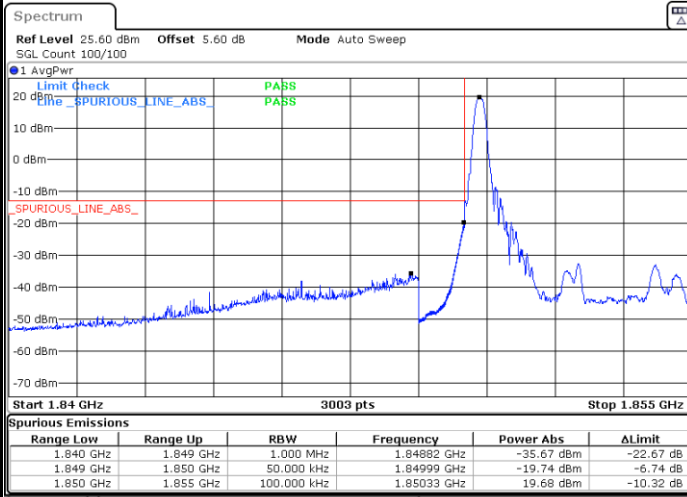




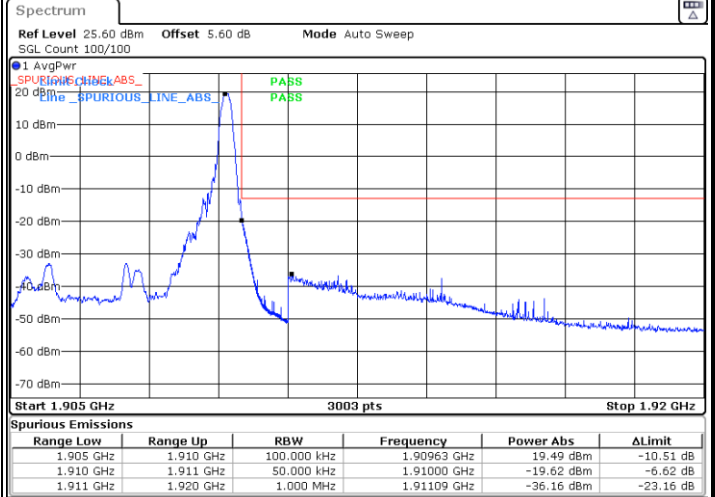
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



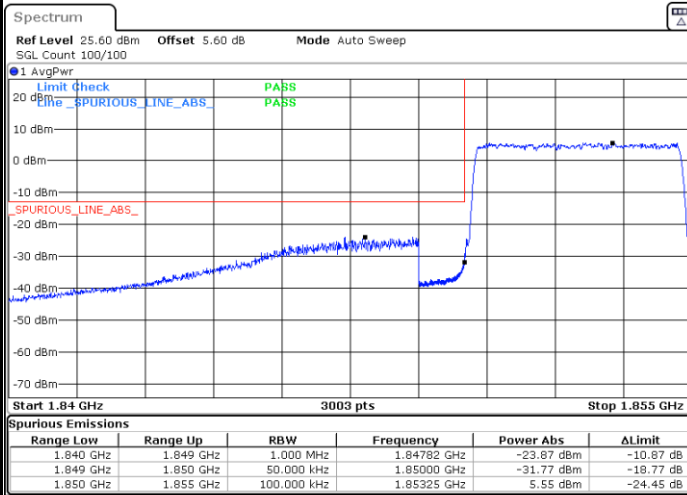
Date: 28.MAR.2025 12:47:58

Highest Band Edge / 1 RB



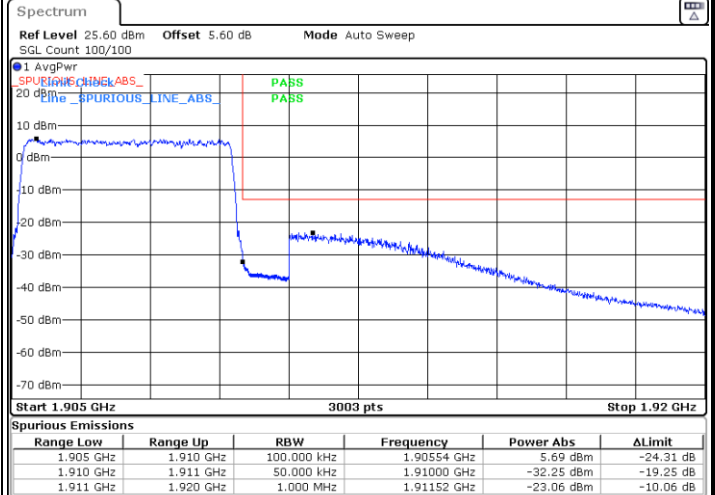
Date: 28.MAR.2025 13:05:05

Lowest Band Edge / Full RB



Date: 28.MAR.2025 12:51:39

Highest Band Edge / Full RB

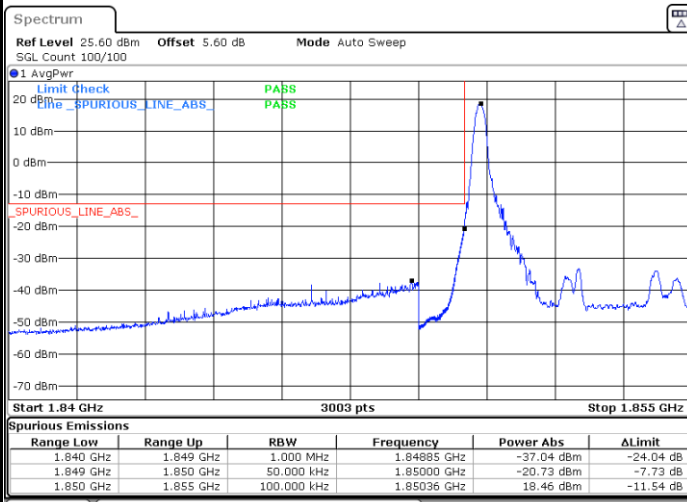


Date: 28.MAR.2025 13:12:29



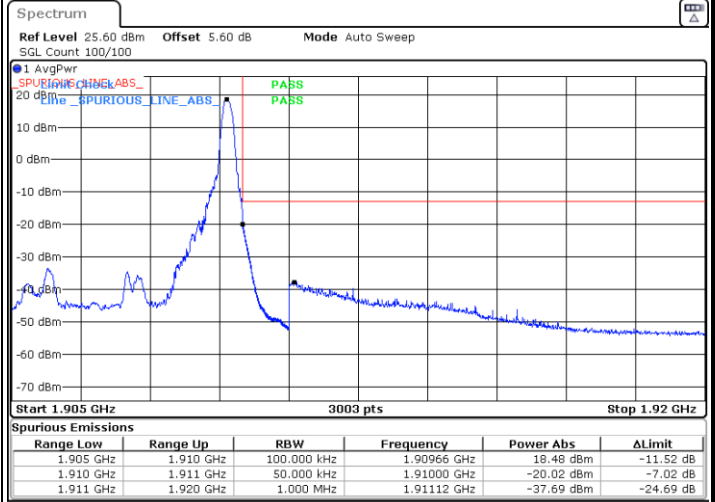
LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / 1RB



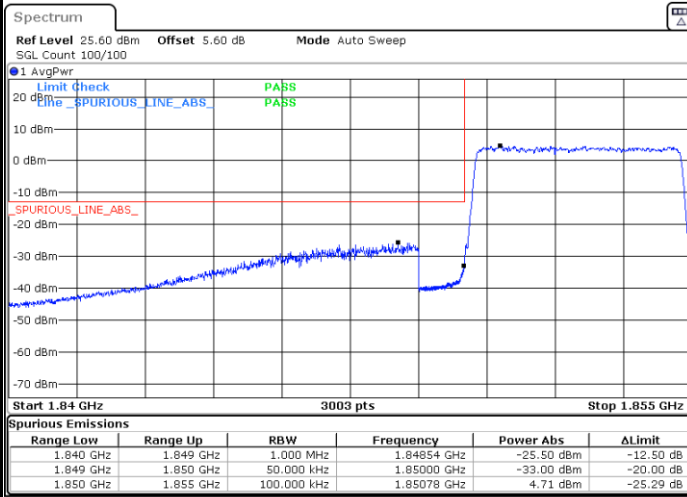
Date: 28.MAR.2025 12:48:53

Highest Band Edge / 1 RB



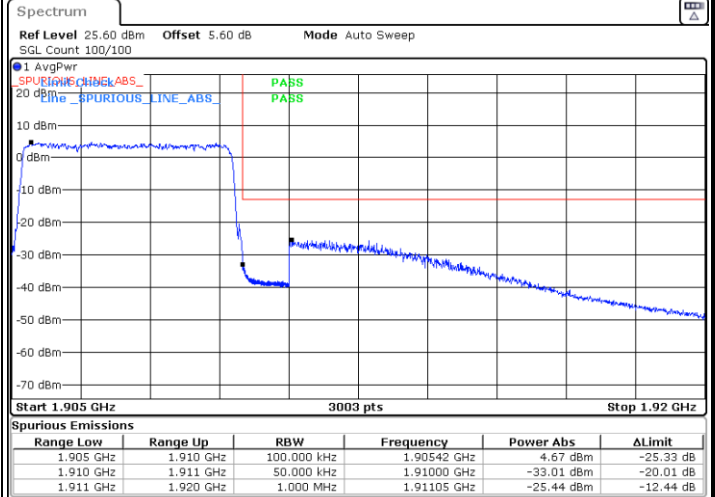
Date: 28.MAR.2025 13:06:00

Lowest Band Edge / Full RB



Date: 28.MAR.2025 12:52:34

Highest Band Edge / Full RB

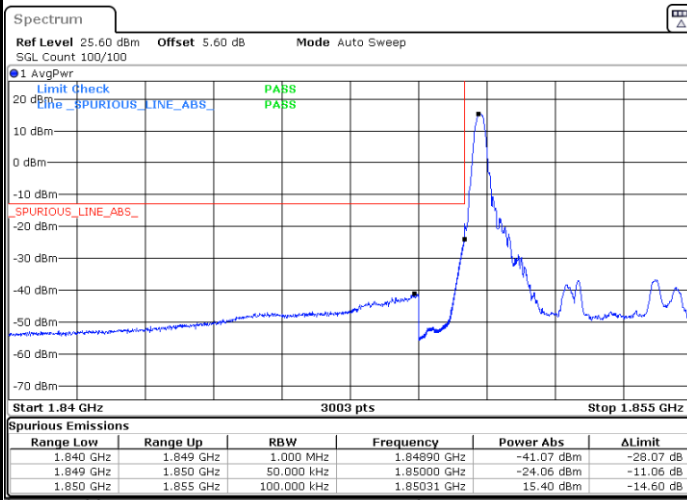


Date: 28.MAR.2025 13:13:24



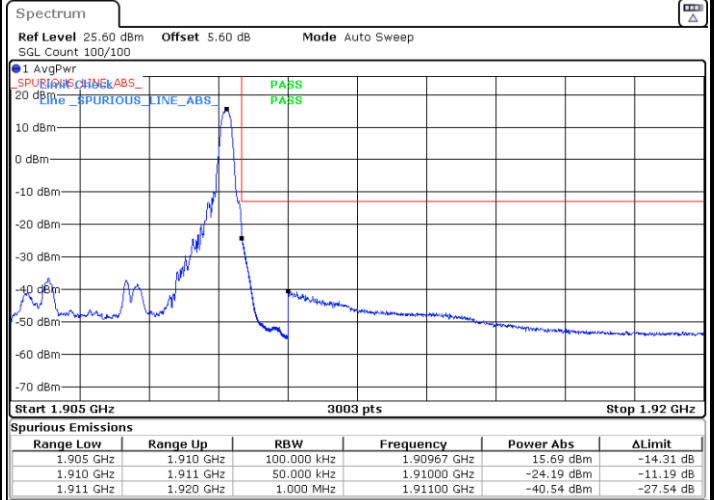
LTE Band 2 / 5MHz / 256QAM

Lowest Band Edge / 1RB



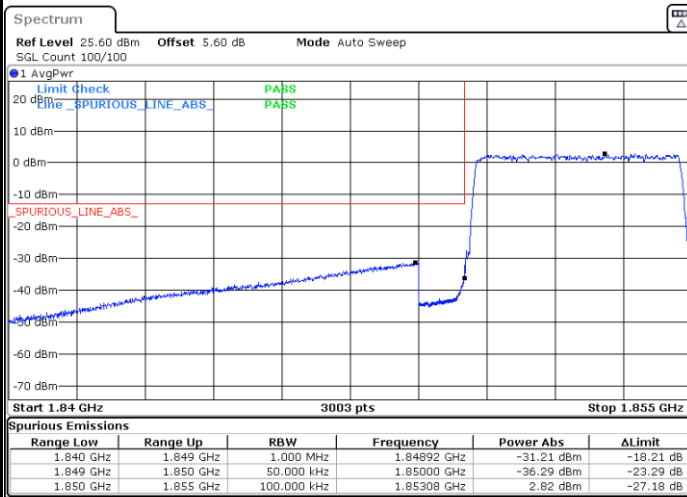
Date: 28.MAR.2025 12:49:48

Highest Band Edge / 1 RB



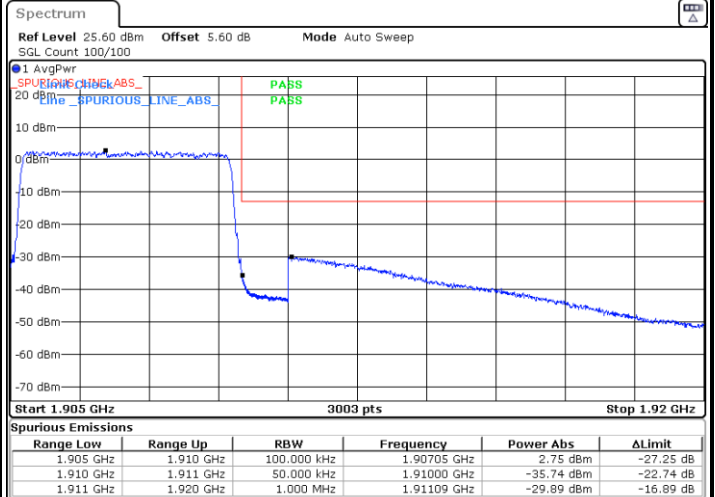
Date: 28.MAR.2025 13:06:55

Lowest Band Edge / Full RB



Date: 28.MAR.2025 12:53:29

Highest Band Edge / Full RB

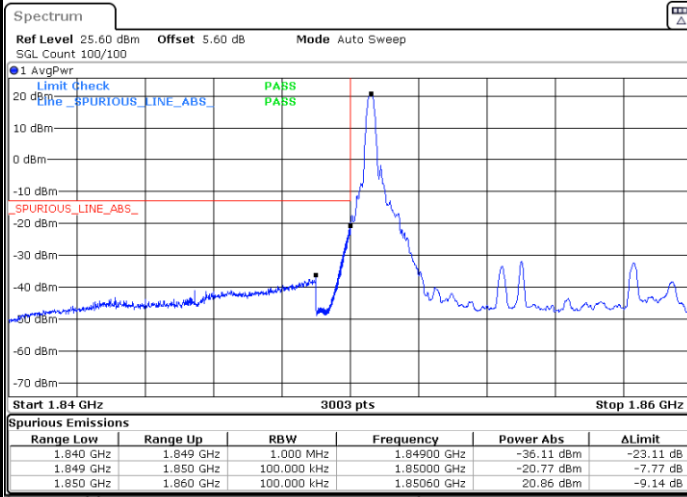


Date: 28.MAR.2025 13:14:19



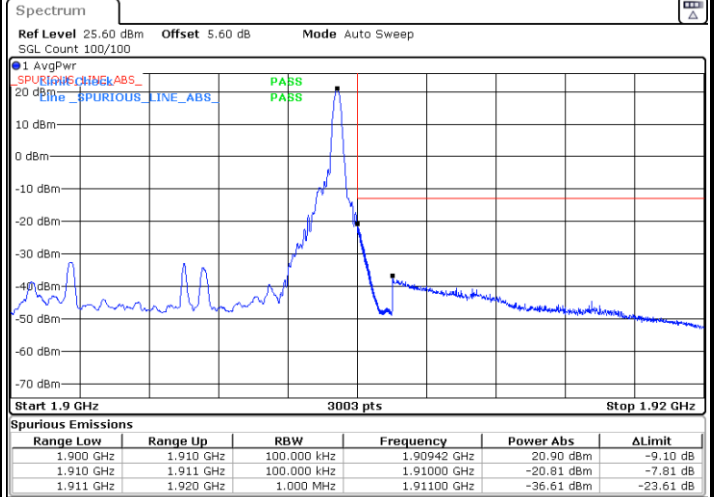
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



