

**Quick
Reference Date**

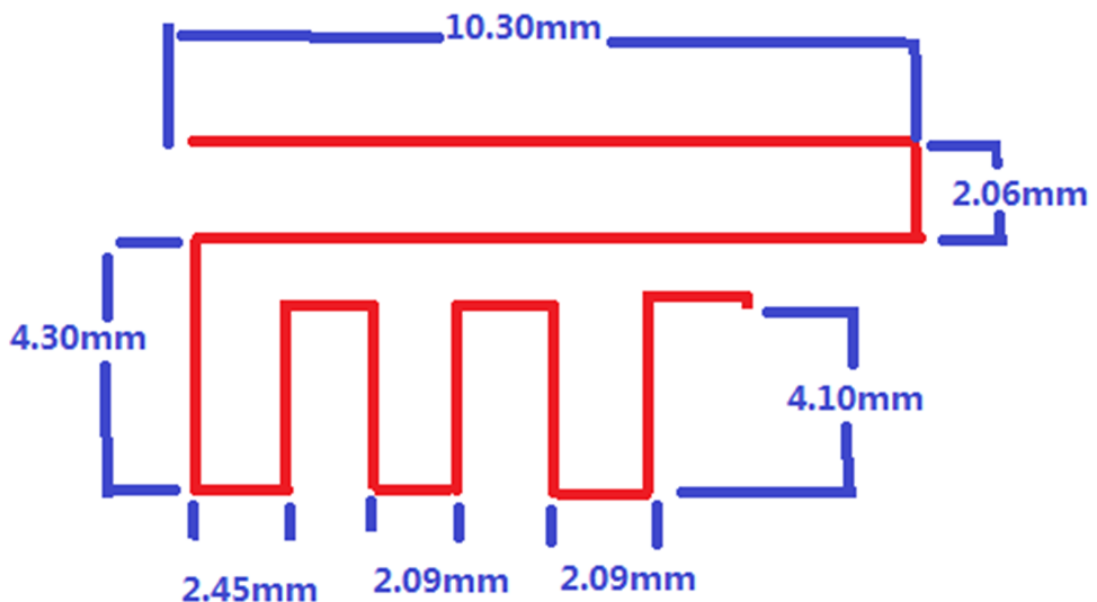
	Dipole Antenna
Model	ESP8266A
Frequency	2400~2500,
Ant. Port Input Pwr. (dBm)	0
Tot. Rad. Pwr. (dBm)	-2.3 (Input pwr – loss pwr)
Peak EIRP(dBm)	1.3
Directivity (dBi)	1 (all direction antenna)
Efficiency (dB)	-2.3 (58.5%)
Gain (dBi)	1.0(Peak Gain)
Maximum Power (dBm)	0.5
Minimum Power (dBm)	-13.1
Manufacturer:	Espressif Information Technology Co., Ltd.
Address	Room 204, Building 2, No. 690 Bibo Road, China (Shanghai) Pilot Free Trade Zone
All the technical data and information contained herein are subject to change without prior notice	

