

Exhibit 1

Capstone Technical Information

The Capstone transmit system

Manufacturer: Aethercomm <<http://www.aethercomm.com/>>

Model Number: SSPA 0.020-0.520-125

Number of units in Configuration : 8

Max ERP = $10\log(125W \times 8) + 10\log(8) + 2 \text{ dB element gain} = 41 \text{ dBW}$

Operational BW: 425 – 450 GHz

Inst BW: 15 MHz

Classification: Unclassified

The emissions designator would be F3N

A frequency modulated signal; a single channel with modulated subcarrier; containing no real information.