

5G NR Adhesive Mount Antenna



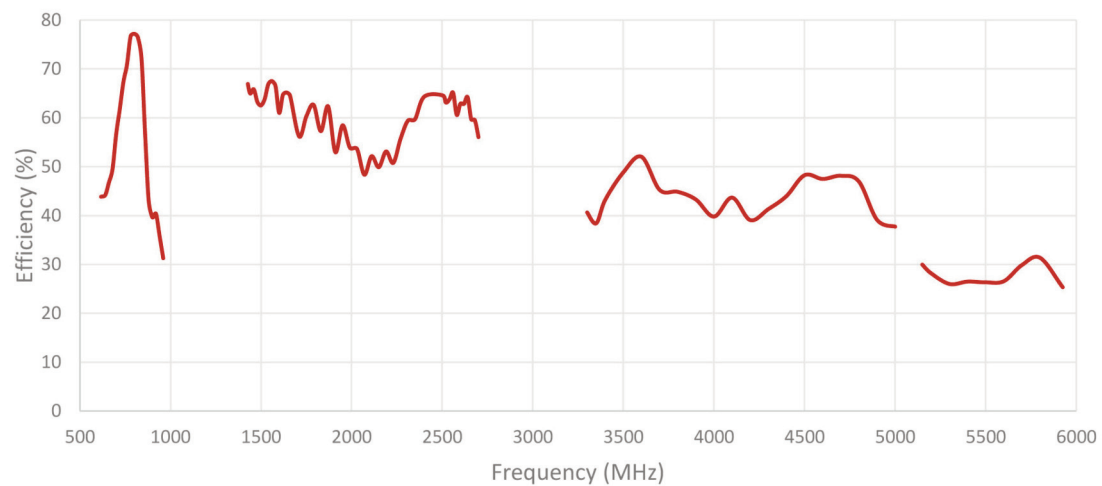
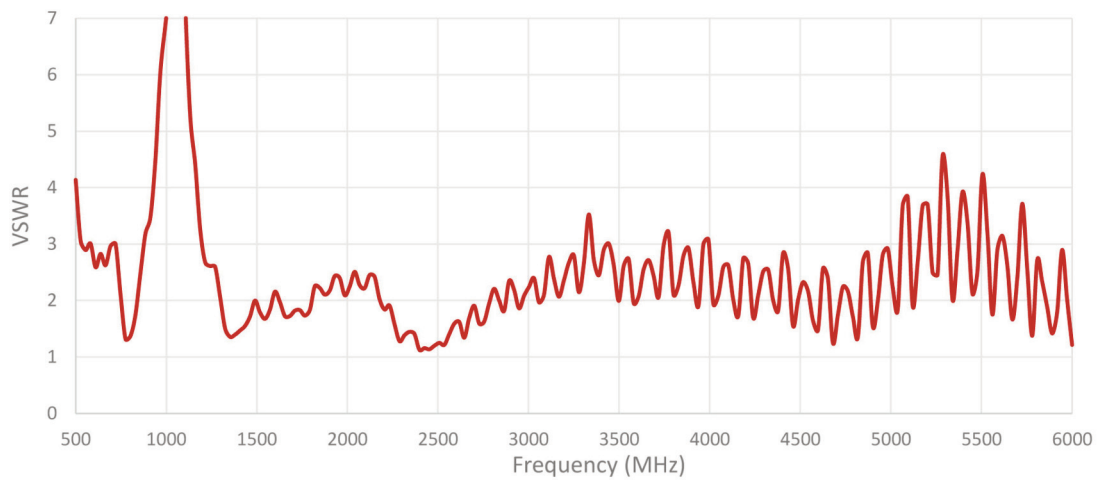
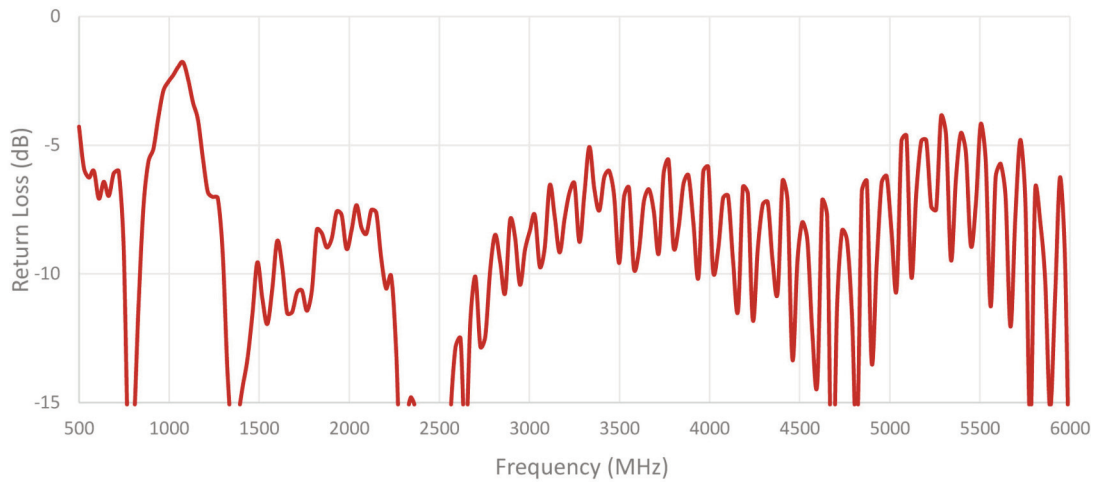
Technical Data:

Technologies	5G, 4G, 3G and 2G			
Standards	5G NR/4G LTE/FirstNet/CBRS/LPWA/ CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G			
Frequency/Band (MHz)	617-960	600, 700, 850, 900		
	1427-2690	1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600		
	3300-5000	3300, 3500, 3600, 3700, 4500		
	5150-5925	5200, 5500, 5800		
5G NR Bands	617-960	n5, n8 ,12, n20, n28, n71, n81, n82, n83		
	1427-2690	n1, n2, n3, n7, n25, n34, n38, n39, n40, n41, n50, n51, n66, n70, n74, n75, n76, n80, n84, n86		
	3300-5000	n77, n78, n79		
4G LTE Bands	617-960	B5, B6, B8, B12, B13, B14, B17, B18, B19, B20, B26, B27, B28, B29, B44, B67, B68, B71, B85		
	1427-2690	B1, B2, B3, B4, B7, B9, B10, B11, B21, B23, B24, B25, B30, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B45, B50, B51, B65, B66, B69, B70, B74, B75, B76		
	3300-5000	B22, B42, B43, B48, B49, B52		
	5150-5925	B46, B47, B252, B255		
3G Bands	617-960	B5, B6, B8, B12, B13, B14, B19, B20, B26		
	1427-2690	B1, B2, B3, B4, B7, B9, B10, B11, B21, B25, B32, B33, B34, B35, B36, B37, B38, B39, B40		
	3300-5000	B22		
2G Bands	617-960	710, 750, 810T, 850, 900P, 900E, 900R		
	1427-2690	1800DCS, 1900PCS		
CDMA Bands	617-960	BC0, BC2, BC3, BC7, BC9, BC10, BC12, BC18, BC19		
	1427-2690	BC1, BC4, BC6, BC8, BC13, BC14, BC15, BC16, BC20, BC21		
	<u>617-960</u>	<u>1427-2690</u>	<u>3300-5000</u>	<u>5150-5925</u>
Return Loss (dB)	~-8.2	~-12.3	~-8.6	~-7.6
VSWR	~2.8:1	~1.8:1	~2.3:1	~2.8:1
Efficiency (%)	~55.9	~60.4	~45.8	~25.8
Peak Gain (dBi)	~2.2	~3.5	~3.0	~0.5
Average Gain (dB)	~-2.8	~-2.2	~-3.6	~-6.3
Impedance (Ohm)	50			
Polarisation	Linear			
Radiation Pattern	Omni-Directional			
Max. Input Power (W)	25			
Connector	SMA (male)			
Cable	3m LL195			

