

## FCC Application Information

Customer: WLBT

### Station Information

Call Sign:	<i>Assigned by FCC</i>
Nature of Service:	<i>Fixed Satellite Service</i>
Status:	<i>Non-Common Carrier</i>
Satellite Orbit Type:	<i>GSO</i>
Class of Earth Station:	<i>Temporary Fixed Earth Station</i>
Filing Status:	<i>Application for License of New Station</i>
Satellite Name:	<i>Permitted List</i>
Frequency Band(s):	<i>Ku-Band</i>
Type of Earth Station Facility:	<i>Transmit Only</i>
PN Description:	<i>Transportable Ku-Band Video Uplink for transmitting news and event coverage, primarily in the (your primary operational area)</i>

### Site Information

Site ID:	
Contact Name:	
Contact Phone:	
Area of Operation:	<i>Various</i>

### Antenna Information

Site ID:	
Antenna ID:	
Quantity:	<i>1</i>
Manufacturer:	<i>Avl Technologies</i>
Model:	<i>1410K</i>
Antenna Size (m):	<i>1.4</i>
Total Input Power at Antenna Flange (W):	<i>125</i>
Total EIRP - All Carriers dBw):	<i>65.47</i>
T/R Mode:	<i>T</i>
Antenna Gain:	<i>44.5</i>
dBi at GHz:	<i>14.25</i>

Frequency Information

Antenna ID:	
T/R Mode:	<i>T</i>
Freq Lower (MHz/GHz):	<i>14000</i>
Freq Upper (MHz/GHz):	<i>14500</i>
Freq Unit:	<i>MHz</i>
Emission Designator:	<i>36M0G7W</i>
Describe Modulation & Services:	<i>Compressed Digital Video and Audio</i>
Antenna Polarization:	<i>(H/V) Horizontal and Vertical</i>
Max EIRP per Carrier (dBw):	<i>65.4691</i>
Max EIRP Density per Carrier (dBW/4KHz):	<i>25.9267</i>

Frequency Coordination

<b>VALUES FOR YOUR MSA -USE IF DEPLOYED MAINLY IN YOUR MSA</b>	Frequency Limits	<i>14000-14500 MHZ</i>
	Range of Satellite Arc Eastern Limit	<i>72 W</i>
	Range of Satellite Arc Western Limit	<i>129 W</i>
	Antenna Elevation Angle Eastern Limit	<i>47.56</i>
	Antenna Elevation Angle Western Limit	<i>34.01</i>
	Earth Station Azimuth Angle Eastern Limit	<i>148</i>
	Earth Station Azimuth Angle Western Limit	<i>236</i>
	<b>NATION WIDE VALUES</b>	Frequency Limits
Range of Satellite Arc Eastern Limit		<i>72 W</i>
Range of Satellite Arc Western Limit		<i>129 W</i>
Antenna Elevation Angle Eastern Limit		<i>59.00</i>
Antenna Elevation Angle Western Limit		<i>10.00</i>
Earth Station Azimuth Angle Eastern Limit		<i>118</i>
Earth Station Azimuth Angle Western Limit		<i>249</i>

