

ELTA North America Request for FCC Experimental License

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Modulating Signal Description

The ELTA ELM- 2112FP radar is a linear FM CW radar that operates in the 1265 to 1300 MHz frequency band. The frequency deviation is 30 MHz. The emission characteristics were measured as shown in Table 1.

Table 1 – Emission Characteristic Measurement

| Emission Level, dBc | Bandwidth , MHz |
|----------------------------|----------------------------|
| -3 | 30 |
| -20 | 32 |
| -40 | 35 |
| -60 | NA |
| Occupied bandwidth | 30 |