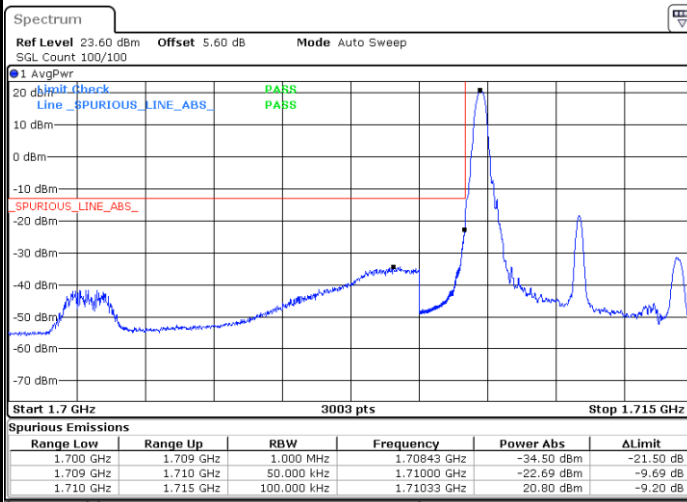




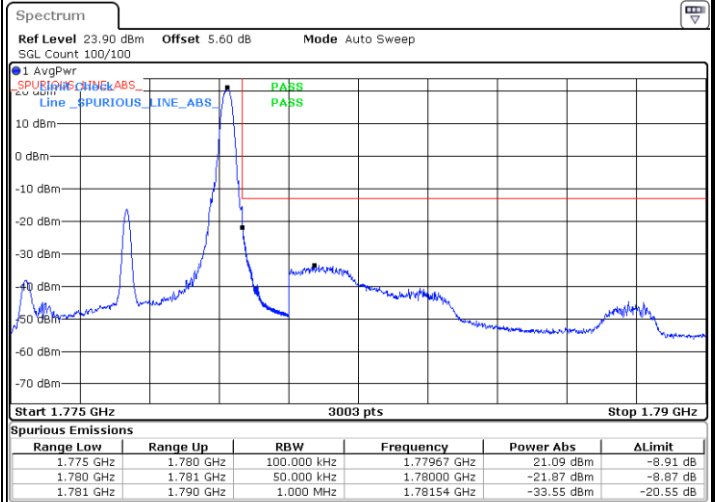
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



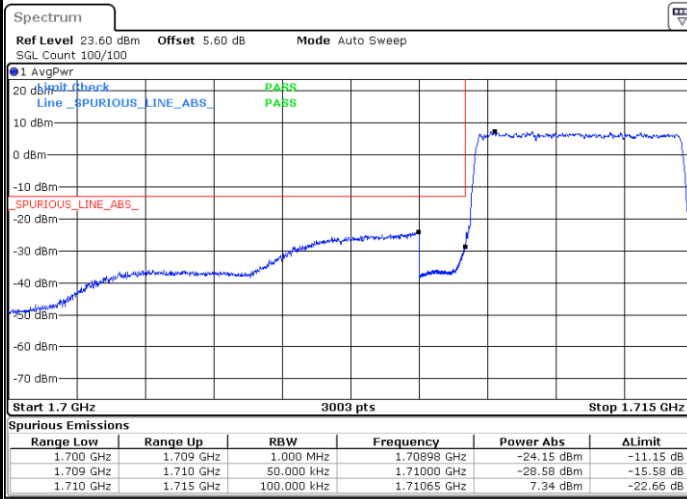
Date: 25.MAY.2021 19:16:02

Highest Band Edge / 1 RB



Date: 25.MAY.2021 19:21:36

Lowest Band Edge / Full RB



Date: 25.MAY.2021 19:18:49

Highest Band Edge / Full RB

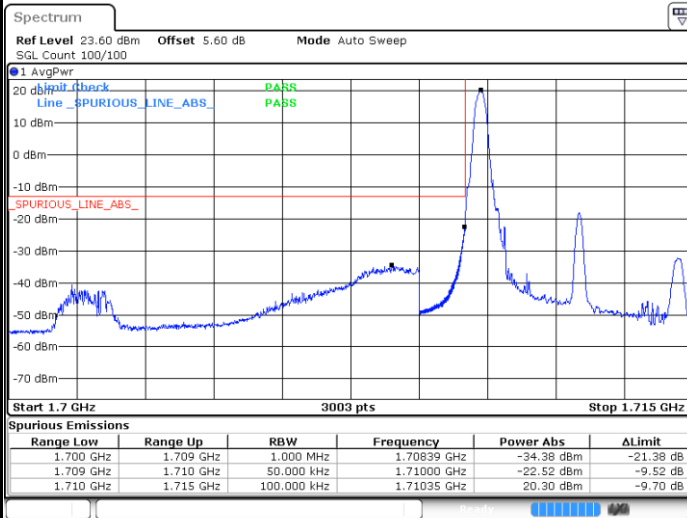


Date: 25.MAY.2021 19:24:24



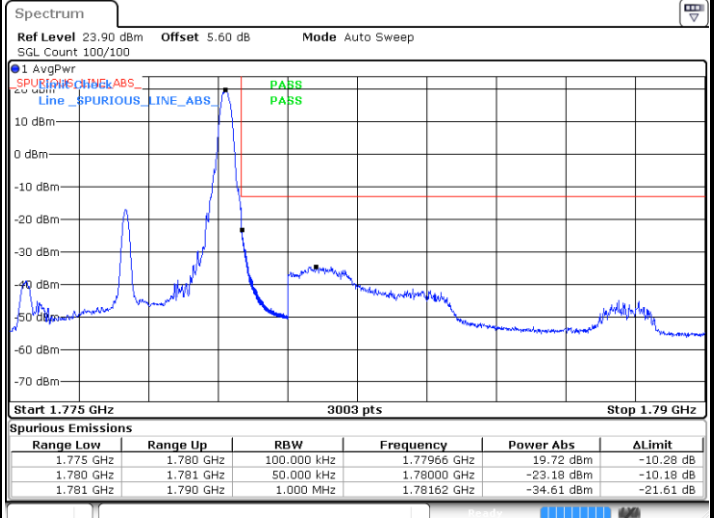
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



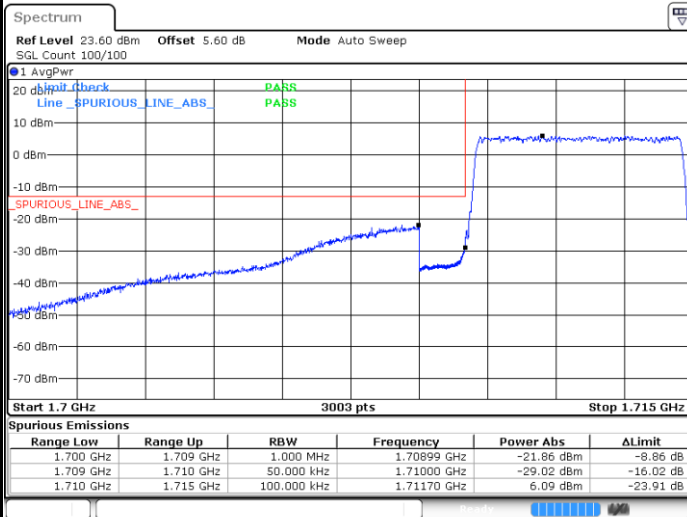
Date: 25 MAY 2021 19:17:26

Highest Band Edge / 1 RB



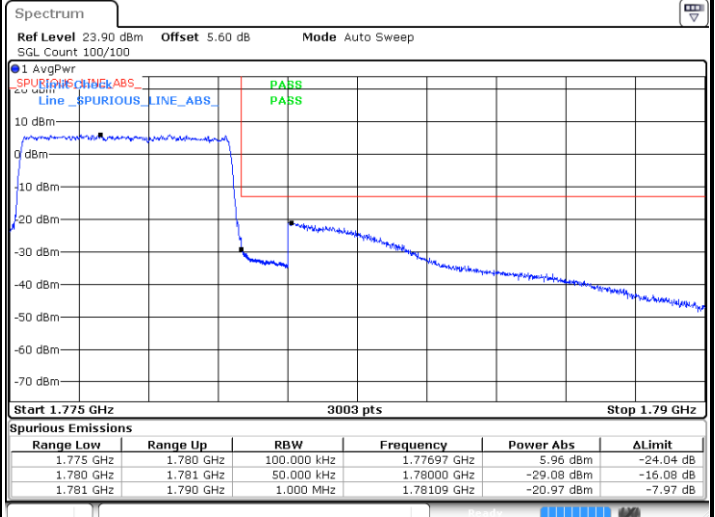
Date: 25 MAY 2021 19:23:00

Lowest Band Edge / Full RB



Date: 25 MAY 2021 19:20:13

Highest Band Edge / Full RB

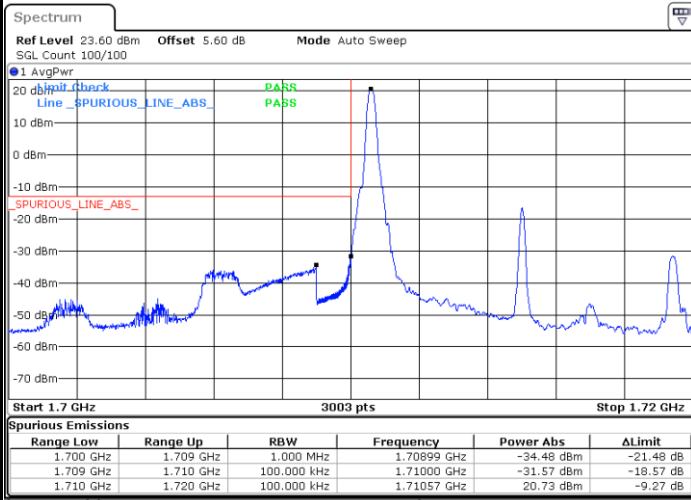


Date: 25 MAY 2021 19:25:48



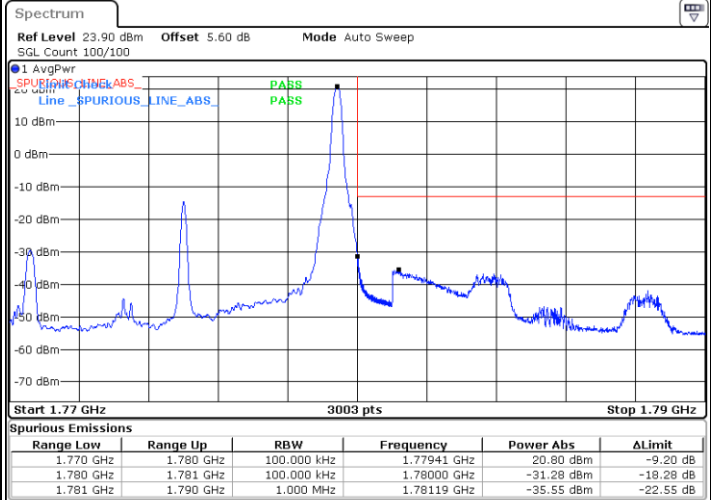
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



