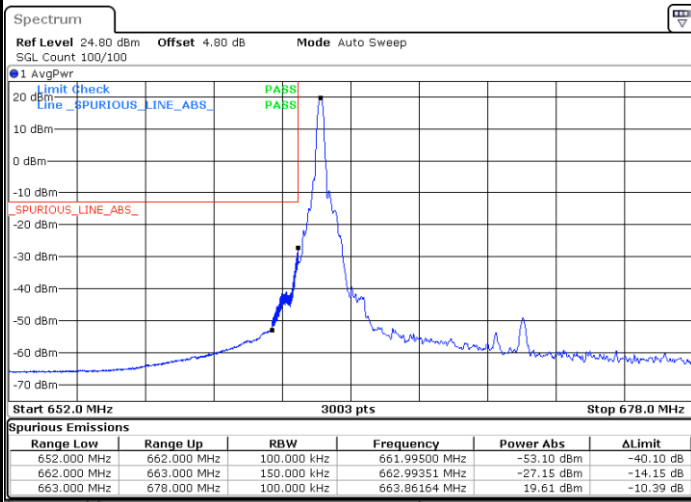




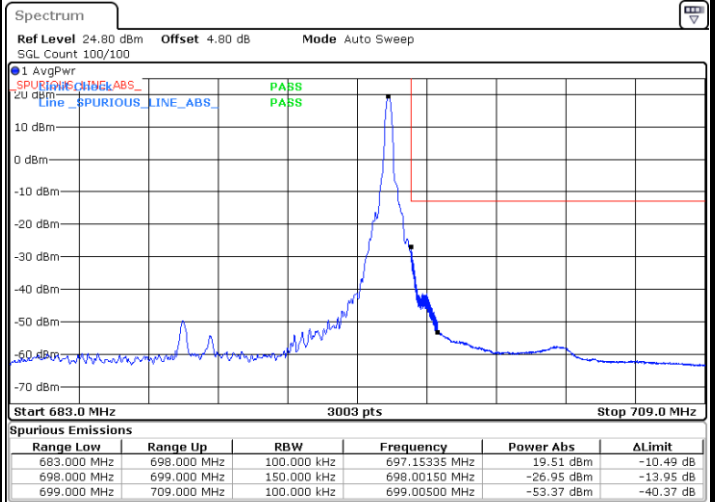
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



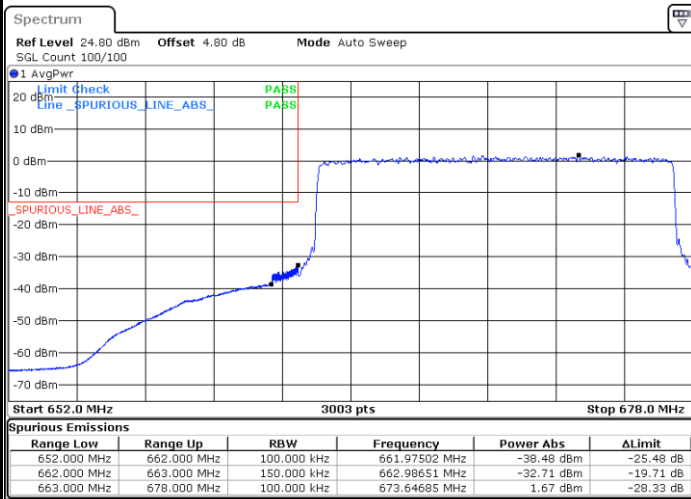
Date: 10. DEC. 2022 12:02:22

Highest Band Edge / 1 RB



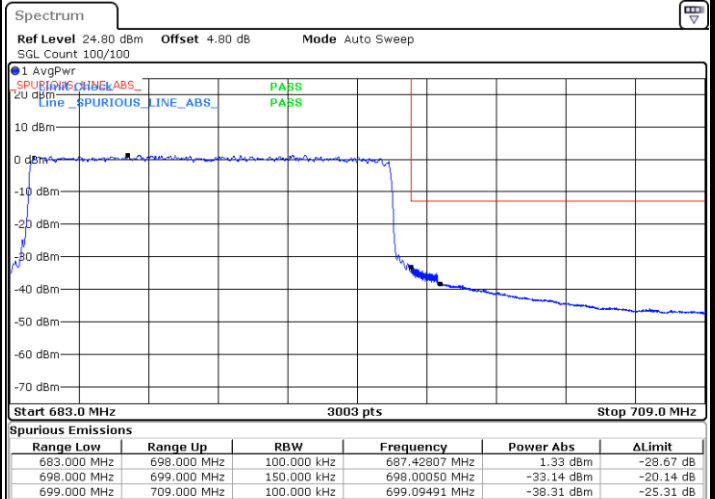
Date: 10. DEC. 2022 12:13:42

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 11:58:12

Highest Band Edge / Full RB

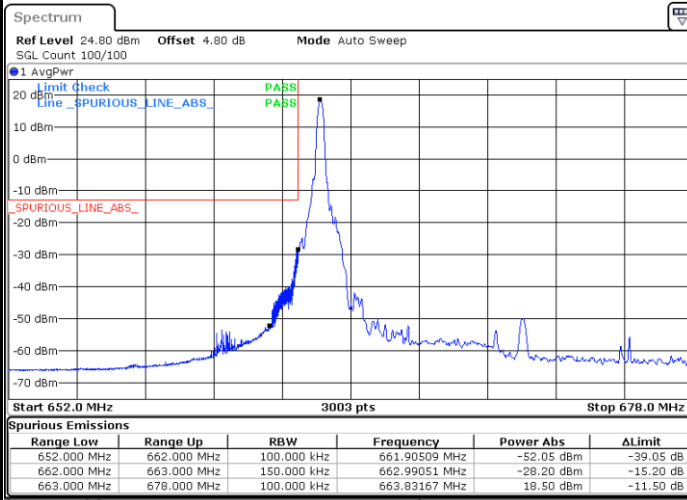


Date: 10. DEC. 2022 12:17:52



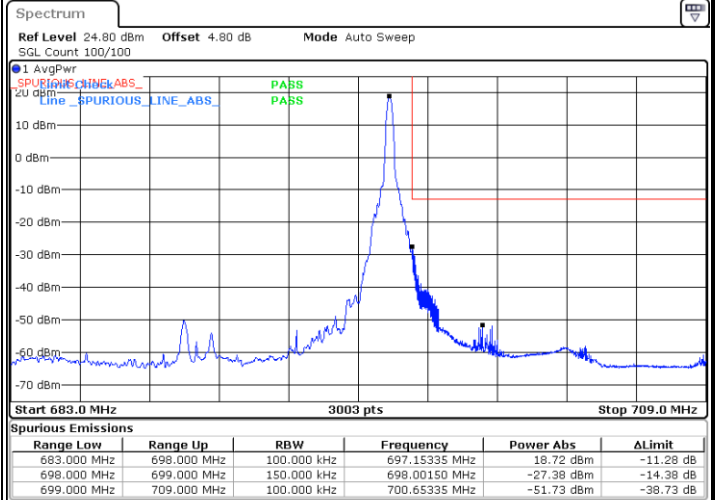
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



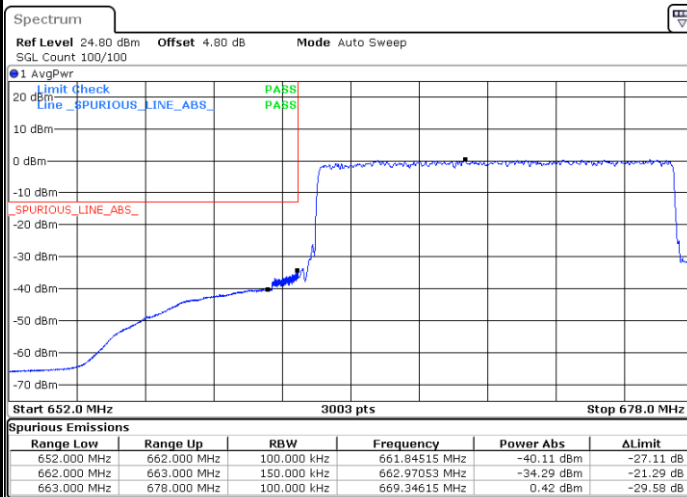
Date: 10. DEC. 2022 12:01:32

Highest Band Edge / 1 RB



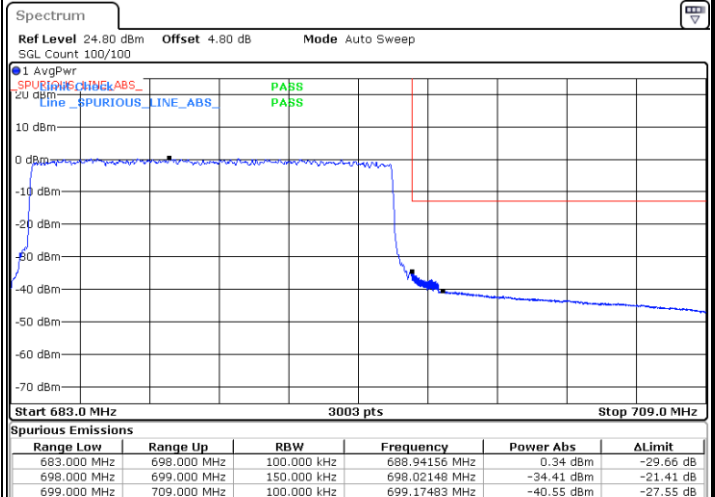
Date: 10. DEC. 2022 12:14:32

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 11:59:02

Highest Band Edge / Full RB

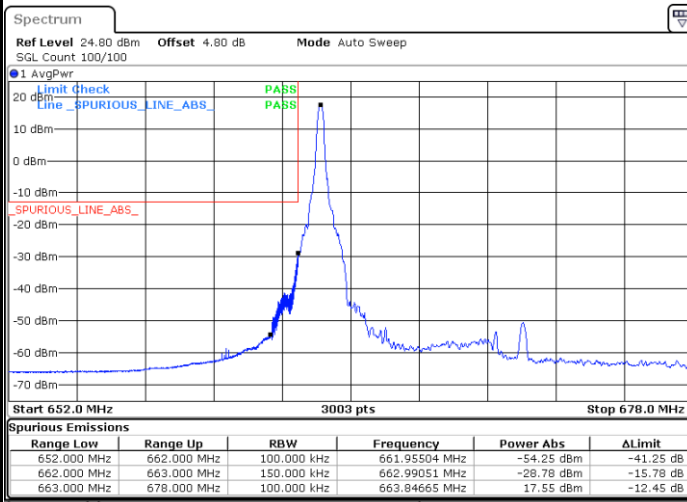


Date: 10. DEC. 2022 12:17:02



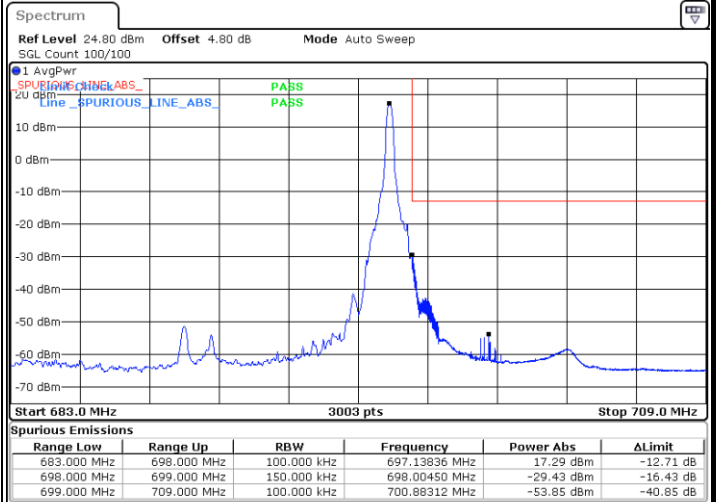
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



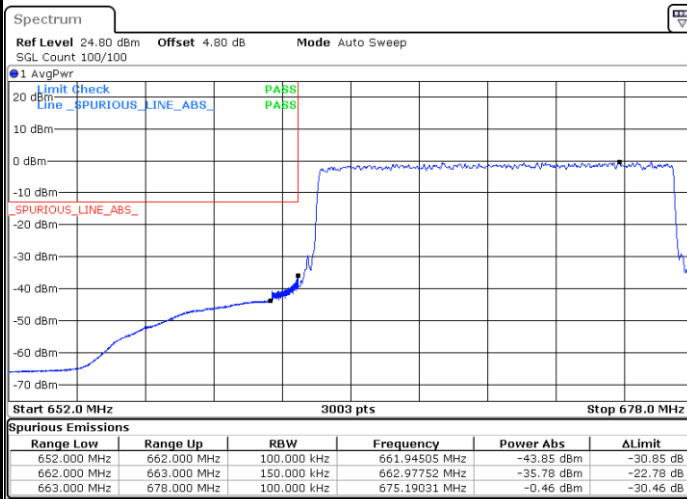
Date: 10. DEC. 2022 12:00:42

Highest Band Edge / 1 RB



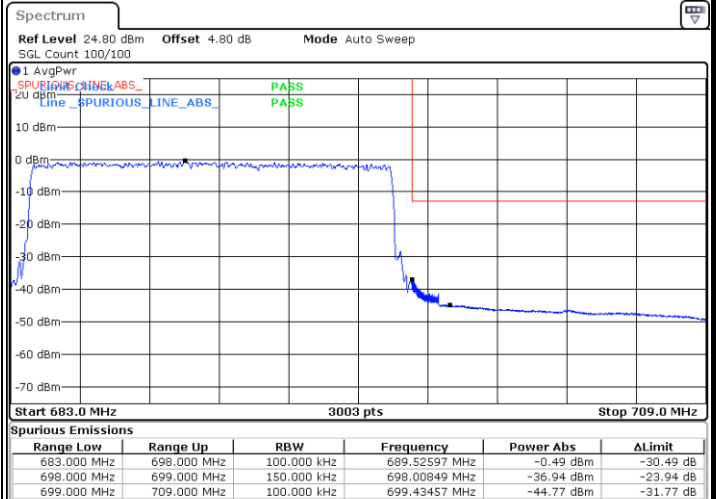
Date: 10. DEC. 2022 12:15:22

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 11:59:52

Highest Band Edge / Full RB

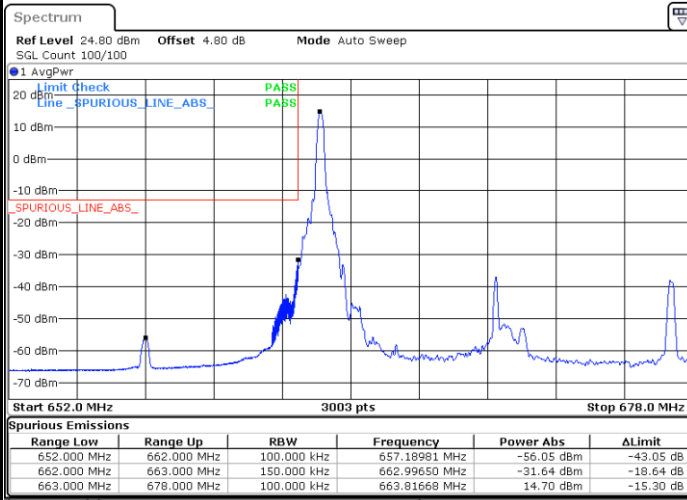


Date: 10. DEC. 2022 12:16:12



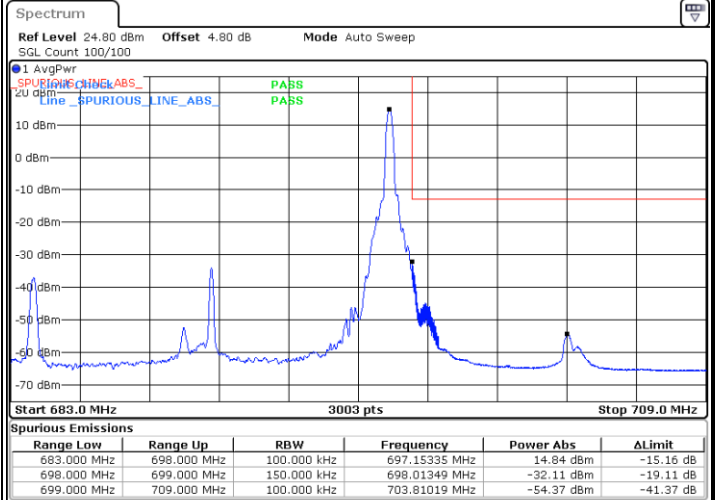
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



