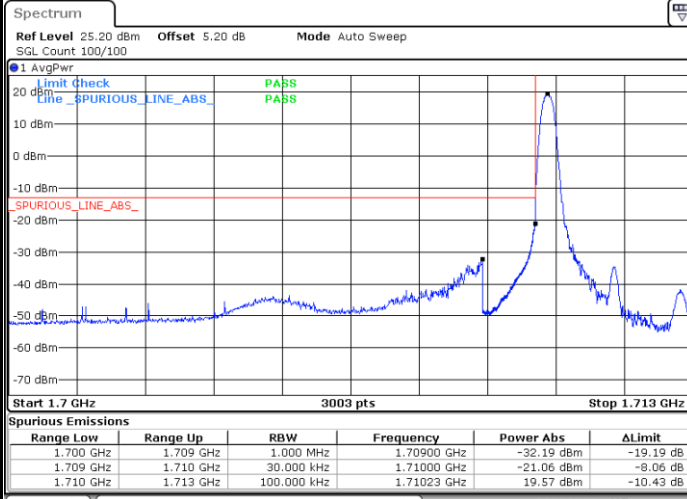




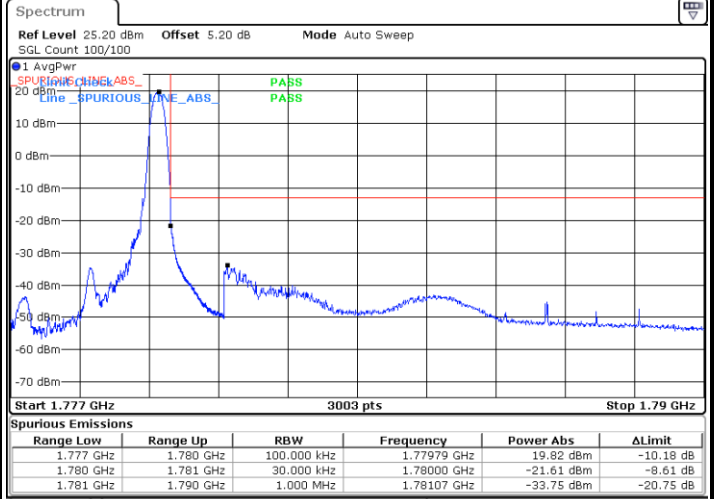
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



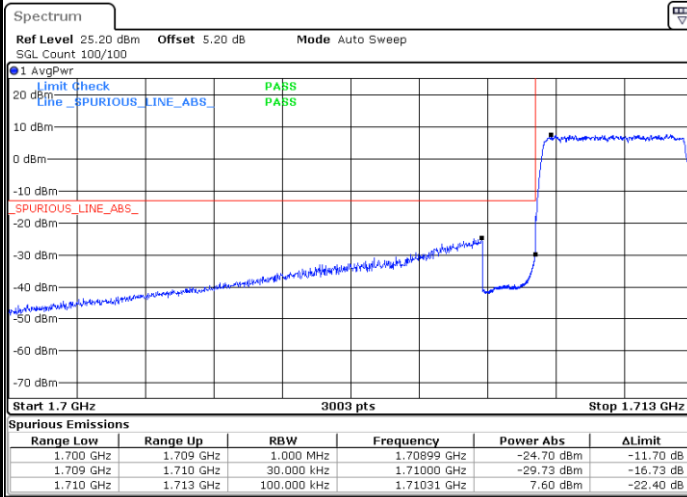
Date: 9.APR.2024 22:22:05

Highest Band Edge / 1 RB



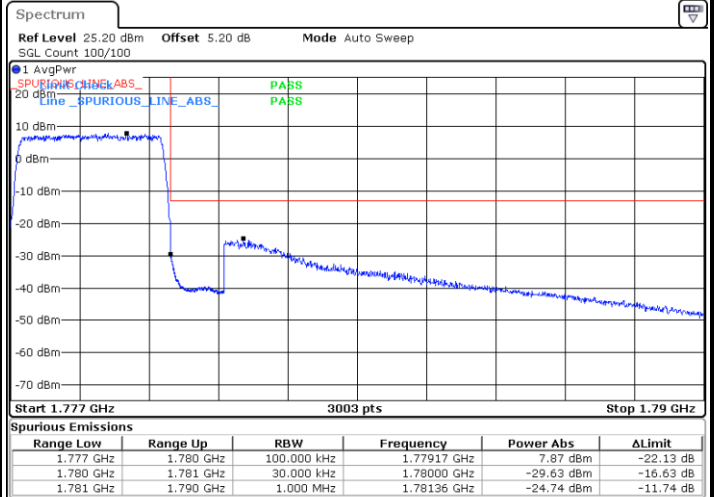
Date: 9.APR.2024 22:40:50

Lowest Band Edge / Full RB



Date: 9.APR.2024 22:30:53

Highest Band Edge / Full RB

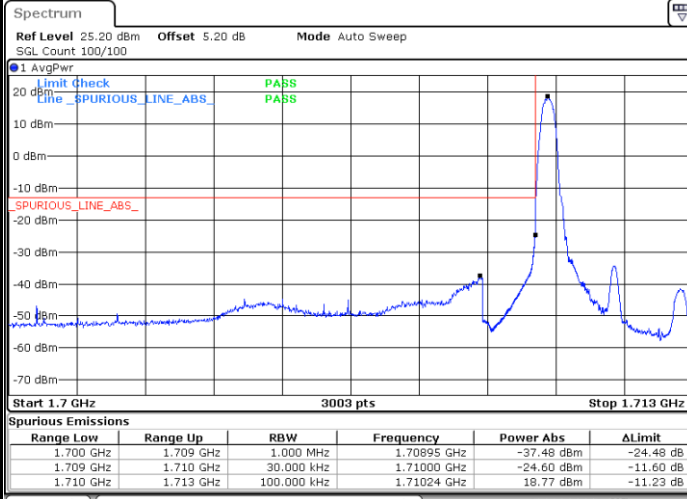


Date: 9.APR.2024 22:35:05



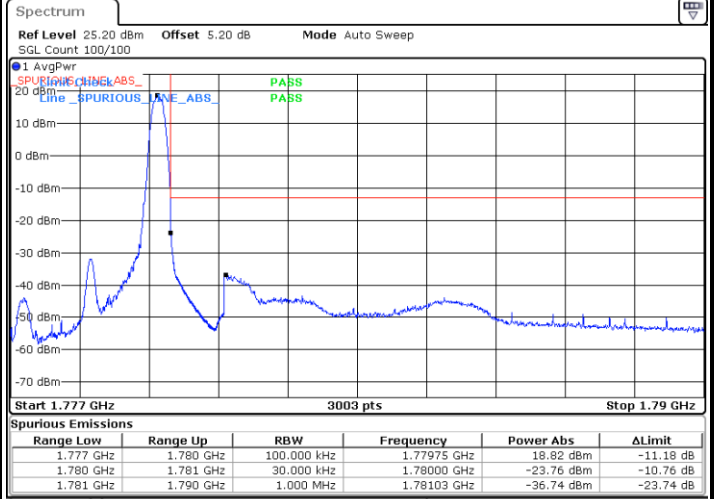
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



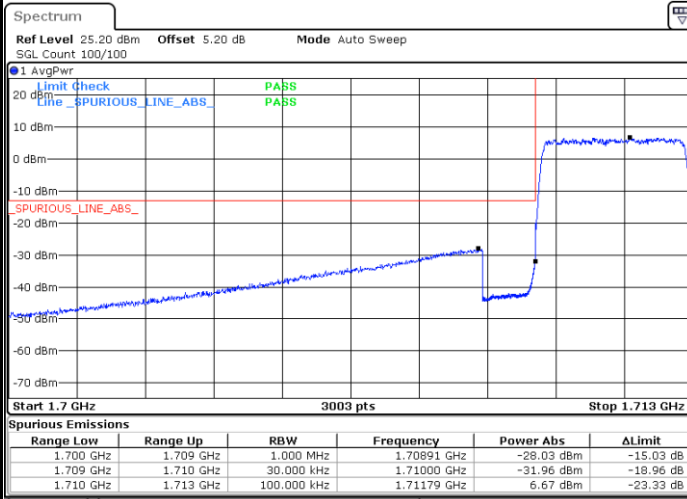
Date: 9.APR.2024 22:23:17

Highest Band Edge / 1 RB



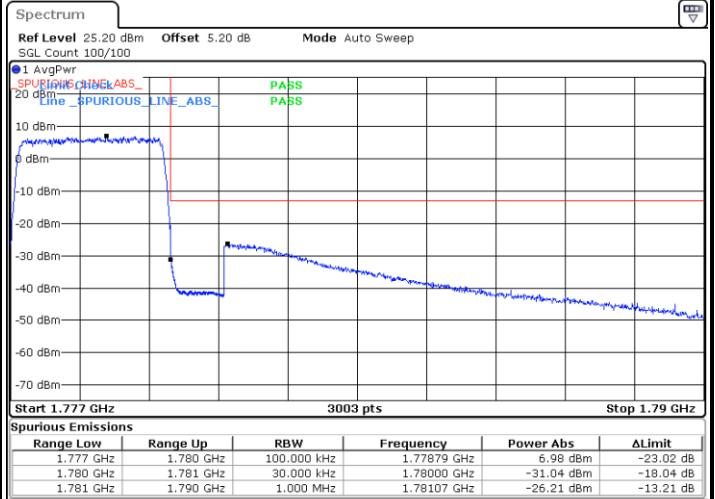
Date: 9.APR.2024 22:41:53

Lowest Band Edge / Full RB



Date: 9.APR.2024 22:31:48

Highest Band Edge / Full RB

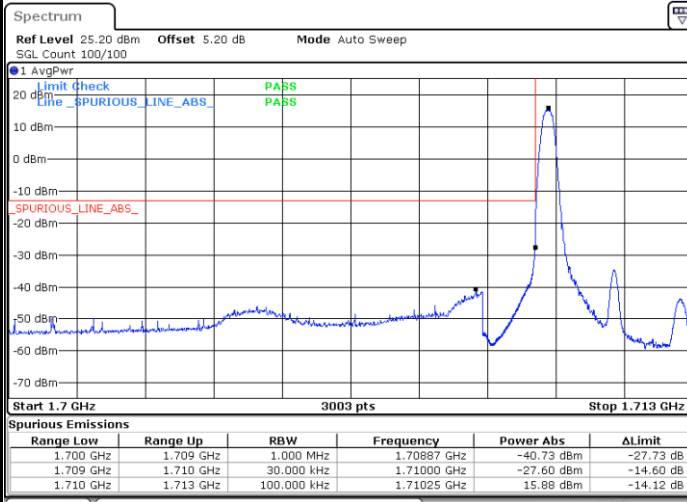


Date: 9.APR.2024 22:36:33



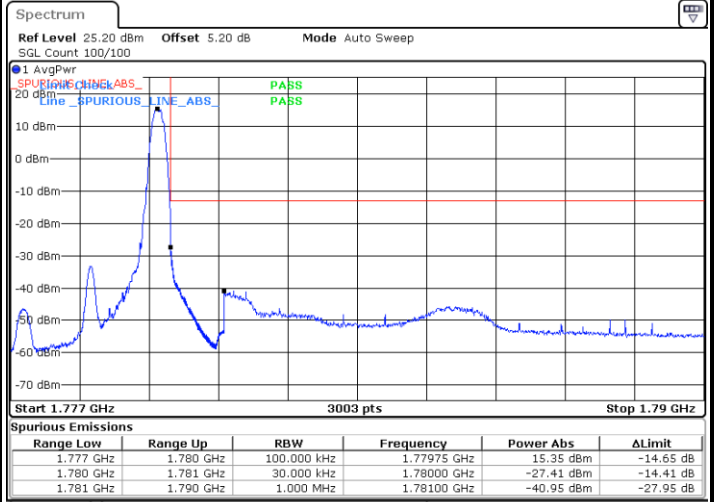
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



