



WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)
 DONGGUAN AEON TECH CO.,LTD.(CHINA)
 SUZHOU AEON TECH CO.,LTD.(CHINA)
 AEON TECH (SHANGHAI) CO.,LTD(CHINA)
 DONGGUAN PARNER TECH CO.,LTD.(CHINA)



SPECIFICATION FOR APPROVAL

CUSTOMER: 明泰科技股份有限公司 產地: 大陸吳江市。東莞市

PART NAME: RF Antenna Assembly 產品單重:19320mg

PART NO.: **REVISION:**

W. Y. P/NO.: C037-510912-A(SSR-81849) **REV.:** X1

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :	Romeo 	
DATE :	5/23/08	

WHA YU GROUP

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RF Antenna Assembly

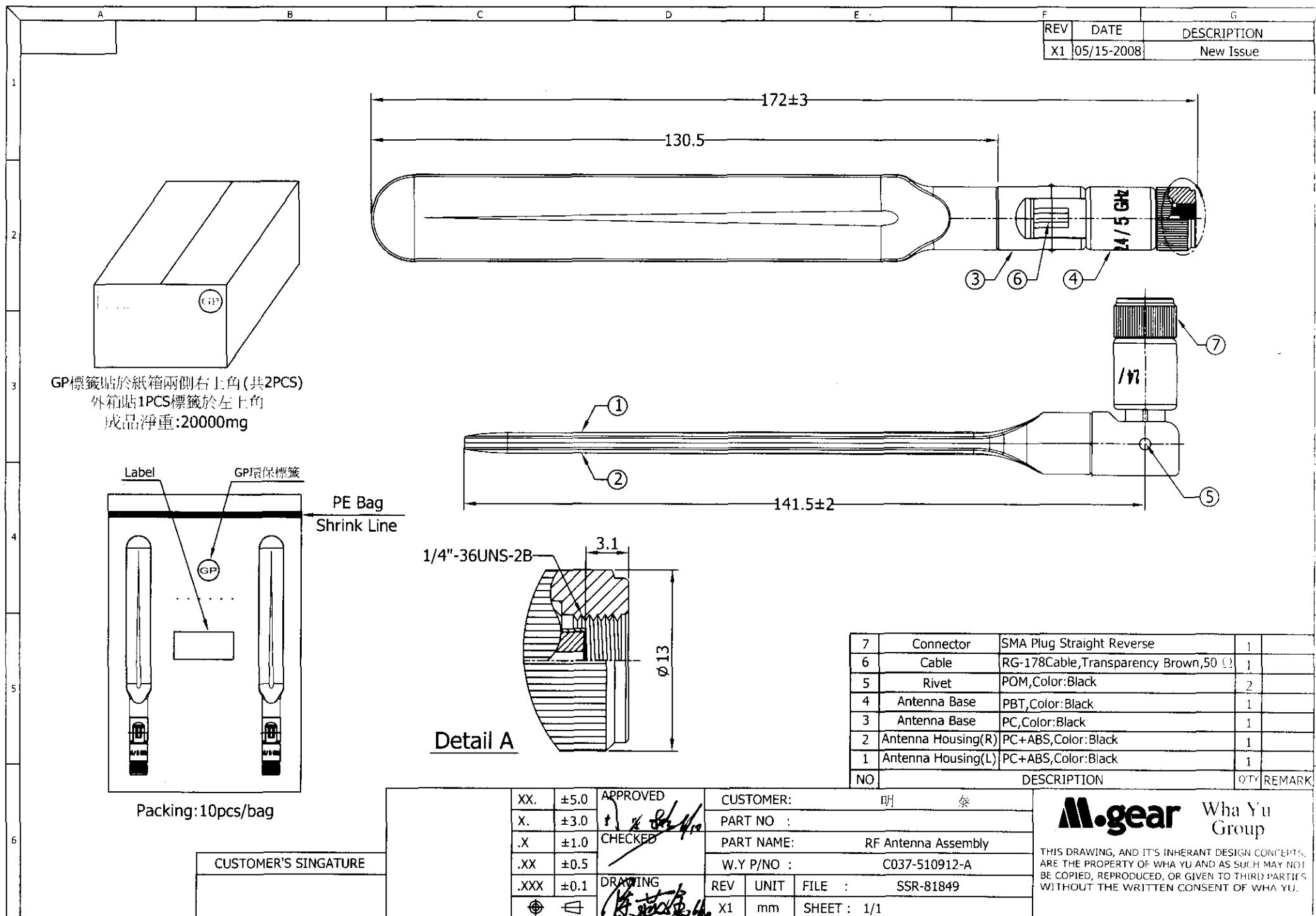
Specification

1. Electrical Properties :

- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz ;4.9GHz~5.825GHz
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR 1.92 :1Max.
- 1.4 Return Loss..... -10 dB Max.
- 1.5 Radiation Omni-directional
- 1.6 Gain(peak)..... 3.0dBi @ 2.4GHz ~ 2.5GHz
5.0dBi @ 4.9GHz ~ 5.825GHz
- 1.7 Polarization..... Linear; Vertical
- 1.8 Admitted Power..... 1W
- 1.9 Cable..... RG-178 Coaxial Cable
- 1.10 Connector..... SMA Plug Reverse

2. Physical Properties :

- 2.1 Antenna Housing(L)..... PC+ABS
Antenna Housing(R)..... PC+ABS
- 2.2 Antenna Base..... PC
- 2.3 Antenna Base..... PBT
- 2.4 Operating Temp. -10°C ~ +60°C
- 2.5 Storage Temp. -10°C ~ +70°C
- 2.6 Color Black





譚裕實業股份有限公司

WHA YU INDUSTRIAL CO., LTD

BILL OF MATERIAL

CUSTOMER P/N: 明泰科技股份有限公司

DATE:2008.05.16

W.Y.P/N:C037-510912-A

PART NO:SSR-81849

PART NAME:RF Antenna Assembly

REV:X1

序號	零件名稱	供應商	規格描述	UL 防火等級
1	Cable	NI ZING	RG-178 Cable,透明棕,50Ω	105°C 30V
2	Connector	SHIYANG	Reverse.Straight.Plug, RG-178.6GHz(黑色塑膠外殼包鍍手.本體鍍銀白線)	V0
3	Antenna Base	CHIMEI	(CD-419)PC,Black WY-002	V2
4	Antenna Base	RAYCONG	(CD-13)PBT,Black C(W.Y-002)	V0
5	Antenna Housing(L)	RAYCONG	(CD-410)PC+ABS,Black WY-002	V0
6	Antenna Housing(R)	RAYCONG	(CD-409)PC+ABS,Black WY-002	V0
7	Rivet	PTM	POM;Color:Black C(W.Y-002)	---
8	PCB	ROGERS	RO4003C,20mil,1/2 Oz雙面板L=110.30mm,W=13.50mm兩面防焊綠漆	---

變更履歷:

