

Site(s) Information															
Site Identifier		Columbia, KY													
Contact Name	Jarrett S Taubman														
Phone Number	2023835050														
Street		909 Keltner Road													
City		Columbia													
County		Adair													
State		2aa70f0adb6d66008e0b75131f96195f													
Zipcode		42728													
Area of Operation		37 08 16.56N 085 18 08.28W													
Latitude Degrees	37 °														
Latitude Minutes	8 '														
Latitude Seconds	16.56 "														
Latitude Hemisphere	N														
Longitude Degrees	85 °														
Longitude Minutes	18 '														
Longitude Seconds	8.28 "														
Longitude Hemisphere	W														
Geographic Coordinate System	NAD-83														
Site Elevation (AMSL)		247.81 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		
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: Columbia, KY (1 item)															
SAN 1	Viasat, Inc	1300XX	2.4 meters	2.4 meters	2.6 meters	1.5 meters	249.31 meters	0 meters	0 meters	85.1 Watts					
Frequency Band(s)															
Frequency (MHz)	Lower	Frequency (MHz)	Upper	Direction of Transmission		Gain	At	Polarization		Polarization		Polarization			
▼ Site Id: Columbia, KY - Antenna Id: SAN 1 (2 items)															
27500 MHz		28350 MHz		Earth- to- Space		52.4 dBi	28 GHz	Left Hand Circular	-- None --	-- None --	-- None --				
17700 MHz		18300 MHz		Space- to- Earth		48.8 dBi	17.7 GHz	Right Hand Circular	-- None --	-- None --	-- None --				
Operating Particulars(s)															
Emission	Designator			Maximum	EIRP per Carrier (dBW)	Maximum (dBW/ 4kHz)	EIRP Density per Carrier	Modulation and Services			Status				
▼ Site Id: Columbia, KY - 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: Columbia, KY - Antenna Id: SAN 1 - 17700MHz - 18300MHz (8 items)															
40M0G7D								40	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		
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		
Point(s) of Communication															
Satellite		Common Name		ITU Name		Orbit Location		Country		Destination					
▼ Site Id: Columbia, 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 Type	Orbit	Range of Satellite Arc Eastern Limit		Range of Satellite Arc Eastern Hemisphere		Range of Satellite Arc Western Limit		Range of Satellite Arc Western Hemisphere		Antenna Elevation Eastern Angle Limit		Antenna Elevation Western Angle Limit		Earth Station Azimuth Eastern Angle Limit	Earth Station Azimuth Western Angle Limit
▼ Site Id: Columbia, KY - Antenna Id: SAN 1 - 27500MHz - 28350MHz (1 item)															
Geostationary	78	W		91		W		46.25		46.51		168.01		189.38	
▼ Site Id: Columbia, KY - Antenna Id: SAN 1 - 17700MHz - 18300MHz (1 item)															

Site Id: Columbia, KY - Antenna Id: SAN 1 - 17700MHz - 18300MHz (1 item)								
Geostationary	78	W	91	W	46.25	46.51	168.01	189.38

Attachments