

TO: 弘真科技股份有限公司

SPECIFICATION FOR APPROVAL

DESCRIPTION : 2.4 & 5GHz U.FL 背面雙面膠
CUSTOMER DWG. NO. /PART NO : 2905-002300G02
EGRET PROD. NO : ET72-004
DATE : 2023.09.14

PLEASE RETURN TO US ONE COPY OF “ SPECIFICATION FOR APPROVAL ” WITH YOUR APPROVED SIGNATURES

APPROVED SIGNATURES	
	

	APPROVED	CHECKED	PREPARED
NAME	James Lin	Alvin Kao	Floriana Tai



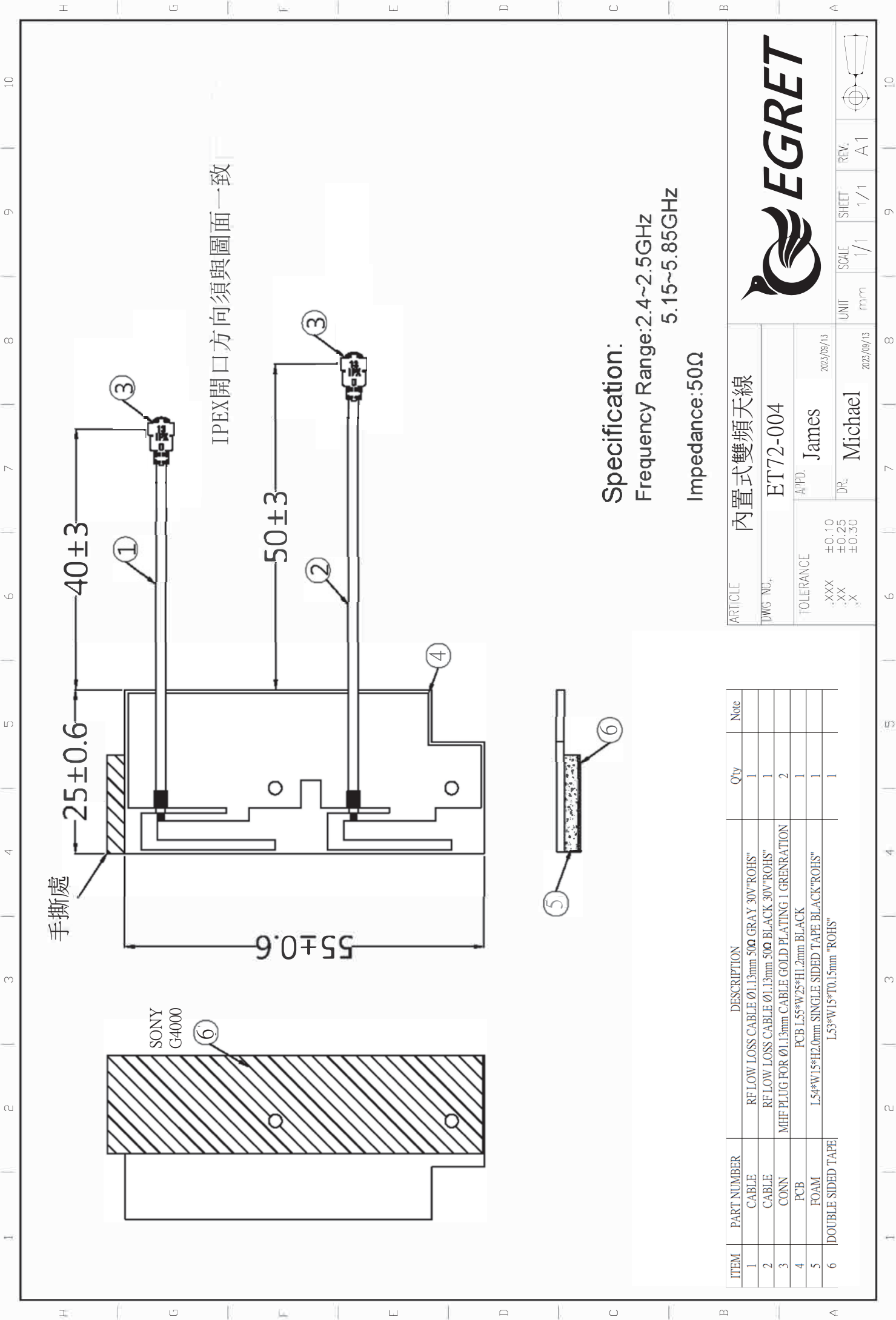
億楷國際有限公司

EGRET - TECH

<https://egretrade.com/zh-TW>

TEL : 886-3-3218811 , 886-937-702-829

E-Mail : alvin@egretrade.com



ITEM	PART NUMBER	DESCRIPTION	Qty	Note
1	CABLE	RF LOW LOSS CABLE Ø1.13mm 50Ω GRAY 30V"ROHS"	1	
2	CABLE	RF LOW LOSS CABLE Ø1.13mm 50Ω BLACK 30V"ROHS"	1	
3	CONN	MHF PLUG FOR Ø1.13mm CABLE GOLD PLATING 1 GRENARATION	2	
4	PCB	PCB L55*W25*H1.2mm BLACK	1	
5	FOAM	L54*W15*H2.0mm SINGLE SIDED TAPE BLACK"ROHS"	1	
6	DOUBLE SIDED TAPE	L53*W15*H0.15mm "ROHS"	1	

ARTICLE	內置式雙頻天線		
DWG NO.	ET72-004		
TOLERANCE	APPD.	JAMES	2023/09/13
.XXX	±0.10		
.XX	±0.25		
.X	±0.50		
DR.	MICHAEL		2023/09/13

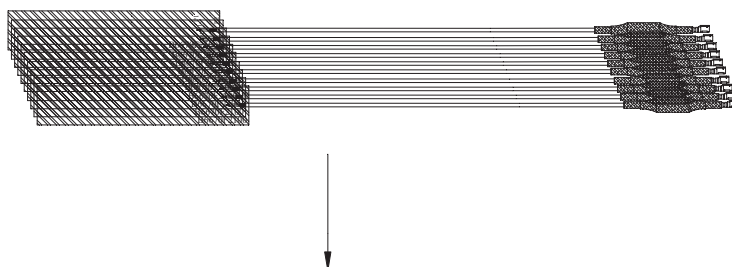


UNIT	SCALE	SHEET	REV.
mm	1/1	1/1	A1

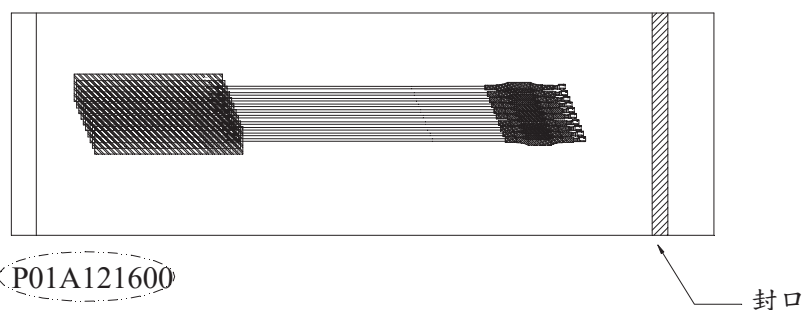
Frequency	2400~2500 MHz 5150~5850 MHz
Return Loss	≥ -7 dbm @ 2400~2500 MHz ≥ -3 dbm @ 5150~5850 MHz
Peak Gain	3.0 dBi @ 2400~2500 MHz 3.5 dBi @ 5150~5850 MHz
Antenna Type	PIFA
Impedance	50 Ohm
Polarization	Linear
Cable Type	RG 1.13mm
Connector Type	I-PEX
PCB Type	FR4

主題 Subject	ET72系列 帶線包裝規範	文件編號 NO.	版本 REV.		B
		核准 APPD.	製作者 DR.		