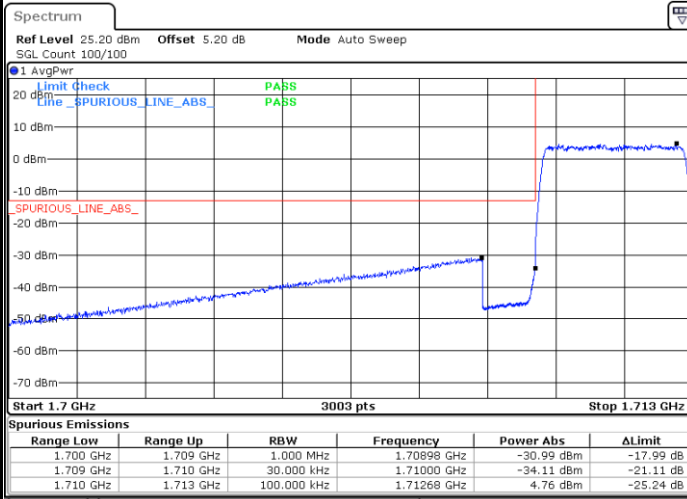
Date: 9.APR.2024 22:25:05

Highest Band Edge / 1 RB



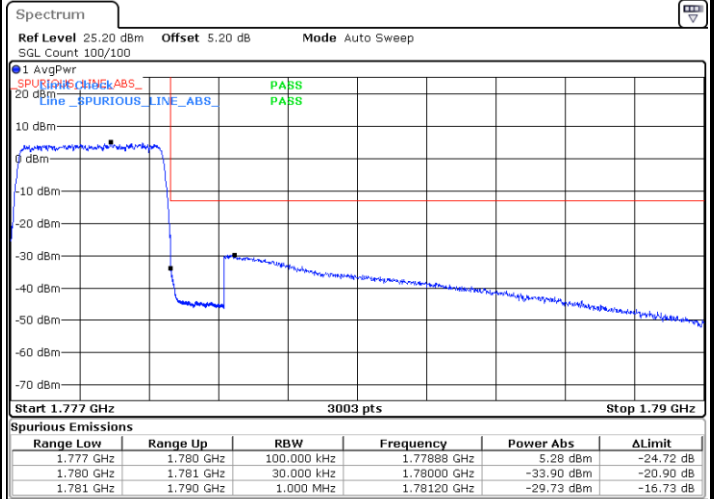
Date: 9.APR.2024 22:42:40

Lowest Band Edge / Full RB



Date: 9.APR.2024 22:32:51

Highest Band Edge / Full RB

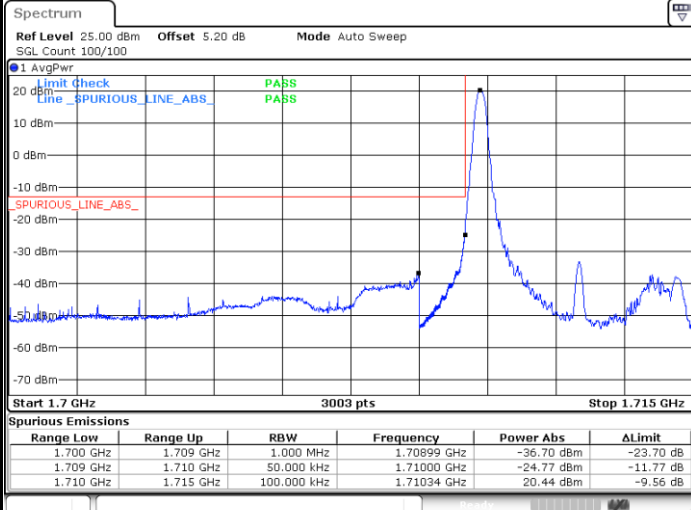


Date: 9.APR.2024 22:38:15

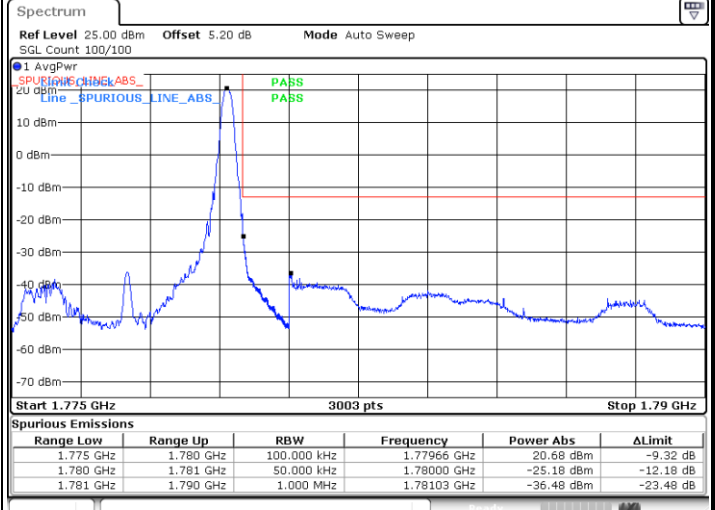


LTE Band 66 / 5MHz / QPSK

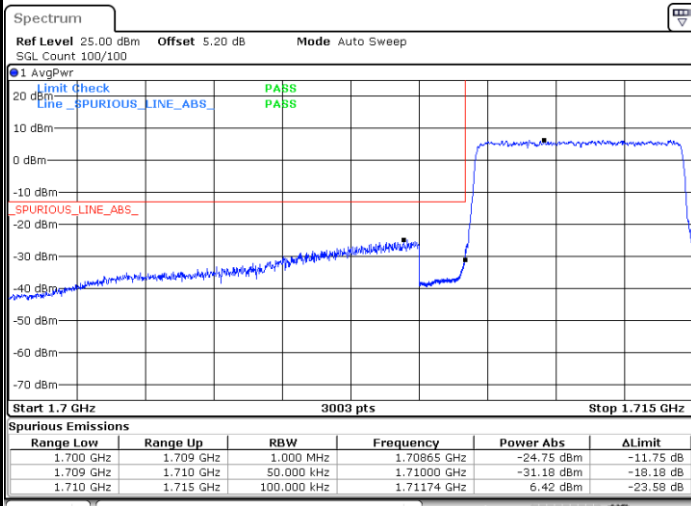
Lowest Band Edge / 1 RB



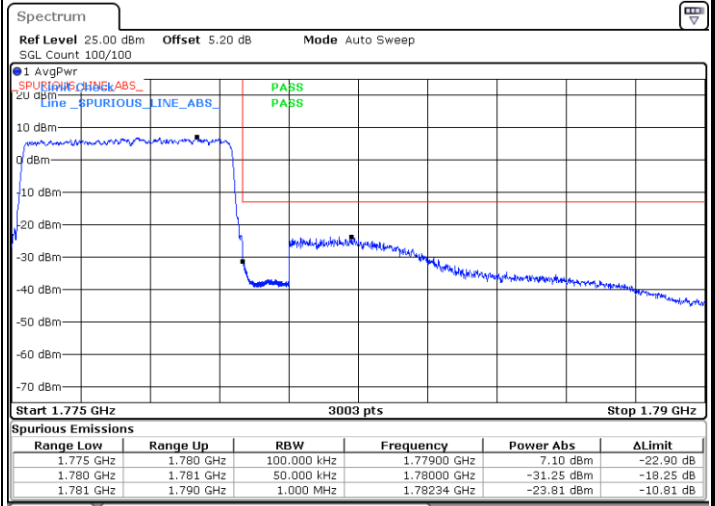
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



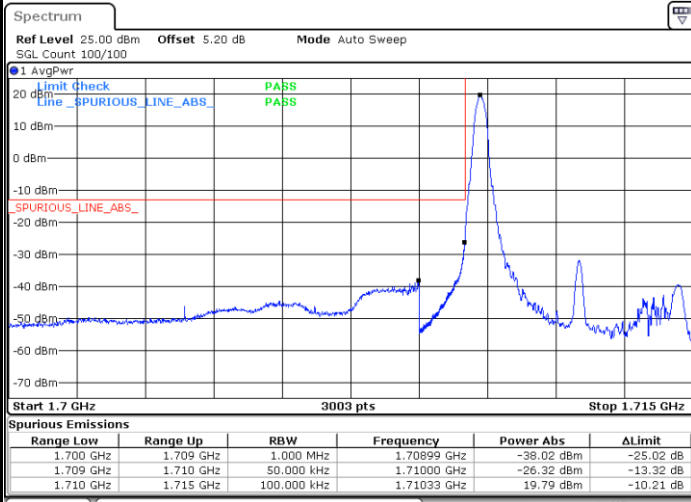
Highest Band Edge / Full RB





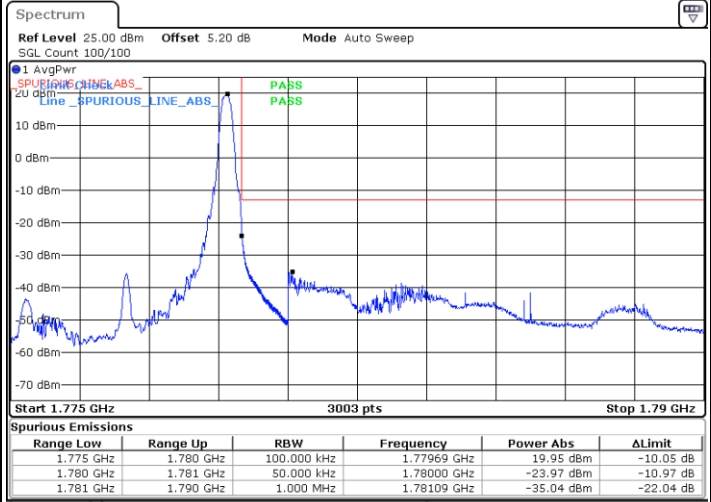
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



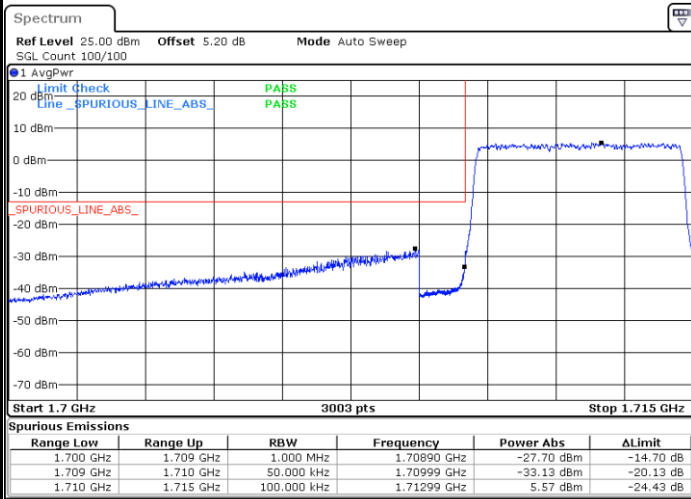
Date: 9.APR.2024 22:55:27

Highest Band Edge / 1 RB



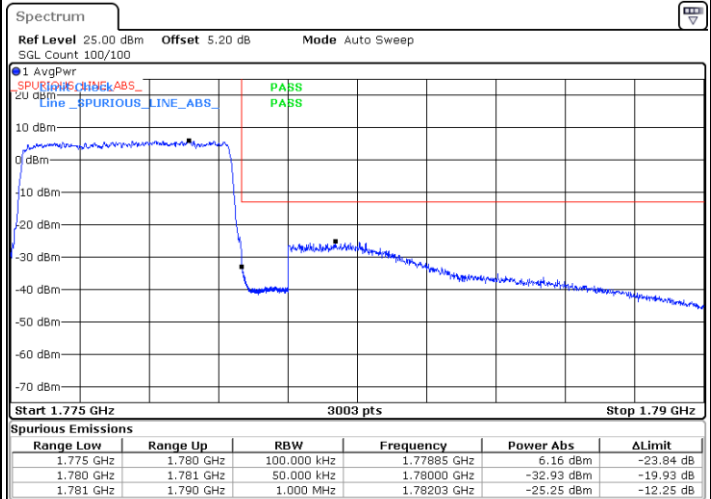
Date: 9.APR.2024 23:00:04

Lowest Band Edge / Full RB



Date: 9.APR.2024 22:52:38

Highest Band Edge / Full RB

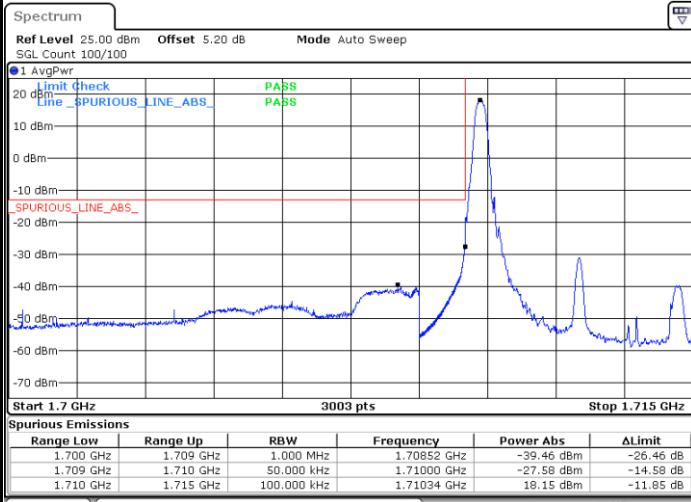


Date: 9.APR.2024 23:06:25



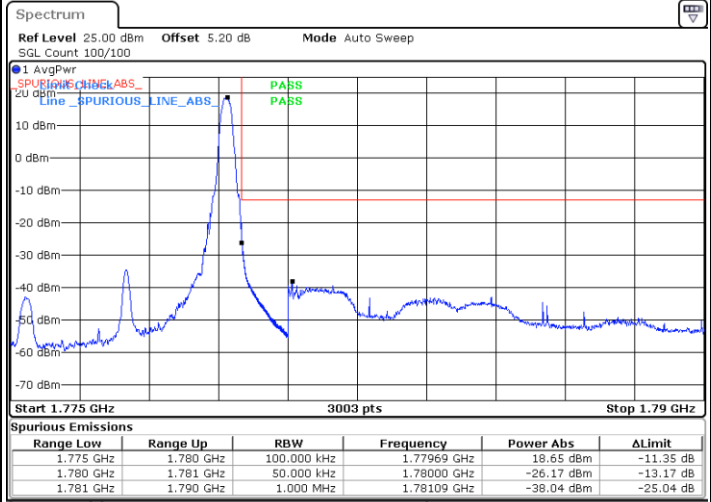
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



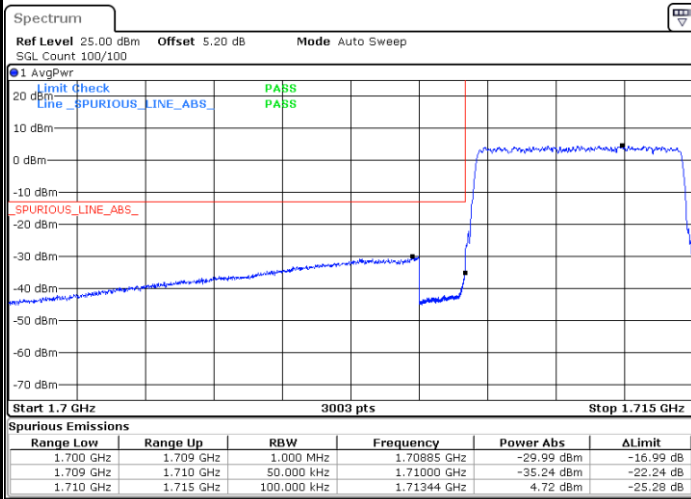
Date: 9.APR.2024 22:57:00

Highest Band Edge / 1 RB



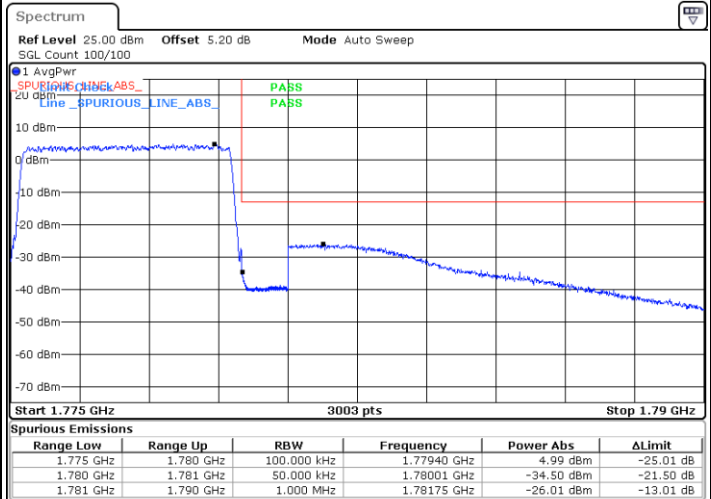
Date: 9.APR.2024 23:00:49

Lowest Band Edge / Full RB



Date: 9.APR.2024 22:53:15

Highest Band Edge / Full RB

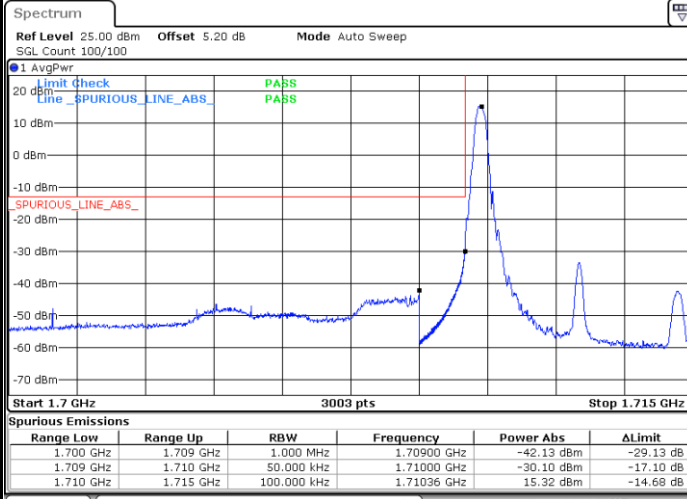


Date: 9.APR.2024 23:07:11



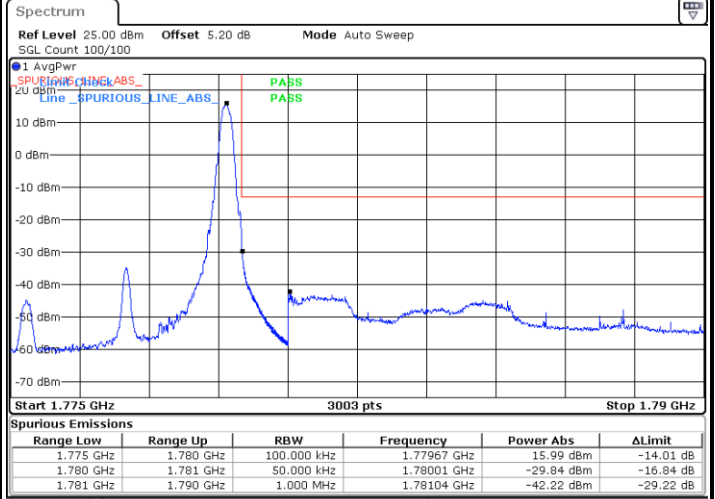
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



