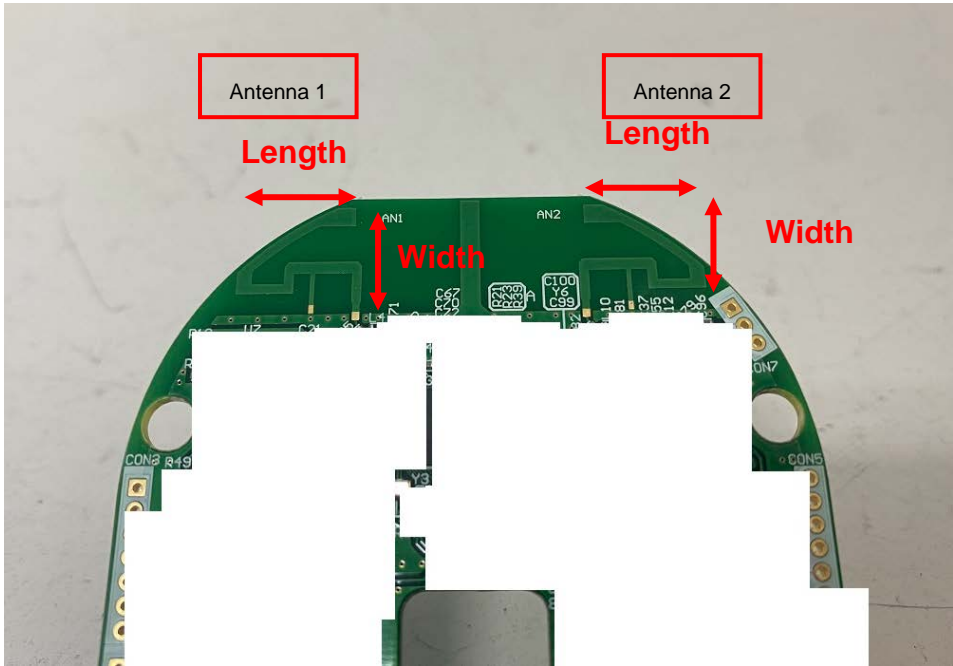


Antenna Information

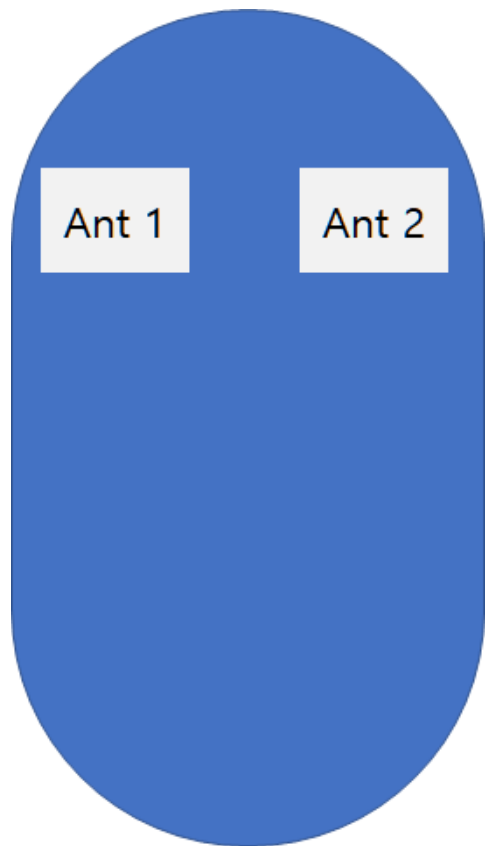
Item	Contents	
Antenna Type	2 Port Inverted F Antenna	
Antenna peak gain	Antenna 1	2 400 MHz ~ 2 483.5 MHz: 3.28 dBi
	Antenna 2	2 400 MHz ~ 2 480.5 MHz: 3.37 dBi
Manufacturer / Model name	K-Maru / -	
Address of manufacturer	404, 253 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, 16521	
Test Laboratory	K-Maru	
Antenna 1 Length	1.2 cm	
Antenna 1 Width	1.2 cm	
Antenna 2 Length	1.2 cm	
Antenna 2 Width	1.2 cm	