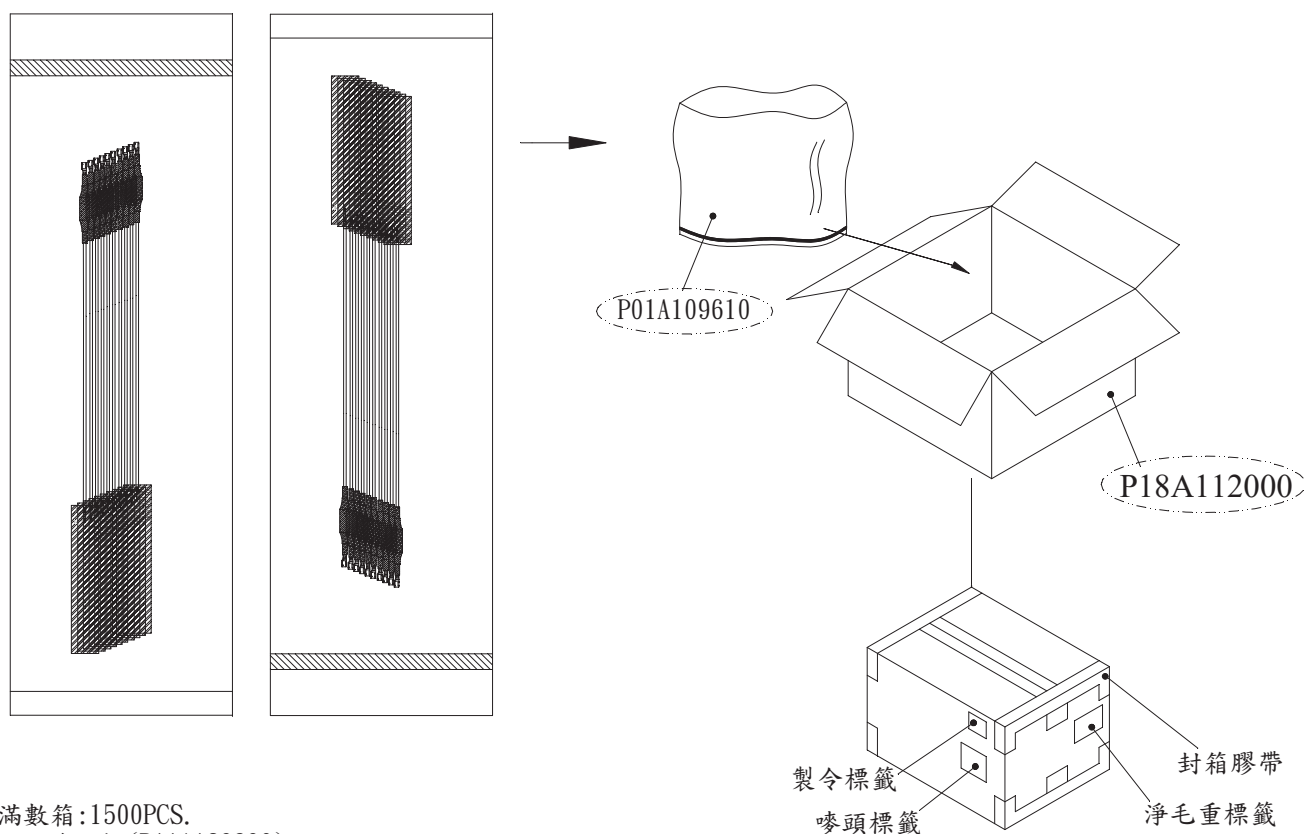
(1) 天線頭朝同一方向, 再依圖標示10pcs一袋.



(2) 每個防水袋依圖面標示放入1束成品再以封口機於每袋開口處封口(封口前須將空氣漏掉少許)



(3) 每層交錯放置



- 滿數箱:1500PCS.
1. 上下放隔板(P11A139290)
 2. 封箱出貨.
 3. 若為不滿箱, 請用牛皮紙填充.

SPECIFICATION

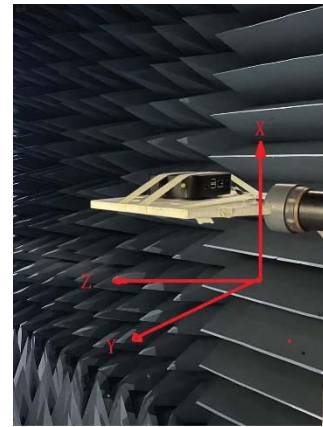
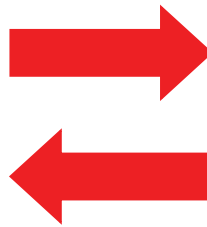
Part No. : **N/A**

Product Name : VS10R Antenna

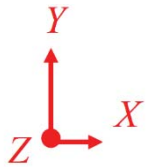
Configuration



HORN

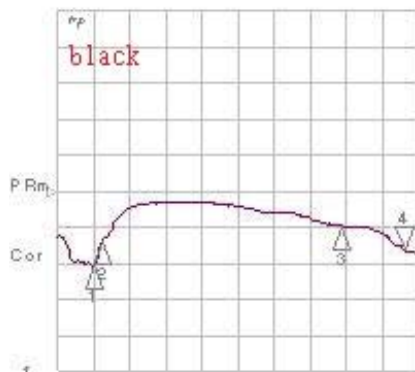


待測物



Antenna black & gray

CH1 LOG 5 dB/ REF 0 dB
S11 4:-8.1020 dB 5.850 000 000 GHz



CH1 Markers
1:-10.134 dB
2.40000 GHz
2:-6.7370 dB
2.50000 GHz
3:-4.7130 dB
5.15000 GHz

START 2000.000 MHz STOP 6000.000 MHz

CH2 S21 LOG 10 dB/ REF 0 dB

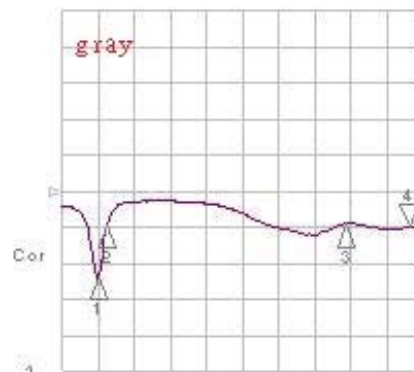


CH3 Markers
1:-11.609 dB
2.40000 GHz
2:-4.4350 dB
2.50000 GHz
3:-4.4000 dB
5.15000 GHz

CH2 Markers
1:-12.699 dB
2.40000 GHz
2:-13.270 dB
2.50000 GHz
3:-45.141 dB
5.15000 GHz

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CH3 LOG 5 dB/ REF 0 dB
S22 4:-4.8820 dB 5.850 000 000 GHz



START 2000.000 MHz STOP 6000.000 MHz

Black

Total Polarization

Frequency	2400	2450	2500
Efficiency	39.339	33.268	29.454
Gain (dBi)	1.22	1.56	1.78

Frequency	5150	5250	5350	5470	5600	5725	5785	5850
Efficiency	38.487	44.643	44.11	40.26	42.27	54.847	54.517	53.784
Gain (dBi)	2.188	2.163	2.192	2.093	2.123	2.202	2.702	2.766

