

DATE : 2009/10/04

CUSTOMER : FIC

TEST REPORT

MODEL	CW021 (FOLDED)
DESCRIPTION	PIFA For Wireless LAN Antenna 2.4~2.5GHZ
Antenna P/N	DML-156
Antenna Type	PIFA Antenna
Antenna Gain	0.61 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

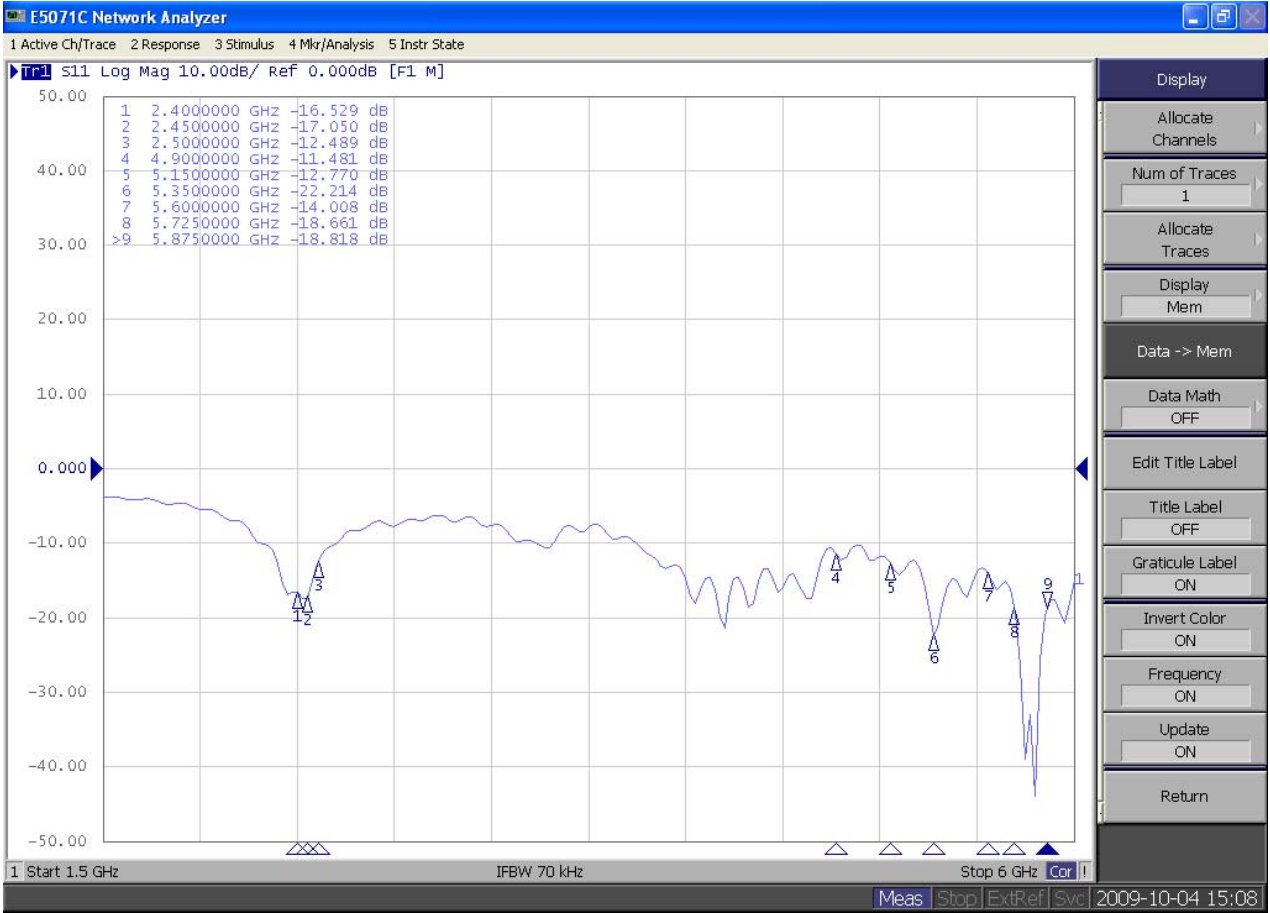
TEL: 886-3-2120088

FAX: 886-3-2121712

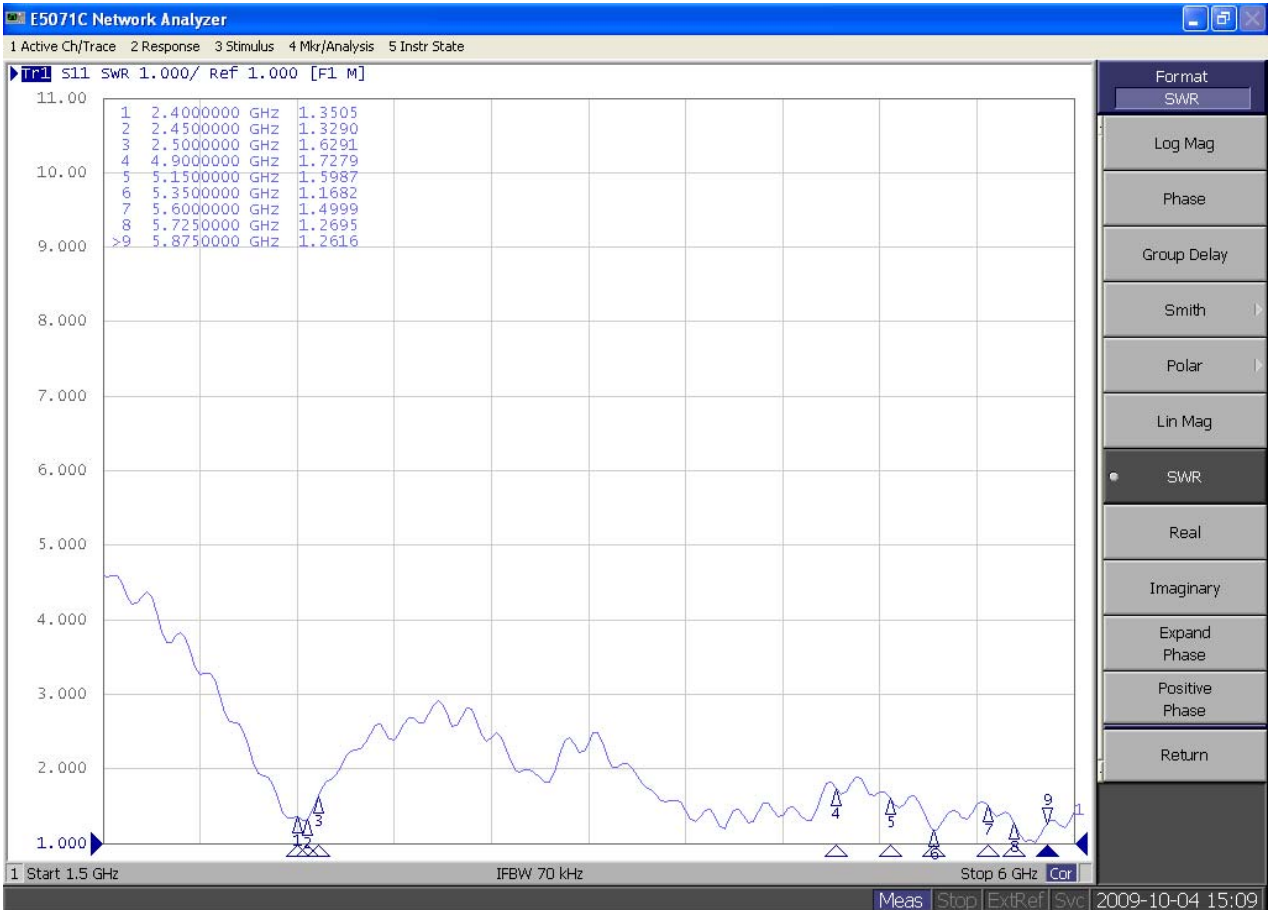
<http://www.speedtech.com.tw>

1.WLAN Ant./ (MAIN)

