

Shenzhen Xiangboyi Technology Co. Ltd

Specification

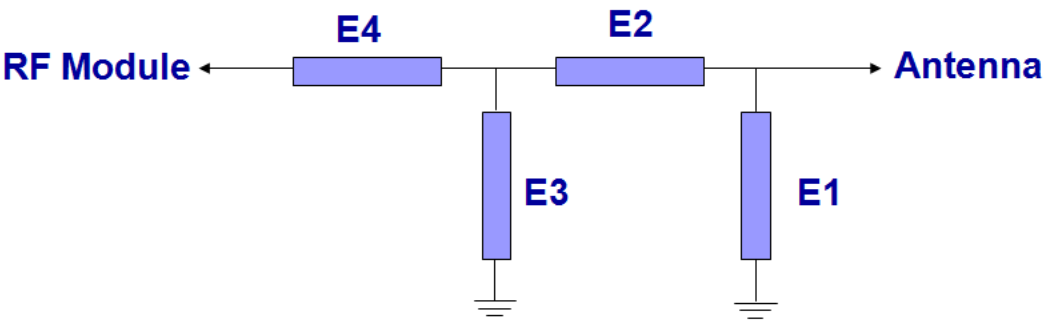
Customer	Shenzhen Harvilon Technology Co.,Ltd.
Name	ANT2
Customer Number	MF511C-NA
Model No	XBY250033

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

TEST REPORTS

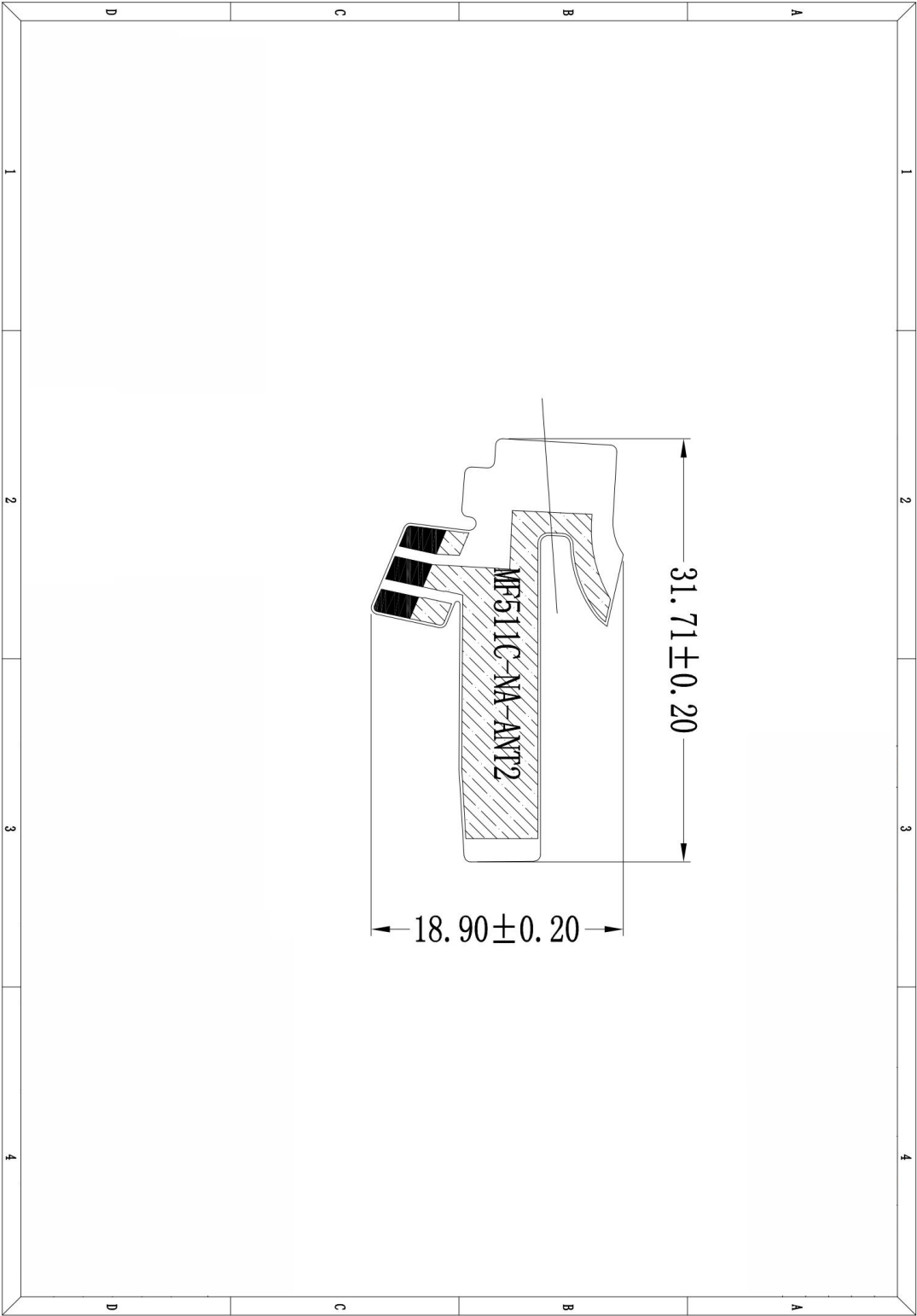
Frequency	1700-2700MHz 3300-4200MHz
Impedance	50 Ohm Nominal
Radiation	Omni-directional
Polarization	Linear,Vertical
Admitted Power	1W
Connector	/
Physical Properties	/
Antenna Material	FPC
Cable Type/	
Operating Temp.	-10-+60℃
Storage Temp.	-10-+70℃
Cable Color	/

