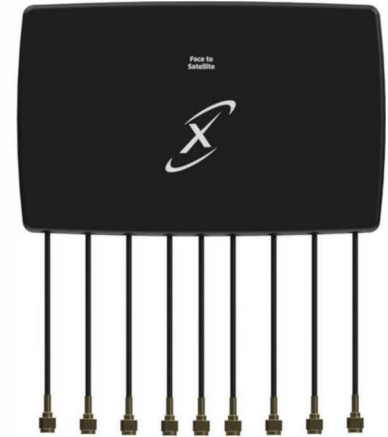




MEA-9in1-AM

5G NR MIMO, 2.4/5.0/6.0 GHz ISM and GNSS Antenna

Part #:100-0355-01



Description

The MEA-9in1-AM adhesive Mount Antenna is a 9-in-1 low profile antenna solution, with a very high-performance ideal for maintaining constant network connectivity. The MEA-9in1-AM covers all 5G NR, ISM, MIMO and GPS/GLONASS/QZSS/ Galileo standard frequencies. This is an ideal antenna for telematics systems, remote surveillance, asset tracking and any IOT system applications. The high performance and low profile make this antenna ideal for the most challenging installations.

This adhesive mount antenna is easy to install with maximum durability offering IP67 rated housing and anti-rotation mounting. The MEA-9in1-AM has nine cables with a SMA-Male standard connectors, 3m standard cable length and is fully customizable by offering additional connector types, cable lengths and cable types.

Electrical Specifications

| Parameter | Specifications | | | |
|-------------------|--|---|------------------------------|----------------------|
| Technologies | 5G, 4G, 3G and 2G | | | |
| Standards | 5G NR, FirstNet, CBRS, 4G LTE, CAT-X, CAT-MX, CAT-NB-X, 3G, 2G, Cellular, HSPA+, UMTS, WCDMA, CDMA, GSM, GPRS, EDGE, EV-DO | | | |
| Frequency Range | 617-960MHz | 1427-2690MHz | 3300-5000MHz | 5150-5925MHz |
| Band (MHz) | 600,700,850,900 | 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600 | 3300, 3500, 3600, 3700, 4500 | 5200, 5500, 5800 |
| 5G NR Bands | n5, n8, 12, n20, n28, n71, n81, n82, n83 | n1, n2, n3, n7, n25, n34, n38, n39, n40, n41, n50, n51, n66, n70, n74, n75, n76, n80, n84, n86 | n77, n78, n79 | |
| 4G LTE Bands | B5, B6, B8, B12, B13, B14, B17, B18, B19, B20, B26, B27, B28, B29, B44, B67, B68, B71, B85 | 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 | B22, B42, B43, B48, B49, B52 | B46, B47, B252, B255 |
| 3G CELL Bands | B5, B6, B8, B12, B13, B14, B19, B20, B26 | B1, B2, B3, B4, B7, B9, B10, B11, B21, B25, B32, B33, B34, B35, B36, B37, B38, B39, B40 | B22 | |
| 2G CELL Bands | 710, 750, 810T, 850, 900E, 900E, 900R | 1800DCS, 1900PCS | | |
| CDMA CELL Bands | BC0, BC2, BC3, BC7, BC9, BC10, BC12, BC18, BC19 | BC1, BC4, BC6, BC8, BC13, BC14, BC15, BC16, BC20, BC21 | | |
| Return Loss | ~13.2 | ~15.7 | ~12.6 | ~11.6 |
| VSWR | ~1.6:1 | ~1.6:1 | ~1.7:1 | ~1.8:1 |
| Efficiency (%) | ~55.2 | ~46.9 | ~30.4 | ~26.3 |
| Peak Gain (dBi) | ~3.1 | ~3.7 | ~2.1 | ~1.0 |
| Average Gain (dB) | ~2.6 | ~3.3 | ~5.2 | ~5.8 |
| Impedance (Ohm) | 50 | | | |
| Polarization | Linear | | | |
| Radiation Pattern | Omni-Directional | | | |
| Max Input Power | 25 | | | |
| Connector Type | SMA-Male (Other Connectors Available) | | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | | |
| Cable Type | D302 (Other Cables Available) | | | |

Cable 1 (5G NR-1) 5G NR Antenna

Features

- Cable 1-4: 5G NR (617-960, 1427-2690, 3300-5000 and 5150-5925 MHz)
- Cable 5-8: 2.4/5.0/6.0 GHz ISM (2410-2490 and 4920-7125 MHz)
- Cable 9: GPS/GLONASS/Galileo/QZSS (1575-1606 MHz)
- High Performance
- Adhesive Mount
- Low profile
- Ground Plane Independent
- 198 x 127 x 15.7 mm
- Customized Cable and Connector

Applications

- IoT applications
- Telematics
- Navigation
- Satellite communications
- LTE applications



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Cable 2 (5G NR-2) 5G NR Antenna

| Parameter | Specifications | | | |
|-------------------|--|---|------------------------------|----------------------|
| Technologies | 5G, 4G, 3G and 2G | | | |
| Standards | 5G NR, FirstNet, CBRS, 4GLTE, CAT-X, CAT-MX, CAT-NBX, 3G, 2G, Cellular, HSPA+, UMTS, WCDMA, CDMA, GSM, GPRS, EDGE, EV-DO | | | |
| Frequency Range | 617-960MHz | 1427-2690MHz | 3300-5000MHz | 5150-5925MHz |
| Band (MHz) | 600,700,850,900 | 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600 | 3300, 3500, 3600, 3700, 4500 | 5200, 5500, 5800 |
| 5G NR Bands | n5, n8, 12, n20, n28, n71, n81, n82, n83 | n1, n2, n3, n7, n25, n34, n38, n39, n40, n41, n50, n51, n66, n70, n74, n75, n76, n80, n84, n86 | n77, n78, n79 | |
| 4GLTE Bands | B5, B6, B8, B12, B13, B14, B17, B18, B19, B20, B26, B27, B28, B29, B44, B67, B68, B71, B85 | 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 | B22, B42, B43, B48, B49, B52 | B46, B47, B252, B255 |
| 3GCELL Bands | B5, B6, B8, B12, B13, B14, B19, B20, B26 | B1, B2, B3, B4, B7, B9, B10, B11, B21, B25, B32, B33, B34, B35, B36, B37, B38, B39, B40 | B22 | |
| 2GCELL Bands | 710, 750, 810T, 850, 900P, 900E, 900R | 1800DCS, 1900PCS | | |
| CDMACELL Bands | BC0, BC2, BC3, BC7, BC9, BC10, BC12, BC18, BC19 | BC1, BC4, BC6, BC8, BC13, BC14, BC15, BC16, BC20, BC21 | | |
| Return Loss | ~14.6 | ~15.4 | ~15.6 | ~15.7 |
| VSWR | ~1.5:1 | ~1.5:1 | ~1.5:1 | ~1.4:1 |
| Efficiency (%) | ~55.1 | ~46.9 | ~35.7 | ~34.0 |
| Peak Gain (dBi) | ~3.3 | ~3.6 | ~3.1 | ~2.9 |
| Average Gain (dB) | ~2.6 | ~3.3 | ~4.5 | ~4.7 |
| Impedance (Ohm) | 50 | | | |
| Polarization | Linear | | | |
| Radiation Pattern | Omni-Directional | | | |
| Max Input Power | 25 | | | |
| Connector Type | SMA-Male (Other Connectors Available) | | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | | |
| Cable Type | D302 (Other Cables Available) | | | |

Cable 3 (5GNR-3) 5GNR Antenna

| Parameter | Specifications | | | |
|-------------------|---|---|------------------------------|----------------------|
| Technologies | 5G, 4G, 3G and 2G | | | |
| Standards | 5GNR, FirstNet, CBRS, 4GLTE, CAT-X, CAT-MX, CAT-NBX, 3G, 2G, Cellular, HSPA+, UMTS, WCDMA, CDMA, GSM, GPRS, EDGE, EV-DO | | | |
| Frequency Range | 617-960MHz | 1427-2690MHz | 3300-5000MHz | 5150-5925MHz |
| Band (MHz) | 600,700,850,900 | 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600 | 3300, 3500, 3600, 3700, 4500 | 5200, 5500, 5800 |
| 5GNR Bands | n5, n8, 12, n20, n28, n71, n81, n82, n83 | n1, n2, n3, n7, n25, n34, n38, n39, n40, n41, n50, n51, n66, n70, n74, n75, n76, n80, n84, n86 | n77, n78, n79 | |
| 4GLTE Bands | B5, B6, B8, B12, B13, B14, B17, B18, B19, B20, B26, B27, B28, B29, B44, B67, B68, B71, B85 | 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 | B22, B42, B43, B48, B49, B52 | B46, B47, B252, B255 |
| 3GCELL Bands | B5, B6, B8, B12, B13, B14, B19, B20, B26 | B1, B2, B3, B4, B7, B9, B10, B11, B21, B25, B32, B33, B34, B35, B36, B37, B38, B39, B40 | B22 | |
| 2GCELL Bands | 710, 750, 810T, 850, 900P, 900E, 900R | 1800DCS, 1900PCS | | |
| CDMACELL Bands | BC0, BC2, BC3, BC7, BC9, BC10, BC12, BC18, BC19 | BC1, BC4, BC6, BC8, BC13, BC14, BC15, BC16, BC20, BC21 | | |
| Return Loss | ~-15.4 | ~-14.3 | ~-13.7 | ~-13.0 |
| VSWR | ~1.5:1 | ~1.6:1 | ~1.7:1 | ~1.7:1 |
| Efficiency (%) | ~55.3 | ~44.0 | ~29.7 | ~27.5 |
| Peak Gain (dBi) | ~3.5 | ~3.4 | ~2.6 | ~3.1 |
| Average Gain (dB) | ~-2.6 | ~-3.6 | ~-5.4 | ~-5.6 |
| Impedance (Ohm) | 50 | | | |
| Polarization | Linear | | | |
| Radiation Pattern | Omni-Directional | | | |
| Max Input Power | 25 | | | |
| Connector Type | SMA-Male (Other Connectors Available) | | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | | |
| Cable Type | D302 (Other Cables Available) | | | |

Cable 4 (5GNR-4) 5GNR Antenna

| Parameter | Specifications | | | |
|-------------------|---|---|------------------------------|----------------------|
| Technologies | 5G, 4G, 3G and 2G | | | |
| Standards | 5GNR, FirstNet, CBRS, 4GLTE, CAT-X, CAT-MX, CAT-NBX, 3G, 2G, Cellular, HSPA+, UMTS, WCDMA, CDMA, GSM, GPRS, EDGE, EV-DO | | | |
| Frequency Range | 617-960MHz | 1427-2690MHz | 3300-5000MHz | 5150-5925MHz |
| Band (MHz) | 600,700,850,900 | 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600 | 3300, 3500, 3600, 3700, 4500 | 5200, 5500, 5800 |
| 5GNR Bands | n5, n8, 12, n20, n28, n71, n81, n82, n83 | n1, n2, n3, n7, n25, n34, n38, n39, n40, n41, n50, n51, n66, n70, n74, n75, n76, n80, n84, n86 | n77, n78, n79 | |
| 4GLTE Bands | B5, B6, B8, B12, B13, B14, B17, B18, B19, B20, B26, B27, B28, B29, B44, B67, B68, B71, B85 | 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 | B22, B42, B43, B48, B49, B52 | B46, B47, B252, B255 |
| 3GCELL Bands | B5, B6, B8, B12, B13, B14, B19, B20, B26 | B1, B2, B3, B4, B7, B9, B10, B11, B21, B25, B32, B33, B34, B35, B36, B37, B38, B39, B40 | B22 | |
| 2GCELL Bands | 710, 750, 810T, 850, 900P, 900E, 900R | 1800DCS, 1900PCS | | |
| CDMACELL Bands | BC0, BC2, BC3, BC7, BC9, BC10, BC12, BC18, BC19 | BC1, BC4, BC6, BC8, BC13, BC14, BC15, BC16, BC20, BC21 | | |
| Return Loss | ~-15.2 | ~-16.8 | ~-13.9 | ~-12.5 |
| VSWR | ~1.5:1 | ~1.4:1 | ~1.6:1 | ~1.7:1 |
| Efficiency (%) | ~57.1 | ~48.4 | ~30.4 | ~25.1 |
| Peak Gain (dBi) | ~3.4 | ~4.5 | ~2.5 | ~1.2 |
| Average Gain (dB) | ~-2.4 | ~-3.2 | ~-5.4 | ~-6.2 |
| Impedance (Ohm) | 50 | | | |
| Polarization | Linear | | | |
| Radiation Pattern | Omni-Directional | | | |
| Max Input Power | 25 | | | |
| Connector Type | SMA-Male (Other Connectors Available) | | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | | |
| Cable Type | D302 (Other Cables Available) | | | |

Cable 5 (WiFi6E-1) 2.4/5.0/6.0 GHz ISM Antenna

| Parameter | Specifications | | |
|-------------------|--|-----------|-----------|
| Standards | WiFi, BT, ZigBee, ISM, SigFox, LoRa | | |
| Band | 2.4 GHz | 5.0 GHz | 6.0 GHz |
| Efficiency (%) | ~30.8 | ~20.2 | ~47.2 |
| Frequency(MHz) | 2410-2490 | 4920-5925 | 5925-7125 |
| Return Loss | ~-13.5 | ~-15.8 | ~-14.2 |
| VSWR | ~1.6:1 | ~1.5:1 | ~1.6:1 |
| Peak Gain (dBi) | ~4.5 | ~3.1 | ~3.8 |
| Average Gain (dB) | ~-5.1 | ~-7.1 | ~-3.3 |
| Impedance (Ohm) | 50 | | |
| Polarization | Linear | | |
| Radiation Pattern | Omni-Directional | | |
| Max Input Power | 25 | | |
| Connector Type | SMA-Male-RP (Other Connectors Available) | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | |
| Cable Type | D302 (Other Cables Available) | | |

Cable 6 (WiFi6E-2) 2.4/5.0/6.0 GHz ISM Antenna

| Parameter | Specifications | | |
|-------------------|--|-----------|-----------|
| Standards | WiFi, BT, ZigBee, ISM, SigFox, LoRa | | |
| Band | 2.4 GHz | 5.0 GHz | 6.0 GHz |
| Efficiency (%) | ~37.6 | ~23.0 | ~42.3 |
| Frequency(MHz) | 2410-2490 | 4920-5925 | 5925-7125 |
| Return Loss | ~-11.9 | ~-13.2 | ~-11.8 |
| VSWR | ~1.9:1 | ~1.7:1 | ~1.9:1 |
| Peak Gain (dBi) | ~6.0 | ~5.0 | ~3.0 |
| Average Gain (dB) | ~-4.3 | ~-6.5 | ~-3.8 |
| Impedance (Ohm) | 50 | | |
| Polarization | Linear | | |
| Radiation Pattern | Omni-Directional | | |
| Max Input Power | 25 | | |
| Connector Type | SMA-Male-RP (Other Connectors Available) | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | |
| Cable Type | D302 (Other Cables Available) | | |

Cable 7 (WiFi6E-3) 2.4/5.0/6.0 GHz ISM Antenna

| Parameter | Specifications | | |
|-------------------|--|-----------|-----------|
| Standards | WiFi, BT, ZigBee, ISM, SigFox, LoRa | | |
| Band | 2.4 GHz | 5.0 GHz | 6.0 GHz |
| Efficiency (%) | ~38.2 | ~34.3 | ~44.4 |
| Frequency(MHz) | 2410-2490 | 4920-5925 | 5925-7125 |
| Return Loss | ~-19.2 | ~-14.8 | ~-13.4 |
| VSWR | ~1.3:1 | ~1.6:1 | ~1.6:1 |
| Peak Gain (dBi) | ~3.7 | ~2.3 | ~3.1 |
| Average Gain (dB) | ~-4.2 | ~-4.7 | ~-3.5 |
| Impedance (Ohm) | 50 | | |
| Polarization | Linear | | |
| Radiation Pattern | Omni-Directional | | |
| Max Input Power | 25 | | |
| Connector Type | SMA-Male-RP (Other Connectors Available) | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | |
| Cable Type | D302 (Other Cables Available) | | |

Cable 8 (WiFi6E-4) 2.4/5.0/6.0 GHz ISM Antenna

| Parameter | Specifications | | |
|-------------------|--|-----------|-----------|
| Standards | WiFi, BT, ZigBee, ISM, SigFox, LoRa | | |
| Band | 2.4 GHz | 5.0 GHz | 6.0 GHz |
| Efficiency (%) | ~36.3 | ~28.4 | ~39.4 |
| Frequency(MHz) | 2410-2490 | 4920-5925 | 5925-7125 |
| Return Loss | ~-16.5 | ~-15.5 | ~-7.9 |
| VSWR | ~1.4:1 | ~1.5:1 | ~1.5:1 |
| Peak Gain (dBi) | ~4.4 | ~2.6 | ~3.1 |
| Average Gain (dB) | ~-4.4 | ~-5.5 | ~-4.0 |
| Impedance (Ohm) | 50 | | |
| Polarization | Linear | | |
| Radiation Pattern | Omni-Directional | | |
| Max Input Power | 25 | | |
| Connector Type | SMA-Male-RP (Other Connectors Available) | | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | |
| Cable Type | D302 (Other Cables Available) | | |

