

# 2J4H83Pe

6× 5G NR MIMO Adhesive Mount

## Key Features

### Cable 1 - 6: 5G NR

- 617-960 MHz
- 1427-2690 MHz
- 3300-5000 MHz
- 5150-5925 MHz

Adhesive Mount

High Performance

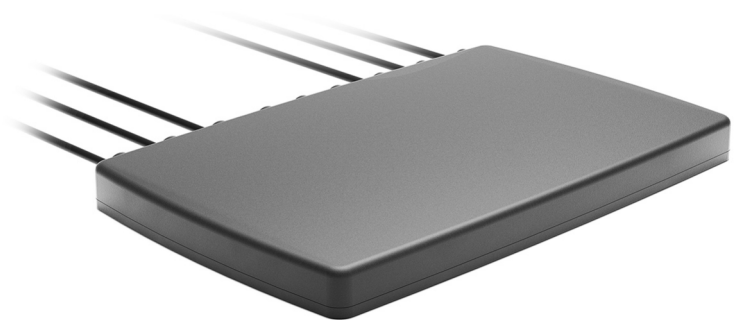
Low Profile

Ground Plane Independent

Customizable Cable and Connector

Dimensions: 198 x 127 x 15.7 mm

Certificates: IP67, IP69



## 1. Antenna and electrical specifications

Cable 1

| Parameters           | 5GNR Antenna  |   |                                 |                      |
|----------------------|---|---|---------------------------------|----------------------|
| Technologies         | 5G, 4G, 3G and 2G   |   |                                 |                      |
| Standards            | 5GNR/4GLTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G                                     |   |                                 |                      |
| Frequency (MHz)      | 617-960   | 1427-2690   | 3300-5000                       | 5150-5925            |
| Band (MHz)           | 600, 700, 850, 900  | 1500, 1600, 1700, 1800,<br>1900, 2000, 2100, 2300,<br>2500, 2600  | 3300, 3500, 3600,<br>3700, 4500 | 5200, 5500, 5800     |
| 5GNR Bands           | n5, n8, 12, n20, n28, n71,<br>n81, n82, n83,  | n1, n2, n3, n7, n25, n34,<br>n38, n39, n40, n41, n50,<br>n51, n66, n70, n74, n75,<br>n76, n80, n84, n86   | n77, n78, n79                   |                      |
| 4GLTE Bands          | B5, B6, B8, B12, B13, B14,<br>B17, B18, B19, B20, B26,<br>B27, B28, B29, B44, B67,<br>B68, B71, B85 | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B23, B24,<br>B25, B30, B32, B33, B34,<br>B35, B36, B37, B38, B39,<br>B40, B41, B45, B50, B51,<br>B65, B66, B69, B70, B74,<br>B75, B76 | B22, B42, B43, B48,<br>B49, B52 | B46, B47, B252, B255 |
| 3GCELL Bands         | B5, B6, B8, B12, B13, B14,<br>B19, B20, B26   | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B25, B32,<br>B33, B34, B35, B36, B37,<br>B38, B39, B40  | B22                             |                      |
| 2GCELL Bands         | 710, 750, 810T, 850, 900P,<br>900E, 900R  | 1800DCS, 1900PCS  |                                 |                      |
| CDMACELL Bands       | BC0, BC2, BC3, BC7, BC9,<br>BC10, BC12, BC18, BC19  | BC1, BC4, BC6, BC8,<br>BC13, BC14, BC15, BC16,<br>BC20, BC21  |                                 |                      |
| Return Loss (dB)     | ~-11.2  | ~-15.4  | ~-14.2                          | ~-14.4               |
| VSWR                 | ~1.9:1  | ~1.6:1  | ~1.7:1                          | ~1.5:1               |
| Efficiency (%)       | ~42.6   | ~46.5   | ~38.6                           | ~37.6                |
| Peak Gain (dBi)      | ~2.6  | ~3.8  | ~5.1                            | ~6.0                 |
| Average Gain (dB)    | ~-3.8   | ~-3.4   | ~-4.2                           | ~-4.3                |
| Impedance (Ohm)      | 50  |   |                                 |                      |
| Polarisation         | Linear  |   |                                 |                      |
| Radiation Pattern    | Omni-Directional  |   |                                 |                      |
| Max. Input Power (W) | 25  |   |                                 |                      |
| Connector Type       | SMA-Male Standard (Other Connectors Available)  |   |                                 |                      |
| Cable Length         | 300 cm Standard (Any Cable Length Available)  |   |                                 |                      |
| Cable Type           | D302 Standard (Other Cables Available)  |   |                                 |                      |

Cable 2

| Parameters                  | 5GNR Antenna  |   |                                 |                      |
|-----------------------------|---|---|---------------------------------|----------------------|
| <b>Technologies</b>         | 5G, 4G, 3G and 2G   |   |                                 |                      |
| <b>Standards</b>            | 5GNR/4GLTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G                                     |   |                                 |                      |
| <b>Frequency (MHz)</b>      | 617-960   | 1427-2690   | 3300-5000                       | 5150-5925            |
| <b>Band (MHz)</b>           | 600, 700, 850, 900  | 1500, 1600, 1700, 1800,<br>1900, 2000, 2100, 2300,<br>2500, 2600  | 3300, 3500, 3600,<br>3700, 4500 | 5200, 5500, 5800     |
| <b>5GNR Bands</b>           | n5, n8, 12, n20, n28, n71,<br>n81, n82, n83,  | n1, n2, n3, n7, n25, n34,<br>n38, n39, n40, n41, n50,<br>n51, n66, n70, n74, n75,<br>n76, n80, n84, n86   | n77, n78, n79                   |                      |
| <b>4GLTE Bands</b>          | B5, B6, B8, B12, B13, B14,<br>B17, B18, B19, B20, B26,<br>B27, B28, B29, B44, B67,<br>B68, B71, B85 | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B23, B24,<br>B25, B30, B32, B33, B34,<br>B35, B36, B37, B38, B39,<br>B40, B41, B45, B50, B51,<br>B65, B66, B69, B70, B74,<br>B75, B76 | B22, B42, B43, B48,<br>B49, B52 | B46, B47, B252, B255 |
| <b>3GCELL Bands</b>         | B5, B6, B8, B12, B13, B14,<br>B19, B20, B26   | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B25, B32,<br>B33, B34, B35, B36, B37,<br>B38, B39, B40  | B22                             |                      |
| <b>2GCELL Bands</b>         | 710, 750, 810T, 850, 900P,<br>900E, 900R  | 1800DCS, 1900PCS  |                                 |                      |
| <b>CDMACELL Bands</b>       | BC0, BC2, BC3, BC7, BC9,<br>BC10, BC12, BC18, BC19  | BC1, BC4, BC6, BC8,<br>BC13, BC14, BC15, BC16,<br>BC20, BC21  |                                 |                      |
| <b>Return Loss (dB)</b>     | ~-10.8  | ~-12.1  | ~-12.2                          | ~-11.1               |
| <b>VSWR</b>                 | ~1.9:1  | ~2.0:1  | ~1.8:1                          | ~1.8:1               |
| <b>Efficiency (%)</b>       | ~28.1   | ~29.2   | ~28.1                           | ~28.3                |
| <b>Peak Gain (dBi)</b>      | ~1.0  | ~0.8  | ~1.6                            | ~3.5                 |
| <b>Average Gain (dB)</b>    | ~-5.6   | ~-5.6   | ~-5.6                           | ~-5.5                |
| <b>Impedance (Ohm)</b>      | 50  |   |                                 |                      |
| <b>Polarisation</b>         | Linear  |   |                                 |                      |
| <b>Radiation Pattern</b>    | Omni-Directional  |   |                                 |                      |
| <b>Max. Input Power (W)</b> | 25  |   |                                 |                      |
| <b>Connector Type</b>       | SMA-Male Standard (Other Connectors Available)  |   |                                 |                      |
| <b>Cable Length</b>         | 300 cm Standard (Any Cable Length Available)  |   |                                 |                      |
| <b>Cable Type</b>           | D302 Standard (Other Cables Available)  |   |                                 |                      |

Cable 3

| Parameters           | 5GNR Antenna  |   |                                 |                      |
|----------------------|---|---|---------------------------------|----------------------|
| Technologies         | 5G, 4G, 3G and 2G   |   |                                 |                      |
| Standards            | 5GNR/4GLTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G                                     |   |                                 |                      |
| Frequency (MHz)      | 617-960   | 1427-2690   | 3300-5000                       | 5150-5925            |
| Band (MHz)           | 600, 700, 850, 900  | 1500, 1600, 1700, 1800,<br>1900, 2000, 2100, 2300,<br>2500, 2600  | 3300, 3500, 3600,<br>3700, 4500 | 5200, 5500, 5800     |
| 5GNR Bands           | n5, n8, 12, n20, n28, n71,<br>n81, n82, n83,  | n1, n2, n3, n7, n25, n34,<br>n38, n39, n40, n41, n50,<br>n51, n66, n70, n74, n75,<br>n76, n80, n84, n86   | n77, n78, n79                   |                      |
| 4GLTE Bands          | B5, B6, B8, B12, B13, B14,<br>B17, B18, B19, B20, B26,<br>B27, B28, B29, B44, B67,<br>B68, B71, B85 | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B23, B24,<br>B25, B30, B32, B33, B34,<br>B35, B36, B37, B38, B39,<br>B40, B41, B45, B50, B51,<br>B65, B66, B69, B70, B74,<br>B75, B76 | B22, B42, B43, B48,<br>B49, B52 | B46, B47, B252, B255 |
| 3GCELL Bands         | B5, B6, B8, B12, B13, B14,<br>B19, B20, B26   | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B25, B32,<br>B33, B34, B35, B36, B37,<br>B38, B39, B40  | B22                             |                      |
| 2GCELL Bands         | 710, 750, 810T, 850, 900P,<br>900E, 900R  | 1800DCS, 1900PCS  |                                 |                      |
| CDMACELL Bands       | BC0, BC2, BC3, BC7, BC9,<br>BC10, BC12, BC18, BC19  | BC1, BC4, BC6, BC8,<br>BC13, BC14, BC15, BC16,<br>BC20, BC21  |                                 |                      |
| Return Loss (dB)     | ~-11.3  | ~-15.2  | ~-12.8                          | ~-12.1               |
| VSWR                 | ~1.9:1  | ~1.6:1  | ~1.8:1                          | ~1.7:1               |
| Efficiency (%)       | ~31.2   | ~39.1   | ~33.0                           | ~30.0                |
| Peak Gain (dBi)      | ~0.8  | ~2.1  | ~3.2                            | ~2.4                 |
| Average Gain (dB)    | ~-5.2   | ~-4.1   | ~-4.9                           | ~-5.2                |
| Impedance (Ohm)      | 50  |   |                                 |                      |
| Polarisation         | Linear  |   |                                 |                      |
| Radiation Pattern    | Omni-Directional  |   |                                 |                      |
| Max. Input Power (W) | 25  |   |                                 |                      |
| Connector Type       | SMA-Male Standard (Other Connectors Available)  |   |                                 |                      |
| Cable Length         | 300 cm Standard (Any Cable Length Available)  |   |                                 |                      |
| Cable Type           | D302 Standard (Other Cables Available)  |   |                                 |                      |

Cable 4

| Parameters           | 5GNR Antenna  |   |                                 |                      |
|----------------------|---|---|---------------------------------|----------------------|
| Technologies         | 5G, 4G, 3G and 2G   |   |                                 |                      |
| Standards            | 5GNR/4GLTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G                                     |   |                                 |                      |
| Frequency (MHz)      | 617-960   | 1427-2690   | 3300-5000                       | 5150-5925            |
| Band (MHz)           | 600, 700, 850, 900  | 1500, 1600, 1700, 1800,<br>1900, 2000, 2100, 2300,<br>2500, 2600  | 3300, 3500, 3600,<br>3700, 4500 | 5200, 5500, 5800     |
| 5GNR Bands           | n5, n8, 12, n20, n28, n71,<br>n81, n82, n83,  | n1, n2, n3, n7, n25, n34,<br>n38, n39, n40, n41, n50,<br>n51, n66, n70, n74, n75,<br>n76, n80, n84, n86   | n77, n78, n79                   |                      |
| 4GLTE Bands          | B5, B6, B8, B12, B13, B14,<br>B17, B18, B19, B20, B26,<br>B27, B28, B29, B44, B67,<br>B68, B71, B85 | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B23, B24,<br>B25, B30, B32, B33, B34,<br>B35, B36, B37, B38, B39,<br>B40, B41, B45, B50, B51,<br>B65, B66, B69, B70, B74,<br>B75, B76 | B22, B42, B43, B48,<br>B49, B52 | B46, B47, B252, B255 |
| 3GCELL Bands         | B5, B6, B8, B12, B13, B14,<br>B19, B20, B26   | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B25, B32,<br>B33, B34, B35, B36, B37,<br>B38, B39, B40  | B22                             |                      |
| 2GCELL Bands         | 710, 750, 810T, 850, 900P,<br>900E, 900R  | 1800DCS, 1900PCS  |                                 |                      |
| CDMACELL Bands       | BC0, BC2, BC3, BC7, BC9,<br>BC10, BC12, BC18, BC19  | BC1, BC4, BC6, BC8,<br>BC13, BC14, BC15, BC16,<br>BC20, BC21  |                                 |                      |
| Return Loss (dB)     | ~-12.1  | ~-15.1  | ~-15.1                          | ~-10.8               |
| VSWR                 | ~1.8:1  | ~1.6:1  | ~1.6:1                          | ~1.9:1               |
| Efficiency (%)       | ~29.9   | ~42.8   | ~42.8                           | ~32.1                |
| Peak Gain (dBi)      | ~0.3  | ~2.7  | ~2.7                            | ~2.9                 |
| Average Gain (dB)    | ~-5.3   | ~-3.8   | ~-3.8                           | ~-4.9                |
| Impedance (Ohm)      | 50  |   |                                 |                      |
| Polarisation         | Linear  |   |                                 |                      |
| Radiation Pattern    | Omni-Directional  |   |                                 |                      |
| Max. Input Power (W) | 25  |   |                                 |                      |
| Connector Type       | SMA-Male Standard (Other Connectors Available)  |   |                                 |                      |
| Cable Length         | 300 cm Standard (Any Cable Length Available)  |   |                                 |                      |
| Cable Type           | D302 Standard (Other Cables Available)  |   |                                 |                      |

Cable 5

| Parameters                  | 5GNR Antenna  |   |                                 |                      |
|-----------------------------|---|---|---------------------------------|----------------------|
| <b>Technologies</b>         | 5G, 4G, 3G and 2G   |   |                                 |                      |
| <b>Standards</b>            | 5GNR/4GLTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G                                     |   |                                 |                      |
| <b>Frequency (MHz)</b>      | 617-960   | 1427-2690   | 3300-5000                       | 5150-5925            |
| <b>Band (MHz)</b>           | 600, 700, 850, 900  | 1500, 1600, 1700, 1800,<br>1900, 2000, 2100, 2300,<br>2500, 2600  | 3300, 3500, 3600,<br>3700, 4500 | 5200, 5500, 5800     |
| <b>5GNR Bands</b>           | n5, n8, 12, n20, n28, n71,<br>n81, n82, n83,  | n1, n2, n3, n7, n25, n34,<br>n38, n39, n40, n41, n50,<br>n51, n66, n70, n74, n75,<br>n76, n80, n84, n86   | n77, n78, n79                   |                      |
| <b>4GLTE Bands</b>          | B5, B6, B8, B12, B13, B14,<br>B17, B18, B19, B20, B26,<br>B27, B28, B29, B44, B67,<br>B68, B71, B85 | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B23, B24,<br>B25, B30, B32, B33, B34,<br>B35, B36, B37, B38, B39,<br>B40, B41, B45, B50, B51,<br>B65, B66, B69, B70, B74,<br>B75, B76 | B22, B42, B43, B48,<br>B49, B52 | B46, B47, B252, B255 |
| <b>3GCELL Bands</b>         | B5, B6, B8, B12, B13, B14,<br>B19, B20, B26   | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B25, B32,<br>B33, B34, B35, B36, B37,<br>B38, B39, B40  | B22                             |                      |
| <b>2GCELL Bands</b>         | 710, 750, 810T, 850, 900P,<br>900E, 900R  | 1800DCS, 1900PCS  |                                 |                      |
| <b>CDMACELL Bands</b>       | BC0, BC2, BC3, BC7, BC9,<br>BC10, BC12, BC18, BC19  | BC1, BC4, BC6, BC8,<br>BC13, BC14, BC15, BC16,<br>BC20, BC21  |                                 |                      |
| <b>Return Loss (dB)</b>     | ~-11.8  | ~-12.4  | ~-11.8                          | ~-10.7               |
| <b>VSWR</b>                 | ~1.8:1  | ~2.0:1  | ~1.9:1                          | ~1.9:1               |
| <b>Efficiency (%)</b>       | ~22.1   | ~27.1   | ~29.9                           | ~28.3                |
| <b>Peak Gain (dBi)</b>      | ~-0.6   | ~-0.6   | ~-2.0                           | ~-1.9                |
| <b>Average Gain (dB)</b>    | ~-6.6   | ~-5.8   | ~-5.3                           | ~-5.5                |
| <b>Impedance (Ohm)</b>      | 50  |   |                                 |                      |
| <b>Polarisation</b>         | Linear  |   |                                 |                      |
| <b>Radiation Pattern</b>    | Omni-Directional  |   |                                 |                      |
| <b>Max. Input Power (W)</b> | 25  |   |                                 |                      |
| <b>Connector Type</b>       | SMA-Male Standard (Other Connectors Available)  |   |                                 |                      |
| <b>Cable Length</b>         | 300 cm Standard (Any Cable Length Available)  |   |                                 |                      |
| <b>Cable Type</b>           | D302 Standard (Other Cables Available)  |   |                                 |                      |

