

DATE : 2009/10/04

CUSTOMER : FIC

TEST REPORT

MODEL	CW021
DESCRIPTION	PIFA For Wireless LAN Antenna 2.4~2.5GHZ
Antenna P/N	DML-156
Antenna Type	PIFA Antenna
Antenna Gain	0.67 dB

SPEEDTECH			CUSTOMER	
Manager	Supervisor	Engineer		
Y.J	LUN	DYLAN		



桃園縣龜山鄉民生北路一段568號
No.568, Sec. 1, Min-Sheng N.Road.
Kwei-Shan Hsiang, Taoyuan Hsien, Taiwan

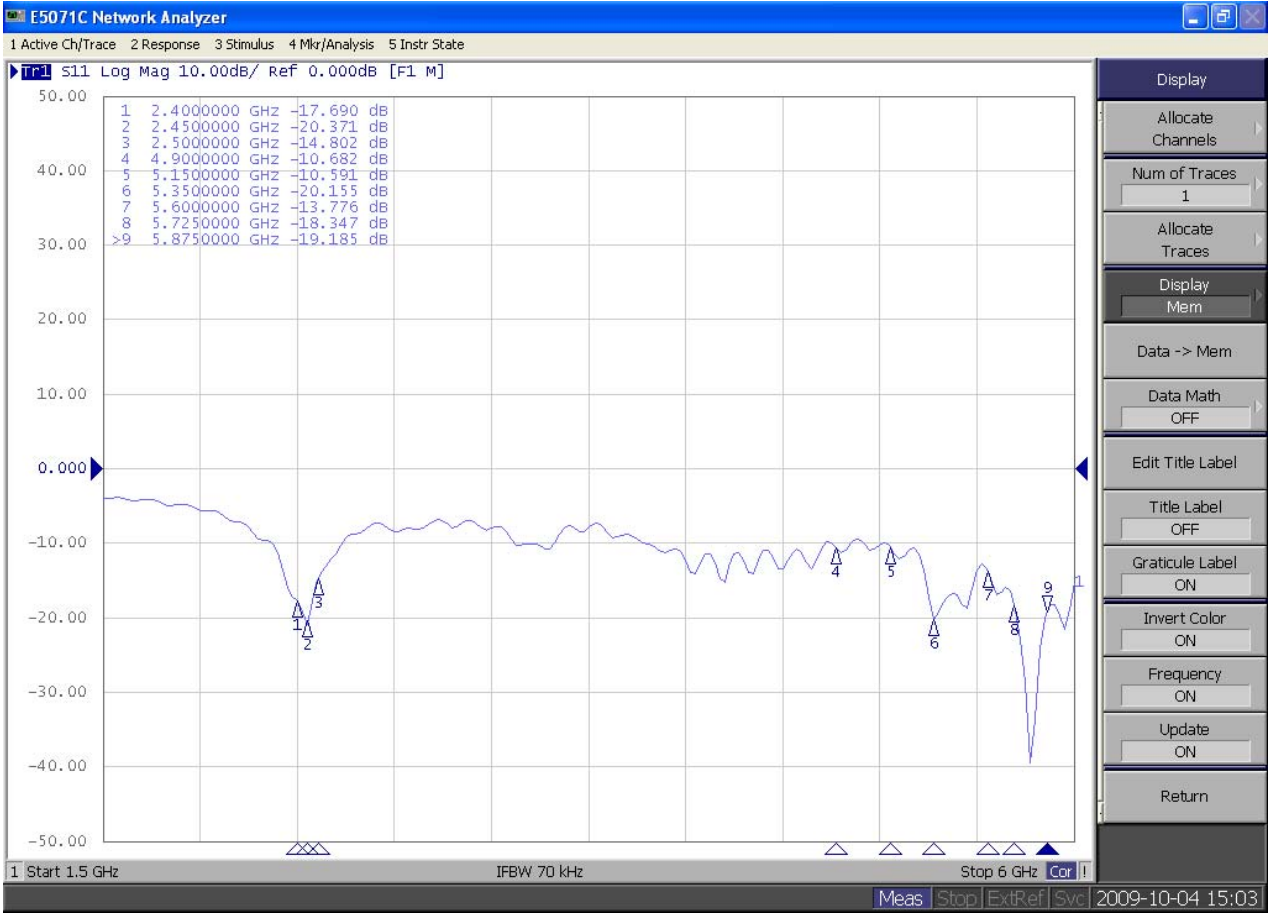
TEL: 886-3-2120088

FAX: 886-3-2121712

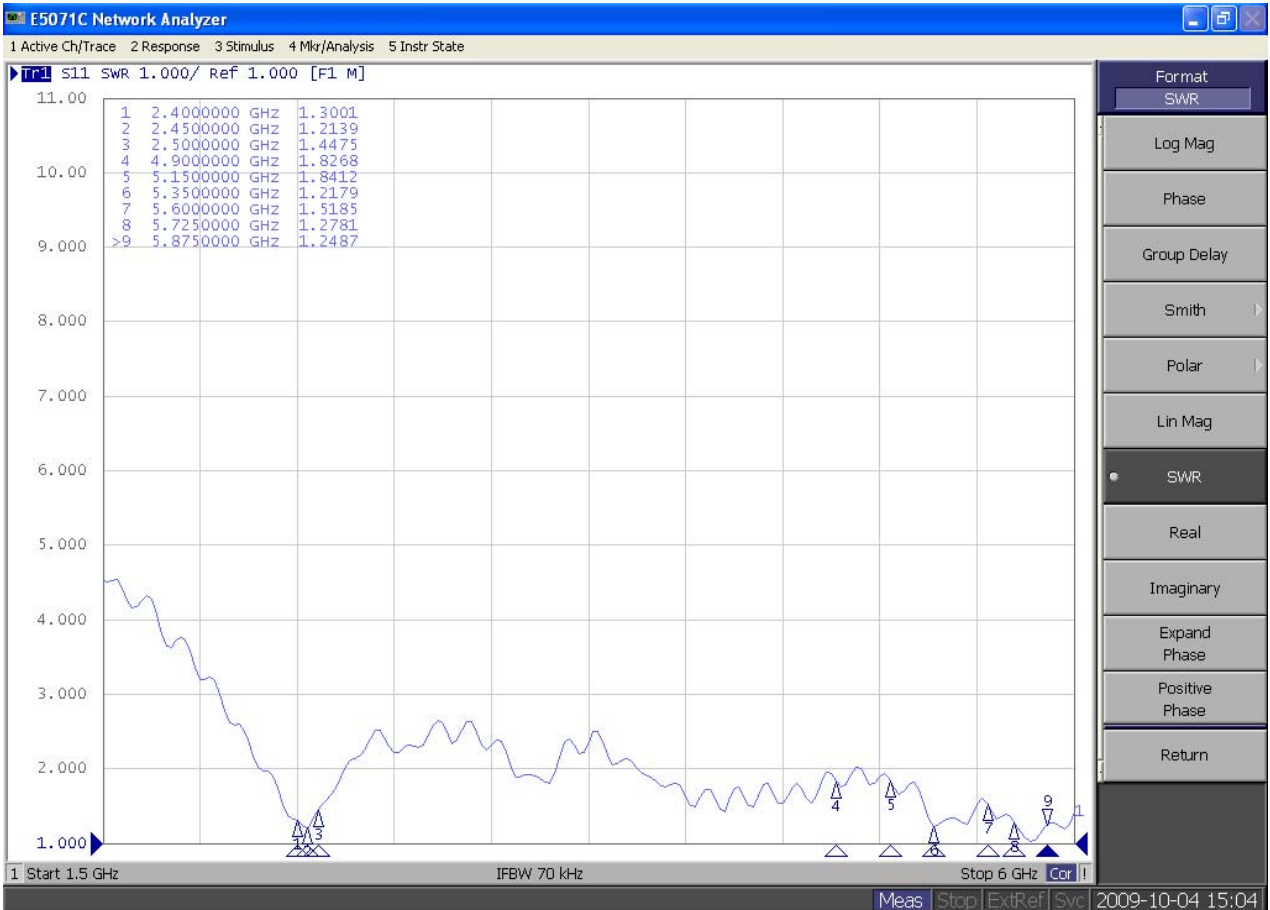
<http://www.speedtech.com.tw>

1.WLAN Ant./ (MAIN)

