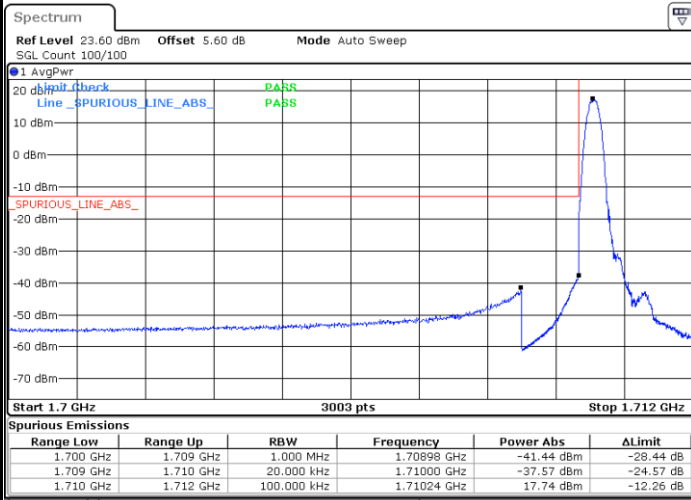




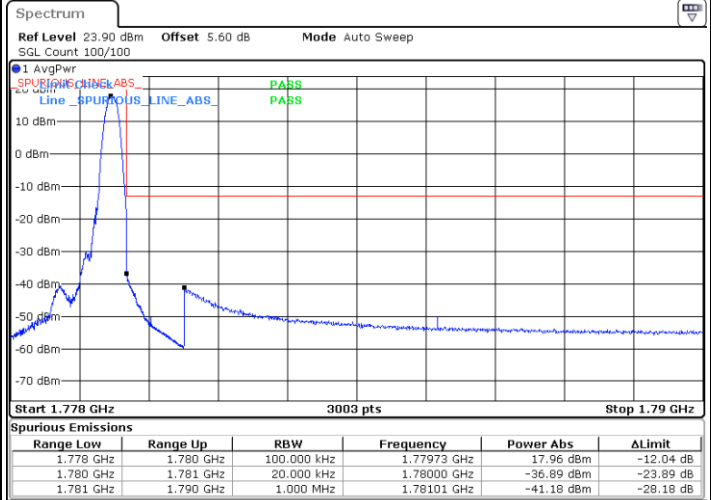
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1RB



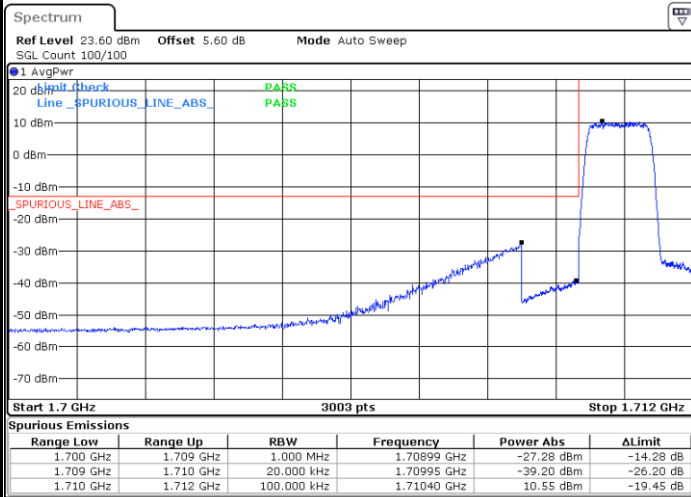
Date: 6.NOV.2023 21:17:19

Highest Band Edge / 1 RB



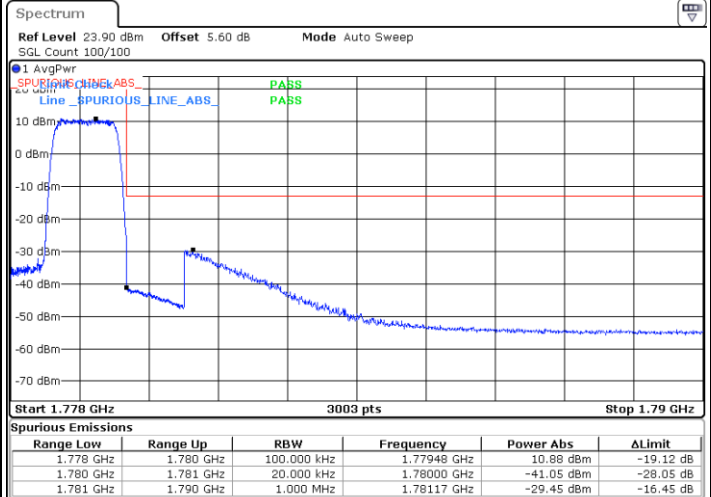
Date: 6.NOV.2023 21:41:13

Lowest Band Edge / Full RB



Date: 6.NOV.2023 21:22:19

Highest Band Edge / Full RB

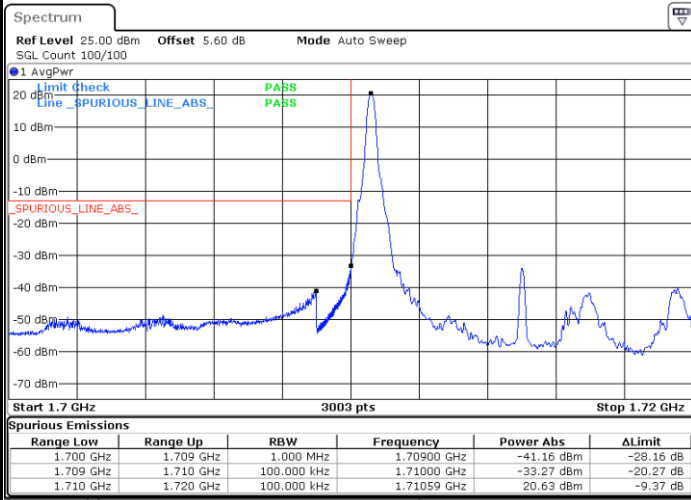


Date: 6.NOV.2023 21:34:36



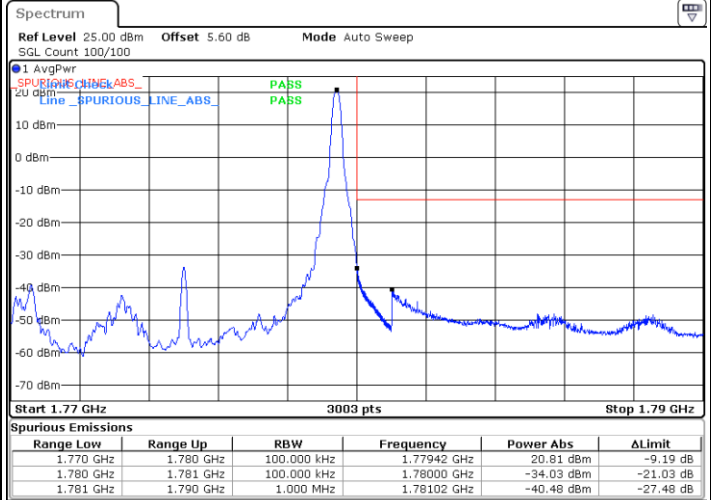
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



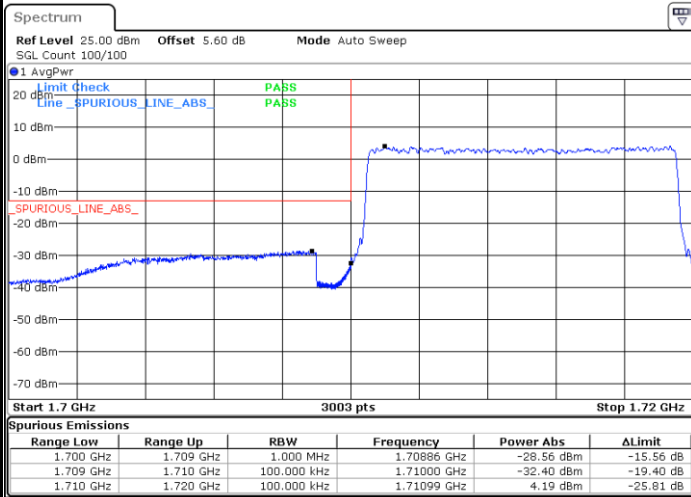
Date: 6.NOV.2023 22:03:29

Highest Band Edge / 1 RB



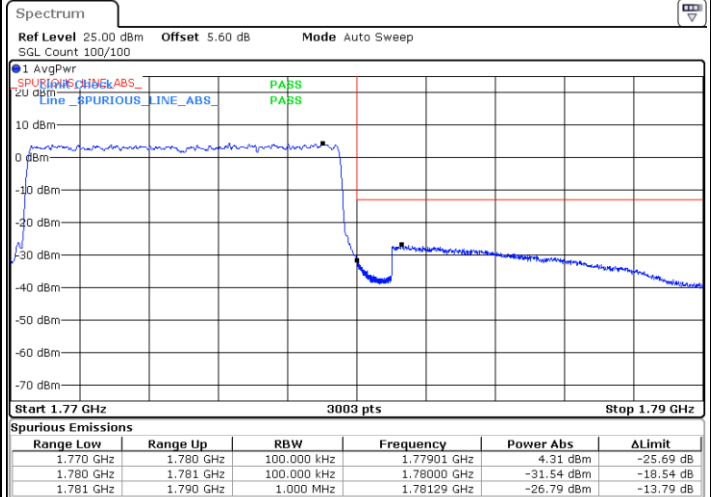
Date: 6.NOV.2023 22:56:11

Lowest Band Edge / Full RB



Date: 6.NOV.2023 22:11:27

Highest Band Edge / Full RB

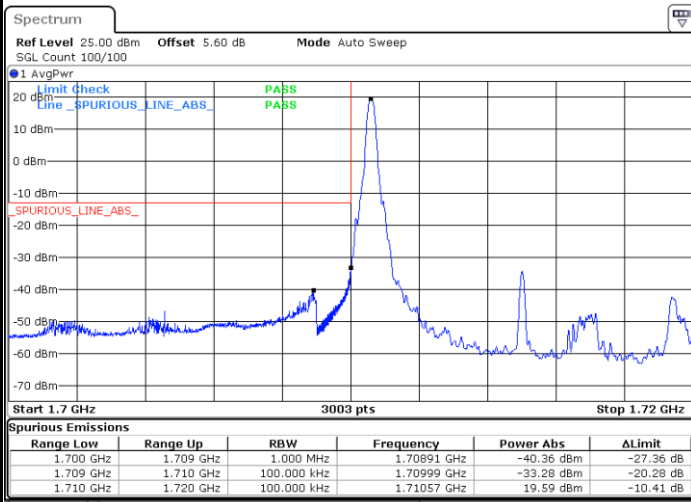


Date: 6.NOV.2023 22:39:47



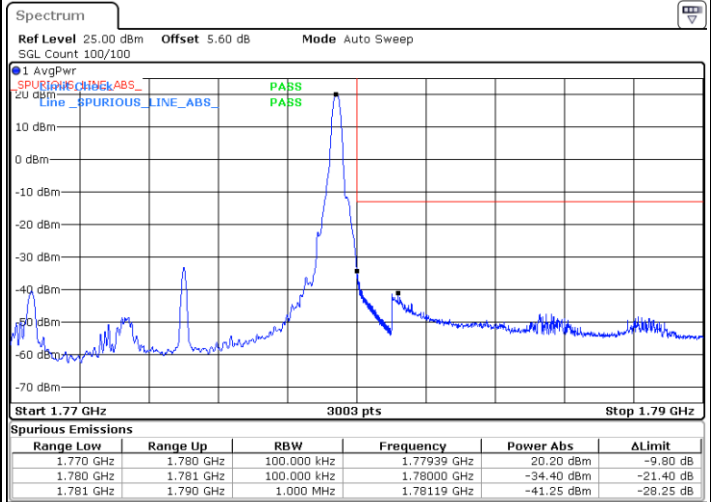
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



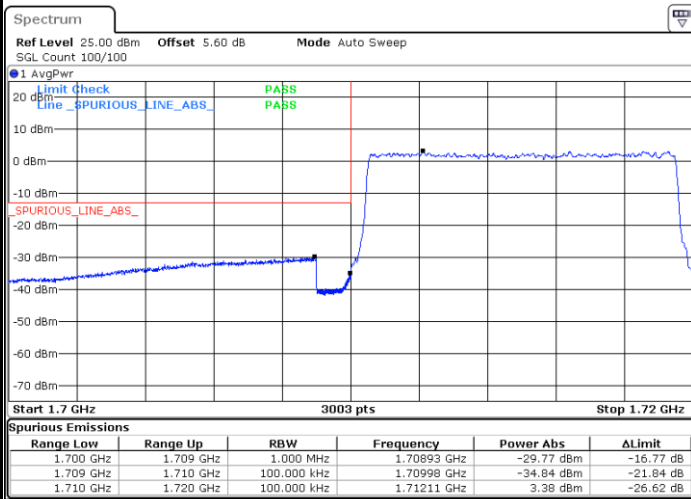
Date: 6.NOV.2023 22:03:55

Highest Band Edge / 1 RB



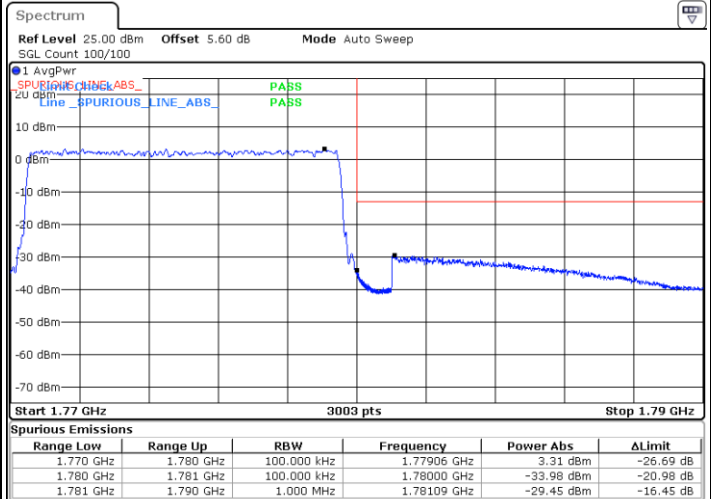
Date: 6.NOV.2023 22:51:27

Lowest Band Edge / Full RB



Date: 6.NOV.2023 22:10:27

Highest Band Edge / Full RB

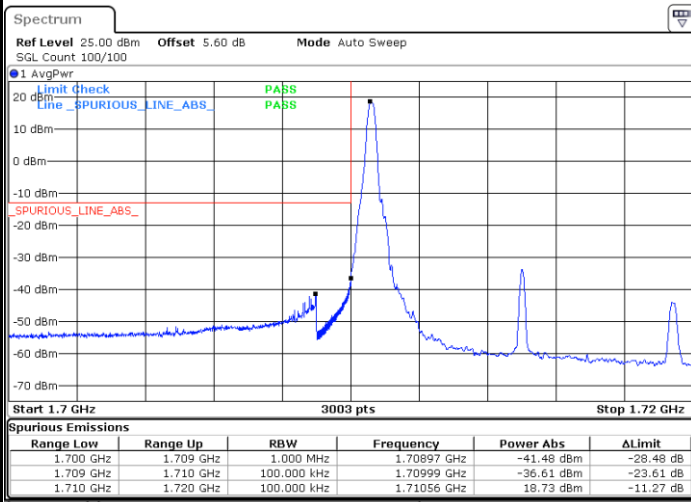


Date: 6.NOV.2023 22:40:57



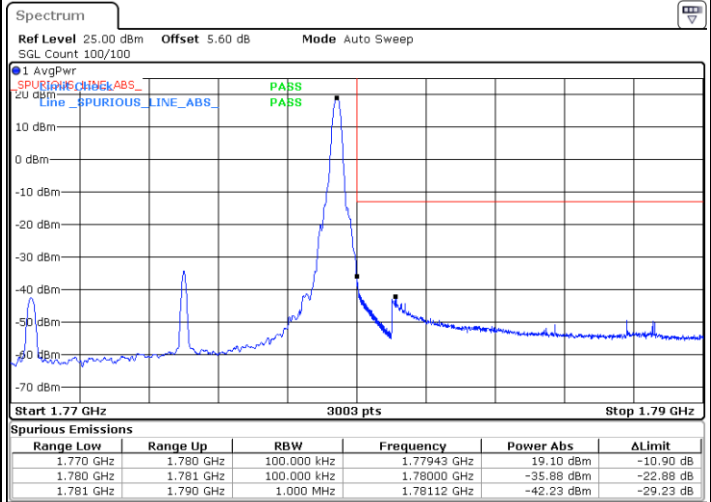
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



