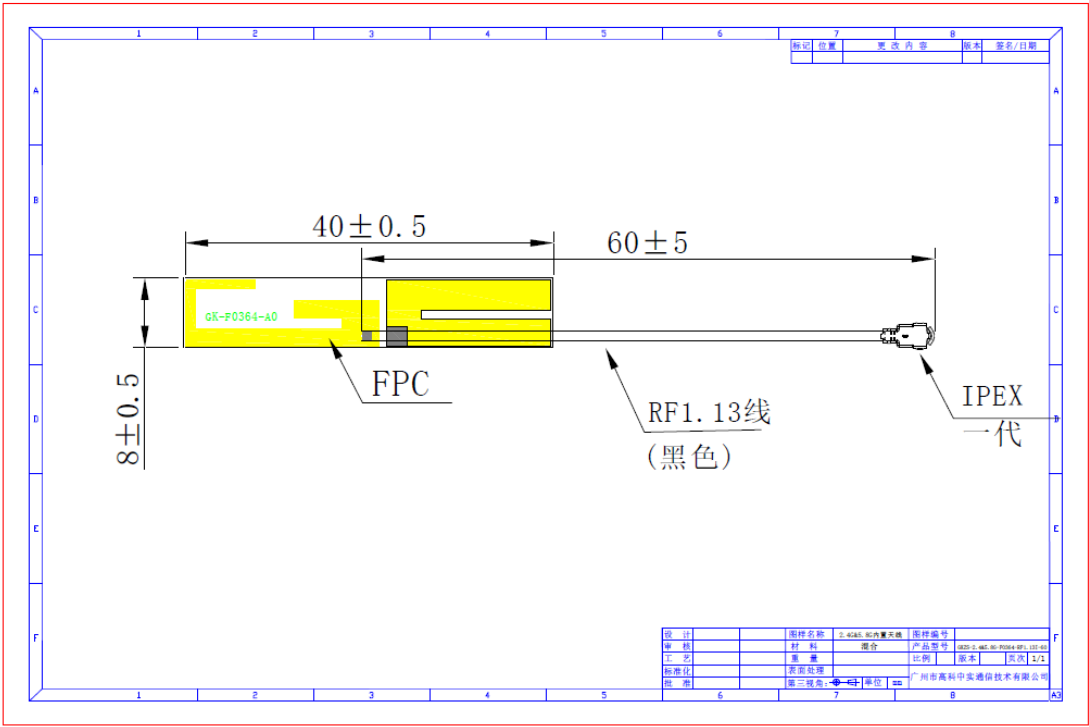


Specification For Approval

Client:	Shining 3D Tech Co., Ltd. No. 1398, Xiangbin Road, Wenyan, Xiaoshan, Hangzhou, Zhejiang, P.R. China
Supplier	Gaoke Ant Co., Ltd. 3rd Floor, Building c, Longdong First Industrial Zone, No. 163, Yinglong Road, Tianhe District, Guangzhou City, Guangdong China
Customer P/N	GKZS-2.4&5.8G-F0364-RF1.13I-60
Production Name	2.4&5G Internal antenna