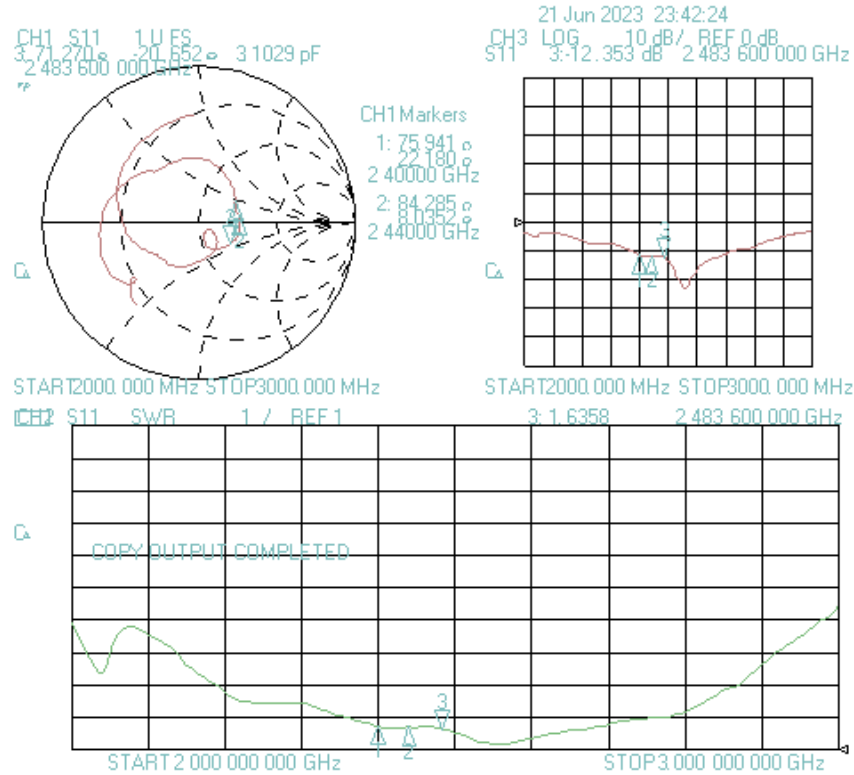
Model name: YRD510-MT1

YRD510 MAIN PV03

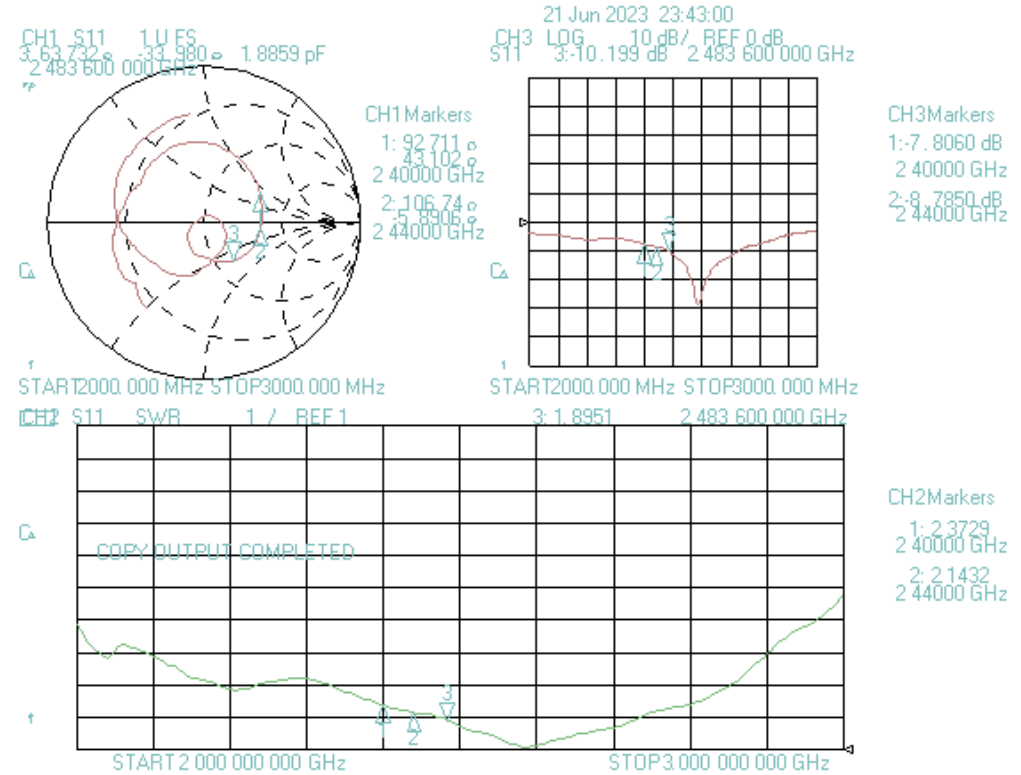
안테나 구성도



전기적인 특성



Antenna1

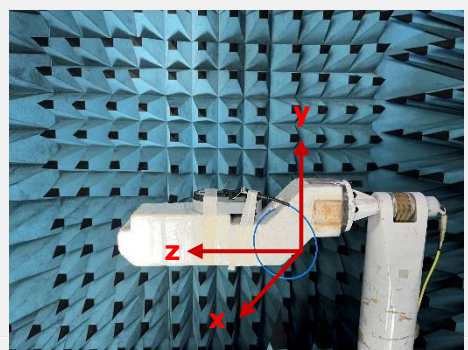


Antenna2

Antenna1 방사 특성

Summary Multiple Frequency Multiple Cut 3D-View Reserved

No.	Freq.	PwrSurr	Eff.[%]	Avg[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]	H(Theta=)	Phi[deg]	Peak[dBi]	Phi[deg]	BW[deg]	E1(Phi=0)	Phi[deg]	Peak[dBi]	Theta[deg]	BW[deg]	E2(Phi=90)	Phi[deg]	Peak[dBi]	Theta[deg]	BW[deg]	
1	2400.000		51.78	-2.86	2.72	50.00	15.00			-2.45	0.72	315.00	72.90		-3.62	2.30	45.00	32.68		-2.85	0.05	85.00	74.19
2	2420.000		57.23	-2.42	3.27	55.00	30.00			-2.01	0.58	315.00	81.36		-3.27	2.62	45.00	29.49		-2.66	0.90	85.00	65.12
3	2440.000		58.85	-2.30	3.08	60.00	45.00			-1.74	0.73	90.00	88.10		-3.27	2.63	45.00	26.59		-2.73	1.25	85.00	58.68
4	2460.000		59.15	-2.28	2.79	55.00	30.00			-1.69	0.47	90.00	88.66		-3.30	2.34	45.00	24.71		-2.89	1.48	85.00	56.47
5	2480.000		60.43	-2.19	2.45	70.00	60.00			-1.57	0.66	90.00	88.61		-3.24	1.94	45.00	23.35		-2.95	1.41	85.00	27.66
6	2483.500		60.57	-2.18	2.47	65.00	45.00			-1.58	0.78	90.00	87.63		-3.14	1.96	45.00	22.92		-2.95	1.38	85.00	32.30



Plot Data

Polarization : Power-Sum

Frequency : 2400.000 [MHz]

