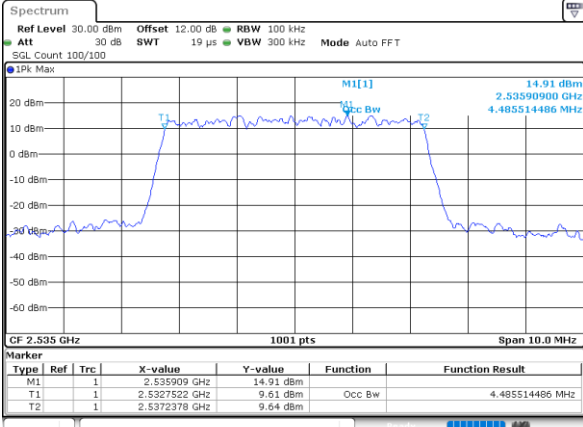




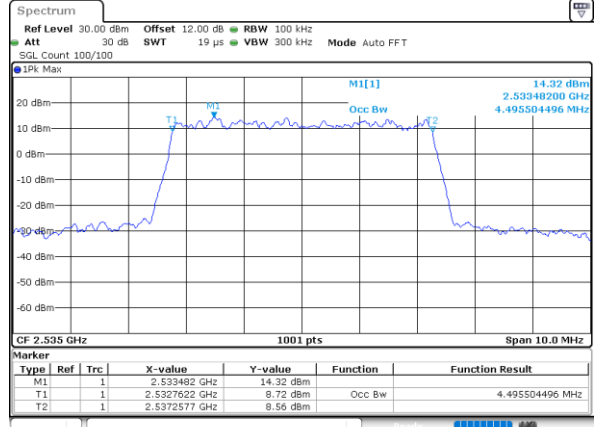
LTE Band 7

Middle Channel / 5MHz / QPSK



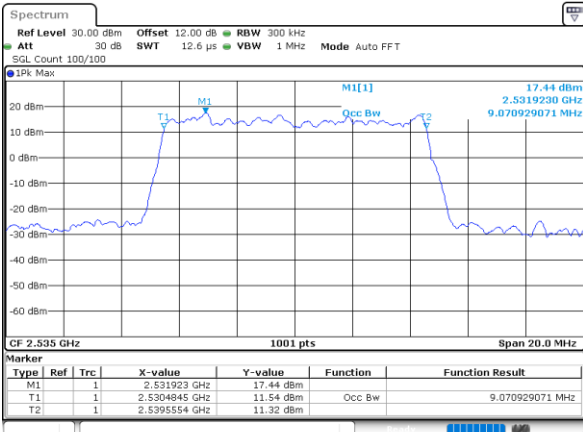
Date: 18.MAY.2023 14:15:27

Middle Channel / 5MHz / 16QAM



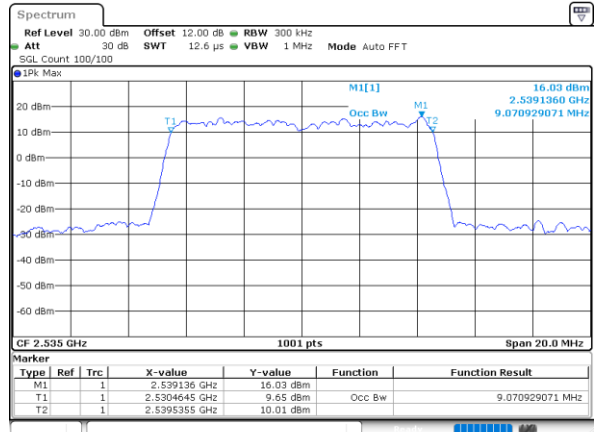
Date: 18.MAY.2023 14:15:56

Middle Channel / 10MHz / QPSK



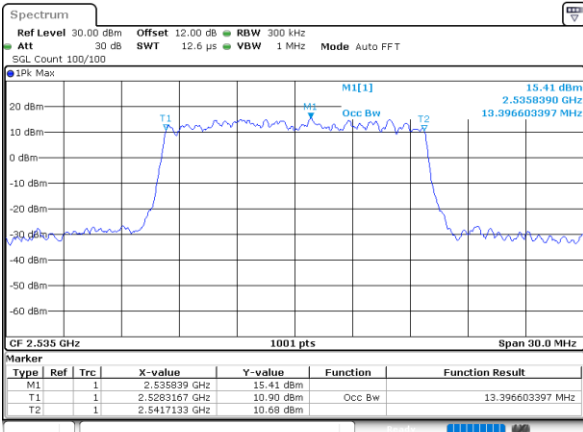
Date: 18.MAY.2023 14:30:23

Middle Channel / 10MHz / 16QAM



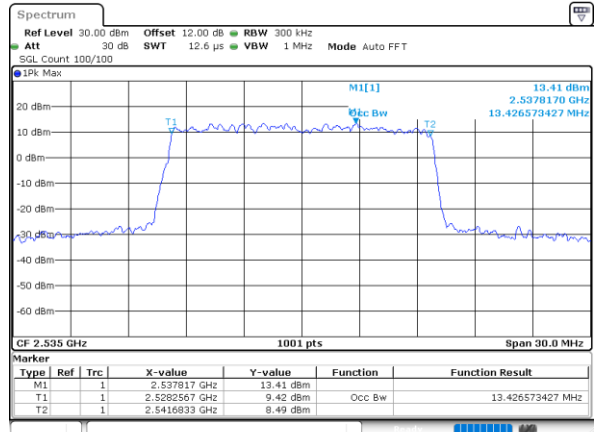
Date: 18.MAY.2023 14:30:52

Middle Channel / 15MHz / QPSK



Date: 18.MAY.2023 14:39:06

Middle Channel / 15MHz / 16QAM

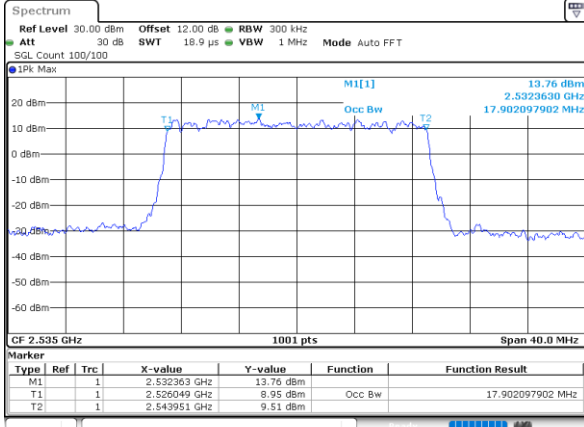


Date: 18.MAY.2023 14:39:35



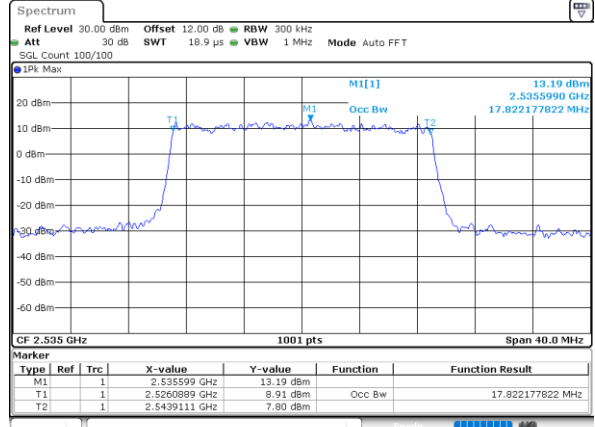
LTE Band 7

Middle Channel / 20MHz / QPSK



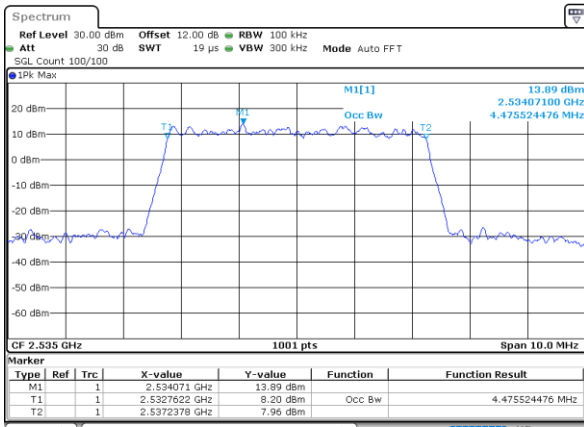
Date: 18.MAY.2023 14:47:47

Middle Channel / 20MHz / 16QAM



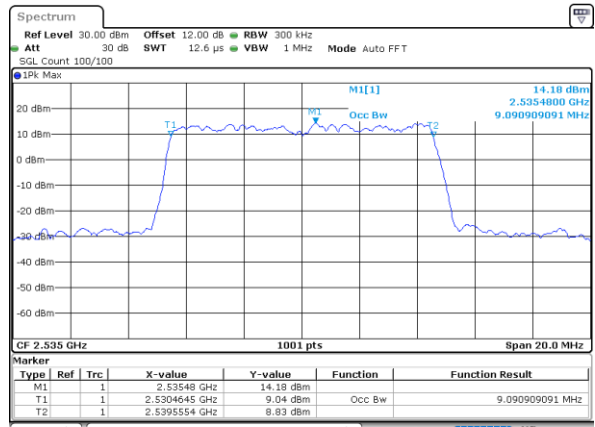
Date: 18.MAY.2023 14:48:16

Middle Channel / 5MHz / 64QAM



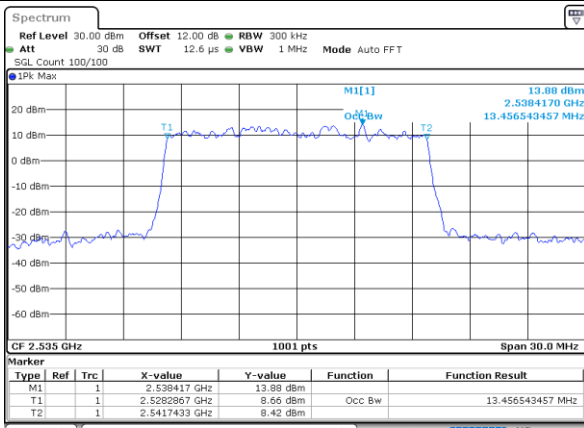
Date: 18.MAY.2023 14:25:06

Middle Channel / 10MHz / 64QAM



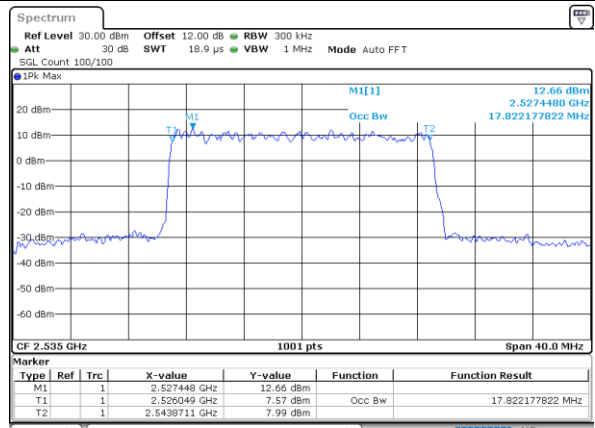
Date: 18.MAY.2023 14:35:18

Middle Channel / 15MHz / 64QAM



Date: 18.MAY.2023 14:44:00

Middle Channel / 20MHz / 64QAM



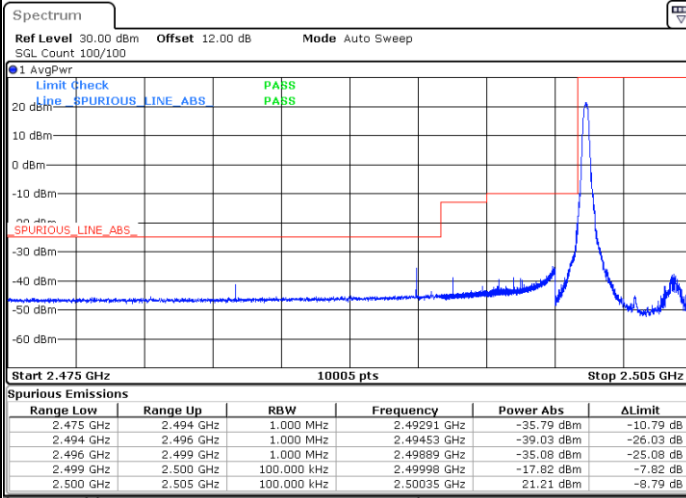
Date: 18.MAY.2023 14:52:42



Conducted Band Edge

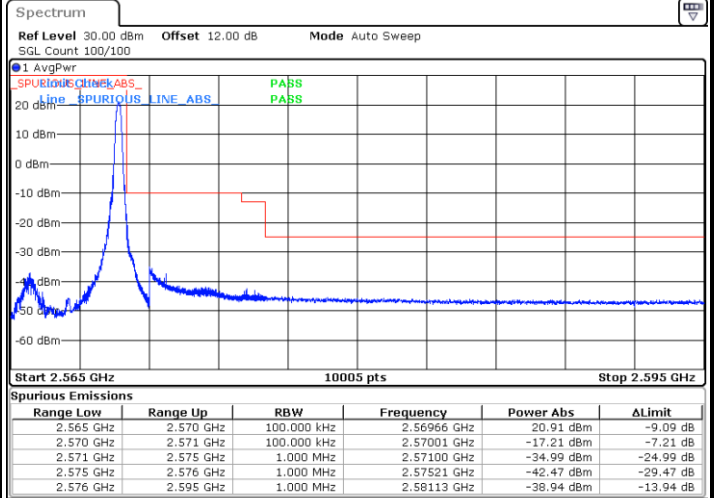
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



