



WHA YU INDUSTRIAL CO., LTD. (HEAD OFFICE)  
 DONGGUAN AEON TECH CO.,LTD.(CHINA)  
 TAI HWA ELECTRONIC CO., LTD.(CHINA)  
 SHANGHAI HUA YU ELECTRONIC CO., LTD.(CHINA)  
 SU ZHOU AEON TECH CO., LTD. (CHINA)

## SPECIFICATION FOR APPROVAL

**CUSTOMER:** 華碩電腦科技股份有限公司

**PART NAME:** *Extetal Dual Band Antenna*

**PART NO.:**

**W. Y. P/NO.:** *C660S540187-A*      **REVISION:** *XI*

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :	<i>Andrew Liu</i>	
DATE :	<i>2007.09.20</i>	

### WHA YU GROUP

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# External Dual Band Antenna

## Specification

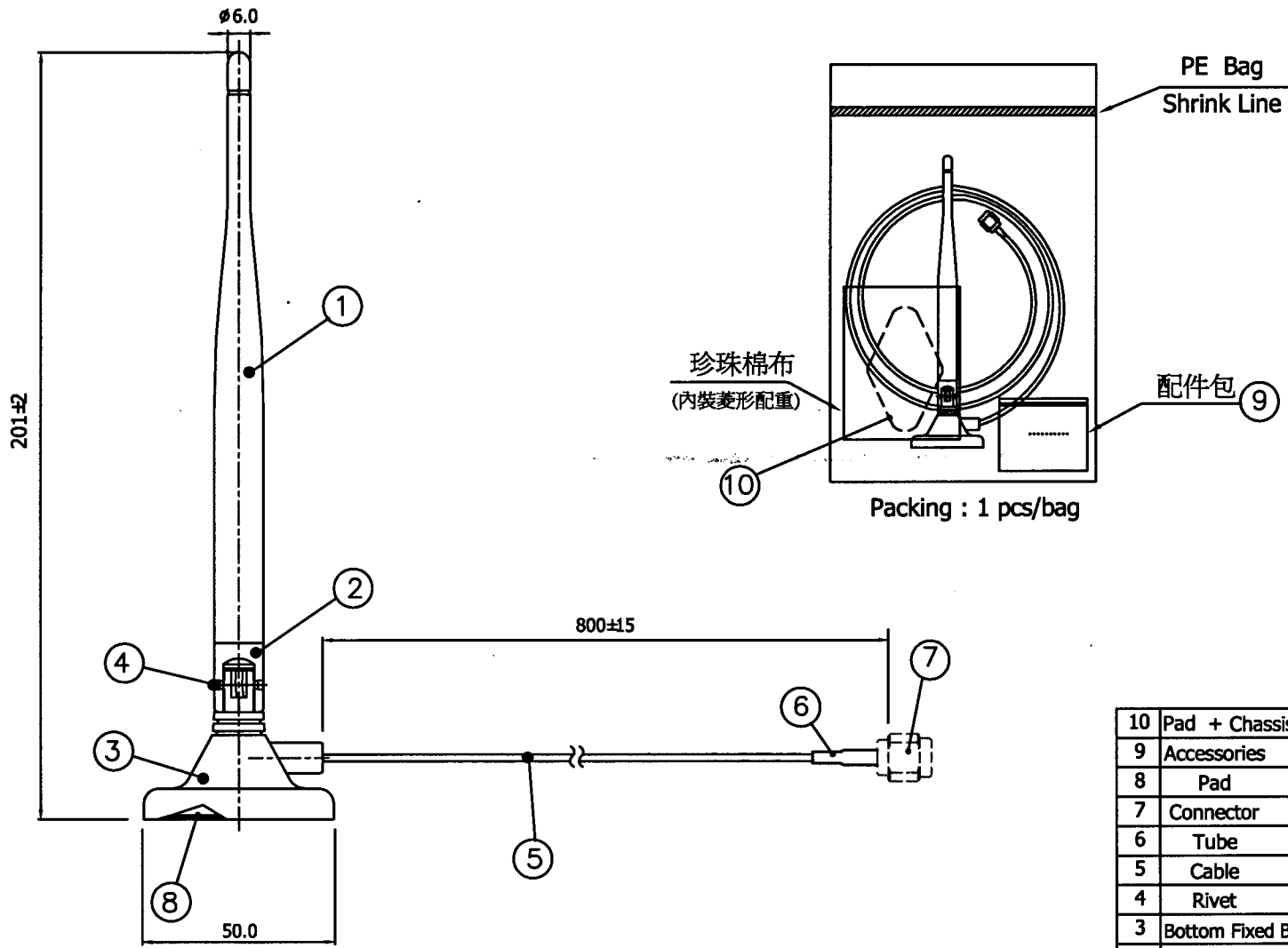
### 1. Electrical Properties :

- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz /4.9GHz~5.825GHz
- 1.2 Impedance ..... 50 Nominal
- 1.3 VSWR ..... 1.92 : 1 Max.
- 1.4 Return Loss..... -10 dB Max.
- 1.5 Radiation ..... Omni-directional
- 1.6 Gain..... 2dBi typ. (excluding cable loss)
- 1.7 Cable Loss..... 2.6dB Max.
- 1.8 Polarization..... Linear; Vertical
- 1.9 Admitted Power..... 1W
- 1.10 Cable..... RG-174 Coaxial Cable
- 1.11 Connector..... SMA Plug Straight Reverse

### 2. Physical Properties :

- 2.1 Antenna Cover..... TPE
- 2.2 Antenna Base..... PC
- 2.3 Antenna Base..... PC
- 2.4 Operating Temp. .... -10 ~ +60
- 2.5 Storage Temp. .... -10 ~ +70
- 2.6 Color ..... Black

REV	DATE	DESCRIPTION
X1	9/20-07	New Issue



10	Pad + Chassis	Rhombus Rubber Sticker;SPHC ; Plated Zn	1	
9	Accessories	(Screw*6) 、(Plastic*3)	1	
8	Pad	Round Rubber Sticker	1	
7	Connector	SMA Plug Straight Reverse	1	
6	Tube	Heat Shrink Tube	1	
5	Cable	RG-174 Cable	1	
4	Rivet	POM Black	2	
3	Bottom Fixed Base	PC Color : Black	1	
2	Antenna Base	PC Color : Black	1	
1	Antenna Body	TPE Color : Black	1	
NO		DESCRIPTION	QTY	REMARK

CUSTOMER'S SIGNATURE

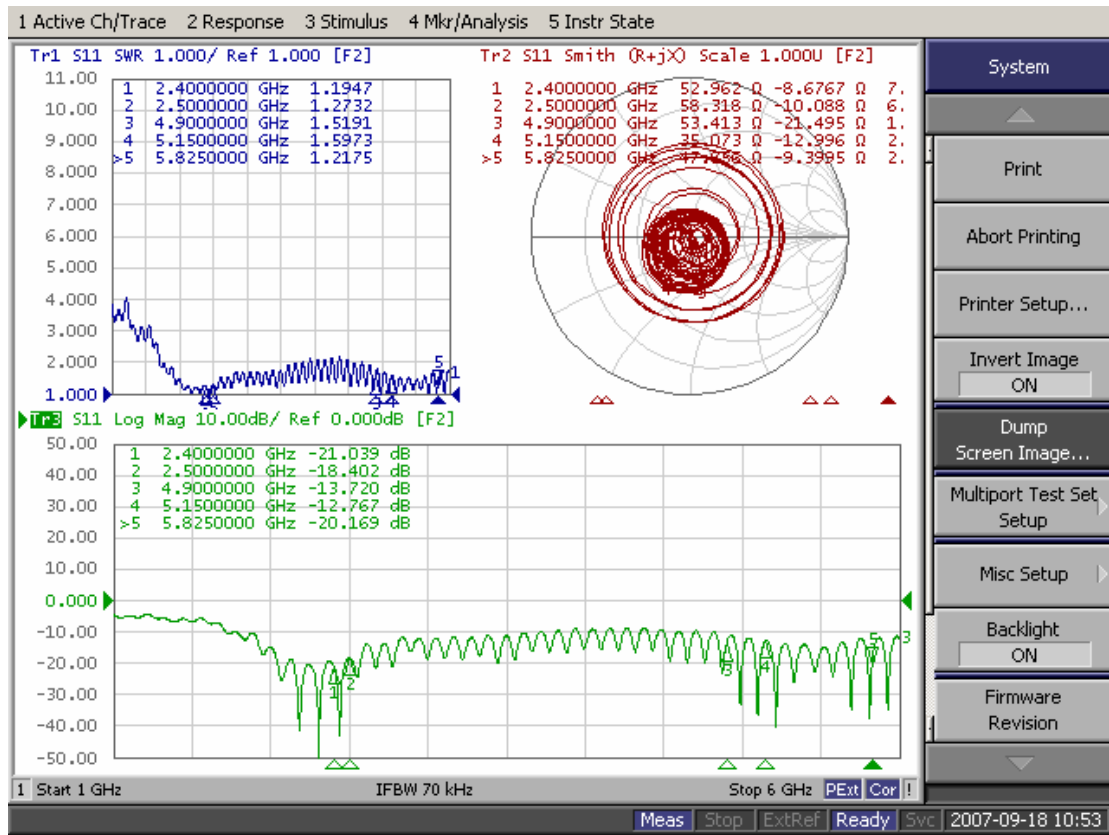
APPROVED  
 X.X ±3.0  
 X.X ±2.0  
 X.X ±1.0  
 X.X ±0.5  
 X.XX ±0.1  
 DRAWING  
 林玲 9/20-07