Gray

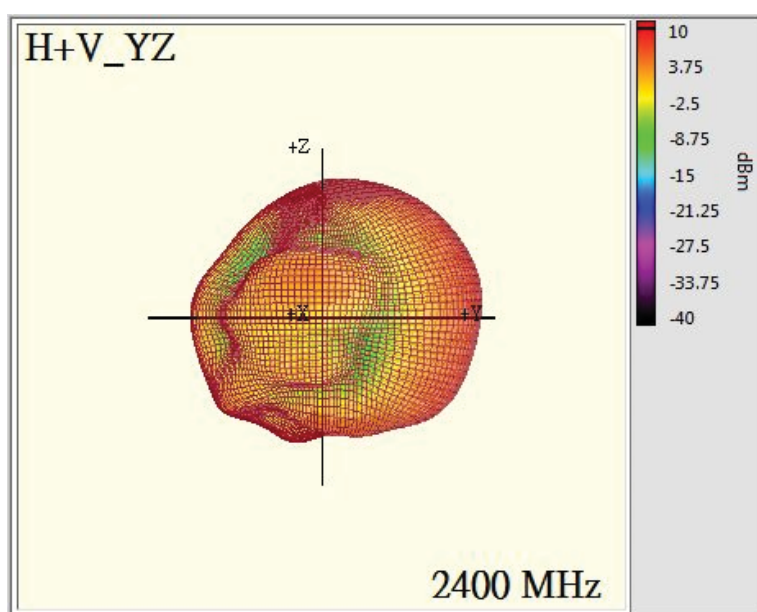
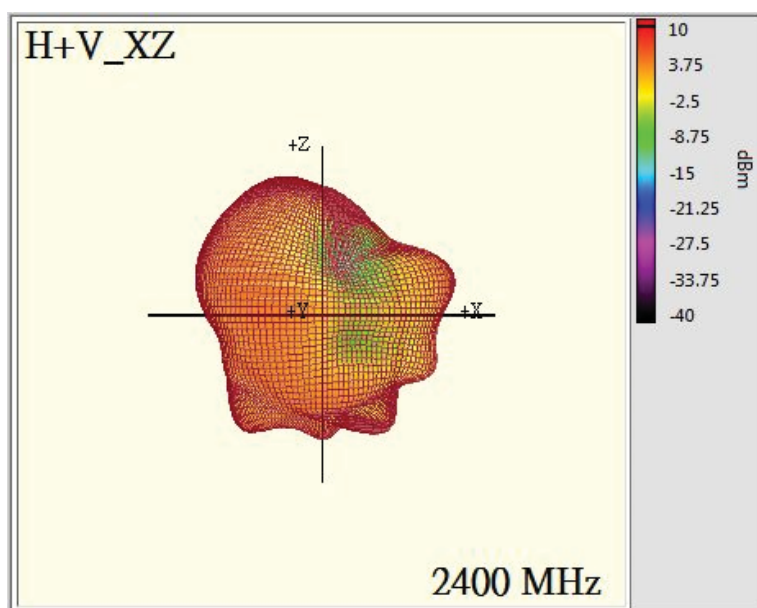
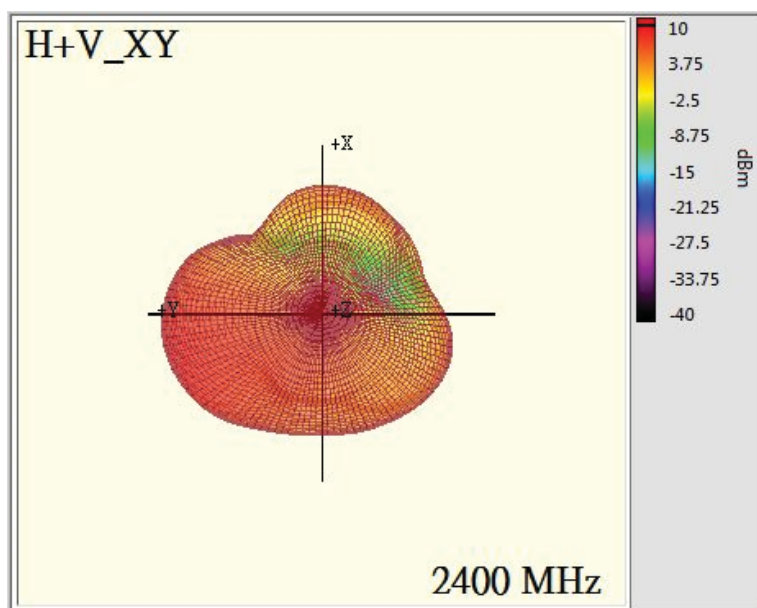
Total Polarization

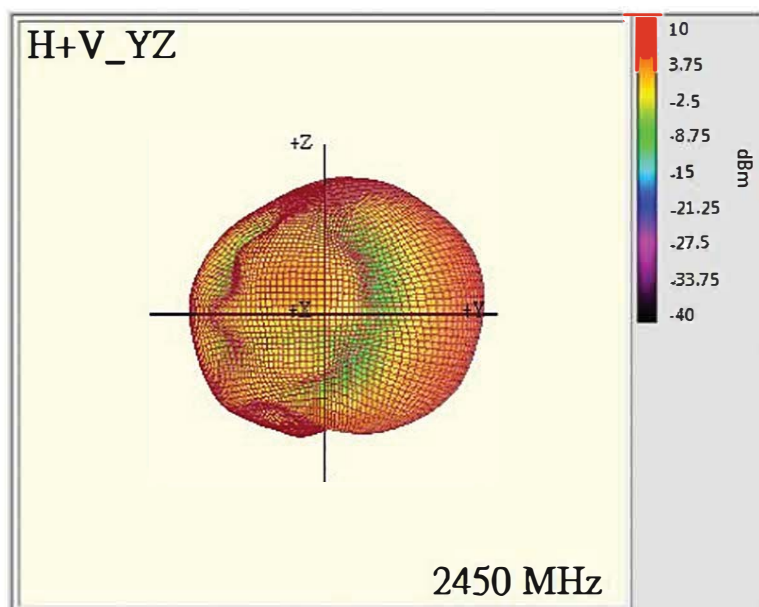
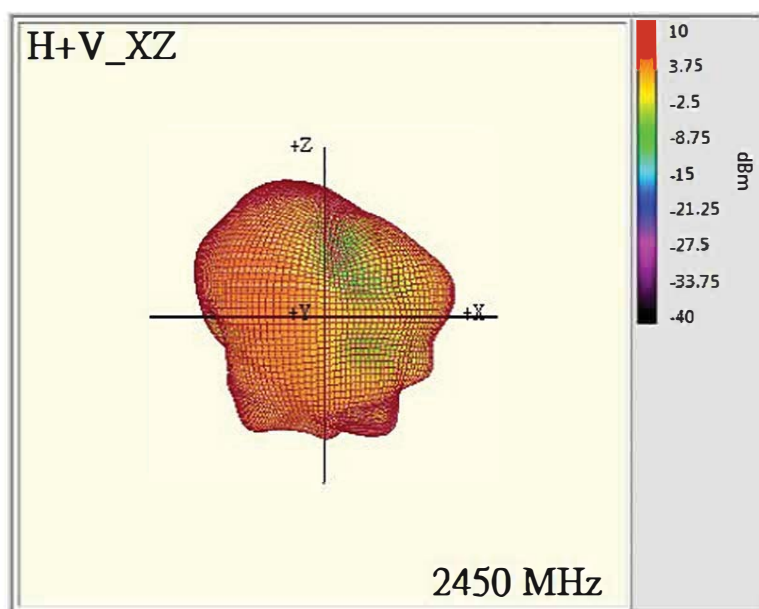
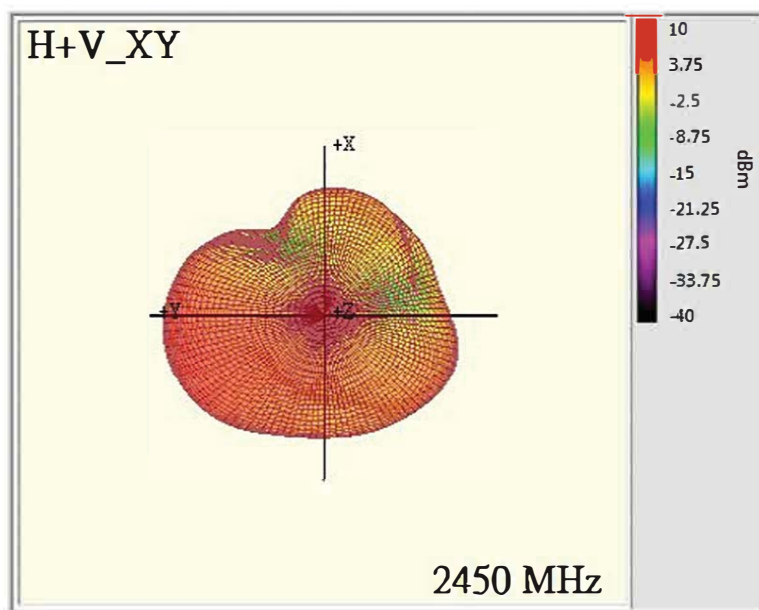
Frequency	2400	2450	2500
Efficiency	36.331	33.744	29.243
Gain (dBi)	2.11	1.85	1.89

