Site(s) Information

Site Identifier	Springfield, IL
Contact Name	Jarrett S Taubman
Phone Number	2023835050
Street	3575 Bissell Rd
City	Springfield
County	Sangamon
State	1fcb838adb6d66008e0b75131f96199c
Zipcode	62707
Area of Operation	39° 50' 47.10" N 89° 35' 12.10" W
Latitude Degrees	39 °
Latitude Minutes	50 '
Latitude Seconds	47.1 "
Latitude Hemisphere	N
Longitude Degrees	89 °
Longitude Minutes	35 '
Longitude Seconds	12.1 "
Longitude Hemisphere	W
Geographic Coordinate System	NAD-83
Site Elevation (AMSL)	176.69 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	Cou

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: Springfield, IL (1 item)										
SAN 1	Viasat, Inc	13138xx	1.8 meters	1.8 meters	1.95 meters	1.2 meters	177.89 meters	0 meters	0 meters	85.1 Watts

Frequency Band(s)

Frequency Lower (MHz)	Frequency Upper (MHz)	Direction of Transmission	Gain	At	Polarization	Polarization	Polarization
Site Id: Springfield, IL - 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)

Emission Designator	Maximum EIRP per Carrier (dBW)	Maximum EIRP Density per Carrier (dBW/ 4kHz)	Modulation and Services	Status
Site Id: Springfield, IL - 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
Site Id: Springfield, IL - 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: Springfield, IL (1 item)					
ViaSat-3(S2917/3050 | null | 88.9	ViaSat-3(S2917/3050		88.9 W.L.	United States of America	

Satellite Coordination

Satellite Orbit Type	Range of Satellite Arc Eastern Limit	Range of Satellite Arc Eastern Limit Hemisphere	Range of Satellite Arc Western Limit	Range of Satellite Arc Western Limit Hemisphere	Antenna Elevation Angle Eastern Limit	Antenna Elevation Angle Western Limit	Earth Station Azimuth Angle Eastern Limit	Earth Station Azimuth Angle Western Limit
Site Id: Springfield, IL - Antenna Id: SAN 1 - 17700MHz - 18300MHz (1 item)								
Geostationary	78	W	91	W	42.35	43.87	162.25	182.2

Site Id: Springfield, IL - Antenna Id: SAN 1 - 27500MHz - 28350MHz (1 item)

Geostationary	78	W	91	W	42.35	43.87	162.25	182.2

Attachments