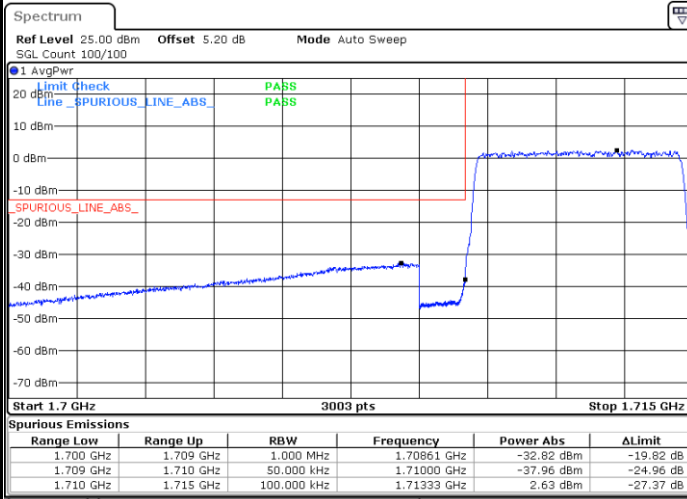
Date: 9.APR.2024 22:57:59

Highest Band Edge / 1 RB



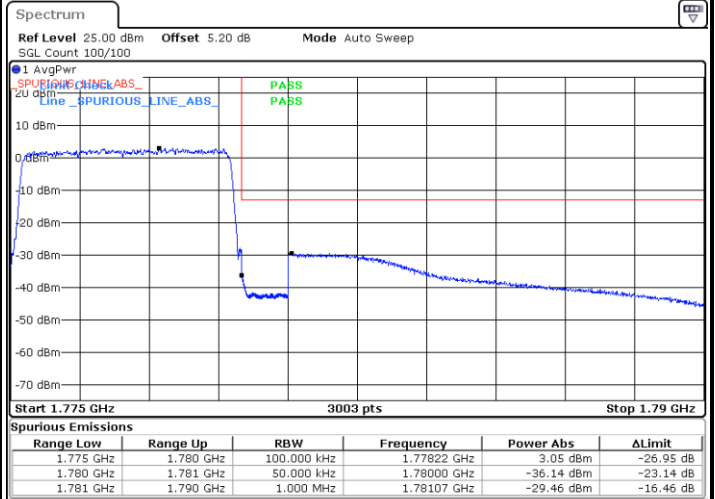
Date: 9.APR.2024 23:03:26

Lowest Band Edge / Full RB



Date: 9.APR.2024 22:53:47

Highest Band Edge / Full RB

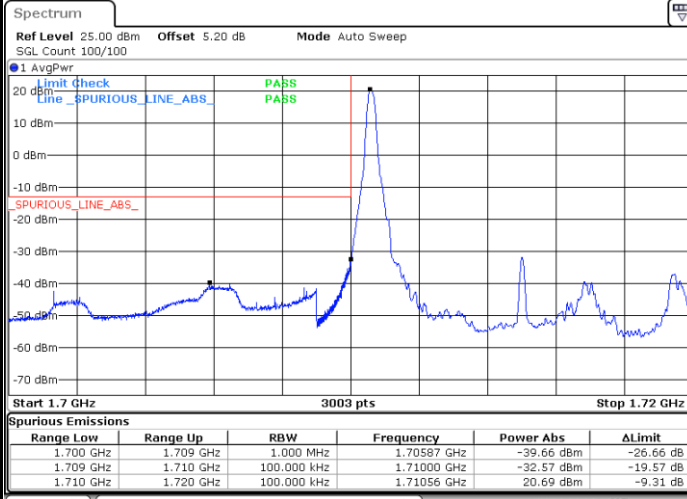


Date: 9.APR.2024 23:08:05



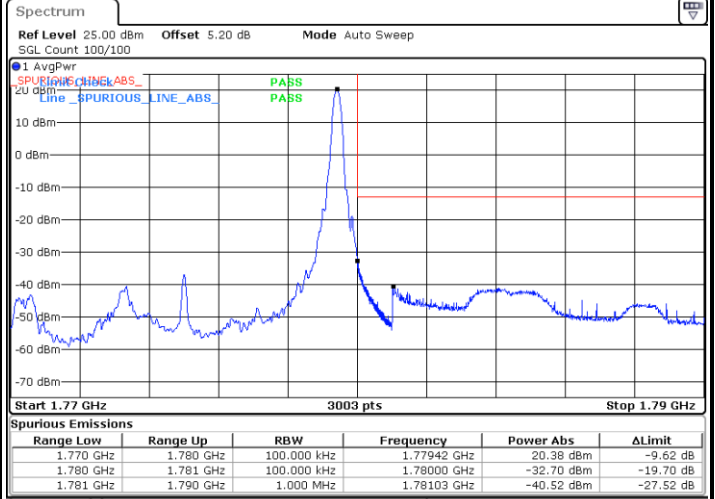
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



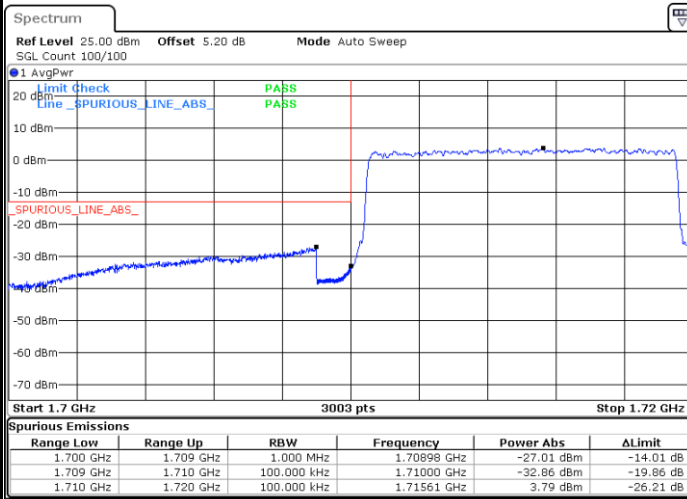
Date: 9.APR.2024 23:20:29

Highest Band Edge / 1 RB



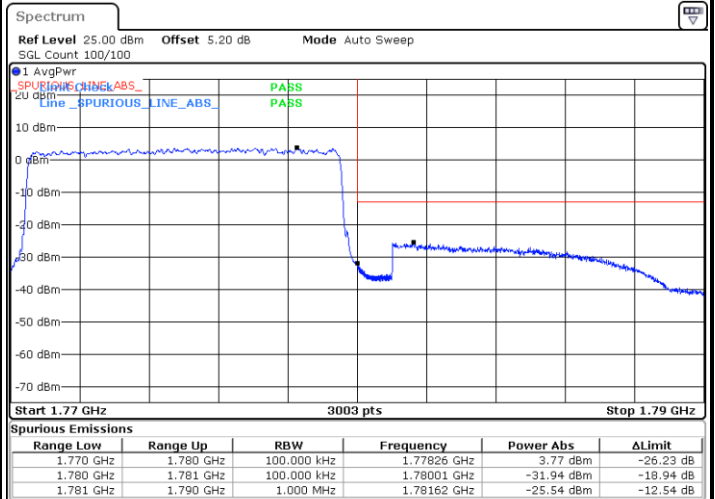
Date: 9.APR.2024 23:26:21

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:17:37

Highest Band Edge / Full RB



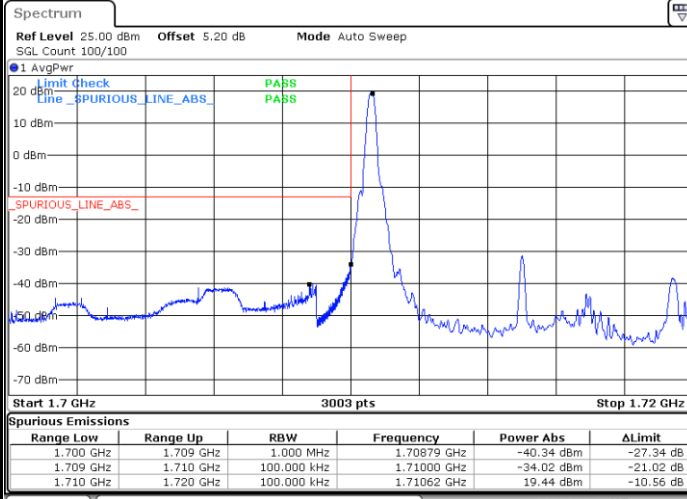
Date: 9.APR.2024 23:28:13





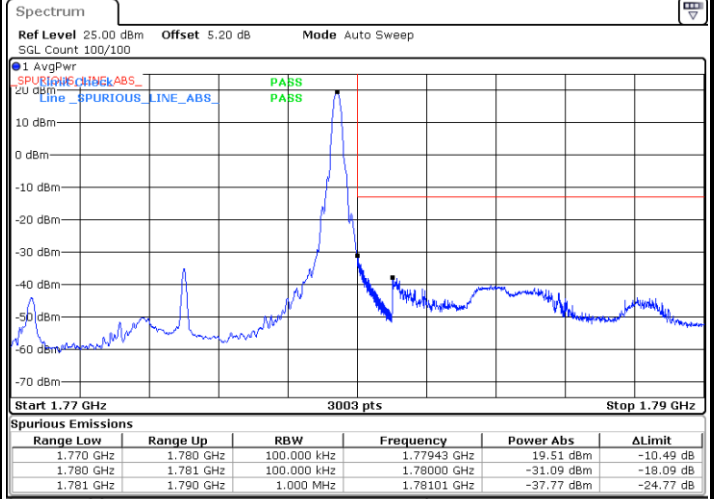
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



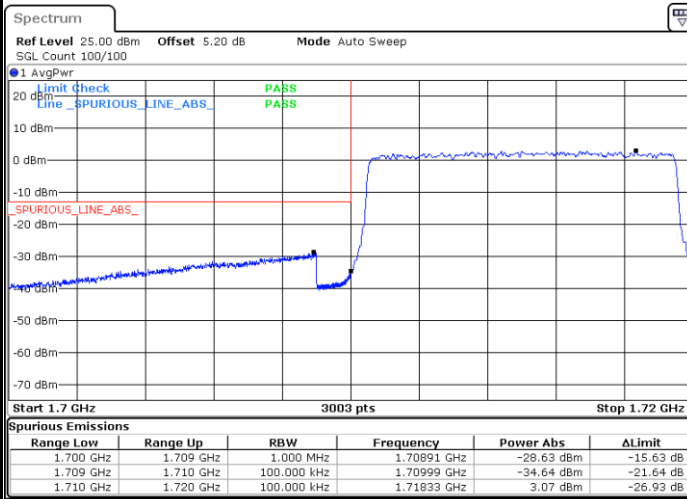
Date: 9.APR.2024 23:20:59

Highest Band Edge / 1 RB



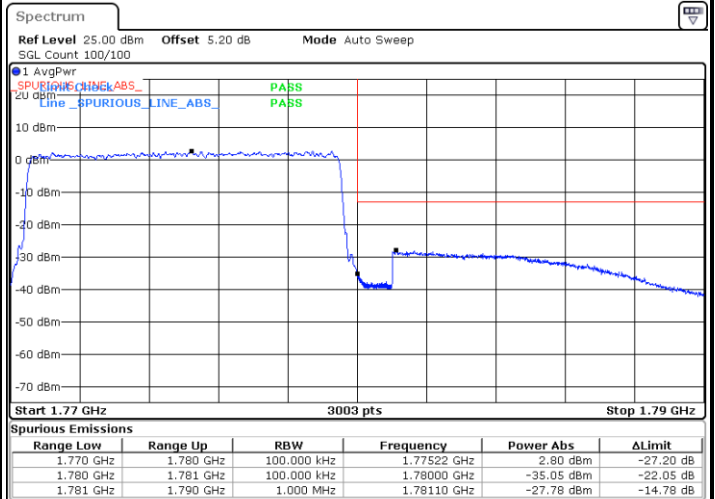
Date: 9.APR.2024 23:26:50

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:17:59

Highest Band Edge / Full RB

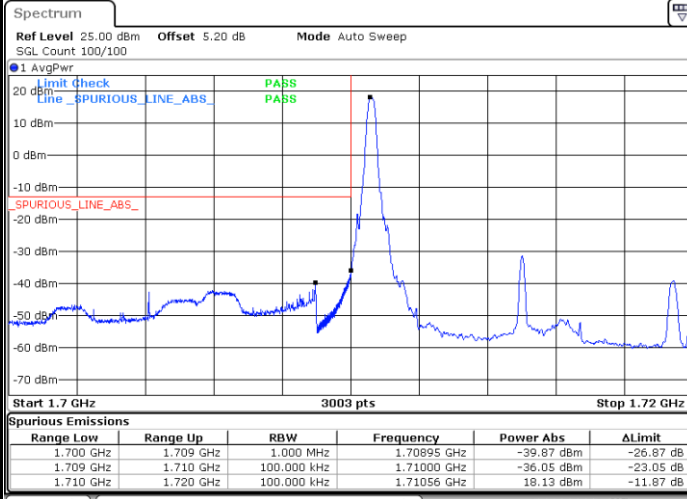


Date: 9.APR.2024 23:28:38



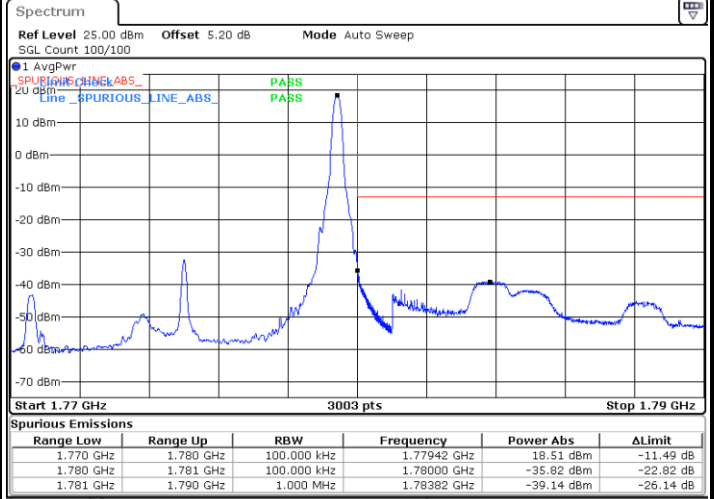
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



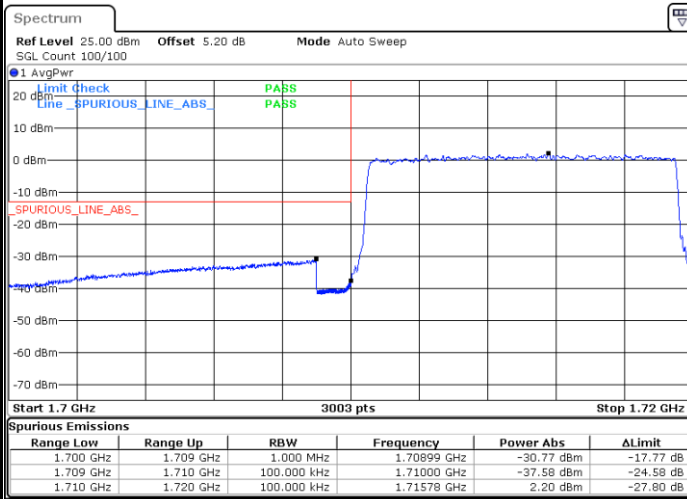
Date: 9.APR.2024 23:21:37

Highest Band Edge / 1 RB



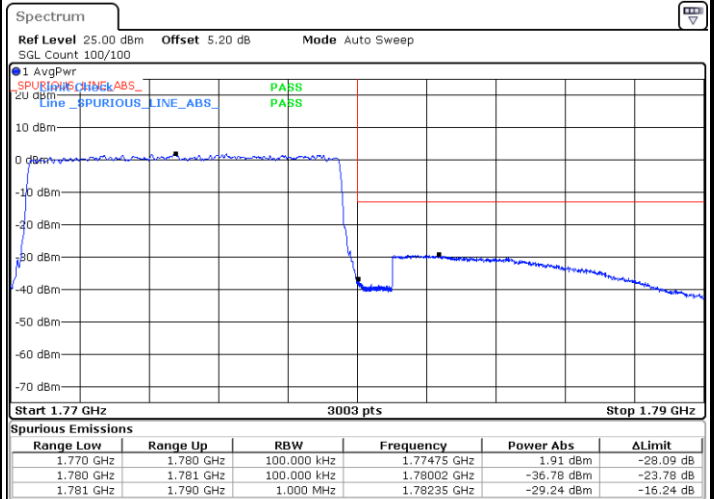
Date: 9.APR.2024 23:27:26

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:18:31

Highest Band Edge / Full RB

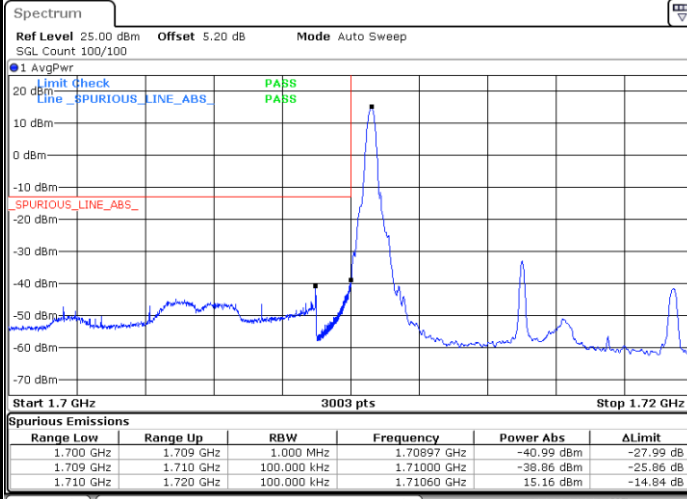


Date: 9.APR.2024 23:29:08



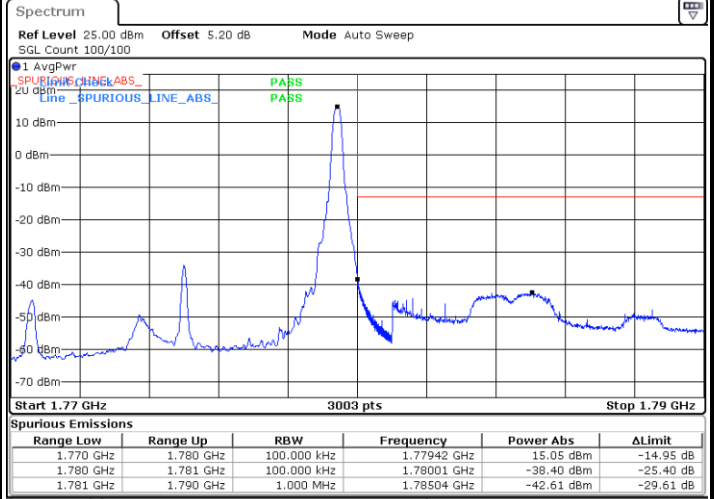
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



