

2J6604B

CELLULAR Screw Mount

Key Features

Cable 1: CELLULAR

- 824-960 MHz

- 1710-2170 MHz

Screw Mount

Anti-Rotation Mechanism

Ground Plane Independent

Customizable Cable and Connector

Dimensions Ø 77.3 x 15 mm

Certificates: IP67, IP69



1. Antenna and electrical specifications

Cable 1

Parameters	CELLULAR Antenna	
Standards	2G/3G	
Band (MHz)	850/900	1700/1800/1900/2100
Frequency (MHz)	824-960	1710-2170
Return Loss (dB)	~-7.4	~-11.5
VSWR	~2.8:1	~1.8:1
Efficiency (%)	~20.0	~25.6
Peak Gain (dBi)	~-2.8	~-0.1
Average Gain (dB)	~-7.8	~-6.1
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	SMA-Male (Other Connectors Available)	
Cable Length	300 cm (Any Cable Length Available)	
Cable Type	RG174 (Other Cables Available)	

Antenna Measurement Conditions:

Mounted on Ground Plane of 30x30 cm

200 cm of RG174 Cable

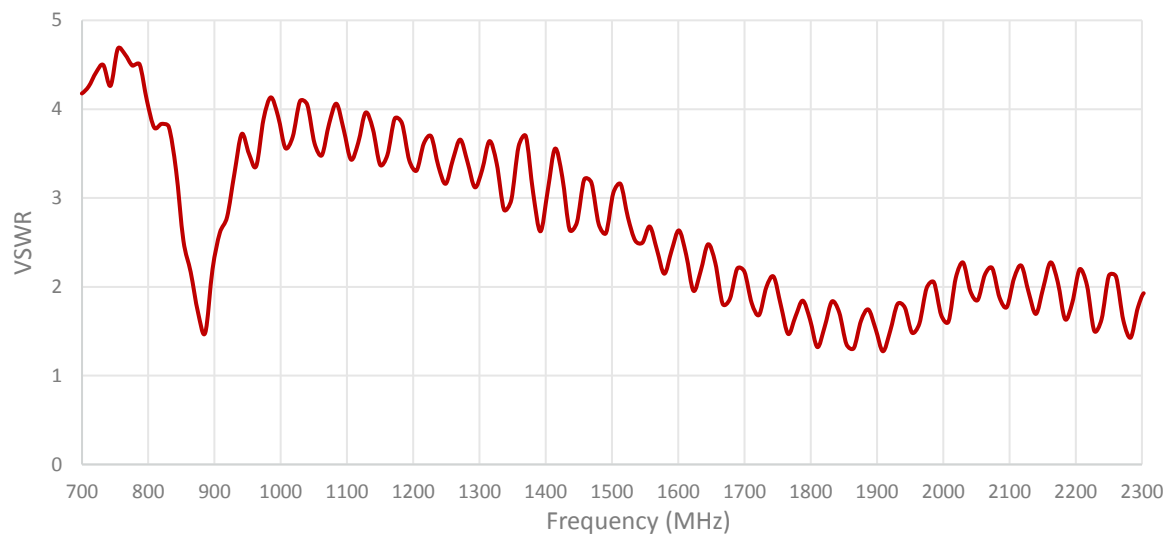
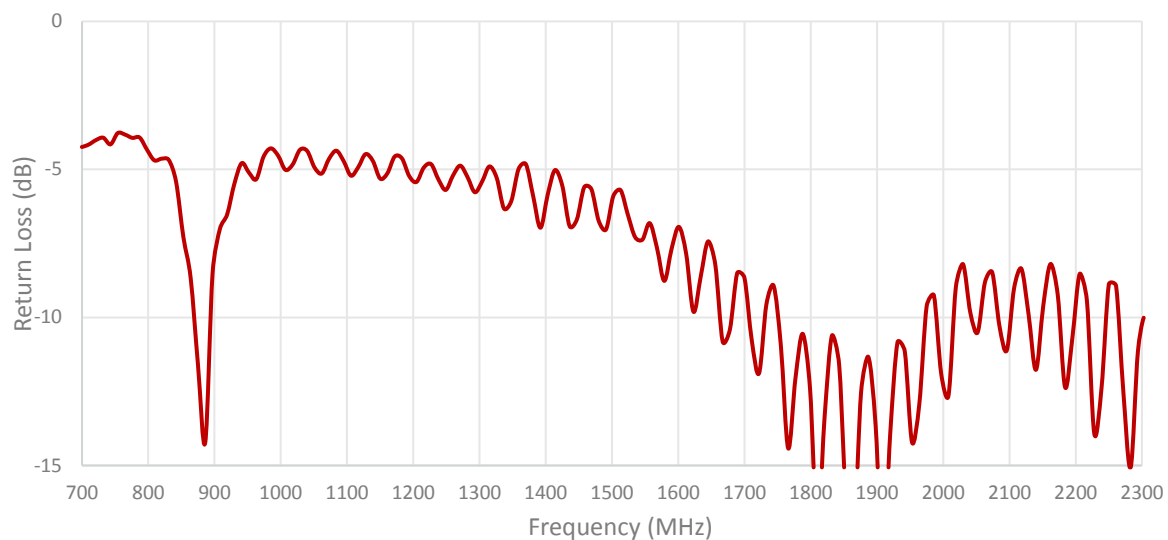
Measured in Certified CTIA 3D Anechoic Chamber