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



2.4~2.5GHZ & 4.9~5.875GHZ / VSWR

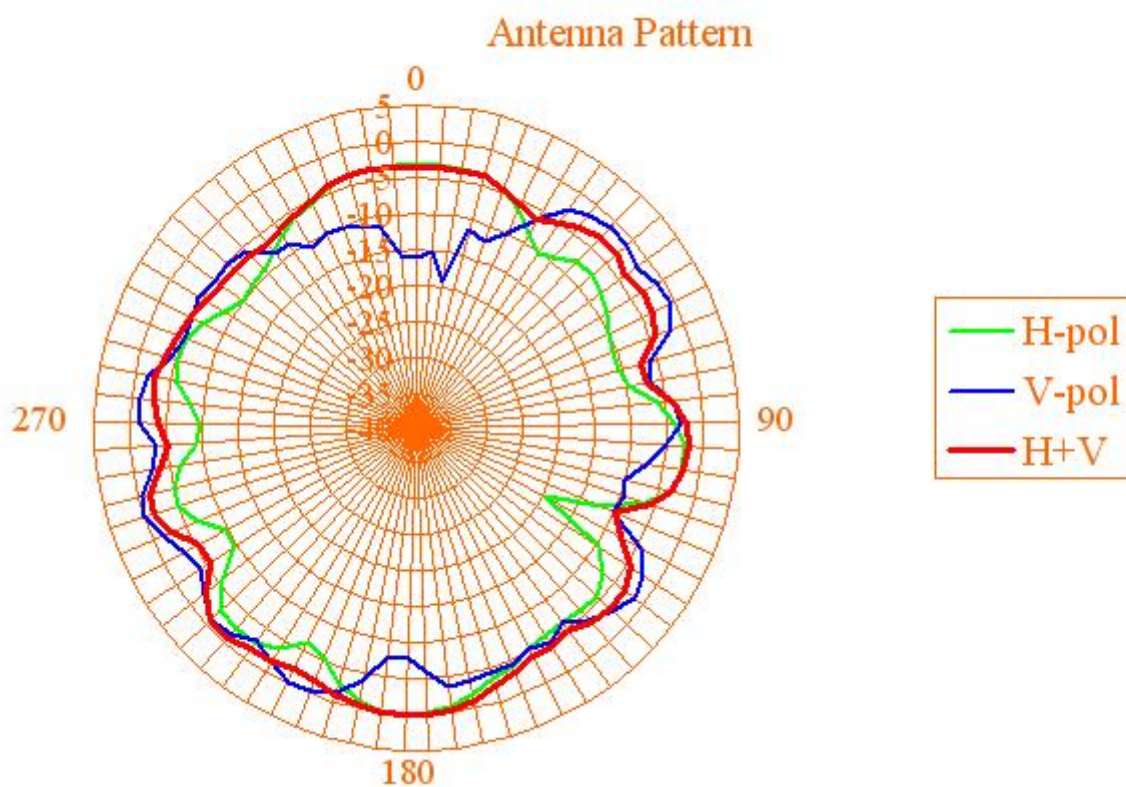


2.Gain & Pattern –MAIN

a. 2.4GHz



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