

Site(s) Information

Site Identifier	Shawnee, OK
Contact Name	Jarrett S Taubman
Phone Number	2023835050
Street	100 Garretts Lake Rd
City	Shawnee
County	Pottawatomie
State	63cb838adb6d66008e0b75131f96199d
Zipcode	74851
Area of Operation	35 24 21.58N 096 55 23.96W
Latitude Degrees	35 °
Latitude Minutes	24 '
Latitude Seconds	21.58 "
Latitude Hemisphere	N
Longitude Degrees	96 °
Longitude Minutes	55 '
Longitude Seconds	23.96 "
Longitude Hemisphere	W
Geographic Coordinate System	NAD-83
Site Elevation (AMSL)	303.98 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
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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: Shawnee, OK (1 item)											
SAN 1	Viasat, Inc	13001XX	2.4 meters	2.4 meters	2.6 meters	1.5 meters	305.48 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: Shawnee, OK - 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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										Maximum EIRP Density		per Carrier								
Emission	Designator			Maximum	EIRP	per Carrier	(dBW)	Maximum (dBW/ 4kHz)			Modulation		and Services		Status					
▼	Site	Id: Shawnee,	OK - 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: Shawnee,	OK - Antenna	Id: SAN 1 - 17700MHz	- 18300MHz	(8 items)														
464MG7D											464	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				
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				

Point(s) of Communication)

Satellite	Common	Name	ITU	Name	Orbit	Location	Country	Destination
▼ Site Id: Shawnee, OK (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
Type		Arc Eastern	Limit	Hemisphere	Limit	Hemisphere		Eastern	Limit	Western	Limit	Eastern	Limit
▼ Site Id: Shawnee, OK - Antenna Id: SAN 1 - 27500MHz - 28350MHz (1 item)													
Geostationary		78		W		91		W		44.22		48.4	
												149.38	
												169.84	
▼ Site Id: Shawnee, OK - Antenna Id: SAN 1 - 17700MHz - 18000MHz (1 item)													

Site Id: Shawnee, OK - Antenna Id: SAN 1 - 17700MHz - 18300MHz (1 item)								
Geostationary	78	W	91	W	44.22	48.4	149.38	169.84

Attachments