

# Shenzhen Zhisheng Technology Co., LTD

Second floor, Building 5, Jiuyang Industrial Park, Heping Village, Fuyong Town, Baoan District, Shenzhen

## SPECIFICATION FOR APPROVAL

Name: WIFI/BT

Item No: TX2506G-1

Custoer name: \_\_\_\_\_

Company stamp: \_\_\_\_\_

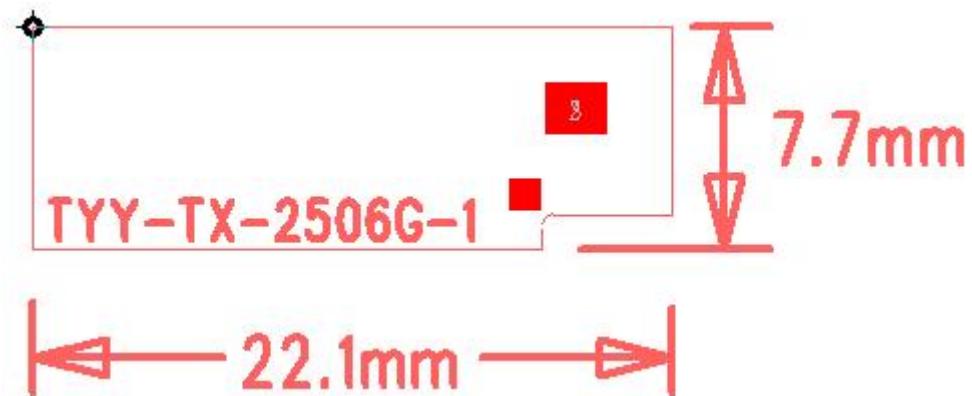
drawing			Customer approve
MADE	CHECKED	APPROVED	
QIU			
DATE: 2023.10.25			DATE

