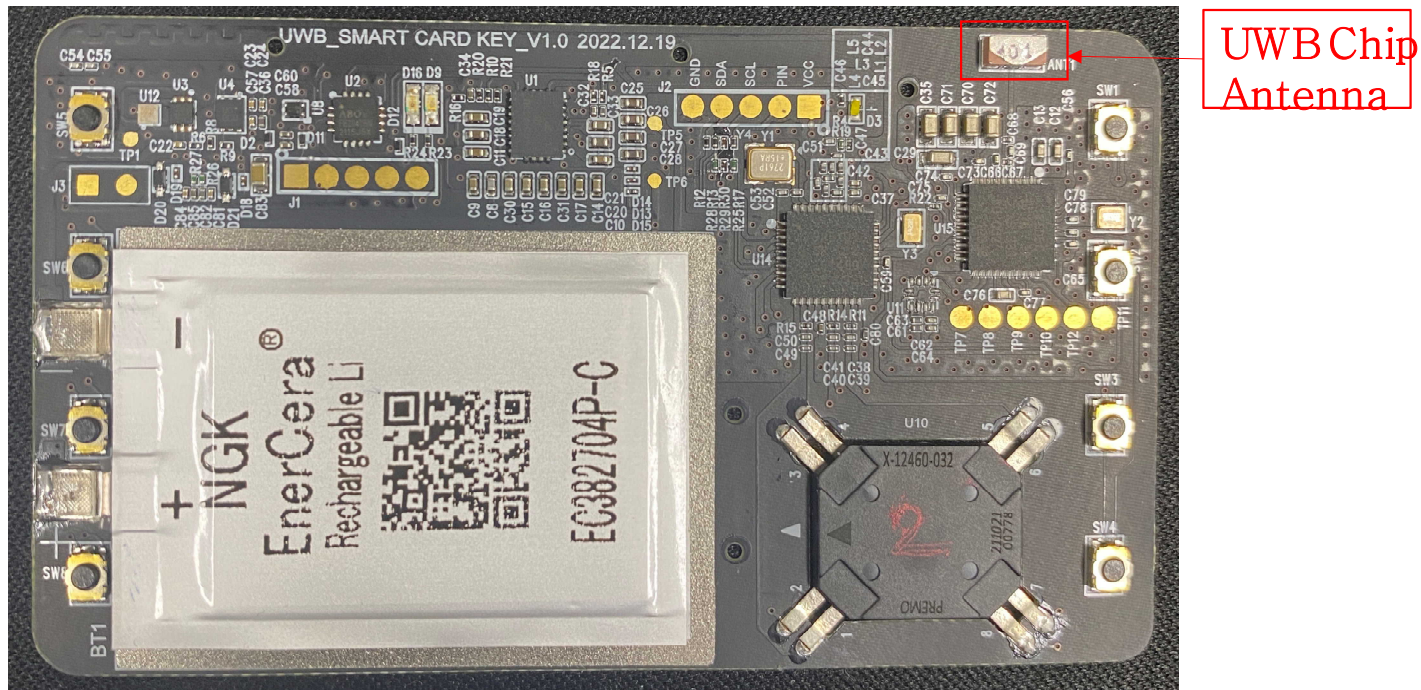


UWB Antenna

1. UWB Chip Antenna

- Ultra Wide Band, 6200~8250MHz
- Monopole Structure
- Size (4.0*2.0*1.2mm³)

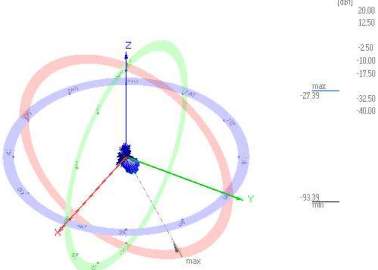
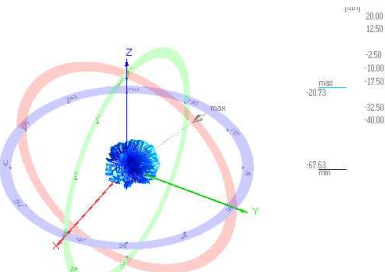
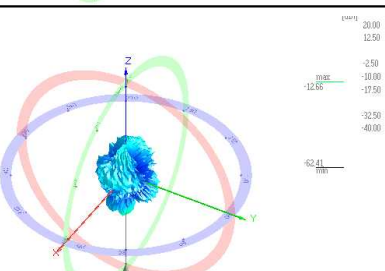


