

# BAND EDGE COMPLIANCE - 5G NR



XMit 2020.12.30.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

## TEST EQUIPMENT

| Description                  | Manufacturer       | Model  | ID  | Last Cal.  | Cal. Due   |
|------------------------------|--------------------|--------|-----|------------|------------|
| Analyzer - Spectrum Analyzer | Agilent            | N9010A | AFL | 2021-03-11 | 2022-03-11 |
| Block - DC                   | Fairview Microwave | SD3239 | ANC | 2021-06-24 | 2022-06-24 |
| Generator - Signal           | Agilent            | N5173B | TIW | 2020-07-17 | 2023-07-17 |

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions at the edges of the authorized bands were measured with the EUT set to low and high transmit frequencies in the available band. The channels closest to the band edges were selected. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

Per FCC Part 27.53(m)(2), the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm. The BTS may operate as a 8 port MIMO transmitter with transmitter outputs connected to four cross-polarized antennas [four transmitter outputs are connected to (+) radiators and four transmitter outputs are connected to (-) radiators]. The limit is adjusted to -19 dBm [-13 dBm -10 log (4)] per FCC KDB 662911D01 v02r01, ANSI C63.26-2015 section 6.4.6.3 b)2) and KDB 662911 D02v01 page 3 example (2) since the transmitter outputs to each antenna are 90 degree-phase shifted relative to each other (cross-polarized radiators).

Per FCC 27.53(m)(6), "Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.....A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified)".

RF conducted emissions testing was performed only on one port. The AZHL antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as shown during output power testing) and antenna port 1 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraphs 5.2.5.3, 5.7.2i, and 6.4.

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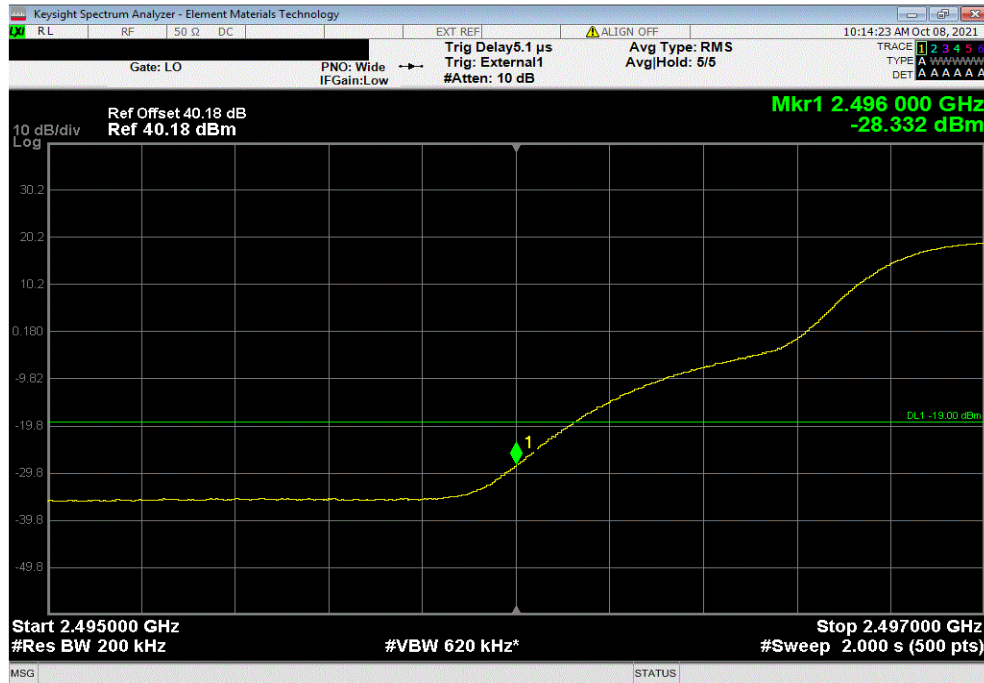
|                                                                                                                                                                                                                                                 |                          |                                                                                             |                 |             |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------|-----------------|-------------|--------|
| EUT: AZHL (C2PC LTE/5G NR B41)                                                                                                                                                                                                                  |                          | Work Order: NOKI0035                                                                        |                 |             |        |
| Serial Number: YK203400025                                                                                                                                                                                                                      |                          | Date: 8-Oct-21                                                                              |                 |             |        |
| Customer: Nokia Solutions and Networks                                                                                                                                                                                                          |                          | Temperature: 21.1 °C                                                                        |                 |             |        |
| Attendees: David Le, John Rattanavong                                                                                                                                                                                                           |                          | Humidity: 50.6% RH                                                                          |                 |             |        |
| Project: None                                                                                                                                                                                                                                   |                          | Barometric Pres.: 1021 mbar                                                                 |                 |             |        |
| Tested by: Brandon Hobbs                                                                                                                                                                                                                        |                          | Power: 54 VDC                                                                               | Job Site: TX09  |             |        |
| TEST SPECIFICATIONS                                                                                                                                                                                                                             |                          | Test Method                                                                                 |                 |             |        |
| FCC 27:2021                                                                                                                                                                                                                                     |                          | ANSI C63.26:2015                                                                            |                 |             |        |
| COMMENTS                                                                                                                                                                                                                                        |                          |                                                                                             |                 |             |        |
| All losses in the measurement path were accounted for: attenuators, cables, DC block and filter when in use. Band n41 carriers and enabled at maximum power. External 1 gating was set using a trig delay = 86.2us and a gate length = 3.714ms. |                          |                                                                                             |                 |             |        |
| DEVIATIONS FROM TEST STANDARD                                                                                                                                                                                                                   |                          |                                                                                             |                 |             |        |
| None                                                                                                                                                                                                                                            |                          |                                                                                             |                 |             |        |
| Configuration #                                                                                                                                                                                                                                 | 2                        | Signature  |                 |             |        |
|                                                                                                                                                                                                                                                 |                          | Frequency Range                                                                             | Max Value (dBm) | Limit (dBm) | Result |
| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz                                                                                                                                                                                                    |                          |                                                                                             |                 |             |        |
| (NR20) 20 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2506.02 MHz  | 1                                                                                           | -28.3           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2506.02 MHz  | 2                                                                                           | -26.8           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2679.99 MHz | 1                                                                                           | -26.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2679.99 MHz | 2                                                                                           | -25.8           | -19         | Pass   |
| (NR30) 30 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2511.00 MHz  | 1                                                                                           | -25.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2511.00 MHz  | 2                                                                                           | -27.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2674.98 MHz | 1                                                                                           | -25.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2674.98 MHz | 2                                                                                           | -26.3           | -19         | Pass   |
| (NR40) 40 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2516.01 MHz  | 1                                                                                           | -27.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2516.01 MHz  | 2                                                                                           | -26.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2670.00 MHz | 1                                                                                           | -26.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2670.00 MHz | 2                                                                                           | -25.5           | -19         | Pass   |
| (NR50) 50 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2521.02 MHz  | 1                                                                                           | -28.0           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2521.02 MHz  | 2                                                                                           | -26.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2664.99 MHz | 1                                                                                           | -26.5           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2664.99 MHz | 2                                                                                           | -25.5           | -19         | Pass   |
| (NR60) 60 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2526.00 MHz  | 1                                                                                           | -25.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2526.00 MHz  | 2                                                                                           | -26.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2659.98 MHz | 1                                                                                           | -24.3           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2659.98 MHz | 2                                                                                           | -24.7           | -19         | Pass   |
| (NR70) 70 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2531.01 MHz  | 1                                                                                           | -28.2           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2531.01 MHz  | 2                                                                                           | -28.0           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2531.01 MHz  | 3                                                                                           | -27.2           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2531.01 MHz  | 4                                                                                           | -27.2           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2655.00 MHz | 1                                                                                           | -26.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2655.00 MHz | 2                                                                                           | -26.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2655.00 MHz | 3                                                                                           | -25.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2655.00 MHz | 4                                                                                           | -24.5           | -19         | Pass   |
| (NR80) 80 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2536.02 MHz  | 1                                                                                           | -26.8           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2536.02 MHz  | 2                                                                                           | -26.7           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2536.02 MHz  | 3                                                                                           | -26.2           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2536.02 MHz  | 4                                                                                           | -26.3           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2649.99 MHz | 1                                                                                           | -24.6           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2649.99 MHz | 2                                                                                           | -24.6           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2649.99 MHz | 3                                                                                           | -23.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2649.99 MHz | 4                                                                                           | -23.2           | -19         | Pass   |
| (NR90) 90 MHz Bandwidth                                                                                                                                                                                                                         |                          |                                                                                             |                 |             |        |
| QPSK Modulation                                                                                                                                                                                                                                 |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 1                                                                                           | -26.3           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 2                                                                                           | -26.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 3                                                                                           | -26.3           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 4                                                                                           | -26.2           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 1                                                                                           | -23.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 2                                                                                           | -23.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 3                                                                                           | -23.5           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 4                                                                                           | -23.2           | -19         | Pass   |
| 16QAM Modulation                                                                                                                                                                                                                                |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 1                                                                                           | -26.0           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 2                                                                                           | -26.0           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 3                                                                                           | -25.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 4                                                                                           | -26.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 1                                                                                           | -23.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 2                                                                                           | -24.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 3                                                                                           | -24.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 4                                                                                           | -23.3           | -19         | Pass   |
| 64QAM Modulation                                                                                                                                                                                                                                |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 1                                                                                           | -25.2           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 2                                                                                           | -25.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 3                                                                                           | -26.1           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 4                                                                                           | -25.8           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 1                                                                                           | -23.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 2                                                                                           | -23.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 3                                                                                           | -23.5           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 4                                                                                           | -23.0           | -19         | Pass   |
| 256QAM Modulation                                                                                                                                                                                                                               |                          |                                                                                             |                 |             |        |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 1                                                                                           | -25.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 2                                                                                           | -25.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 3                                                                                           | -25.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | Low Channel 2541.00 MHz  | 4                                                                                           | -25.9           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 1                                                                                           | -23.4           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 2                                                                                           | -23.7           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 3                                                                                           | -23.8           | -19         | Pass   |
|                                                                                                                                                                                                                                                 | High Channel 2644.98 MHz | 4                                                                                           | -23.4           | -19         | Pass   |

# BAND EDGE COMPLIANCE - 5G NR

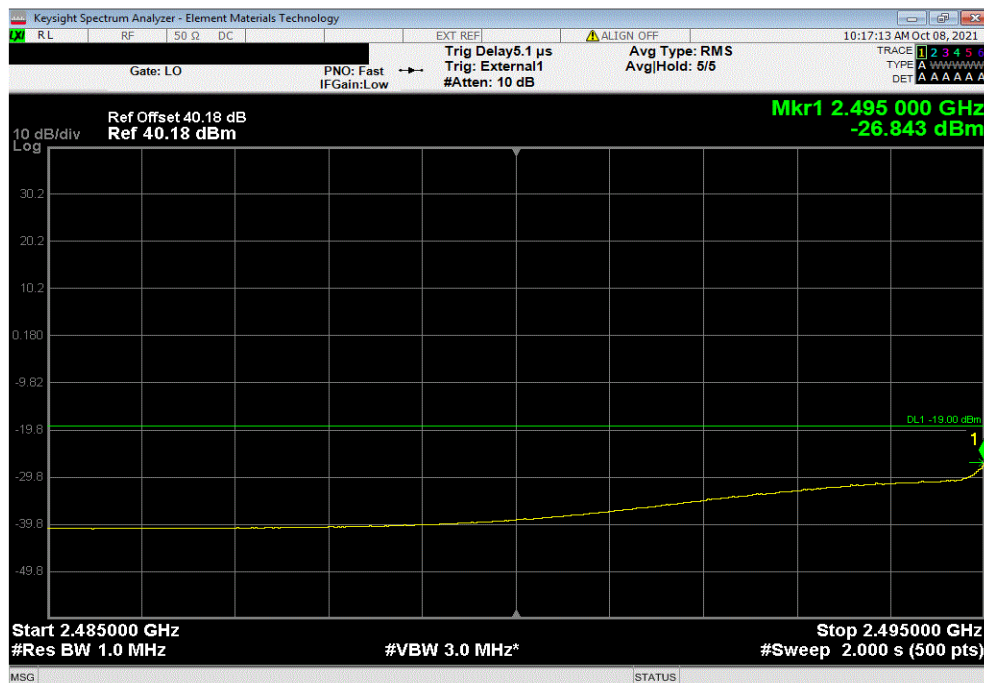


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR20) 20 MHz Bandwidth, 256QAM Modulation, Low Channel 2506.02 MHz |  |  |  |                 |             |        |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------|-------------|--------|
| Frequency Range                                                                                                   |  |  |  | Max Value (dBm) | Limit (dBm) | Result |
| 1                                                                                                                 |  |  |  | -28.33          | -19         | Pass   |

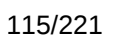
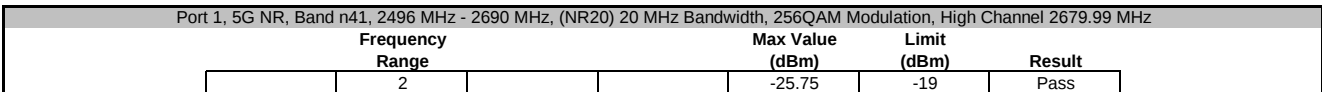


| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR20) 20 MHz Bandwidth, 256QAM Modulation, Low Channel 2506.02 MHz |  |  |  |                 |             |        |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------|-------------|--------|
| Frequency Range                                                                                                   |  |  |  | Max Value (dBm) | Limit (dBm) | Result |
| 2                                                                                                                 |  |  |  | -26.84          | -19         | Pass   |





| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR20) 20 MHz Bandwidth, 256QAM Modulation, High Channel 2679.99 MHz |   |  |  |                 |             |        |  |
|--------------------------------------------------------------------------------------------------------------------|---|--|--|-----------------|-------------|--------|--|
| Frequency Range                                                                                                    |   |  |  | Max Value (dBm) | Limit (dBm) | Result |  |
|                                                                                                                    | 1 |  |  | -26.92          | -19         | Pass   |  |

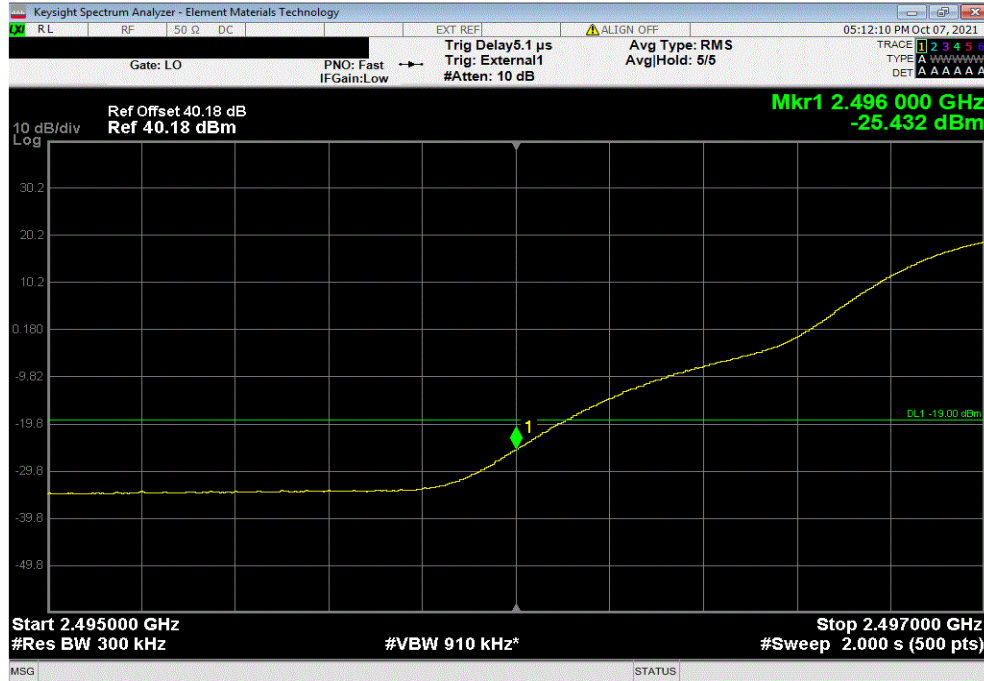


# BAND EDGE COMPLIANCE - 5G NR

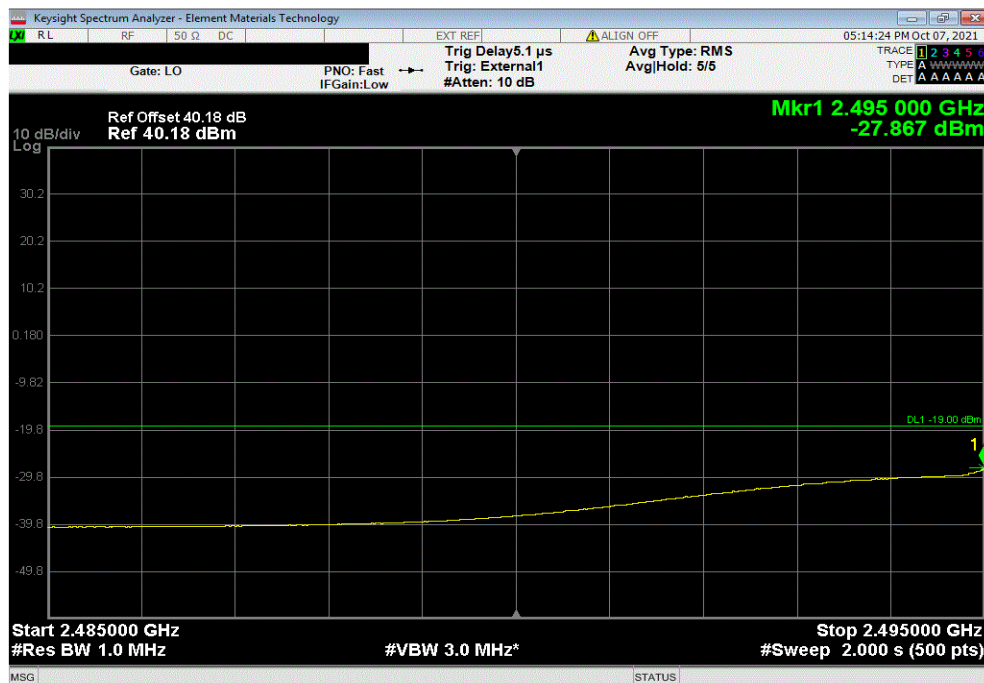


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR30) 30 MHz Bandwidth, 256QAM Modulation, Low Channel 2511.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                 | -25.43          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR30) 30 MHz Bandwidth, 256QAM Modulation, Low Channel 2511.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                 | -27.87          | -19         | Pass   |  |  |  |

