OK1KQH	JN79GO	211	54733	ON4KHG	JO10XO	763	7	3.80%	IC-9700	1500	166 el	580
34	DK7AM	JN59SR	174	53153	E7AA	JN83SO	821	5	3.65%	K3	600	2x11	640
35	DJ7GS	JN47KW	149	48916	HA6W	KN08FB	862	2	2.07%	IC-9700	700	2 x 11 el. LFA	890
36	9A1E	JN85QT	153	48399	LZ6R	KN33GN	767	2	0.84%	FT991	400	2x11 LFA	221
37	OE2M	JN67NT	141	47491	TM5R	JN19BQ	833	3	1.39%	TS-590 + Trv	400	2x8 Element DK7ZB	1270
38	IK4GNG	JN64FB	129	47438	OK1NPF	JO70SQ	773	12	7.53%	ic 9700	500	10 el dk7zb	25
39	OE1ILW/P	JN77XX	181	47017	LZ2T	KN13OD	779	14	8.30%	K3+TRV144	400	17ele	1037
40	S57Q	JN76PA	183	46969	I1XYX	JN33UT	646	9	5.08%	FT1000MP+JavornikII	800	2x13 YU7EF	560
41	S50W	JN76WK	178	46530	LZ8A	KN22HS	804	7	4.62%	FT847	700	17EL	358
42	OK2DTF	JN89NE	141	46435	IZ7UMS	JN81GD	896	6	3.53%	IC-9700	1000	Dualband 10+20el. OK5IM	525
43	9A3RU	JN85LI	140	43233	IK1YEZ	JN35UL	722	6	3.27%	ft225rd	500	5wl lfa	108
44	S57GM	JN76CC	169	42785	Z31EF	KN02RE	724	6	3.96%	TS850,LT2S	500	11 EL.DL6WU	1020
45	SP6YG	JO90CK	126	42783	IQ0HV	JN63KC	911	7	4.21%	IC275H	250	10el.DK7ZB	207
46	OE3FKS/P	JN78JM	170	42019	YT5W	KN04OO	656	7	5.81%		400	9EL+BW	1040
47	IK1YEZ	JN35UL	130	39864	E73O	JN95CA	823	3	2.10%		300	8 el JXX	1400
48	S50G	JN76JC	140	39096	F6DCD/P	JN38RQ	622	19	12.05%	Javornik+TS590	1000	2x4x6el+2x11el+4x8el	830
49	IQ3CO	JN55QO	152	38684	IT9DJF	JM68IE	833	5	4.16%		200	Yagi 9 x 2 elementi	427
50	IQ3XL	JN56UO	129	38332	F5AOL	JN18EI	728	15	8.94%	yaesu FT1200 + Transverter	500	2 x 15 EL Yagi	2500

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51	9A1I	JN85FS	138	38081	IZ1AZA	JN34XF	690	6	4.52%	IC-9700	300	DL7KM	134
52	OE5NNN	JN78EB	144	37983	DH8KV	JO31JA	638	5	3.14%	K3 ,TRV Kuhne	400	13 ele	358
53	IK3GHR	JN55RQ	152	36853	HA6W	KN08FB	733	5	2.84%	IC7300+XVTR	100	17 el yagi hm	100
54	HG6N	JN98VD	97	35041	IZ7UMS	JN81GD	820	1	0.87%	TS790	800	2x12 ele yagi	759
55	IK3SSG	JN55XH	130	34743	IT9DJF	JM68IE	795	7	7.02%	KENWOOD TS-590SG+TVTR	500	16JXX2	20
56	I4CVC/7	JN71SU	83	34449	OK1TEH	JO70FD	926	9	9.12%		400	20 el Shark	390
57	OK1OPT	JN69NX	140	33328	YU5PD	KN04CD	842	3	4.23%		500	10.el.Y	700
58	IT9DJF	JM68IE	56	32940	EB5EA	IM99TN	1142	4	4.92%	IC-275 + LNA	500	2X12 EL LONG YAGI	100
59	S53XX	JN76CF	128	32677	IC8TEM	JN70CN	631	0	0.00%		100	13el.	0
60	IK2HKT	JN45VS	116	32215	IT9ZMX	JM68ND	892	3	1.81%	TS2000	500	16 elem. yagi	1400
61	S58W	JN65XM	146	31043	IS0BSR	JN40PQ	658	4	3.53%	IC275H	100	16 el yagi	1028
62	OK2BMJ	JN89VC	106	30769	IQ0PG	JN63JF	758	2	2.90%	IC7400	100	7el. Yagi OK5IM	505
63	9A1AAY	JN85PJ	120	30641	IK3UNA/1	JN45CD	712	2	1.78%	TS2000	100	4x7 LFA	985
64	I3QJZ	JN55UI	115	29376	SP6YG	JO90CK	744	11	11.33%		400	12 el hm	50
65	HA5OO	JN97OM	88	29197	IZ7UMS	JN81GD	740	6	7.58%	IC-821H	800	13 el. DJ9BV	130
66	IK8BIZ	JN70EU	66	27149	OE6V	JN76VT	673	2	3.87%		500	12jxx	80
67	IOYLI	JN61HU	77	27010	EA5NY	IM99SN	1131	3	2.98%	IC 910H	300	13 ELEM HM	100
68	LZ6R	KN33GN	67	26644	S59P	JN75FO	983	3	6.74%	IC9700	400	2x16el. IOJXX	370
69	IC8TEM	JN70CN	64	26329	OE/HA5DDX	JN77WM	786	4	7.77%	k3 db6nt	500	10elm dj9bv-opt	56
70	E70ARA	JN83PX	79	25219	DH1NAX	JO50TI	828	5	6.83%		80	11 el LFA	1760
71	IT9XTP	JM68MB	46	24897	EA5RCZ	IM87RF	1374	1	1.55%		100	8 el yagi	0
72	I5MZY/4	JN64DJ	62	24589	YO2GL	KN05OS	717	8	10.99%	IC7300+trsv ME2Tpro	500	13el i5mzy	0
73	9A3QB	JN95HN	75	24338	IK2AQZ	JN44SV	715	3	3.85%	FT-897	120	2x16 el	90
74	OK2KRT	JN99BK	102	24310	DK050BN	JN39VV	745	8	11.72%	K3+ME2T-Pro2	300	2x8el.DK7ZB	590
75	IZ0MJE	JN61FU	63	23470	EA5NY	IM99SN	1118	2	3.85%	Yaesu ft736	500	11 el lfa yagi	100
76	YU5PD	KN04CD	57	21417	OK1OPT	JN69NX	842	6	12.53%	ICOM IC 7400	100	17 el. F9FT	848
77	IK4AUY	JN54MI	85	21047	YU1LA	KN04FR	748	1	0.12%	IC-9100	200	8 EL Cubical Quad	680
78	9A0P	JN64WU	82	21041	EA6VQ	JM19MP	1062	7	10.20%	TS-2000	500	6el	100
79	IZ8DSX	JN71HA	59	20959	LZ2T	KN13OD	747	2	3.82%		500	10 elem HM	272
80	IZ1FKS	JN45HB	63	20906	OM5AW	JN98AH	804	6	10.96%		250	1xLFA 11 el	200
81	OE5JSL	JN68OD	66	19817	TM5R	JN19BQ	828	3	2.26%	ICOM IC-910	100	13 El. Yagi	590
82	OK2DGB	JN79RL	91	19760	IQ0PG	JN63JF	725	1	1.74%	IC-9700	100	7 el. Yagi	700
83	OE2UKL/8	JN76LT	78	19699	DL0HAL	JO51UI	558	2	1.05%	IC-9700	100	4 Ele. Yagi	1600

