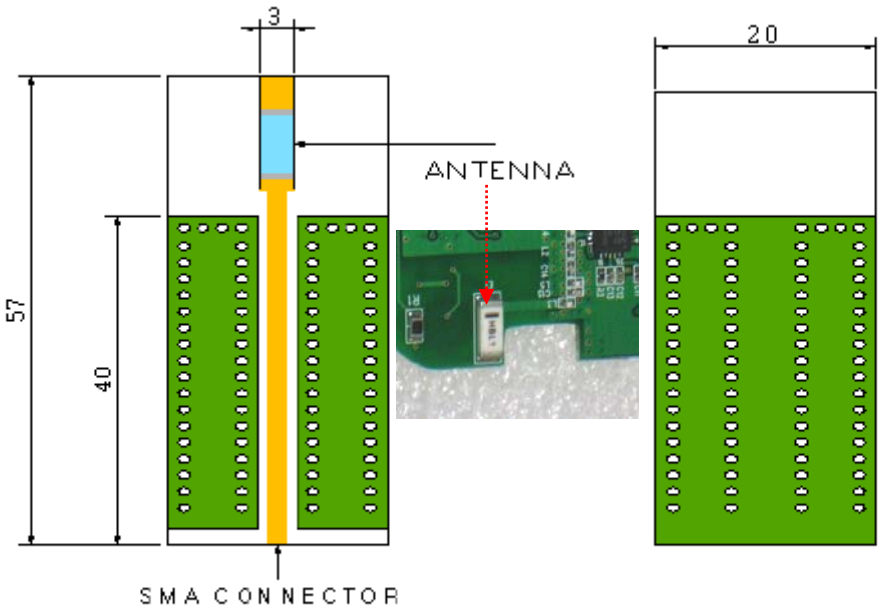
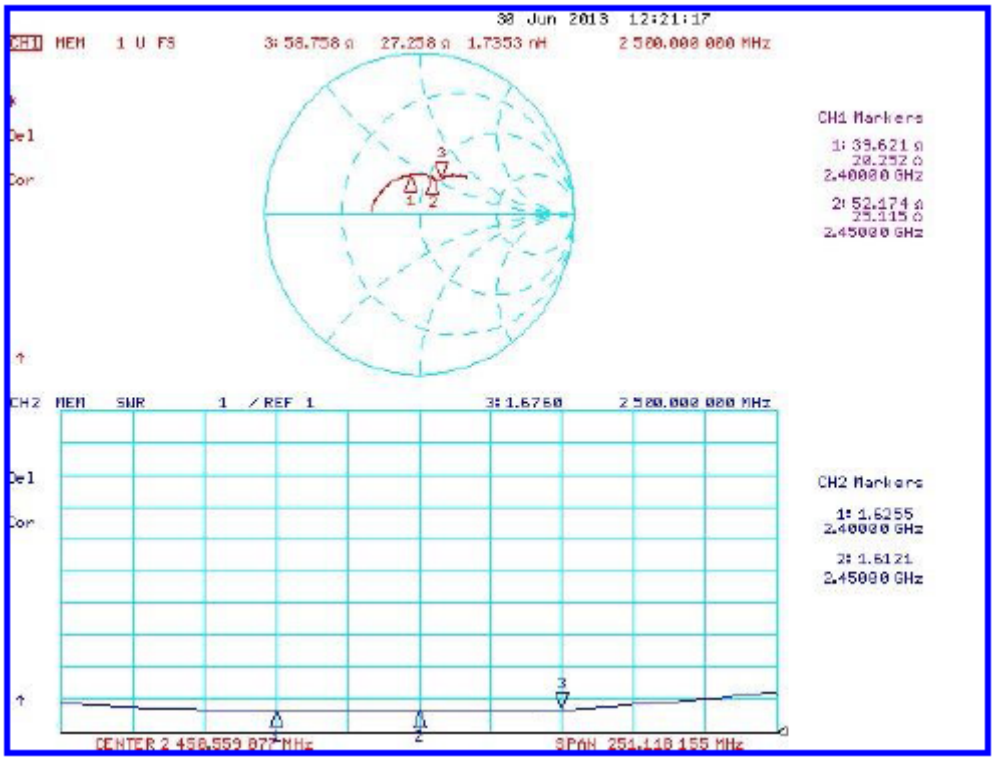
1 Reference Test Board

