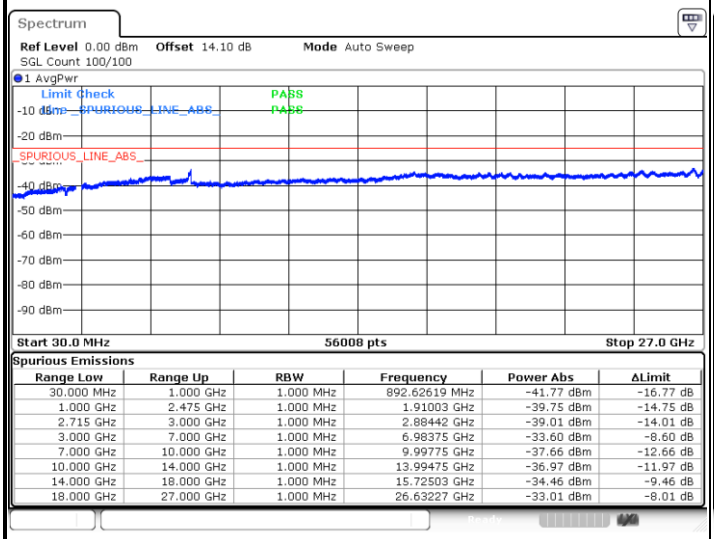
## LTE Band 41 / 15MHz

### Lowest Channel / 64QAM

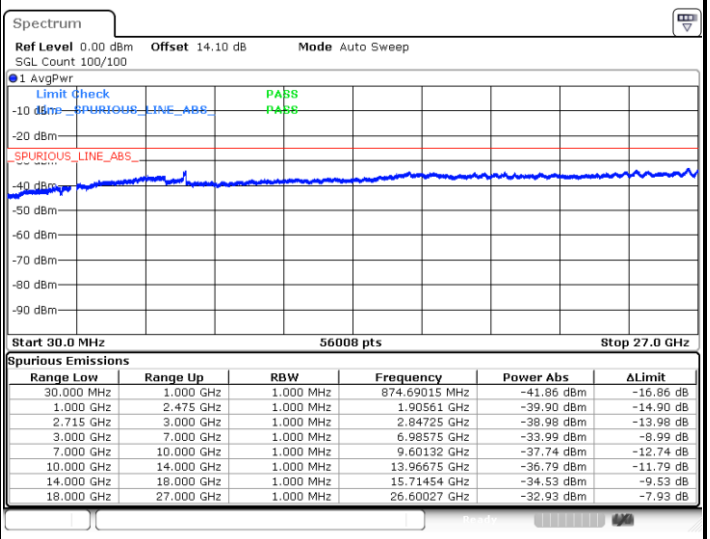



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 892.62619 MHz | -41.77 dBm | -16.77 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 1.91003 GHz | -39.75 dBm | -14.75 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.88442 GHz | -39.01 dBm | -14.01 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98375 GHz | -33.60 dBm | -8.60 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.99775 GHz | -37.66 dBm | -12.66 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.99475 GHz | -36.97 dBm | -11.97 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.72503 GHz | -34.46 dBm | -9.46 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 26.63227 GHz | -33.01 dBm | -8.01 dB |

Date: 26.DEC.2019 23:44:28

### Middle Channel / 64QAM

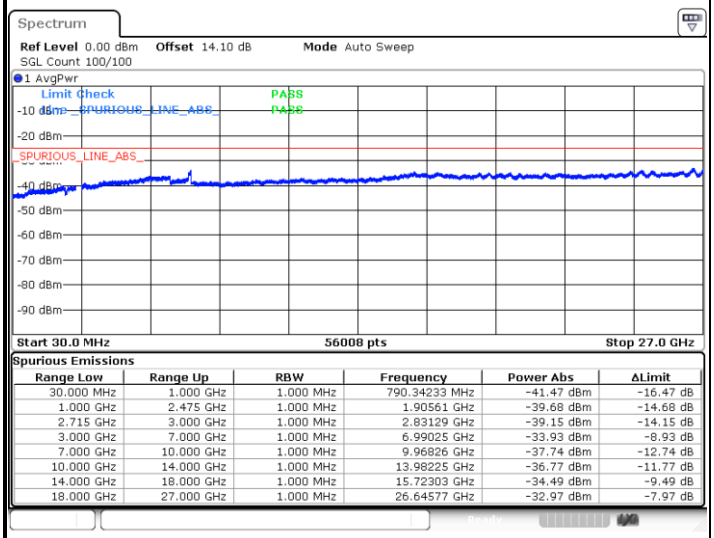



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 874.69015 MHz | -41.86 dBm | -16.86 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 1.90561 GHz | -39.90 dBm | -14.90 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.84725 GHz | -38.98 dBm | -13.98 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98575 GHz | -33.99 dBm | -8.99 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.60132 GHz | -37.74 dBm | -12.74 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.96675 GHz | -36.79 dBm | -11.79 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.71454 GHz | -34.53 dBm | -9.53 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 26.60027 GHz | -32.93 dBm | -7.93 dB |

Date: 26.DEC.2019 23:45:31

### Highest Channel / 64QAM



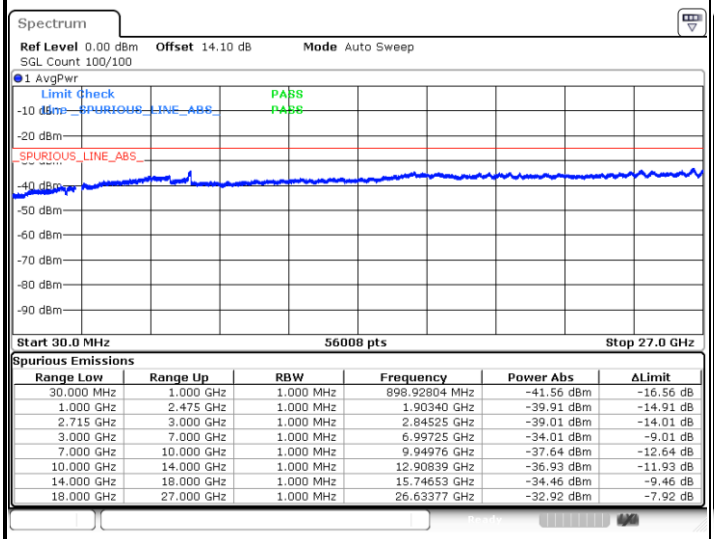

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 790.34233 MHz | -41.47 dBm | -16.47 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 1.90561 GHz | -39.68 dBm | -14.68 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.83129 GHz | -39.15 dBm | -14.15 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99025 GHz | -33.93 dBm | -8.93 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.96826 GHz | -37.74 dBm | -12.74 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.98225 GHz | -36.77 dBm | -11.77 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.72303 GHz | -34.49 dBm | -9.49 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 26.64577 GHz | -32.97 dBm | -7.97 dB |

Date: 26.DEC.2019 23:46:34

## LTE Band 41 / 20MHz

### Lowest Channel / 64QAM

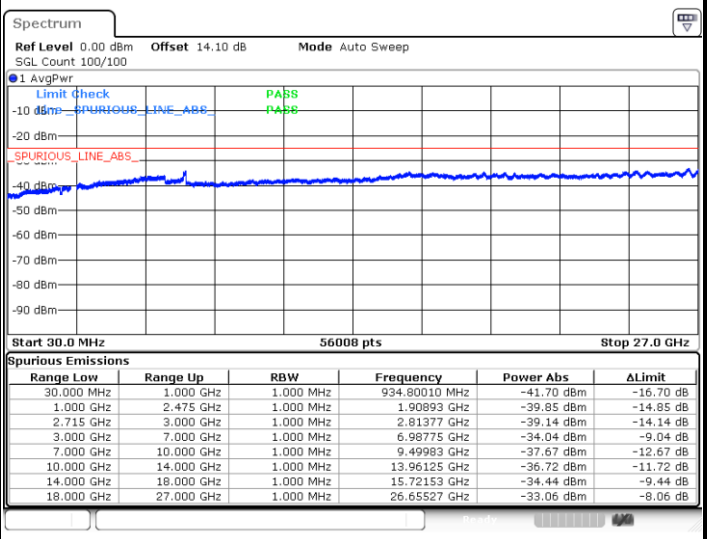



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 898.92804 MHz | -41.56 dBm | -16.56 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 1.90340 GHz | -39.91 dBm | -14.91 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.84525 GHz | -39.01 dBm | -14.01 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99725 GHz | -34.01 dBm | -9.01 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.94976 GHz | -37.64 dBm | -12.64 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.90839 GHz | -36.93 dBm | -11.93 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.74653 GHz | -34.46 dBm | -9.46 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 26.63377 GHz | -32.92 dBm | -7.92 dB |

Date: 26.DEC.2019 23:54:37

### Middle Channel / 64QAM

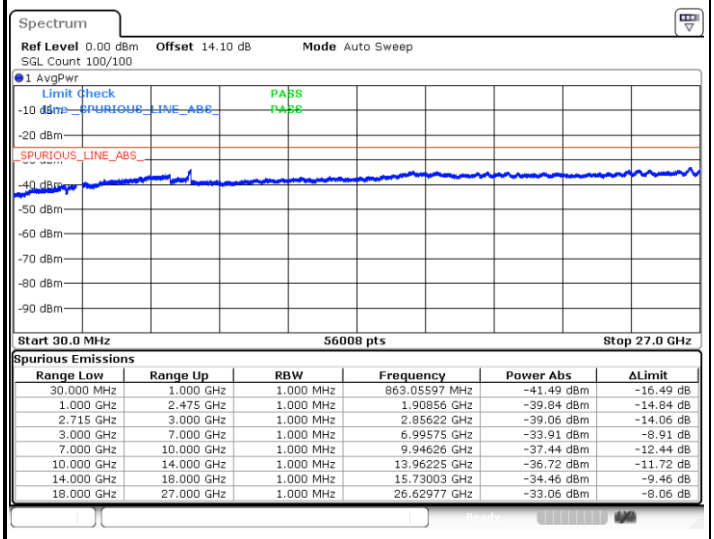



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 934.80010 MHz | -41.70 dBm | -16.70 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 1.90893 GHz | -39.85 dBm | -14.85 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.81377 GHz | -39.14 dBm | -14.14 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98775 GHz | -34.04 dBm | -9.04 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.49983 GHz | -37.67 dBm | -12.67 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.96125 GHz | -36.72 dBm | -11.72 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.72153 GHz | -34.44 dBm | -9.44 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 26.65527 GHz | -33.06 dBm | -8.06 dB |

Date: 26.DEC.2019 23:55:52

### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 863.05597 MHz | -41.49 dBm | -16.49 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 1.90856 GHz | -39.84 dBm | -14.84 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.85622 GHz | -39.06 dBm | -14.06 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99575 GHz | -33.91 dBm | -8.91 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.94626 GHz | -37.44 dBm | -12.44 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.96225 GHz | -36.72 dBm | -11.72 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.73003 GHz | -34.46 dBm | -9.46 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 26.62977 GHz | -33.06 dBm | -8.06 dB |

Date: 27.DEC.2019 00:03:45

# Frequency Stability

| Test Conditions | | LTE Band 41 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0051 | PASS |
| 40 | Normal Voltage | 0.0023 | |
| 30 | Normal Voltage | 0.0006 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0014 | |
| 0 | Normal Voltage | 0.0003 | |
| -10 | Normal Voltage | 0.0019 | |
| -20 | Normal Voltage | 0.0024 | |
| -30 | Normal Voltage | 0.0032 | |
| 20 | Maximum Voltage | 0.0034 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0048 | |

**Note:**

**1.** Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.35 V.

**2.** The frequency fundamental emissions stay within the authorized frequency block.

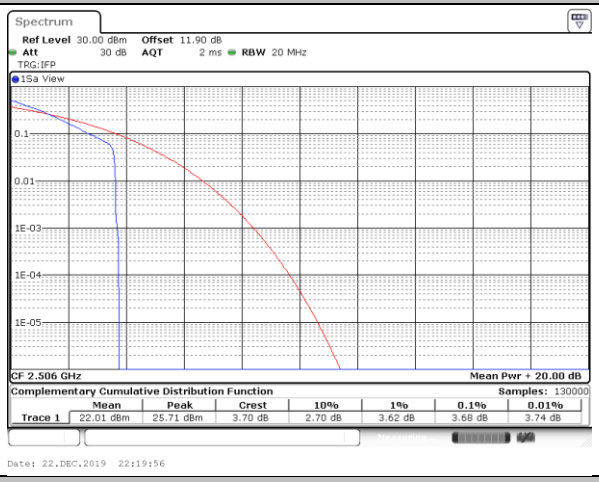
# LTE Band 41_HPUE

## Peak-to-Average Ratio

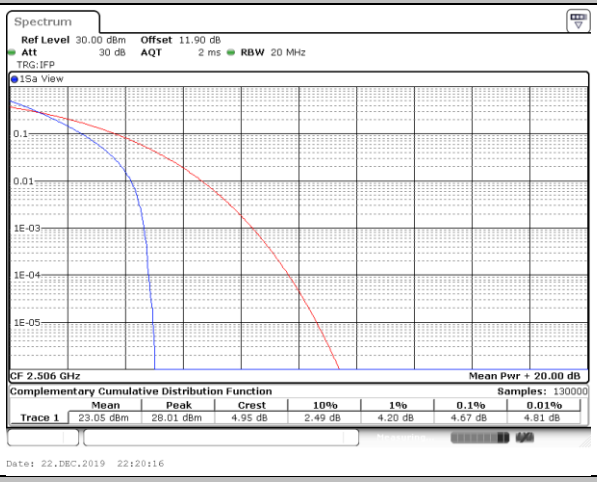
| Mode | LTE Band 41 / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.68 | 4.67 | 4.32 | 5.68 | PASS |
| Middle CH | 3.80 | 4.52 | 4.55 | 5.59 | |
| Highest CH | 3.68 | 4.49 | 4.61 | 5.59 | |
| Mode | LTE Band 41 / 20MHz | | | | |
| Mod. | 64QAM | | | | Limit: 13dB |
| RB Size | 1RB | Full RB | | | Result |
| Lowest CH | 6.17 | 6.41 | - | - | PASS |
| Middle CH | 6.81 | 6.55 | - | - | |
| Highest CH | 6.29 | 6.49 | - | - | |

