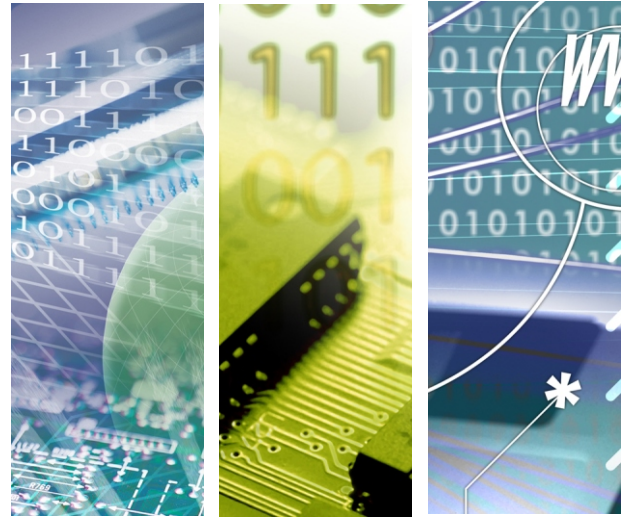




TWRN-91G1201-161

2.4GHz + 5GHz WiFi Antenna



TWRN-91G1201-161

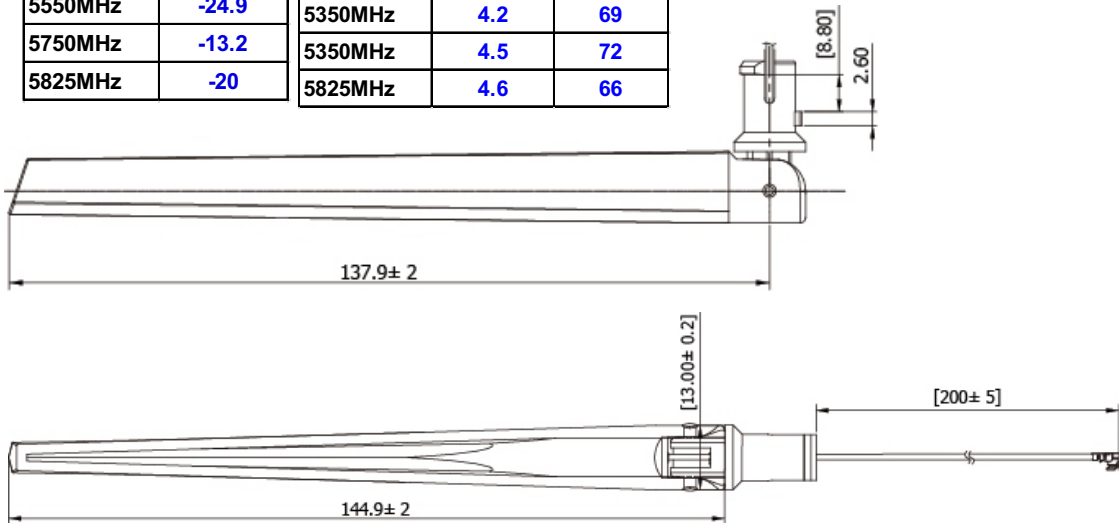
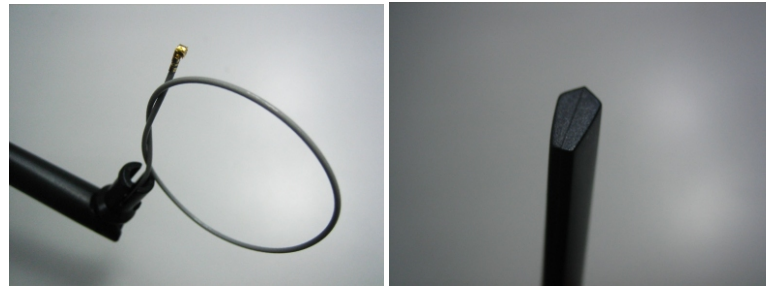
High Sensitivity Type Wifi Antenna