2.4~2.5GHZ & 4.9~5.875GHZ / Return Loss



2.4~2.5GHZ & 4.9~5.875GHZ/VSWR

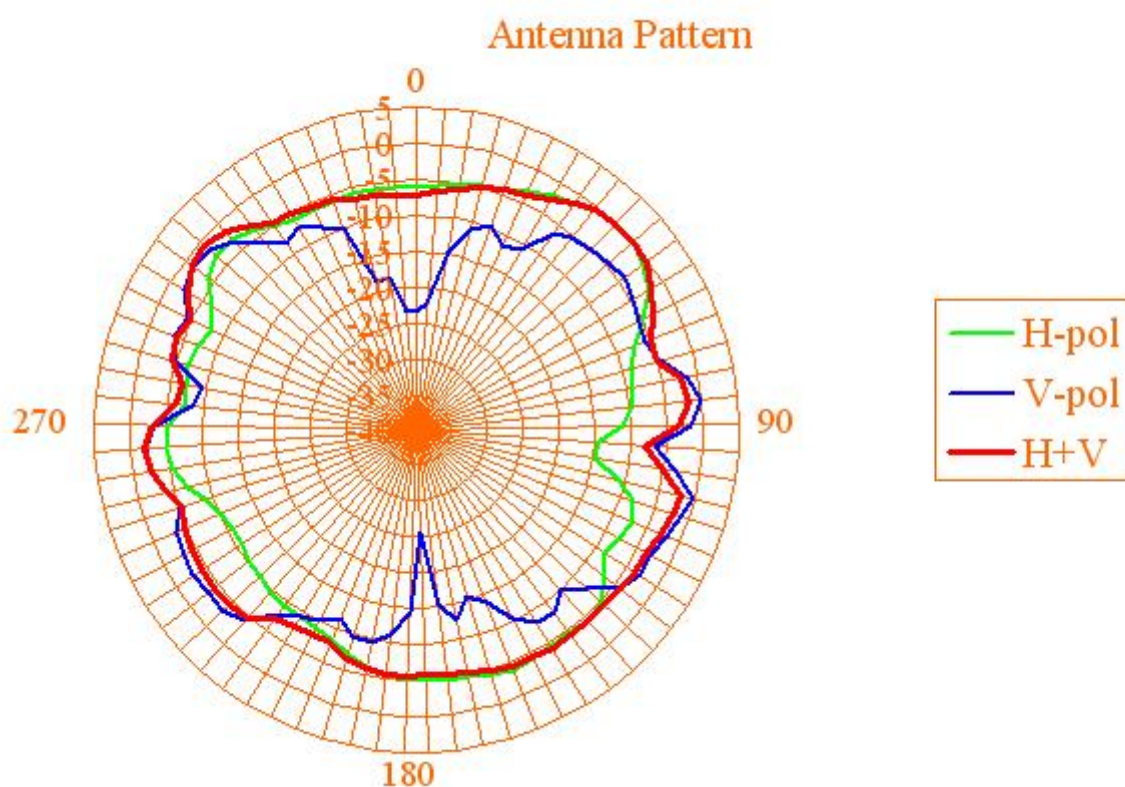


2.Gain & Pattern –MAIN

a. 2.4GHz



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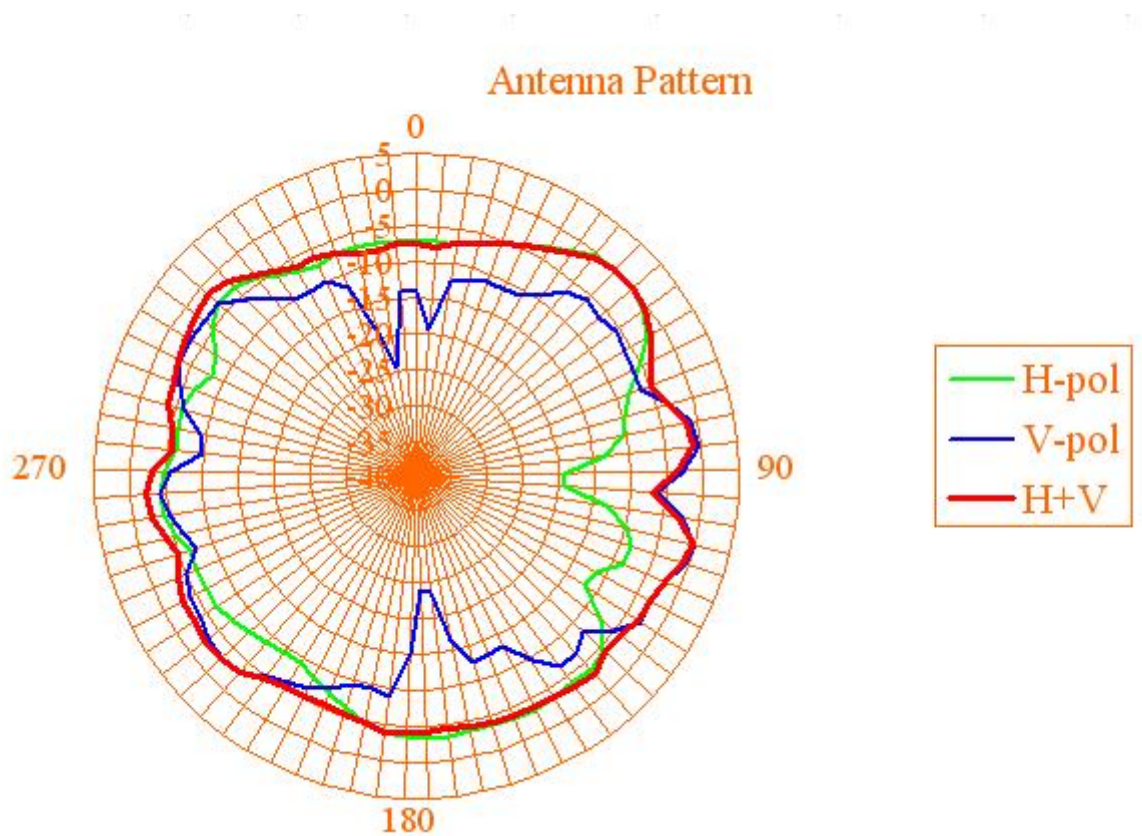