## LTE Band 41 / 20MHz / QPSK

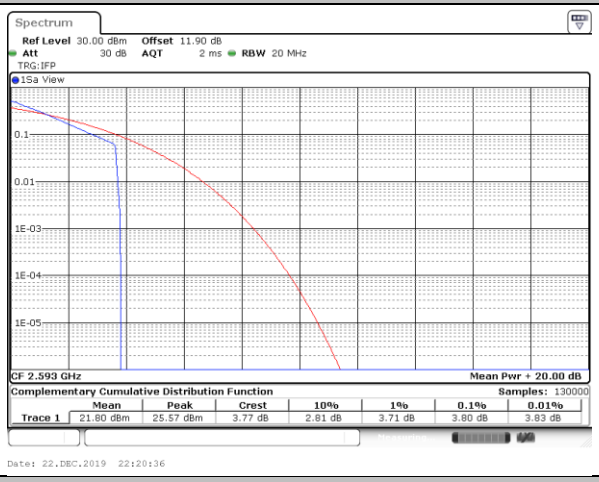
### Lowest Channel / 1RB



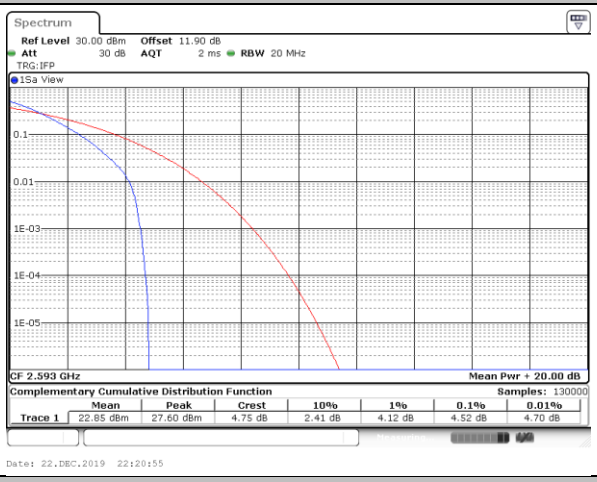

### Lowest Channel / Full RB



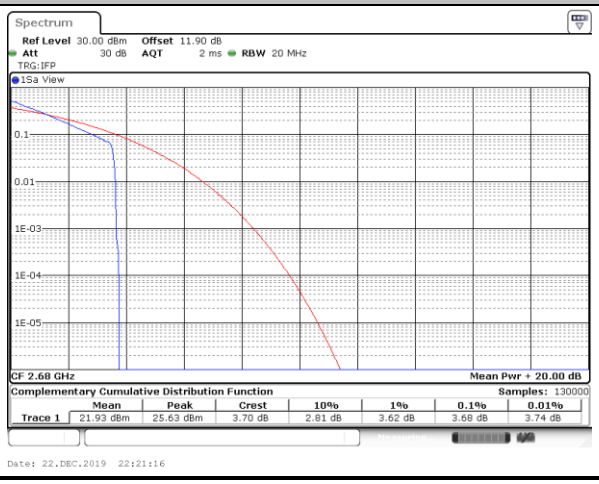

### Middle Channel / 1RB



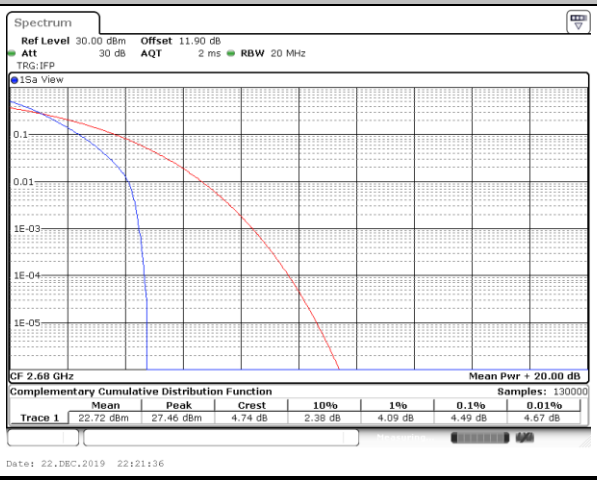

### Middle Channel / Full RB




### Highest Channel / 1RB

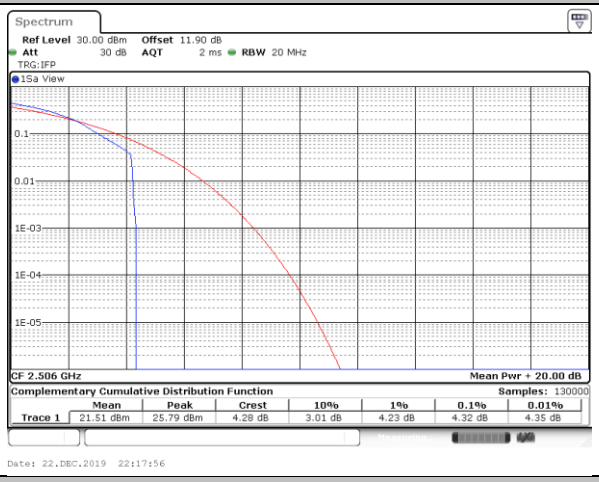



### Highest Channel / Full RB

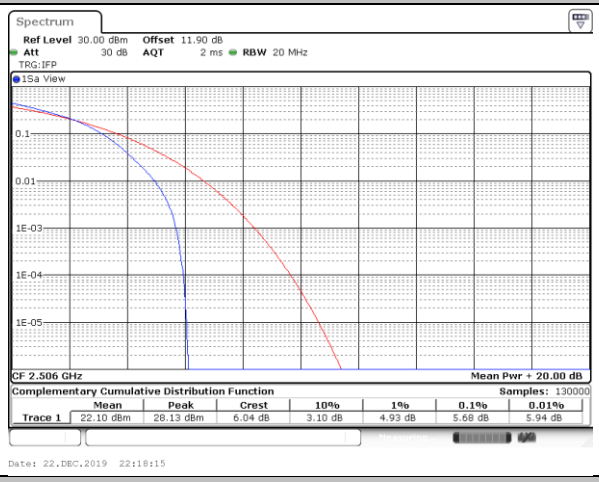


## LTE Band 41 / 20MHz / 16QAM

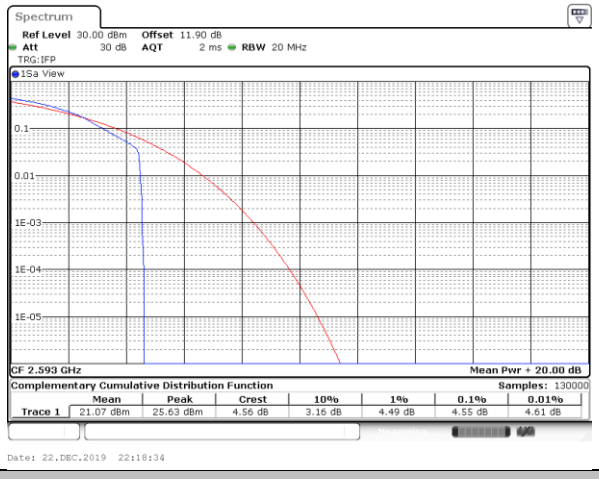
### Lowest Channel / 1RB



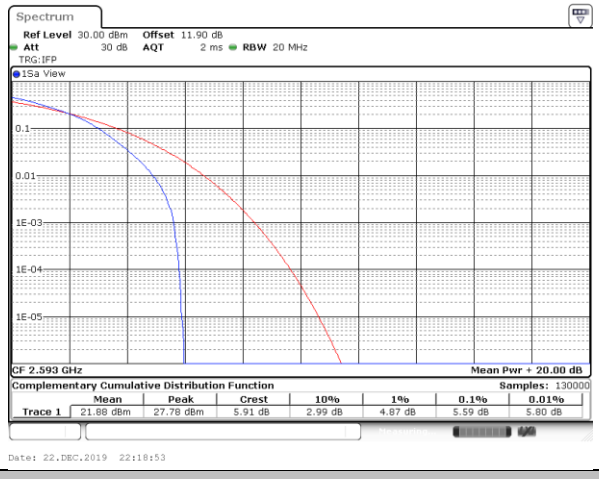

### Lowest Channel / Full RB



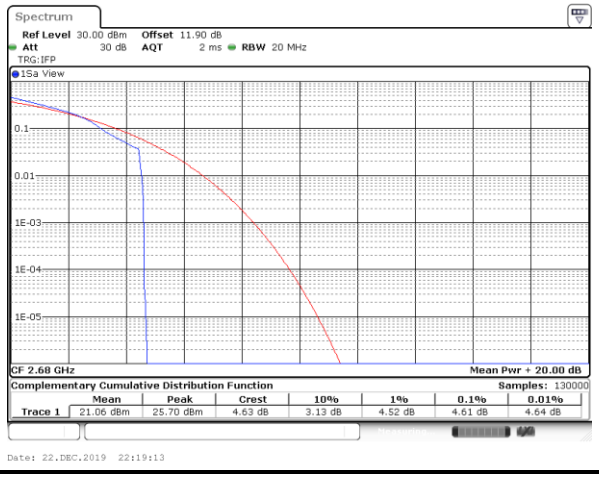

### Middle Channel / 1RB



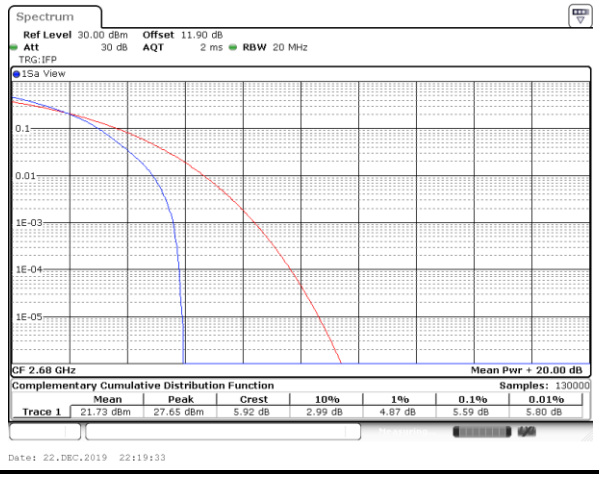

### Middle Channel / Full RB




### Highest Channel / 1RB

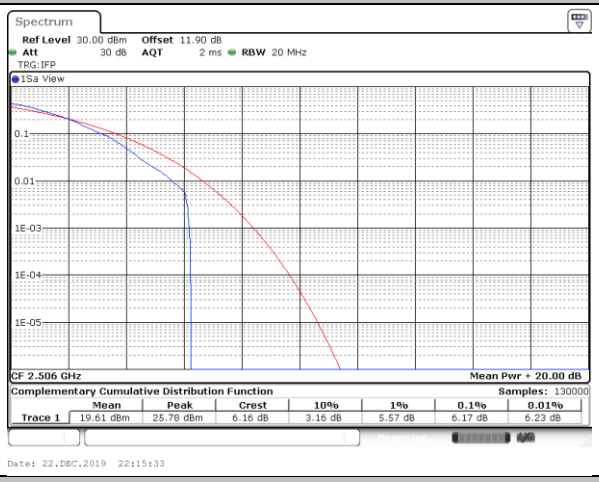



### Highest Channel / Full RB

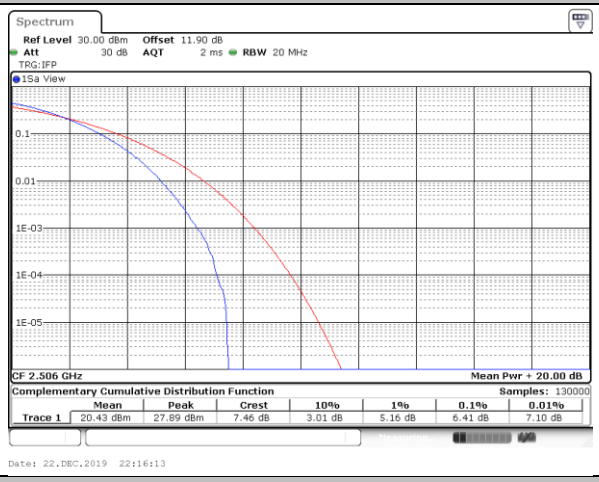


## LTE Band 41 / 20MHz / 64QAM

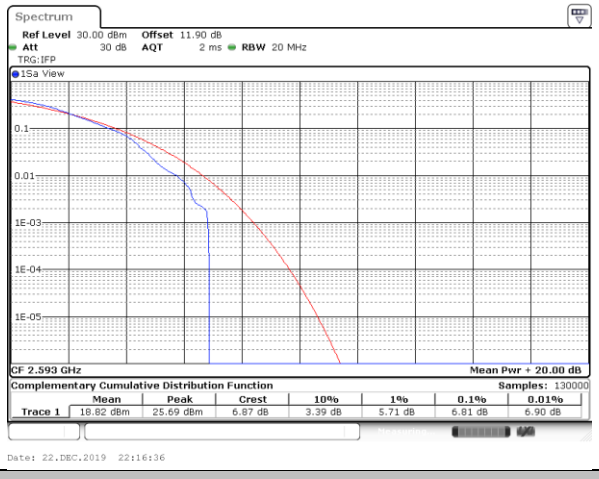
### Lowest Channel / 1RB



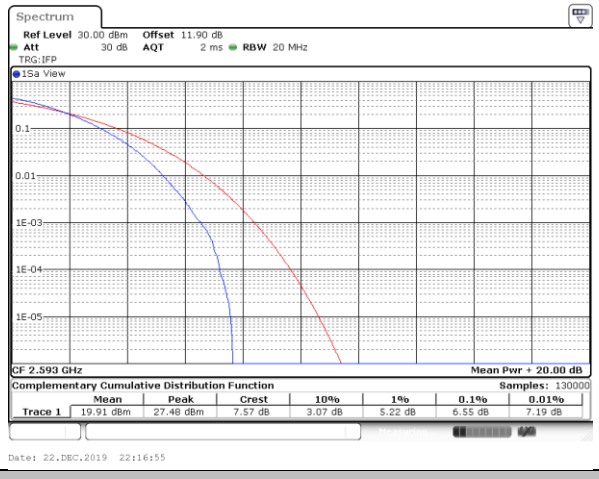

### Lowest Channel / Full RB



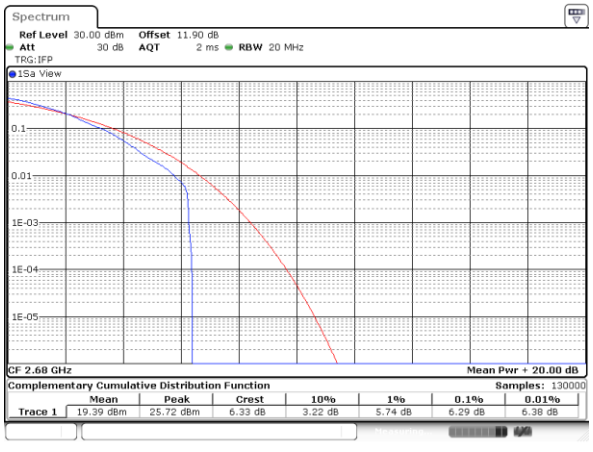

### Middle Channel / 1RB



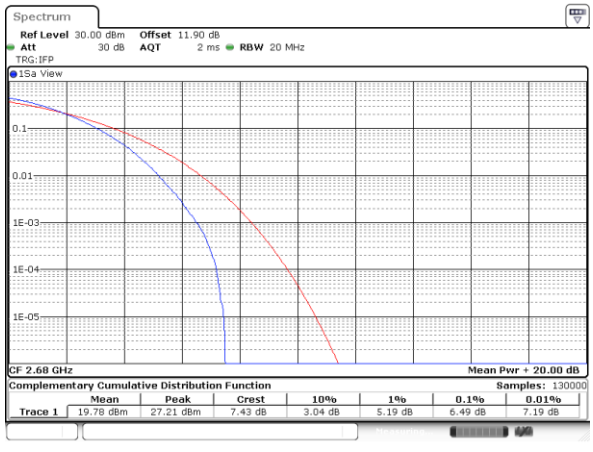

### Middle Channel / Full RB




### Highest Channel / 1RB




### Highest Channel / Full RB

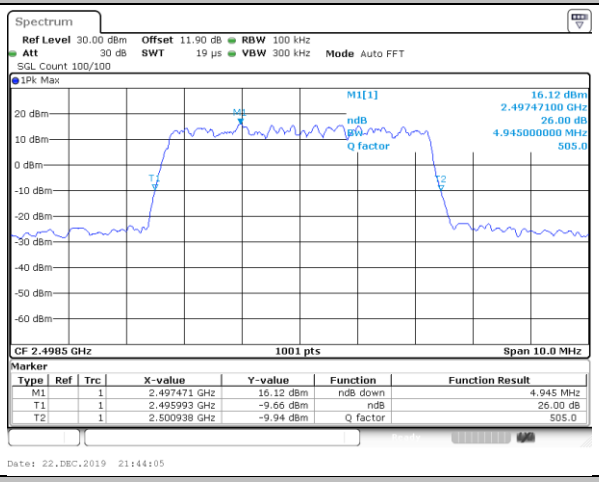


# 26dB Bandwidth

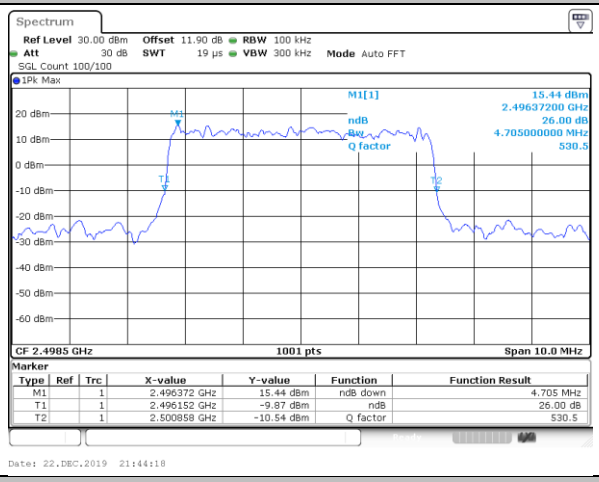
| Mode | LTE Band 41 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.95 | 4.71 | 9.71 | 9.75 | 14.36 | 14.39 | 18.66 | 19.02 |
| Middle CH | - | - | - | - | 4.88 | 4.88 | 9.65 | 9.75 | 14.33 | 14.21 | 18.66 | 18.90 |
| Highest CH | - | - | - | - | 4.92 | 4.85 | 9.89 | 9.71 | 14.27 | 14.33 | 19.26 | 18.62 |
| Mode | LTE Band 41 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | - | - | - | - | 4.84 | - | 9.63 | - | 14.12 | - | 18.70 | - |
| Middle CH | - | - | - | - | 4.89 | - | 9.77 | - | 14.33 | - | 18.78 | - |
| Highest CH | - | - | - | - | 4.84 | - | 9.71 | - | 14.27 | - | 19.18 | - |

