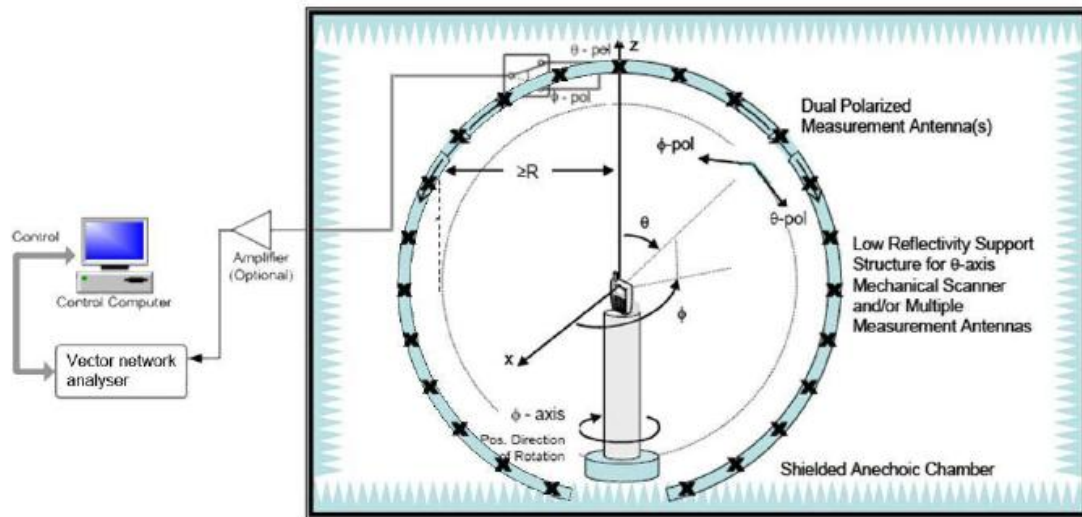


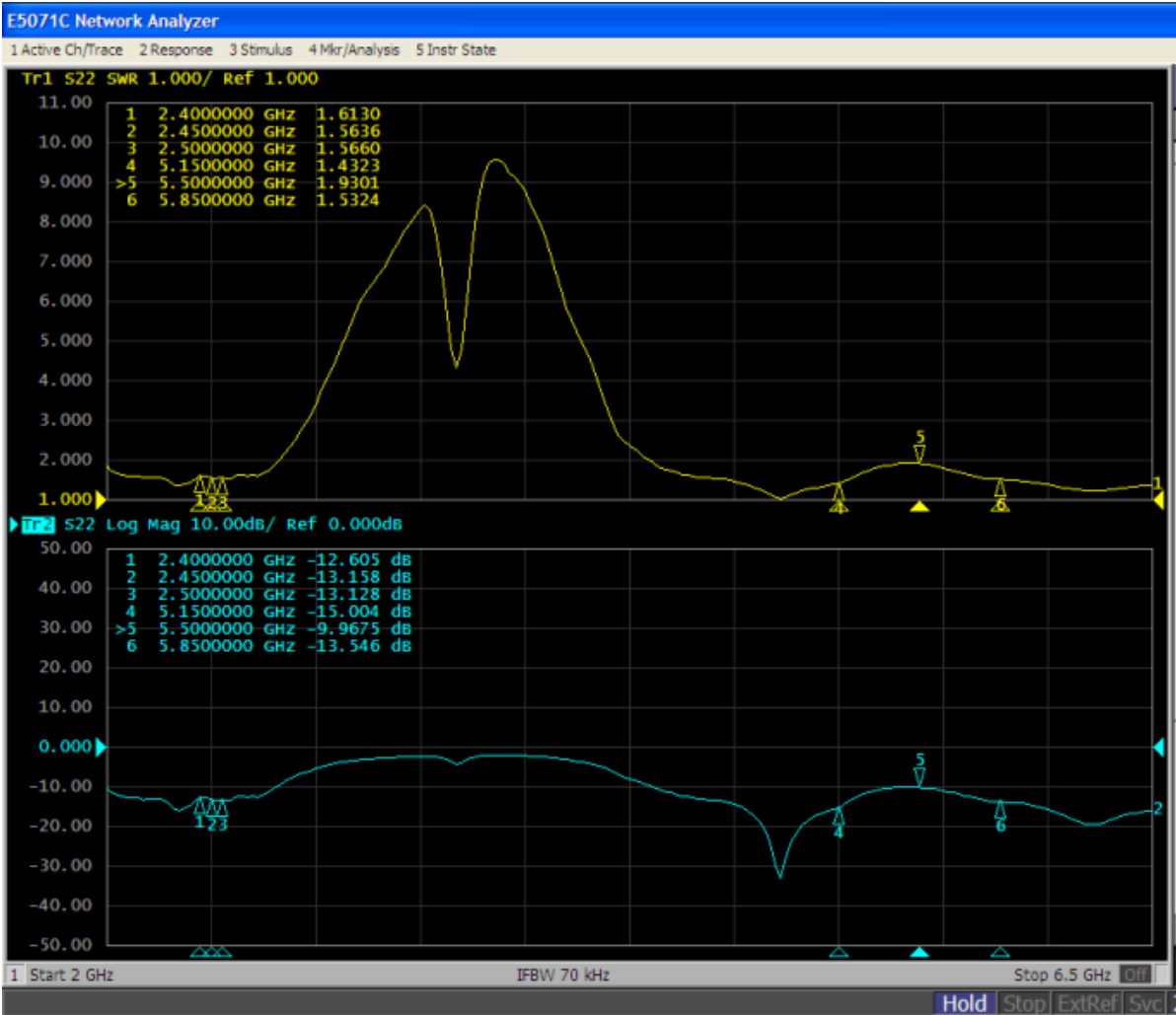
Antenna Specification

Antenna Manufacturer	Tengxiang Electronics Co., Ltd.
Address	NO.53 Shatou ShaChong Road, ChangAn Town, Guangdong province, China
Antenna Model	AN2450-FPC369BX
Antenna Type	FPC Antenna
Antenna Gain	2.4G: 2.92dBi Max, 5G: 2.22dBi Max
Frequency Rang	2400-2500MHz, 5150-5850MHz
VSWR	≤ 2
Input Impedance	50 Ω

