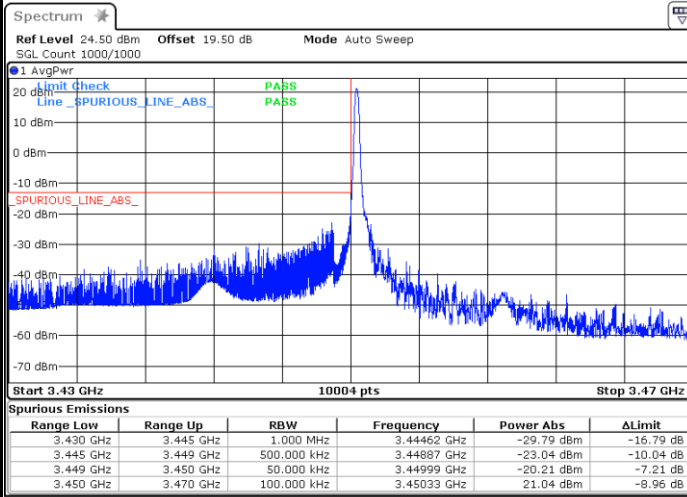




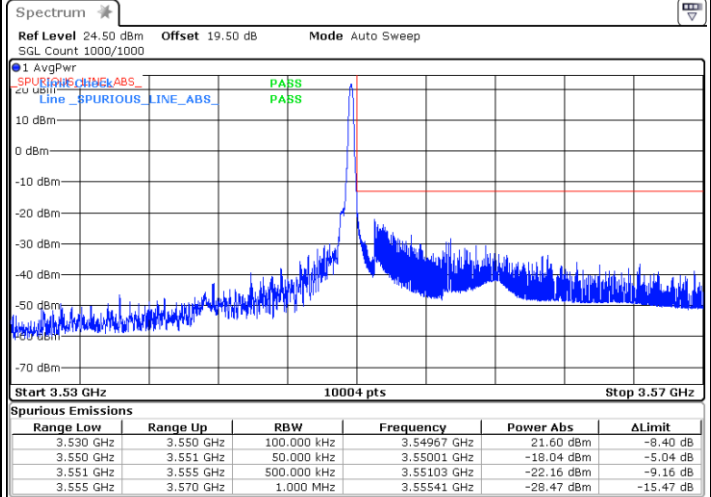
LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB



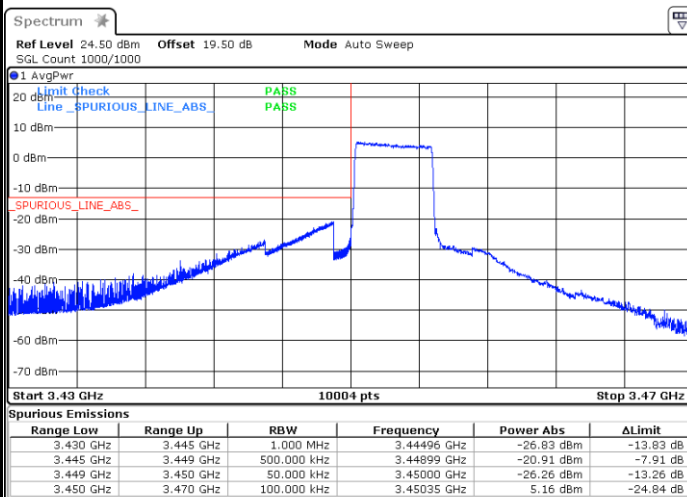
Date: 5.MAY.2022 18:53:28

Highest Band Edge / 1 RB



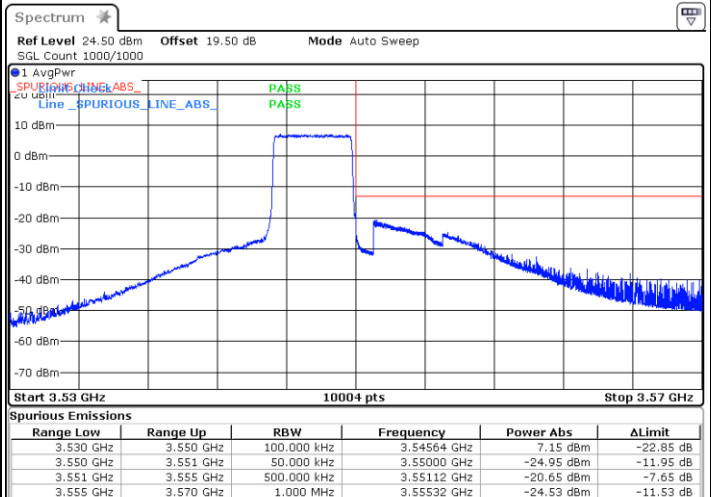
Date: 6.MAY.2022 11:56:34

Lowest Band Edge / Full RB



Date: 5.MAY.2022 18:51:10

Highest Band Edge / Full RB

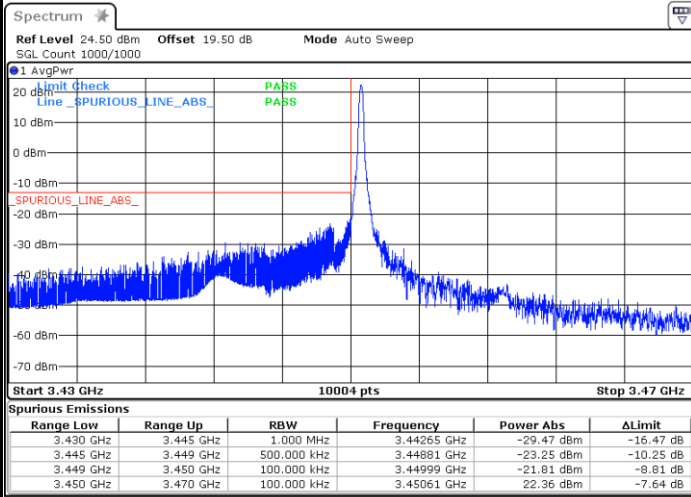


Date: 6.MAY.2022 11:54:09



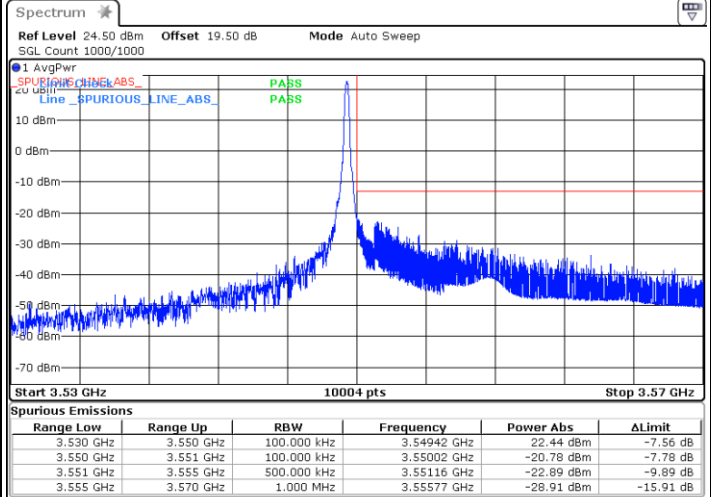
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



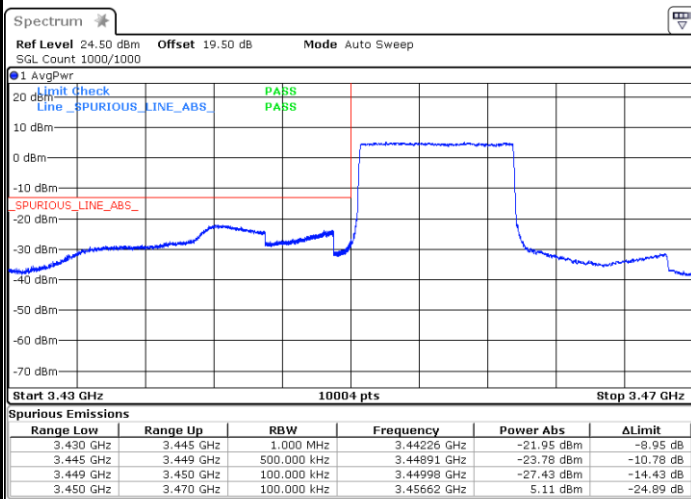
Date: 6.MAY.2022 12:16:10

Highest Band Edge / 1 RB



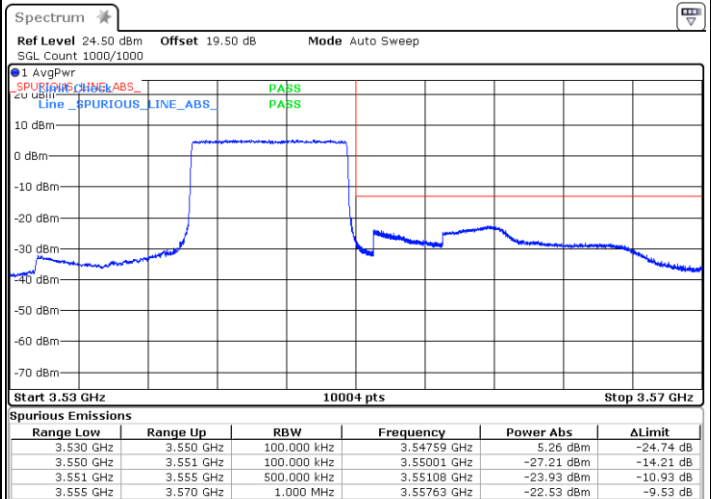
Date: 6.MAY.2022 12:17:33

Lowest Band Edge / Full RB



Date: 6.MAY.2022 12:05:30

Highest Band Edge / Full RB

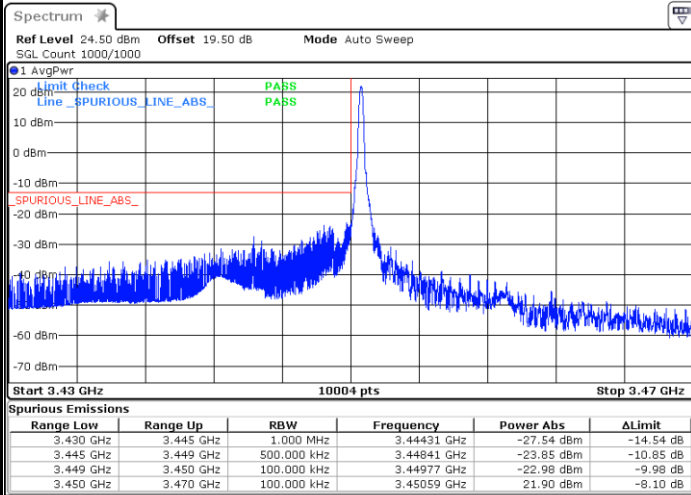


Date: 6.MAY.2022 12:36:15



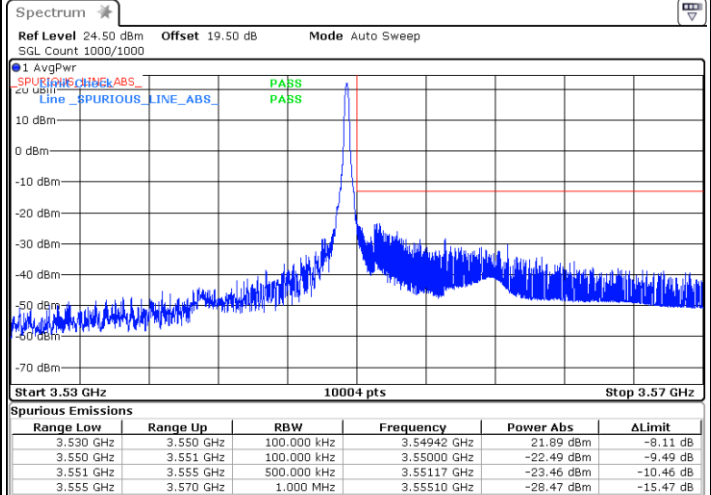
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



