

Shenzhen Xiangboyi Technology Co. Ltd

Specification

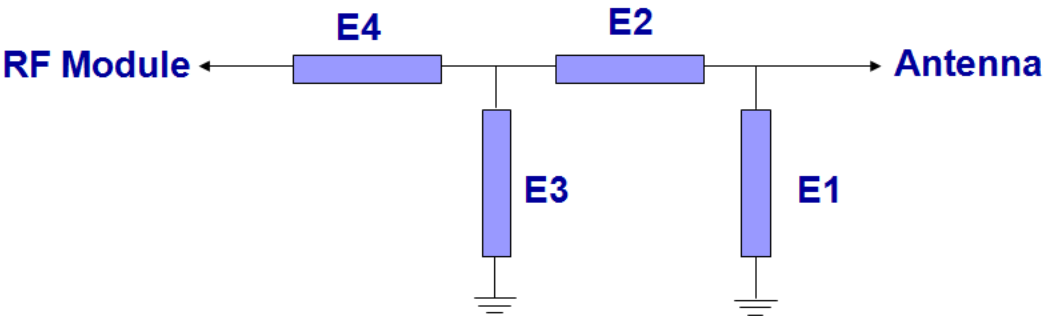
Customer	Shenzhen Harvilon Technology Co.,Ltd.
Name	WIFI 2: Wi-Fi ANT1
CustomerNumber	MF511C-NA
Model No	XBY250033

Floor 1, Building 2, Haochuang Longhua Industrial Park, No. 95 Yousong Road, Fukang Community, Longhua Street, Longhua District, Shenzhen, China

TEST REPORTS

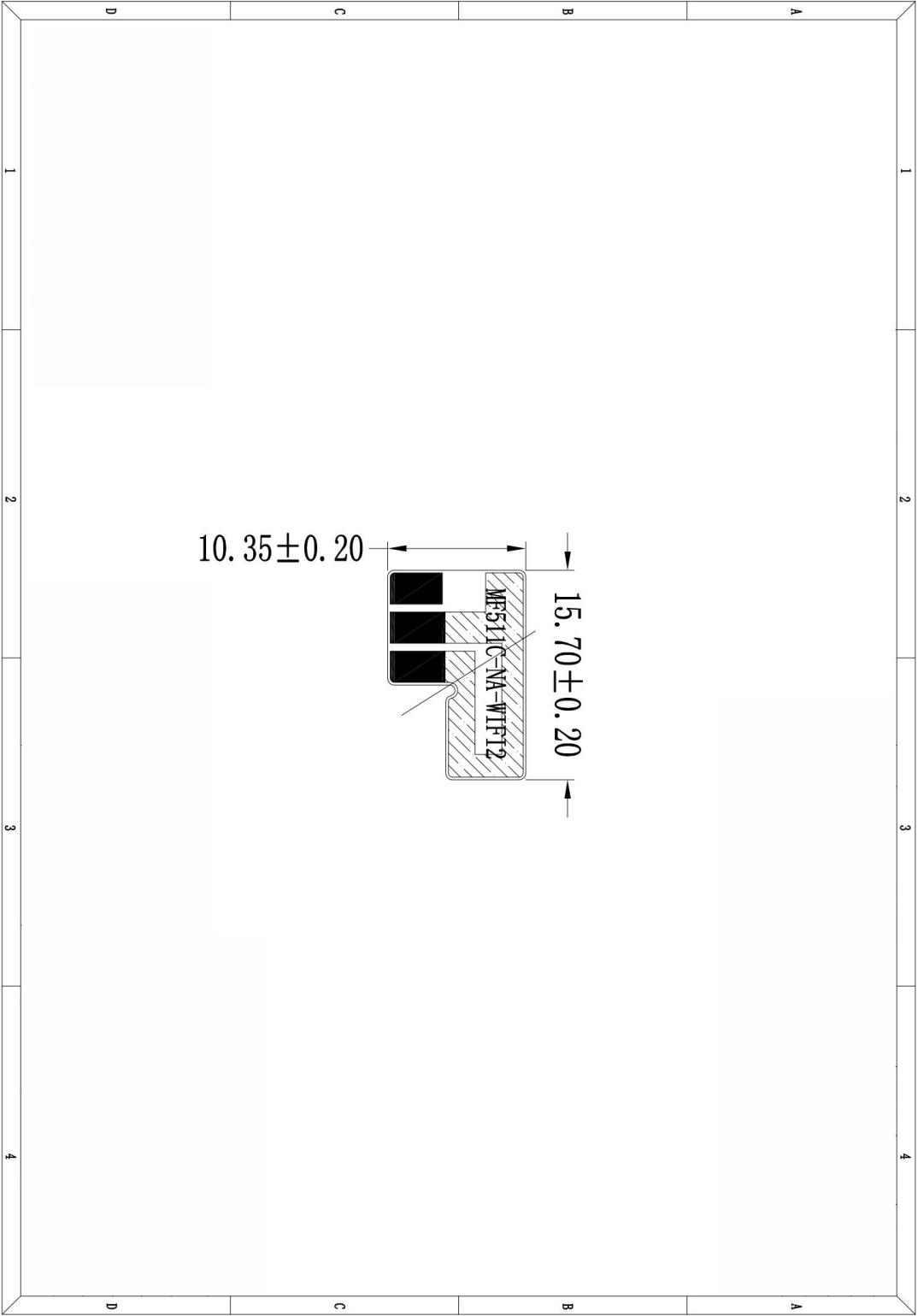
Frequency	2400-2500MHz 5000-6000MHz
Impedance	50 Ohm Nominal
Radiation	Omni-directional
Polarization	Linear,Vertical
Admitted Power	1W
Connector	/
Physical Properties	/
Antenna Material	FPC
Cable Type/	
Operating Temp.	-10-+60℃
Storage Temp.	-10-+70℃
Cable Color	/

