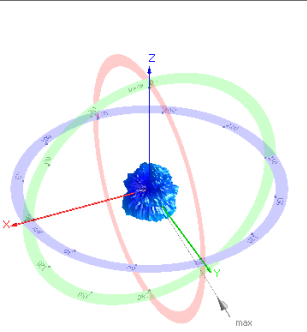
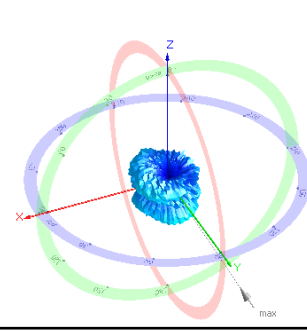
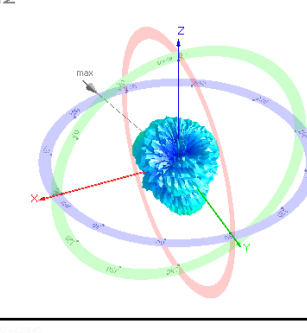
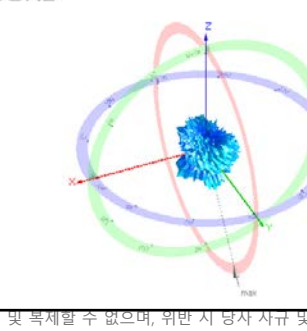


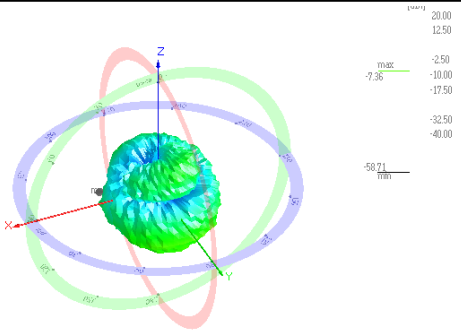
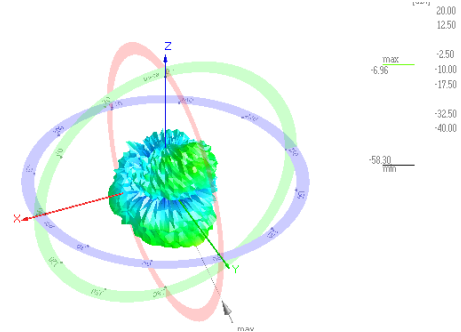
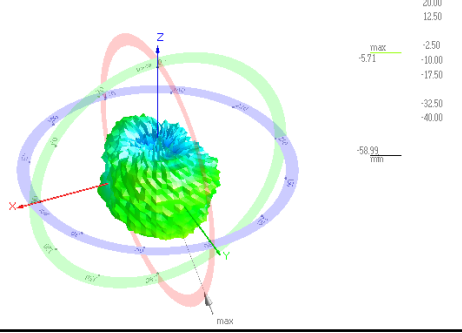
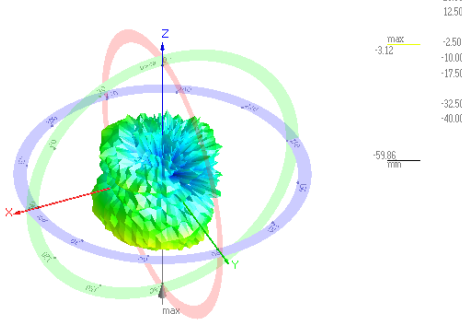
Antenna Information

- Model: FOB-4F81U44
- H/W version: 1.00
- Antenna Type: PCB Pattern
- Antenna Max peak gain: 0.78 dBi
- Manufacturer: Hyundai Mobis Co., Ltd.
- Manufacturer Address: 203, Teheran-ro, Gangnam-gu, Seoul, South Korea, 135-977

