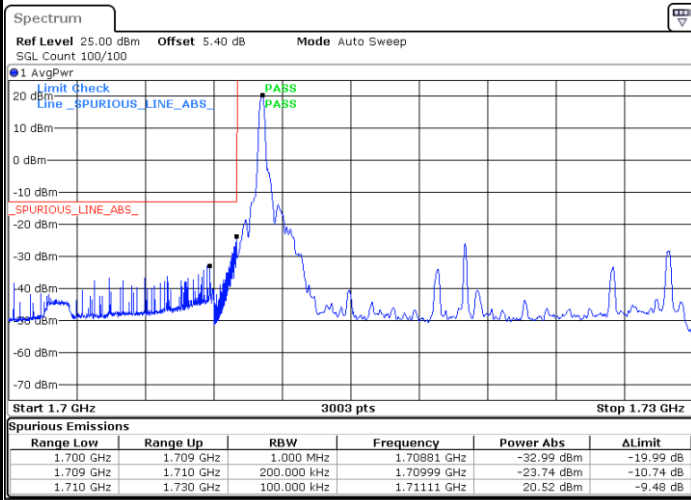




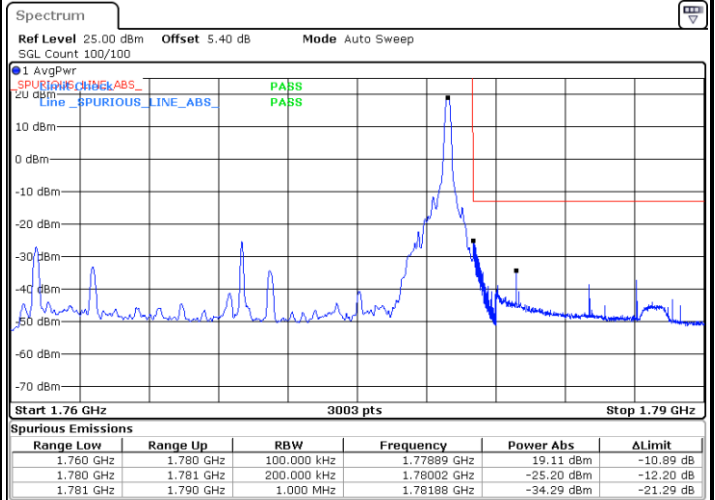
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



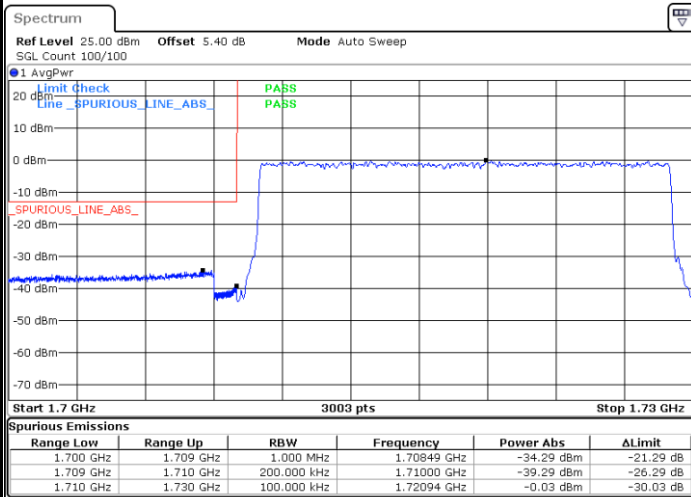
Date: 21.SEP.2023 17:12:06

Highest Band Edge / 1 RB



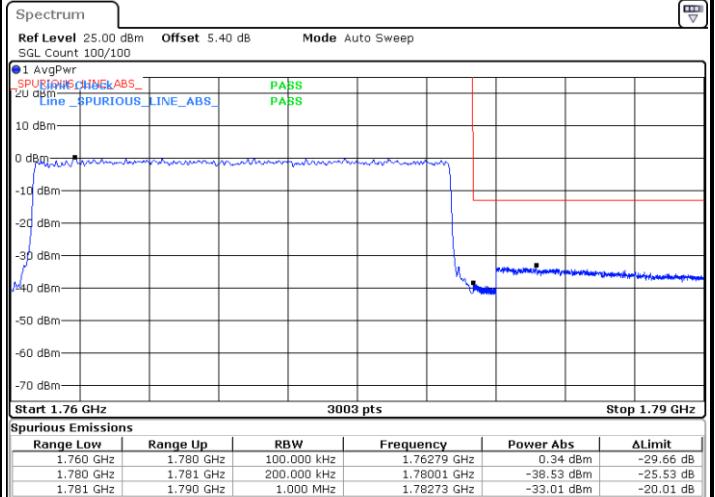
Date: 21.SEP.2023 17:22:59

Lowest Band Edge / Full RB



Date: 21.SEP.2023 17:16:10

Highest Band Edge / Full RB

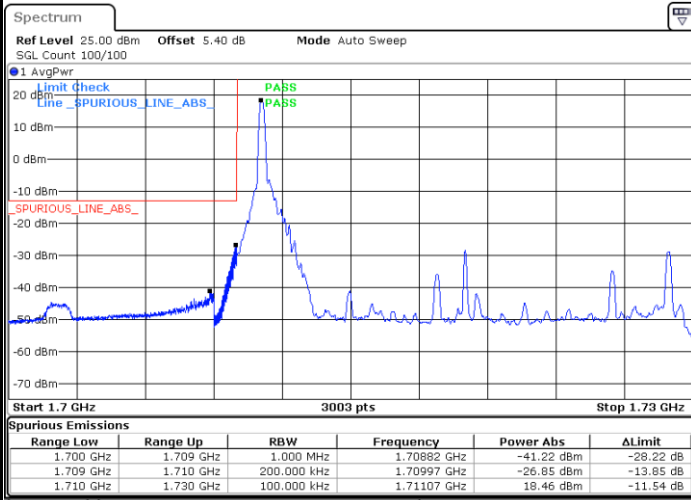


Date: 21.SEP.2023 17:30:49



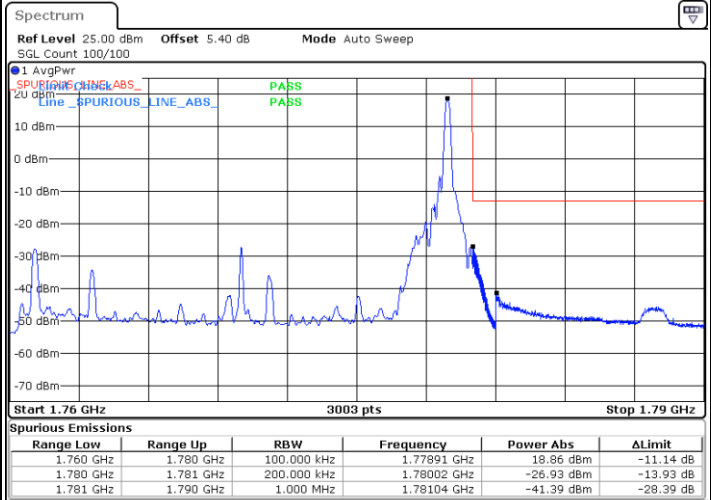
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



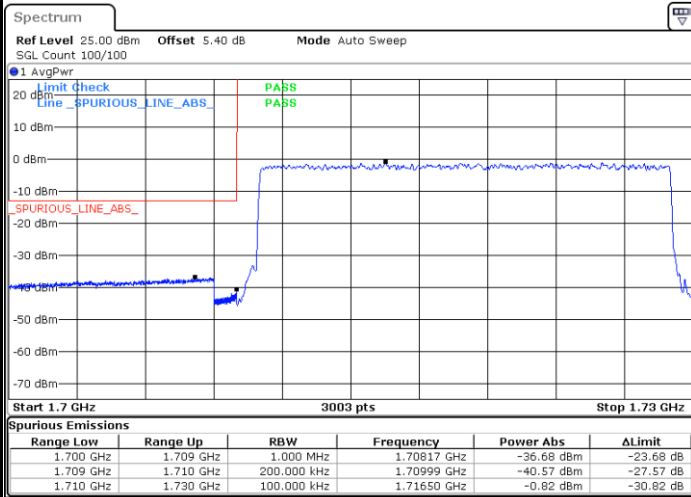
Date: 21.SEP.2023 17:13:27

Highest Band Edge / 1 RB



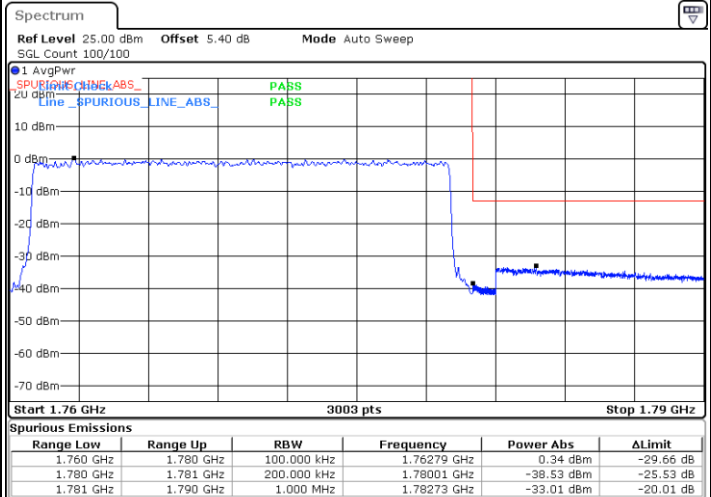
Date: 21.SEP.2023 17:24:20

Lowest Band Edge / Full RB



Date: 21.SEP.2023 17:14:48

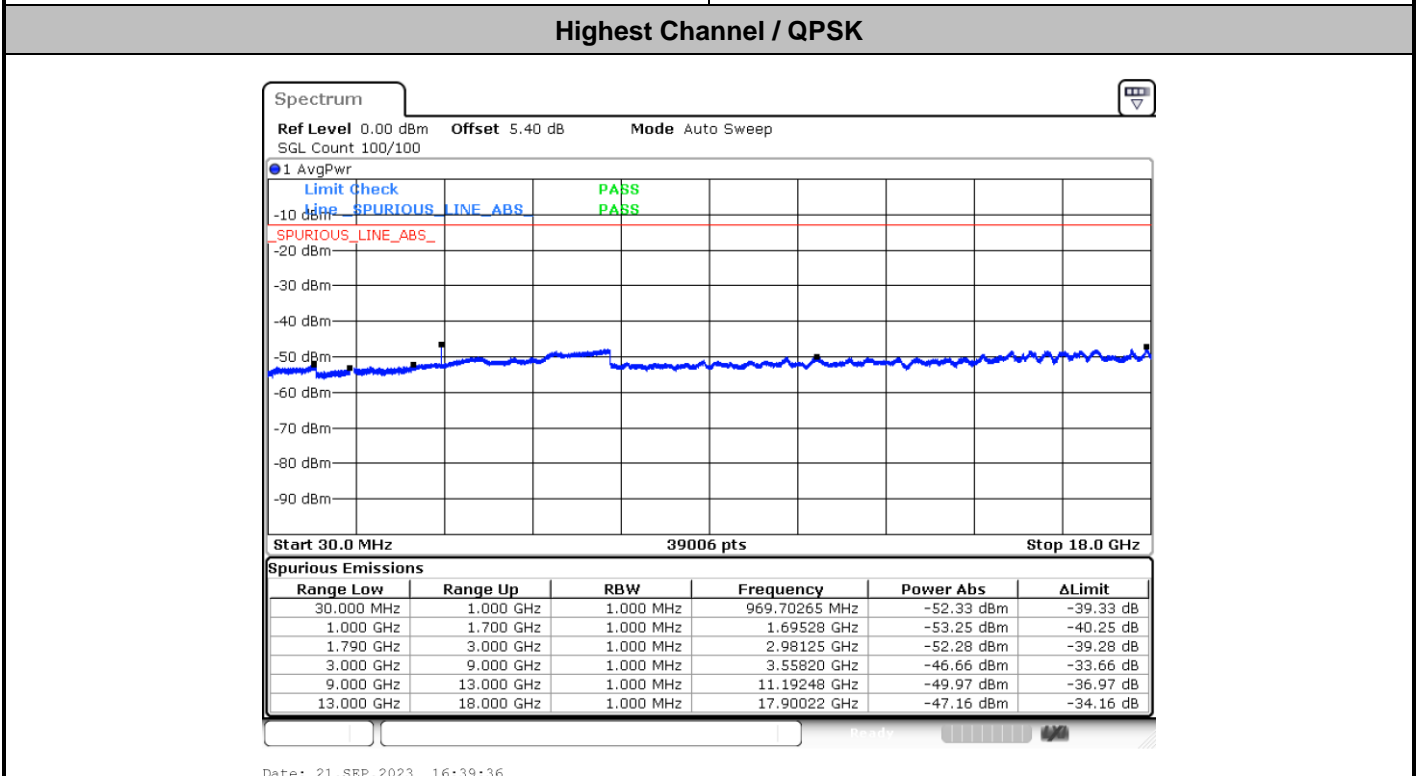
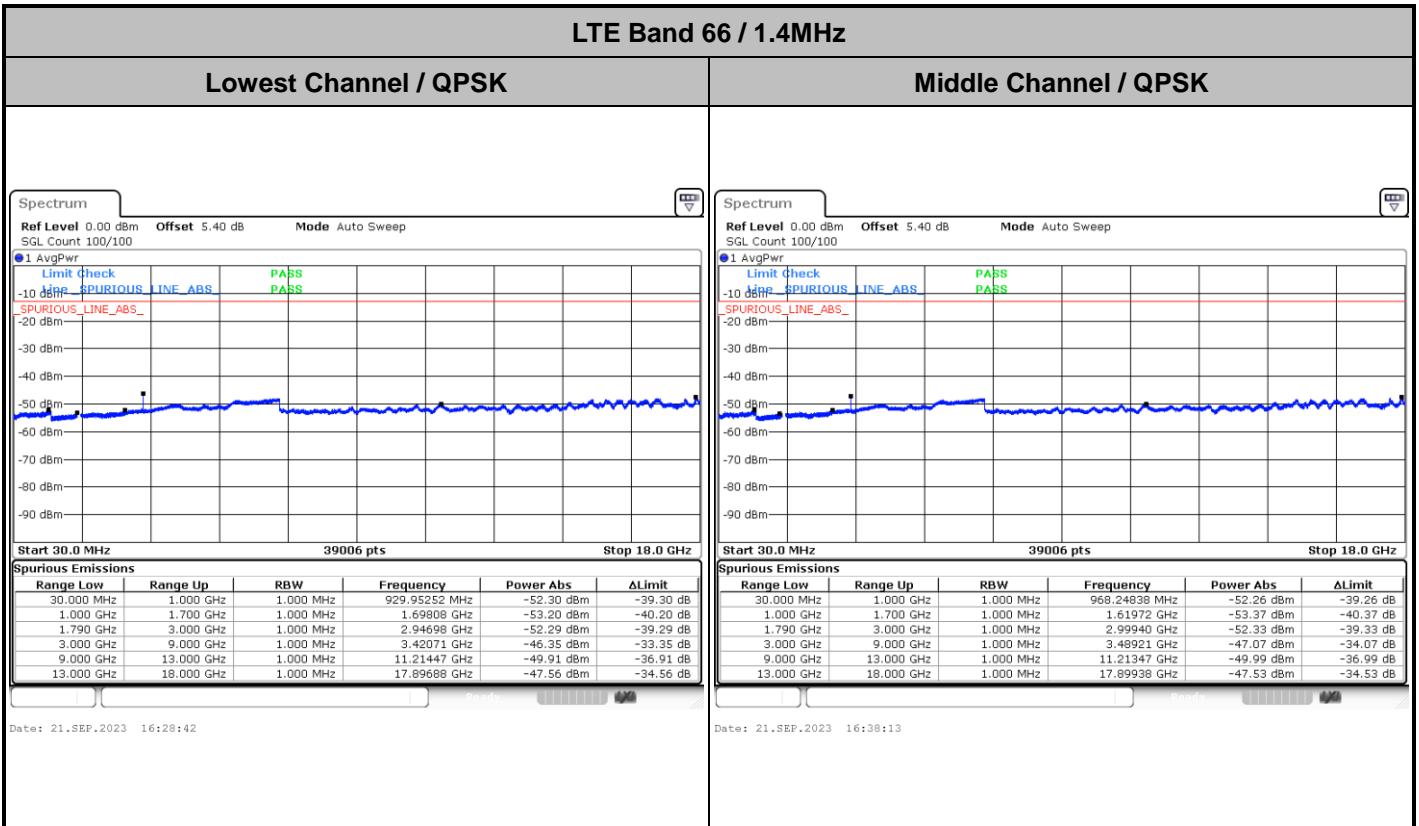
Highest Band Edge / Full RB



