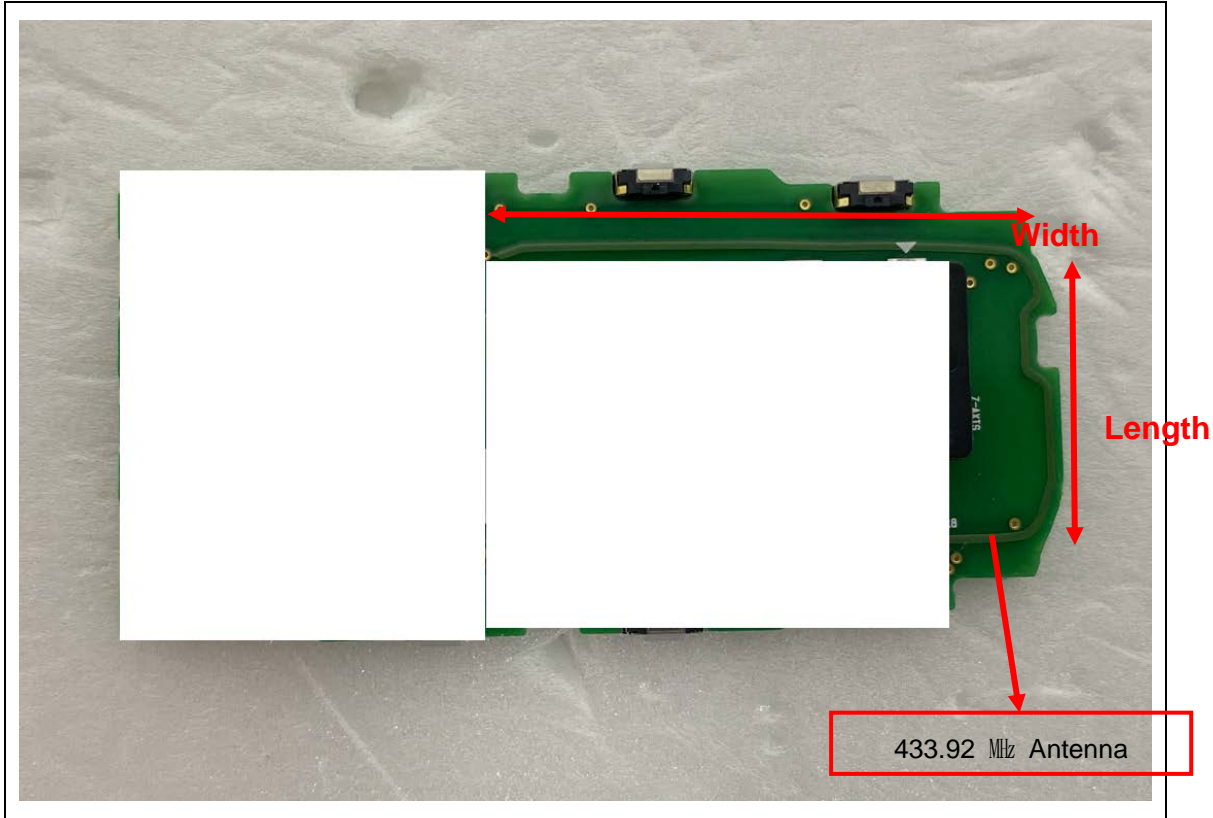