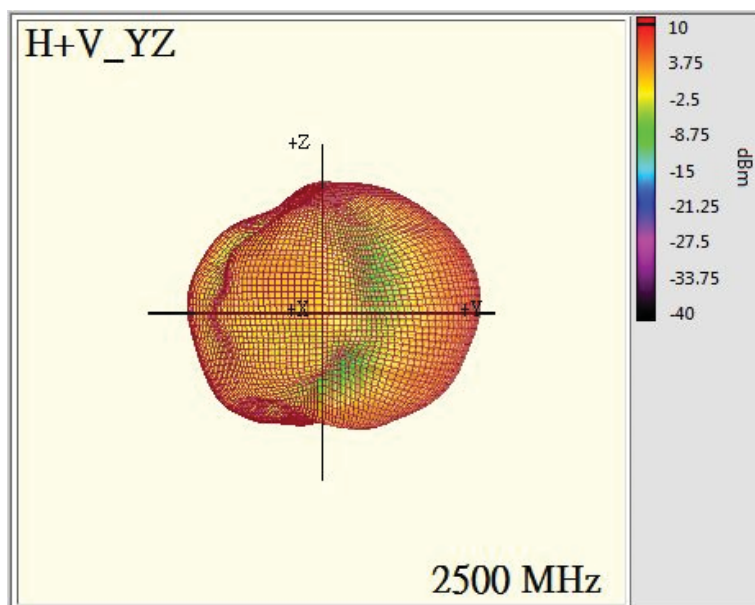
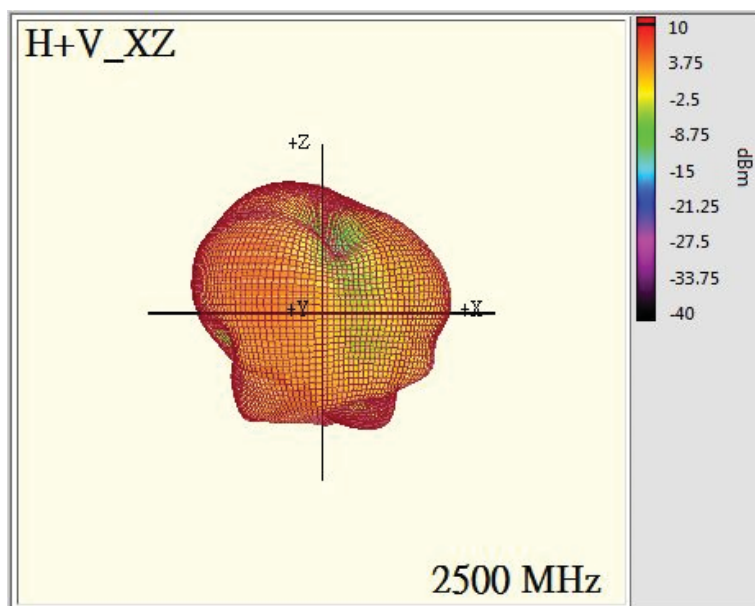
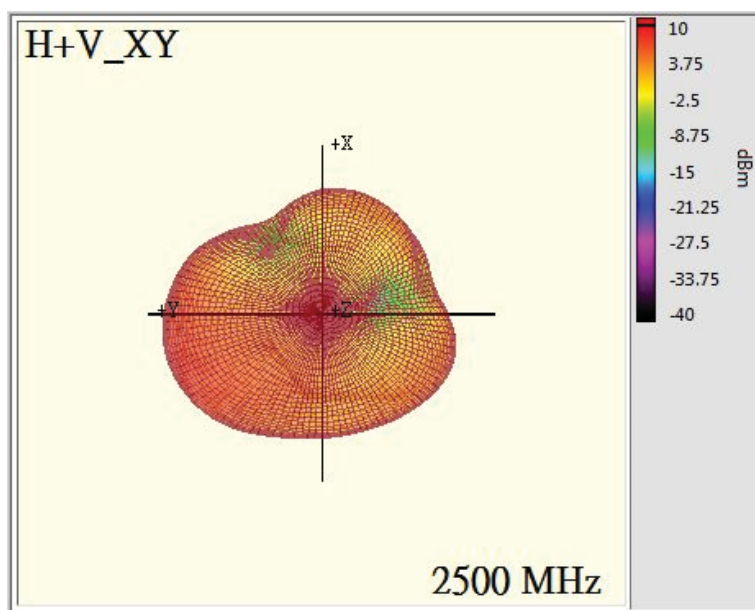
Frequency	5150	5250	5350	5470	5600	5725	5785	5850
Efficiency	40.451	42.832	35.266	31.413	34.014	41.746	39.085	36.652
Gain (dBi)	2.196	2.481	2.105	2.041	2.096	2.083	2.036	2.031