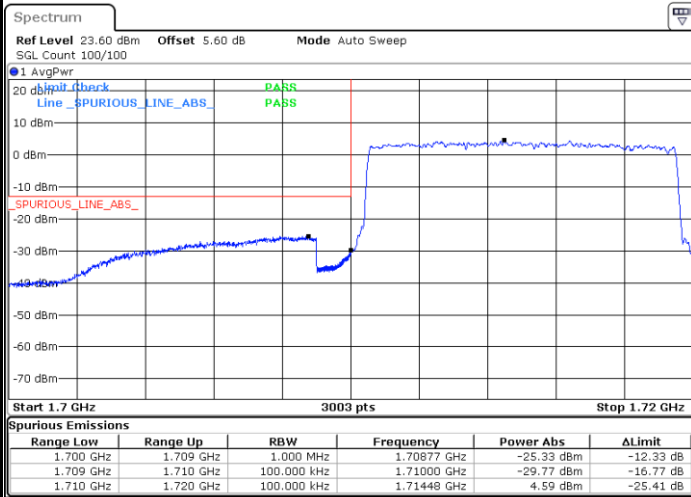
Date: 25 MAY 2021 19:27:12

Highest Band Edge / 1 RB



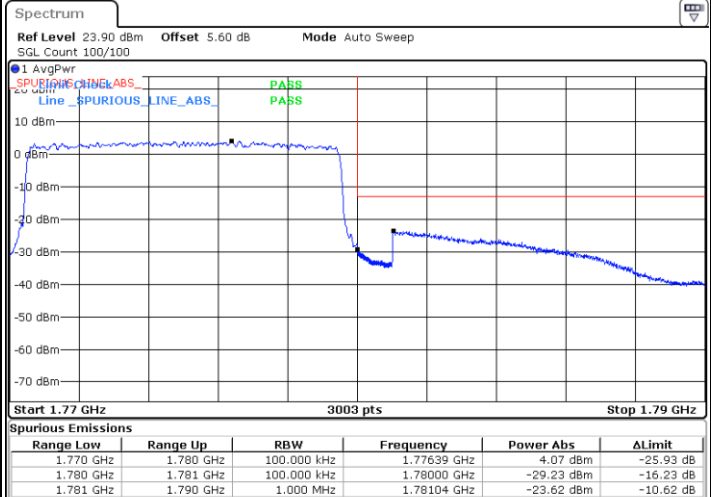
Date: 25 MAY 2021 19:32:46

Lowest Band Edge / Full RB



Date: 25 MAY 2021 19:29:59

Highest Band Edge / Full RB

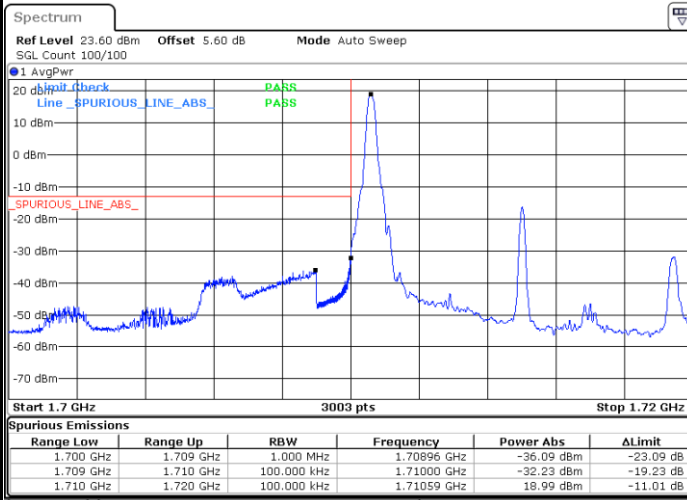


Date: 25 MAY 2021 19:35:33



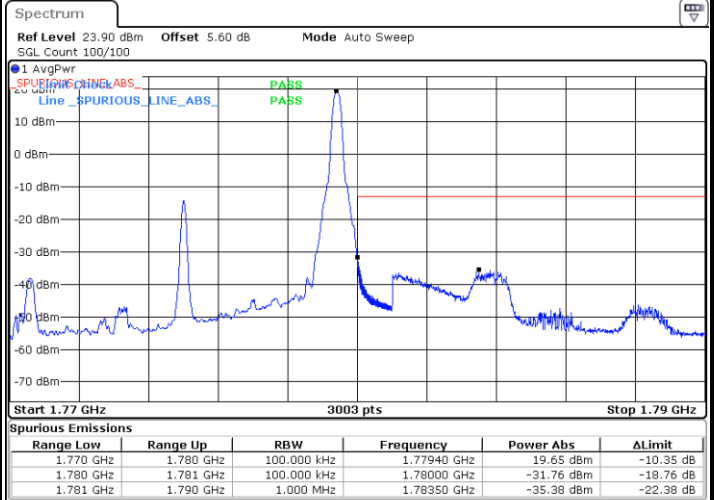
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



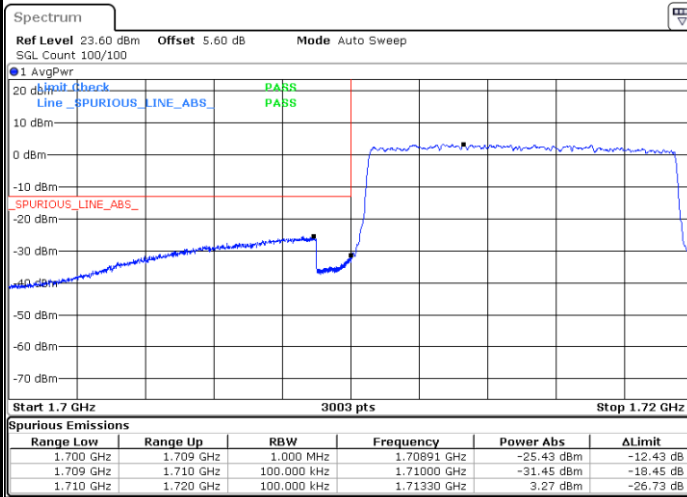
Date: 25 MAY 2021 19:28:35

Highest Band Edge / 1 RB



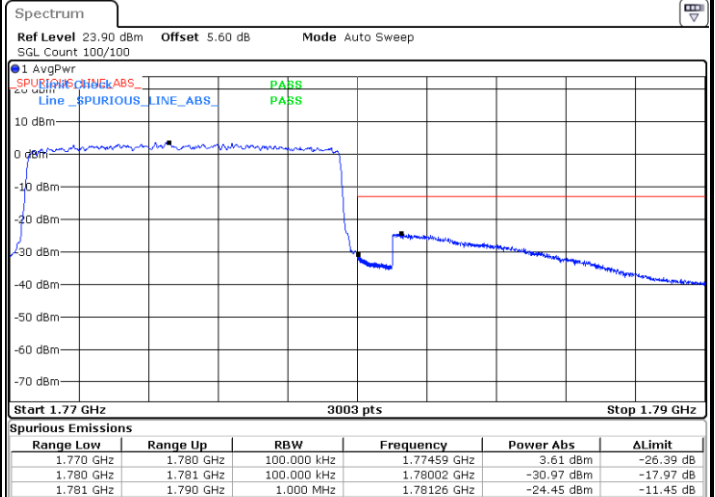
Date: 25 MAY 2021 19:34:10

Lowest Band Edge / Full RB



Date: 25 MAY 2021 19:31:22

Highest Band Edge / Full RB

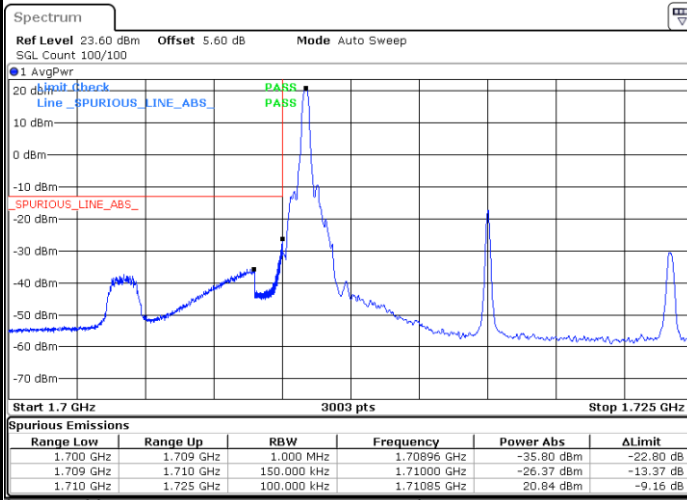


Date: 25 MAY 2021 19:36:56



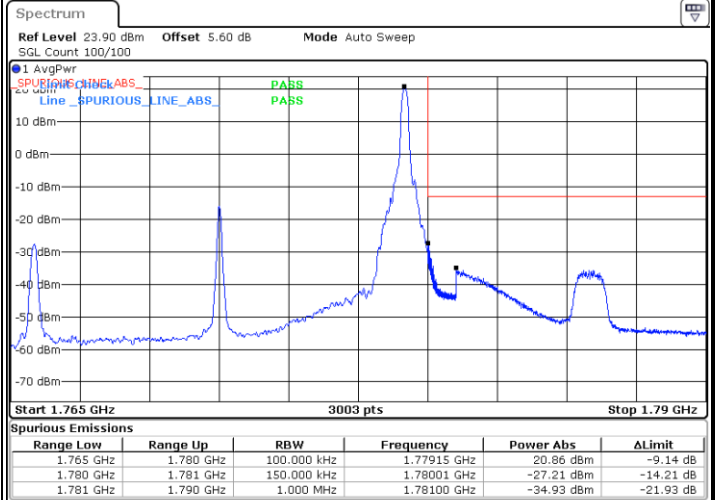
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



