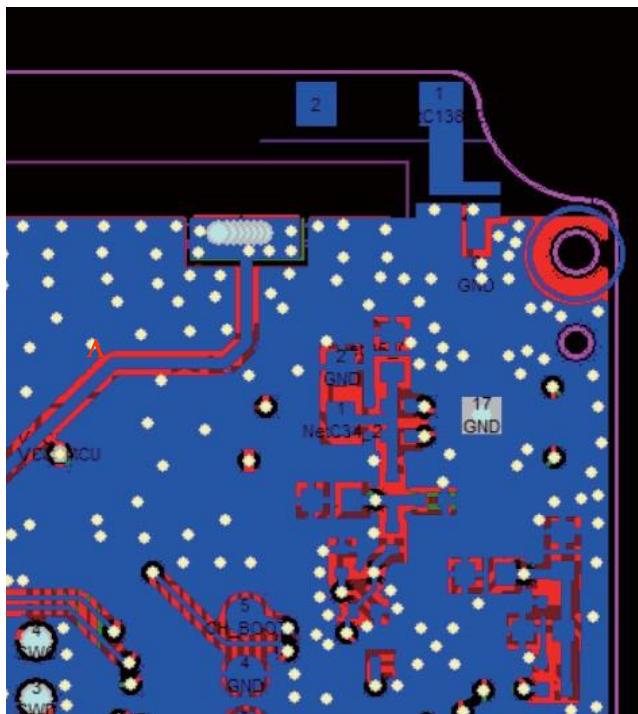
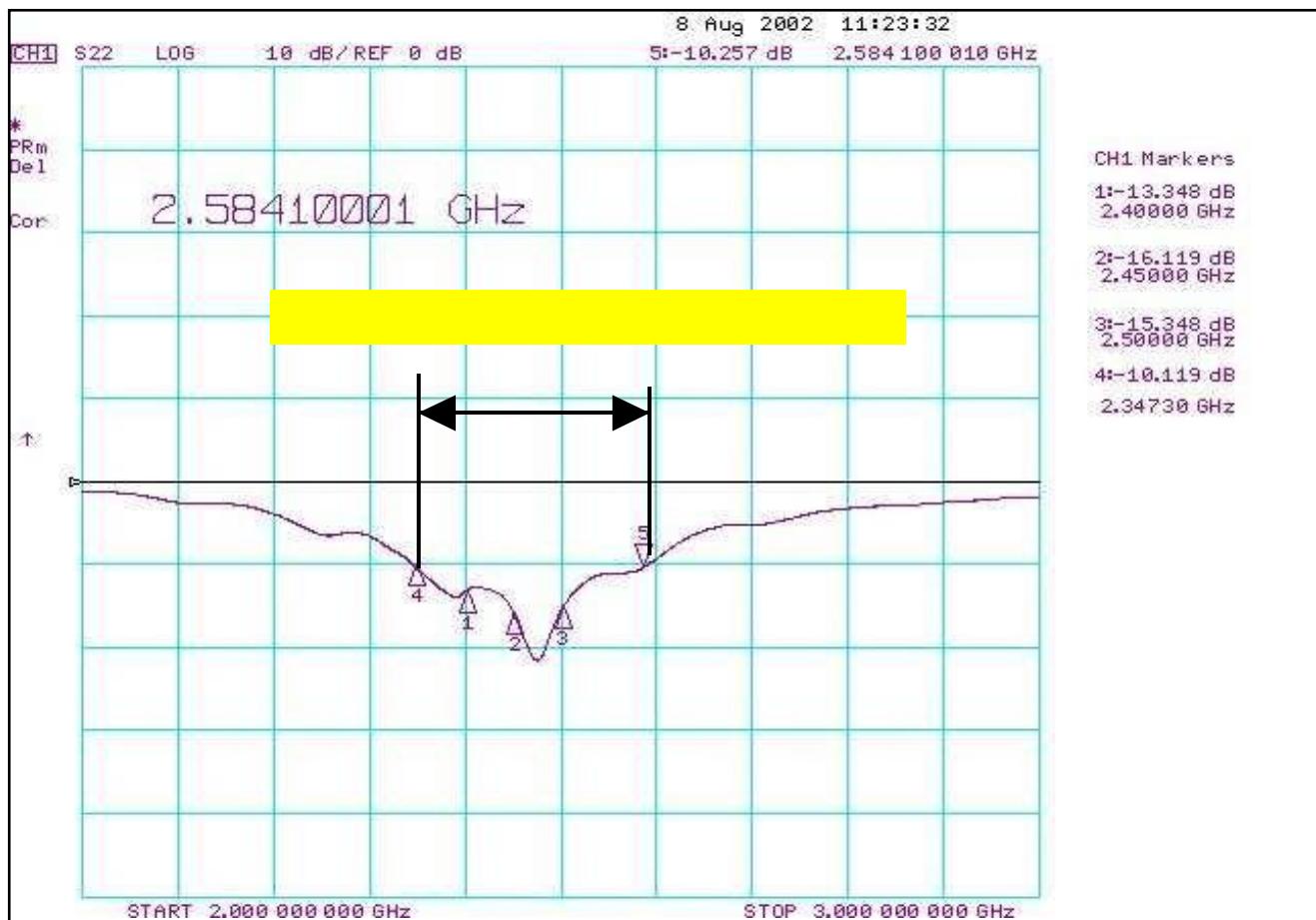


Antenna on Test Board

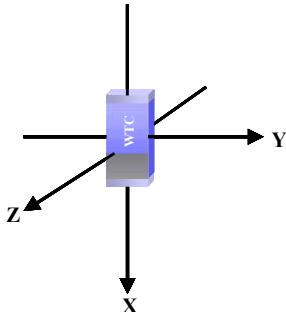


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Product: PCB ANT
Model: PCB ANT
Issue Date: November 1, 2023



RADIATION PATTERN

Radiation Pattern and Gain were dependent on measurement board design. The specification of RFANT5220110A0T antenna was measured based on the PCB size and installation position as shown in the below figure Test Board



	Vertical	Horizontal
Y - Z Plane Average Gain=-0.82 dBi	<p>Peak Gain = 1.69 dBi Average Gain = -3.22 dBi</p>	<p>Peak Gain = -5.42 dBi Average Gain = -8.98 dBi</p>
X - Z Plane Average Gain=-0.91 dBi	<p>Peak Gain = -5.97 dBi Average Gain = -3.24 dBi</p>	<p>Peak Gain = 2.66 dBi Average Gain = -8.61 dBi</p>
X - Y Plane Average Gain=-0.68 dBi	<p>Peak Gain = -5.97 dBi Average Gain = -3.12 dBi</p>	<p>Peak Gain = 2.59 dBi Average Gain = -9.24 dBi</p>