Date: 21.SEP.2023 17:30:49



Conducted Spurious Emission

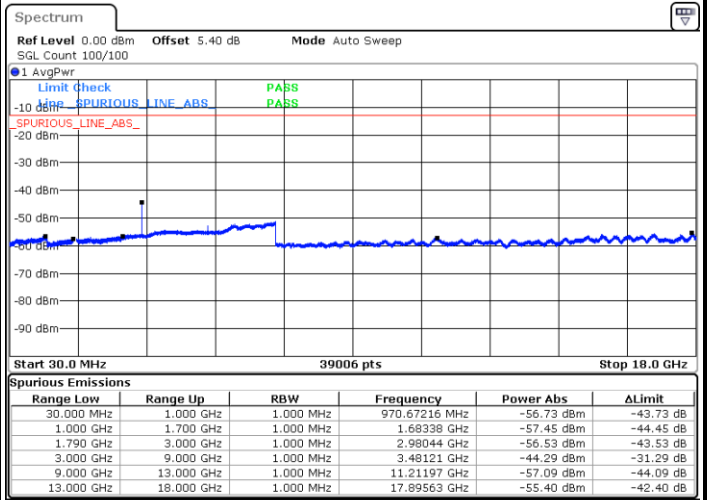
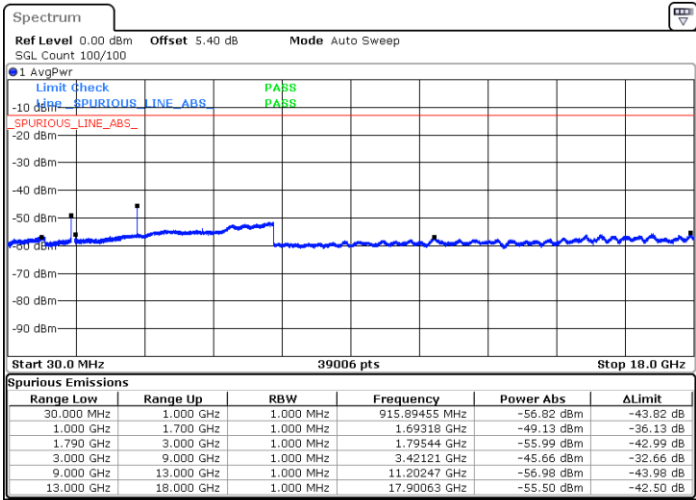




LTE Band 66 / 10MHz

Lowest Channel / QPSK

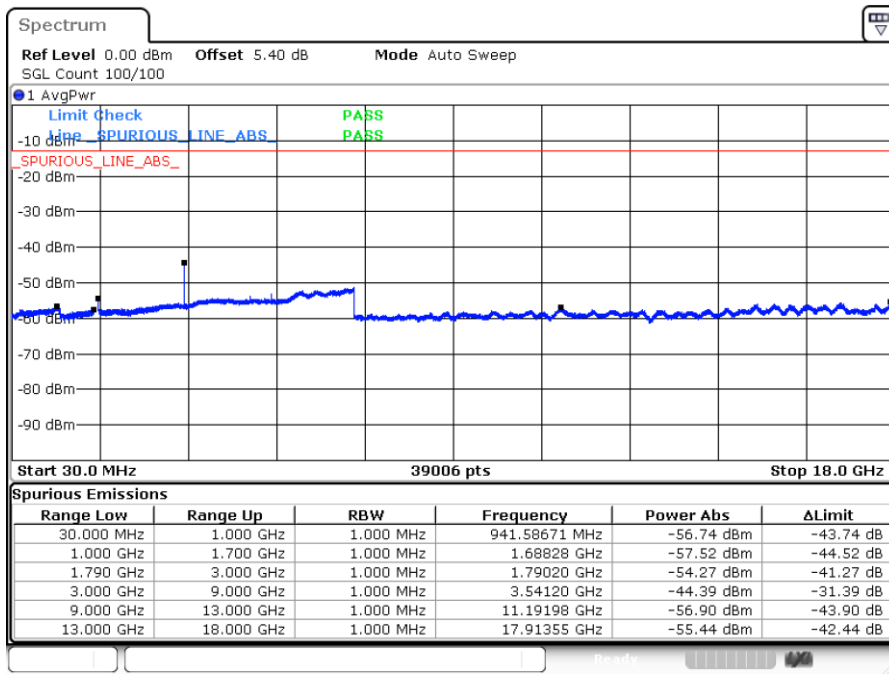
Middle Channel / QPSK



Date: 21.SEP.2023 16:49:05

Date: 21.SEP.2023 16:58:33

Highest Channel / QPSK



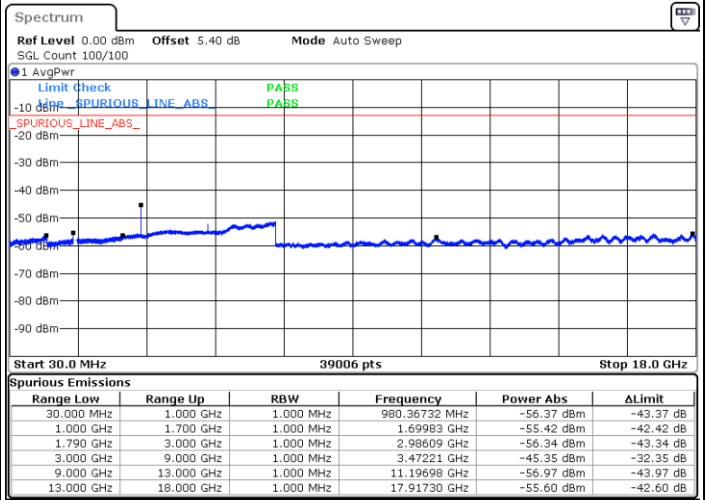
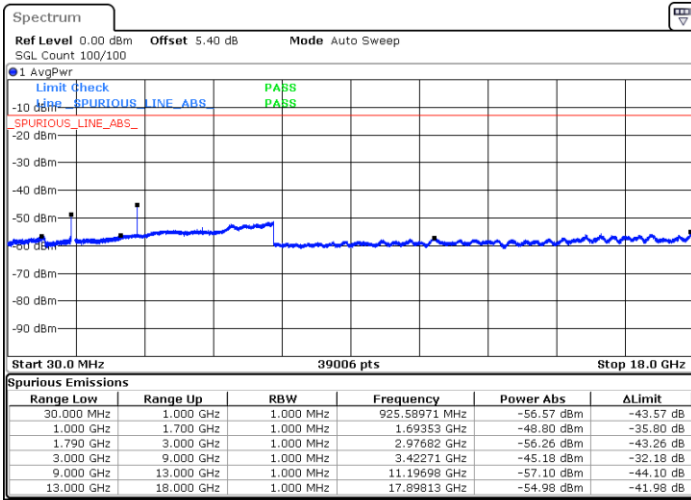
Date: 21.SEP.2023 16:59:55



LTE Band 66 / 20MHz

Lowest Channel / QPSK

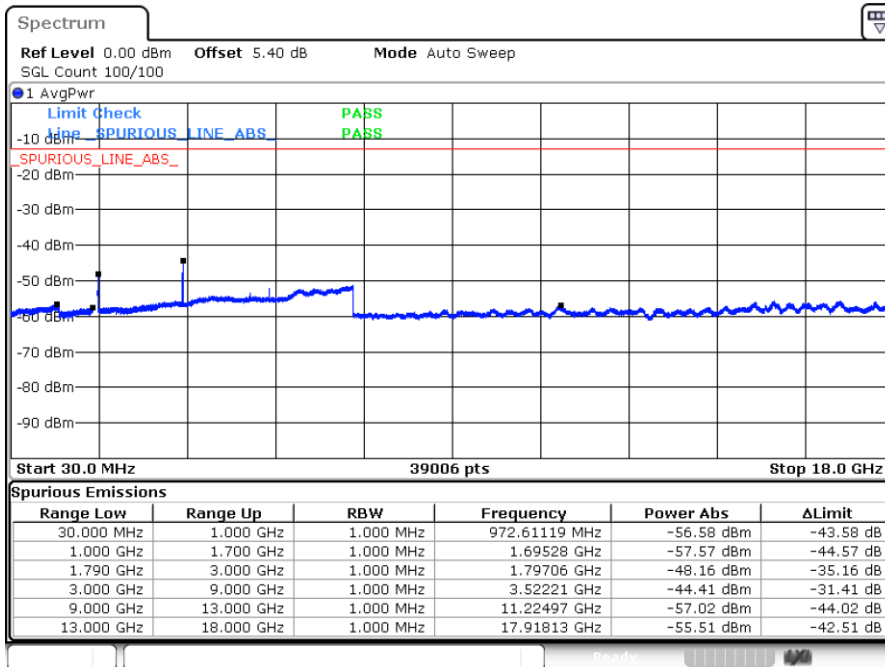
Middle Channel / QPSK



Date: 21.SEP.2023 17:09:24

Date: 21.SEP.2023 17:18:54

Highest Channel / QPSK



Date: 21.SEP.2023 17:20:17



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 | 0.0024 | PASS |
| 40 | Normal Voltage | 0.0018 | |
| 30 | Normal Voltage | 0.0022 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0039 | |
| 0 | Normal Voltage | 0.0042 | |
| -10 | Normal Voltage | 0.0010 | |
| -20 | Normal Voltage | 0.0018 | |
| -30 | Normal Voltage | 0.0008 | |
| 20 | Maximum Voltage | 0.0028 | |
| 20 | Normal Voltage | 0.0019 | |
| 20 | Battery End Point | 0.0035 | |

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 | 3MHz+5MHz | |
| Middle CH | 8.15 | 8.14 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+3MHz | |
| Middle CH | 8.14 | 8.12 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+10MHz | |
| Middle CH | 14.57 | 14.63 |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+5MHz | |
| Middle CH | 14.63 | 14.57 |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 19.58 | 19.9 |



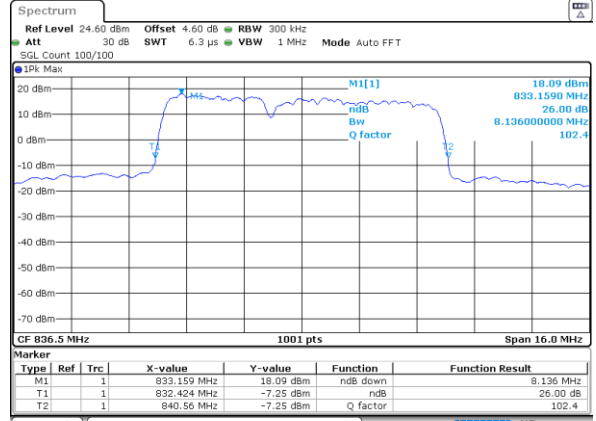
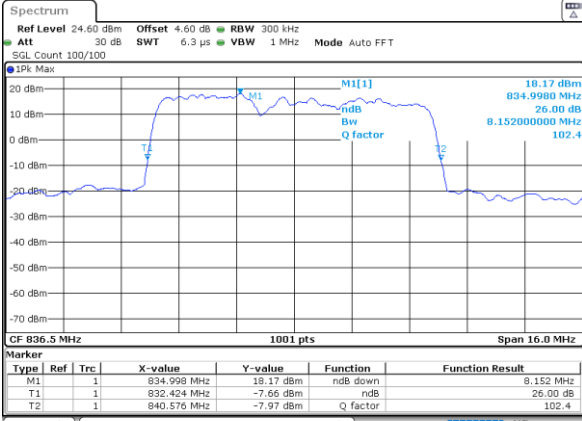
LTE Band 5B

