

stigwize

Stigwize 2-in-1 Puck Antenna 1x 4G | 1x WiFi

Product Stigwize 2-in-1 Puck Antenna

SKU STI-PUCK-4G-WIFI

EAN 8785285643334

Capestone articlenumber STI20003


RoHS
COMPLIANT



Stigwize 2-in-1 Puck Antenna

With its unique combination of 1x 4G and 1x WiFi , this Stigwize 2-in-1 puck antenna offers a comprehensive approach to network connectivity. The Stigwize 2-in-1 Puck antenna (4G | WiFi), a versatile and cost-effective connectivity solution designed to meet the diverse needs of businesses in the modern world.

Features

- Type: PUCK antenna
- 3G/4G Frequency & Gain: 700-960/ 1575-2700MHz Gain 1-4 dBi
- WiFi Frequency: 2400-2500 /5100-5800MHz 2-3 dBi
- Cables and Connector: 2x 3 RG174 meters (SMA)
- Polarization: Linear vertical
- Voltage Standing Wave Ratio: ≤ 2.5
- Dimensions HxWxD (cm): High 8 x Wide 8 x Depth 4.5 cm

Key features

- 4G connectivity: The Stigwize 2-in-1 Puck antenna features 700-960MHz/1575-2700MHz for 4G mobile data connectivity. The antenna is backwards compatible with both 3G networks.
- WiFi support: The addition of two WiFi antennas increases the versatility of this antenna, allowing wireless data access and local network connections.
- Compact design: The compact and robust design of the Stigwize 2-in-1 Puck antenna makes it suitable for both indoor and outdoor installations, ensuring deployment flexibility.
- Reliable performance: Stigwize products are known for their reliability, minimizing downtime and maximizing operational efficiency.

Applications

- **Fleet Management Systems:** The combination of 4G and WiFi provides continuous connectivity for data transfer and communication with the vehicles, enabling efficient fleet management.
- **Industrial IoT applications:** In industrial environments, where connectivity is essential for monitoring and controlling machinery and equipment, the Stigwize 2-in-1 Puck antenna can provide both 5G mobile and GPS connectivity. This makes it suitable for applications such as remote equipment monitoring, predictive maintenance and device tracking and location.
- **Outdoor surveillance and security:** Outdoor surveillance cameras and security systems often require remote connectivity. The rugged design of this antenna, combined with its 4G and WiFi capabilities, can support surveillance cameras in remote locations.
- **Agricultural automation:** In precision agriculture, farmers can use this antenna to monitor and control agricultural equipment such as drones and autonomous vehicles. 4G and WiFi connections enable data exchange for crop monitoring and equipment management.



About Stigwize

Stigwize is an antenna brand for 4G, 5G, WiFi and GPS antennas for the business market. Stigwize antennas can be used in all kinds of vertical sectors including IoT, Enterprise, Retail, Construction, Mobility, Security and Maritime.

As the European distributor of Stigwize, Capestone supplies the complete antenna portfolio. This portfolio includes 4G and 5G antennas for indoors and outdoors, vandal-resistant puck antennas and screw antennas for mounting on 5G routers.

When stigmatizing profits, in addition to favorable pricing, there are also various other benefits including a 24-month warranty and a direct SWAP policy. Capestone's engineers can also put together custom antennas for projects, so that you always have the most suitable solution, as you have come to expect from Capestone.

Specification STI-PUCK-4G-WiFi	
Model No.	STI-PUCK-4G-WIFI
Antenna Type	Roof Screw Mount
Antenna Size	L80xW80xH45 mm
Temperature	-40 to +85 °C
Humidity	40% to 95% RH

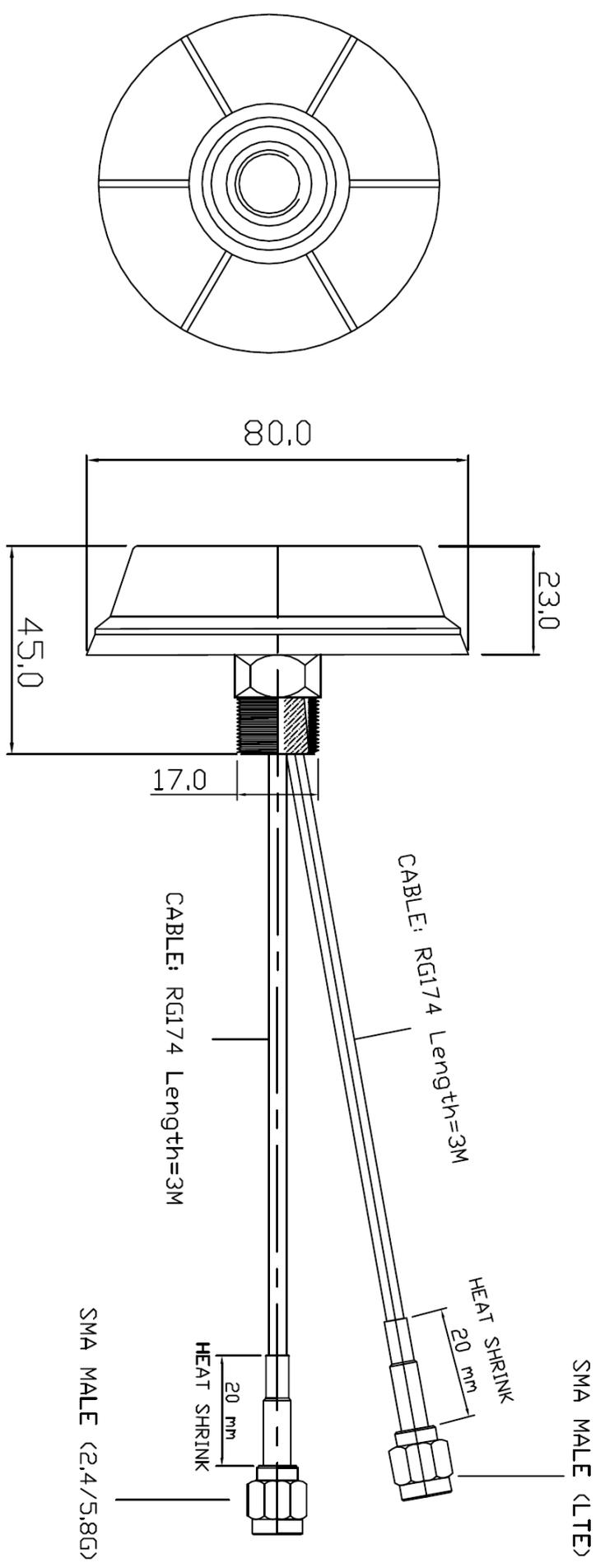
LTE

Gain (dBi)	1-4 dBi
Frequency	700-960 /1700-2700MHz
V.S.W.R.	<=2.5
Polarization	Linear Vertical
Antenna Connector	SMA Male
Antenna Cable	RG174 Length=3M