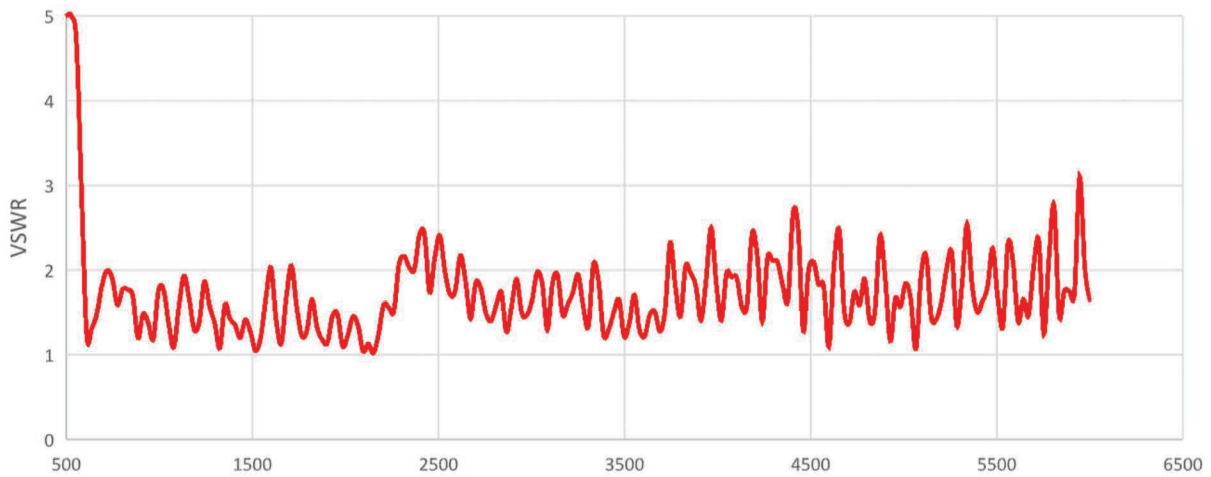
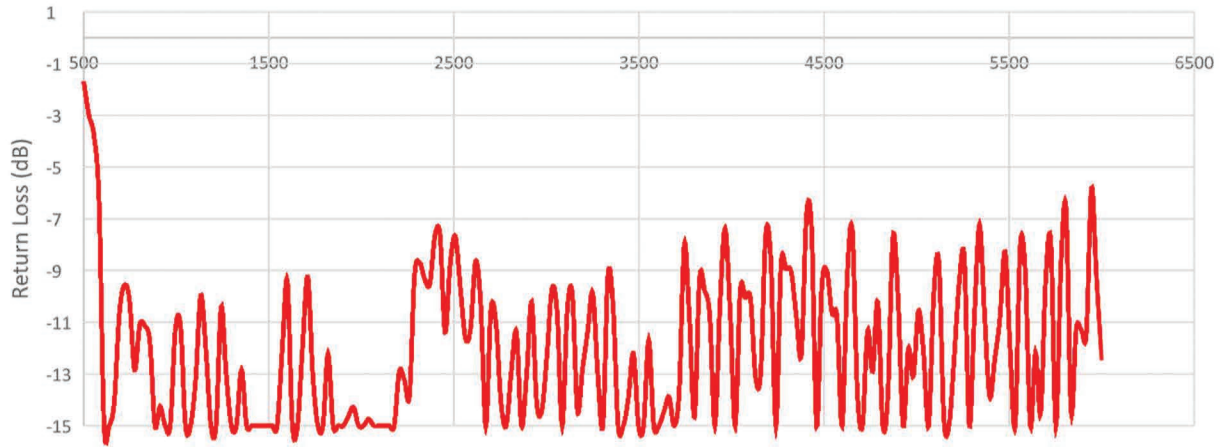
| Cable 9 (GNSS) GNSS Active Antenna | Parameter | Specifications | |
|------------------------------------|--|--|---------------|
| | Standards | GPS/QZSS/Galileo | GLONASS |
| | Band | 1575 MHz | 1602 MHz |
| | Frequency Range | 1575.42 MHz | 1598-1606 MHz |
| | Passive Gain (dBi) | ~4.5 | ~5.0 |
| | Impedance (Ohm) | 50 | |
| | Radiation Pattern | Hemispherical | |
| | Voltage (V) | 1.5 – 3.6 | |
| | Saw Filter | Pre-filter | |
| | Active Gain (dB) | 28 @ 2.7 V | |
| | Noise Figure (dB) | 1.8 @ 2.7V | |
| | Out of Band Rejection (dBc) | ~43 | |
| | Current (mA) | 9 @ 2.7V | |
| | Power Consumption (mW) | 24.3 @ 2.7V | |
| | ESD Protection | 6kV | |
| | Connector Type | SMA-Male Standard (Other Connectors Available) | |
| Cable Length | 300 cm Standard (Any Cable Length Available) | | |
| Cable Type | LL100 (Other Cables Available) | | |

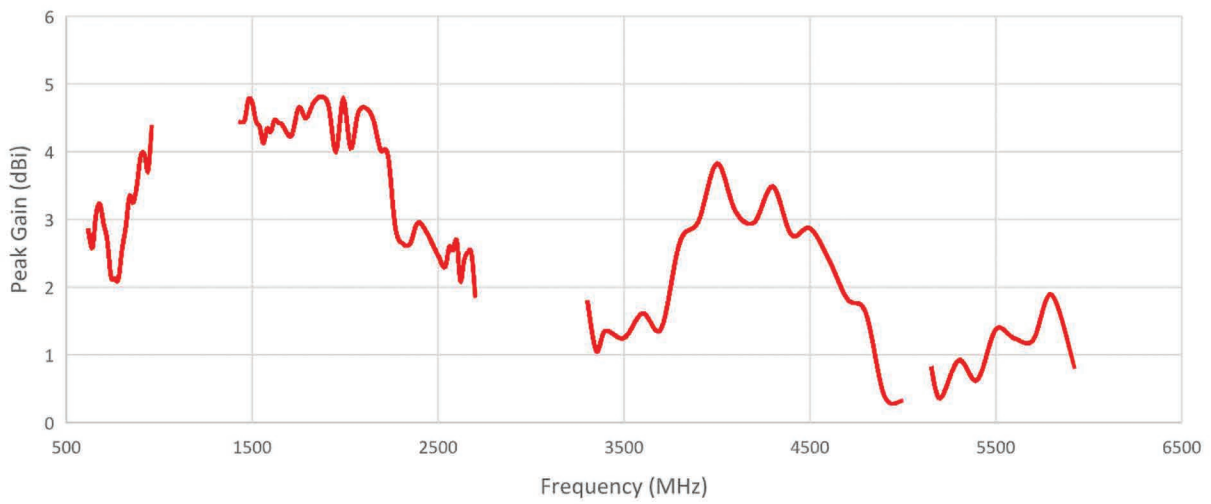
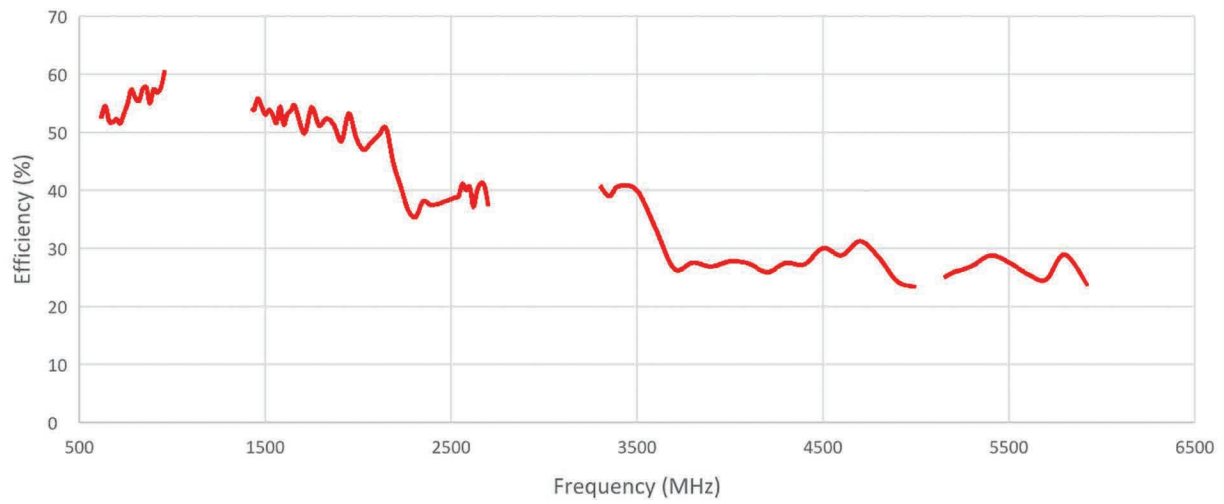
Mechanical Specifications

| Parameter | Specifications |
|---------------------------|---------------------------|
| Antenna Dimensions (mm) | 198 x 127 x 15.7 mm |
| Operating Temperature (C) | -40 to +85 |
| Storage Temperature (C) | -40 to +85 |
| Mounting Type | Adhesive Mount |
| Radome/Color | ASA UV Stable/Black/White |
| Substance Compliance | RoHS |
| Certificates | IP67, IP69, CE |
| Antenna Base | ABS |

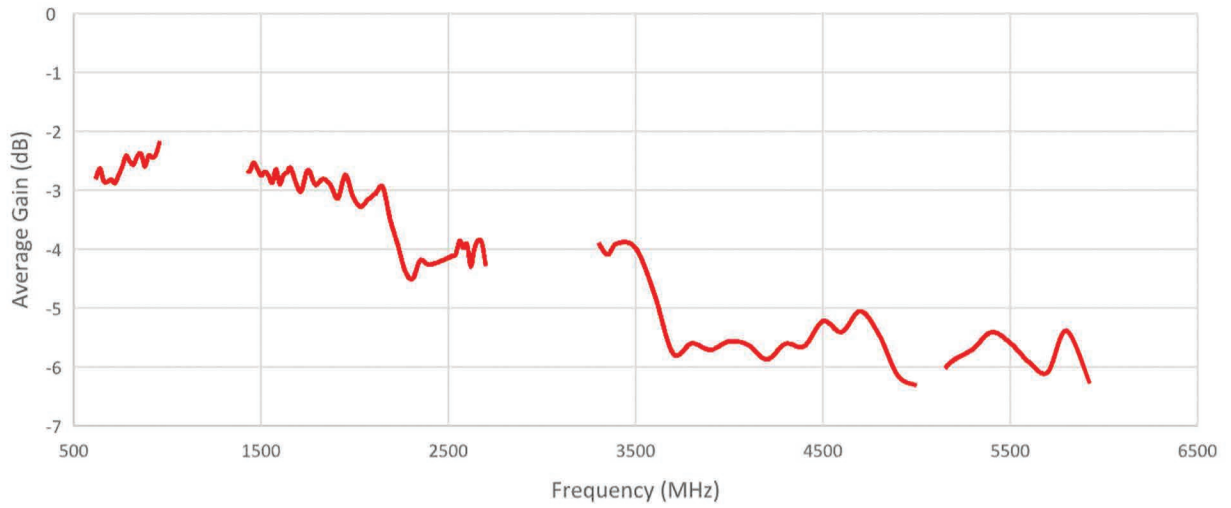
ANTENNA PARAMETERS

CABLE 1: 5GNR-1

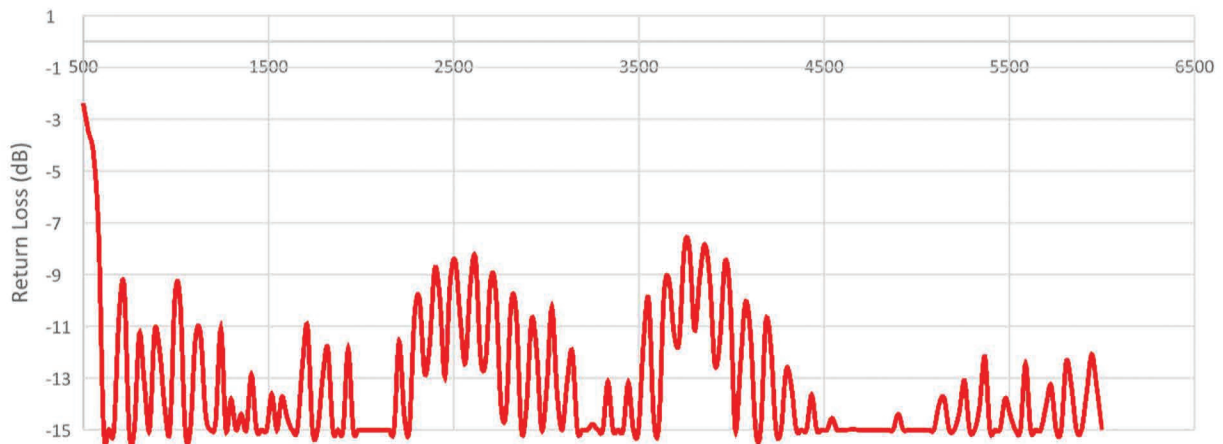


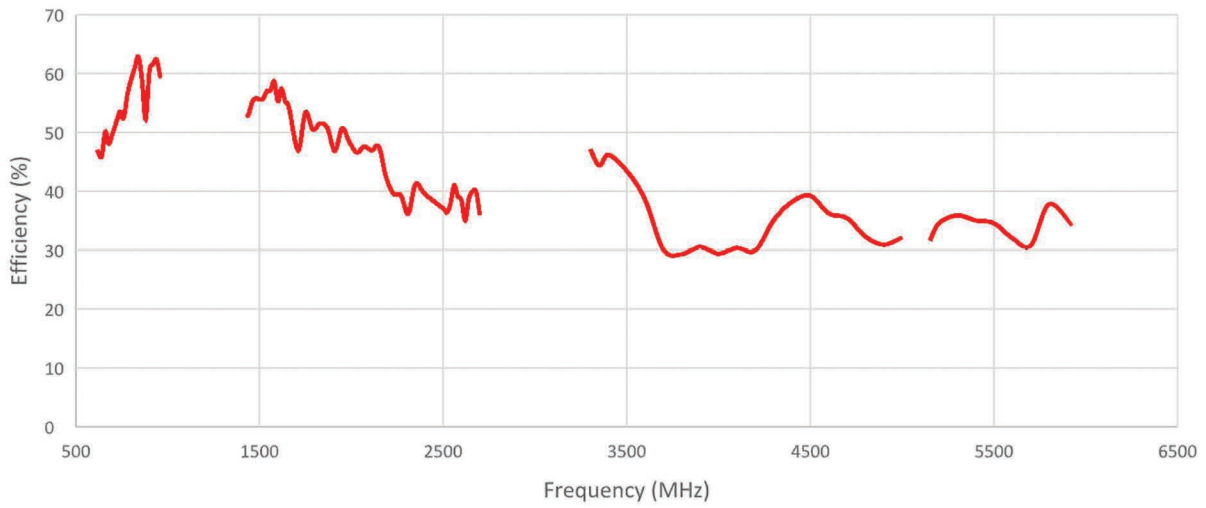
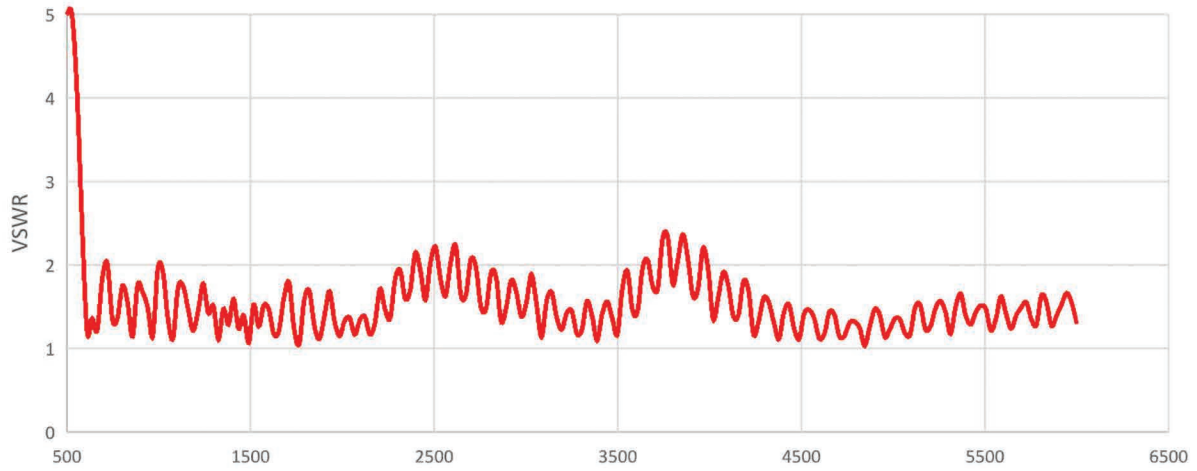


