

SES-AMD-20140416-00290, E7312

SITE INFORMATION

E1: Site Identifier: WHO
E2: Contact Name: Michele Tully
E3: Street: 1801 Grand Ave
E4: Zipcode: 50309
E5: Call Sign: E7312
E6: Phone Number: 321-723-5395
E7: City: Des Moines
E8: County: Polk
E9: State: IA

NOTE: The address requested here is for the earth station location - not your mailing address.

E10: Area of Operation: Des Moines, IA

E11: Latitude ° ' " E12: Longitude ° ' "

E13: Lat./Lon. Coordinates are: NAD-27 NAD-83 N/A

E14: Site Elevation (AMSL): meters 253.0

E15: If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two-degree spacing policy. Yes No N/A

E16: If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements? Yes No N/A

E17: Is the facility operated by remote control? If YES, provide the location and telephone number of the control point. Yes No

E18: Is frequency coordination required? If YES, attach a frequency coordination report as Yes No

E19: Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as Yes No

E20: FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and / or the FAA's study regarding the potential hazard of the structure to aviation? Yes No
FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.

ANTENNA
Site Identifier: WHO

E28: Antenna ID: E29: Quantity:
E30: Manufacturer: E31: Model:

E32: Diameter (meters):
E33: Diameter Minor (meters):
E34: Diameter Major (meters):
E35: Maximum Antenna Height Above Ground Level (meters):
E36: Maximum Antenna Height Above Mean Sea Level (meters):
E37: Building Height Above Ground Level (meters):
E38: Total Power at Antenna Flange for All Carriers(Watts):
E39: Maximum Antenna Height Above Rooftop (meters):
E40: Total EIRP for All Carriers (dBW):

FREQUENCY
Site Identifier: WHO
Antenna ID:1

E43: Frequency Lower (MHz) :

11700

E44: Frequency Upper (MHz) :

12200

E45: T/R Mode:

R

E46: Polarization:

Horizontal and Vertical

E47: Emission Designator:

36M0G7W

E48: Maximum EIRP per Carrier (dBW):

E49: Maximum EIRP Density per Carrier (dBW):

E50: Modulation and Services:

Digital Compressed Video Carrier

FREQUENCY
Site Identifier: WHO
Antenna ID:1

E43: Frequency Lower (MHz) :

14000

E44: Frequency Upper (MHz) :

14500

E45: T/R Mode:

T

E46: Polarization:

Horizontal and Vertical

E47: Emission Designator:

36M0G7W

E48: Maximum EIRP per Carrier (dBW):

78.6

E49: Maximum EIRP Density per Carrier (dBW):

39.0

E50: Modulation and Services:

Digital Compressed video carrier

FREQUENCY COORD
Site Identifier: KTVZ
Antenna ID: 1

E51: Satellite Orbit Type:	<input type="text" value="Geostationary"/>
E52: Lower Frequency Limit:	<input type="text" value="14000"/>
E53: Upper Frequency Limit:	<input type="text" value="14500"/>
E54: Range of Satellite Arc Eastern Limit:	<input type="text" value="65"/> <input type="text" value="W"/>
E55: Range of Satellite Arc Western Limit:	<input type="text" value="140"/> <input type="text" value="W"/>
E56: Earth Station Azimuth Angle Eastern Limit:	<input type="text" value="140.6"/>
E57: Antenna Elevation Angle Eastern Limit:	<input type="text" value="33.8"/>
E58: Earth Station Azimuth Angle Western Limit:	<input type="text" value="237.7"/>
E59: Antenna Elevation Angle Western Limit:	<input type="text" value="23.1"/>
E60: Maximum EIRP Density toward the Horizon (dBW/4KHz):	<input type="text" value="-14.58"/>