A decorative graphic on the left side of the title, consisting of a black crosshair intersecting three overlapping squares: a blue square at the top, a red square on the left, and a yellow square at the bottom.

Ji-Haw Industrial Co., Ltd.

Testing Report of Antenna



3.EFFICIENCY(%)

Antenna 1_Black Cable : Aux antenna, Internal PIFA Antenna with Black cable,
P/N: IBFNP29IP01-347

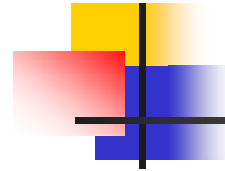
Frequency (MHz)	2400	2450	2500
Tot. Rad. Pwr. (dBm)	-4.91	-4.93	-4.26
Peak EIRP (dBm)	2.54	1.66	3.15
Directivity (dBi)	7.45	6.59	7.41
Efficiency (dB)	-4.91	-4.93	-4.26
Efficiency (%)	32.29	32.14	37.46



3.EFFICIENCY(%)

Antenna 2_White Cable : Main antenna, External Dipole antenna with White cable,
P/N: IDFNP29IP01-347

Frequency (MHz)	2400	2450	2500
Tot. Rad. Pwr. (dBm)	-2.19	-2.51	-1.68
Peak EIRP (dBm)	3.15	4.09	3.41
Directivity (dBi)	5.34	6.6	5.09
Efficiency (dB)	-2.19	-2.51	-1.68
Efficiency (%)	60.44	56.06	67.89



Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2400GHz

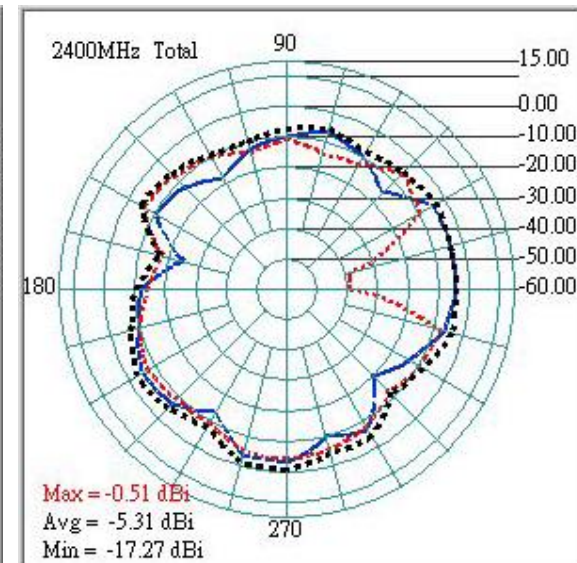
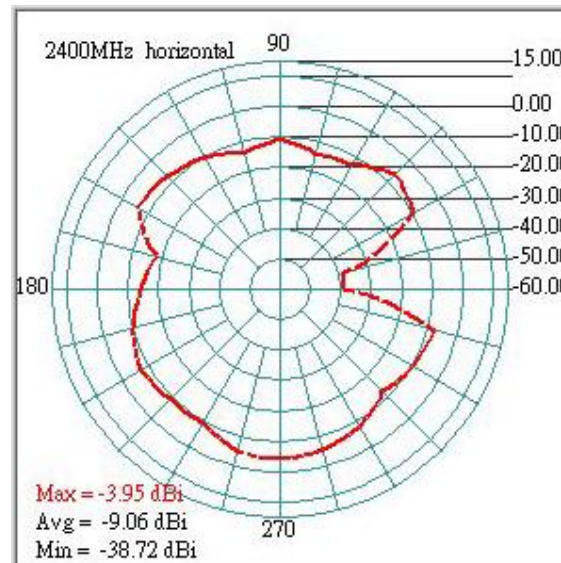
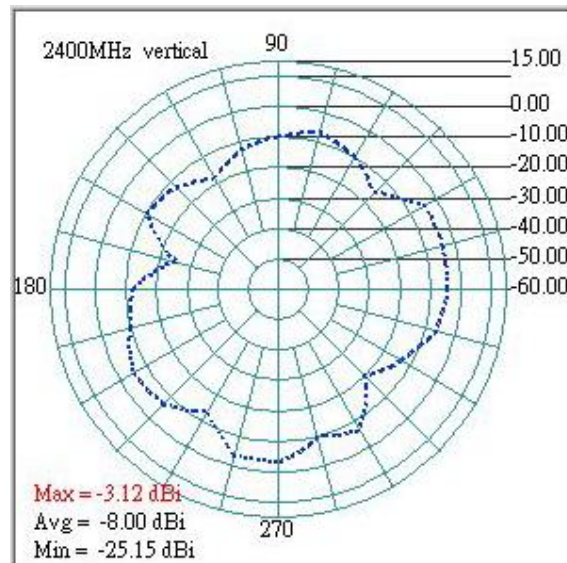
H_PLANE

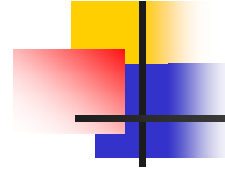
	Vertical	Horizontal	Total
MAX	-3.12	-3.95	-0.51
AVG	-8.00	-9.06	-5.31

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2450GHz

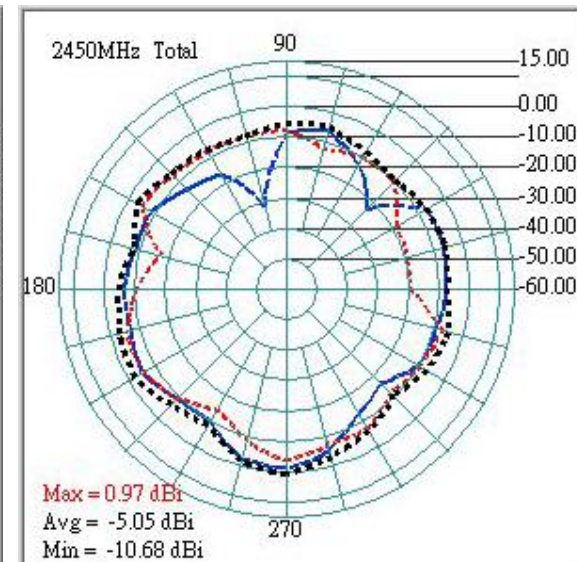
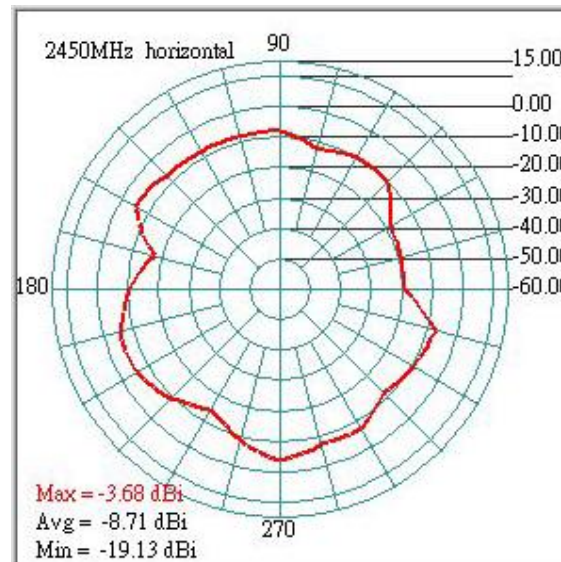
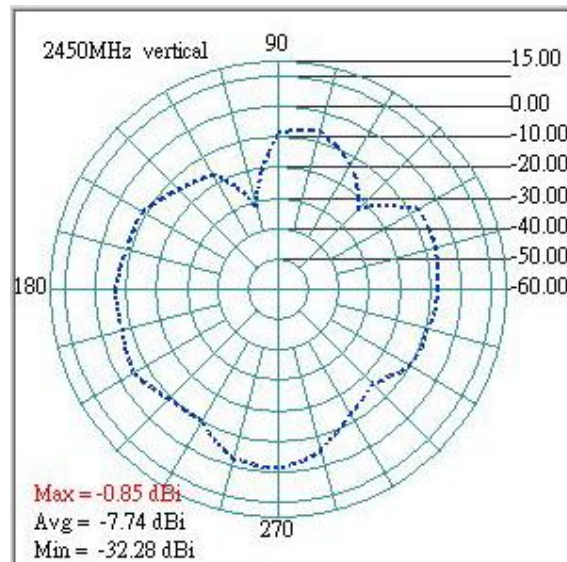
H_PLANE

