

EXHIBIT B

EARTH STATION INFORMATION

Because all antennas will be communicating with Kepler’s NGSO network, they will track across an azimuth range of 0 – 360° and elevation between 10 – 90°.

Table 1: Description of the earth station to be installed on site.

Address	Latitude	Longitude	Manufacturer	Model	Quantity	Peak Gain (dBi)	HPBW (°)	Diameter (m)
4400 S Sam Houston Pkwy E, Houston, TX 77048, USA	29°35'55.4"N (29.598711)	95°20'48.4"W (-95.346786)	C-Com	FLY-981	1	41.2 @ 14.3 GHz	1.50	0.98
			Kymeta Corporation	TRM-U7H series	1	32.5 @ 14.5 GHz	2.07	0.7
			Intellian	v65	1	37.7 @ 14.125 GHz	2.29	0.65

Table 2: Power Characteristics

System	Input Power (W)		Bandwidth (MHz)		EIRP Spectral Density (dBW/Hz)	
	Max	Min	Max	Min	Max ¹	Min ²
C-Com FLY-981	8	2.75	125	40	-25.79	-35.38
Kymeta u7	16	4	125	40	-31.48	-42.45
Intellian v65	8	2.75	125	40	-29.29	-38.88

¹ Calculated using maximum input power and minimum bandwidth.

² Calculated using minimum input power and maximum bandwidth.