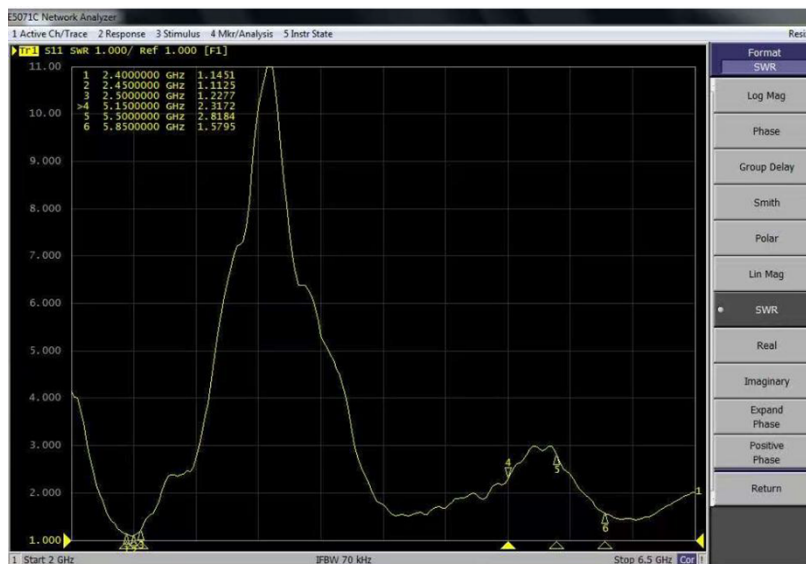
Construction design



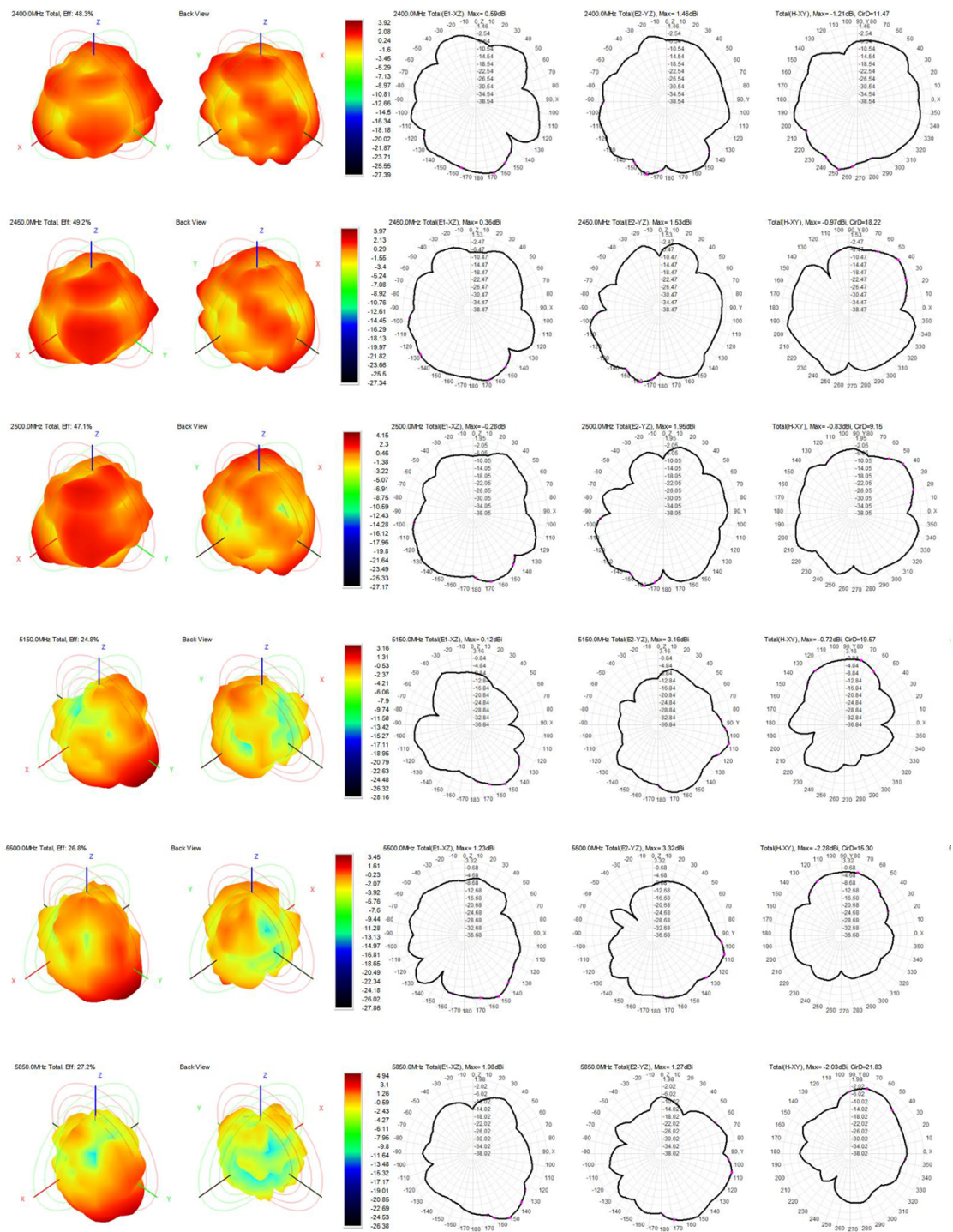
Technical parameters

Design Specifications	Typical
Antenna Type	internal antenna (FPC)
working Frequency	2400-2500MHz, 5150-5850MHz
Gain	4.15dBi Max@2400-2500MHz 3.15dBi Max@5150-5250MHz 5.19dBi Max@5725-5850MHz
VSWR	≤3.0
Polarization	H/V
Radiation pattern	Omni
impedance	50Ω
Power handling	33dBm
Weight	0.3g
Operating Temp	-40°C~85°C

Standing wave ratio & return loss diagram



Radiation pattern (3D&2D)



Antenna Gain and Efficiency Curves