	H-Pol	V-Pol	H+V
Average Gain	-6.20	-7.31	-3.71
Peak Gain	-0.81	-2.01	0.15

b. 2.45GHz



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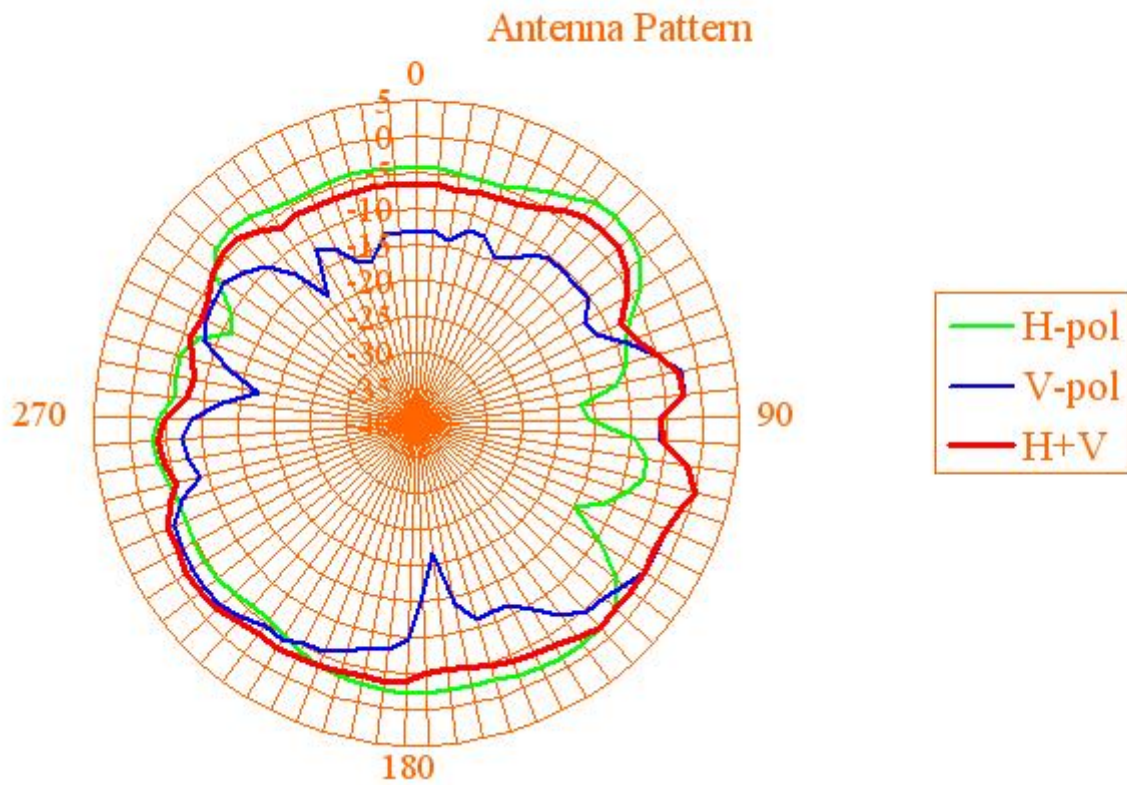


