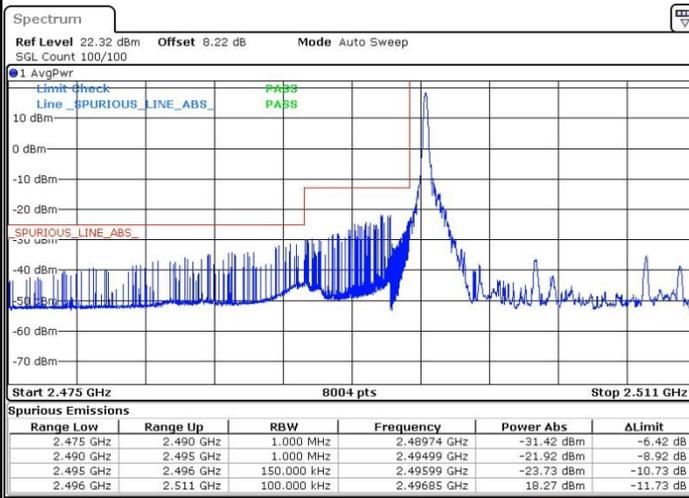




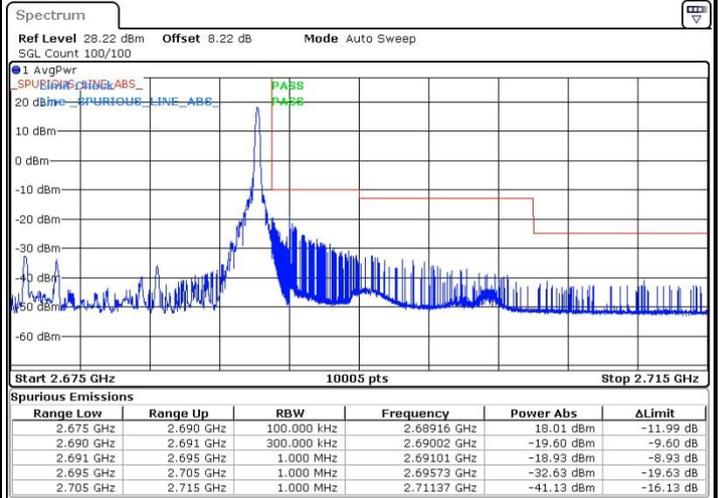
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



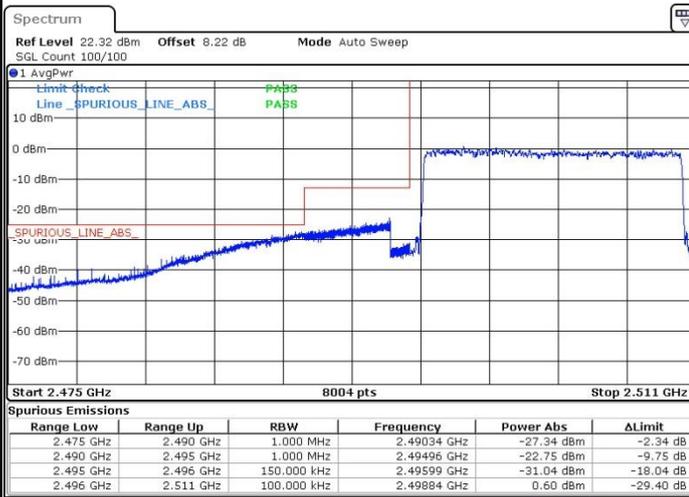
Date: 5 FEB 2022 01:34:40

Highest Band Edge / 1 RB



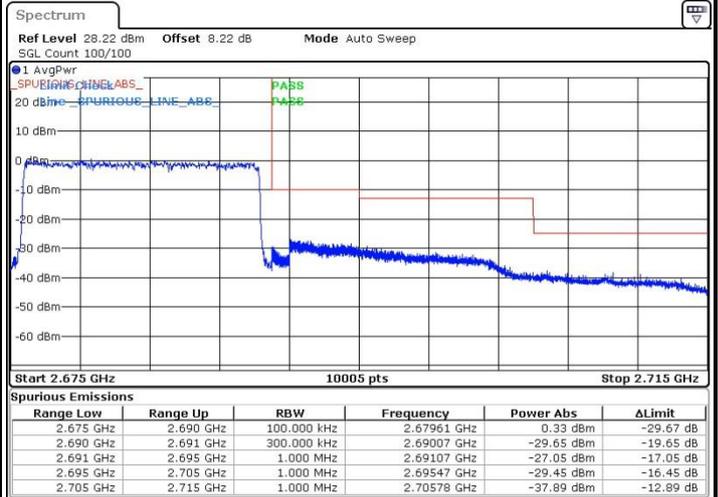
Date: 5 FEB 2022 01:45:55

Lowest Band Edge / Full RB



Date: 5 FEB 2022 01:37:19

Highest Band Edge / Full RB

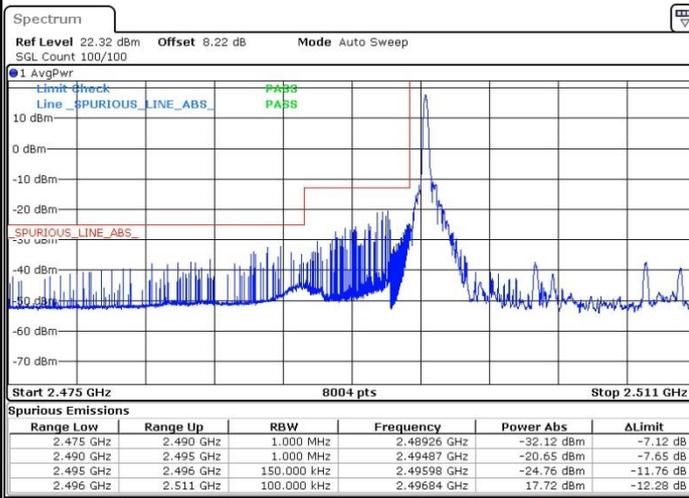


Date: 5 FEB 2022 01:48:44



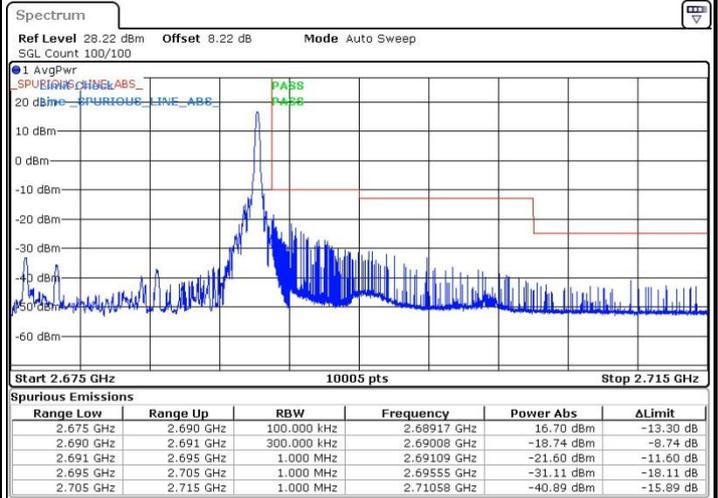
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