WiFi (2.4-2.5G /5.1-5.8G)

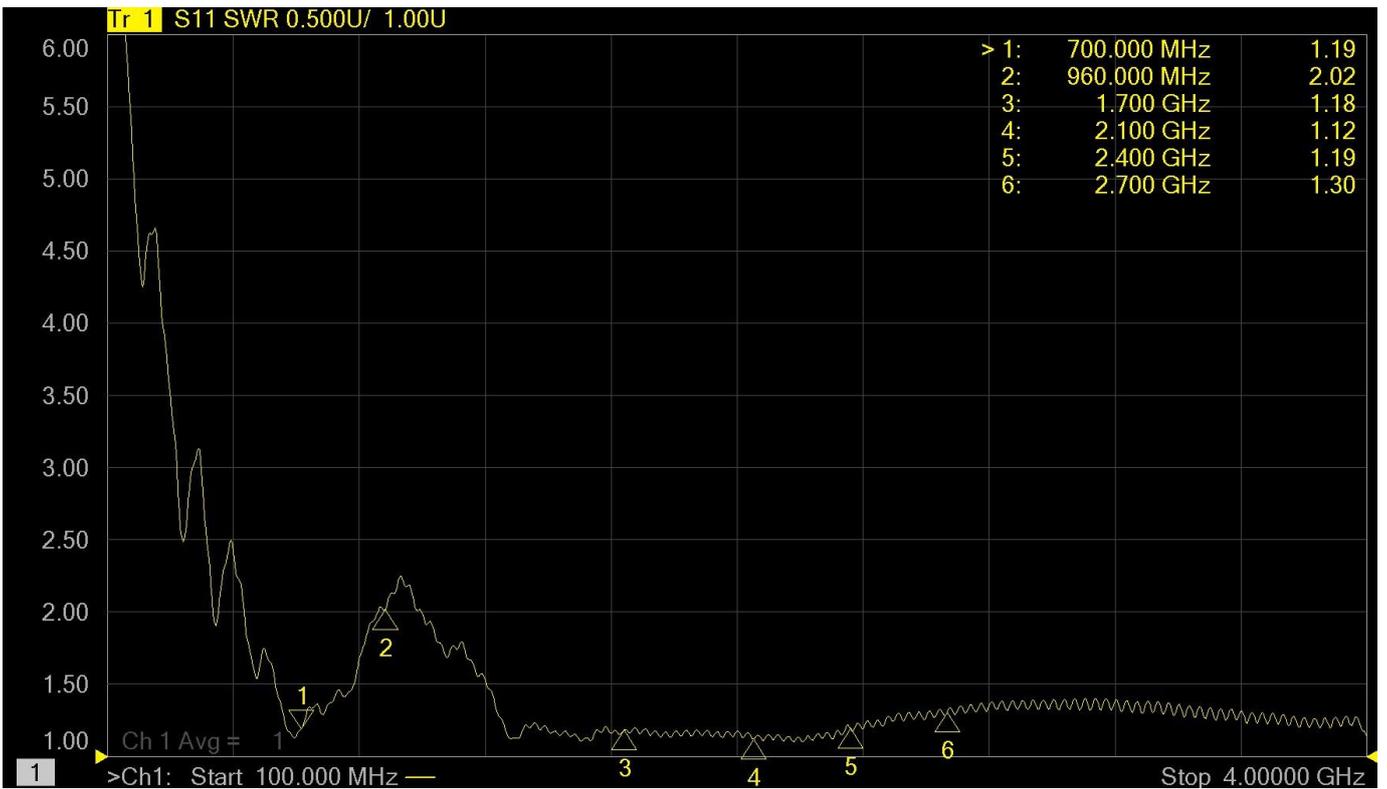
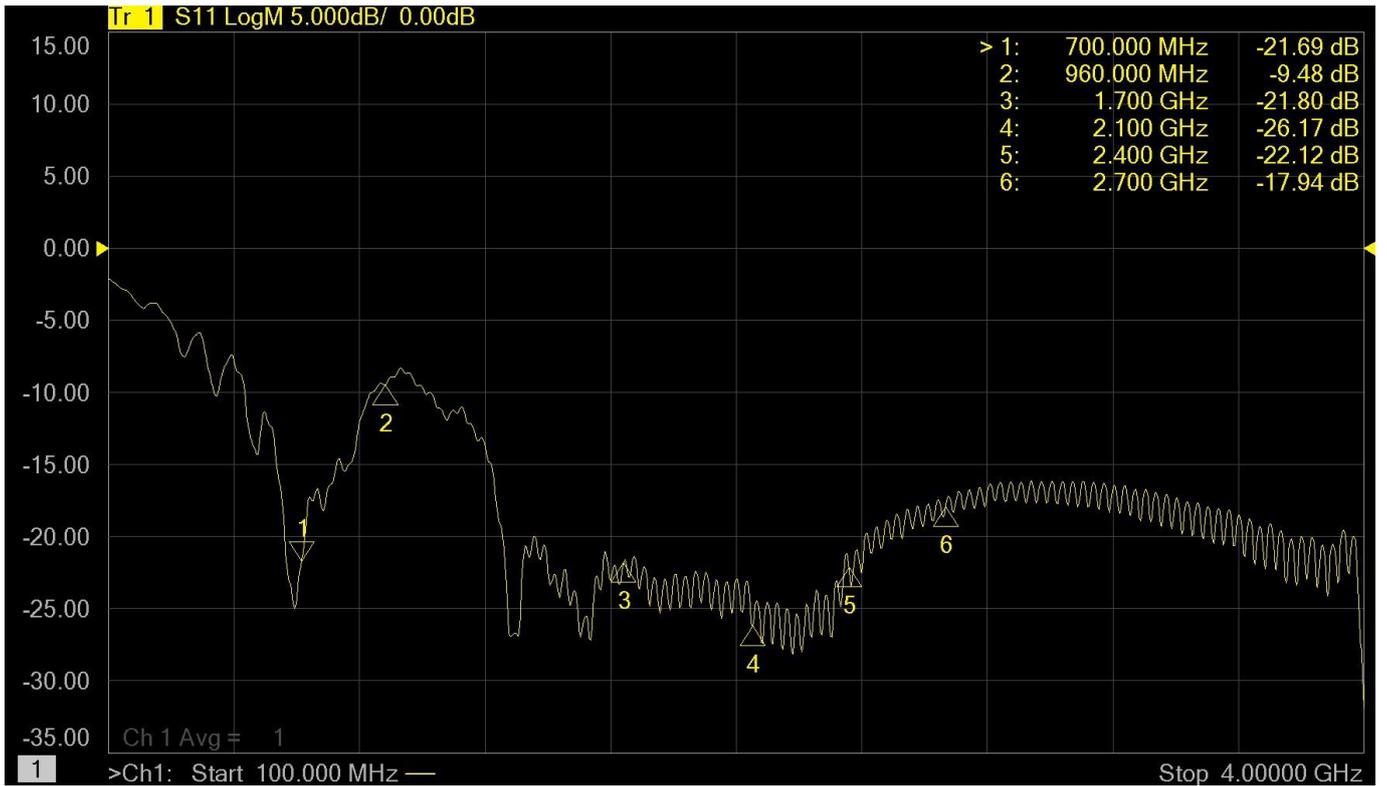
Gain (dBi)	2-3 dBi
Frequency	2400-2500 /5100-5800MHz
V.S.W.R.	<=2.5
Polarization	Linear Vertical
Antenna Connector (WIFI)	SMA Male
Antenna Cable	RG174 Length=3M