QPSK

16QAM

Middle Channel / 3MHz+5MHz / QPSK

Middle Channel / 3MHz+5MHz / 16QAM

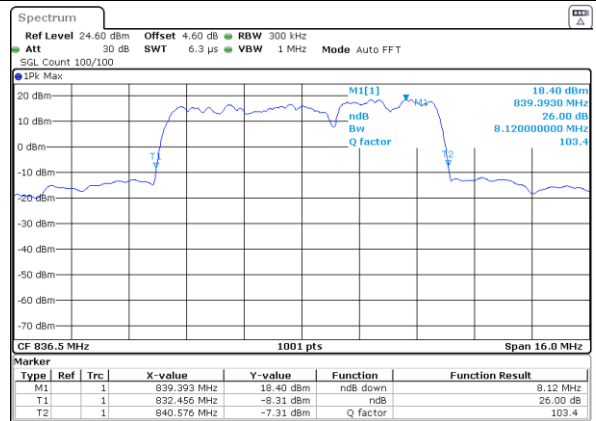
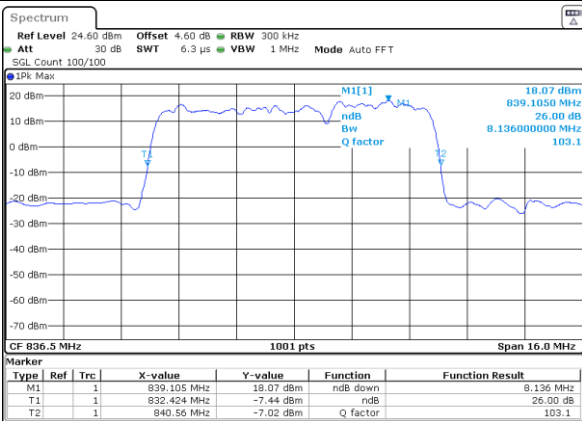


Date: 28_SEP.2023 23:24:02

Date: 28_SEP.2023 23:23:134

Middle Channel / 5MHz+3MHz / QPSK

Middle Channel / 5MHz+3MHz / 16QAM

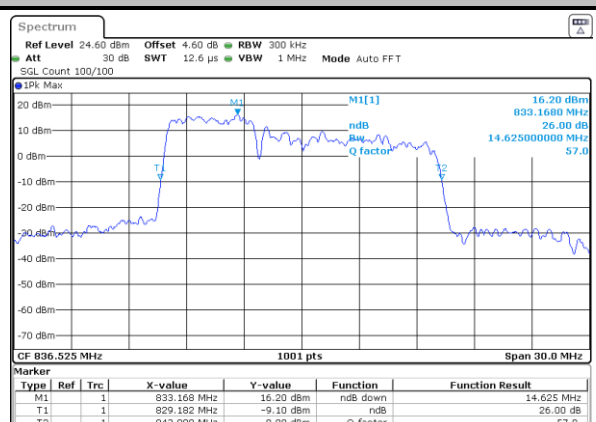
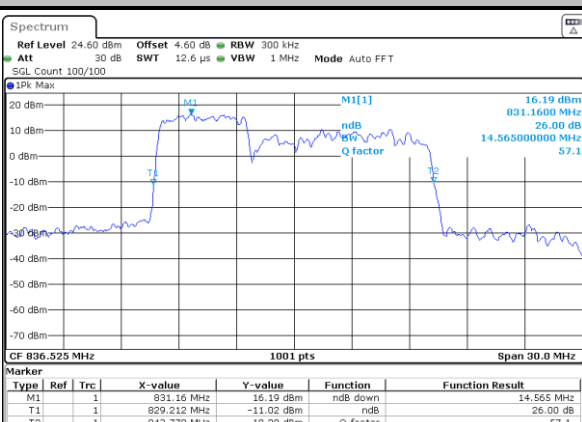


Date: 28_SEP.2023 23:30:17

Date: 28_SEP.2023 23:30:444

Middle Channel / 5MHz+10MHz / QPSK

Middle Channel / 5MHz+10MHz / 16QAM

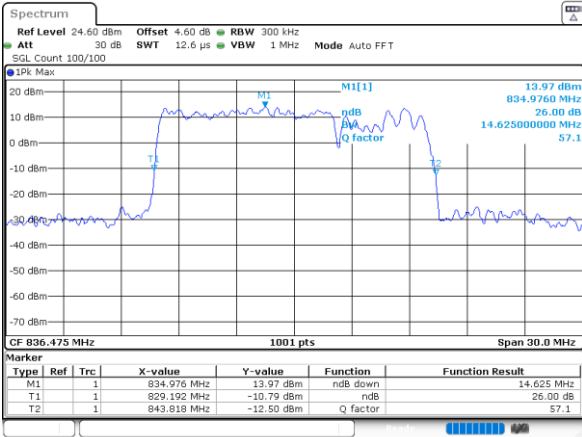


Date: 28_SEP.2023 23:36:46

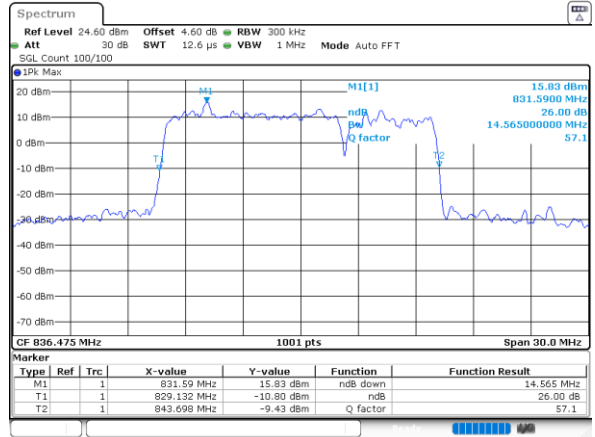
Date: 28_SEP.2023 23:37:113



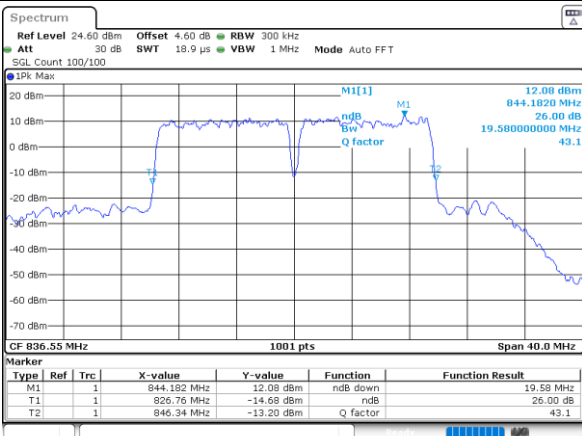
Middle Channel / 10MHz+5MHz / QPSK



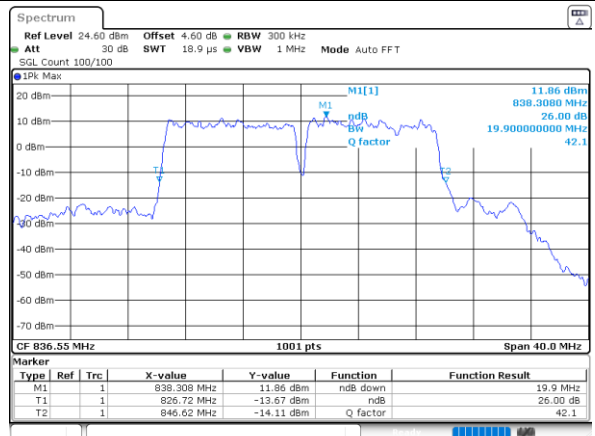
Middle Channel / 10MHz+5MHz / 16QAM



Middle Channel / 10MHz+10MHz / QPSK



Middle Channel / 10MHz+10MHz / 16QAM





Occupied Bandwidth

| Mode | LTE Band 5B : 99%OBW(MHz) | |
|-----------|---------------------------|-------|
| Mod. | QPSK | 16QAM |
| BW | 3MHz+5MHz | |
| Middle CH | 7.53 | 7.58 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+3MHz | |
| Middle CH | 7.58 | 7.59 |
| Mod. | QPSK | 16QAM |
| BW | 5MHz+10MHz | |
| Middle CH | 13.82 | 13.85 |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+5MHz | |
| Middle CH | 13.76 | 13.76 |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 18.78 | 18.74 |



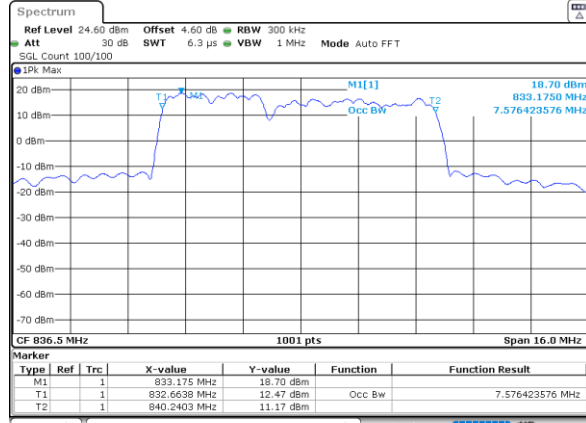
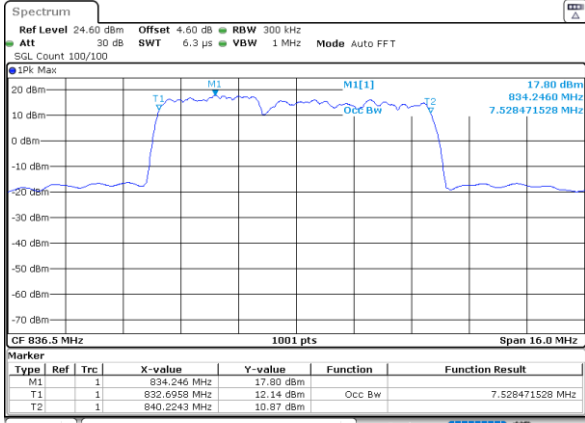
LTE Band 5B

QPSK

16QAM

Middle Channel / 3MHz+5MHz / QPSK

Middle Channel / 3MHz+5MHz / 16QAM

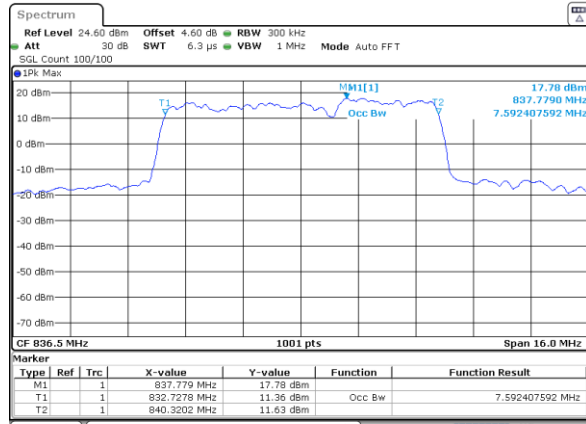
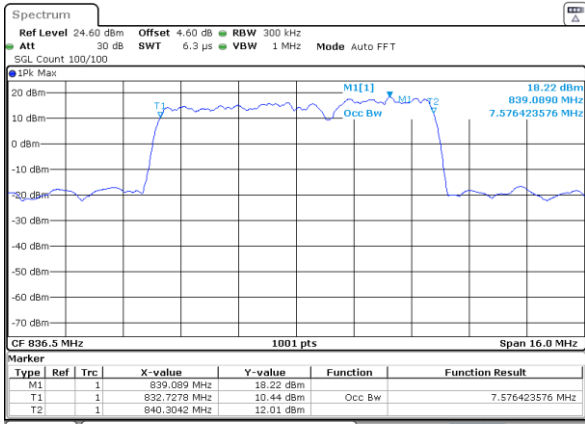


Date: 28_SEP.2023 23:22:40

Date: 28_SEP.2023 23:23:07

Middle Channel / 5MHz+3MHz / QPSK

Middle Channel / 5MHz+3MHz / 16QAM

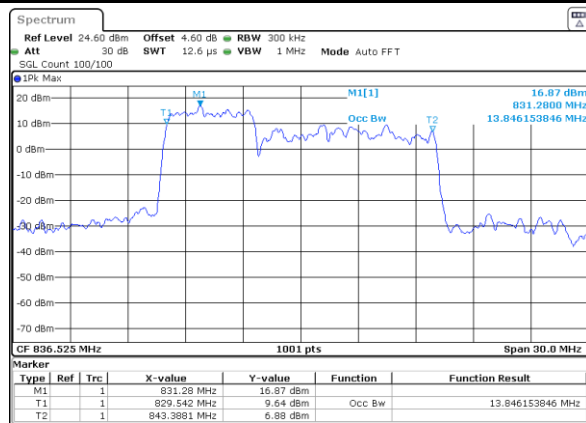
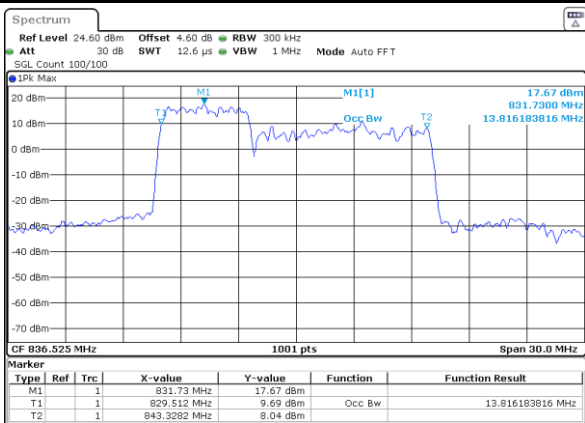