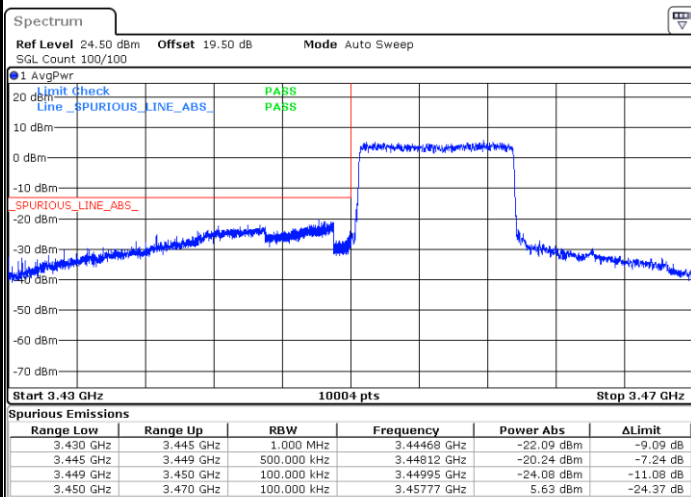
Date: 6.MAY.2022 12:14:57

Highest Band Edge / 1 RB



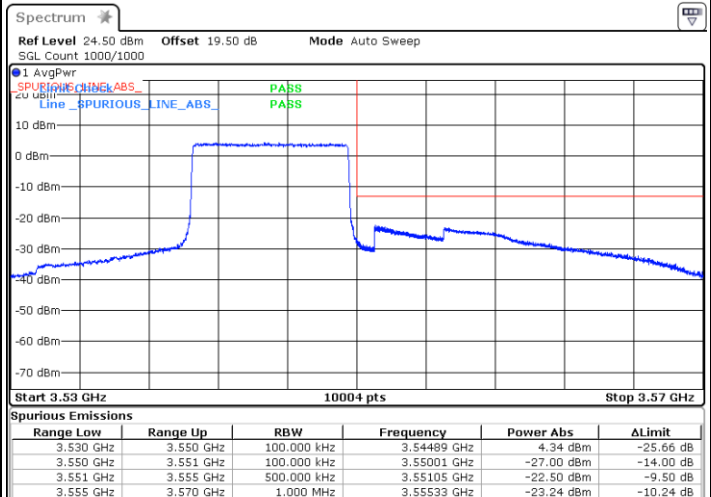
Date: 6.MAY.2022 12:25:13

Lowest Band Edge / Full RB



Date: 6.MAY.2022 12:07:43

Highest Band Edge / Full RB

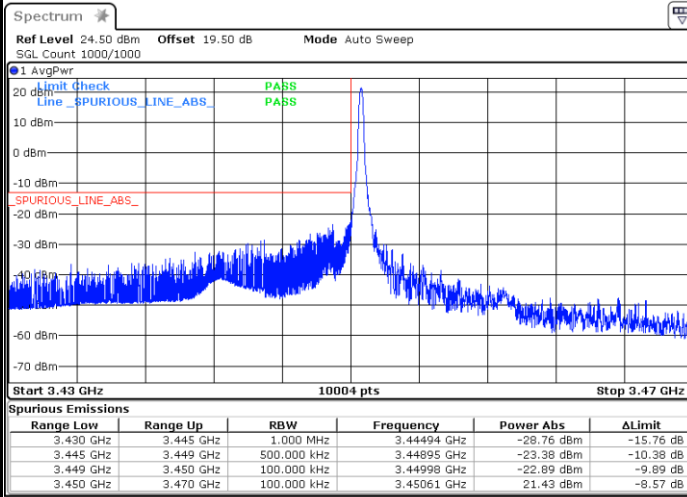


Date: 6.MAY.2022 12:34:55

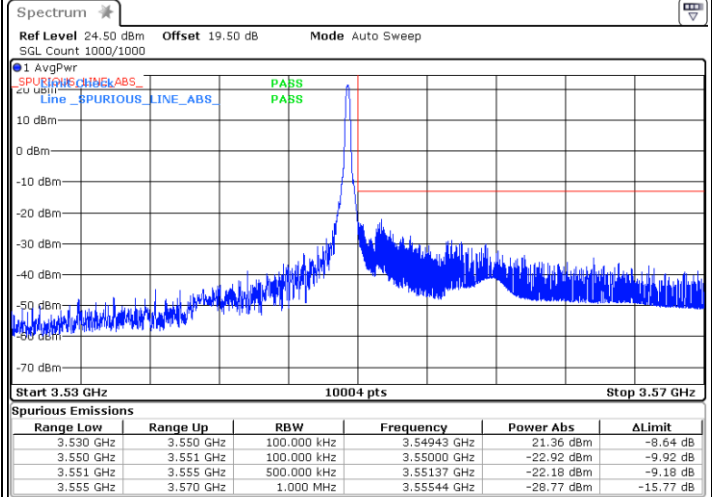


LTE Band 42 / 10MHz / 64QAM

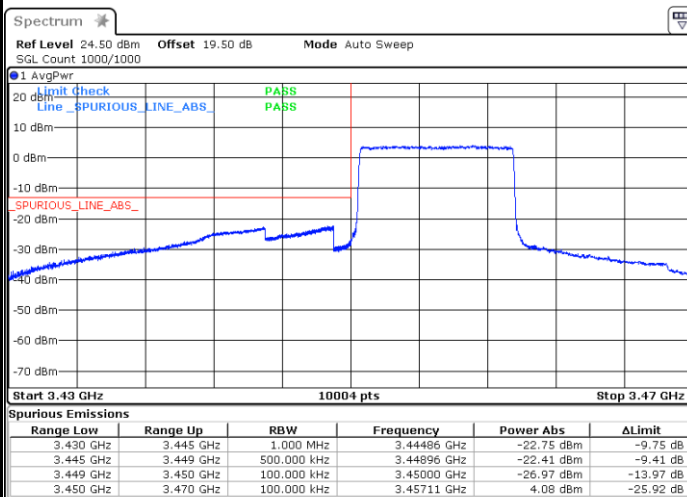
Lowest Band Edge / 1 RB



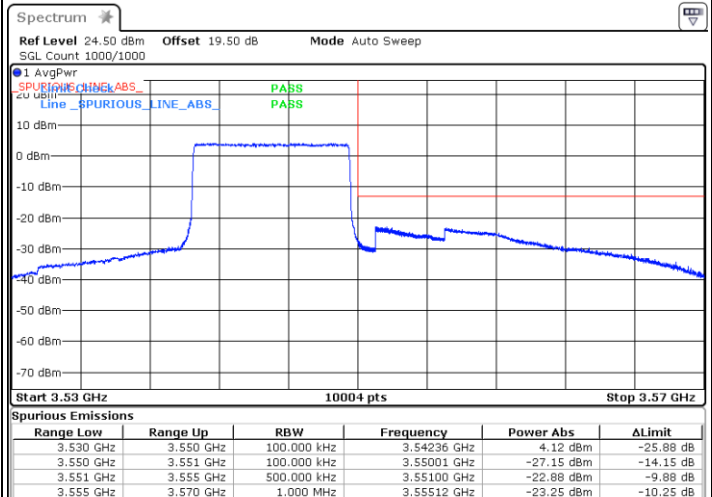
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



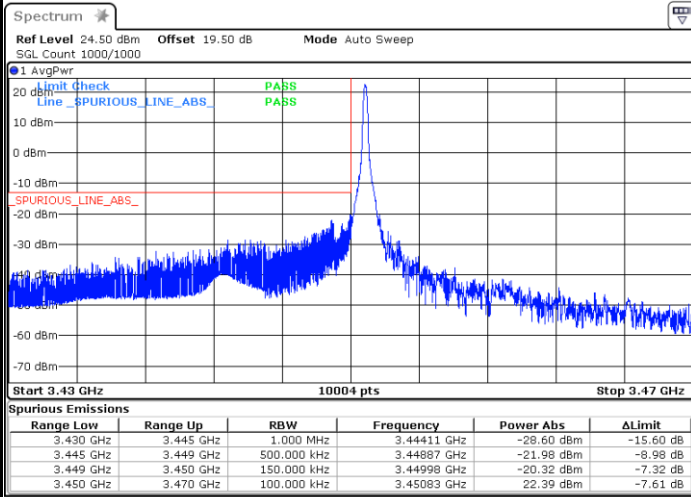
Highest Band Edge / Full RB





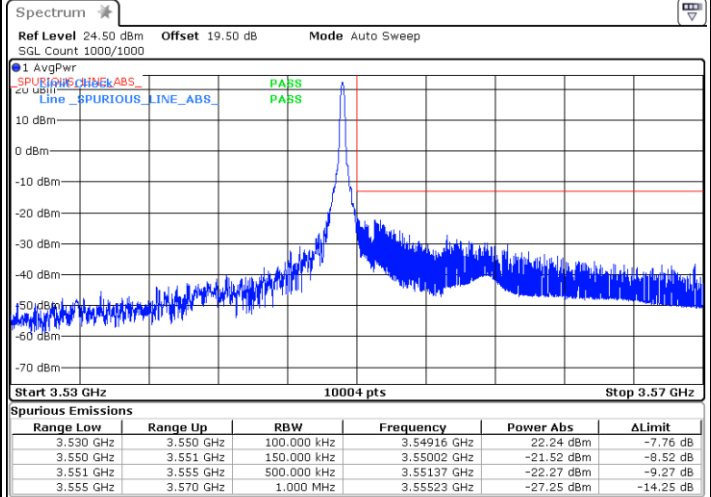
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



