

Submitted by Joel Thorsheim  
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Frequency Management Services  
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**Operation Description:**

An experimental license is being requested in lieu of a STA extension previously approved under FCC Call Sign WO9XEI File Number 1648-EX-ST-2019.

The Fortem SkyDome™ Trueview R20 installation will provide radar coverage and airspace awareness. These radars function as the primary sensors for the Fortem SkyDome™ platform.

Tables 1 lists the equipment specifications, including frequency band of operation, transmitter output power, emissions, antenna types and gains, as well as maximum ERP. Table 2 lists the locations that are being requested.

<b>Frequency Data</b>	
Transmit Frequency Band	15,400 – 15,700 MHz
<b>Transmitter Data</b>	
Transmitter Model	Trueview R20
Transmitter Manufacturer	Fortem Technologies
Transmitter Power Output	2.34 Watts
<b>Antenna Data</b>	
Power Output ERP	30 Watts ERP
<b>Emission Data</b>	
Emission Designator	300MQXN

**Table 1 – Ground Equipment Data**

<b>City</b>	<b>State</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Radius</b>
Glasgow	MT	48-24-46 N	106-31-34 W	1 kilometer
Beeville Chase Field UAS Center of Excellence	TX	28-21-39 N	97-39-35 W	1 kilometer

**Table 2 – Location Data**

**Stop Buzzer POC:**

Stop Buzzer for this operation will be Brett Ebert at 314-737-0254.

**Start Date:** April 10, 2020

**Stop Date:** April 1, 2022