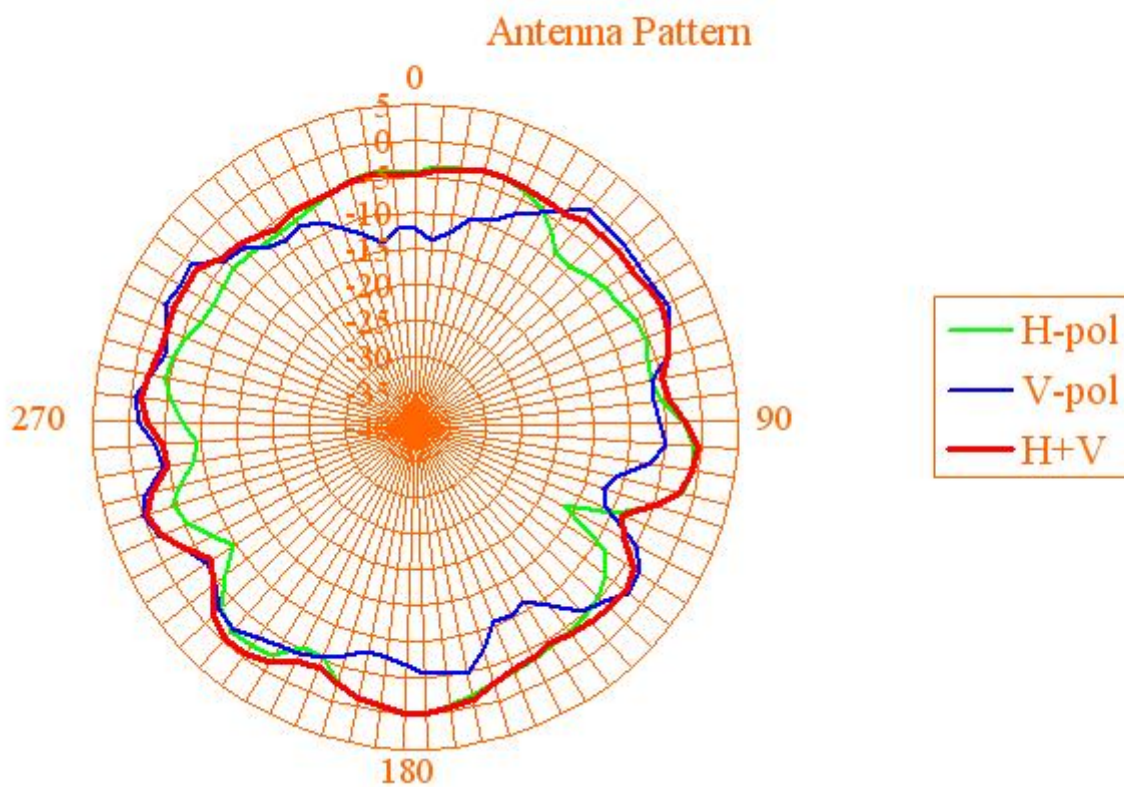


	H-Pol	V-Pol	H+V
Average Gain	-5.71	-7.91	-3.66
Peak Gain	-0.68	-4.06	-0.36

b. 2.45GHz



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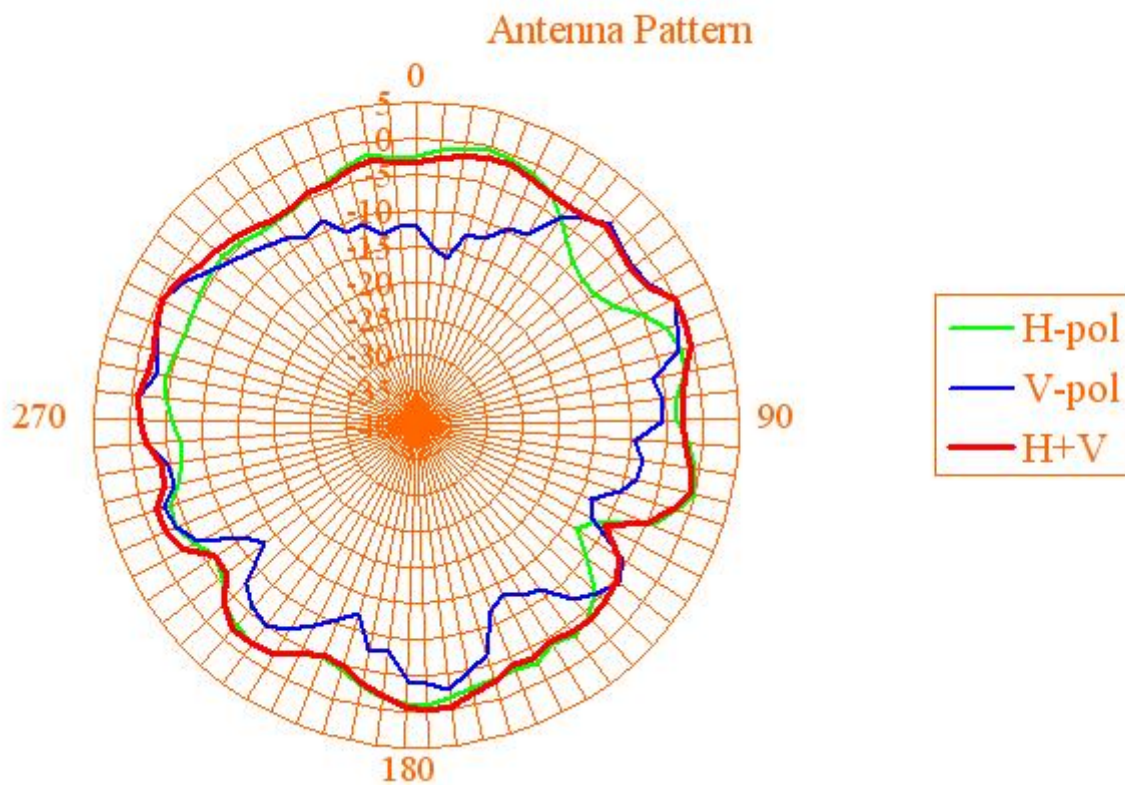