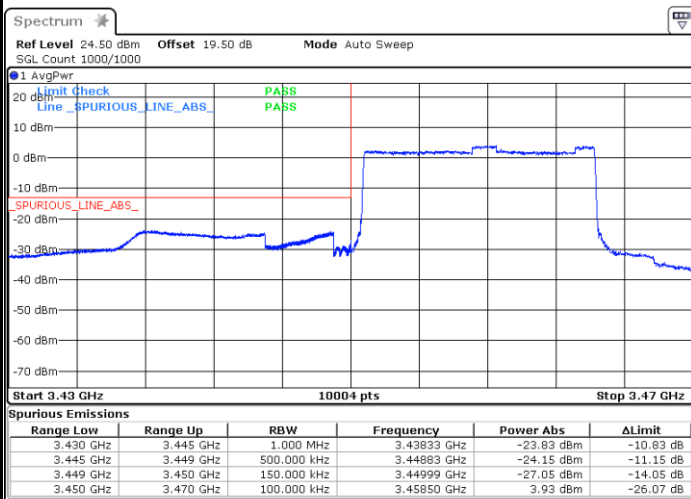
Date: 6.MAY.2022 12:50:46

Highest Band Edge / 1 RB



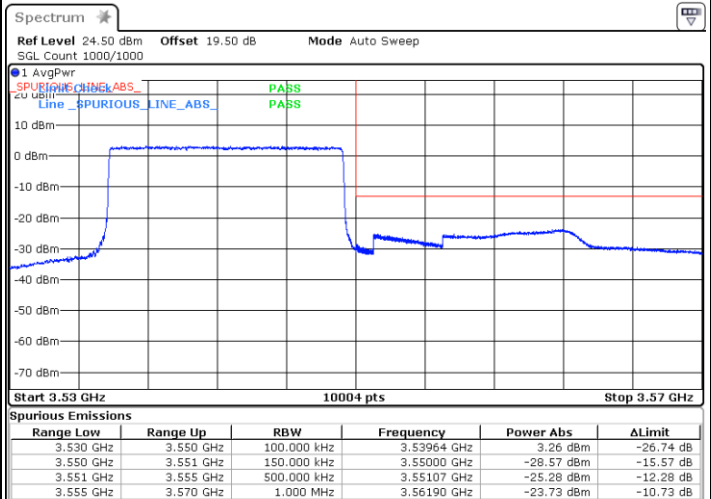
Date: 6.MAY.2022 12:53:27

Lowest Band Edge / Full RB



Date: 6.MAY.2022 12:37:58

Highest Band Edge / Full RB

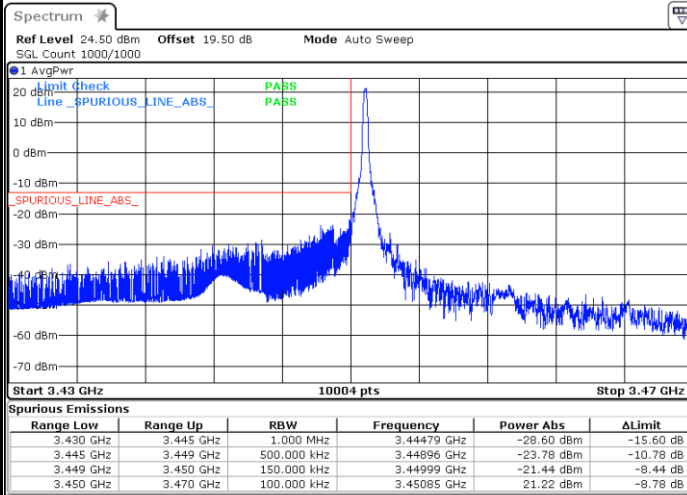


Date: 6.MAY.2022 12:59:26



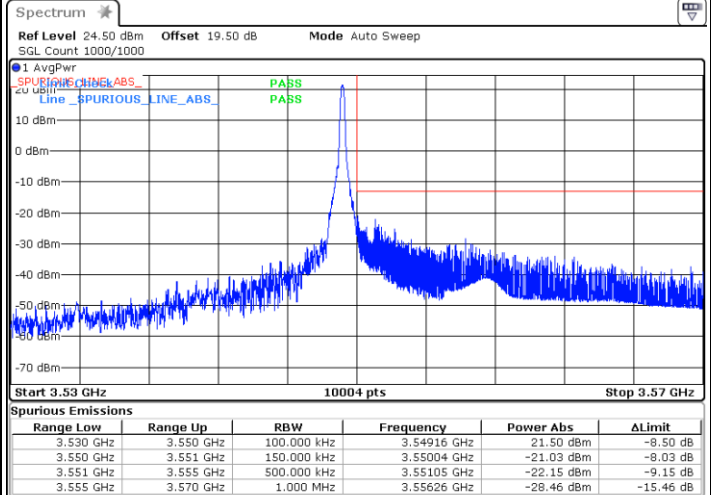
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



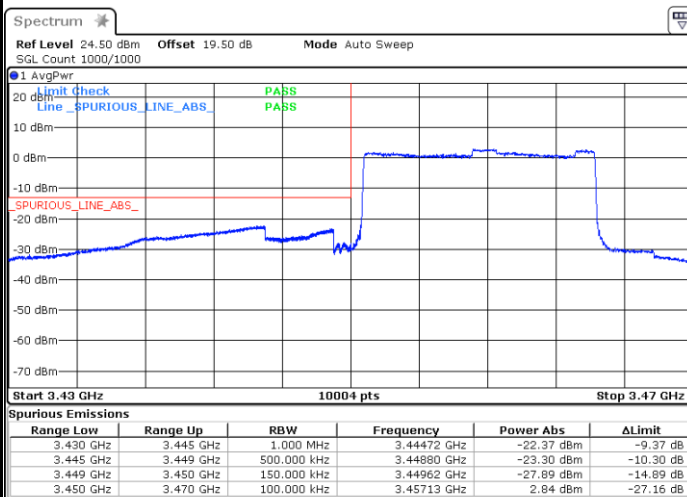
Date: 6.MAY.2022 12:49:26

Highest Band Edge / 1 RB



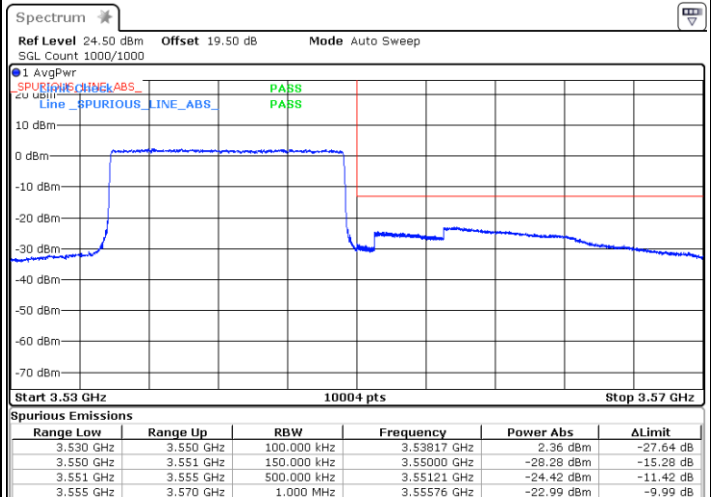
Date: 6.MAY.2022 12:55:03

Lowest Band Edge / Full RB



Date: 6.MAY.2022 12:39:45

Highest Band Edge / Full RB

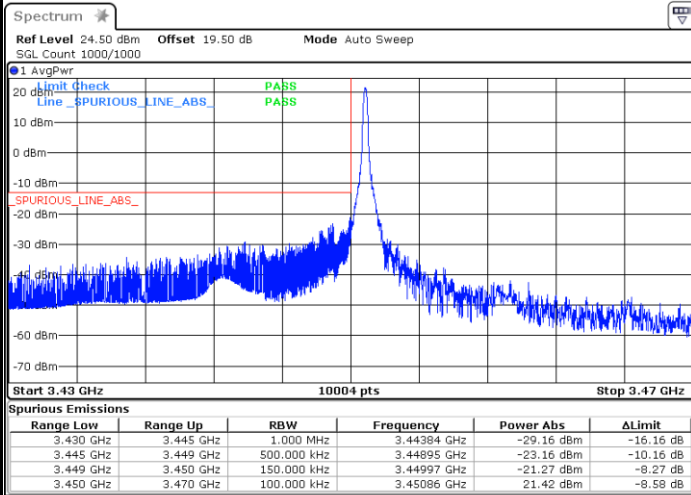


Date: 6.MAY.2022 12:58:27



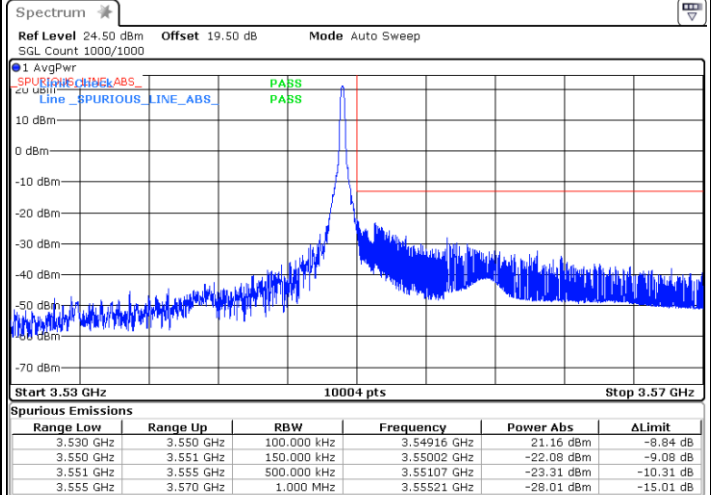
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



