

# EUROPEAN EME CONTEST 2021

*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".

### 1. Contest Dates & Bands

|                |                  |               |                   |
|----------------|------------------|---------------|-------------------|
| First weekend  | January 23 / 24  | 00 - - 24 UTC | 2.3 GHz           |
| Second weekend | February 20 / 21 | 00 - - 24 UTC | 144 MHz & 432 MHz |
| Third weekend  | March 20 / 21    | 00 - - 24 UTC | 3.4 GHz           |
| Fourth weekend | April 17 / 18    | 00 - - 24 UTC | 10 GHz & up       |
| Fifth weekend  | May 15 / 16      | 00 - - 24 UTC | 1.2 GHz           |
| Sixth weekend  | June 12 / 13     | 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 used

**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. In each band/section certificates will be sent to the first 3 places.

### 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, communication via the Earth-Moon-Earth path is the only type of communication permitted by participants and stations worked.

3.3 **During Contest time**, it is not allowed to use other communications medium such as internet or packet radio, to self spot, announce CQ frequency, make skeds, exchange any QSO progress info, confirm whether the QSO was valid or not.

3.4 Spotting other stations for activity reasons, is permitted.

3.5 If stations participating in the Contest choose to use 'real time' communication outside the Earth-Moon-Earth path so as to solicit contacts for themselves, they are permitted to do so, only outside their Contest participation time. In such a case, re-entering the Contest for the remaining of their respective weekend, moon time, is not allowed.

3.6 Stations participating in the Microwave bands (1.2GHz and above) are permitted to announce their time plan of proposed band segment activity, during times when they have no moon visibility.

3.7 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, DK9, SM2, S51, S54, G6, KM5, W5, JA6, VK4, WA6, K6, PA1, PE1, etc). See example of WPX Contest rules for further details on prefix multipliers.

## 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 JUNE 27<sup>th</sup>, 2021).

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**