

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUSTOMER PARTNO:

SUPPLIER: Shenzhen Feasycom Technology Co.,Ltd.

PRODUCT MODEL: FYT-2 (M01-0200220R0A)

PRODUCT NAME: 2.4&5.8G Dual-Band FPC Antenna

PRODUCT CODE: F12E00009A0

CUSTOMER SIGNATURE:

CUSTOMER SEAL:

SUPPLIER SIGNATURE:

SUPPLIER SEAL:

NOTE: PLEASE RETURN THIS COPY AS A CERTIFICATION OF YOUR APPROVAL

Prepared by: Dong Chunling	Date: 2022.06.17	Add:	Room 508, Block A, Phoenix Valley, No.50 Tiezai Road, Gongle Community, Xixiang Subdistrict, Bao'an District, Shenzhen City
		Tel:	0755-27924639
		Fax:	

[illegible]

PERFORMANCE PARAMETER

1.Electrical Characteristics

1	Frequency Range	2400MHz~2500MHz; 5100MHz~5900MHz
2	V. S. W. R	<2.2
3	Gain	2.7dBi
4	Impedence	50 Ω
5	Polarization	Linear Polarized

2.Mechanical parameters

1	Measure	FPC:42*19.9mm/Cable: 200mm* Φ 1.13mm
2	Colour	Black

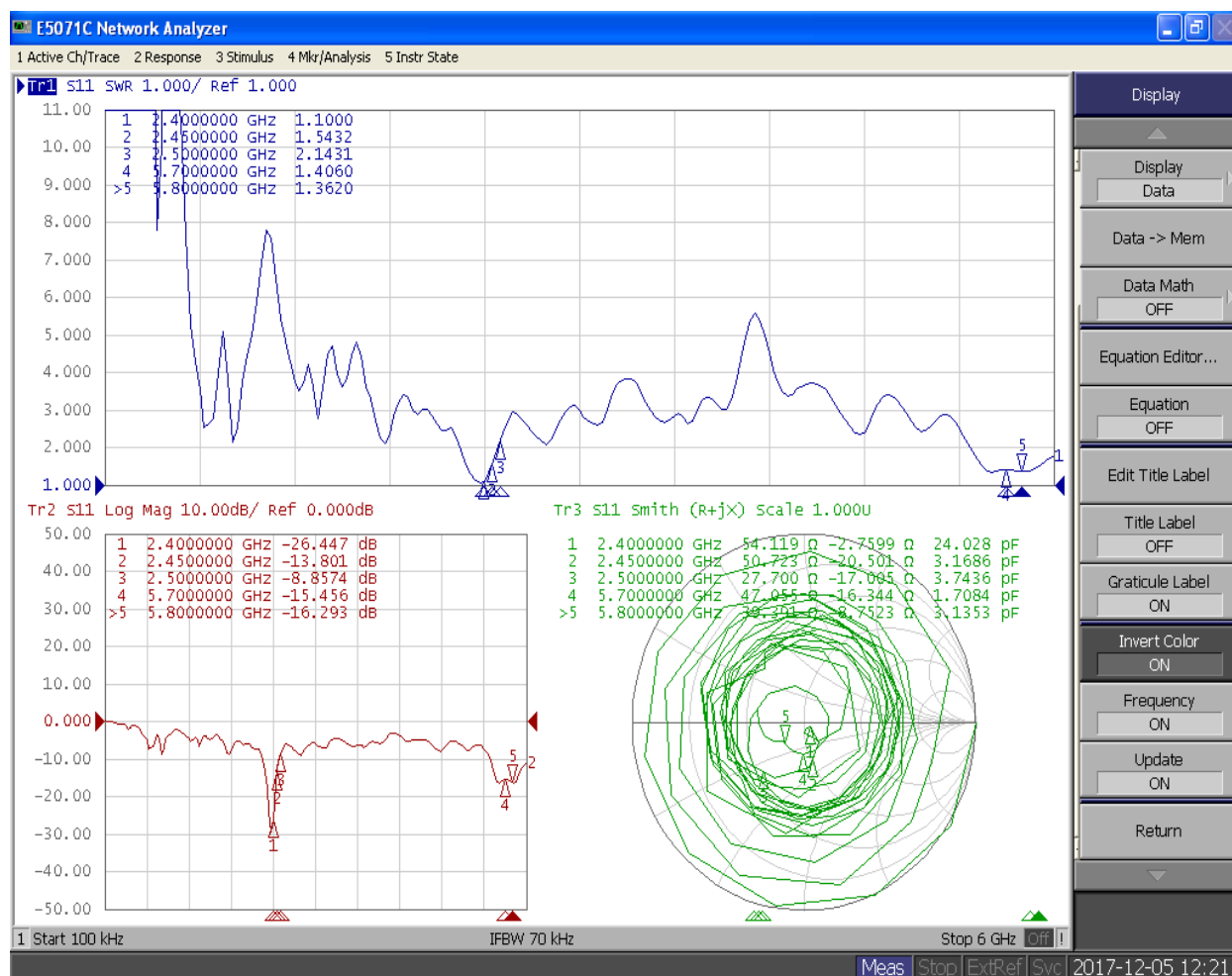
3.Environment Condition

1	Working Temp	-40℃~85℃
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TESTING CURVE

1. Performance test

1.1 V.S.W.R



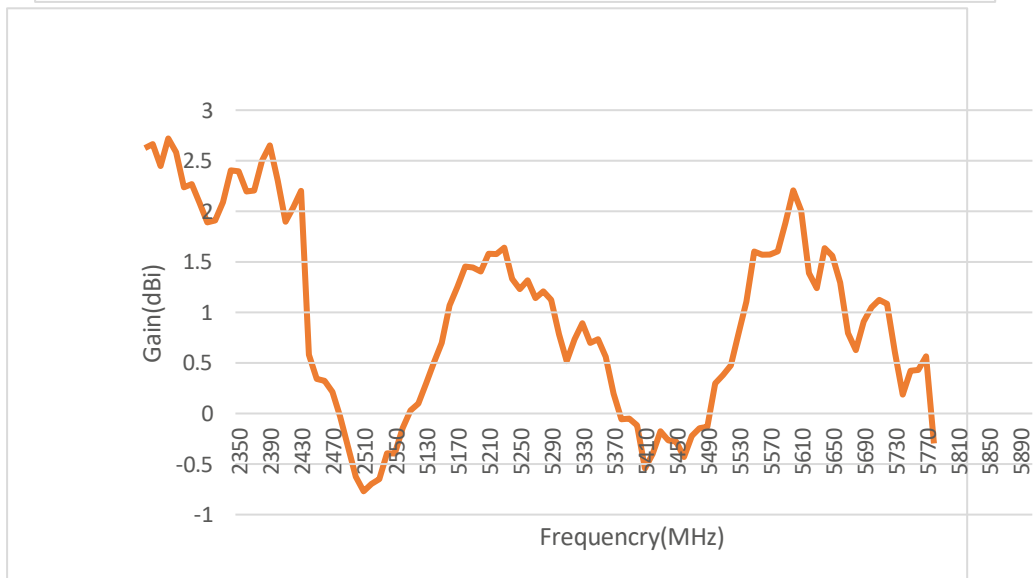
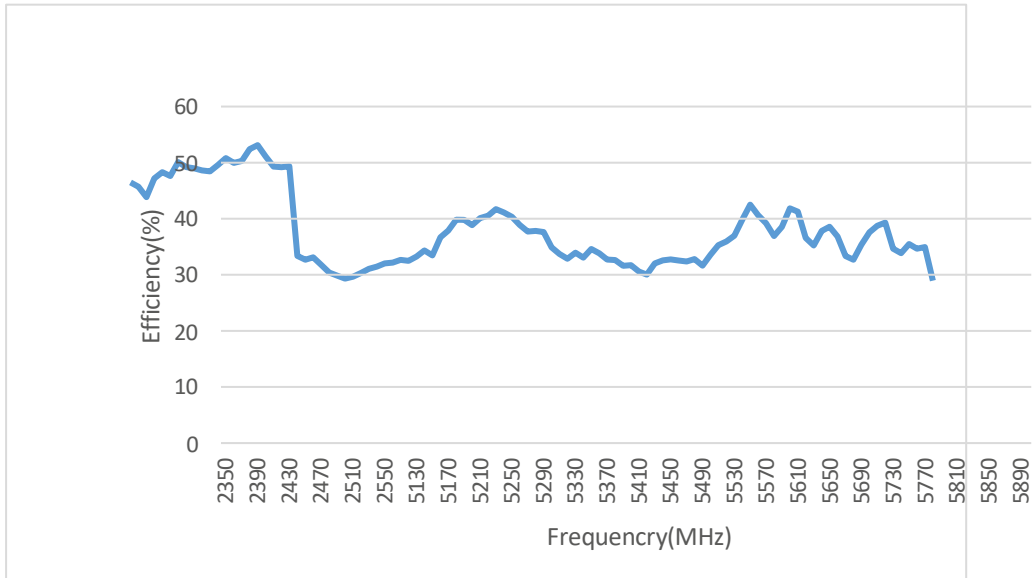
Data list

