

Camera WIFI Antenna Performance Report

Model : KC36D10
Antenna Type : PCB

Content

- Product / Antenna Overview

- Test Results

- ReturnLoss
- VSWR
- Gain Data
- Radiation Pattern

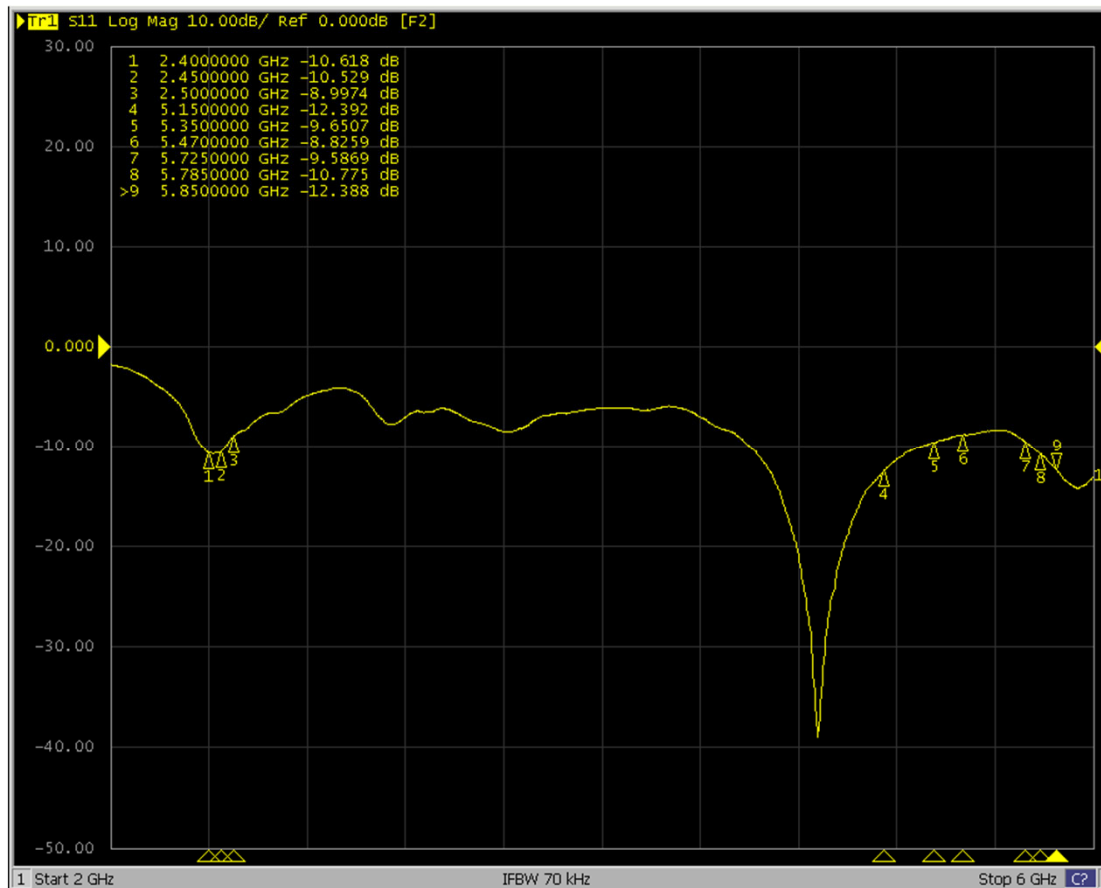
Antenna Environment / Photo

Antenna environment description

1. Antenna Size Range : $< X * Y * Z > : 22.4 * 8.5 * 1.2$ (mm)(On Board)
2. Frequency : 2400-2500 / 5150-5850 MHz

