

BRU19 occupied bandwidth and emission designator

The BRU19 uses digital data GMSK FM modulation with $B \cdot T = 0.3$ and 8000 Bit/s at a nominal deviation of ± 2.0 KHz. Using formula [1]

$$OCB = 2 * (B/2 + D \cdot K) \quad [1]$$

B	Bitrate, 8000 Bit/s
D	Deviation $\pm 2000 \pm 100$ Hz
K	1 assumed

results in an emission designator

12K2F1D

Measurement with random data is provided in diagrams 1 (4) and 3 (4) of test report enclosure 3.1.