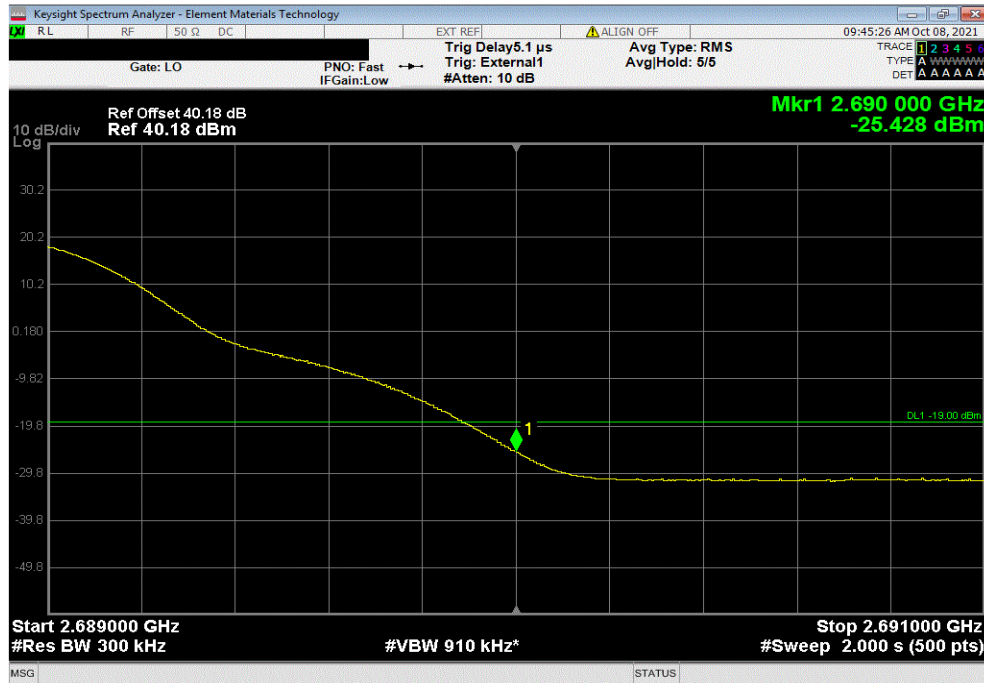


# BAND EDGE COMPLIANCE - 5G NR

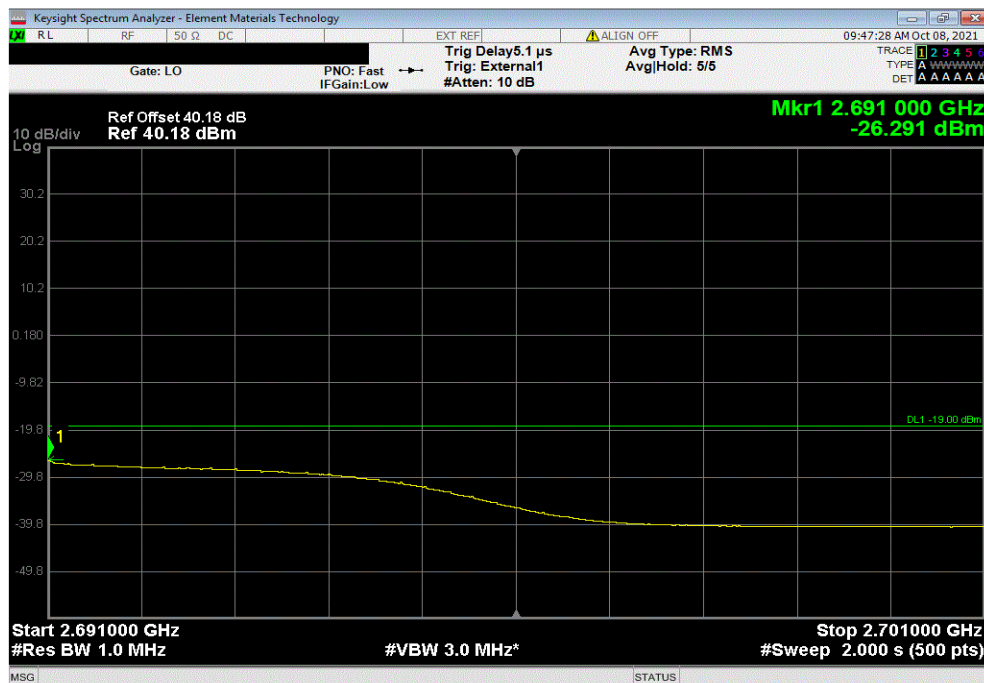


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR30) 30 MHz Bandwidth, 256QAM Modulation, High Channel 2674.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                  | -25.43          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR30) 30 MHz Bandwidth, 256QAM Modulation, High Channel 2674.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                  | -26.29          | -19         | Pass   |  |  |  |

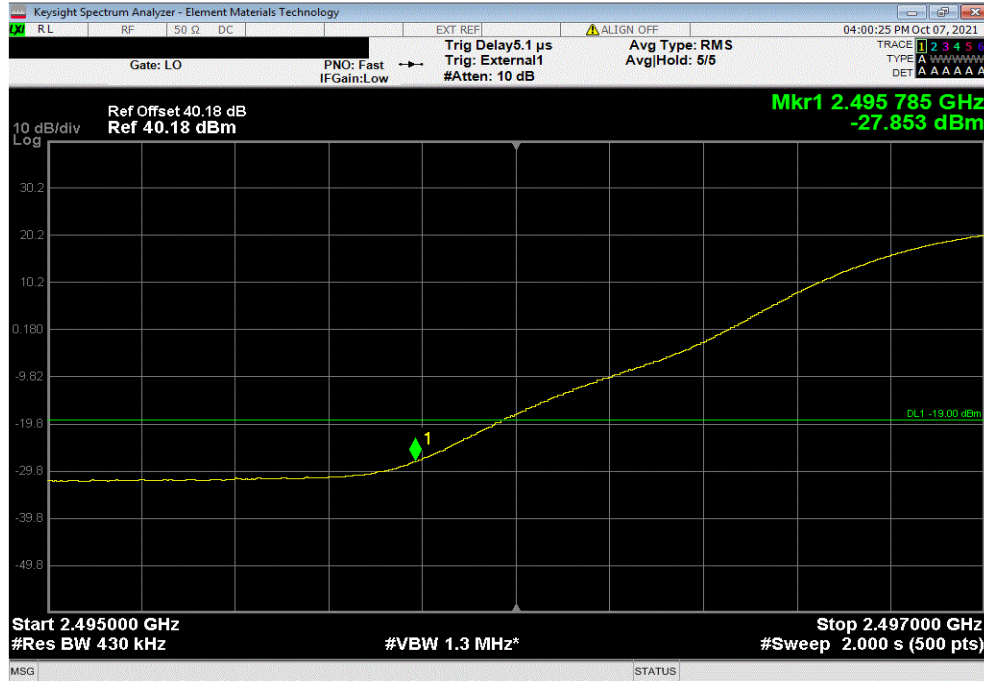


# BAND EDGE COMPLIANCE - 5G NR

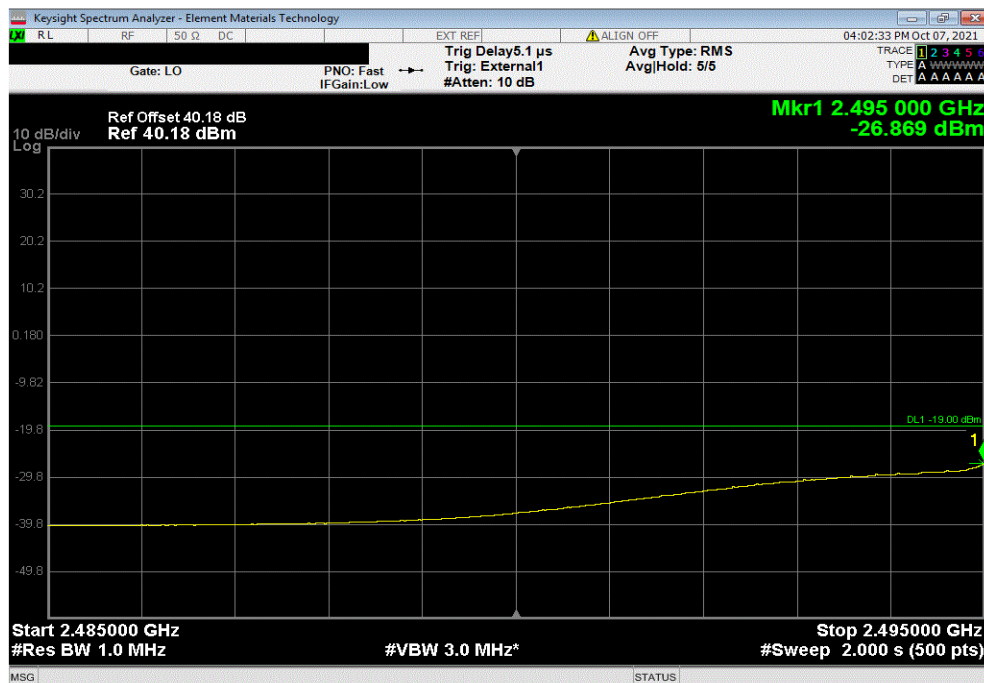


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR40) 40 MHz Bandwidth, 256QAM Modulation, Low Channel 2516.01 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                 | -27.85          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR40) 40 MHz Bandwidth, 256QAM Modulation, Low Channel 2516.01 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                 | -26.87          | -19         | Pass   |  |  |  |

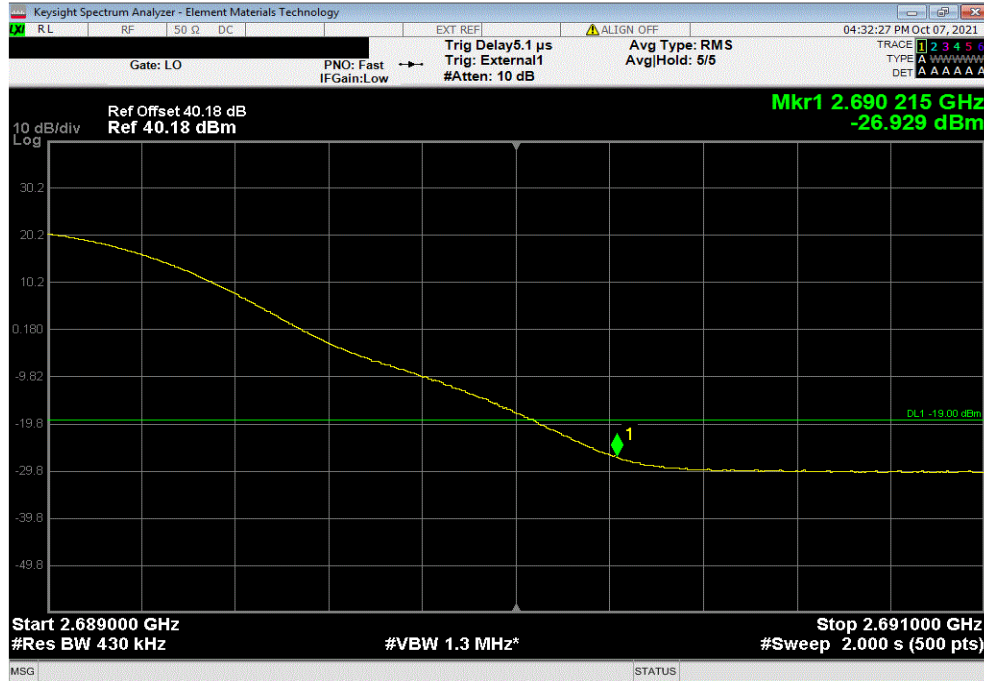


# BAND EDGE COMPLIANCE - 5G NR

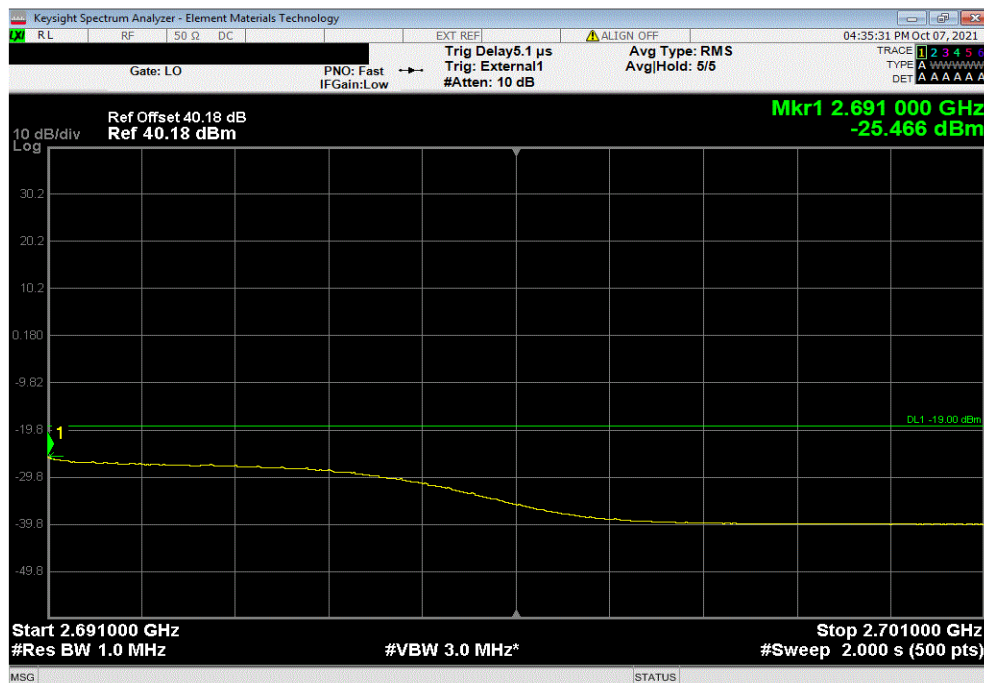


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR40) 40 MHz Bandwidth, 256QAM Modulation, High Channel 2670.00 MHz |  |  |  |                 |             |        |
|--------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------|-------------|--------|
| Frequency Range                                                                                                    |  |  |  | Max Value (dBm) | Limit (dBm) | Result |
| 1                                                                                                                  |  |  |  | -26.93          | -19         | Pass   |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR40) 40 MHz Bandwidth, 256QAM Modulation, High Channel 2670.00 MHz |  |  |  |                 |             |        |
|--------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------|-------------|--------|
| Frequency Range                                                                                                    |  |  |  | Max Value (dBm) | Limit (dBm) | Result |
| 2                                                                                                                  |  |  |  | -25.47          | -19         | Pass   |

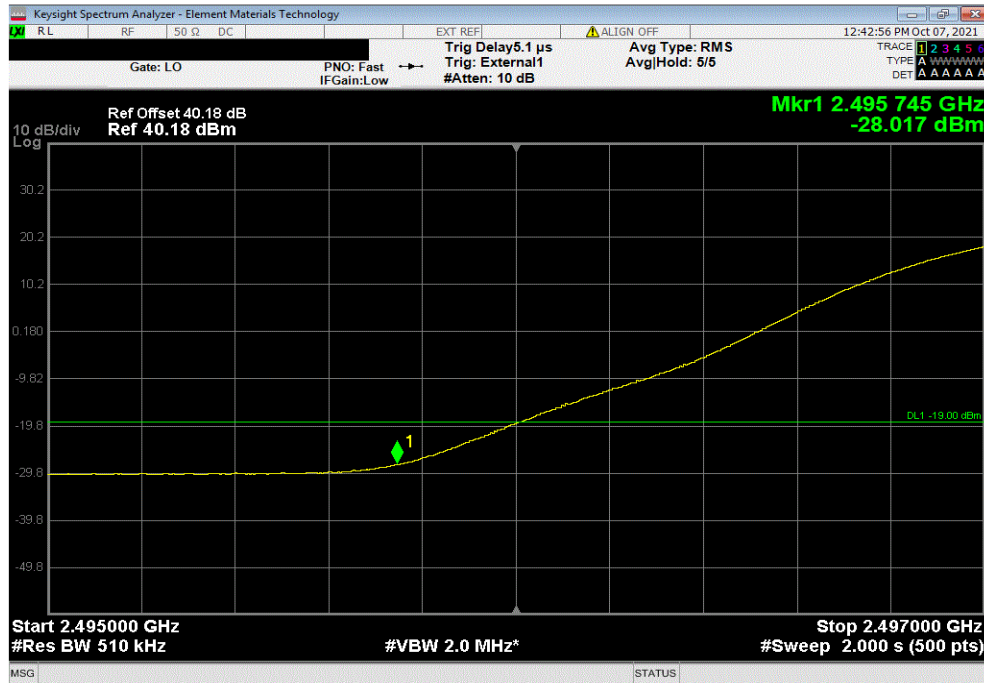


# BAND EDGE COMPLIANCE - 5G NR

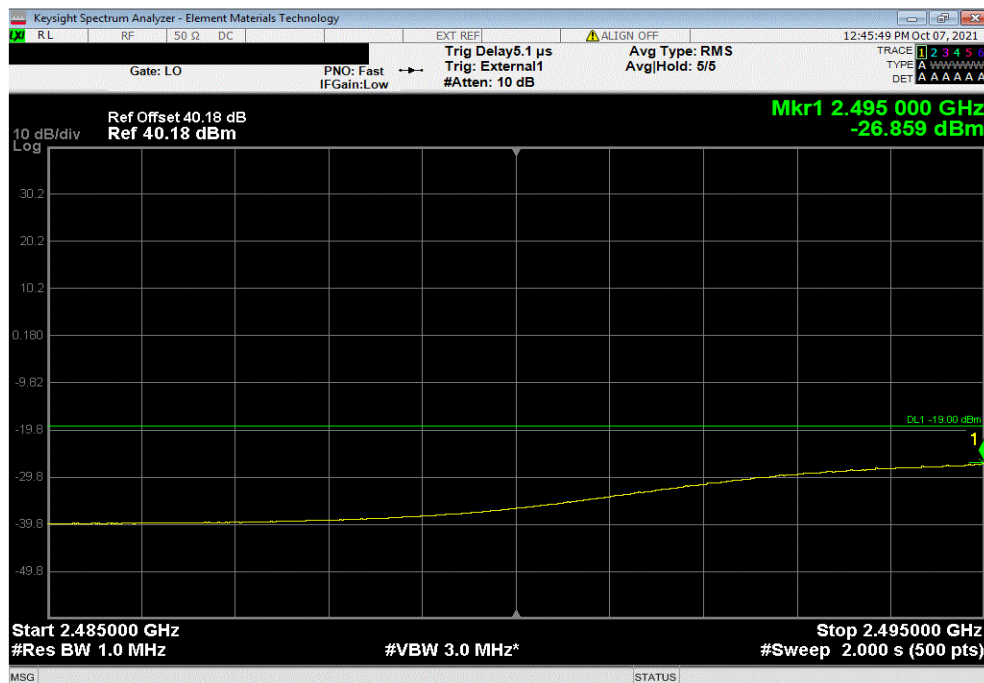


TbTtx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR50) 50 MHz Bandwidth, 256QAM Modulation, Low Channel 2521.02 MHz |  |                 |  |             |  |        |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                   |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 1                                                                                                                 |  | -28.02          |  | -19         |  | Pass   |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR50) 50 MHz Bandwidth, 256QAM Modulation, Low Channel 2521.02 MHz |  |                 |  |             |  |        |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                   |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 2                                                                                                                 |  | -26.86          |  | -19         |  | Pass   |

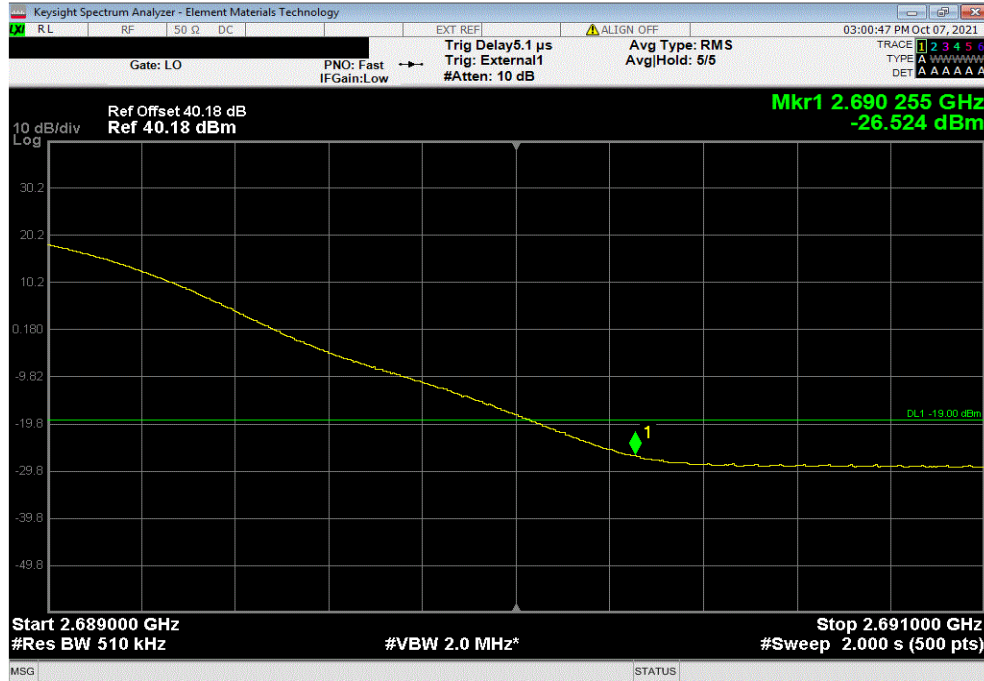


# BAND EDGE COMPLIANCE - 5G NR

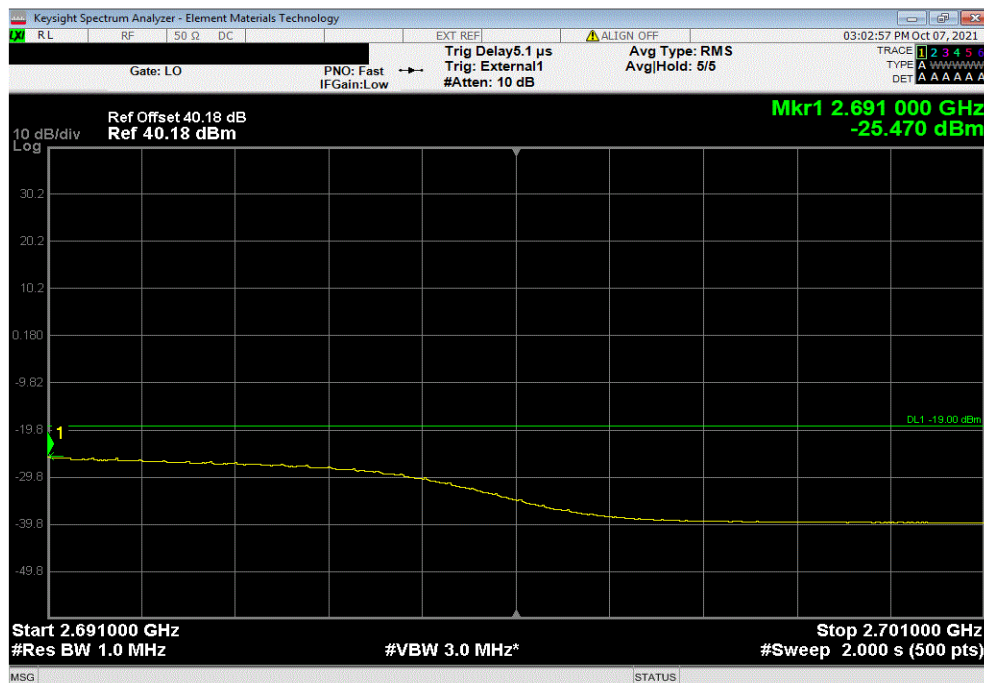


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR50) 50 MHz Bandwidth, 256QAM Modulation, High Channel 2664.99 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                  | -26.52          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR50) 50 MHz Bandwidth, 256QAM Modulation, High Channel 2664.99 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                  | -25.47          | -19         | Pass   |  |  |  |