CUSTOMER: ASUS  
 PART NO :  
 PARTNAME: External Dual Band Antenna  
 W.Y P/NO : C660S540187-A  
 REV UNIT FILE : SSR-73019  
 X1 m/m SHEET : 1/1

**M.gear** Wha Yu Group

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RF Antenna Cable Assembly  
 P/NO:C660S540187-A SPEC:2.4~2.5GHz/4.9~5.825GHz NO:SSR-73019



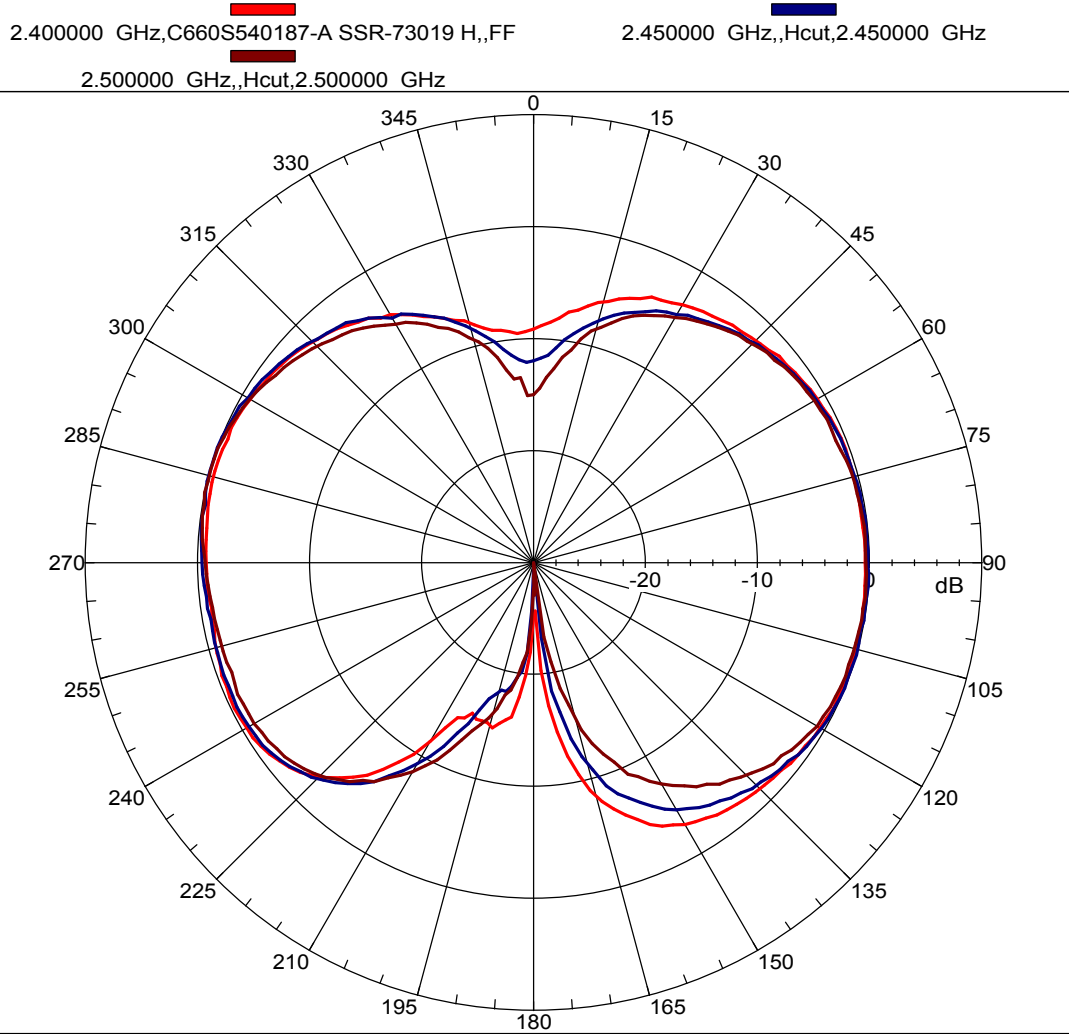
RF Antenna Cable Assembly

P/NO:C660S540187-A SPEC:2.4~2.5/4.9~5.825GHz NO:SSR-73019

