

Site(s) Information

Site Identifier	Carlton, MN
Contact Name	Jarrett S Taubman
Phone Number	2023835050
Street	1510 County Rd. 61
City	Carlton
County	Carlton
State	3a2d5cd7dbbd22008e0b75131f961902
Zipcode	55718
Area of Operation	46 39 43.98N 092 28 29.25W
Latitude Degrees	46 °
Latitude Minutes	39 '
Latitude Seconds	43.98 "
Latitude Hemisphere	N
Longitude Degrees	92 °
Longitude Minutes	28 '
Longitude Seconds	29.25 "
Longitude Hemisphere	W
Geographic Coordinate System	NAD-83
Site Elevation (AMSL)	347.51 meters
1) If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(	Yes
2) If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the F	N/ A
3) Is Frequency Coordination required?	Yes
4) Is coordination with another country required?	No
5) Is FAA notification required?	No
Is facility operated by remote control?	No

Remote Control

Call Sign	Phone Number	Street	City	County	Zip Code	State	Country
W1234	555-1234	123 Main St	Springfield	Clark	01101	MA	USA
X5678	555-5678	456 Oak Ave	Portland	Clatsop	97131	OR	USA
Y9012	555-9012	789 Pine Rd	Seattle	King	98101	WA	USA
Z3456	555-3456	101 Elm St	San Francisco	San Francisco	94102	CA	USA
A7890	555-7890	202 Maple Dr	Los Angeles	Los Angeles	90001	CA	USA
B1234	555-1234	303 Cedar Ln	Phoenix	Maricopa	85001	AZ	USA
C5678	555-5678	404 Birch Way	Denver	Denver	80201	CO	USA
D9012	555-9012	505 Spruce Ct	Chicago	Cook	60601	IL	USA
E3456	555-3456	606 Ash Pl	New York	New York	10001	NY	USA
F7890	555-7890	707 Hickory St	Houston	Harris	77001	TX	USA
G1234	555-1234	808 Walnut Ave	Austin	Cook	78701	TX	USA
H5678	555-5678	909 Cherry Rd	San Antonio	Bexar	78201	TX	USA
I9012	555-9012	1010 Peach St	San Diego	San Diego	92101	CA	USA
J3456	555-3456	2020 Apple Dr	San Jose	San Jose	95101	CA	USA
K7890	555-7890	3030 Orange Ln	San Francisco	San Francisco	94102	CA	USA
L1234	555-1234	4040 Lemon Way	San Francisco	San Francisco	94102	CA	USA
M5678	555-5678	5050 Lime Ct	San Francisco	San Francisco	94102	CA	USA
N9012	555-9012	6060 Grape Pl	San Francisco	San Francisco	94102	CA	USA
O3456	555-3456	7070 Berry St	San Francisco	San Francisco	94102	CA	USA
P7890	555-7890	8080 Raspberry Ave	San Francisco	San Francisco	94102	CA	USA
Q1234	555-1234	9090 Strawberry Rd	San Francisco	San Francisco	94102	CA	USA
R5678	555-5678	10100 Blueberry Dr	San Francisco	San Francisco	94102	CA	USA
S9012	555-9012	20200 Blackberry Ln	San Francisco	San Francisco	94102	CA	USA
T3456	555-3456	30300 Elderberry Way	San Francisco	San Francisco	94102	CA	USA
U7890	555-7890	40400 Raspberry Ct	San Francisco	San Francisco	94102	CA	USA
V1234	555-1234	50500 Strawberry Pl	San Francisco	San Francisco	94102	CA	USA
W5678	555-5678	60600 Blueberry St	San Francisco	San Francisco	94102	CA	USA
X9012	555-9012	70700 Blackberry Ave	San Francisco	San Francisco	94102	CA	USA
Y3456	555-3456	80800 Elderberry Rd	San Francisco	San Francisco	94102	CA	USA
Z7890	555-7890	90900 Raspberry Dr	San Francisco	San Francisco	94102	CA	USA
A1234	555-1234	10100 Strawberry Ln	San Francisco	San Francisco	94102	CA	USA
B5678	555-5678	20200 Blueberry Way	San Francisco	San Francisco	94102	CA	USA
C9012	555-9012	30300 Blackberry Ct	San Francisco	San Francisco	94102	CA	USA
D3456	555-3456	40400 Elderberry Pl	San Francisco	San Francisco	94102	CA	USA
E7890	555-7890	50500 Raspberry St	San Francisco	San Francisco	94102	CA	USA
F1234	555-1234	60600 Strawberry Ave	San Francisco	San Francisco	94102	CA	USA
G5678	555-5678	70700 Blueberry Rd	San Francisco	San Francisco	94102	CA	USA
H9012	555-9012	80800 Blackberry Dr	San Francisco	San Francisco	94102	CA	USA
I3456	555-3456	90900 Elderberry Ln	San Francisco	San Francisco	94102	CA	USA
J7890	555-7890	10100 Raspberry Way	San Francisco	San Francisco	94102	CA	USA
K1234	555-1234	20200 Strawberry Ct	San Francisco	San Francisco	94102	CA	USA
L5678	555-5678	30300 Blueberry Pl	San Francisco	San Francisco	94102	CA	USA
M9012	555-9012	40400 Blackberry St	San Francisco	San Francisco	94102	CA	USA
N3456	555-3456	50500 Elderberry Ave	San Francisco	San Francisco	94102	CA	USA
O7890	555-7890	60600 Raspberry Rd	San Francisco	San Francisco	94102	CA	USA
P1234	555-1234	70700 Strawberry Dr	San Francisco	San Francisco	94102	CA	USA
Q5678	555-5678	80800 Blueberry Ln	San Francisco	San Francisco	94102	CA	USA
R9012	555-9012	90900 Blackberry Way	San Francisco	San Francisco	94102	CA	USA

