



1 Antenna Test Result

1.1 Test Information

Brand Name	
Model Name	
Test Standard	ANSI C63.5: 2006
Applicant	
Applicant Address	
Sample Received	Apr. 18, 2013
Test Date	Apr. 18, 2013
Test Result No.	340944-x
Remark	

1.2 Testing Location

Testing Location			
<input type="checkbox"/>	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL : 886-3-327-3456 FAX : 886-3-318-0055	
<input checked="" type="checkbox"/>	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085	
Testing Site No.			
05CH01-CB	-	-	-

1.3 Test Mode

The following tables are showing the test modes as the worst cases and recorded in this report.

Antenna Test Suites			
Description	Polarization		Test Channel
	Horizontal	Vertical	
Antenna Gain	✓	✓	BMT

Note: Test Channel: B (Bottom channel), M (Middle channel), and T (Top channel).



1.4 Test Frequency

EUT Channel	B	M	T
Frequency	2.402GHz	2.441GHz	2.48GHz

Note: Test Channel: B (Bottom channel), M (Middle channel), and T (Top channel).

1.5 Test Result of Antenna Gain

Polarization	Horizontal & Vertical	Temperature :	24 °C
Test Engineer :	kenneth	Relative Humidity :	61 %

Test Freq	Peak Gain (dBi)	Average Gain (dBi)	Beamwidth (°)	Plane
2.402GHz	PK 1.16 dBi	AV -5.5 dBi	Beam 54 °	Horizontal
2.441GHz	PK 0.96 dBi	AV -6.13 dBi	Beam 27 °	Horizontal
2.48GHz	PK 0.45 dBi	AV -6.39 dBi	Beam 31 °	Horizontal
2.402GHz	PK -7.28 dBi	AV -12.48 dBi	Beam 360 °	Vertical
2.441GHz	PK -7.6 dBi	AV -13.63 dBi	Beam 48 °	Vertical
2.48GHz	PK -8.84 dBi	AV -14.53 dBi	Beam 187 °	Vertical

1.6 Test Result of Antenna Gain Pattern



