

## Site(s) Information

|                              |                                   |  |  |
|------------------------------|-----------------------------------|--|--|
| Site Identifier              | Tremont, MS                       |  |  |
| Contact Name                 | Jarrett S Taubman                 |  |  |
| Phone Number                 | 2023835050                        |  |  |
| Street                       | Maggie Valley Drive               |  |  |
| City                         | Tremont                           |  |  |
| County                       | Itawamba                          |  |  |
| State                        | 3a2d5cd7dbbd22008e0b75131f961903  |  |  |
| Zipcode                      | 38876                             |  |  |
| Area of Operation            | 34° 13' 42.01" N 88° 15' 27.12" W |  |  |
| Latitude Degrees             | 34 °                              |  |  |
| Latitude Minutes             | 13 '                              |  |  |
| Latitude Seconds             | 42.01 "                           |  |  |
| Latitude Hemisphere          | N                                 |  |  |
| Longitude Degrees            | 88 °                              |  |  |
| Longitude Minutes            | 15 '                              |  |  |
| Longitude Seconds            | 27.12 "                           |  |  |
| Longitude Hemisphere         | W                                 |  |  |
| Geographic Coordinate System | NAD-83                            |  |  |
| Site Elevation (AMSL)        | 111.29 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: Tremont, MS (1 item) |              |         |              |                     |                     |                                                    |                                                      |                                             |                                               |                                                              |
| SAN 1                         | Viasat, Inc  | 13138xx | 1.8 meters   | 1.8 meters          | 1.95 meters         | 1.2 meters                                         | 112.49 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: Tremont, MS - 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) |
|-----------|----------------|
|-----------|----------------|

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

Satellite Coordination

## 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 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: Tremont, MS - Antenna Id: SAN 1 - 27500MHz - 28350MHz (1 item) |  |             |       |                    |       |                    |       |                    |       |           |       |           |       |               |       |               |       |
| Geostationary                                                             |  | 78          |       | W                  |       | 91                 |       | W                  |       | 48.72     |       | 50.11     |       | 162.16        |       | 184.86        |       |
| ▼ Site Id: Tremont, MS - Antenna Id: SAN 1 - 15750MHz - 18800MHz (1 item) |  |             |       |                    |       |                    |       |                    |       |           |       |           |       |               |       |               |       |



|                   |              |                      |            |          |       |       |        |        |
|-------------------|--------------|----------------------|------------|----------|-------|-------|--------|--------|
| Site Id: Tremont, | MS - Antenna | Id: SAN 1 - 17700MHz | - 18300MHz | (1 item) |       |       |        |        |
| Geostationary     | 78           | W                    | 91         | W        | 48.72 | 50.11 | 162.16 | 184.86 |

Attachments