Antenna 193618



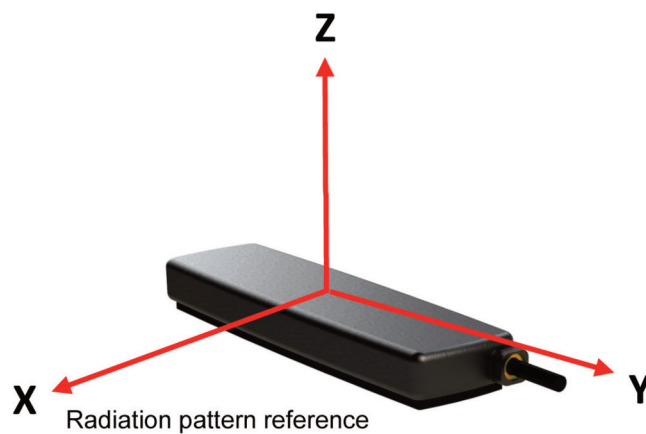
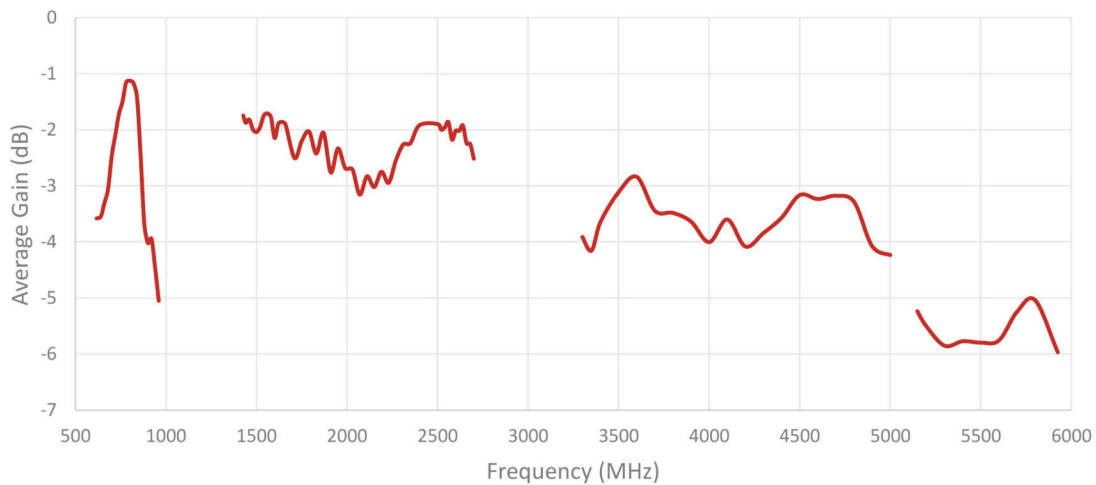
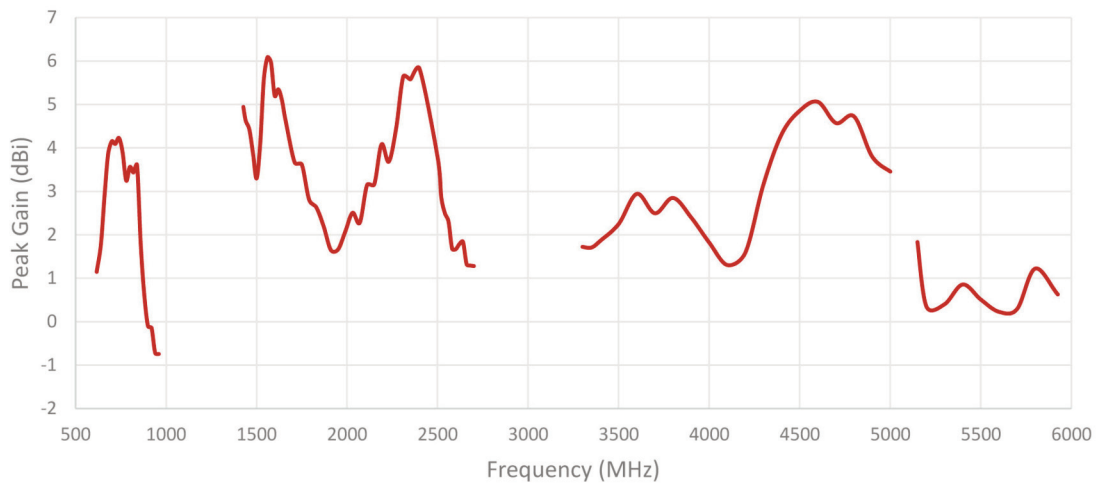
5G NR Adhesive Mount Antenna



