



深圳市凯普深通讯科技有限公司
Shenzhen cape deep communication technology co., LTD

ANTENA

test report

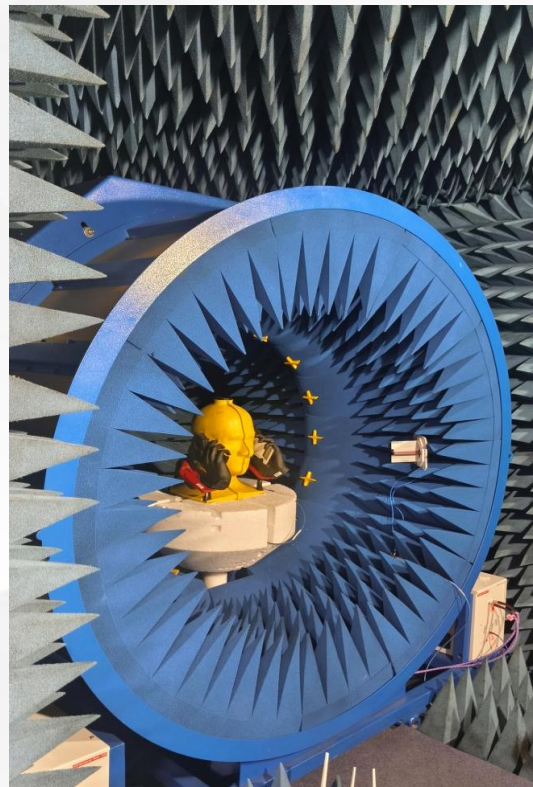


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Laboratory testing environment and equipment



Test item	Test equipment
S11、S12、VSWR、LOSS	Network analyzer-E5071B、E5071C
Efficiency、Gain 3D Radiation Pattern	Satimo SG16 darkroom、GP7*4*3 darkroom、One wave darkroom、E5071B、SP9500E、MT8862A
TRP、TIS	Satimo SG16 darkroom、GP7*4*3 darkroom、Onewave darkroom、8960、CMW500、M T8820C、E4438C、SP9500E、MT 8862A





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Project Testing Overview

Antenna type	PCB Antenna
Frequency band	2400-2500MHz



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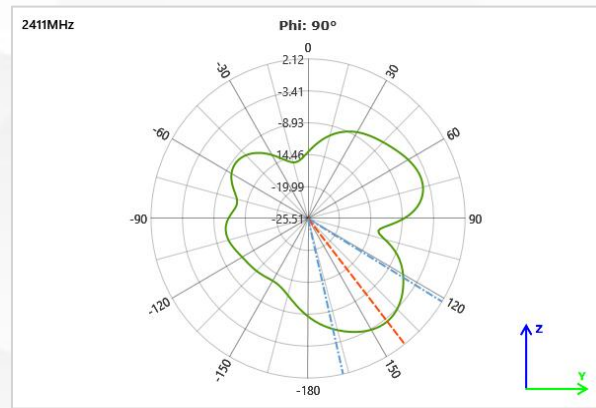
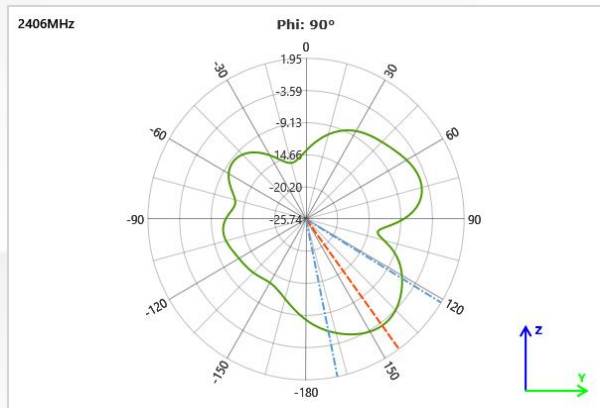
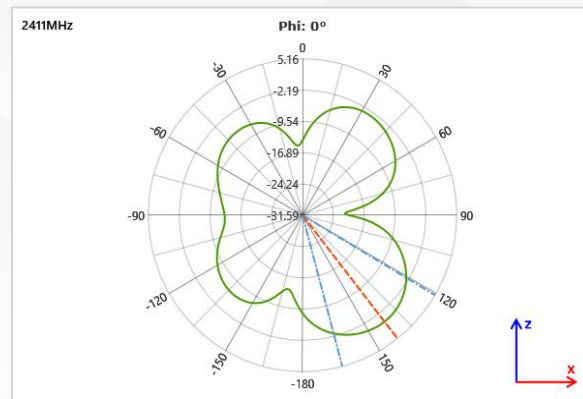
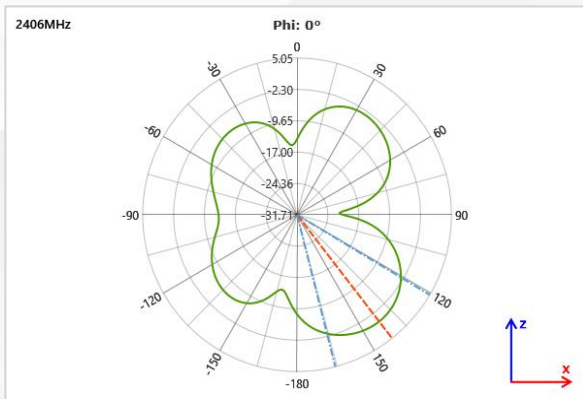
No source data