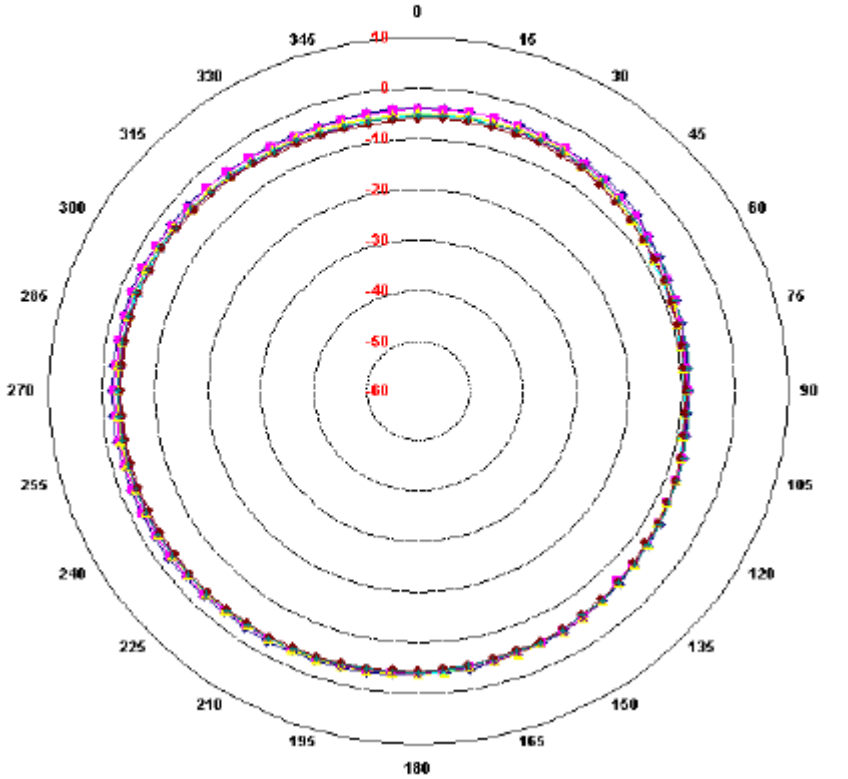


2 Reference Network Data



2-D Radiation Pattern

EUT		Antenna Type		Comment	Antenna Matching Circuit				
EUT Version		Antenna Number			Matching Type				
Test Date	Wed 22/Oct/2008 09:58:35	Rotating Axis	Phi		Z1	Z2	Z3	Z4	Z5
Tester		Polarization	Theta						



2400 MHz
2420 MHz
2440 MHz
2460 MHz
2480 MHz
2500 MHz

	Freq	Gaug	Gpeak		Gmin		Deu
	MHz	dBi	dBi	deg	dBi	deg	dB
1	2400	-4.08	-2.05	270	-9.77	95	6.72
2	2420	-4.36	-2.43	270	-9.06	90	6.62
3	2440	-4.75	-2.89	265	-9.43	85	6.54
4	2460	-4.99	-3.23	270	-9.55	80	6.32
5	2480	-5.04	-3.27	260	-9.31	85	6.05
6	2480	-5.36	-3.54	240	-9.39	85	5.84
7	2500	-4.88	-3.07	265	-8.56	90	5.49

Average Gain -4.76 dBi

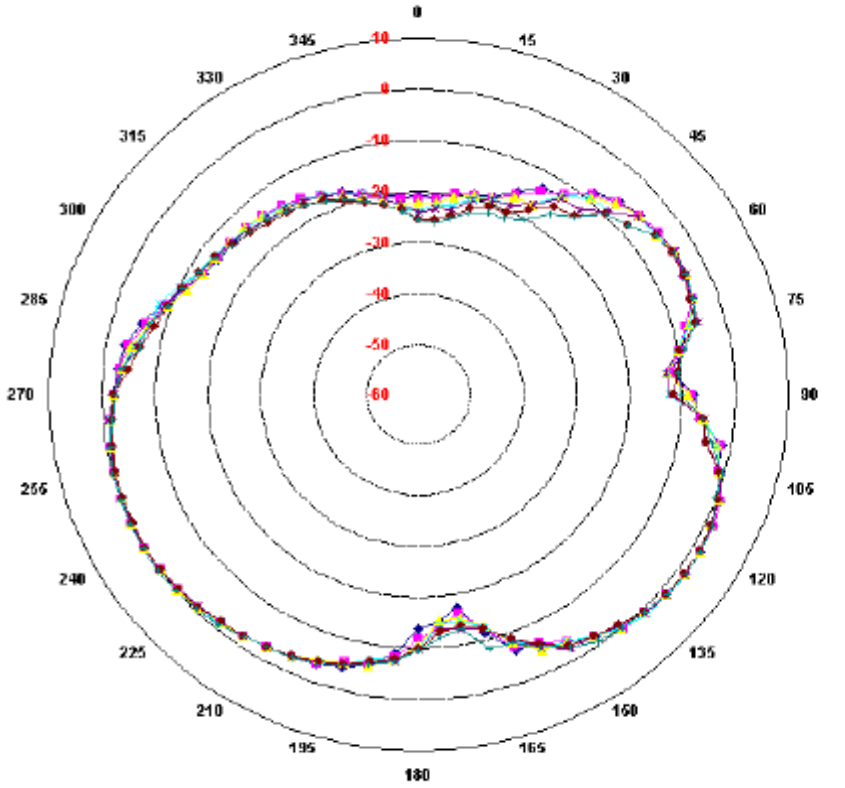
Azimuth (H-plane)