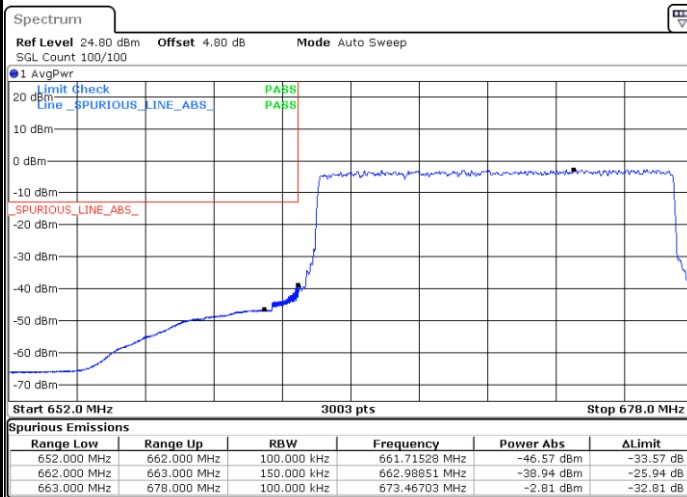
Date: 10. DEC. 2022 12:42:54

Highest Band Edge / 1 RB



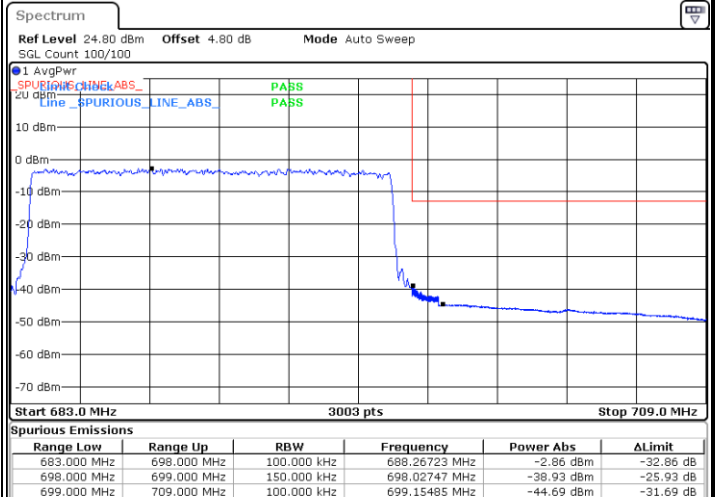
Date: 10. DEC. 2022 12:45:30

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 12:43:39

Highest Band Edge / Full RB

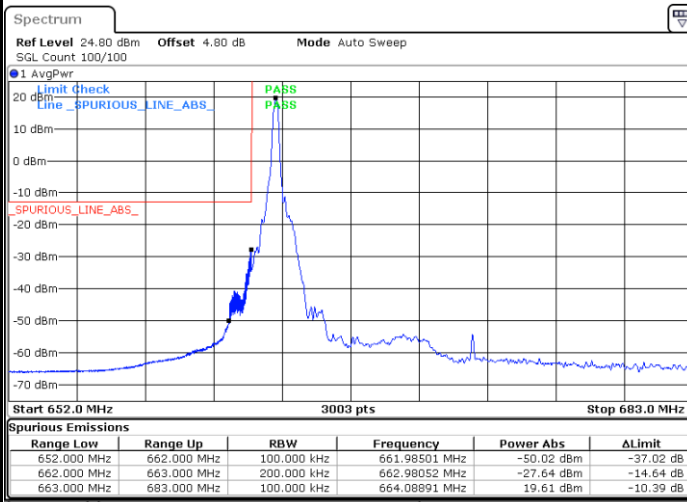


Date: 10. DEC. 2022 12:44:42



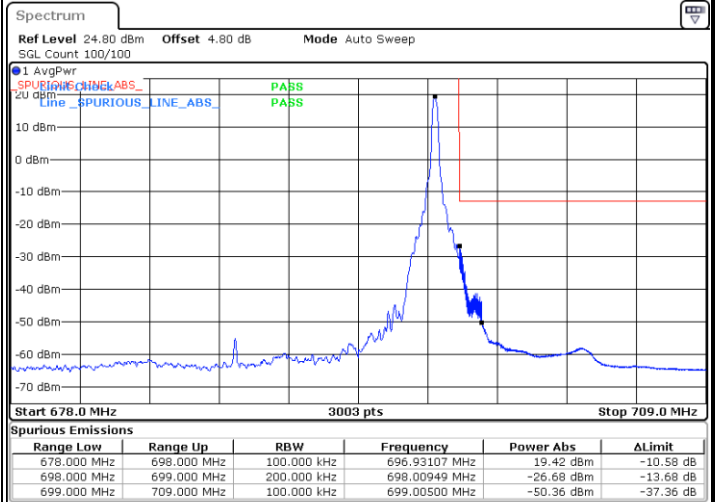
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



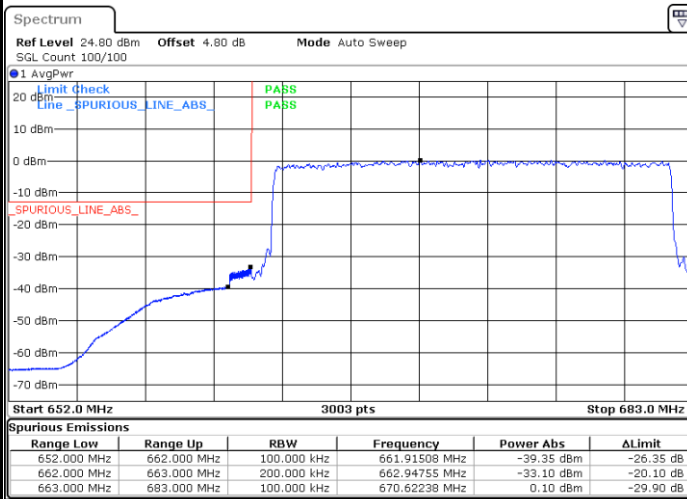
Date: 10. DEC. 2022 12:22:54

Highest Band Edge / 1 RB



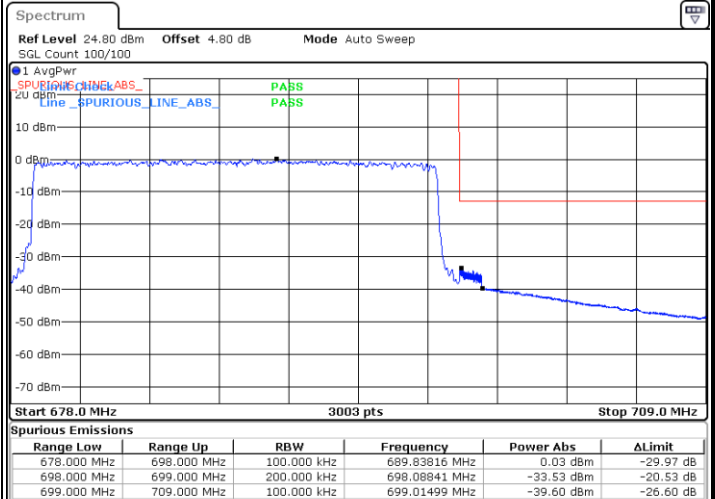
Date: 10. DEC. 2022 12:27:39

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 12:18:44

Highest Band Edge / Full RB

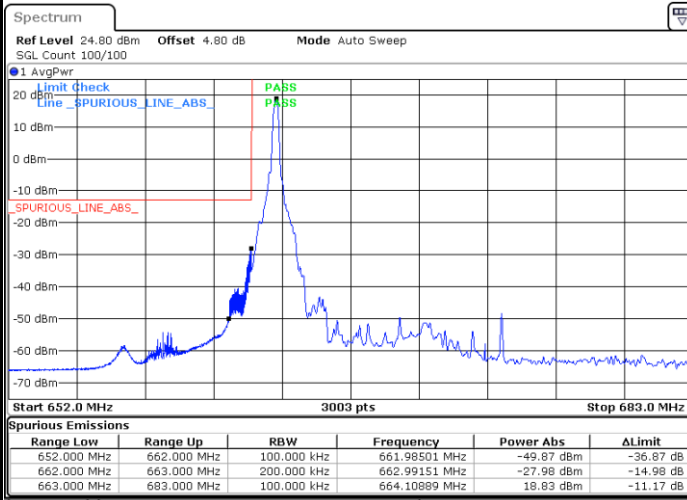


Date: 10. DEC. 2022 12:31:50



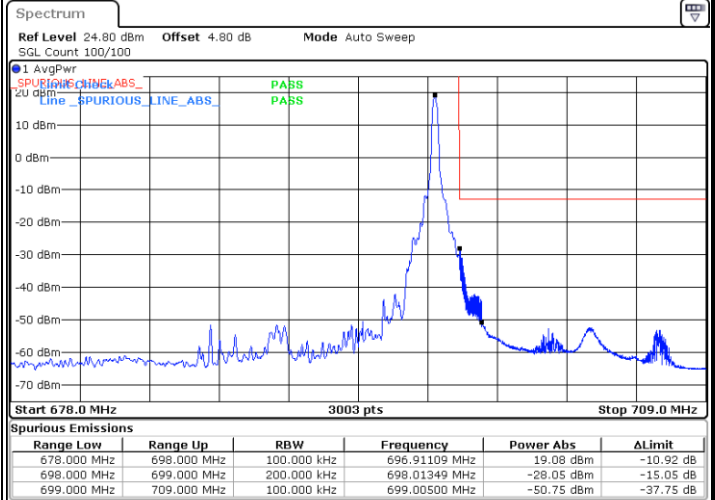
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



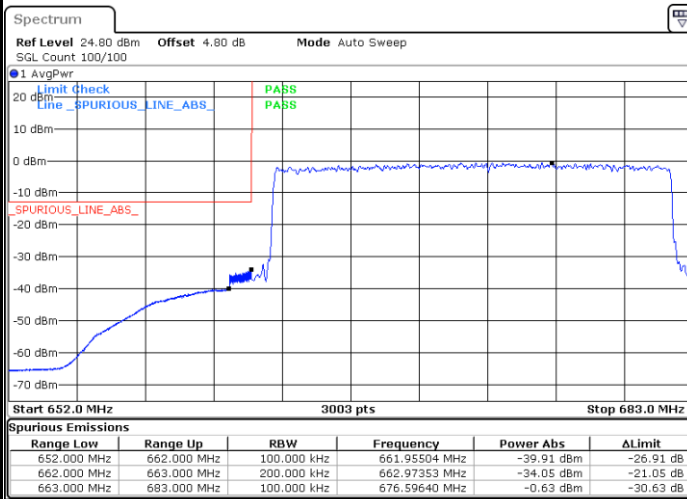
Date: 10. DEC. 2022 12:22:04

Highest Band Edge / 1RB



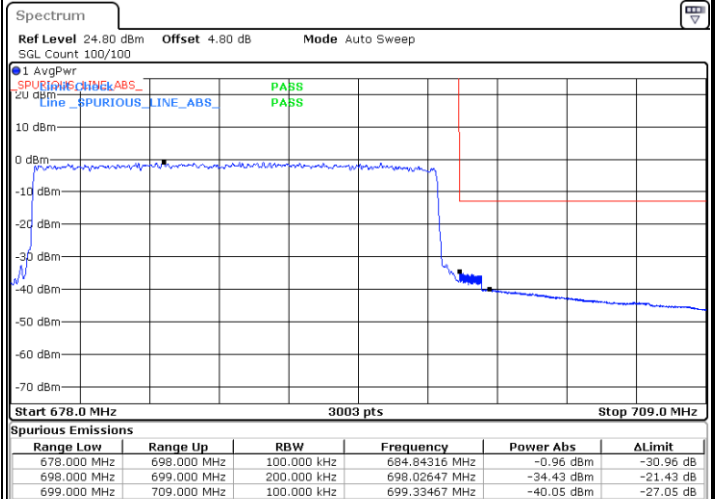
Date: 10. DEC. 2022 12:28:29

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 12:19:34

Highest Band Edge / Full RB

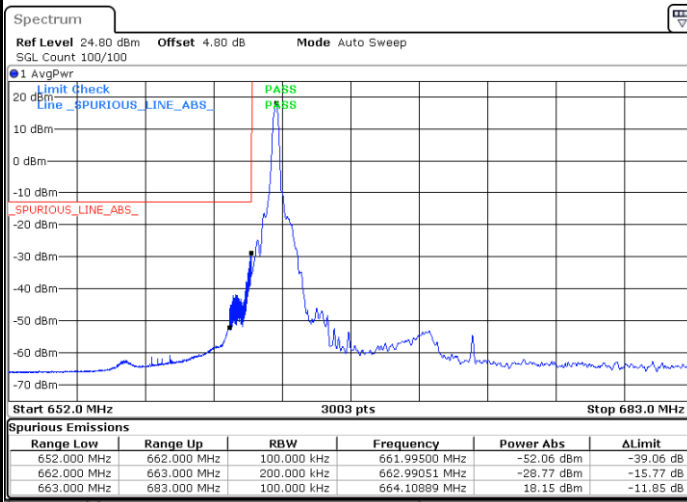


Date: 10. DEC. 2022 12:31:00



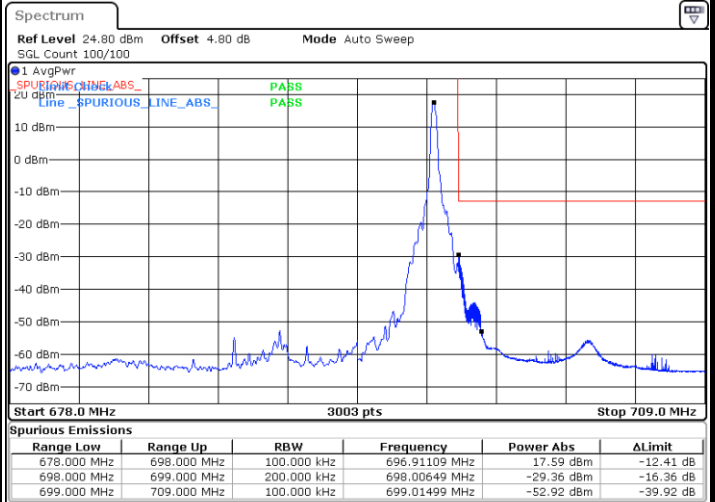
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