## LTE Band 41

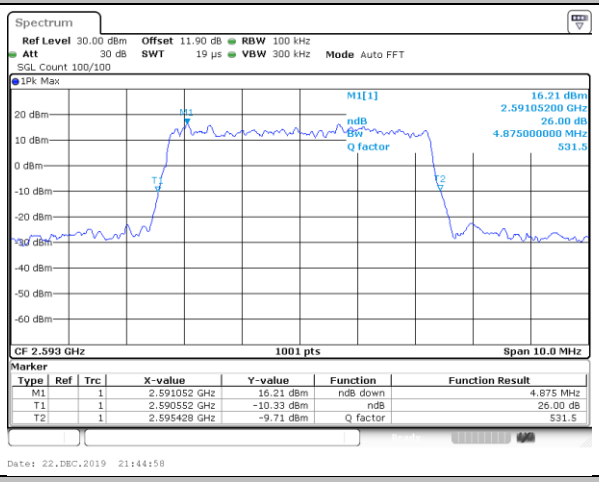
### Lowest Channel / 5MHz / QPSK



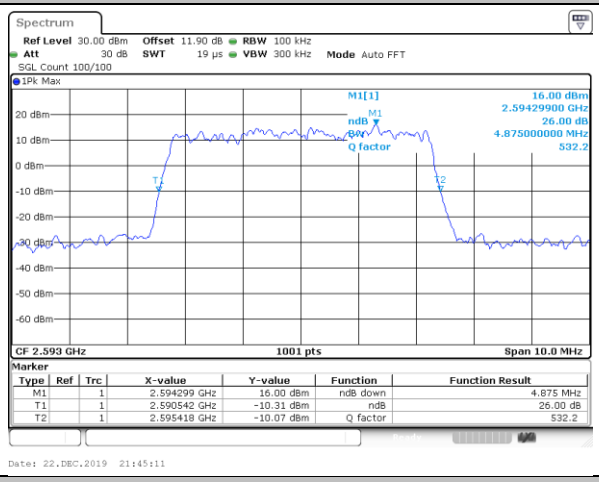

### Lowest Channel / 5MHz / 16QAM



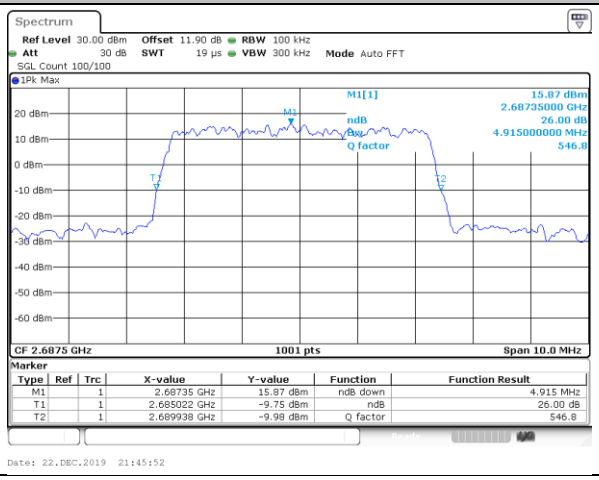

### Middle Channel / 5MHz / QPSK



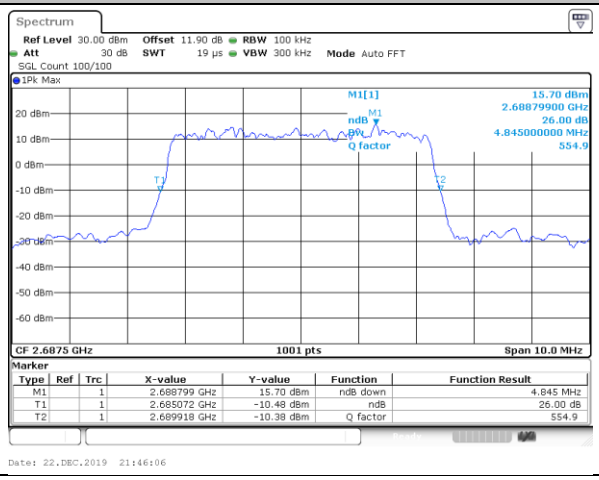

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

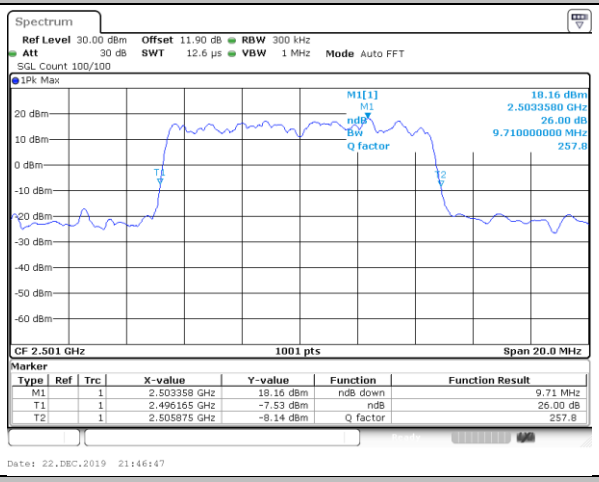



### Highest Channel / 5MHz / 16QAM

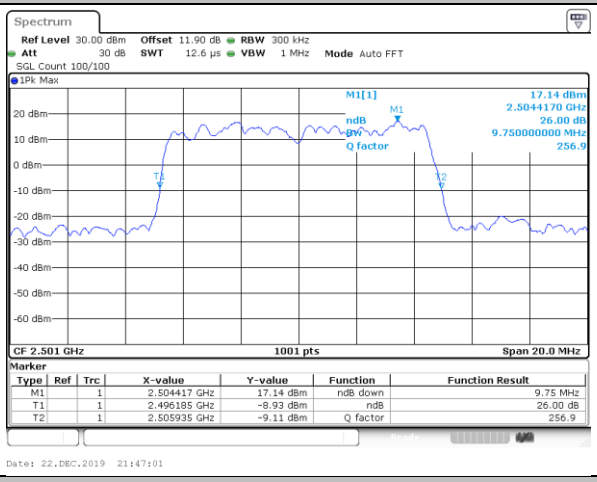


## LTE Band 41

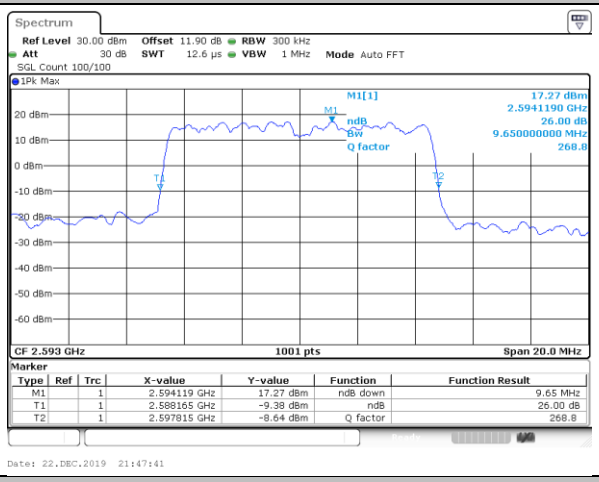
### Lowest Channel / 10MHz / QPSK



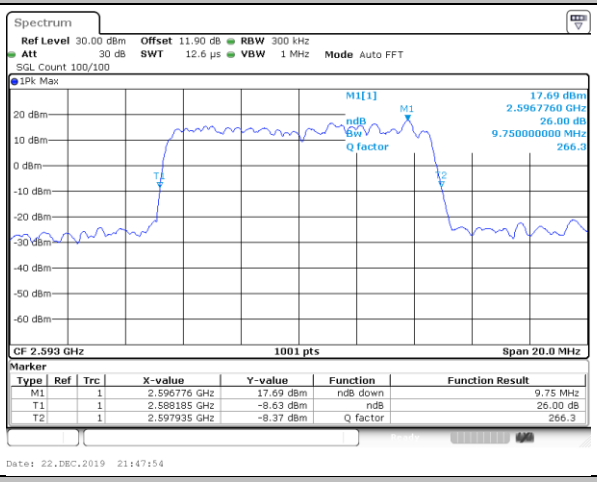

### Lowest Channel / 10MHz / 16QAM



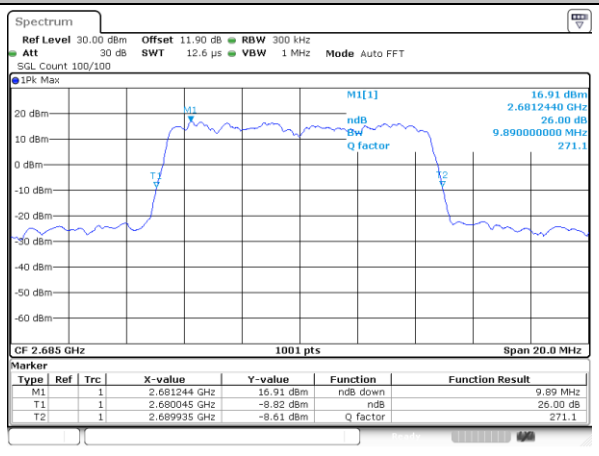

### Middle Channel / 10MHz / QPSK



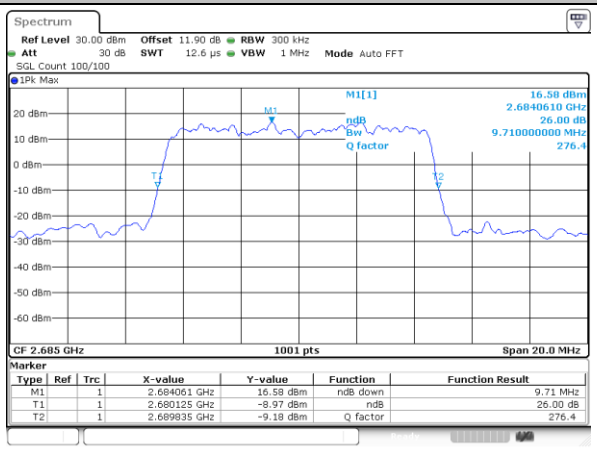

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

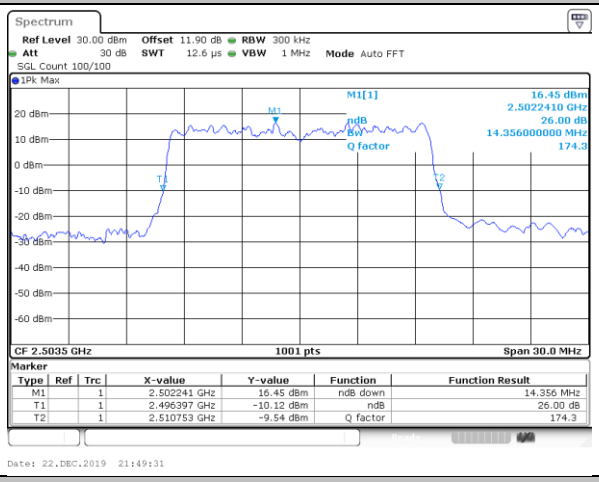



### Highest Channel / 10MHz / 16QAM

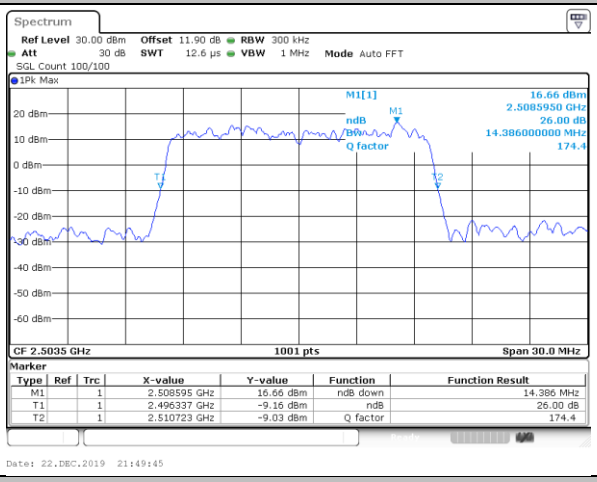


## LTE Band 41

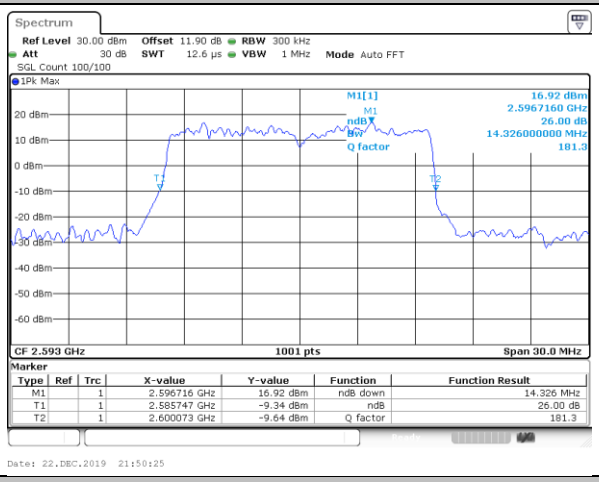
### Lowest Channel / 15MHz / QPSK



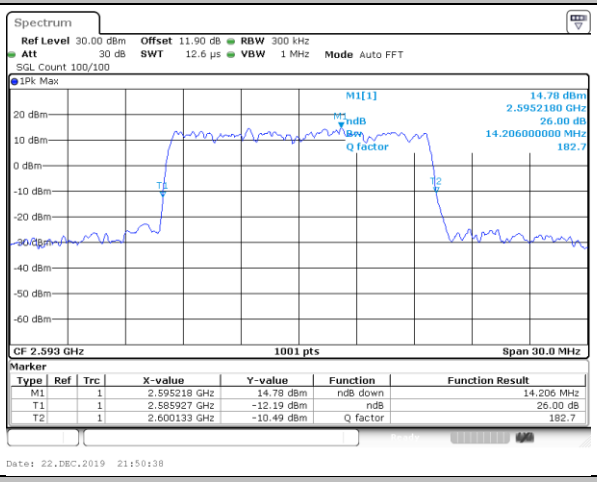

### Lowest Channel / 15MHz / 16QAM



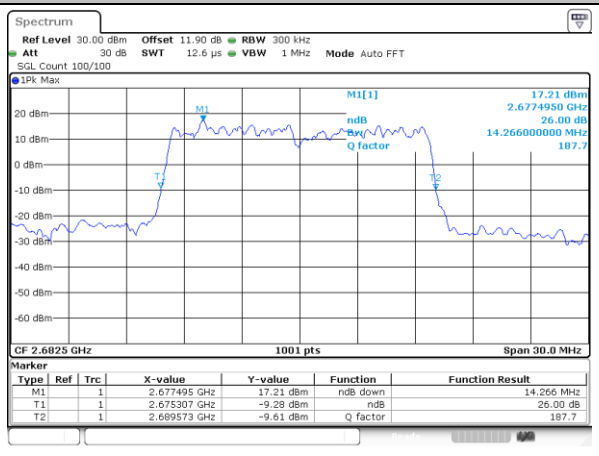

### Middle Channel / 15MHz / QPSK



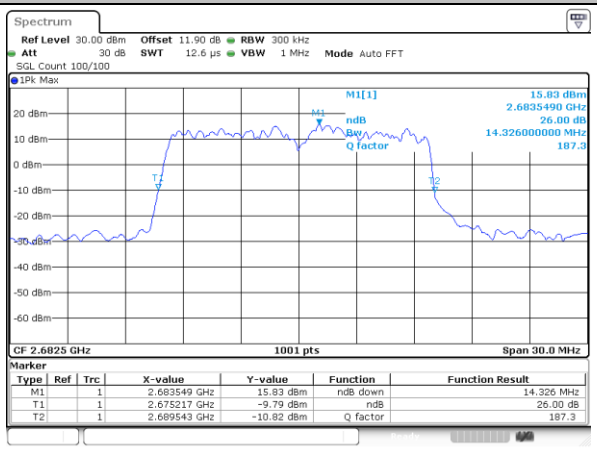

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

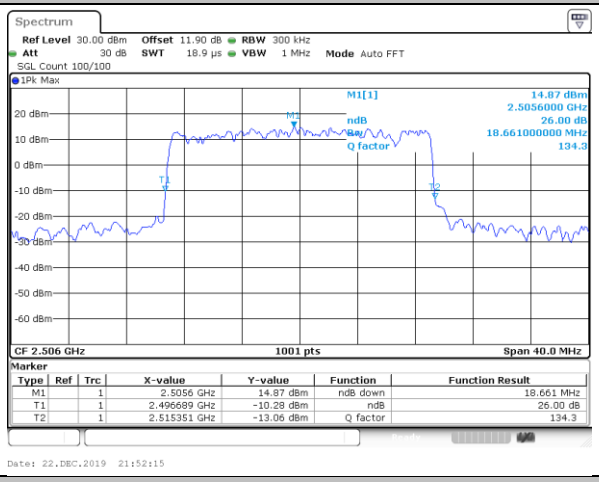



### Highest Channel / 15MHz / 16QAM

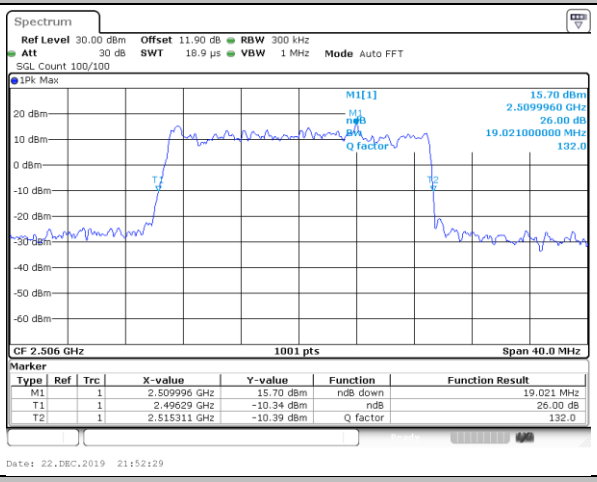


## LTE Band 41

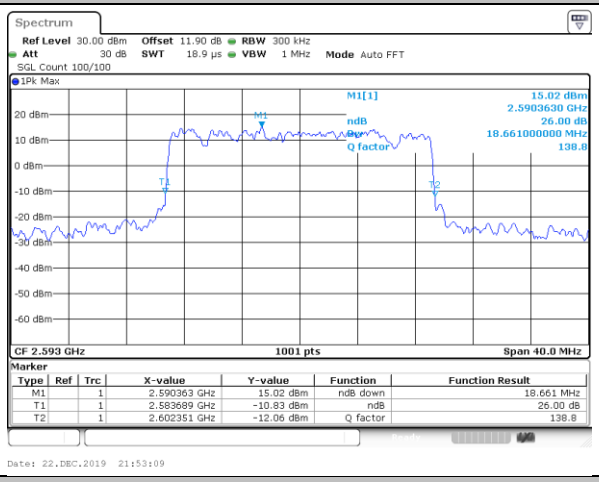
### Lowest Channel / 20MHz / QPSK



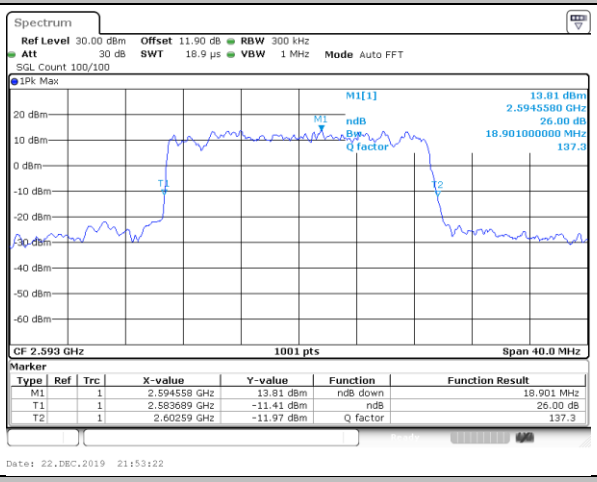

### Lowest Channel / 20MHz / 16QAM



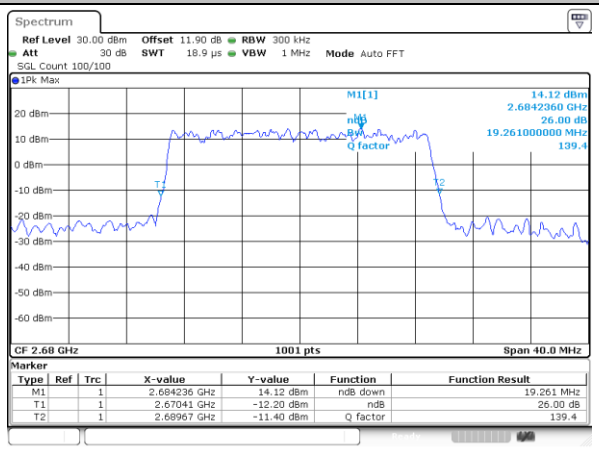

### Middle Channel / 20MHz / QPSK



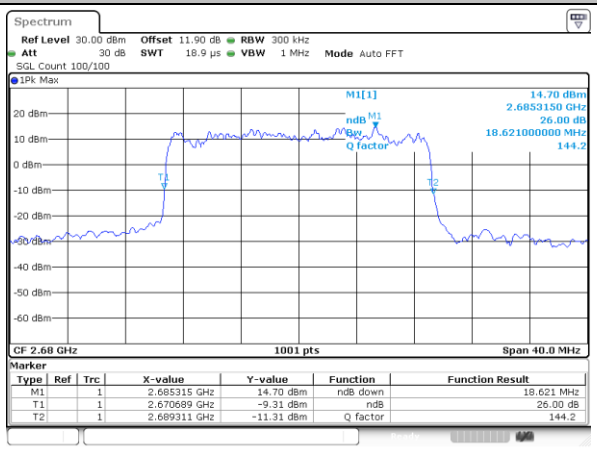

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