	H-Pol	V-Pol	H+V
Average Gain	-6.43	-6.75	-3.58
Peak Gain	-1.14	-0.98	-0.12

c. 2.5GHz



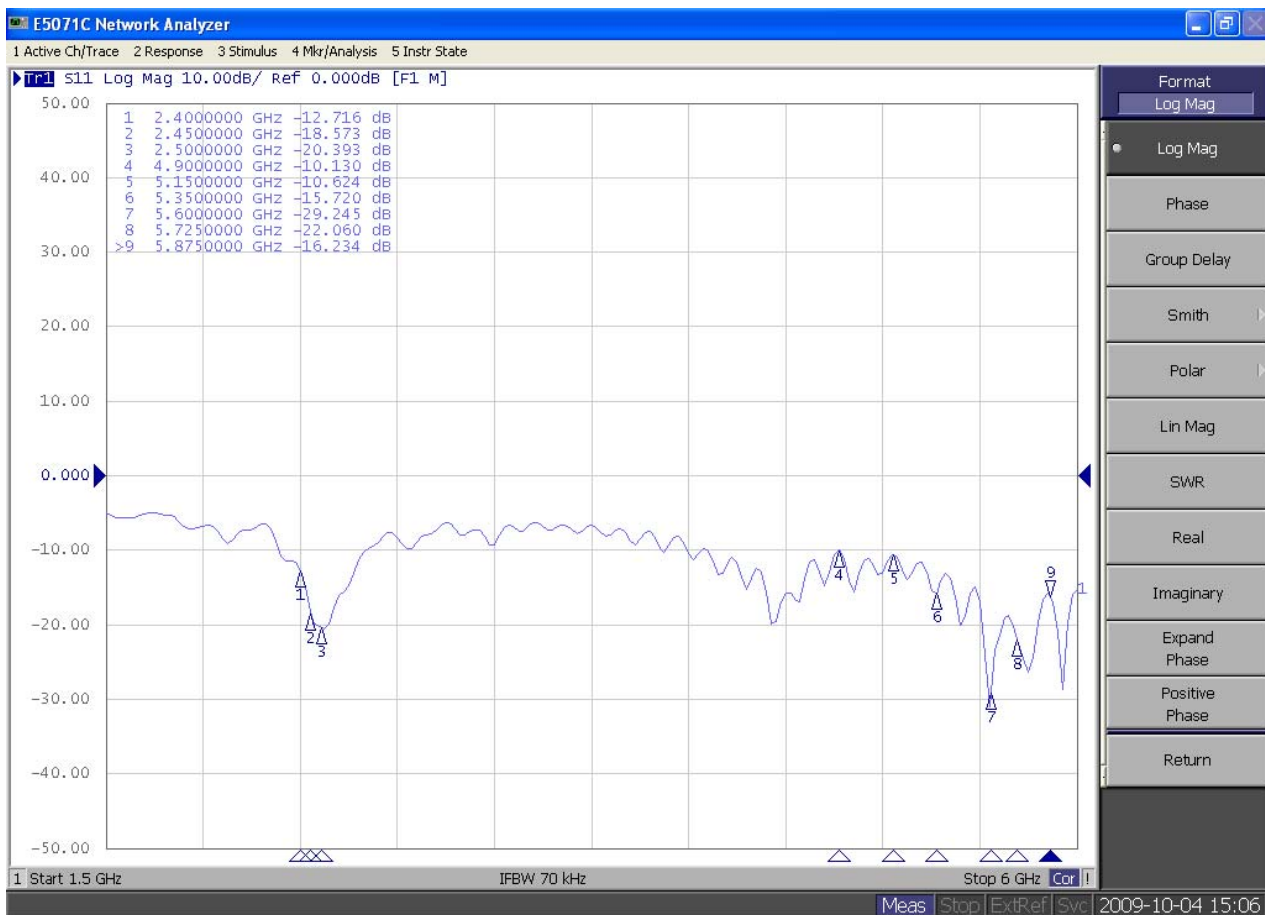
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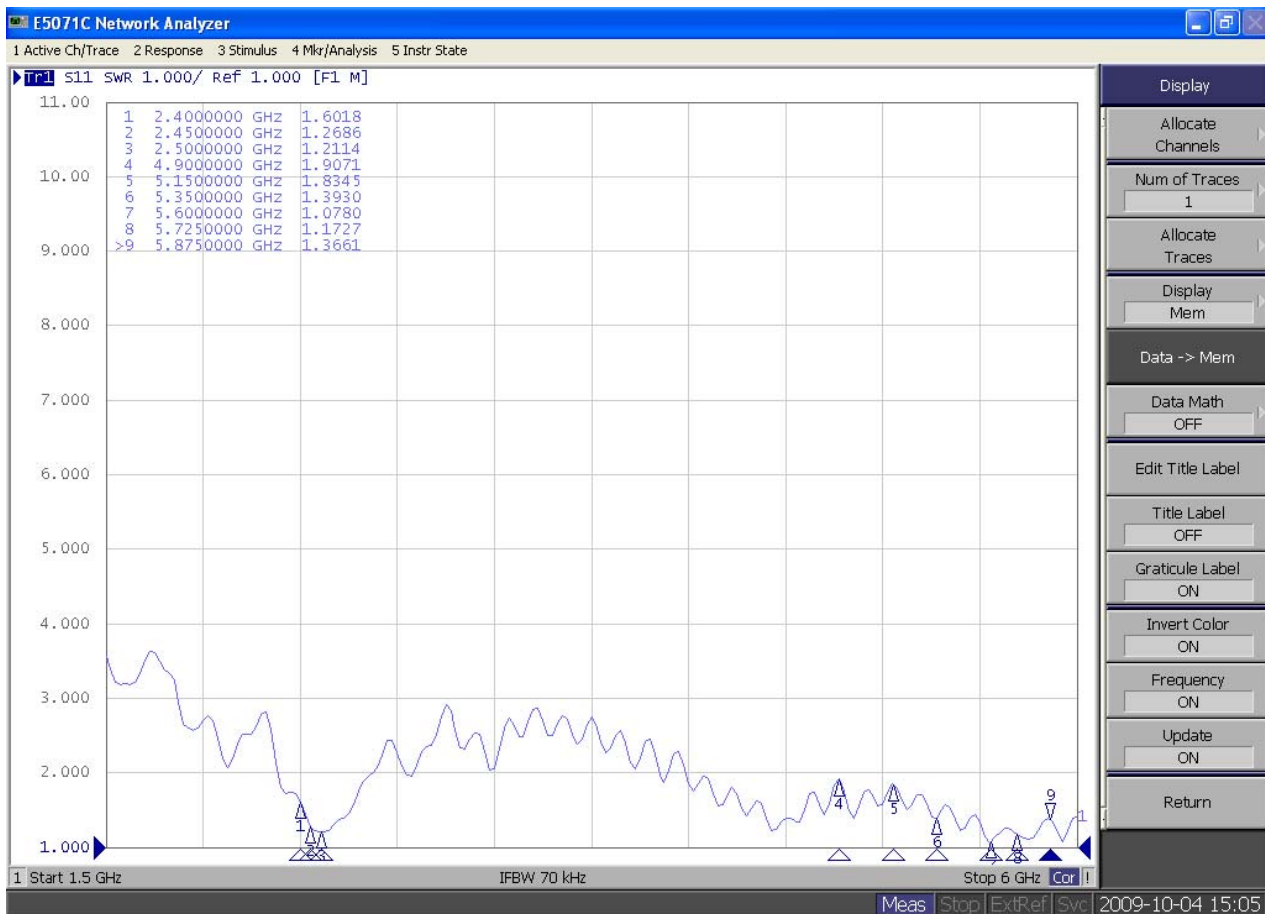
	H-Pol	V-Pol	H+V
Average Gain	-6.98	-6.62	-3.78
Peak Gain	-2.88	-0.16	0.22

