

2.4G/5.8G双频内置天线测试报告



RF Engineer: Henry.LI
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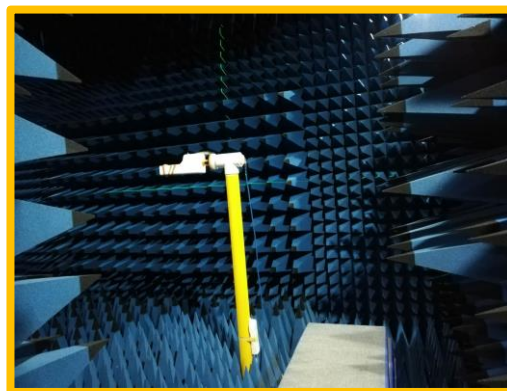
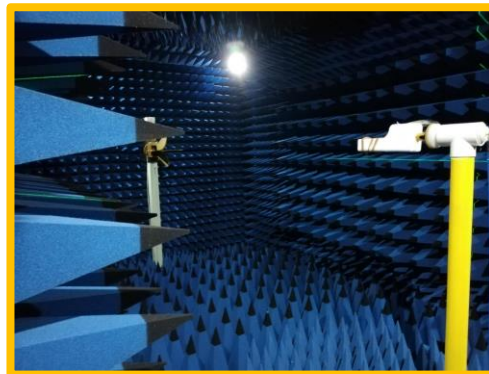
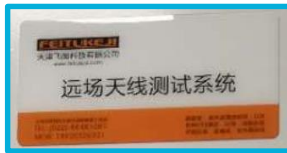
传真: +86-755-89733896

邮箱: szgdt@szgdtrf.com

网址: www.szgdtrf.com

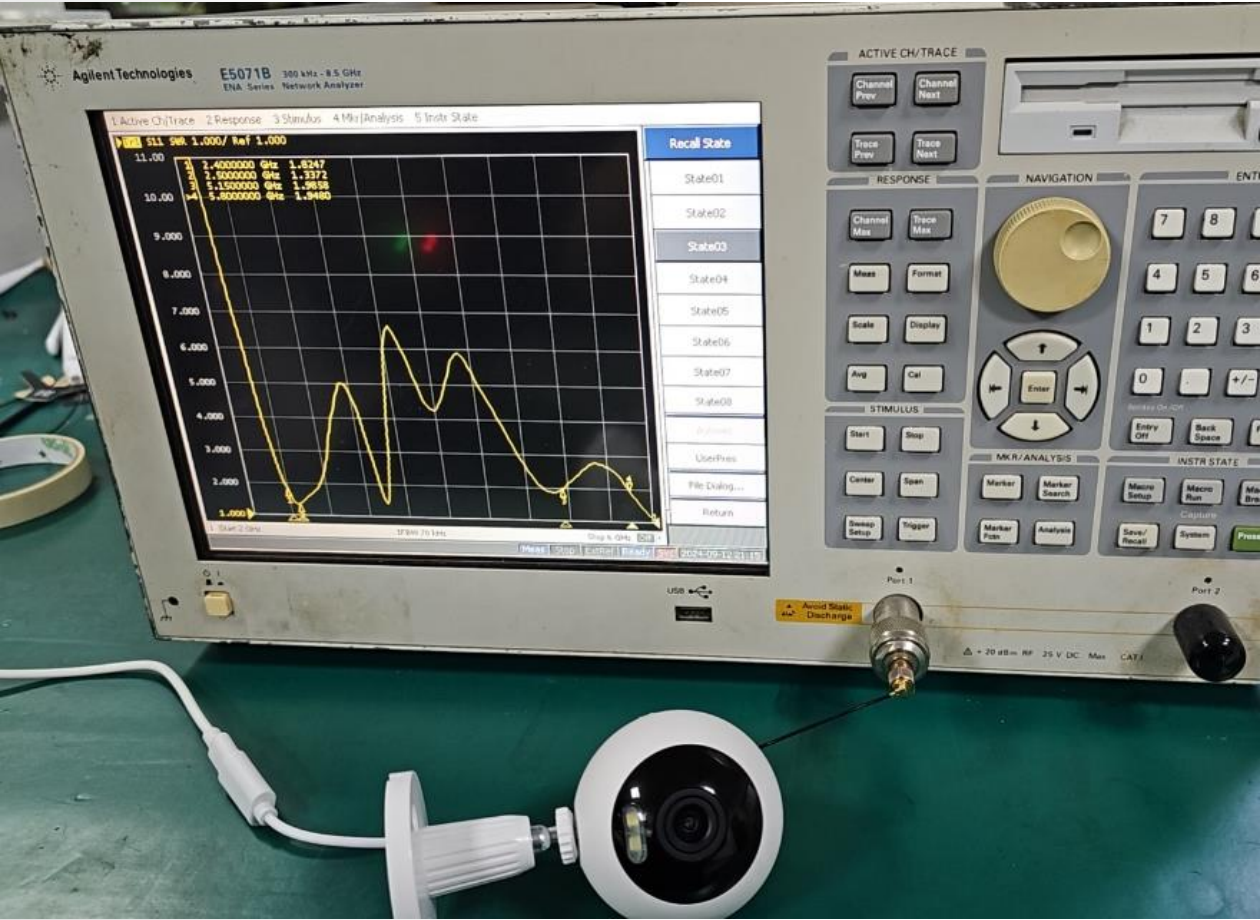
地址: 深圳市龙华区观湖街道环观南路茂源工业园D栋3楼

测试设备



测试系统	测试环境	有源测试	无源测试
ETS	温度: 22℃±3℃ 湿度: 50%±15%	支持2G/3G/4G 支持BT/WIFI/GPS	600MHZ——6G

