

# EUROPEAN EME CONTEST 2023

*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

First weekend	February 25 / 26	00 - - 24 UTC	144 MHz & 432 MHz
Second weekend	March 4 / 5	00 - - 24 UTC	3.4 GHz
Third weekend	March 25 / 26	00 - - 24 UTC	2.3 GHz
Fourth weekend	April 22 / 23	00 - - 24 UTC	1.2 GHz
Fifth weekend	May 20 / 21	00 - - 24 UTC	10 GHz + up
Sixth weekend	July 15 / 16	00 - - 24 UTC	5.7 GHz

### 2. Sections and Awards

**QRP** 144MHz <100kW EIRP 432MHz <400kW EIRP 1296MHz <600kW EIRP  
but no separate QRP/QRO categories

**QRO** On 144, 432 and 1296MHz, stations with EIRP equal to or greater than stated above.

**CW/SSB** All QSOs in CW and/or SSB mode – no other modes

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

Multi-operator and QRO stations will be highlighted in the general classifications. The multiband section contains weekends 1, 2, 3, 4, 5 and 6. 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 0deg elevation Moon set.

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 normal "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 144MHz – 10GHz.

10 points for each sked QSO completed on 144MHz – 10GHz.

## 7. Multipliers

Each different call prefix is a multiplier (e.g. DL1, DL2, DL3, DK9, SM2, S51, S54, G6, KM5, W5, W6, W7, JA1, JA2, VK4, VK5, WA6, WB6, PA1, PE1, 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 each band.

Multiband score = [(Total sum of points on 144-1296MHz) +

(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, and can also win single-band awards.

## 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 - 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 14 days after the end of the last contest weekend (i.e. in the mail or e-mail by JULY 31, 2023).

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**