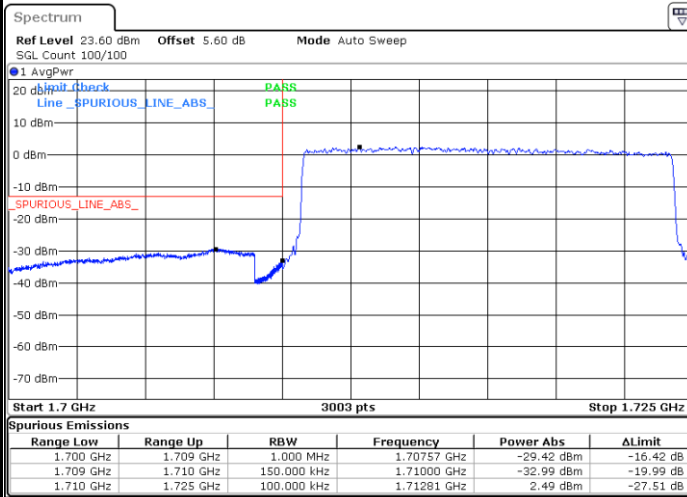
Date: 25 MAY 2021 19:38:21

Highest Band Edge / 1 RB



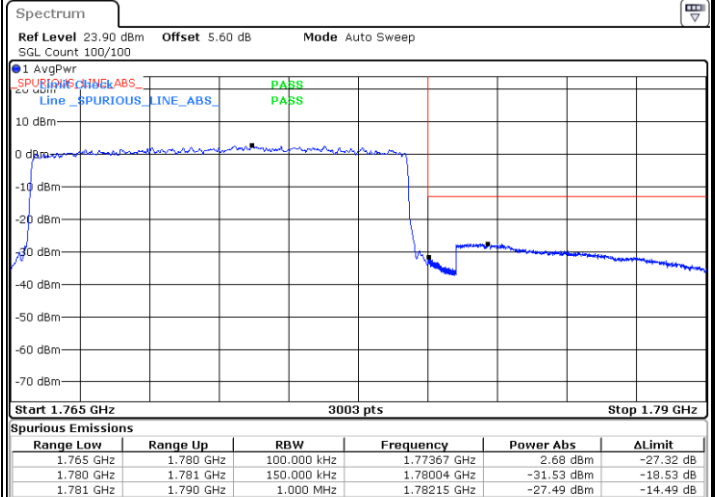
Date: 25 MAY 2021 19:43:55

Lowest Band Edge / Full RB



Date: 25 MAY 2021 19:41:08

Highest Band Edge / Full RB

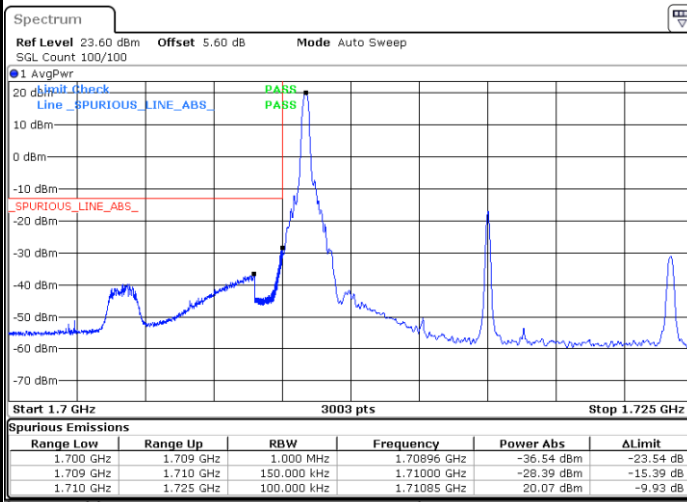


Date: 25 MAY 2021 19:46:42



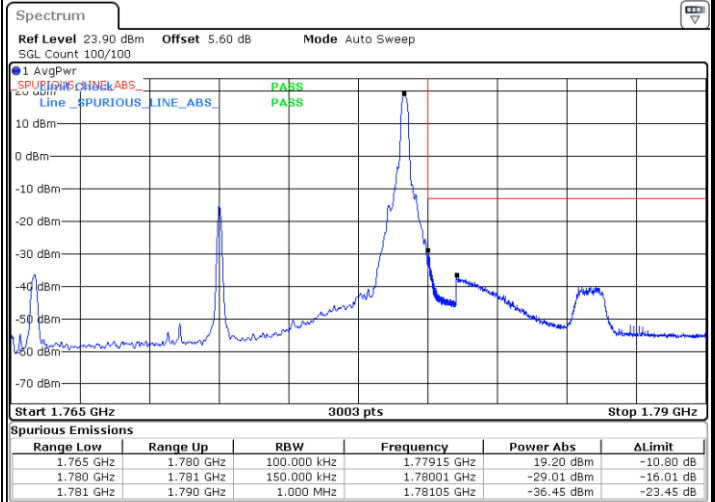
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



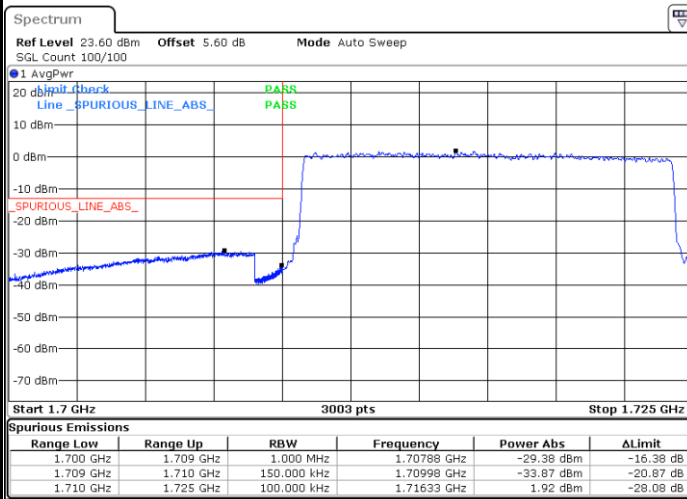
Date: 25 MAY 2021 19:39:44

Highest Band Edge / 1 RB



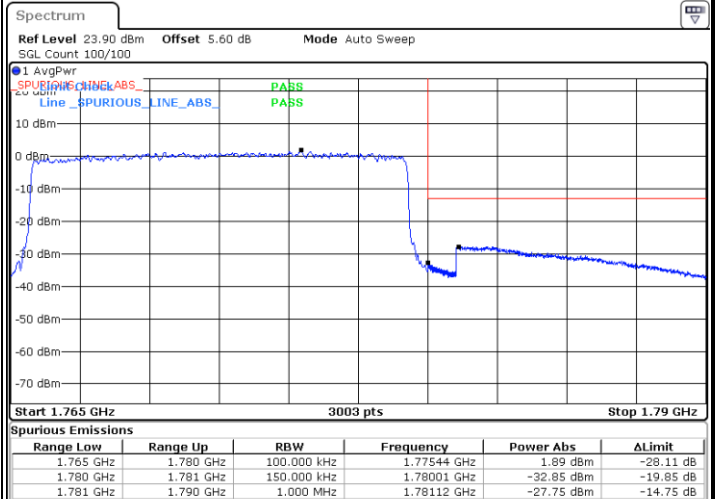
Date: 25 MAY 2021 19:45:18

Lowest Band Edge / Full RB



Date: 25 MAY 2021 19:42:31

Highest Band Edge / Full RB

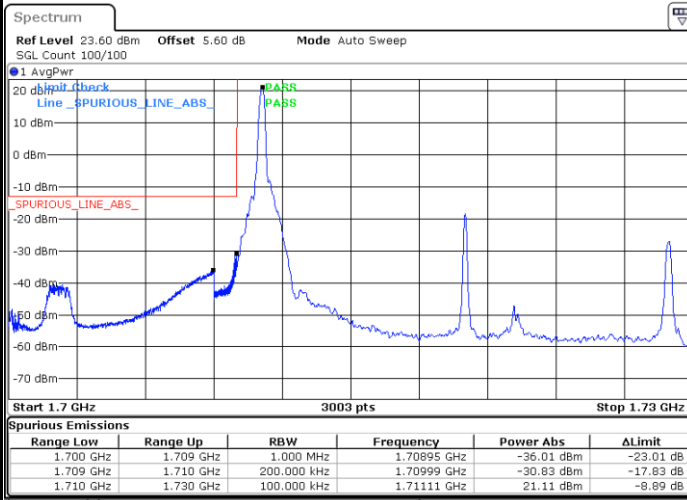


Date: 25 MAY 2021 19:48:05



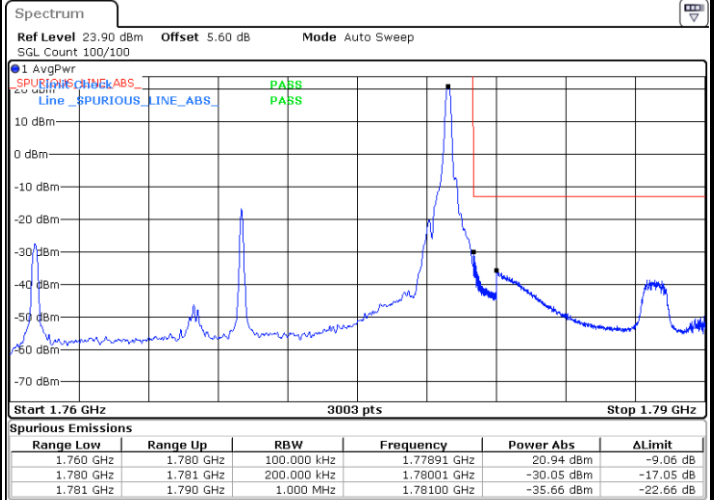
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