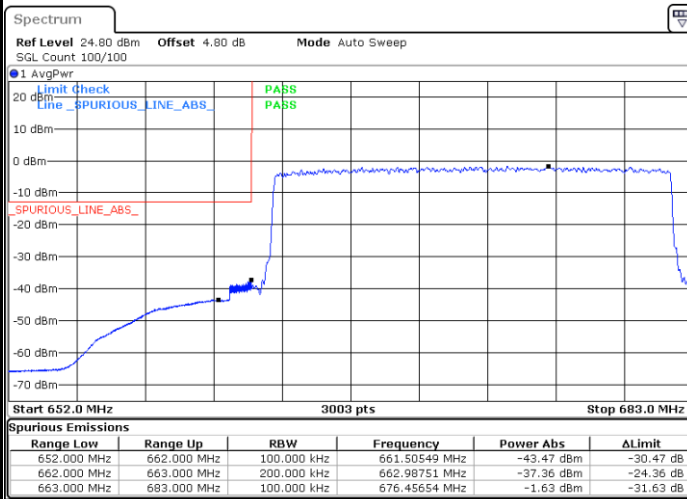
Date: 10. DEC. 2022 12:21:14

Highest Band Edge / 1 RB



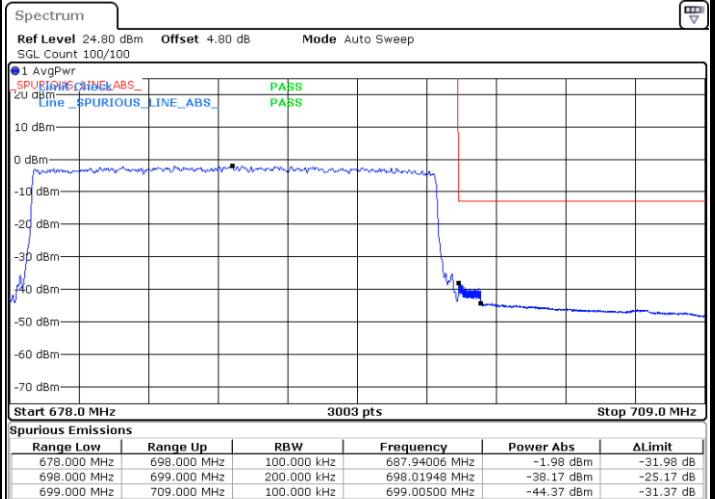
Date: 10. DEC. 2022 12:29:19

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 12:20:24

Highest Band Edge / Full RB

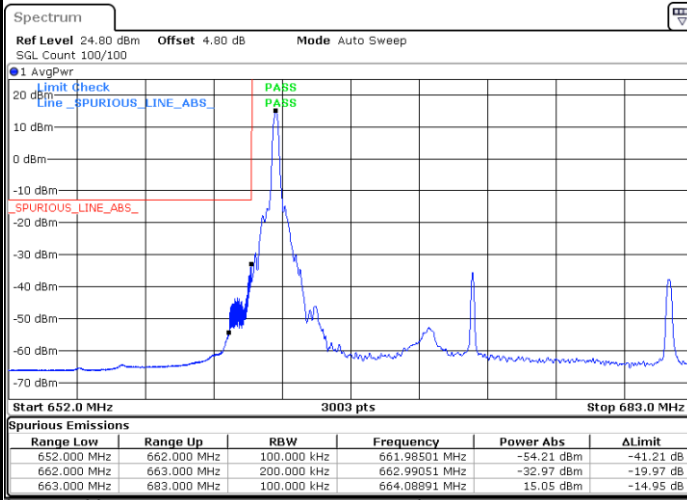


Date: 10. DEC. 2022 12:30:10



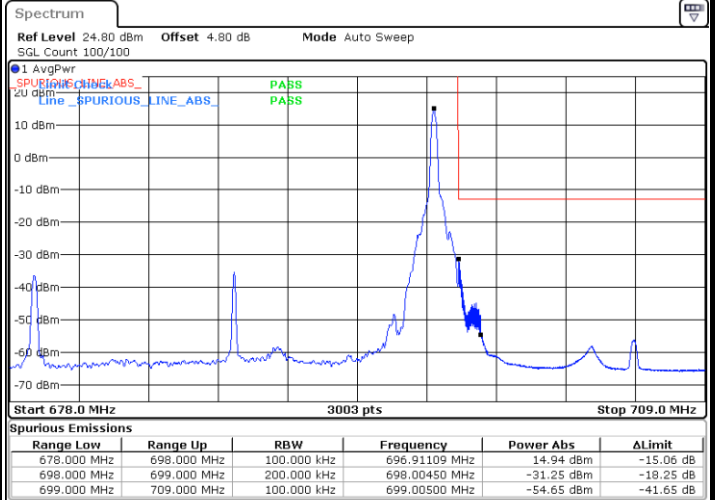
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



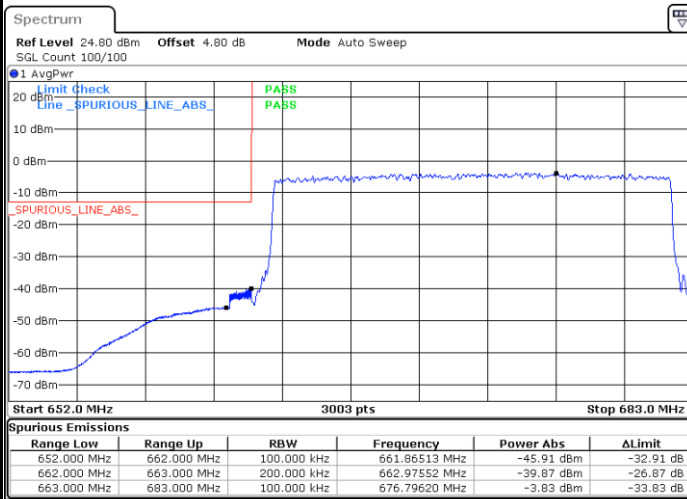
Date: 10. DEC. 2022 12:36:49

Highest Band Edge / 1 RB



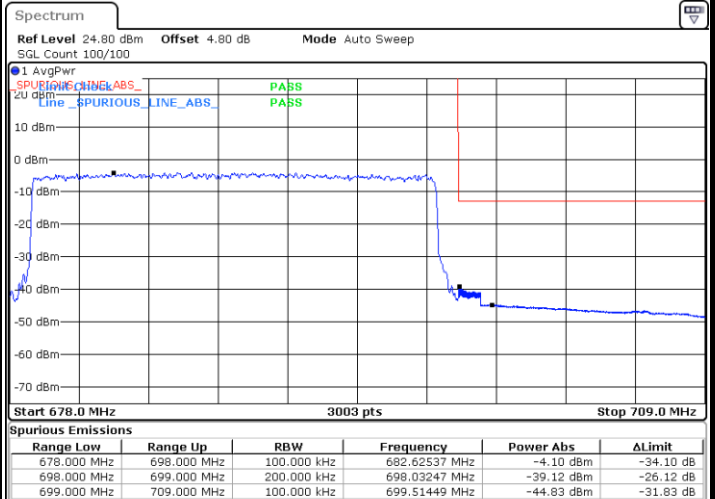
Date: 10. DEC. 2022 12:41:32

Lowest Band Edge / Full RB



Date: 10. DEC. 2022 12:35:53

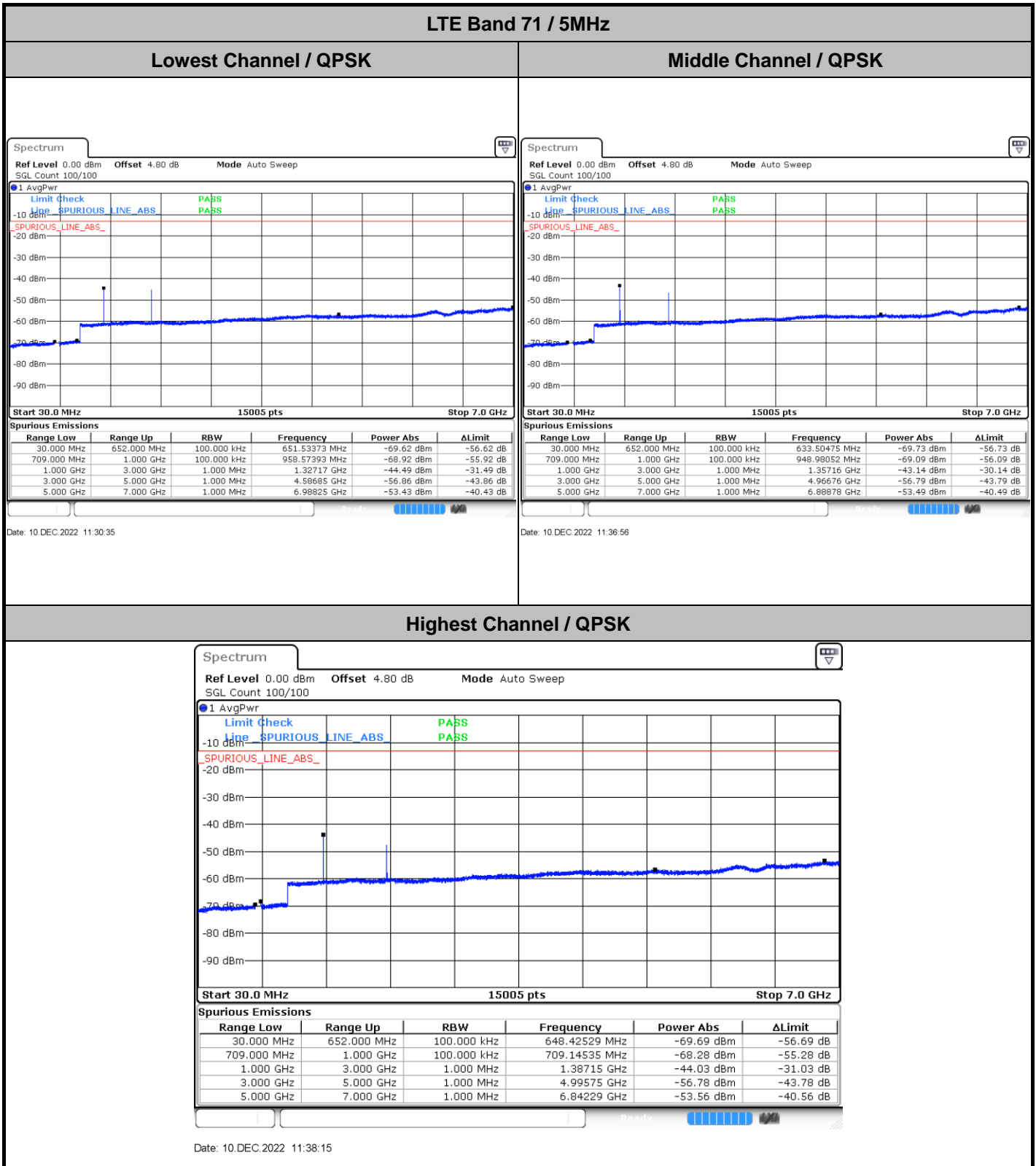
Highest Band Edge / Full RB



Date: 10. DEC. 2022 12:40:32



Conducted Spurious Emission

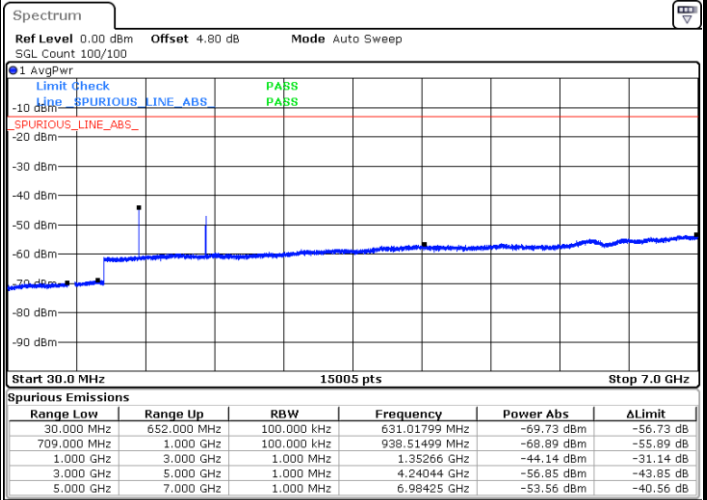
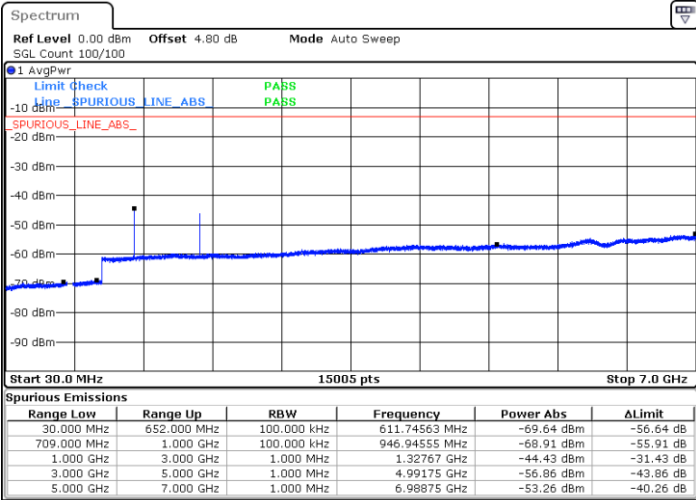




