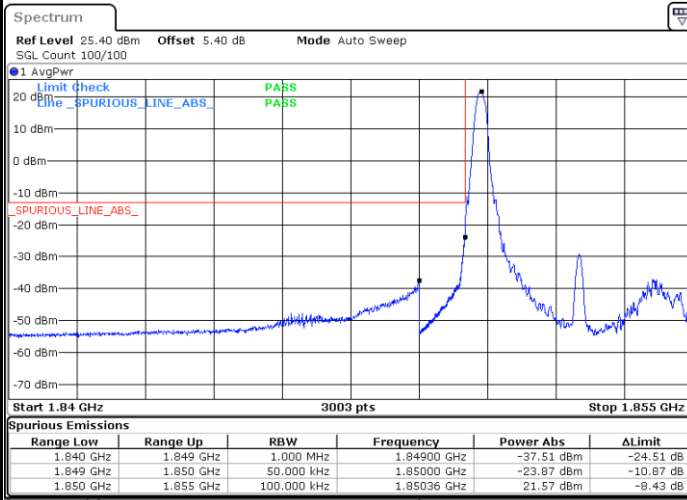




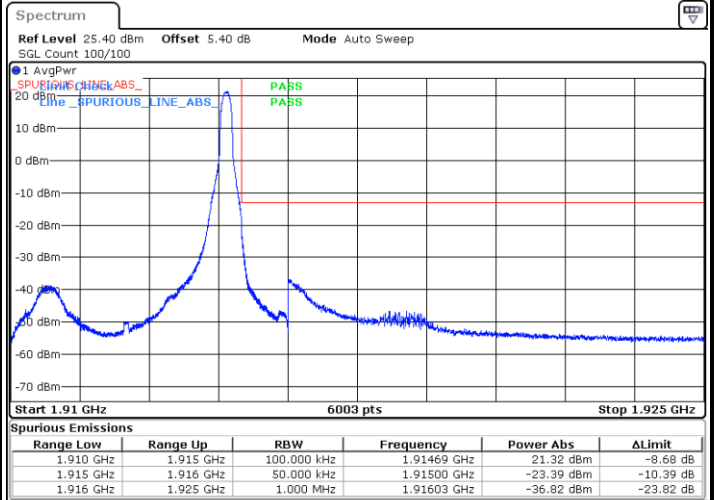
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



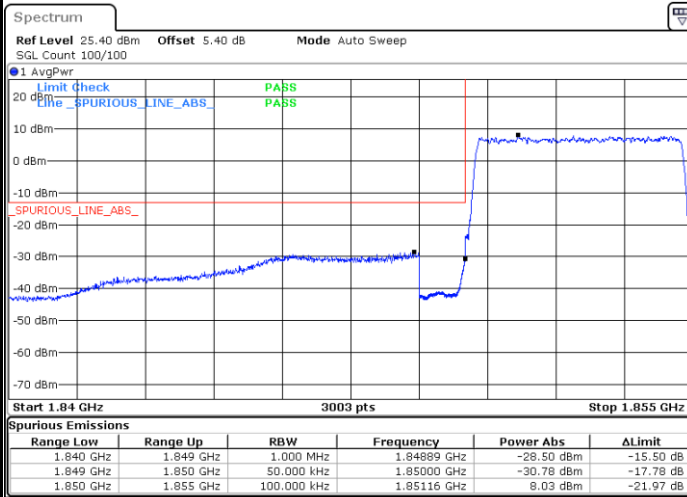
Date: 19.FEB.2023 06:20:03

Highest Band Edge / 1 RB



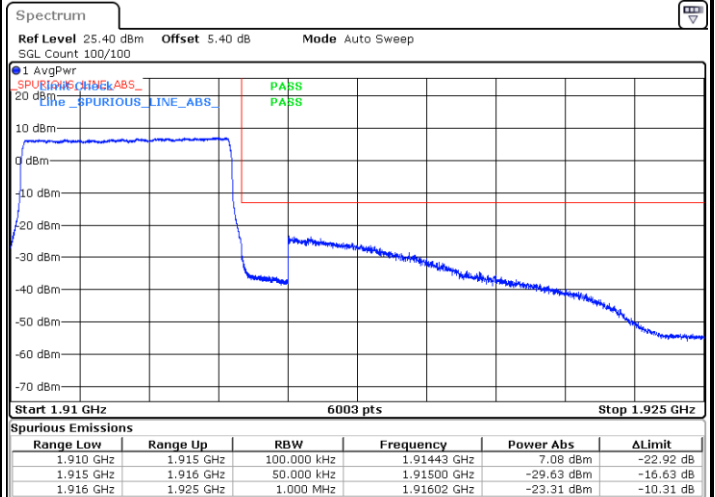
Date: 22.FEB.2023 05:28:14

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:25:28

Highest Band Edge / Full RB

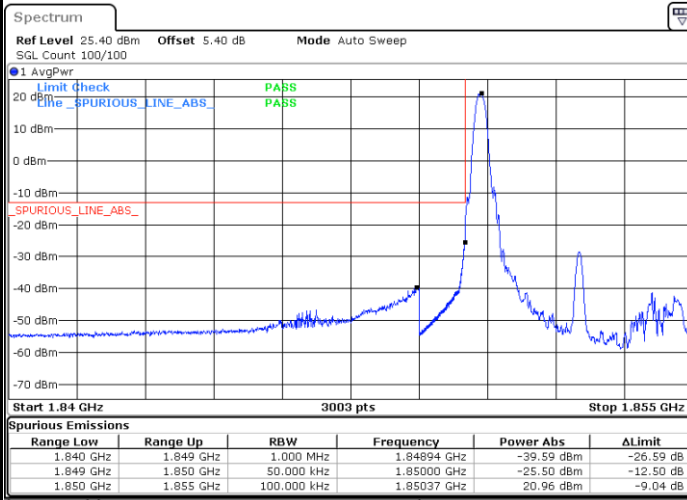


Date: 19.FEB.2023 06:30:54



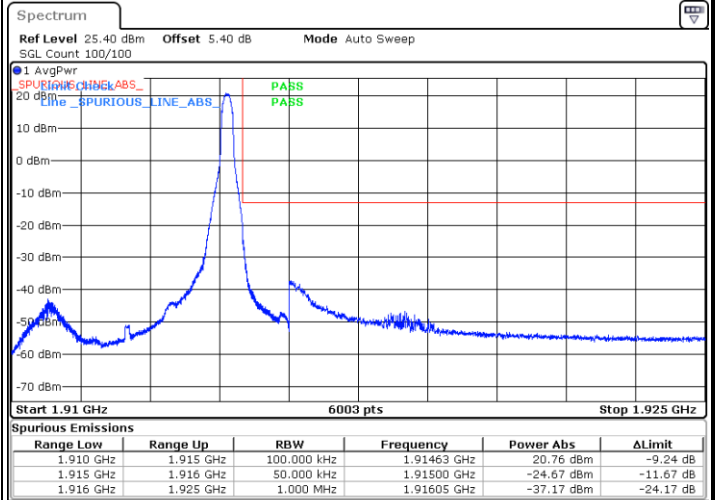
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



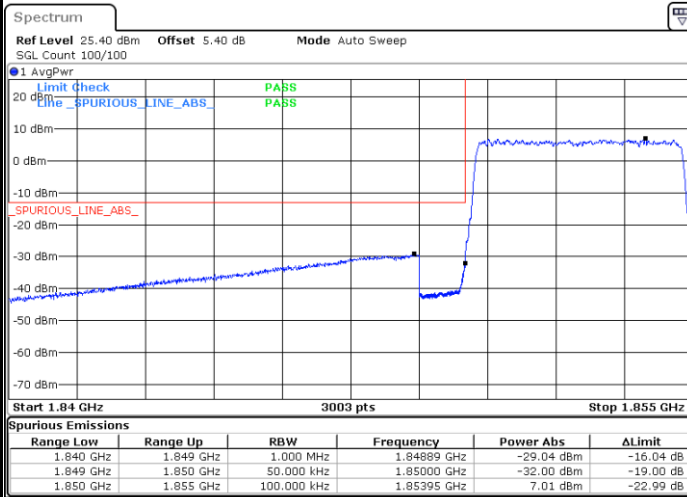
Date: 19.FEB.2023 06:21:23

Highest Band Edge / 1 RB



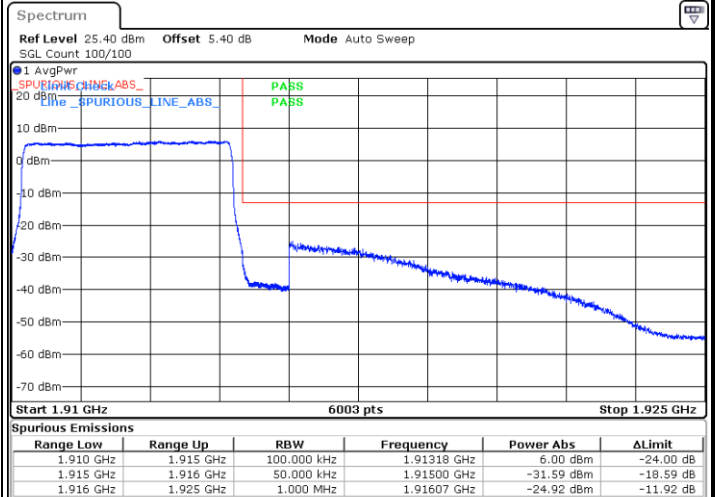
Date: 22.FEB.2023 05:28:58

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:26:19

Highest Band Edge / Full RB

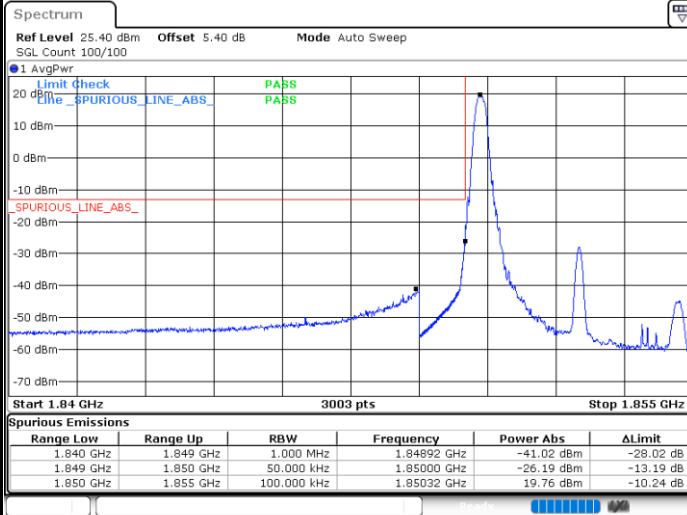


Date: 19.FEB.2023 06:32:14

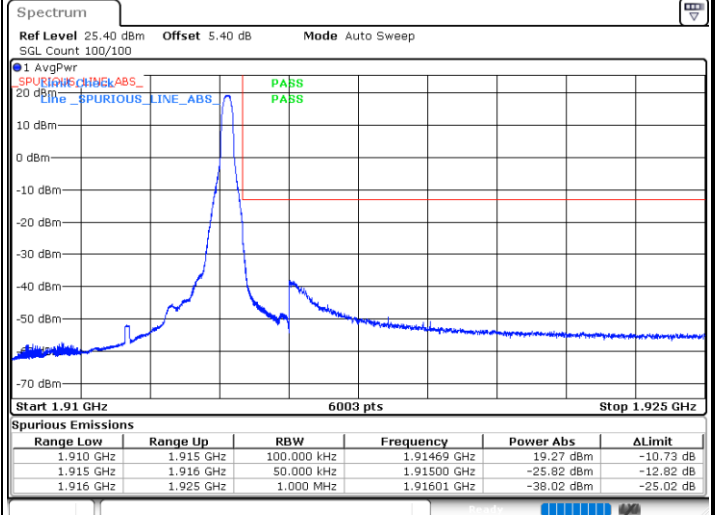


LTE Band 25 / 5MHz / 64QAM

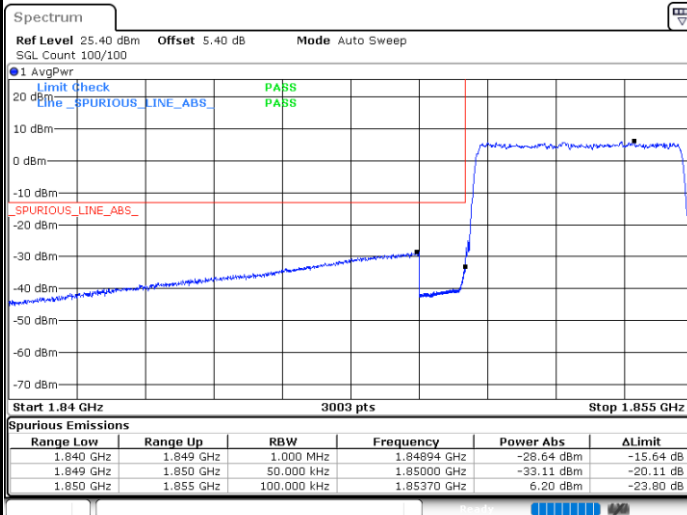
Lowest Band Edge / 1RB



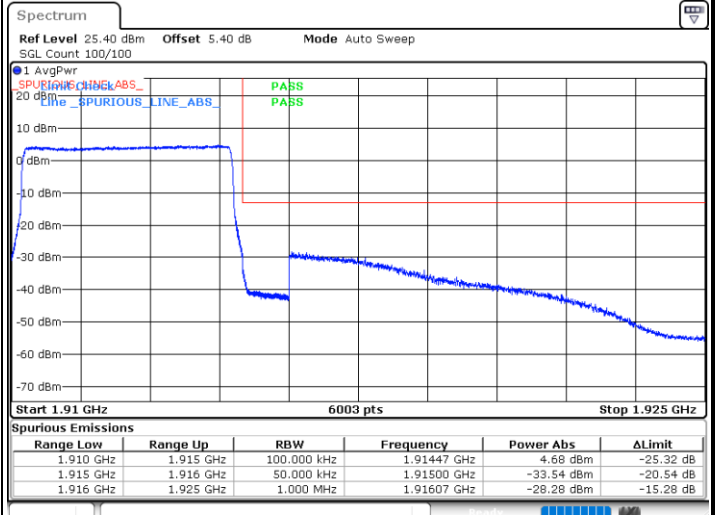
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



