

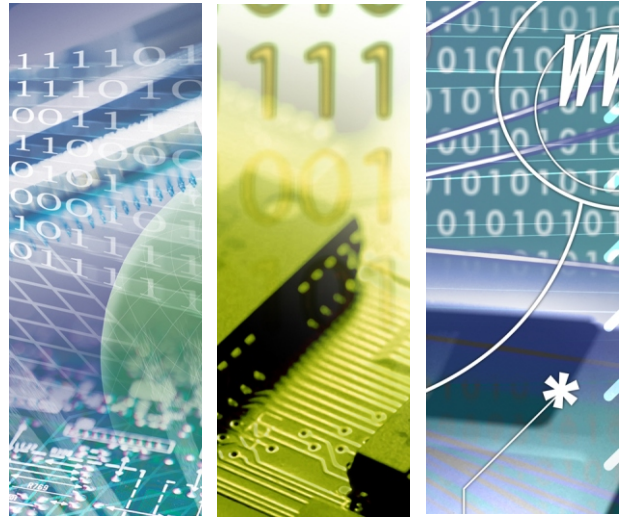


TWRN-9161202-281

2.4GHz + 5GHz WiFi Antenna



High Sensitivity Type Wifi Antenna



TWRN-9161202-281

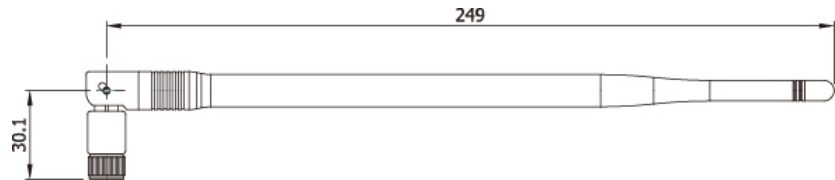
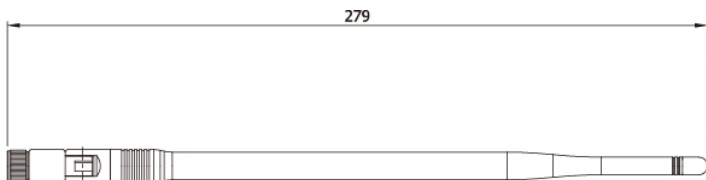
Introduction of Product

Antenna,WIFI,28cm,2.4GHz+5GHz,5.16dbi+4.14dbi
Enhancement Omni antenna, 2.4/5.8GHz,28cm (FF)

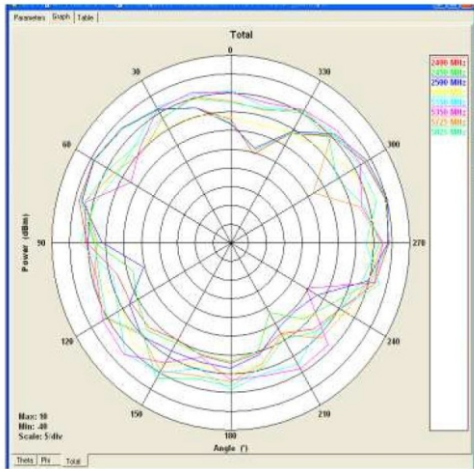
Product Highlight



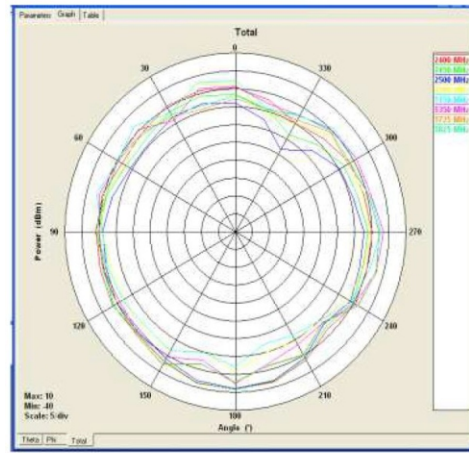
Return Loss		3D total Peak Gain & Efficiency		
Frequency	ANT_1	Frequency	ANT_1	
	(dB)		Peak Gain (dBi)	Efficiency (%)
2400 MHz	-21	2400 MHz	4.71	81%
2450 MHz	-23	2450 MHz	4.76	75%
2500 MHz	-24	2500 MHz	5.16	74%
4900 MHz	-15	4900 MHz	2.81	41%
5150 MHz	-21	5150 MHz	3.43	58%
5350 MHz	-15	5350 MHz	4	60%
5725 MHz	-18	5725 MHz	4.22	50%
5825 MHz	-13	5825 MHz	4.14	52%



