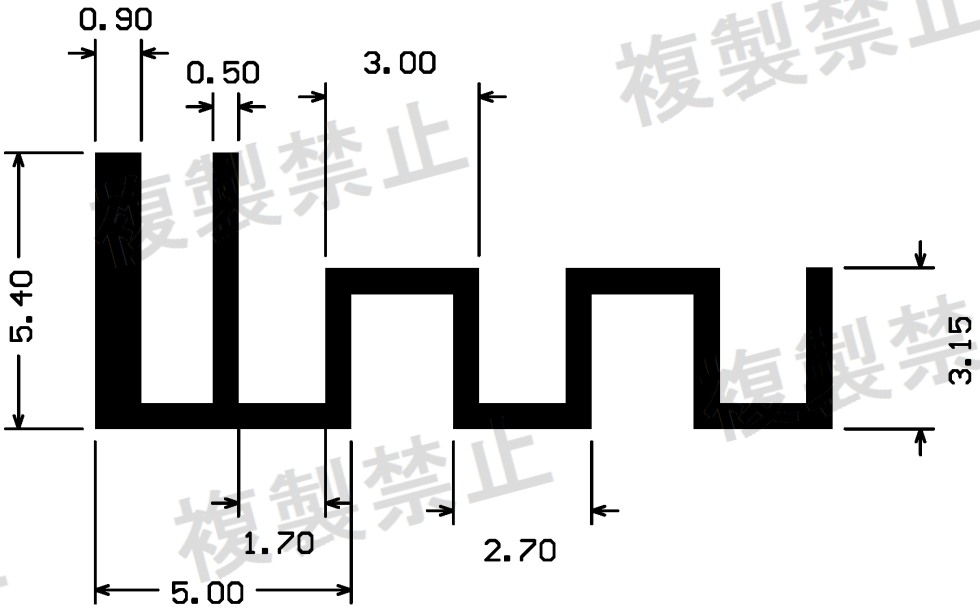
Inverted F Antenna Specification

Item	Antenna Specification		
Model Name	2.4G ANT		
Gain	2400MHz	2450MHz	2500MHz
	1.33dBi	1.50dBi	1.18dBi
Efficiency	70.24%	72.27%	63.66%
Impedance	50 ohm		
Antenna Length	14.4mm		
Manufacture	Cherub Technology Co., Ltd.		

No.10, Keji 9th Road, Tangjiawan Town, Zhuhai High-tech Zone, Guangdong, China

Antenna Photo & Length (mm)