S11:Signal

S22:SMA Plug Reverse

Far-field amplitude of C660S540187-A SSR-73019 H.nsi





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Group

RF Antenna Cable Assembly

P/NO:C660S540187-A

SPEC:2.4~2.5/4.9~5.825GHz

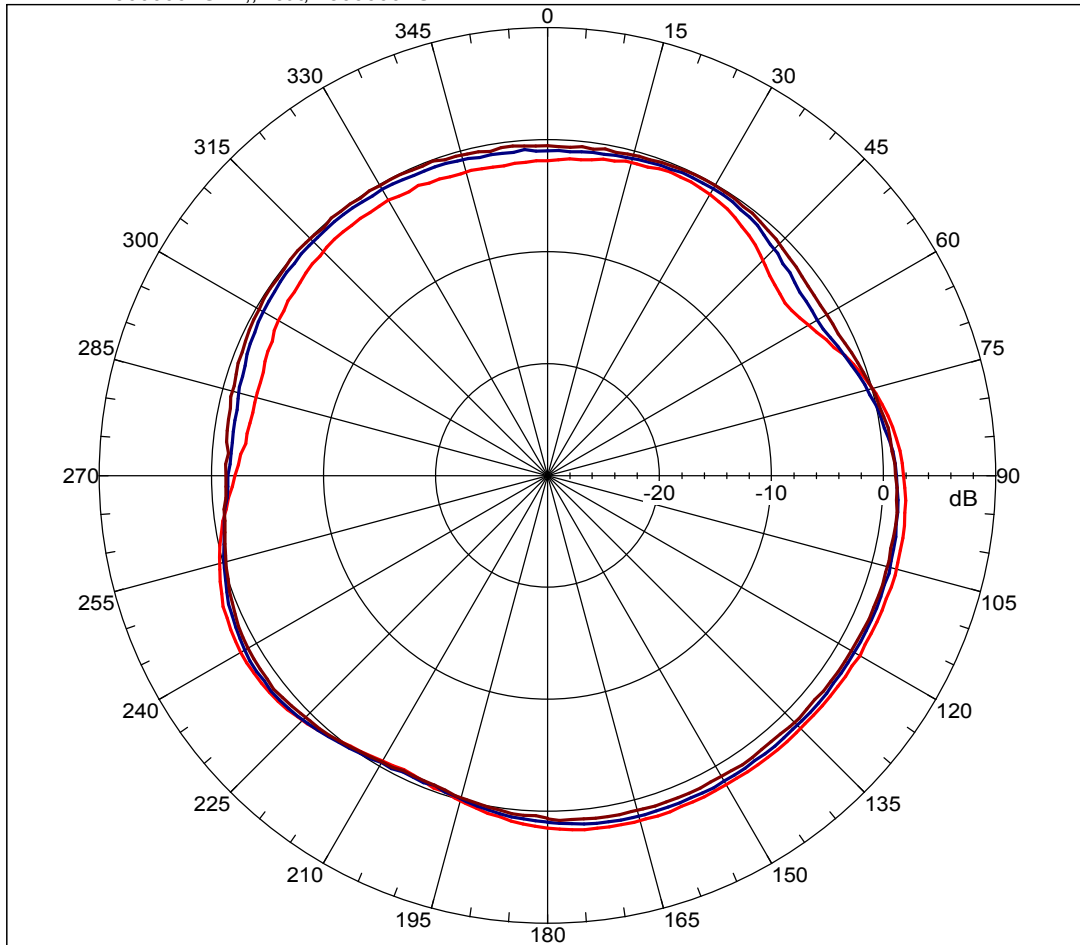
NO:SSR-73019

S11:Signal

S22:SMA Plug Reverse

Far-field amplitude of C660S540187-A SSR-73019 V.nsi

2.400000 GHz,C660S540187-A SSR-73019 V,,FF  