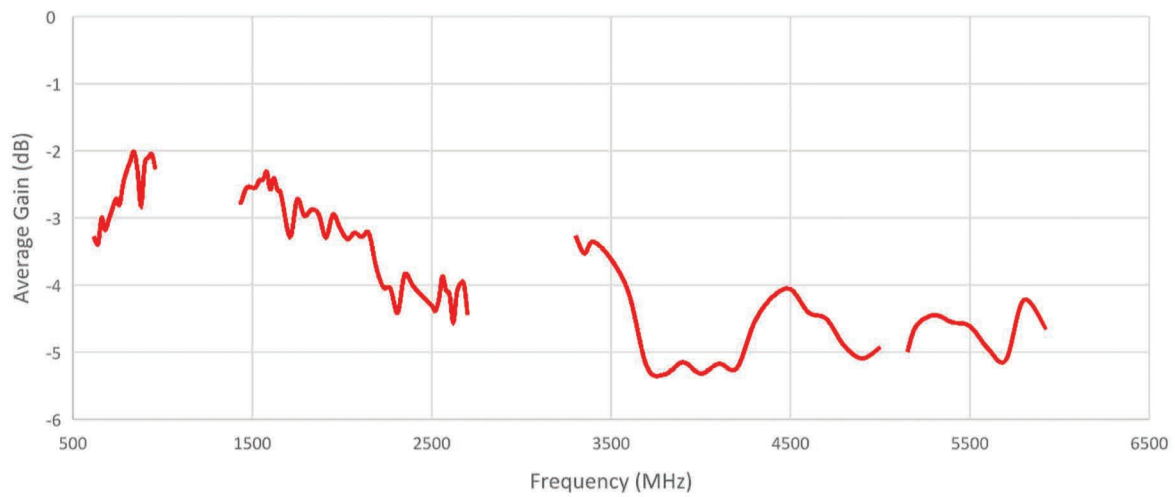
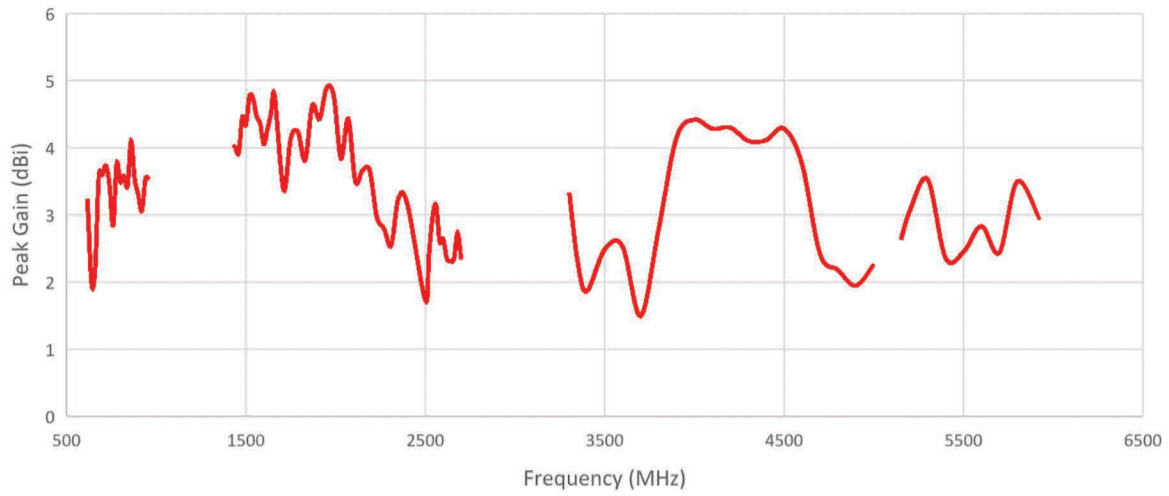
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CABLE 2: 5GNR-2

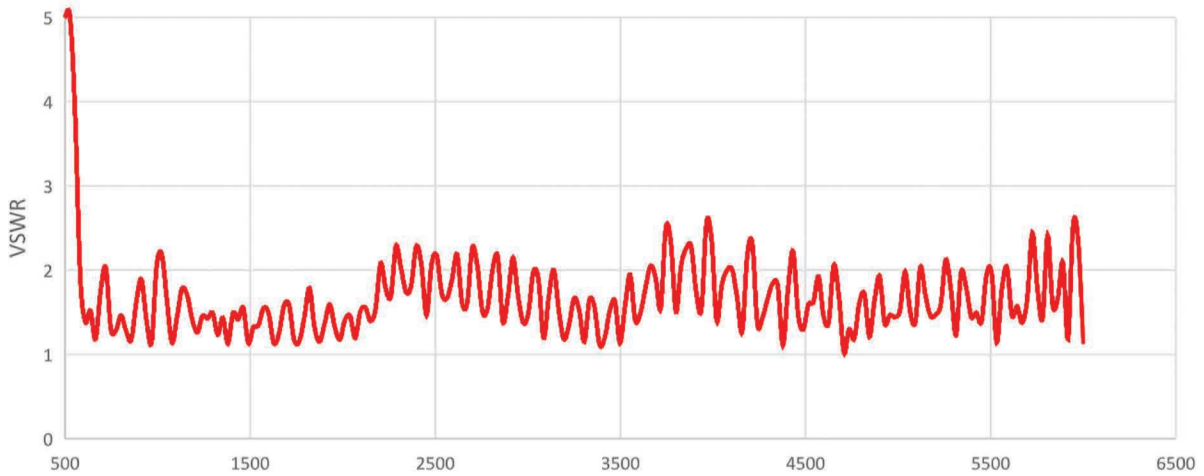
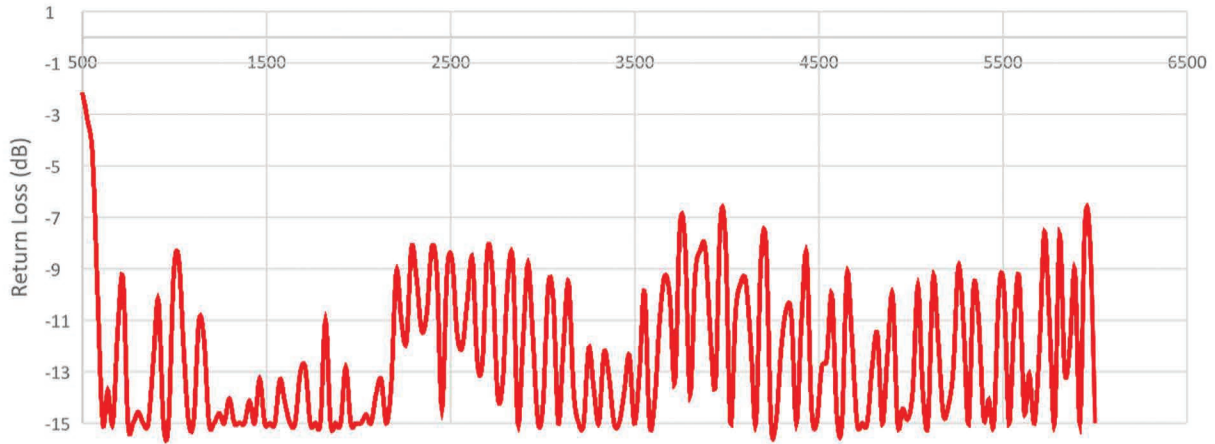


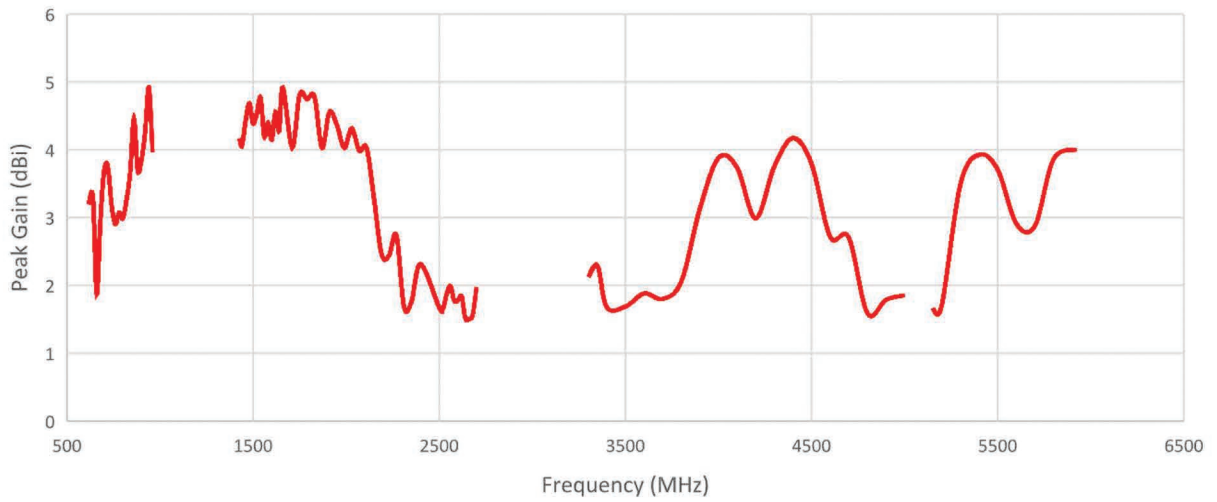
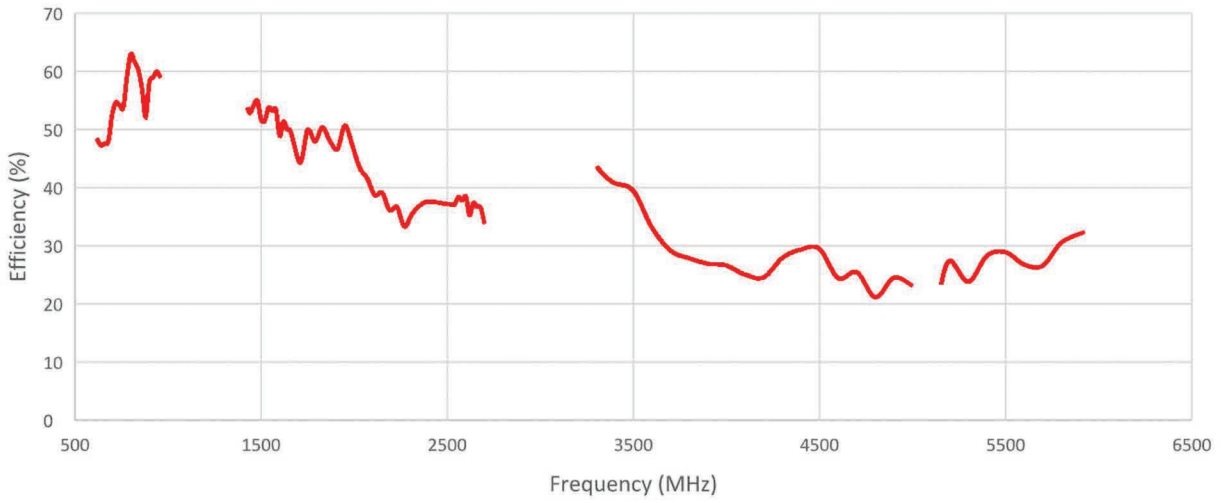




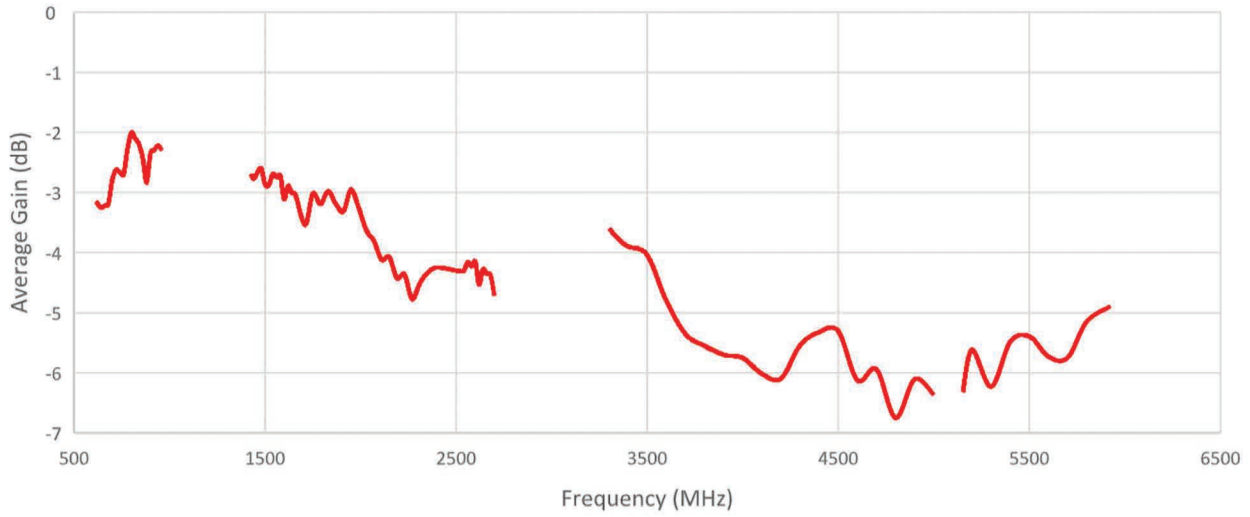
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CABLE 3: 5GNR-3

