

ELTA North America Request for FCC Experimental License

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Modulating Signal Description

The ELTA EL/M-2114 radar is a linear FMCW radar that operates in the 24000 to 24250 MHz frequency band. The instantaneous bandwidth is up to 40 MHz. The emission characteristics were measured as shown in Table 1.

Table 1 – Emission Characteristic Measurement

Emission Level, dBc	Bandwidth , MHz
-3	41
-20	43
-40	50
-60	NA
Occupied bandwidth	40