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84	LZ1ZP	KN22ID	52	19689	IQ5NN	JN63GN	1004	2	7.35%	TS2000	250	10el YU7EF	120
85	IQ3JX	JN66OF	95	19580	I4CVC/7	JN71SU	521	6	7.10%	ic9700	300	yagi shark 22	670
86	OM6TX	JN99JK	73	19381	E7AA	JN83SO	656	0	0.00%	IC-746PRO	100	17elY	636
87	DK4VWV	JO40IT	34	19127	E7DX	JN84GK	920	0	0.00%	TS890 + Transv LT2S	750	2x 12 ele yagi	344
88	9A70FAB	JN85JL	74	18754	OK1NPF	JO70SQ	587	10	15.19%	TS 2000	100	15 el. DL6WU	219
89	I4ABG	JN54WV	80	18129	OM3W	JN99CH	686	4	3.64%	IC-9700	100	8JXX2	0
90	OE5RBO	JN68OB	59	17864	PA5AB	JO22SA	702	3	3.91%		400	4x7Ele. M2	498
91	HA2ML	JN97CO	66	17692	LZ2T	KN13OD	631	9	13.54%	ft100d	150	11el dk7zb	0
92	LZ8A	KN22HS	56	16734	OM3W	JN99CH	880	2	1.77%	IC7900	100	8 el. Yagi	1610
93	S53JPQ	JN75RX	87	16717	IZ1DGG	JN44FF	583	12	16.71%	IC910H	400	17 el. F9FT	400
94	IK7JNM	JN80XO	33	16624	F5SGT/P	IN88KD	1866	0	0.00%	ic 9700	500	12jxx2	18
95	9A1VZD	JN86BH	67	16584	IK3UNA/1	JN45CD	628	4	7.11%		100	2x8elLFA	300
96	IK2PTR/4	JN45QA	42	15480	YU1LA	KN04FR	874	2	8.16%	ft857	200	14el DK7ZB	0
97	YO5OHB	KN17LQ	38	15317	S59DEM	JN75DS	694	1	2.54%		400	F9FT 17 EL	150
98	Z31EF	KN02RE	36	15255	OM3GI	KN09HB	768	3	9.54%	ICOM IC9700	100	6el YU7EF	1635
99	I2AT	JN45QN	52	14546	I4CVC/7	JN71SU	645	2	3.70%	Icom IC 7400	90	Yagi 10 elem. HM	171
100	OM3YFT	JN99IF	61	14491	IQ5NN	JN63GN	788	1	3.58%	FT102 + TRV	300	Quadlong	360
101	OM5KM	JN98BG	41	14318	LZ2T	KN13OD	693	1	2.47%	IC 9700	90	GW4CQT	145
102	IH9YMC	JM56XT	29	14288	IQ6AV	JN63GN	753	1	9.79%	yaesu ft991a	100	3 el	40
103	IK3XTT	JN55LK	70	14229	IZ7UMS	JN81GD	657	1	1.95%	Icom 275	70	17 Elementi	60
104	YO9AYN	KN24SW	43	14005	S59P	JN75FO	870	1	1.14%	IC-706mk2g	400	F9FT	240
105	OE4EIE	JN87CE	54	13979	IK1YEZ	JN35UL	680	7	12.34%	IC9700	100	11el + LNA	350
106	OE4WHG	JN87DC	54	13826	IZ1DGG	JN44FF	688	2	6.68%	TS-2000X	400	8 el DK7ZB	337
107	IT9JGX	JM67LX	26	13670	EA5RCZ	IM87RF	1367	0	0.00%		80	6 el yagi home made	300
108	IK0OFF/6	JN62TW	47	13504	OM5AW	JN98AH	690	2	2.76%	ic9700	100	10 el hm	400
109	I1FY	JN45CN	43	13383	IT9DJF	JM68IE	901	5	7.51%	YAESU FT 991	500	7 ELEMENTI DK7ZB COSTRUZIONE IZ1GDZ	258
110	LZ2AB	KN33NG	49	13316	HG6Z	JN97WV	763	1	4.08%	Icom IC9700	100	2X17el KLM	400
111	9A7B	JN83HG	47	13313	IK2CIO	JN45TO	614	7	16.50%	IC 910H	100	YAGI 2x9el DK7ZB	800
112	IN3AHO	JN56MJ	59	13186	IT9DJF	JM68IE	923	0	0.00%	FT991A	300	14el hm	733
113	9A5ISS	JN95KG	41	13067	DH1NAX	JO50TI	783	1	3.11%	Yaesu FT-221R	90	10 el. BVO	82
114	S50J	JN65VO	56	12924	OM3W	JN99CH	530	1	1.38%	TS2000X	100	Y 12EL	150
115	IV3GAP	JN66OA	57	12379	IS0BSR	JN40PQ	673	8	11.92%	transverter javornik	300	2x19 lly	100
116	IZ4ORF/4	JN54CP	57	12212	IT9DJF	JM68IE	748	3	5.82%	ic9700	95	9 ele yagi	450

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117	OK1FOX	JO70ED	52	12194	E7AA	JN83SO	767	5	12.86%	FT847	100	PA0MS	250
118	IW1CKM	JN44HV	44	11949	E7AA	JN83SO	725	6	10.68%	IC 910h	120	10 elementi	12
119	LZ2JA	KN22UX	41	11474	S51ZO	JN86DR	851	2	8.29%	IC-9700	100	12 el Yagi	242
120	9A2C	JN95IN	30	11169	IK3UNA/1	JN45CD	822	3	7.91%	FT 225RD	500	17 ele TONNA	90
121	IK4RAS	JN54SJ	57	11153	OM5AW	JN98AH	662	3	9.49%		100	direttiva 9 elementi	173
122	IU0OPT	JN52VN	35	11129	IH9YMC	JM56XT	640	5	8.21%		100	PA144-432-19-3-2CB	525
123	I3JUK	JN55WI	59	10853	OK2DTF	JN89NE	582	1	2.85%		100	6 el	12
124	LZ1JH	KN12PQ	33	10198	S51ZO	JN86DR	713	3	13.14%	IC-910h + Preamp	500	8el lz1oa	600
125	IOXNH	JN62BJ	31	10120	IK1YEZ	JN35UL	493	1	2.03%		200	13 El.	380
126	OE5FPL	JN68PG	38	9994	IQ0HV	JN63KC	576	3	3.60%	IC-9700	300	13 Element Yagi	370
127	IV3EXL	JN65VO	48	9656	OK7O	JN69OU	475	0	0.00%		200	8jxx2	10
128	IK1YED	JN44GI	28	9573	IT9JGX	JM67LX	800	3	12.10%		100	13 elementi	144
129	I5FDL	JN53HP	31	8270	IT9DJF	JM68IE	632	1	2.05%	TS2000	100	15 elementi	10
130	OM6CV	JN99LD	29	8150	E7AA	JN83SO	626	3	12.55%		100	9el ECO	500
131	IN3XWE	JN56MB	41	8117	OK1KQH	JN79GO	473	1	2.81%	IC-746	100	8 el. yagi JXX	1450
132	OK1IPS	JO60VR	42	7966	DF7KF	JO30FK	519	0	0.00%		2200	245el.	865
133	DL3IAS	JN49EJ	27	7614	OK2DTF	JN89NE	635	3	13.97%	K3s / TR144H+40	150	7 Element FLEXA	121
134	IU5CZG	JN53FJ	26	7347	IT9ZMX	JM68ND	626	2	4.71%	ICOM IC 271H	100	BIBANDA 7+14 Elem	150
135	IK5CZI	JN53DN	24	7327	IT9ZMX	JM68ND	648	6	17.11%	Icom ic 9700	100	9 elementi	30
136	LZ2QA	KN43EK	25	7092	9A8D	JN95LM	782	0	0.00%	IC9700	100	12 EL.	135
137	LZ2FN	KN33AT	25	6851	9A0BB	JN85EI	785	1	6.07%	FT726R	100	Yagi10el	0
138	I1HHH	JN35WL	19	6518	IT9DJF	JM68IE	904	0	0.00%	IC9700	500	20 el IARET	300
139	IQ2DN	JN45TM	44	6360	E7AA	JN83SO	663	6	27.25%	YAESU FT-991A	500	12 elementi yagi	125
140	I3MTM	JN55PP	39	6027	IS0BSR	JN40PQ	575	0	0.00%	YAESU FT225	200	20 El. Yagi SHARK	230
141	9A4PB	JN75DI	33	5879	YT5W	KN04OO	551	3	11.82%	yaesu 991	500	yagi 9el	316
142	OE6END	JN77PC	30	5700	IQ0PG	JN63JF	474	0	0.00%	Kenwood TR-751E	100	12 ELE X Quad	380
143	IS0YFG	JM49TQ	14	5567	IK7UXU	JN81HE	616	0	0.00%		500	17 el	0
144	9A9D	JN85KV	35	5449	IQ0HV	JN63KC	444	2	7.72%	TS2000	100	TONNA 9 EL	130
145	IV3/HB9CAT	JN65UQ	24	5226	HB9HLM	JN36KW	543	1	7.47%	IC-9700	500	2x5 LFA	30
146	IZ2ABI	JN45OM	16	5066	E7DX	JN84GK	590	1	1.73%		200	14 el dl6wu	100
147	OE3NHW	JN88CH	20	5037	F6DCD/P	JN38RQ	646	5	19.38%	IC-9700	250	9 el Yagi	230
148	IU3EDK	JN66CD	32	4970	IZ1DGG	JN44FF	363	0	0.00%	ICOM IC-271H	100	JXX 8el	400
149	IQ3VI	JN55SM	37	4769	F6DCD/P	JN38RQ	469	1	0.48%	TS-2000	100	10 EL. YAGI	50
150	IW5AXW	JN53FU	23	4691	S59P	JN75FO	372	2	13.55%	KENWOOD 790 E	60	2x11 ELEMENTI YAGI	45