**Cable 6**

| Parameters                  | 5GNR Antenna  |   |                                 |                      |
|-----------------------------|---|---|---------------------------------|----------------------|
| <b>Technologies</b>         | 5G, 4G, 3G and 2G   |   |                                 |                      |
| <b>Standards</b>            | 5GNR/4GLTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G                                     |   |                                 |                      |
| <b>Frequency (MHz)</b>      | 617-960   | 1427-2690   | 3300-5000                       | 5150-5925            |
| <b>Band (MHz)</b>           | 600, 700, 850, 900  | 1500, 1600, 1700, 1800,<br>1900, 2000, 2100, 2300,<br>2500, 2600  | 3300, 3500, 3600,<br>3700, 4500 | 5200, 5500, 5800     |
| <b>5GNR Bands</b>           | n5, n8, 12, n20, n28, n71,<br>n81, n82, n83,  | n1, n2, n3, n7, n25, n34,<br>n38, n39, n40, n41, n50,<br>n51, n66, n70, n74, n75,<br>n76, n80, n84, n86   | n77, n78, n79                   |                      |
| <b>4GLTE Bands</b>          | B5, B6, B8, B12, B13, B14,<br>B17, B18, B19, B20, B26,<br>B27, B28, B29, B44, B67,<br>B68, B71, B85 | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B23, B24,<br>B25, B30, B32, B33, B34,<br>B35, B36, B37, B38, B39,<br>B40, B41, B45, B50, B51,<br>B65, B66, B69, B70, B74,<br>B75, B76 | B22, B42, B43, B48,<br>B49, B52 | B46, B47, B252, B255 |
| <b>3GCELL Bands</b>         | B5, B6, B8, B12, B13, B14,<br>B19, B20, B26   | B1, B2, B3, B4, B7, B9,<br>B10, B11, B21, B25, B32,<br>B33, B34, B35, B36, B37,<br>B38, B39, B40  | B22                             |                      |
| <b>2GCELL Bands</b>         | 710, 750, 810T, 850, 900P,<br>900E, 900R  | 1800DCS, 1900PCS  |                                 |                      |
| <b>CDMACELL Bands</b>       | BC0, BC2, BC3, BC7, BC9,<br>BC10, BC12, BC18, BC19  | BC1, BC4, BC6, BC8,<br>BC13, BC14, BC15, BC16,<br>BC20, BC21  |                                 |                      |
| <b>Return Loss (dB)</b>     | ~-12.6  | ~-16.6  | ~-13.9                          | ~-13.1               |
| <b>VSWR</b>                 | ~1.7:1  | ~1.6:1  | ~1.7:1                          | ~1.6:1               |
| <b>Efficiency (%)</b>       | ~33.8   | ~42.4   | ~34.0                           | ~33.9                |
| <b>Peak Gain (dBi)</b>      | ~1.6  | ~3.8  | ~4.3                            | ~4.4                 |
| <b>Average Gain (dB)</b>    | ~-4.8   | ~-3.8   | ~-4.7                           | ~-4.7                |
| <b>Impedance (Ohm)</b>      | 50  |   |                                 |                      |
| <b>Polarisation</b>         | Linear  |   |                                 |                      |
| <b>Radiation Pattern</b>    | Omni-Directional  |   |                                 |                      |
| <b>Max. Input Power (W)</b> | 25  |   |                                 |                      |
| <b>Connector Type</b>       | SMA-Male Standard (Other Connectors Available)  |   |                                 |                      |
| <b>Cable Length</b>         | 300 cm Standard (Any Cable Length Available)  |   |                                 |                      |
| <b>Cable Type</b>           | D302 Standard (Other Cables Available)  |   |                                 |                      |

**Antenna Measurement Conditions:**

Mounted on Plastic Plate of 30 x 30 x 0.25 cm

100 cm of Cable D302

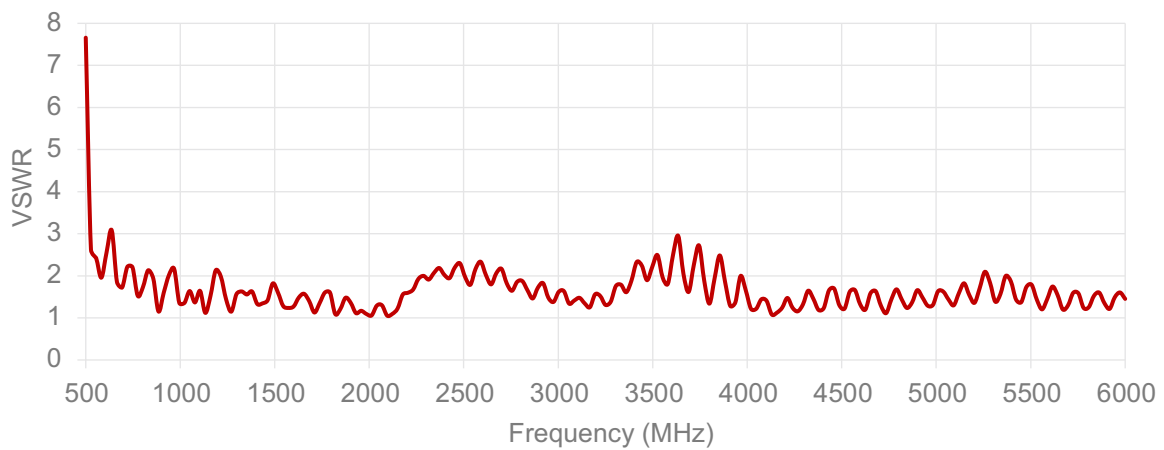
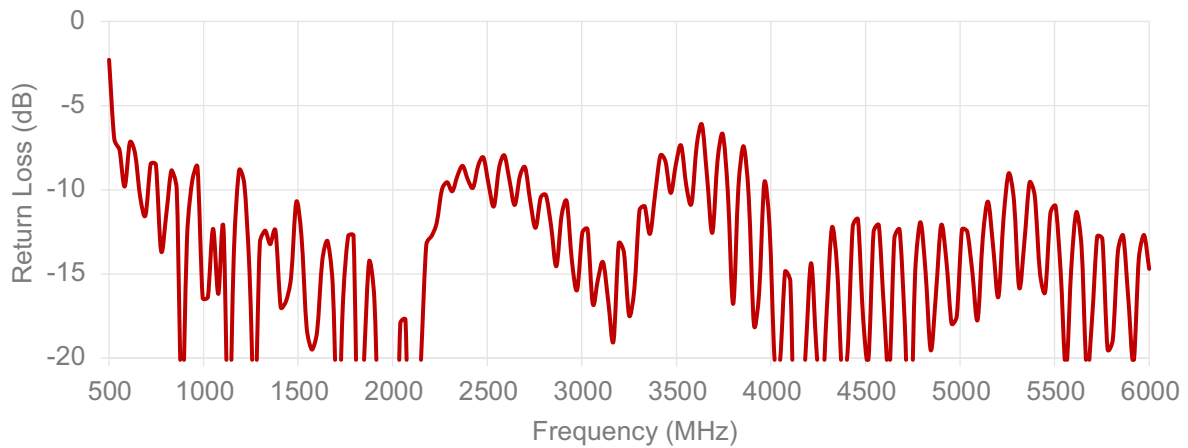
Measured in Certified CTIA 3D Anechoic Chamber

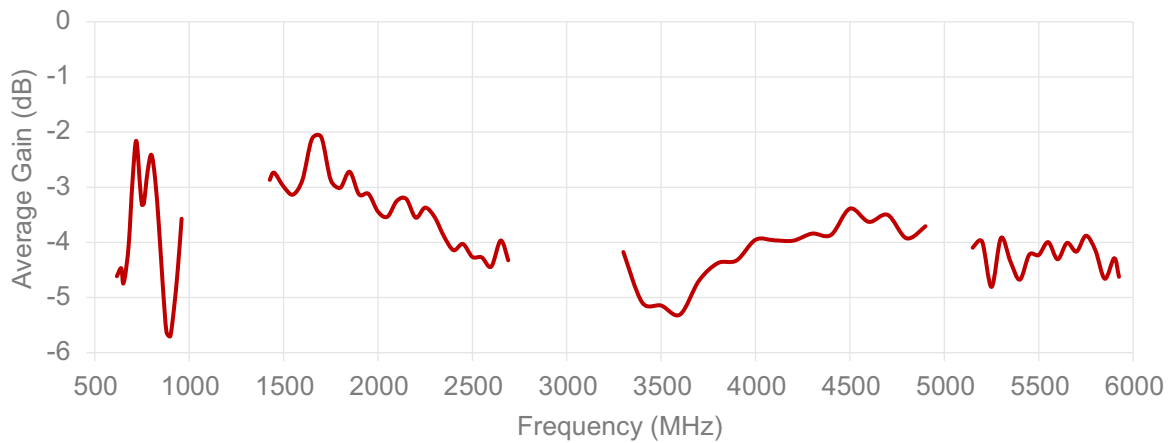
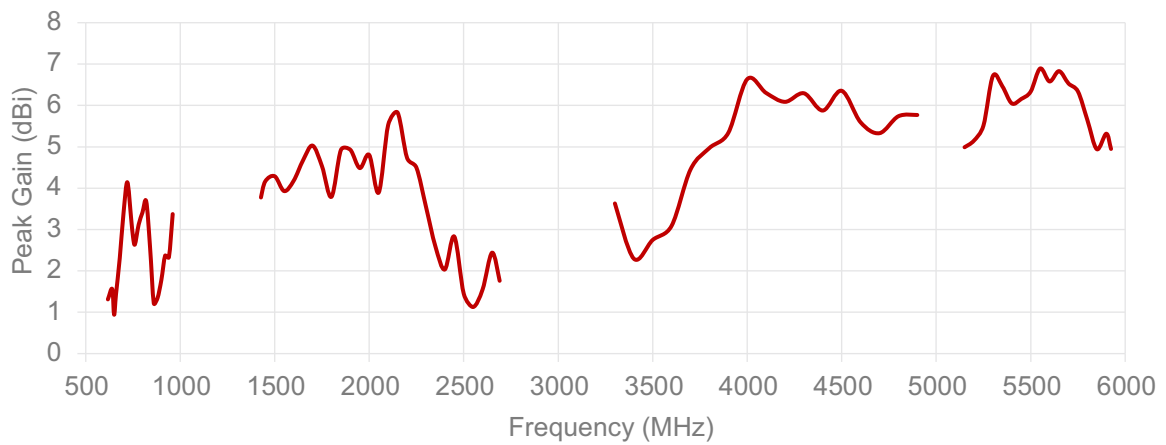
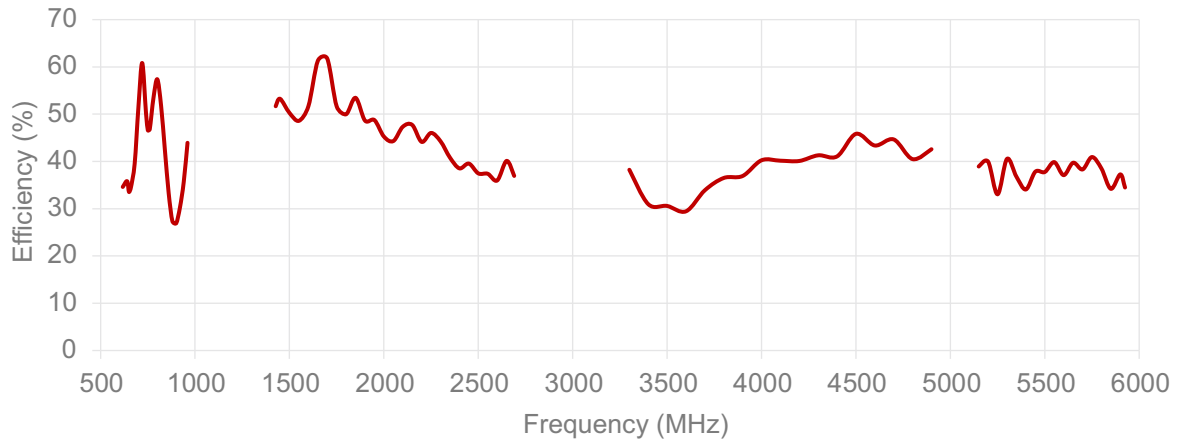
## 2. Mechanical and environmental specifications

| Specifications                   | 2J4H83Pe         |
|----------------------------------|------------------|
| <b>Mounting Type</b>             | Adhesive Mount   |
| <b>Dimensions (mm)</b>           | 198 x 127 x 15.7 |
| <b>Radome Type</b>               | ASA              |
| <b>Radome color</b>              | Black            |
| <b>Operating Temperature (C)</b> | -40 to +85       |
| <b>Storage Temperature (C)</b>   | -40 to +85       |
| <b>Substance Compliance</b>      | RoHS             |
| <b>Certificates</b>              | IP67, IP69, CE   |

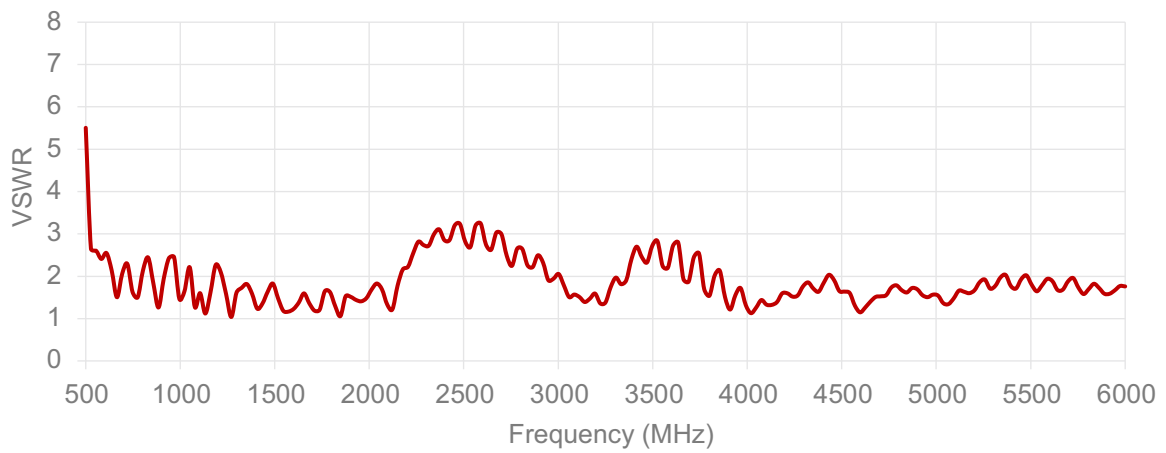
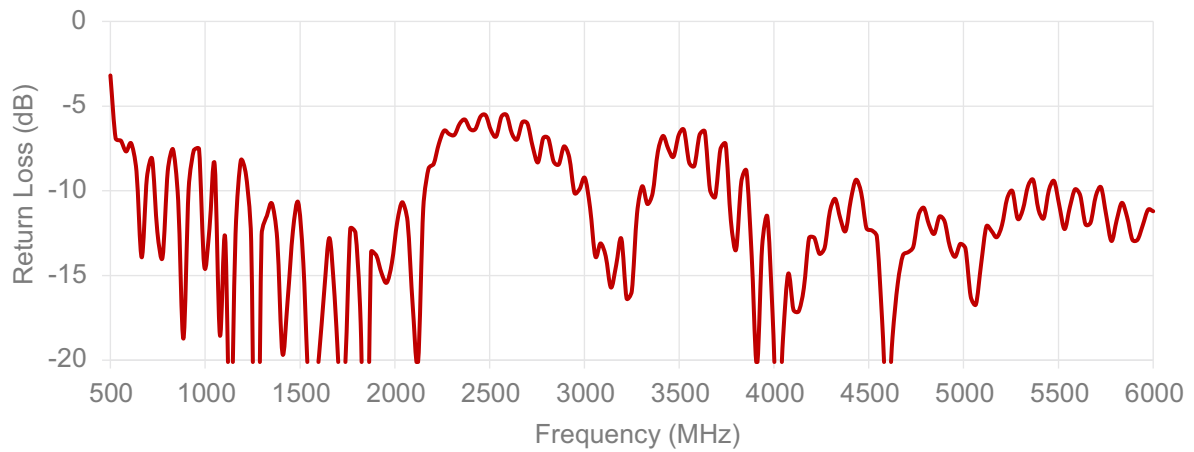
## 3. Antenna parameters