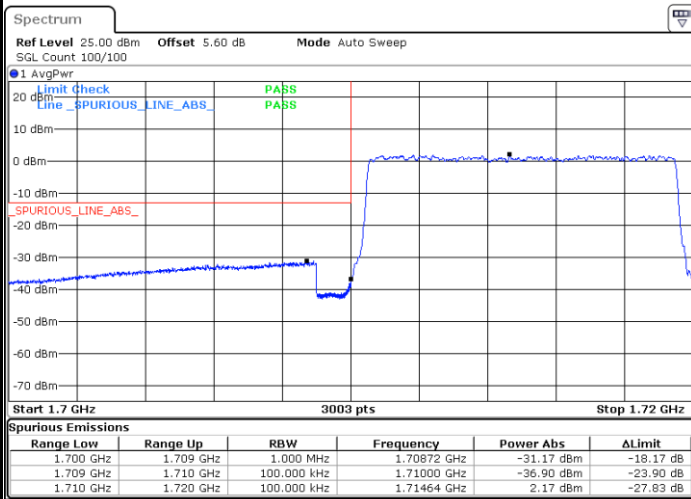
Date: 6.NOV.2023 22:05:53

Highest Band Edge / 1 RB



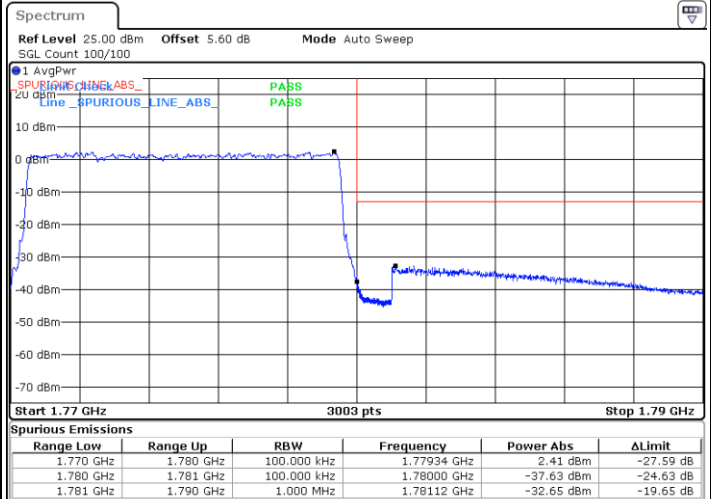
Date: 6.NOV.2023 22:50:28

Lowest Band Edge / Full RB



Date: 6.NOV.2023 22:08:29

Highest Band Edge / Full RB

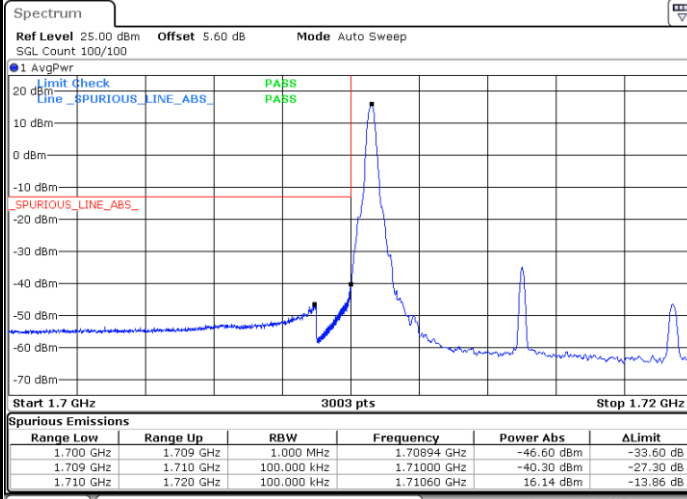


Date: 6.NOV.2023 22:44:40



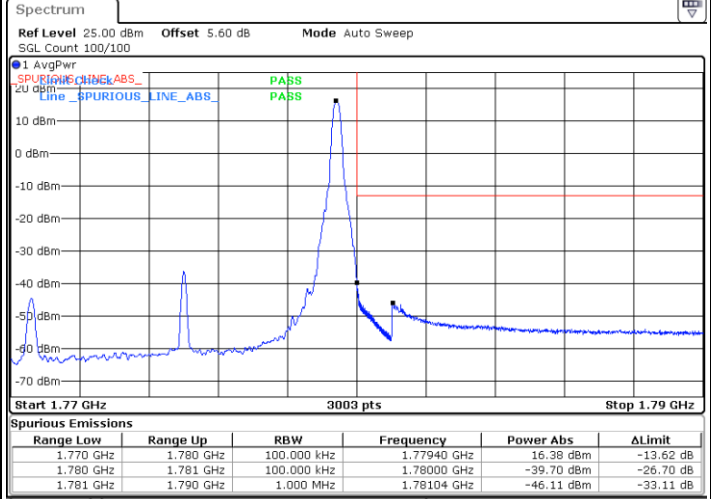
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



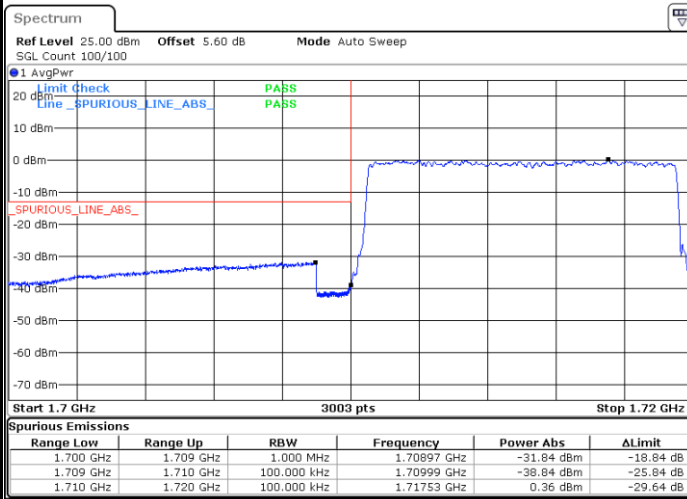
Date: 6.NOV.2023 22:05:27

Highest Band Edge / 1 RB



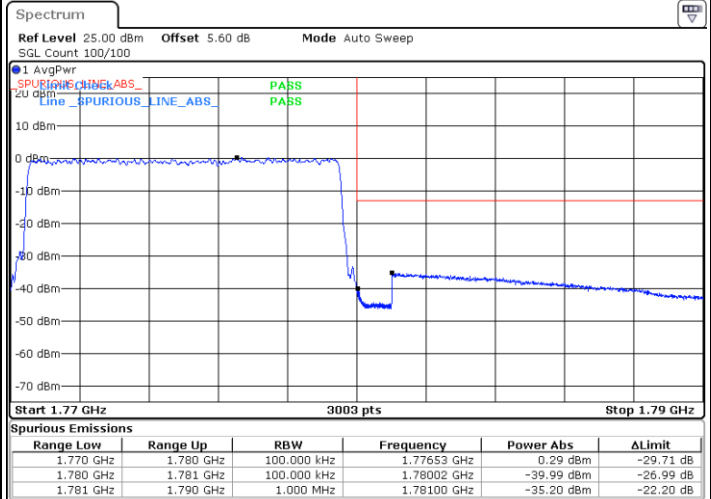
Date: 6.NOV.2023 22:46:02

Lowest Band Edge / Full RB



Date: 6.NOV.2023 22:07:36

Highest Band Edge / Full RB

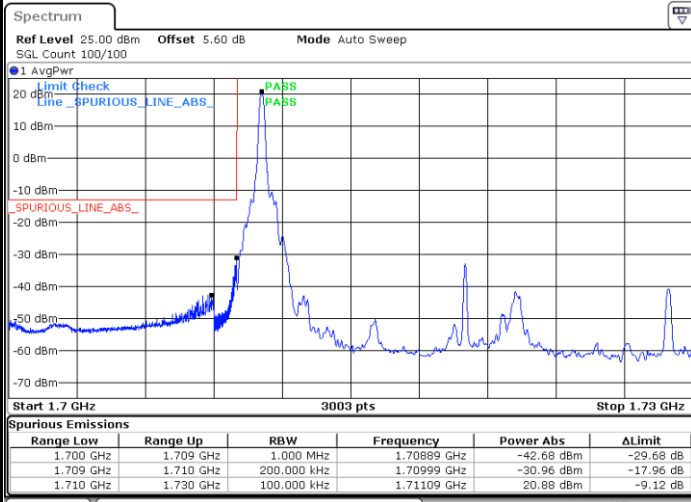


Date: 6.NOV.2023 22:43:31



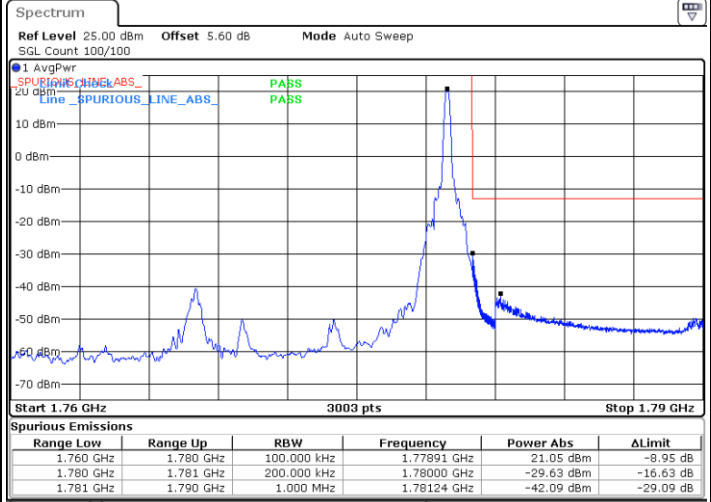
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



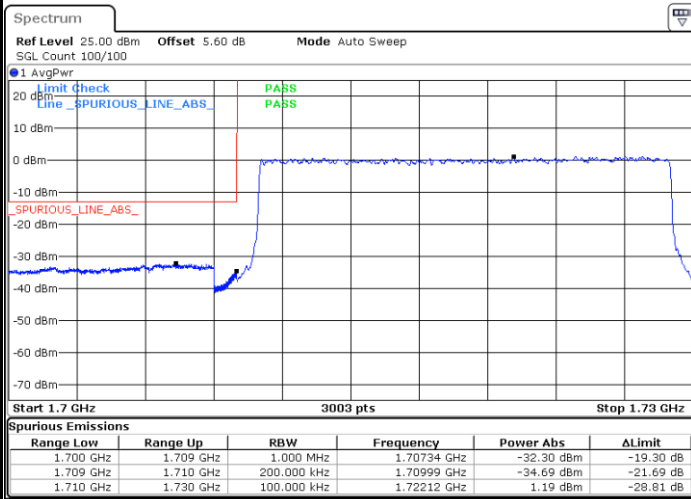
Date: 7.NOV.2023 00:08:27

Highest Band Edge / 1 RB



Date: 7.NOV.2023 00:14:39

Lowest Band Edge / Full RB



Date: 6.NOV.2023 23:59:27

Highest Band Edge / Full RB

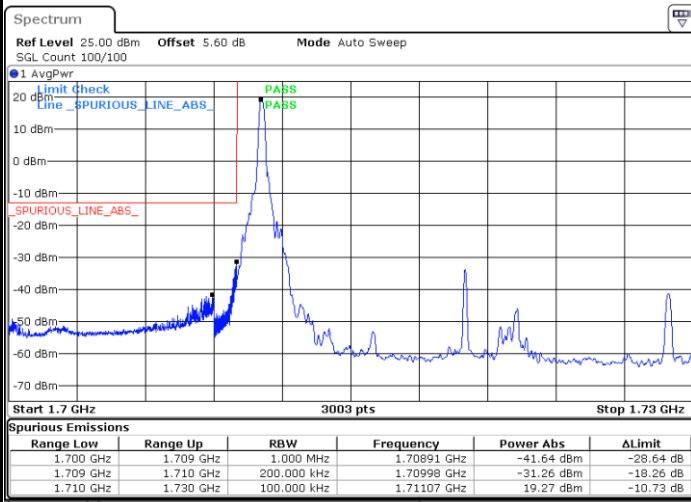


Date: 7.NOV.2023 00:25:13



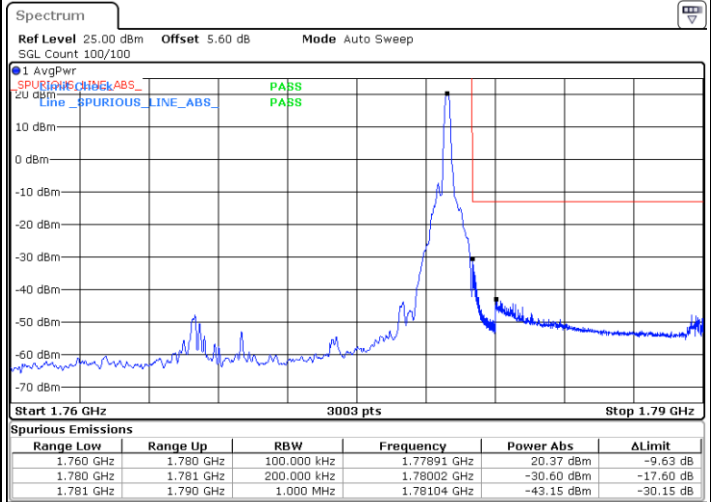
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