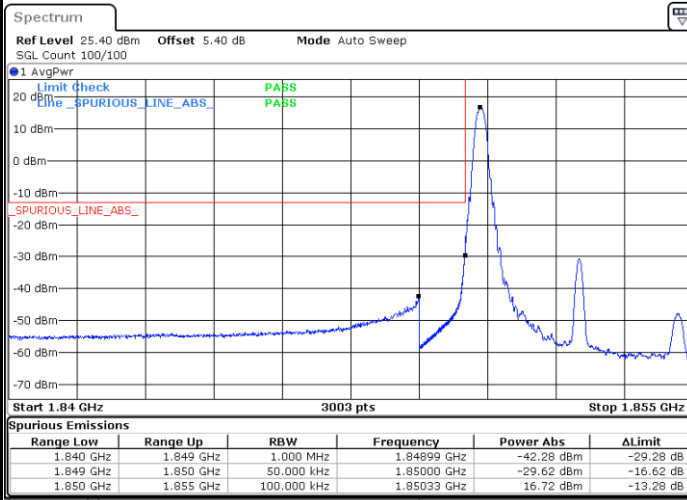
Highest Band Edge / Full RB





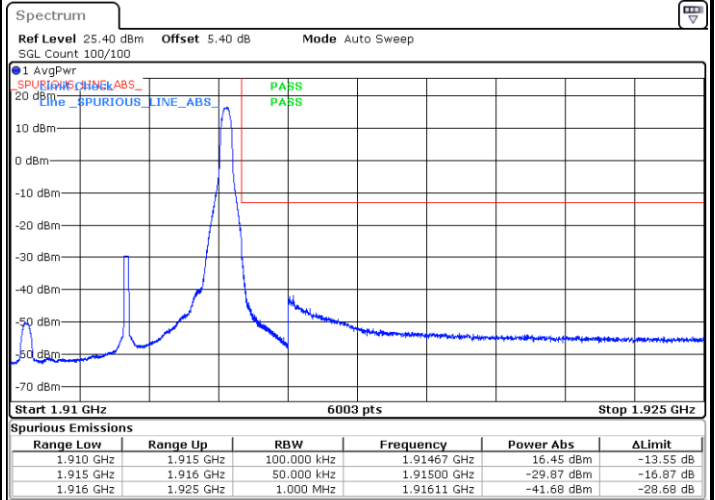
LTE Band 25 / 5MHz / 256QAM

Lowest Band Edge / 1RB



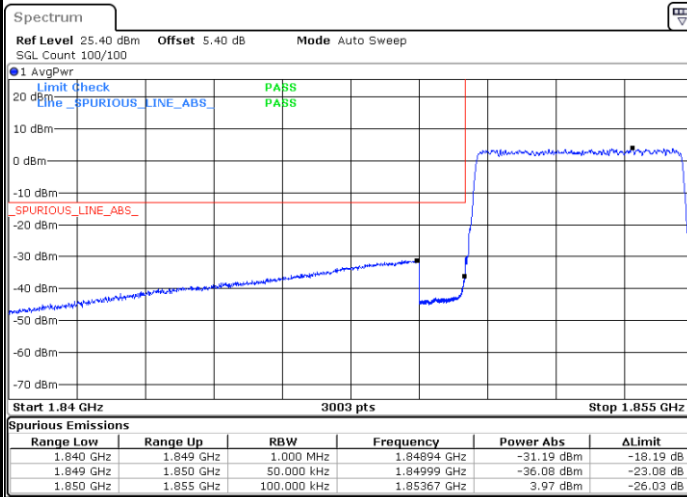
Date: 19.FEB.2023 06:24:04

Highest Band Edge / 1 RB



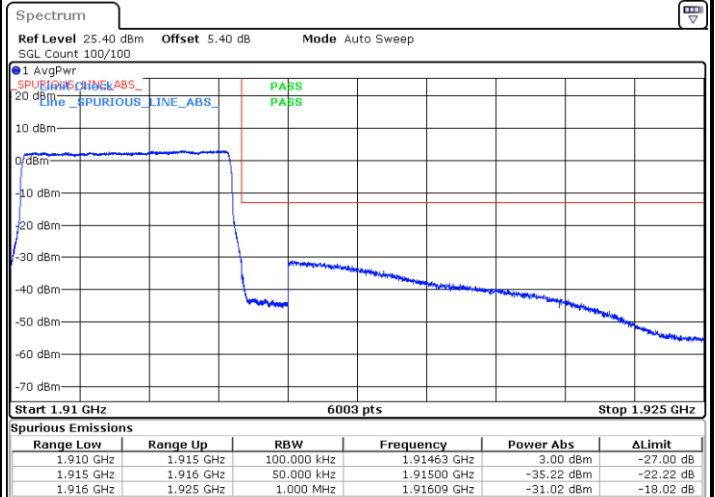
Date: 22.FEB.2023 05:31:11

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:29:31

Highest Band Edge / Full RB

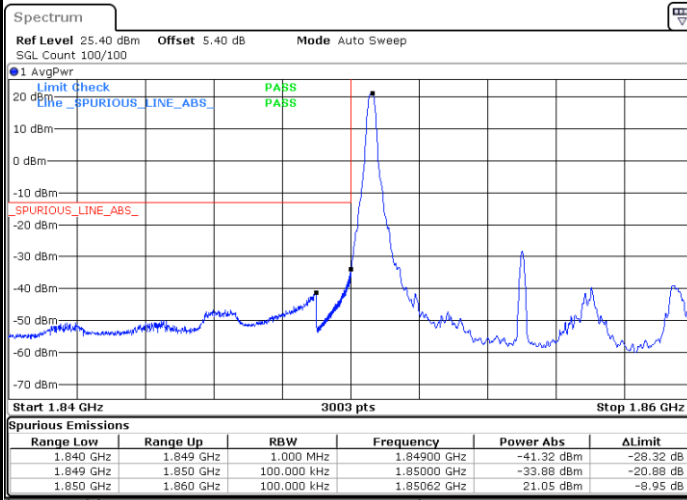


Date: 19.FEB.2023 06:34:55



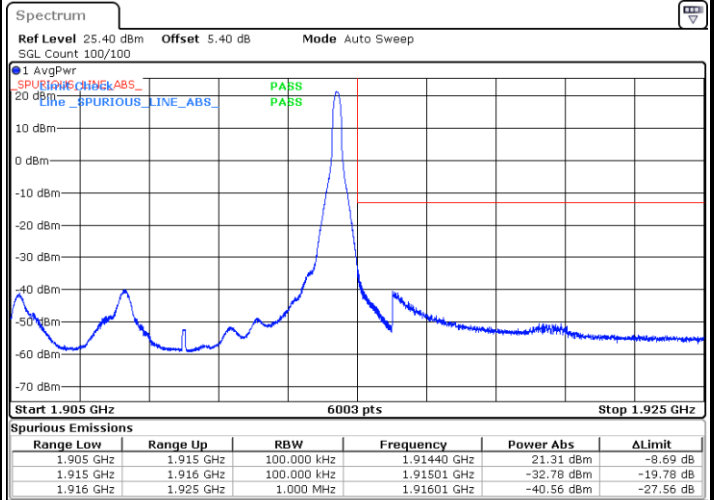
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



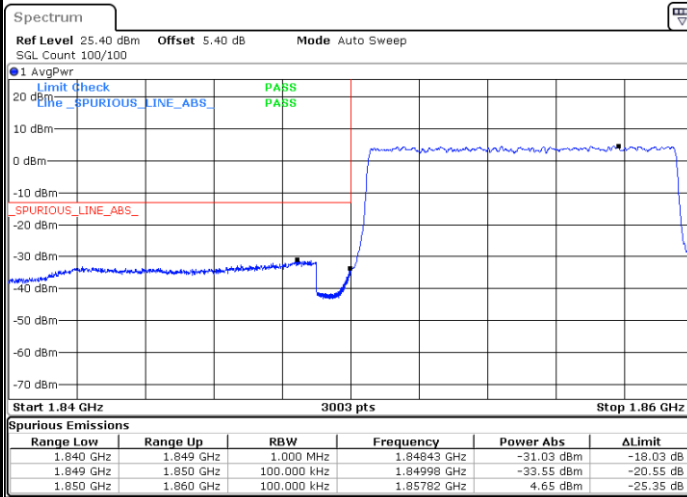
Date: 19.FEB.2023 06:40:45

Highest Band Edge / 1 RB



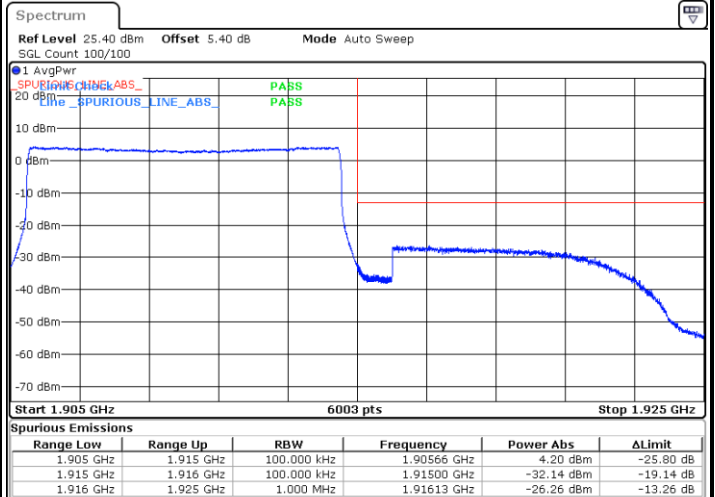
Date: 19.FEB.2023 06:49:36

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:36:19

Highest Band Edge / Full RB

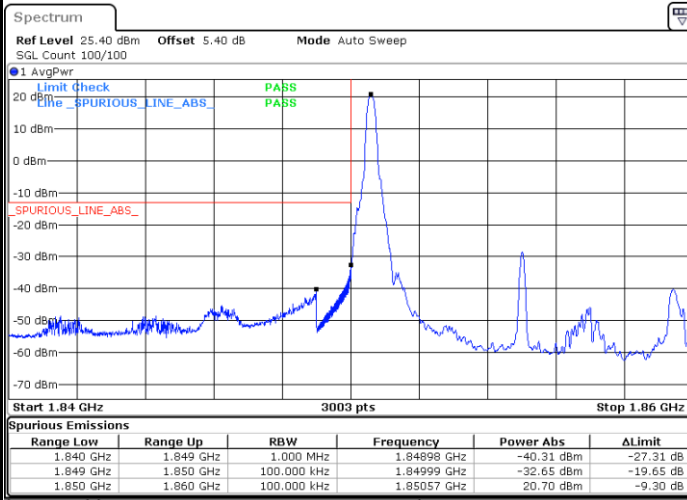


Date: 19.FEB.2023 06:45:11



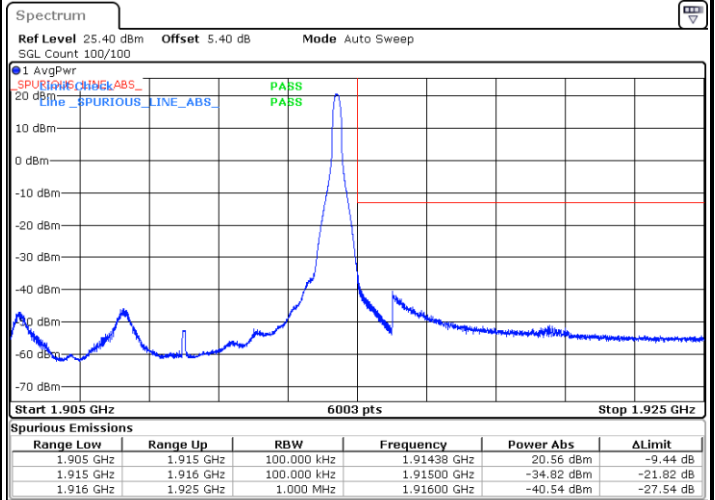
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



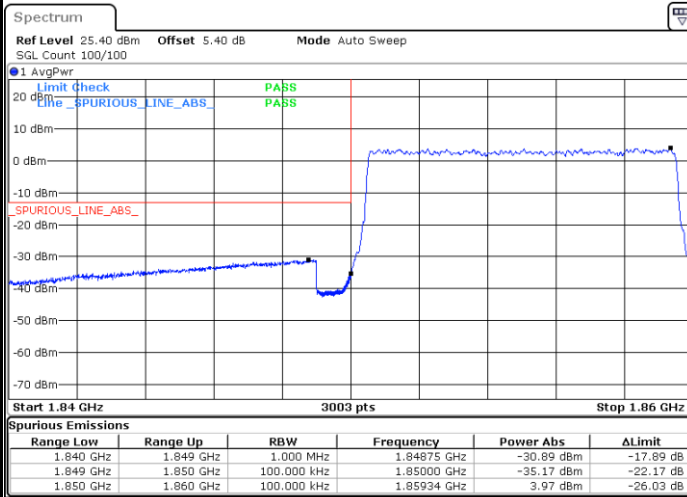
Date: 19.FEB.2023 06:41:51

Highest Band Edge / 1 RB



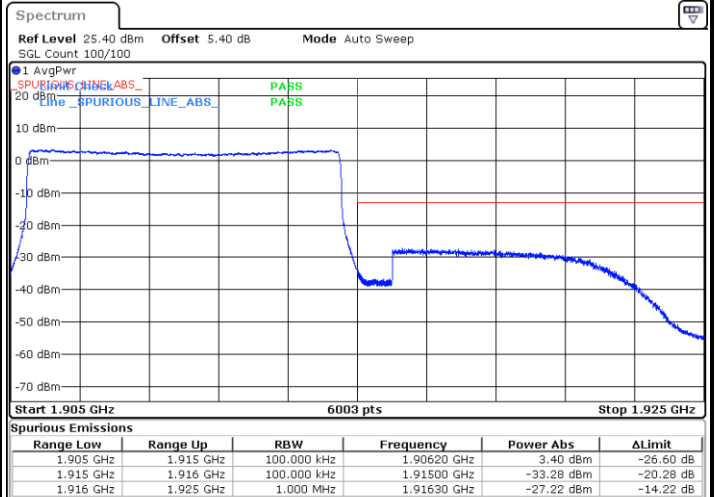
Date: 19.FEB.2023 06:50:42

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:37:26

Highest Band Edge / Full RB

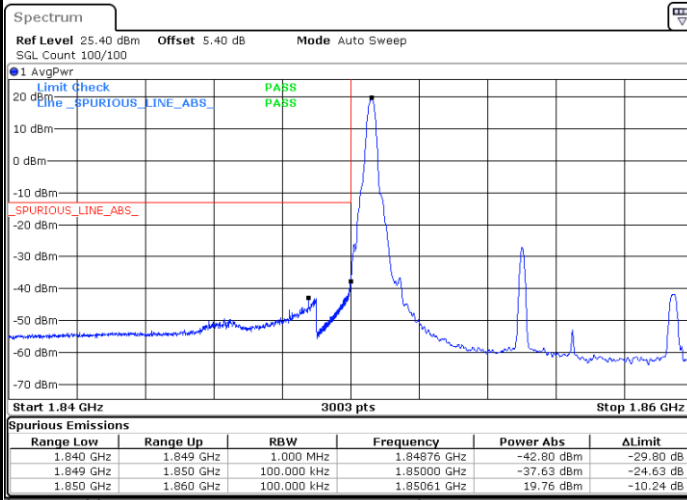


Date: 19.FEB.2023 06:46:18



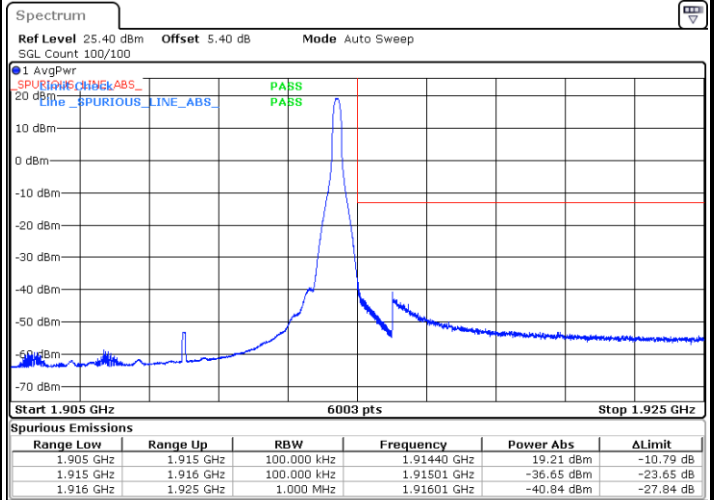
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



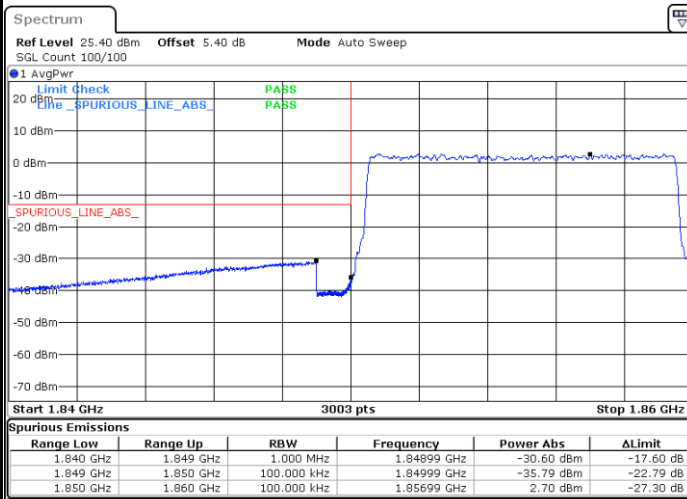
Date: 19.FEB.2023 06:42:56

Highest Band Edge / 1 RB



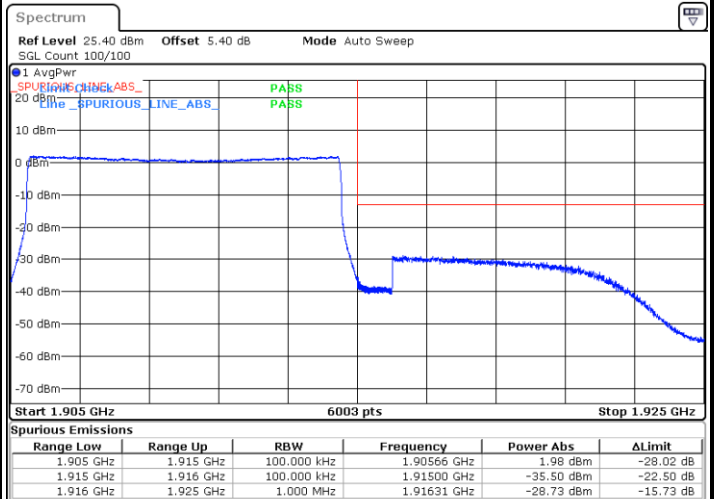
Date: 19.FEB.2023 06:51:48

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:38:31

Highest Band Edge / Full RB

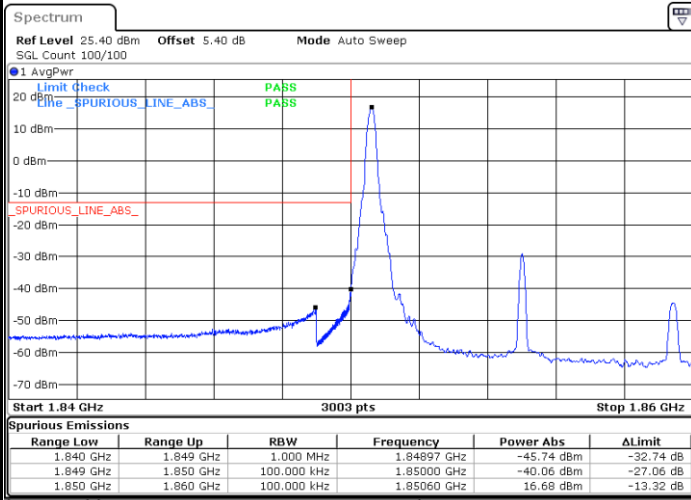


Date: 19.FEB.2023 06:47:23



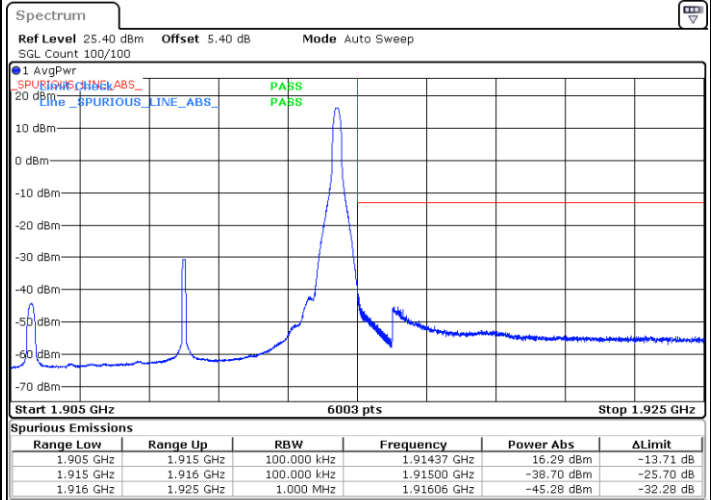
LTE Band 25 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