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)	Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.22	-5.35	29.2	2430	0.14	-4.96	31.88
2401	0.13	-5.35	29.19	2435	0.15	-4.95	31.99
2402	0.13	-5.33	29.32	2440	0.09	-4.96	31.95
2403	0.22	-5.28	29.62	2445	0.14	-4.93	32.1
2404	0.19	-5.26	29.76	2450	0.09	-4.91	32.32
2405	0.19	-5.24	29.92	2455	0.14	-4.89	32.41
2406	0.15	-5.2	30.18	2460	0.16	-4.88	32.54
2407	0.17	-5.18	30.34	2465	0.16	-4.84	32.77
2408	0.25	-5.14	30.6	2470	0.12	-4.83	32.92
2409	0.24	-5.13	30.71	2475	0.19	-4.79	33.17
2410	0.24	-5.13	30.72	2480	0.21	-4.77	33.37
2411	0.29	-5.1	30.94	2485	0.23	-4.73	33.63
2412	0.18	-5.08	31.06	2490	0.19	-4.72	33.75
2413	0.25	-5.08	31.08	2491	0.25	-4.7	33.89
2414	0.25	-5.04	31.35	2492	0.22	-4.68	34.04
2415	0.25	-5.03	31.41	2493	0.31	-4.65	34.25
2416	0.27	-5.02	31.45	2494	0.32	-4.62	34.51
2417	0.16	-5.03	31.43	2495	0.3	-4.61	34.57
2418	0.18	-5.02	31.49	2496	0.27	-4.61	34.57
2419	0.2	-5	31.61	2497	0.34	-4.58	34.81
2420	0.2	-5	31.61	2498	0.31	-4.59	34.76
2421	0.18	-4.99	31.7	2499	0.33	-4.57	34.93
2422	0.16	-4.98	31.74	2500	0.34	-4.57	34.91
2423	0.17	-4.97	31.82				
2424	0.15	-4.97	31.83				
2425	0.15	-4.98	31.79				



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No-source Directional Diagram