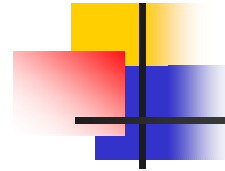
	Vertical	Horizontal	Total
MAX	-0.85	-3.68	0.97
AVG	-7.74	-8.71	-5.05

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2500GHz

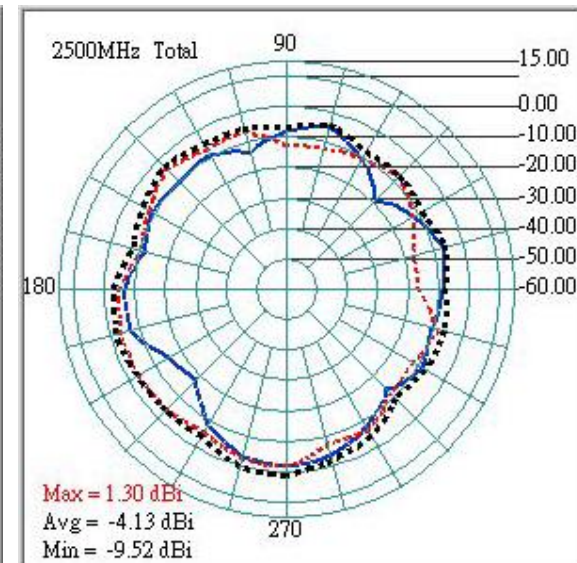
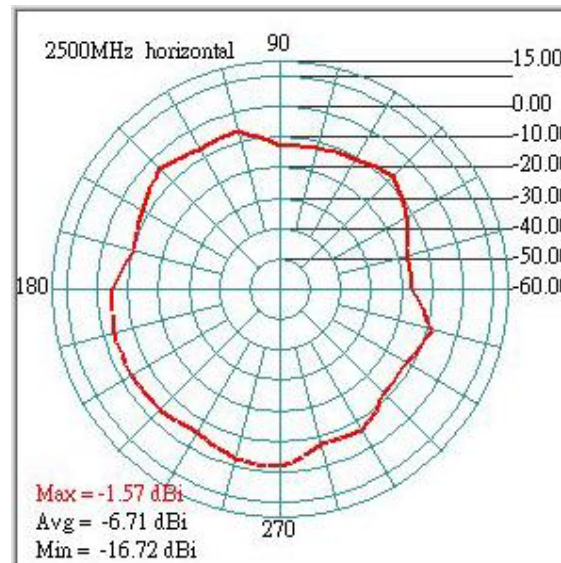
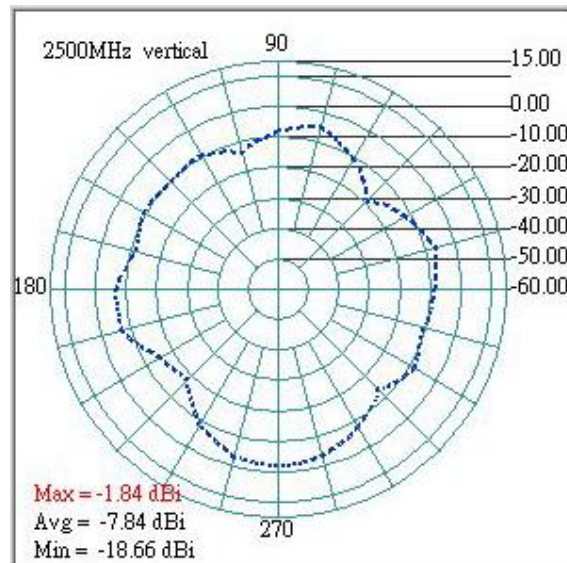
H_PLANE

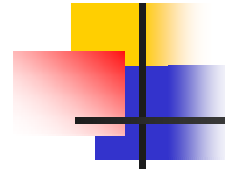
	Vertical	Horizontal	Total
MAX	-1.84	-1.57	1.30
AVG	-7.84	-6.71	-4.13

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2400GHz

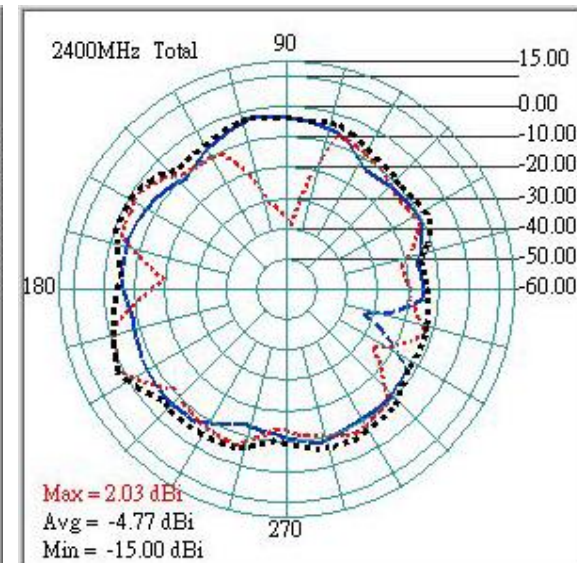
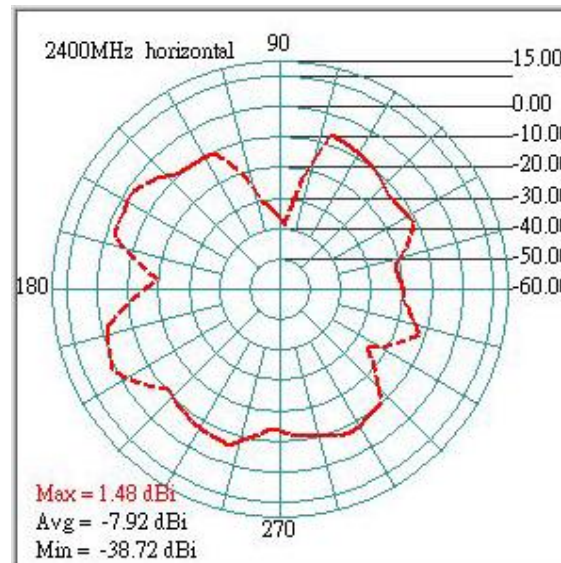
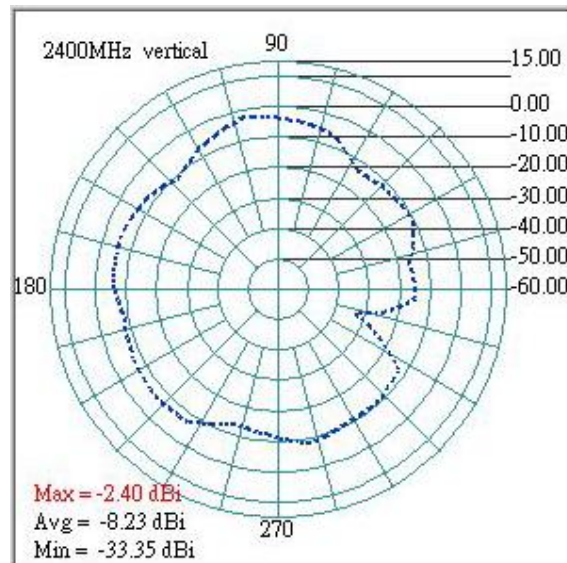
E_PLANE

