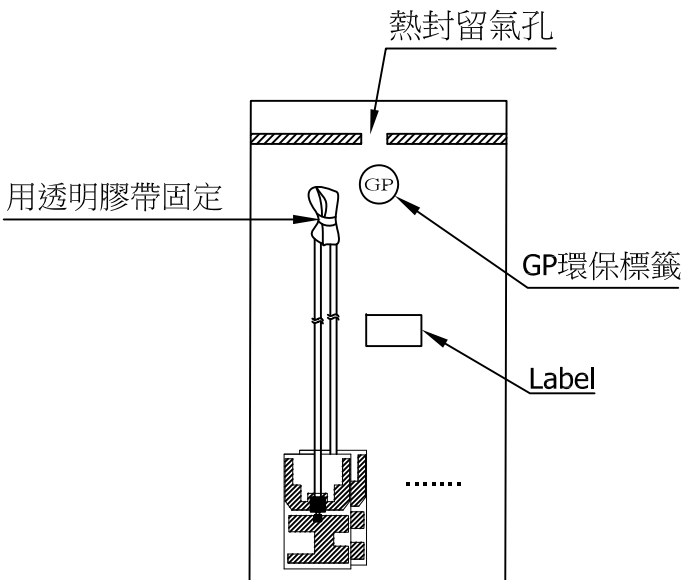
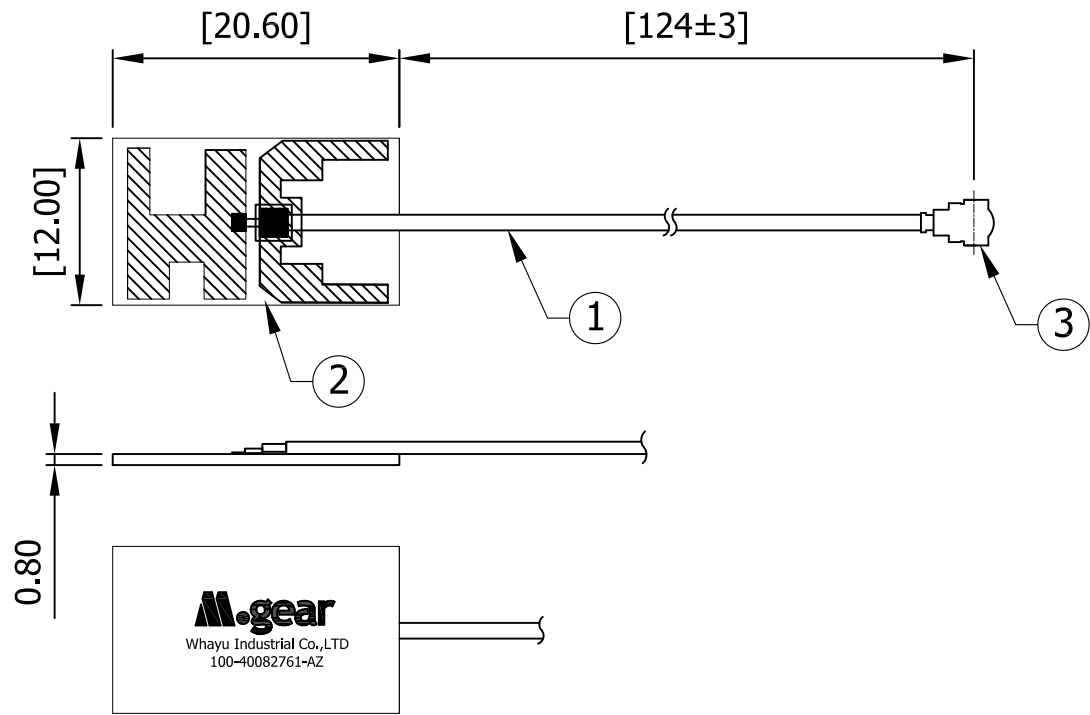


