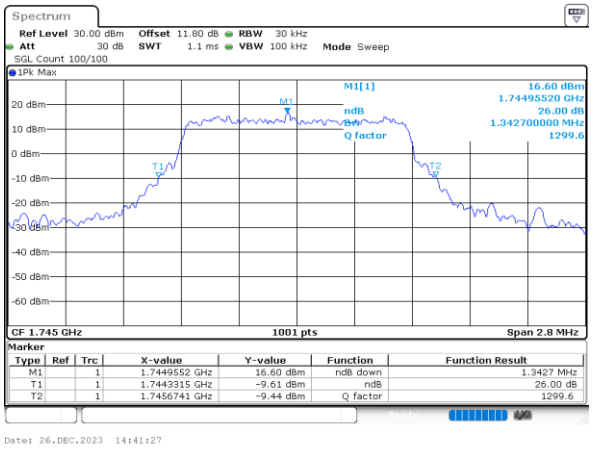
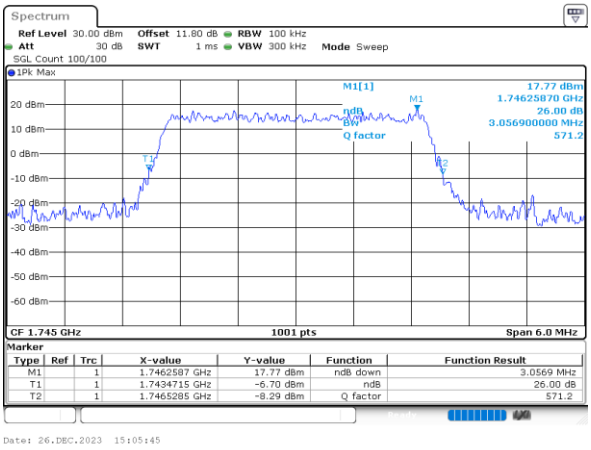
## LTE Band 66

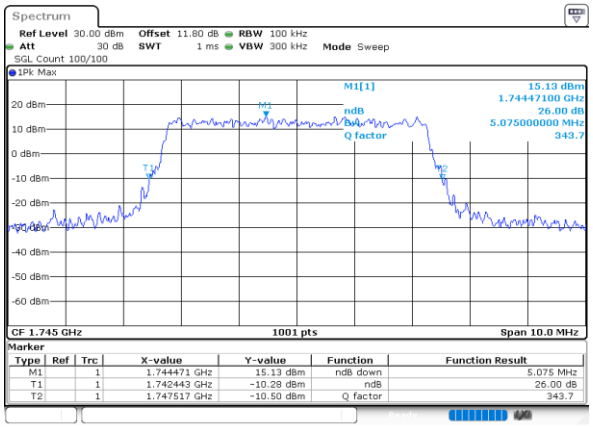
### Middle Channel / 1.4MHz / 64QAM



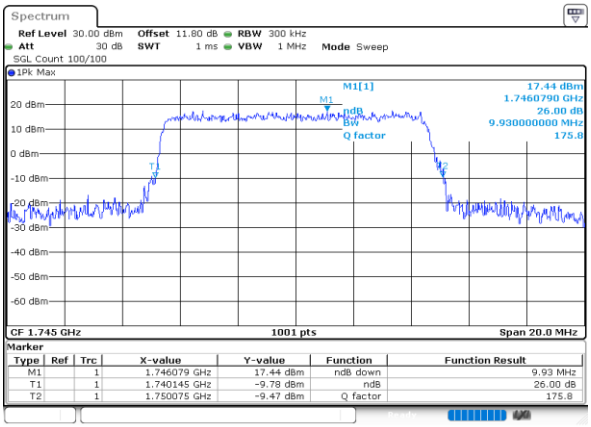

### Middle Channel / 3MHz / 64QAM



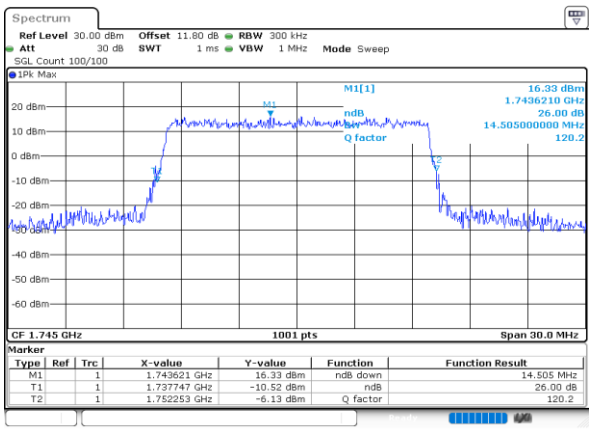

### Middle Channel / 5MHz / 64QAM



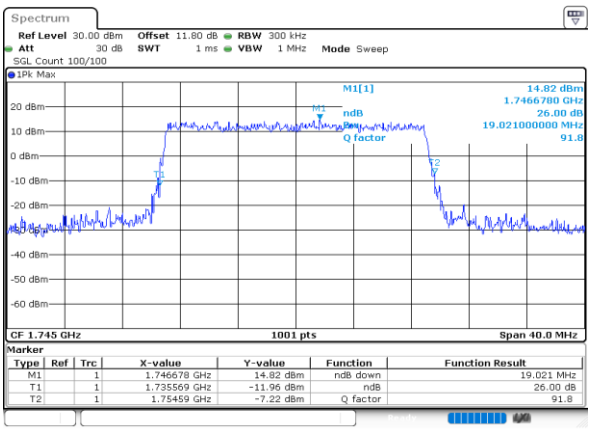

### Middle Channel / 10MHz / 64QAM




### Middle Channel / 15MHz / 64QAM

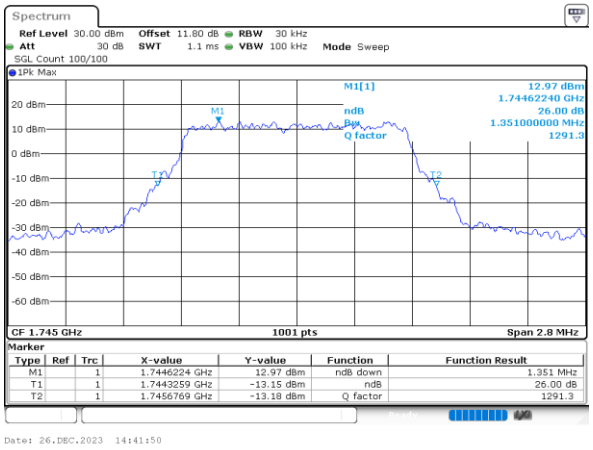



### Middle Channel / 20MHz / 64QAM

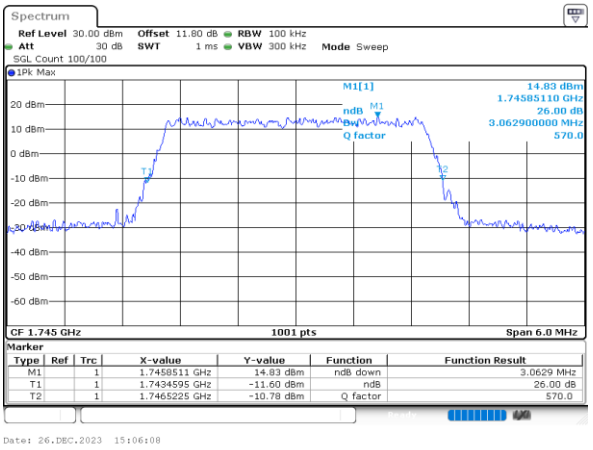


## LTE Band 66

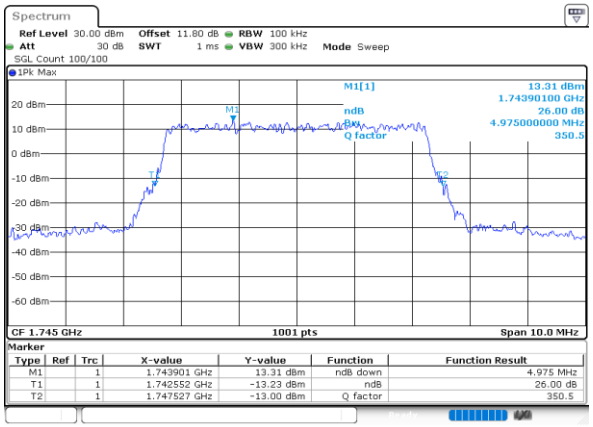
### Middle Channel / 1.4MHz / 256QAM



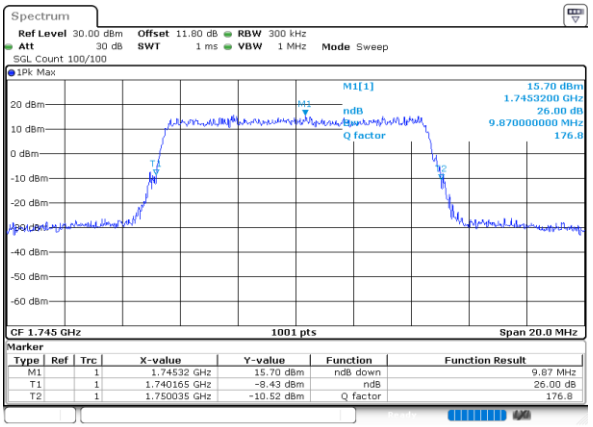

### Middle Channel / 3MHz / 256QAM



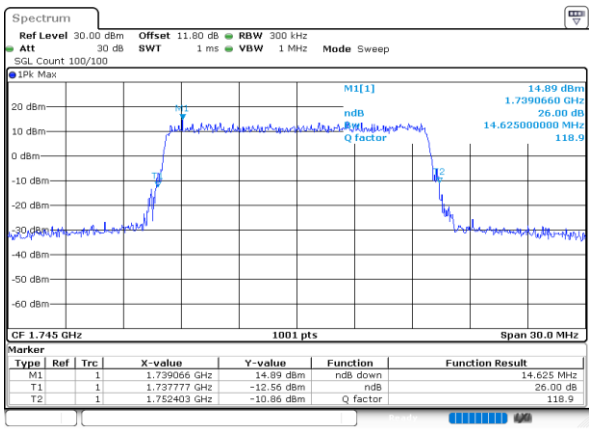

### Middle Channel / 5MHz / 256QAM



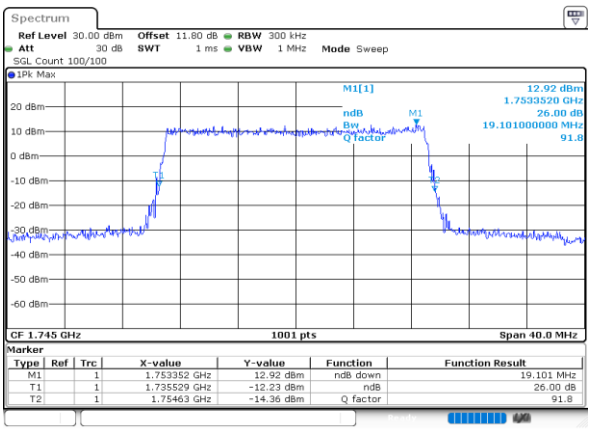

### Middle Channel / 10MHz / 256QAM




### Middle Channel / 15MHz / 256QAM




### Middle Channel / 20MHz / 256QAM

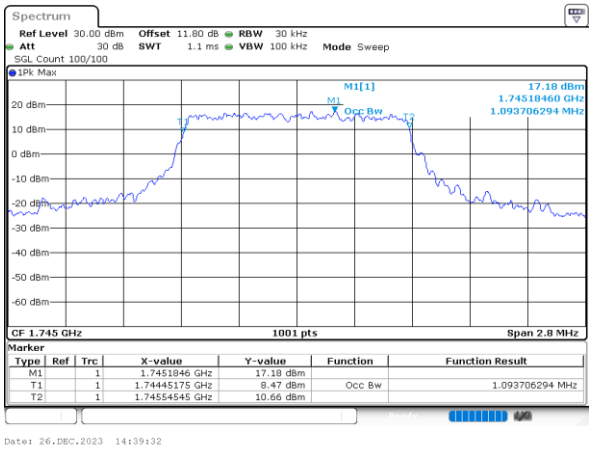


# Occupied Bandwidth

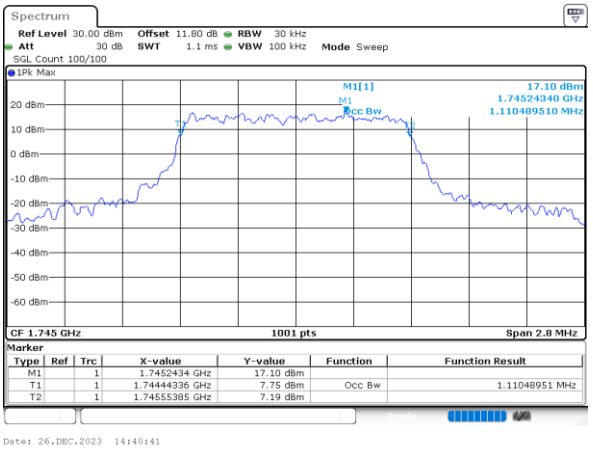
| Mode | LTE Band 66 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | 1.09 | 1.11 | 2.73 | 2.73 | 4.50 | 4.55 | 9.05 | 9.09 | 13.45 | 13.45 | 17.90 | 17.90 |
| Mode | LTE Band 66 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 1.09 | 1.09 | 2.72 | 2.72 | 4.50 | 4.49 | 9.07 | 9.03 | 13.48 | 13.48 | 17.90 | 17.90 |

