

CW889

PCB Antenna

Team Force ELECTRONICS CO., LTD
FULONG INDUSTRIAL ZONE, FULONG VILLAGE, SHIPAI TOWN,
DONGGUAN, GUANGDONG PROVINCE, P.R. CHINA

Applications

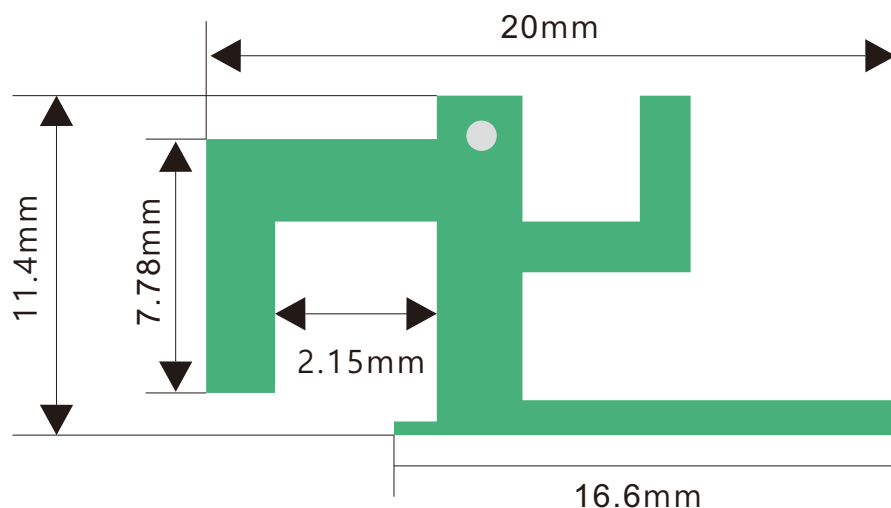
- ❖ 2.4GHz WLAN, Home RF, Bluetooth Modules, etc.

Specifications

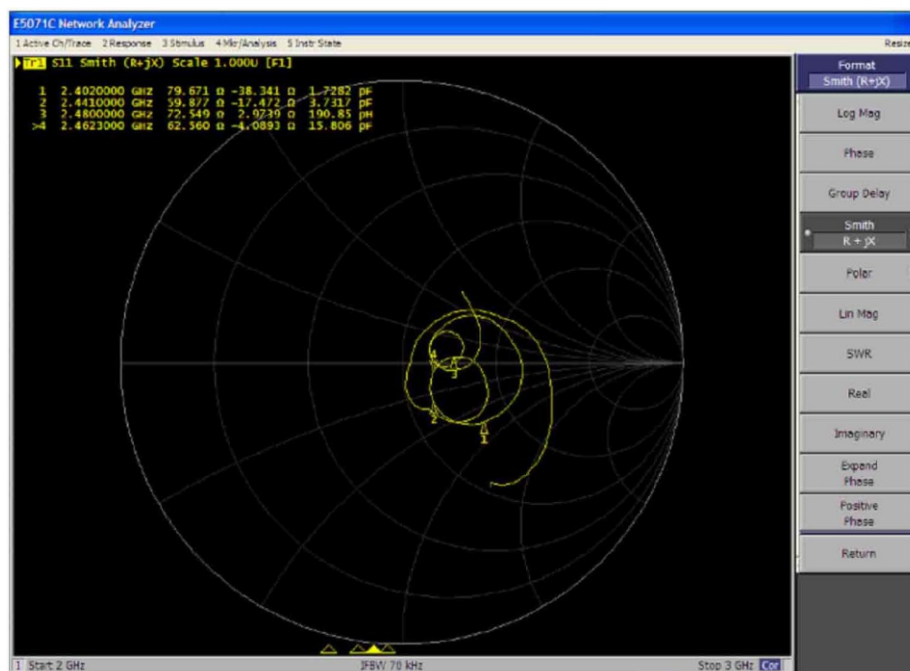
Part Number	Frequency Range (MHz)	Peak Gain (dBi typ.)	VSWR	Impedance
CW889	2400~2500	-1.5 (YZ-V)	2 max.	50 Ω

Operating Temperature Range : -40 ~ +125°C
Storage Temperature Range : -40 ~ +125°C