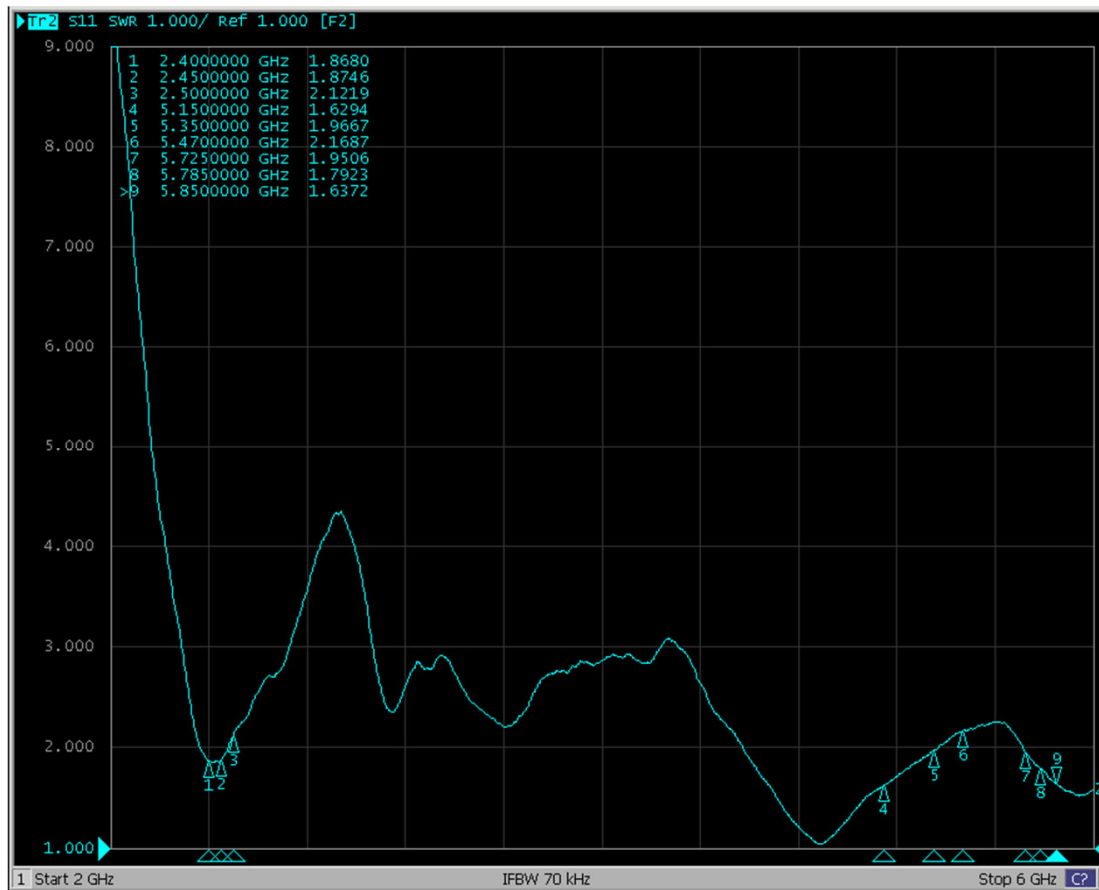


Test Results – ReturnLoss



Freq.(MHz)	Return Loss (dB)
2400	-10.61
2450	-10.52
2500	-8.99
5150	-12.39
5350	-9.65
5470	-8.82
5725	-9.58
5785	-10.77
5850	-12.38

Test Results – VSWR

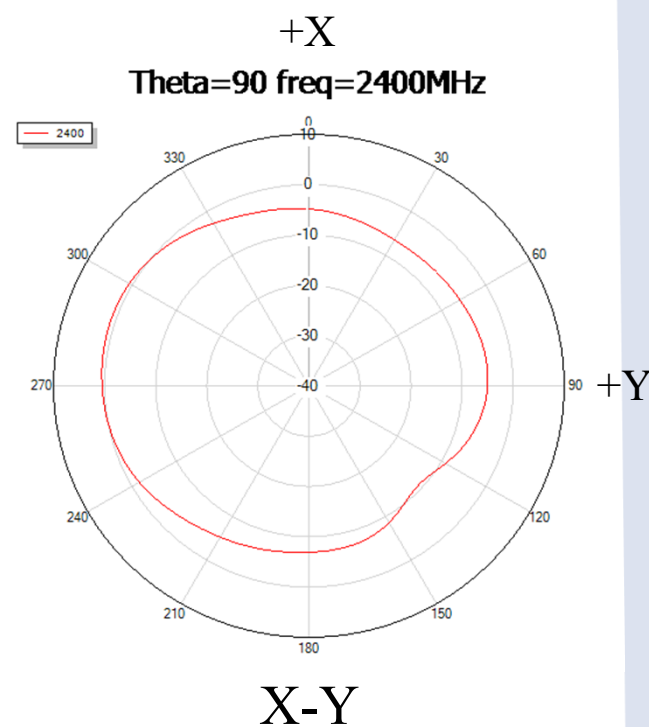
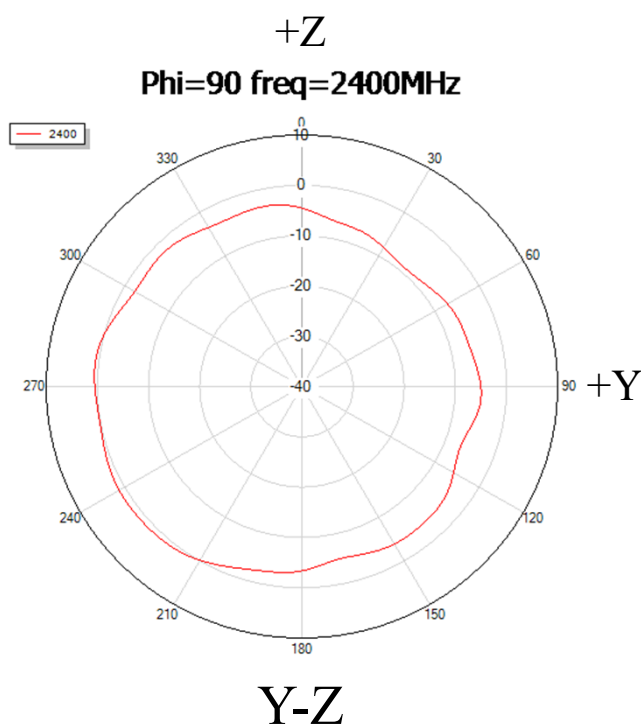
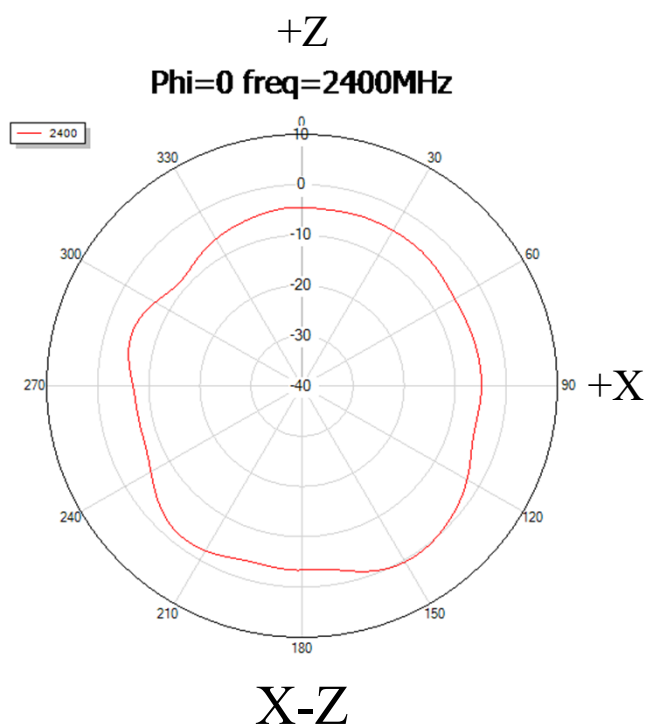
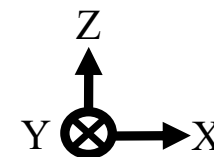