LTE(700-960MHz/1700-2700MHz 1-4dBi) /WIFI(2.4-2.5G/5.1-5.8G 2-3dBi) 2 IN 1 80mm Circle Roof Screw+RG174(3M)x2+SMA PLUG(LTE)+SMA PLUG(2.4/5.8G)

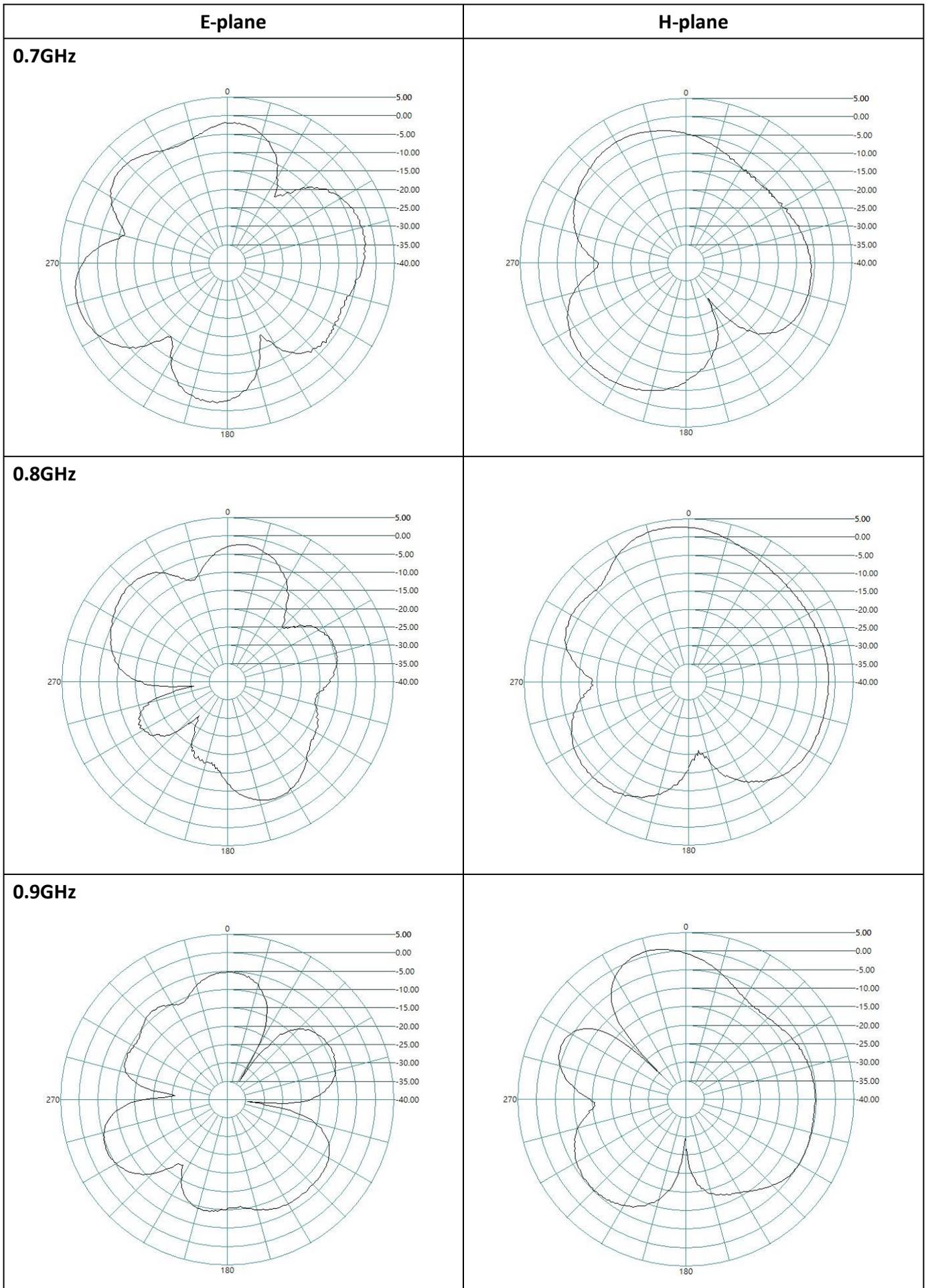


1	FREQUENCY : LTE(700-960/1700-2700MHz) /WIFI(2.400-2500/5100-5800)MHz	6	IMPEDANCE : 50Ω
2	GAIN : LTE 700-960/1700-2700MHz 1-4dBi , WIFI 2.4/5.8G 2-3dBi	7	
3	V.S.W.R : <=2.5	8	
4	CABLE LENGTH : RG174 L=3M x2	9	
5	CONNECTOR : SMA MALE (LTE) / SMA MALE (2.4/5.8G)	10	