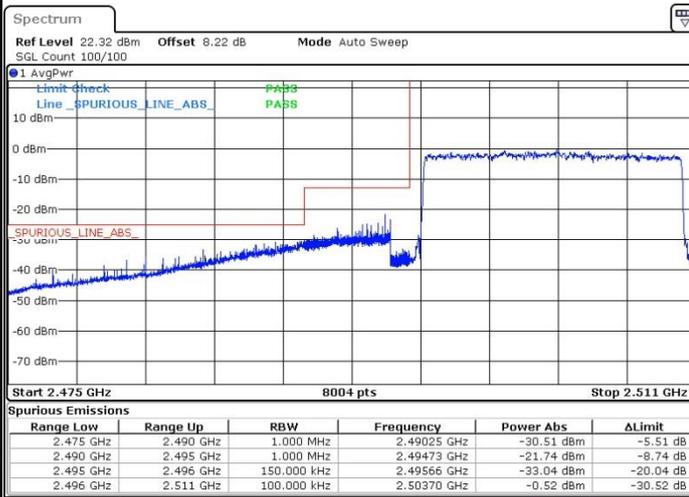
Date: 5 FEB 2022 01:35:33

Highest Band Edge / 1 RB



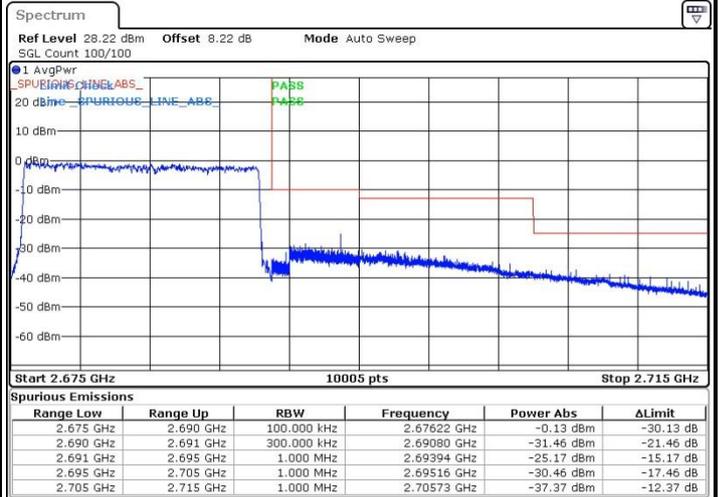
Date: 5 FEB 2022 01:46:14

Lowest Band Edge / Full RB



Date: 5 FEB 2022 01:36:44

Highest Band Edge / Full RB

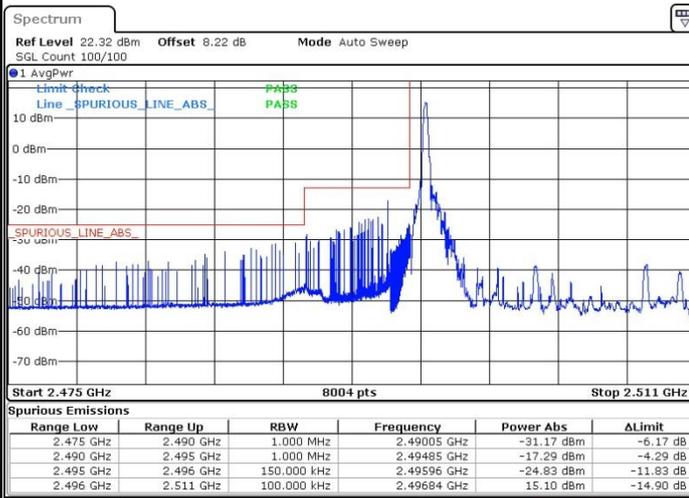


Date: 5 FEB 2022 01:47:55



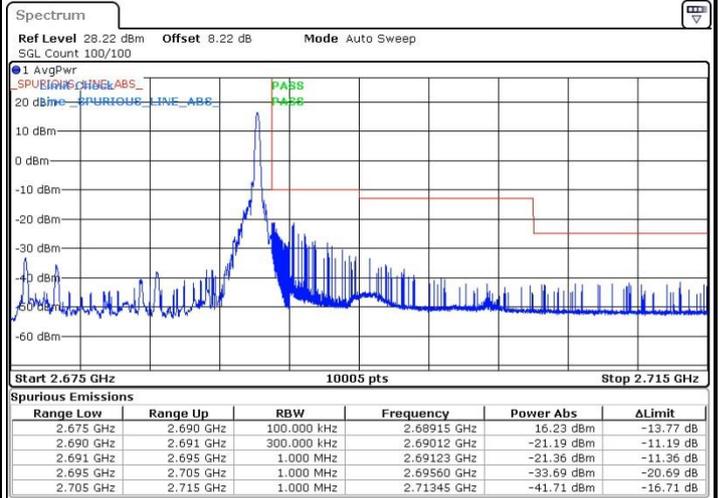
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