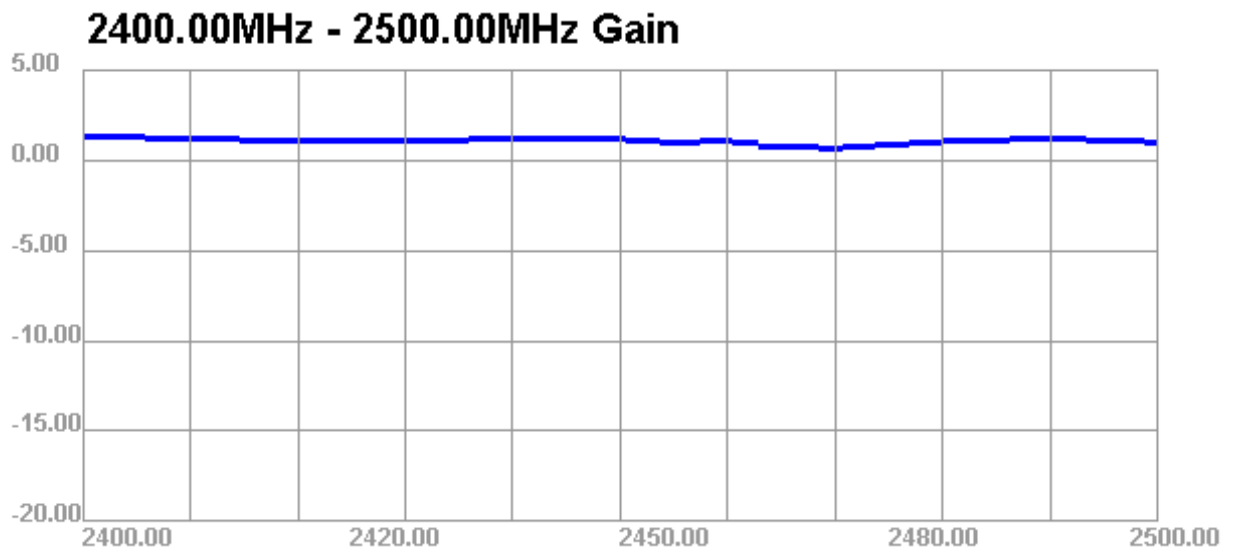
Inverted Antenna Specification

Summary

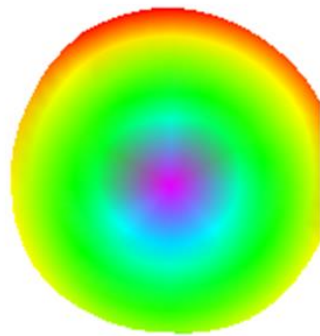
Passive Test					
Freq (MHz)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)
2400	-2.35	0.09	-0.06	0.09	-13.07
2410	-2.32	0.19	-0.16	0.19	-13.1
2420	-2.34	0.23	-0.32	0.23	-12.84
2430	-2.13	0.44	-0.31	0.44	-12.11
2440	-1.78	0.38	-0.17	0.38	-11.38
2450	-1.53	0.23	-0.22	0.23	-10.9
2460	-1.5	1.00	-0.56	0.50	-10.89
2470	-1.41	0.45	-0.7	0.45	-11.05
2480	-1.32	0.11	-0.34	0.11	-11.42
2490	-1.22	0.28	-0.17	0.28	-12.02
2500	-1.38	0.48	-0.37	0.48	-12.5

Antenna Photo & Length (mm)