WIFI 5GHz

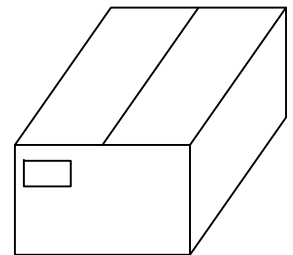
Antenna type/Gain : PCB Antenna
Chain 0:
5150~5250: Gain: 2.56 dBi
5250~5350: Gain: 2.56 dBi
5470~5725: Gain: 2.59 dBi
5725~5850: Gain: 2.68 dBi
Chain 1:
5150~5250: Gain: 2.42 dBi
5250~5350: Gain: 2.42 dBi
5470~5725: Gain: 2.63 dBi
5725~5850: Gain: 2.72 dBi
Power Directional Gain:
5150~5250: Gain: 5.50 dBi
5250~5350: Gain: 5.50 dBi
5470~5725: Gain: 5.62 dBi
5725~5850: Gain: 5.71 dBi
Antenna Bran/Model : Chain 0: WHA YU GROUP / C1958-510026-A
Chain 1: WA YU GROUP / C1958-510027-A

CG-

REV	DATE	DESCRIPTION
X1	01/24-2022	New Issue
X2	04/19-2022	變更線長



Packing : 25 pcs/bag
3000pcs/carton



外箱標籤貼於側麥左上角1PCS

備註：本產品以珍珠棉帶包裝端子，PE袋包裝成品，包裝箱內以間隔板隔開。

NO	DESCRIPTION	Q'TY	REMARK
3	Connector	1	KS-MHF Connector(KS-MHF-37-N-01)
2	PCB	1	FR4 ; 31mil ; 1/2 Oz Black Plated
1	Cable	1	Φ1.37mm Low Loss Cable,Black[黑色] L=136mm

CUSTOMER'S SINGATURE

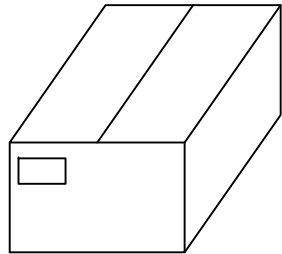
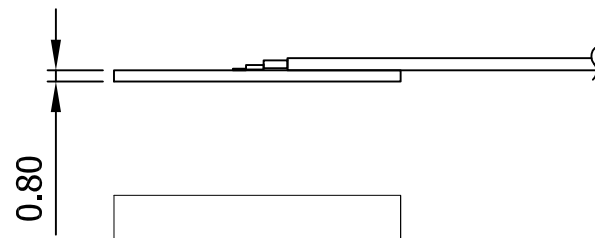
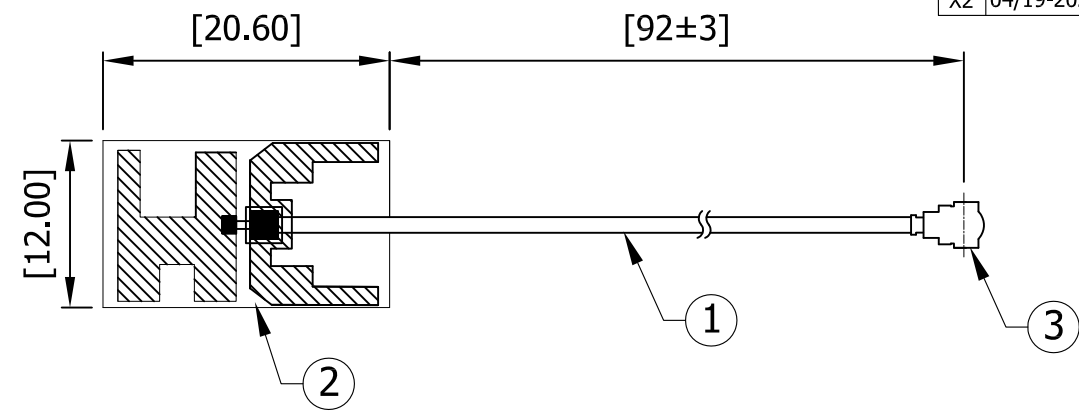
XX.	±5.0	APPROVED Spring
X.	±3.0	
.X	±1.0	CHECKED
.XX	±0.3	
.XXX	±0.1	DRAWING 白玉俠
⊕	☞	

