

OTA TEST REPORT(Passive)

Applicant Shenzhen General Test System Co., Ltd

Product GQ5009

Issue Date 2024/3/28

Shenzhen 3Good Wireless Communication Co., Ltd .

Tested the above equipment in accordance with the requirements in **ANTI/IEEE Std 149-2008**. The test results show that the equipment tested is capable of demonstrating compliance with the Requirements as documented in this report.

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Approved by: Wu Zhou

Shenzhen 3Good Wireless Communication Co., Ltd

Room 501-508,jinfulai Building,No.49-1,Dabao Road,Baoan
District,Shenzhen

1. Test Laboratory

1.1 Notes of the Test report

This report shall not be reproduced in full or partial. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of applicable standards stated above.

1.2 Test facility

GTS1800 Microwave Anechoic Chamber : testing frequency ranges from 600MHz to 6GHz.

1.3 Testing Location

Company: Shenzhen 3Good Wireless Communication Co., Ltd

Address: Room 501-508, jinfulai Building, No. 49-1, Dabao Road, Baoan District, Shenzhen

Contact: Mulong LV

Telephone: 15848132964

E-mail: lvmulong-rfrd@3good.net.cn

1.4 Laboratory Environment

Temperature	Min.= 19°C, Max.=25°C	
Relative humidity	Min.=40%, Max.=72%	
Shield effect	0.6-7GHz	>100dB
Ground resistance	<0.5Ω	

2. General Description of Equipment under Test

2.1 Applicant and Manufacturer information

Applicant Name	Shenzhen General Test System Co., Ltd
Applicant address	Building C-A7 Suite 805,2190 Liuxian Avenue, Nanshan District, Shenzhen, P.R. China
Manufacturer Name	Shenzhen General Test System Co., Ltd
Manufacturer address	Building C-A7 Suite 805,2190 Liuxian Avenue, Nanshan District, Shenzhen, P.R. China

2.2 General information

EUT Description	
Product Name	RayZone1800
Model	GTS-ANT D-H
HW Version	RayZone1800 V1.0
SW Version	MaxSign 100
Antenna Type	FPC Antenna
Antenna Manufacturer	Shenzhen 3Good Wireless CommunicationCo., Ltd
Test Frequency	800MHz-2500MHz

2.3 Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test Method: **ANSI/IEEE Std 149-2008**

3. Test Conditions

3.1 Test Configuration

The method is used to measure the antenna 3D GAIN of EUT in OTA qualified anechoic chamber. Equipment Under Test (EUT) geometry centre vertical projection at the centre of platform, the distance from EUT to measurement antenna is 1m.

3.2 Test Measurement

Spherical coordinate system

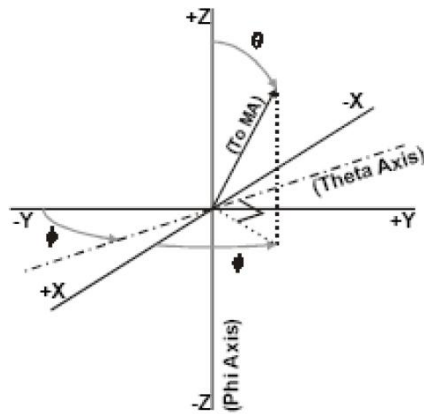
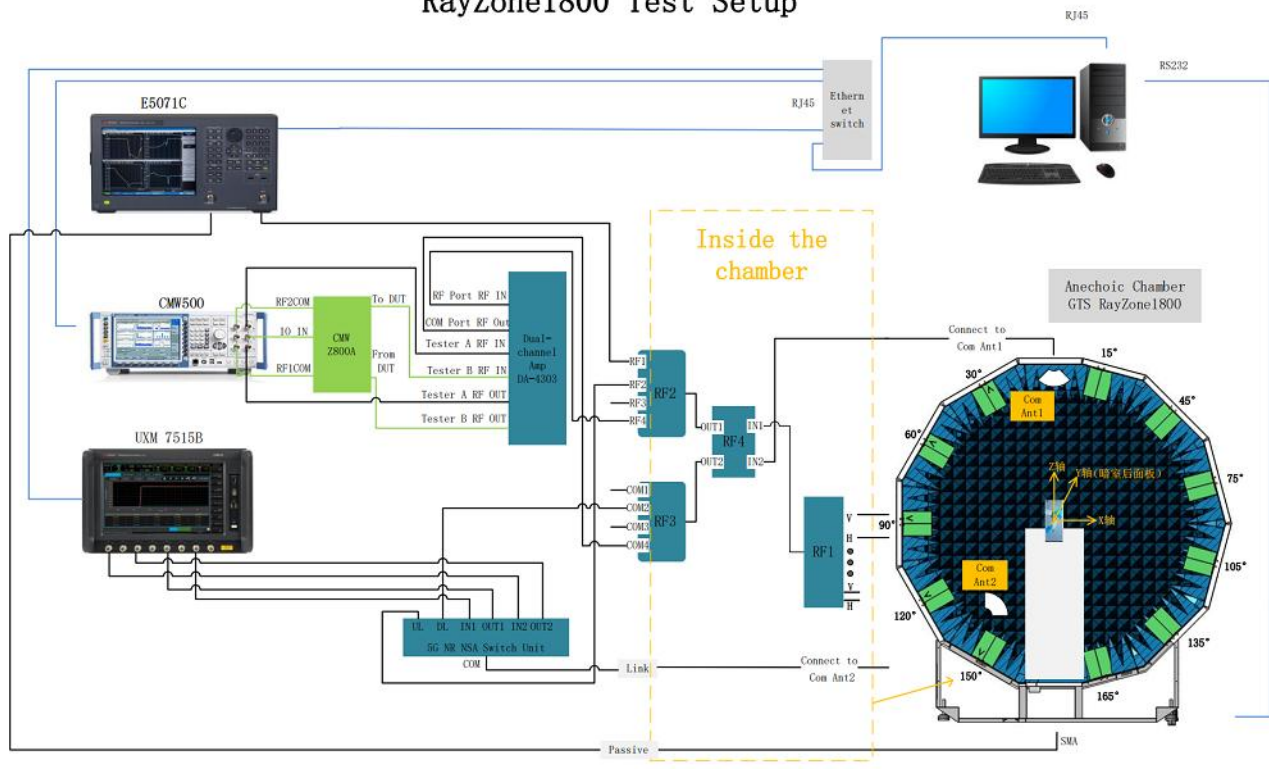