	H-Pol	V-Pol	H+V
Average Gain	-5.79	-7.61	-3.60
Peak Gain	-1.48	-3.25	-0.77

c. 2.5GHz



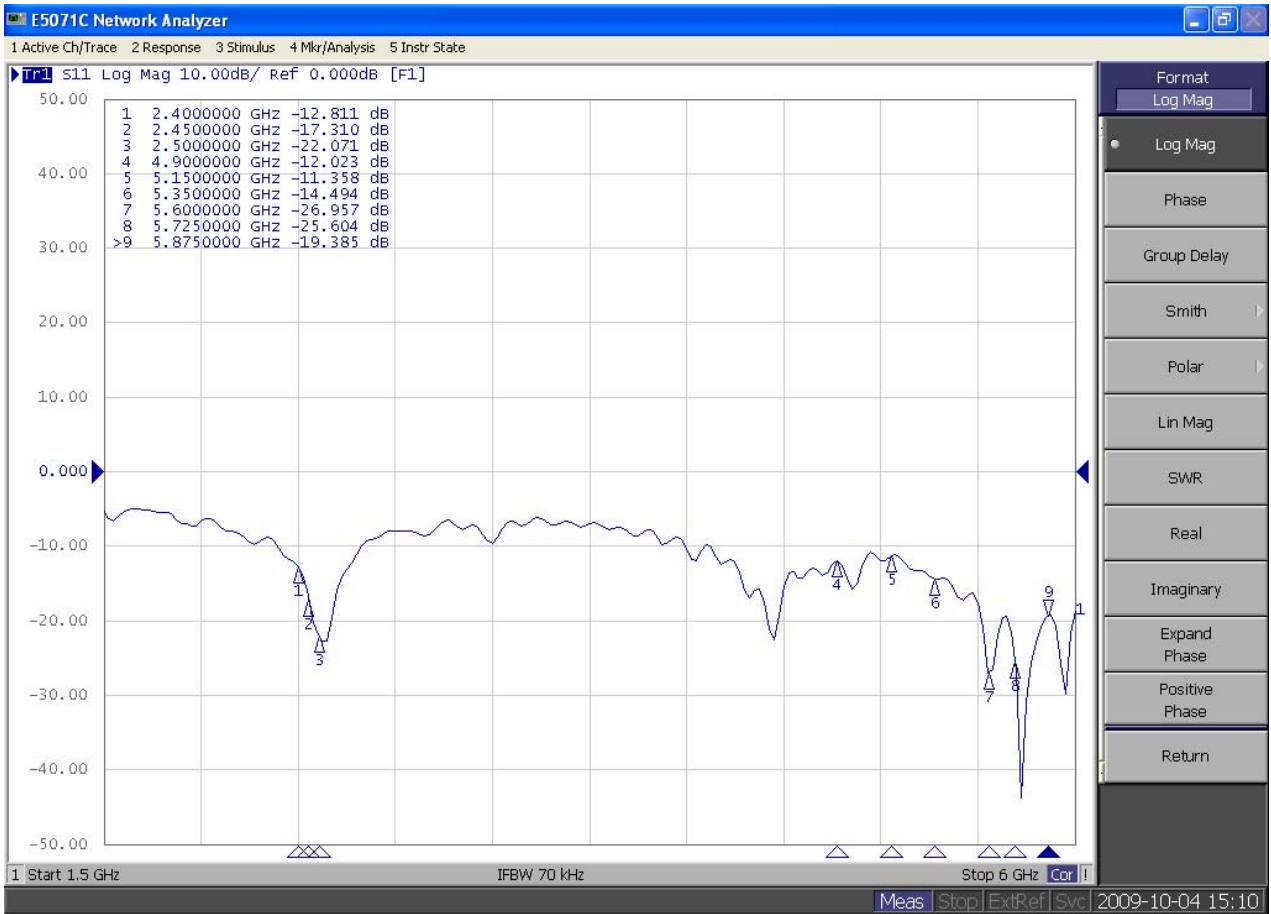
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	H-Pol	V-Pol	H+V
Average Gain	-5.91	-7.65	-3.68
Peak Gain	-2.42	-2.37	-1.13

