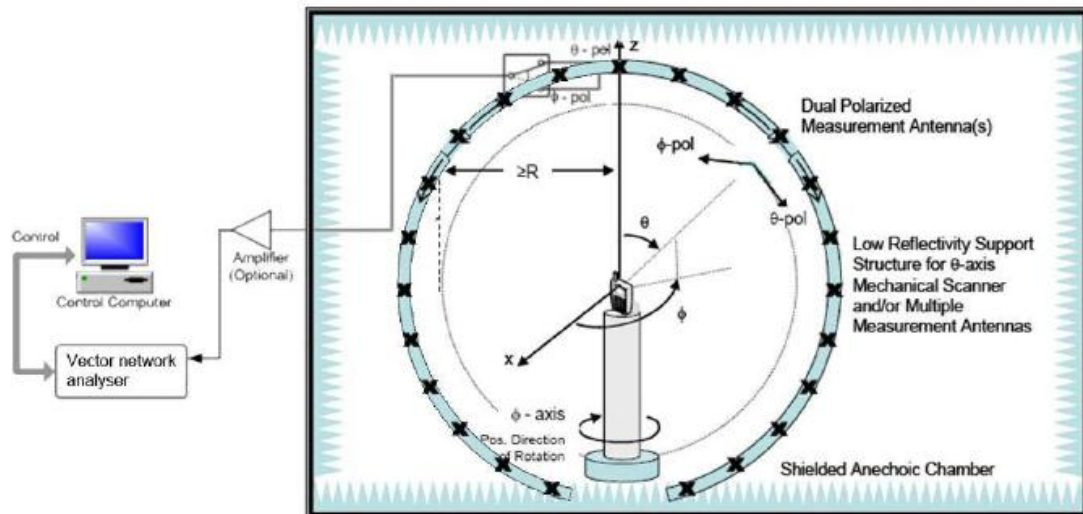


Antenna Specification

Antenna Manufacturer	Shenzhen cape deep communication technology co., LTD
Address	2nd Floor, Yulong Office Building, Longcheng Industrial Zone, No. 440 Longguan Avenue, Dalang Street, Longhua District, Shenzhen, China
Antenna Model	GD1, GD2
Antenna Type	PIFA Antenna
Antenna Gain	BT: -6.52dBi, WIFI: -6.53dBi
Frequency Rang	2400-2500MHz
VSWR	≤ 2
Input Impedance	50 Ω

