

Yuma School District Tower location:

Address:

400 S 6th Ave,  
Yuma, AZ 85364

Building Height:

21 Meters

Experimental equipment to be mounted at the top of the roof in the indicated location on the picture below.

Antenna's Mounted Here



**Technical Contact Details:**

<b>Name of Contact</b>	Steve Rovarino - President Red Rover Ltd
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### Base Station General Information

<b>Equipment</b>	Air Span Air Symphony 4200 (Undergoing SAS certification process)
<b>Quantity</b>	2
<b>Address of Location</b>	Yuma High School 400 S 6th Ave, Yuma, AZ 85364
<b>Area of Operation</b>	Operation not to exceed 3 km radius from the following geographic center points: 32 43 06.5 N and 114 37 42.3 W

### Amplifier Detail

<b>Antenna</b>	External
<b>Type</b>	Omnidirectional
<b>Quantity</b>	Qty 3 120° coverage from each Antenna
<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 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>Air Symphony 4200 Cat B CBRS</u>	Digital 64QAM	20M0D1D	20 MHz	<u>2.5W</u>	<u>47 dBm/10MHz</u>
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