

Site(s) Information

Site Identifier	Manchester, KY									
Contact Name	Jarrett S Taubman									
Phone Number	2023835050									
Street	1300 Old Shamrock Road									
City	Manchester									
County	Clay									
State	2aa70f0adb6d66008e0b75131f96195f									
Zipcode	40962									
Area of Operation	37 07 33.24N 083 45 45.36W									
Latitude Degrees	37 °									
Latitude Minutes	7 '									
Latitude Seconds	33.24 "									
Latitude Hemisphere	N									
Longitude Degrees	83 °									
Longitude Minutes	45 '									
Longitude Seconds	45.36 "									
Longitude Hemisphere	W									
Geographic Coordinate System	NAD-83									
Site Elevation (AMSL)	410.7 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: Manchester, KY (1 item)										
SAN 1	Viasat, Inc	13138XX	1.8 meters	1.8 meters	1.95 meters	1.2 meters	411.9 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: Manchester, 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 (dBW/ 4kHz)	EIRP Density per Carrier	Modulation	and	Services	Status
▼	Site Id: Manchester, KY - 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
▼	Site Id: Manchester, KY - Antenna Id: SAN 1 - 17700MHz - 18300MHz	(8 items)								
80M0G7D							80 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
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

Point(s) of Communication)

Satellite			Common	Name	ITU Name	Orbit	Location	Country	Destination
▼ Site Id: Manchester, KY (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		Range of Satellite		Antenna		Antenna		Earth Station		Earth Station			
					Arc Eastern	Limit	Arc Western	Limit	Elevation	Angle	Elevation	Angle	Azimuth	Angle	Azimuth	Angle		
Type			Arc Eastern	Limit	Hemisphere	Limit	Hemisphere	Eastern	Limit	Western	Limit	Eastern	Limit	Western	Limit			
▼ Site Id: Manchester, KY - Antenna Id: SAN 1 - 27500MHz - 28350MHz (1 item)																		
Geostationary			78		W		91		W		46.52		46.27		170.5		191.88	
▼ Site Id: Manchester, KY - Antenna Id: SAN 1 - 27500MHz - 28350MHz (1 item)																		

Site Id: Manchester, KY - Antenna Id: SAN1 1 - 17700MHz - 18300MHz (1 item)								
Geostationary	78	W	91	W	46.52	46.27	170.5	191.88

Attachments