Matching Circuits



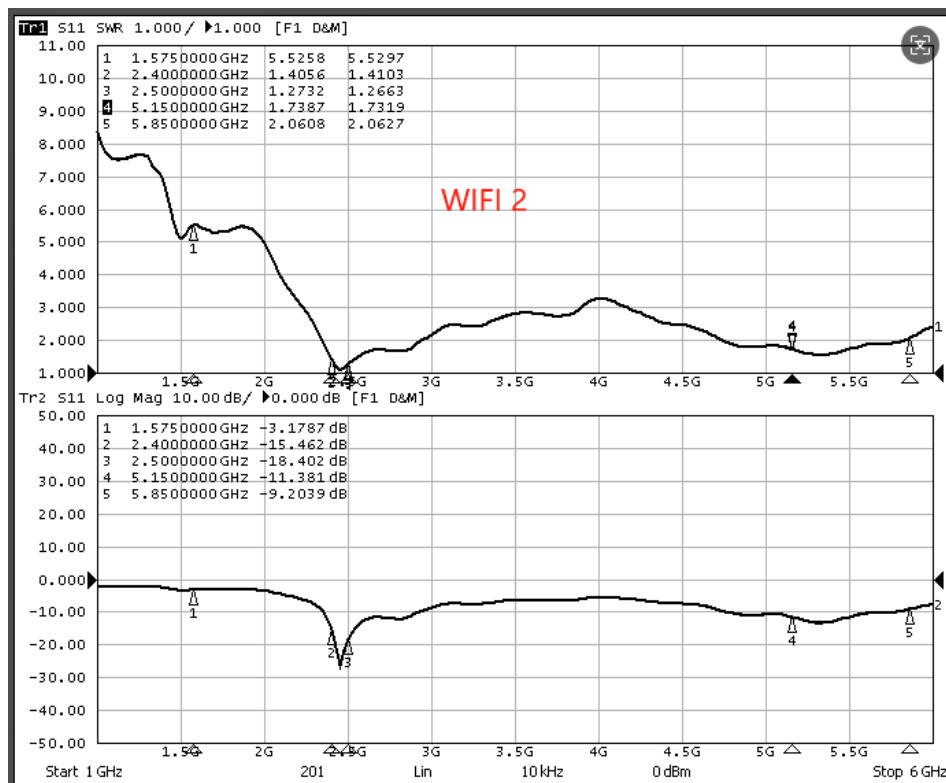
Element	Value	Vender
E1(0402)		
E2(0402)		
E3(0402)		
E4(0402)		