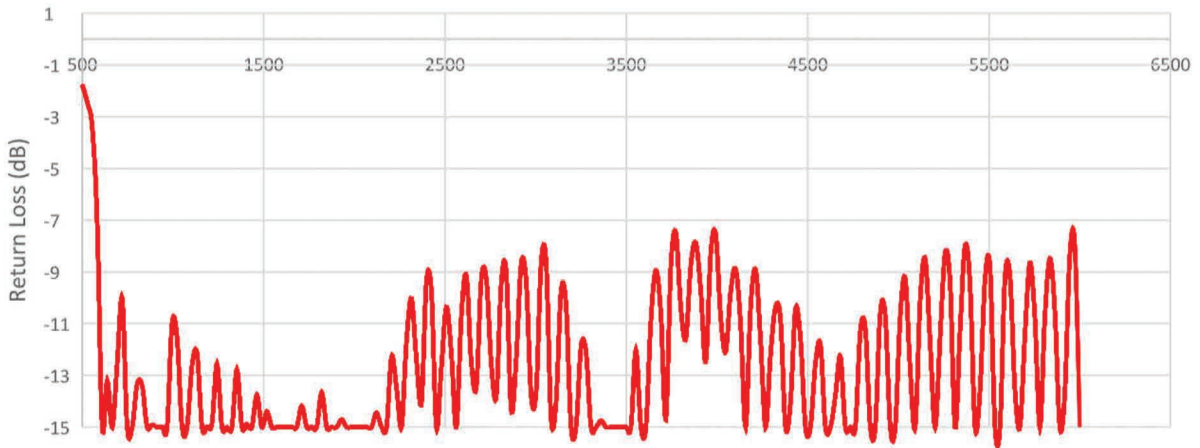


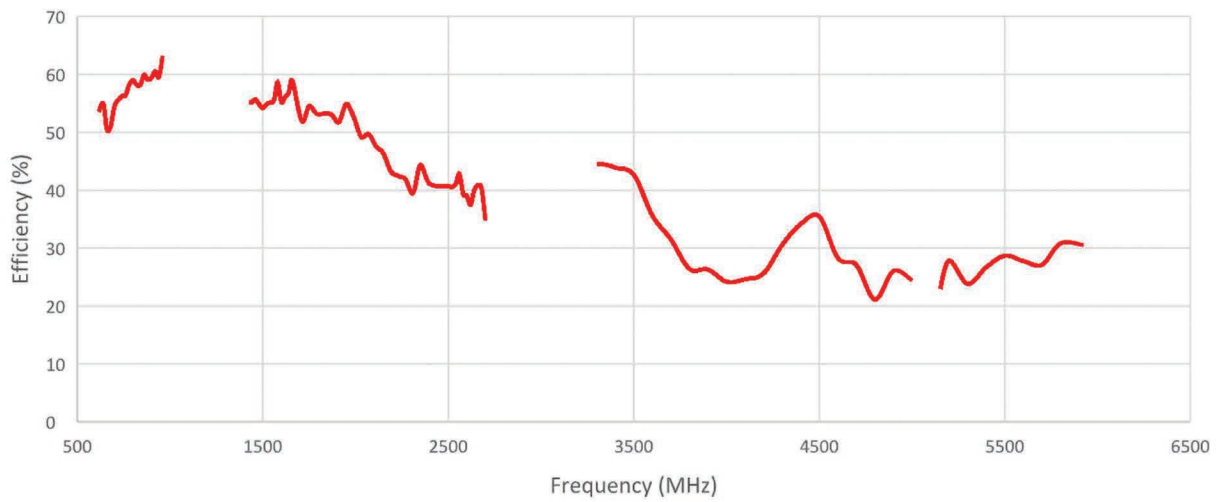
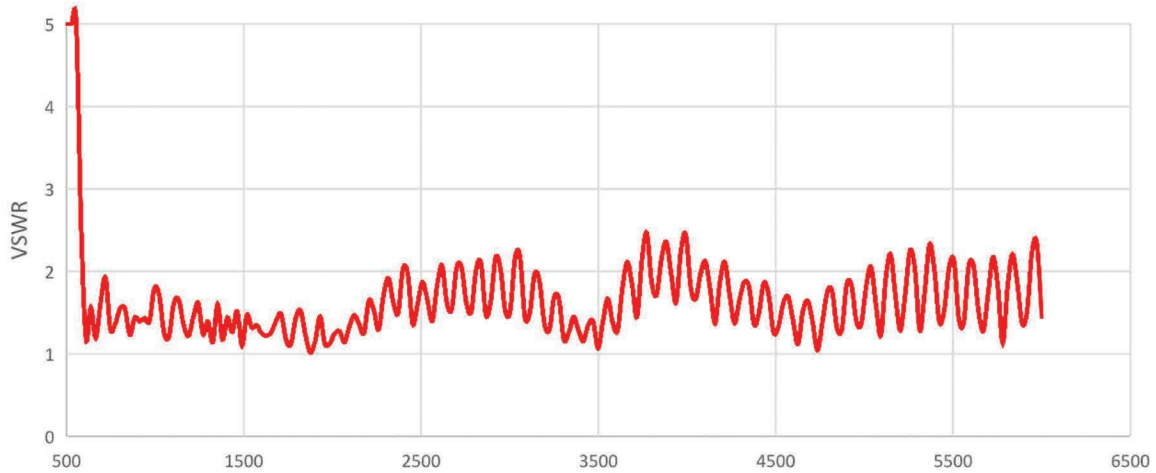


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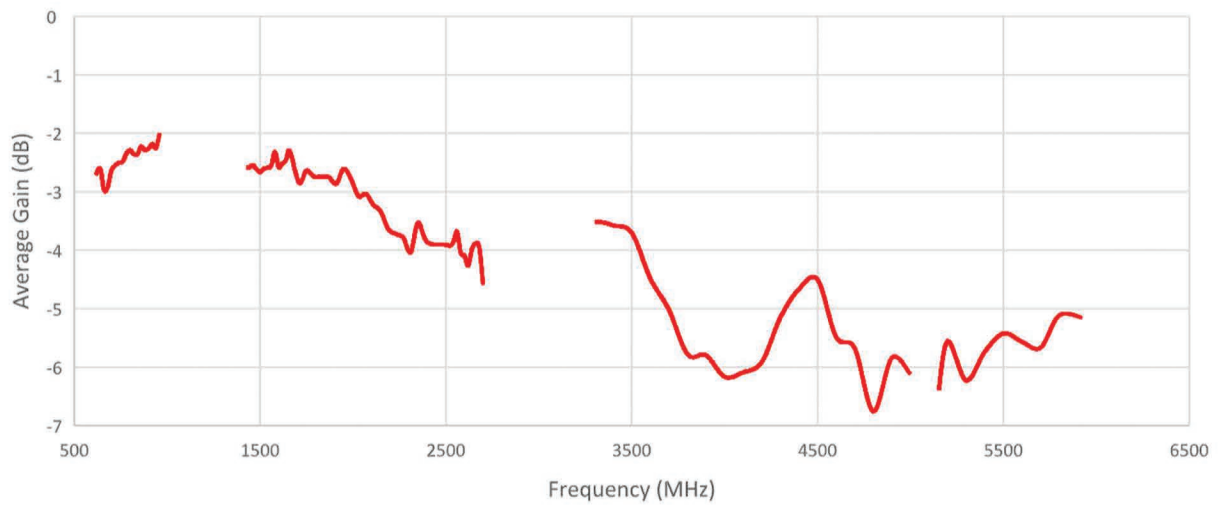
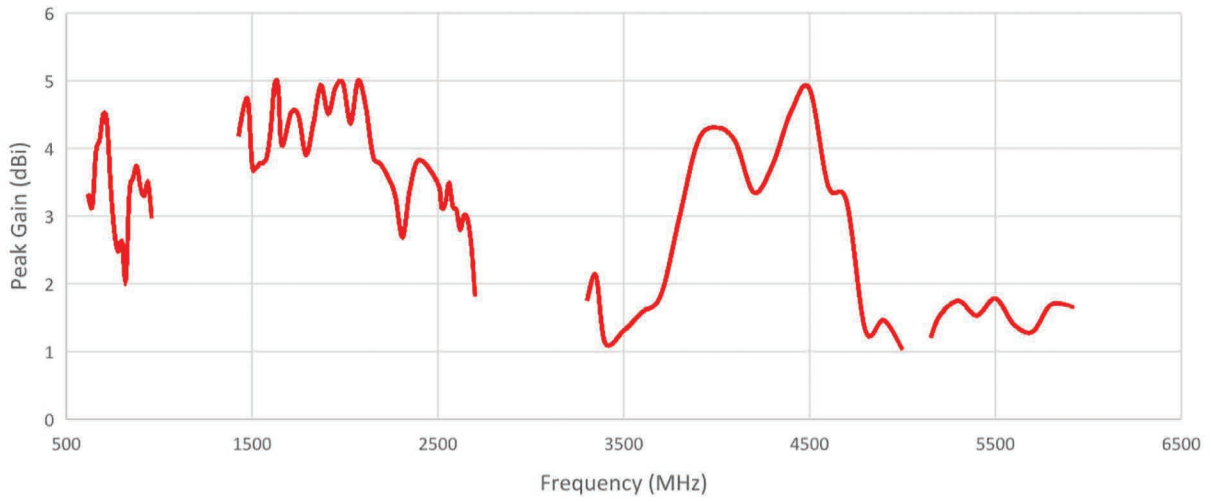


CABLE 4: 5GNR



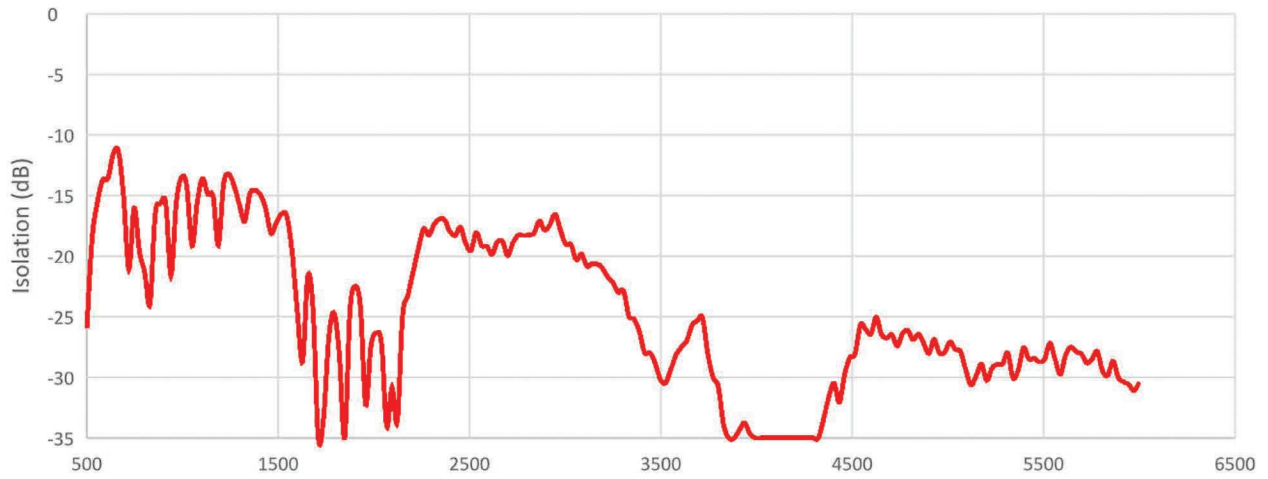


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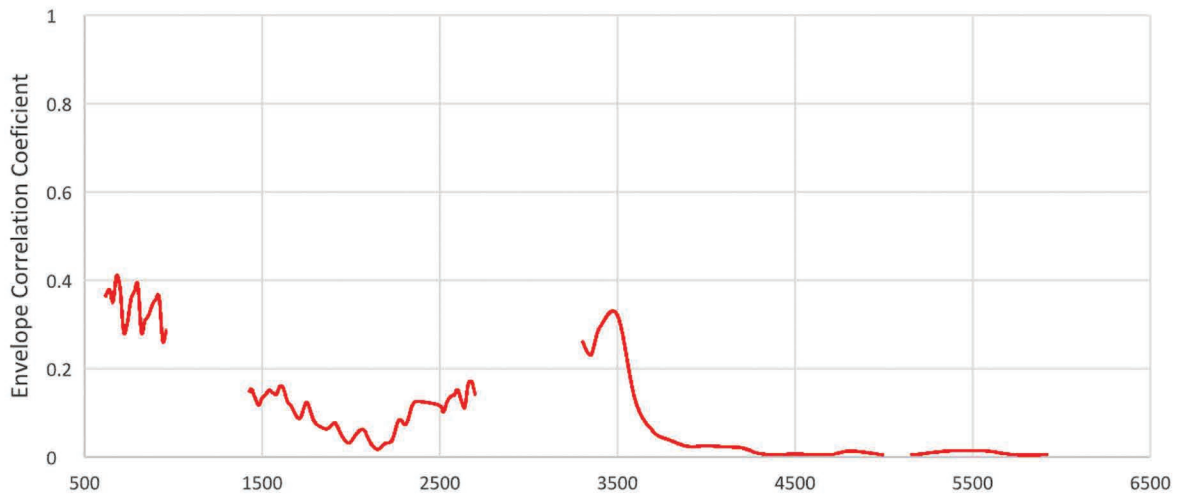


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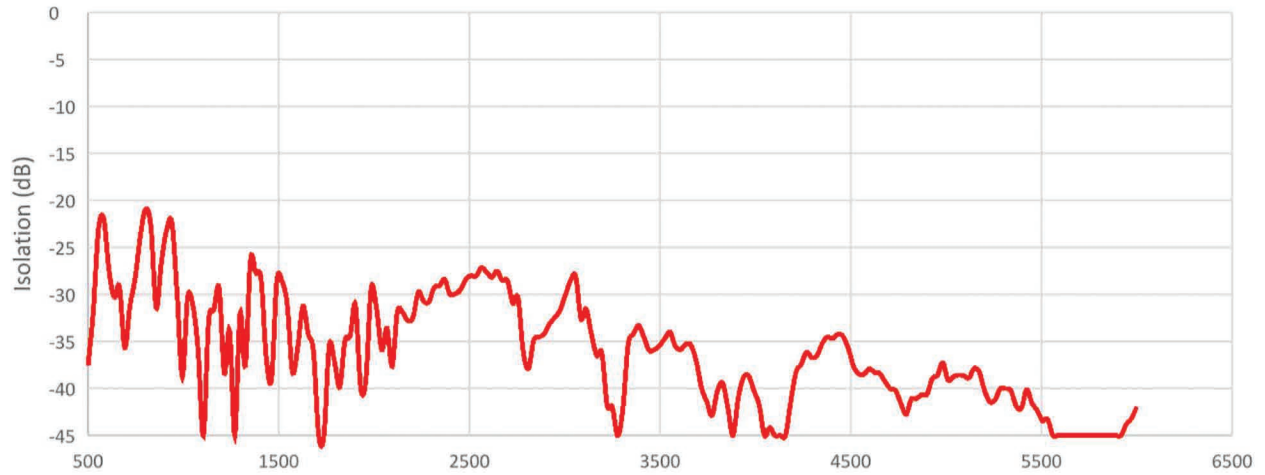
Isolation for Cable-1 and Cable-2: (5GNR)



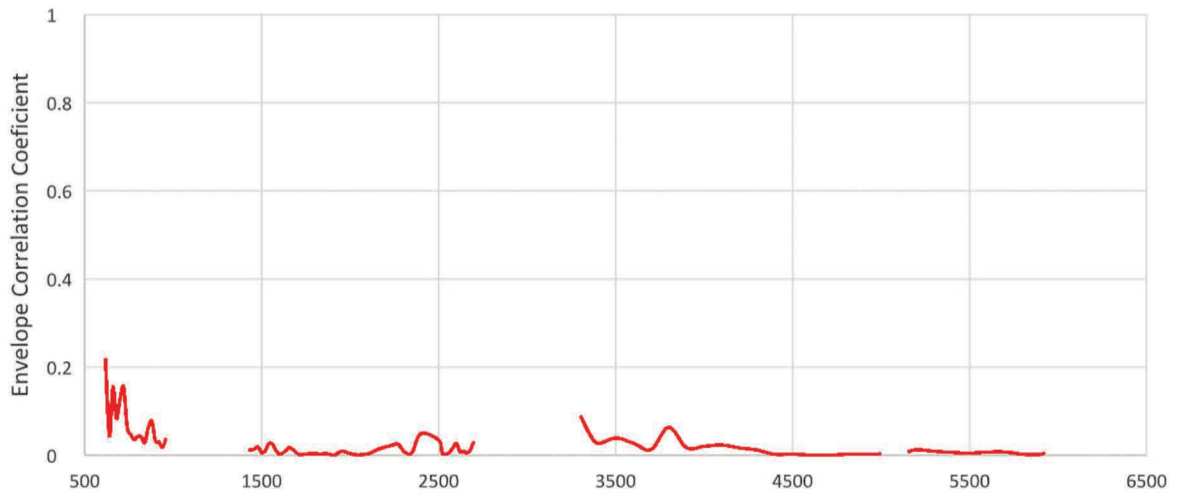
Envelope Correlation Coefficient for Cable-1 and Cable-2: (5GNR)



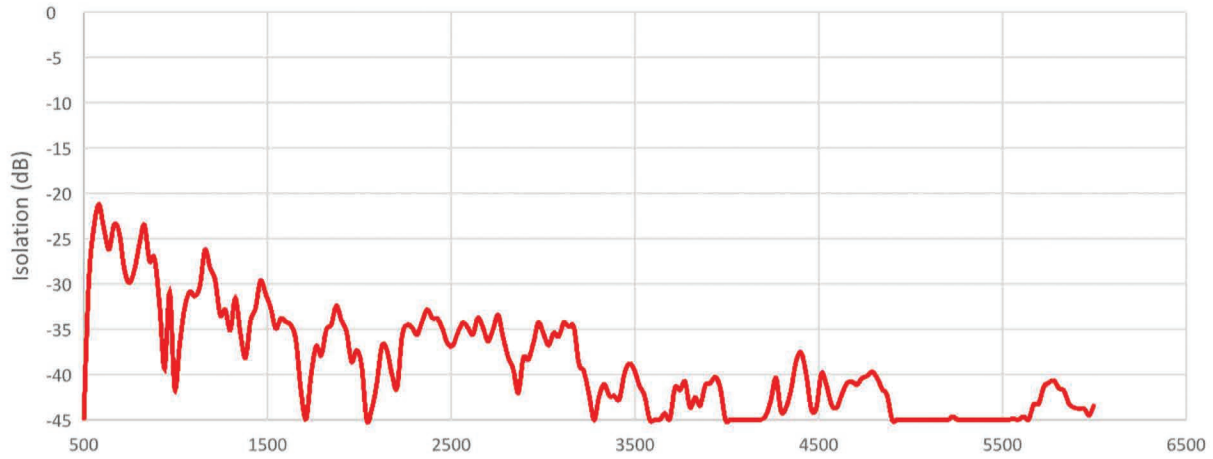
Isolation for Cables Cable-1 and Cable-3: (5GNR)