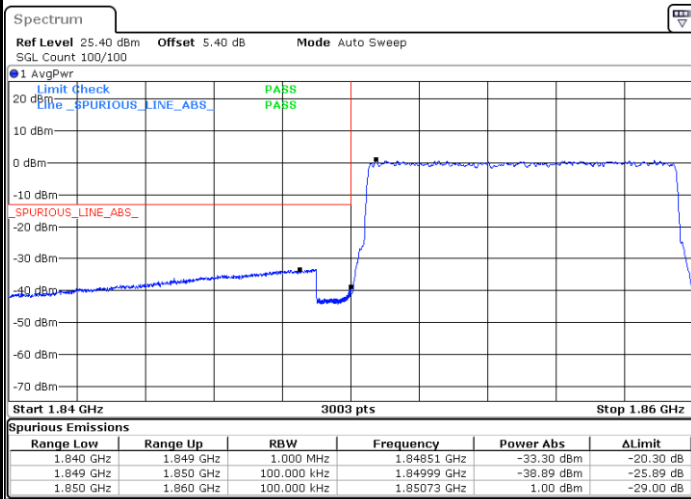
Date: 19.FEB.2023 06:44:02

Highest Band Edge / 1 RB



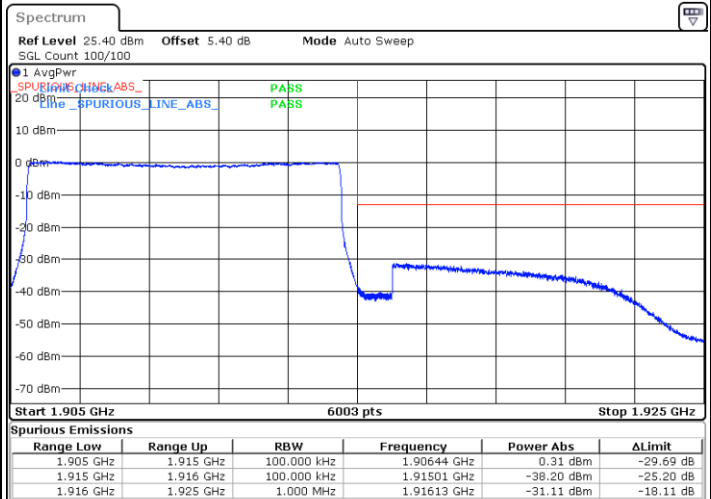
Date: 19.FEB.2023 06:52:54

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:39:37

Highest Band Edge / Full RB

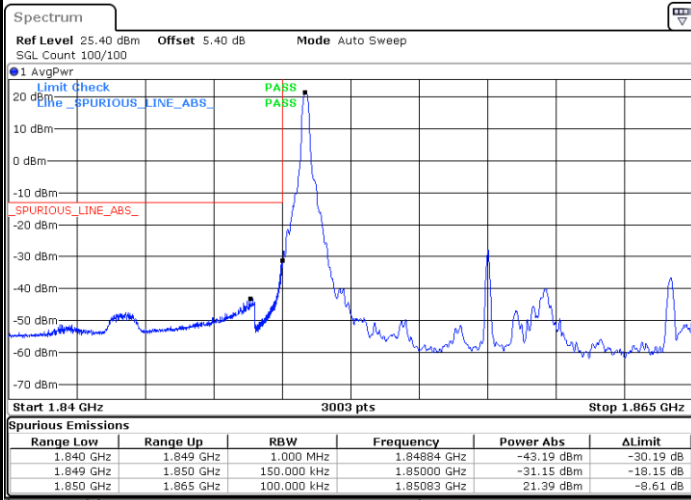


Date: 19.FEB.2023 06:48:28



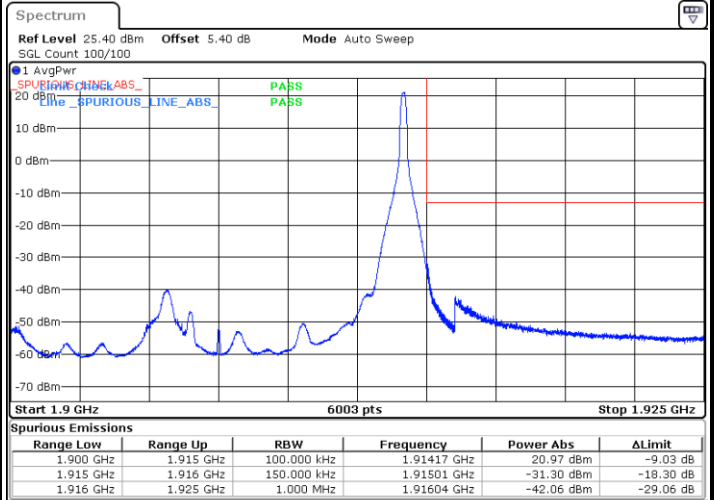
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



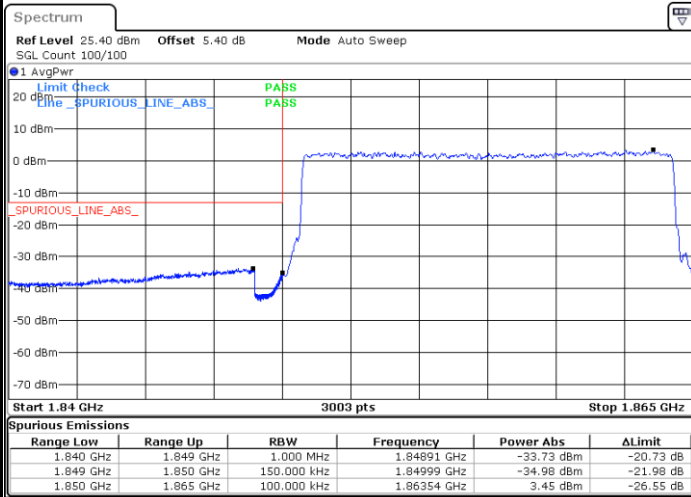
Date: 19.FEB.2023 06:54:03

Highest Band Edge / 1 RB



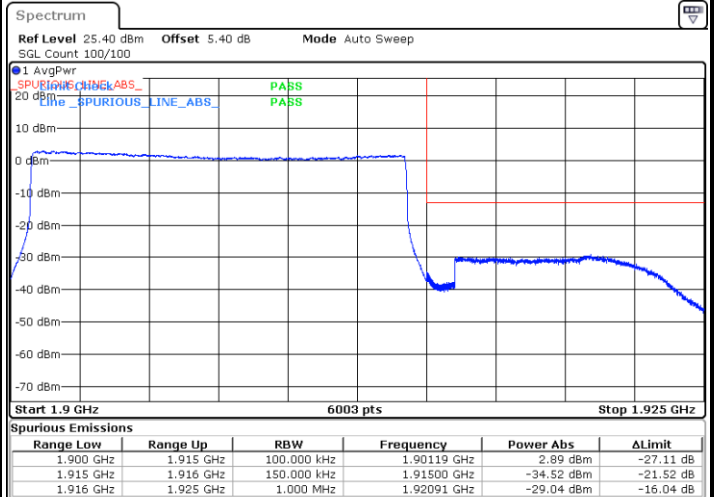
Date: 19.FEB.2023 07:10:43

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:58:30

Highest Band Edge / Full RB

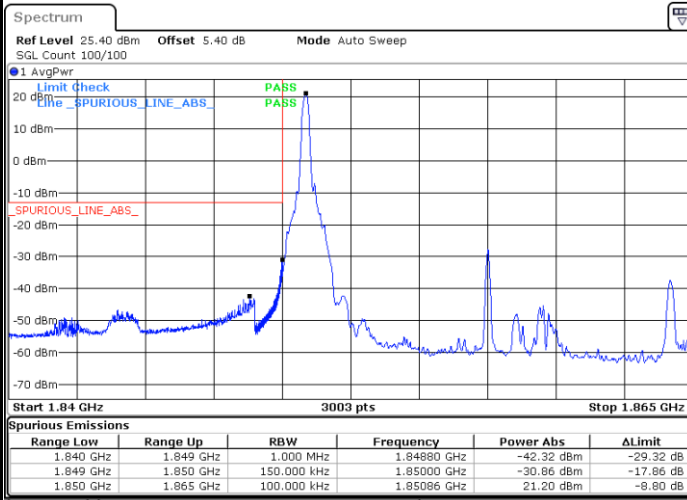


Date: 19.FEB.2023 07:02:57



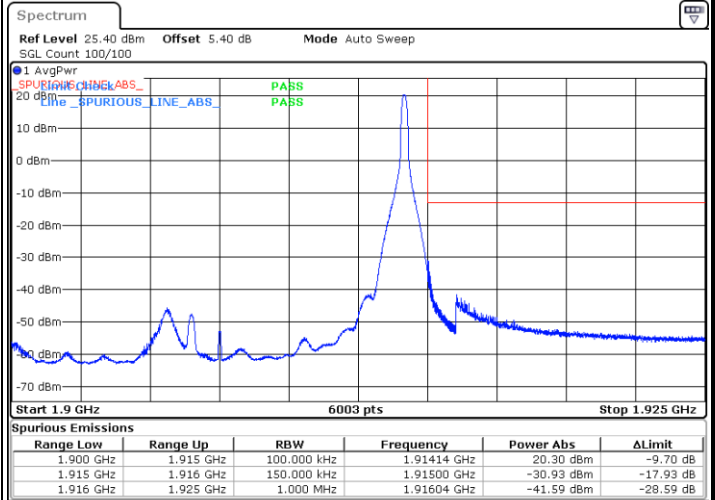
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



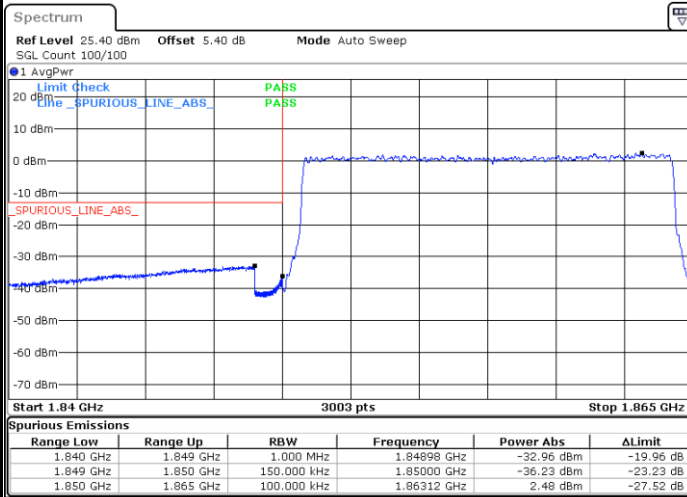
Date: 19.FEB.2023 06:55:08

Highest Band Edge / 1 RB



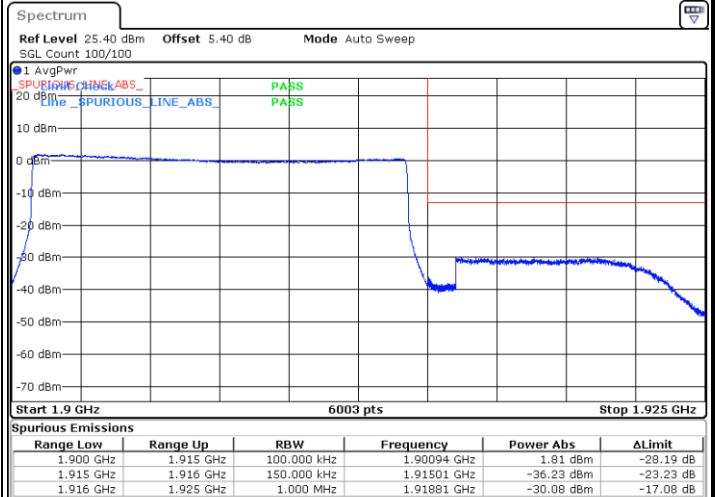
Date: 19.FEB.2023 07:09:37

Lowest Band Edge / Full RB



Date: 19.FEB.2023 06:59:37

Highest Band Edge / Full RB

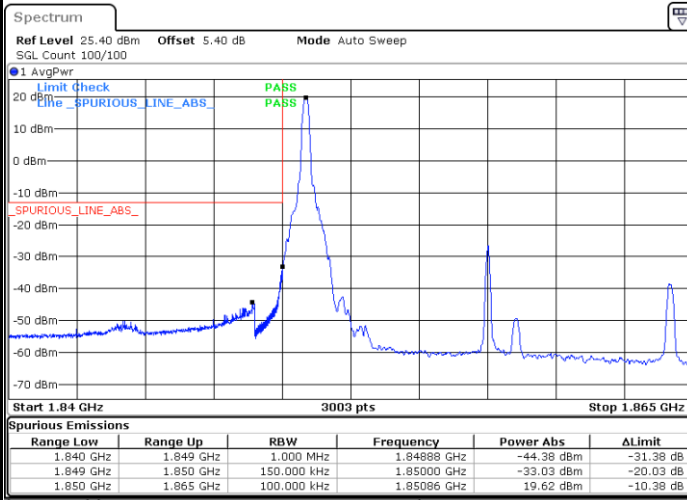


Date: 19.FEB.2023 07:04:03



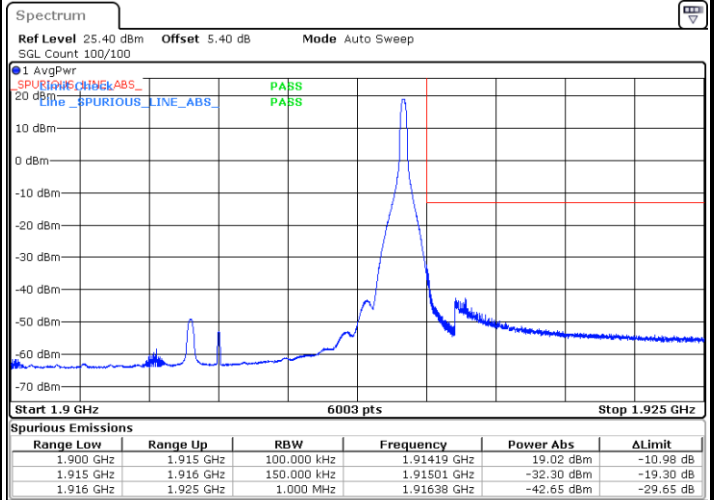
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