Figure 1 Test coordinate system

Note: Theta is from 0-180degree. Phi is from EUT and record the Date, the step of rotation is 15 degree.

Test Setup

RayZone1800 Test Setup



4. Test Results

4.1 Antenna Effi.& Max. Peak Gain

ant0

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
880	7.99	-10.97	-5.1
890	11.01	-9.58	-3.66
900	16.04	-7.95	-2
910	20.69	-6.84	-0.87
920	24.73	-6.07	-0.14
930	24.6	-6.09	-0.14
940	21.54	-6.67	-0.72
950	17.33	-7.61	-1.73
960	12.82	-8.92	-3.03

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
700	15.69	-8.04	-5.06
710	20.86	-6.81	-3.74
720	21.73	-6.63	-3.87
730	22.43	-6.49	-3.55
740	23.1	-6.36	-3.59
750	26.17	-5.82	-2.77
760	27.4	-5.62	-2.7
770	22.46	-6.49	-3.54
780	19.56	-7.09	-4.38
790	19.69	-7.06	-4.34
800	21.1	-6.76	-3.81
790	12.58	-9	-6.31
800	17.72	-7.52	-4.62
810	17.45	-7.58	-4.49
820	16.66	-7.78	-4.35
830	14.73	-8.32	-4.61
840	12.18	-9.14	-5.21
850	10.55	-9.77	-6.08
860	8.93	-10.49	-6.33
870	7.4	-11.31	-7.07
880	6.92	-11.6	-7.34
890	6.31	-12	-7.57

ANT1

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1710	23.66	-6.26	-2.51	2300	22.1	-6.56	-0.93
1720	26.58	-5.75	-2.18	2310	22.16	-6.54	-0.86
1730	27.49	-5.61	-1.93	2320	22.79	-6.42	-0.72
1740	27.8	-5.56	-1.87	2330	25.32	-5.97	-0.18
1750	27.47	-5.61	-1.83	2340	27.91	-5.54	0.12
1760	28.98	-5.38	-1.5	2350	29.08	-5.36	0.28
1770	30.97	-5.09	-1.06	2360	29.79	-5.26	0.24
1780	32.97	-4.82	-0.7	2370	28.71	-5.42	0.11
1790	33.15	-4.79	-0.66	2380	29.53	-5.3	0.16
1800	33.71	-4.72	-0.45	2390	30.02	-5.23	0.28
1810	33.23	-4.79	-0.52	2400	30.31	-5.18	-0.01
1820	33.15	-4.79	-0.44	2410	28.99	-5.38	-0.34
1830	33.67	-4.73	-0.34	2420	29.31	-5.33	-0.52
1840	34.4	-4.63	-0.24	2430	28.85	-5.4	-0.71
1850	35.65	-4.48	-0.1	2440	29.36	-5.32	-0.83
1860	35.69	-4.47	-0.13	2450	29.81	-5.26	-0.81
1870	35.52	-4.5	-0.16	2460	28.46	-5.46	-1.13
1880	36.82	-4.34	-0.04	2470	27.29	-5.64	-1.35
1890	37.39	-4.27	-0.06	2480	27.15	-5.66	-1.16
1900	38.28	-4.17	-0.01	2490	27.23	-5.65	-1
1910	38.9	-4.1	0	2500	26.94	-5.7	-0.79
1920	38.97	-4.09	-0.05	2510	25.22	-5.98	-0.94
1930	39.26	-4.06	-0.22	2520	23.49	-6.29	-0.94
1940	38.45	-4.15	-0.41	2530	22.63	-6.45	-0.9
1950	39.03	-4.09	-0.49	2540	20.74	-6.83	-1.04
1960	38.34	-4.16	-0.63	2550	19.68	-7.06	-1.07
1970	38.9	-4.1	-0.84	2560	18.63	-7.3	-1.07
1980	39.28	-4.06	-0.96	2570	18.1	-7.42	-0.89
1990	39.24	-4.06	-0.92	2580	16.52	-7.82	-1.05
2000	40.36	-3.94	-0.78	2590	15.71	-8.04	-1.05
2010	39.63	-4.02	-0.83	2600	15.82	-8.01	-0.91
2020	39.26	-4.06	-0.93	2610	15.55	-8.08	-0.87
2030	40.63	-3.91	-0.85	2620	14.55	-8.37	-1.16
2040	40.84	-3.89	-0.85	2630	14.18	-8.48	-1.19
2050	40.67	-3.91	-0.9	2640	14.47	-8.4	-0.98
2060	39.48	-4.04	-1.1	2650	14.44	-8.4	-0.93
2070	38.04	-4.2	-1.26	2660	14	-8.54	-0.95
2080	38.46	-4.15	-1.3	2670	13.73	-8.62	-1.03
2090	39.29	-4.06	-1.26	2680	14.15	-8.49	-0.88
2100	39.3	-4.06	-1.48	2690	13.67	-8.64	-1.07
2110	34.06	-4.68	-2.05	2700	13.74	-8.62	-1.07
2120	32.52	-4.88	-2				
2130	33.41	-4.76	-1.61				
2140	34.56	-4.61	-1.17				
2150	33.31	-4.77	-1.09				
2160	31.78	-4.98	-1.2				
2170	30.52	-5.15	-1.29				

