

ANT Gain
(FCC ID: 2ATF5-E71855)

SRP COMPANIES
1401 17th Street, Suite 700, Denver, CO 80202, USA

2.4GHz 1608 Chip Antenna: RANT0603F245S6

Application:

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

Features

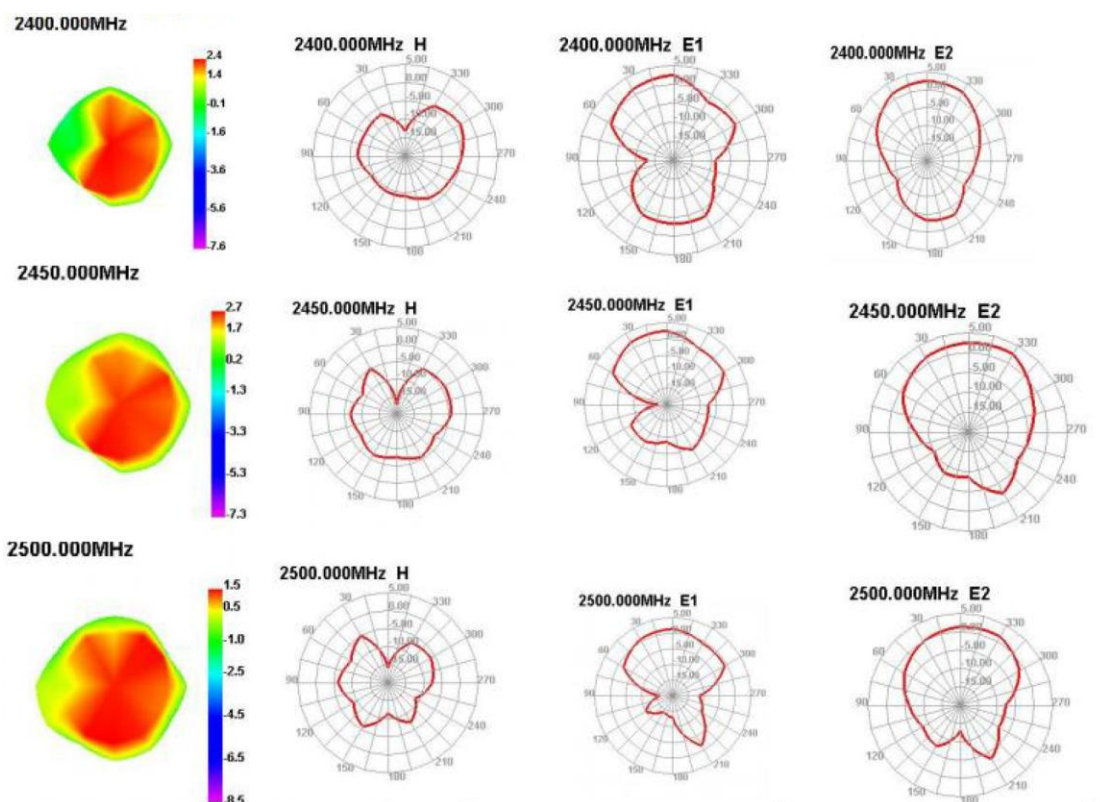
SMD, high reliability, ultra Impact, Omni-directional...

Part number Information

<u>RANT</u> (A)	<u>0603</u> (B)	<u>F</u> (C)	<u>245</u> (D)	<u>S</u> (E)	<u>6</u> (F)
(A)Product Type	Chip Antenna				
(B) Size Code	1.6x0.8mm(±0.1mm)				
(C) Material	High K material				
(D) Frequency	2.4 ~ 2.5GHz				
(E) Feeding mode	PIFA & Single Feeding				
(F) Antenna type	Type=5				

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)



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