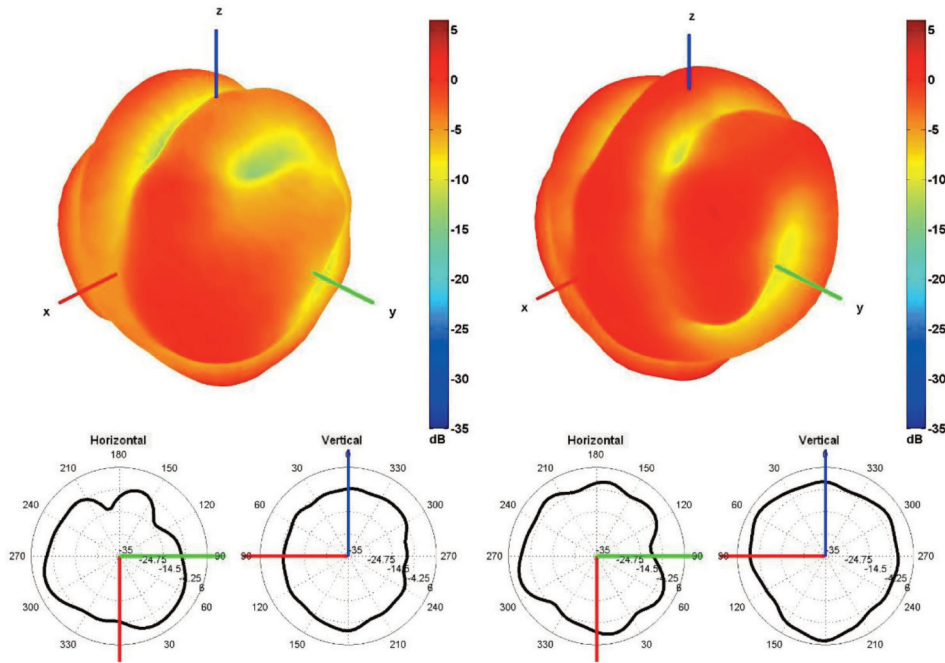
Antenna 193618



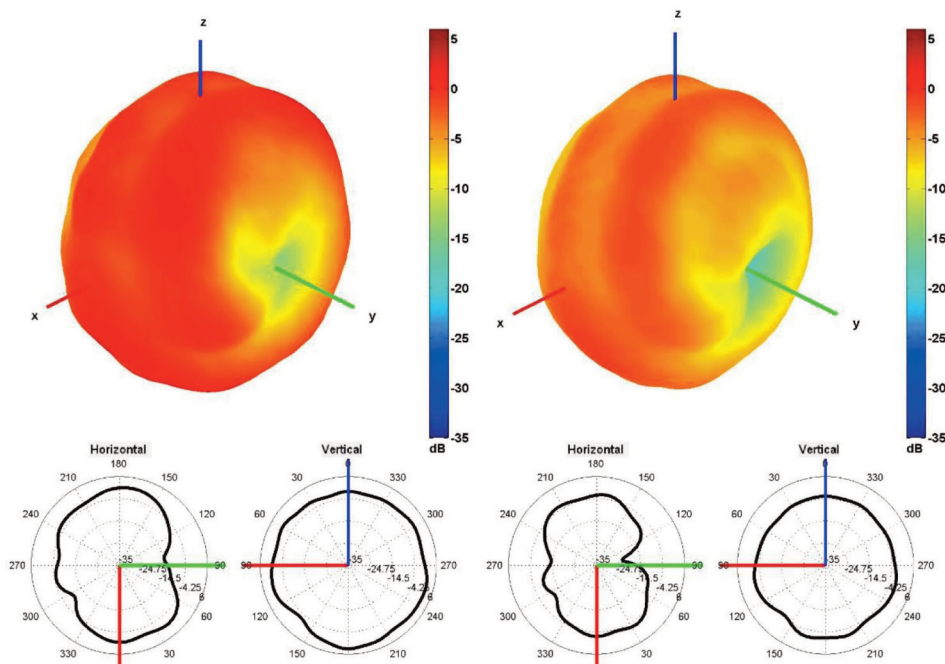
5G NR Adhesive Mount Antenna



5G NR Adhesive Mount Antenna

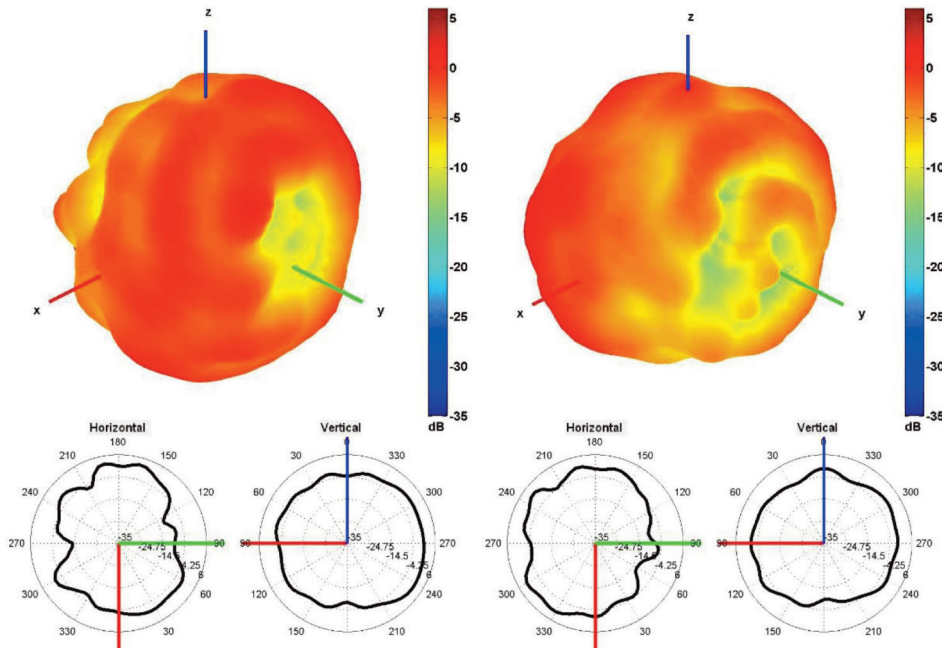


640 and 740 MHz Radiation pattern

