40x8 WIFI 7 Antenna

FEATURES

- 2.80 dBi Peak Gain@2.4G
- 5.46 dBi Peak Gain@5.8G
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal

PRODUCTS

Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
(M01-0201280R0A) F12E00061A0	0.5	FPC:40.0*8.0*0.2 mm	Φ1.13*110mm	IPEX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	4900-7200
VSWR (Max)	1.6:1	2.2:1
Peak Gain, dBi (Typ)	Up to2.89 dBi@2.4G/Up to5.46 dBi@5.8G	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	60°	
Polarization	Linear	
Color	Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-40° C to +85° C	
Material Substance Compliance	REACH/RoHS Compliant	

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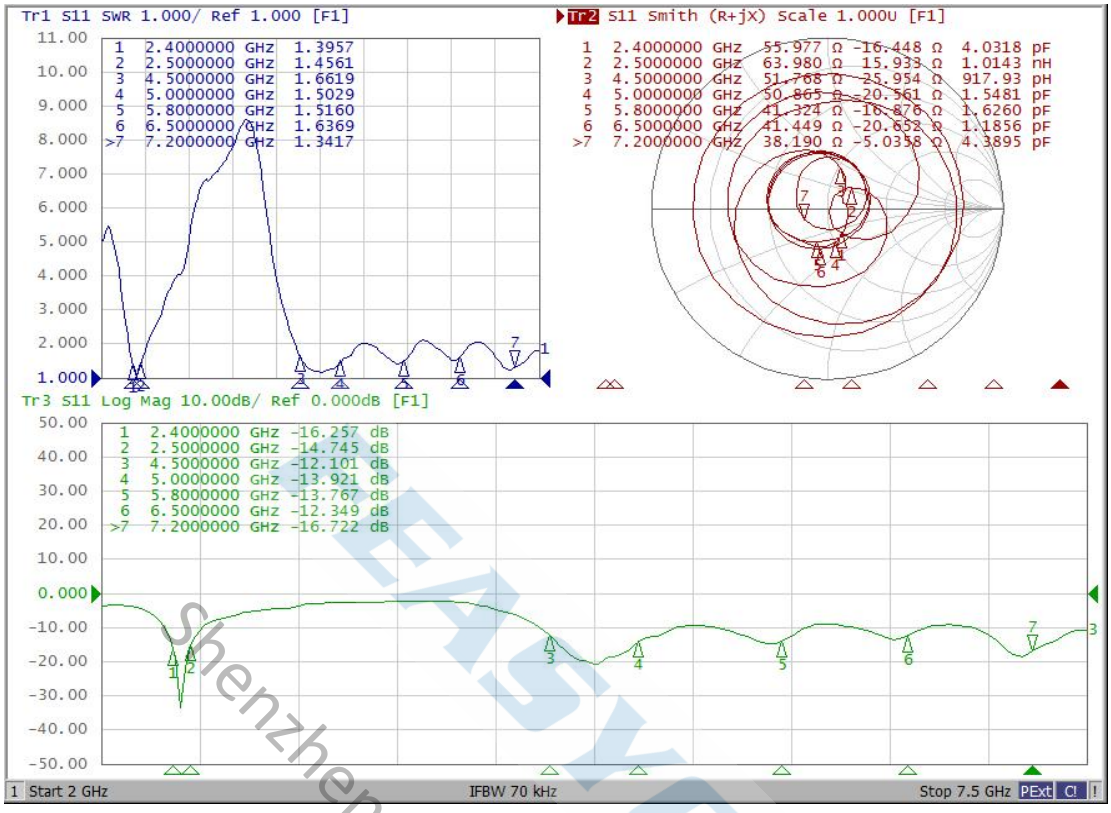
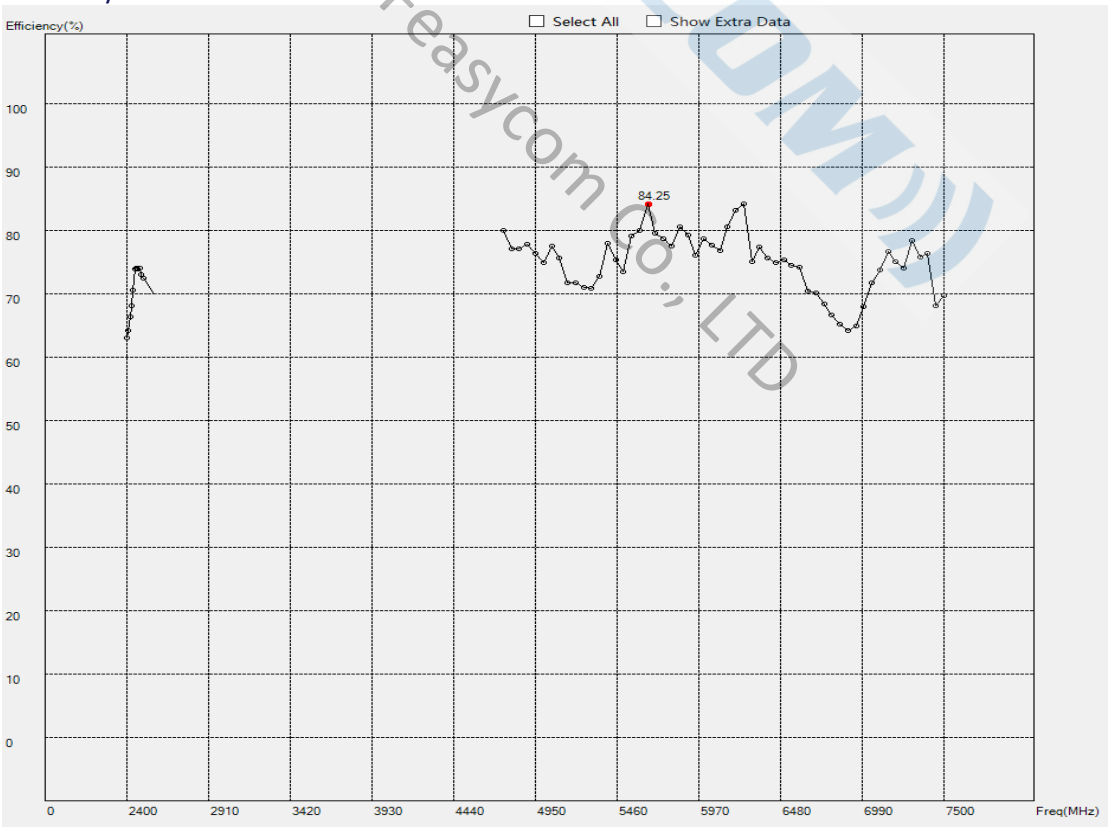
ELECTRICAL DATA