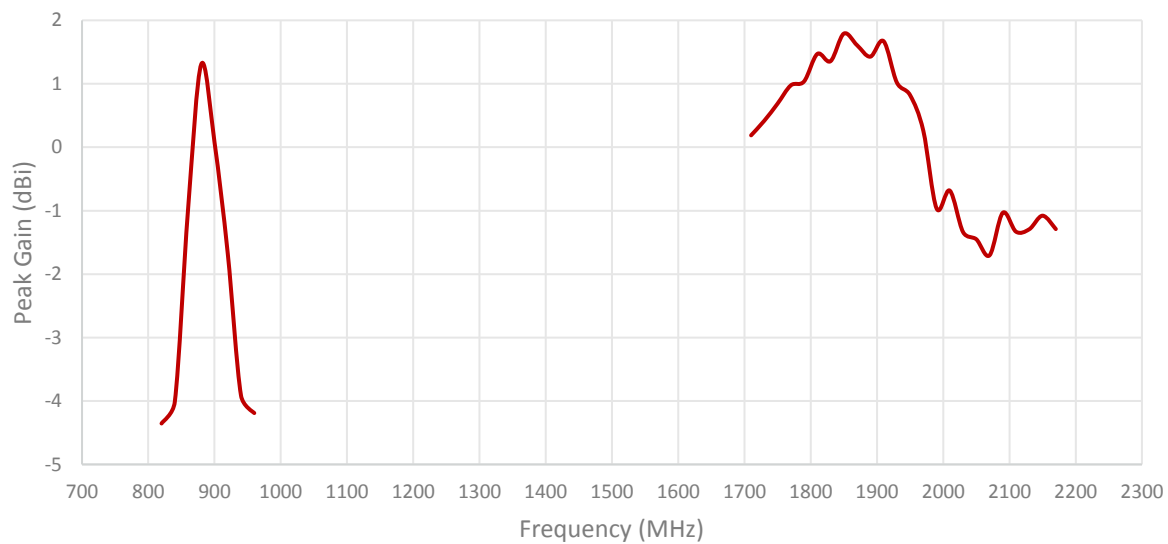
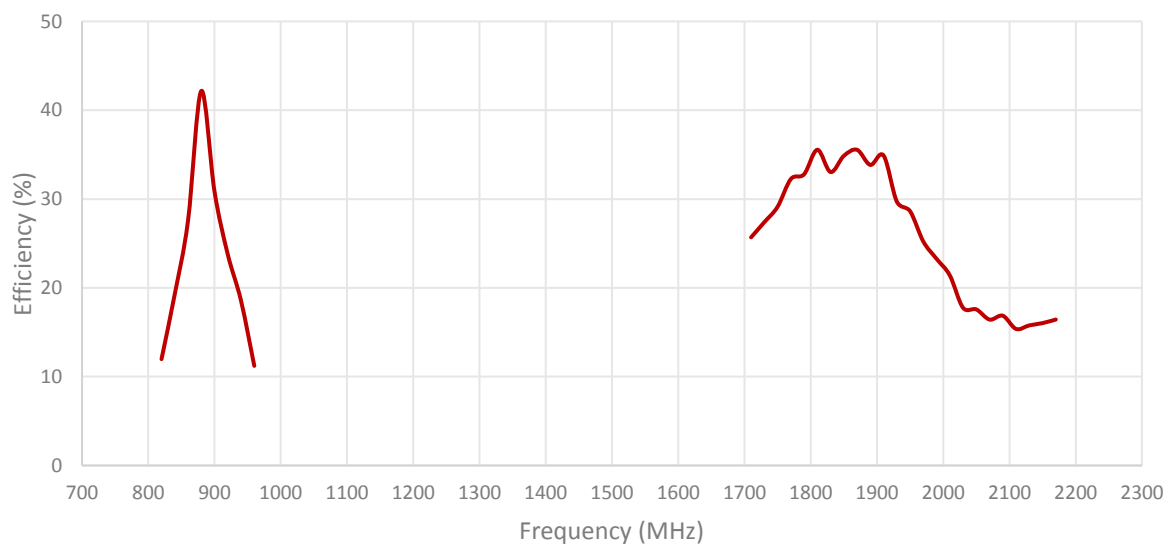
2. Mechanical and environmental specifications