3.WLAN Ant./ (AUX)

2.4~2.5GHZ & 4.9~5.875GHZ / Return Loss



2.4~2.5GHZ & 4.9~5.875GHZ/VSWR

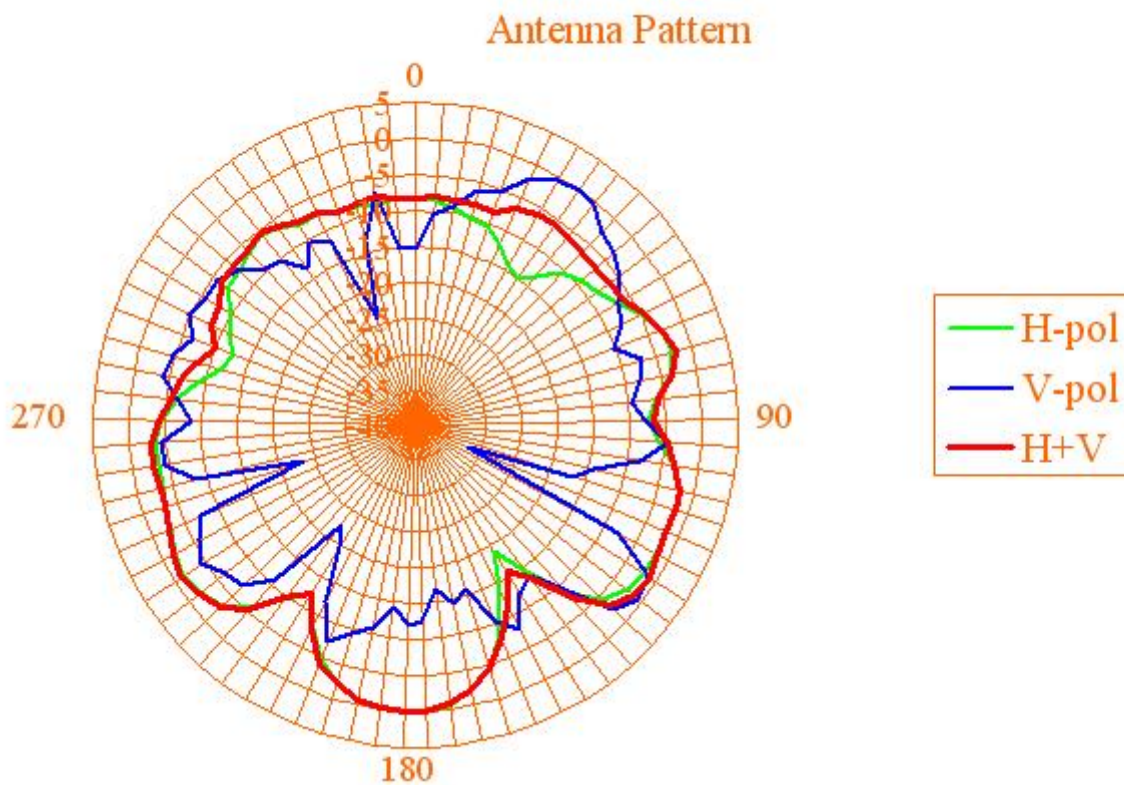


4.Gain & Pattern –AUX

n. 2.4GHz



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