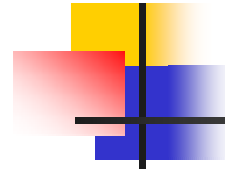
	Vertical	Horizontal	Total
MAX	-2.40	1.48	2.03
AVG	-8.23	-7.92	-4.77

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2450GHz

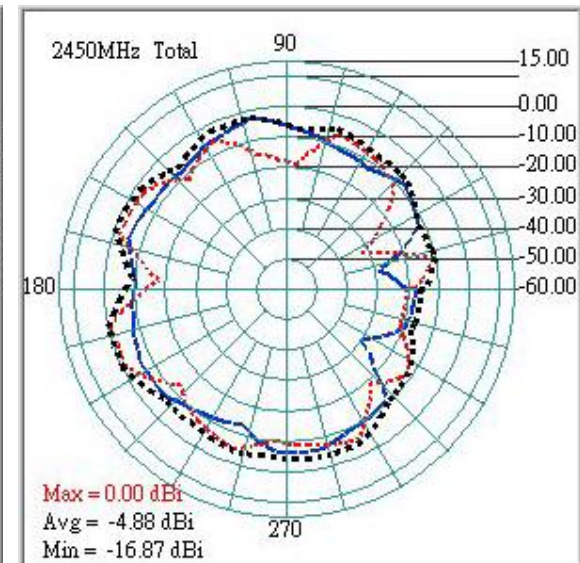
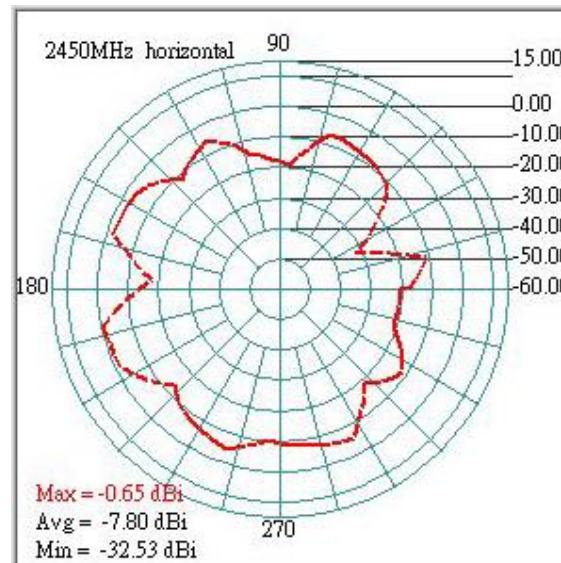
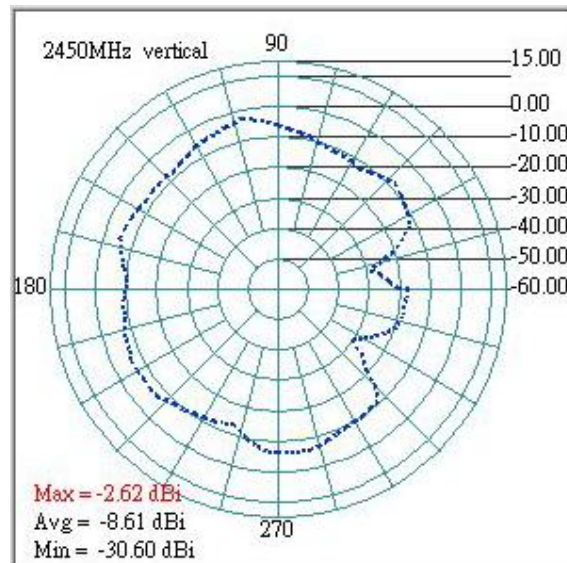
E_PLANE

	Vertical	Horizontal	Total
MAX	-2.62	-0.65	0.00
AVG	-8.61	-7.80	-4.88

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2500GHz

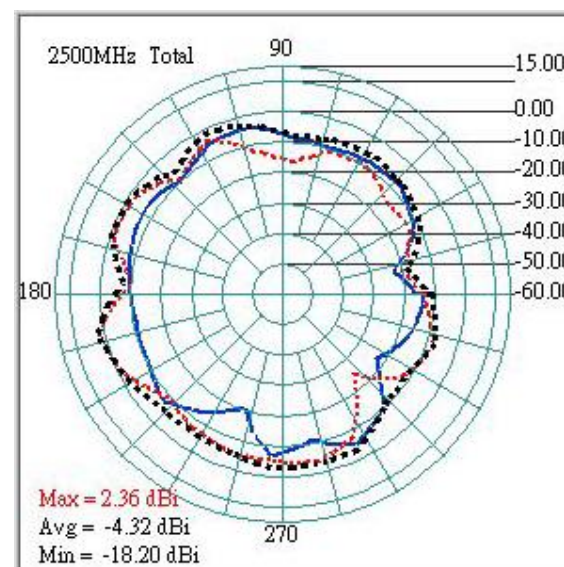
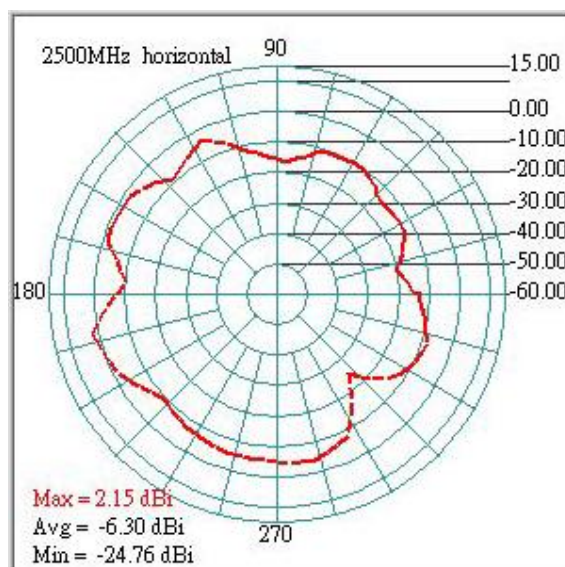
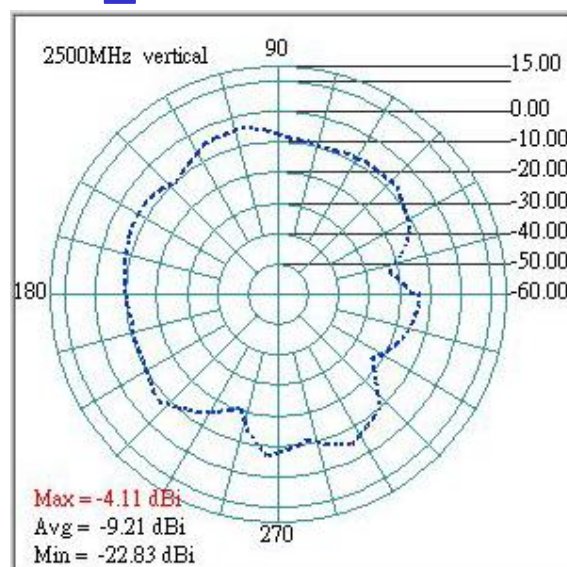
E_PLANE