Freq.(MHz)	Return Loss (dB)
2400	1.86
2450	1.87
2500	2.12
5150	1.62
5350	1.96
5470	2.16
5725	1.95
5785	1.79
5850	1.63

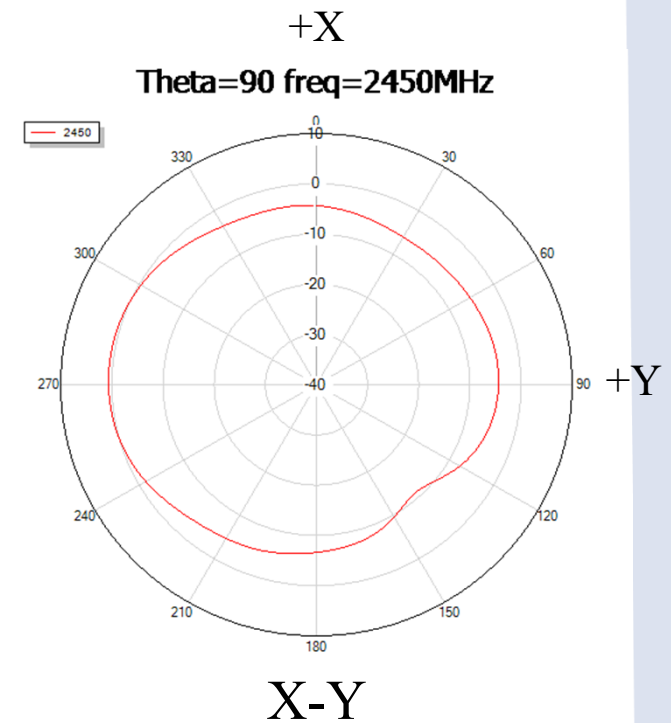
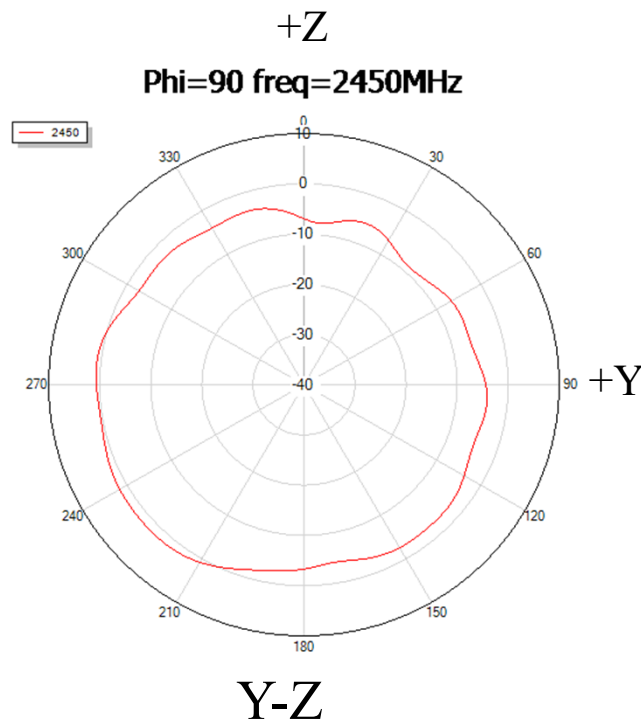
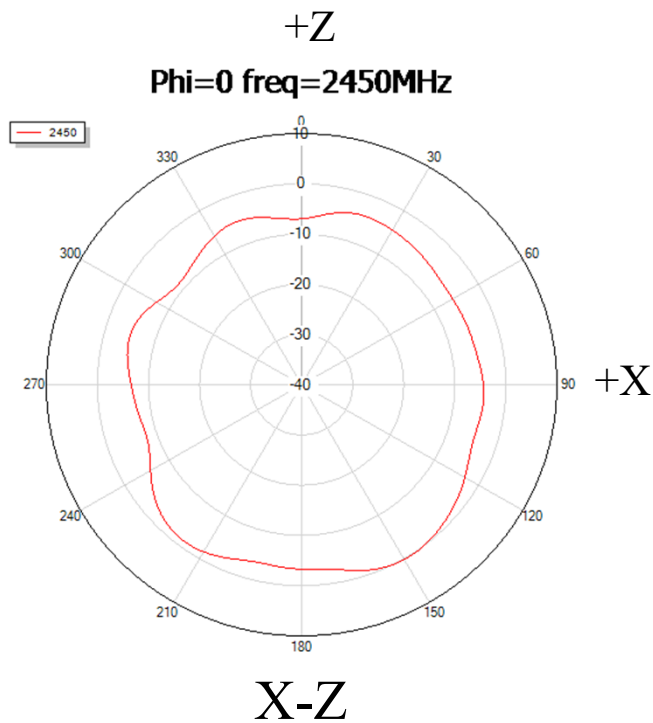
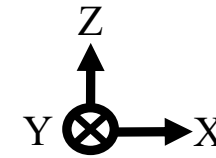
Test Results – Gain Data

KC36D10 WIFI Antenna			
Freq.(MHz)	Efficiency (dB)	Efficiency (%)	Peak Gain (dBi)
2400	-3.11	48.82	1.65
2450	-2.91	51.12	1.96
2500	-3.15	48.45	2.43
5150	-2.45	56.90	4.06
5350	-2.77	52.83	3.75
5470	-3.32	46.57	3.04
5725	-3.09	49.06	1.99
5785	-2.83	52.10	2.01
5850	-3.00	50.11	2.02