Return Loss



Efficiency（%）



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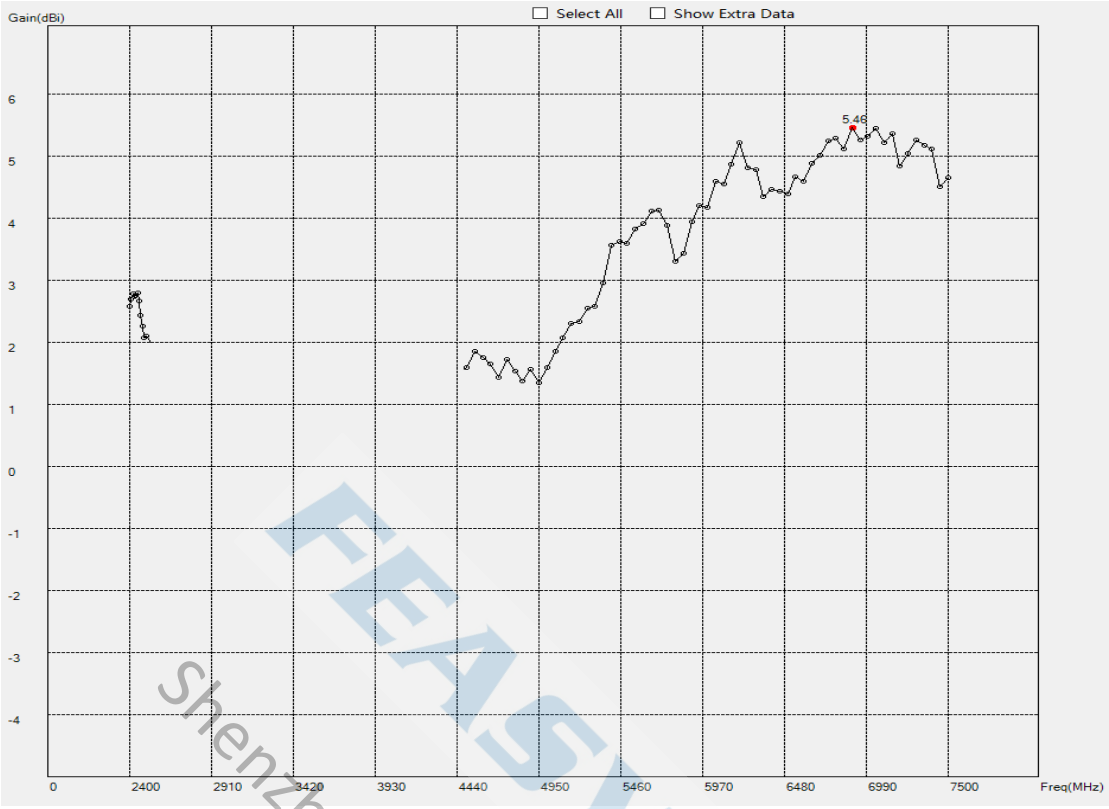
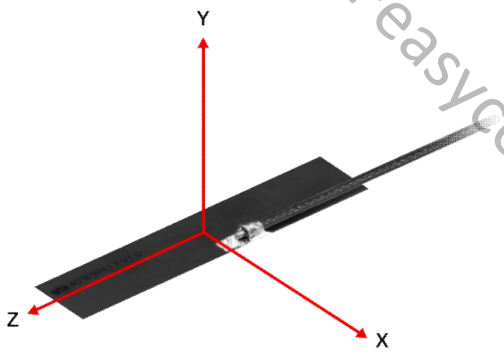
Peak Gain（dBi）