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## View 1 TX2506G-1

Antenna Type: FPCB Antenna

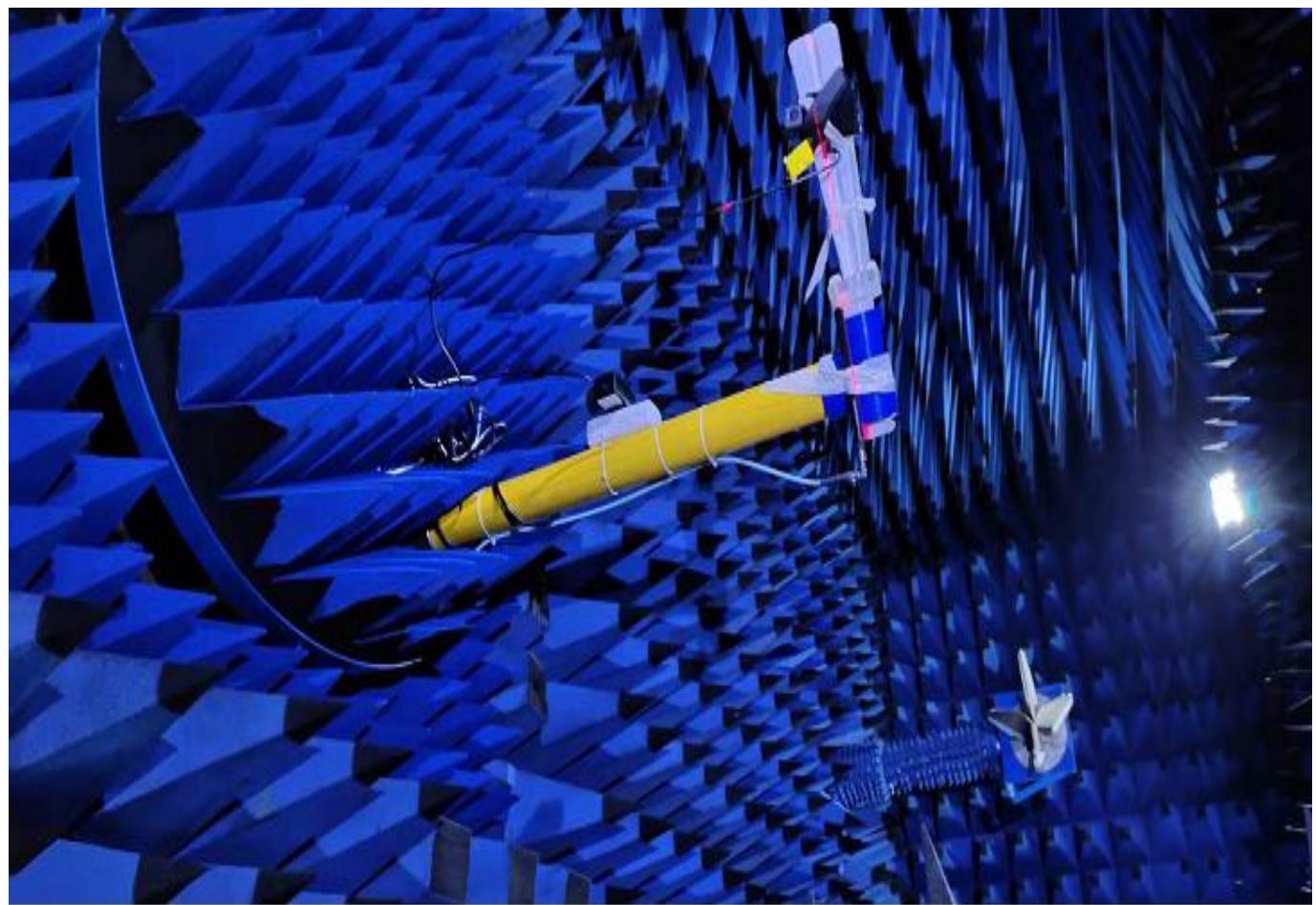


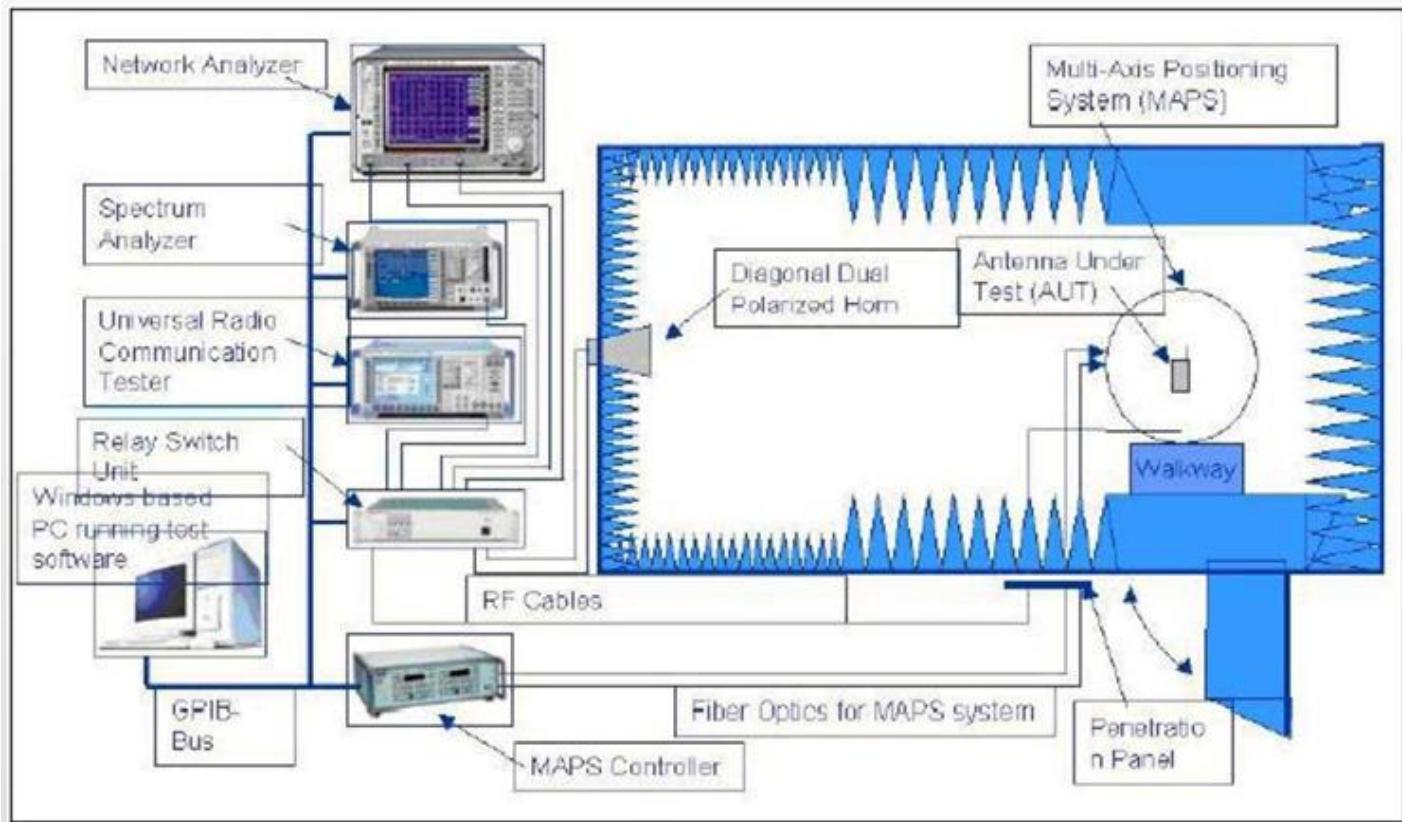
## View 2 TX2506G-1 ( 140mm/+2mm )