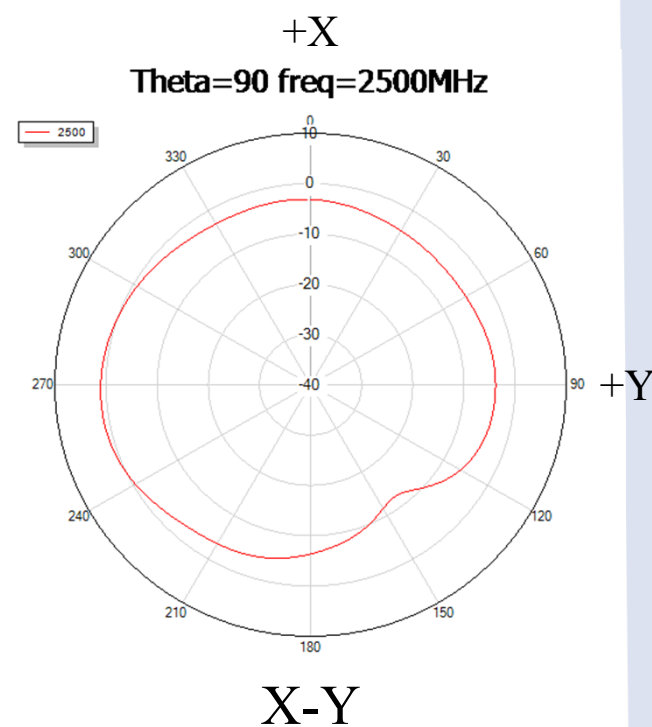
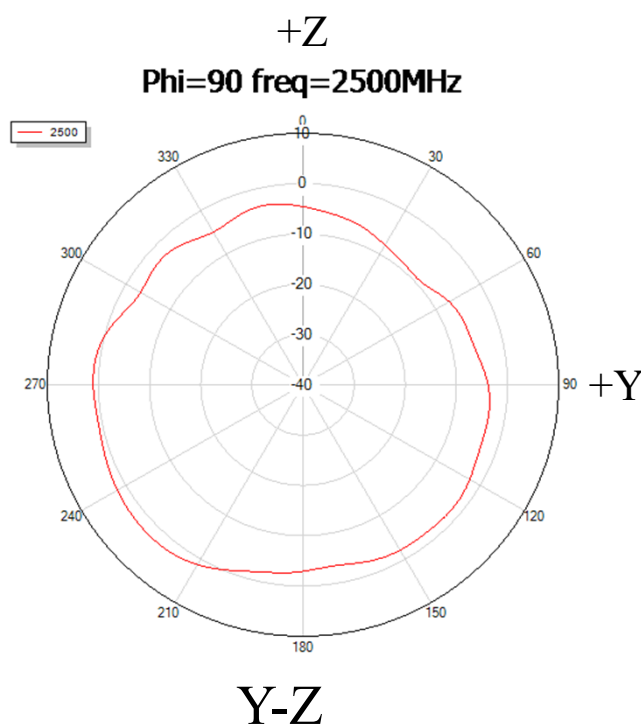
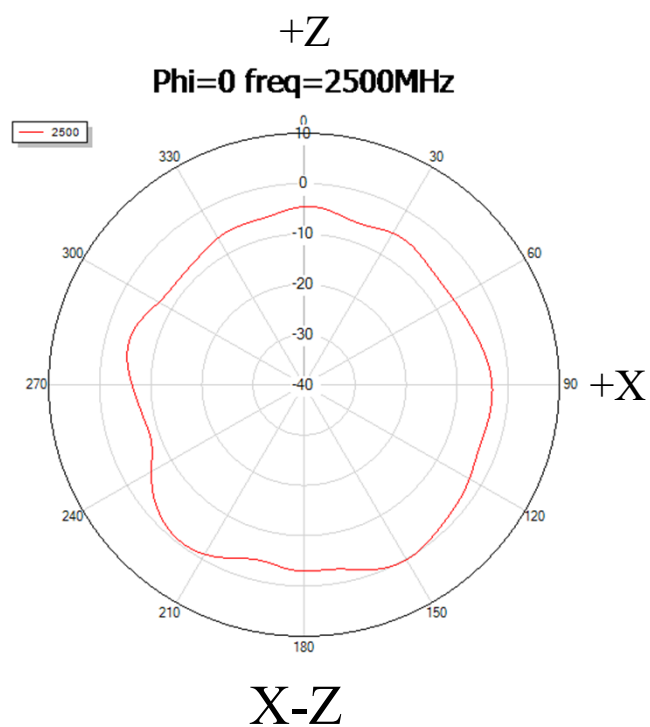
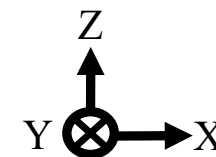
Test Results –2D Radiation Pattern



