

Data Sheet Antenna Testing

Report Number : 2409041- MOXI Sensor

Date of issue : 2024-9-22

Total number of pages : 3

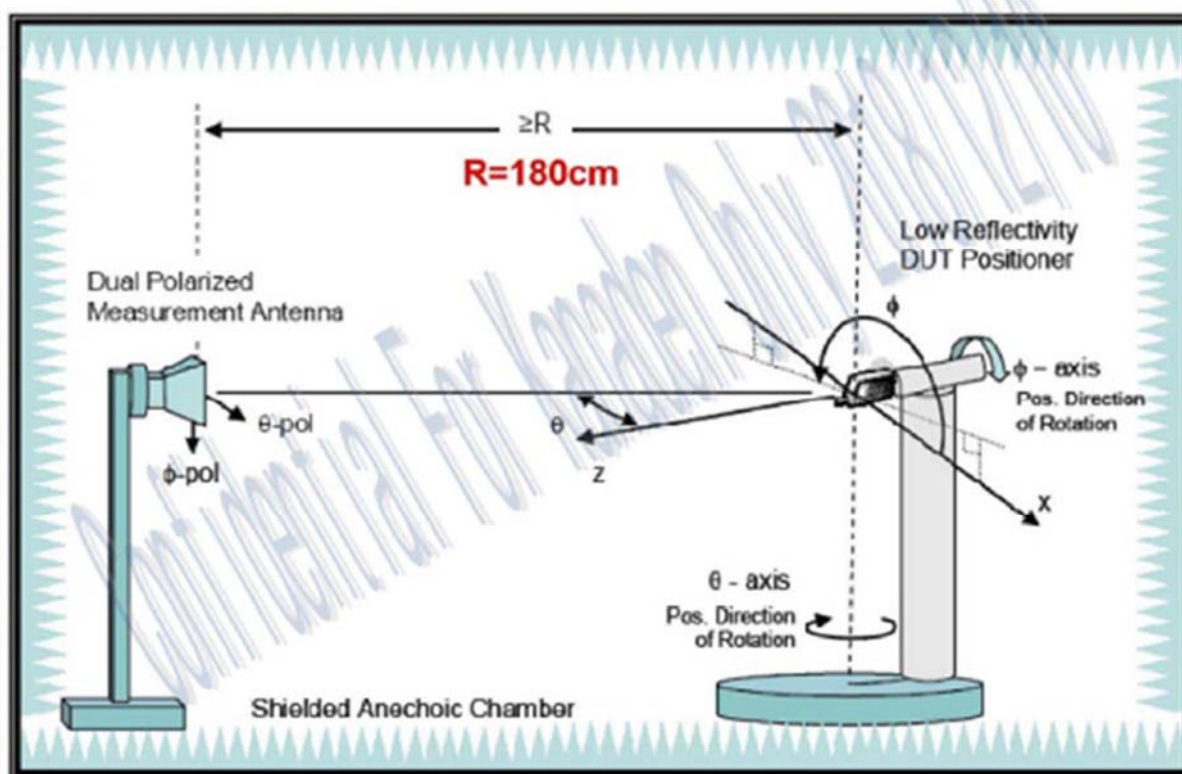
Antenna OTA Test

Test Equipment :

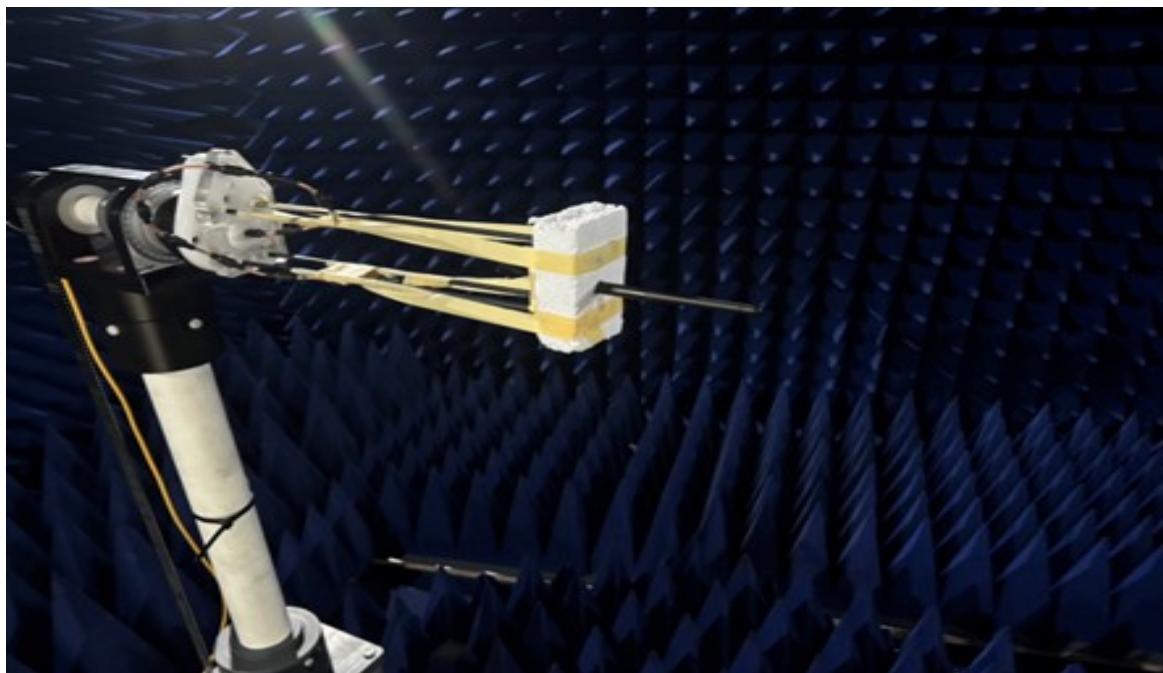
Model	Type	Frequency (MHz)	Gain(dBi)
YSI-RP2.4G3D109	MOXI Sensor	2.480 GHz	2.468 dBi (Max)