## LTE Band 66

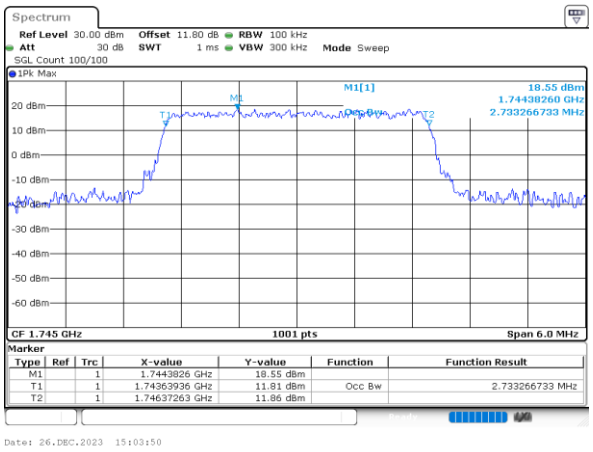
### Middle Channel / 1.4MHz / QPSK



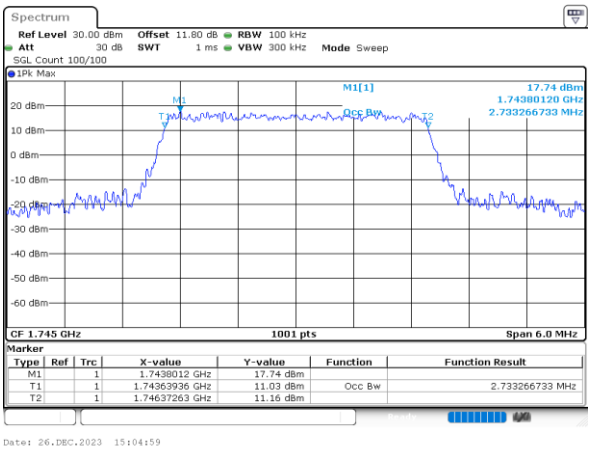

### Middle Channel / 1.4MHz / 16QAM



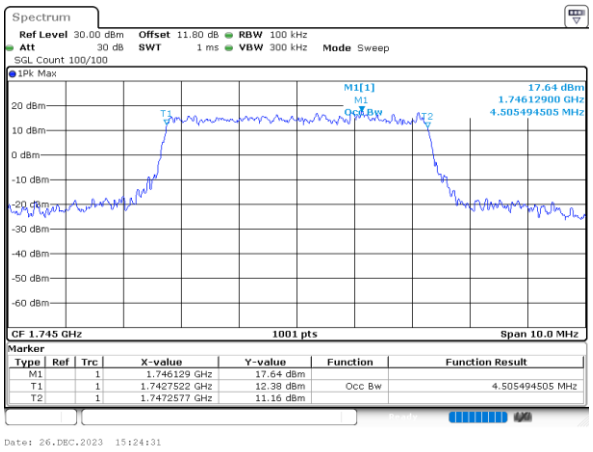

### Middle Channel / 3MHz / QPSK



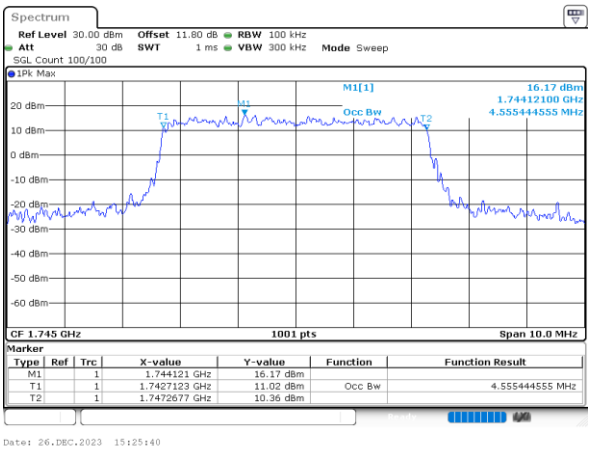

### Middle Channel / 3MHz / 16QAM




### Middle Channel / 5MHz / QPSK

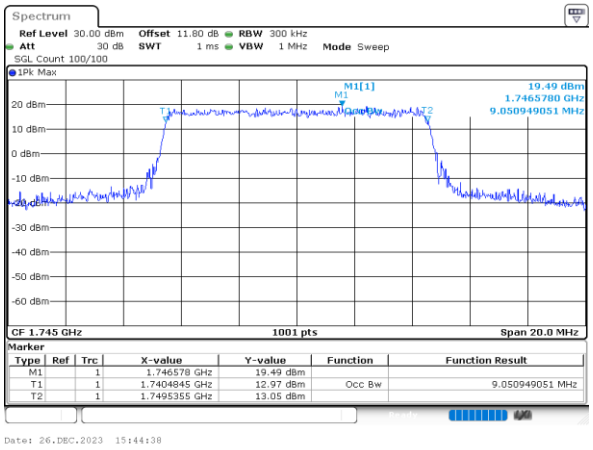



### Middle Channel / 5MHz / 16QAM

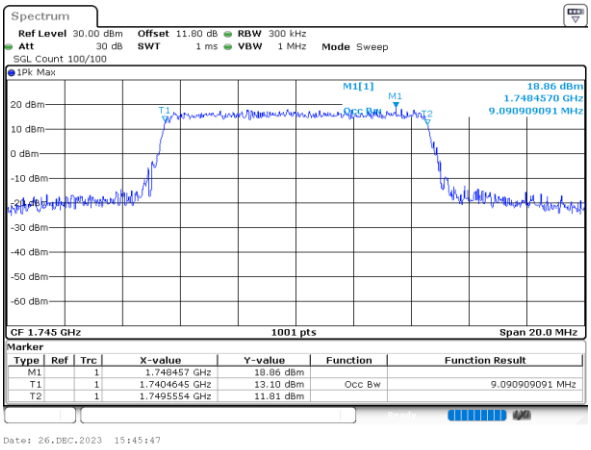


## LTE Band 66

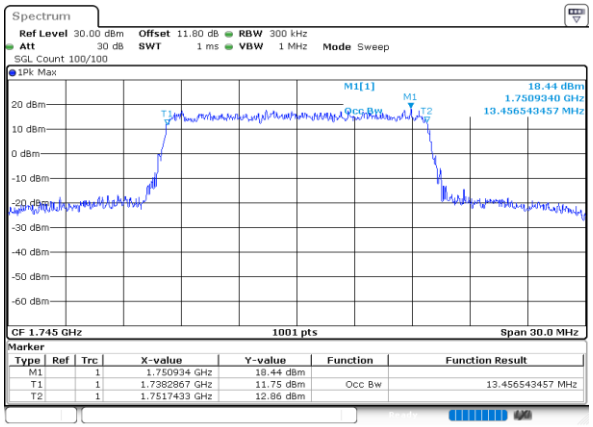
### Middle Channel / 10MHz / QPSK



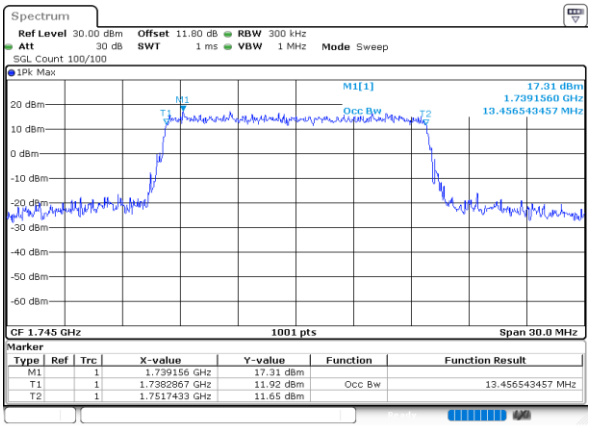

### Middle Channel / 10MHz / 16QAM



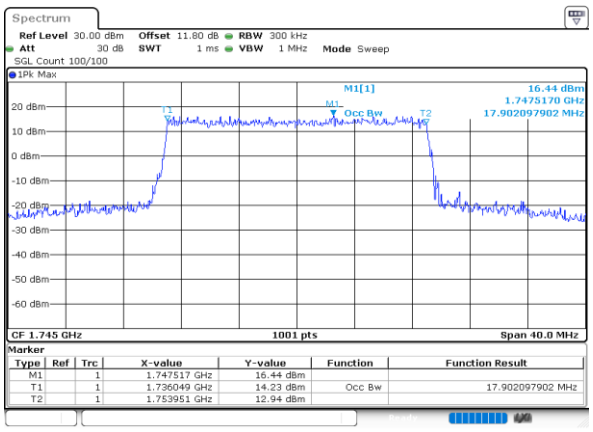

### Middle Channel / 15MHz / QPSK



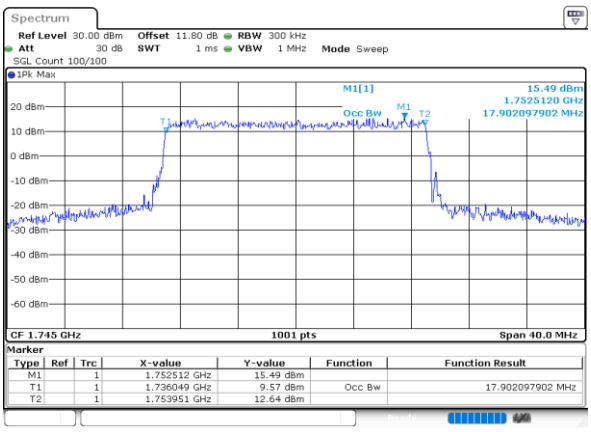

### Middle Channel / 15MHz / 16QAM




### Middle Channel / 20MHz / QPSK

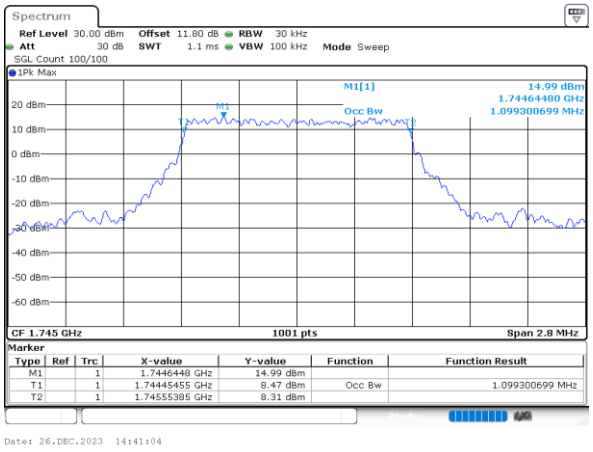



### Middle Channel / 20MHz / 16QAM

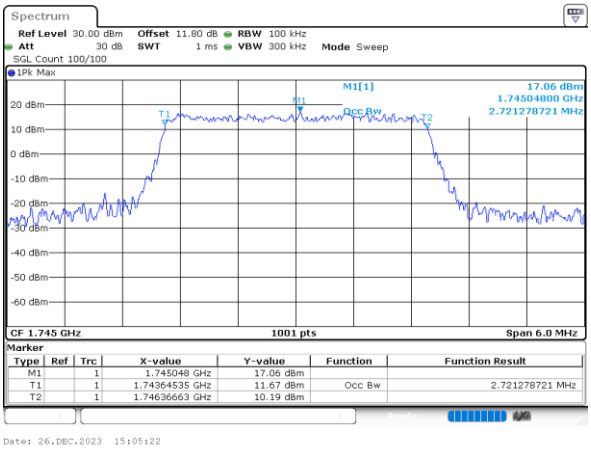


## LTE Band 66

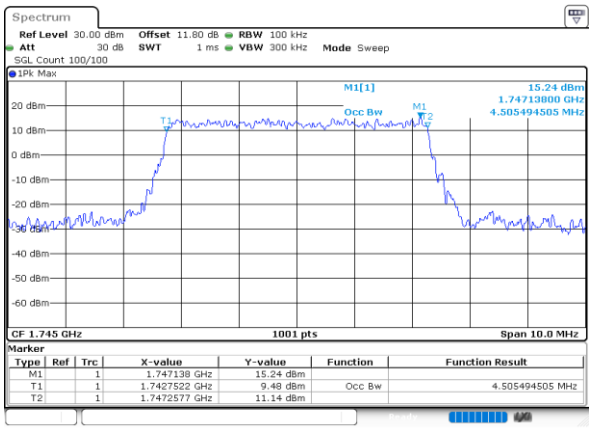
### Middle Channel / 1.4MHz / 64QAM



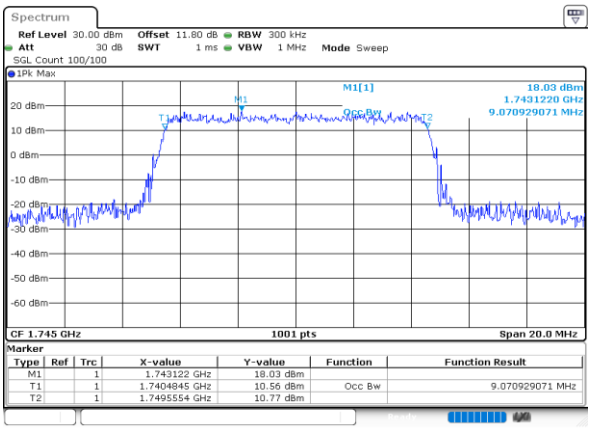

### Middle Channel / 3MHz / 64QAM



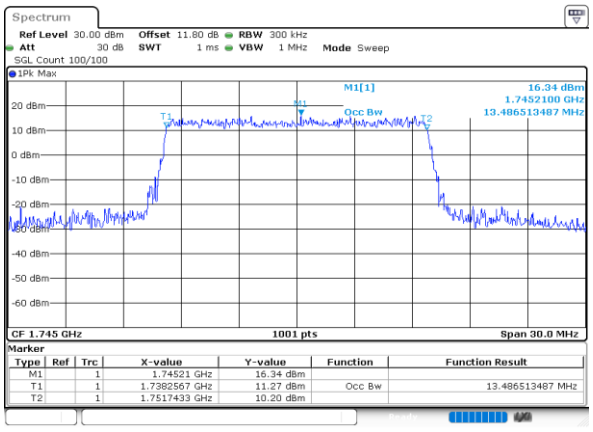

### Middle Channel / 5MHz / 64QAM



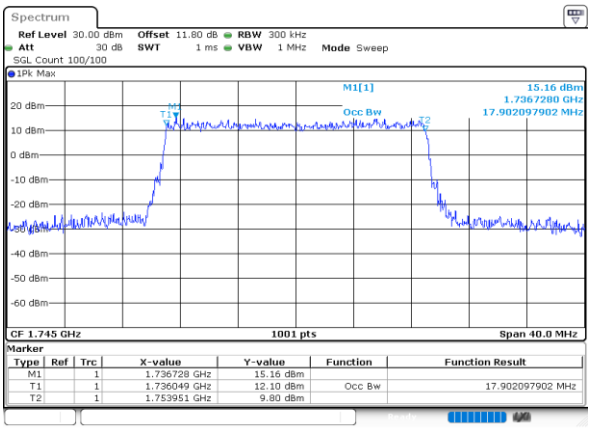

### Middle Channel / 10MHz / 64QAM




### Middle Channel / 15MHz / 64QAM

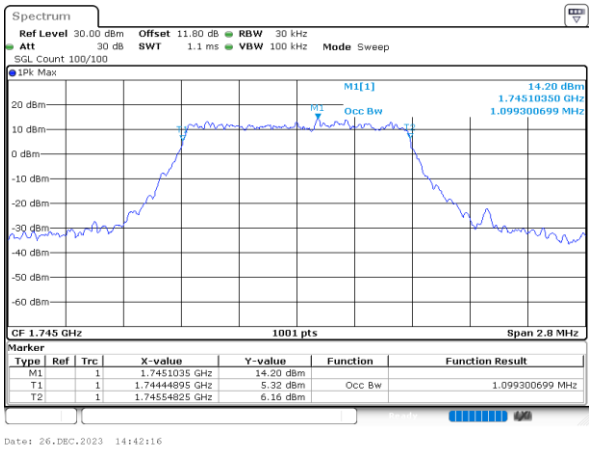



### Middle Channel / 20MHz / 64QAM

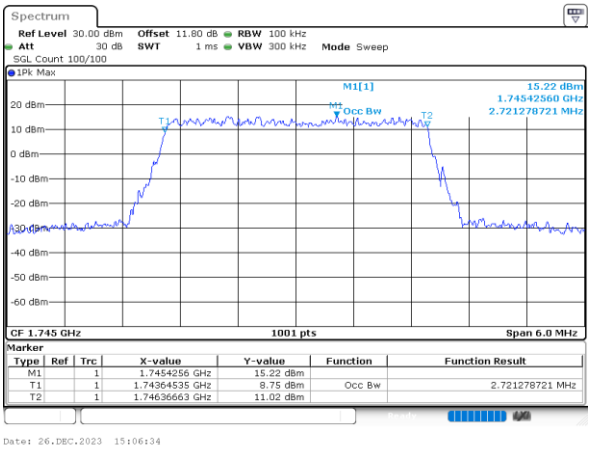


## LTE Band 66

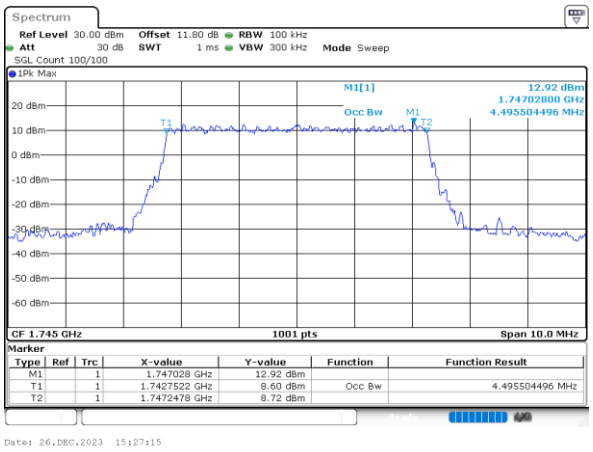
### Middle Channel / 1.4MHz / 256QAM



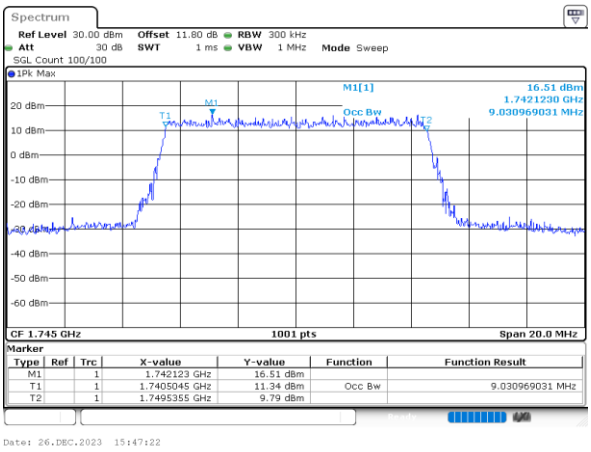

### Middle Channel / 3MHz / 256QAM



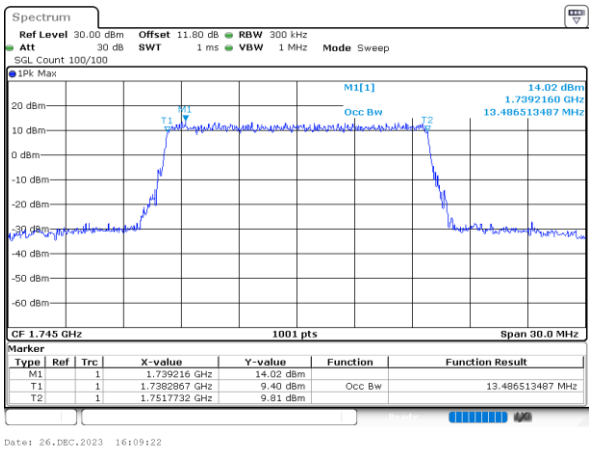

### Middle Channel / 5MHz / 256QAM



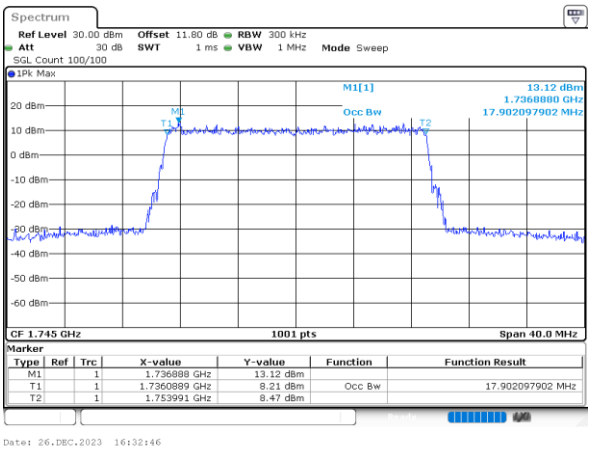

### Middle Channel / 10MHz / 256QAM




### Middle Channel / 15MHz / 256QAM



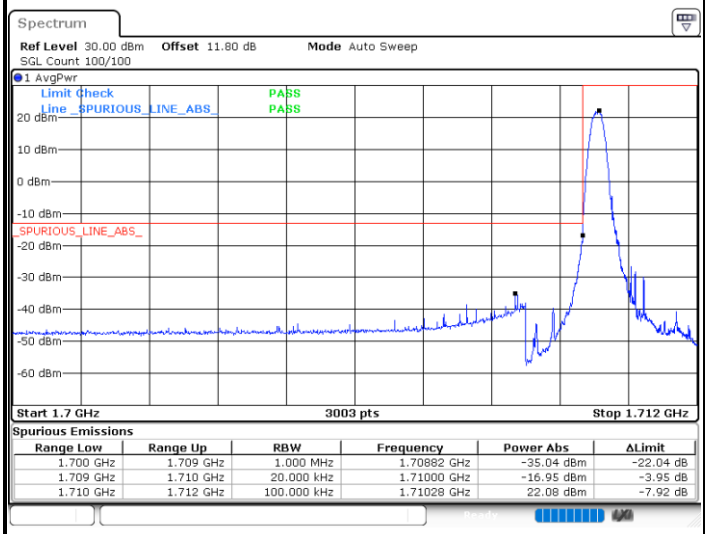

### Middle Channel / 20MHz / 256QAM



# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

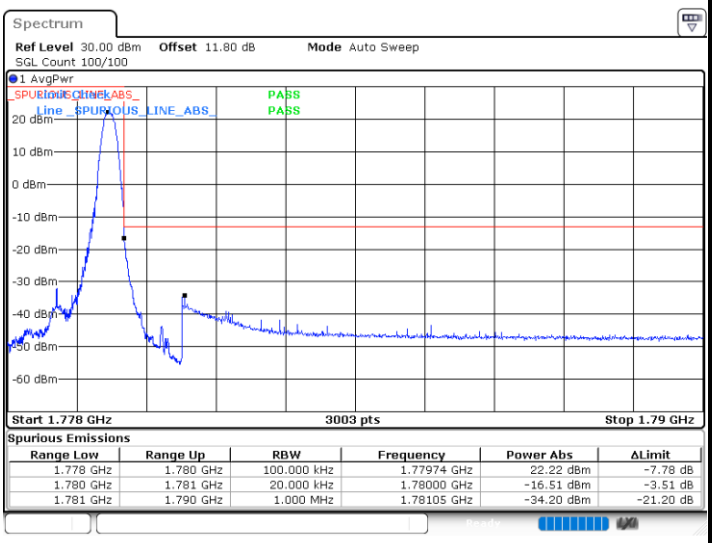



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70882 GHz | -35.04 dBm | -22.04 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -16.95 dBm | -3.95 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71028 GHz | 22.08 dBm | -7.92 dB |

Date: 26.DEC.2023 14:29:47

### Highest Band Edge / 1RB

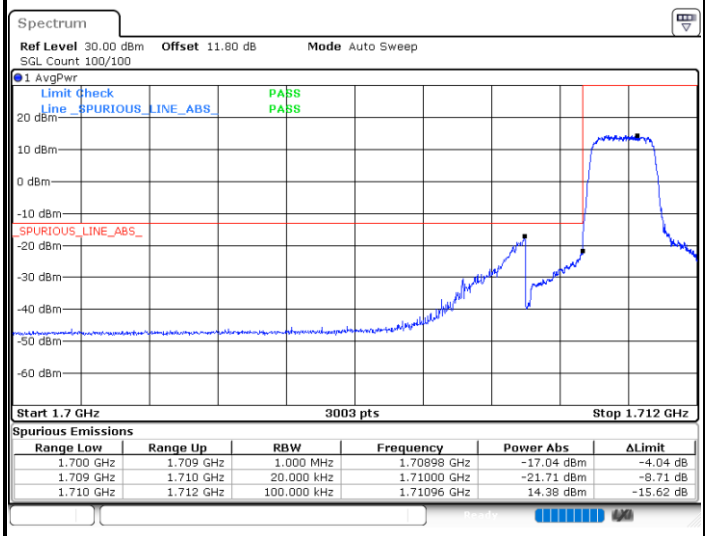



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77974 GHz | 22.22 dBm | -7.78 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78000 GHz | -16.51 dBm | -3.51 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78105 GHz | -34.20 dBm | -21.20 dB |

