

BAND EDGE COMPLIANCE BAND 66a



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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 | Keysight | N9010A | AFM | 19-Mar-19 | 19-Mar-20 |
| Generator - Signal | Keysight | N5171B-506 | TEW | 2-May-18 | 2-May-21 |

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.

All limits were adjusted by a factor of $[-10 \cdot \log(4)]$ dB to account for the device operation as a 4 port MIMO transmitter, as per FCC KDB 622911.

Per section 27.53(h)(1) and RSS-139 6.6, the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm. The limit is adjusted to -19 dBm $[-13 \text{ dBm} - 10 \log(4)]$ per FCC KDB 662911D01 v02r01 because the BTS may operate as a 4 port MIMO transmitter.

Per 27.53(h)(3) and RSS-139 6.6, emissions seen up to 1 MHz outside of authorized operating frequency range band edges shall be measured with a RBW of 1% of the measured emission bandwidth. Any emission seen to be > 1 MHz further outside the band edges shall be measured with a RBW of 1 MHz. However, a narrower RBW of at least 1% of the emission bandwidth is still allowed provided that the measured power is integrated over the full reference bandwidth of 1 MHz (not from part 27 but from TCB Meeting/TCB Correspondence on other testing)..

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| | | | |
|---|---|-----------------------------|--------------------|
| EUT: AHFIA | | Work Order: NOKI0008 | |
| Serial Number: K9174623559 | | Date: 18-Feb-20 | |
| Customer: Nokia of America Corporation | | Temperature: 22.4 °C | |
| Attendees: Mitch Hill, John Rattanavong | | Humidity: 45.5% RH | |
| Project: None | | Barometric Pres.: 1018 mbar | |
| Tested by: Brandon Hobbs | | Power: 54VDC | |
| Job Site: TX09 | | Test Method | |
| TEST SPECIFICATIONS | | ANSI C63.26:2015 | |
| FCC 27:2020 | | RSS-139:2015 | |
| RSS-139:2015 | | RSS-139:2015 | |
| COMMENTS | | | |
| All measurement path losses were accounted for in the reference level offset including any attenuators, filters and DC blocks. All measurement path losses were accounted for in the reference level offset including any attenuators, filters and DC blocks. The data was taken while using the highest output power port which was found in the original client provided test report. | | | |
| DEVIATIONS FROM TEST STANDARD | | | |
| None | | | |
| Configuration # | 2 | Signature | |
| | | Value (dBm) | Limit (dBm) Result |

| | | | |
|---|--------|-----|------|
| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4 | | | |
| 5 MHz Bandwidth | | | |
| QPSK Modulation | | | |
| Low Channel 2112.5 MHz | | | |
| Frequency Range 1 | -20.40 | -19 | Pass |
| Frequency Range 2 | -20.19 | -19 | Pass |
| Frequency Range 3 | -20.54 | -19 | Pass |
| High Channel 2177.5 MHz | | | |
| Frequency Range 1 | -20.75 | -19 | Pass |
| Frequency Range 2 | -21.89 | -19 | Pass |
| Frequency Range 3 | -22.79 | -19 | Pass |
| 16-QAM Modulation | | | |
| Low Channel 2112.5 MHz | | | |
| Frequency Range 1 | -22.10 | -19 | Pass |
| Frequency Range 2 | -19.85 | -19 | Pass |
| Frequency Range 3 | -20.20 | -19 | Pass |
| High Channel 2177.5 MHz | | | |
| Frequency Range 1 | -20.59 | -19 | Pass |
| Frequency Range 2 | -22.21 | -19 | Pass |
| Frequency Range 3 | -22.78 | -19 | Pass |
| 64-QAM Modulation | | | |
| Low Channel 2112.5 MHz | | | |
| Frequency Range 1 | -20.23 | -19 | Pass |
| Frequency Range 2 | -20.68 | -19 | Pass |
| Frequency Range 3 | -20.72 | -19 | Pass |
| High Channel 2177.5 MHz | | | |
| Frequency Range 1 | -21.42 | -19 | Pass |
| Frequency Range 2 | -22.38 | -19 | Pass |
| Frequency Range 3 | -22.78 | -19 | Pass |
| 256-QAM Modulation | | | |
| Low Channel 2112.5 MHz | | | |
| Frequency Range 1 | -20.81 | -19 | Pass |
| Frequency Range 2 | -20.26 | -19 | Pass |
| Frequency Range 3 | -20.79 | -19 | Pass |
| High Channel 2177.5 MHz | | | |
| Frequency Range 1 | -21.19 | -19 | Pass |
| Frequency Range 2 | -22.85 | -19 | Pass |
| Frequency Range 3 | -22.70 | -19 | Pass |
| 10 MHz Bandwidth | | | |
| QPSK Modulation | | | |
| Low Channel 2115 MHz | | | |
| Frequency Range 1 | -24.23 | -19 | Pass |
| Frequency Range 2 | -32.22 | -19 | Pass |
| Frequency Range 3 | -23.05 | -19 | Pass |
| High Channel 2175 MHz | | | |
| Frequency Range 1 | -25.61 | -19 | Pass |
| Frequency Range 2 | -23.96 | -19 | Pass |
| Frequency Range 3 | -23.88 | -19 | Pass |
| 16-QAM Modulation | | | |
| Low Channel 2115 MHz | | | |
| Frequency Range 1 | -25.68 | -19 | Pass |
| Frequency Range 2 | -23.10 | -19 | Pass |
| Frequency Range 3 | -23.55 | -19 | Pass |
| High Channel 2175 MHz | | | |
| Frequency Range 1 | -26.48 | -19 | Pass |
| Frequency Range 2 | -23.90 | -19 | Pass |
| Frequency Range 3 | -23.78 | -19 | Pass |
| 64-QAM Modulation | | | |
| Low Channel 2115 MHz | | | |
| Frequency Range 1 | -24.59 | -19 | Pass |
| Frequency Range 2 | -23.55 | -19 | Pass |
| Frequency Range 3 | -23.61 | -19 | Pass |
| High Channel 2175 MHz | | | |
| Frequency Range 1 | -25.57 | -19 | Pass |
| Frequency Range 2 | -23.27 | -19 | Pass |
| Frequency Range 3 | -23.73 | -19 | Pass |
| 256-QAM Modulation | | | |
| Low Channel 2115 MHz | | | |
| Frequency Range 1 | -23.67 | -19 | Pass |
| Frequency Range 2 | -23.91 | -19 | Pass |
| Frequency Range 3 | -23.45 | -19 | Pass |
| High Channel 2175 MHz | | | |
| Frequency Range 1 | -24.95 | -19 | Pass |
| Frequency Range 2 | -23.48 | -19 | Pass |
| Frequency Range 3 | -23.52 | -19 | Pass |
| 15 MHz Bandwidth | | | |

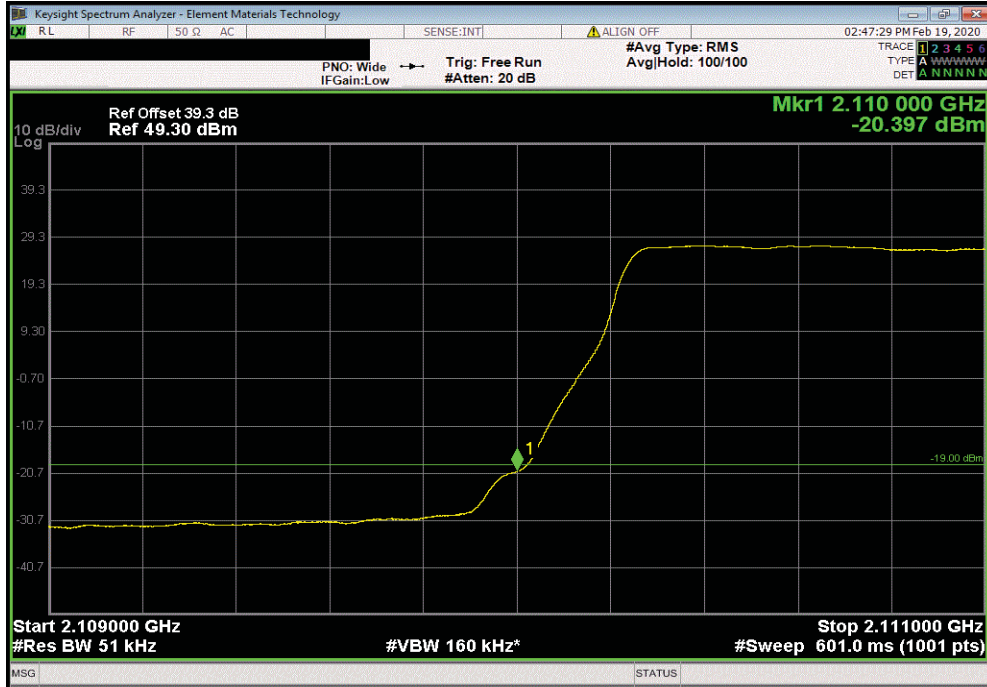
| | | | | |
|--------------------------------|-------------------|--------|-----|------|
| QPSK Modulation | | | | |
| Low Channel 2117.5 MHz | | | | |
| | Frequency Range 1 | -24.71 | -19 | Pass |
| | Frequency Range 2 | -24.04 | -19 | Pass |
| | Frequency Range 3 | -24.32 | -19 | Pass |
| High Channel 2172.5 MHz | | | | |
| | Frequency Range 1 | -26.08 | -19 | Pass |
| | Frequency Range 2 | -24.19 | -19 | Pass |
| | Frequency Range 3 | -24.41 | -19 | Pass |
| 16-QAM Modulation | | | | |
| Low Channel 2117.5 MHz | | | | |
| | Frequency Range 1 | -25.82 | -19 | Pass |
| | Frequency Range 2 | -24.67 | -19 | Pass |
| | Frequency Range 3 | -24.55 | -19 | Pass |
| High Channel 2172.5 MHz | | | | |
| | Frequency Range 1 | -25.14 | -19 | Pass |
| | Frequency Range 2 | -24.16 | -19 | Pass |
| | Frequency Range 3 | -24.30 | -19 | Pass |
| 64-QAM Modulation | | | | |
| Low Channel 2117.5 MHz | | | | |
| | Frequency Range 1 | -24.37 | -19 | Pass |
| | Frequency Range 2 | -24.30 | -19 | Pass |
| | Frequency Range 3 | -24.50 | -19 | Pass |
| High Channel 2172.5 MHz | | | | |
| | Frequency Range 1 | -25.39 | -19 | Pass |
| | Frequency Range 2 | -24.04 | -19 | Pass |
| | Frequency Range 3 | -24.17 | -19 | Pass |
| 256-QAM Modulation | | | | |
| Low Channel 2117.5 MHz | | | | |
| | Frequency Range 1 | -24.72 | -19 | Pass |
| | Frequency Range 2 | -24.49 | -19 | Pass |
| | Frequency Range 3 | -24.29 | -19 | Pass |
| High Channel 2172.5 MHz | | | | |
| | Frequency Range 1 | -25.30 | -19 | Pass |
| | Frequency Range 2 | -23.90 | -19 | Pass |
| | Frequency Range 3 | -24.04 | -19 | Pass |
| 20 MHz Bandwidth | | | | |
| QPSK Modulation | | | | |
| Low Channel 2120 MHz | | | | |
| | Frequency Range 1 | -22.61 | -19 | Pass |
| | Frequency Range 2 | -25.09 | -19 | Pass |
| | Frequency Range 3 | -24.75 | -19 | Pass |
| High Channel 2170 MHz | | | | |
| | Frequency Range 1 | -22.81 | -19 | Pass |
| | Frequency Range 2 | -24.48 | -19 | Pass |
| | Frequency Range 3 | -24.20 | -19 | Pass |
| 16-QAM Modulation | | | | |
| Low Channel 2120 MHz | | | | |
| | Frequency Range 1 | -23.24 | -19 | Pass |
| | Frequency Range 2 | -25.08 | -19 | Pass |
| | Frequency Range 3 | -24.85 | -19 | Pass |
| High Channel 2170 MHz | | | | |
| | Frequency Range 1 | -22.91 | -19 | Pass |
| | Frequency Range 2 | -24.62 | -19 | Pass |
| | Frequency Range 3 | -24.22 | -19 | Pass |
| 64-QAM Modulation | | | | |
| Low Channel 2120 MHz | | | | |
| | Frequency Range 1 | -22.77 | -19 | Pass |
| | Frequency Range 2 | -25.17 | -19 | Pass |
| | Frequency Range 3 | -24.87 | -19 | Pass |
| High Channel 2170 MHz | | | | |
| | Frequency Range 1 | -22.07 | -19 | Pass |
| | Frequency Range 2 | -24.40 | -19 | Pass |
| | Frequency Range 3 | -24.30 | -19 | Pass |
| 256-QAM Modulation | | | | |
| Low Channel 2120 MHz | | | | |
| | Frequency Range 1 | -22.93 | -19 | Pass |
| | Frequency Range 2 | -25.04 | -19 | Pass |
| | Frequency Range 3 | -24.83 | -19 | Pass |
| High Channel 2170 MHz | | | | |
| | Frequency Range 1 | -23.27 | -19 | Pass |
| | Frequency Range 2 | -24.47 | -19 | Pass |
| | Frequency Range 3 | -24.36 | -19 | Pass |

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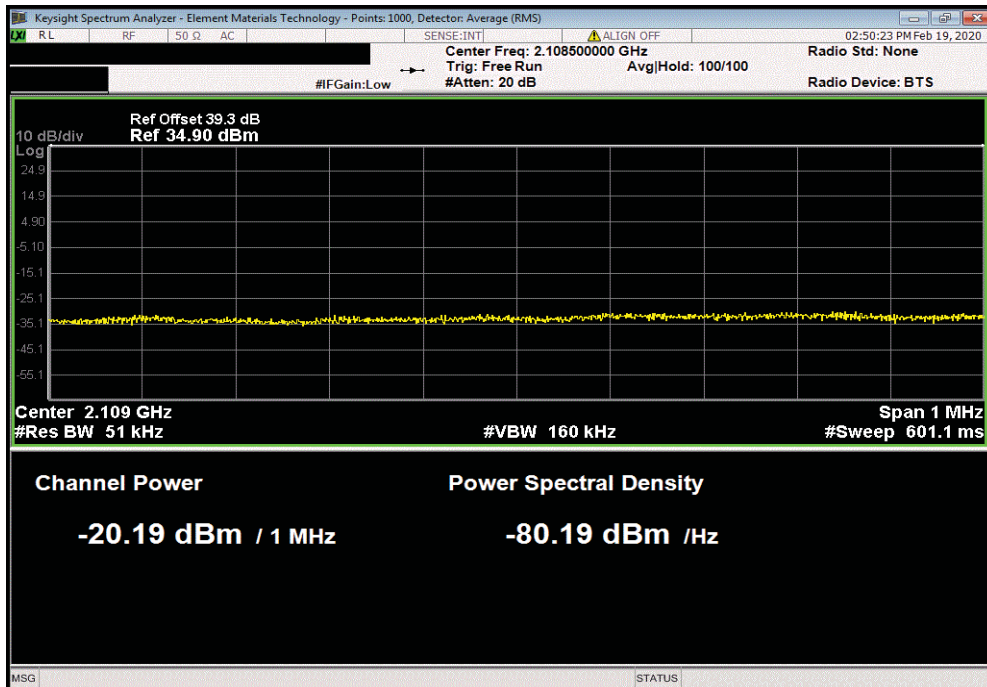