Matching Circuits



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

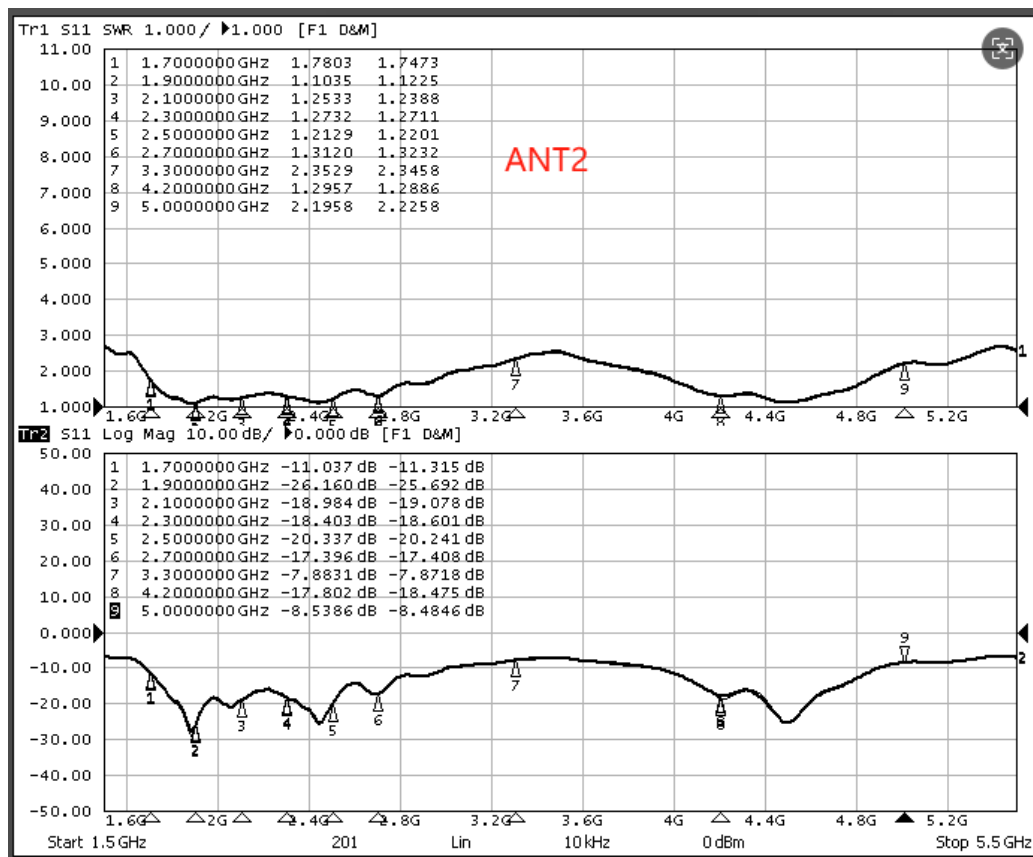
Drawings



Test Data

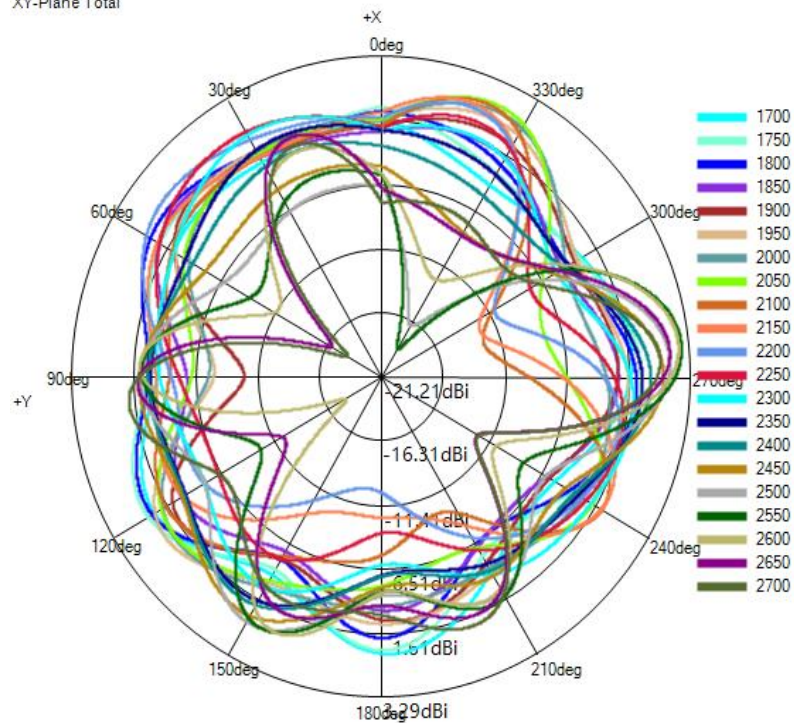
B2 (10M)	18650	19.63	
	18900	19.24	
	19150	20.17	-97.04
B4 (10M)	20000	19.7	
	20175	20.13	
	20350	20.39	-95.22
B7 (10M)	20850	18.59	
	21100	18.88	
	21350	19.22	-93.84
B25 (10M)	26065	19.23	
	26365	20.12	
	26665	19.67	-95.41
B41 (20M)	40340	19.33	
	40620	19.45	
	41140	18.69	-91.61
B66 (10M)	132022	19.75	
	132322	20.34	
	132622	20.52	-95.12
B42 (20M)	41690	18.53	
	42590	19.18	
	43490	20.03	-94.11

B43 (20M)	43690	19.41	
	44590	19.94	
	45490	20.46	-95.36
H2 (10M)	372000	20.86	
	376000	21.6	
	380000	22.11	-98.32
H25 (10M)	372000	20.95	
	376500	21.28	
	381000	22.69	-97.65
H66 (10M)	344000	21.64	
	349000	20.35	
	354000	21.58	-95.81
H41 (100M)	509202	22.06	
	518598	21.18	
	528000	22.02	-88.78
H77 (100M)	623334	21.81	
	650000	22.48	
	676666	23.38	-90.31
H78 (100M)	623334	21.17	
	636666	21.68	
	650000	22.84	-90.95