	Vertical	Horizontal	Total
MAX	-4.11	2.15	2.36
AVG	-9.21	-6.30	-4.32

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2400GHz

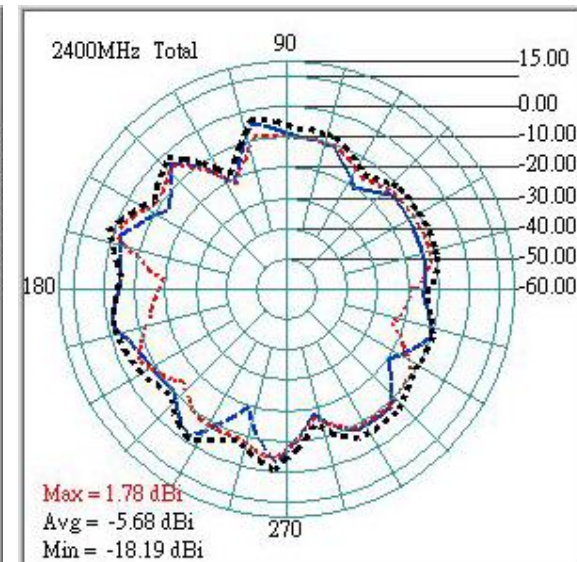
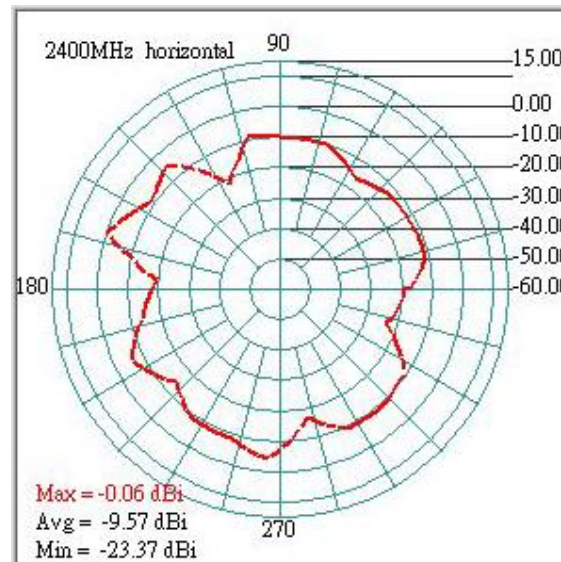
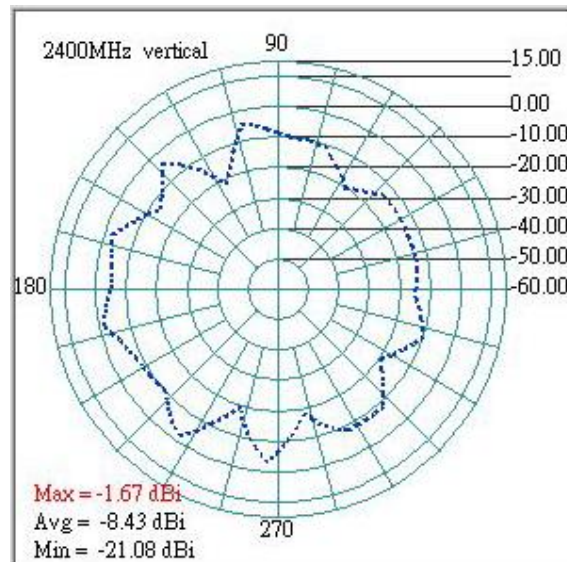
E1_PLANE

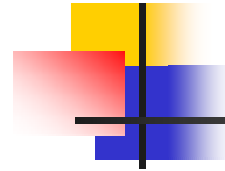
	Vertical	Horizontal	Total
MAX	-1.67	-0.06	1.78
AVG	-8.43	-9.57	-5.68

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2450GHz

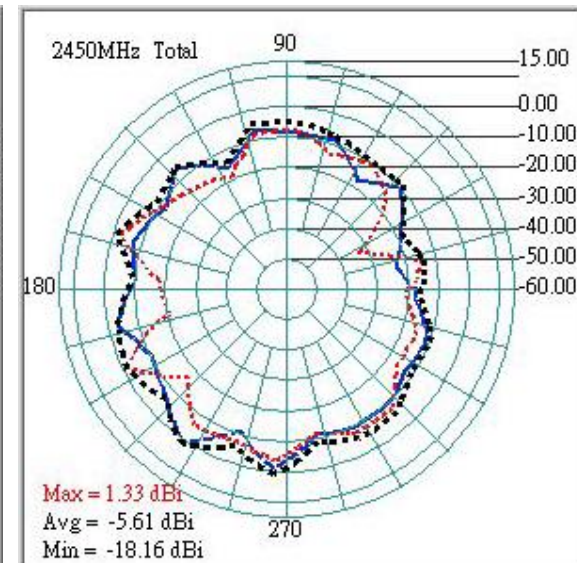
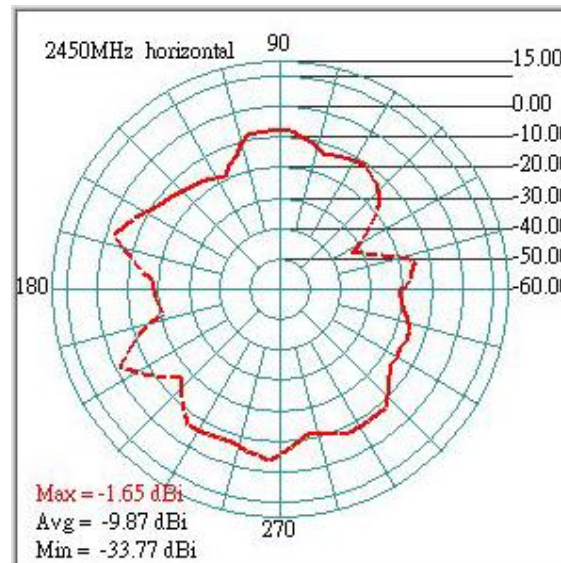
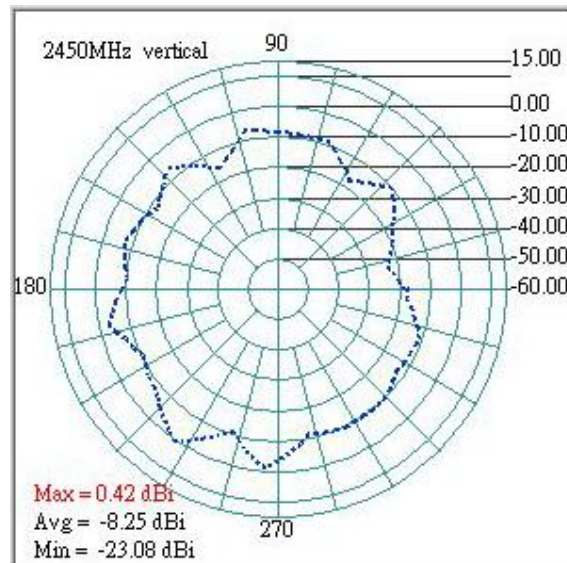
E1_PLANE

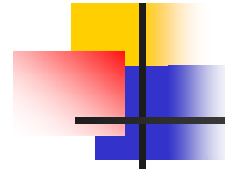
	Vertical	Horizontal	Total
MAX	0.42	-1.65	1.33
AVG	-8.25	-9.87	-5.61

