

Roku音箱项目天线测试报告

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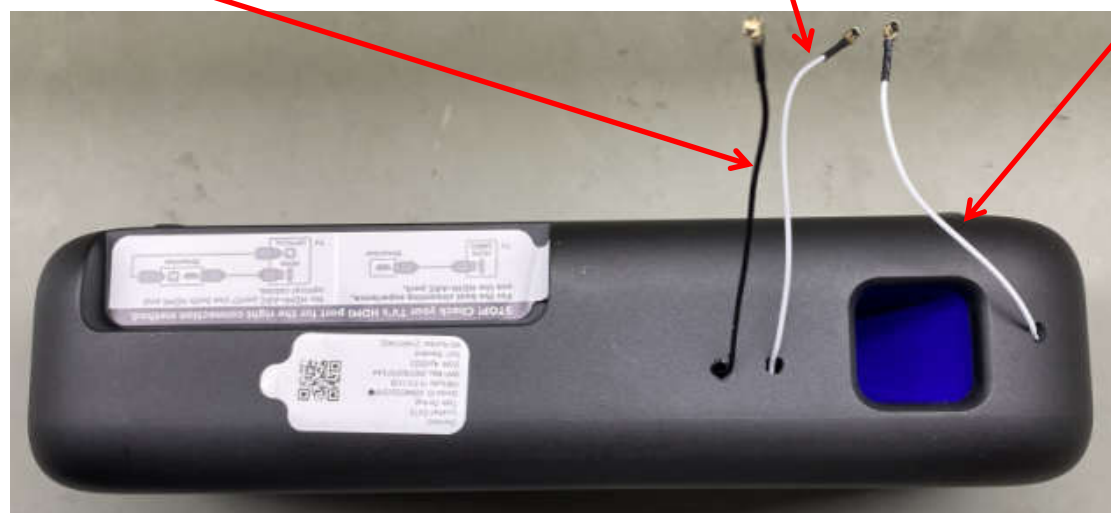
天线位置



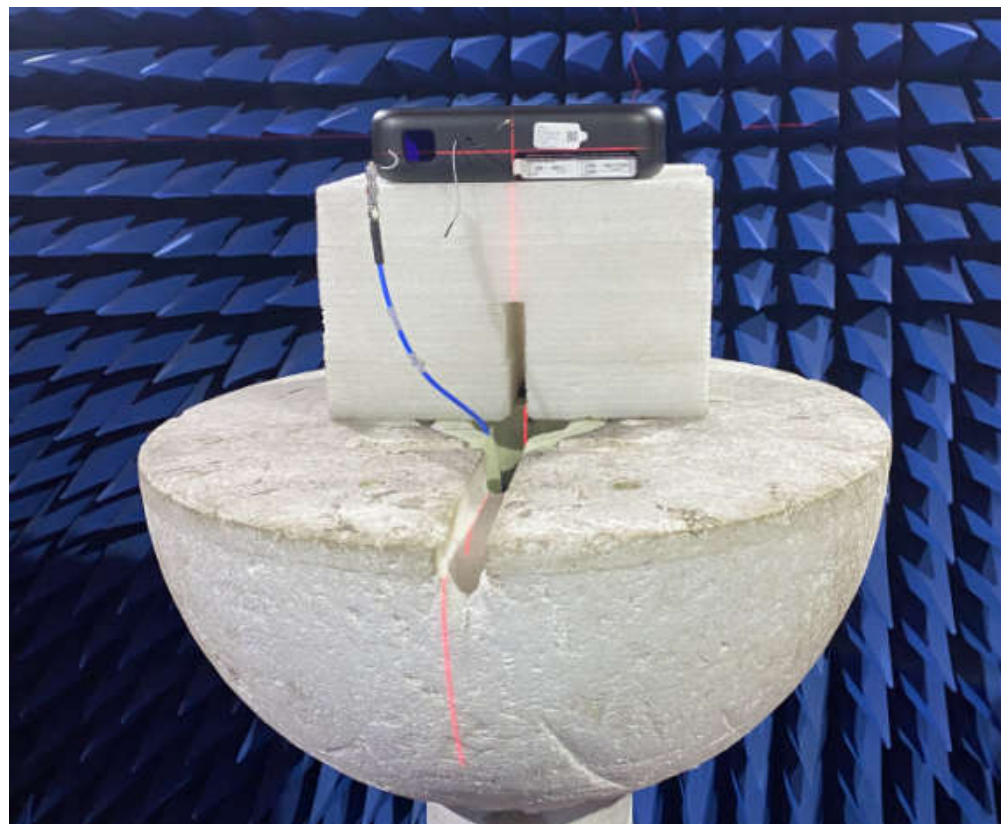
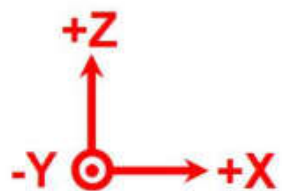
ANT2

