

## Exhibit A

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<b>Antenna location</b>	
LONGITUDE (deg, min, sec- <i>NAD 83</i> )	-96° 49' 54.789"
LATITUDE (deg, min, sec- <i>NAD 83</i> )	33° 4' 29.8884"
ANTENNA HEIGHT IN METERS:	2
GROUND ELEVATION( AMSL)	196 m
ANTENNA LOCATION:           GROUND:	
ROOF (Meters)	
BUILDING HEIGHT (Meters)	

<b>Antenna Characteristics (size &amp; gain)</b>	
SIZE	1.8 m
TX GAIN	46.2 dBi
RX GAIN	44.7 dBi
ANTENNA MODEL	1.8MKU
ANTENNA MANUFACTURER	Skyware Global

MAXIMUM HPA POWER	13.8
TOTAL EIRP FOR ALL CARRIERS	60

SATELLITES ARC TO COORDINATE	93.10 W
SATELLITES DESIRED:	G-25

UPLINK FREQUENCIES:	(14063 – 14117)
DOWNLINK FREQUENCIES:	(11763 – 11817)

<b>Uplink carrier parameters</b>			
TYPE OF SERVICE (broadcast data TTC)	<b>Data</b>	<b>Data</b>	
DATA RATE(S):	3.0 Mbps	8.0 Mbps	
MODULATION:	8PSK	8PSK	
POLARIZATION	H	H	
FORWARD ERROR CODING RATE:	2/3	2/3	
OCCUPIED BANDWIDTH	1.770 MHz	4.257 MHz	
UPLINK EIRP PER CARRIER	54.0 dBW	56.7 dBW	

<b>Downlink Carrier Parameters</b>			
TYPE OF SERVICE (broadcast data TTC)	<b>Data</b>	<b>Data</b>	
DATA RATE(S):	8.0 Mbps	3.0 Mbps	
POLARIZATION:	V	V	
MODULATION:	8PSK	8PSK	
OCCUPIED BANDWIDTH	4.257 MHz	1.770 MHz	