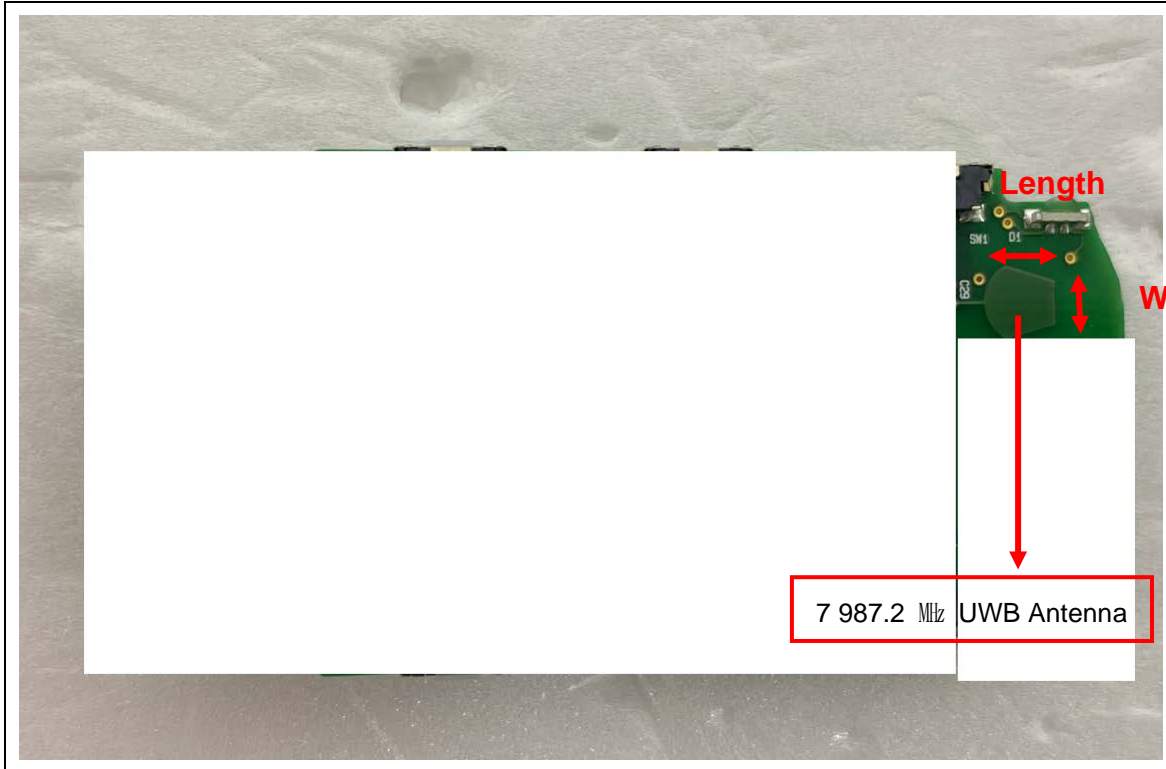


