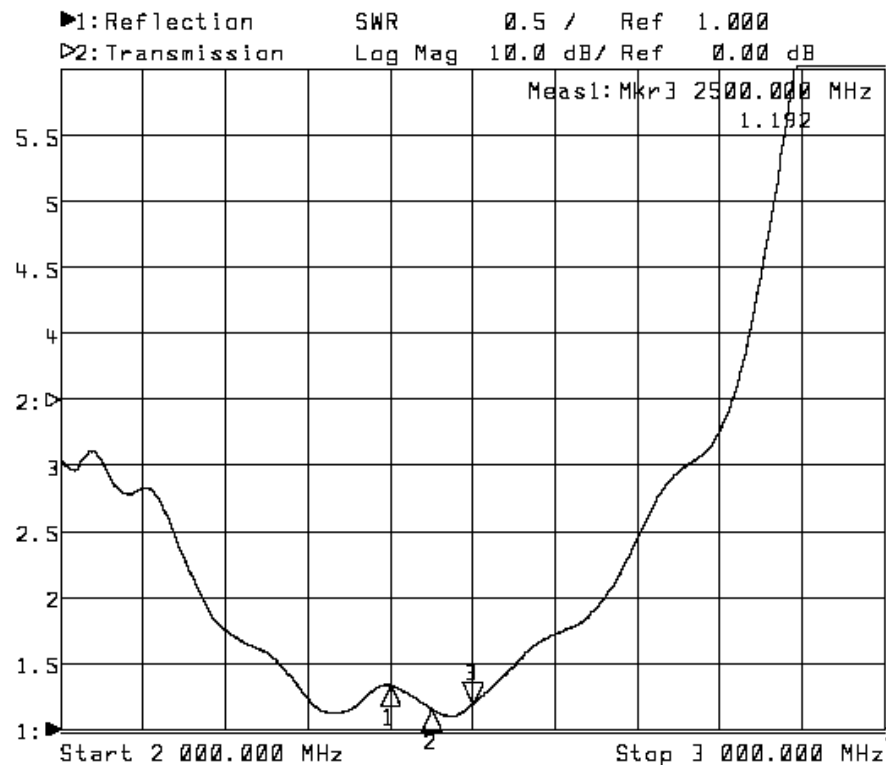


Quanta BM1 Antenna Test Report

Sheng Tai

VSWR For Left Antenna



1: Mkr (MHz)	2: Mkr (MHz)	dB
1: 2400.0000	1.332	
2: 2450.0000	1.153	
3: 2500.0000	1.192	