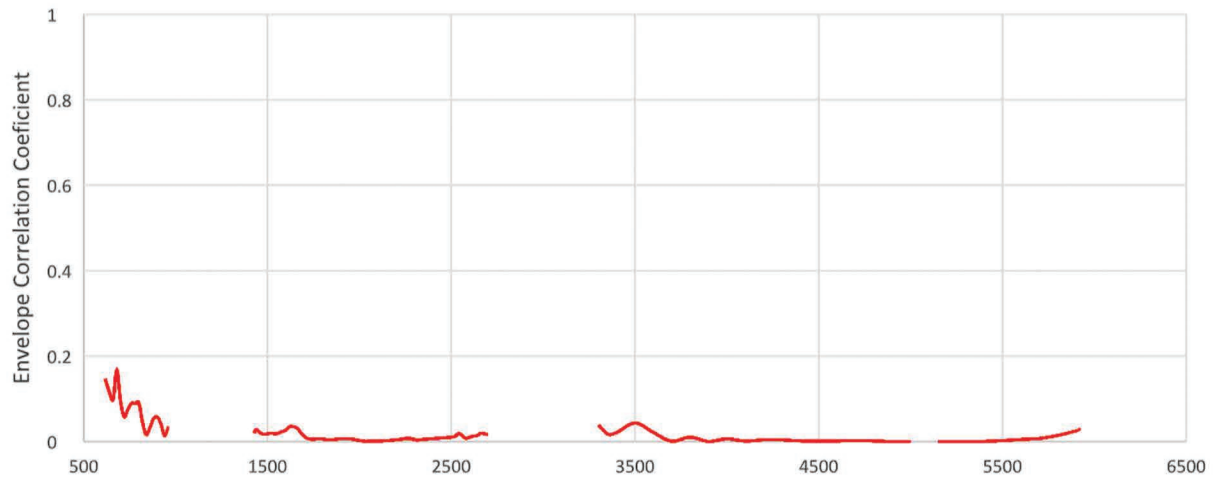
Envelope Correlation Coefficient for Cable-1 and Cable-3: (5GNR)



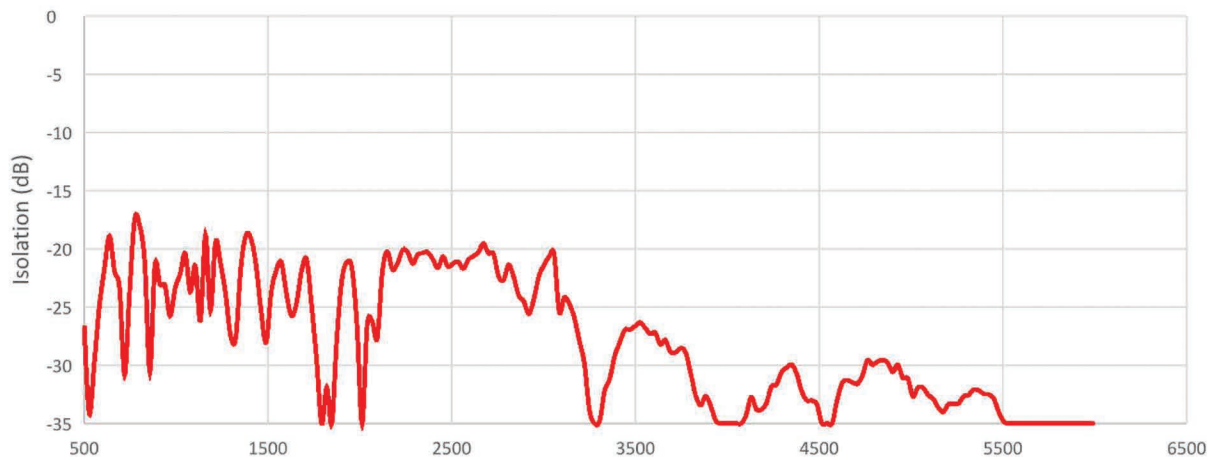
Isolation for Cables Cable-1 and Cable-4: (5GNR)



Envelope Correlation Coefficient for Cable-1 and Cable-4: (5GNR)



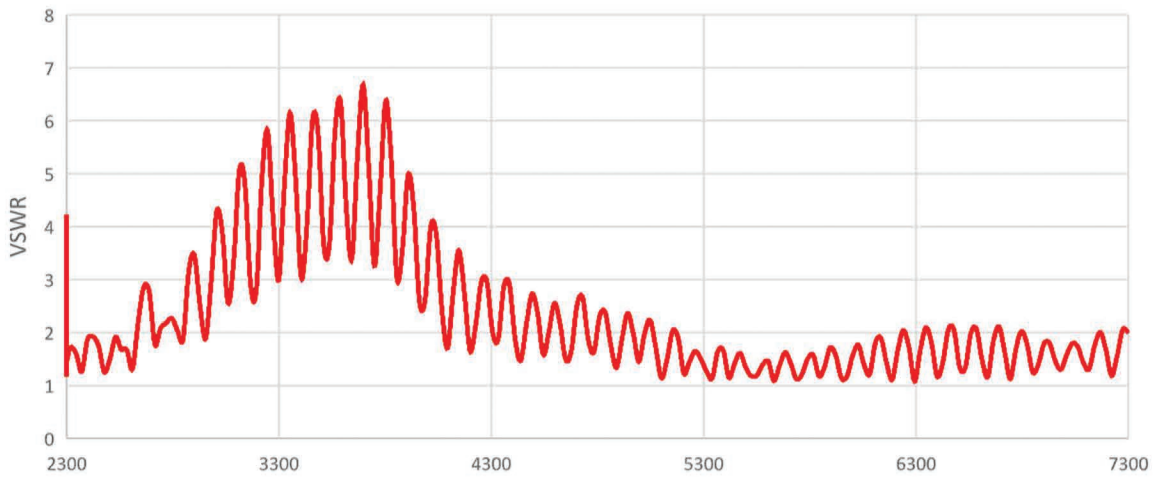
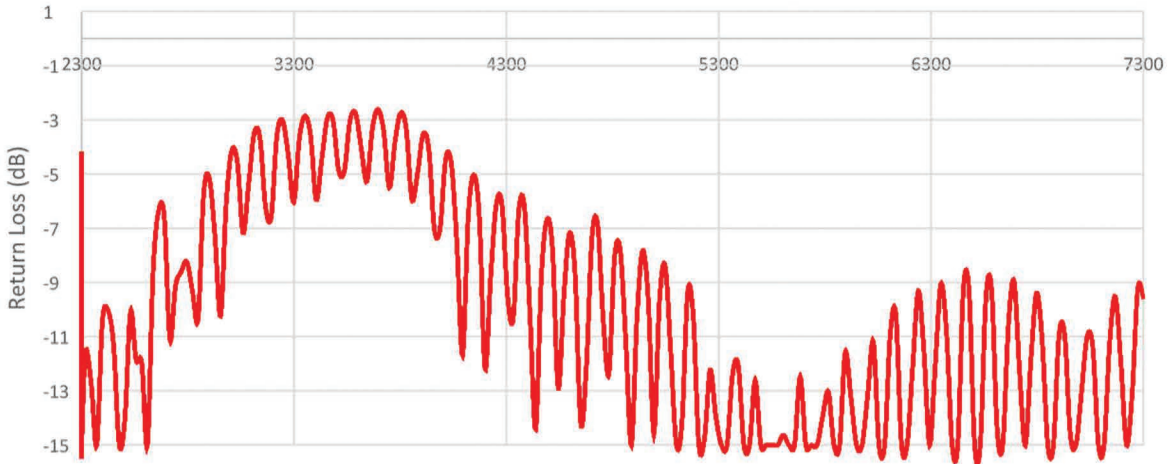
Isolation for Cables Cable-2 and Cable-3: (5GNR)

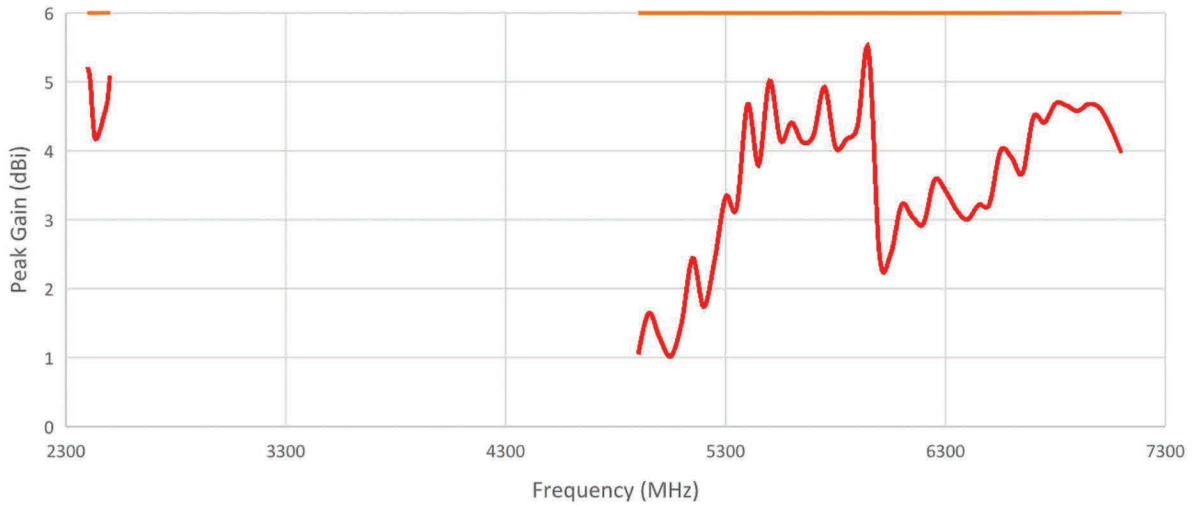
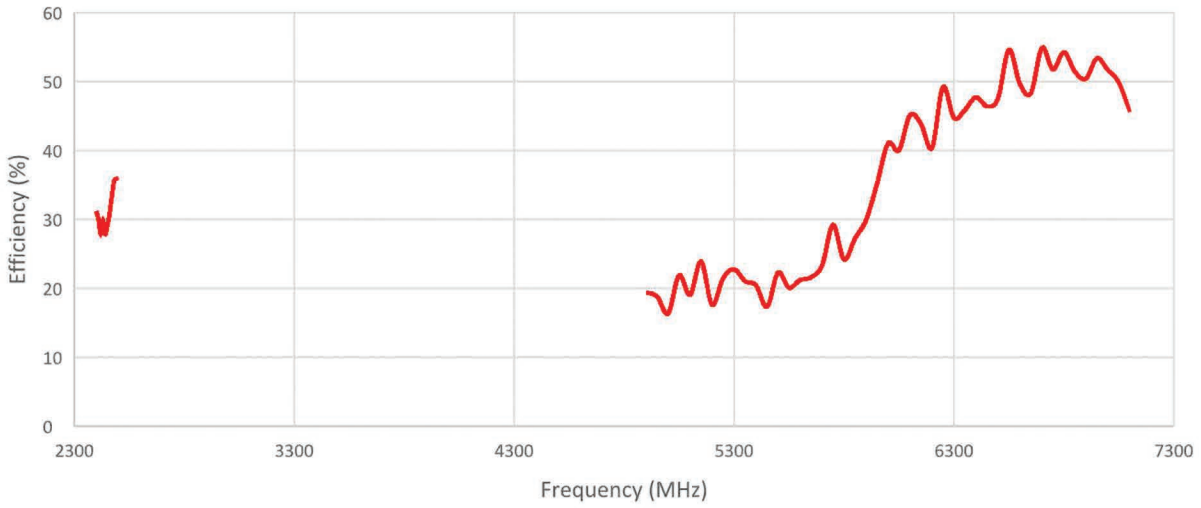


Envelope Correlation Coefficient for Cable-2 and Cable-3: (5GNR)

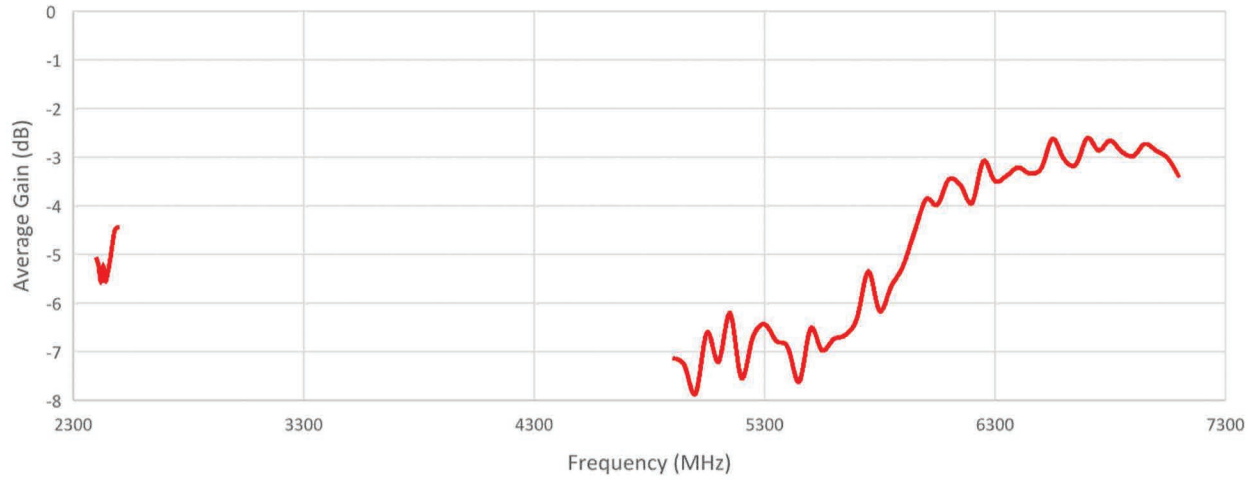


CABLE 5: 2.4/5.0/6.0-1

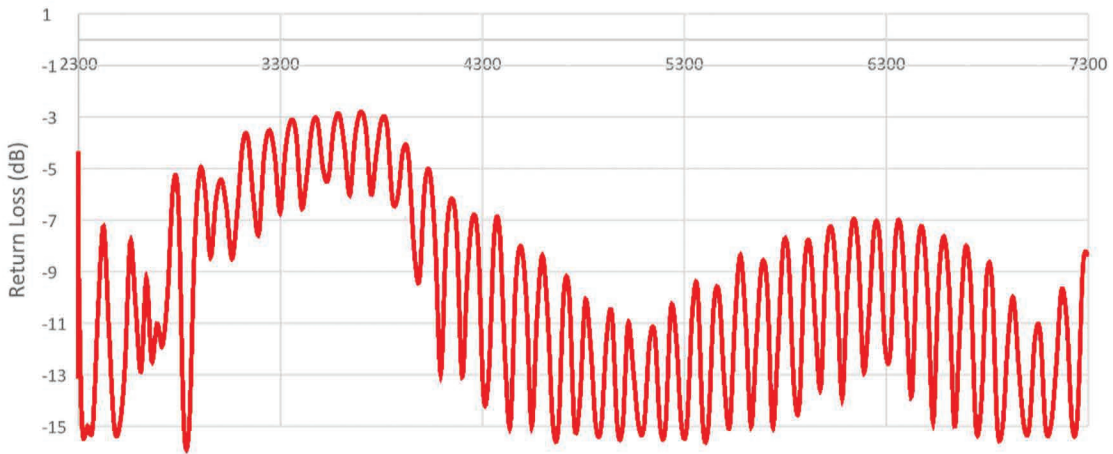


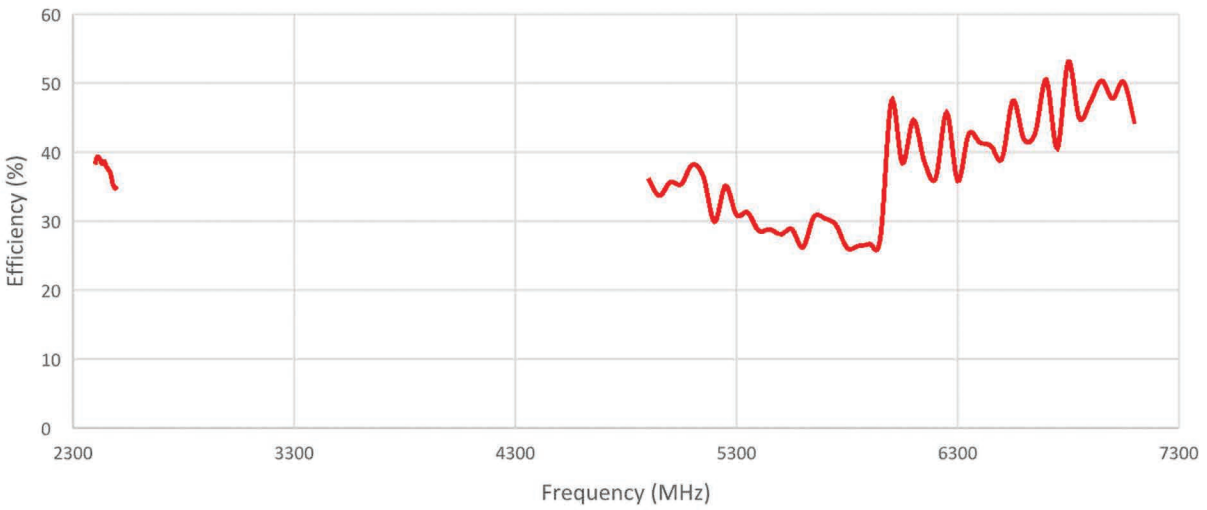
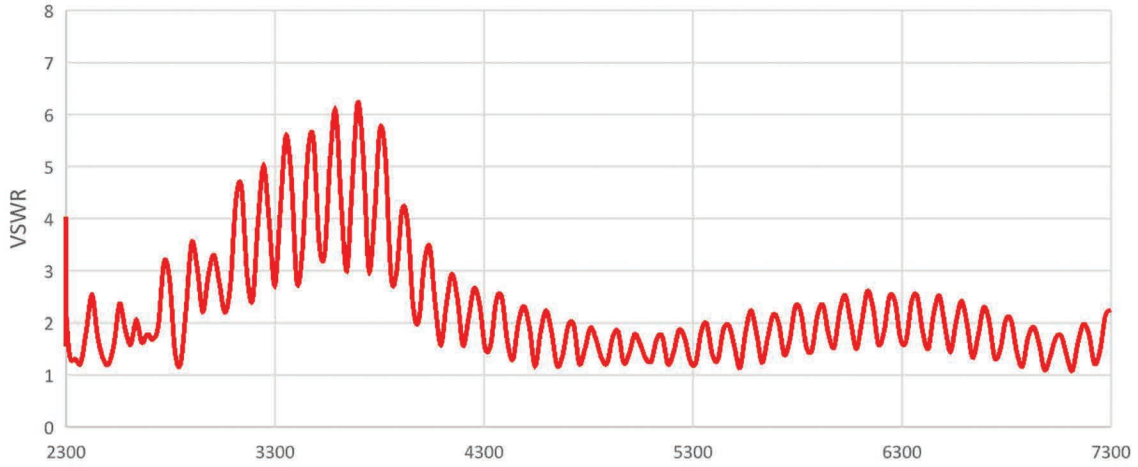