Date: 28_SEP.2023 23:29:50

Date: 28_SEP.2023 23:31:12

Middle Channel / 5MHz+10MHz / QPSK

Middle Channel / 5MHz+10MHz / 16QAM

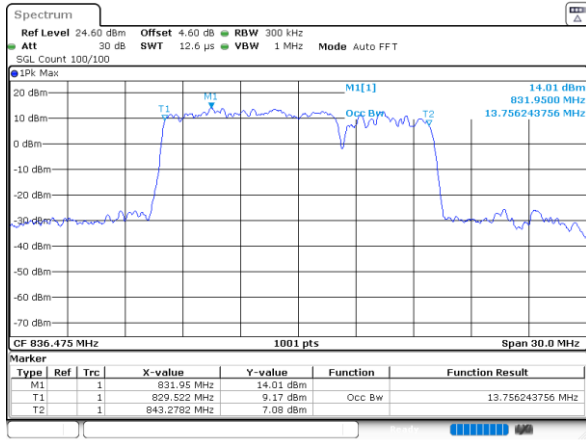


Date: 28_SEP.2023 23:36:19

Date: 28_SEP.2023 23:37:40

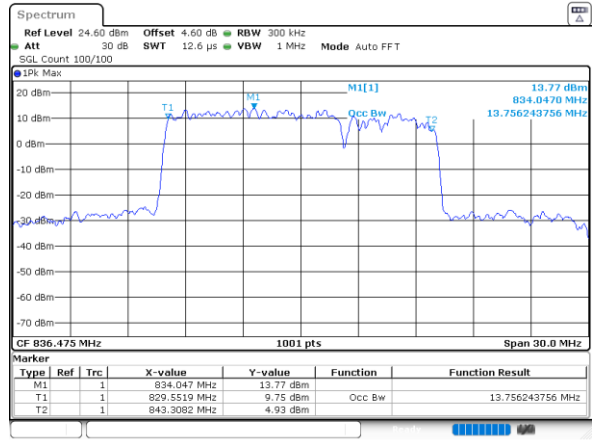


Middle Channel / 10MHz+5MHz / QPSK



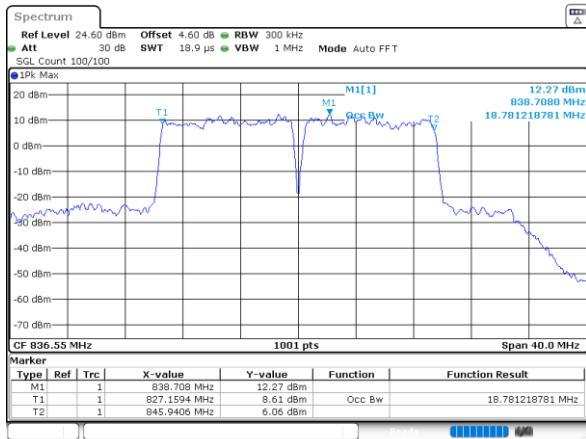
Date: 28_SEP.2023 23:42:44

Middle Channel / 10MHz+5MHz / 16QAM



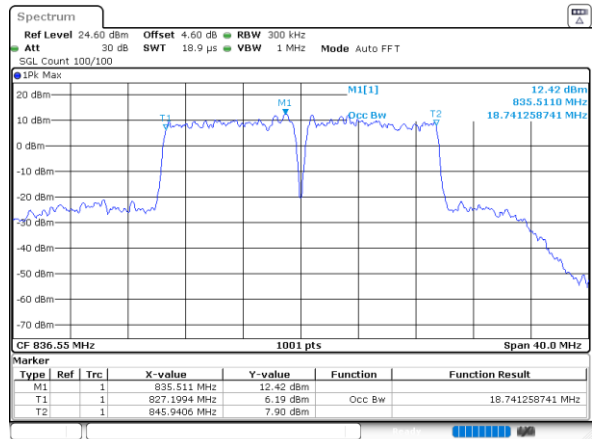
Date: 28_SEP.2023 23:44:05

Middle Channel / 10MHz+10MHz / QPSK



Date: 29_SEP.2023 00:36:54

Middle Channel / 10MHz+10MHz / 16QAM



Date: 29_SEP.2023 00:37:21



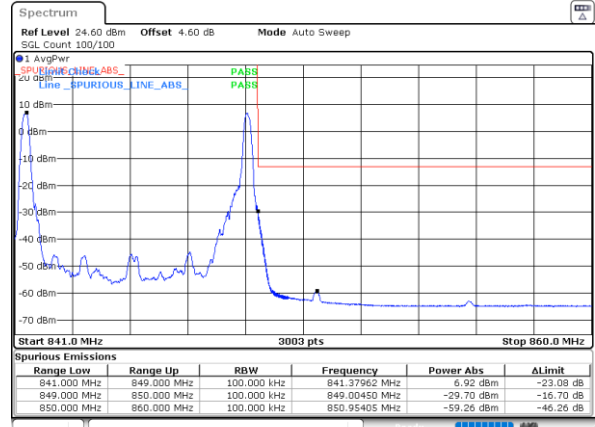
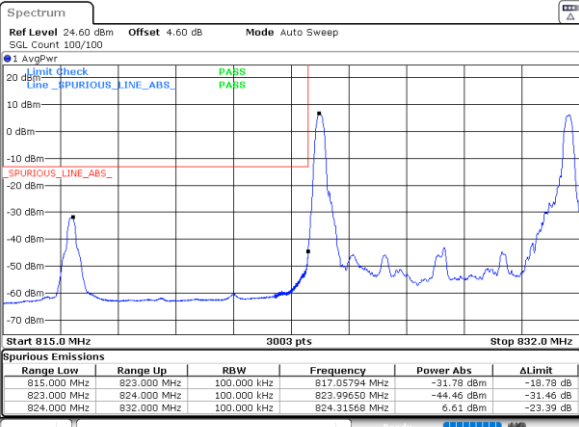
Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

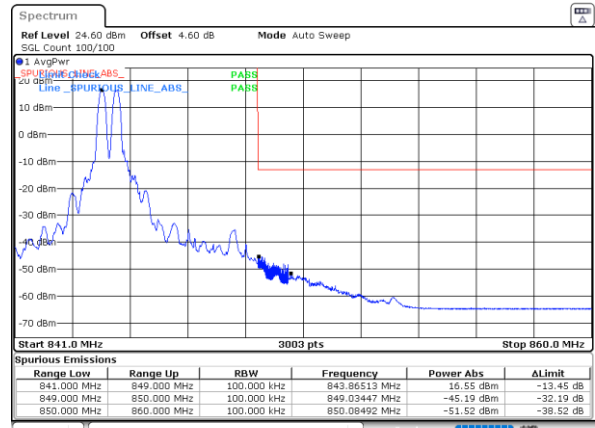
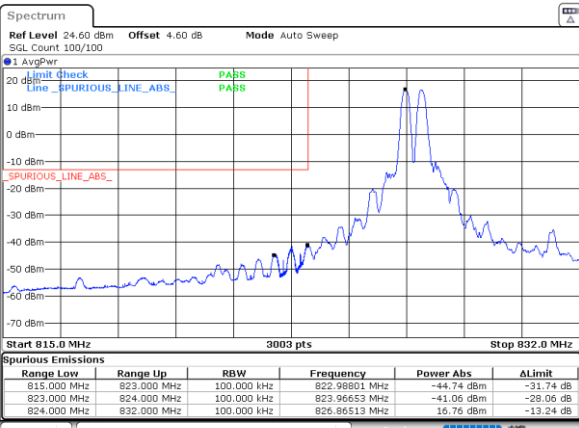


Date: 28_SEP.2023 20:01:31

Date: 28_SEP.2023 20:22:22

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

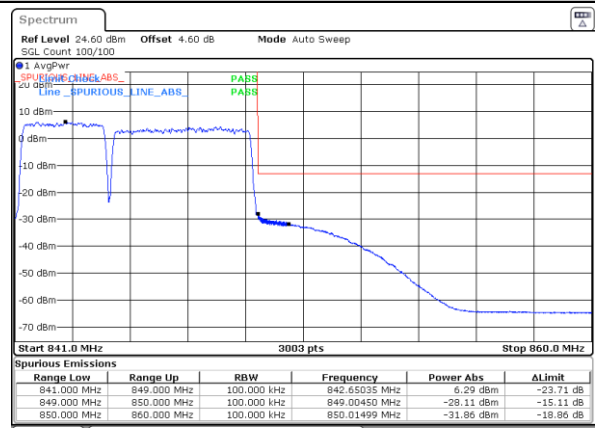
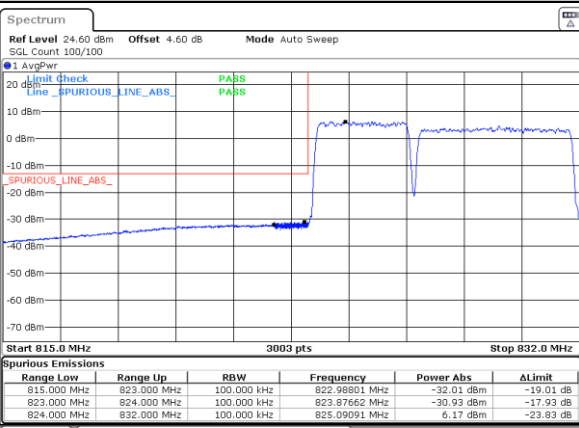


Date: 28_SEP.2023 20:07:22

Date: 28_SEP.2023 20:28:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 19:55:38

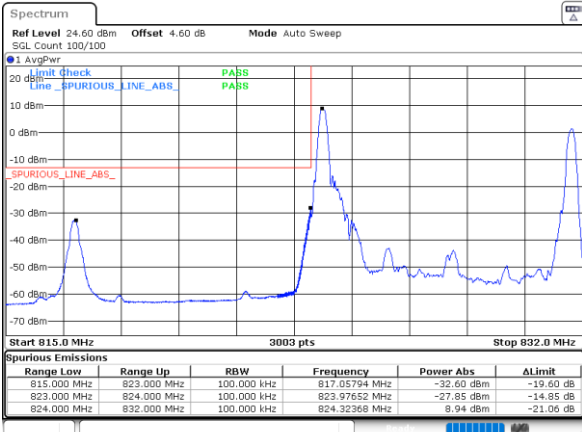
Date: 28_SEP.2023 20:16:30



LTE Band 5B / 5MHz+3MHz

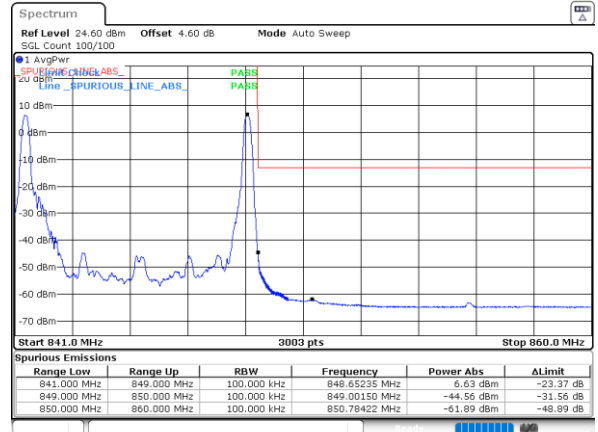
QPSK

Lowest Band Edge / 1RB0 and 1RB14



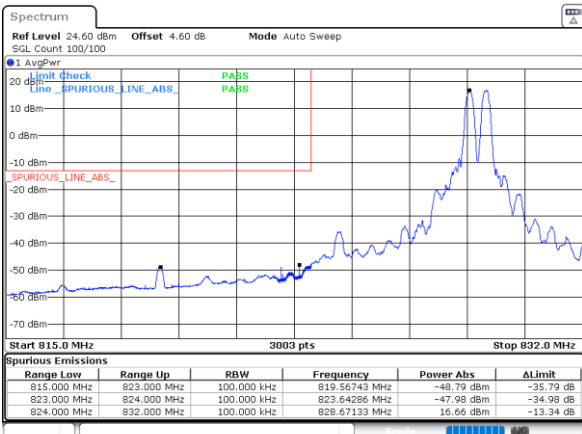
Date: 28_SEP.2023 20:40:03

Highest Band Edge / 1RB0 and 1RB14



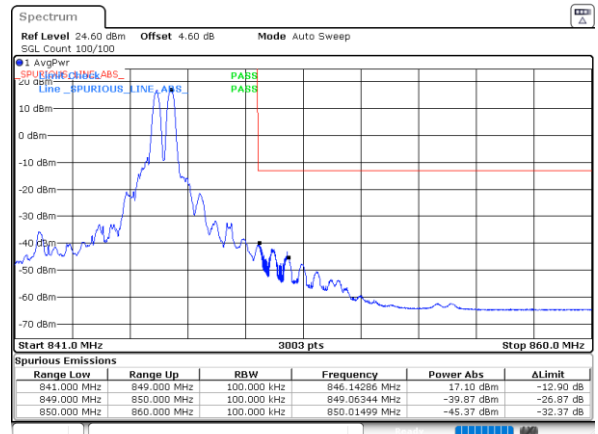
Date: 28_SEP.2023 21:20:59

Lowest Band Edge / 1RB24 and 1RB0



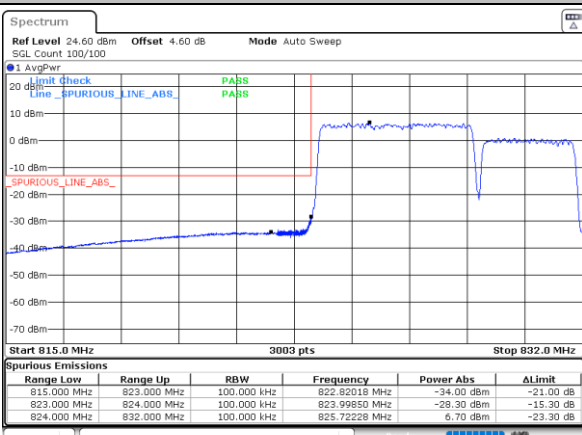
Date: 28_SEP.2023 20:45:54

Highest Band Edge / 1RB24 and 1RB0



Date: 28_SEP.2023 21:26:50

Lowest Band Edge / Full RB



Date: 28_SEP.2023 20:34:12

Highest Band Edge / Full RB



Date: 28_SEP.2023 21:15:08

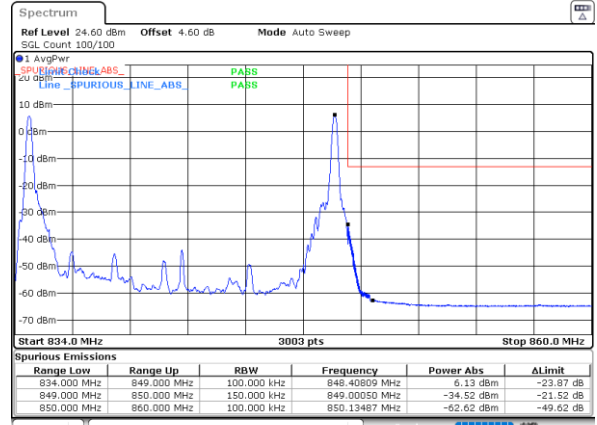
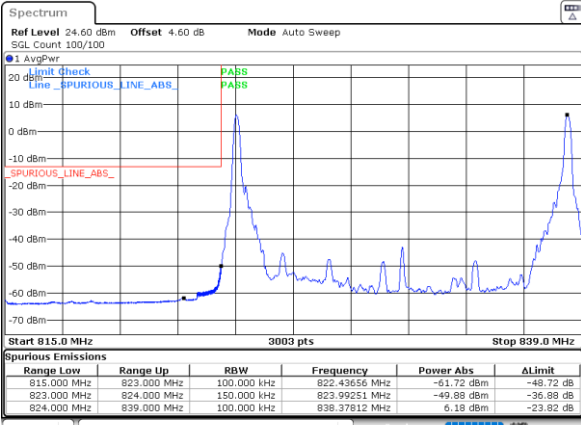


