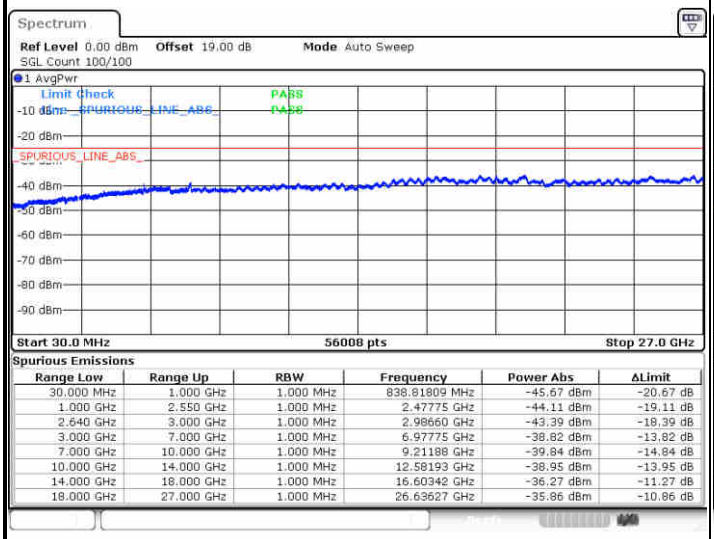
## LTE Band 38 / 20MHz

### Lowest Channel / 64QAM

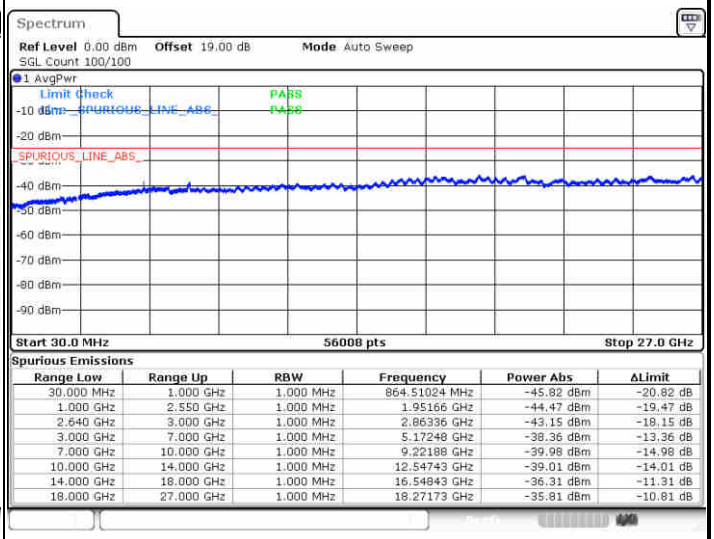



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 838.81809 MHz | -45.67 dBm | -20.67 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.47775 GHz | -44.11 dBm | -19.11 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.98660 GHz | -43.39 dBm | -18.39 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.97775 GHz | -38.82 dBm | -13.82 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.21188 GHz | -39.84 dBm | -14.84 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.58193 GHz | -38.95 dBm | -13.95 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.60342 GHz | -36.27 dBm | -11.27 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 26.63627 GHz | -35.86 dBm | -10.86 dB |

Date: 13.DEC.2019 14:17:07

### Middle Channel / 64QAM

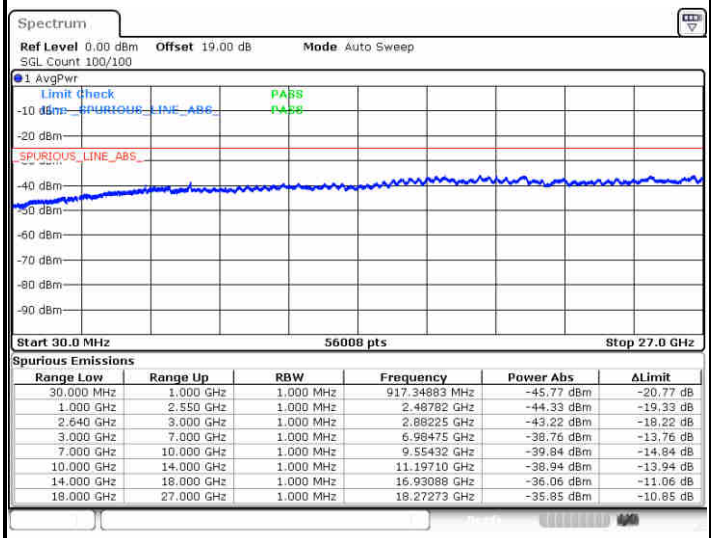



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 864.51024 MHz | -45.82 dBm | -20.82 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 1.95166 GHz | -44.47 dBm | -19.47 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.86336 GHz | -43.15 dBm | -18.15 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.17248 GHz | -38.36 dBm | -13.36 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.22188 GHz | -39.98 dBm | -14.98 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.54743 GHz | -39.01 dBm | -14.01 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.54843 GHz | -36.31 dBm | -11.31 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 18.27173 GHz | -35.81 dBm | -10.81 dB |

Date: 13.DEC.2019 14:17:53

### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 917.34883 MHz | -45.77 dBm | -20.77 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.48782 GHz | -44.33 dBm | -19.33 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.88225 GHz | -43.22 dBm | -18.22 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98475 GHz | -38.76 dBm | -13.76 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.55432 GHz | -39.84 dBm | -14.84 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 11.19710 GHz | -38.94 dBm | -13.94 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.93088 GHz | -36.06 dBm | -11.06 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 18.27273 GHz | -35.85 dBm | -10.85 dB |

Date: 13.DEC.2019 14:18:40

# Frequency Stability

| Test Conditions | | LTE Band 38 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0019 | PASS |
| 40 | Normal Voltage | 0.0073 | |
| 30 | Normal Voltage | 0.0039 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0007 | |
| 0 | Normal Voltage | 0.0077 | |
| -10 | Normal Voltage | 0.0026 | |
| -20 | Normal Voltage | 0.0001 | |
| -30 | Normal Voltage | 0.0073 | |
| 20 | Maximum Voltage | 0.0030 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0008 | |

**Note:**

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

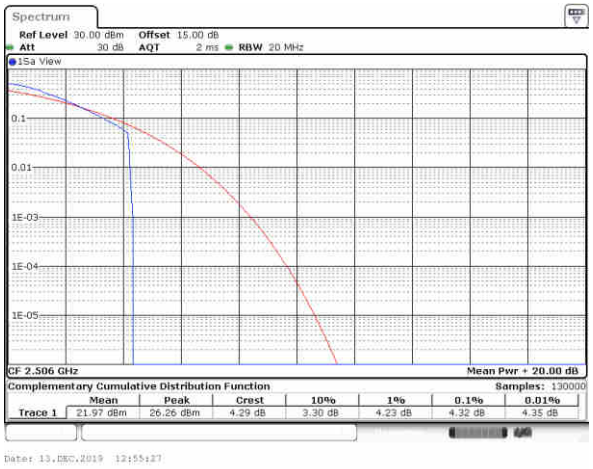
# LTE Band 41

## Peak-to-Average Ratio

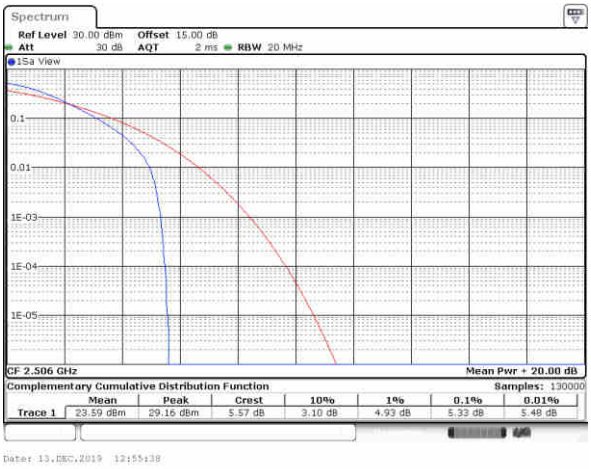
| Mode | LTE Band 41 / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 4.32 | 5.33 | 5.59 | 7.59 | PASS |
| Middle CH | 5.39 | 5.80 | 6.06 | 6.90 | |
| Highest CH | 4.70 | 7.13 | 6.43 | 7.01 | |
| Mode | LTE Band 41 / 20MHz | | | | |
| Mod. | 64QAM | | - | | Limit: 13dB |
| RB Size | 1RB | Full RB | - | - | Result |
| Lowest CH | 5.42 | 6.38 | - | - | PASS |
| Middle CH | 5.65 | 7.59 | - | - | |
| Highest CH | 5.48 | 6.20 | - | - | |

## LTE Band 41 / 20MHz / QPSK

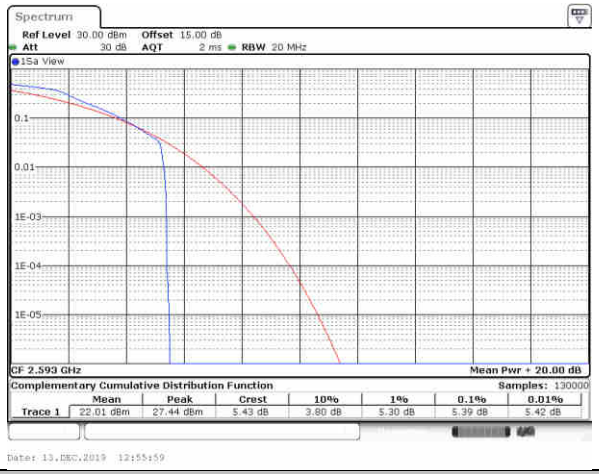
### Lowest Channel / 1RB



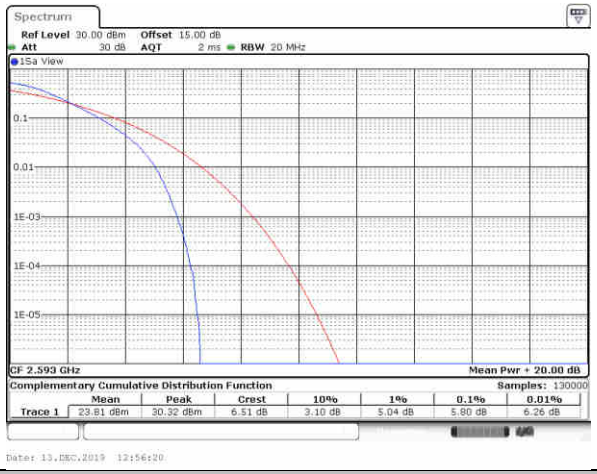

### Lowest Channel / Full RB



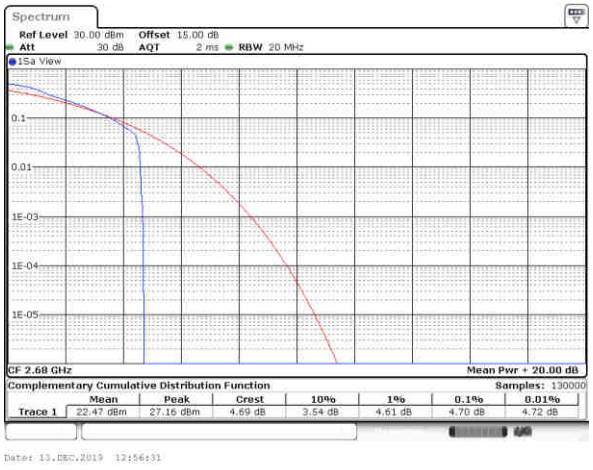

### Middle Channel / 1RB



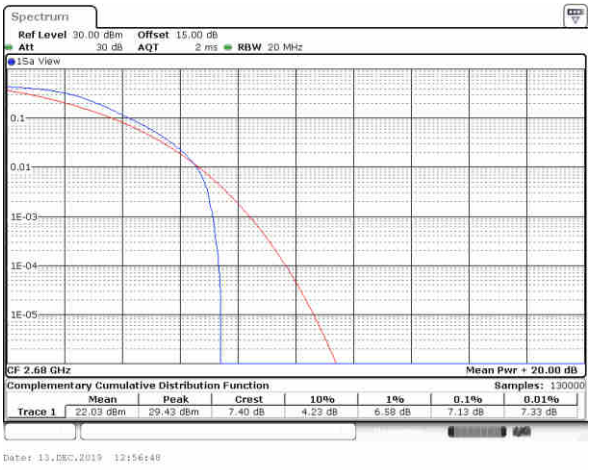

### Middle Channel / Full RB




### Highest Channel / 1RB

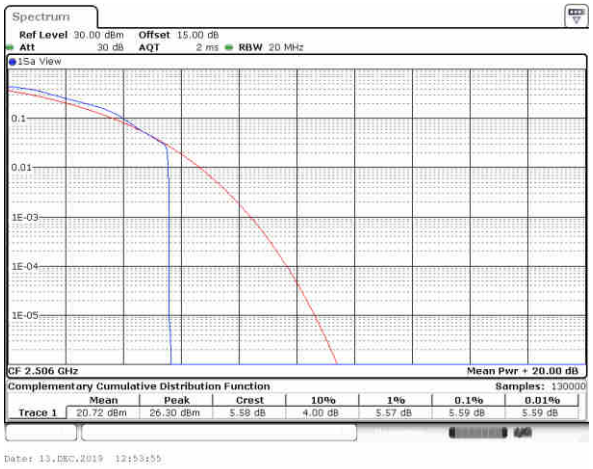



### Highest Channel / Full RB

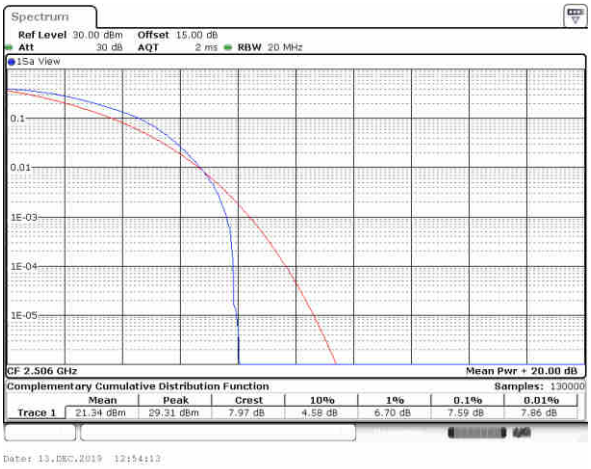


## LTE Band 41 / 20MHz / 16QAM

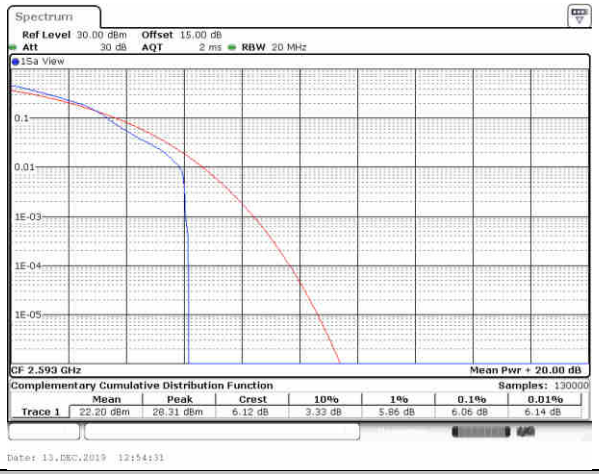
### Lowest Channel / 1RB



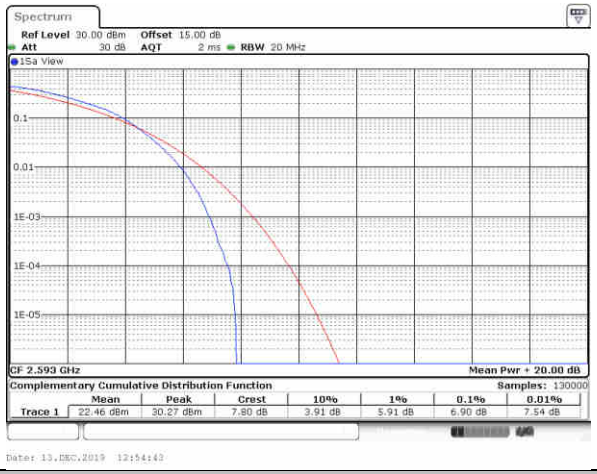

### Lowest Channel / Full RB



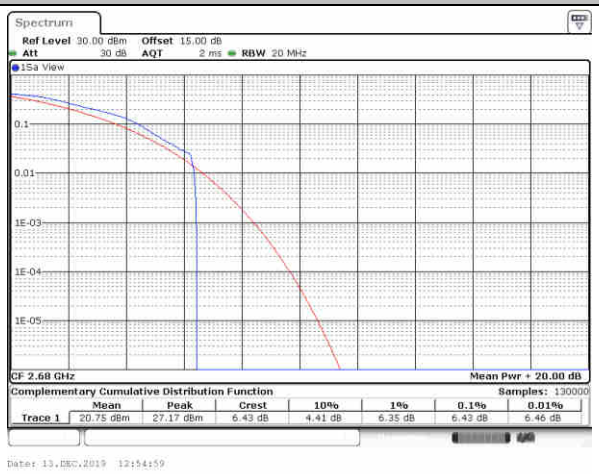

### Middle Channel / 1RB



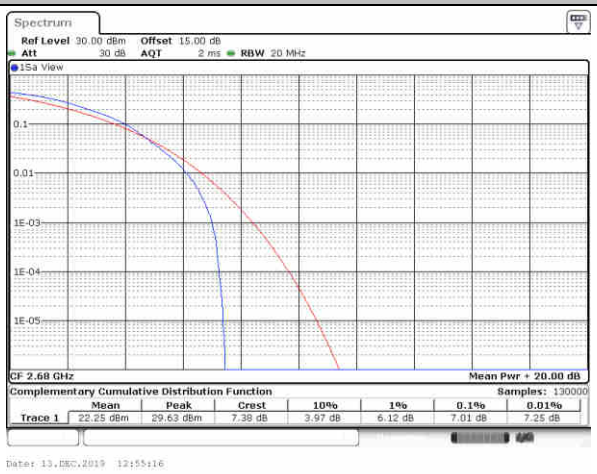

### Middle Channel / Full RB




### Highest Channel / 1RB

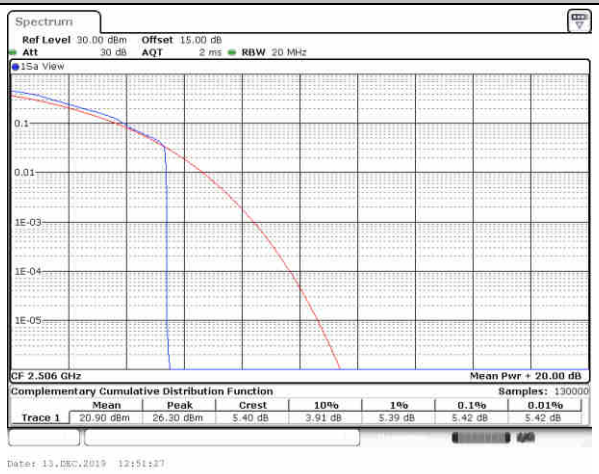



### Highest Channel / Full RB

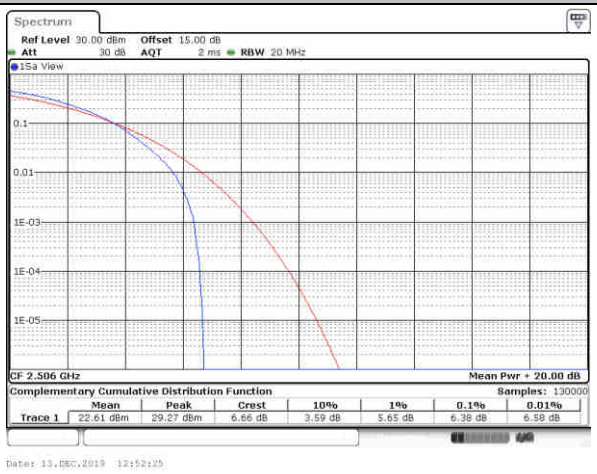


## LTE Band 41 / 20MHz / 64QAM

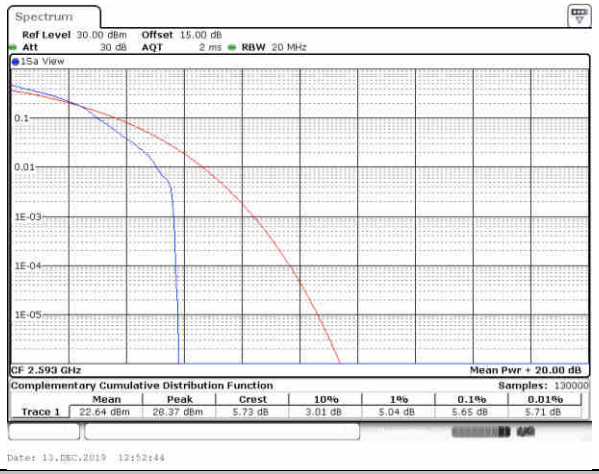
### Lowest Channel / 1RB



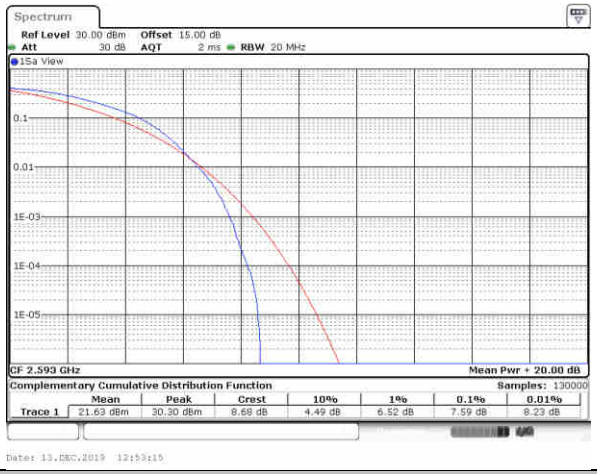

### Lowest Channel / Full RB



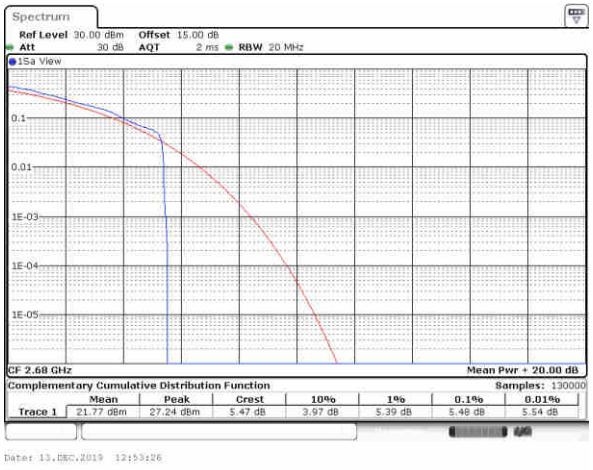

### Middle Channel / 1RB



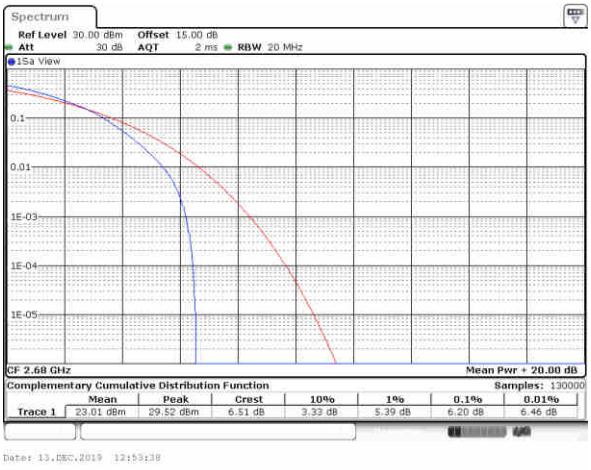

### Middle Channel / Full RB




### Highest Channel / 1RB




### Highest Channel / Full RB



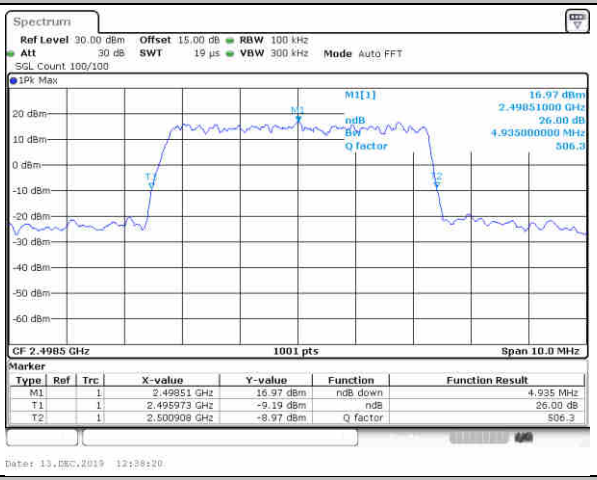
# 26dB Bandwidth

| Mode | LTE Band 41 : 26dB BW(MHz) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 4.94 | 4.80 | 9.73 | 9.81 | 14.48 | 14.24 | 19.14 | 19.02 |
| Middle CH | 4.73 | 4.82 | 9.65 | 9.75 | 14.27 | 14.51 | 18.66 | 18.86 |
| Highest CH | 4.79 | 4.93 | 9.79 | 9.73 | 14.42 | 14.21 | 18.66 | 18.74 |

