# Ka-Band Earth Station – Newcomerstown, OH Frequency Coordination Report 28 GHz



Prepared on Behalf of ViaSat, Inc.

February 27, 2021





## **Table of Contents**

1.	Summary of Results	- 8 -
2.	28 GHz Common Carrier and LTTS Coordination	- 8 -
3.	28 GHz UMFUS Coordination	- 9 -
4.	Earth Station Coordination Data	- 10 -
5.	Contact Information	- 11 -



#### 1. Summary of Results

On behalf of ViaSat. Inc., Comsearch issued coordination notice under Section 25.203(c) and Section 25.136(a)(4) of the FCC's rules for all existing and proposed terrestrial licenses within the coordination contours of their proposed Ka-Band earth station in Newcomerstown-OH, which will transmit at 28 GHz<sup>1</sup>. Prior-notification emails were sent to the licensees and a copy of the notification data is provided in section four of this report. The earth station coordination was finalized on December 17, 2020.

No objections were received from any of the incumbent 28 GHz licensees.

#### **2.** 28 GHz Common Carrier and LTTS Coordination

In accordance with FCC Rules and Regulations, the Ka-Band earth station in Newcomerstown, OH was prior-coordinated by Comsearch. A notification email, datasheet and Google Earth file showing the area around the site outside which the -77.6 dBm/m2 per MHz threshold value is not exceeded for this earth station were sent to the following 28 GHz common carrier fixed microwave licensees. These licensees are authorized to operate temporary fixed operations from 27.5 – 29.5 GHz on a nationwide basis or local basis.

Licensee	Authorized Geographic Area
AT&T	Statewide: OH
Frontier	Nationwide

A notification email, datasheet and Google Earth file showing the area around the site outside which the -77.6 dBm/m2 per MHz threshold value is not exceeded for the Ka-Band earth station in Newcomerstown, OH were also sent to the following 28 GHz local television transmission licensee. This licensee is authorized to operate temporary fixed operations from 27.5 – 29.5 GHz on a nationwide basis.

Licensee	Authorized Geographic Area
Information Super Station, LLC	Continental US

No objections were received from the common carrier or local television transmission service incumbents.

<sup>&</sup>lt;sup>1</sup> The proposed earth station will operate in the 27.5 – 29.1 GHz & 29.5 – 30.0 GHz portion of the Ka-Band.



#### **3.** 28 GHz UMFUS Coordination

Two 28 GHz UMFUS licensees were identified within the coordination distance of the proposed earth station. The proposed earth station will operate on frequencies that overlap Channel L1 & L2 of the UMFUS service. The total frequency allocation for Channels L1 & L2 of the UMFUS spectrum appears below.

Channel:	L1	27.500 - 27.925 GHz
	L2	27.925 - 28.350 GHz

Licensee	Authorized Geographic Area
T-Mobile License LLC	Market Based

No objections were received from the UMFUS incumbents within coordination distance.



#### **4.** Earth Station Coordination Data

This section presents the data pertinent to the proposed Ka-Band earth station in Newcomerstown, OH. This data was circulated to all incumbent licensees in the shared 28 GHz frequency ranges.