LTE Band 71 / 10MHz

Lowest Channel / QPSK

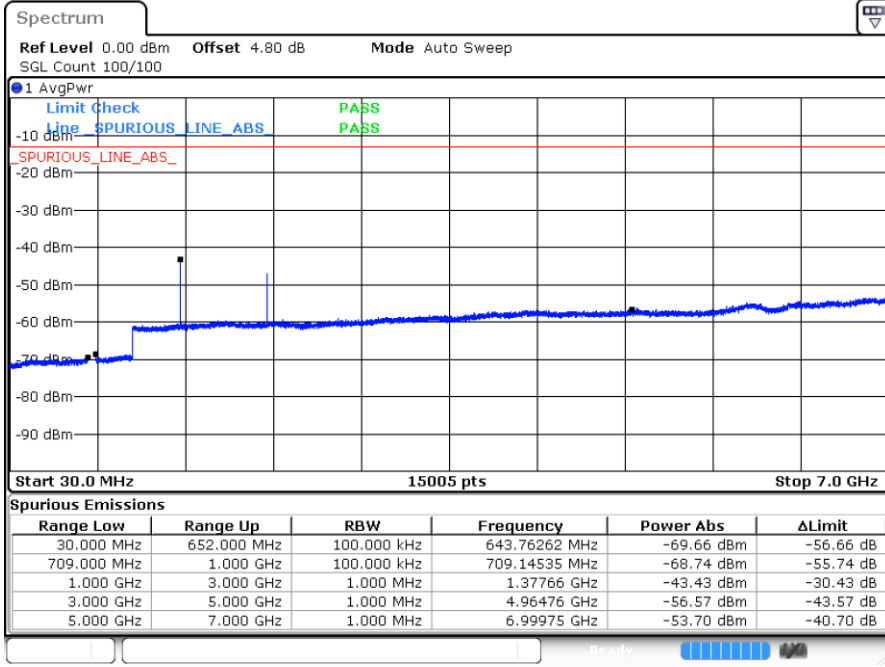
Middle Channel / QPSK



Date: 10.DEC.2022 11:49:43

Date: 10.DEC.2022 11:51:01

Highest Channel / QPSK



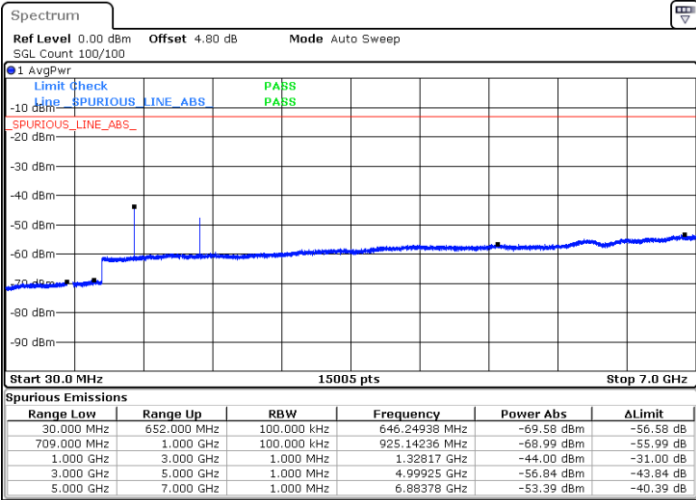
Date: 10.DEC.2022 11:52:20



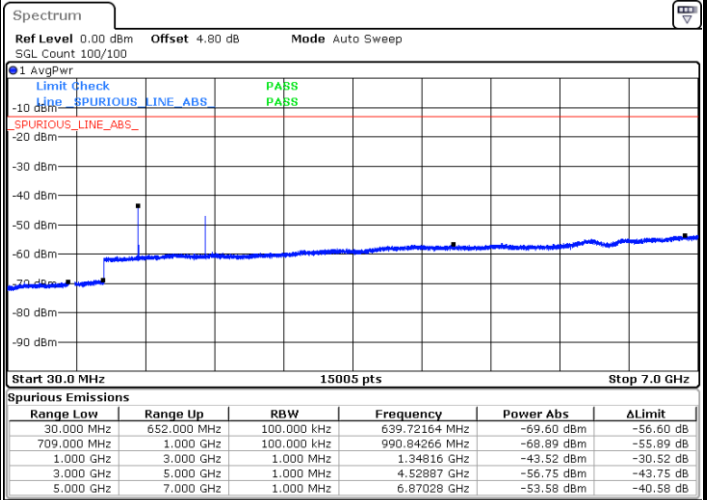
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

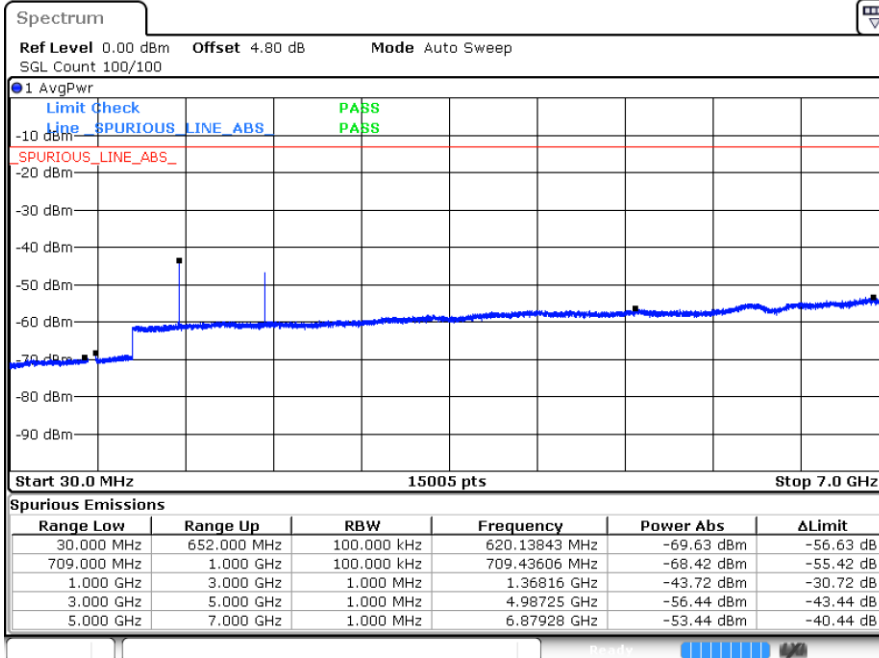


Date: 10.DEC.2022 12:03:40



Date: 10.DEC.2022 12:11:33

Highest Channel / QPSK



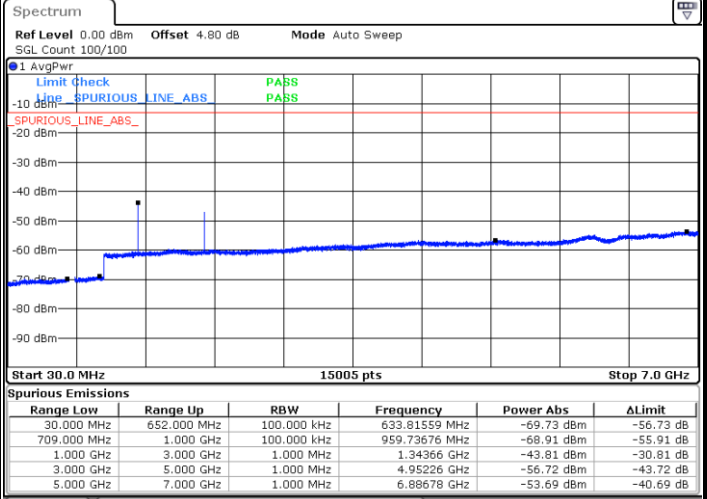
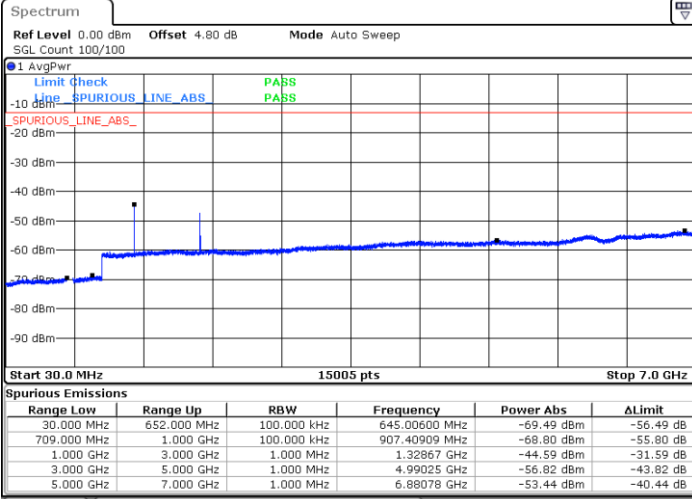
Date: 10.DEC.2022 12:12:52



LTE Band 71 / 20MHz

Lowest Channel / QPSK

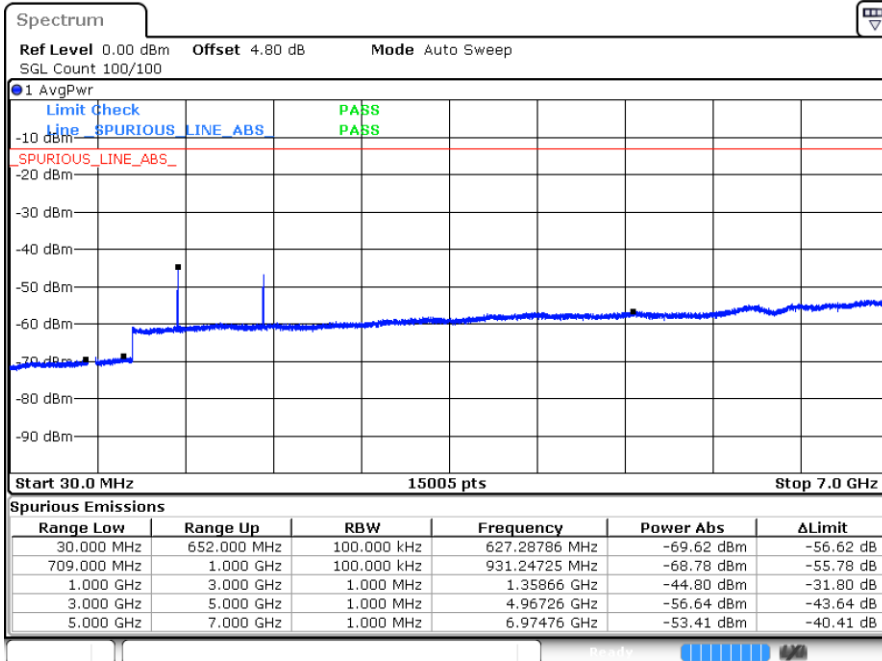
Middle Channel / QPSK



Date: 10.DEC.2022 12:24:13

Date: 10.DEC.2022 12:25:31

Highest Channel / QPSK



Date: 10.DEC.2022 12:26:49



Frequency Stability

| Test Conditions | | LTE Band 71 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0023 | PASS |
| 40 | Normal Voltage | 0.0019 | |
| 30 | Normal Voltage | 0.0021 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0015 | |
| 0 | Normal Voltage | 0.0020 | |
| -10 | Normal Voltage | 0.0024 | |
| -20 | Normal Voltage | 0.0014 | |
| -30 | Normal Voltage | 0.0011 | |
| 20 | Maximum Voltage | 0.0029 | |
| 20 | Normal Voltage | 0.0022 | |
| 20 | Battery End Point | 0.0019 | |

Note:

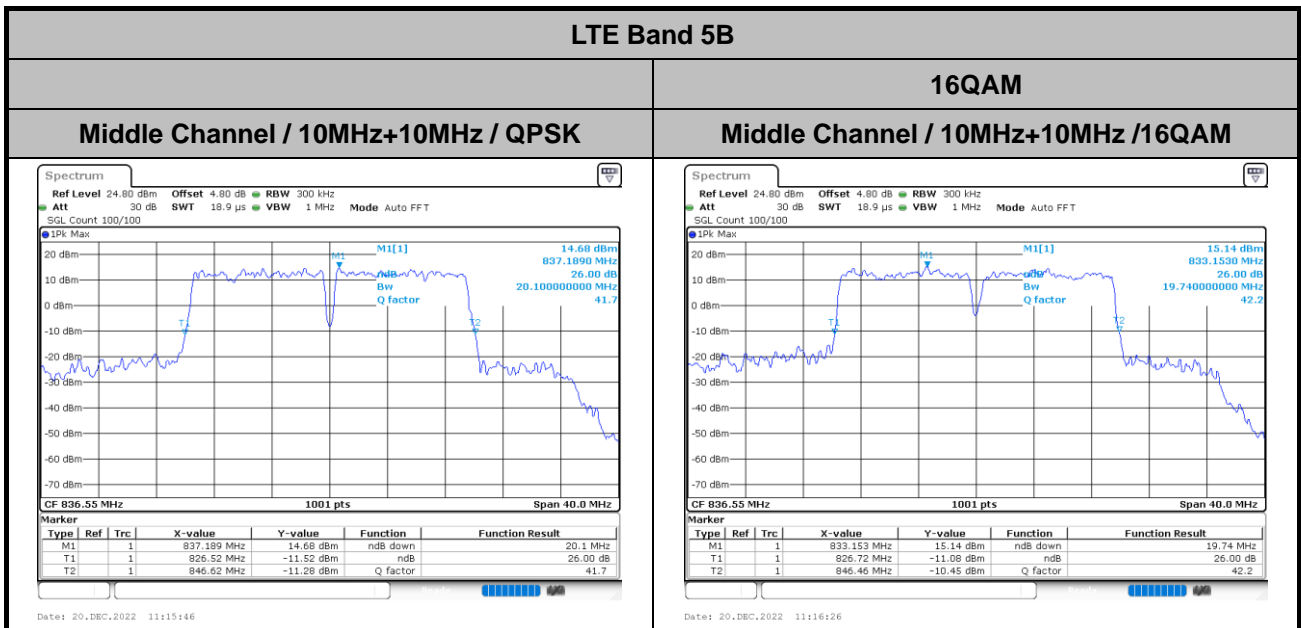
1. Normal Voltage =3.89V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5B

