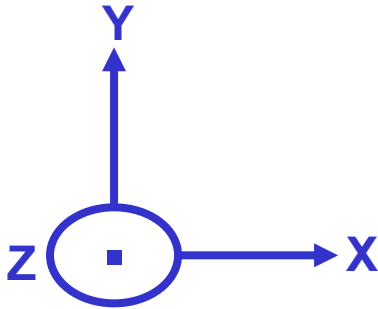




1. Experimental Setup (Printed antenna)



- Measurement Item :

- a. Return loss
- b. Radiation pattern

- Return Loss :

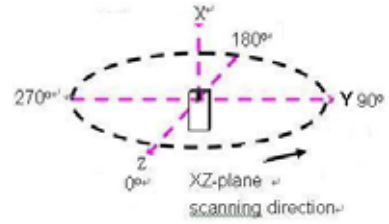
- a. Instrument : vector network analyzer – Agilent N5230A
- b. Calibration method : SOLT

- 3D Radiation Pattern :

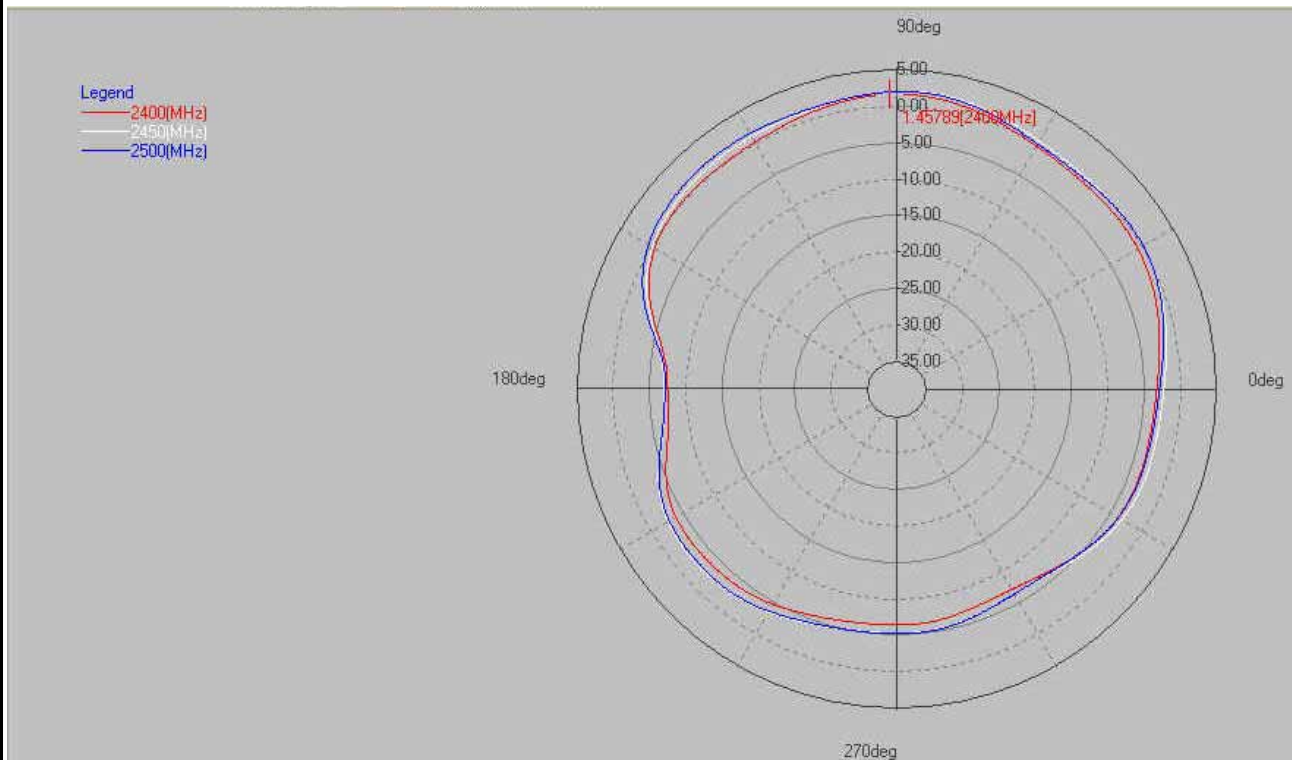
- a. Instrument: Satimo StarLab



Y-Z Plane



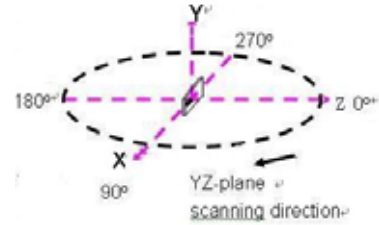
TOTAL



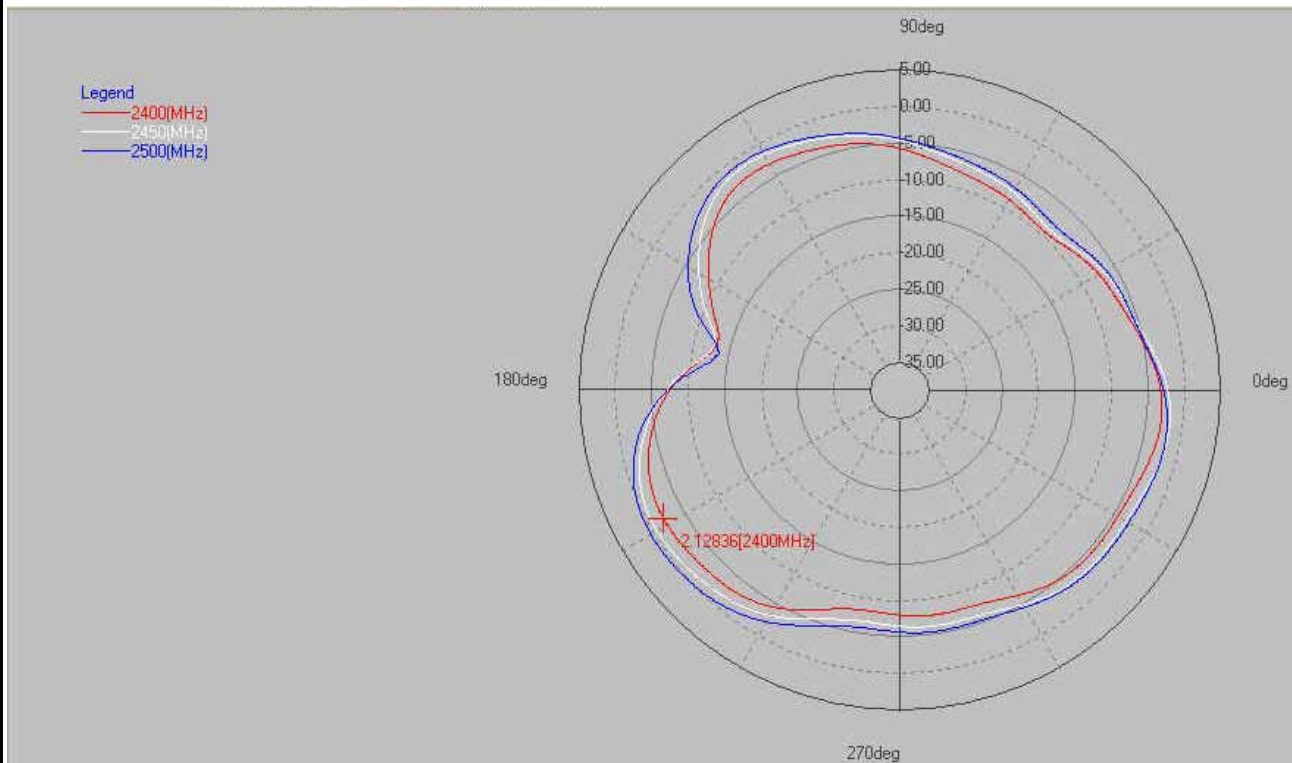
Frequency(GHz)	Max Value(dBi)	Average(dBi)
2.4	1.46	-2.24
2.45	1.91	-1.5
2.5	1.83	-1.15



