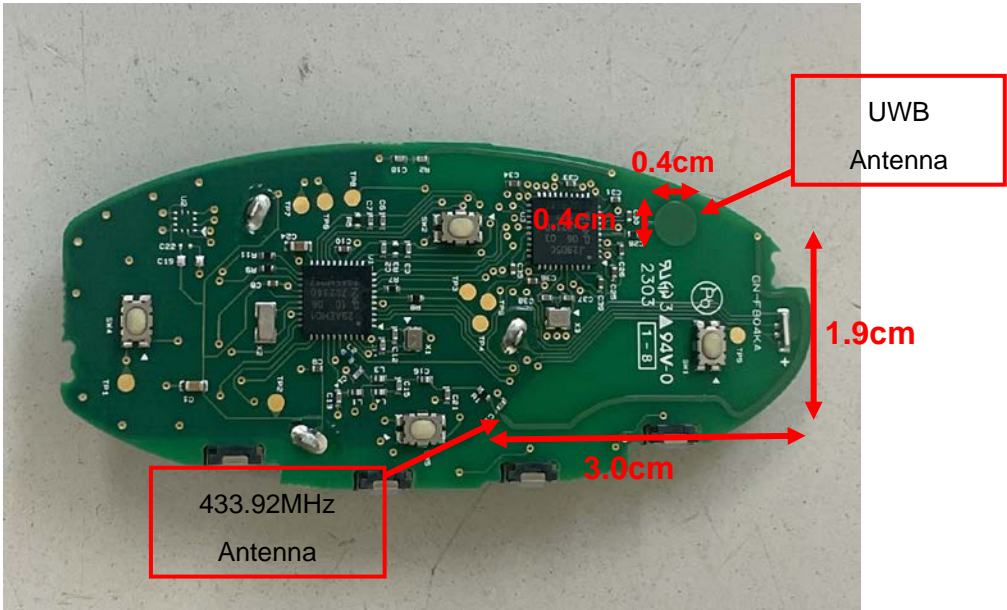


Antenna Information

Item	Contents
Antenna Type	PCB Pattern Antenna
Antenna peak gain	433.92 MHz: -11.45 dBi 6 489.6 MHz: -3.13 dBi
Manufacturer / Model name	Hyundai Mobis Co., Ltd. / -
Address of manufacturer	203, Teheran-ro, Gangnam-gu, Seoul, South Korea, 135-977
433.92 MHz Antenna Length	3.0 cm
433.92 MHz Antenna Width	1.9 cm
UWB Antenna Length	0.4 cm
UWB Antenna Width	0.4 cm



No.	Freq.	PwrSur					H($\theta=90$)				E1($\phi=0$)				E2($\phi=90$)			
		Eff.[%]	Avg.[dBi]	Peak[dBi]	θ [deg]	ϕ [deg]	Avg.[dBi]	Peak[dBi]	ϕ [deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	θ [deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	θ [deg]	BW[deg]
1	432.920	2.44	-16.12	-11.46	75.00	170.00	-13.33	-12.28	175.00	999.00	-16.59	-11.50	-75.00	53.76	-17.34	-13.06	80.00	66.43
2	433.920	2.42	-16.16	-11.48	75.00	165.00	-13.35	-12.27	180.00	999.00	-16.62	-11.50	-75.00	53.50	-17.37	-13.08	80.00	65.55
3	434.920	2.42	-16.17	-11.45	75.00	175.00	-13.36	-12.23	170.00	999.00	-16.63	-11.47	-75.00	53.07	-17.40	-13.09	80.00	64.99

Plot Data

Polarization :

Powr-Sum

Frequency :