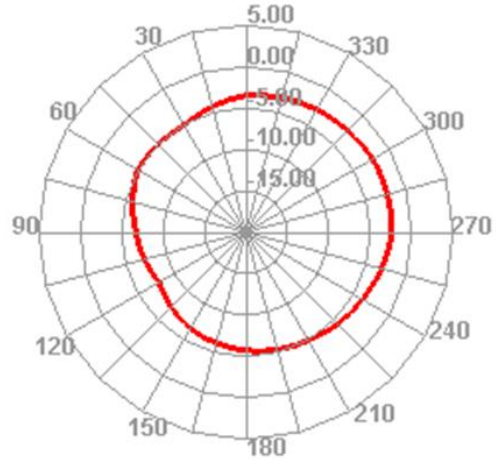




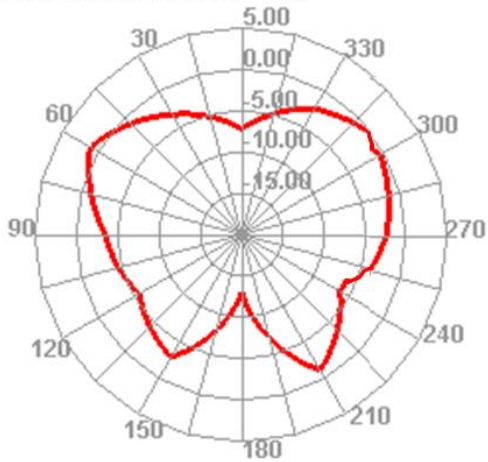
2400.000MHz



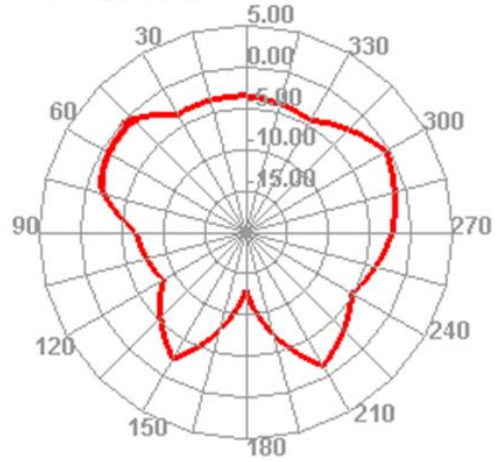
2400.000MHz H



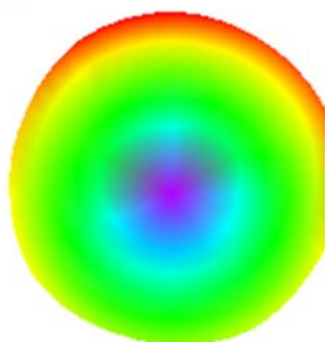
2400.000MHz E1



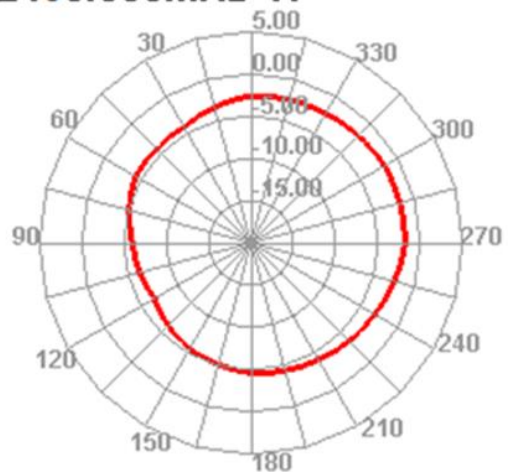
2400.000MHz E2



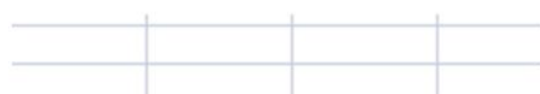
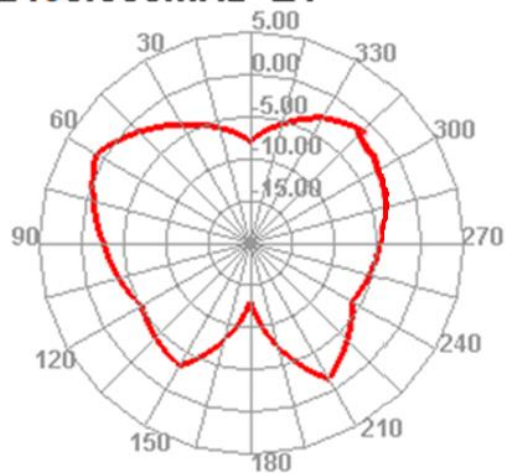
2460.000MHz



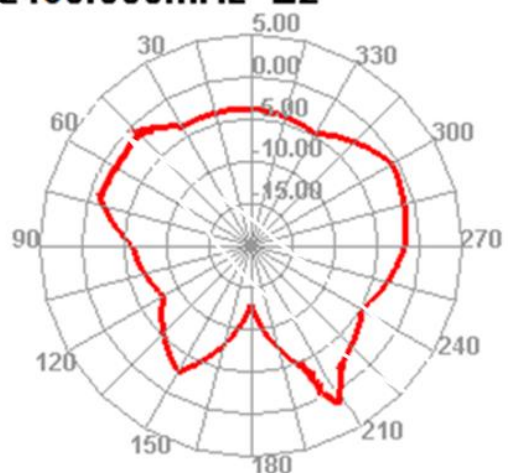
2460.000MHz H



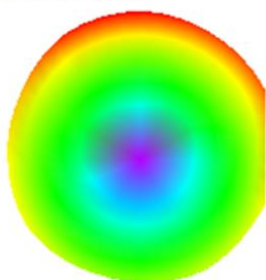
2460.000MHz E1



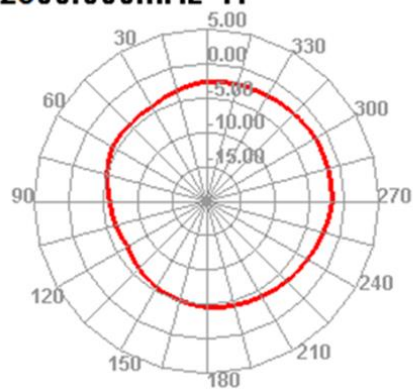
2460.000MHz E2



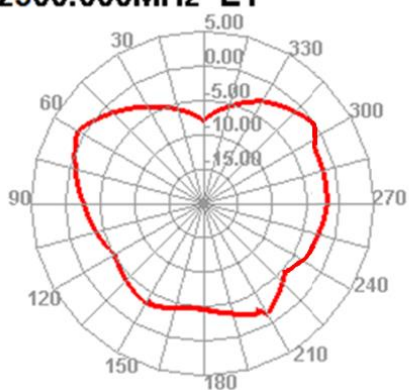
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