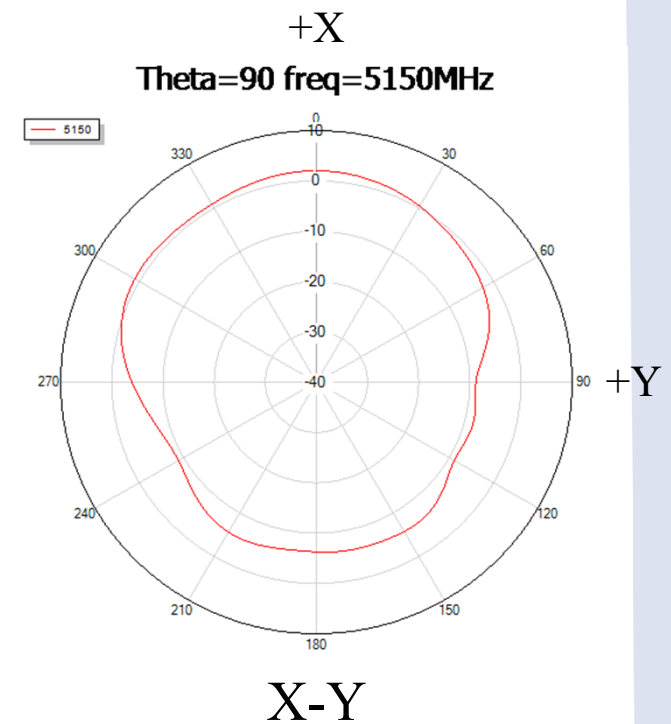
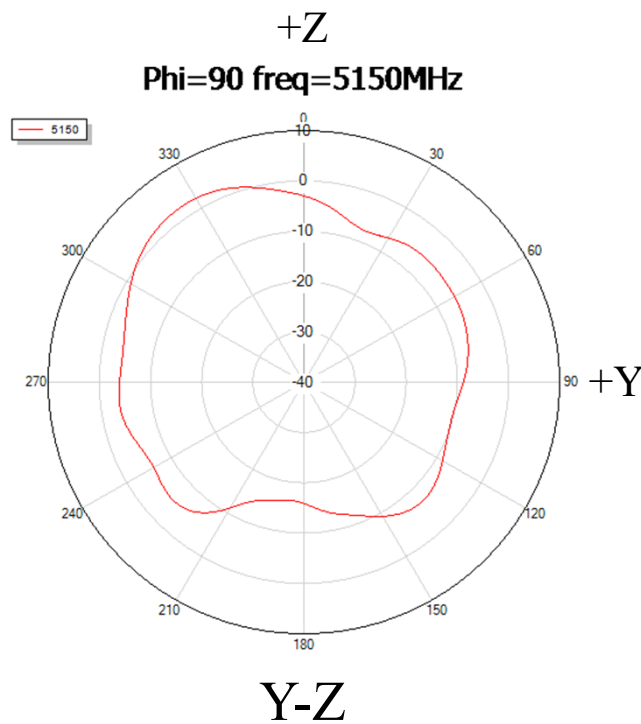
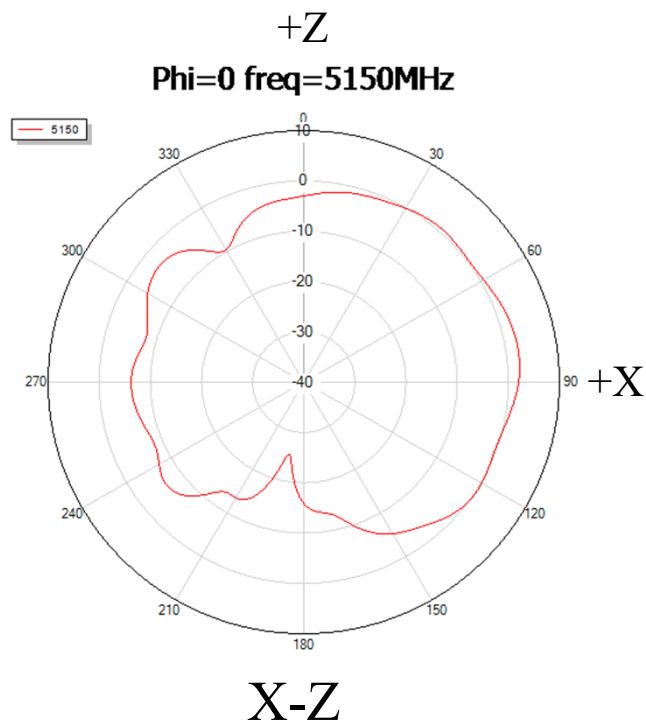
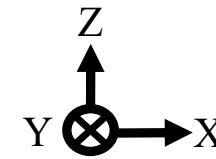
Test Results –2D Radiation Pattern