Administrative Information   ENGINEER PROPOSAL     Call Sign   ENGINEER PROPOSAL     Licensee Code   VIASAT     Licensee Code   VIASAT     Licensee Code   VIASAT     Licensee Name   ViaSat, Inc     Site Information   NEWCOMERSTOWN, OH     Venue Name   ViaSat, Inc     Laftude (NAD 83)   40° 15′ 16.4° N     Longitude (NAD 83)   81° 32′ 56.6° W     Climate Zone   A     Rain Zone   2     Ground Elevation (AMSL)   341.35 m / 1119.9 ft     Link Information   Geostationary     Mode   To - Transmit-Only     Modulation   Digital     Satellite Arc   78° W to 91° West Longitude     Azimuth Range   174.5° to 194.4°     Corresponding Elevation Angles   43.3° / 42.4°     Antenna Centerline (AGL)   1.2 m / 3.9 ft     Antenna Information   Transmit - VES000     Maufacturer   Vasat No.     Model   13138XX     Gain // Dianeter   52.0 dBi / 1.8 m     3-dB / 15-dB Beamwidth   0.40° / 0.80°     Maximum EIRP   (dBW/4 kHz)   9.5     (dBW/MHz)   9.5     Maximum EIRP   (dBW/4 kHz)   0.0025%     Frequency Information   Transmi	Date:		7/2020
Status     ENGINEER PROPOSAL       Call Sign     Licensee Code     VIASAT       Licensee Code     VIASAT       Licensee Name     ViaSat, Inc       Site Information     NEWCOMERSTOWN, OH       Venue Name     Latitude (NAD 83)       Latitude (NAD 83)     81* 32' 56.6° W       Climate Zone     A       Rain Zone     2       Ground Elevation (AMSL)     341.35 m / 1119.9 ft       Link Information     Geostationary       Mode     TO - Transmit-Only       Modulation     Digital       Statellite Arc     78' W to 91* West Longitude       Azimuth Range     174.5' to 194.4*       Corresponding Elevation Angles     43.3' / 42.4*       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Madel     13138XX       Gain // Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     0.95       (dBW/MHz)     3.5       Interference Objectives: <td>Job Number:</td> <td>2011</td> <td>17COMSNR37</td>	Job Number:	2011	17COMSNR37
Licensee Name ViaSAT Licensee Name ViaSAt, Inc Site Information NEWCOMERSTOWN, OH Venue Name Latitude (NAD 83) 40° 15′ 16.4° N Longitude (NAD 83) 40° 15′ 16.4° N Longitude (NAD 83) 40° 15′ 16.4° N Climate Zone A Rain Zone 2 Ground Elevation (AMSL) 341.35 m / 1119.9 ft Link Information Satellite Type Geostationary Mode TO - Transmit-Only Moduation Digital Satellite Arc 78° W to 91° West Longitude Arimuth Range 174.5° to 194.4° Corresponding Elevation Angles 43.3° / 42.4° Antenna Centerline (AGL) 1.2 m / 3.9 ft Antenna Information Transmit - VES000 Maufacturer VIASAT INC. Model 52.0 dBi / 1.8 m 3-dB / 15-dB Beamwidth 0.40° / 0.80° Max Available RF Power (dBW/4 kHz) 42.5 (dBW/MHz) 18.5 Maximum EIRP (dBW/4 kHz) 9.5 (dBW/4 kHz) 9.5 Interference Objectives: Long Term -141.0 dBW/4 kHz 20% Shot Term -118.0 dBW/4 kHz 20% Shot Term	Status		INEER PROPOSAL
Site Information     NEWCOMERSTOWN, OH       Venue Name     40° 15' 16.4° N       Longitude (NAD 83)     40° 15' 16.4° N       Longitude (NAD 83)     81° 32' 56.6° W       Climate Zone     A       Rain Zone     2       Ground Elevation (AMSL)     341.35 m / 1119.9 ft       Link Information     Geostationary       Mode     TO - Transmit-Only       Modulation     Digital       Satellite Arc     78' W to 91° West Longitude       Azimuth Range     17.4's' to 194.4°       Corresponding Elevation Angles     43.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Manufacturer     VAASTINC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Shot Term     -118.0 dBW/4 kHz	-	VIAS	AT
Venue Name       Venue Name         Latitude (NAD 83)       40° 15' 16'4" N         Longitude (NAD 83)       81° 32' 56'6" W         Climate Zone       A         Rain Zone       2         Ground Elevation (AMSL)       341.35 m / 1119.9 ft         Link Information       Geostationary         Satellite Type       Geostationary         Mode       TO - Transmit-Only         Modulation       Digital         Satellite Arc       78' W to 91° West Longitude         Azimuth Range       174.5' to 194.4*         Corresponding Elevation Angles       43.3' / 42.4*         Antenna Centerline (AGL)       1.2 m / 3.9 ft         Antenna Information       Transmit - VES000         Manufacturer       VAASTINC.         Model       13138XX         Gain / Diameter       52.0 dBi / 1.8 m         3-dB / 15-dB Beamwidth       0.40° / 0.80°         Max Available RF Power       (dBW/4 kHz)       42.5         (dBW/MHz)       -18.5         Maximum EIRP       (dBW/4 kHz)       9.5         (dBW/MHz)       33.5         Interference Objectives:       Long Term       -141.0 dBW/4 kHz <t< td=""><td>Licensee Name</td><td>ViaSa</td><td>at, Inc</td></t<>	Licensee Name	ViaSa	at, Inc