Date: 26.DEC.2023 14:45:14

### Lowest Band Edge / Full RB

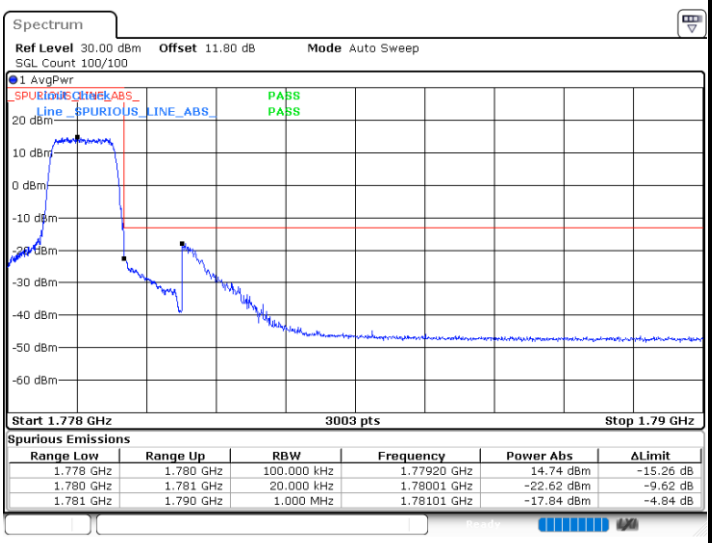



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -17.04 dBm | -4.04 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -21.71 dBm | -8.71 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71096 GHz | 14.38 dBm | -15.62 dB |

Date: 26.DEC.2023 14:35:30

### Highest Band Edge / Full RB



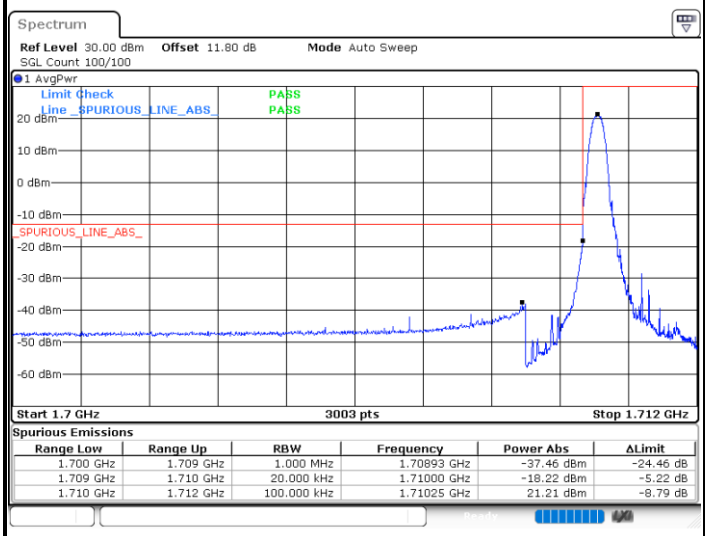

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77920 GHz | 14.74 dBm | -15.26 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78001 GHz | -22.62 dBm | -9.62 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78101 GHz | -17.84 dBm | -4.84 dB |

Date: 26.DEC.2023 14:50:05

## LTE Band 66 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

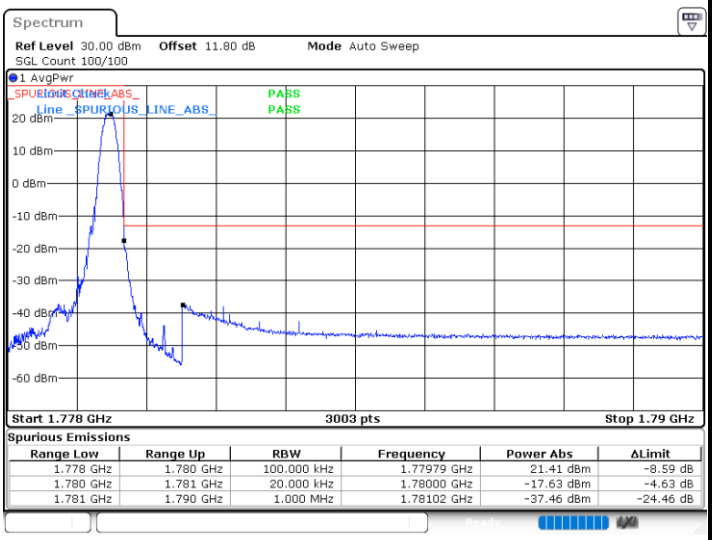



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70893 GHz | -37.46 dBm | -24.46 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -18.22 dBm | -5.22 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71025 GHz | 21.21 dBm | -8.79 dB |

Date: 26.DEC.2023 14:31:51

### Highest Band Edge / 1 RB

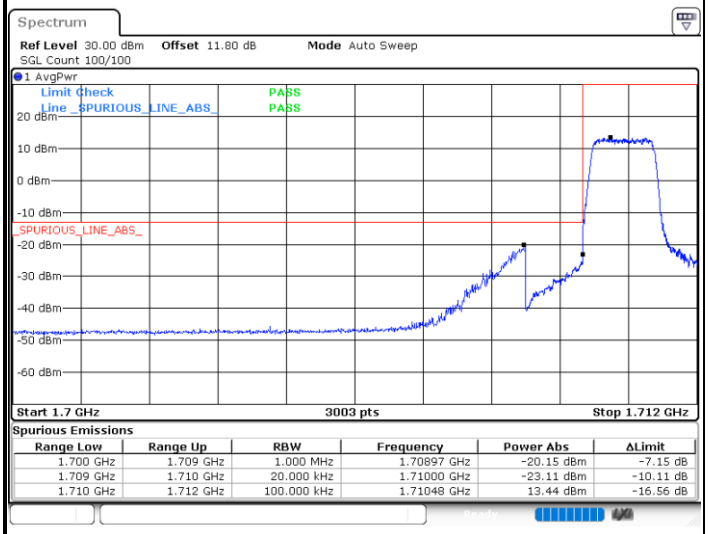



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77979 GHz | 21.41 dBm | -8.59 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78000 GHz | -17.63 dBm | -4.63 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78102 GHz | -37.46 dBm | -24.46 dB |

Date: 26.DEC.2023 14:46:26

### Lowest Band Edge / Full RB

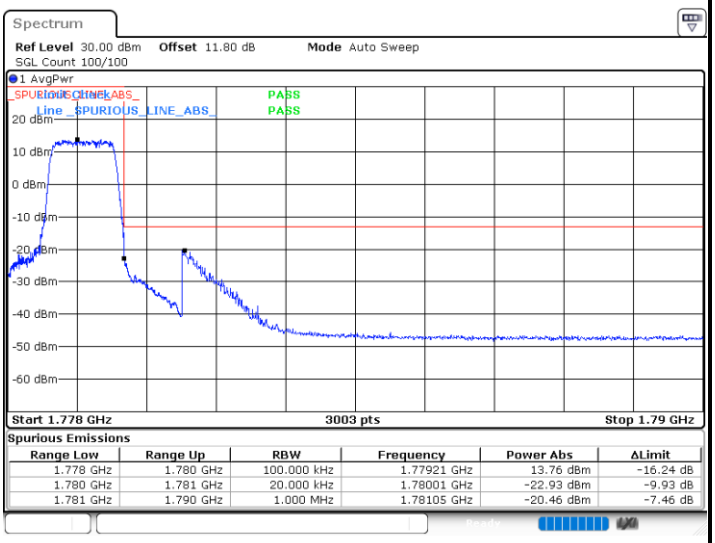



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70897 GHz | -20.15 dBm | -7.15 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -23.11 dBm | -10.11 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71048 GHz | 13.44 dBm | -16.56 dB |

Date: 26.DEC.2023 14:36:42

### Highest Band Edge / Full RB



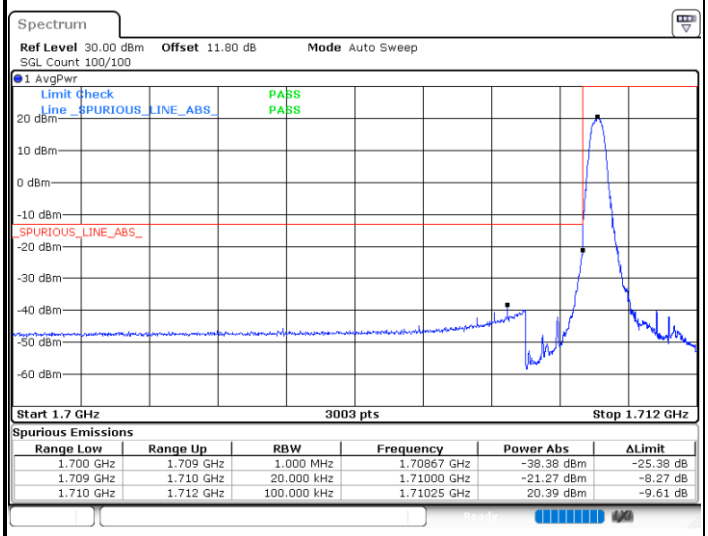

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77921 GHz | 13.76 dBm | -16.24 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78001 GHz | -22.93 dBm | -9.93 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78105 GHz | -20.46 dBm | -7.46 dB |

Date: 26.DEC.2023 14:51:17

## LTE Band 66 / 1.4MHz / 64QAM

### Lowest Band Edge / 1 RB

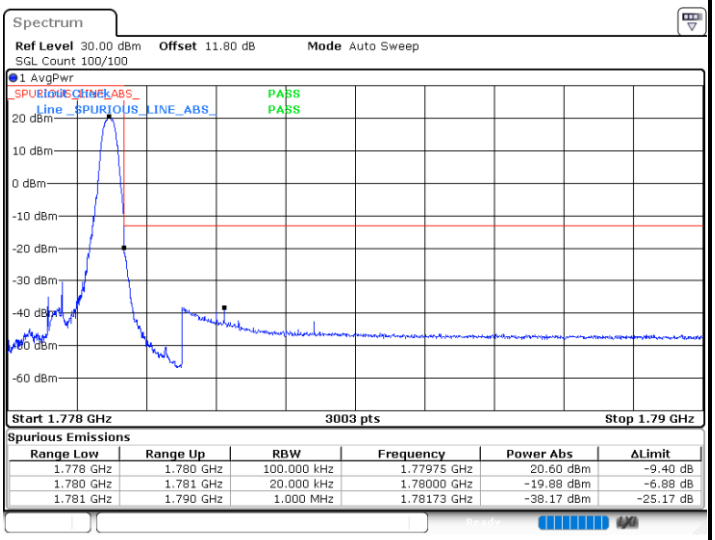



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70867 GHz | -38.38 dBm | -25.38 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -21.27 dBm | -8.27 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71025 GHz | 20.39 dBm | -9.61 dB |

Date: 26.DEC.2023 14:33:03

### Highest Band Edge / 1 RB

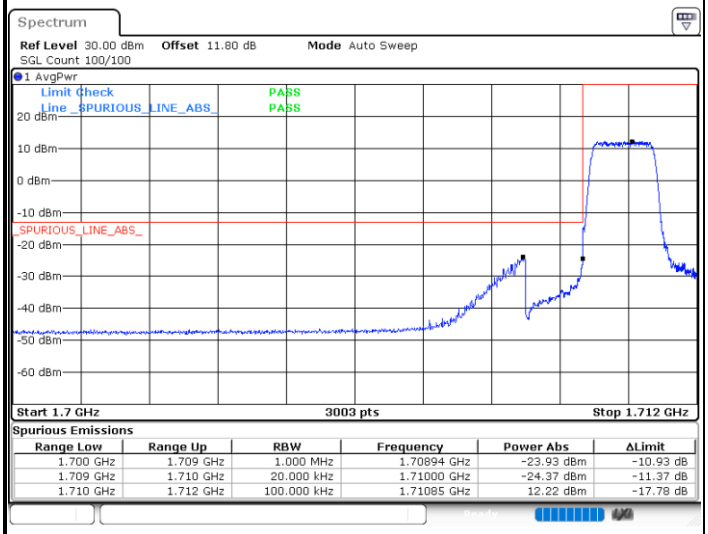



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77975 GHz | 20.60 dBm | -9.40 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78000 GHz | -19.88 dBm | -6.88 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78173 GHz | -38.17 dBm | -25.17 dB |

Date: 26.DEC.2023 14:47:38

### Lowest Band Edge / Full RB

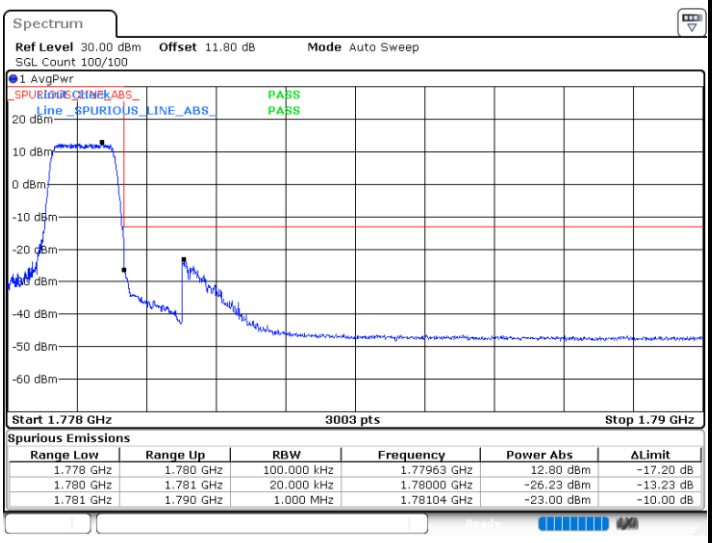



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70894 GHz | -23.93 dBm | -10.93 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -24.37 dBm | -11.37 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71085 GHz | 12.22 dBm | -17.78 dB |

Date: 26.DEC.2023 14:37:54

### Highest Band Edge / Full RB



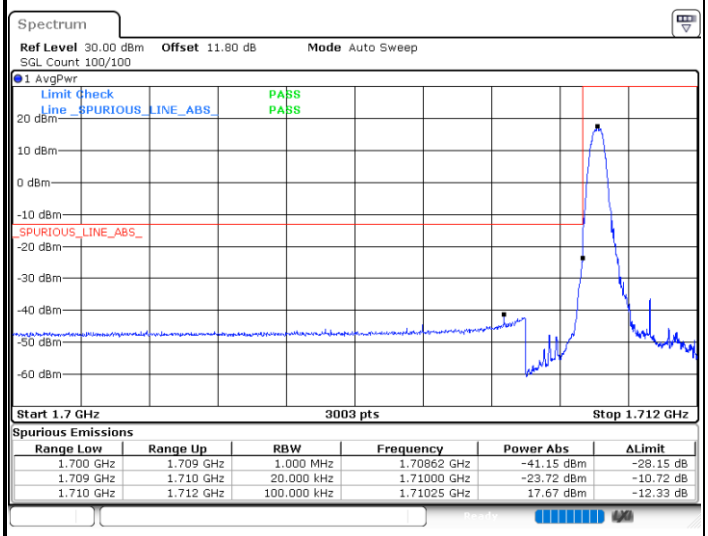

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77963 GHz | 12.80 dBm | -17.20 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78000 GHz | -26.23 dBm | -13.23 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78104 GHz | -23.00 dBm | -10.00 dB |

Date: 26.DEC.2023 14:52:29

## LTE Band 66 / 1.4MHz / 256QAM

### Lowest Band Edge / 1 RB

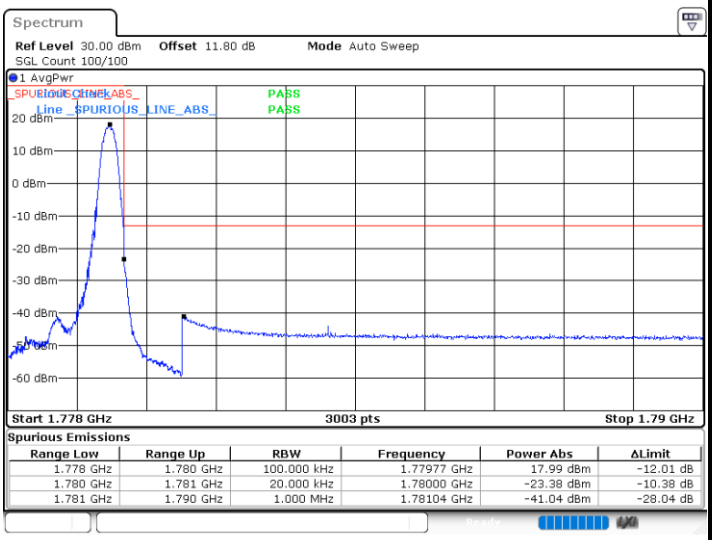



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70862 GHz | -41.15 dBm | -28.15 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -23.72 dBm | -10.72 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71025 GHz | 17.67 dBm | -12.33 dB |

Date: 26.DEC.2023 14:34:15

### Highest Band Edge / 1 RB

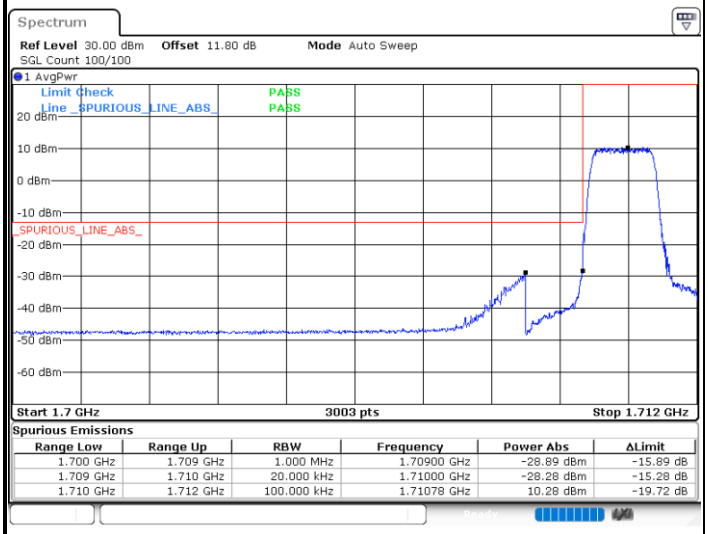



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77977 GHz | 17.99 dBm | -12.01 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78000 GHz | -23.38 dBm | -10.38 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78104 GHz | -41.04 dBm | -28.04 dB |

