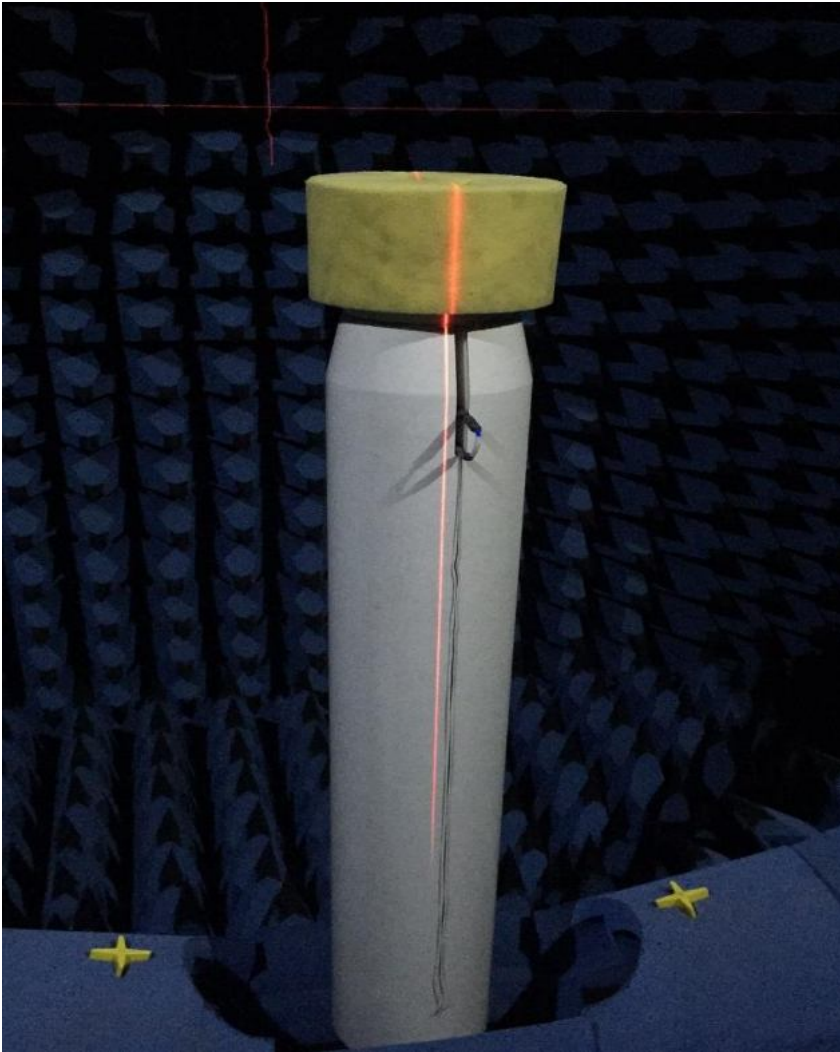


Antenna Specification

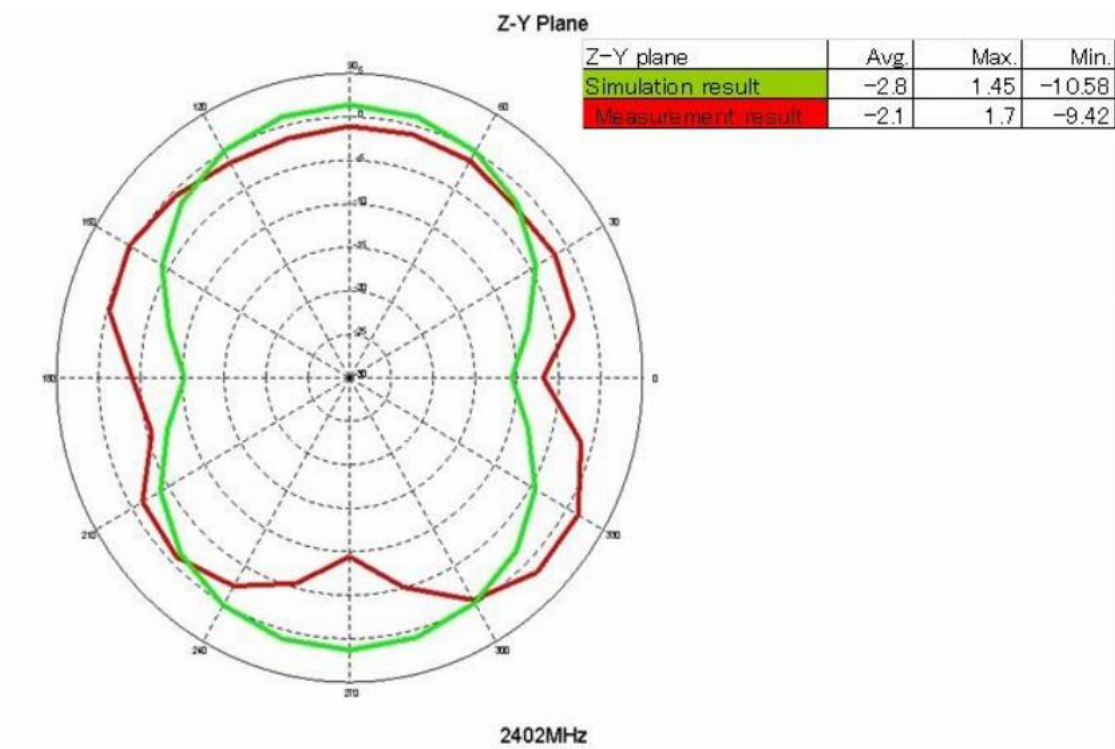
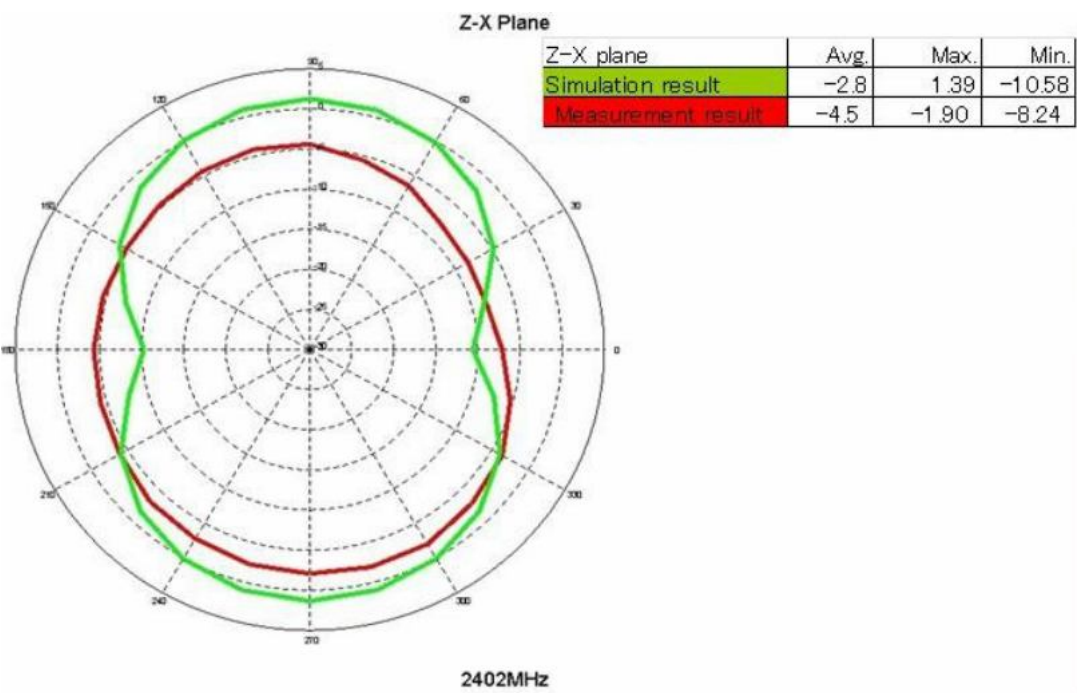
ITEM	ANT SPEC	
Model Name	2.4G ANT	
Operating Frequency	2402MHz-2480MHz	
Operating Temperature Range	105°C	
Antenna Assembly	Type	PCB antenna
	Gain	2.21dBi
Output power	≤6dBm	
Modulation Type	GFSK	
Adaptivity	N/A	
Polarization	Linear Polarization	
Azimuth Beam Pattern	Directional	
Impedance	50 Ohm	
Antenna Size	14.64mm*5.65mm	
Manufacture	QUZHOU CHUANTE ELECTRONIC TECHNOLOGY CO LTD 8 Jincang Rd Kecheng District ,Quzhou,Zheiiang, China	