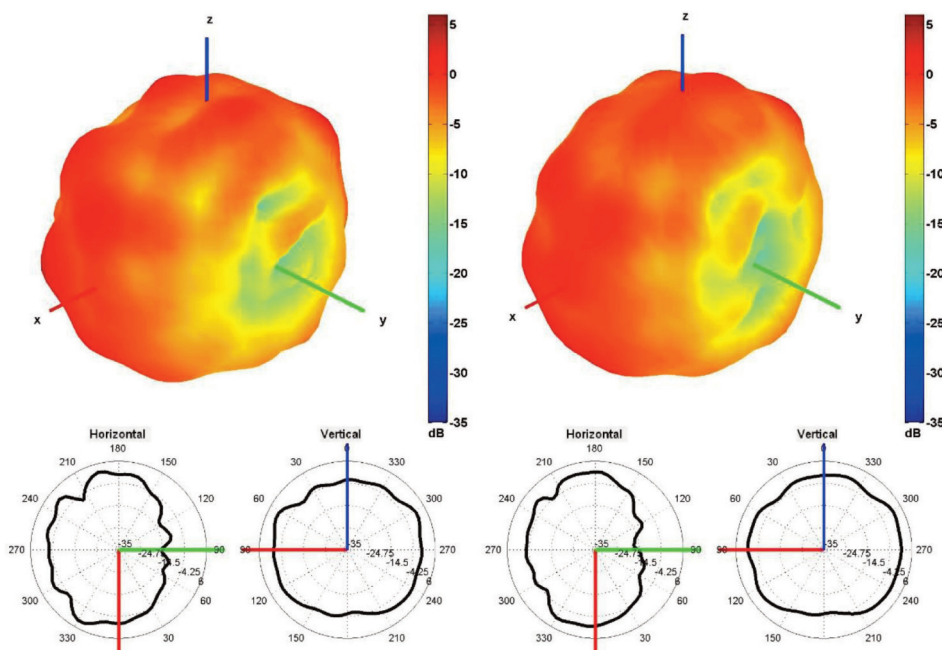


840 and 940 MHz Radiation pattern

5G NR Adhesive Mount Antenna

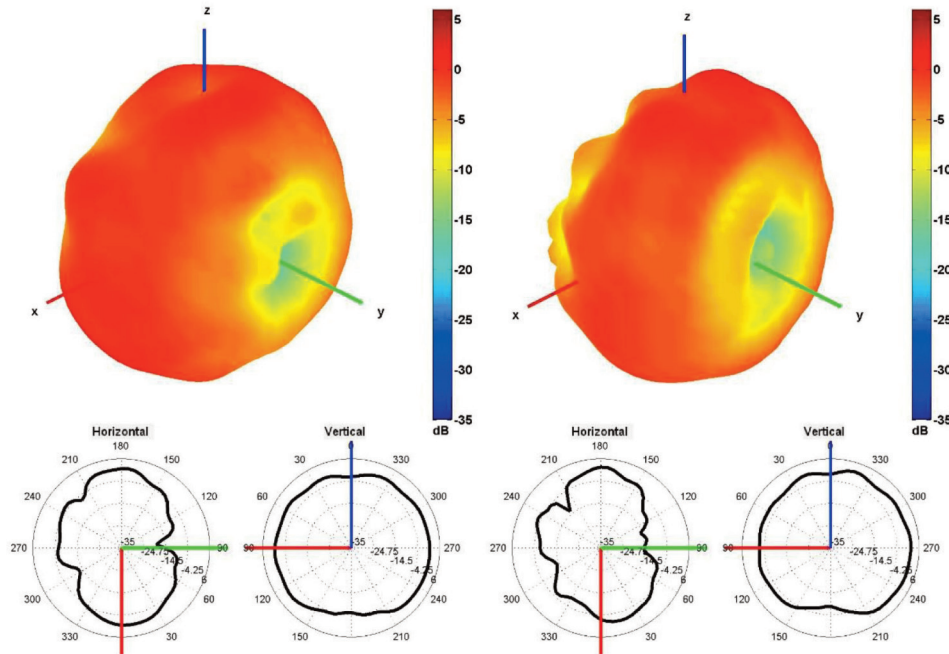


1500 and 1600 MHz Radiation pattern

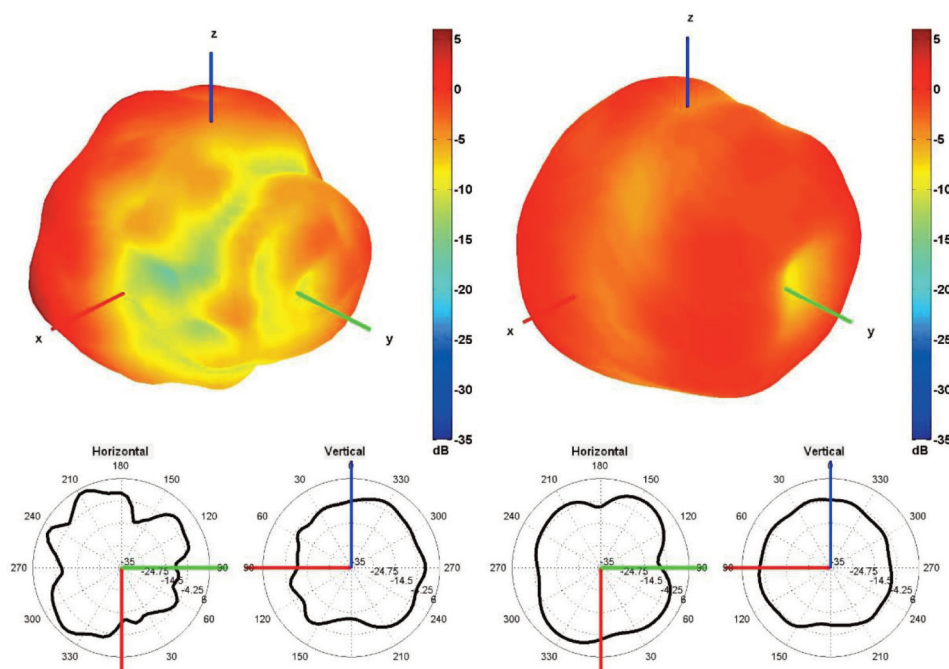