Drawings



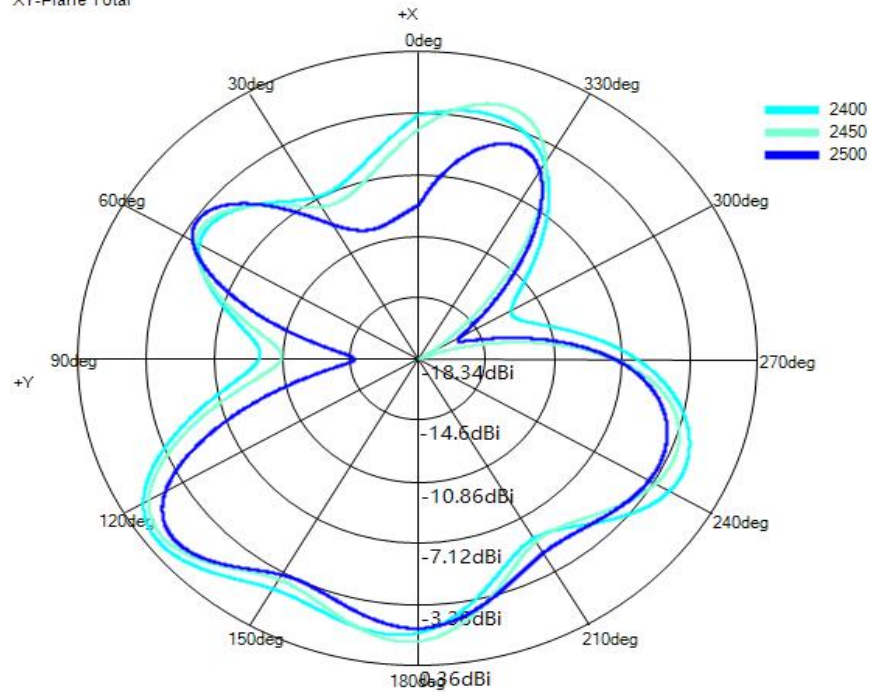
Test Data

11b(2.4G)	1	14.62	-83.29
	7	15.18	-82.61
	13	14.53	-82.14
11g(2.4G)	1	13.78	-71.32
	7	14.12	-71.67
	13	14.47	-72.42
11n(2.4G)	1	13.15	-70.66
	7	13.52	-71.45
	13	13.98	-70.71
11a(5G)	36	14.29	-71.74
	149	14.55	-71.59
	161	14.37	-71.87

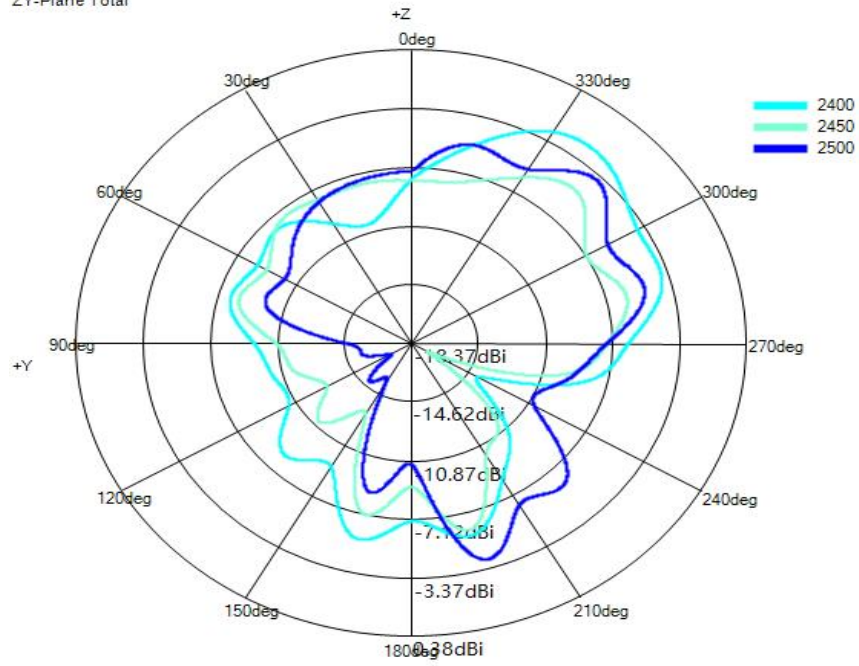


Freq (MHz)	Gain (dBi)	Efficiency (%)		Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	2.04	48.61		5000	0.99	39.53
2410	1.81	48.77		5100	1.67	46.25
2420	2.22	48.37		5200	1.94	49.87
2430	2.10	46.86		5300	1.46	47.29
2440	1.45	45.55		5400	2.06	50.56
2450	1.52	44.48		5500	0.99	46.33
2460	1.68	42.30		5600	1.84	54.82
2470	1.38	41.29		5700	1.34	50.52
2480	1.60	41.75		5800	1.35	49.32
2490	1.71	41.01		5900	0.63	46.43
2500	1.47	41.03		6000	0.32	46.12