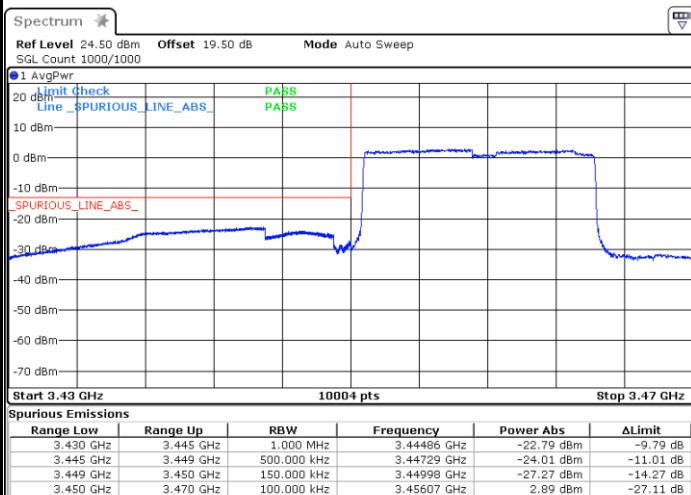
Date: 6.MAY.2022 12:43:19

Highest Band Edge / 1 RB



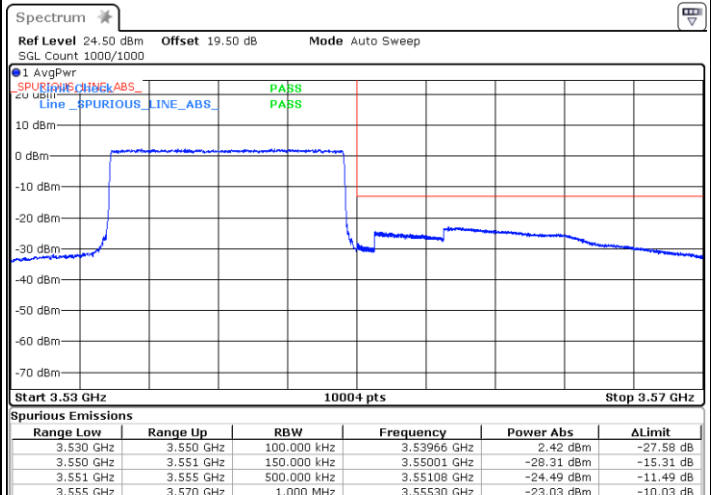
Date: 6.MAY.2022 12:56:23

Lowest Band Edge / Full RB



Date: 6.MAY.2022 12:42:05

Highest Band Edge / Full RB

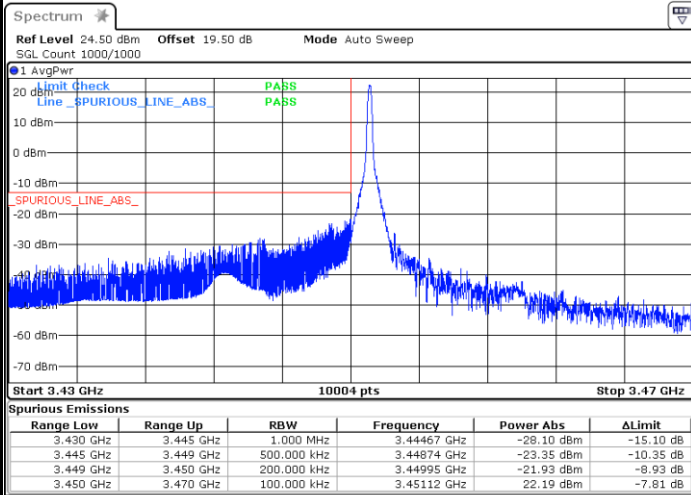


Date: 6.MAY.2022 12:57:32

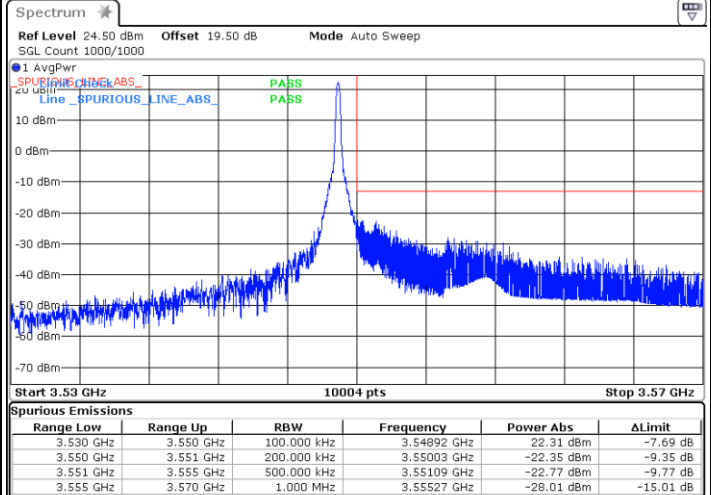


LTE Band 42 / 20MHz / QPSK

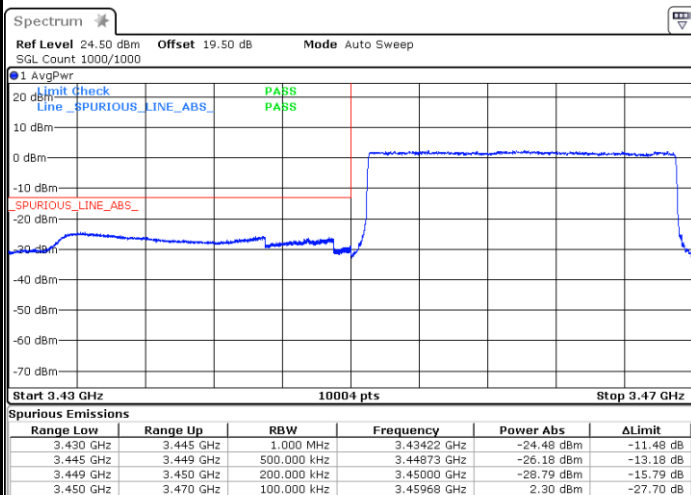
Lowest Band Edge / 1 RB



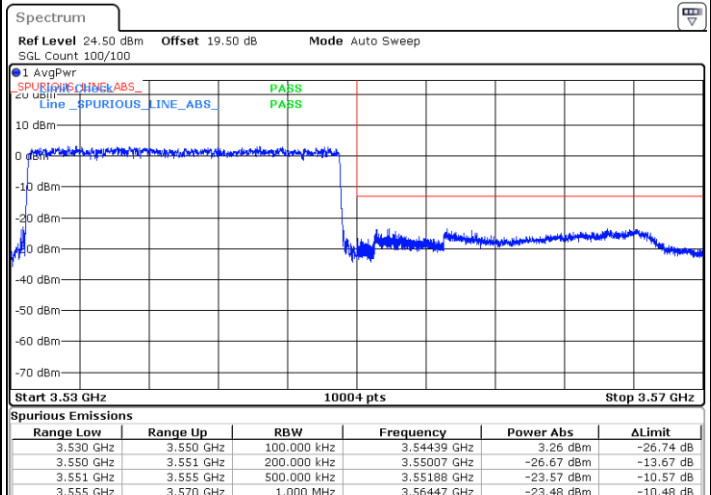
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



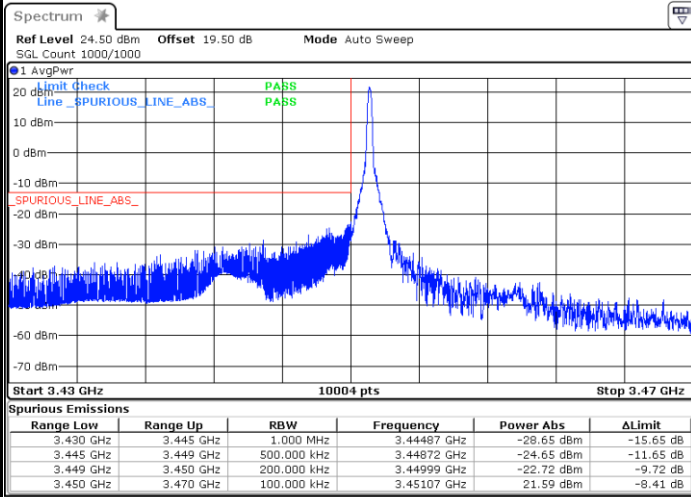
Highest Band Edge / Full RB





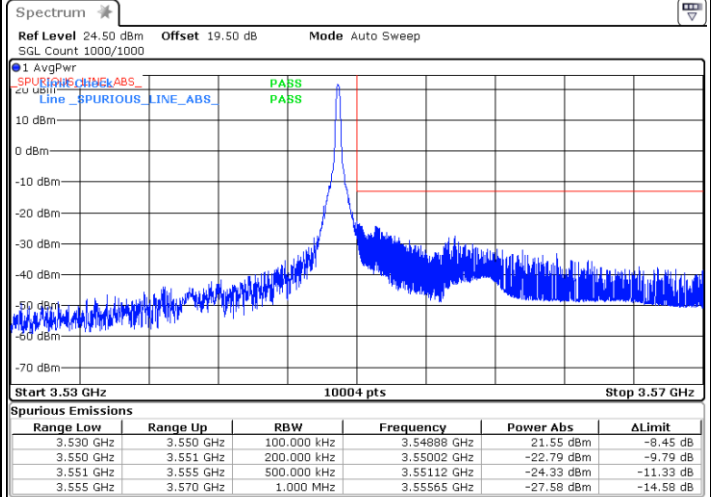
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



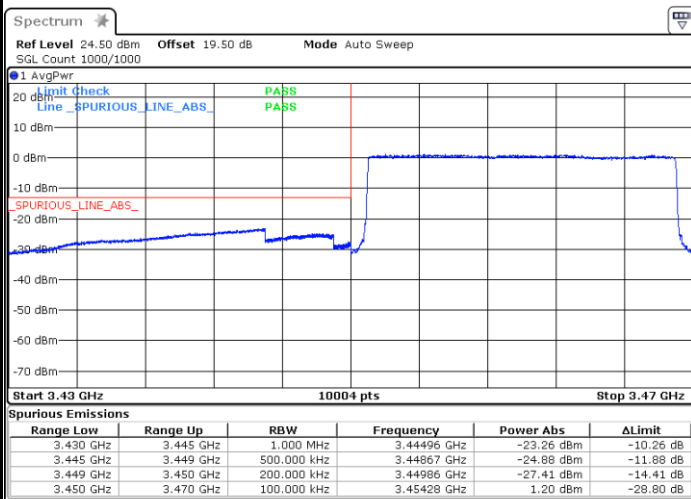
Date: 6.MAY.2022 15:11:16

Highest Band Edge / 1RB



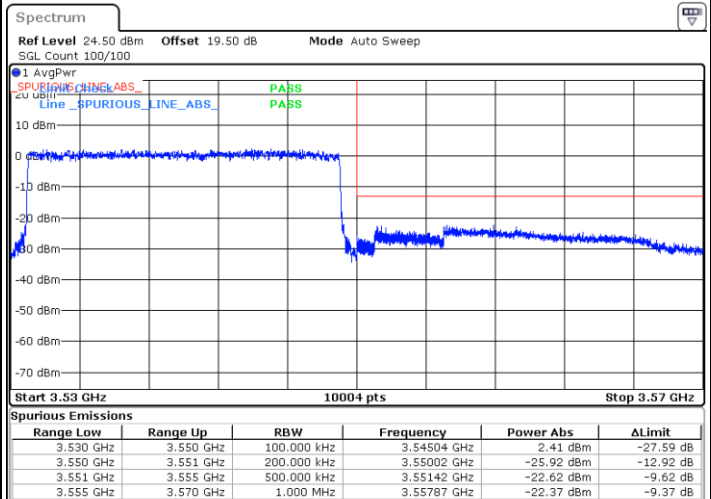
Date: 6.MAY.2022 16:17:12

Lowest Band Edge / Full RB



Date: 6.MAY.2022 15:07:16

Highest Band Edge / Full RB

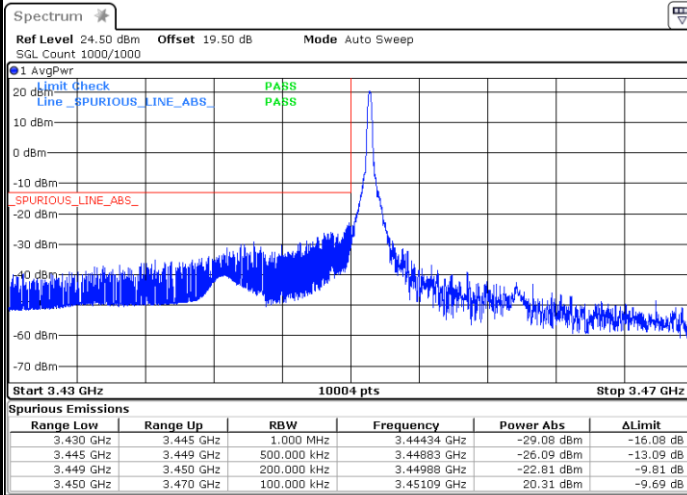


Date: 6.MAY.2022 16:23:16



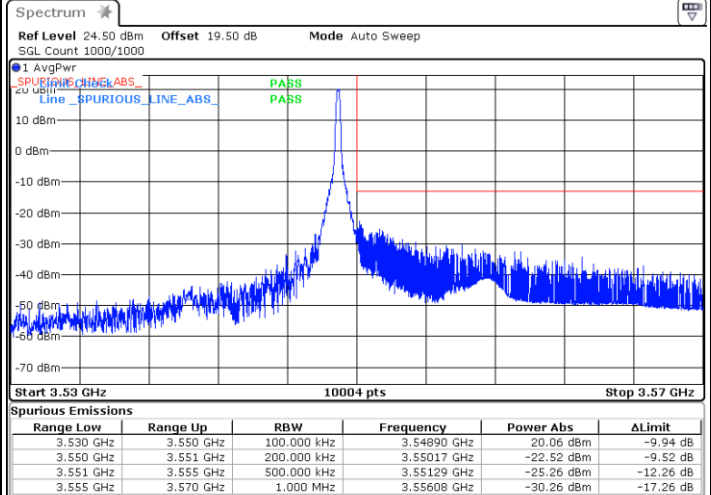
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