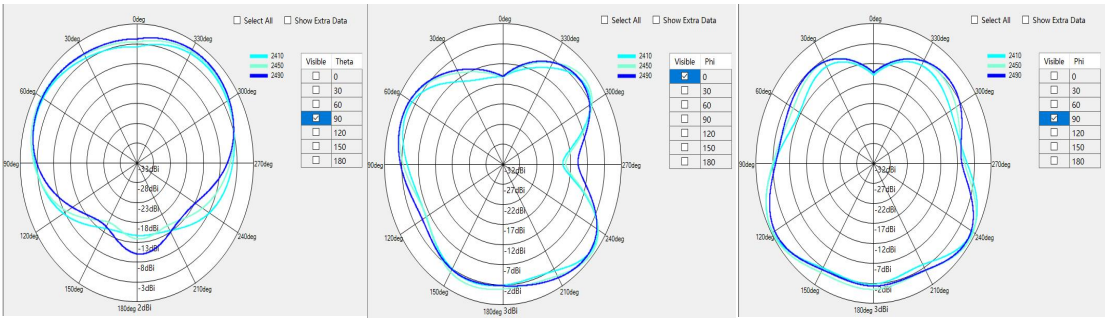


RADIATION PATTERNS

Radiation pattern reference



2D Radiation Pattern at 2410MHz/2450MHz/2490MHz



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