No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]	
1	0.8		0.21	-26.72	-21.89	0.800GHz  [dBi] 20.00 12.50 -2.50 -10.00 -17.50 max -23.18 -32.50 -40.00 -53.30 mm
2	1.6		0.41	-23.92	-17.92	1.600GHz  [dBi] 20.00 12.50 -2.50 -10.00 -17.50 max -18.70 -32.50 -40.00 -63.16 mm
3	2.15		1.51	-18.22	-12.17	2.150GHz  [dBi] 20.00 12.50 -2.50 -10.00 -17.50 max -12.80 -32.50 -40.00 -63.88 mm
4	2.7		0.63	-21.98	-15.29	2.700GHz  [dBi] 20.00 12.50 -2.50 -10.00 -17.50 max -17.89 -32.50 -40.00 -67.06 mm

MV

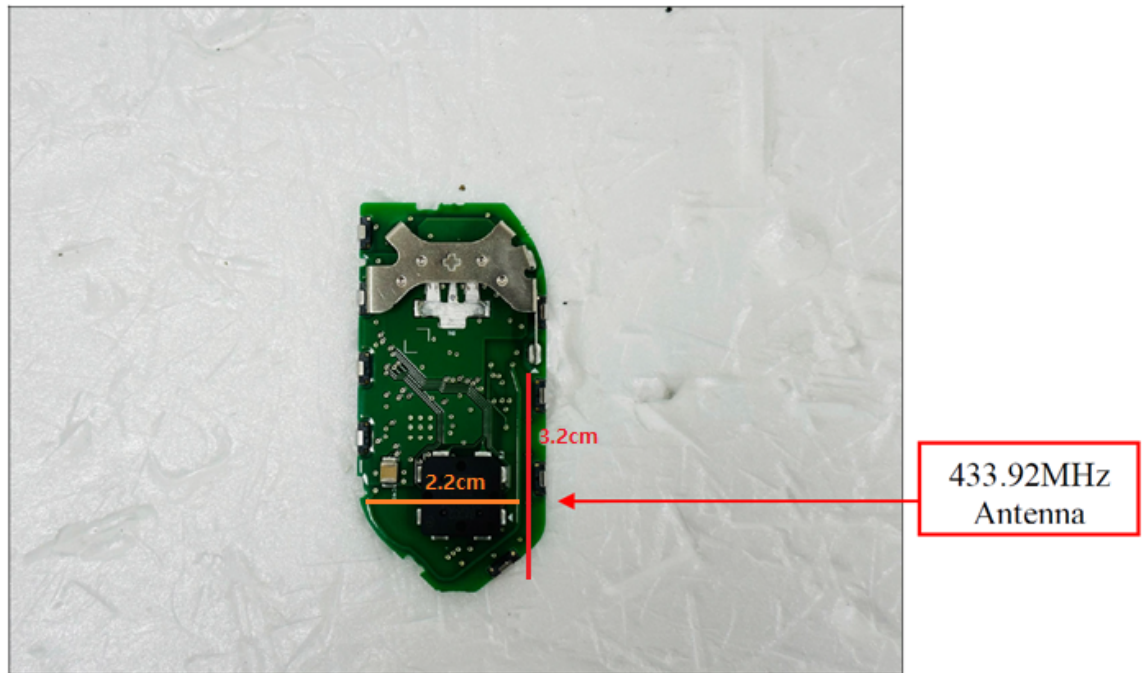
Model: FOB-4F81U44
H/W version: 1.00
Manuafacturer: Hyundai
Mobis Co., Ltd.

No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]	
5	3.22		5.71	-12.43	-6.82	3.220GHz 
6	3.735		6.17	-12.1	-5.17	3.735GHz 
7	4.27		13.3	-8.76	-2.25	4.270GHz 
8	4.8		17.95	-7.46	2.78	4.800GHz 

No.	Freq.[GHz]		Eff.[%]	Avg.[dBi]	Peak[dBi]	
9	5.4		23.35	-6.32	2.86	5.400GHz
10	6		23.19	-6.35	1.93	6.000GHz
11	6.5		21.44	-6.69	0.78 Max Peak	6.500GHz

*Antenna type: PCB pattern

Top view of Main PCB



Bottom view of Main PCB