CUSTOMER: 易通展		
PART NO : MABAIZ2092XXX2WG		
PART NAME: RF Antenna Assembly		
W.Y P/NO : C1958-510027-A		
REV	UNIT	FILE : SRF2022598
X2	mm	SHEET : 1/1

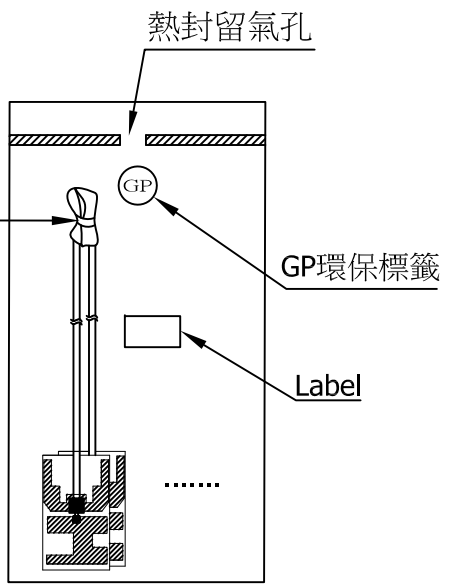
M.gear Wha Yu Group
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CG-

REV	DATE	DESCRIPTION
X1	01/24-2022	New Issue
X2	04/19-2022	變更線長



外箱標籤貼於側麥左上角1PCS



Packing : 25 pcs/bag
2000pcs/carton

備註：本產品以珍珠棉帶包裝端子，PE袋包裝成品，包裝箱內以間隔板隔開。

NO	DESCRIPTION	Q'TY	REMARK
3	Connector KS-MHF Connector(KS-MHF-37-N-01)	1	
2	PCB FR4 ; 31mil ; 1/2 Oz	1	Black Plated
1	Cable Φ1.37mm Low Loss Cable,Black[黑色]	1	L=104mm