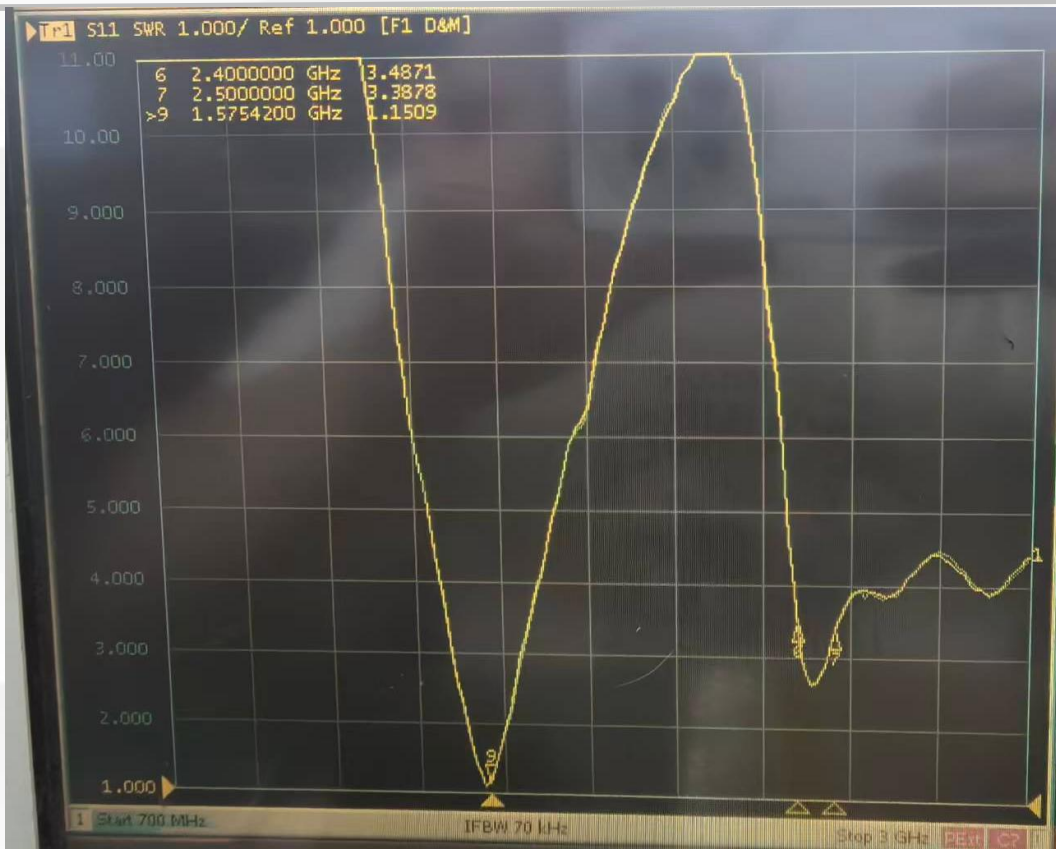
Measurement Result





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WIFI Antenna S11 SWR



深圳市凯普深通讯科技有限公司

Shenzhen cape deep communication technology co., LTD



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BT Antenna S11 SWR



深圳市凯普深通讯科技有限公司

Shenzhen cape deep communication technology co., LTD



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WIFI Antenna Test Data

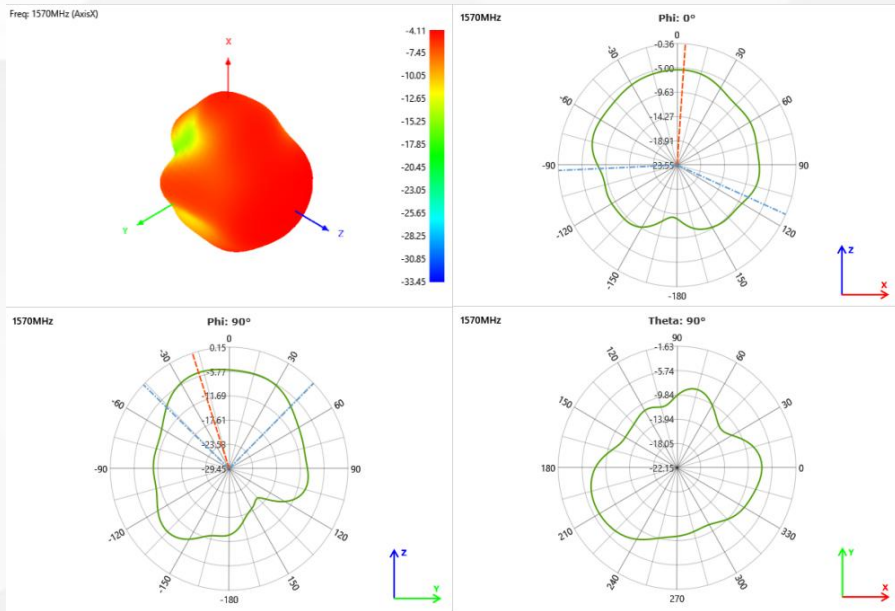
Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
1500	-4.93	-9.52	11.16
1510	-4.95	-9.28	11.8
1520	-4.74	-8.86	12.99
1530	-4.12	-8.83	13.09
1540	-4.1	-8.58	13.87
1550	-4.53	-8.36	14.58
1560	-4.61	-8.25	14.97
1570	-4.11	-8.21	15.11
1580	-4.24	-8.16	15.26
1590	-4.43	-8.39	14.49
1600	-4.56	-8.52	14.06

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-9.67	-15	3.16
2410	-9.13	-14.44	3.6
2420	-8.92	-14.03	3.95
2430	-8.41	-13.56	4.4
2440	-8.24	-13.16	4.84
2450	-8.1	-12.89	5.15
2460	-8.03	-12.66	5.42
2470	-7.76	-12.38	5.78
2480	-7.31	-12.22	6
2490	-6.94	-12.11	6.15
2500	-6.53	-11.99	6.32



