

ANT Gain

EBT-21044

SRP COMPANIES

85 RIO GRANDE DRIVE SECOND FLOOR, CASTLE
ROCK, Colorado, United States

Application:

WLAN, 802.11b/g, Bluetooth, WLAN, etc...

Features

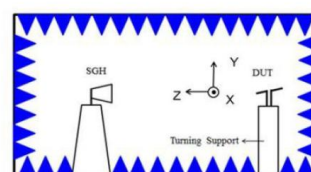
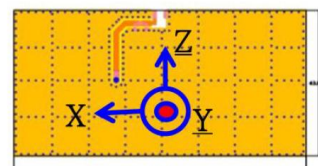
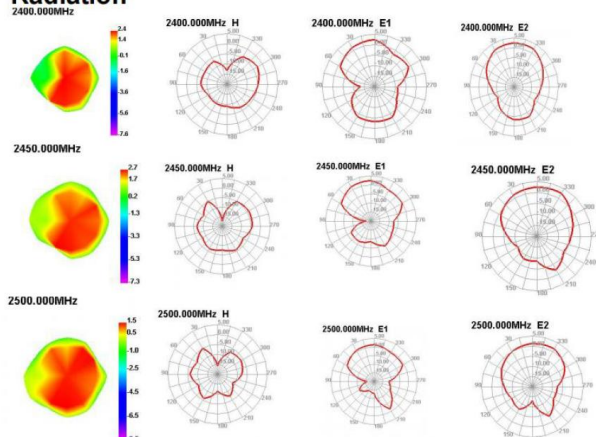
SMD, high reliability, ultra Impact, Omni-directional...

Part number Information

RANT	1206	F	245	S	5
(A)	(B)	(C)	(D)	(E)	(F)
(A)Product Type	Chip Antenna				
(B) Size Code	3.2x1.6mm(±0.1mm)				
(C) Material	High K material				
(D) Frequency	2.4 ~ 2.5GHz				
(E) Feeding mode	PIFA & Single Feeding				
(F) Antenna type	Type=7				

Electrical Specification

Working Frequency Range	2400 ~2500 MHz
Bandwidth	120 MHz (Min.)
Peak Gain	2.7 dBi (Typ.)
Impedance	50 Ohm
Return loss	10 dB (Min)
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Operation Temperature(°C)	-40 ~85 °C
Resistance to Soldering Heats	10sec. (@ 280°C)
Termination	Ni / Au (Leadless)

Radiation

Frequency(MHz)	2400	2450	2500
Efficiency(dB)	-0.91	-0.61	-1.01
Efficiency(%)	62	65	60
Gain(dBi)	2.4	2.7	1.5