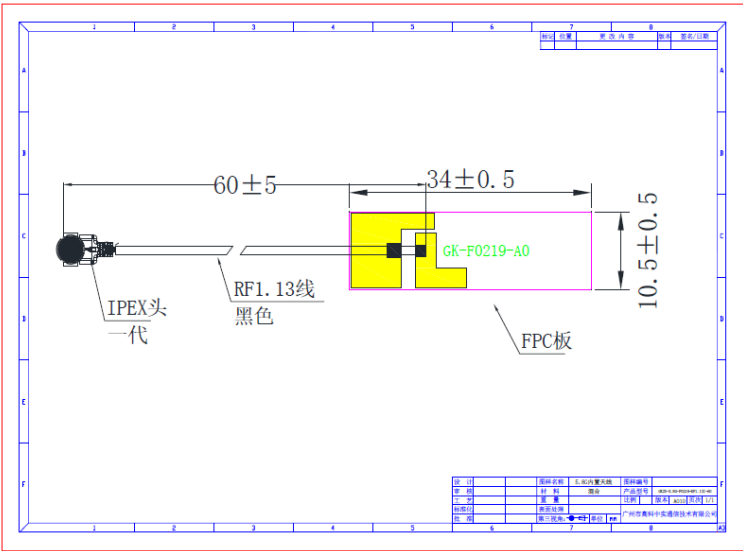


Specification For Approval

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	EE0000872
Production Name	Internal antenna
Production Number	GKZS-5.8G-F0219-RF1.13I-60

Construction design



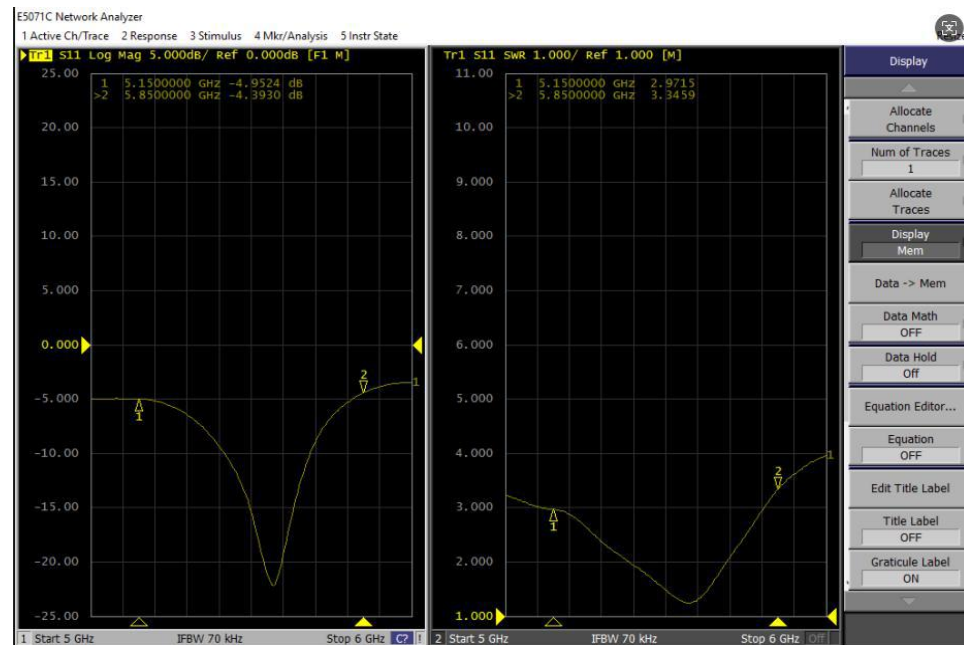
Photos



Technical parameters

Design Specifications	Typical
Antenna Type	internal antenna (FPC)
working Frequency	5150-5850MHz
Gain	4.5dBi Max@5150-5250MHz, 5725-5850MHz,
Antenna efficiency	$\geq 15\%$ @5150-5850MHz
VSWR	≤ 3.5
Polarization	H/V
Radiation pattern	Omni
impedance	50 Ω
Power handling	33dBm
Interface	IPEX / RF1.13 cable 60mm
Overall dimensions	34x10.5mm
Weight	$\leq 0.5g$
Operating Temp	-40°C~85°C

Standing wave ratio & return loss diagram



Radiation pattern (3D&2D)

