



东莞市一佳电子通讯科技有限公司

Antenna Test Report

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Tester : Liu tao

Approval : Yin tao

Date : 2026 /01/ 29

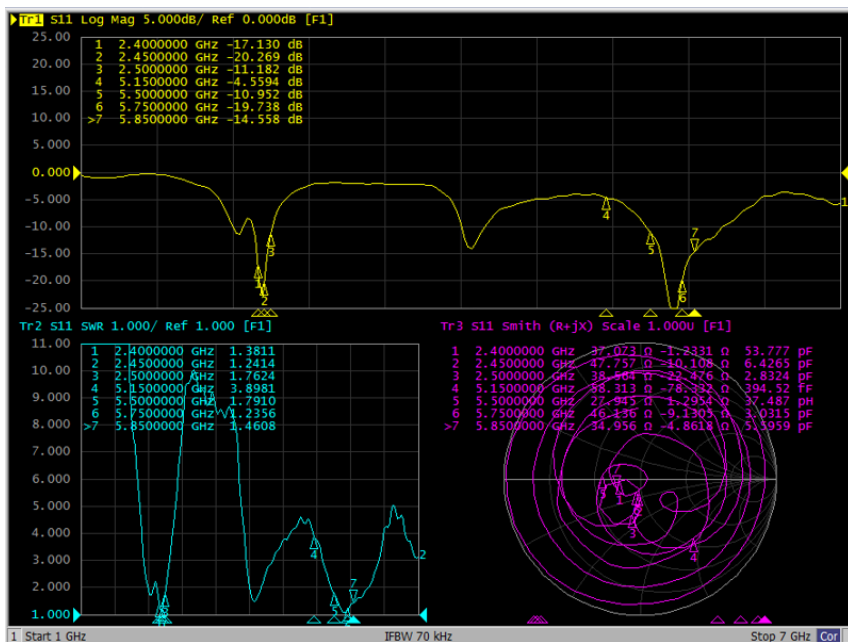
真诚 务实 开拓 创新



Project name		A35
Name of antenna Antenna Type		FPC
Antenna form		PIFA
Radiate		Omni-directional
Polarization		Line polarization
Device calibration date	5071C	2025/06/15~2026/06/15
	General Test	2025/08/20~2026/08/20