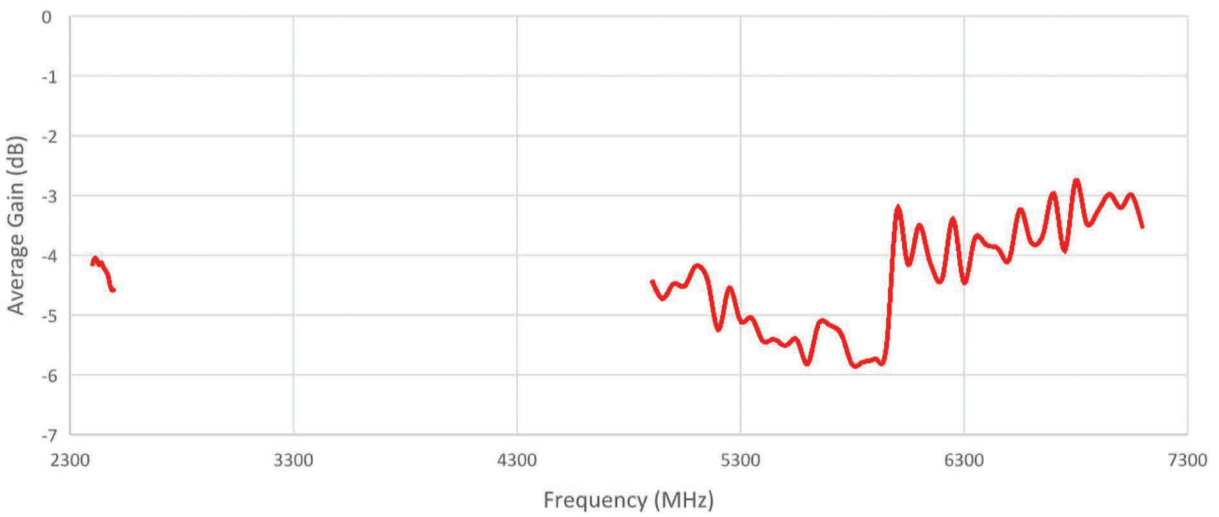
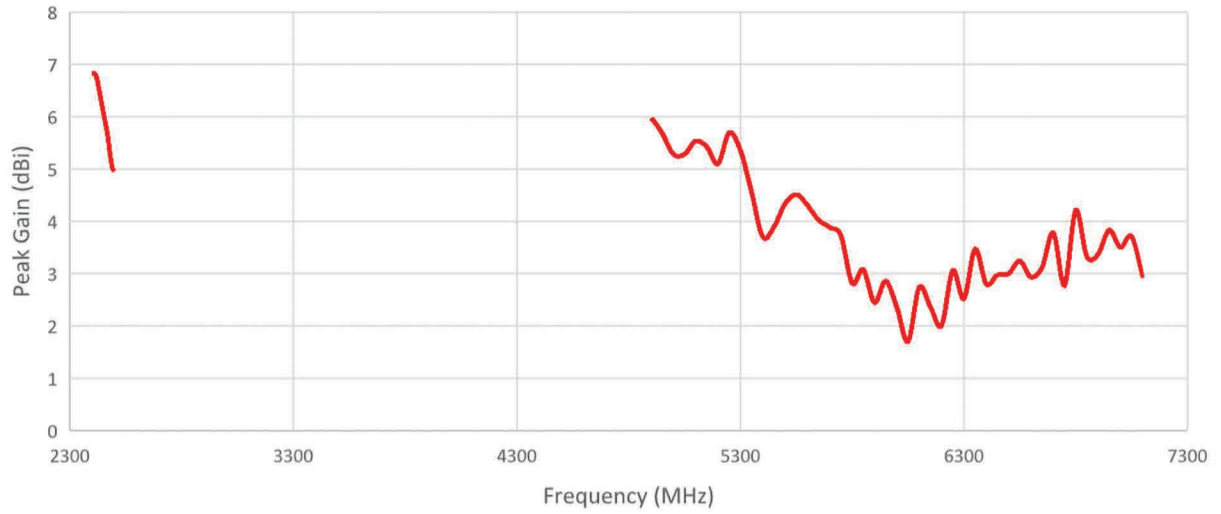
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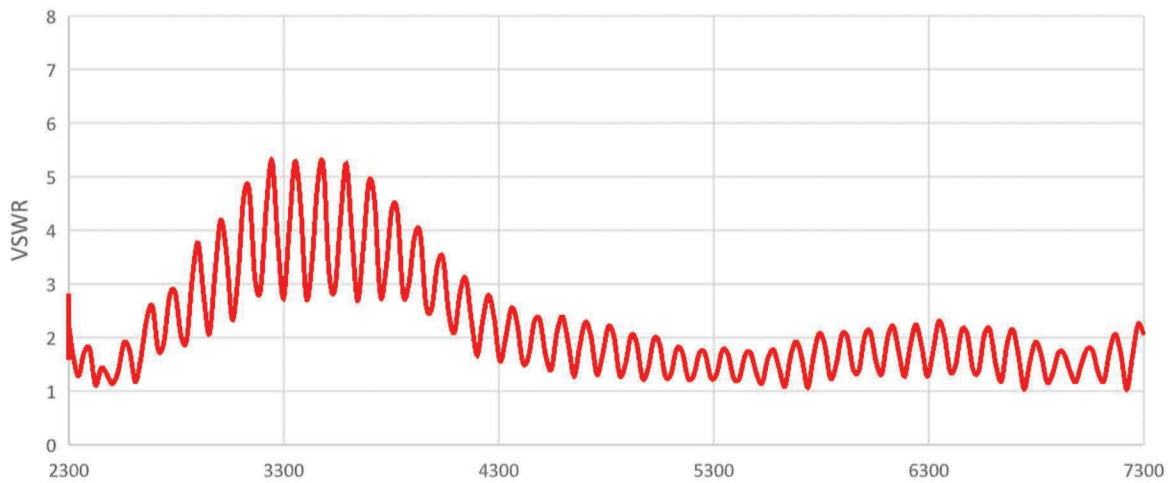
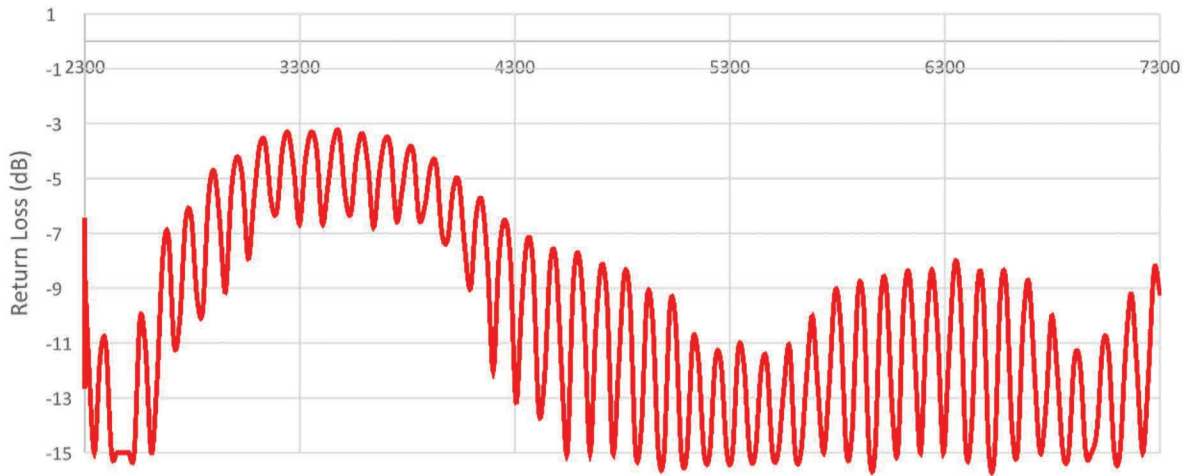
CABLE 6: 2.4/5.0/6.0-2

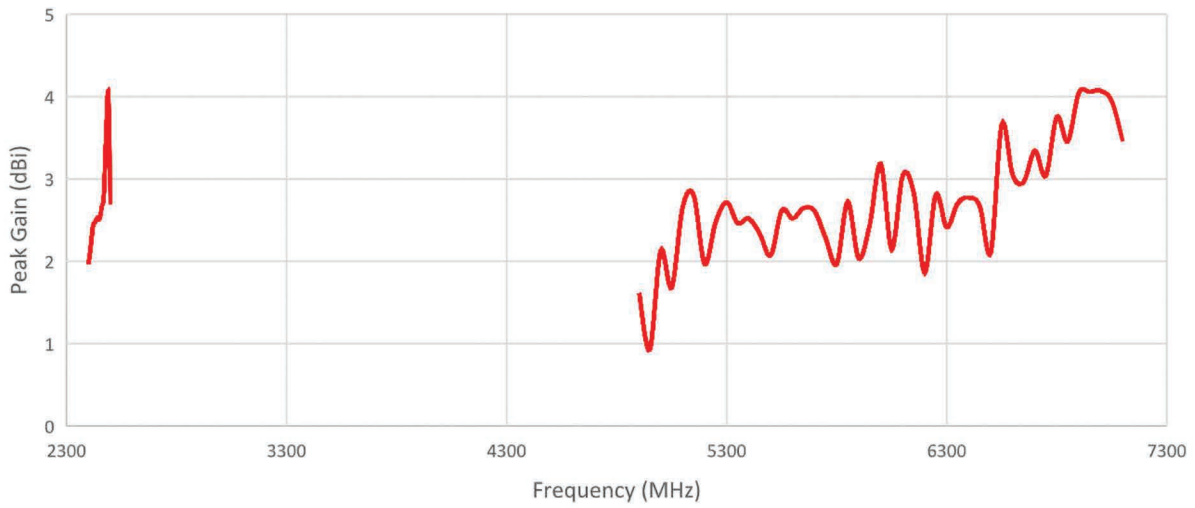
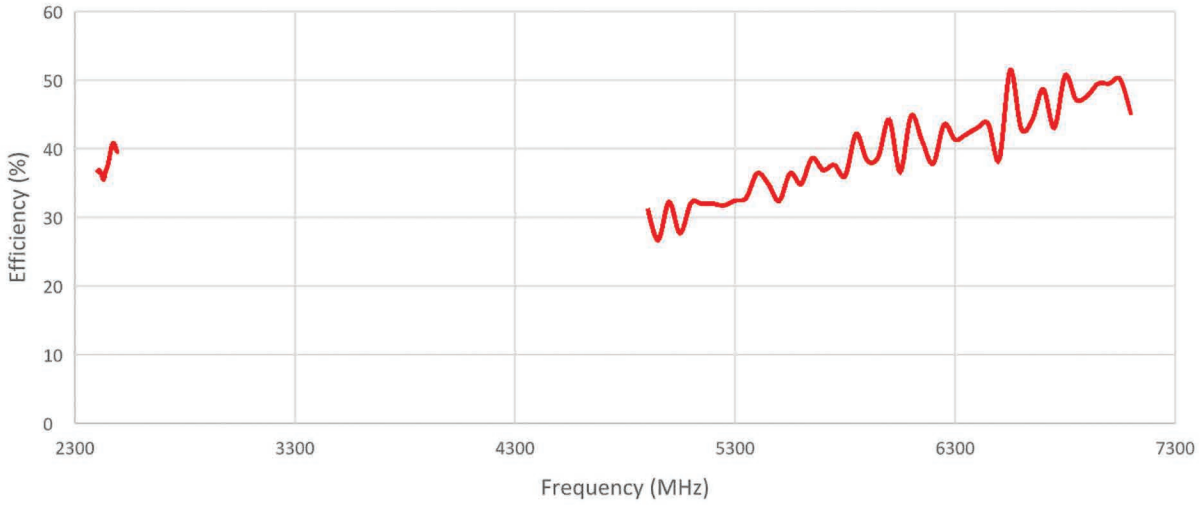