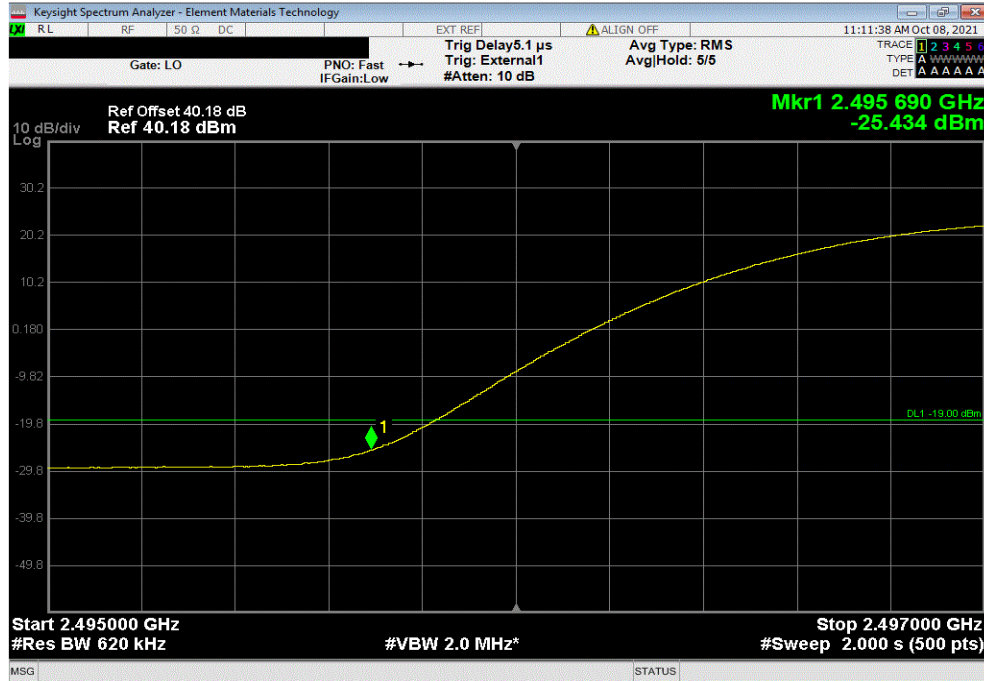


# BAND EDGE COMPLIANCE - 5G NR

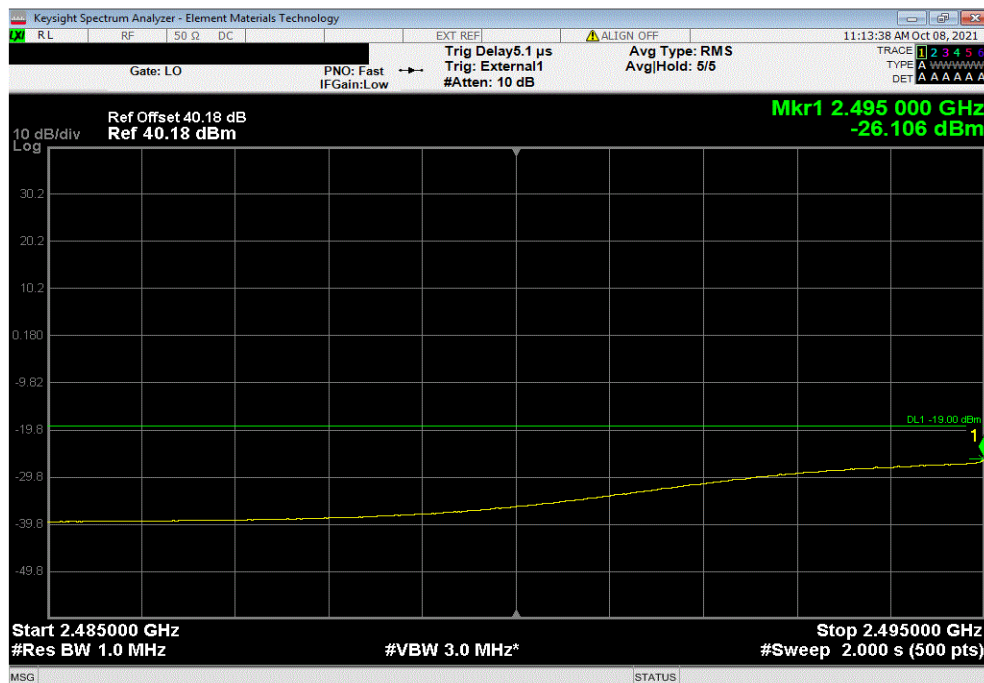


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR60) 60 MHz Bandwidth, 256QAM Modulation, Low Channel 2526.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                 | -25.43          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR60) 60 MHz Bandwidth, 256QAM Modulation, Low Channel 2526.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                 | -26.11          | -19         | Pass   |  |  |  |

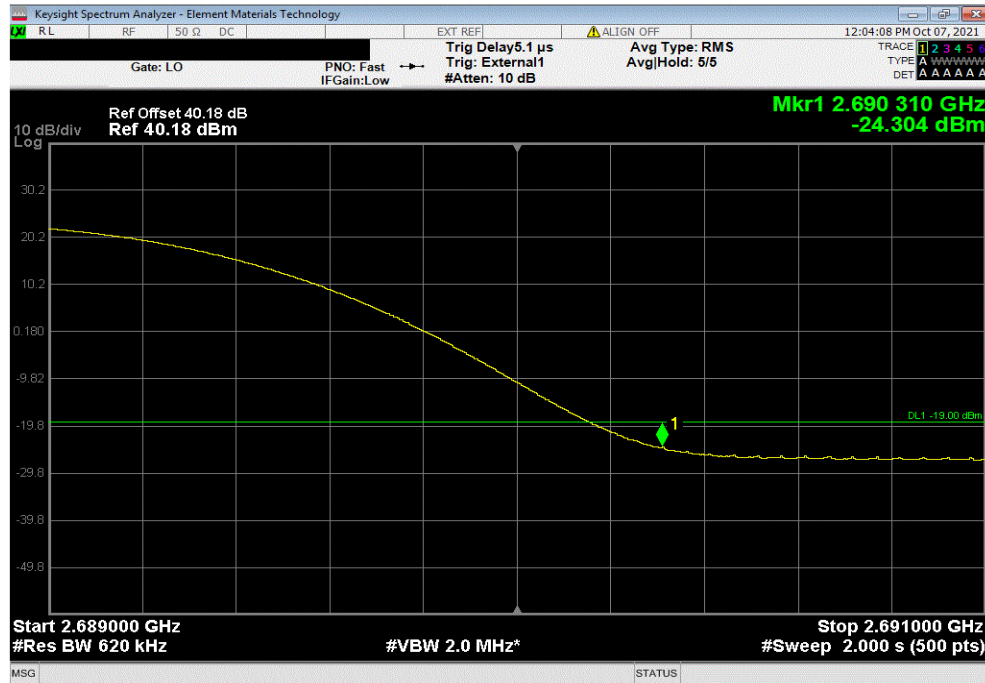


# BAND EDGE COMPLIANCE - 5G NR

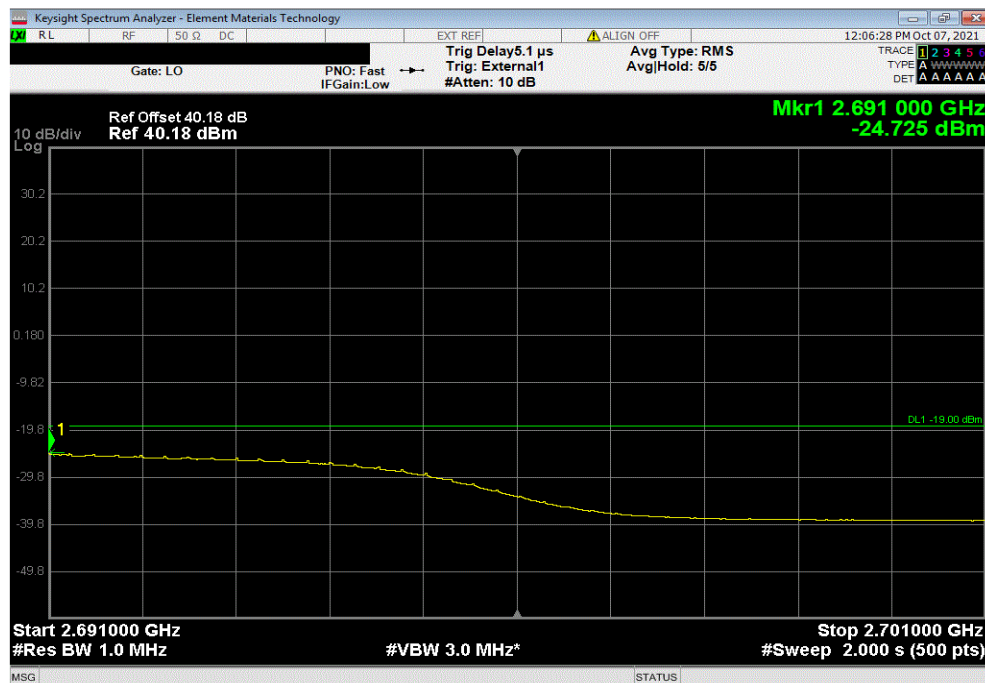


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR60) 60 MHz Bandwidth, 256QAM Modulation, High Channel 2659.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                  | -24.3           | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR60) 60 MHz Bandwidth, 256QAM Modulation, High Channel 2659.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                  | -24.73          | -19         | Pass   |  |  |  |

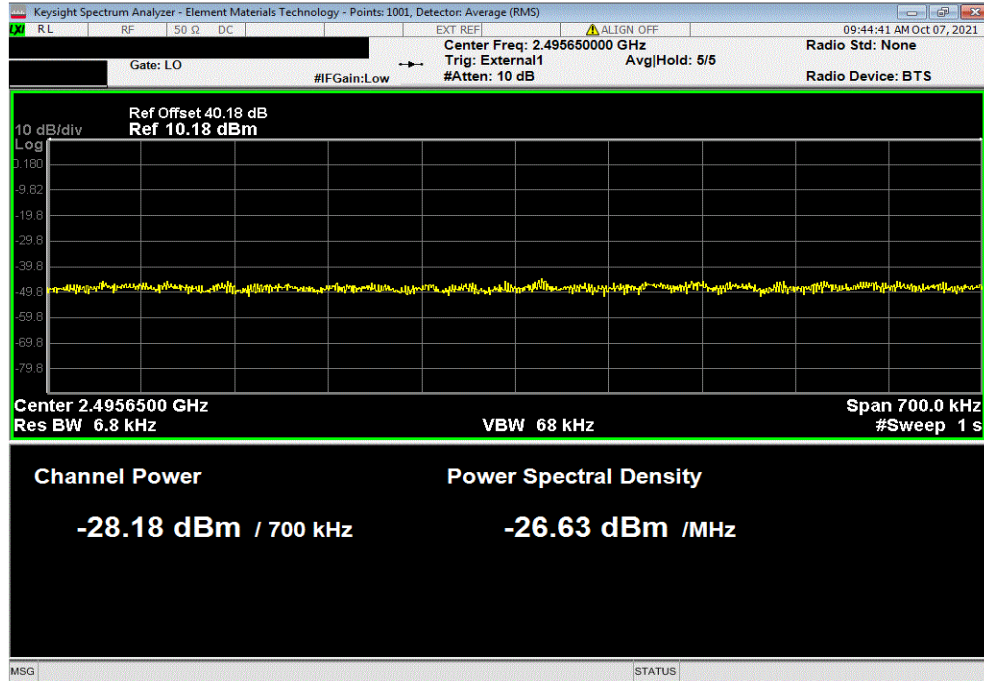


# BAND EDGE COMPLIANCE - 5G NR

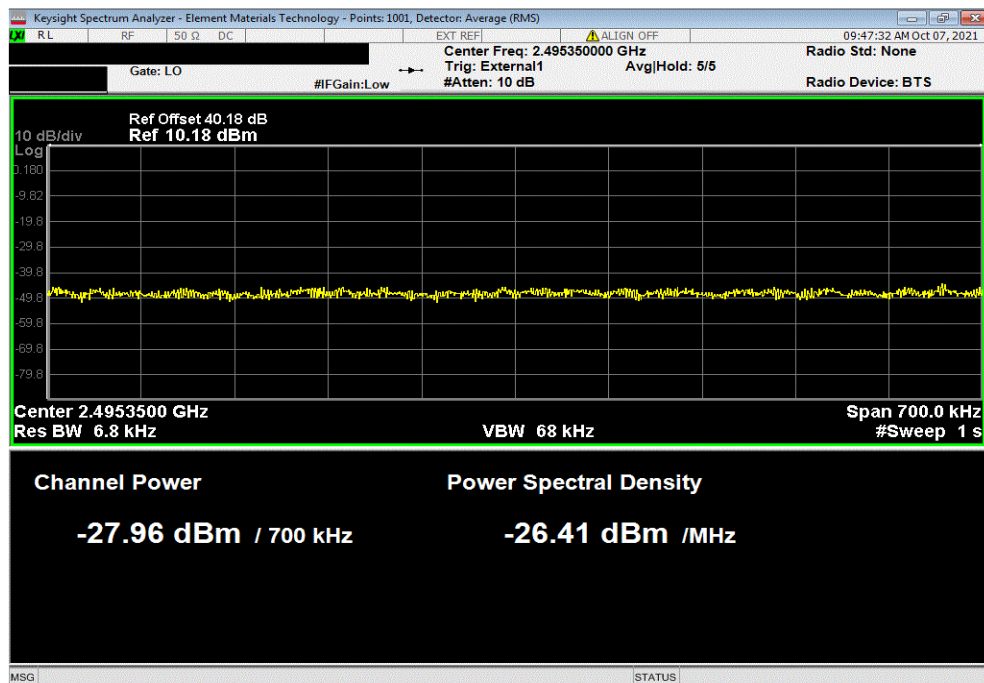


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, Low Channel 2531.01 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                 | -28.18          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, Low Channel 2531.01 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                 | -27.96          | -19         | Pass   |  |  |  |

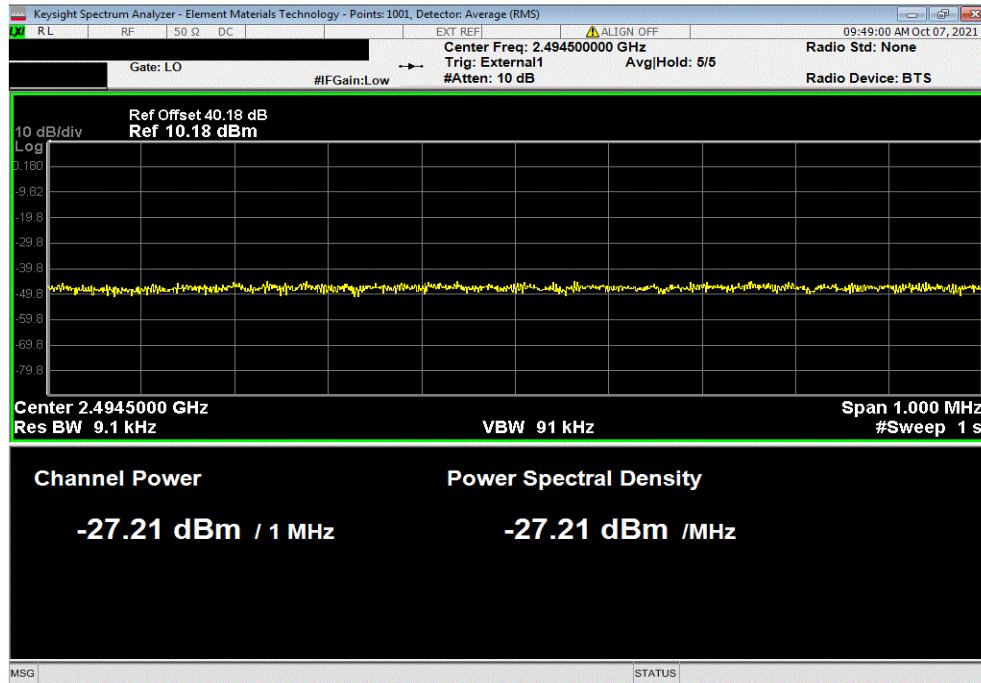


# BAND EDGE COMPLIANCE - 5G NR

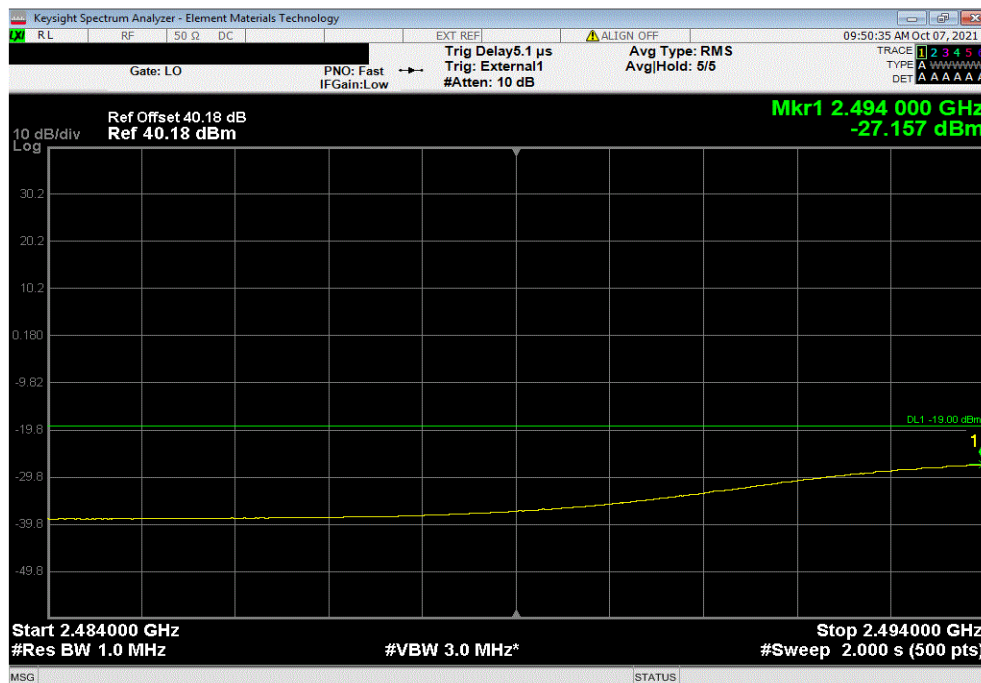


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, Low Channel 2531.01 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                 | -27.21          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, Low Channel 2531.01 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                 | -27.16          | -19         | Pass   |  |  |  |