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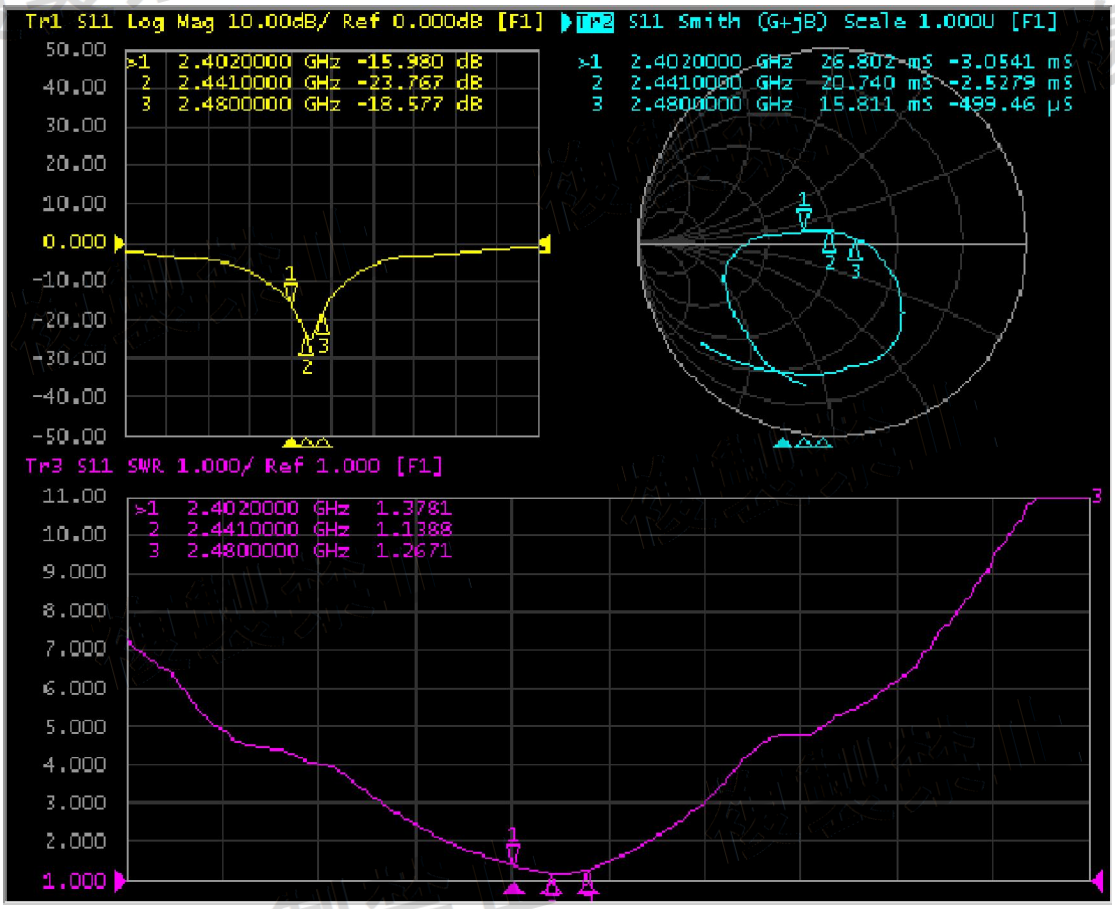
S11


Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F1]
>1 2.4020000 GHz -15.980 dB
2 2.4410000 GHz -23.767 dB
3 2.4800000 GHz -18.577 dB
Tr2 S11 Smith (G+jB) Scale 1.000U [F1]
>1 2.4020000 GHz 26.802 mS -3.0541 mS
2 2.4410000 GHz 20.740 mS -2.5279 mS
3 2.4800000 GHz 15.811 mS -499.46 µS
Tr3 S11 SWR 1.000/ Ref 1.000 [F1]
>1 2.4020000 GHz 1.3781
2 2.4410000 GHz 1.1388
3 2.4800000 GHz 1.2671

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Efficiency & Gain

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-1.53	70.24	1.33
2402	-1.53	70.34	1.31
2405	-1.52	70.51	1.33
2410	-1.49	71.01	1.33
2415	-1.50	70.82	1.32
2420	-1.46	71.47	1.41
2425	-1.45	71.57	1.37
2430	-1.43	71.89	1.39
2435	-1.44	71.70	1.34
2440	-1.40	72.38	1.47
2441	-1.40	72.44	1.51
2445	-1.40	72.42	1.44
2450	-1.41	72.27	1.50
2455	-1.45	71.60	1.53
2460	-1.44	71.82	1.51
2465	-1.50	70.76	1.54
2470	-1.56	69.76	1.48
2475	-1.59	69.35	1.46
2480	-1.67	68.13	1.47
2482	-1.71	67.50	1.43
2485	-1.76	66.65	1.33
2490	-1.82	65.75	1.31
2495	-1.91	64.44	1.29
2500	-1.96	63.66	1.18