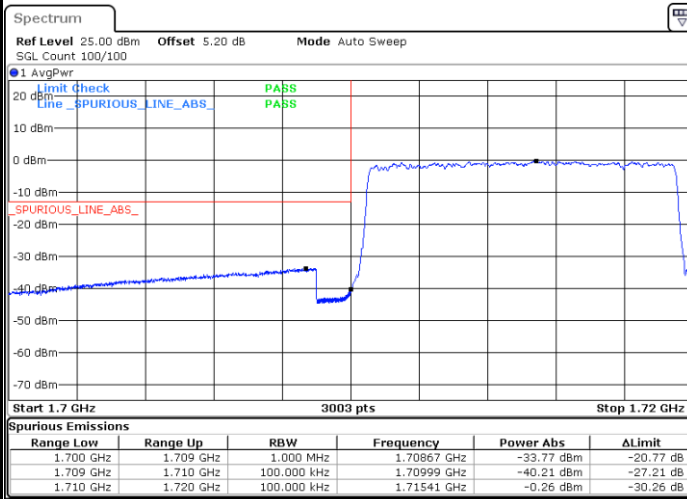
Date: 9.APR.2024 23:22:16

Highest Band Edge / 1 RB



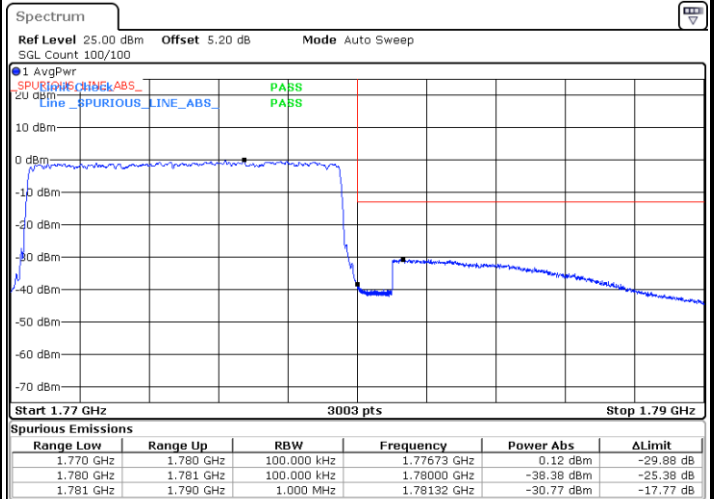
Date: 9.APR.2024 23:27:47

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:19:01

Highest Band Edge / Full RB

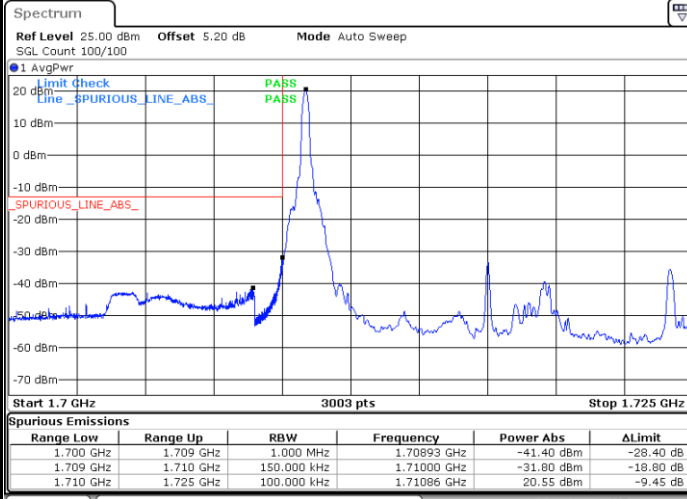


Date: 9.APR.2024 23:29:39



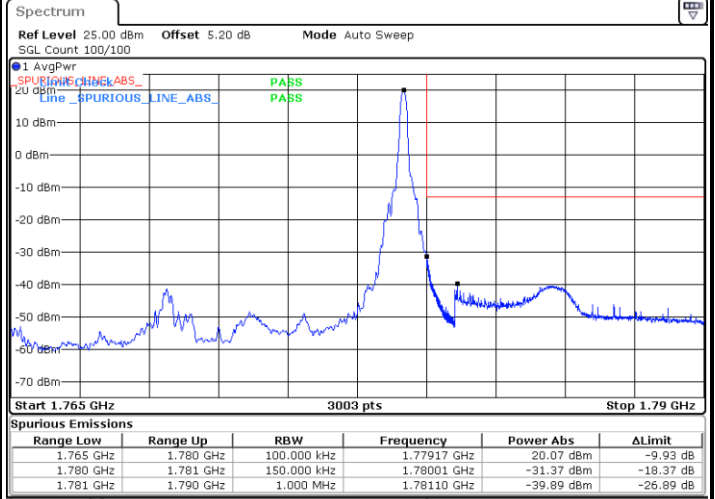
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



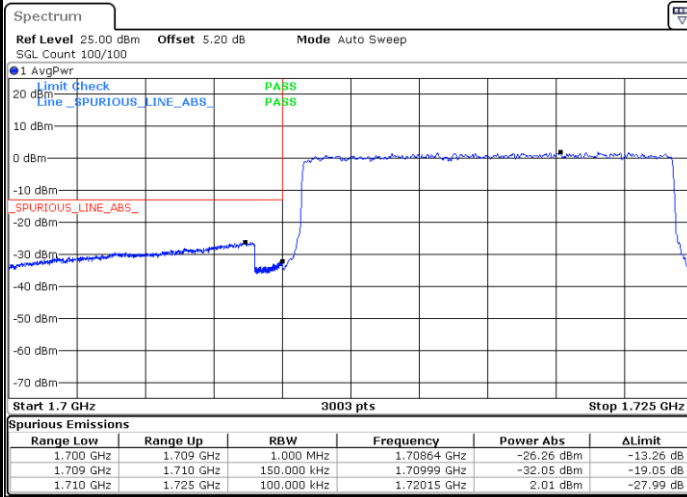
Date: 9.APR.2024 23:39:51

Highest Band Edge / 1 RB



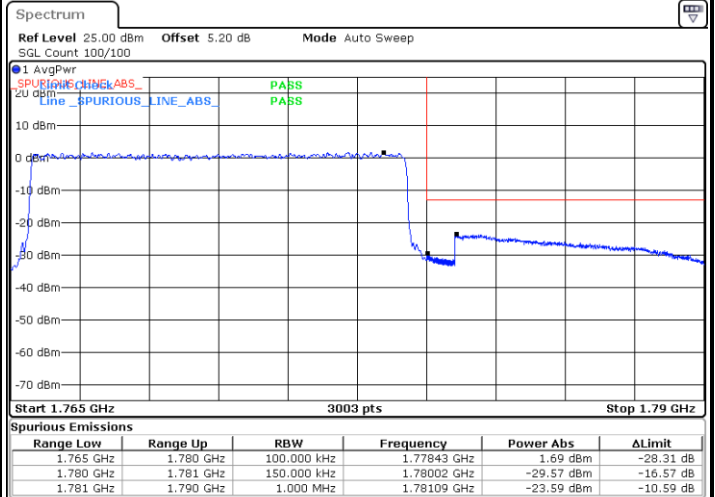
Date: 9.APR.2024 23:45:45

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:41:51

Highest Band Edge / Full RB

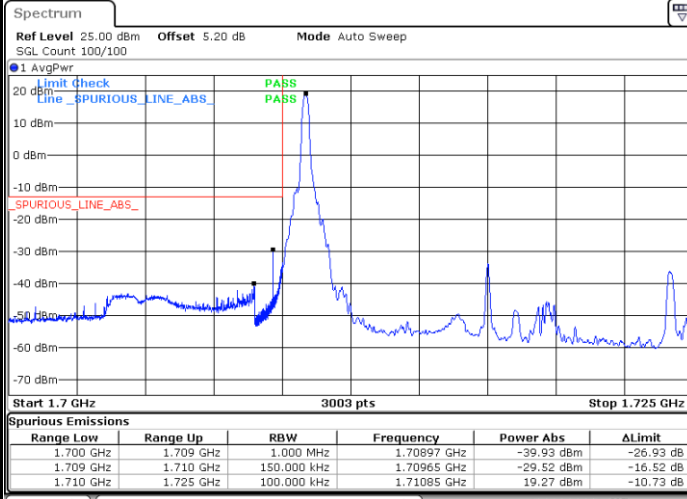


Date: 9.APR.2024 23:47:54



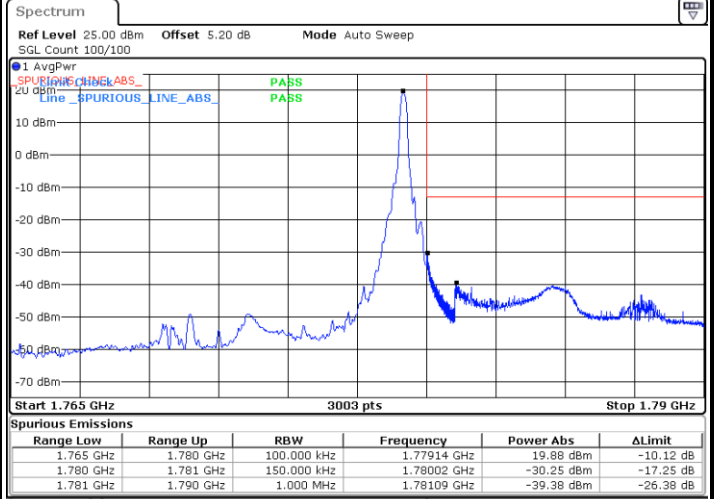
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



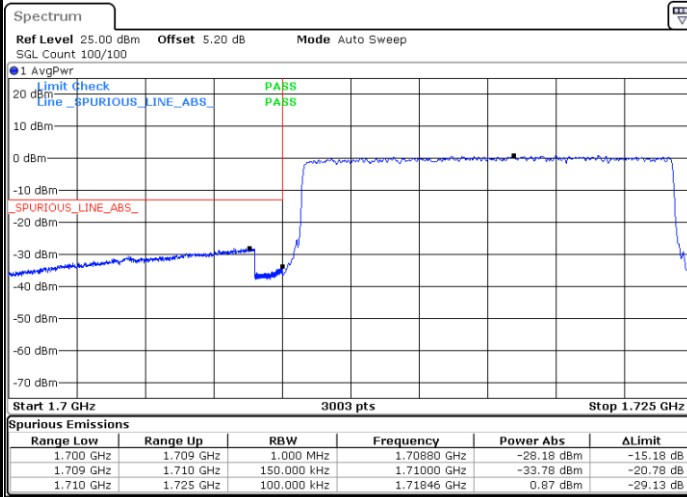
Date: 9.APR.2024 23:40:15

Highest Band Edge / 1 RB



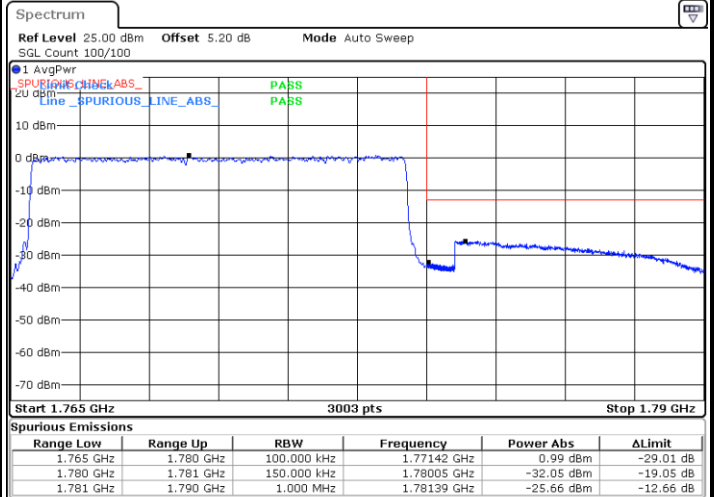
Date: 9.APR.2024 23:46:13

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:42:23

Highest Band Edge / Full RB

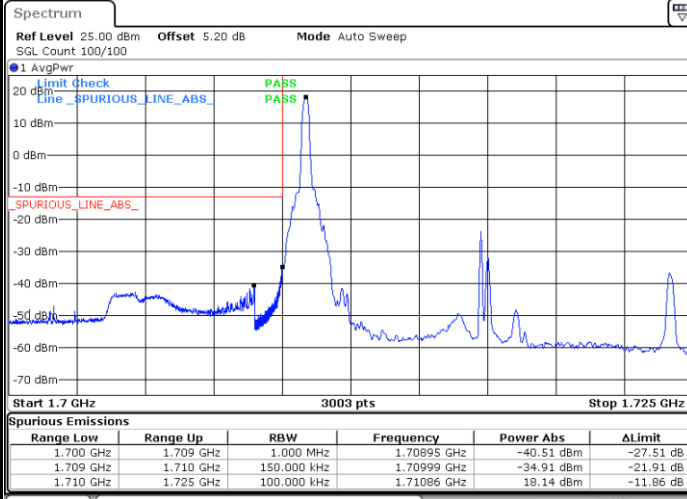


Date: 9.APR.2024 23:48:18



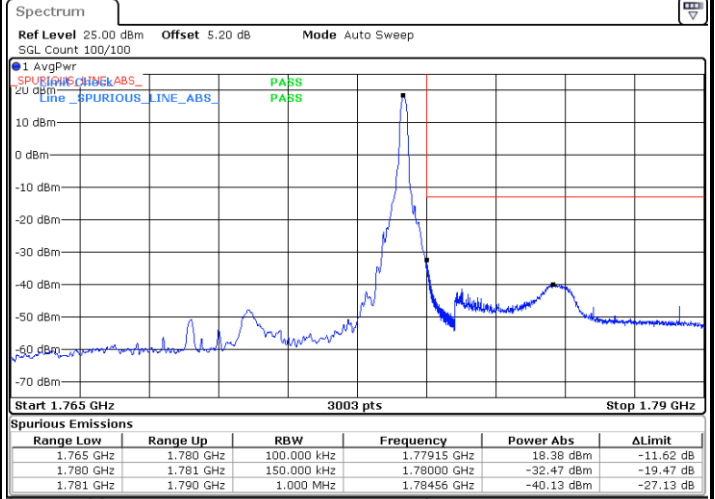
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



