

5G+5G+5G+GPS 4-in-1 Antenna

FEATURES



- **Multifunctionality:** This antenna supports various communication and positioning functions, including three 5G signal antennas and one GPS signal antenna. This means that it can simultaneously meet the high-speed wireless internet connection and positioning needs on the same device. Metal and non-metallic surfaces can be shared
- **Space-saving:** The 4-in-1 design reduces the number of antennas on the device, thus saving space. This is crucial for mobile devices and wireless communication equipment, as they typically need to remain compact and lightweight.
- **Simplified Design:** Integrating multiple functions into a single antenna can reduce device complexity, lower design and manufacturing costs. It can also enhance device reliability and reduce the likelihood of failures.
- **Improved Performance:** This antenna can provide excellent performance because it is specifically designed to support 5G and GPS signals. It can enhance device communication speed and positioning accuracy.
- **Wide Applicability:** The 5G+5G+5G+GPS 4-in-1 antenna is suitable for various types of devices, including smartphones, tablets, in-car communication equipment, IoT devices, and more, providing them with communication and positioning capabilities.
- **In conclusion,** the characteristics of this antenna, including its multifunctionality, space efficiency, simplified design, high performance, and broad applicability, make it an essential component in modern communication devices.



PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Cable	Connector	Color
M04-0103070R0A	208g	156*90.1*21.1mm	Φ 2.8*2000mm	SMA MALE	Black

MyAntenna RF Technology Co., Ltd

ADD: No. RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

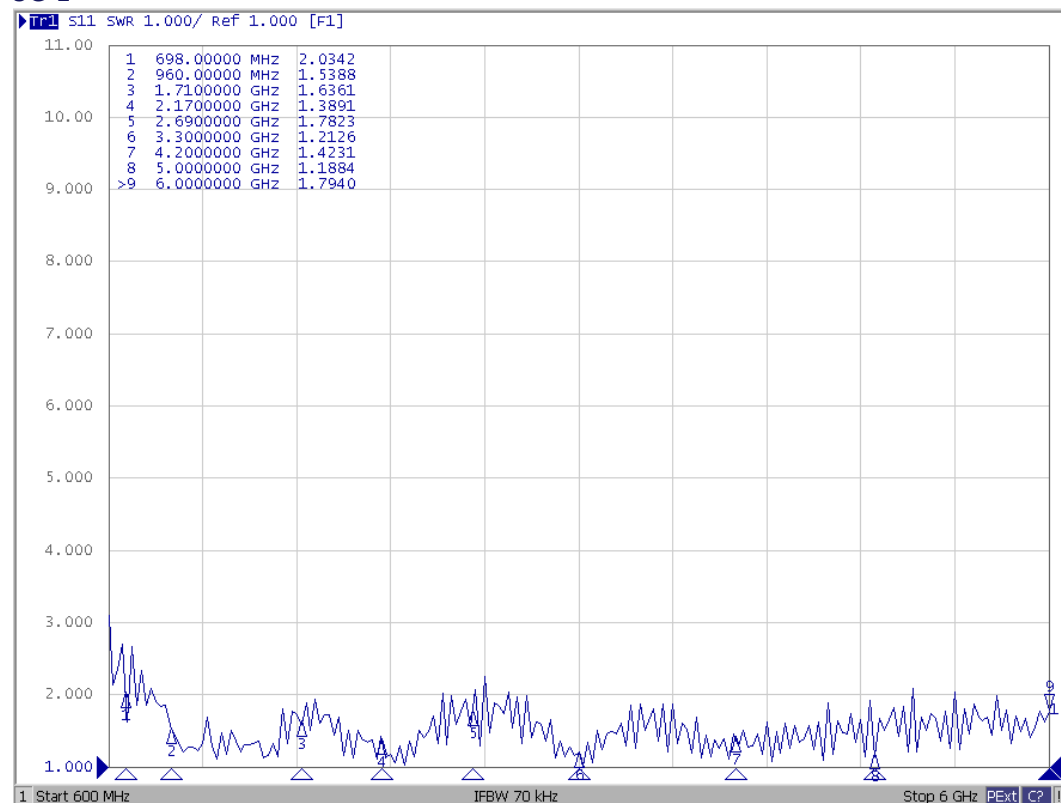
SPECIFICATIONS

PARAMETER	SPECIFICATION			
Antenna	5G-1	5G-2	5G-3	GPS
Frequency Bands, MHz	600-6000	600-6000	600-6000	1575.42
VSWR (Max)	3.0:1	3.0:1	3.0:1	
Peak Gain, dBi (Typ)	Up to 3.96	Up to 4.63	Up to 3.16	Up to 23.71
Nominal Impedance	50 Ω			
Max Power (ambient temp of 25°C)	10 Watts			
Azimuth Beam Width (deg)	Omnidirectional			
Polarization	Linear			
Radome	/			
Storage Temperature Range (°C)	-40° C to +85° C			
Operational Temperature Range (°C)	-30° C to +80° C			
Material Substance Compliance	REACH/RoHS Compliant			
HSCODE	8529109090			
USHSCODE				
UPCva				