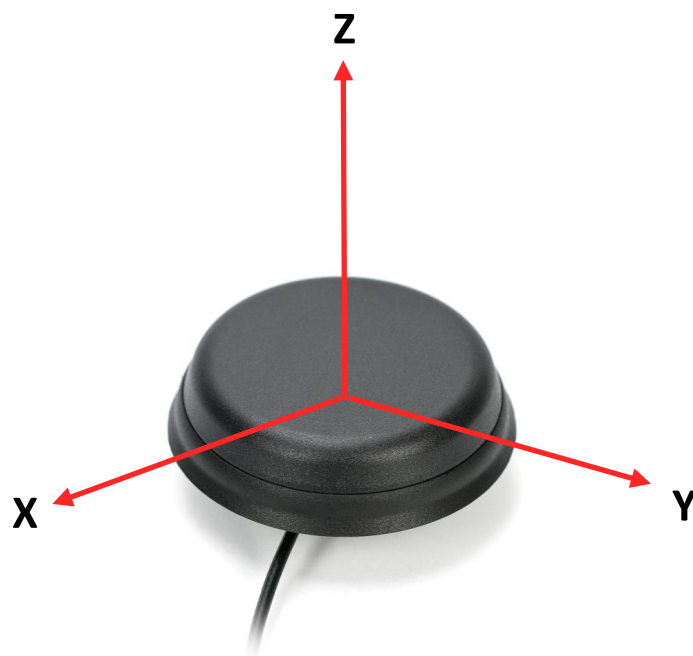
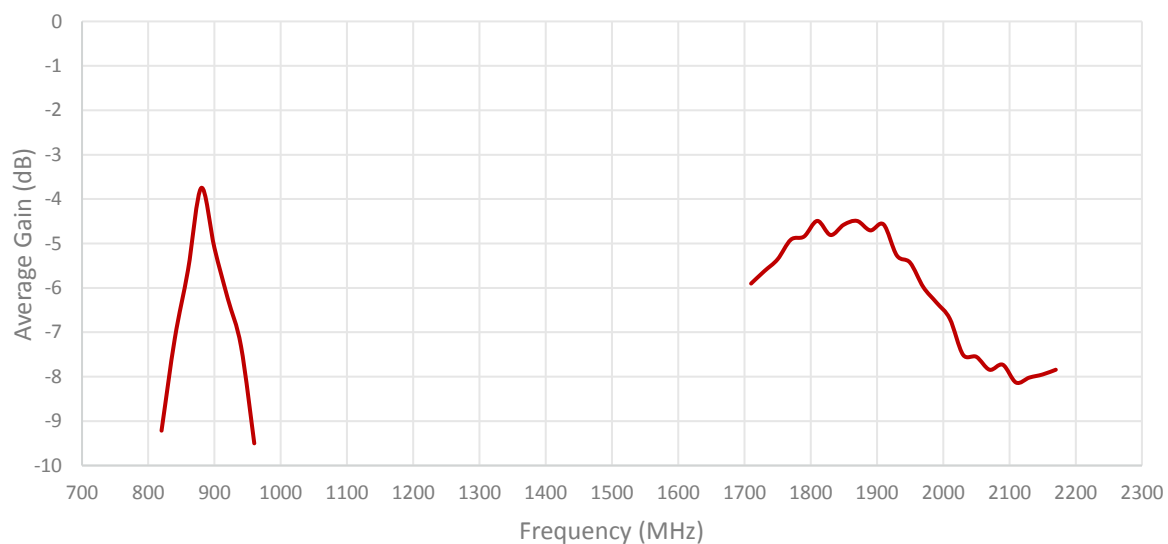
Specifications	2J6604B
Mounting Type	Screw Mount
Dimensions (mm)	Ø 77.3 × 15
Max. Tighten Torque (Nm)	6 Nm
Radome	ASA
Radome color	Black or White
Antenna Base	Zamak
Gasket	TPE
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67, IP69K