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , QPSK Modulation, Low Channel 2112.5 MHz, Frequency Range 1 | | | | | | |
|---|--|--|--|-------------|-------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.397 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , QPSK Modulation, Low Channel 2112.5 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|-------------|-------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.19 | -19 | Pass |

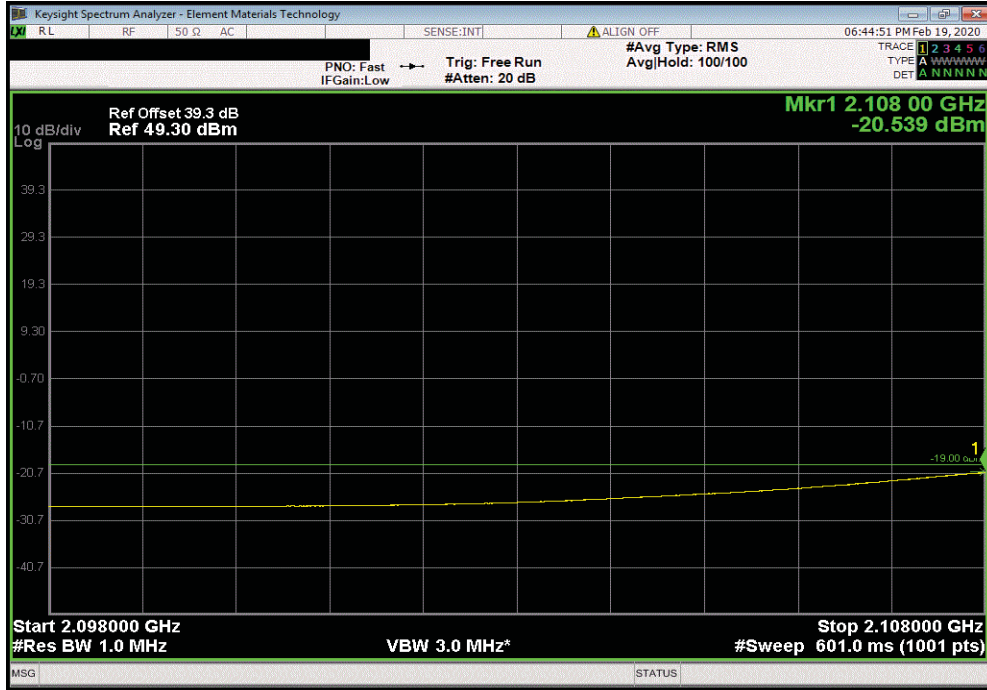


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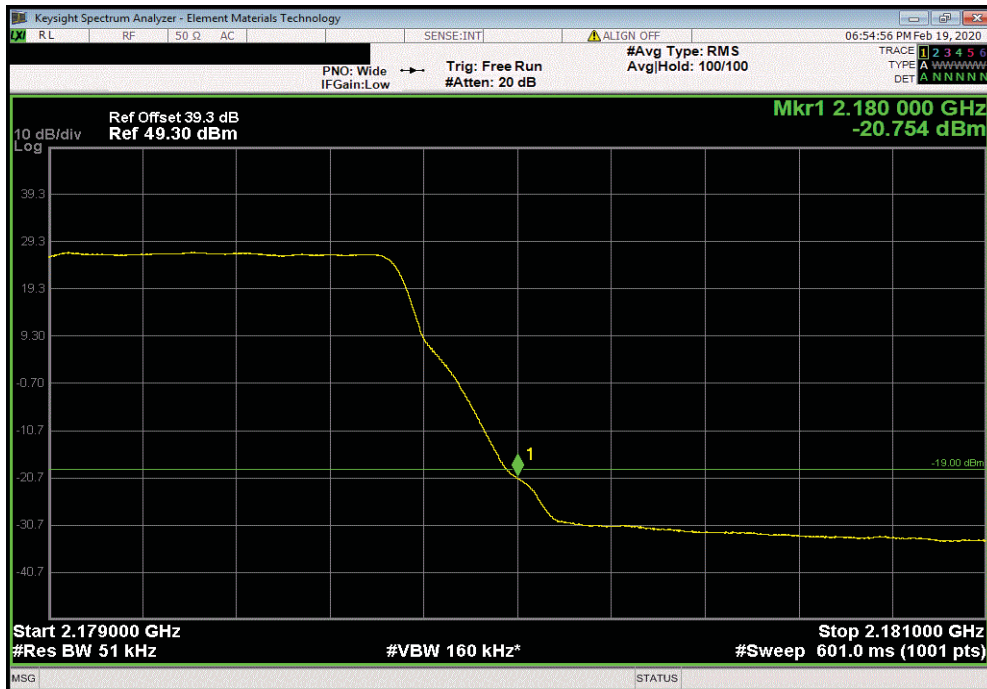


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , QPSK Modulation, Low Channel 2112.5 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.539 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , QPSK Modulation, High Channel 2177.5 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.754 | -19 | Pass |

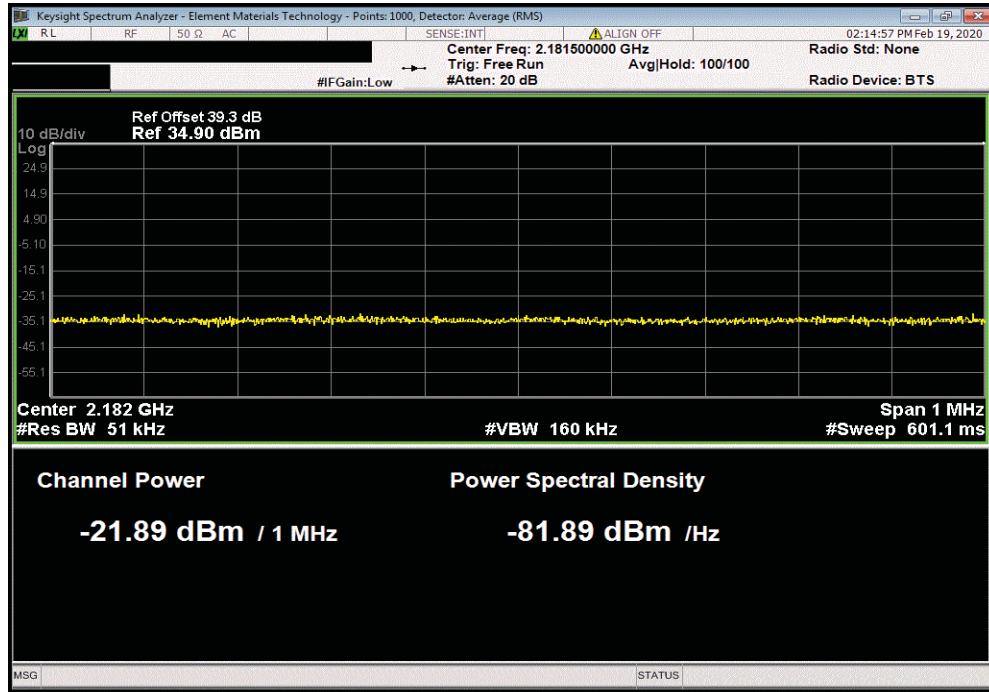


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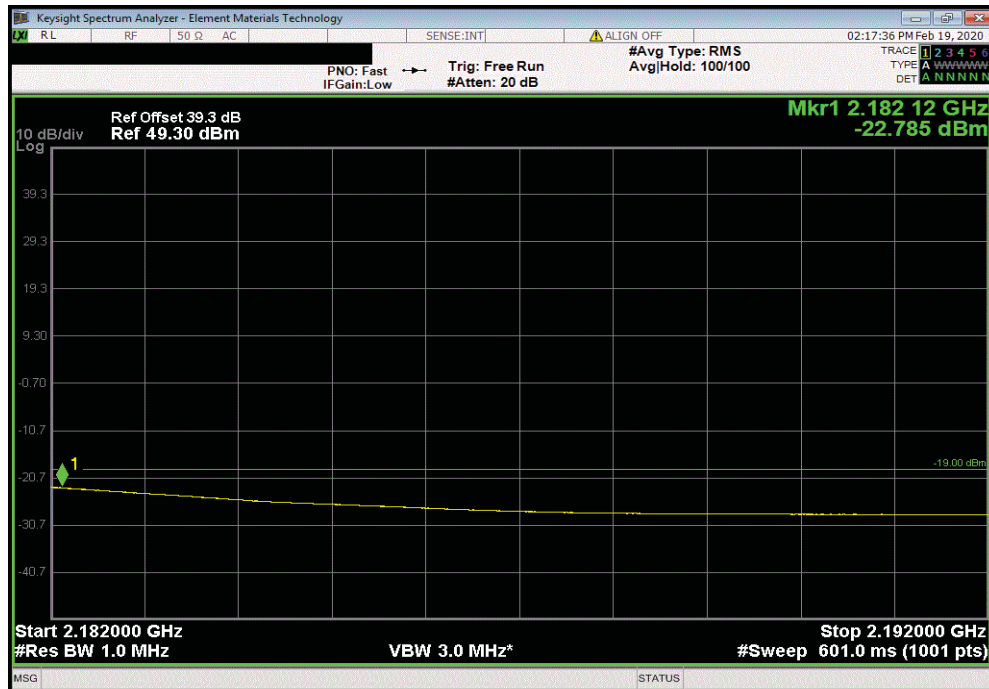


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , QPSK Modulation, High Channel 2177.5 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -21.89 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , QPSK Modulation, High Channel 2177.5 MHz, Frequency Range 3 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.785 | -19 | Pass |

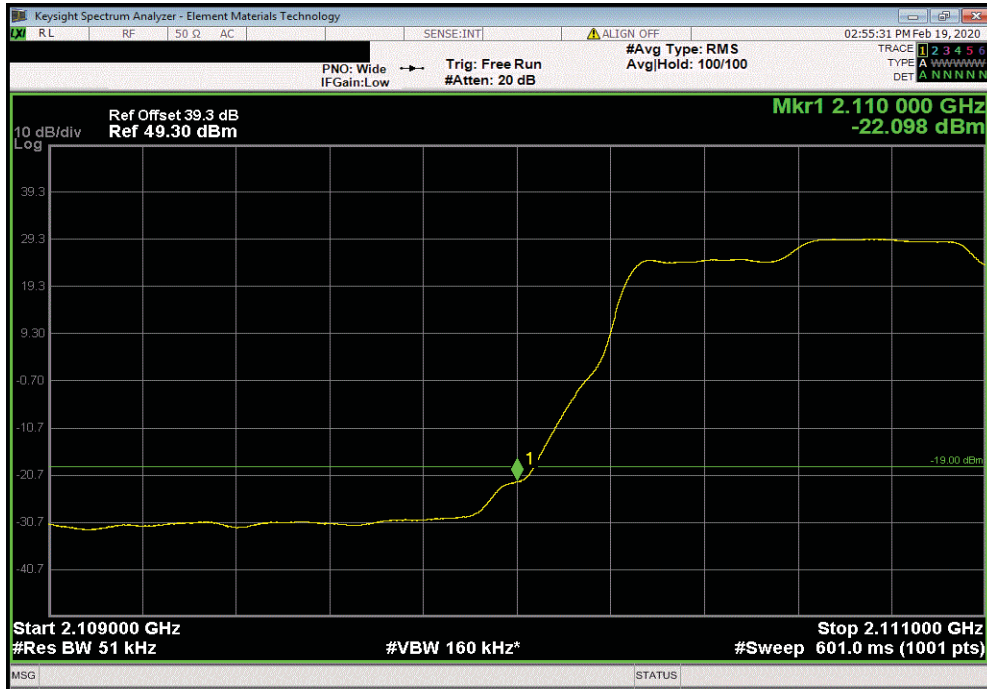


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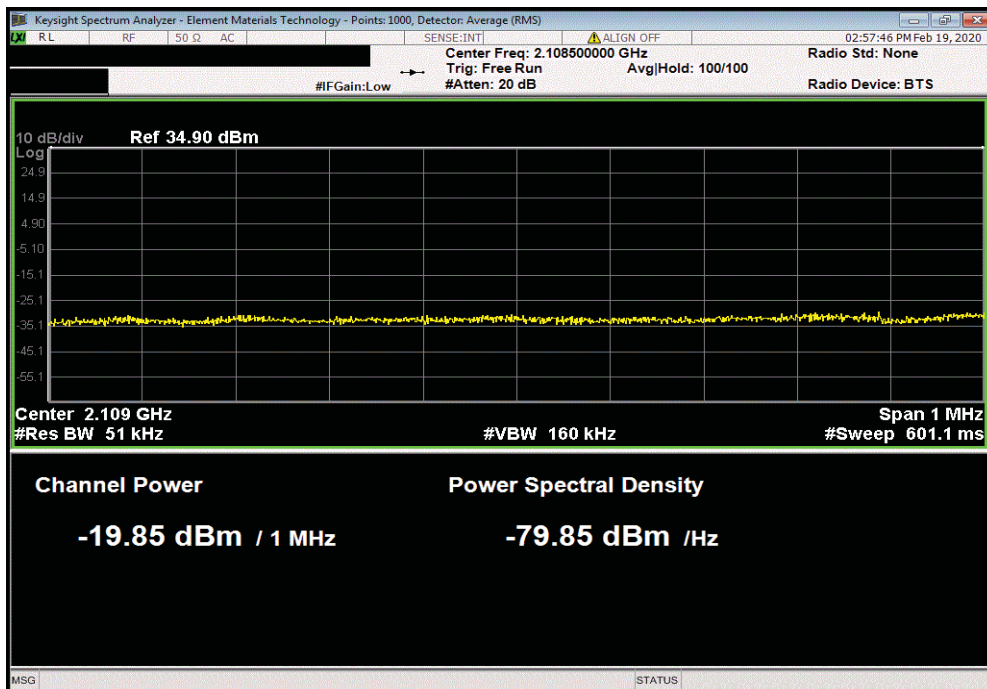


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 16-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 1 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.098 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 16-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -19.85 | -19 | Pass |