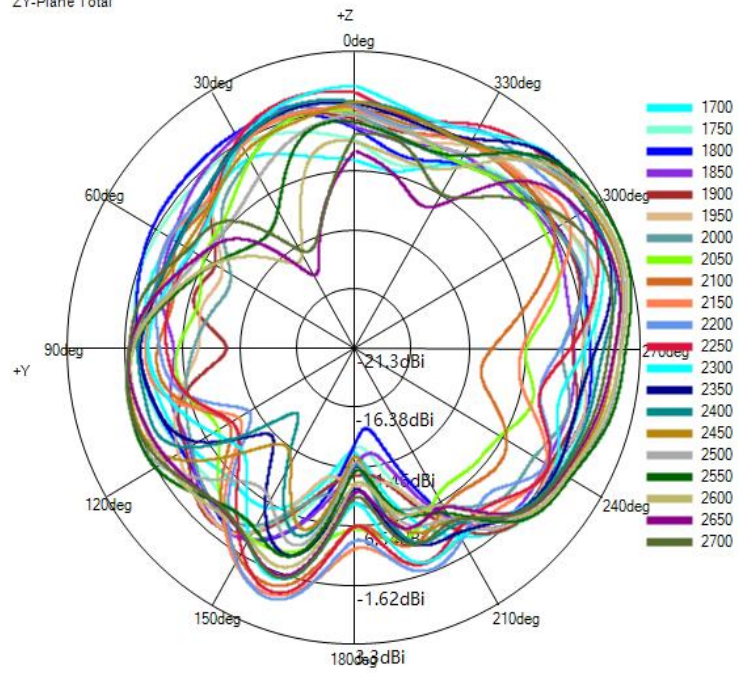


Freq (MHz)	Gain (dBi)	Efficiency (%)		Freq (MHz)	Gain (dBi)	Efficiency (%)
1700	0.37	52.17		3300	1.15	33.40
1750	0.72	59.92		3350	0.73	33.85
1800	0.53	58.10		3400	-0.17	30.97
1850	0.08	49.41		3450	-1.11	29.67
1900	-0.55	53.45		3500	-1.26	29.48
1950	0.48	60.83		3550	-0.80	31.11
2000	1.38	56.92		3600	-1.01	29.15
2050	1.63	55.19		3650	-0.81	31.53
2100	2.11	53.80		3700	0.15	37.65
2150	1.14	51.77		3750	0.52	42.14
2200	1.78	54.26		3800	0.47	44.00
2250	2.07	57.66		3850	0.65	45.69
2300	2.09	57.58		3900	0.97	47.24
2350	2.02	53.97		3950	1.25	49.83
2400	1.92	51.64		4000	1.46	51.35
2450	2.40	49.22		4050	1.60	47.51
2500	2.58	46.81		4100	2.07	47.03
2550	3.19	46.24		4150	2.26	47.59
2600	2.85	42.17		4200	2.24	45.52
2650	2.08	39.95				
2700	1.32	42.16				