Introduction of Product

Antenna, WIFI,
16.5cm, 2.4GHz+5GHz, 4.1dbi+4.6dbi Dual band antenna with conductive cable 20cm+IPEX, antenna=16cm

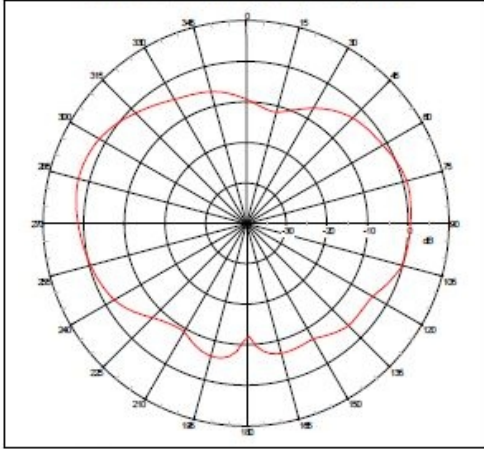
Return Loss		3D Peak Gain & Efficiency		
Frequency	Antenna (dB)	Antenna		
		Frequency	Peak Gain (dBi)	Efficiency (%)
2400 MHz	-25.6	2400 MHz	3.4	79
2450 MHz	-20	2450 MHz	3.3	74
2500 MHz	-15.2	2500 MHz	4.1	75
4900MHz	-18.8	4900MHz	4.2	70
5150MHz	-17.9	5150MHz	4.1	72
5350MHz	-17.3	5350MHz	4.2	69
5550MHz	-24.9	5350MHz	4.5	72
5750MHz	-13.2	5825MHz	4.6	66
5825MHz	-20			

Product Highlight

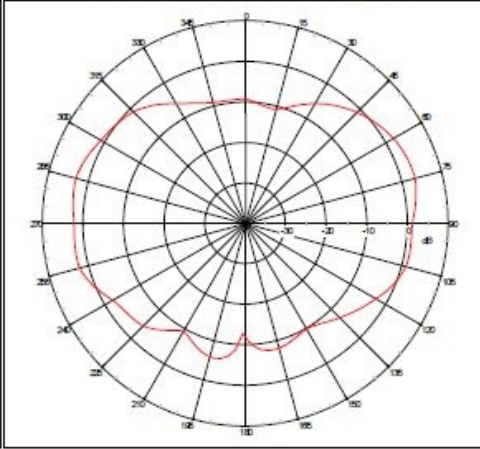


Specification

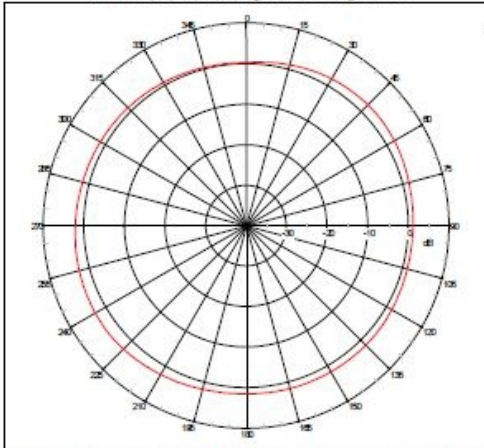
Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)= 2.8 dB; Plot AvgGain(H+V)= -3.2dB @ 2.4000 GHz



