



深圳市凯普深通讯科技有限公司

Shenzhen cape deep communication technology co., LTD

天线调试报告

test report

客 户: 芯发(深圳)科技信息有限公司

项目名: Z400-H Z500-H

射 频: 庞工

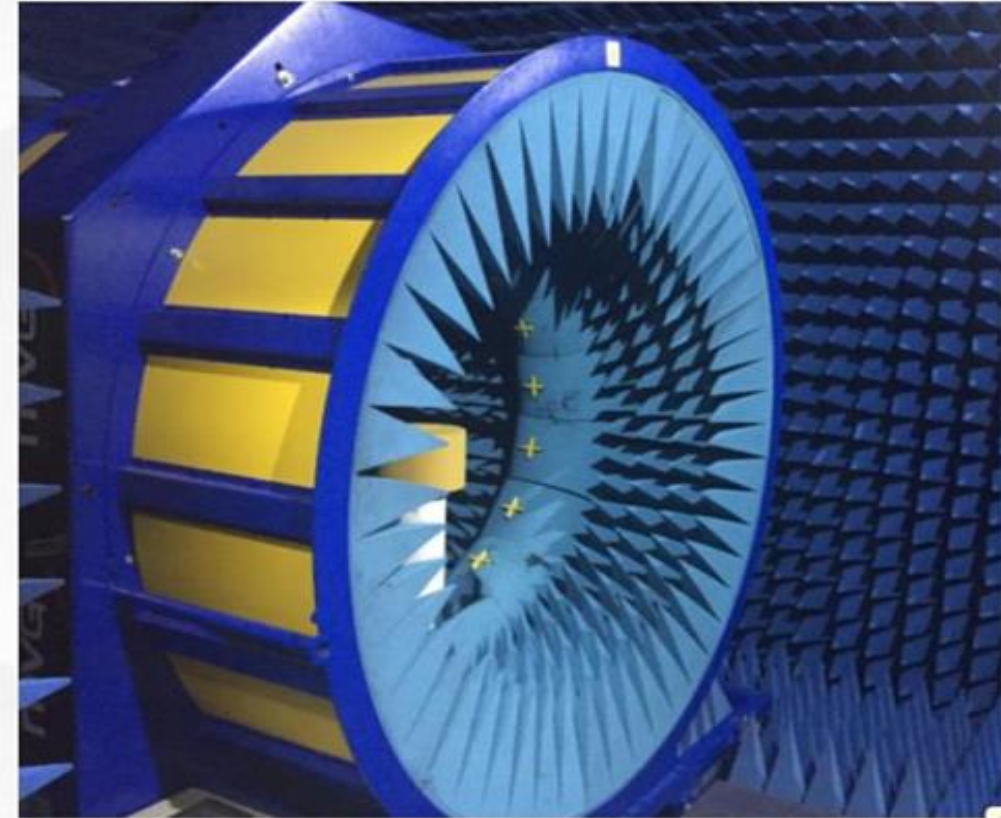
日 期: 2025.8.11

深圳市凯普深通讯科技有限公司

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实验室测试环境及设备



测试项目	测试设备
S11、S12、VSWR、LOSS	网络分析仪E5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16暗室、GP7*4*3暗室、E5071B
TRP、TIS	Satimo SG16暗室、GP7*4*3暗室、8960、 CMW500、MT8820C、E4438C、

