

2006 ARRL International EME Competition Results

Marc Franco, N2UO
n2uo@arrl.net

Moonbounce remains the most popular intercontinental VHF through millimeter wave DX activity. Proof of this are the 174 logs containing 7197 contacts that compare quite well with the 160 logs and 7331 QSOs from the previous year. Logs were submitted from 21 DXCC entities, 21 US states and three Canadian provinces.

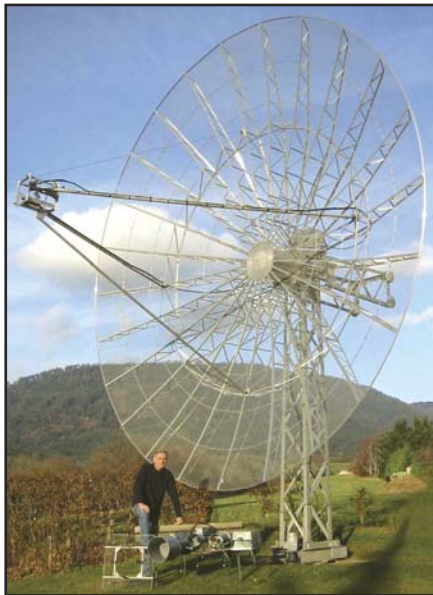
The contest took place during three weekends, one of them exclusively dedicated to the 2304 MHz bands and up, and two for the bands from 50 to 1296 MHz. Single operators could enter in the Unassisted Category, where no use of spotting assistance or nets was allowed, or the Assisted Category, where spotting assistance was permitted; however, self-spotting (announcing one's CQ frequency) was not allowed, just as in any other ARRL contest (section 3.14 of the Contests General Rules). Unassisted entries comprised 75 percent of the total single operator entries, indicating an increase in this mode of operation compared to last year's 59 percent. If only 2 meter single operator entries are considered, the number of unassisted entries increased even more, from 36 percent to 72 percent.

Gerald Williamson, K5GW, obtained the absolute highest contest score with 3,286,800 points, also winning the single operator unassisted all band category. Alex Ivliev, RU1AA, achieved 1,704,000 points, taking the top unassisted 2 meter band honors. In the 50-1296 MHz unassisted multiband class, Jimmy Vittorakis, SV1BTR, took the top spot with 643,100 points, while Philippe Pierrat, F2TU, won the unassisted 2304 MHz and up category with a score of 117,000.

Other single operator unassisted band winners were Jan Bruinier, DL9KR (432 MHz); Franta Strihavka, OK1CA (2304 MHz), and Philippe Borghine, F5WJF (10 GHz). The fantastic photo-finish 1296 MHz top honors were this year for Jay Liebmann, K5JL, who worked the same number of stations but one more multiplier than Dominique Fassler, HB9BBD, with amazing scores of 360,000 and 351,000 respectively.

The assisted class highest score was achieved by Dmitry Dmitriev, RA3AQ, who also won the assisted 2 meter band with 1,216,000 points. Dave Blaschke, W5UN, followed him with a single operator assisted 2 meter entry of 704,000 points. Josep Parella, EA3DXU, repeated last year's success by winning again the 50-1296 MHz multiband

COURTESY PHILIPPE PIERRAT, F2TU



Longtime EME operator Philippe Pierrat, F2TU, with his homebrew dish and feeds for 432, 1296, 2304, 5760 and 10368 MHz.

assisted category, scoring 605,000 points. Howard Ling, G4CCH, took the 1296 MHz assisted top spot with a score of 351,000 points, and the assisted all-band winner was once again Al Ward, W5LUA, with 254,200 points on 5 bands. Other single operator assisted band winners were Hideki Koga, JR6EXN (50 MHz), and Shukou Umezawa, 7M2PDT (432 MHz).

In the multi-operator category, the YO9FRJ group achieved the highest score with 565,600 points using only 2 meters and 70 cm in the 50-1296 MHz class. F3VS took the 144 MHz top spot with 386,100 points, while the OH2PO group won the 432 MHz band with 230,400 points. The multi-multi category top honors corresponded to the OH2AXH group, who used only 2304 MHz and 10 GHz. Other single band, multioperator winners were VA7MM (1296 MHz), IQ4DF (10 GHz) and OK1KIR (5.7 GHz).

