



**EXHIBIT 2
DIRECTIONAL ANTENNA INFORMATION**

	OneWeb Antenna	Penn Horn Antenna
Photo		
Dimensions	20" x 18" x 4"	8" x 2.98" x 3.88"
Locations	Tripod Van	Tripod Van
Frequencies	14 – 14.5 GHz	10 – 15 GHz
Gain	34dBi (at 14.5GHz) (passive)	20 dBi
Output Power	5W	0.1 W
ERP	2.2 kW (20M0D1D) 3.6 kW (0H00N0N) This antenna will operate in two configurations using different emission designators and power levels.	6 W
Width of Beam at Half Power Point	2.5° – 5.0°	16.5° – 19.5°
Orientation in horizontal plane (degrees from True North)	53°	30°
Orientation in vertical plane (degrees from horizontal)	53°	30°