ANT2

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
3300	21.43	-6.69	-2.28
3330	24.08	-6.18	-2
3360	26.73	-5.73	-1.32
3390	28.2	-5.5	-0.63
3420	29.35	-5.32	-0.27
3450	29.93	-5.24	-0.04
3480	29.32	-5.33	0
3510	28.47	-5.46	-0.07
3540	28.3	-5.48	0.02
3570	28.91	-5.39	-0.41
3600	28.65	-5.43	-0.96
3630	26	-5.85	-2
3660	27.94	-5.54	-1.45
3690	26.5	-5.77	-1.61
3720	30.76	-5.12	-0.68
3750	28.25	-5.49	-0.79
3780	25.99	-5.85	-0.97
3810	28.99	-5.38	-0.7
3840	23.91	-6.21	-1.91
3870	23.45	-6.3	-1.98
3900	24.23	-6.16	-1.81
3930	28	-5.53	-1.04
3960	26.72	-5.73	-1.24
3990	30.41	-5.17	-0.73
4020	32.33	-4.9	-0.08
4050	34.29	-4.65	0.19
4080	35.01	-4.56	0.54
4110	29.68	-5.27	0.13
4140	32.1	-4.94	0.55
4170	31.24	-5.05	0.77
4200	31.99	-4.95	1.05

ANT3

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
3700	19.35	-7.13	-0.87
3710	21.35	-6.71	-0.49
3720	22.35	-6.51	-0.21
3730	21.38	-6.7	-0.36
3740	19.35	-7.13	-0.79
3750	20.05	-6.98	-0.69
3760	22.17	-6.54	-0.31
3770	21.89	-6.6	-0.28
3780	19.4	-7.12	-1.01
3790	19.56	-7.09	-1.06
3800	20.19	-6.95	-0.99
3810	22.38	-6.5	-0.56
3820	21.28	-6.72	-0.89
3830	19.84	-7.02	-1.28
3840	19.68	-7.06	-1.42
3850	19.98	-6.99	-1.35
3860	19.07	-7.2	-1.73
3870	19.37	-7.13	-1.64
3880	20.09	-6.97	-1.53
3890	19.84	-7.03	-1.43
3900	19.36	-7.13	-1.6
3910	18.64	-7.3	-1.91
3920	20.86	-6.81	-1.32
3930	22.1	-6.56	-1.07
3940	22.75	-6.43	-0.9
3950	19.82	-7.03	-1.6
3960	20.29	-6.93	-1.52
3970	22.41	-6.49	-1.14
3980	24.32	-6.14	-0.77
3990	23.28	-6.33	-0.94
4000	20.94	-6.79	-1.34
4010	20.09	-6.97	-1.67
4020	20.99	-6.78	-1.5
4030	22.11	-6.55	-1.3
4040	22.85	-6.41	-1.22
4050	24.24	-6.15	-1.19
4060	22.85	-6.41	-1.61
4070	22.61	-6.46	-1.6
4080	24.37	-6.13	-1.4
4090	27.1	-5.67	-0.89
4100	26.73	-5.73	-0.76
4110	24.49	-6.11	-1.11
4120	23.9	-6.22	-0.95
4130	26.16	-5.82	-0.45
4140	27.18	-5.66	-0.3
4150	28.13	-5.51	-0.1
4160	25.38	-5.96	-0.63
4170	25.59	-5.92	-0.69
4180	24.58	-6.09	-0.84
4190	26.2	-5.82	-0.37
4200	26.23	-5.81	-0.46
3300	21	-6.78	-1.43
3310	23.57	-6.28	-0.98
3320	25.72	-5.9	-0.74
3330	25.59	-5.92	-0.66
3340	24.29	-6.15	-0.87
3350	26.6	-5.75	-0.27
3360	28.57	-5.44	0.06
3370	28.08	-5.52	0.14
3380	28.43	-5.46	0.39
3390	30.25	-5.19	0.72
3400	32.19	-4.92	1.1
3410	28.68	-5.42	0.66
3420	30.15	-5.21	0.81
3430	32.75	-4.85	1.25
3440	32.59	-4.87	1.29
3450	29.96	-5.24	0.86
3460	28.8	-5.41	0.56
3470	29.94	-5.24	0.61
3480	31.49	-5.02	0.75
3490	30.41	-5.17	0.58
3500	28.37	-5.47	0.14
3510	29.34	-5.32	0.14
3520	29.55	-5.29	0.1
3530	28.08	-5.52	-0.41
3540	27.65	-5.58	-0.4
3550	29.02	-5.37	-0.42
3560	26.31	-5.8	-0.88
3570	24.96	-6.03	-0.93
3580	21.95	-6.59	-1.38
3590	23.06	-6.37	-1
3600	23.05	-6.37	-0.96
3610	20.81	-6.82	-1.17
3620	18.62	-7.3	-1.56
3630	18.88	-7.24	-1.33
3640	20	-6.99	-0.97
3650	20.69	-6.84	-0.67
3660	19.31	-7.14	-0.93
3670	18.28	-7.38	-1.24
3680	18.53	-7.32	-1.07
3690	18.47	-7.33	-1.13