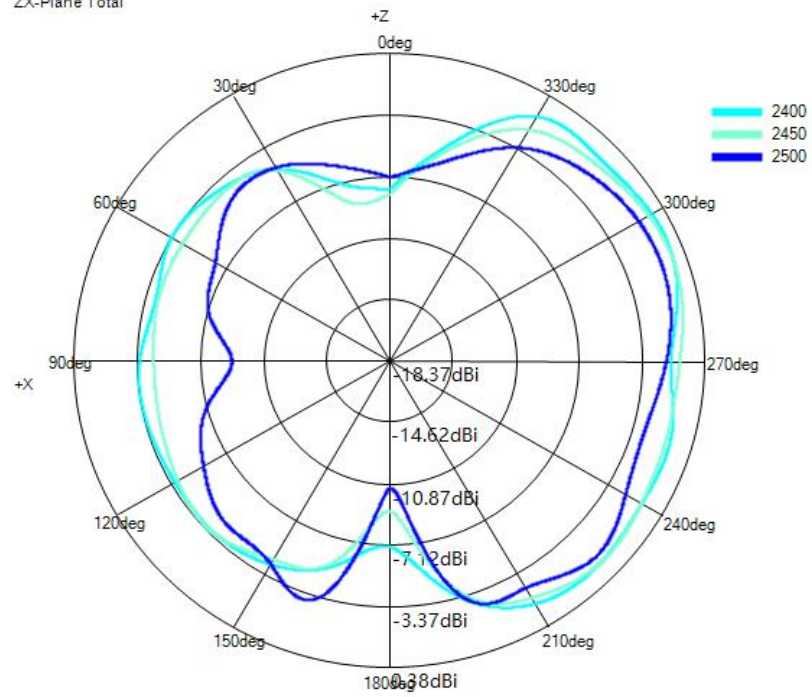
XY-Plane Total



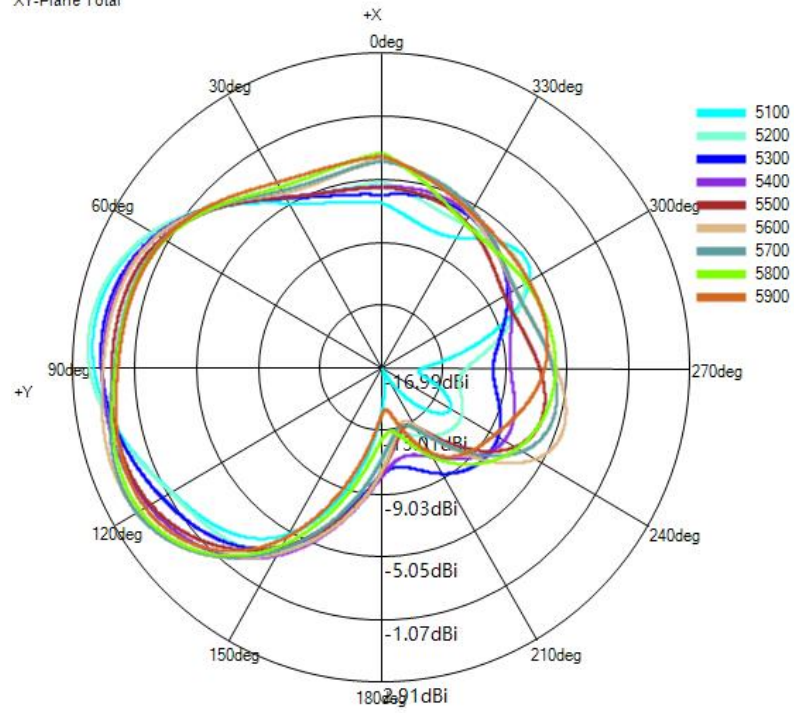
ZY-Plane Total



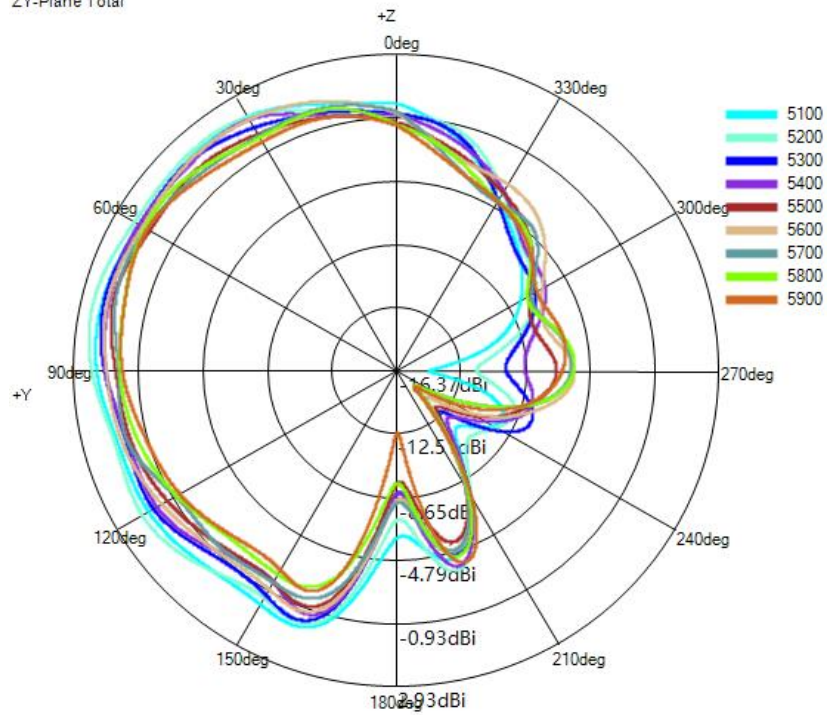
ZX-Plane Total



XY-Plane Total



ZY-Plane Total



ZX-Plane Total