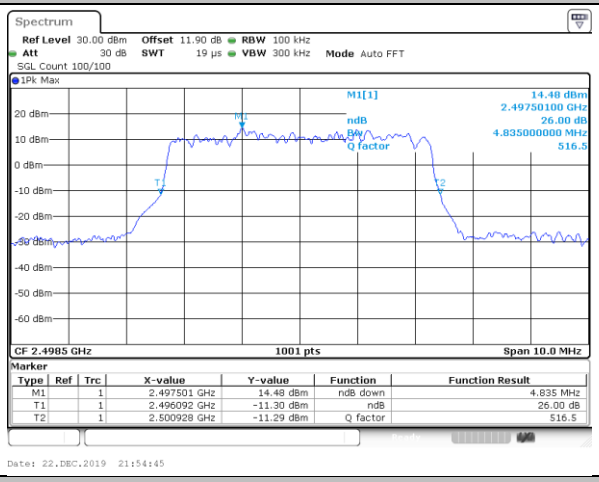



### Highest Channel / 20MHz / 16QAM

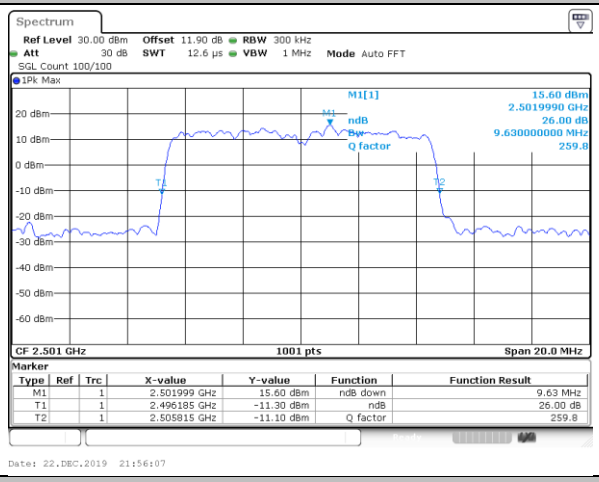


## LTE Band 41

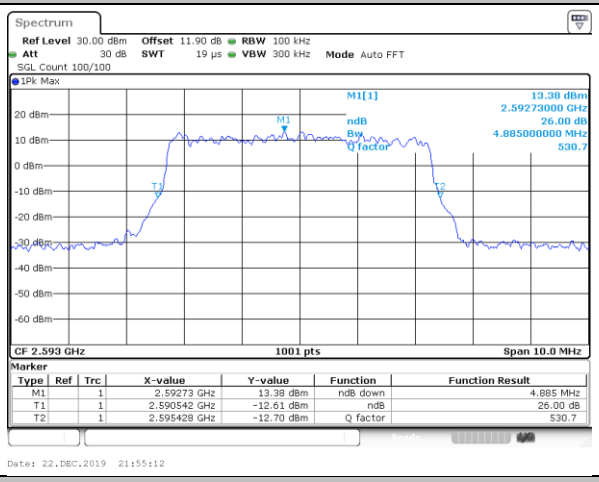
### Lowest Channel / 5MHz / 64QAM



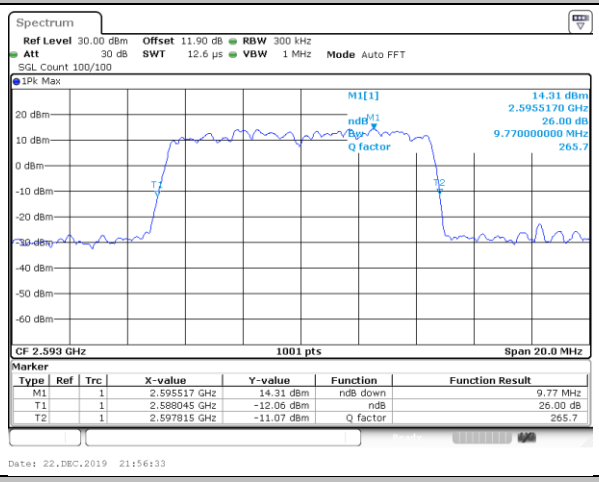

### Lowest Channel / 10MHz / 64QAM



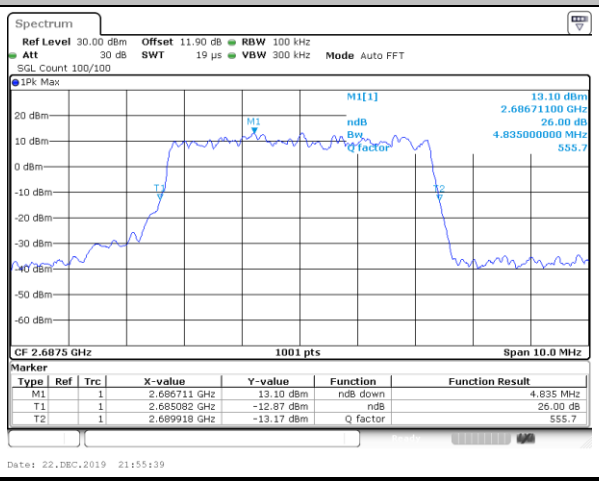

### Middle Channel / 5MHz / 64QAM



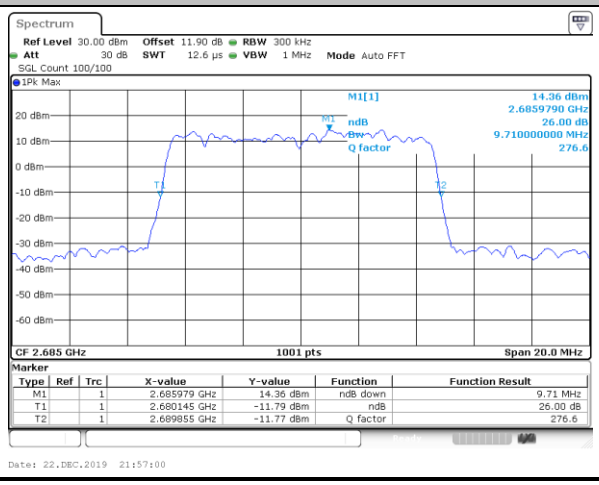

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM

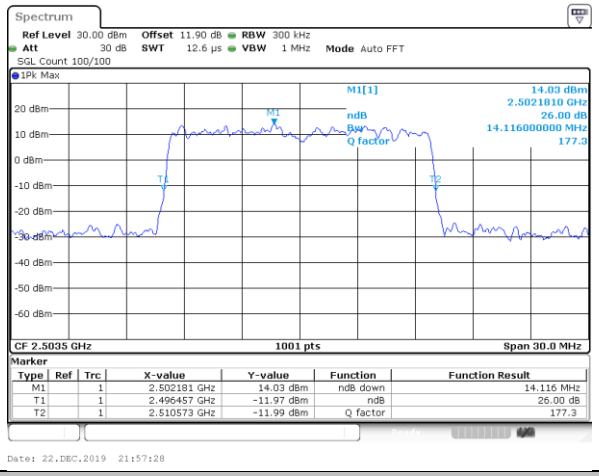



### Highest Channel / 10MHz / 64QAM

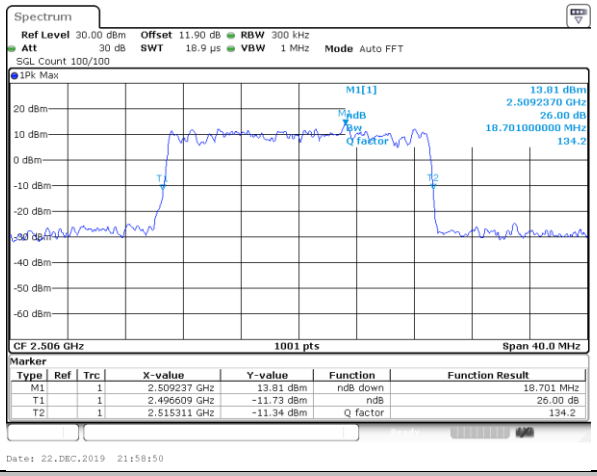


## LTE Band 41

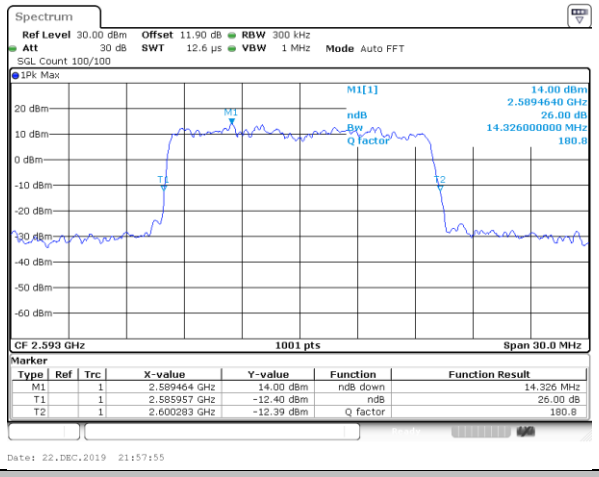
### Lowest Channel / 15MHz / 64QAM



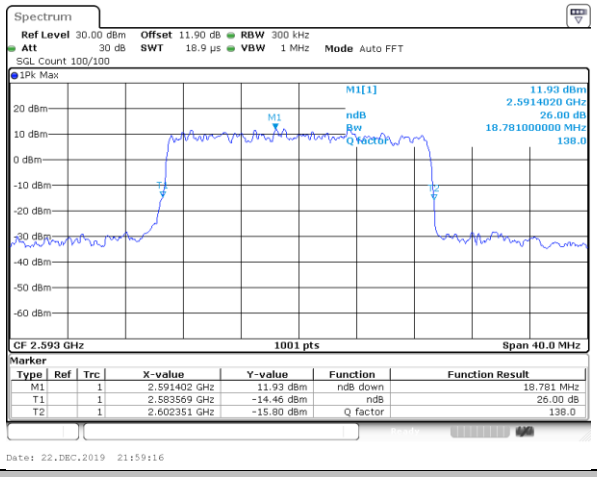

### Lowest Channel / 20MHz / 64QAM



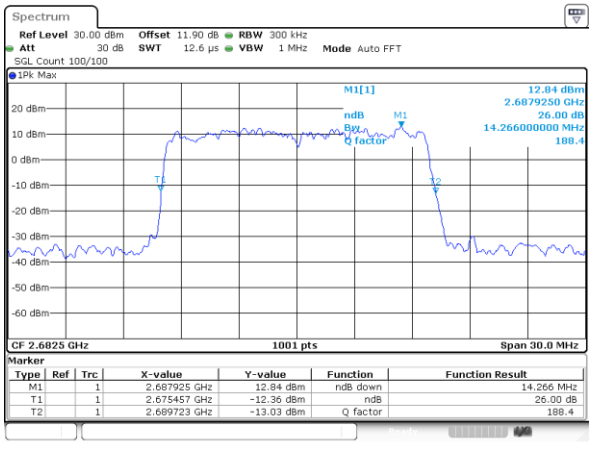

### Middle Channel / 15MHz / 64QAM



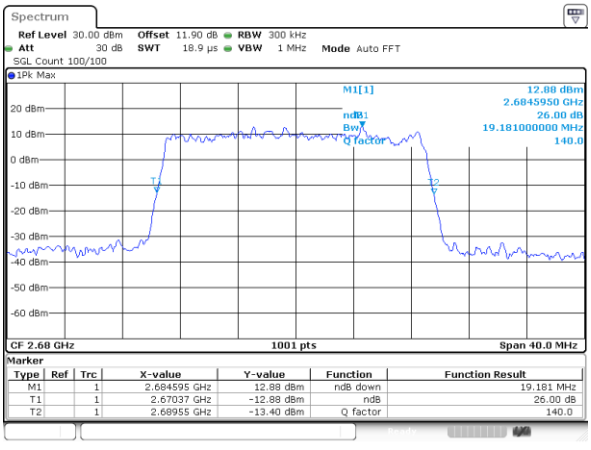

### Middle Channel / 20MHz / 64QAM




### Highest Channel / 15MHz / 64QAM




### Highest Channel / 20MHz / 64QAM

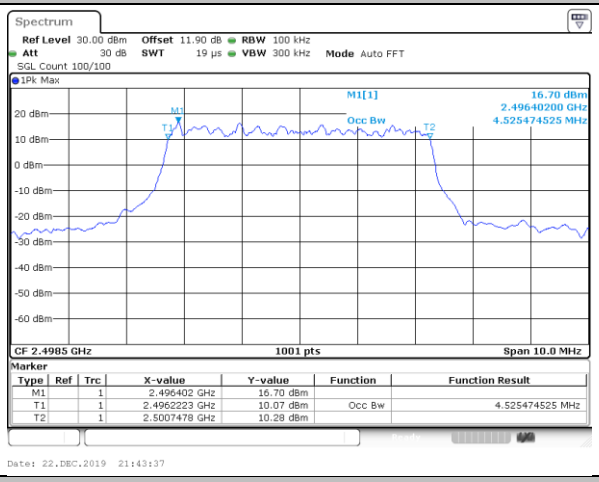


# Occupied Bandwidth

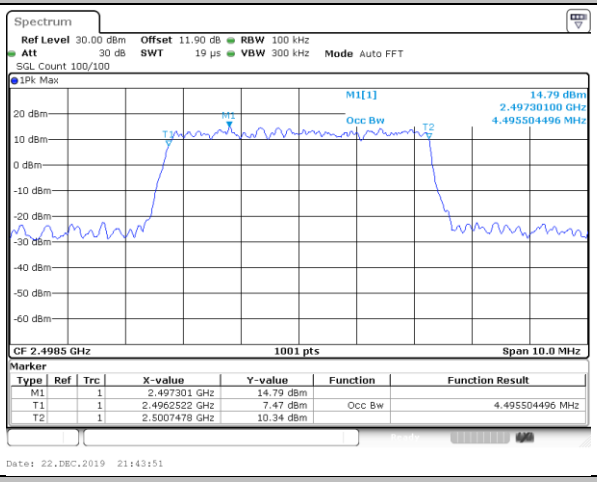
| Mode | LTE Band 41 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.53 | 4.50 | 9.07 | 8.99 | 13.43 | 13.43 | 17.82 | 17.82 |
| Middle CH | - | - | - | - | 4.49 | 4.49 | 9.01 | 9.03 | 13.43 | 13.46 | 17.82 | 17.82 |
| Highest CH | - | - | - | - | 4.49 | 4.50 | 9.01 | 8.97 | 13.52 | 13.49 | 17.82 | 17.82 |
| Mode | LTE Band 41 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | - | - | - | - | 4.49 | - | 9.01 | - | 13.46 | - | 17.86 | - |
| Middle CH | - | - | - | - | 4.48 | - | 9.01 | - | 13.46 | - | 17.78 | - |
| Highest CH | - | - | - | - | 4.48 | - | 9.05 | - | 13.43 | - | 17.86 | - |

