

Customer Name: HKC

Customer Moder: Genio 700

Customer P/N: 260504004230

Customer Describe:

YCX P/N:

Customer Describe: WIFI天线 1.13 一代帽 130mm FPC EVA双频+蓝牙BG07

PRODUCT SPECIFICATION

Signature and seal of confirmation					
YCX Approved			Customer Approved		
Sample	audit	approved	validation	audit	approved
Fan xin zhu	Huang zhen	Lin mei cai			
			Customer Approved By		
Date	2025-05-30		Date		

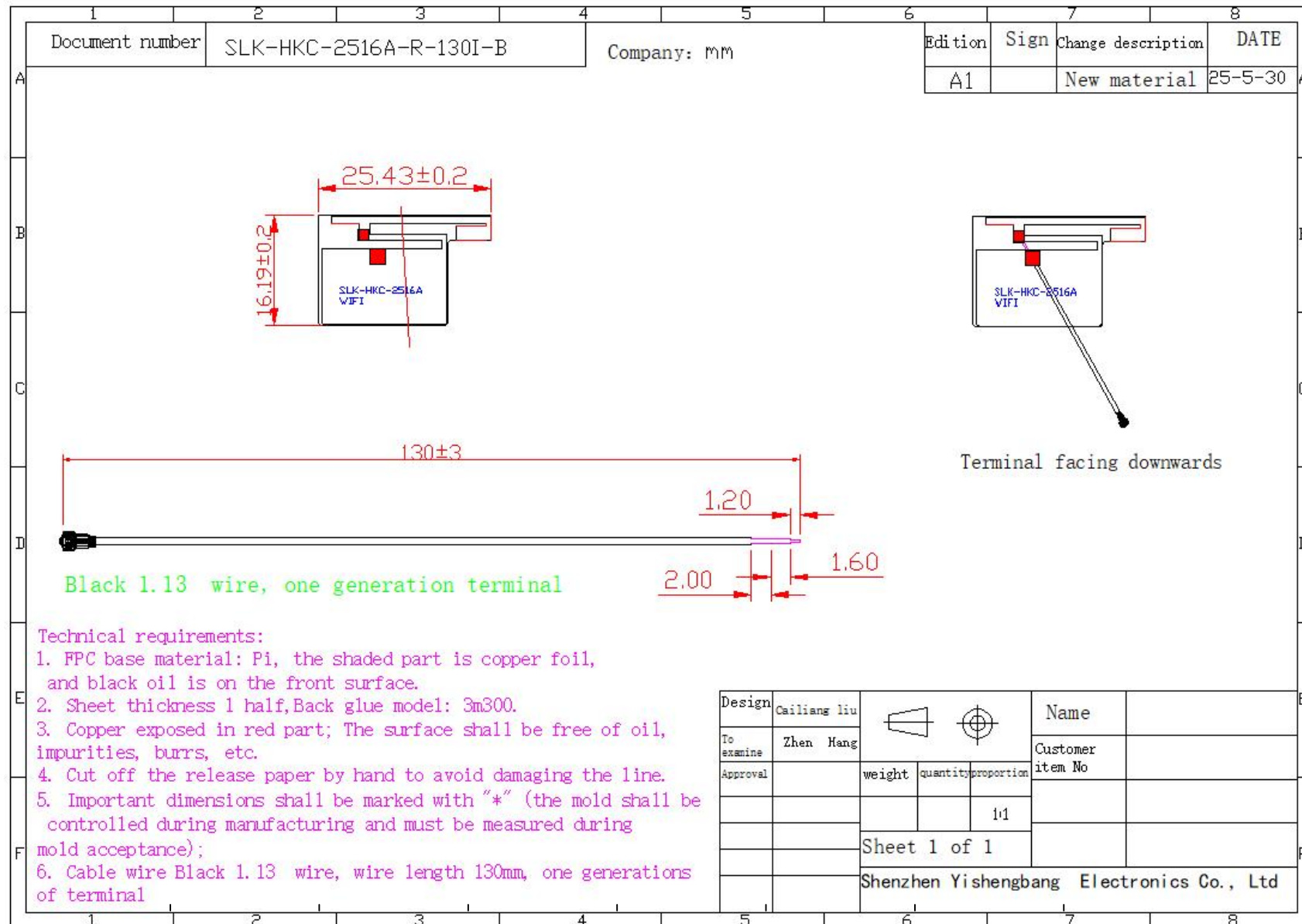
File for amendment/revocation/resume

[illegible]