Date: 26.DEC.2023 14:48:50

### Lowest Band Edge / Full RB

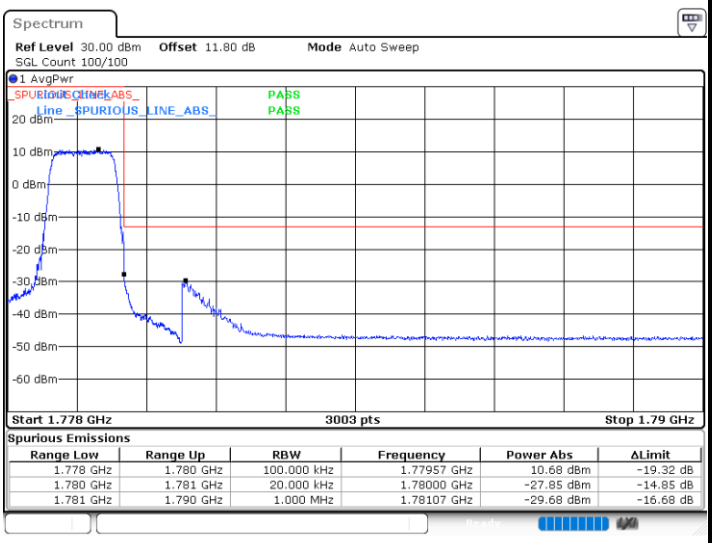



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -28.89 dBm | -15.89 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -28.28 dBm | -15.28 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71078 GHz | 10.28 dBm | -19.72 dB |

Date: 26.DEC.2023 14:39:06

### Highest Band Edge / Full RB



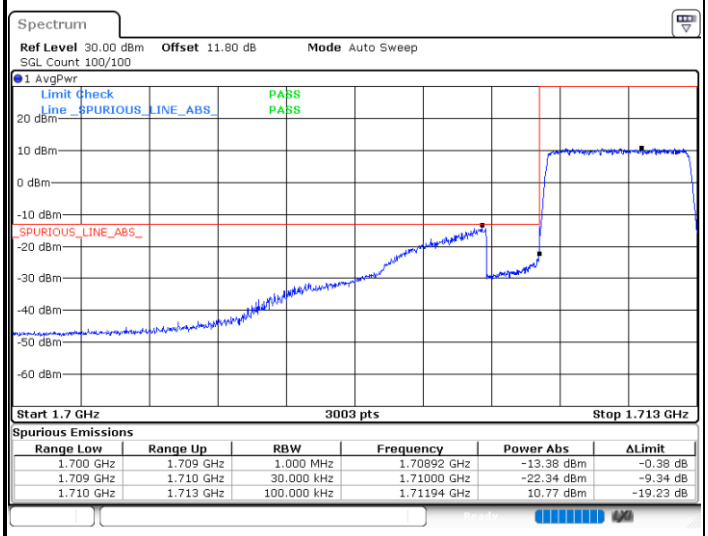

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77957 GHz | 10.68 dBm | -19.32 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78000 GHz | -27.85 dBm | -14.85 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78107 GHz | -29.68 dBm | -16.68 dB |

Date: 26.DEC.2023 14:53:41

## LTE Band 66 / 3MHz / QPSK

### Lowest Band Edge / Full RB

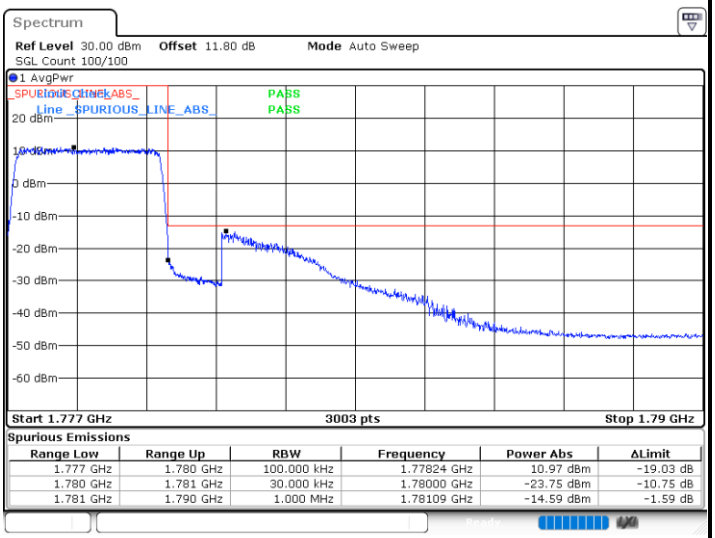



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70892 GHz | -13.38 dBm | -0.38 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -22.34 dBm | -9.34 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71194 GHz | 10.77 dBm | -19.23 dB |

Date: 26.DEC.2023 15:00:48

### Highest Band Edge / Full RB



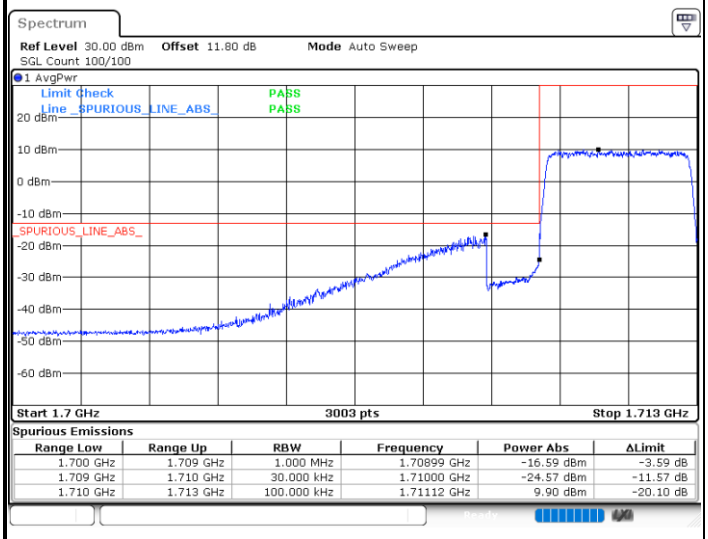

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77824 GHz | 10.97 dBm | -19.03 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -23.75 dBm | -10.75 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78109 GHz | -14.59 dBm | -1.59 dB |

Date: 26.DEC.2023 15:12:43

## LTE Band 66 / 3MHz / 16QAM

### Lowest Band Edge / Full RB

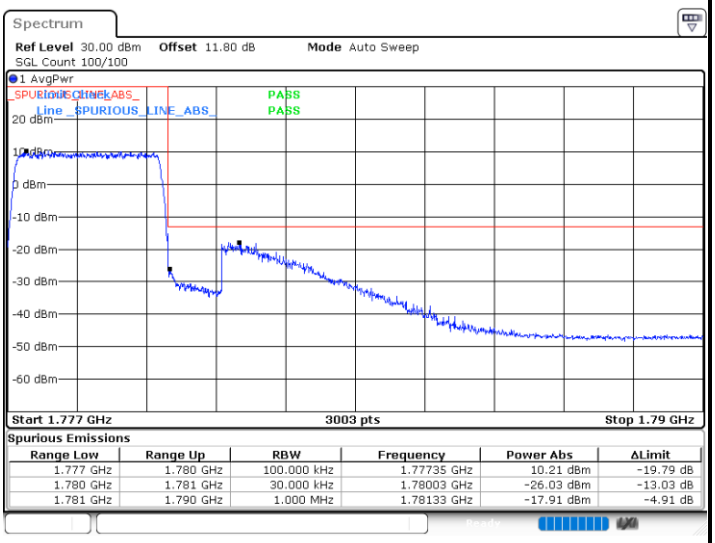



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -16.59 dBm | -3.59 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -24.57 dBm | -11.57 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71112 GHz | 9.90 dBm | -20.10 dB |

Date: 26.DEC.2023 15:01:40

### Highest Band Edge / Full RB



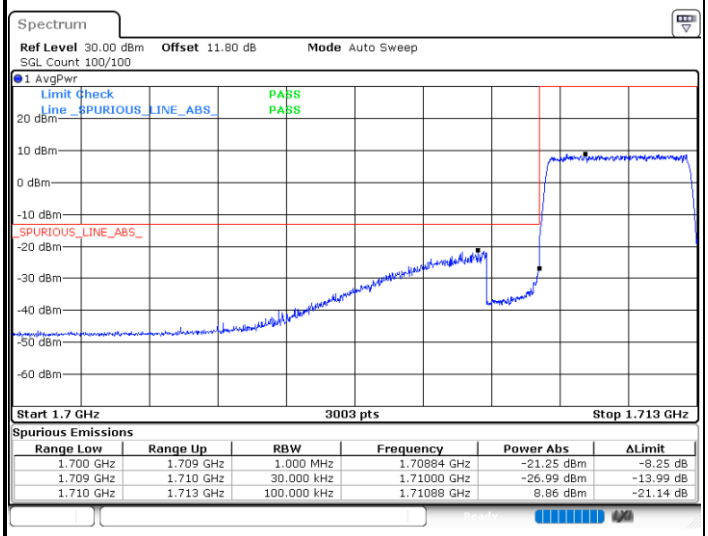

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77735 GHz | 10.21 dBm | -19.79 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78003 GHz | -26.03 dBm | -13.03 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78133 GHz | -17.91 dBm | -4.91 dB |

Date: 26.DEC.2023 15:13:35

## LTE Band 66 / 3MHz / 64QAM

### Lowest Band Edge / Full RB

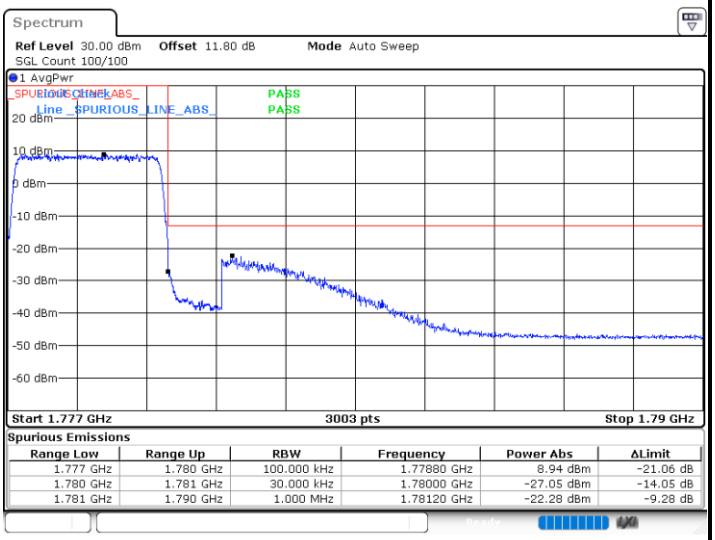



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70884 GHz | -21.25 dBm | -8.25 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -26.99 dBm | -13.99 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71088 GHz | 8.86 dBm | -21.14 dB |

Date: 26.DEC.2023 15:02:32

### Highest Band Edge / Full RB



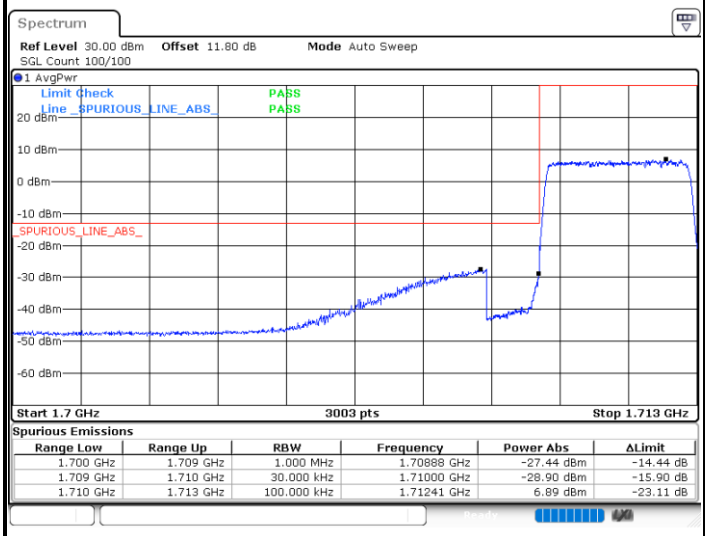

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77880 GHz | 8.94 dBm | -21.06 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -27.05 dBm | -14.05 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78120 GHz | -22.28 dBm | -9.28 dB |

Date: 26.DEC.2023 15:14:27

## LTE Band 66 / 3MHz / 256QAM

### Lowest Band Edge / Full RB

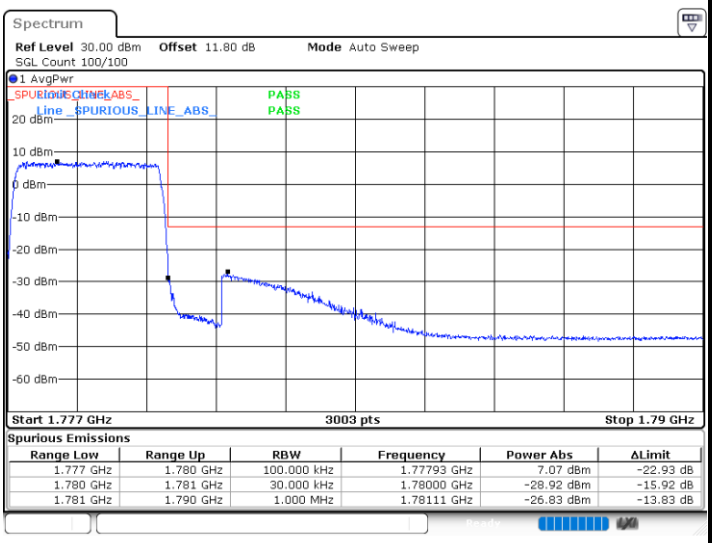



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70888 GHz | -27.44 dBm | -14.44 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -28.90 dBm | -15.90 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71241 GHz | 6.89 dBm | -23.11 dB |

Date: 26.DEC.2023 15:03:24

### Highest Band Edge / Full RB



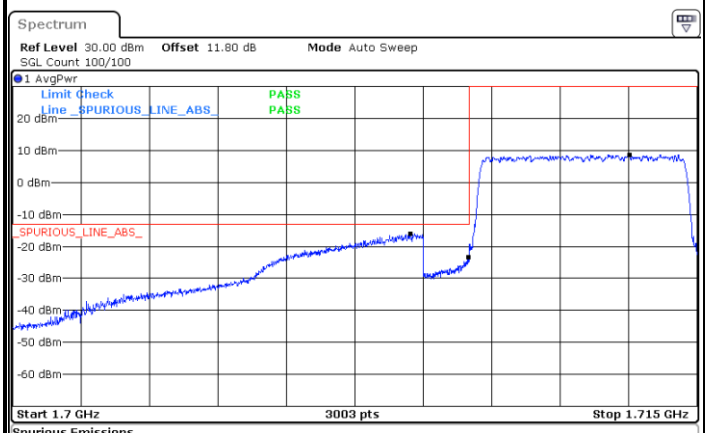

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77793 GHz | 7.07 dBm | -22.93 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -28.92 dBm | -15.92 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78111 GHz | -26.83 dBm | -13.83 dB |

Date: 26.DEC.2023 15:15:19

## LTE Band 66 / 5MHz / QPSK

### Lowest Band Edge / Full RB

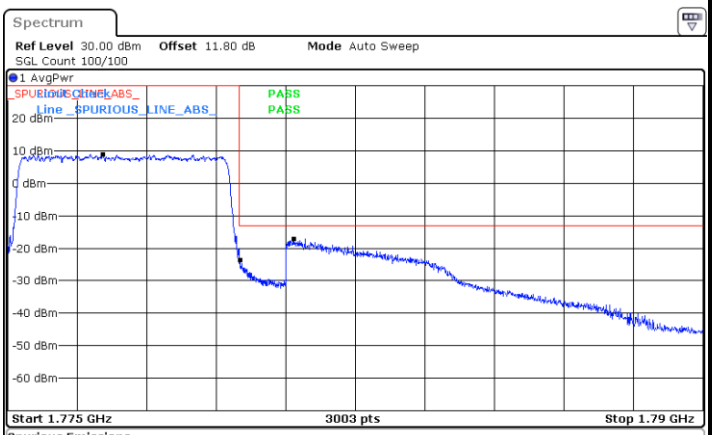



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70871 GHz | -16.01 dBm | -3.01 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.70999 GHz | -23.32 dBm | -10.32 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71351 GHz | 8.63 dBm | -21.37 dB |

Date: 26.DEC.2023 15:21:29

### Highest Band Edge / Full RB



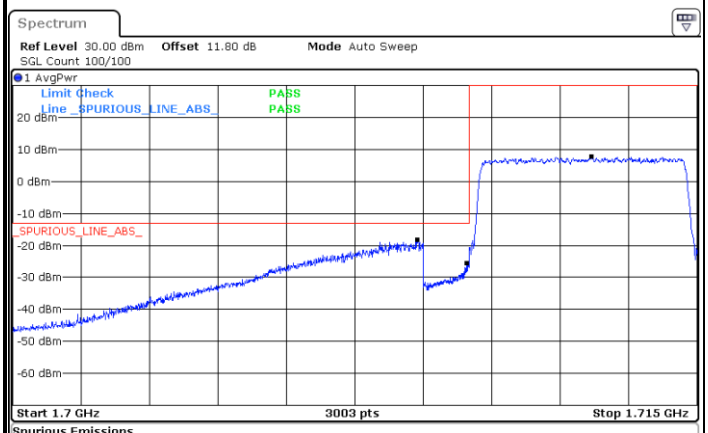

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.775 GHz | 1.780 GHz | 100.000 kHz | 1.77705 GHz | 8.85 dBm | -21.15 dB |
| 1.780 GHz | 1.781 GHz | 50.000 kHz | 1.78001 GHz | -23.70 dBm | -10.70 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78117 GHz | -17.11 dBm | -4.11 dB |

Date: 26.DEC.2023 15:33:24

## LTE Band 66 / 5MHz / 16QAM

### Lowest Band Edge / Full RB

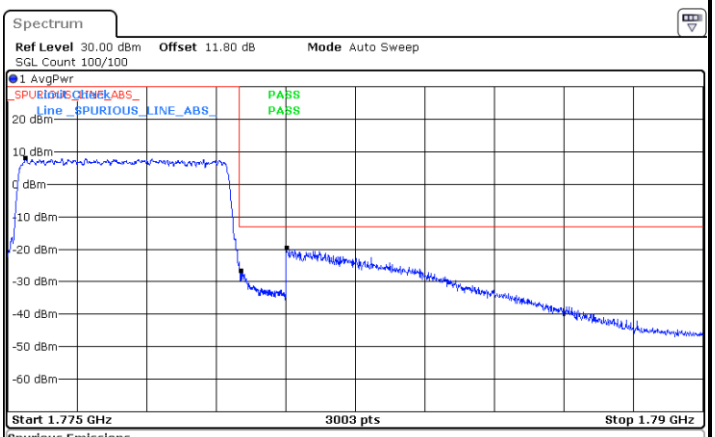



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70887 GHz | -18.16 dBm | -5.16 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.70995 GHz | -25.45 dBm | -12.45 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71269 GHz | 7.73 dBm | -22.27 dB |