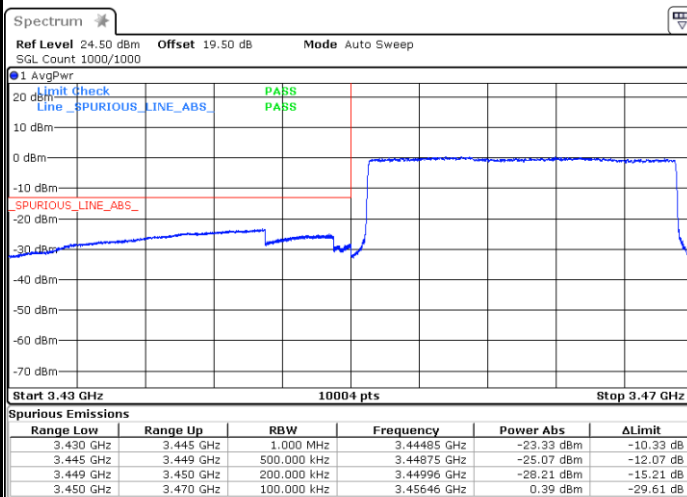
Date: 6.MAY.2022 15:10:16

Highest Band Edge / 1 RB



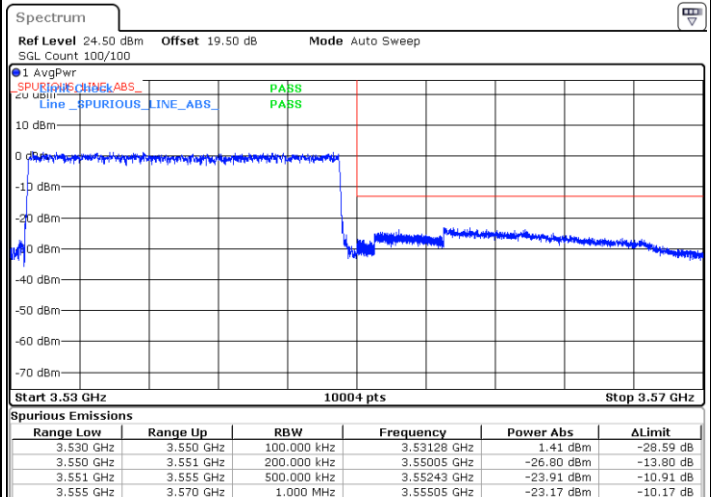
Date: 6.MAY.2022 16:20:09

Lowest Band Edge / Full RB



Date: 6.MAY.2022 15:08:33

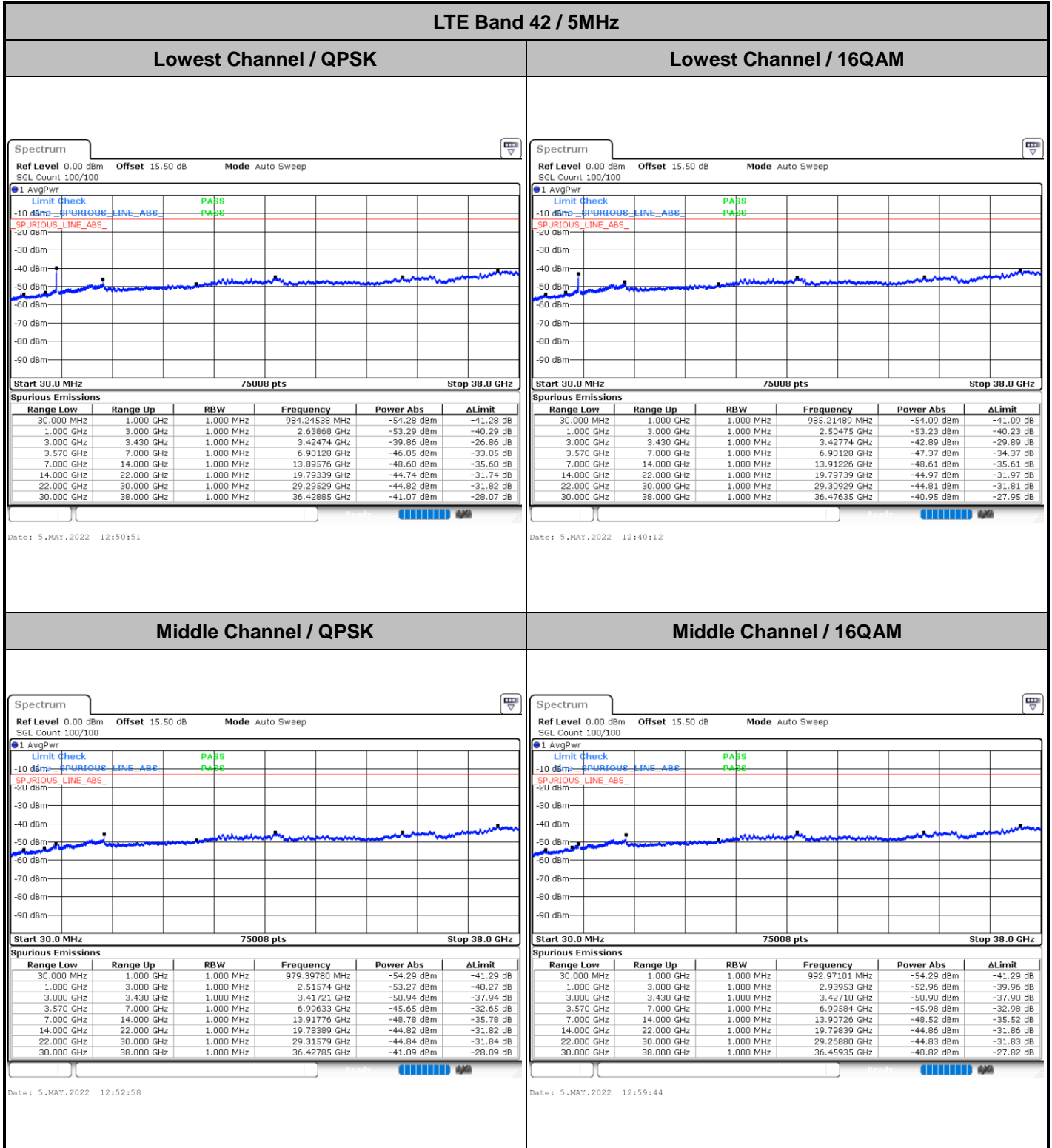
Highest Band Edge / Full RB



Date: 6.MAY.2022 16:21:50



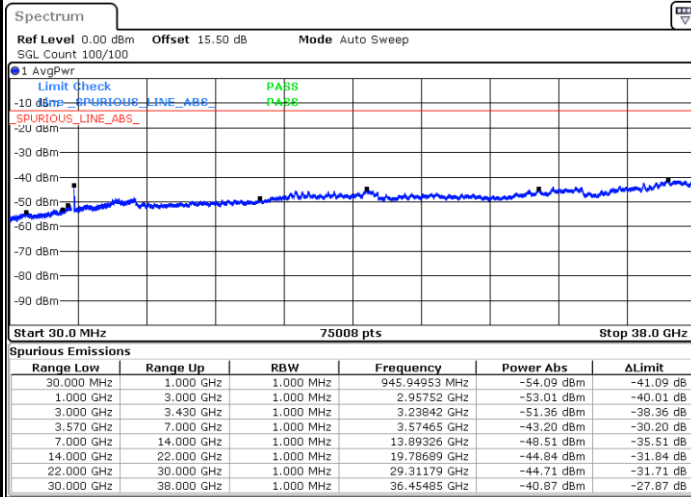
Conducted Spurious Emission





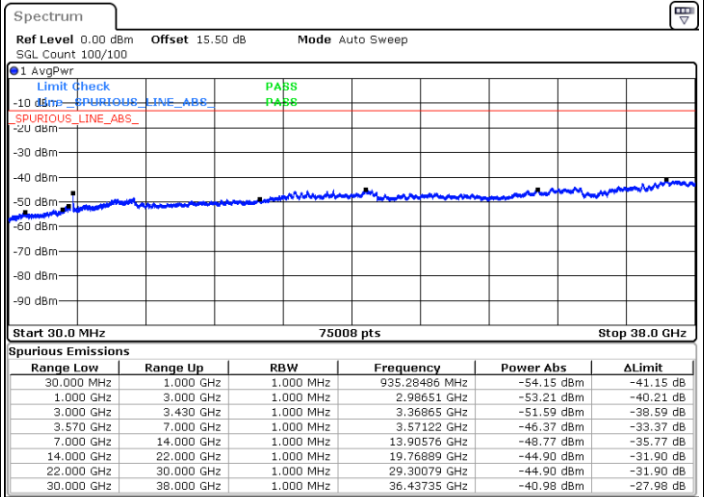
LTE Band 42 / 5MHz

Highest Channel / QPSK



Date: 5.MAY.2022 15:23:23

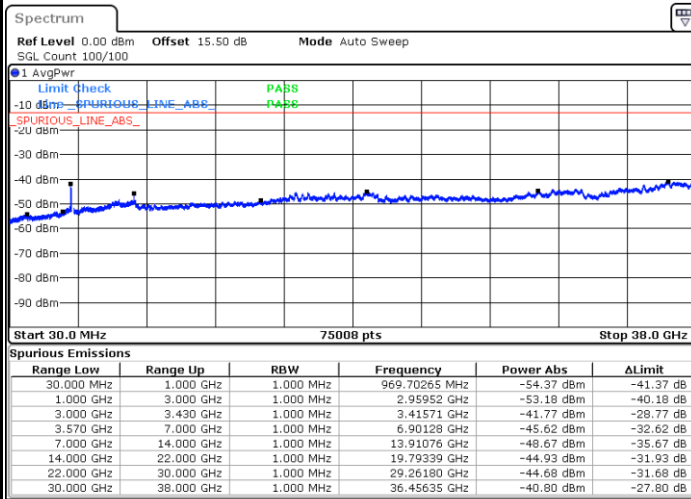
Highest Channel / 16QAM



Date: 5.MAY.2022 15:22:09

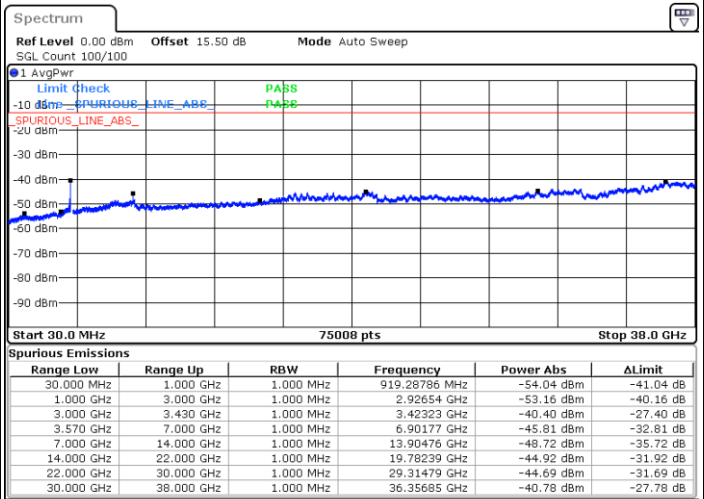
LTE Band 42 / 10MHz

Lowest Channel / QPSK



Date: 5.MAY.2022 17:18:57

Lowest Channel / 16QAM



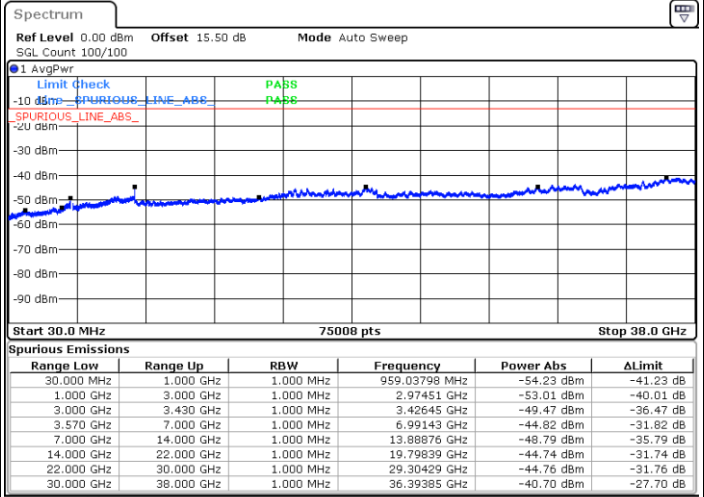
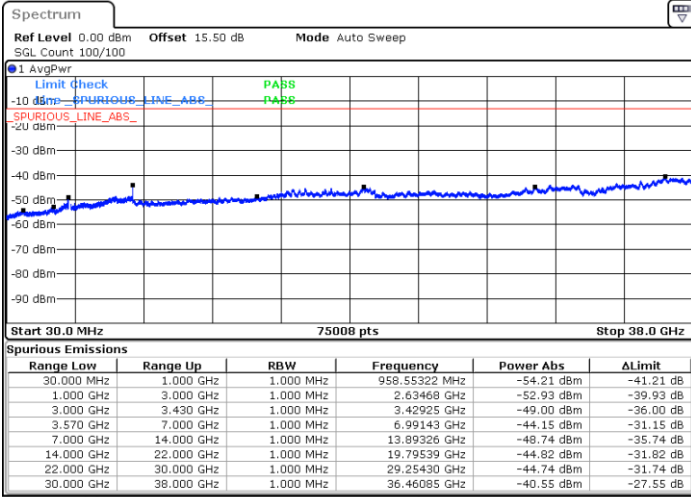
Date: 5.MAY.2022 17:21:06



LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

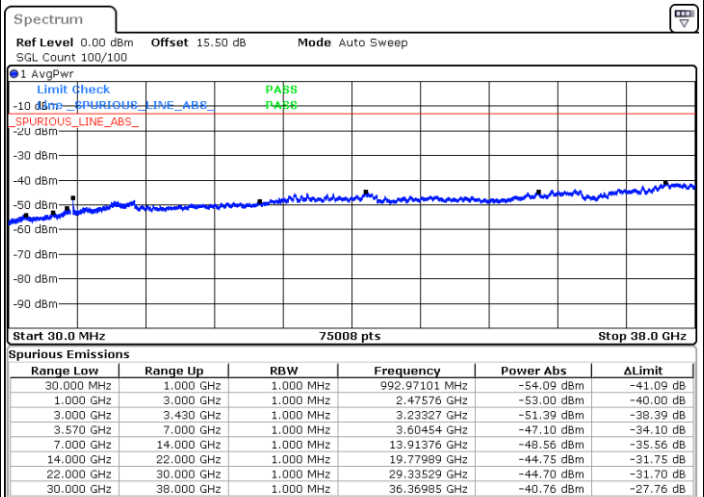
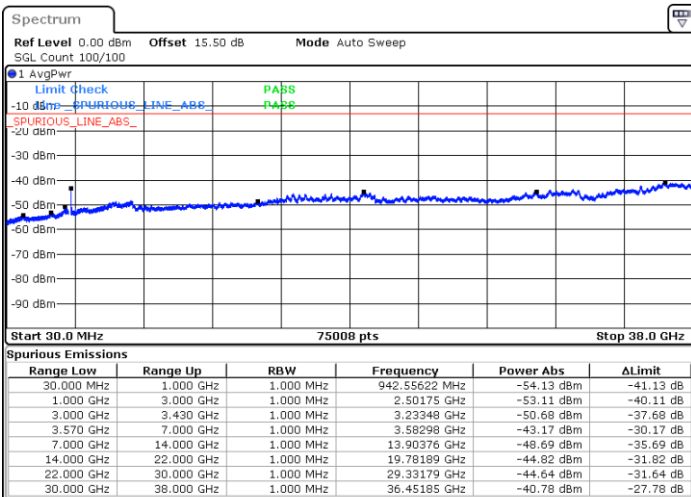


Date: 5.MAY.2022 17:27:19

Date: 5.MAY.2022 17:25:35

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.MAY.2022 17:34:07

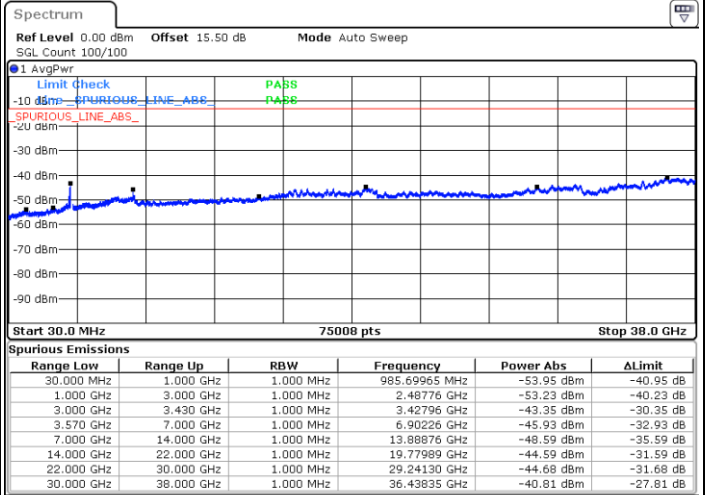
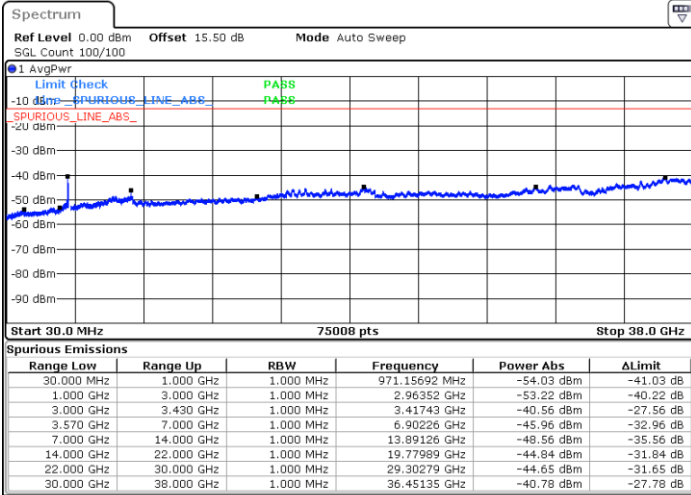
Date: 5.MAY.2022 17:35:21



LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

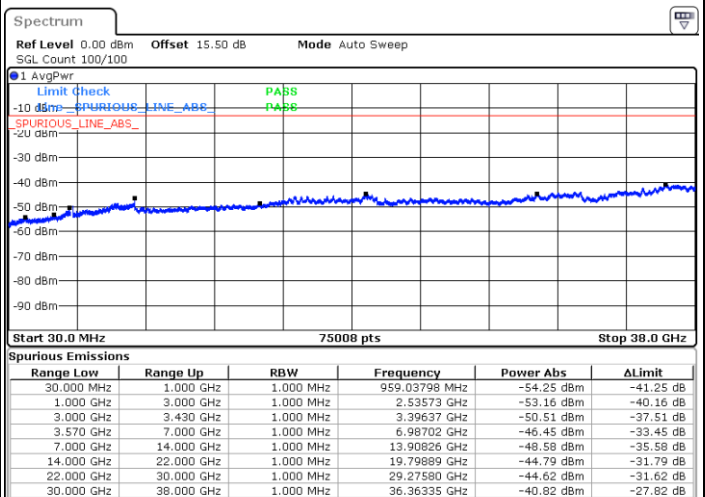
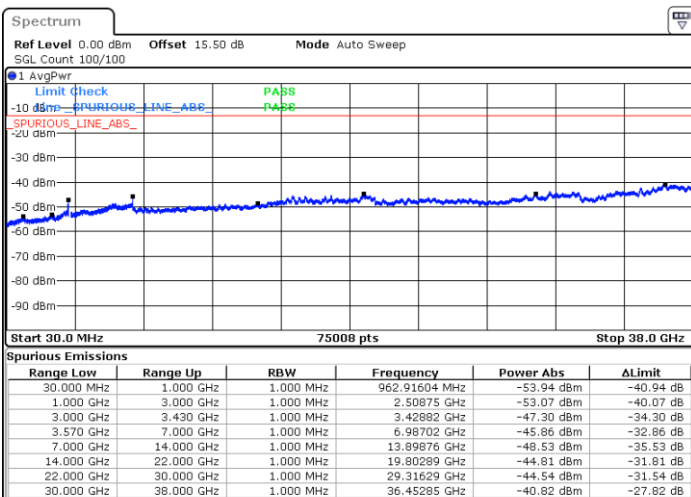


Date: 5.MAY.2022 17:52:43

Date: 5.MAY.2022 17:49:16

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 5.MAY.2022 17:54:00

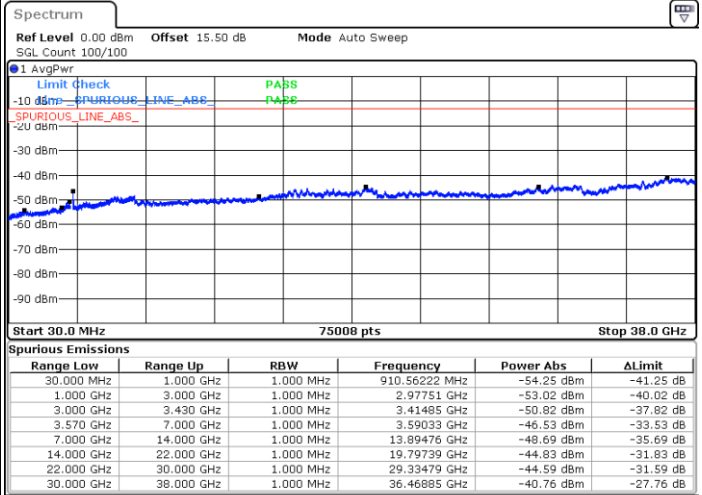
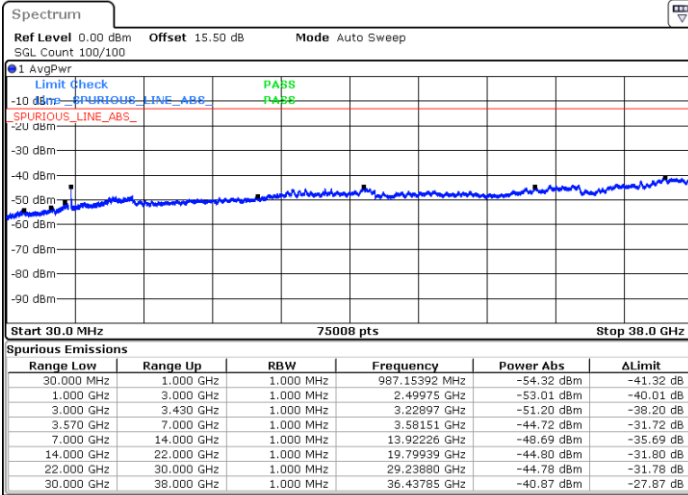
Date: 5.MAY.2022 17:55:10