3、Directory

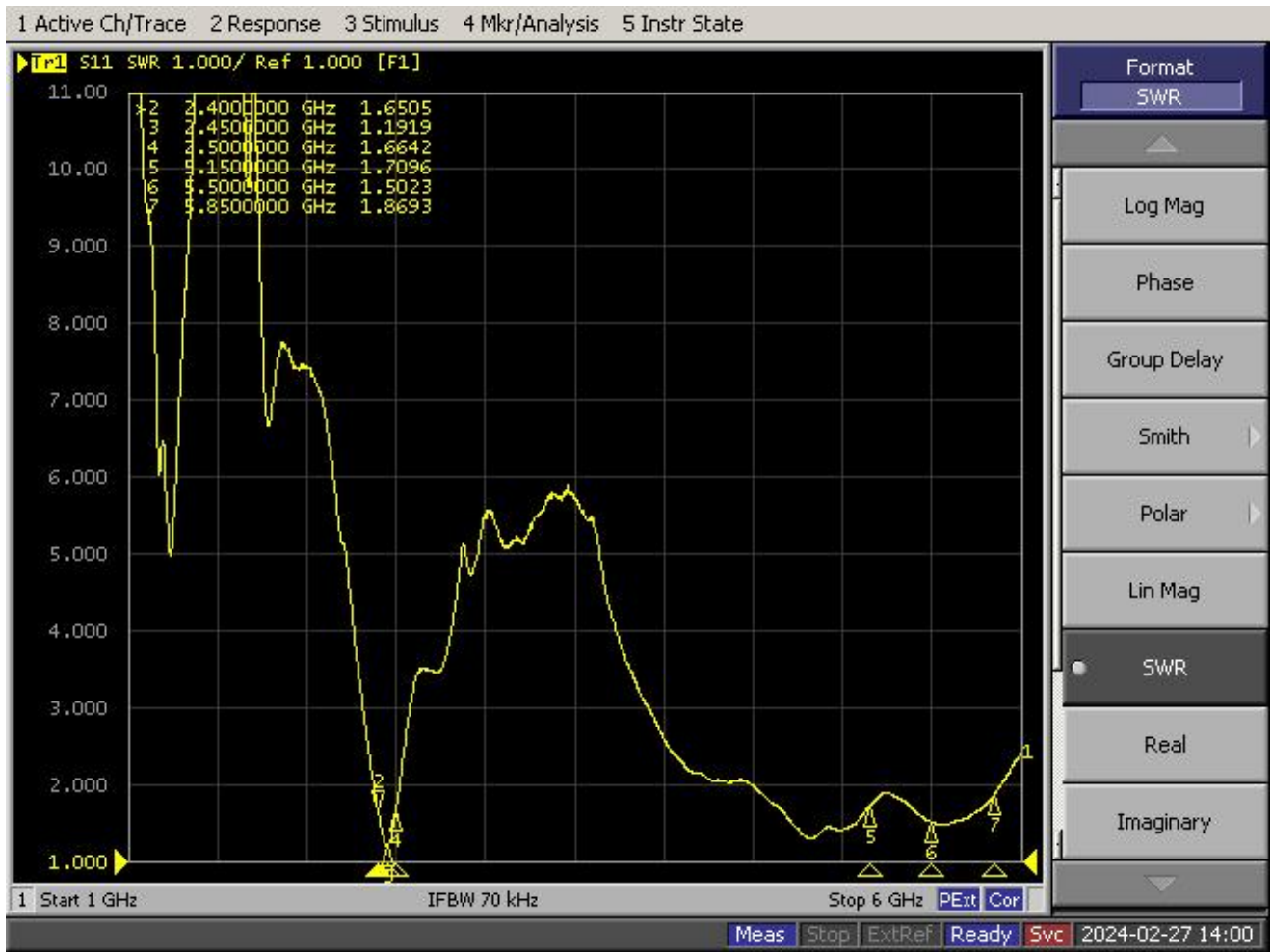
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4、Product drawings



