

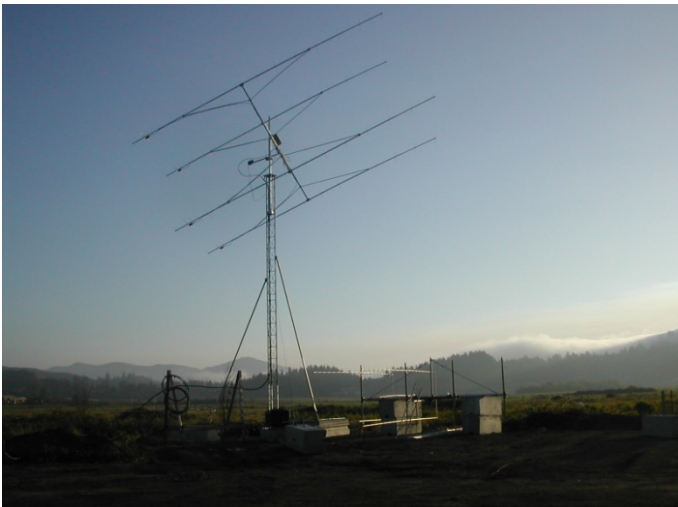


ARRL EME Contest 2011 Results

by *Jeremy Alexander, W7EME (w7eme@yahoo.com)*

More efficient and robust moonbounce contesting

The 33rd annual ARRL International EME Competition scores are in. The first weekend of the competition was September 24-25 for entrants on 2.3 GHz and up. The second weekend was October 22-23 for VHF and UHF using 50-1296 MHz. The final weekend segment of the competition was also for 50-1296 MHz operators and was held during the moon of November 19th and 20th.



Jeremy, W7EME used this remotely-operated 2 meter array of four 17-element Yagis to monitor activity during the contest.

The contest was again structured with the new four-category format put in place in 2010. The popular Single Operator, All Mode – any combination of CW, phone, or digital modes – is available for Single-Band or All-Band operation. The most challenging category is Single Operator, CW Only which is open to 144, 432, and 1296 MHz Single-Band and All-Band logs. Multioperator, All Mode is open to any combination of CW, phone, or digital modes on all bands. The Multioperator, CW Only category is open to 144, 432, and 1296 MHz Single-

Band and All-Band logs. All categories forbid any real-time assistance.

Top Scores

The overall highest score once again goes to the station of Joe, K1JT producing a final score of 4,977,000 points – outstanding! K1JT entered the competition as a Multioperator, All Mode, All Band participant. Gerald K5GW's super-station produced an amazing score of 4,727,500 points in the Single Operator, All Mode, All-Band category. This is also outstanding and, needless to say, Gerald was very busy!

In the Single Operator and Multioperator, CW Only categories there were also some exceptional entries. As in past years Dinitris, SV1BTR reeled in 2,724,000 points in the Single Operator, CW Only, All-Band category. Dmitry UA3PTW took the high score for Multioperator, CW Only, All-Band with 2,635,500 points. A complete list of Single-Band scores and a list of all entrants can be found at the end of this document.

Third Year without Assistance

The 2011 ARRL International EME Competition remained a "no assistance allowed" contest. Once again the scores reflect many contest QSOs logged with stations not actually participating in the event. The online logger websites were crowded with non-entrants seeking activity with stations operating during the 2011 competition. This was especially evident during the second and third VHF-UHF segments of the contest.

Each year more operators have been adapting new techniques to detect and demodulate EME signals. This is creating a more efficient and robust EME contester for whom the use of online spotting is no longer much of an advantage for finding stations.

The utilization of wideband receiving schemes, dual polarity antenna systems at VHF and UHF, and band-mapping software such as K1JT's MAP65 offer powerful tools for successful point-gathering. Technology and state-of-the-art station configurations are offering the operator the ability to contest without input from anything other than their receivers.

2012 EME Contest

Questions and comments about the 2012 ARRL International EME Competition should be addressed to the ARRL VUAC. The ARRL welcomes your input, pro and con, regarding this contest. Please provide your ideas in a polite and collected manner at www.arrl.org/contact-arrl. (Be sure to click "contests" in the form fields.) Dates for the 2012 contest will be announced on the ARRL website when the best dates have been determined.

2011 ARRL EME Contest – Category Winners

CATEGORY	CALL	QSOS	MULTS	SCORE	OPERATORS
Single Operator, CW Only, All Band	SV1BTR	227	120	2,724,000	
Single Operator, All Mode, All Band	K5GW	305	155	4,727,500	
Single Operator, CW Only, 144 MHz	OZ1HNE	56	30	168,000	
Single Operator, All Mode, 144 MHz	KB8RQ	188	75	1,410,000	
Single Operator, CW Only, 432 MHz	DL9KR	43	24	103,200	
Single Operator, All Mode, 432 MHz	OK2POI	28	21	58,800	
Single Operator, CW Only, 1.2 GHz	G4CCH	106	40	424,000	
Single Operator, All Mode, 1.2 GHz	OK2DL	116	42	487,200	
Single Operator, All Mode, 2.4 GHz	ON5TA	20	18	36,000	
Multioperator, CW Only, All Band	SP7DCS	127	69	876,300	(+ SP7MC)
Multioperator, All Mode, All Band	K1JT	315	158	4,977,000	(+ K2BMI, K2QM, K2TXB, K2UYH, K3TUF)
Multioperator, CW Only, 144 MHz	J48OAA	11	11	12,100	(SV8GKE & SV1OAA)
Multioperator, All Mode, 144 MHz	RU1AA	247	73	1,803,100	(+ RX1AS)
Multioperator, All Mode, 432 MHz	OH2PO	76	30	228,000	(+ OH2BGR, OH2HYT, OH6DD)
Multioperator, CW Only, 1.2 GHz	N2UO	96	41	393,600	(+ W9EQ)
Multioperator, All Mode, 1.2 GHz	RA3AUB	105	38	399,000	(+ UA3PF)
Multioperator, All Mode, 2.4 GHz	SP6OPN	33	25	82,500	(+ SP6JLW)
Multioperator, All Mode, 5.7 GHz	SQ6OPG	4	4	1,600	(+ SP6JLW & SP6OPN)
Multioperator, All Mode, 24 GHz	OK1KIR	4	4	1,600	(OK1DAI, OK1DAK, OK1VAO)