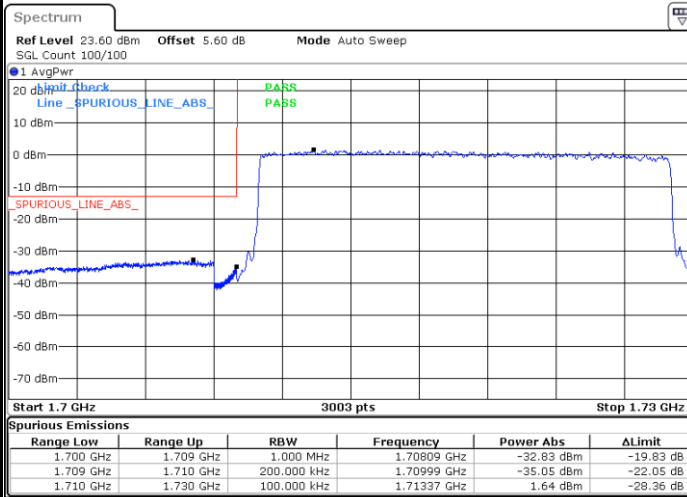
Date: 25 MAY 2021 19:49:30

Highest Band Edge / 1 RB



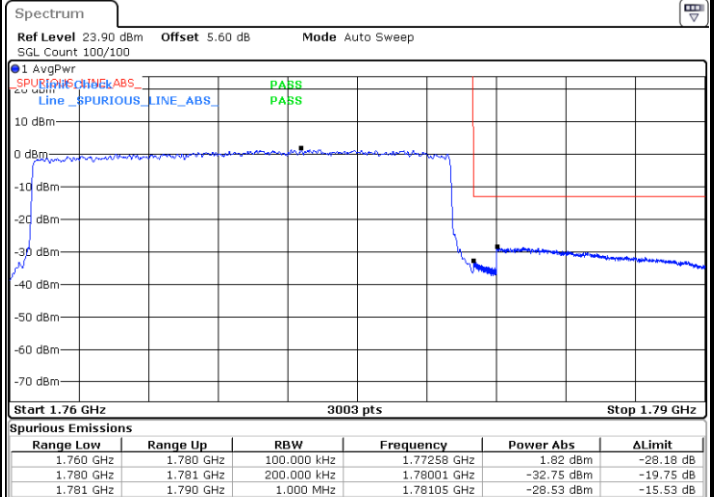
Date: 25 MAY 2021 19:55:04

Lowest Band Edge / Full RB



Date: 25 MAY 2021 19:52:17

Highest Band Edge / Full RB

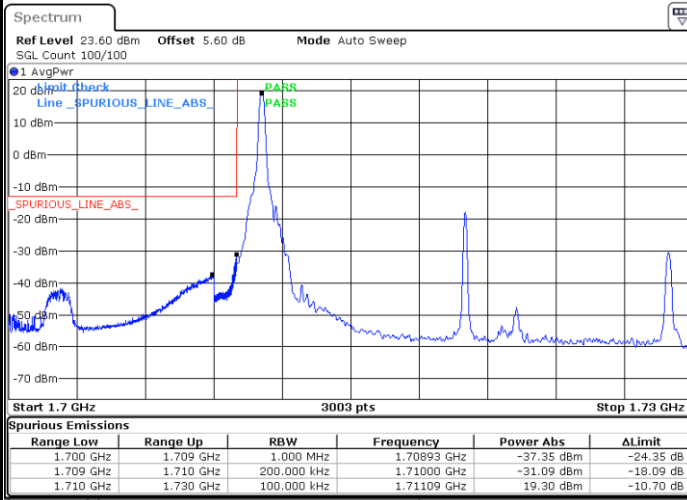


Date: 25 MAY 2021 19:57:51



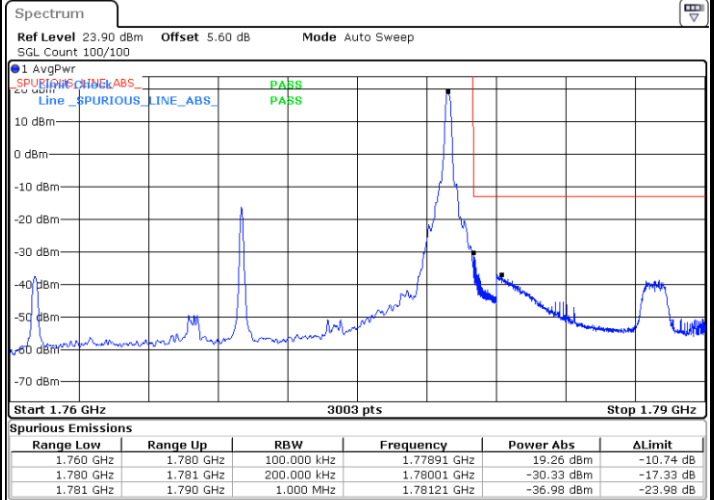
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