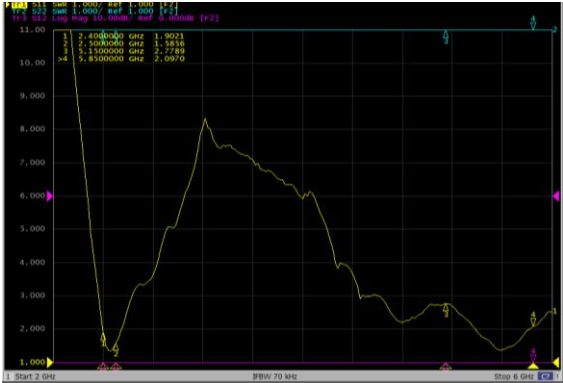
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Cell	Band	Channel	TRP	Cell	Band	Channel	TIS
GSM	850	128	28. 7	GSM	850	128	-103. 2
		190	28. 2			190	-103. 1
		251	29. 1			251	-102. 2
	1900	512	27		1900	512	-93. 5
		698	27. 11			698	-93. 6
		810	26. 93			810	-93. 2
WCDMA	B2	9262	18. 2		B2	9662	-103. 4
		9400	18. 8			9800	-103. 6
		9538	18. 1			9938	-102. 5
	B4	1312	18. 7	GSM	B4	1537	-102. 8
		1412	18. 4			1638	-103. 1
		1513	19			1738	-102. 7
	B5	4132	17. 5		B5	4357	-103. 5
		4182	17. 11			4408	-103. 8
		4233	17. 93			4458	-103. 4
	Band 2 (10MHZ)	18650	18. 2		Band 2 (10MHZ)	650	-93. 2
		18900	18. 4			900	-92. 8
		19150	19. 1			1150	-92. 4
	Band 4 (10MHZ)	20000	17. 27		Band 4 (10MHZ)	2000	-93. 5
		20175	17. 32			2175	-93. 6
		20350	17. 77			2350	-93. 2
	Band 5 (10MHZ)	20450	18. 27		Band 5 (10MHZ)	2450	-91. 5
		20525	18. 3			2525	-91. 6
		20600	18. 53			2600	-91. 4
	Band 7 (10MHZ)	20800	17. 24		Band 7 (10MHZ)	2800	-91. 5
		21100	17. 18			3100	-91. 3
		21400	17. 78			3400	-91. 2
	Band 12 (10MHZ)	23060	18. 55		Band 12 (10MHZ)	5060	-89. 2
		23095	18. 26			5095	-89. 2
		23130	18. 33			5130	-89. 2
	Band 13 (10MHZ)	23230	17. 31		Band 13 (10MHZ)	5230	-89. 6
		23230	17. 31			5230	-89. 6

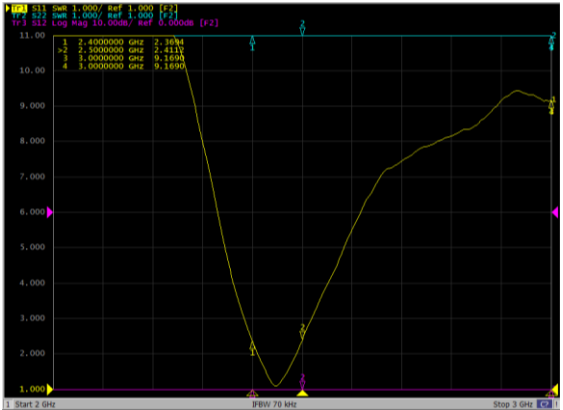
LTE/TRP	Band 14 (10MHZ)	23230	17.31	LTE/TIS	Band 14 (10MHZ)	5230	-89.6
		23330	18.77			5330	-89.6
		23330	18.77			5330	-89.6
		23330	18.77			5330	-89.8
	Band 17 (10MHZ)	23780	18.24		Band 17 (10MHZ)	5780	-89.5
		23790	18.13			5790	-89.3
		23800	17.48			5800	-89.2
	Band 25 (10MHZ)	26090	18		Band 25 (10MHZ)	8090	-89.2
		26365	18.6			8365	-89.8
		26640	19.3			8640	-89.4
	Band 26 (10MHZ)	26740	16.27		Band 26 (10MHZ)	8740	-91.5
		26865	16.31			8865	-91.6
		26990	16.45			8990	-91.2
	Band 38 (10MHZ)	37800	17.26		Band 38 (10MHZ)	37800	-92.5
		38000	17.45			38000	-92.4
		38200	16.28			38200	-92.1
	Band 41 NAR (10MHZ)	40340	17.65		Band 41 NAR (10MHZ)	40340	-91.2
		40740	17.16			40740	-91
		41140	17.25			41140	-90.6
	Band 66 (10MHZ)	132022	16.43		Band 66 (10MHZ)	66486	-91.6
		132322	15.74			66786	-91.7
		132622	15.2			67086	-92.2
	Band 71 NAR (10MHZ)	133172	17.95		Band 71 NAR (10MHZ)	68636	-91.2
		133297	17.66			68761	-91
		133422	17.75			68886	-90.6

WIFI	CH	Gain/dBi	Efficiency%
2.4G	L	0.84	41.34
	M	1.22	43.04
	H	1.45	46.88
5G	L	3.86	52.05
	M	3.4	51.2
	H	3.39	53.52
BT	CH	Gain/dBi	Efficiency%
2.4G	L	0.84	49.19
	M	1.22	50.81
	H	1.45	52.3

