

# Antenna Specification

Customer: SUZHOU ZWO CO., LTD.

Product: PCB Antenna

Specification: I-PEX, PCB-0.81Cable, L=85mm

Material No.: SX-007-2208

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\*SuZhou Saixun Communication Technology Co.,Ltd.

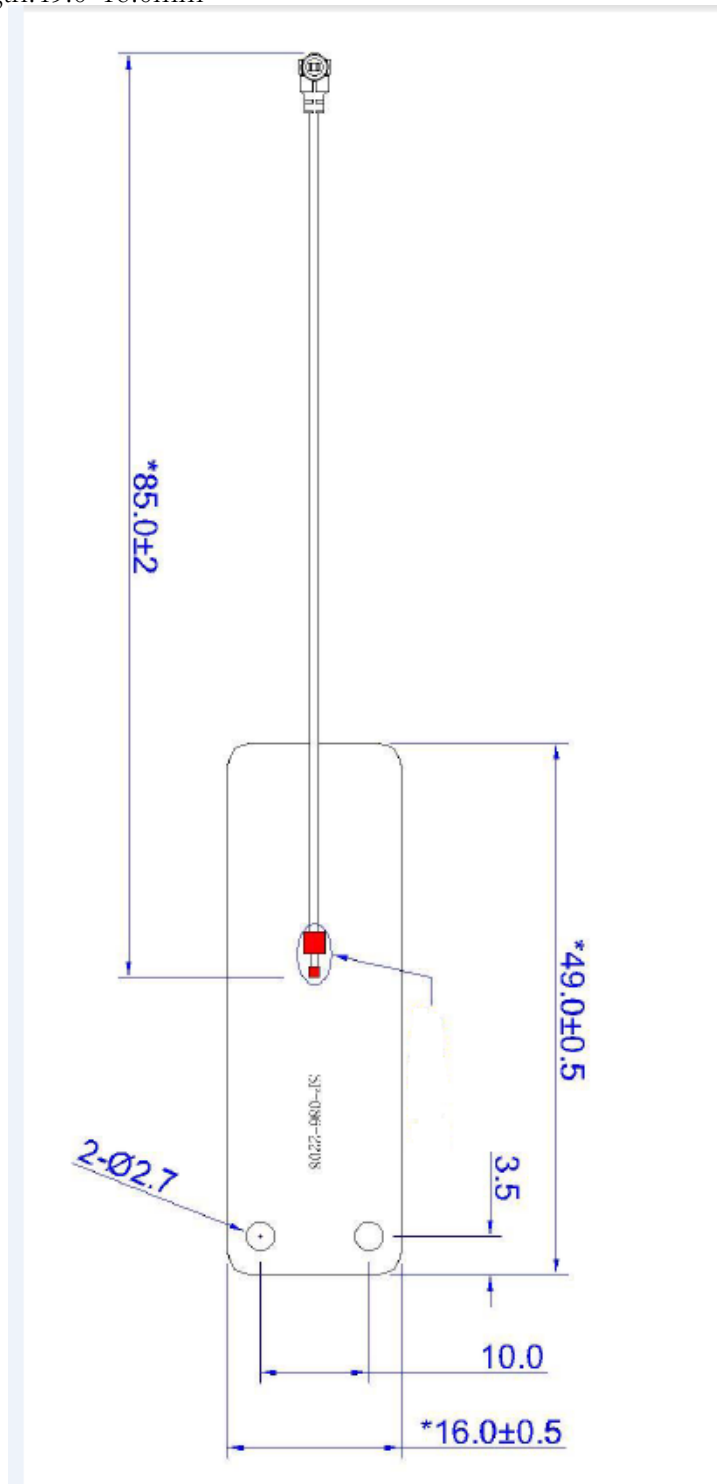
\*Add: NO.629,Yunli Road,WuJiang District,SuZhou City,JiangSu Province,China