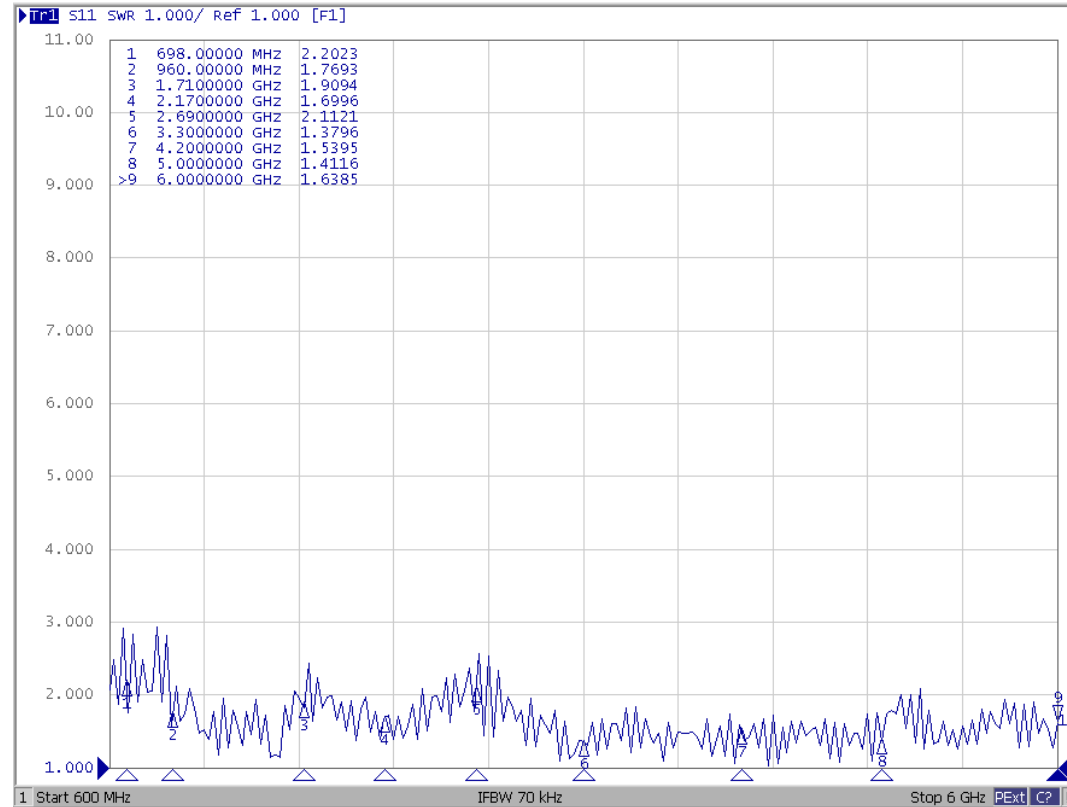
ELECTRICAL DATA

Return Loss

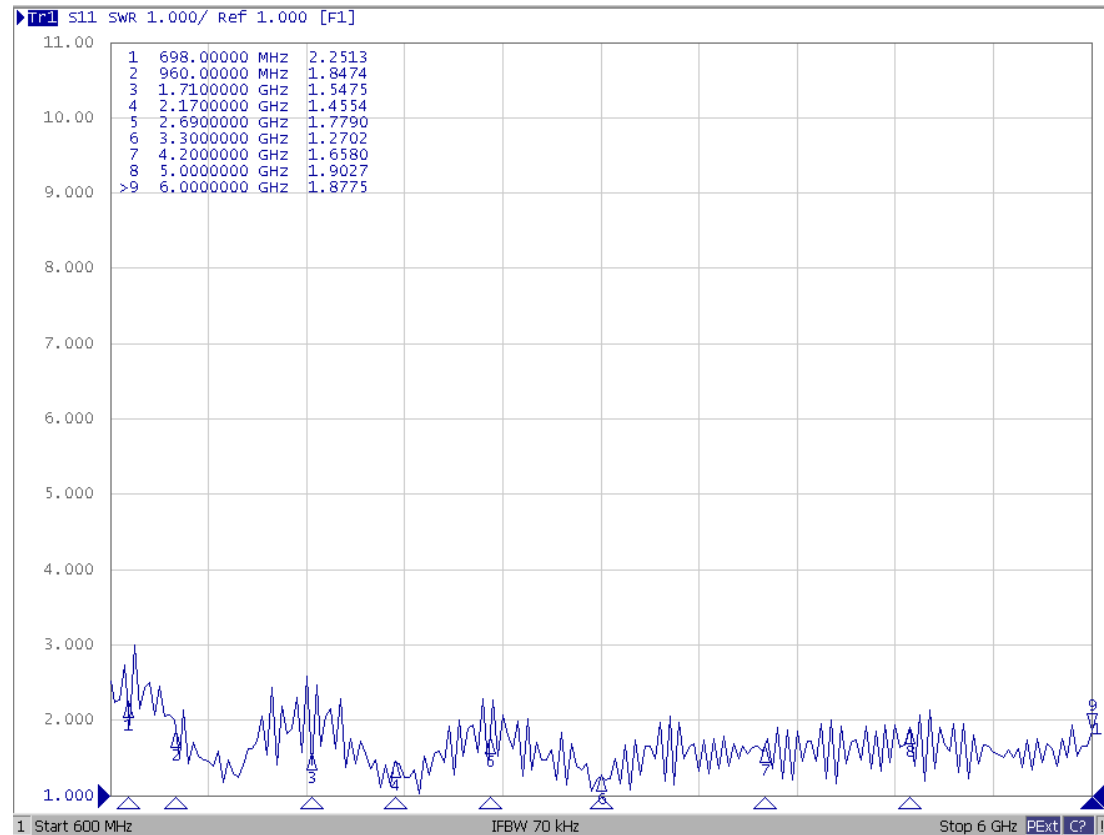
5G-1



5G-2

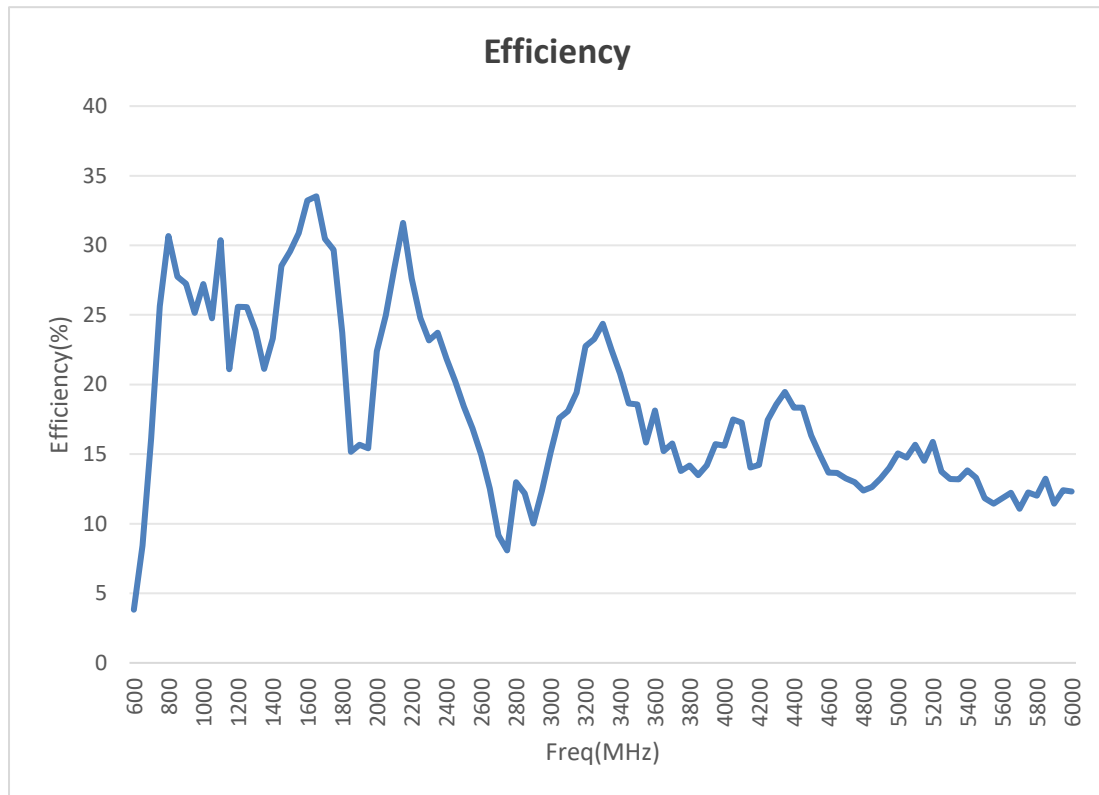


5G-3

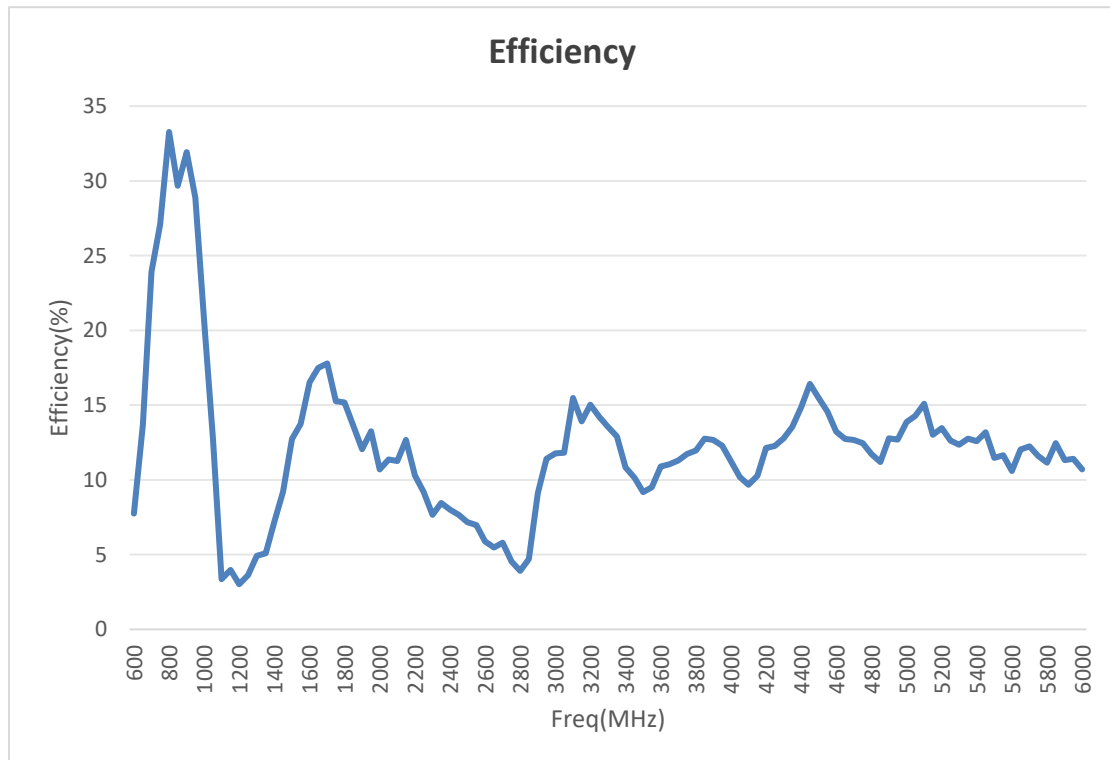


Efficiency

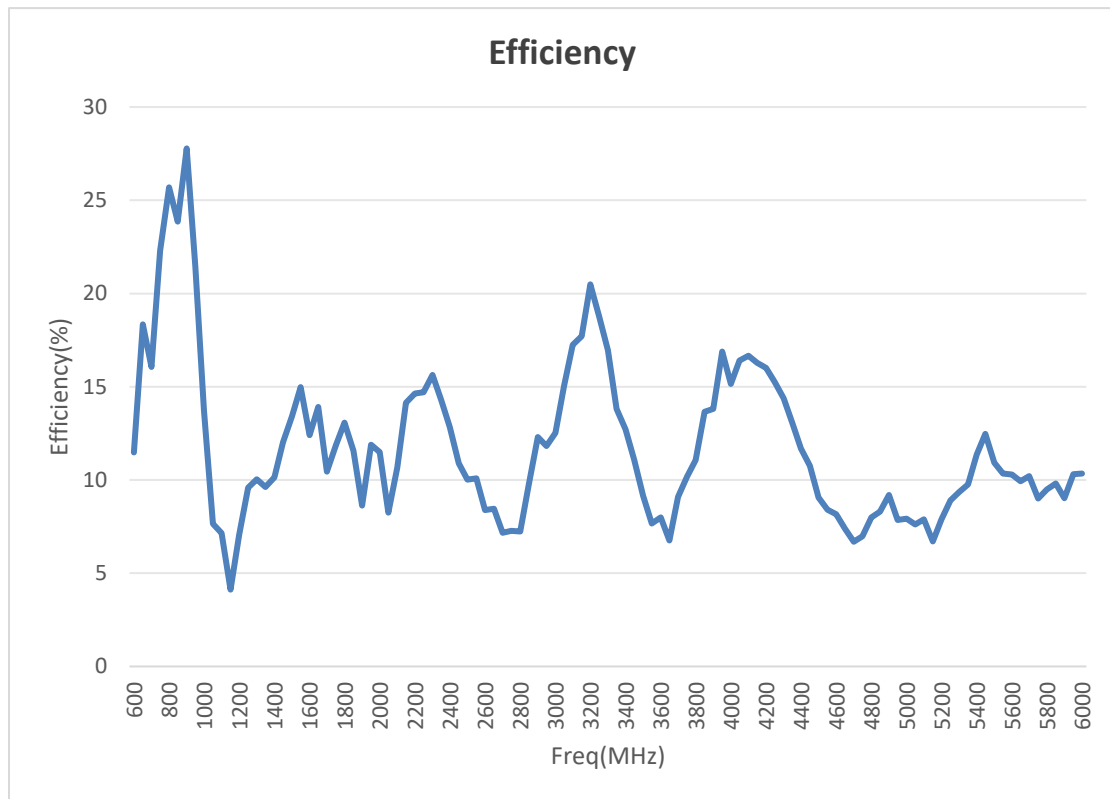
5G-1



5G-2

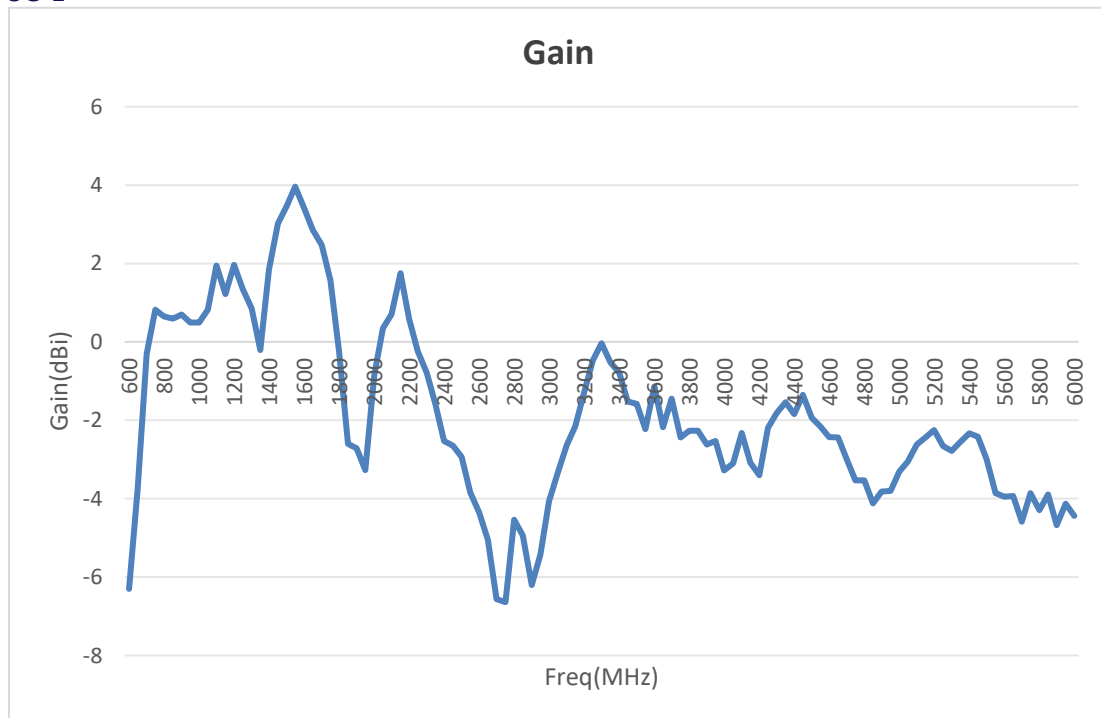