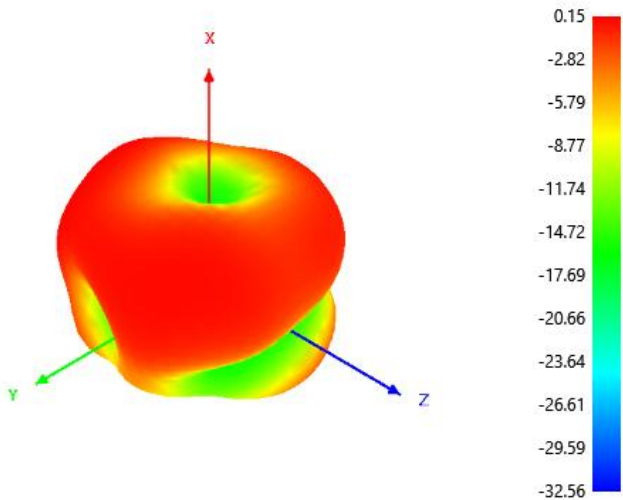




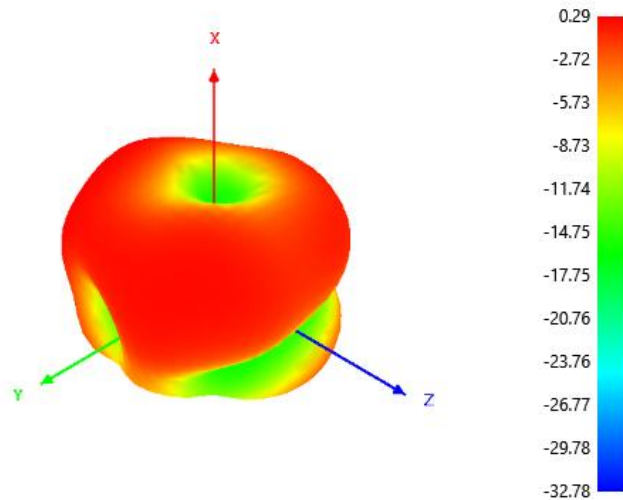
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Wire Binding - Complete without Source 3D File

Freq: 2406MHz (AxisX)



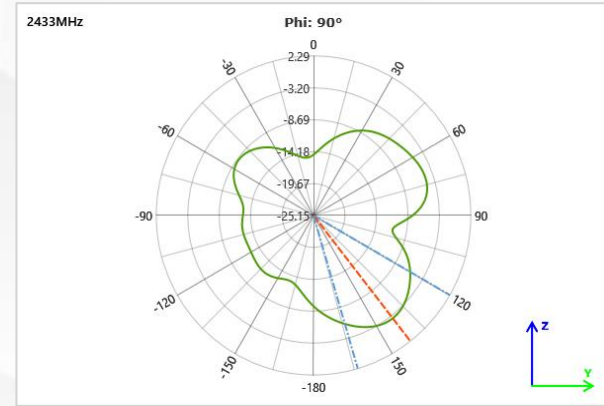
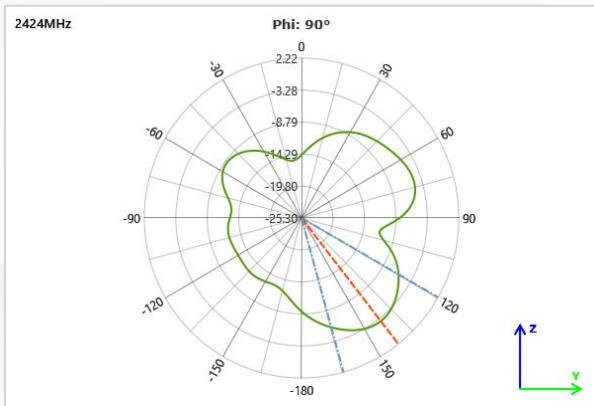
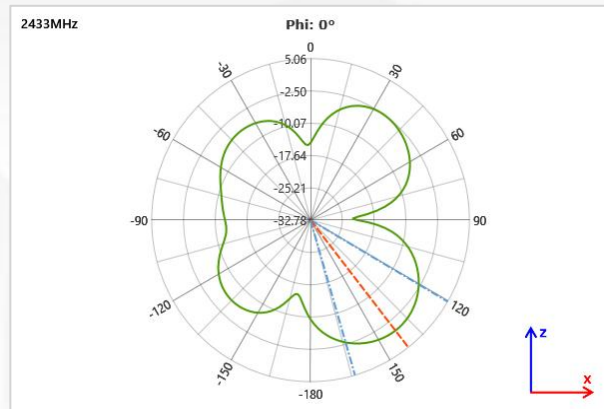
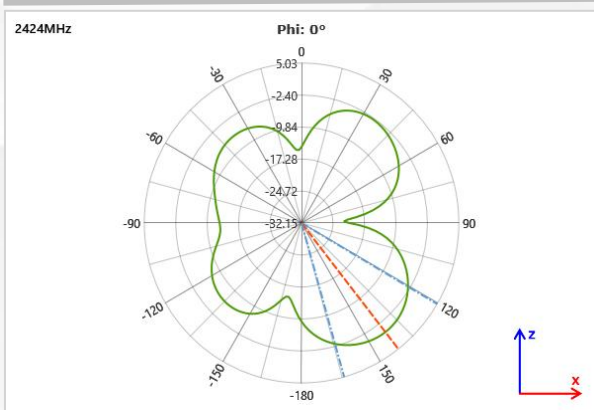
Freq: 2411MHz (AxisX)





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No-source Directional Diagram