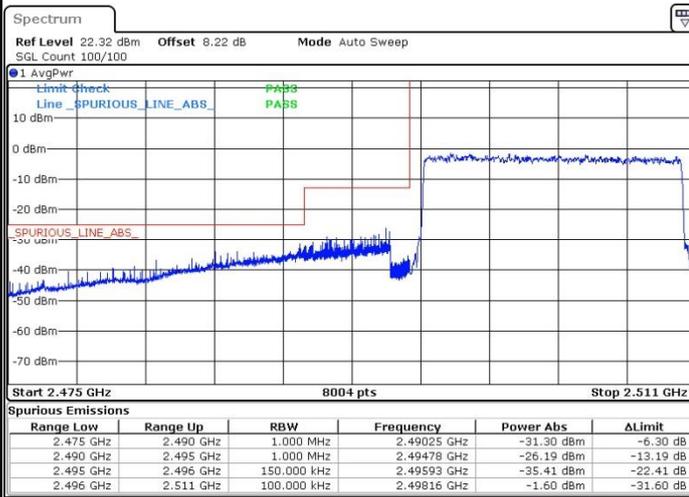
Date: 5 FEB 2022 01:35:56

Highest Band Edge / 1 RB



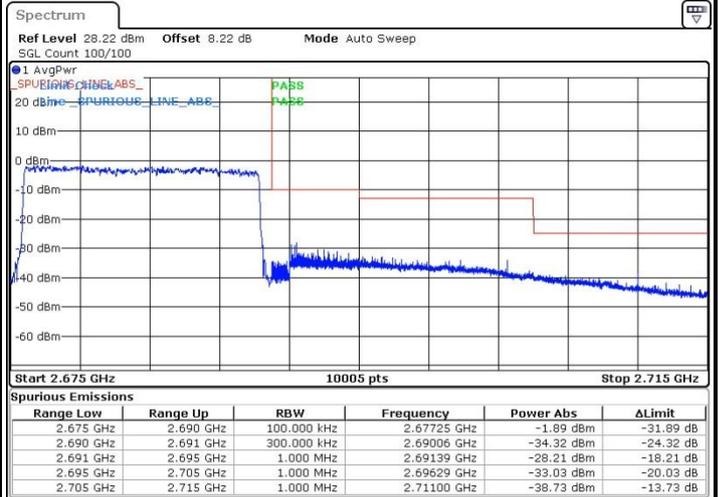
Date: 5 FEB 2022 01:46:56

Lowest Band Edge / Full RB



Date: 5 FEB 2022 01:36:21

Highest Band Edge / Full RB

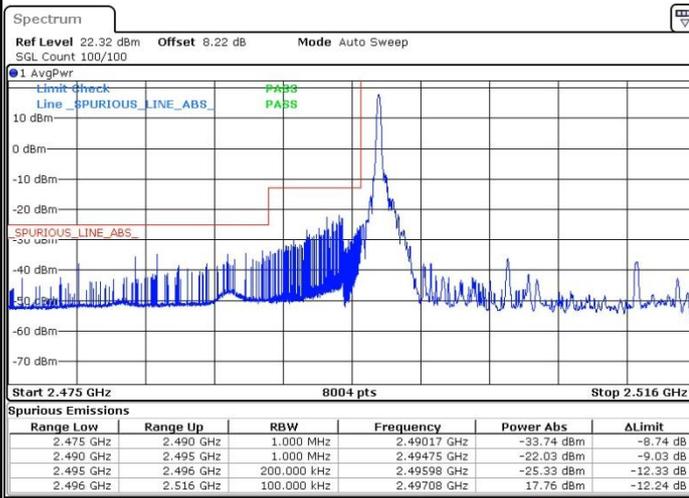


Date: 5 FEB 2022 01:47:23



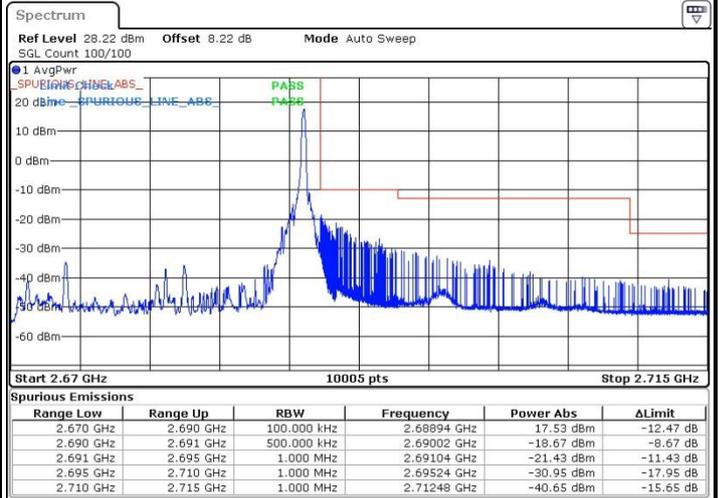
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