5G-3

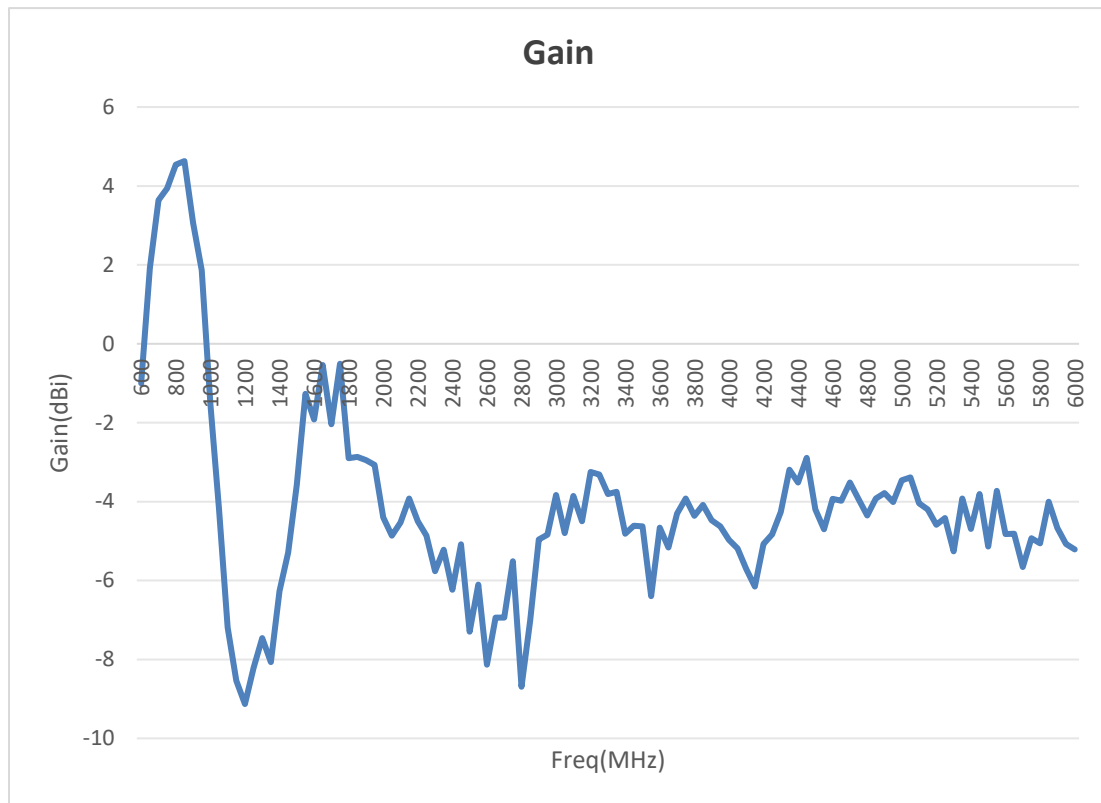


Peak Gain

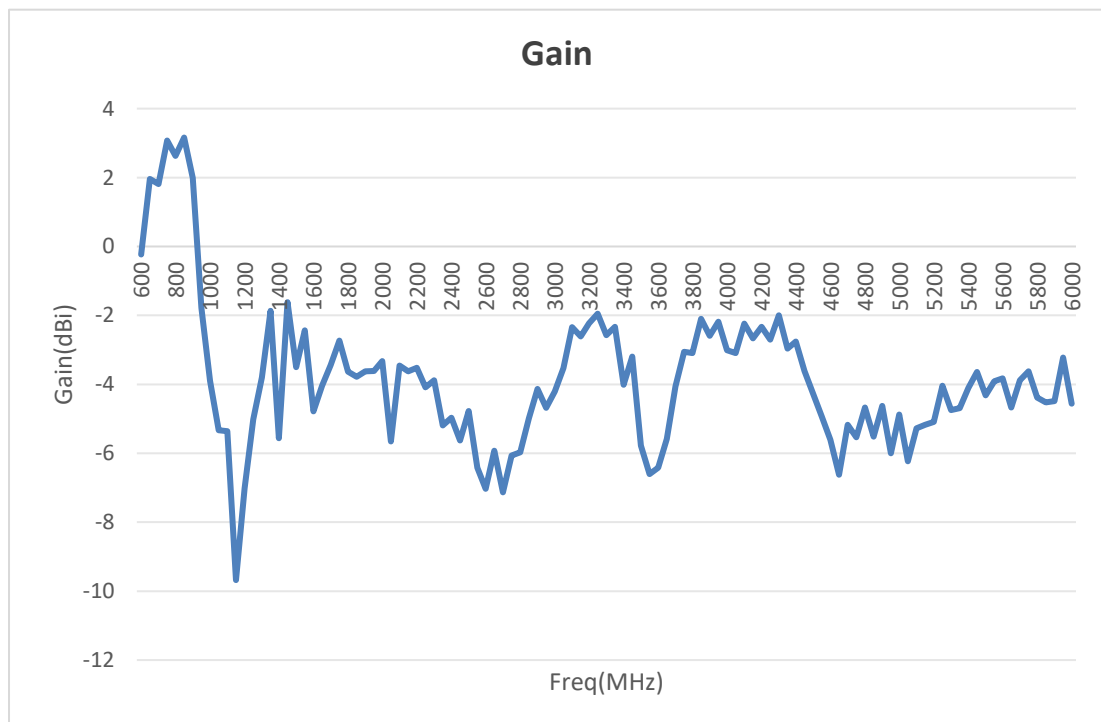
5G-1



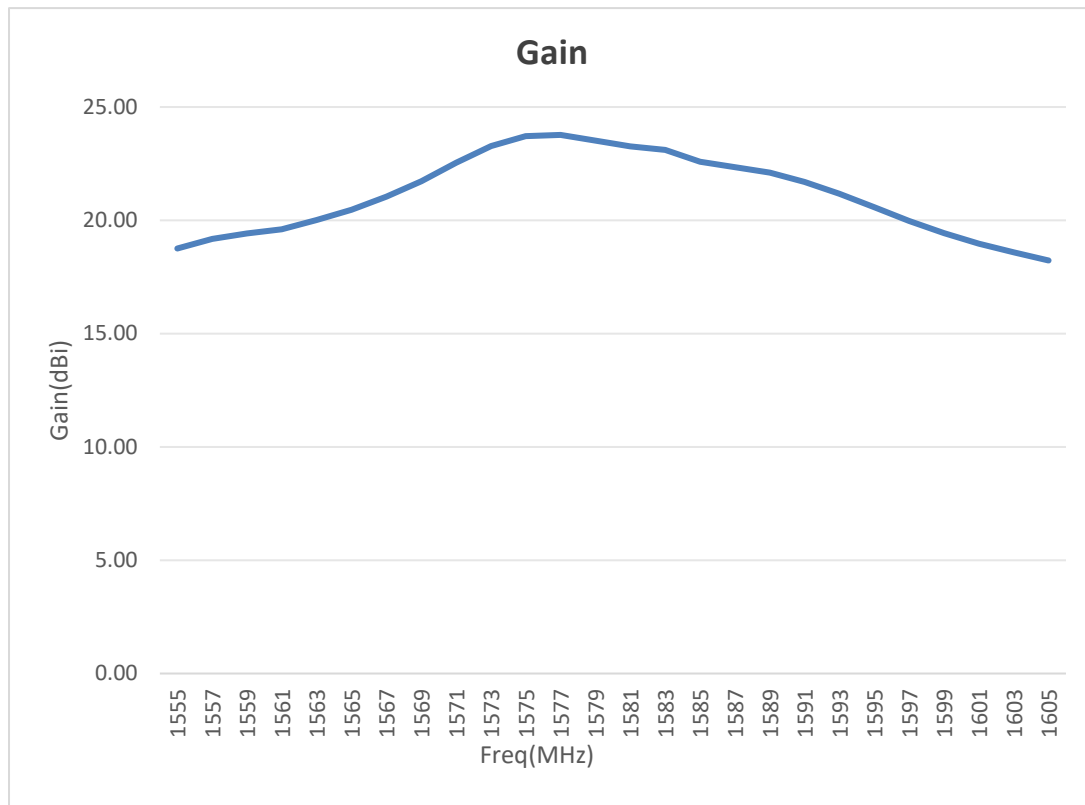
5G-2



5G-3



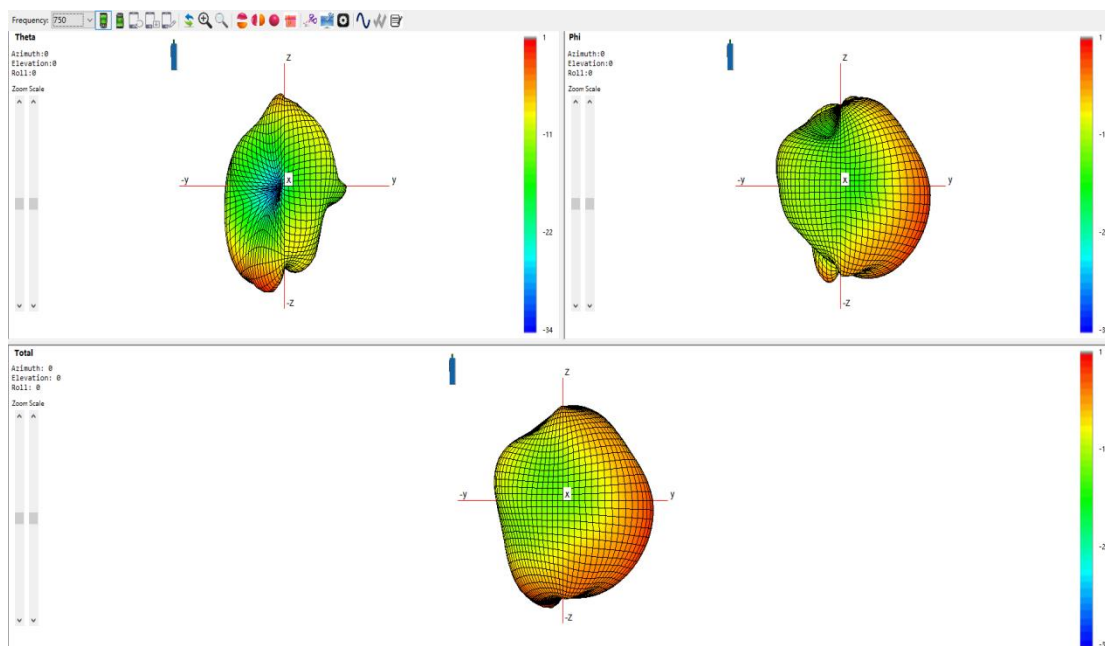
GPS



RADIATION PATTERNS

5G-1

3D Radiation Pattern at 750MHz Gain=-3.74dBi

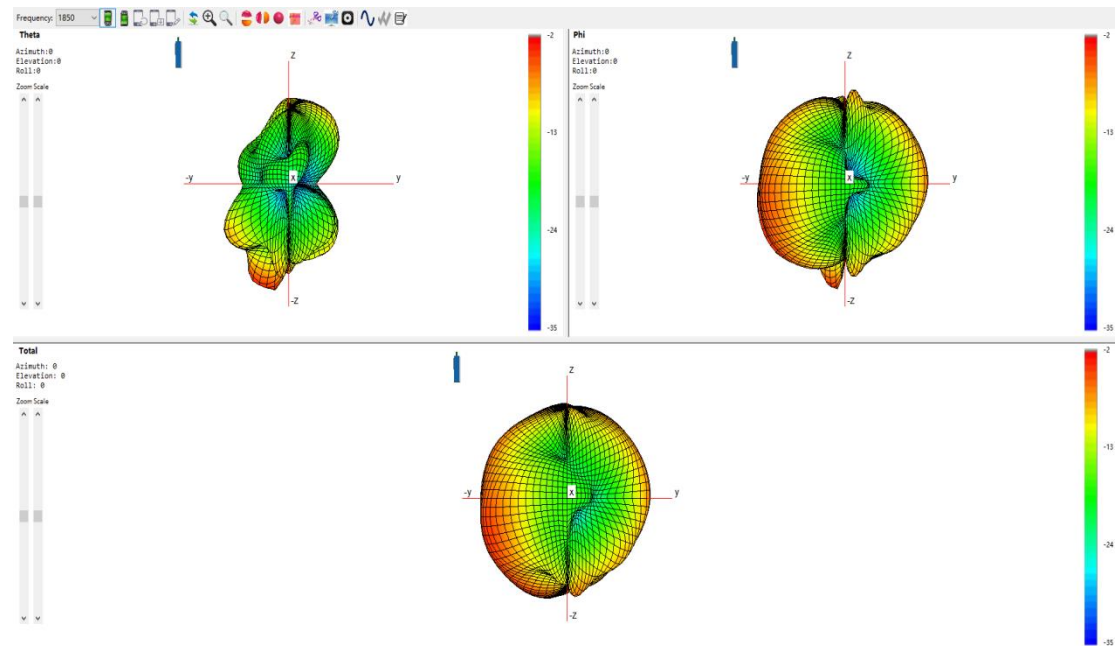