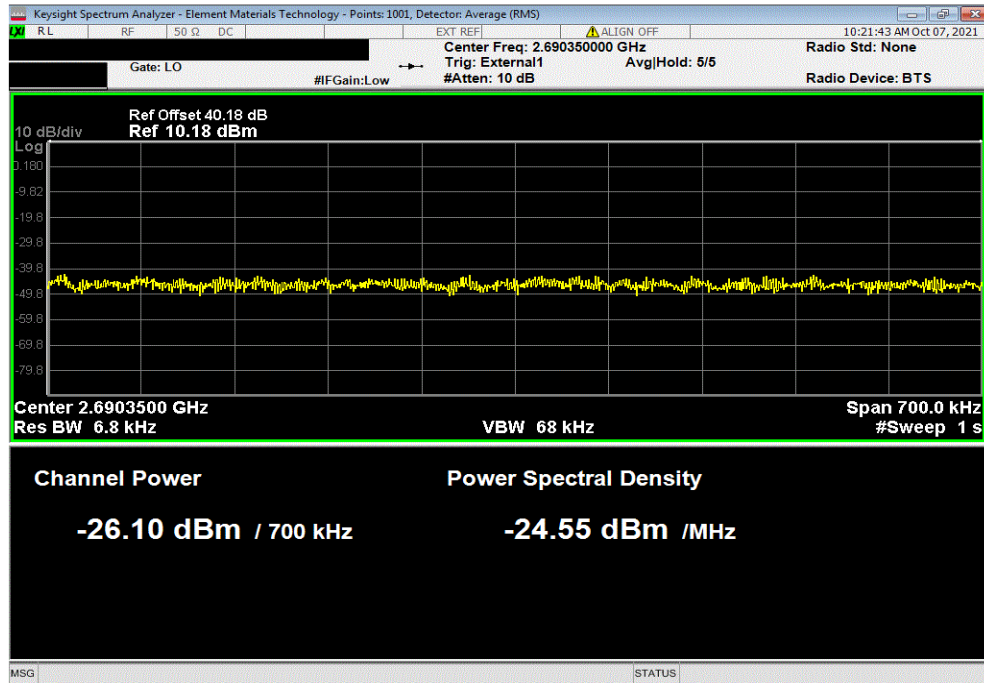


# BAND EDGE COMPLIANCE - 5G NR

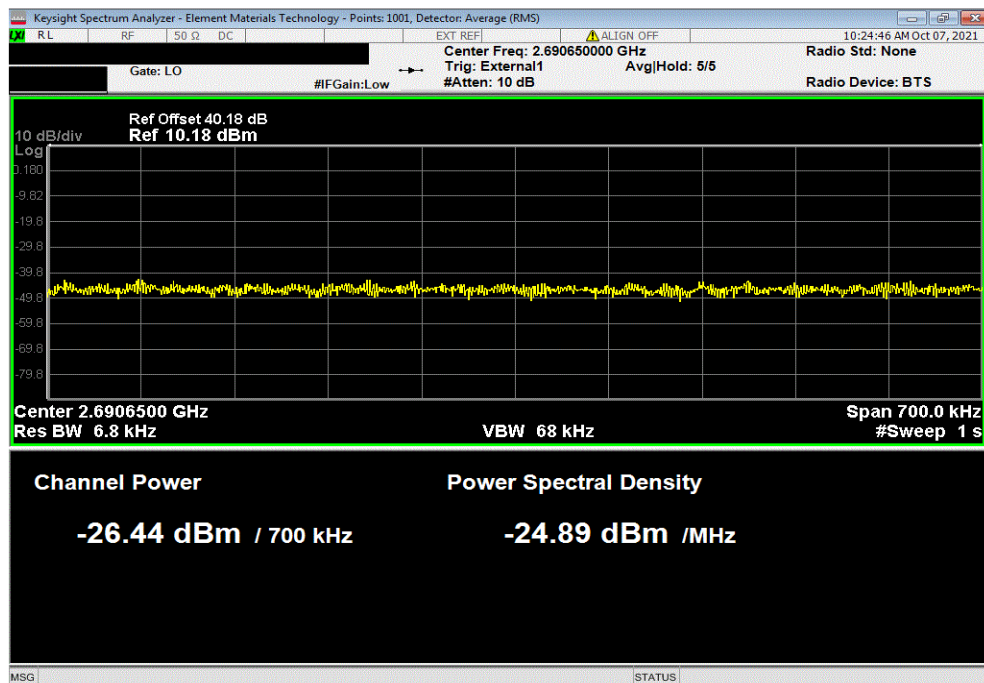


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, High Channel 2655.00 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                  | -26.10          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, High Channel 2655.00 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                  | -26.44          | -19         | Pass   |  |  |  |

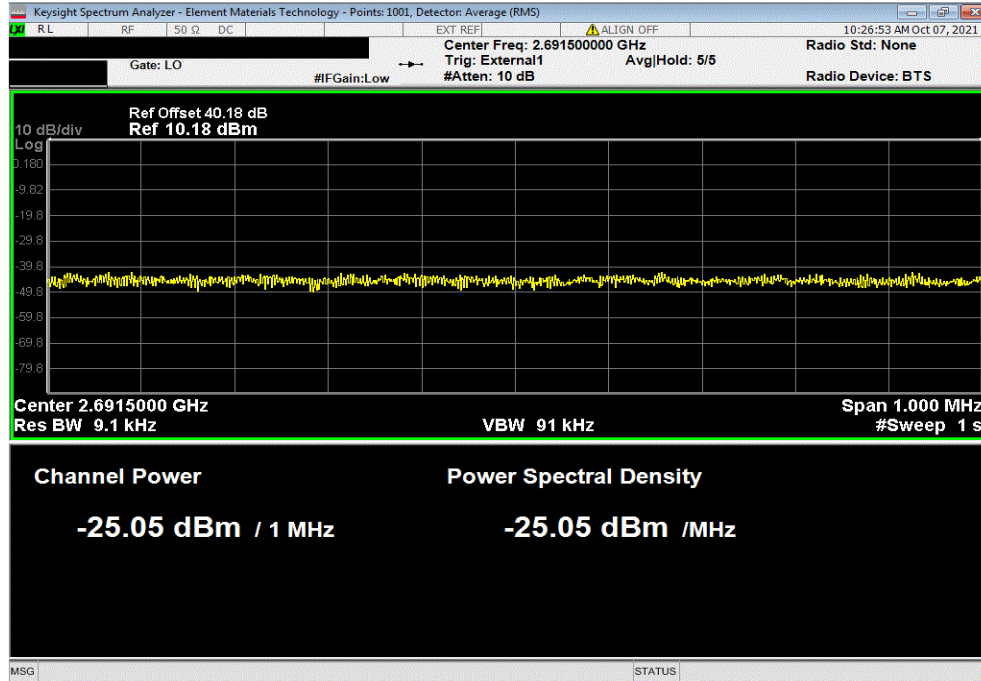


# BAND EDGE COMPLIANCE - 5G NR

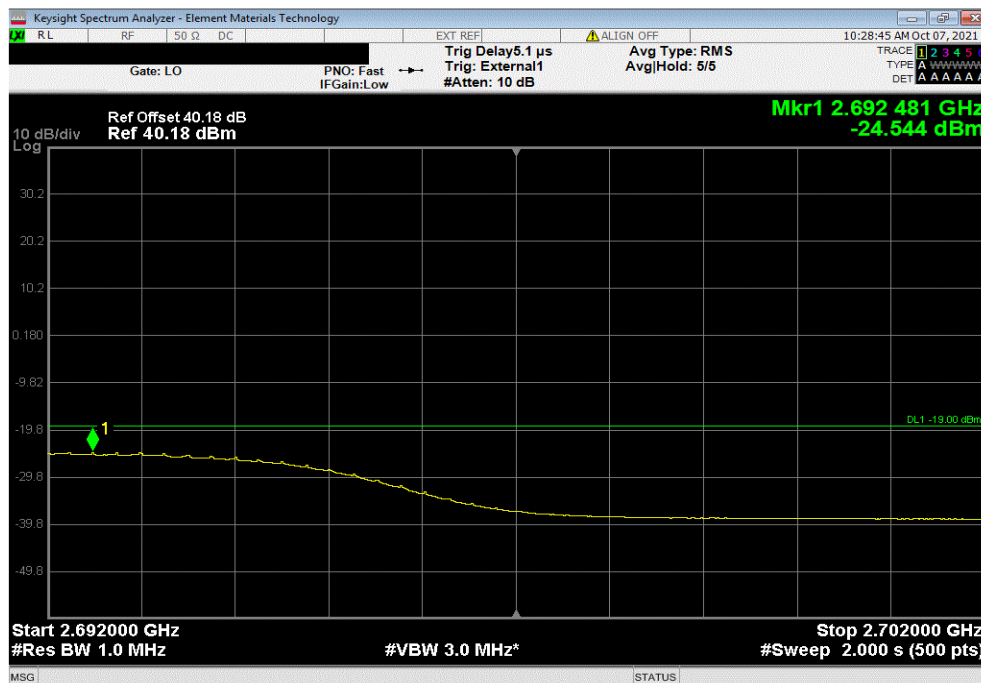


TbTx 2021.03.19.1 XM8 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, High Channel 2655.00 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                  | -25.05          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR70) 70 MHz Bandwidth, 256QAM Modulation, High Channel 2655.00 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                  | -24.54          | -19         | Pass   |  |  |  |

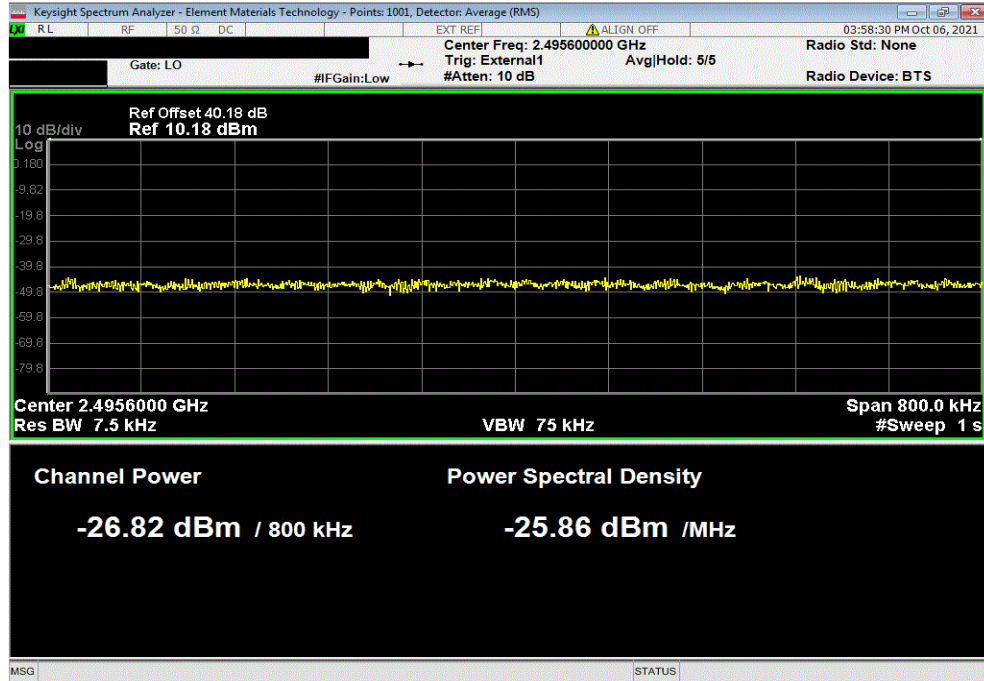


# BAND EDGE COMPLIANCE - 5G NR

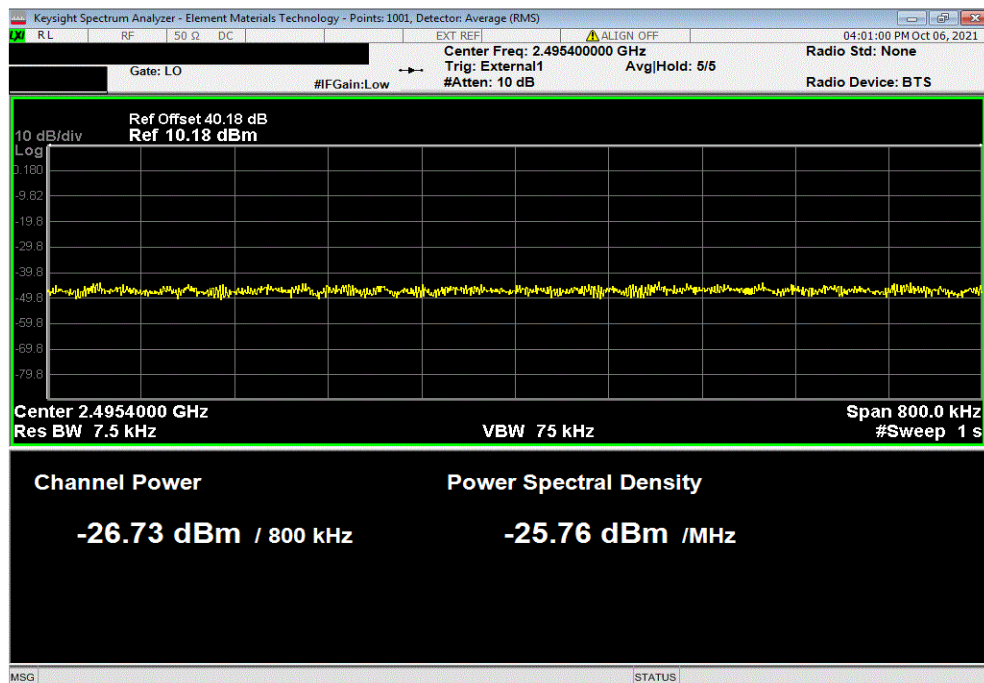


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, Low Channel 2536.02 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                 | -26.82          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, Low Channel 2536.02 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                 | -26.73          | -19         | Pass   |  |  |  |

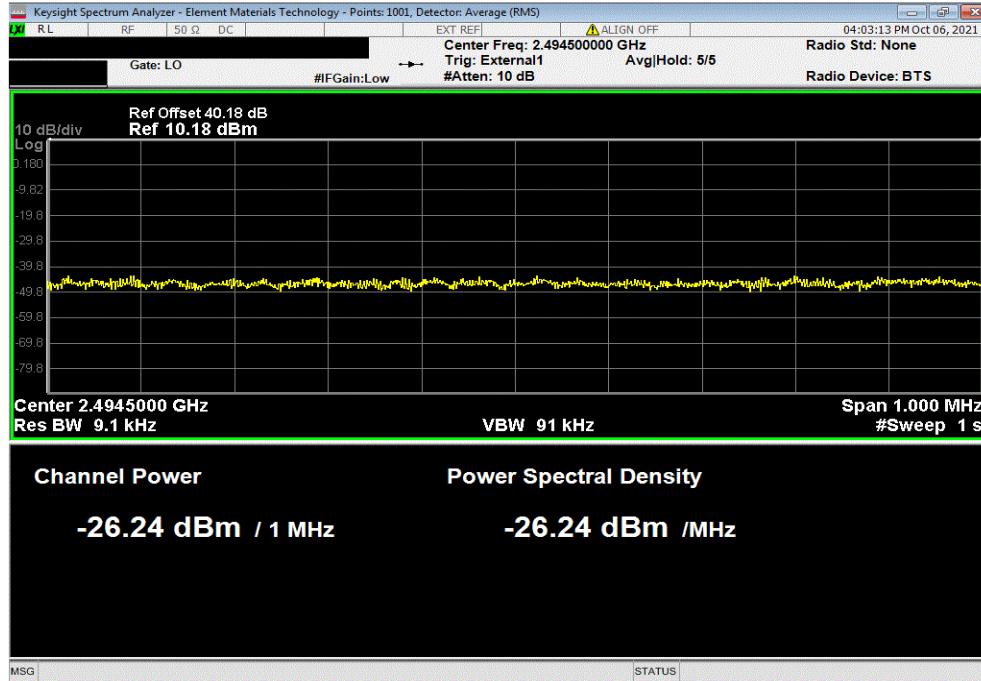


# BAND EDGE COMPLIANCE - 5G NR

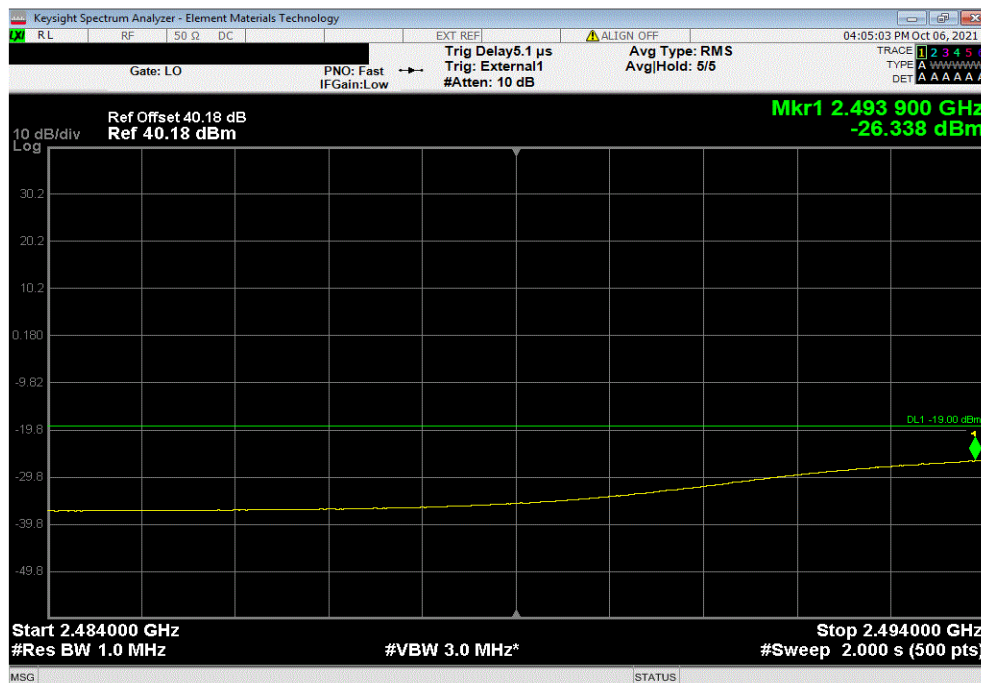


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, Low Channel 2536.02 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                 | -26.24          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, Low Channel 2536.02 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                 | -26.34          | -19         | Pass   |  |  |  |