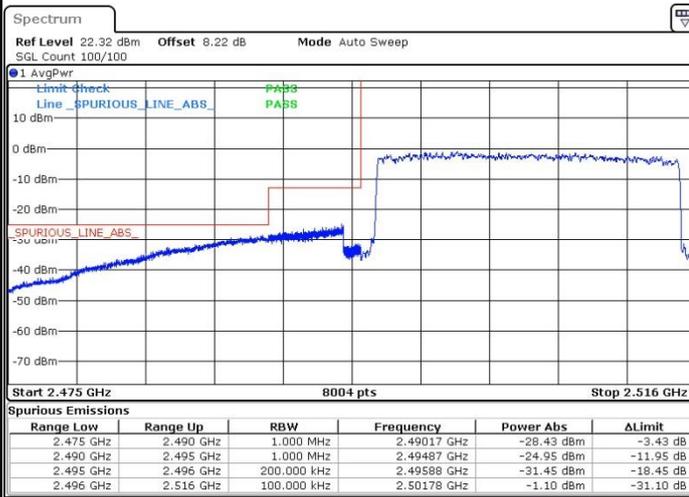
Date: 5 FEB 2022 01:53:35

Highest Band Edge / 1 RB



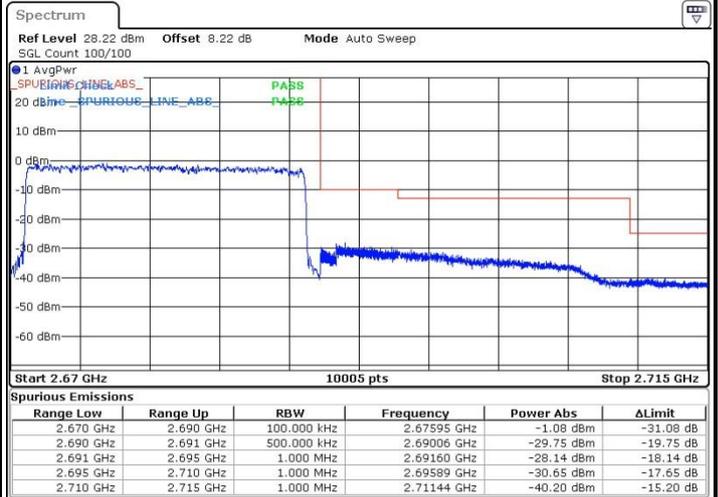
Date: 5 FEB 2022 02:16:50

Lowest Band Edge / Full RB



Date: 5 FEB 2022 01:56:39

Highest Band Edge / Full RB

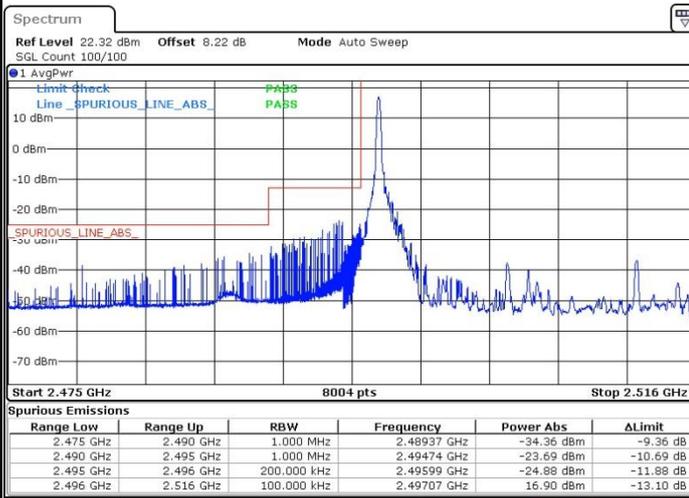


Date: 5 FEB 2022 02:18:53



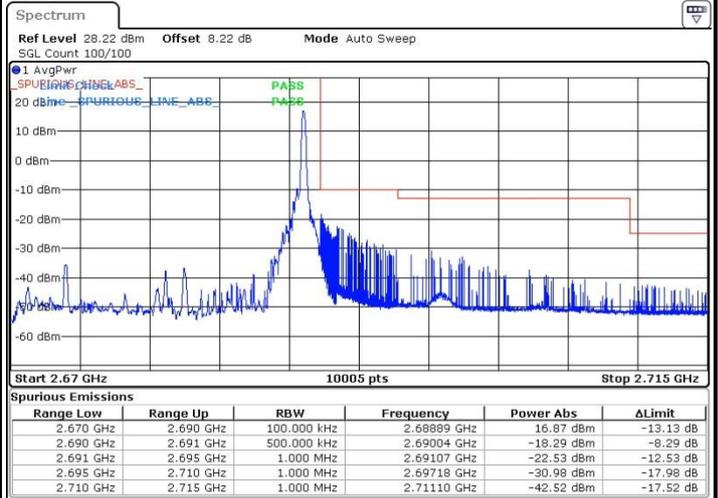
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



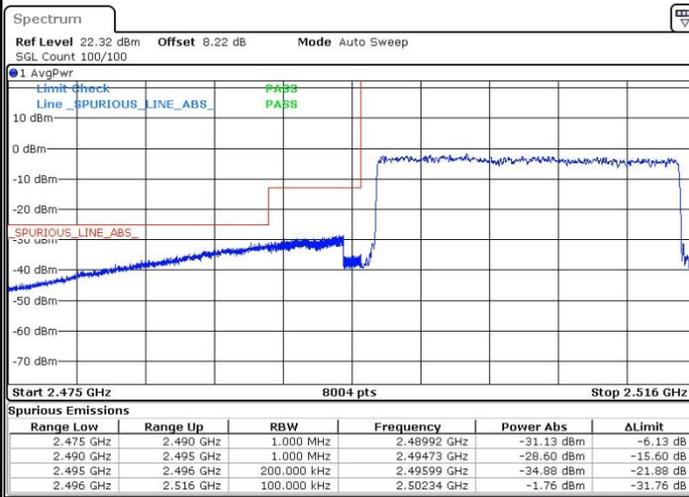
Date: 5 FEB 2022 01:54:16

Highest Band Edge / 1 RB



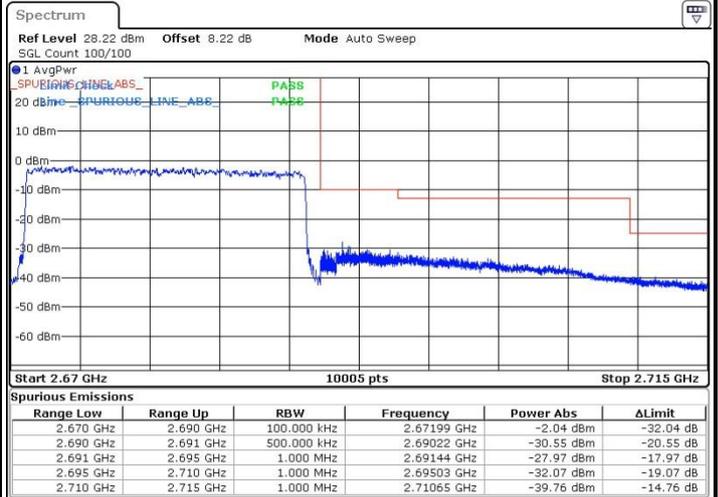
Date: 5 FEB 2022 02:17:18

Lowest Band Edge / Full RB



Date: 5 FEB 2022 01:56:12

Highest Band Edge / Full RB

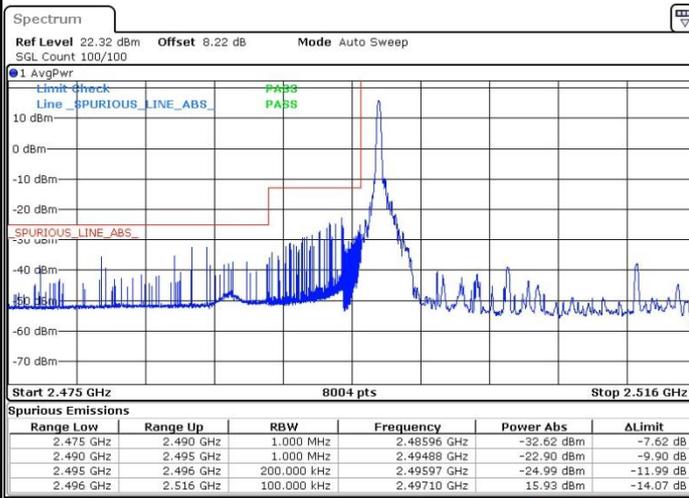


Date: 5 FEB 2022 02:18:34



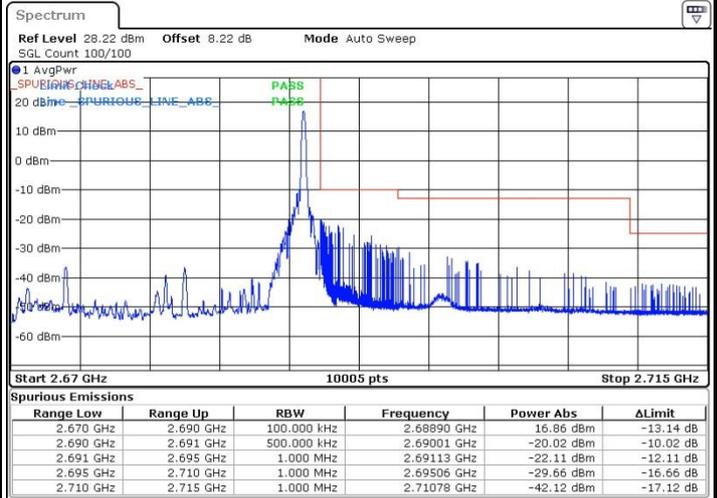
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