26dB Bandwidth

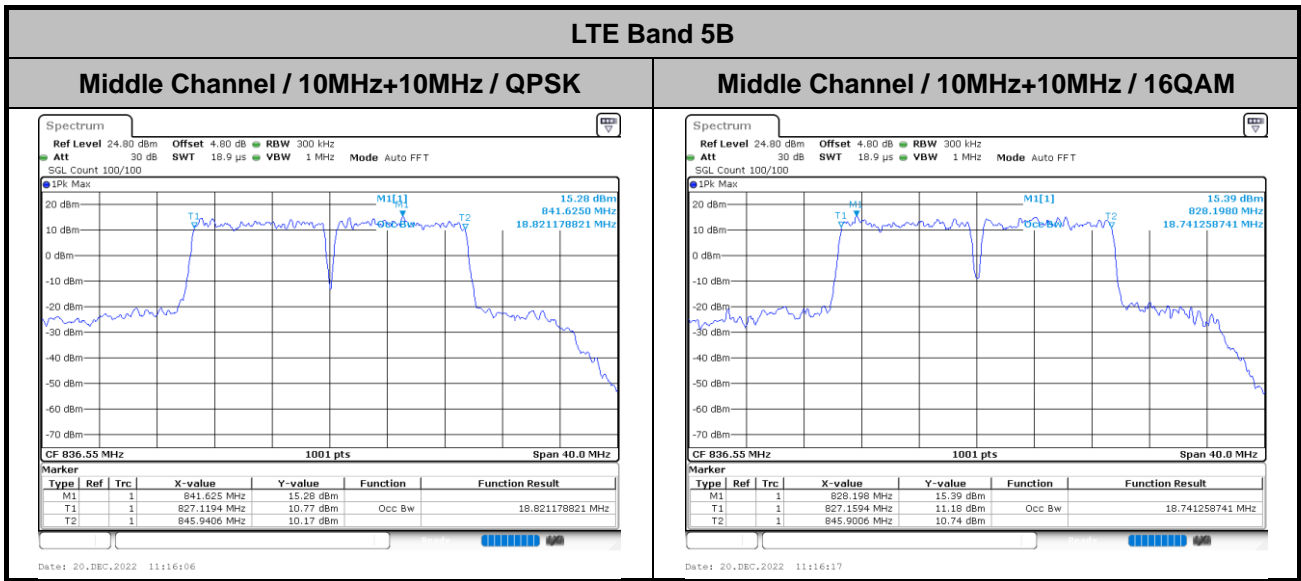
| | | |
|-----------|----------------------------|-------|
| Mode | LTE Band 5B : 26dB BW(MHz) | |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 20.10 | 19.74 |





Occupied Bandwidth

| | | |
|-----------|---------------------------|-------|
| Mode | LTE Band 5B : 99%OBW(MHz) | |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 18.82 | 18.74 |



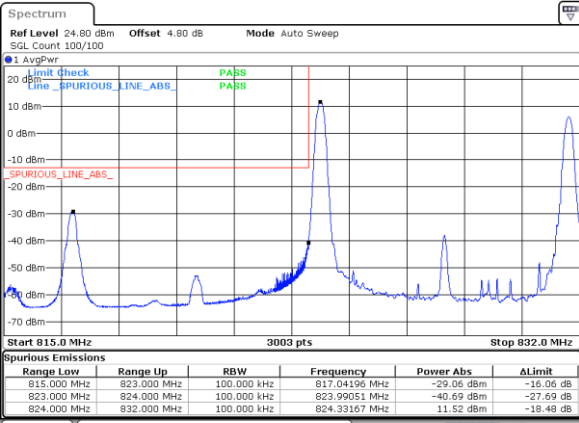


Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

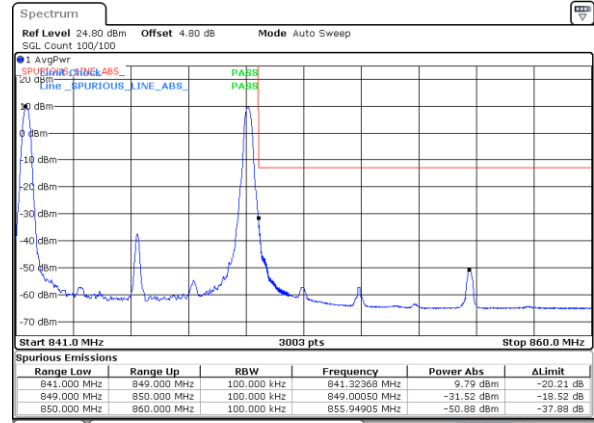
QPSK

Lowest Band Edge / 1RB0 and 1RB24



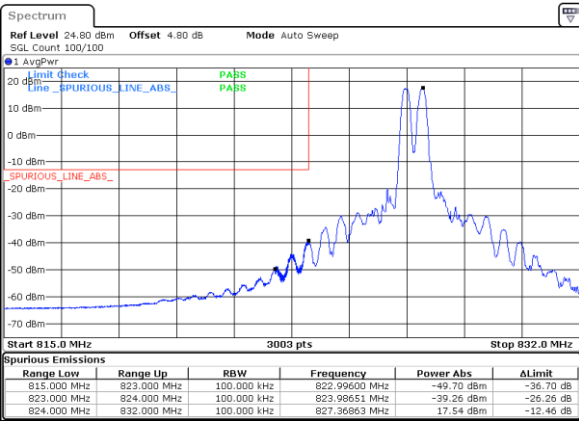
Date: 20. DEC. 2022 07:57:07

Highest Band Edge / 1RB0 and 1RB24



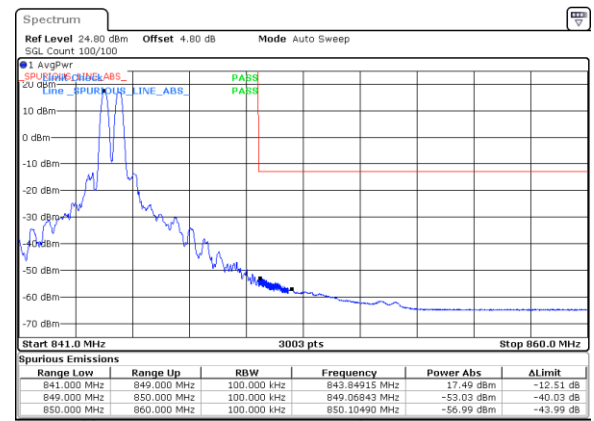
Date: 20. DEC. 2022 08:26:51

Lowest Band Edge / 1RB14 and 1RB0



Date: 20. DEC. 2022 08:05:07

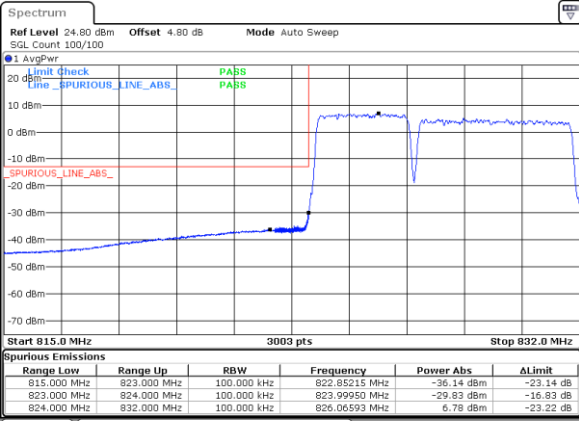
Highest Band Edge / 1RB14 and 1RB0



Date: 20. DEC. 2022 08:34:53

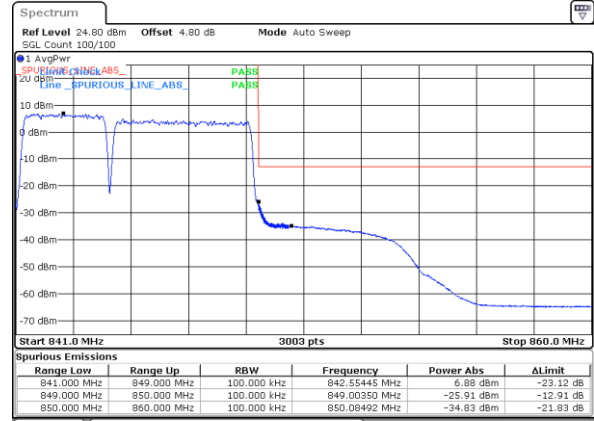


Lowest Band Edge / Full RB



Date: 20, DEC, 2022 07:49:05

Highest Band Edge / Full RB



Date: 20, DEC, 2022 08:18:50

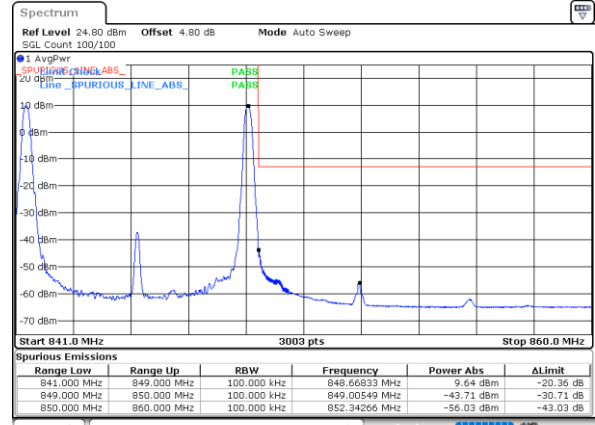
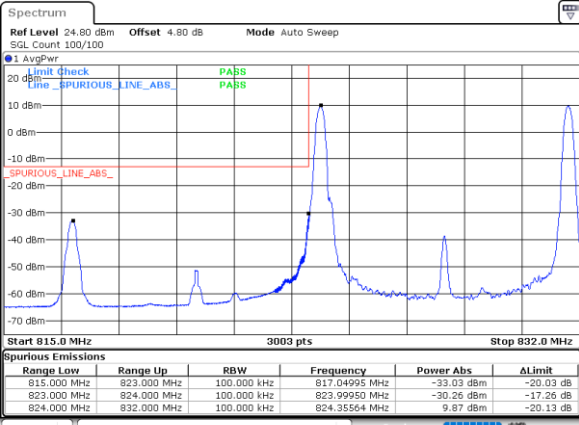


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

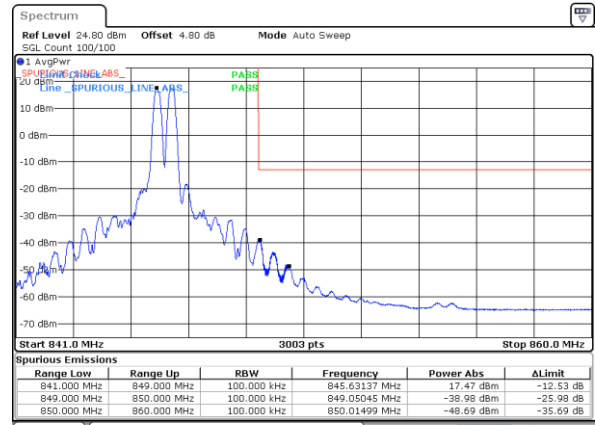
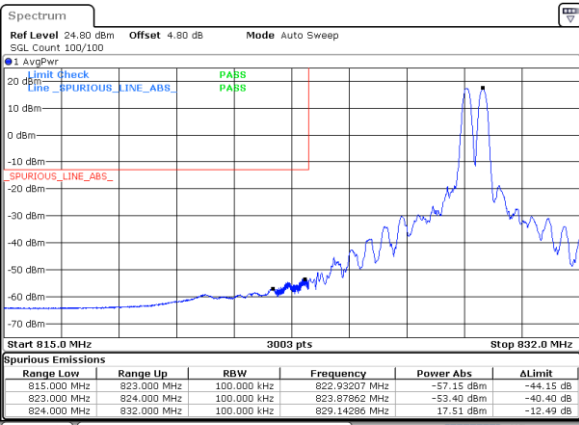


Date: 20_DEC.2022 09:52:55

Date: 20_DEC.2022 09:18:49

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

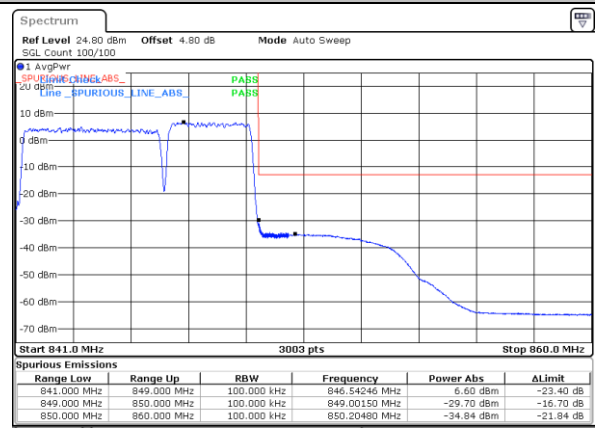
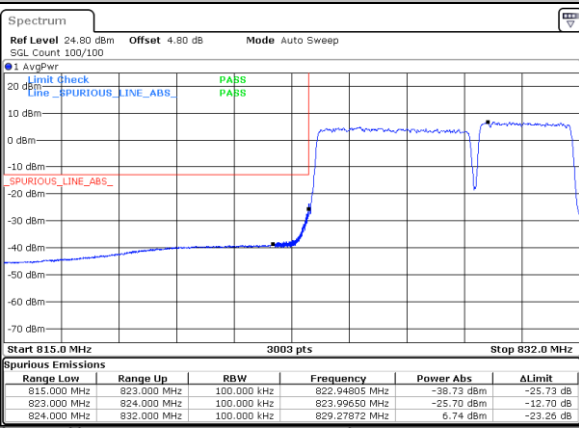


Date: 20_DEC.2022 09:00:57

Date: 20_DEC.2022 09:26:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20_DEC.2022 09:44:52