LTE Band42 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



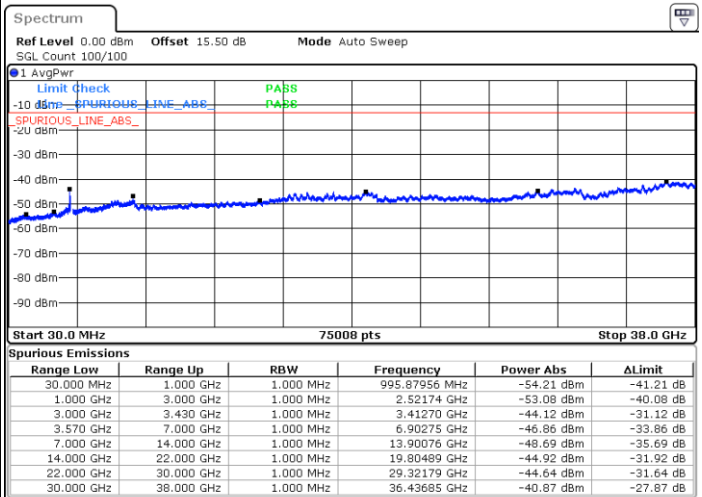
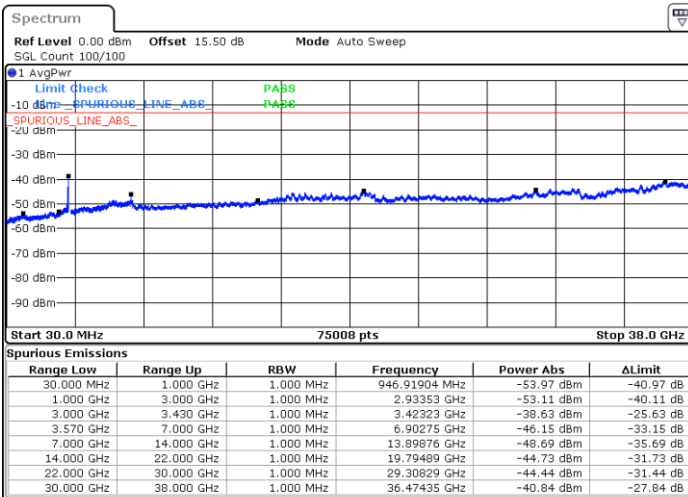
Date: 5.MAY.2022 18:04:36

Date: 5.MAY.2022 18:03:13

LTE Band 42 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 5.MAY.2022 18:12:25

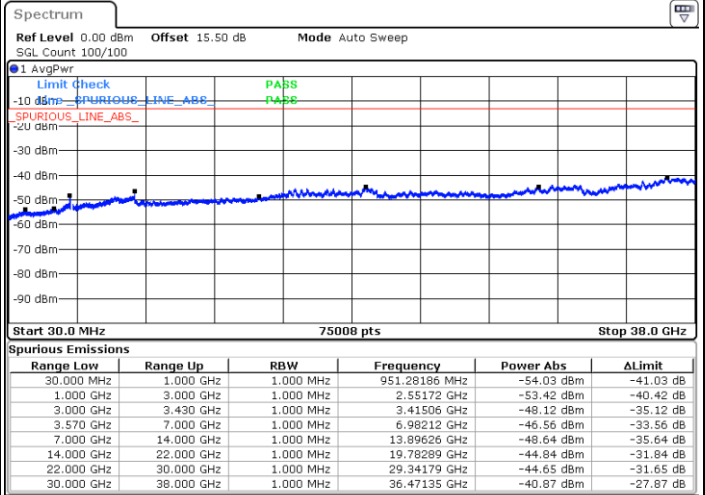
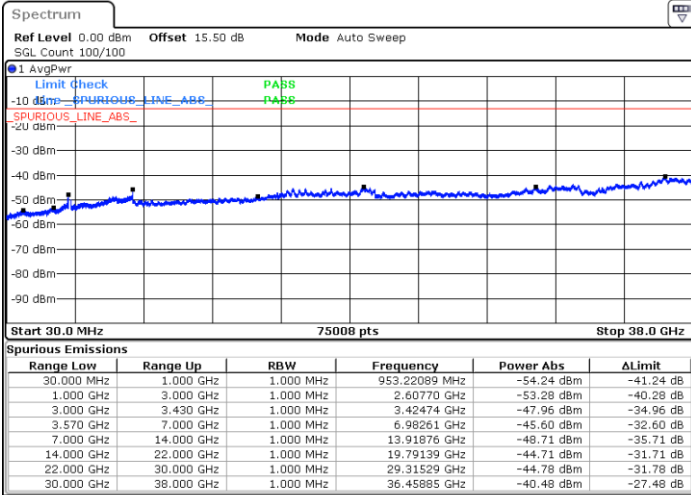
Date: 5.MAY.2022 18:13:52



LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

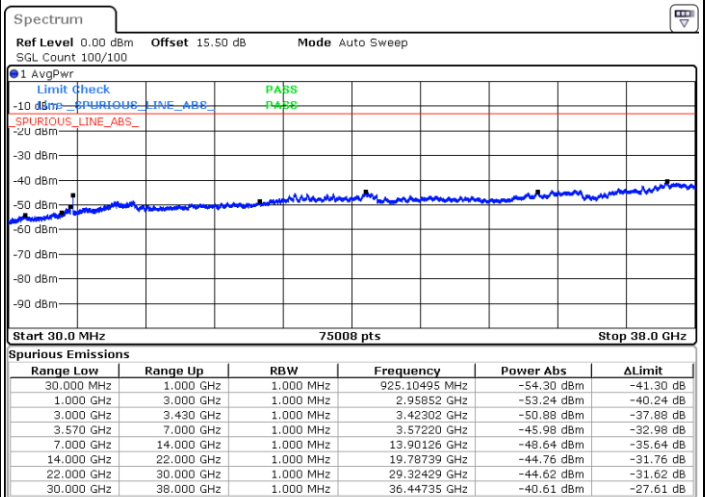
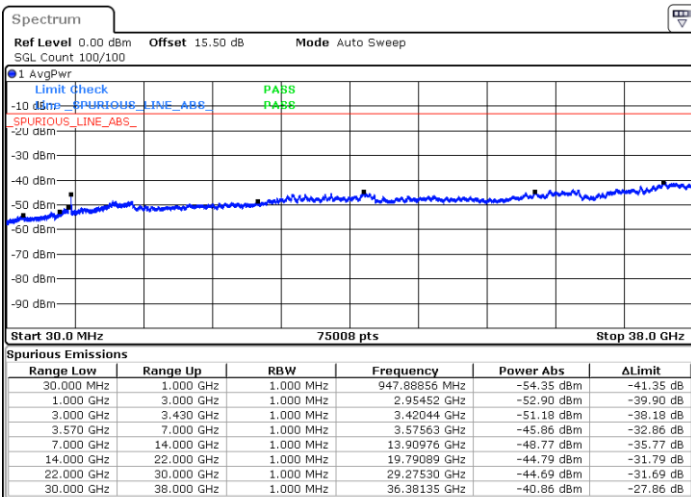


Date: 5.MAY.2022 18:19:34

Date: 5.MAY.2022 18:17:50

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.MAY.2022 18:25:54

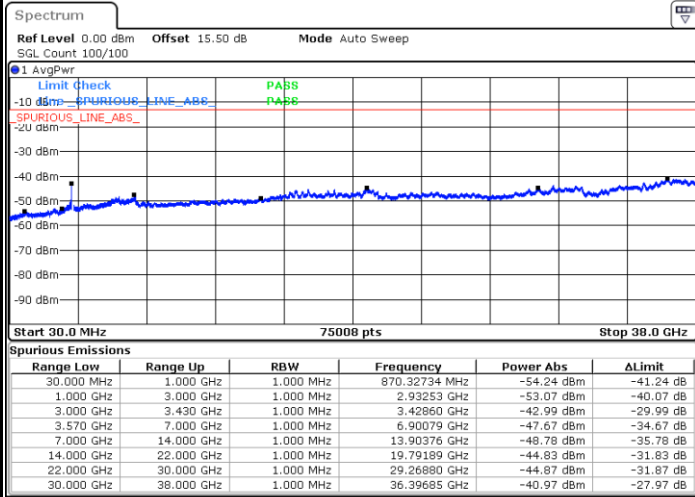
Date: 5.MAY.2022 18:27:03



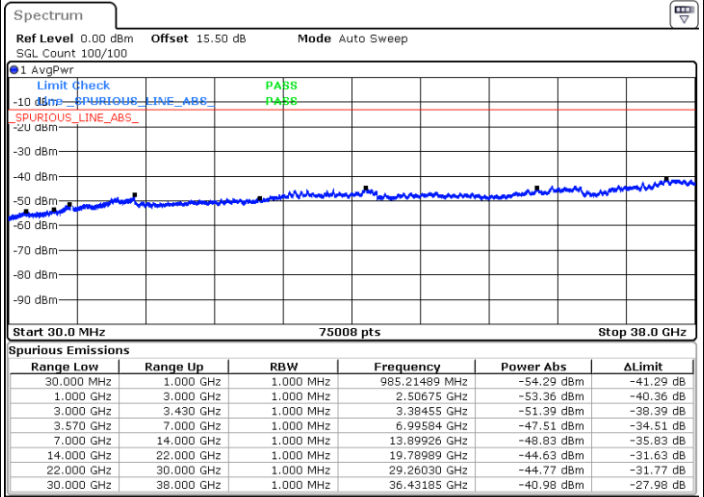
LTE Band 42 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

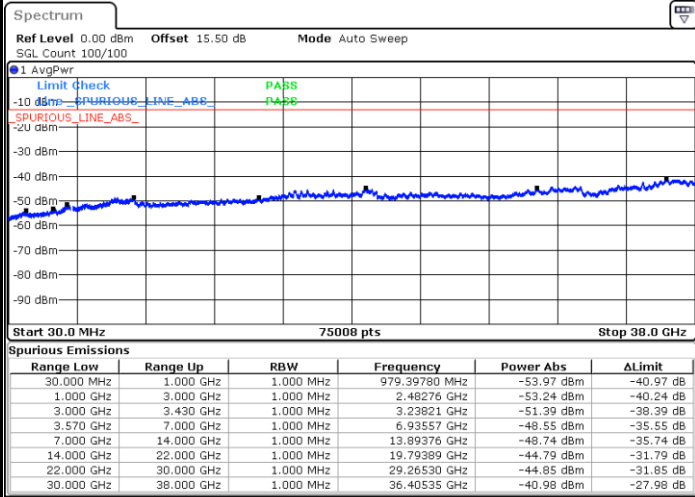


Date: 5.MAY.2022 12:35:34



Date: 5.MAY.2022 14:54:31

Highest Channel / 64QAM



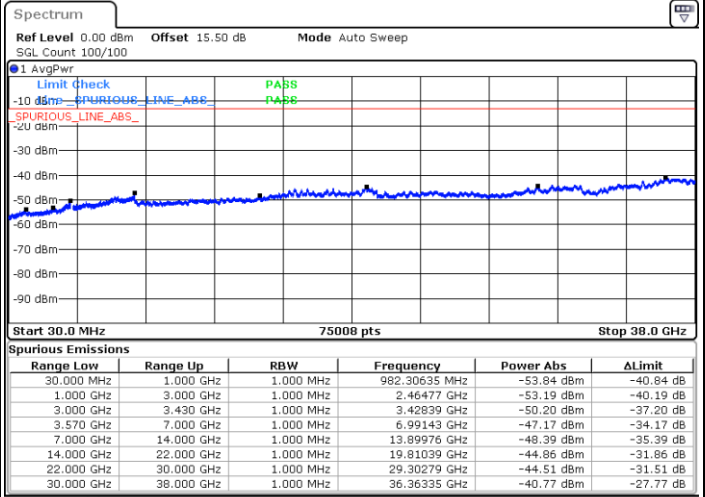
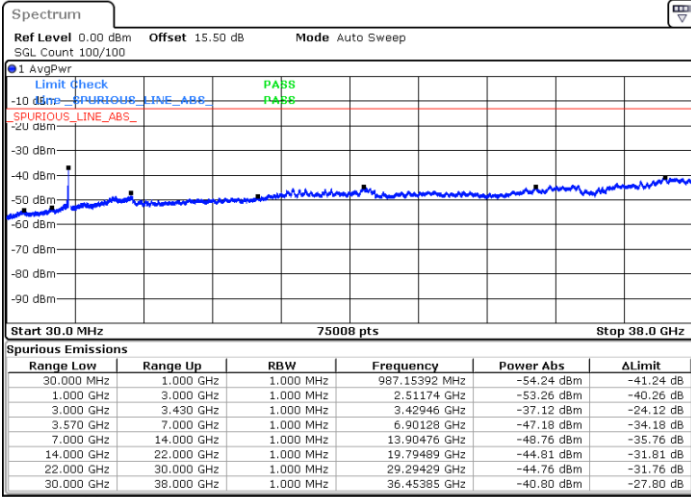
Date: 5.MAY.2022 15:20:59