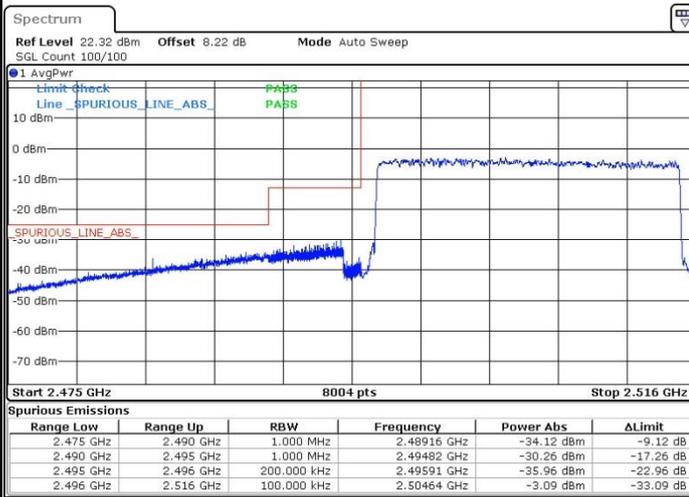
Date: 5 FEB 2022 01:54:43

Highest Band Edge / 1 RB



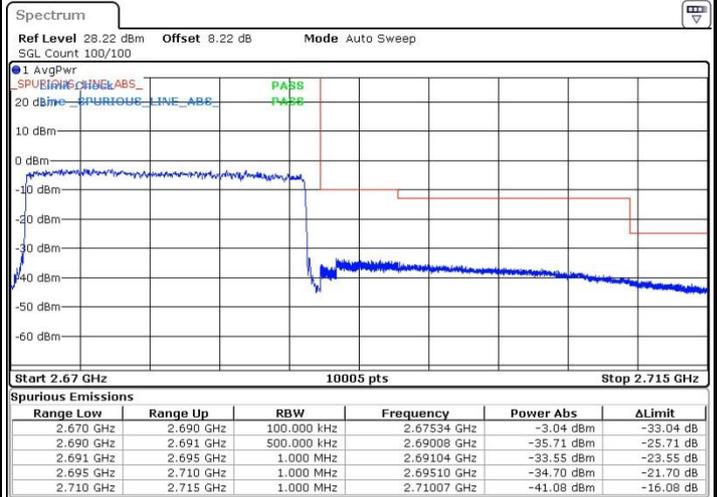
Date: 5 FEB 2022 02:17:35

Lowest Band Edge / Full RB



Date: 5 FEB 2022 01:55:49

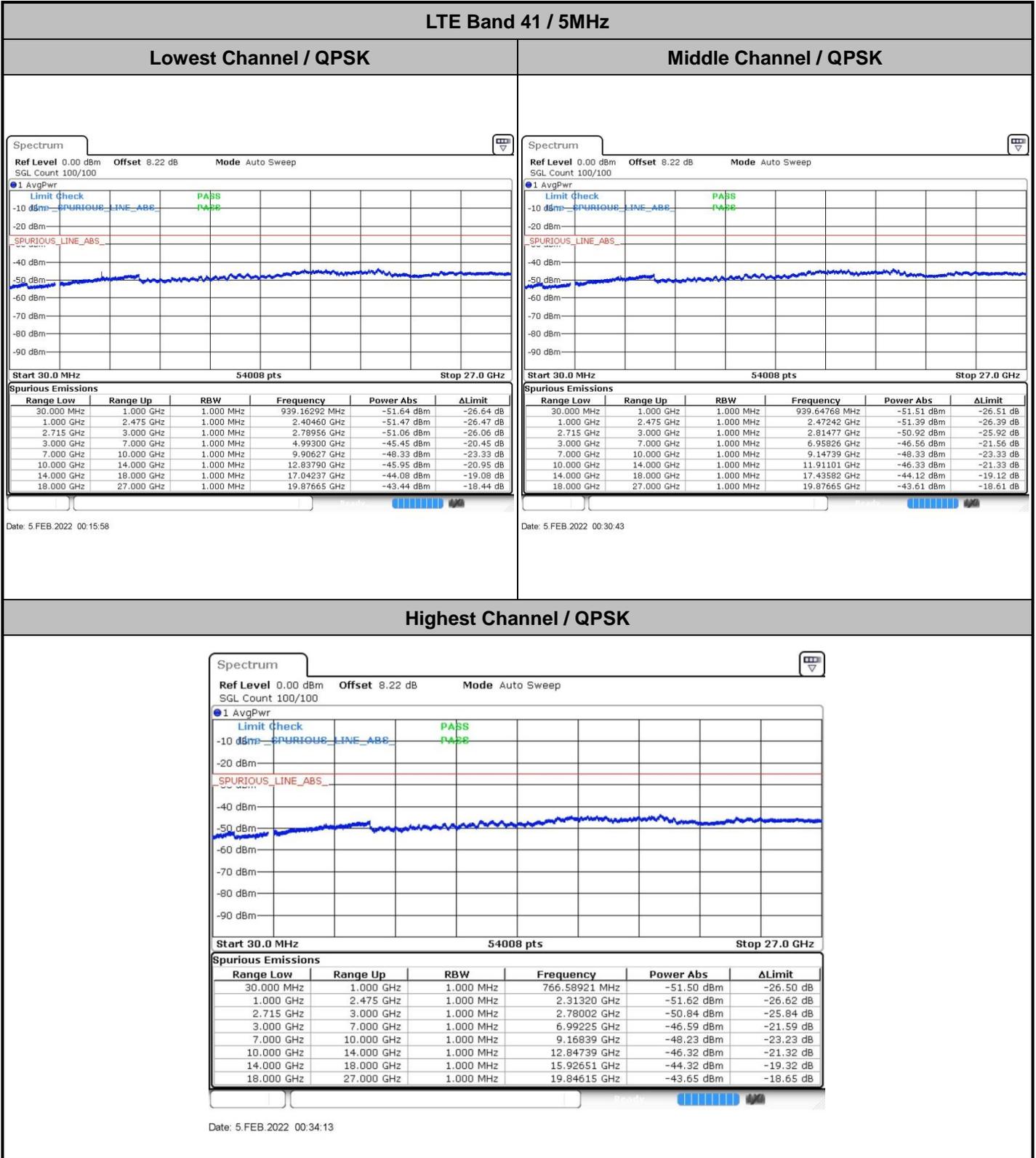
Highest Band Edge / Full RB



Date: 5 FEB 2022 02:18:15



# Conducted Spurious Emission

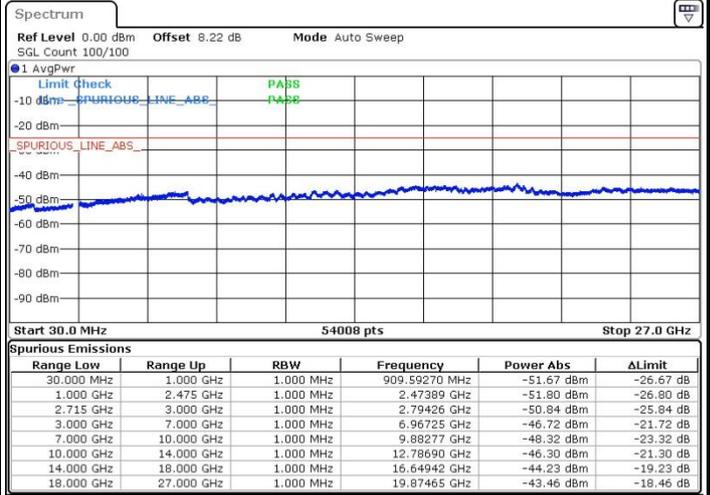
