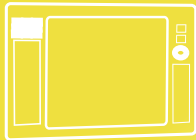




Wellshow
Always Innovation



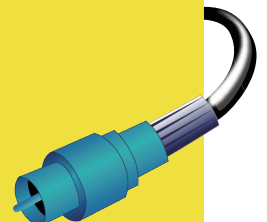
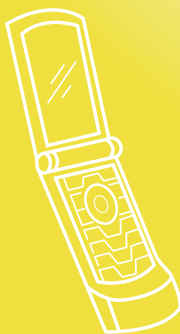
047



PRODUCT SPECIFICATION

AR006 WLAN 2.4/5.8GHz Antenna Swivel Type

Product No. AR006WSW0319N (RP-SMA Plug)
AR006WSW0301N (SMA Plug)



RF Connector, RF Cable & Antenna Manufacturer

E-mail: sales@wellshow.com.tw
Tel: +886-2-24239376 Fax: +886-2-24260387
9F., No.181, Nanrong Rd., Ren-ai Dist., Keelung City 200, Taiwan (R.O.C.)



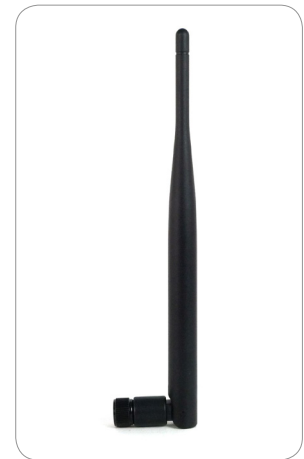
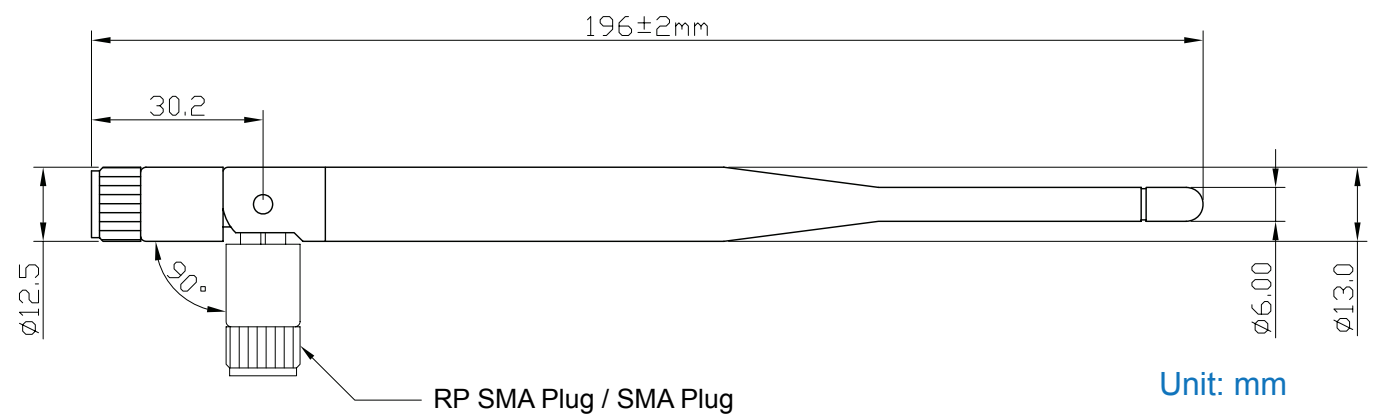
WLAN 2.4/5.8GHz Antenna

Swivel type

P/N AR006WSW0319N (RP-SMA Plug)

P/N AR006WSW0301N (SMA Plug)

Structure Figure



Mechanical

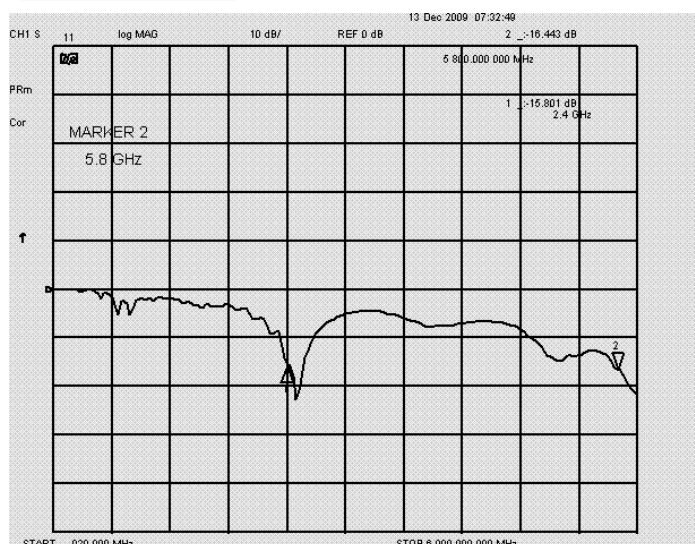
Antenna Cover	TPEE (Black)
Antenna Base	PC + PBT (Black)
Operating Temperature	-20°C~+65°C
Storage Temperature	-30°C~+75°C
Connector	RP-SMA Plug (19N) SMA Plug (01N)
Cable Type	RG316

