



PUBLIC NOTICE

Federal Communications Commission
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Report No. SPB-287

DA 21-558
Released: May 12, 2021

REQUEST FOR COORDINATION OF CANADIAN EARTH STATIONS WITH USA TERRESTRIAL FIXED STATIONS

Comment Date: June 11, 2021

The government of Canada has requested frequency coordination for the following Canadian earth stations operating in the 3700-4200 MHz and 5925-6425 MHz frequency bands. Interested parties may file comments regarding this request no later than June 11, 2021. If no adverse comments are received by that date, these earth stations will be considered satisfactorily coordinated with the USA and Canada will be so advised.

In accordance with Section 1.51(c) of the Commission's rules, an original and four copies of all pleadings must be filed with the Secretary at the above address. All correspondence concerning this matter must reference this public notice using "Report No. SPB-287".

For further information, contact Towanda Bryant, Satellite Division, International Bureau, (202) 418-7245 or Towanda.Bryant@fcc.gov.

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED EARTH STATION
SHARED BANDS

License #: 010836795-001
Location: Notre-Dame-du-Mont-Carmel, QC
Coordinates: 46N2931 072W396
Ground Height (AMSL)/Antenna Height (AGL): 178.00 m / 5.00 m
Antenna Diameter: 4.10 m
Antenna Azimuth/Elevation Angle: 176.35 deg / 36.50 deg
TX Antenna Gain / TX Polarity: 60.15 dBi / Co-channel dual polarization
RX Antenna Gain / RX Polarity: 56.69 dBi / Co-channel dual polarization
Satellite Operating Arc: 69.90 deg W
Satellite transmission VIA: UK-KA-1
Date Effective: April 1, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
27850.00000 MHz	464MG1DDT	74.85 dBW	-71.50 dBW/Hz
28350.00000 MHz	464MG1DDT	74.85 dBW	-71.50 dBW/Hz
28850.00000 MHz	464MG1DDT	74.85 dBW	-71.50 dBW/Hz
29750.00000 MHz	464MG1DDT	74.85 dBW	-71.50 dBW/Hz

RX Frequency:	RX Emission(s):
18675.00000 MHz	80M0G1DDT
19050.00000 MHz	160MG1DDT
19950.00000 MHz	160MG1DDT

SERVICE: SATELLITE EARTH STATION,
SHARED BANDS

CLASS OF STATION: FIXED EARTH STATION

License #: 010806357-001
Location: Smithville, ON
Coordinates: 43N64 079W3223
Ground Height (AMSL)/Antenna Height (AGL): 191.00 m / 5.00 m
Antenna Diameter: 5.00 m
Antenna Azimuth/Elevation Angle: 212.42 deg / 34.94 deg
TX Antenna Gain / TX Polarity: 45.90 dBi / Linear
RX Antenna Gain / RX Polarity: 42.00 dBi / Linear
Satellite Operating Arc: 103.00 deg W
Satellite transmission VIA: USASAT-35H
Date Effective: July 1, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6045.00000 MHz	35M0A7WET	72.90 dBW	-12.43 dBW/Hz
RX Frequency:	RX Emission(s):		
3820.00000 MHz	35M0A7WET		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED EARTH STATION
 SHARED BANDS

License #: 010852500-001
 Location: Principale, Labrieville, QC
 Coordinates: 49N2040 069W3450
 Ground Height (AMSL)/Antenna Height (AGL): 166.00 m / 2.20 m
 Antenna Diameter: 2.40 m
 Antenna Azimuth/Elevation Angle: 225.55 deg / 23.03 deg
 TX Antenna Gain / TX Polarity: 42.25 dBi / Horizontal
 RX Antenna Gain / RX Polarity: 37.56 dBi / Vertical
 Satellite Operating Arc: 107.30 deg W
 Satellite transmission VIA: ANIK F1
 Date Effective: July 13, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6392.36600 MHz	2M02G1D--	54.10 dBW	-51.20 dBW/Hz
RX Frequency:	RX Emission(s):		
3726.25800 MHz	3M34G1D--		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED EARTH STATION
SHARED BANDS

License #: 010000913-003
Location: Allan Park, ON
Coordinates: 44N1026 080W5611
Ground Height (AMSL)/Antenna Height (AGL): 285.00 m / 6.00 m
Antenna Diameter: 7.30 m
Antenna Azimuth/Elevation Angle: 215.42 deg / 32.68 deg
TX Antenna Gain / TX Polarity: 51.90 dBi / Horizontal
RX Antenna Gain / RX Polarity: 47.90 dBi / Vertical
Satellite Operating Arc: 107.30 deg W
Satellite transmission VIA: ANIK E-A
Date Effective: January 1, 2021

