



SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B:(Technical and Operational Description)

FOR OFFICIAL USE ONLY
[INSTRUCTIONS]

1 copy of this form section exist.

SITE INFORMATION

E1: Site Identifier:	<input type="text" value="CoverEDGE, Inc."/>	E5: Call Sign:	<input type="text"/>
E2: Contact Name:	<input type="text" value="Tracey L. Frohn"/>	E6: Phone Number:	<input type="text" value="702-795-3343"/>
E3: Street:	<input type="text"/>	E7: City:	<input type="text"/>
	<input type="text"/>	E8: County:	<input type="text"/>
E4: Zipcode:	<input type="text"/>	E9: State:	<input type="text"/>

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

E10: Area of Operation:

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

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

E14: Site Elevation (AMSL): meters

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.



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POINTS OF COMMUNICATION

Site Identifier: CoverEDGE, Inc.

Satellite Name: If you selected OTHER, please enter the following:

E21: Common Name:

E22: ITU Name:

E23: Orbit Location:

E24: Country:

Destination Points

Reset

Add

Previous

Validate

Menu



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POINTS OF COMMUNICATION (Destination Points)

E25: Site Identifier: CoverEDGE, Inc.

Satellite Name: PERMITTED LIST

E26: Common Name:

E27: Country:

Reset

Add

Previous

Validate

Menu



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ANTENNA Site Identifier: CoverEDGE, Inc.

E28: Antenna ID:	<input type="text" value="1"/>	E29: Quantity:	<input type="text" value="1"/>
E30: Manufacturer:	<input type="text" value="Andrew Corporation"/>	E31: Model:	<input type="text" value="ESA24VSM-KU"/>
E32: Diameter (meters):	<input type="text" value="2.4"/>		
E33: Diameter Minor (meters):	<input type="text"/>		
E34: Diameter Major (meters):	<input type="text"/>		
E35: Maximum Antenna Height Above Ground Level (meters):	<input type="text" value="5.852"/>		
E36: Maximum Antenna Height Above Mean Sea Level (meters):	<input type="text"/>		
E37: Building Height Above Ground Level (meters):	<input type="text"/>		
E38: Total Power at Antenna Flange for All Carriers(Watts):	<input type="text" value="500.00"/>		
E39: Maximum Antenna Height Above Rooftop (meters):	<input type="text"/>		
E40: Total EIRP for All Carriers (dBW):	<input type="text" value="77.09"/>		



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**ANTENNA GAIN
Site Identifier: CoverEDGE, Inc.
Antenna ID: 1**

E41: Antenna Gain Transmit and/or Receive dBi at E42: GHz



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**FREQUENCY
Site Identifier: 1
Antenna ID:1**

E43: Frequency Lower (MHz) :	<input type="text" value="14000.0000"/>	E44: Frequency Upper (MHz) :	<input type="text" value="14500.000"/>
E45: T/R Mode:	<input type="text" value="T"/>	E46: Polarization:	<input type="text" value="Horizontal and Vertical"/>
E47: Emission Designator:	<input type="text" value="36MOF3F"/>		
E48: Maximum EIRP per Carrier (dBW):	<input type="text" value="76.40"/>		
E49: Maximum EIRP Density per Carrier (dBW):	<input type="text" value="36.8"/>		
E50: Modulation and Services:	<input type="text" value="Wideband 36 MHz Carrier for Digital and Analog Video Operation"/>		



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FREQUENCY COORD Site Identifier: CoverEDGE, Inc. Antenna ID: 1

E51: Satellite Orbit Type:	<input type="text" value="Geostationary"/>
E52: Lower Frequency Limit:	<input type="text" value="14000.0000"/>
E53: Upper Frequency Limit:	<input type="text" value="14500.0000"/>
E54: Range of Satellite Arc Eastern Limit:	<input type="text" value="60.0"/> <input type="button" value="W"/>
E55: Range of Satellite Arc Western Limit:	<input type="text" value="140.0"/> <input type="button" value="W"/>
E56: Earth Station Azimuth Angle Eastern Limit:	<input type="text" value="142.9"/>
E57: Antenna Elevation Angle Eastern Limit:	<input type="text" value="41.2"/>
E58: Earth Station Azimuth Angle Western Limit:	<input type="text" value="248.5"/>
E59: Antenna Elevation Angle Western Limit:	<input type="text" value="18.7"/>
E60: Maximum EIRP Density toward the Horizon (dBW/4KHz):	<input type="text" value="-2.8"/>