Agilent E5071C S11 Parameter Test // WIFI Antenna



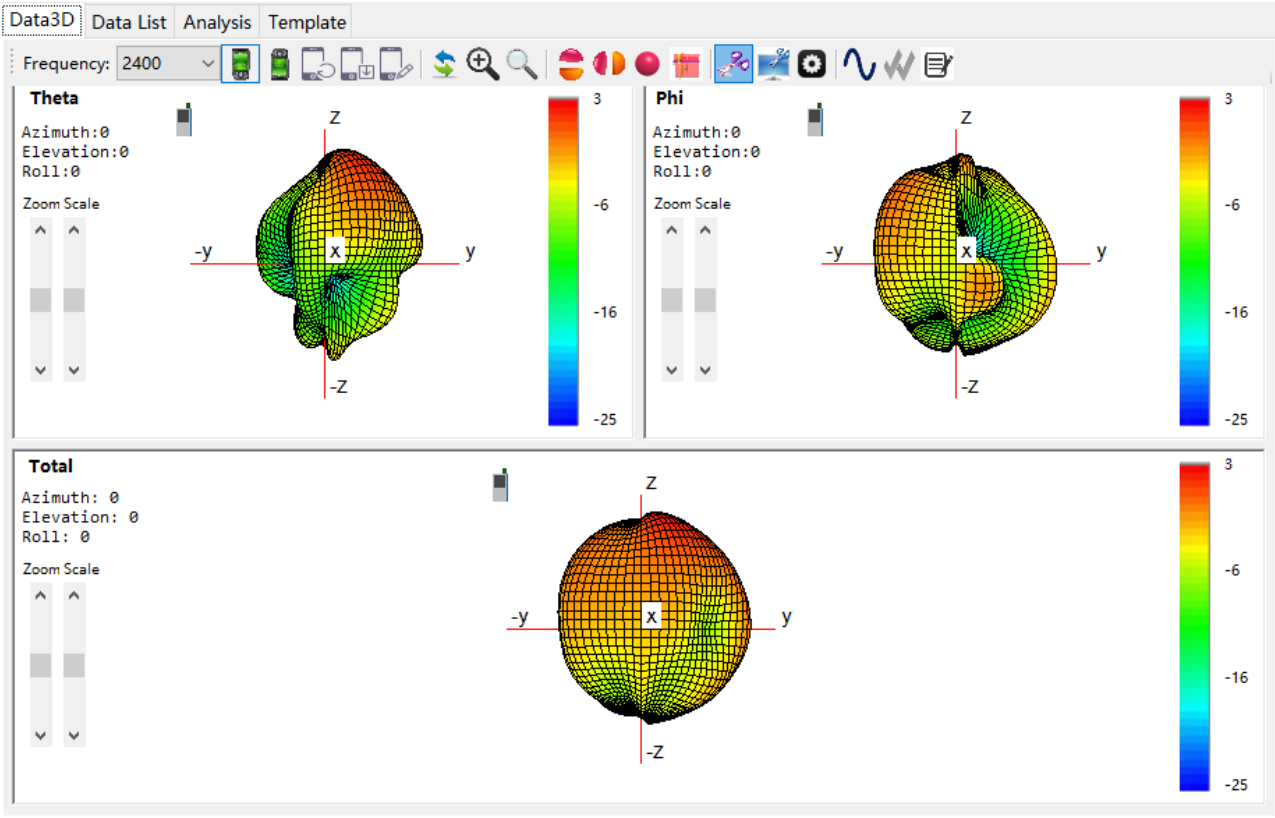


Passive Test For WiFi /BT Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	48.3	-3.1	2.2
2410	49.2	-3.0	2.3
2420	48.7	-3.1	2.1
2430	48.2	-3.1	2.0
2440	47.1	-3.2	1.8
2450	45.1	-3.4	1.4
2460	43.6	-3.6	1.1
2470	42.5	-3.7	0.9
2480	40.9	-3.8	0.7
2490	38.8	-4.1	0.5
2500	36.9	-4.3	0.3