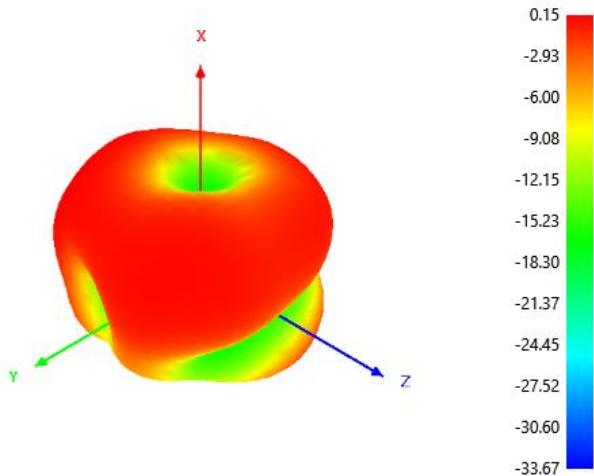


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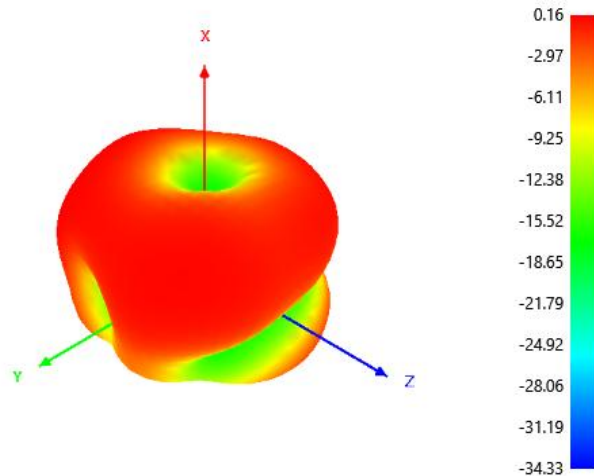
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No-source 3D image

Freq: 2424MHz (AxisX)



Freq: 2433MHz (AxisX)

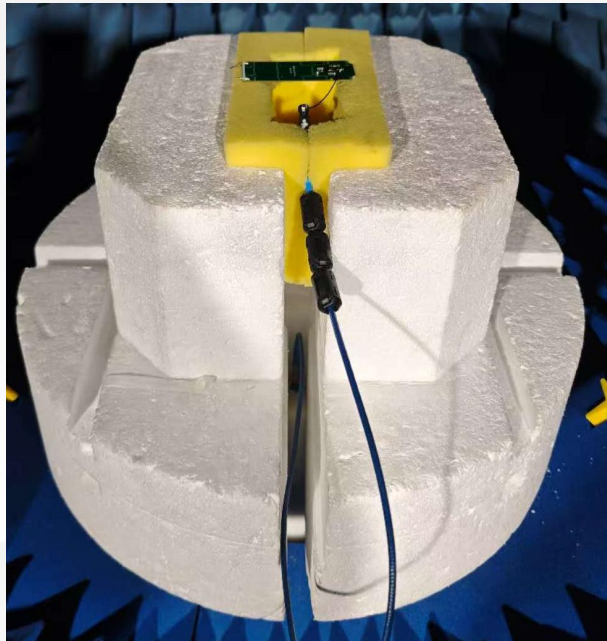




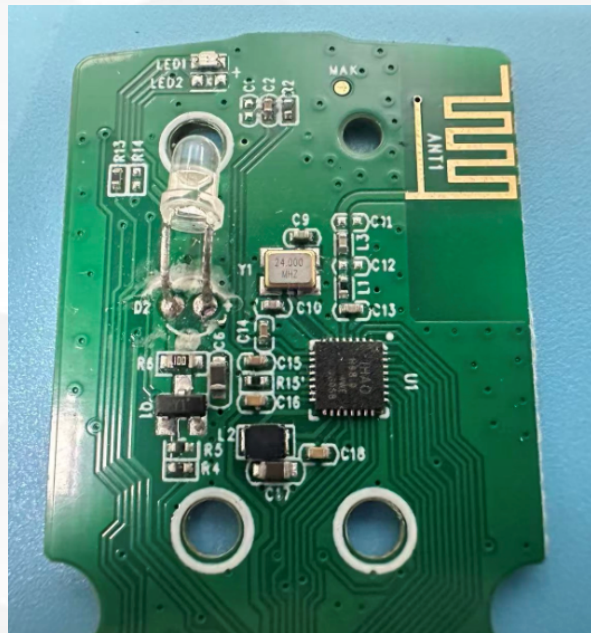
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Darkroom test image

P1:



P2:





Contact information

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THE END