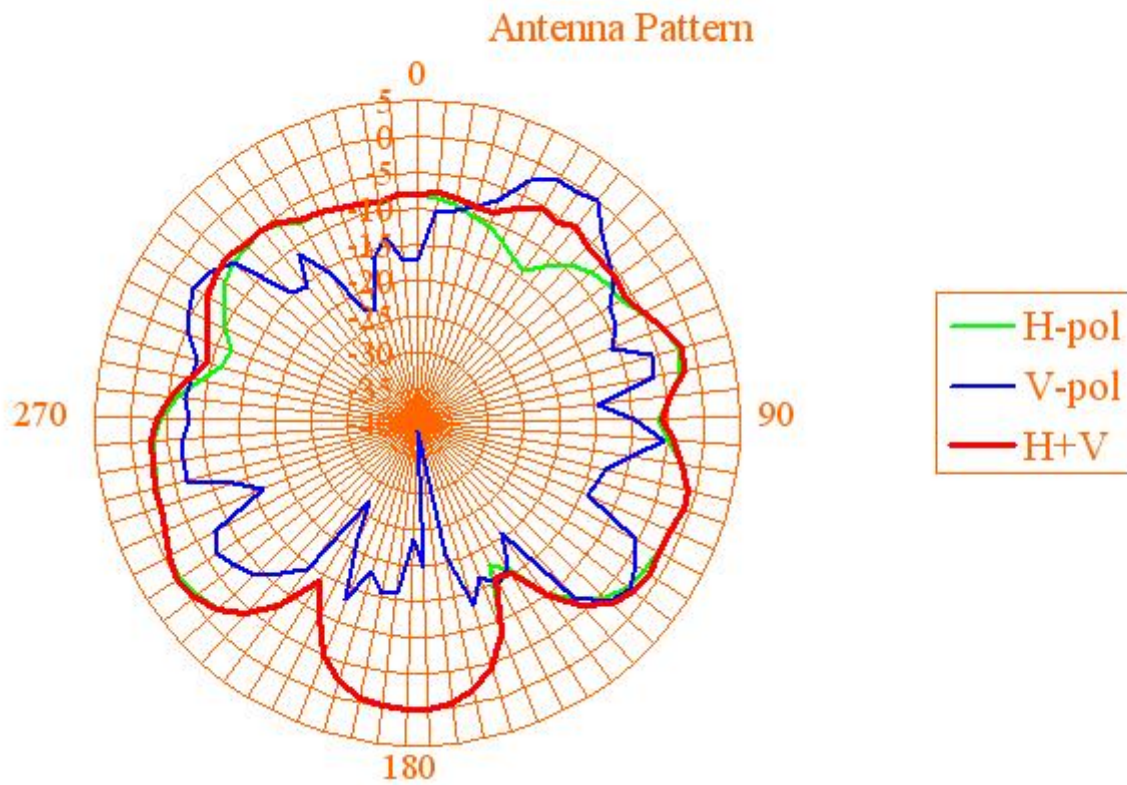


	H-Pol	V-Pol	H+V
Average Gain	-4.30	-12.25	-3.65
Peak Gain	0.61	-5.66	0.67

o. 2.45GHz



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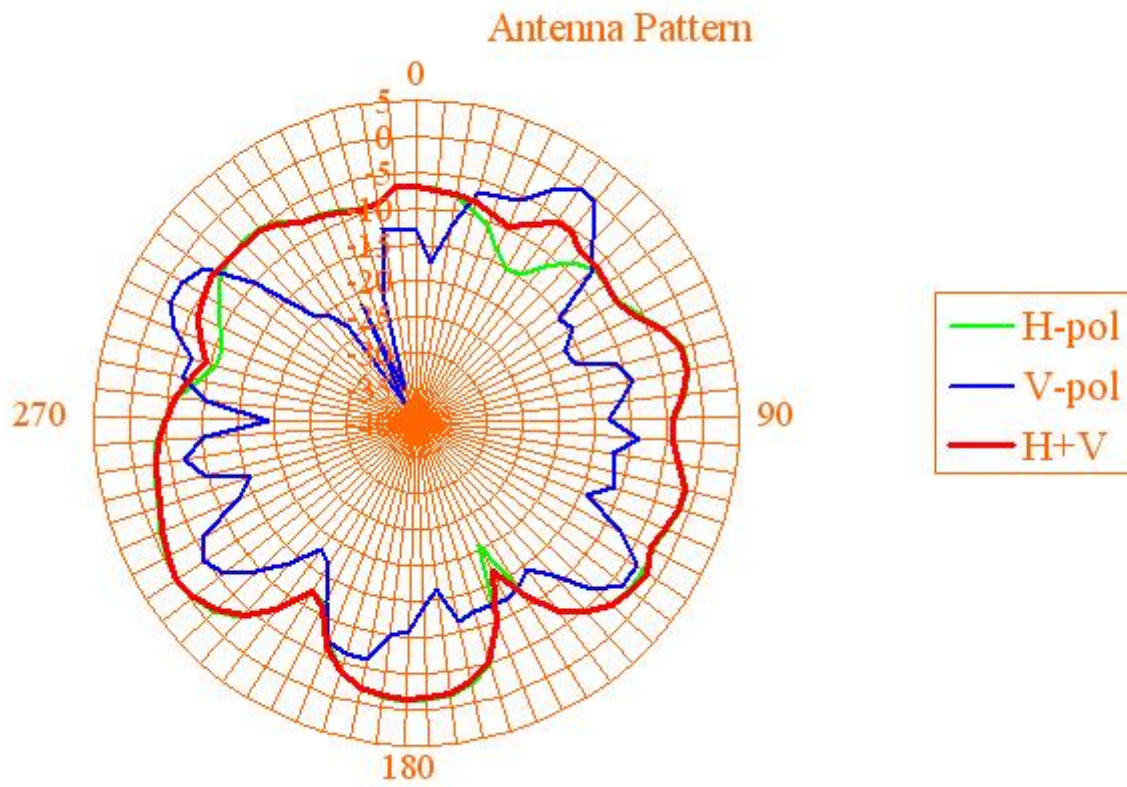