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 1

2500GHz

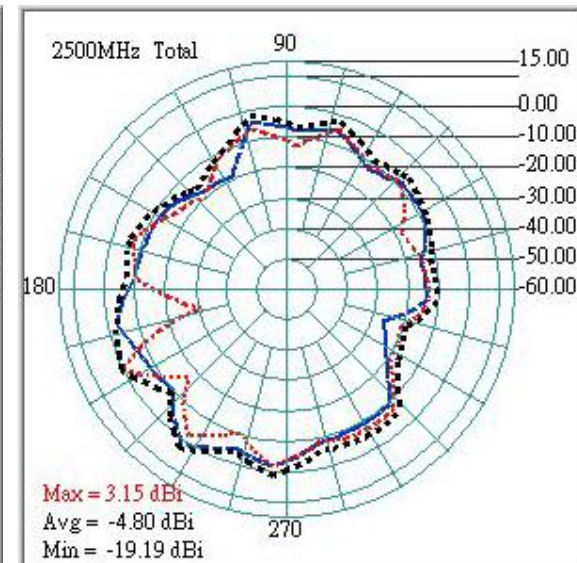
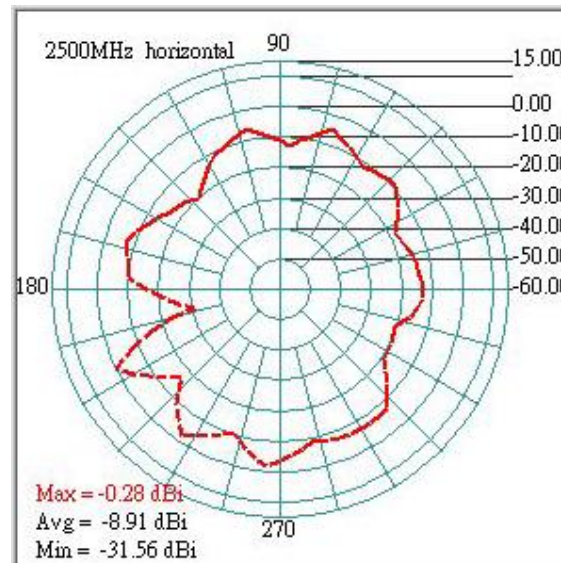
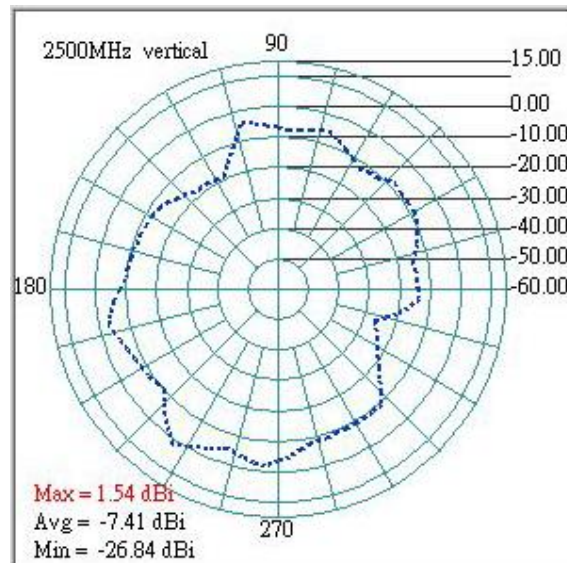
E1_PLANE

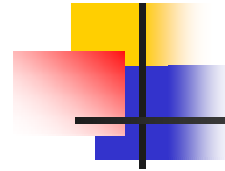
	Vertical	Horizontal	Total
MAX	1.54	-0.28	3.15
AVG	-7.41	-8.91	-4.80

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2400GHz

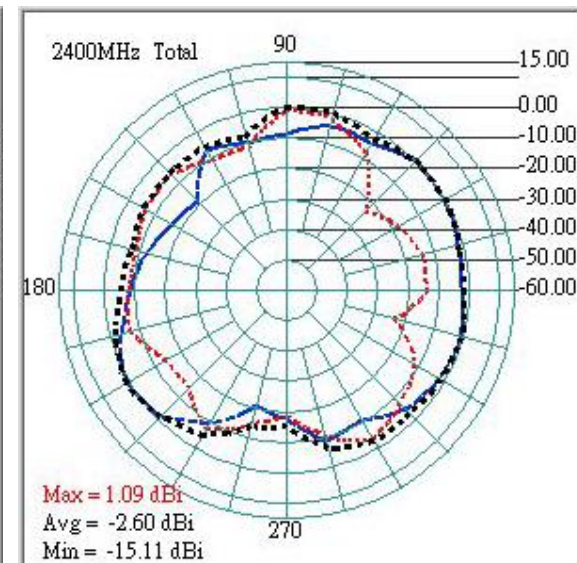
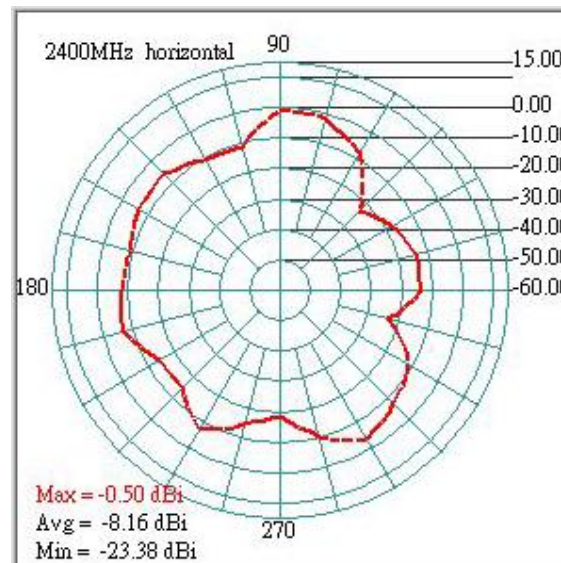
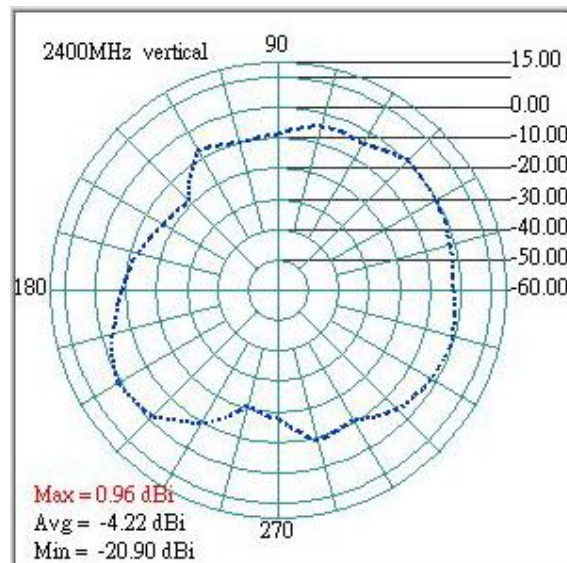
H_PLANE

	Vertical	Horizontal	Total
MAX	0.96	-0.50	1.09
AVG	-4.22	-8.16	-2.60

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2450GHz

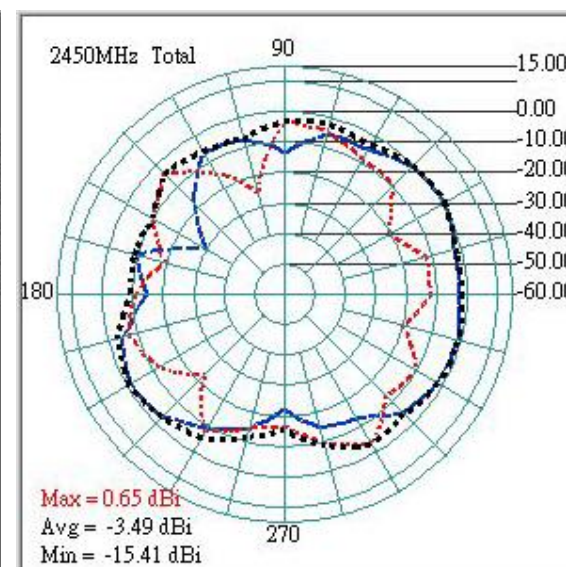
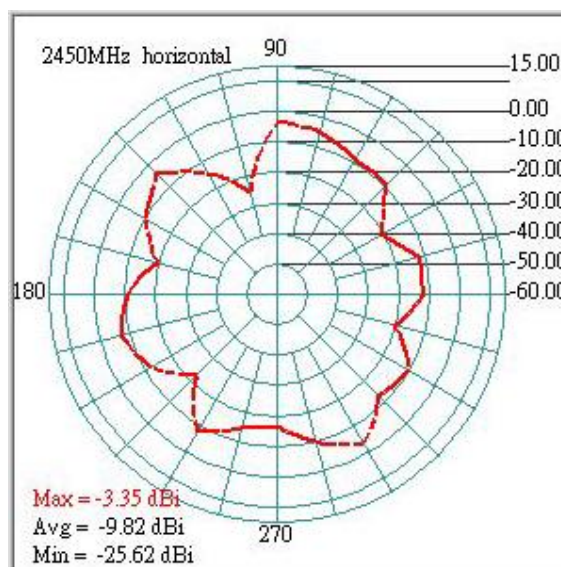
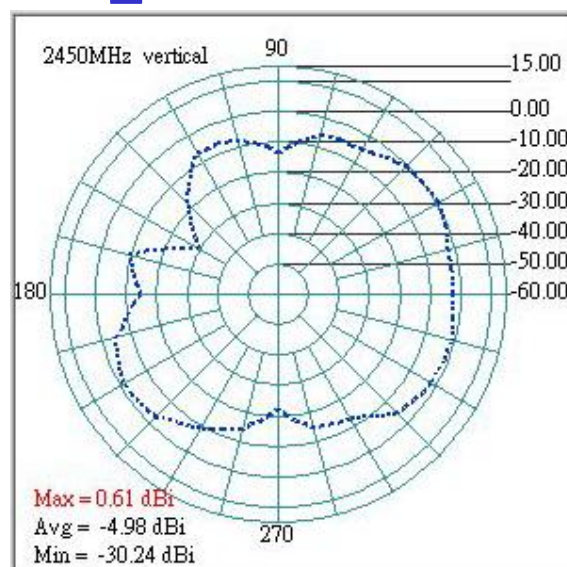
H_PLANE