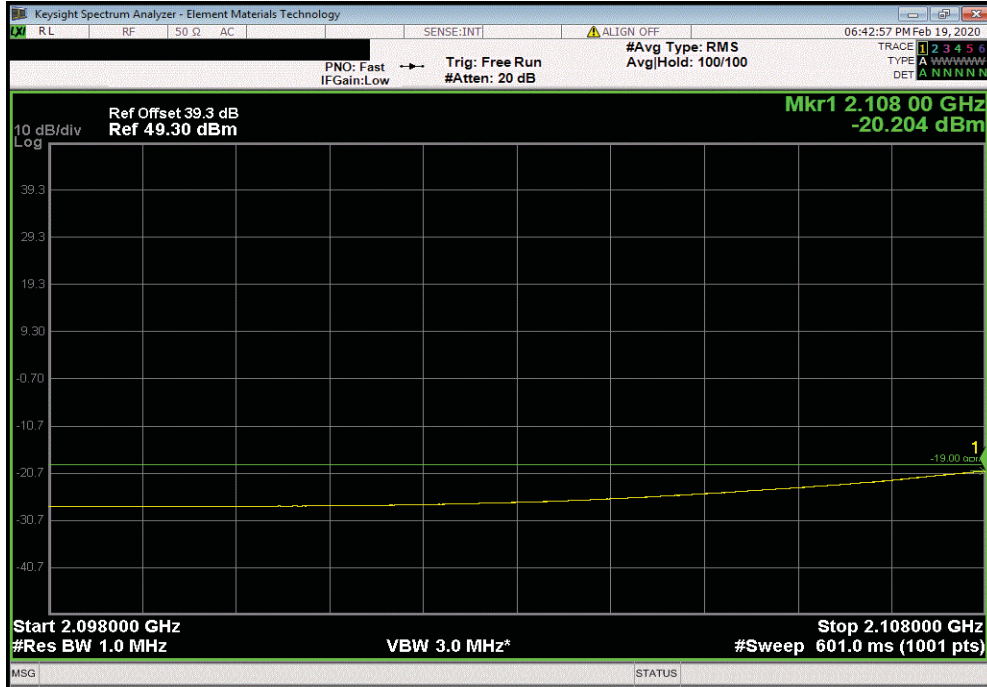


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 16-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.204 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 16-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.587 | -19 | Pass |

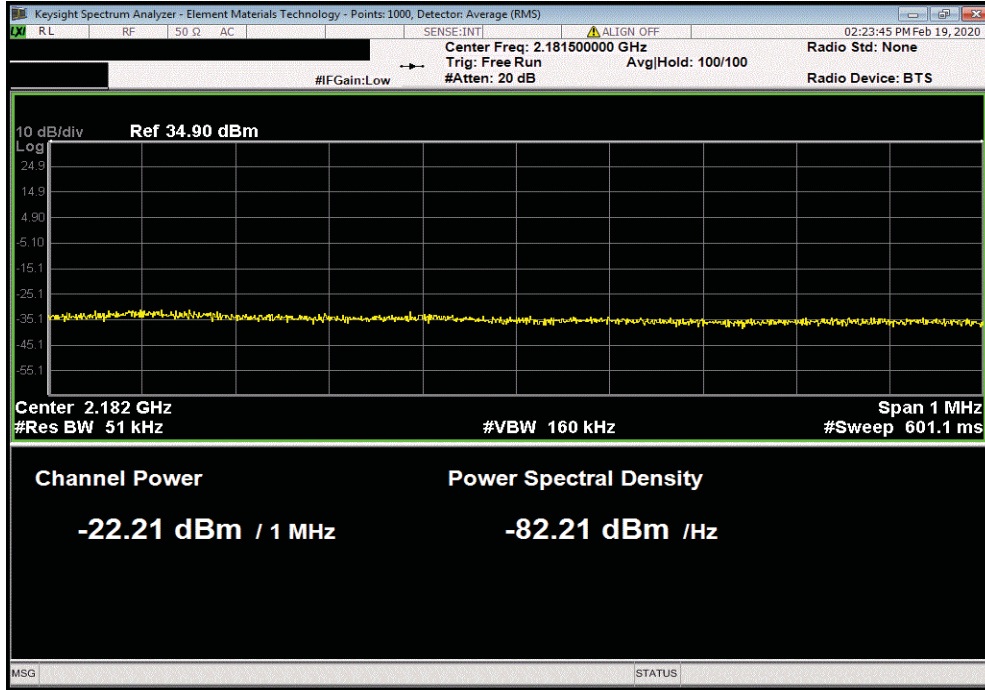


BAND EDGE COMPLIANCE BAND 66a

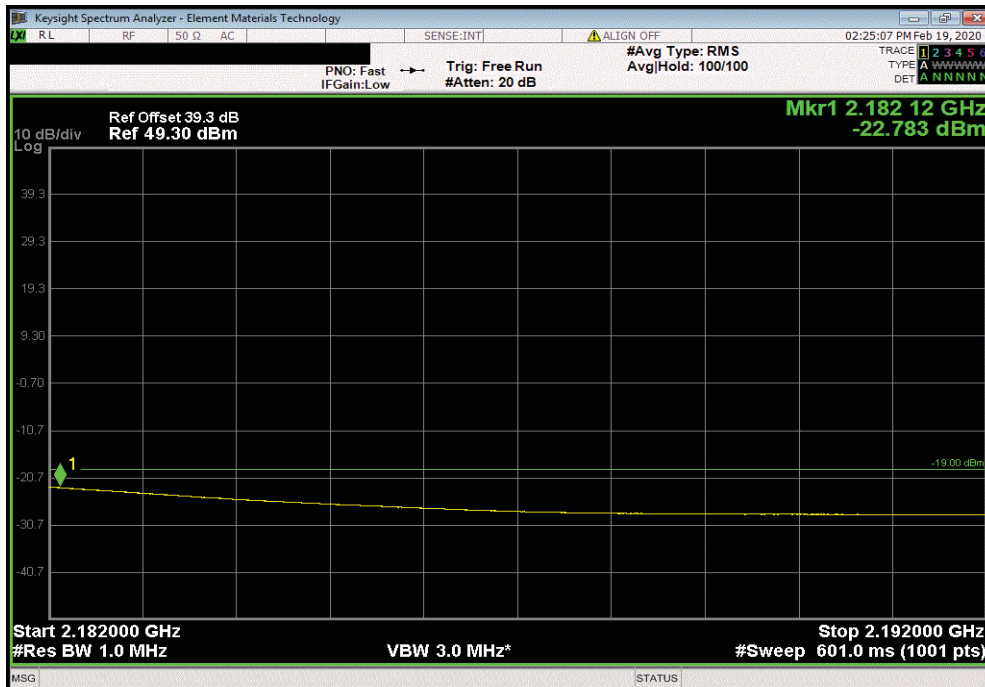


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth, 16-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.21 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth, 16-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.783 | -19 | Pass |

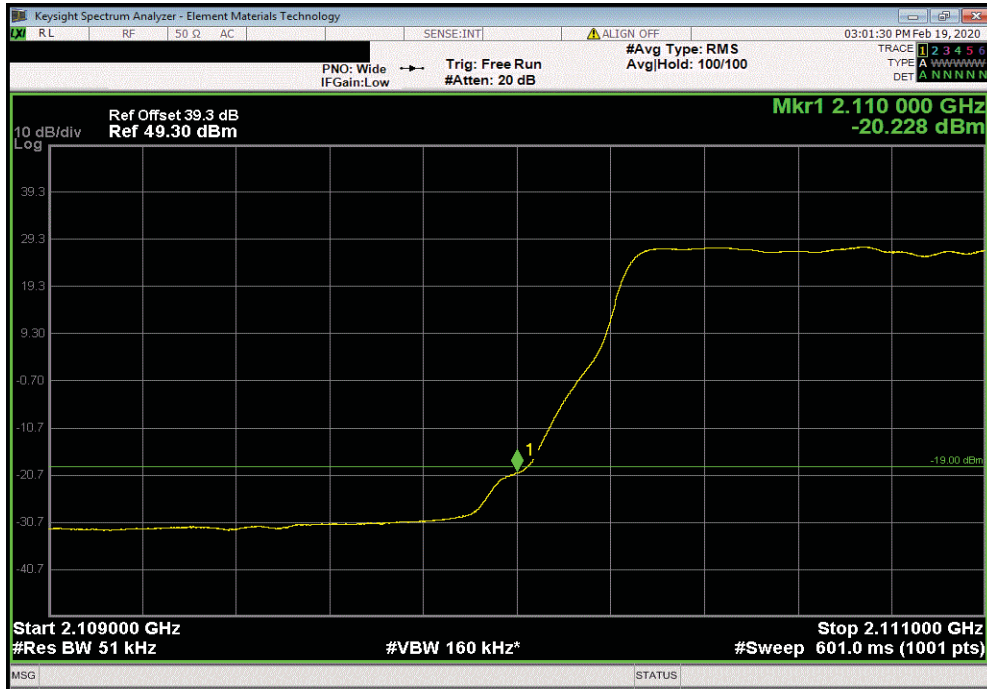


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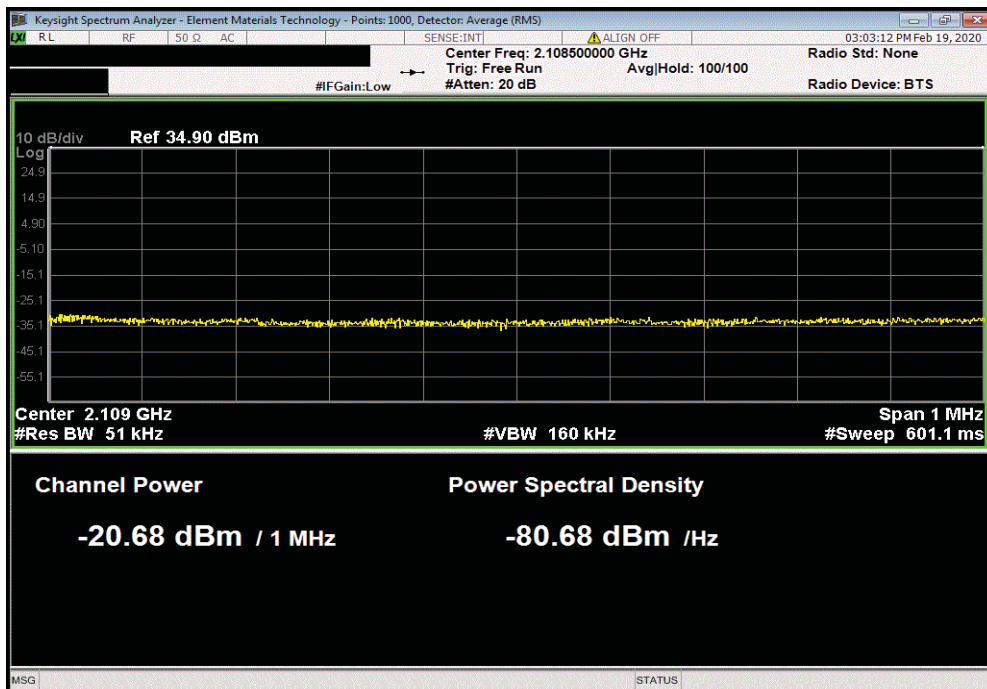


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 1 | | | | | | |
|---|--|--|--|-------------|-------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.228 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|-------------|-------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.68 | -19 | Pass |

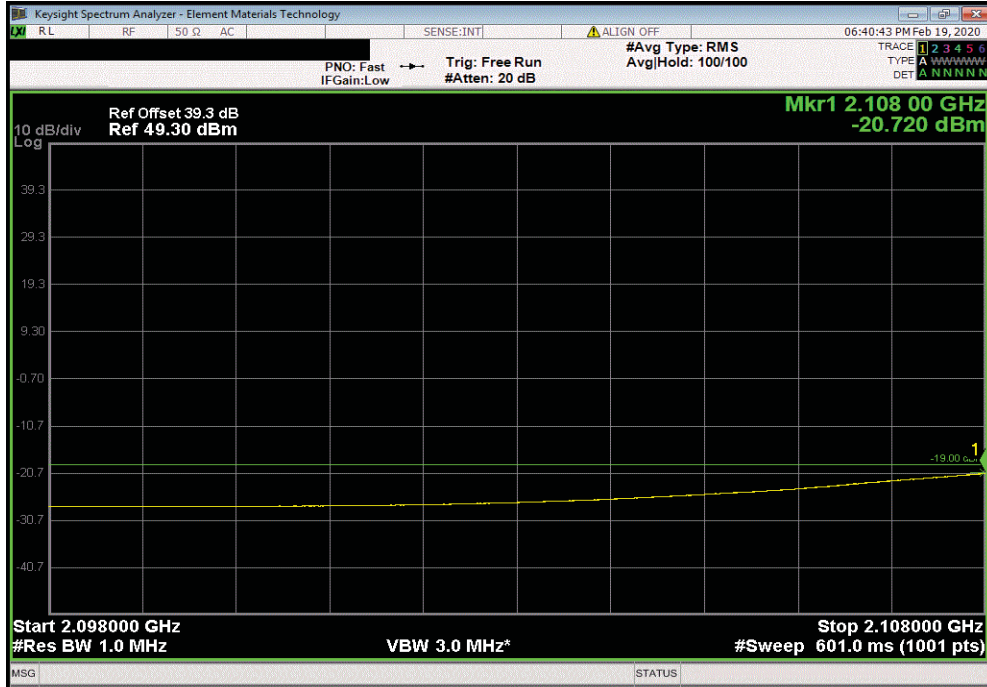


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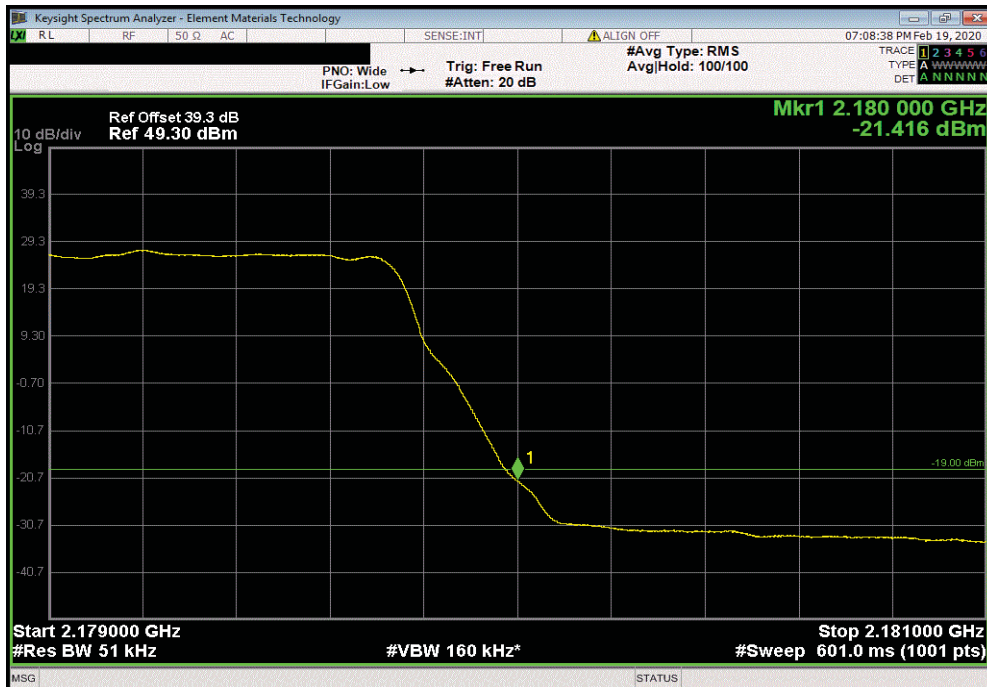