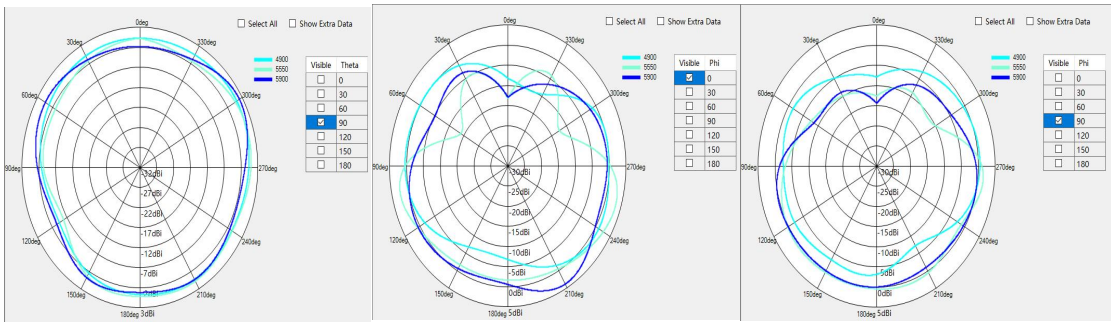
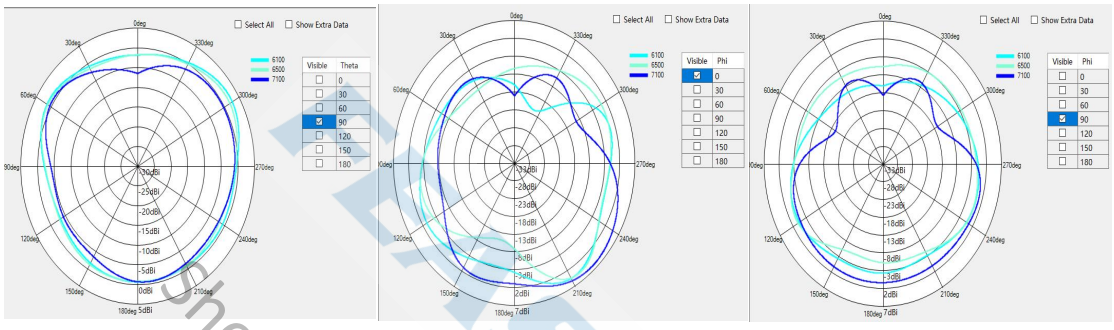
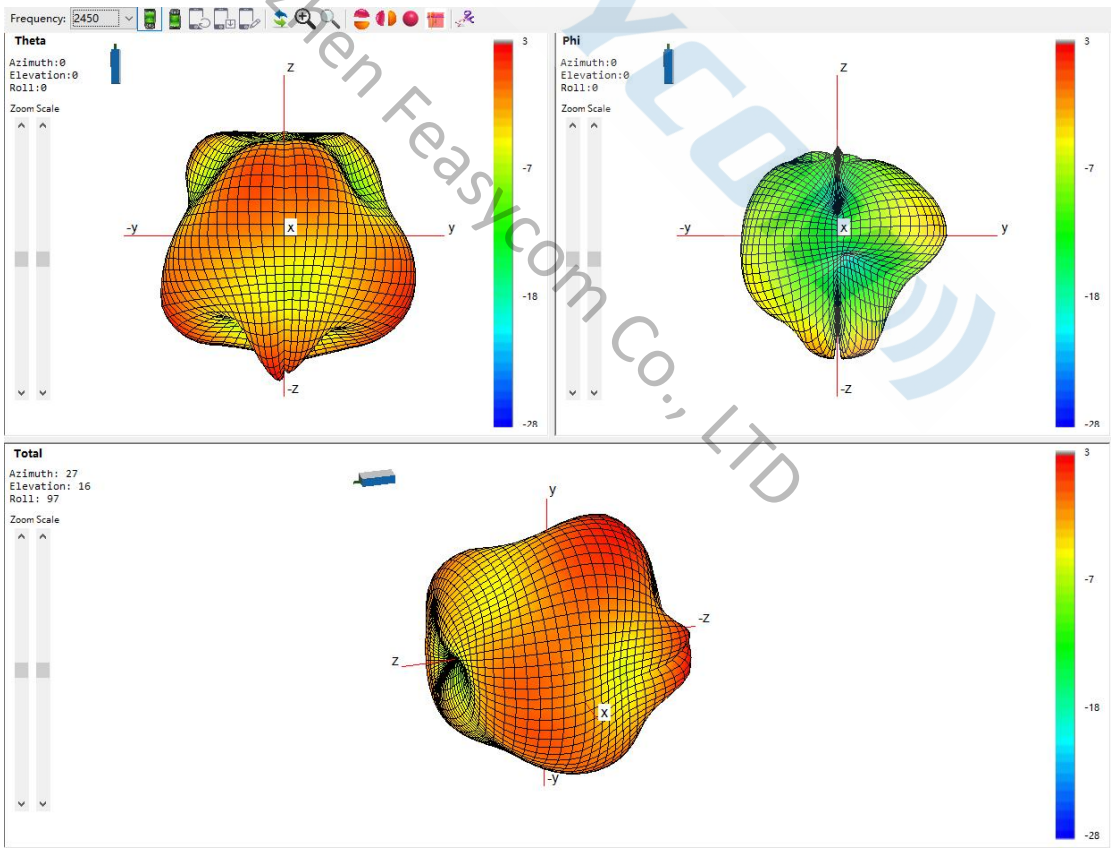
2D Radiation Pattern at 4900MHz/5550MHz/5900MHz