MyAntenna RF Technology Co., Ltd

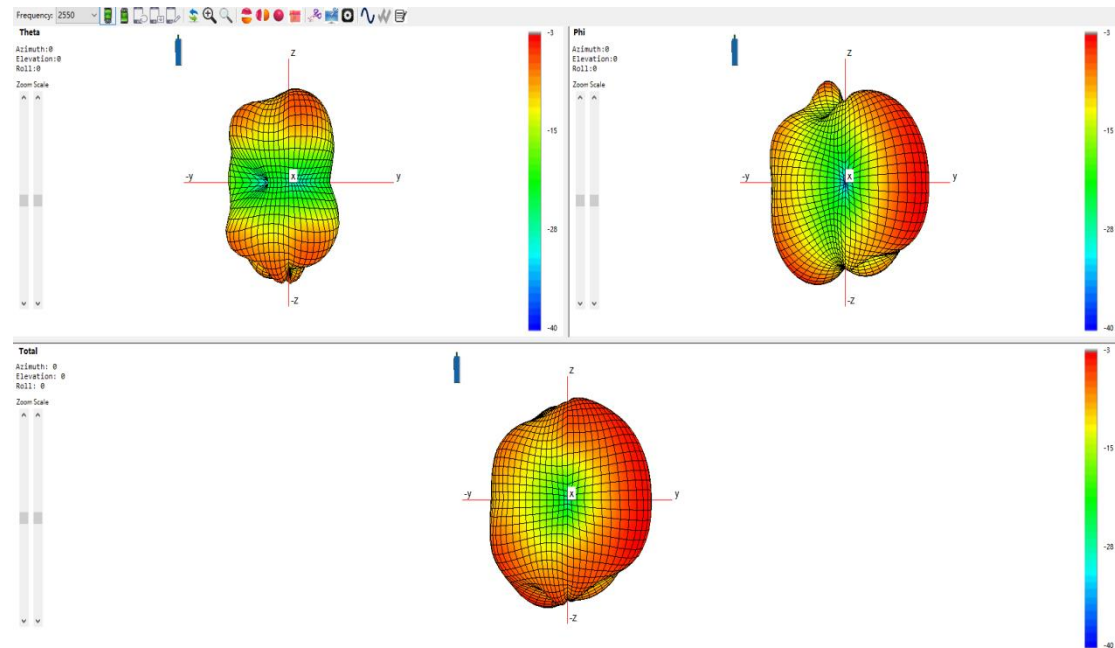
ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

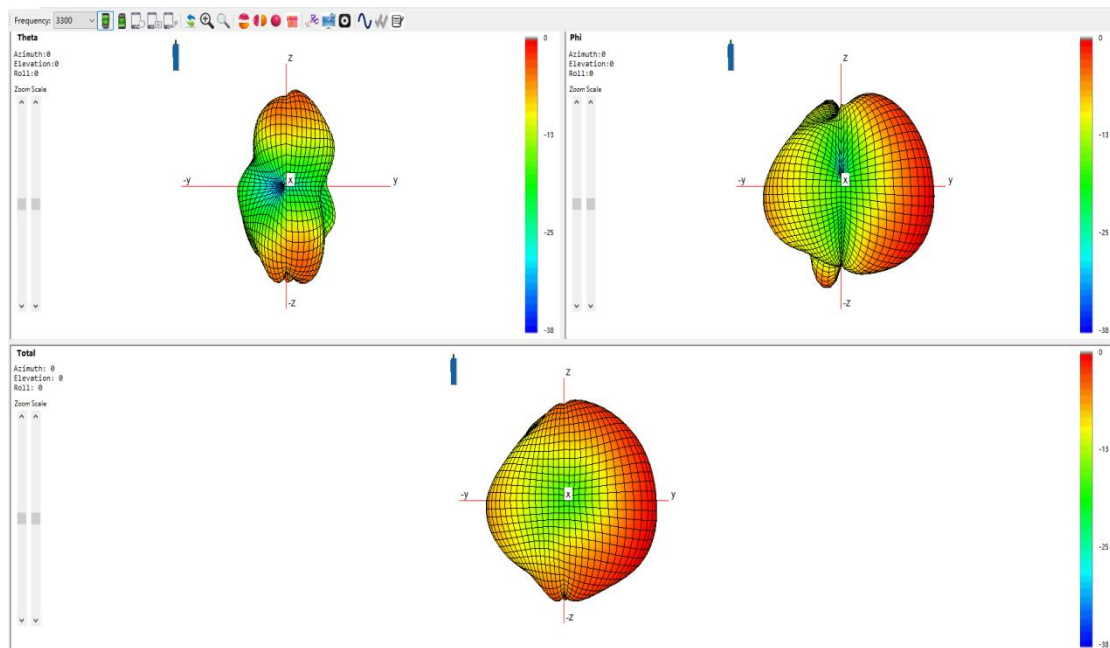
3D Radiation Pattern at 1850MHz Gain=-2.6dBi



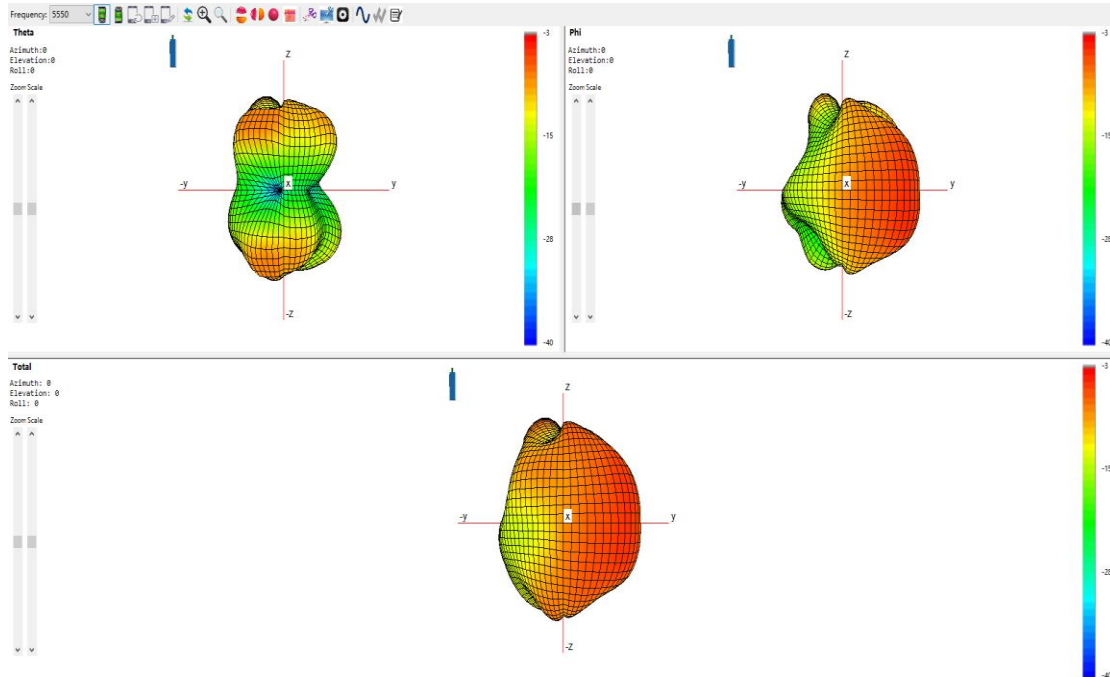
3D Radiation Pattern at 2550MHz Gain=-3.84dBi



