

Site(s) Information

Site Identifier	Calera, AL
Contact Name	Jarrett S Taubman
Phone Number	2023835050
Street	6327 Hwy 31
City	Calera
County	Shelby
State	032d5cd7dbbd22008e0b75131f96190b
Zipcode	35040
Area of Operation	33° 07' 51.07" N 86° 45' 05.28" W
Latitude Degrees	33 °
Latitude Minutes	7 '
Latitude Seconds	51.07 "
Latitude Hemisphere	N
Longitude Degrees	86 °
Longitude Minutes	45 '
Longitude Seconds	5.28 "
Longitude Hemisphere	W
Geographic Coordinate System	NAD-83
Site Elevation (AMSL)	188.72 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	Illinois	62701	USA	
X5678	555-5678	456 Oak Ave	Portland	Oregon	97201	USA	
Y9012	555-9012	789 Pine Rd	San Francisco	California	94102	USA	
Z3456	555-3456	101 Elm St	New York	New York	10001	USA	
A7890	555-7890	202 Maple Dr	Los Angeles	California	90001	USA	
B1234	555-1234	303 Cedar Ln	Chicago	Illinois	60601	USA	
C5678	555-5678	404 Birch Way	Phoenix	Arizona	85001	USA	
D9012	555-9012	505 Spruce Ct	San Diego	California	92101	USA	
E3456	555-3456	606 Ash Pl	Seattle	Washington	98101	USA	
F7890	555-7890	707 Willow St	Denver	Colorado	80201	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: Calera, AL (1 item)										
SAN 1	Viasat, Inc	1300JK2	2.4 meters	2.4 meters	2.6 meters	1.5 meters	190.22 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: Calera, AL - Antenna Id: SAN 1 (2 items)									
27500	MHz	28350	MHz	Earth- to- Space	52.4 dBi	28 GHz	Left Hand Circular	-- None --	-- None --
17700	MHz	18300	MHz	Space- to- Earth	48.8 dBi	17.7 GHz	Right 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: Calera, AL - Antenna Id: SAN 1 - 27500MHz - 28350MHz	(2 items)							
325MG7D		67.7 dBW			18.6017663	dBW/ 4kHz	325 MBd	digital data carrier	Requested
464M0G7		69.3 dBW			18.6554201	dBW/ 4kHz	464 MBd	digital data carrier	Requested
▼	Site Id: Calera, AL - Antenna Id: SAN 1 - 17700MHz - 18300MHz	(8 items)							
10M0G7D							10 MBd	digital data carrier	Requested
40M0G7D							40 MBd	digital data carrier	Requested
160MG7D							160 MBd	digital data carrier	Requested
464MG7D							464 MBd	digital data carrier	Requested
20M0G7D							20 MBd	digital data carrier	Requested
80M0G7D							80 MBd	digital data carrier	Requested
320MG7D							320 MBd	digital data carrier	Requested
5M00G7D							5 MBd	digital data carrier	Requested

Point(s) of Communication)

Satellite	Common	Name	ITU	Name	Orbit	Location	Country	Destination
▼ Site Id: Calera, AL (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															
				Range of Satellite								Earth Station		Earth Station	
Satellite	Orbit	Range of Satellite		Arc Eastern	Limit	Arc Western	Limit	Antenna	Antenna	Elevation	Angle	Azimuth	Angle	Azimuth	Angle
Type		Arc Eastern	Limit	Hemisphere		Limit	Hemisphere	Eastern	Limit	Western	Limit	Eastern	Limit	Western	Limit
▼	Site Id: Calera,	AL - Antenna	Id: SAN	1 - 27500MHz	- 28350MHz	(1 item)									
Geostationary		78		W		91	W	50.32		51.19		164.26		187.74	
▼	Site Id: Calera,	AL - Antenna	Id: SAN	1 - 17700MHz	- 18350MHz	(1 item)									

Site Id: Calera, AL - Antenna	Id: SAN 1 - 17700MHz	- 18300MHz	(1 item)					
Geostationary	78	W	91	W	50.32	51.19	164.26	187.74

Attachments