LTE Band 42 / 10MHz

Lowest Channel / 64QAM

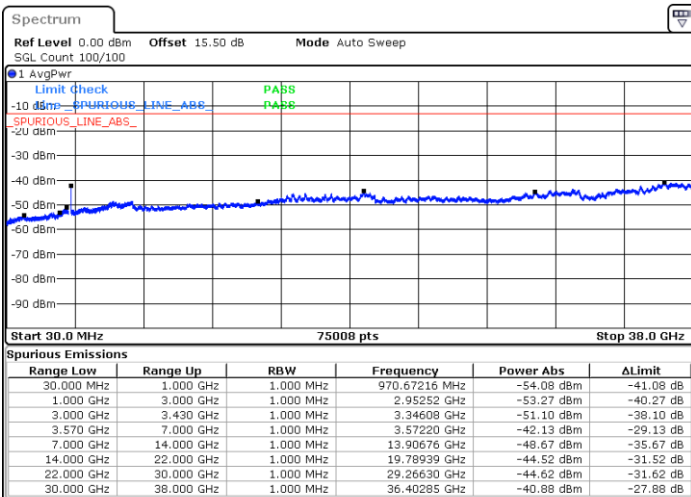
Middle Channel / 64QAM



Date: 5.MAY.2022 17:23:00

Date: 5.MAY.2022 17:24:22

Highest Channel / 64QAM



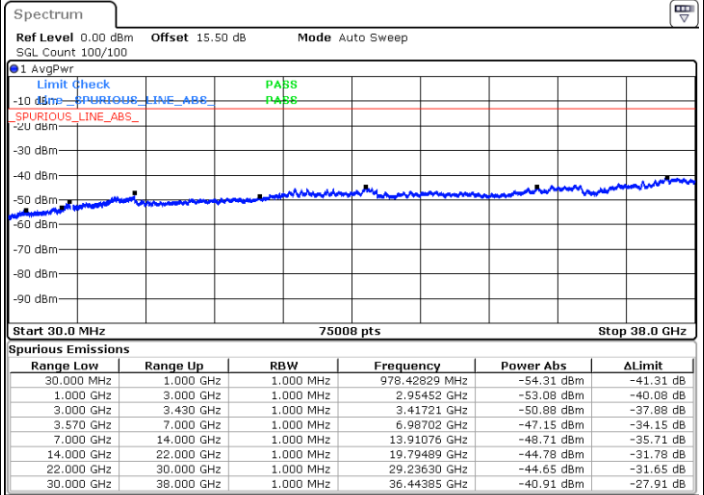
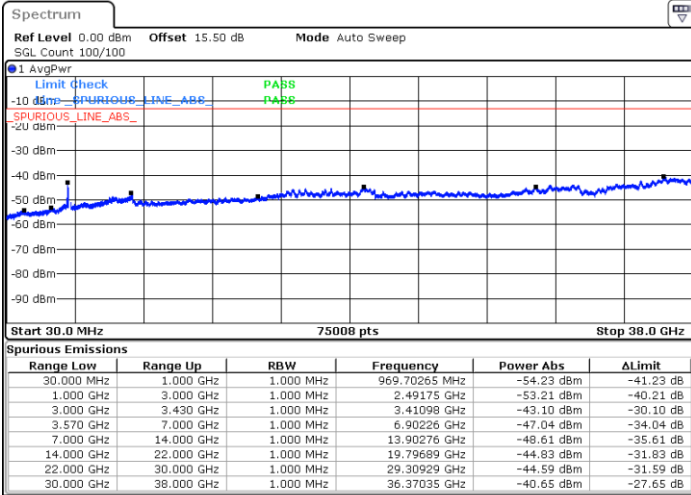
Date: 5.MAY.2022 17:36:33



LTE Band 42 / 15MHz

Lowest Channel / 64QAM

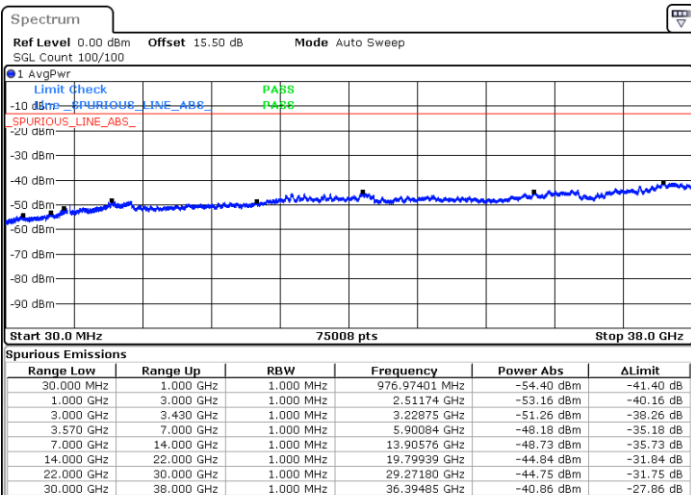
Middle Channel / 64QAM



Date: 5.MAY.2022 17:44:47

Date: 5.MAY.2022 17:56:25

Highest Channel / 64QAM



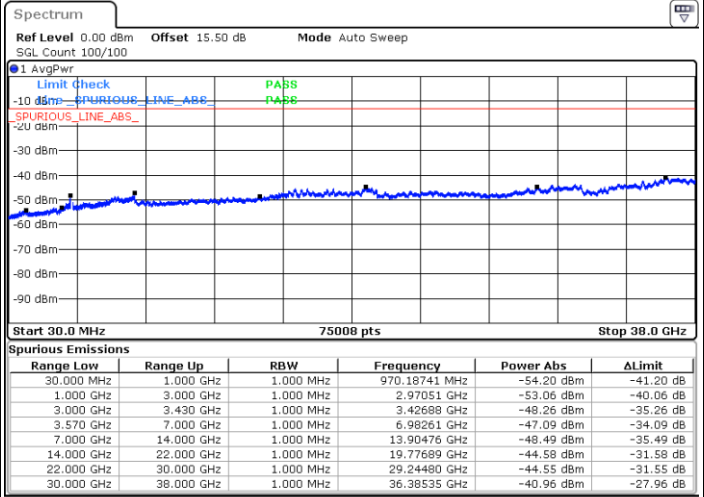
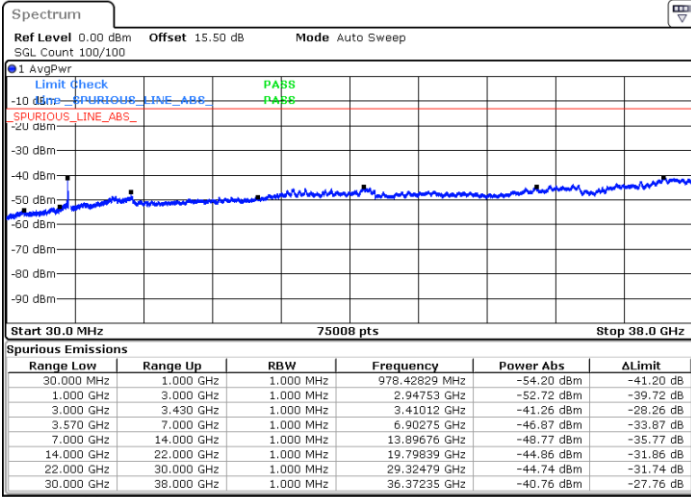
Date: 5.MAY.2022 18:01:57



LTE Band 42 / 20MHz

Lowest Channel / 64QAM

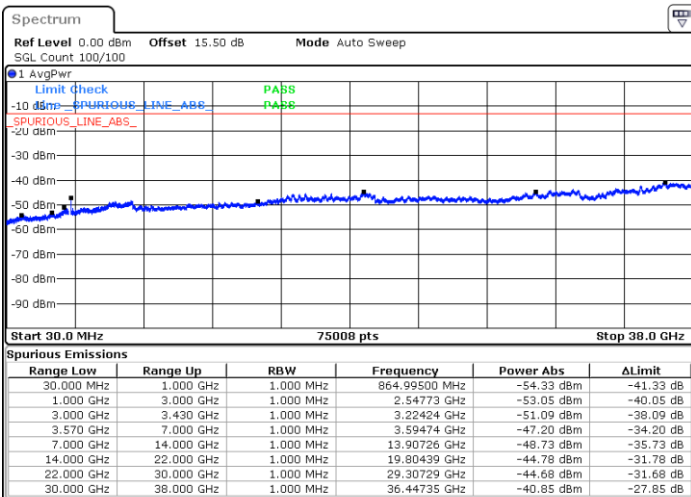
Middle Channel / 64QAM



Date: 5.MAY.2022 18:15:19

Date: 5.MAY.2022 18:16:32

Highest Channel / 64QAM



Date: 5.MAY.2022 18:28:53

Frequency Stability

| Test Conditions | | LTE Band 42 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0023 | |
| 30 | Normal Voltage | 0.0013 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0009 | |
| 0 | Normal Voltage | 0.0018 | |
| -10 | Normal Voltage | 0.0025 | |
| 20 | Maximum Voltage | 0.0027 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0019 | |

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.35 V.
2. Note: 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 : | 40~42% |

| LTE Band 42 / 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) |
| Lowest | 6900 | -62.30 | -13 | -49.30 | -72.51 | 3.03 | 13.24 | H |
| | 10356 | -61.31 | -13 | -48.31 | -70.76 | 3.56 | 13.01 | H |
| | 13800 | -48.55 | -13 | -35.55 | -58.07 | 3.92 | 13.44 | H |
| | 6900 | -58.16 | -13 | -45.16 | -68.37 | 3.03 | 13.24 | V |
| | 10356 | -60.67 | -13 | -47.67 | -70.12 | 3.56 | 13.01 | V |
| | 13800 | -41.95 | -13 | -28.95 | -51.47 | 3.92 | 13.44 | V |
| Middle | 6984 | -63.09 | -13 | -50.09 | -73.30 | 3.03 | 13.24 | H |
| | 10476 | -62.17 | -13 | -49.17 | -71.62 | 3.56 | 13.01 | H |
| | 13962 | -43.33 | -13 | -30.33 | -52.85 | 3.92 | 13.44 | H |
| | 6984 | -58.12 | -13 | -45.12 | -68.33 | 3.03 | 13.24 | V |
| | 10476 | -62.58 | -13 | -49.58 | -72.03 | 3.56 | 13.01 | V |
| | 13962 | -38.29 | -13 | -25.29 | -47.81 | 3.92 | 13.44 | V |
| Highest | 7056 | -60.34 | -13 | -47.34 | -70.55 | 3.03 | 13.24 | H |
| | 10596 | -60.87 | -13 | -47.87 | -70.32 | 3.56 | 13.01 | H |
| | 14124 | -43.71 | -13 | -30.71 | -53.23 | 3.92 | 13.44 | H |
| | 7056 | -58.94 | -13 | -45.94 | -69.15 | 3.03 | 13.24 | V |
| | 10596 | -59.15 | -13 | -46.15 | -68.60 | 3.56 | 13.01 | V |
| | 14124 | -39.36 | -13 | -26.36 | -48.88 | 3.92 | 13.44 | V |

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