Test Setup



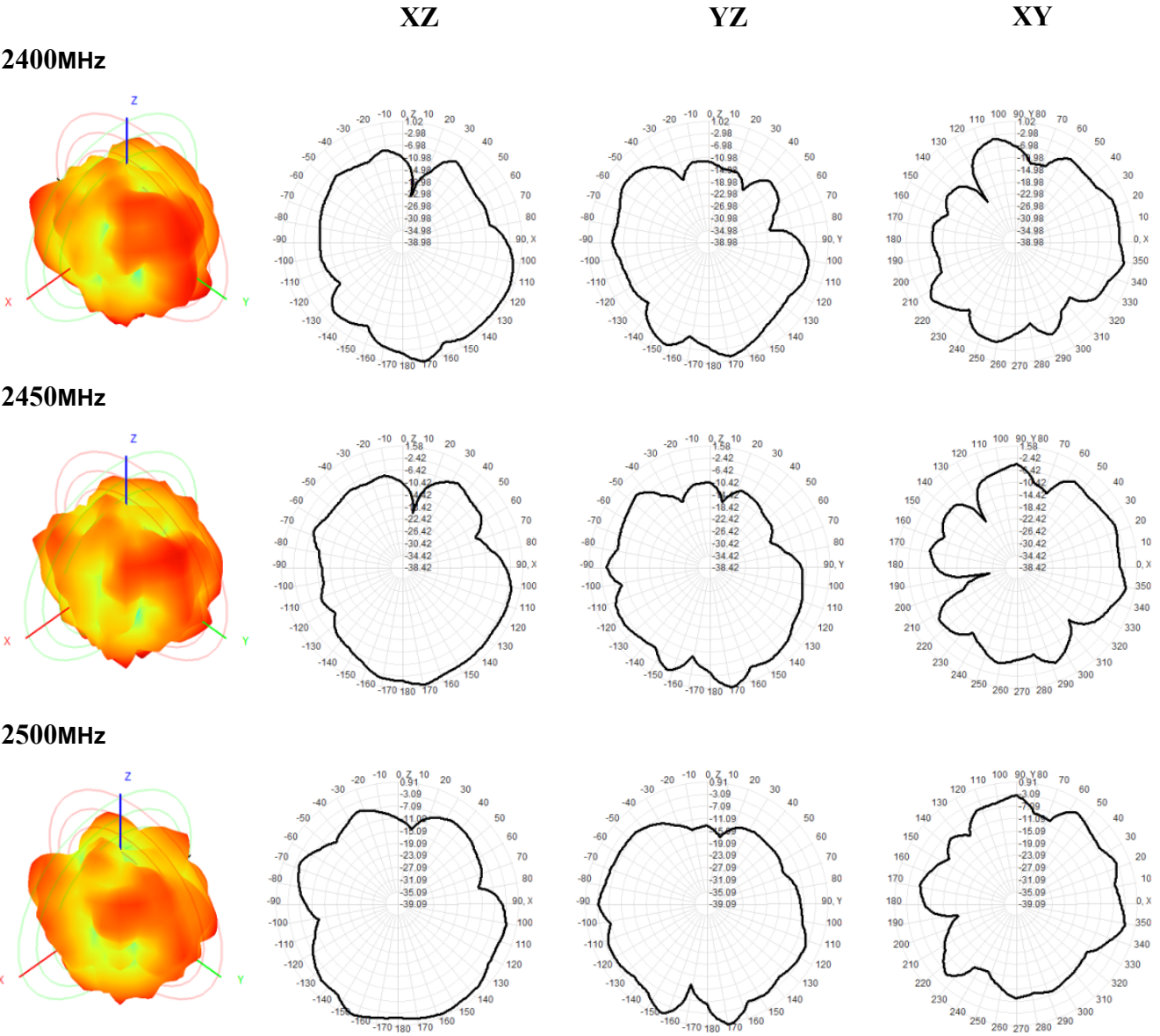
Antenna - S Parameter Test Data



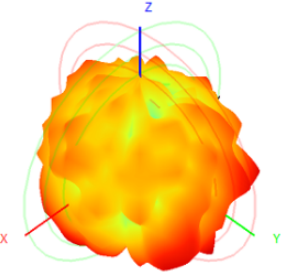
Antenna - Radiation Pattern Test Data

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0
Gain (dBi)	1.28	1.54	1.63	1.78	1.90	1.93	1.91	2.15	2.78	2.92	2.89	0.58
Efficiency (%)	24.46	25.60	26.61	27.11	27.91	28.02	28.06	29.46	29.93	29.97	29.63	20.09

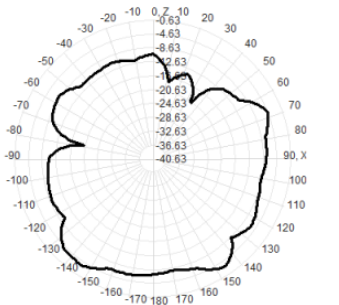
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