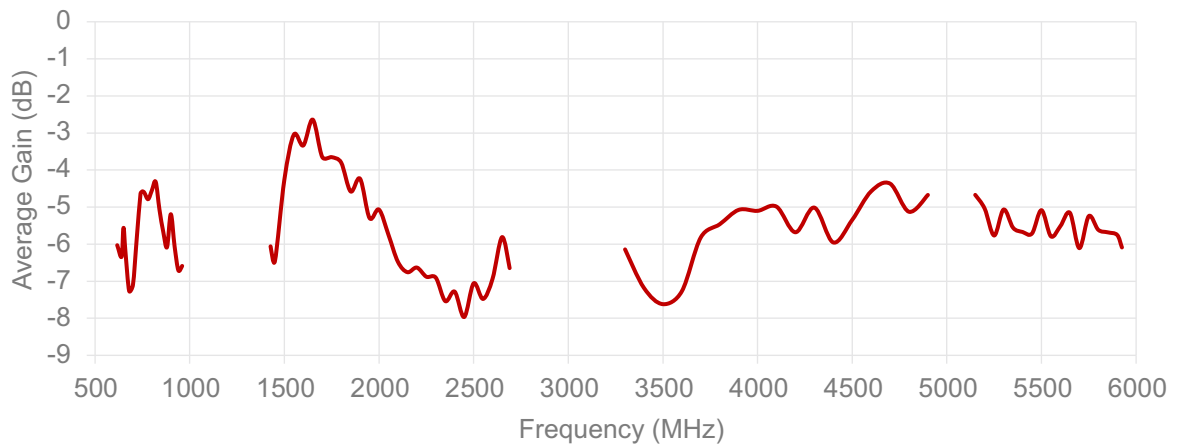
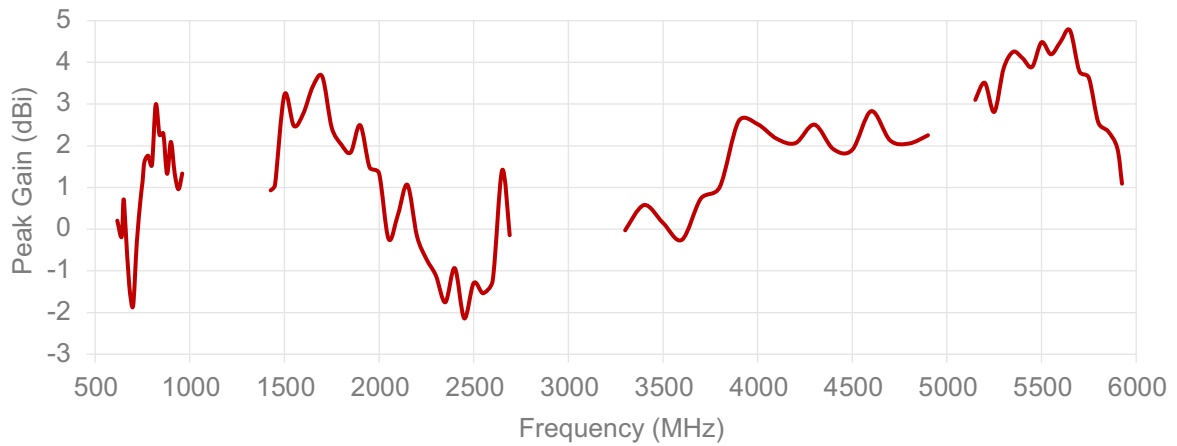
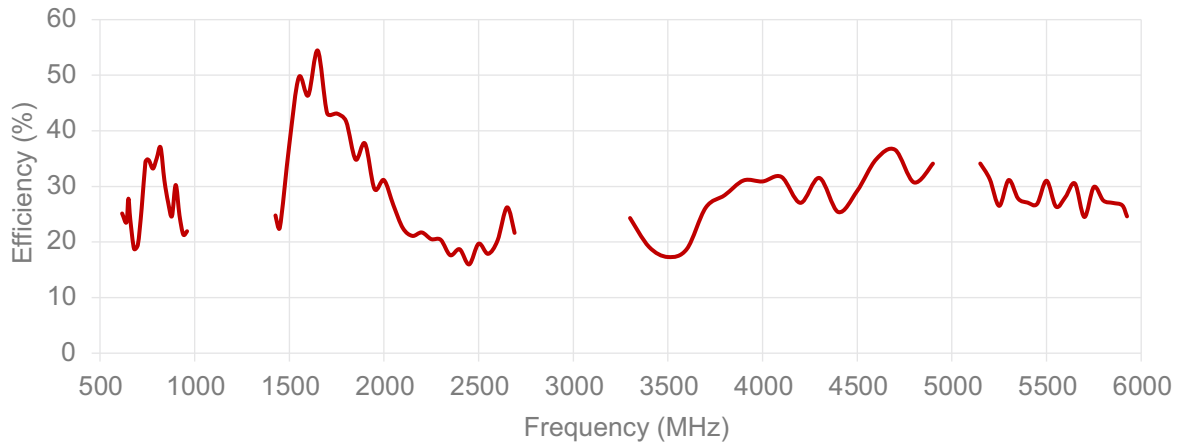
Cable 1: 5GNR



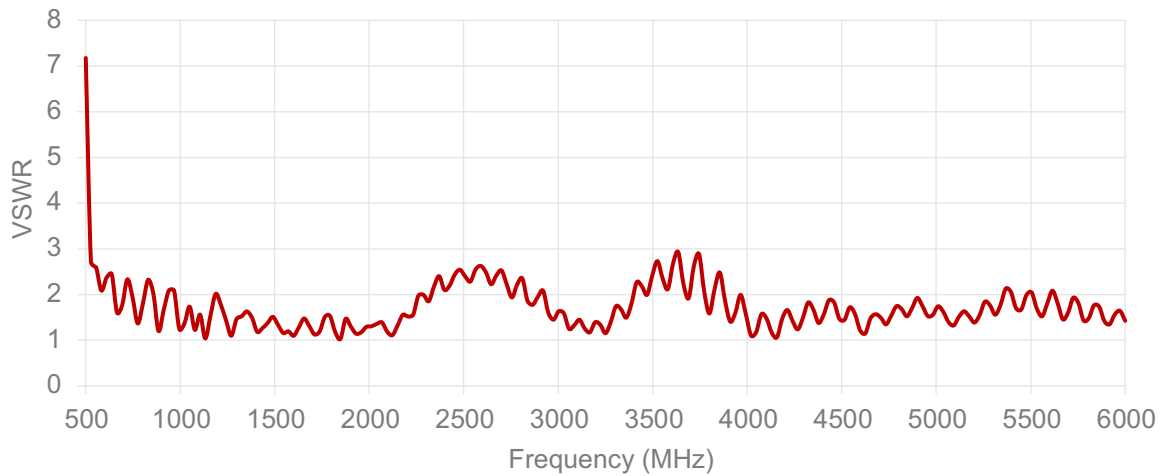
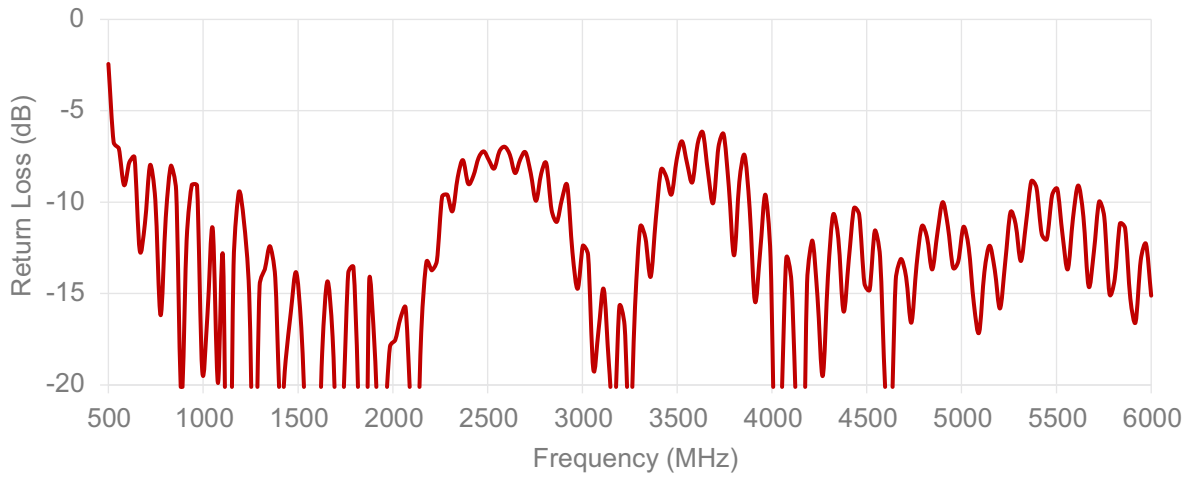


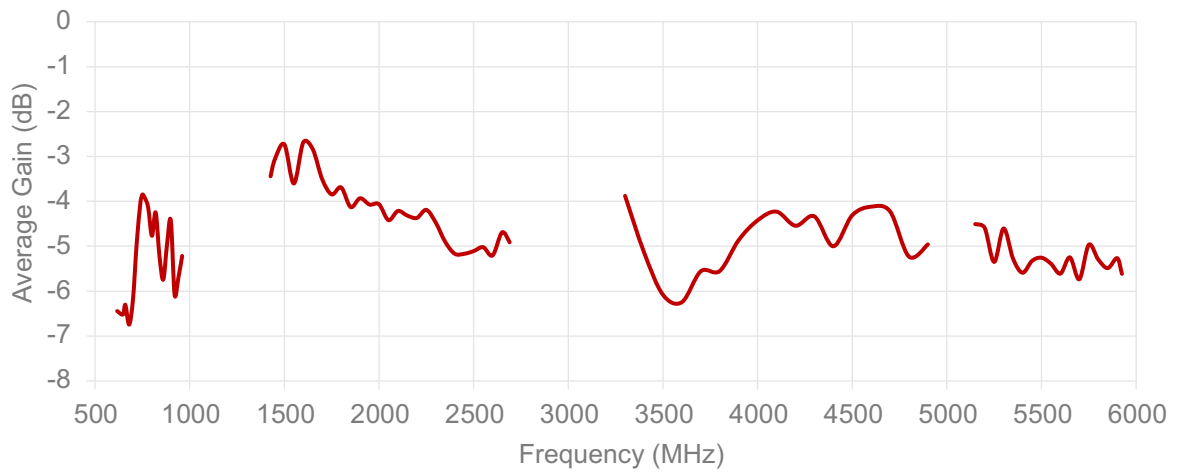
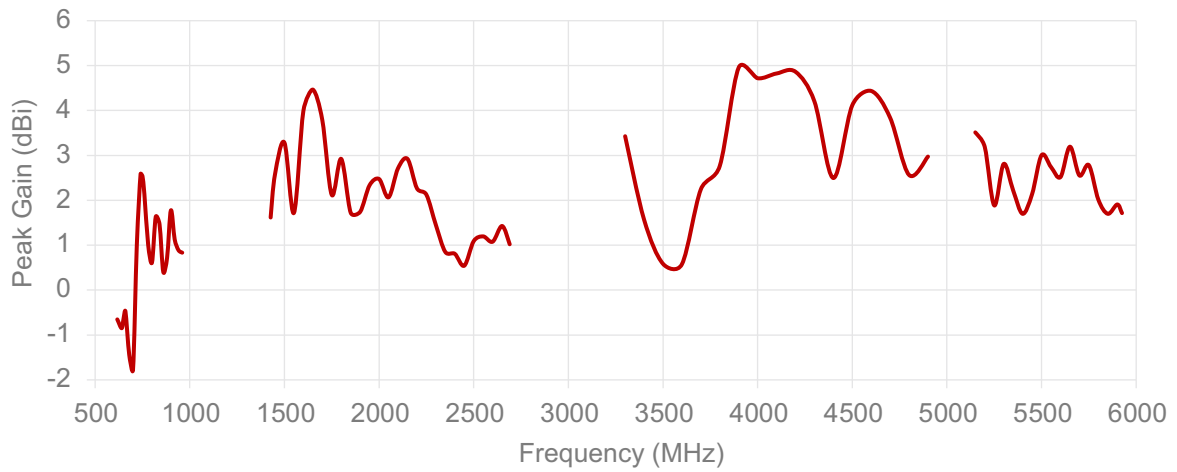
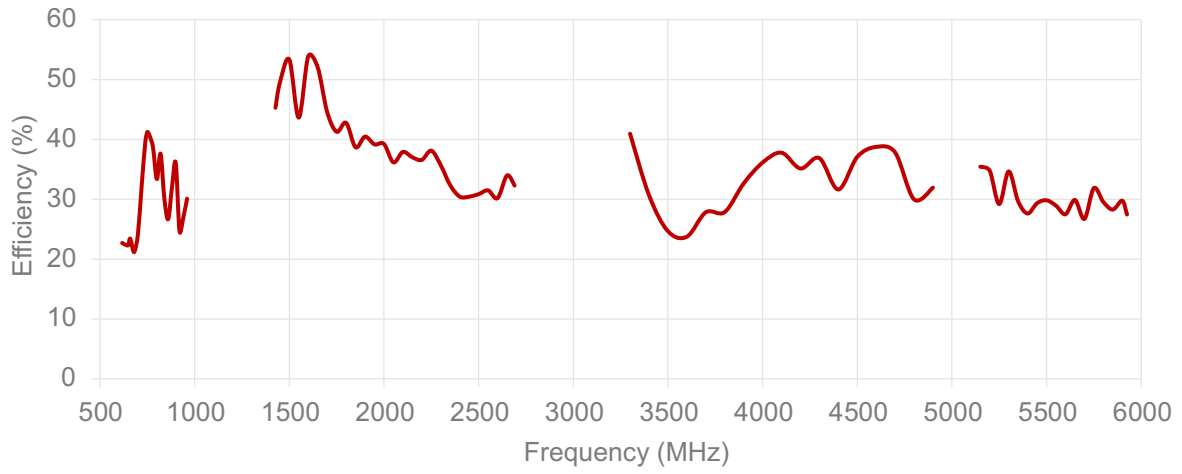
Cable 2: 5GNR



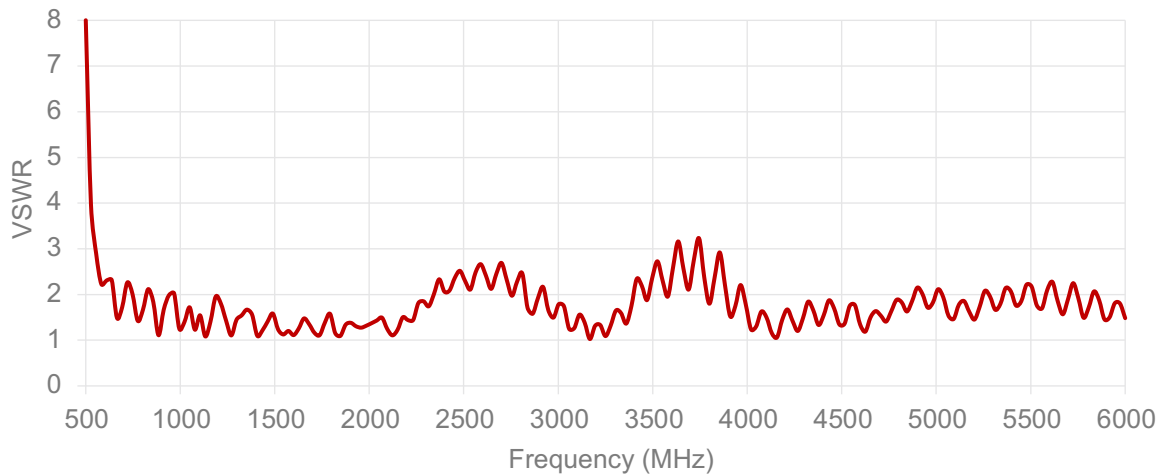
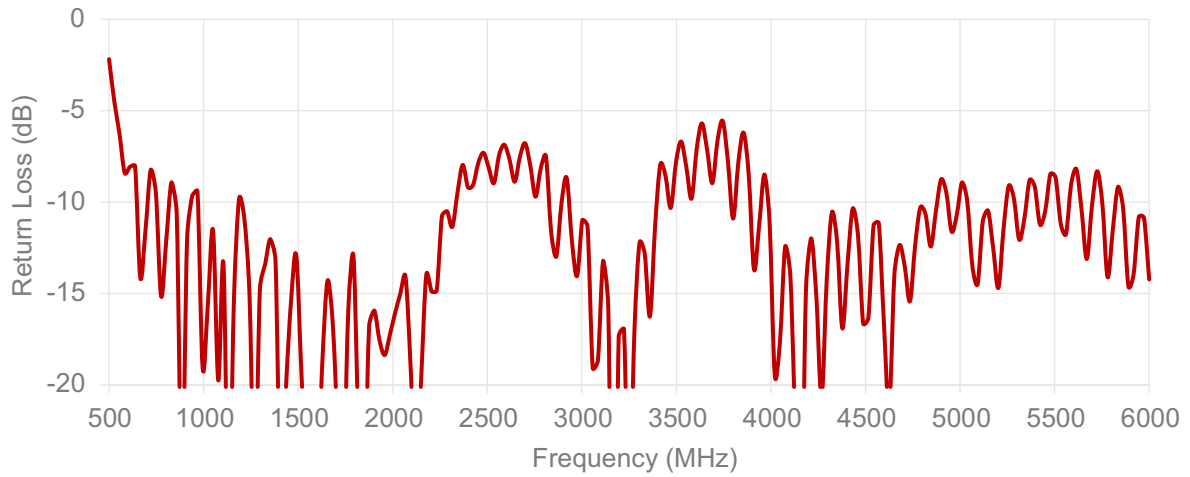