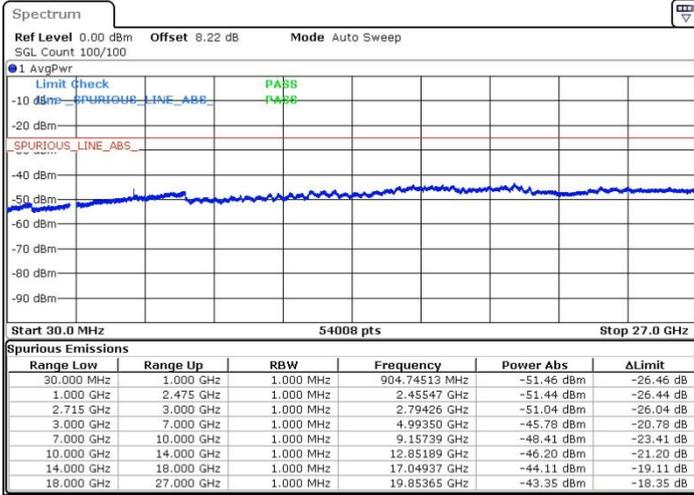




LTE Band 41 / 10MHz

Lowest Channel / QPSK

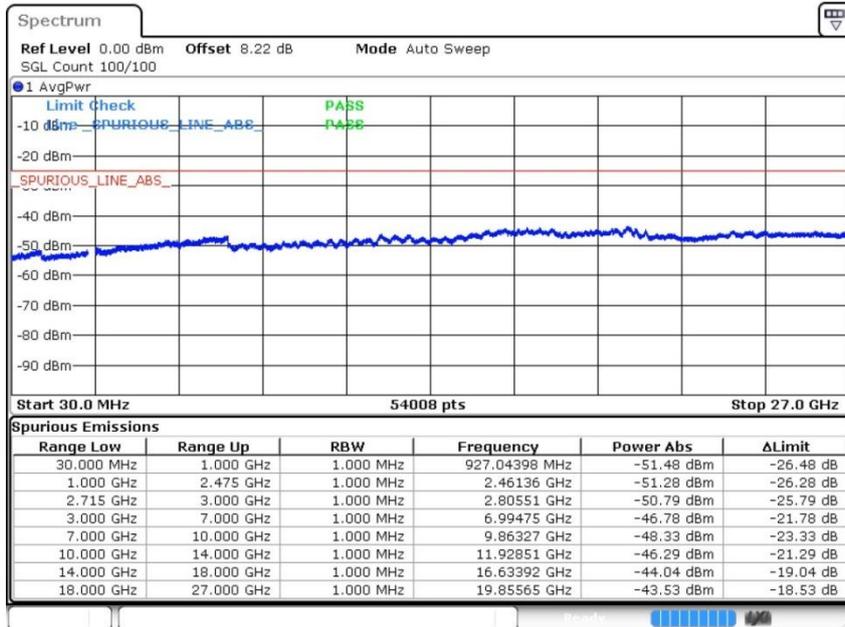
Middle Channel / QPSK



Date: 5.FEB.2022 01:15:31

Date: 5.FEB.2022 01:24:14

Highest Channel / QPSK



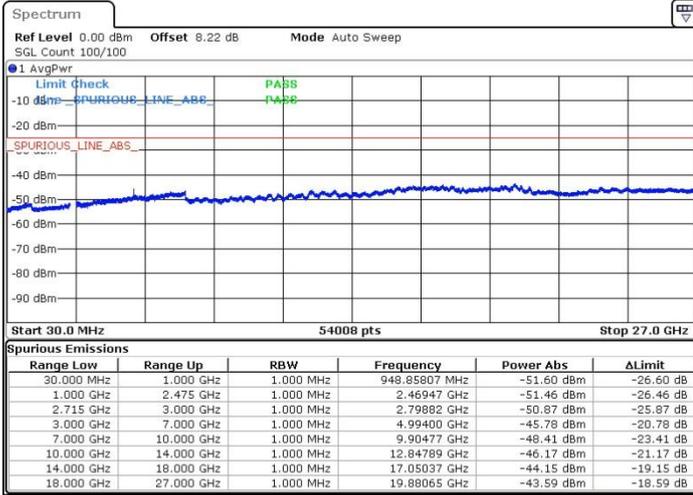
Date: 5.FEB.2022 01:27:27



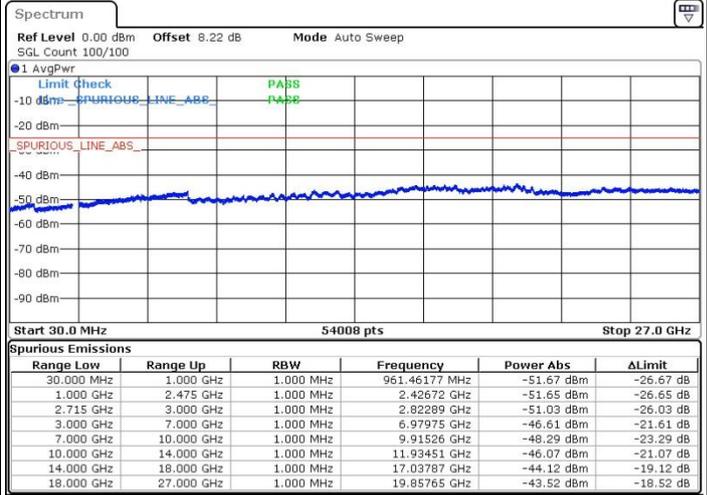
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