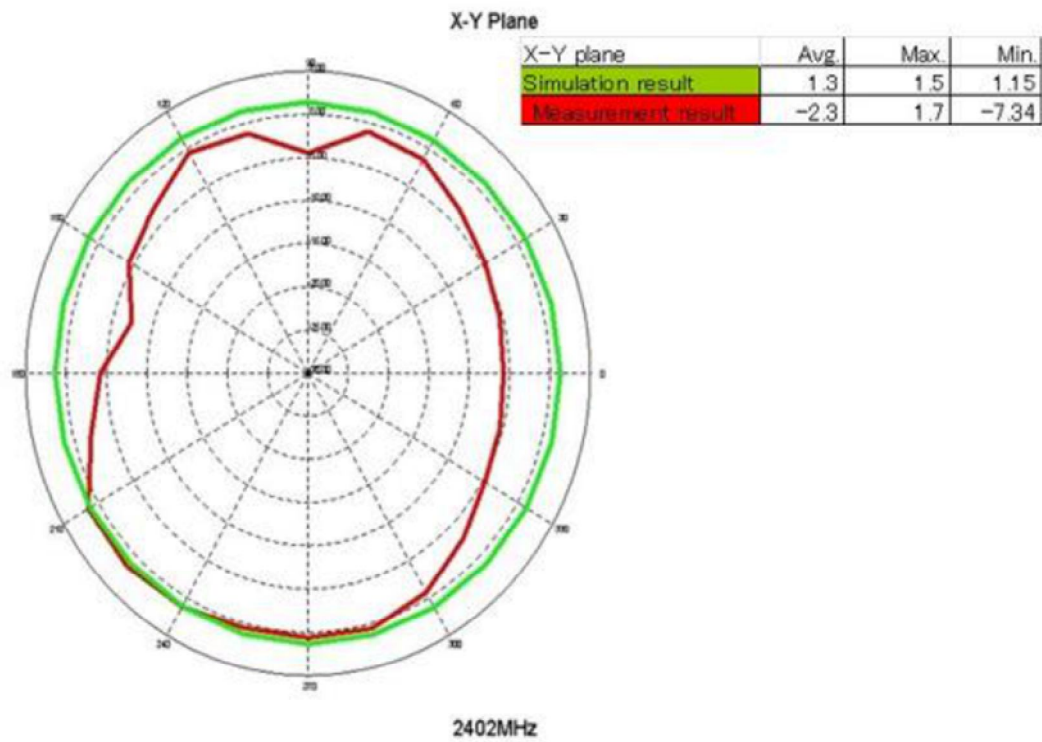
Appendix E Test Setup Photo



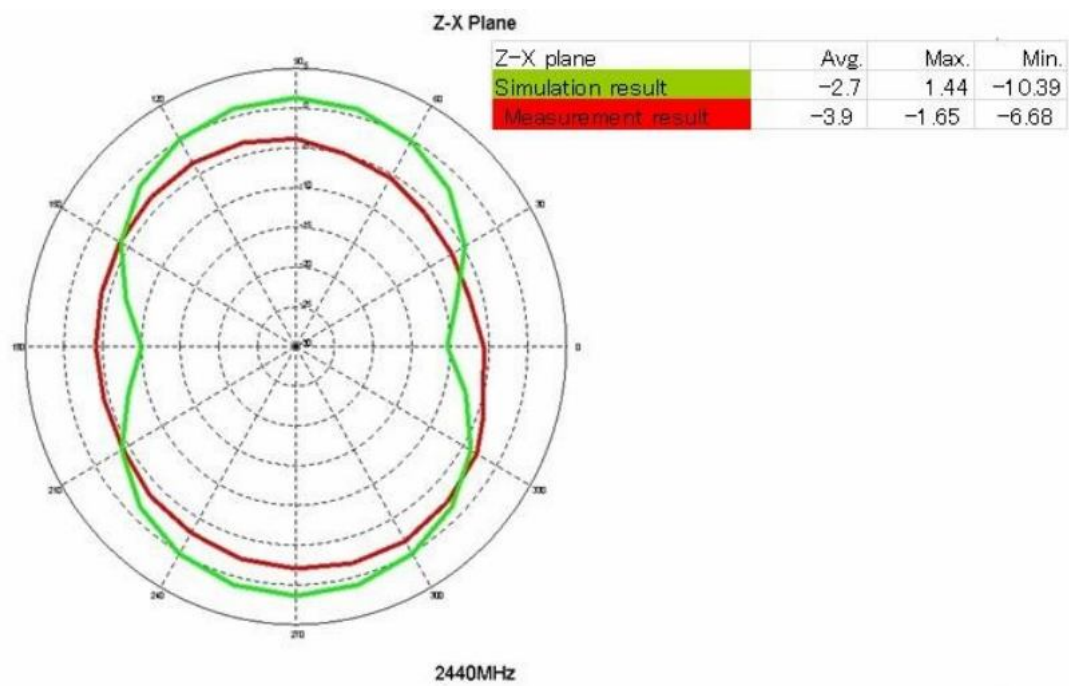
Antenna Radiation Pattern

Radiation pattern @2.402GHz Power (dBi): Max: 5 Min: -30 Scale: 5/div

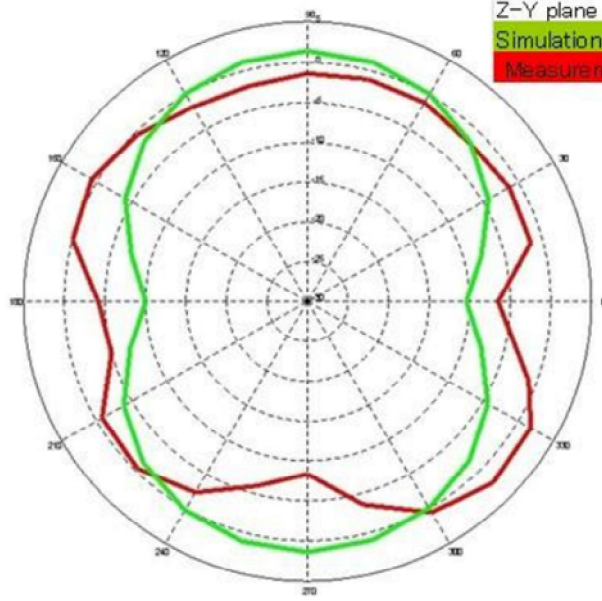