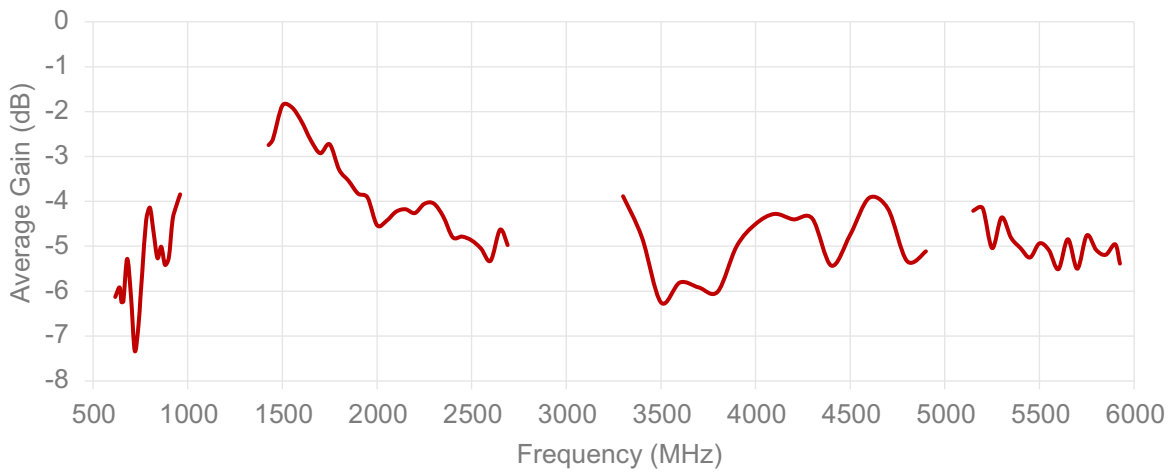
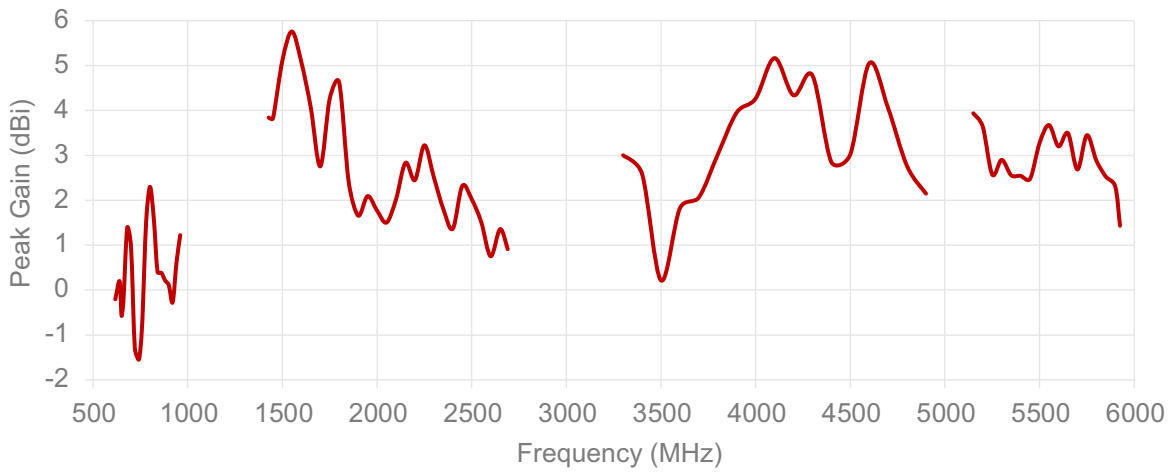
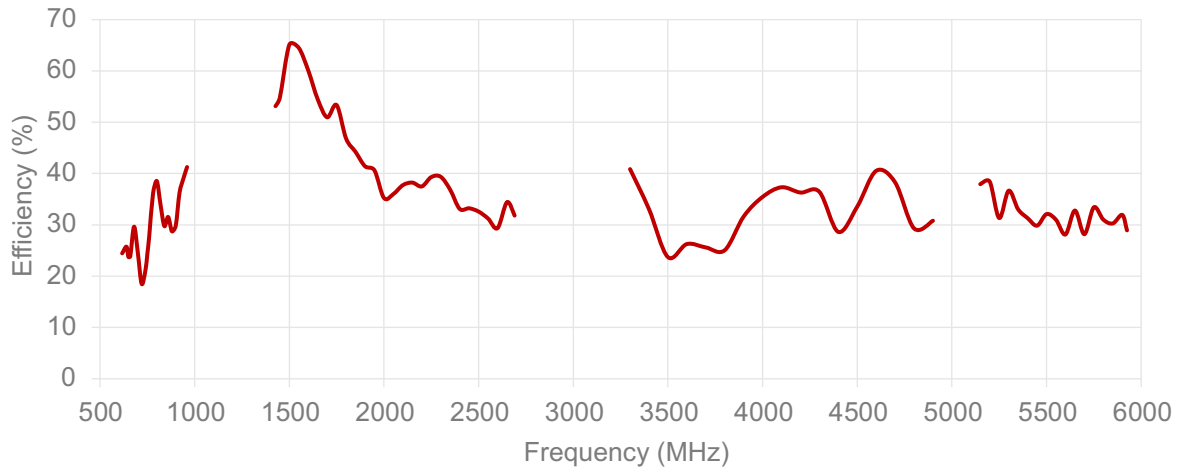
Cable 3: 5GNR



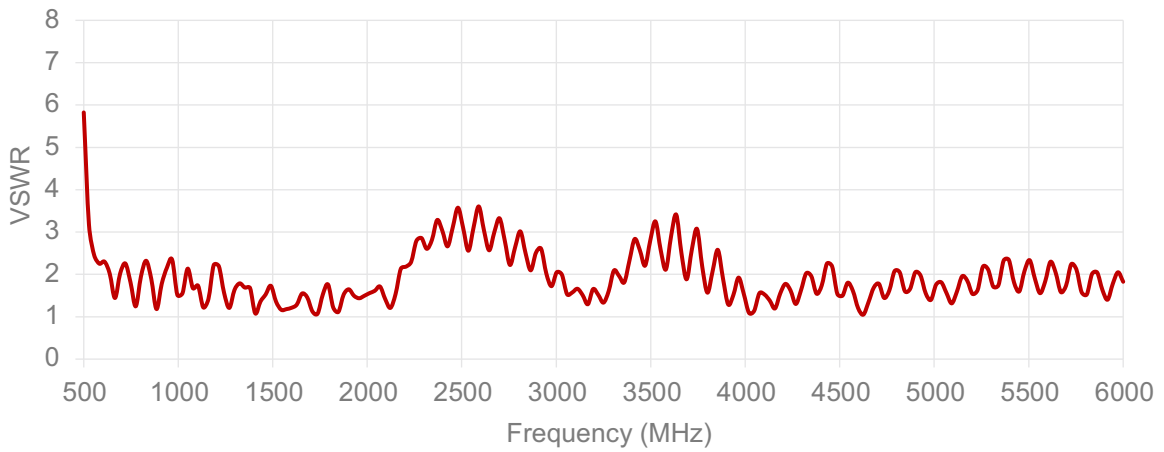
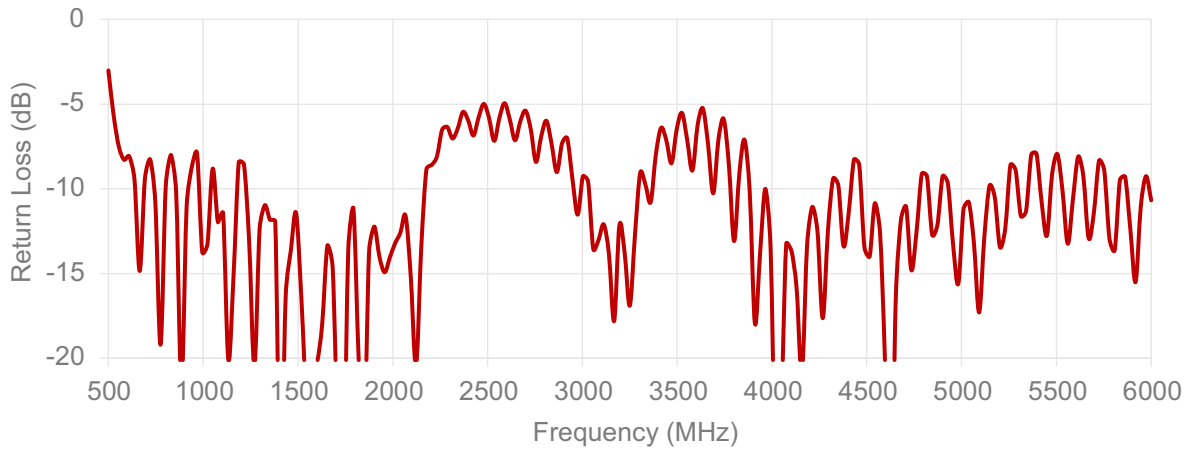


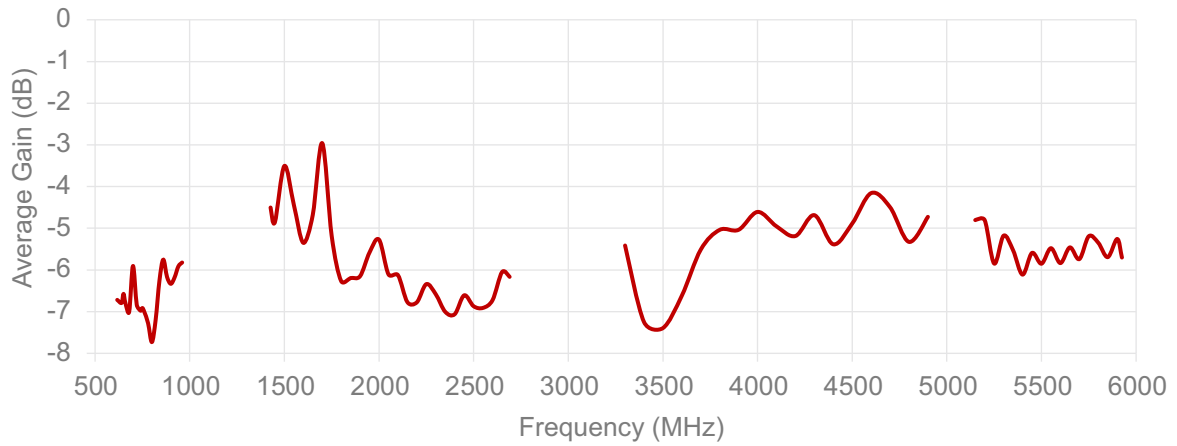
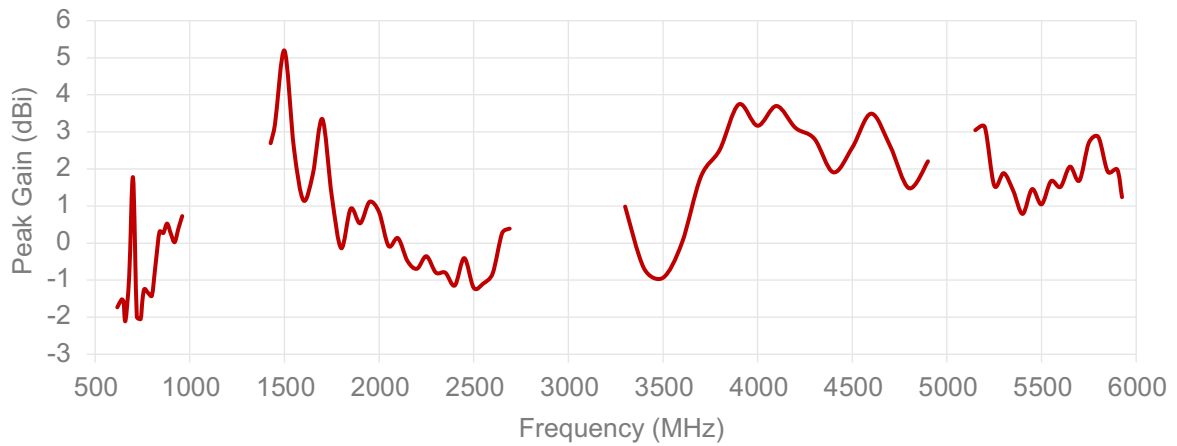
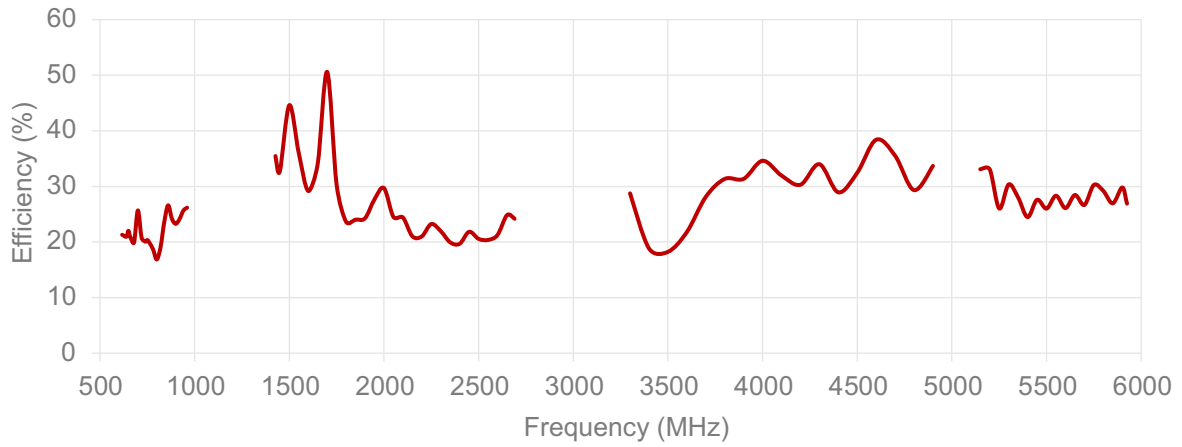
Cable 4: 5GNR



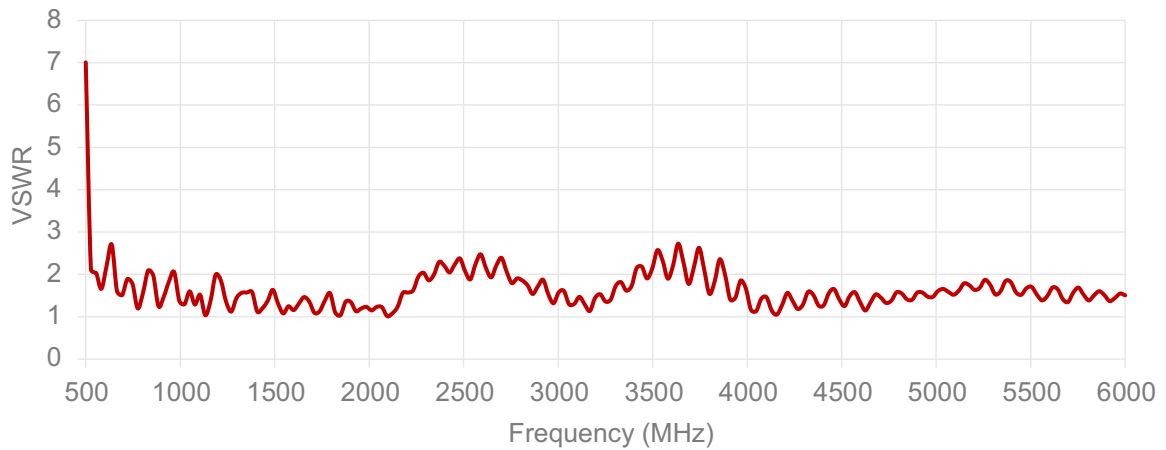
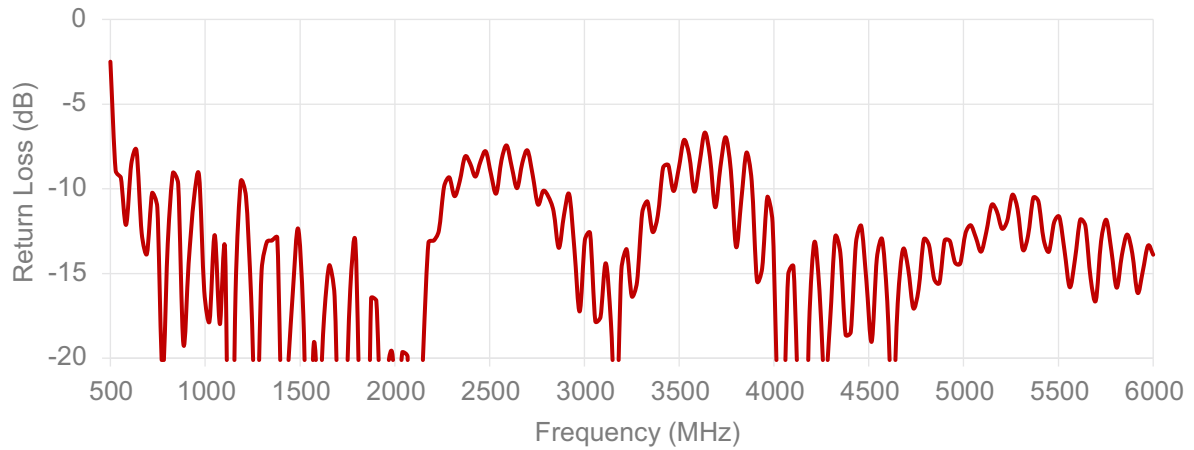