- 432.920 [MHz]
- 433.920
- 434.920

Graph Option

Style

Polar Rectangular

Zoom

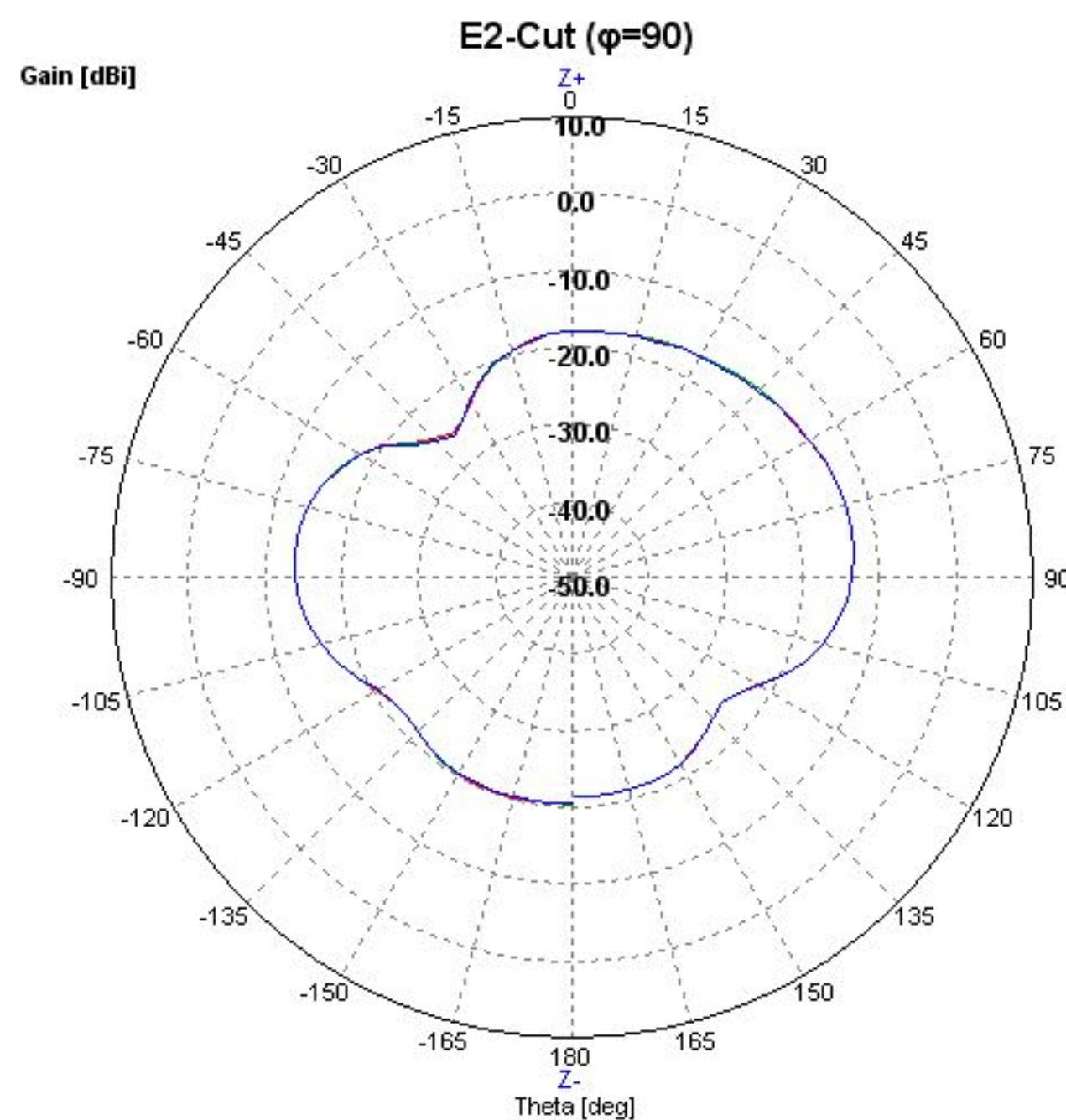
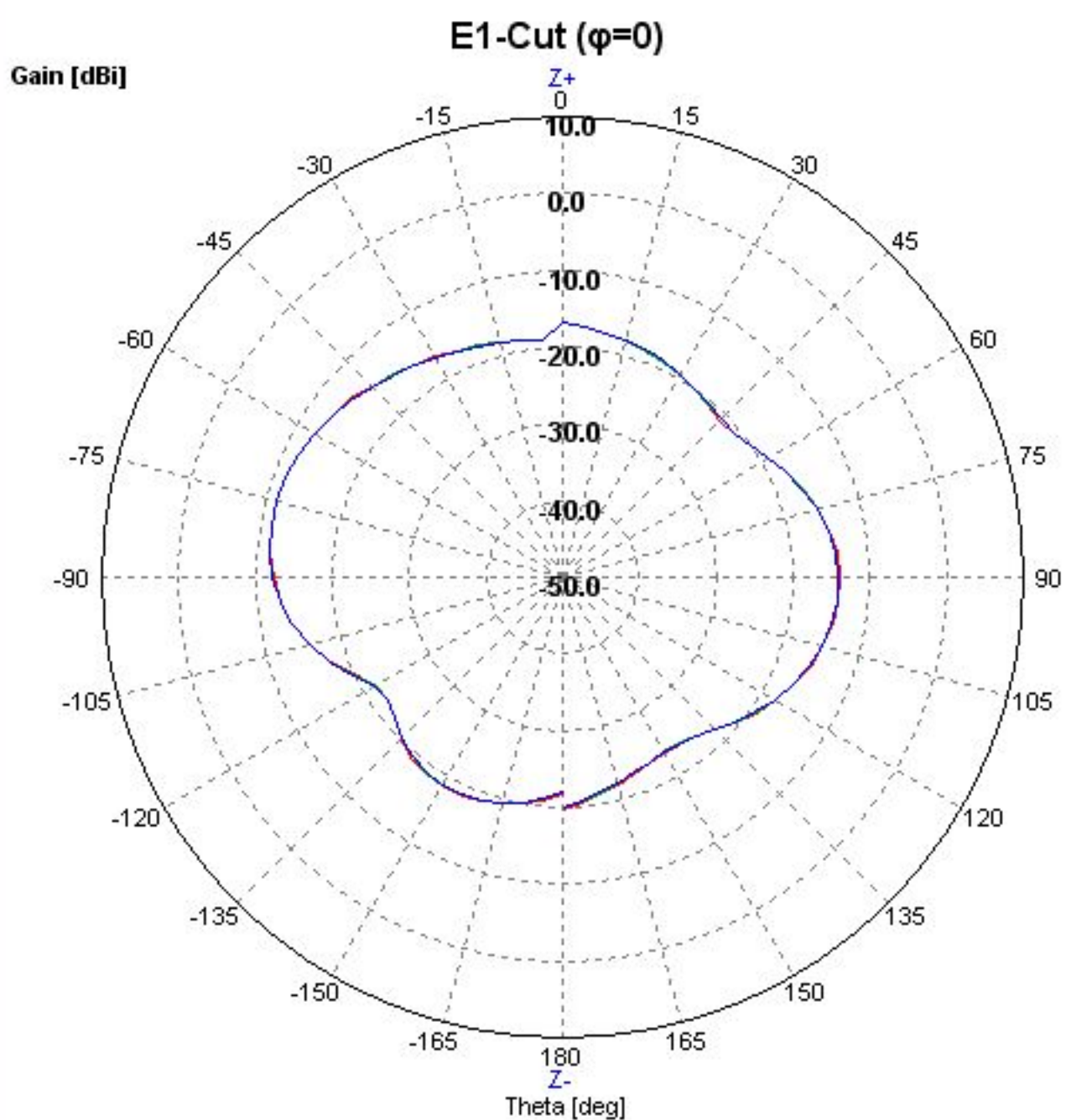