1750 and 1830 MHz Radiation pattern

5G NR Adhesive Mount Antenna

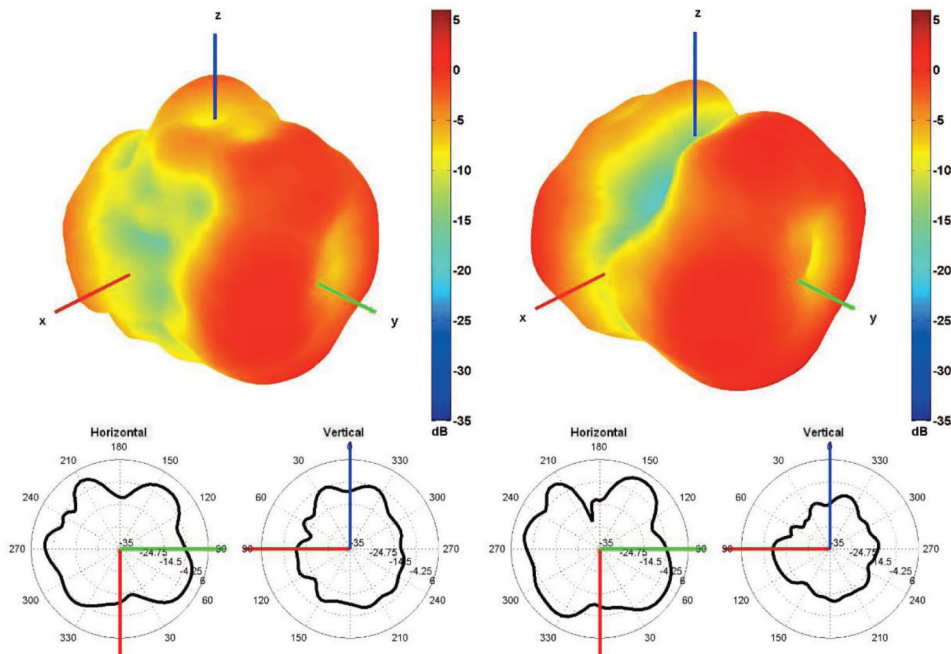


1950 and 2070 MHz Radiation pattern

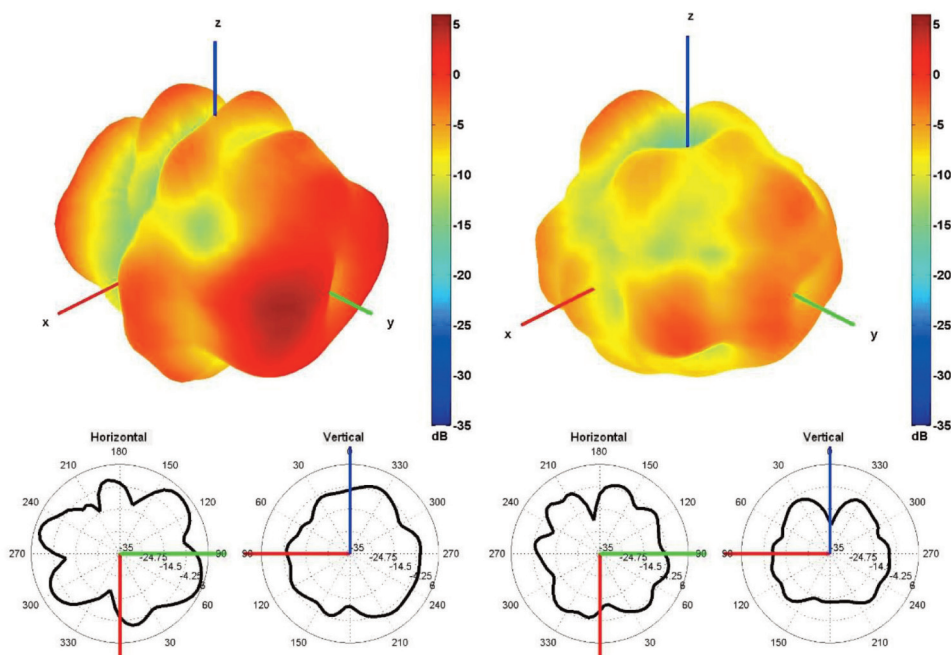