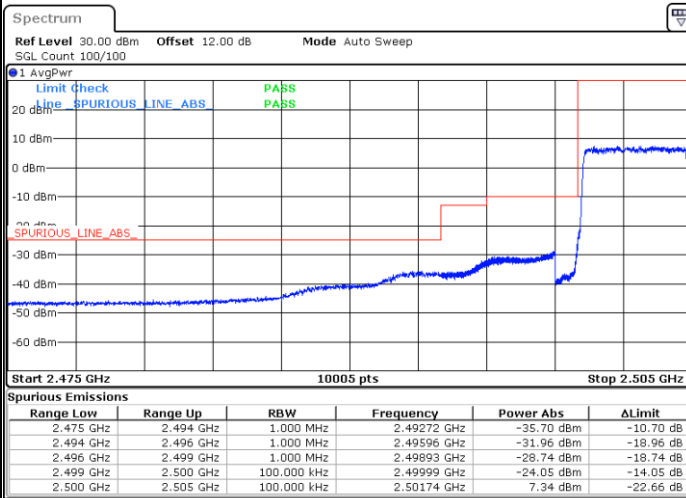
Date: 18.MAY.2023 14:10:49

Highest Band Edge / 1 RB



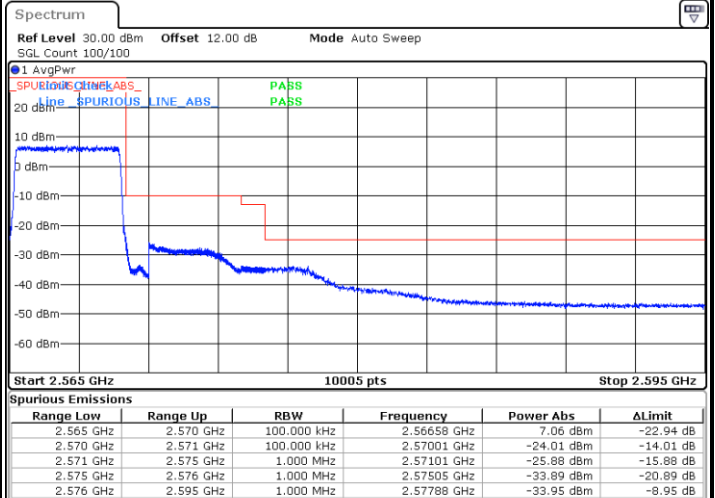
Date: 18.MAY.2023 14:18:59

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:12:49

Highest Band Edge / Full RB

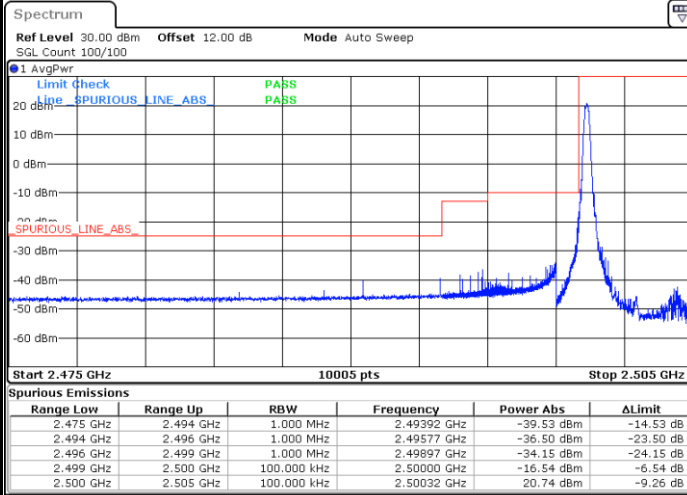


Date: 18.MAY.2023 14:20:58



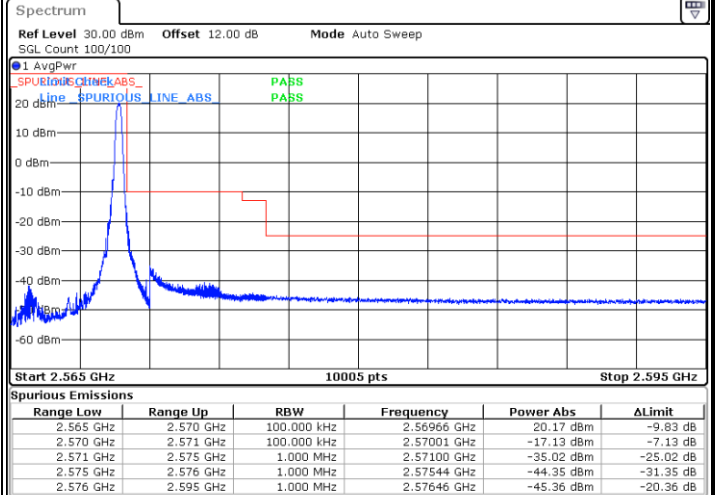
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



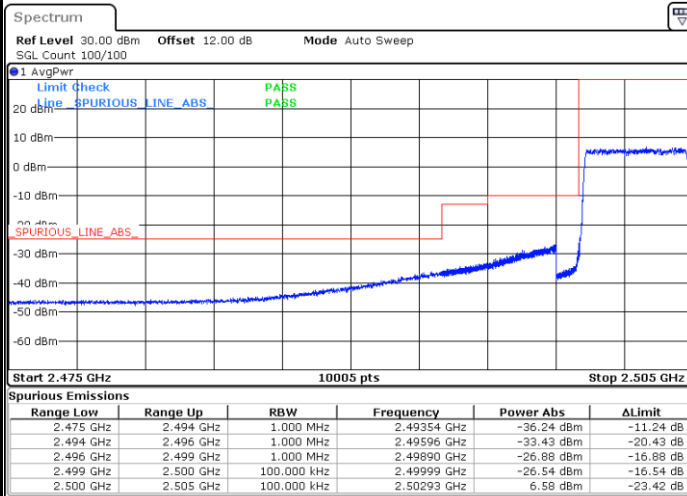
Date: 18.MAY.2023 14:11:49

Highest Band Edge / 1 RB



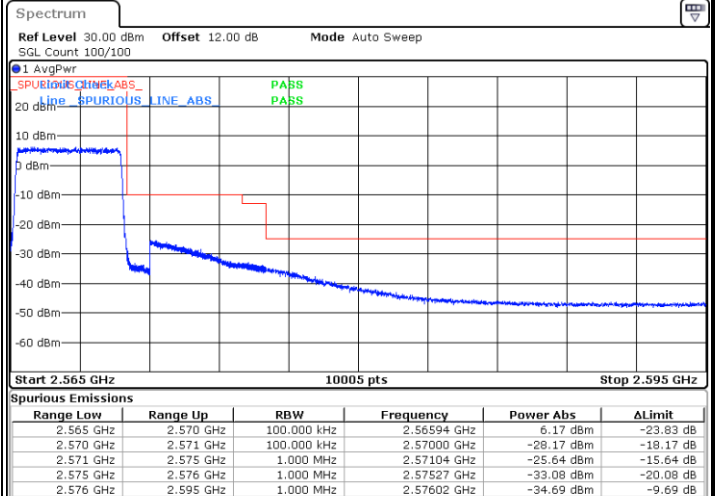
Date: 18.MAY.2023 14:19:59

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:13:49

Highest Band Edge / Full RB

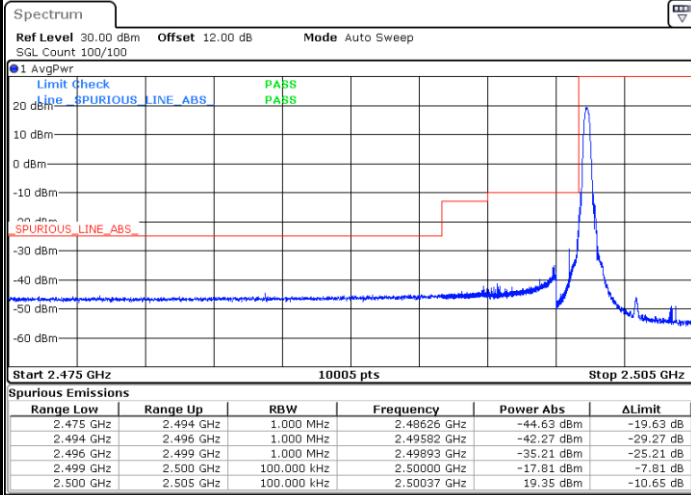


Date: 18.MAY.2023 14:21:58



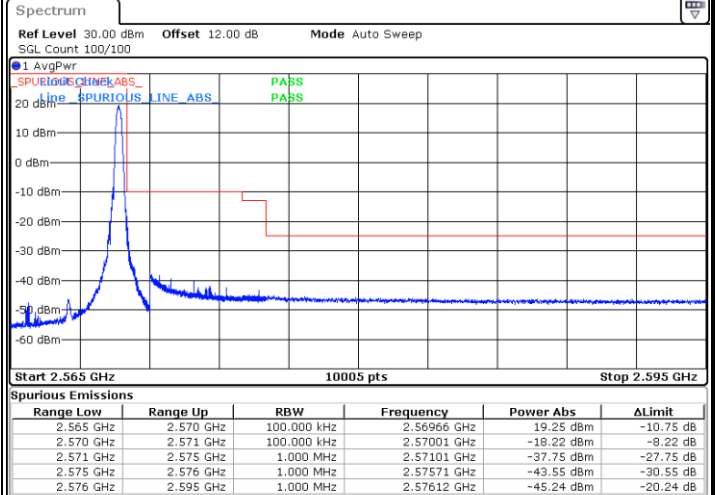
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



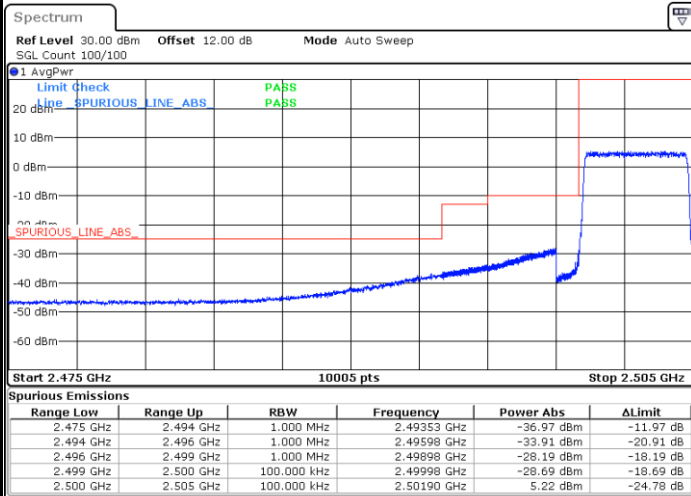
Date: 18.MAY.2023 14:24:06

Highest Band Edge / 1 RB



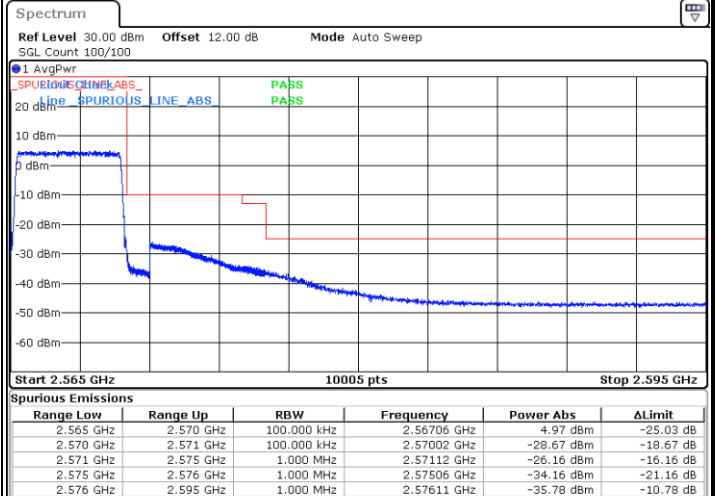
Date: 18.MAY.2023 14:26:49

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:25:06

Highest Band Edge / Full RB

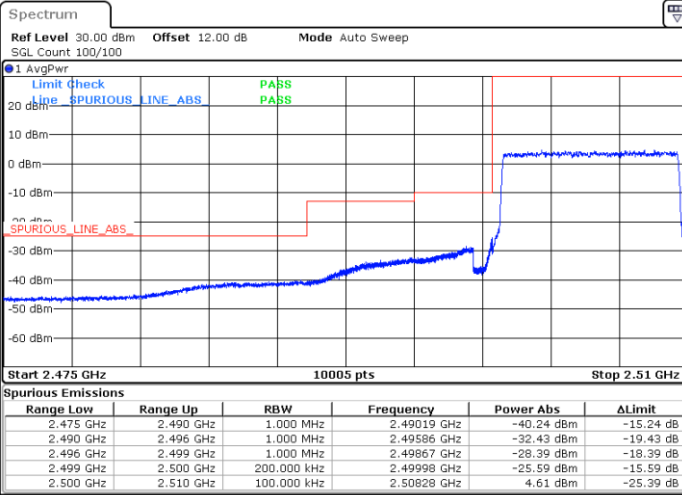


Date: 18.MAY.2023 14:27:48



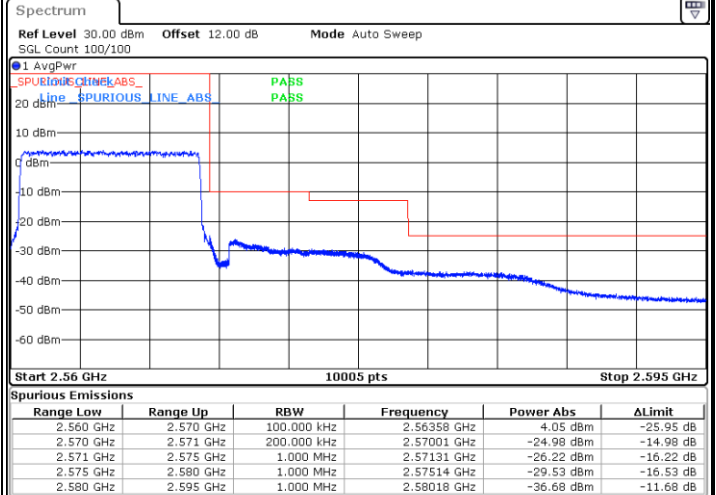
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:28:53