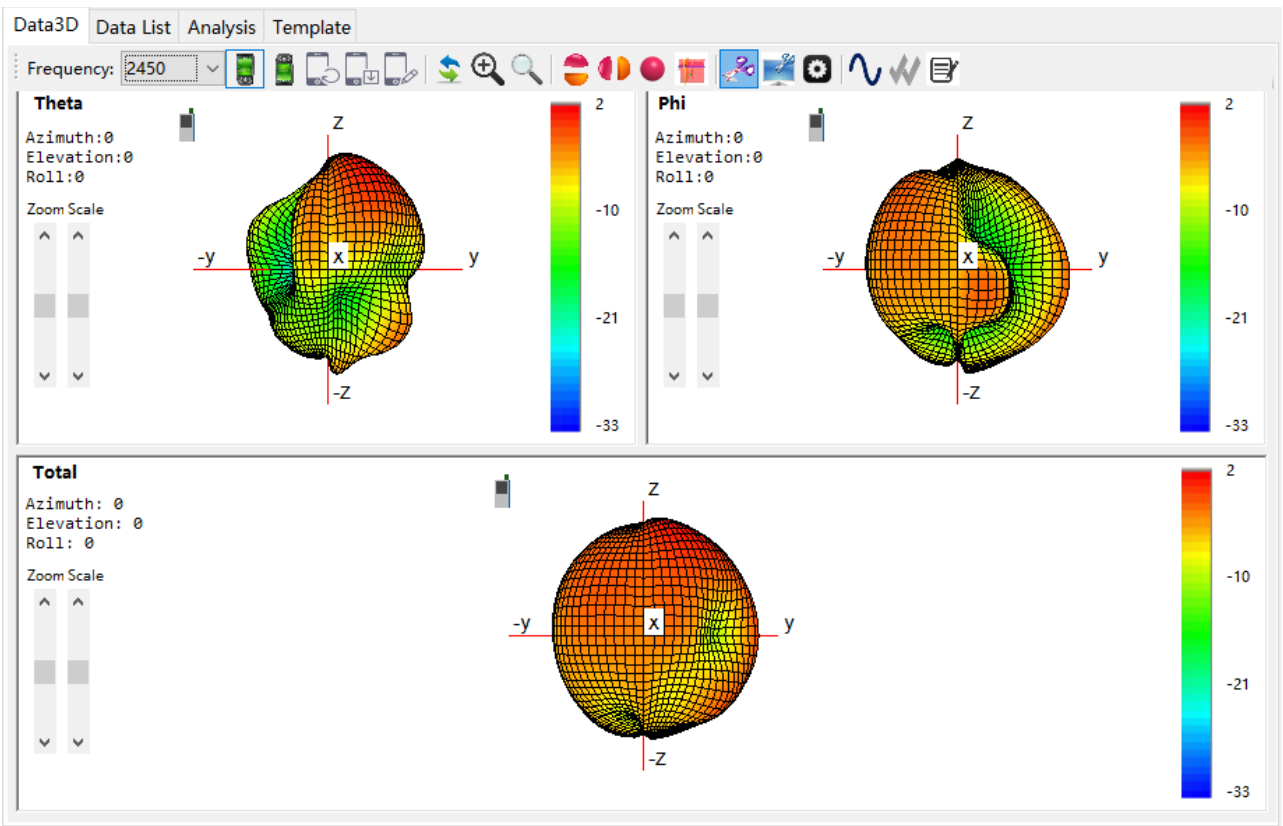


Radiation Pattern For WIFI Antenna (2400MHz)