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 64-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.72 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 64-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -21.416 | -19 | Pass |

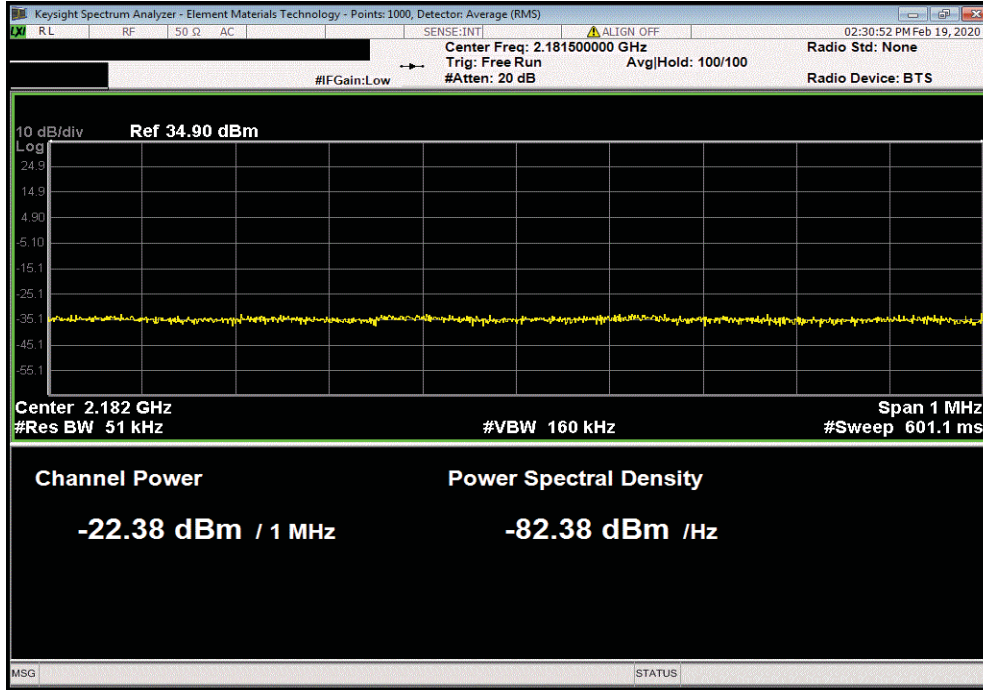


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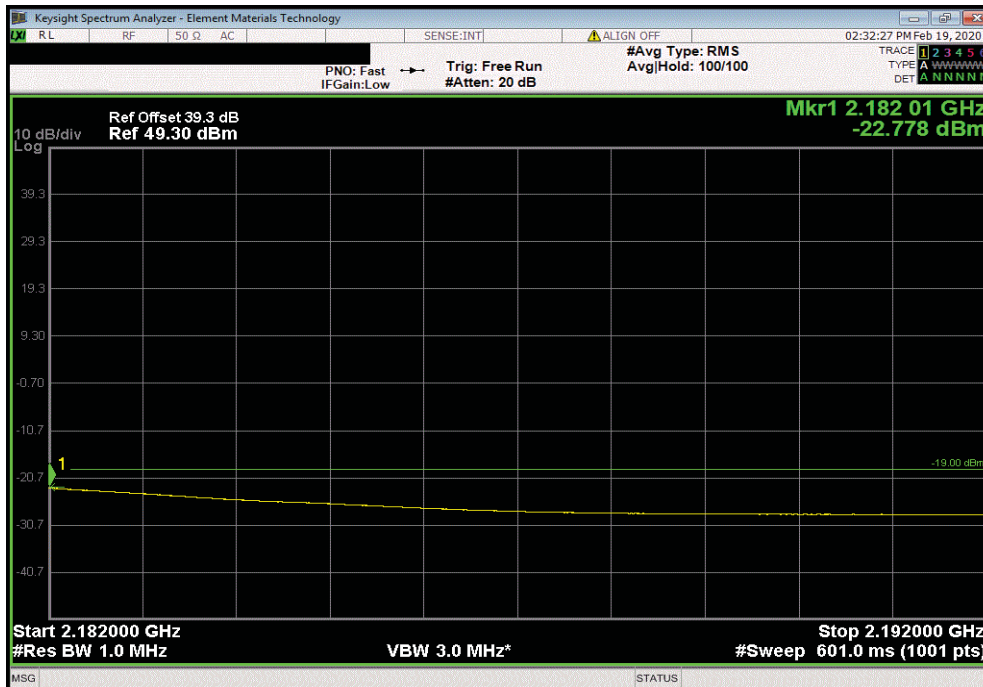


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth, 64-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.38 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth, 64-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.778 | -19 | Pass |

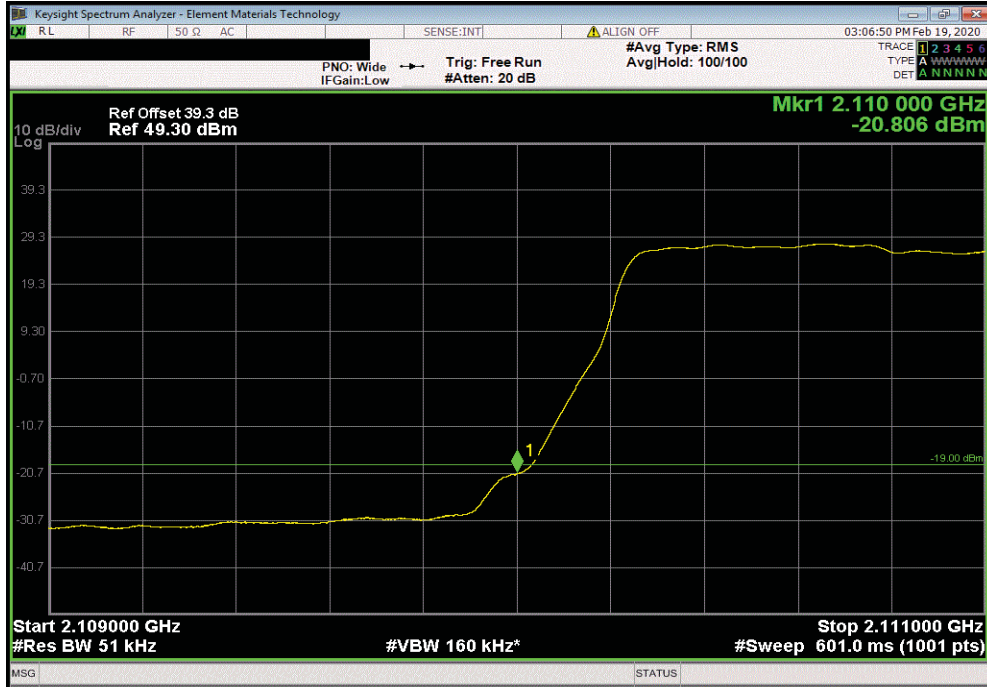


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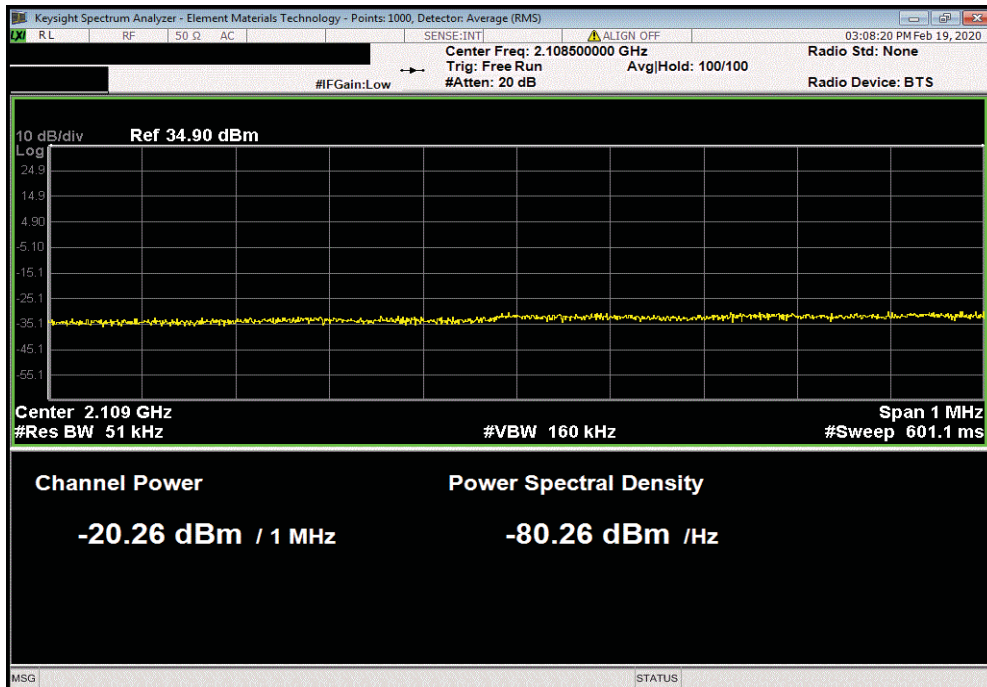


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 256-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.806 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 256-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.26 | -19 | Pass |

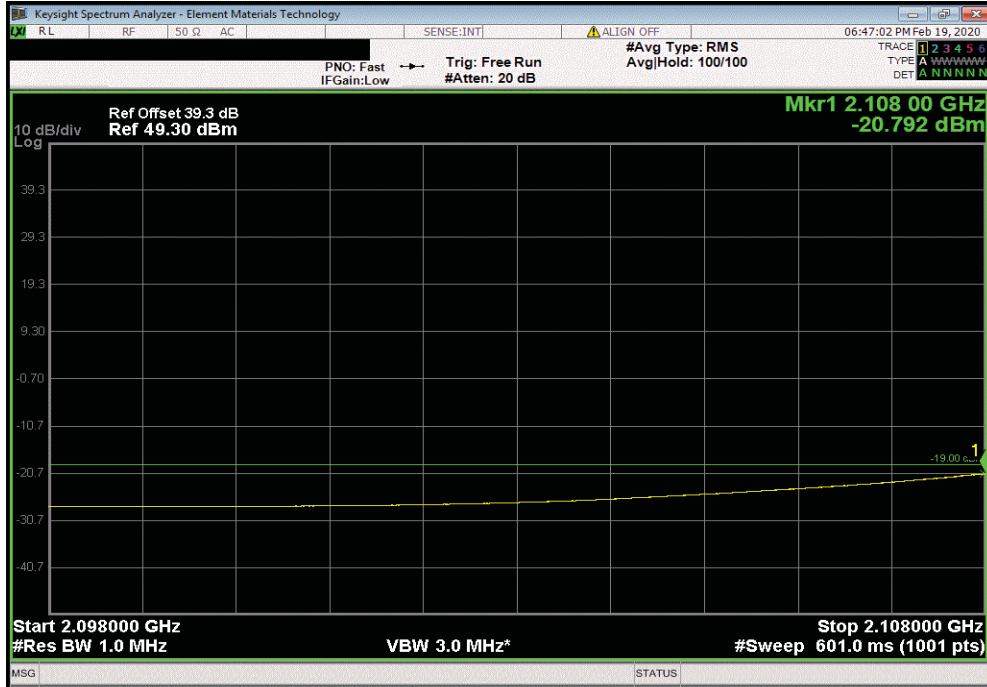


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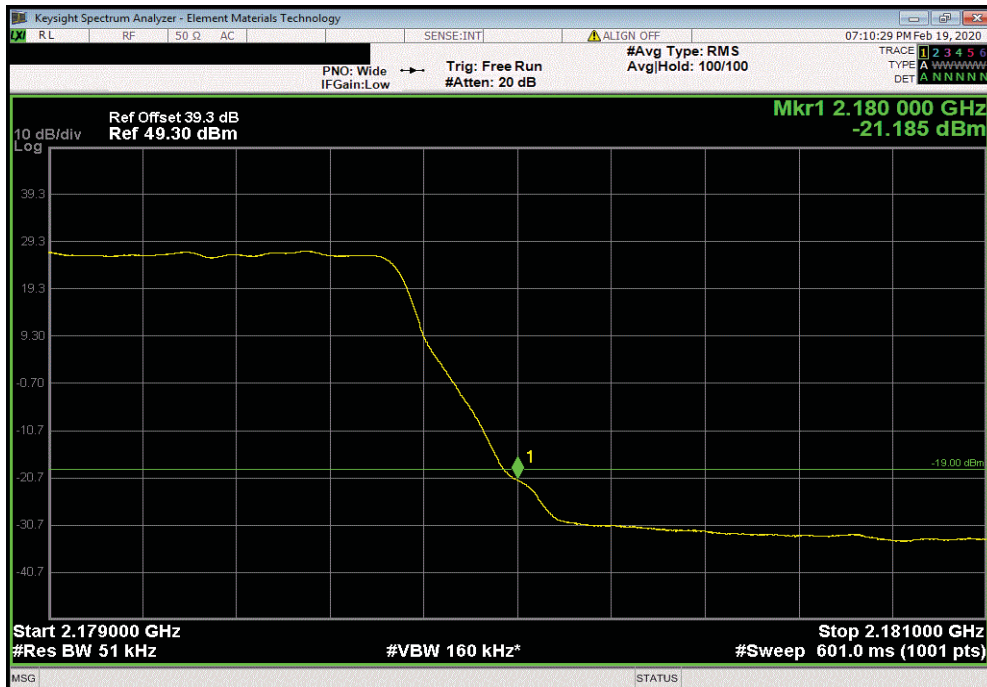


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 256-QAM Modulation, Low Channel 2112.5 MHz, Frequency Range 3 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -20.792 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 256-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 1 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -21.185 | -19 | Pass |