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

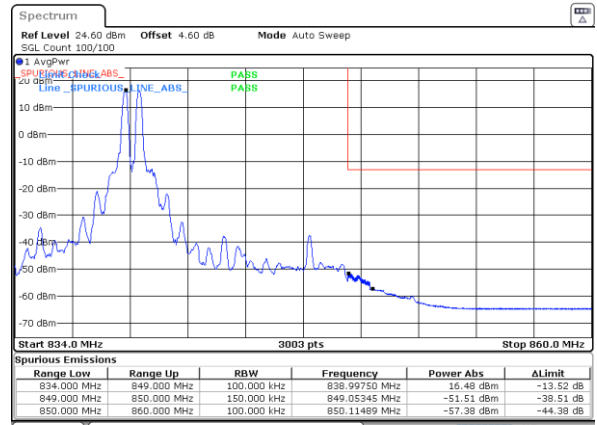
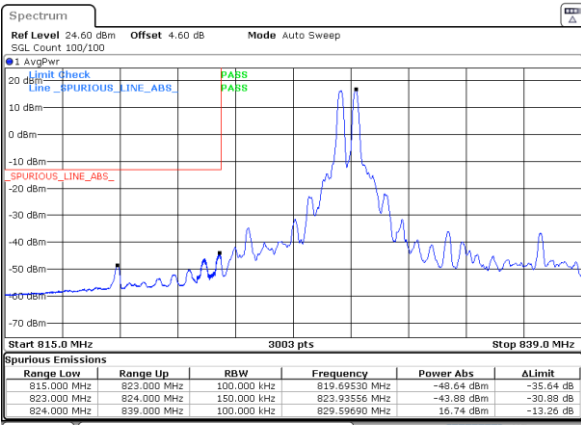


Date: 28_SEP.2023 21:39:08

Date: 28_SEP.2023 21:56:48

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

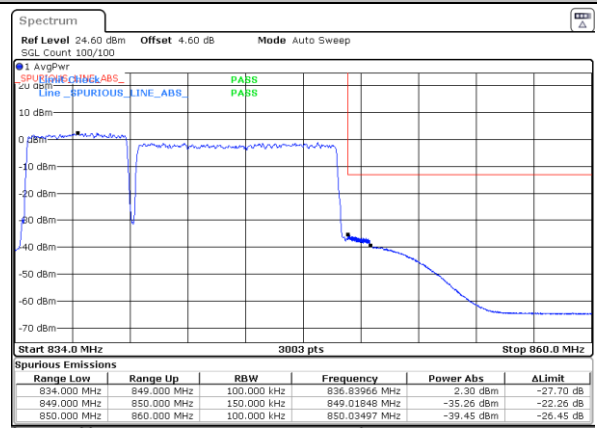
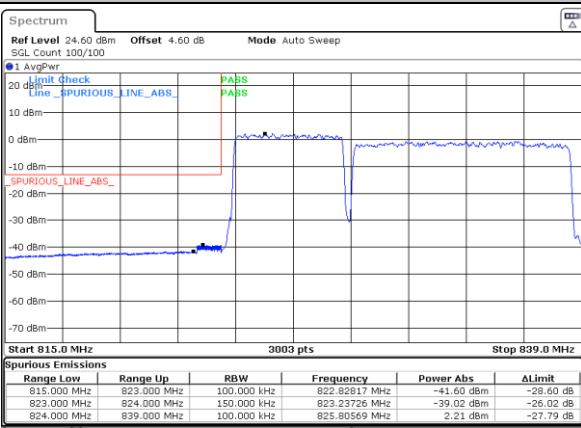


Date: 28_SEP.2023 21:44:59

Date: 28_SEP.2023 22:02:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 21:33:16

Date: 28_SEP.2023 21:50:57

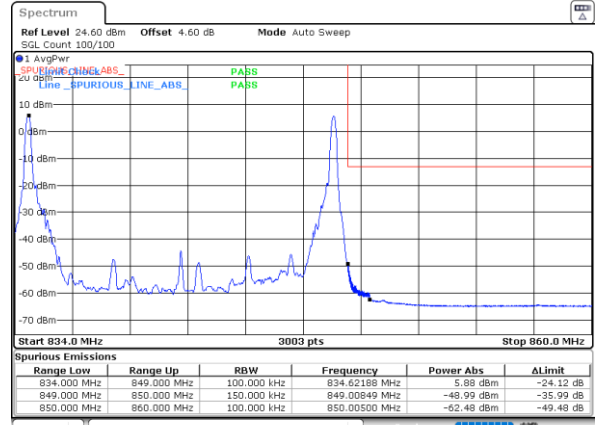
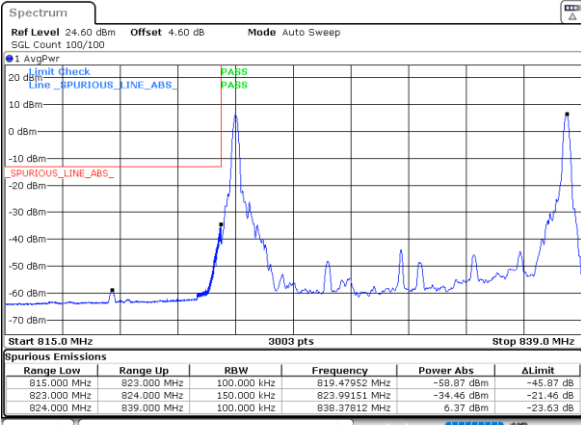


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

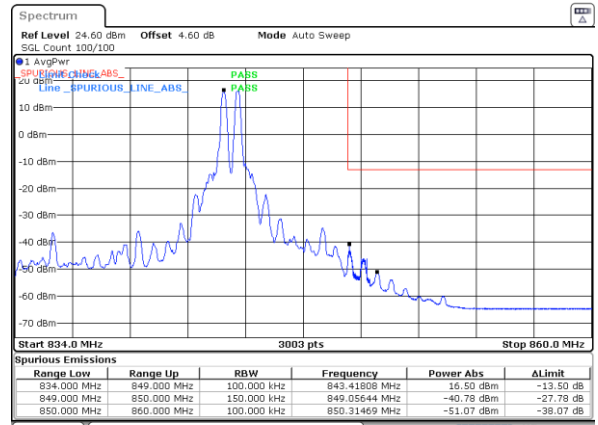
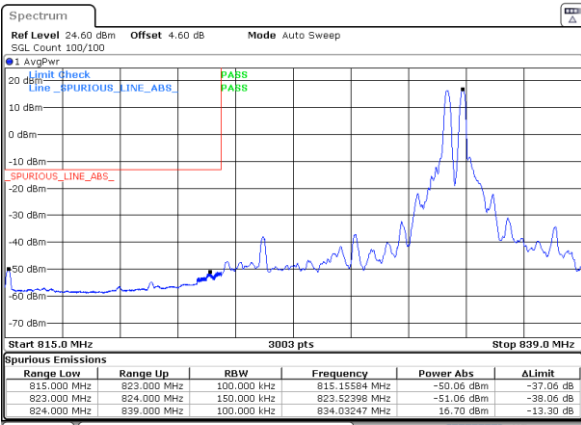


Date: 28_SEP_2023 22:15:04

Date: 28_SEP_2023 22:32:46

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

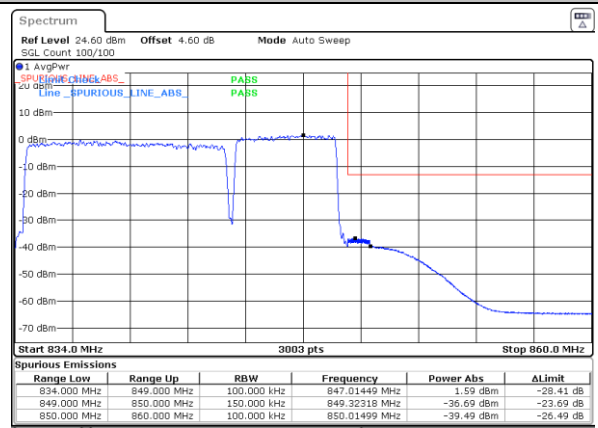
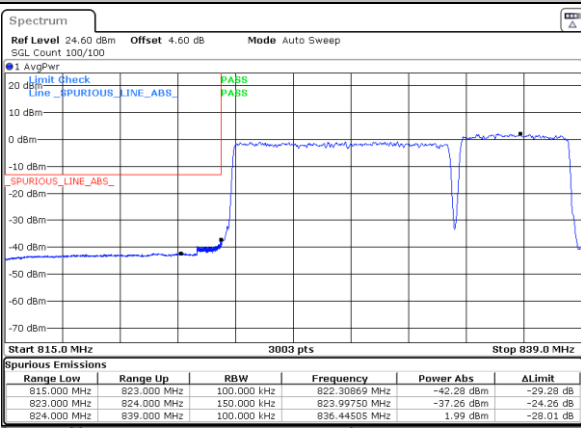


Date: 28_SEP_2023 22:20:57

Date: 28_SEP_2023 22:33:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP_2023 22:09:12

Date: 28_SEP_2023 22:26:55

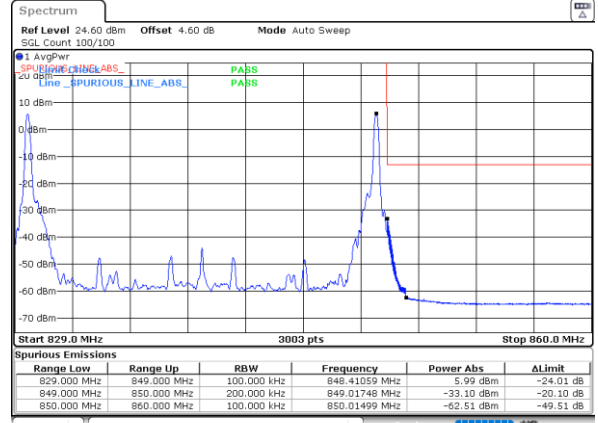
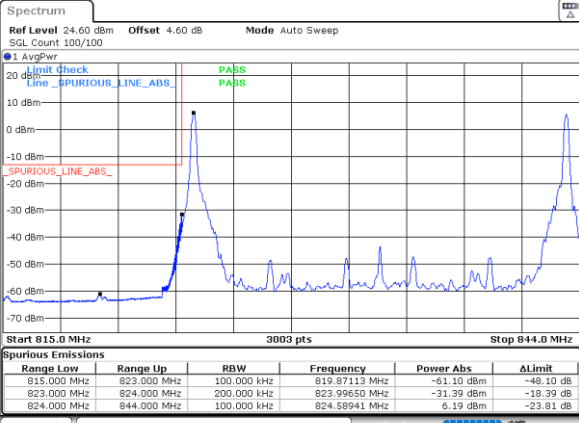


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

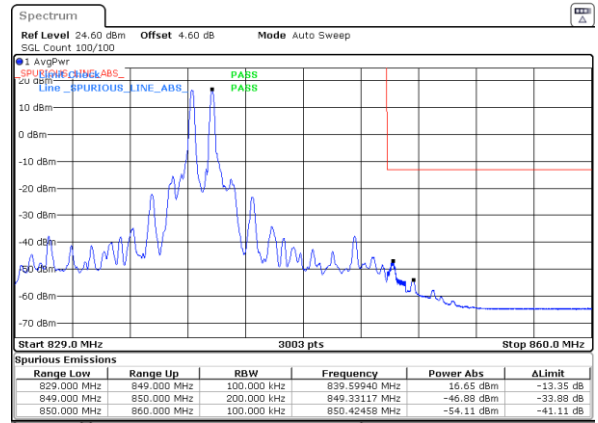
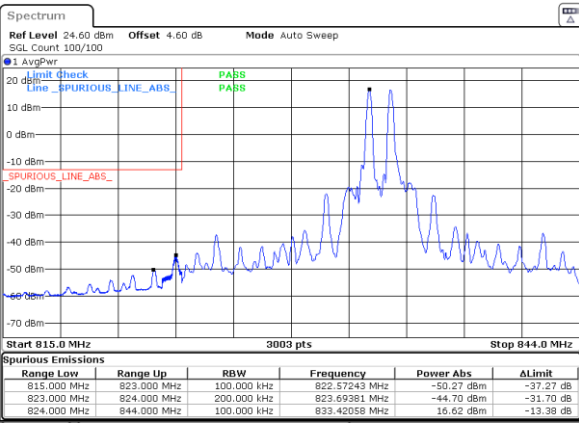