# Antenna Information

Item	Contents	
Frequency	433.92 MHz	7 987.2 MHz
Antenna Type	PCB Pattern Antenna	
Antenna peak gain	-11.48 dBi	-0.05 dBi
Manufacturer / Model name	Hyundai Mobis Co., Ltd. / -	
Address of manufacturer	203, Teheran-ro, Gangnam-gu, Seoul, South Korea, 135-977	
Test Laboratory	RadiAnt Co., Ltd	EMTI
Antenna Length	35 mm	5 mm
Antenna Width	20 mm	5 mm



Model name: FOB-4FA0U44



Model name: FOB-4FA0U44

No.	Freq.	PwrSur					H( $\theta=90$ )				E1( $\phi=0$ )				E2( $\phi=90$ )			
		Eff.[%]	Avg.[dBi]	Peak[dBi]	$\theta$ [deg]	$\phi$ [deg]	Avg.[dBi]	Peak[dBi]	$\phi$ [deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	$\theta$ [deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	$\theta$ [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 :

 [MHz]  
  


## Graph Option

Style

 Polar  Rectangular

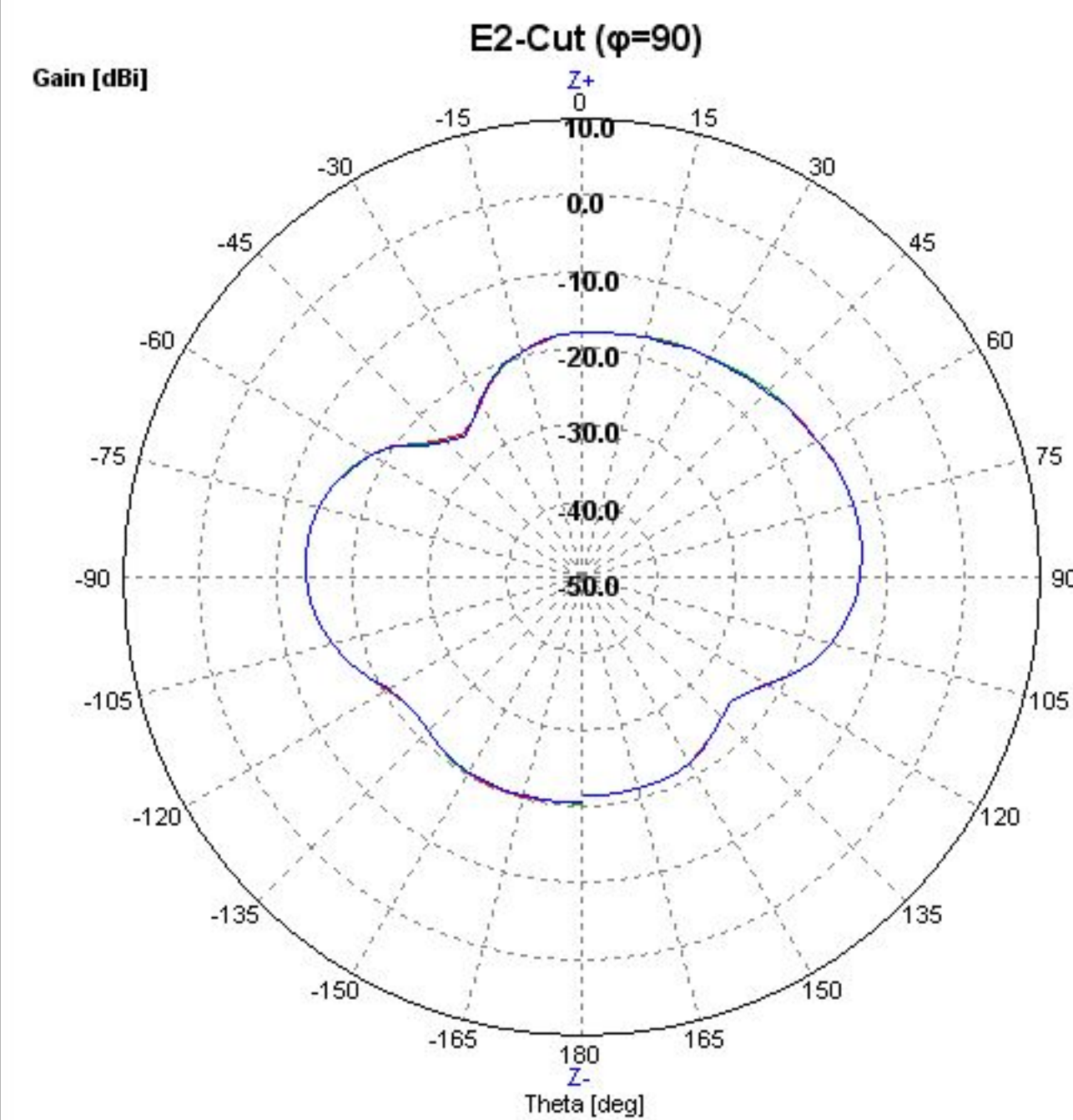
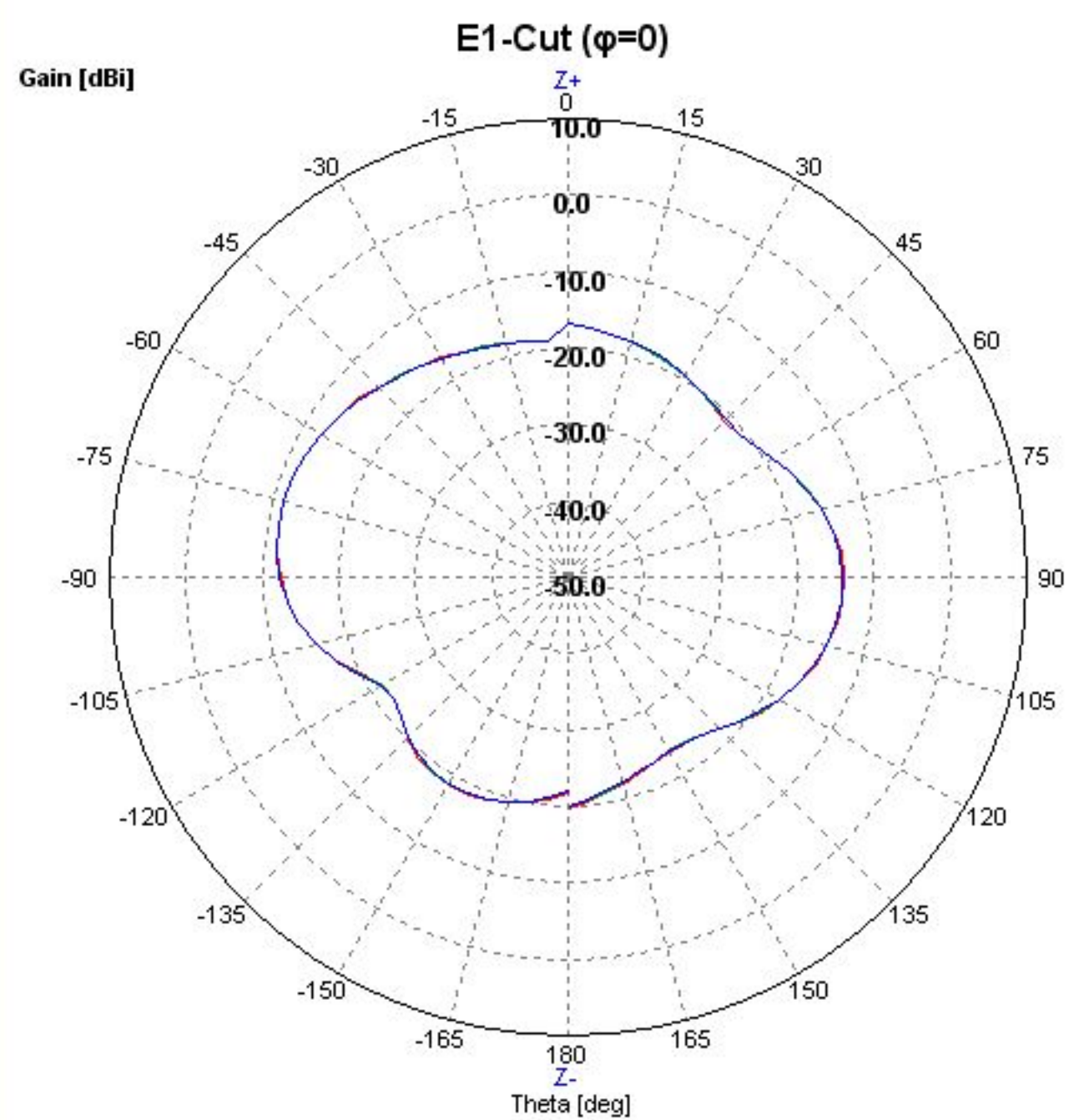
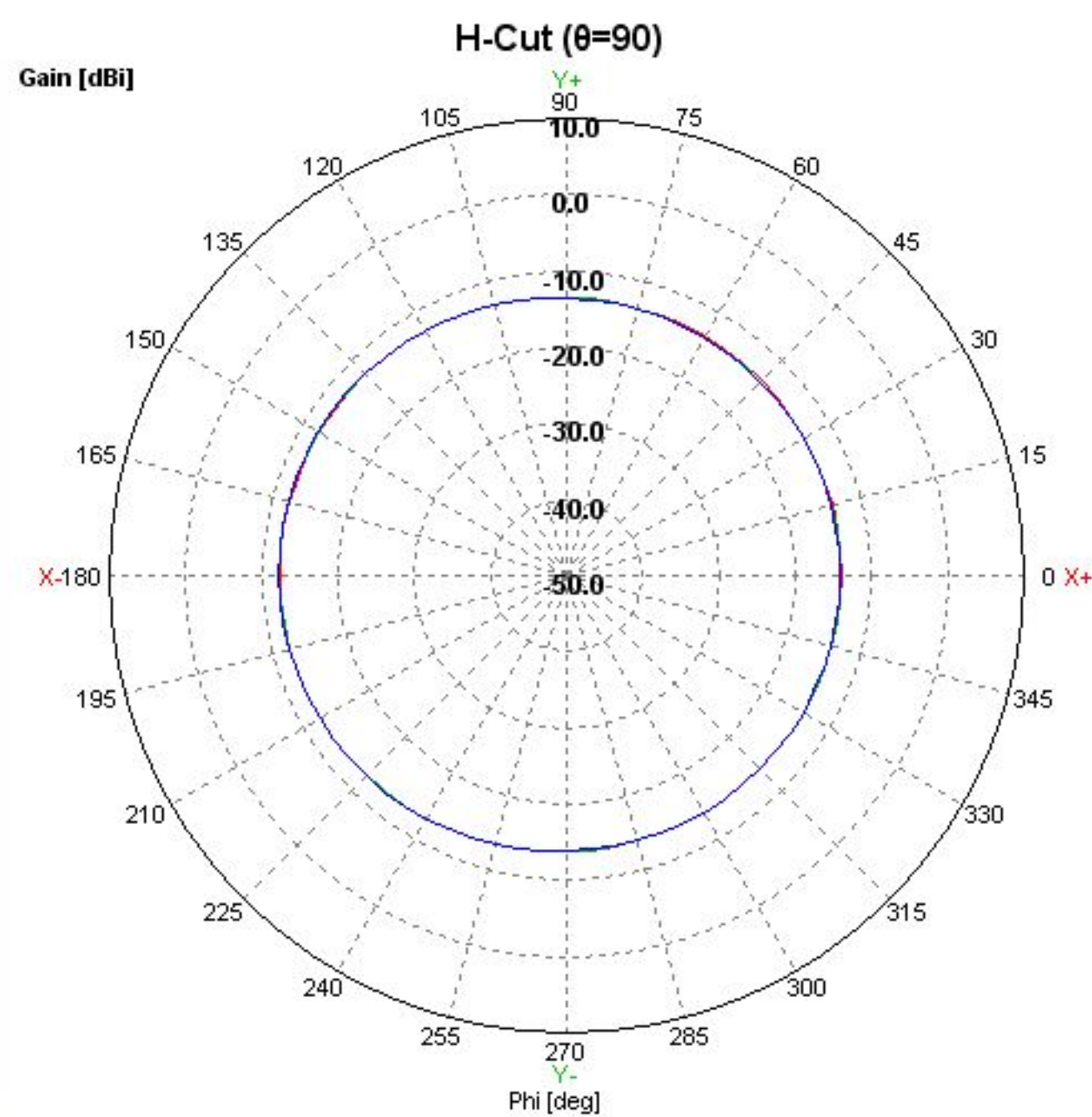
Zoom