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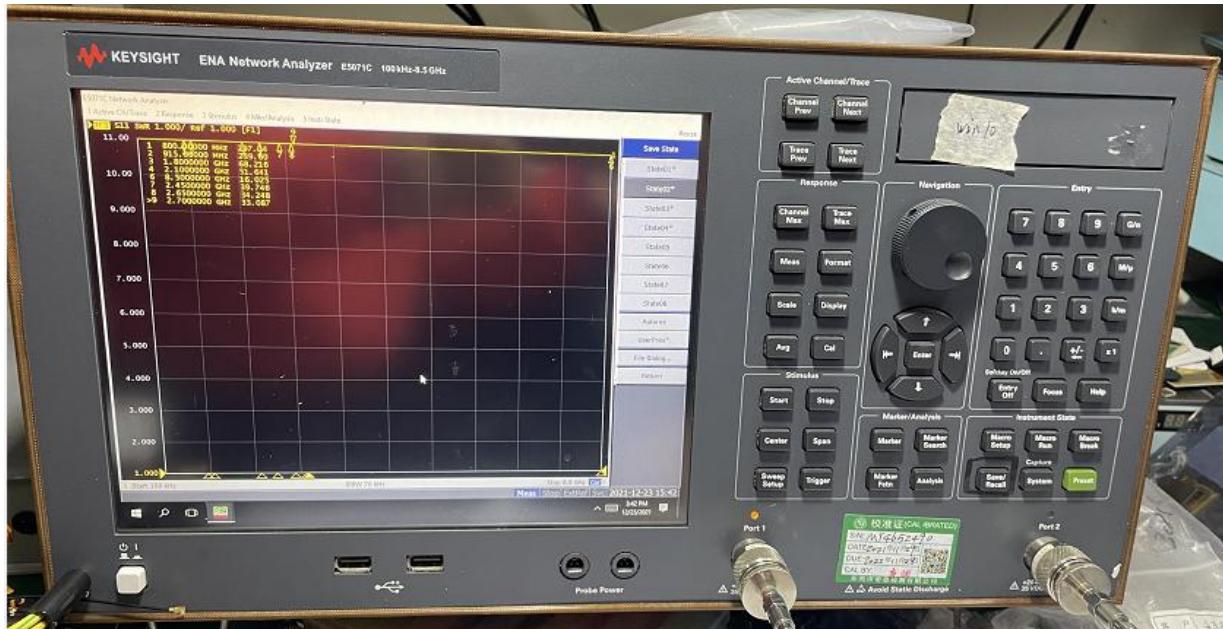
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## 2.3 VSWR