3D Radiation Pattern at 3300MHz Gain=-0.04dBi

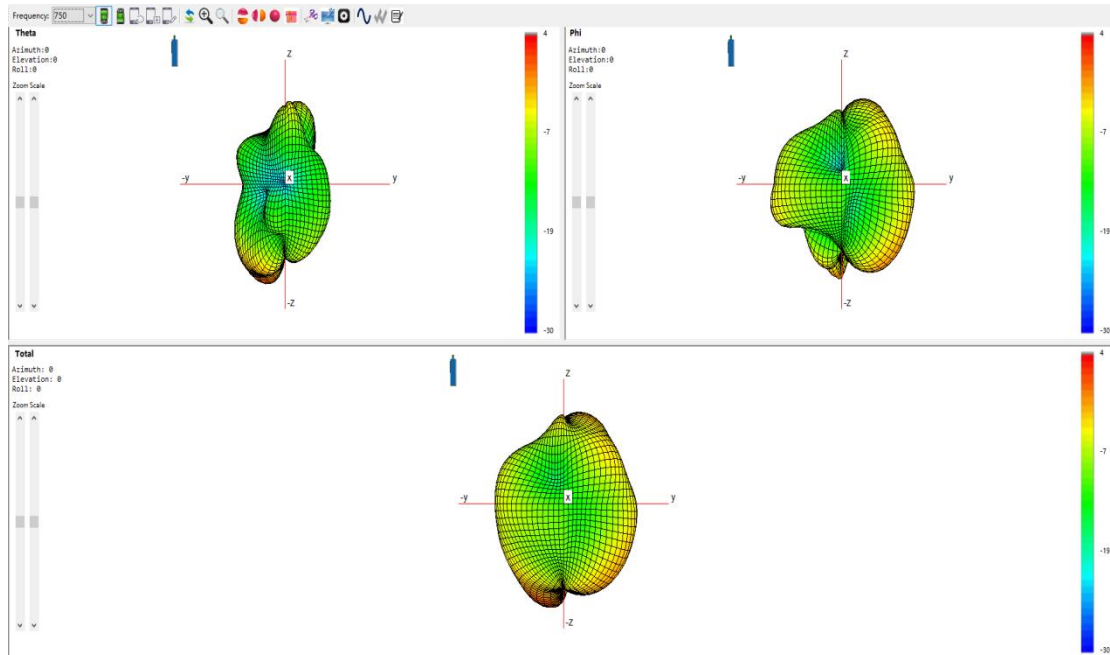


3D Radiation Pattern at 5550MHz Gain=-3.86dBi

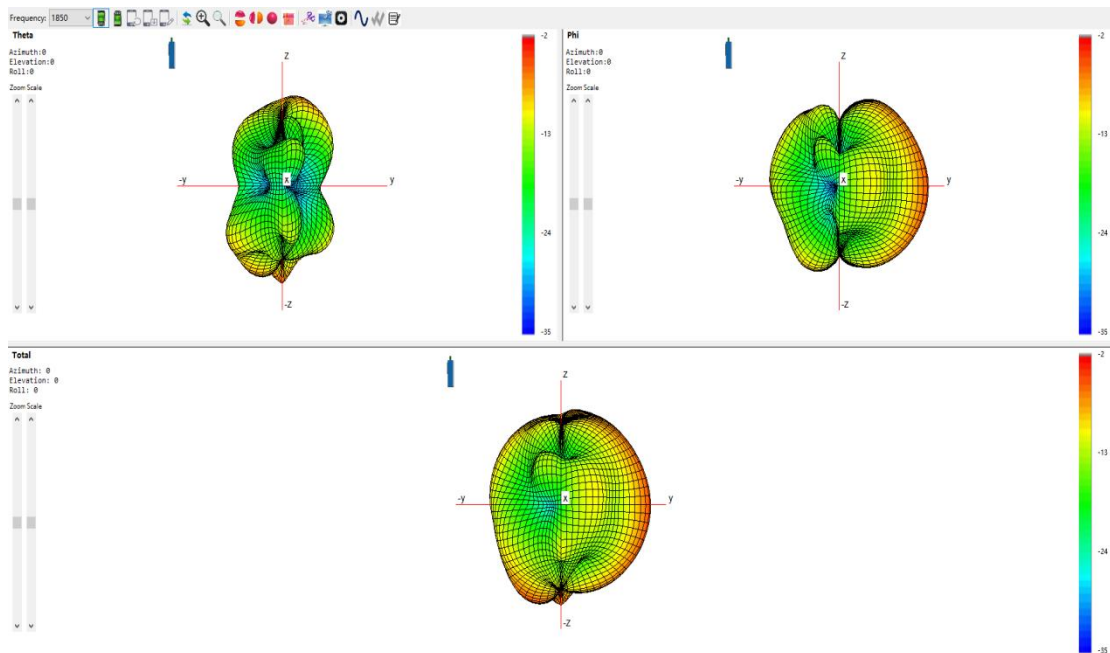


5G-2

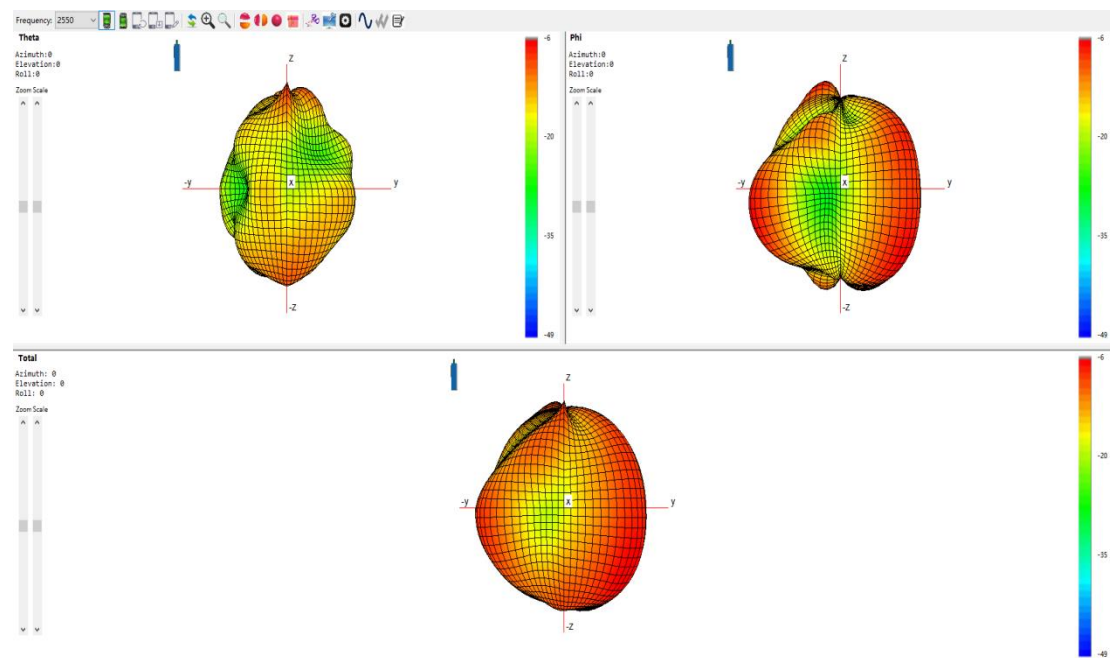
3D Radiation Pattern at 750MHz Gain=3.94dBi



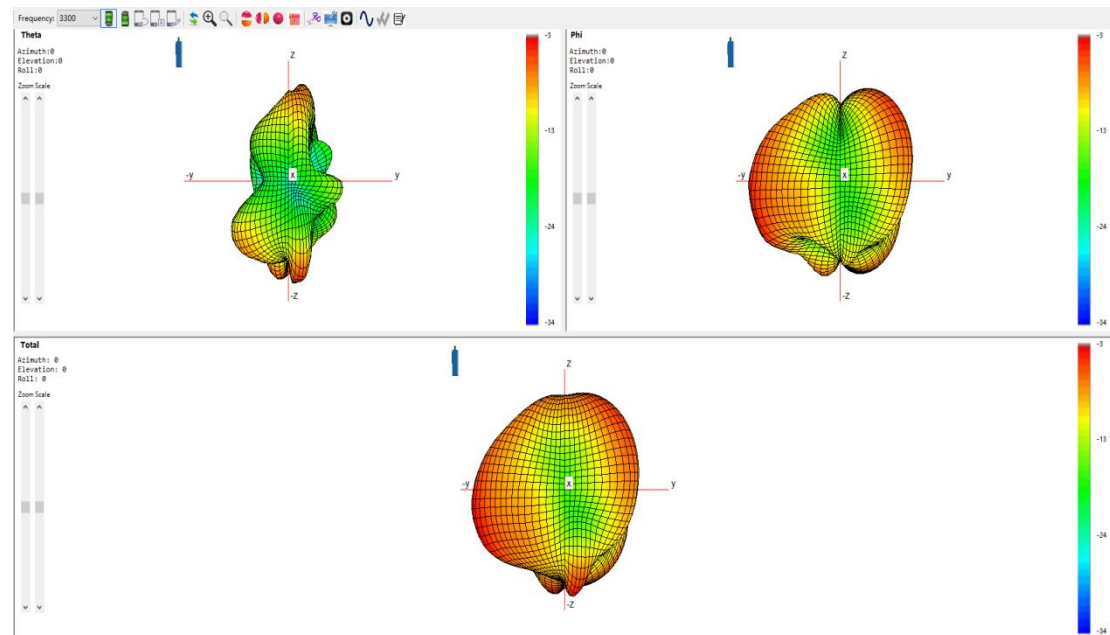
3D Radiation Pattern at 1850MHz Gain=-2.87dBi



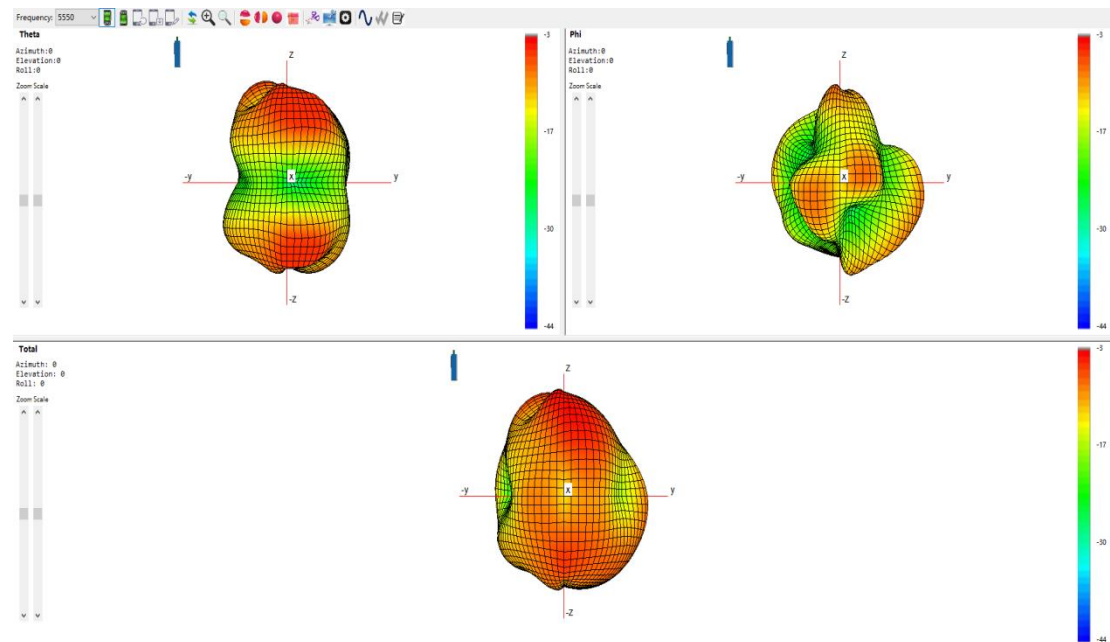
3D Radiation Pattern at 2550MHz Gain=-6.1dBi



