

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

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

Amplifier Detail

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

Plane	
Orientation in Vertical Plane	Various (0° to -10°)

Radio Equipment

Radio	Modulation	Emission Designator	Bandwidth	Maximum Output Power	Maximum EIRP
<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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