Freq	2.4	2.45	2.5	5.7	5.8
VSWR	1.1	1.5	2.1	1.4	1.4

TESTING CURVE

2. Passive testing

2.1 Efficiency and Gain



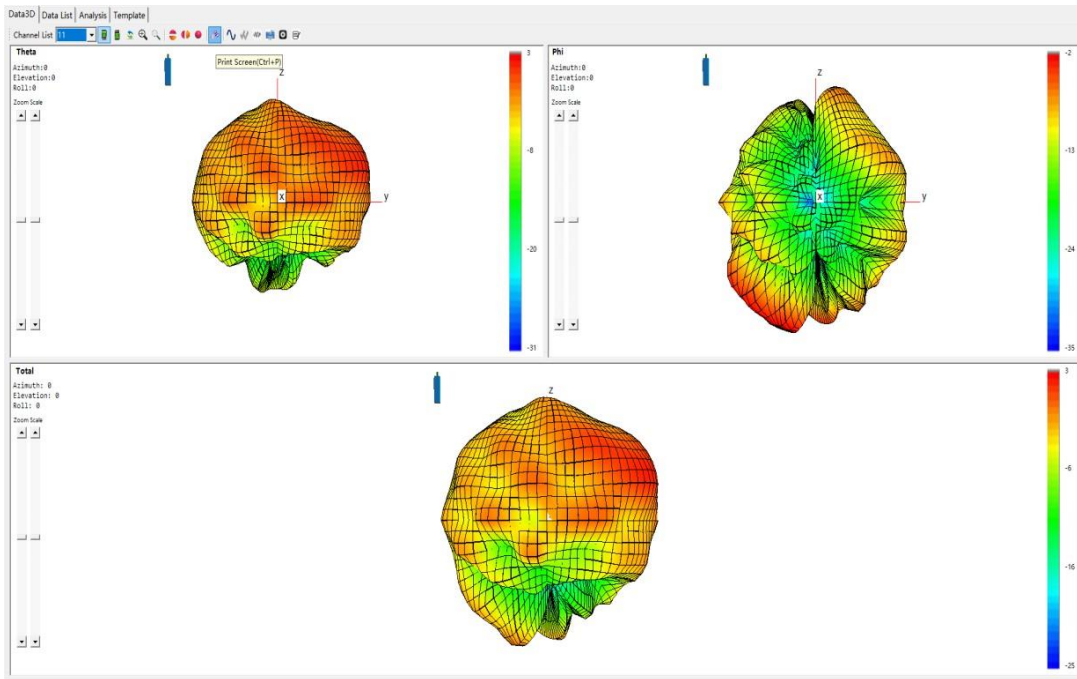
Data list

Freq	Gain	Efficiency	Freq	Gain	Efficiency	Freq	Gain	Efficiency
2350	2.62	46.47	5230	0.03	32.67	5570	-0.28	32.76
2360	2.66	45.72	5240	0.10	32.48	5580	-0.43	32.56
2370	2.45	43.84	5250	0.30	33.26	5590	-0.22	32.39
2380	2.72	47.19	5260	0.50	34.34	5600	-0.15	32.80
2390	2.58	48.31	5270	0.70	33.47	5610	-0.13	31.64
2400	2.24	47.63	5280	1.07	36.69	5620	0.30	33.59
2410	2.27	50.09	5290	1.25	37.88	5630	0.38	35.29
2420	2.08	49.21	5300	1.45	39.82	5640	0.48	35.95
2430	1.89	48.99	5310	1.44	39.81	5650	0.79	36.97
2440	1.91	48.61	5320	1.41	38.86	5660	1.11	39.81
2450	2.09	48.43	5330	1.58	40.11	5670	1.60	42.50
2460	2.40	49.59	5340	1.58	40.54	5680	1.57	40.67
2470	2.40	50.81	5350	1.64	41.72	5690	1.57	39.21
2480	2.20	49.97	5360	1.33	41.11	5700	1.60	36.91
2490	2.21	50.30	5370	1.23	40.34	5710	1.89	38.53