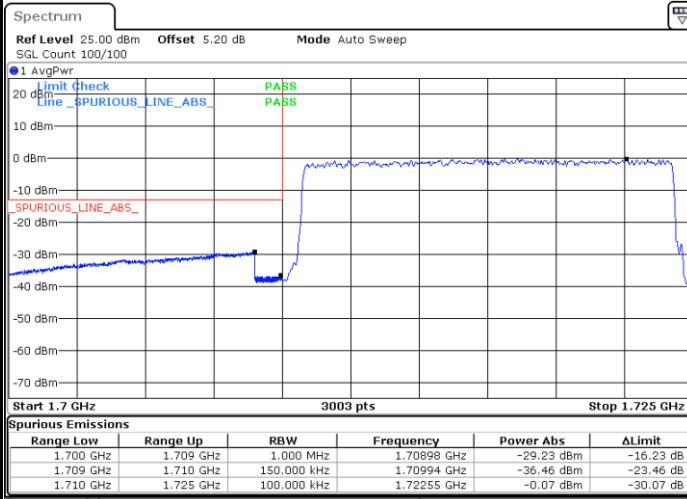
Date: 9.APR.2024 23:40:41

Highest Band Edge / 1 RB



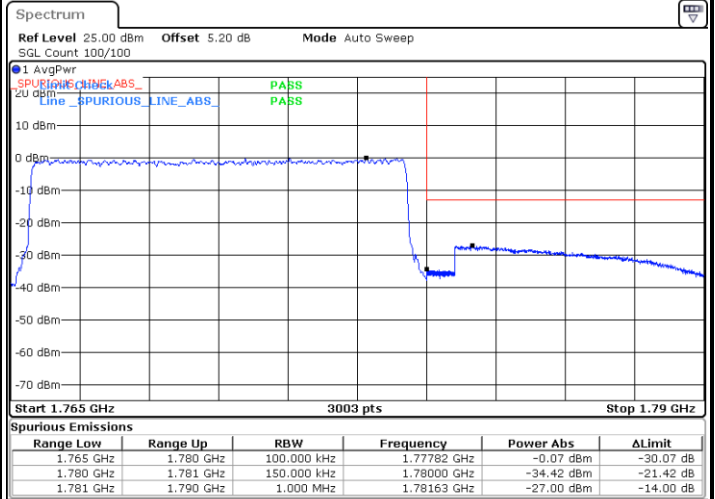
Date: 9.APR.2024 23:46:43

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:42:47

Highest Band Edge / Full RB

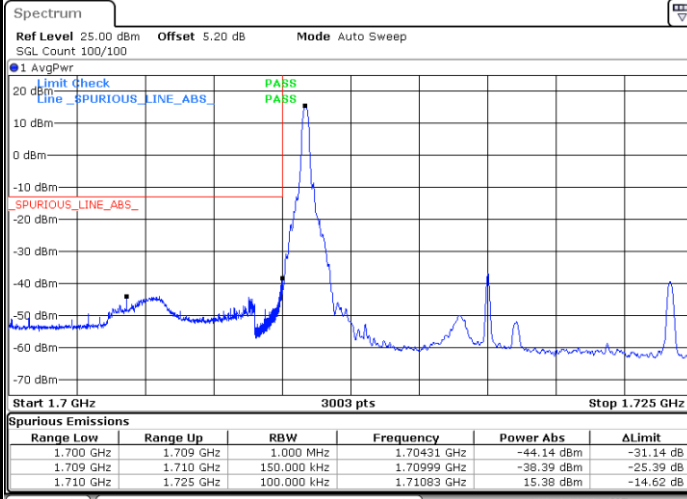


Date: 9.APR.2024 23:48:43



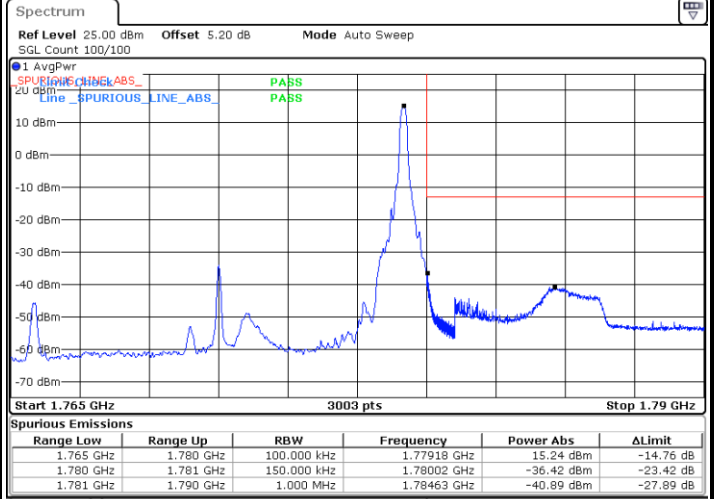
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



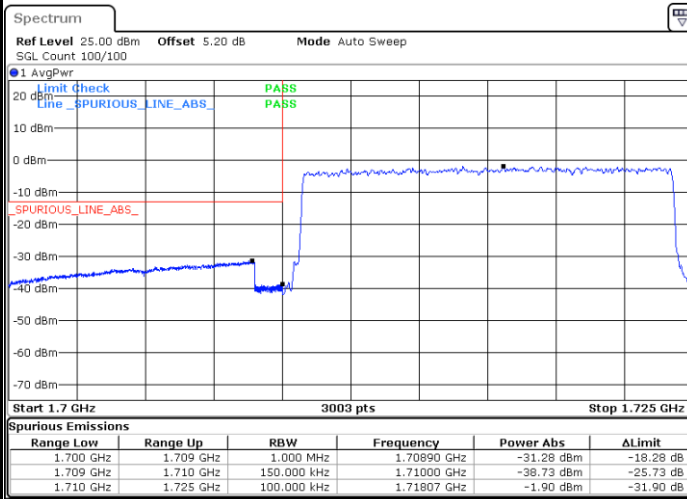
Date: 9.APR.2024 23:41:07

Highest Band Edge / 1 RB



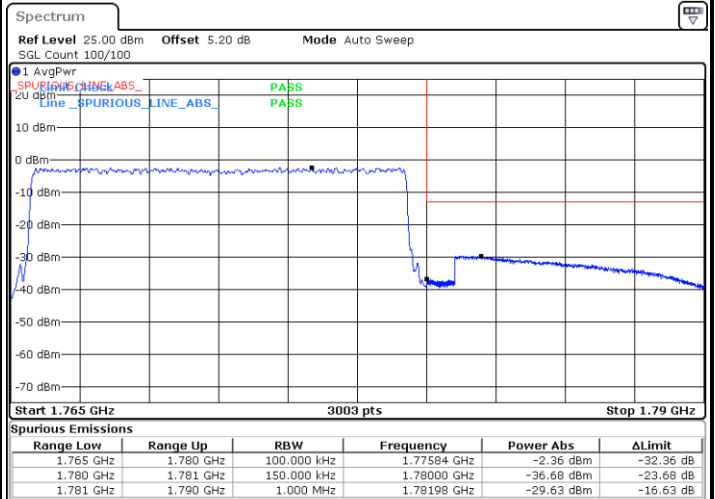
Date: 9.APR.2024 23:47:17

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:43:17

Highest Band Edge / Full RB

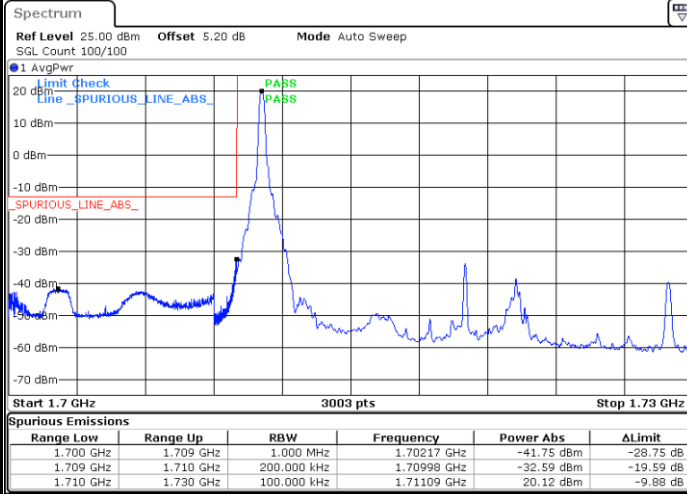


Date: 9.APR.2024 23:49:13



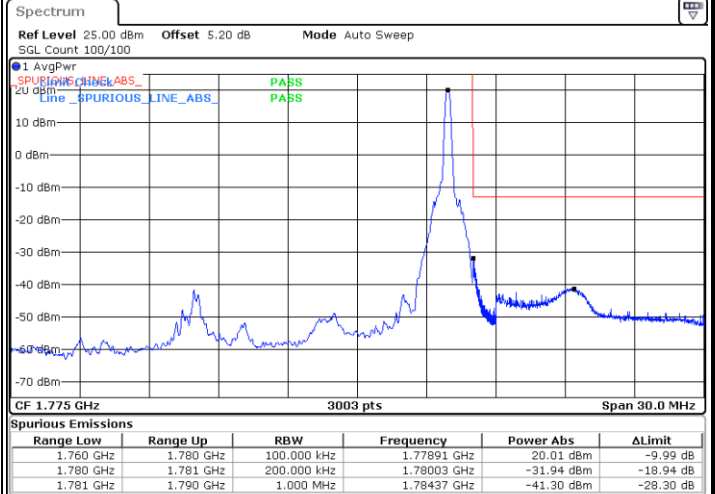
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



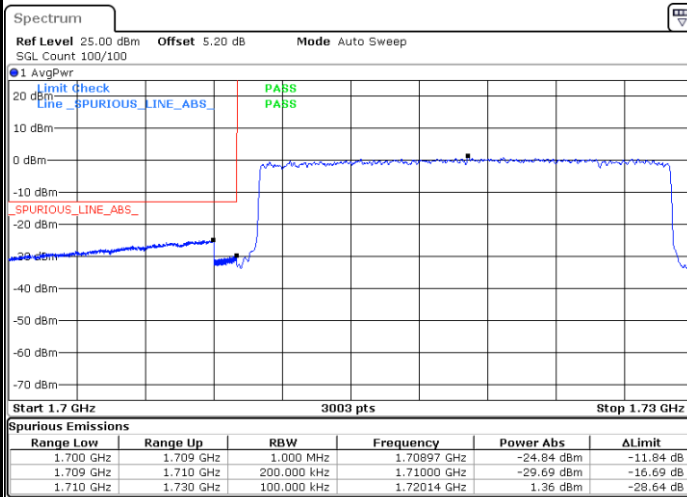
Date: 9.APR.2024 23:54:41

Highest Band Edge / 1 RB



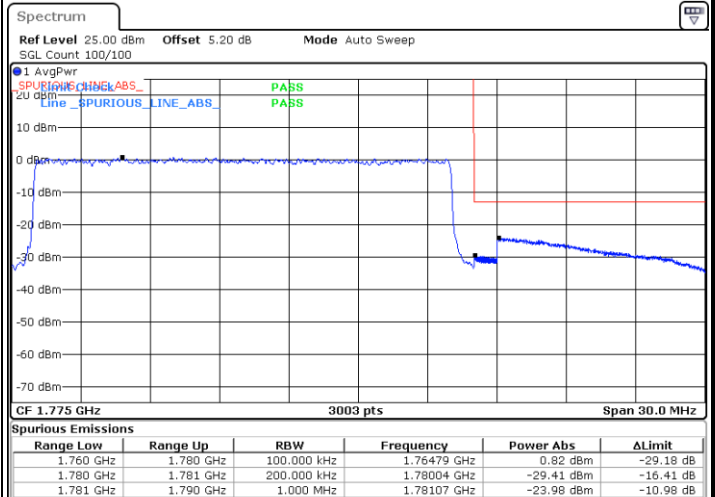
Date: 9.APR.2024 23:59:34

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:56:05

Highest Band Edge / Full RB



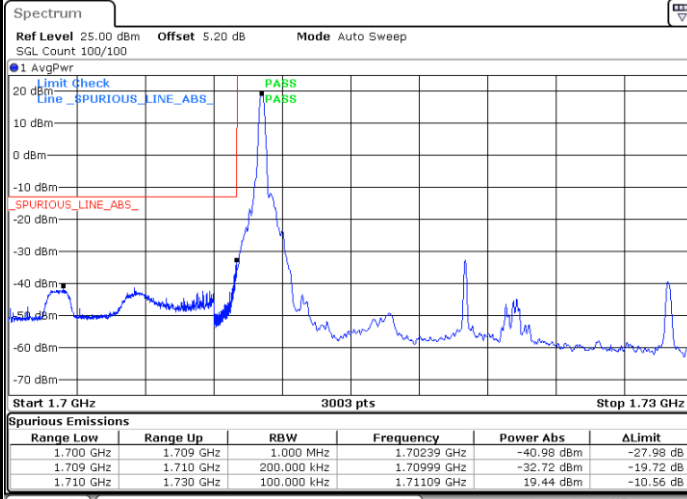
Date: 10.APR.2024 00:01:21





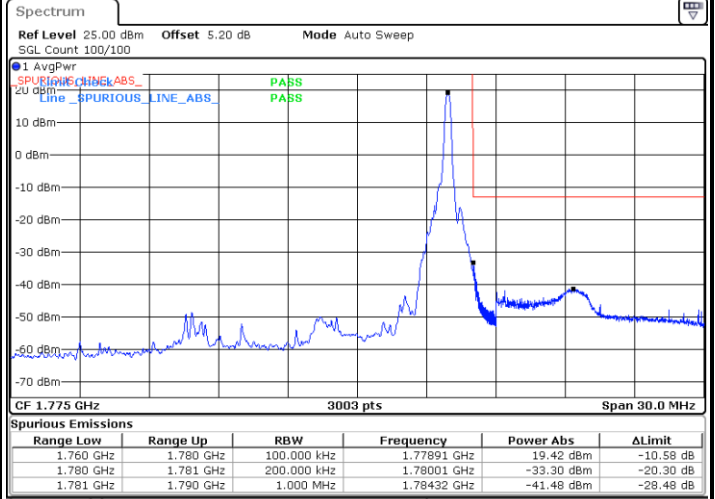
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