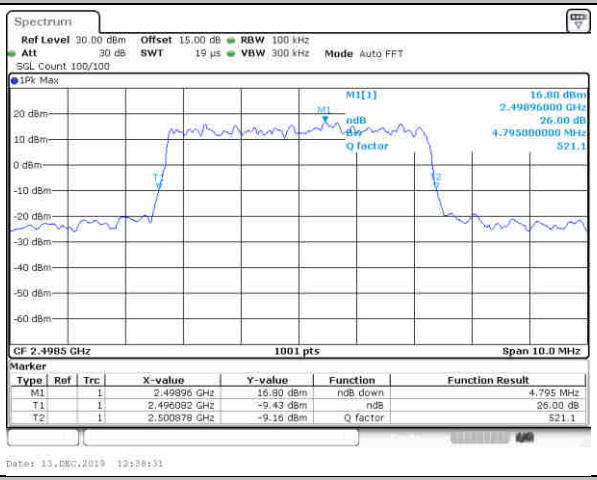
| Mode | LTE Band 41 : 26dB BW(MHz) | | | |
|---|---|---|---|---|
| BW | 5MHz | 10MHz | 15MHz | 20MHz |
| Mod. | 64QAM | 64QAM | 64QAM | 64QAM |
| Lowest CH | 4.76 | 9.87 | 14.12 | 18.66 |
| Middle CH | 4.82 | 9.65 | 14.33 | 18.74 |
| Highest CH | 4.73 | 9.65 | 14.18 | 18.70 |

