

2.4GHz USB GRID Antenna 19dBi for 802.11N UTG-2450-19-25N



SPECIFICATIONS:

Antenna Electrical Specifications

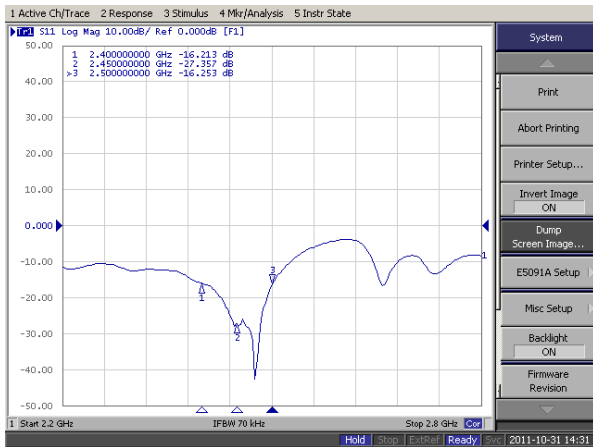
Frequency Range	2400MHz - 2484MHz
V.S.W.R	≤1.5
Return Loss	≤-14db
Gain	19dBi
Antenna Type	Collinear
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	16°
Horizontal Beam-with	12°
Impedance	50Ω
Connector	USB 5m CABLE

Technical Information

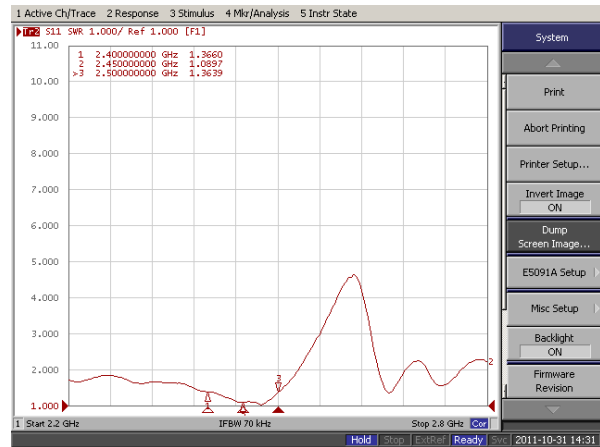
Standard	IEEE 802.11b/g/n
RFOutput Power(Typical)	802.11b: up to 25 ± 1 dBm
	802.11g: up to 20 ± 1 dBm
Data Rate	802.11n: up to 19 ± 1 dBm
	802.11b:11, 5.5, 2 and 1 Mbps with auto-rate fall back
	802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps
Size	802.11n(20MHz):up to 72Mbps
Weight	802.11n(40MHz): up to 150Mbps
Operation Voltage	L580 x D34mm
	775g
	5V

Category	Item	Description
General	Standards	IEEE 802.11b/g/n USB 2.0 standard
	Data Rate	802.11b:11,5.5,2 and 1 Mbps with auto-rate fall back 802.11g:54,48,36,24,18,12,9&6 Mbps 802.11n(20MHz): up to 72Mbps 802.11n(40MHz): up to 150Mbps
	OS Supported	Windows®2000, XP 32/64, Vista 32/64, Win7 32/64
Hardware	Chipset	RT8188SU
	Channel	1~11 channels (North America) 1~13 channels (General Europe) 1~14 channels (Japan)
	Frequency Stability	2.400GHz ~ 2.484GHz
	Data Modulation Type	-92dBm @ 802.11g -96dBm @ 802.11b -90dBm @ 802.11n
	Power	5V DC
	Security	64/128bit WEP WPA(TKIP with IEEE 802.1x) WPA2(AES with IEEE 802.1x) WPA Mixed
	Operating Temp	0°C ~ +60°C
Environment Spec	Storage	-20°C ~ 70°C ambient temperature
	Humidity	10% ~ 90% (Non-condensing)

Return Loss



V.S.W.R



Hwayaotek

NO.6 ,Ln.48, Nanxing Rd., Yongkang Dist,
Tainan City 710, Taiwan (R.O.C)

TEL: +886-6-2712809
FAX: +886-6-2712870
<http://www.hwayaotek.com.tw>
Email:sales@hwayaotek.com.tw