BT

ANT1



测试环境



无源数据（WIFI1-效率/增益）

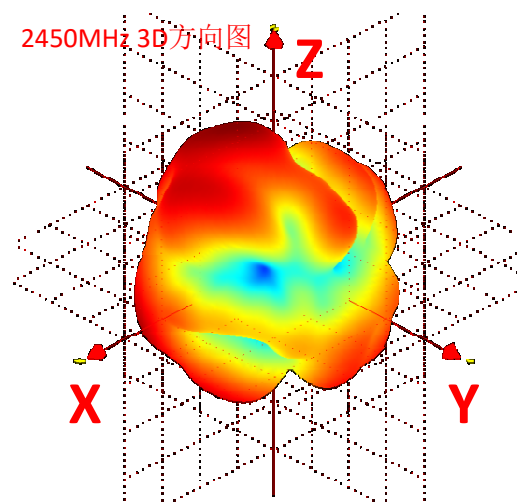
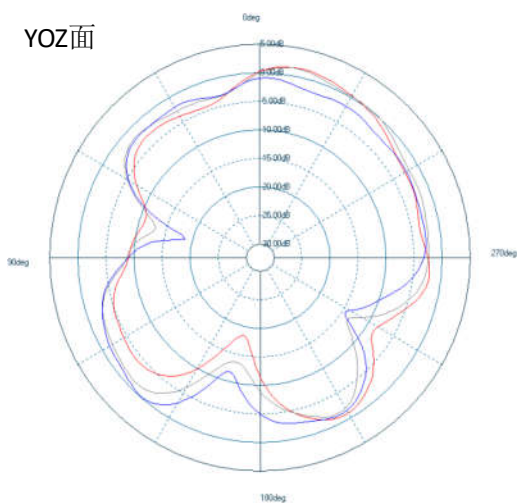
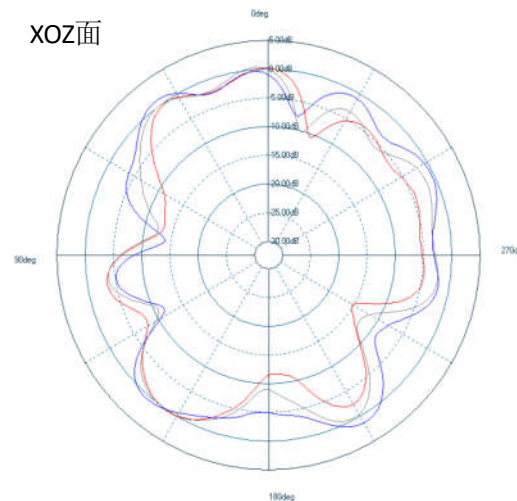
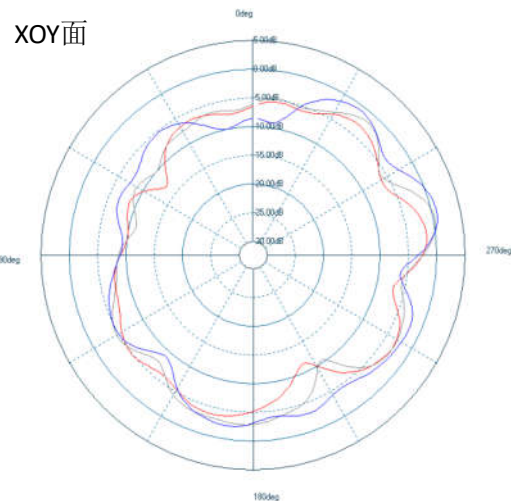