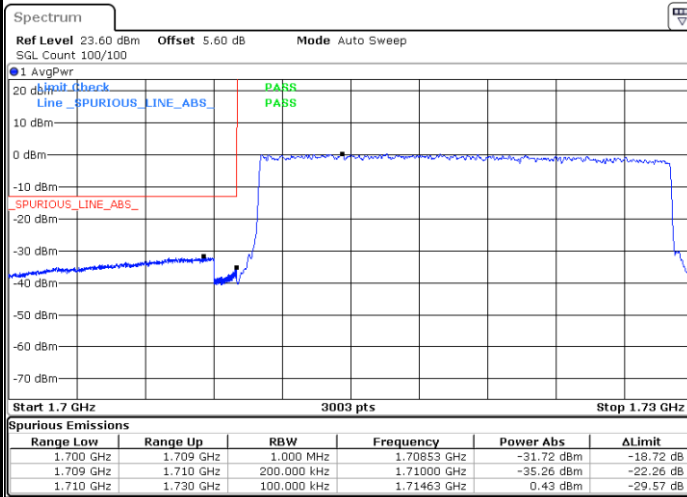
Date: 25 MAY 2021 19:50:53

Highest Band Edge / 1 RB



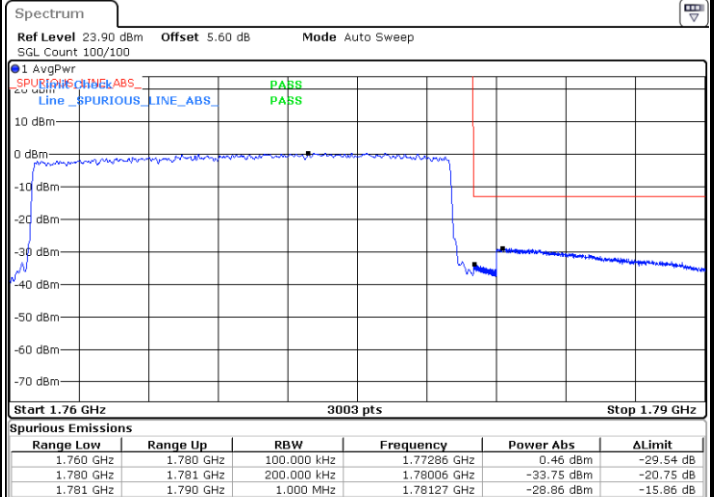
Date: 25 MAY 2021 19:56:28

Lowest Band Edge / Full RB



Date: 25 MAY 2021 19:53:41

Highest Band Edge / Full RB

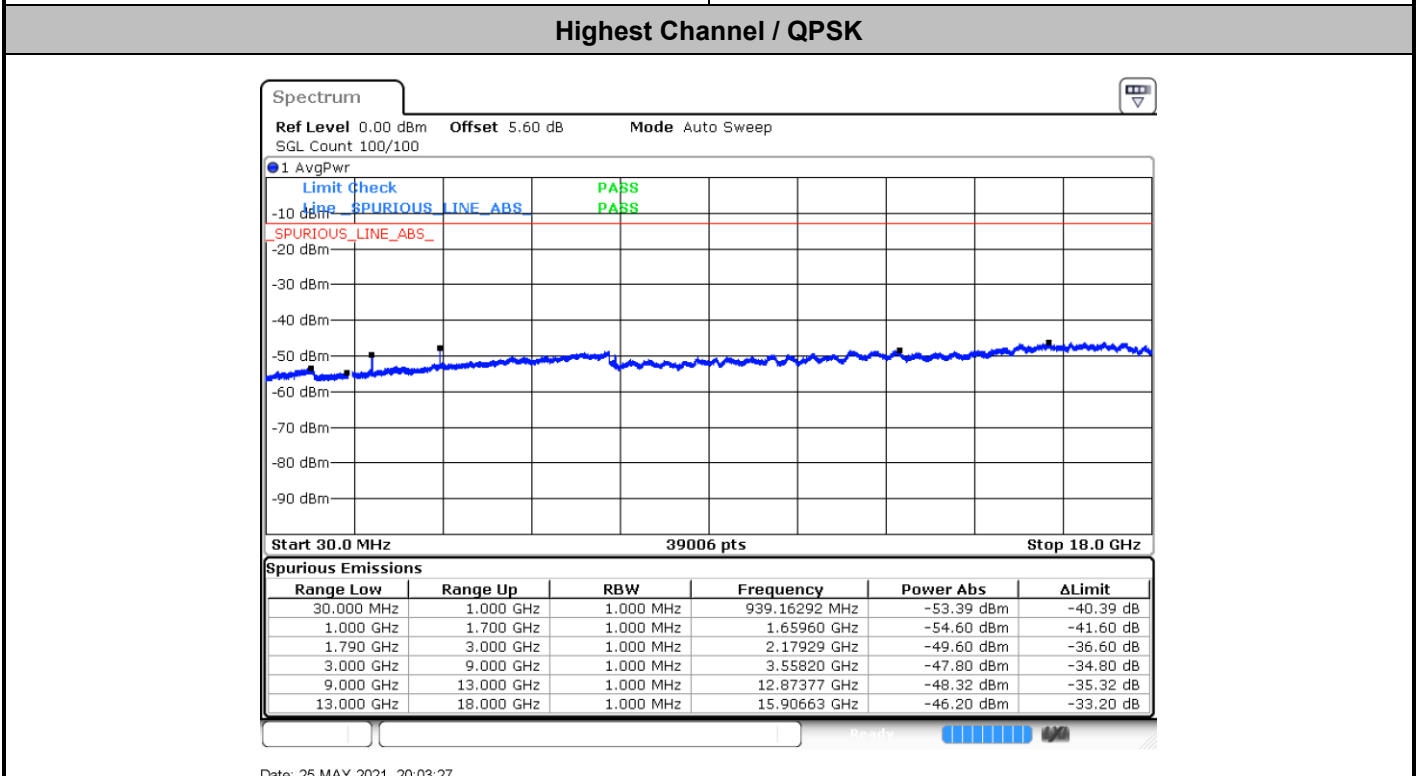
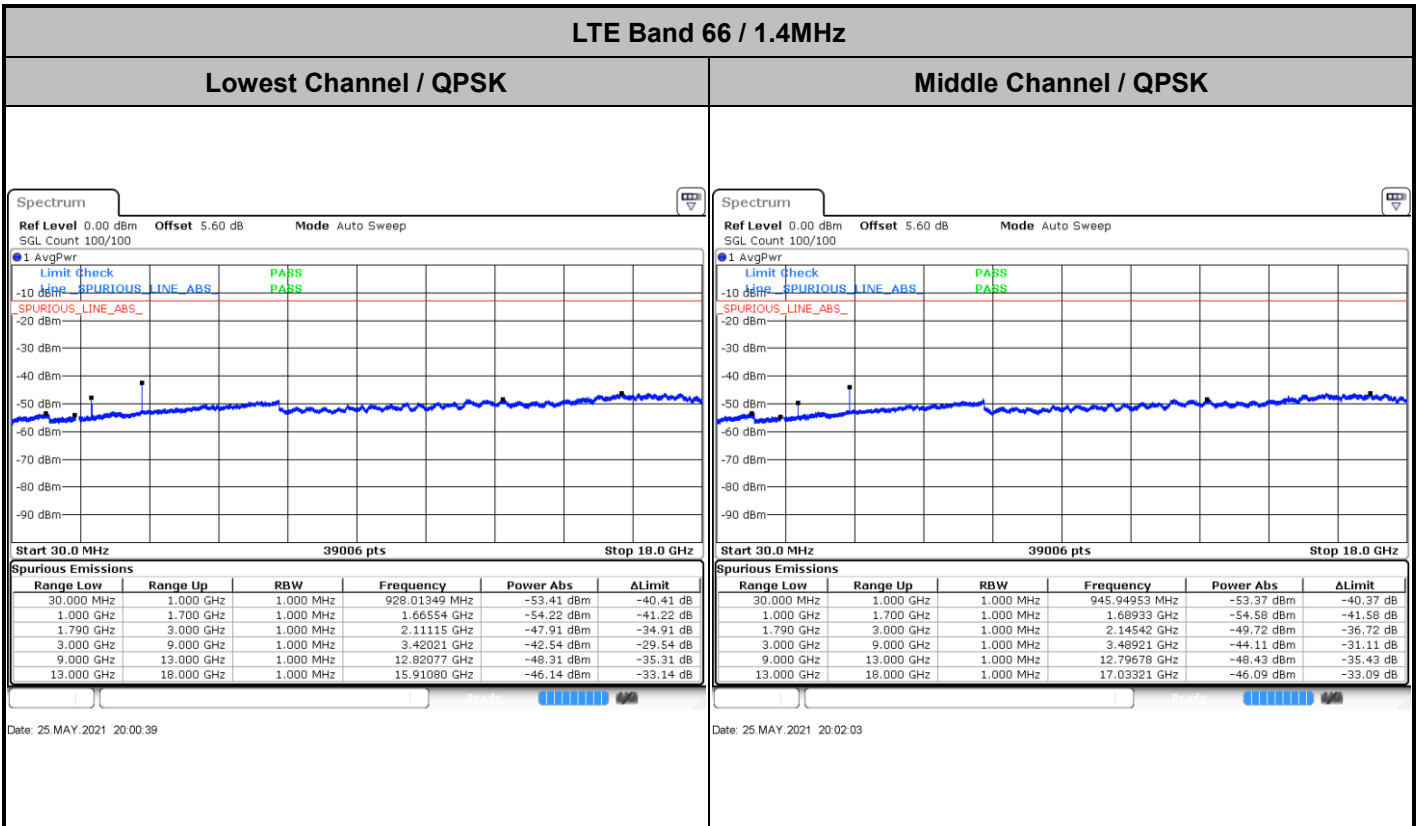


Date: 25 MAY 2021 19:59:15





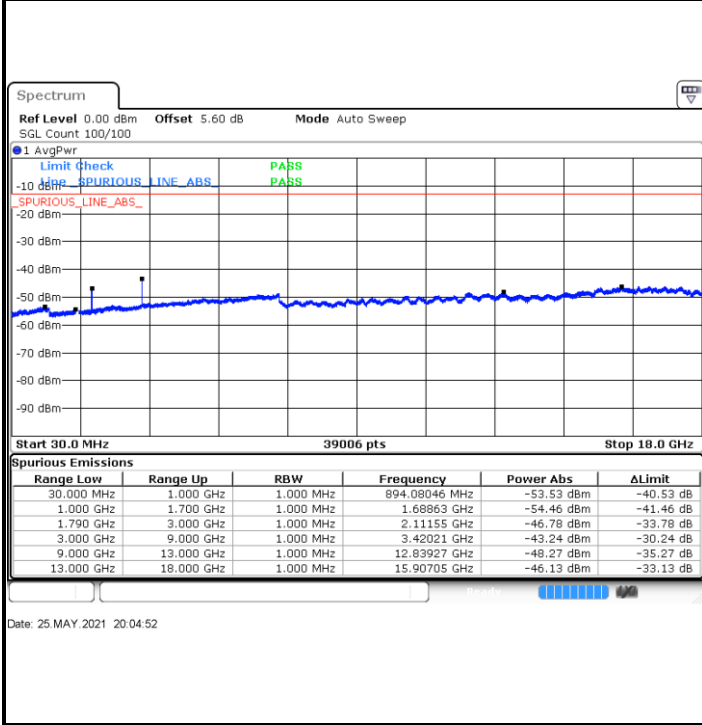
# Conducted Spurious Emission



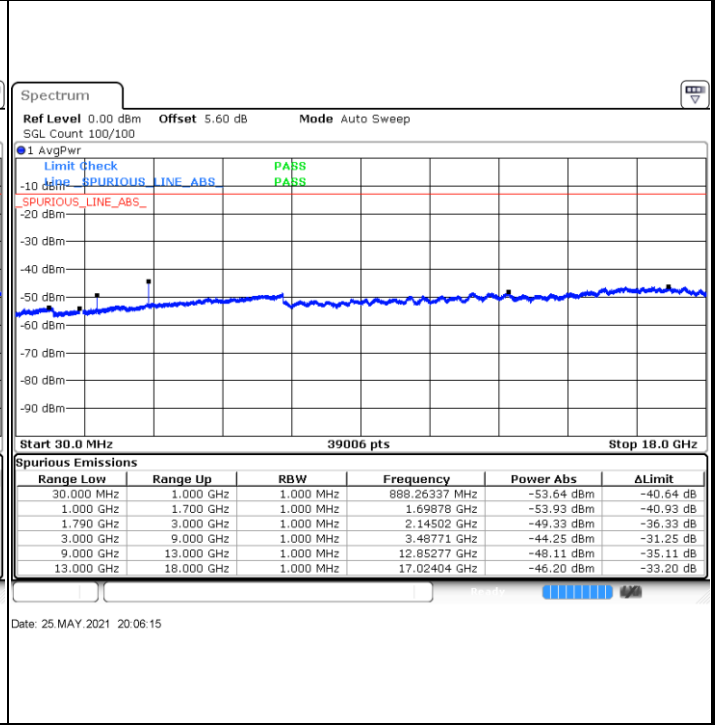


LTE Band 66 / 3MHz

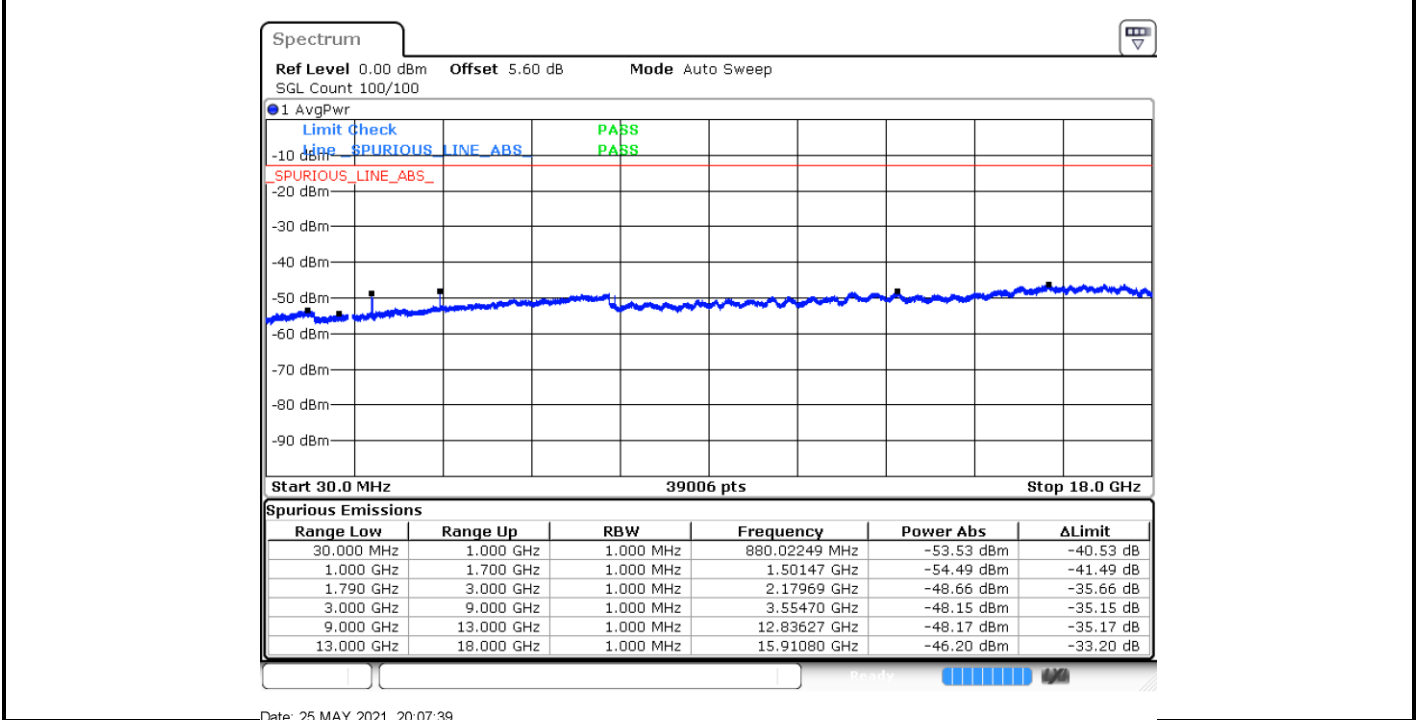
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