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
151	IW3GGU	JN65BM	29	4500	DK7AM	JN59SR	471	1	1.75%		100	12el by i0jxx	10
152	IN3PDI	JN56KB	25	4331	IQ0PG	JN63JF	350	0	0.00%		100	TONNA 9E	700
153	S52IT	JN76AA	31	4264	9A0V	JN95PE	419	2	9.47%	IC9700	100	8 elm Yagi	300
154	9A5IG	JN75DH	23	4140	YT5W	KN04OO	550	7	31.38%	Icom ic 275h	100	12 el lfa	100
155	LZ1S	KN12OQ	22	3626	E7AA	JN83SO	471	2	22.02%	IC-9700	500	11 el.Yagi	0
156	IU0QME	JN61FU	19	3567	E7AA	JN83SO	459	0	0.00%		100	HENTENNA HOME MADE 144 MHZ	80
157	IK4OLQ	JN54PL	25	3469	IK1YEZ	JN35UL	303	1	6.14%	ICOM IC 9700	100	DIAMOND X 7000 VERTICALE	75
158	OK1TRW	JO70HC	21	3388	HA2R	JN87UE	396	1	3.03%	TS-2000 Kenwood	100	Yagi 11 el.	285
159	IZ3OHR	JN55MO	22	3298	IZ1AZA	JN34XF	287	1	4.21%	W23	100	VERTICALE	1100
160	IK2YSJ	JN45MM	17	3228	S50C	JN76JG	453	2	5.83%		100	9 FT9	135
161	S57RT	JN66WB	21	3218	E7AA	JN83SO	398	12	34.46%	IC910	100	8 elm Yagi	1072
162	IZ4UFB	JN54WO	17	3177	IT9DJF	JM68IE	717	3	17.65%	IC-910	100	Yagi 10 el.	4
163	IZ5YBK	JN53NU	13	3165	S50C	JN76JG	394	0	0.00%	IC 9700	100	YAGI 8	52
164	OE9MON	JN47VM	7	2902	TM5R	JN19BQ	613	1	5.78%	Yaesu FT-847	180	8 el Doppelquad	400
165	OE3TFA	JN78UQ	16	2580	SP9KDA	JO90PP	338	1	11.70%	Icom IC-9700	100	Cushcraft 13el	430
166	IK1VCI	JN44DT	11	2568	HA2R	JN87UE	774	0	0.00%	Icom 275E	400	4 x 6 HM	300
167	S59DBC	JN86CQ	19	2463	OK2DTF	JN89NE	287	2	4.98%	TS-2000	100	5 el yagi	20
168	9A2HX	JN83HI	11	2260	S50C	JN76JG	356	1	7.72%	ft897	200	tv1011	20
169	IK8IOZ	JN71DB	13	2191	IS0BSR	JN40PQ	423	0	0.00%	ICOM IC-9700	100	Cushcraft 19 el	46
170	IQ8GZ	JN71IN	11	2041	S50C	JN76JG	524	2	19.68%	ICOM IC 9700	300	8 Elementi	700
171	DK3WH	JO61NA	7	1937	HA2R	JN87UE	542	4	33.89%	IC-9700	70	5 el. Yagi	150
172	IW4ECF	JN54WG	13	1512	S59P	JN75FO	252	1	15.44%	TS-2000	80	direttiva 9 elementi	36
173	S55HH	JN86BO	12	1064	E73JHI	JN84LX	192	0	0.00%	TS 2000X	100	X5000	210
174	IK2AUK	JN45IU	8	959	IZ1AZA	JN34XF	191	0	0.00%		100	6el yagi	261

#### 145 MHz - CW stations regardless the location / licensed PWR

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
1	IQ5NN	JN63GN	193	100554	LZ1ZP	KN22ID	1004	5	1.87%	TS590+TRV	500	2X16,3X9,2X16,3X8	0
2	9A0V	JN95PE	168	68195	IZ1AZA	JN34XF	902	2	1.32%	FT-225RD	800	2 x 16 el.DL6WU	187
3	S51ZO	JN86DR	181	59847	LZ2JA	KN22UX	851	5	2.61%	TS-590SG+Javornik NF 0.8db	1200	4x13el,4x6el,12el YO7EF	20

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
4	9A1N	JN85LI	141	49907	F6KFH	JN39OC	846	3	2.25%	TS-590 + TRANSVERTER	1000	4x11 el. yagi	217
5	9A1W	JN75ST	134	42957	LZ6R	KN33GN	905	2	1.73%	IC-7300 + XVRT	1300	2 x 10 el DK7ZB	804
6	YO5LD	KN05NR	99	41520	OK7O	JN69OU	748	3	4.36%	ft991-a	200	11el	0
7	IK4ZHH	JN64AF	89	37461	HA6W	KN08FB	776	2	1.31%		500	9m2	34
8	HG6Z	JN97WV	96	34414	I4GAD	JN54NL	773	5	5.14%	TS-570D+conv.	800	11el. EF0211B	834
9	YO2NAA	KN05NS	78	31923	DK1FG	JN59OP	858	5	6.27%	FT-991A	300	11EL DK7ZB	80
10	HG1A	JN86MM	108	31457	LZ1ZP	KN22ID	780	8	6.73%	FT-857D	1000	9+10 el YAGI	300
11	9A6D	JN85AO	104	29894	LZ2T	KN13OD	632	2	2.67%	IC-7300, TRSV KUHNE	1000	12el YAGI	222
12	OK1FIG	JO80DH	101	29421	IQ5NN	JN63GN	803	6	9.48%		400	13el, 7el	575
13	E70AA	JN93CQ	69	27585	OK7O	JN69OU	784	3	3.89%	Yaesu FT-991A	50	6-element Yagi	2050
14	E7CW	JN84TG	84	26681	OK1OA	JO70MO	731	6	8.03%	IC706	200	7 EL YAGI	1933
15	YO2GL	KN05OS	59	23288	I4GAD	JN54NL	804	6	11.57%	FT991A+AMP	200	10 EL.YAGI	95
16	OK6TW	JN89JM	85	22830	IQ5NN	JN63GN	738	0	0.00%		700	17el.	700
17	S57LM	JN76HD	86	20286	IK8BIZ	JN70EU	589	4	7.42%	FT847	100	F9FT 17 el.	313
18	9A1PKC	JN85OK	44	10141	OK7O	JN69OU	576	7	17.23%	ICOM 7100	100	2x12 9A6DDA	220
19	I4CIV	JN63FX	21	9062	OK1FIG	JO80DH	762	6	22.07%	FT736R	500	10 elem HM	330
20	OK2MPB	JN88TU	41	8221	E70AA	JN93CQ	577	0	0.00%	FT-818	5	kolinear H-dipol	708
21	YO5AVN	KN17WW	18	6995	E7AA	JN83SO	688	1	8.68%		50	F9FT	0
22	E74SL	JN94AQ	31	6994	OM3W	JN99CH	515	3	4.87%	FT897	50	8 el. Yagi	180
23	9A3TU	JN95EH	16	3882	IK4ZHH	JN64AF	515	0	0.00%	TS 2000 X	100	15 el DJ9BV	105
24	IU4NYV	JN54TH	7	2151	OM3RM	JN88QA	605	2	26.08%		100	QUagi 9	135
25	IZ3KMY	JN55NI	13	2113	S59P	JN75FO	262	1	5.80%	Yaesu FT 897/D	20	GP Collineare	35
26	OK2CLL	JN89HL	12	2108	IQ5NN	JN63GN	729	3	13.07%	FT 817	5	OK1KRC	459
27	E77D	JN94BR	5	818	OM5AW	JN98AH	399	2	42.92%	TS 590SG+-trans 11w	11	11el	219