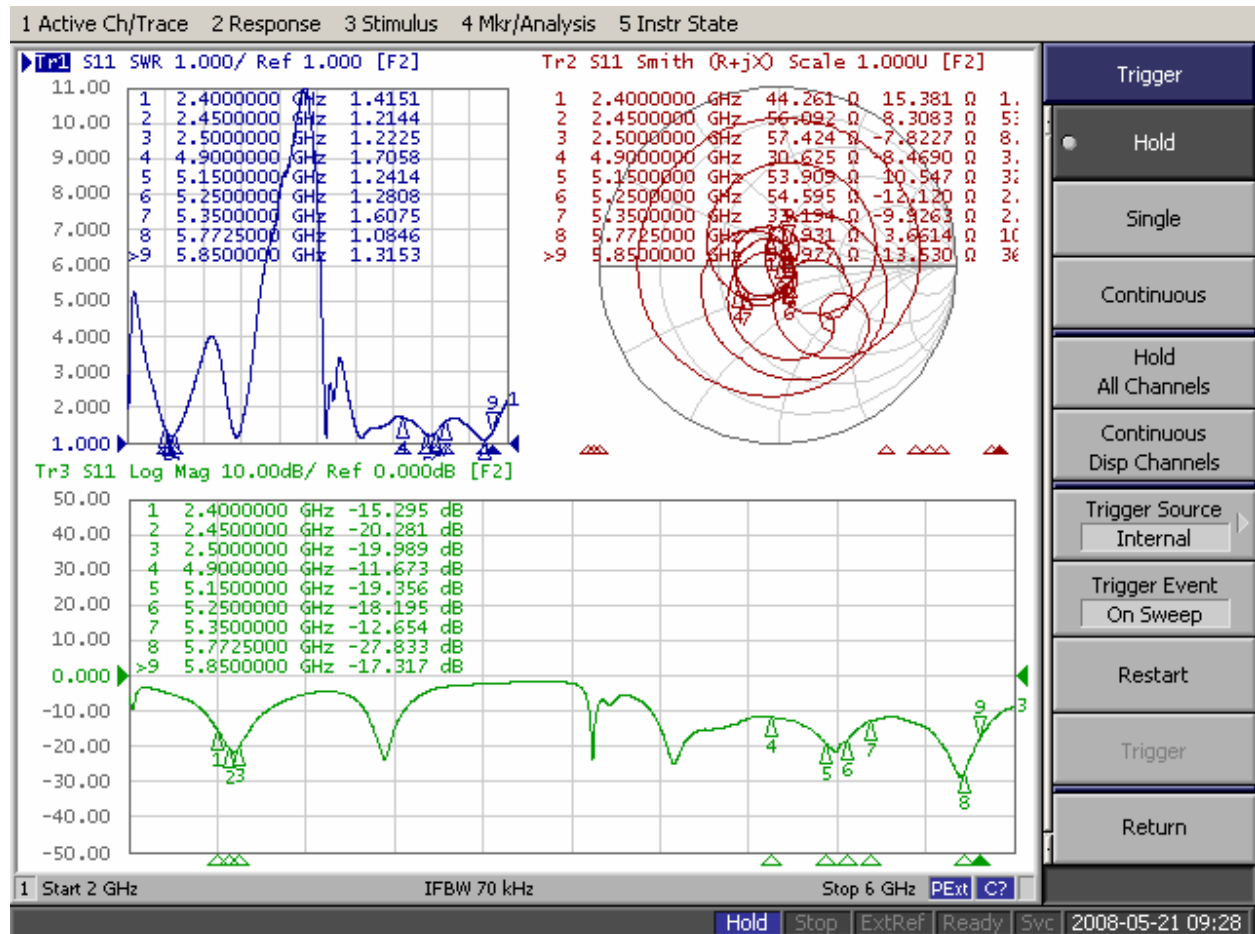
序號	變更依據	變更內容	變更日期	版本

核 準	15/5/19	審 核	/	制 作	15/5/19
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工程圖"未經許可"不得複印"