3D Radiation Pattern at 3300MHz Gain=-3.81dBi

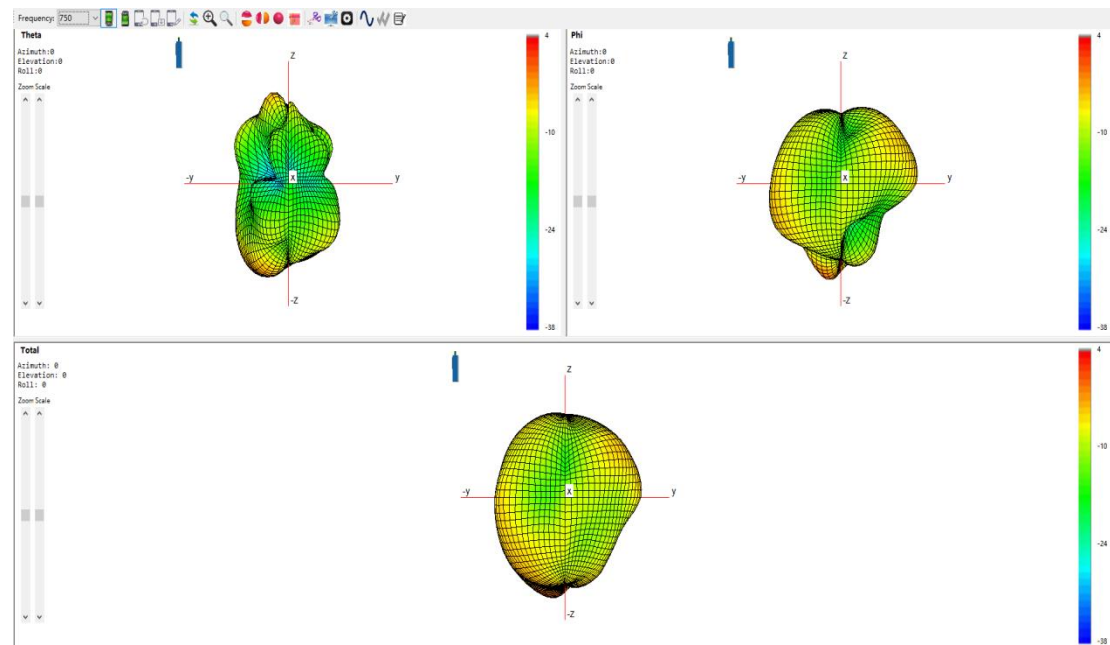


3D Radiation Pattern at 5550MHz Gain=-3.73dBi

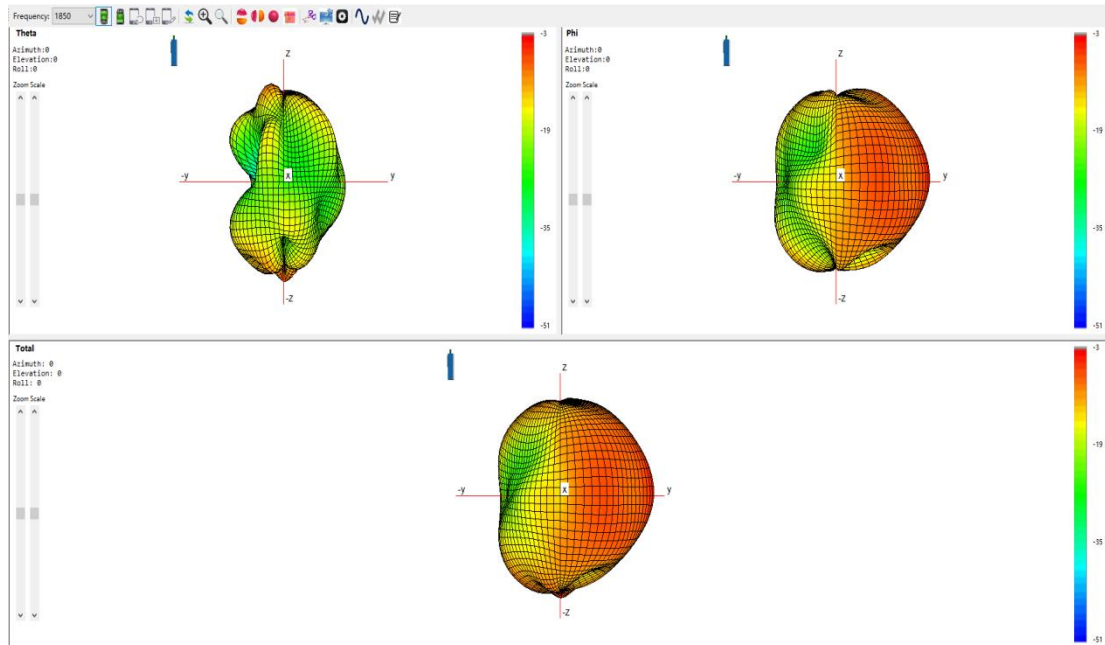


5G-3

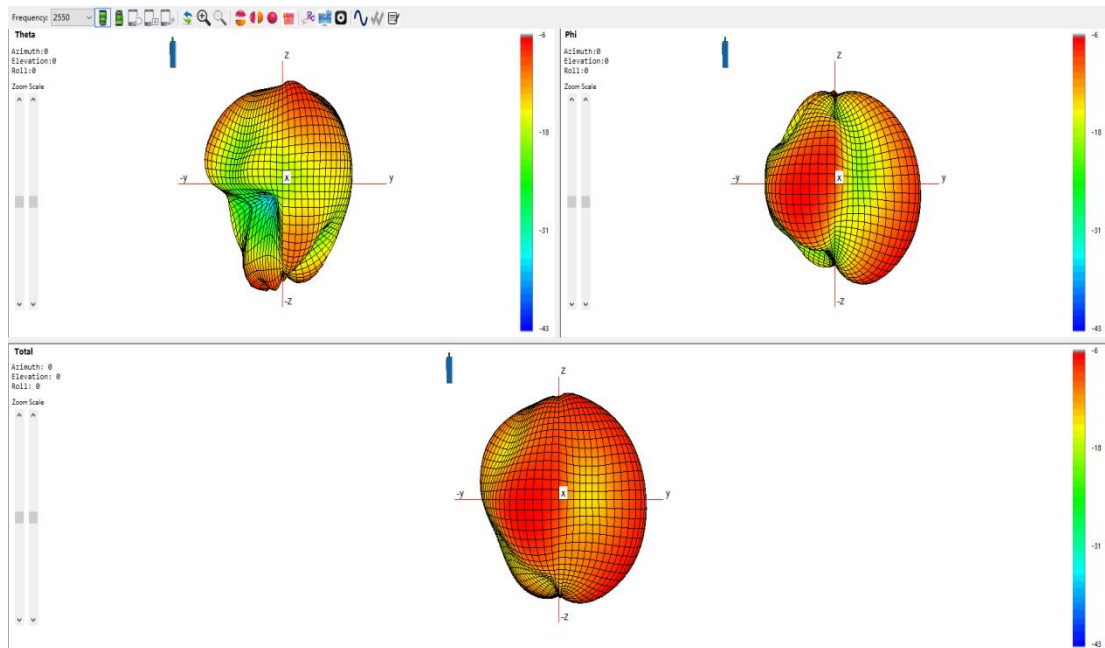
3D Radiation Pattern at 750MHz Gain=3.07dBi



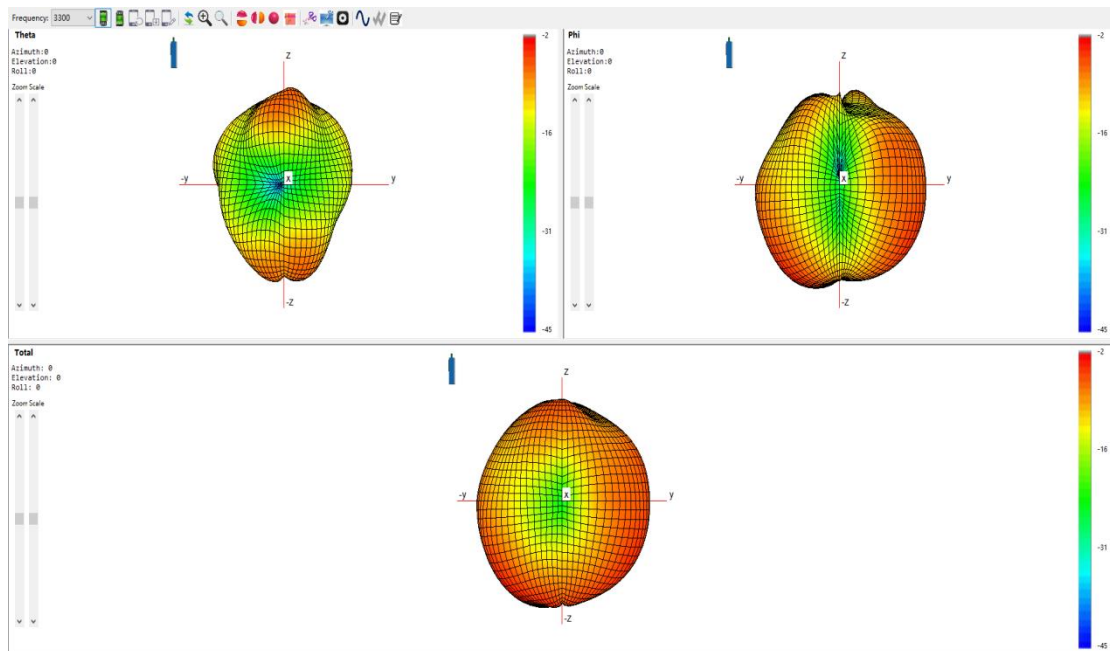
3D Radiation Pattern at 1850MHz Gain=-3.78dBi



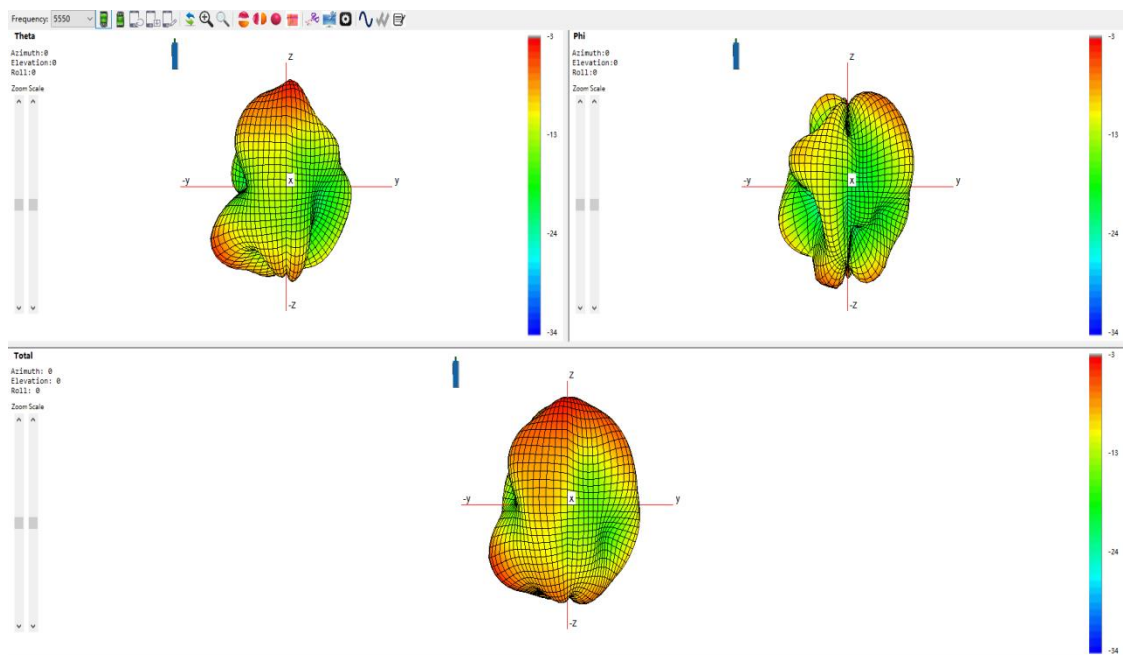
3D Radiation Pattern at 2550MHz Gain=-6.42dBi



