

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4/5GHz FPC Antenna L=40mm+端子

客 户 料 号

CUSTOMER P/N: 54.07.001.0039

仁 丰 料 号

Ren Feng P/N: RF11C02628S REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	宋耀杰	
AUDITOR BY:	舒席良	
APPROVED BY:	工程专用章	
DATE:	2019-4-19	

电话: 0769-38940168

传真: 0769-38940199

(Test Equipment & Conditions)

Network Analyzers : KEYSIGHT P5002A

Communications Test Set: R&S CMW 500

3D Chamber Test System:

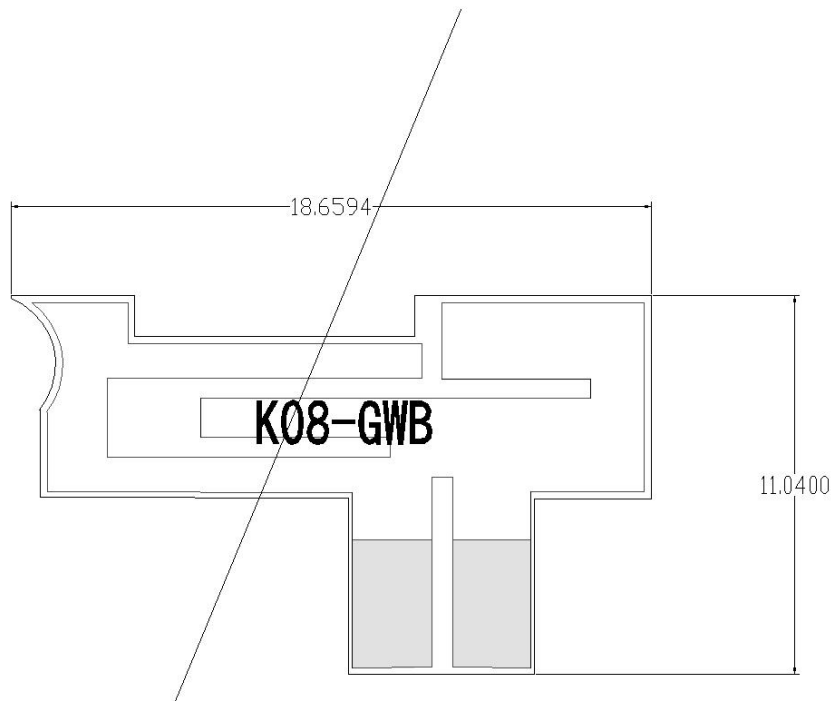


Inverted F Antenna Specification

Summary

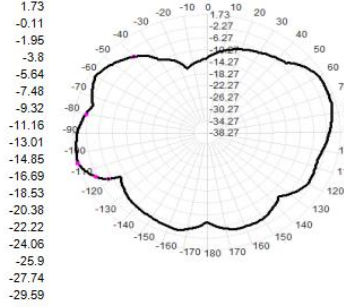
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.40	-2.78	-1.94	-2.49	-2.09	-2.69	-2.26	-2.79	-2.46	-3.04	-1.75
Gain (dBi)	1.73	1.42	2.10	1.74	2.01	1.56	1.88	1.22	1.24	0.93	1.85
Efficiency (%)	57.56	52.72	64.02	56.32	61.75	53.83	59.45	52.65	56.76	49.69	66.78
Directivity (dB)	4.13	4.20	4.04	4.23	4.10	4.25	4.14	4.00	3.70	3.97	3.61
Peak Gain Position (Theta)	90.00	90.00	90.00	75.00	75.00	60.00	60.00	60.00	75.00	75.00	75.00
Peak Gain Position (Phi)	45.00	45.00	45.00	255.00	255.00	135.00	135.00	135.00	255.00	255.00	255.00
Efficiency ThetaPol (%)	52.87	47.73	59.76	52.04	57.94	50.03	55.96	49.25	53.78	46.45	63.42
Efficiency PhiPol (%)	4.68	4.99	4.26	4.28	3.81	3.80	3.49	3.40	2.97	3.24	3.36
Upper Hem. Efficiency (%)	30.98	30.13	36.19	32.85	36.50	31.70	34.35	29.64	30.79	29.34	38.17
Lower Hem. Efficiency (%)	26.57	22.59	27.83	23.47	25.25	22.13	25.11	23.02	25.97	20.35	28.60