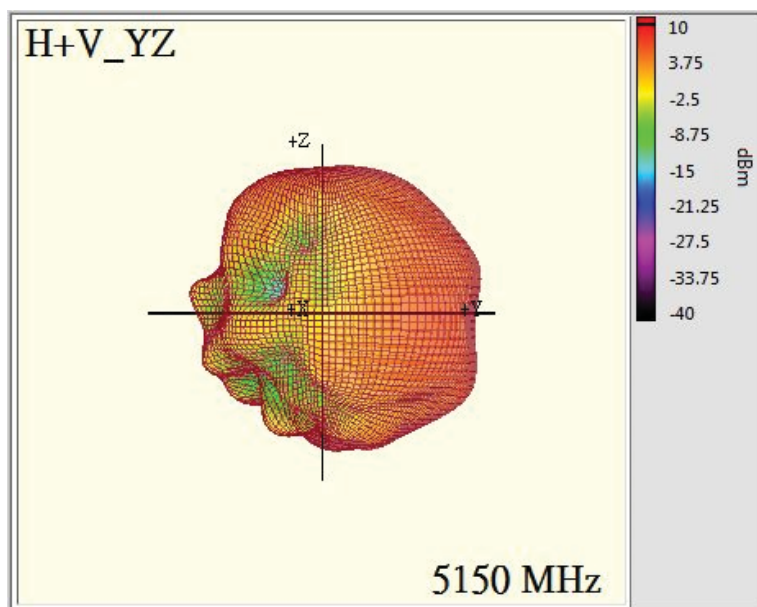
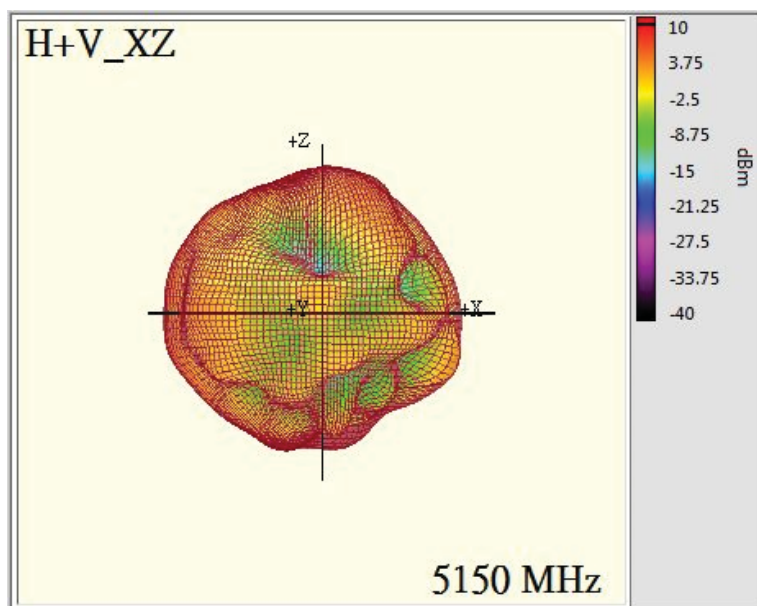
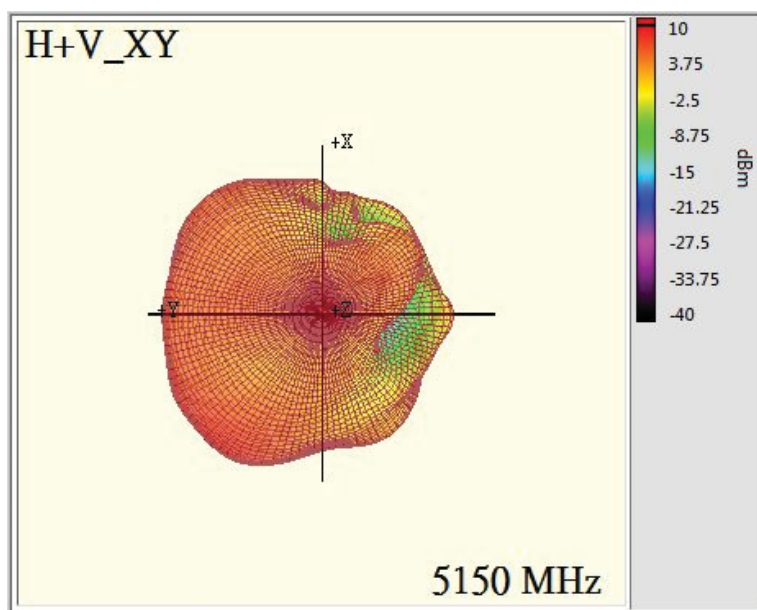
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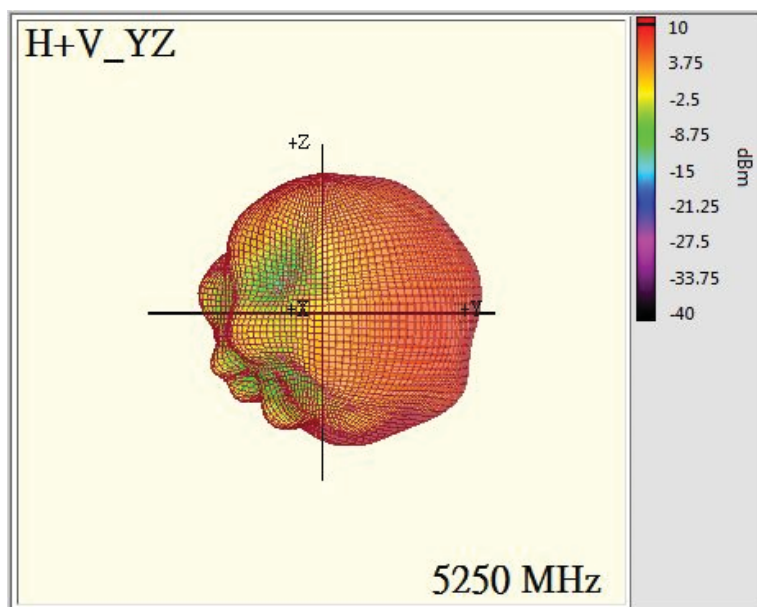
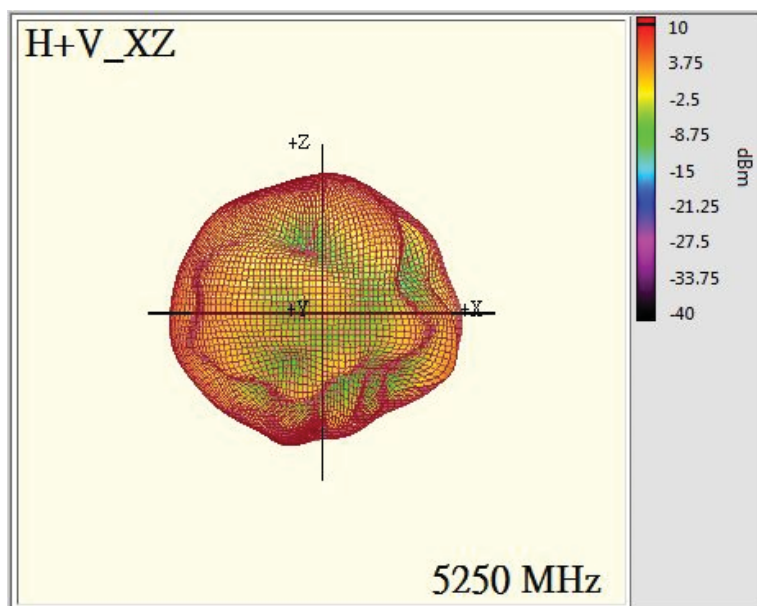
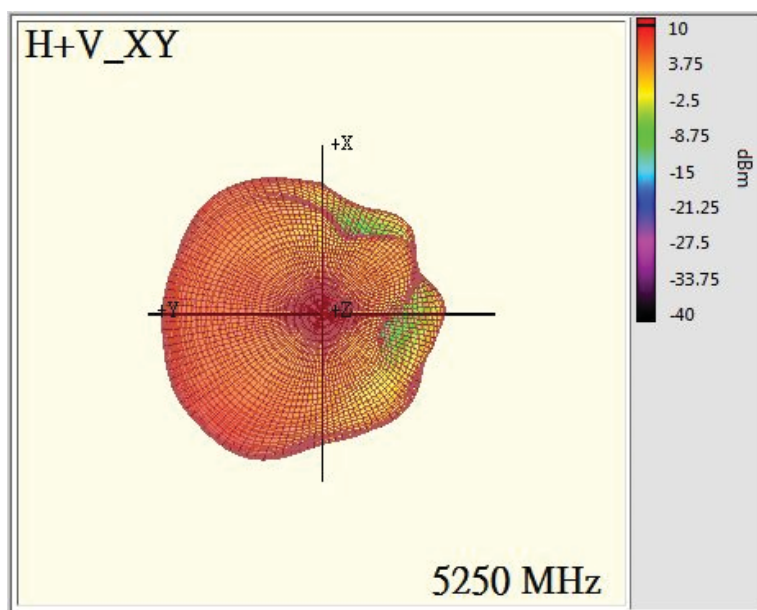
Black

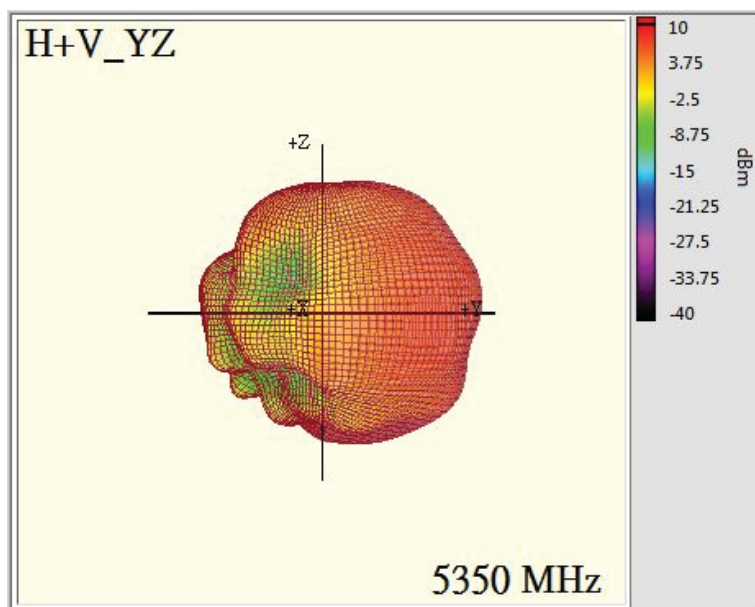
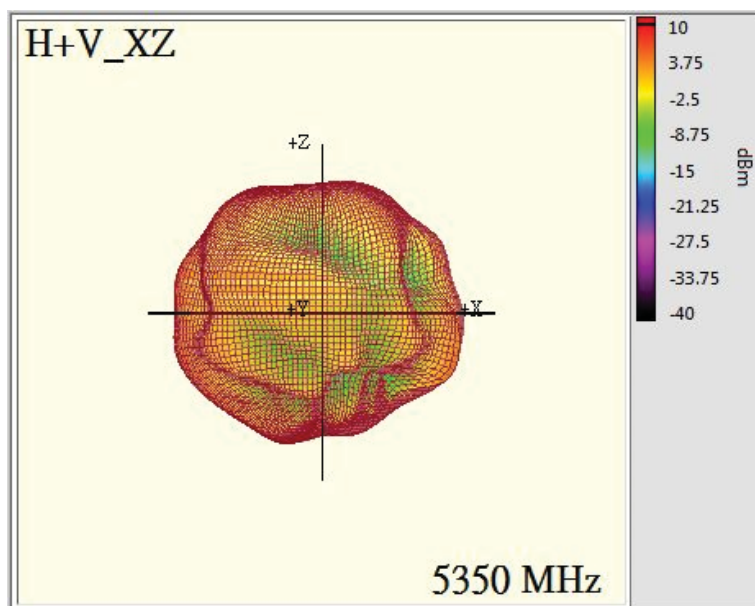
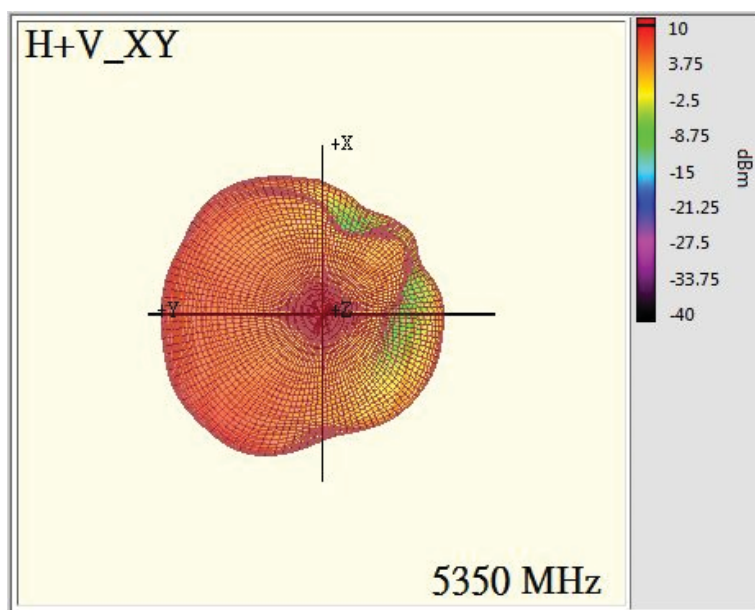