\*TEL: 0512-63636028

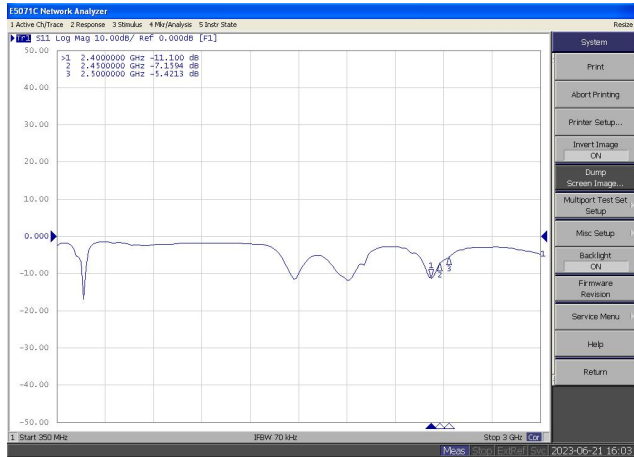
\*E-Mail: saixun@szsaixun.com

\*Web: www.szsaixun.com

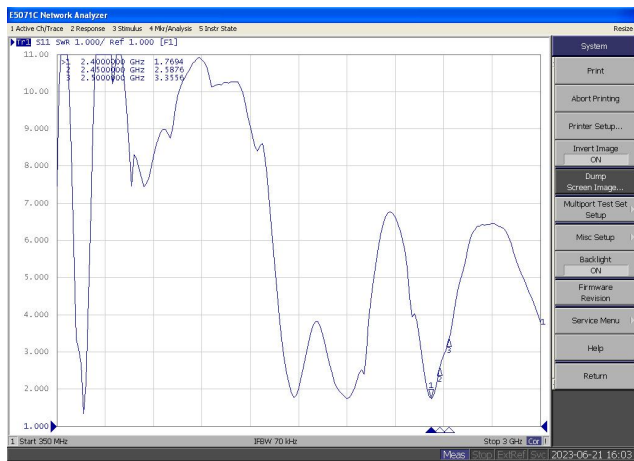
1. Antenna Length:49.0\*16.0mm



## 2. (return LOSS& VSWR)



return LOSS



VSWR

## 3. (Antenna Gain)

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-6.02	-6.22	-6.30	-6.31	-6.59	-7.18	-7.46	-7.46	-7.51	-8.06	-8.60
Gain (dBi)	0.20	0.15	0.23	0.22	-0.16	-0.86	-1.32	-1.25	-1.21	-1.69	-2.12
Efficiency (%)	24.99	23.89	23.43	23.38	21.95	19.15	17.93	17.95	17.73	15.65	13.81

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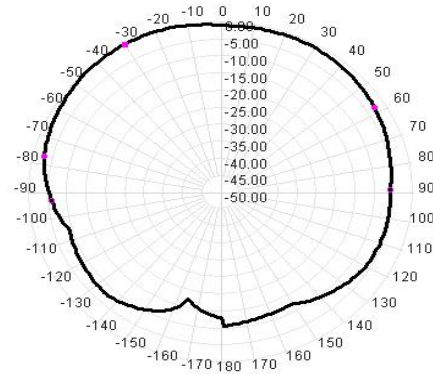
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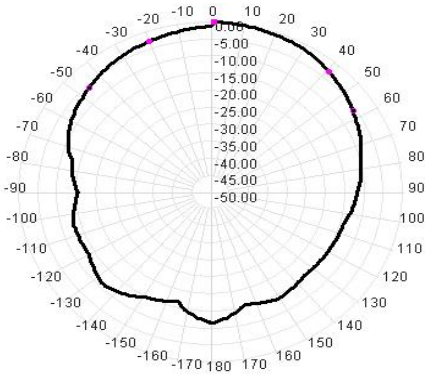
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4. (2D&3D) 2400.0MHz