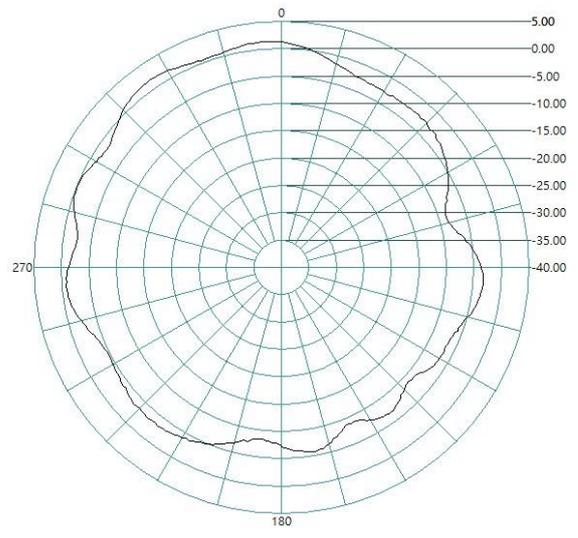
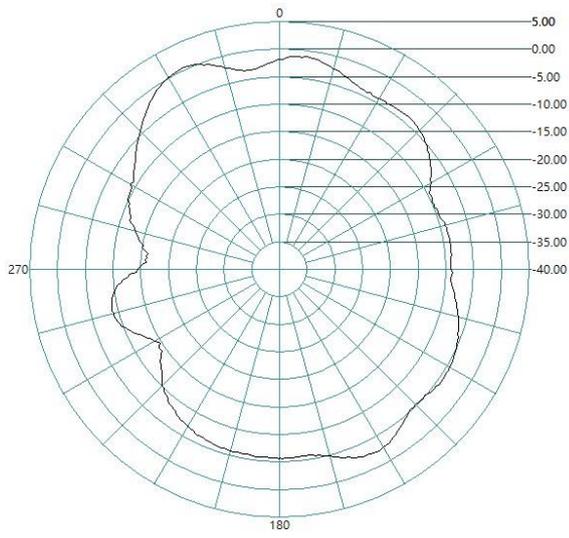
LTE Port



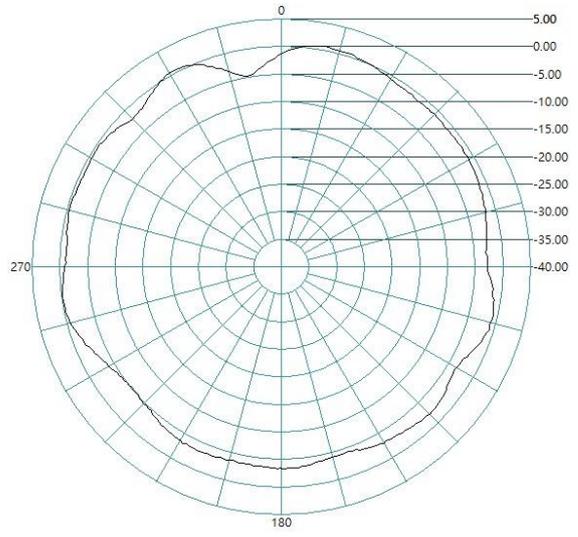
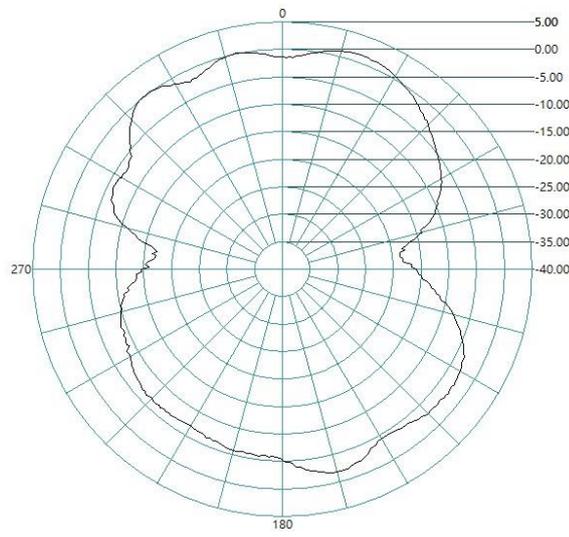
Radiation pattern