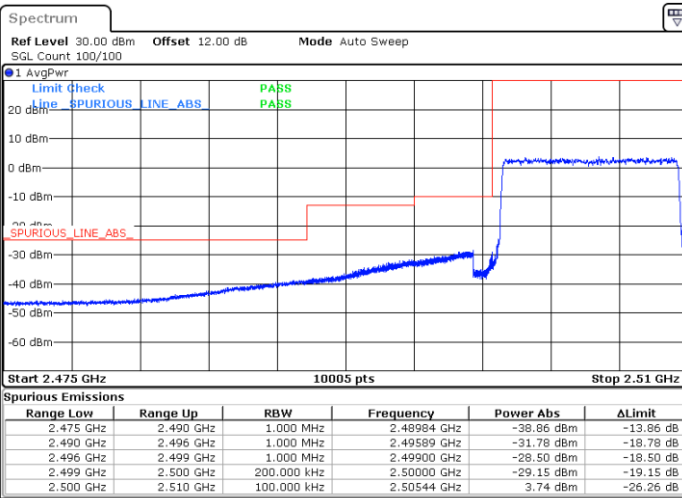
Highest Band Edge / Full RB



Date: 18.MAY.2023 14:32:48

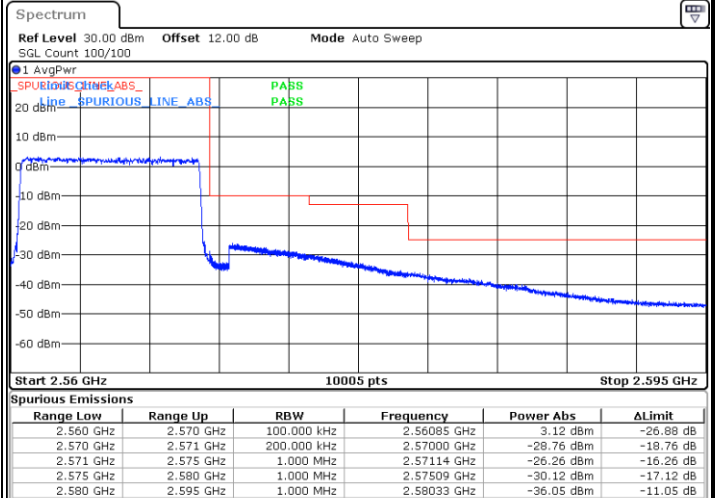
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:29:53

Highest Band Edge / Full RB



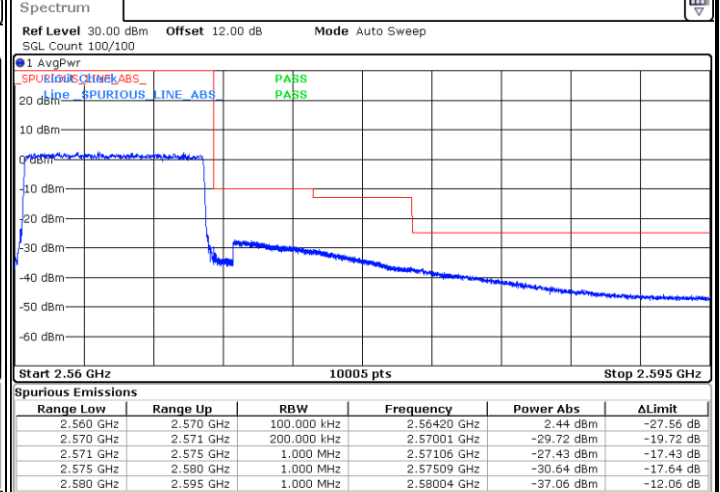
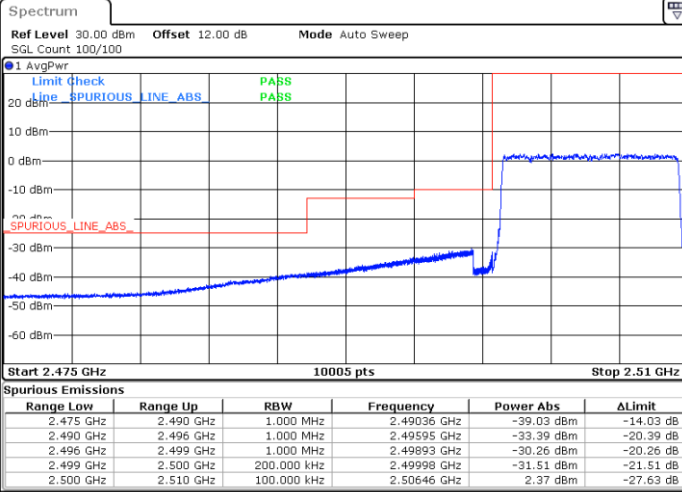
Date: 18.MAY.2023 14:33:48



LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



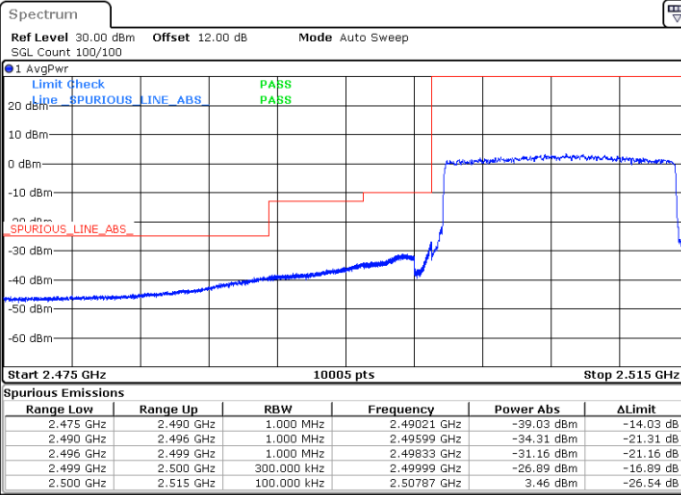
Date: 18.MAY.2023 14:34:48

Date: 18.MAY.2023 14:36:30



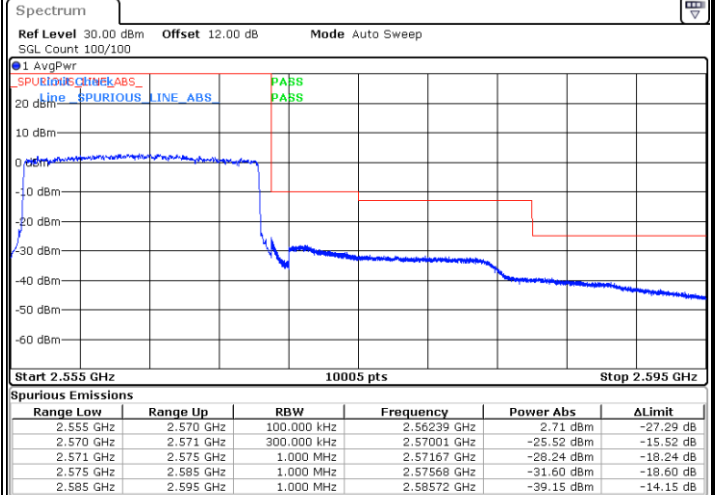
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:37:35

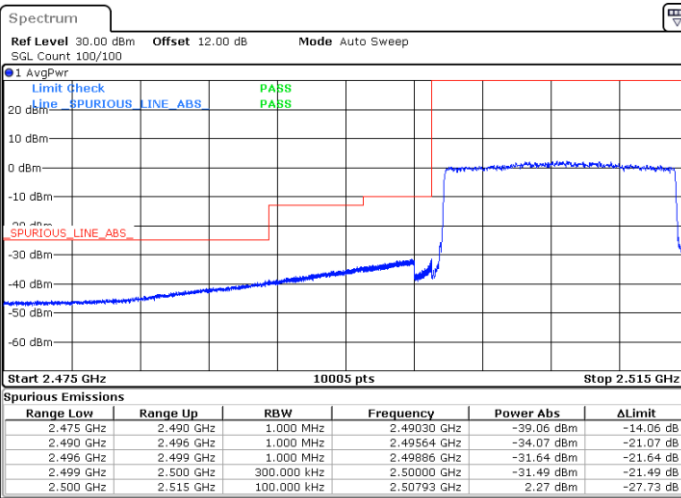
Highest Band Edge / Full RB



Date: 18.MAY.2023 14:41:31

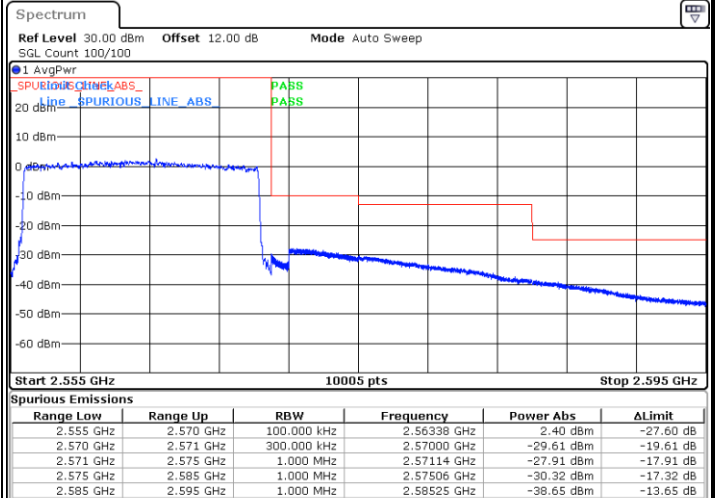
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:38:35

Highest Band Edge / Full RB



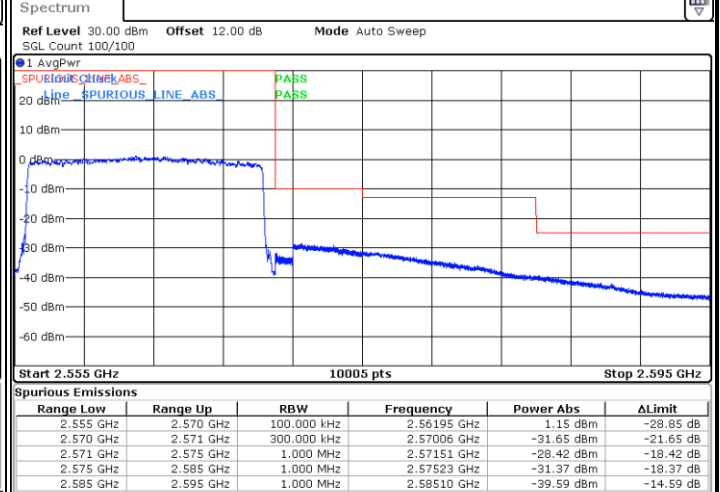
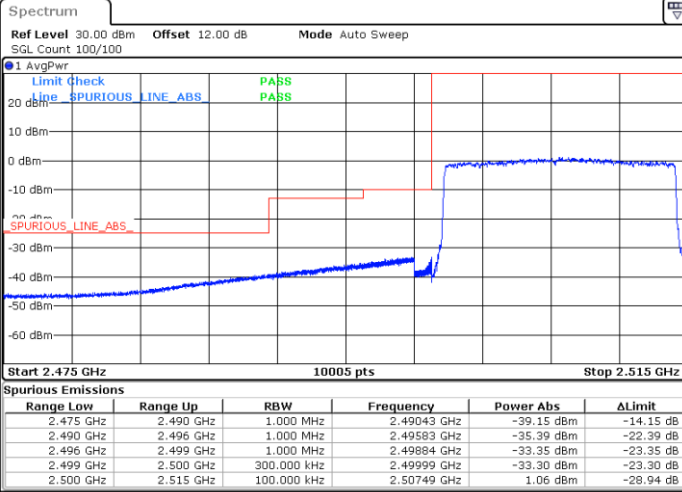
Date: 18.MAY.2023 14:42:31



LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



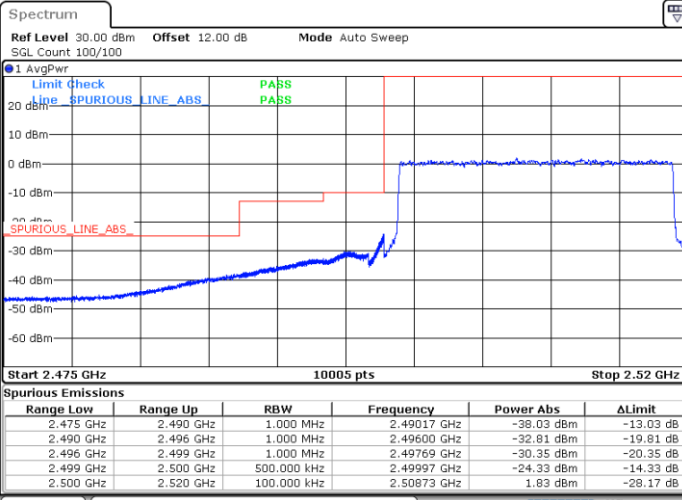
Date: 18.MAY.2023 14:43:31

Date: 18.MAY.2023 14:45:12



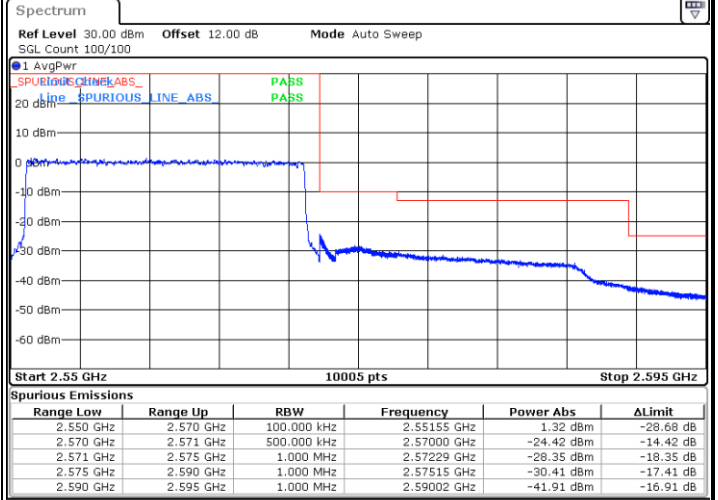
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:46:17

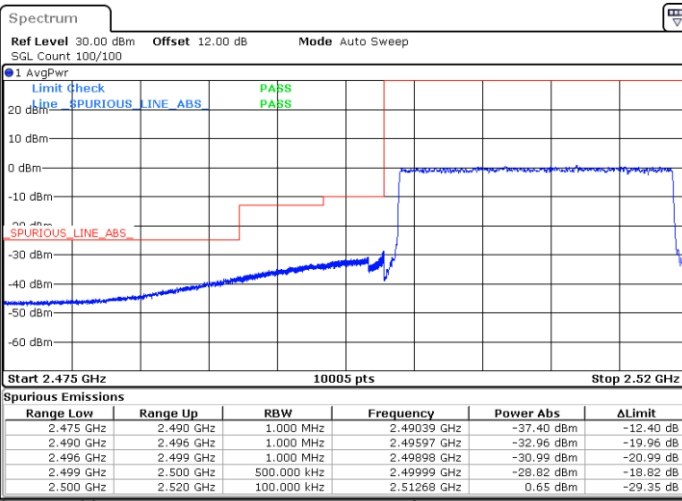
Highest Band Edge / Full RB



Date: 18.MAY.2023 14:51:12

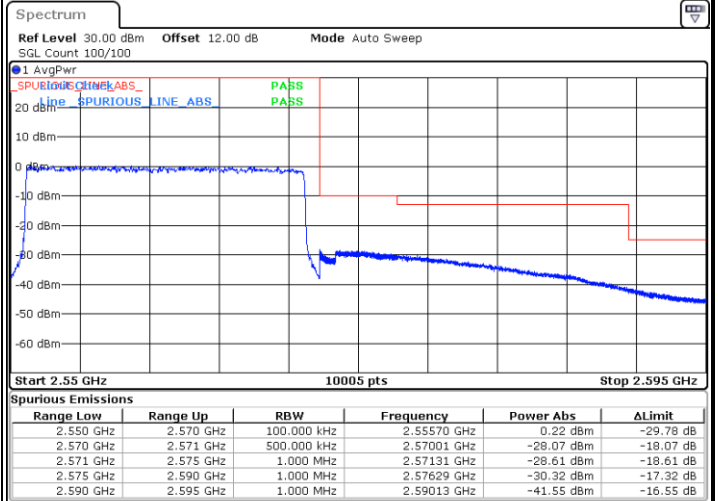
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 18.MAY.2023 14:47:17

Highest Band Edge / Full RB



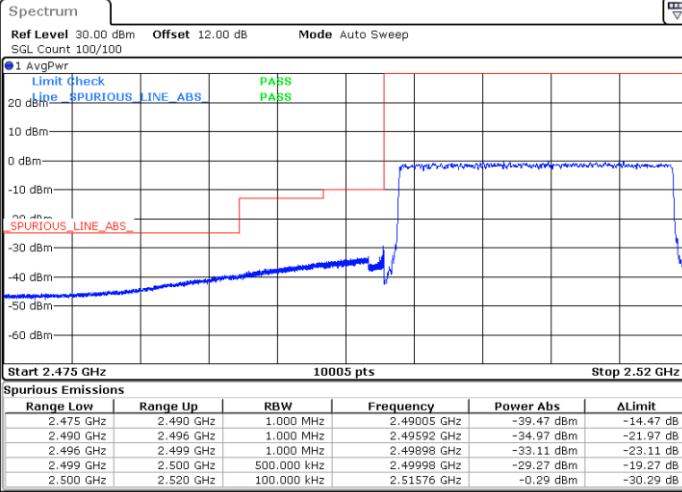
Date: 18.MAY.2023 14:50:12



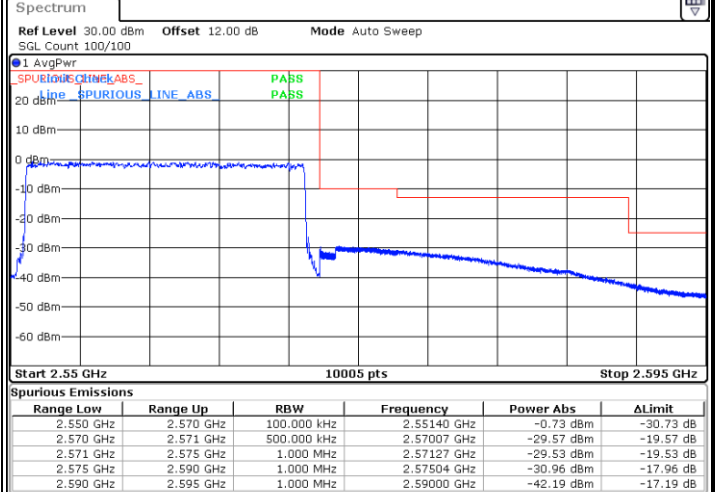
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.MAY.2023 14:52:12



Date: 18.MAY.2023 14:53:54

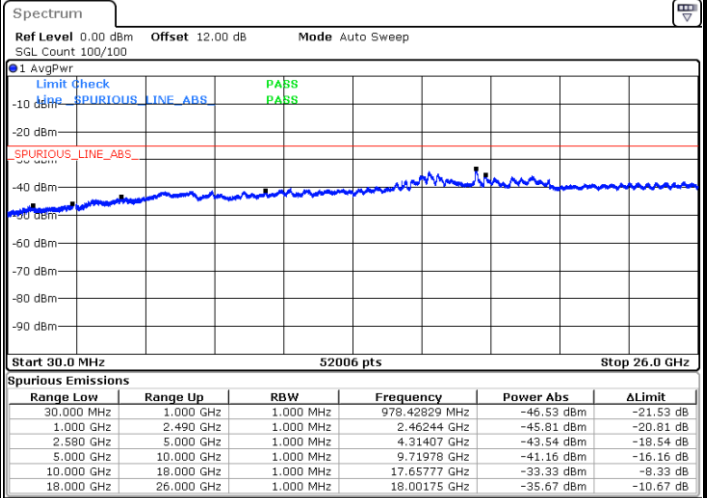
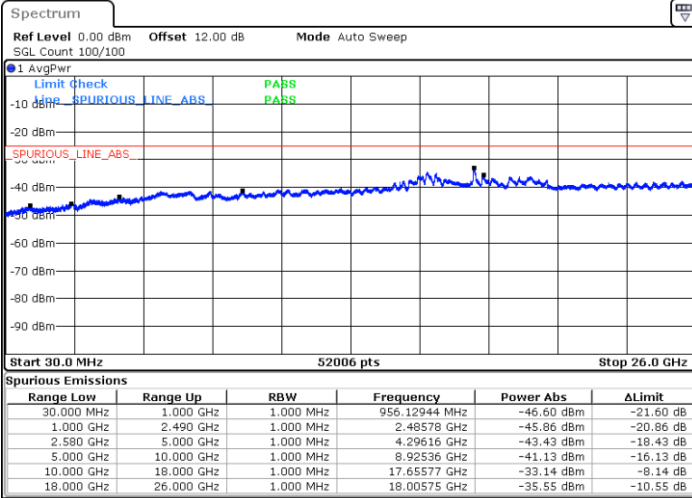


Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

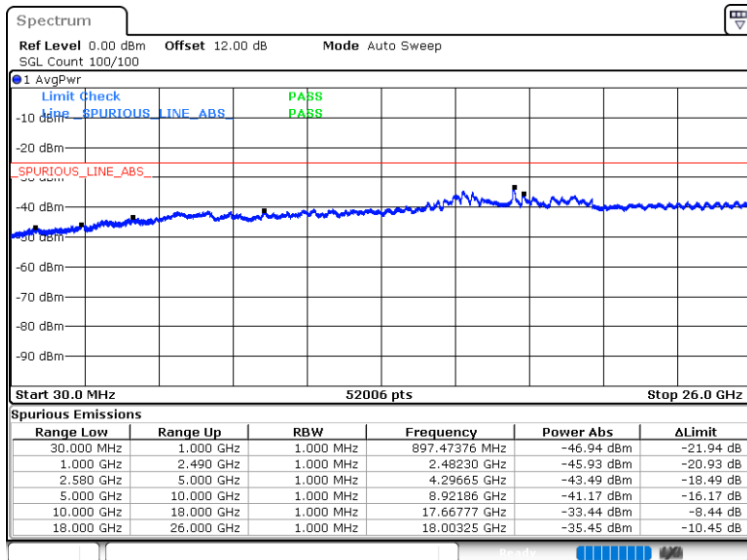
Middle Channel / QPSK



Date: 18.MAY.2023 14:14:57

Date: 18.MAY.2023 14:18:01

Highest Channel / QPSK

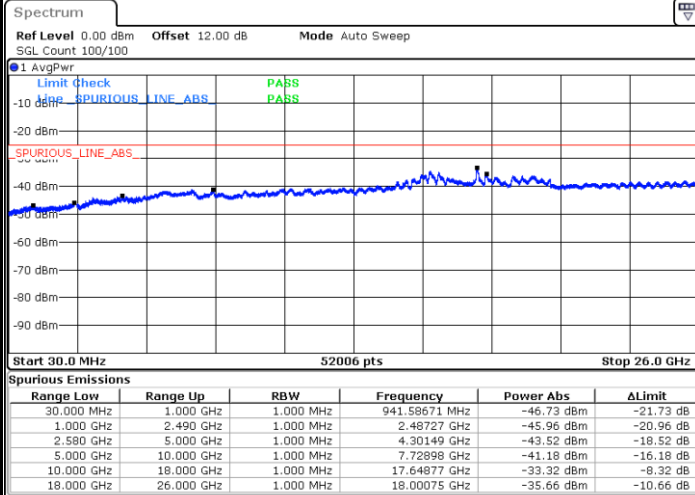


Date: 18.MAY.2023 14:23:07



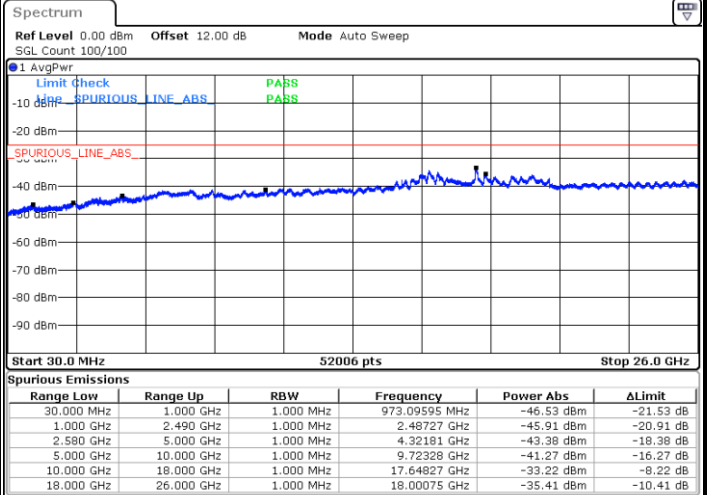
LTE Band 7 / 10MHz

Lowest Channel / QPSK



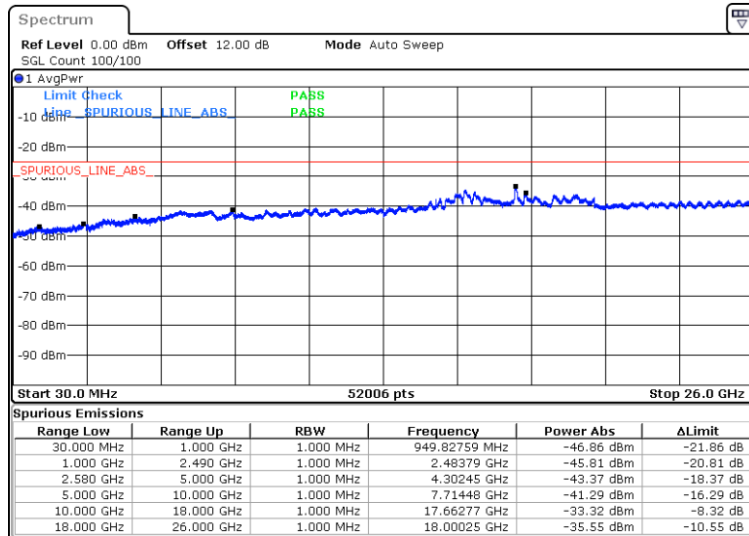
Date: 18.MAY.2023 15:01:41

Middle Channel / QPSK



Date: 18.MAY.2023 15:02:50

Highest Channel / QPSK



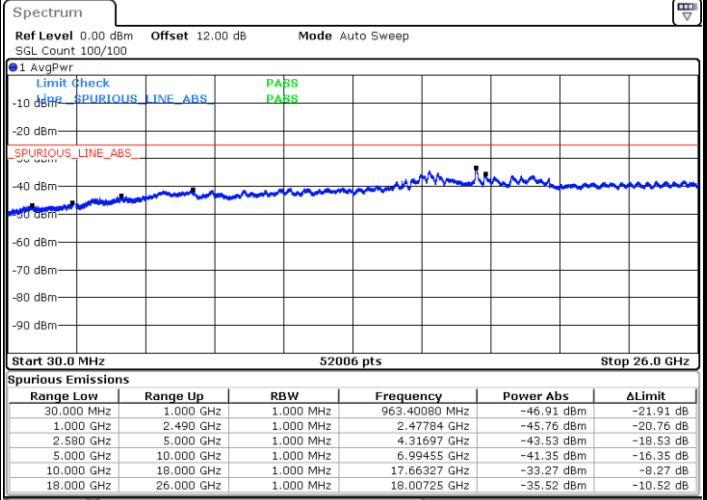
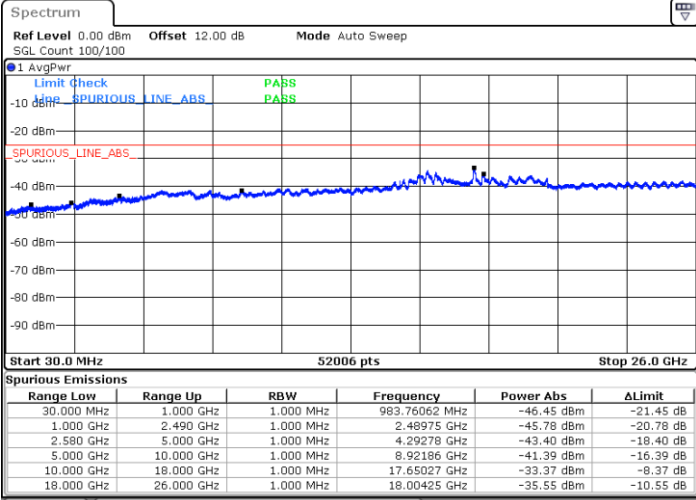
Date: 18.MAY.2023 15:03:57



LTE Band 7 / 15MHz

Lowest Channel / QPSK

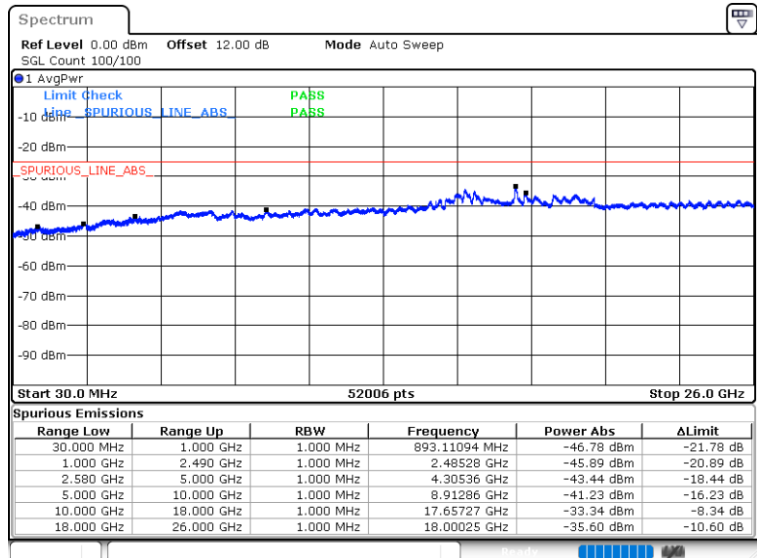
Middle Channel / QPSK



Date: 18.MAY.2023 15:25:37

Date: 18.MAY.2023 15:27:02

Highest Channel / QPSK



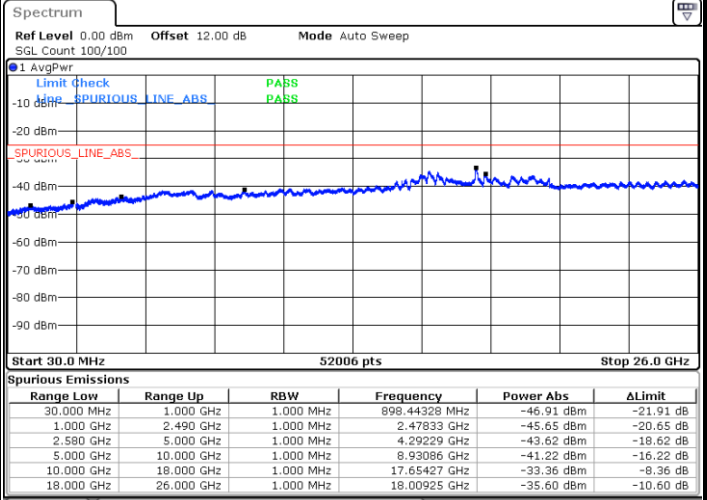
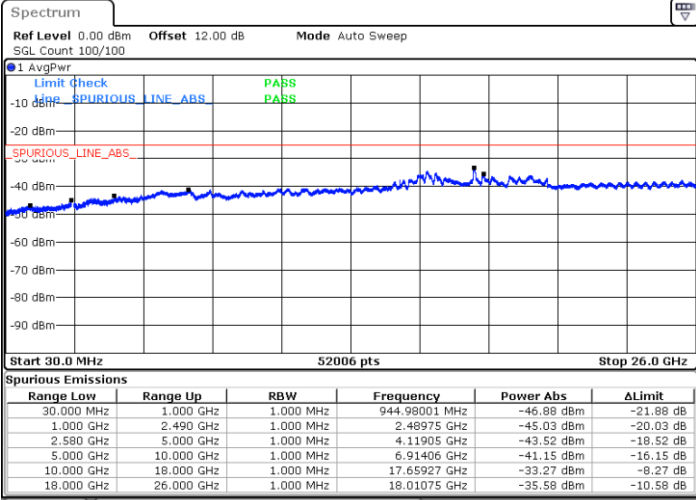
Date: 18.MAY.2023 15:28:10



LTE Band 7 / 20MHz

Lowest Channel / QPSK

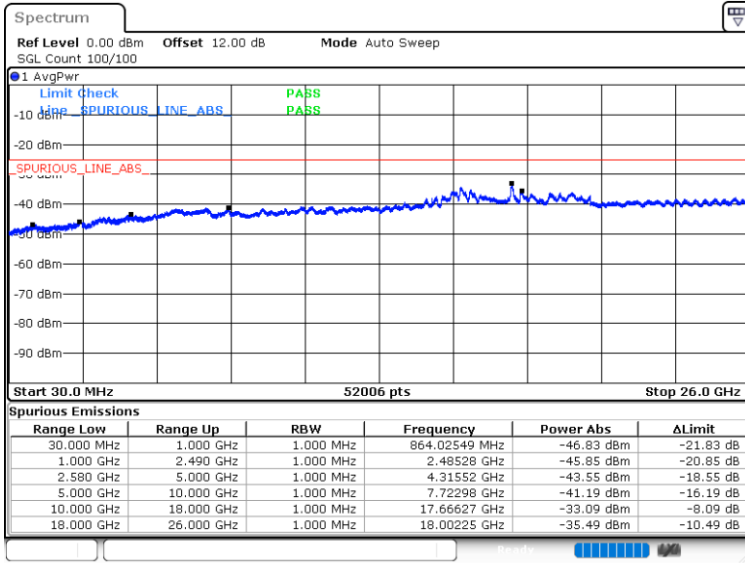
Middle Channel / QPSK



Date: 18.MAY.2023 15:29:25

Date: 18.MAY.2023 15:30:50

Highest Channel / QPSK



Date: 18.MAY.2023 15:31:58



Frequency Stability

| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0011 | PASS |
| 40 | Normal Voltage | 0.0028 | |
| 30 | Normal Voltage | 0.0007 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0030 | |
| 0 | Normal Voltage | 0.0043 | |
| -10 | Normal Voltage | 0.0029 | |
| 20 | Maximum Voltage | 0.0046 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0049 | |

Note:

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.42V. ; Maximum Voltage = 4.45 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|-----------|----------------------------|-------------|-------------|-------------|
| QPSK | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 29.91 | 25.38 | 30.57 | 34.83 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Middle CH | 30.39 | 34.97 | 39.88 | |

| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|-----------|----------------------------|-------------|-------------|-------------|
| 16QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 29.73 | 25.23 | 30.45 | 34.76 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Middle CH | 30.15 | 34.76 | 39.64 | |

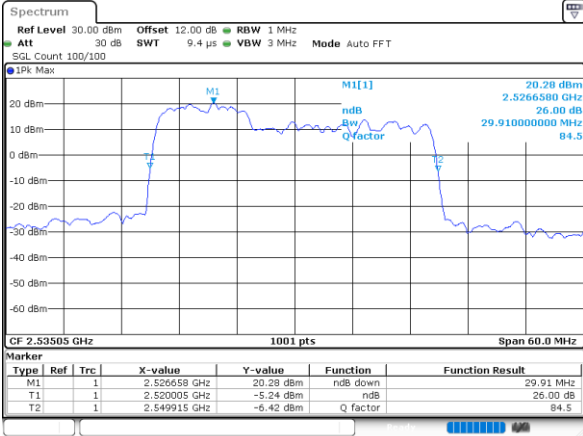
| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|-----------|----------------------------|-------------|-------------|-------------|
| 64QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 29.85 | 25.33 | 30.57 | 34.83 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Middle CH | 29.91 | 34.90 | 39.72 | |