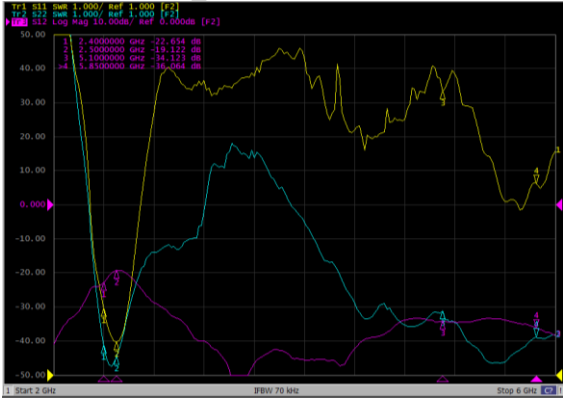
WIFI VSWR



BT VSWR

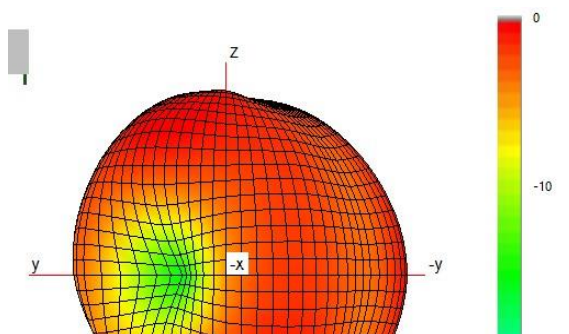
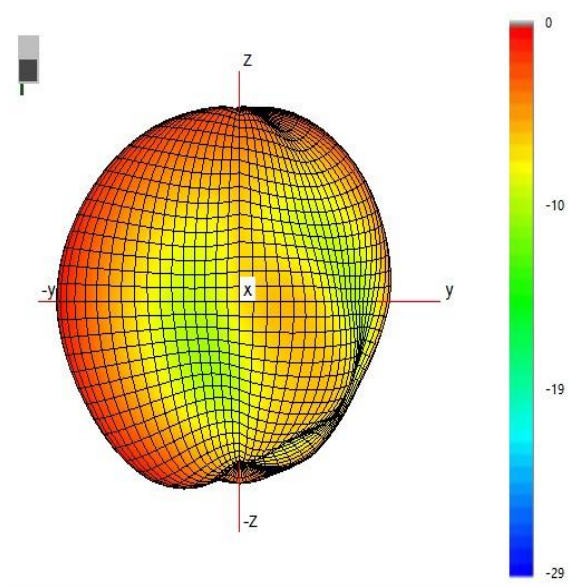
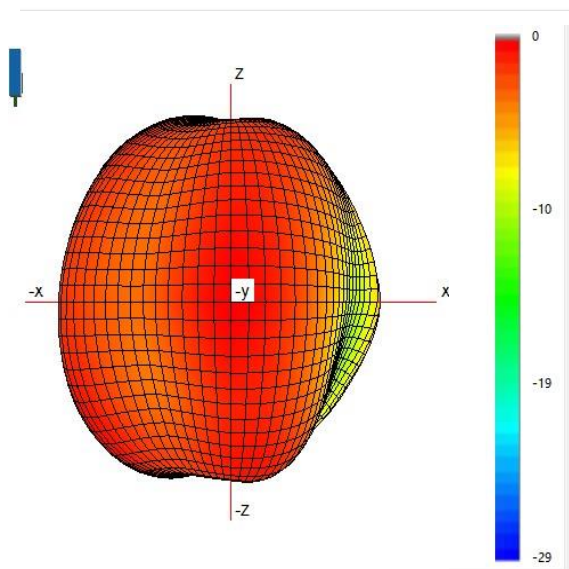
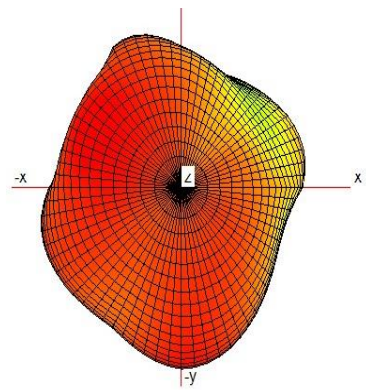


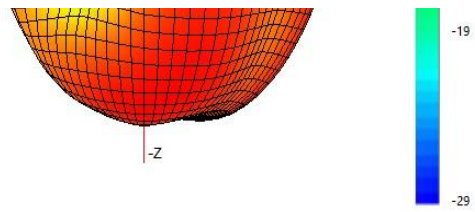
WI FI BT Lsolation



WI_FI 2.4G Radiation Pattern







WI_FI 5G Radiation Pattern