## LTE Band 41

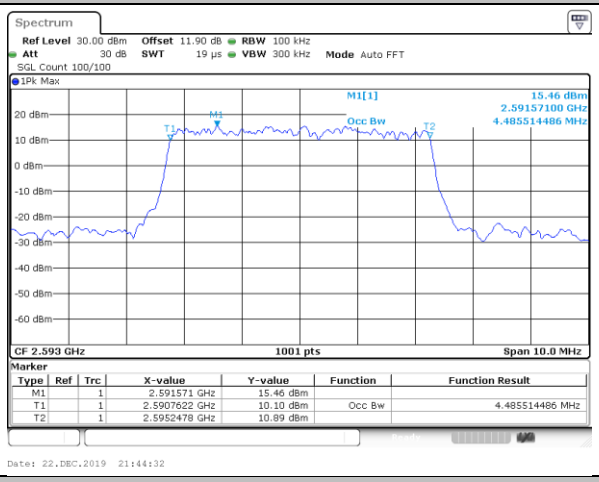
### Lowest Channel / 5MHz / QPSK



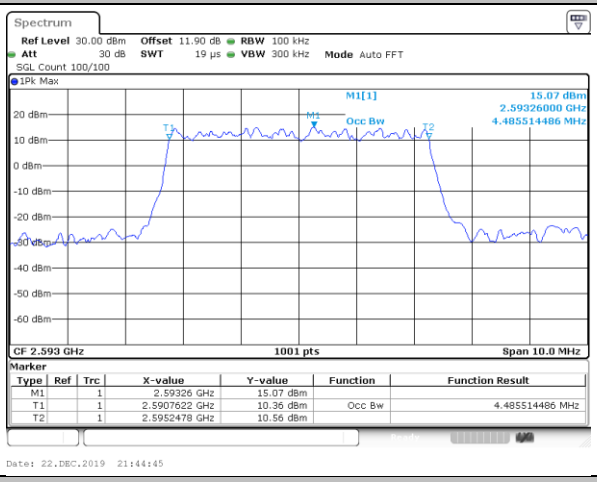

### Lowest Channel / 5MHz / 16QAM



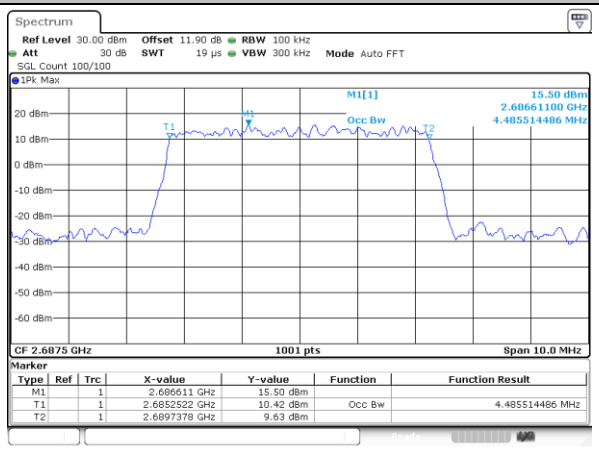

### Middle Channel / 5MHz / QPSK



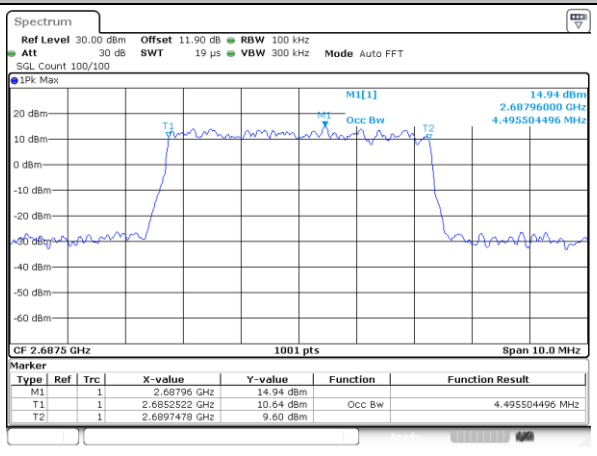

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

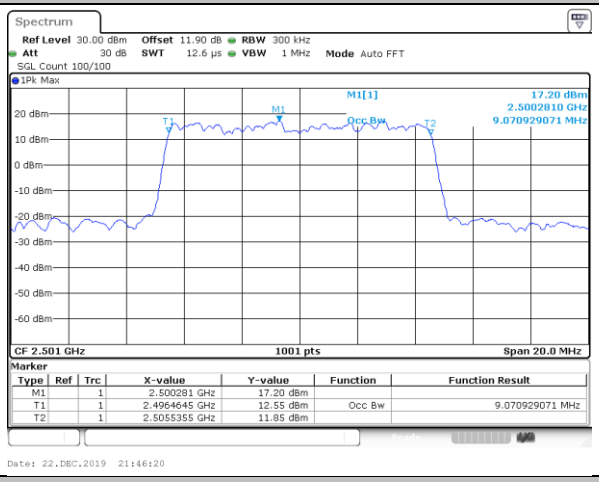



### Highest Channel / 5MHz / 16QAM

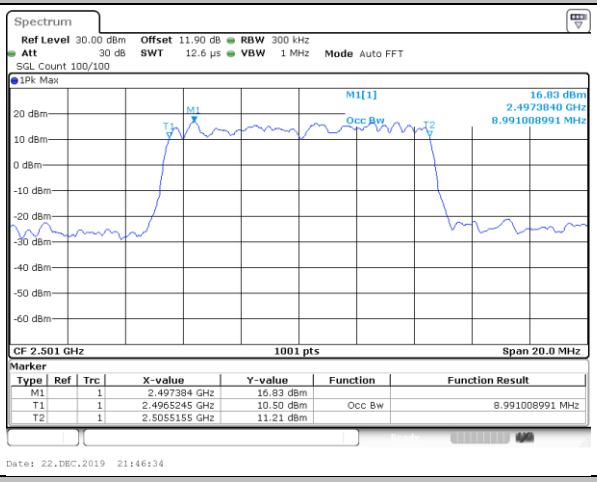


## LTE Band 41

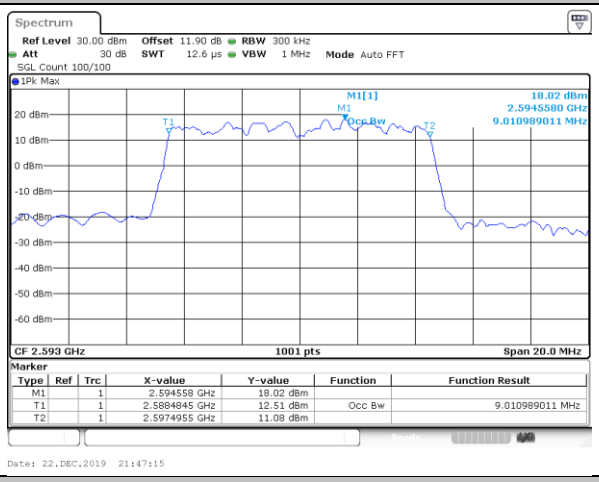
### Lowest Channel / 10MHz / QPSK



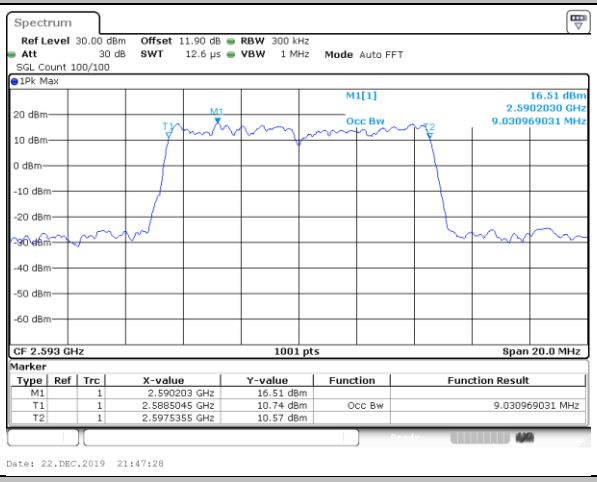

### Lowest Channel / 10MHz / 16QAM



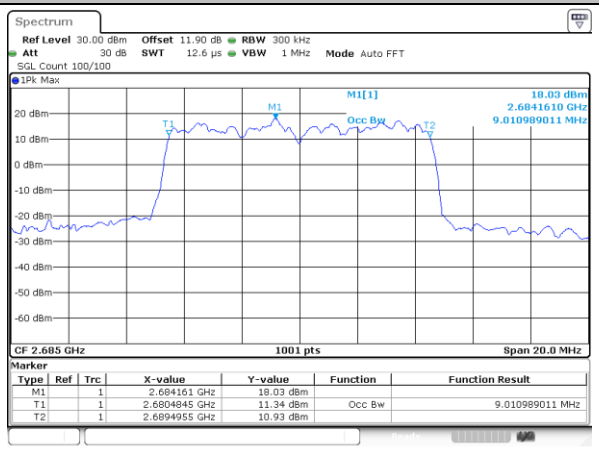

### Middle Channel / 10MHz / QPSK



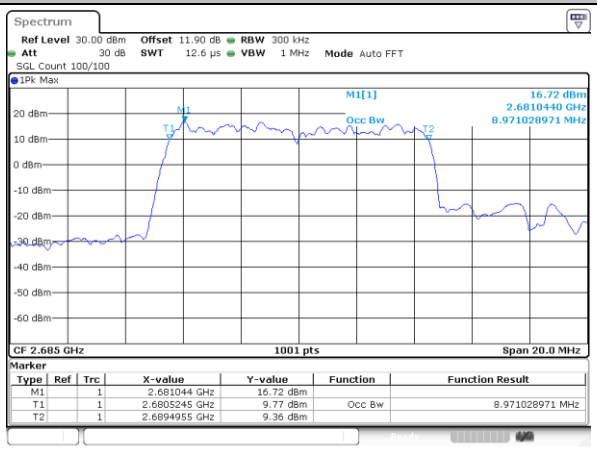

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

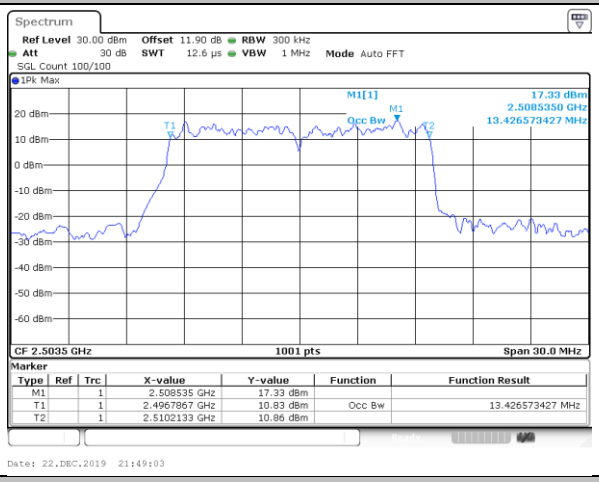



### Highest Channel / 10MHz / 16QAM

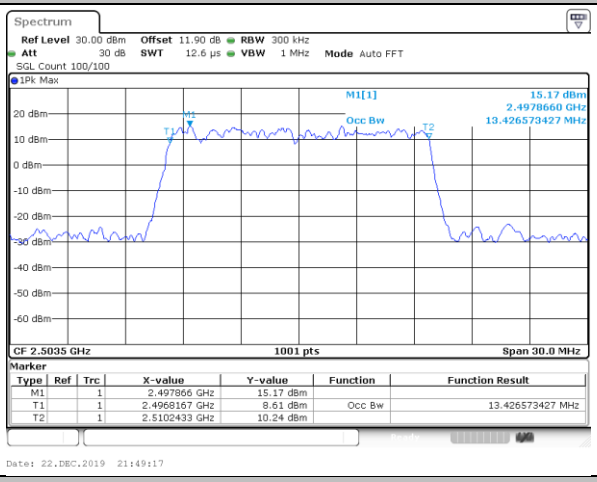


## LTE Band 41

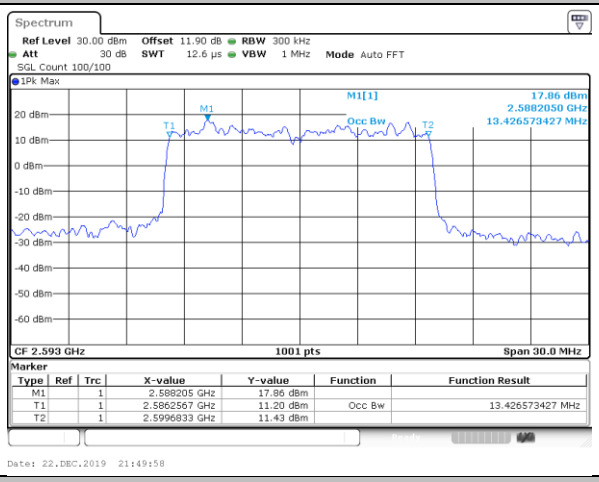
### Lowest Channel / 15MHz / QPSK



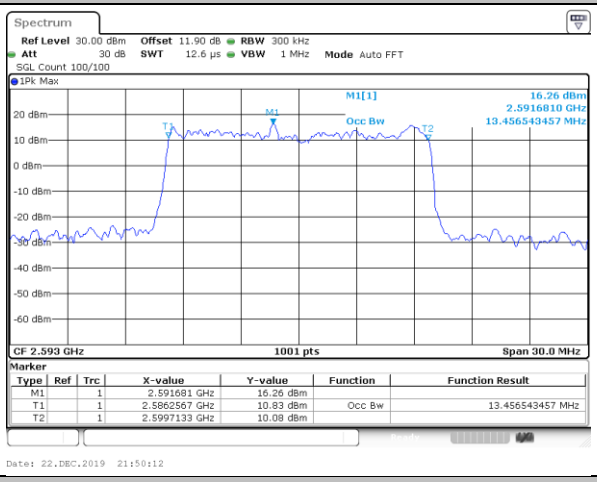

### Lowest Channel / 15MHz / 16QAM



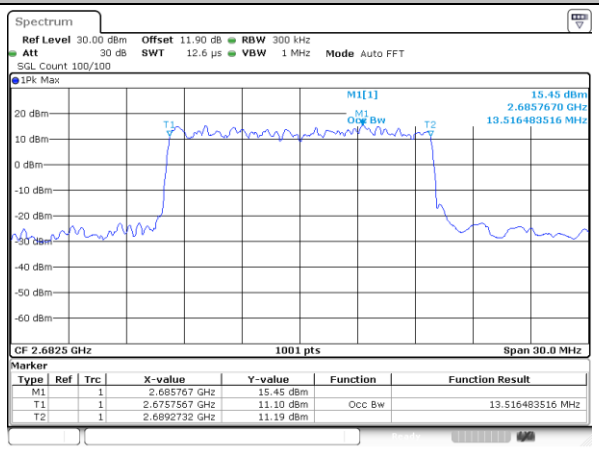

### Middle Channel / 15MHz / QPSK



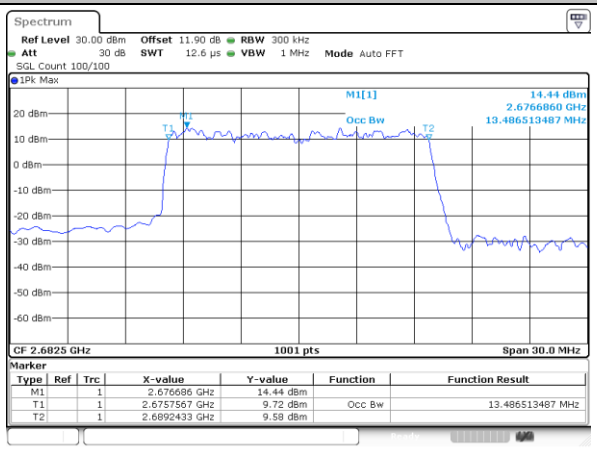

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

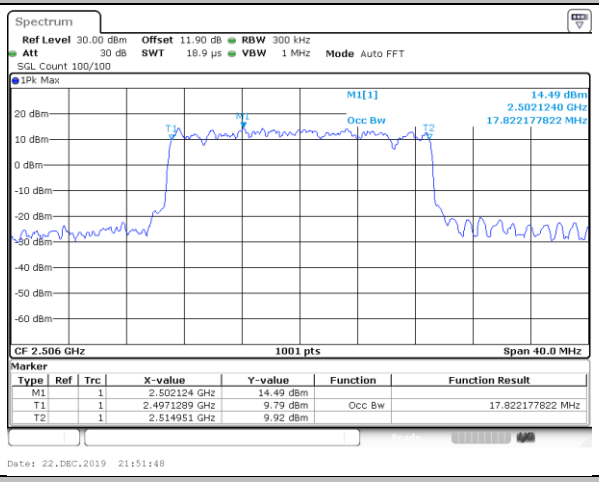



### Highest Channel / 15MHz / 16QAM

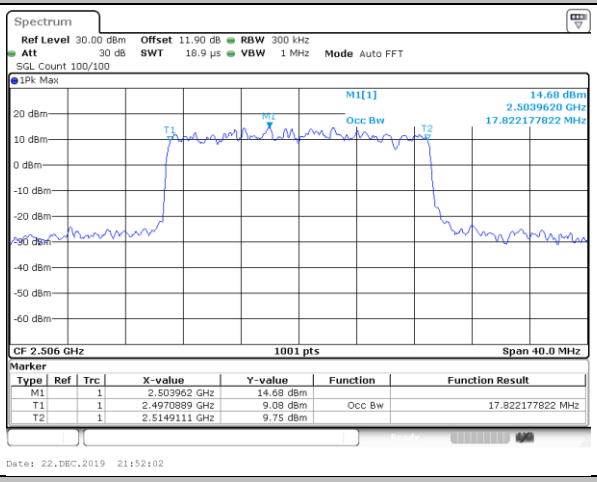


## LTE Band 41

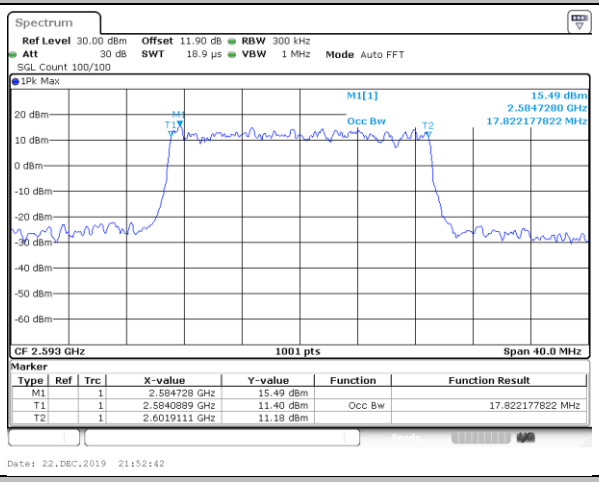
### Lowest Channel / 20MHz / QPSK



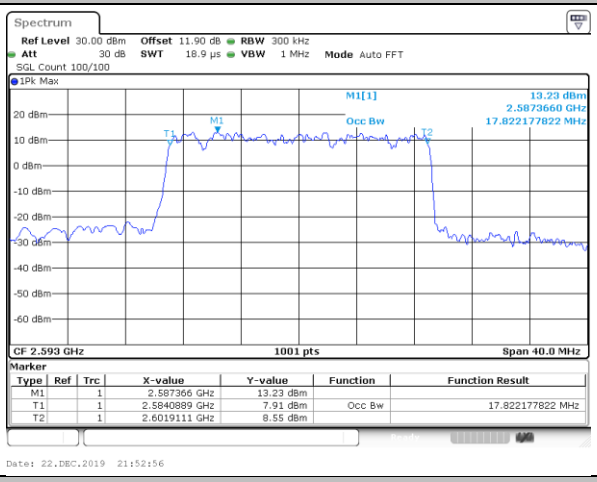

### Lowest Channel / 20MHz / 16QAM



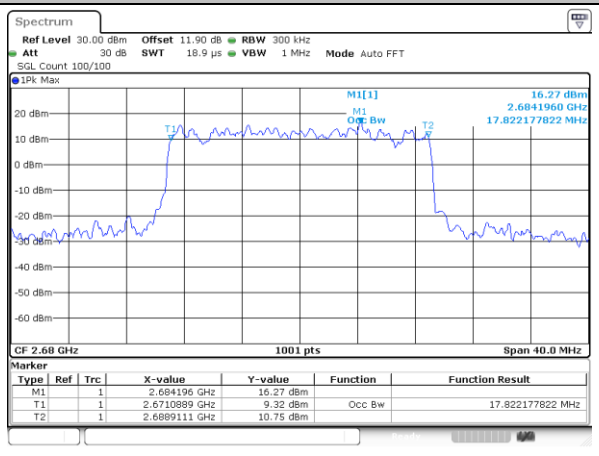

### Middle Channel / 20MHz / QPSK



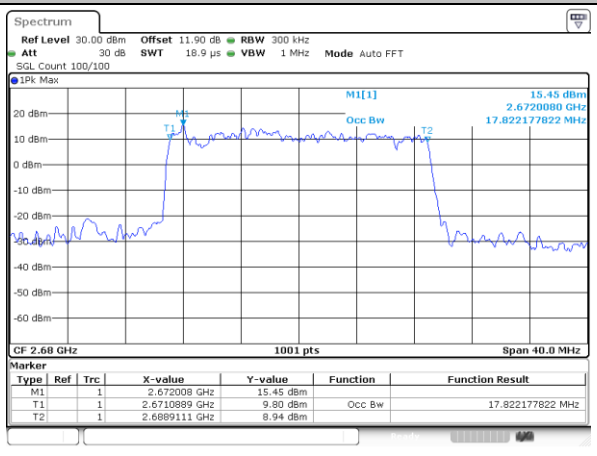

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

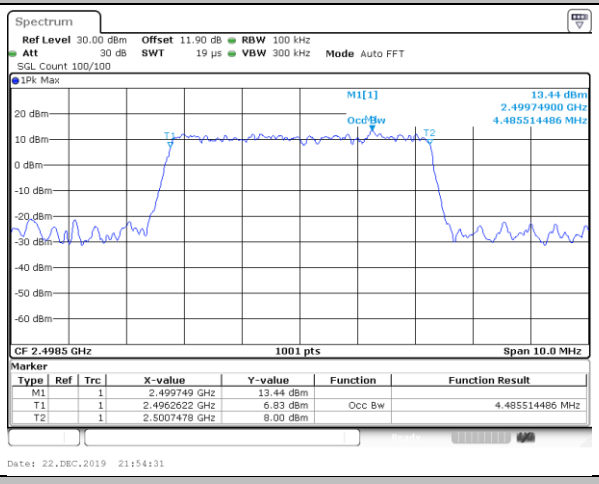



### Highest Channel / 20MHz / 16QAM

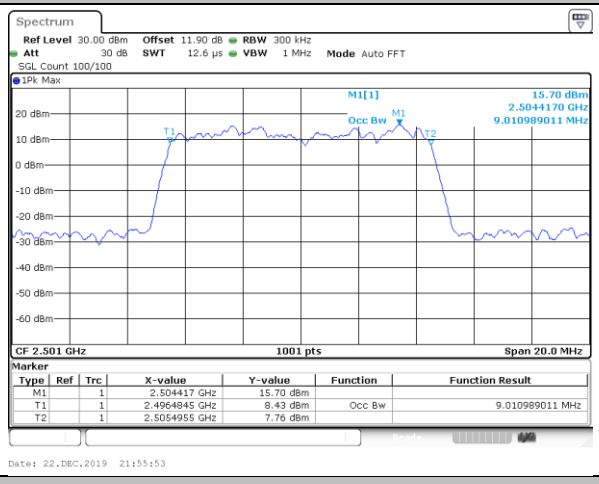


## LTE Band 41

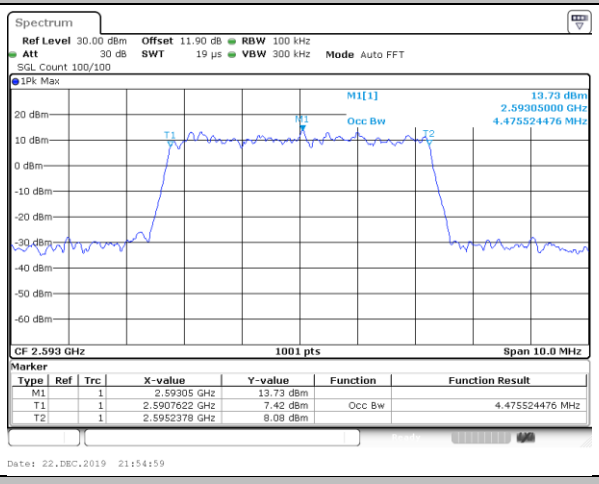
### Lowest Channel / 5MHz / 64QAM



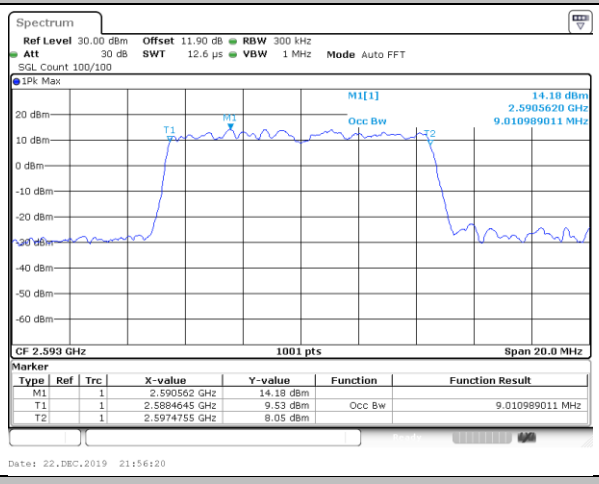

### Lowest Channel / 10MHz / 64QAM



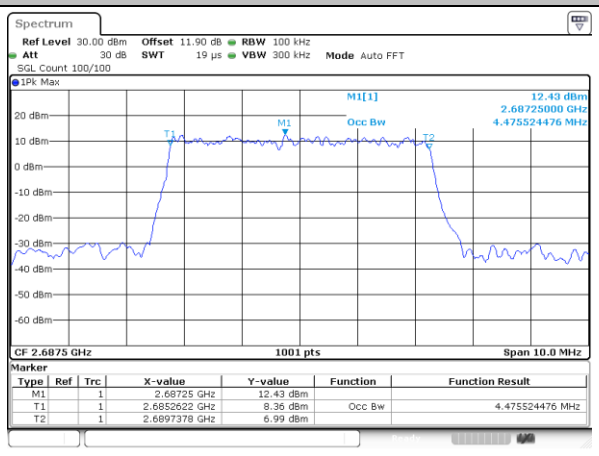

### Middle Channel / 5MHz / 64QAM



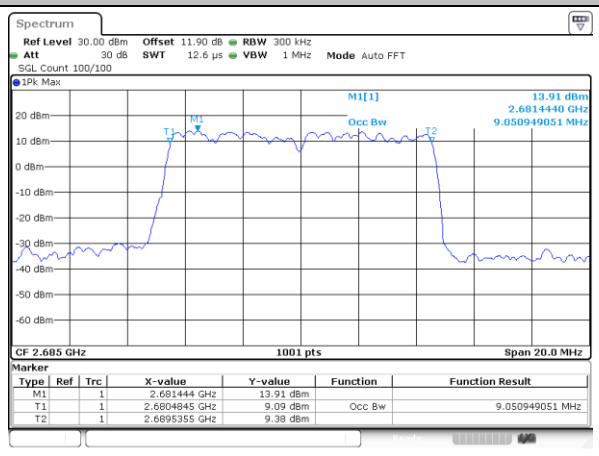

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM

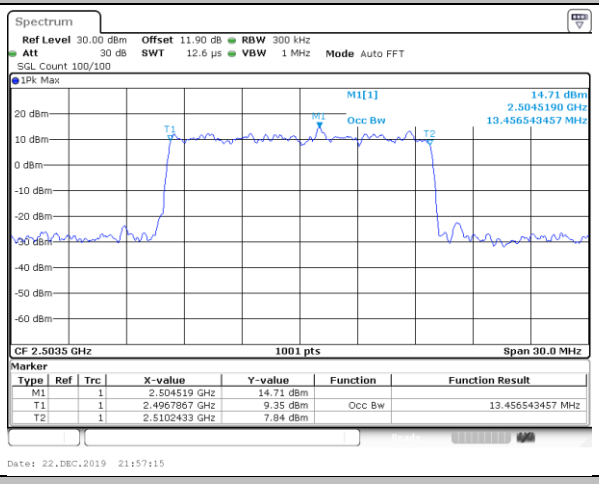



### Highest Channel / 10MHz / 64QAM

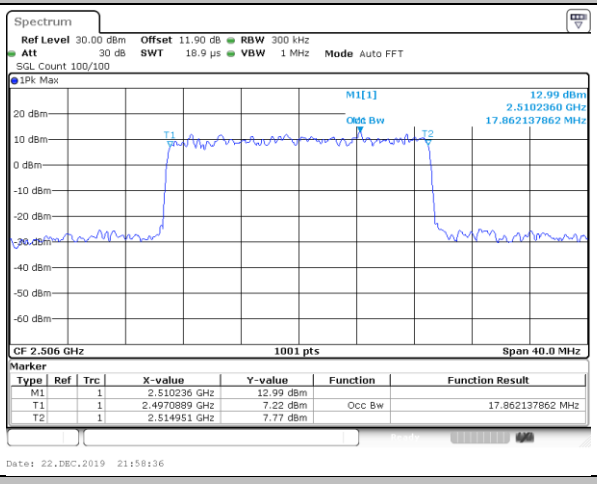


## LTE Band 41

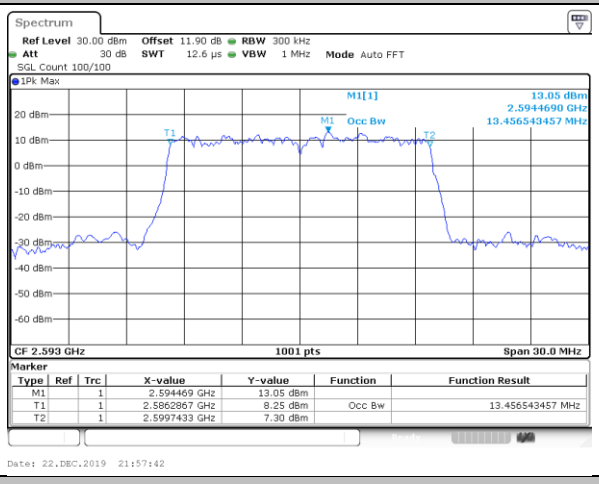