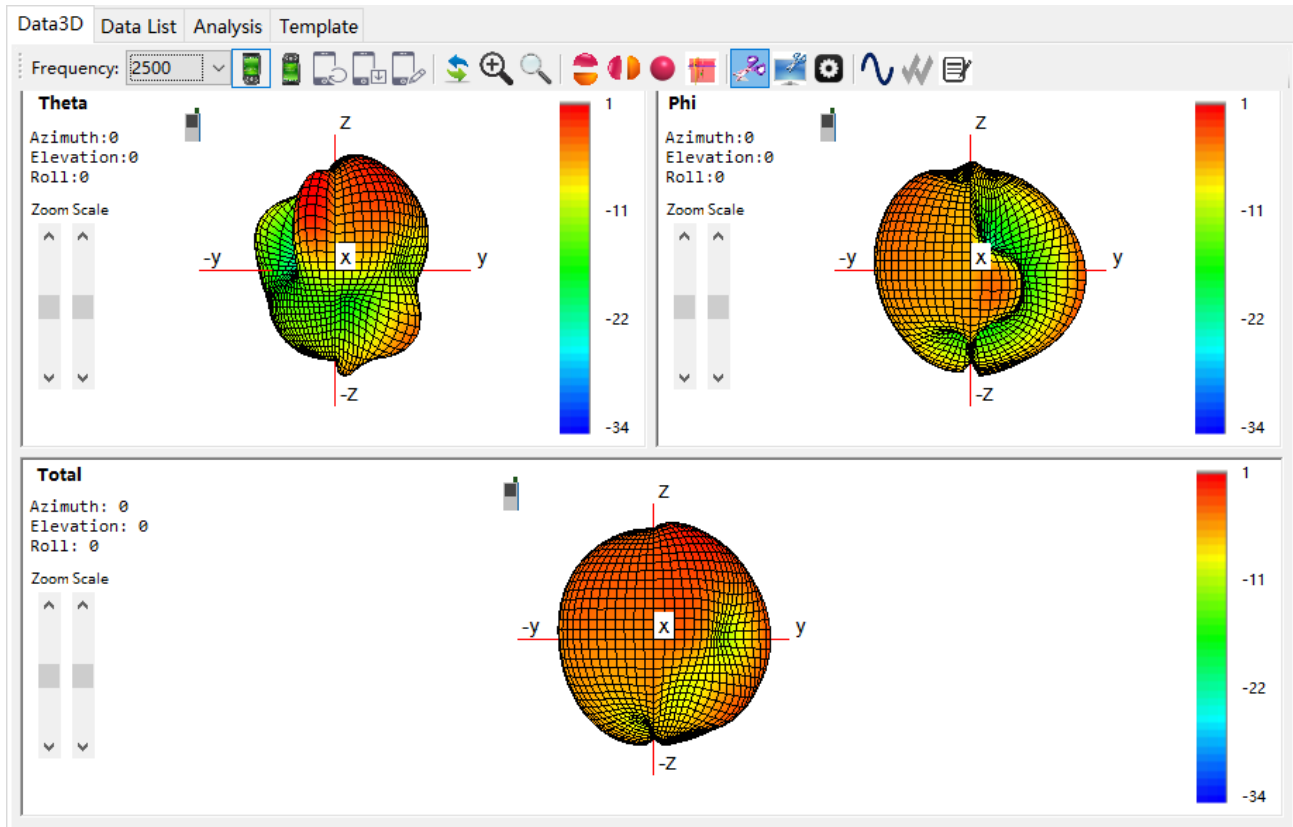


Radiation Pattern For WIFI Antenna (2450MHz)





Radiation Pattern For WIFI Antenna (2500MHz)