Activity levels on the most popular bands seem to be comparable with last year's event. A slight decrease was observed in 432 MHz activity, while a significant increase was noted on 2304 MHz. The availability of surplus solid-state power amplifiers has boosted 13 cm operation in spite of the odd worldwide frequency allocations. Split contacts on this band are not uncommon between stations in certain parts of Europe, the US and Japan.

Logging the mode of operation (digital, CW or phone) was not a requirement; however, the majority of the contestants submitted

Top Scores and Category Winners

The table shows the Top 10 scores of each three operator classes — Single Operator Unassisted, Single Operator Assisted and Multi-operator, regardless of bands used. In the Top 10 portion, the winner of one of the band classes (A=50, B=144, D=432, E=1296, F=2.3G, H=5.7G, I=10G) or multiple bands is listed in **bold**. After the Top 10, other winners that did not make the Top 10 overall listing are shown. Numbers in the table represent the number of contacts, multipliers and total score.

Single Operator Unassisted

K5GW	249	132	3,286,800	BDEF
RU1AA	240	71	1,704,000	B
KB8RQ	164	68	1,115,200	B
RW1AW	131	84	1,100,400	BDEFI
G3LTF	127	78	990,600	BDEF
VE6TA	104	70	728,000	DEF
SV1BTR	109	59	643,100	BD
DF3RU	88	54	475,200	BDE
VK3UM	83	57	473,100	DE
K1JT	93	47	437,100	B
K5JL	90	40	360,000	E
DL9KR	76	35	266,000	D
F2TU	39	30	117,000	FHI
OK1CA	26	20	52,000	F
F5WJF	8	7	5,600	I

Single Operator Assisted

RA3AQ	190	64	1,216,000	B
W5UN	128	55	704,000	BD
EA3DXU	110	55	605,000	BD
OK1DFC	89	51	453,900	DE
G4CCH	90	39	351,000	E
SM2CEW	60	45	270,000	BDE
W5LUA	62	41	254,200	BEFHI
G4ZTR	48	29	139,200	B
RA6AX	47	28	131,600	B
7M2PDT	30	24	72,000	D
JR6EXN	6	5	3,000	A

Multi-operator

YO9FRJ	101	56	565,600	BD
F3VS	99	39	386,100	B
YU1CF	84	38	319,200	B
S54T	75	38	285,000	BD
SP6JLW	56	43	240,800	DE
OH2PO	72	32	230,400	D
AA1YN	66	34	224,400	B
NC1I	63	31	195,300	D
F1DDG	46	29	133,400	B
VA7MM	37	24	88,800	E
OH2AXH	18	15	27,000	FI
IQ4DF	17	13	22,100	I
OK1KIR	5	5	2,500	H

Checklogs

The ARRL Contest Staff gratefully acknowledge the following amateurs for their participation in the ARRL 2006 International EME Competition. For various reasons, they chose to submit their logs as checklogs only, or employed operating techniques not currently covered under any class included in the rules governing the contest: IK3MAC, K2BLA, K5GMX, K0KP, LY2BAW, LY2SA, LZ1OA, N3ZBK, N0AKC, OH3KLJ, RA3GES, RK3WWF, RN4AT, S52LM, SM5CUI, UA9FAD, UA9SL, WA3BZT, WB9PNU and YU7AA.

this information for 96 percent of the total reported contacts. This year's operating mode results are 45 percent digital versus 55 percent analog (SSB and CW), reflecting a 7 percent increase in digital operation over 2005. **QST**

The 2006 ARRL International EME Competition Results

Scores

Each line score lists call sign, score, stations worked, multipliers, and band (A= 50 MHz, B = 144 MHz, C = 222 MHz, D = 432 MHz, 9 = 902 MHz, E = 1296 MHz, F = 2304 MHz, I = 10 GHz).

Single Operator Unassisted All Band

K5GW *	3,286,800	249	54	B
		29	23	D
		72	38	E
		23	17	F
RW1AW *	1,100,400	131	14	B
		13	12	D
		65	34	E
		20	13	F
		16	11	I
G3LTF *	990,600	127	4	B
		34	22	D
		64	35	E
		25	17	F
VE6TA *	728,000	31	24	D
		59	34	E
		14	12	F
WA6PY *	368,500	14	12	B
		2	2	D
		34	26	E
		10	9	F
		7	6	I
OZ4MM *	288,000	17	13	D
		45	30	E
		2	2	F
SM3AKW *	288,000	26	18	D
		24	22	E
		10	8	F
NA4N *	123,000	32	23	E
		9	7	F
WW2R *	78,000	30	17	E
		10	9	F

