

ELTA North America Request for FCC Experimental License

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Modulating Signal Description

The ELTA EL/M-2112 radar is a linear FM CW radar that operates in the 10250 to 10500 MHz frequency band. The frequency deviation is 25 MHz. The emission characteristics were measured as shown in Table 1.

Table 1 – Emission Characteristic Measurement

Emission Level, dBc	Bandwidth, MHz
-3	7.5
-20	8
-40	13
-60	45
Occupied bandwidth	10