3.WLAN Ant./ (AUX)

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



2.4~2.5GHZ & 4.9~5.875GHZ / VSWR

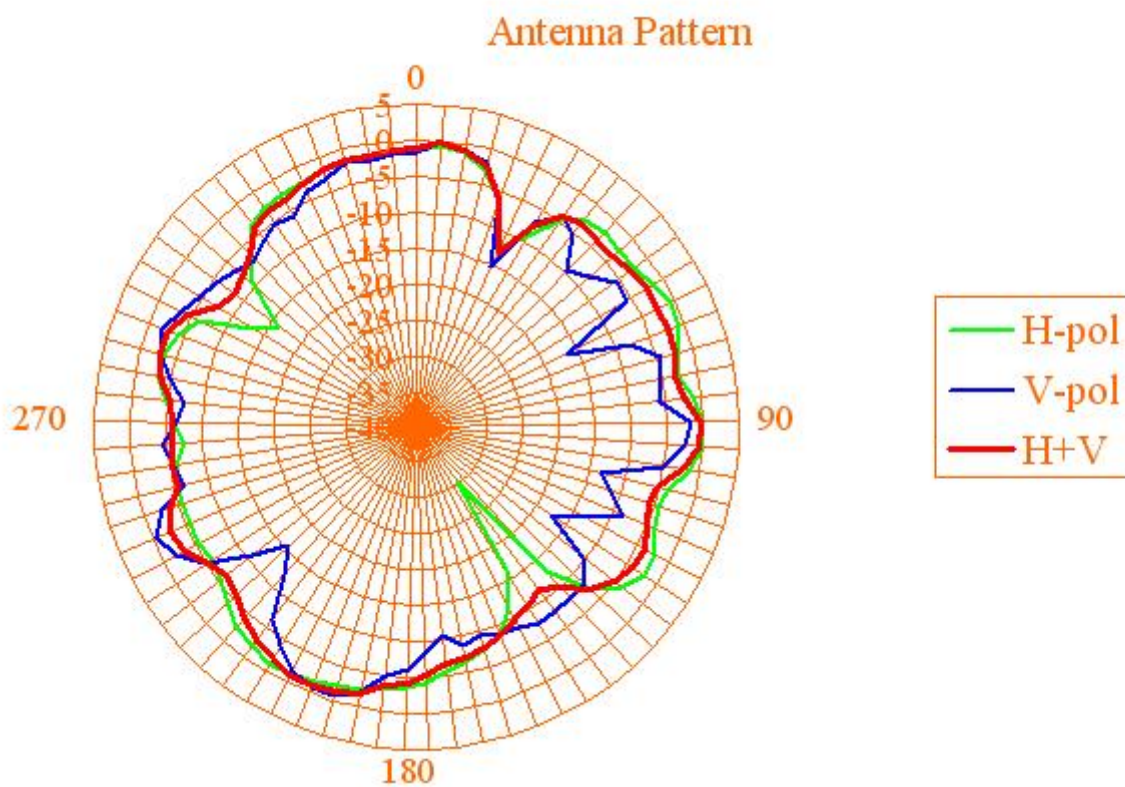


4.Gain & Pattern –AUX

n. 2.4GHz



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