Date: 20_DEC.2022 09:10:48

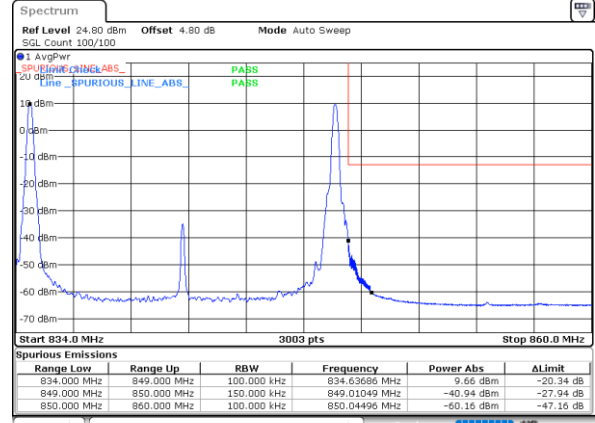
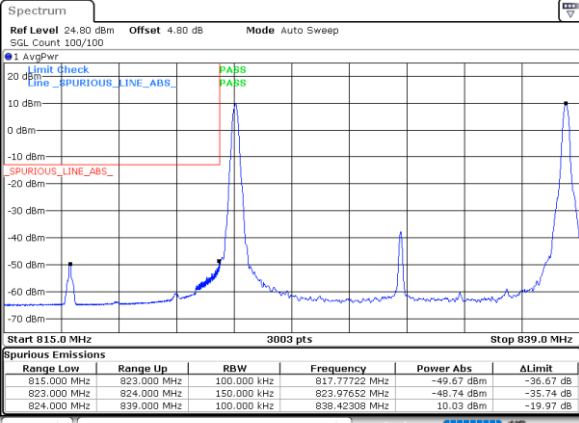


LTE Band 5B / 5MHz+10MHz

QPSK

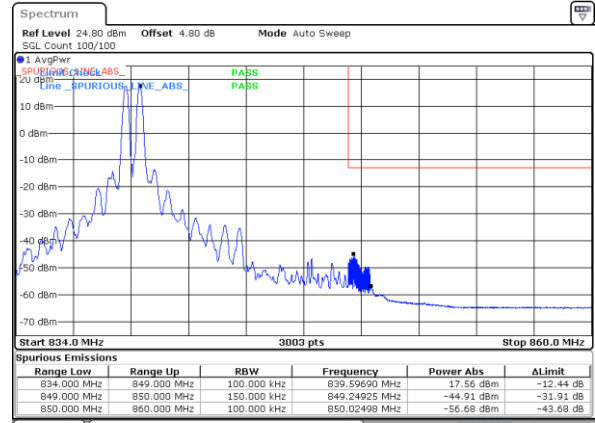
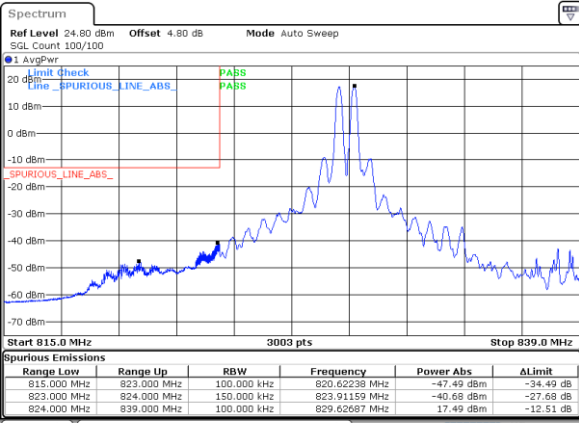
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



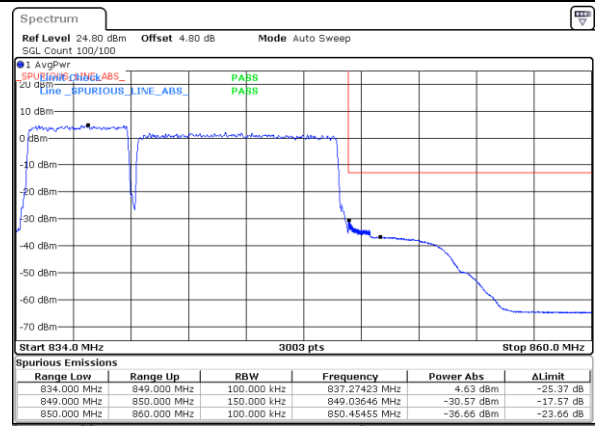
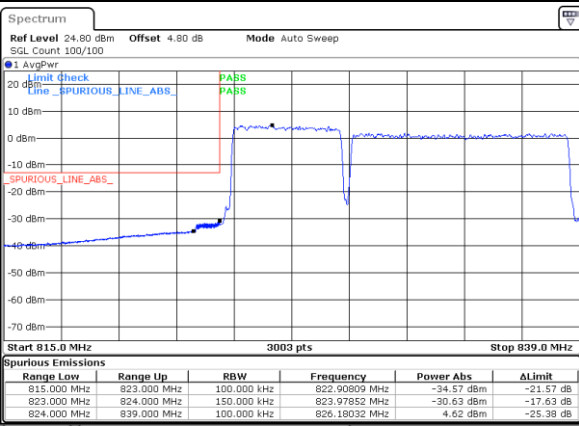
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