2.450000 GHz,,Hcut,2.450000 GHz  
2.500000 GHz,,Hcut,2.500000 GHz



2007.9.18

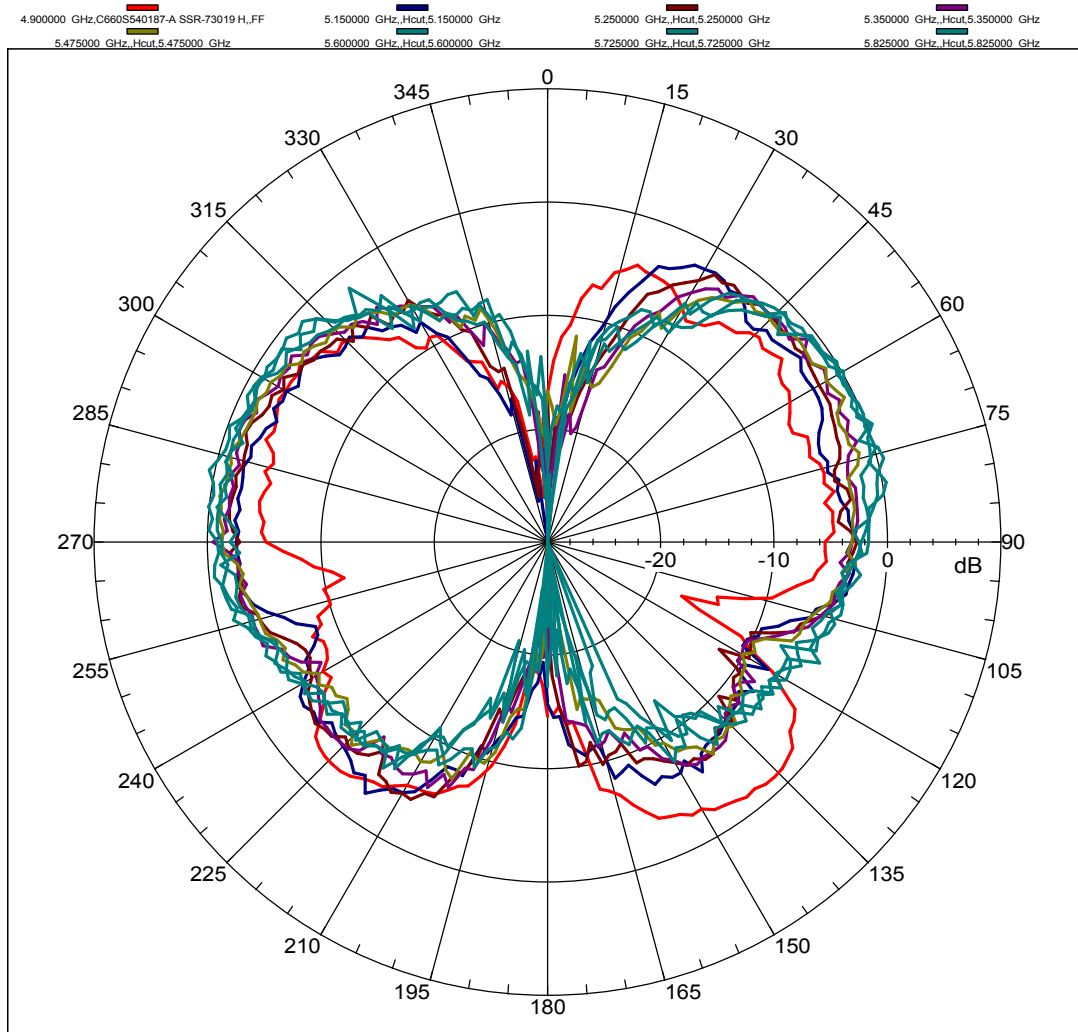
RF Antenna Cable Assembly

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Far-field amplitude of C660S540187-A SSR-73019 H.nsi



2007.9.18



RF Antenna Cable Assembly

P/NO:C660S540187-A

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Far-field amplitude of C660S540187-A SSR-73019 V.nsi