ANT4

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)				
3300	17.5	-7.57	-2.94				
3310	17.98	-7.45	-2.84				
3320	18.9	-7.24	-2.95				
3330	18.68	-7.29	-3.18				
3340	17.88	-7.48	-3.37				
3350	18.26	-7.38	-3.4	3790	17.35	-7.61	-2.75
3360	18.2	-7.4	-3.38	3800	17.31	-7.62	-2.82
3370	16.73	-7.76	-3.6	3810	19.85	-7.02	-2.31
3380	17.28	-7.63	-3.28	3820	20.17	-6.95	-2.13
3390	19.16	-7.18	-2.76	3830	20.81	-6.82	-2.03
3400	21.44	-6.69	-2.14	3840	21.11	-6.76	-1.88
3410	17.95	-7.46	-2.83	3850	21.79	-6.62	-1.83
3420	18.37	-7.36	-2.86	3860	20.93	-6.79	-1.85
3430	19.38	-7.13	-2.44	3870	21.68	-6.64	-1.6
3440	20.33	-6.92	-2.06	3880	23.38	-6.31	-1.23
3450	19.28	-7.15	-2.31	3890	23.33	-6.32	-1.18
3460	17.94	-7.46	-2.51	3900	22.48	-6.48	-1.39
3470	17.22	-7.64	-2.6	3910	21.43	-6.69	-1.47
3480	17.62	-7.54	-2.3	3920	23.69	-6.25	-0.92
3490	16.64	-7.79	-2.54	3930	26.39	-5.79	-0.38
3500	16.16	-7.92	-2.49	3940	26.65	-5.74	-0.26
3510	17.08	-7.68	-2.1	3950	22.76	-6.43	-1.01
3520	17.28	-7.63	-1.98	3960	22.48	-6.48	-0.92
3530	16.42	-7.85	-2.23	3970	25.02	-6.02	-0.55
3540	16.32	-7.87	-2.17	3980	26.77	-5.72	-0.06
3550	18.38	-7.36	-1.64	3990	26.15	-5.82	-0.21
3560	18.06	-7.43	-1.56	4000	23.34	-6.32	-0.49
3570	17.43	-7.59	-1.74	4010	22.55	-6.47	-0.67
3580	15.07	-8.22	-2.18	4020	23.27	-6.33	-0.39
3590	16.19	-7.91	-1.94	4030	25.07	-6.01	0
3600	16.91	-7.72	-1.65	4040	25.56	-5.92	0.03
3610	16.37	-7.86	-1.8	4050	26.71	-5.73	0.35
3620	15.04	-8.23	-2.15	4060	25.03	-6.01	0.02
3630	15.03	-8.23	-2.26	4070	24.55	-6.1	-0.12
3640	15.93	-7.98	-2.2	4080	25.5	-5.93	-0.01
3650	16.59	-7.8	-2.08	4090	26.71	-5.73	0.19
3660	16.11	-7.93	-2.33	4100	24.42	-6.12	-0.28
3670	15.21	-8.18	-2.8	4110	21.56	-6.66	-0.87
3680	14.93	-8.26	-2.95	4120	20.91	-6.8	-0.94
3690	14.38	-8.42	-3.4	4130	22	-6.58	-0.79
3700	14.63	-8.35	-3.46	4140	21.44	-6.69	-0.95
3710	16	-7.96	-3.15	4150	20.7	-6.84	-1.21
3720	17.74	-7.51	-2.73	4160	17.93	-7.46	-1.8
3730	17.08	-7.67	-2.89	4170	18.23	-7.39	-1.79
3740	15.47	-8.1	-3.14	4180	18.07	-7.43	-1.8
3750	15.54	-8.09	-3.12	4190	18.45	-7.34	-1.66
3760	17.01	-7.69	-2.79	4200	17.65	-7.53	-2.13
3770	17.91	-7.47	-2.54				
3780	16.79	-7.75	-2.74				
2500	22.56	-6.47	-3.28				
2510	23.05	-6.37	-2.98				
2520	23.88	-6.22	-2.7				
2530	23.95	-6.21	-2.53				
2540	23.56	-6.28	-2.43				
2550	23.64	-6.26	-2.21				
2560	24.09	-6.18	-1.76				
2570	24.64	-6.08	-1.36				
2580	23.37	-6.31	-1.37				
2590	22.58	-6.46	-1.35				
2600	22.86	-6.41	-1.3				
2610	22.21	-6.53	-1.36				
2620	20.46	-6.89	-1.75				
2630	19.56	-7.09	-1.95				
2640	19.53	-7.09	-2.05				
2650	19.24	-7.16	-2.21				
2660	18.63	-7.3	-2.42				
2670	18.29	-7.38	-2.68				
2680	18.62	-7.3	-2.65				
2690	18.17	-7.41	-2.78				
2700	18.45	-7.34	-2.77				