X-Z Plane



TOTAL



Frequency(GHz)	Max Value(dBi)	Average(dBi)
2.4	-2.13	-5.39
2.45	-0.52	-4.11
2.5	0.44	-3.53

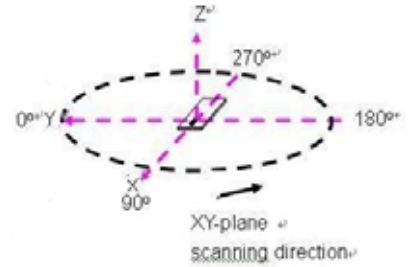


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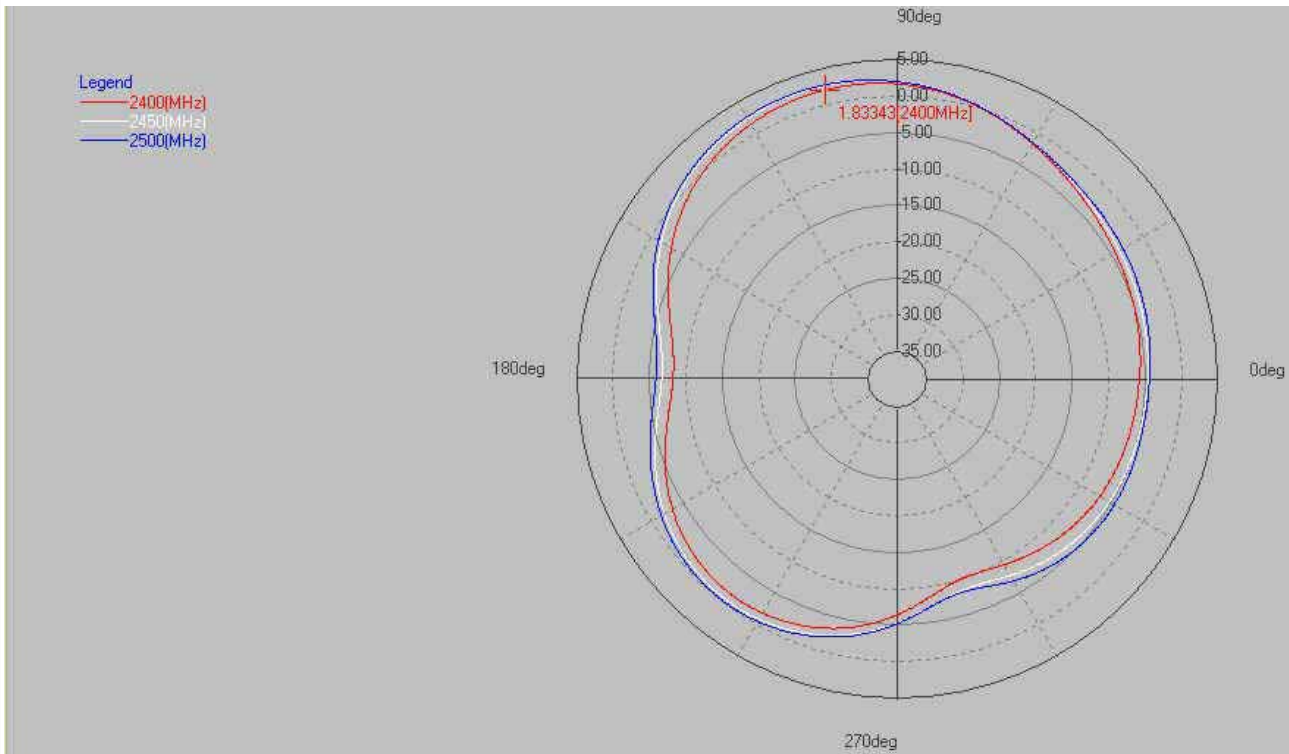
Version: 1

Page - 41

X-Y Plane



TOTAL



Frequency(GHz)	Max Value(dBi)	Average(dBi)
2.4	1.83	-2.79
2.45	2.5	-1.91
2.5	2.65	-1.63