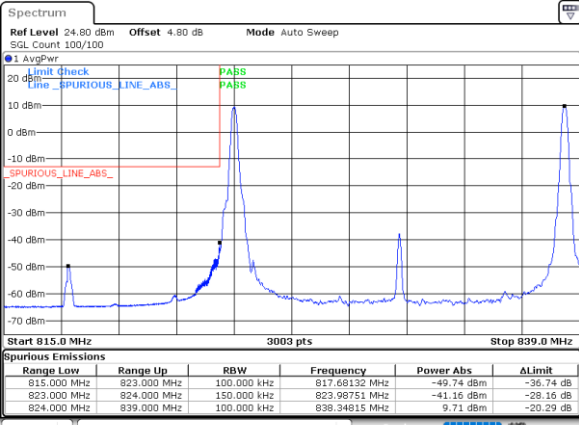




LTE Band 5B / 10MHz+5MHz

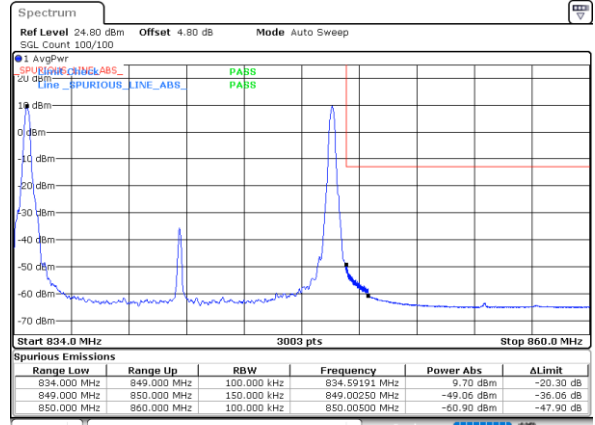
QPSK

Lowest Band Edge / 1RB0 and 1RB24



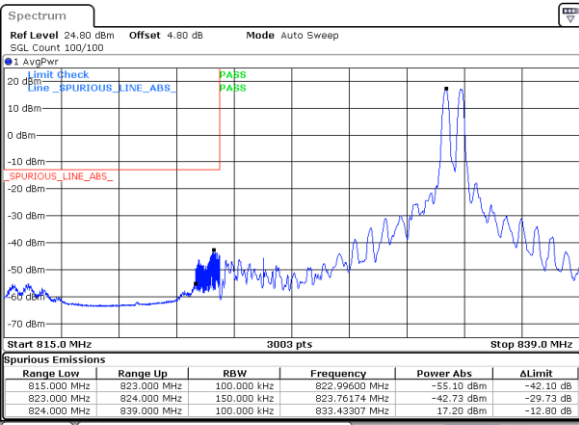
Date: 20_DEC.2022 09:44:43

Highest Band Edge / 1RB0 and 1RB24



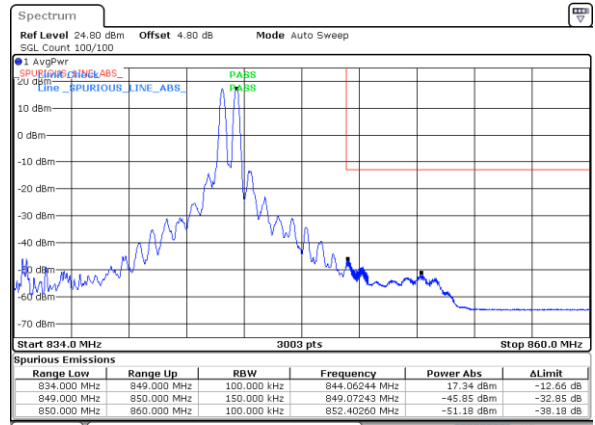
Date: 20_DEC.2022 10:10:02

Lowest Band Edge / 1RB49 and 1RB0



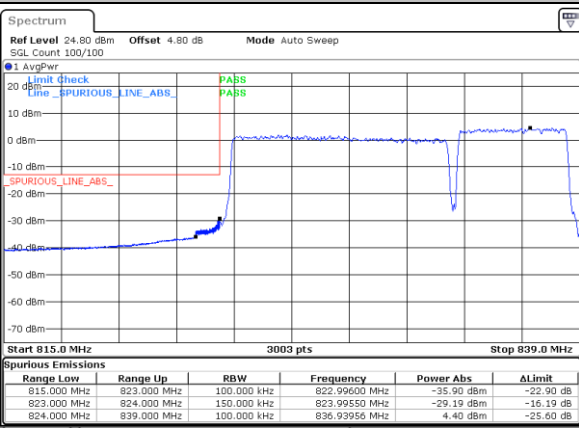
Date: 20_DEC.2022 09:52:43

Highest Band Edge / 1RB49 and 1RB0



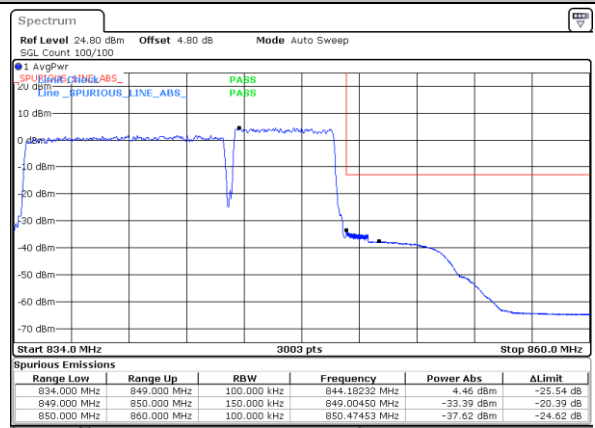
Date: 20_DEC.2022 10:18:04

Lowest Band Edge / Full RB



Date: 20_DEC.2022 09:36:38

Highest Band Edge / Full RB



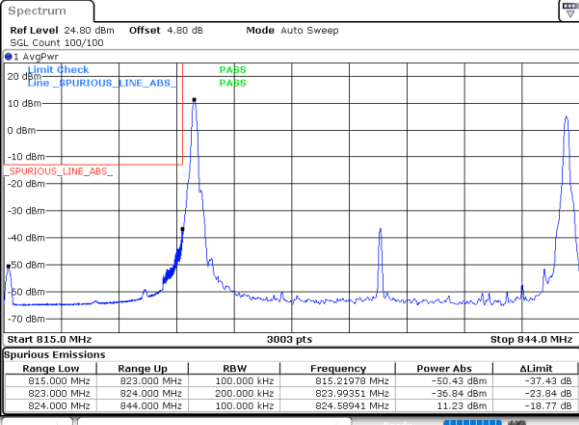
Date: 20_DEC.2022 10:02:01



LTE Band 5B / 10MHz+10MHz

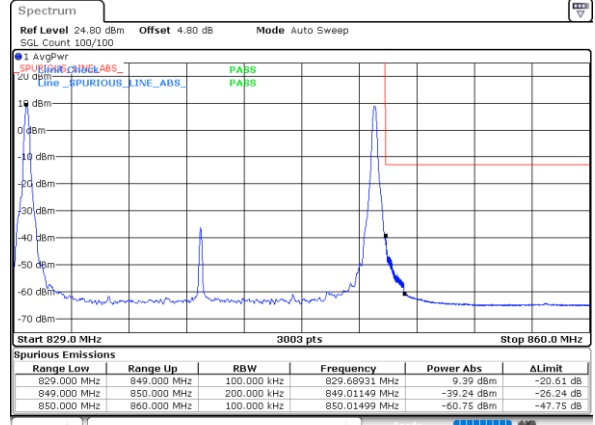
QPSK

Lowest Band Edge / 1RB0 and 1RB49



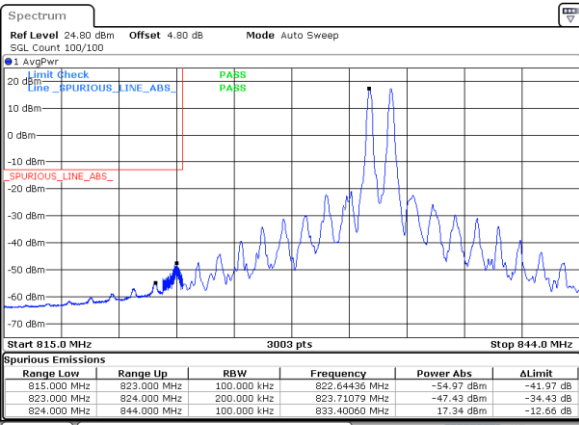
Date: 20. DEC. 2022 10:34:21

Highest Band Edge / 1RB0 and 1RB49



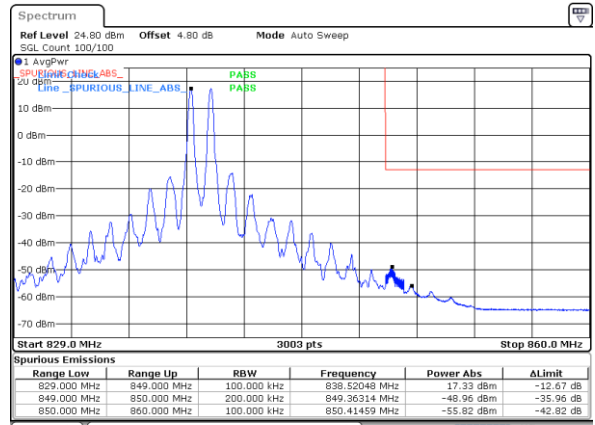
Date: 20. DEC. 2022 10:59:36

Lowest Band Edge / 1RB49 and 1RB0



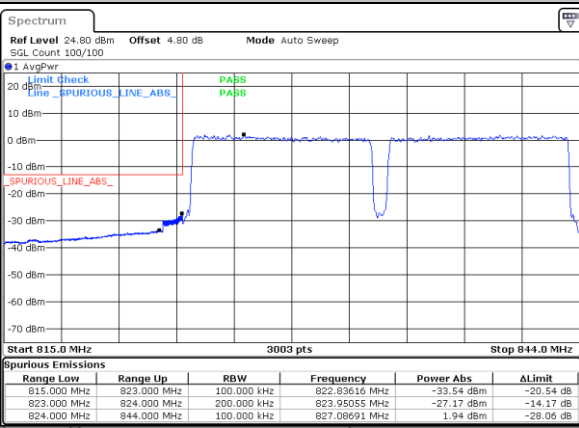
Date: 20. DEC. 2022 10:42:22

Highest Band Edge / 1RB49 and 1RB0



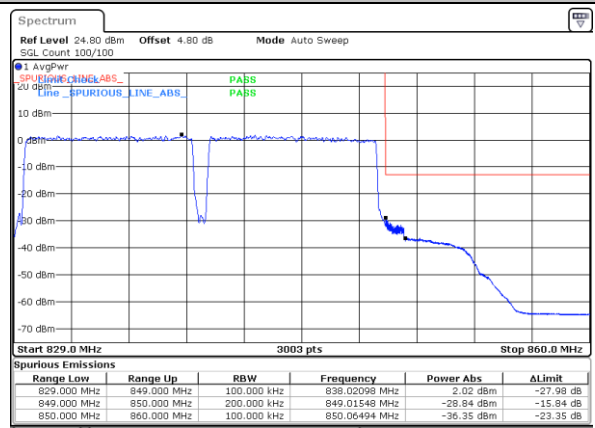
Date: 20. DEC. 2022 11:07:38

Lowest Band Edge / Full RB



Date: 20. DEC. 2022 10:26:18

Highest Band Edge / Full RB



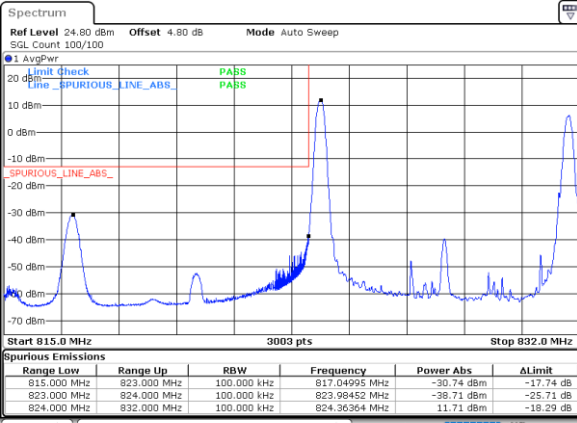
Date: 20. DEC. 2022 10:51:33



LTE Band 5B / 3MHz+5MHz

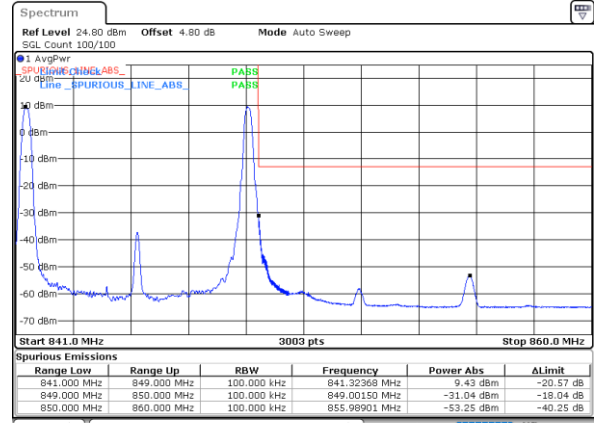
16QAM

Lowest Band Edge / 1RB0 and 1RB24



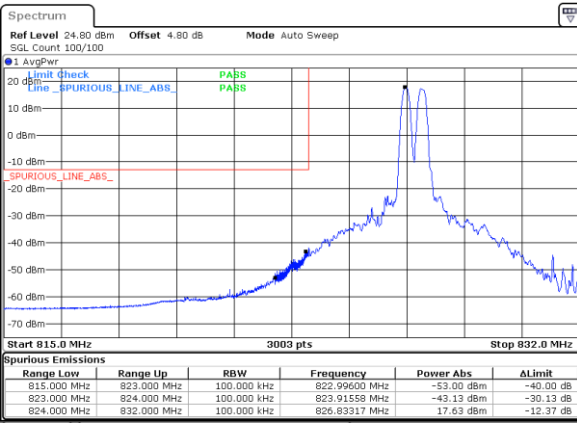
Date: 20. DEC. 2022 07:59:07

Highest Band Edge / 1RB0 and 1RB24



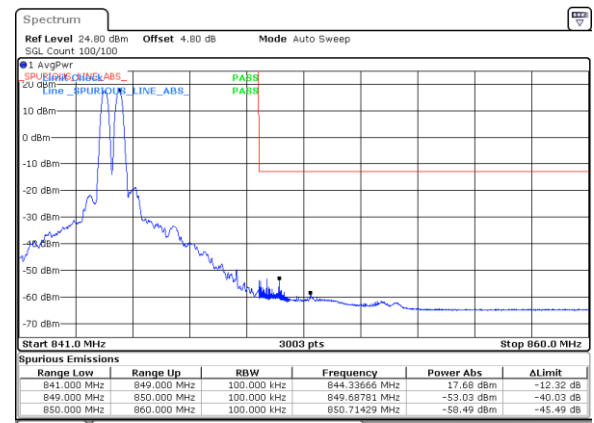
Date: 20. DEC. 2022 08:28:51

Lowest Band Edge / 1RB14 and 1RB0



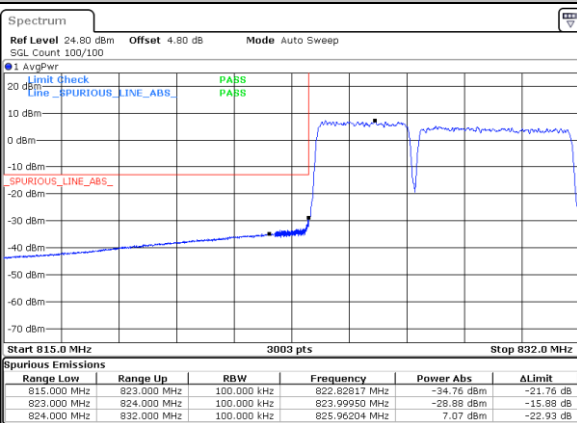
Date: 20. DEC. 2022 08:07:07

Highest Band Edge / 1RB14 and 1RB0



Date: 20. DEC. 2022 08:36:53

Lowest Band Edge / Full RB



Date: 20. DEC. 2022 07:51:04

Highest Band Edge / Full RB



Date: 20. DEC. 2022 08:20:50

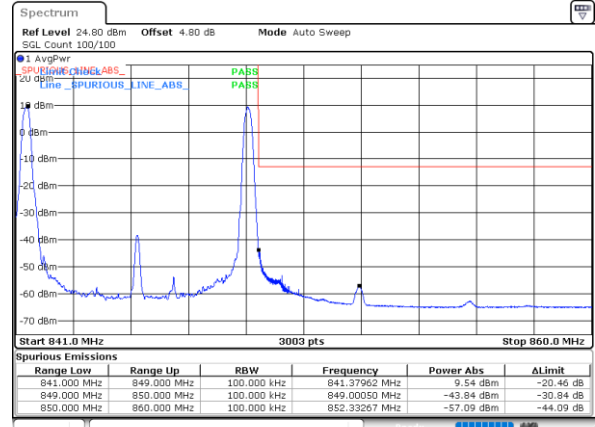
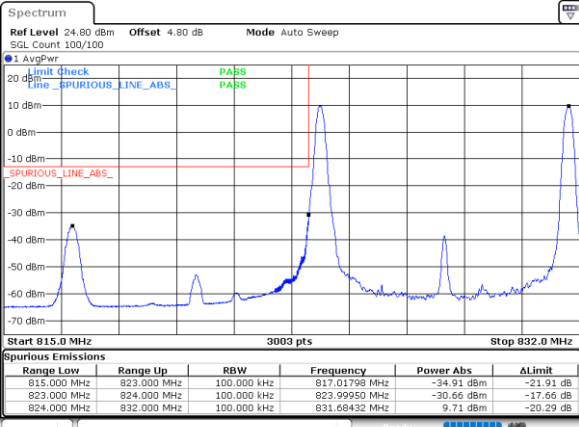


LTE Band 5B / 5MHz+3MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

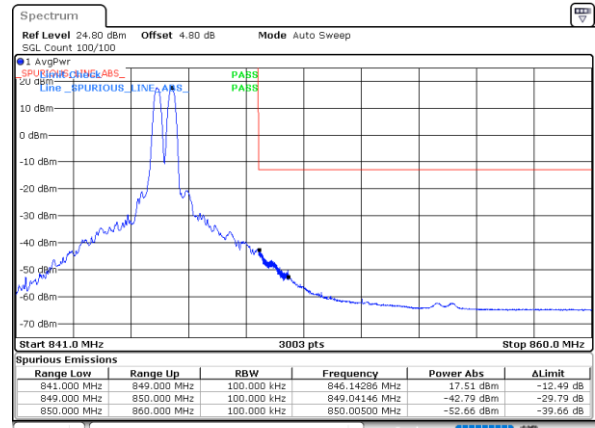
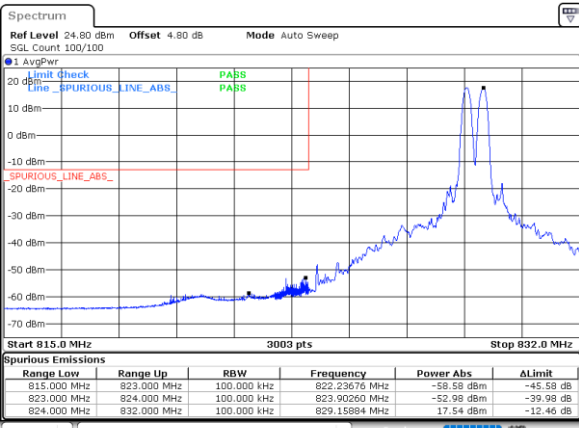


Date: 20_DEC.2022 08:54:55

Date: 20_DEC.2022 09:20:49

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

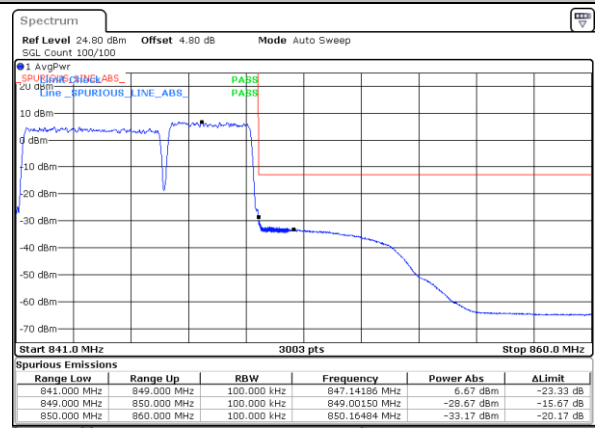
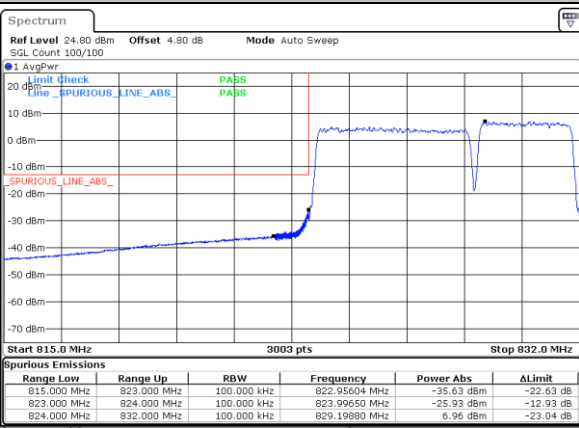


Date: 20_DEC.2022 09:02:57

Date: 20_DEC.2022 09:28:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20_DEC.2022 08:46:52

Date: 20_DEC.2022 09:12:48

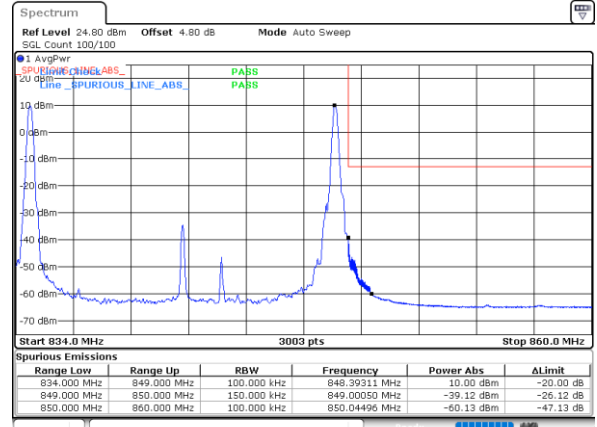
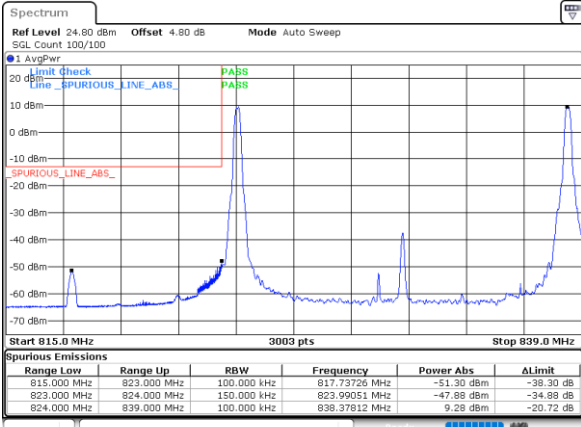