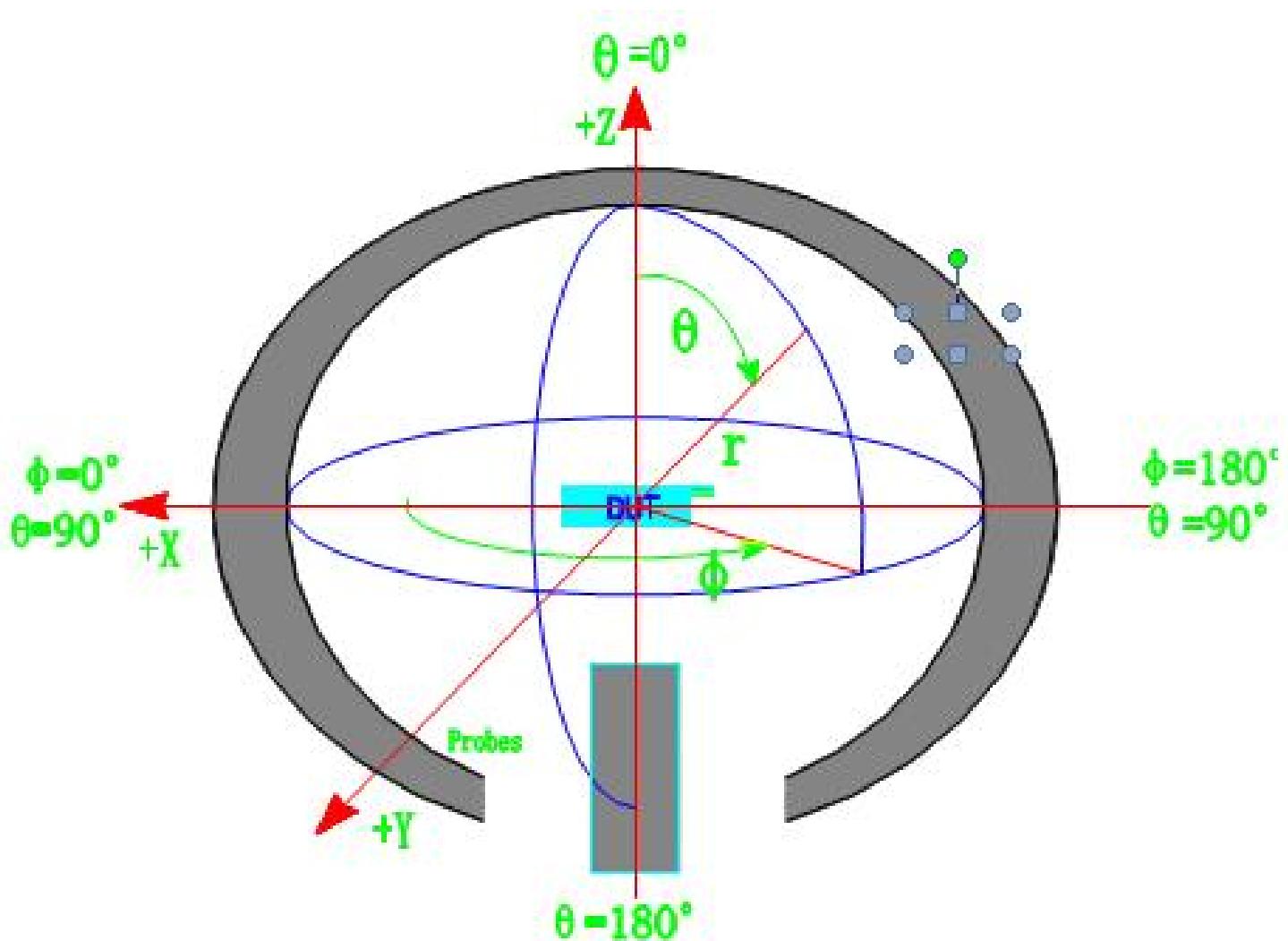


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Frequency(MHz)	2412	2480	2500	5700	5800
VSWR	1.1	1.1	1.2	1.6	2.0