Frequency	Efficiency		Peak Gain
	Mhz	%	dB
2400		32.50	-4.88
2410		32.87	-4.83
2420		36.67	-4.36
2430		36.77	-4.35
2440		40.81	-3.89
2450		40.39	-3.94
2460		43.12	-3.65
2470		42.92	-3.67
2480		43.90	-3.58
2490		46.32	-3.34
2500		49.08	-3.09

Frequency	Efficiency		Peak Gain
	Mhz	%	dB
5150		22.84	-6.41
5200		20.55	-6.87
5250		25.21	-5.98
5300		31.74	-4.98
5350		35.17	-4.54
5400		32.38	-4.90
5450		34.75	-4.59
5500		41.29	-3.84
5550		51.40	-2.89
5600		48.41	-3.15
5650		49.60	-3.05
5700		49.75	-3.03
5750		51.81	-2.86
5800		49.99	-3.01
5850		49.94	-3.02

无源数据 (WIFI1-2.4G方向图)

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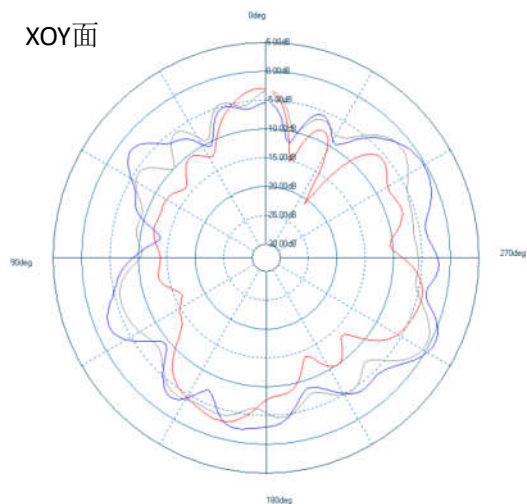


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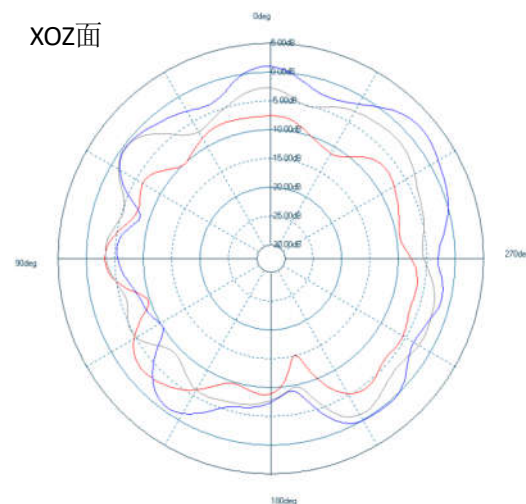
无源数据 (WIFI1-5G方向图)

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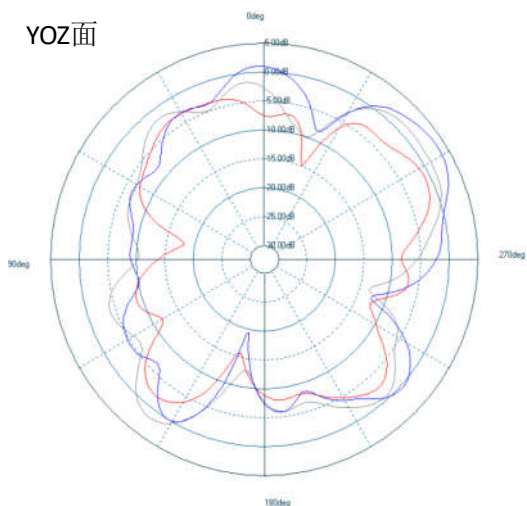
XOY面



