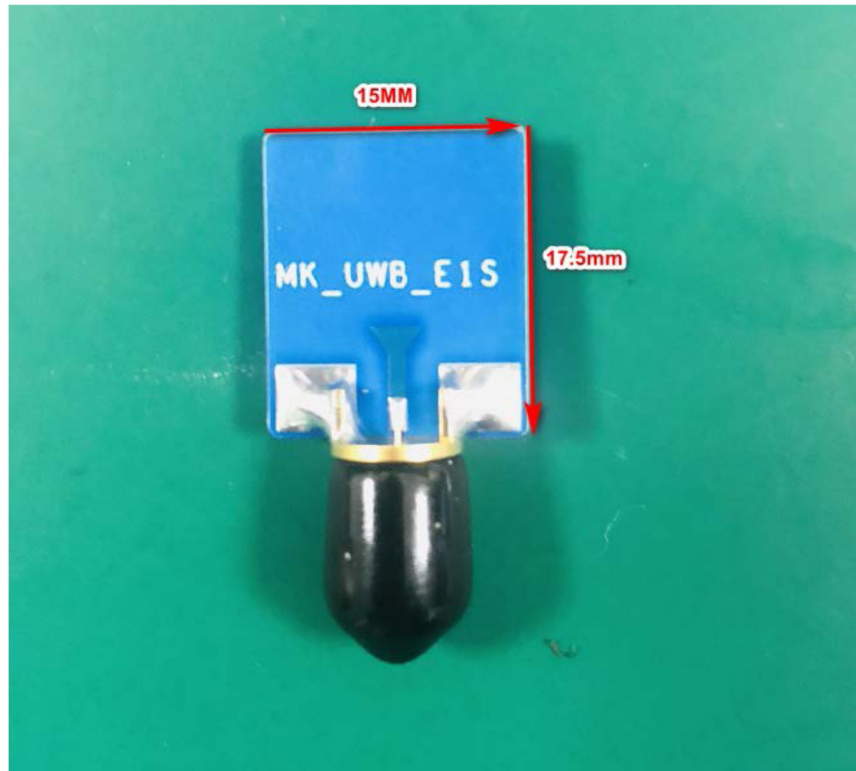


MK8000_LGA40 Antenna specification

1. Single antenna

Band range : 3GHZ~9GHZ

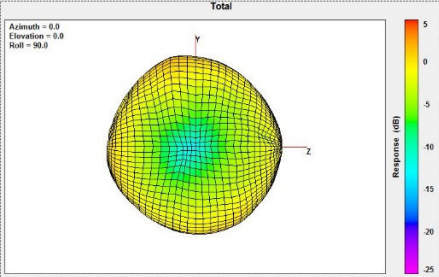
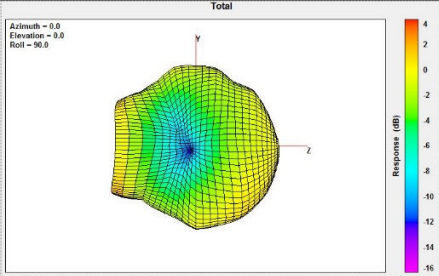
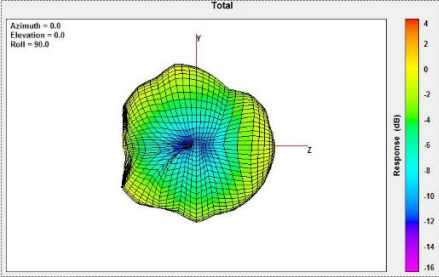
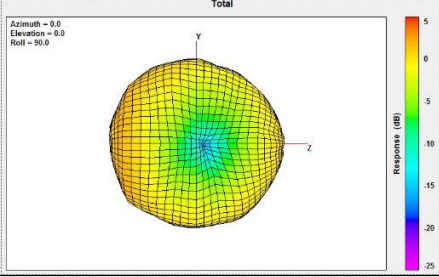
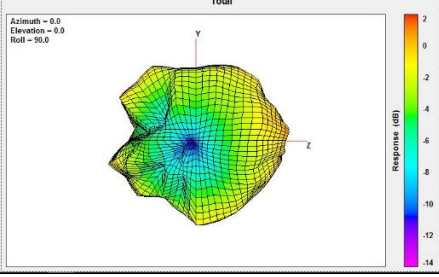


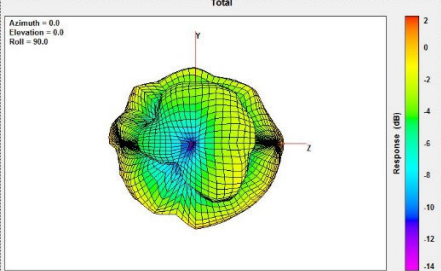
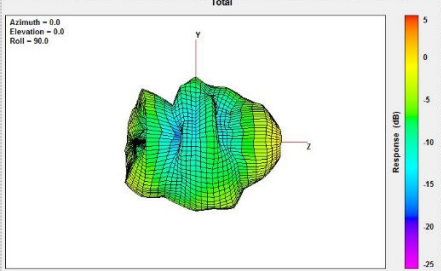
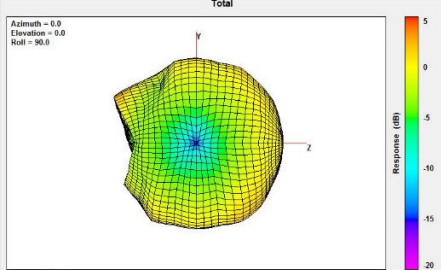
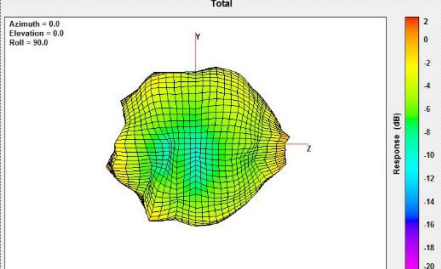
2. Array antenna