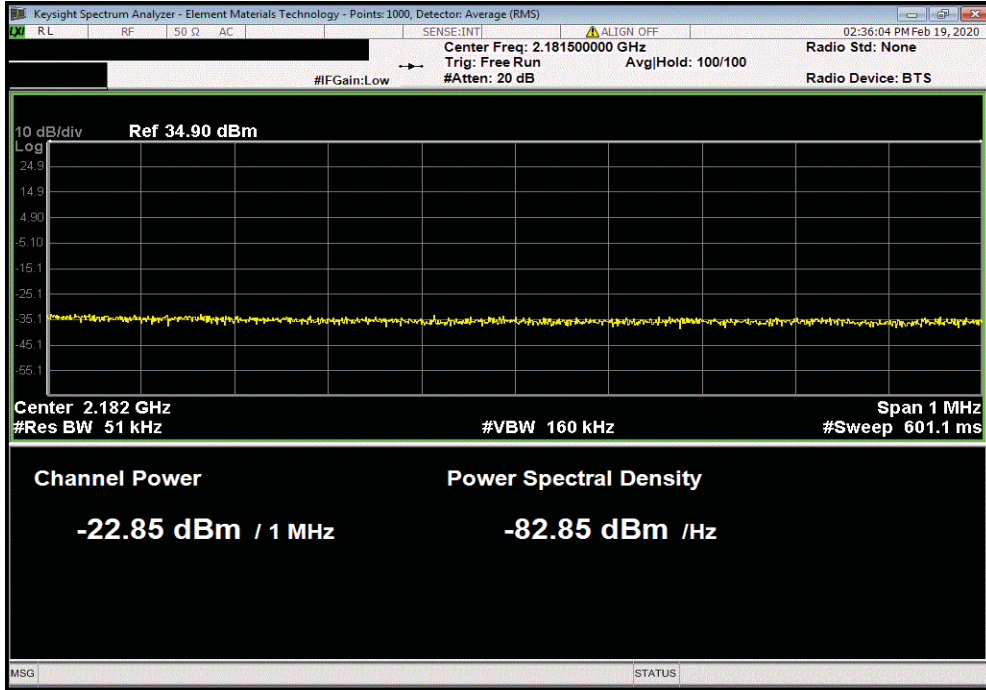


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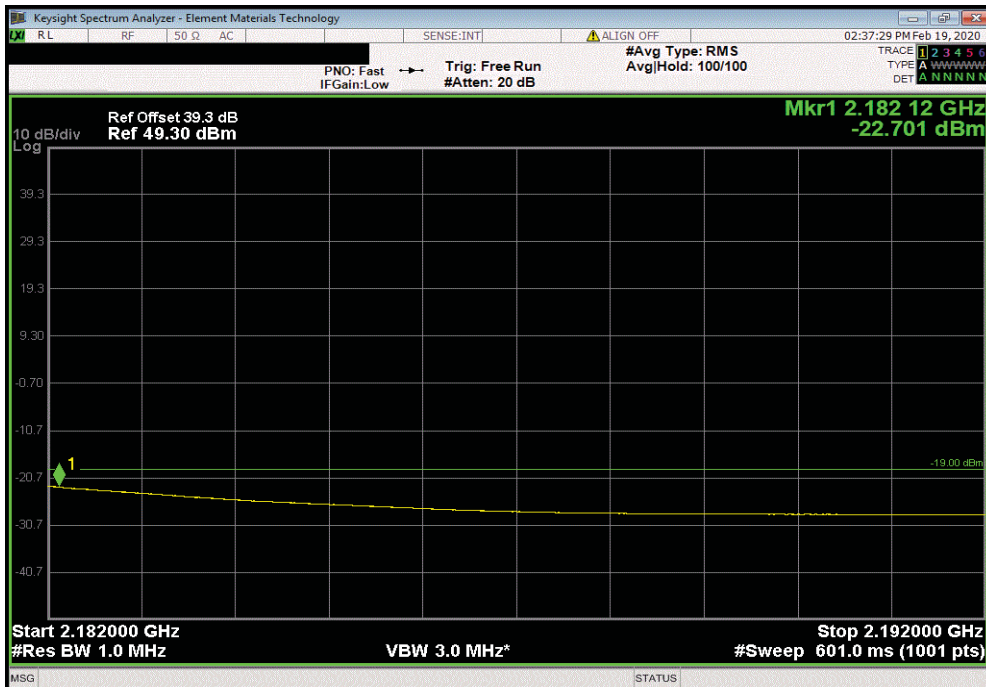


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 256-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.85 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 5 MHz Bandwidth , 256-QAM Modulation, High Channel 2177.5 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -22.701 | -19 | Pass |

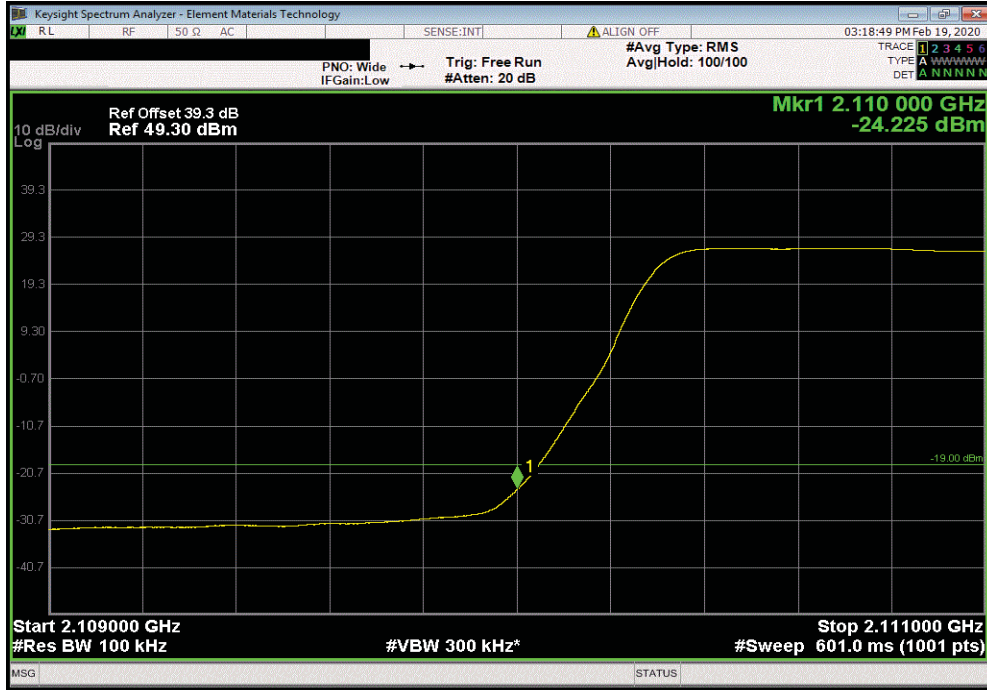


BAND EDGE COMPLIANCE BAND 66a

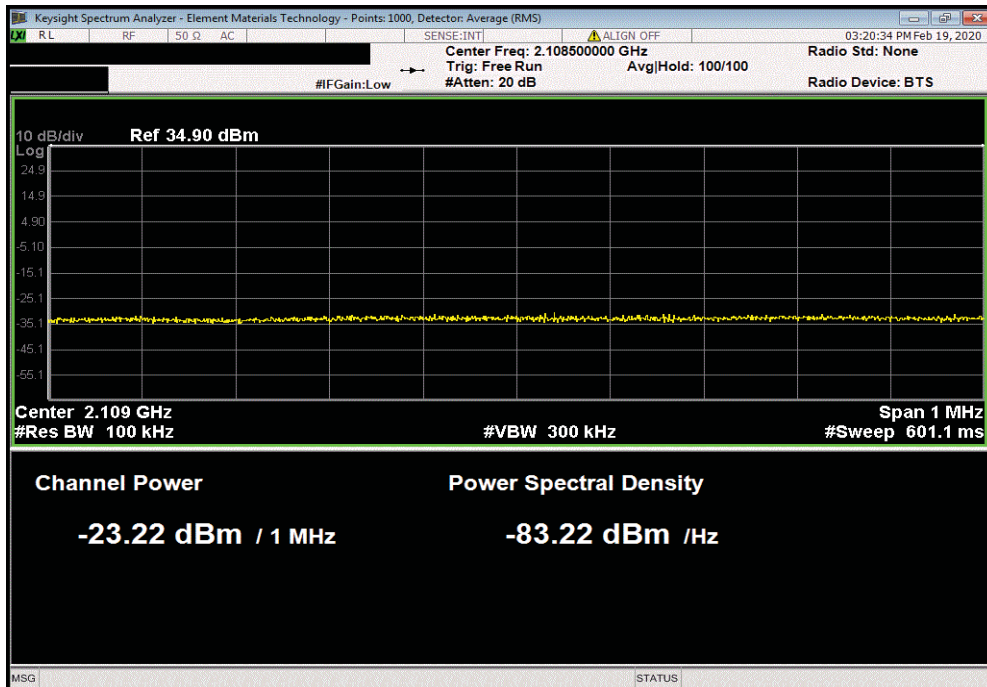


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , QPSK Modulation, Low Channel 2115 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -24.225 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , QPSK Modulation, Low Channel 2115 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -32.22 | -19 | Pass |

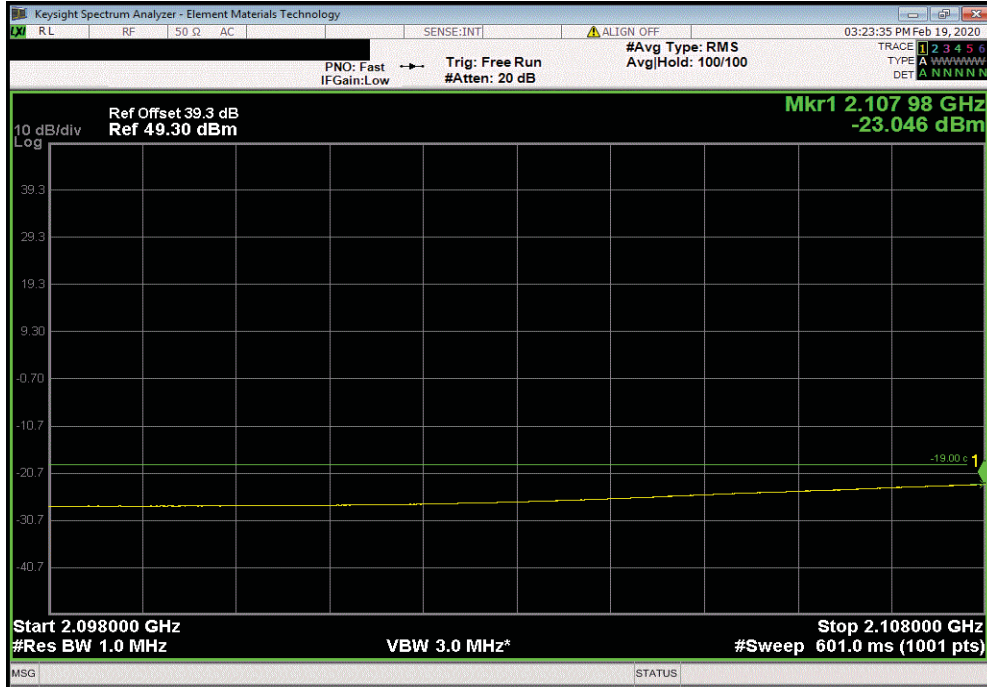


BAND EDGE COMPLIANCE BAND 66a



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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , QPSK Modulation, Low Channel 2115 MHz, Frequency Range 3 | | | | | | |
|--|--|--|-------------|-------------|--------|--|
| | | | Value (dBm) | Limit (dBm) | Result | |
| | | | -23.046 | -19 | Pass | |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , QPSK Modulation, High Channel 2175 MHz, Frequency Range 1 | | | | | | |
|---|--|--|-------------|-------------|--------|--|
| | | | Value (dBm) | Limit (dBm) | Result | |
| | | | -25.612 | -19 | Pass | |

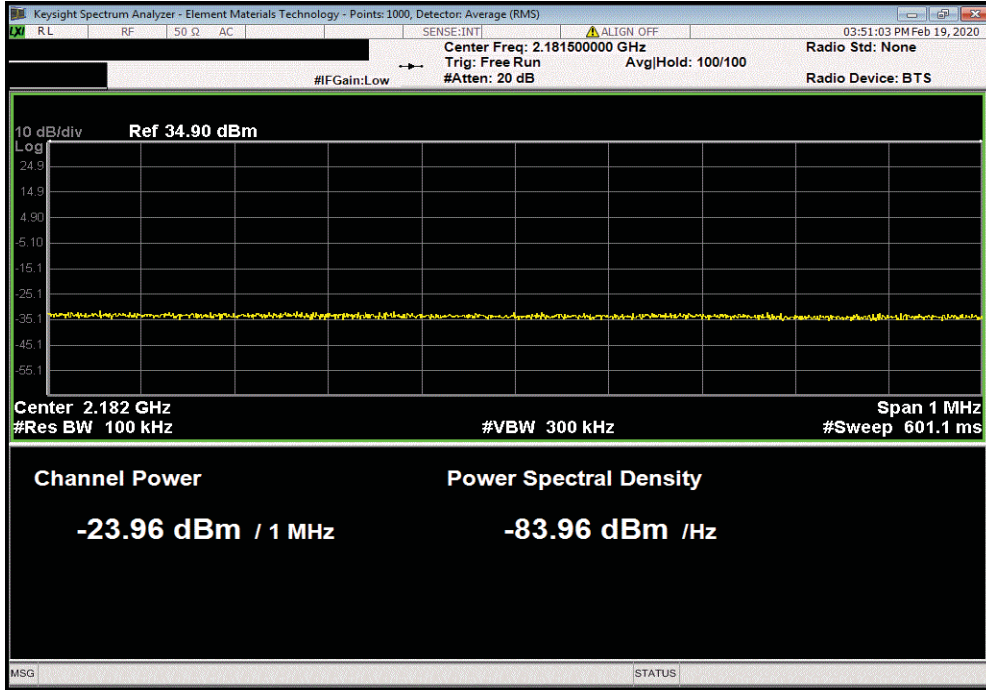


BAND EDGE COMPLIANCE BAND 66a

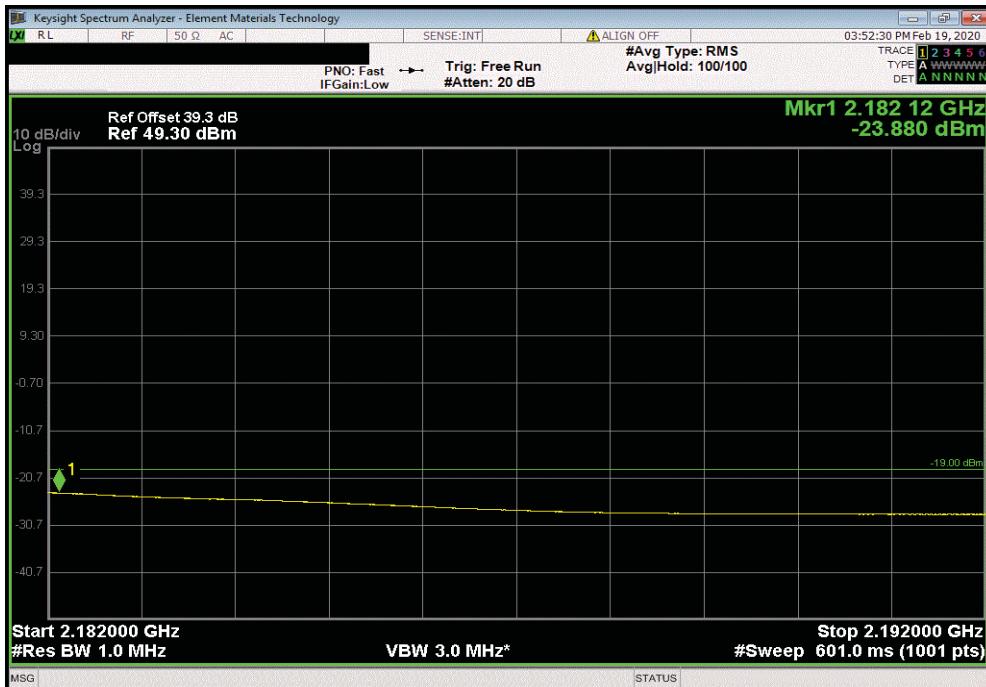


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth, QPSK Modulation, High Channel 2175 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.96 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth, QPSK Modulation, High Channel 2175 MHz, Frequency Range 3 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.88 | -19 | Pass |