## LTE Band 41

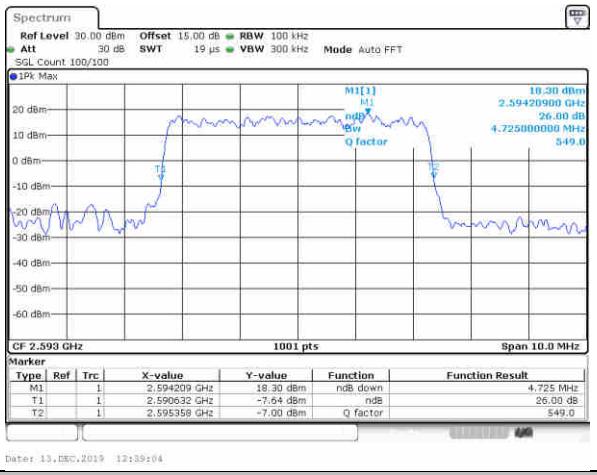
### Lowest Channel / 5MHz / QPSK



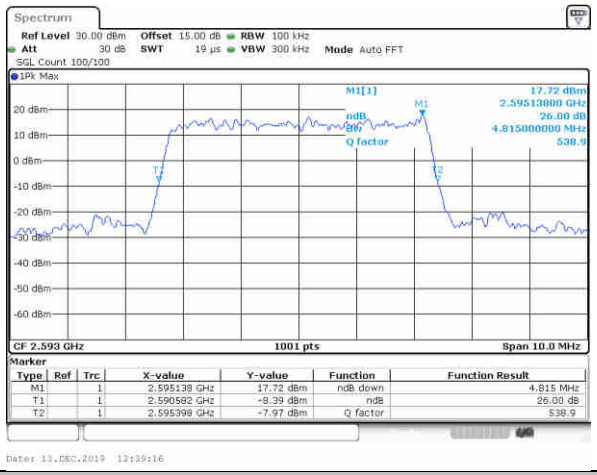

### Lowest Channel / 5MHz / 16QAM



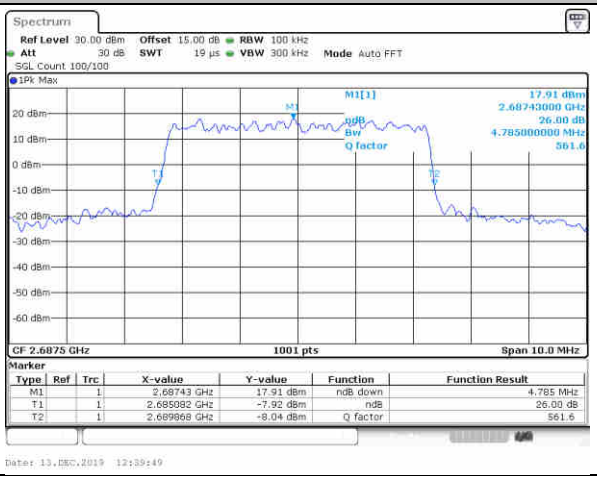

### Middle Channel / 5MHz / QPSK



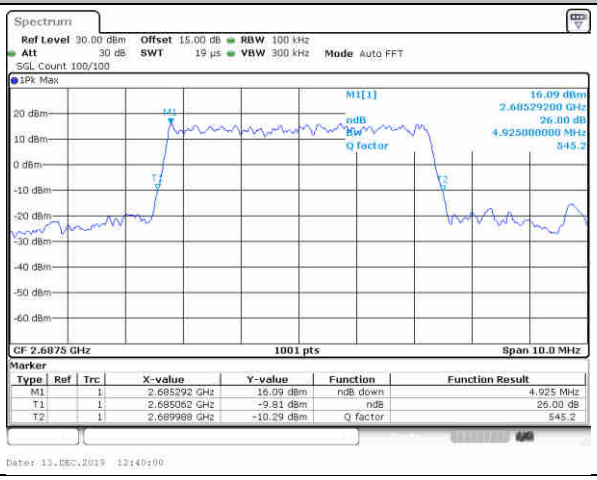

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

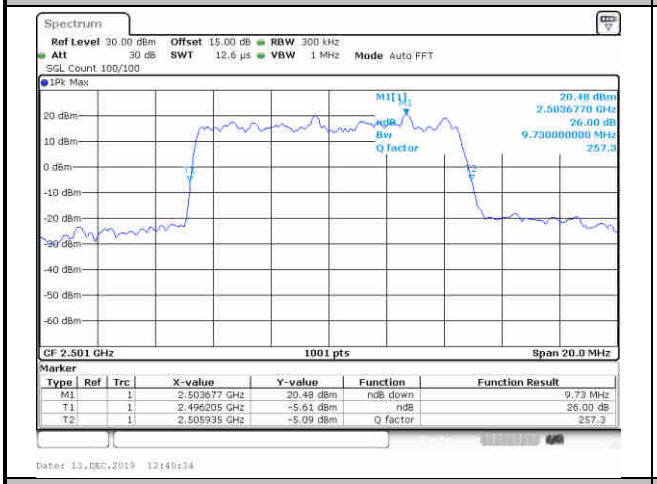



### Highest Channel / 5MHz / 16QAM

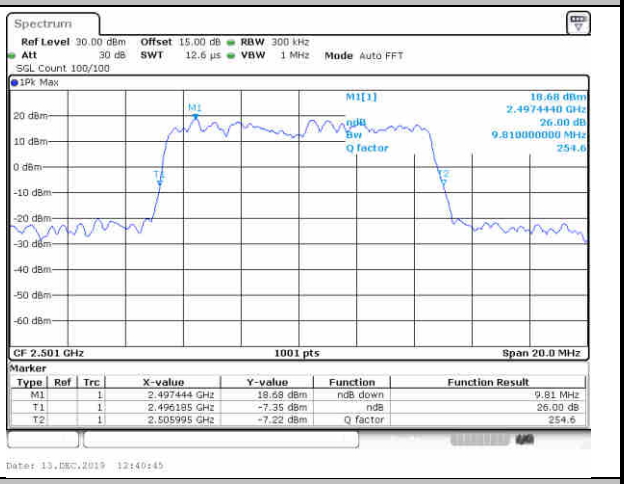


## LTE Band 41

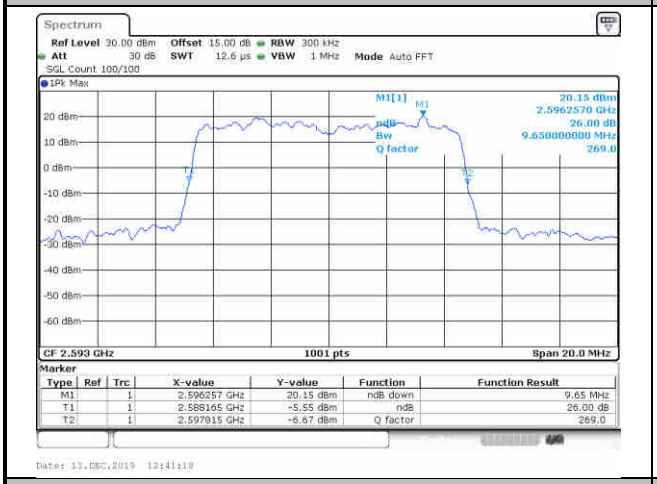
### Lowest Channel / 10MHz / QPSK



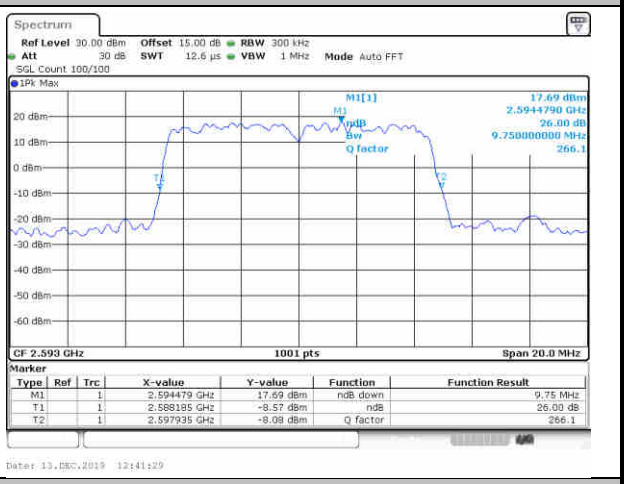

### Lowest Channel / 10MHz / 16QAM



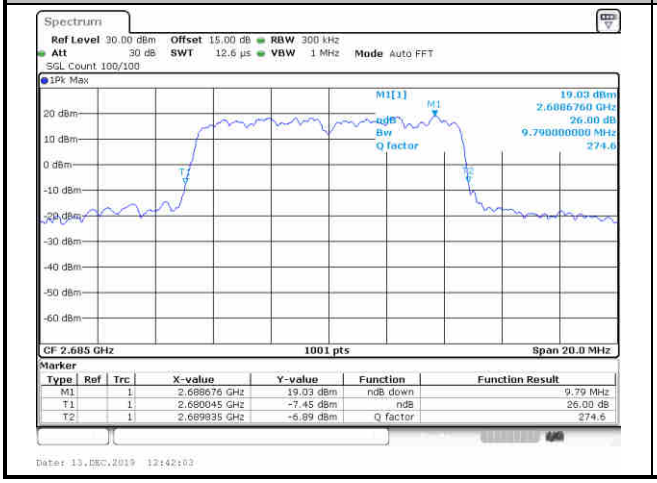

### Middle Channel / 10MHz / QPSK



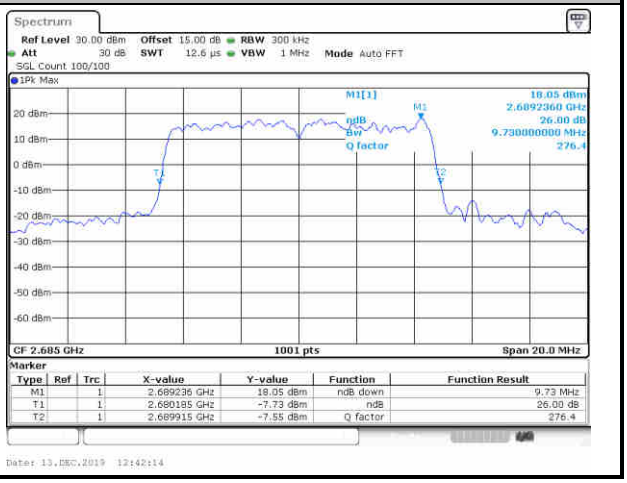

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

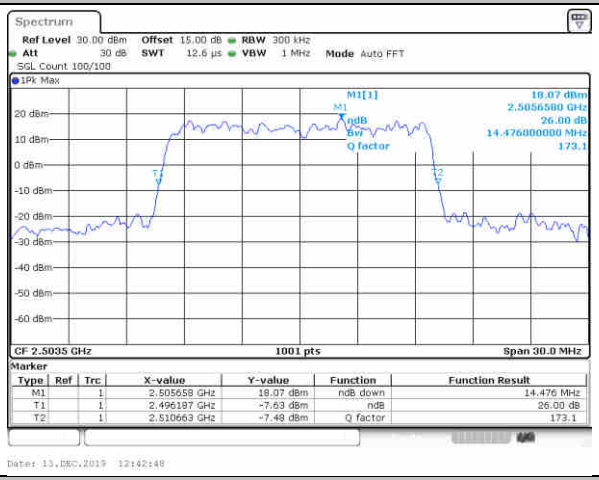



### Highest Channel / 10MHz / 16QAM

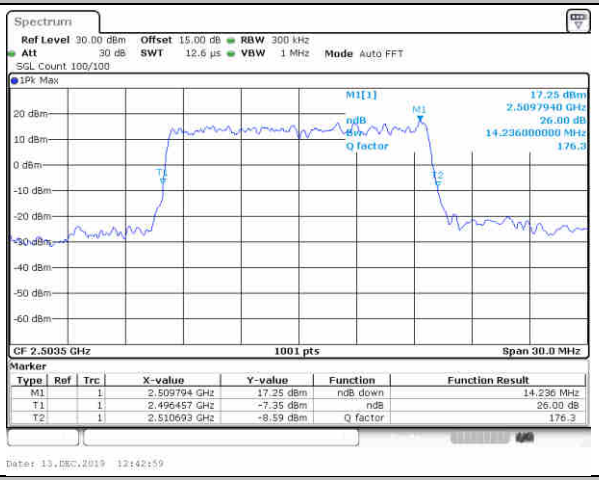


## LTE Band 41

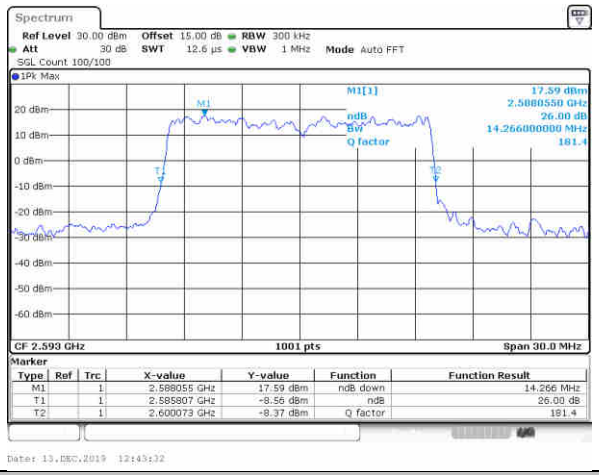
### Lowest Channel / 15MHz / QPSK



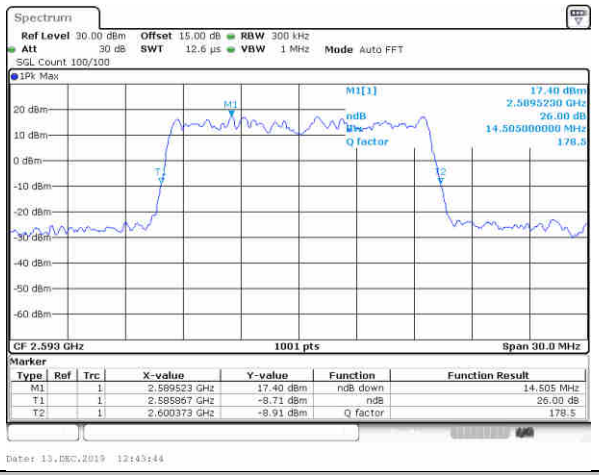

### Lowest Channel / 15MHz / 16QAM



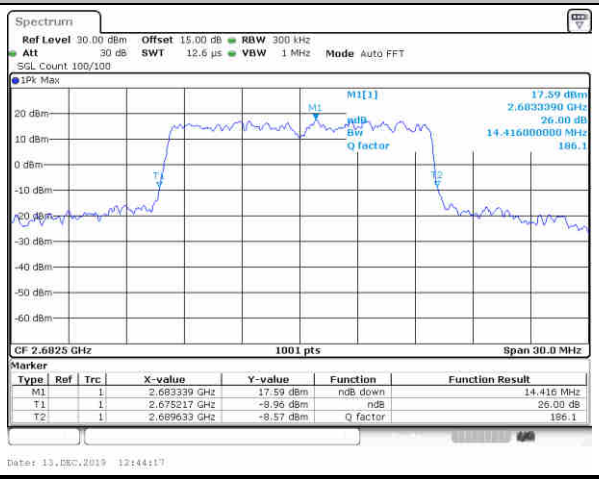

### Middle Channel / 15MHz / QPSK



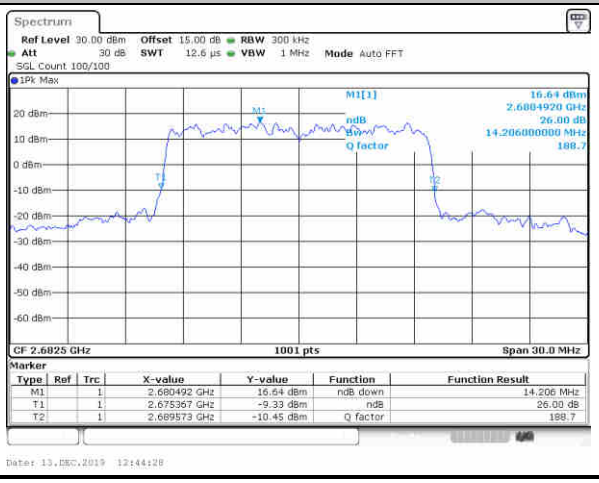

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

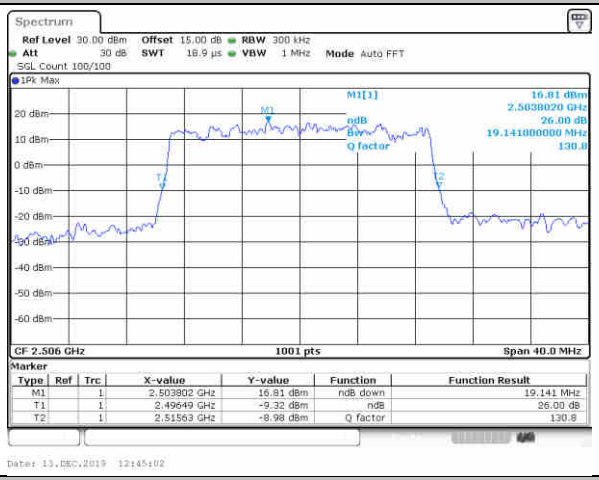



### Highest Channel / 15MHz / 16QAM

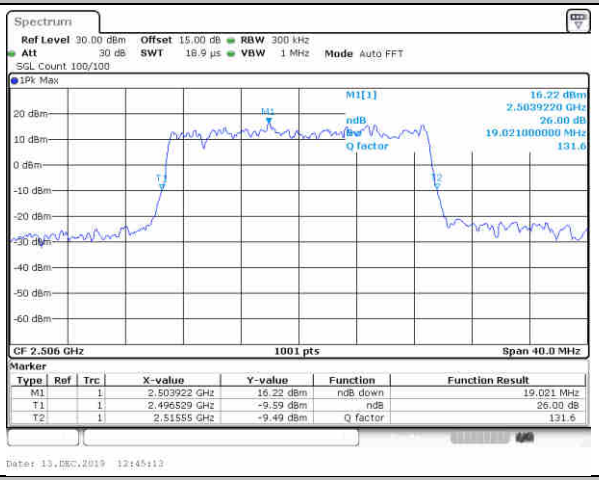


## LTE Band 41

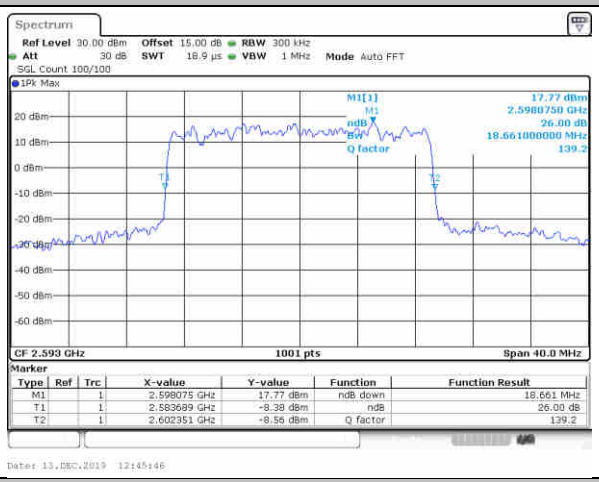
### Lowest Channel / 20MHz / QPSK



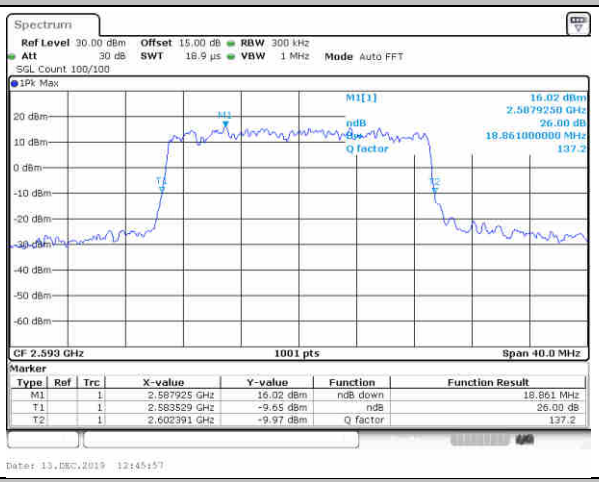

### Lowest Channel / 20MHz / 16QAM



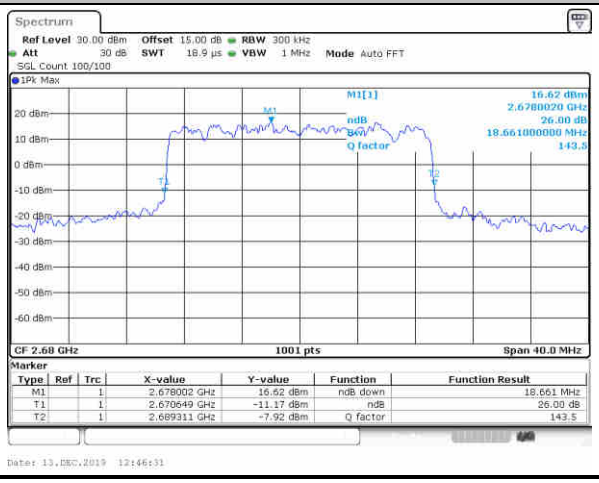

### Middle Channel / 20MHz / QPSK



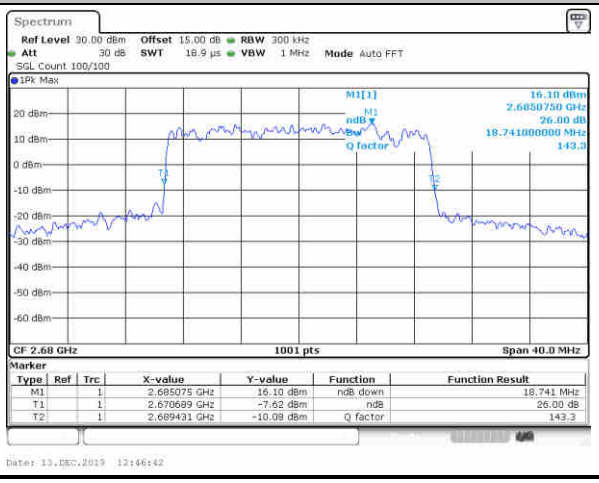

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

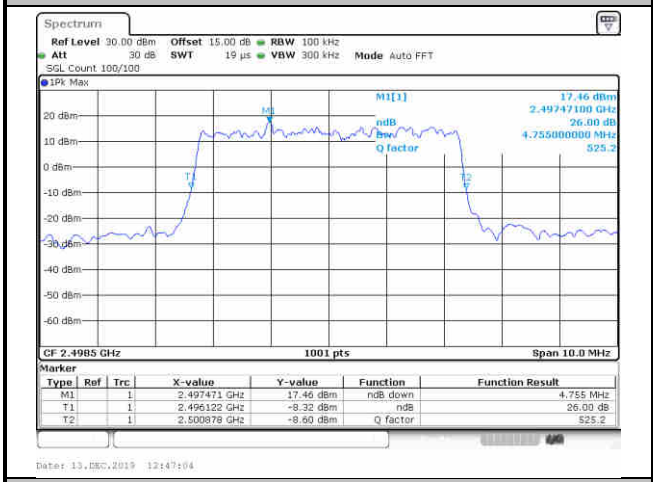



### Highest Channel / 20MHz / 16QAM

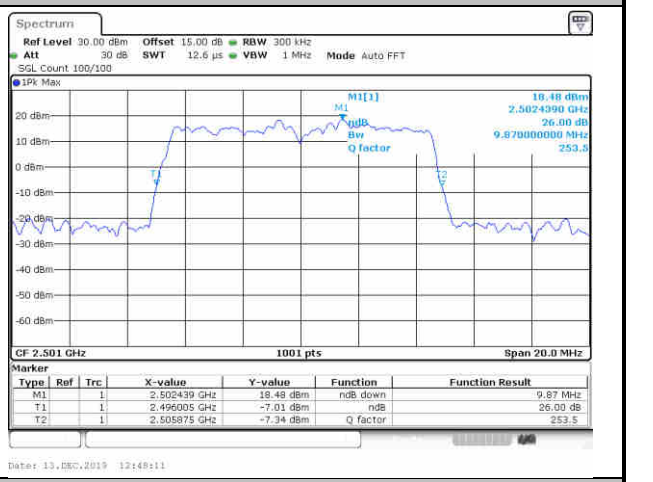


## LTE Band 41

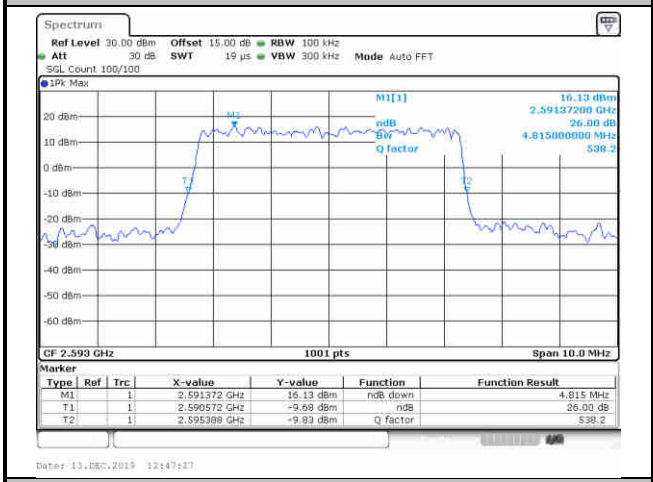
### Lowest Channel / 5MHz / 64QAM



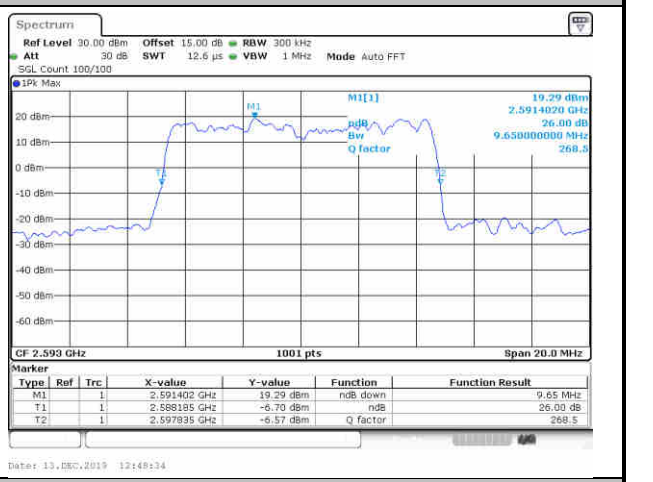

### Lowest Channel / 10MHz / 64QAM



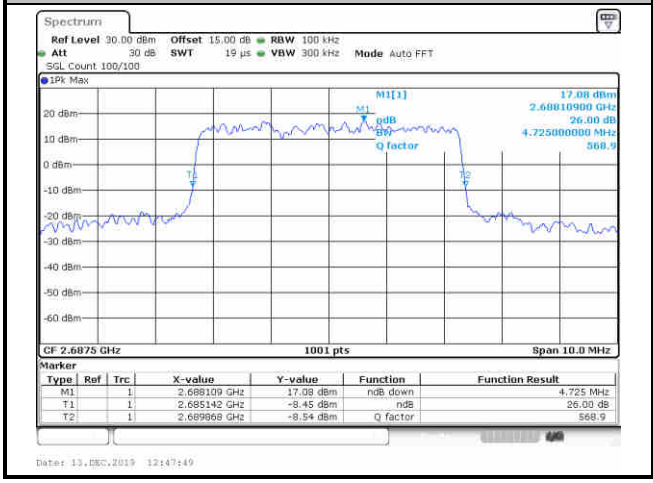

### Middle Channel / 5MHz / 64QAM



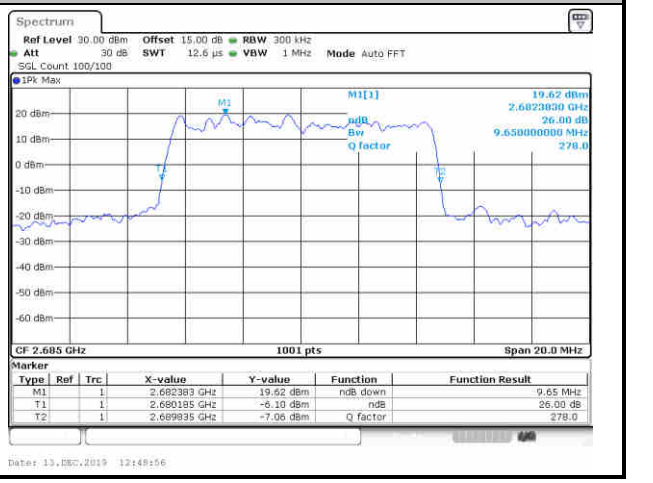

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM

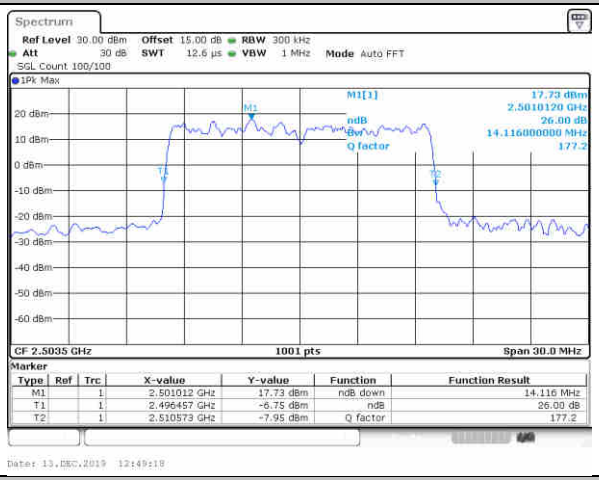



### Highest Channel / 10MHz / 64QAM

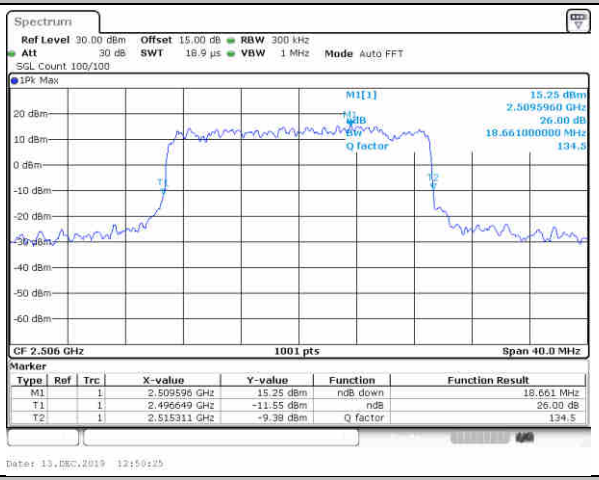


## LTE Band 41

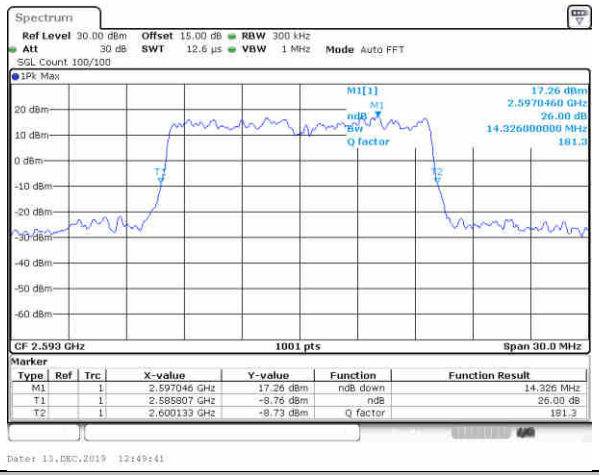
### Lowest Channel / 15MHz / 64QAM



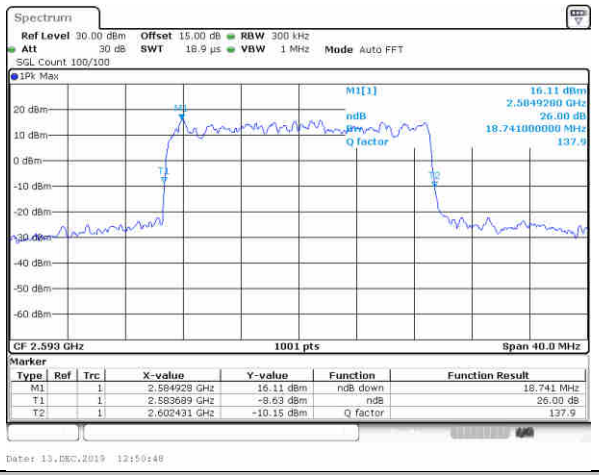

### Lowest Channel / 20MHz / 64QAM



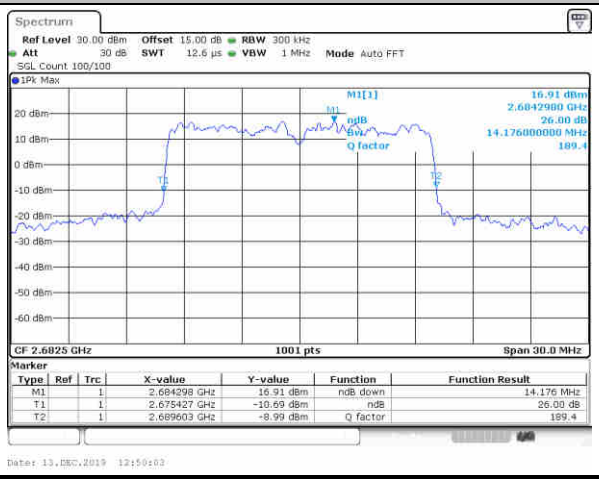

### Middle Channel / 15MHz / 64QAM



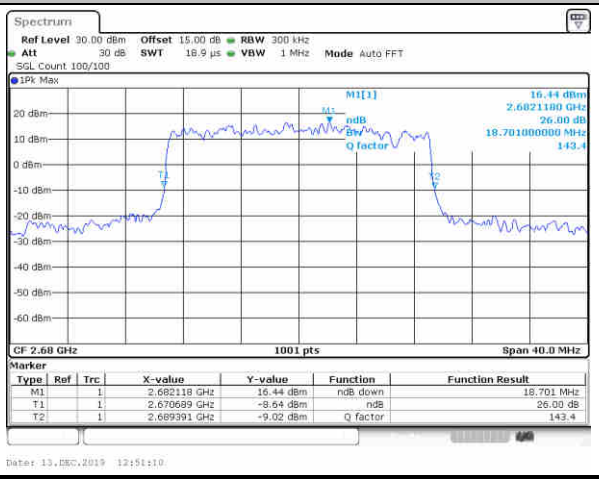

### Middle Channel / 20MHz / 64QAM




### Highest Channel / 15MHz / 64QAM




### Highest Channel / 20MHz / 64QAM



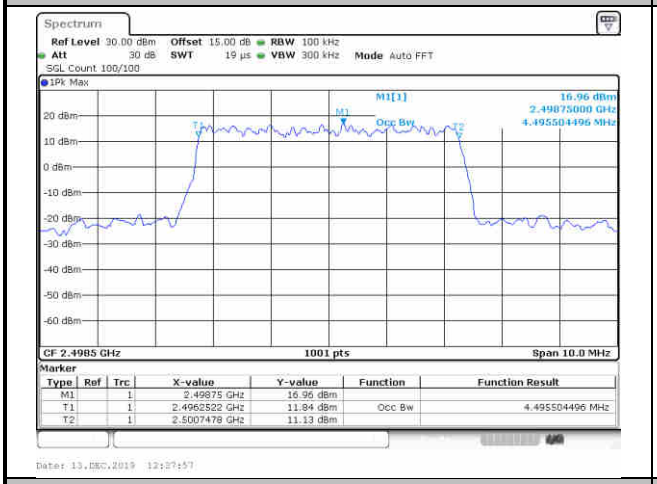
# Occupied Bandwidth

| Mode | LTE Band 41 : 99%OBW(MHz) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 4.50 | 4.50 | 8.99 | 8.99 | 13.40 | 13.37 | 17.82 | 17.82 |
| Middle CH | 4.48 | 4.48 | 8.99 | 8.97 | 13.43 | 13.46 | 17.90 | 17.90 |
| Highest CH | 4.50 | 4.51 | 9.05 | 9.05 | 13.43 | 13.43 | 17.82 | 17.82 |

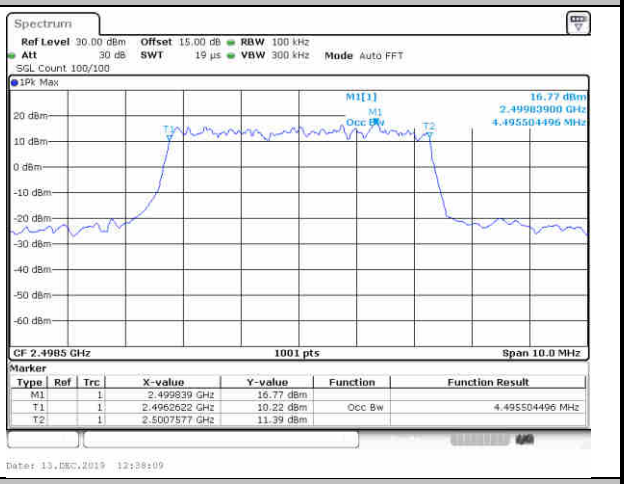
| Mode | LTE Band 41 : 99%OBW(MHz) | | | |
|---|---|---|---|---|
| BW | 5MHz | 10MHz | 15MHz | 20MHz |
| Mod. | 64QAM | 64QAM | 64QAM | 64QAM |
| Lowest CH | 4.48 | 9.05 | 13.46 | 17.86 |
| Middle CH | 4.48 | 8.99 | 13.49 | 17.86 |
| Highest CH | 4.48 | 8.99 | 13.43 | 17.86 |