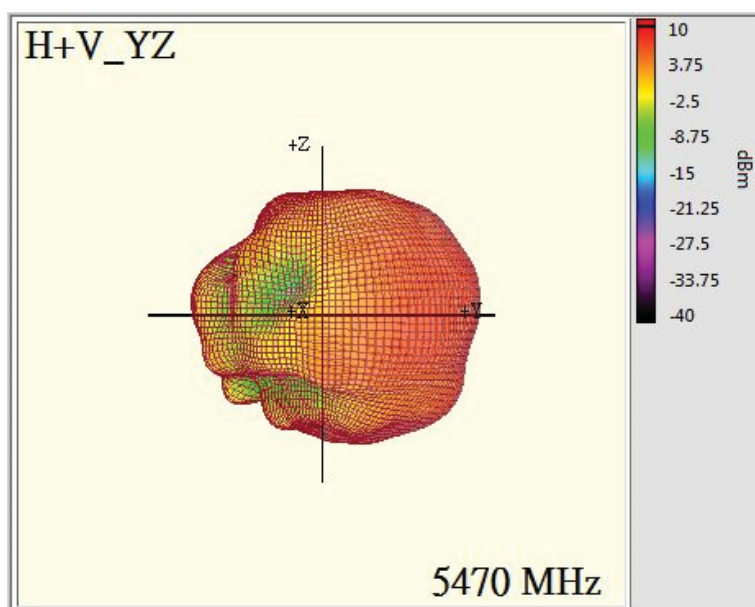
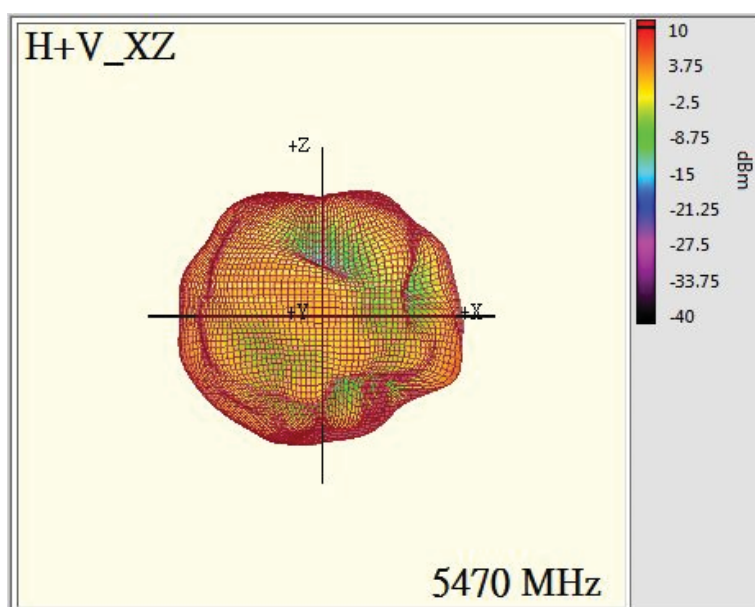
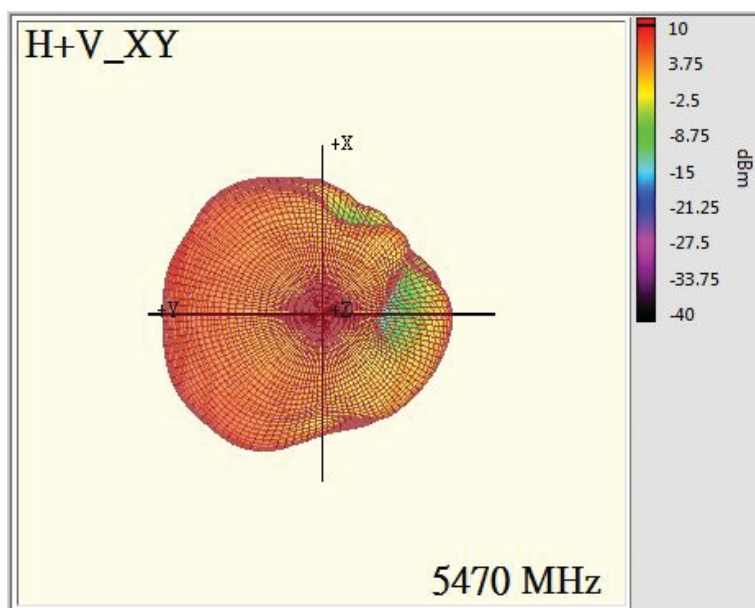