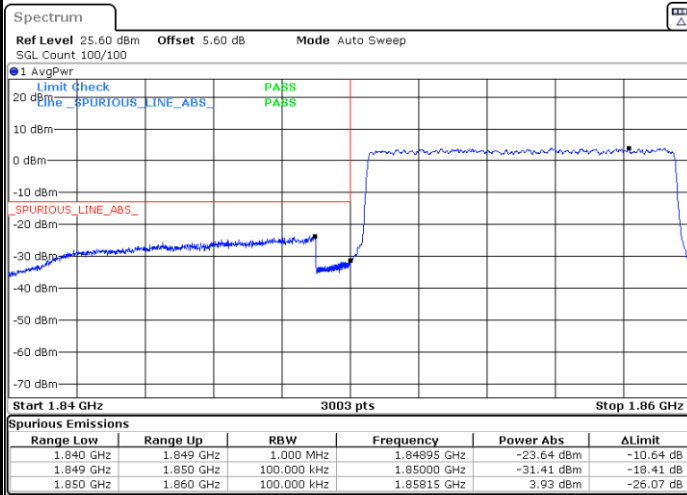
Date: 28.MAR.2025 13:18:53

Highest Band Edge / 1 RB



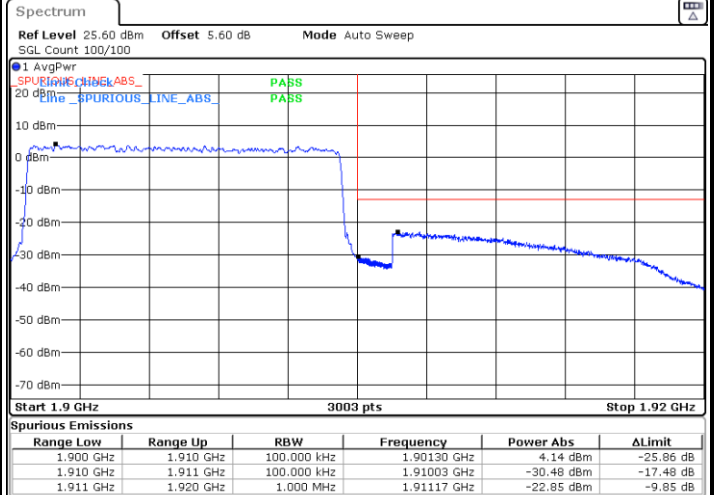
Date: 28.MAR.2025 13:44:03

Lowest Band Edge / Full RB



Date: 28.MAR.2025 13:26:06

Highest Band Edge / Full RB

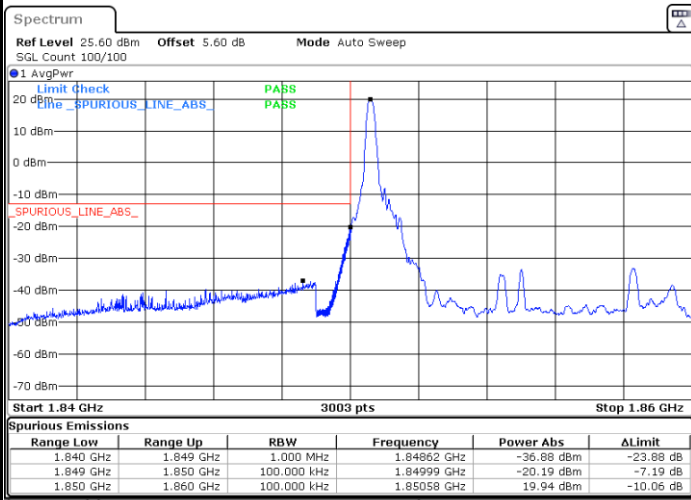


Date: 28.MAR.2025 13:49:45



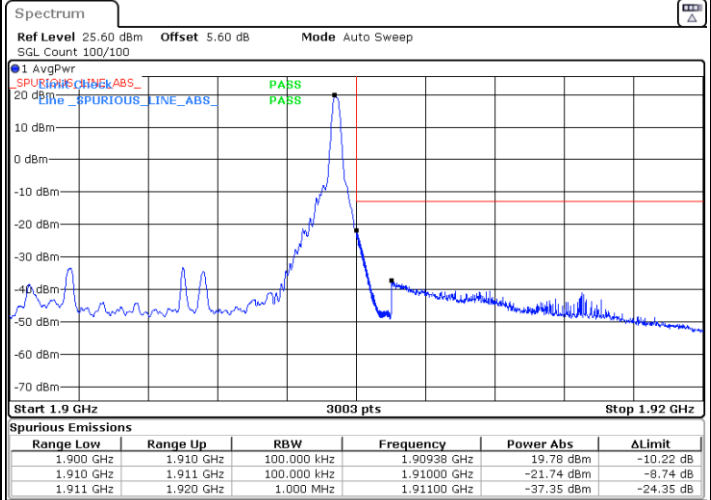
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



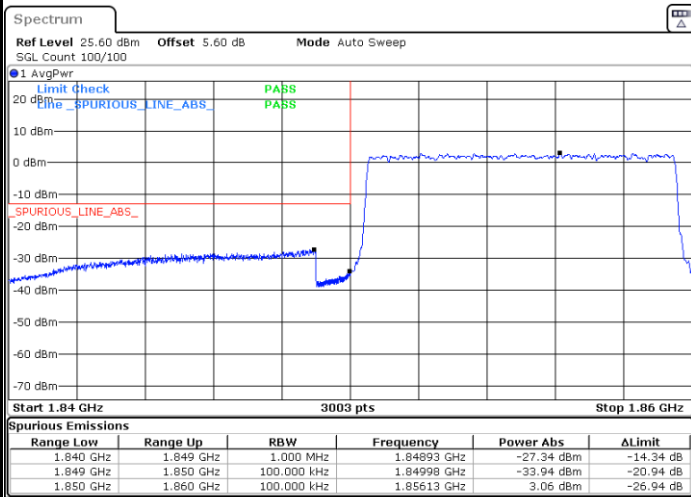
Date: 28.MAR.2025 13:19:51

Highest Band Edge / 1 RB



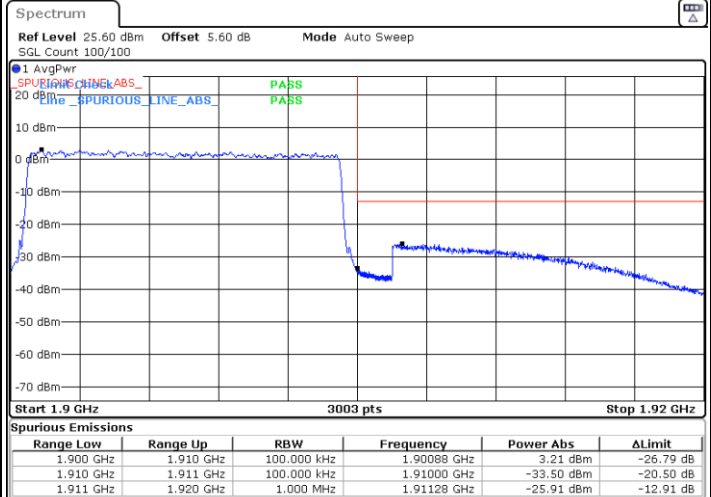
Date: 28.MAR.2025 13:45:01

Lowest Band Edge / Full RB



Date: 28.MAR.2025 13:27:01

Highest Band Edge / Full RB

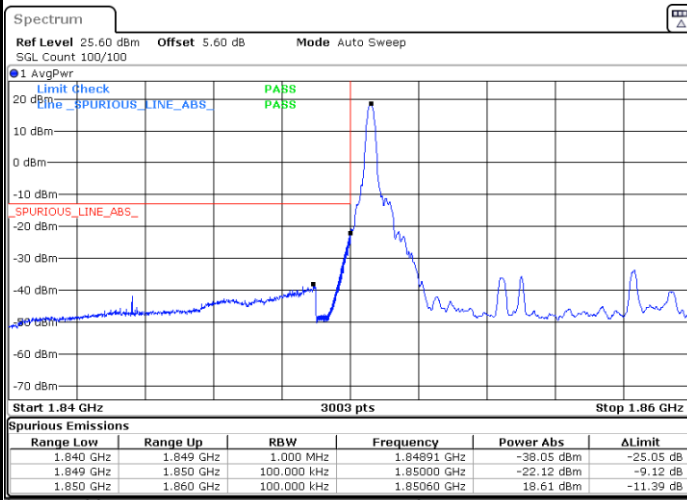


Date: 28.MAR.2025 13:50:40



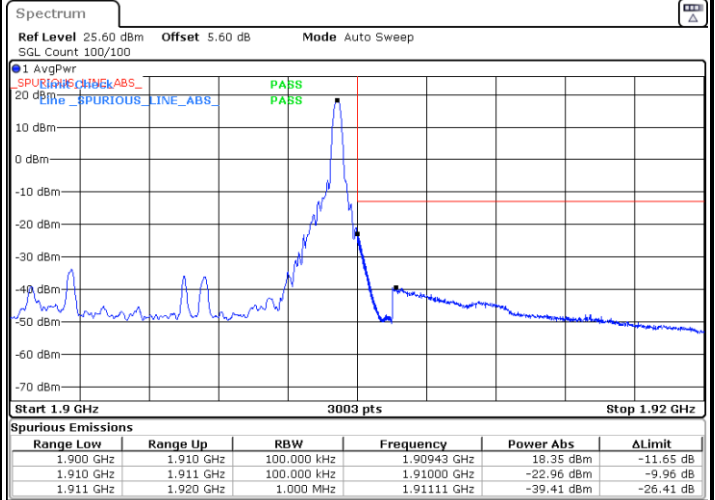
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



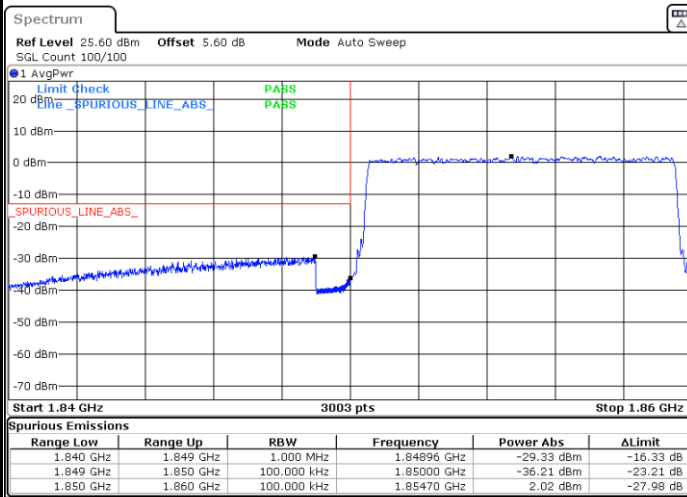
Date: 28.MAR.2025 13:20:46

Highest Band Edge / 1 RB



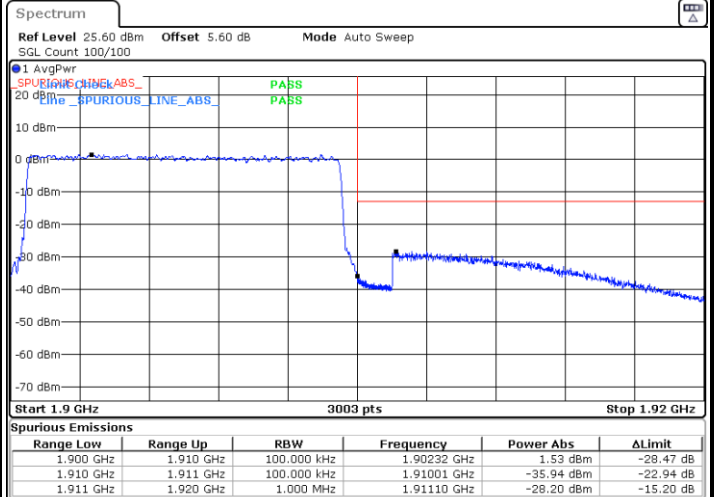
Date: 28.MAR.2025 13:45:56

Lowest Band Edge / Full RB



Date: 28.MAR.2025 13:27:56

Highest Band Edge / Full RB

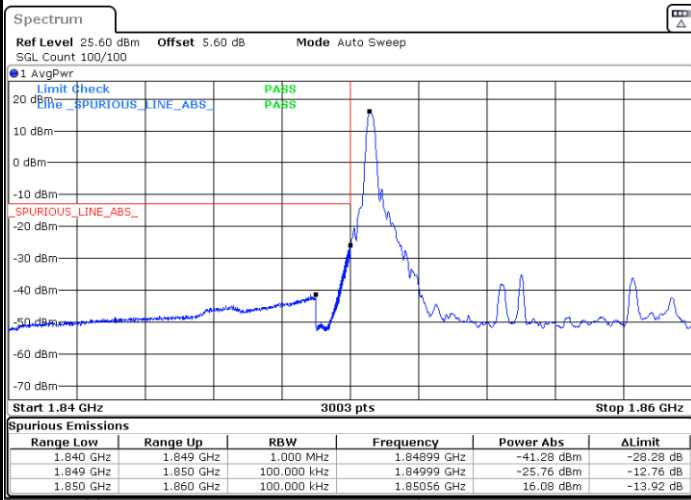


Date: 28.MAR.2025 13:51:36



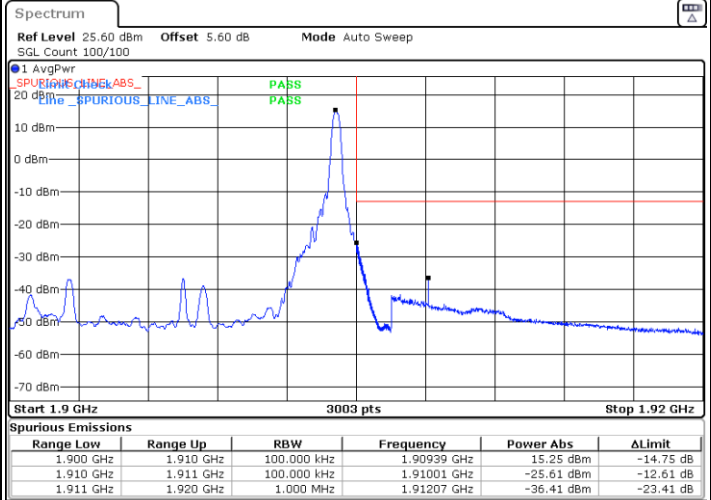
LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