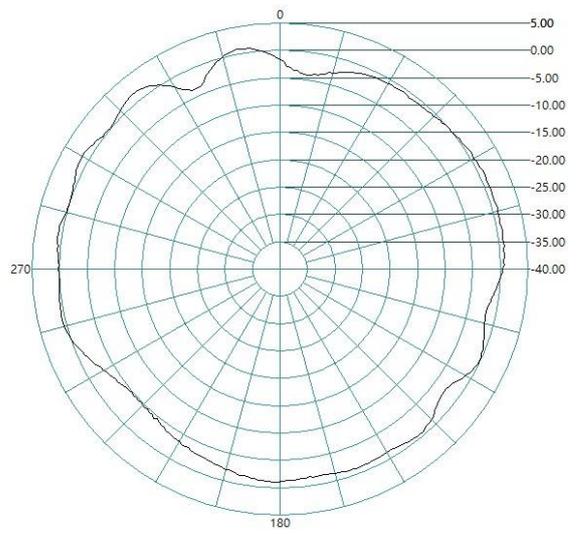
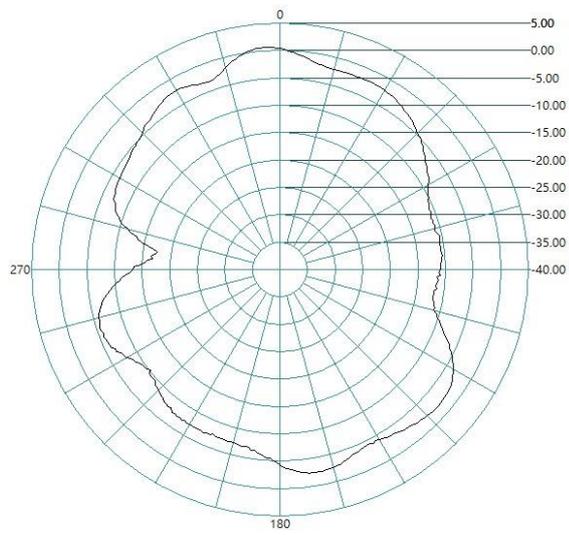
1.7GHz



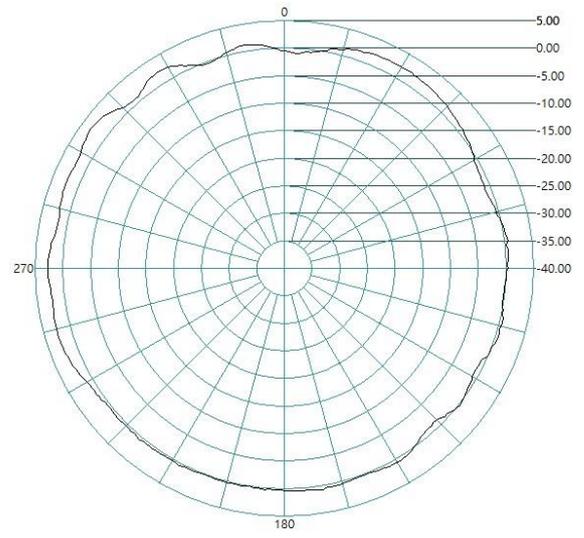
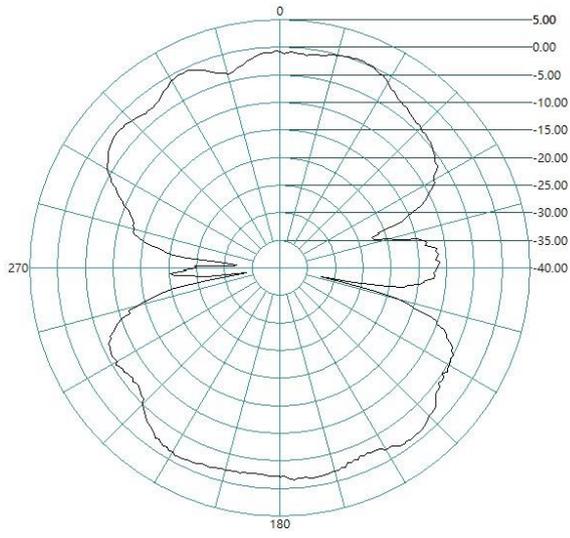
1.9GHz



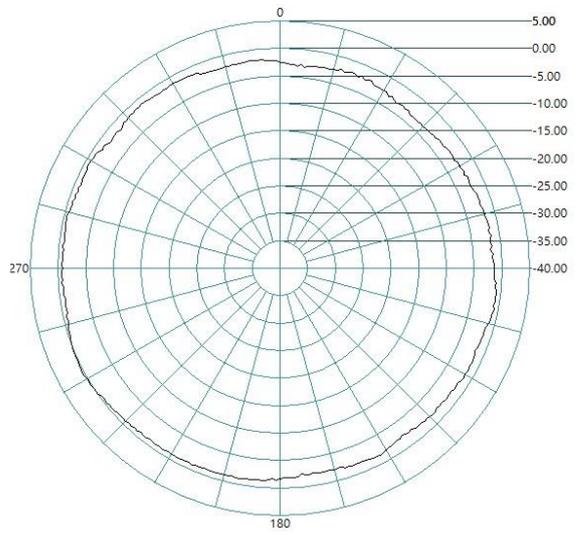
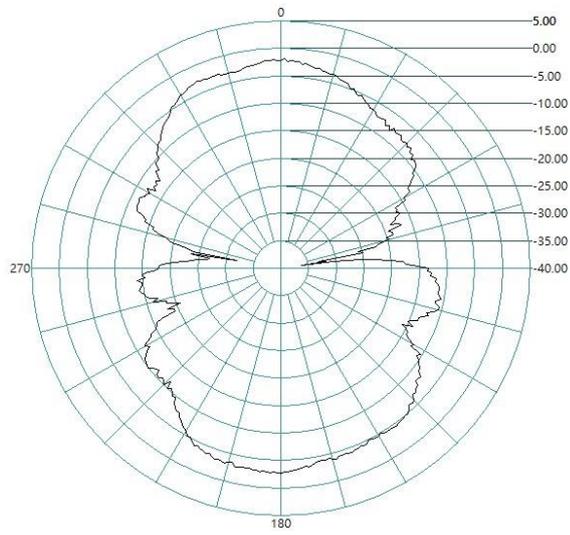
2.1GHz