冠得通天线助波比



天线规格



2.4G/5.8G 黄色FPC 1.13黑 线长70MM一代端子

天线装配位置



天线增益和效率

Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dBi)	Directivity (dBi)	Efficiency (%)	Efficiency (dB)	Max (dBm)	Theta of Max	Phi of Max	Min (dBm)	Theta of Min	Phi of Min	AVG (dBm)	Max/Min (dB)	Max/AVG (dB)	Min/AVG (dB)
1	2400.0	2400.00	2.88	5.93	49.5%	-3.05	2.88	9000	10680	-95.99	0	0	-3.25	98.87	6.13	-92.74
2	2410.0	2410.00	3.09	6.23	48.6%	-3.14	3.09	9000	10680	-95.99	0	0	-3.12	99.08	6.21	-92.87
3	2420.0	2420.00	3.60	6.55	50.7%	-2.95	3.60	9000	10680	-95.99	0	0	-2.70	99.59	6.30	-93.29
4	2430.0	2430.00	4.18	6.73	55.5%	-2.55	4.18	9000	10680	-95.99	0	0	-2.17	100.17	6.35	-93.82
5	2440.0	2440.00	3.68	6.58	51.3%	-2.90	3.68	9000	10680	-95.99	0	0	-2.59	99.67	6.28	-93.40
6	2450.0	2450.00	3.58	6.51	51.0%	-2.92	3.58	9000	10680	-95.99	0	0	-2.65	99.57	6.23	-93.34
7	2460.0	2460.00	3.52	6.39	51.6%	-2.88	3.52	9000	10680	-95.99	0	0	-2.62	99.51	6.13	-93.37
8	2470.0	2470.00	3.27	6.06	52.6%	-2.79	3.27	9000	10680	-95.99	0	0	-2.73	99.26	6.00	-93.26
9	2480.0	2480.00	3.20	5.68	56.6%	-2.47	3.20	9000	10680	-95.99	0	0	-2.79	99.19	5.99	-93.20
10	2490.0	2490.00	2.97	5.52	55.6%	-2.55	2.97	7500	10680	-95.99	0	0	-2.93	98.96	5.90	-93.06
11	2500.0	2500.00	3.09	5.48	57.6%	-2.39	3.09	9000	10680	-95.99	0	0	-2.84	99.08	5.93	-93.15
12	5150.0	5150.00	1.11	5.87	33.5%	-4.76	1.11	12000	10680	-95.99	0	0	-4.69	97.10	5.80	-91.30
13	5200.0	5200.00	1.08	5.45	36.6%	-4.37	1.08	12000	10680	-95.99	0	0	-4.92	97.07	6.01	-91.07
14	5250.0	5250.00	1.60	5.71	38.8%	-4.11	1.60	12000	10680	-95.99	0	0	-4.61	97.59	6.21	-91.38
15	5300.0	5300.00	3.07	6.32	47.3%	-3.25	3.07	12000	10680	-95.99	0	0	-3.48	99.06	6.56	-92.51
16	5350.0	5350.00	2.47	5.57	49.0%	-3.10	2.47	10500	12180	-95.99	0	0	-3.63	98.46	6.10	-92.36
17	5400.0	5400.00	2.10	6.09	39.9%	-3.99	2.10	7500	1500	-95.99	0	0	-4.33	98.09	6.43	-91.66
18	5450.0	5450.00	3.74	7.67	40.5%	-3.93	3.74	9000	0	-95.99	0	0	-3.89	99.73	7.63	-92.09
19	5500.0	5500.00	4.61	7.26	54.4%	-2.64	4.61	9000	1500	-95.99	0	0	-2.88	100.60	7.49	-93.11
20	5550.0	5550.00	4.08	7.26	48.2%	-3.17	4.08	9000	1500	-95.99	0	0	-3.83	100.07	7.92	-92.16
21	5600.0	5600.00	4.51	7.81	46.7%	-3.30	4.51	9000	0	-95.99	0	0	-4.01	100.50	8.52	-91.98
22	5650.0	5650.00	4.74	7.85	48.9%	-3.10	4.74	9000	0	-95.99	0	0	-3.58	100.73	8.32	-92.41
23	5700.0	5700.00	5.09	7.50	57.4%	-2.41	5.09	9000	1500	-95.99	0	0	-2.98	101.08	8.07	-93.01
24	5750.0	5750.00	4.31	7.23	51.0%	-2.93	4.31	9000	0	-95.99	0	0	-3.41	100.30	7.71	-92.58
25	5825.0	5825.00	2.81	6.86	39.3%	-4.05	2.81	9000	1500	-95.99	0	0	-4.88	98.80	7.70	-91.10

蒴果3D图

