

EUROPEAN EME CONTEST 2024

sponsored by DUBUS and REF

CW / SSB only

The European EME contest is intended to encourage world-wide activity on moonbounce. Each different call prefix forms a multiplier. The 23cm part is the “VK3UM Memorial EME Contest”. This contest is intended to promote random EME contacts and is in this way different from contests where contacts solicited via different channels like Internet chat forums, DX-clusters or other ways of communicating are allowed.

1. Contest Dates & Bands

Part	Date	QRG	Time	Duration	Weekday (UTC)
First Part	February 18	432 MHz	00 - 24 UTC	24h	Sunday
Second Part	March 17	3.4 GHz	00 - 24 UTC	24h	Sunday
Third Part	April 14	2.3 GHz	00 - 24 UTC	24h	Sunday
Fourth Part	May 11 & 12	1.2 GHz	00 - 24 UTC	48h	Saturday&Sunday
Fifth Part	June 8	24 GHz*	00 - 24 UTC	24h	Saturday
Sixth Part	June 9	10 GHz	00 - 24 UTC	24h	Sunday
Seventh Part	July 28	5.7 GHz	00 - 24 UTC	24h	Sunday

2. Sections and Awards

QRP 432MHz <400kW EIRP; 1296MHz <600kW EIRP but no separate QRP/QRO categories

QRO On 432 and 1296MHz, stations with EIRP equal to or greater than stated above

CW/SSB All QSOs in CW and/or SSB mode (just one of the QSOs counts) – no other modes

MULTI Multi-OP is >1 OP – but no separate category

Multi-OP and QRO/QRP be noted in the classifications. The multiband section contains parts 1, 2, 3, 4, 5, 6 and 7. Certificates are available as PDF on request by Email.

3. Rules

3.1 For the purpose of the contest only one scoring per valid QSO with the same station can be logged in each band.

3.2 During the European EME Contest dates & times, two way communication via the Earth-Moon-Earth path is the only type of communication allowed as a valid scoring contact.

3.3 During your moon window, **it is not allowed** to use other communications medium such as loggers, reflectors, chat forum or the internet or packet radio, in order to announce your CQ frequency, self spot, make skeds, exchange or discuss any QSO progress info, or confirm whether the QSO was valid or not. Your moon window is defined as 0 degrees elevation Moon rise to 0 degrees elevation Moon set. –

*On 24 GHz it is allowed to use loggers and chatrooms any time to make skeds.

3.4 If stations participating in the Contest choose to use any form of communication in order to solicit contacts for themselves, they are only permitted to do so outside their moon window defined as in rule 3.3.

3.5 Stations participating in the Microwave bands (2.3GHz and above) are permitted, during times outside their moon window defined as in 3.3 above, to announce their time plan of proposed band segment activity, and their planned frequency and where they will be listening.

3.6 Stations deviating from the rules are not eligible to submit logs for the European EME Contest.

4. Contest Exchange

For a valid EME QSO, both stations must have copied all of the following:

- 4.1 Both callsigns from the other station
- 4.2 Signal report from the other station (using TMO procedure or RST)
- 4.3 R, from the other station, to acknowledge complete copy of 4.1 & 4.2

5. Logs

Logs must be separate for each band, and should be in a usual "logbook" format.

Top line: Your callsign, Band

Each QSO: Date/Time, Callsign, Report sent, Report received, Points, Multiplier

Bottom line: Total points, Total multipliers, Total claimed score.

6. QSO Points

100 points for each random QSO completed on 432MHz – 10GHz.

10 points for each sked QSO completed on 432MHz – 10GHz.

100 points for each QSO completed on 24GHz.

7. Multipliers

Each different call prefix is a multiplier (e.g. DL1, DL2, DL3, DK3, DF3, DK9, SM2, S51, S52, G3, G4 W5, WA5, WW5, JA1, JJ1, JF1, JA2, VK4, VK5, SA6, SM6, G/SM7, G/SM6, UR3, UR4, US4 etc).

8. Total Scores

Single band score = [Total of QSO points] * [Total of multipliers].

There will be one QRP winner and one QRO winner on 70cm and 23cm.

Multiband score = [(Total sum of points on 432-1296MHz) +

(2 * total sum of points on 2.3GHz or above)] * [Total sum of multipliers on all bands]

Multiband stations will also be listed as an entry on each separate band worked.

9. Contest Entries

Copy of the log for each band with details of points, multipliers and total points.

The following information **MUST** also be included for each band:

1. Output power, transmit cable loss, antenna type and gain
2. Categories: QRO/QRP (just for 70cm and 23cm, if nothing stated you will be listed as QRO!);
Single / Multi operator
3. Start time and end time of Contest participation time
4. Name(s) of all operators
5. Grid locator.

Other info is welcome: Comments, conditions, station details, photographs, etc.

10. Sending Your Entry

Contest entries **MUST** be sent no later than 21 days after the end of the last contest weekend (i.e. in the mail or e-mail by AUGUST 18, 2024).

Mail address: Joachim Kraft, Gruetzmuehlenweg 23, D-22339 Hamburg, Germany

You can e-mail your contest entry in any common (PDF, XLS, TXT) format to: DUBUS@t-online.de

All email entries will be acknowledged within one week. Please resend your log/entry if you have not got this acknowledgement. You may send separate band results already directly after the according single weekends. For further questions please contact: DUBUS@t-online.de

Good Luck in the Contest!

For REF: Pascal Grandjean, F5LEN

For DUBUS: Joachim Kraft, DL8HCZ/CT1HZE

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