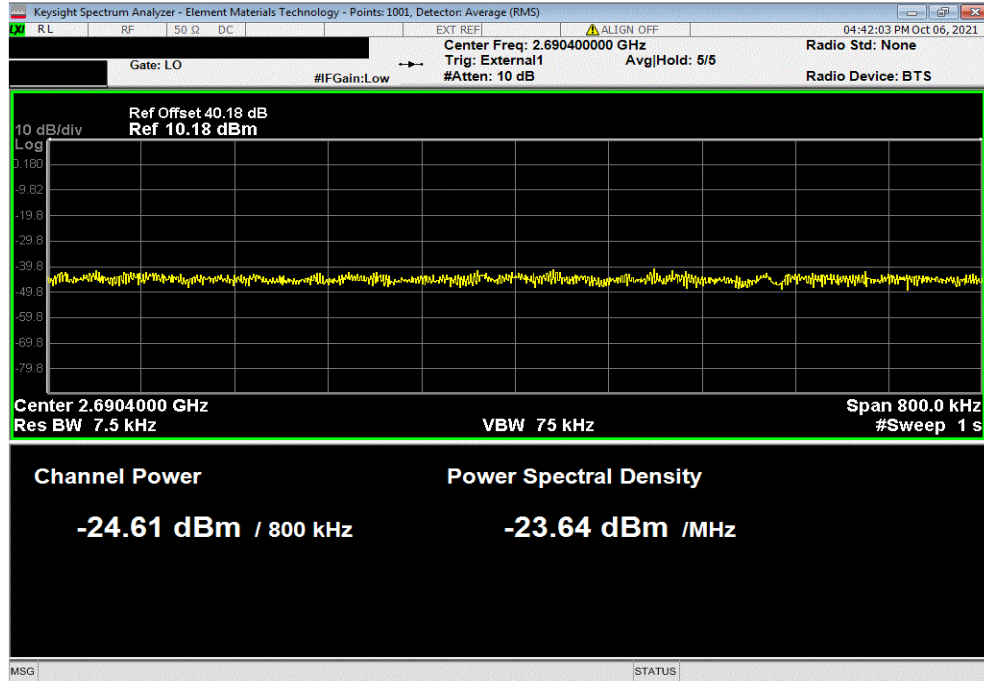


# BAND EDGE COMPLIANCE - 5G NR

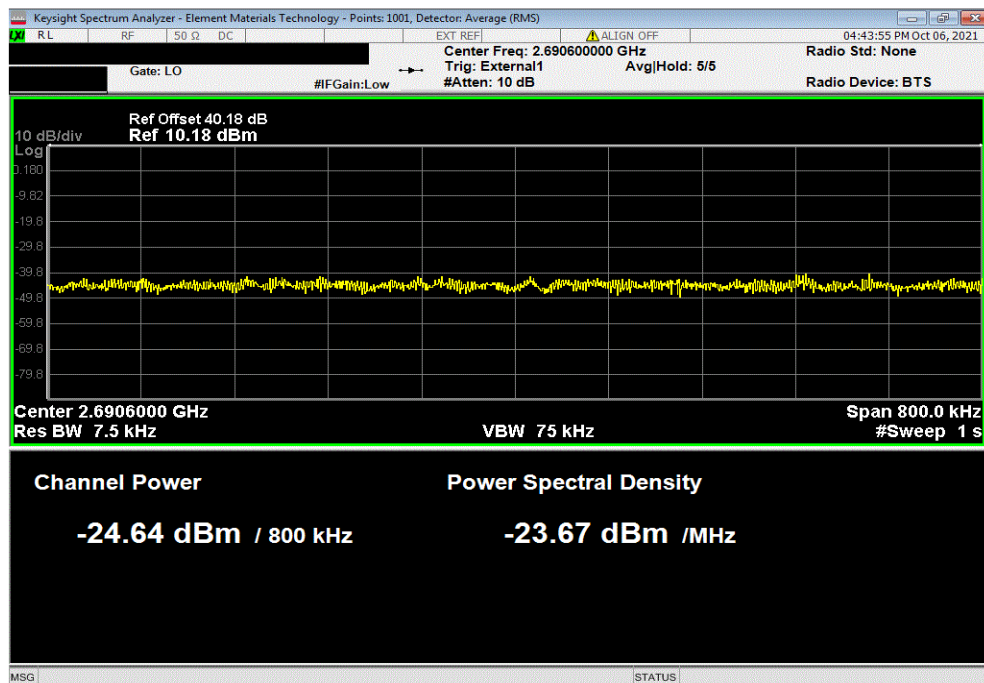


TbTx 2021.03.19.1 XM8 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, High Channel 2649.99 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                  | -24.61          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, High Channel 2649.99 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                  | -24.64          | -19         | Pass   |  |  |  |

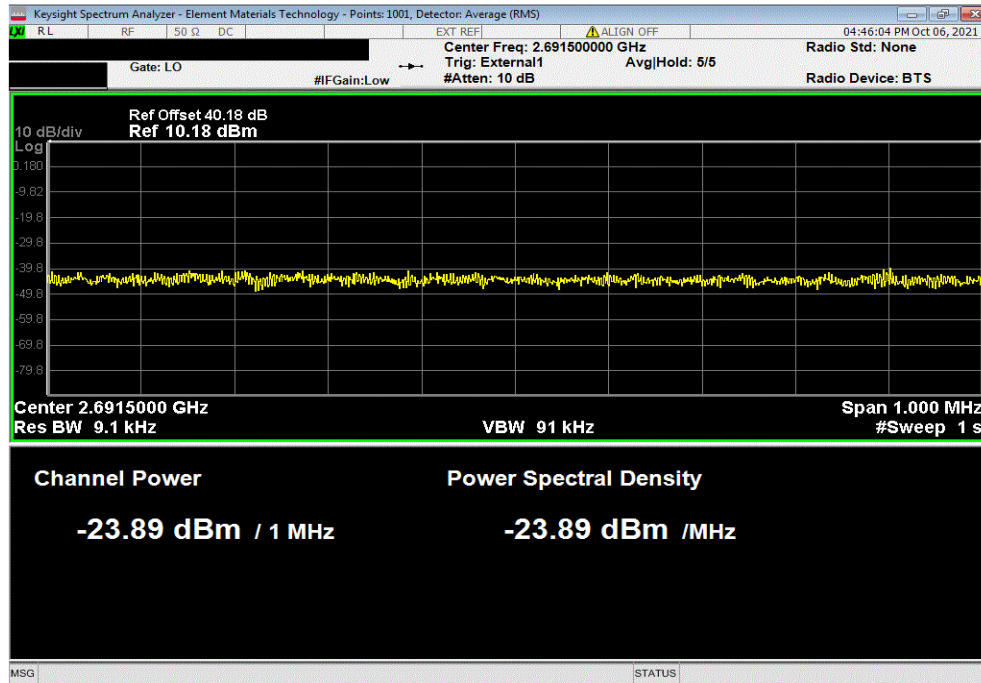


# BAND EDGE COMPLIANCE - 5G NR

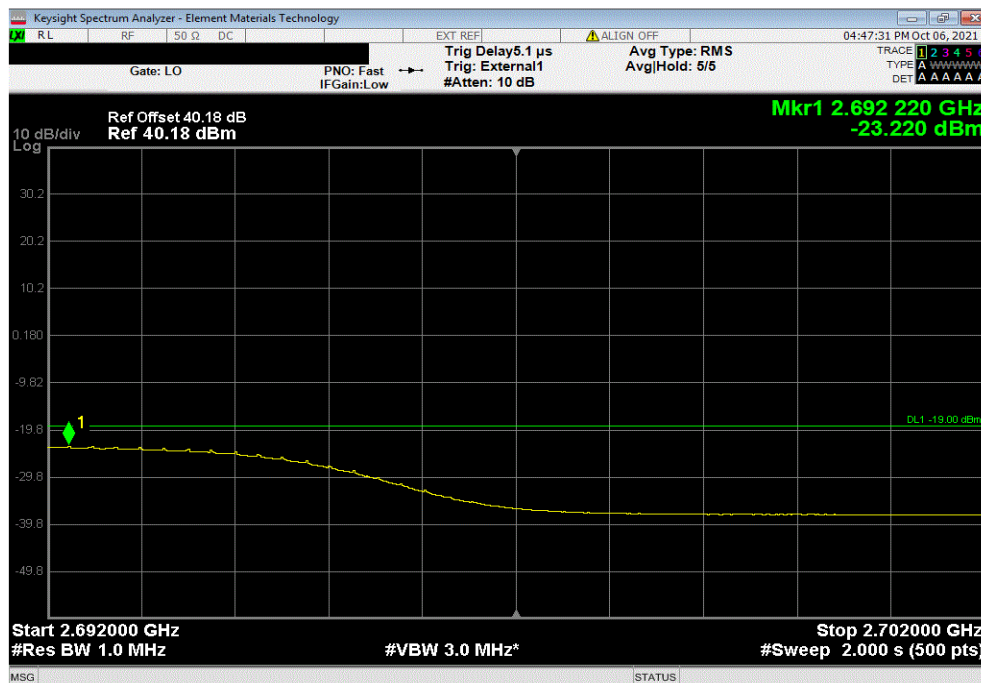


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, High Channel 2649.99 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                  | -23.89          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR80) 80 MHz Bandwidth, 256QAM Modulation, High Channel 2649.99 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                  | -23.22          | -19         | Pass   |  |  |  |

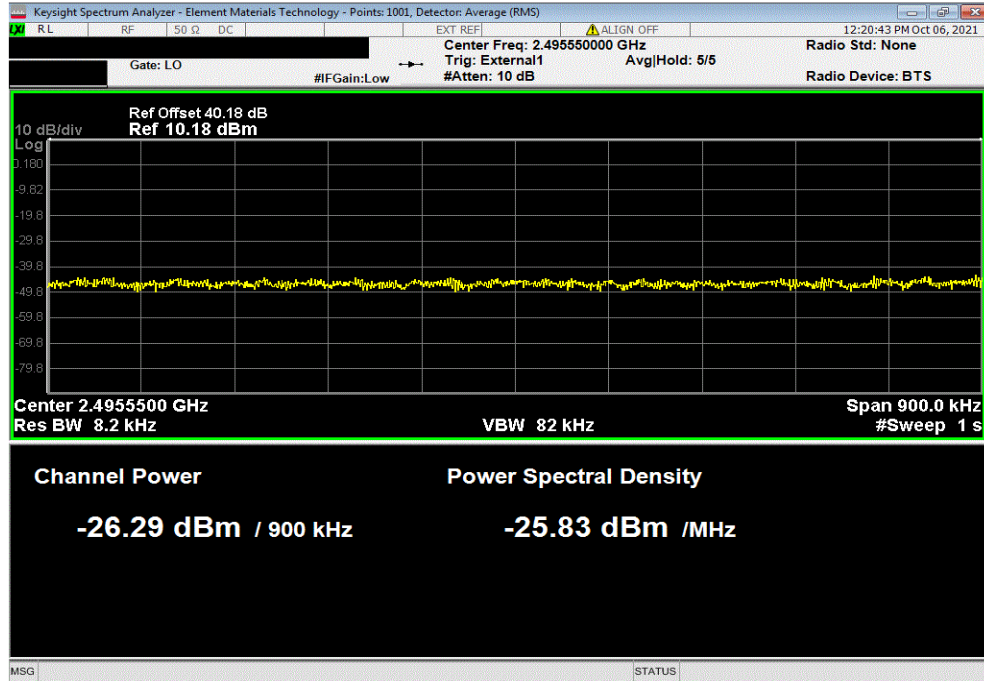


# BAND EDGE COMPLIANCE - 5G NR

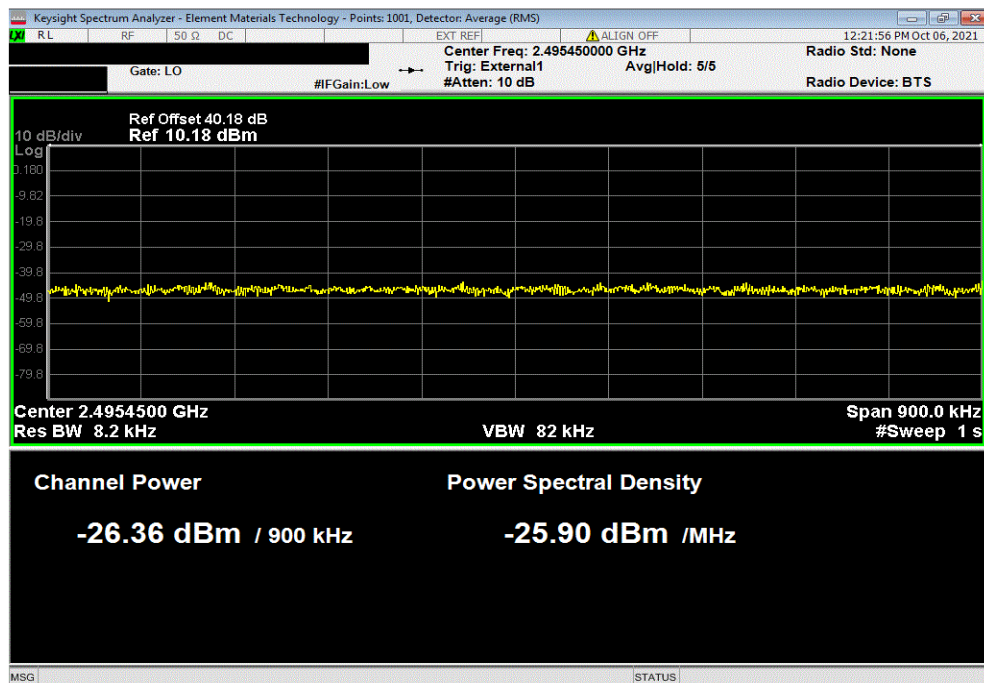


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-----------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                 | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                               | -26.29          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-----------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                 | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                               | -26.36          | -19         | Pass   |  |  |  |

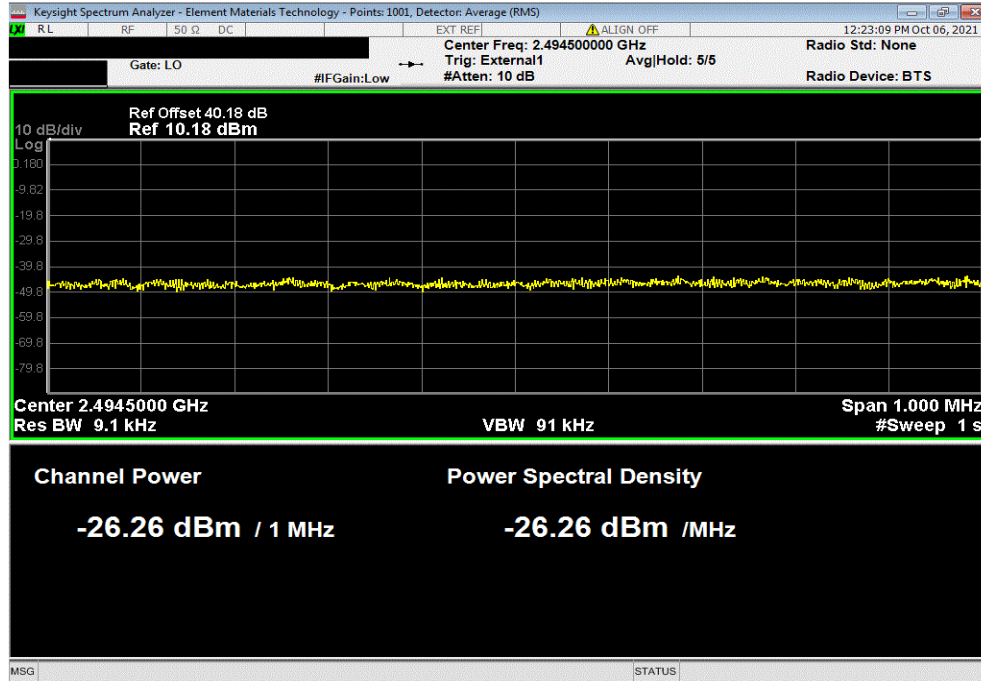


# BAND EDGE COMPLIANCE - 5G NR

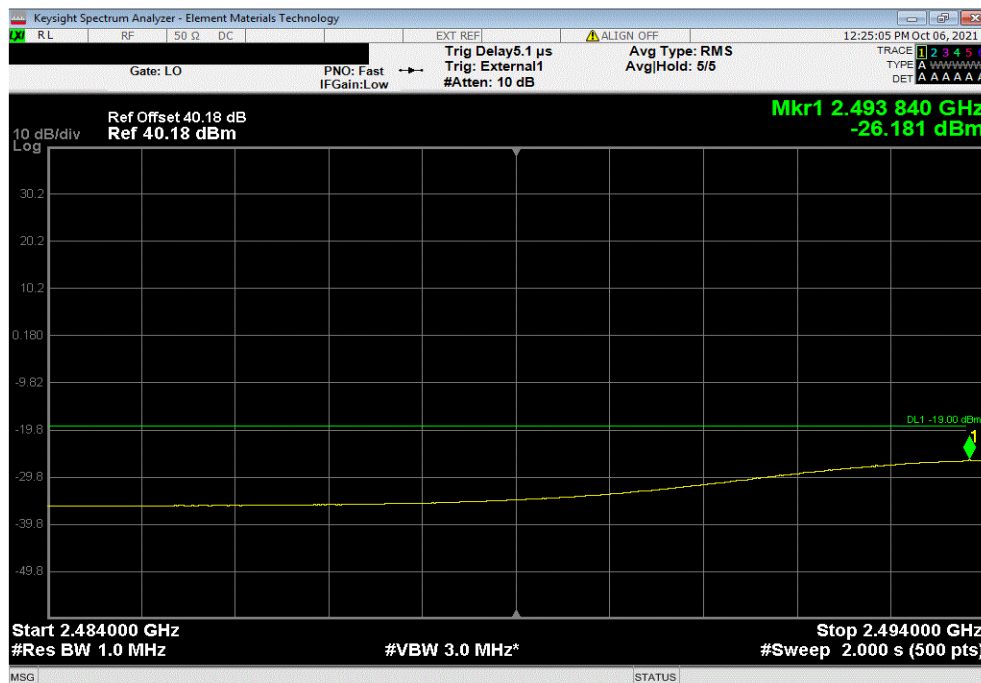


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-----------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                 | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                               | -26.26          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-----------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                 | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                               | -26.18          | -19         | Pass   |  |  |  |

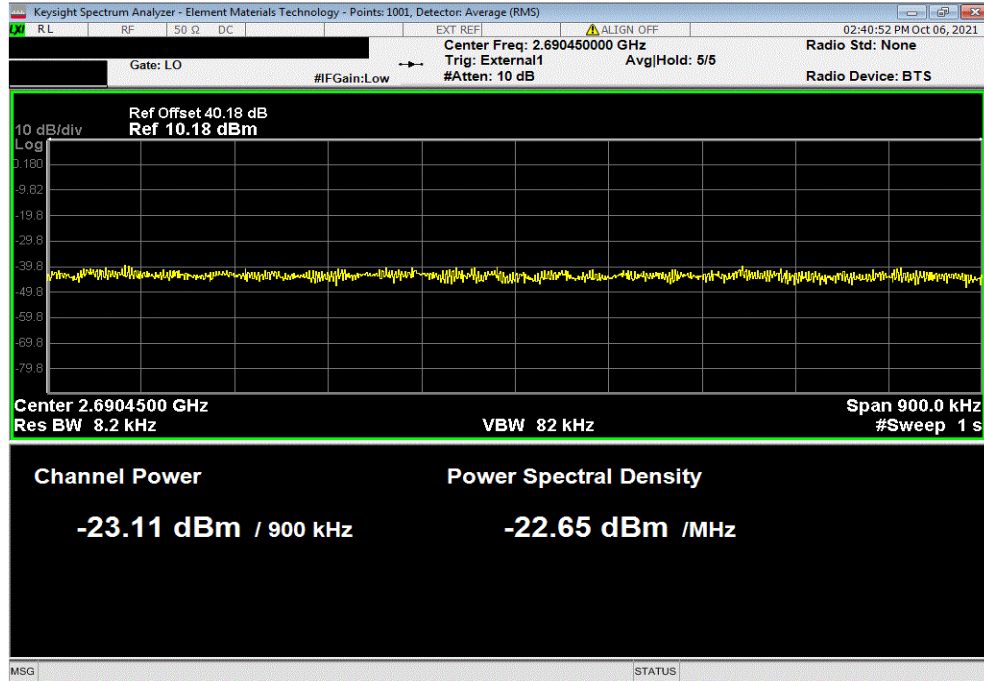


# BAND EDGE COMPLIANCE - 5G NR

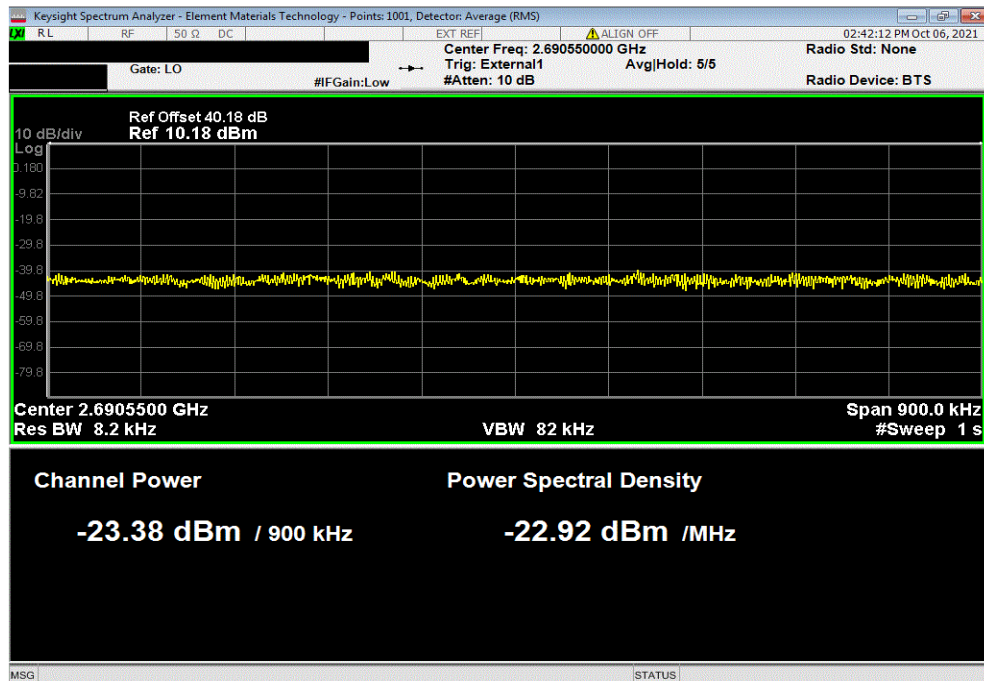


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, High Channel 2644.98 MHz |  |                 |  |             |  |        |
|------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                  |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 1                                                                                                                |  | -23.11          |  | -19         |  | Pass   |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, High Channel 2644.98 MHz |  |                 |  |             |  |        |
|------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                  |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 2                                                                                                                |  | -23.38          |  | -19         |  | Pass   |

