



PUBLIC NOTICE

Federal Communications Commission
445 12th St., S.W.
Washington, D.C. 20554

News Media Information 202 / 418-0500
Internet: <https://www.fcc.gov>
TTY: 1-888-835-5322

Report No. SPB-283

Released: August 17, 2020

Request for Coordination of Canadian Earth Stations with USA Terrestrial Fixed Stations

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 September 16, 2020. 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-283".

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 #: 010000849 003
Location: Allan Park ON
Coordinates: 44N1025 080W5610
Ground Height (AMSL)/Antenna Height (AGL): 285.00m / 4.50m
Antenna Diameter: 7.30m
Antenna Azimuth/Elevation Angle: 219.85 deg / 30.88 deg
TX Antenna Gain / TX Polarity: 51.60 dBi / Horizontal
RX Antenna Gain / RX Polarity: 47.70 dBi / Vertical
Satellite Operating Arc: 111.10 deg
Satellite transmission VIA: ANIK E-B
Date Effective: October 10, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5,948.35000 MHz	2M00G1D--	51.90 dBW	-62.7 dB(W/Hz)
6,156.77650 MHz	1M79G1D--	50.00 dBW	-64.1 dB(W/Hz)
6,263.00400 MHz	64K0G1D--	39.70 dBW	-60.0 dB(W/Hz)
6,347.68500 MHz	64K0G1D--	38.70 dBW	-61.0 dB(W/Hz)
6,361.18150 MHz	42K7G1D--	38.40 dBW	-59.5 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,732.61620 MHz	992KG1D--
4,094.77870 MHz	1M32D1D--
4,122.58500 MHz	64K0G1D--
4,136.24650 MHz	42K7G1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000915 002
Location: Montreal QC
Coordinates: 45N3121 073W3301
Ground Height (AMSL)/Antenna Height (AGL): 17.00m / 6.40m
Antenna Diameter: 7.30m
Antenna Azimuth/Elevation Angle: 234.66 deg / 21.54 deg
TX Antenna Gain / TX Polarity: 51.10 dBi / Horizontal
RX Antenna Gain / RX Polarity: 47.20 dBi / Vertical
Satellite Operating Arc: -118.70 deg
Satellite transmission VIA: ANIK E-D
Date Effective: October 28, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,350.26700 MHz	4M95D1D--	56.80 dBW	-61.20 dB(W/Hz)
6,362.28900 MHz	3M36D1D--	57.40 dBW	-59.00 dB(W/Hz)

RX Frequency:	RX Emission(s):
4,131.8020 MHz	4M95D1D--
4,141.7300 MHz	3M36D1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000891 002
Location: Montreal QC
Coordinates: 45N3121 073W3301
Ground Height (AMSL)/Antenna Height (AGL): 18.00 m / 4.50 m
Antenna Diameter: 7.30m
Antenna Azimuth/Elevation Angle: 227.16 deg / 25.94 deg
TX Antenna Gain / TX Polarity: 51.10 dBi / Horizontal
RX Antenna Gain / RX Polarity: 47.20 dBi / Vertical
Satellite Operating Arc: -111.10
Satellite transmission VIA: ANIK E-B
Date Effective: November 1, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5,951.68800 MHz	805KG1D--	51.50 dBW	-58.7 dB(W/Hz)
5,967.51000 MHz	756KD1D--	52.80 dBW	-57.1 dB(W/Hz)
5,973.28100 MHz	713KG1D--	49.20 dBW	-60.5 dB(W/Hz)
5,975.14500 MHz	686KD1D--	51.90 dBW	-57.6 dB(W/Hz)
5,978.03000 MHz	3M53D1D--	58.30 dBW	-58.3 dB(W/Hz)
5,997.01900 MHz	85K3G1D--	40.30 dBW	-60.1 dB(W/Hz)
5,997.89500 MHz	37K3G1D--	36.70 dBW	-60.1 dB(W/Hz)
5,998.03700 MHz	37K3G1D--	36.70 dBW	-60.1 dB(W/Hz)
5,998.14750 MHz	37K3G1D--	36.70 dBW	-60.1 dB(W/Hz)
5,998.36750 MHz	37K3G1D--	36.70 dBW	-60.1 dB(W/Hz)
6,013.51800 MHz	8M27D1D--	61.00 dBW	-59.3 dB(W/Hz)
6,045.00000 MHz	30M4D1D--	70.50 dBW	-55.4 dB(W/Hz)
6,282.44700 MHz	6M67G1D--	57.40 dBW	-61.9 dB(W/Hz)
6,347.24300 MHz	82K8G1D--	43.60 dBW	-56.7 dB(W/Hz)
6,350.59850 MHz	44K8G1D--	39.00 dBW	-58.6 dB(W/Hz)
6,360.81650 MHz	12M5D1D--	60.00 dBW	-62.1 dB(W/Hz)
6,361.53000 MHz	37K3G1D--	37.70 dBW	-59.1 dB(W/Hz)
6,370.53530 MHz	3M75D1D--	56.00 dBW	-60.8 dB(W/Hz)
6,421.35550 MHz	2M86G1D--	53.40 dBW	-62.3 dB(W/Hz)