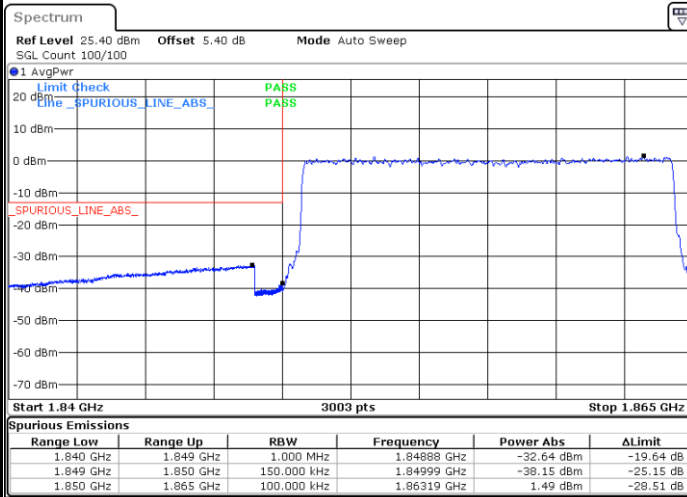
Date: 19.FEB.2023 06:56:15

Highest Band Edge / 1 RB



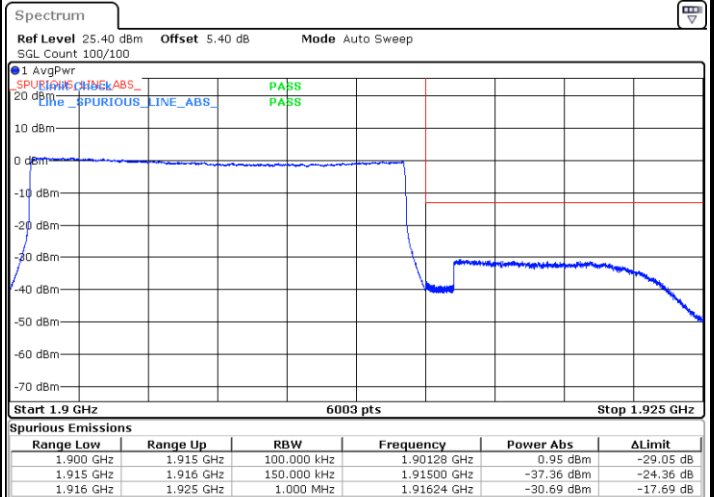
Date: 19.FEB.2023 07:08:31

Lowest Band Edge / Full RB



Date: 19.FEB.2023 07:00:42

Highest Band Edge / Full RB

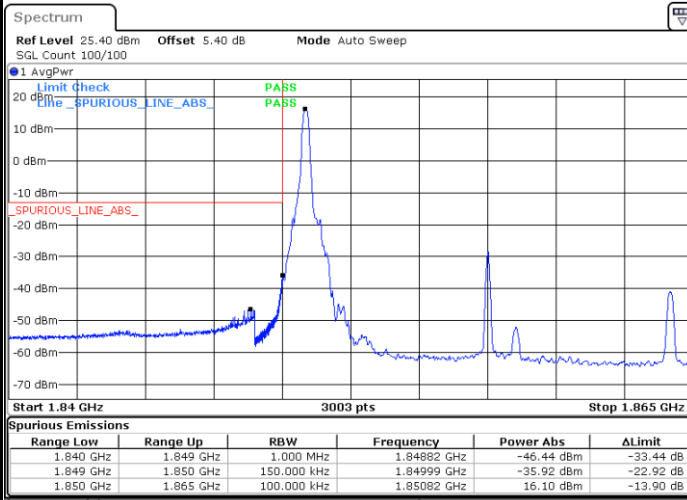


Date: 19.FEB.2023 07:05:09



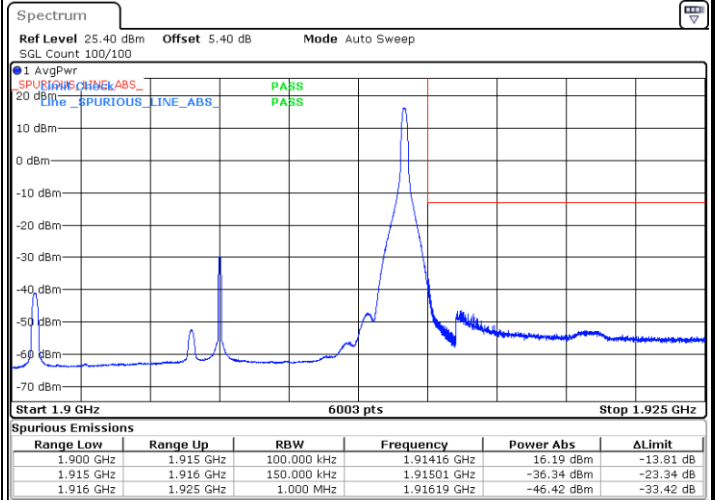
LTE Band 25 / 15MHz /256QAM

Lowest Band Edge / 1 RB



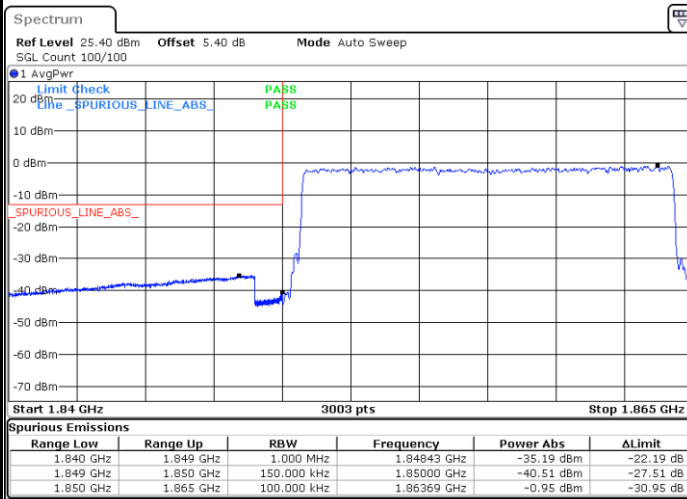
Date: 19.FEB.2023 06:57:21

Highest Band Edge / 1 RB



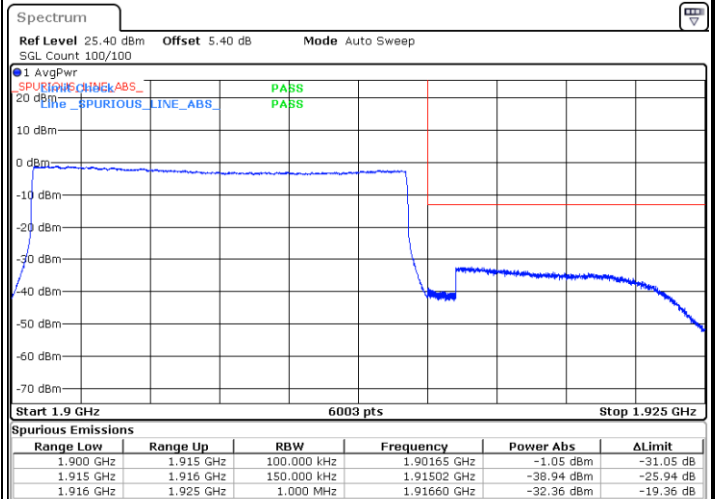
Date: 19.FEB.2023 07:07:24

Lowest Band Edge / Full RB



Date: 19.FEB.2023 07:01:48

Highest Band Edge / Full RB

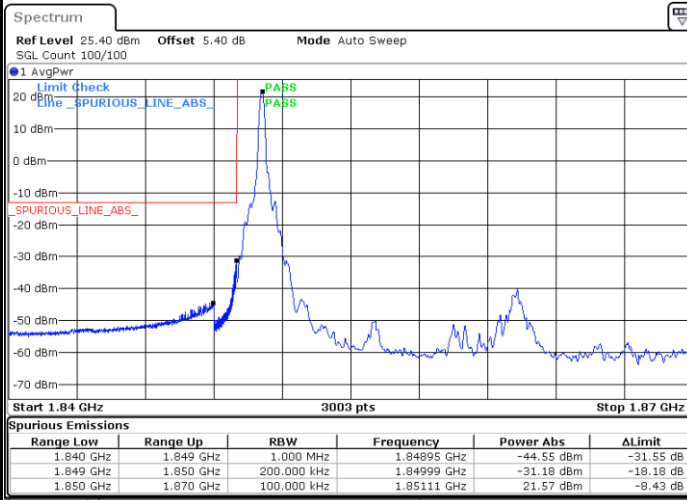


Date: 19.FEB.2023 07:06:16



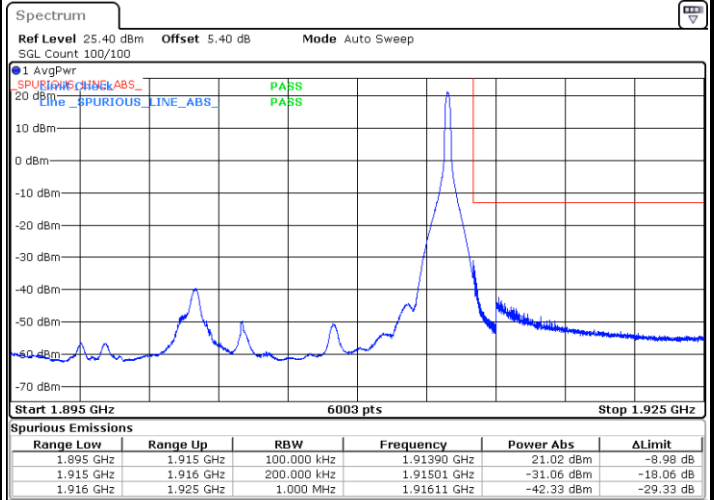
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



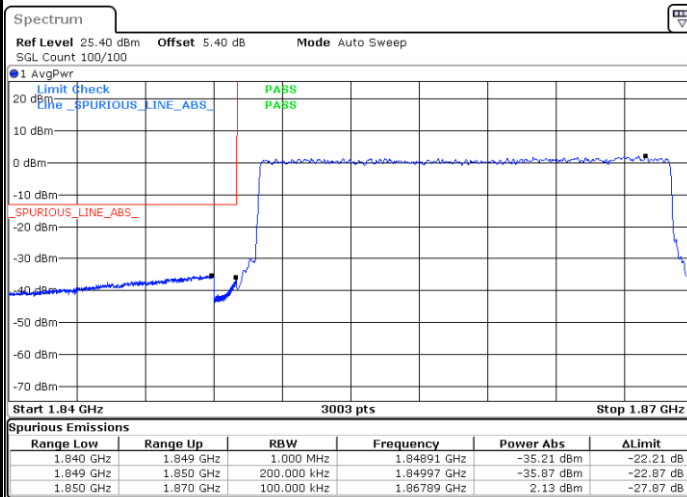
Date: 19.FEB.2023 07:11:51

Highest Band Edge / 1 RB



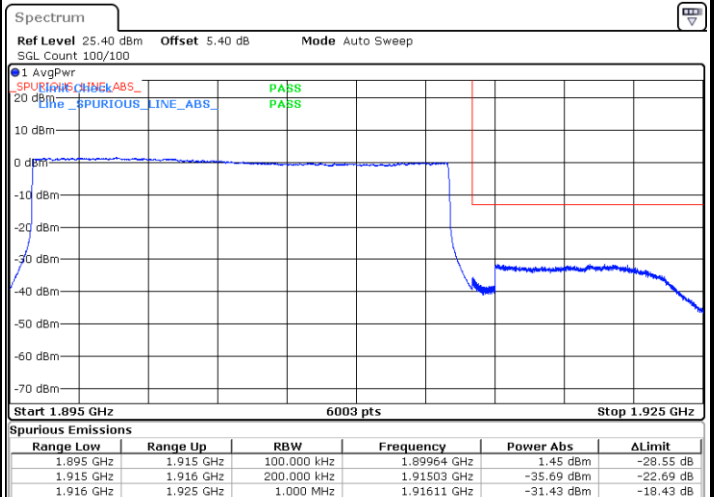
Date: 19.FEB.2023 07:25:11

Lowest Band Edge / Full RB



Date: 19.FEB.2023 07:16:18

Highest Band Edge / Full RB

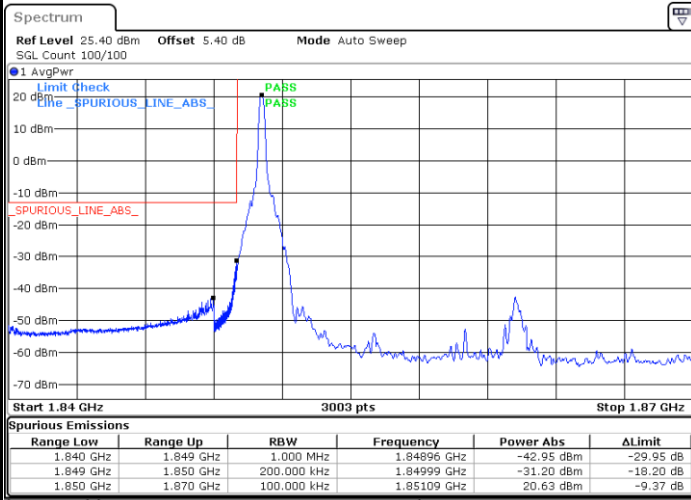


Date: 19.FEB.2023 07:20:43



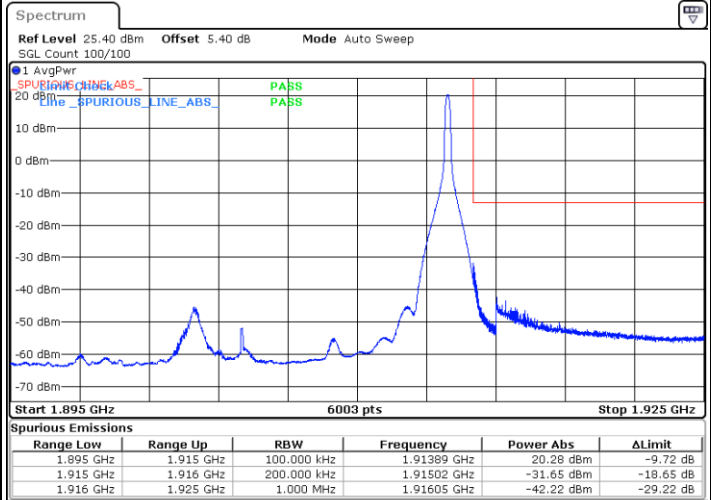
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