Date: 28_SEP.2023 22:50:27

Date: 28_SEP.2023 23:08:04

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

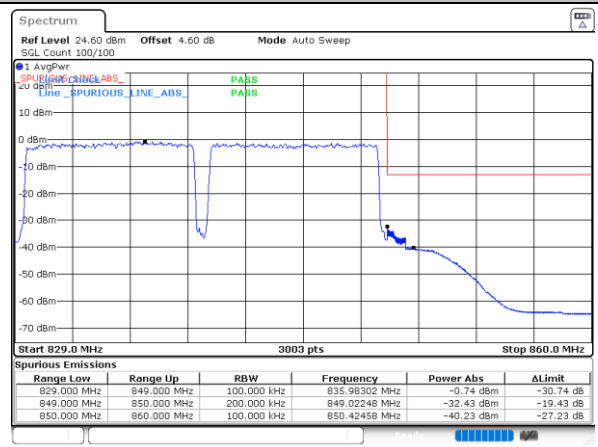
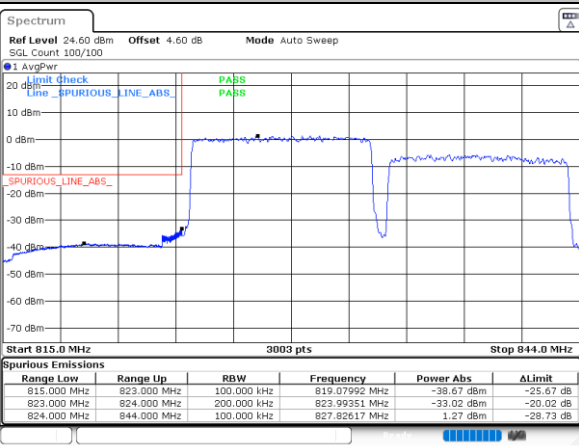


Date: 28_SEP.2023 22:56:19

Date: 28_SEP.2023 23:13:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 22:44:35

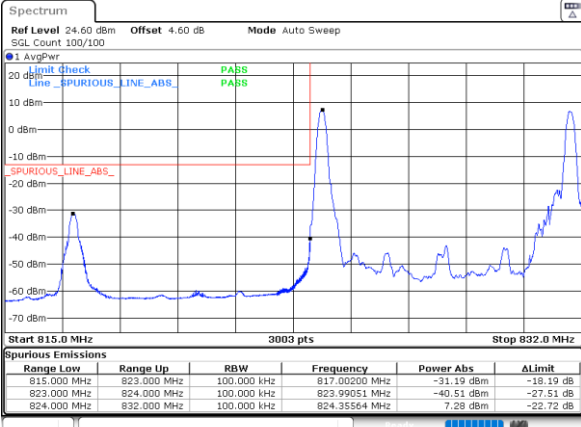
Date: 28_SEP.2023 23:02:13



LTE Band 5B / 3MHz+5MHz

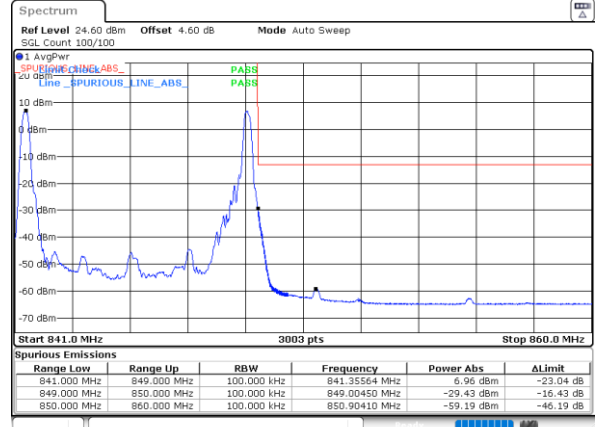
16QAM

Lowest Band Edge / 1RB0 and 1RB24



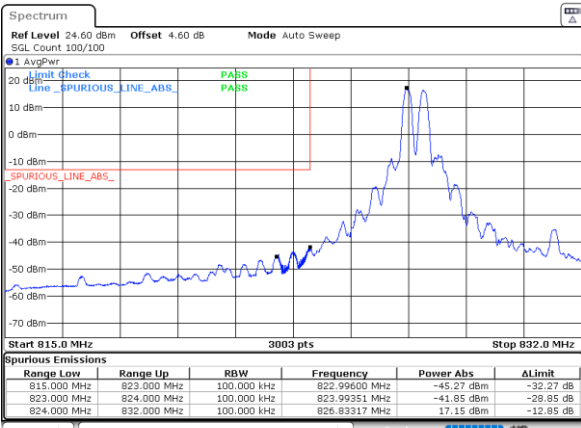
Date: 28_SEP.2023 20:03:27

Highest Band Edge / 1RB0 and 1RB24



Date: 28_SEP.2023 20:24:18

Lowest Band Edge / 1RB14 and 1RB0



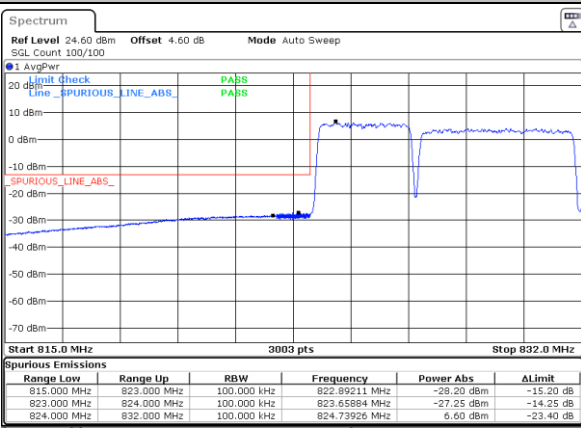
Date: 28_SEP.2023 20:09:19

Highest Band Edge / 1RB14 and 1RB0



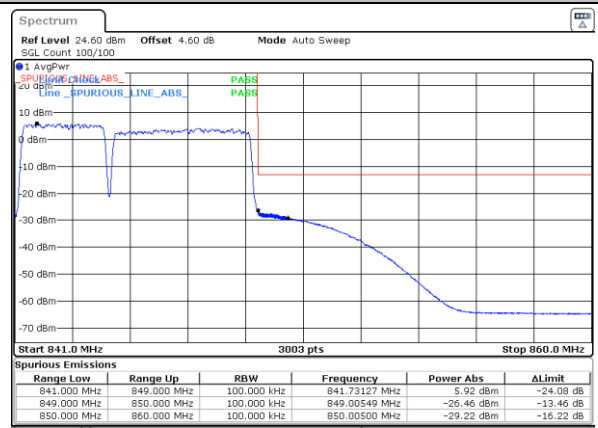
Date: 28_SEP.2023 20:30:10

Lowest Band Edge / Full RB



Date: 28_SEP.2023 19:57:35

Highest Band Edge / Full RB



Date: 28_SEP.2023 20:18:27

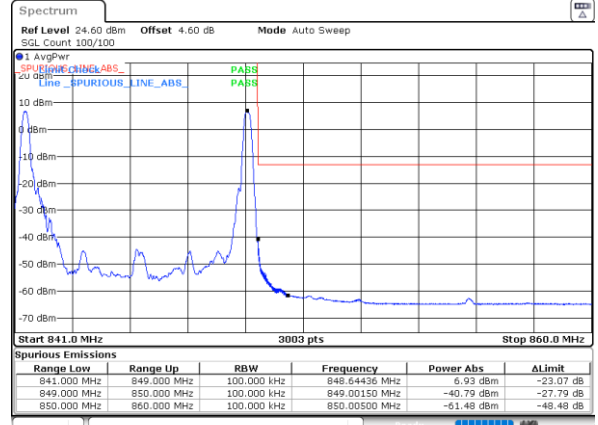
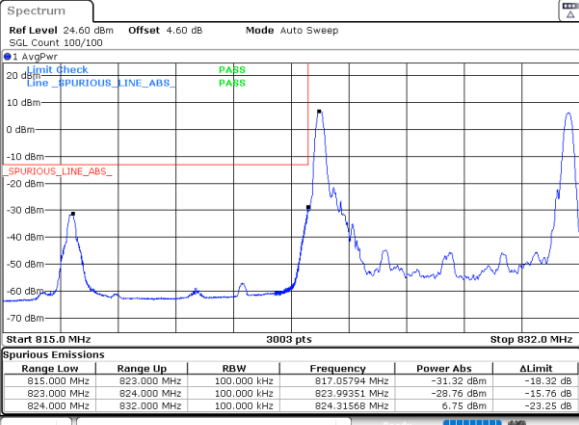


LTE Band 5B / 5MHz+3MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

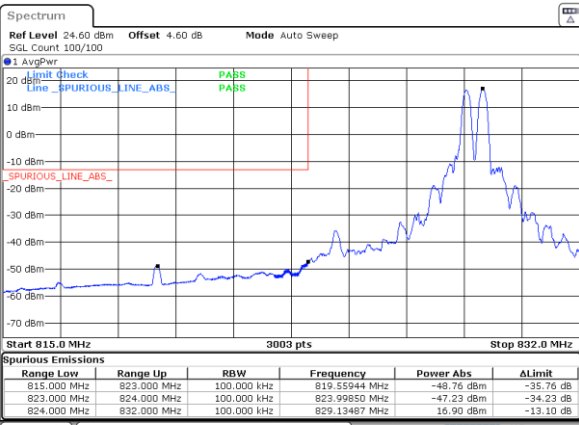


Date: 28_SEP.2023 20:42:00

Date: 28_SEP.2023 21:22:56

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

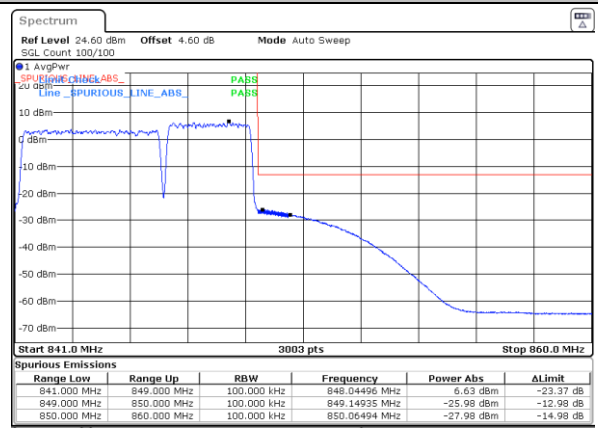
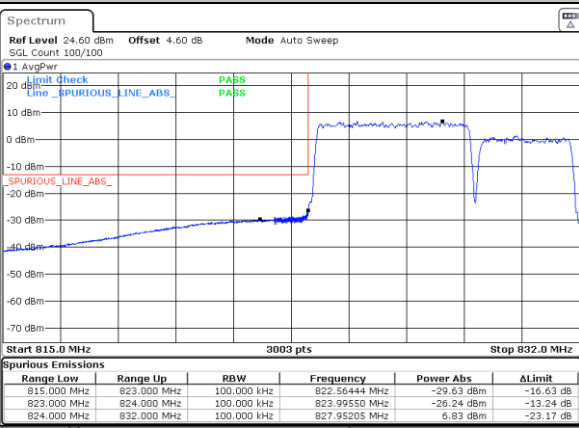


Date: 28_SEP.2023 20:47:51

Date: 28_SEP.2023 21:28:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 20:36:09

Date: 28_SEP.2023 21:17:05

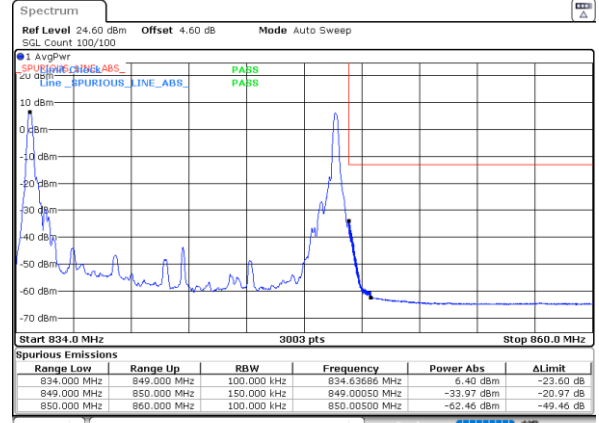
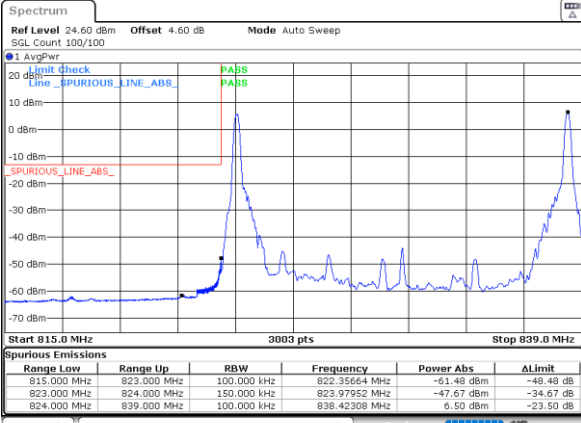