## LTE Band 41

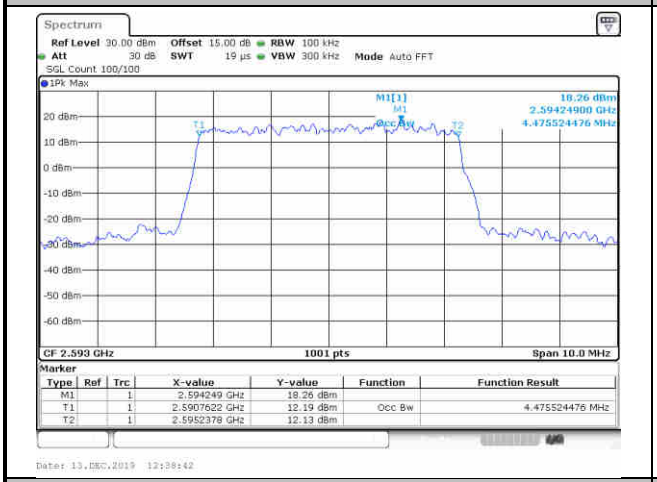
### Lowest Channel / 5MHz / QPSK



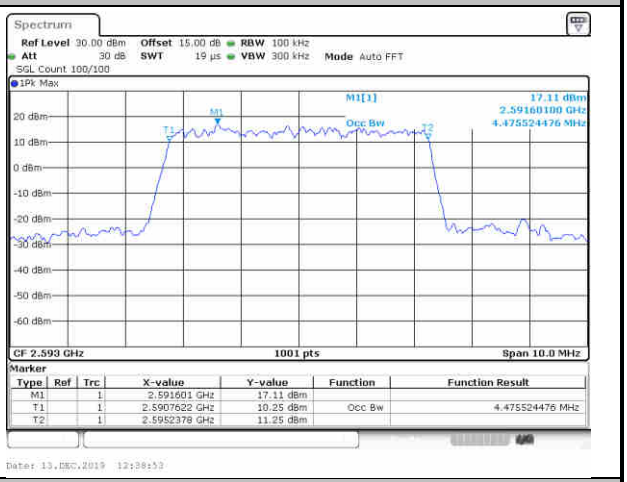

### Lowest Channel / 5MHz / 16QAM



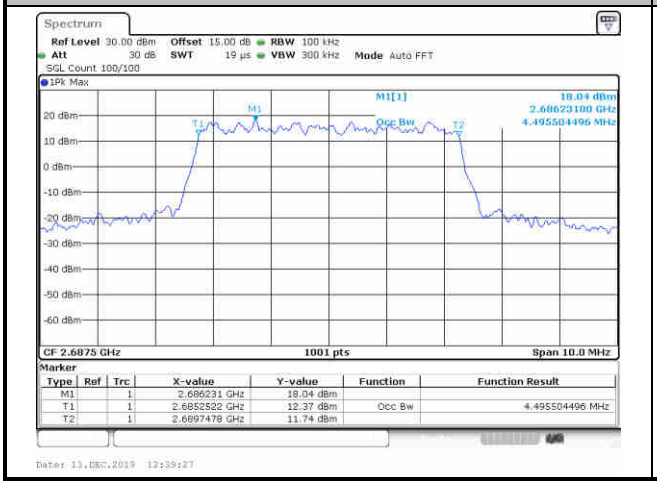

### Middle Channel / 5MHz / QPSK



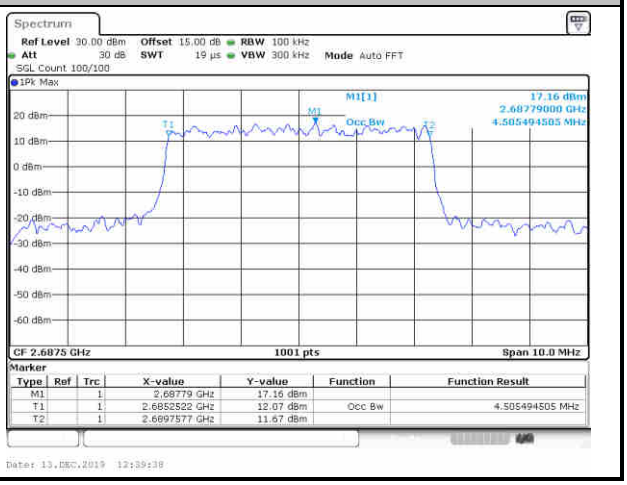

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

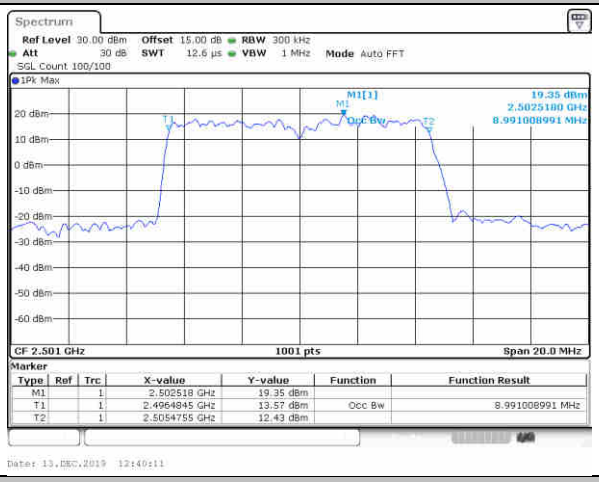



### Highest Channel / 5MHz / 16QAM

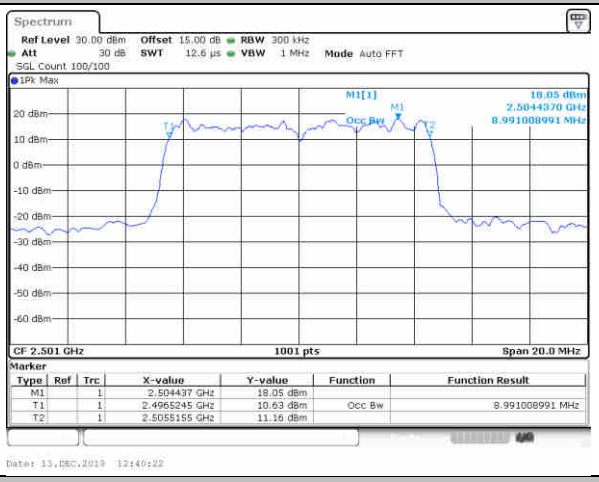


## LTE Band 41

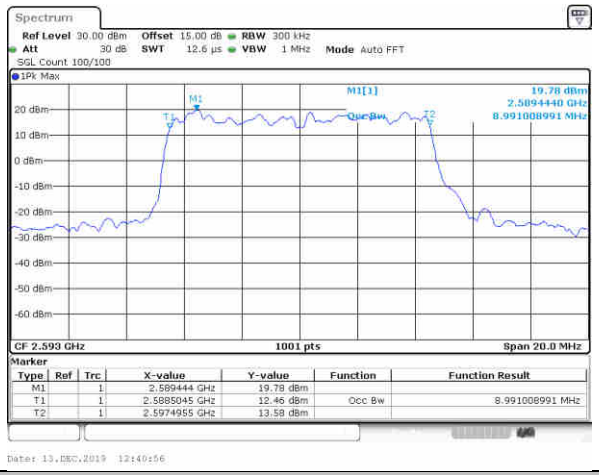
### Lowest Channel / 10MHz / QPSK



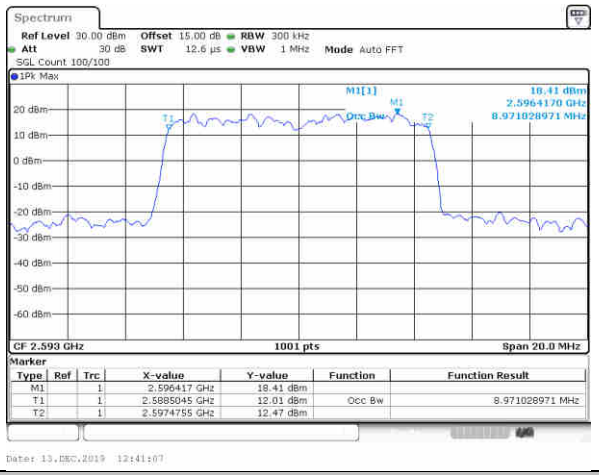

### Lowest Channel / 10MHz / 16QAM



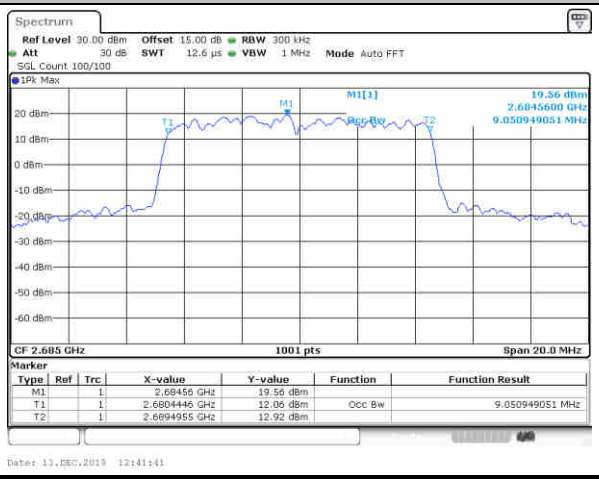

### Middle Channel / 10MHz / QPSK



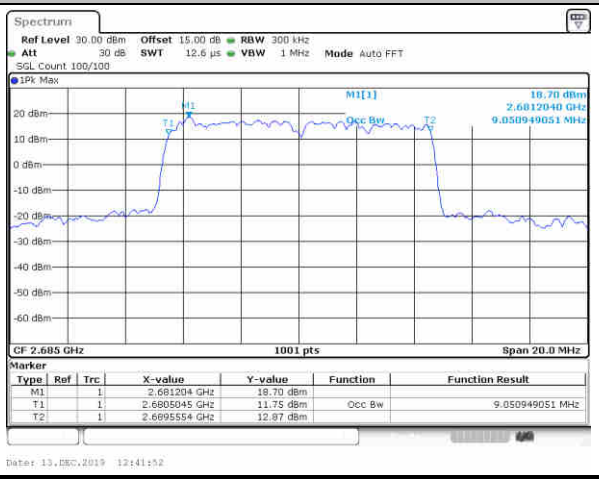

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

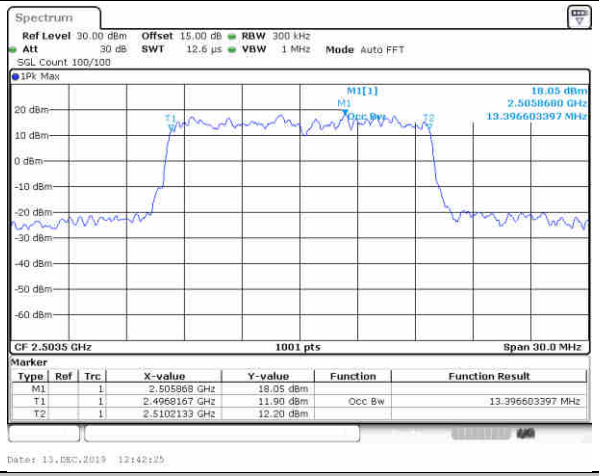



### Highest Channel / 10MHz / 16QAM

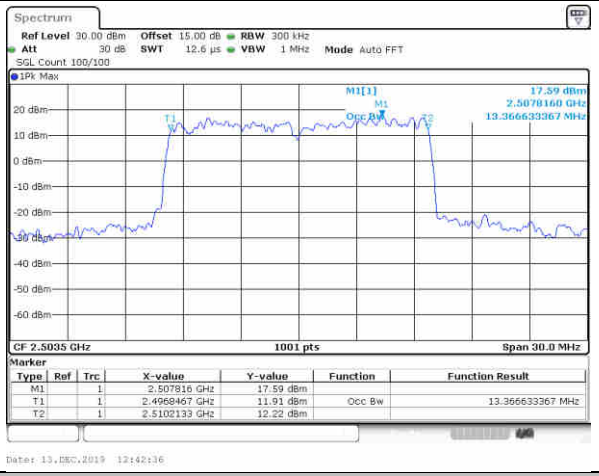


## LTE Band 41

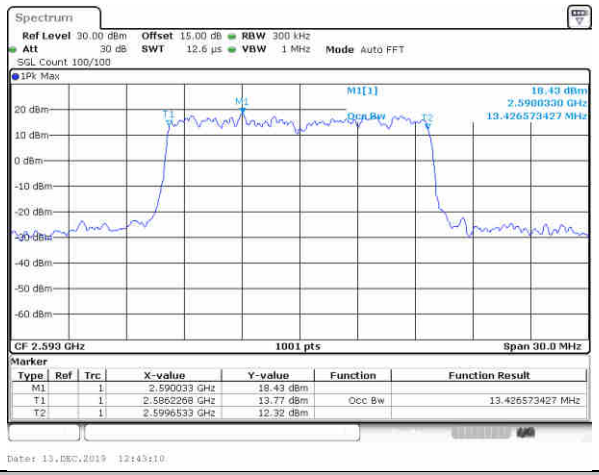
### Lowest Channel / 15MHz / QPSK



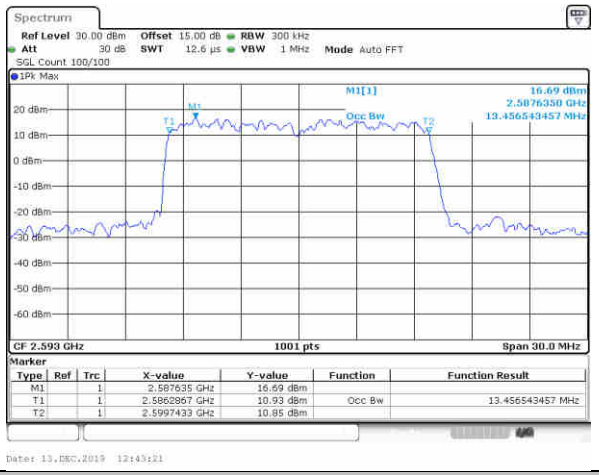

### Lowest Channel / 15MHz / 16QAM



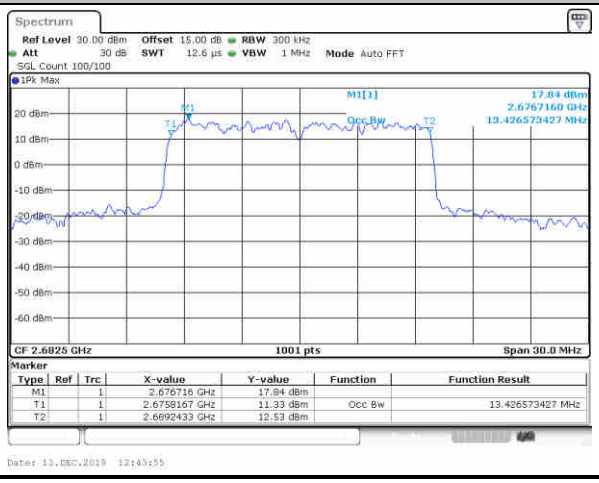

### Middle Channel / 15MHz / QPSK



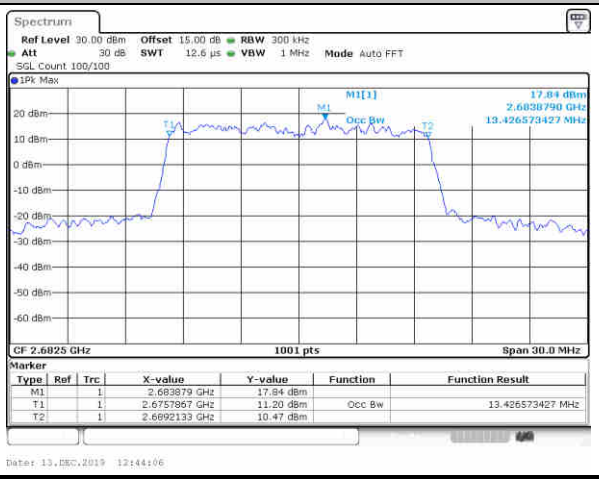

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

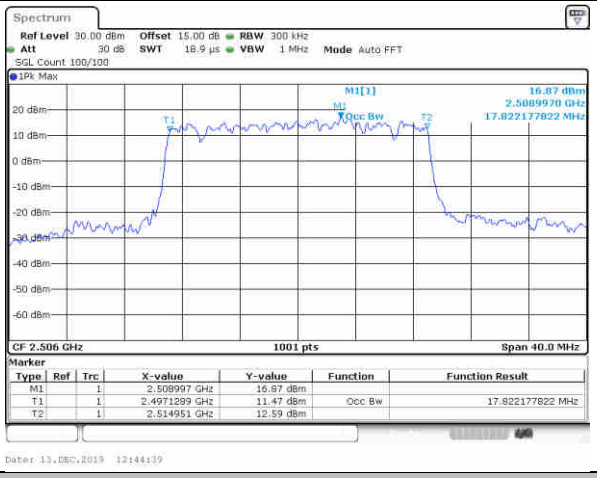



### Highest Channel / 15MHz / 16QAM

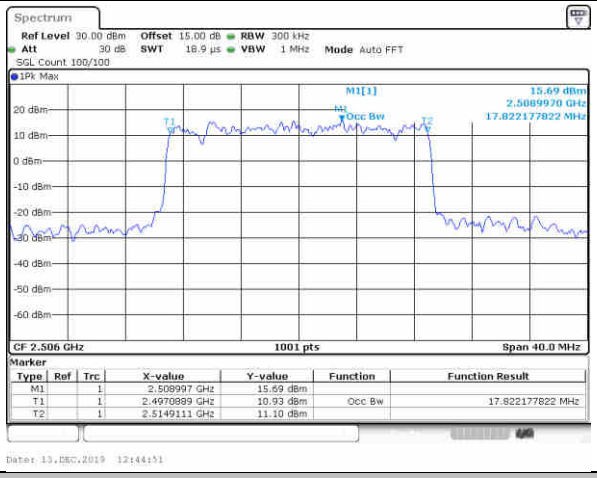


## LTE Band 41

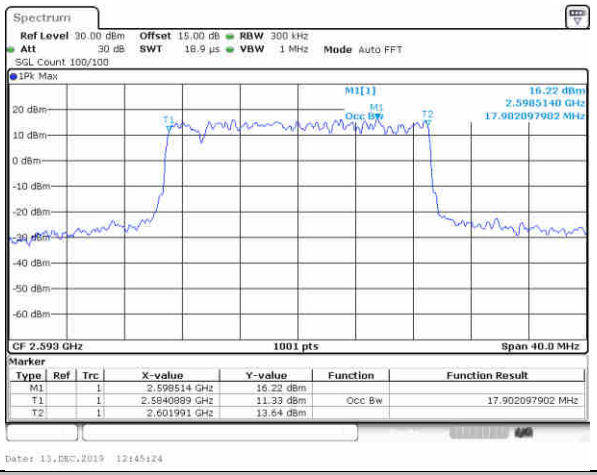
### Lowest Channel / 20MHz / QPSK



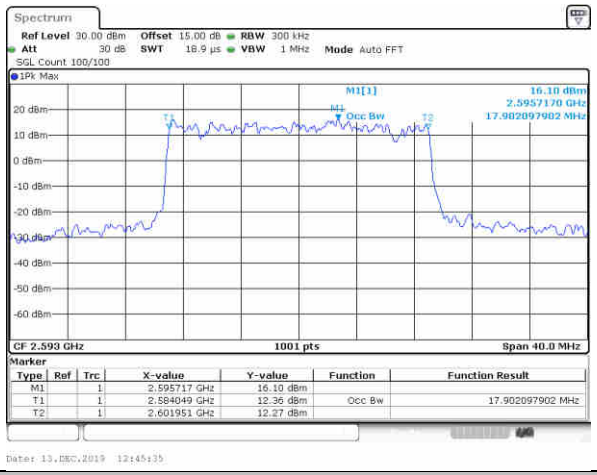

### Lowest Channel / 20MHz / 16QAM



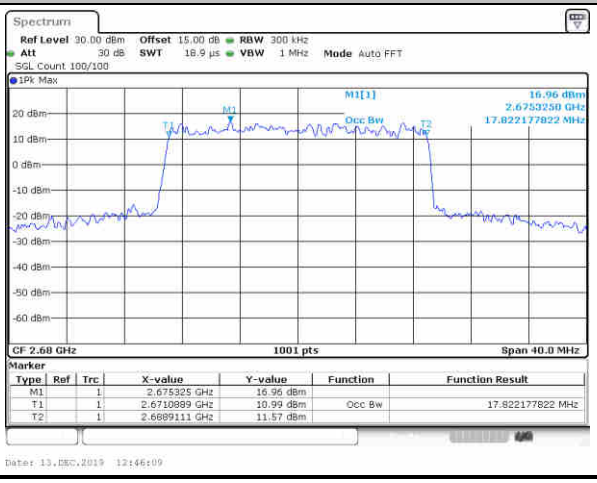

### Middle Channel / 20MHz / QPSK



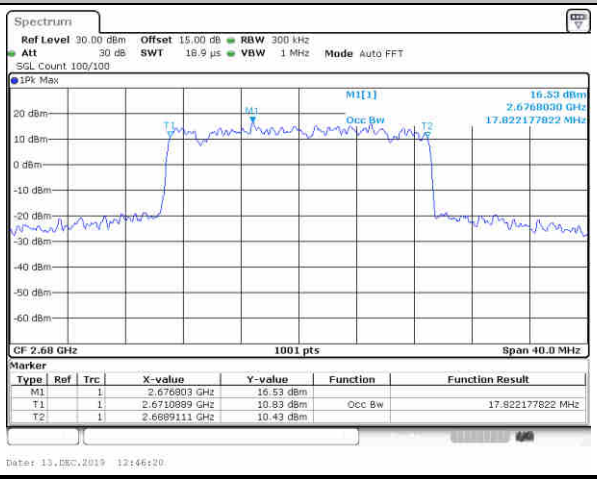

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

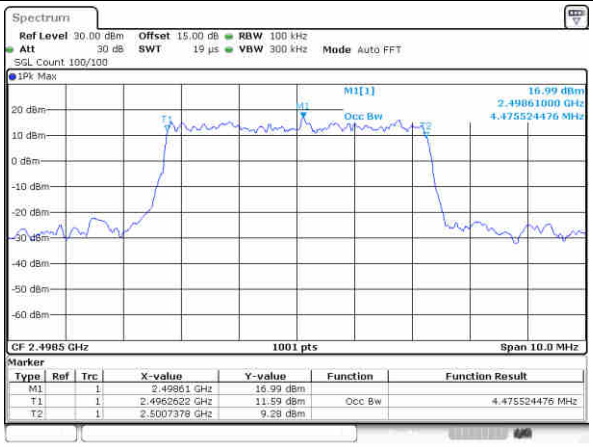



### Highest Channel / 20MHz / 16QAM

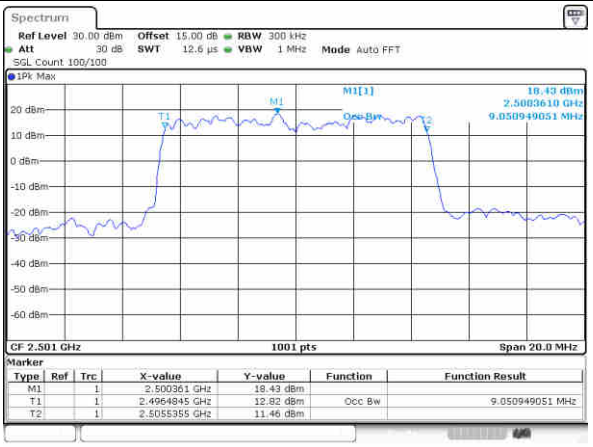


## LTE Band 41

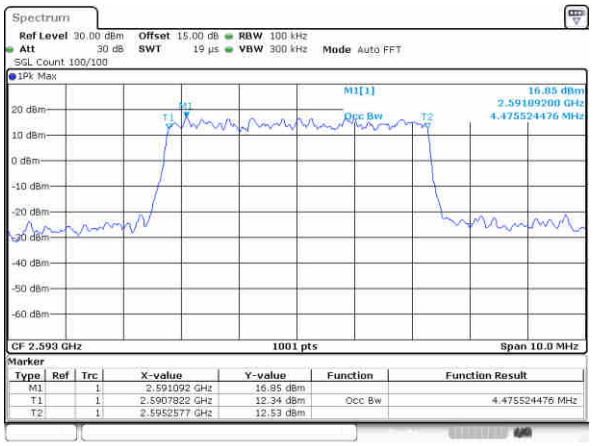
### Lowest Channel / 5MHz / 64QAM



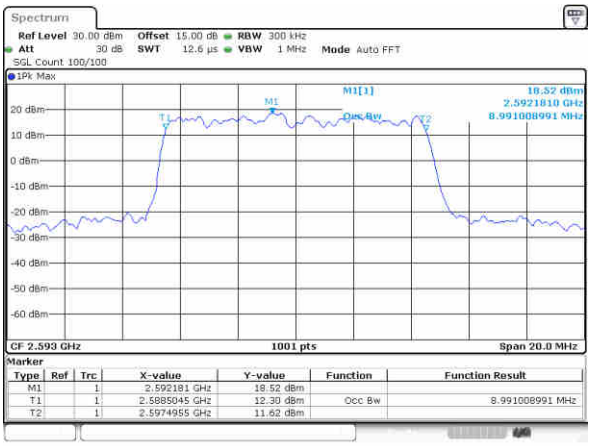

### Lowest Channel / 10MHz / 64QAM



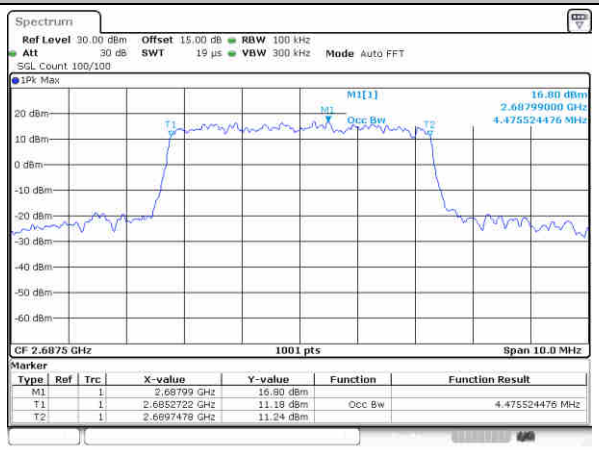

### Middle Channel / 5MHz / 64QAM



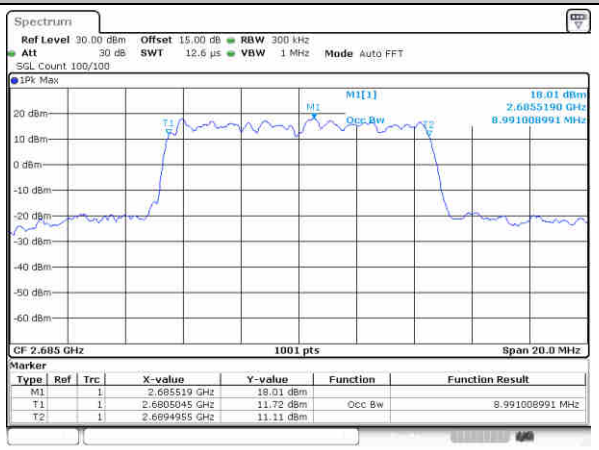

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM

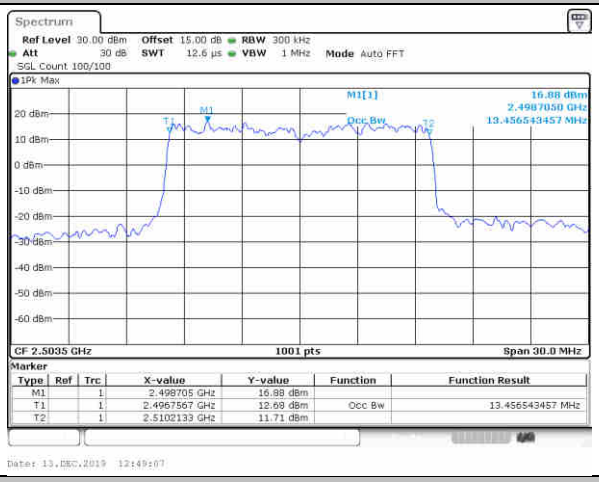



### Highest Channel / 10MHz / 64QAM

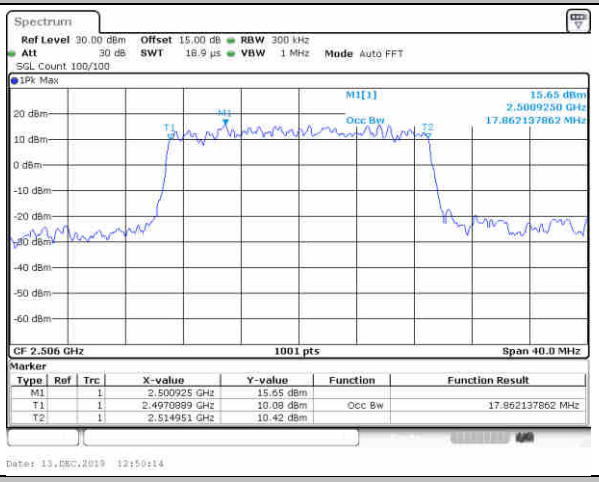


## LTE Band 41

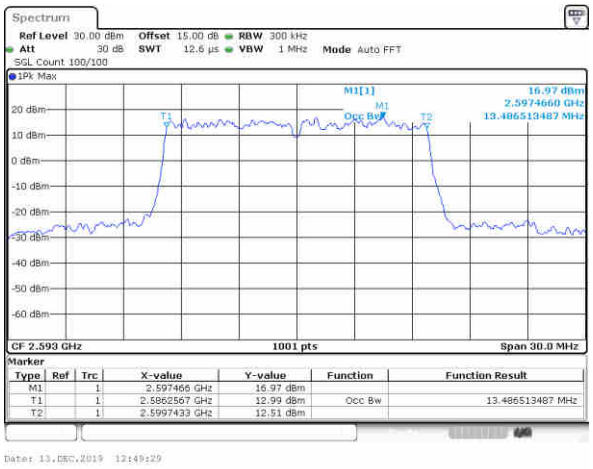
### Lowest Channel / 15MHz / 64QAM



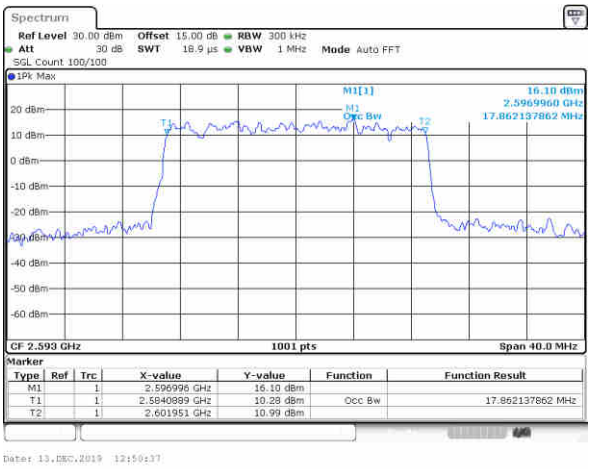

### Lowest Channel / 20MHz / 64QAM



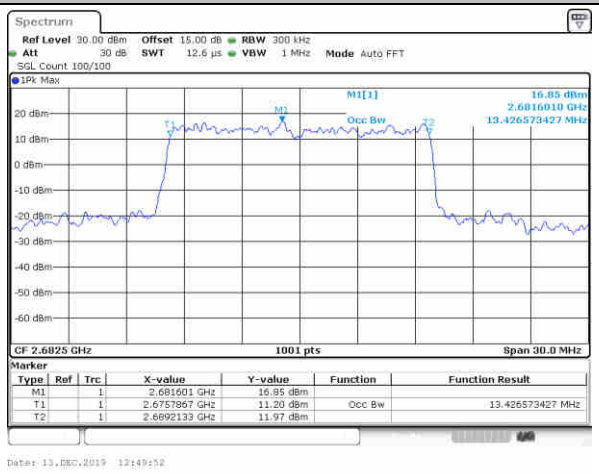

### Middle Channel / 15MHz / 64QAM



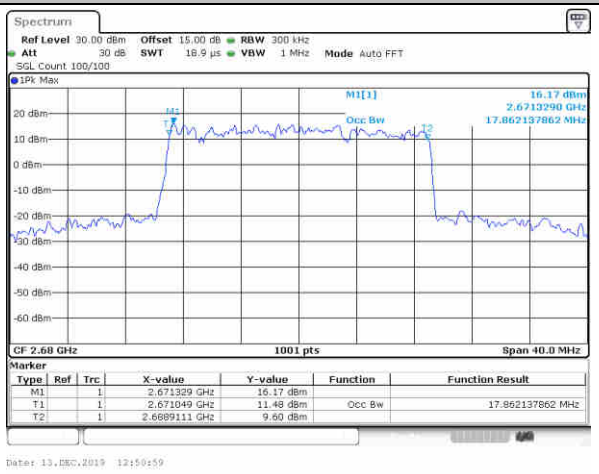

### Middle Channel / 20MHz / 64QAM




### Highest Channel / 15MHz / 64QAM



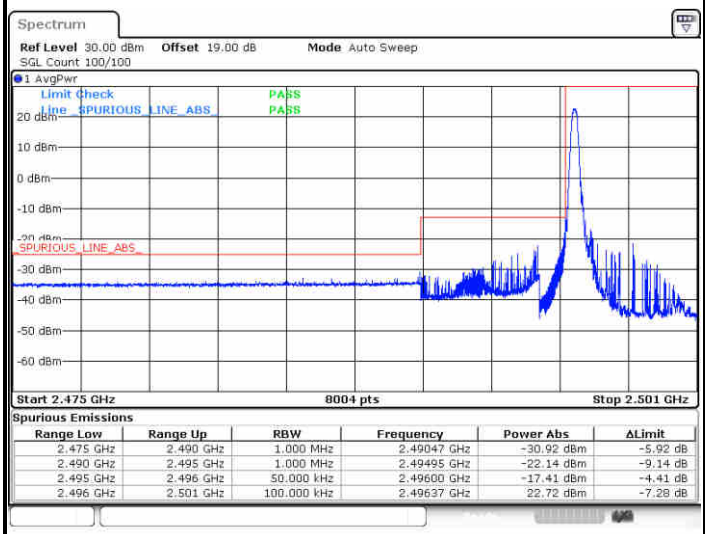

### Highest Channel / 20MHz / 64QAM



# Conducted Band Edge

## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

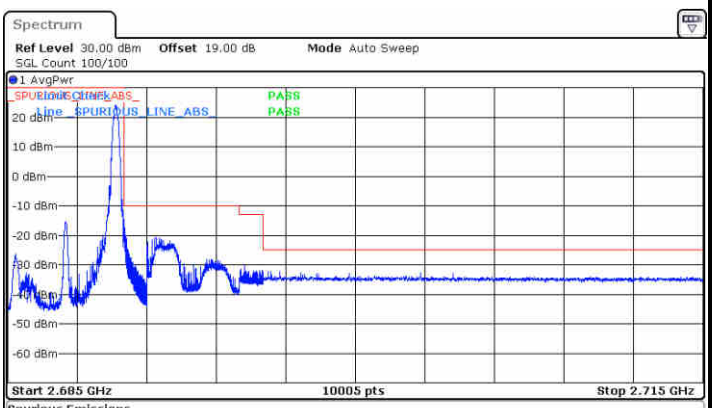



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49047 GHz | -30.92 dBm | -5.92 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49495 GHz | -22.14 dBm | -9.14 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -17.41 dBm | -4.41 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49637 GHz | 22.72 dBm | -7.28 dB |

Date: 13.DEC.2019 11:47:06

### Highest Band Edge / 1 RB

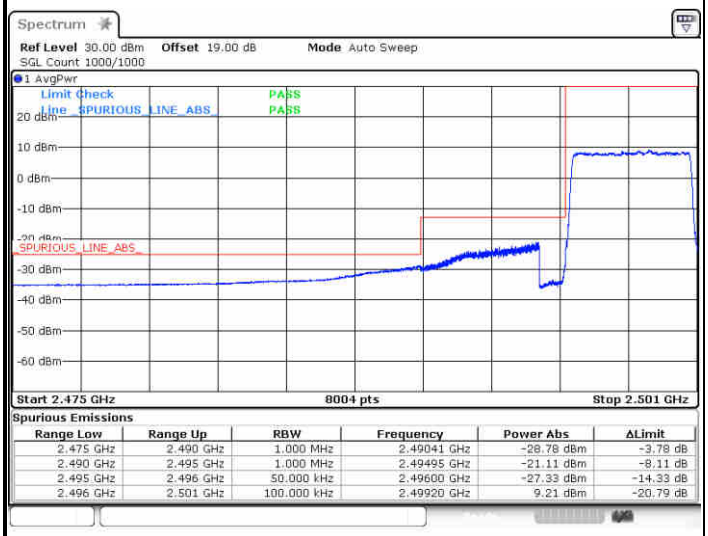



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68962 GHz | 24.08 dBm | -5.92 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -14.41 dBm | -4.41 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69136 GHz | -20.71 dBm | -10.71 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69522 GHz | -30.22 dBm | -17.22 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69601 GHz | -32.30 dBm | -7.30 dB |

Date: 13.DEC.2019 10:45:39