Date: 26.DEC.2023 15:22:21

### Highest Band Edge / Full RB



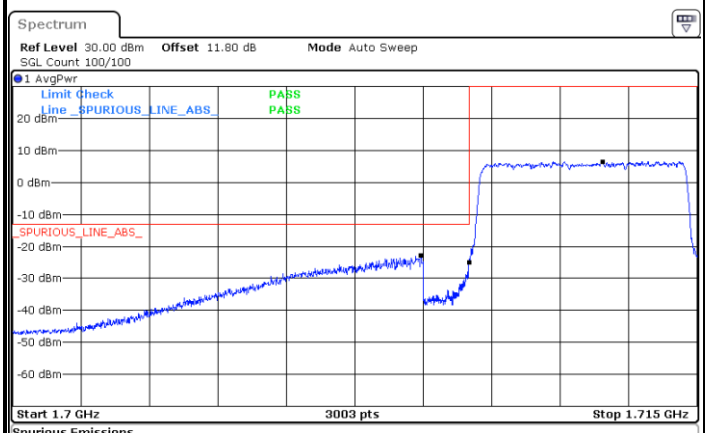

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.775 GHz | 1.780 GHz | 100.000 kHz | 1.77539 GHz | 8.07 dBm | -21.93 dB |
| 1.780 GHz | 1.781 GHz | 50.000 kHz | 1.78003 GHz | -26.57 dBm | -13.57 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78101 GHz | -19.53 dBm | -6.53 dB |

Date: 26.DEC.2023 15:34:16

## LTE Band 66 / 5MHz / 64QAM

### Lowest Band Edge / Full RB

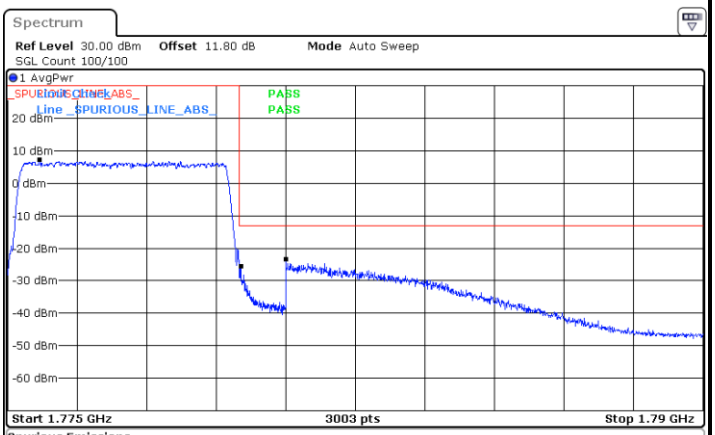



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70895 GHz | -22.94 dBm | -9.94 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -25.14 dBm | -12.14 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71293 GHz | 6.53 dBm | -23.47 dB |

Date: 26.DEC.2023 15:23:13

### Highest Band Edge / Full RB



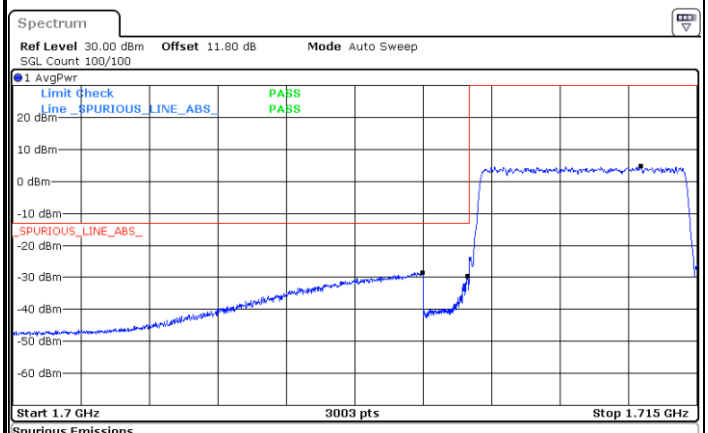

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.775 GHz | 1.780 GHz | 100.000 kHz | 1.77569 GHz | 7.12 dBm | -22.88 dB |
| 1.780 GHz | 1.781 GHz | 50.000 kHz | 1.78003 GHz | -25.55 dBm | -12.55 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78100 GHz | -23.45 dBm | -10.45 dB |

Date: 26.DEC.2023 15:35:08

## LTE Band 66 / 5MHz / 256QAM

### Lowest Band Edge / Full RB

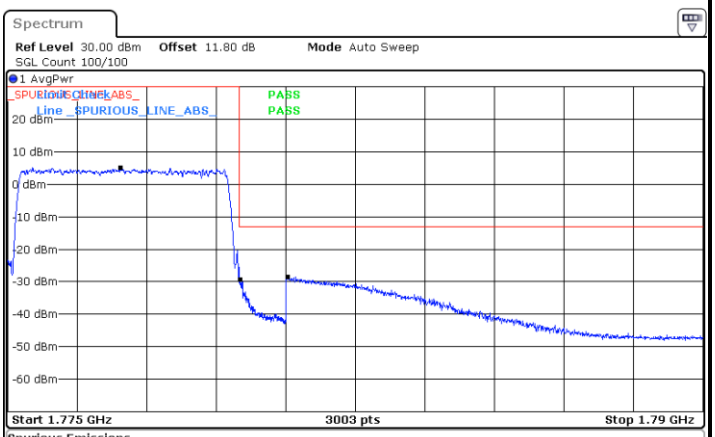



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -28.59 dBm | -15.59 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.70996 GHz | -29.68 dBm | -16.68 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71377 GHz | 4.74 dBm | -25.26 dB |

Date: 26.DEC.2023 15:24:05

### Highest Band Edge / Full RB



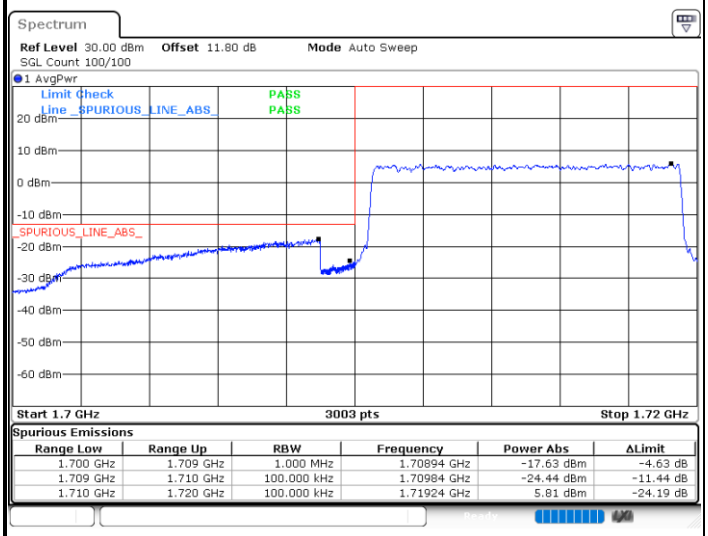

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.775 GHz | 1.780 GHz | 100.000 kHz | 1.77744 GHz | 5.13 dBm | -24.87 dB |
| 1.780 GHz | 1.781 GHz | 50.000 kHz | 1.78001 GHz | -29.24 dBm | -16.24 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78104 GHz | -28.53 dBm | -15.53 dB |

Date: 26.DEC.2023 15:36:00

## LTE Band 66 / 10MHz / QPSK

### Lowest Band Edge / Full RB

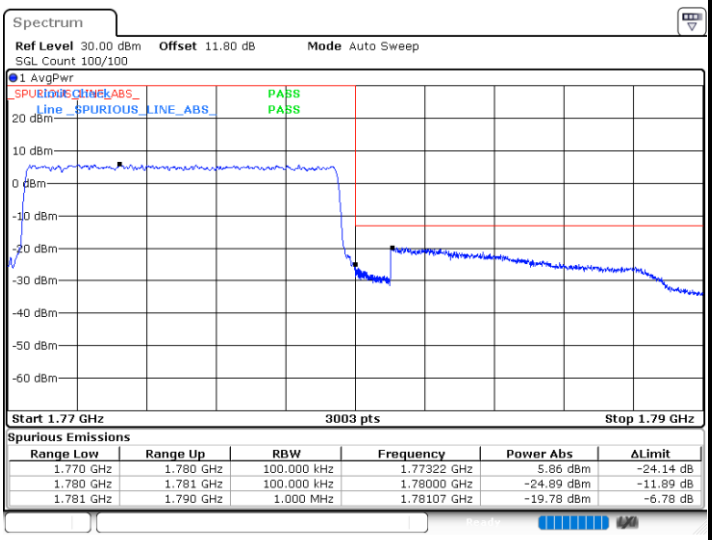



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70894 GHz | -17.63 dBm | -4.63 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70984 GHz | -24.44 dBm | -11.44 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71924 GHz | 5.81 dBm | -24.19 dB |

Date: 26.DEC.2023 15:41:36

### Highest Band Edge / Full RB



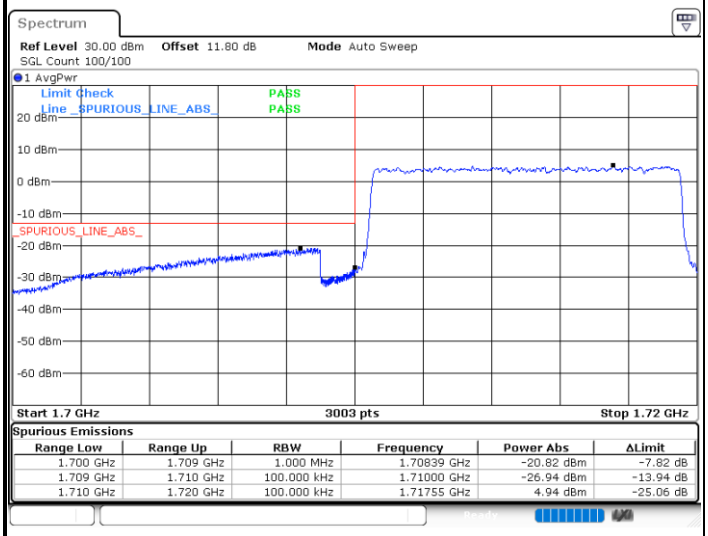

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.770 GHz | 1.780 GHz | 100.000 kHz | 1.77322 GHz | 5.86 dBm | -24.14 dB |
| 1.780 GHz | 1.781 GHz | 100.000 kHz | 1.78000 GHz | -24.89 dBm | -11.89 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78107 GHz | -19.78 dBm | -6.78 dB |

Date: 26.DEC.2023 15:53:31

## LTE Band 66 / 10MHz / 16QAM

### Lowest Band Edge / Full RB

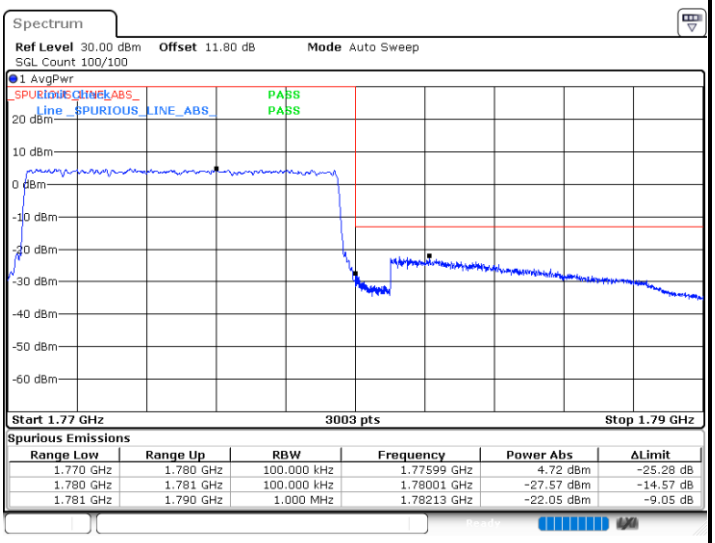



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70839 GHz | -20.82 dBm | -7.82 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -26.94 dBm | -13.94 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71755 GHz | 4.94 dBm | -25.06 dB |

Date: 26.DEC.2023 15:42:28

### Highest Band Edge / Full RB



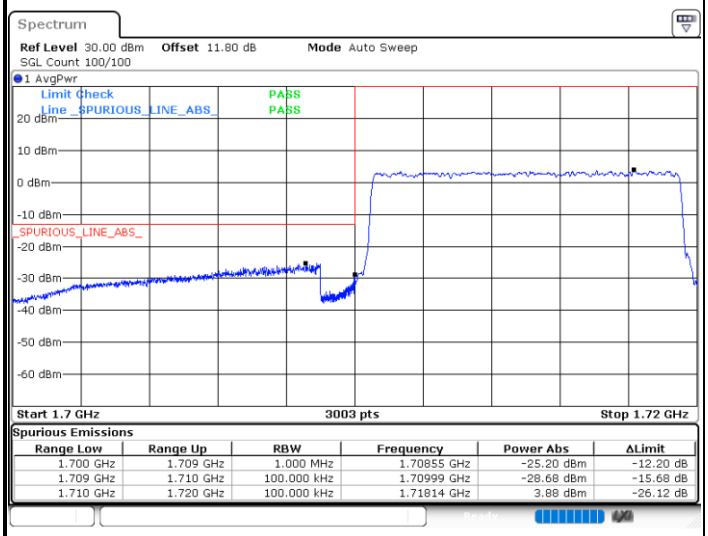

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.770 GHz | 1.780 GHz | 100.000 kHz | 1.77599 GHz | 4.72 dBm | -25.28 dB |
| 1.780 GHz | 1.781 GHz | 100.000 kHz | 1.78001 GHz | -27.57 dBm | -14.57 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78213 GHz | -22.05 dBm | -9.05 dB |

Date: 26.DEC.2023 15:54:23

## LTE Band 66 / 10MHz / 64QAM

### Lowest Band Edge / Full RB

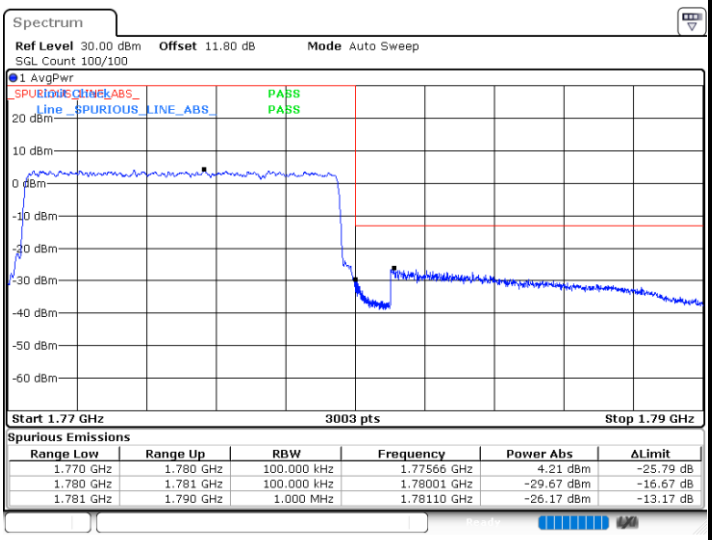



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70855 GHz | -25.20 dBm | -12.20 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -28.68 dBm | -15.68 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71814 GHz | 3.88 dBm | -26.12 dB |

Date: 26.DEC.2023 15:43:20

### Highest Band Edge / Full RB



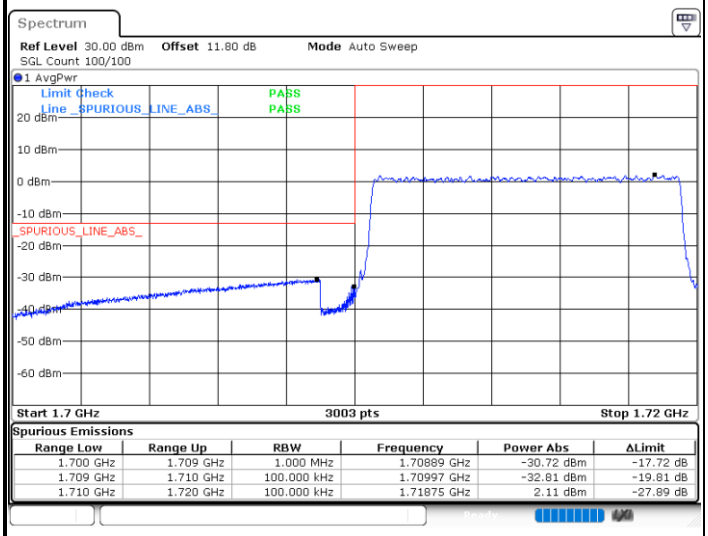

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.770 GHz | 1.780 GHz | 100.000 kHz | 1.77566 GHz | 4.21 dBm | -25.79 dB |
| 1.780 GHz | 1.781 GHz | 100.000 kHz | 1.78001 GHz | -29.67 dBm | -16.67 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78110 GHz | -26.17 dBm | -13.17 dB |

Date: 26.DEC.2023 15:55:15

## LTE Band 66 / 10MHz / 256QAM

### Lowest Band Edge / Full RB

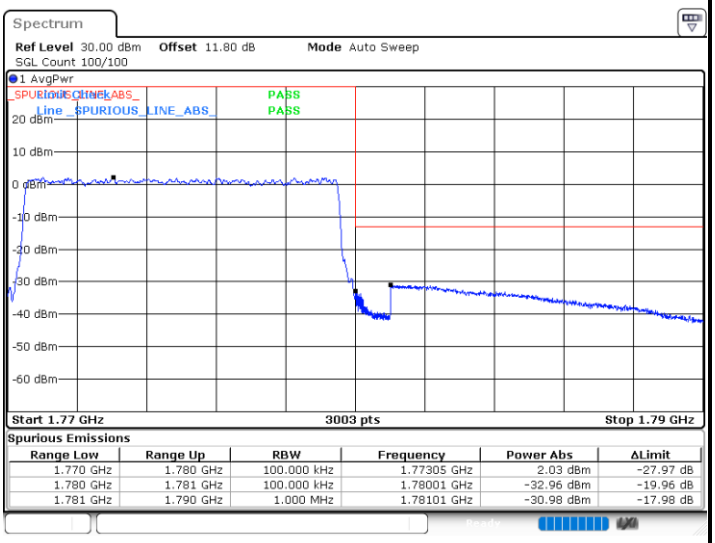



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70889 GHz | -30.72 dBm | -17.72 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70997 GHz | -32.81 dBm | -19.81 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71875 GHz | 2.11 dBm | -27.89 dB |

Date: 26.DEC.2023 15:44:12

### Highest Band Edge / Full RB



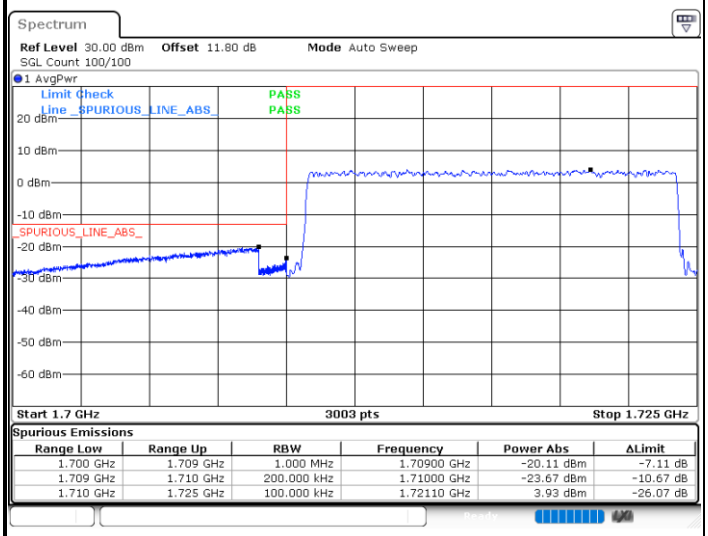

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.770 GHz | 1.780 GHz | 100.000 kHz | 1.77305 GHz | 2.03 dBm | -27.97 dB |
| 1.780 GHz | 1.781 GHz | 100.000 kHz | 1.78001 GHz | -32.96 dBm | -19.96 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78101 GHz | -30.98 dBm | -17.98 dB |

