

Elbit Systems of America Request for FCC Experimental License

Form 442 File Number: 0211-EX-CN-2017

Form 442 Confirmation Number: EL645154

31 March 2017

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	μs
Pulse rise/fall time	1	μs
Frequency deviation	150	MHz