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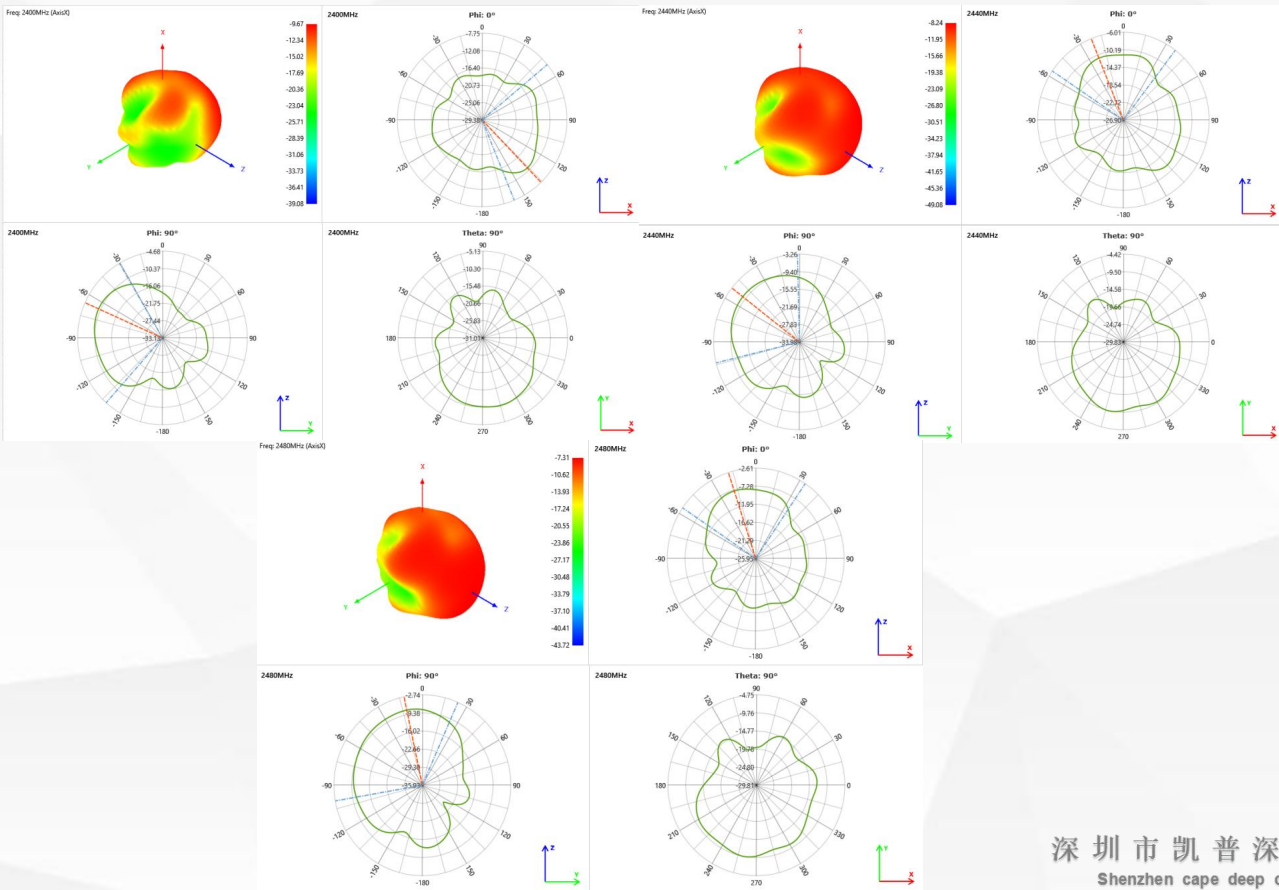
WIFI Antenna Test Diagram