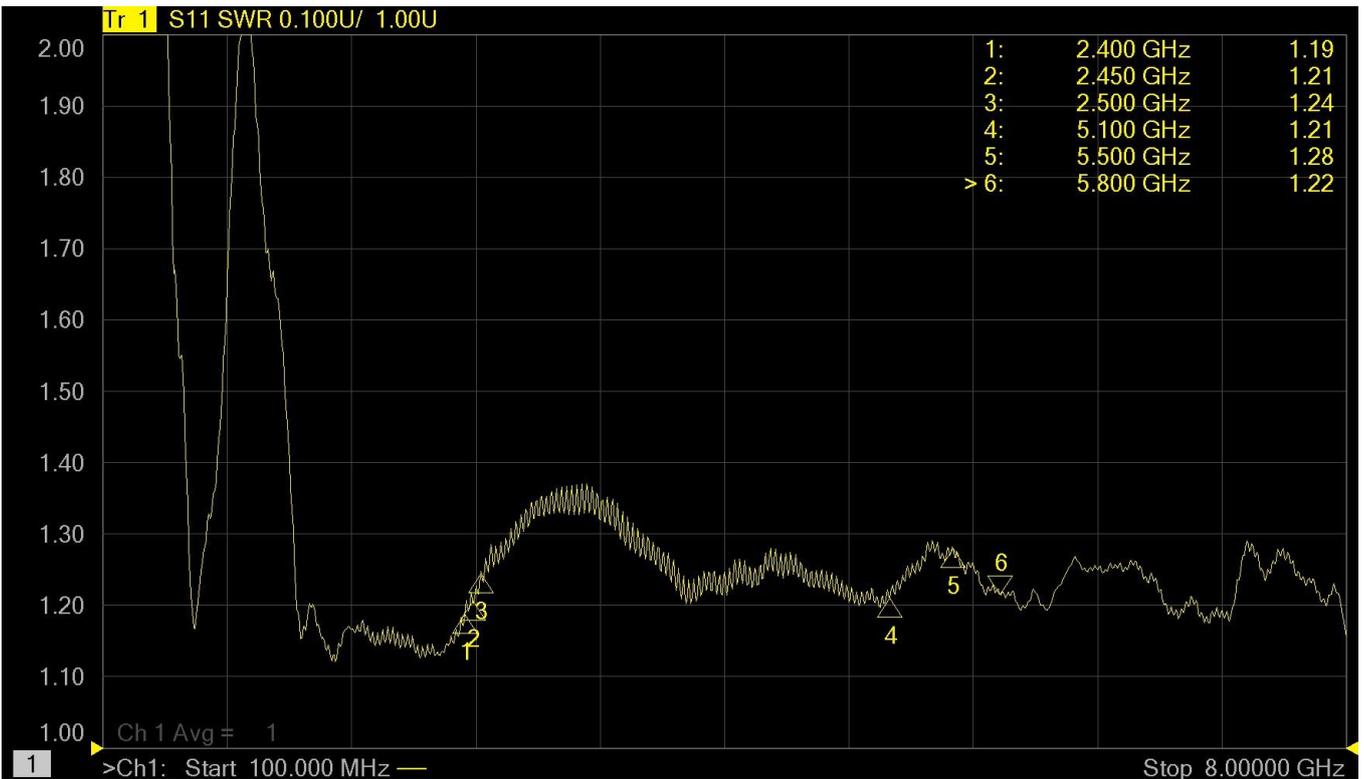
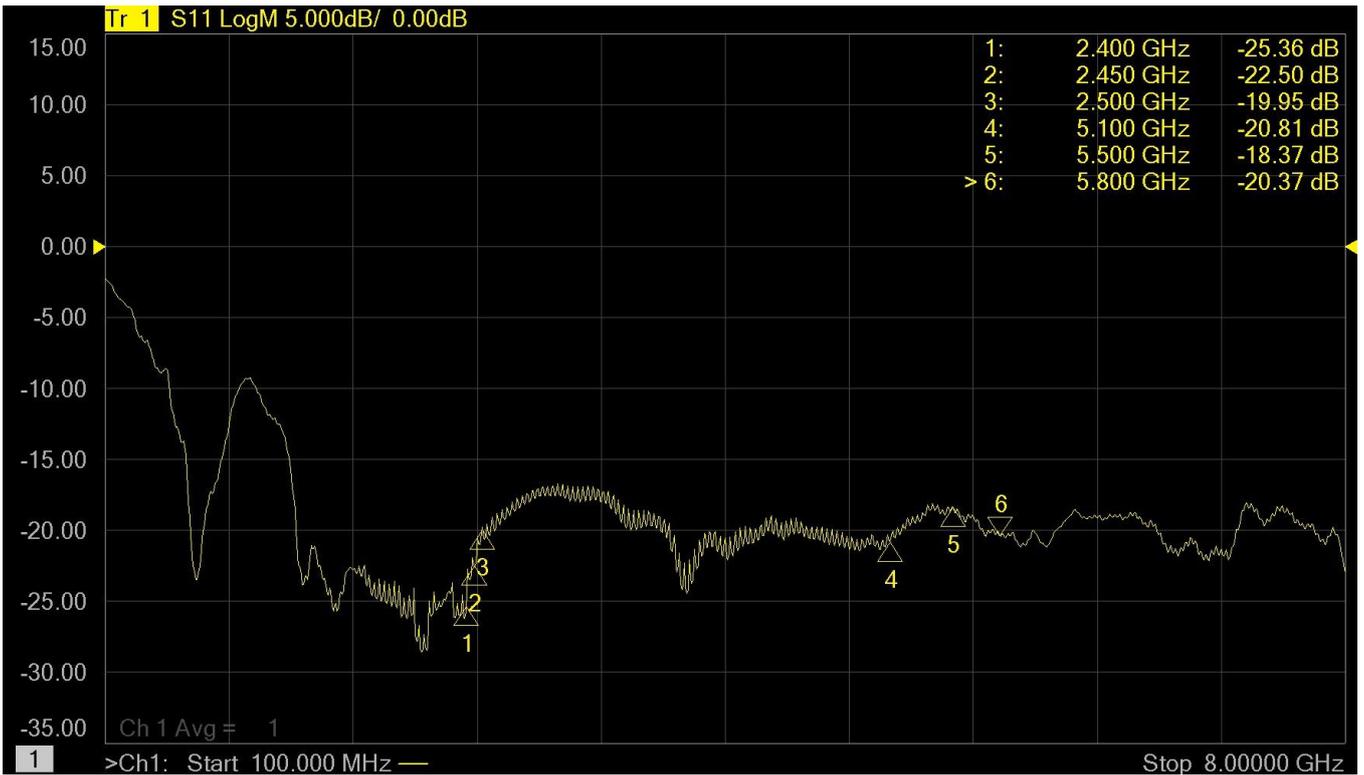
2.4GHz