	Vertical	Horizontal	Total
MAX	0.61	-3.35	0.65
AVG	-4.98	-9.82	-3.49

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2500GHz

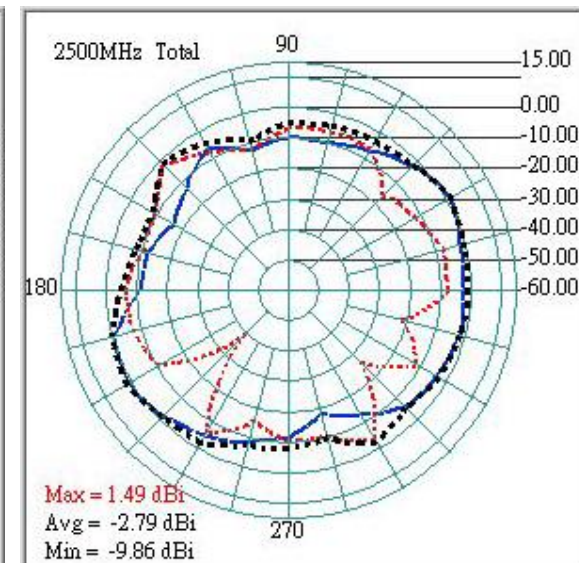
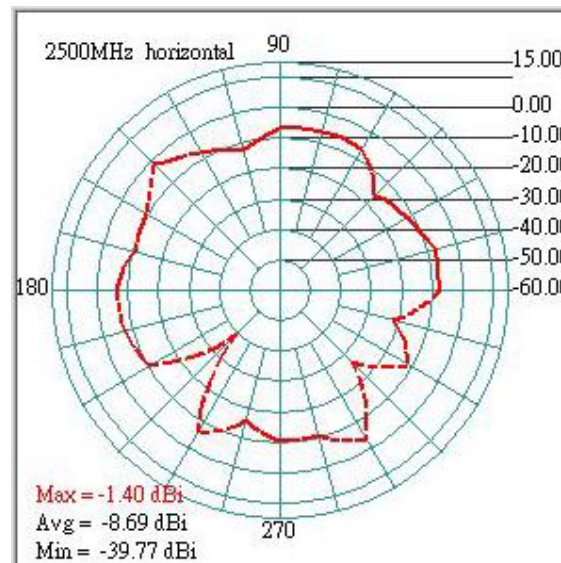
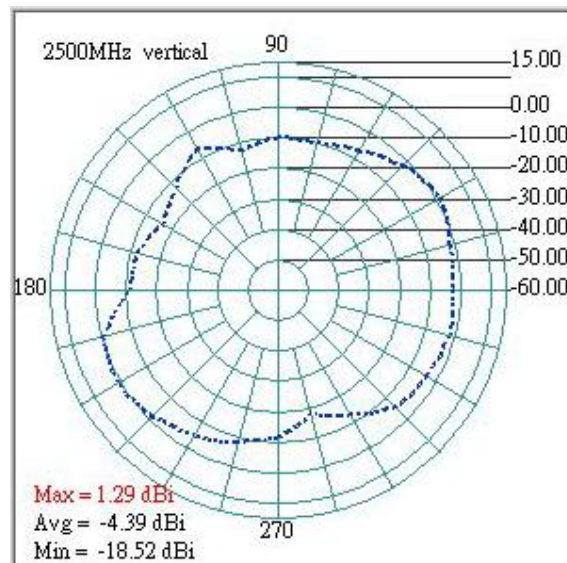
H_PLANE

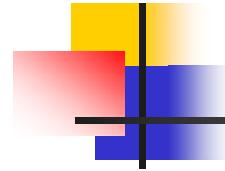
	Vertical	Horizontal	Total
MAX	1.29	-1.40	1.49
AVG	-4.39	-8.69	-2.79

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2400GHz

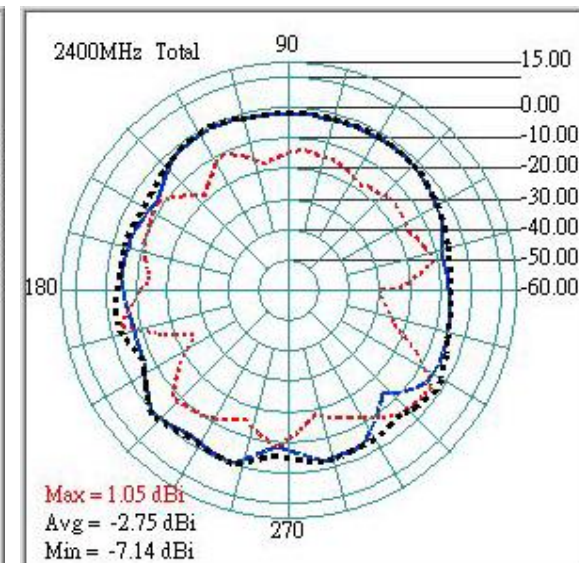
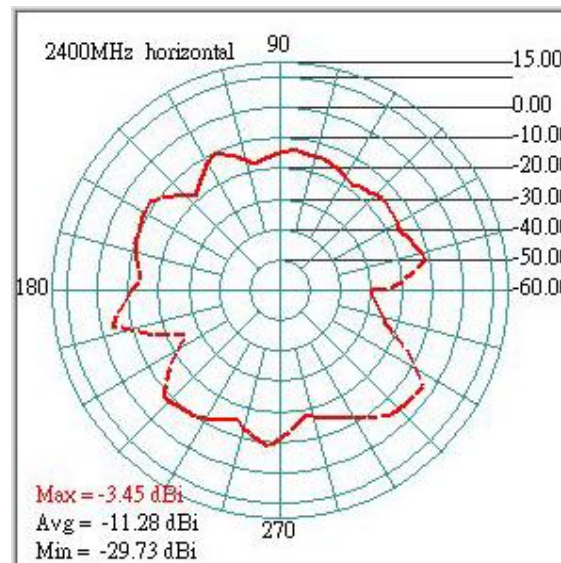
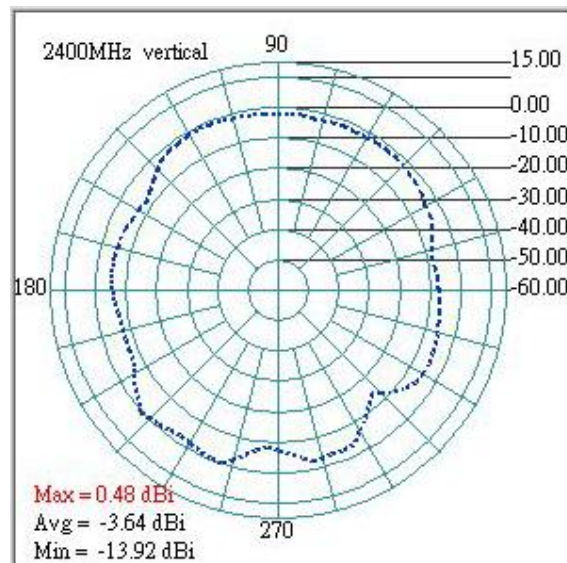
E_PLANE