Single Operator Unassisted Multiband 50 - 1296 MHz Only

SV1BTR *	643,100	81	38	B
		28	21	D
DF3RU *	475,200	2	2	B
		53	28	D
		33	24	E
VK3UM *	473,100	83	28	D
		47	29	E
K7MAC *	361,200	84	42	B
		1	1	D

JA6AHB *	233,700	57	18	D
		33	23	E
DL7UDA *	47,500	14	10	B
		11	9	D
YL2HA *	16,500	14	10	B
		1	1	D
UT3LL *	15,400	11	8	D
		3	3	E
WA8RJF *	13,200	11	10	B
		1	1	D

Single Operator Unassisted Multiband 2304 MHz and Up

F2TU *	117,000	27	19	F
		5	5	H
		7	6	I
ES5PC *	39,100	21	15	F
		2	2	H

Single Operator Unassisted 144 MHz

RU1AA *	1,704,000	240	71	B
KB8RQ *	1,115,200	164	68	B
K1JT *	437,100	93	47	B
W3SZ *	370,500	95	39	B
AA7A *	280,000	80	35	B
IK1UWL *	276,000	69	40	B
IK7EZN *	211,200	64	33	B
LZ2US *	204,800	64	32	B
N5KDA *	182,400	57	32	B
KC7V *	102,600	38	27	B
IK2DDR *	94,300	41	23	B
EB1DNK *	77,000	35	22	B
K1CA *	71,300	31	23	B
FM5CS *	70,300	37	19	B
LA8KV *	48,600	27	18	B
RA6DA *	44,800	32	14	B
UX3LV *	33,000	22	15	B
W9XA *	28,500	19	15	B
DL5MAE *	28,000	20	14	B
K6PF *	23,400	18	13	B
HA0HO *	20,800	16	13	B
W1FKF *				

HG1W *	20,400	17	12	B
LA2AB *	19,500	15	13	B
SP9TTG *	18,000	15	12	B
JHØWJF *	14,300	13	11	B
YO3FFF *	14,000	14	10	B
9A9B *	13,200	12	11	B
RV9UV *	12,600	14	9	B
LZ1DP *	10,800	12	9	B
SM7WSJ *	6,300	9	7	B
SP2JYR *	5,600	8	7	B
DL8UCC *	5,600	8	7	B
AF4JF *	4,000	8	5	B
DF1VH *	2,500	5	5	B
NF2V *	2,400	6	4	B
JR3REX *	2,000	5	4	B
JS3CTQ *	1,600	4	4	B
JM1GSH *	1,200	4	3	B
VA3TO *	900	3	3	B
K7XC *	900	3	3	B
LU1CGB *	900	3	3	B
SM1MUT *	900	3	3	B
SP9DHQ *	900	3	3	B
EA1DDO *	100	1	1	B
RA4NAG *	100	1	1	B
	100	1	1	B

Single Operator Unassisted 432 MHz

DL9KR *	266,000	76	35	D
UA3PTW *	165,000	50	33	D
K1FO *	85,000	34	25	D
FR5DN *	77,700	37	21	D
UT5DL *	50,400	24	21	D
JJ1NNJ *	45,600	24	19	D
RW3PX *	31,500	21	15	D
W8TXT *	28,800	18	16	D
JA9BOH *	14,000	14	10	D

YO2IS *				
	8,800	11	8	D
SM3JQU *				
	8,100	9	9	D
JH4JLV *				
	5,600	8	7	D
UZ5DZ *				
	1,600	4	4	D
K6JEY *				
	1,200	4	3	D

Single Operator Unassisted 1296 MHz

K5JL *				
	360,000	90	40	E
HB9BBD *				
	351,000	90	39	E
SM4DHN *				
	348,000	87	40	E
OZ6OL *				
	217,800	66	33	E
K1RQG *				
	168,000	56	30	E
KØYW *				
	159,000	53	30	E
IW2FZR *				
	145,000	50	29	E
IK3COJ *				
	109,200	42	26	E
N2UO *				
	108,000	40	27	E
IØUGB *				
	44,200	26	17	E
DL4DTU *				
	42,500	25	17	E
IZ1BPN *				
	23,400	18	13	E
WA5WCP *				
	19,500	15	13	E
JH5LUZ *				
	10,800	12	9	E
EA3UM *				
	10,000	25	4	E
JA4LJB *				
	5,600	8	7	E
WA4OFS *				
	3,600	6	6	E