ANT5

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
3300	6.26	-12.03	-6.34
3320	7.15	-11.46	-5.75
3340	6.59	-11.81	-6.03
3360	7.51	-11.24	-5.18
3380	8.21	-10.86	-4.7
3400	9.3	-10.32	-4.07
3420	8.6	-10.66	-4.46
3440	9.41	-10.27	-4.13
3460	7.28	-11.38	-5.24
3480	7.6	-11.19	-5.2
3500	6.66	-11.77	-5.75
3520	6.35	-11.98	-5.98
3540	6.15	-12.11	-6
3560	5.79	-12.37	-6.57
3580	4.77	-13.22	-7.41
3600	5.83	-12.35	-7.09
3620	5.04	-12.97	-8.42
3640	5.91	-12.29	-7.99
3660	6.46	-11.9	-8
3680	6.43	-11.92	-7.83
3700	7.45	-11.28	-6.99
3720	9.31	-10.31	-5.63
3740	8.4	-10.76	-5.76
3760	11.14	-9.53	-4.15
3780	10.31	-9.87	-4.46
3800	11.75	-9.3	-3.86
3820	13.59	-8.67	-3.46
3840	13.53	-8.69	-3.67
3860	14.52	-8.38	-3.76
3880	16.84	-7.74	-2.82
3900	18.14	-7.41	-2.42
3920	19.49	-7.1	-1.9
3940	21.27	-6.72	-1.42
3960	19.92	-7.01	-1.56
3980	20.19	-6.95	-1.39
4000	16.82	-7.74	-2.18
4020	14.58	-8.36	-2.57
4040	13.26	-8.77	-2.79
4060	12.51	-9.03	-2.99
4080	10.6	-9.75	-3.63
4100	10.35	-9.85	-3.9
4120	9.01	-10.45	-4.31
4140	8.67	-10.62	-4.75
4160	8.79	-10.56	-4.88
4180	7.92	-11.01	-5.42
4200	8	-10.97	-5.4
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2500	23.39	-6.31	-1.77
2510	21.77	-6.62	-2.34
2520	22.39	-6.5	-2.2
2530	22.98	-6.39	-2.06
2540	23.39	-6.31	-1.6
2550	25.17	-5.99	-1.06
2560	27.47	-5.61	-0.47
2570	28.77	-5.41	-0.03
2580	29.43	-5.31	0.19
2590	30.06	-5.22	0.53
2600	31.14	-5.07	0.77
2610	32.56	-4.87	1.17
2620	31.1	-5.07	0.97
2630	31.1	-5.07	1.05
2640	31.88	-4.97	1.19
2650	32.03	-4.94	1.36
2660	31.4	-5.03	1.38
2670	30.49	-5.16	1.35
2680	29.53	-5.3	1.28
2690	28.58	-5.44	1.17
2700	28.44	-5.46	1.2

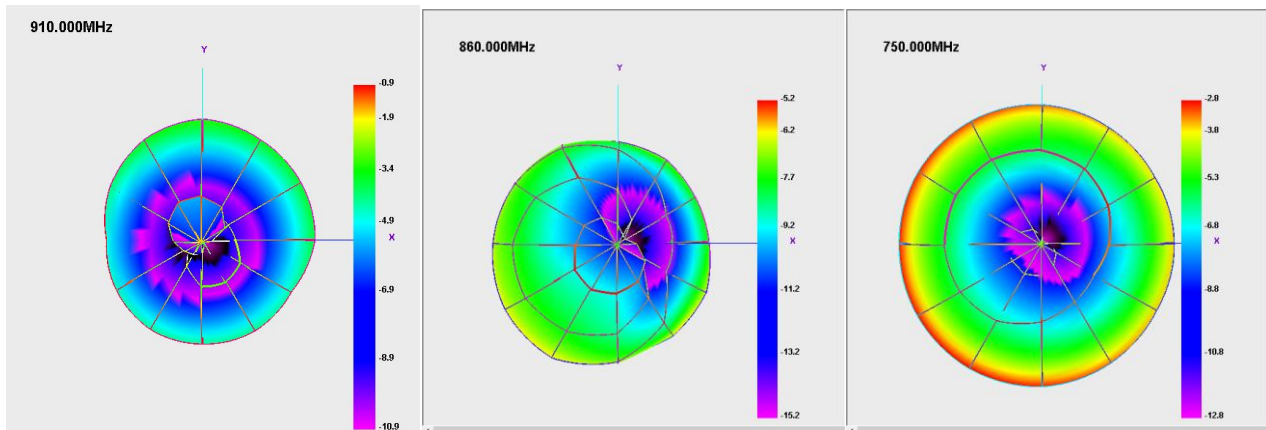
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Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1550	23.82	-6.23	1.82	2400	31.06	-5.08	0.64
1555	24.23	-6.16	1.8	2410	30.1	-5.21	0.16
1560	25.77	-5.89	1.99	2420	30.62	-5.14	0.04
1565	25.97	-5.85	1.92	2430	30.19	-5.2	-0.15
1570	26.34	-5.79	1.9	2440	30.71	-5.13	-0.11
1575	26.45	-5.78	1.86	2450	31.35	-5.04	-0.05
1580	26.5	-5.77	1.8	2460	29.84	-5.25	-0.24
1585	26.47	-5.77	1.71	2470	28.62	-5.43	-0.65
1590	25.38	-5.96	1.45	2480	28.17	-5.5	-0.93
1595	24.84	-6.05	1.36	2490	28.32	-5.48	-1.33
1600	23.51	-6.29	1.15	2500	28.43	-5.46	-1.25