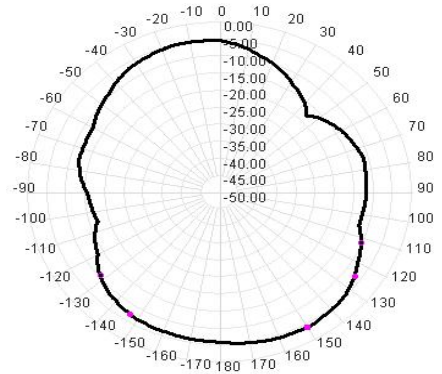
Total(E1-XZ), Max= 0.20dBi



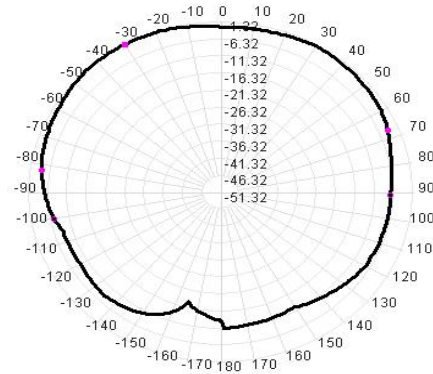
2400.0MHz Total(E2-YZ), Max= -0.03dBi



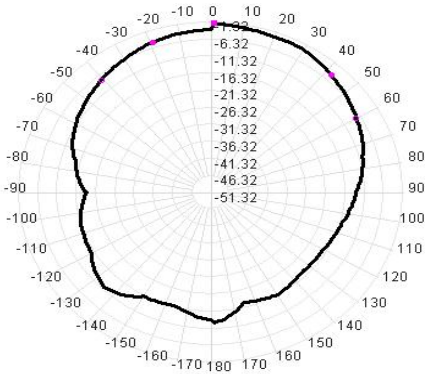
Total(H-XY), Max= -4.37dBi, CirD=14.08



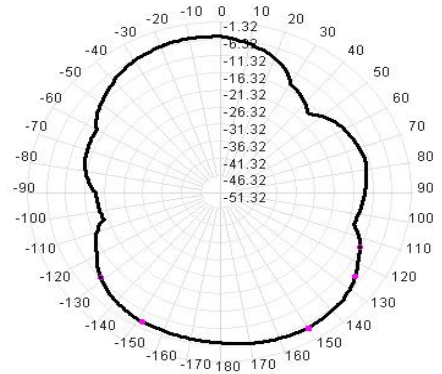
2450.0MHz Total(E1-XZ), Max= -0.86dBi



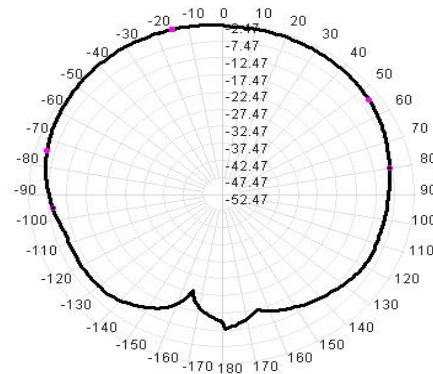
2450.0MHz Total(E2-YZ), Max= -1.81dBi



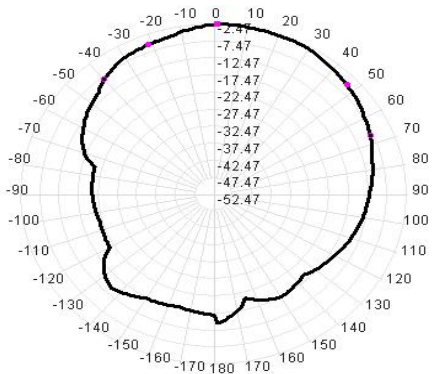
Total(H-XY), Max= -5.42dBi, CirD=14.73



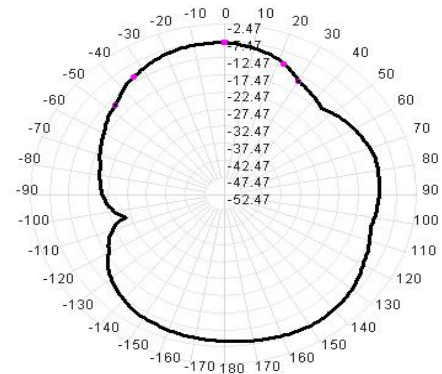
2500.0MHz Total(E1-XZ), Max= -2.21dBi



2500.0MHz Total(E2-YZ), Max= -2.47dBi



Total(H-XY), Max= -7.90dBi, CirD=18.46