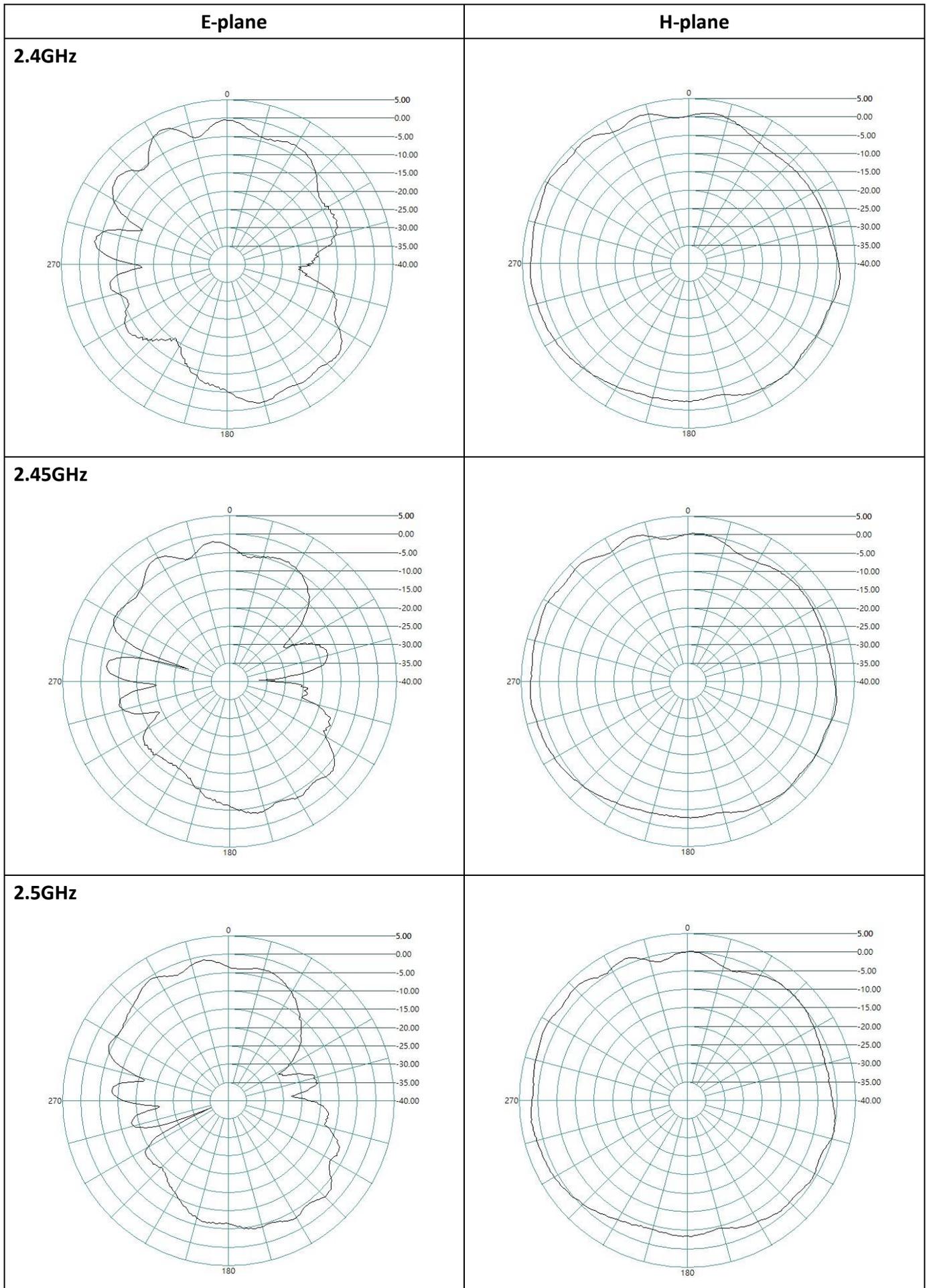
2.7GHz



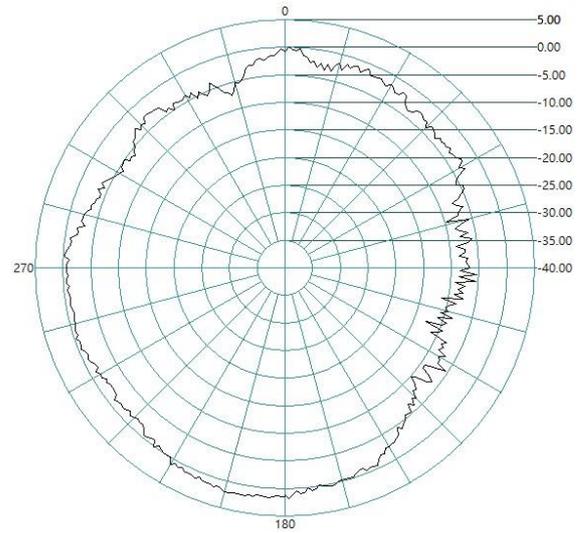
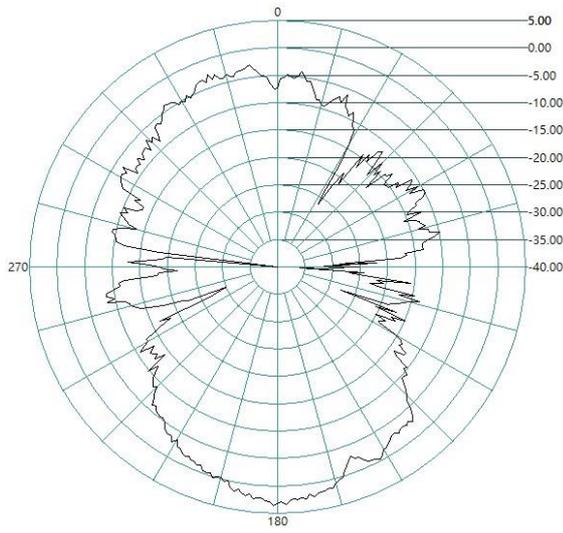
WiFi 2.4/5G Port