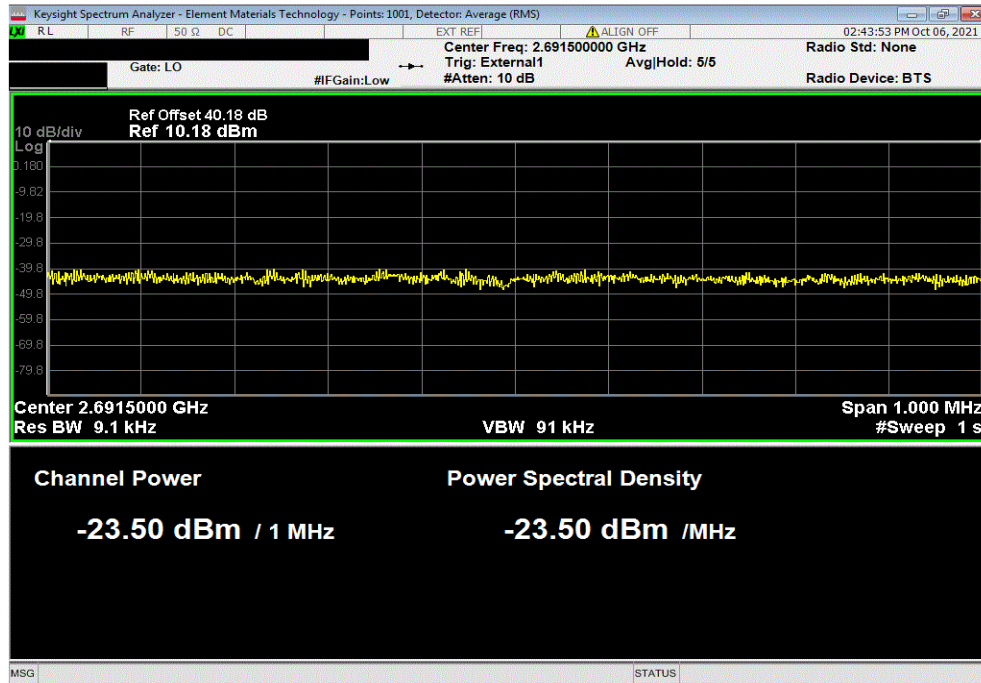


# BAND EDGE COMPLIANCE - 5G NR

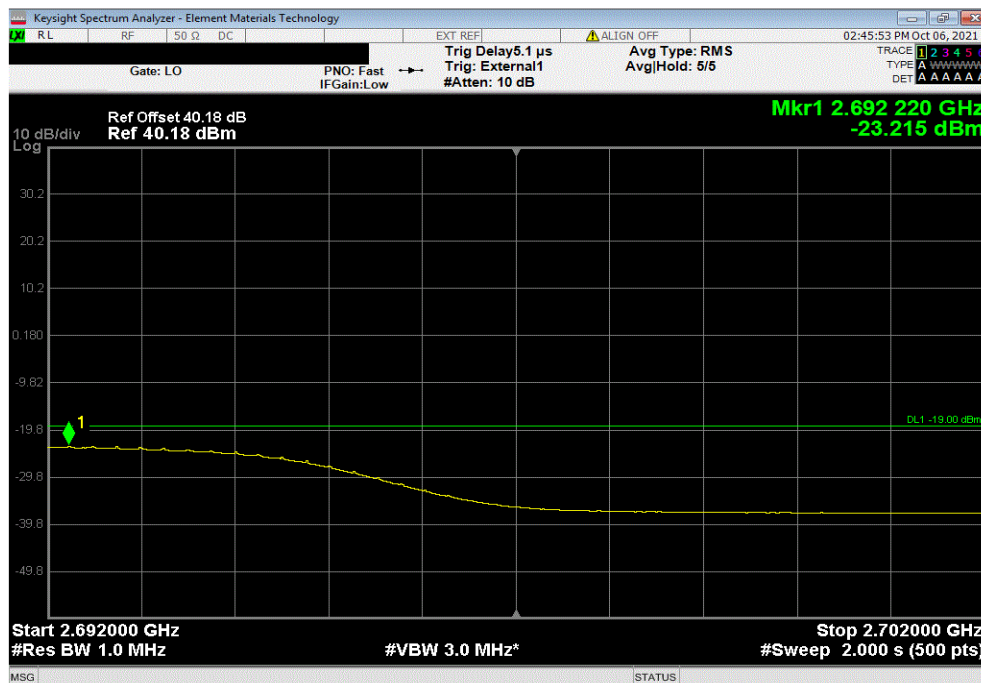


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, High Channel 2644.98 MHz |  |                 |  |             |  |        |
|------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                  |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 3                                                                                                                |  | -23.50          |  | -19         |  | Pass   |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, QPSK Modulation, High Channel 2644.98 MHz |  |                 |  |             |  |        |
|------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                  |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 4                                                                                                                |  | -23.22          |  | -19         |  | Pass   |

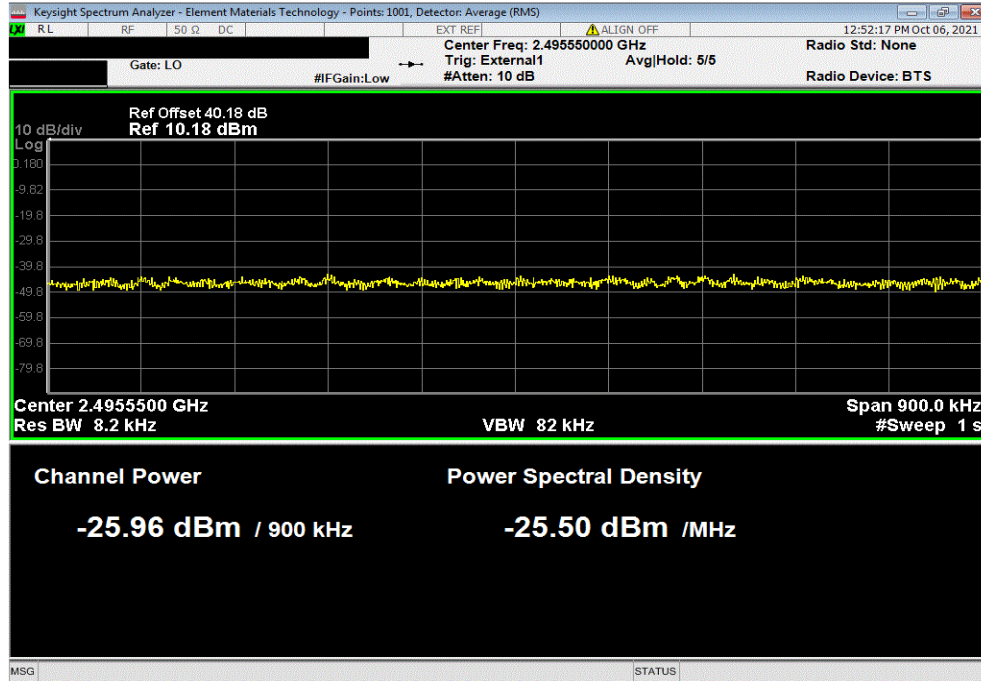


# BAND EDGE COMPLIANCE - 5G NR

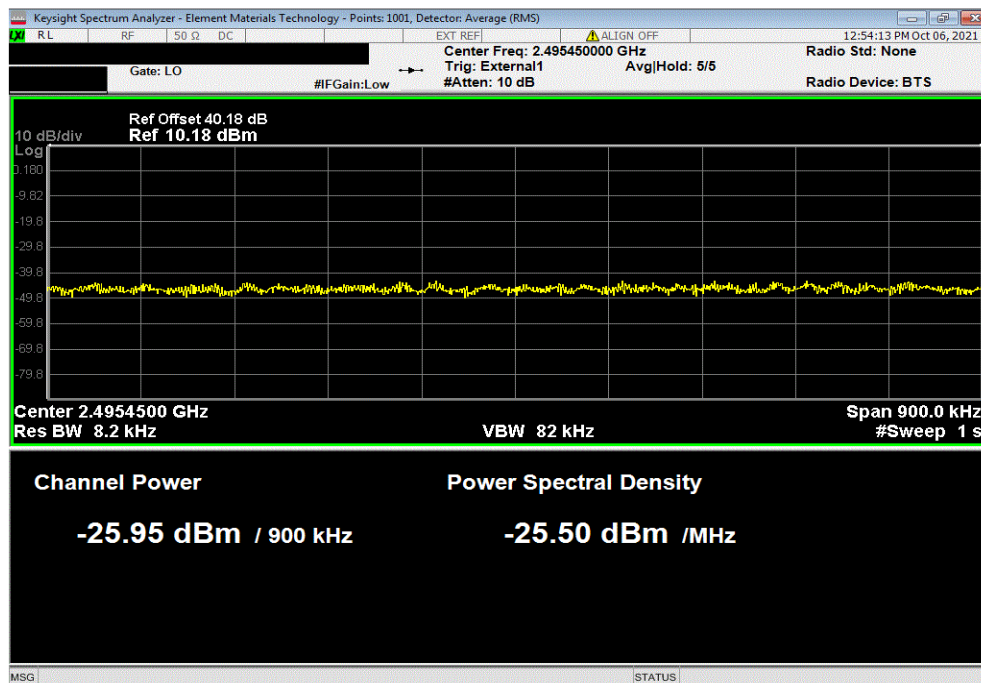


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                  | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                | -25.96          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                  | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                | -25.95          | -19         | Pass   |  |  |  |

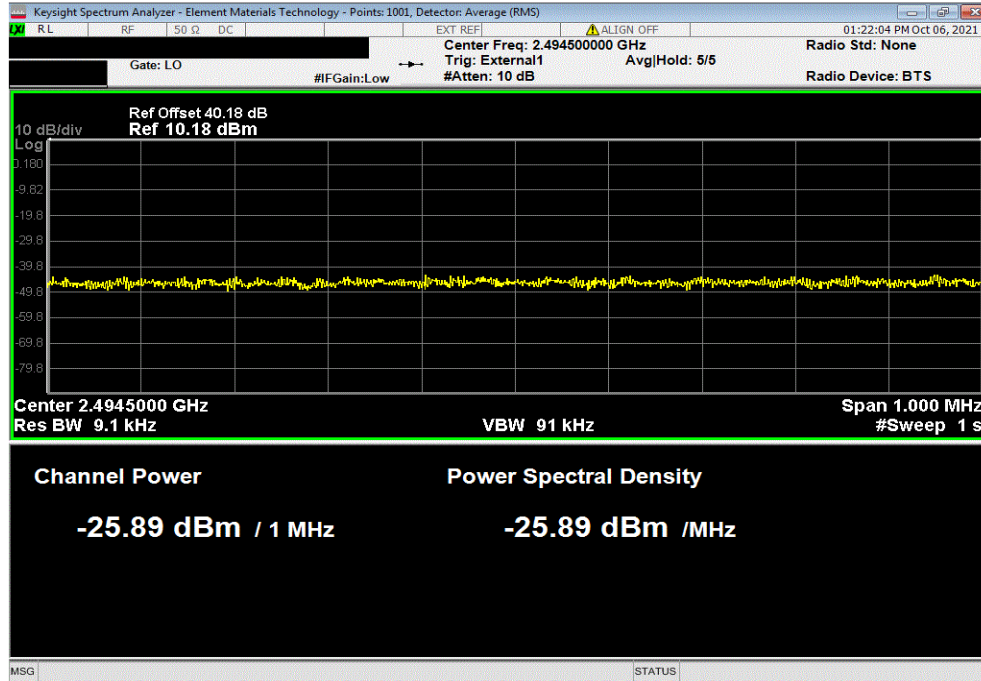


# BAND EDGE COMPLIANCE - 5G NR

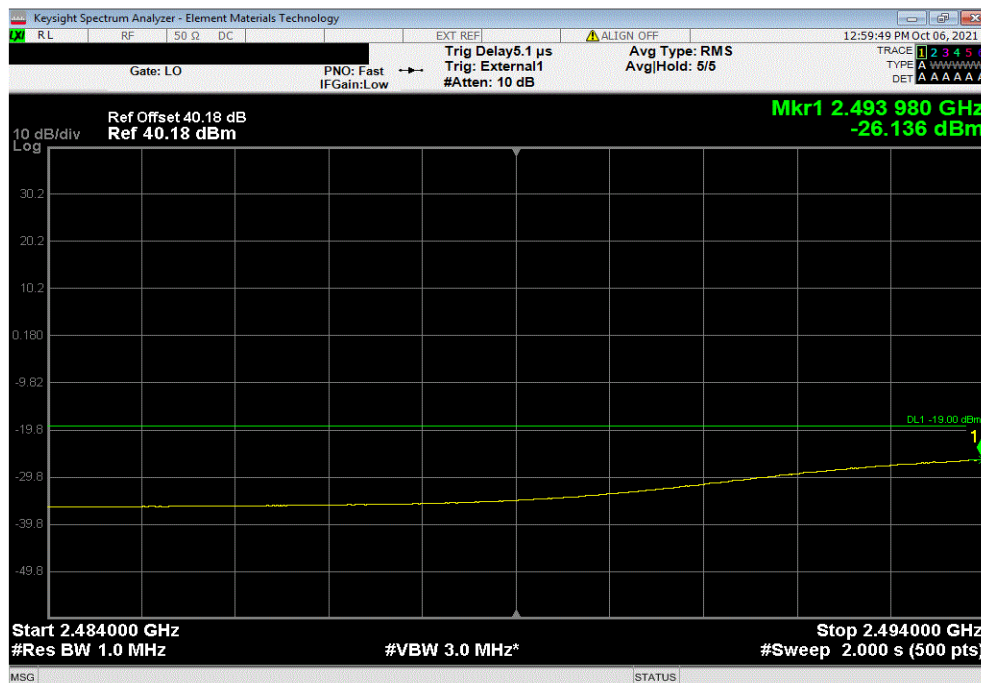


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                  | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                | -25.89          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                  | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                | -26.14          | -19         | Pass   |  |  |  |

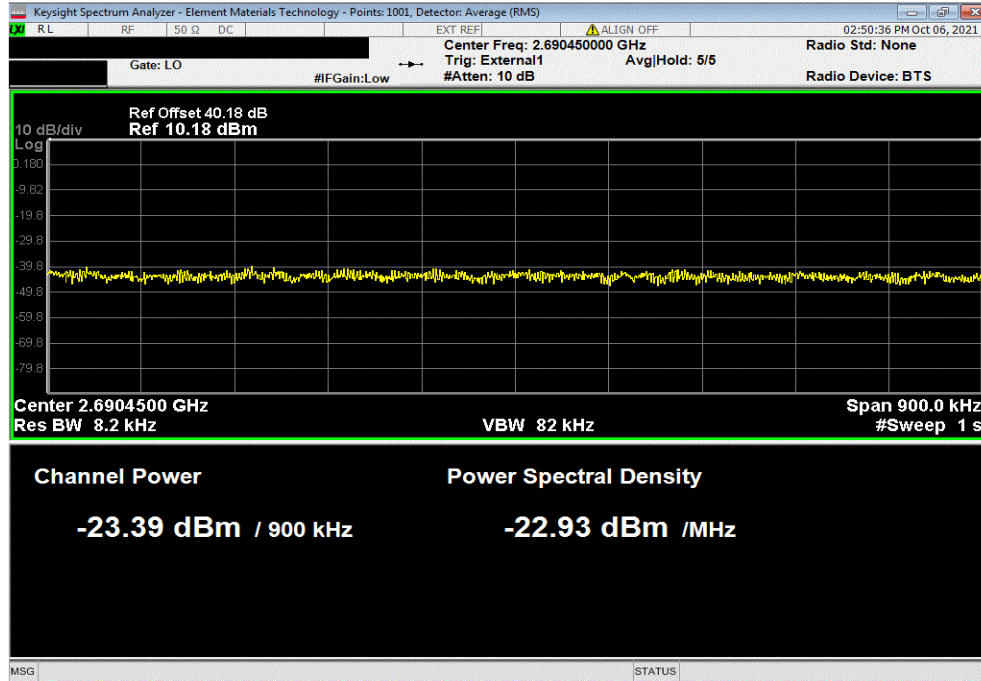


# BAND EDGE COMPLIANCE - 5G NR

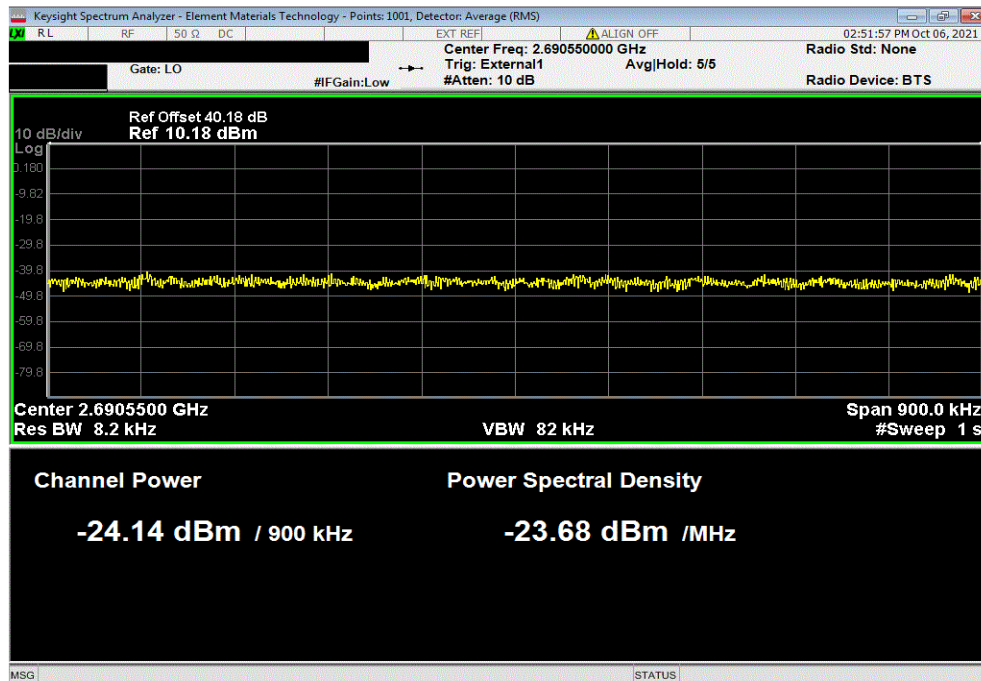


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                 | -23.39          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                 | -24.14          | -19         | Pass   |  |  |  |