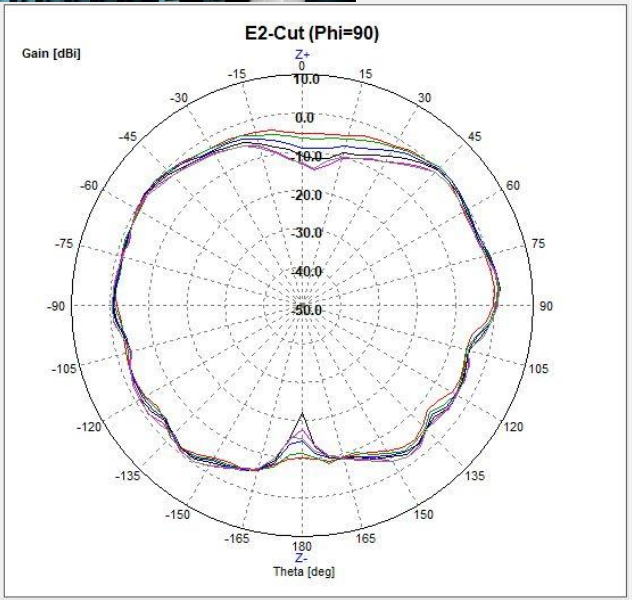
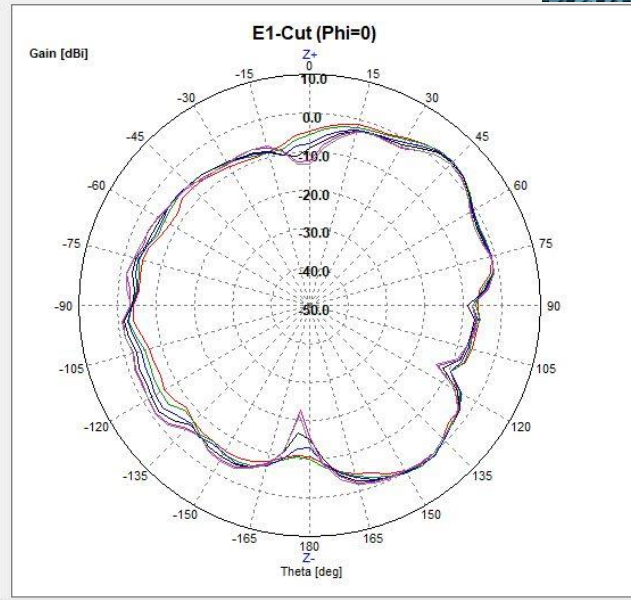
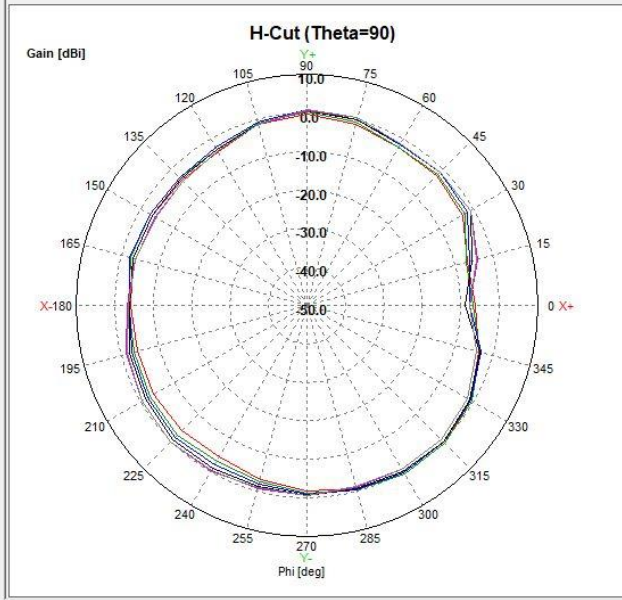
2420.000