LTE Band 7C

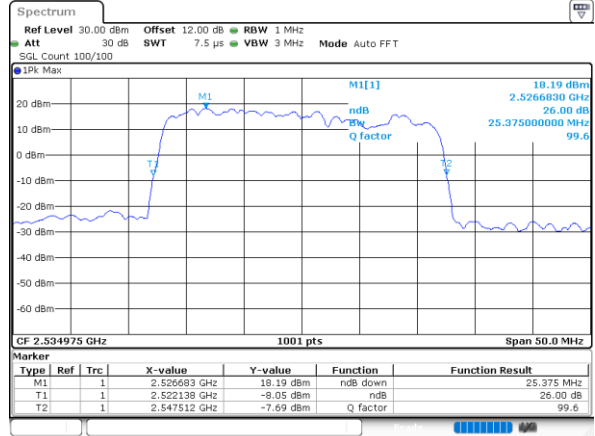
QPSK

Middle Channel / 10MHz+20MHz



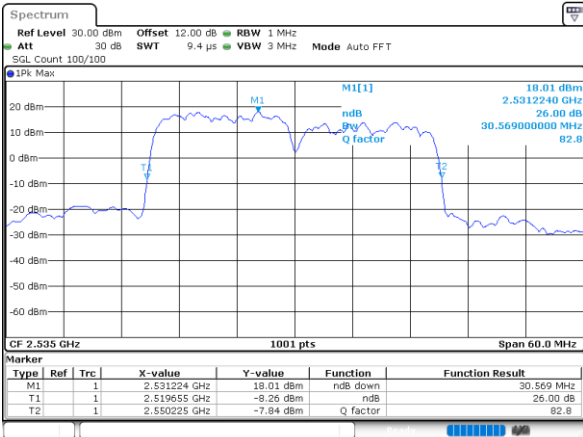
Date: 24.MAY.2023 15:11:37

Middle Channel / 15MHz+10MHz



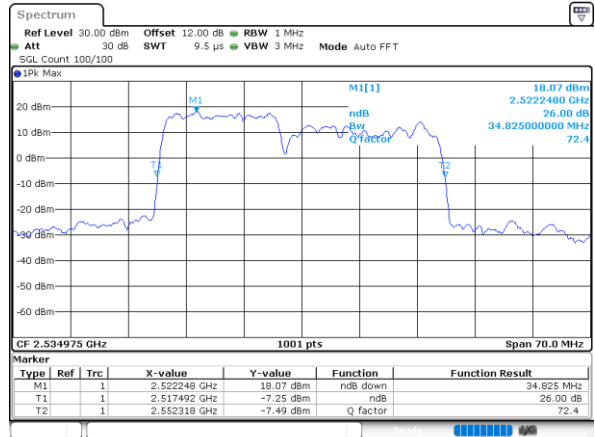
Date: 24.MAY.2023 23:15:50

Middle Channel / 15MHz+15MHz



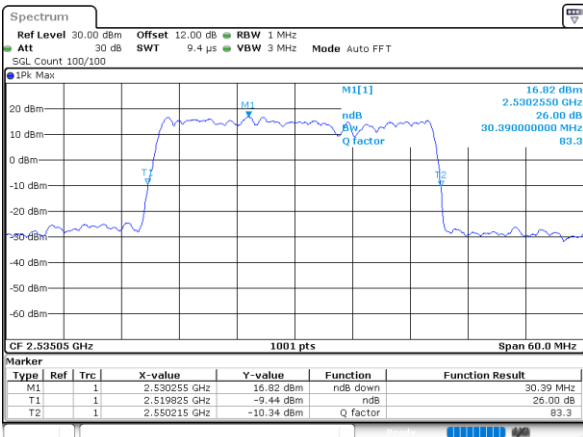
Date: 24.MAY.2023 17:14:25

Middle Channel / 15MHz+20MHz



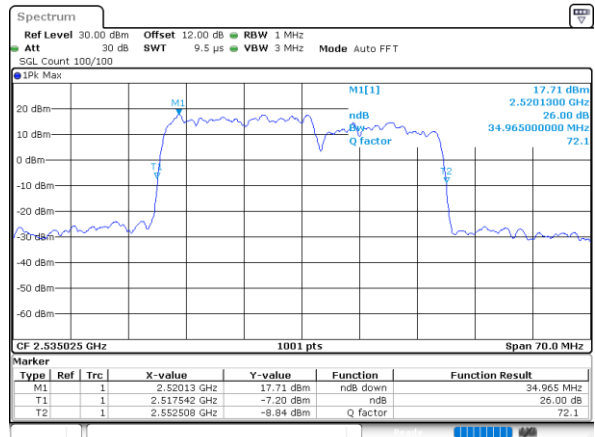
Date: 24.MAY.2023 19:38:38

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:19:33

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:29:08

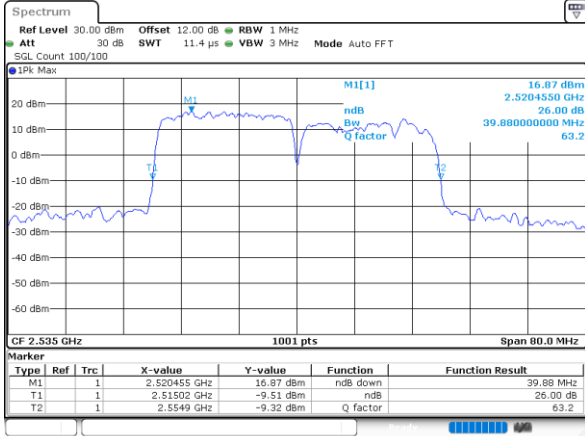


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

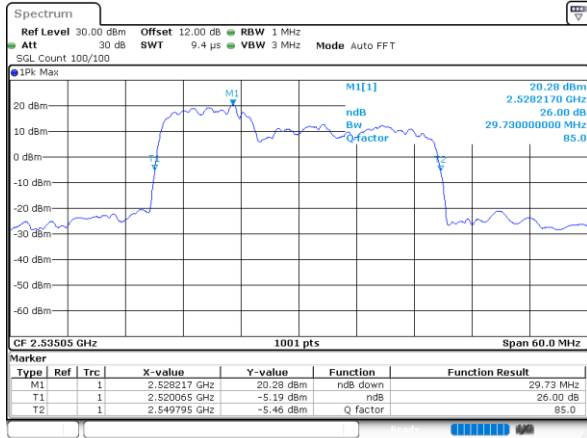




LTE Band 7C

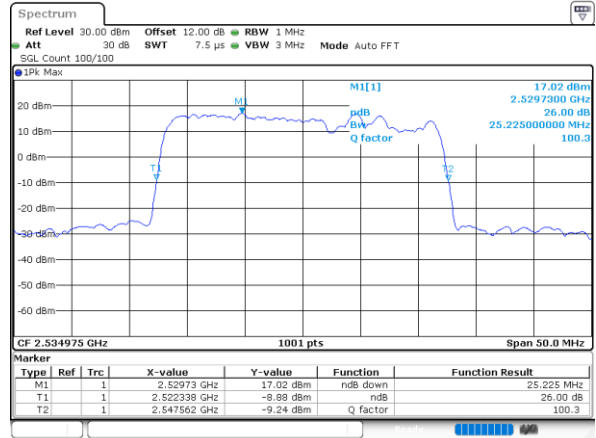
16QAM

Middle Channel / 10MHz+20MHz



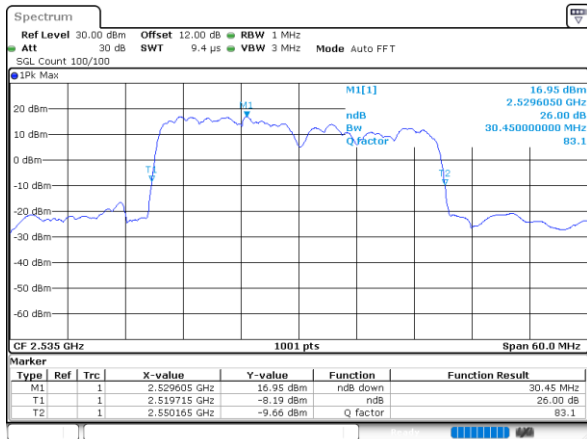
Date: 24.MAY.2023 15:11:01

Middle Channel / 15MHz+10MHz



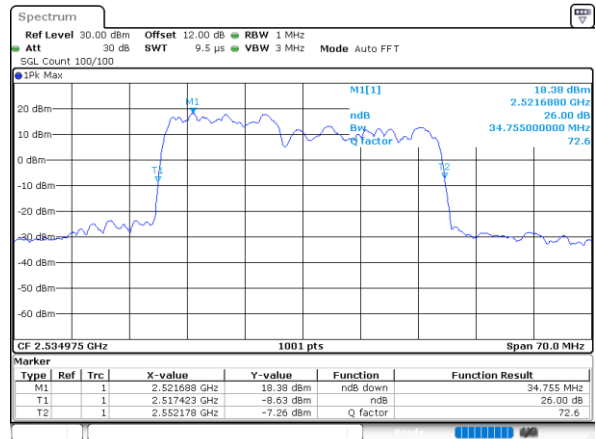
Date: 24.MAY.2023 23:15:13

Middle Channel / 15MHz+15MHz



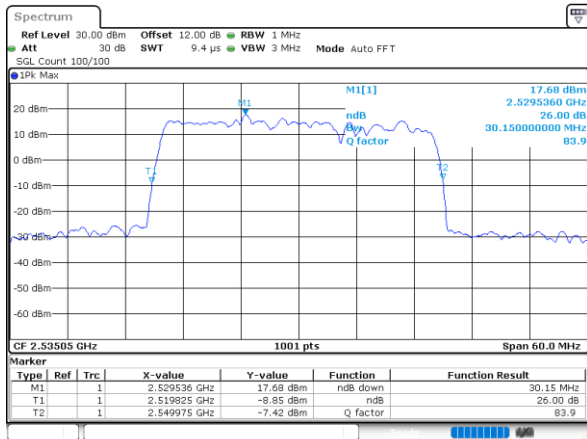
Date: 24.MAY.2023 17:13:53

Middle Channel / 15MHz+20MHz



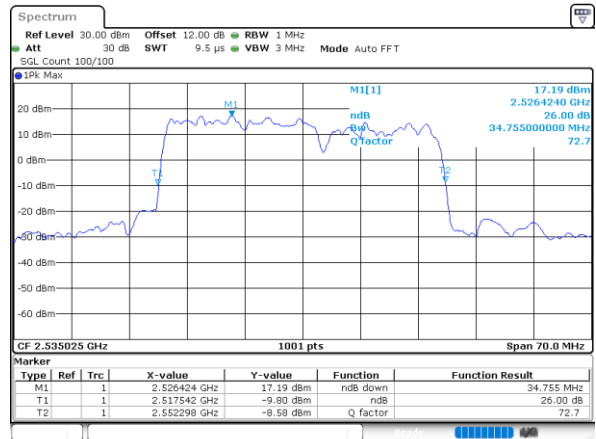
Date: 24.MAY.2023 19:38:07

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:18:57

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:28:38

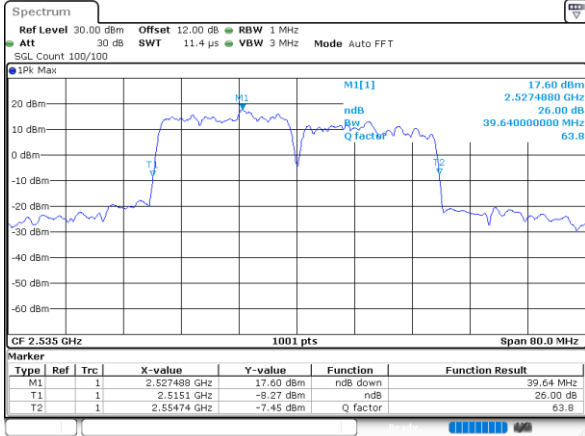


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

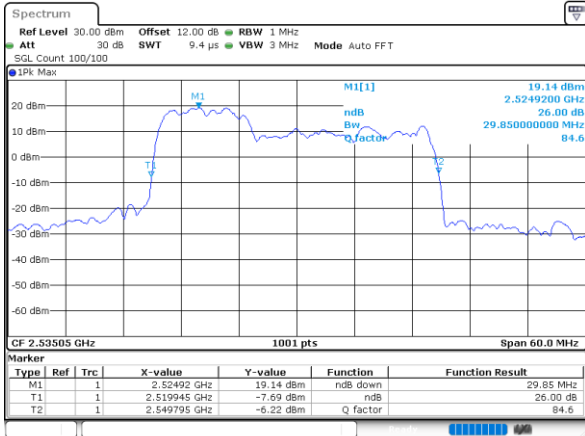




LTE Band 7C

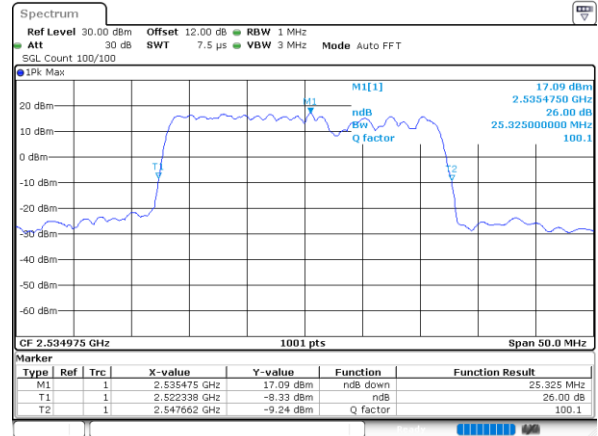
64QAM

Middle Channel / 10MHz+20MHz



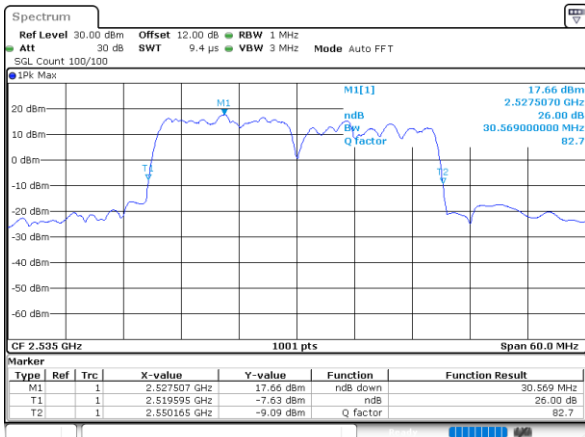
Date: 24.MAY.2023 15:10:25

Middle Channel / 15MHz+10MHz



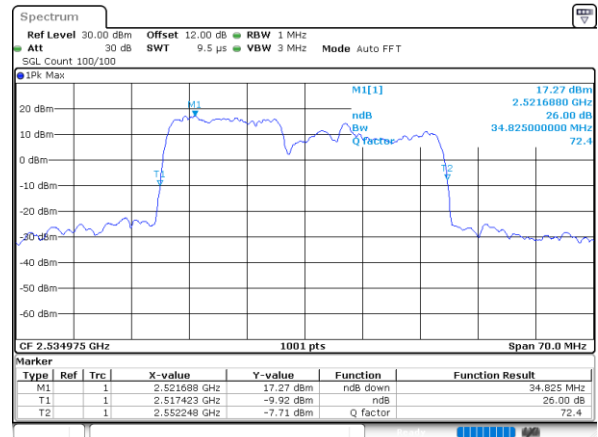
Date: 24.MAY.2023 23:14:33

Middle Channel / 15MHz+15MHz



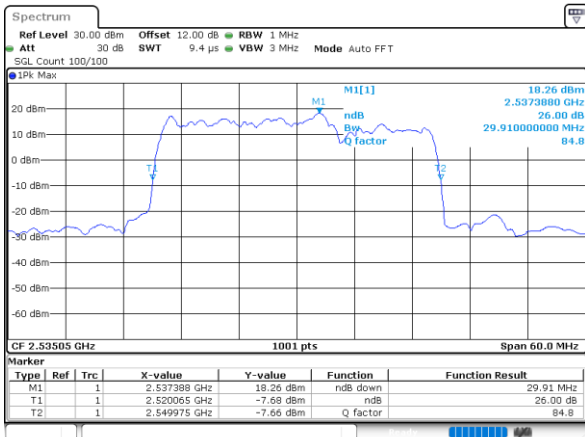
Date: 24.MAY.2023 17:13:22

Middle Channel / 15MHz+20MHz



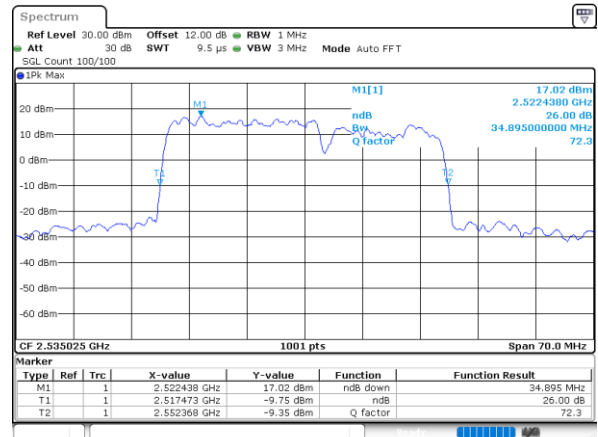
Date: 24.MAY.2023 19:37:36

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:18:21

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:28:07

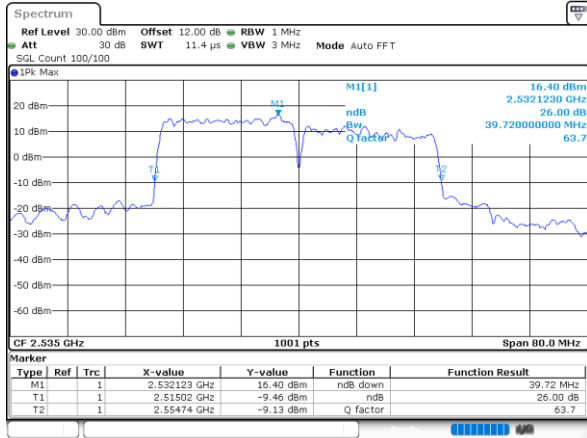


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A





Occupied Bandwidth

| Mode | LTE Band 7C : 99%OBW(MHz) | | | |
|-----------|---------------------------|-------------|-------------|-------------|
| QPSK | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 27.81 | 23.38 | 28.59 | 32.94 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Middle CH | 28.11 | 32.80 | 37.48 | |

| Mode | LTE Band 7C : 99%OBW(MHz) | | | |
|-----------|---------------------------|-------------|-------------|-------------|
| 16QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 28.17 | 23.48 | 28.59 | 32.59 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Middle CH | 27.93 | 32.59 | 37.80 | |