2500	2.50	52.41	5380	1.32	38.87	5720	2.21	41.85
2510	2.65	53.12	5390	1.14	37.71	5730	2.01	41.27
2520	2.30	51.11	5400	1.21	37.83	5740	1.39	36.58
2530	1.90	49.29	5410	1.12	37.64	5750	1.24	35.24
2540	2.04	49.17	5420	0.78	34.89	5760	1.63	37.84
2550	2.20	49.36	5430	0.52	33.73	5770	1.56	38.56
5100	0.58	33.36	5440	0.73	32.86	5780	1.30	36.83
5110	0.34	32.68	5450	0.89	33.94	5790	0.80	33.35
5120	0.32	33.12	5460	0.70	33.08	5800	0.63	32.68
5130	0.21	31.78	5470	0.73	34.62	5810	0.91	35.39
5140	-0.03	30.40	5480	0.56	33.83	5820	1.05	37.57
5150	-0.33	29.87	5490	0.20	32.73	5830	1.12	38.73
5160	-0.63	29.33	5500	-0.06	32.64	5840	1.08	39.30
5170	-0.77	29.66	5510	-0.05	31.61	5850	0.61	34.65
5180	-0.70	30.33	5520	-0.12	31.72	5860	0.19	33.87
5190	-0.65	31.07	5530	-0.54	30.57	5870	0.42	35.49
5200	-0.39	31.46	5540	-0.40	30.04	5880	0.43	34.66
5210	-0.40	32.04	5550	-0.18	32.02	5890	0.57	34.93
5220	-0.14	32.19	5560	-0.27	32.57	5900	-0.30	28.96

