

Parlier Unified School District Tower location:

Address:  
900 S Newmark Ave  
Parlier CA 93648

Field Light Height:  
24 Meters

Experimental Equipment to be mounted below the Vertical Light Structure



#### Base Station General Information

<b>Equipment</b>	Air Span Air Symphony 4200 (Undergoing SAS certification process)
<b>Quantity</b>	2
<b>Area of Operation</b>	Operation not to exceed 3 km radius from the following geographic center points: 36 36 56 N and 119 31 41 W

#### Amplifier Detail

<b>Antenna</b>	External
<b>Type</b>	Omnidirectional
<b>Quantity</b>	Qty 3 120° coverage from each Antenna
<b>Frequency</b>	3650 – 3670 MHZ
<b>Gain</b>	17 dB
<b>Height</b>	24M
<b>Tower/Structure</b>	Antenna's will be mounted on existing Stadium Field Lights
<b>Beamwidth at Half-Power Point</b>	60° Horizontal
<b>Orientation in Horizontal</b>	0°

<b>Plane</b>	
<b>Orientation in Vertical Plane</b>	Various (0° to -10°)

**Radio Equipment**

<b>Radio</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth</b>	<b>Maximum Output Power</b>	<b>Maximum EIRP</b>
<u>Air Symphony</u> <u>4200 Cat B</u> <u>CBRS</u>	Digital 64QAM	20M0D1D	20 MHz	<u>2.5W</u>	<u>47</u> <u>dBm/10MHz</u>

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