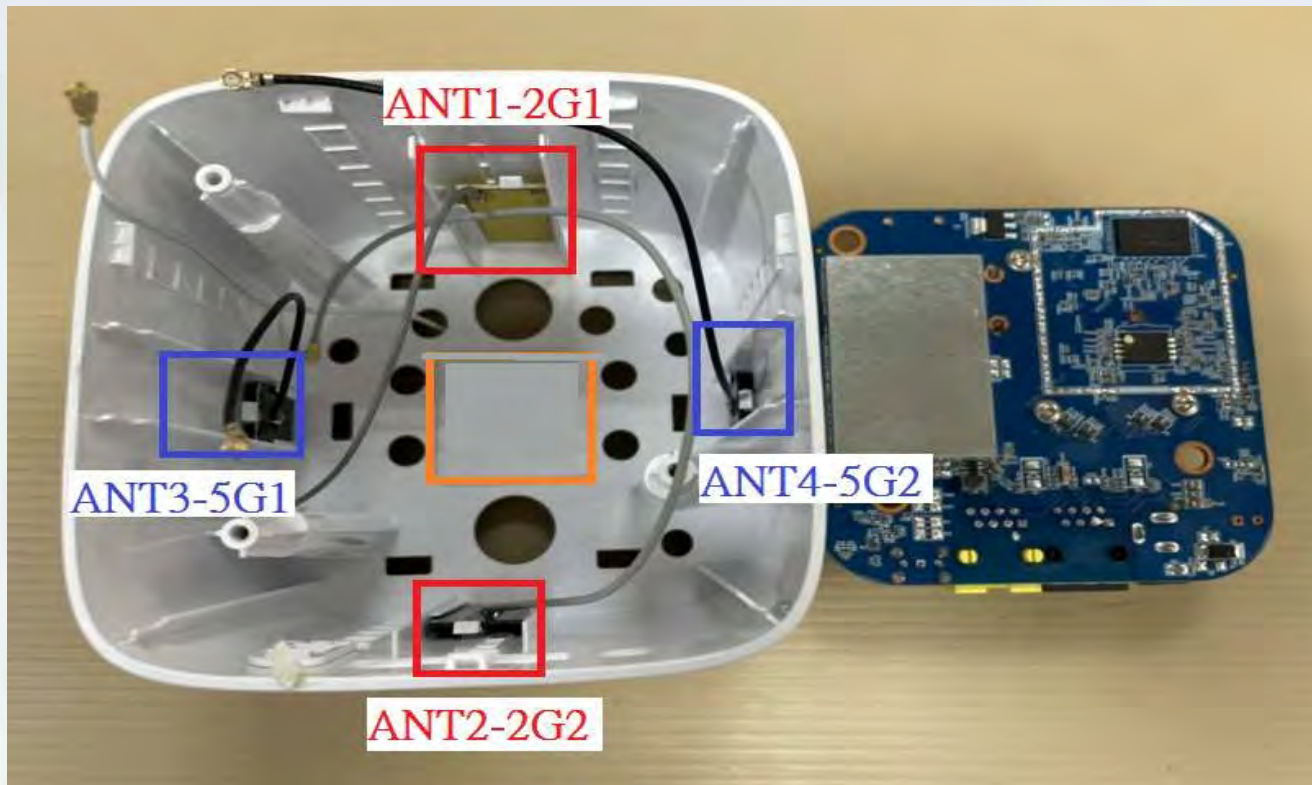
CUSTOMER'S SINGATURE

XX.	±5.0	APPROVED
X.	±3.0	Spring
.X	±1.0	CHECKED
.XX	±0.3	
.XXX	±0.1	DRAWING
⊕	☞	白玉俠

CUSTOMER: 易通展		
PART NO : MABAIZ2092XXX1WG		
PART NAME: RF Antenna Assembly		
