

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)
FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier:	Blanket_1.05m 20W UserTerminal	E5: Call Sign:	
E2: Contact Name:	Telesat Network Operation Centre	E6: Phone Number:	1-888-662-8728
E3: Street:		E7: City:	
E4: State:		E8: County:	
		E9: Zip Code:	
E10: Area of Operation:	CONUS, Hawaii, Alaska, Puerto Rico, US Virgin Islands, and all US territories		
E11: Latitude:	0° 0' 0"		
E12: Longitude:	0° 0' 0"		
E13: Lat/Lon Coordinates are:			
E14: Site Elevation (AMSL):	0		

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.	N/A
If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	No
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	Yes

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
1.05m 20W User Terminal	18800 19300	R	null	500MD7W	0	0

E50. Modulation and Services

QPSK,8PSK,16APSK,32APSK,64APSK, Data

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
1.05m 20W User Terminal	19700 20200	R	null	500MD7W	0	0

E50. Modulation and Services

QPSK,8PSK,16APSK,32APSK,64APSK, Data

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
1.05m 20W User Terminal	28350 29100	T	null	7M81D7W	45.93	13.0240896

E50. Modulation and Services

QPSK,8PSK,16APSK,32APSK,64APSK, Data

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
1.05m	29500	T	null	7M81D7W	45.93	13.0240896

20W User Terminal	30000					
E50. Modulation and Services						
QPSK,8PSK,16APSK,32APSK,64APSK, Data						

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
1.05m 20W User Terminal	Non-Geostationary	18300 18600	0 / 0	0 / 360	20 / 20	-999

1.05m 20W User TerminalNon-Geostationary18800
 193000 / 00 / 36020 / 20-9991.05m 20W User TerminalNon-Geostationary19700
 202000 / 00 / 36020 / 20-9991.05m 20W User TerminalNon-Geostationary28350
 291000 / 00 / 36020 / 20-38.21.05m 20W User TerminalNon-Geostationary29500
 300000 / 00 / 36020 / 20-38.2

REMOTE CONTROL POINT LOCATION

E61. Call Sign: Telesat Network Operation Centre		E65. Phone Number: 1-888-662-8728	
E62. Street Address: 98 Rue Lois			
E63. City: Gatineau	E67. County:	E64/68. State/Country: undefined / undefined	E66. Zip Code: J8Y 3R7

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