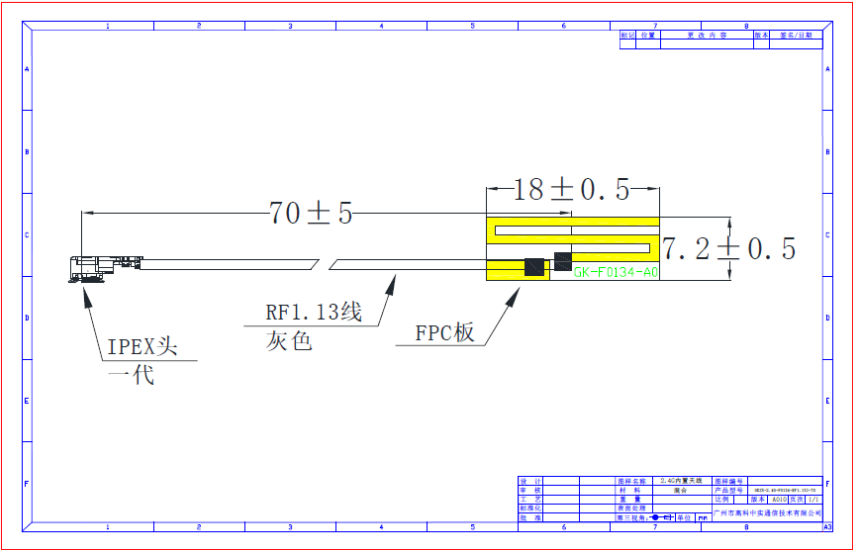


Specification For Approval

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	P00039769 A010 F1
Production Name	2.4&5.8G Internal antenna
Production Number	GKZS-2.4&5.8G-P0129-RF1.13I-500A

Construction design



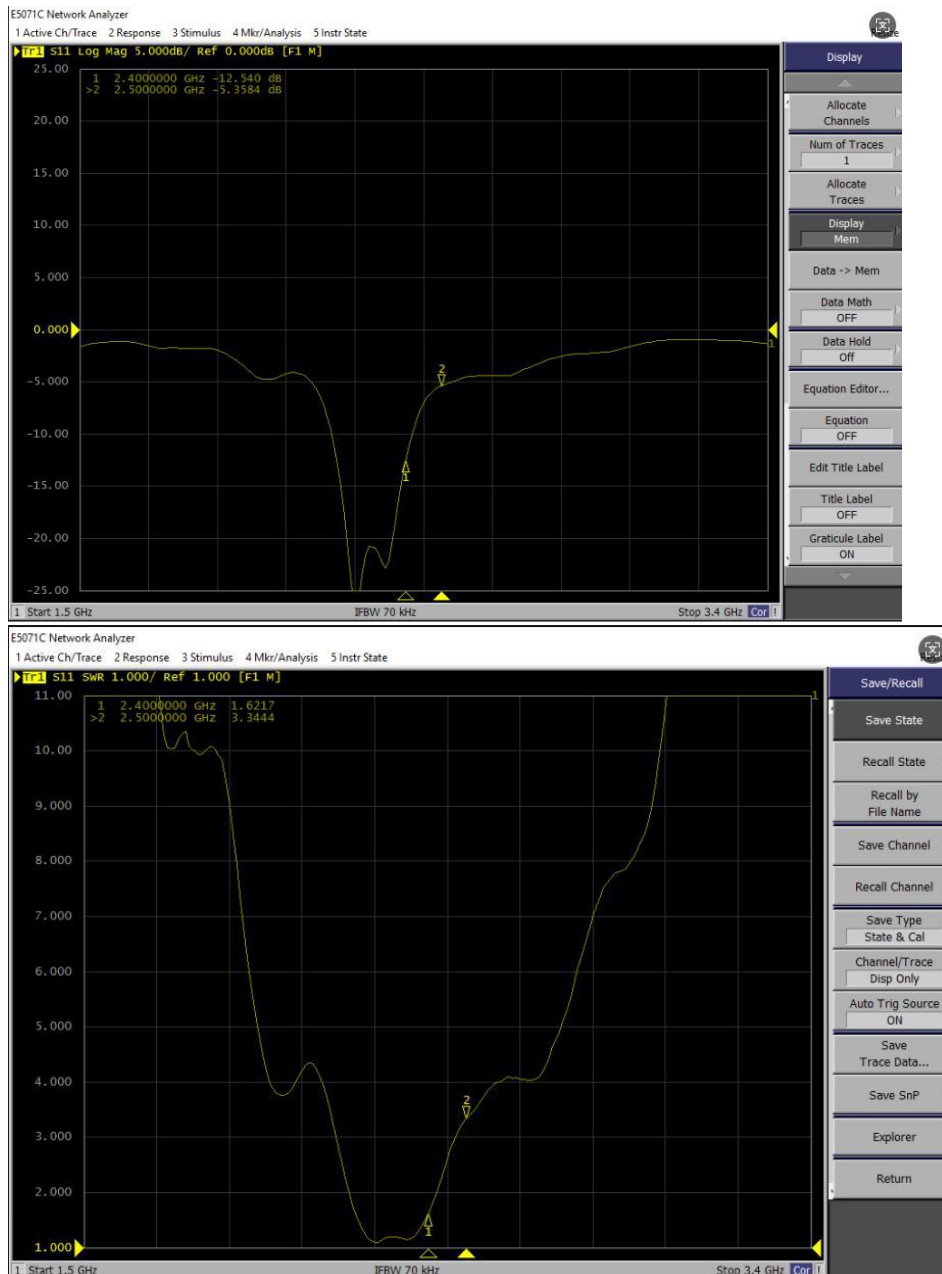
Photos



Technical parameters

Design Specifications	Typical
Antenna Type	internal antenna (FPC)
working Frequency	2400-2500MHz、5150-5850MHz
Gain	2.7dBi Max@2400-2500MHz
Antenna efficiency	$\geq 20\%$ @2400-2500MHz
VSWR	≤ 3.5
Polarization	H/V
Radiation pattern	Omni
impedance	50 Ω
Power handling	33dBm
Interface	IPEX / RF1.13 cable 70mm
Weight	$\leq 5g$
Operating Temp	-40°C~85°C

Standing wave ratio & return loss diagram



Radiation pattern (3D&2D)