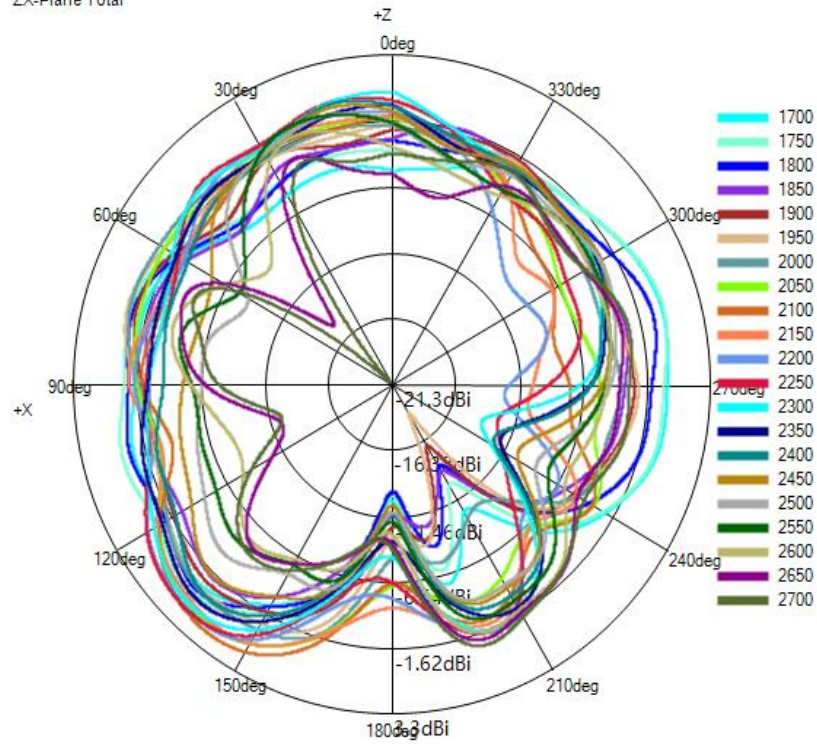
XY-Plane Total



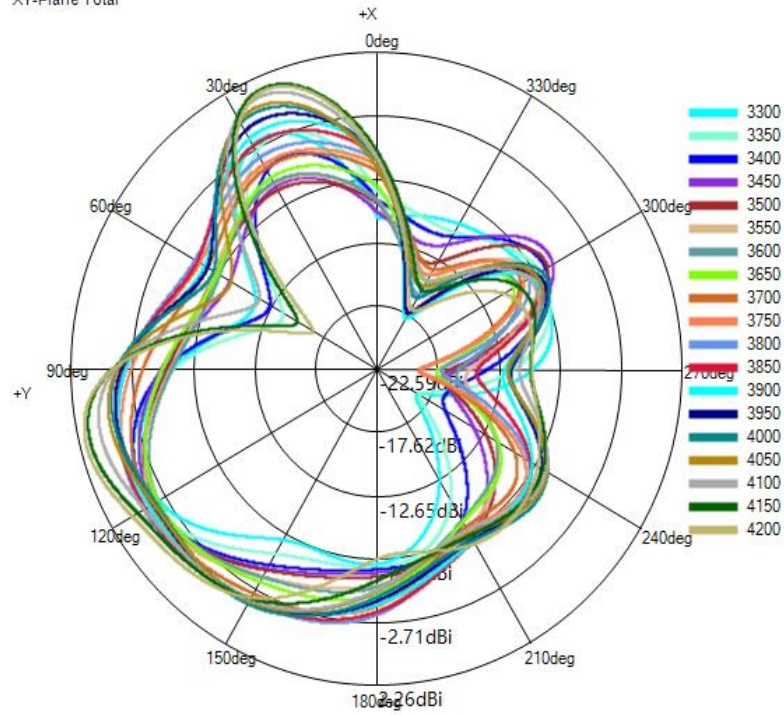
ZY-Plane Total



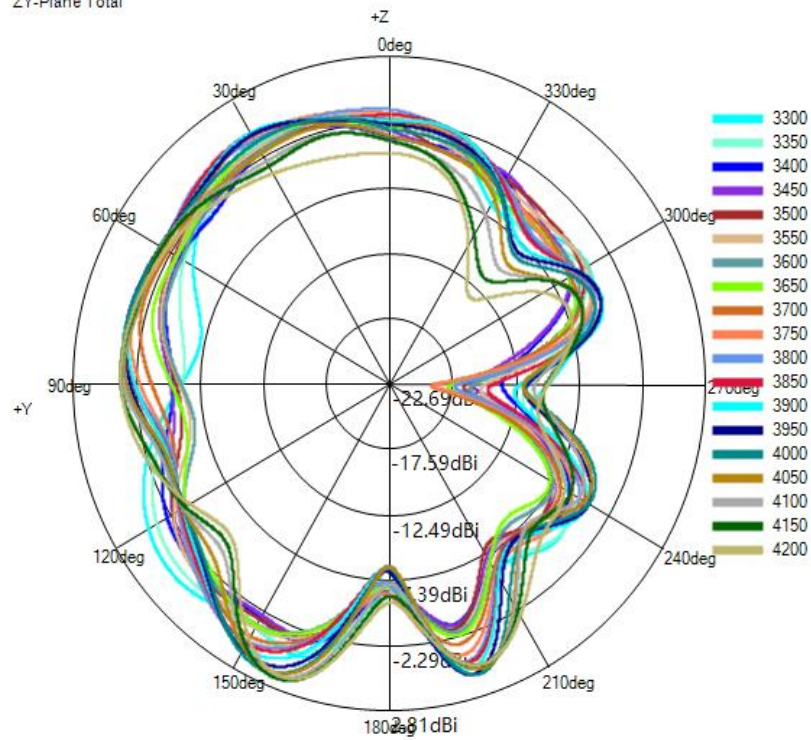
ZX-Plane Total



XY-Plane Total



ZY-Plane Total



ZX-Plane Total