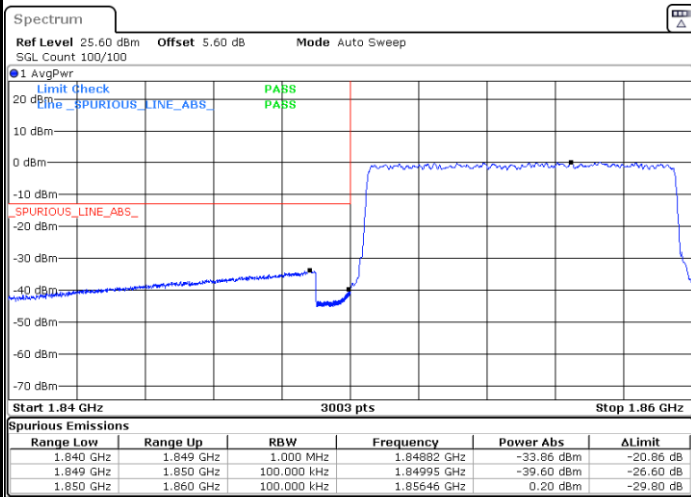
Date: 28.MAR.2025 13:21:41

Highest Band Edge / 1 RB



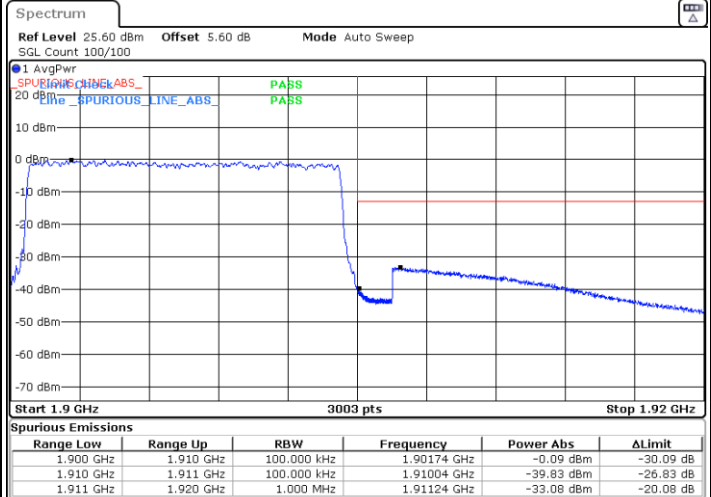
Date: 28.MAR.2025 13:46:51

Lowest Band Edge / Full RB



Date: 28.MAR.2025 13:28:51

Highest Band Edge / Full RB

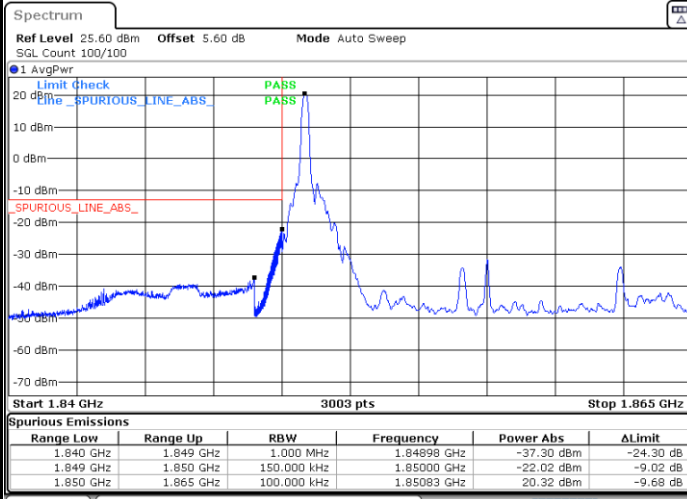


Date: 28.MAR.2025 13:52:31



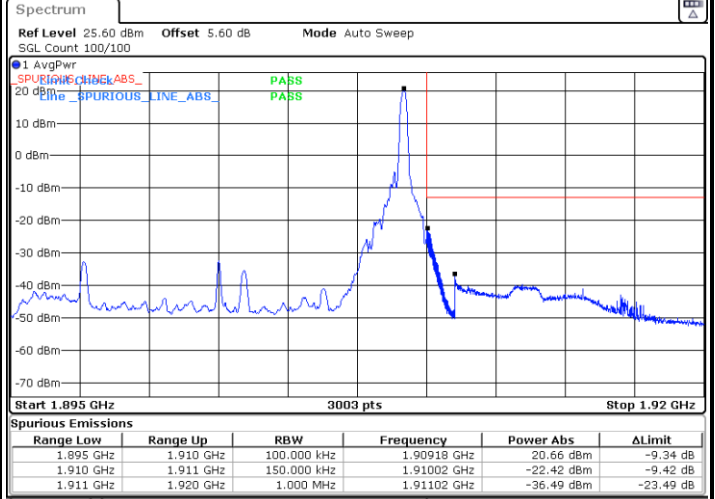
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



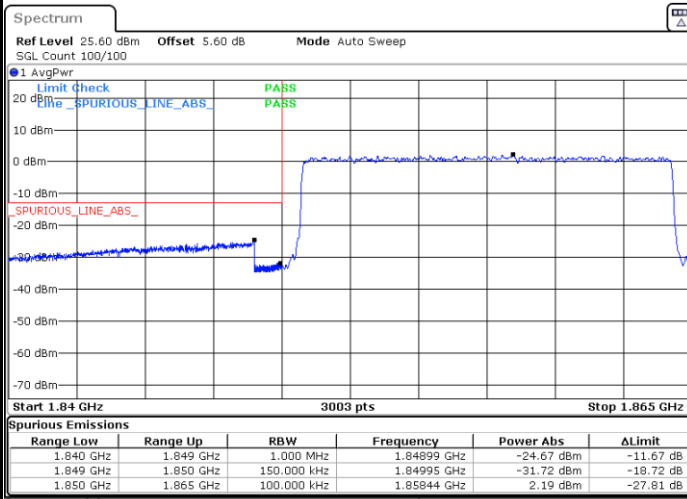
Date: 28.MAR.2025 13:56:29

Highest Band Edge / 1 RB



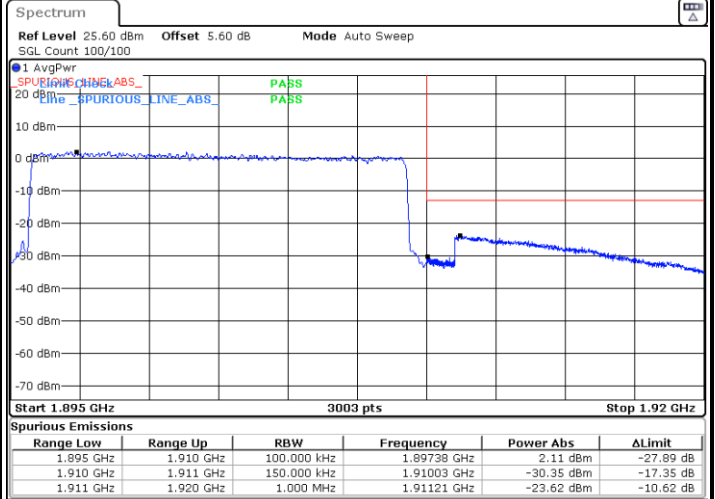
Date: 28.MAR.2025 14:21:40

Lowest Band Edge / Full RB



Date: 28.MAR.2025 14:07:01

Highest Band Edge / Full RB

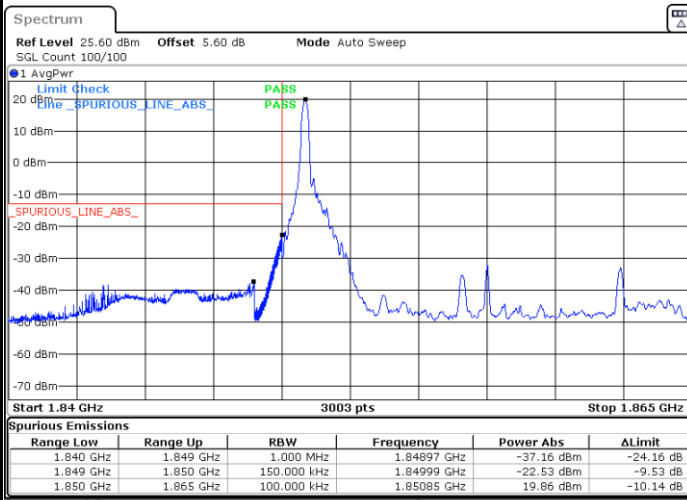


Date: 28.MAR.2025 14:25:24



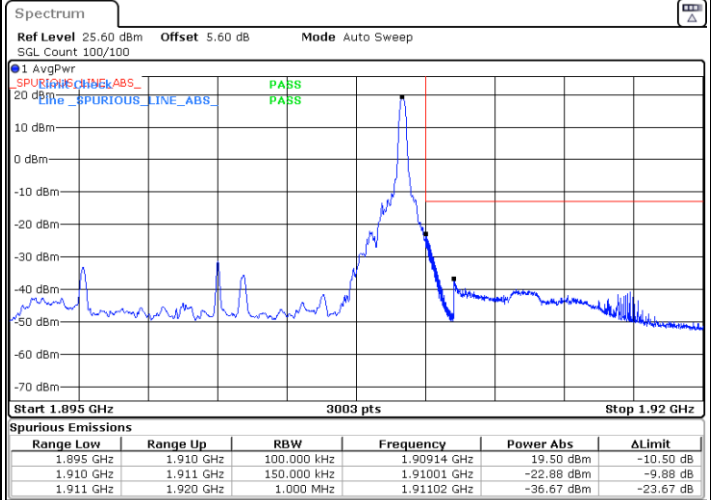
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



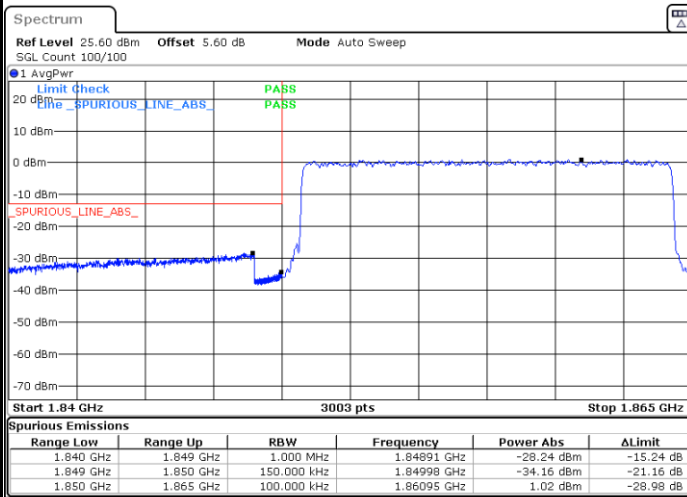
Date: 28.MAR.2025 13:57:27

Highest Band Edge / 1 RB



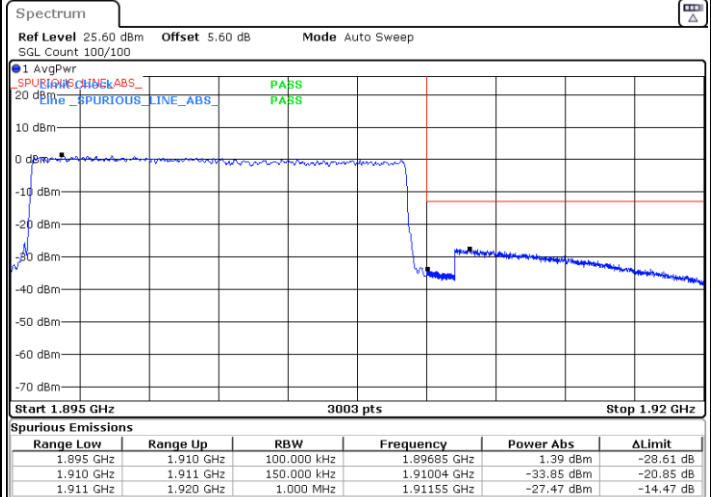
Date: 28.MAR.2025 14:22:38

Lowest Band Edge / Full RB



Date: 28.MAR.2025 14:07:56

Highest Band Edge / Full RB

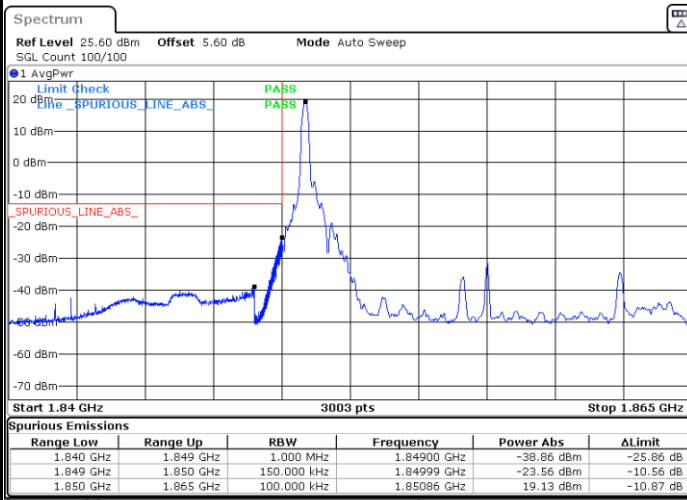


Date: 28.MAR.2025 14:26:19



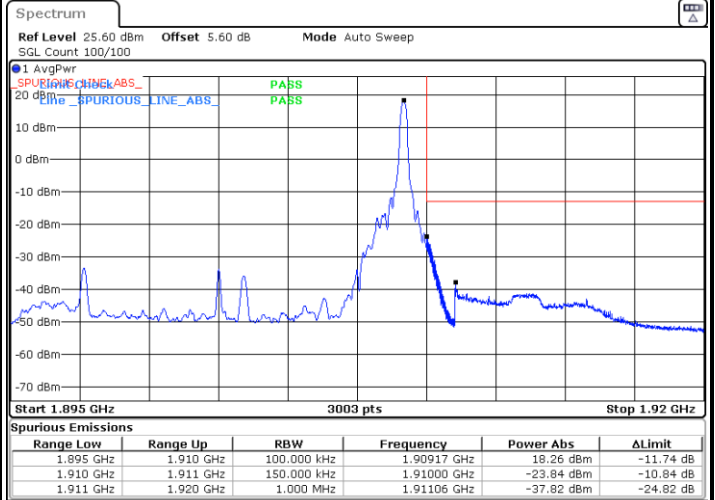
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