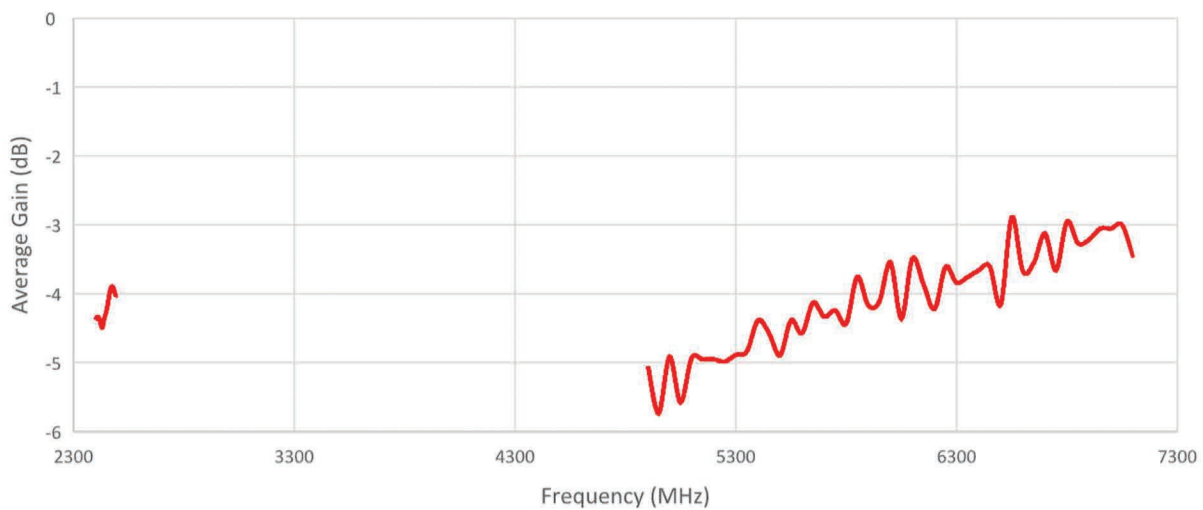




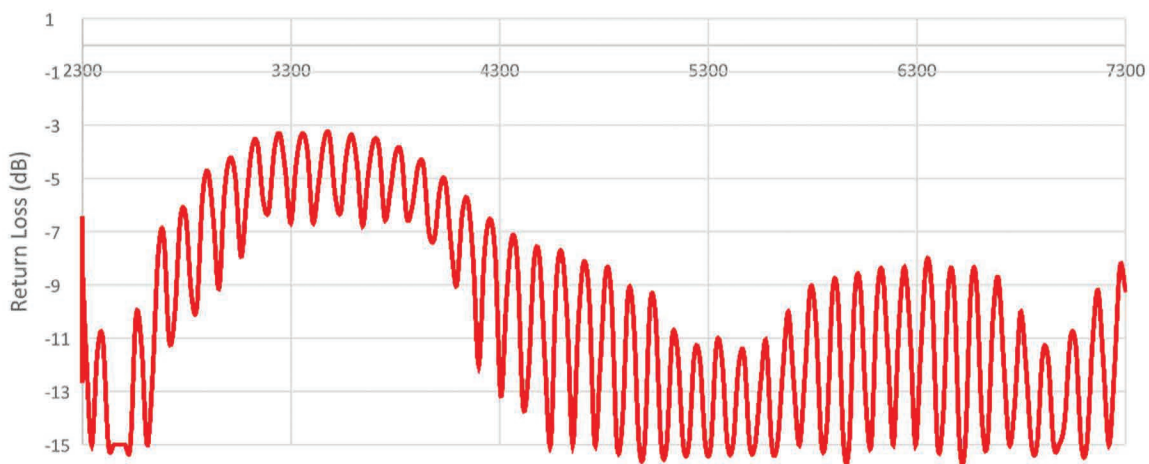
CABLE 7: 2.4/5.0/6.0-3

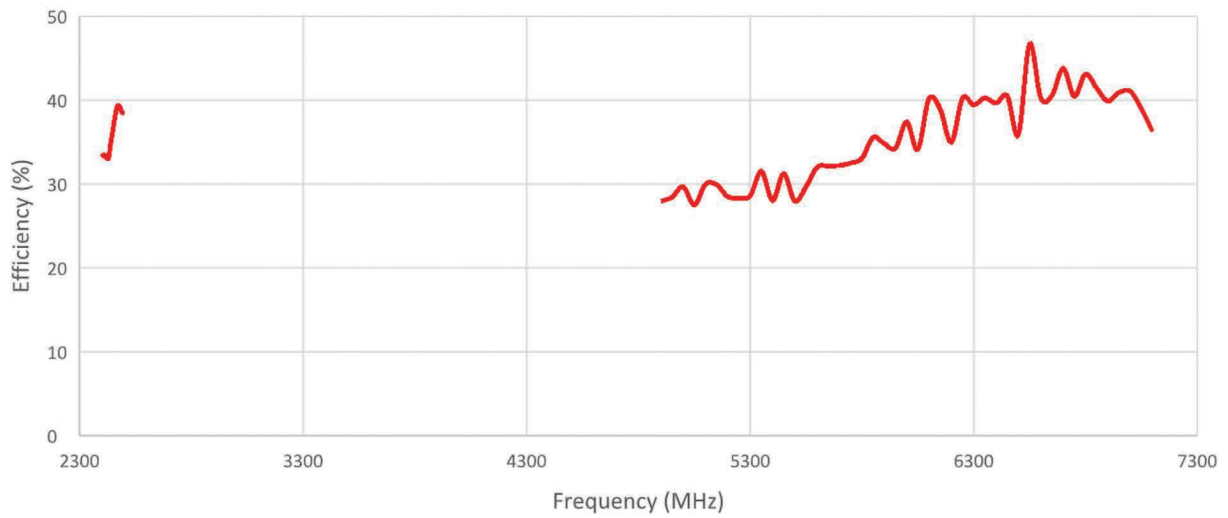
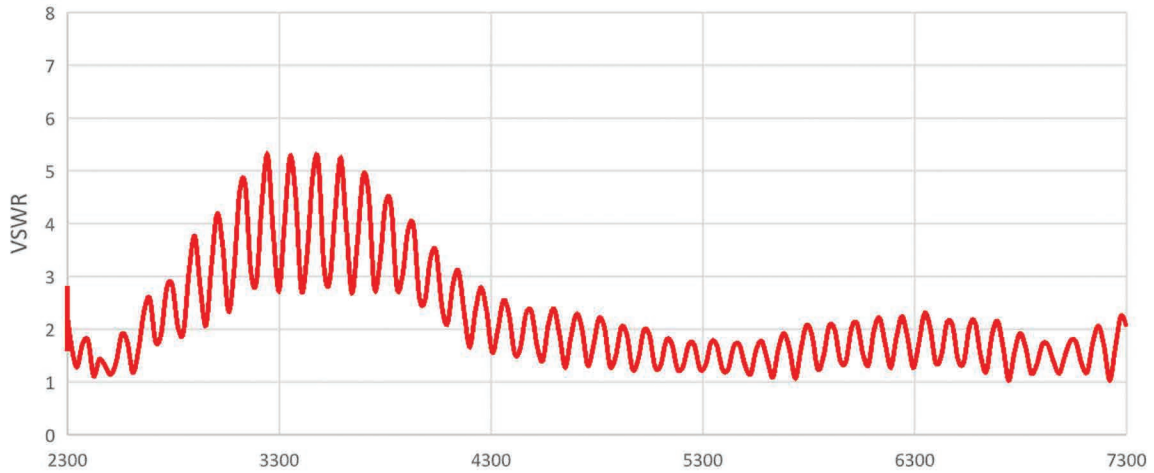




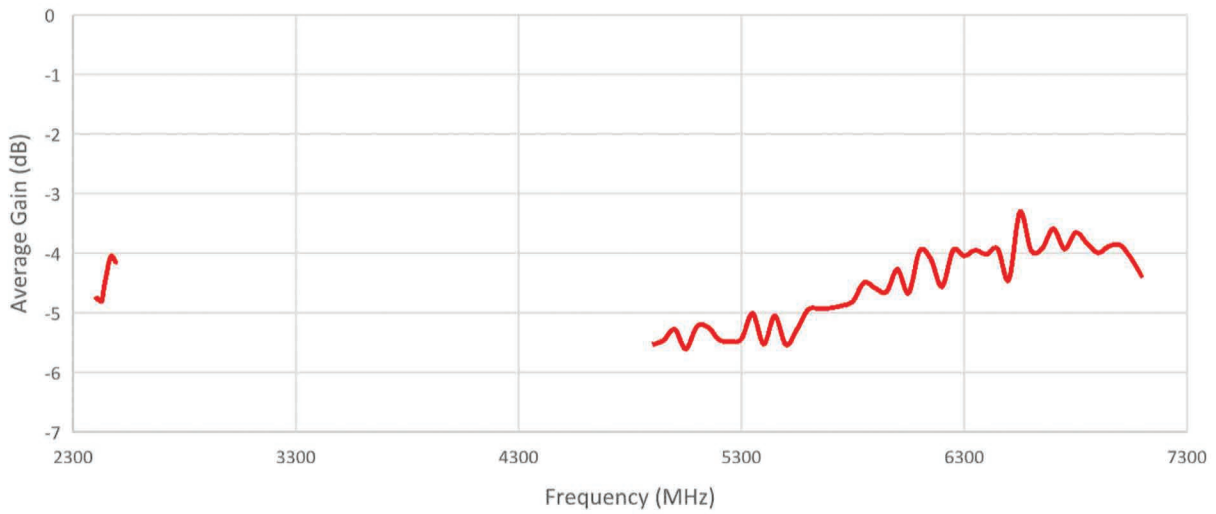
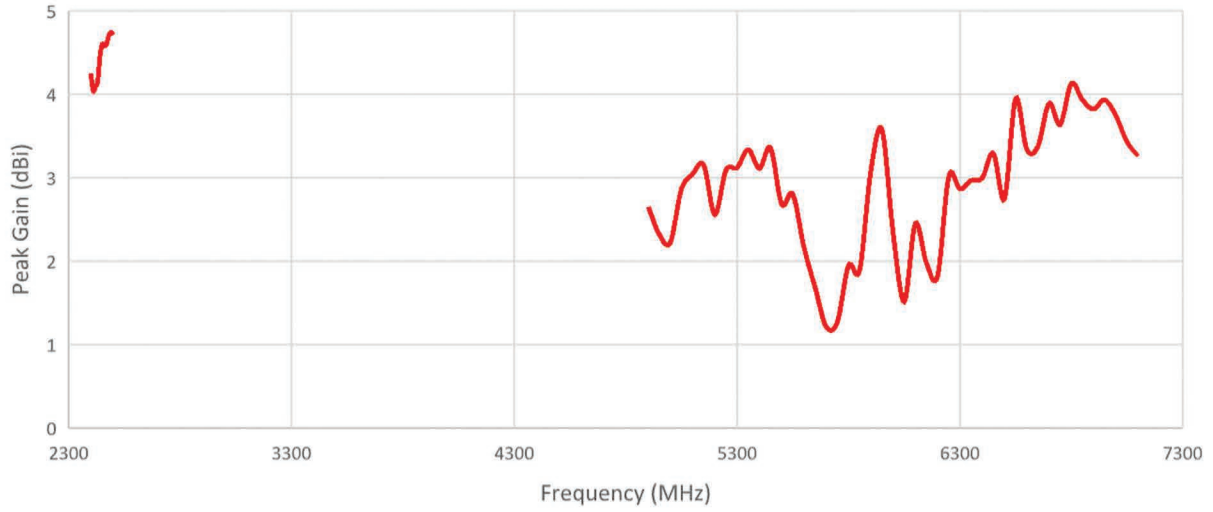


CABLE 8: 2.4/5.0/6.0-4

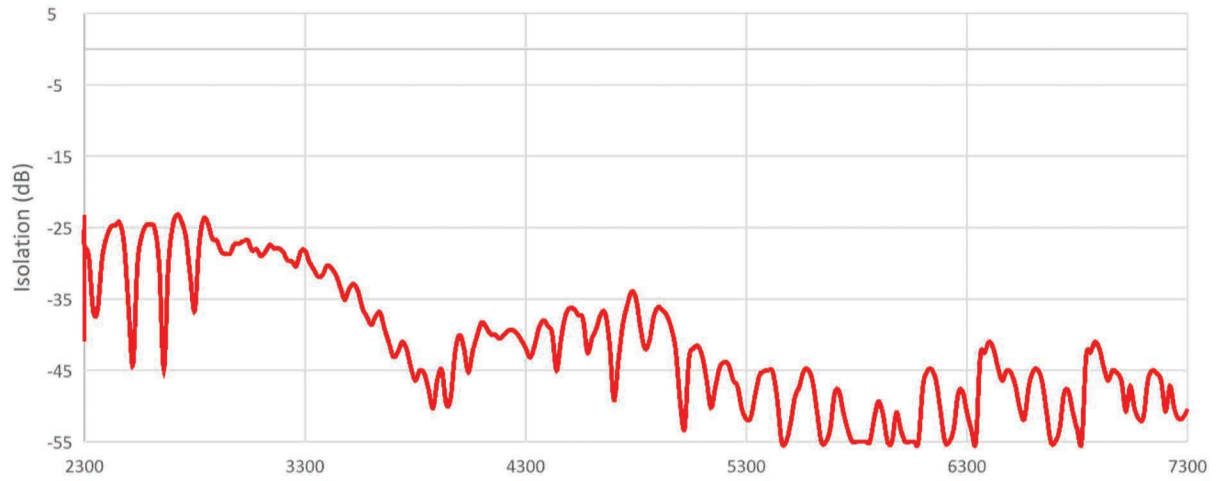




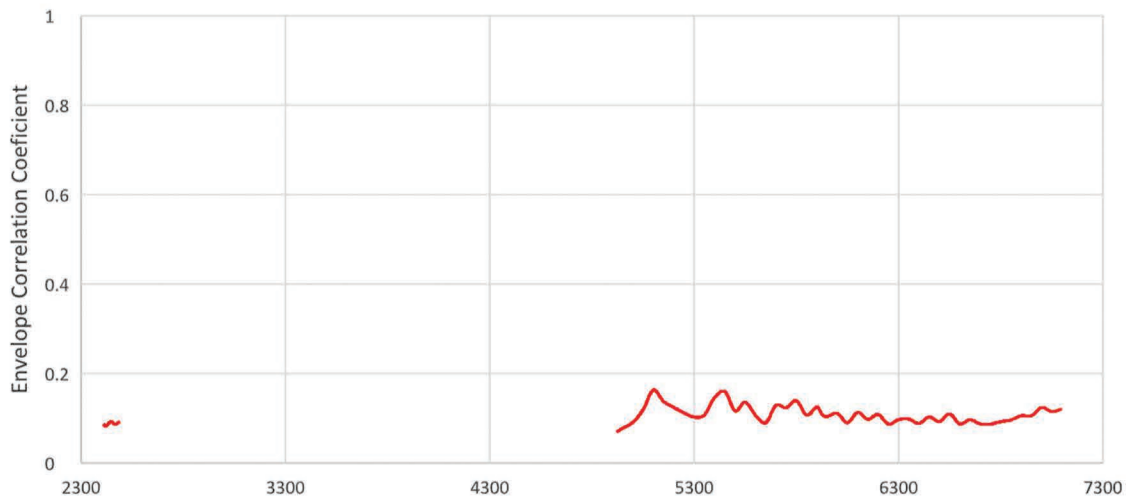
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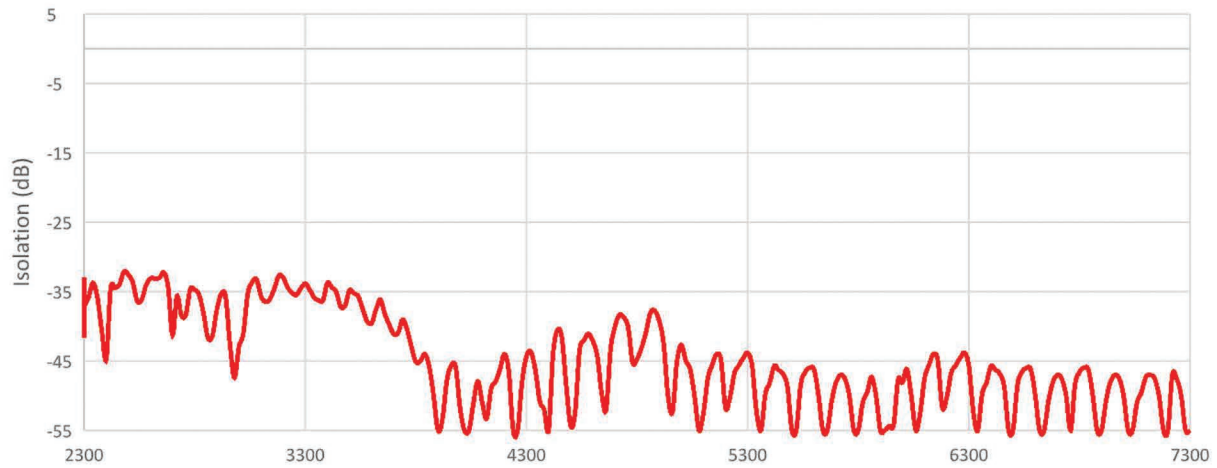
Isolation for Cable-5 and Cable-6: (2.4/5.0/6.0 GHz ISM)



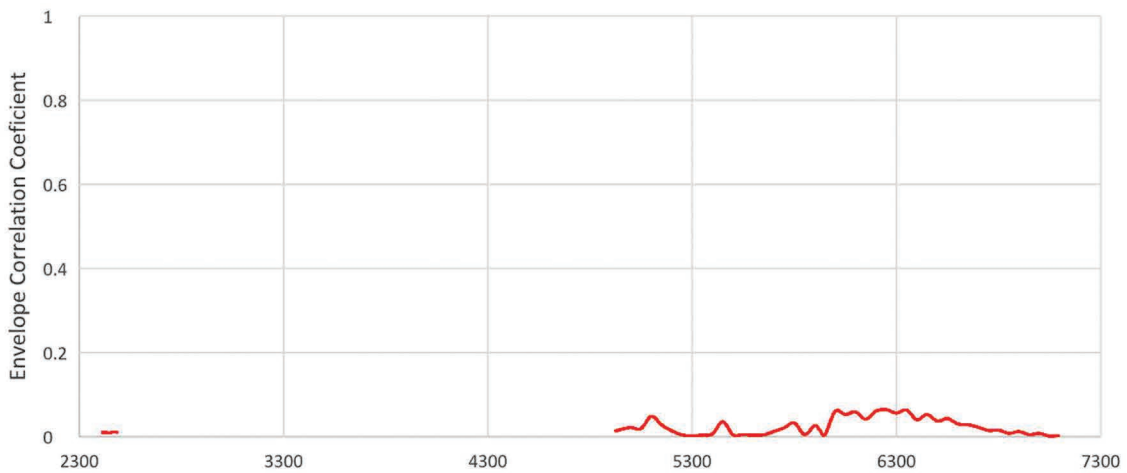
Envelope Correlation Coefficient for Cable-5 and Cable-6: (2.4/5.0/6.0 GHz ISM)