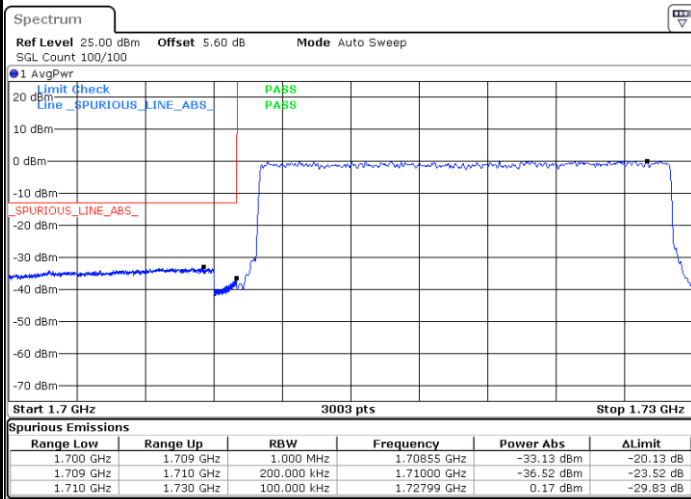
Date: 7.NOV.2023 00:07:41

Highest Band Edge / 1 RB



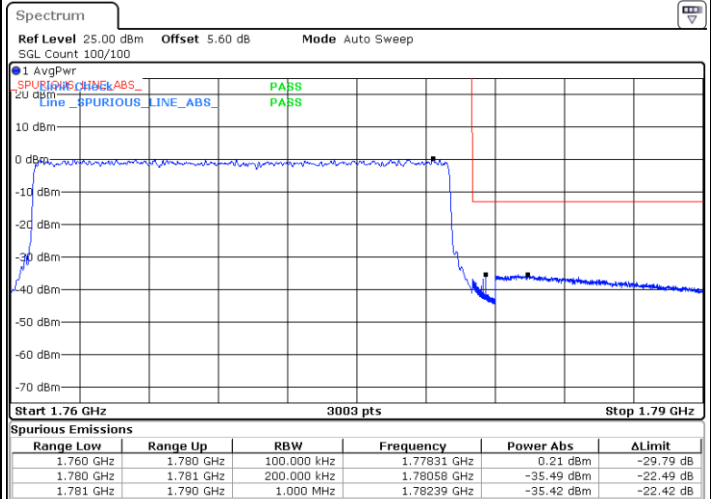
Date: 7.NOV.2023 00:16:56

Lowest Band Edge / Full RB



Date: 7.NOV.2023 00:00:58

Highest Band Edge / Full RB

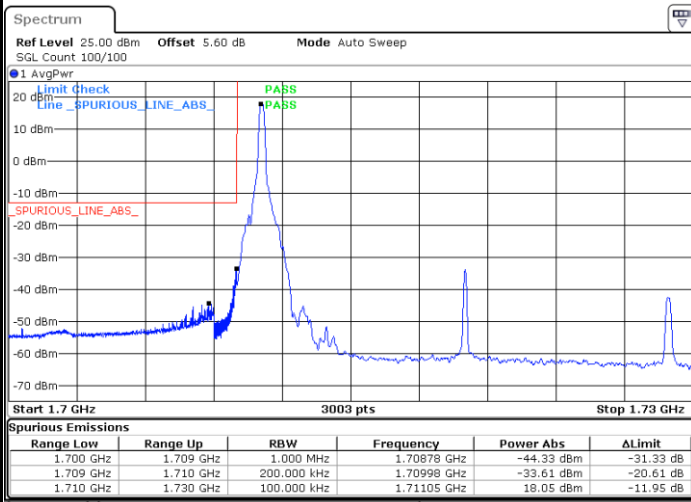


Date: 7.NOV.2023 00:24:51



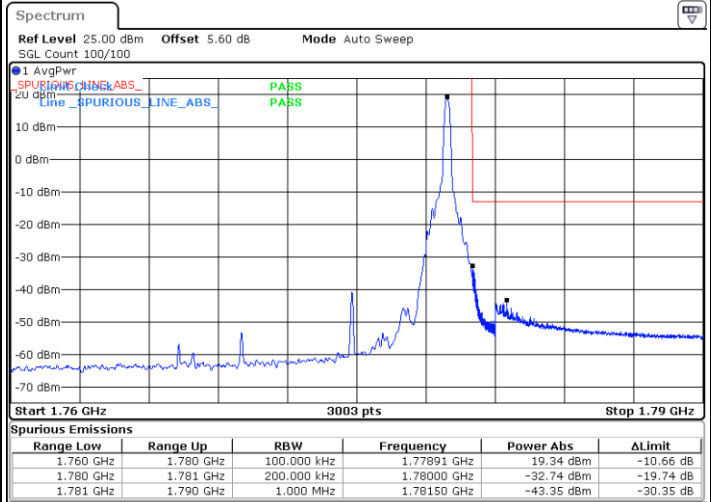
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



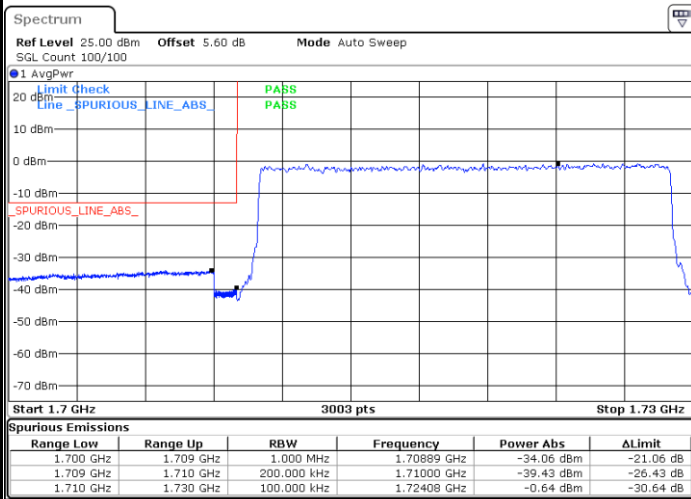
Date: 7.NOV.2023 00:05:50

Highest Band Edge / 1 RB



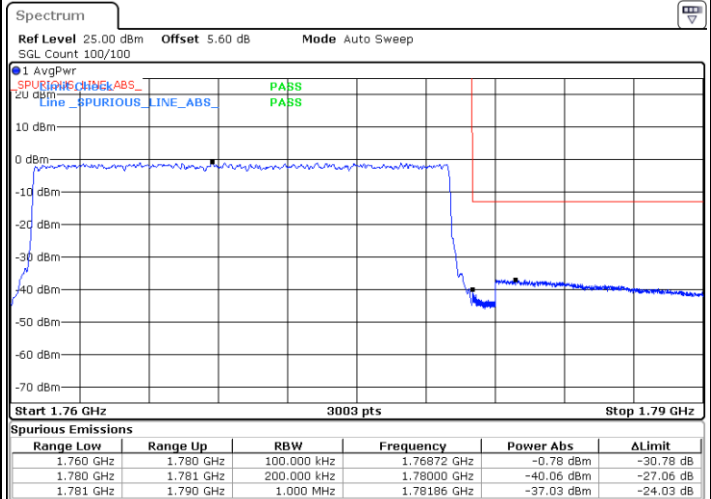
Date: 7.NOV.2023 00:20:10

Lowest Band Edge / Full RB



Date: 7.NOV.2023 00:02:25

Highest Band Edge / Full RB

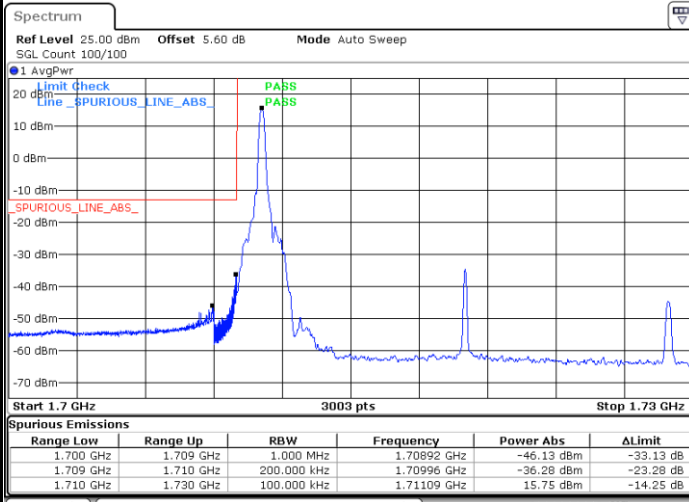


Date: 7.NOV.2023 00:23:41



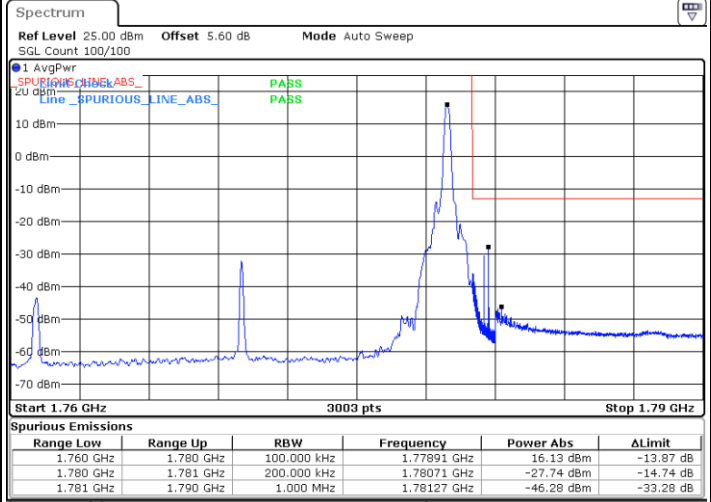
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



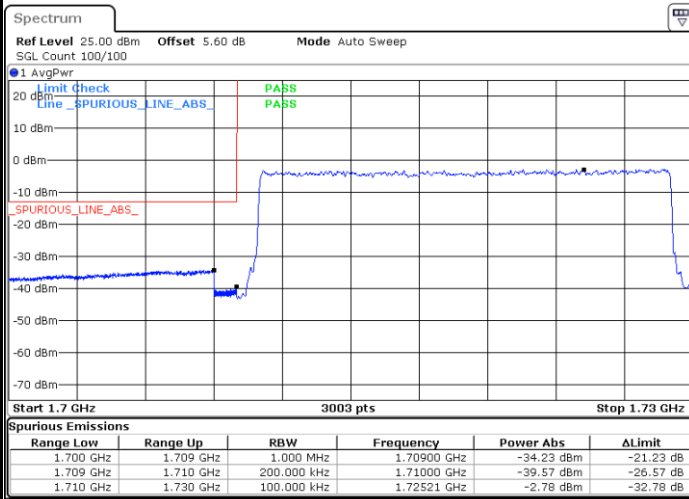
Date: 7.NOV.2023 00:04:38

Highest Band Edge / 1 RB



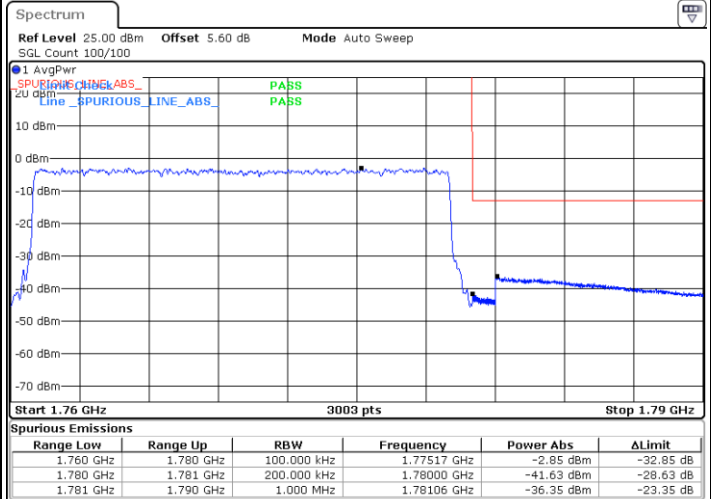
Date: 7.NOV.2023 00:19:03

Lowest Band Edge / Full RB



Date: 7.NOV.2023 00:01:51

Highest Band Edge / Full RB



Date: 7.NOV.2023 00:22:11

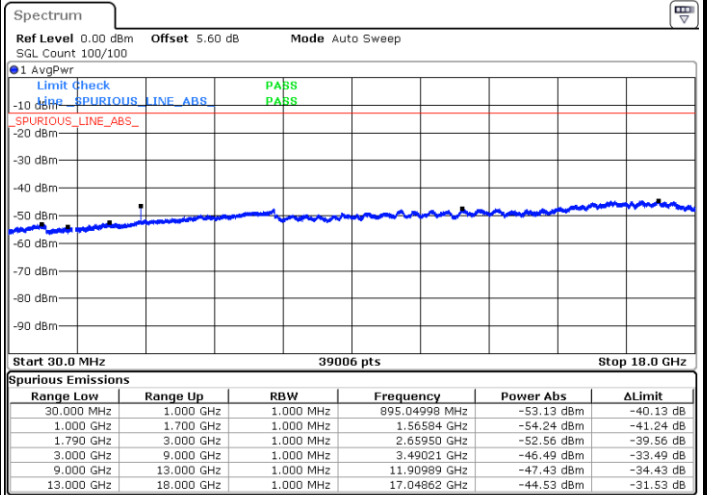
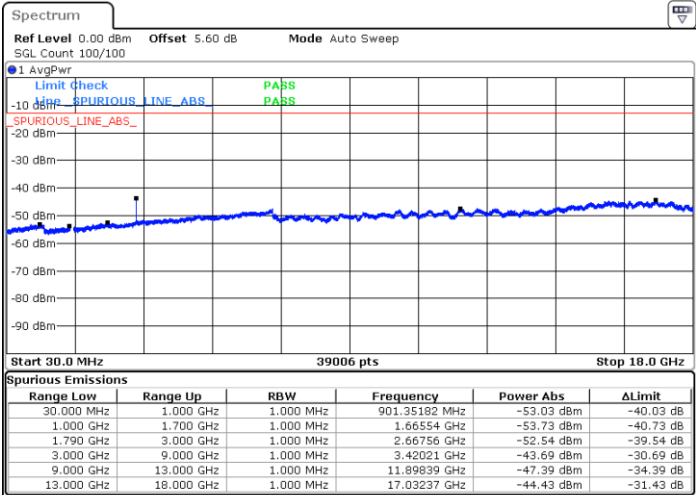