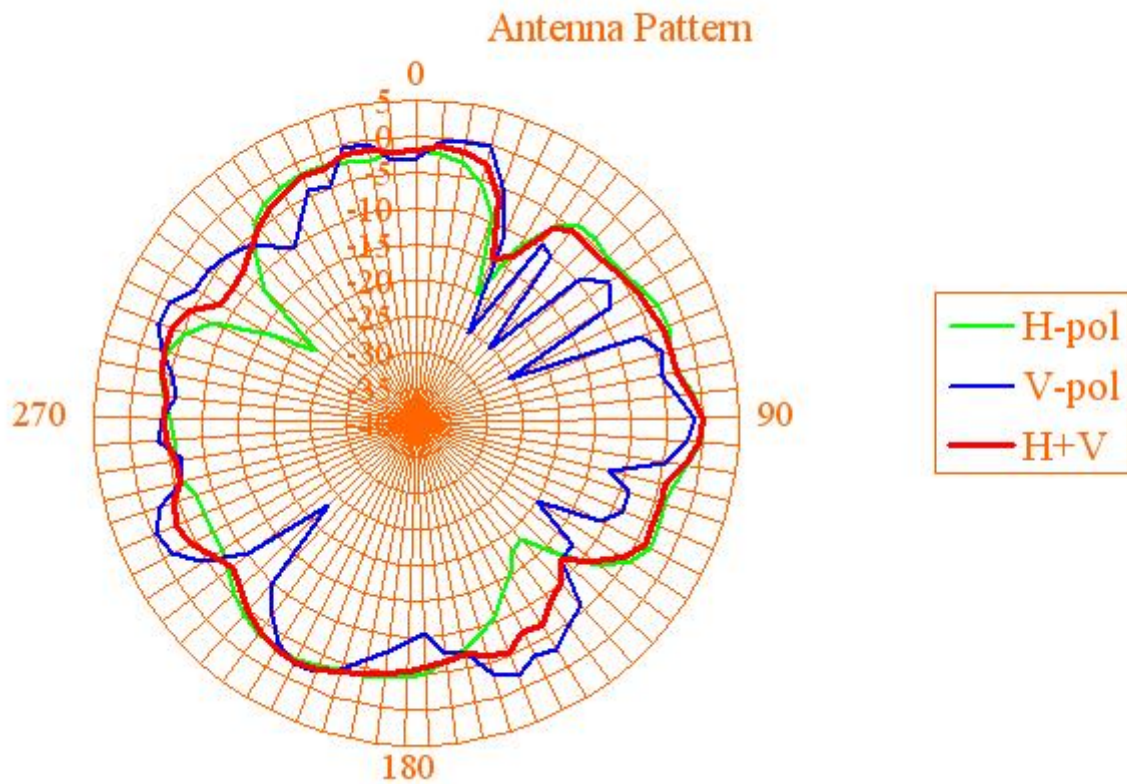


	H-Pol	V-Pol	H+V
Average Gain	-5.47	-8.45	-3.70
Peak Gain	-1.91	-3.54	0.07

o. 2.45GHz



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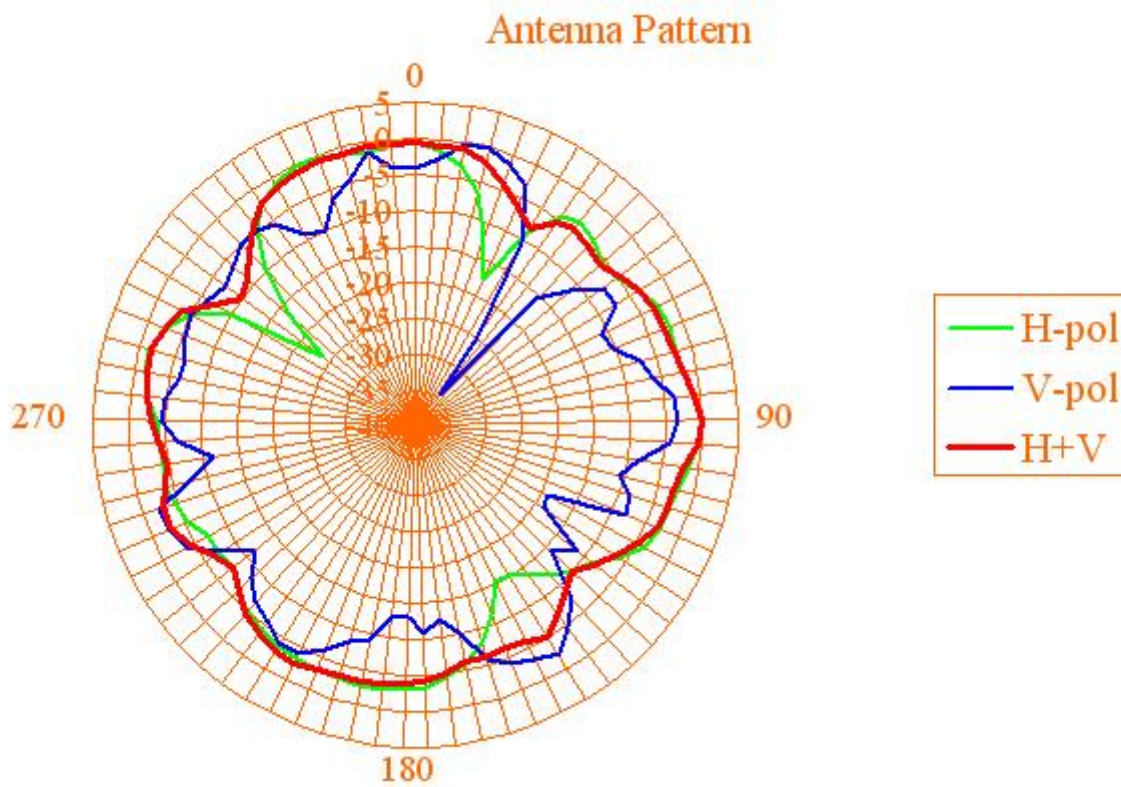