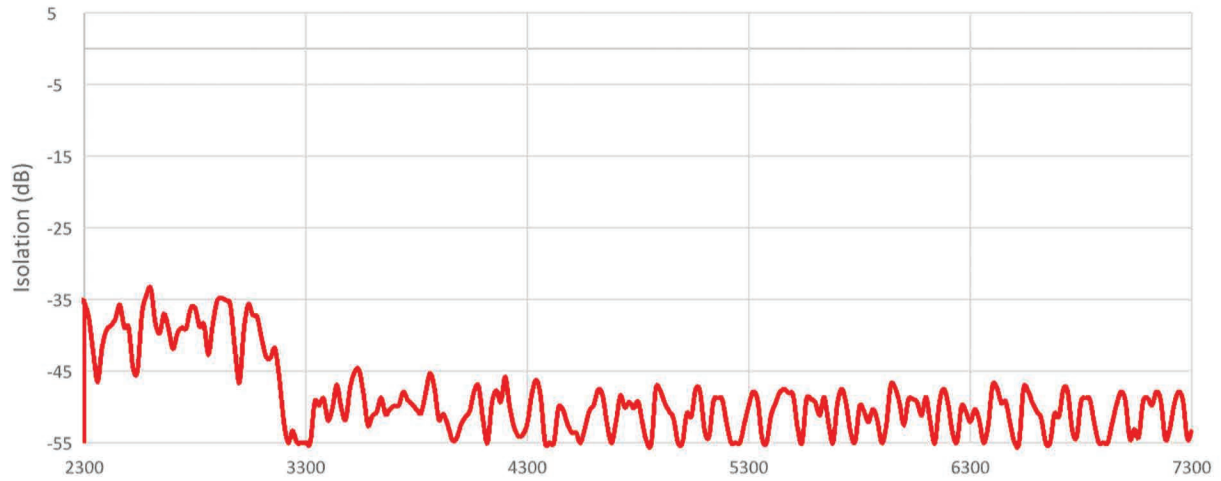
Isolation for Cables Cable 5 and Cable 7: (2.4/5.0/6.0 GHz ISM)



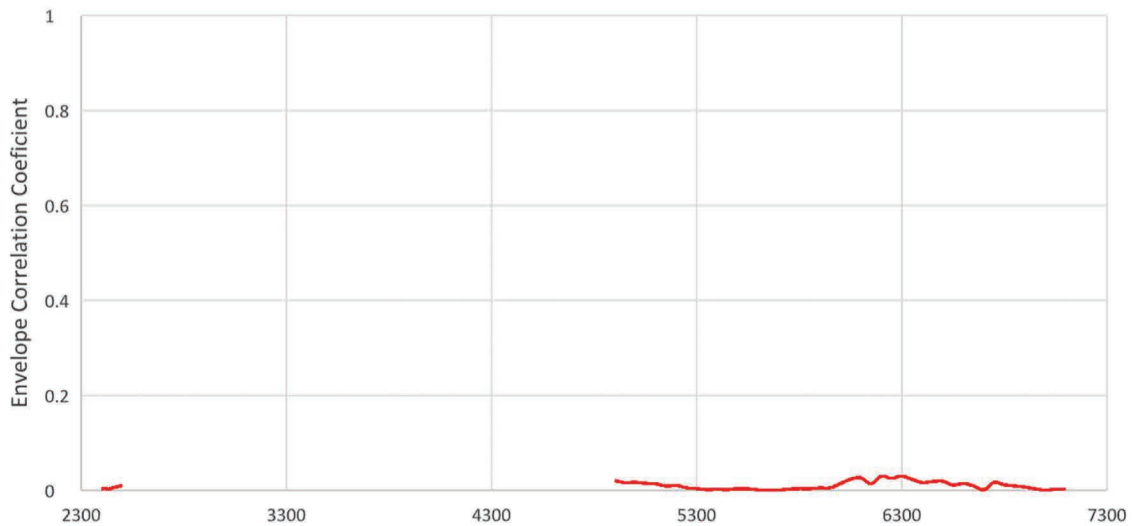
Envelope Correlation Coefficient for Cable 5 and Cable 7: (2.4/5.0/6.0 GHz ISM)



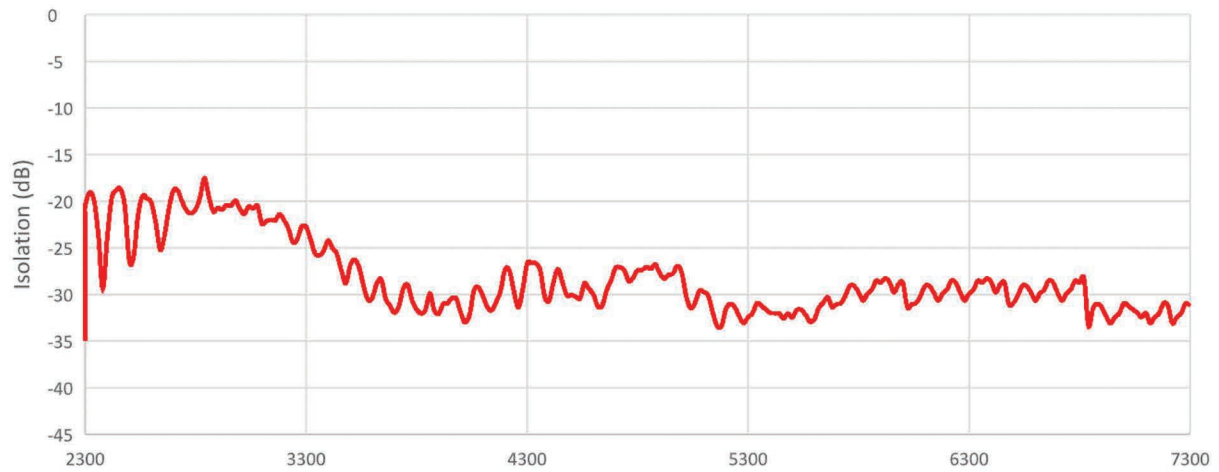
Isolation for Cables Cable 5 and Cable 8: (2.4/5.0/6.0 GHz ISM)



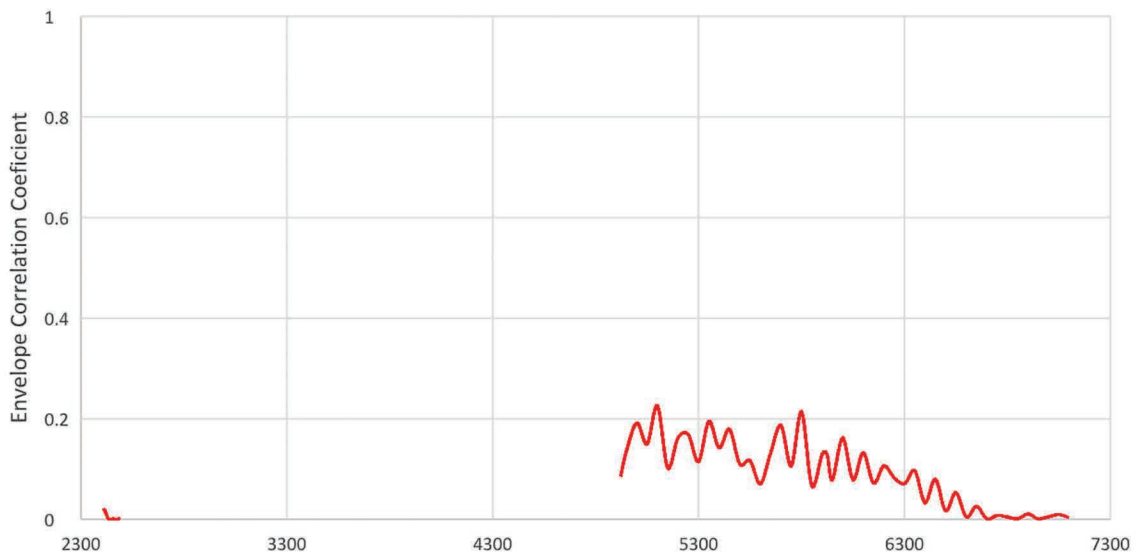
Envelope Correlation Coefficient for Cable 5 and Cable 8: (2.4/5.0/6.0 GHz ISM)



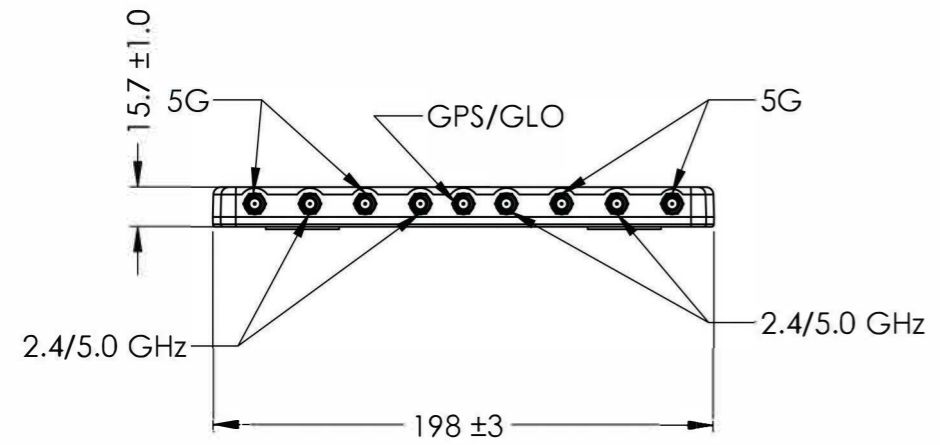
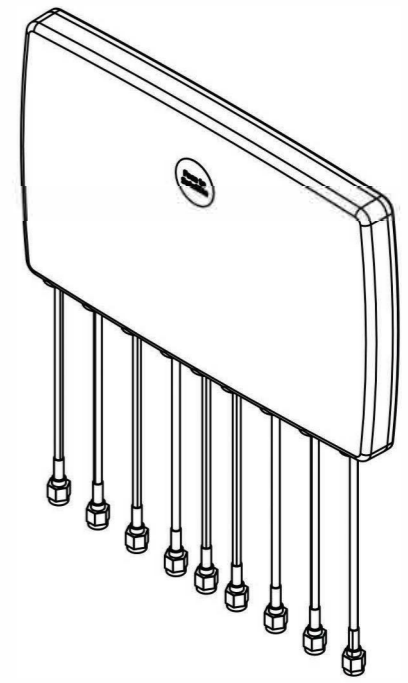
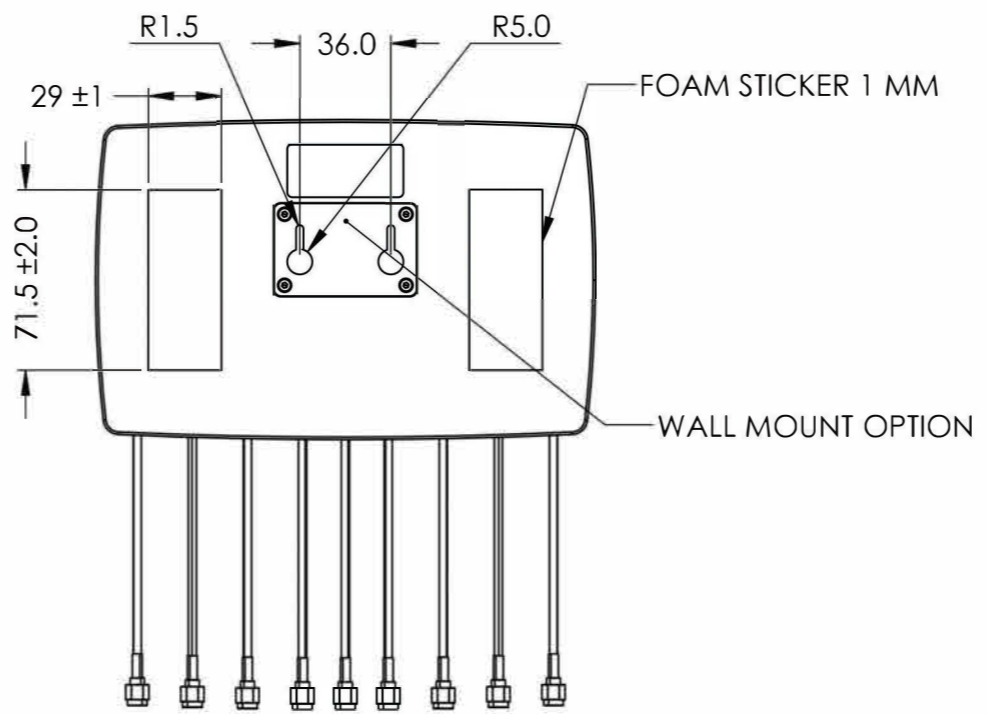
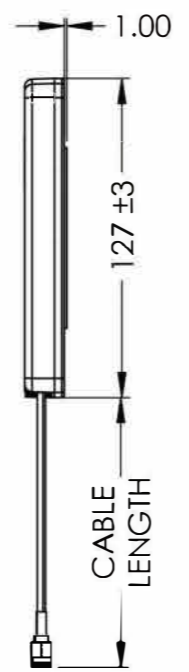
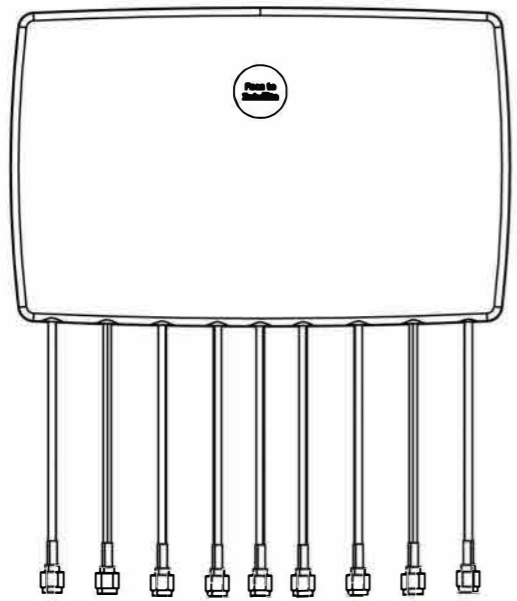
Isolation for Cables Cable 6 and Cable 7: (2.4/5.0/6.0 GHz ISM)



Envelope Correlation Coefficient for Cable 6 and Cable 7: (2.4/5.0/6.0 GHz ISM)



| DRAWING REVISION HISTORY | | | |
|--------------------------|-----------------|------------|----|
| REV | DESCRIPTION | DATE | BY |
| A | INITIAL RELEASE | 2024-08-26 | MP |



NOTES:

- FREQUENCY:
 - CABLE 1-4: 5GNR (617-960 MHz, 1427-2690 MHz, 3300-5000 MHz AND 5150-5925 MHz)
 - CABLE 5-8: 2.4/5.0 GHz ISM (2410-2490 MHz, 4920-5925 MHz AND 5925-7125 MHz)
 - CABLE 9: GPS/GLONASS/GALILEO/QZSS (1575 -1606 MHz)
- CUSTOMIZABLE CABLE AND CONNECTOR OPTIONS
- MOUNTING TYPE: ADHESIVE MOUNT
- DIMENSIONS ARE AFTER MOUNTING
- MATERIALS:
 - RADOME: ASA UV STABLE
 - ANTENNA BASE: ABS
 - RADOME COLOR: BLACK
- OPERATING TEMPERATURE: -40°C ~ +85°C
- STORAGE TEMPERATURE: -40°C ~ +85°C
- CERTIFICATIONS: IP67, IP69, CE

| 100-00355-01 CONFIGURATION TABLE | | | | |
|----------------------------------|--|--------------|-------------------------------------|--------------|
| DASH NO | CABLE TYPE | CABLE LENGTH | CONNECTOR TYPE | RADOME COLOR |
| -01 | CABLE 1-4: D302 CABLE 5-8: D302 CABLE 9: LL100 | 300CM | SMA MALE SMA MALE-RP SMA MALE | BLACK |

| ITEM 100-00355-01 REVISION HISTORY | | | |
|------------------------------------|-----------------|------------|----|
| REV | DESCRIPTION | DATE | BY |
| A | INITIAL RELEASE | 2024-08-26 | MP |

UNLESS OTHERWISE SPECIFIED:

| | NAME | DATE |
|-----------|------|------------|
| DRAWN | MP | 2024-08-26 |
| CHECKED | BO | 2024-08-26 |
| ENG APPR. | AV | 2024-08-27 |
| MFG APPR. | | |
| | Q.A. | |

DIMENSIONS ARE IN MM
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± .5° BEND ±
ONE PLACE DECIMAL ± 1.0
TWO PLACE DECIMAL ± .50

INTERPRET GEOMETRIC TOLERANCING PER:

THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

MAXTENA, INC

TITLE: 100-00355-01
MEA-9 IN 1-AM

| | | |
|------|--------------|-----|
| SIZE | DWG. NO. | REV |
| B | 117-00818-01 | A |

CAGE CODE: 5KQH7 SCALE: NONE SHEET 1 OF 1