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

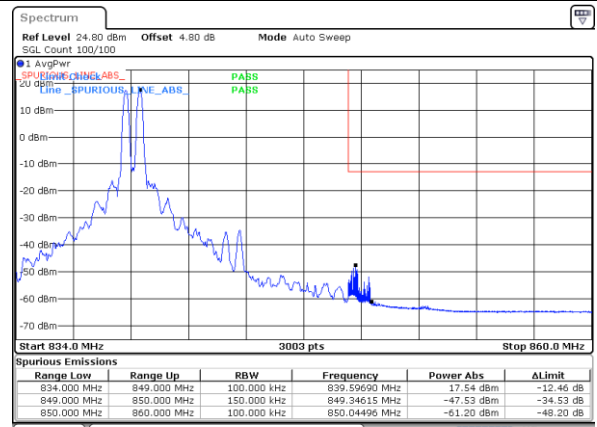
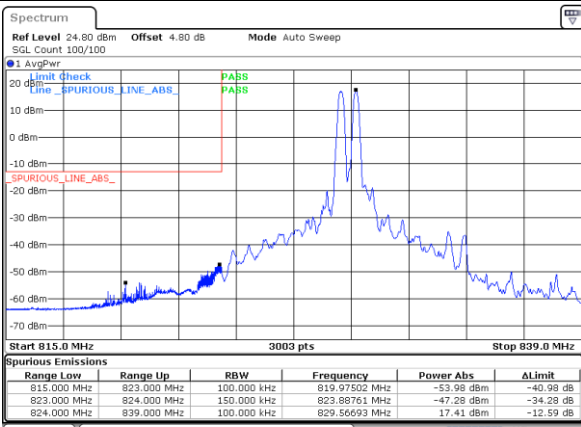


Date: 20_DEC.2022 11:28:51

Date: 20_DEC.2022 11:43:40

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

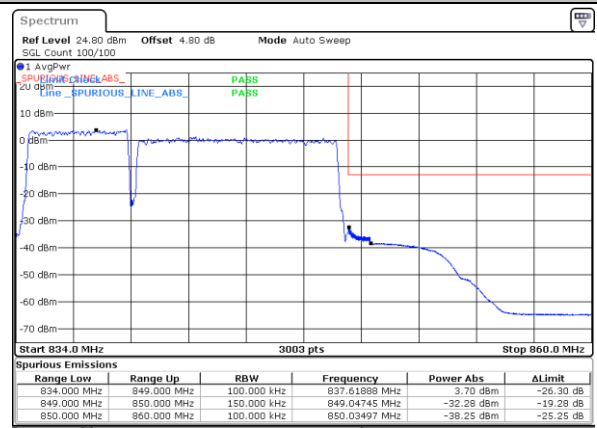
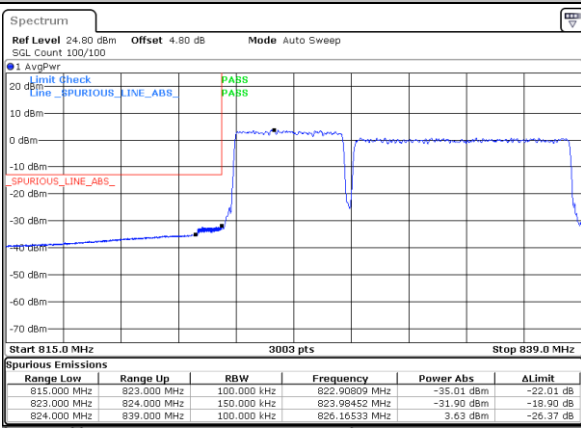


Date: 20_DEC.2022 11:31:41

Date: 20_DEC.2022 11:39:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20_DEC.2022 11:23:52

Date: 20_DEC.2022 11:46:30

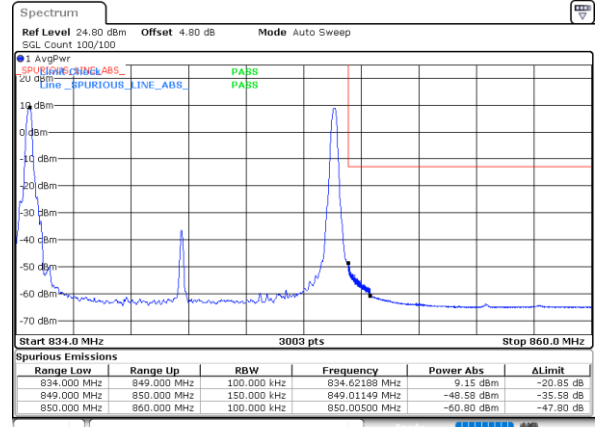
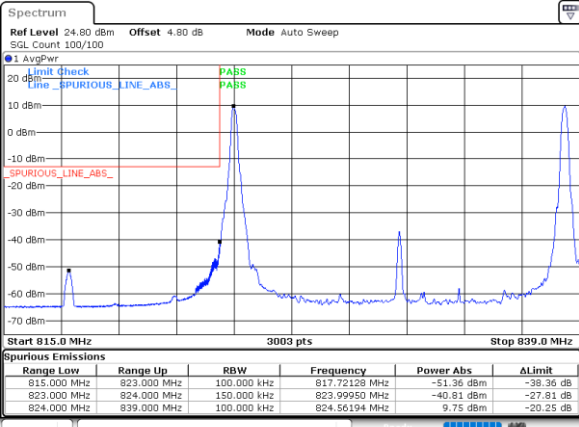


LTE Band 5B / 10MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

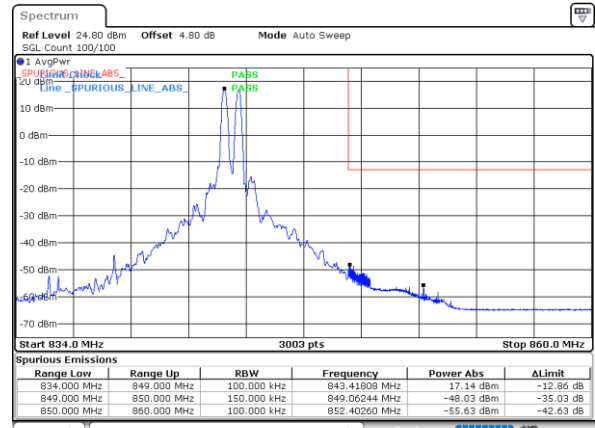
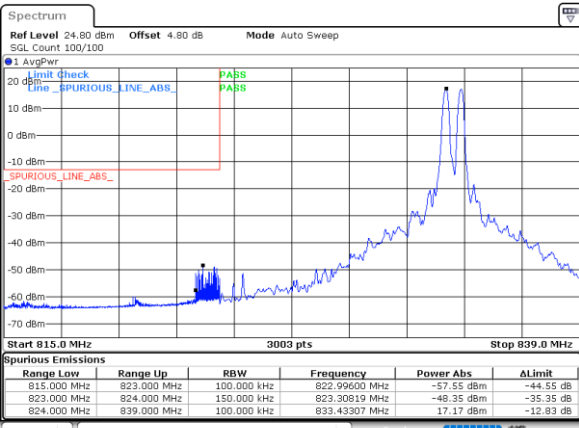


Date: 20_DEC.2022 09:46:41

Date: 20_DEC.2022 10:12:03

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

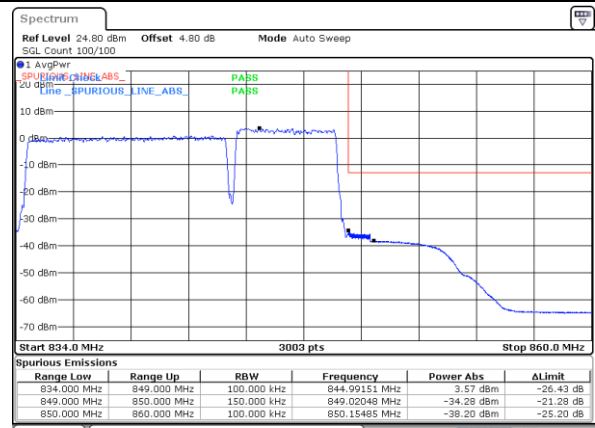
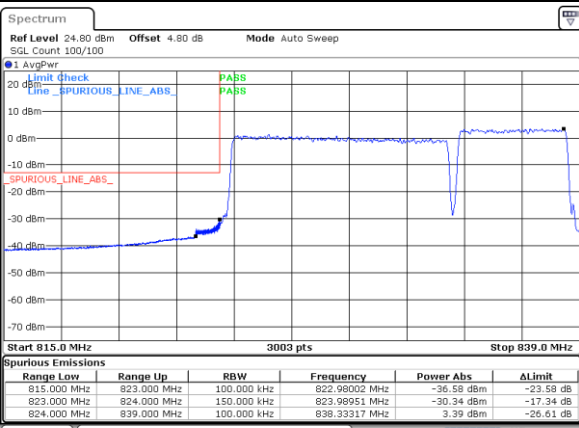


Date: 20_DEC.2022 09:54:44

Date: 20_DEC.2022 10:20:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20_DEC.2022 09:38:38

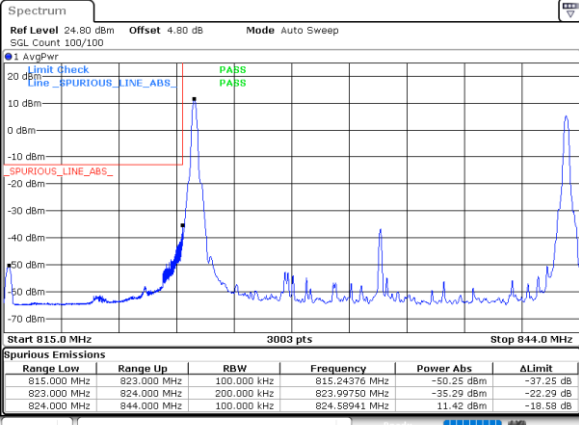
Date: 20_DEC.2022 10:04:01



LTE Band 5B / 10MHz+10MHz

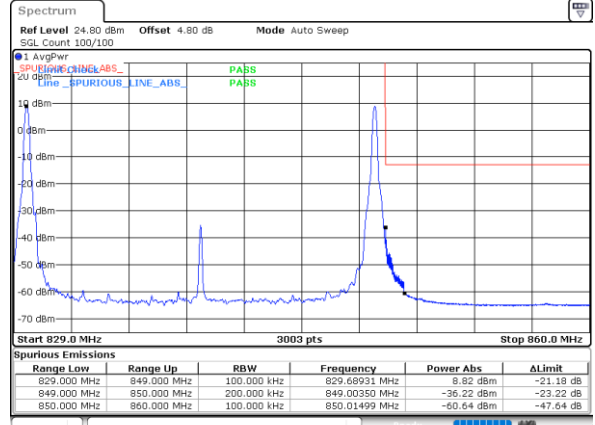
16QAM

Lowest Band Edge / 1RB0 and 1RB49



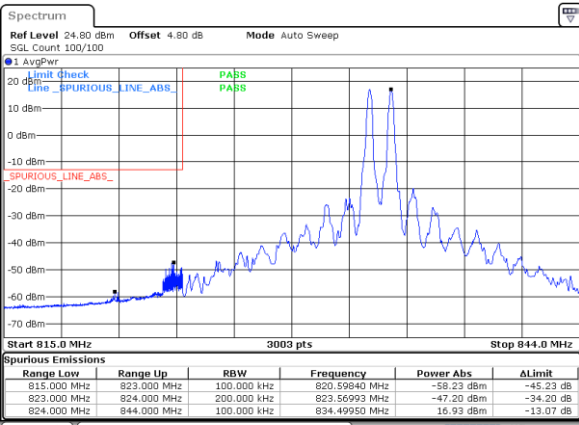
Date: 20_DEC.2022 10:36:23

Highest Band Edge / 1RB0 and 1RB49



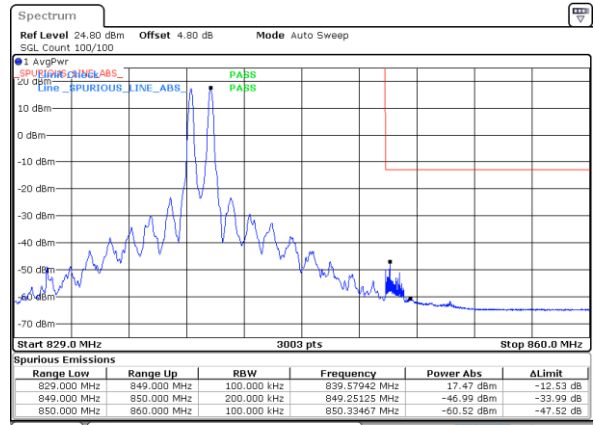
Date: 20_DEC.2022 11:01:36

Lowest Band Edge / 1RB49 and 1RB0



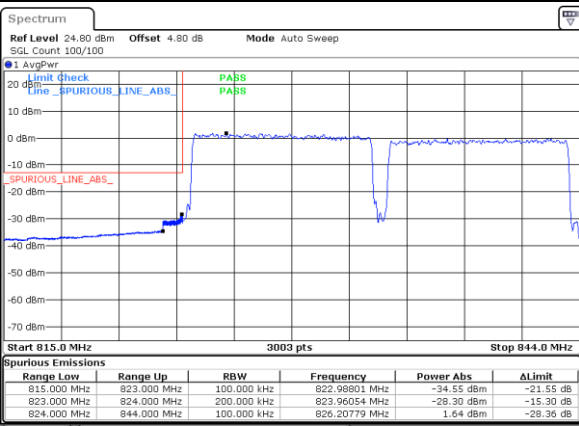
Date: 20_DEC.2022 10:44:23

Highest Band Edge / 1RB49 and 1RB0



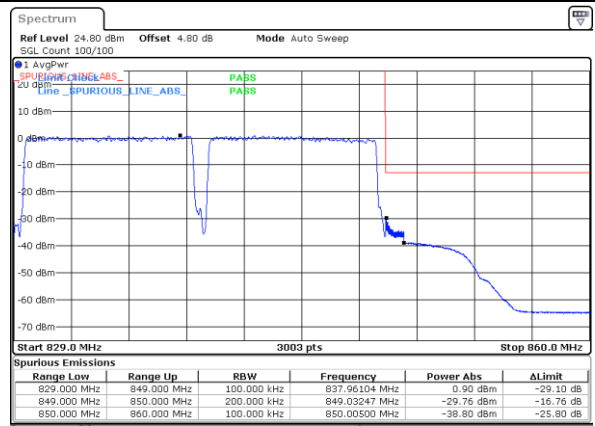
Date: 20_DEC.2022 11:09:42

Lowest Band Edge / Full RB



Date: 20_DEC.2022 10:28:19

Highest Band Edge / Full RB



Date: 20_DEC.2022 10:53:34