Radiation pattern @2.441GHz Power (dBi): Max: 5 Min: -30 Scale: 5/div



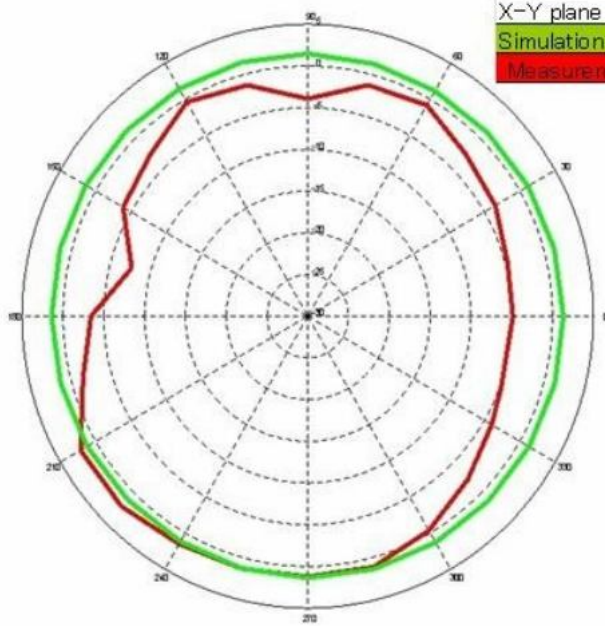
Z-Y Plane



Z-Y plane	Avg.	Max.	Min.
Simulation result	-1.7	1.5	-10.39
Measurement result	-1.8	2.21	-8.31