#### 145 MHz - fixed and portable stations /max. PWR : 50W OUTPUT

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
1	IU4FNO	JN63EU	208	66037	LZ2T	KN13OD	877	9	6.33%	ICOM IC 910H	50	11 el F9FT	1100
2	OE/HA5DDX	JN77WM	229	64370	IK7JNM	JN80XO	787	4	1.65%	FT-991	50	2x13el. SP7GXP	1743
3	IZ1AZA	JN34XF	168	61528	IT9BDM	JM77NE	989	4	2.18%		50	10el home made	1400
4	IZ3NOC/4	JN54SF	182	57388	LZ2T	KN13OD	946	6	4.18%	Icom 9700	50	10 el DK7ZB	700
5	9A8D	JN95LM	136	53387	IZ1AZA	JN34XF	878	4	2.40%	FT-225RD	50	2x16el LFA	178

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
6	S53DKR	JN66XE	189	46773	IS0BSR	JN40PQ	719	6	4.29%	TS-590SG + ME2HT	40	17 el. F9FT	1630
7	IK2AQZ	JN44SV	171	43934	YU1LA	KN04FR	861	5	2.95%		50	YAGI 17 EL.	500
8	E73JHI	JN84LX	144	43607	SP9KDA	JO90PP	654	10	7.81%		50	Yagi 13el	0
9	9A6A	JN83GE	113	40231	IK1YEZ	JN35UL	747	3	3.68%		50	2 x 8 el Yagi DK7ZB	406
10	IQ3RP	JN66EA	174	37771	IZ8DSX	JN71HA	585	15	11.72%	icom 9700	50	2 x 8 EL YAGI	1500
11	OM3CQF	JN88RT	158	37694	IQ5NN	JN63GN	696	13	12.09%	BMT-226	10	F9FT 16el.	622
12	IZ7UMS	JN81GD	81	37371	OM3W	JN99CH	918	2	3.28%	ft897d	50	12JXX	190
13	9A3NI	JN65WG	153	35809	EA6VQ	JM19MP	1086	9	7.01%	IC-910H	50	2x7 DK7ZB	420
14	IQ6AV	JN63GN	131	34188	IH9YMC	JM56XT	753	6	6.47%	yaesu ft-897	50	14 elementi	300
15	OK2KPD	JO80OB	131	33800	IQ5NN	JN63GN	805	3	1.85%	IC9700	10	9el Y	1490
16	OK1KCR	JN79VS	112	33530	IQ0PG	JN63JF	763	2	2.84%	R2CW	10	2M18XXX	668
17	OK1NPF	JO70SQ	135	33266	IQ0PG	JN63JF	856	0	0.00%	IC-746	10	7el. DK7ZB	830
18	S53O	JN86AT	125	31750	IC8TEM	JN70CN	711	7	8.59%	TS590SG+LT2S	25	2X16 EL DL6VU	10
19	IW3AJN/3	JN55TU	147	28352	IT9ZMX	JM68ND	867	3	4.46%	IC 910 H	50	9 ELEMENTI	1300
20	OK1RDO	JN69KL	102	28169	E7AA	JN83SO	745	8	9.49%	IC 9700	50	4 X M2 9EL	550
21	OK1DIX	JO60JJ	80	27884	E7AA	JN83SO	837	8	12.78%	K3S + TRV DB6NT	10	10 el. DK7ZB	1040
22	OK6RA	JO60TP	116	27853	E7AA	JN83SO	837	6	7.81%	IC-706	10	2 x 7el DK7ZB	950
23	OK2KJI	JN79TI	105	27315	PA4VHF	JO32JE	696	1	1.77%	IC9100	10	2x9el DK7ZB	660
24	OL1B	JO80IB	103	26379	LZ2T	KN13OD	915	4	4.41%	TS-790E	30	F9FT	995
25	HA1WD	JN87IF	92	25973	IK3UNA/1	JN45CD	694	1	0.96%	FT-100D	50	7el DK7ZB	210
26	IS0BRQ	JM48EX	41	24280	EC1T	IN81NX	1008	1	1.89%		40	Quagi 8 el. HM	174
27	OK2PPK	JN89GH	99	23923	IQ0PG	JN63JF	736	2	2.42%	FT991A	10	5el.DK7ZB	562
28	9A2KI	JN95BF	77	23211	LZ2AB	KN33NG	749	3	4.20%	ICOM IC-706MKIIG	50	4x9el Yagi-Uda ELRAD repaired	180
29	OK2KYJ	JN89QQ	87	22608	IQ5NN	JN63GN	775	2	4.34%	ic9700	10	2x11el.LFA	600
30	IK1YNZ	JN33UT	53	22286	E7AA	JN83SO	791	5	9.00%	IC 9700	50	17 EL CUSHCRAFT	100
31	OK5Y	JN79FV	75	21253	YT5W	KN04OO	778	1	3.40%	FT736R	10	F9FT	450
32	OK1JFP	JO60XS	75	20697	IQ0PG	JN63JF	844	2	0.81%	TS-790E	10	13 el. DL6WU	690
33	OK2KLF	JN89SO	97	20660	DJ7GS	JN47KW	662	6	14.27%	FT851	10	8 element yagi	655
34	OK1KJO	JO60OK	92	20379	E7AA	JN83SO	828	3	4.38%	IC-746PRO	10	13el. F9FT	875
35	IK2PCU/1	JN33XU	43	20111	IK8YFU	JM88AJ	909	3	6.90%	FT991A	50	12 ELEMENTI	180
36	OK1KAD	JO60LJ	97	19132	E7DX	JN84GK	716	5	9.34%		10	DK7ZB-11el	1244
37	OE5DIN	JN78BL	75	18163	DF7KF	JO30FK	596	0	0.00%		30	13 El. Yagi	820
38	DK7CM/P	JO40QL	66	17761	HA2R	JN87UE	711	4	7.03%	TS850S + LT2S	15	2x9ele, 4x4x4ele	550