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

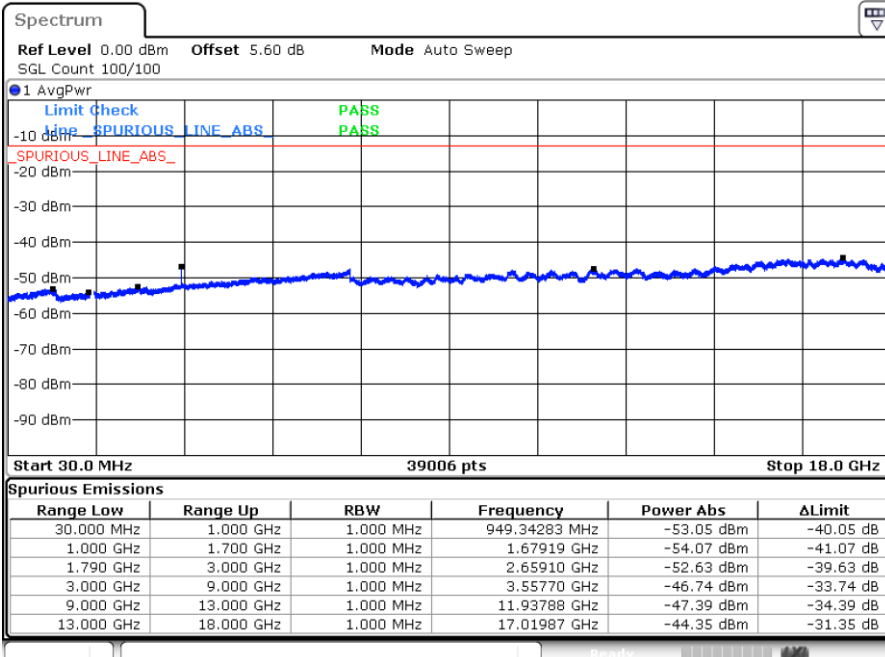
Middle Channel / QPSK



Date: 6.NOV.2023 21:12:06

Date: 6.NOV.2023 21:51:08

Highest Channel / QPSK



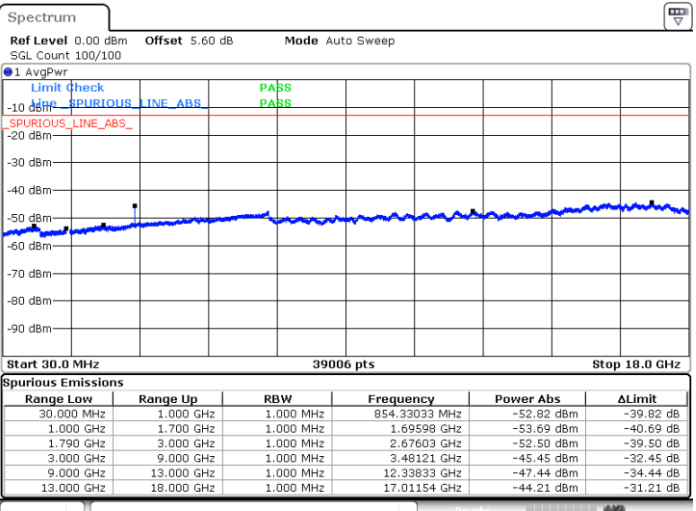
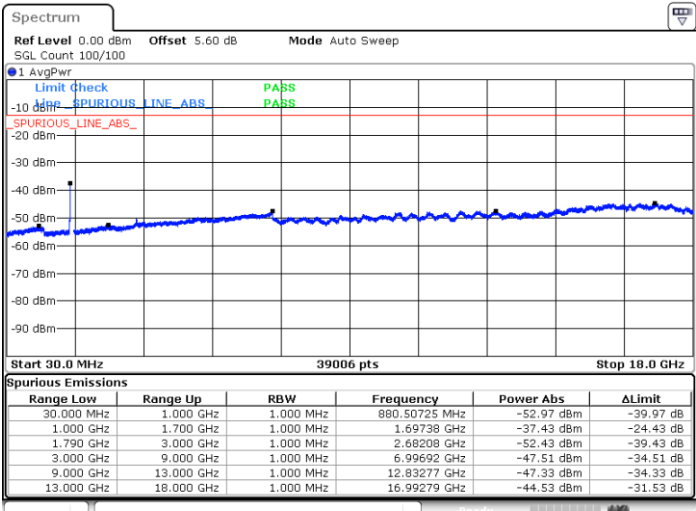
Date: 6.NOV.2023 21:47:30



LTE Band 66 / 10MHz

Lowest Channel / QPSK

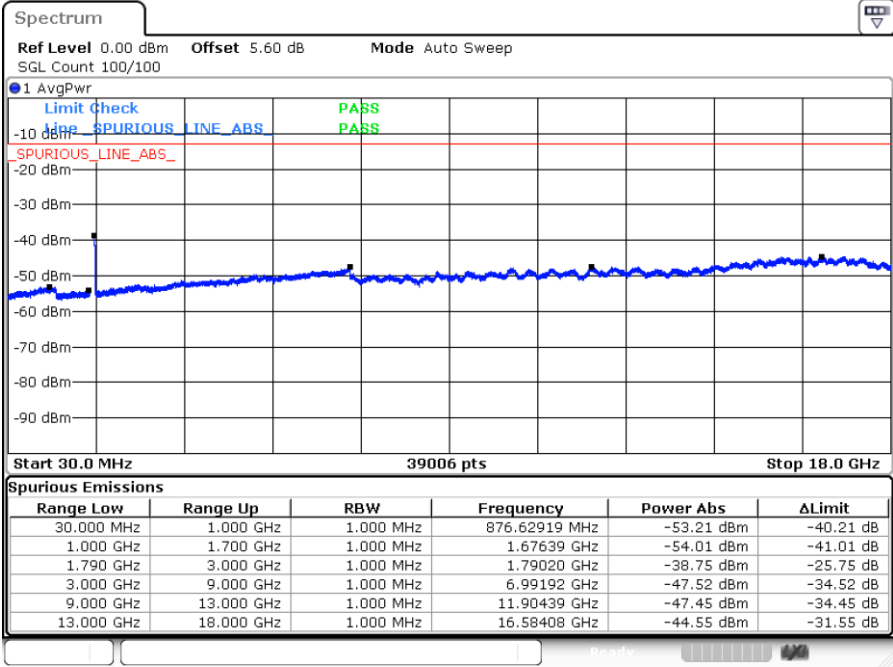
Middle Channel / QPSK



Date: 6.NOV.2023 22:15:27

Date: 6.NOV.2023 22:03:00

Highest Channel / QPSK



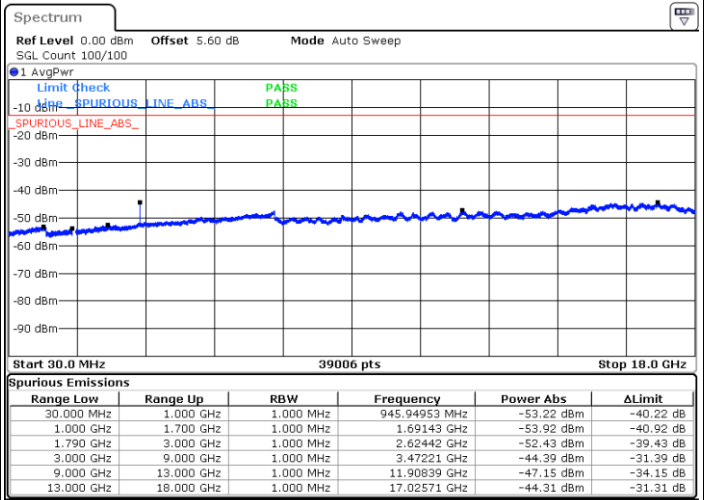
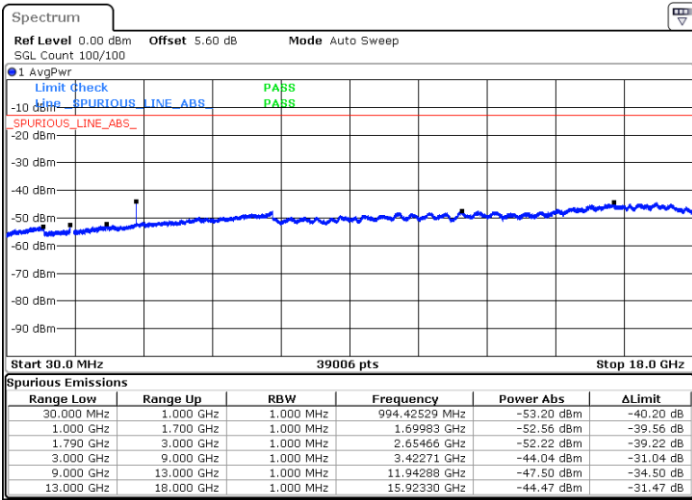
Date: 6.NOV.2023 22:38:37



LTE Band 66 / 20MHz

Lowest Channel / QPSK

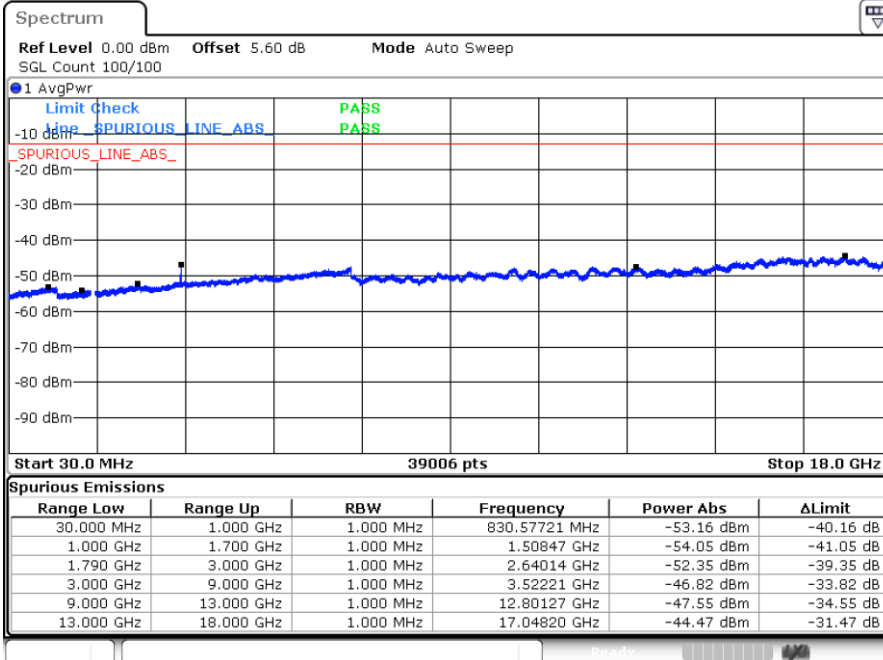
Middle Channel / QPSK



Date: 7.NOV.2023 00:10:14

Date: 6.NOV.2023 23:52:38

Highest Channel / QPSK



Date: 7.NOV.2023 00:12:22



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 | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0025 | |
| 30 | Normal Voltage | 0.0003 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0034 | |
| 0 | Normal Voltage | 0.0005 | |
| -10 | Normal Voltage | 0.0002 | |
| -20 | Normal Voltage | 0.0020 | |
| -30 | Normal Voltage | 0.0005 | |
| 20 | Maximum Voltage | 0.0029 | |
| 20 | Normal Voltage | 0.0006 | |
| 20 | Minimum Voltage | 0.0007 | |

Note:

1. Normal Voltage =3.91 V. ; Minimum Voltage =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_5B

26dB Bandwidth

| Mode | LTE Band 5B : 26dB BW(MHz) | |
|-----------|----------------------------|-------|
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 19.74 | 19.74 |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+5MHz | |
| Middle CH | 14.69 | 14.60 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+10MHz | |
| Middle CH | 14.54 | 14.57 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+3MHz | |
| Middle CH | 8.17 | 8.23 |
| Mod. | QPSK | 16QAM |
| BW | 3MHz+5MHz | |
| Middle CH | 9.00 | 9.61 |



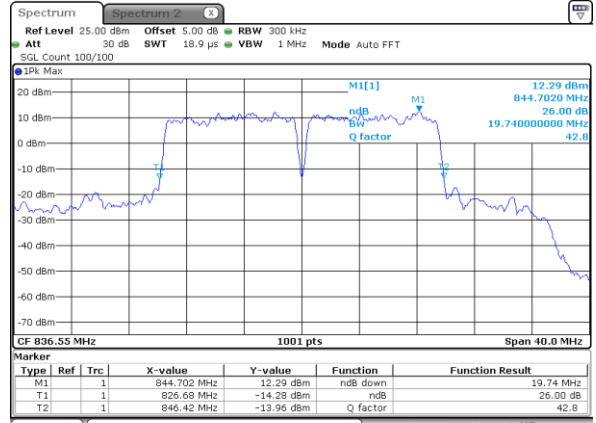
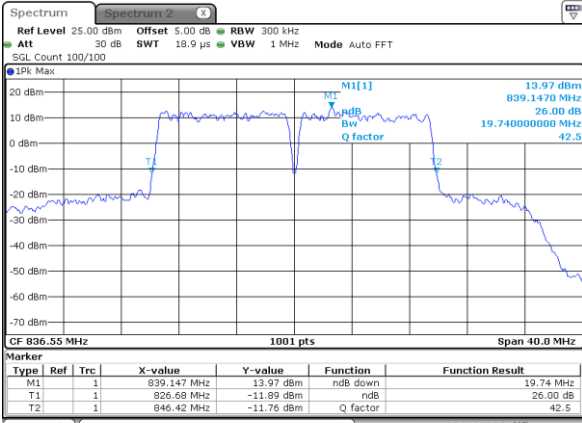
LTE Band 5B

QPSK

16QAM

Middle Channel / 10MHz+10MHz / QPSK

Middle Channel / 10MHz+10MHz /16QAM

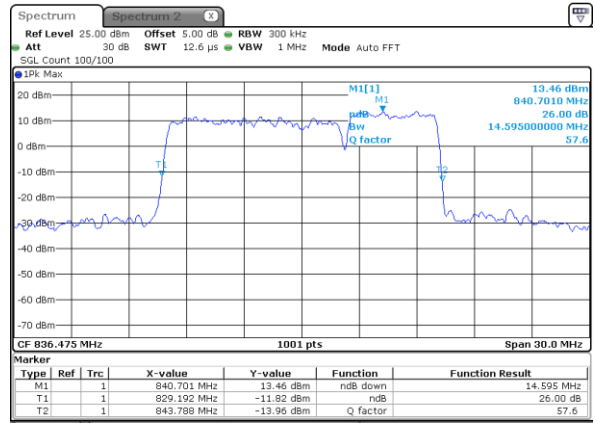
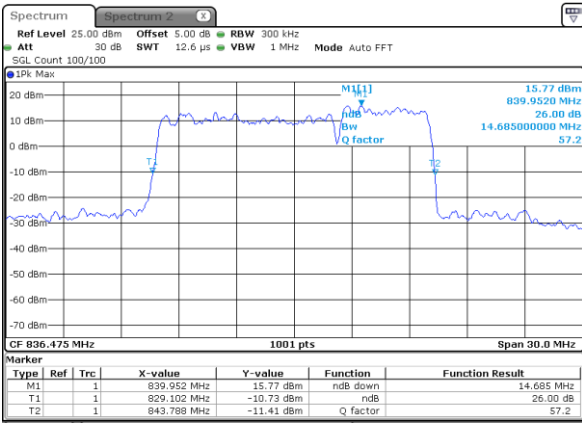


