

## The 2 metre band

This band is heavily used throughout the world for short-range communications including the use of repeaters. It is also used for Earth-Moon-Earth communications.

The 2 m band is one of the most heavily used for amateur satellite operations, which has an exclusive and globally coordinated sub-band at 145.800 - 146 MHz

### Varna 2014

Frequency	Maximum Bandwidth	Mode	Usage
144.000 144.025	2 700 Hz	All Mode	Satellite (downlink only)
144.025 144.110	500 Hz	Telegraphy (EME)	144.050 Telegraphy calling 144.100 Random MS
144.110 144.150	500 Hz	Telegraphy & MGM	144.110 - 144-160 EME MGM 144.138 PSK31 centre of activity
144.150 144.180	2 700 Hz	Telegraphy, MGM & SSB	144.160 - 144.180 alternative MGM allocation 144.170 alternative MGM calling frequency
144.180 144.360	2 700 Hz	Telegraphy & SSB	144.195 - 144.205 Random MS SSB 144.300 SSB centre of activity
144.360 144.399	2 700 Hz	Telegraphy, MGM & SSB	144.370 FSK441 Random calling
144.399 144.491	500 Hz	Telegraphy & MGM	Beacons only 144.4920 +/- 500 Hz WSPR Beacons
144.500  144.794	20 kHz	All Mode	144.500 Image mode centre (SSTV, Fax) 144.600 Data Centre of activity (MGM, RTTY,..) 144.750 ATV Talk back
144.794 144.9625	12 kHz	MGM Digital communication	144.800 APRS 144.8125 DV internet voice gateway 144.8250 DV internet voice gateway 144.8375 DV internet voice gateway 144.8500 DV internet voice gateway 144.8625 DV internet voice gateway

144.975 145.194	12 kHz	FM / Digital Voice	Repeater input exclusive
145.194 145.206	12 kHz	FM / Digital Voice	Space communication
145.206   145.5625	12 kHz	FM / Digital Voice	145.2375 FM Internet Voice Gateway 145.2875 FM Internet Voice Gateway 145.3375 FM Internet Voice Gateway 145.375 digital voice calling 145.500 FM calling
145.575 145.7935	12 kHz	FM / Digital Voice	Repeater Output exclusive
145.794 145.806	12 kHz	FM / Digital Voice	Space communication
145.806 146.000	12 kHz	All Mode	Satellite exclusive

Please see the IARU Region-1 VHF Handbook for details