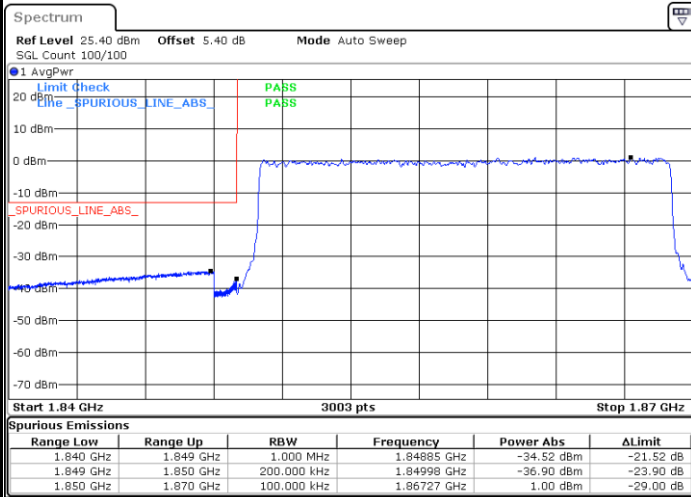
Date: 19.FEB.2023 07:12:57

Highest Band Edge / 1 RB



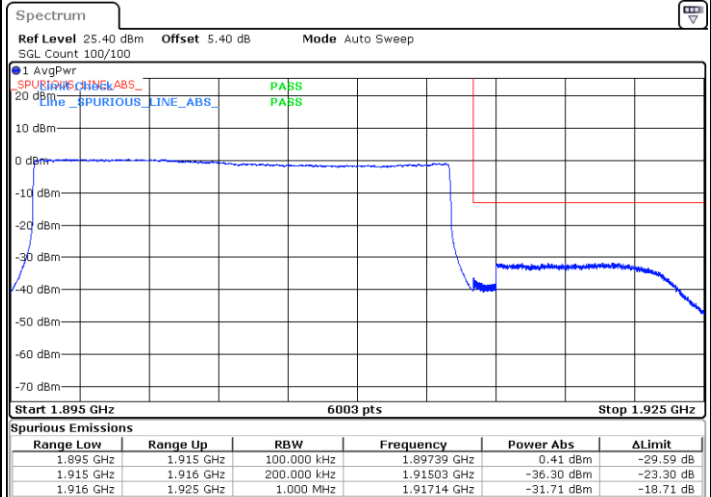
Date: 19.FEB.2023 07:26:18

Lowest Band Edge / Full RB



Date: 19.FEB.2023 07:17:23

Highest Band Edge / Full RB

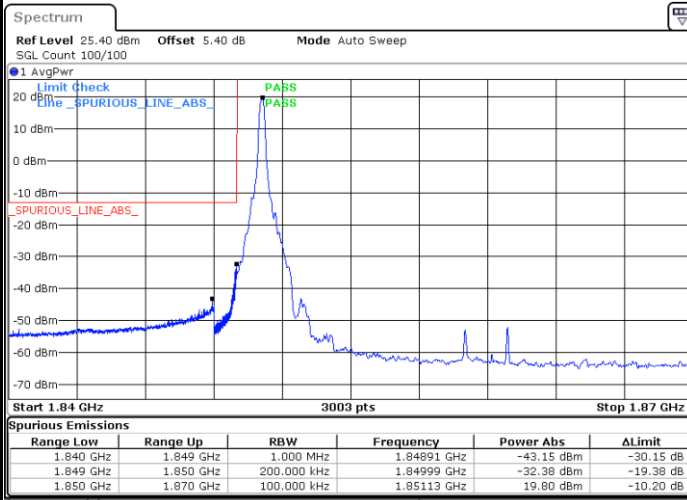


Date: 19.FEB.2023 07:21:49



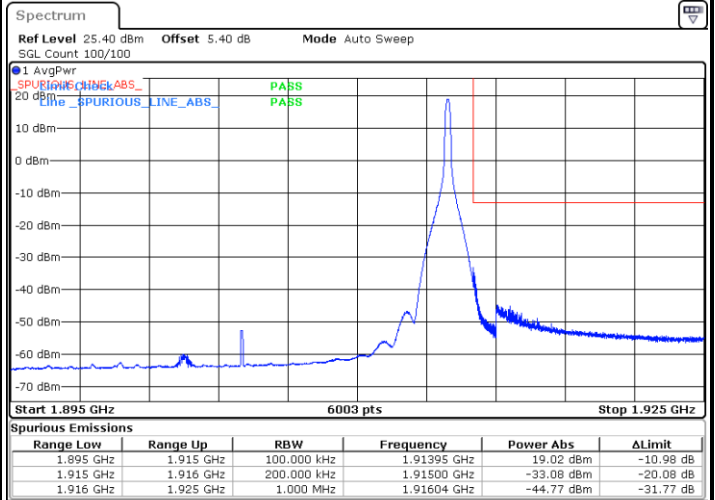
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



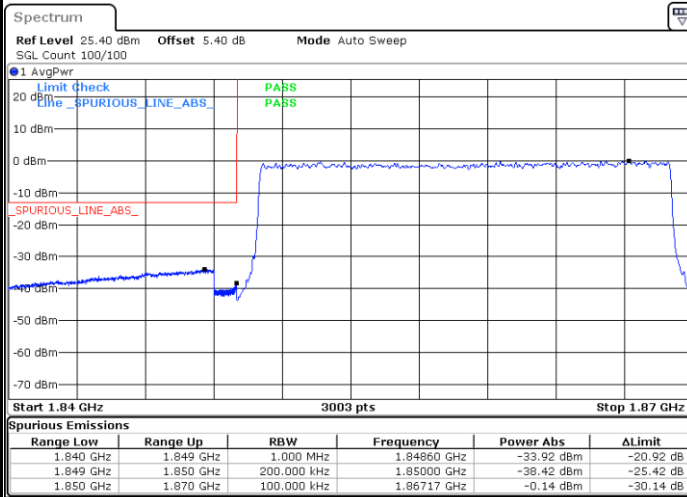
Date: 19.FEB.2023 07:14:03

Highest Band Edge / 1 RB



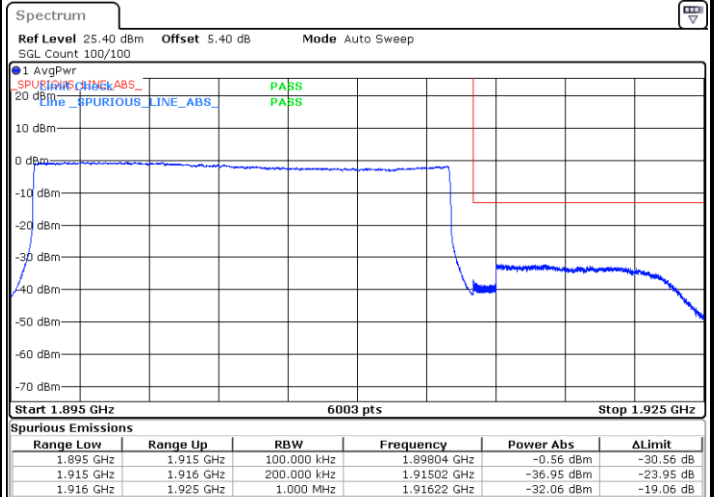
Date: 19.FEB.2023 07:27:23

Lowest Band Edge / Full RB



Date: 19.FEB.2023 07:18:29

Highest Band Edge / Full RB

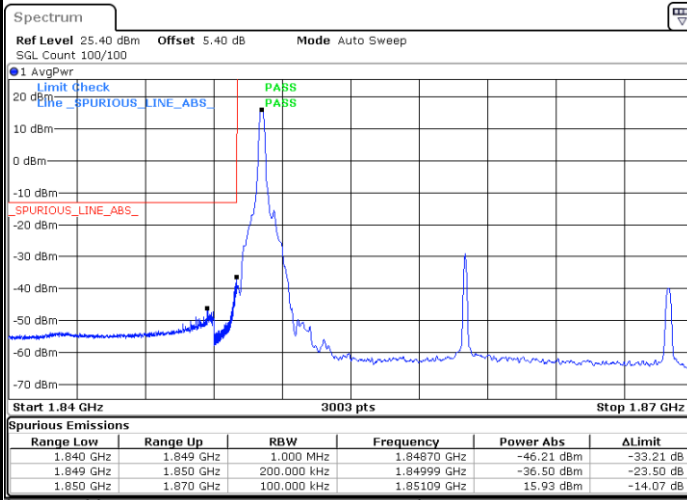


Date: 19.FEB.2023 07:22:55



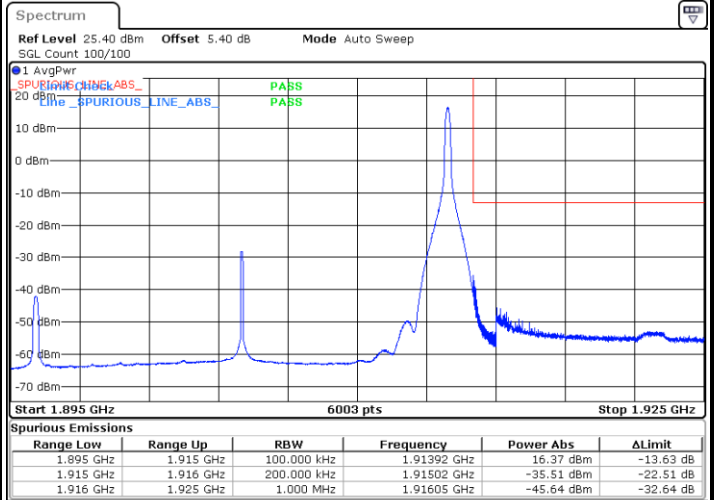
LTE Band 25 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



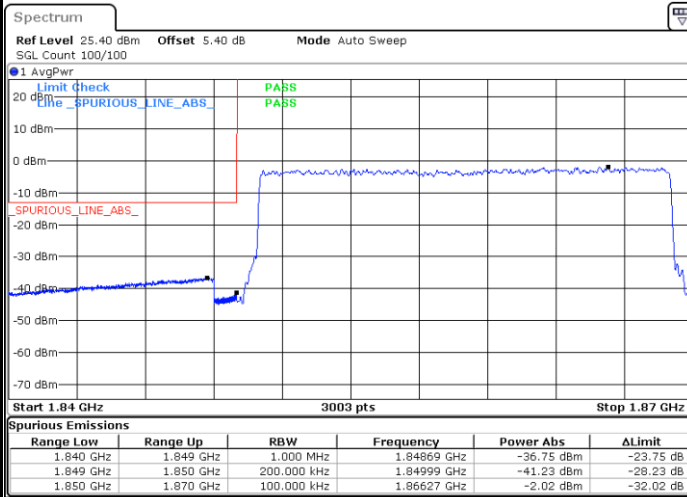
Date: 19.FEB.2023 07:15:09

Highest Band Edge / 1 RB



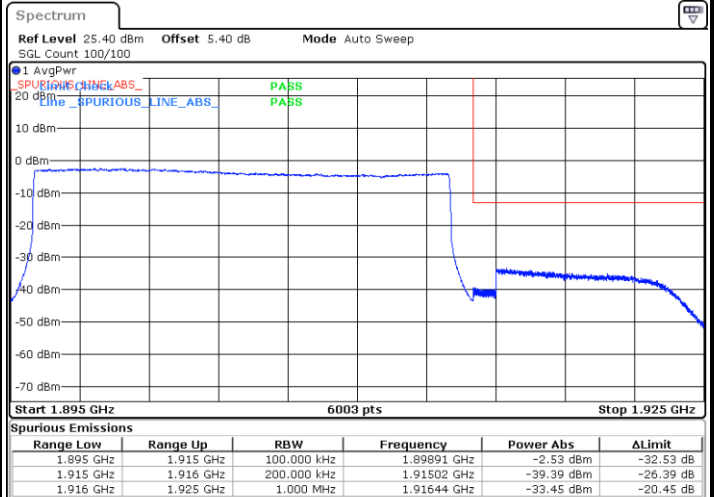
Date: 19.FEB.2023 07:28:28

Lowest Band Edge / Full RB



Date: 19.FEB.2023 07:19:35

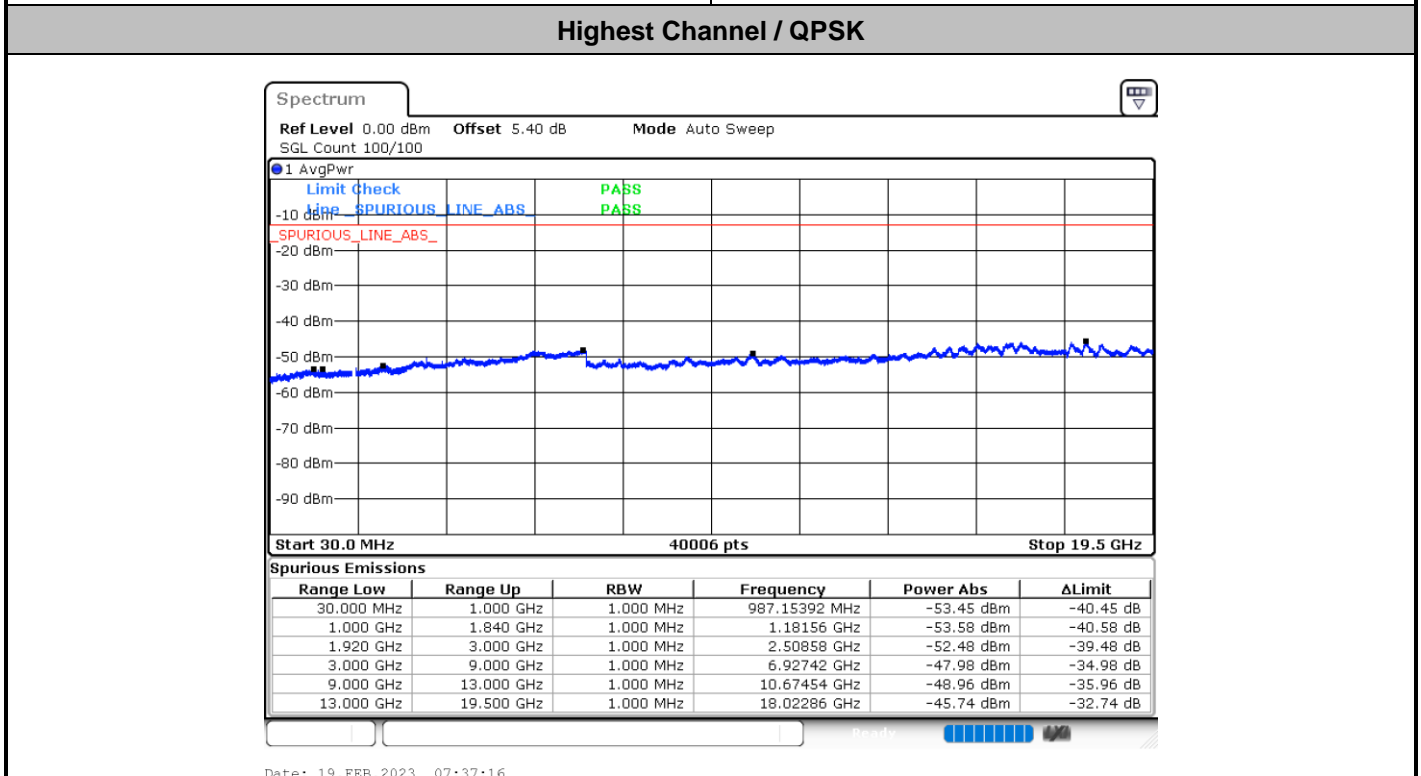
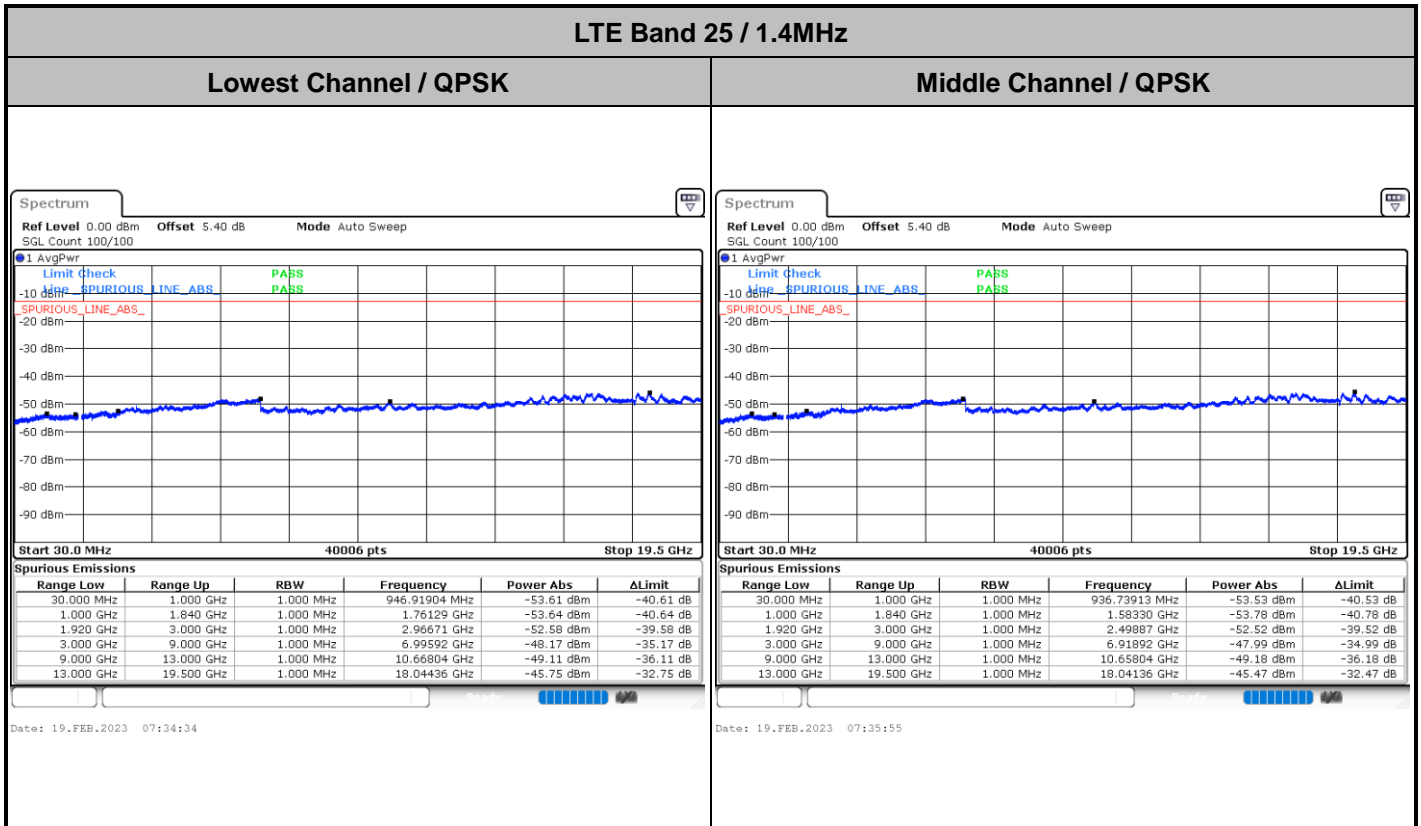
Highest Band Edge / Full RB



