

Antena Test Report



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Client Name : Hitchcock

Project Name : On-board antenna

Frequency Band : WIFI2.4G/BT

Version : A

Production Date : 2024-4-27

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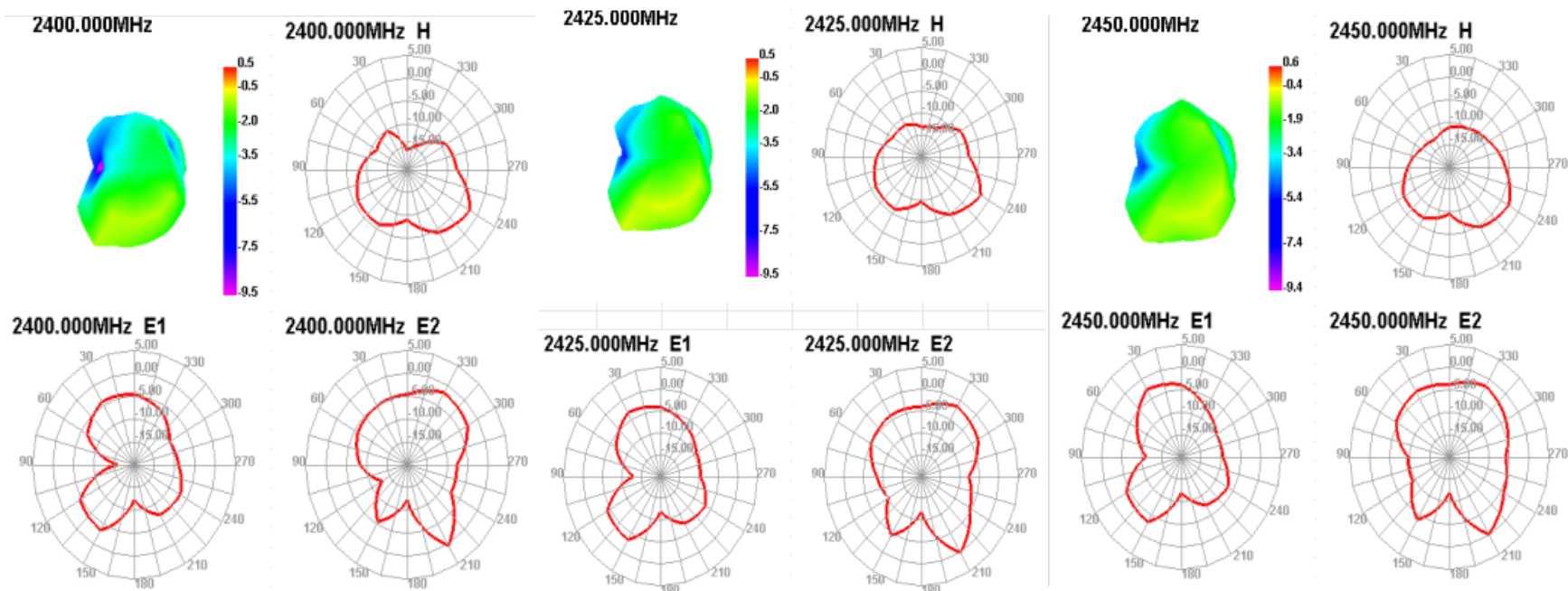
Test system