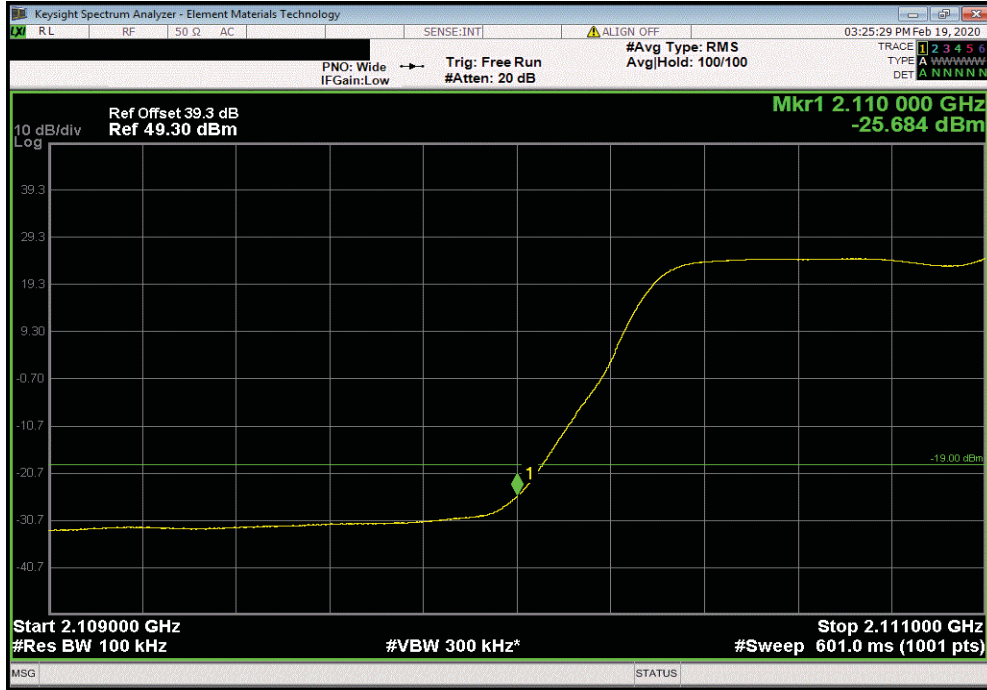


BAND EDGE COMPLIANCE BAND 66a

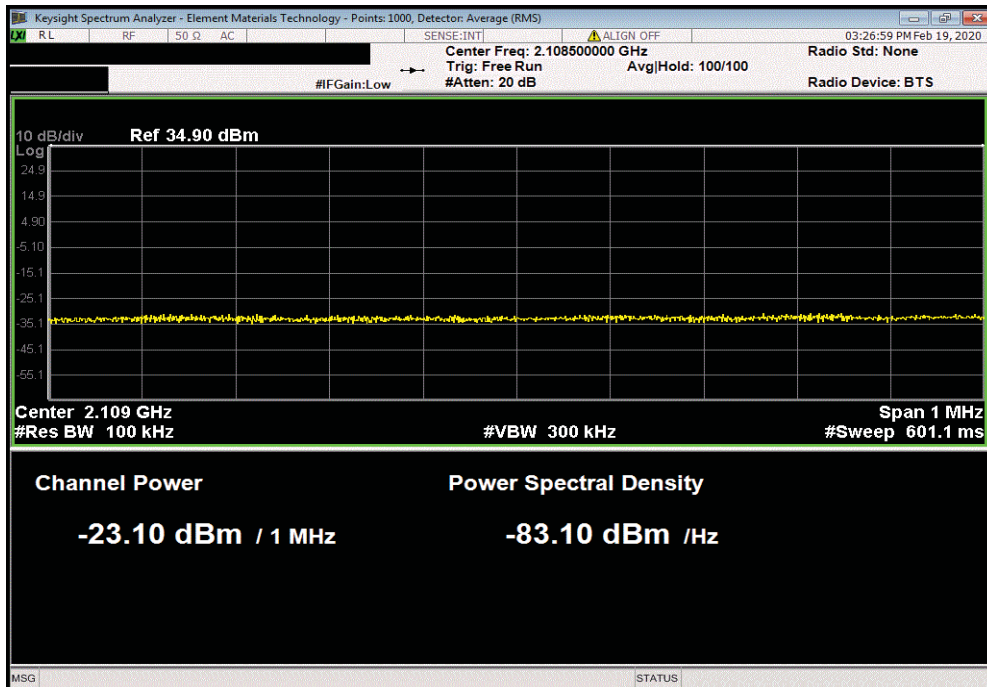


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 16-QAM Modulation, Low Channel 2115 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|-------------|-------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -25.684 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 16-QAM Modulation, Low Channel 2115 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|-------------|-------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.1 | -19 | Pass |

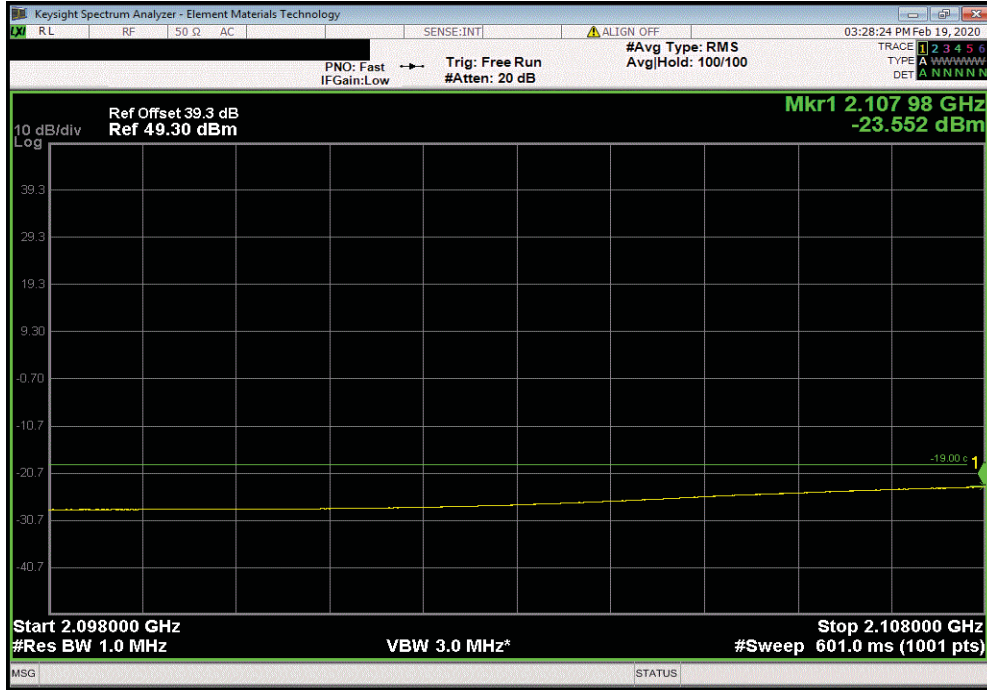


BAND EDGE COMPLIANCE BAND 66a

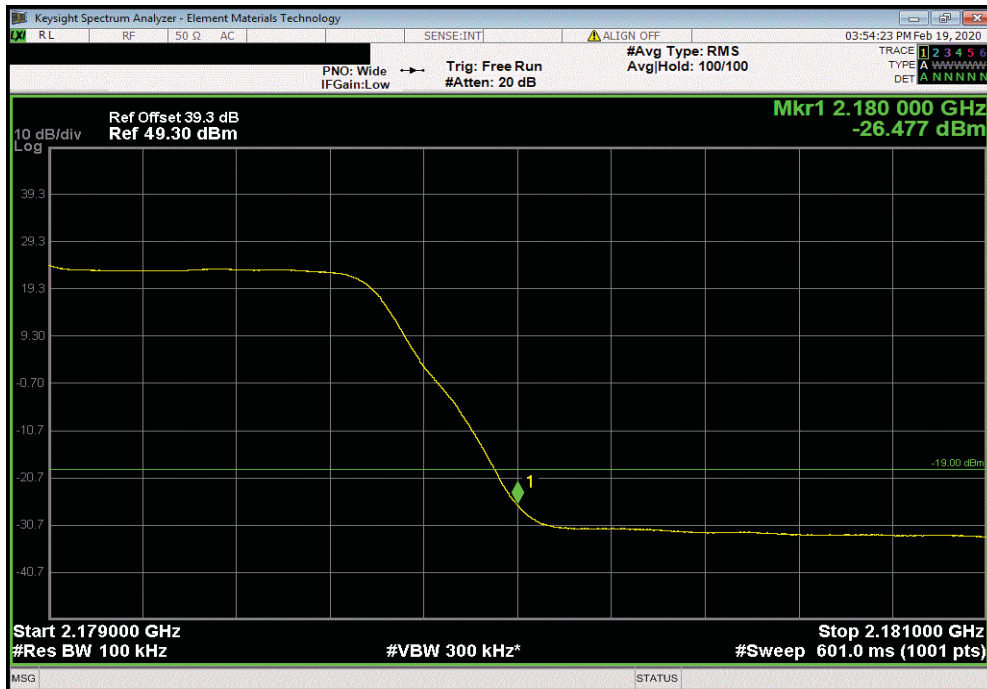


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 16-QAM Modulation, Low Channel 2115 MHz, Frequency Range 3 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.552 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 16-QAM Modulation, High Channel 2175 MHz, Frequency Range 1 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -26.477 | -19 | Pass |

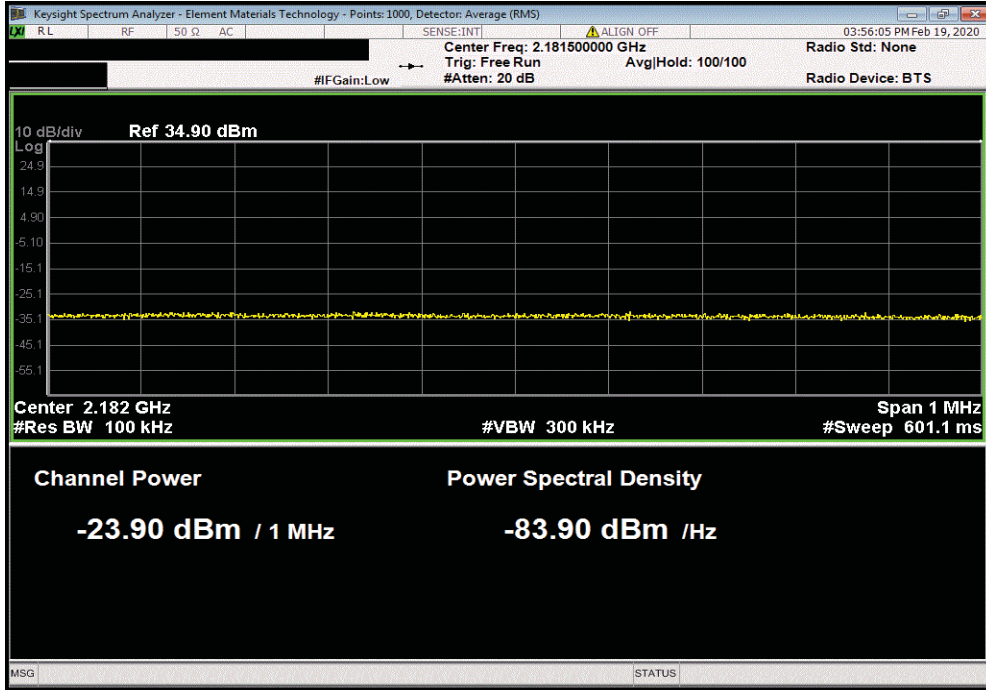


BAND EDGE COMPLIANCE BAND 66a

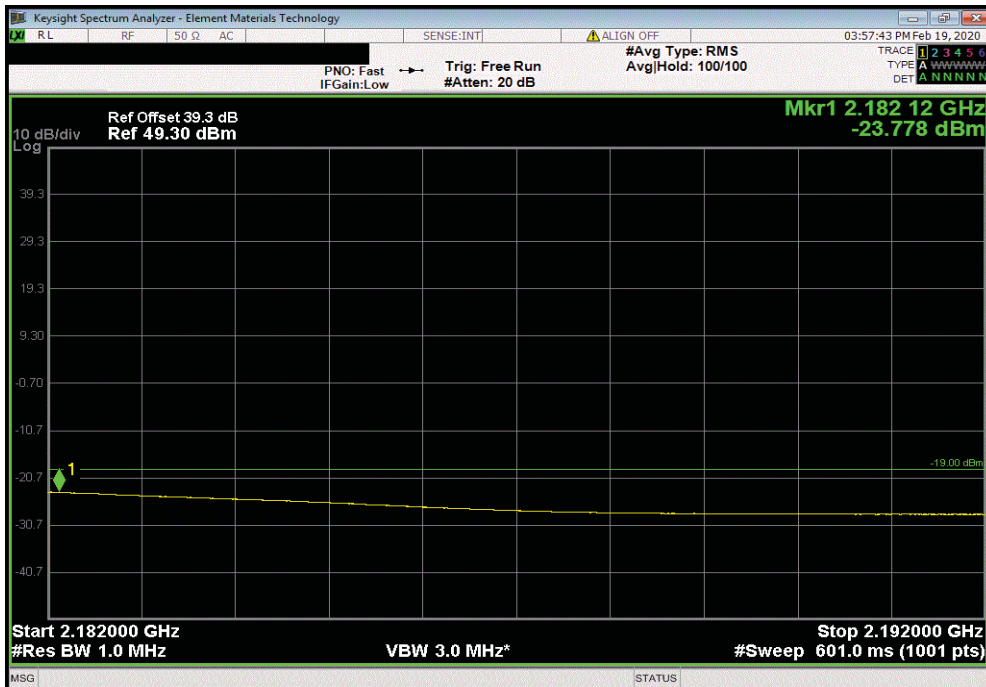


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth, 16-QAM Modulation, High Channel 2175 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.9 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth, 16-QAM Modulation, High Channel 2175 MHz, Frequency Range 3 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.778 | -19 | Pass |