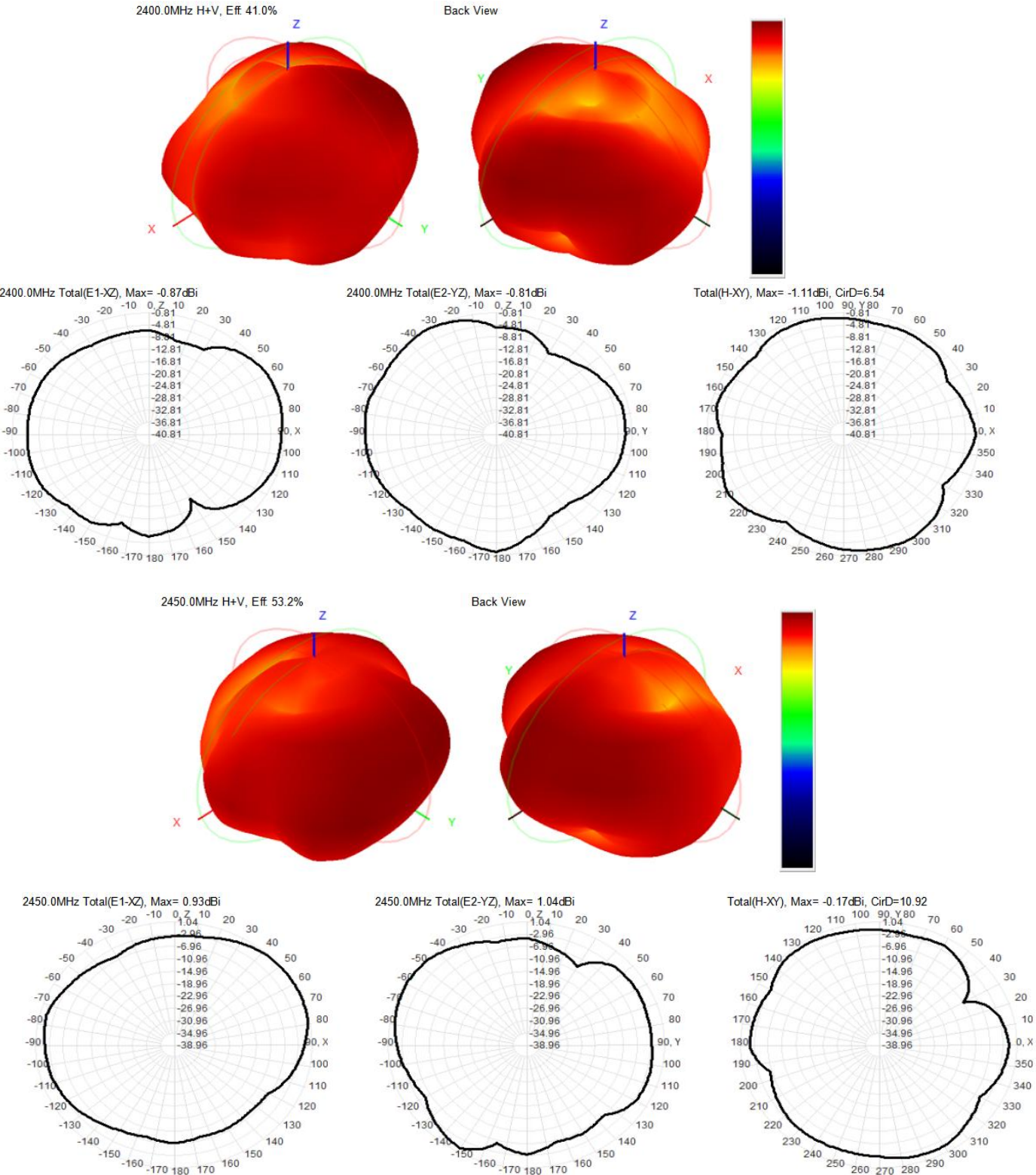
5、Passive performance test parameters

Frequency(GHz)	2.4	2.45	2.5	5.15	5.85
VSWR	1.65	1.19	1.66	1.7	1.86



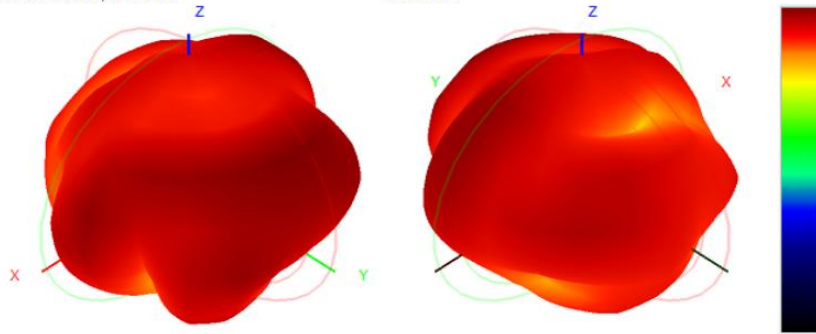
6、2D、 3D Performance figure

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	5150	5350	5500	5650	5850
Efficiency (dBi)	-3.87	-3.44	-3.08	-2.95	-2.88	-2.74	-2.58	-2.86	-2.91	-3.01	-3.37	-2.69	-3.39	-2.58	-3.00	-2.88