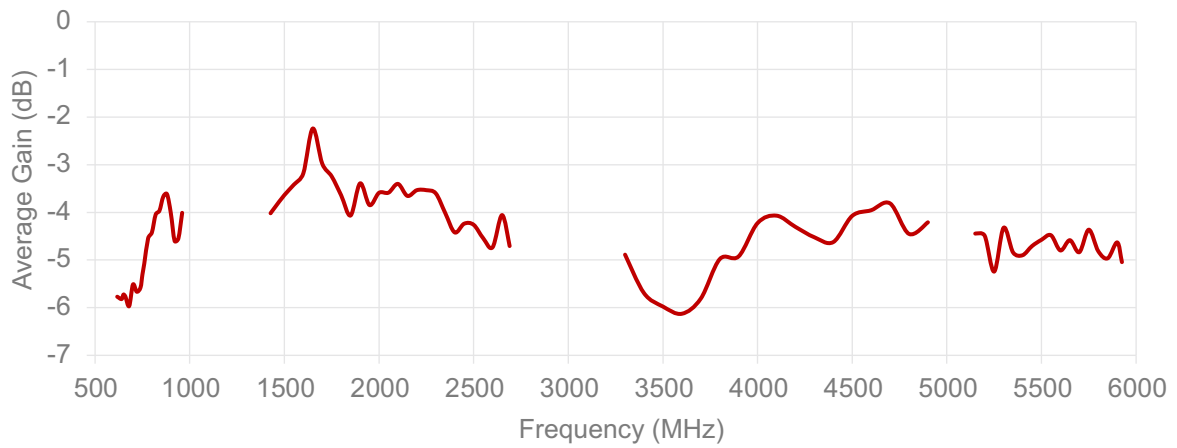
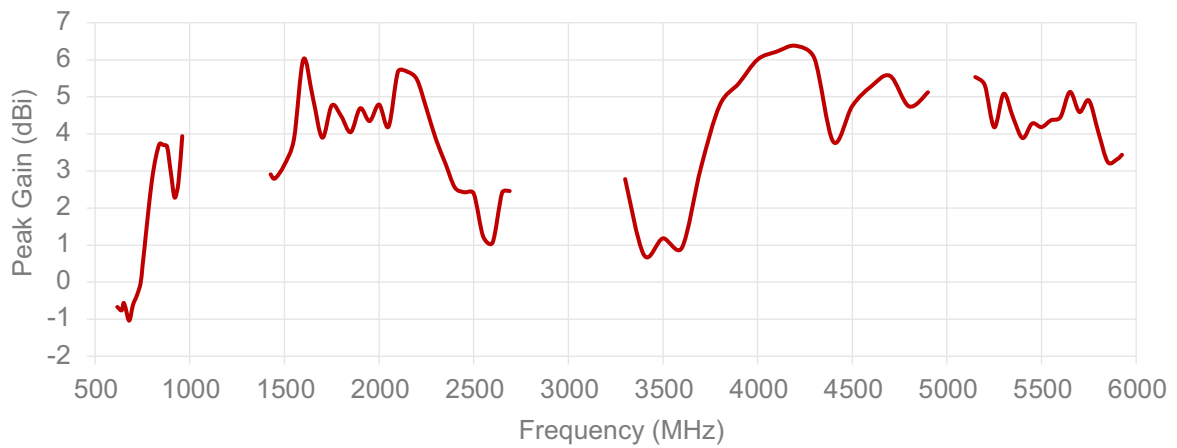
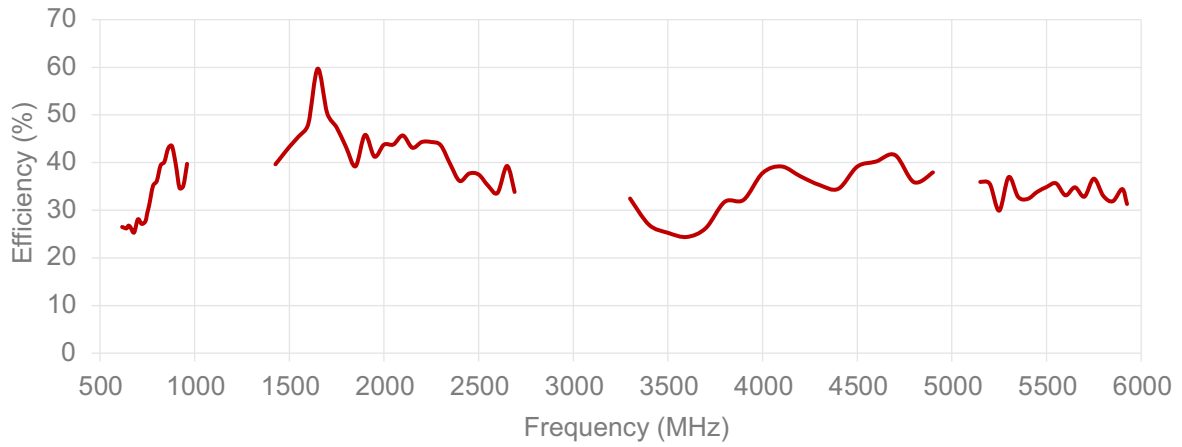
Cable 5: 5GNR



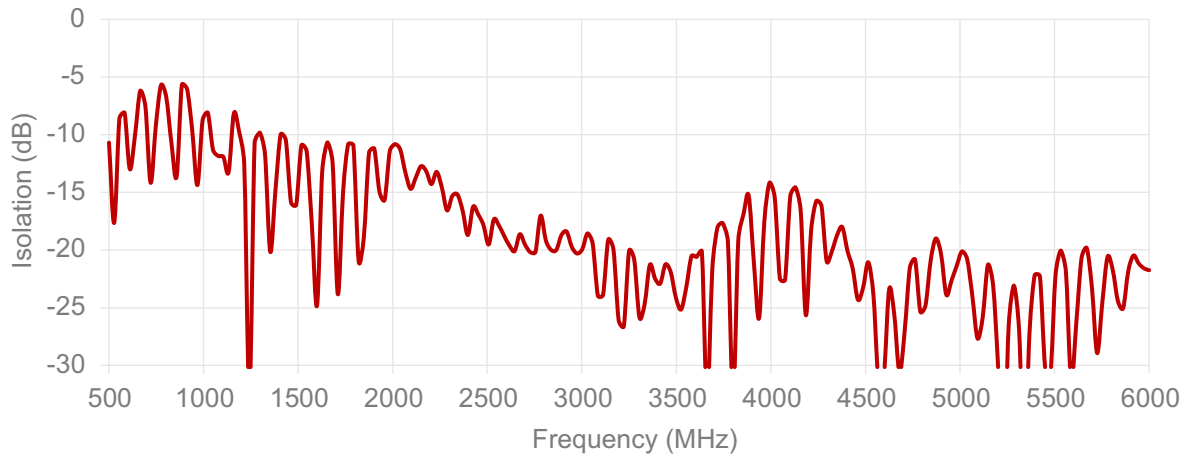


Cable 6: 5GNR

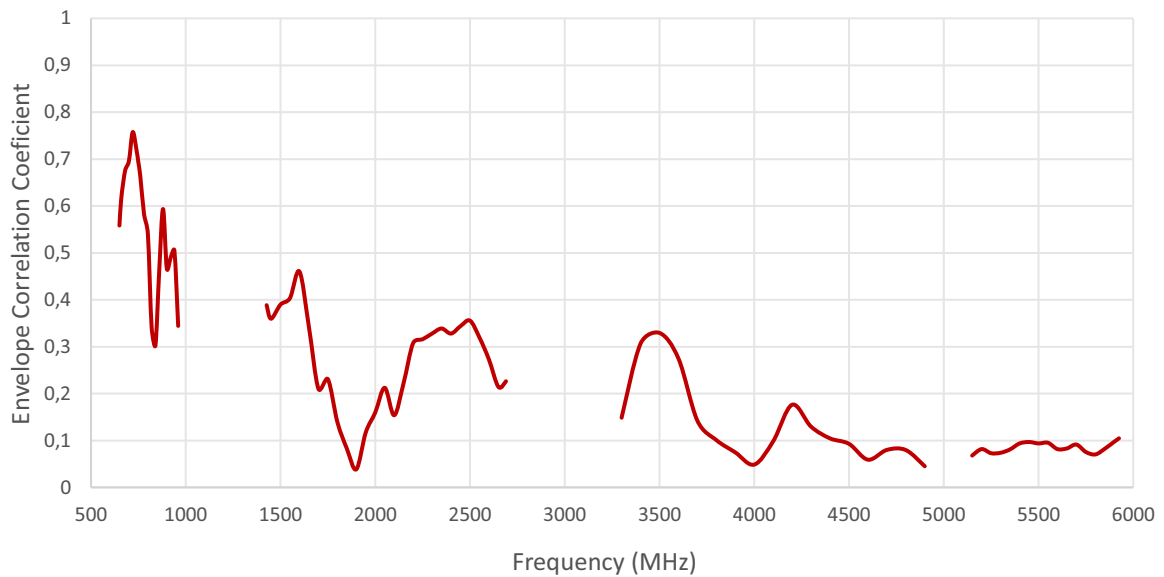




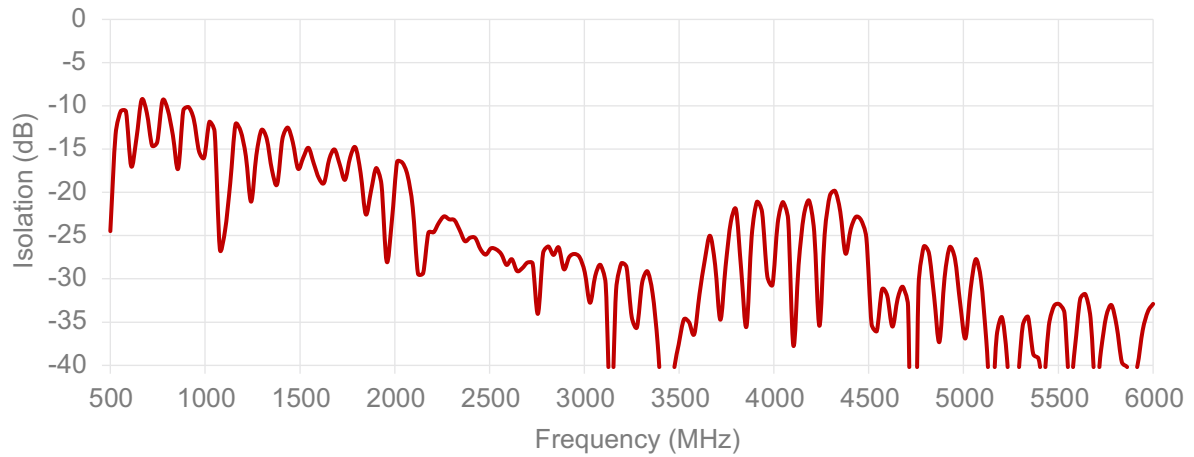
## ISOLATION FOR CABLES 1 AND 2



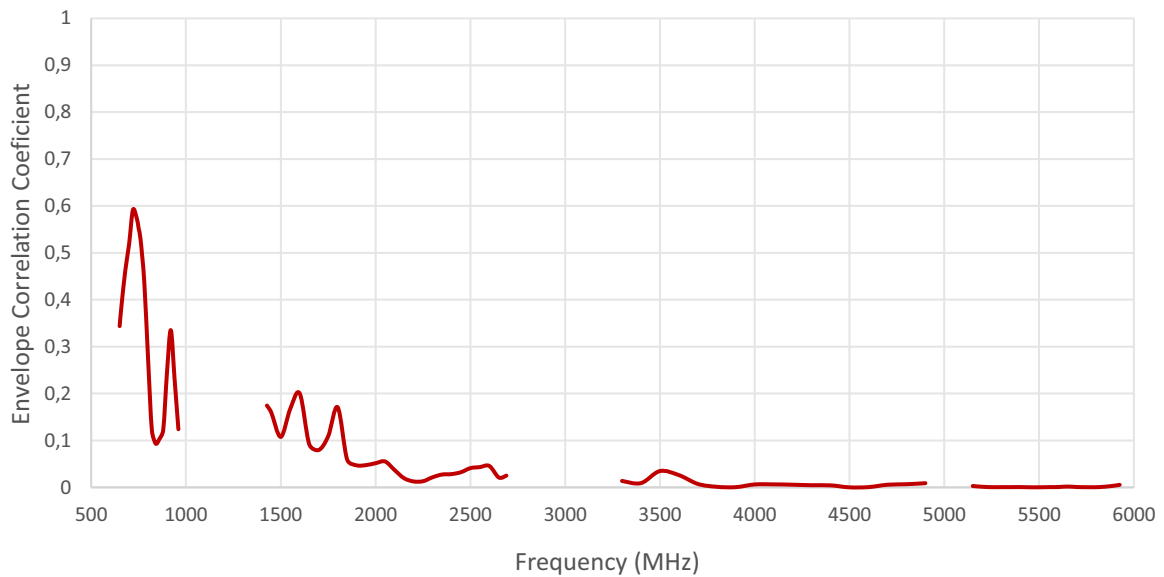
## ENVELOPE CORRELATION COEFFICIENT FOR CABLES 1 AND 2



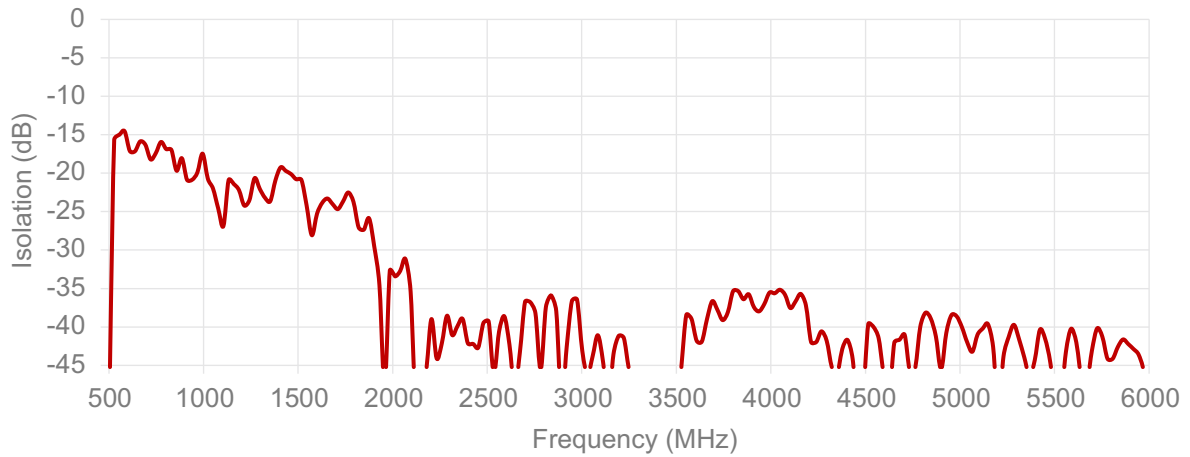
## ISOLATION FOR CABLES 1 AND 3



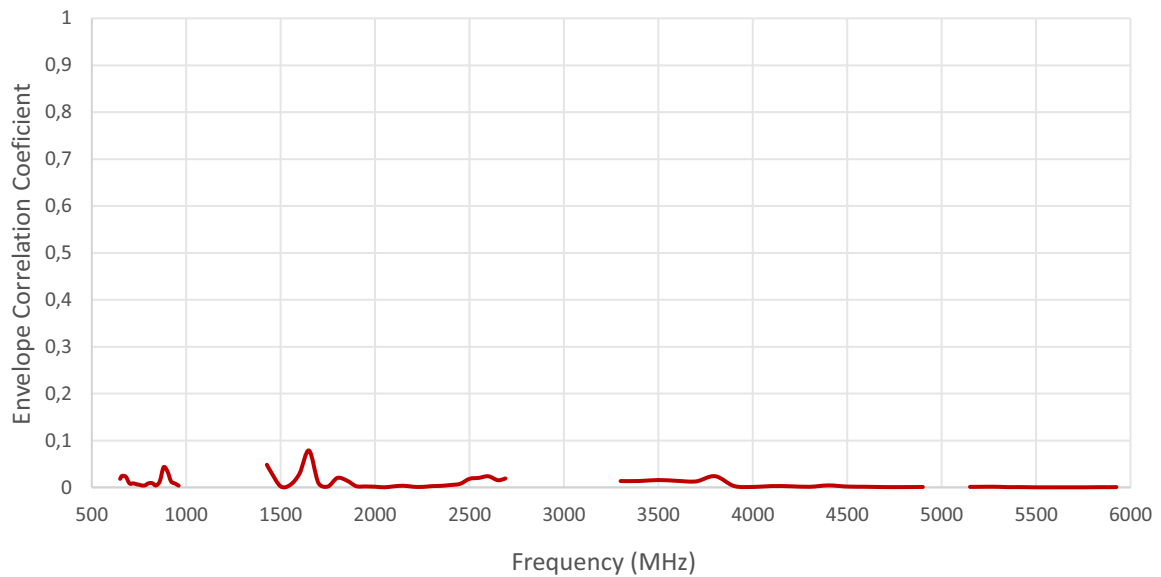
## ENVELOPE CORRELATION COEFFICIENT FOR CABLES 1 AND 3