2D Radiation Pattern at 6100MHz/6500MHz/7100MHz



3D Radiation Pattern at 2450MHz Gain=2.8 dBi



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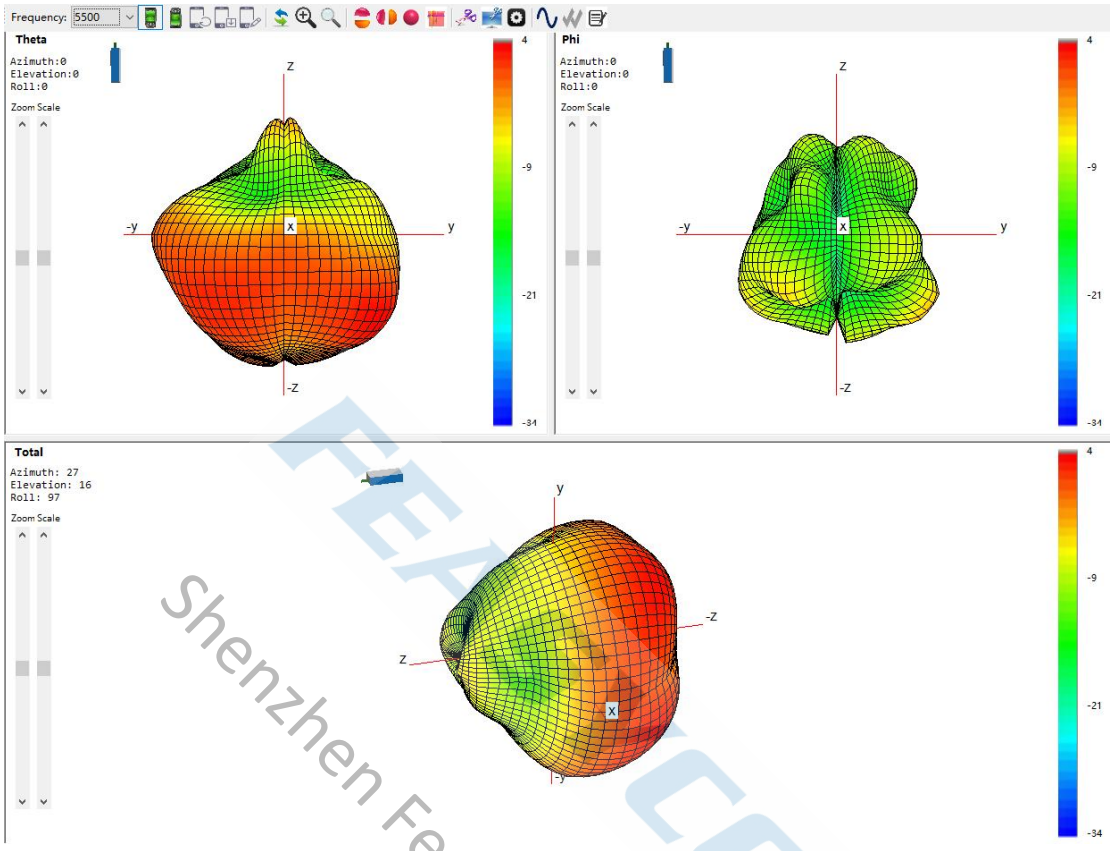
3D Radiation Pattern at 5500MHz Gain=3.59 dBi