Date: 23.OCT.2023 20:51:38

Date: 23.OCT.2023 20:44:00

Middle Channel / 10MHz+5MHz / QPSK

Middle Channel / 10MHz+5MHz /16QAM

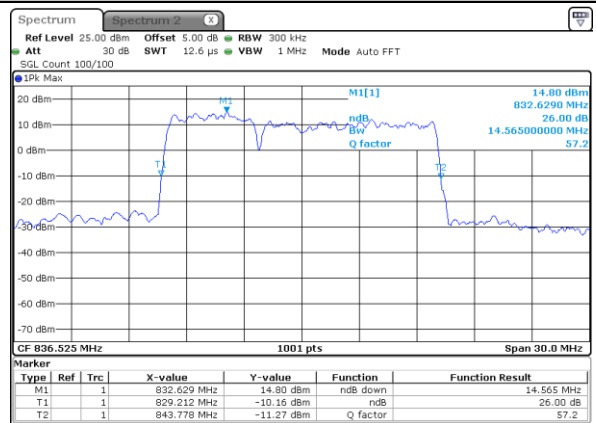
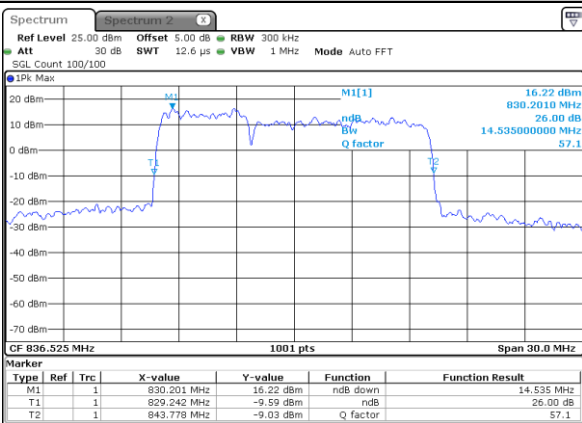


Date: 23.OCT.2023 20:37:00

Date: 23.OCT.2023 20:37:27

Middle Channel / 5MHz+10MHz / QPSK

Middle Channel / 5MHz+10MHz /16QAM

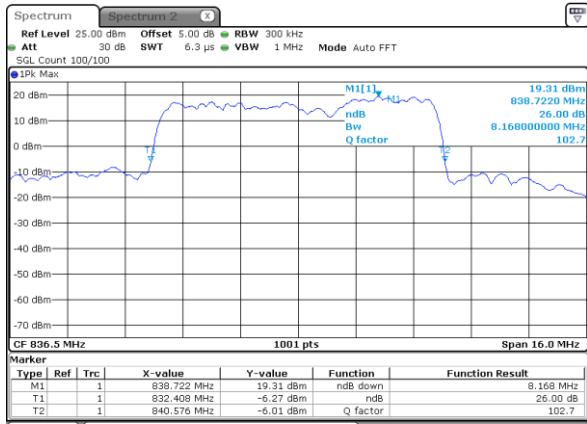


Date: 23.OCT.2023 20:29:23

Date: 23.OCT.2023 20:29:50

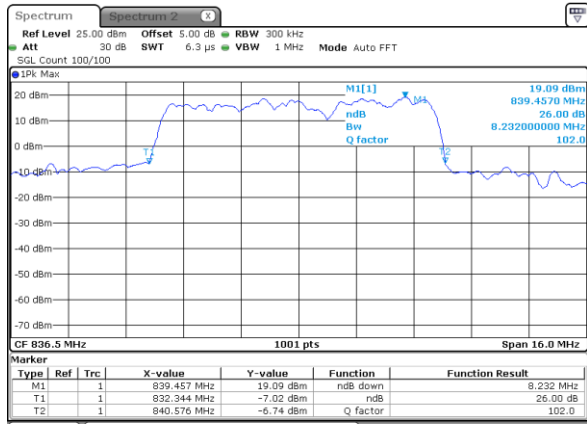


Middle Channel /5MHz+3MHz / QPSK



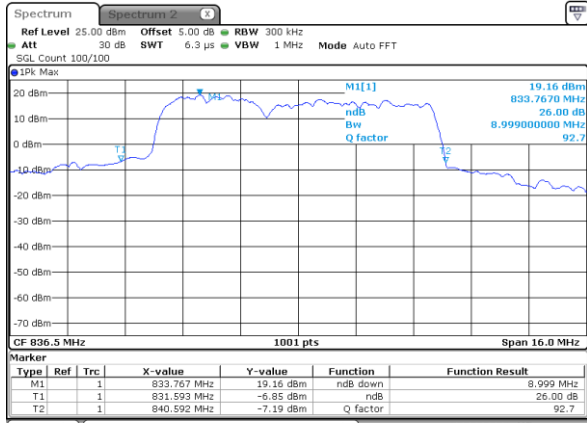
Date: 23.OCT.2023 20:22:49

Middle Channel / 5MHz+3MHz /16QAM



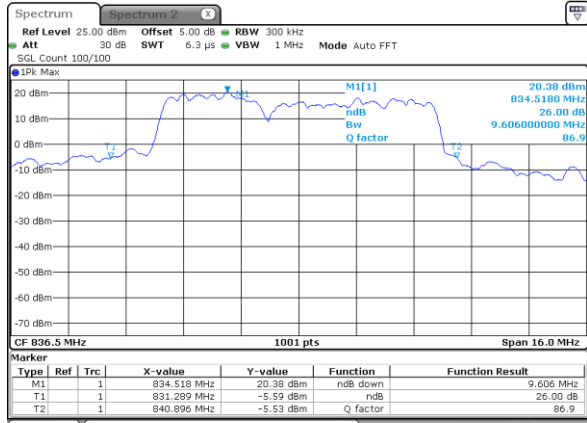
Date: 23.OCT.2023 20:23:17

Middle Channel / 3MHz+5MHz / QPSK



Date: 23.OCT.2023 20:15:55

Middle Channel / 3MHz+5MHz /16QAM



Date: 23.OCT.2023 20:15:27



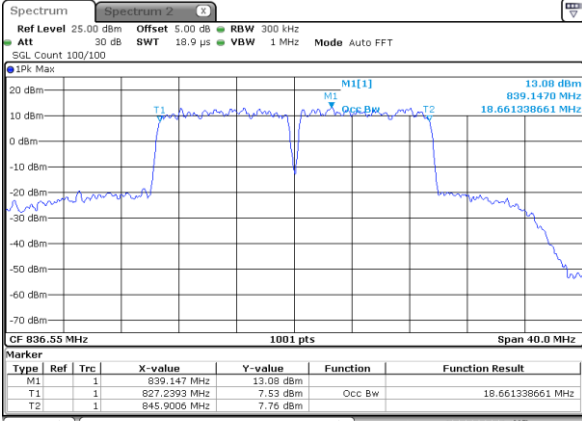
Occupied Bandwidth

| Mode | LTE Band 5B : 99%OBW(MHz) | |
|-----------|---------------------------|-------|
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 18.66 | 18.74 |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+5MHz | |
| Middle CH | 13.94 | 13.94 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+10MHz | |
| Middle CH | 13.97 | 13.91 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+3MHz | |
| Middle CH | 7.61 | 7.62 |
| Mod. | QPSK | 16QAM |
| BW | 3MHz+5MHz | |
| Middle CH | 7.62 | 7.72 |