Date: 26.DEC.2023 15:56:07

## LTE Band 66 / 15MHz / QPSK

### Lowest Band Edge / Full RB

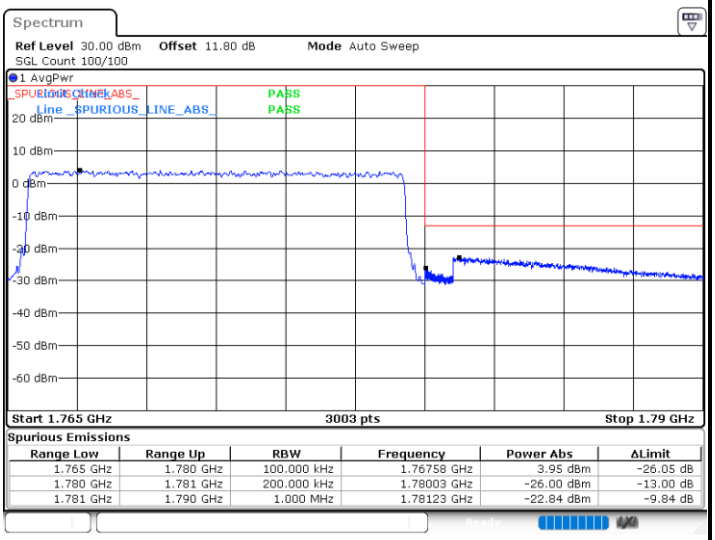



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -20.11 dBm | -7.11 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.71000 GHz | -23.67 dBm | -10.67 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.72110 GHz | 3.93 dBm | -26.07 dB |

Date: 26.DEC.2023 16:03:36

### Highest Band Edge / Full RB



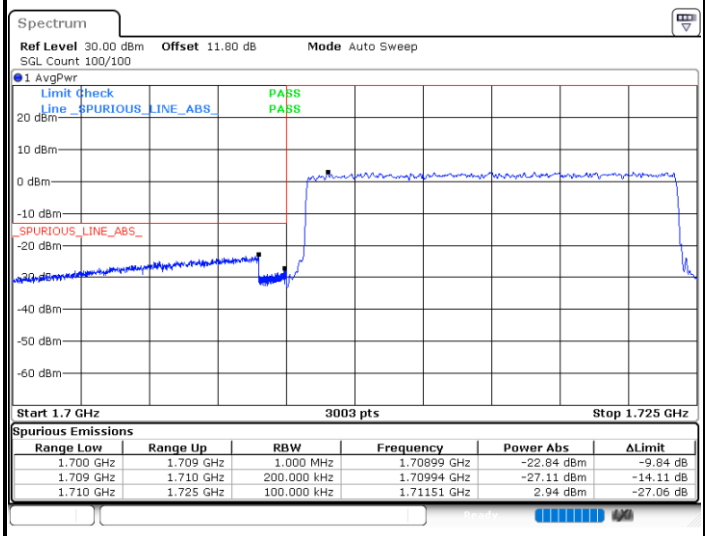

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.765 GHz | 1.780 GHz | 100.000 kHz | 1.76758 GHz | 3.95 dBm | -26.05 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78003 GHz | -26.00 dBm | -13.00 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78123 GHz | -22.84 dBm | -9.84 dB |

Date: 26.DEC.2023 16:15:31

## LTE Band 66 / 15MHz / 16QAM

### Lowest Band Edge / Full RB

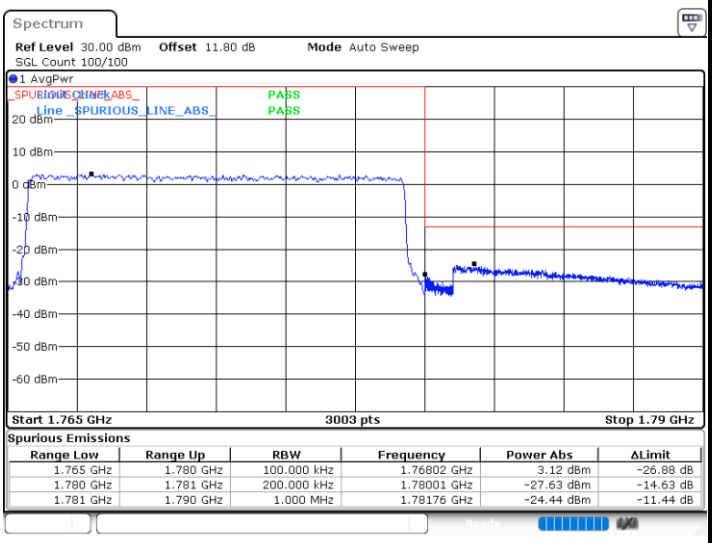



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -22.84 dBm | -9.84 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70994 GHz | -27.11 dBm | -14.11 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71151 GHz | 2.94 dBm | -27.06 dB |

Date: 26.DEC.2023 16:04:28

### Highest Band Edge / Full RB



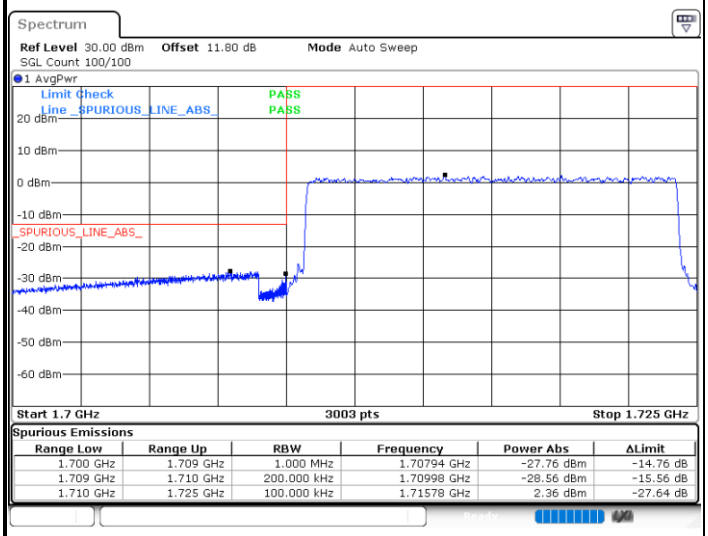

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.765 GHz | 1.780 GHz | 100.000 kHz | 1.76802 GHz | 3.12 dBm | -26.88 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78001 GHz | -27.63 dBm | -14.63 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78176 GHz | -24.44 dBm | -11.44 dB |

Date: 26.DEC.2023 16:16:23

## LTE Band 66 / 15MHz / 64QAM

### Lowest Band Edge / Full RB

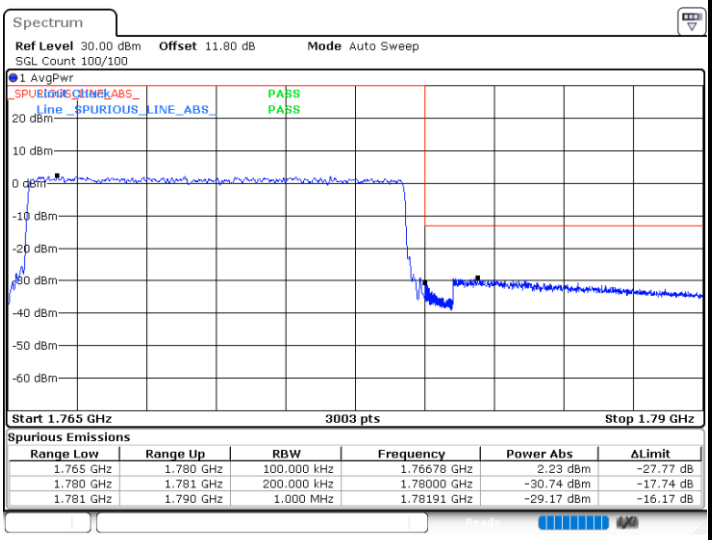



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70794 GHz | -27.76 dBm | -14.76 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70998 GHz | -28.56 dBm | -15.56 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71578 GHz | 2.36 dBm | -27.64 dB |

Date: 26.DEC.2023 16:05:20

### Highest Band Edge / Full RB



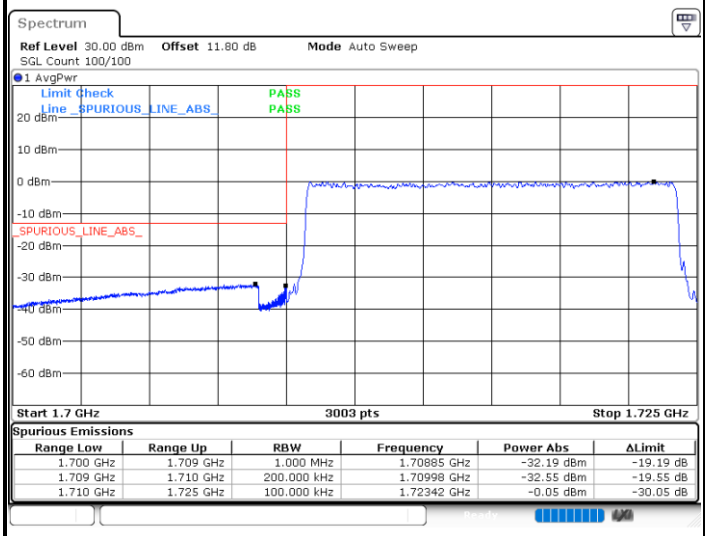

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.765 GHz | 1.780 GHz | 100.000 kHz | 1.76678 GHz | 2.23 dBm | -27.77 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78000 GHz | -30.74 dBm | -17.74 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78191 GHz | -29.17 dBm | -16.17 dB |

Date: 26.DEC.2023 16:17:15

## LTE Band 66 / 15MHz / 256QAM

### Lowest Band Edge / Full RB

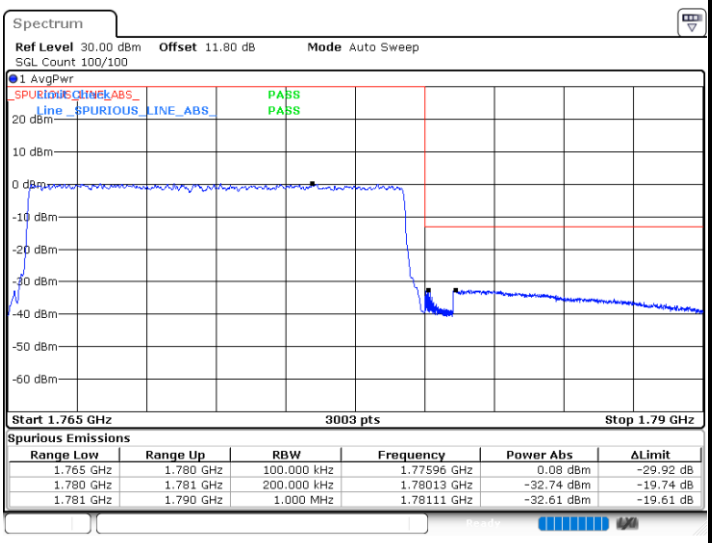



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70885 GHz | -32.19 dBm | -19.19 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70998 GHz | -32.55 dBm | -19.55 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.72342 GHz | -0.05 dBm | -30.05 dB |

Date: 26.DEC.2023 16:06:12

### Highest Band Edge / Full RB



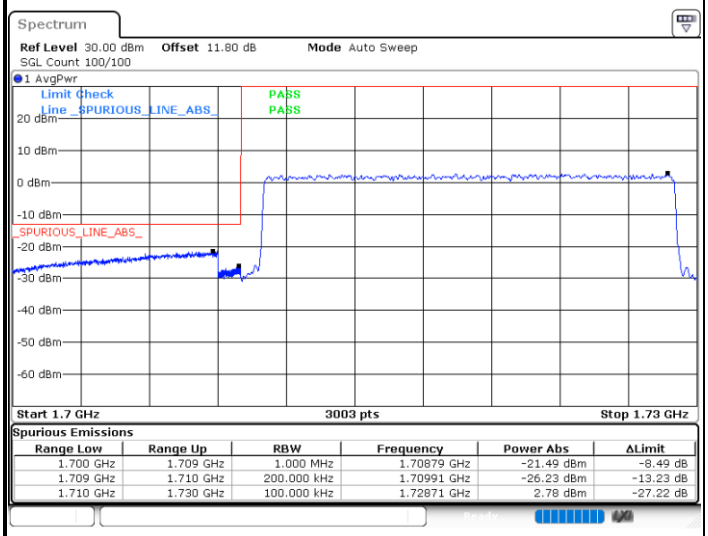

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.765 GHz | 1.780 GHz | 100.000 kHz | 1.77596 GHz | 0.08 dBm | -29.92 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78013 GHz | -32.74 dBm | -19.74 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78111 GHz | -32.61 dBm | -19.61 dB |

Date: 26.DEC.2023 16:18:07

## LTE Band 66 / 20MHz / QPSK

### Lowest Band Edge / Full RB

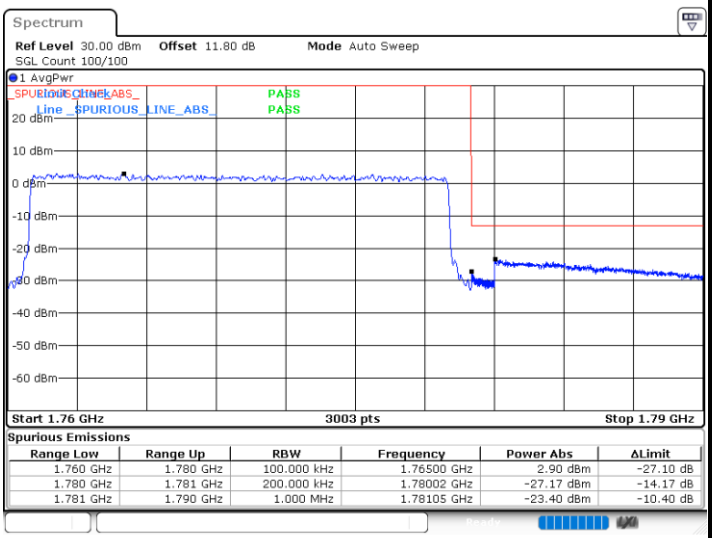



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70879 GHz | -21.49 dBm | -8.49 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70991 GHz | -26.23 dBm | -13.23 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72871 GHz | 2.78 dBm | -27.22 dB |

Date: 26.DEC.2023 16:27:00

### Highest Band Edge / Full RB



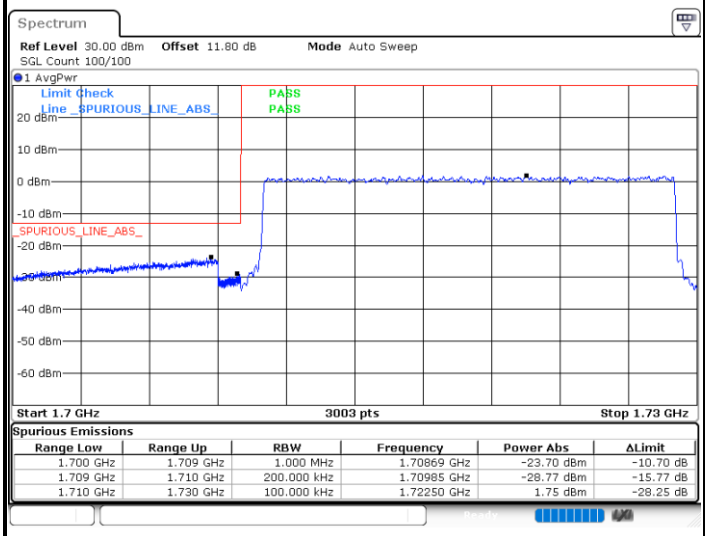

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.760 GHz | 1.780 GHz | 100.000 kHz | 1.76500 GHz | 2.90 dBm | -27.10 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78002 GHz | -27.17 dBm | -14.17 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78105 GHz | -23.40 dBm | -10.40 dB |

Date: 26.DEC.2023 16:38:55

## LTE Band 66 / 20MHz / 16QAM

### Lowest Band Edge / Full RB

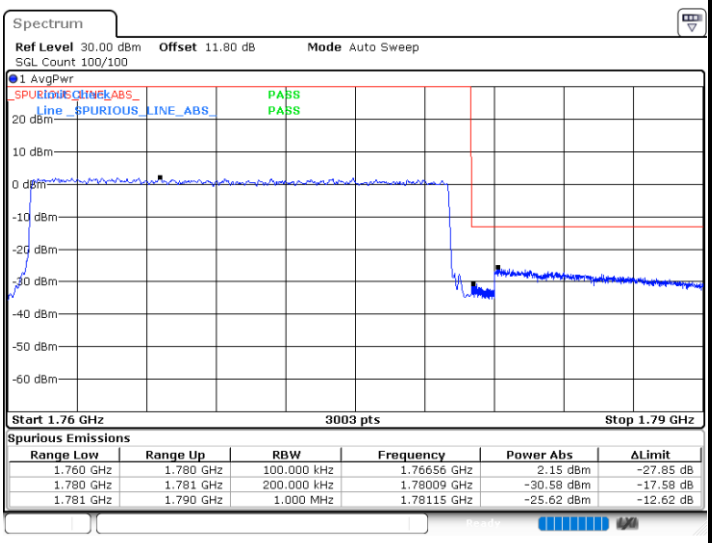



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70869 GHz | -23.70 dBm | -10.70 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70985 GHz | -28.77 dBm | -15.77 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72250 GHz | 1.75 dBm | -28.25 dB |

Date: 26.DEC.2023 16:27:52

### Highest Band Edge / Full RB



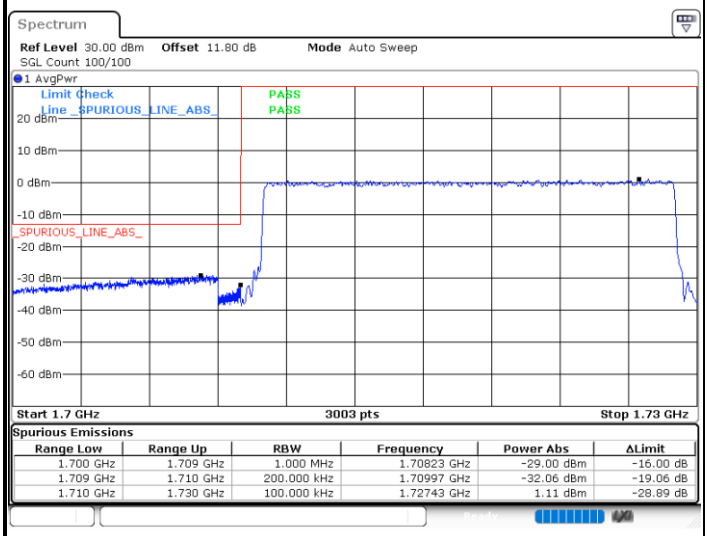

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.760 GHz | 1.780 GHz | 100.000 kHz | 1.76656 GHz | 2.15 dBm | -27.85 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78009 GHz | -30.58 dBm | -17.58 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78115 GHz | -25.62 dBm | -12.62 dB |