RF Antenna Assembly

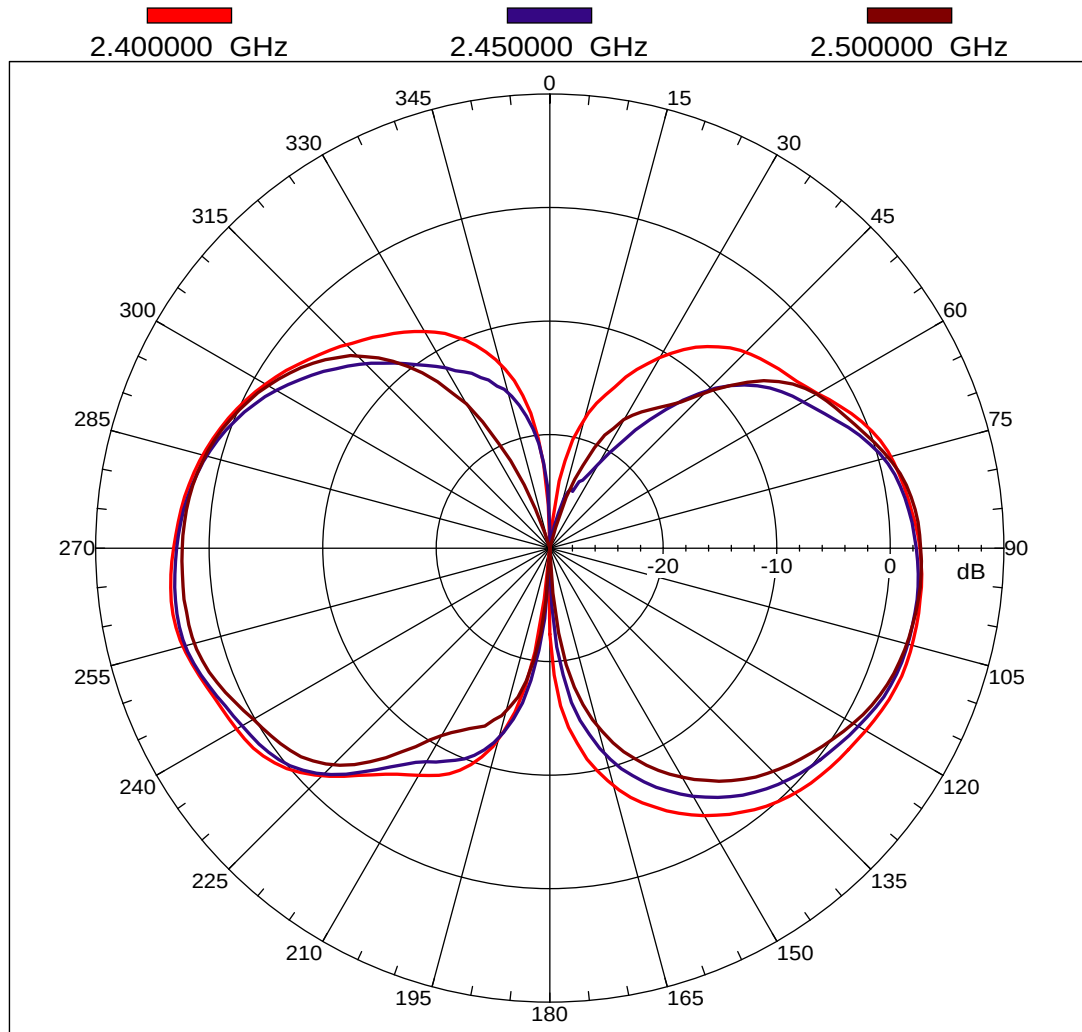
P/No. C037-510912-A SSR-81849 Spec:2.4~2.5GHz/4.9~5.825GHz