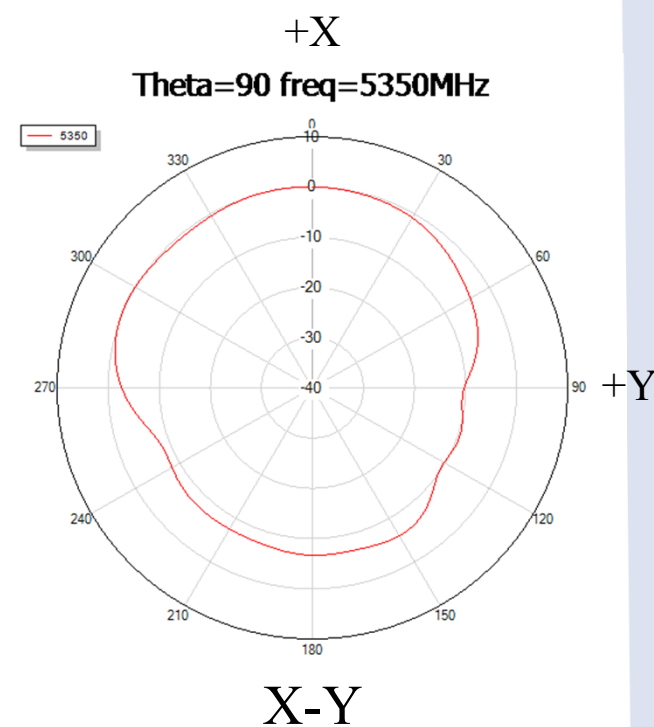
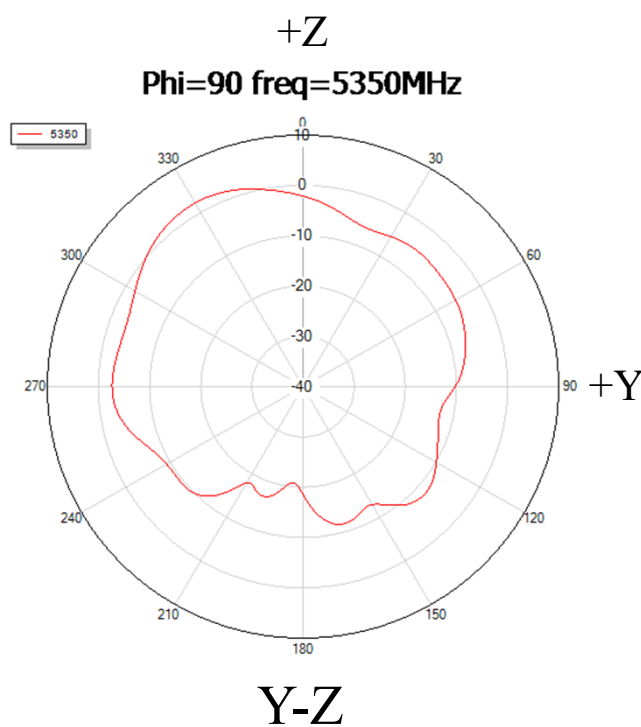
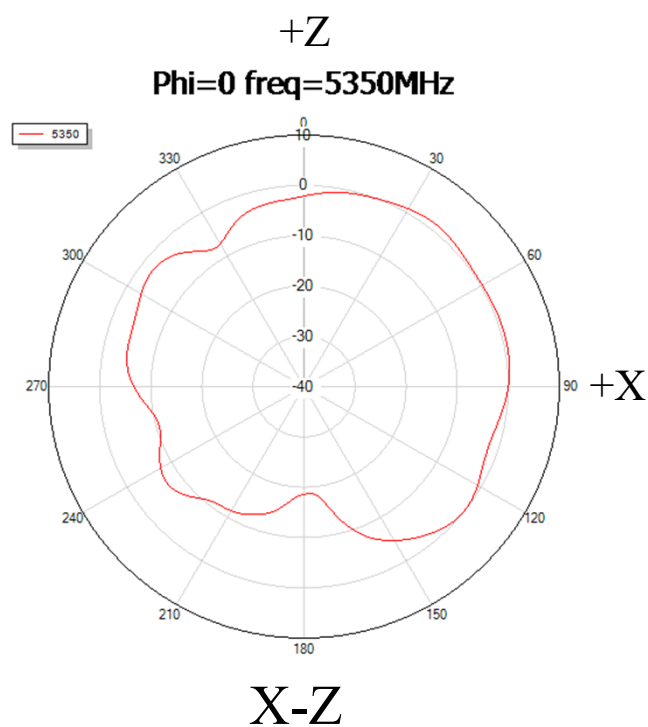
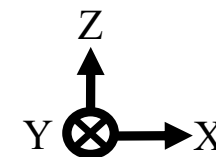
Test Results –2D Radiation Pattern



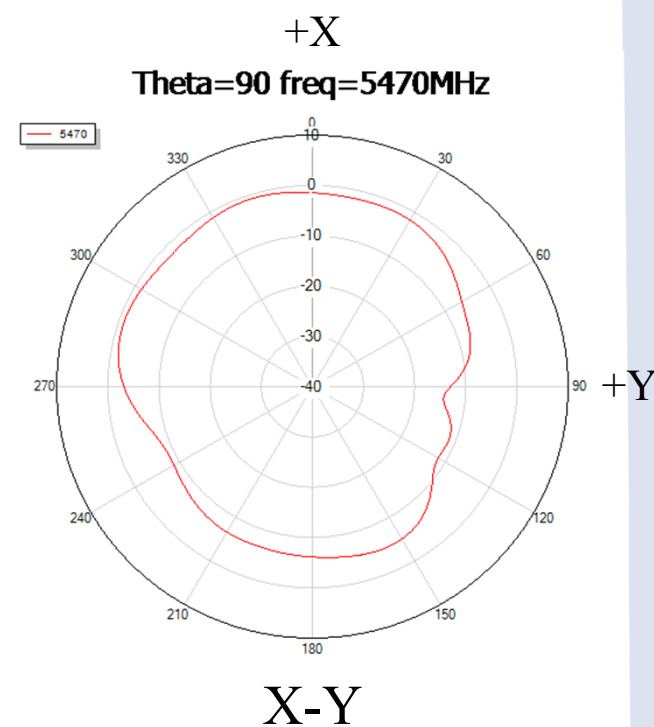
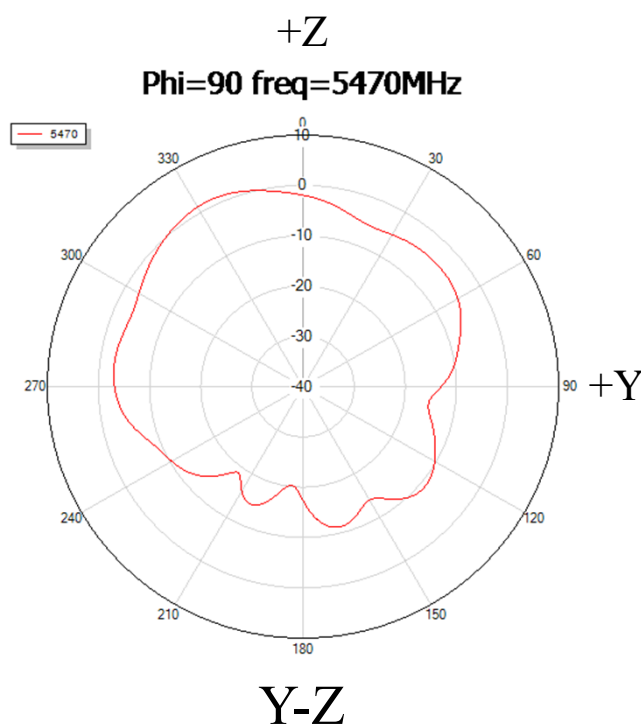
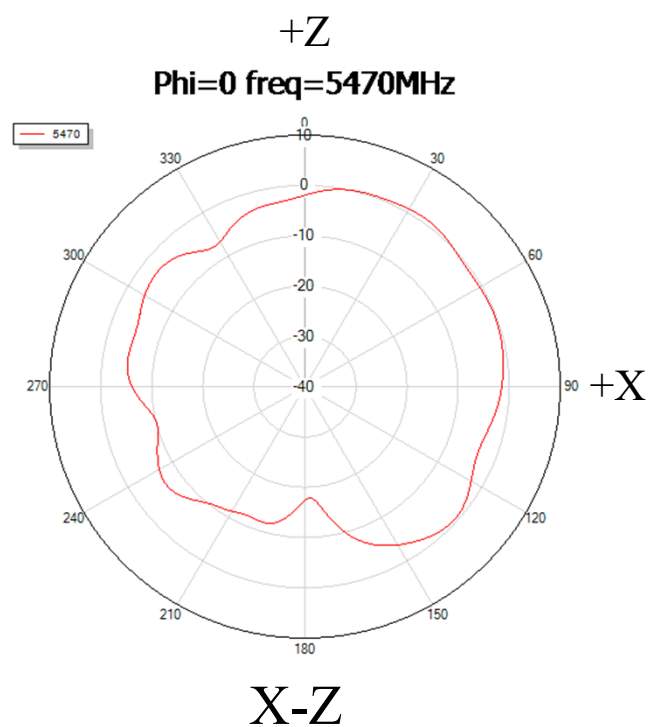
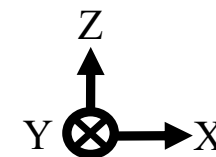
Test Results –2D Radiation Pattern