2.4 GHz = 1.332

2.45 GHz = 1.153

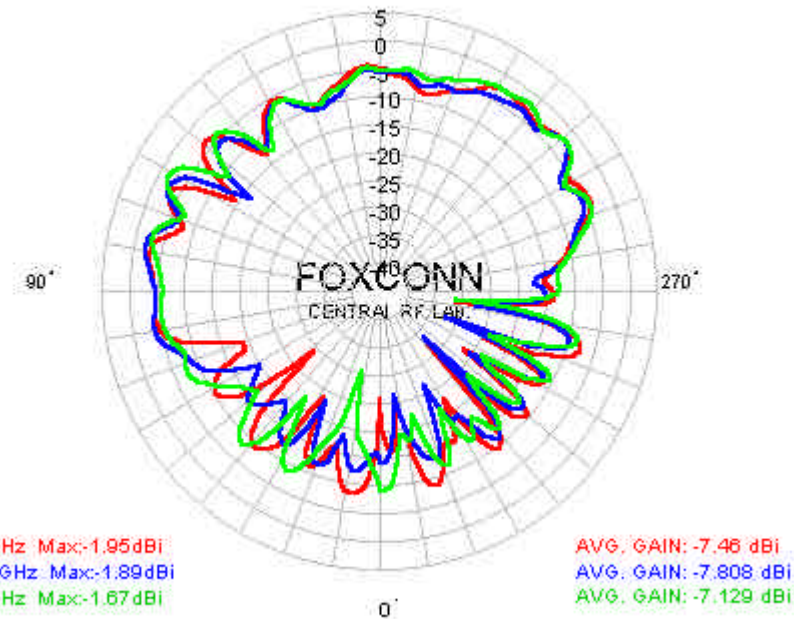
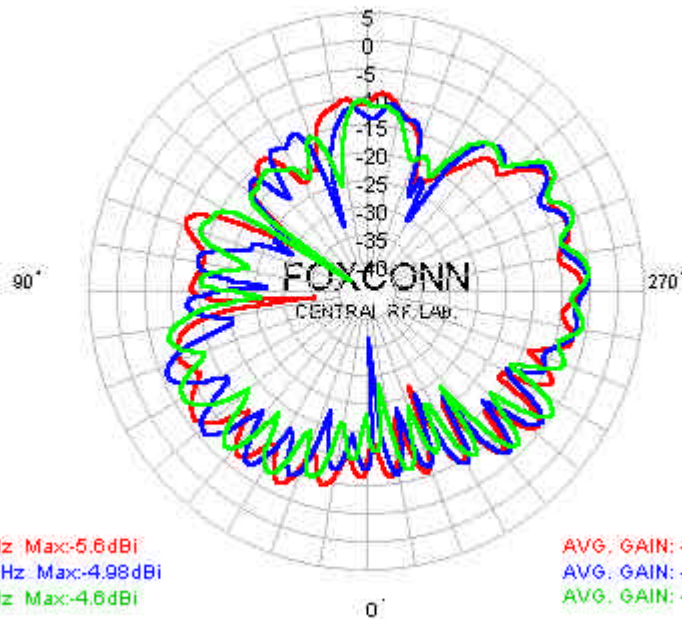
2.5 GHz = 1.192

Cable Length = 115mm

XY Plane Radiation Pattern For Left Antenna (2.4 ~ 2.5 GHz)

HORIZONTAL POLARIZATION

VERTICAL POLARIZATION



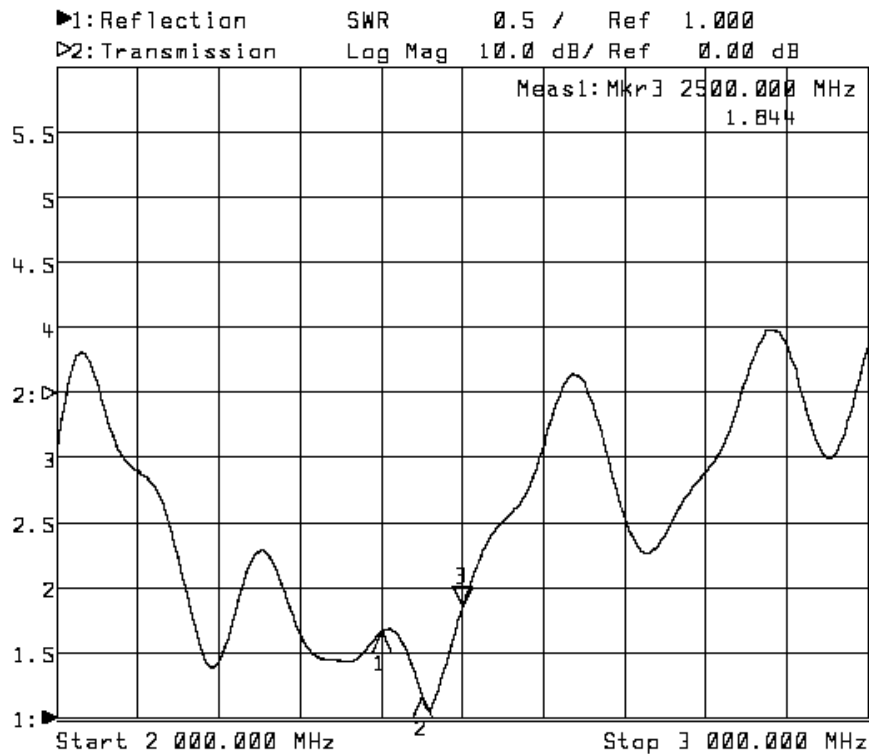
Average Gain For Left Antenna

(dBi)	2400 MHz	2450 MHz	2500 MHz
XY-H	-10.81	-10.96	-10.70
XY--V	-7.46	-7.80	-7.12
Average Gain	-5.81	-6.09	-5.54