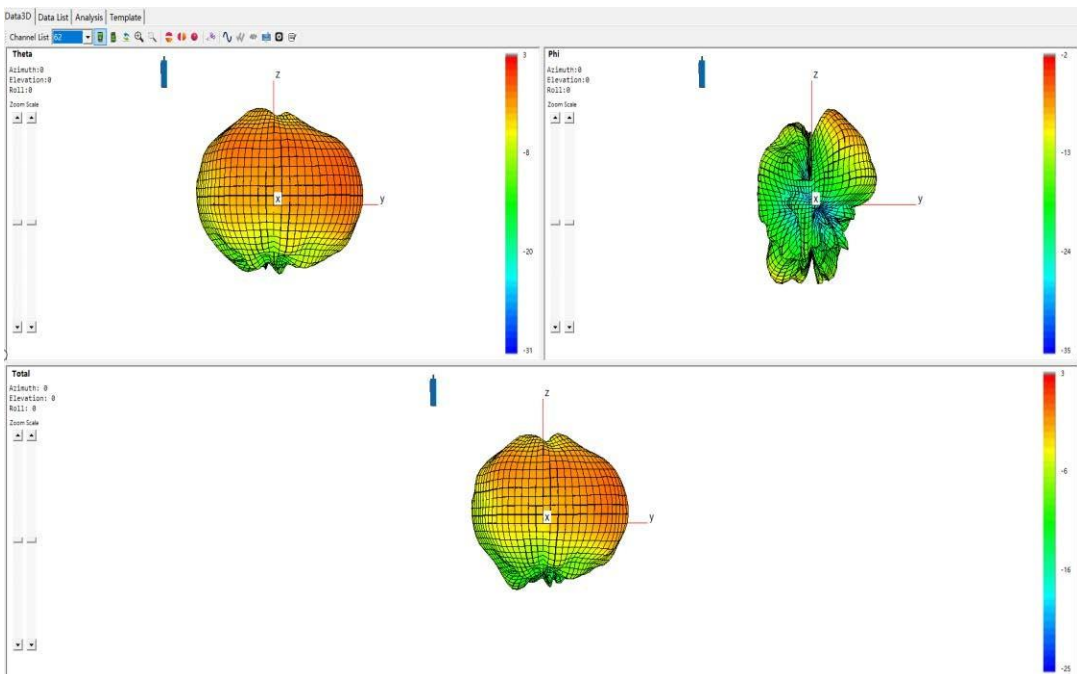
TESTING CURVE

2.2 3D Map

2.4G



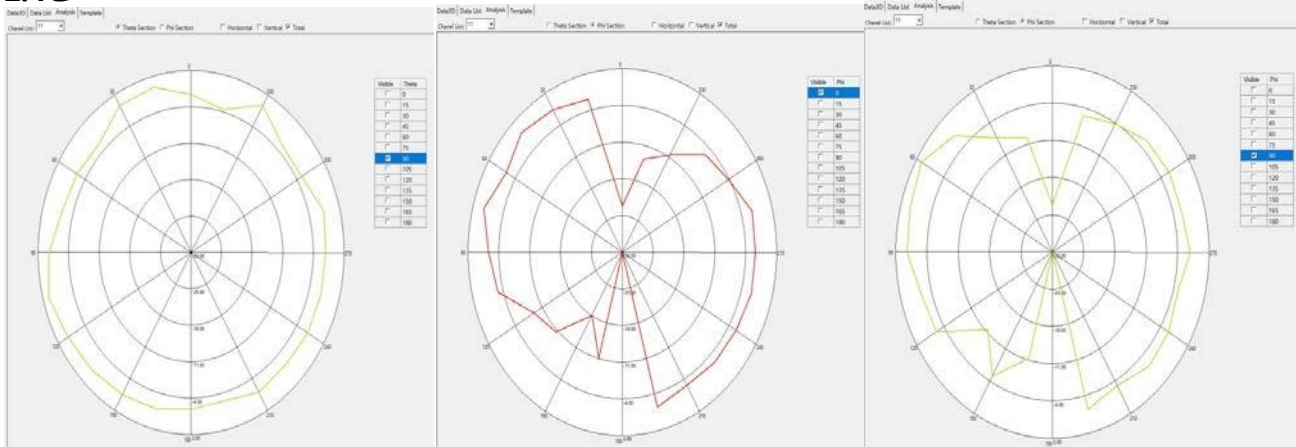
5.8G



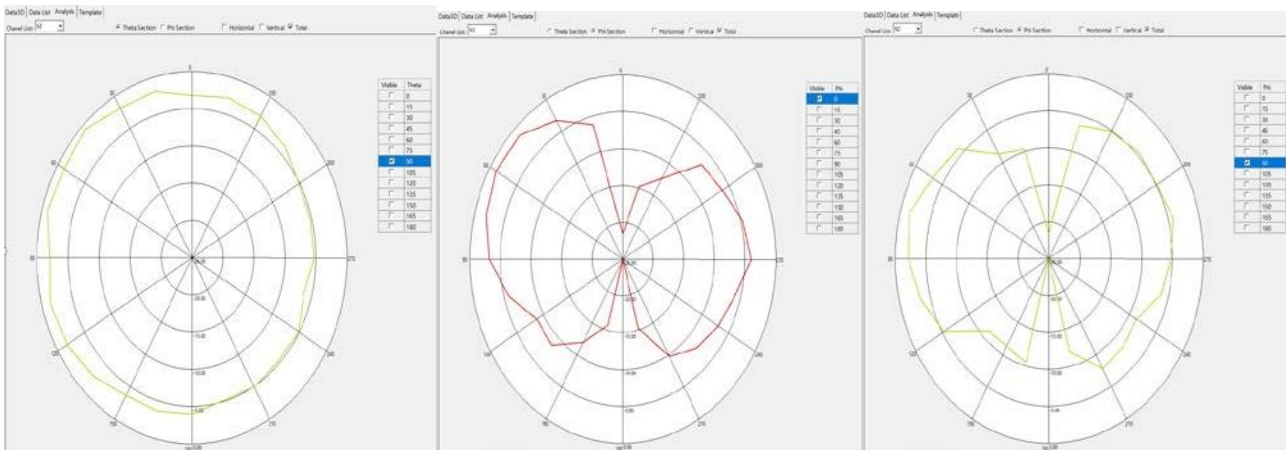
TESTING CURVE

2.3 2D Figure

2.4G



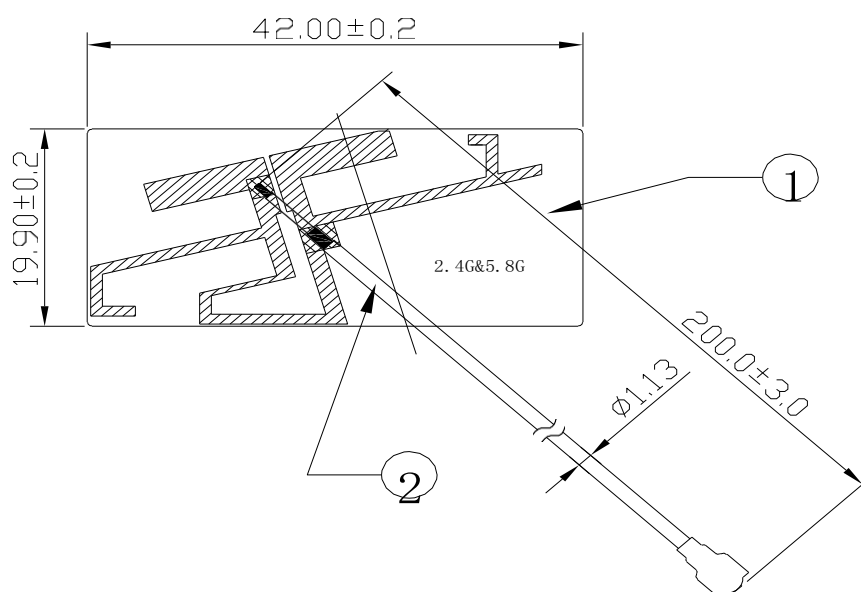
5.8G



SCHEDULE DRAWING



No.	Name	Material	Color	Treatment	Amount	Remark
1	2.4G&5.8G FPC		Black		1	
2	2.4G&5.8G Coax		Black		1	



Remarks:

1. Dimensions marked with “ * ” are critical dimensions.
2. All components: Pb、Hg、Cr+6、PBBs、PBDEs<500ppm; Cd<50ppm.

Gen1
Terminal,
connector
downward

ShenZhen MyAntenna RF Technology Co., Ltd

				 Third Angle				Project		FYT-02		Designed by					
B	Change part	20200804		0~10	±0.10			Part Name	2.4G&5.8G ANT		Date						
				10~18	±0.15			Part No.	M01-0200220R0A		Checked by		RF				
				18~30	±0.20			Material			Date						
A0	New drawing	20200804		30~40	±0.25			DWG No.	00000080		Approved by						
			40~	±0.30	Angle												
Rev	Description	Date	Remark	Location													
												Unit	mm	Scale	1:1		