

Site(s) Information

Site Identifier	Ludowici, GA		
Contact Name	Jarrett S Taubman		
Phone Number	2023835050		
Street	118 N McDonald Street		
City	Ludowici		
County	Long		
State	1c3d5cd7dbbd22008e0b75131f96193d		
Zipcode	31316		
Area of Operation	31° 42' 53.62" N 81° 44' 50.27" W		
Latitude Degrees	31 °		
Latitude Minutes	42 '		
Latitude Seconds	53.62 "		
Latitude Hemisphere	N		
Longitude Degrees	81 °		
Longitude Minutes	44 '		
Longitude Seconds	50.27 "		
Longitude Hemisphere	W		
Geographic Coordinate System	NAD-83		
Site Elevation (AMSL)	20.33 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 I 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	Madison	Wisconsin	53703	USA	
Y9012	555-9012	789 Pine Rd	Portland	Oregon	97201	USA	
Z3456	555-3456	101 Elm St	San Francisco	California	94102	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 Above 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: Ludowici, GA (1 item)										
SAN 1	Viasat, Inc	13138XX	1.8 meters	1.8 meters	1.95 meters	1.2 meters	21.53 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: Ludowici,	GA - Antenna	Id: SAN 1	(2 items)					
17700	MHz	18300	MHz	Space- to- Earth	48.3 dBi	17.7 GHz	Right Hand Circular	-- None --	-- None --
27500	MHz	28350	MHz	Earth- to- Space	52 dBi	28 GHz	Left Hand Circular	-- None --	-- None --

Operating	Particulars(s)
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Emission	Designator	Maximum	EIRP	per	Carrier	(dBW)	Maximum	EIRP	Density	per	Carrier	Modulation	and	Services	Status
▼	Site	Id: Ludowici, GA - Antenna	Id: SAN 1 - 17700MHz	- 18300MHz	(8 items)										
5M00G7D												5 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
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
▼	Site	Id: Ludowici, GA - Antenna	Id: SAN 1 - 27500MHz	- 28350MHz	(2 items)										
464M0G7			68.7	dBW			18.0554201	dBW/	4kHz			464 MBd	digital	data carrier	Requested
325MG7D			67.2	dBW			18.1017663	dBW/	4kHz			325 MBd	digital	data carrier	Requested

Point(s) of Communication)

Satellite			Common	Name	ITU	Name	Orbit	Location	Country	Destination
▼ Site			Id: Ludowici, GA (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				Range of Satellite				Earth Station							
Satellite	Orbit	Range of Satellite		Arc Eastern	Limit	Arc Western	Limit	Antenna	Angle	Antenna	Angle	Azimuth	Angle	Azimuth	Angle		
Type		Arc Eastern	Limit	Hemisphere		Limit	Hemisphere	Eastern	Limit	Western	Limit	Eastern	Limit	Western	Limit		
▼ Site Id: Ludowici, GA - Antenna Id: SAN 1 - 17700MHz - 18300MHz (1 item)																	
Geostationary		78		W		91		W		52.84		51.72		172.89		197.21	
▼ Site Id: Ludowici, GA - Antenna Id: SAN 1 - 17700MHz - 18300MHz (1 item)																	

Site Id: Ludowici, GA - Antenna Id: SAN 1 - 2/500MHZ - 28350MHZ (1 item)								
Geostationary	78	W	91	W	52.84	51.72	172.89	197.21

Attachments