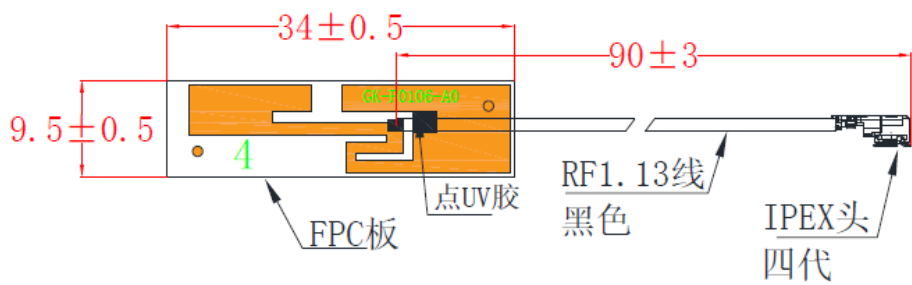


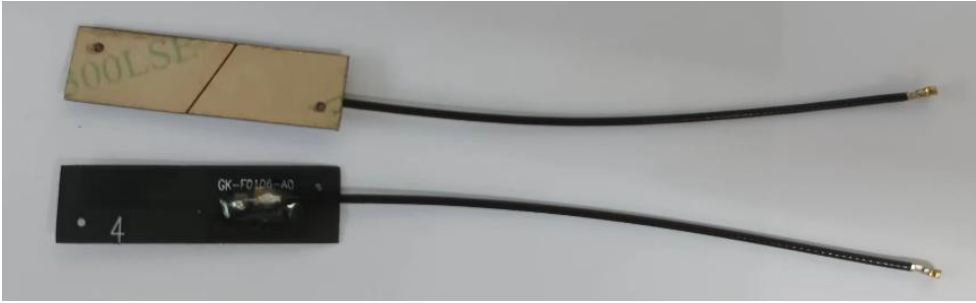
Specification For Approval

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	EE0000351
Production Name	2.4&5.8G Internal antenna
Production Number	GKZS-5.8G-F0106-RF1.13I4-90

Construction design



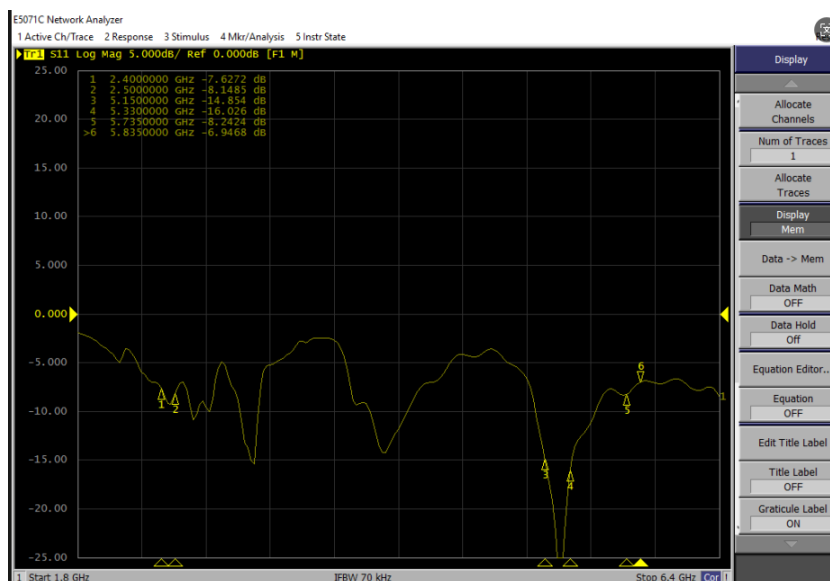
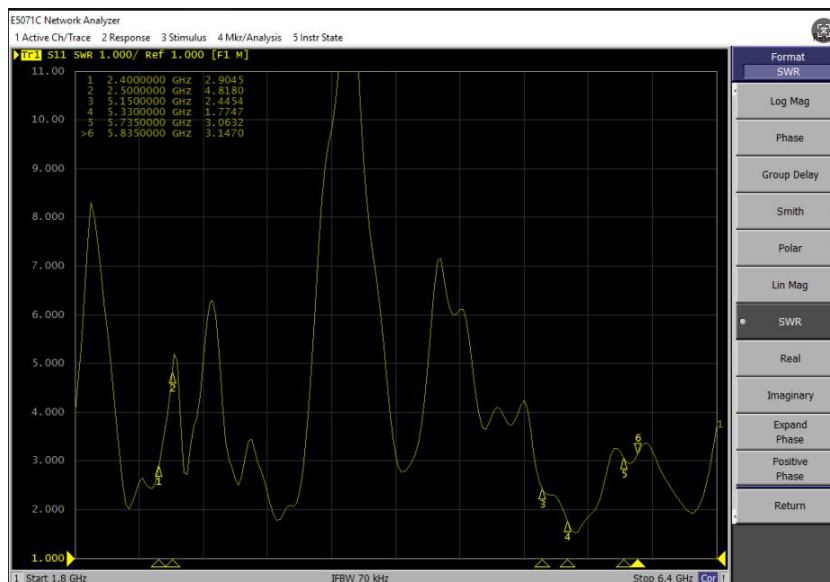
Photos



Technical parameters

Design Specifications	Typical
Antenna Type	internal antenna (FPC)
working Frequency	2400-2500MHz、5150-5850MHz
Gain	-1.02dBi Max@2400-2500MHz 3.42dBi Max@5150-5850MHz
Antenna efficiency	≥8%@2400-2500MHz ≥15%@5150-5850MHz
VSWR	≤3.5
Polarization	H/V
Radiation pattern	Omni
impedance	50Ω
Power handling	33dBm
Interface	IPEX / RF1.13 cable 90mm
Overall dimensions	34x9.5mm
Weight	0.4g
Operating Temp	-40°C~85°C

Standing wave ratio & return loss diagram



Radiation pattern (3D&2D)