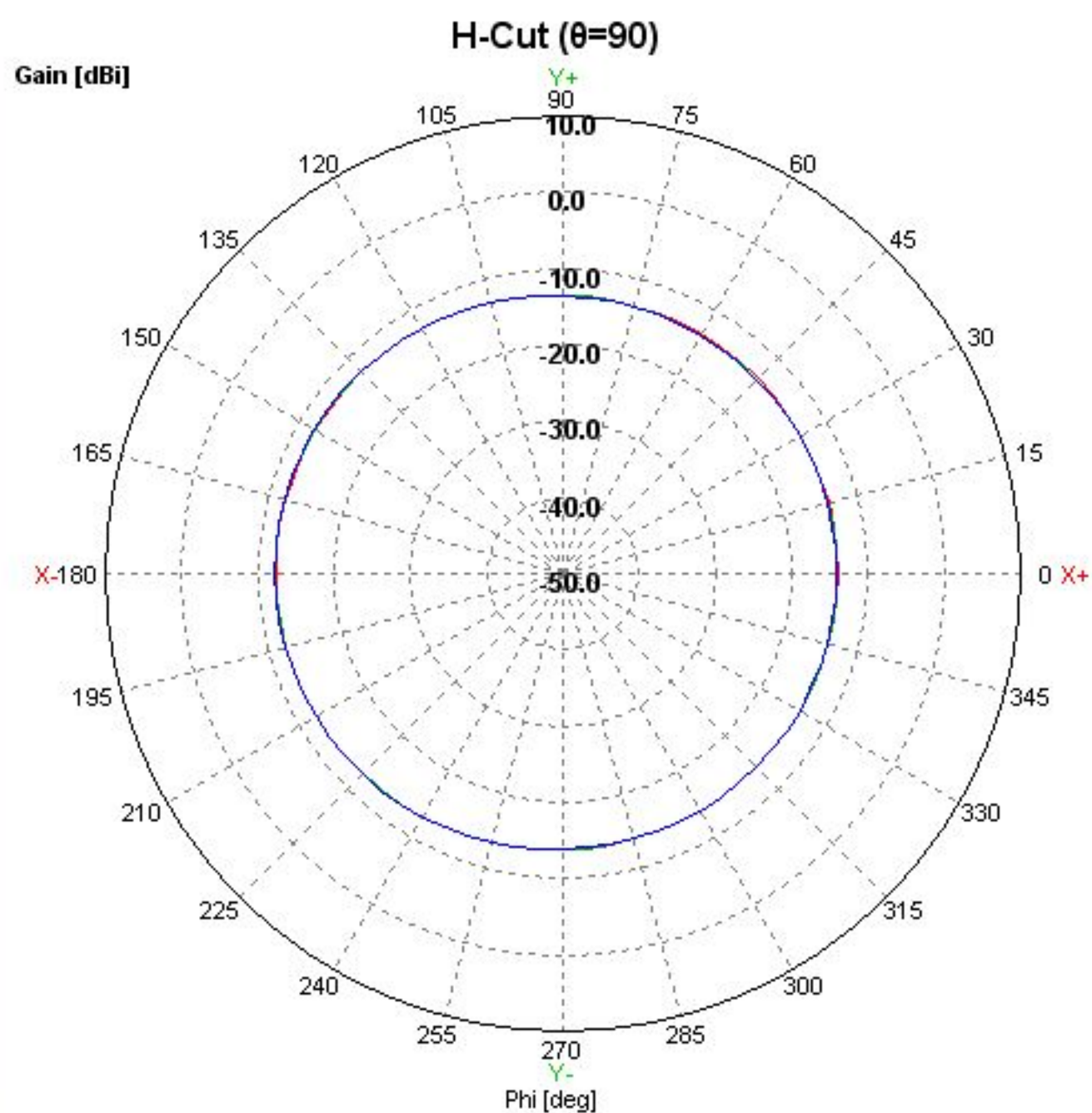
H-Cut E1-Cut E2-Cut