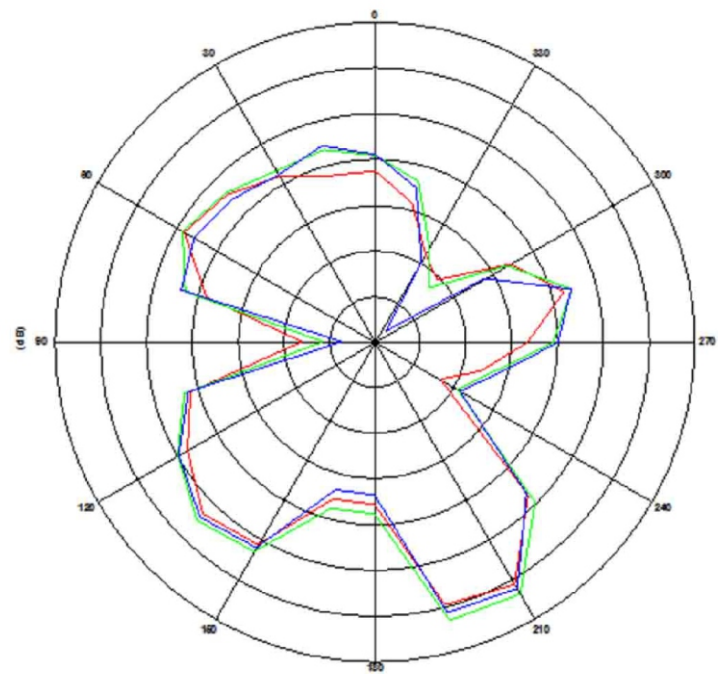
Dimensions



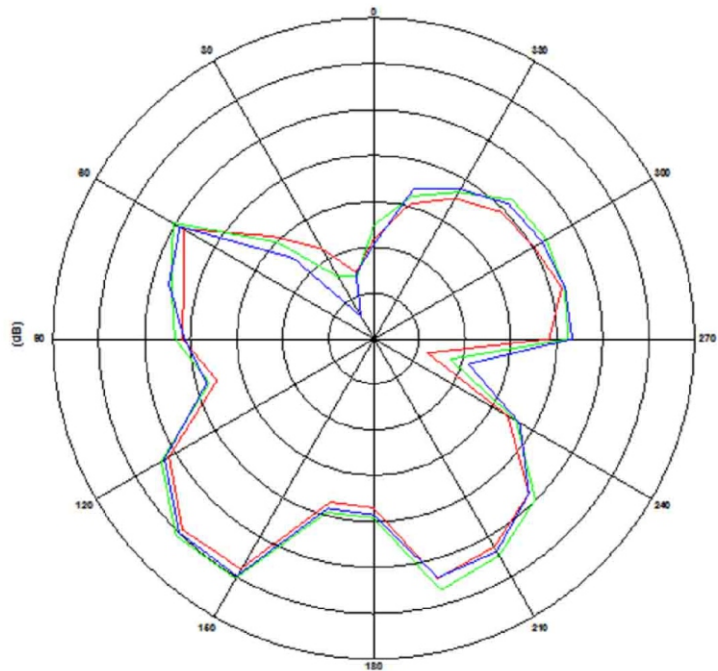
Antenna Smith Chart



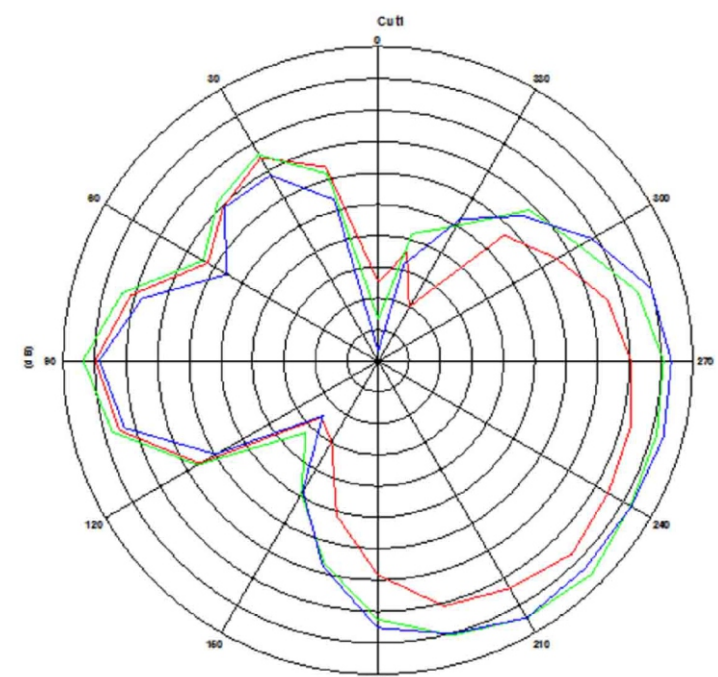
X-Y_v



X-Z_v



Y-Z_v



Antenna gain / Efficiency

Frequency	Gain (dBi)	Effciency()
2400MHz	-1.60	18%
2410MHz	-1.50	18%
2420MHz	-1.55	18%
2430MHz	-1.86	16%
2440MHz	-2.10	14%
2450MHz	-1.86	15%
2460MHz	-1.62	15%
2470MHz	-2.40	13%
2480MHz	-2.96	12%
2490MHz	-2.74	13%
2500MHz	-2.60	13%