RX Frequency:

RX Emission(s):

3,725.78800 MHz	300KG1D--
3,729.73800 MHz	570KD1D--
3,743.53000 MHz	756KD1D--
3,748.68500 MHz	1M46D1D--
3,756.13200 MHz	1M06G1D--
3,757.33800 MHz	727KD1D--
3,758.77000 MHz	727KG1D--
3,760.70600 MHz	686KD1D--
3,764.65700 MHz	4M54G1D--
3,772.76450 MHz	235KG1D--
4,057.44700 MHz	6M66G1D--
4,122.09300 MHz	135KG1D--
4,125.53350 MHz	44K8G1D—
4,125.53350 MHz	44K8G1D--
4,126.82950 MHz	1M50D1D--
4,135.81650 MHz	12M5G1D--
4,136.47000 MHz	37K3D1D--
4,150.07500 MHz	640KD1D--
4,154.31500 MHz	6M14D1D--
4,193.10600 MHz	2M85G1D—

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000943 002
Location: Vancouver BC
Coordinates: 49N1610 123W0537
Ground Height (AMSL)/Antenna Height (AGL): 6.00m / 5.00m
Antenna Diameter: 3.80m
Antenna Azimuth/Elevation Angle: 164.34 deg / 32.33 deg
TX Antenna Gain / TX Polarity: 45.70 dBi / Horizontal
RX Antenna Gain / RX Polarity: 42.00 dBi / Vertical
Satellite Operating Arc: -110.10
Satellite transmission VIA: ANIK E-B
Date Effective: September 9, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,110.26250 MHz	4M70G1D--	62.70 dBW	-49.7 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,889.52250 MHz	1M16G1D--
3,891.51750 MHz	1M16G1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010815290 001
Location: Cantley, QC
Coordinates: 45N357 075W4831
Ground Height (AMSL)/Antenna Height (AGL): 278.00 m / 8.80 m
Antenna Diameter: 2.40 m
Antenna Azimuth/Elevation Angle: 117.59 deg / 16.06 deg
TX Antenna Gain / TX Polarity: 42.20 dBi / Circular right
RX Antenna Gain / RX Polarity: 38.00 dBi / Circular left
Satellite Operating Arc: -22.00 deg
Satellite transmission VIA: NSS-16
Date Effective: September 20, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,261.54730 MHz	200KG7W	42.30	-52.91 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,036.44910 MHz	200KG7W		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000849 003
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: 219.85 deg / 30.88 deg
TX Antenna Gain / TX Polarity: 51.60 dBi / Horizontal
RX Antenna Gain / RX Polarity: 47.70 dBi / Vertical
Satellite Operating Arc: -111.10 deg
Satellite transmission VIA: ANIK E-B
Date Effective: October 10, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5,948.35000 MHz	2M00G1D--	51.90	-62.7 dB(W/Hz)
6,156.77650 MHz	1M79G1D--	50.00	-64.1 dB(W/Hz)
6,263.00400 MHz	64K0G1D--	39.70	-60 dB(W/Hz)
6,347.68500 MHz	64K0G1D--	38.70	-61 dB(W/Hz)
6,361.18150 MHz	42K7G1D--	38.40	-59.5 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,732.61620 MHz	992KG1D--
4,094.77870 MHz	1M32D1D--
4,122.58500 MHz	64K0G1D--