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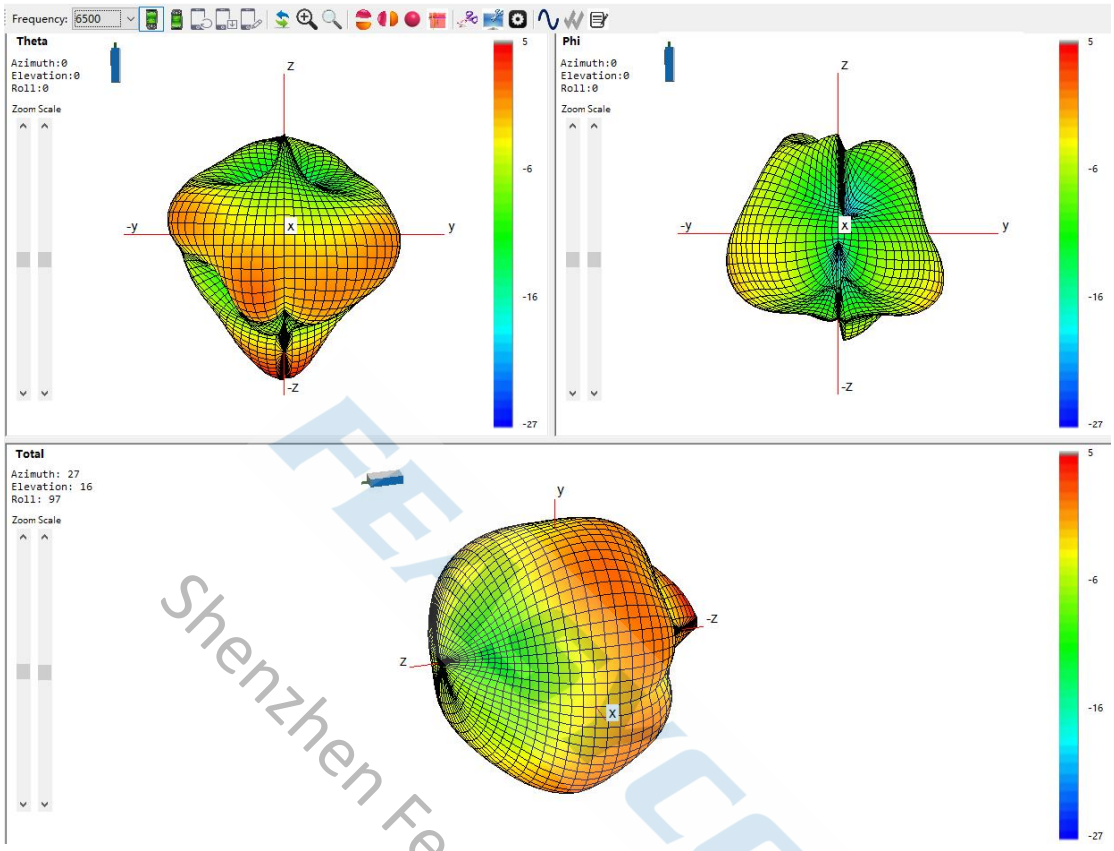
3D Radiation Pattern at 6500MHz Gain=4.39 dBi