3. Antenna parameters

Cable 1: CELLULAR

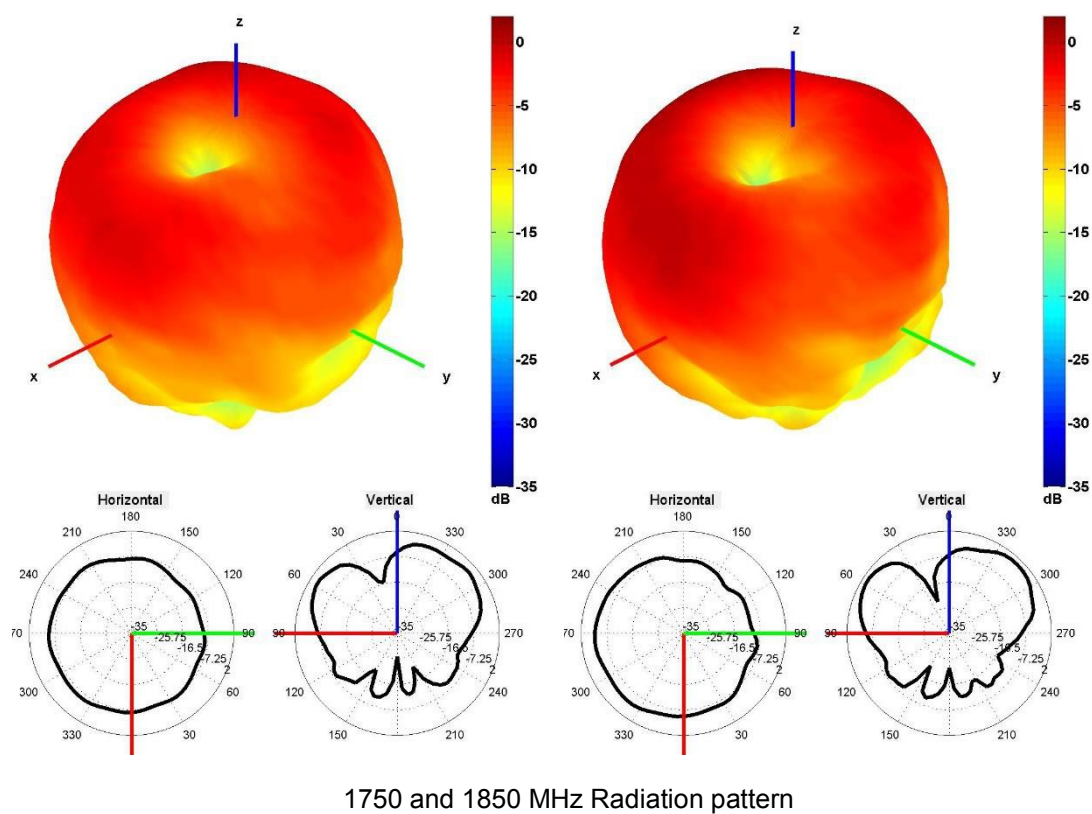
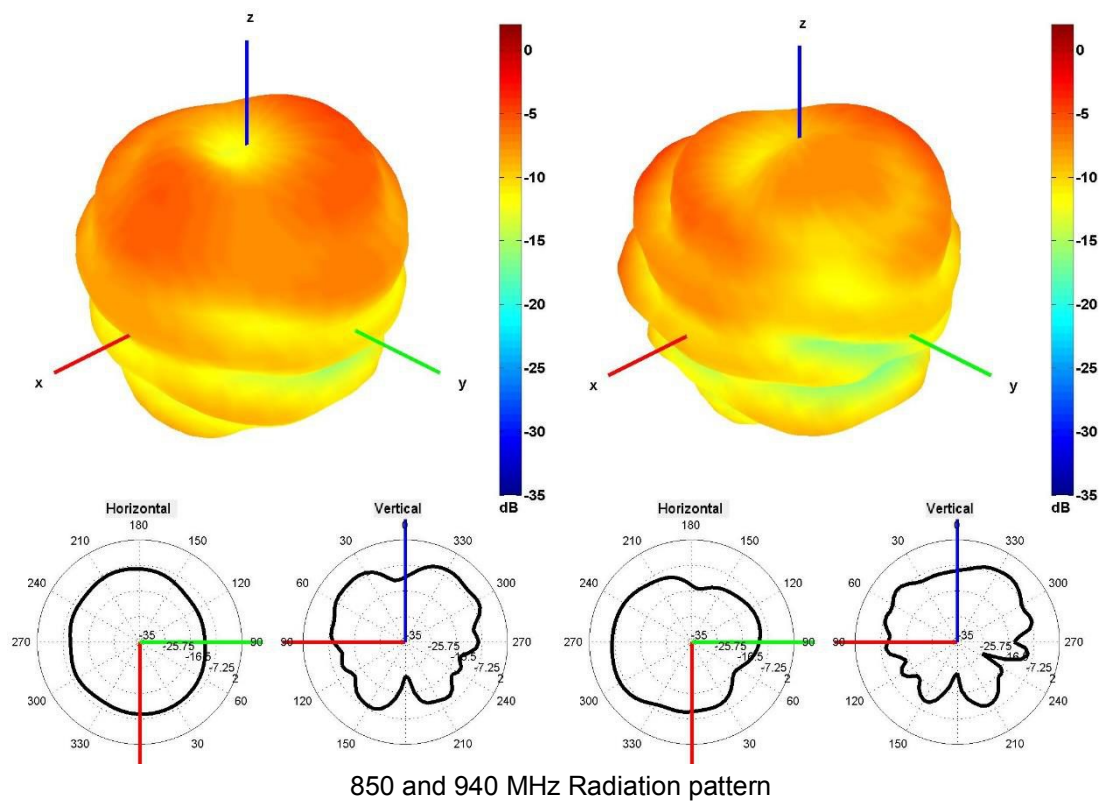