W.Y P/NO : C1958-510026-A		
REV	UNIT	FILE : SRF2022598
X2	mm	SHEET : 1/1

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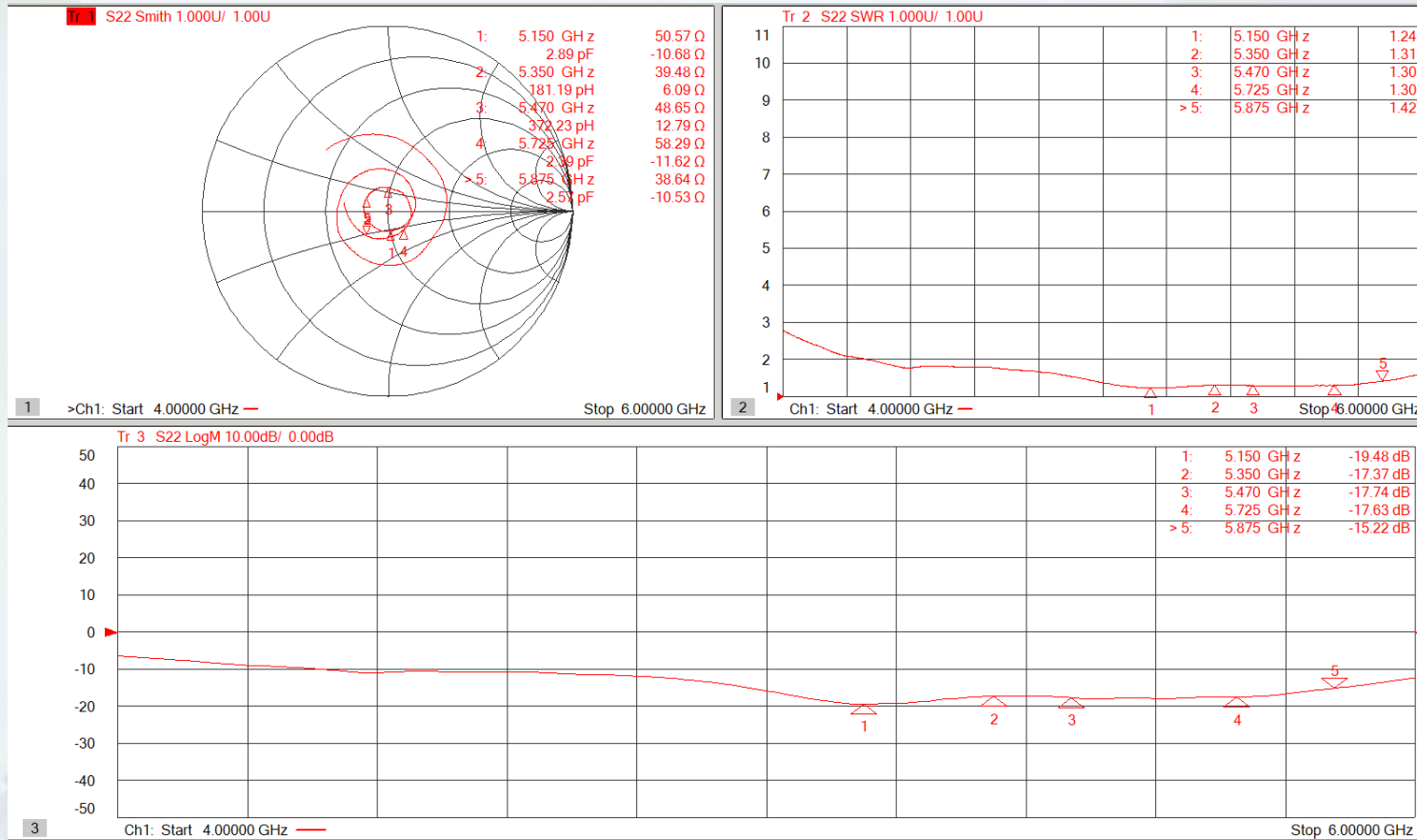
Antenna Placement & Solution