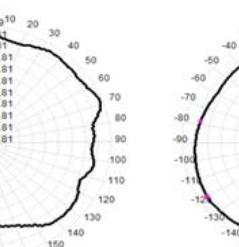
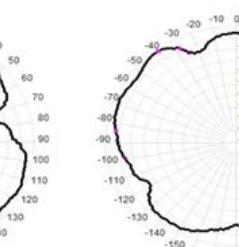
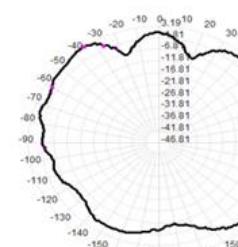
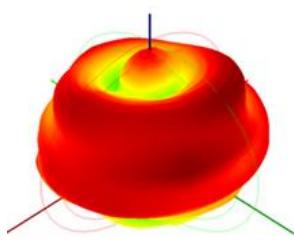
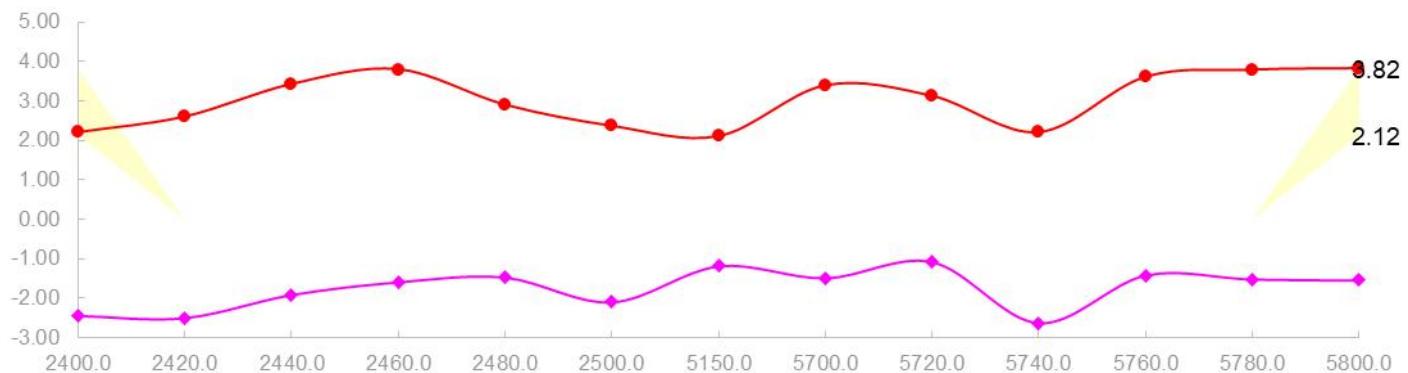
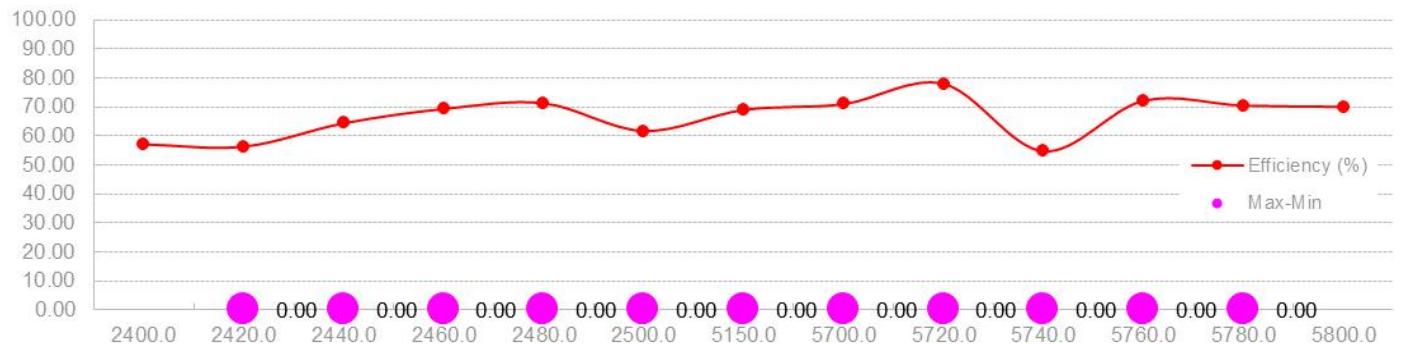
## 3、3D