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
39	I3FGX	JN55VI	65	17272	HA6W	KN08FB	726	3	3.84%	Transverter + TS590S	30	11 el yagi	14
40	OK1KTW	JN89IW	89	17239	IZ3NOC/4	JN54SF	746	4	4.89%	K3S+DB6NT	10	4x3wl yagi	714
41	OE3MDB	JN88JB	67	17172	DK050BN	JN39VV	688	3	6.99%	FT-991A	30	11-El	150
42	YO2BLX	KN06SM	46	17101	IQ5NN	JN63GN	780	1	0.51%	ft897	50	10 el DK7ZB	0
43	OK1FQK	JN78CO	67	17064	E7AA	JN83SO	613	3	5.70%	FT-290RII	10	GW4CQT	948
44	S51WC	JN75OT	79	16779	SP9KDA	JO90PP	617	2	3.65%	FT100D	25	17 el F9FT	250
45	OK2L	JN99BN	82	16633	IQ5NN	JN63GN	792	1	1.86%		10	2x8el.DK7ZB	606
46	OK1OA	JO70MO	56	16560	IQ5NN	JN63GN	806	2	2.46%	FT991A	50	6 el YU7EF	410
47	OK2AF	JN89AR	39	16546	IQ0PG	JN63JF	765	2	7.00%	FT-847	50	7 el. DK7ZB	735
48	OK2KZO	JN88AU	69	16028	IQ5NN	JN63GN	647	5	4.62%	R2CW	10	2x 10 el.DK7ZB	368
49	OM0AAO	JN88ST	68	16020	E7AA	JN83SO	580	0	0.00%		10	4x5el + 8el.DK7ZB	0
50	9A8DV	JN83BK	49	15176	IK1YEZ	JN35UL	706	2	4.32%	yaesu ft 897	50	FRACARRO FR 11	20
51	IK0BRY	JN62BI	46	14856	IT9CLX	JM77MG	618	0	0.00%		50	5 el	350
52	OM5CM	JN98DF	56	14353	IQ5NN	JN63GN	684	2	1.62%	IC-9700	10	17el.F9FT	165
53	OK1IM	JN79AR	67	14244	IQ5NN	JN63GN	696	3	3.93%	IC 706 MKIIG	40	10 el yagi OK1DE	479
54	OK1RCA	JN69OE	79	13836	SP9KDA	JO90PP	465	2	0.83%	ic705	10	6el dk7zb	1235
55	OK1VOF	JO80HC	67	13629	E70ARA	JN83PX	683	2	5.68%	FT-817	5	6 el Y	674
56	IK4ZIF	JN44TS	50	13569	OM3RM	JN88QA	696	5	10.22%		40	5 elementi	750
57	9A7KFF	JN75OC	58	13354	SP6YG	JO90CK	634	4	10.64%	FT857	50	10el.yagi	433
58	9A5G	JN75FI	65	13274	F6DCD/P	JN38RQ	647	3	4.28%	ICOM 9700	50	9 el yagi	150
59	HA8AT	KN06MH	37	12928	IQ5NN	JN63GN	736	4	7.95%		50	10 elem DJ9BV	97
60	OK1DMP	JN79HW	64	12878	IQ5NN	JN63GN	727	2	2.84%	FT-817	5	11 el. Yagi	460
61	OK1AIN	JN79JR	77	12640	E7AA	JN83SO	713	3	4.37%	FT817	5	17 el. M2	539
62	SQ9V	JO90EB	53	12551	E73JHI	JN84LX	576	2	4.96%	Icom IC-7000	50	10 el DK7ZB	280
63	S52ZD	JN75TV	66	12520	YO2BLX	KN06SM	461	6	9.23%	IC-821	45	17 EL. YAGI	0
64	IU5NHB	JN53HP	52	12393	IT9ZMX	JM68ND	647	0	0.00%		50	8 el	15
65	S59DR	JN76DF	56	12288	IZ7UMS	JN81GD	594	6	14.32%	FT-991A	50	7 EL YAGI	350
66	IZ0CBD	JN61LQ	38	12176	IK1YEZ	JN35UL	597	5	10.01%	YAESU 857	50	YAGI 6 el. HM	990
67	9A3JN	JN85EL	42	12157	IK1YEZ	JN35UL	676	2	4.99%		25	11el yagi	0
68	HA2MI	JN86LH	50	12008	SP9KDA	JO90PP	512	5	10.18%	FT100	50	8el Quagi	186
69	IK0CHU	JN62BK	46	11974	S50C	JN76JG	477	0	0.00%		50	M2 18 El.	450
70	IZ3GNG	JN55WM	54	11930	IS0BSR	JN40PQ	577	0	0.00%		50	YAGI 5 EL. H.M.	28
71	IY6GM	JN63SO	50	11509	DL6SAQ/P	JN58AO	618	4	12.21%	TS2000	50	10 elem	50
72	OK2PIM	JN89VI	67	11437	9A0BB	JN85EI	458	1	0.44%		5	7 el yagi	751

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
73	OK1KWV	JN79EJ	47	11429	IQ5NN	JN63GN	664	4	6.50%	IC706MKIIG	10	2x10 el DK7ZB	503
74	OK1DEP	JO70OP	47	11376	IQ5NN	JN63GN	813	6	11.42%	TS590S + transvertor,	10	10 EL DK7ZB	630
75	IZ3GME	JN55WI	52	11368	9A0V	JN95PE	581	4	9.10%		50	Yagi 5 el	0
76	SN9A	JO90OI	39	11267	E7DX	JN84GK	688	3	7.53%	FT847	50	YAGI16EL	0
77	OK1DXD	JN79IX	48	11215	IQ5NN	JN63GN	733	7	21.09%	home made SDR	10		500
78	IW4EBS/ID9	JM78JN	22	11088	S50C	JN76JG	858	5	19.40%		40	5 Elem. YU1	150
79	IK4LFI	JN54FL	57	11083	IT9DJF	JM68IE	725	0	0.00%		50	11el. f9ft	700
80	OK1LN	JN79AI	48	10897	IQ0PG	JN63JF	688	2	4.27%	KX3	3	duo10/20y	510
81	9A2MW	JN75VW	58	10843	IK3UNA/1	JN45CD	597	2	7.81%	IC-705 + PA 50W	50	11 el.yagi	260
82	OK1KKL	JO70PO	74	10803	YO5LD	KN05NR	694	6	8.96%	IC705	10	yagi 7.ele	744
83	IK6LMB	JN63PI	41	10649	OM5AW	JN98AH	663	2	6.66%	ICOM IC7100	50	2X7 YAGI	280
84	IV3EAD	JN65OW	53	10477	IS0BSR	JN40PQ	665	2	2.81%		40	9 el Tonna	35
85	9A4OP	JN75UR	59	10436	OM3W	JN99CH	441	1	0.19%	FT-847	50	4x Oblong	360
86	OM1HI	JN88LE	45	10119	IQ5NN	JN63GN	618	3	5.62%	IC705	10	3el. Yagi	0
87	OK3TV	JO70AB	75	10089	IQ0PG	JN63JF	766	5	10.16%		6	5el LOGPER	0
88	YU1MS	KN04ET	28	9929	I4VOS	JN54PF	723	5	17.75%		40	Yagi 7el.	0
89	9A6KX	JN65XE	47	9851	YT5W	KN04OO	575	7	12.19%	TS590s/xvert	50	16el Yagi	440
90	HG5P	JN97NL	33	9750	LZ6R	KN33GN	724	8	19.40%	FT-991A	50	9e f9ft	154
91	IV3CWI	JN66OC	44	9622	OM3W	JN99CH	517	2	4.35%	ic706MK2G	40	17 el yagi	130
92	SP9EYX	JO90DE	31	9394	E73JHI	JN84LX	588	2	5.06%	Home made	50	10el Yagi	180
93	9A6AR	JN64VV	42	9266	OK1TEH	JO70FD	586	1	1.90%	ic746	40	Yagi 6 El	26
94	YO5DAS	KN17DO	24	9199	OK7O	JN69OU	712	1	4.35%		50	DK7ZB	137
95	LZ1KSW	KN31CS	34	8863	HA6W	KN08FB	833	0	0.00%	FT-847	50	8EL.YAGI	68
96	IUOCNI	JN61DR	28	8858	EB5EA	IM99TN	1095	0	0.00%		50	11 elementi	25
97	EB3AKL	JN01UN	32	8653	9H1BT	JM75EU	1268	0	0.00%	KENWOOD TR-751	25	CUBICAL 8 EL.	700
98	9A4QV	JN75BA	43	8397	YU1LA	KN04FR	501	0	0.00%	IC-705	10	2 el.yagi	525
99	OK1KDN	JO70OP	46	8368	9A0V	JN95PE	679	0	0.00%	IC-705	10	4 el. DK7ZB	562
100	S53V	JN76UH	56	8338	OK2KPD	JO80OB	432	6	11.91%	FT 897D	25	11 el ECO Yagi	492
101	YU1WM	KN03QF	22	7547	OM5AW	JN98AH	622	2	7.33%	ft991	50	4x6el	350
102	OE5KAP	JN67VW	26	7321	IQ5NN	JN63GN	497	4	10.85%	ICOM IC-706	30	10 Element	508
103	9A/OM5CC	JN74LM	26	7126	IS0BSR	JN40PQ	630	0	0.00%		50	YU7EF	10
104	IZ2ODM	JN45OQ	34	7112	HA2R	JN87UE	673	2	2.51%		50	9el yagi	200
105	OK6Y	JN89NH	39	7091	9A0V	JN95PE	487	2	7.39%		10	10el. YAGI	251
106	OK7DA	JO70DA	55	6895	9A1I	JN85FS	500	4	5.66%	IC-705	10	Y10el.	397