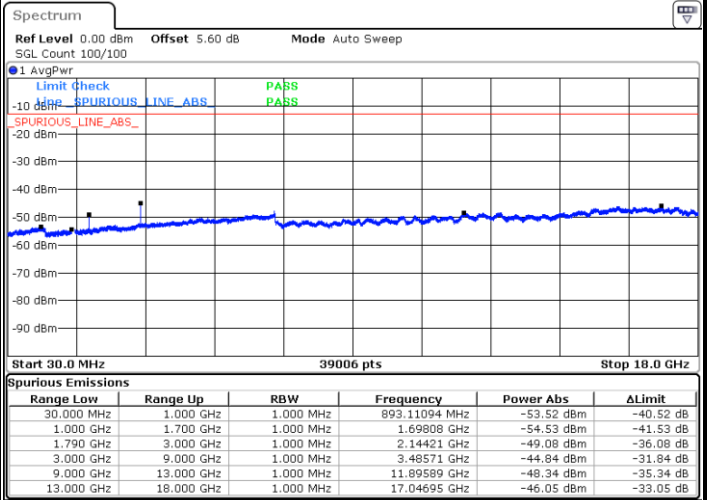
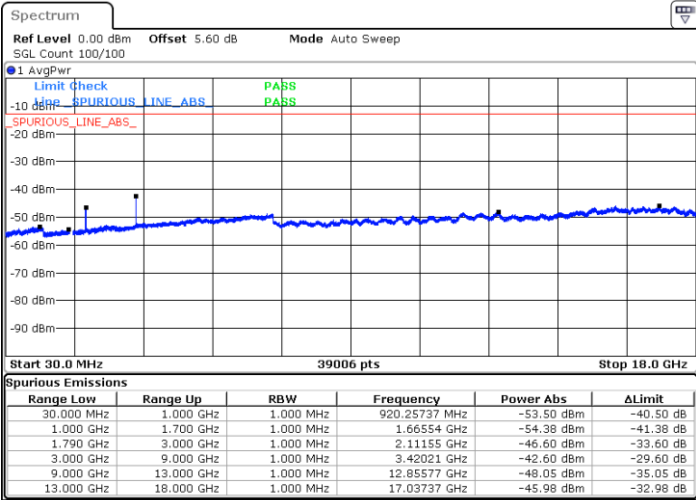