0.58	0.64	0.45	0.53	0.90	1.20	1.40	1.31	1.02	1.43	2.22	2.14	1.68	0.66	0.30
20.09	18.52	19.82	22.34	22.68	24.52	23.38	21.48	20.15	21.52	23.76	25.03	23.98	20.92	19.39



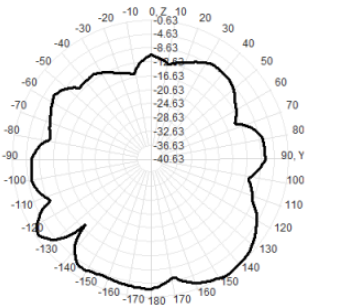
5150MHz



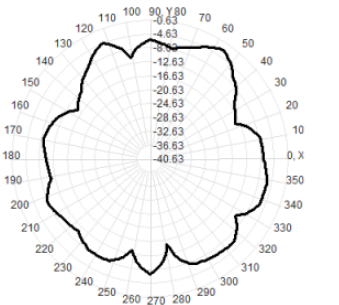
XZ



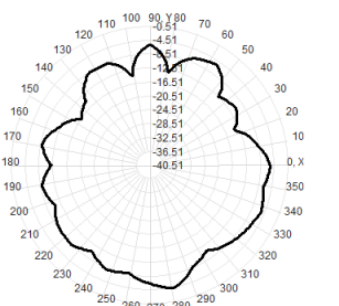
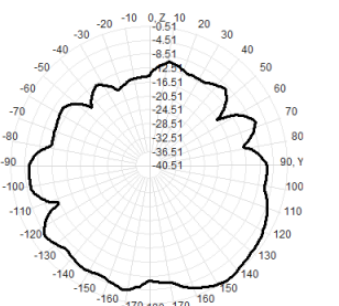
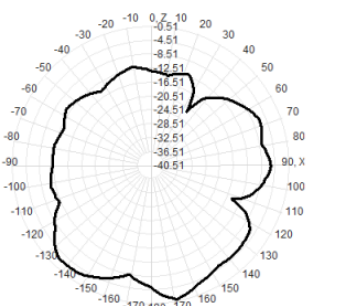
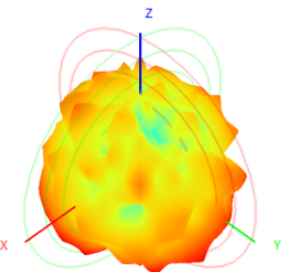
YZ



XY



5550MHz



5850MHz