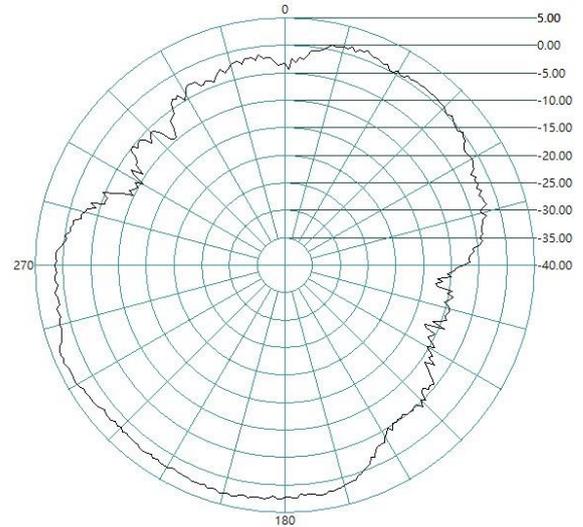
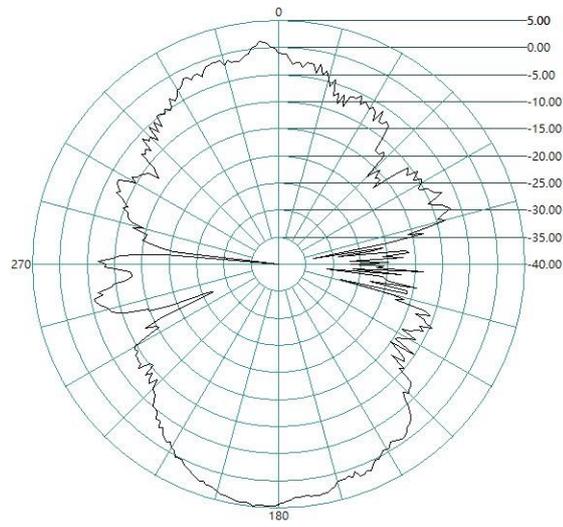
Radiation pattern



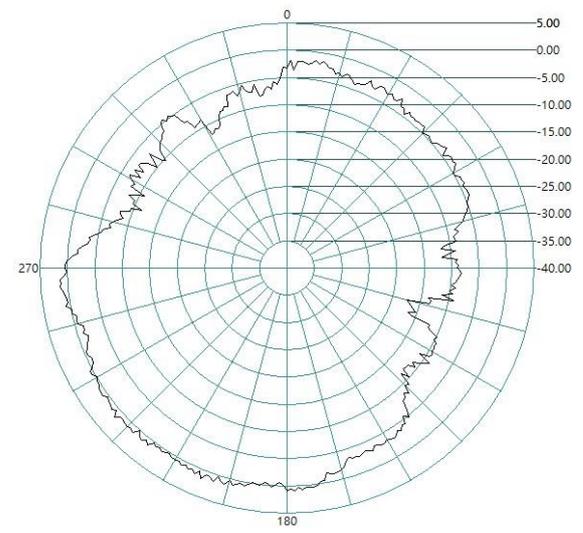
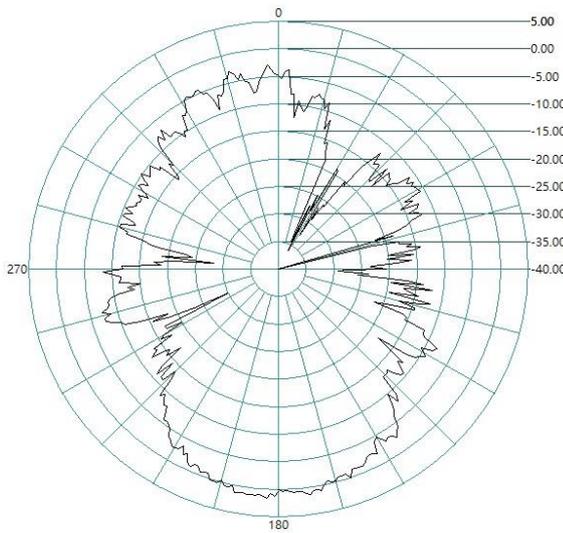
5.1GHz



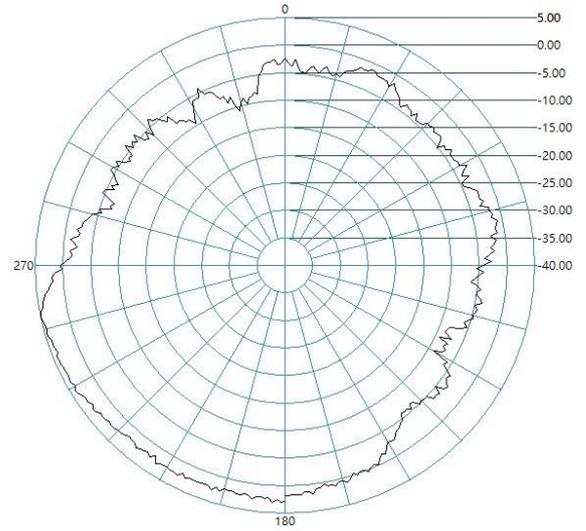
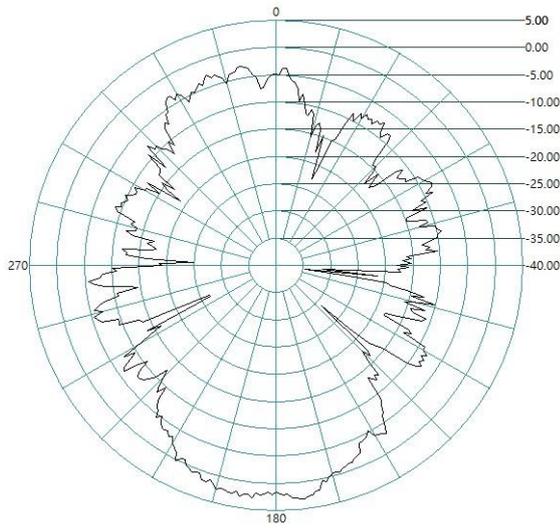
5.3GHz



5.5GHz



5.7GHz



5.8GHz