PEAK GAIN

(dBi)	2400 MHz	2450 MHz	2500 MHz
XY-H	-5.60	-4.98	-4.60
XY--V	-1.95	-1.89	-1.67

VSWR For Left Antenna



2.4 GHz = 1.662

2.45 GHz = 1.162

2.5 GHz = 1.844

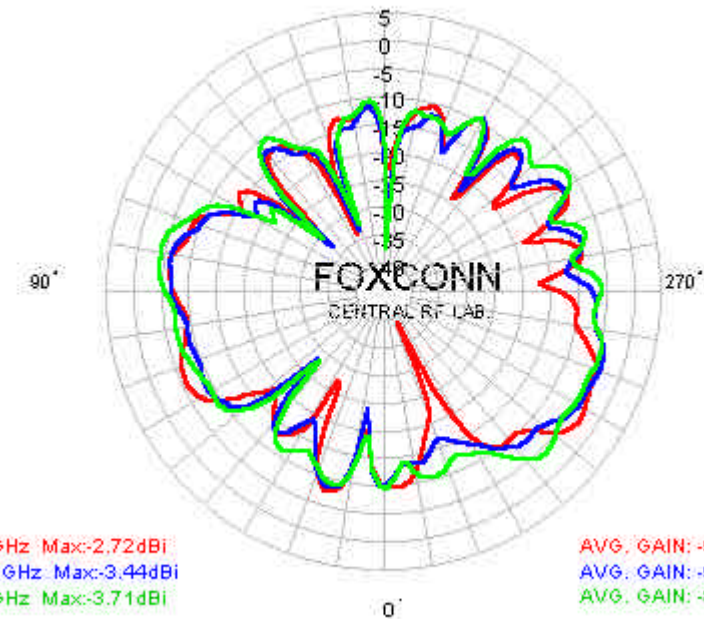
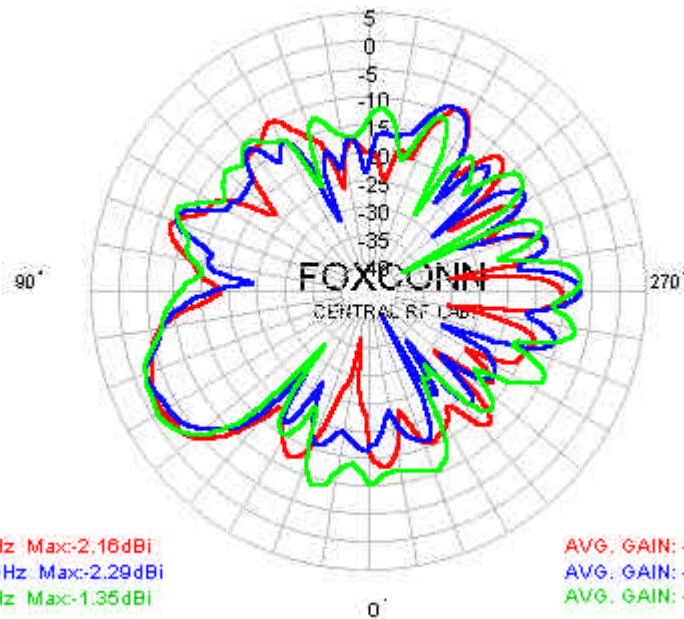
Cable Length = 495mm

1: Mkr (MHz)	2: Mkr (MHz)	dB
1: 2400.0000	1.662	
2: 2450.0000	1.162	
3: 2500.0000	1.844	

XY Plane Radiation Pattern For Right Antenna (2.4 ~ 2.5 GHz)

HORIZONTAL POLARIZATION

VERTICAL POLARIZATION



Average Gain For Right Antenna

(dBi)	2400 MHz	2450 MHz	2500 MHz
XY-H	-11.19	-11.66	-10.02
XY--V	-9.80	-9.86	-8.74
Average Gain	-7.43	-7.66	-6.32

PEAK GAIN

(dBi)	2400 MHz	2450 MHz	2500 MHz
XY-H	-2.16	-2.29	-1.35
XY--V	-2.72	-3.44	-3.71