Latitude (NAD 83)     40° 15' 16.4" N       Longitude (NAD 83)     81° 32' 55.6" W       Climate Zone     A       Rain Zone     2       Ground Elevation (AMSL)     341.35 m / 1119.9 ft       Link Information     Satellite Type       Geostationary     Geostationary       Mode     TO - Transmit-Only       Modulation     Digital       Satellite Arc     76' W to 91° West Longitude       Azimuth Range     174.5° to 194.4°       Corresponding Elevation Angles     43.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Maufacturer     VIASATINC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0  <		NEW	COMERSTOWN, OH
Longitude (NAD 83) 81* 32* 56.6* W Climate Zone A Rain Zone 2 Ground Elevation (AMSL) 341.35 m / 1119.9 ft Link Information Satellite Type Geostationary Mode T0 - Transmit-Only Modulation Digital Satellite Arc 78* W to 91* West Longitude Azimuth Range 174.5* to 194.4* Corresponding Elevation Angles 43.3* / 42.4* Antenna Centerline (AGL) 1.2 m / 3.9 ft Antenna Information Transmit - VES000 Manufacturer VASAT INC. Model 13138XX Gain / Diameter 52.0 dBi / 1.8 m 3-dB / 15-dB Beamwidth 0.40* / 0.80* Max Available RF Power (dBW/4 kHz) 42.5 (dBW/MHz) -18.5 Maximum EIRP (dBW/4 kHz) 9.5 (dBW/MHz) 33.5 Interference Objectives: Long Term -118.0 dBW/4 kHz 20% Short Term -118.0 dBW/4 kHz 0.0025% Frequency Information Transmit 28.0 GHz Emission / Frequency Range (MHz) 464MG7D / 27500.0 - 29500.0		40° 1	5' 16 4" N
Climate Zone     A       Rain Zone     2       Ground Elevation (AMSL)     341.35 m / 1119.9 ft       Link Information     Geostationary       Mode     TO - Transmit-Only       Modulation     Digital       Satellite Type     Geostationary       Modulation     Digital       Satellite Arc     78° W to 91° West Longitude       Azimuth Range     174.5° to 194.4°       Corresponding Elevation Angles     3.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Manufacturer     VASAT INC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%     Frequency Information       Transmit 28.0 GHz     464MG7D / 27500.0 - 29500.0     1280.00025%			
Ground Elevation (AMSL)     341.35 m / 1119.9 ft       Link Information     Satellite Type     Geostationary       Mode     TO - Transmit-Only       Modulation     Digital       Satellite Arc     78 °W to 91° West Longitude       Azimuth Range     174.5° to 194.4°       Corresponding Elevation Angles     43.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Manufacturer     VASAT INC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0			
Link Information     Geostationary       Satellite Type     Geostationary       Mode     TO - Transmit-Only       Modulation     Digital       Satellite Arc     78° W to 91° West Longitude       Azimuth Range     174.5° to 194.4°       Corresponding Elevation Angles     43.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Manufacturer     VIASATINC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MiGTD / 27500.0 - 29500.0		2	
Satellite Type   Geostationary     Mode   TO - Transmit-Only     Modulation   Digital     Satellite Arc   78' W to 91' West Longitude     Azimuth Range   174.5' to 194.4°     Corresponding Elevation Angles   43.3' / 42.4°     Antenna Centerline (AGL)   1.2 m / 3.9 ft     Antenna Information   Transmit - VES000     Manufacturer   VASATINC.     Model   13138XX     Gain / Diameter   52.0 dBi / 1.8 m     3-dB / 15-dB Beamwidth   0.40° / 0.80°     Max Available RF Power   (dBW/4 kHz)   42.5     (dBW/MHz)   -18.5     Maximum EIRP   (dBW/4 kHz)   9.5     (dBW/MHz)   33.5     Interference Objectives:   Long Term   -141.0 dBW/4 kHz     Short Term   -118.0 dBW/4 kHz   0.0025%     Frequency Information   Transmit 28.0 GHz     Emission / Frequency Range (MHz)   464MG7D / 27500.0 - 29500.0	Ground Elevation (AMSL)	341.3	35 m / 1119.9 ft
Mode   TO - Transmit-Only     Modulation   Digital     Satellite Arc   78° W to 91° West Longitude     Azimuth Range   174.5° to 194.4°     Corresponding Elevation Angles   43.3° / 42.4°     Antenna Centerline (AGL)   1.2 m / 3.9 ft     Antenna Information   Transmit - VES000     Manufacturer   VASATINC.     Model   13138XX     Gain / Diameter   52.0 dBi / 1.8 m     3-dB / 15-dB Beamwidth   0.40° / 0.80°     Max Available RF Power   (dBW/4 kHz)     42.5   (dBW/MHz)     -18.5   48.5     Maximum EIRP   (dBW/4 kHz)     9.5   (dBW/4 kHz)     9.5   33.5     Interference Objectives:   Long Term     Short Term   -118.0 dBW/4 kHz     Prequency Information   Transmit 28.0 GHz     Emission / Frequency Range (MHz)   464MG7D / 27500.0 - 29500.0		-	