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

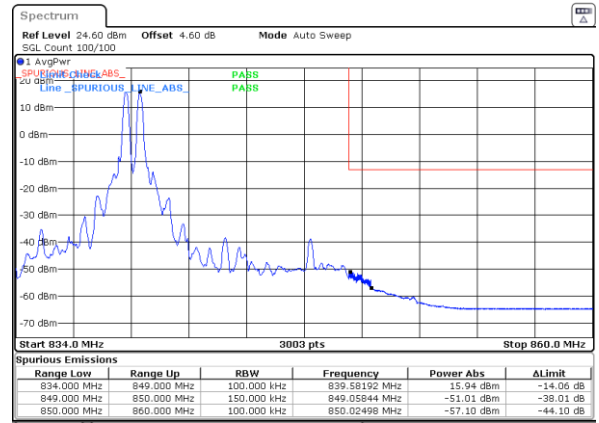
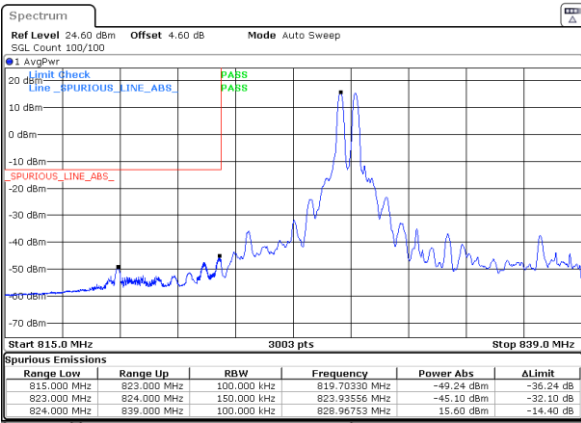


Date: 28_SEP.2023 21:41:05

Date: 28_SEP.2023 21:58:45

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

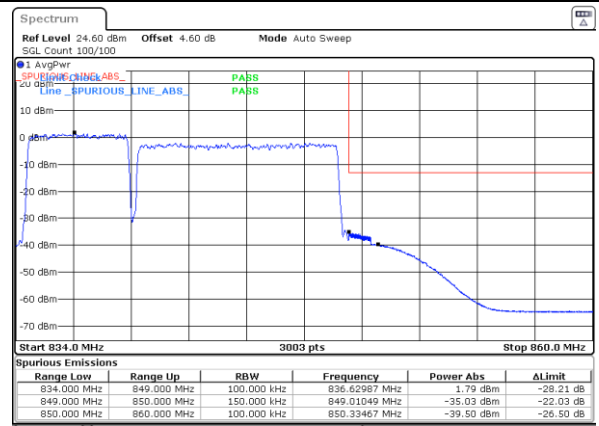
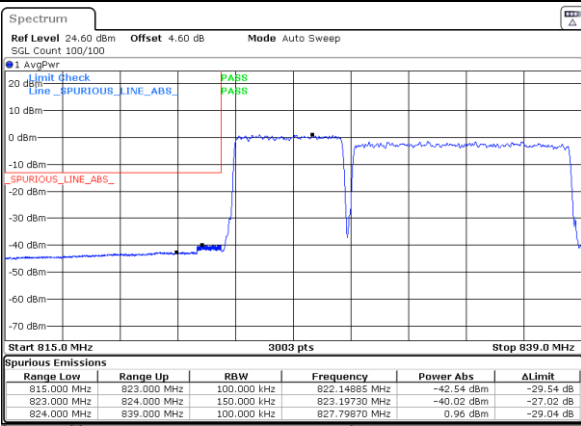


Date: 28_SEP.2023 21:46:56

Date: 28_SEP.2023 22:04:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 21:35:13

Date: 28_SEP.2023 21:52:54

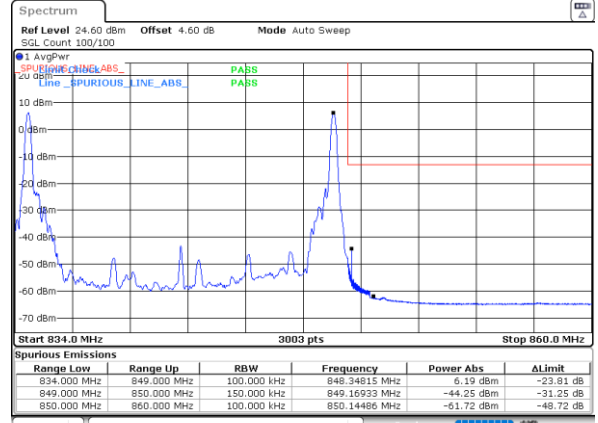
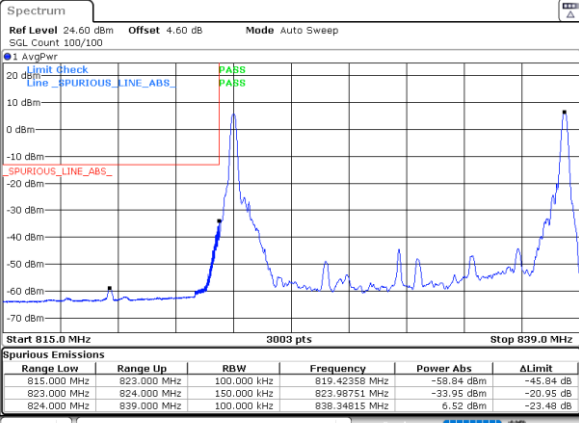


LTE Band 5B / 10MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

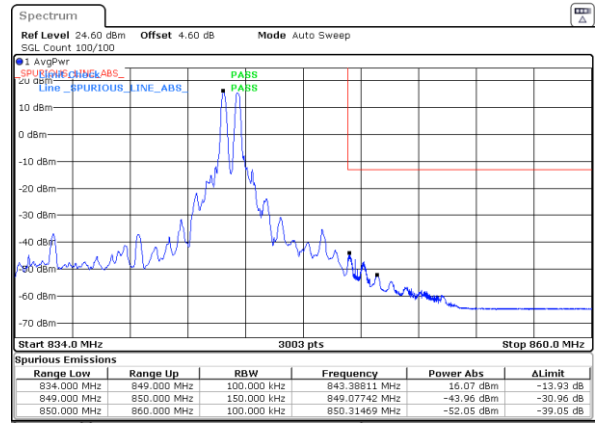
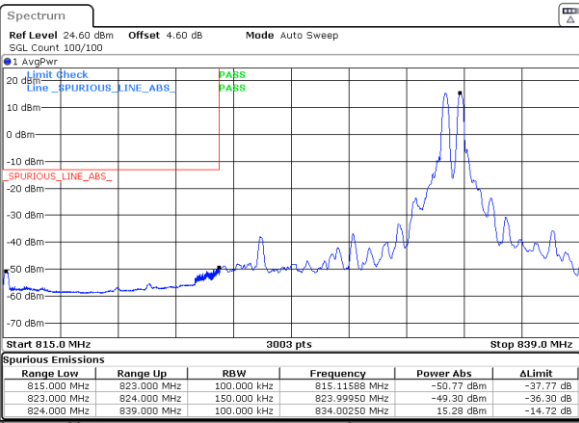


Date: 28_SEP.2023 22:17:02

Date: 28_SEP.2023 22:14:43

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

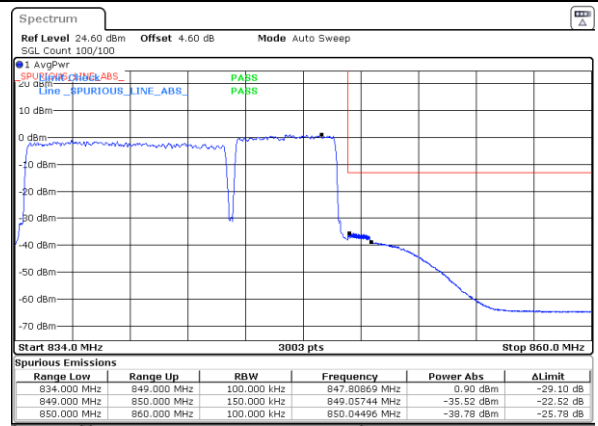
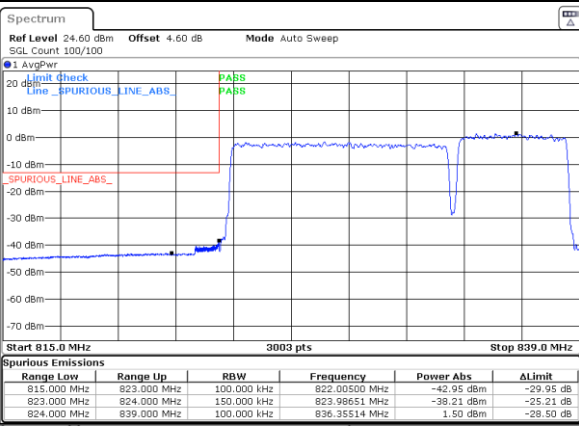


Date: 28_SEP.2023 22:22:53

Date: 28_SEP.2023 22:14:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 22:11:10

Date: 28_SEP.2023 22:28:52

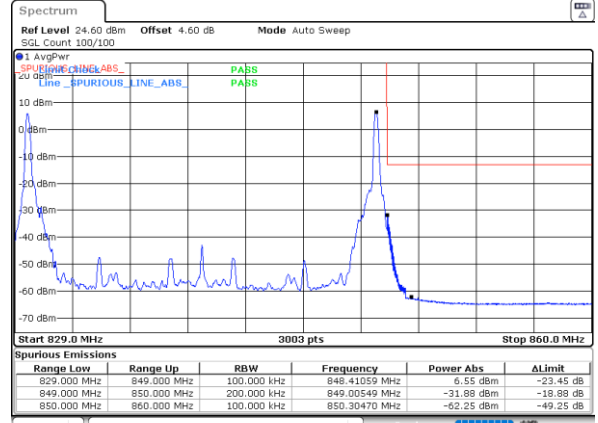
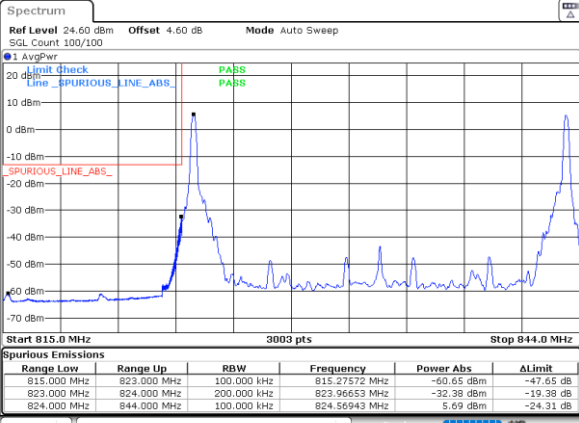


LTE Band 5B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

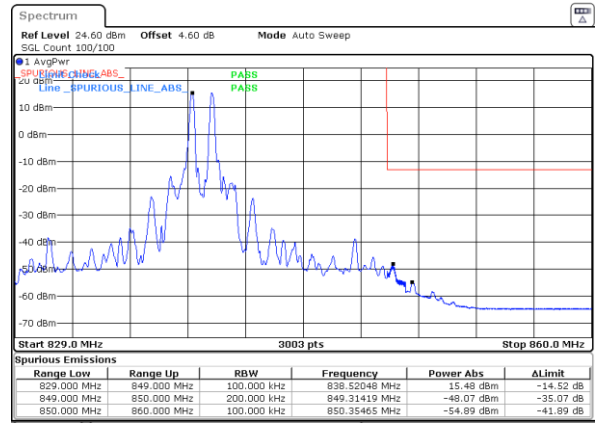
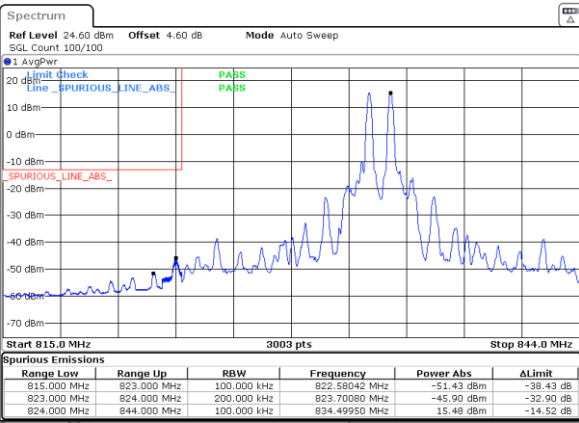


Date: 28_SEP.2023 22:52:24

Date: 28_SEP.2023 23:10:01

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

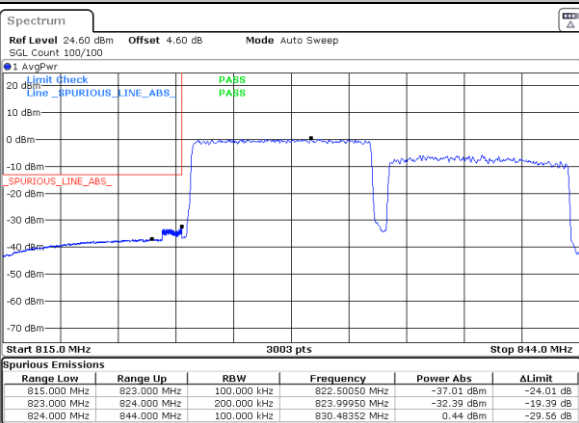


Date: 28_SEP.2023 22:58:16

Date: 28_SEP.2023 23:15:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 22:46:32

Date: 28_SEP.2023 23:04:10

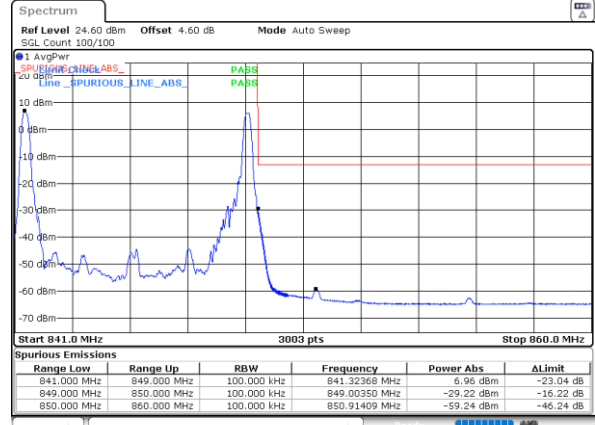
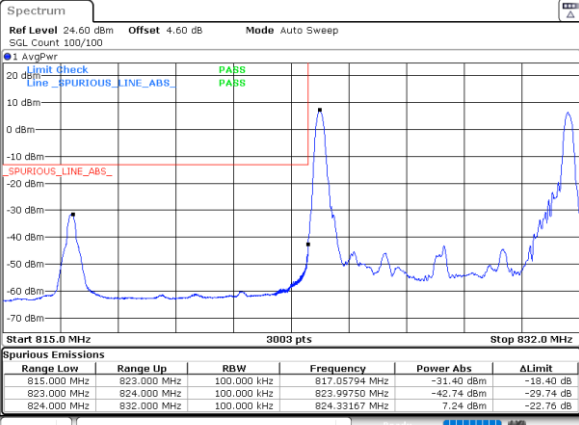