### Lowest Band Edge / Full RB

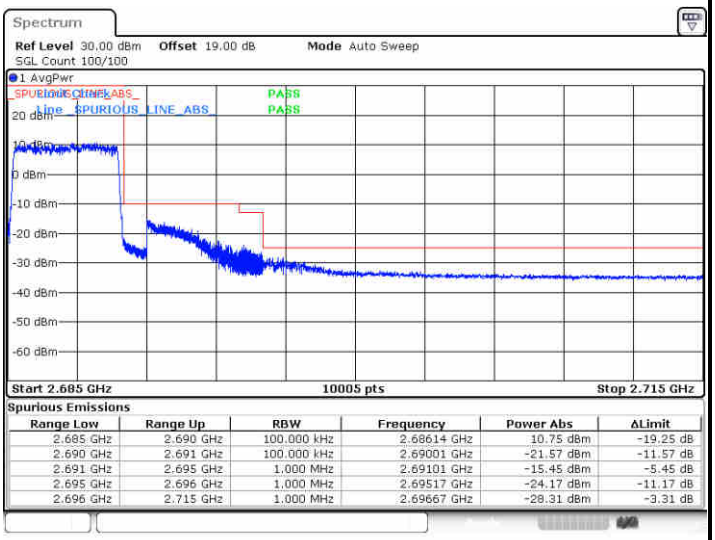



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49041 GHz | -28.78 dBm | -3.78 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49495 GHz | -21.11 dBm | -8.11 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -27.33 dBm | -14.33 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49920 GHz | 9.21 dBm | -20.79 dB |

Date: 13.DEC.2019 12:13:22

### Highest Band Edge / Full RB



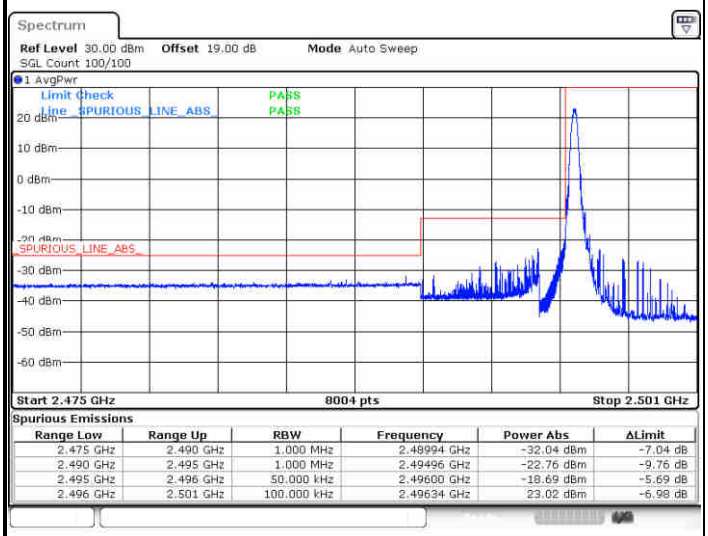

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68614 GHz | 10.75 dBm | -19.25 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69001 GHz | -21.57 dBm | -11.57 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69101 GHz | -15.45 dBm | -5.45 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69517 GHz | -24.17 dBm | -11.17 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69667 GHz | -28.31 dBm | -3.31 dB |

Date: 13.DEC.2019 12:13:43

## LTE Band 41 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

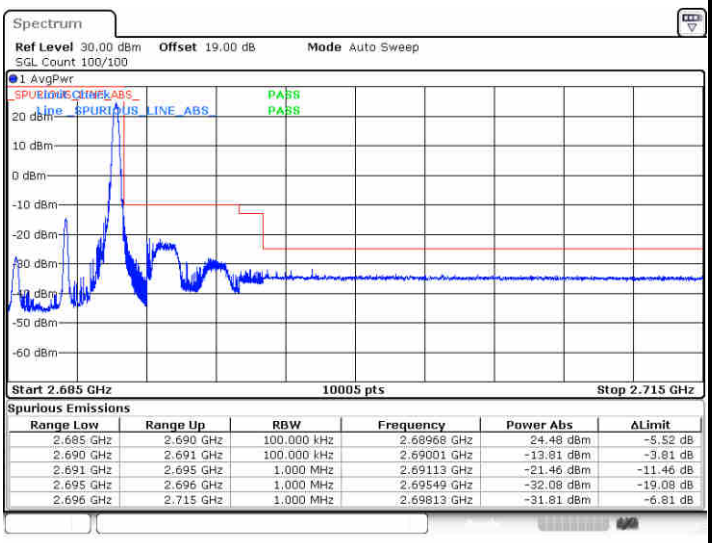



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48994 GHz | -32.04 dBm | -7.04 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49496 GHz | -22.76 dBm | -9.76 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -18.69 dBm | -5.69 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49634 GHz | 23.02 dBm | -6.98 dB |

Date: 13.DEC.2019 10:42:40

### Highest Band Edge / 1 RB

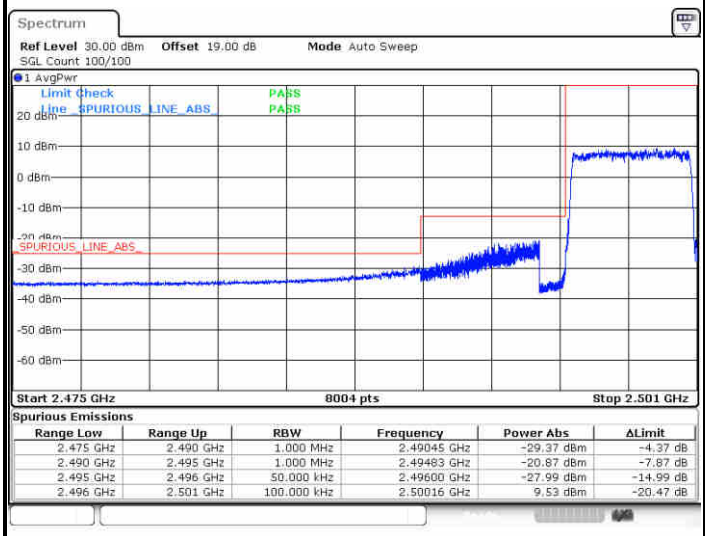



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68968 GHz | 24.48 dBm | -5.52 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69001 GHz | -13.81 dBm | -3.81 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69113 GHz | -21.46 dBm | -11.46 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69549 GHz | -32.08 dBm | -19.08 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69813 GHz | -31.81 dBm | -6.81 dB |

Date: 13.DEC.2019 10:46:39

### Lowest Band Edge / Full RB

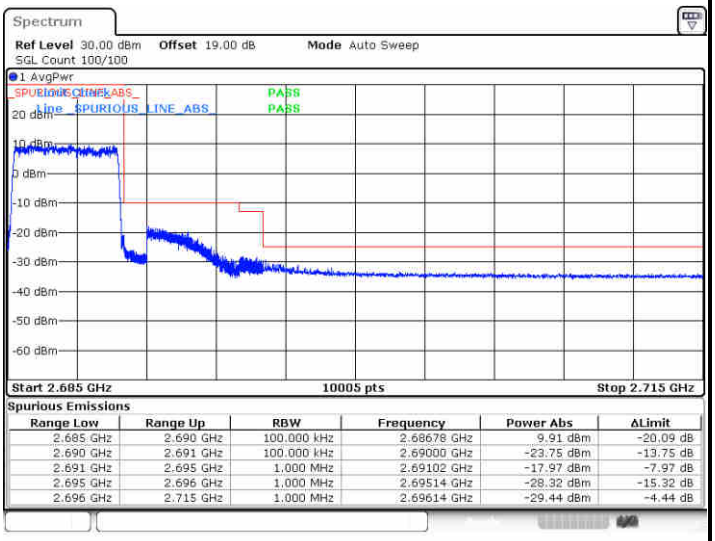



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49045 GHz | -29.37 dBm | -4.37 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49483 GHz | -20.87 dBm | -7.87 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -27.99 dBm | -14.99 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.50016 GHz | 9.53 dBm | -20.47 dB |

Date: 13.DEC.2019 10:44:40

### Highest Band Edge / Full RB



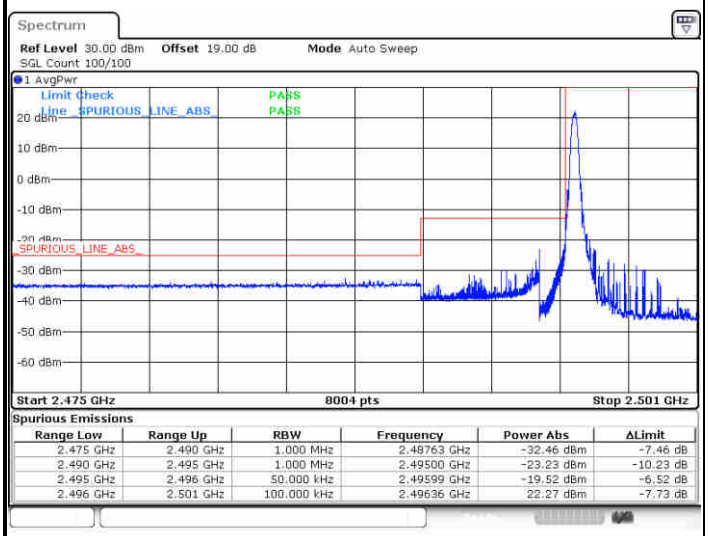

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68678 GHz | 9.91 dBm | -20.09 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -23.75 dBm | -13.75 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69102 GHz | -17.97 dBm | -7.97 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69514 GHz | -28.32 dBm | -15.32 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69614 GHz | -29.44 dBm | -4.44 dB |

Date: 13.DEC.2019 10:48:39

## LTE Band 41 / 5MHz / 64QAM

### Lowest Band Edge / 1RB

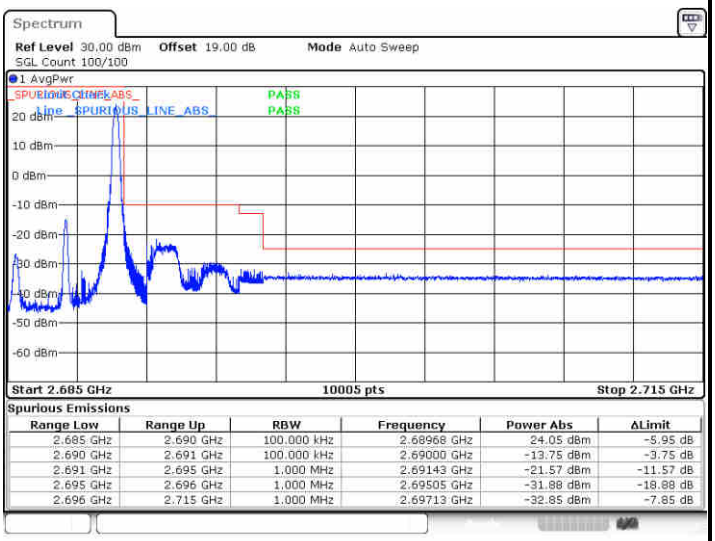



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48763 GHz | -32.46 dBm | -7.46 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49500 GHz | -23.23 dBm | -10.23 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49599 GHz | -19.52 dBm | -6.52 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49636 GHz | 22.27 dBm | -7.73 dB |

Date: 13.DEC.2019 10:49:40

### Highest Band Edge / 1 RB

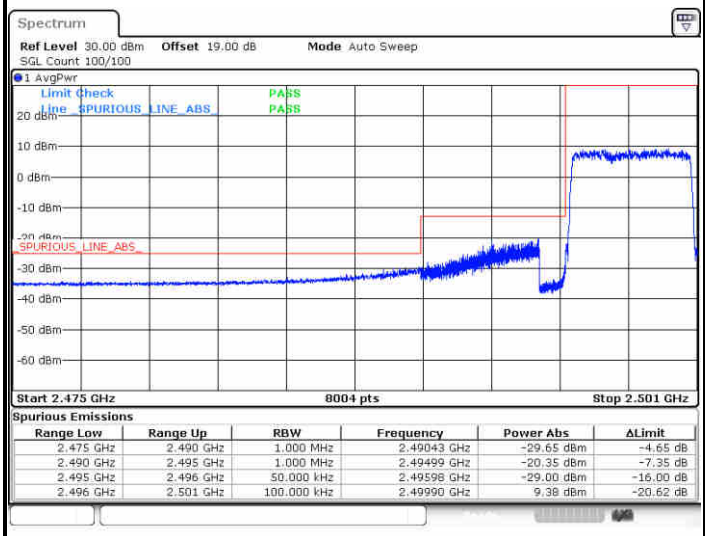



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68968 GHz | 24.05 dBm | -5.95 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -13.75 dBm | -3.75 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69143 GHz | -21.57 dBm | -11.57 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69505 GHz | -31.88 dBm | -18.88 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69713 GHz | -32.85 dBm | -7.85 dB |