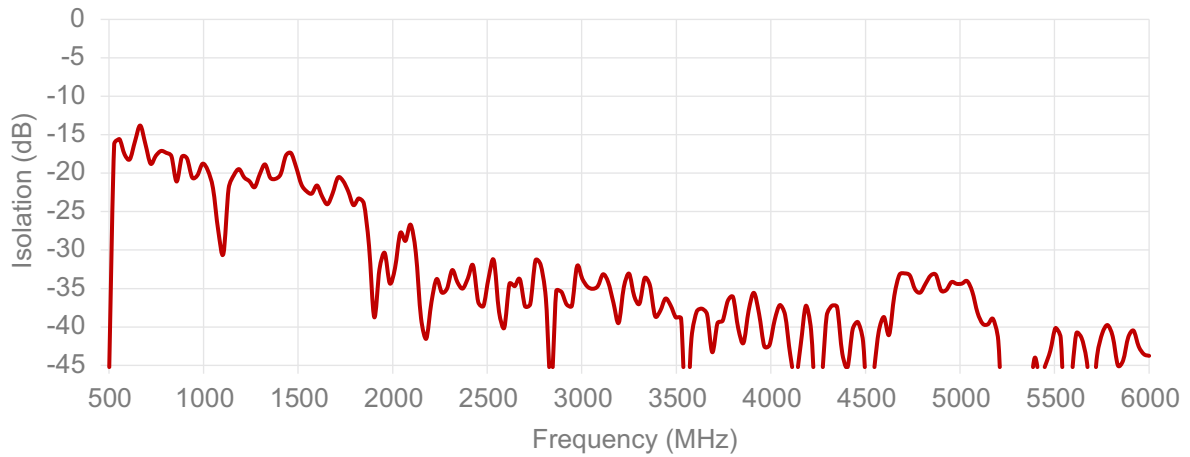
## ISOLATION FOR CABLES 1 AND 6



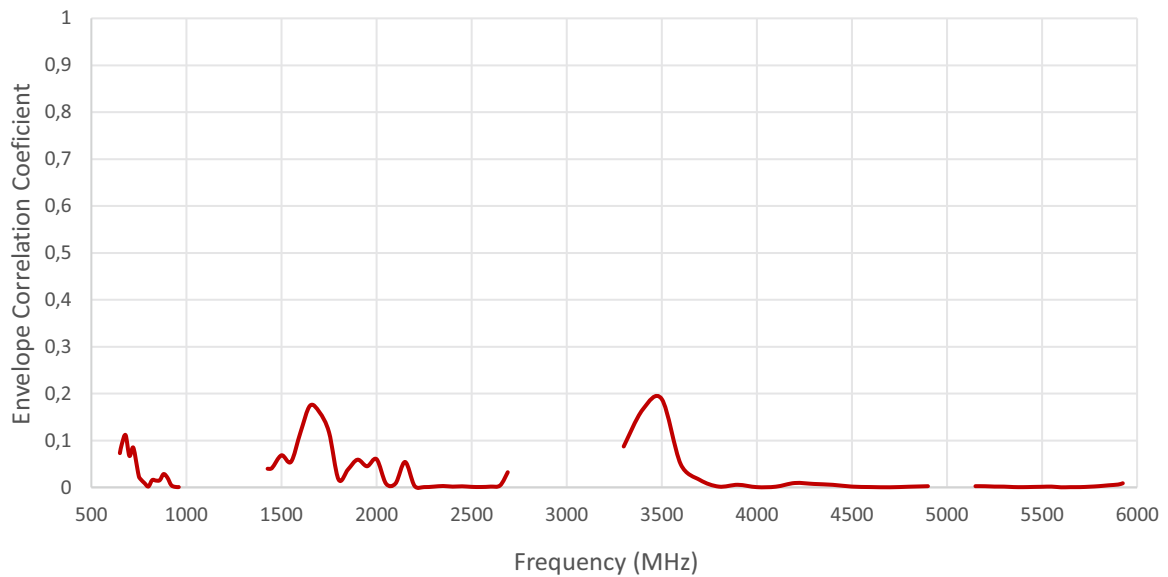
## ENVELOPE CORRELATION COEFFICIENT FOR CABLES 1 AND 6



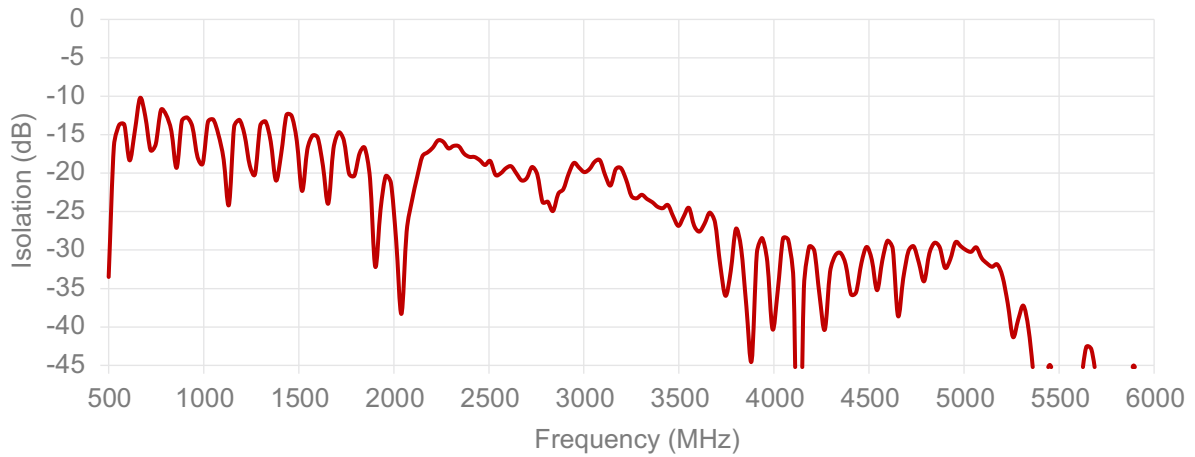
## ISOLATION FOR CABLES 2 AND 5



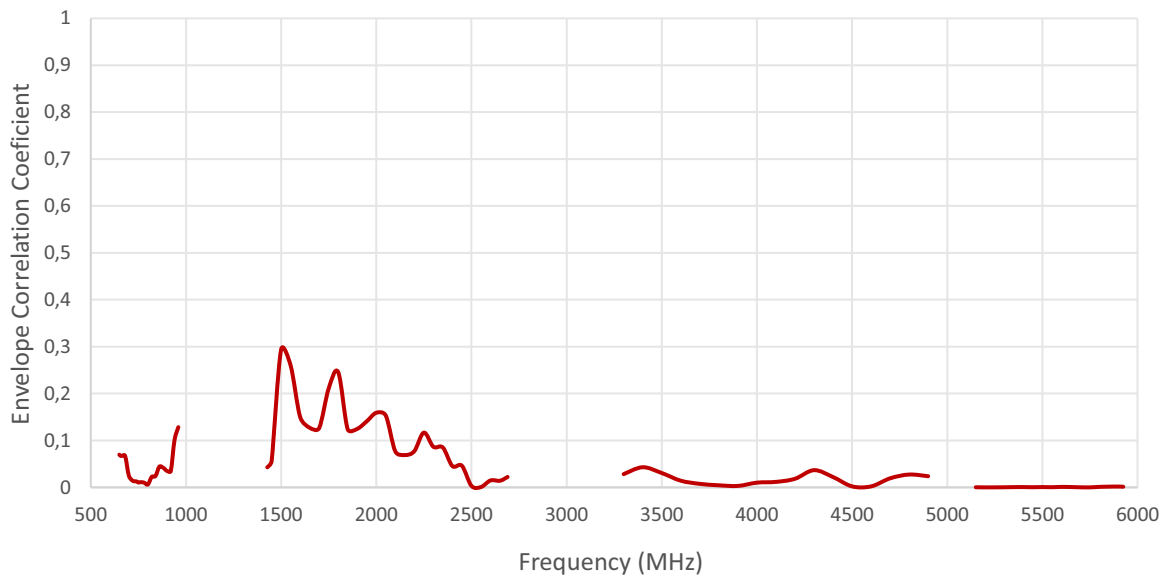
## ENVELOPE CORRELATION COEFFICIENT FOR CABLES 2 AND 5

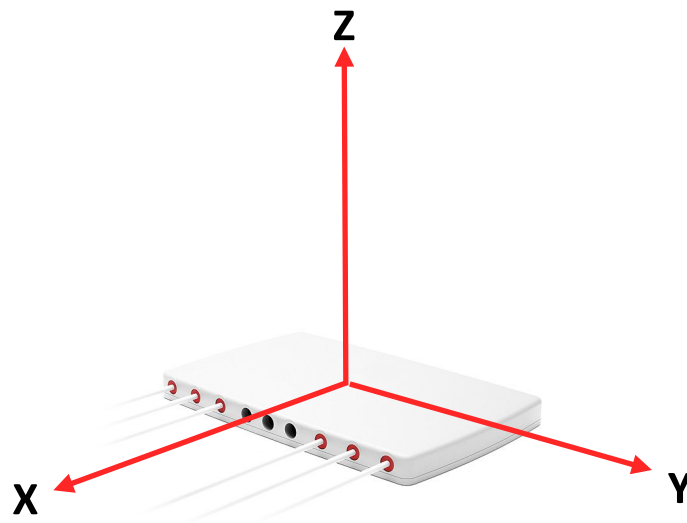


## ISOLATION FOR CABLES 3 AND 4



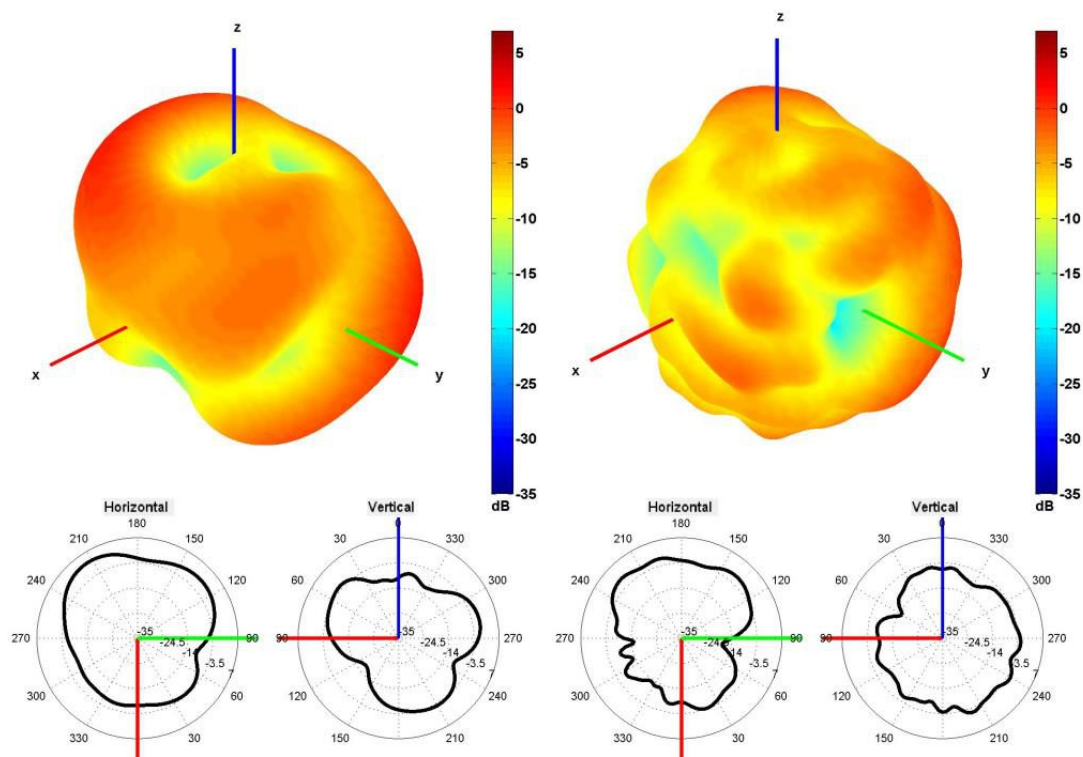
## ENVELOPE CORRELATION COEFFICIENT FOR CABLES 3 AND 4