Gain (dBi)	1.24	1.58	1.90	1.69	1.99	2.19	2.25	2.26	2.43	2.44	2.16	2.88	2.08	2.15	2.02	2.15
Efficiency (%)	41.05	45.27	49.22	50.65	51.55	53.21	55.26	51.78	51.21	50.05	46.06	53.79	45.85	55.27	50.11	51.57



2500.0MHz H+V, Eff 46.1%

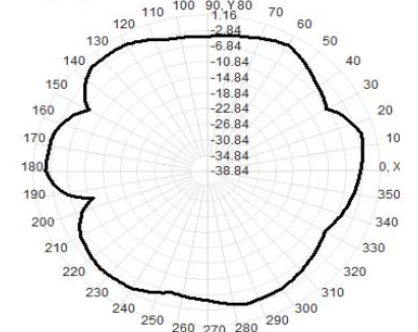
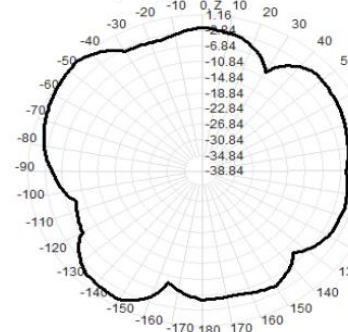
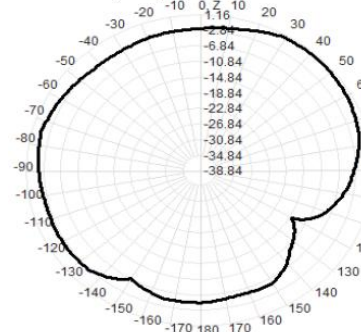
Back View