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WIFI Antenna Test Diagram





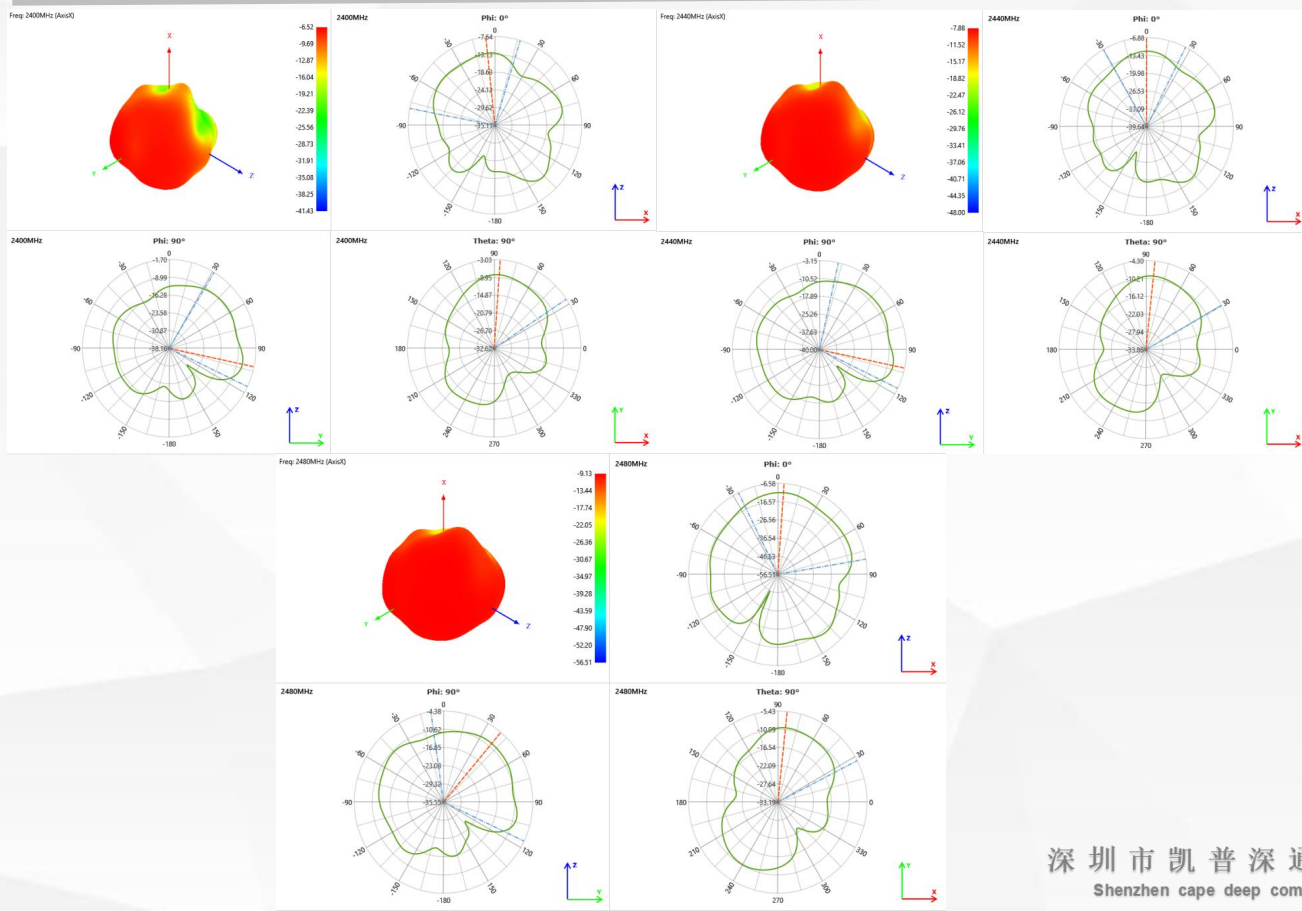
BT Antenna Test Data

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-6.52	-12.97	5.05
2410	-6.9	-13.06	4.94
2420	-7.12	-13.12	4.88
2430	-7.5	-13.37	4.61
2440	-7.88	-13.51	4.46
2450	-8.23	-13.61	4.35
2460	-8.62	-13.8	4.17
2470	-9	-13.84	4.13
2480	-9.13	-13.75	4.22
2490	-9.16	-13.72	4.24
2500	-9.06	-13.65	4.31



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BT Antenna Test Diagram



Antenna Size Diagram