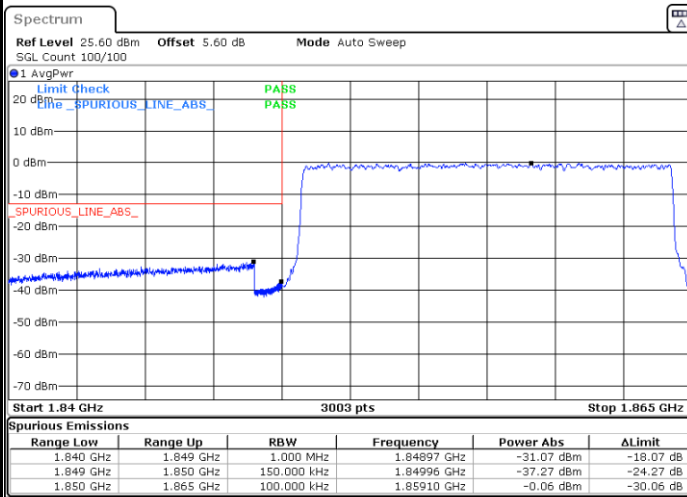
Date: 28.MAR.2025 13:58:22

Highest Band Edge / 1 RB



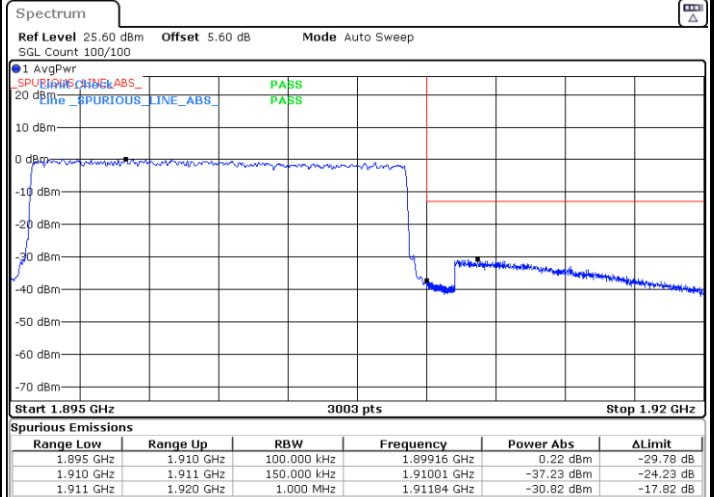
Date: 28.MAR.2025 14:23:33

Lowest Band Edge / Full RB



Date: 28.MAR.2025 14:08:51

Highest Band Edge / Full RB



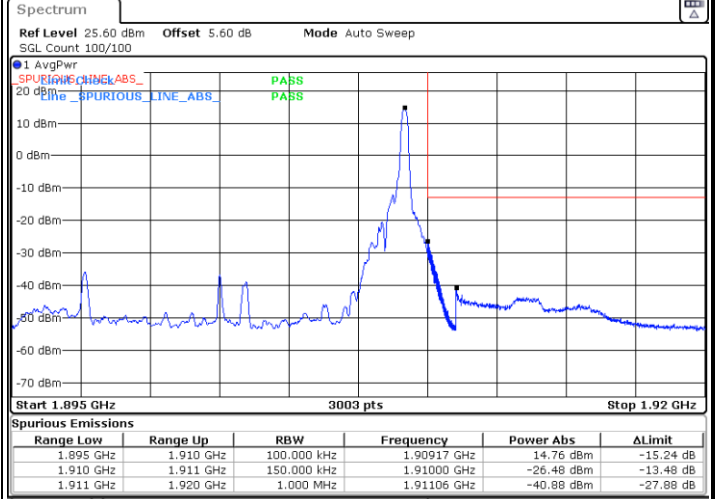
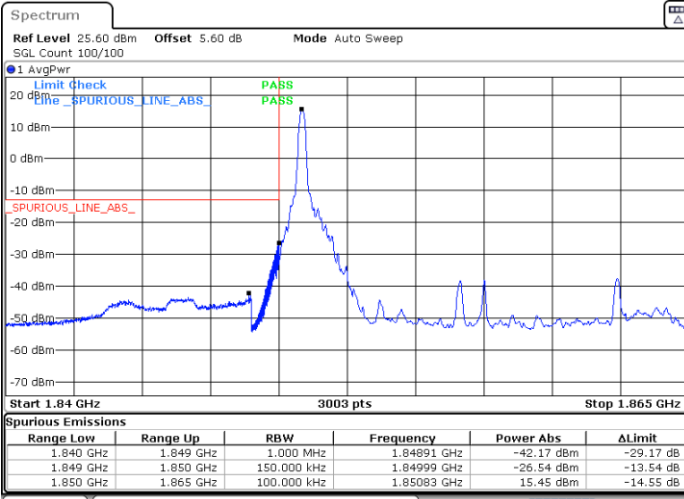
Date: 28.MAR.2025 14:27:14



LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

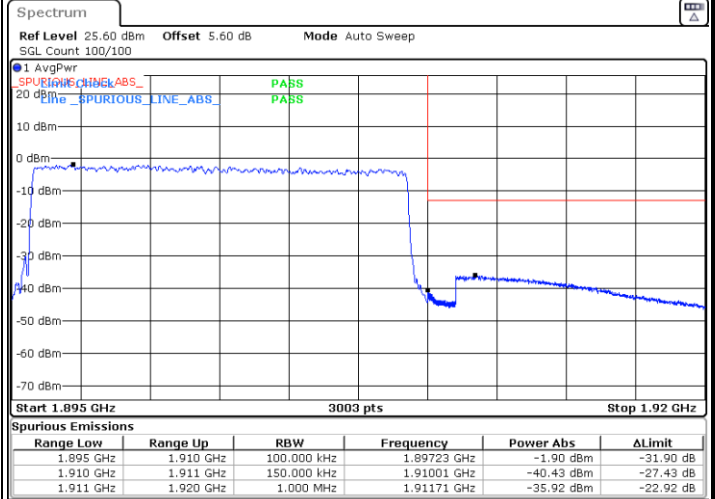
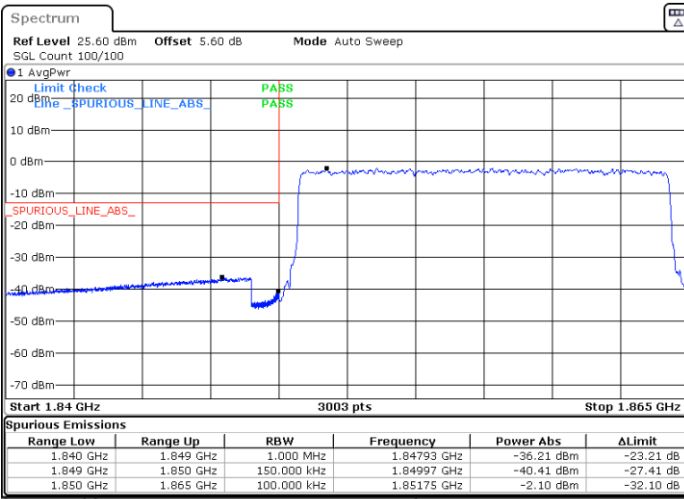


Date: 28.MAR.2025 13:59:17

Date: 28.MAR.2025 14:24:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



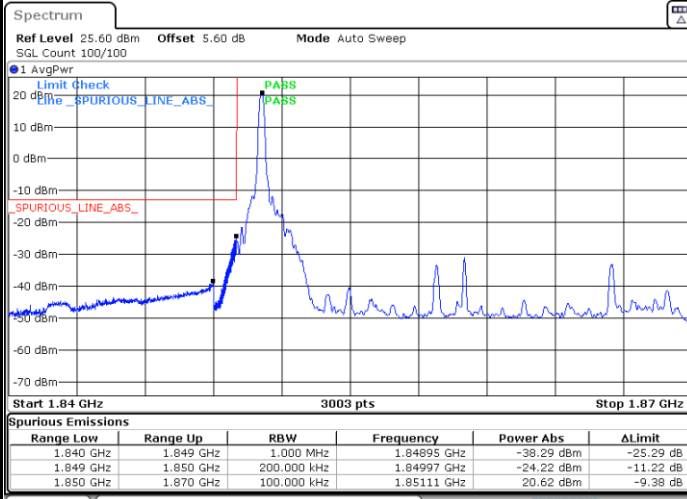
Date: 28.MAR.2025 14:09:46

Date: 28.MAR.2025 14:28:09



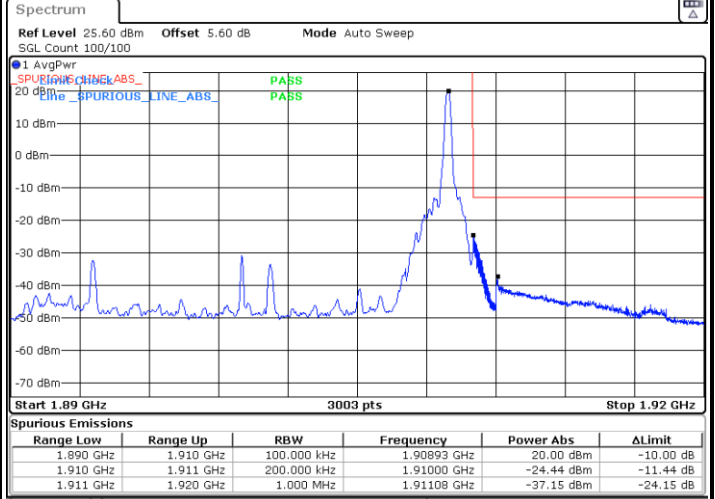
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



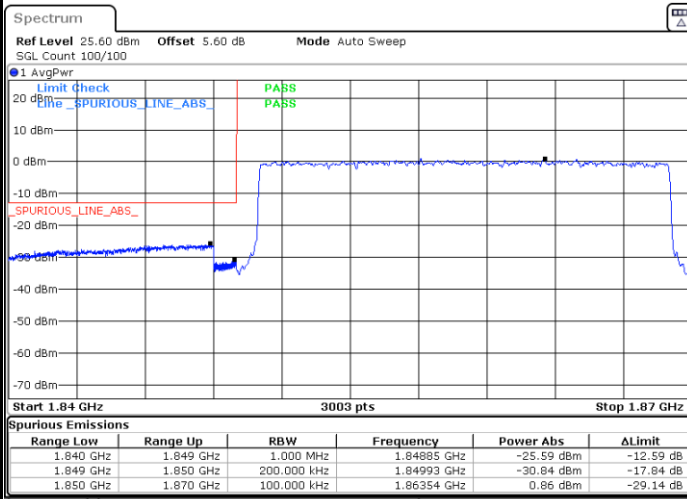
Date: 28.MAR.2025 14:41:37

Highest Band Edge / 1 RB



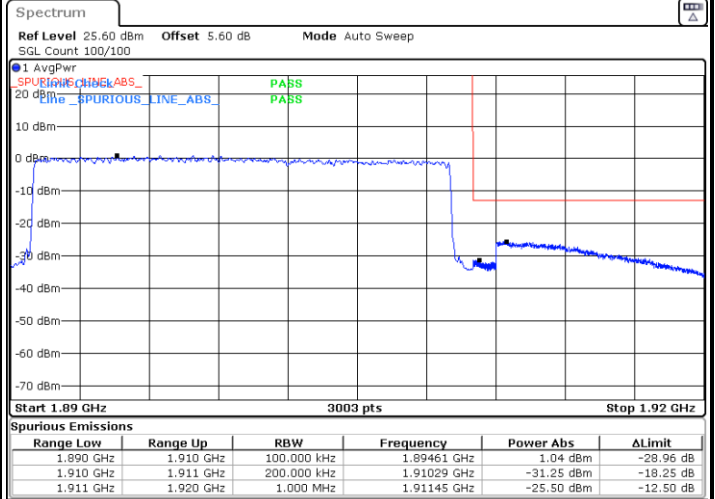
Date: 28.MAR.2025 14:59:26

Lowest Band Edge / Full RB



Date: 28.MAR.2025 14:45:25

Highest Band Edge / Full RB

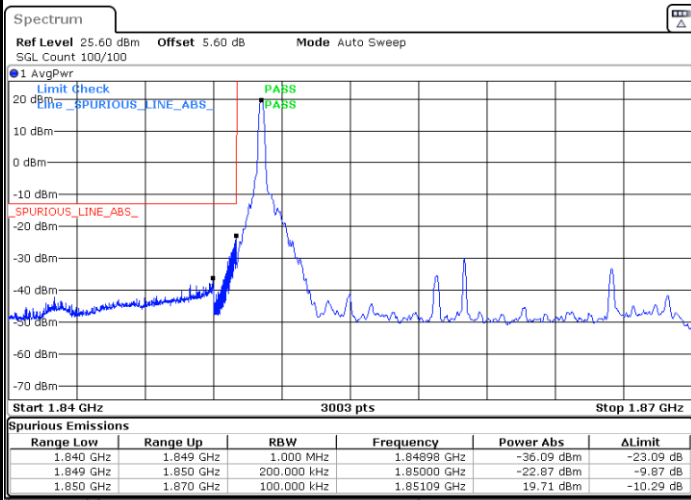


Date: 28.MAR.2025 15:03:10



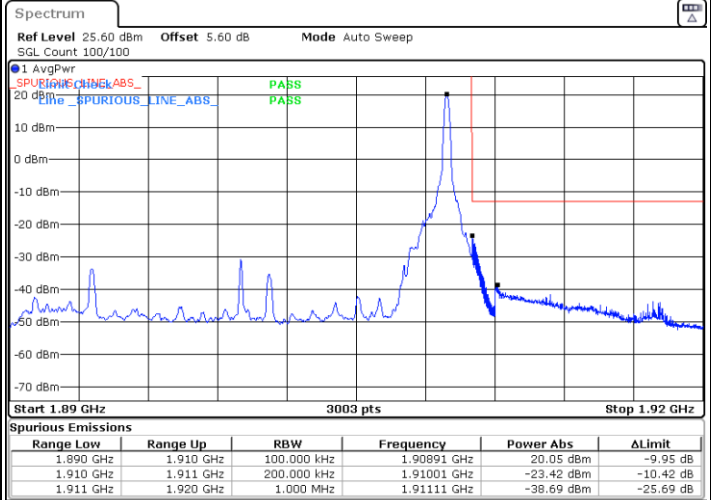
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