Date: 19.FEB.2023 07:24:02



Conducted Spurious Emission

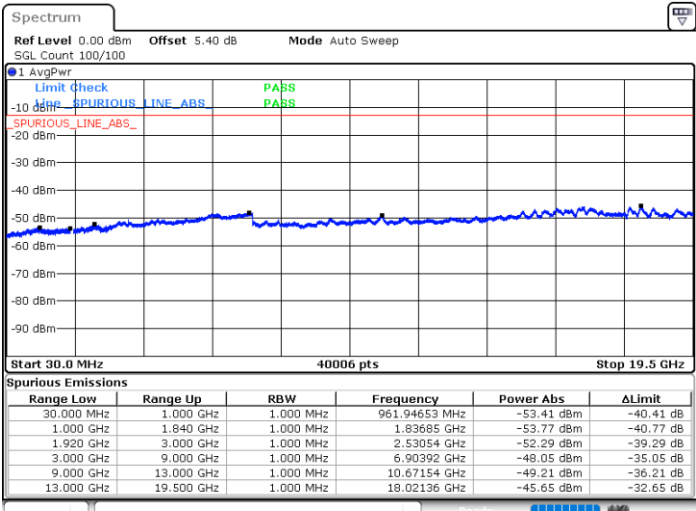




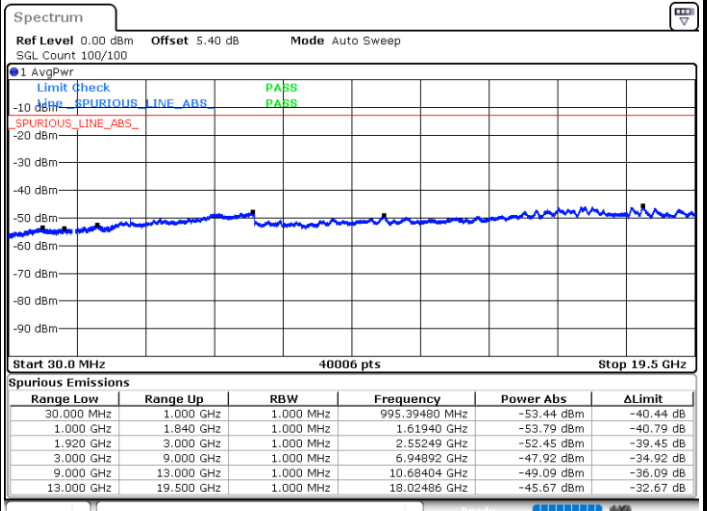
LTE Band 25 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

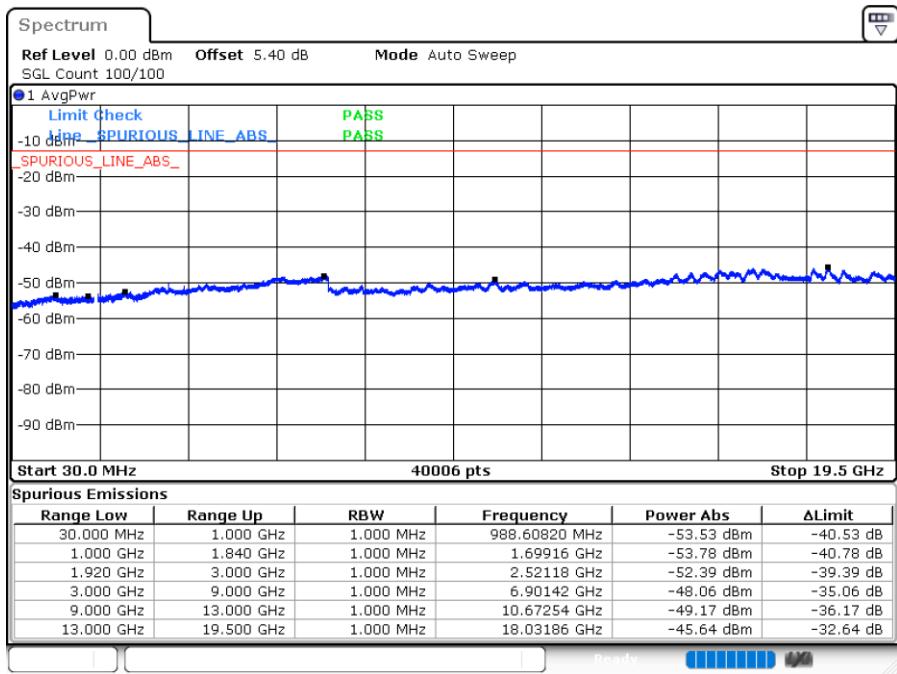


Date: 19.FEB.2023 07:38:38



Date: 19.FEB.2023 07:39:59

Highest Channel / QPSK

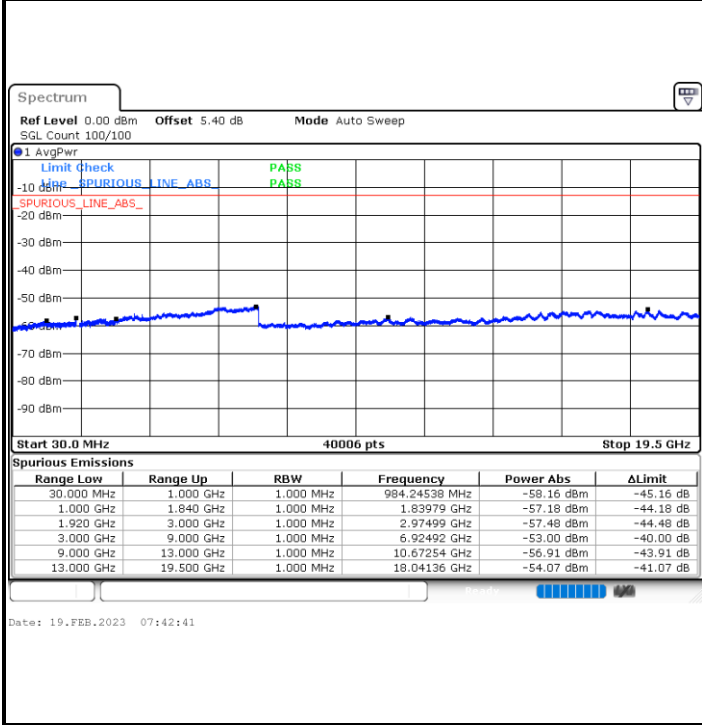


Date: 19.FEB.2023 07:41:19

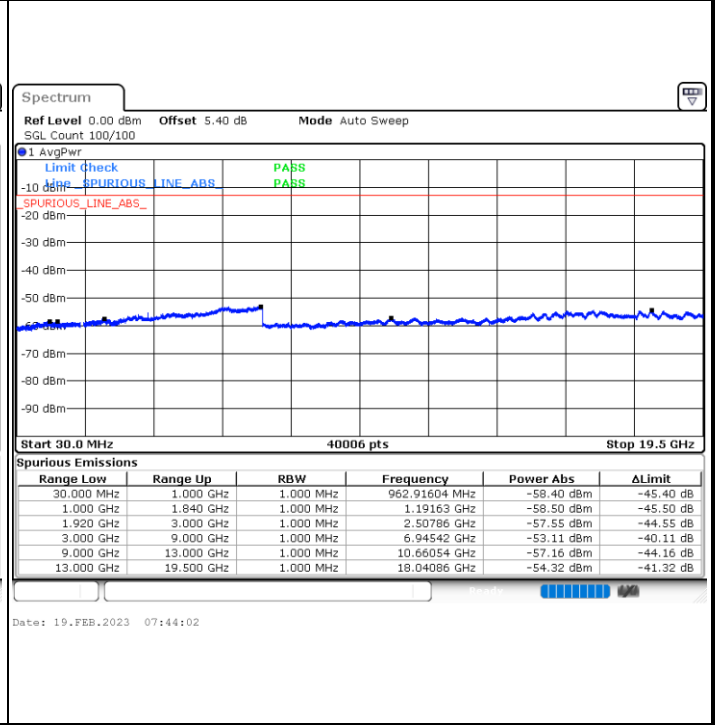


LTE Band 25 / 5MHz

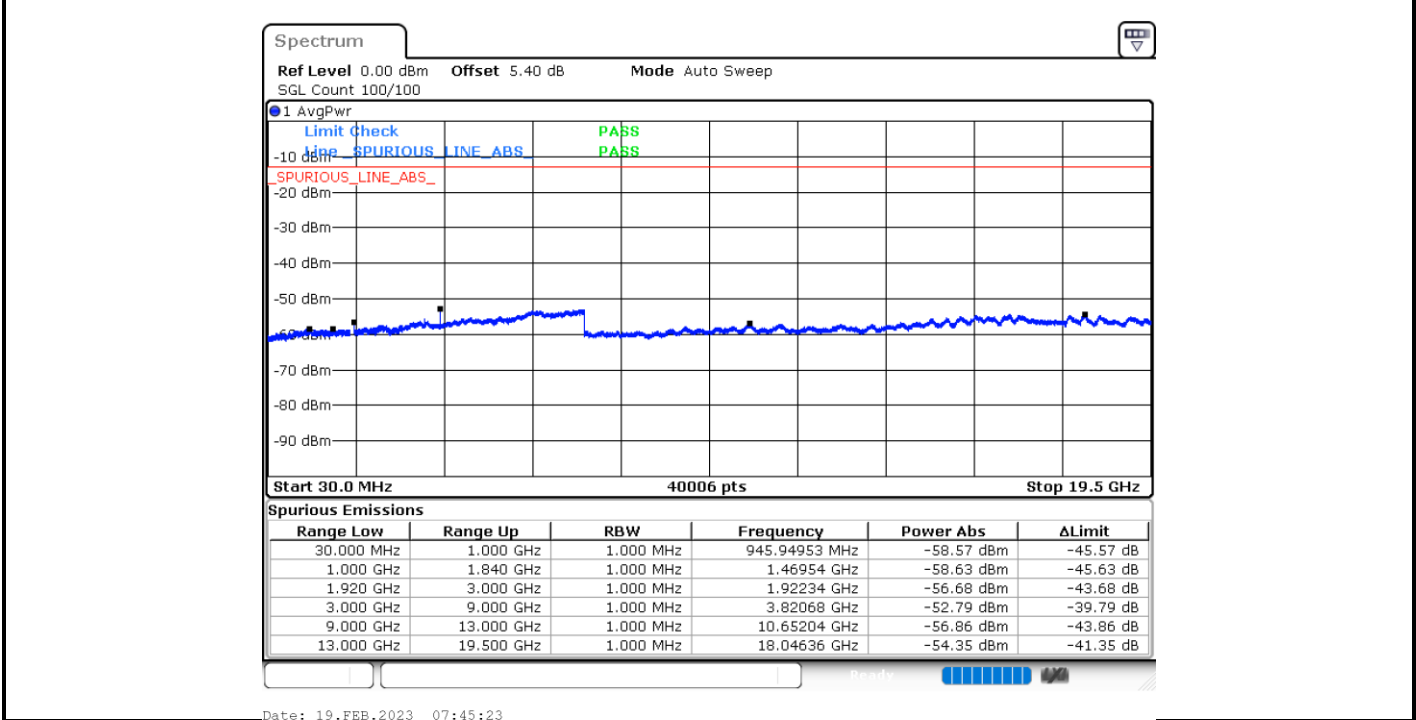
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

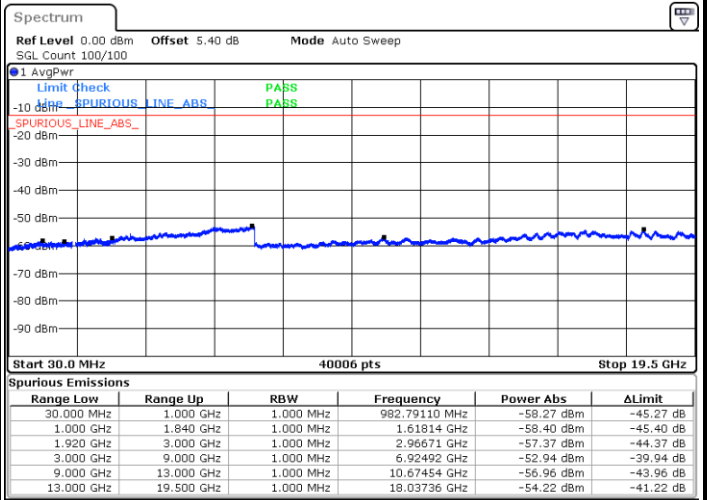
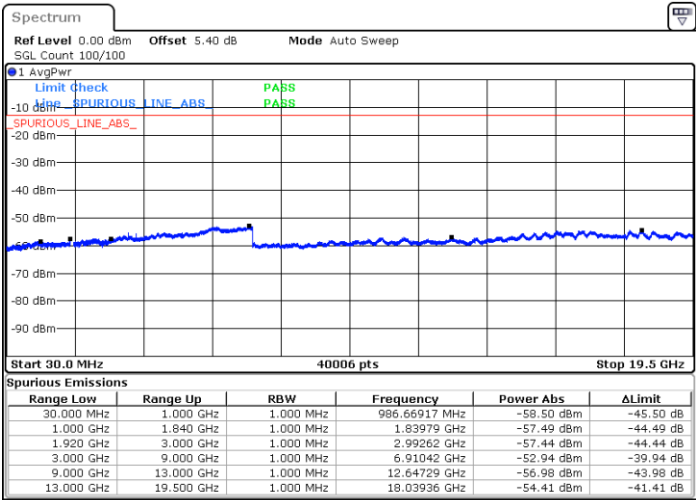




LTE Band 25 / 10MHz

Lowest Channel / QPSK

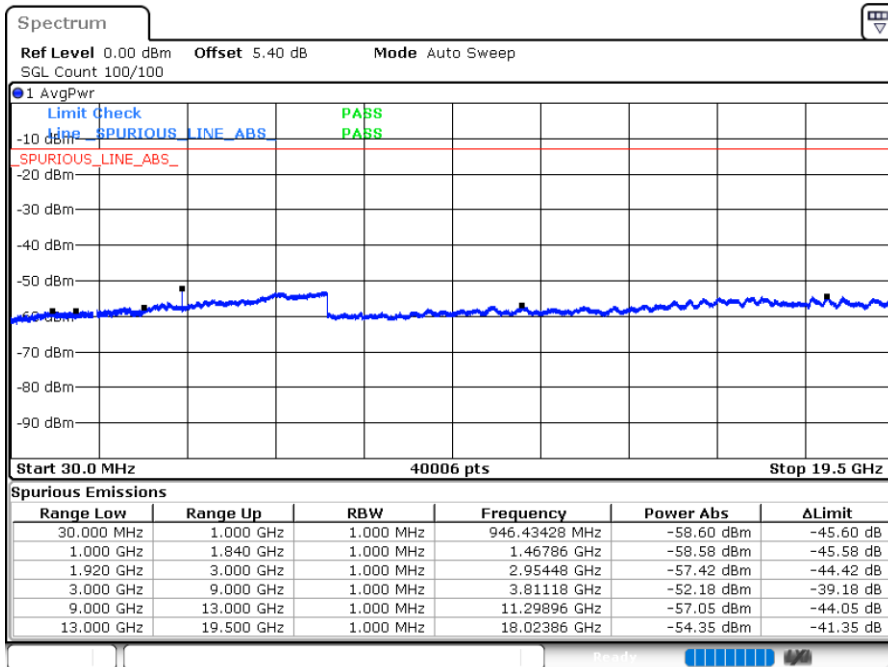
Middle Channel / QPSK



Date: 19.FEB.2023 07:46:45

Date: 19.FEB.2023 07:48:06

Highest Channel / QPSK



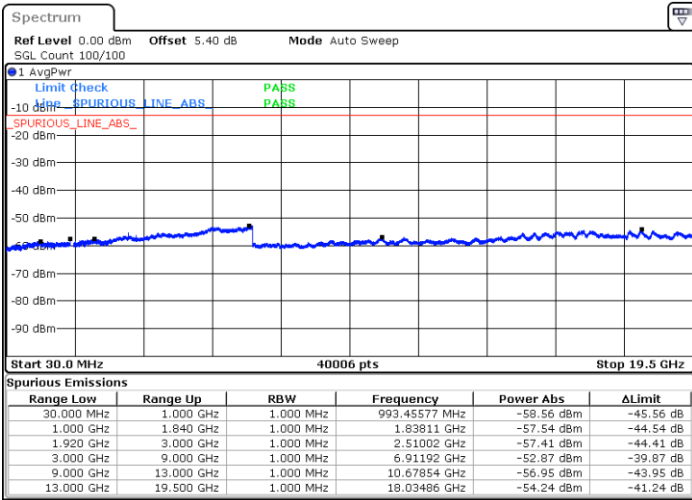
Date: 19.FEB.2023 07:49:27



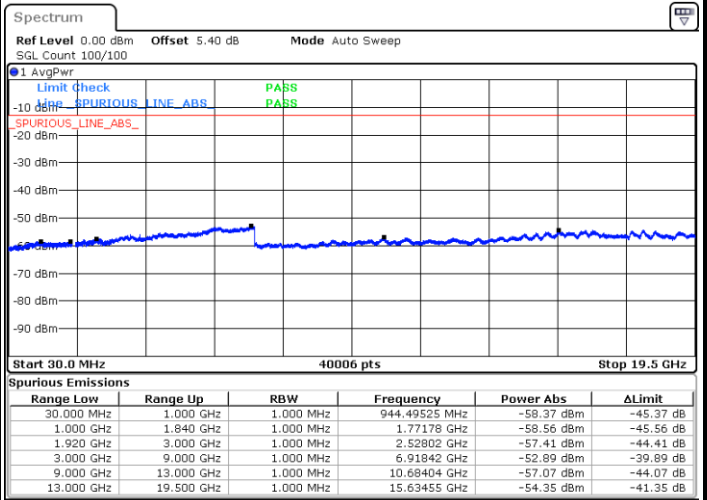
LTE Band 25 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