UWB Antenna

2. UWB antenna radiation diagram

Frequency Range	Antenna Gain
below 1.6 GHz	-20.66 dBi
1.6 GHz ~2.7 GHz	-12.46 dBi
2.7 GHz~3.735 GHz	-7.16 dBi
3.735 GHz~4.8 GHz	-1.72 dBi
4.8 Ghz~6.0 GHz	-0.24 dBi
6.0 Ghz~8.0 GHz	2.45 dBi
8.0 GHz~10.2 GHz	4.02 dBi
above 10.2 GHz	1.33 dBi

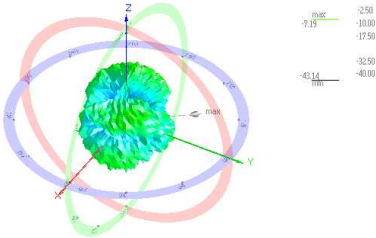
UWB Antenna

No.	Freq.[GHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]	
1	0.8	0.04	-33.87	-26.39	0.800GHz 
2	1.6	0.21	-26.71	-20.66	1.600GHz 
3	2.15	1.33	-18.76	-12.46	2.150GHz 

UWB Antenna

No.	Freq.[GHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]	
4	2.7	0.41	-23.92	-15.21	2.700GHz
5	3.22	1.98	-17.03	-10.81	3.220GHz
6	3.735	4.15	-13.82	-7.16	3.735GHz

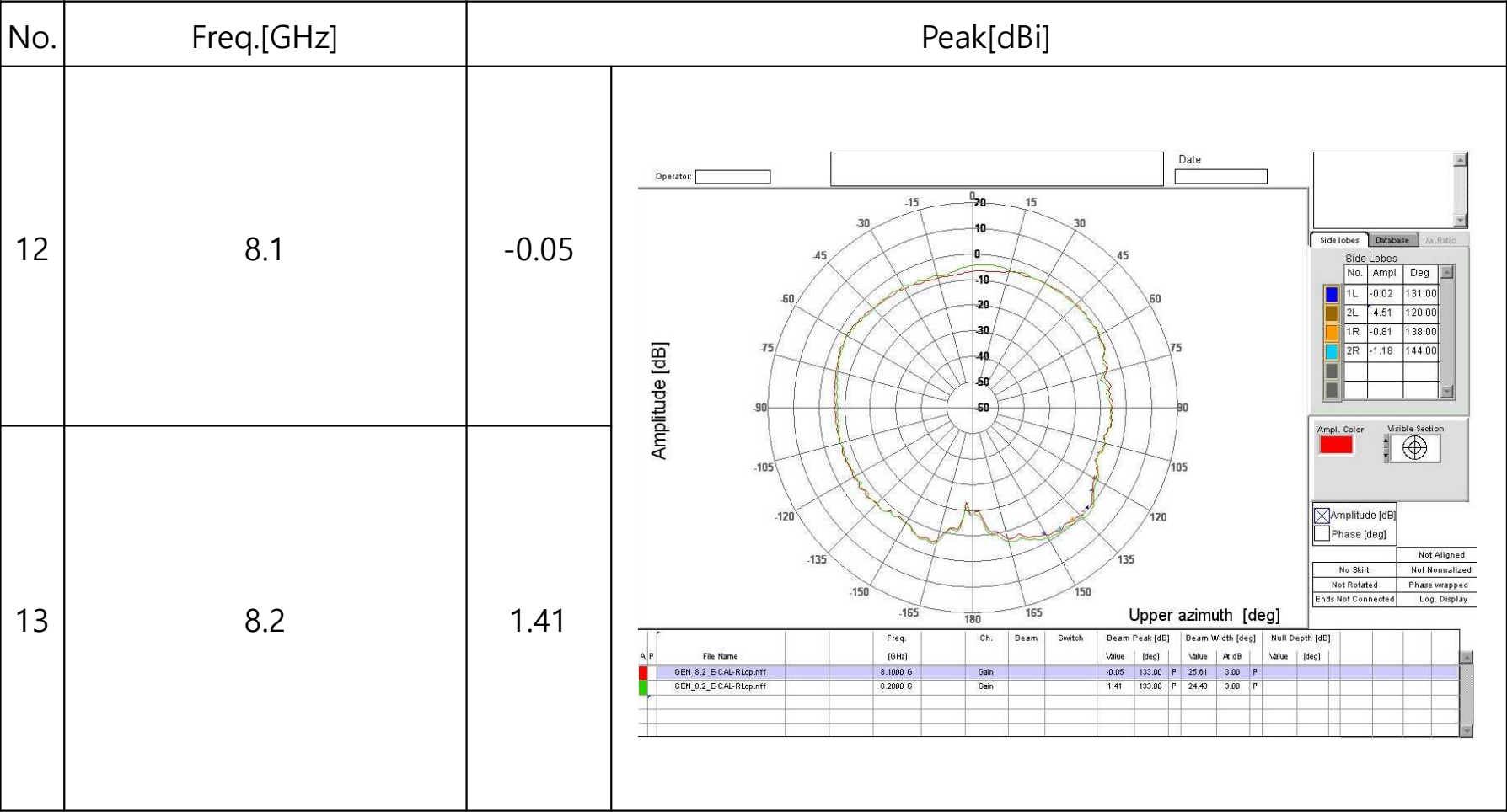
UWB Antenna

No.	Freq.[GHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]	
7	4.27	7.11	-11.48	-6.22	4.270GHz 