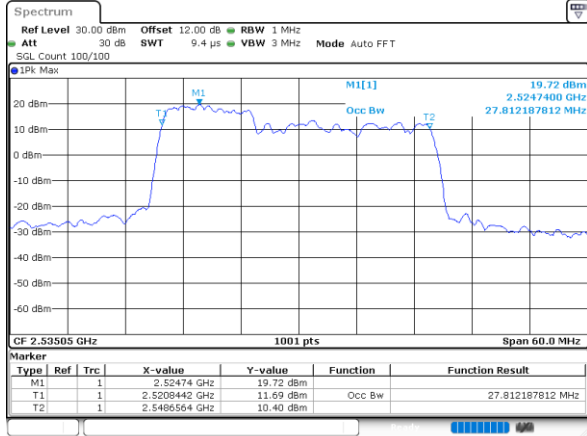
| Mode | LTE Band 7C : 99%OBW(MHz) | | | |
|-----------|---------------------------|-------------|-------------|-------------|
| 64QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 27.93 | 23.43 | 28.77 | 32.66 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Middle CH | 28.11 | 32.87 | 37.40 | |



LTE Band 7C

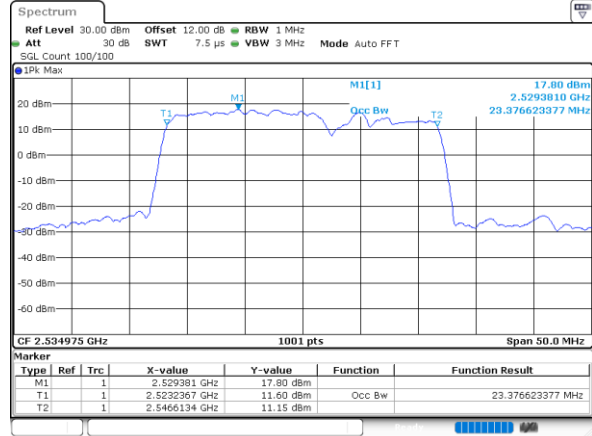
QPSK

Middle Channel / 10MHz+20MHz



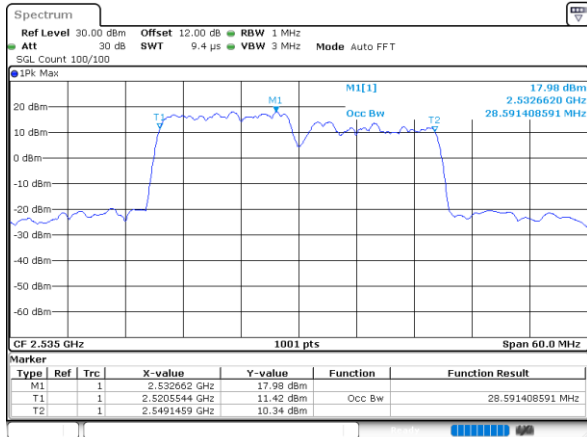
Date: 24.MAY.2023 15:04:55

Middle Channel / 15MHz+10MHz



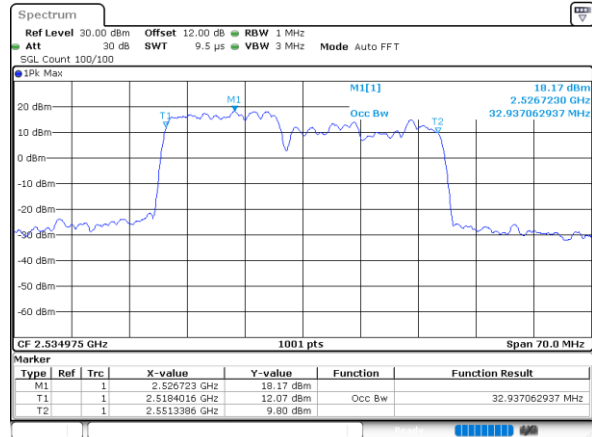
Date: 24.MAY.2023 23:09:02

Middle Channel / 15MHz+15MHz



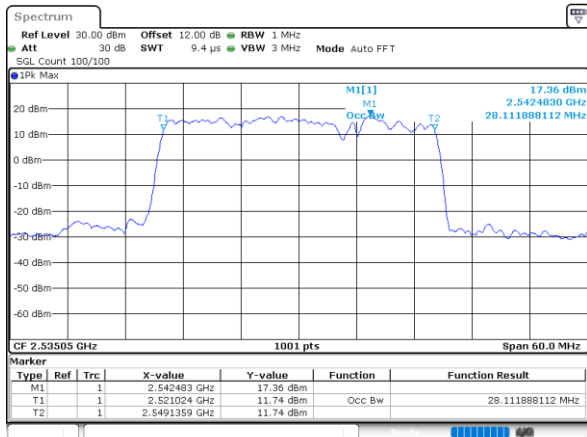
Date: 24.MAY.2023 17:08:35

Middle Channel / 15MHz+20MHz



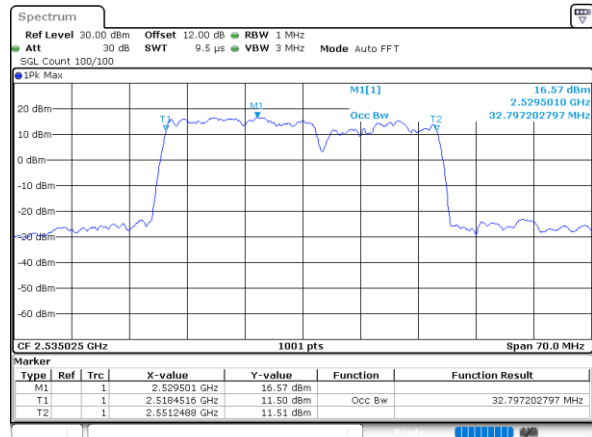
Date: 24.MAY.2023 19:32:55

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:12:51

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:23:26

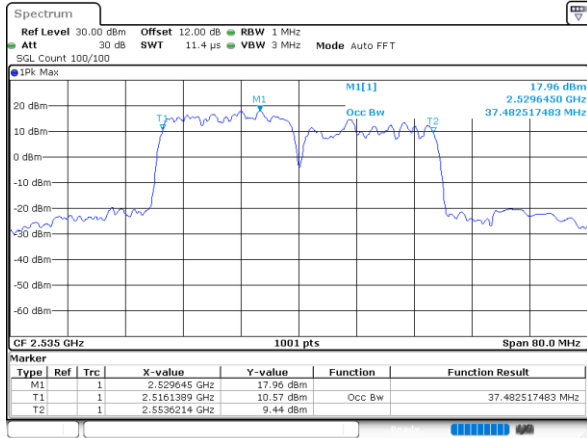


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

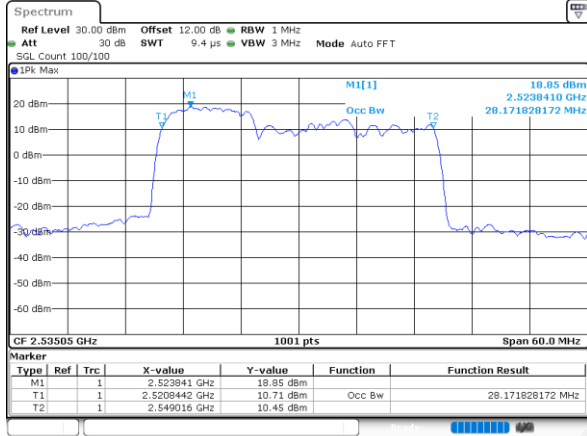




LTE Band 7C

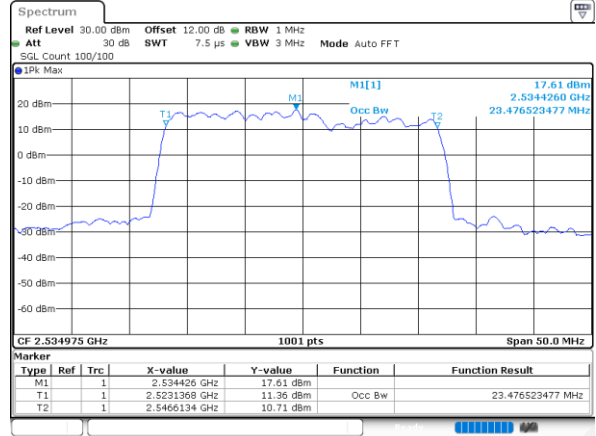
16QAM

Middle Channel / 10MHz+20MHz



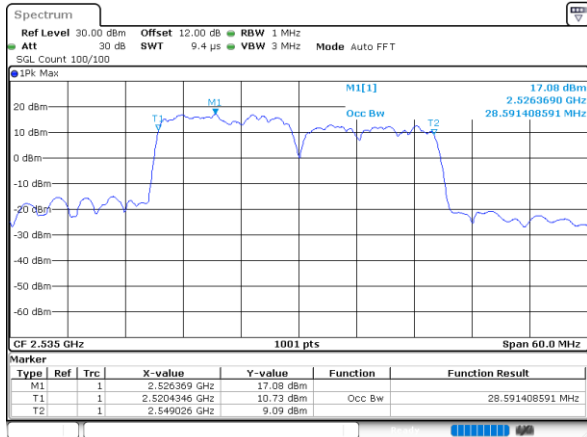
Date: 24.MAY.2023 15:07:58

Middle Channel / 15MHz+10MHz



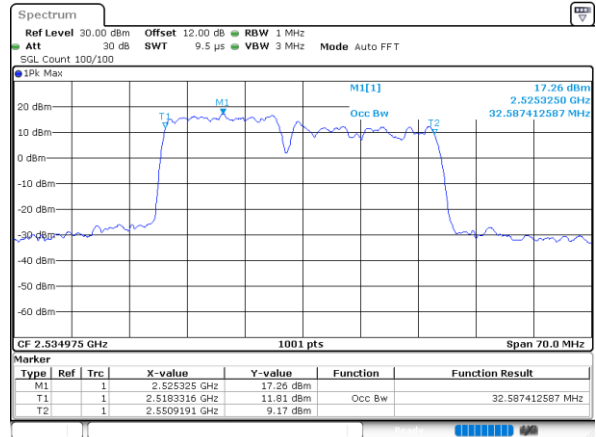
Date: 24.MAY.2023 23:12:06

Middle Channel / 15MHz+15MHz



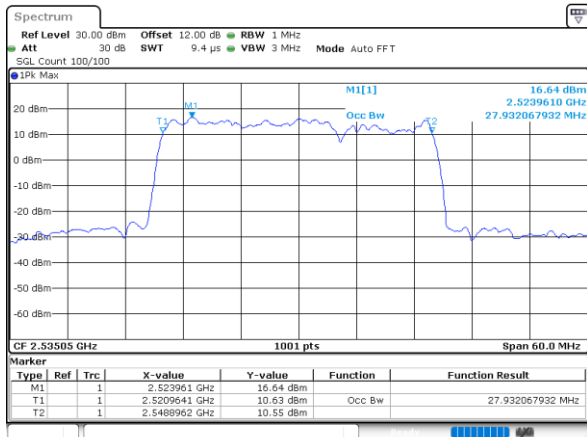
Date: 24.MAY.2023 17:11:14

Middle Channel / 15MHz+20MHz



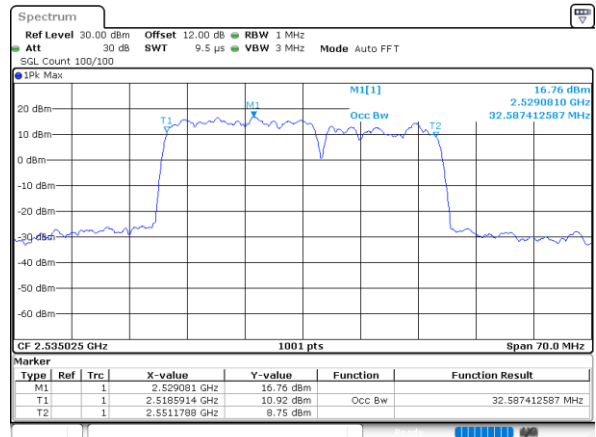
Date: 24.MAY.2023 19:35:31

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:15:54