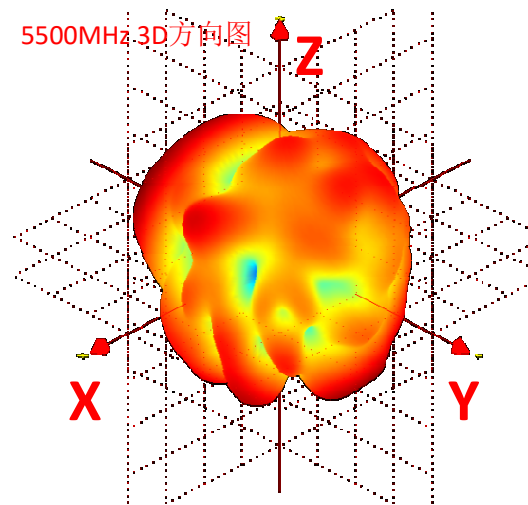
XOZ面



YOZ面



5500MHz 3D方向图



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无源数据（WIFI2-效率/增益）

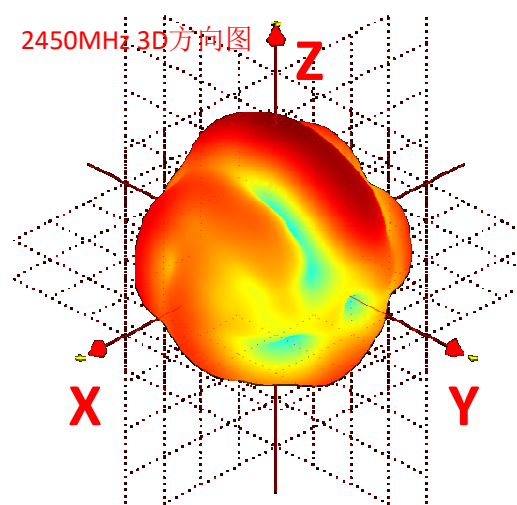
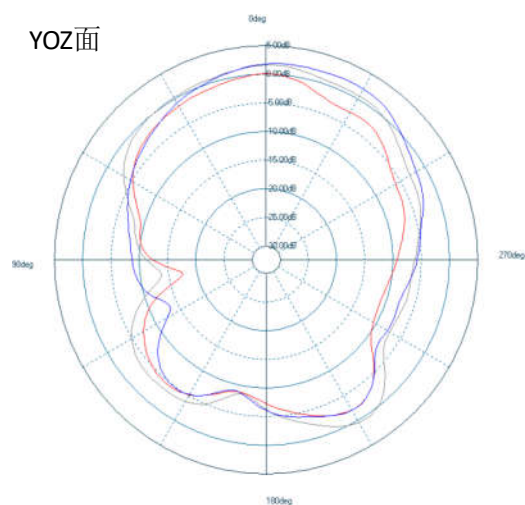
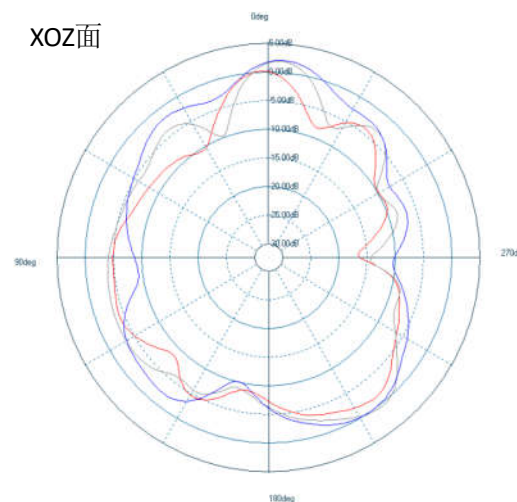
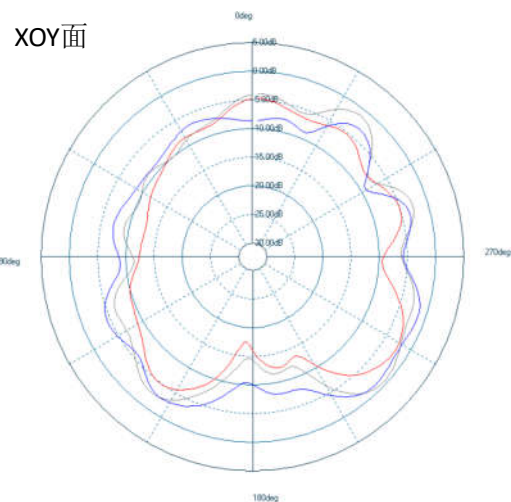


Frequency	Efficiency		Peak Gain
	%	dB	dB
2400	25.17	-5.99	0.52
2410	26.64	-5.74	0.86
2420	28.02	-5.53	0.78
2430	32.44	-4.89	1.02
2440	34.42	-4.63	1.24
2450	37.36	-4.28	1.86
2460	38.23	-4.18	1.78
2470	41.45	-3.82	1.77
2480	40.91	-3.88	1.65
2490	41.44	-3.83	2.02
2500	42.09	-3.76	2.51