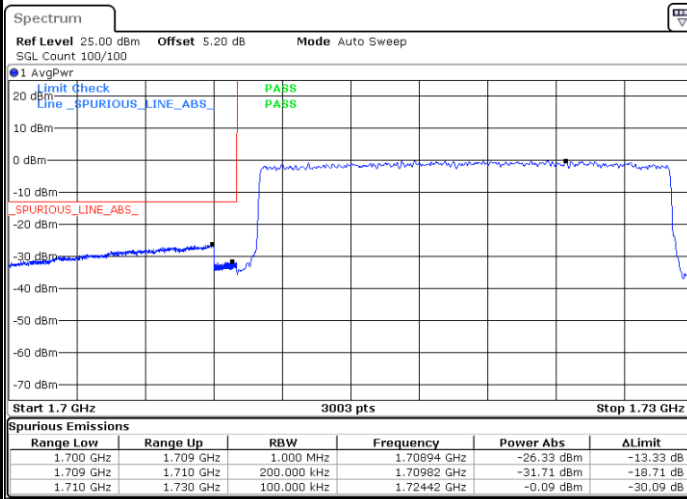
Date: 9.APR.2024 23:55:01

Highest Band Edge / 1 RB



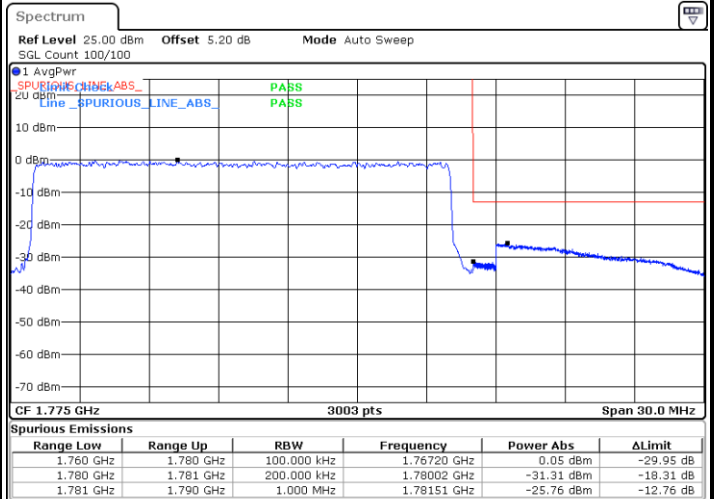
Date: 10.APR.2024 00:00:00

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:56:27

Highest Band Edge / Full RB

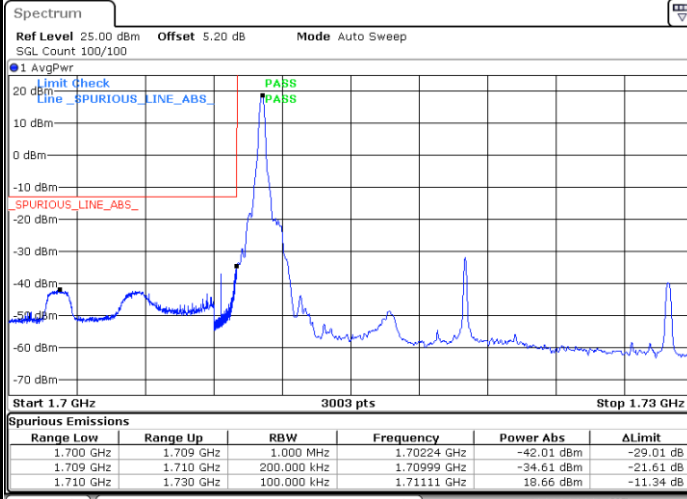


Date: 10.APR.2024 00:01:44



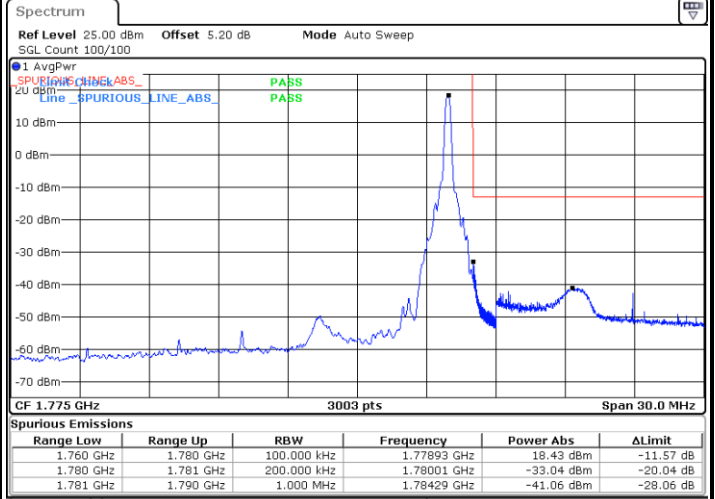
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



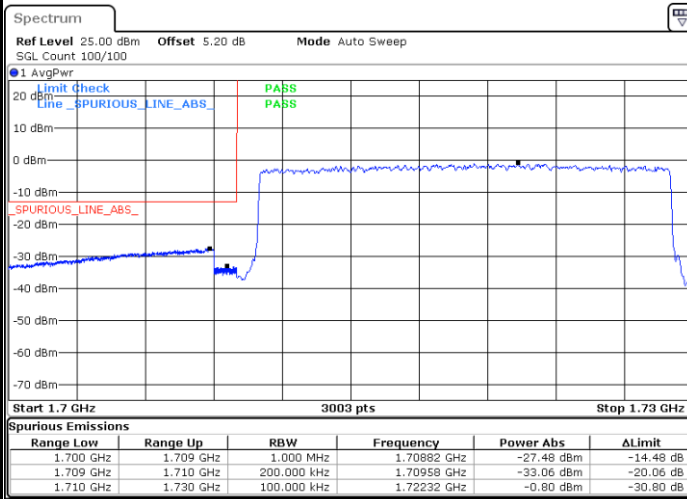
Date: 9.APR.2024 23:55:20

Highest Band Edge / 1 RB



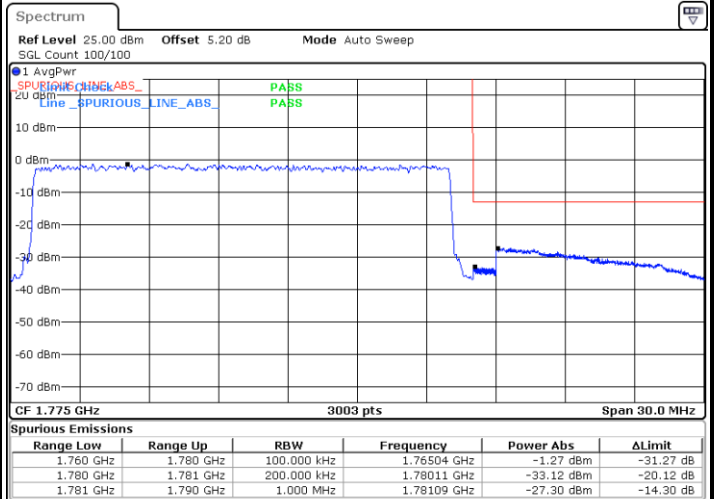
Date: 10.APR.2024 00:00:22

Lowest Band Edge / Full RB



Date: 9.APR.2024 23:56:49

Highest Band Edge / Full RB



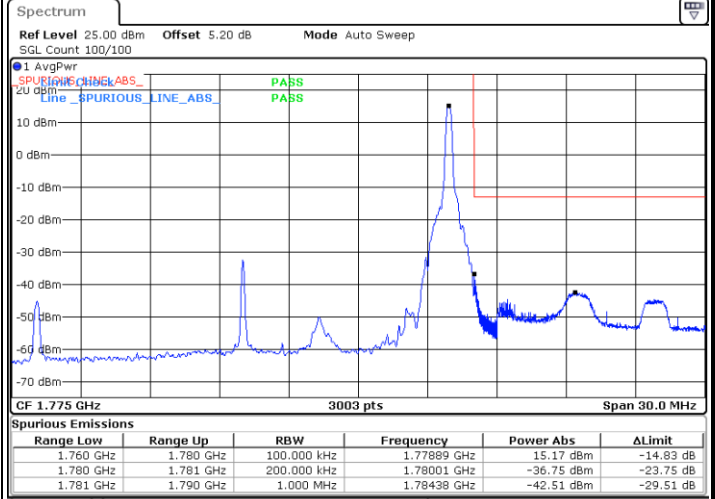
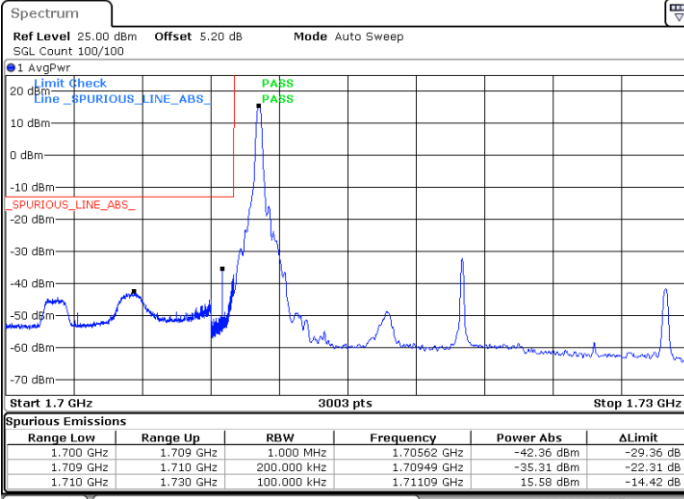
Date: 10.APR.2024 00:02:18



LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

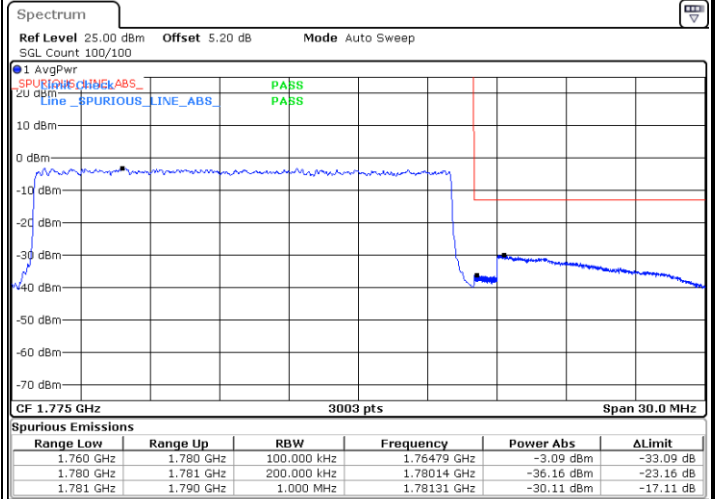
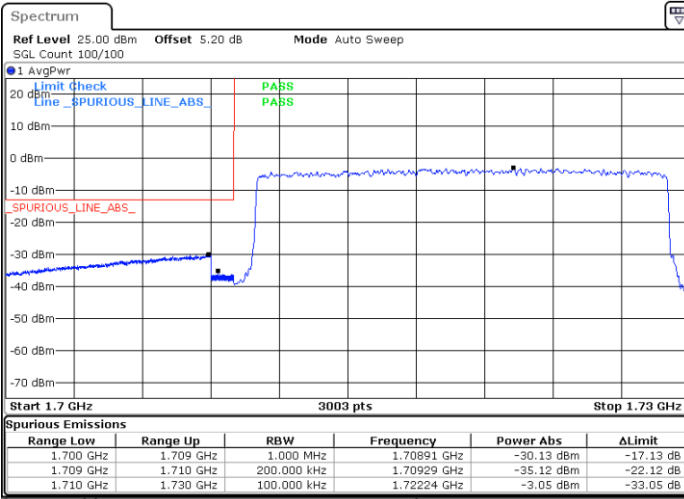


Date: 9.APR.2024 23:55:38

Date: 10.APR.2024 00:00:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

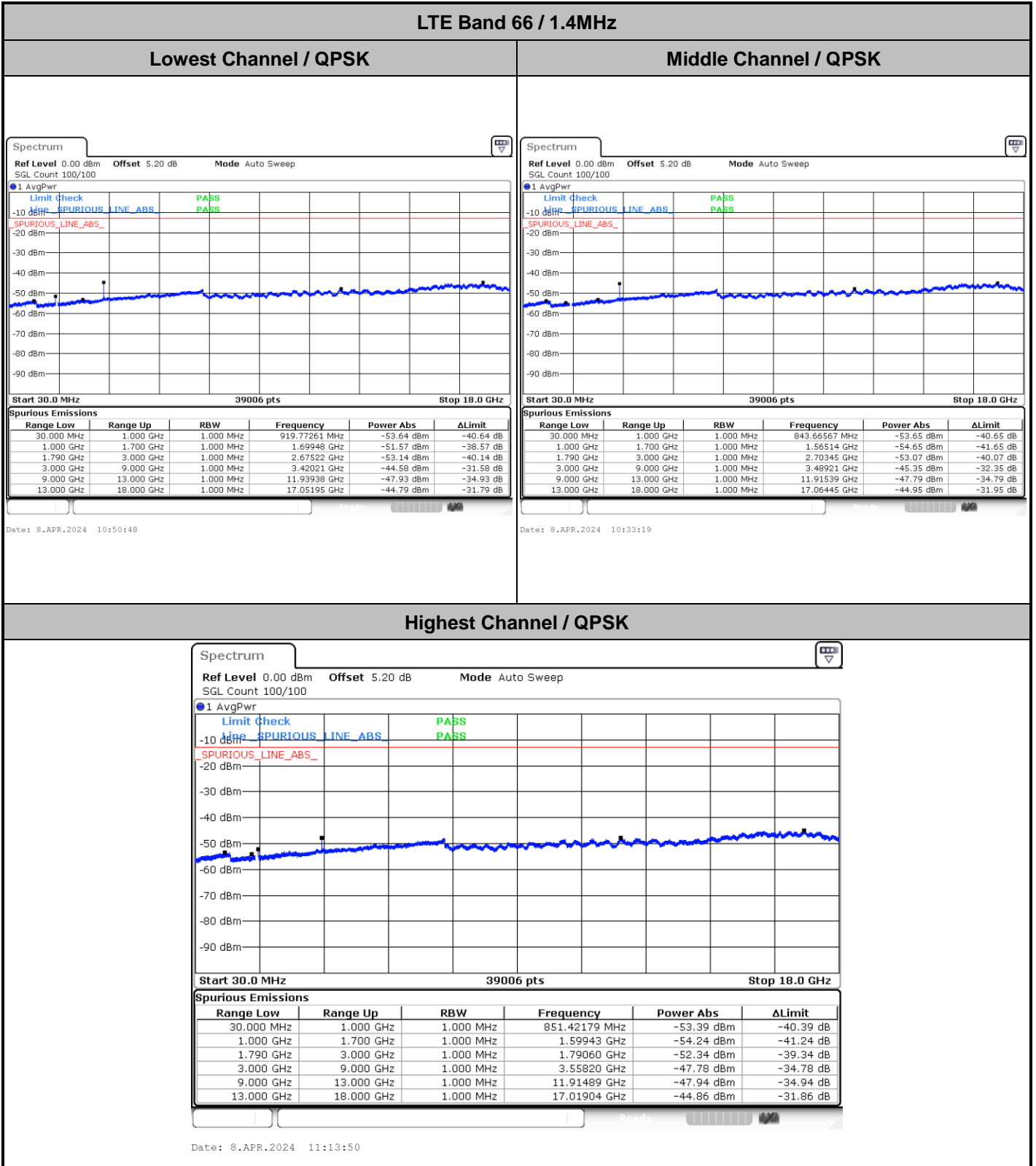


Date: 9.APR.2024 23:57:10

Date: 10.APR.2024 00:02:40



# Conducted Spurious Emission

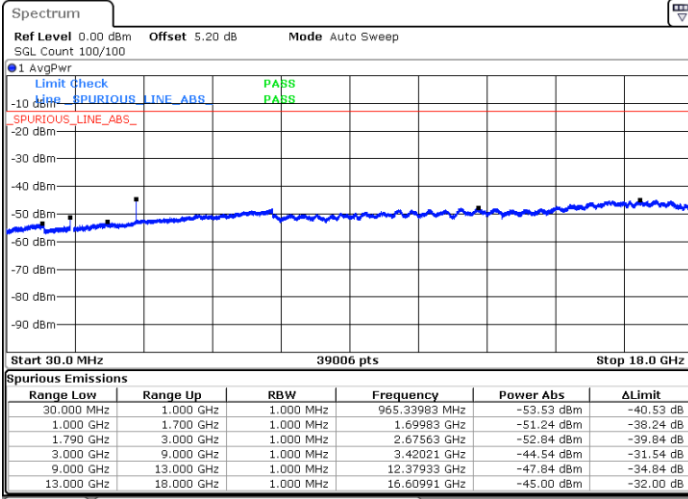




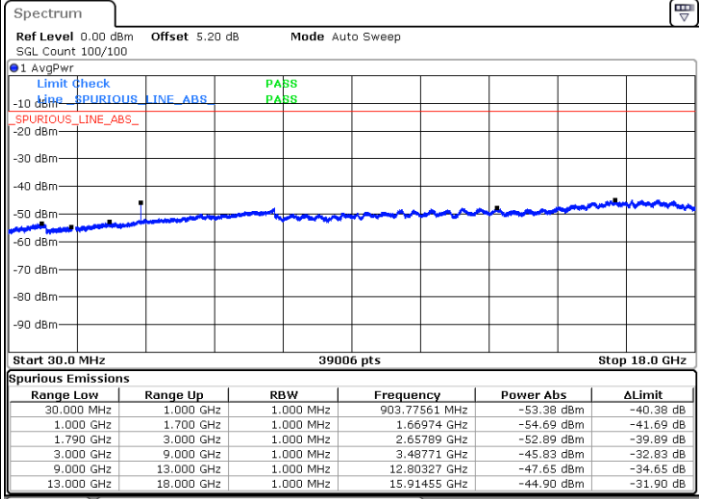
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