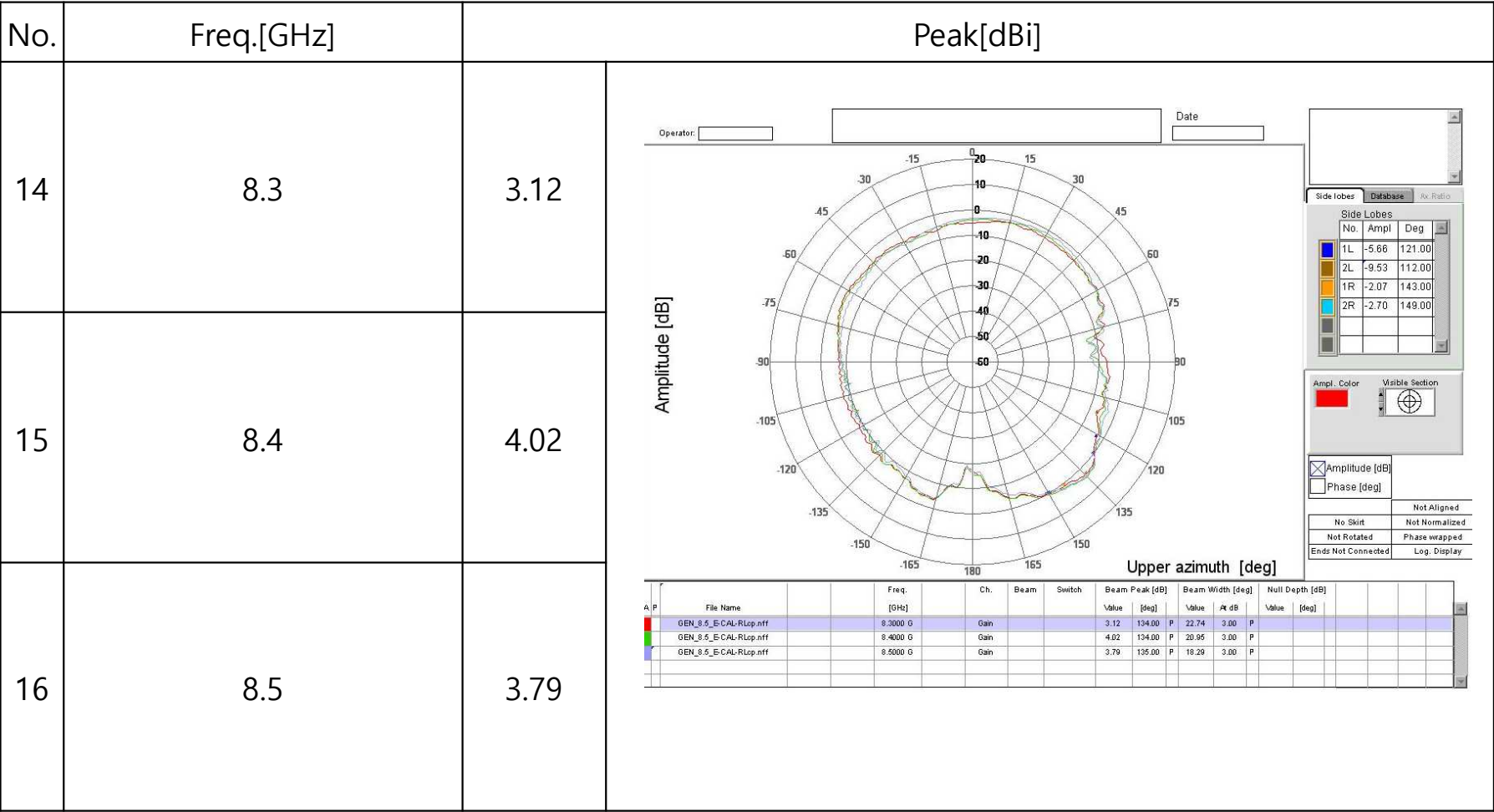
UWB Antenna

No.	Freq.[GHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]	
10	6	19.29	-7.15	-0.24	6.000GHz
11	6.5	29.15	-5.35	2.45	6.500GHz

UWB Antenna



UWB Antenna



UWB Antenna