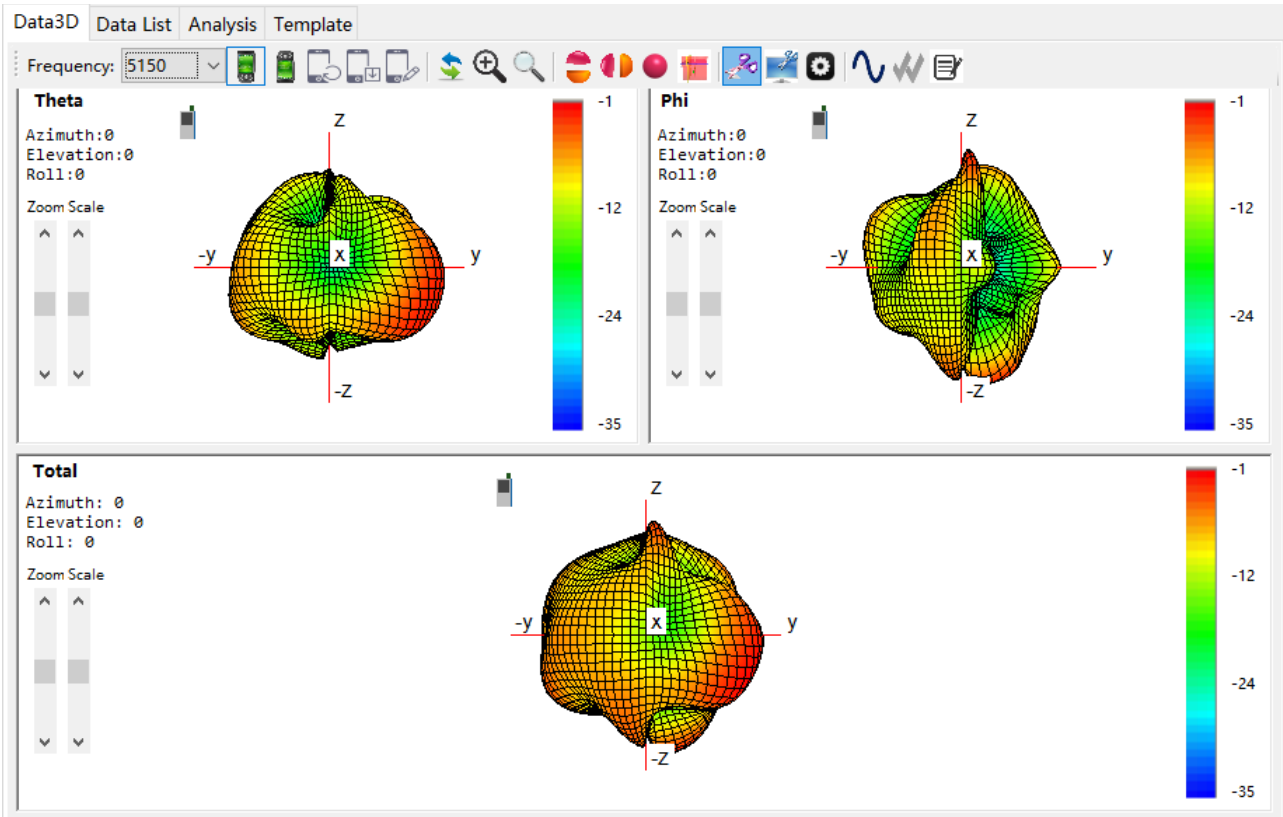


Passive Test For WiFi Antenna(5G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	24.2	-6.1	-1.2
5200	25.5	-5.9	-0.6
5250	26.7	-5.7	-0.2
5300	28.1	-5.5	0.2
5350	29.9	-5.2	0.3
5400	31.5	-5.2	0.6
5450	33.1	-4.7	0.1
5500	32.1	-4.9	0.2
5550	36.5	-4.3	0.5
5600	41.1	-3.8	0.7
5650	45.9	-3.3	1.2
5700	46.6	-3.3	1.2
5750	44.9	-3.4	0.8
5800	47.1	-3.2	0.9
5850	45.2	-3.4	0.9