Antenna(s)

Antenna ID	Manufacturer	Model	Antenna Size	Minor Axes (meters)	Major Axes (meters)	Maximum Antenna Height Above Ground Level (meters)	Maximum Antenna Height Mean Sea Level (meters)	Building Height Above Ground Level (meters)	Maximum Antenna Height Above Rooftop (meters)	Total Input Power at Antenna Flange for All Carriers (Watts)
Site Id: Carlton, MN (1 item)										
SAN 1	Viasat, Inc	13001XX	2.4 meters	2.4 meters	2.6 meters	1.5 meters	349.01 meters	0 meters	0 meters	85.1 Watts

Frequency	Band(s)
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Frequency (MHz)	Lower	Frequency (MHz)	Upper	Direction of Transmission	Gain	At	Polarization	Polarization	Polarization
▼	Site Id: Carlton, MN	- Antenna Id: SAN 1	(2 items)						
17700	MHz	18300	MHz	Space- to- Earth	48.8 dBi	17.7 GHz	Right Hand Circular	-- None --	-- None --
27500	MHz	28350	MHz	Earth- to- Space	52.4 dBi	28 GHz	Left Hand Circular	-- None --	-- None --

Operating	Particulars(s)
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Emission	Designator	Maximum	EIRP per Carrier	(dBW)	Maximum (dBW/ 4kHz)	EIRP Density per Carrier	Modulation	and Services	Status
▼	Site Id: Carlton, MN - Antenna Id: SAN 1 - 17700MHz - 18300MHz			(8 items)					
80M0G7D							80 MBd	digital data carrier	Requested
320M0G7D							320 MBd	digital data carrier	Requested
5M00G7D							5 MBd	digital data carrier	Requested
20M0G7D							20 MBd	digital data carrier	Requested
160M0G7D							160 MBd	digital data carrier	Requested
464M0G7D							464 MBd	digital data carrier	Requested
10M0G7D							10 MBd	digital data carrier	Requested
40M0G7D							40 MBd	digital data carrier	Requested
▼	Site Id: Carlton, MN - Antenna Id: SAN 1 - 27500MHz - 28350MHz			(2 items)					
464M0G7		69.3	dBW		18.6554201	dBW/ 4kHz	464 MBd	digital data carrier	Requested
325M0G7D		67.7	dBW		18.6017663	dBW/ 4kHz	325 MBd	digital data carrier	Requested

Point(s) of Communication)

Satellite	Common	Name	ITU Name	Orbit	Location	Country	Destination
▼ Site Id: Carlton, MN (1 item)							
ViaSat-3(S2917/3050	null 88.9	ViaSat-3(S2917/3050		88.9	W.L.	United States of America	

Satellite Coordination

Satellite Data															
Satellite		Orbit		Range of Satellite		Range of Satellite		Antenna		Antenna		Earth Station			
						Arc Eastern	Limit	Arc Western	Limit	Elevation	Angle	Elevation	Angle	Azimuth	Angle
Type		Arc Eastern	Limit	Hemisphere		Limit	Hemisphere	Eastern	Limit	Western	Limit	Eastern	Limit		
▼ Site Id: Carlton, MN - Antenna Id: SAN 1 - 17700MHz - 18300MHz (1 item)															
Geostationary		78		W		91		W		34.48		36.32		160.45	
▼ Site Id: Carlton, MN - Antenna Id: SAN 1 - 27500MHz - 28500MHz (1 item)															

Site Id: Carlton, MN - Antenna Id: SAN 1 - 2/500MHz - 28350MHz (1 item)								
Geostationary	78	W	91	W	34.48	36.32	160.45	177.97

Attachments