Frequency	Efficiency		Peak Gain
	%	dB	dB
5150	33.05	-4.81	2.08
5200	29.92	-5.24	1.37
5250	32.31	-4.91	1.96
5300	31.86	-4.97	1.88
5350	34.01	-4.68	2.38
5400	36.30	-4.40	3.17
5450	37.79	-4.23	3.50
5500	38.53	-4.14	3.80
5550	43.83	-3.58	4.68
5600	41.11	-3.86	4.55
5650	41.58	-3.81	3.91
5700	41.67	-3.80	3.73
5750	45.39	-3.43	4.28
5800	46.99	-3.28	4.11
5850	49.95	-3.01	4.46

无源数据 (WIFI2-2.4G方向图)

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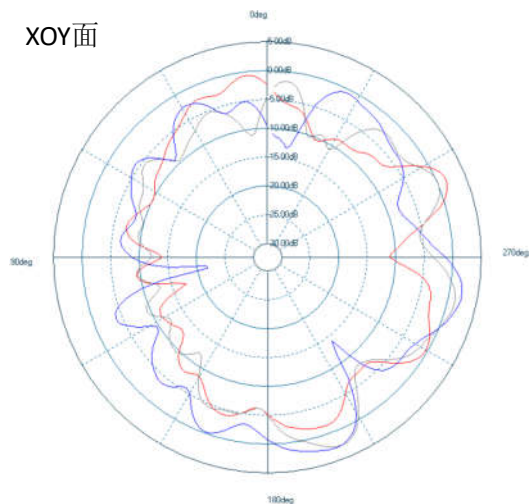


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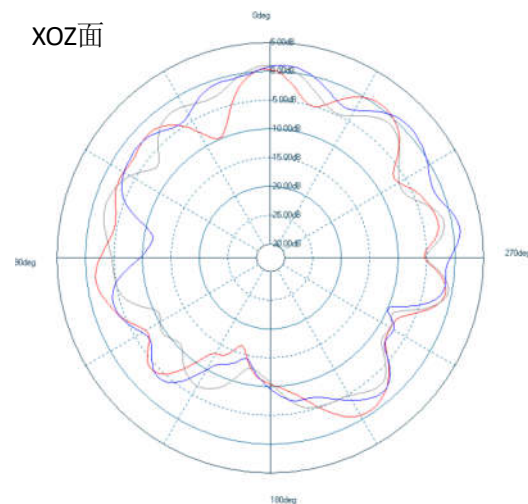
无源数据 (WIFI2-5G方向图)