Antenna	Size (L * W * H) mm ³	Cable Length (mm)	Cable Type
2G1	37.6*15.7*0.8	總長120/外露113(灰)	1.13 low loss
2G2	37.6*15.7*0.8	總長215 /外露195(灰)	1.37 low loss
5G1	20.6*12*0.8	總長 104 /外露92	1.37 low loss
5G2	20.6*12*0.8	(黑)總長136 /外露124	1.37 low loss
			1.13 Normal

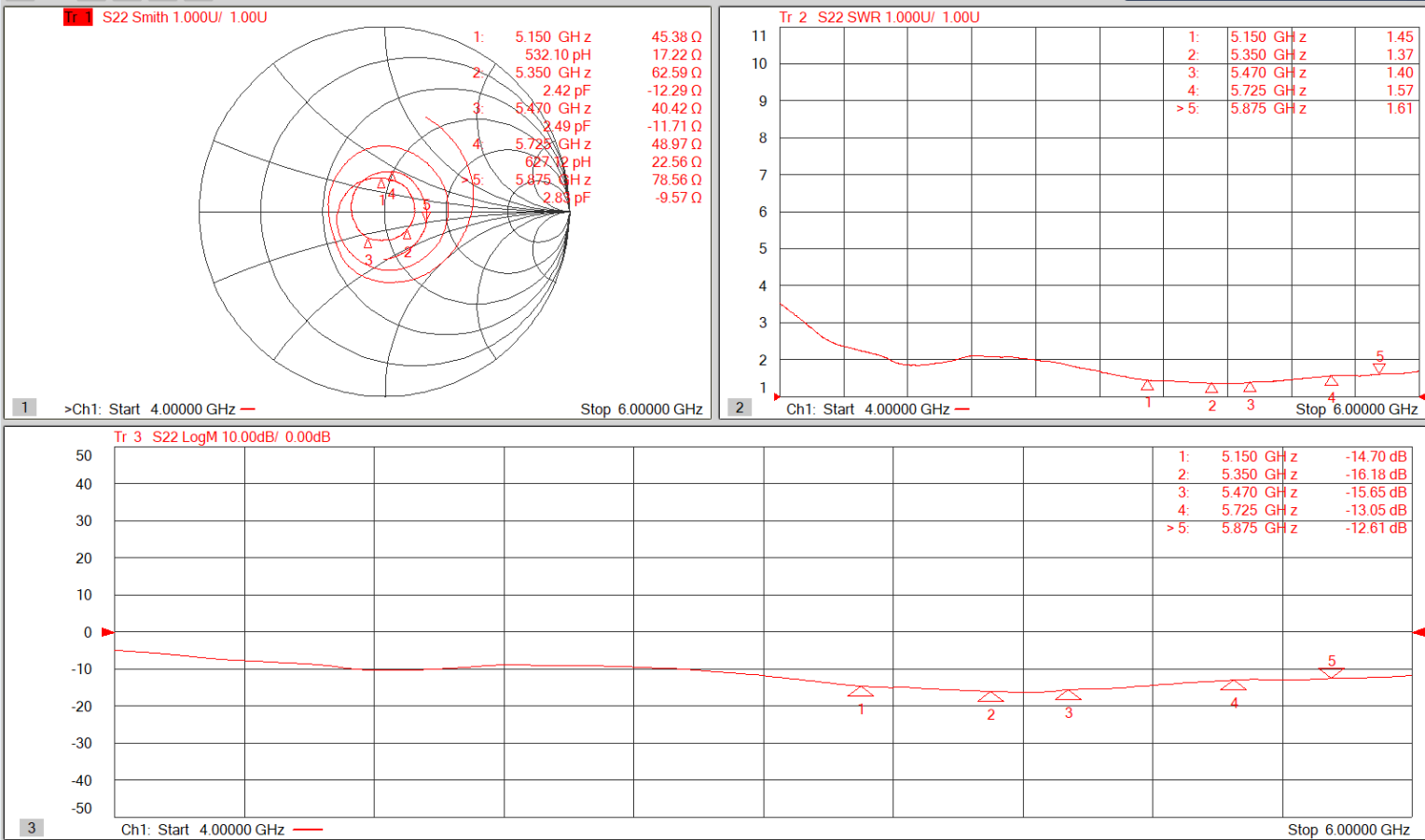
Return Loss Results

5G1 (5150MHz – 5875MHz) (Criterion:>10 dB)