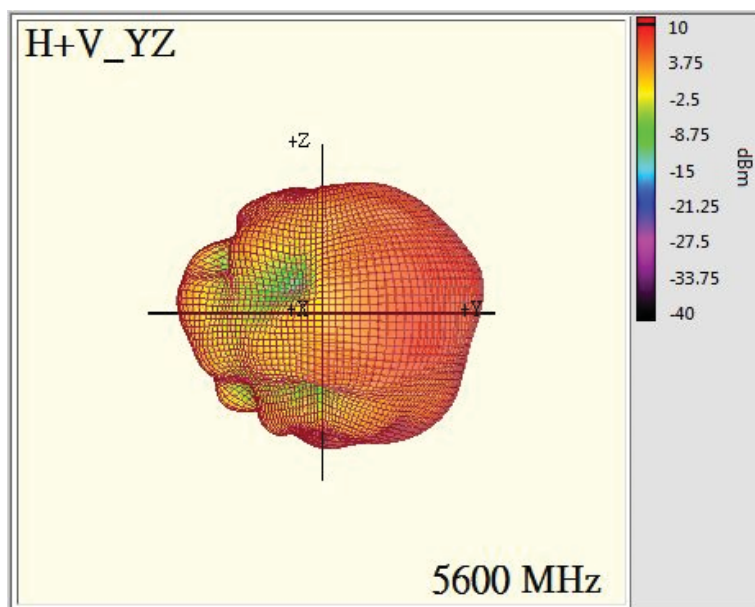
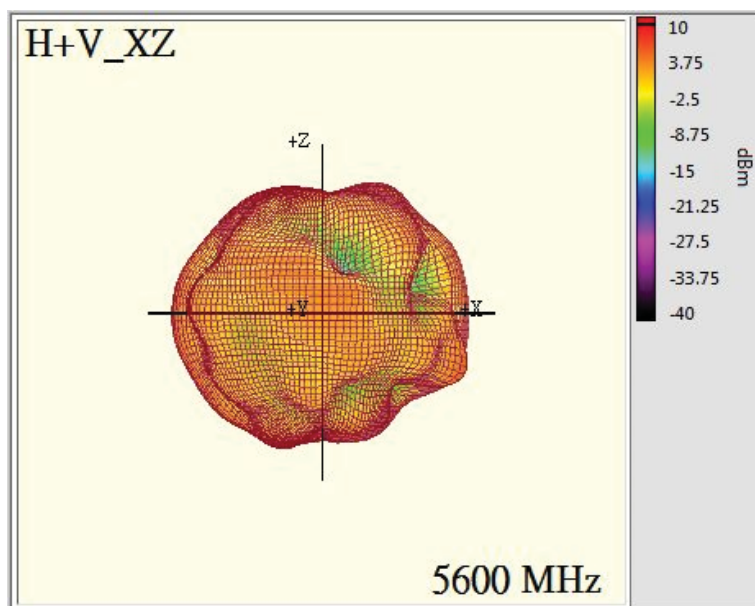
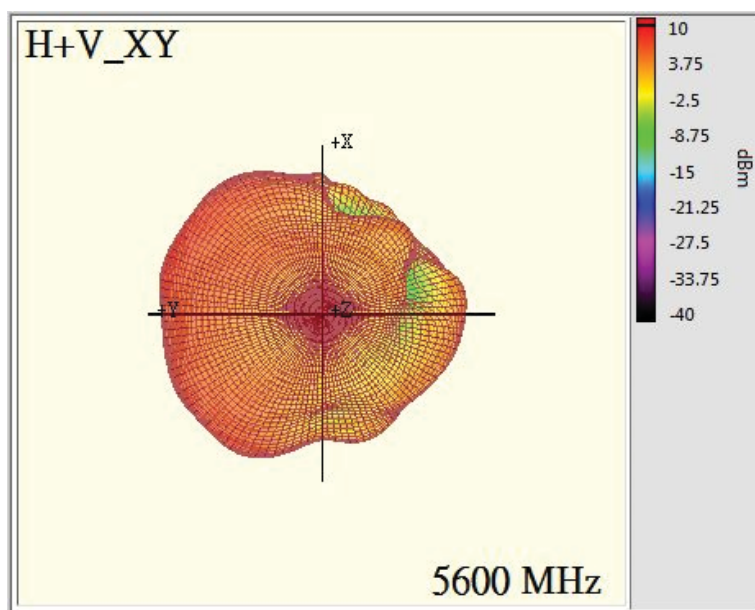


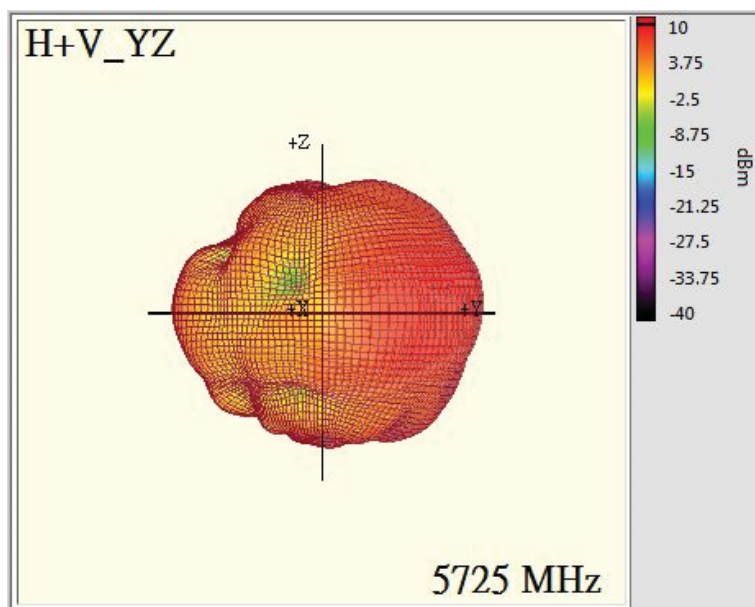
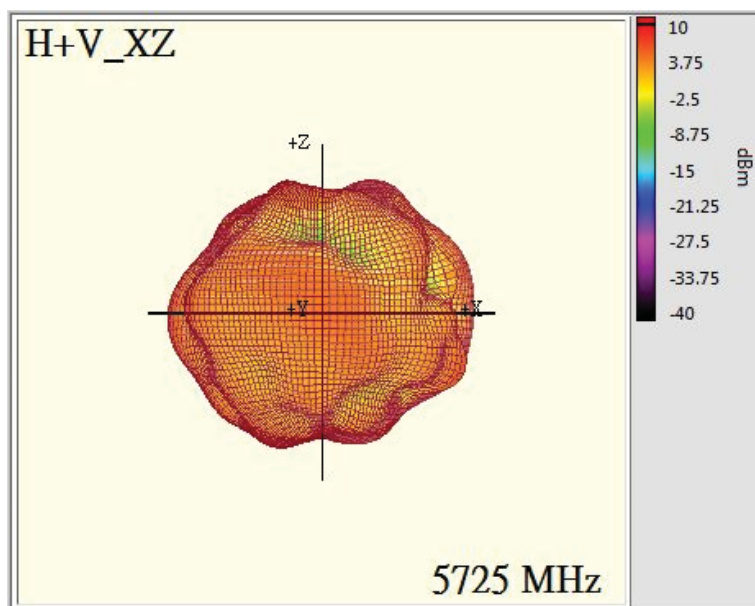
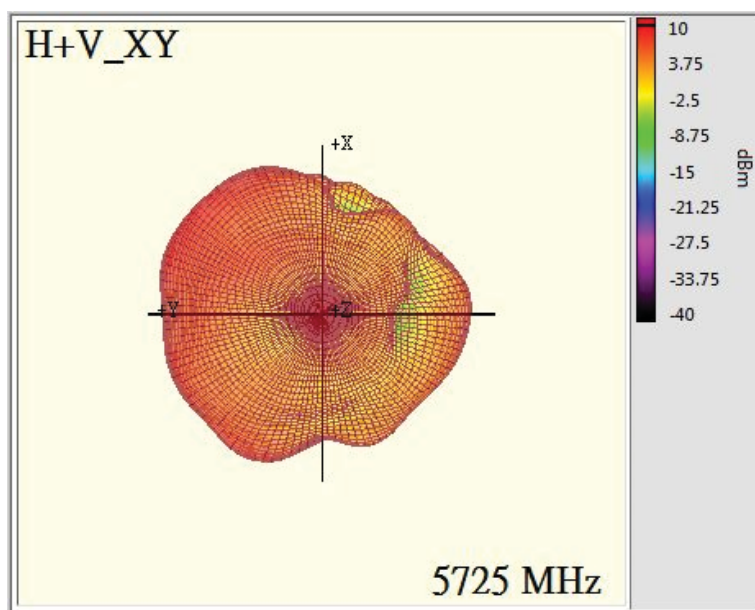