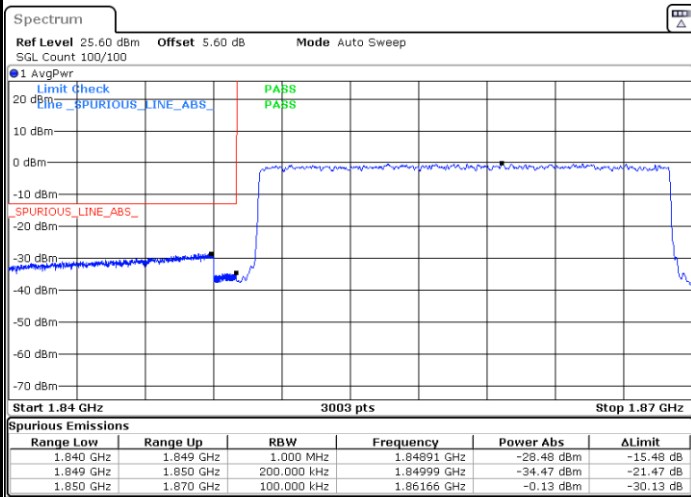
Date: 28.MAR.2025 14:42:36

Highest Band Edge / 1 RB



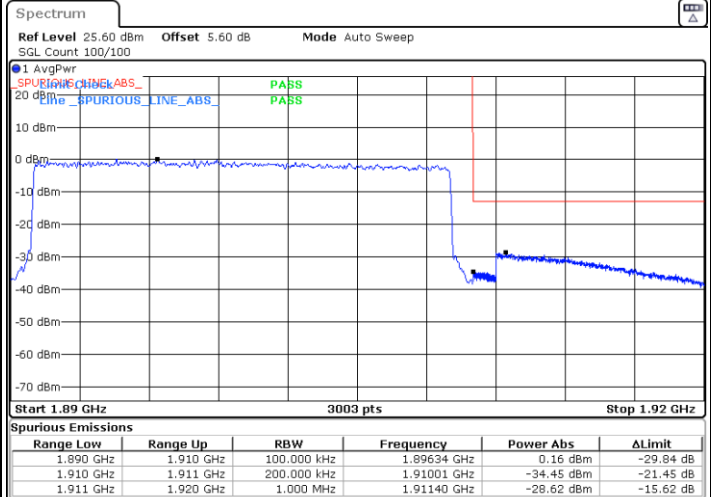
Date: 28.MAR.2025 15:00:24

Lowest Band Edge / Full RB



Date: 28.MAR.2025 14:46:20

Highest Band Edge / Full RB

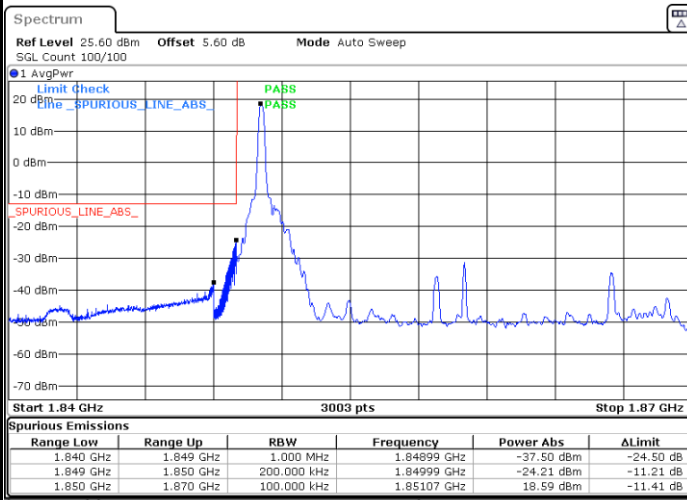


Date: 28.MAR.2025 15:04:06

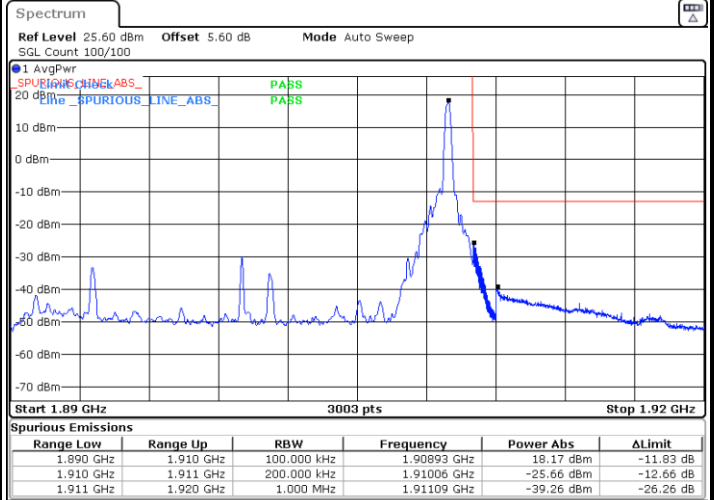


LTE Band 2 / 20MHz / 64QAM

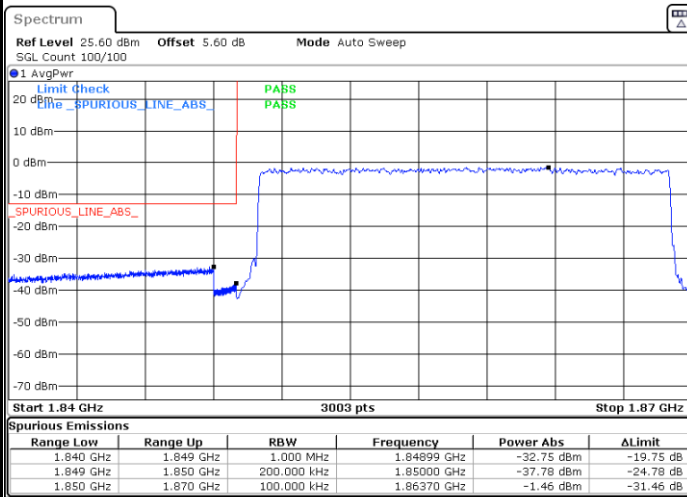
Lowest Band Edge / 1 RB



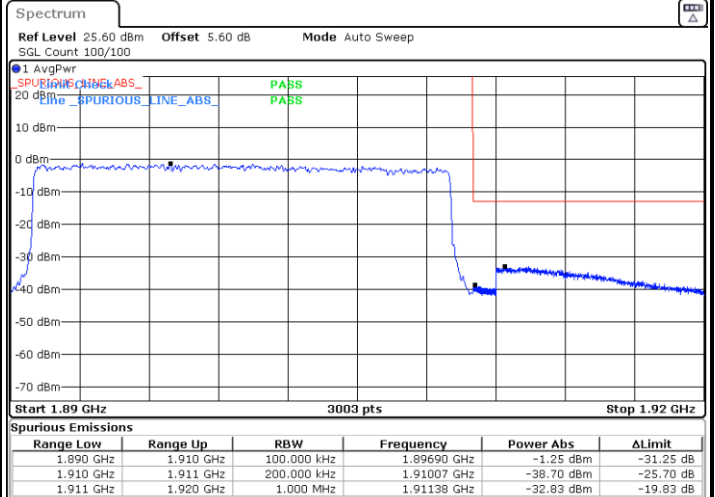
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



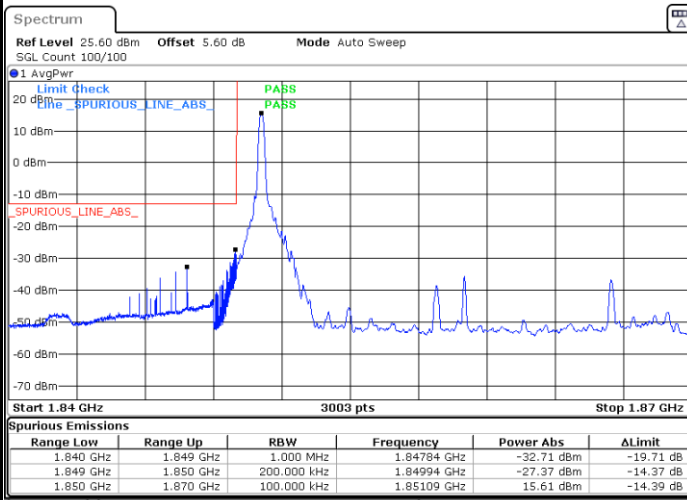
Highest Band Edge / Full RB





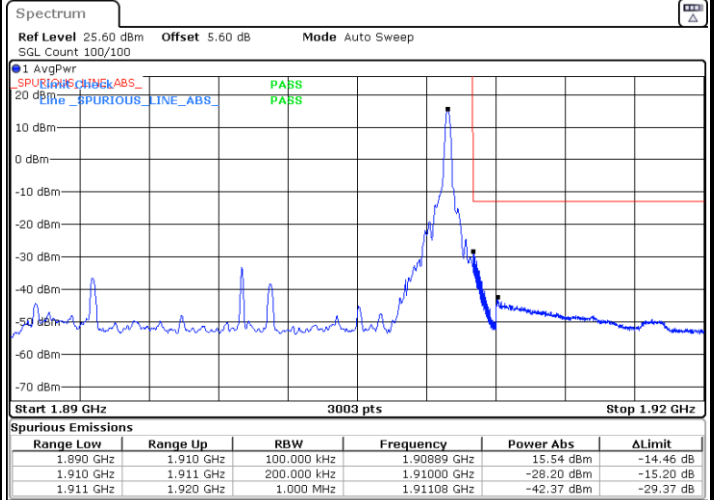
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