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



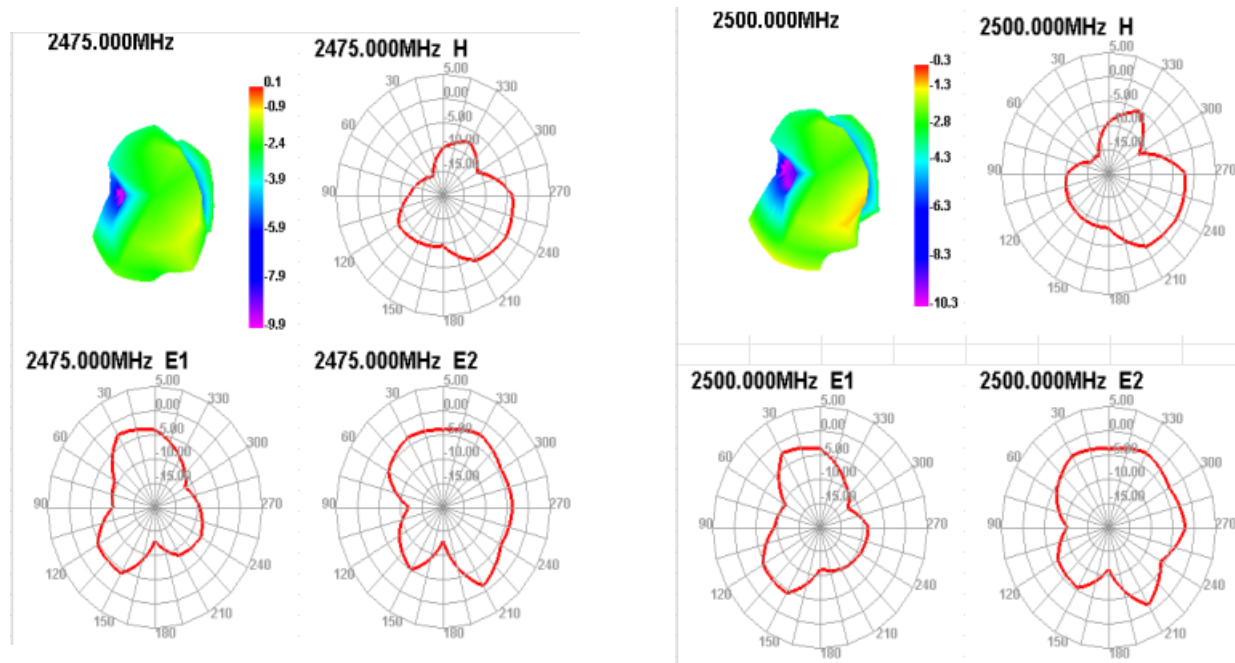
Gain & Efficiency

Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	29.09	-5.36	0.48	-1.67	14.789	14.304	0.48	-15.93	5.85	30	47.77	47.82
2425	30.46	-5.16	0.45	-1.7	15.679	14.776	0.45	-16.47	5.61	30	48.06	48.12
2450	31.07	-5.08	0.65	-1.5	15.655	15.413	0.65	-18.2	5.73	30	48.56	48.53
2475	28.37	-5.47	0.07	-2.08	13.757	14.615	0.07	-17.44	5.54	30	48.46	48.26
2500	29.93	-5.24	-0.31	-2.46	14.505	15.424	-0.31	-15.67	4.93	30	48.42	48.12