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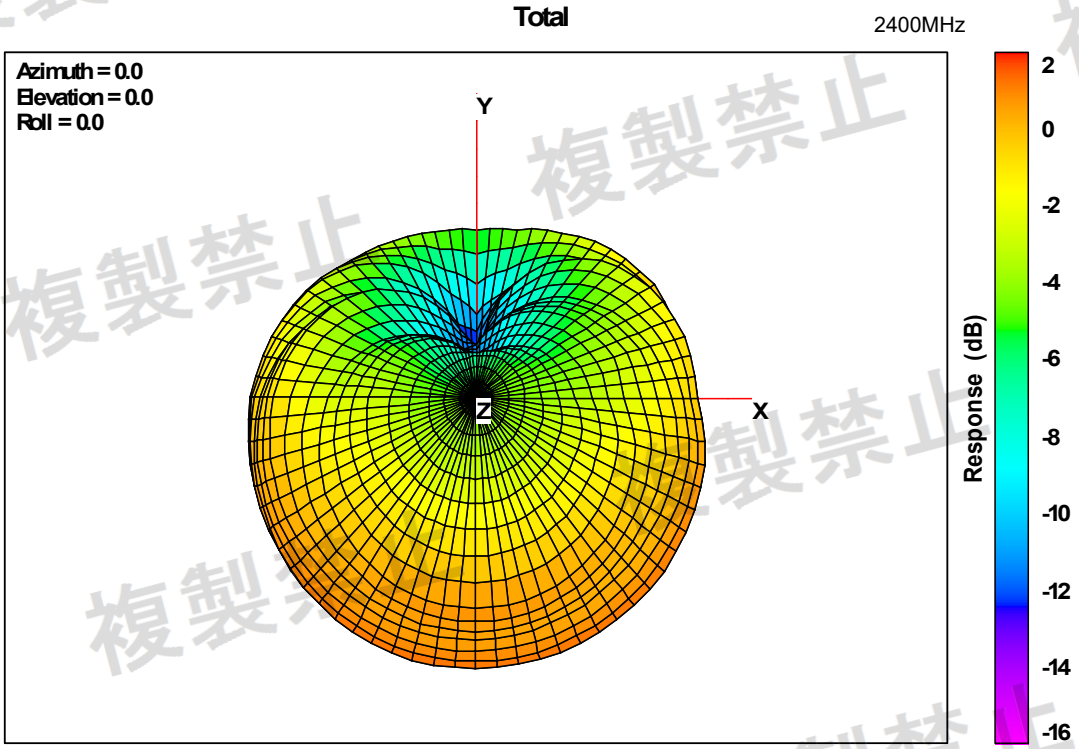
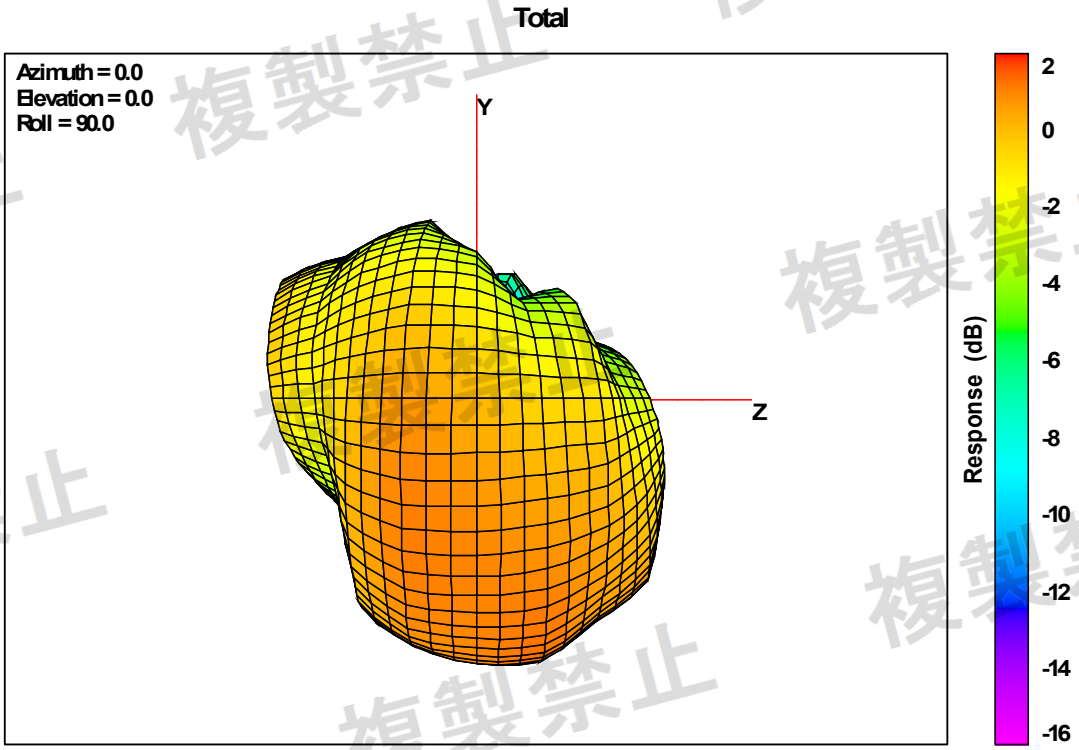
3D Radiation Pattern