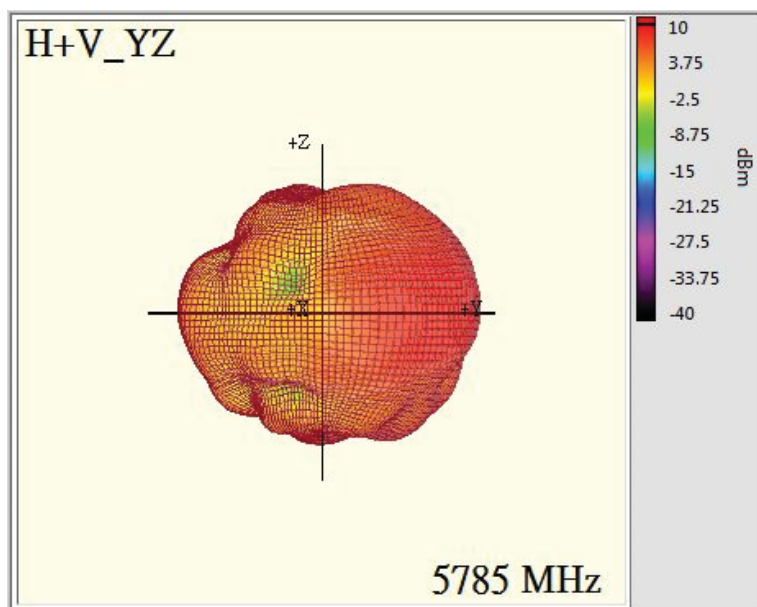
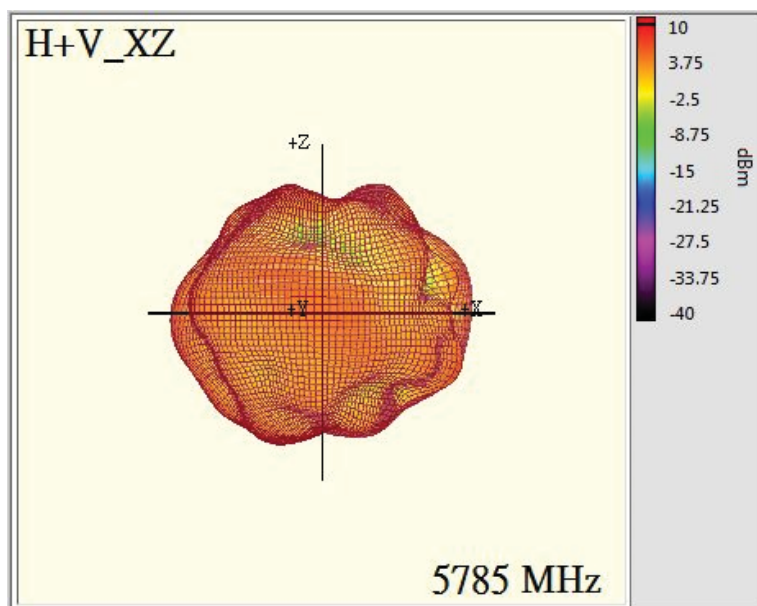
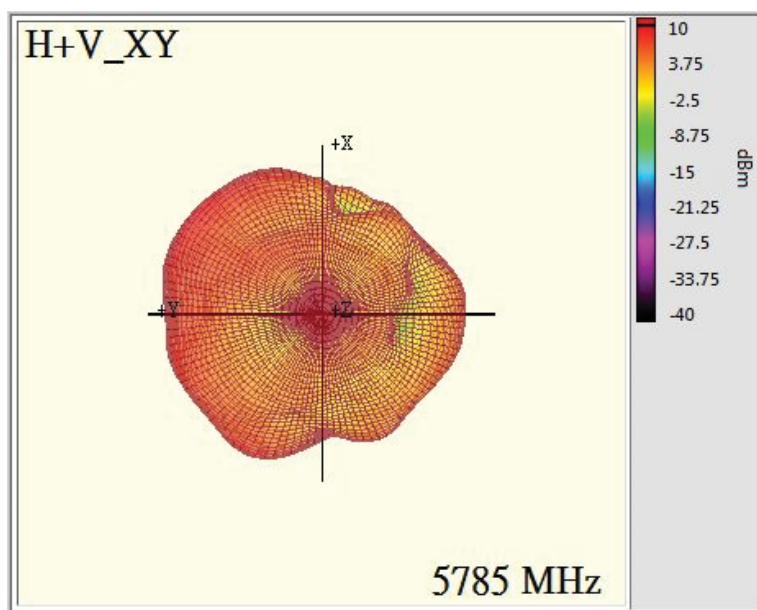


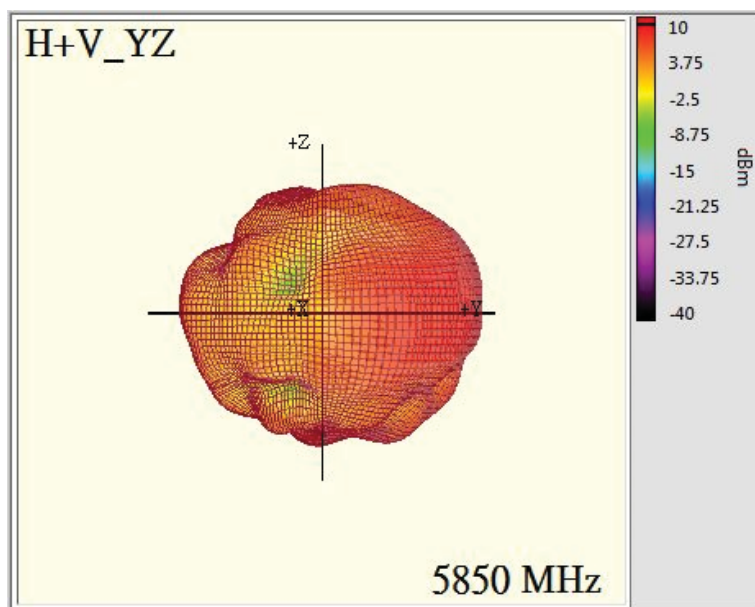
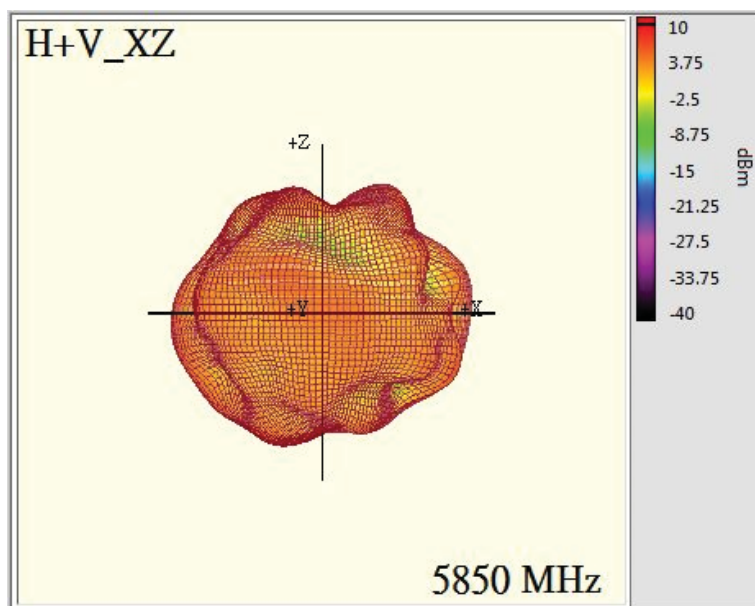
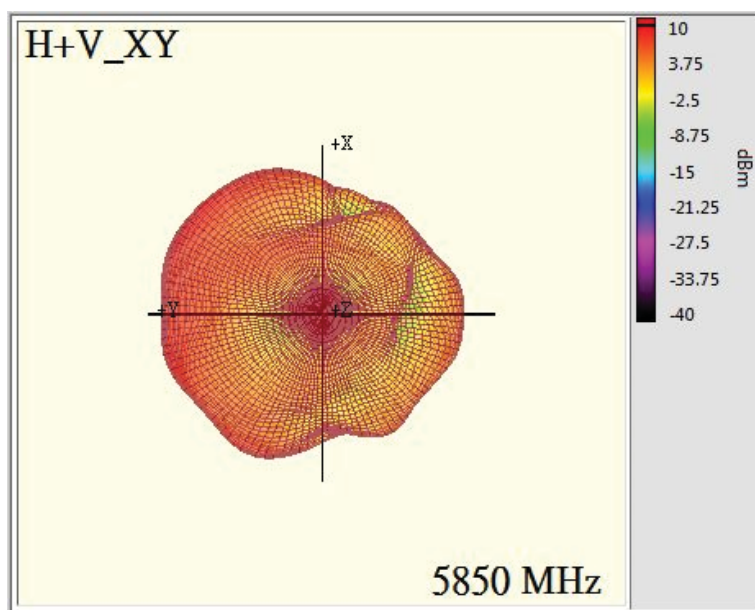












Gray