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6085.00000 MHz	33M1D1D--	70.20 dBW	-56.90 dBW/Hz
6116.00000 MHz	17M1D1D--	62.00 dBW	-62.20 dBW/Hz
6142.50000 MHz	787KD1D--	48.50 dBW	-62.40 dBW/Hz
6198.70000 MHz	1M57D1D--	51.50 dBW	-62.40 dBW/Hz
6203.06500 MHz	3M37G1D--	57.20 dBW	-60.00 dBW/Hz
6214.00000 MHz	17M1D1D--	62.00 dBW	-62.20 dBW/Hz
6245.00000 MHz	28M3G7W--	73.00 dBW	-37.00 dBW/Hz
6325.00000 MHz	36M0G7W	72.50 dBW	-53.90 dBW/Hz

RX Frequency:	RX Emission(s):
3891.00000 MHz	7M77D1D--
3911.75500 MHz	387KG1D--
3914.51300 MHz	4M12D1D--
3917.50000 MHz	787KD1D--
3931.97000 MHz	100KG1D--
3971.00000 MHz	12M9G1D--
3973.70000 MHz	1M57D1D--
3974.95000 MHz	386KD1D--
3975.66500 MHz	750KD1D--
3989.00000 MHz	12M9G1D—

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED EARTH STATION
 SHARED BANDS

License #: 010000849-004
 Location: Allan Park, ON
 Coordinates: 44N1025 080W5610
 Ground Height (AMSL)/Antenna Height (AGL): 285.00 m / 4.50 m
 Antenna Diameter: 7.30 m
 Antenna Azimuth/Elevation Angle: 219.83 deg / 30.87 deg
 TX Antenna Gain / TX Polarity: 51.60 dBi / Horizontal
 RX Antenna Gain / RX Polarity: 47.70 dBi / Vertical, Horizontal
 Satellite Operating Arc: 111.10 deg W
 Satellite transmission VIA: ANIK E-B
 Date Effective: January 1, 2021

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5948.35000 MHz	2M00G1D--	51.90 dBW	-62.70 dBW/Hz
6156.77650 MHz	1M79G1D--	50.00 dBW	-64.10 dBW/Hz
6263.00400 MHz	64K0G1D--	39.70 dBW	-60.00 dBW/Hz
6347.68500 MHz	64K0G1D--	38.70 dBW	-61.00 dBW/Hz
6360.40000 MHz	637KG1D--	48.20 dBW	-61.50 dBW/Hz
6361.18150 MHz	42K7G1D--	38.40 dBW	-59.50 dBW/Hz

RX Frequency:	RX Emission(s):
3732.61620 MHz	992KG1D--
4094.77870 MHz	1M32D1D--
4122.58500 MHz	64K0G1D--
4135.40000 MHz	637KG1D--
4136.24650 MHz	42K7G1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED EARTH STATION
SHARED BANDS

License #: 010001333-002
Location: Whitehore, YT
Coordinates: 60N4349 135W0342
Ground Height (AMSL)/Antenna Height (AGL): 640.00 m / 6.00 m
Antenna Diameter: 2.40 m
Antenna Azimuth/Elevation Angle: 148.89 deg / 17.34 deg
TX Antenna Gain / TX Polarity: 42.00 dBi / Horizontal
RX Antenna Gain / RX Polarity:
Satellite Operating Arc: 107.30 deg W
Satellite transmission VIA: ANIK E-A
Date Effective: November 08, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5947.05000 MHz	40K0G1EDN	36.50 dBW	-51.50 dBW/Hz

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED EARTH STATION
SHARED BANDS

License #: 010001183-002
Location: Mississauga, ON
Coordinates: 43N3107 079W3926
Ground Height (AMSL)/Antenna Height (AGL): 150.00 m / 4.00 m
Antenna Diameter: 4.60 m
Antenna Azimuth/Elevation Angle: 217.27 deg / 32.66 deg
TX Antenna Gain / TX Polarity: 48.40 dBi / Horizontal
RX Antenna Gain / RX Polarity:
Satellite Operating Arc: 107.30 deg W
Satellite transmission VIA: ANIK E-A
Date Effective: April 1, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6173.50000 MHz	17M6G7WWF	62.40 dBW	-57.65 dBW/Hz

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