1 Azimuth (H-plane) Radiation Data

2 Elevation (E1-plane) Radiation Data

2-D Radiation Pattern

EUT		Antenna Type		Comment	Antenna Matching Circuit				
EUT Version		Antenna Number			Matching Type				
Test Date	Wed 22/Oct/2008 10:04:33	Rotating Axis	Phi		Z1	Z2	Z3	Z4	Z5
Tester		Polarization	Phi						



2400 MHz
2420 MHz
2440 MHz
2450 MHz
2460 MHz
2480 MHz
2500 MHz

	Freq	Gavg	Gpeak		Gmin		Dev
	MHz	dBi	dBi	deg	dBi	deg	dB
1	2400	-3.97	1.77	120	-20.97	0	22.74
2	2420	-4.00	1.68	125	-21.58	0	23.26
3	2440	-4.10	1.54	120	-22.39	0	23.93
4	2450	-4.06	1.60	120	-23.95	0	25.55
5	2460	-4.10	1.58	120	-24.42	0	26.00
6	2480	-4.37	1.27	120	-25.61	5	26.88
7	2500	-3.98	1.71	120	-26.34	5	28.05

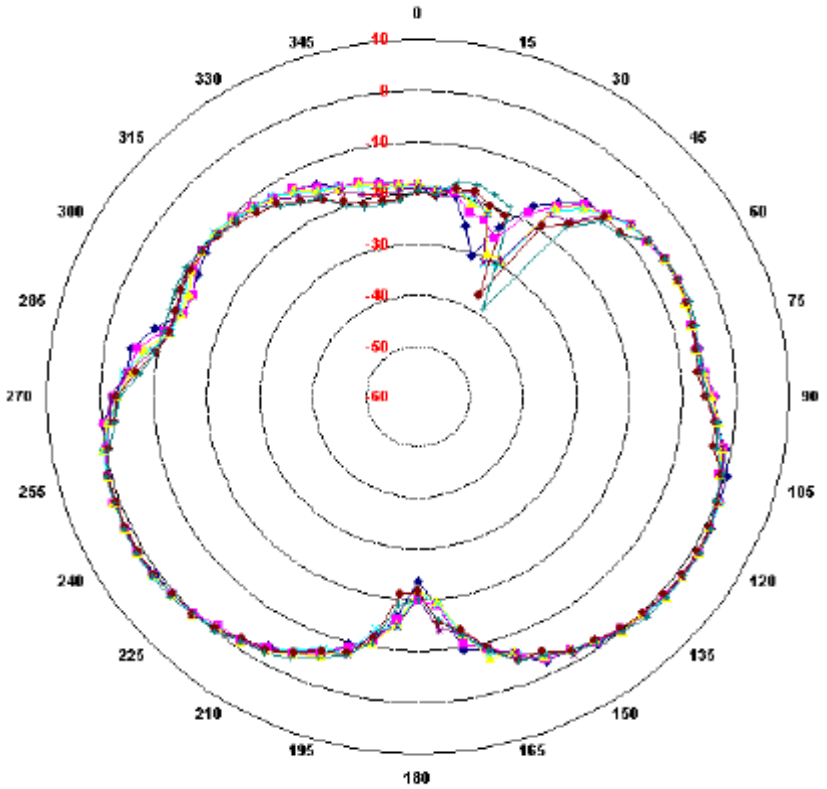
Average Gain -4.08 dBi

Elevation (E1-plane)

3. Elevation (E1-plane) Radiation Data.

2-D Radiation Pattern

EUT		Antenna Type		Comment	Antenna Matching Circuit				
EUT Version		Antenna Number			Matching Type				
Test Date	Wed 22/Oct/2008 10:11:12	Rotating Axis	Phi		Z1	Z2	Z3	Z4	Z5
Tester		Polarization	Phi						



	Freq	Gavg	Gpeak		Gmin		Dev
	MHz	*dBi*	*dBi*	deg	*dBi*	deg	*dB*
1	2400	-3.75	1.13	120	-30.66	20	31.80
2	2420	-3.85	1.15	120	-25.88	25	27.03
3	2440	-3.90	1.12	245	-29.16	30	30.28
4	2450	-3.90	1.17	245	-31.16	25	32.33
5	2460	-3.92	1.12	120	-30.59	25	31.70
6	2480	-4.22	0.86	240	-37.19	30	38.04
7	2500	-3.83	1.29	240	-38.85	35	40.15

Average Gain -3.91 dBi

Elevation (E2-plane)