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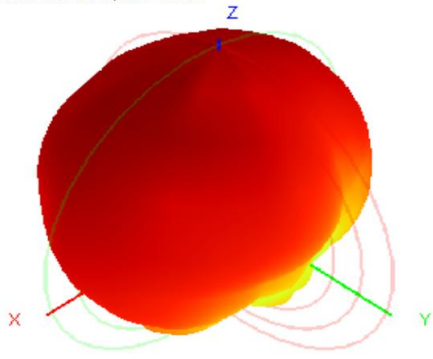
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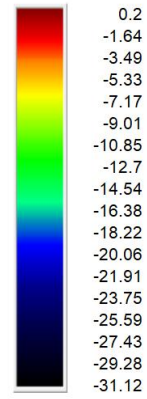
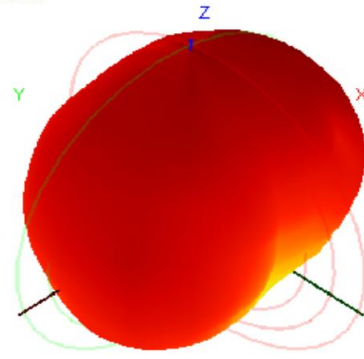
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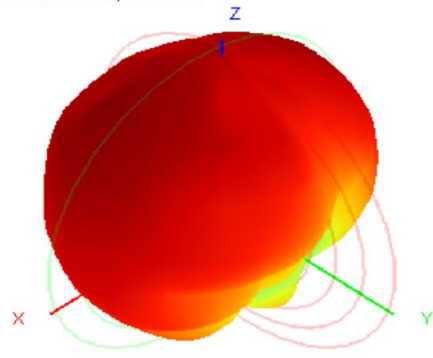
2400.0MHz H+V, Eff: 25.0%



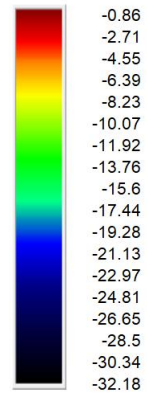
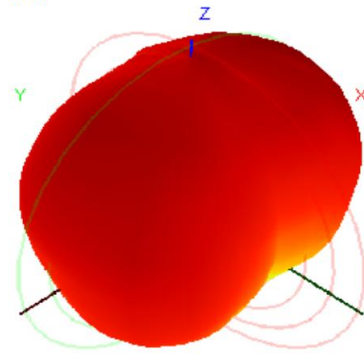
Back View



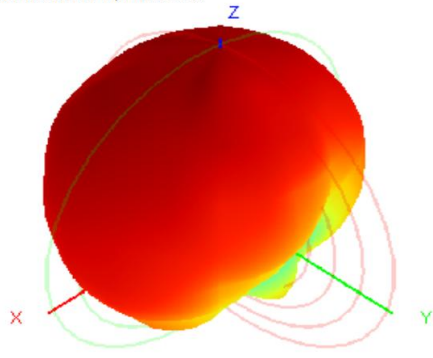
2450.0MHz H+V, Eff: 19.1%



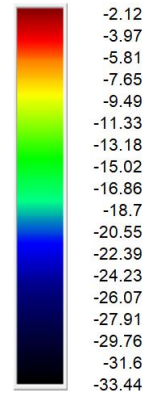
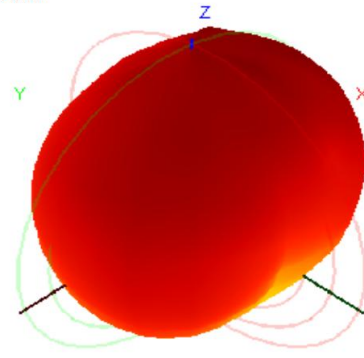
Back View



2500.0MHz H+V, Eff: 13.8%



Back View



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