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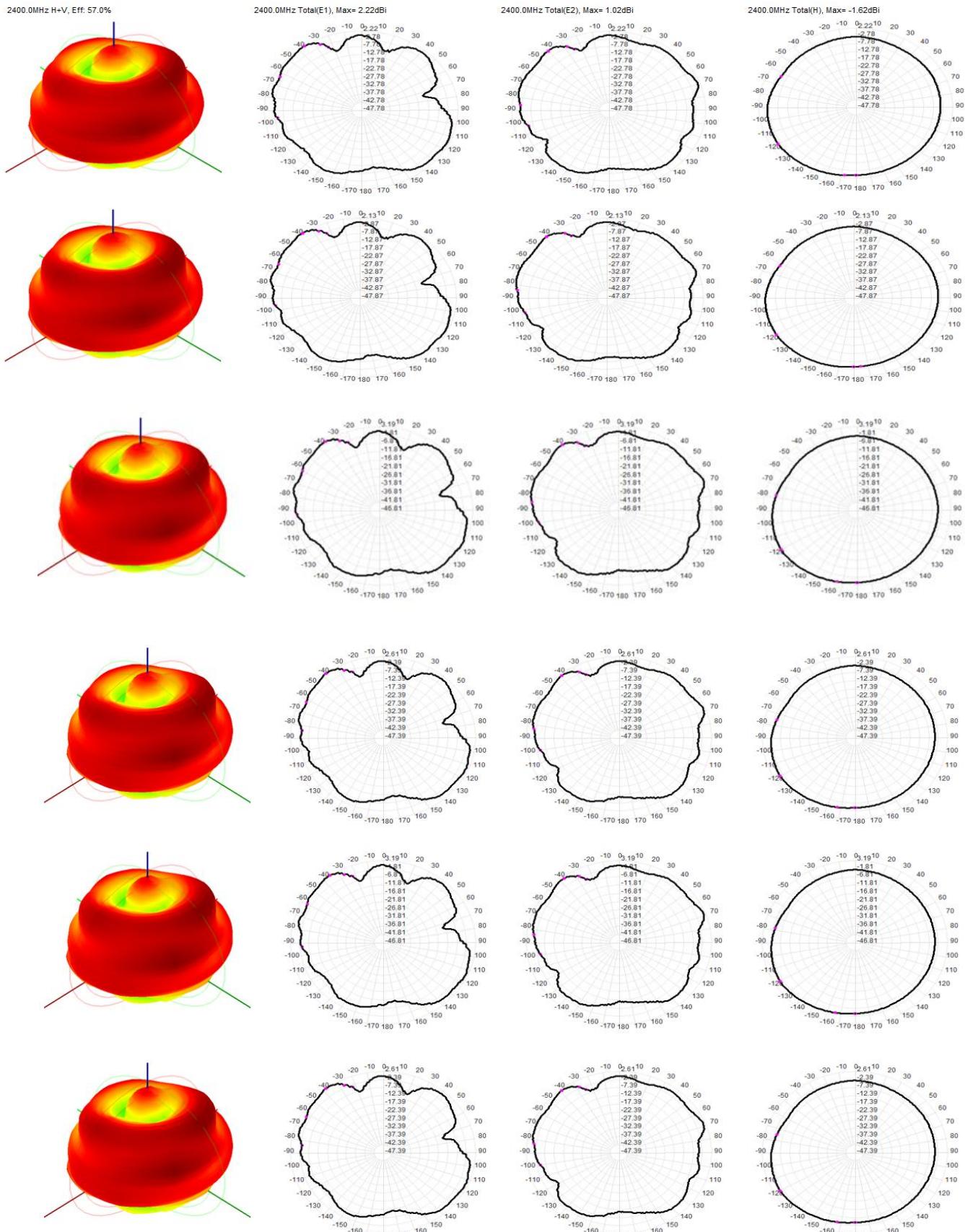
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Frequency ID	1	3	5	7	9	11	12	12	14	16	18	20	22
Frequency (MHz)	2400.0	2420.0	2440.0	2460.0	2480.0	2500.0	5150.0	5700.0	5720.0	5740.0	5760.0	5780.0	5800.0
Efficiency (dB <sub>i</sub> )	-2.44	-2.50	-1.91	-1.59	-1.47	-2.10	-1.19	-1.49	-1.08	-2.62	-1.42	-1.52	-1.55
Gain (dBi)	2.22	2.61	3.43	3.80	2.91	2.38	2.12	3.39	3.13	2.22	3.61	3.78	3.82
Efficiency (%)	57.02	56.28	64.38	69.33	71.29	61.70	69.01	71.01	78.01	54.67	72.14	70.49	70.06
Directivity (dB)	4.66	5.11	5.34	5.39	4.38	4.48	4.28	4.88	5.21	4.85	5.03	5.30	4.37
Peak Gain Position (Theta)	144.00	141.00	144.00	124.00	144.00	145.00	86.00	80.00	127.00	79.00	86.00	141.00	81.00
Peak Gain Position (Phi)	180.00	180.00	180.00	210.00	180.00	180.00	90.00	90.00	90.00	90.00	270.00	60.00	90.00
Efficiency ThetaPol (%)	39.41	39.00	45.30	49.26	50.37	43.36	20.93	22.93	23.88	24.09	23.92	23.84	23.39
Efficiency PhiPol (%)	17.60	17.28	19.08	20.07	20.92	18.34	46.08	48.08	54.13	30.58	48.22	46.65	46.67
Upper Hem. Efficiency (%)	21.62	20.70	23.32	25.75	27.24	23.07	30.45	33.45	36.85	26.01	33.82	32.02	31.23
Lower Hem. Efficiency (%)	35.39	35.57	41.06	43.58	44.04	38.62	35.56	37.56	41.16	28.66	38.32	38.47	38.83