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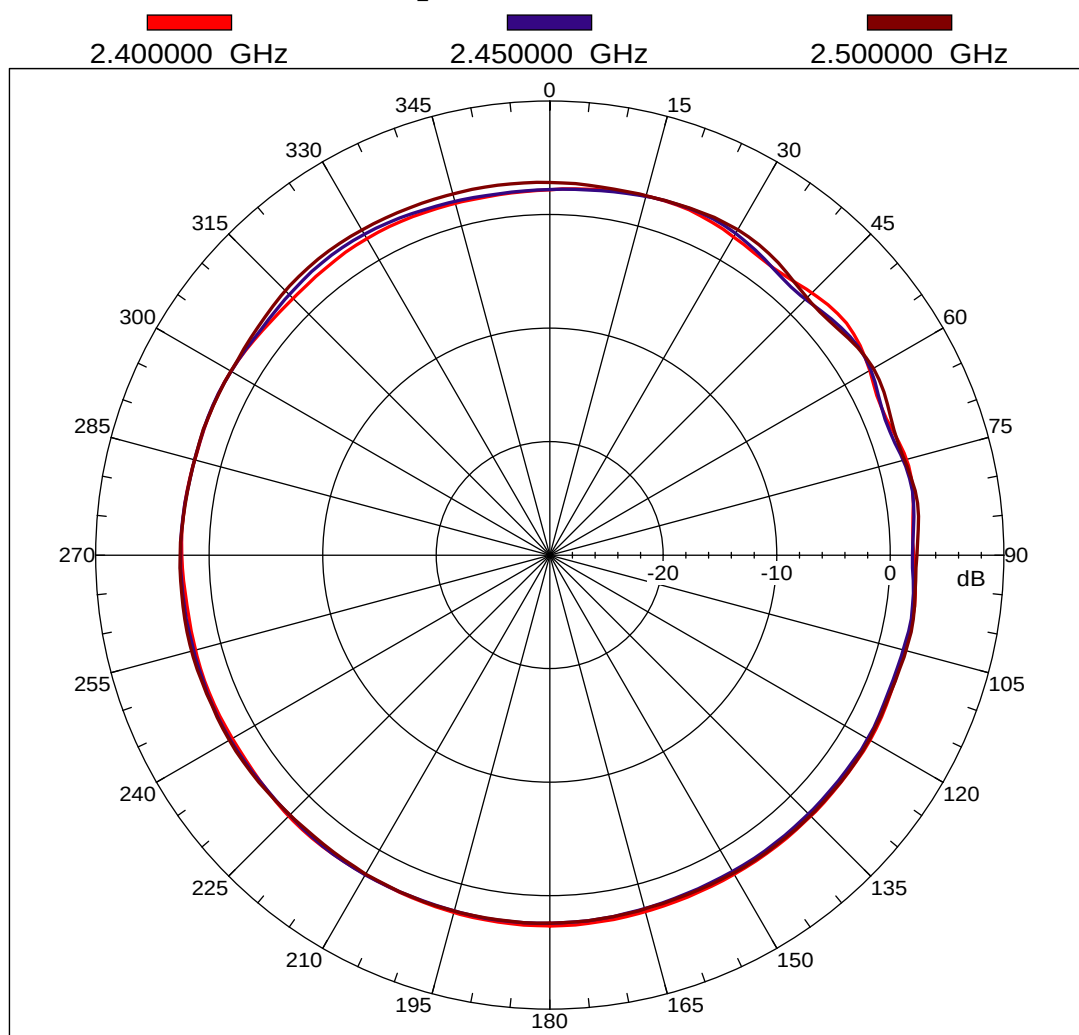
Far-field amplitude of Antenna 1-H.nsi