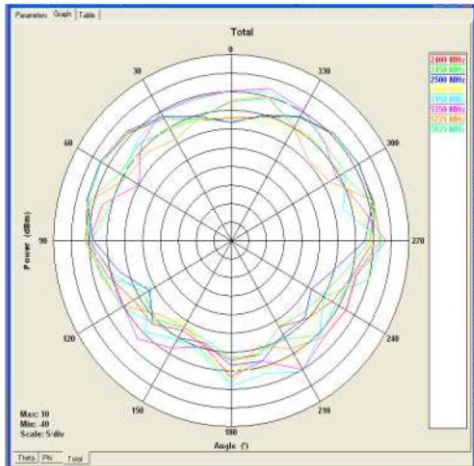
Specification



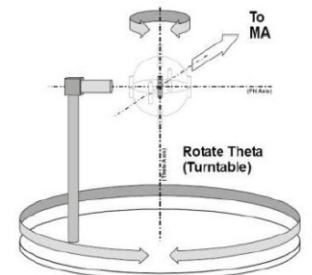
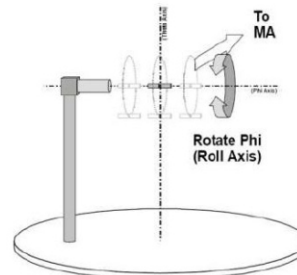
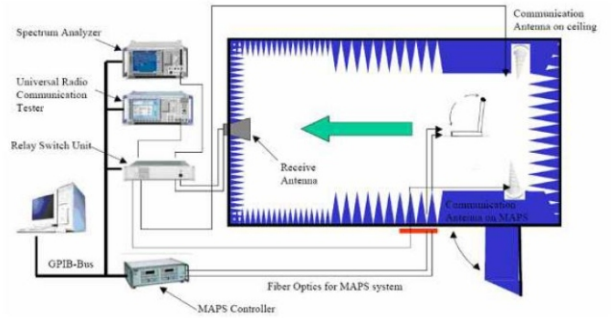
X-Z Plane



X-Y Plane



Y-Z Plane



1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1	S11	Smith (R+jX)	Scale	1.000U	[F2]
1	2.4000000	GHz	57.059	Ω	5.6962 Ω 3;
2	2.4500000	GHz	55.139	Ω	4.4070 Ω 2;
3	2.5000000	GHz	55.591	Ω	2.5072 Ω 1;
4	4.9000000	GHz	35.644	Ω	4.8414 Ω 1;
5	5.1500000	GHz	59.483	Ω	8.6683 Ω 2;
6	5.3500000	GHz	36.894	Ω	16.250 Ω 4;
7	5.7250000	GHz	39.288	Ω	9.9007 Ω 2;
>8	5.8250000	GHz	61.55	Ω	20.393 Ω 5!

Tr2	S11	SWR	1.000/	Ref 1.000	[F2]
1	2.4000000	GHz	1.1849		
2	2.4500000	GHz	1.1375		
3	2.5000000	GHz	1.1232		
4	4.9000000	GHz	1.4290		
5	5.1500000	GHz	1.1884		
6	5.3500000	GHz	1.4050		
7	5.7250000	GHz	1.2726		
>8	5.8250000	GHz	1.5582		

Recall State	
State01	
State02	
State03	
State04	



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