2440MHz

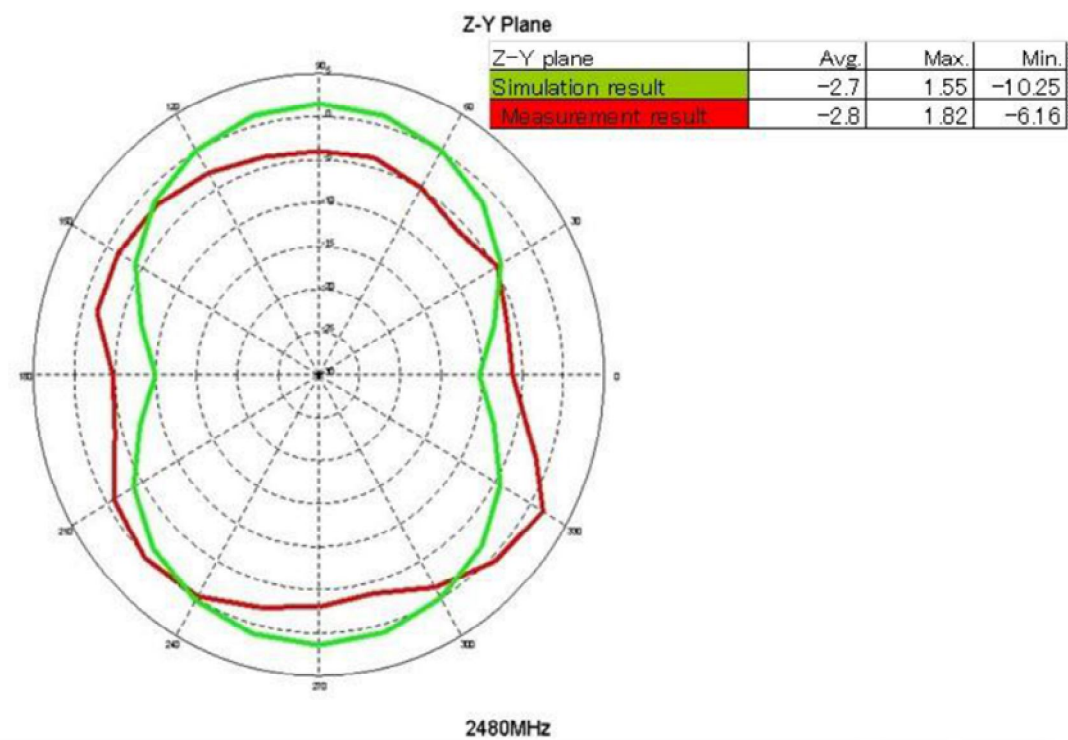
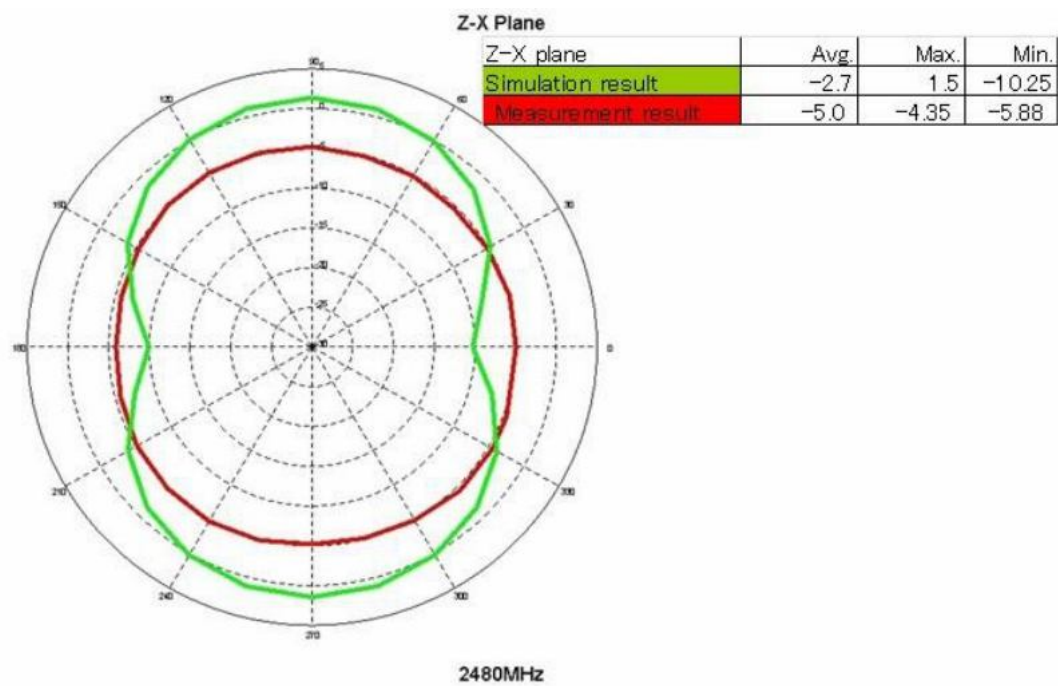
X-Y Plane