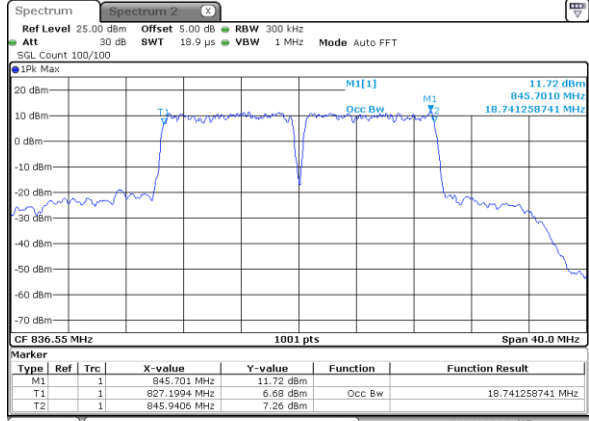
LTE Band 5B

Middle Channel / 10MHz+10MHz / QPSK



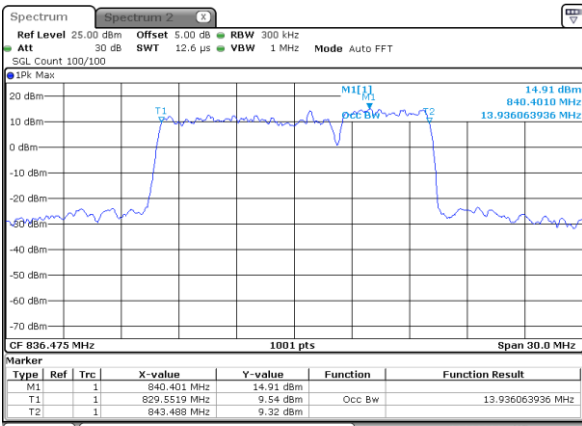
Date: 23_OCT_2023 20:43:05

Middle Channel / 10MHz+10MHz / 16QAM



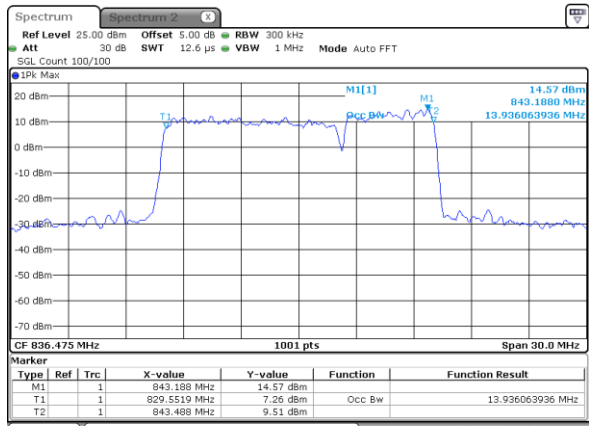
Date: 23_OCT_2023 20:43:33

Middle Channel / 10MHz+5MHz / QPSK



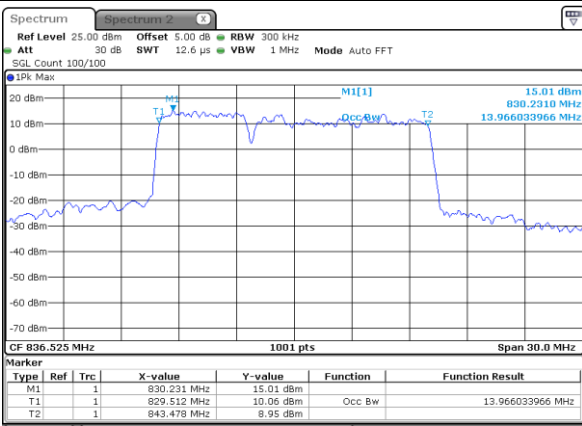
Date: 23_OCT_2023 20:36:32

Middle Channel / 10MHz+5MHz / 16QAM



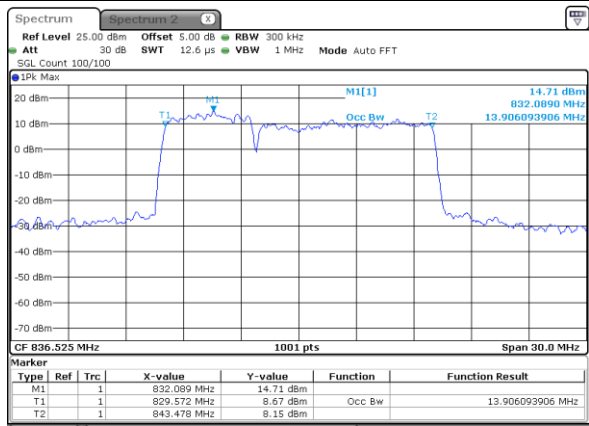
Date: 23_OCT_2023 20:37:55

Middle Channel / 5MHz+10MHz / QPSK



Date: 23_OCT_2023 20:29:55

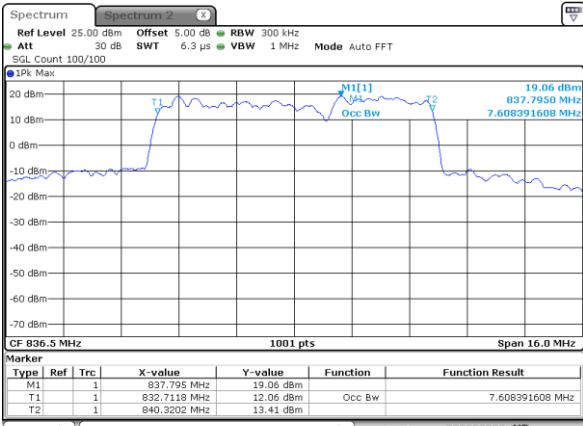
Middle Channel / 5MHz+10MHz / 16QAM



Date: 23_OCT_2023 20:30:19

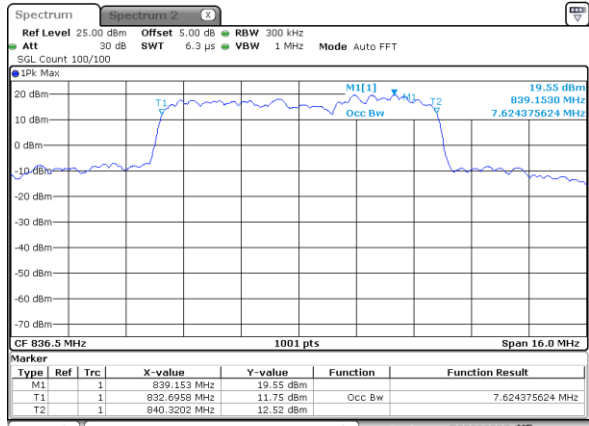


Middle Channel / 5MHz+3MHz / QPSK



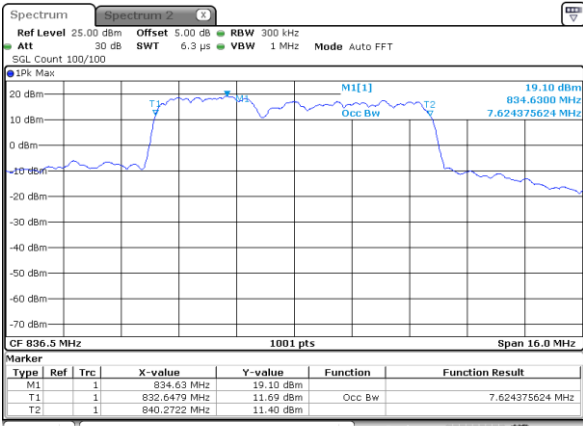
Date: 23.OCT.2023 20:22:22

Middle Channel / 5MHz+3MHz / 16QAM



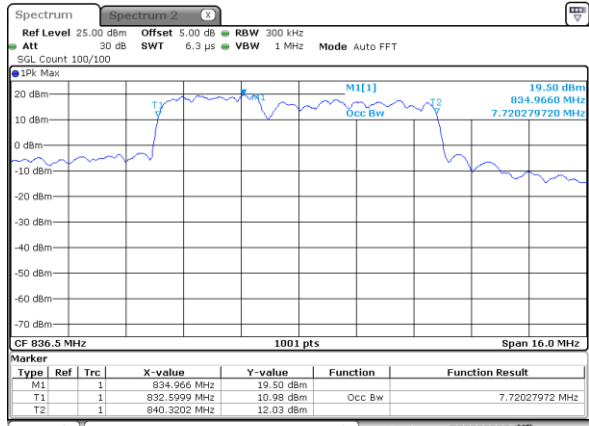
Date: 23.OCT.2023 20:23:44

Middle Channel / 3MHz+5MHz / QPSK



Date: 23.OCT.2023 20:14:32

Middle Channel / 3MHz+5MHz / 16QAM



Date: 23.OCT.2023 20:15:00

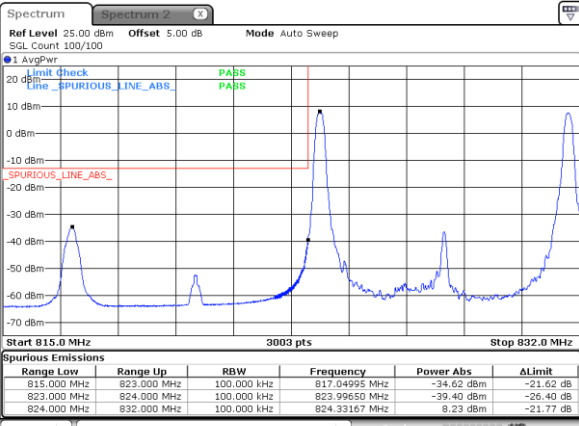


Conducted Band Edge

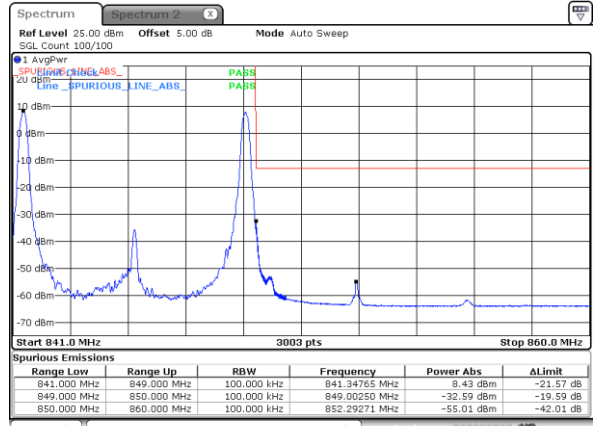
LTE Band 5B / 3MHz+5MHz

QPSK

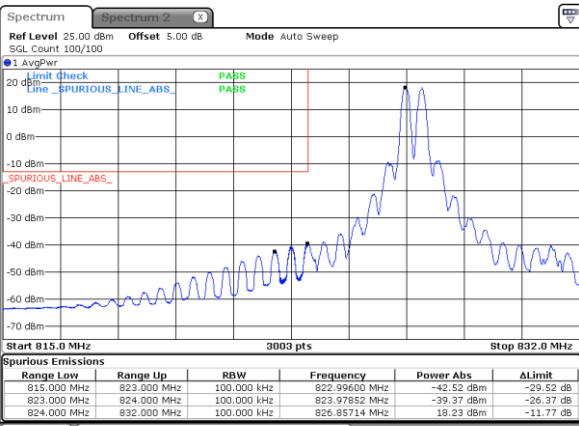
Lowest Band Edge / 1RB0 and 1RB24



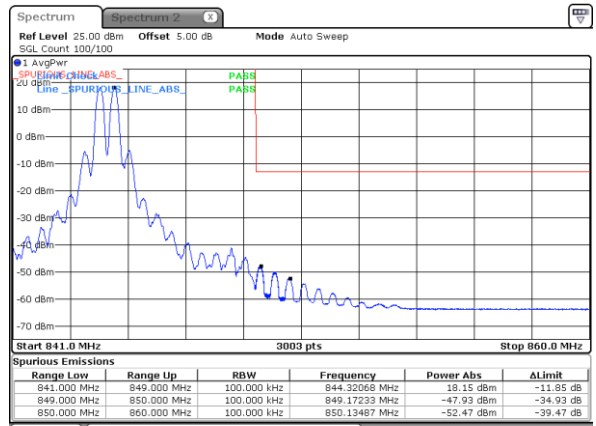
Highest Band Edge / 1RB0 and 1RB24



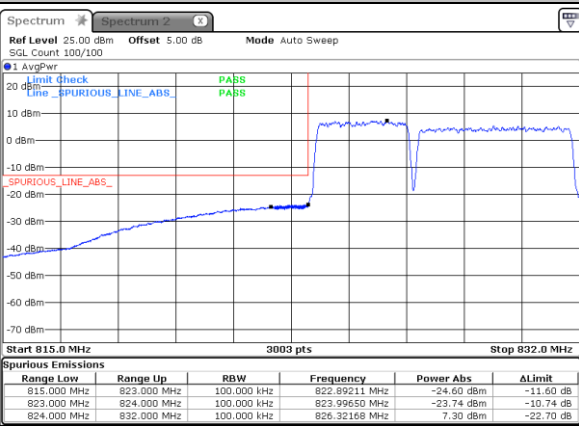
Lowest Band Edge / 1RB14 and 1RB0



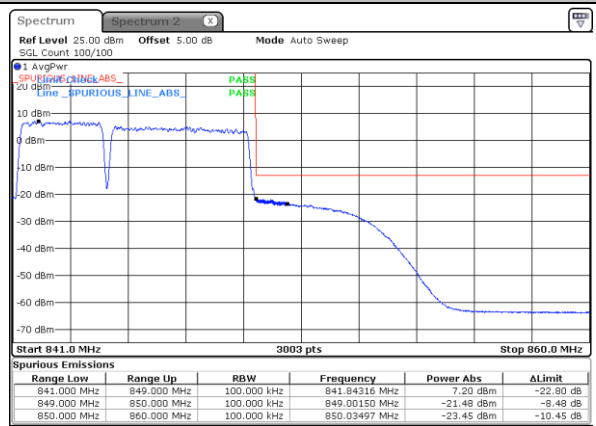
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



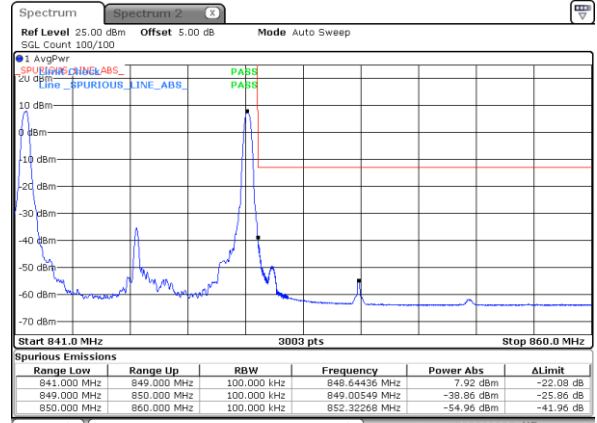
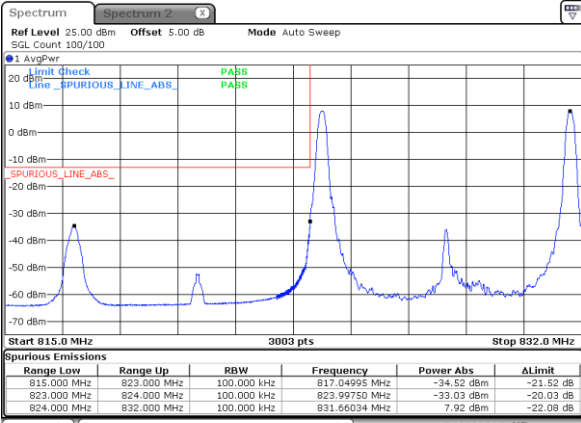


LTE Band 5B / 5MHz+3MHz

QPSK

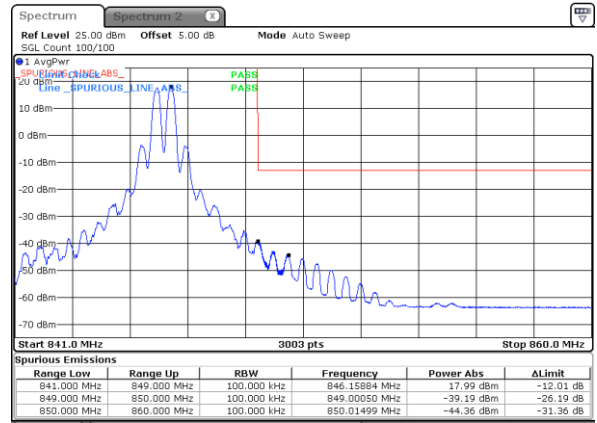
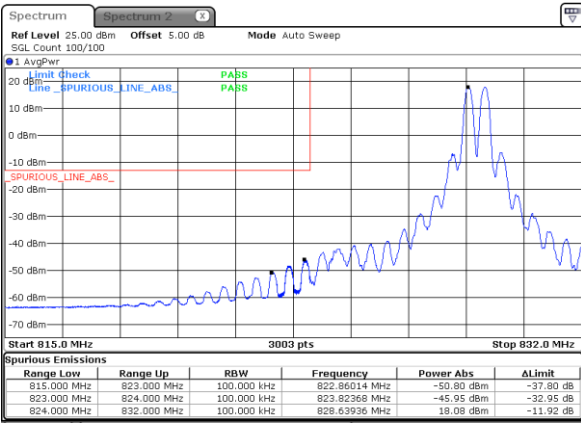
Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



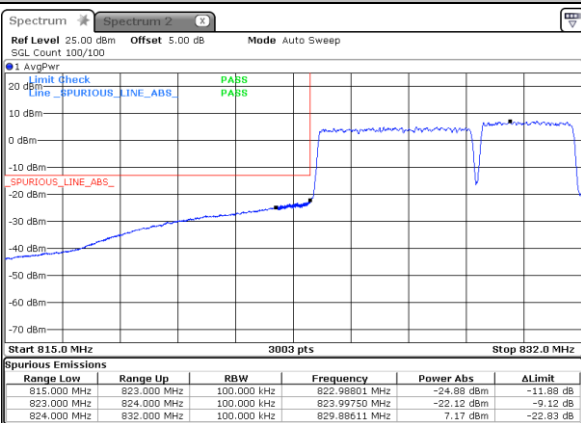
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



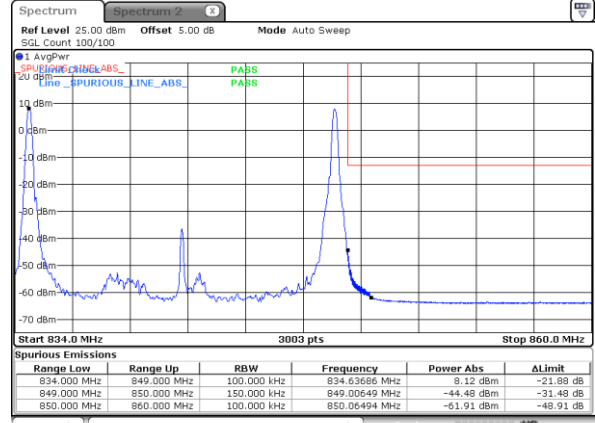
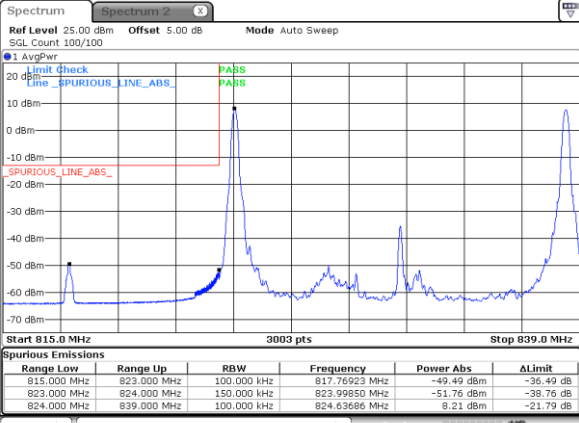


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

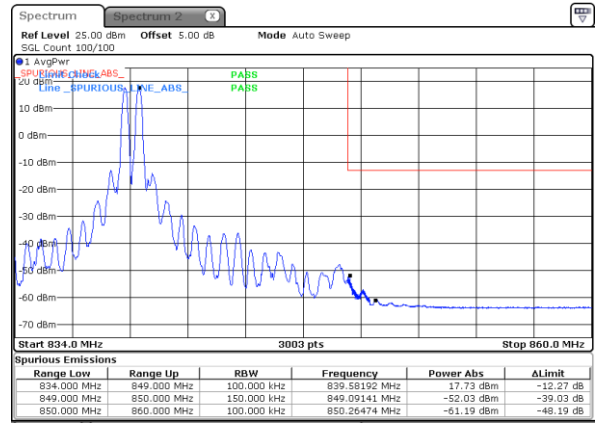
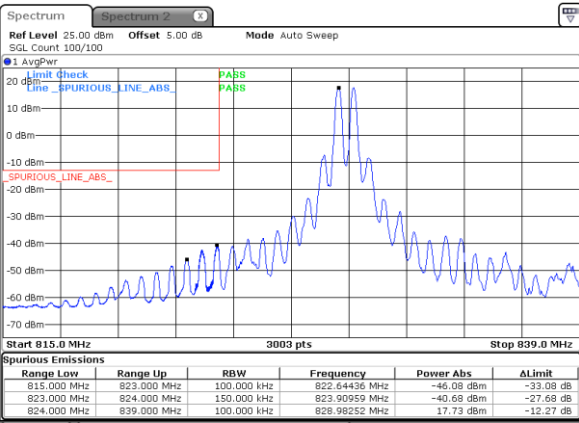


