

Tustin High School District Radio location:

Address:  
1171 El Camino Real  
Tustin, CA 92780

Field Light Height:  
Roof mount on Gym Building.



**Base Station General Information**

<b>Equipment</b>	NOVA R9 3.5GHZ 1W
<b>Quantity</b>	<u>3</u>
<b>Area of Operation</b>	Operation not to exceed 3 km radius from the following geographic center points: 33° 44'10 10.6 and 117° 49'06.3 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>	14.5 dB
<b>Height</b>	18M
<b>Tower/Structure</b>	Antenna's will be mounted on gymnasium roof
<b>Beamwidth at Half-Power Point</b>	120° Horizontal
<b>Orientation in Horizontal Plane</b>	0, 120, 240
<b>Orientation in Vertical Plane</b>	Various (0° to -1°)

**Radio Equipment**

<b>Radio</b>	<b>Modulation</b>	<b>Emission Designator</b>	<b>Bandwidth</b>	<b>Maximum Output Power</b>	<b>Maximum EIRP</b>
NOVA R9 3.5GHZ 1W  FCC ID 2AG32MB S1100	OFDM	17M9W7D	20 MHz	2.5W	<u>30</u> <u>dBm/10MH</u> <u>z</u>

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