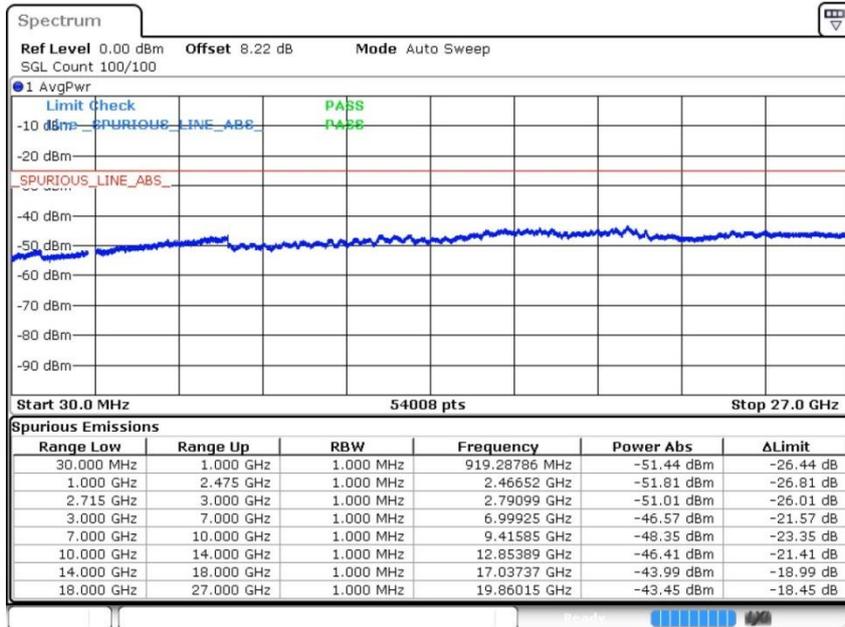


Date: 5 FEB 2022 01:33:55



Date: 5 FEB 2022 01:40:02

Highest Channel / QPSK

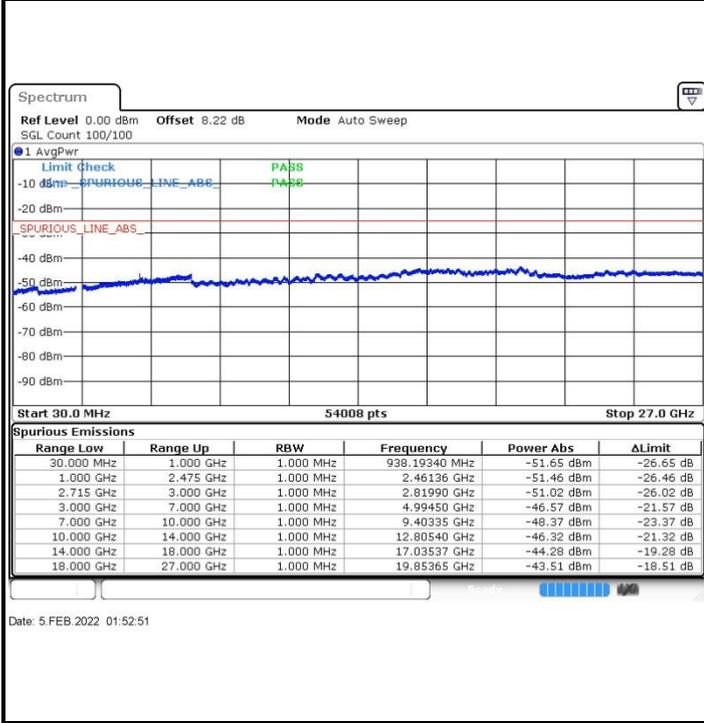


Date: 5 FEB 2022 01:45:06

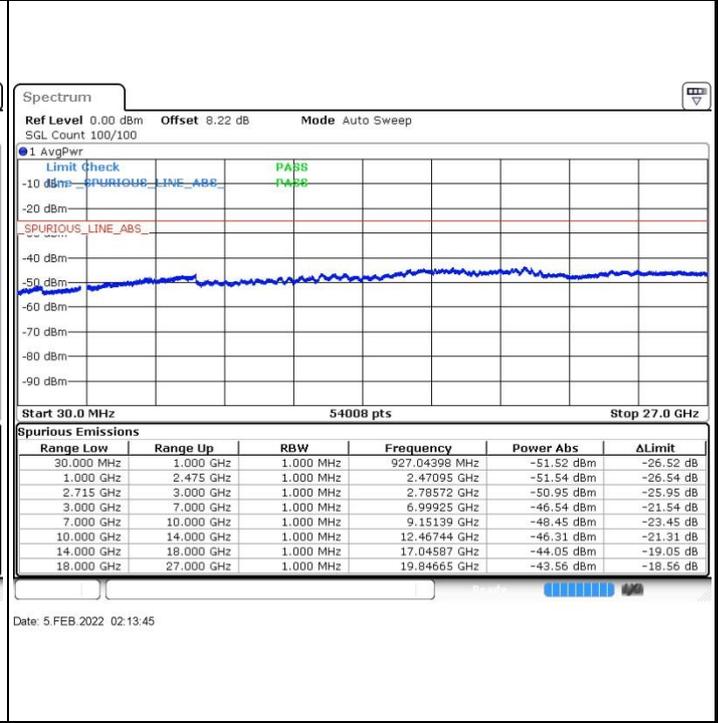


**LTE Band 41 / 20MHz**

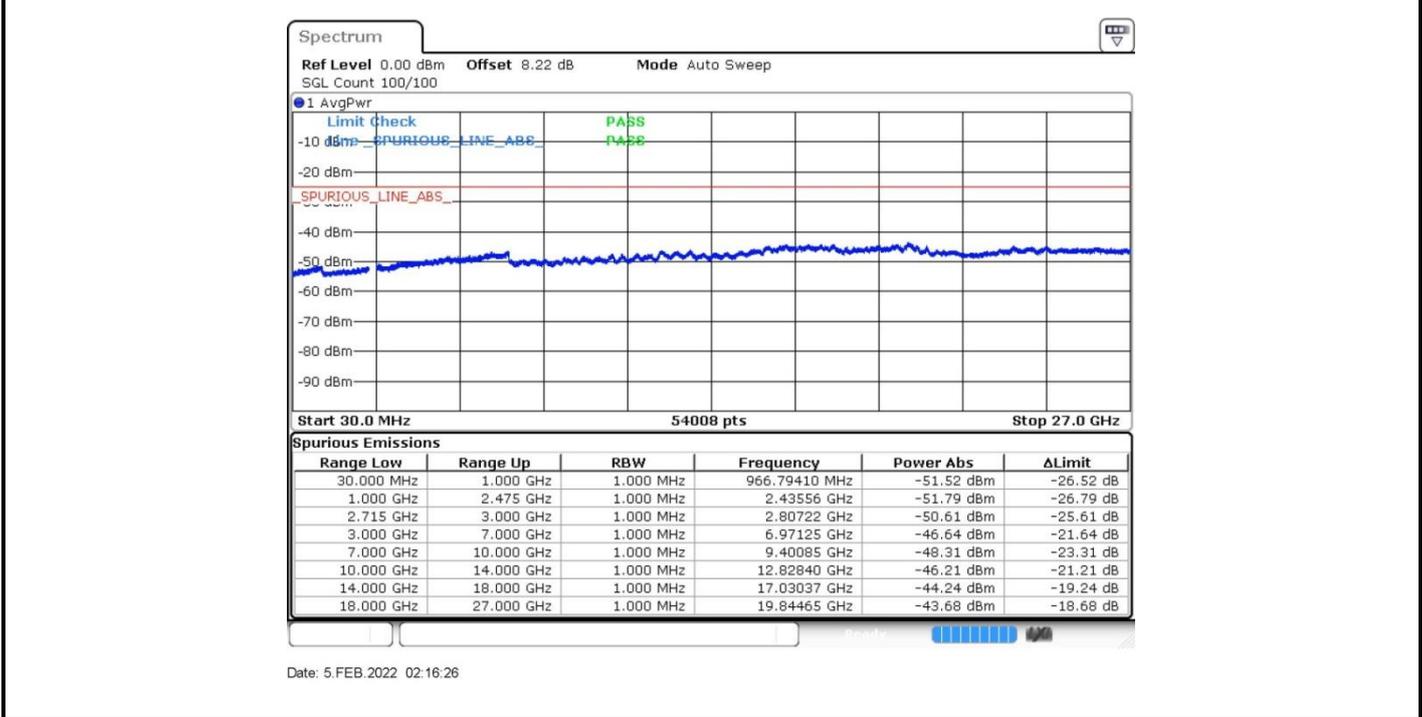
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





Frequency Stability

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0019                              | PASS    |
| 40               | Normal Voltage    | 0.0012                              |         |
| 30               | Normal Voltage    | 0.0016                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0003                              |         |
| 0                | Normal Voltage    | 0.0015                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0022                              |         |
| -30              | Normal Voltage    | 0.0026                              |         |
| 20               | Maximum Voltage   | 0.0013                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0015                              |         |

Note:

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



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Chris Chen | Temperature :       | 22~23°C |
|                 |            | Relative Humidity : | 41~42%  |

Note: Pre-scanned harmonic for testing, we choose the worst antenna mode to test.

| LTE Band 7 / 20MHz / QPSK for Ant.1 |                   |              |               |                   |                    |                      |                       |                    |
|-------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                              | 5052              | -61.86       | -25           | -36.86            | -72.07             | 3.03                 | 13.24                 | H                  |
|                                     | 7576              | -51.78       | -25           | -26.78            | -61.23             | 3.56                 | 13.01                 | H                  |
|                                     | 10100             | -48.66       | -25           | -23.66            | -58.18             | 3.92                 | 13.44                 | H                  |
|                                     | 5052              | -62.04       | -25           | -37.04            | -72.25             | 3.03                 | 13.24                 | V                  |
|                                     | 7576              | -57.44       | -25           | -32.44            | -66.89             | 3.56                 | 13.01                 | V                  |
|                                     | 10100             | -51.98       | -25           | -26.98            | -61.50             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 41 / 20MHz / QPSK for Ant.1 |                   |              |               |                   |                    |                      |                       |                    |
|--------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                               | 5162              | -62.77       | -25           | -37.77            | -72.98             | 3.03                 | 13.24                 | H                  |