3D Radiation Pattern at 3300MHz Gain=-2.57dBi

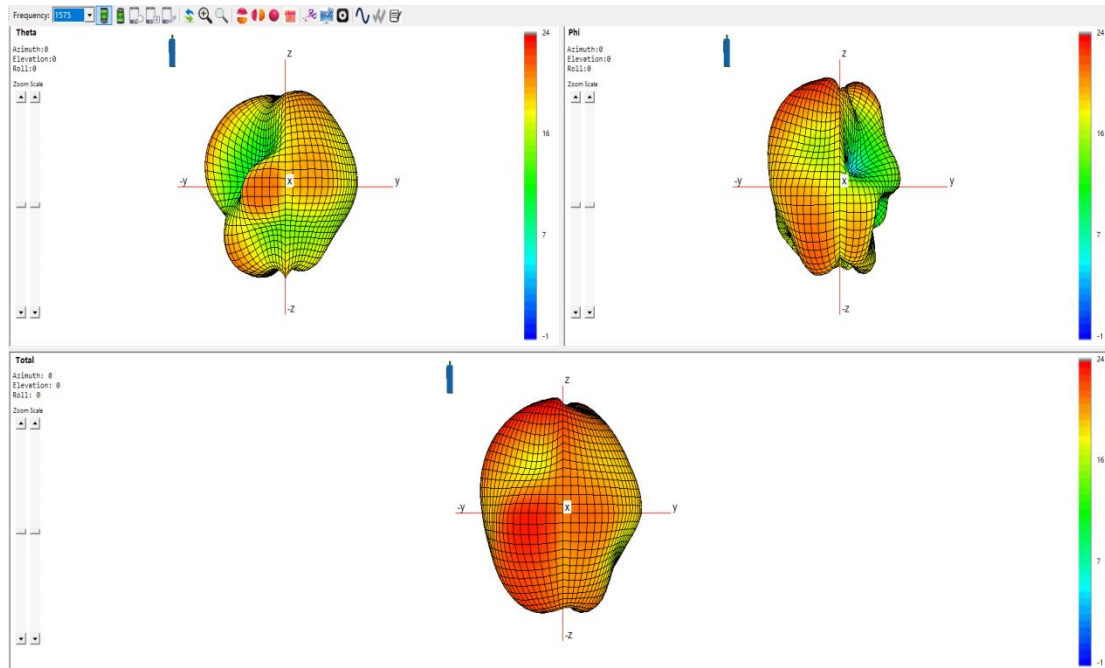


3D Radiation Pattern at 5550MHz Gain=-3.91dBi



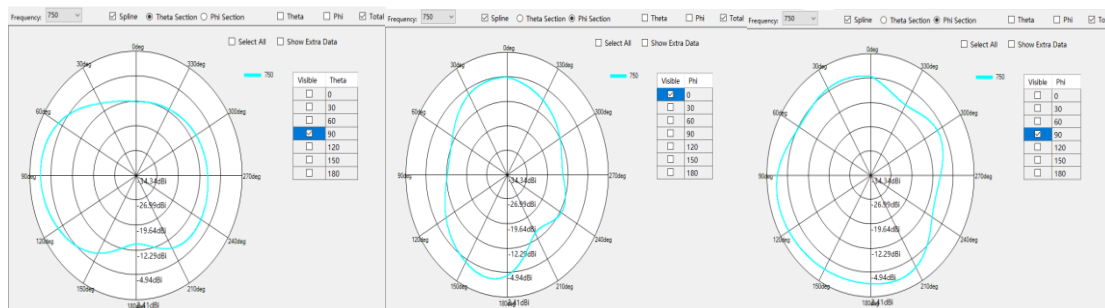
GPS

3D Radiation Pattern at 1575MHz Gain=23.71dBi

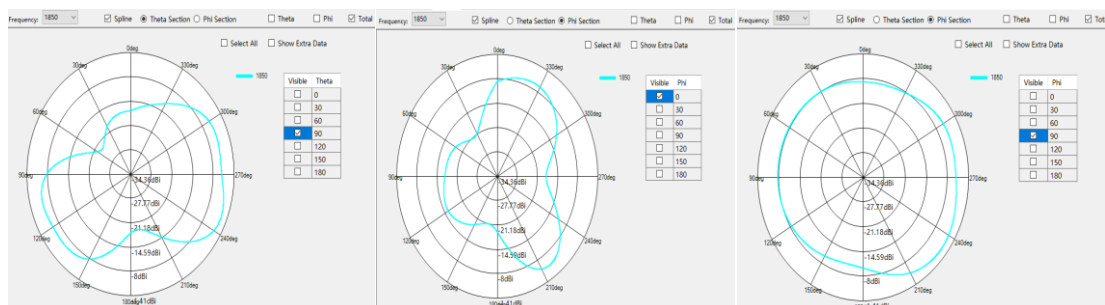


5G-1

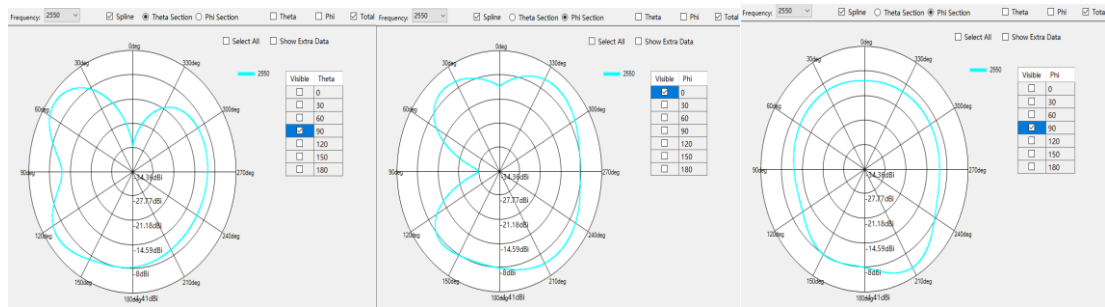
2D Radiation Pattern at 750MHz Gain=-3.74dBi



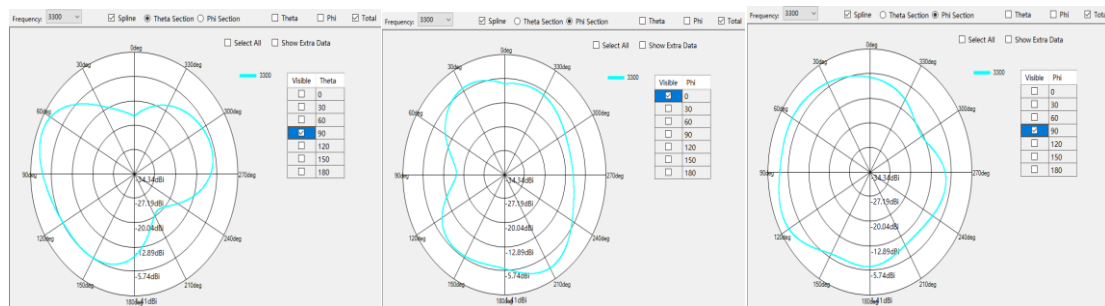
2D Radiation Pattern at 1850MHz Gain=-2.6dBi



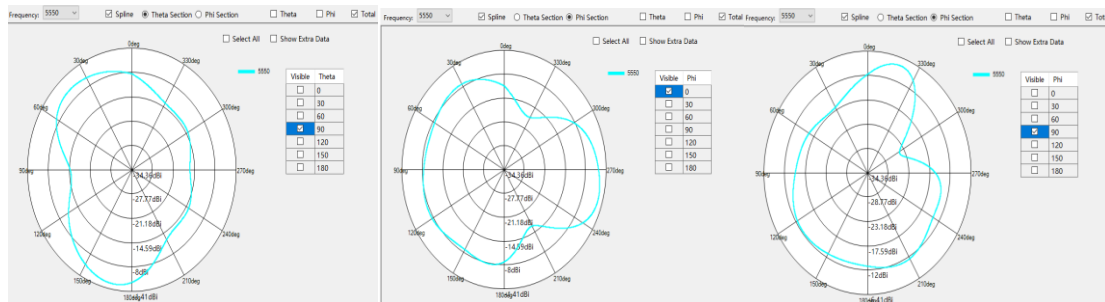
2D Radiation Pattern at 2550MHz Gain=-3.84dBi



2D Radiation Pattern at 3300MHz Gain=-0.04dBi

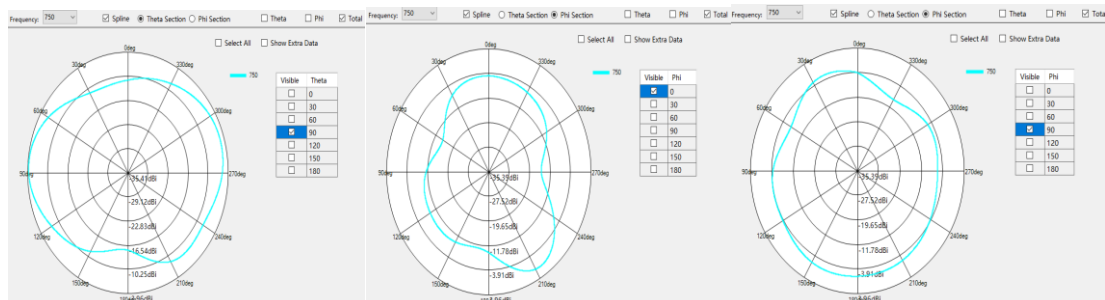


2D Radiation Pattern at 5550MHz Gain=-3.86dBi

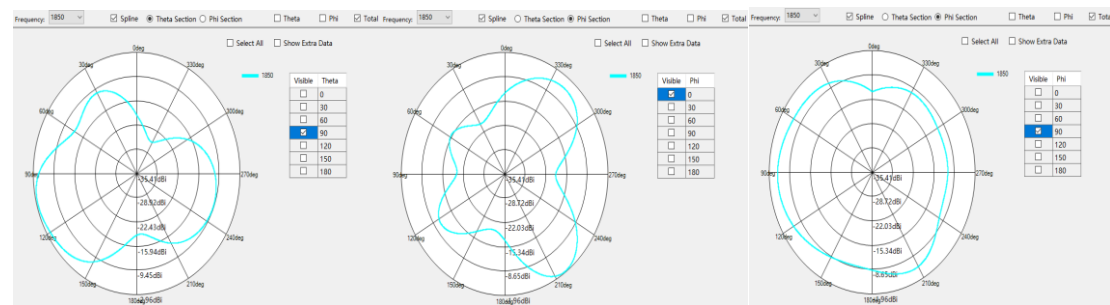


5G-2

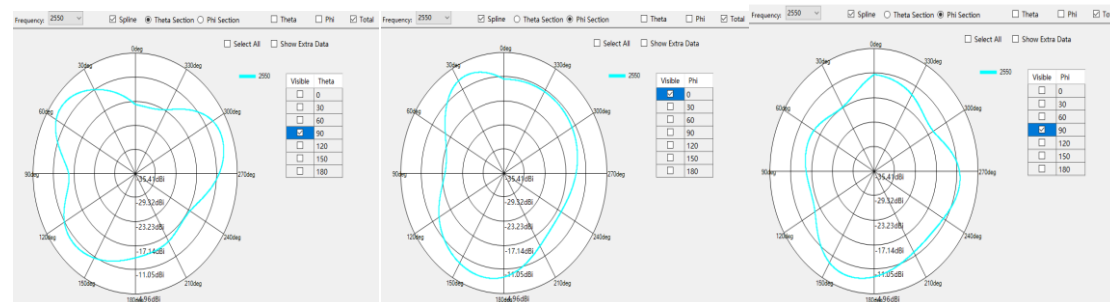
2D Radiation Pattern at 750MHz Gain=3.94dBi