ZTX 中天迅

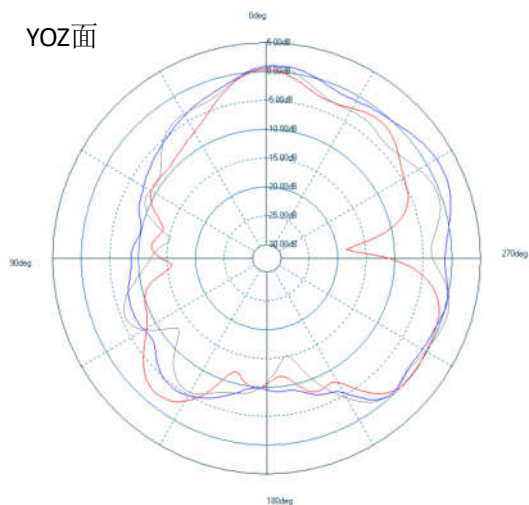
XOY面



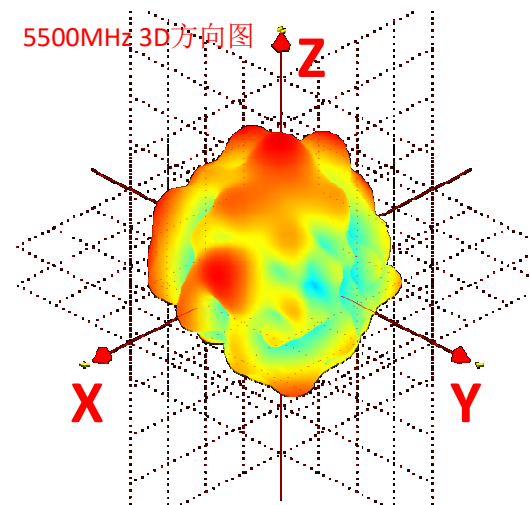
XOZ面



YOZ面



5500MHz 3D方向图



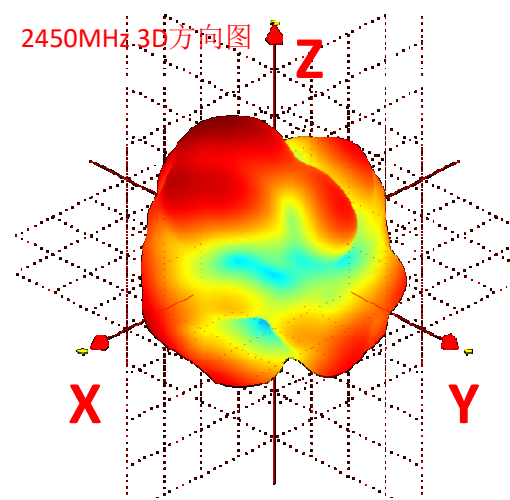
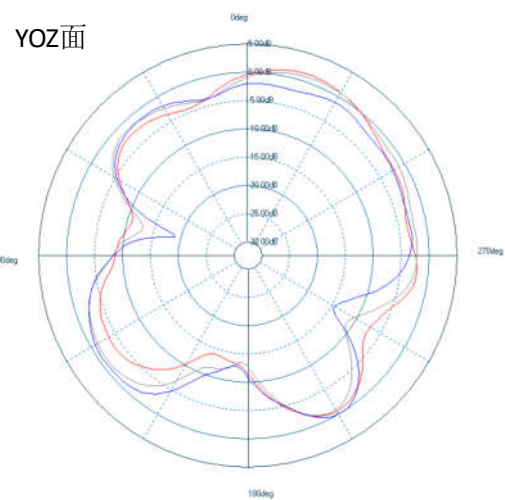
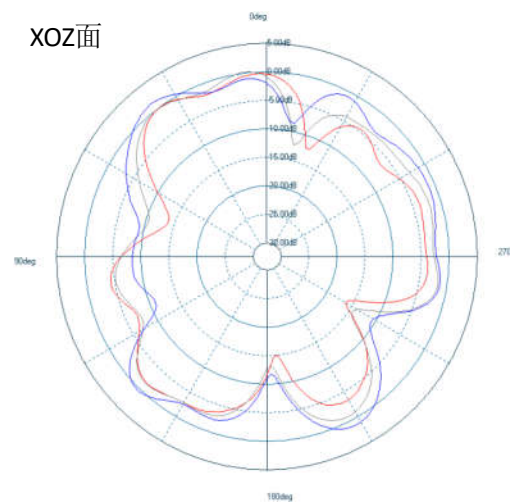
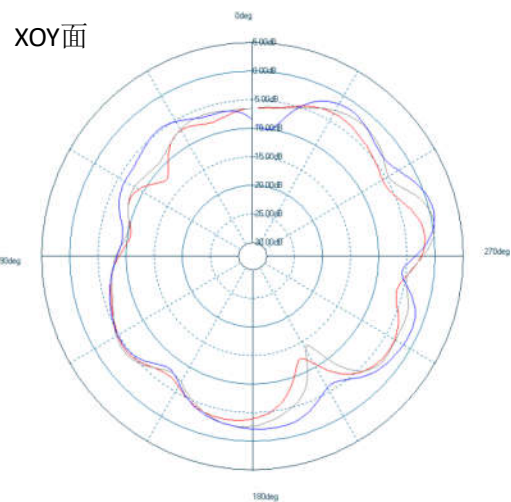
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无源数据（BT-效率/增益）

Frequency Mhz	Efficiency		Peak Gain
	%	dB	dB
2400	33.04	-4.81	1.55
2410	33.33	-4.77	1.67
2420	37.07	-4.31	2.03
2430	37.16	-4.30	1.86
2440	41.05	-3.87	2.04
2450	40.61	-3.91	1.91
2460	43.32	-3.63	2.00
2470	43.04	-3.66	1.79
2480	43.65	-3.60	1.68
2490	45.75	-3.40	1.81
2500	48.10	-3.18	2.35

无源数据 (BT-2.4G方向图)

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Thank You