### Lowest Channel / 15MHz / 64QAM



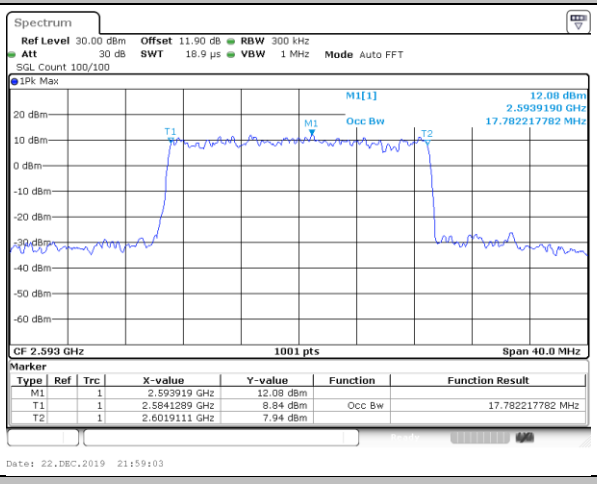

### Lowest Channel / 20MHz / 64QAM



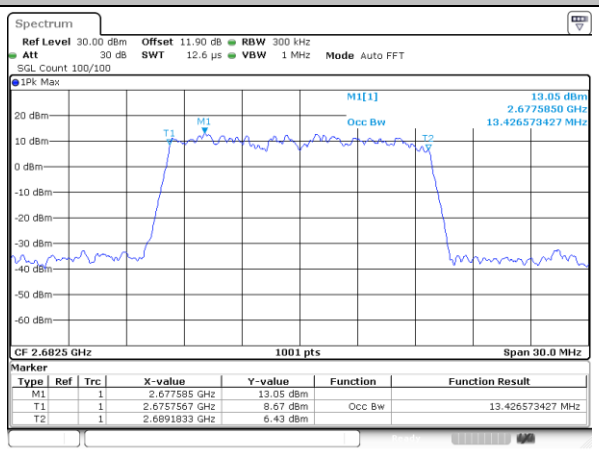

### Middle Channel / 15MHz / 64QAM



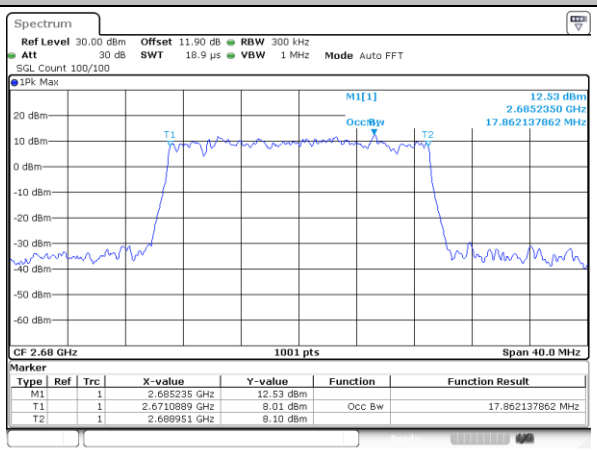

### Middle Channel / 20MHz / 64QAM




### Highest Channel / 15MHz / 64QAM



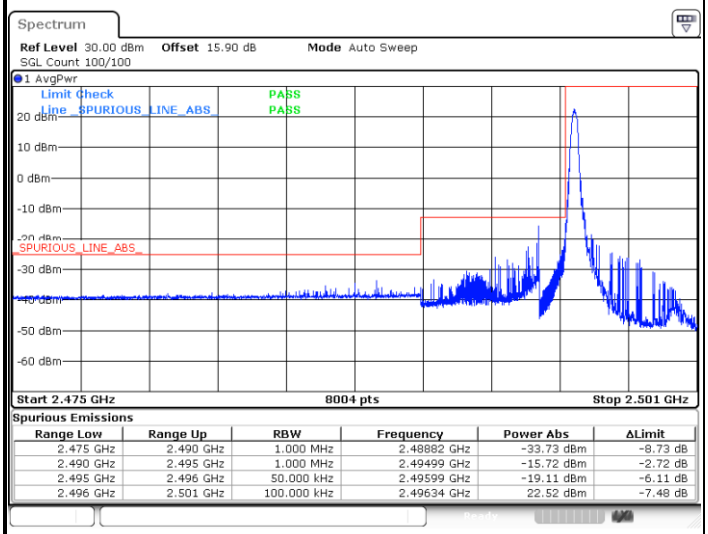

### Highest Channel / 20MHz / 64QAM



# Conducted Band Edge

## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

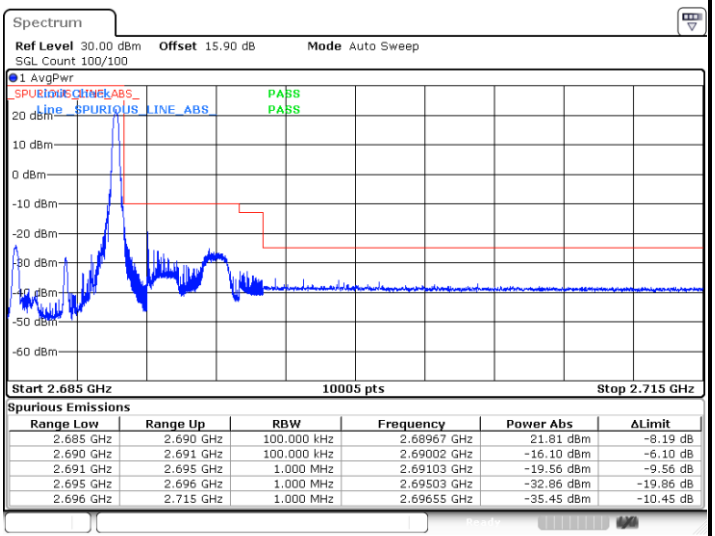



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48882 GHz | -33.73 dBm | -8.73 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49499 GHz | -15.72 dBm | -2.72 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49599 GHz | -19.11 dBm | -6.11 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49634 GHz | 22.52 dBm | -7.48 dB |

Date: 26.DEC.2019 22:14:45

### Highest Band Edge / 1 RB

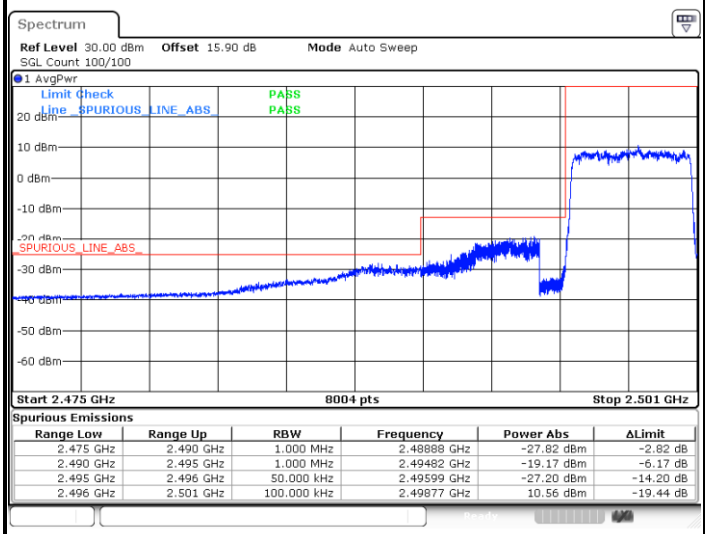



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68967 GHz | 21.81 dBm | -8.19 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69002 GHz | -16.10 dBm | -6.10 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69103 GHz | -19.56 dBm | -9.56 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69503 GHz | -32.86 dBm | -19.86 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69655 GHz | -35.45 dBm | -10.45 dB |

Date: 26.DEC.2019 22:18:59

### Lowest Band Edge / Full RB

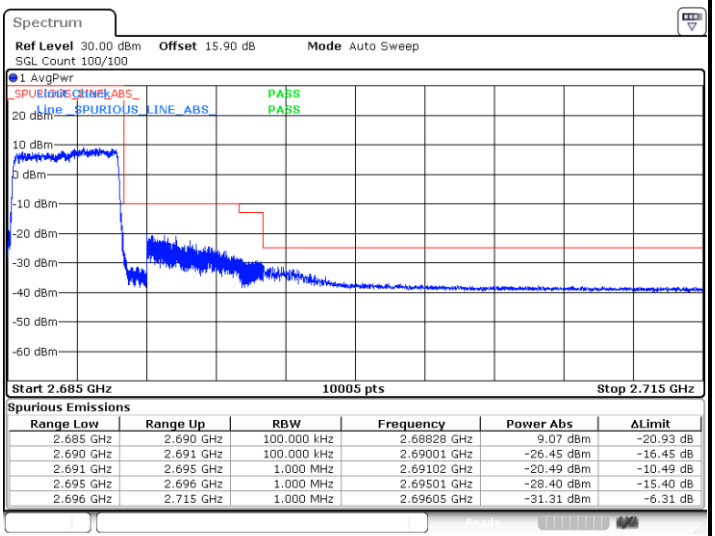



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48888 GHz | -27.82 dBm | -2.82 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49482 GHz | -19.17 dBm | -6.17 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49599 GHz | -27.20 dBm | -14.20 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49877 GHz | 10.56 dBm | -19.44 dB |

Date: 26.DEC.2019 22:16:53

### Highest Band Edge / Full RB



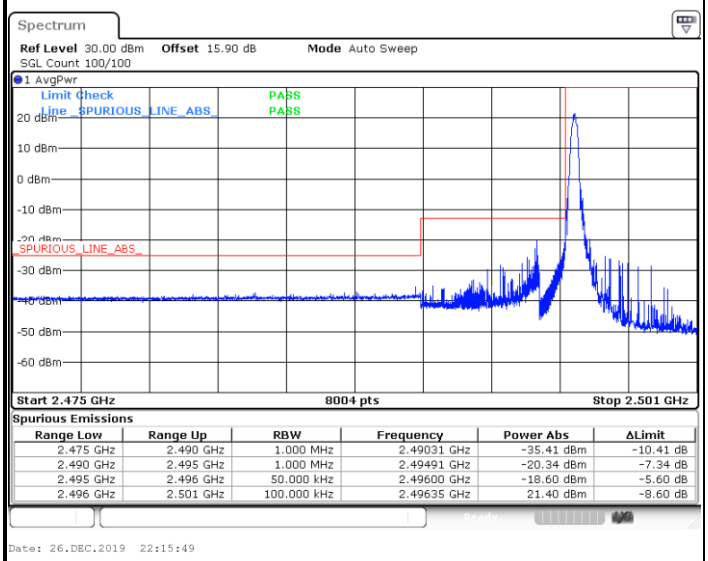

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68828 GHz | 9.07 dBm | -20.93 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69001 GHz | -26.45 dBm | -16.45 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69102 GHz | -20.49 dBm | -10.49 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69501 GHz | -28.40 dBm | -15.40 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69605 GHz | -31.31 dBm | -6.31 dB |

Date: 26.DEC.2019 22:21:03