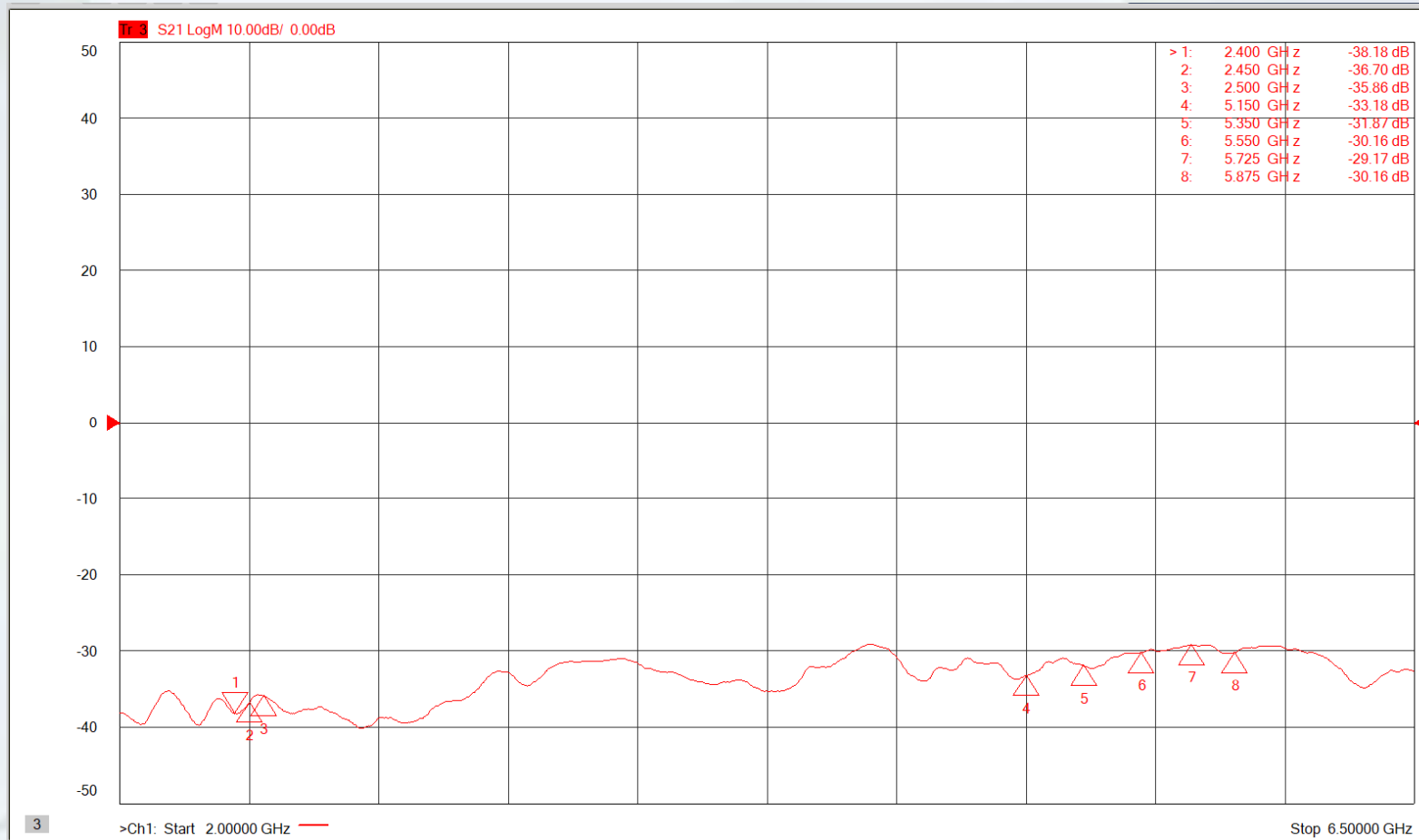
Return Loss Results

5G2 (5150MHz – 5875MHz) (Criterion:>10 dB)



