

ANTENNA REPORT

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APPLICATIONS

- Bluetooth
- IEEE802.11g/b
- Zigbee systems, etc...



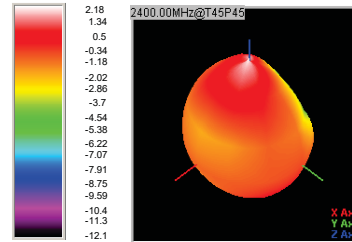
Electrical Characteristics per line(TA= 25°C)

Parameter	Specification	Units
Frequency Band	2400~2483	MHz
Polarization	Line	
Peak Gain	2.67	dBi
Efficiency	72.30	%
Impedance	50	Ω

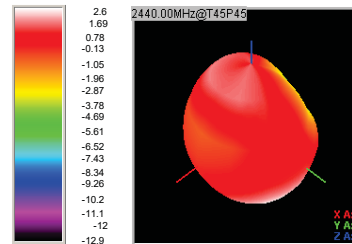
RADIATION PATTERNS

2.4GHz WLAN BAND

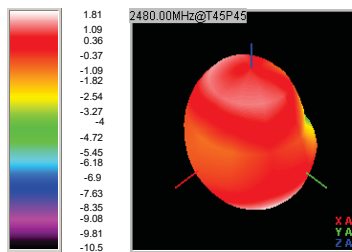
3D Gain Pattern (2400 MHz)



3D Gain Pattern (2440 MHz)



3D Gain Pattern (2480 MHz)



Freq (MHz)	Effi (%)	Gain (dBi)
2400	74.8	2.67
2410	72.59	2.54
2420	71.6	2.25
2430	70.29	2.07
2440	71.23	2.16
2450	72.3	2.37
2460	71.04	2.52
2470	65.95	2.35
2480	64.42	2.42
2490	62.59	2.31
2500	60.01	2.07