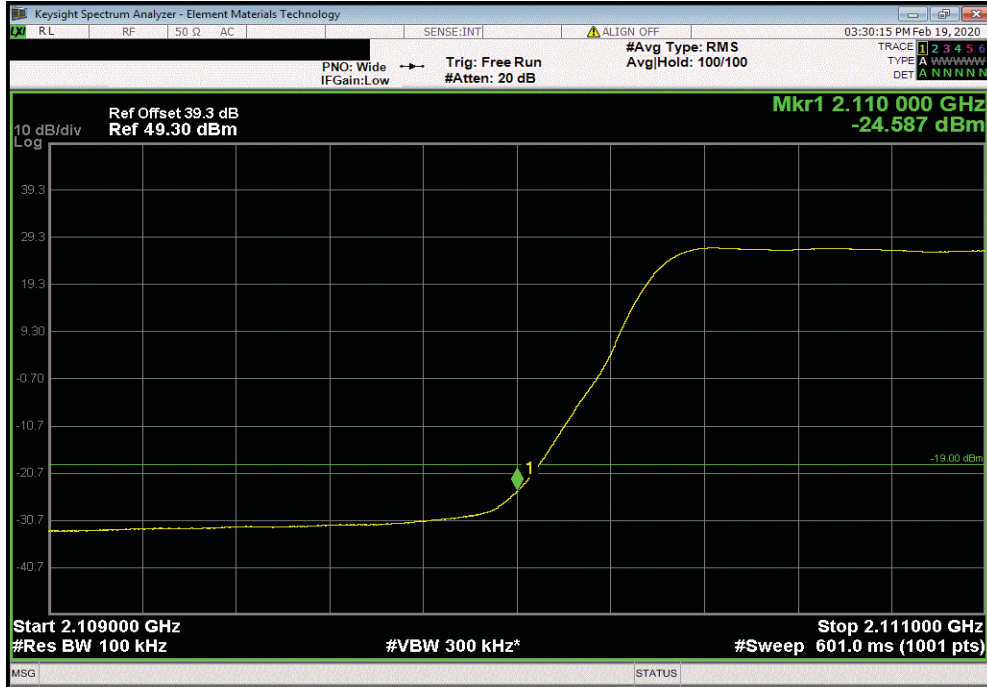


BAND EDGE COMPLIANCE BAND 66a

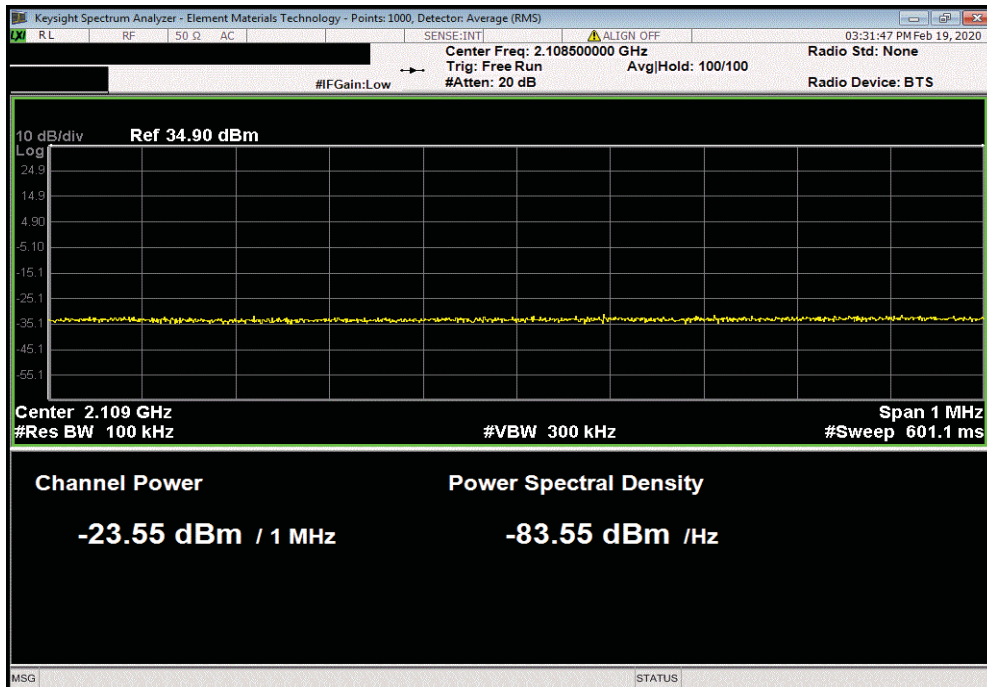


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 64-QAM Modulation, Low Channel 2115 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -24.587 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 64-QAM Modulation, Low Channel 2115 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.55 | -19 | Pass |



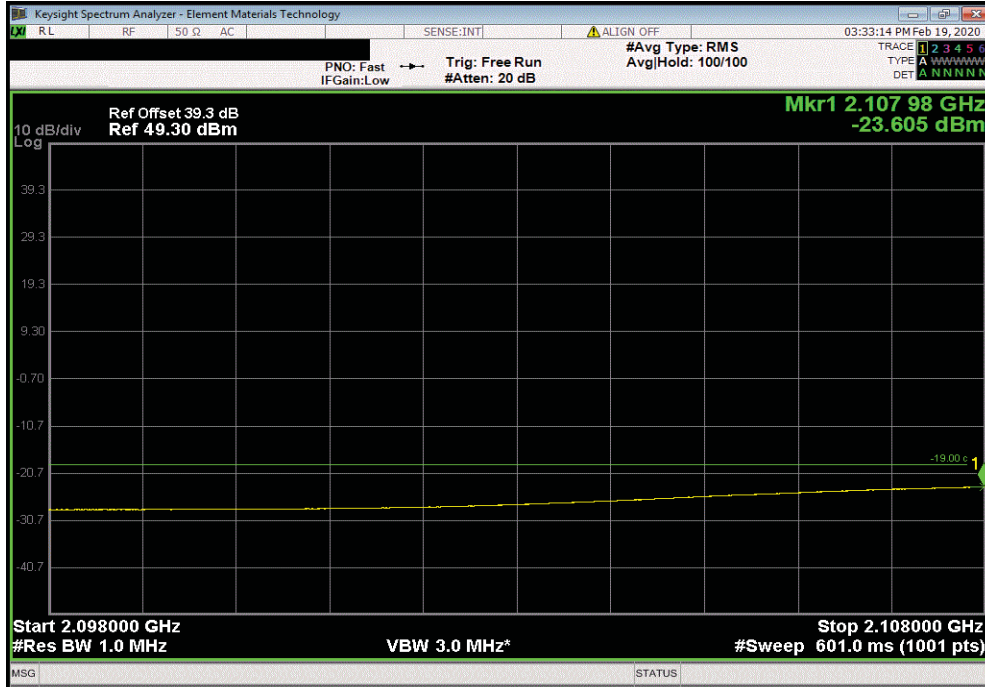
BAND EDGE COMPLIANCE BAND 66a



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5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth, 64-QAM Modulation, Low Channel 2115 MHz, Frequency Range 3

| | Value (dBm) | Limit (dBm) | Result |
|--|-------------|-------------|--------|
| | -23.605 | -19 | Pass |



5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth, 64-QAM Modulation, High Channel 2175 MHz, Frequency Range 1

| | Value (dBm) | Limit (dBm) | Result |
|--|-------------|-------------|--------|
| | -25.574 | -19 | Pass |

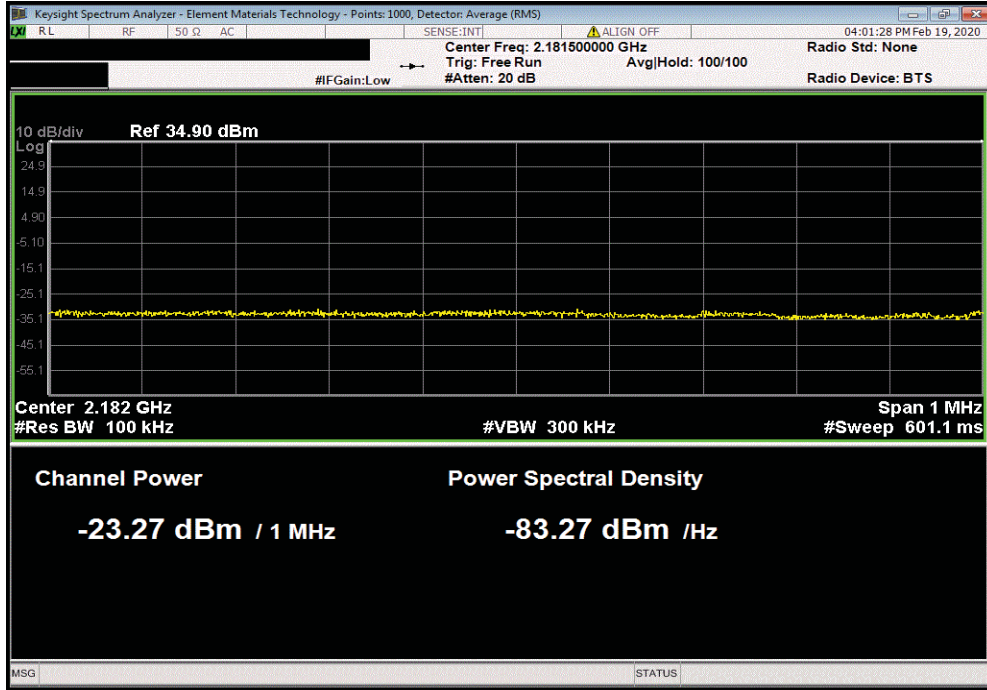


BAND EDGE COMPLIANCE BAND 66a

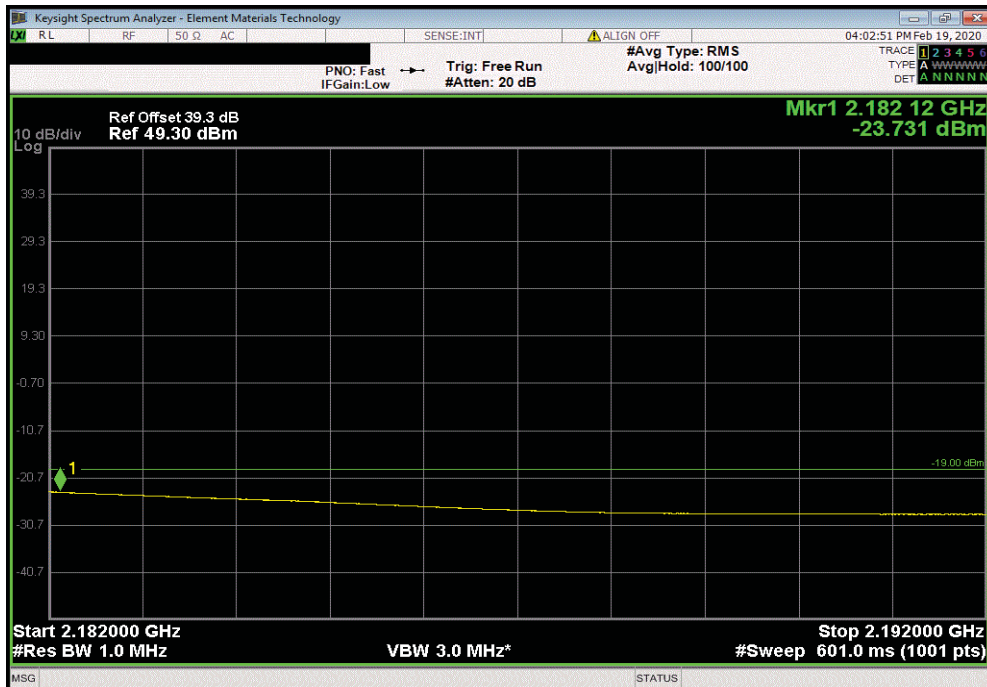


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 64-QAM Modulation, High Channel 2175 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.27 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 64-QAM Modulation, High Channel 2175 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.731 | -19 | Pass |