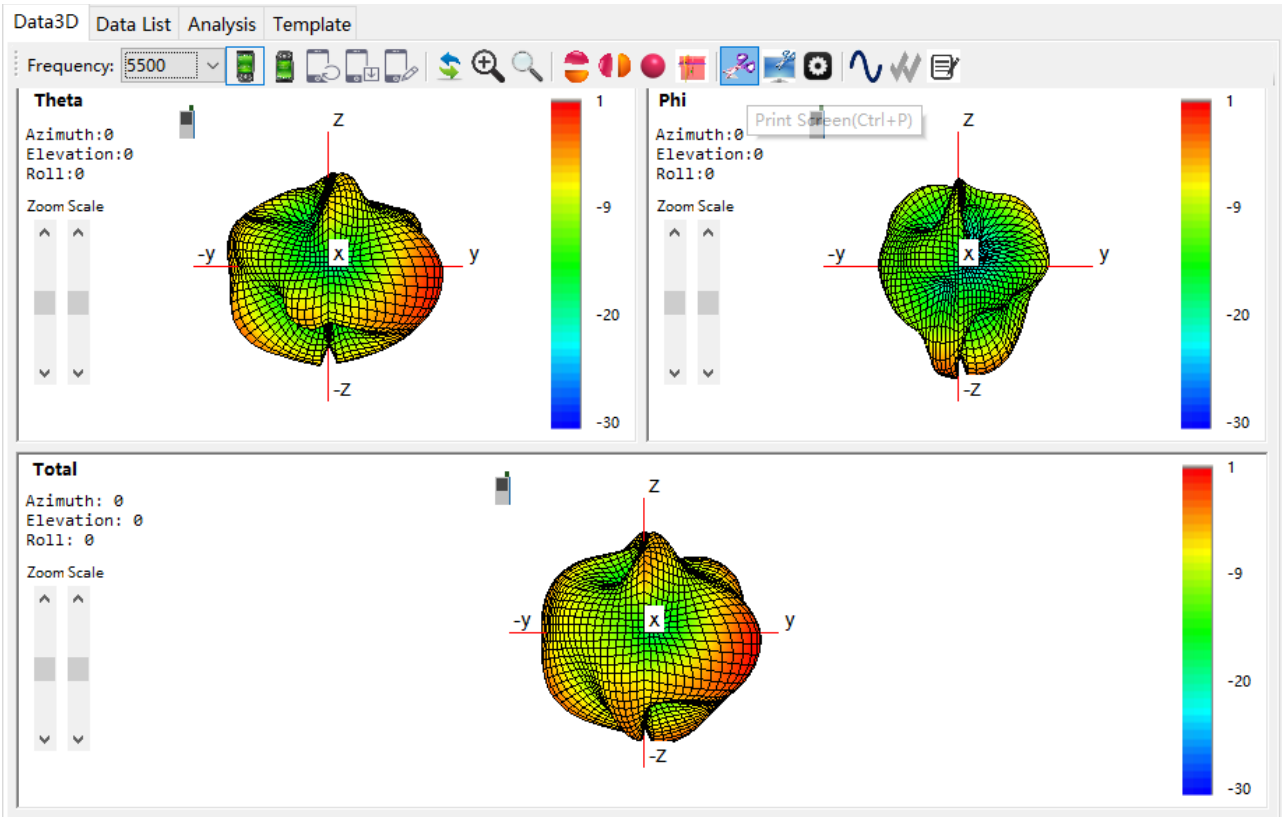


Radiation Pattern For WIFI Antenna (5150MHz)



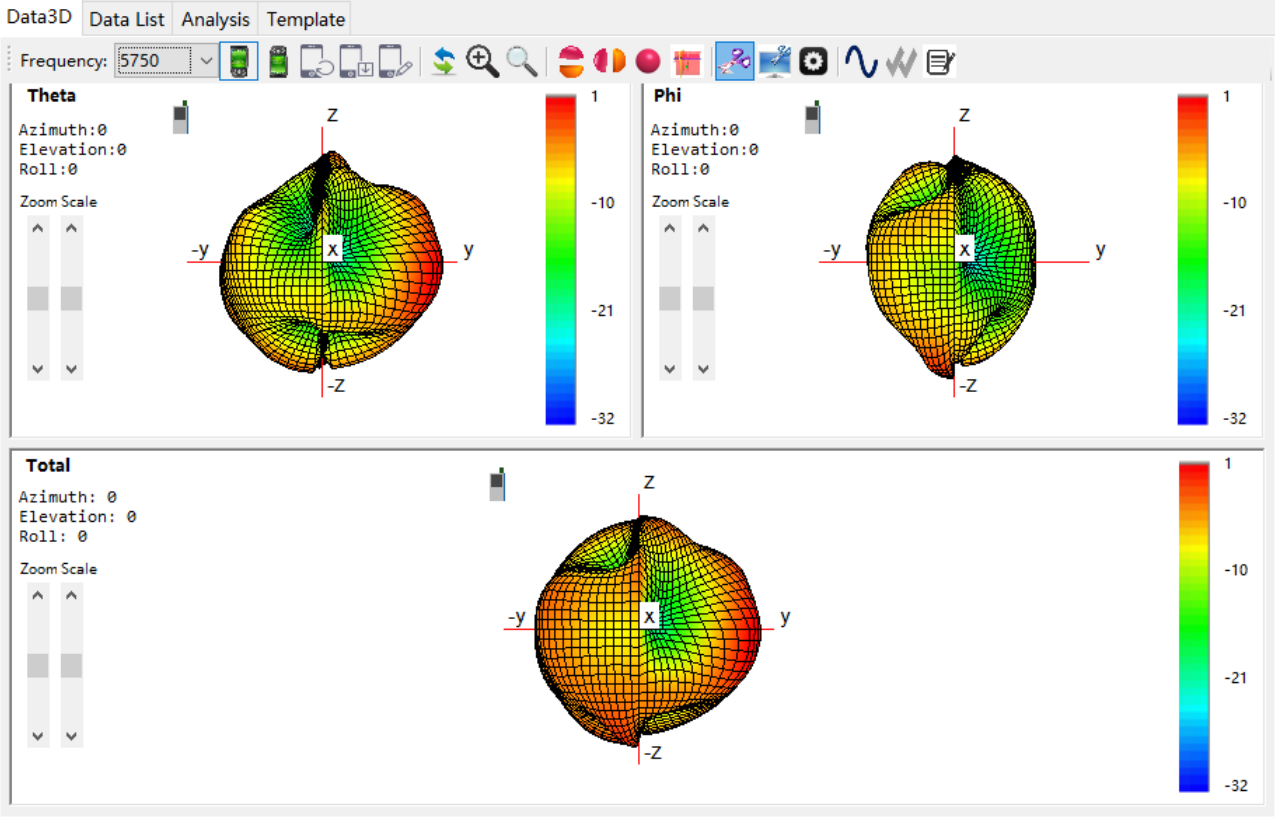


Radiation Pattern For WIFI Antenna (5500MHz)