Scale

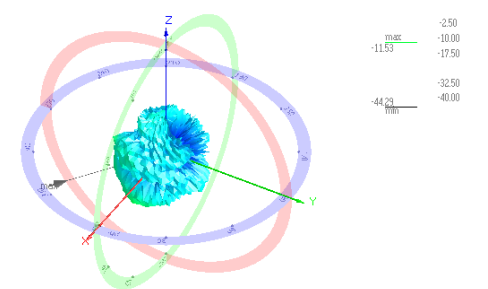
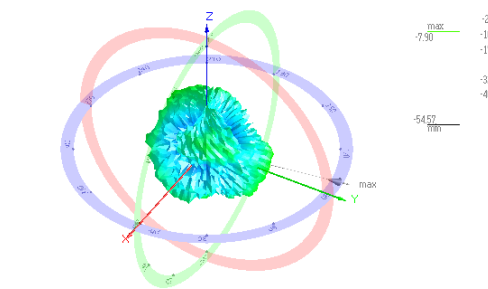
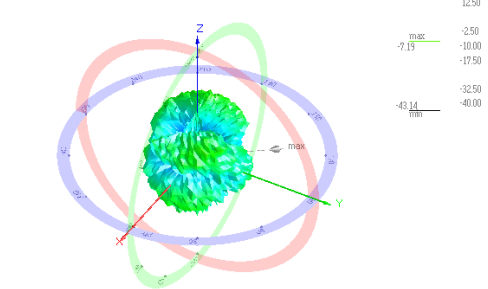
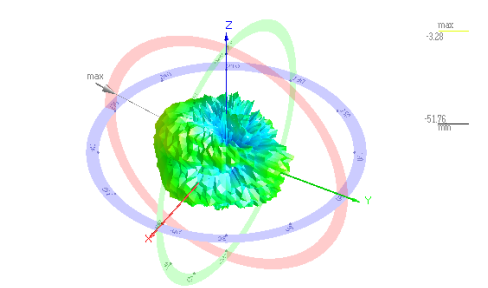
Max : 10

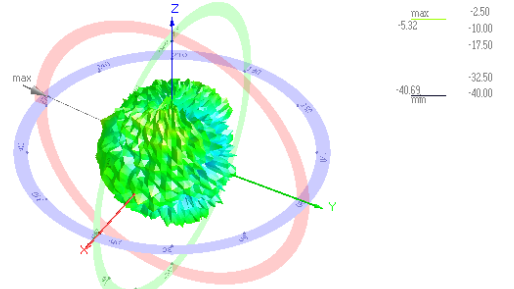
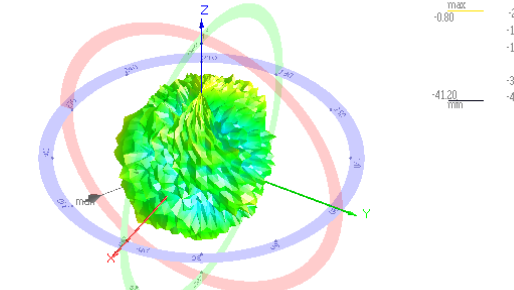
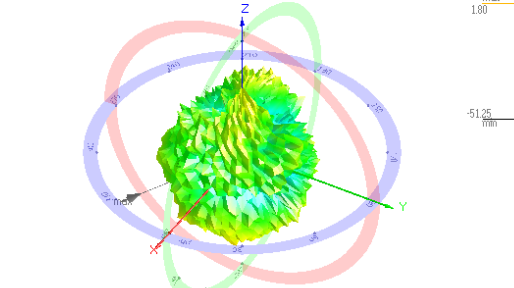
Min : -50



No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]	
1	0.8		0.04	-33.87	-26.39	<p>0.800GHz</p>
2	1.6		0.21	-26.71	-20.66	<p>1.600GHz</p>
3	2.15		1.33	-18.76	-12.46	<p>2.150GHz</p>
4	2.7		0.41	-23.92	-15.21	<p>2.700GHz</p>

Hyundai h

No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]	
5	3.22		1.98	-17.03	-10.81	<p>3.220GHz</p> 
6	3.735		4.15	-13.82	-7.16	<p>3.735GHz</p>  <p>Hyundai M</p>
7	4.27		7.11	-11.48	-6.22	<p>4.270GHz</p> 
8	4.8		12.07	-9.18	-1.72	<p>4.800GHz</p> 

No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]	
9	5.4		11.41	-9.43	-2.66	<p style="text-align: center;">5.400GHz</p> 
10	6		19.29	-7.15	-0.24	<p style="text-align: center;">6.000GHz</p> 
11	6.5		29.15	-5.35	2.45	<p style="text-align: center;">6.500GHz</p> 

No.	Freq.[GHz]	Peak[dBi]	
12	8.1GHz	-0.05	
13	8.2GHz	1.41	
14	8.3GHz	3.12	
15	8.4GHz	4.02	
16	8.5GHz	3.79	

