

Parlier Unified School District Tower location:

Address:

Cesar E. Chavez Elementary School  
500 Tuolumne St., Parlier, CA 93648

Tower Height:

24 Meters

LTE CBRS Equipment to be mounted below the top of the tower



**Base Station General Information**

<b>Equipment</b>	Baicell NovaR9-302-B4243
<b>Quantity</b>	<u>2</u>

<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
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**Amplifier Detail**

<b>Antenna</b>	External
<b>Type</b>	Omnidirectional
<b>Quantity</b>	Qty 3 90° 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>	30° Horizontal
<b>Orientation in Horizontal Plane</b>	0°
<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>Baicell NovaR9-302-B4243</u>	<b>Digital 64QAM</b>	<b>20M0D1D</b>	<b>20 MHz</b>	<b>2.5W</b>	<b>47 dBm/10MHz</b>

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