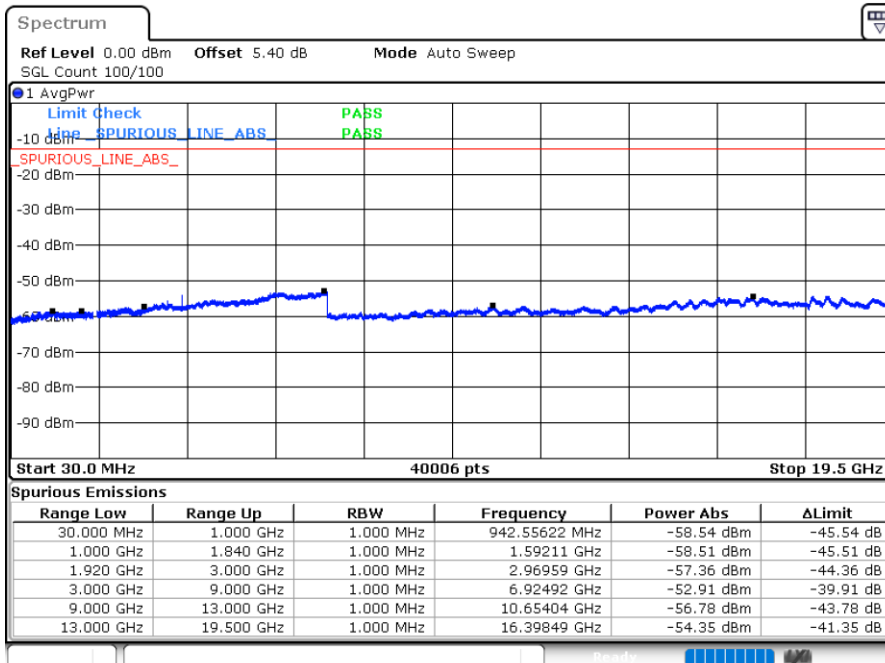


Date: 19.FEB.2023 07:50:49



Date: 19.FEB.2023 07:52:10

Highest Channel / QPSK

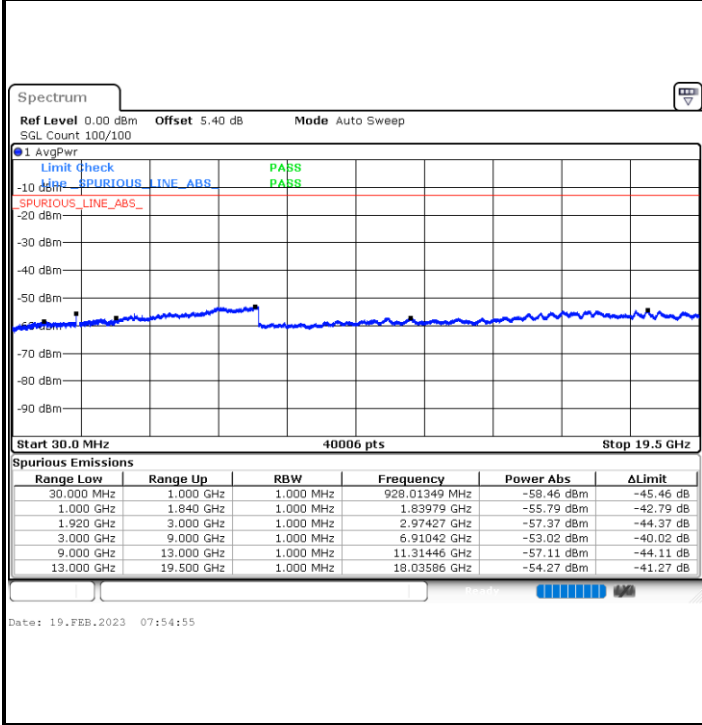


Date: 19.FEB.2023 07:53:32

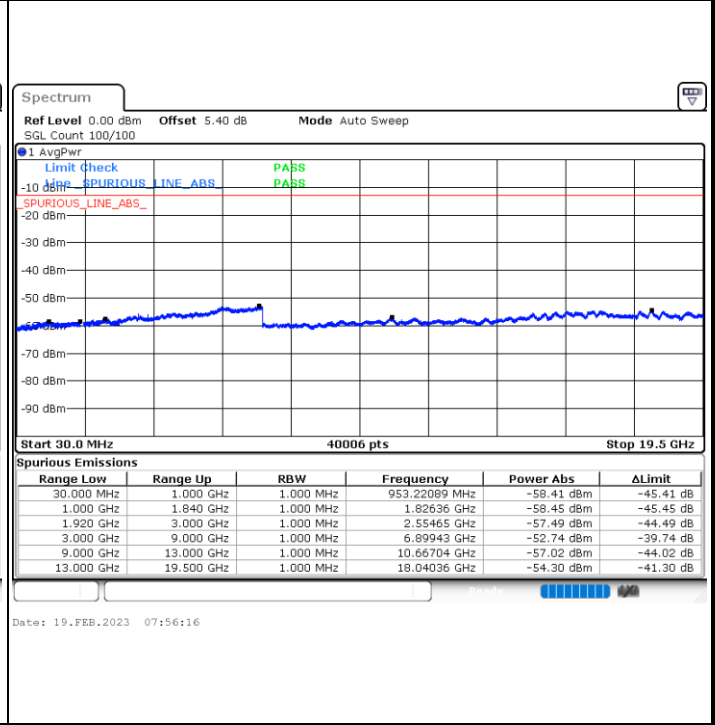


LTE Band 25 / 20MHz

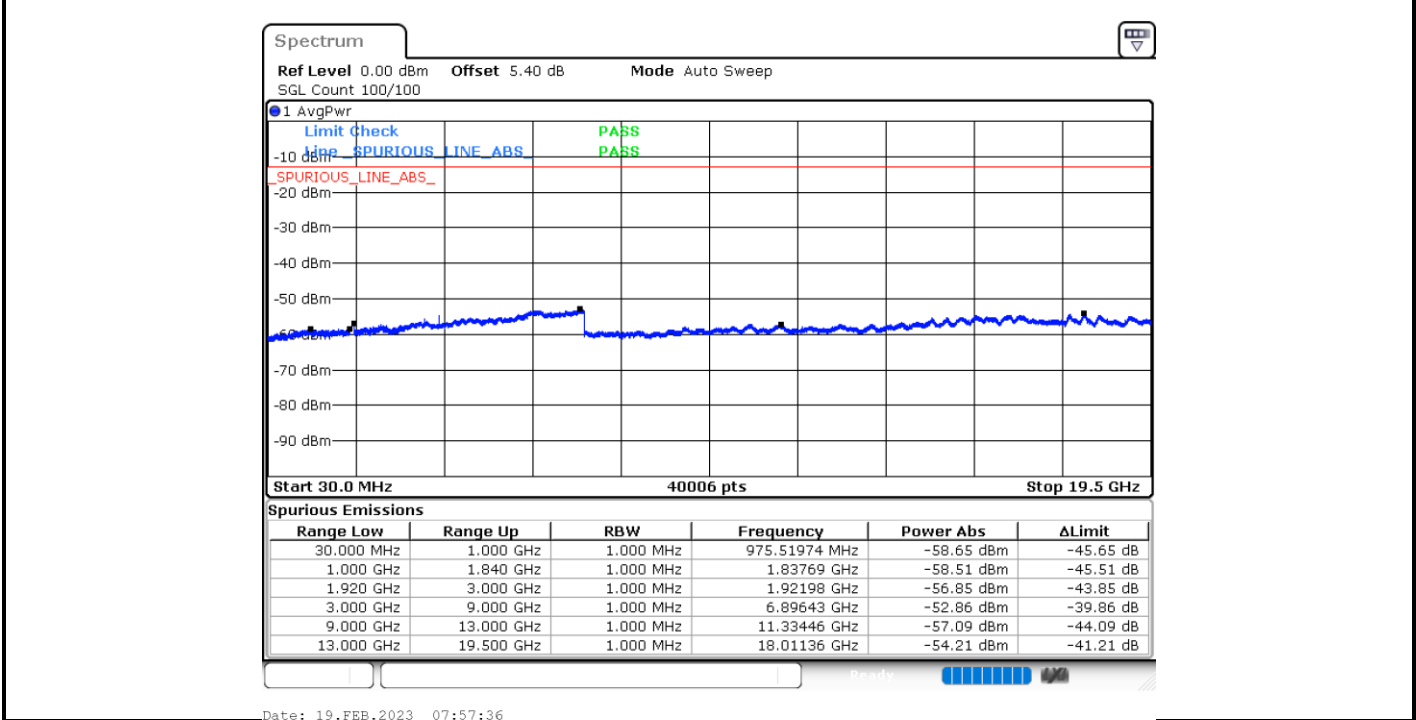
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

| Test Conditions | | LTE Band 25 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0024 | |
| 30 | Normal Voltage | 0.0018 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0016 | |
| 0 | Normal Voltage | 0.0004 | |
| -10 | Normal Voltage | 0.0025 | |
| -20 | Normal Voltage | 0.0032 | |
| -30 | Normal Voltage | 0.0011 | |
| 20 | Maximum Voltage | 0.0027 | |
| 20 | Normal Voltage | 0.0022 | |
| 20 | Battery End Point | 0.0013 | |

Note:

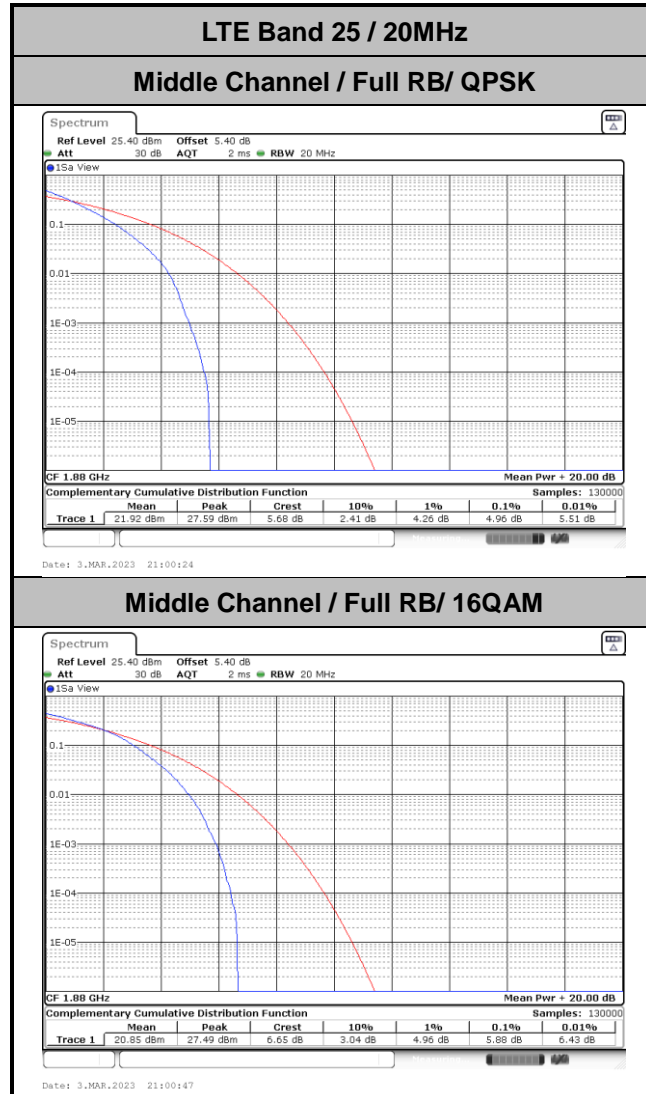
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.41 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

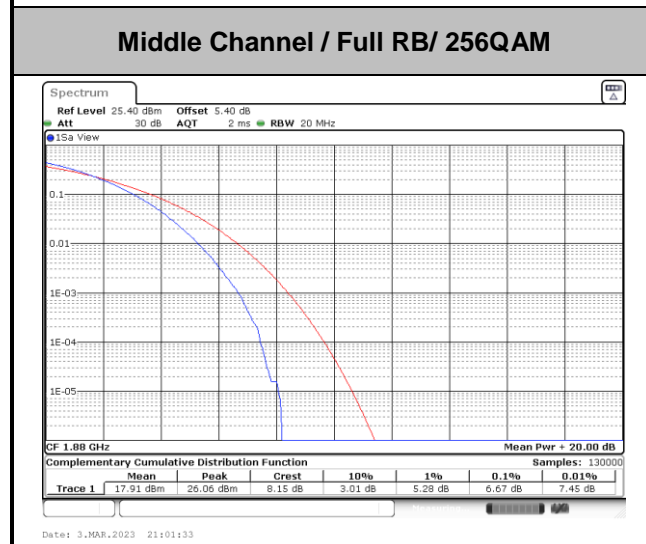
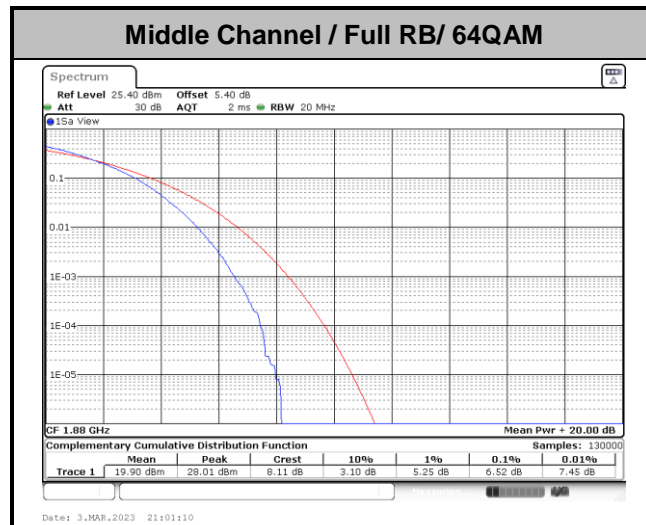


LTE Band 25 for Other PA

Peak-to-Average Ratio

| Mode | LTE Band 25 / 20MHz | | | | |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod. | QPSK | 16QAM | 64QAM | 256QAM | Limit: 13dB |
| RB Size | Full RB | Full RB | Full RB | Full RB | Result |
| Middle CH | 4.96 | 5.88 | 6.52 | 6.67 | PASS |







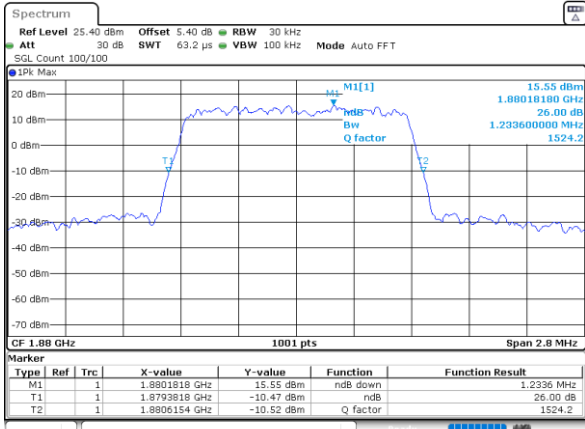
26dB Bandwidth

| Mode | LTE Band 25 : 26dB BW(MHz) | |
|-----------|----------------------------|-------|
| BW | 1.4MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 1.23 | 1.22 |
| BW | 3MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 3.00 | 3.02 |
| BW | 5MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 4.98 | 4.86 |
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.77 | 9.65 |
| BW | 15MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 14.45 | 14.45 |
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 18.90 | 18.98 |