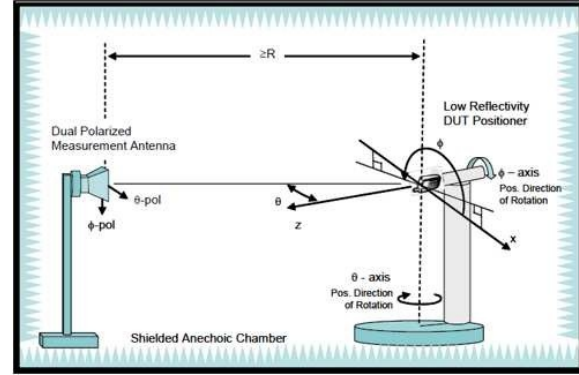
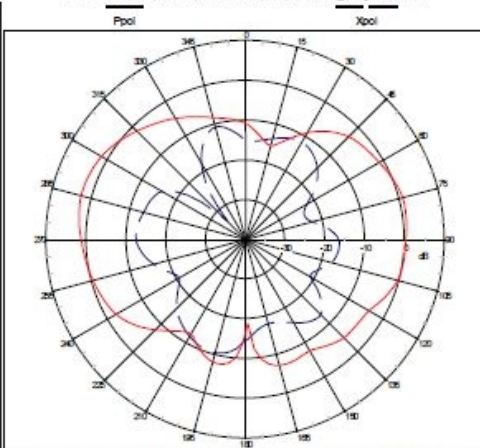
Far-field Power Distribution(H+V) on Y-Z Plane
Plot Peak Gain(H+V)= 3.1 dB; Plot AvgGain(H+V)= -2.5dB @ 2.4000 GHz



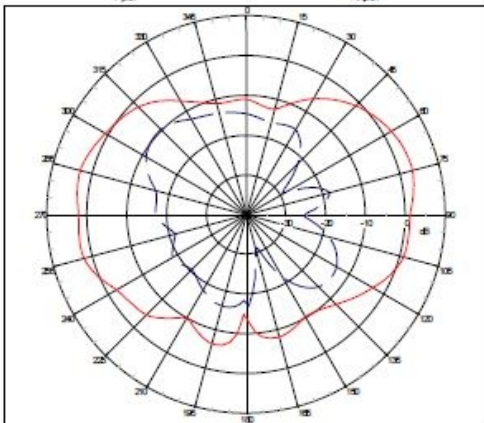
Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= 2.9 dB; Plot AvgGain(H+V)= 1.6dB @ 2.4000 GHz



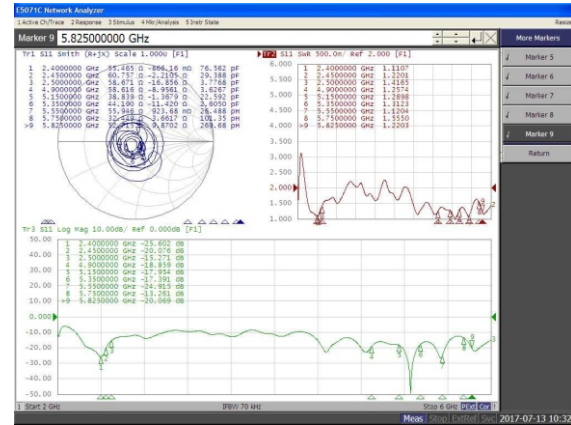
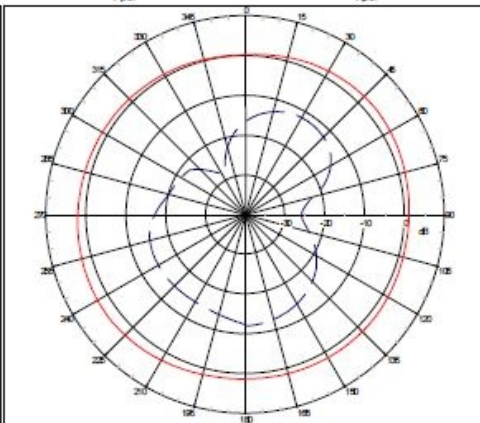
Far-field Patterns of H-Pol & V-Pol @ Phi=0 deg (X-Z Plane-Cut)
Plot PeakGain(H-Pol)= 2.7 dB; Plot PeakGain(V-Pol)= -10 dB @ Freq 2.4000 GHz



Far-field Patterns of H-Pol & V-Pol @ Phi=90 deg (Y-Z Plane-Cut)
Plot PeakGain(H-Pol)= 3.1 dB; Plot PeakGain(V-Pol)= -9.6dB @ Freq 2.4000 GHz



Far-field Patterns of H-Pol & V-Pol @ Theta=90 deg (X-Y Plane-Cut)
Plot PeakGain(H-Pol)= 2.9 dB; Plot PeakGain(V-Pol)= -11.8dB @ Freq 2.4000 GHz



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