2440.000

2460.000

2480.000

2483.500



Graph Option

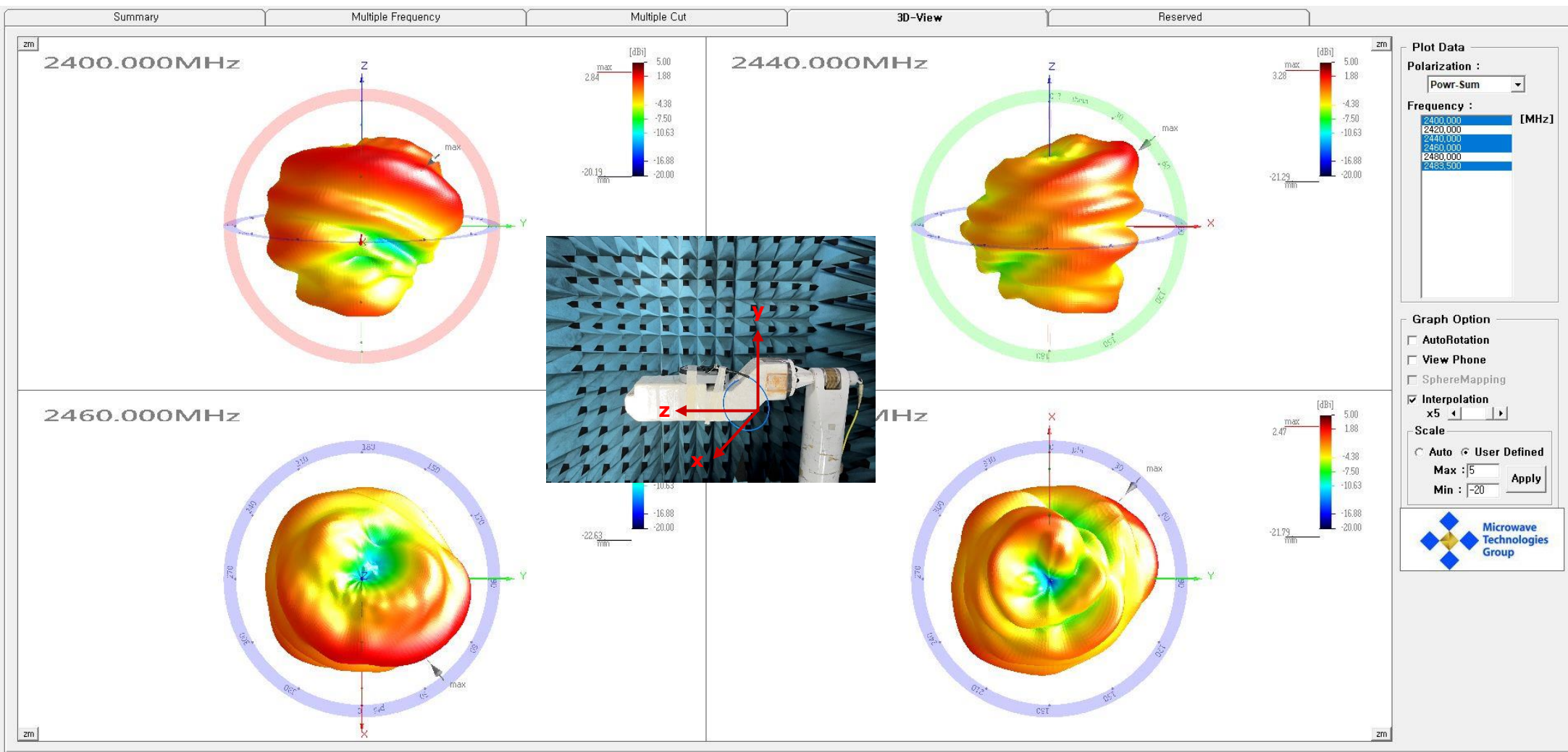
Style : Polar Rectangular

Zoom :

H-Cut E1-Cut E2-Cut

Scale : Max : Min :

Antenna1 3D 방사 특성



Antenna2 방사 특성

Summary

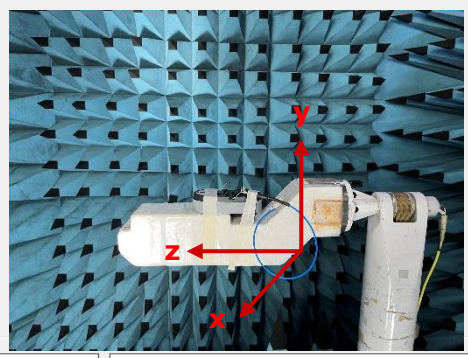
Multiple Frequency

Multiple Cut

3D-View

Reserved

No.	Freq.	PwrSurr	Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]	H(Theta=)	Avg.[dBi]	Peak[dBi]	Phi[deg]	BW[deg]	E1(Phi=0)	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]	E2(Phi=90)	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]
1	2400.000	42.57	-3.71	2.14	215.00	75.00		-4.54	-1.18	165.00	116.16		-4.25	1.54	-150.00	14.87		-3.10	1.74	-145.00	47.32	
2	2420.000	47.84	-3.20	2.22	235.00	75.00		-4.46	-1.36	165.00	181.05		-3.75	2.08	-150.00	14.17		-2.60	2.00	-145.00	45.59	
3	2440.000	48.08	-3.18	2.41	235.00	75.00		-4.44	-1.41	165.00	181.64		-3.80	1.42	-150.00	14.87		-2.55	1.69	-125.00	46.72	
4	2460.000	49.96	-3.01	2.67	235.00	75.00		-4.09	-1.30	240.00	82.85		-3.72	1.08	-150.00	15.16		-2.18	2.14	-125.00	46.26	
5	2480.000	55.44	-2.56	3.15	235.00	75.00		-3.38	-1.01	240.00	85.41		-3.52	1.02	-150.00	15.39		-1.55	2.78	-125.00	46.02	
6	2483.500	55.55	-2.55	3.25	235.00	75.00		-3.39	-0.86	240.00	82.12		-3.51	0.69	-150.00	15.85		-1.50	2.89	-125.00	46.11	