4,136.24650 MHz	42K7G1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000929 003
Location: Toronto ON
Coordinates: 43N3910 079W1927
Ground Height (AMSL)/Antenna Height (AGL): 80.00 m / 3.25 m
Antenna Diameter: 4.50 m
Antenna Azimuth/Elevation Angle: 221.93 deg / 30.48 deg
TX Antenna Gain / TX Polarity: 47.10 dBi / Horizontal
RX Antenna Gain / RX Polarity: 43.10 dBi / Horizontal
Satellite Operating Arc: -110.10 deg
Satellite transmission VIA: ANIK E-B
Date Effective: October 10, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,179.75500 MHz	3M93G1D--	55.40 dBW	-57.6 dB(W/Hz)
6,360.40000 MHz	637KG1D--	45.20 dBW	-60 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,954.75500 MHz	4M63G1D--
4,135.40000 MHz	1M28G1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010001077 002
Location: Baie Comeau, QC
Coordinates: 49N1340 068W1121
Ground Height (AMSL)/Antenna Height (AGL): 73.00 m / 6.00 m
Antenna Diameter: 3.80 m
Antenna Azimuth/Elevation Angle: 227.03 deg / 22.42 deg
TX Antenna Gain / TX Polarity: 46.50 dBi / Horizontal
RX Antenna Gain / RX Polarity: 42.00 dBi / Vertical
Satellite Operating Arc: -107.30
Satellite transmission VIA: ANIK E-A
Date Effective: October 21, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5,951.25800 MHz	2M73G1D--	59.00	-51.90 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,167.36600 MHz	2M02G1D--		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010001107 002
Location: L'Île-d'Anticosti QC
Coordinates: 49N4847 064W2024
Ground Height (AMSL)/Antenna Height (AGL): 1.00 m / 2.30 m
Antenna Diameter: 3.80 m
Antenna Azimuth/Elevation Angle: 230.64 deg / 20.02 deg
TX Antenna Gain / TX Polarity: 46.50 dBi / Horizontal
RX Antenna Gain / RX Polarity: 42.00 dBi / Vertical
Satellite Operating Arc: -107.30
Satellite transmission VIA: ANIK E-A
Date Effective: October 21, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,392.36600 MHz	2M02G1D--	55.50	-54.10 dB(W/Hz)
RX Frequency:	RX Emission(s):		
3,726.25800 MHz	2M73G1D--		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000915 002
Location: Montréal QC
Coordinates: 45N3121 073W3301
Ground Height (AMSL)/Antenna Height (AGL): 17.00 m / 6.40 m
Antenna Diameter: 7.30 m
Antenna Azimuth/Elevation Angle: 234.63 deg / 21.53 deg
TX Antenna Gain / TX Polarity: 51.10 dBi / Horizontal
RX Antenna Gain / RX Polarity: 47.20 dBi / Vertical
Satellite Operating Arc: -118.70
Satellite transmission VIA: ANNIK E-D
Date Effective: October 28, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,350.26700 MHz	4M95D1D--	56.80	-61.2 dB(W/Hz)
6,362.28900 MHz	3M36D1D--	57.40	-59.0 dB(W/Hz)