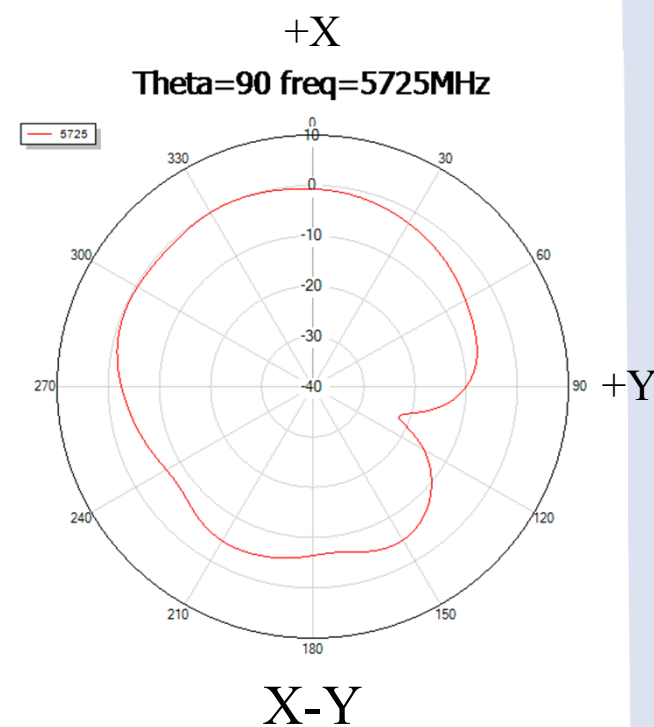
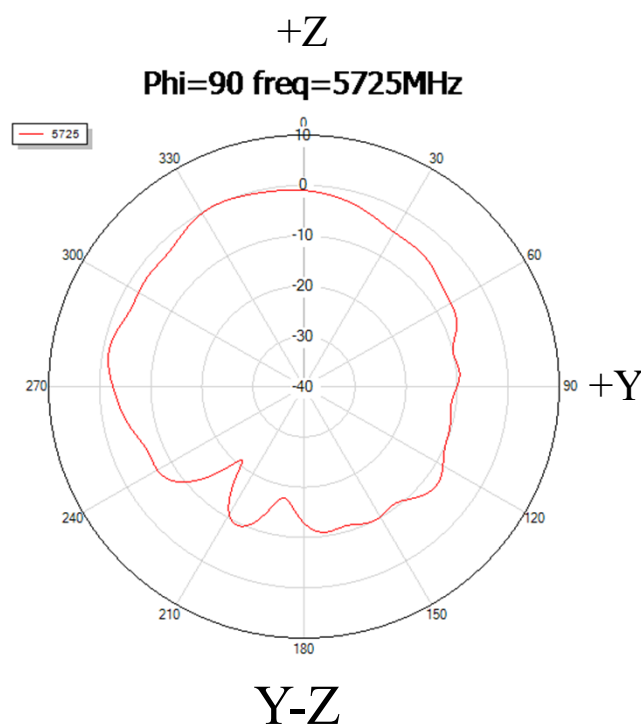
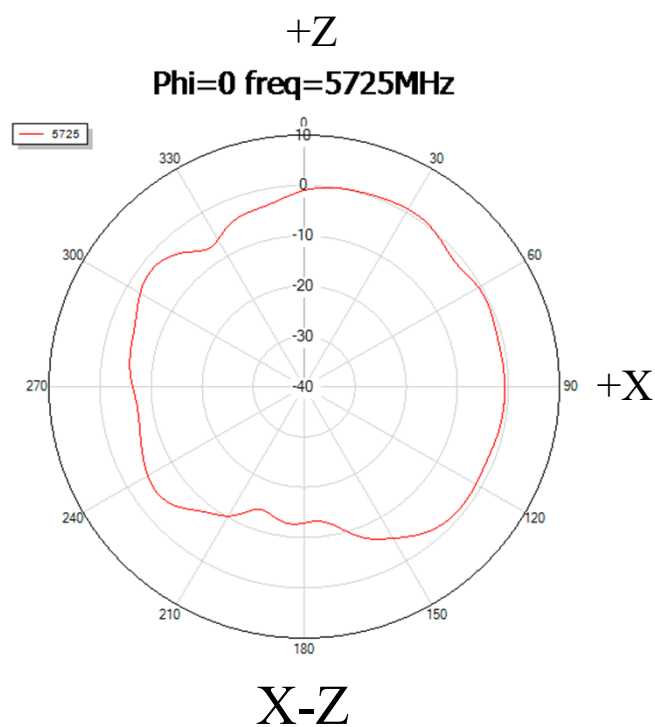
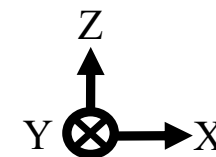
Test Results –2D Radiation Pattern