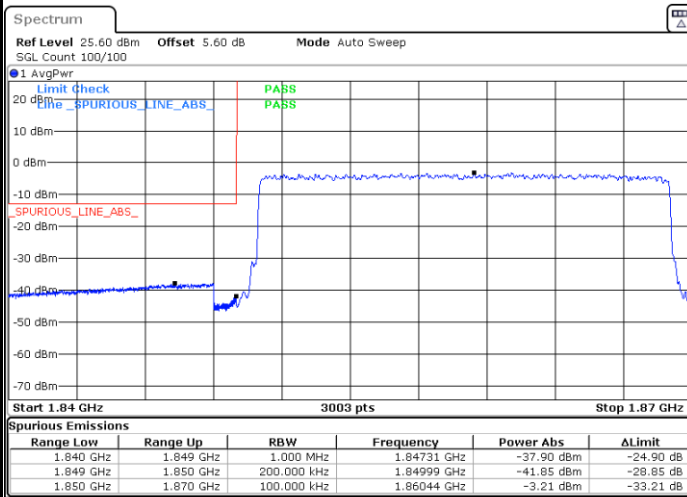
Date: 28.MAR.2025 14:44:26

Highest Band Edge / 1 RB



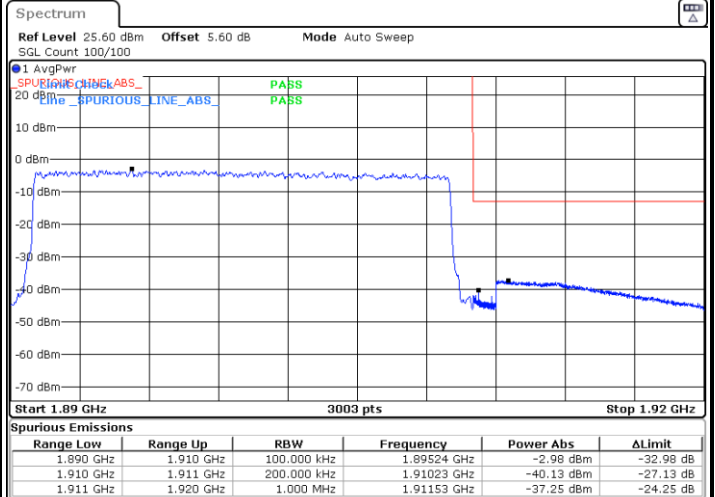
Date: 28.MAR.2025 15:02:15

Lowest Band Edge / Full RB



Date: 28.MAR.2025 14:48:10

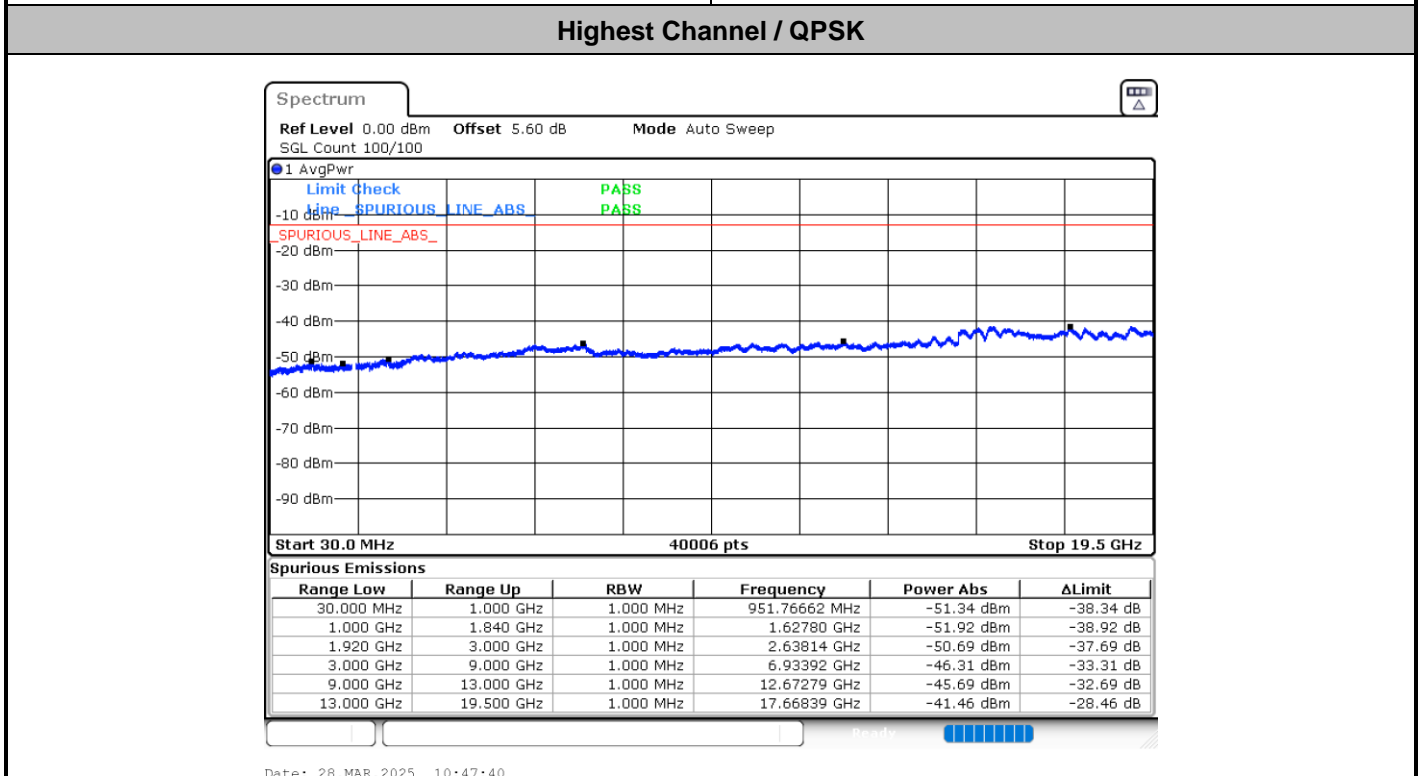
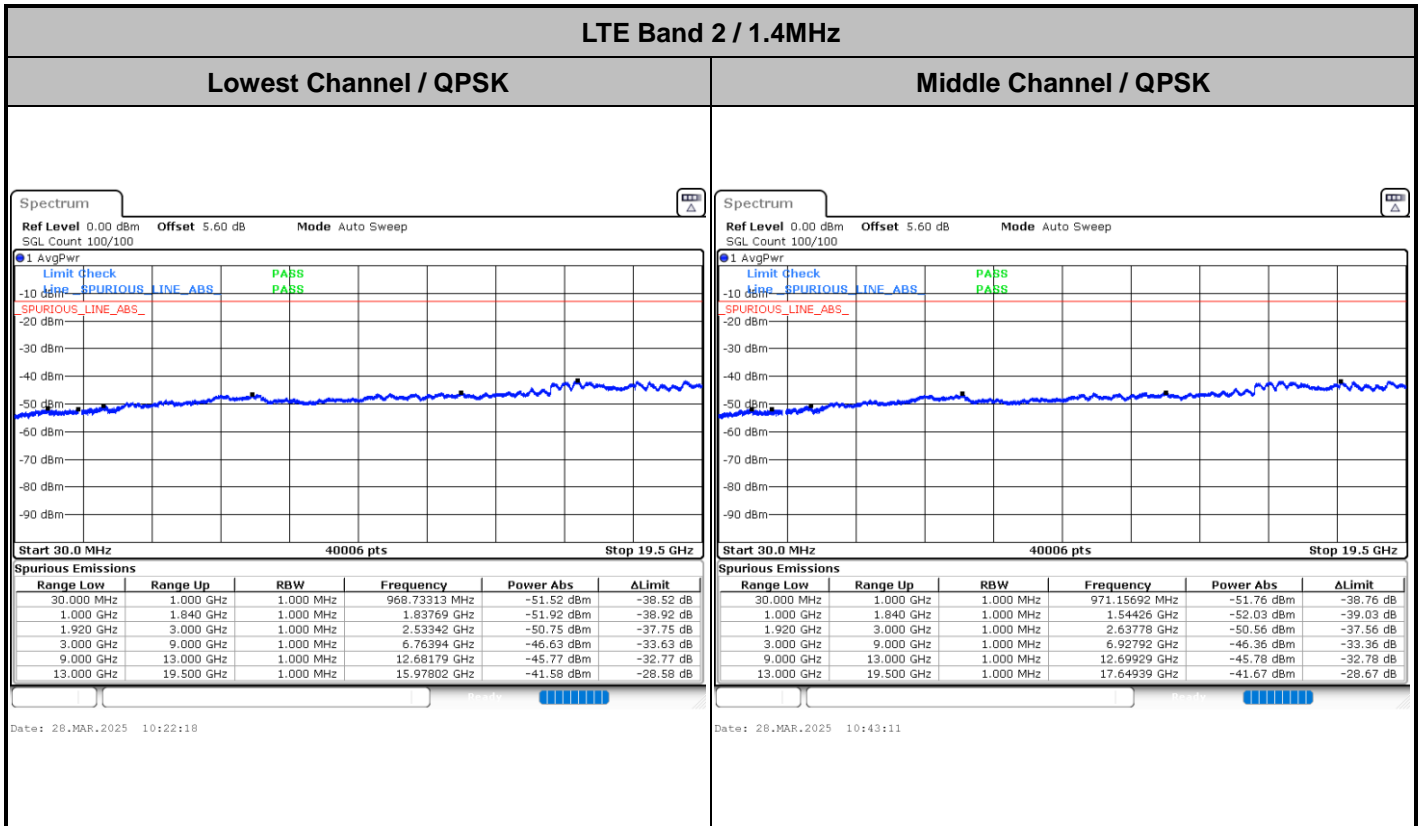
Highest Band Edge / Full RB



Date: 28.MAR.2025 15:05:56



# Conducted Spurious Emission

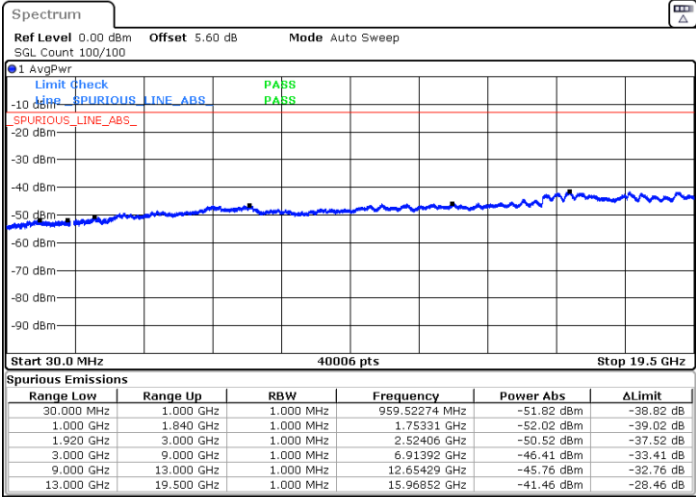




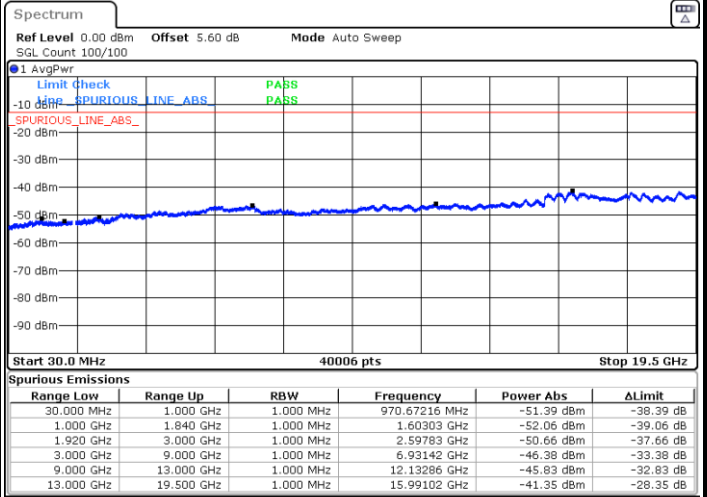
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

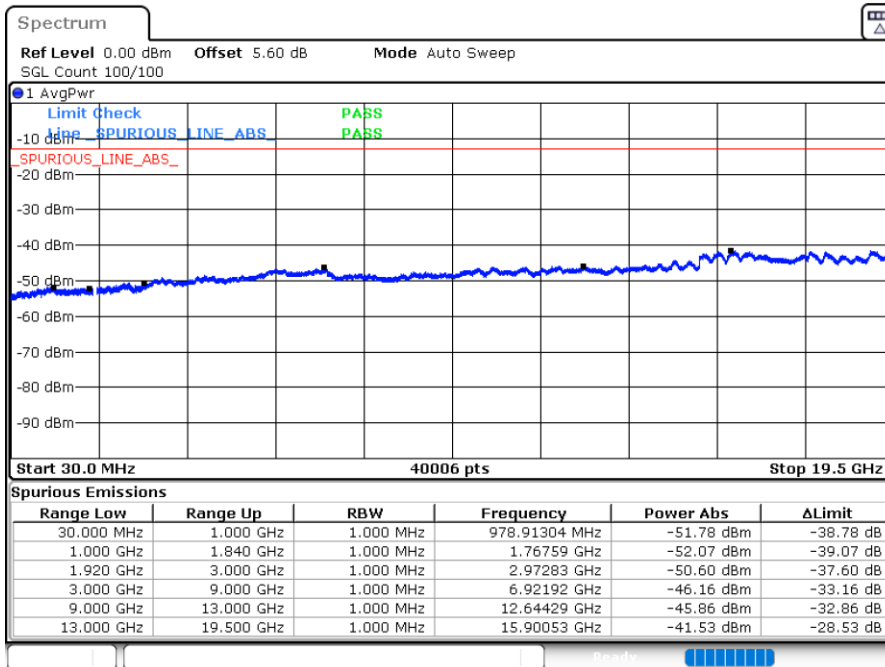


Date: 28.MAR.2025 11:06:31



Date: 28.MAR.2025 11:22:51

Highest Channel / QPSK

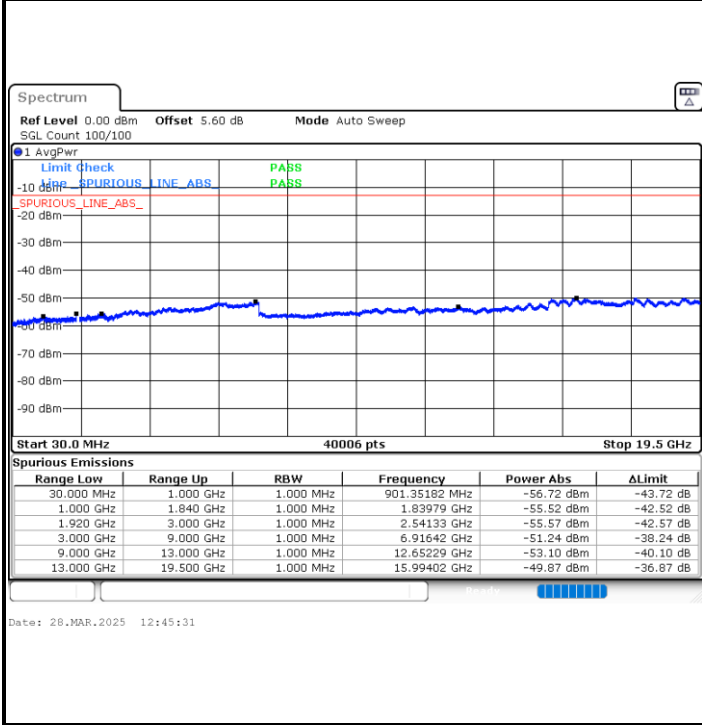


Date: 28.MAR.2025 11:27:19

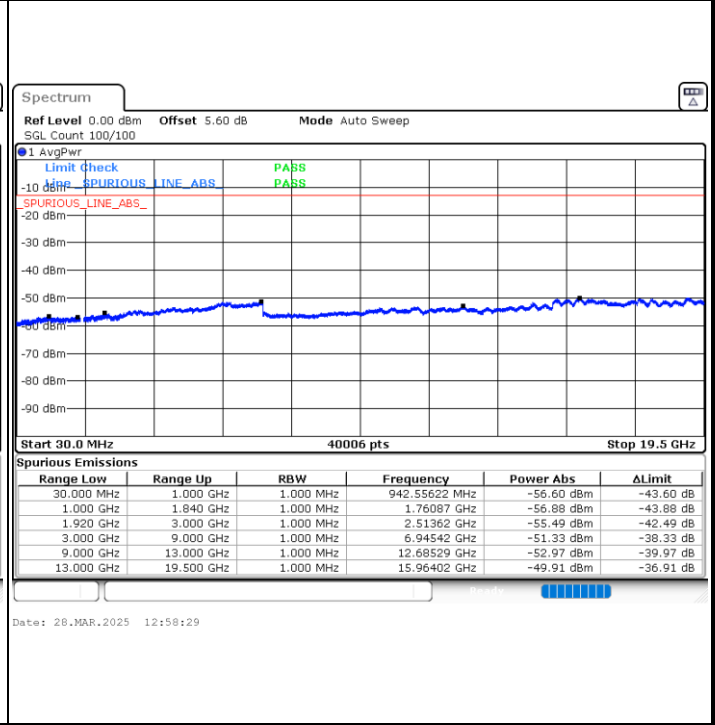


**LTE Band 2 / 5MHz**

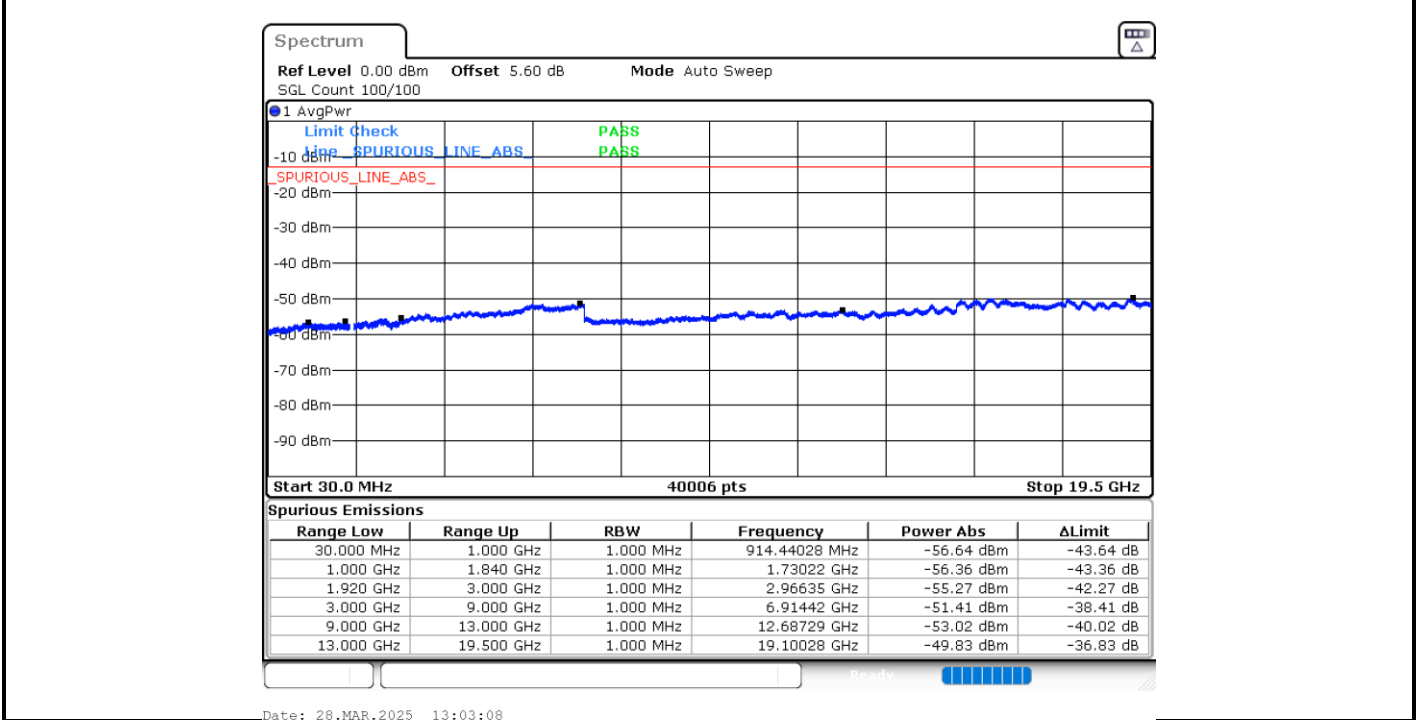
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