RX Frequency:	RX Emission(s):
4,131.80200 MHz	4M95D1D--
4,141.73000 MHz	3M36D1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010833382 001
Location: Îles-de-la-Madeleine QC
Coordinates: 47N2247 061W5139
Ground Height (AMSL)/Antenna Height (AGL): 5.00 m / 2.20 m
Antenna Diameter: 2.40 m
Antenna Azimuth/Elevation Angle: 237.61 deg / 17.98 deg
TX Antenna Gain / TX Polarity: 42.00 dBi / Horizontal
RX Antenna Gain / RX Polarity: 38.00 dBi / Vertical
Satellite Operating Arc: -110.10
Satellite transmission VIA: ANIK E-B
Date Effective: December 16, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,378.89600 MHz	7M37D1D--	60.50	-50.20 dB(W/Hz)
RX Frequency:	RX Emission(s):		
3,820.00000 MHz	33M0G1D--		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #:	010828959 001
Location:	Fraser Valley BC
Coordinates:	49N1316 121W3710
Ground Height (AMSL)/Antenna Height (AGL):	656.00 m / 3.00 m
Antenna Diameter:	2.40 m
Antenna Azimuth/Elevation Angle:	166.22 deg / 32.64 deg
TX Antenna Gain / TX Polarity:	42.00 dBi / Horizontal
RX Antenna Gain / RX Polarity:	38.00 dBi / Vertical
Satellite Operating Arc:	-111.10
Satellite transmission VIA:	ANIK F2
Date Effective:	December 17, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,302.83000 MHz	340KG1WCT	49.00 dBw	-49.00 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,077.30500 MHz	1M35G1WCT		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010829583 001
Location: Mission BC
Coordinates: 49N1143 122W2426
Ground Height (AMSL)/Antenna Height (AGL): 48.00 m / 3.00 m
Antenna Diameter: 2.40m
Antenna Azimuth/Elevation Angle: 165.20 deg / 32.53 deg
TX Antenna Gain / TX Polarity: 42.00 dBi / Horizontal
RX Antenna Gain / RX Polarity: 38.00 dBi / Vertical
Satellite Operating Arc: -111.10
Satellite transmission VIA: ANIK F2
Date Effective: November 11, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,302.83000 MHz	340KG1WCT	49.00 dBW	-49.00 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,076.30500 MHz	1M35G1WCT		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000109 002
Location: Old Crow YT
Coordinates: 67N343 139W5044
Ground Height (AMSL)/Antenna Height (AGL): 230.00 m / 9.00 m
Antenna Diameter: 7.60 m
Antenna Azimuth/Elevation Angle: 149.30 deg / 11.02 deg
TX Antenna Gain / TX Polarity: 52.70 dBi / Vertical
RX Antenna Gain / RX Polarity: 48.89 dBi / Horizontal
Satellite Operating Arc: -111.10
Satellite transmission VIA: ANIK E-B
Date Effective: January 14, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,028.56000 MHz	1M80G1D--	58.10	-57.2 dB(W/Hz)
6,041.84000 MHz	171KG1D--	44.10	-60.9 dB(W/Hz)
6,068.75000 MHz	2M08G1D--	59.30	-56.6 dB(W/Hz)
6,248.00000 MHz	833KG1D--	57.20	-54.7 dB(W/Hz)
6,266.04400 MHz	833KG1D--	57.20	-54.7 dB(W/Hz)
6,268.04600 MHz	833KG1D--	57.20	-54.7 dB(W/Hz)
6,290.95000 MHz	1M10G1D--	55.80	-57.3 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,816.60000 MHz	171KG1D--
3,831.00000 MHz	1M67D1D--
4,037.64200 MHz	114KG1D--
4,074.70000 MHz	149KG1D--
4,119.08800 MHz	7M55D1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000111 002
Location: Whitehorse YT
Coordinates: 60N4308 135W3011
Ground Height (AMSL)/Antenna Height (AGL): 638.00 m / 20.00 m
Antenna Diameter: 9.10 m
Antenna Azimuth/Elevation Angle: 153.01 deg / 18.30 deg
TX Antenna Gain / TX Polarity: 53.90 dBi / Vertical
RX Antenna Gain / RX Polarity: 50.59 dBi / Horizontal
Satellite Operating Arc: -110.10
Satellite transmission VIA: ANIK E-B
Date Effective: January 06, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,032.63500 MHz	42K7G1D--	48.90 dBW	-51.3 dB(W/Hz)
6,040.58900 MHz	128KG1D--	42.40 dBW	-62.6 dB(W/Hz)
6,041.01300 MHz	37K3G1D--	38.60 dBW	-61 dB(W/Hz)
6,041.19100 MHz	128KG1D--	42.60 dBW	-62.4 dB(W/Hz)
6,041.60000 MHz	171KG1D--	44.00 dBW	-62.2 dB(W/Hz)
6,251.53500 MHz	3M75D1D--	60.20 dBW	-59.4 dB(W/Hz)
6,287.11600 MHz	171KG1D--	43.10 dBW	-63.1 dB(W/Hz)
6,299.70000 MHz	5M34D1D-	61.40 dBW	-59.7 dB(W/Hz)
6,344.08800 MHz	22M5D1D--	68.80 dBW	-58.6 dB(W/Hz)

RX Frequency: RX Emission(s):