Scale

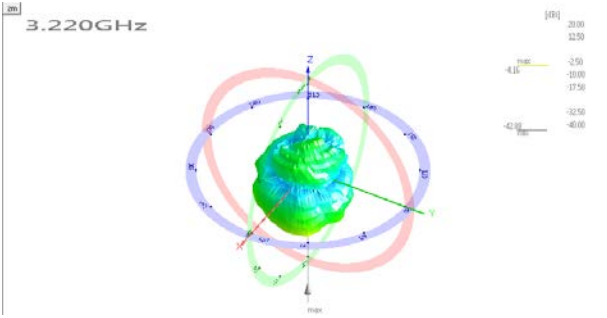
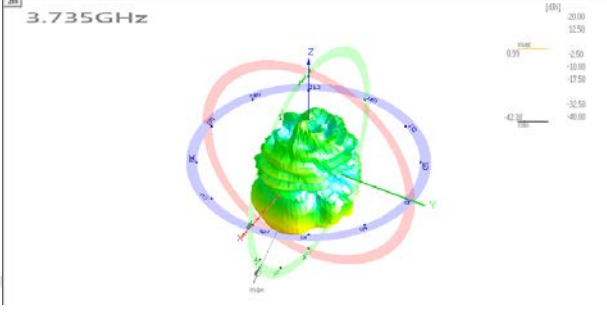
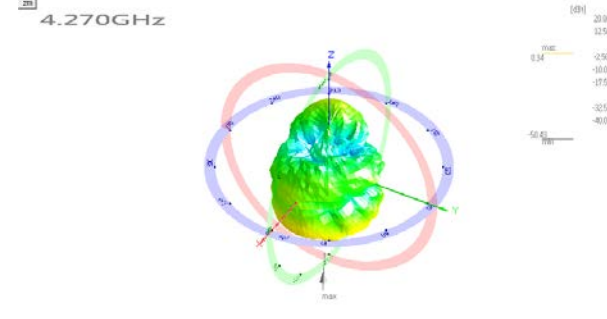
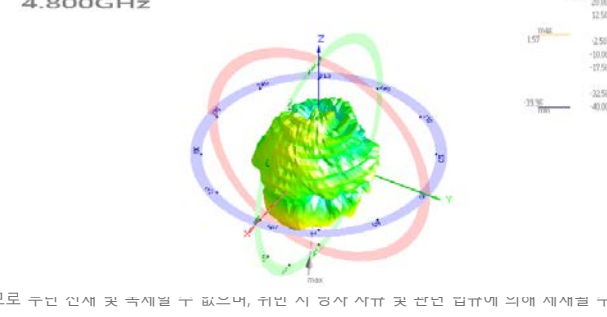
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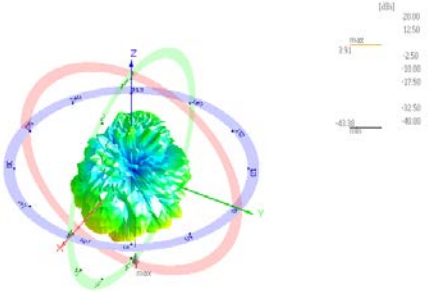
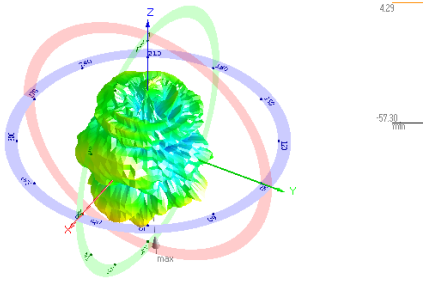
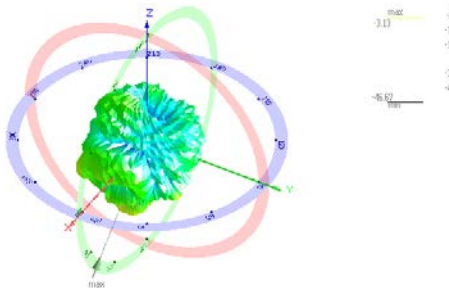
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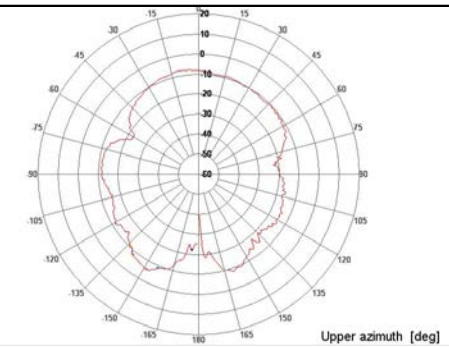
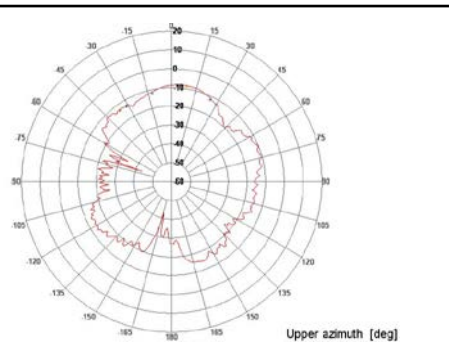
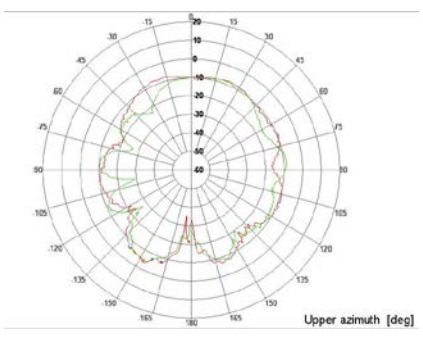
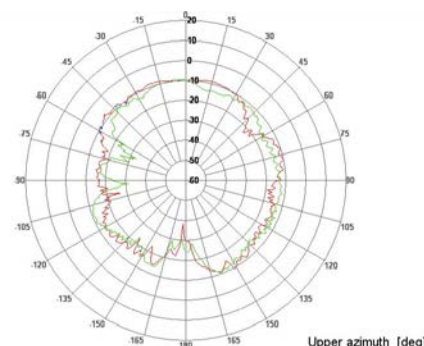
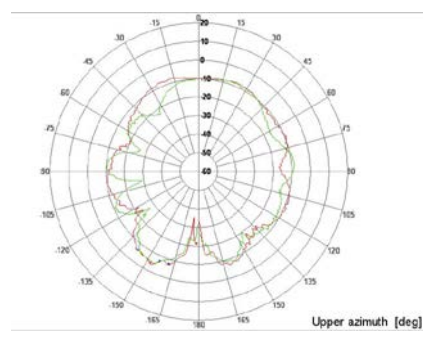
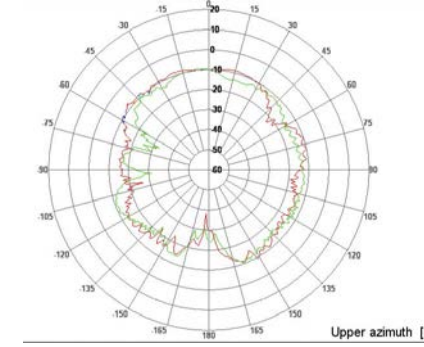
Apply