Date: 13.DEC.2019 10:51:39

### Lowest Band Edge / Full RB

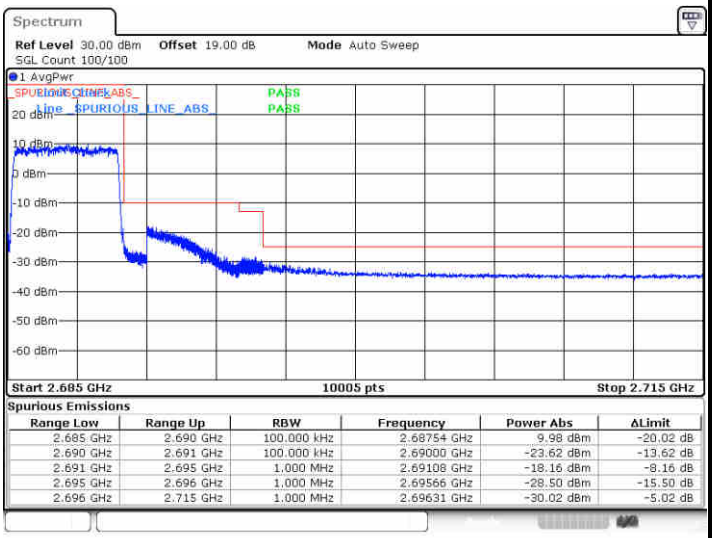



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49043 GHz | -29.65 dBm | -4.65 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49499 GHz | -20.35 dBm | -7.35 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49598 GHz | -29.00 dBm | -16.00 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49990 GHz | 9.38 dBm | -20.62 dB |

Date: 13.DEC.2019 10:50:40

### Highest Band Edge / Full RB



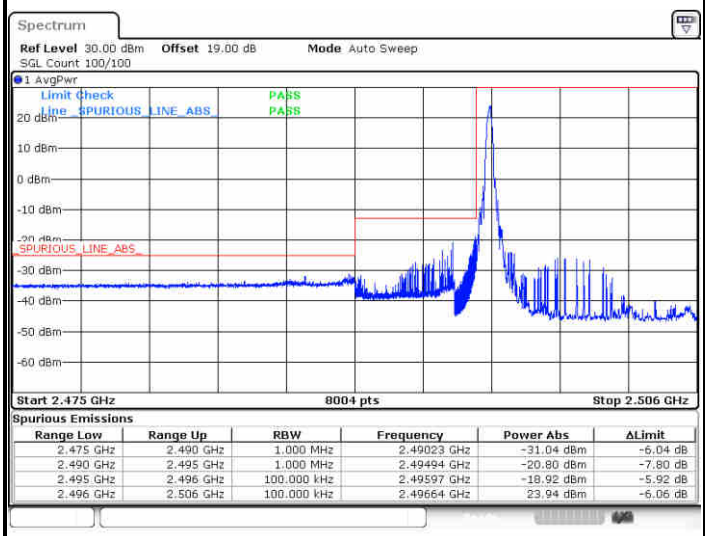

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68754 GHz | 9.98 dBm | -20.02 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -23.62 dBm | -13.62 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69108 GHz | -18.16 dBm | -8.16 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69566 GHz | -28.50 dBm | -15.50 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69631 GHz | -30.02 dBm | -5.02 dB |

Date: 13.DEC.2019 10:52:39

## LTE Band 41 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

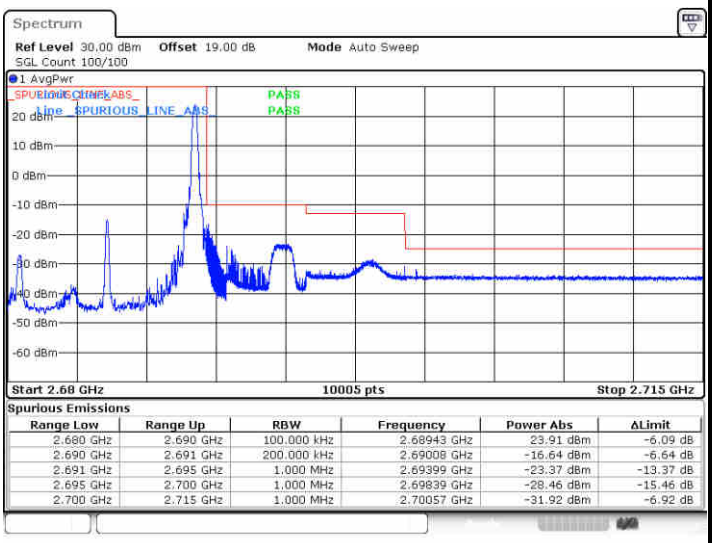



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49023 GHz | -31.04 dBm | -6.04 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49494 GHz | -20.80 dBm | -7.80 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49597 GHz | -18.92 dBm | -5.92 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49664 GHz | 23.94 dBm | -6.06 dB |

Date: 13.DEC.2019 11:59:54

### Highest Band Edge / 1 RB

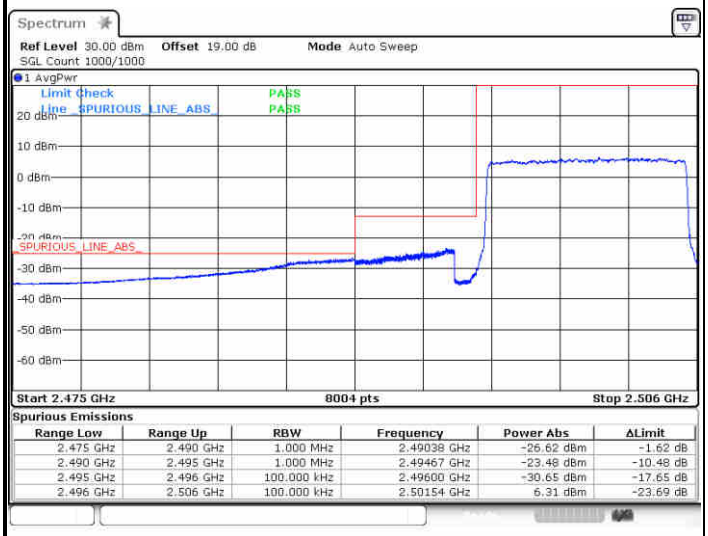



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68943 GHz | 23.91 dBm | -6.09 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69008 GHz | -16.64 dBm | -6.64 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69399 GHz | -23.37 dBm | -13.37 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69839 GHz | -28.46 dBm | -15.46 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70057 GHz | -31.92 dBm | -6.92 dB |

Date: 13.DEC.2019 10:57:38

### Lowest Band Edge / Full RB

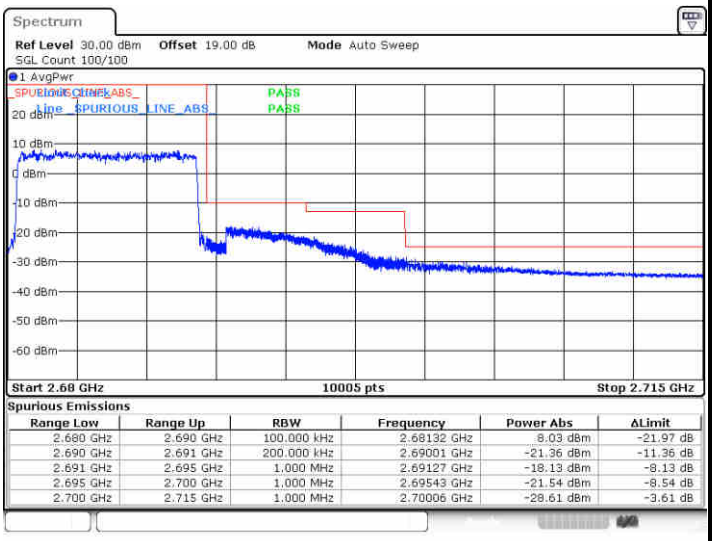



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49038 GHz | -26.62 dBm | -1.62 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49467 GHz | -23.48 dBm | -10.48 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49600 GHz | -30.65 dBm | -17.65 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.50154 GHz | 6.31 dBm | -23.69 dB |

Date: 13.DEC.2019 12:08:40

### Highest Band Edge / Full RB



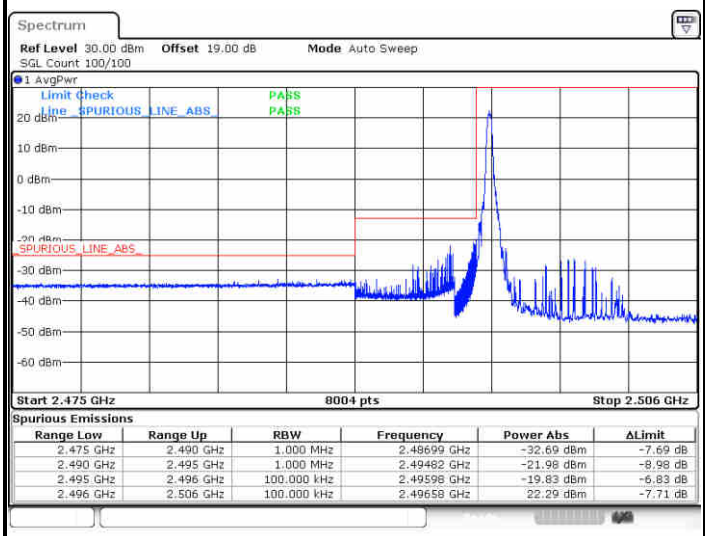

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68132 GHz | 8.03 dBm | -21.97 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69001 GHz | -21.36 dBm | -11.36 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69127 GHz | -18.13 dBm | -8.13 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69543 GHz | -21.54 dBm | -8.54 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70006 GHz | -28.61 dBm | -3.61 dB |

Date: 13.DEC.2019 10:59:38

## LTE Band 41 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

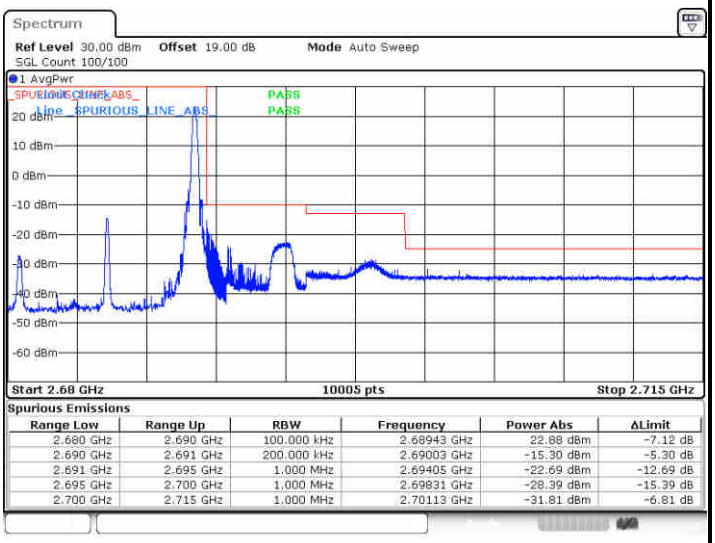



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48699 GHz | -32.69 dBm | -7.69 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49482 GHz | -21.98 dBm | -8.98 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49598 GHz | -19.83 dBm | -6.83 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49658 GHz | 22.29 dBm | -7.71 dB |

Date: 13.DEC.2019 10:54:39

### Highest Band Edge / 1 RB

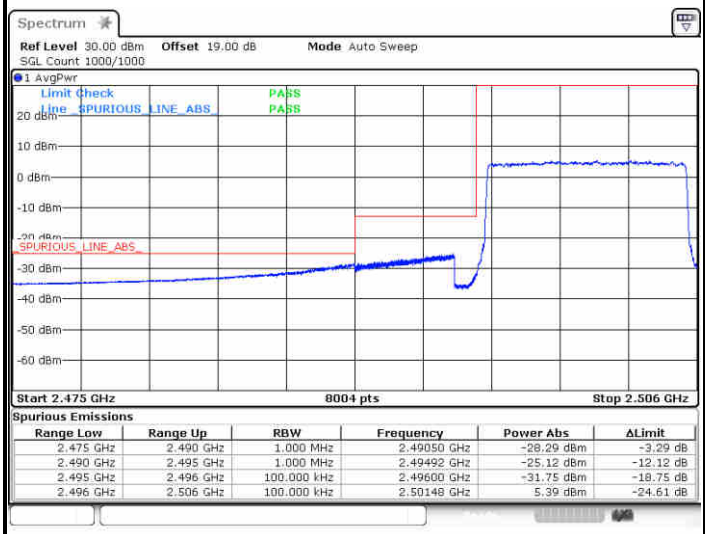



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68943 GHz | 22.88 dBm | -7.12 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69003 GHz | -15.30 dBm | -5.30 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69405 GHz | -22.69 dBm | -12.69 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69831 GHz | -28.39 dBm | -15.39 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70113 GHz | -31.81 dBm | -6.81 dB |

Date: 13.DEC.2019 10:58:38

### Lowest Band Edge / Full RB

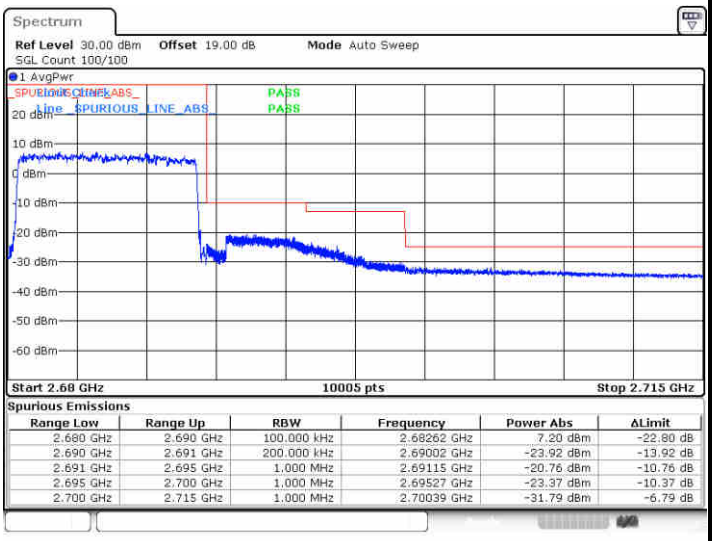



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49050 GHz | -28.29 dBm | -3.29 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49492 GHz | -25.12 dBm | -12.12 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49600 GHz | -31.75 dBm | -18.75 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.50148 GHz | 5.39 dBm | -24.61 dB |

Date: 13.DEC.2019 12:09:39

### Highest Band Edge / Full RB



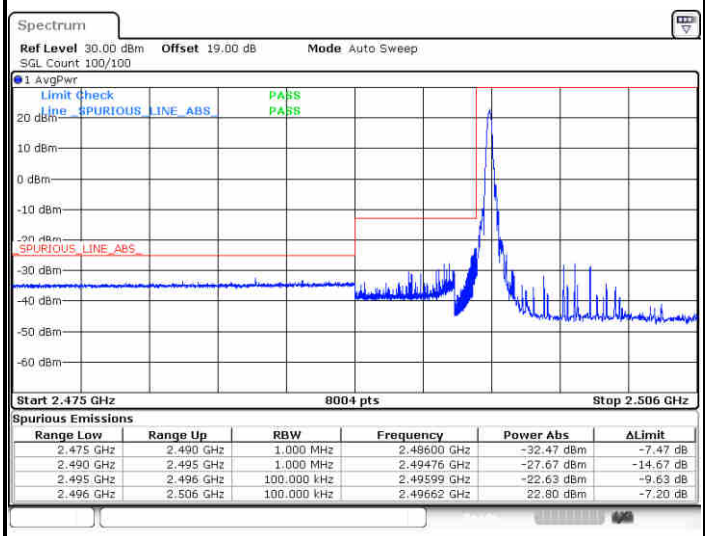

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68262 GHz | 7.20 dBm | -22.80 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69002 GHz | -23.92 dBm | -13.92 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69115 GHz | -20.76 dBm | -10.76 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69527 GHz | -23.37 dBm | -10.37 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70039 GHz | -31.79 dBm | -6.79 dB |

Date: 13.DEC.2019 11:00:38

## LTE Band 41 / 10MHz / 64QAM

### Lowest Band Edge / 1 RB

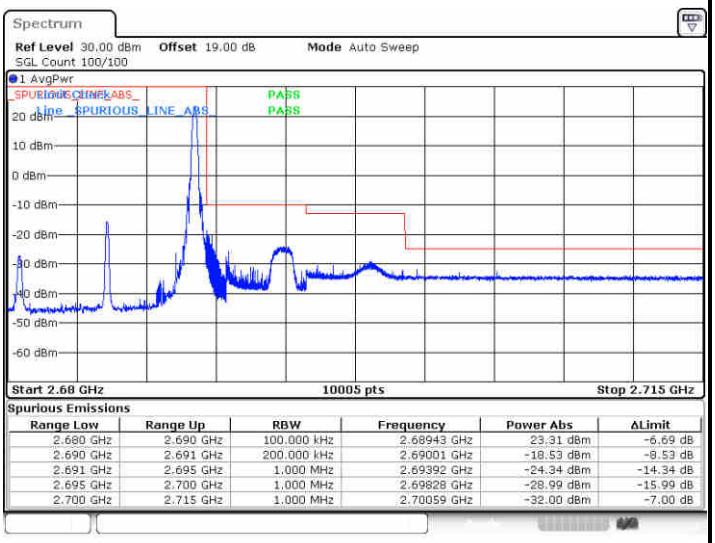



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48600 GHz | -32.47 dBm | -7.47 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49476 GHz | -27.67 dBm | -14.67 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49599 GHz | -22.63 dBm | -9.63 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49662 GHz | 22.80 dBm | -7.20 dB |

Date: 13.DEC.2019 11:01:39

### Highest Band Edge / 1 RB

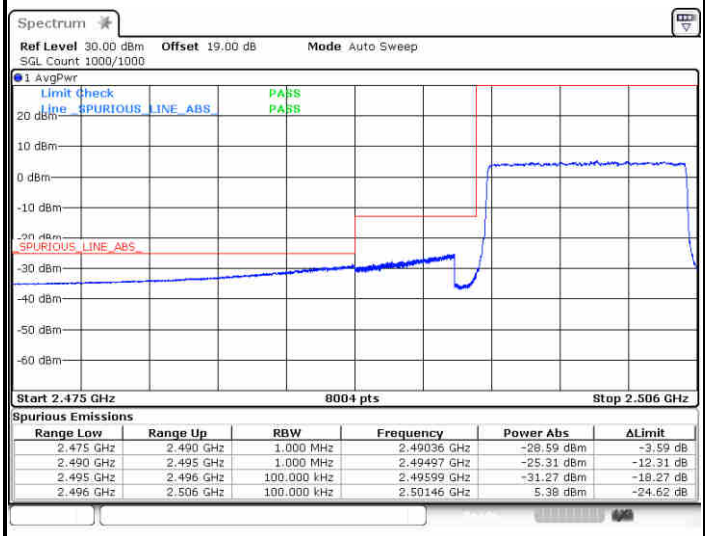



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68943 GHz | 23.31 dBm | -6.69 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69001 GHz | -18.53 dBm | -8.53 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69392 GHz | -24.34 dBm | -14.34 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69828 GHz | -28.99 dBm | -15.99 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70059 GHz | -32.00 dBm | -7.00 dB |

Date: 13.DEC.2019 11:03:38

### Lowest Band Edge / Full RB

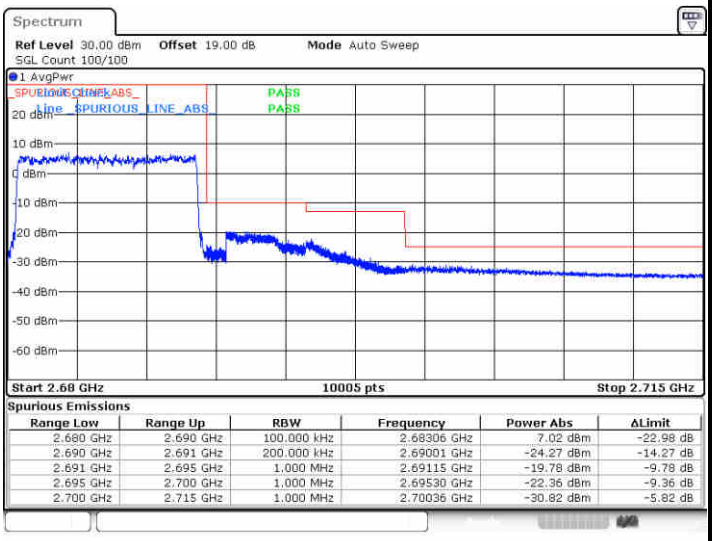



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49036 GHz | -28.59 dBm | -3.59 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49497 GHz | -25.31 dBm | -12.31 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49599 GHz | -31.27 dBm | -18.27 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.50146 GHz | 5.38 dBm | -24.62 dB |

Date: 13.DEC.2019 12:10:47

### Highest Band Edge / Full RB



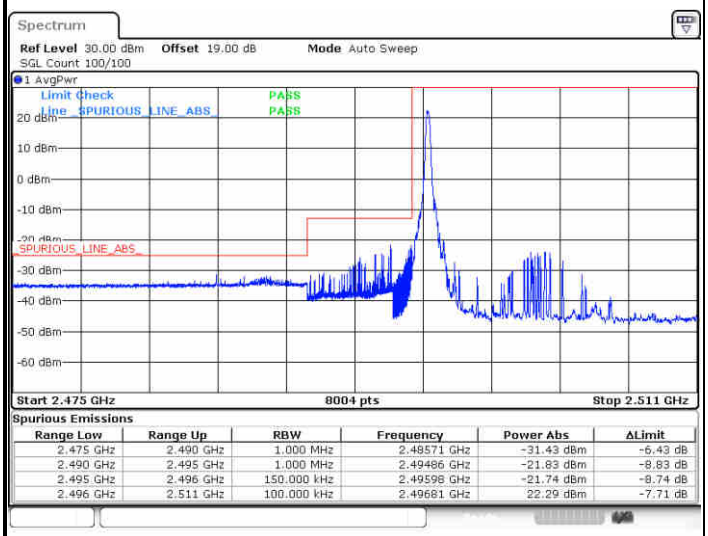

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68306 GHz | 7.02 dBm | -22.98 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69001 GHz | -24.27 dBm | -14.27 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69115 GHz | -19.78 dBm | -9.78 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69530 GHz | -22.36 dBm | -9.36 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70036 GHz | -30.82 dBm | -5.82 dB |