## LTE Band 41 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

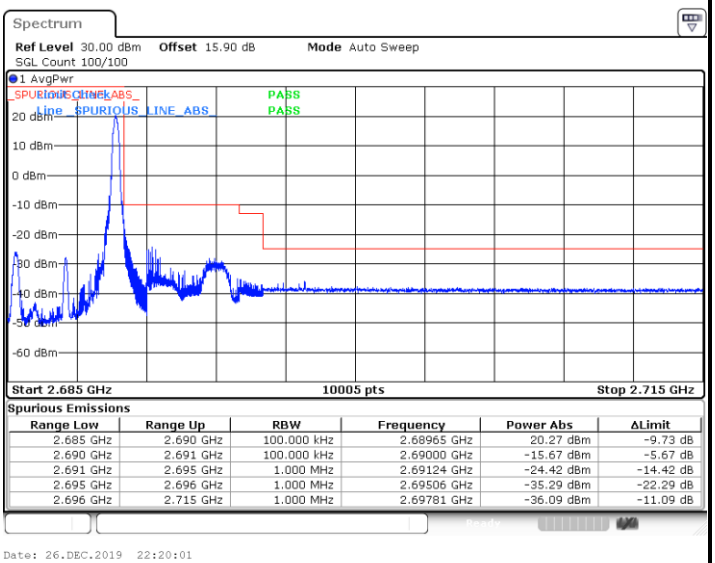



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49031 GHz | -35.41 dBm | -10.41 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49491 GHz | -20.34 dBm | -7.34 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -18.60 dBm | -5.60 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49635 GHz | 21.40 dBm | -8.60 dB |

Date: 26.DEC.2019 22:15:49

### Highest Band Edge / 1 RB

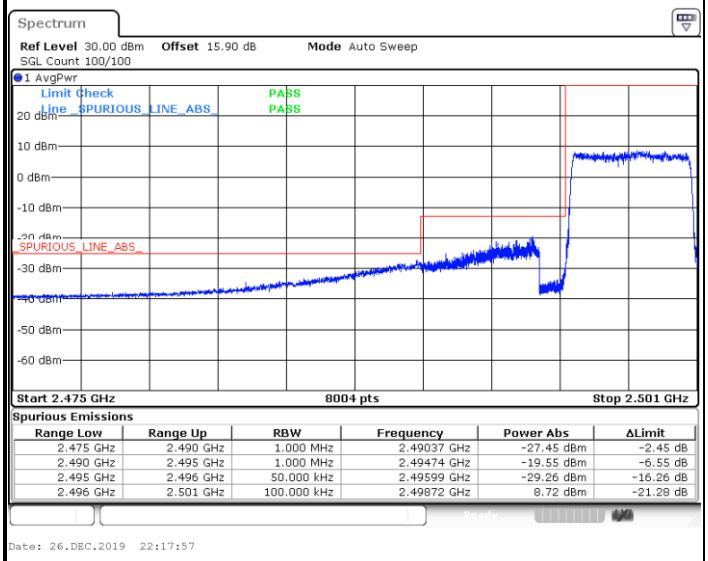



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68965 GHz | 20.27 dBm | -9.73 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -15.67 dBm | -5.67 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69124 GHz | -24.42 dBm | -14.42 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69506 GHz | -35.29 dBm | -22.29 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69781 GHz | -36.09 dBm | -11.09 dB |

Date: 26.DEC.2019 22:20:01

### Lowest Band Edge / Full RB

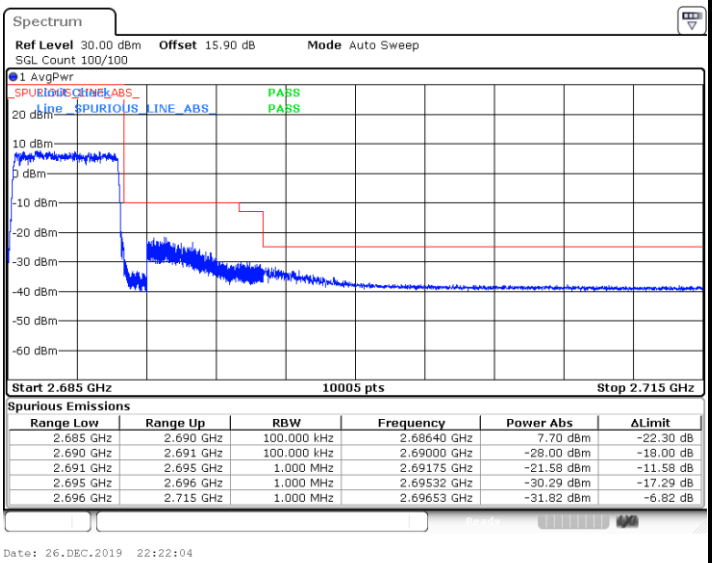



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49037 GHz | -27.45 dBm | -2.45 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49474 GHz | -19.55 dBm | -6.55 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49599 GHz | -29.26 dBm | -16.26 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49872 GHz | 8.72 dBm | -21.28 dB |

Date: 26.DEC.2019 22:17:57

### Highest Band Edge / Full RB



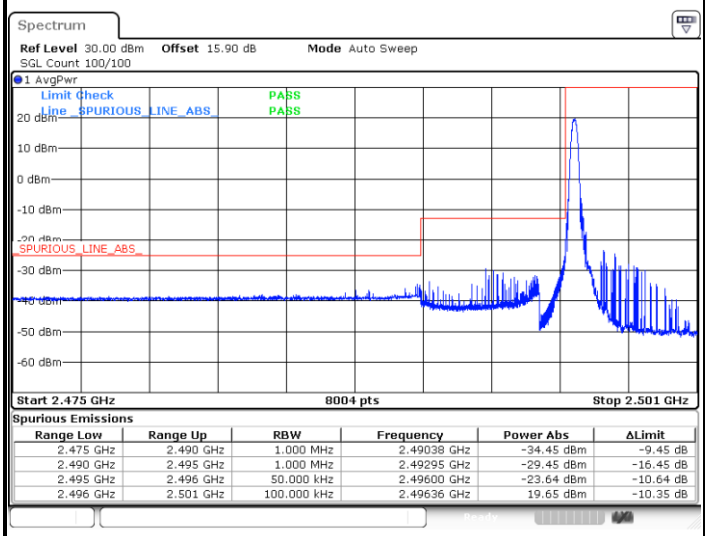

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68640 GHz | 7.70 dBm | -22.30 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -28.00 dBm | -18.00 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69175 GHz | -21.58 dBm | -11.58 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69532 GHz | -30.29 dBm | -17.29 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69653 GHz | -31.82 dBm | -6.82 dB |

Date: 26.DEC.2019 22:22:04

## LTE Band 41 / 5MHz / 64QAM

### Lowest Band Edge / 1RB

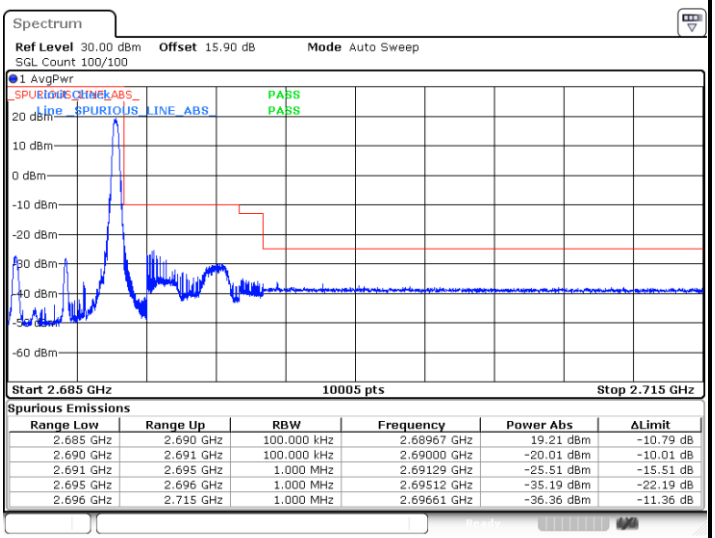



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49038 GHz | -34.45 dBm | -9.45 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49295 GHz | -29.45 dBm | -16.45 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -23.64 dBm | -10.64 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49636 GHz | 19.65 dBm | -10.35 dB |