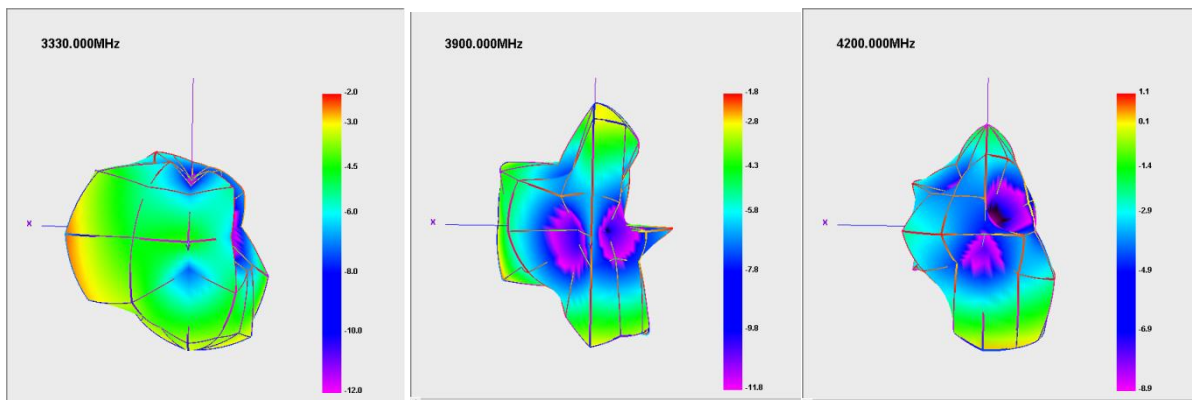
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)				
5150	24.34	-6.14	-2.94				
5160	25.05	-6.01	-2.67				
5170	24.58	-6.09	-3.01				
5180	24.4	-6.13	-2.98				
5190	23.94	-6.21	-3.03				
5200	23.82	-6.23	-2.81				
5210	25.46	-5.94	-2.58				
5220	25.51	-5.93	-2.47				
5230	26.68	-5.74	-2.03				
5240	25.06	-6.01	-2.51	5550	25.69	-5.9	-2.57
5250	24.46	-6.12	-2.59	5560	25.59	-5.92	-2.57
5260	25.17	-5.99	-2.41	5570	25.62	-5.91	-2.54
5270	25.28	-5.97	-2.31	5580	25.58	-5.92	-2.58
5280	25.51	-5.93	-2.42	5590	24.88	-6.04	-2.53
5290	26.37	-5.79	-2.18	5600	24.88	-6.04	-2.64
5300	25.06	-6.01	-2.33	5610	23.47	-6.29	-2.86
5310	24.58	-6.09	-2.51	5620	23.18	-6.35	-2.73
5320	26.1	-5.83	-2.28	5630	22.49	-6.48	-2.89
5330	25.18	-5.99	-2.51	5640	22.37	-6.5	-2.98
5340	26.35	-5.79	-2.55	5650	21.69	-6.64	-3.16
5350	27.04	-5.68	-2.44	5660	21.92	-6.59	-3.31
5360	25.37	-5.96	-2.73	5670	21.48	-6.68	-3.27
5370	25.28	-5.97	-2.79	5680	21.99	-6.58	-3.09
5380	26.32	-5.8	-2.67	5690	20.89	-6.8	-3.22
5390	24.59	-6.09	-3.03	5700	20.41	-6.9	-3.47
5400	29.06	-5.37	-2.2	5710	19.28	-7.15	-3.4
5410	28.15	-5.5	-2.16	5720	19.26	-7.15	-3.37
5420	28.4	-5.47	-2.34	5730	20.08	-6.97	-3.29
5430	27.93	-5.54	-2.17	5740	19.9	-7.01	-3.17
5440	27.91	-5.54	-2.12	5750	20.01	-6.99	-2.99
5450	27.62	-5.59	-2.13	5760	18.62	-7.3	-3.19
5460	27.86	-5.55	-1.96	5770	19.23	-7.16	-2.98
5470	27.31	-5.64	-2.13	5780	19.02	-7.21	-2.93
5480	26.14	-5.83	-2.36	5790	18.63	-7.3	-3.18
5490	26.17	-5.82	-2.4	5800	18.18	-7.4	-3.09
5500	25.65	-5.91	-2.55	5810	18.2	-7.4	-3.24
5510	25.56	-5.92	-2.52	5820	18.67	-7.29	-2.81
5520	26.18	-5.82	-2.66	5830	19.02	-7.21	-2.76
5530	26.63	-5.75	-2.56	5840	19.44	-7.11	-2.7
5540	26.72	-5.73	-2.33	5850	20.56	-6.87	-2.42