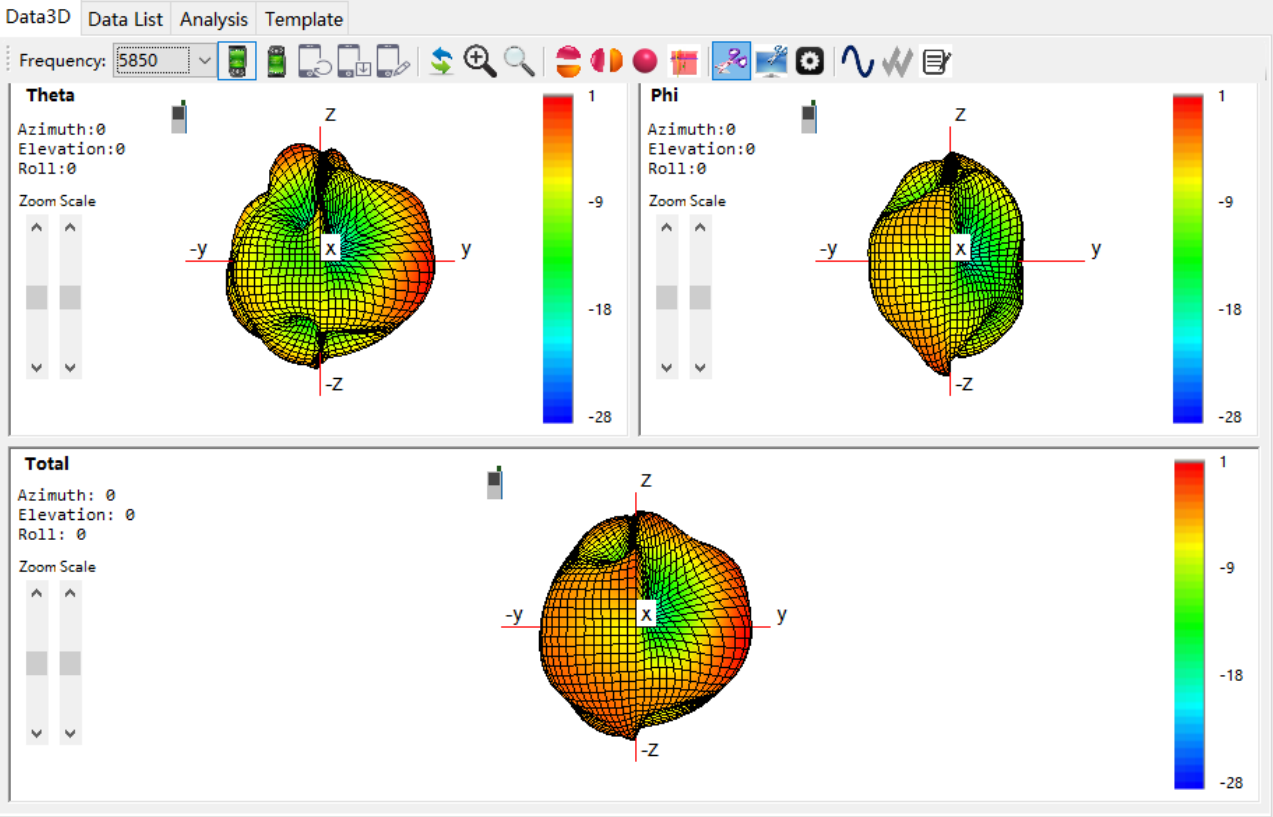


Radiation Pattern For WIFI Antenna (5750MHz)





Radiation Pattern For WIFI Antenna (5850MHz)



NFC Antenna type: Loop
Size: 67.24*63.40mm