

Elbit Systems of America Request for FCC Experimental License

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Modulating Signal Description

The Elbit FOPEN radar is a foliage penetration radar that operates between 615 MHz and 765 MHz. The modulating signal is a linear frequency modulation pulse with the characteristics shown in Table 1.

Table 1 – Pulse Characteristics

Pulse repetition frequency	32	kHz
Pulse width	0.4-2	μ s
Pulse rise/fall time	1	μ s
Frequency deviation	150	MHz