

Site(s)	Information
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Site Identifier	Lexington, KY
Contact Name	Jarrett S Taubman
Phone Number	2023835050
Street	249 West Loudon Ave
City	Lexington
County	Fayette
State	2aa70f0adb6d66008e0b75131f96195f
Zipcode	40505
Area of Operation	38 03 51.13N 084 29 17.21W
Latitude Degrees	38 °
Latitude Minutes	3 '
Latitude Seconds	51.13 "
Latitude Hemisphere	N
Longitude Degrees	84 °
Longitude Minutes	29 '
Longitude Seconds	17.21 "
Longitude Hemisphere	W
Geographic Coordinate System	NAD-83
Site Elevation (AMSL)	291.52 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 (meters)	Maximum Antenna Height Above 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: Lexington, KY (1 item)										
SAN 1	Viasat, Inc	13138XX	1.8 meters	1.8 meters	1.95 meters	1.2 meters	292.72 meters	0 meters	0 meters	85.1 Watts

[illegible]

Frequency (MHz)	Lower	Frequency (MHz)	Upper	Direction of Transmission	Gain	At	Polarization	Polarization	Polarization
▼ Site Id: Lexington, KY - Antenna Id: SAN 1 (2 items)									
27500	MHz	28350	MHz	Earth- to- Space	52 dBi	28 GHz	Left Hand Circular	-- None --	-- None --
17700	MHz	18300	MHz	Space- to- Earth	48.3 dBi	17.7 GHz	Right 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: Lexington, KY - Antenna	Id: SAN 1 - 27500MHz	- 28350MHz			(2 items)										
325MG7D		67.2	dBW				18.1017663	dBW/	4kHz			325	MBd	digital	data carrier	Requested
464M0G7		68.7	dBW				18.0554201	dBW/	4kHz			464	MBd	digital	data carrier	Requested
▼	Site Id: Lexington, KY - Antenna	Id: SAN 1 - 17700MHz	- 18300MHz			(8 items)										
160MG7D												160	MBd	digital	data carrier	Requested
464MG7D												464	MBd	digital	data carrier	Requested
10M0G7D												10	MBd	digital	data carrier	Requested
40M0G7D												40	MBd	digital	data carrier	Requested
320MG7D												320	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

Point(s) of Communication)

Satellite				Common		Name		ITU		Name		Orbit		Location		Country				Destination			
▼ Site Id: Lexington, KY (1 item)																							
ViaSat-3(S2917/3050				null 88.9		ViaSat-3(S2917/3050				88.9		W.L.		United States of America									
Satellite Coordination																							
								Range of Satellite															
				Range of Satellite		Range of Satellite		Arc Western		Antenna		Antenna		Earth Station		Earth Station							
Satellite		Orbit		Range of Satellite		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: Lexington, KY - Antenna				Id: SAN 1 - 27500MHz		- 28350MHz		(1 item)															
Geostationary				78		W		91		W		45.37		45.36		169.54		190.48					
▼ Site Id: Lexington, KY - Antenna				Id: SAN 1 - 17700MHz		- 18200MHz		(1 item)															

Site Id: Lexington, KY - Antenna	Id: SAN 1 - 17700MHz - 18300MHz	(1 item)						
Geostationary	78	W	91	W	45.37	45.36	169.54	190.48

Attachments