Date: 26.DEC.2023 16:39:47

## LTE Band 66 / 20MHz / 64QAM

### Lowest Band Edge / Full RB

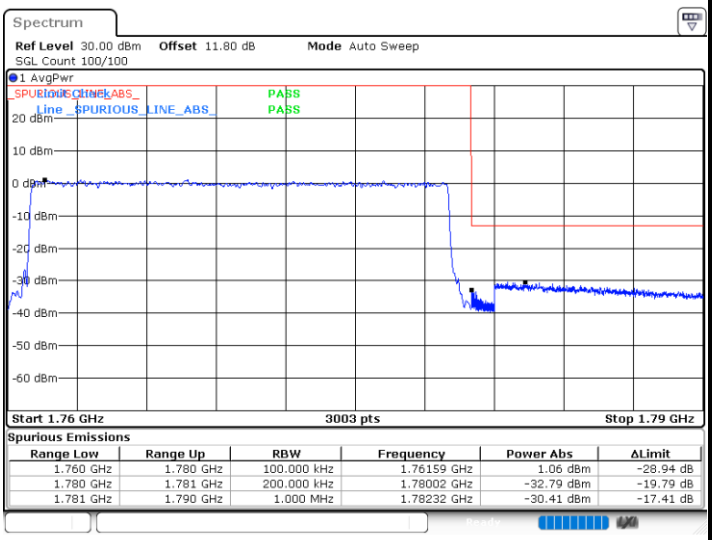



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70823 GHz | -29.00 dBm | -16.00 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70997 GHz | -32.06 dBm | -19.06 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72743 GHz | 1.11 dBm | -28.89 dB |

Date: 26.DEC.2023 16:28:44

### Highest Band Edge / Full RB



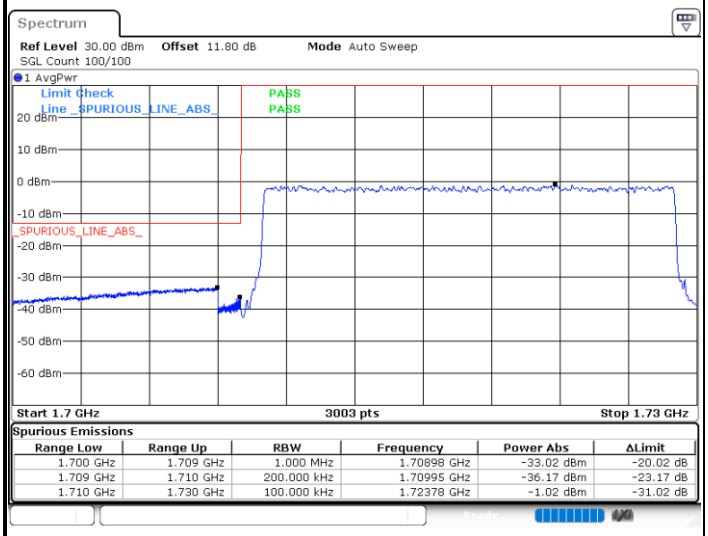

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.760 GHz | 1.780 GHz | 100.000 kHz | 1.76159 GHz | 1.06 dBm | -28.94 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78002 GHz | -32.79 dBm | -19.79 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78232 GHz | -30.41 dBm | -17.41 dB |

Date: 26.DEC.2023 16:40:39

## LTE Band 66 / 20MHz / 256QAM

### Lowest Band Edge / Full RB

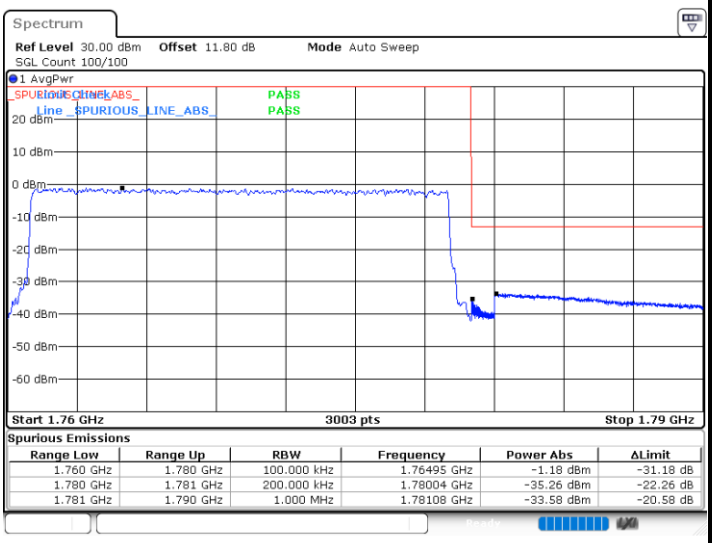



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -33.02 dBm | -20.02 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70995 GHz | -36.17 dBm | -23.17 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72378 GHz | -1.02 dBm | -31.02 dB |

Date: 26.DEC.2023 16:29:36

### Highest Band Edge / Full RB




Spurious Emissions

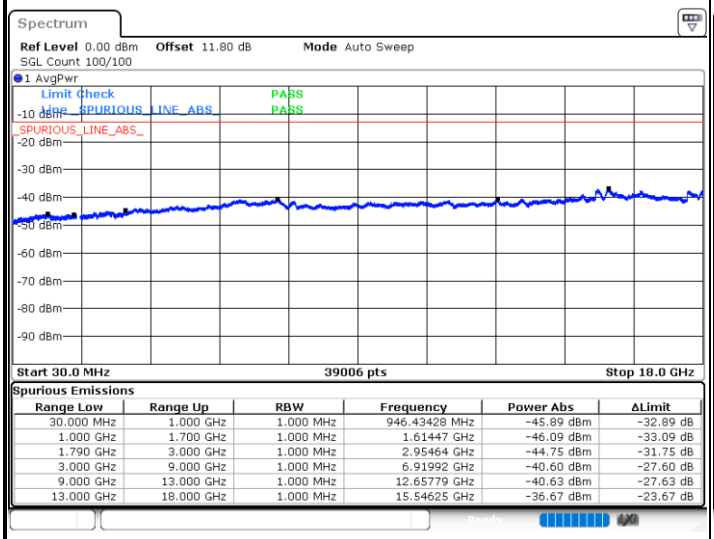
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.760 GHz | 1.780 GHz | 100.000 kHz | 1.76495 GHz | -1.18 dBm | -31.18 dB |
| 1.780 GHz | 1.781 GHz | 200.000 kHz | 1.78004 GHz | -35.26 dBm | -22.26 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78108 GHz | -33.58 dBm | -20.58 dB |

Date: 26.DEC.2023 16:41:31

# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

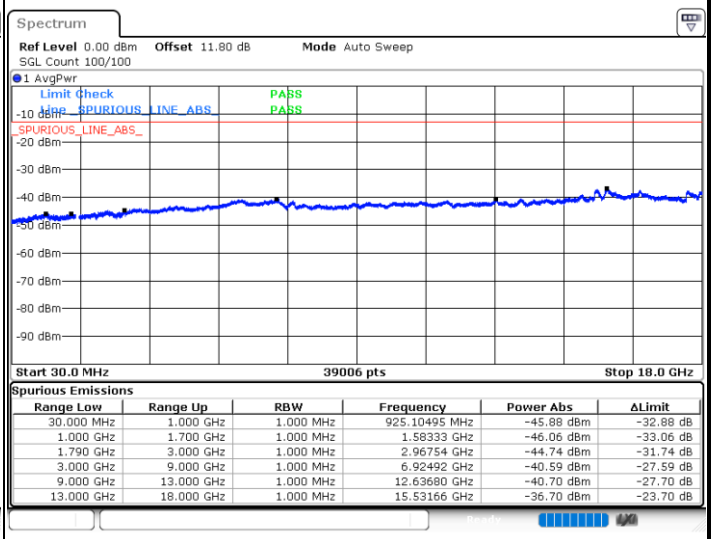



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 946.43428 MHz | -45.89 dBm | -32.89 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.61447 GHz | -46.09 dBm | -33.09 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.95464 GHz | -44.75 dBm | -31.75 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.91992 GHz | -40.60 dBm | -27.60 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65779 GHz | -40.63 dBm | -27.63 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54625 GHz | -36.67 dBm | -23.67 dB |

Date: 26.DEC.2023 14:30:38

### Middle Channel / QPSK

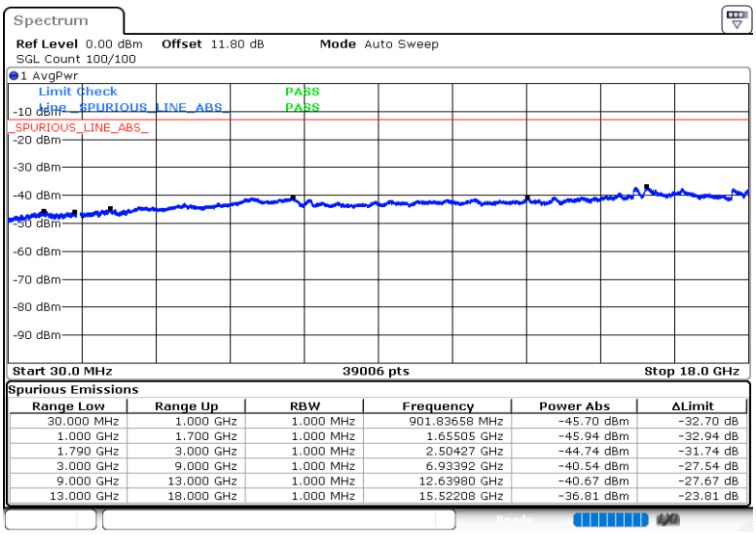



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 925.10495 MHz | -45.88 dBm | -32.88 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.58333 GHz | -46.06 dBm | -33.06 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.96754 GHz | -44.74 dBm | -31.74 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.92492 GHz | -40.59 dBm | -27.59 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.63680 GHz | -40.70 dBm | -27.70 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.53166 GHz | -36.70 dBm | -23.70 dB |

Date: 26.DEC.2023 14:43:10

### Highest Channel / QPSK



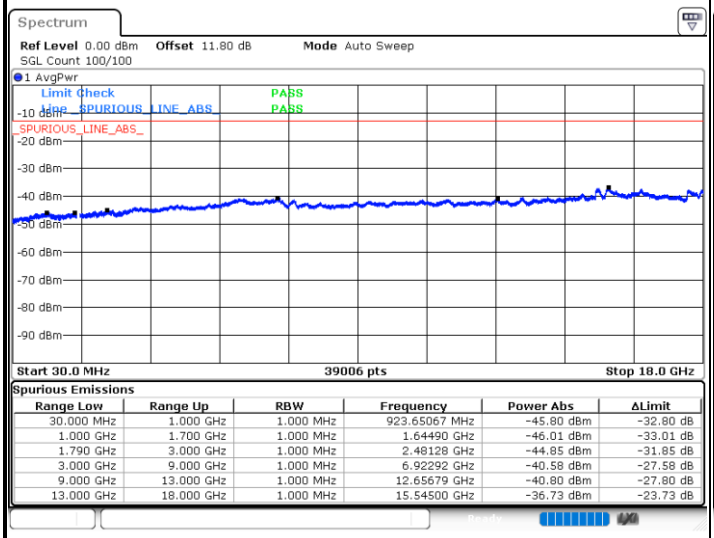

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 901.83658 MHz | -45.70 dBm | -32.70 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65505 GHz | -45.94 dBm | -32.94 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.50427 GHz | -44.74 dBm | -31.74 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.93392 GHz | -40.54 dBm | -27.54 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.63980 GHz | -40.67 dBm | -27.67 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.52208 GHz | -36.81 dBm | -23.81 dB |

Date: 26.DEC.2023 14:44:02

## LTE Band 66 / 3MHz

### Lowest Channel / QPSK

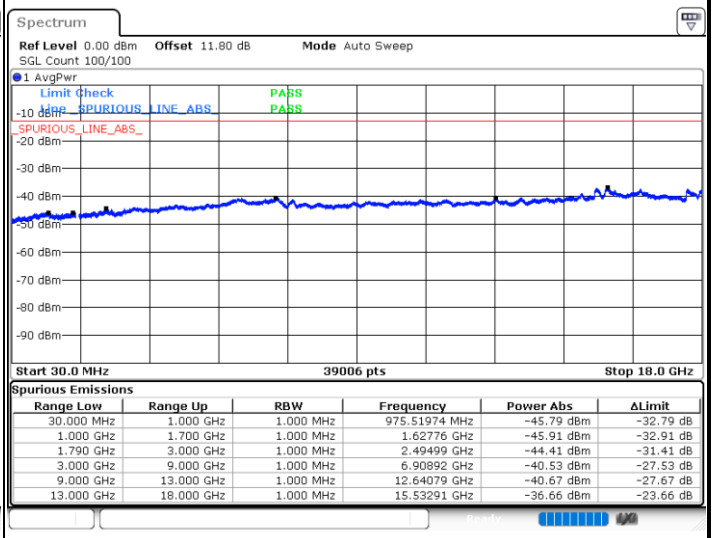



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 923.65067 MHz | -45.80 dBm | -32.80 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64490 GHz | -46.01 dBm | -33.01 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.48128 GHz | -44.85 dBm | -31.85 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.92292 GHz | -40.58 dBm | -27.58 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65679 GHz | -40.80 dBm | -27.80 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54500 GHz | -36.73 dBm | -23.73 dB |

Date: 26.DEC.2023 14:57:17

### Middle Channel / QPSK

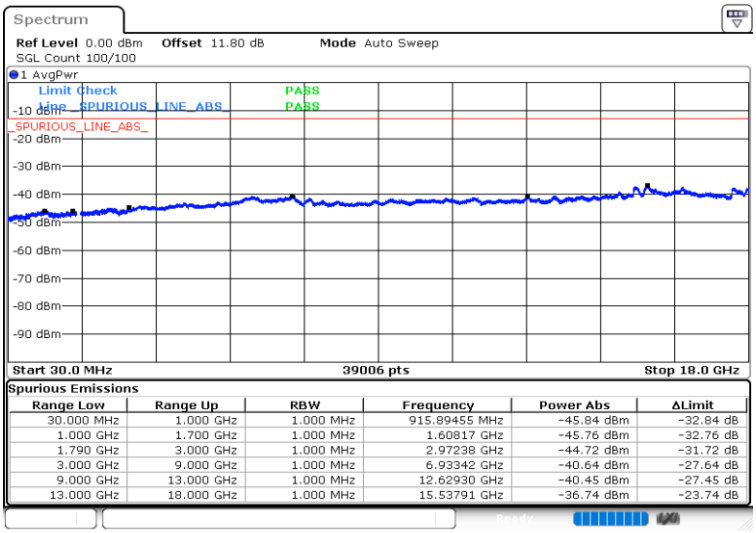



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 975.51974 MHz | -45.79 dBm | -32.79 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.62776 GHz | -45.91 dBm | -32.91 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.49499 GHz | -44.41 dBm | -31.41 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.90892 GHz | -40.53 dBm | -27.53 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64079 GHz | -40.67 dBm | -27.67 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.53291 GHz | -36.66 dBm | -23.66 dB |

Date: 26.DEC.2023 15:07:28

### Highest Channel / QPSK



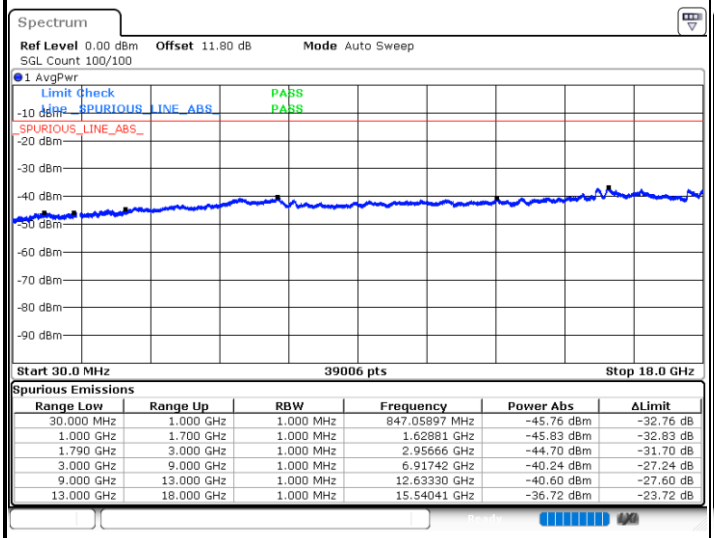

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 915.89455 MHz | -45.84 dBm | -32.84 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.60817 GHz | -45.76 dBm | -32.76 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97238 GHz | -44.72 dBm | -31.72 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.93342 GHz | -40.64 dBm | -27.64 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.62930 GHz | -40.45 dBm | -27.45 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.53791 GHz | -36.74 dBm | -23.74 dB |

Date: 26.DEC.2023 15:08:20

## LTE Band 66 / 5MHz

### Lowest Channel / QPSK

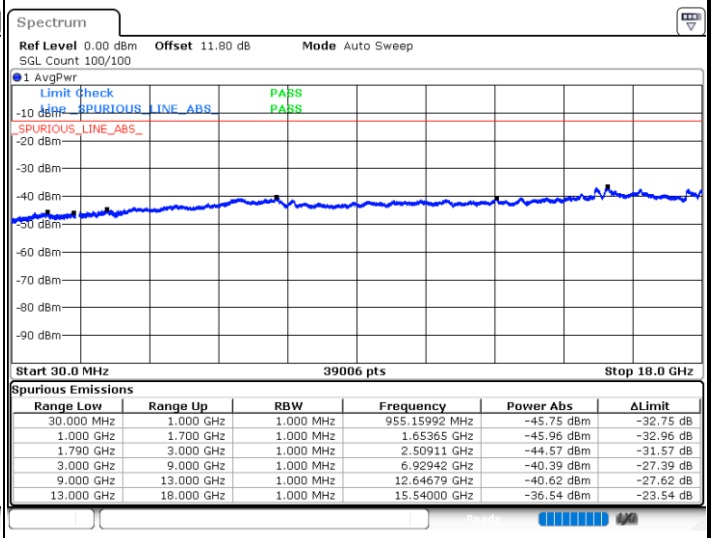



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 847.05897 MHz | -45.76 dBm | -32.76 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.62881 GHz | -45.83 dBm | -32.83 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.95666 GHz | -44.70 dBm | -31.70 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.91742 GHz | -40.24 dBm | -27.24 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.63330 GHz | -40.60 dBm | -27.60 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54041 GHz | -36.72 dBm | -23.72 dB |