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
107	I3GKK/3	JN56XF	38	6812	IK0RWW/6	JN72BD	486	4	7.50%	FT 736 R	20	6 EL QUAD	1262
108	DL1RWO/P	JO60SR	27	6777	9A0BB	JN85EI	634	2	8.21%	IC706	12	2 x 5El./8 El. Duoband DK7ZB	600
109	9A5ST	JN83FM	26	6746	HG6N	JN98VD	576	3	11.12%	TS2000	50	10 el.DL6WU	0
110	E77OA	JN84RD	29	6683	IQ5NN	JN63GN	400	2	4.58%		20	:LFA 9el , 11el YU7EF	800
111	OK2TKE	JN89KE	40	6628	E73JHI	JN84LX	469	2	6.87%	ft - 857	10	5 el. Yagi	361
112	HB9FBK	JN45LX	38	6621	EA6VQ	JM19MP	854	4	15.34%	FT-991A	50	yagi dl6wu 6el. vhf - homemade	1280
113	IK2RLN	JN45UR	36	6530	ISOBSR	JN40PQ	562	2	4.21%	IC 7000	10	yagi 20 elementi	320
114	YO5ER	KN27FH	15	6468	S50C	JN76JG	745	3	19.55%	FT991	50	YU7EF	500
115	OK2PBR	JN89SS	31	6439	IQ5NN	JN63GN	789	7	20.11%		2,5	Yagi 15 elem	750
116	LZ7NW	KN12TM	28	6432	9A0BB	JN85EI	661	1	1.38%	ICOM 7000	50	1x12el	1040
117	IW2NNZ	JN45SN	24	6391	E7AA	JN83SO	670	1	7.67%		50	Yagi 8 elem LFA EAntenas	114
118	S53TA	JN76QG	41	6320	IK3UNA/1	JN45CD	571	0	0.00%	FT 818 ND	6	YAGI 7 ELEMENT	450
119	IK8YFU	JM88AJ	11	6312	EA5RCZ	IM87RF	1635	0	0.00%	YAESU FT-991A	50	13 Elementi Tonna	200
120	IK4XQT/4	JN54PF	36	6112	S53DKR	JN66XE	302	0	0.00%	IC 7000	20	FOX MALDOL SU MANICO SCOPA NEL BALCONE	800
121	IW1BCS/1	JN34OS	28	6106	S50C	JN76JG	614	4	23.87%	KENWOOD TR751 E	25	7 elementi	1400
122	S57UZX	JN75LT	40	6103	HA6W	KN08FB	487	1	1.09%		25	Yagi 11 el	250
123	I4VIL	JN54CM	26	6056	OK7O	JN69OU	635	2	6.53%		50	9 el. yagi	700
124	S59DME	JN75PP	37	6007	YT5W	KN04OO	479	0	0.00%	Yaesu 897	20	Yagi	156
125	9A7JCY	JN74OC	26	5906	IZ1DGG	JN44FF	539	2	9.61%		50	Yagi 9 el	0
126	OK1VKC	JN79NU	47	5765	HG1Z	JN86KU	358	4	17.81%	FT-817	5	5Y	555
127	IN3EGC	JN56TT	22	5748	IQ0HV	JN63KC	424	2	2.34%		50	yagi	1500
128	IU1PZX	JN35SB	23	5686	S50C	JN76JG	579	2	11.36%		35	direttiva 6 el	360
129	OK2KGU	JN89IG	30	5619	E73JHI	JN84LX	478	6	20.83%		5	2xF10FT	0
130	IT9QPF	JM67LX	15	5558	IZ1DGG	JN44FF	791	0	0.00%		20	4 elementi h.m.	0
131	OK2CMZ	JN89JT	47	5534	IQ5NN	JN63GN	767	9	25.87%	IC705	10	2x7el.Yagi	590
132	OM1MJ	JN88PE	29	5524	YU1LA	KN04FR	455	1	7.08%	FT-817ND	5	7 el. QUAD GW4CQT	153
133	IW0AEN	JN61GU	22	5391	IH9YMC	JM56XT	563	1	7.47%		50	6+11 EL V/U Antenna Amolifier	40
134	YU1AES	KN03QF	16	5387	OM5AW	JN98AH	622	1	7.12%	ic7400	50	4x6el	350
135	OK1JEH/P	JO60OH	33	5162	SP9KDA	JO90PP	432	2	8.44%	FT 817 ND	5	KRCKA	691
136	SP9SOO	JN99OV	19	5160	9A0BB	JN85EI	548	1	8.28%	IC-706	10	DK7ZB 5el.	270