|                                      | 7752              | -34.93       | -25           | -9.93             | -44.38             | 3.56                 | 13.01                 | H                  |
|                                      | 10342             | -45.90       | -25           | -20.90            | -55.42             | 3.92                 | 13.44                 | H                  |
|                                      | 5162              | -64.08       | -25           | -39.08            | -74.29             | 3.03                 | 13.24                 | V                  |
|                                      | 7752              | -33.01       | -25           | -8.01             | -42.46             | 3.56                 | 13.01                 | V                  |
|                                      | 10342             | -49.36       | -25           | -24.36            | -58.88             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 7C_CA / 20MHz+20MHz / QPSK for Ant.1 |                   |              |               |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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  | 5050              | -61.75       | -25           | -36.75            | -71.96             | 3.03                 | 13.24                 | H                  |
|   | 7584              | -54.22       | -25           | -29.22            | -63.67             | 3.56                 | 13.01                 | H                  |
|   | 10104             | -49.12       | -25           | -24.12            | -58.64             | 3.92                 | 13.44                 | H                  |
|   | 5050              | -62.59       | -25           | -37.59            | -72.80             | 3.03                 | 13.24                 | V                  |
|   | 7584              | -56.50       | -25           | -31.50            | -65.95             | 3.56                 | 13.01                 | V                  |
|   | 10104             | -51.77       | -25           | -26.77            | -61.29             | 3.92                 | 13.44                 | V                  |



| LTE Band 38C_CA / 20MHz+20MHz / QPSK for Ant.1 |                   |              |               |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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   | 5176              | -64.27       | -25           | -39.27            | -74.48             | 3.03                 | 13.24                 | H                  |
|  | 7752              | -44.89       | -25           | -19.89            | -54.34             | 3.56                 | 13.01                 | H                  |
|  | 10342             | -49.89       | -25           | -24.89            | -59.41             | 3.92                 | 13.44                 | H                  |
|  | 5176              | -63.98       | -25           | -38.98            | -74.19             | 3.03                 | 13.24                 | V                  |
|  | 7752              | -33.14       | -25           | -8.14             | -42.59             | 3.56                 | 13.01                 | V                  |
|  | 10342             | -53.55       | -25           | -28.55            | -63.07             | 3.92                 | 13.44                 | V                  |