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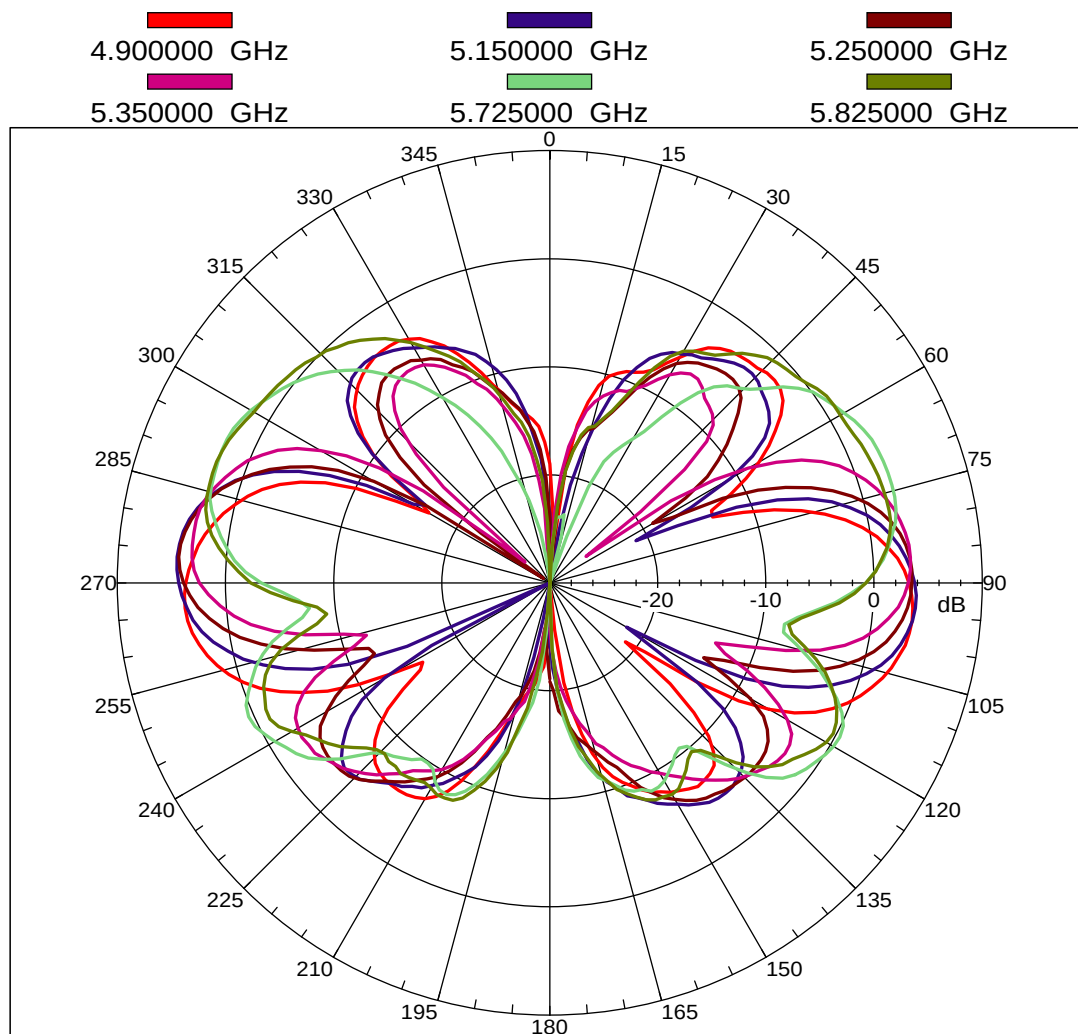
Far-field amplitude of Antenna 1-V.nsi





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Far-field amplitude of Antenna 1-H.nsi





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Far-field amplitude of Antenna 1-V.nsi