Date: 26.DEC.2019 22:23:08

### Highest Band Edge / 1 RB

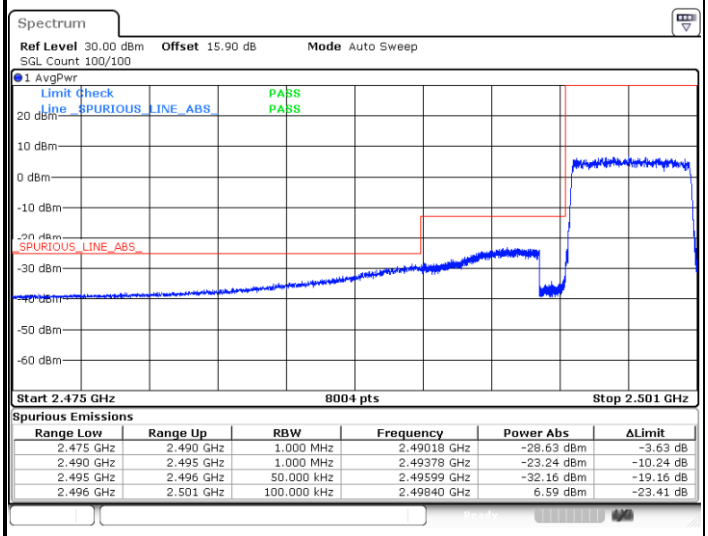



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68967 GHz | 19.21 dBm | -10.79 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -20.01 dBm | -10.01 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69129 GHz | -25.51 dBm | -15.51 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69512 GHz | -35.19 dBm | -22.19 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69661 GHz | -36.36 dBm | -11.36 dB |

Date: 26.DEC.2019 22:25:14

### Lowest Band Edge / Full RB

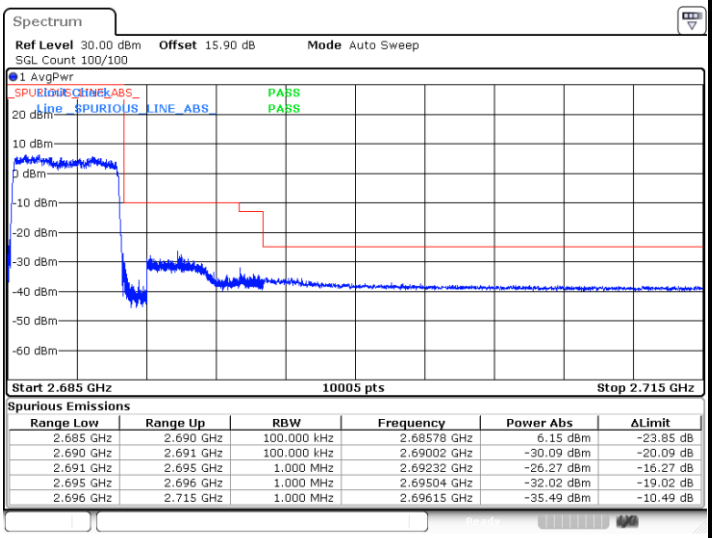



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49018 GHz | -28.63 dBm | -3.63 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49378 GHz | -23.24 dBm | -10.24 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49599 GHz | -32.16 dBm | -19.16 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49840 GHz | 6.59 dBm | -23.41 dB |

Date: 26.DEC.2019 22:24:12

### Highest Band Edge / Full RB



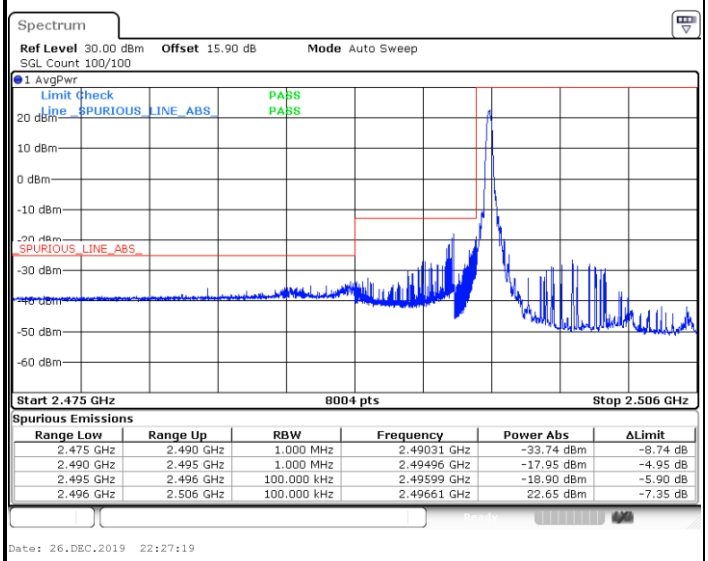

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68578 GHz | 6.15 dBm | -23.85 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69002 GHz | -30.09 dBm | -20.09 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69232 GHz | -26.27 dBm | -16.27 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69504 GHz | -32.02 dBm | -19.02 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69615 GHz | -35.49 dBm | -10.49 dB |

Date: 26.DEC.2019 22:26:15

## LTE Band 41 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

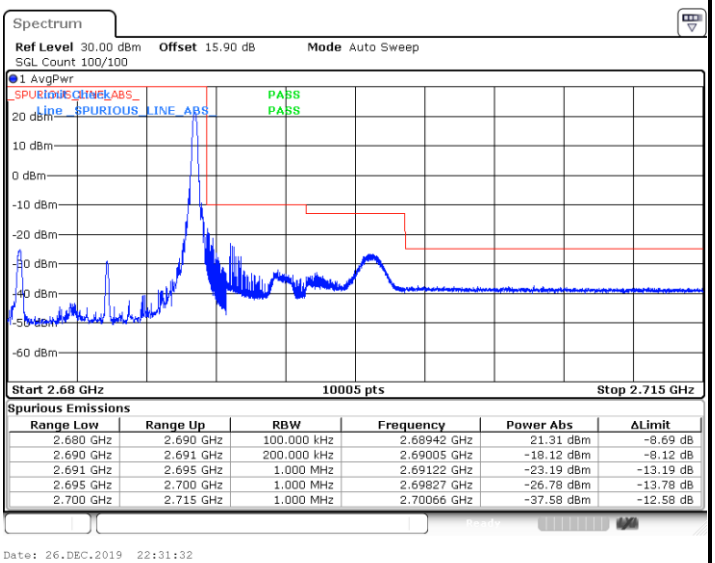



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49031 GHz | -33.74 dBm | -8.74 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49496 GHz | -17.95 dBm | -4.95 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49599 GHz | -18.90 dBm | -5.90 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49661 GHz | 22.65 dBm | -7.35 dB |

Date: 26.DEC.2019 22:27:19

### Highest Band Edge / 1 RB

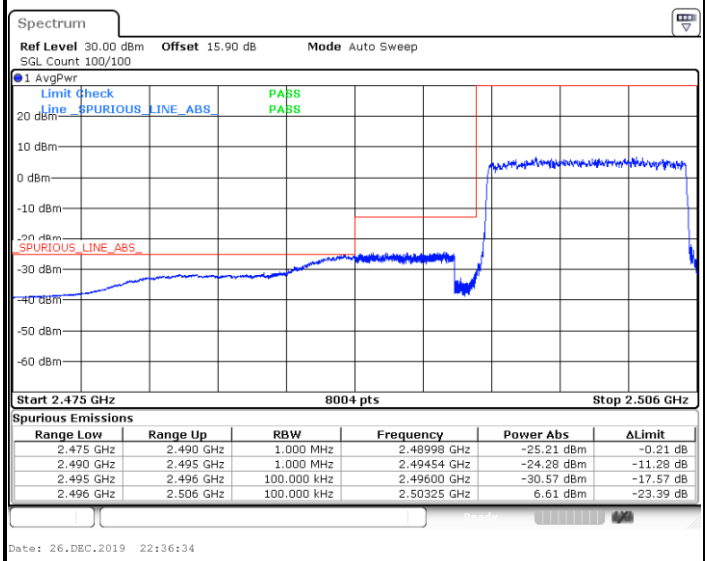



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68942 GHz | 21.31 dBm | -8.69 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69005 GHz | -18.12 dBm | -8.12 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69122 GHz | -23.19 dBm | -13.19 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69827 GHz | -26.78 dBm | -13.78 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70066 GHz | -37.58 dBm | -12.58 dB |

Date: 26.DEC.2019 22:31:32

### Lowest Band Edge / Full RB

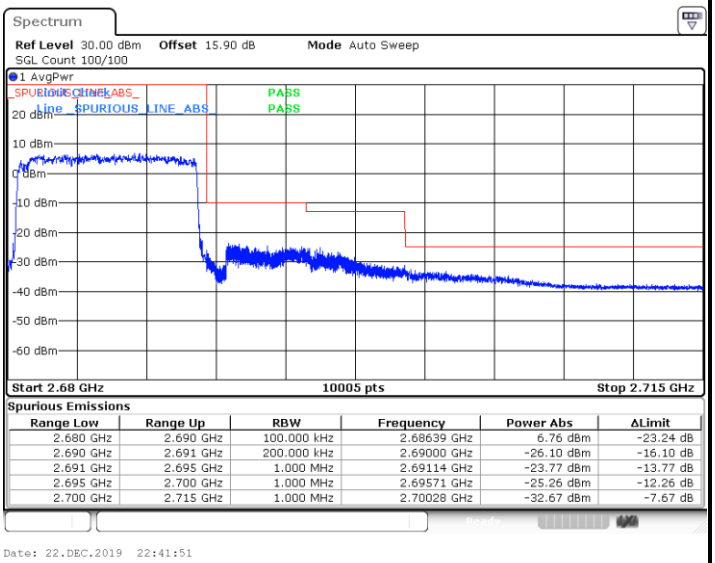



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48998 GHz | -25.21 dBm | -0.21 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49454 GHz | -24.28 dBm | -11.28 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49600 GHz | -30.57 dBm | -17.57 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.50325 GHz | 6.61 dBm | -23.39 dB |

Date: 26.DEC.2019 22:36:34

### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68639 GHz | 6.76 dBm | -23.24 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69000 GHz | -26.10 dBm | -16.10 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69114 GHz | -23.77 dBm | -13.77 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69571 GHz | -25.26 dBm | -12.26 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70028 GHz | -32.67 dBm | -7.67 dB |

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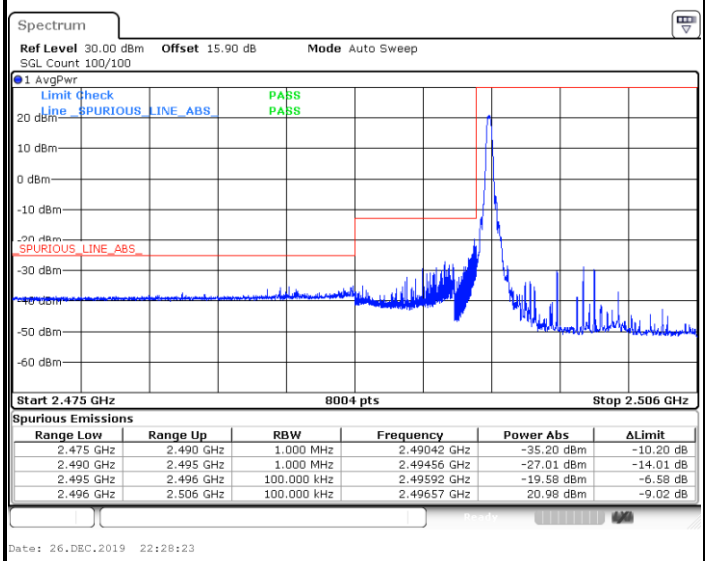
## LTE Band 41 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49042 GHz | -35.20 dBm | -10.20 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49456 GHz | -27.01 dBm | -14.01 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49592 GHz | -19.58 dBm | -6.58 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49657 GHz | 20.98 dBm | -9.02 dB |

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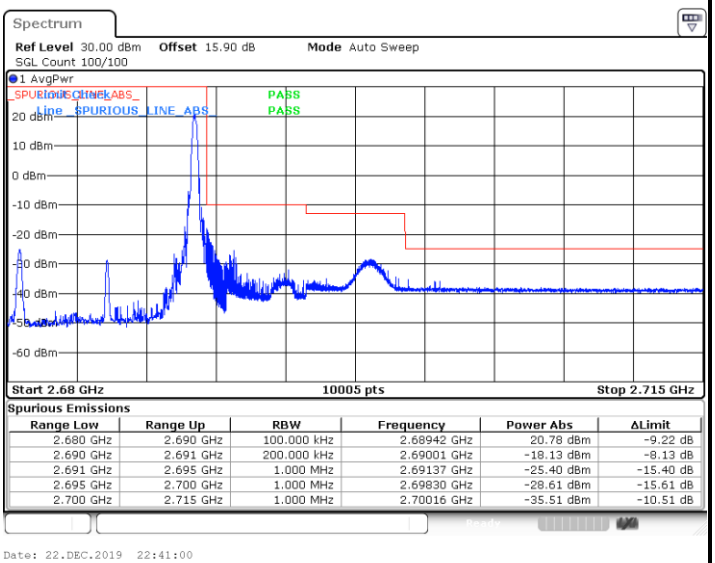
### Highest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68942 GHz | 20.78 dBm | -9.22 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69001 GHz | -18.13 dBm | -8.13 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69137 GHz | -25.40 dBm | -15.40 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69830 GHz | -28.61 dBm | -15.61 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70016 GHz | -35.51 dBm | -10.51 dB |

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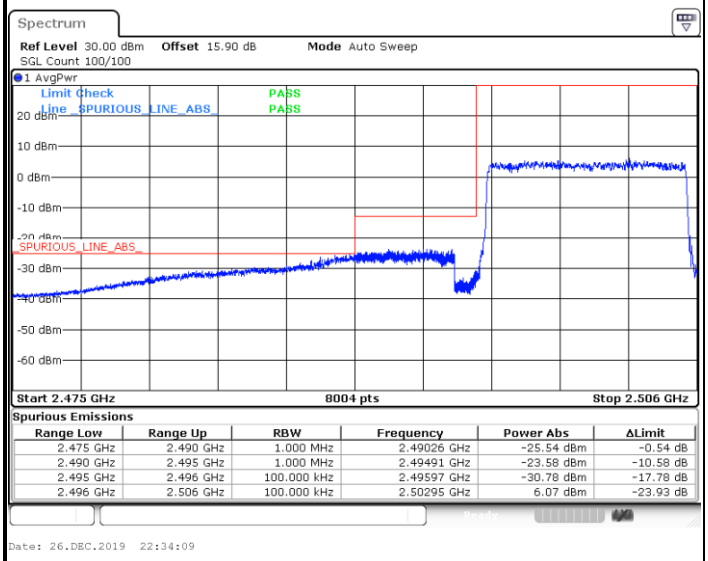
### Lowest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49026 GHz | -25.54 dBm | -0.54 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49491 GHz | -23.58 dBm | -10.58 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49597 GHz | -30.78 dBm | -17.78 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.50295 GHz | 6.07 dBm | -23.93 dB |

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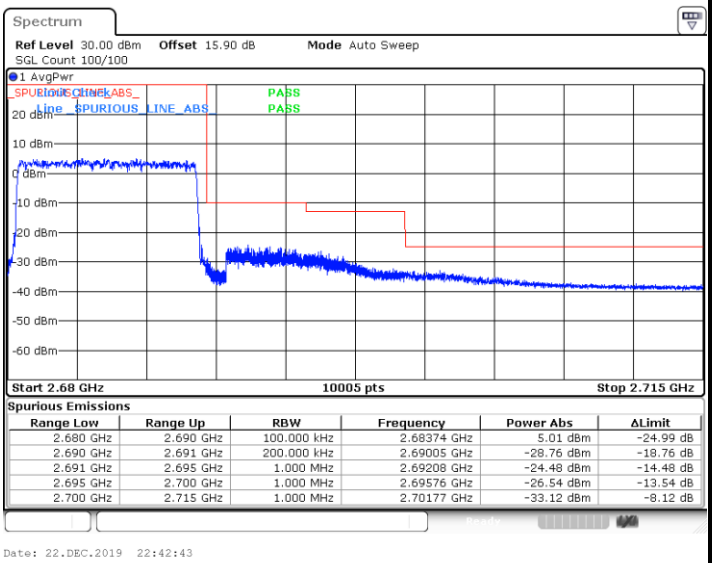
### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68374 GHz | 5.01 dBm | -24.99 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69005 GHz | -28.76 dBm | -18.76 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69208 GHz | -24.48 dBm | -14.48 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69576 GHz | -26.54 dBm | -13.54 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70177 GHz | -33.12 dBm | -8.12 dB |

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