**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, CLASS OF STATION: FIXED EARTH STATION

SHARED BANDS

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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