Electrical

Frequency Range	2.4/5.8 GHz
Impedance	50 Ω
Return Loss	-15.8 dB @ 2.4 GHz -16.4 dB @ 5.8 GHz
Certain direction	Omni
V.S.W.R	< 2.0 : 1
Gain	4.30dBi/2.4GHz 3.94dBi/5.8GHz

Test results

Return Loss

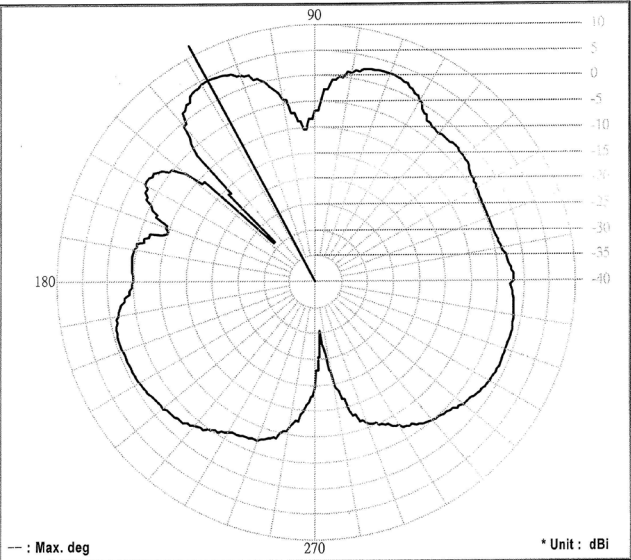




Gain

Brand / Model : AR006WSW0319N
Remark : H Plan
Sample No. 02
Tested by : Vison

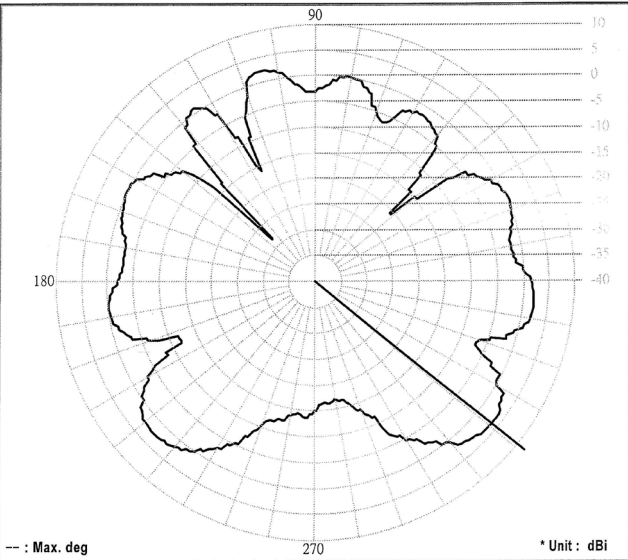
Location: RF chamber 3 Date: 2010/10/11 Time: 下午 04:24:58
Temperature (°C): 25 Humidity (%): 75 Approved by:



Frequency (MHz) : 2400.00 Antenna Polarity : Horizontal Average Value (dBi) : -2.11
Maximum Value (dBi) : 4.30 Maximum Value (degree) : 118
Minimum Value (dBi) : -30.34 Minimum Value (degree) : 275
V 6.2

Brand / Model : AR006WSW0319N
Remark : H Plan
Sample No. 02
Tested by : Vison

Location: RF chamber 3 Date: 2010/10/11 Time: 下午 04:28:13
Temperature (°C): 25 Humidity (%): 75 Approved by:



Frequency (MHz) : 5800.00 Antenna Polarity : Horizontal Average Value (dBi) : -1.36
Maximum Value (dBi) : 3.94 Maximum Value (degree) : 321
Minimum Value (dBi) : -28.40 Minimum Value (degree) : 135
V 6.2