Date: 23.OCT.2023 17:47:42

Date: 23.OCT.2023 18:11:47

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

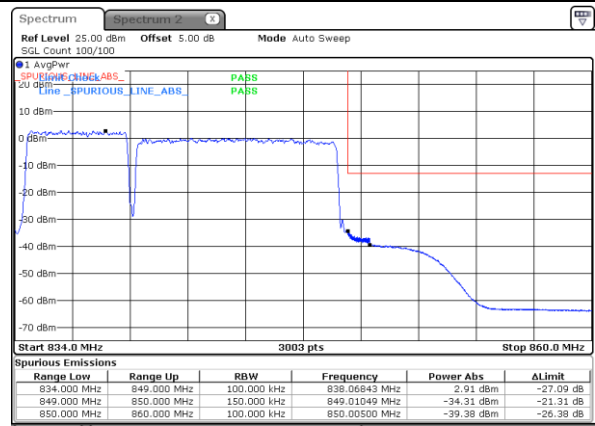
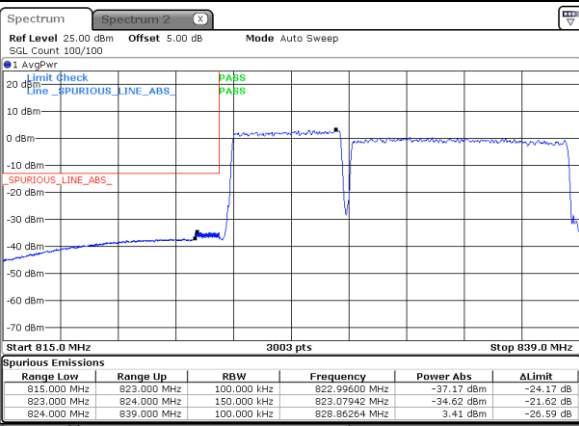


Date: 23.OCT.2023 17:55:45

Date: 23.OCT.2023 18:19:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 17:39:38

Date: 23.OCT.2023 18:03:52

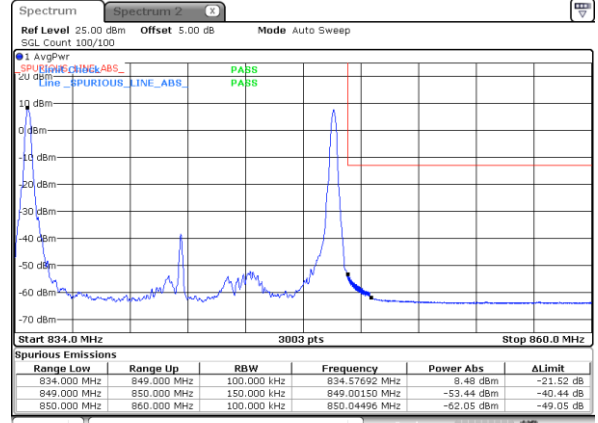
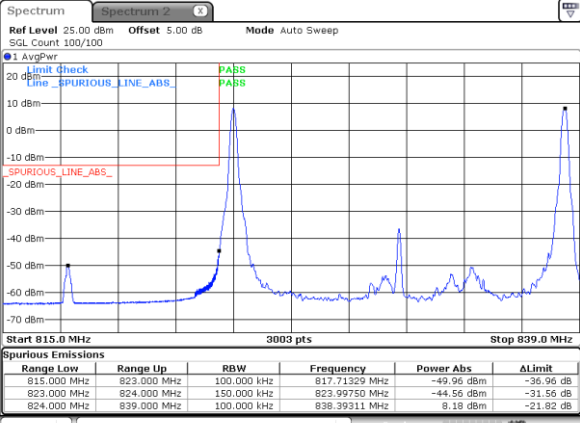


LTE Band 5B / 10MHz+5MHz

QPSK

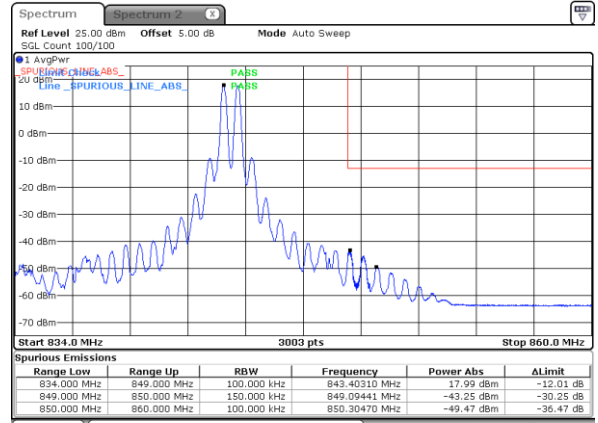
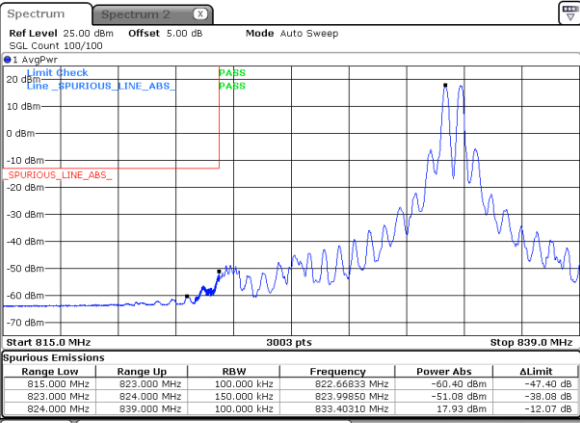
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



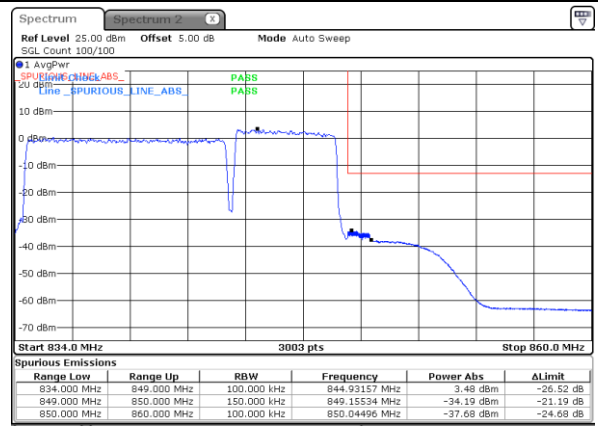
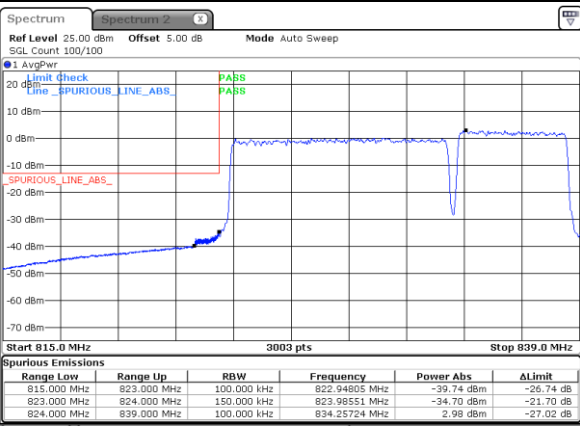
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



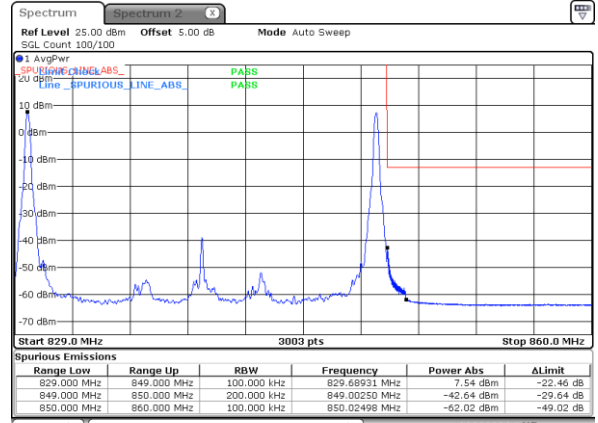
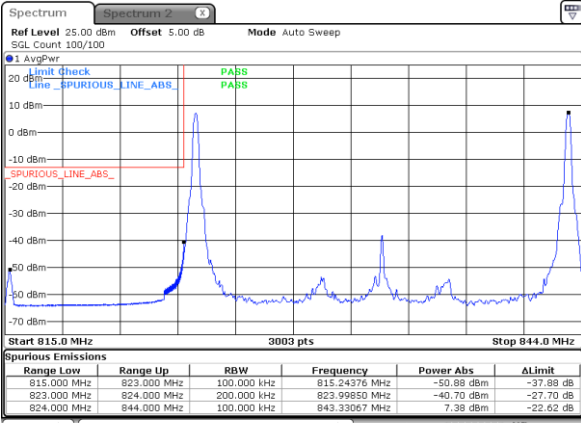


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

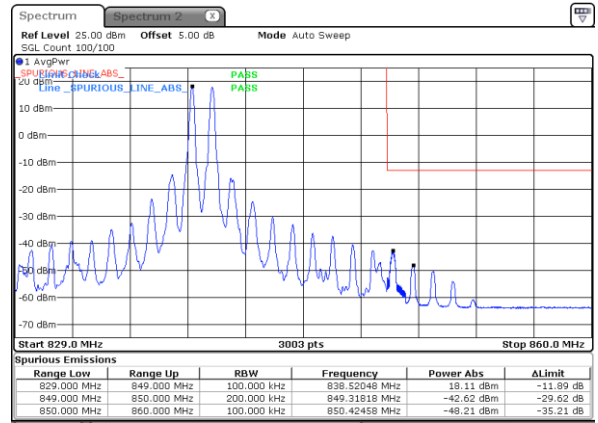
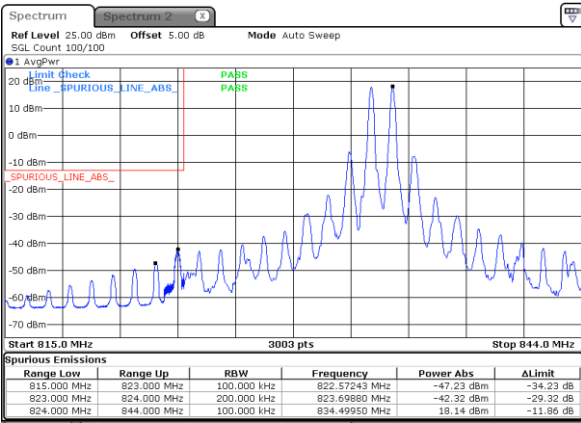


Date: 23.OCT.2023 19:27:08

Date: 23.OCT.2023 19:51:54

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

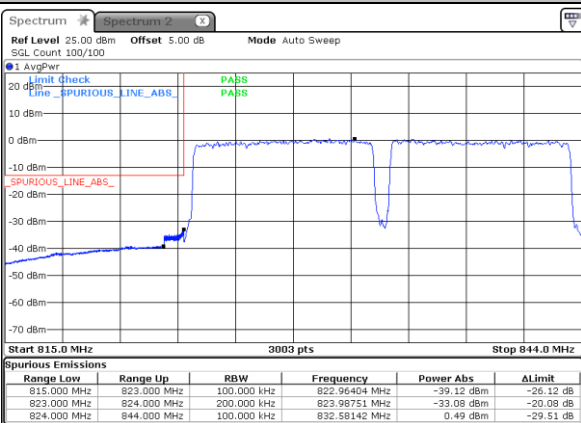


Date: 23.OCT.2023 19:35:11

Date: 23.OCT.2023 19:59:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 19:19:06

Date: 23.OCT.2023 19:44:01

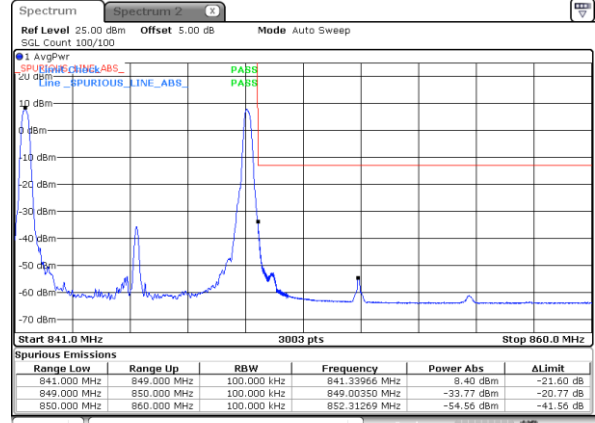
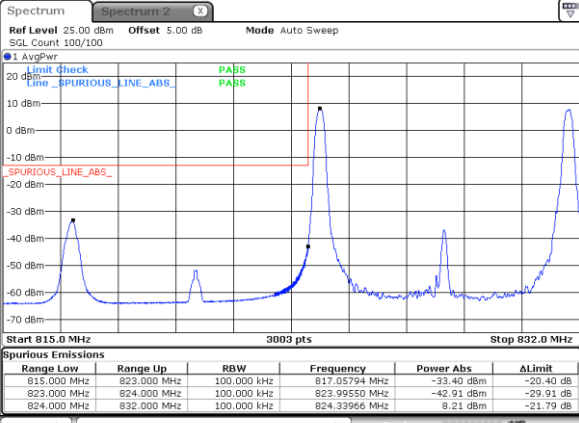


LTE Band 5B / 3MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

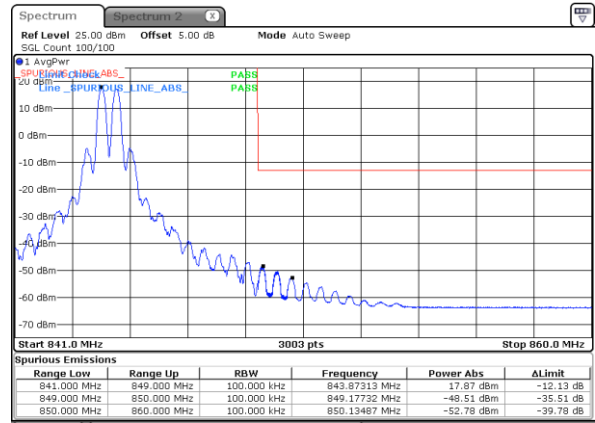
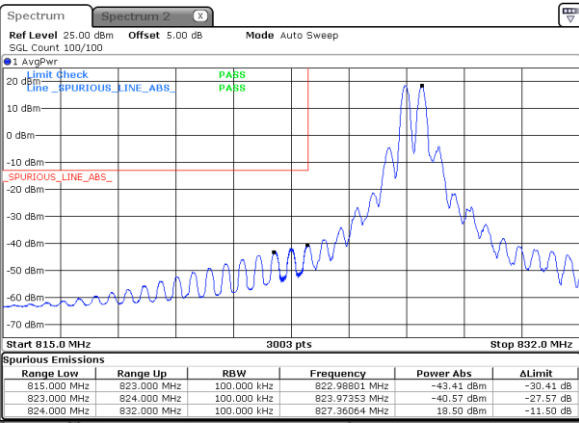