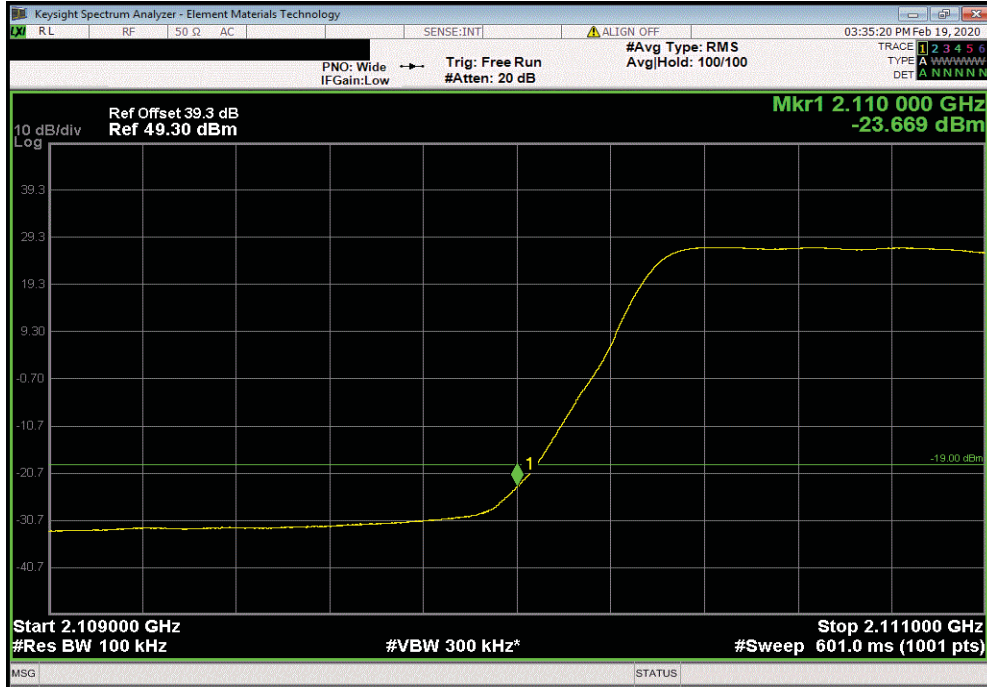


BAND EDGE COMPLIANCE BAND 66a

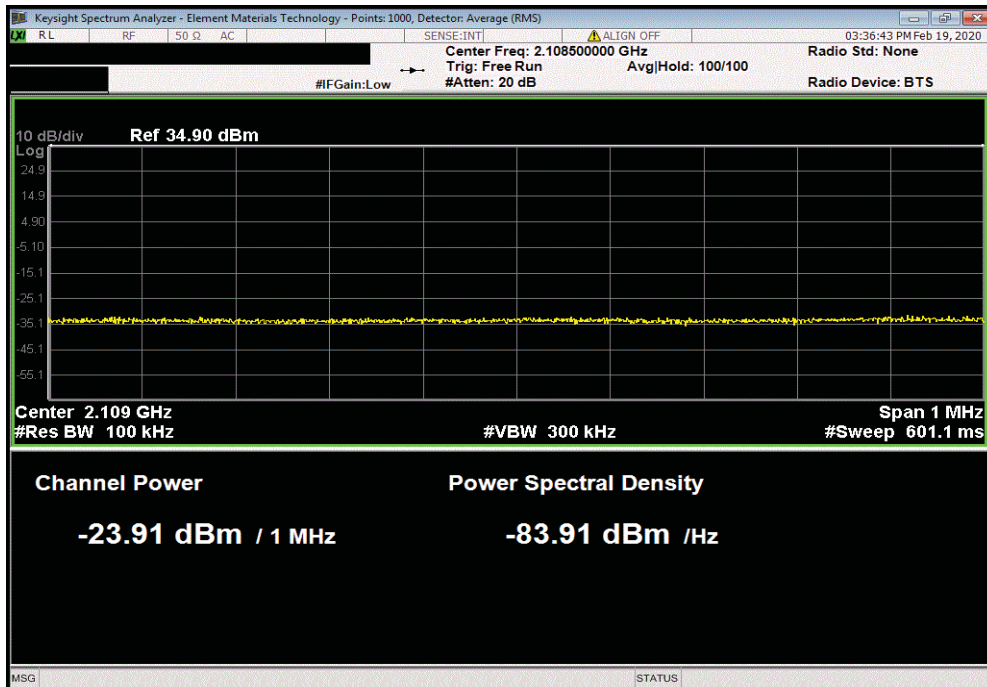


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 256-QAM Modulation, Low Channel 2115 MHz, Frequency Range 1 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.669 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 256-QAM Modulation, Low Channel 2115 MHz, Frequency Range 2 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.91 | -19 | Pass |

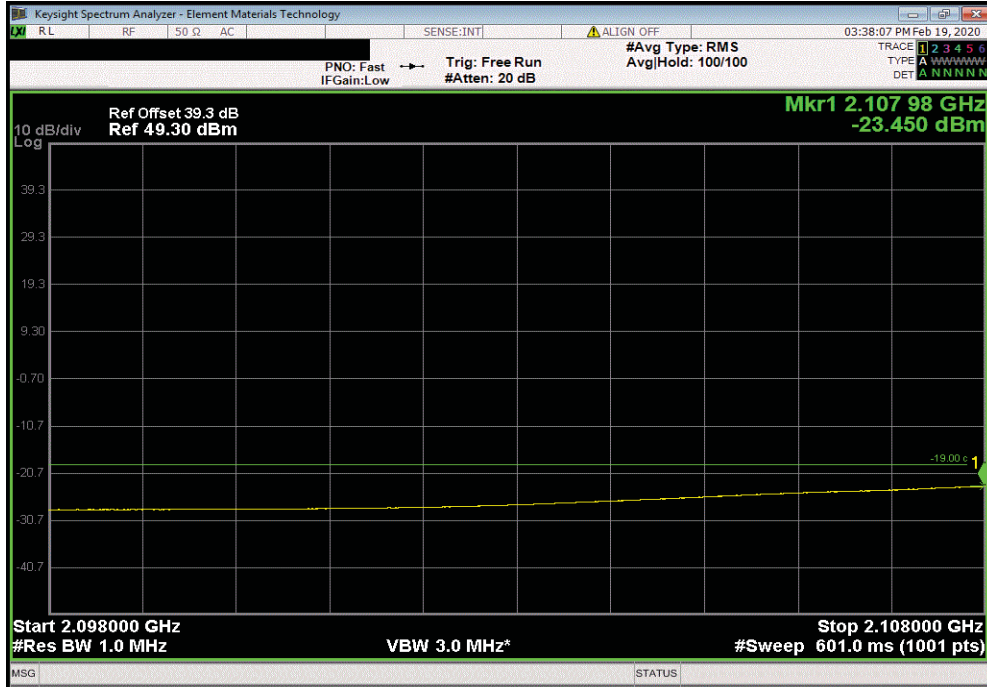


BAND EDGE COMPLIANCE BAND 66a

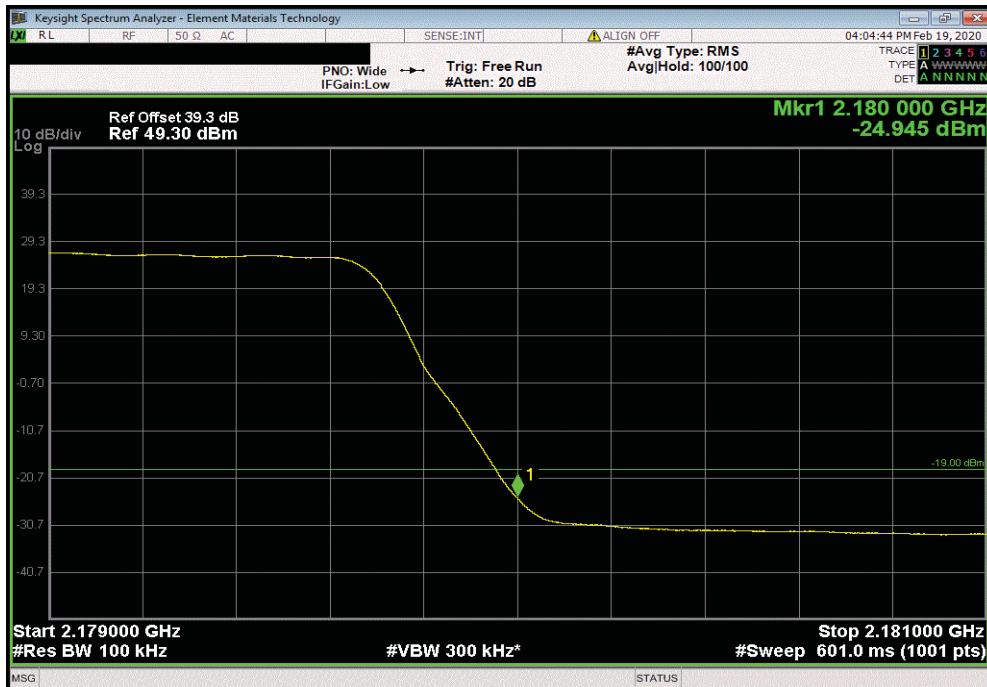


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 256-QAM Modulation, Low Channel 2115 MHz, Frequency Range 3 | | | | | | |
|---|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.45 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 256-QAM Modulation, High Channel 2175 MHz, Frequency Range 1 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -24.945 | -19 | Pass |

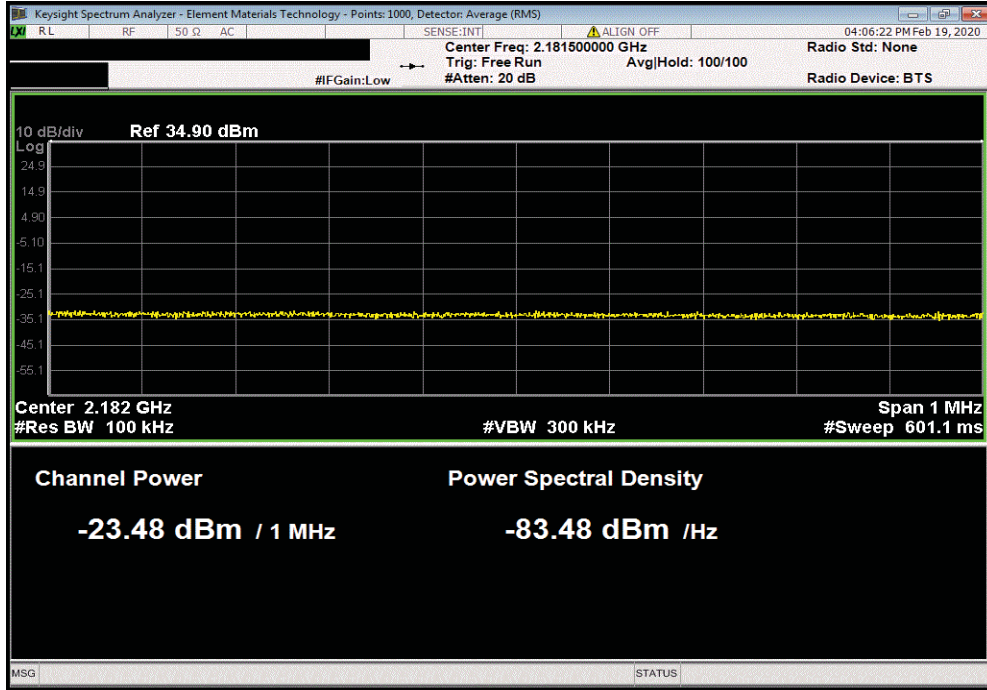


BAND EDGE COMPLIANCE BAND 66a

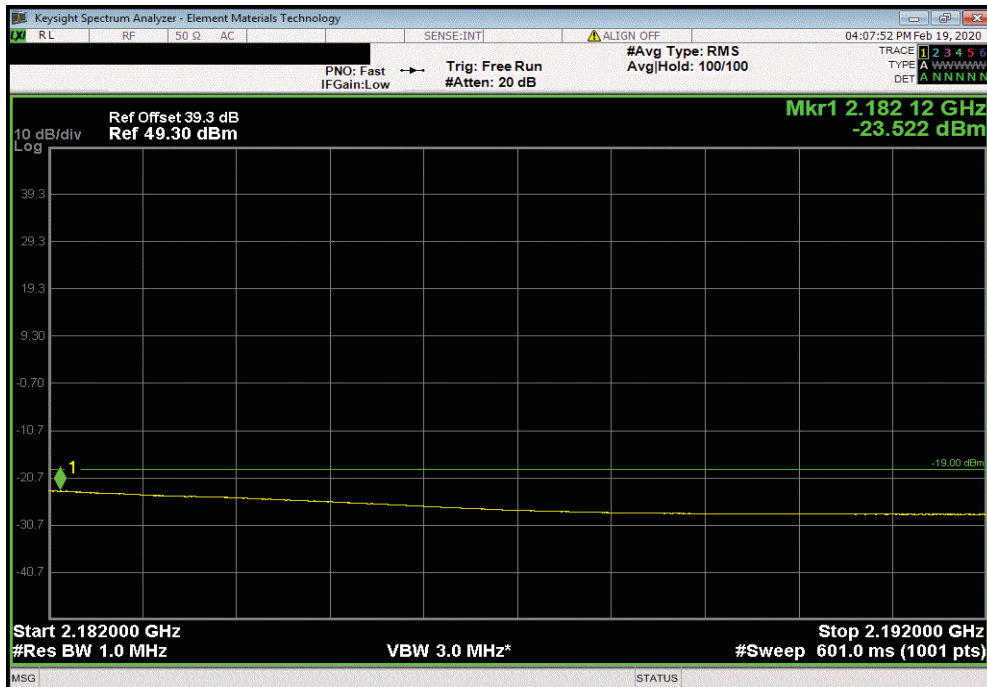


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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 256-QAM Modulation, High Channel 2175 MHz, Frequency Range 2 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.48 | -19 | Pass |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 10 MHz Bandwidth , 256-QAM Modulation, High Channel 2175 MHz, Frequency Range 3 | | | | | | |
|--|--|--|--|----------------|----------------|--------|
| | | | | Value (dBm) | Limit (dBm) | Result |
| | | | | -23.522 | -19 | Pass |

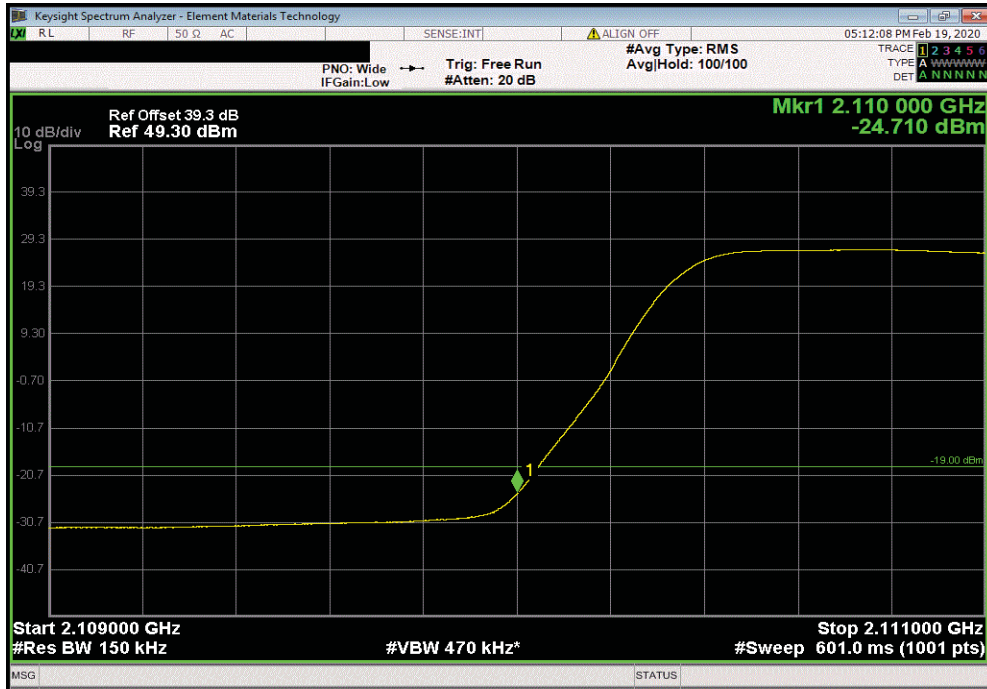


BAND EDGE COMPLIANCE BAND 66a



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| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 15 MHz Bandwidth, QPSK Modulation, Low Channel 2117.5 MHz, Frequency Range 1 | | | | | | |
|---|--|--|-------------|-------------|--------|--|
| | | | Value (dBm) | Limit (dBm) | Result | |
| | | | -24.71 | -19 | Pass | |



| 5G Band 66a, 2110 MHz - 2180 MHz, (Single Carrier) Port 4, 15 MHz Bandwidth, QPSK Modulation, Low Channel 2117.5 MHz, Frequency Range 2 | | | | | | |
|---|--|--|-------------|-------------|--------|--|
| | | | Value (dBm) | Limit (dBm) | Result | |
| | | | -24.04 | -19 | Pass | |