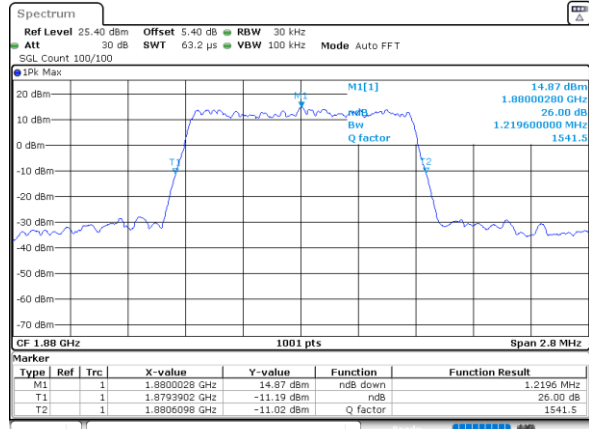
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 4.MAR.2023 04:43:11

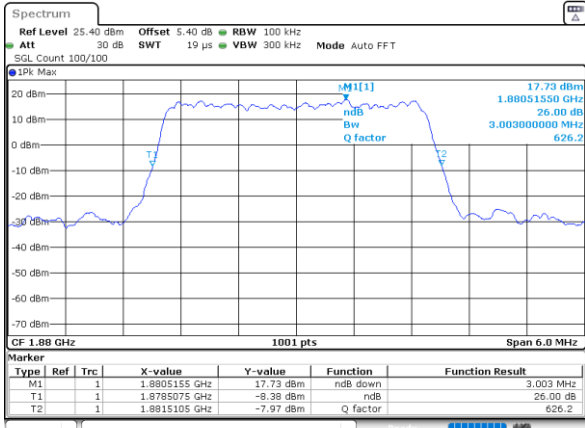
Middle Channel / 1.4MHz / 16QAM



Date: 4.MAR.2023 04:43:33

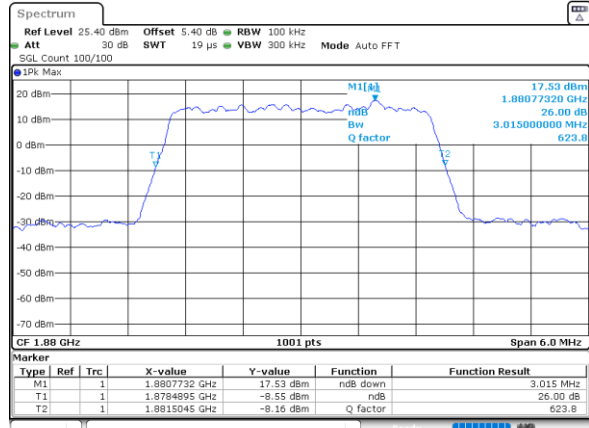
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 3.MAR.2023 18:15:40

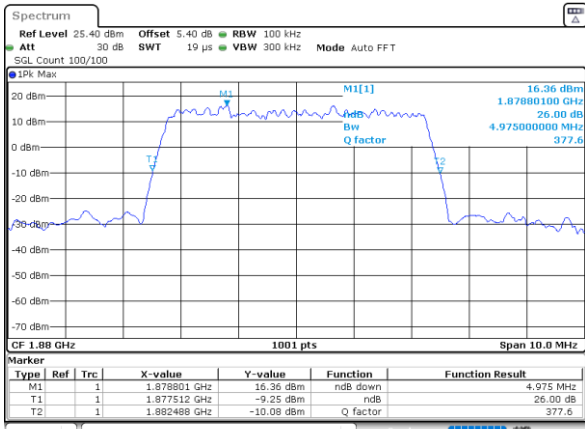
Middle Channel / 3MHz / 16QAM



Date: 3.MAR.2023 18:16:23

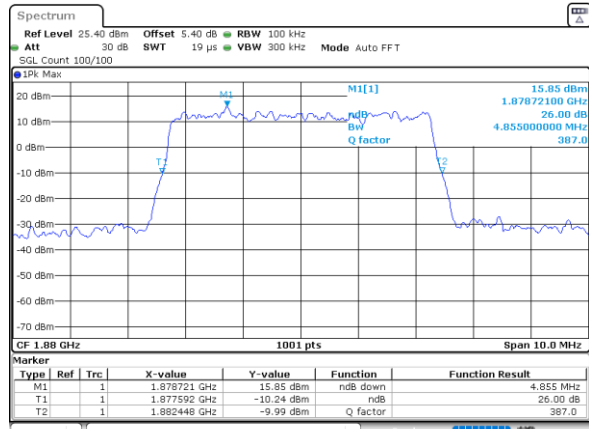
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 3.MAR.2023 18:43:50

Middle Channel / 5MHz / 16QAM

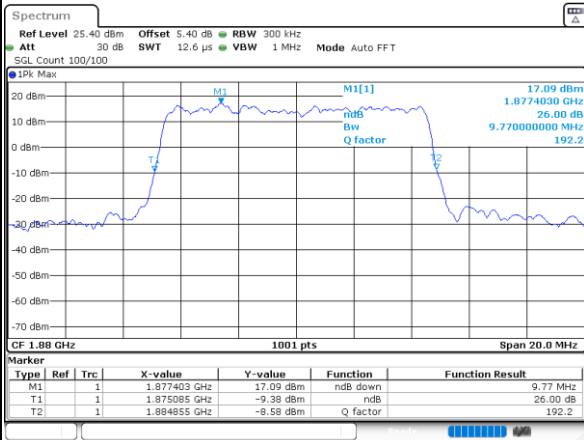


Date: 3.MAR.2023 18:44:12



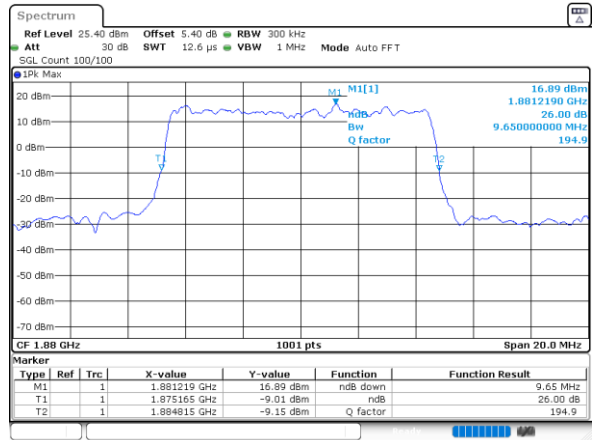
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 3.MAR.2023 19:22:34

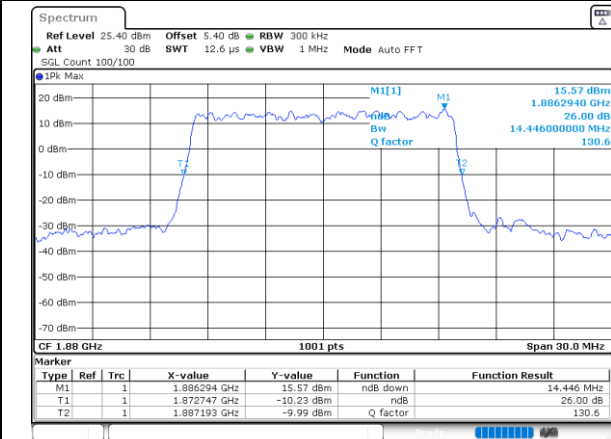
Middle Channel / 10MHz / 16QAM



Date: 3.MAR.2023 19:23:17

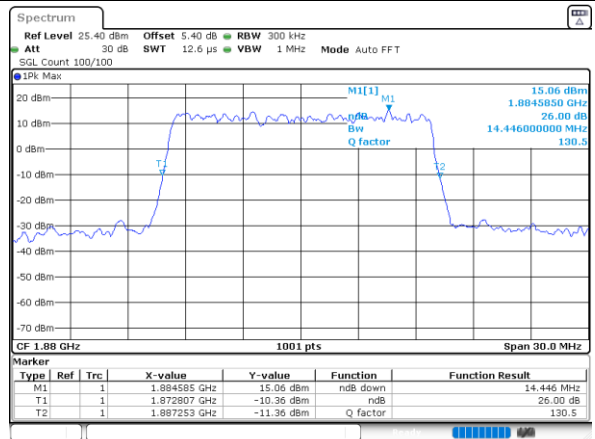
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 3.MAR.2023 20:04:52

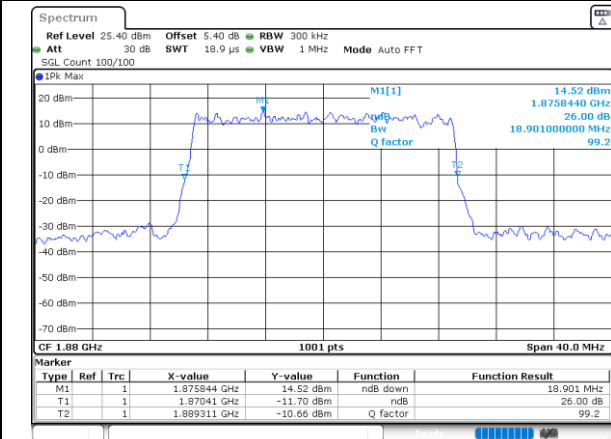
Middle Channel / 15MHz / 16QAM



Date: 3.MAR.2023 20:05:14

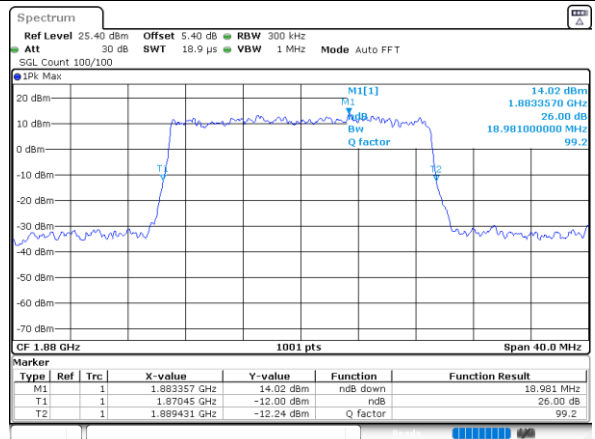
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 3.MAR.2023 20:48:36

Middle Channel / 20MHz / 16QAM



Date: 3.MAR.2023 20:48:57



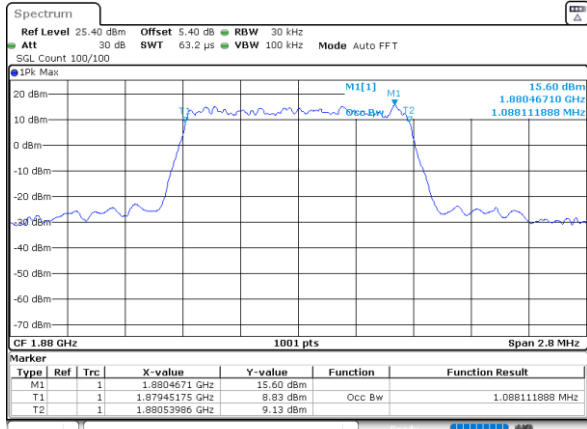
Occupied Bandwidth

| Mode | LTE Band 25 : 99%OBW(MHz) | |
|------------------|---------------------------|--------------|
| BW | 1.4MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 1.09 | 1.09 |
| BW | 3MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 2.72 | 2.74 |
| BW | 5MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 4.50 | 4.49 |
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.05 | 9.01 |
| BW | 15MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 13.52 | 13.46 |
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 17.90 | 17.94 |



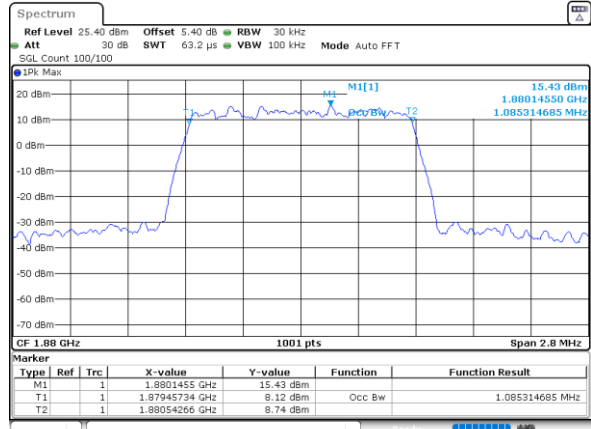
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 4.MAR.2023 04:43:19

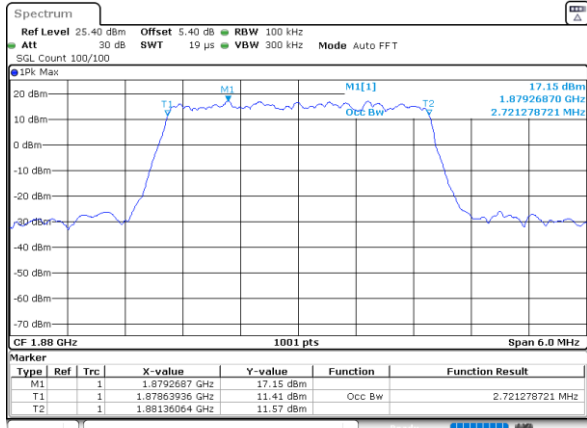
Middle Channel / 1.4MHz / 16QAM



Date: 4.MAR.2023 04:43:40

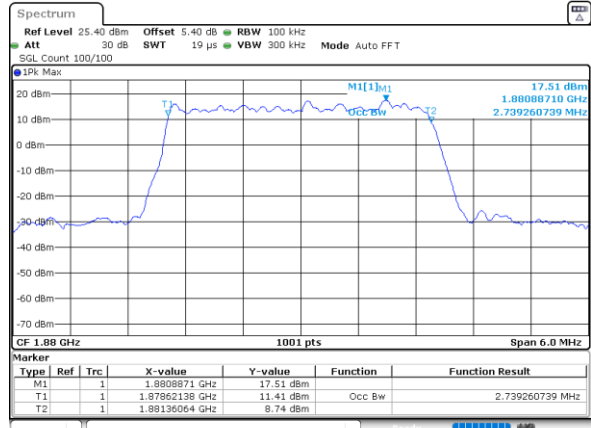
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 3.MAR.2023 18:15:18

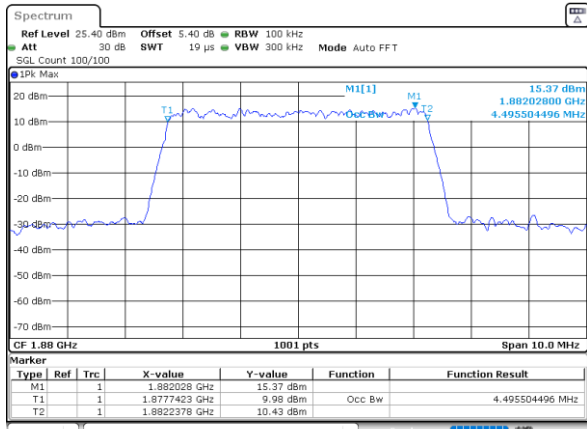
Middle Channel / 3MHz / 16QAM



Date: 3.MAR.2023 18:16:01

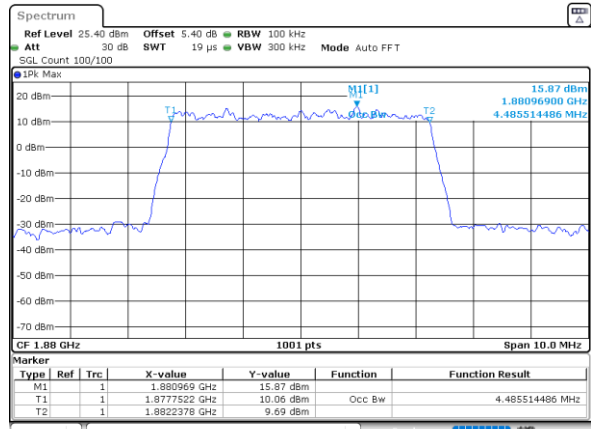
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 3.MAR.2023 18:43:29

Middle Channel / 5MHz / 16QAM



Date: 3.MAR.2023 18:44:33