3,807.69500 MHz	42K7G1D--
3,815.78200 MHz	37K3G1D--
3,816.06700 MHz	37K3G1D--
3,816.38400 MHz	128KG1D--
3,816.84000 MHz	171KG1D--
4,023.00000 MHz	1M67G1D--
4,041.04400 MHz	1M67G1D--
4,043.04600 MHz	1M67G1D--
4,045.04800 MHz	1M67G1D--
4,047.05000 MHz	1M67G1D--
4,062.35000 MHz	171KG1D--
4,065.95000 MHz	1M10G1D--
4,067.44000 MHz	1M10G1D--
4,068.93000 MHz	1M10G1D--
4,070.42000 MHz	1M10G1D--
4,095.97600 MHz	3M00D1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000113 002
Location: Bob Quinn Lake BC
Coordinates: 56N5852 130W1455
Ground Height (AMSL)/Antenna Height (AGL): 611.00 m
Antenna Diameter: 4.50 m
Antenna Azimuth/Elevation Angle: 157.50 deg / 22.99 deg
TX Antenna Gain / TX Polarity: 45.70 dBi / Vertical
RX Antenna Gain / RX Polarity: 43.10 dBi / Horizontal
Satellite Operating Arc: -110.10
Satellite transmission VIA: ANIK E-B
Date Effective: January 06, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,030.81500 MHz	1M80G1D--	58.00 dBW	-50.3 dB(W/Hz)
6,292.44000 MHz	1M10G1D--	55.20 dBW	-50.9 dB(W/Hz)

RX Frequency:	RX Emission(s):
4,037.64200 MHz	114KG1D--
4,074.70000 MHz	149KG1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000107 002
Location: Fort Ware BC
Coordinates: 57N2526 125W3753
Ground Height (AMSL)/Antenna Height (AGL): 765.00 m / 3.30 m
Antenna Diameter: 4.50 m
Antenna Azimuth/Elevation Angle: 162.90 deg / 23.44 deg
TX Antenna Gain / TX Polarity: 45.70 dBi / Vertical
RX Antenna Gain / RX Polarity: 43.10 dBi / Horizontal
Satellite Operating Arc: -111.10
Satellite transmission VIA: ANIK E-B
Date Effective: January 06, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,030.81500	1M80G1D-	56.50 dBW	-51.8 dB(W/Hz)
6,041.06700	37K3G1D--	34.50 dBW	-56.9 dB(W/Hz)
6,248.00000	833KG1D--	55.70 dBW	-49.2 dB(W/Hz)
6,292.44000	1M10G1D--	54.40 dBW	-51.7 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,816.01300	37K3G1D--
4,037.64200	114KG1D--
4,074.70000	149KG1D--
4,119.08800	401KD1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010000351 002
Location: Yellowknife, NT
Coordinates: 62N2716 114W2220
Ground Height (AMSL)/Antenna Height (AGL): 176.00 m / 12.00 m
Antenna Diameter: 9.10 m
Antenna Azimuth/Elevation Angle: 176.31 deg / 13.90 deg
TX Antenna Gain / TX Polarity: 53.90 dBi / Vertical
RX Antenna Gain / RX Polarity: 50.59 dBi / Horizontal
Satellite Operating Arc: -110.10
Satellite transmission VIA: ANIK E-B
Date Effective: January 06, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,007.28000	146KG1D--	46.20 dBW	-59.4 dB(W/Hz)
6,008.06350	37K3G1D--	37.00 dBW	-62.6 dB(W/Hz)
6,008.41150	37K3G1D--	37.00 dBW	-62.6 dB(W/Hz)
6,008.52750	37K3G1D--	37.00 dBW	-62.6 dB(W/Hz)
6,032.94100	42K7G1D--	46.70 dBW	-53.5 dB(W/Hz)
6,034.06000	256KG1D--	44.30 dBW	-63.7 dB(W/Hz)
6,042.32500	128KG1D--	41.50 dBW	-63.5 dB(W/Hz)
6,287.35000	171KG1D--	41.90 dBW	-64.3 dB(W/Hz)
6,303.59700	515KD1D--	51.30 dBW	-59.7 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,782.48600	146KG1D--
3,783.12150	37K3G1D--
3,783.46950	37K3G1D--
3,783.58550	37K3G1D--
3,807.87500	42K7G1D--
3,808.67600	256KG1D--
3,817.54000	128KG1D--
4,062.11600	171KG1D--
4,081.37000	515KD1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010798354 001
Location: Whitehorse, YT
Coordinates: 60N4318 135W0504
Ground Height (AMSL)/Antenna Height (AGL): 694.00 m / 2.00 m
Antenna Diameter: 7.30 m
Antenna Azimuth/Elevation Angle: 157.15 deg / 33.84 deg
TX Antenna Gain / TX Polarity: 51.90 dBi / Vertical
RX Antenna Gain / RX Polarity: 55.59 dBi / Horizontal
Satellite Operating Arc: -114.90
Satellite transmission VIA: CANSAT-17
Date Effective: March 30, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,375.34000	5M68G2DEN	55.90 dBW	-64.26 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,154.98600	3M60G2DEN		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010001009 002
Location: Allan Park ON
Coordinates: 44N1025 080W5610
Ground Height (AMSL)/Antenna Height (AGL): 285.00m / 7.00 m
Antenna Diameter: 9.00 m
Antenna Azimuth/Elevation Angle: 219.85 deg / 30.87 deg
TX Antenna Gain / TX Polarity: 53.90 dBi / Horizontal
RX Antenna Gain / RX Polarity: 49.10 dBi / Vertical
Satellite Operating Arc: -111.10 deg
Satellite transmission VIA: CANSAT KA-4
Date Effective: February 24, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5,858.25000 MHz	2M50F7D--	74.40 dBW	-38.5 dB(W/Hz)
6,422.25000 MHz	2M50F7D--	74.40 dBW	-38.5 dB(W/Hz)