2350 and 2600 MHz Radiation pattern

5G NR Adhesive Mount Antenna



3350 and 3600 MHz Radiation pattern

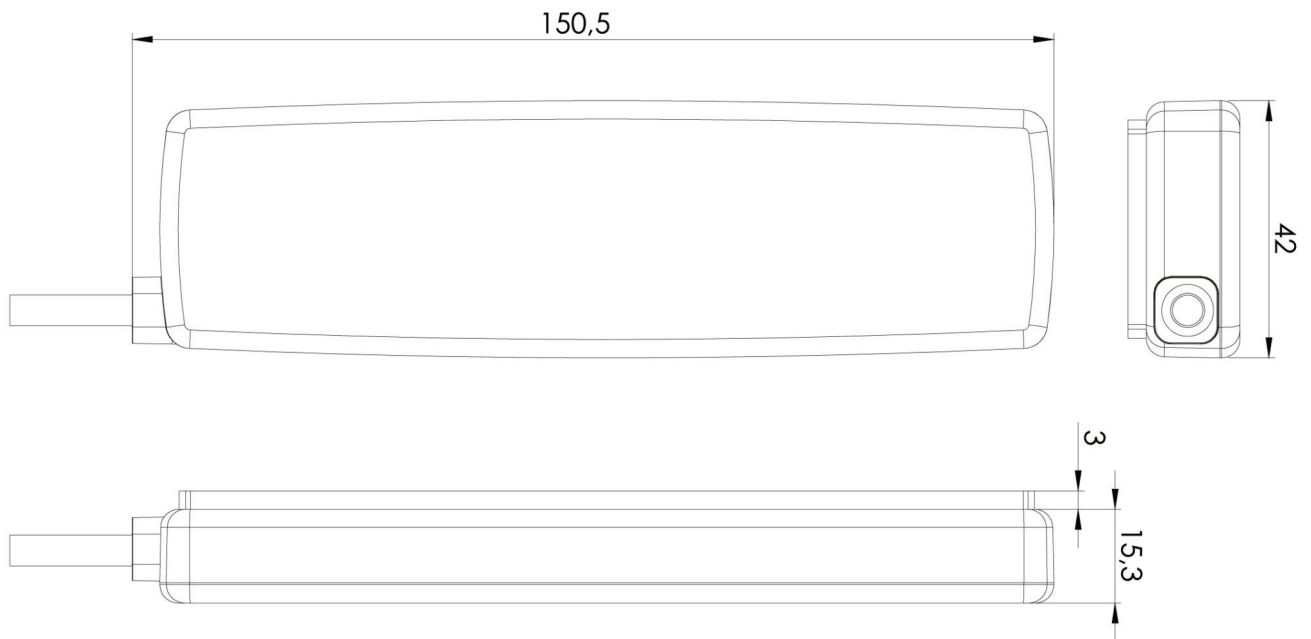


4500 and 5500 MHz Radiation pattern

Antenna 193618



5G NR Adhesive Mount Antenna



Mechanical Data:

Mounting Type	Adhesive Mount
Dimensions (mm)	150.5 × 42 × 15.3
Radome	ASA
Radome color	Black
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-40 °C to +85 °C
Substance Compliance	RoHS
Certificates	IP67, IP69