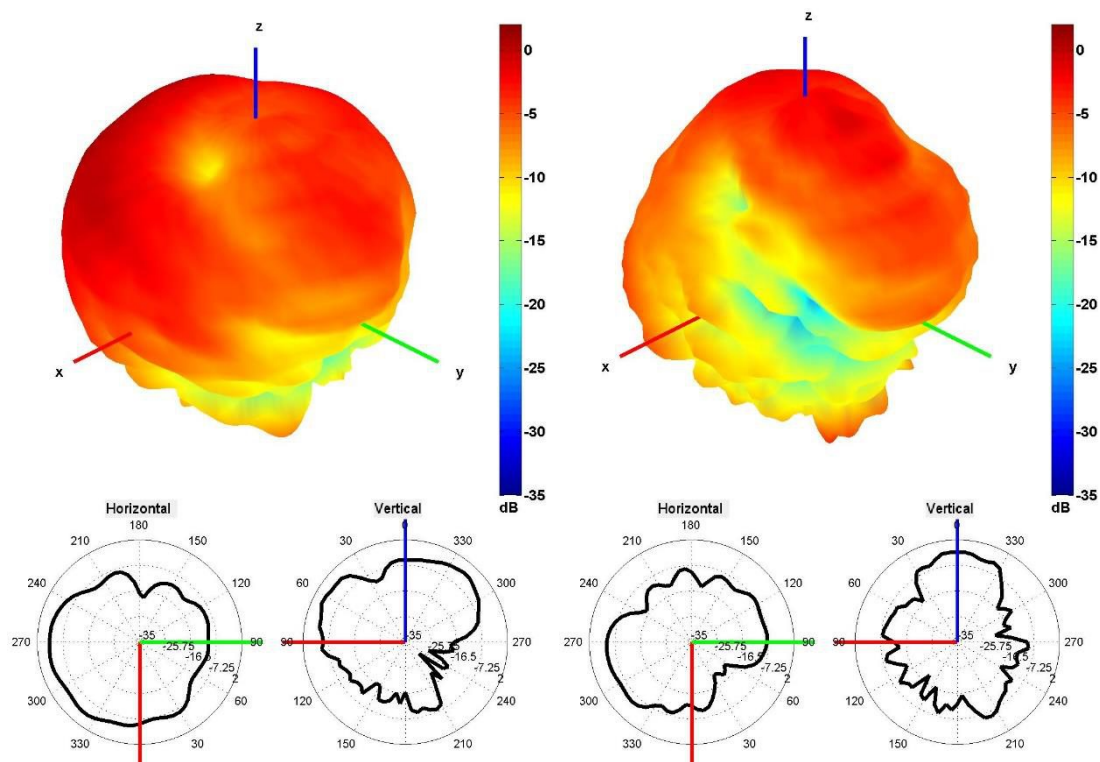




Radiation pattern reference

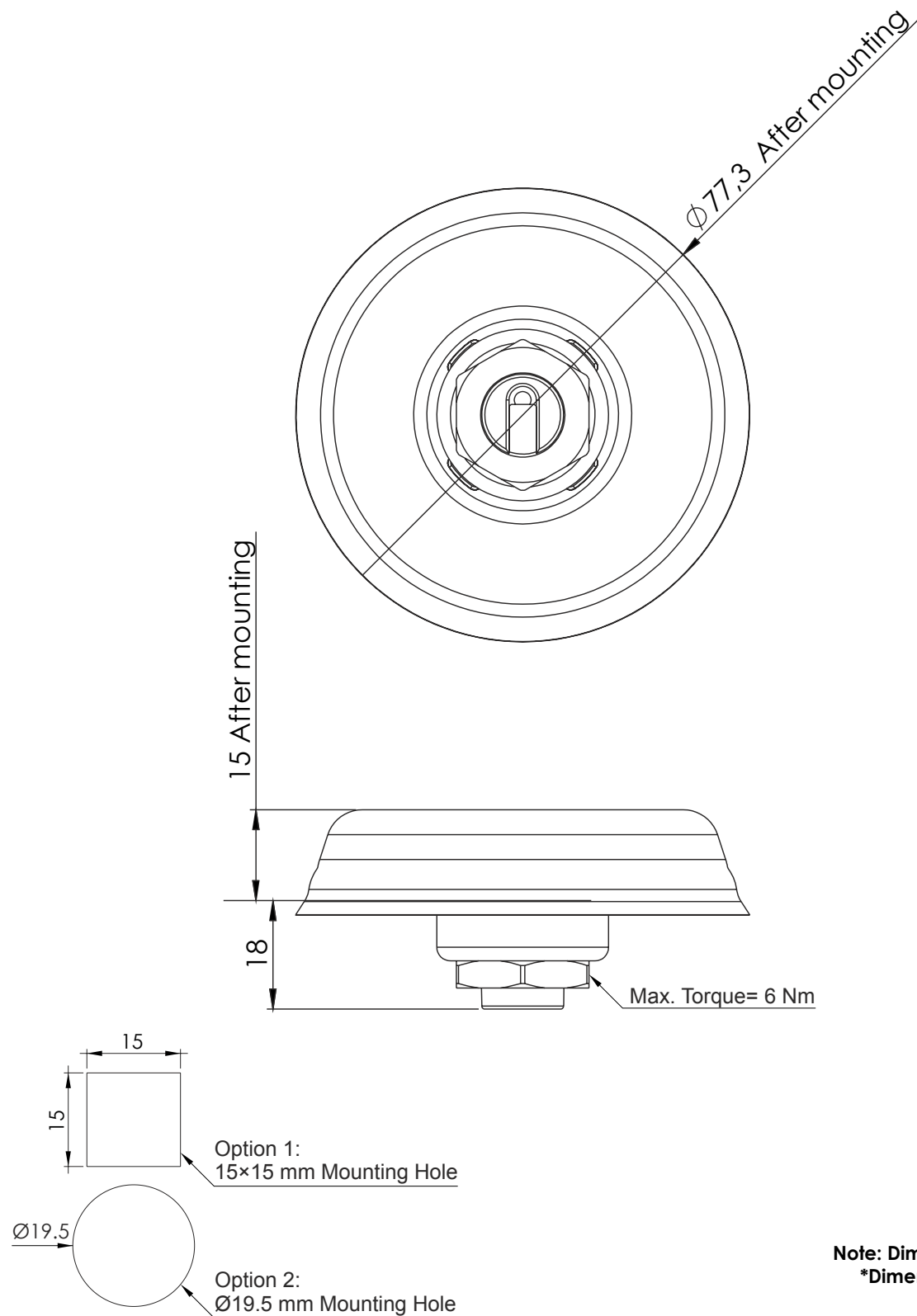
Cable 1: Cellular





1950 and 2100 MHz Radiation pattern

4. Antenna drawings



Note: Dimensions are in millimeters
***Dimensions are after mounting**
****Max. Torque= 6 Nm**

5. Antenna Images