Date: 13.DEC.2019 11:04:38

## LTE Band 41 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

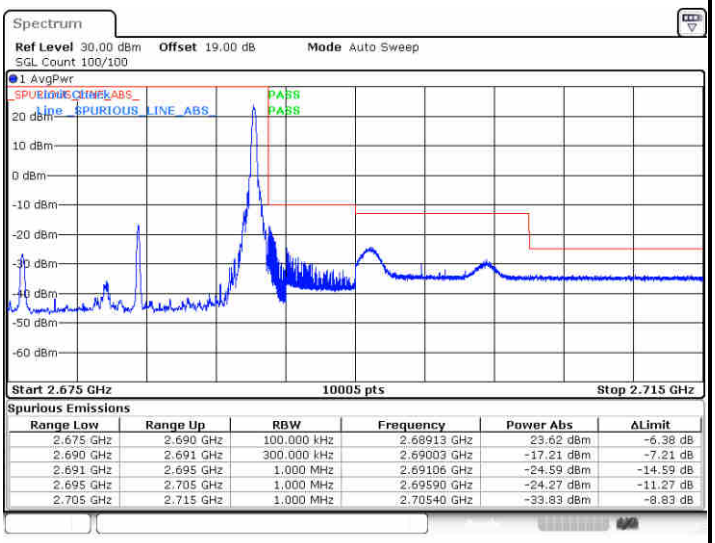



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48571 GHz | -31.43 dBm | -6.43 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49486 GHz | -21.83 dBm | -8.83 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49598 GHz | -21.74 dBm | -8.74 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.49681 GHz | 22.29 dBm | -7.71 dB |

Date: 13.DEC.2019 11:09:38

### Highest Band Edge / 1 RB

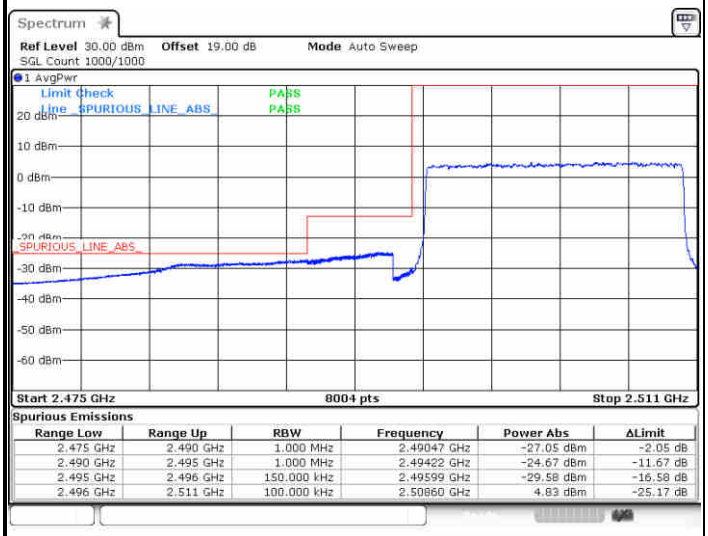



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.68913 GHz | 23.62 dBm | -6.38 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69003 GHz | -17.21 dBm | -7.21 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69106 GHz | -24.59 dBm | -14.59 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69590 GHz | -24.27 dBm | -11.27 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.70540 GHz | -33.83 dBm | -8.83 dB |

Date: 13.DEC.2019 11:13:36

### Lowest Band Edge / Full RB

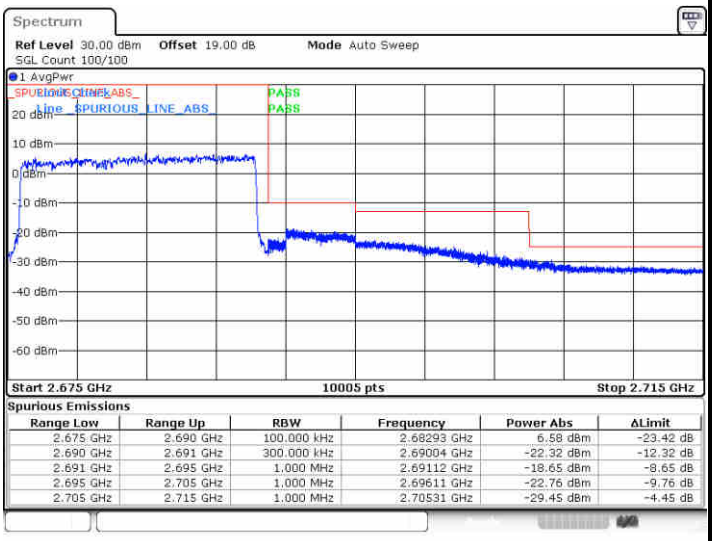



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49047 GHz | -27.05 dBm | -2.05 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49422 GHz | -24.67 dBm | -11.67 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49599 GHz | -29.58 dBm | -16.58 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.50860 GHz | 4.83 dBm | -25.17 dB |

Date: 13.DEC.2019 12:58:43

### Highest Band Edge / Full RB



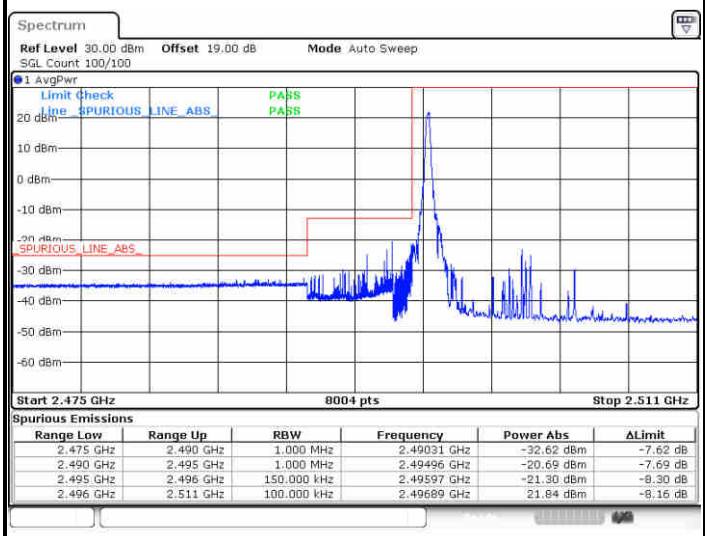

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.68293 GHz | 6.58 dBm | -23.42 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69004 GHz | -22.32 dBm | -12.32 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69112 GHz | -18.65 dBm | -8.65 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69611 GHz | -22.76 dBm | -9.76 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.70531 GHz | -29.45 dBm | -4.45 dB |

Date: 13.DEC.2019 11:15:36

## LTE Band 41 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

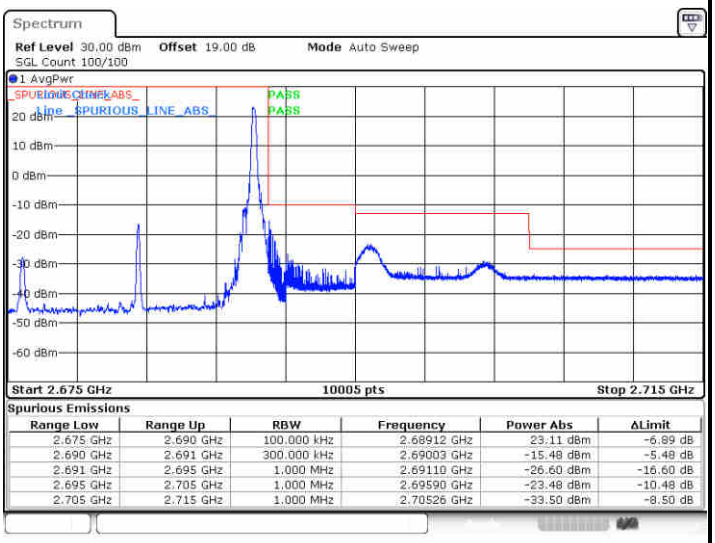



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49031 GHz | -32.62 dBm | -7.62 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49496 GHz | -20.69 dBm | -7.69 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49597 GHz | -21.30 dBm | -8.30 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.49689 GHz | 21.84 dBm | -8.16 dB |

Date: 13.DEC.2019 11:10:37

### Highest Band Edge / 1 RB

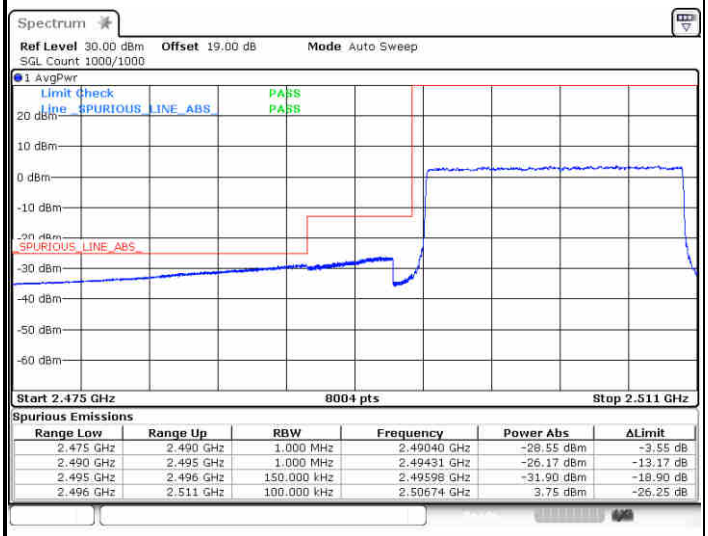



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.68912 GHz | 23.11 dBm | -6.89 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69003 GHz | -15.48 dBm | -5.48 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69110 GHz | -26.60 dBm | -16.60 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69590 GHz | -23.48 dBm | -10.48 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.70526 GHz | -33.50 dBm | -8.50 dB |

Date: 13.DEC.2019 11:14:36

### Lowest Band Edge / Full RB

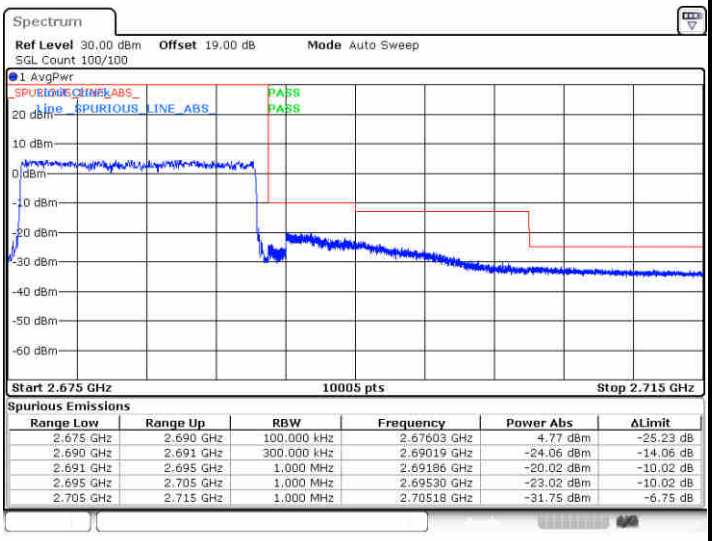



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49040 GHz | -28.55 dBm | -3.55 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49431 GHz | -26.17 dBm | -13.17 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49598 GHz | -31.90 dBm | -18.90 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.50674 GHz | 3.75 dBm | -26.25 dB |

Date: 13.DEC.2019 12:19:11

### Highest Band Edge / Full RB



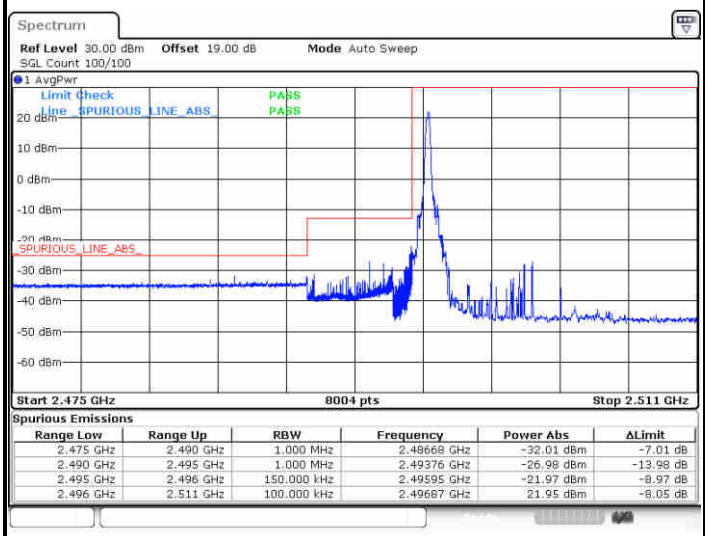

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.67603 GHz | 4.77 dBm | -25.23 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69019 GHz | -24.06 dBm | -14.06 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69186 GHz | -20.02 dBm | -10.02 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69530 GHz | -23.02 dBm | -10.02 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.70518 GHz | -31.75 dBm | -6.75 dB |

Date: 13.DEC.2019 11:16:36

## LTE Band 41 / 15MHz / 64QAM

### Lowest Band Edge / 1 RB

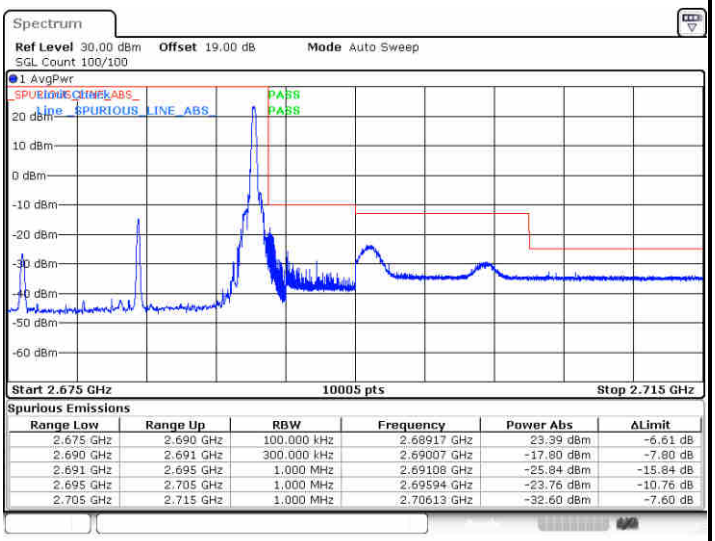



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48668 GHz | -32.01 dBm | -7.01 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49376 GHz | -26.98 dBm | -13.98 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49595 GHz | -21.97 dBm | -8.97 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.49687 GHz | 21.95 dBm | -8.05 dB |

Date: 13.DEC.2019 11:05:38

### Highest Band Edge / 1 RB

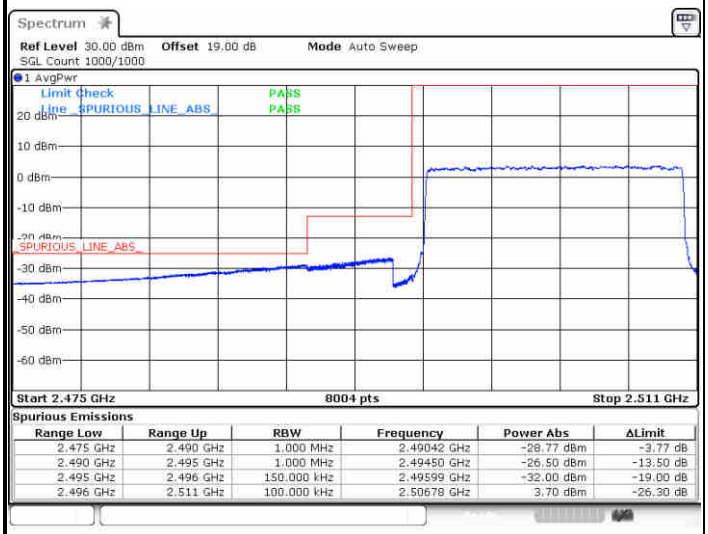



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.68917 GHz | 23.39 dBm | -6.61 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69007 GHz | -17.80 dBm | -7.80 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69108 GHz | -25.84 dBm | -15.84 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69594 GHz | -23.76 dBm | -10.76 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.70613 GHz | -32.60 dBm | -7.60 dB |

Date: 13.DEC.2019 11:07:37

### Lowest Band Edge / Full RB

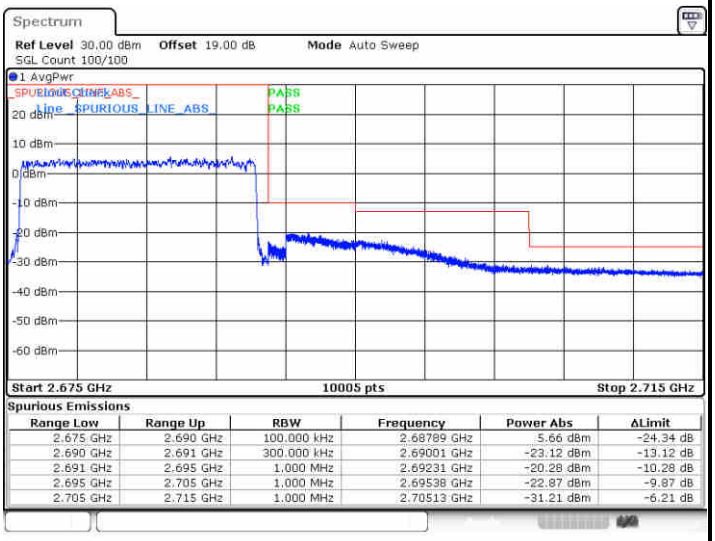



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49042 GHz | -28.77 dBm | -3.77 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49450 GHz | -26.50 dBm | -13.50 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49599 GHz | -32.00 dBm | -19.00 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.50678 GHz | 3.70 dBm | -26.30 dB |

Date: 13.DEC.2019 12:20:10

### Highest Band Edge / Full RB



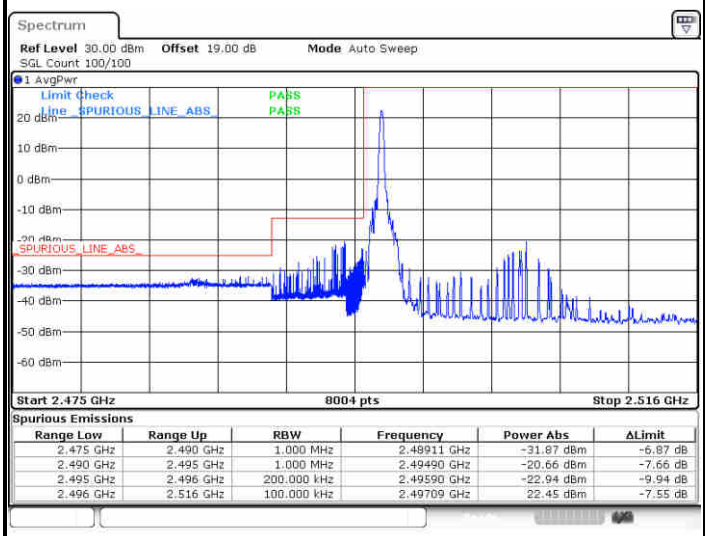

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.68789 GHz | 5.66 dBm | -24.34 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69001 GHz | -23.12 dBm | -13.12 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69231 GHz | -20.28 dBm | -10.28 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69538 GHz | -22.87 dBm | -9.87 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.70513 GHz | -31.21 dBm | -6.21 dB |

Date: 13.DEC.2019 11:08:37

## LTE Band 41 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

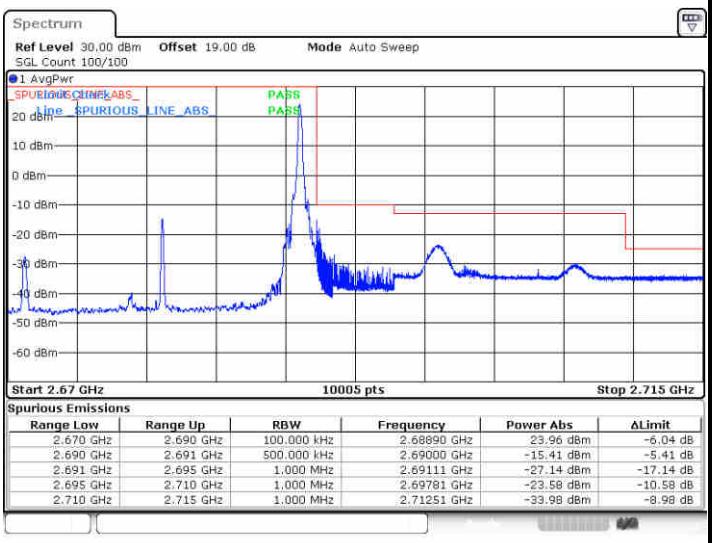



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48911 GHz | -31.87 dBm | -6.87 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49490 GHz | -20.66 dBm | -7.66 dB |
| 2.495 GHz | 2.496 GHz | 200.000 kHz | 2.49590 GHz | -22.94 dBm | -9.94 dB |
| 2.496 GHz | 2.516 GHz | 100.000 kHz | 2.49709 GHz | 22.45 dBm | -7.55 dB |

Date: 13.DEC.2019 11:17:37

### Highest Band Edge / 1 RB

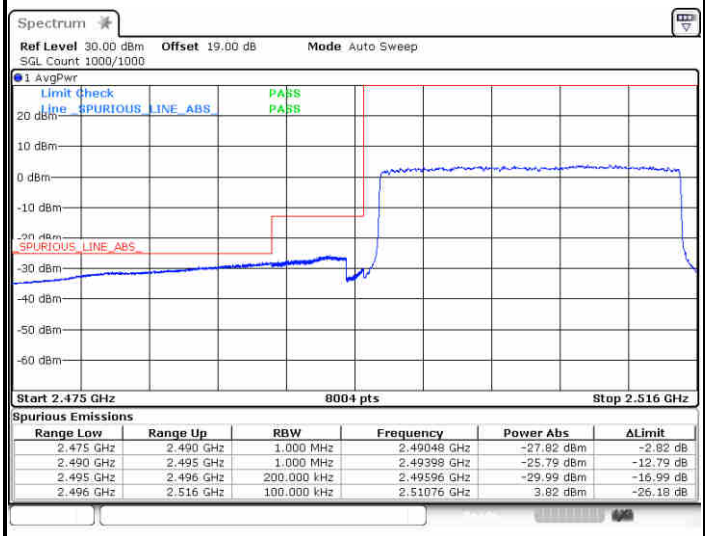



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.670 GHz | 2.690 GHz | 100.000 kHz | 2.68890 GHz | 23.96 dBm | -6.04 dB |
| 2.690 GHz | 2.691 GHz | 500.000 kHz | 2.69000 GHz | -15.41 dBm | -5.41 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69111 GHz | -27.14 dBm | -17.14 dB |
| 2.695 GHz | 2.710 GHz | 1.000 MHz | 2.69781 GHz | -23.58 dBm | -10.58 dB |
| 2.710 GHz | 2.715 GHz | 1.000 MHz | 2.71251 GHz | -33.98 dBm | -8.98 dB |

