



**EXHIBIT 2
DIRECTIONAL ANTENNA INFORMATION**

	HGA-4000 High-Gain Antenna	LGA-4000 Low-Gain Antenna
Photo	 <p><i>HGA-4000</i></p>	 <p><i>LGA-4000</i></p>
Dimensions	13.0" x 5.5" x 3.0"	10.7" x 5.5" x 3.35"
Mounting	Manned aircraft	Manned aircraft
Quantity	1	1
Station type	mobile	mobile
Frequencies	1616-1626.5 MHz	1616-1626.5 MHz
Width of beam at half power point	90°	360°
Orientation in horizontal plane (degrees from True North)	omni-directional, steerable beam covering the full hemisphere (0-360° azimuth)	
Orientation in vertical plane (degrees from horizontal)	omni-directional, steerable beam covering the full hemisphere (8-90° elevation)	

Transmitter:
IRT-4000 Satellite Data Unit