Antenna Photo & Length (mm)

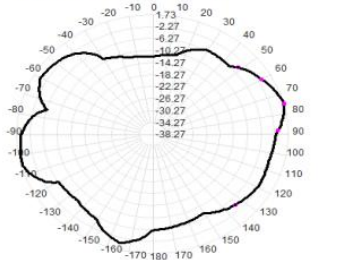




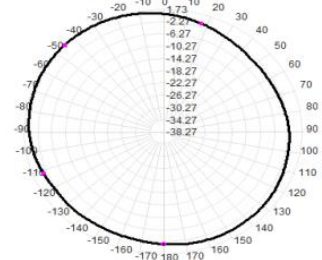
2400.0MHz Total(E1-XZ), Max= 1.43dBi



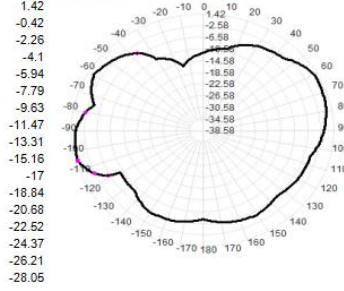
2400.0MHz Total(E2-YZ), Max= 1.60dBi



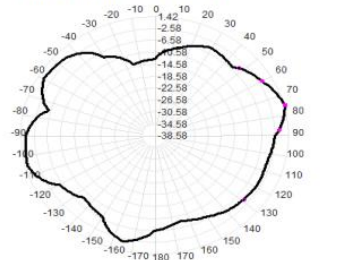
Total(H-XY), Max= 1.73dBi, CirD=5.43



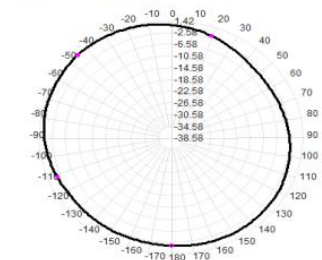
2410.0MHz Total(E1-XZ), Max= 0.71dBi



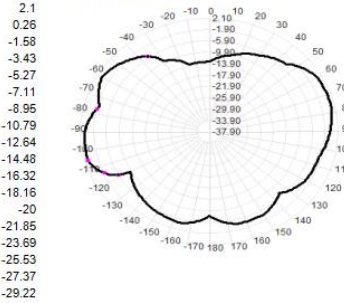
2410.0MHz Total(E2-YZ), Max= 1.39dBi



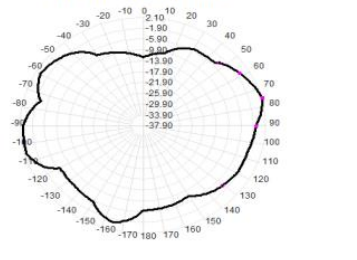
Total(H-XY), Max= 1.42dBi, CirD=5.81



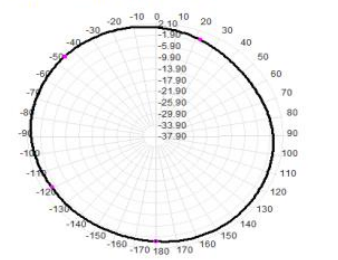
2420.0MHz Total(E1-XZ), Max= 1.10dBi



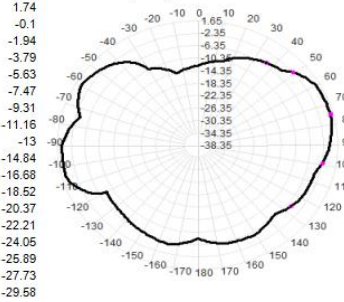
2420.0MHz Total(E2-YZ), Max= 2.05dBi



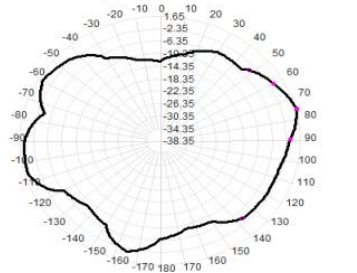
Total(H-XY), Max= 2.10dBi, CirD=4.95



2430.0MHz Total(E1-XZ), Max= 0.61dBi



2430.0MHz Total(E2-YZ), Max= 1.65dBi



Total(H-XY), Max= 1.41dBi, CirD=4.88