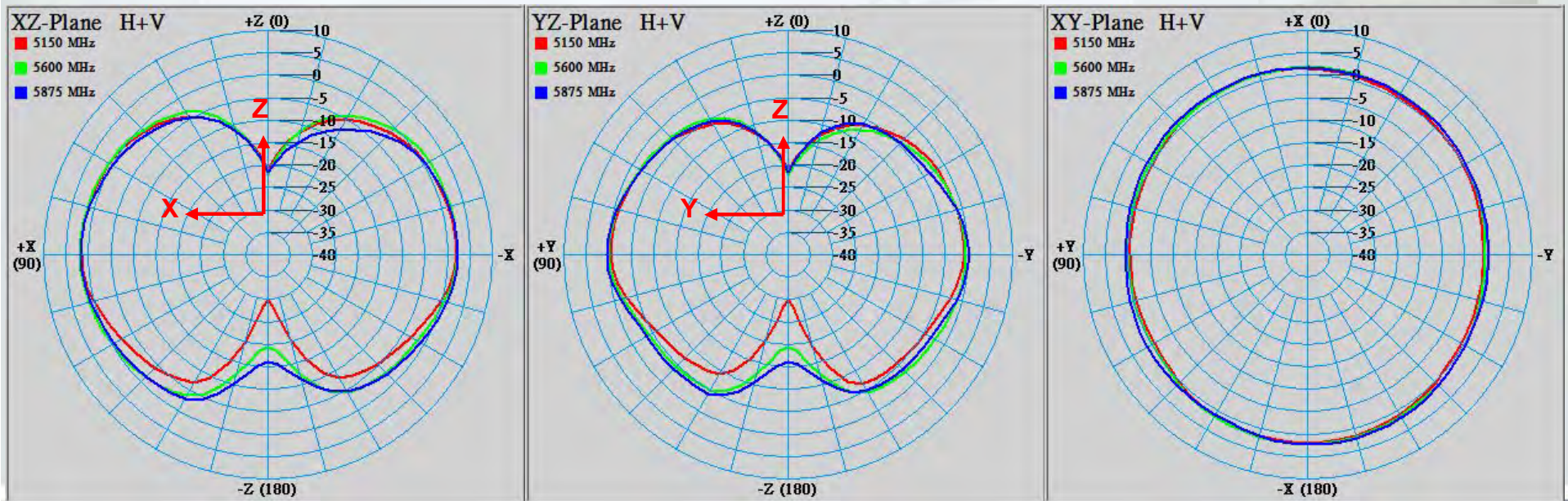
Isolation Results

5G1 & 5G2 (Criterion:>20 dB)



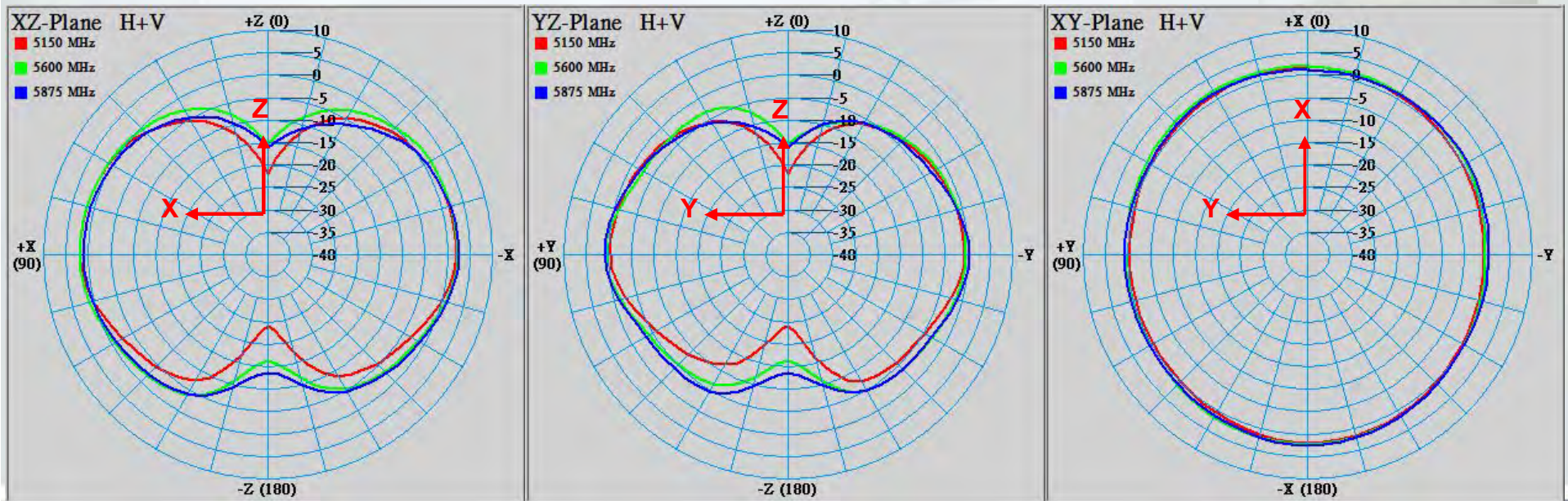
2D Radiation Pattern Results

5G1



2D Radiation Pattern Results

5G2



Results Summary

	Ant_5G1		Ant_5G2	
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)	Peak Gain (dBi)	Efficiency (%)
5150	2.42	73	2.35	72
5250	2.56	73	2.42	72
5350	2.55	74	2.41	73
5475	2.55	73	2.48	74
5600	2.54	75	2.57	75
5725	2.59	73	2.63	73
5750	2.62	74	2.67	72
5825	2.68	75	2.72	73
5875	2.74	75	2.95	73