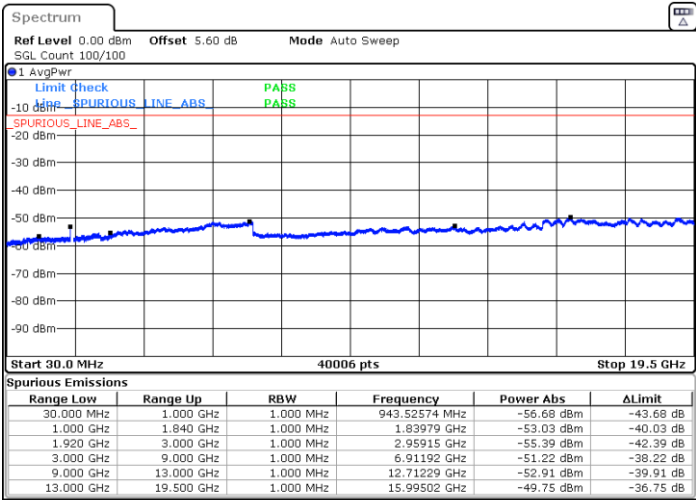




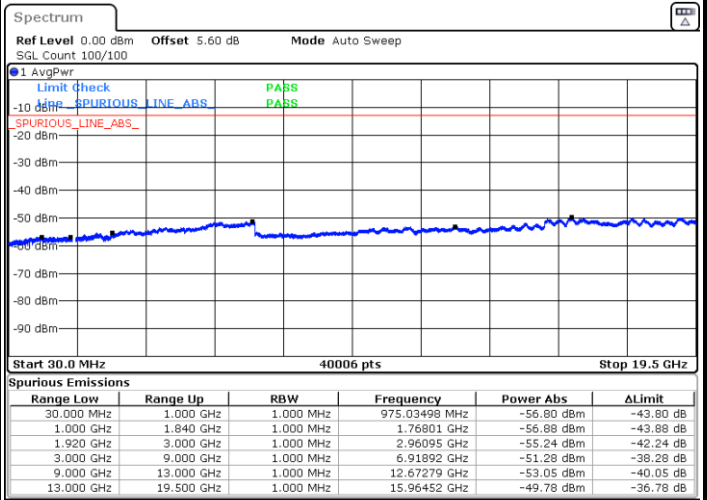
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

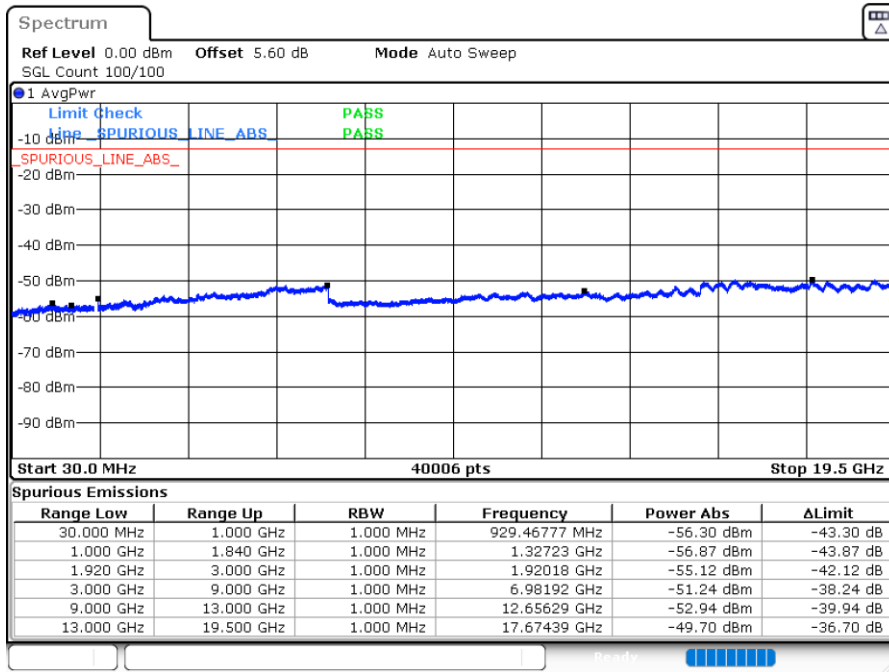


Date: 28.MAR.2025 13:17:55



Date: 28.MAR.2025 13:37:37

Highest Channel / QPSK



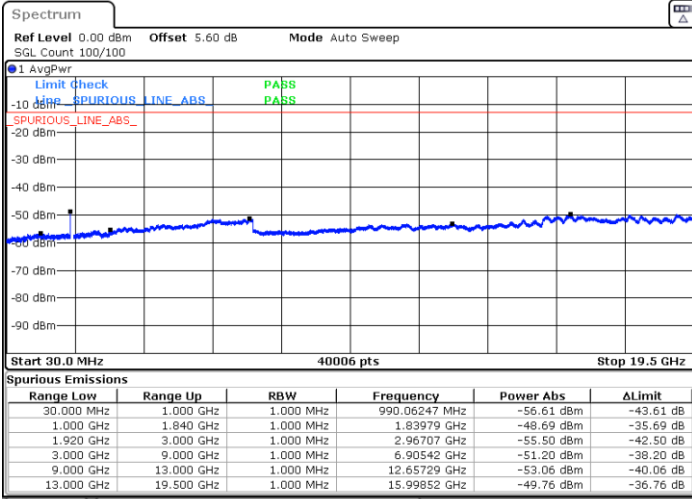
Date: 28.MAR.2025 13:43:05



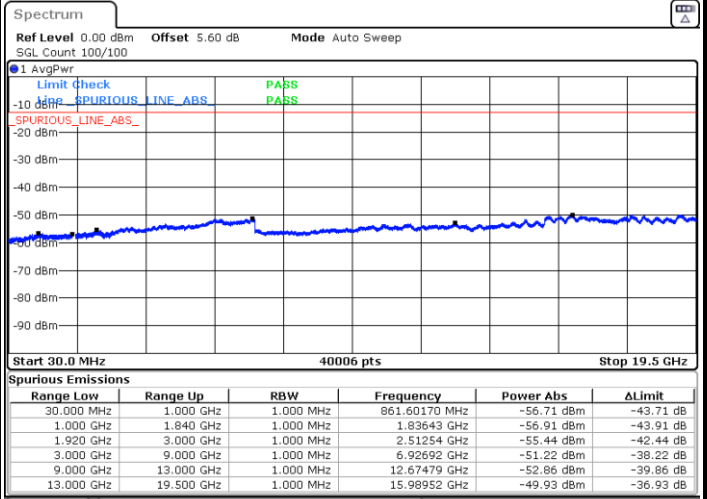
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

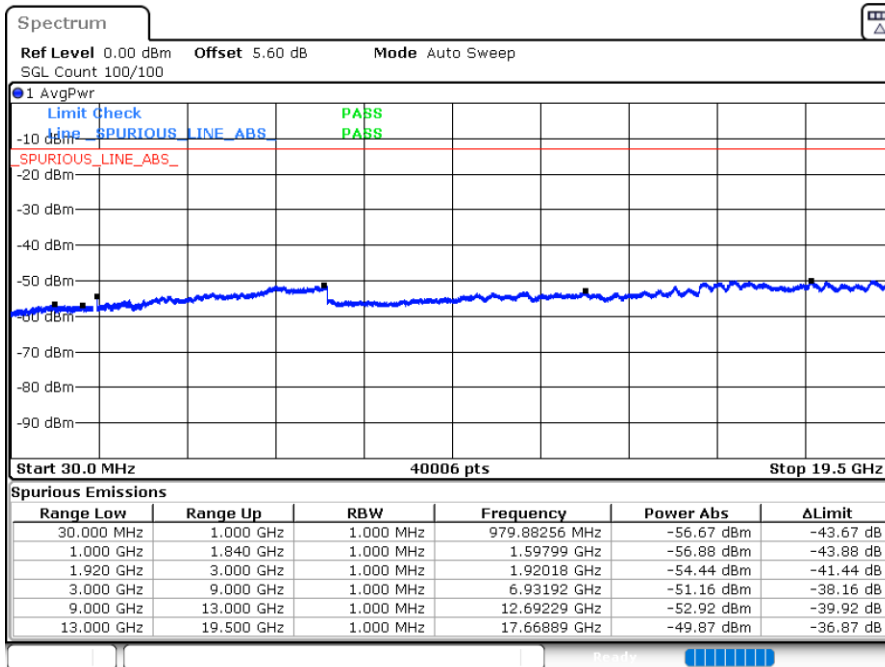


Date: 28.MAR.2025 13:55:31



Date: 28.MAR.2025 14:16:04

Highest Channel / QPSK



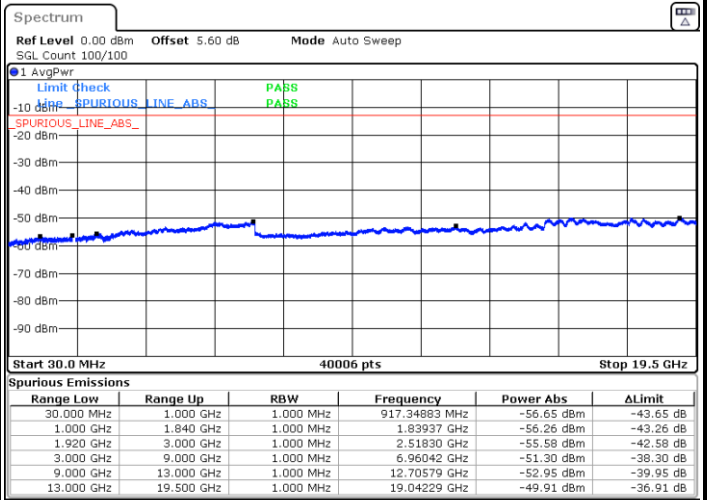
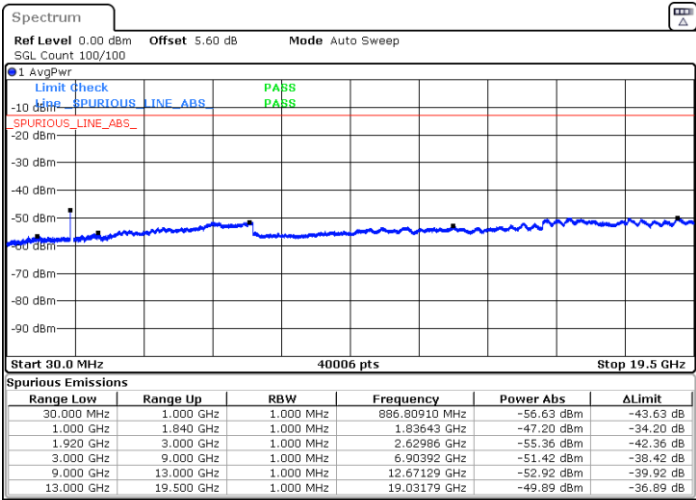
Date: 28.MAR.2025 14:20:41



LTE Band 2 / 20MHz

Lowest Channel / QPSK

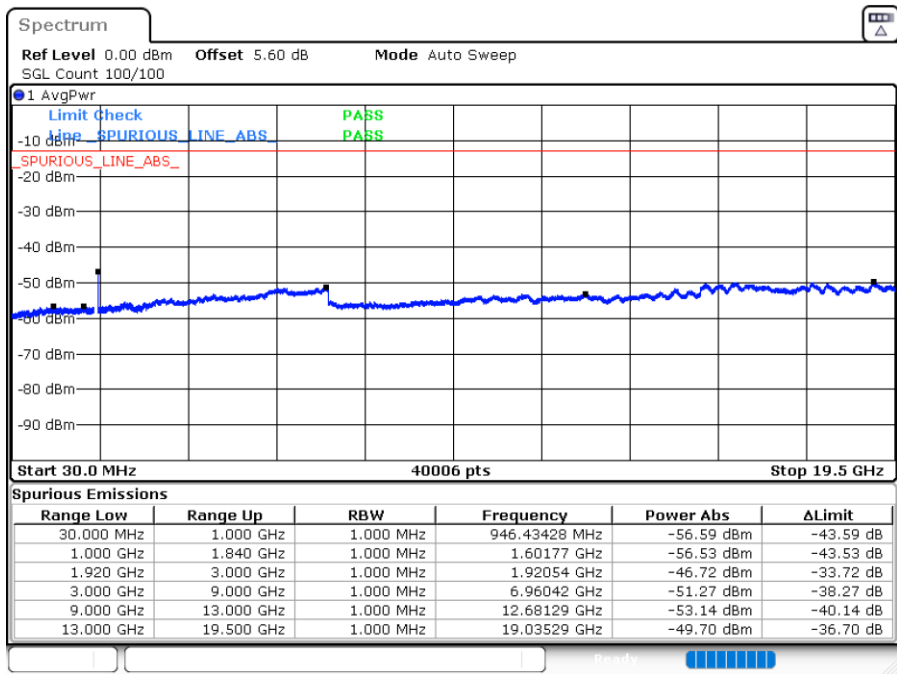
Middle Channel / QPSK



Date: 28.MAR.2025 14:40:39

Date: 28.MAR.2025 14:52:51

Highest Channel / QPSK



Date: 28.MAR.2025 14:58:27



Frequency Stability

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0014                             | PASS    |
| 40               | Normal Voltage    | 0.0022                             |         |
| 30               | Normal Voltage    | 0.0048                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0069                             |         |
| 0                | Normal Voltage    | 0.0042                             |         |
| -10              | Normal Voltage    | 0.0003                             |         |
| -20              | Normal Voltage    | 0.0097                             |         |
| -30              | Normal Voltage    | 0.0013                             |         |
| 20               | Maximum Voltage   | 0.0051                             |         |
| 20               | Normal Voltage    | 0.0073                             |         |
| 20               | Battery End Point | 0.0026                             |         |

Note:

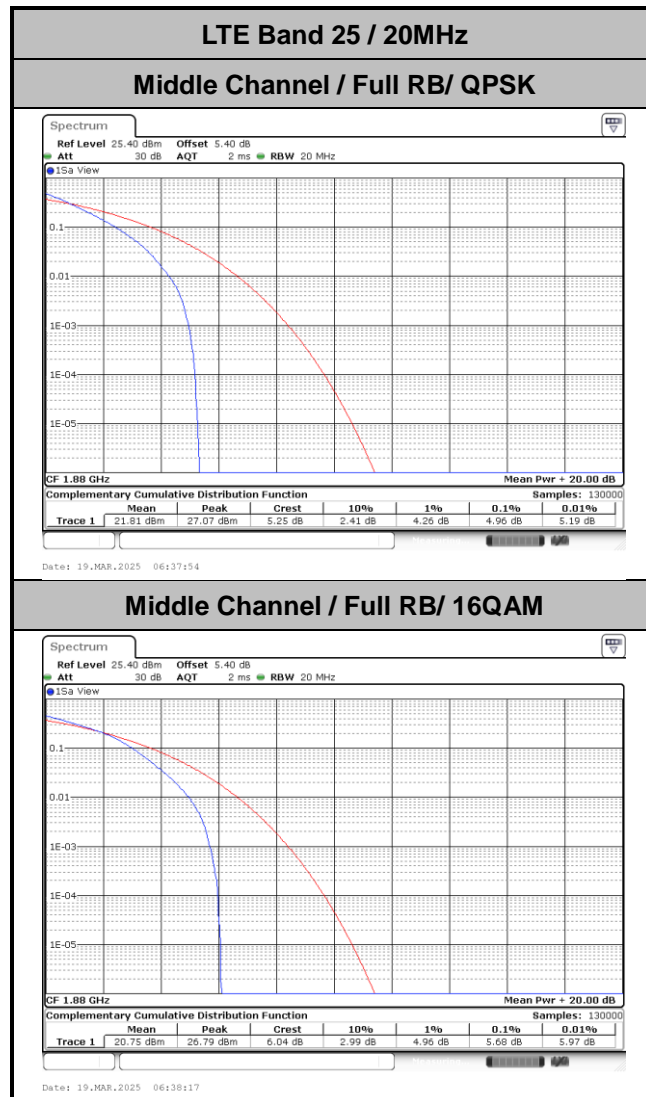
1. Normal Voltage = 3.81 V.; Battery End Point (BEP) =3.4 V.; Maximum Voltage = 4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