2500.0MHz Total(E1-XZ), Max= 0.48dBi

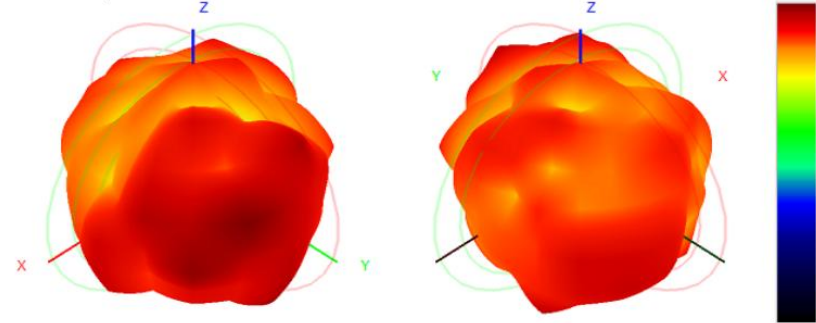
2500.0MHz Total(E2-YZ), Max= 1.16dBi

Total(H-XY), Max= -1.37dBi, CirD=10.59



5150.0MHz H+V, Eff 53.8%

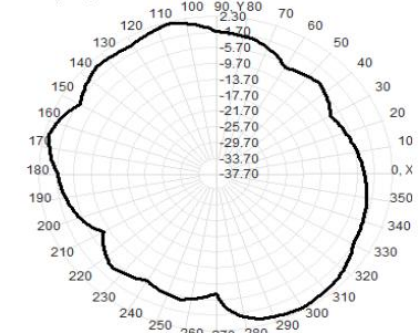
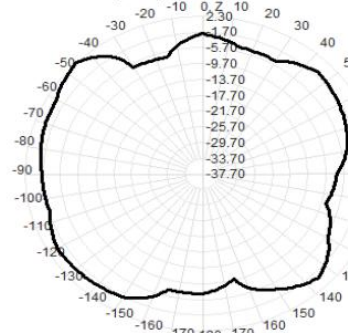
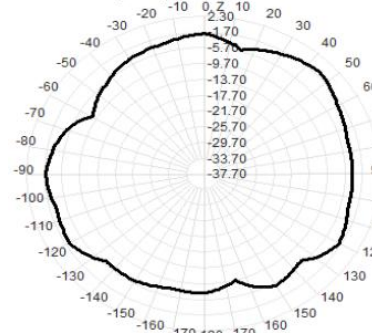
Back View



5150.0MHz Total(E1-XZ), Max= -0.94dBi

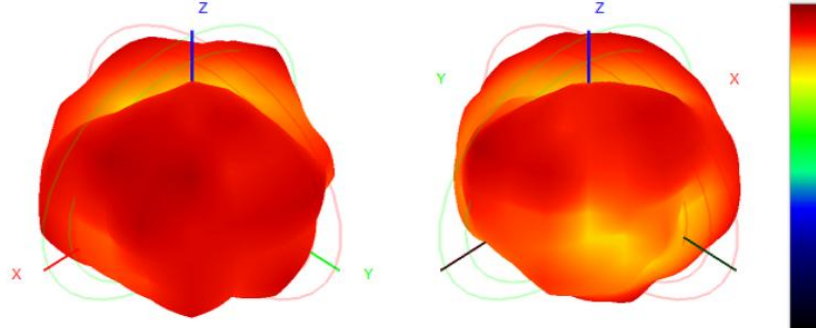
5150.0MHz Total(E2-YZ), Max= 2.30dBi

Total(H-XY), Max= 1.87dBi, CirD=10.40



5850.0MHz H+V, Eff 51.6%

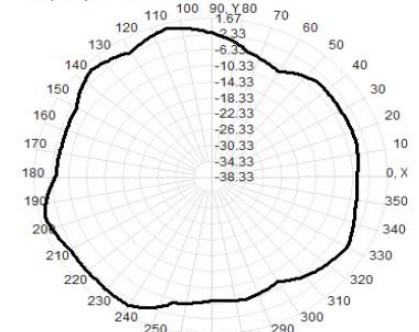
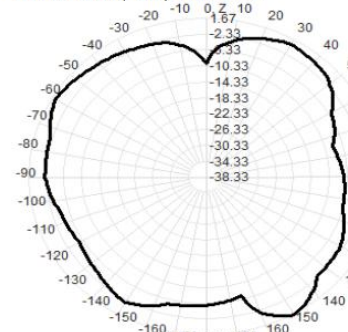
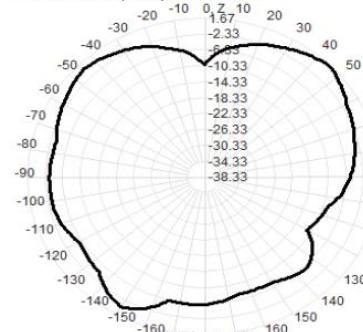
Back View



5850.0MHz Total(E1-XZ), Max= 1.38dBi

5850.0MHz Total(E2-YZ), Max= 1.67dBi

Total(H-XY), Max= 0.39dBi, CirD=8.46



7、Electrical performance test report

Electrical parameters		
Frequency range		2400MHz-2500MHz + 5150MHz-5850MHz
input impedance		50Ω
VSWR		<2.0 control sample test pater
Gain	Maximum	2.4G:2.44dBi;5.8G:2.88dBi
Polarization mode		Vertical polarization
Radiation direction		omnidirectional
connection method		IPEX
The mechanical parameters		
Cable		RF1.13-Black line
Salt spray test		24H
Environmental parameters		
Working temperature		-40~85℃