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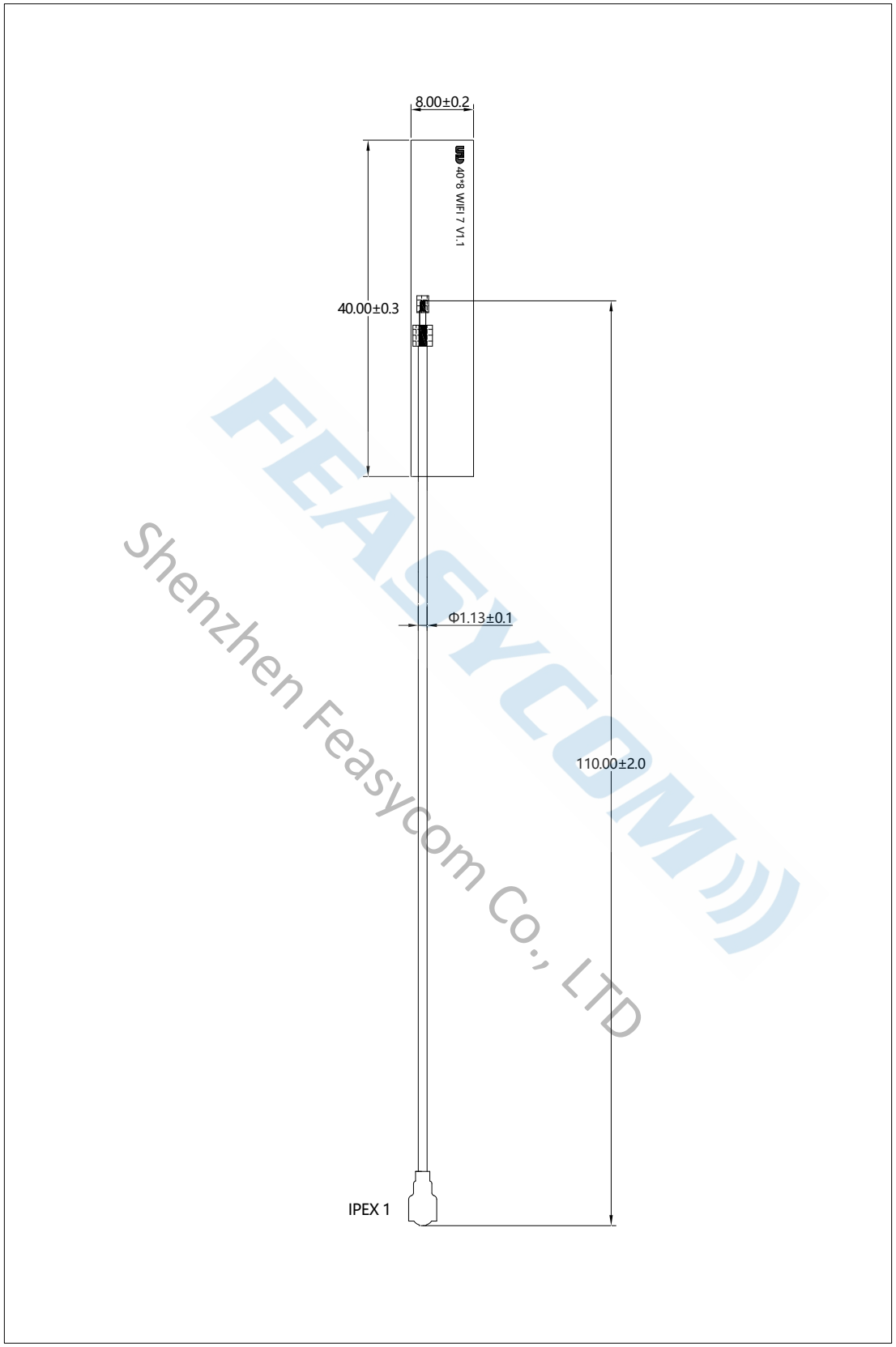
HOUSING CONFIGURATIONS



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