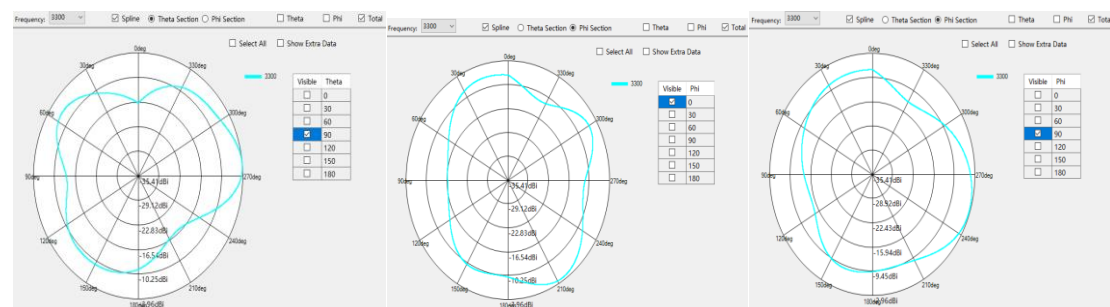
2D Radiation Pattern at 1850MHz Gain=-2.87dBi



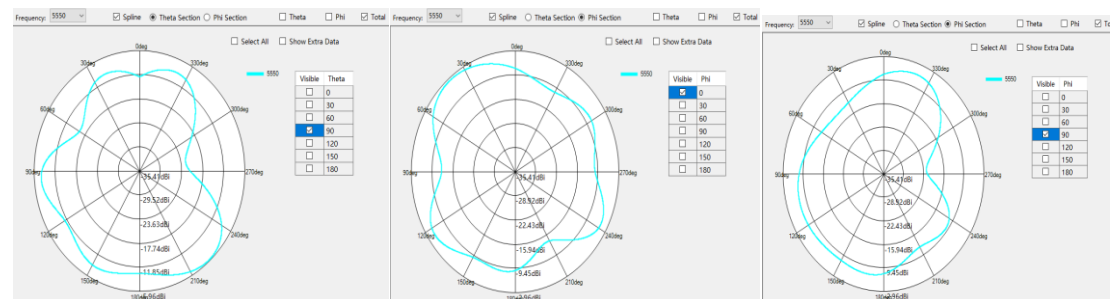
2D Radiation Pattern at 2550MHz Gain=-6.1dBi



2D Radiation Pattern at 3300MHz Gain=-3.81dBi

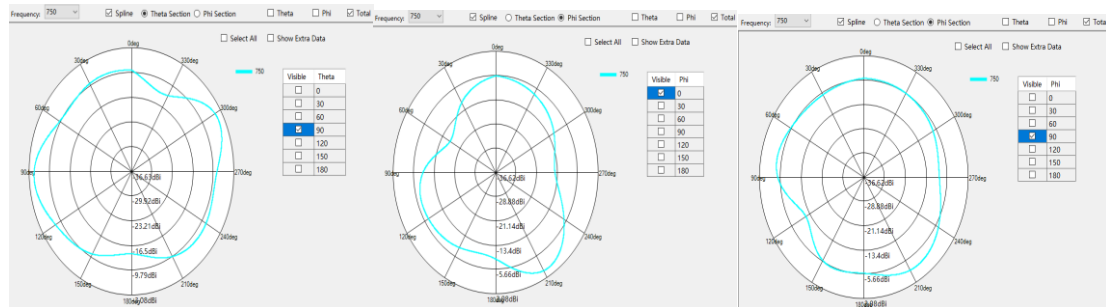


2D Radiation Pattern at 5550MHz Gain=-3.73dBi

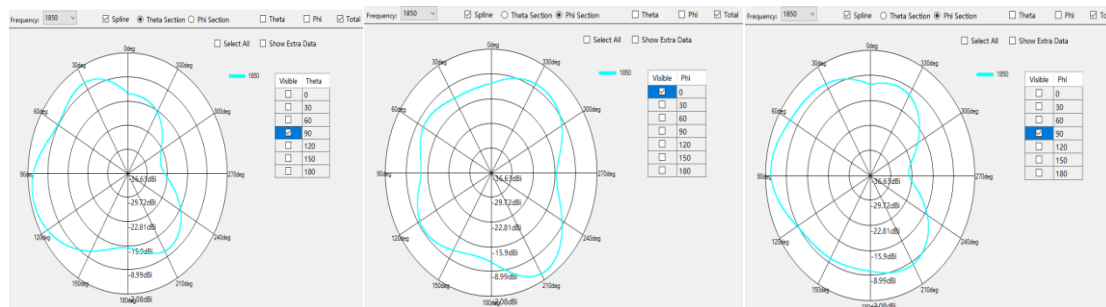


5G-3

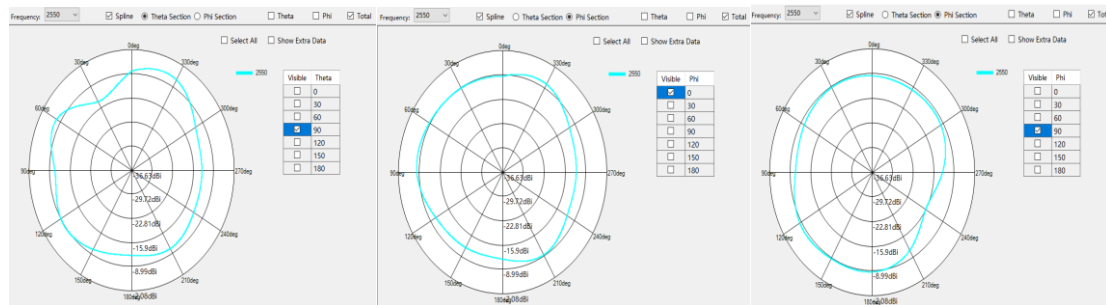
2D Radiation Pattern at 750MHz Gain=3.07dBi



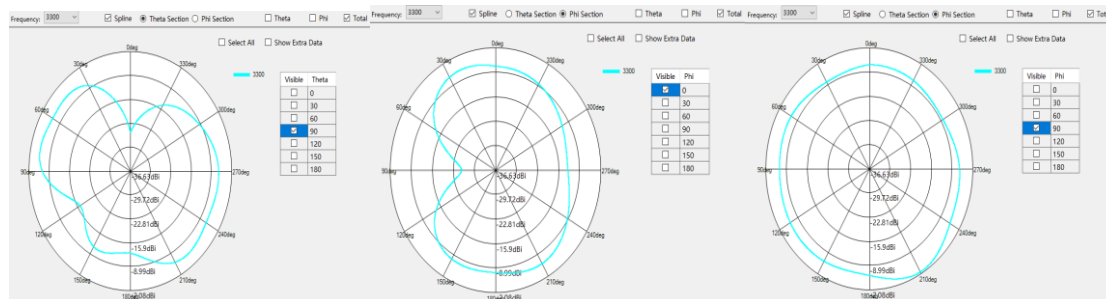
2D Radiation Pattern at 1850MHz Gain=-3.78dBi



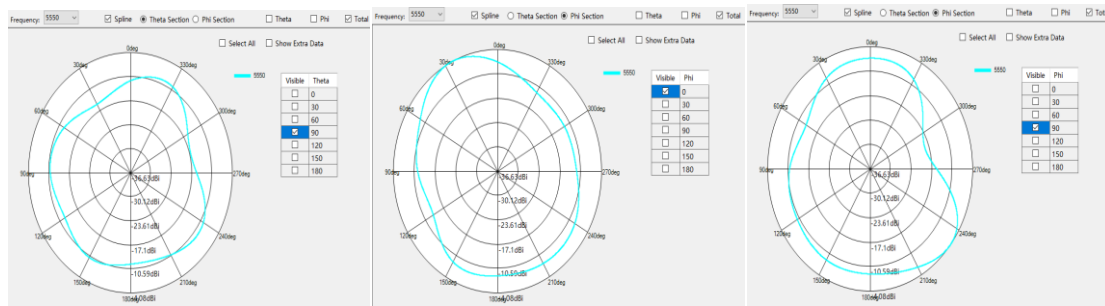
2D Radiation Pattern at 2550MHz Gain=-6.42dBi



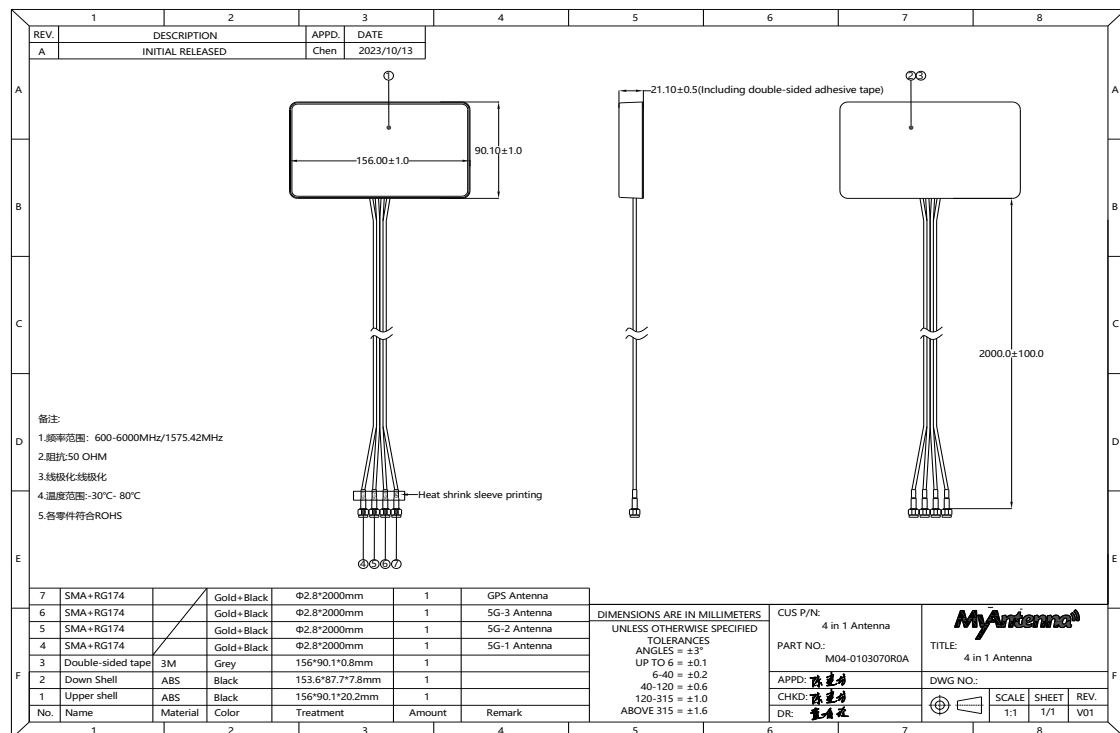
2D Radiation Pattern at 3300MHz Gain=-2.57dBi



2D Radiation Pattern at 5550MHz Gain=-3.91dBi



HOUSING CONFIGURATIONS



AboostyTM is owned by Shenzhen MyAntenna RF Technology Co., Ltd. (often abbreviated as MyAntenna).