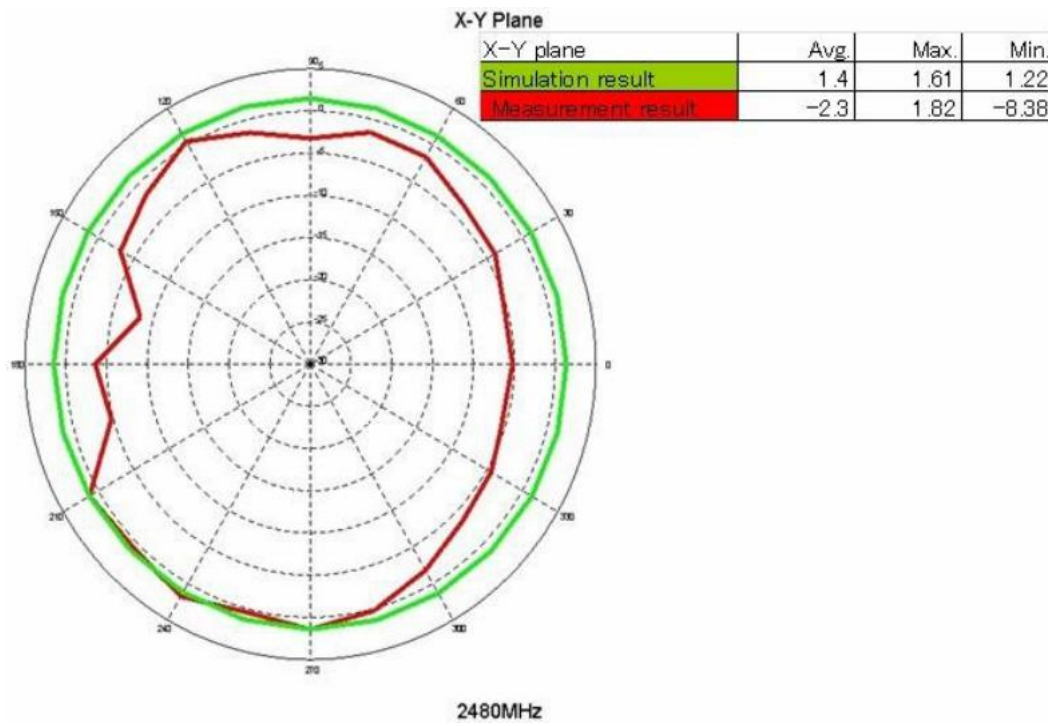


X-Y plane	Avg.	Max.	Min.
Simulation result	1.4	1.55	1.17
Measurement result	-1.8	2.21	-7.64

2440MHz

Radiation pattern @2.480GHz Power (dBi): Max: 5 Min: -30 Scale: 5/div





Antenna size

Unit: mm