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:26:02

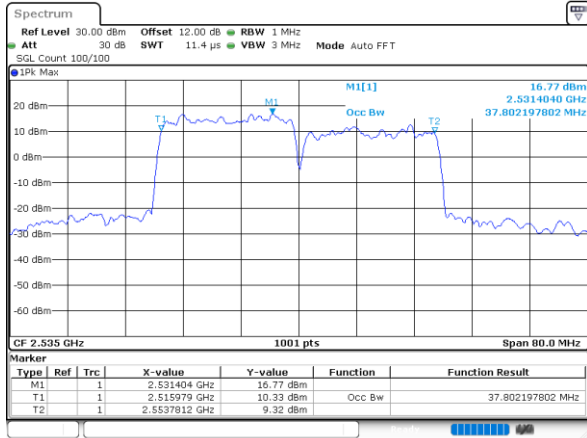


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

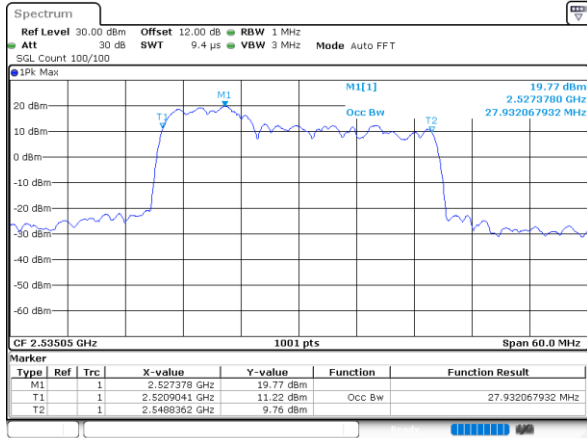




LTE Band 7C

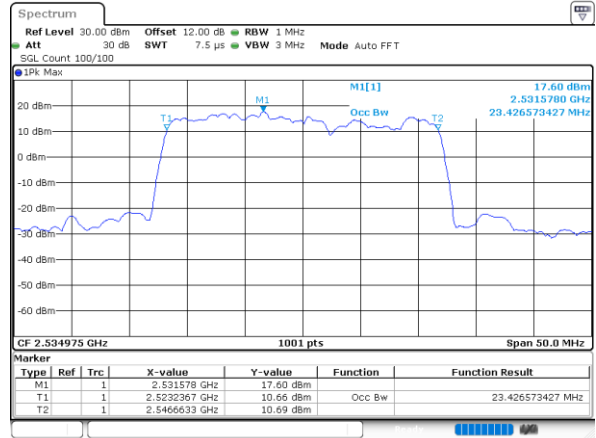
64QAM

Middle Channel / 10MHz+20MHz



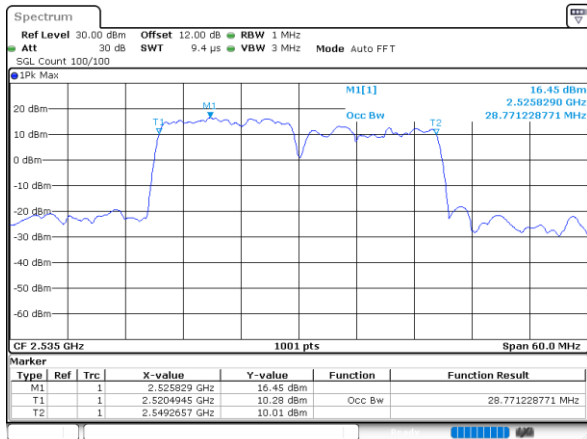
Date: 24.MAY.2023 15:08:34

Middle Channel / 15MHz+10MHz



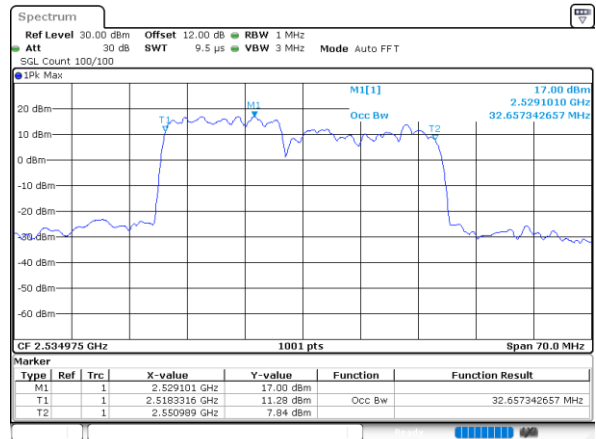
Date: 24.MAY.2023 23:12:43

Middle Channel / 15MHz+15MHz



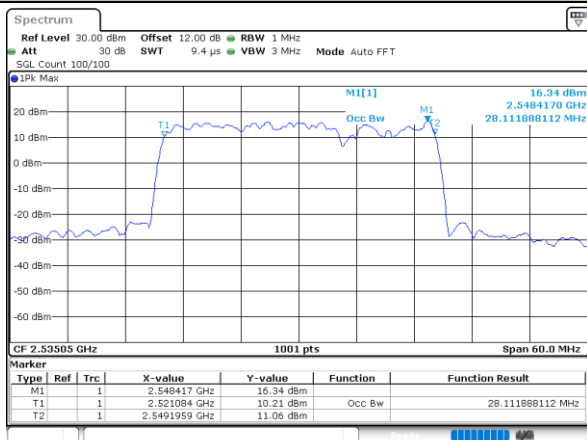
Date: 24.MAY.2023 17:11:46

Middle Channel / 15MHz+20MHz



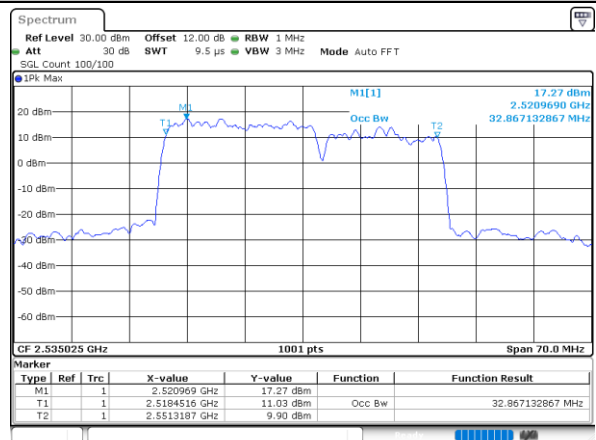
Date: 24.MAY.2023 19:36:02

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:16:30

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:26:33

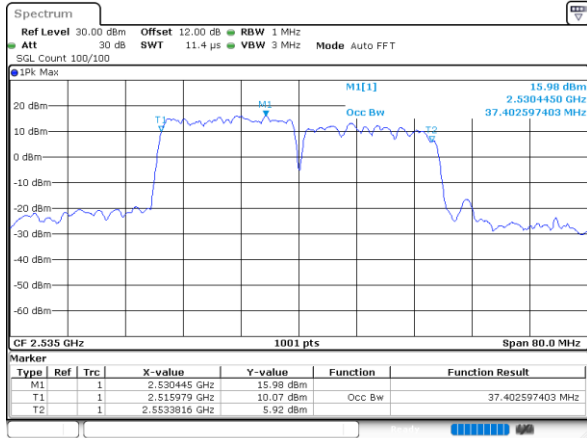


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 24.MAY.2023 21:38:13

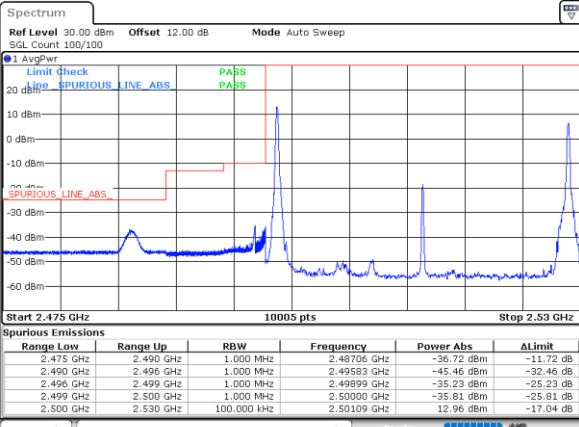


Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

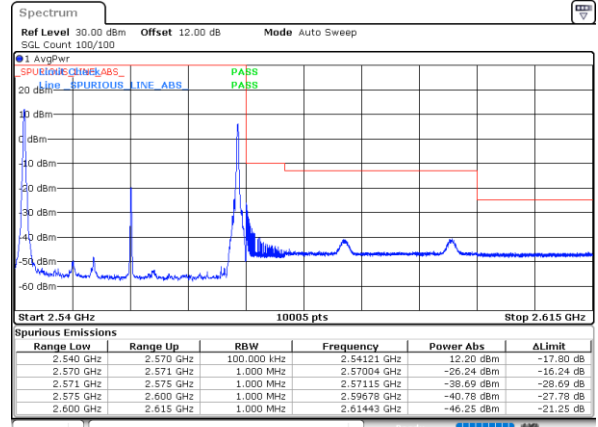
QPSK

Lowest Band Edge / 1RB0 and 1RB99



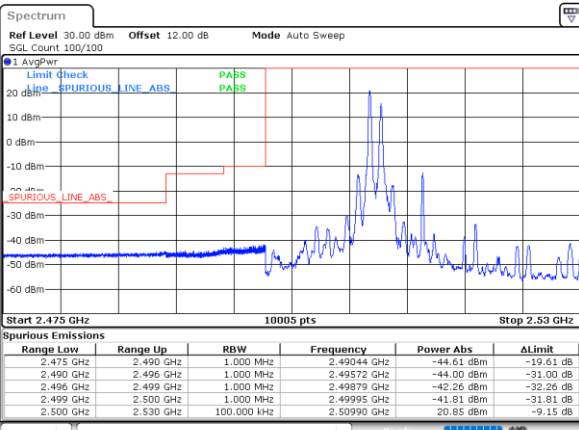
Date: 24.MAY.2023 14:54:27

Highest Band Edge / 1RB0 and 1RB99



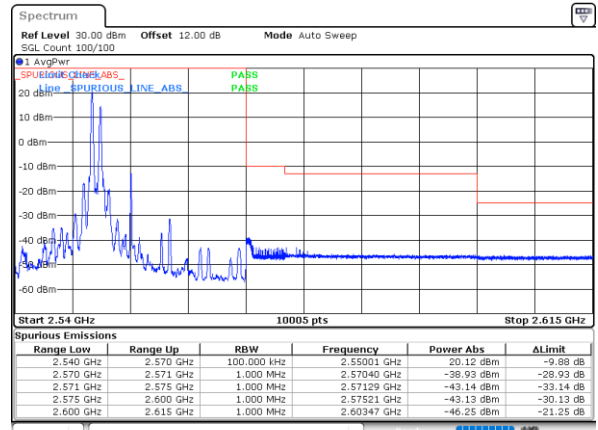
Date: 24.MAY.2023 14:19:43

Lowest Band Edge / 1RB49 and 1RB0



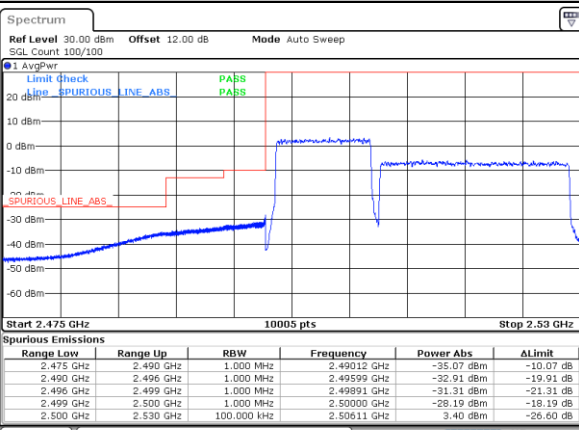
Date: 24.MAY.2023 14:55:34

Highest Band Edge / 1RB49 and 1RB0



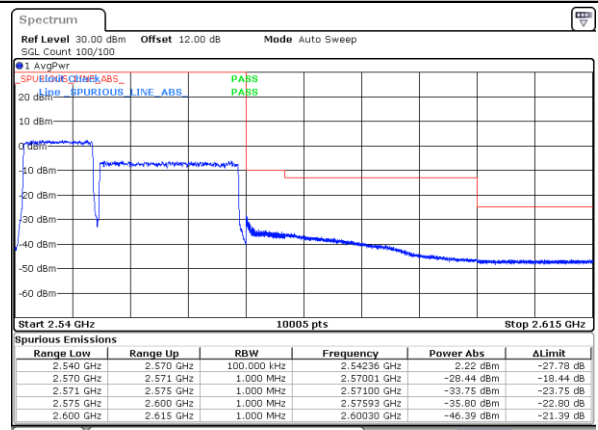
Date: 24.MAY.2023 14:25:17

Lowest Band Edge / Full RB



Date: 24.MAY.2023 14:48:50

Highest Band Edge / Full RB



Date: 24.MAY.2023 14:18:36