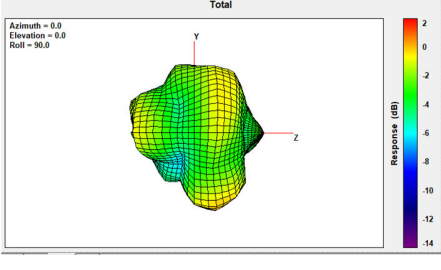
Band range : 3GHZ~9GHZ

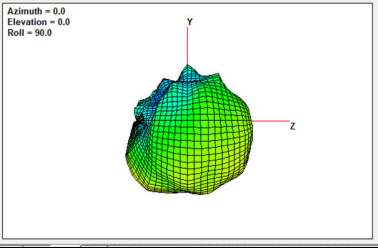
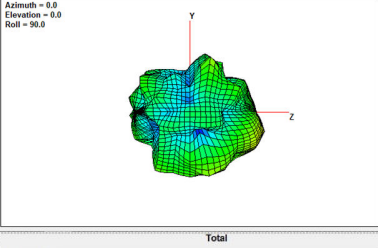
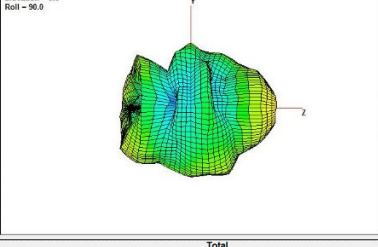
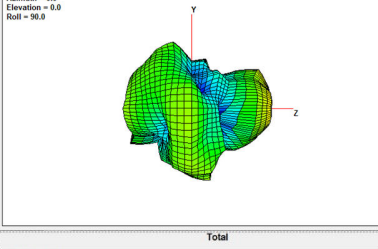
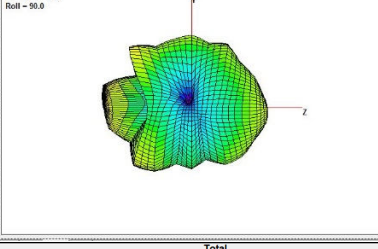
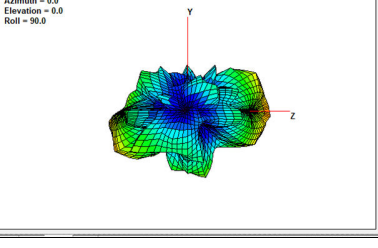


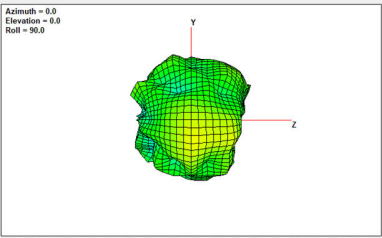
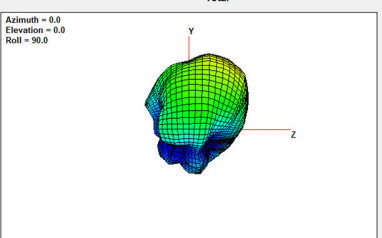
3. Antenna Gain : The antenna is integrated with the module.

Single antenna		
Frequency (GHz)	Max Gain (dBi)	3D Pattern Plots
3.5	-2.97	
4	-4.05	
4.5	-5.32	
6.5	-3.45	
7	-4.82	

7.5	-4.30	
8	-5.37	
8.5	-3.64	
9	-3.90	

Array antenna		
Frequency (GHz)	Max Gain (dBi)	3D Pattern Plots
3.5	-4.64	

4	-5.81	Total Azimuth = 0.0 Elevation = 0.0 Roll = 90.0  Response (dB)
4.5	-7.30	Total Azimuth = 0.0 Elevation = 0.0 Roll = 90.0  Response (dB)
6.5	-4.87	Total Azimuth = 0.0 Elevation = 0.0 Roll = 90.0  Response (dB)
7	-6.40	Total Azimuth = 0.0 Elevation = 0.0 Roll = 90.0  Response (dB)
7.5	-5.96	Total Azimuth = 0.0 Elevation = 0.0 Roll = 90.0  Response (dB)
8	-7.48	Total Azimuth = 0.0 Elevation = 0.0 Roll = 90.0  Response (dB)

8.5	-5.86	Total Azimuth = 0.0 Elevation = 0.0 Roll = 90.0  Response (dB) Y Z
9	-6.24	Total Azimuth = 0.0 Elevation = 0.0 Roll = 50.0  Response (dB) Y Z