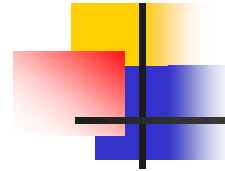
	Vertical	Horizontal	Total
MAX	0.48	-3.45	1.05
AVG	-3.64	-11.28	-2.75

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2450GHz

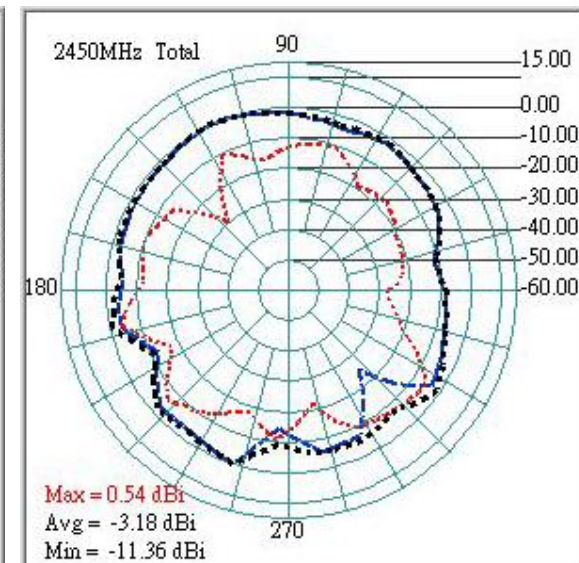
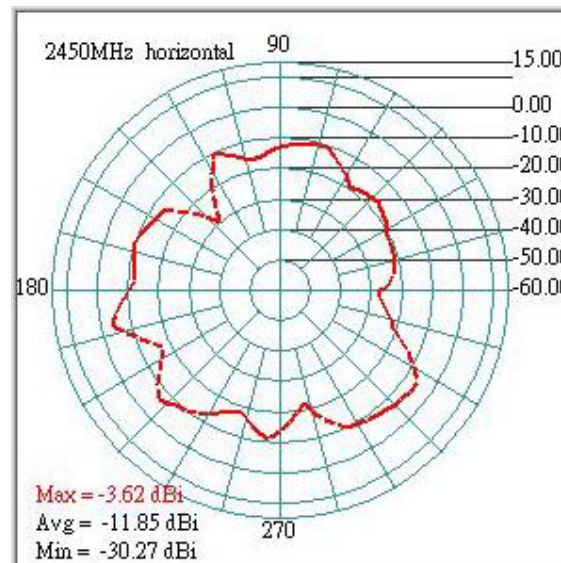
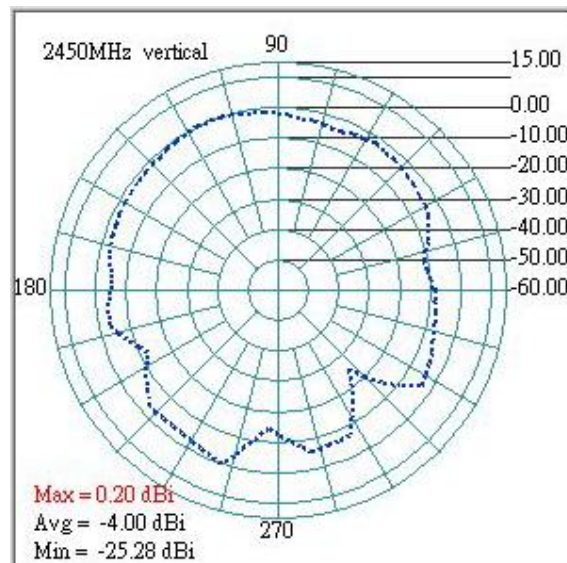
E_PLANE

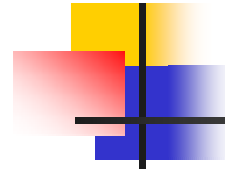
	Vertical	Horizontal	Total
MAX	0.20	-3.62	0.54
AVG	-4.00	-11.85	-3.18

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2500GHz

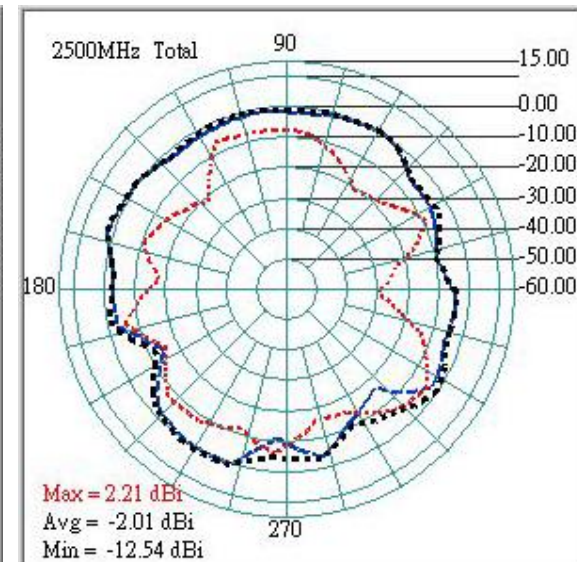
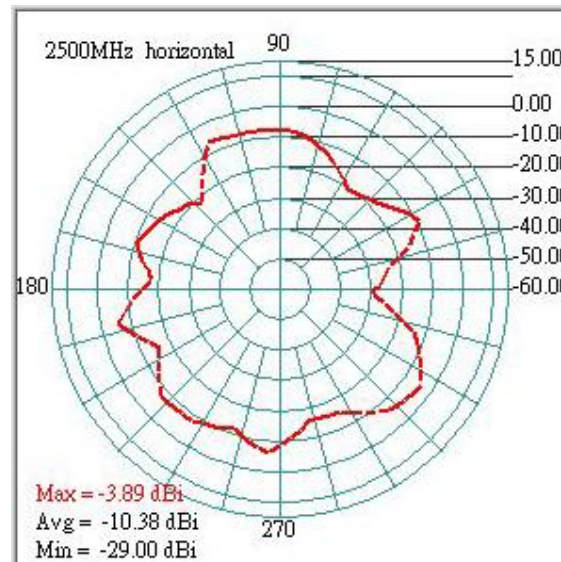
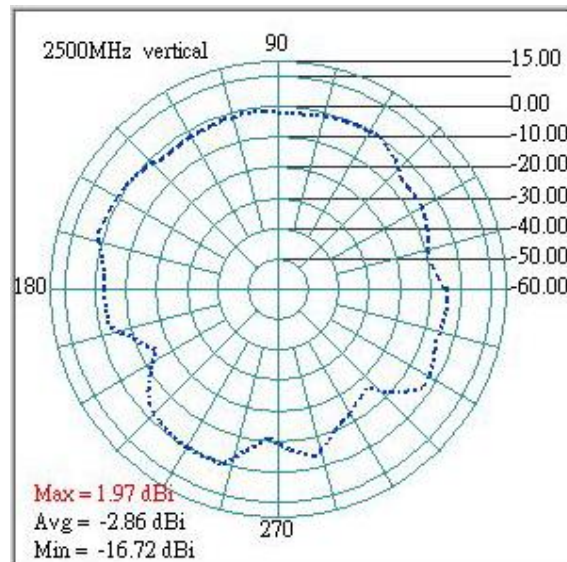
E_PLANE