LTE Band 66 / 5MHz

Lowest Channel / QPSK

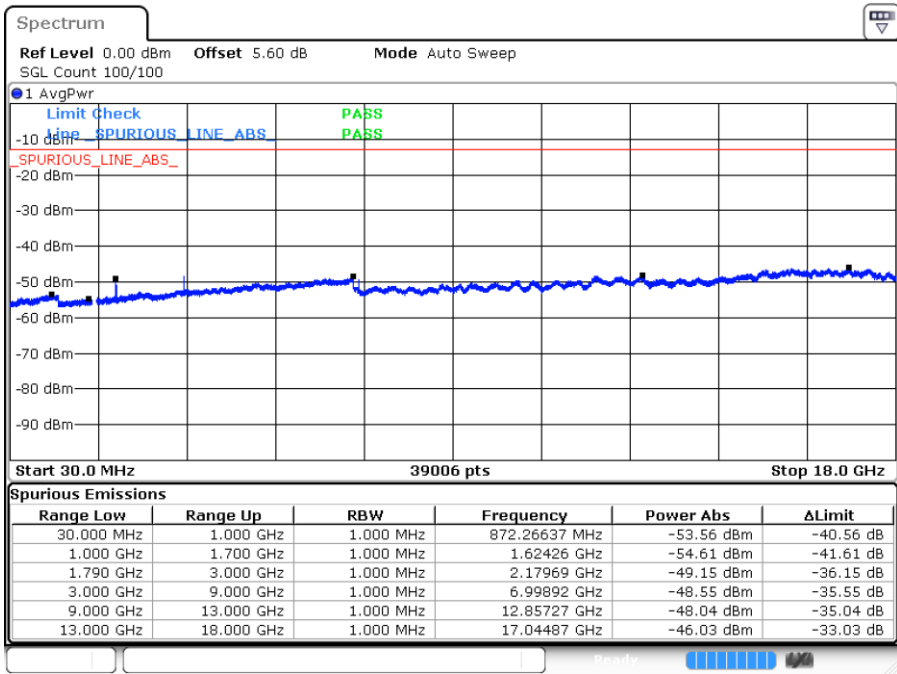
Middle Channel / QPSK



Date: 25 MAY 2021 20:09:03

Date: 25 MAY 2021 20:10:27

Highest Channel / QPSK

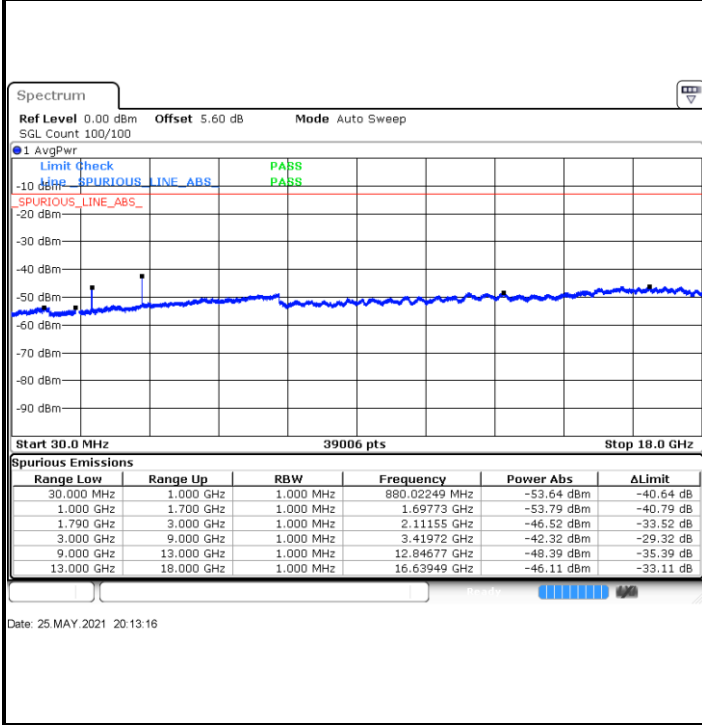


Date: 25 MAY 2021 20:11:51

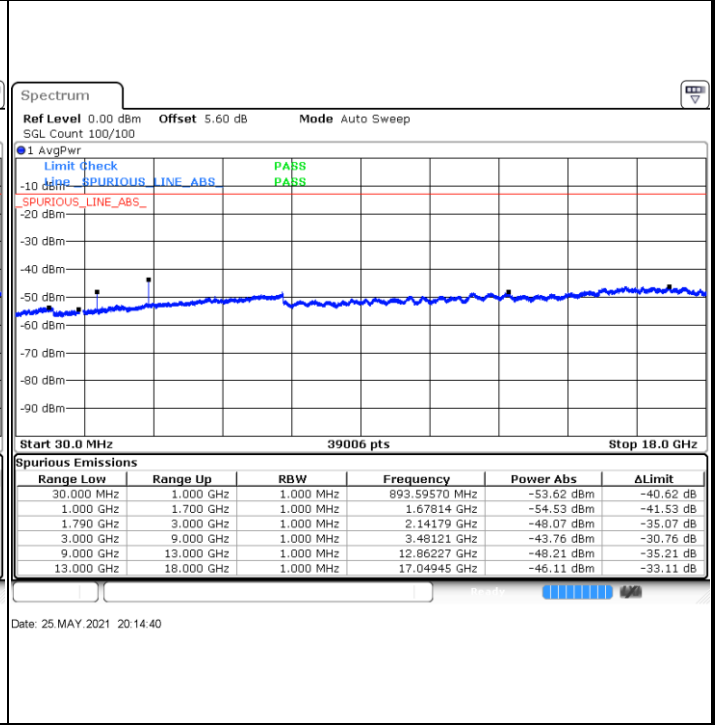


LTE Band 66 / 10MHz

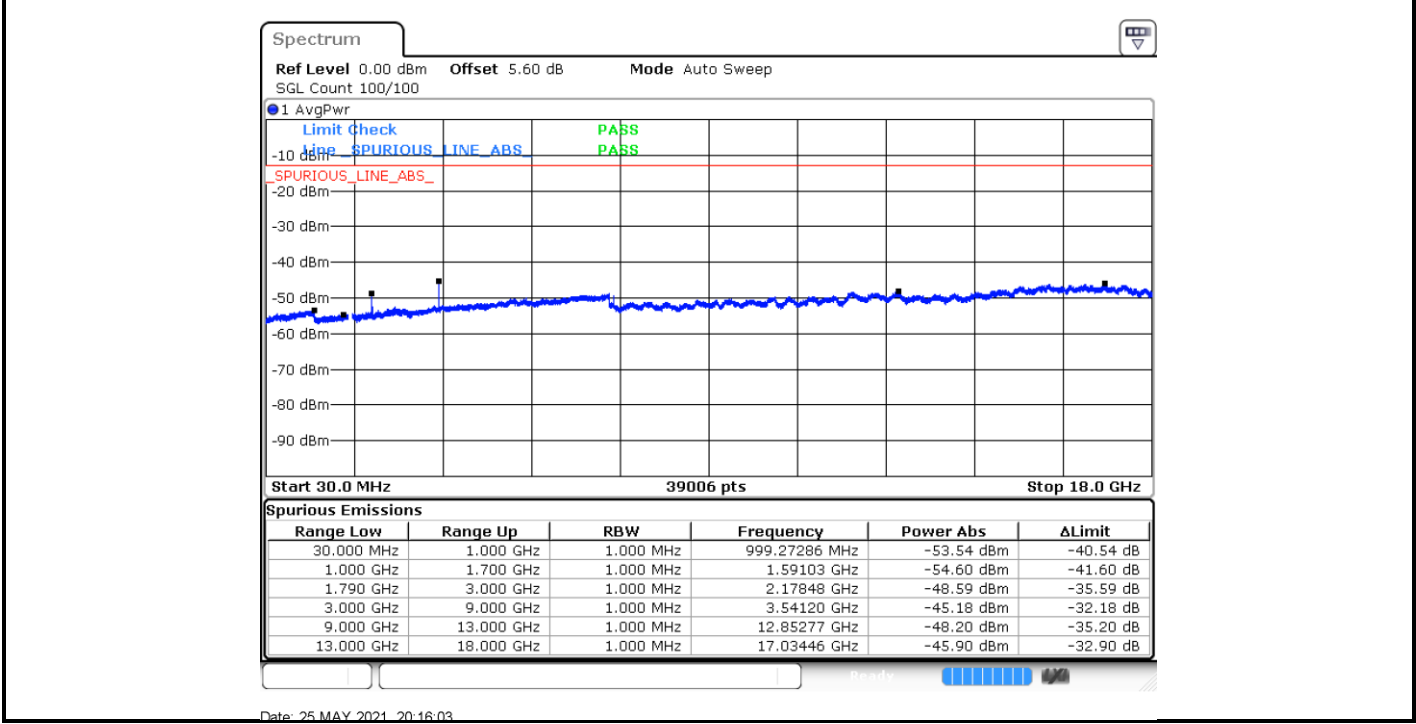
Lowest Channel / QPSK



Middle Channel / QPSK



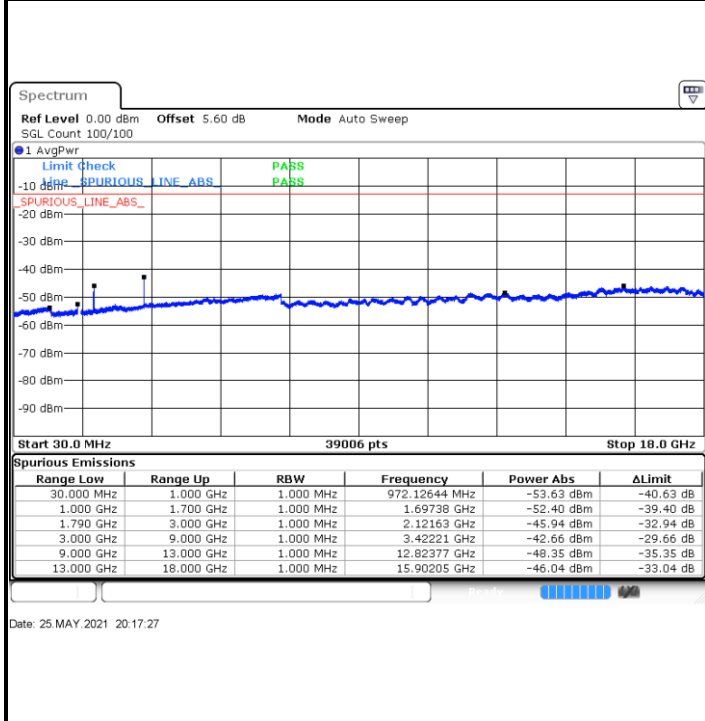
Highest Channel / QPSK



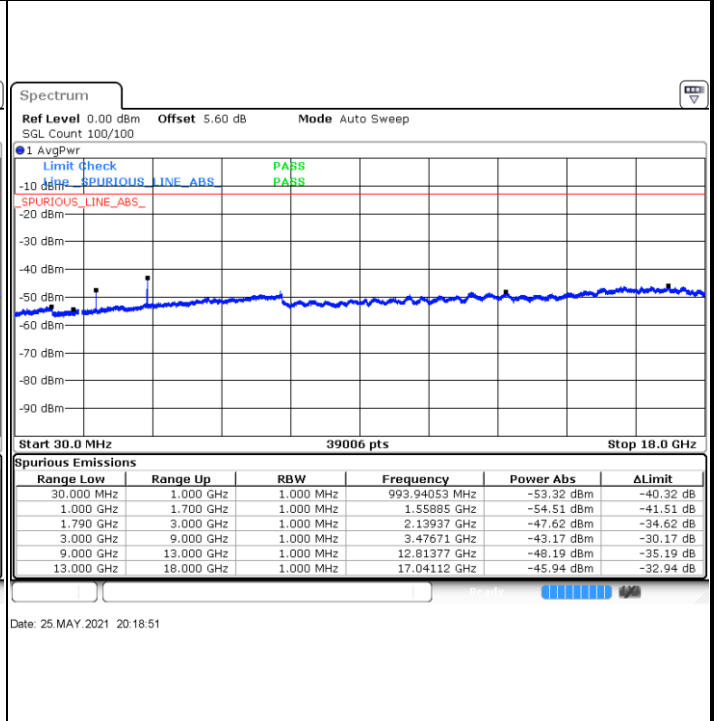


**LTE Band 66 / 15MHz**

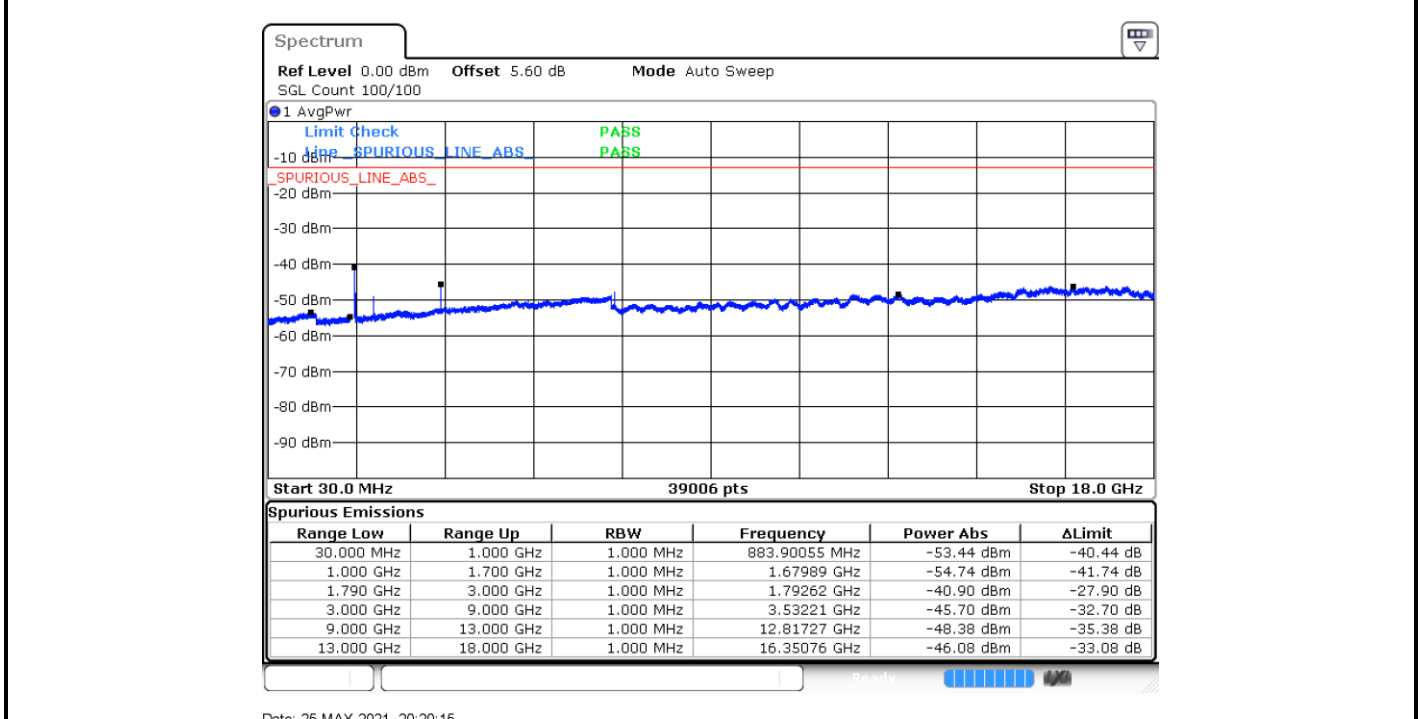
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