No.	Freq.[GHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]	
1	0.8	0.24	-26.24	-19.70	
2	1.6	0.65	-21.89	-11.87	
3	2.15	6.99	-11.55	-0.56	
4	2.7	8.4	-10.76	-2.66	

No.	Freq.[GHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]	
5	3.22	5.37	-12.70	-4.16	
6	3.735	13.67	-8.64	0.99	
7	4.27	15.78	-8.02	0.34	
8	4.8	14.88	-8.28	1.57	

No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]	
9	5.4		10.23	-9.90	3.91	<p>5.400GHz</p> 
10	6		12.28	-9.11	4.29	<p>6.000GHz</p> 
11	6.5		5.63	-12.49	-3.13	<p>6.500GHz</p> 

No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]		
12	8.1				-3.41	 Upper azimuth [deg]	 Upper azimuth [deg]
13	8.5				-1.87	 Upper azimuth [deg]	 Upper azimuth [deg]
14	10.2				-2.88	 Upper azimuth [deg]	 Upper azimuth [deg]


차갈리모뎀_H_8.5-10.2-CAL.nff
차갈리모뎀_H_8.5-10.2-CAL.nff


차갈리모뎀_H_8.5-10.2-CAL.nff
차갈리모뎀_H_8.5-10.2-CAL.nff