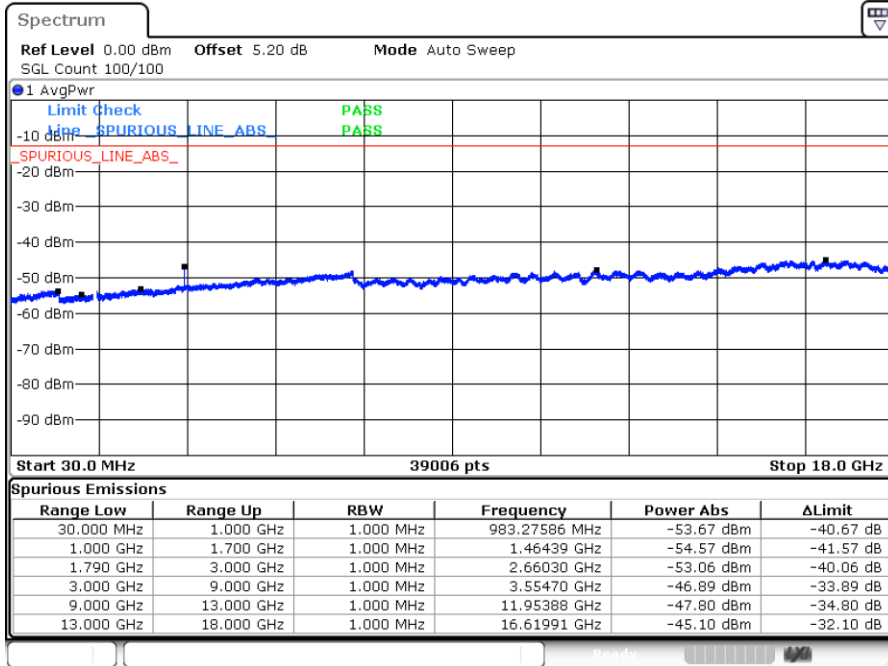


Date: 9.APR.2024 22:18:24



Date: 9.APR.2024 22:17:13

Highest Channel / QPSK



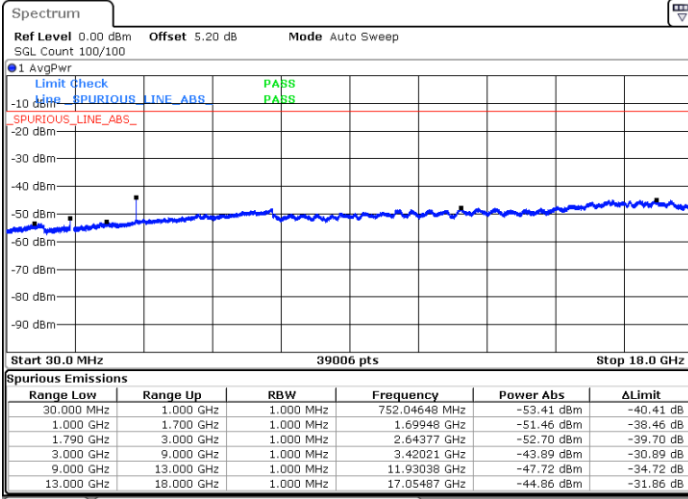
Date: 9.APR.2024 22:44:07



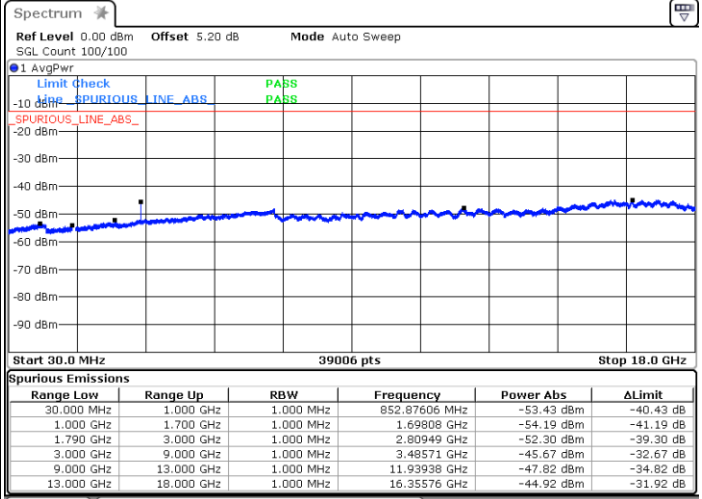
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

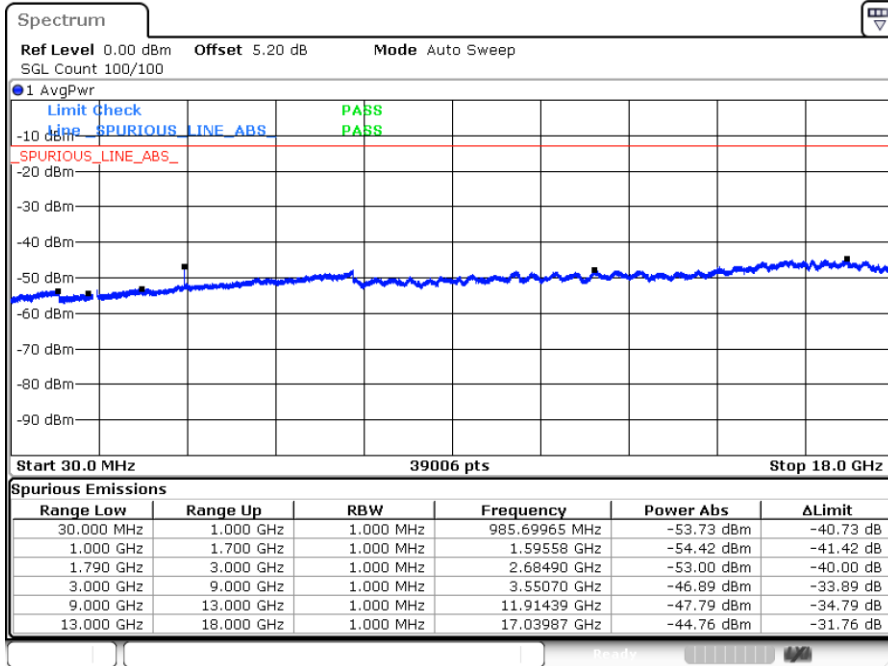


Date: 9.APR.2024 23:10:17



Date: 9.APR.2024 22:50:17

Highest Channel / QPSK



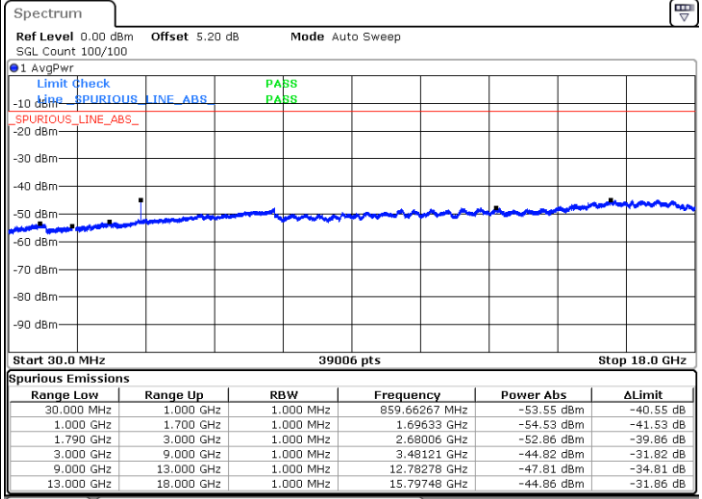
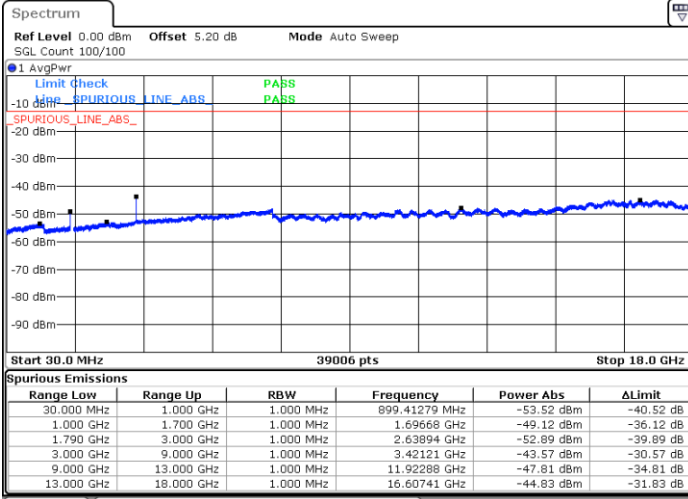
Date: 9.APR.2024 23:09:20



LTE Band 66 / 10MHz

Lowest Channel / QPSK

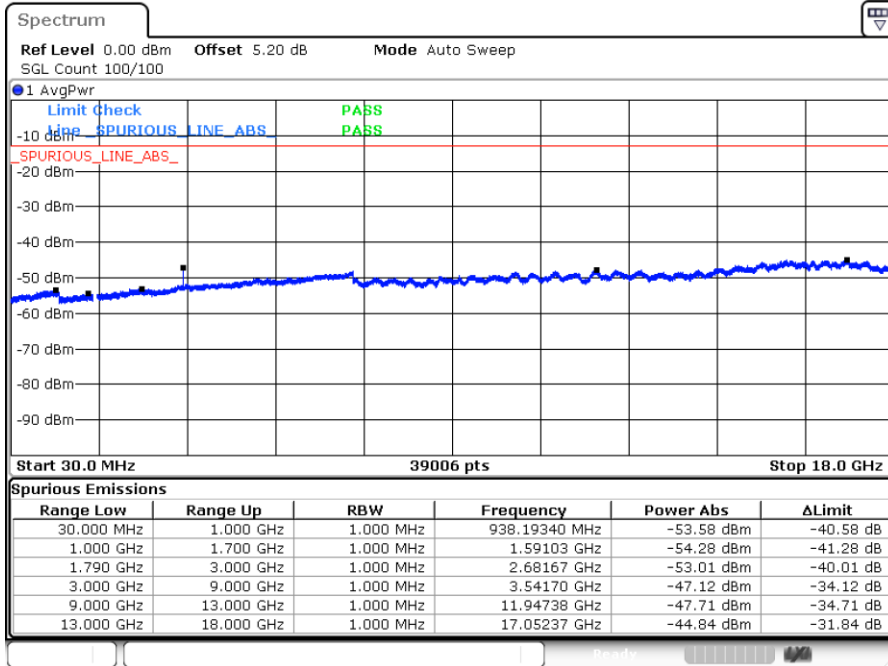
Middle Channel / QPSK



Date: 9.APR.2024 23:20:05

Date: 9.APR.2024 23:15:47

Highest Channel / QPSK



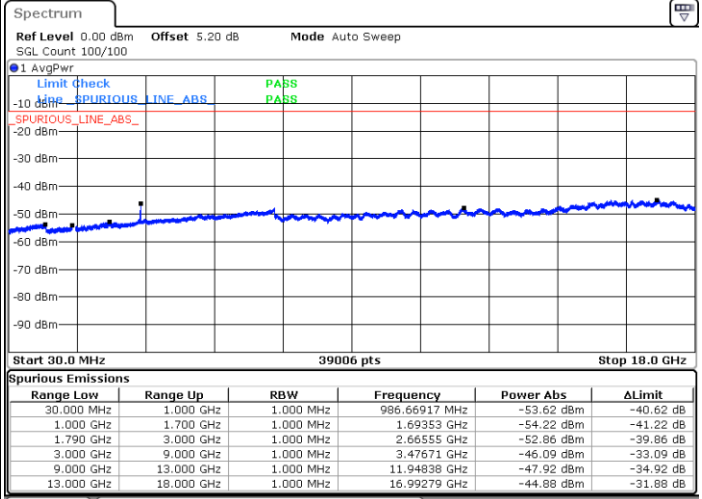
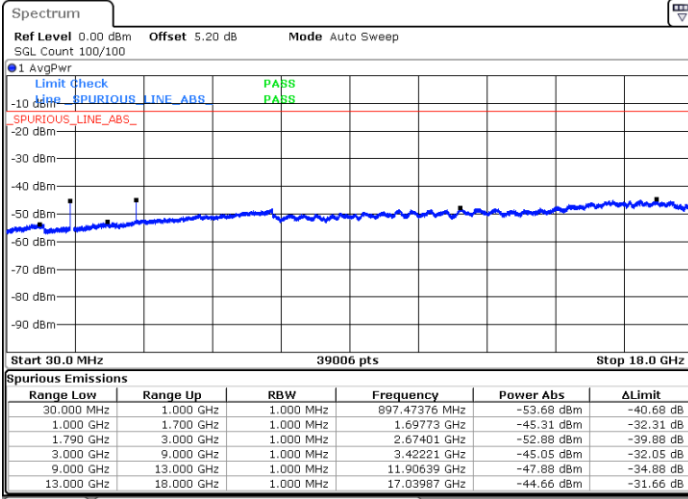
Date: 9.APR.2024 23:25:45