RX Frequency:	RX Emission(s):
3,701.75000 MHz	2M50M2D—
4,197.75000 MHz	2M50M2D—

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010833161 001
Location: Montcalm, QC
Coordinates: 45N5638 074W3202
Ground Height (AMSL)/Antenna Height (AGL): 210.00m / 12.00 m
Antenna Diameter: 9.00 m
Antenna Azimuth/Elevation Angle: 197.10 deg / 35.72 deg
TX Antenna Gain / TX Polarity: 53.00 dBi / Horizontal
RX Antenna Gain / RX Polarity: 50.00 dBi / Vertical
Satellite Operating Arc: -87.00 deg
Satellite transmission VIA: USASAT-24T
Date Effective: April 1, 2020

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
5,965.00000	36M0G1XET	68.30 dBW	-50.0 dB(W/Hz)
5,985.00000	36M0G1XET	68.00 dBW	-50.0 dB(W/Hz)
6,005.00000	36M0G1XET	68.70 dBW	-50.0 dB(W/Hz)
6,025.00000	36M0G1XET	68.00 dBW	-50.0 dB(W/Hz)
6,045.00000	36M7G1XET	68.70 dBW	-50.0 dB(W/Hz)
6,145.00000	36M0G1XET	68.00 dBW	-50.0 dB(W/Hz)
6,205.00000	36M0G1XET	68.00 dBW	-50.0 dB(W/Hz)
6,217.50000	21M0G1XET	63.80 dBW	-50.0 dB(W/Hz)
6,245.00000	36M0G1XET	68.00 dBW	-50.0 dB(W/Hz)
6,285.00000	36M0G1XET	68.00 dBW	-50.0 dB(W/Hz)
6,325.00000	36M0G1XET	68.00 dBW	-50.0 dB(W/Hz)
6,342.05000	4M30G1XET	57.50 dBW	-50.0 dB(W/Hz)
6,385.00000	36M0G1XET	68.60 dBW	-50.0 dB(W/Hz)

RX Frequency:	RX Emission(s):
4,009.25000	11M1G1XET
4,016.40000	3M20G1XET
4,027.25000	10M5G1XET
4,034.10000	3M20G1XET
4,041.15000	2M10G1XET
4,043.80000	3M20G1XET
4,047.50000	4M20G1XET
4,051.70000	4M20G1XET
4,055.90000	4M20G1XET
4,064.85000	5M70G1XET
4,077.60000	19M7G1XET
4,091.70000	8M40G1XET
4,096.95000	2M10G1XET
4,104.15000	4M30G1XET
4,107.00000	300KG1XET
4,108.00000	300KG1XET
4,112.75000	4M30G1XET
4,117.05000	4M30G1XET
4,124.35000	10M5G1XET
4,131.70000	4M20G1XET

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #:	010000919 002
Location:	Toronto ON
Coordinates:	43N3909 079W1926
Ground Height (AMSL)/Antenna Height (AGL):	80 m / 5.6.00 m
Antenna Diameter:	7.3 m
Antenna Azimuth/Elevation Angle:	229.93 deg / 26.22 deg
TX Antenna Gain / TX Polarity:	
RX Antenna Gain / RX Polarity:	47.8 dBi / Horizontal
Satellite Operating Arc:	N/A
Satellite transmission VIA:	ANIK E-D
Date Effective:	February 24, 2020

RX Frequency:	RX Emission(s):
3805.3500	1M50G1D