	H-Pol	V-Pol	H+V
Average Gain	-5.34	-8.52	-3.63
Peak Gain	-0.78	-3.88	0.61

p. 2.5GHz



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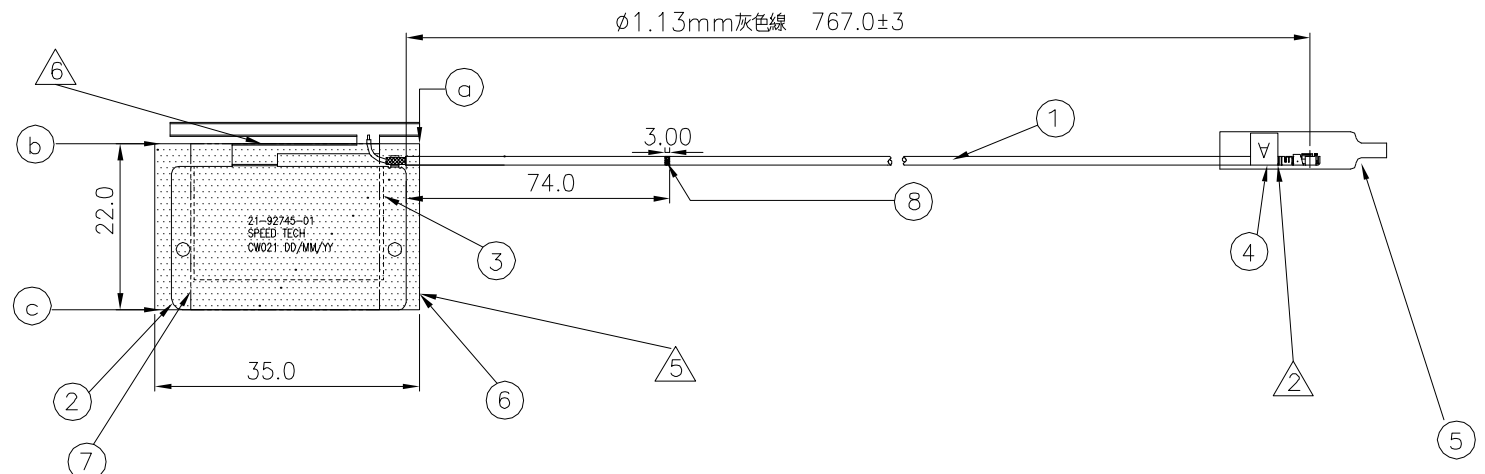


	H-Pol	V-Pol	H+V
Average Gain	-4.84	-9.05	-3.44
Peak Gain	-0.99	-3.21	0.09

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
 - △ 標籤紙捲繞於線上再套上保護套管
 3. Vender P/N: DMLP156-0002
 4. CUSTOMER P/N: 21-92745-01
 - △ 5. ITEM 6黏貼注意事項
 - ⓐ 與天線最右邊切齊
 - ⓑ 鋁麥拉切齊中間橫桿的上緣
 - ⓒ 與天線的GND切齊
 - ⓓ 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: DMLP156-0002

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

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