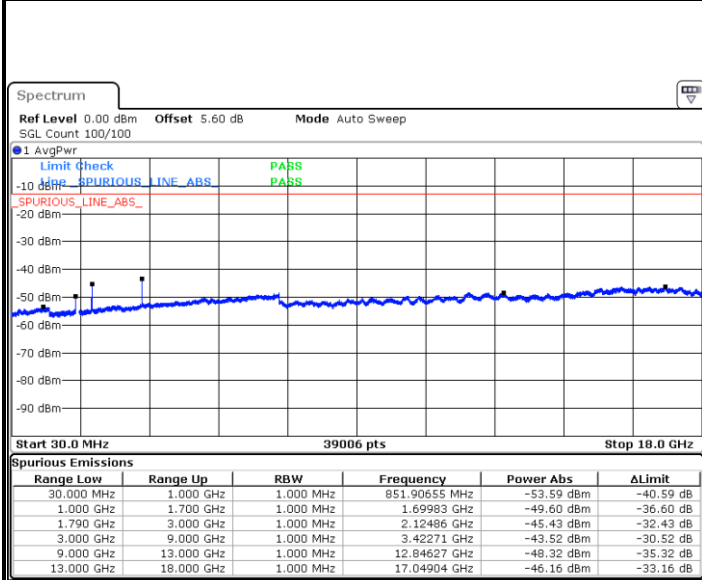
**Highest Channel / QPSK**





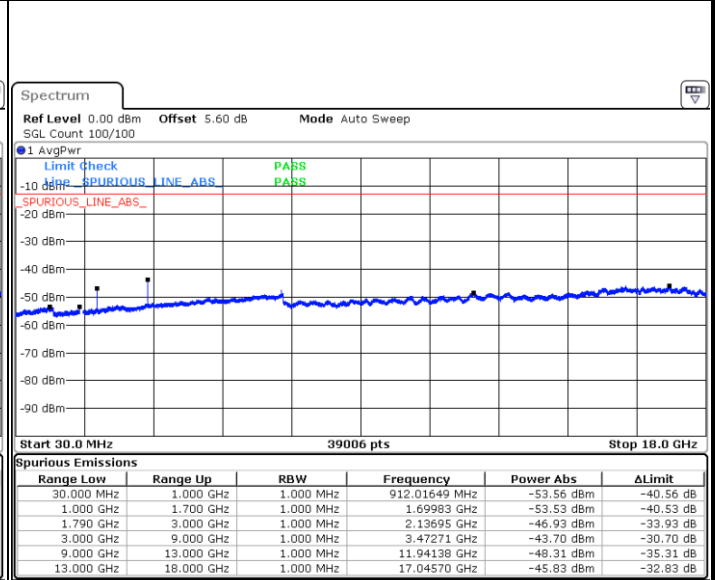
LTE Band 66 / 20MHz

Lowest Channel / QPSK



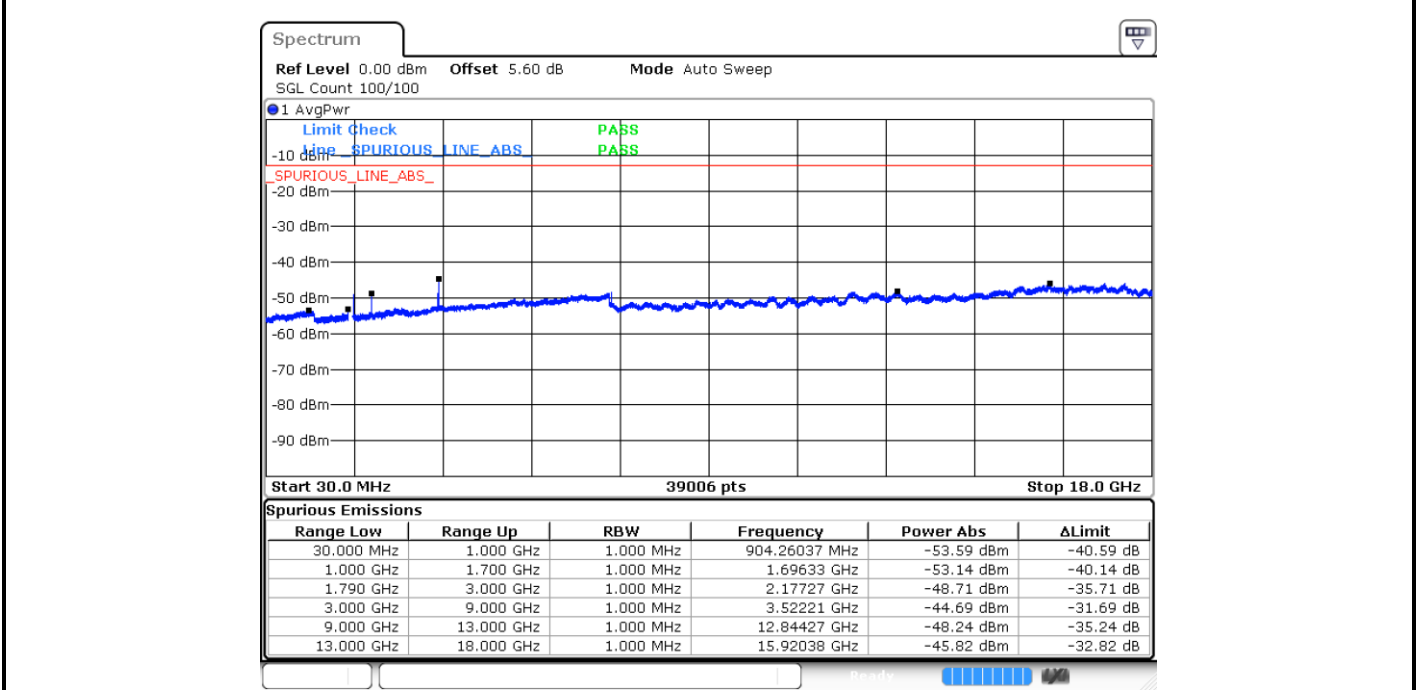
Date: 25 MAY 2021 20:21:40

Middle Channel / QPSK



Date: 25 MAY 2021 20:23:04

Highest Channel / QPSK



Date: 25 MAY 2021 20:24:28



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    | 0.0005                              | PASS    |
| 40               | Normal Voltage    | 0.0003                              |         |
| 30               | Normal Voltage    | 0.0015                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0003                              |         |
| 0                | Normal Voltage    | 0.0006                              |         |
| -10              | Normal Voltage    | 0.0016                              |         |
| -20              | Normal Voltage    | 0.0008                              |         |
| -30              | Normal Voltage    | 0.0018                              |         |
| 20               | Maximum Voltage   | 0.0002                              |         |
| 20               | Normal Voltage    | 0.0015                              |         |
| 20               | Battery End Point | 0.0001                              |         |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 2 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                    | 3741              | -56.22       | -13           | -43.22            | -68.48             | 2.64                 | 14.90                 | H                  |
|                           | 5613              | -54.65       | -13           | -41.65            | -66.51             | 2.94                 | 14.80                 | H                  |
|                           | 7488              | -53.10       | -13           | -40.10            | -62.87             | 3.39                 | 13.16                 | H                  |
|                           | 3741              | -56.20       | -13           | -43.20            | -68.46             | 2.64                 | 14.90                 | V                  |
|                           | 5613              | -55.58       | -13           | -42.58            | -67.44             | 2.94                 | 14.80                 | V                  |
|                           | 7488              | -52.79       | -13           | -39.79            | -62.56             | 3.39                 | 13.16                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 12 / 10 MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                     | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                      | 1406              | -66.88       | -13           | -53.88            | -73.85             | 1.58                 | 10.70                 | H                  |
|                             | 2110              | -61.64       | -13           | -48.64            | -69.89             | 2.10                 | 12.50                 | H                  |
|                             | 2812              | -59.45       | -13           | -46.45            | -68.34             | 2.86                 | 13.90                 | H                  |
|                             | 3516              | -59.69       | -13           | -46.69            | -67.38             | 3.46                 | 13.30                 | H                  |
|                             | 1406              | -66.26       | -13           | -53.26            | -73.23             | 1.58                 | 10.70                 | V                  |
|                             | 2110              | -60.95       | -13           | -47.95            | -69.20             | 2.10                 | 12.50                 | V                  |
|                             | 2812              | -59.20       | -13           | -46.20            | -68.09             | 2.86                 | 13.90                 | V                  |
|                             | 3516              | -60.04       | -13           | -47.04            | -67.73             | 3.46                 | 13.30                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 13 / 5MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                    | 1560              | -64.90       | -42.15        | -22.75            | -67.53             | 1.09                 | 5.87                  | H                  |
|                           | 2340              | -57.12       | -13           | -44.12            | -59.52             | 1.37                 | 5.92                  | H                  |
|                           | 3120              | -59.07       | -13           | -46.07            | -62.96             | 1.64                 | 7.68                  | H                  |
|                           | 1560              | -64.88       | -42.15        | -22.73            | -67.51             | 1.09                 | 5.87                  | V                  |
|                           | 2340              | -58.21       | -13           | -45.21            | -60.61             | 1.37                 | 5.92                  | V                  |
|                           | 3120              | -58.80       | -13           | -45.80            | -62.69             | 1.64                 | 7.68                  | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.





| LTE Band 13 / 10MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1556              | -65.83       | -13           | -52.83            | -68.46             | 1.09                 | 5.87                  | H                  |
|                            | 2332              | -57.60       | -13           | -44.60            | -60.00             | 1.37                 | 5.92                  | H                  |
|                            | 3108              | -59.03       | -13           | -46.03            | -62.92             | 1.64                 | 7.68                  | H                  |
|                            | 1556              | -64.83       | -13           | -51.83            | -67.46             | 1.09                 | 5.87                  | V                  |
|                            | 2332              | -58.30       | -13           | -45.30            | -60.70             | 1.37                 | 5.92                  | V                  |
|                            | 3108              | -58.83       | -13           | -45.83            | -62.72             | 1.64                 | 7.68                  | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 66 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 3471              | -57.63       | -13           | -44.63            | -68.37             | 2.604                | 13.34                 | H                  |
|                            | 5208              | -55.00       | -13           | -42.00            | -65.51             | 3.011                | 13.52                 | H                  |
|                            | 6948              | -54.69       | -13           | -41.69            | -64.89             | 3.271                | 13.47                 | H                  |
|                            | 3471              | -58.13       | -13           | -45.13            | -68.87             | 2.604                | 13.34                 | V                  |
|                            | 5208              | -54.81       | -13           | -41.81            | -65.32             | 3.011                | 13.52                 | V                  |
|                            | 6948              | -54.76       | -13           | -41.76            | -64.96             | 3.271                | 13.47                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.