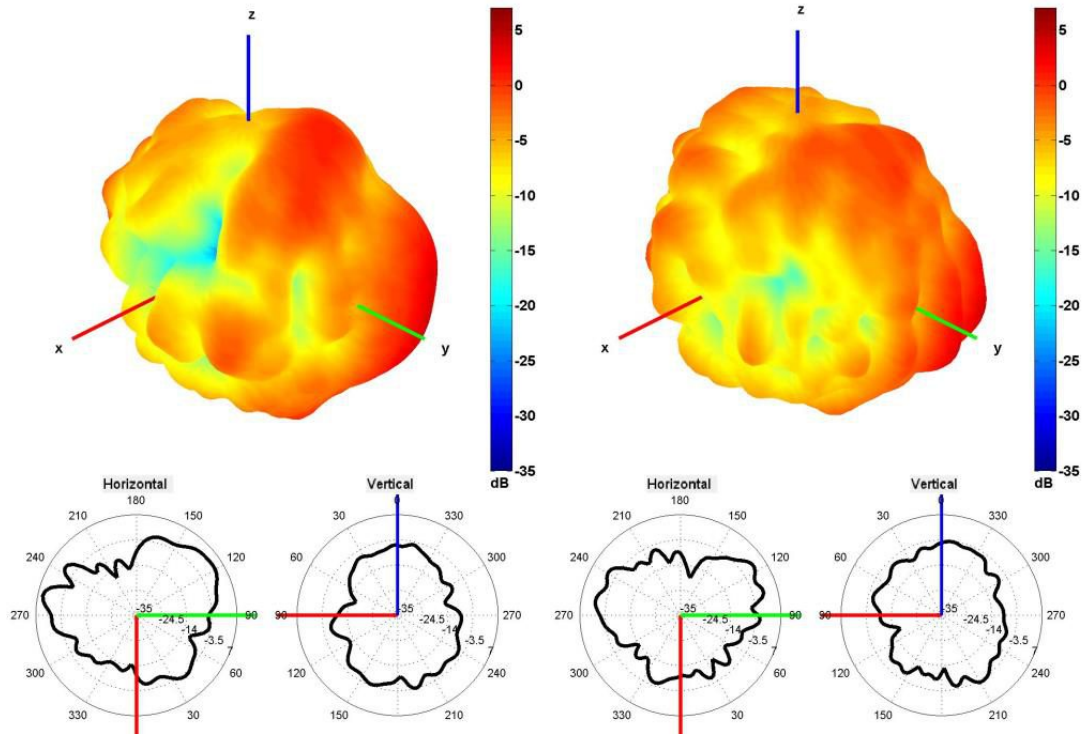


Radiation pattern reference

Cable 1: 5GNR

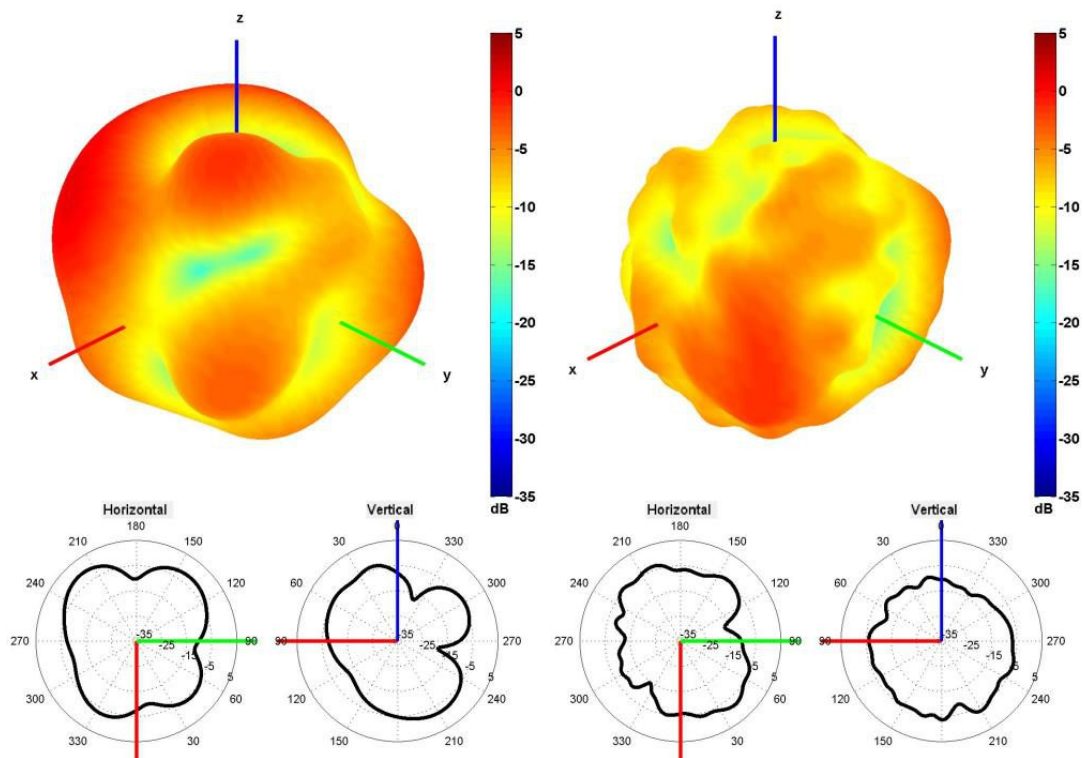


750 and 2500 MHz Radiation pattern

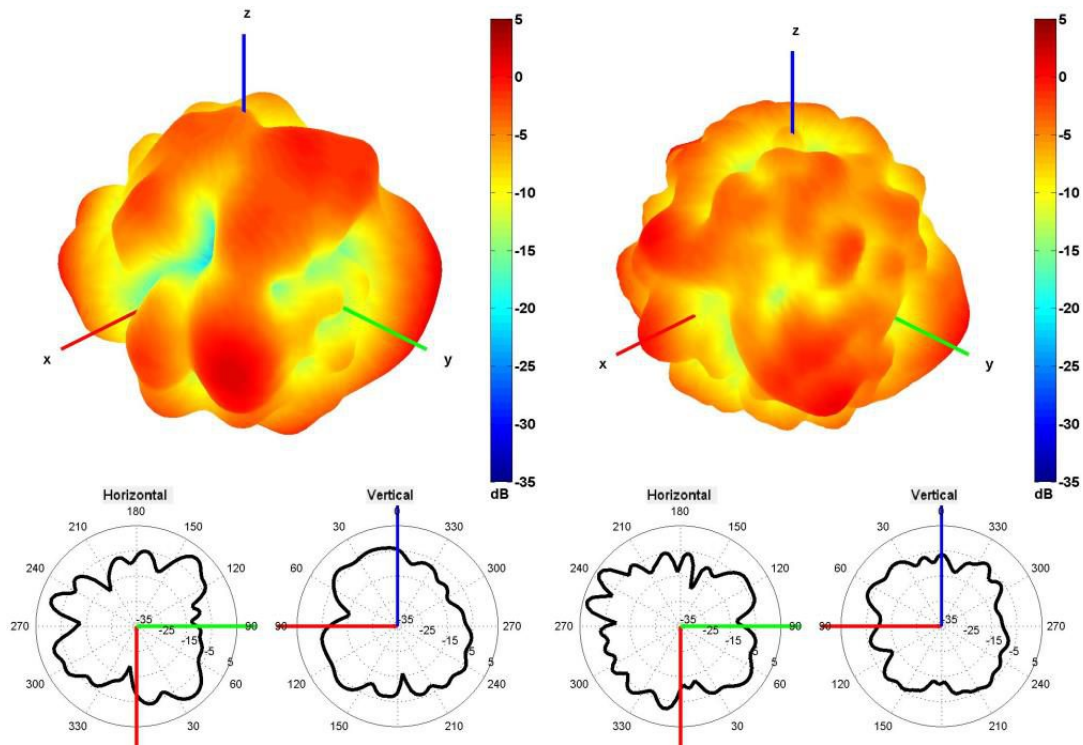


4500 and 5500 MHz Radiation pattern

Cable 2: 5GNR

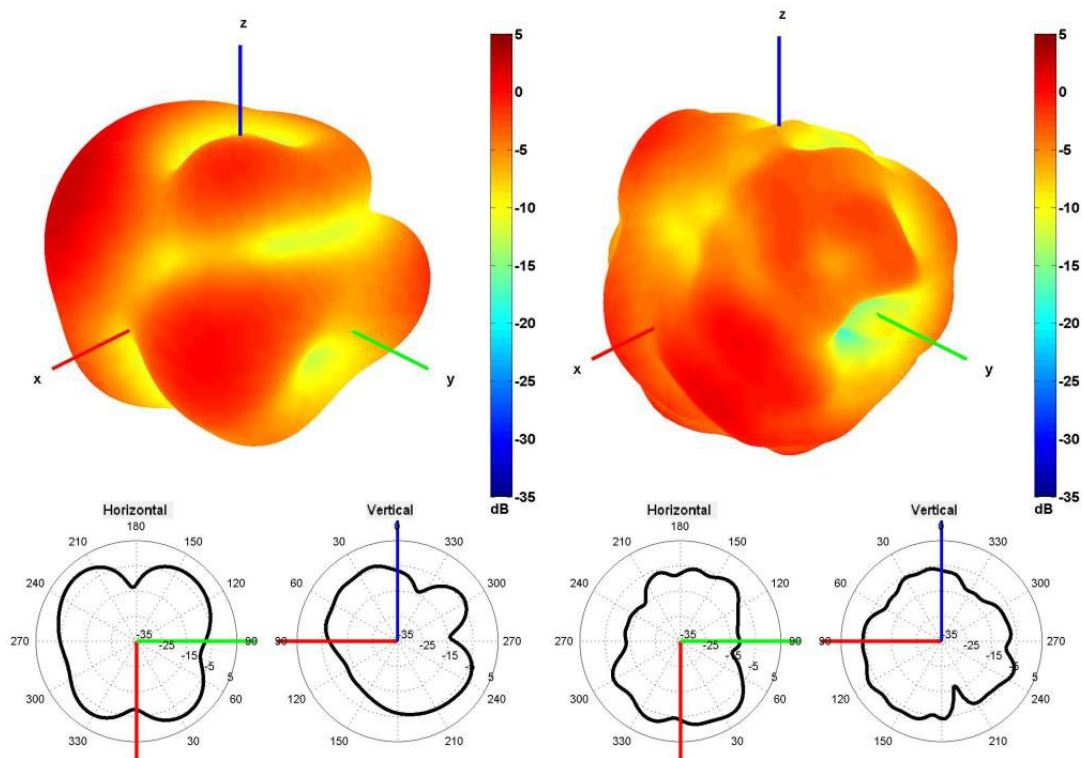


750 and 2500 MHz Radiation pattern

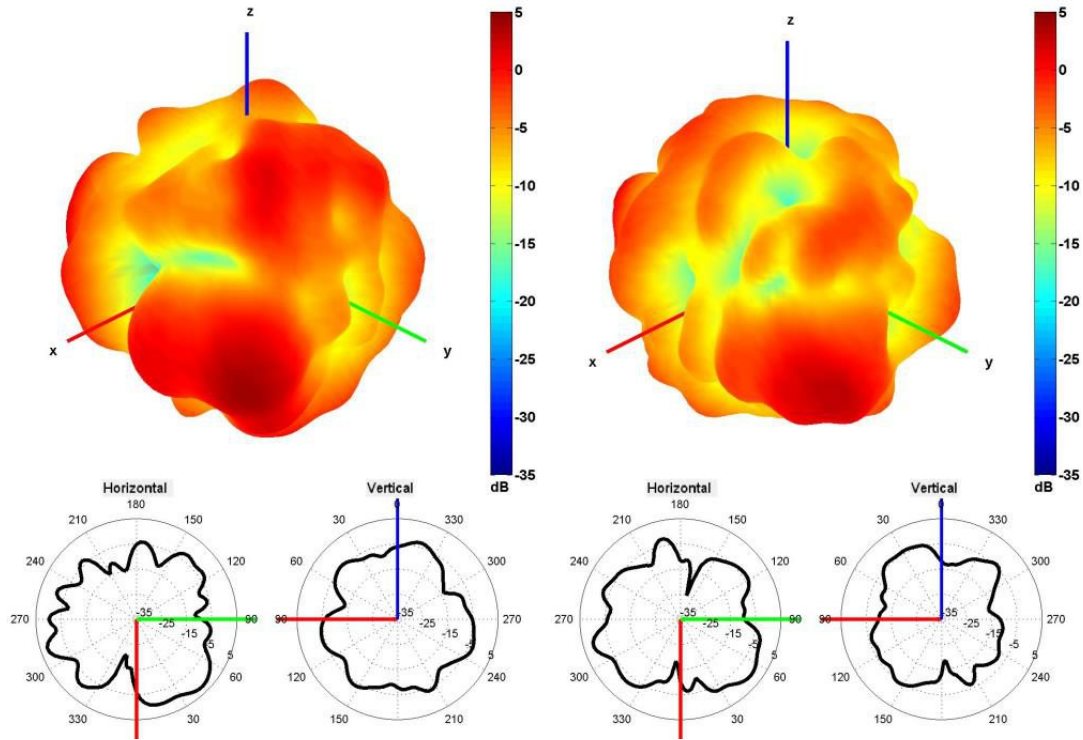


4500 and 5500 MHz Radiation pattern

Cable 3: 5GNR

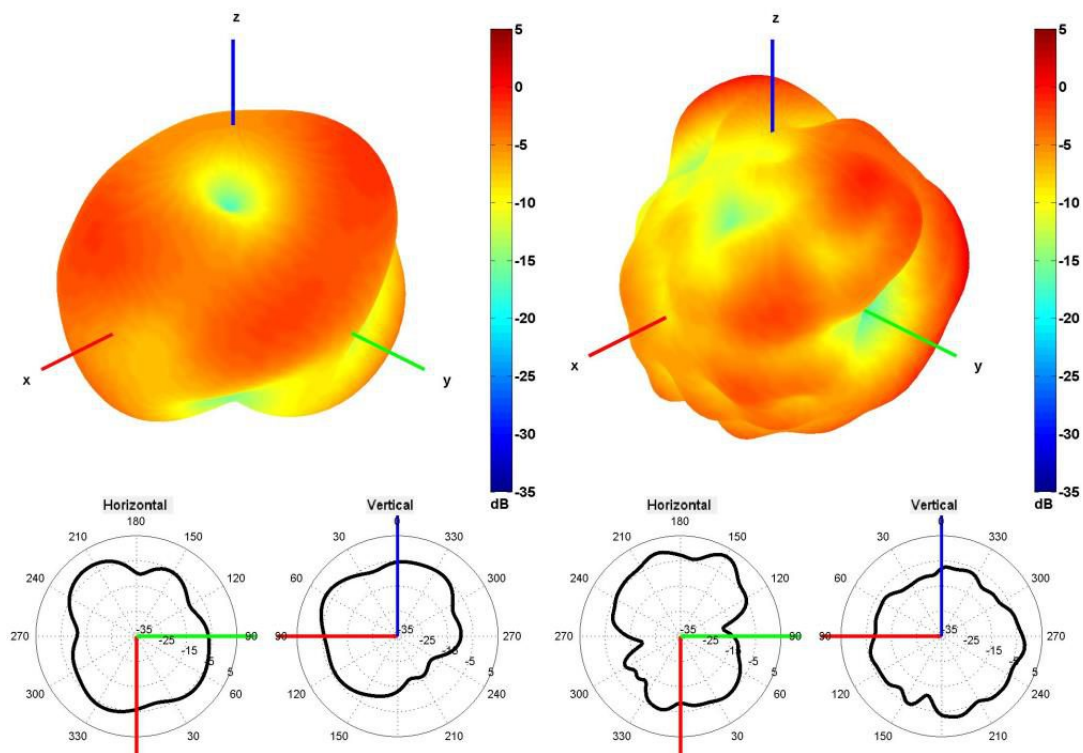


750 and 2500 MHz Radiation pattern

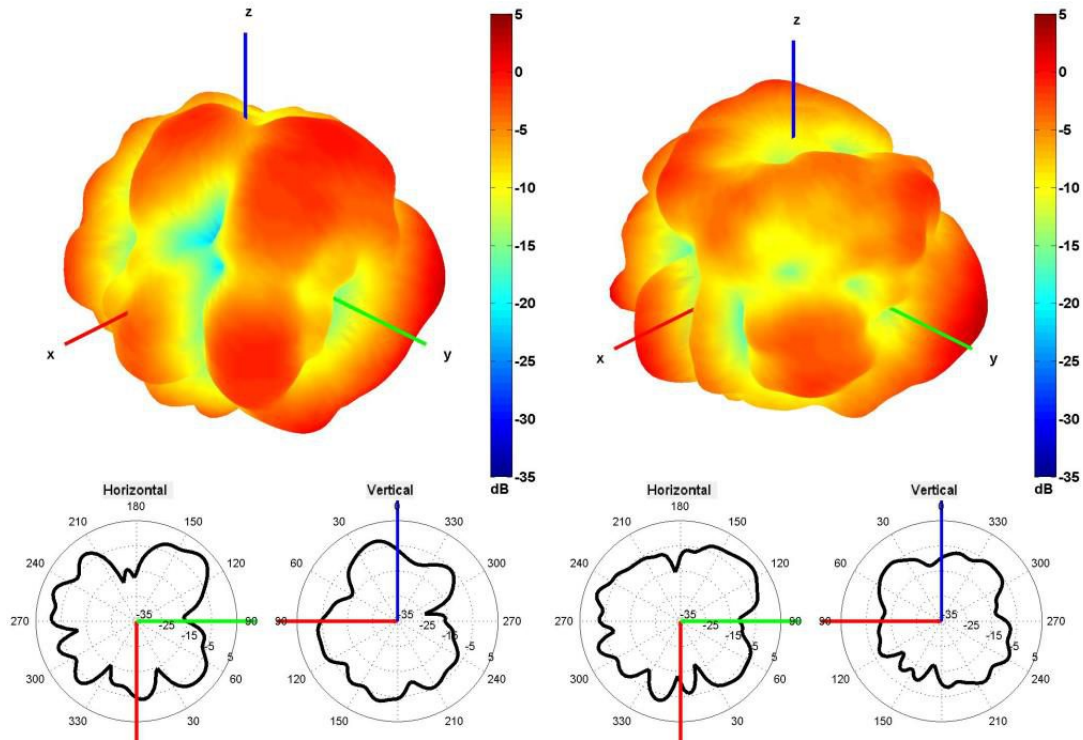


4500 and 5500 MHz Radiation pattern

Table 4: 5GNR

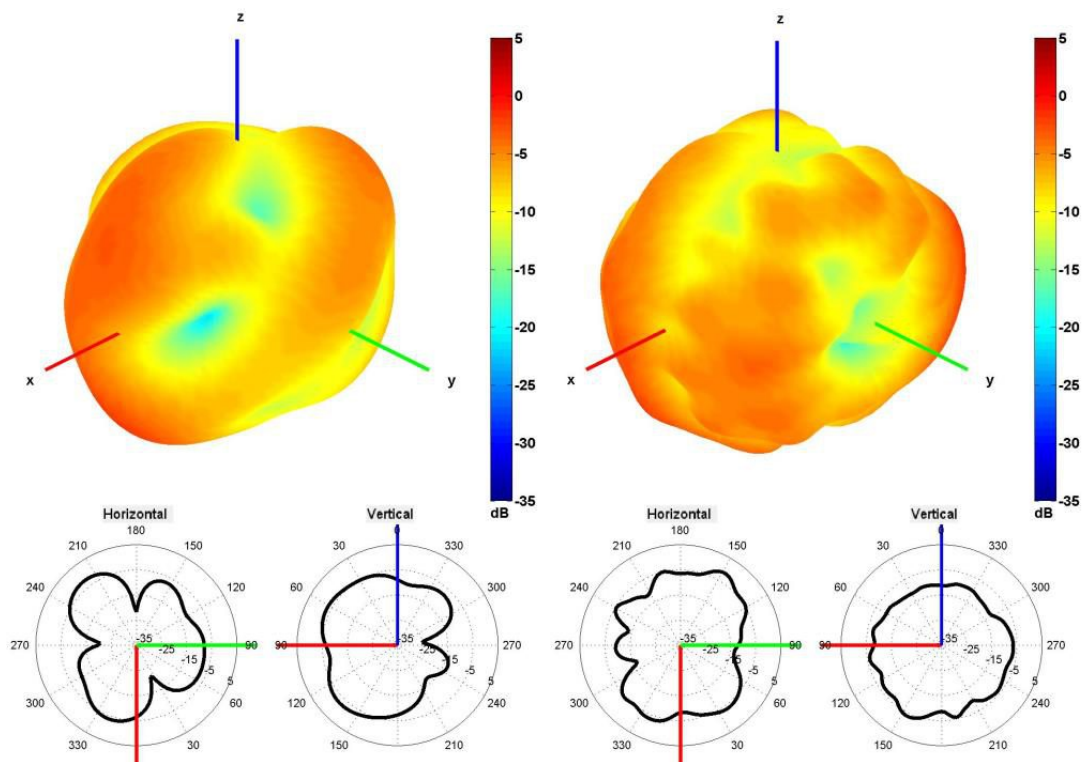


750 and 2500 MHz Radiation pattern