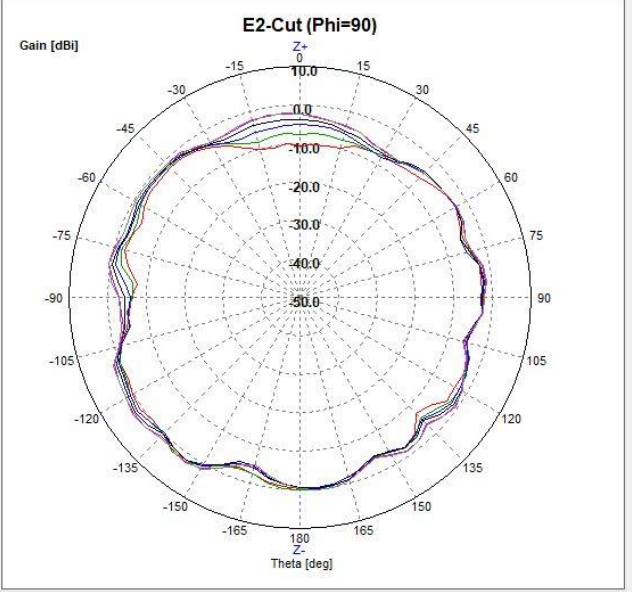
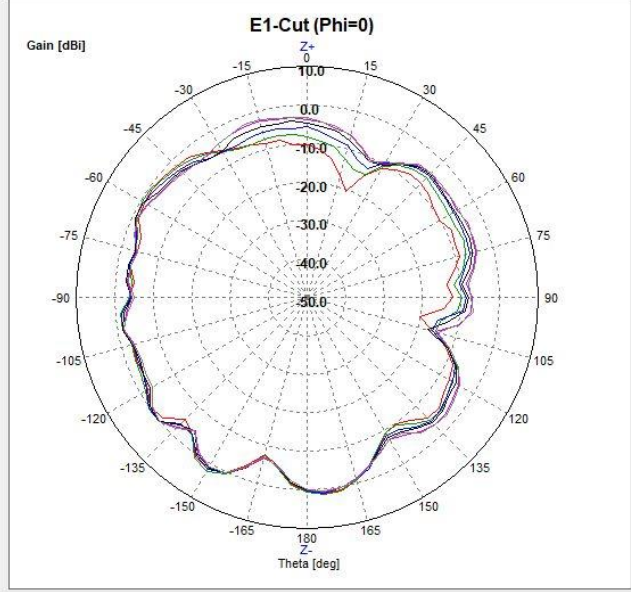
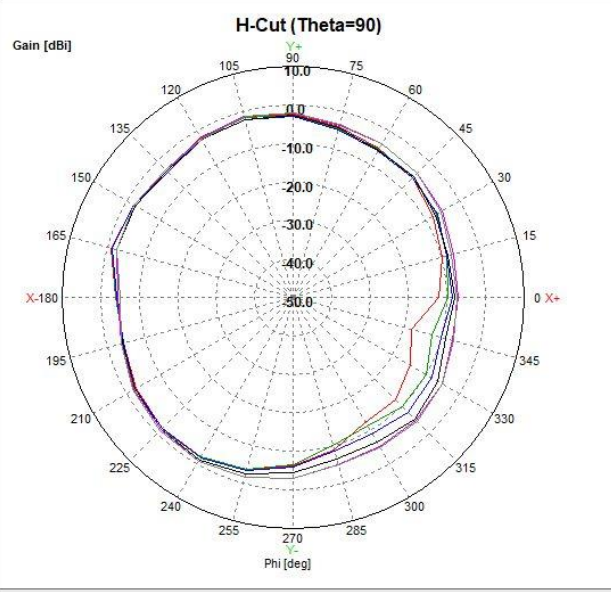


Plot Data

Polarization : **Power-Sum**

Frequency : **2400.000** [MHz]

- 2400.000
- 2420.000
- 2440.000
- 2460.000
- 2480.000
- 2483.500



Graph Option

Style: Polar Rectangular

Zoom:

H-Cut E1-Cut E2-Cut

Scale: Max: 10, Min: -50,



Antenna2 3D 방사 특성