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
137	I3NGL	JN65DR	34	5045	OM3W	JN99CH	597	3	12.15%	Yaesu ft817	50	17 el tonna	30
138	OK1PGS	JN69RS	27	4973	9A0V	JN95PE	672	1	1.11%	IC9700	50	PA8MS	380
139	HA9CD	KN08KD	15	4931	E7AA	JN83SO	568	1	4.55%	YAESU FT-897	50	4 EL. YAGI	116
140	YO2LTA	KN06ME	13	4920	S59DEM	JN75DS	524	2	7.99%	FT-736	30	LFA12 EL	100
141	IU4CSS	JN54VO	25	4860	F5PVX/P	JN23WE	500	0	0.00%		50	Hm 9 elem	8
142	IK3ITB/5	JN53QQ	22	4814	9A0BB	JN85EI	438	0	0.00%	KENWOOD TR751E	25	5 ELEMENTI YAGI HOME MADE	295
143	IK2OVT	JN45JM	18	4763	F2ETL/P	JN05PG	587	2	5.91%	YAESU FT 991	50	8 EL YAGI	156
144	IV3GVY	JN66PC	25	4720	IZ1AZA	JN34XF	468	2	13.90%	YAESU FT818	5	YAGI 5 EL.	100
145	IU3OWY	JN55PP	34	4703	S50C	JN76JG	280	2	0.44%	Yaesu FT-897D	50	F9FT, X-50N	300
146	IZ5CMI	JN53EN	21	4676	S50C	JN76JG	460	2	11.99%		50	6elem	25
147	DM1PL/P	JO50DO	18	4555	SP9KDA	JO90PP	635	1	6.45%	KX3	15	2x5ele DK7ZB vertikale gestockt	751
148	OM6JO	JN99KB	28	4545	9A6D	JN85AO	440	3	21.79%	FT-817	5	A144S10	430
149	OM7AG	JN98NO	22	4474	IQ5NN	JN63GN	756	1	5.77%	FT-991A	50	DK7ZB 7 el	325
150	DJ1KW/P	JN69FB	20	4310	OM3GI	KN09HB	595	6	39.34%	FT-857D	50	4 elements DK7ZB	0
151	IK3YBX	JN65DM	28	4204	9A1N	JN85LI	365	1	3.93%	IC-706mk2G	50	Collineare V2000	1600
152	I3WBD	JN55TR	36	4171	IK1YEZ	JN35UL	306	5	17.50%	FT991 Yaesu	50	RA-XL RKB 7elementi VHF-UHF orizzontale	101
153	IK3RBQ	JN65DR	31	4044	OM5AW	JN98AH	522	6	21.75%	TS 790/E KENWOOD	30	DIRETTIVA 16 elementi YAGI	32
154	IK1WEG/8	JM89AJ	11	4034	IZ1AZA	JN34XF	859	1	1.92%	YAESU FT 857	50	yagi 8 ele	0
155	IW3EPE	JN55RU	27	3973	IZ1DGG	JN44FF	297	0	0.00%	FT290r	3	10 elementi FR	1000
156	9A5THR	JN95IN	14	3919	IQ0HV	JN63KC	539	0	0.00%	Kenwood TS-450 + XVRT	20	Yagi 9 el.	130
157	S57S	JN76JB	31	3851	OM5AW	JN98AH	351	2	8.83%	IC-705	10	8el. S57S (home-made 28Ohm)	0
158	IV3KKW	JN66IE	25	3838	IQ0HV	JN63KC	344	0	0.00%		50	Verticale	283
159	OE3KAR/P	JN87AU	23	3823	E7DX	JN84GK	382	1	7.05%	FT-818ND	6	HB9CV	840
160	OK2DDS	JN89GE	20	3735	9A0BB	JN85EI	427	0	0.00%	YAESU FT-991A	10	6el DK7ZB	300
161	OE8MPR	JN76HN	23	3734	HA6W	KN08FB	471	4	16.26%	Yaesu FT-991	50	3-Element Yagi	490
162	OM6APR	JN99JF	22	3556	S59DEM	JN75DS	512	3	19.20%		5	4 el.yagi	360
163	9A2KO	JN75IE	22	3546	IK2AQZ	JN44SV	408	1	1.42%		25	16 EL YAGI	33
164	OK1PMA	JO70CB	26	3540	S59DEM	JN75DS	478	0	0.00%	FT897	10	LPDA 9el.	400

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
165	9A3AAU	JN95BF	11	3428	I4VOS	JN54PF	551	1	12.30%	ICOM IC-706mMKIIg	50	4x9el Yagi-Uda	180
166	IK2WQK	JN55LD	29	3291	S59P	JN75FO	279	1	2.98%	Yaesu FT 897	50	DL6WU 15 Elementi	13
167	IZ2NXF	JN45XV	20	3243	9A1P	JN65VG	307	1	3.80%		50	HB9	0
168	YT8A	KN04ER	9	3091	S59DEM	JN75DS	490	1	9.43%		10	Yagi	0
169	LZ2BDS	KN13KX	10	3082	S50C	JN76JG	684	0	0.00%	IC746	50	13 el. Yagi	56
170	OK1DUS	JN79IU	29	3070	DK050BN	JN39VV	496	0	0.00%		5	GW4CQT	325
171	IK7HIN	JN80ST	8	3044	F5SGT/P	IN88KD	1824	0	0.00%	FT857 YAESU	50	5 EL. YAGI	12
172	IX1CKN	JN35PR	10	2829	S59P	JN75FO	557	0	0.00%	Yaesu FT-897D	50	Diamond A144S10R 10 el.	700
173	S57WW	JN86CM	18	2715	HA6W	KN08FB	364	1	12.31%	IC-202	10	5 EI HOME MADE	200
174	IK5XVV	JN53OS	13	2688	9A0BB	JN85EI	446	3	27.66%		30	YAGI BIBANDA 10EL	0
175	IU0PJS	JN63EC	12	2561	IH9YMC	JM56XT	701	0	0.00%		50	5 el. Yagi	400
176	LZ2JU	KN34NA	10	2406	9A8D	JN95LM	666	0	0.00%	Yaesu FT-991	50	9 El. Yagi	50
177	OE3VET/P	JN88CA	16	2378	E7DX	JN84GK	400	0	0.00%		2	YAGI 3 EL.	0
178	9A1AL	JN75PF	19	2224	OE/HA5DDX	JN77WM	259	0	0.00%	ICOM IC-7000	50	YAGI 4 el.	302
179	OK5ET	JN69VJ	16	2102	SP9KDA	JO90PP	417	4	17.47%		5	4 elY	0
180	9A1EJ	JN75PF	17	2064	OE/HA5DDX	JN77WM	259	1	0.77%	ICOM IC-7000	50	Yagi 4 el	302
181	9A1BTU	JN85UH	11	1950	S57GM	JN76CC	286	1	11.04%	FT290R	10	Yagi 10 el	180
182	9A1EA	JN75PF	17	1931	OE/HA5DDX	JN77WM	259	1	7.16%	ICOM IC-7000	50	YAGI 4 el.	302
183	IK0BDO/5	JN53GC	9	1914	EA6VQ	JM19MP	735	1	13.08%	YAESU FT817	5	4 EL YAGI	2
184	IU3OAR	JN65DM	18	1884	IQ5NN	JN63GN	219	1	10.07%	Yaesu FT991A	50	Vertical collinear	10
185	DL6MR	JO61NA	7	1867	HA2R	JN87UE	542	3	21.09%	IC-758	10	5 EL YAGY	200
186	9A2SB	JN95GM	9	1824	9A4PB	JN75DI	333	0	0.00%	IC202SBmodi	10	10 el. DL6WU	92
187	IS0BHY	JM49LL	6	1774	EA3AYQ	JN11MS	561	1	26.21%	FT897	20	YAGI 8 ELEMENTI	130
188	9A3AQ	JN75WS	15	1628	9A0V	JN95PE	275	0	0.00%	HM	10	VILEDA INDOOR	0
189	OE6PPF	JN77IF	12	1578	9A1P	JN65VG	229	3	30.88%	Kenwood TM255e	30	9el. Yagi	730
190	OK3DM	JN79BV	23	1532	OM3W	JN99CH	302	0	0.00%	FT-817	5	HB9CV	499
191	IW7EDZ	JN71QQ	8	1418	S50C	JN76JG	512	3	44.48%		50	autocosruita Antenna H	86
192	I2FUM	JN45MT	10	1037	IZ1AZA	JN34XF	196	0	0.00%	IC706	50	9 Elem.	220
193	9A3DUH	JN85XE	10	1037	E7AA	JN83SO	180	0	0.00%		25	X510	280
194	S53VV	JN65VN	10	1004	IQ0PG	JN63JF	272	1	0.79%	Mutek - FT-221R	10	GP	100
195	IN3GRV	JN56NQ	7	981	S59P	JN75FO	284	1	25.17%	IC-821	50	Dir. 7el	310
196	OK1FUJ	JO70SL	10	959	SP9KDA	JO90PP	266	0	0.00%	FT-225 RD	10	4 el. Yagy	580
197	OE5WEO	JN67TX	7	920	OM3W	JN99CH	368	0	0.00%	Yaesu FT 818	45	Yagi	0
198	OK1MLP	JN79BV	16	850	OK1NPF	JO70SQ	134	0	0.00%	FT-817	5	HB9CV	499