4.2 Antenna radiation pattern

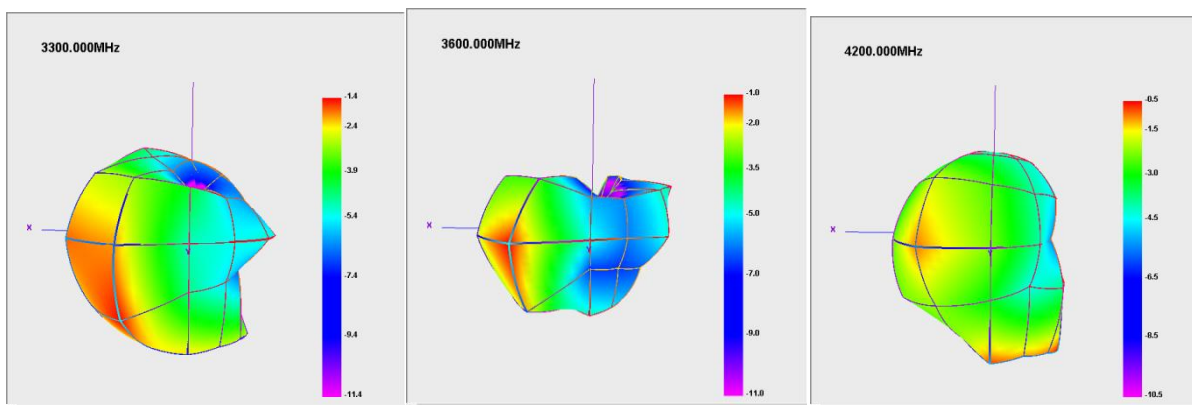
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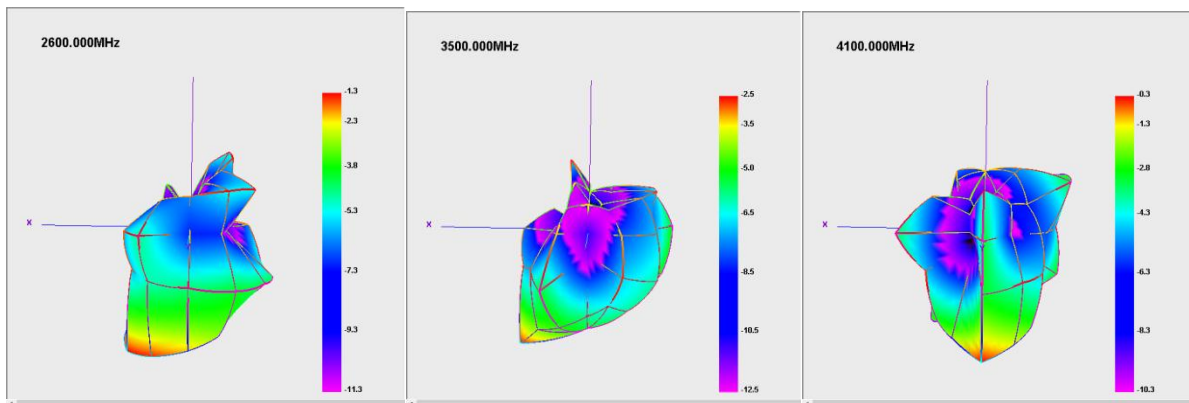
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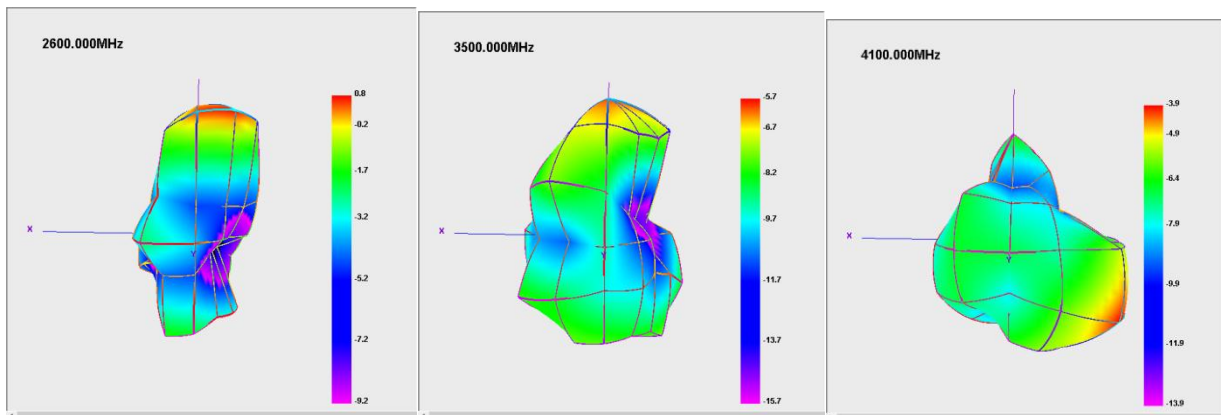
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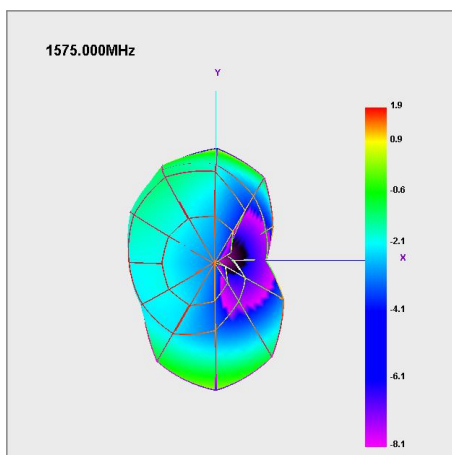
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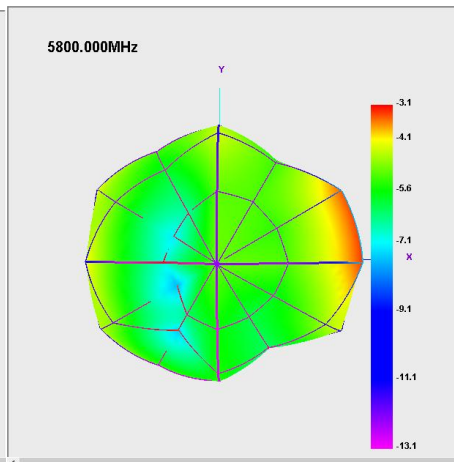
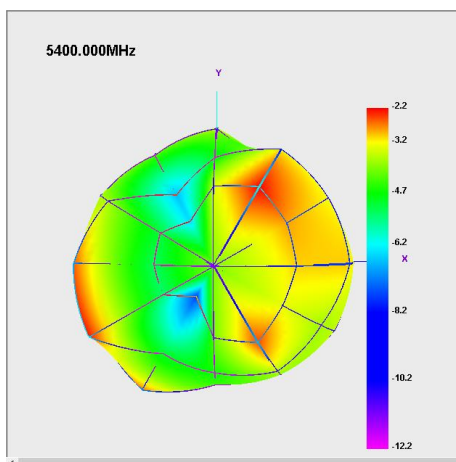
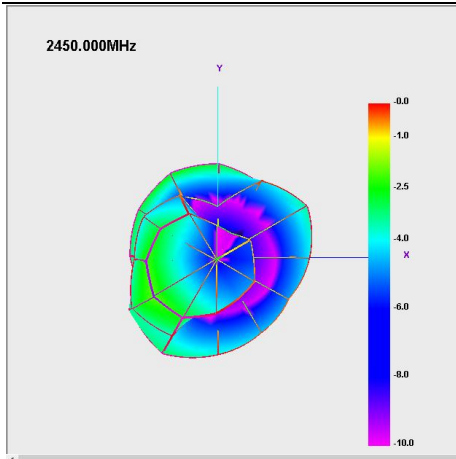