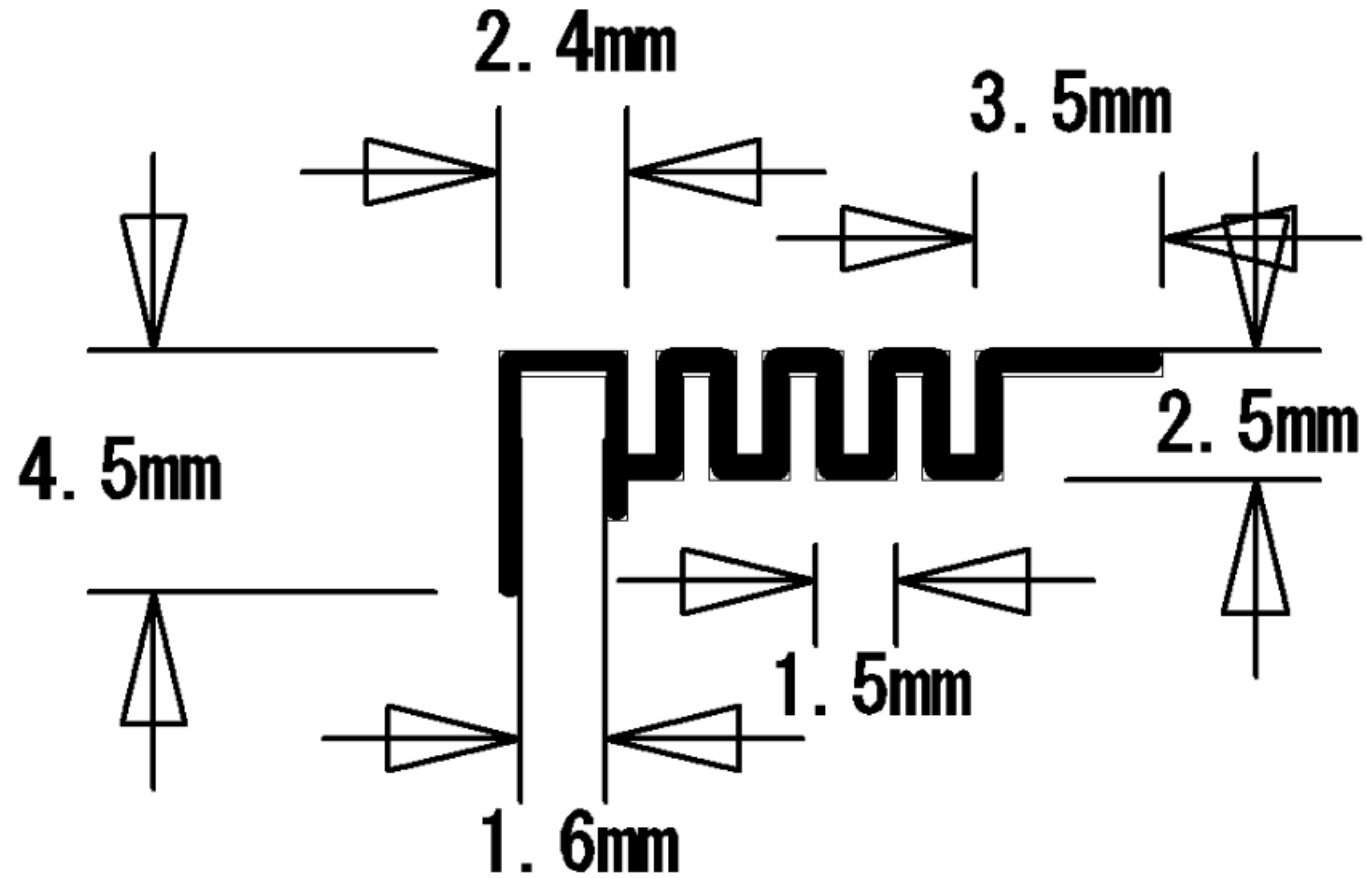


Gain & Efficiency

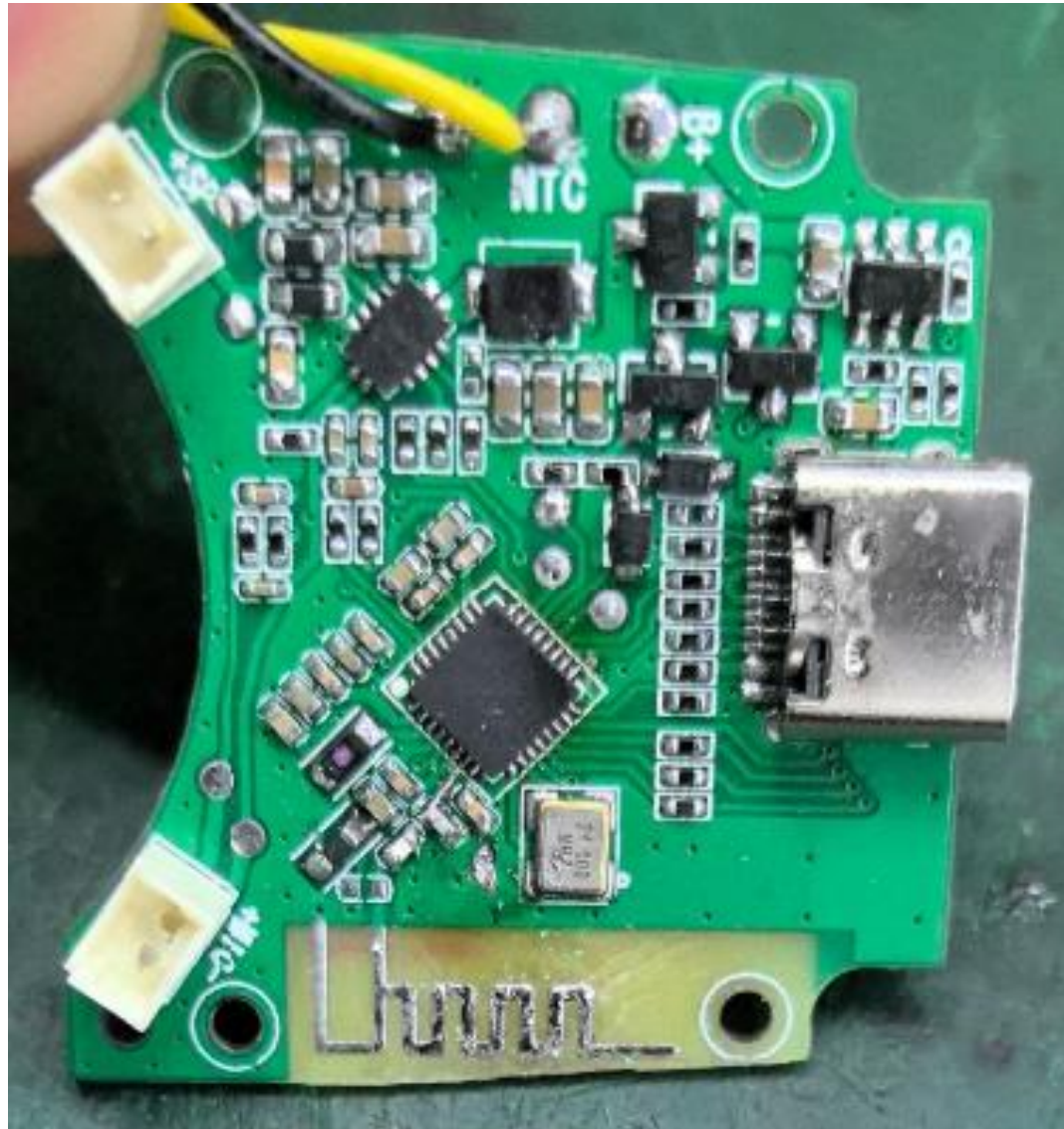
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Antenna position map



Antenna position map



Thank you for your support



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Thanks

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