Front View



Side View

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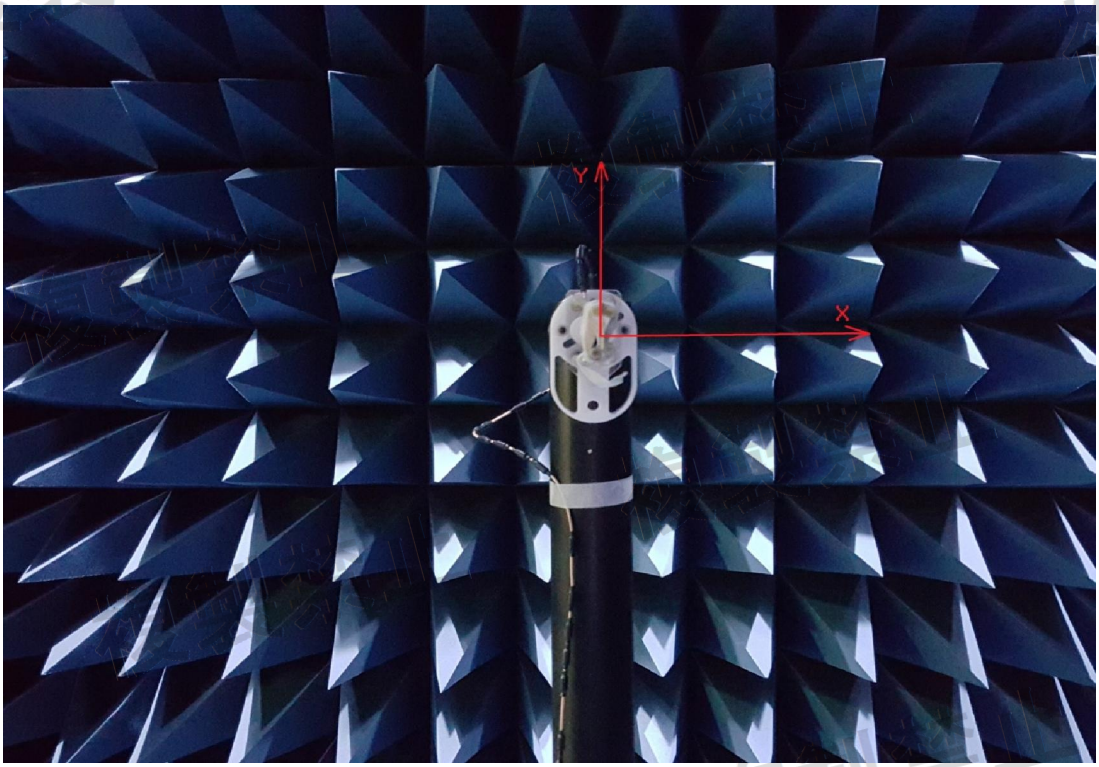
Configuration



Front View

Side View

複製禁止