ANT5



GPS



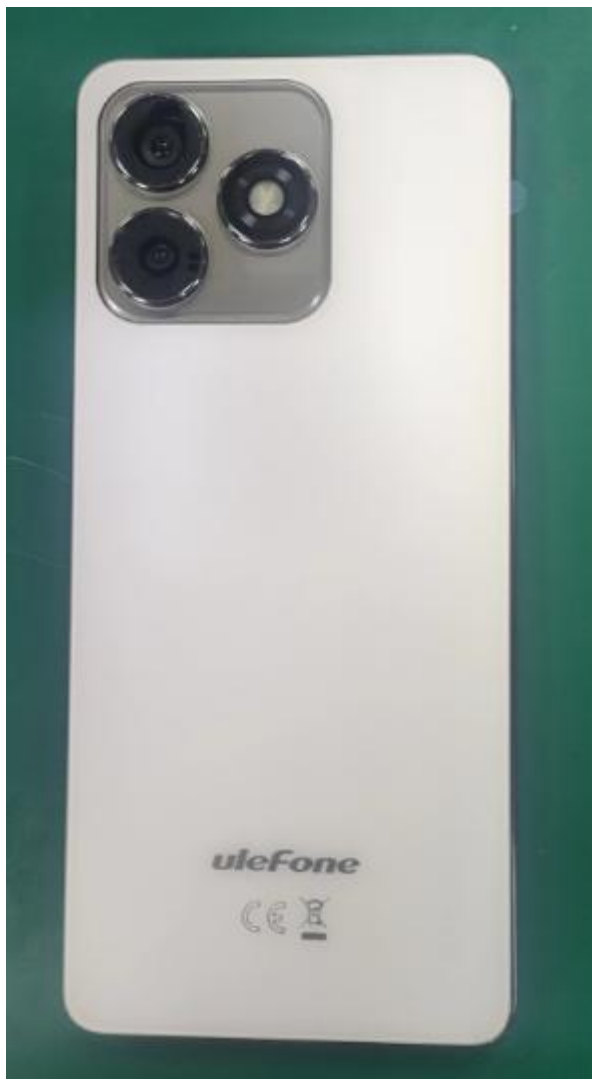


5. Equipment List

Type of Equipment	Manufacture	Model Number
Network Analyzer	Agilent Technologies	E5071B
Switch control System	GTS	RayZone1800
Software	GTS	MaxSign 100 Patten Measurement software

ANNEX B: The EUT Appearance and Test Configuration

B.1 EUT Appearance



B.2 Test Configuration