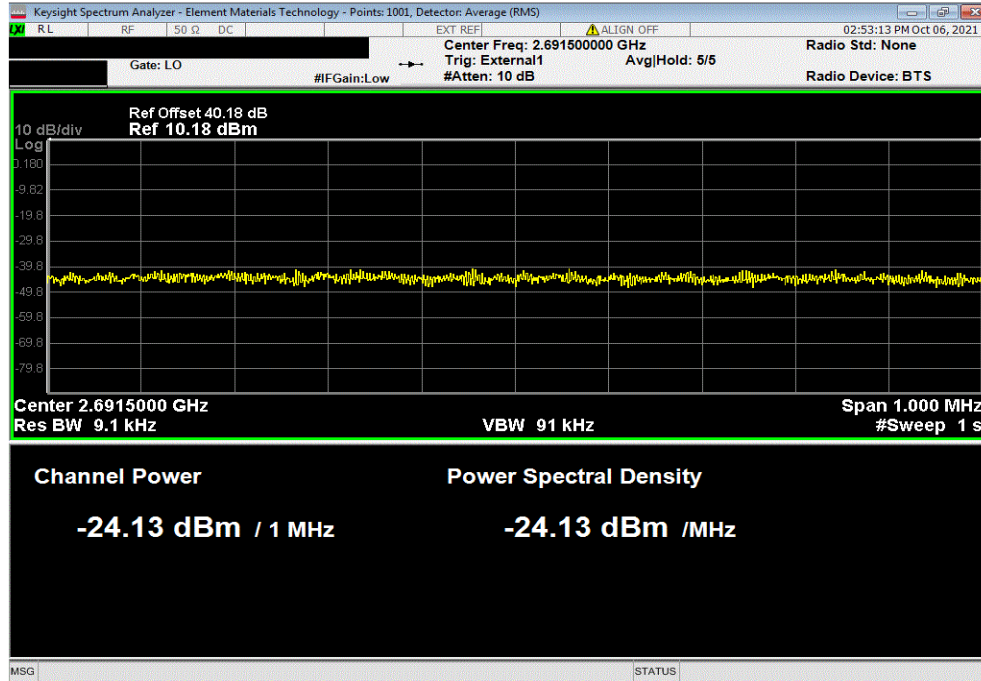


# BAND EDGE COMPLIANCE - 5G NR

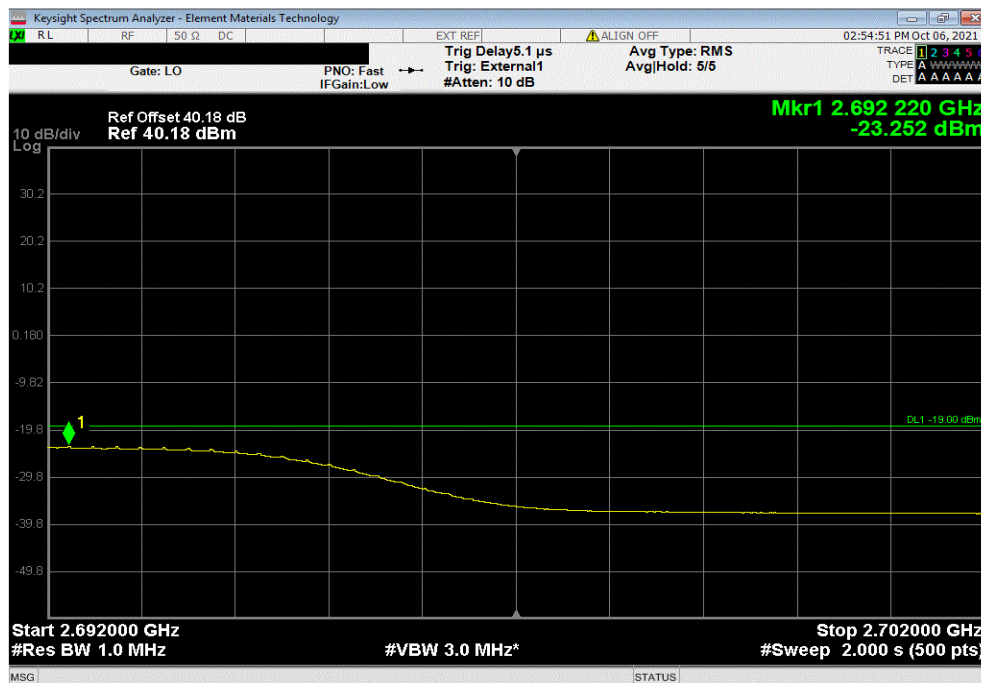


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                 | -24.13          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 16QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                 | -23.25          | -19         | Pass   |  |  |  |

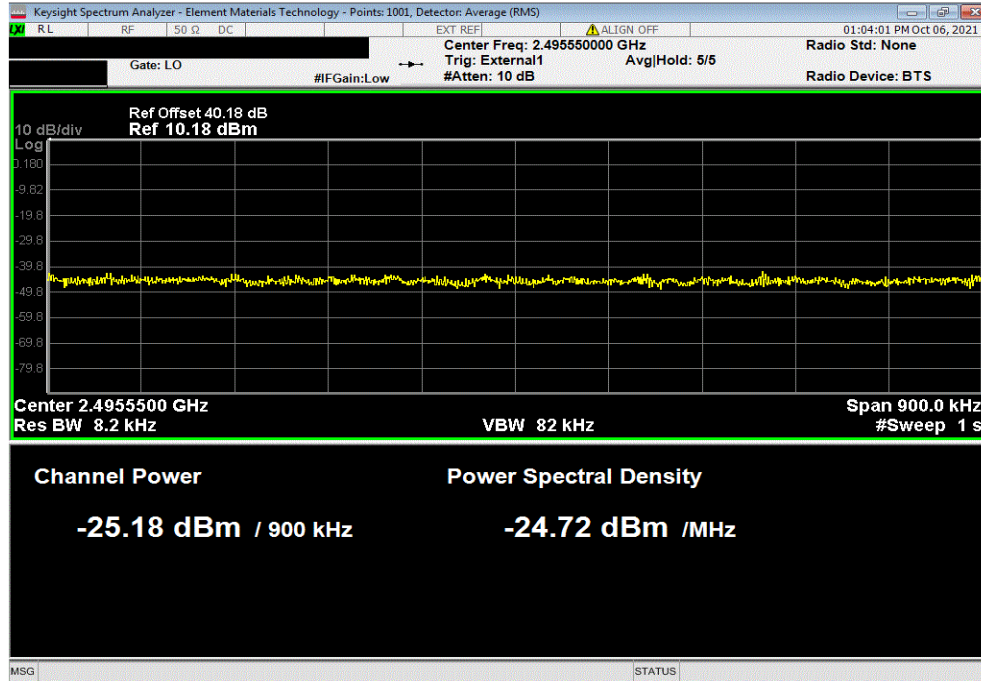


# BAND EDGE COMPLIANCE - 5G NR

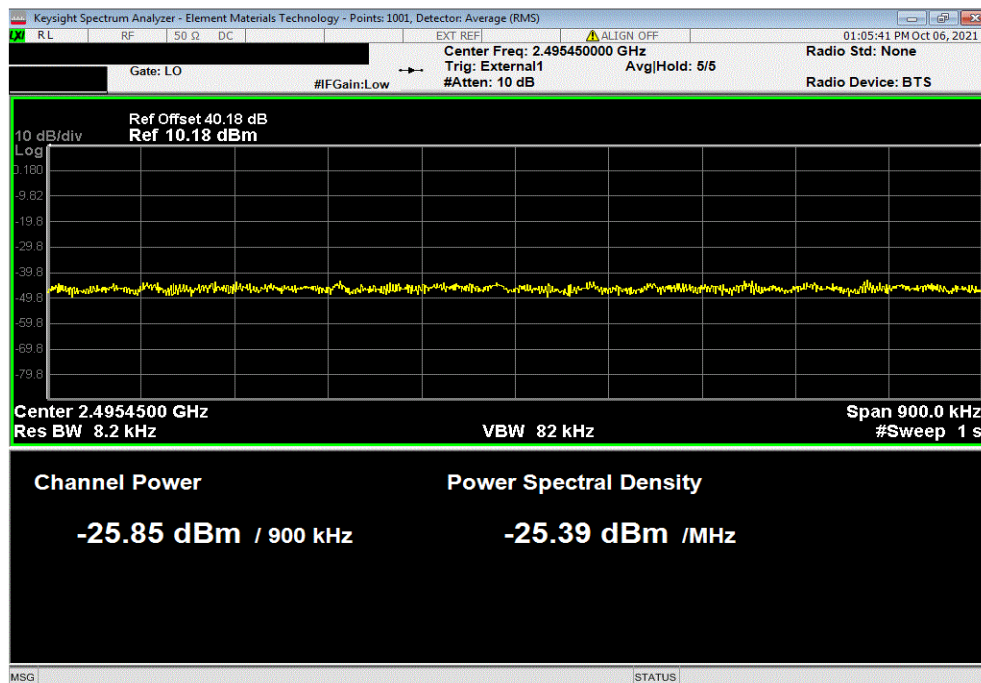


TbTx 2021.03.19.1 XM8 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                  | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                | -25.18          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                  | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                | -25.85          | -19         | Pass   |  |  |  |

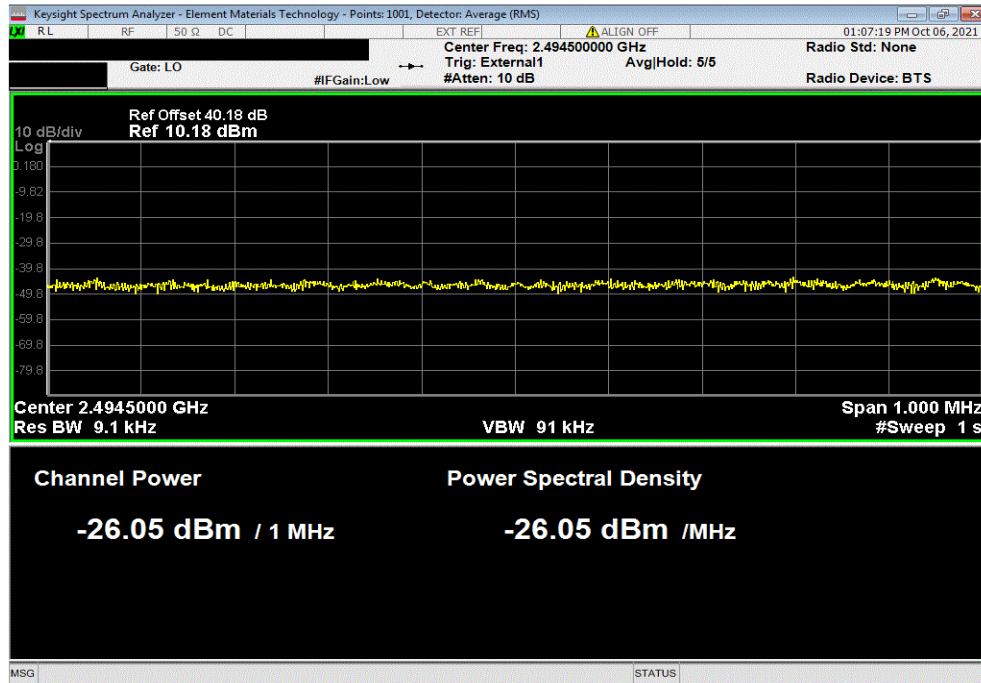


# BAND EDGE COMPLIANCE - 5G NR

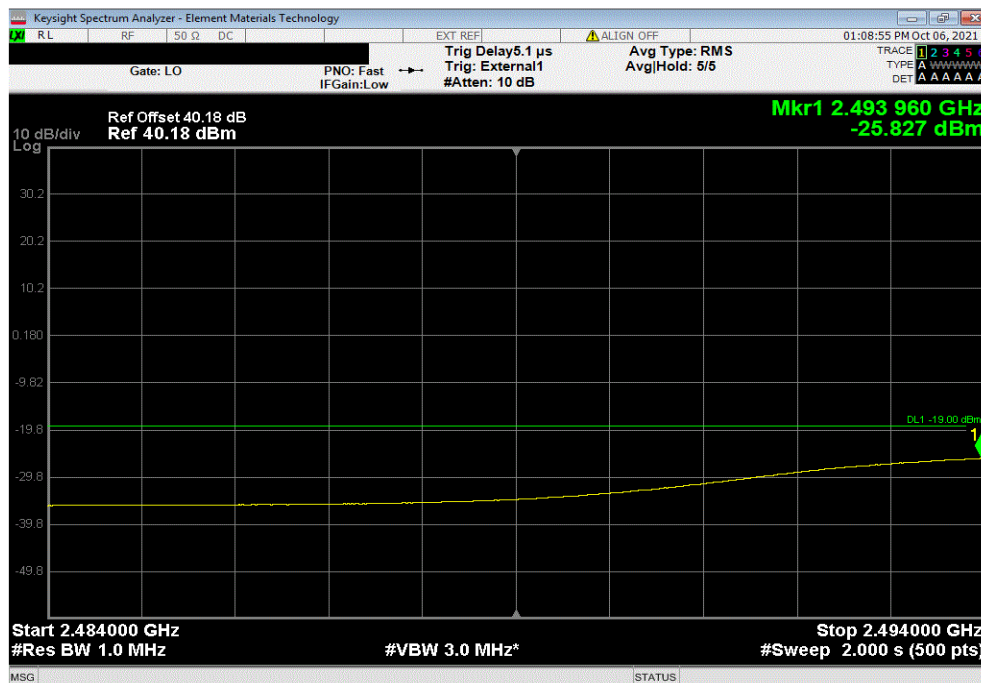


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, Low Channel 2541.00 MHz |  |                 |             |        |  |  |
|------------------------------------------------------------------------------------------------------------------|--|-----------------|-------------|--------|--|--|
| Frequency Range                                                                                                  |  | Max Value (dBm) | Limit (dBm) | Result |  |  |
| 3                                                                                                                |  | -26.05          | -19         | Pass   |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, Low Channel 2541.00 MHz |  |                 |             |        |  |  |
|------------------------------------------------------------------------------------------------------------------|--|-----------------|-------------|--------|--|--|
| Frequency Range                                                                                                  |  | Max Value (dBm) | Limit (dBm) | Result |  |  |
| 4                                                                                                                |  | -25.83          | -19         | Pass   |  |  |

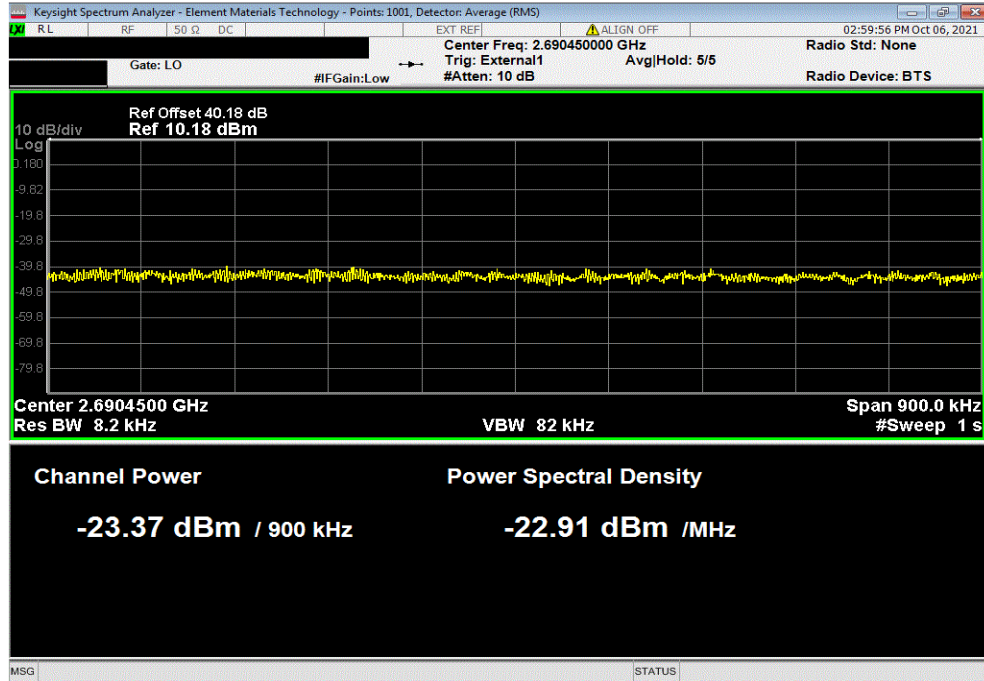


# BAND EDGE COMPLIANCE - 5G NR

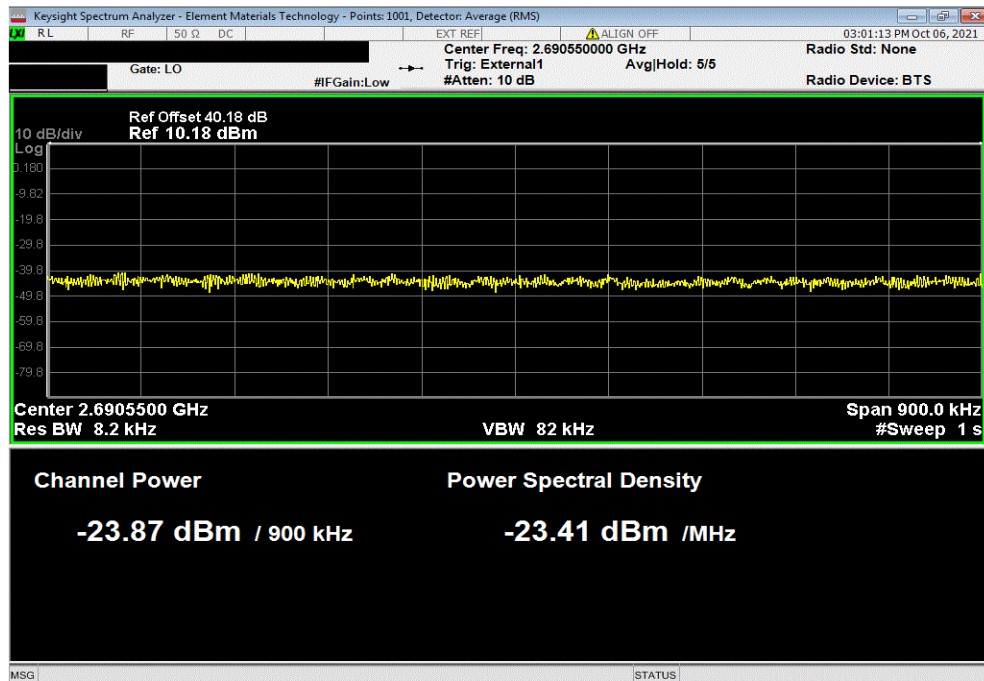


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, High Channel 2644.98 MHz |  |                 |             |        |  |  |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------|-------------|--------|--|--|
| Frequency Range                                                                                                   |  | Max Value (dBm) | Limit (dBm) | Result |  |  |
| 1                                                                                                                 |  | -23.37          | -19         | Pass   |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, High Channel 2644.98 MHz |  |                 |             |        |  |  |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------|-------------|--------|--|--|
| Frequency Range                                                                                                   |  | Max Value (dBm) | Limit (dBm) | Result |  |  |
| 2                                                                                                                 |  | -23.87          | -19         | Pass   |  |  |