Date: 13.DEC.2019 11:21:36

### Lowest Band Edge / Full RB

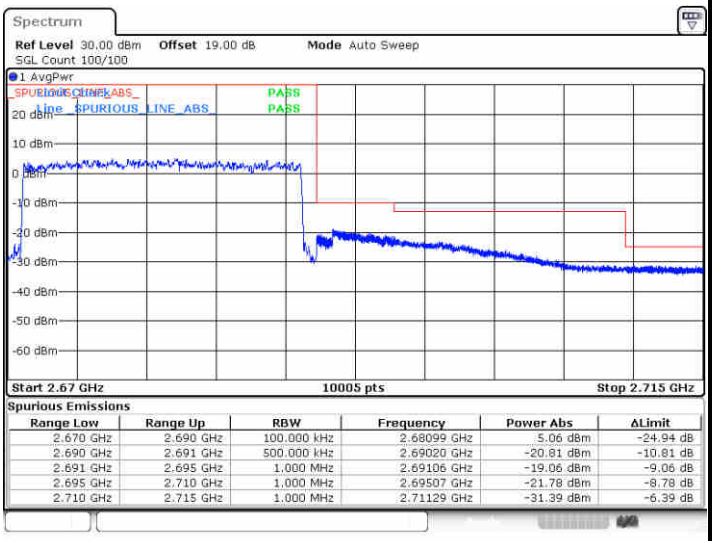



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49048 GHz | -27.82 dBm | -2.82 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49398 GHz | -25.79 dBm | -12.79 dB |
| 2.495 GHz | 2.496 GHz | 200.000 kHz | 2.49596 GHz | -29.99 dBm | -16.99 dB |
| 2.496 GHz | 2.516 GHz | 100.000 kHz | 2.51076 GHz | 3.82 dBm | -26.18 dB |

Date: 13.DEC.2019 12:27:54

### Highest Band Edge / Full RB



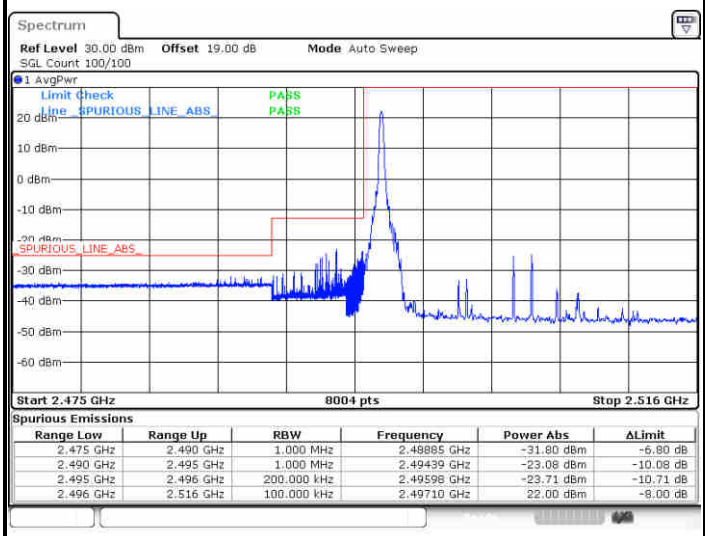

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.670 GHz | 2.690 GHz | 100.000 kHz | 2.68099 GHz | 5.06 dBm | -24.94 dB |
| 2.690 GHz | 2.691 GHz | 500.000 kHz | 2.69020 GHz | -20.81 dBm | -10.81 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69106 GHz | -19.06 dBm | -9.06 dB |
| 2.695 GHz | 2.710 GHz | 1.000 MHz | 2.69507 GHz | -21.78 dBm | -8.78 dB |
| 2.710 GHz | 2.715 GHz | 1.000 MHz | 2.71129 GHz | -31.39 dBm | -6.39 dB |

Date: 13.DEC.2019 11:24:36

## LTE Band 41 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB

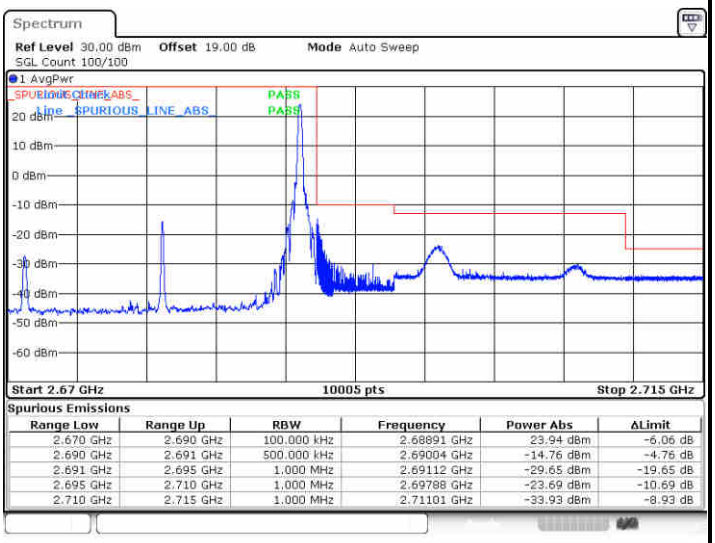



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48885 GHz | -31.80 dBm | -6.80 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49439 GHz | -23.08 dBm | -10.08 dB |
| 2.495 GHz | 2.496 GHz | 200.000 kHz | 2.49598 GHz | -23.71 dBm | -10.71 dB |
| 2.496 GHz | 2.516 GHz | 100.000 kHz | 2.49710 GHz | 22.00 dBm | -8.00 dB |

Date: 13.DEC.2019 11:18:37

### Highest Band Edge / 1 RB

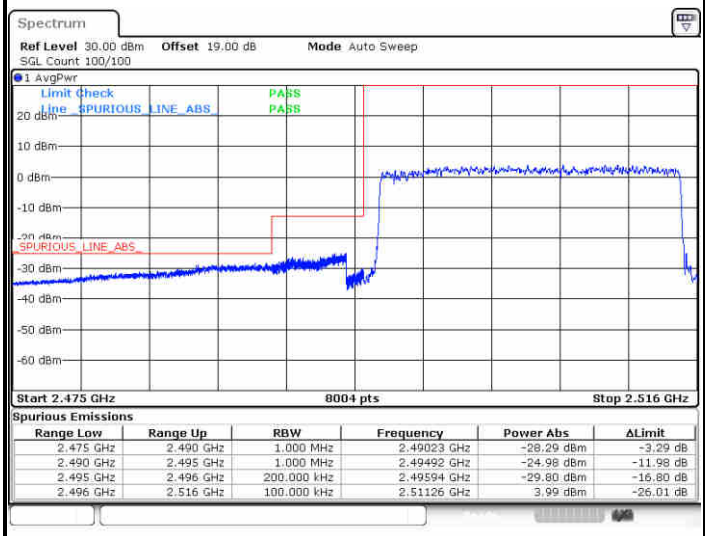



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.670 GHz | 2.690 GHz | 100.000 kHz | 2.68891 GHz | 23.94 dBm | -6.06 dB |
| 2.690 GHz | 2.691 GHz | 500.000 kHz | 2.69004 GHz | -14.76 dBm | -4.76 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69112 GHz | -29.65 dBm | -19.65 dB |
| 2.695 GHz | 2.710 GHz | 1.000 MHz | 2.69788 GHz | -23.69 dBm | -10.69 dB |
| 2.710 GHz | 2.715 GHz | 1.000 MHz | 2.71101 GHz | -33.93 dBm | -8.93 dB |

Date: 13.DEC.2019 11:22:36

### Lowest Band Edge / Full RB

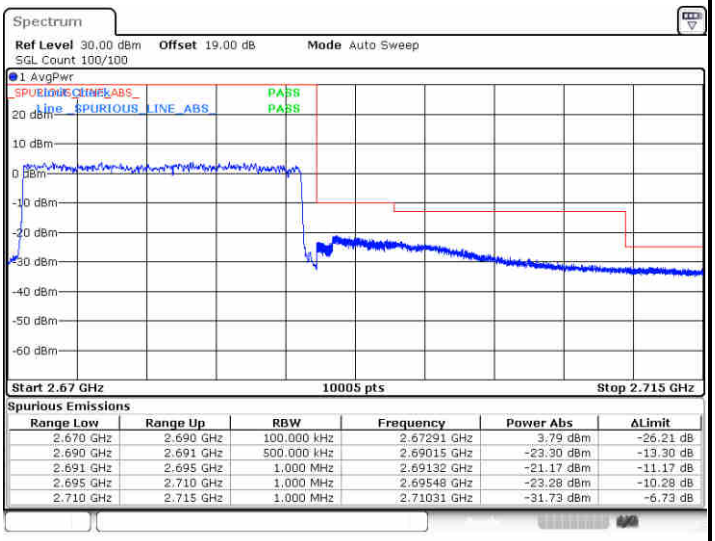



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49023 GHz | -28.29 dBm | -3.29 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49492 GHz | -24.98 dBm | -11.98 dB |
| 2.495 GHz | 2.496 GHz | 200.000 kHz | 2.49594 GHz | -29.80 dBm | -16.80 dB |
| 2.496 GHz | 2.516 GHz | 100.000 kHz | 2.51126 GHz | 3.99 dBm | -26.01 dB |

Date: 13.DEC.2019 11:20:36

### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.670 GHz | 2.690 GHz | 100.000 kHz | 2.67291 GHz | 3.79 dBm | -26.21 dB |
| 2.690 GHz | 2.691 GHz | 500.000 kHz | 2.69015 GHz | -23.30 dBm | -13.30 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69132 GHz | -21.17 dBm | -11.17 dB |
| 2.695 GHz | 2.710 GHz | 1.000 MHz | 2.69548 GHz | -23.28 dBm | -10.28 dB |
| 2.710 GHz | 2.715 GHz | 1.000 MHz | 2.71031 GHz | -31.73 dBm | -6.73 dB |

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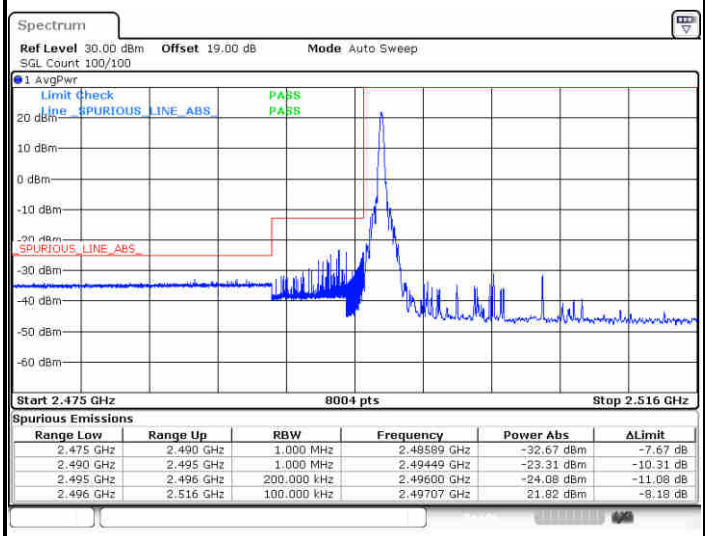
## LTE Band 41 / 20MHz / 64QAM

### 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 | 2.48589 GHz | -32.67 dBm | -7.67 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49449 GHz | -23.31 dBm | -10.31 dB |
| 2.495 GHz | 2.496 GHz | 200.000 kHz | 2.49600 GHz | -24.08 dBm | -11.08 dB |
| 2.496 GHz | 2.516 GHz | 100.000 kHz | 2.49707 GHz | 21.82 dBm | -8.18 dB |

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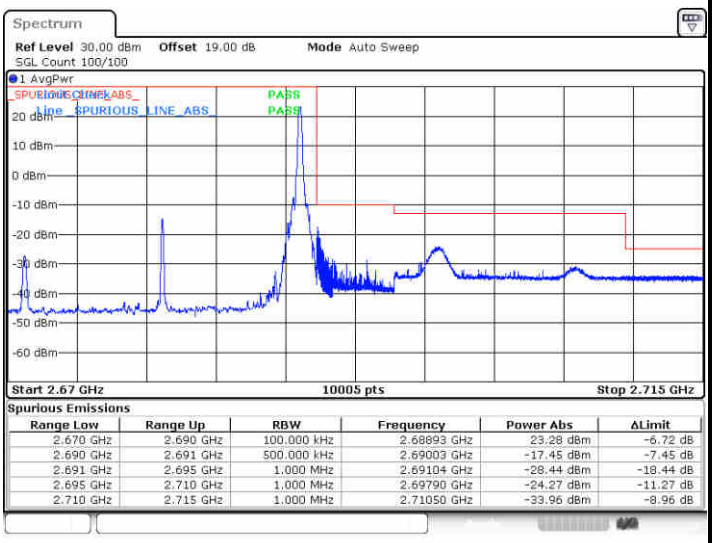
### Highest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.670 GHz | 2.690 GHz | 100.000 kHz | 2.68893 GHz | 23.28 dBm | -6.72 dB |
| 2.690 GHz | 2.691 GHz | 500.000 kHz | 2.69003 GHz | -17.45 dBm | -7.45 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69104 GHz | -28.44 dBm | -18.44 dB |
| 2.695 GHz | 2.710 GHz | 1.000 MHz | 2.69790 GHz | -24.27 dBm | -11.27 dB |
| 2.710 GHz | 2.715 GHz | 1.000 MHz | 2.71050 GHz | -33.96 dBm | -8.96 dB |

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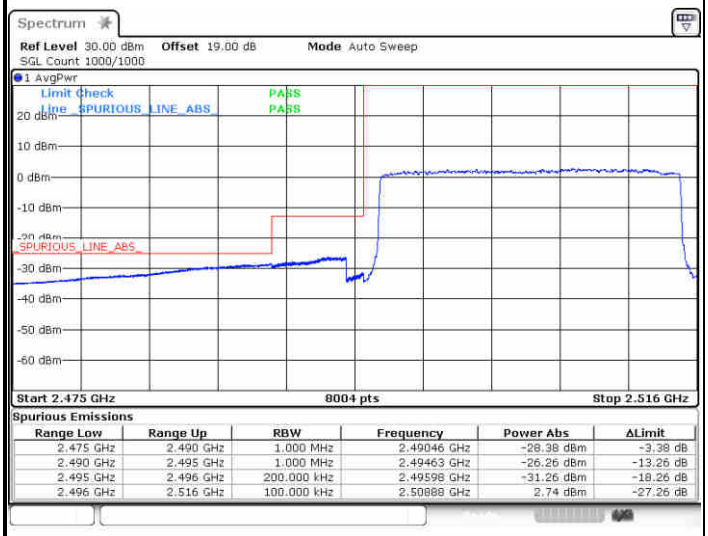
### Lowest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49046 GHz | -28.38 dBm | -3.38 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49463 GHz | -26.26 dBm | -13.26 dB |
| 2.495 GHz | 2.496 GHz | 200.000 kHz | 2.49598 GHz | -31.26 dBm | -18.26 dB |
| 2.496 GHz | 2.516 GHz | 100.000 kHz | 2.50888 GHz | 2.74 dBm | -27.26 dB |

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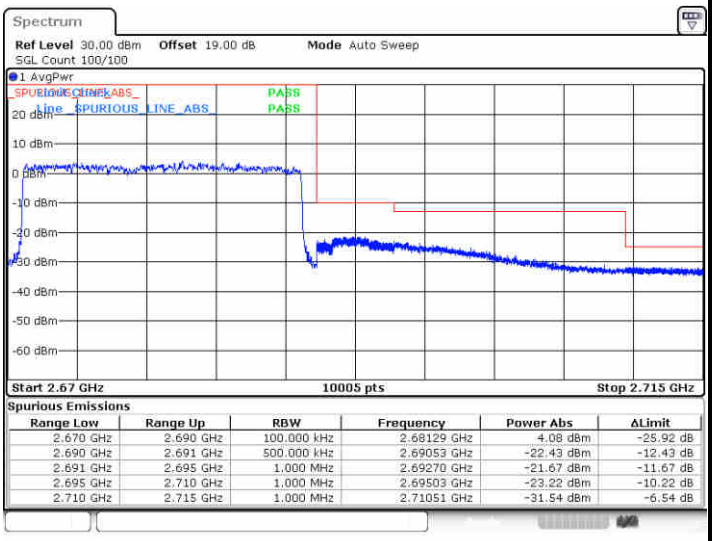
### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.670 GHz | 2.690 GHz | 100.000 kHz | 2.68129 GHz | 4.08 dBm | -25.92 dB |
| 2.690 GHz | 2.691 GHz | 500.000 kHz | 2.69053 GHz | -22.43 dBm | -12.43 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69270 GHz | -21.67 dBm | -11.67 dB |
| 2.695 GHz | 2.710 GHz | 1.000 MHz | 2.69503 GHz | -23.22 dBm | -10.22 dB |
| 2.710 GHz | 2.715 GHz | 1.000 MHz | 2.71051 GHz | -31.54 dBm | -6.54 dB |

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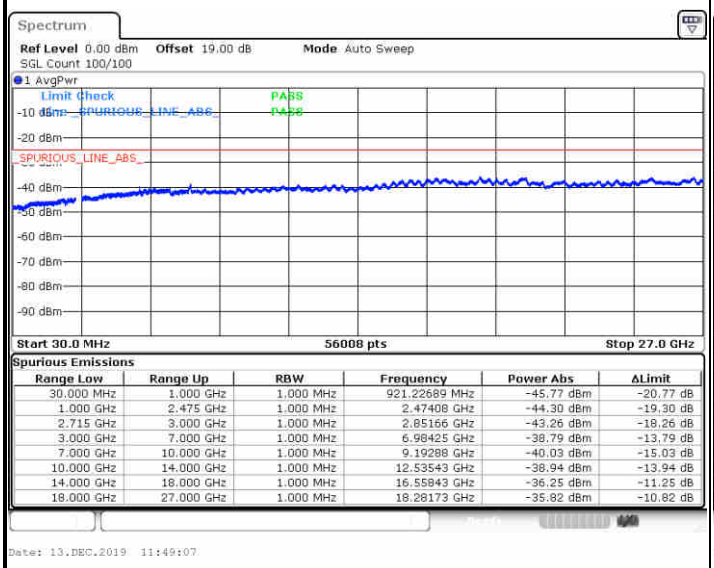
# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 921.22689 MHz | -45.77 dBm | -20.77 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.47408 GHz | -44.30 dBm | -19.30 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.85166 GHz | -43.26 dBm | -18.26 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98425 GHz | -38.79 dBm | -13.79 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.19288 GHz | -40.03 dBm | -15.03 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.53543 GHz | -38.94 dBm | -13.94 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.55843 GHz | -36.25 dBm | -11.25 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 18.28173 GHz | -35.82 dBm | -10.82 dB |

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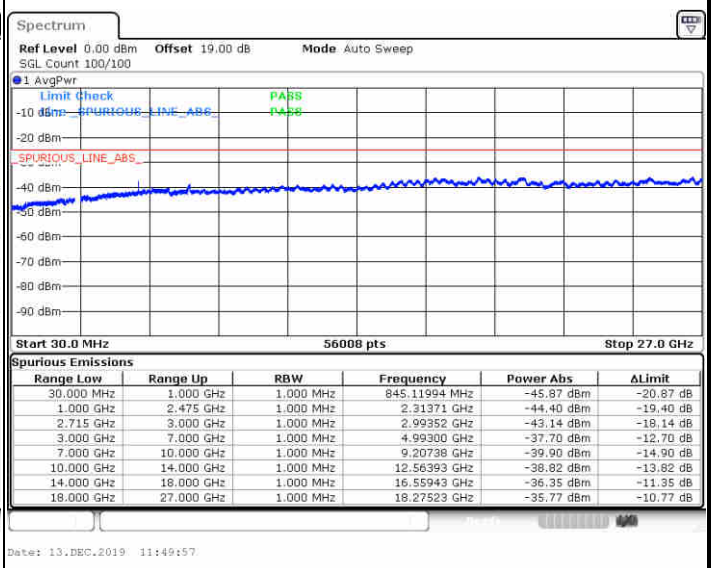
### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 845.11994 MHz | -45.87 dBm | -20.87 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.31371 GHz | -44.40 dBm | -19.40 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.99352 GHz | -43.14 dBm | -18.14 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 4.99300 GHz | -37.70 dBm | -12.70 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.20738 GHz | -39.90 dBm | -14.90 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.56393 GHz | -38.82 dBm | -13.82 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.55943 GHz | -36.35 dBm | -11.35 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 18.27523 GHz | -35.77 dBm | -10.77 dB |

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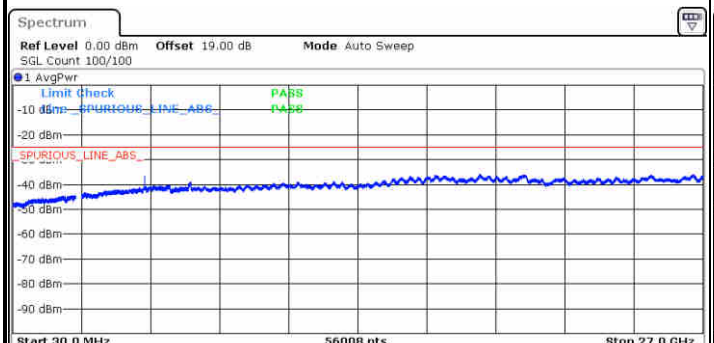
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 869.84258 MHz | -45.85 dBm | -20.85 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.46486 GHz | -44.41 dBm | -19.41 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.85722 GHz | -43.29 dBm | -18.29 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.18198 GHz | -36.51 dBm | -11.51 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.19838 GHz | -40.01 dBm | -15.01 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.90039 GHz | -38.72 dBm | -13.72 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.59643 GHz | -36.23 dBm | -11.23 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 18.29073 GHz | -35.96 dBm | -10.96 dB |

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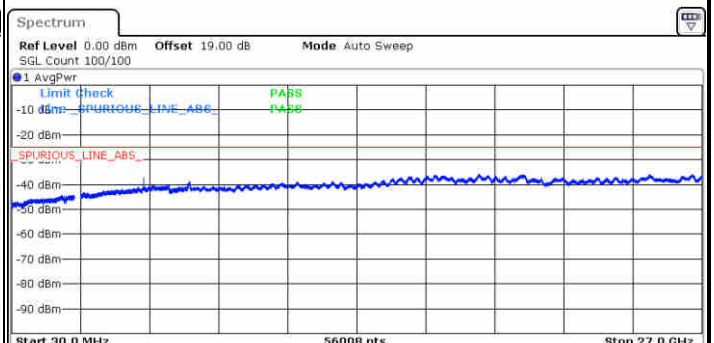
### Middle Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 776.76912 MHz | -45.91 dBm | -20.91 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.33915 GHz | -44.36 dBm | -19.36 dB |
| 2.715 GHz | 3.000 GHz | 1.000 MHz | 2.85508 GHz | -43.34 dBm | -18.34 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.18198 GHz | -37.19 dBm | -12.19 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.89777 GHz | -40.05 dBm | -15.05 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.55243 GHz | -38.85 dBm | -13.85 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.59493 GHz | -36.26 dBm | -11.26 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 18.27823 GHz | -35.89 dBm | -10.89 dB |

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