LTE Band 5B / 3MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

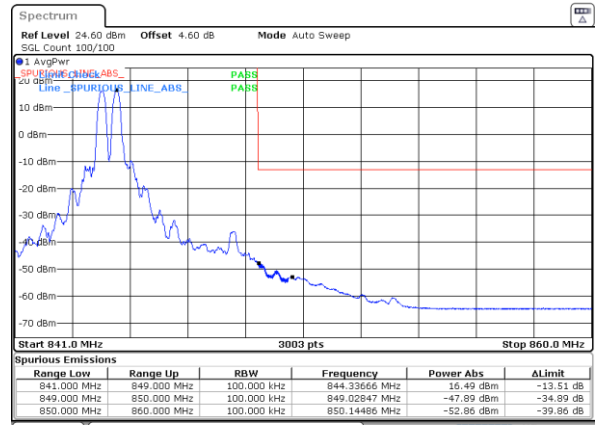
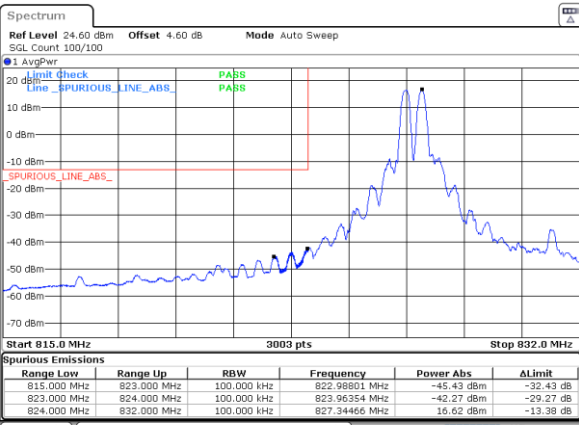


Date: 28_SEP.2023 20:05:25

Date: 28_SEP.2023 20:26:16

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

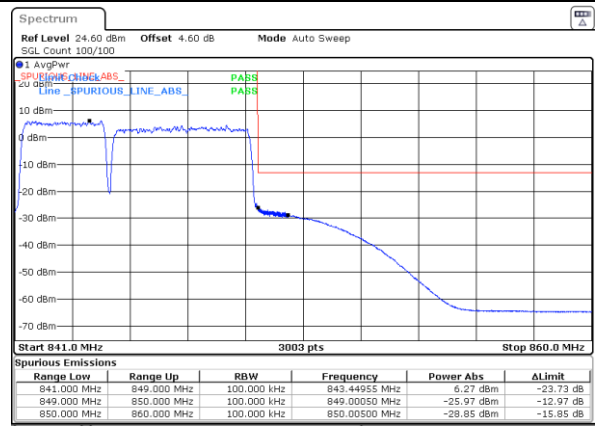
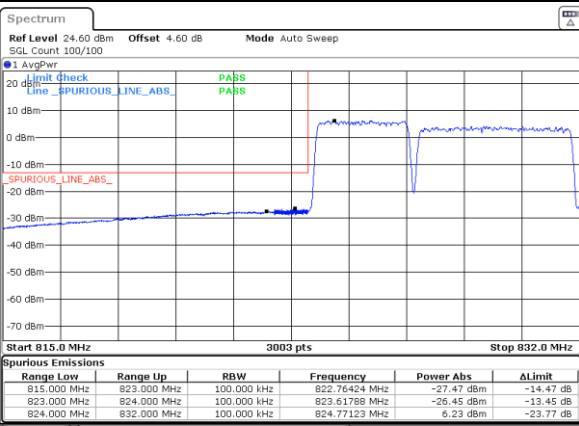


Date: 28_SEP.2023 20:11:16

Date: 28_SEP.2023 20:32:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 19:59:33

Date: 28_SEP.2023 20:20:24

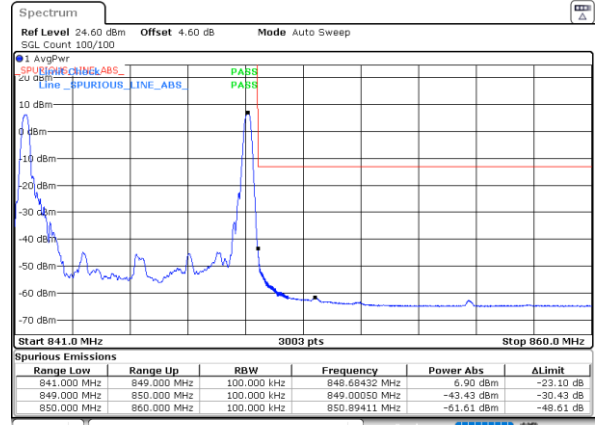
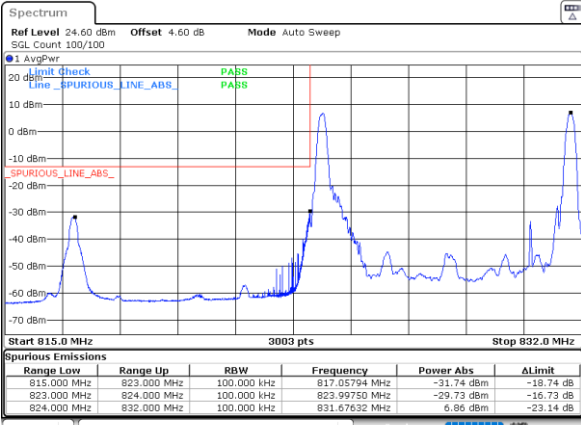


LTE Band 5B / 5MHz+3MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

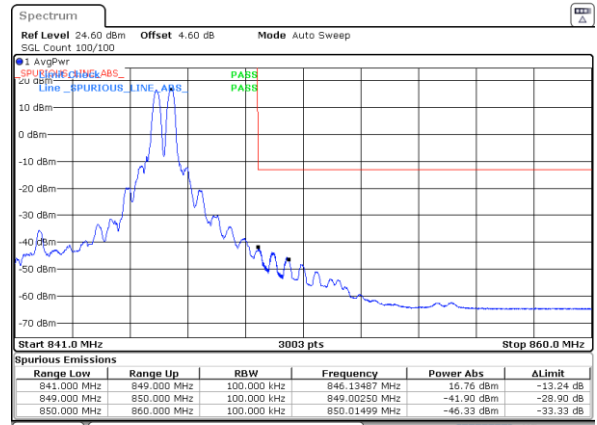
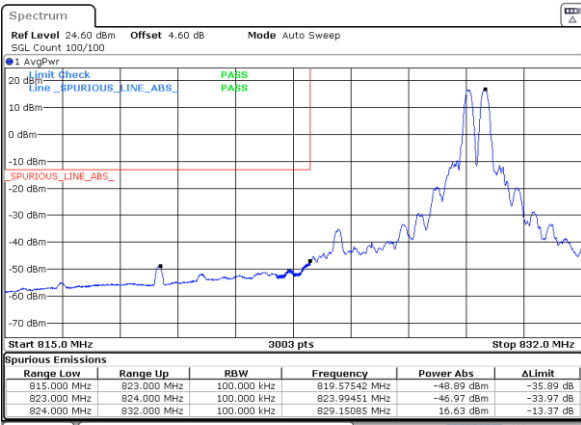


Date: 28_SEP.2023 20:43:57

Date: 28_SEP.2023 21:24:53

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

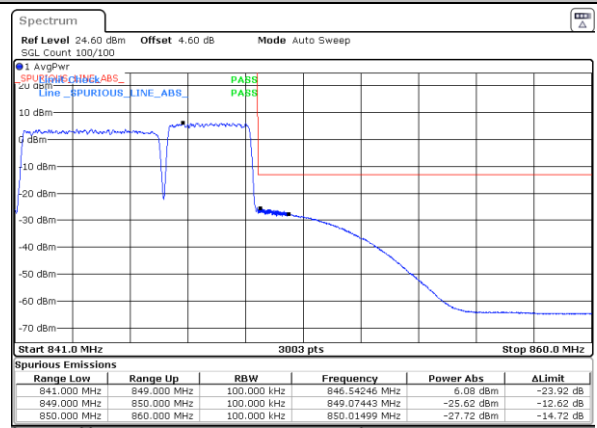
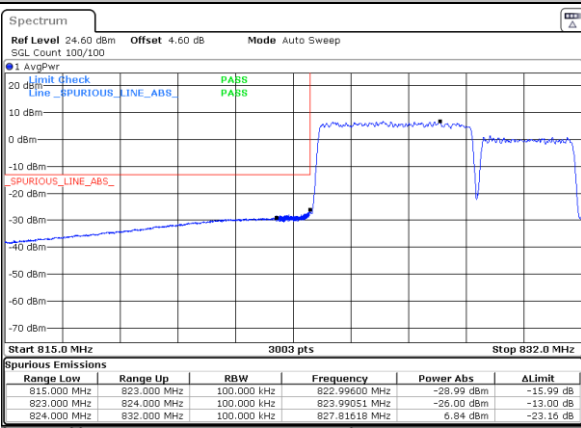


Date: 28_SEP.2023 20:49:48

Date: 28_SEP.2023 21:30:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 20:38:06

Date: 28_SEP.2023 21:19:02

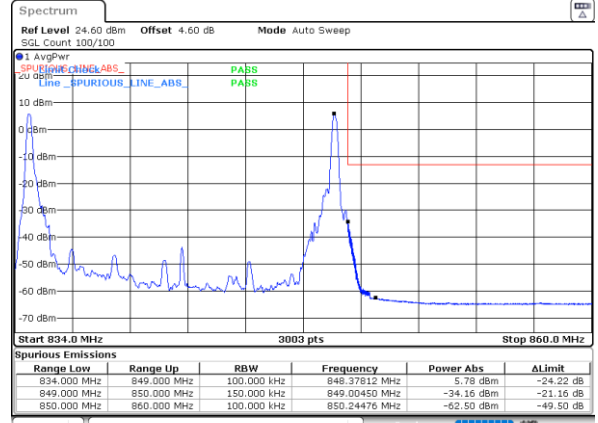
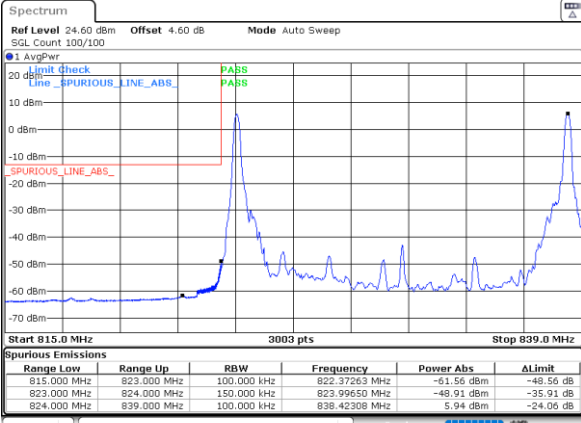


LTE Band 5B / 5MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

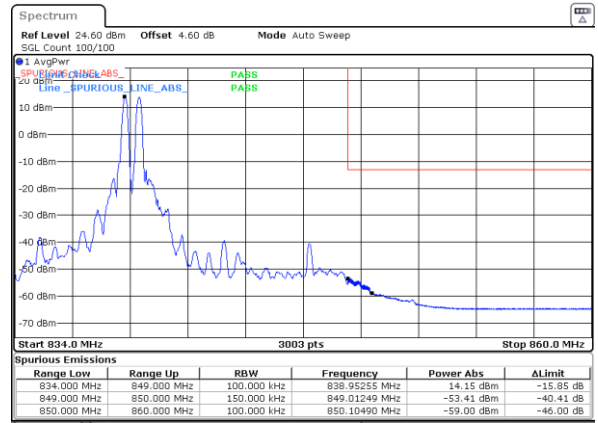
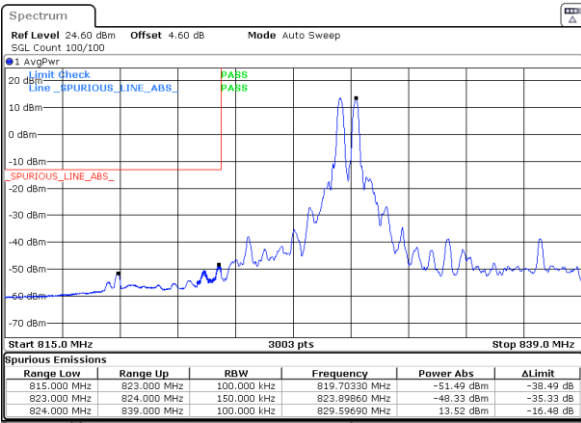


Date: 28_SEP.2023 21:43:02

Date: 28_SEP.2023 22:00:43

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

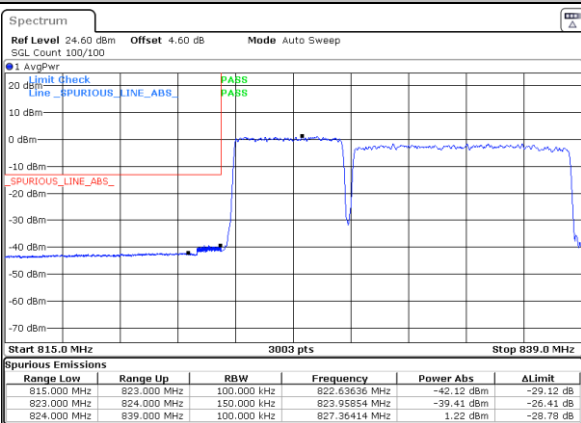


Date: 28_SEP.2023 21:48:53

Date: 28_SEP.2023 22:06:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28_SEP.2023 21:37:10

Date: 28_SEP.2023 21:54:51