	H-Pol	V-Pol	H+V
Average Gain	-3.95	-12.81	-3.42
Peak Gain	0.48	-5.22	0.48

p. 2.5GHz



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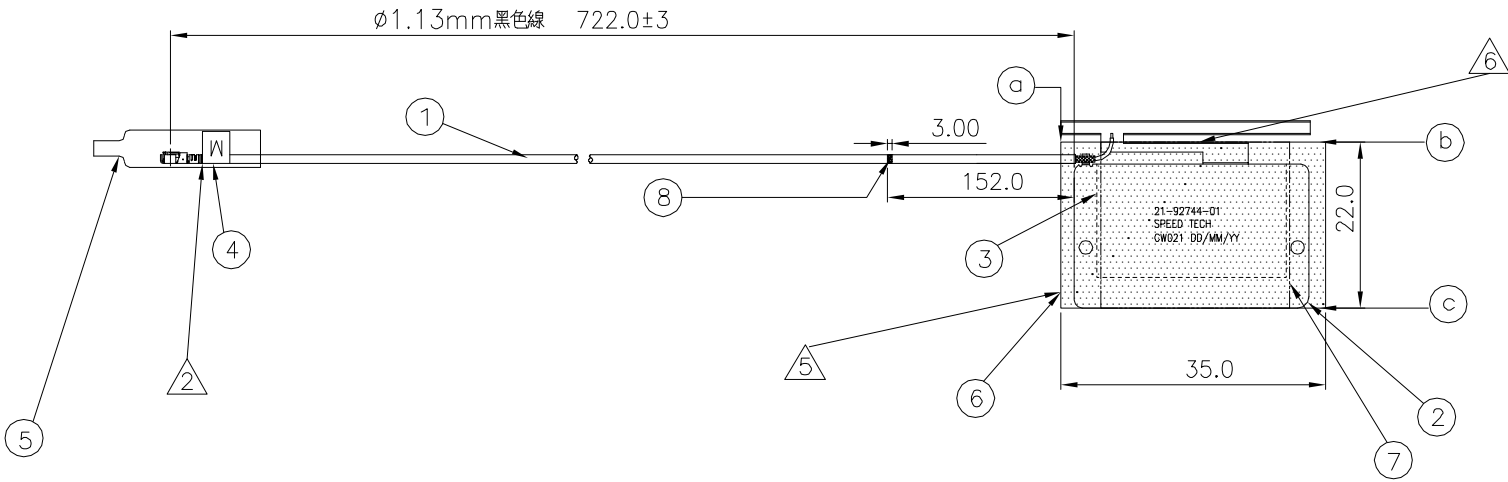


	H-Pol	V-Pol	H+V
Average Gain	-4.07	-13.80	-3.63
Peak Gain	0.32	-5.93	0.65

1 2 3 4 5 6 7 8

DCC ISSUE	02-OCT-09	REV	MODIFICATION	DATE	DRAW	APPROVE
		XE	EN0903052	17-MAY-09	AILIE	Y.J.
		XF	EN0904061	04-JUN-09	AILIE	Y.J.
		XG			AILIE	Y.J.

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- NOTES:
1. ITEM 6 正面(鋁箔面)噴印
 - ① 客戶料號
 - ② 我司名稱(英文)
 - ③ 機種名稱+製造日期
 2. 標籤紙捲繞於線上再套上保護套管
 3. Vender P/N: DMLP156-0001
 4. CUSTOMER P/N: 21-92744-01
 5. ITEM 6黏貼注意事項
 - a 與天線最右邊切齊
 - b 鋁麥拉切齊中間橫桿的上緣
 - c 與天線的GND切齊
 - d 麥拉面朝GND
 6. ITEM 7黏貼注意事項
 - ★① 雙面膠切齊位置與鋁麥拉相同

	PART NAME	Q'TY	MATERIAL
1	MICRO CONNECTOR PLUG CABLE ASSEMBLY	1	1.13mm Coaxial Cable And CONNECTOR
2	PR340T-R PIFA Antenna	1	THICKNESS:0.4±0.02mm 馬口鐵
3	雙面導電鋁箔	1	25*15mm
4	LABEL	1	4.5*13mm
5	透明保護套管	1	∅2.5*20mm
6	鋁麥拉	1	35*22mm
7	雙面膠	1	25*22mm G9000膠適用溫度:-10~90°C
8	白色熱縮套管	1	∅1.5*3mm

ASSEMBLY PART NAME: DMLP156-0001

DIMENSION IN mm [Inch]		PROD. SPEC.			
TOLERANCE UNLESS OTHERWISE SPECIFIED					
.X±2.0	X.*±	PKG. SPEC.			
.XX±1.5	.X.*±	FILE NO.		DWG NO.	
.XXX±	.XX.*±			DML-156	
TITLE				CUSTOMER DRAWING	
CW021 (FIC) WLAN-R ANTENNA					
APPROVE	CHECK	DRAW	PROJ.	SHEET	1 / 2
Y.J.	DYLAN	AILIE		SCALE	1:1
			SIZE	A4	REV
					XG

1 2 3 4 5 6 7 8 8F-04-R11 REV:3