Modulation   Digital     Satellite Arc   78° W to 91° West Longitude     Azimuth Range   174.5° to 194.4°     Corresponding Elevation Angles   43.3° / 42.4°     Antenna Centerline (AGL)   1.2 m / 3.9 ft     Antenna Information   Transmit - VES000     Manufacturer   VASATINC.     Model   13138XX     Gain / Diameter   52.0 dBi / 1.8 m     3-dB / 15-dB Beanwidth   0.40° / 0.80°     Max Available RF Power   (dBW/4 kHz)   42.5     (dBW/MHz)   -18.5     Maximum EIRP   (dBW/4 kHz)   9.5     (dBW/MHz)   33.5     Interference Objectives:   Long Term   -141.0 dBW/4 kHz     Short Term   -118.0 dBW/4 kHz   0.0025%     Frequency Information   Transmit 28.0 GHz     Emission / Frequency Range (MHz)   464MG7D / 27500.0 - 29500.0			
Satellite Arc     78° W to 91° West Longitude       Azimuth Range     174.5° to 194.4°       Corresponding Elevation Angles     43.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Manufacturer     VIASAT INC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0			
Azimuth Range     174.5° to 194.4°       Corresponding Elevation Angles     43.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Manufacturer     VIASATINC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0			
Corresponding Elevation Angles     43.3° / 42.4°       Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VES000       Manufacturer     VIASAT INC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0			
Antenna Centerline (AGL)     1.2 m / 3.9 ft       Antenna Information     Transmit - VE\$000       Manufacturer     VIASATINC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0			
Manufacturer     VIASAT INC.       Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0			
Model     13138XX       Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)       42.5     (dBW/MHz)       -18.5       Maximum EIRP     (dBW/4 kHz)       9.5       33.5       Interference Objectives:     Long Term       Short Term     -141.0 dBW/4 kHz     20%       -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0	Antenna Information		Transmit - VES000
Gain / Diameter     52.0 dBi / 1.8 m       3-dB / 15-dB Beamwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz)     42.5       (dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0	Manufacturer		VIASAT INC.
3-dB / 15-dB Beanwidth     0.40° / 0.80°       Max Available RF Power     (dBW/4 kHz) (dBW/MHz)     42.5 -18.5       Maximum EIRP     (dBW/4 kHz) (dBW/MHz)     9.5 33.5       Interference Objectives:     Long Term Short Term     -141.0 dBW/4 kHz 20% -118.0 dBW/4 kHz 0.0025%       Frequency Information Emission / Frequency Range (MHz)     Transmit 28.0 GHz 464MG7D / 27500.0 - 29500.0			
Max Available RF Power     (dBW/4 kHz) (dBW/MHz)     42.5 -18.5       Maximum EIRP     (dBW/4 kHz) (dBW/MHz)     9.5 33.5       Interference Objectives:     Long Term Short Term     -141.0 dBW/4 kHz 20% -118.0 dBW/4 kHz 0.0025%       Frequency Information Emission / Frequency Range (MHz)     Transmit 28.0 GHz 464MG7D / 27500.0 - 29500.0			
(dBW/MHz)     -18.5       Maximum EIRP     (dBW/4 kHz)     9.5       (dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0	3-dB / 15-dB Beamwidth		0.40° / 0.80°
Maximum EIRP     (dBW/4 kHz) (dBW/MHz)     9.5 33.5       Interference Objectives:     Long Term Short Term     -141.0 dBW/4 kHz 20% -118.0 dBW/4 kHz 0.0025%       Frequency Information Emission / Frequency Range (MHz)     Transmit 28.0 GHz 464MG7D / 27500.0 - 29500.0			
(dBW/MHz)     33.5       Interference Objectives:     Long Term     -141.0 dBW/4 kHz     20%       Short Term     -118.0 dBW/4 kHz     0.0025%       Frequency Information     Transmit 28.0 GHz       Emission / Frequency Range (MHz)     464MG7D / 27500.0 - 29500.0	(c	dBW/MHz)	-18.5
(dBW/MHz)   33.5     Interference Objectives:   Long Term Short Term   -141.0 dBW/4 kHz 20% -118.0 dBW/4 kHz 0.0025%     Frequency Information Emission / Frequency Range (MHz)   Transmit 28.0 GHz 464MG7D / 27500.0 - 29500.0	Maximum EIRP (d	dBW/4 kHz)	95
Short Term   -118.0 dBW/4 kHz   0.0025%     Frequency Information   Transmit 28.0 GHz     Emission / Frequency Range (MHz)   464MG7D / 27500.0 - 29500.0			33.5
Short Term   -118.0 dBW/4 kHz   0.0025%     Frequency Information   Transmit 28.0 GHz     Emission / Frequency Range (MHz)   464MG7D / 27500.0 - 29500.0			
Frequency Information       Transmit 28.0 GHz         Emission / Frequency Range (MHz)       464MG7D / 27500.0 - 29500.0	Interference Objectives: Lon	ng Term	-141.0 dBW/4 kHz 20%
Emission / Frequency Range (MHz) 464MG7D / 27500.0 - 29500.0	Sho	ort Term	-118.0 dBW/4 kHz 0.0025%
Coordination Distance 3 km / 1 86 mi			
ovvinituon blaunos 3 km / 1.00 m	Coordination Distance		3 km / 1.86 mi



### 5. Contact Information

For questions or information regarding the 28 GHz Frequency Coordination Report, please contact:

Contact person:	Naveen Raghavan
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