Single Operator Unassisted 2304 MHz

OK1CA *				
	52,000	26	20	F
WD5AGO *				
	20,800	16	13	F

Single Operator Unassisted 10 GHz

F5JWF *				
	5,600	8	7	I

Single Operator Assisted All Band

W5LUA *				
	254,200	62	2	B
		31	17	E
		21	15	F
		3	3	H
		5	4	I

Single Operator Assisted Multiband 50 - 1296 MHz Only

EA3DXU *				
	605,000	91	40	B
		19	15	D

OK1DFC *	453,900	28	18	D
		61	33	E
SM2CEW *	270,000	15	13	B
		25	18	D
		20	14	E
W5UWB *	22,100	16	12	B
		1	1	D
VK4CDI *	8,100	8	8	B
		1	1	D

Single Operator Assisted 50 MHz

JR6EXN *	3,000	6	5	A
JE1BMJ *	400	2	2	A

Single Operator Assisted 144 MHz

RA3AQ *	1,216,000	190	64	B
W5UN *	704,000	128	55	B
G4ZTR *	139,200	48	29	B
RA6AX *	131,600	47	28	B
N5BO *	53,200	28	19	B
XE2AT *	31,500	21	15	B
PA3CWN *	13,500	15	9	B
DL9LBH *	13,200	12	11	B
OK1TEH *	11,000	11	10	B
RA3WDK *	8,000	10	8	B
YO8BCF *	7,000	10	7	B
EB2FJN *	3,500	7	5	B
SN7V *	3,000	6	5	B
TA1D *	2,500	5	5	B
JJ3JHP *	2,000	5	4	B
K5AM *	1,200	4	3	B
HA8V *	900	3	3	B
WB2SIH *	400	2	2	B

Single Operator Assisted 432 MHz

7M2PDT *	72,000	30	24	D
UT2EG *	35,800	23	16	D
KE2N *	32,300	19	17	D

Single Operator Assisted 1296 MHz

G4CCH *	351,000	90	39	E
---------	---------	----	----	---

W2DRZ *				
	71,300	31	23	E
K9SLQ *				
	33,600	21	16	E
LA9NEA *				
	17,100	19	9	E
SM5LE *				
	16,500	15	11	E

Multioperator All Band

OH2AXH (OH2LH,OH6DD,ops)*				
	27,000	15	12	F
		3	3	I

Multioperator Multiband 50 - 1296 MHz Only

YO9FRJ (+YO9AFE)*				
	565,600	98	53	B
		3	3	D
S54T (+S56TZK)*				
	285,000	75	36	B
		2	2	D
SP6JLW (SP6OPN, op)*				
	240,800	56	21	D
		31	22	E
K4EME (+AD4TJ,KR4V)*				
	52,800	24	8	B
		15	14	D

Multioperator 144 MHz

F3VS (+F3CW, F5LEN, F5PTM, F5RMY)*				
	386,100	99	39	B
YU1CF (+AI4RK)*				
	319,200	84	38	B
AA1YN (+NS1O)*				
	224,400	66	34	B
F1DDG (+F6HEO, K1UKQ,F0EUI,ops)*				
	133,400	46	29	B
W2MMD (N2NRD, KB2AYU, ops)*				
	5,400	9	6	B

Multioperator 432 MHz

OH2PO (OH2HYT, OH6DD, ops)*				
	230,400	72	32	D
NC1I (+W1QA)*				
	195,300	63	31	D

Multioperator 1296 MHz

VA7MM (VE7CMK,VE7CNF,ops)*				
	88,800	37	24	E
LA2Z (LA2PKA,LA5SKA,LA6MV,LA7VA,ops)*				
	54,000	30	18	B
ON4BCB (ON4CO, op)*				
	50,000	25	20	E
UA3DJG (+UA3ATS)*				
	14,300	13	11	E

Multioperator 5760 MHz

OK1KIR (OK1DAI, OK1DAK, OK1VAO, ops)*				
	2,500	5	5	H

Multioperator 10 GHz

IQ4DF I4ZAU,IW4DB,IK4PNJ,IZ4BEH,IW4BEH,IK4GMH,ops)*				
	22,100	17	13	I
DLØEF (DL5FAB/PA3GLB,DK2KA,DL3LUM,DD9ZL)*				
	14,000	14	10	I