Date: 26.DEC.2023 15:17:58

### Middle Channel / QPSK

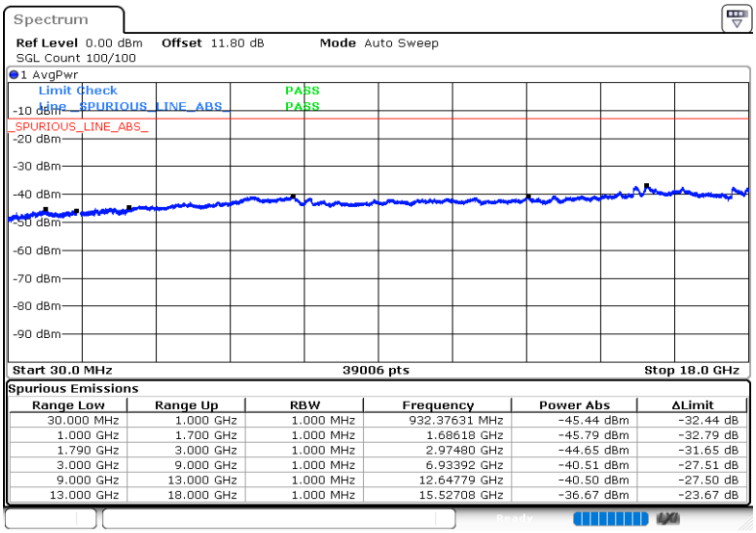



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 955.15992 MHz | -45.75 dBm | -32.75 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65365 GHz | -45.96 dBm | -32.96 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.50911 GHz | -44.57 dBm | -31.57 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.92942 GHz | -40.39 dBm | -27.39 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64679 GHz | -40.62 dBm | -27.62 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54000 GHz | -36.54 dBm | -23.54 dB |

Date: 26.DEC.2023 15:28:09

### Highest Channel / QPSK



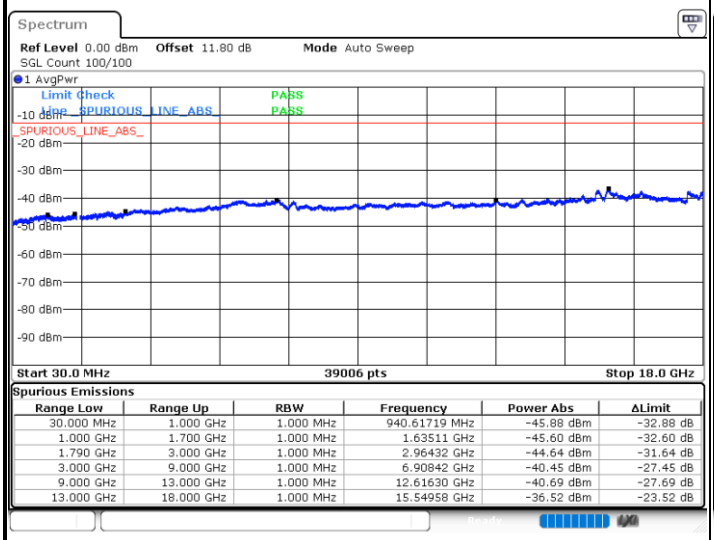

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 932.37631 MHz | -45.44 dBm | -32.44 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68618 GHz | -45.79 dBm | -32.79 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97480 GHz | -44.65 dBm | -31.65 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.93392 GHz | -40.51 dBm | -27.51 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64779 GHz | -40.50 dBm | -27.50 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.52708 GHz | -36.67 dBm | -23.67 dB |

Date: 26.DEC.2023 15:29:01

## LTE Band 66 / 10MHz

### Lowest Channel / QPSK

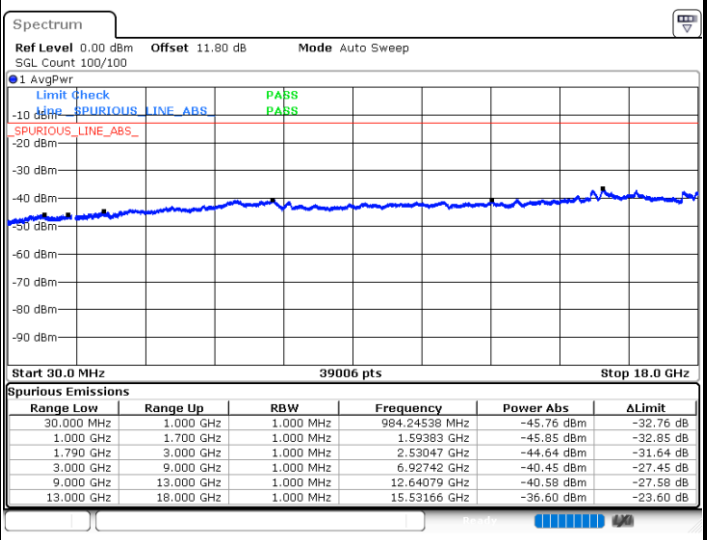



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 940.61719 MHz | -45.88 dBm | -32.88 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.63511 GHz | -45.60 dBm | -32.60 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.96432 GHz | -44.64 dBm | -31.64 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.90842 GHz | -40.45 dBm | -27.45 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.61630 GHz | -40.69 dBm | -27.69 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54958 GHz | -36.52 dBm | -23.52 dB |

Date: 26.DEC.2023 15:38:05

### Middle Channel / QPSK

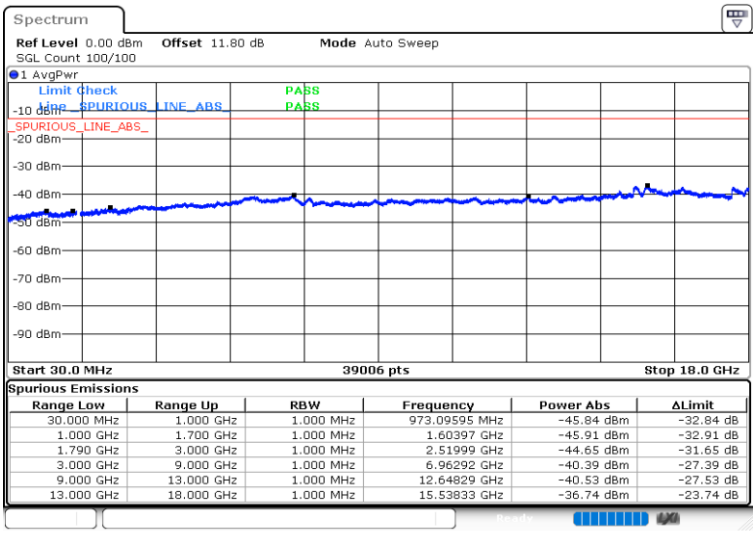



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 984.24538 MHz | -45.76 dBm | -32.76 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.59383 GHz | -45.85 dBm | -32.85 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.53047 GHz | -44.64 dBm | -31.64 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.92742 GHz | -40.45 dBm | -27.45 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64079 GHz | -40.58 dBm | -27.58 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.53166 GHz | -36.60 dBm | -23.60 dB |

Date: 26.DEC.2023 15:48:16

### Highest Channel / QPSK



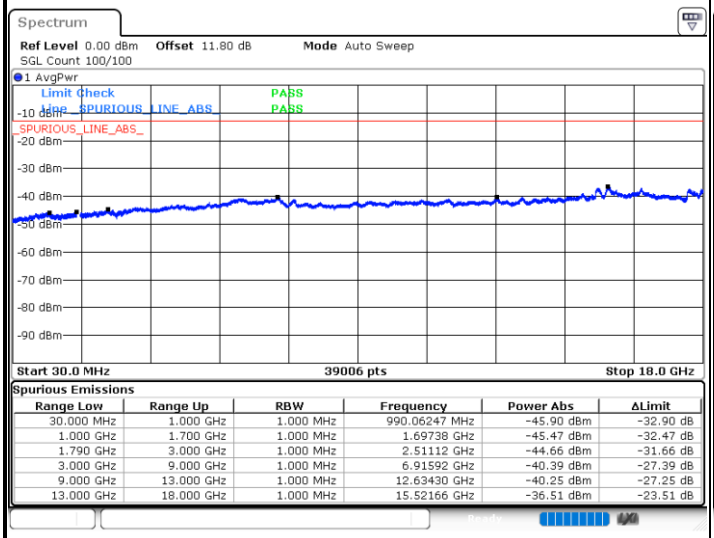

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 973.09595 MHz | -45.84 dBm | -32.84 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.60397 GHz | -45.91 dBm | -32.91 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.51999 GHz | -44.65 dBm | -31.65 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.96292 GHz | -40.39 dBm | -27.39 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64829 GHz | -40.53 dBm | -27.53 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.53833 GHz | -36.74 dBm | -23.74 dB |

Date: 26.DEC.2023 15:49:08

## LTE Band 66 / 15MHz

### Lowest Channel / QPSK

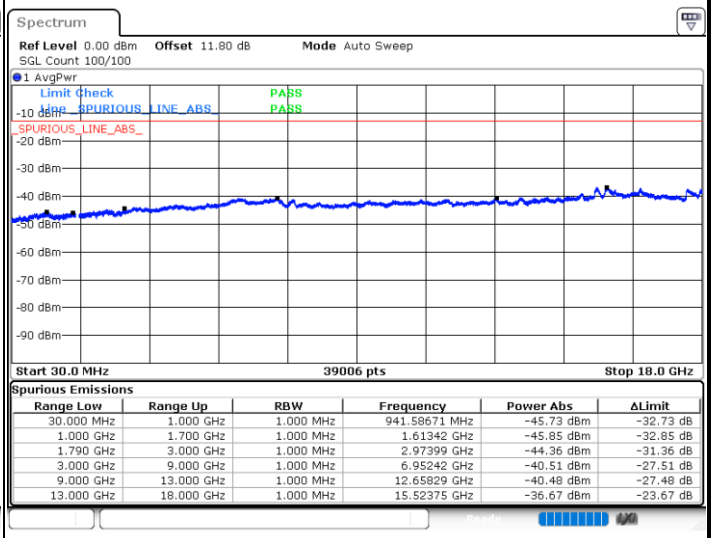



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 990.06247 MHz | -45.90 dBm | -32.90 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69738 GHz | -45.47 dBm | -32.47 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.51112 GHz | -44.66 dBm | -31.66 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.91592 GHz | -40.39 dBm | -27.39 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.63430 GHz | -40.25 dBm | -27.25 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.52166 GHz | -36.51 dBm | -23.51 dB |

Date: 26.DEC.2023 16:00:05

### Middle Channel / QPSK

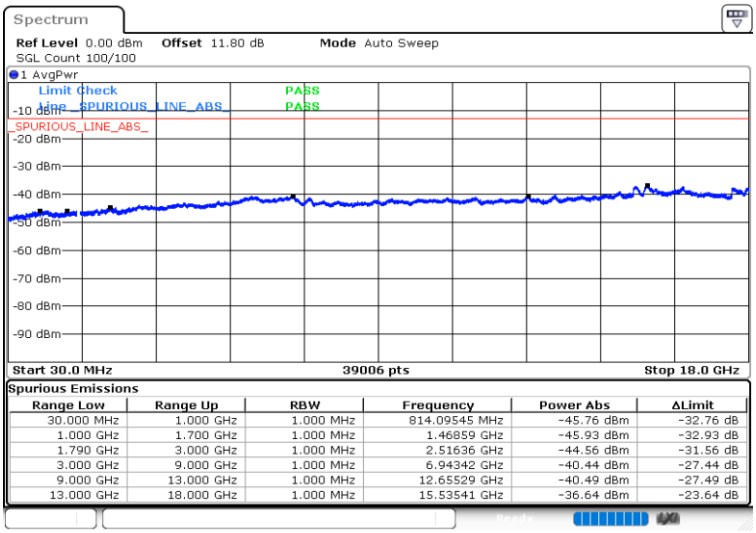



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 941.58671 MHz | -45.73 dBm | -32.73 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.61342 GHz | -45.85 dBm | -32.85 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97399 GHz | -44.36 dBm | -31.36 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.95242 GHz | -40.51 dBm | -27.51 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65829 GHz | -40.48 dBm | -27.48 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.52375 GHz | -36.67 dBm | -23.67 dB |

Date: 26.DEC.2023 16:10:16

### Highest Channel / QPSK



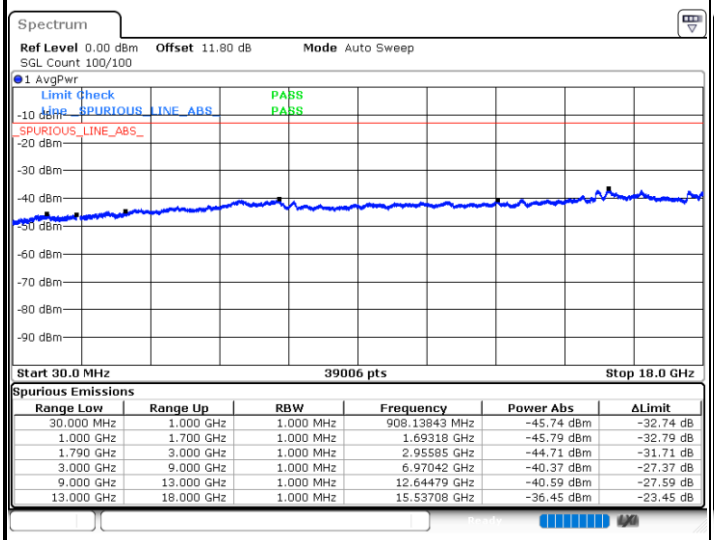

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 814.09545 MHz | -45.76 dBm | -32.76 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.46859 GHz | -45.93 dBm | -32.93 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.51636 GHz | -44.56 dBm | -31.56 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.94342 GHz | -40.44 dBm | -27.44 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65529 GHz | -40.49 dBm | -27.49 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.53541 GHz | -36.64 dBm | -23.64 dB |

Date: 26.DEC.2023 16:11:08

## LTE Band 66 / 20MHz

### Lowest Channel / QPSK

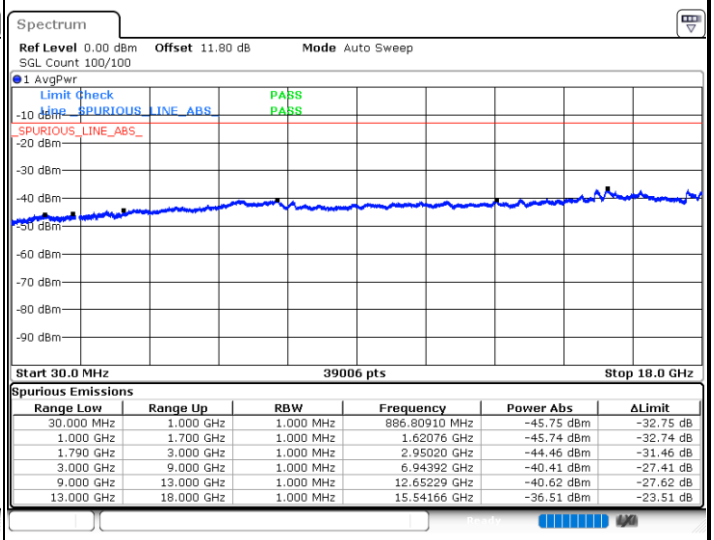



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 908.13843 MHz | -45.74 dBm | -32.74 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69318 GHz | -45.79 dBm | -32.79 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.95585 GHz | -44.71 dBm | -31.71 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.97042 GHz | -40.37 dBm | -27.37 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64479 GHz | -40.59 dBm | -27.59 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.53708 GHz | -36.45 dBm | -23.45 dB |

Date: 26.DEC.2023 16:23:29

### Middle Channel / QPSK

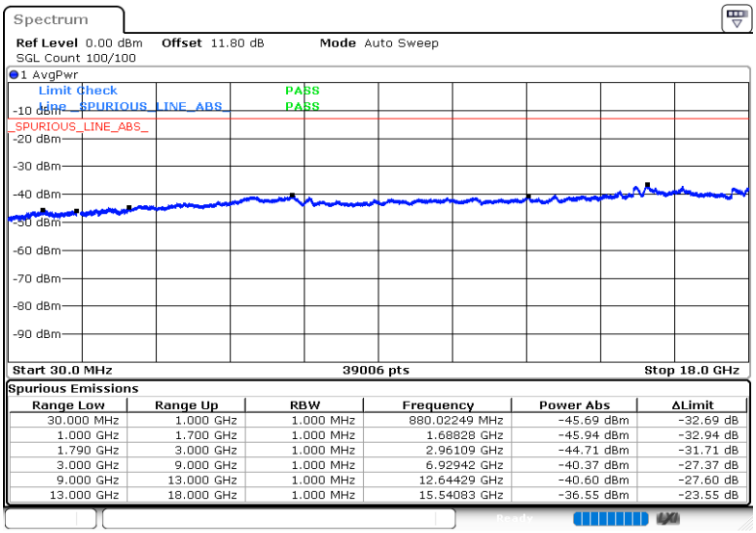



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 886.80910 MHz | -45.75 dBm | -32.75 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.62076 GHz | -45.74 dBm | -32.74 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.95020 GHz | -44.46 dBm | -31.46 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.94392 GHz | -40.41 dBm | -27.41 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65229 GHz | -40.62 dBm | -27.62 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54166 GHz | -36.51 dBm | -23.51 dB |

Date: 26.DEC.2023 16:33:40

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 880.02249 MHz | -45.69 dBm | -32.69 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68828 GHz | -45.94 dBm | -32.94 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.96109 GHz | -44.71 dBm | -31.71 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.92942 GHz | -40.37 dBm | -27.37 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64429 GHz | -40.60 dBm | -27.60 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54083 GHz | -36.55 dBm | -23.55 dB |

Date: 26.DEC.2023 16:34:32

# Frequency Stability

| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0073 | PASS |
| 40 | Normal Voltage | 0.0022 | |
| 30 | Normal Voltage | 0.0061 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0073 | |
| 0 | Normal Voltage | 0.0009 | |
| -10 | Normal Voltage | 0.0080 | |
| -20 | Normal Voltage | 0.0011 | |
| -30 | Normal Voltage | 0.0083 | |
| 20 | Maximum Voltage | 0.0060 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0091 | |

**Note:**

1. Normal Voltage = 3.8 V.；Battery End Point (BEP) = 3.6 V.；Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

# LTE Band 66B

## 26dB Bandwidth

| Mode | LTE Band 66B : 26dB BW(MHz) | | |
|---|---|---|---|
| QPSK | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Middle CH | 10.00 | 14.62 | 18.94 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Middle CH | 14.80 | 19.69 | 19.06 |

| Mode | LTE Band 66B : 26dB BW(MHz) | | |
|---|---|---|---|
| 16QAM | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Middle CH | 9.94 | 14.62 | 18.90 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Middle CH | 14.62 | 19.66 | 19.14 |

| Mode | LTE Band 66B : 26dB BW(MHz) | | |
|---|---|---|---|
| 64QAM | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Middle CH | 10.02 | 14.68 | 18.94 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Middle CH | 14.74 | 19.62 | 19.02 |

| Mode | LTE Band 66B : 26dB BW(MHz) | | |
|---|---|---|---|
| 256QAM | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Middle CH | 10.02 | 14.59 | 19.10 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Middle CH | 14.74 | 19.62 | 19.22 |