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
199	LZ9A	KN12KR	7	805	E7AA	JN83SO	444	0	0.00%	IC9700	50	8EL I0JXX	769
200	IN3IIR	JN56NA	8	766	S59P	JN75FO	263	1	5.32%		50	Direttiva bibanda	400
201	OK2HA	JN99BN	4	678	S50C	JN76JG	443	2	48.20%	Yaesu FT-991	35	2x8el DK7ZB	606
202	IU1ASL/1	JN35VB	7	555	IK2CIO	JN45TO	156	0	0.00%	Yaesu FT897 D	50	Proxel nr 770 h	672
203	E74HJ	JN84WE	5	555	9A8D	JN95LM	172	2	32.97%	FT991A	45	X510 DIAMOND	0
204	IW1BOK	JN35TB	7	554	IK2HKT	JN45VS	187	0	0.00%	Icom IC 9700	10	Comet GP98	225
205	OK2AK	JN89HL	3	388	OE1ILW/P	JN77XX	174	0	0.00%		50	PA0MS	0
206	OM1HMI	JN88MF	4	370	HA2R	JN87UE	127	2	46.22%	IC-705	10	YAGI 5el	238
207	OE5JKL	JN78FI	5	332	OE1W	JN77TX	97	1	22.61%	IC9100	50	Vertikall	330
208	OM/OK1VLG	JN99LC	8	318	HG6N	JN98VD	123	1	33.47%	FT847	10	GPdualband	381
209	IN3RWF	JN56NB	2	302	9A1P	JN65VG	226	1	16.34%	Yaesu FT-991A	50	Bibanda VHF UHF	136
210	9A5CC	JN83FM	3	289	I4CVC/7	JN71SU	200	0	0.00%		50	3 element yagi	0
211	IZ1GJH	JN44RG	2	200	IZ1AZA	JN34XF	120	0	0.00%		40	vert.omni	30
212	IQ1TG	JN44RG	2	200	IZ1AZA	JN34XF	120	0	0.00%		40	vert.omni	30
213	Z32KF	KN01SI	1	93	Z31EF	KN02RE	93	1	90.95%	KENWOOD TS-711E	25	Yagi 11 el.	600
214	OK9ATD	JO70FA	4	76	OK3TV	JO70AB	31	0	0.00%	ft817	5	bÄ,Ä-lÄ,Ë# hÄ'Ä»l x 300	25
215	IN3JRZ	JN56OP	2	47	IQ3XL	JN56UO	39	1	39.74%		50	verticale	320
	OK7BA	JN69PN	0	0				7	100.00%	IC-706mk2G	50	5el yagi	0

#### 145 MHz - portable stations /max. PWR : 5W OUTPUT / location above 1000m A.S.L.

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
1	OE/OL0M	JN77VS	171	41052	PA2CHR	JO32DB	830	3	1.69%	IC705	5	7 el. DK7ZB	2076
2	OK2KOJ	JO80MF	103	28374	IQ0PG	JN63JF	843	5	5.56%	FT-991A	5	10el DK7ZB	1125
3	OE3GRA/P	JN77VN	109	27250	DK050BN	JN39VV	642	9	5.49%	FT817	5	10 El Yagi	1780
4	IK5AMB	JN54FF	121	26633	IW4EBS/ID9	JM78JN	727	3	2.39%	YAESU FT 290R	3	9 ELEMENTI	1700
5	IK2ECM/6	JN63HM	97	23923	DK1FG	JN59OP	690	0	0.00%	yaesu 991	5	9 el	1150
6	OK2ZNT	JO80NB	95	22743	IQ0PG	JN63JF	829	20	17.06%		5	2x7el DL7WU	1355
7	IKORWW/6	JN72BD	74	22297	OM5AW	JN98AH	751	11	13.45%	YAESU FT 897D	5	TONNA 13 EL.	2146
8	IN3EYY	JN55PU	121	21711	I4CVC/7	JN71SU	561	5	5.20%		5	2 x 5 El.	1890
9	E77Y	JN84TG	76	21243	IK1YEZ	JN35UL	793	6	9.86%	FT 480R	5	9 el. Yagi home made	1950
10	OE5JFE/P	JN77OU	78	18291	YT5W	KN04OO	586	3	2.83%	FT817nd	5	4el.Yagi DK7ZB	1893
11	OE8KVK/P	JN76LT	82	16164	SP9KDA	JO90PP	532	1	3.14%	IC705	5	9-El F9FT	2050
12	S50K	JN66XB	77	15242	YO2AMU	KN06PE	566	1	2.52%	ic705	5	2 x 9	1056

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
13	OK1FEN	JO70UP	70	15083	IQ5NN	JN63GN	824	0	0.00%	IC705	5	10 and 4el Yagi	1265
14	E70SIC	JN93CT	48	14875	SP9KDA	JO90PP	765	5	13.07%	IC 705	5	2 x Yaggi 13 el	1240
15	IZ3XBK	JN55MQ	72	12970	IS0BSR	JN40PQ	574	2	2.41%	FT-817	5	NAGARA 12 ELEM.	1590
16	IZ0ANE/6	JN72BD	44	12651	IK2HKT	JN45VS	532	0	0.00%		5	5 el. h.m.	1700
17	IW3SOX	JN66SE	73	11833	IZ0ANE/6	JN72BD	452	4	8.86%	Icom IC-705	5	Yagi 5 el Diamond	1300
18	IU3MBY	JN55RS	59	9745	IS0BSR	JN40PQ	592	6	9.94%	ft 818	5	direttiva 3 elementi	1100
19	IK3XTY	JN55LP	65	9724	IS0BSR	JN40PQ	568	1	3.21%	yaesu ft 818	5	Vimer om 33	1361
20	IZ6EGX	JN62VJ	32	9378	OE6V	JN76VT	516	3	7.99%	Yaesu FT-817ND	5	Yagi 4 Elementi Autocostruita	1892
21	DL3ZAE/P	JN57XS	50	9196	SP9KDA	JO90PP	621	3	8.74%	FT817ND	5	Ya7	1187
22	IQ3QC/0	JN61VO	31	7875	IK2HKT	JN45VS	564	0	0.00%	YAESU FT817ND	5	10 el. yagi Ant.Italia	1360
23	IU3QEZ	JN55PS	40	7041	9A3RU	JN85LI	444	3	13.78%		5	Yagi 5 el	1590
24	IU0PXN	JN61VO	27	6678	IK2HKT	JN45VS	564	2	6.89%	YAESU FT817ND	5	yagi 10el	1360
25	S52ON	JN76LJ	31	5156	OK7O	JN69OU	406	2	10.67%	FT-817	5	5 el yagi homemade	1250
26	IK3BVD	JN66AH	28	5124	IK0RWW/6	JN72BD	493	2	6.60%	IC-705	5	HB9CV	1580
27	OM8OM	KN09AC	17	4357	OE5D	JN68PC	509	2	21.13%	FT817	5	7el. DK7YB	1950
28	S53TG	JN76NE	30	3743	IQ0HV	JN63KC	387	0	0.00%	YAESU FT-991	5	GP	1118
29	IU5IZY	JN54PD	7	1178	S59P	JN75FO	298	3	42.42%	C-58 Standard	1	Yagi 6 elementi	1260
30	E7/9A3BQR	JN83RO	7	902	IK0RWW/6	JN72BD	317	1	33.97%		4	6ele YAGI	1350
31	E7/9A3BQQ	JN83RO	4	589	IQ0HV	JN63KC	375	1	32.53%		4	6ele YAGI	1350

#### 145 MHz - Young contester (age under 25)

Place	Callsign	WWL	QSO nr.	Score	ODX Call	ODX WWL	ODX QRB	Err. nr.	Err.	TRX	Pwr (W)	Antennas	Asl (m)
1	IU4FNO	JN63EU	208	66037	LZ2T	KN13OD	877	9	6.33%	ICOM IC 910H	50	11 el F9FT	1100
2	IZ3KMY	JN55NI	13	2113	S59P	JN75FO	262	1	5.80%	Yaesu FT 897/D	20	GP Collineare	35
3	E7/9A3BQR	JN83RO	7	902	IK0RWW/6	JN72BD	317	1	33.97%		4	6ele YAGI	1350
4	OK2HA	JN99BN	4	678	S50C	JN76JG	443	2	48.20%	Yaesu FT-991	35	2x8el DK7ZB	606
5	E7/9A3BQQ	JN83RO	4	589	IQ0HV	JN63KC	375	1	32.53%		4	6ele YAGI	1350