Date: 23.OCT.2023 15:47:36

Date: 23.OCT.2023 16:33:33

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

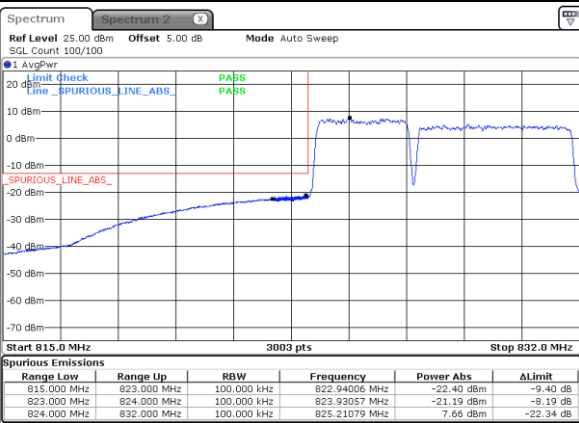


Date: 23.OCT.2023 15:55:40

Date: 23.OCT.2023 16:41:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 15:39:31

Date: 23.OCT.2023 16:25:36

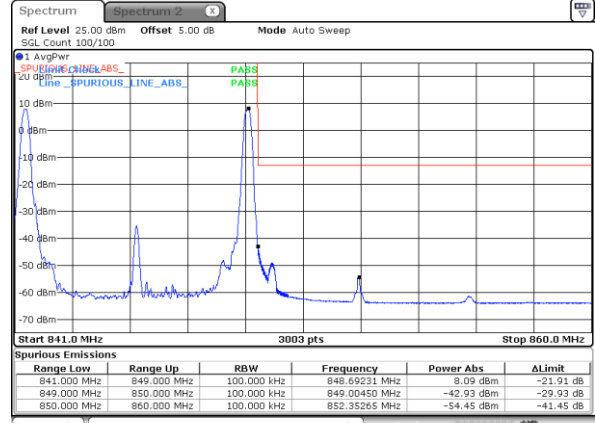
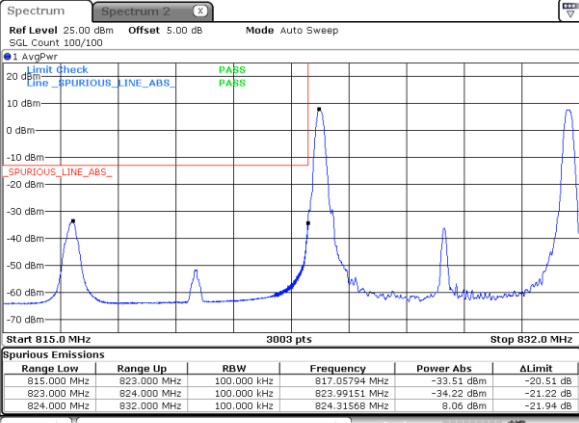


LTE Band 5B / 5MHz+3MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

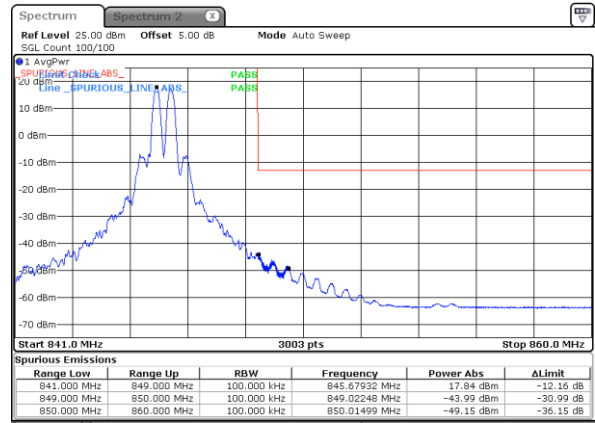
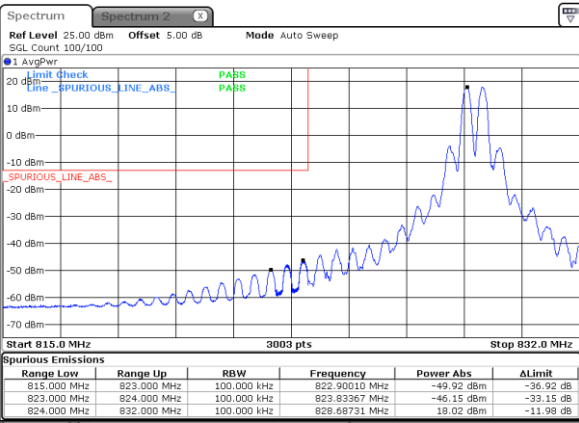


Date: 23.OCT.2023 16:58:41

Date: 23.OCT.2023 17:22:45

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

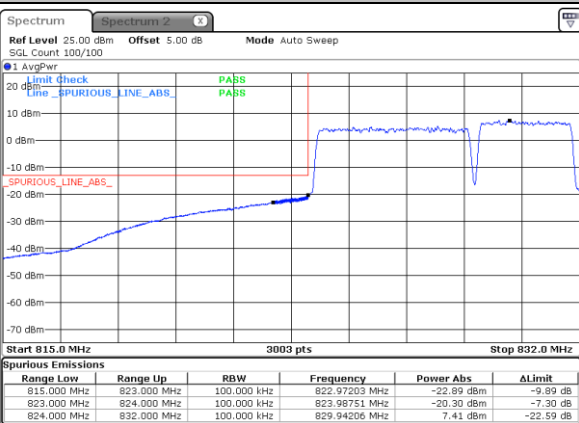


Date: 23.OCT.2023 17:06:45

Date: 23.OCT.2023 17:30:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 16:50:37

Date: 23.OCT.2023 17:14:50

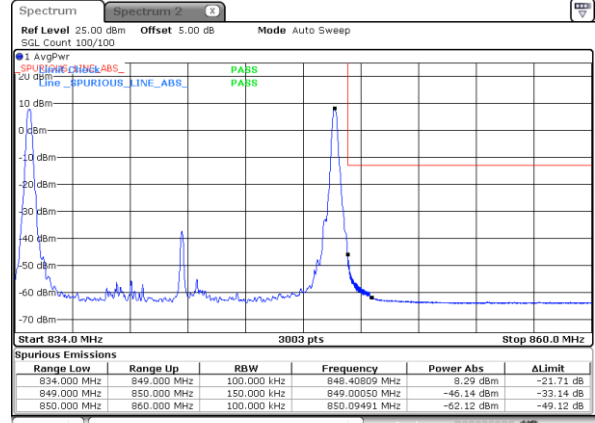
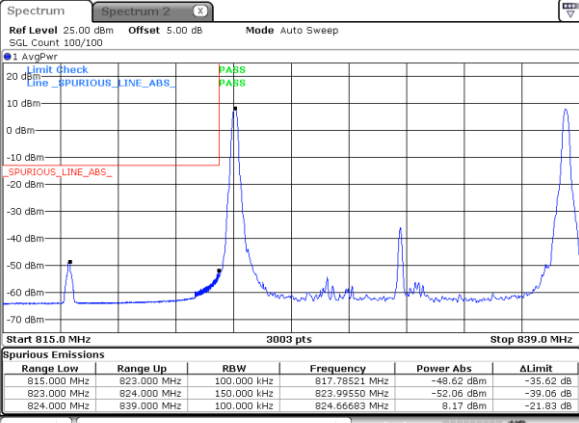


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

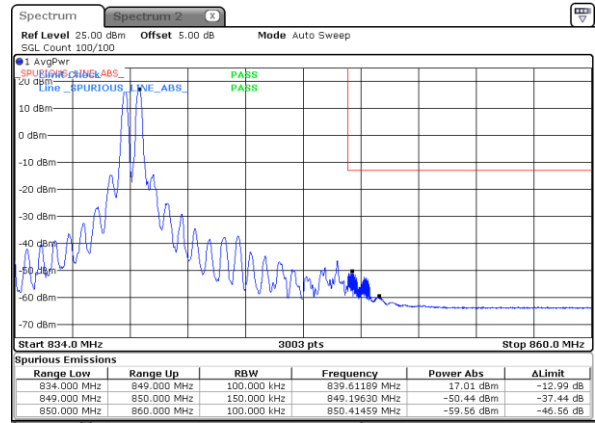
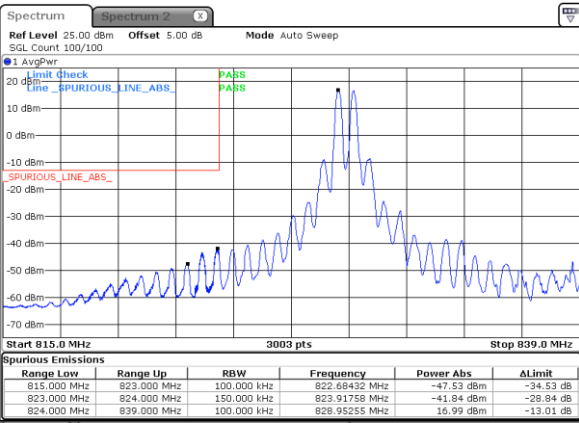


Date: 23.OCT.2023 17:49:42

Date: 23.OCT.2023 18:13:45

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

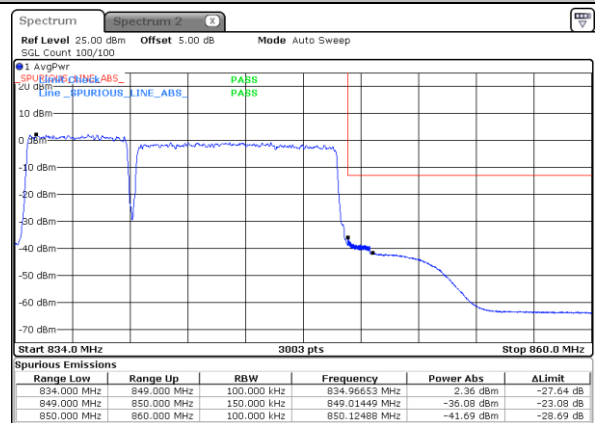
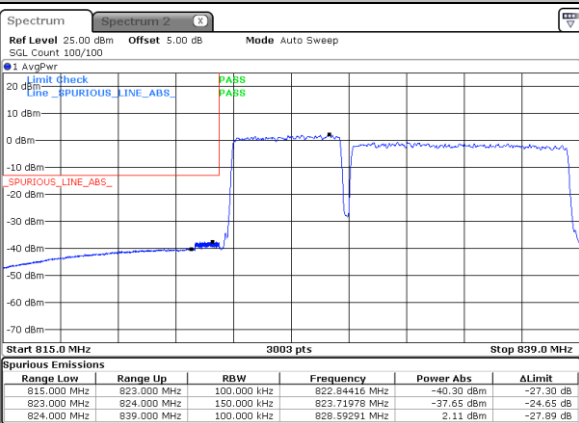


Date: 23.OCT.2023 17:57:46

Date: 23.OCT.2023 18:21:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 17:41:39

Date: 23.OCT.2023 18:05:51

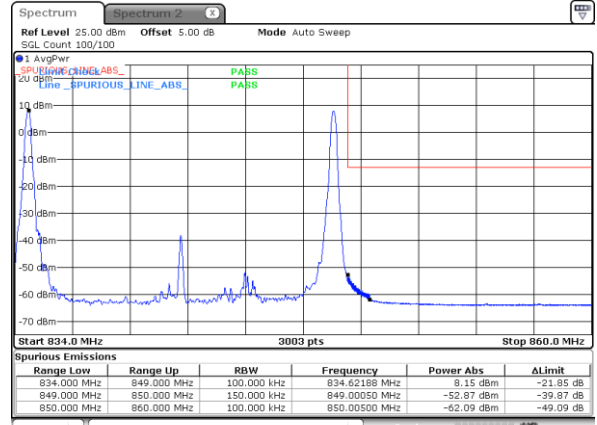
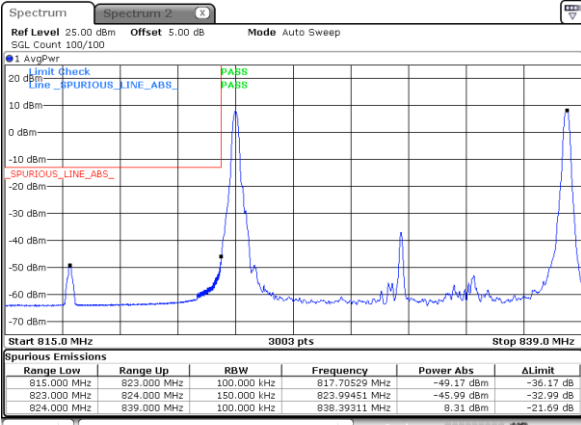


LTE Band 5B / 10MHz+5MHz

16QAM

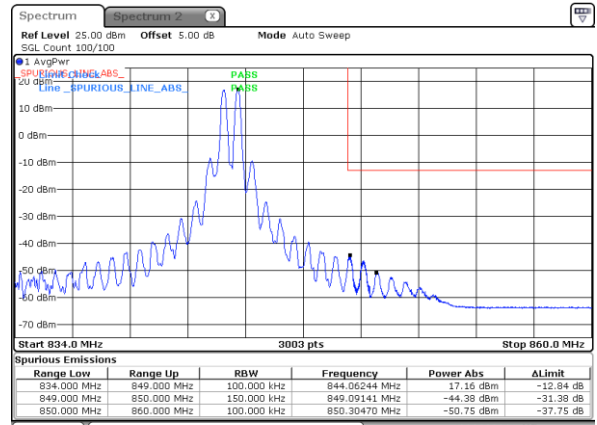
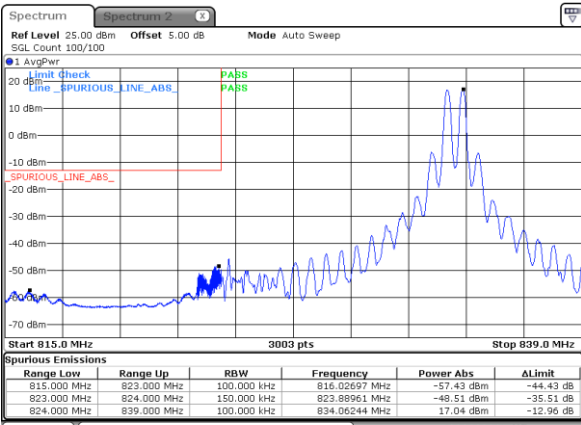
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