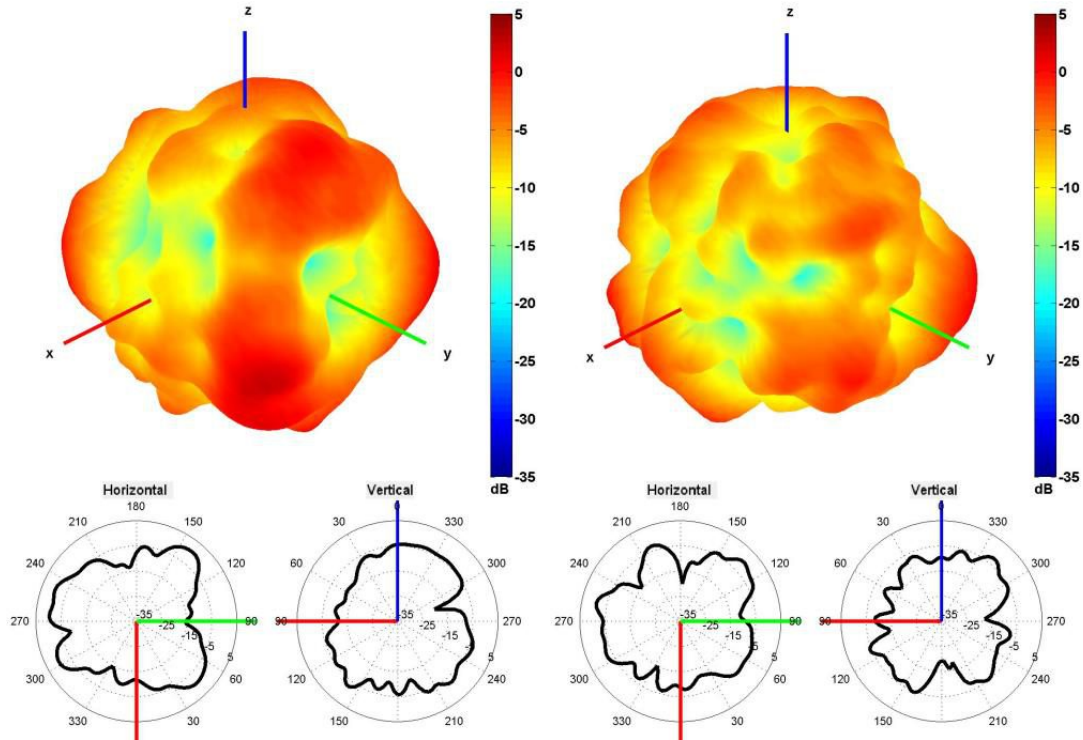


4500 and 5500 MHz Radiation pattern

Cable 5: 5GNR

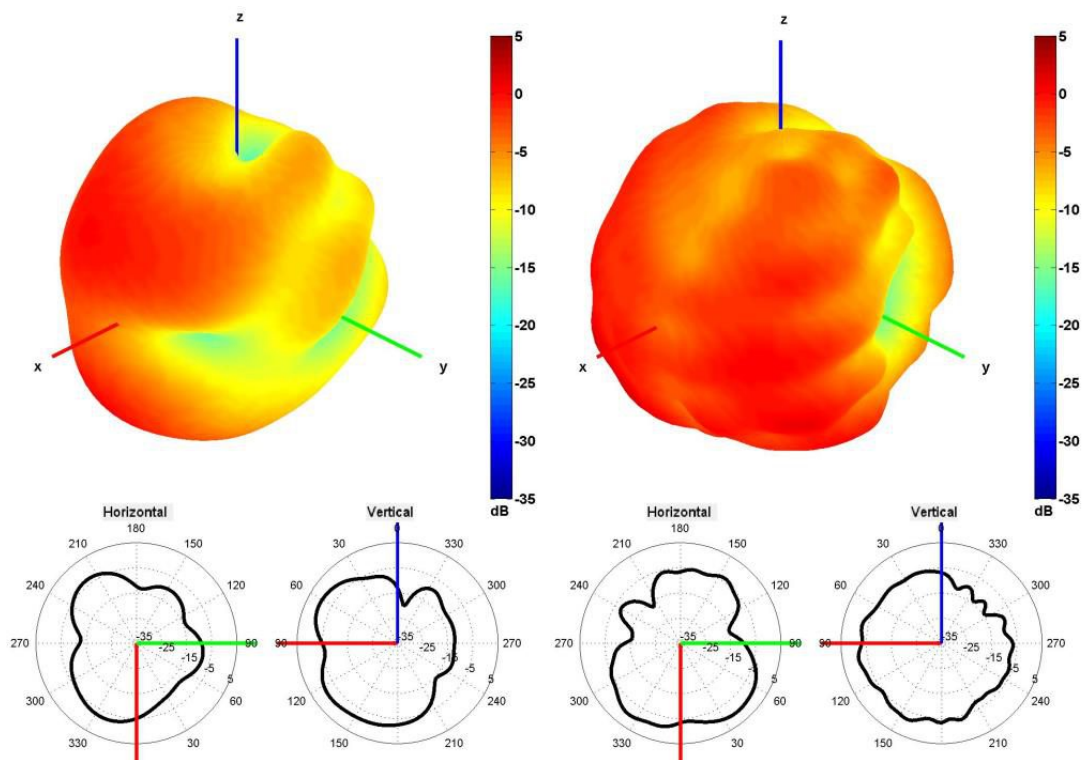


750 and 2500 MHz Radiation pattern

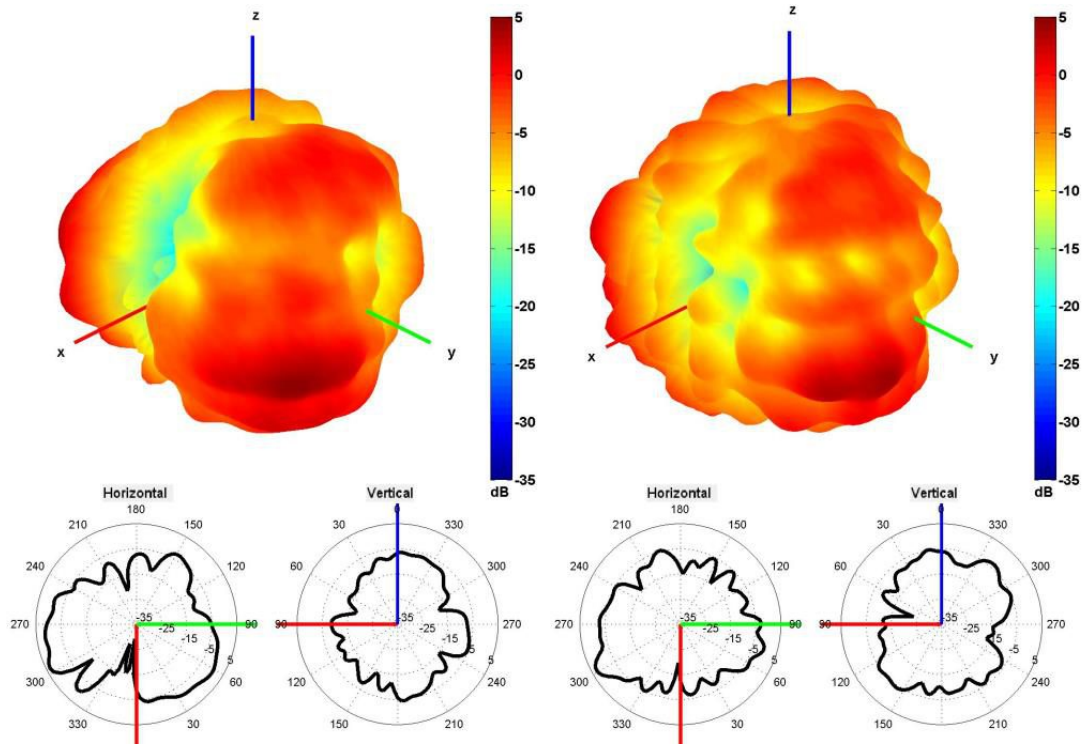


450 and 550 MHz Radiation pattern

Cable 6: 5GNR



750 and 2500 MHz Radiation pattern

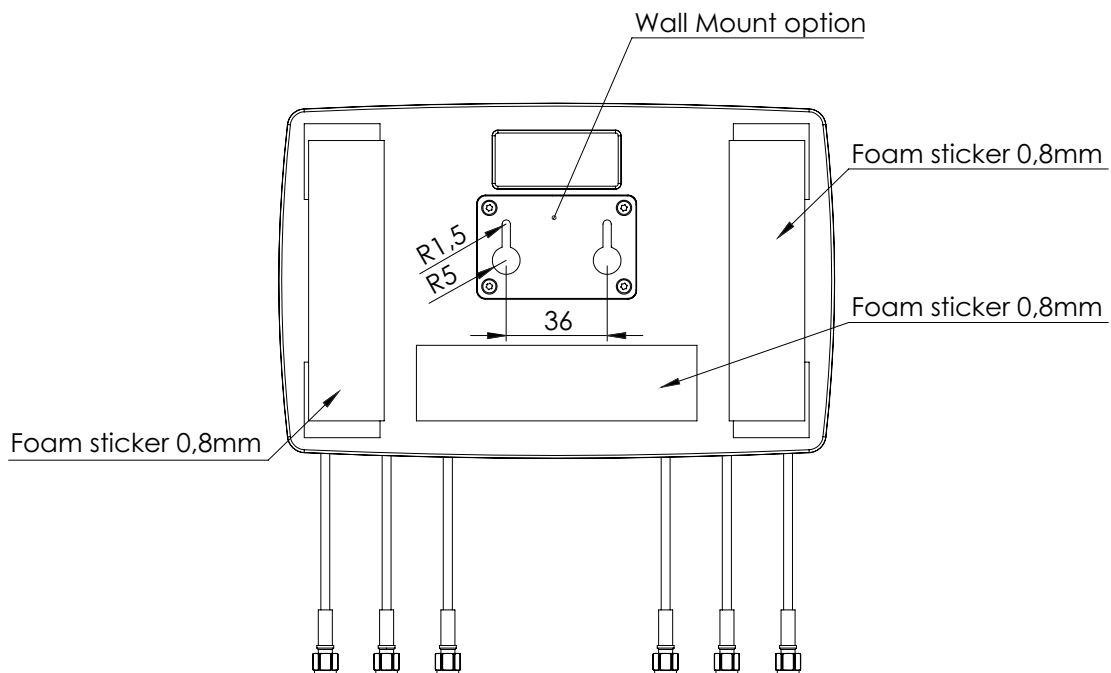
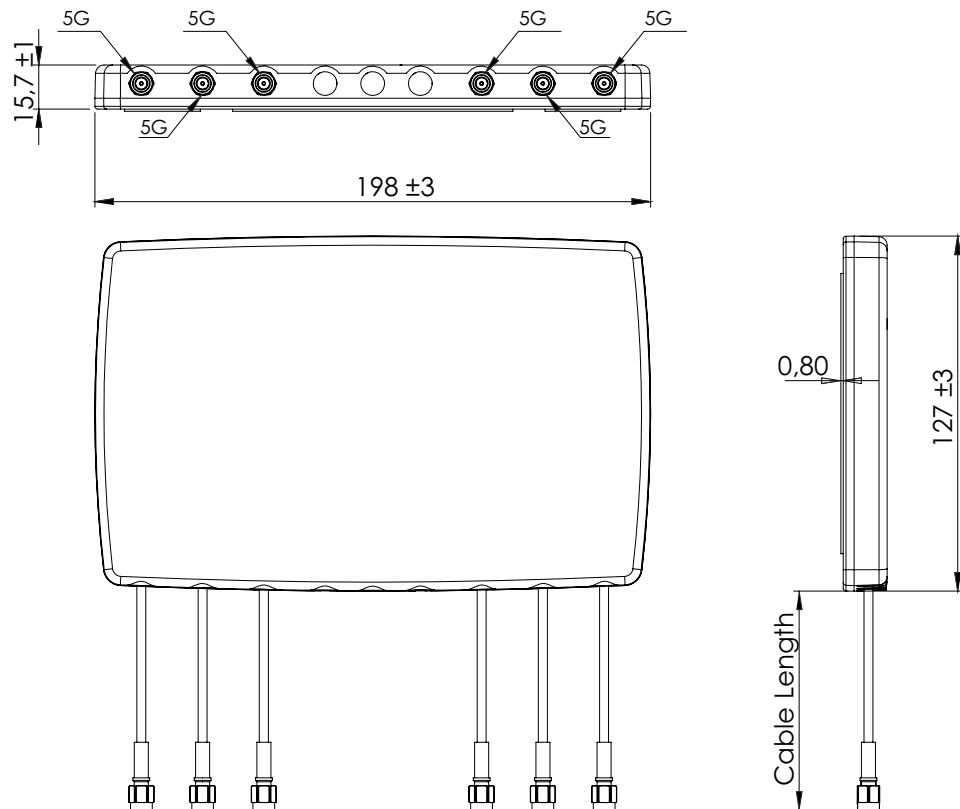


4500 and 5500 MHz Radiation pattern

## 4. Antenna drawings

### Default Adhesive Option

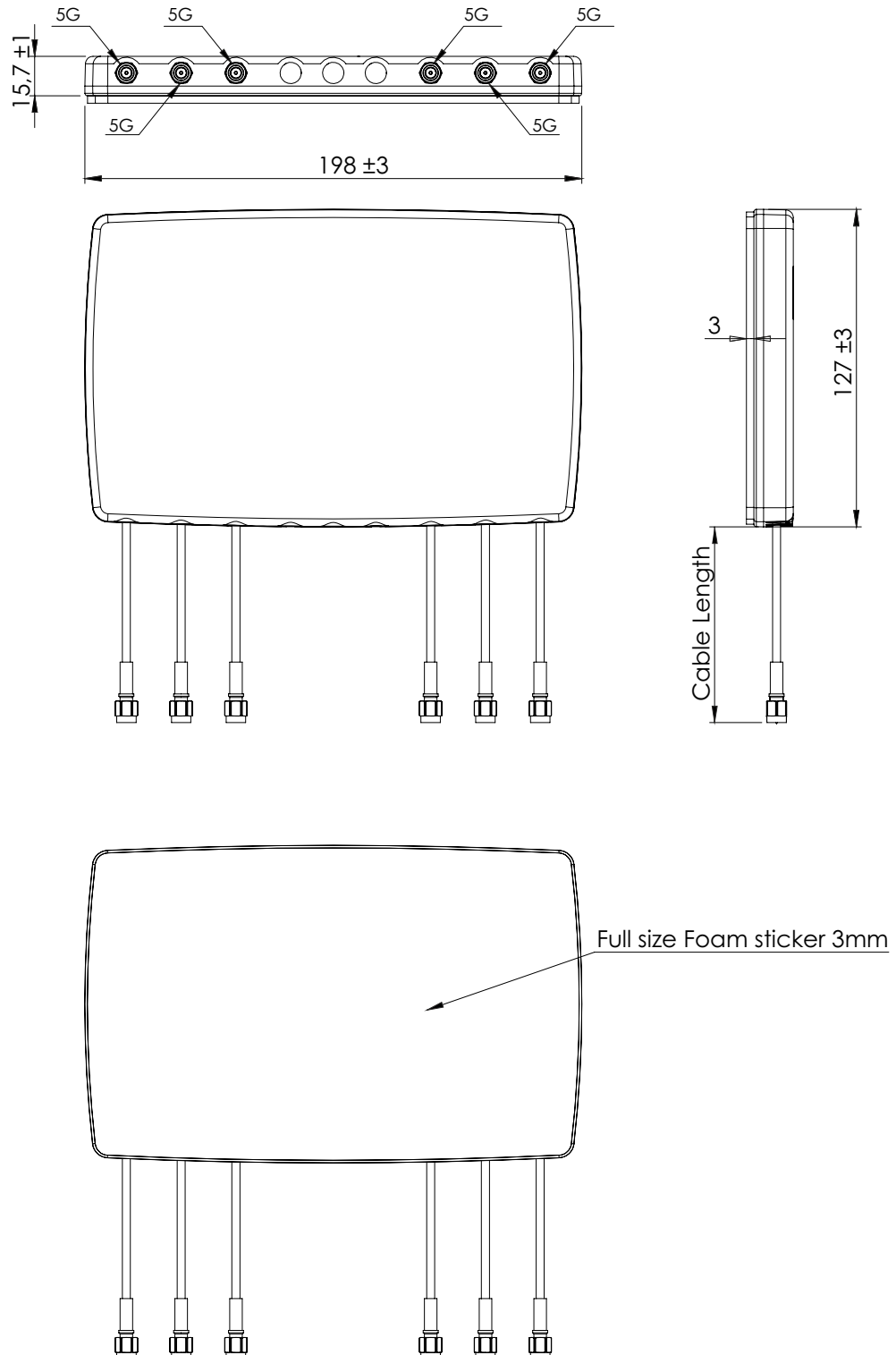
2J4H83Pe - Three Foam stickers included in packaging



## 4. Antenna drawings

### Optional Full Size Adhesive Option

2J4H83Pe-SP - Full size Foam sticker included in packaging



## 5. Antenna Images