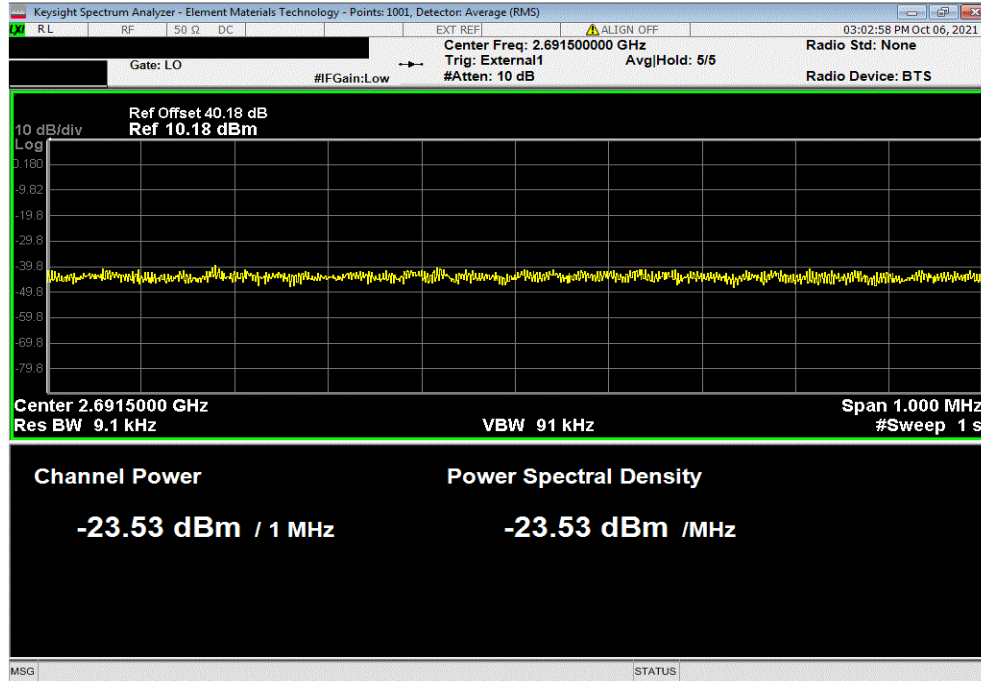


# BAND EDGE COMPLIANCE - 5G NR

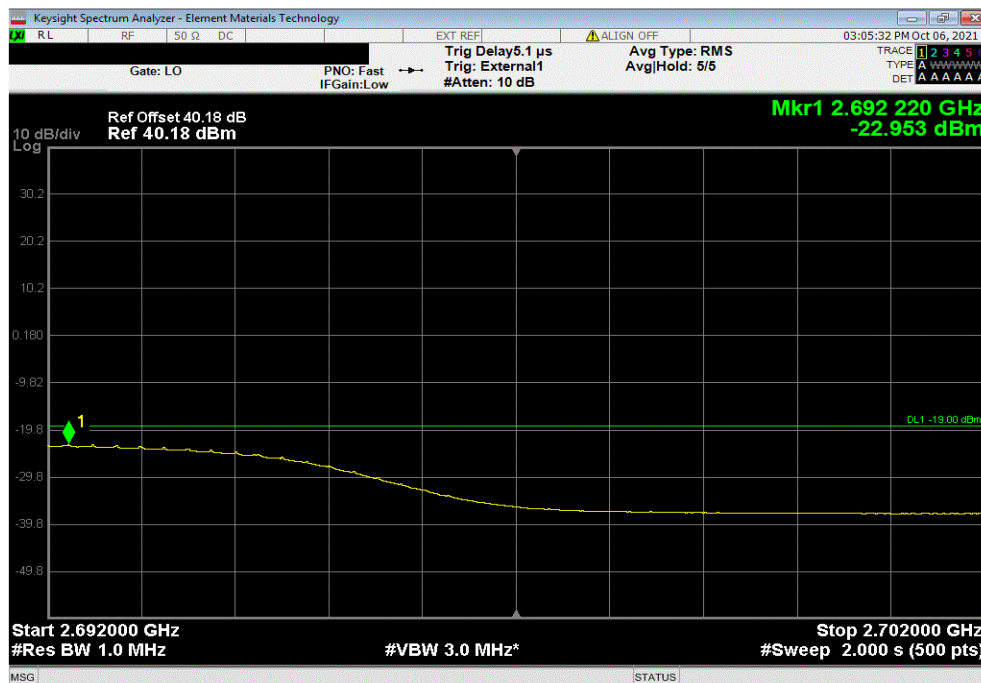


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, High Channel 2644.98 MHz |  |                 |  |             |  |        |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                   |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 3                                                                                                                 |  | -23.53          |  | -19         |  | Pass   |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 64QAM Modulation, High Channel 2644.98 MHz |  |                 |  |             |  |        |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-------------|--|--------|
| Frequency Range                                                                                                   |  | Max Value (dBm) |  | Limit (dBm) |  | Result |
| 4                                                                                                                 |  | -22.95          |  | -19         |  | Pass   |

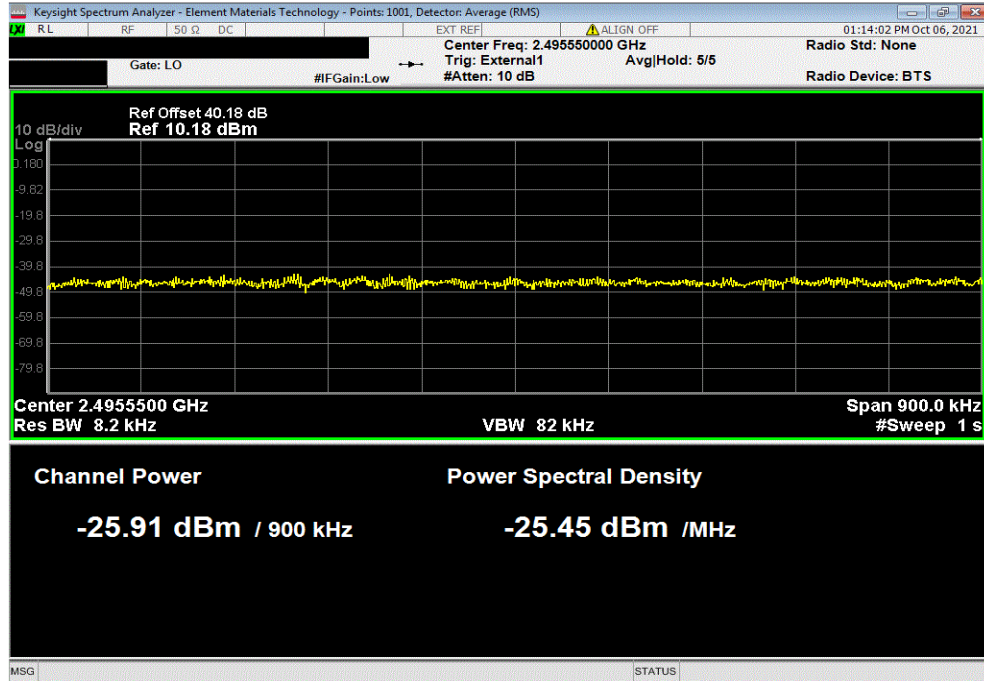


# BAND EDGE COMPLIANCE - 5G NR

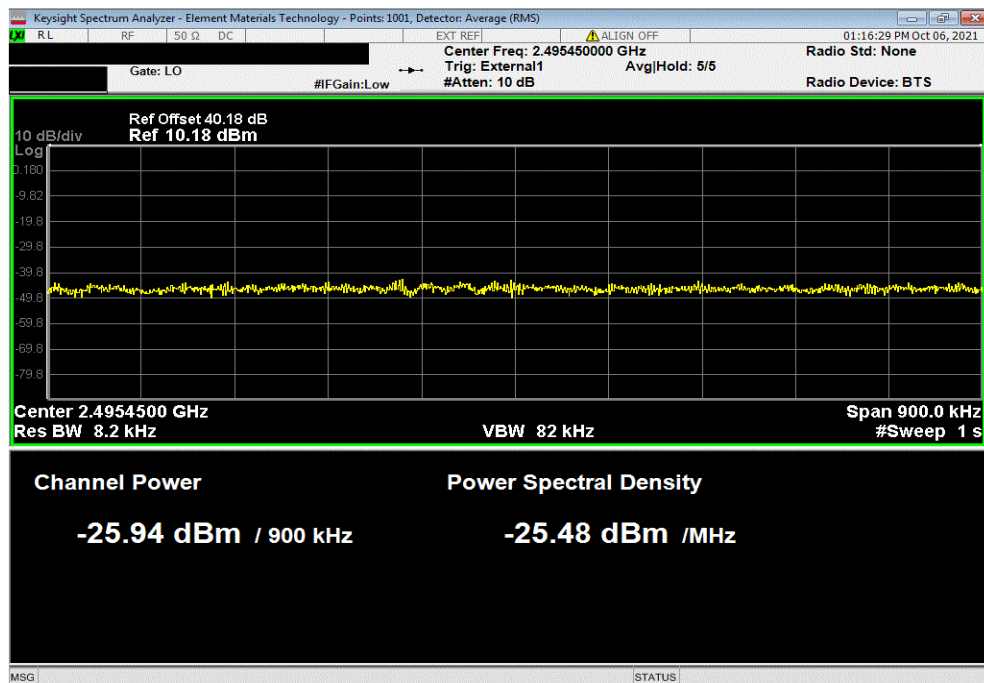


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                 | -25.91          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                 | -25.94          | -19         | Pass   |  |  |  |

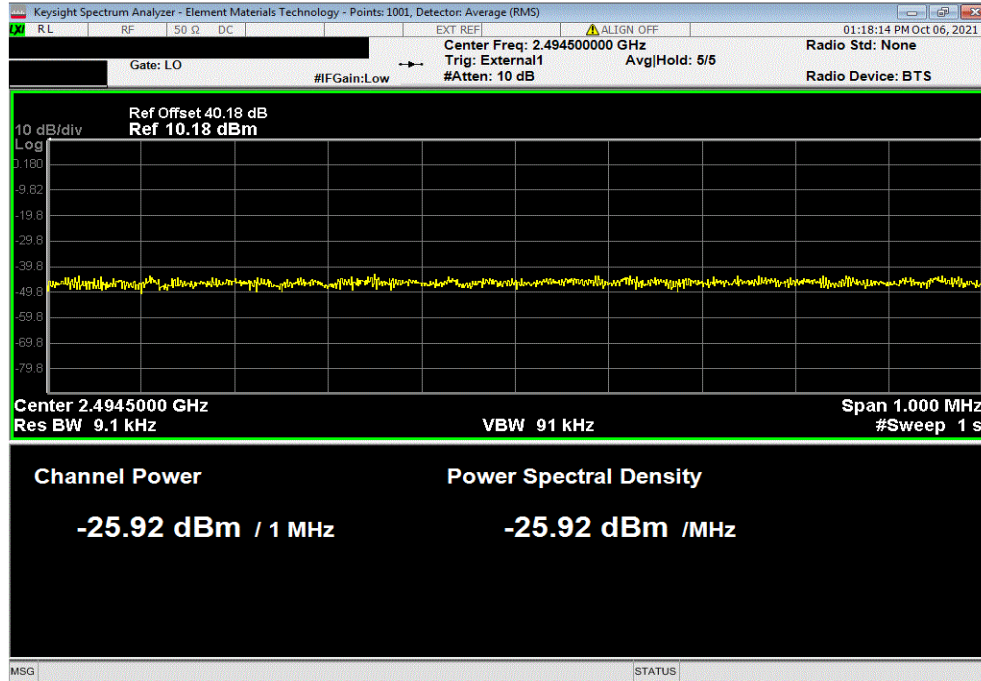


# BAND EDGE COMPLIANCE - 5G NR

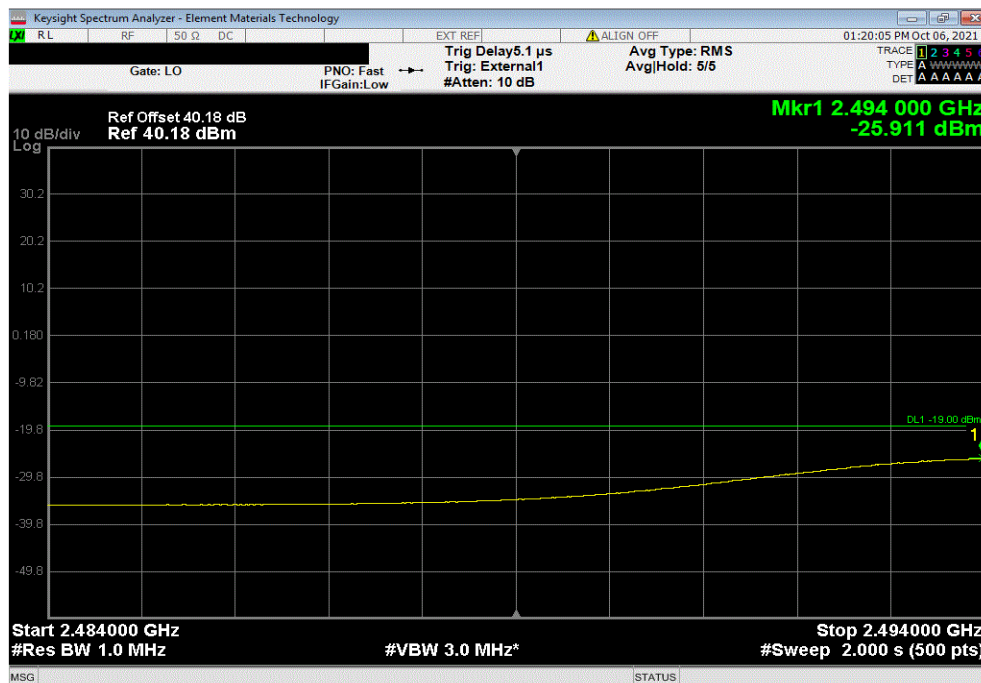


TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                 | -25.92          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, Low Channel 2541.00 MHz |                 |             |        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                   | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                 | -25.91          | -19         | Pass   |  |  |  |

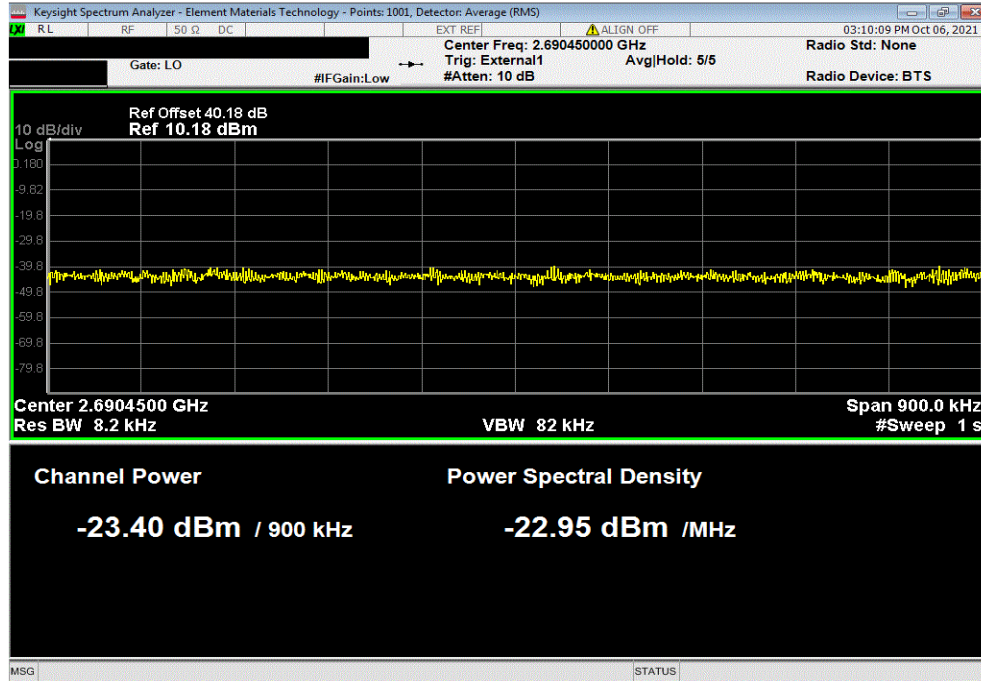


# BAND EDGE COMPLIANCE - 5G NR

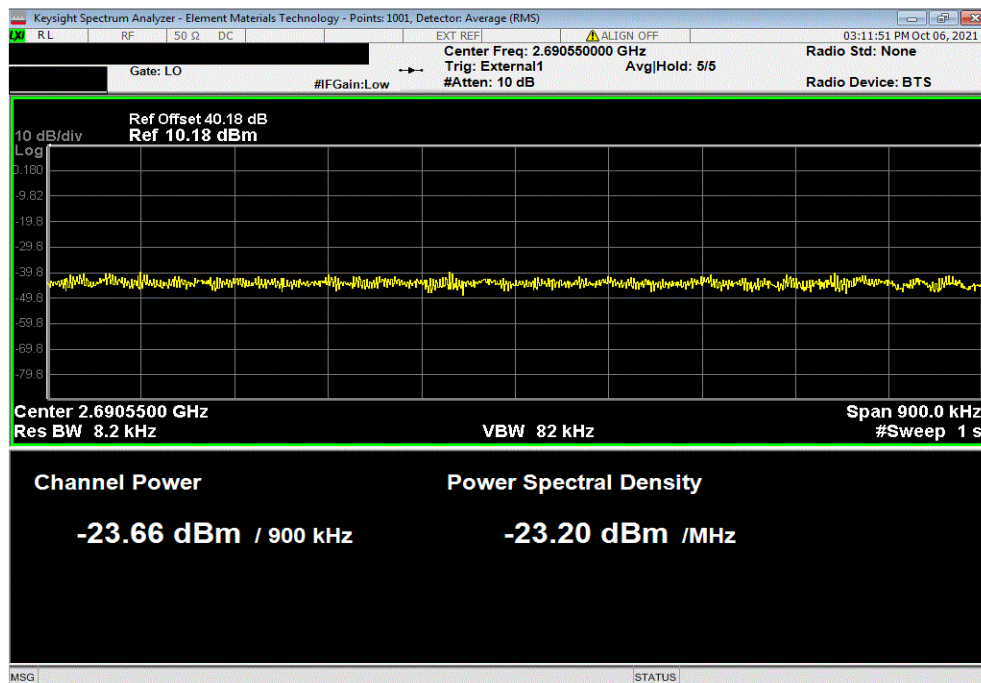


TbTx 2021.03.19.1 XM8 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 1                                                                                                                  | -23.40          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 2                                                                                                                  | -23.66          | -19         | Pass   |  |  |  |

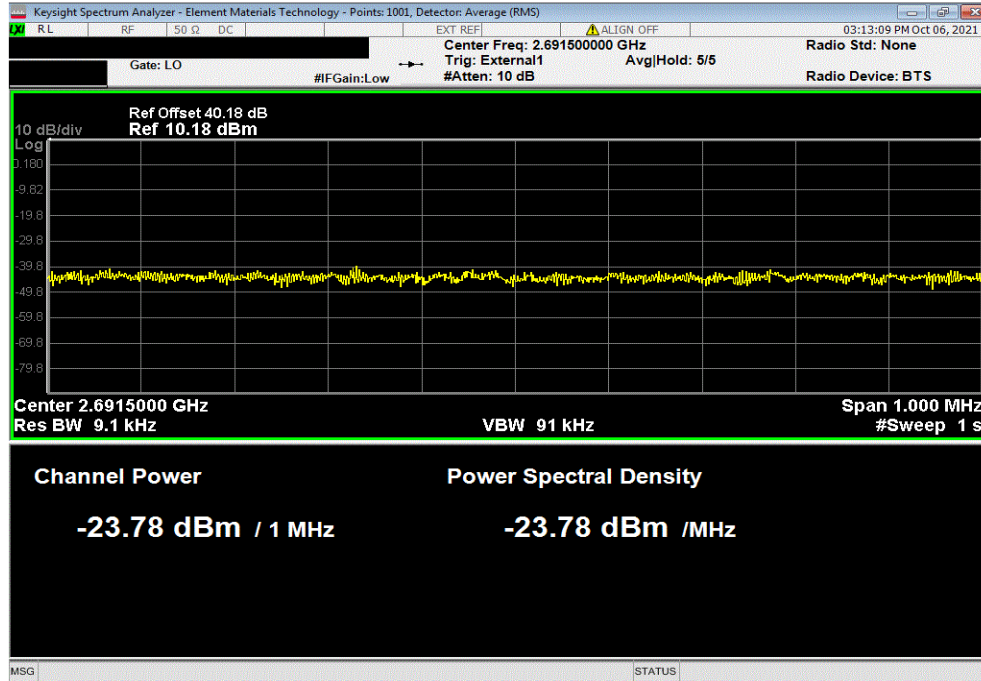


# BAND EDGE COMPLIANCE - 5G NR



TbTx 2021.03.19.1 XMt 2020.12.30.0

| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 3                                                                                                                  | -23.78          | -19         | Pass   |  |  |  |



| Port 1, 5G NR, Band n41, 2496 MHz - 2690 MHz, (NR90) 90 MHz Bandwidth, 256QAM Modulation, High Channel 2644.98 MHz |                 |             |        |  |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------|--|--|--|
| Frequency Range                                                                                                    | Max Value (dBm) | Limit (dBm) | Result |  |  |  |
| 4                                                                                                                  | -23.37          | -19         | Pass   |  |  |  |