LTE Band 66 / 15MHz

Lowest Channel / QPSK

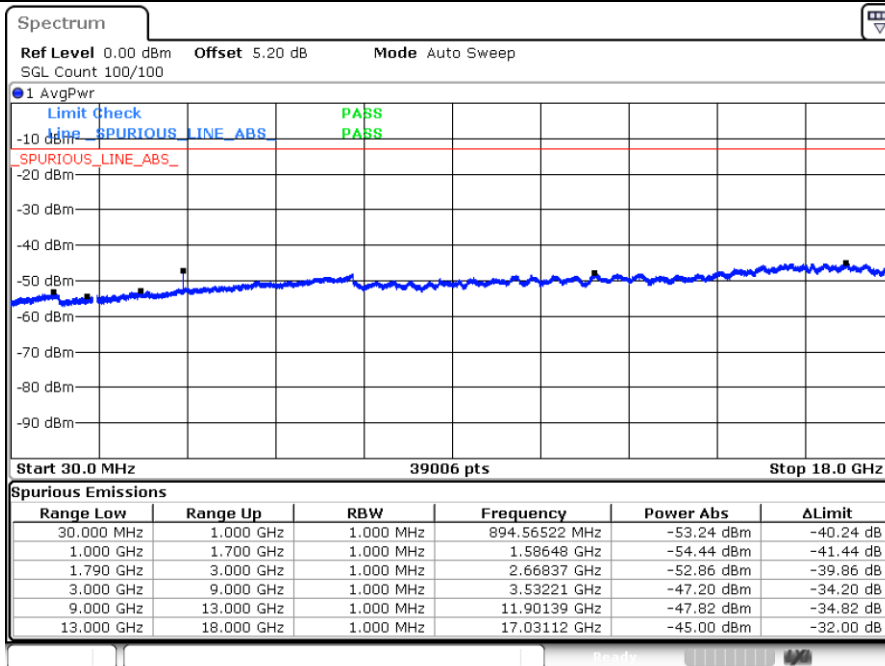
Middle Channel / QPSK



Date: 9.APR.2024 23:39:21

Date: 9.APR.2024 23:37:11

Highest Channel / QPSK



Date: 9.APR.2024 23:44:32

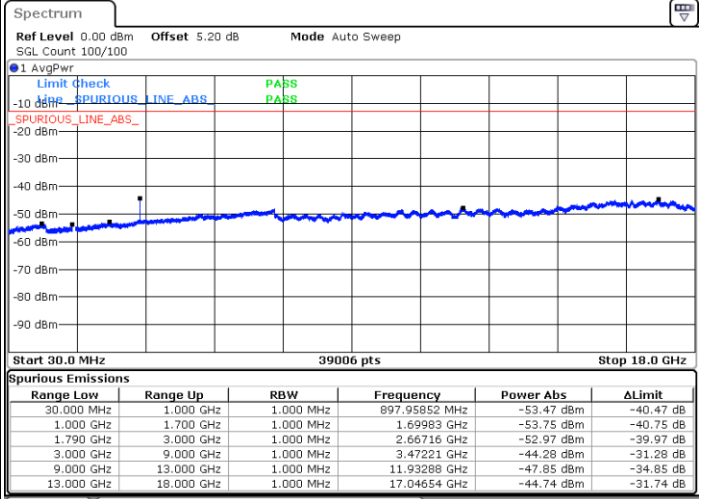
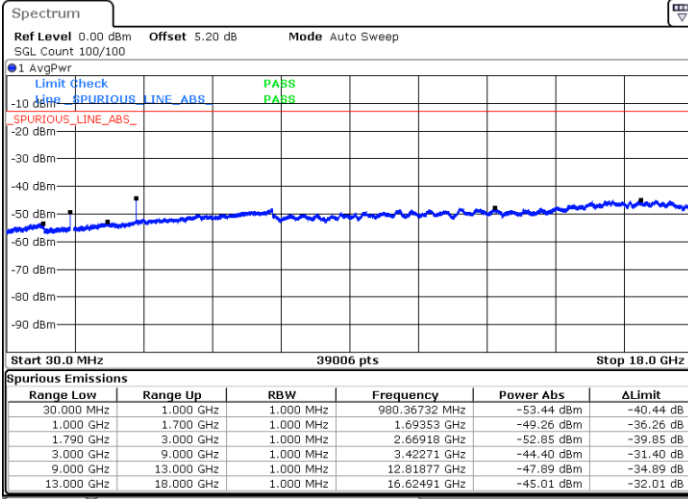




LTE Band 66 / 20MHz

Lowest Channel / QPSK

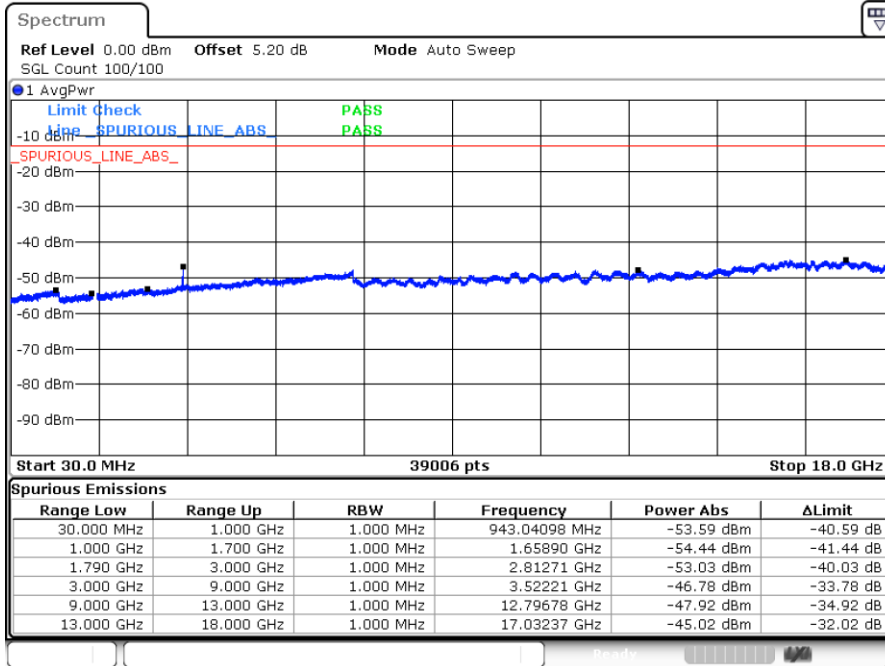
Middle Channel / QPSK



Date: 9.APR.2024 23:54:23

Date: 9.APR.2024 23:51:11

Highest Channel / QPSK



Date: 9.APR.2024 23:58:55



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    | 0.0021                              | PASS    |
| 40               | Normal Voltage    | 0.0033                              |         |
| 30               | Normal Voltage    | 0.0024                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0009                              |         |
| 0                | Normal Voltage    | 0.0026                              |         |
| -10              | Normal Voltage    | 0.0005                              |         |
| -20              | Normal Voltage    | 0.0017                              |         |
| -30              | Normal Voltage    | 0.0034                              |         |
| 20               | Maximum Voltage   | 0.0025                              |         |
| 20               | Normal Voltage    | 0.0048                              |         |
| 20               | Battery End Point | 0.0011                              |         |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 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                      | 19.58 |
| Mod.      | QPSK                       | 16QAM |
| BW        | 10MHz+5MHz                 |       |
| Middle CH | 14.66                      | 14.63 |
| Mod.      | QPSK                       | 16QAM |
| BW        | 5MHz+10MHz                 |       |
| Middle CH | 14.66                      | 14.60 |
| Mod.      | QPSK                       | 16QAM |
| BW        | 5MHz+3MHz                  |       |
| Middle CH | 8.17                       | 8.12  |
| Mod.      | QPSK                       | 16QAM |
| BW        | 3MHz+5MHz                  |       |
| Middle CH | 8.20                       | 8.10  |



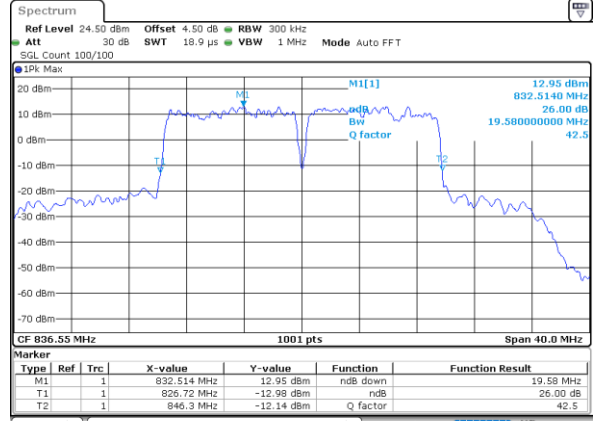
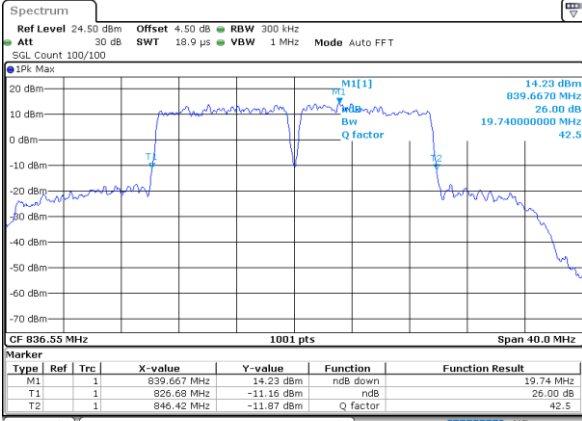
LTE Band 5B

QPSK

16QAM

Middle Channel / 10MHz+10MHz / QPSK

Middle Channel / 10MHz+10MHz /16QAM

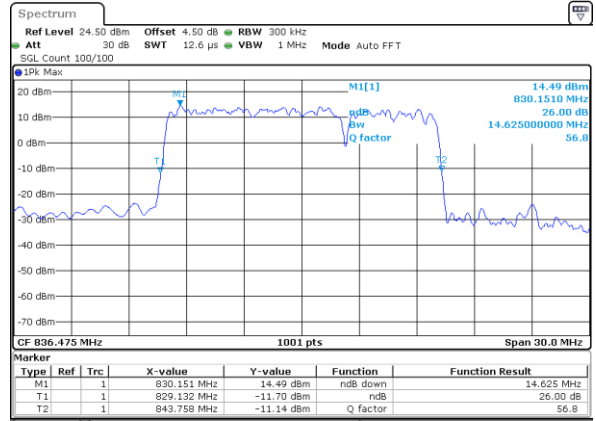
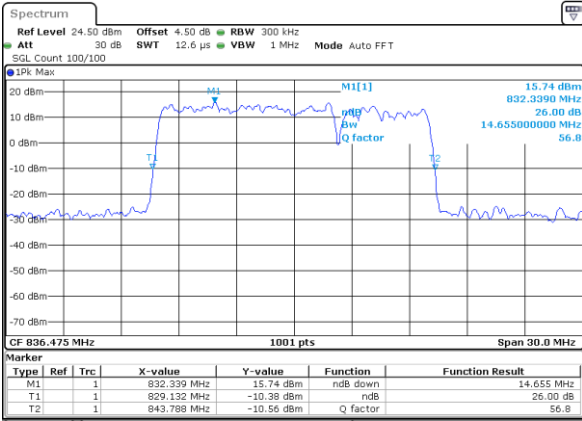


Date: 6.FEB.2024 08:29:33

Date: 6.FEB.2024 08:29:05

Middle Channel / 10MHz+5MHz / QPSK

Middle Channel / 10MHz+5MHz /16QAM

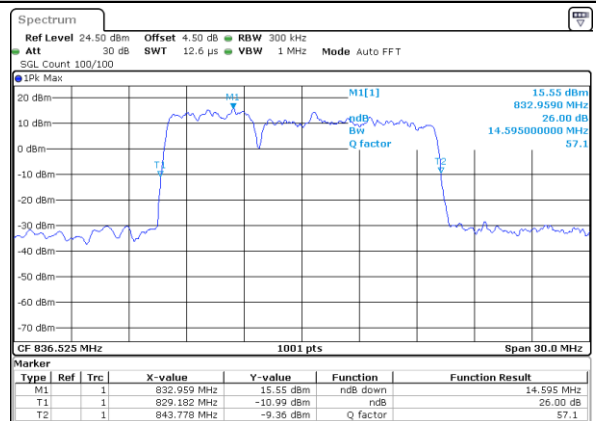
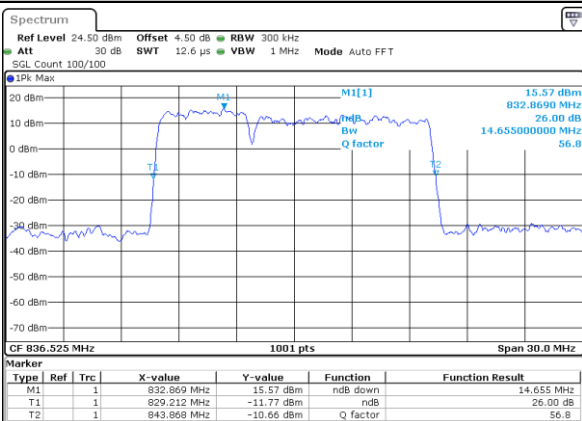


Date: 6.FEB.2024 08:35:02

Date: 6.FEB.2024 08:34:34

Middle Channel / 5MHz+10MHz / QPSK

Middle Channel / 5MHz+10MHz /16QAM

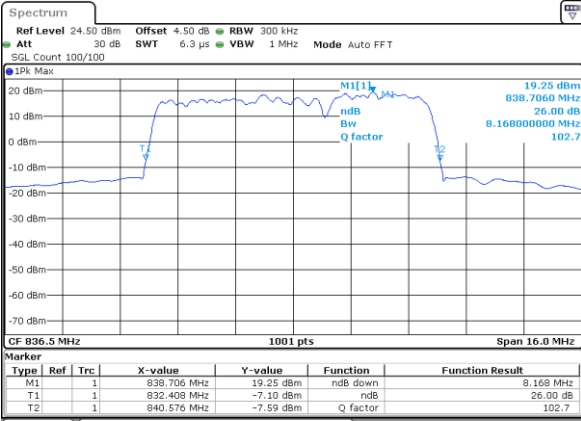


Date: 6.FEB.2024 17:23:22

Date: 6.FEB.2024 17:23:02

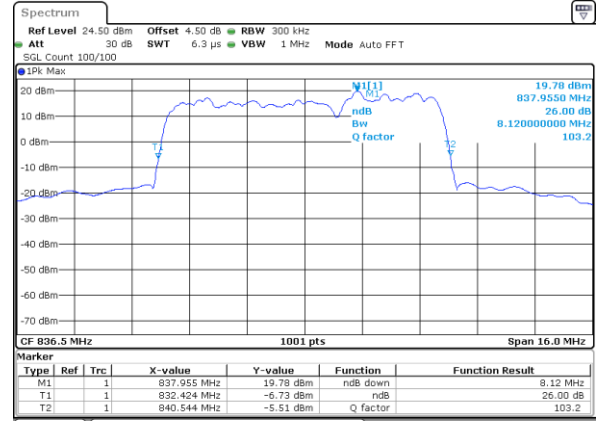


Middle Channel /5MHz+3MHz / QPSK



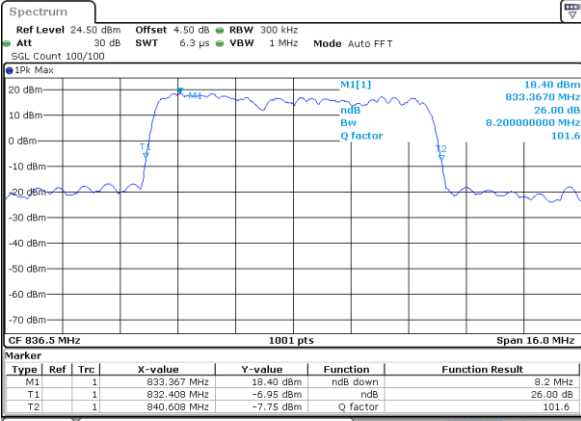
Date: 6.FEB.2024 17:12:59

Middle Channel / 5MHz+3MHz /16QAM



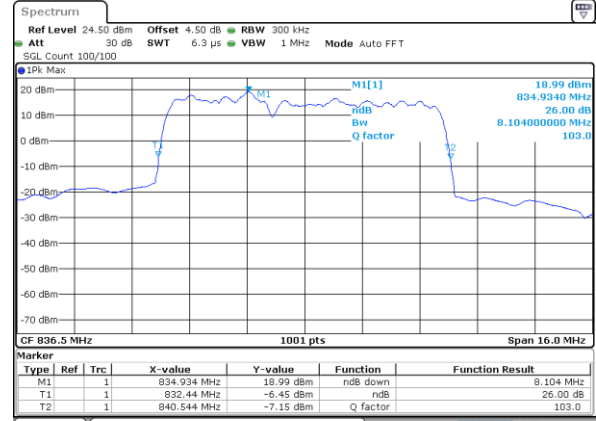
Date: 6.FEB.2024 17:14:01

Middle Channel / 3MHz+5MHz / QPSK



Date: 6.FEB.2024 17:10:20

Middle Channel / 3MHz+5MHz /16QAM



Date: 6.FEB.2024 17:07:20



**Occupied Bandwidth**

| Mode      | LTE Band 5B : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| Mod.      | QPSK                      | 16QAM |
| BW        | 10MHz+10MHz               |       |
| Middle CH | 18.78                     | 18.74 |
| Mod.      | QPSK                      | 16QAM |
| BW        | 10MHz+5MHz                |       |
| Middle CH | 13.85                     | 13.82 |
| Mod.      | QPSK                      | 16QAM |
| BW        | 5MHz+10MHz                |       |
| Middle CH | 13.88                     | 13.88 |
| Mod.      | QPSK                      | 16QAM |
| BW        | 5MHz+3MHz                 |       |
| Middle CH | 7.56                      | 7.58  |
| Mod.      | QPSK                      | 16QAM |
| BW        | 3MHz+5MHz                 |       |
| Middle CH | 7.58                      | 7.58  |