

ESP ANT D Specification

Summary

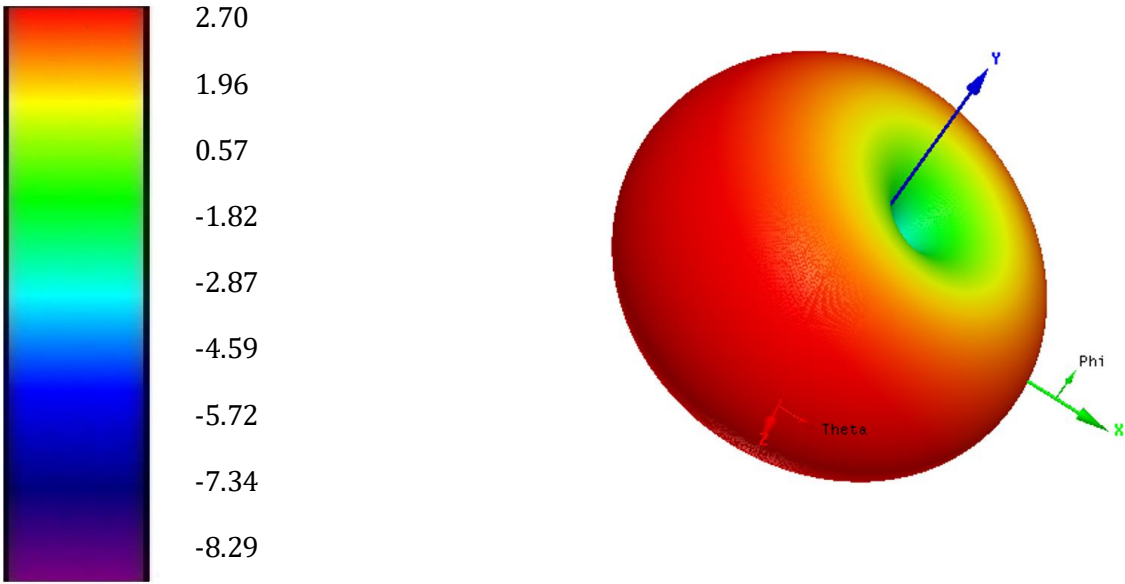
ITEM	ANT SPEC
Product Name	ESP-ANT D
Model	ESP ANT D
Frequency Range	2400 ~ 2500 MHz
Max Gain	2.70 dBi
Antenna Type	PCB Antenna
Impedance	50 ohm
Antenna Size	12.4mm * 5.1mm * 0.8mm
Manufacture	Espressif Systems
Company Address	#101, Block 2, 690 Bibo Road, Zhang Jiang High-Tech Park, Shanghai, China

Test Results

Gain and Efficiency

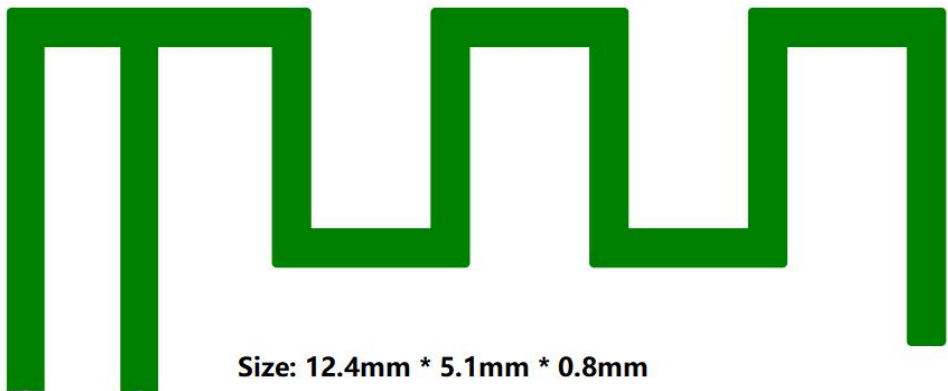
Test Item	Test State	Frequency (MHz)	Efficiency (%)	Gain (dBi)	Note
Gain	Free Space	2400	65.17	1.82	Vertical 30°
		2412	66.61	2.05	
		2417	67.86	2.13	
		2422	70.65	2.24	
		2427	72.01	2.65	
		2432	73.06	2.70	
		2437	72.68	2.62	
		2442	71.99	2.55	
		2447	70.81	2.42	
		2452	70.82	2.44	
		2457	69.53	2.18	
		2462	68.13	2.14	
		2467	69.14	2.18	
		2472	68.85	2.16	
		2477	69.53	2.20	
		2482	68.24	2.10	
		2490	68.14	2.13	
		2500	65.6	2.04	
Note: comment variation is +/- 0.02dBi					

3-D Pattern Plots



Frequency (MHz)	Max Gain (dBi)
2432	2.70

Antenna Size



Size: 12.4mm * 5.1mm * 0.8mm

EUT Appearance