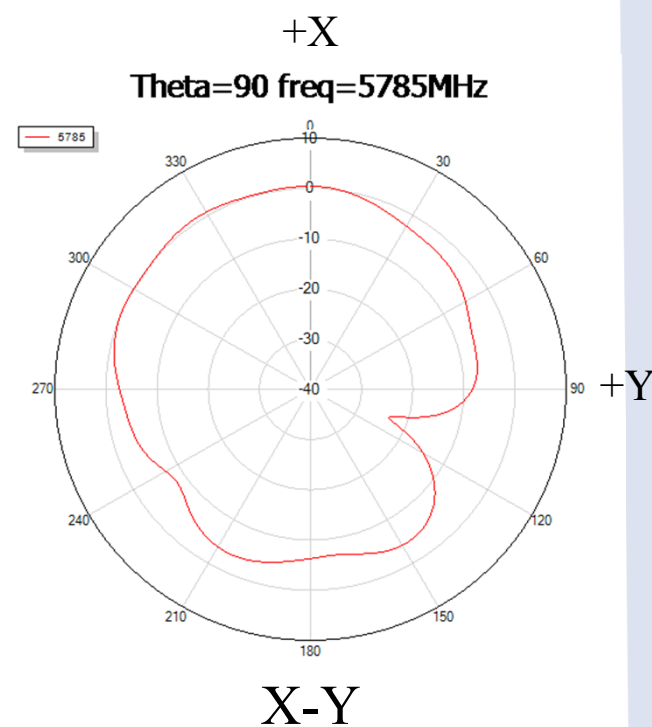
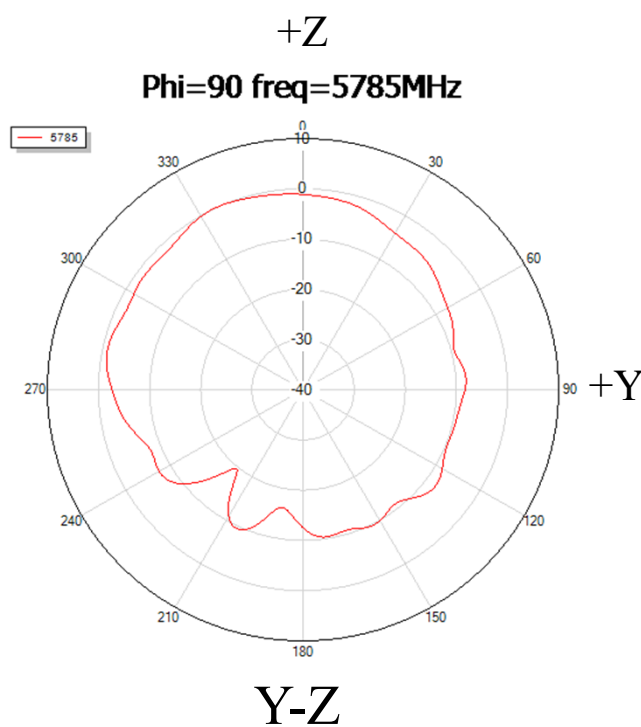
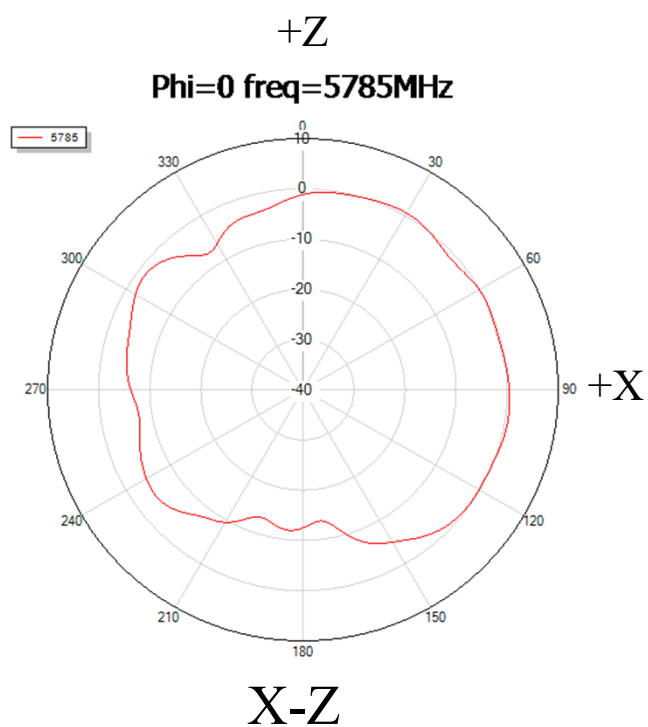
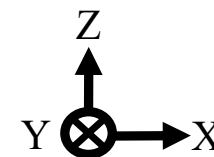
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