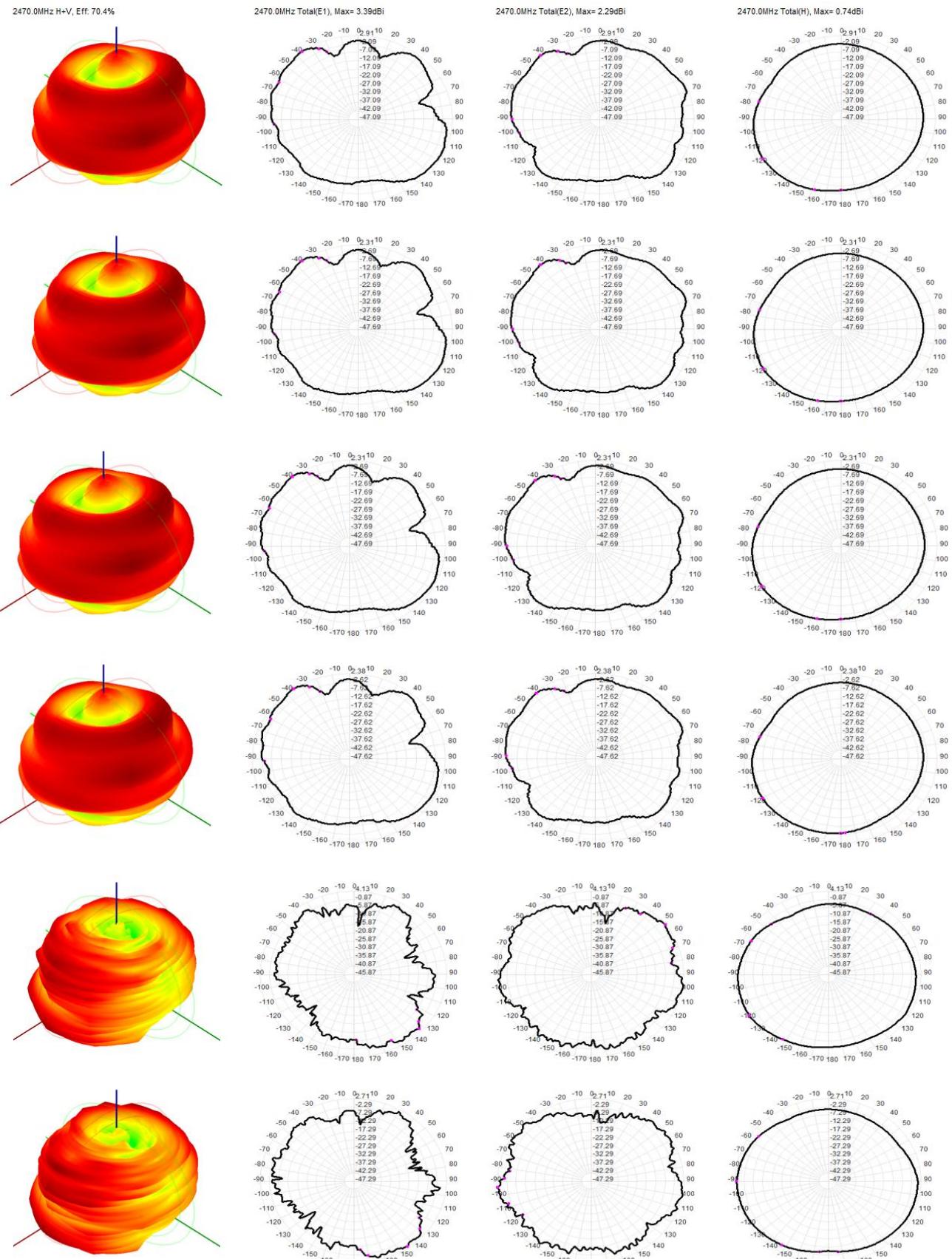
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