	Vertical	Horizontal	Total
MAX	1.97	-3.89	2.21
AVG	-2.86	-10.38	-2.01

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2400GHz

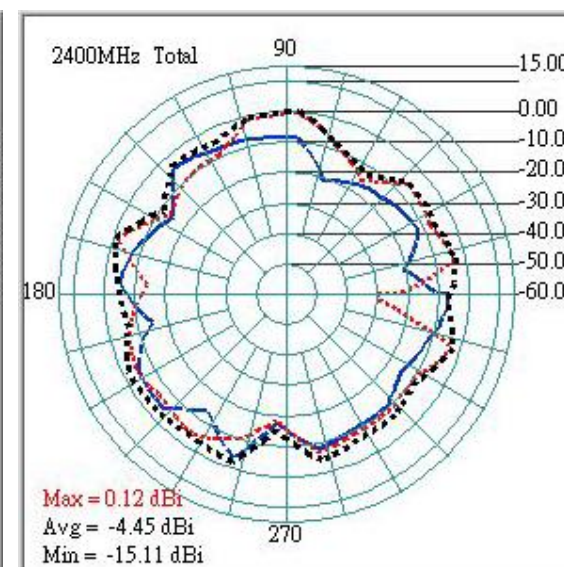
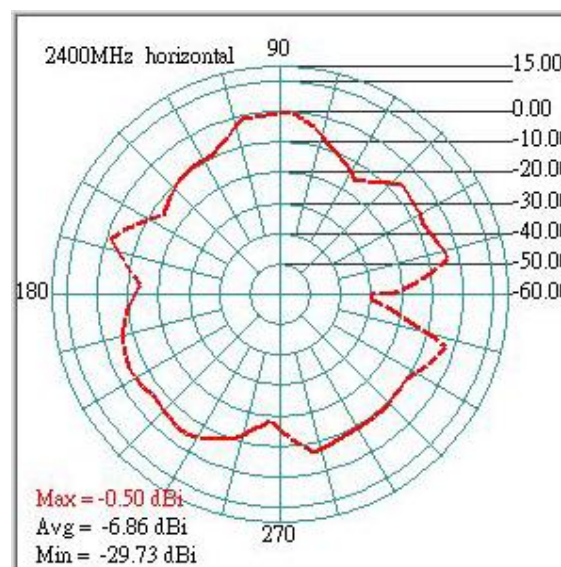
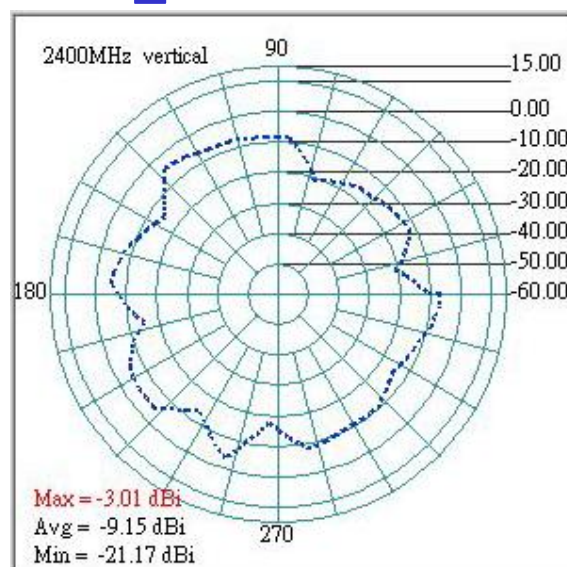
E1_PLANE

	Vertical	Horizontal	Total
MAX	-3.01	-0.50	0.12
AVG	-9.15	-6.86	-4.45

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2450GHz

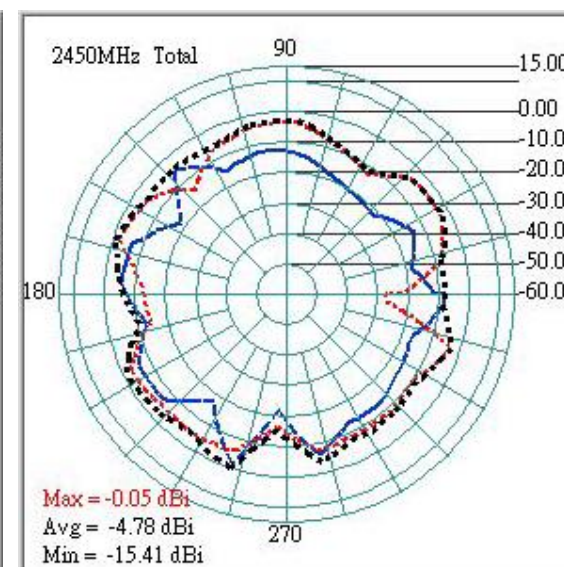
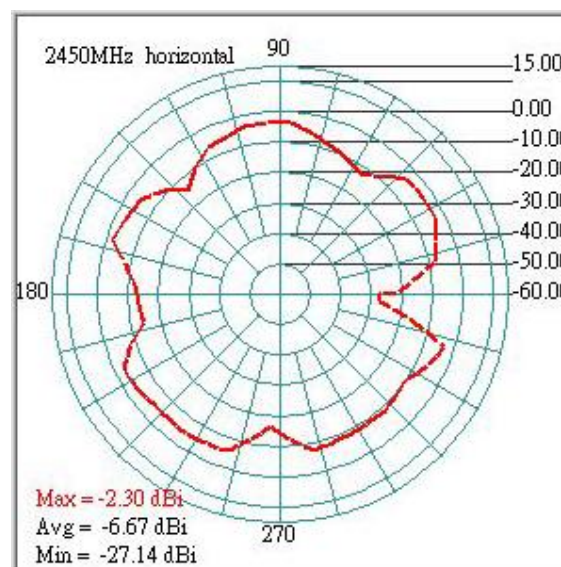
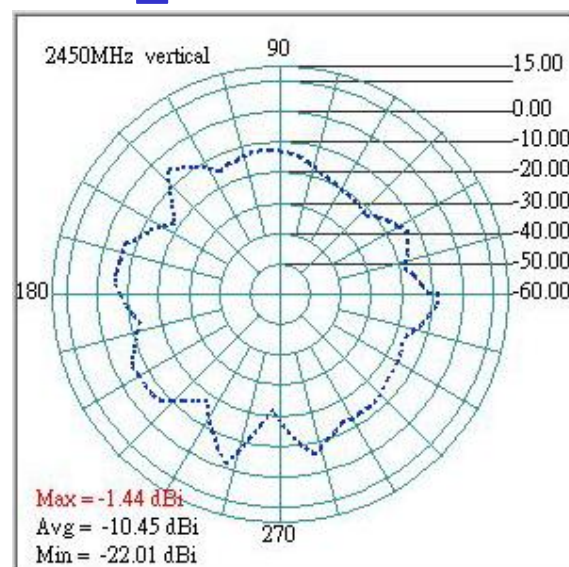
E1_PLANE

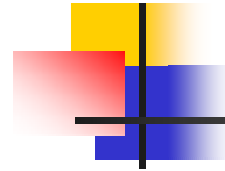
	Vertical	Horizontal	Total
MAX	-1.44	-2.30	-0.05
AVG	-10.45	-6.67	-4.78

Blue : Vertical

Red : Horizontal

Black : Total





Combined V+H Polarized Radiation 2D Patterns

Antenna 2

2500GHz

E1_PLANE

	Vertical	Horizontal	Total
MAX	-2.66	0.96	1.97
AVG	-8.86	-6.90	-4.25

Blue : Vertical

Red : Horizontal

Black : Total