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1. Test System



2. Antenna Under Test

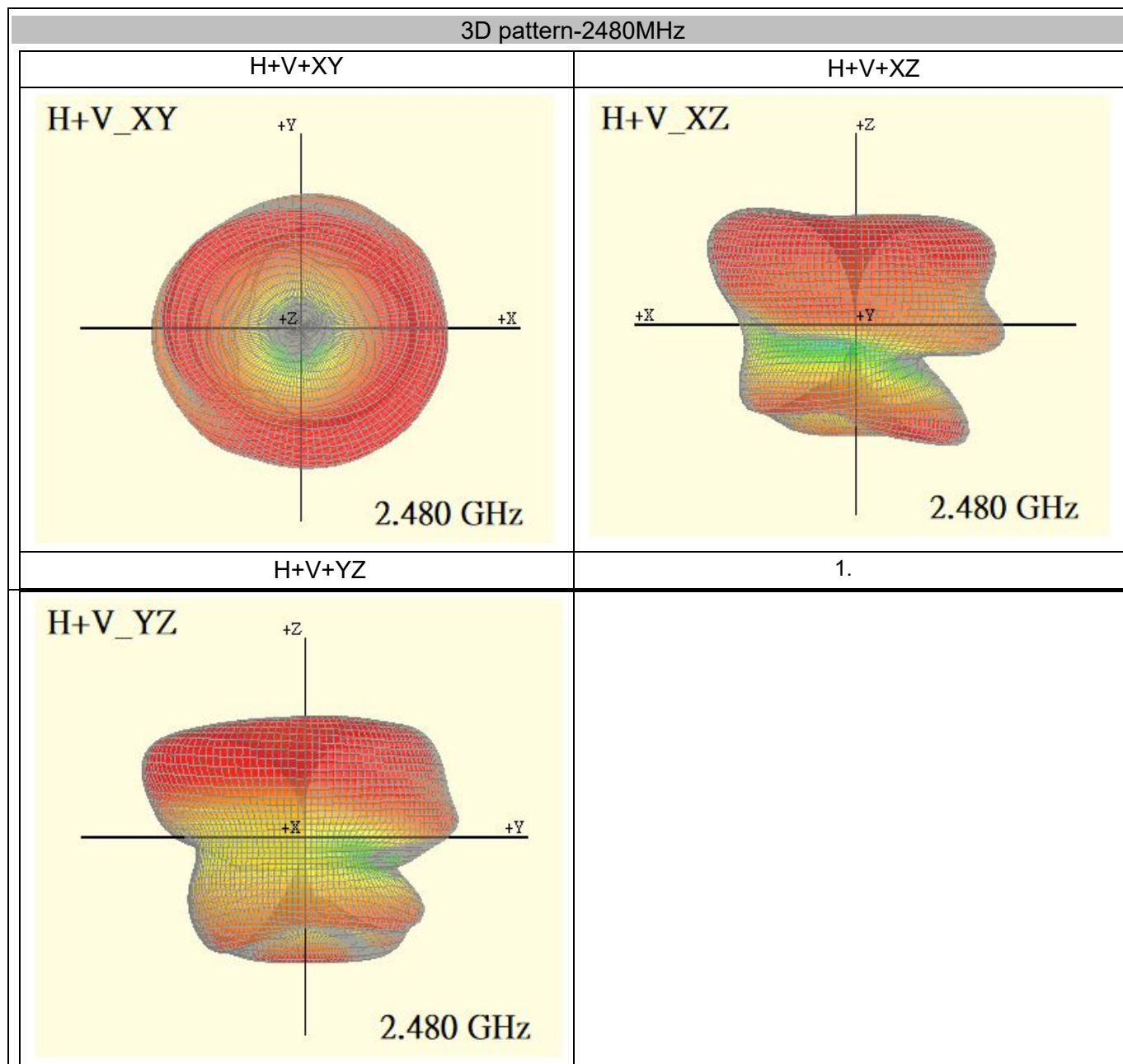


3. Gain table

Total Polarization

Frequency (Hz)	Tot. Rad. Pwr. (dBm)	Peak EIRP (dBm)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2.400 GHz	-1.458	2.444	3.902	-1.458	71.48	2.444
2.402 GHz	-1.479	2.429	3.908	-1.479	71.145	2.429
2.410 GHz	-1.512	2.373	3.885	-1.512	70.604	2.373
2.420 GHz	-1.36	2.443	3.803	-1.36	73.111	2.443
2.430 GHz	-1.308	2.403	3.711	-1.308	73.996	2.403
2.440 GHz	-1.46	2.223	3.683	-1.46	71.448	2.223
2.450 GHz	-1.694	2.086	3.78	-1.694	67.705	2.086
2.460 GHz	-1.831	2.062	3.893	-1.831	65.605	2.062
2.470 GHz	-1.805	2.229	4.034	-1.805	65.996	2.229
2.480 GHz	-1.767	2.468	4.235	-1.767	66.567	2.468

4. 3D pattern-2480MHz



— — — The End of Test Report — — —