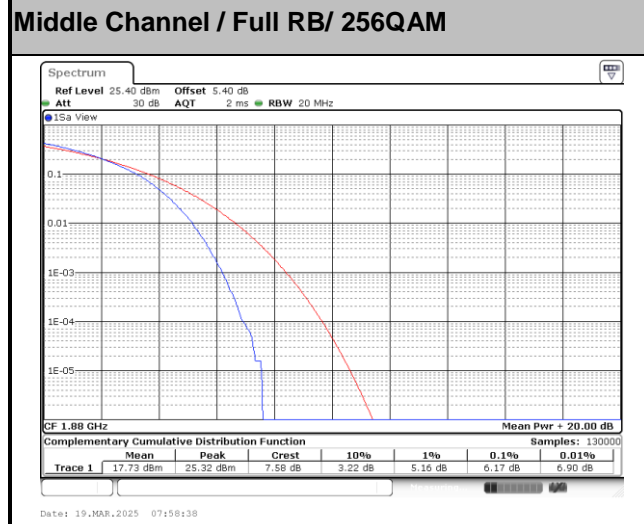
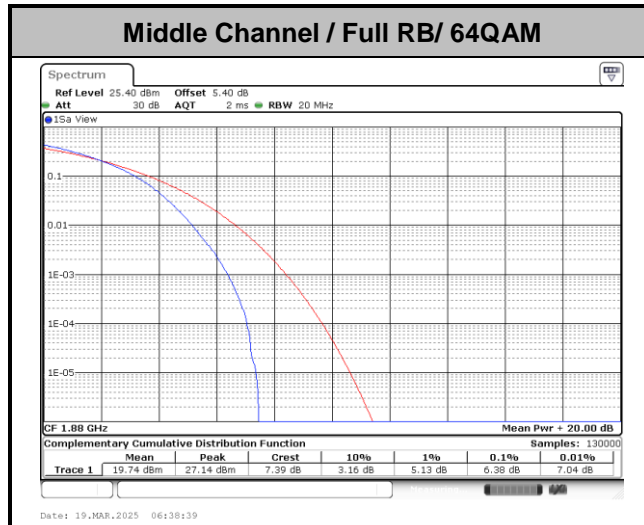


# LTE Band 25

## 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                | 5.68    | 6.38    | 6.17    | PASS        |







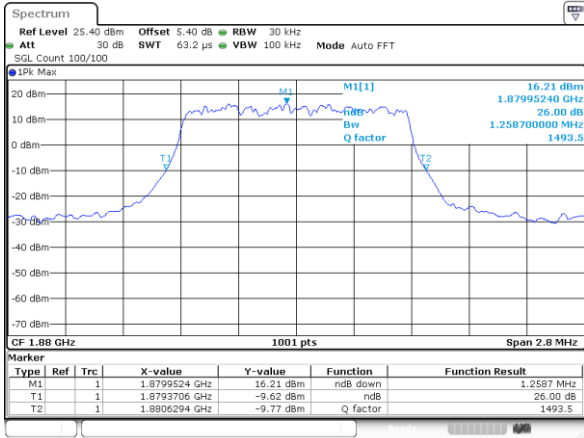
**26dB Bandwidth**

| Mode             | LTE Band 25 : 26dB BW(MHz) |              |
|------------------|----------------------------|--------------|
| <b>BW</b>        | <b>1.4MHz</b>              |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 1.26                       | 1.26         |
| <b>BW</b>        | <b>3MHz</b>                |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 2.97                       | 3.02         |
| <b>BW</b>        | <b>5MHz</b>                |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 4.94                       | 4.84         |
| <b>BW</b>        | <b>10MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 9.63                       | 9.61         |
| <b>BW</b>        | <b>15MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 14.27                      | 14.24        |
| <b>BW</b>        | <b>20MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 18.94                      | 19.18        |



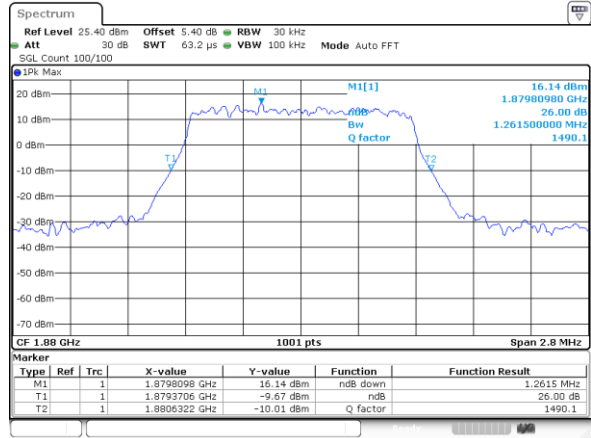
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 19\_MAR\_2025 07:03:08

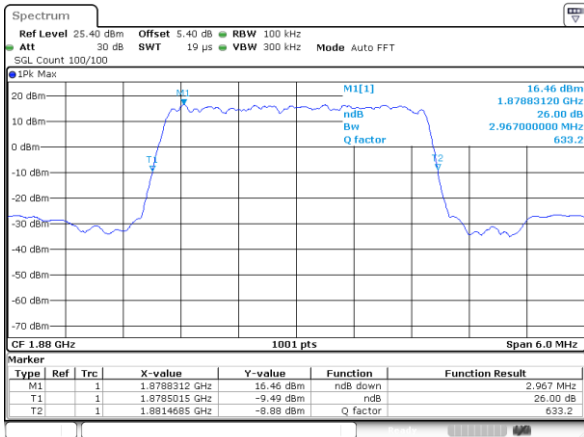
Middle Channel / 1.4MHz / 16QAM



Date: 19\_MAR\_2025 07:03:29

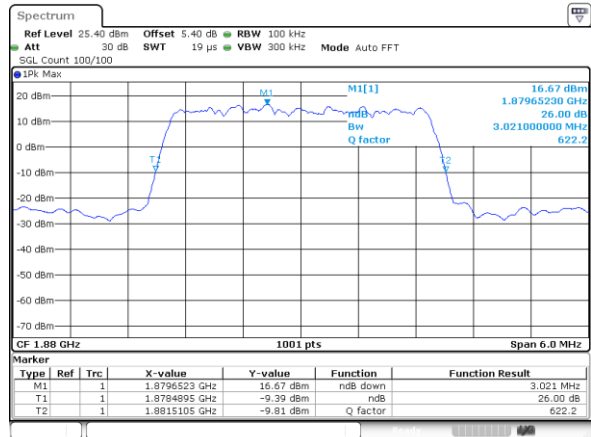
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 19\_MAR\_2025 07:02:03

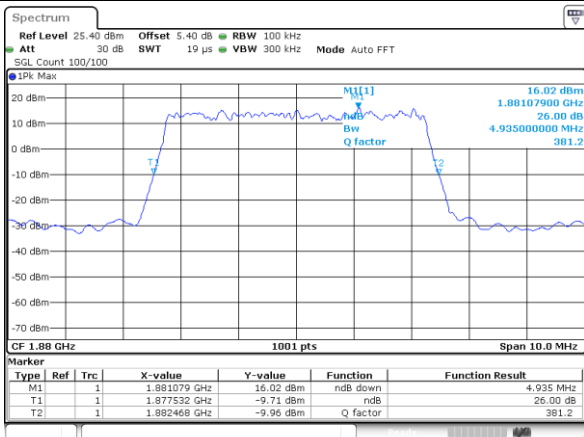
Middle Channel / 3MHz / 16QAM



Date: 19\_MAR\_2025 07:01:42

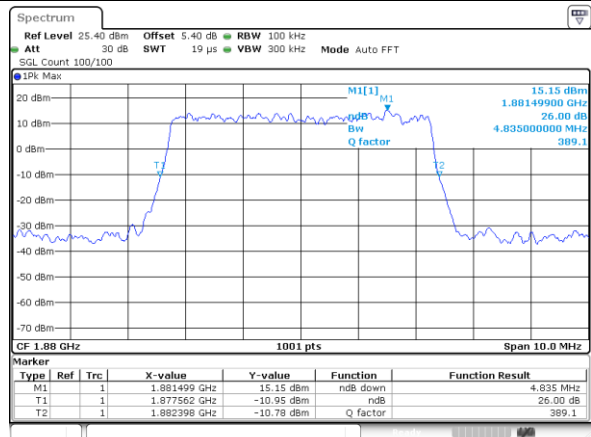
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 19\_MAR\_2025 07:00:16

Middle Channel / 5MHz / 16QAM

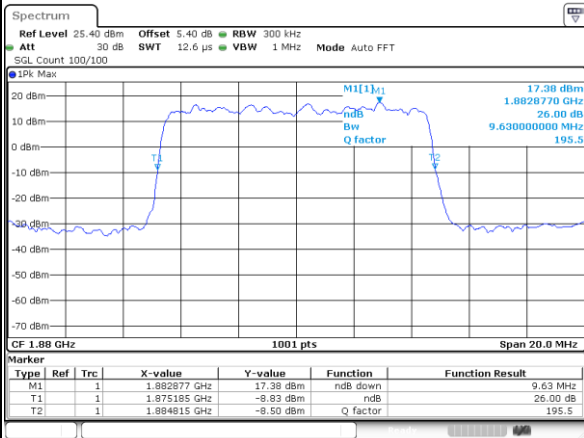


Date: 19\_MAR\_2025 07:00:37



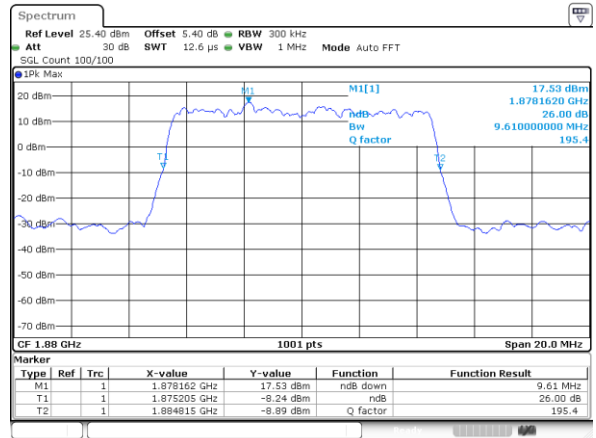
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 19\_MAR\_2025 06:59:11

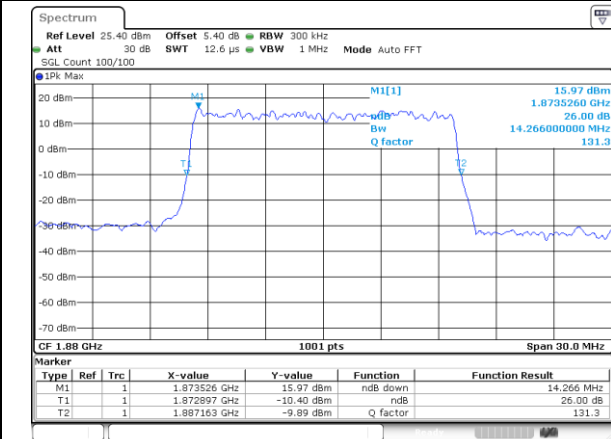
Middle Channel / 10MHz / 16QAM



Date: 19\_MAR\_2025 06:58:50

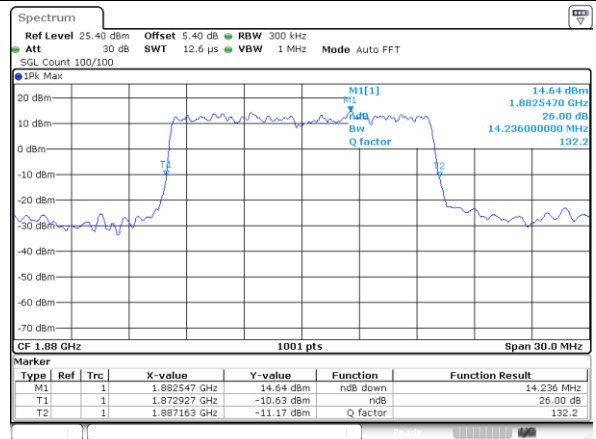
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 19\_MAR\_2025 06:57:24

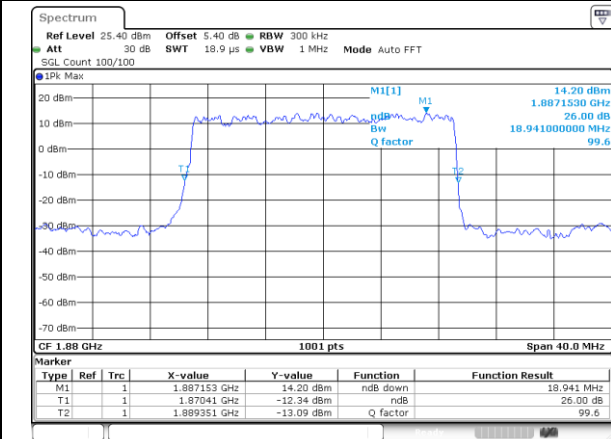
Middle Channel / 15MHz / 16QAM



Date: 19\_MAR\_2025 06:57:46

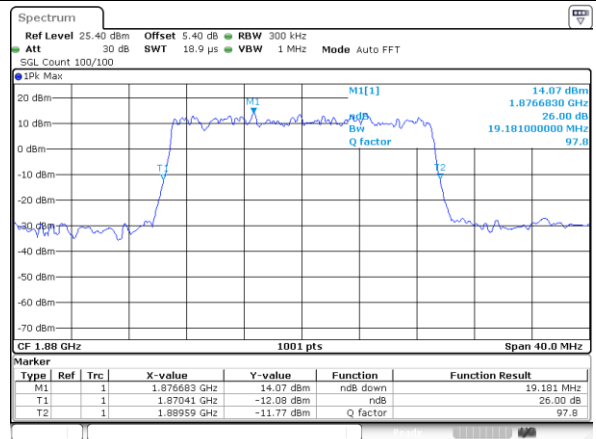
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 19\_MAR\_2025 06:24:39

Middle Channel / 20MHz / 16QAM

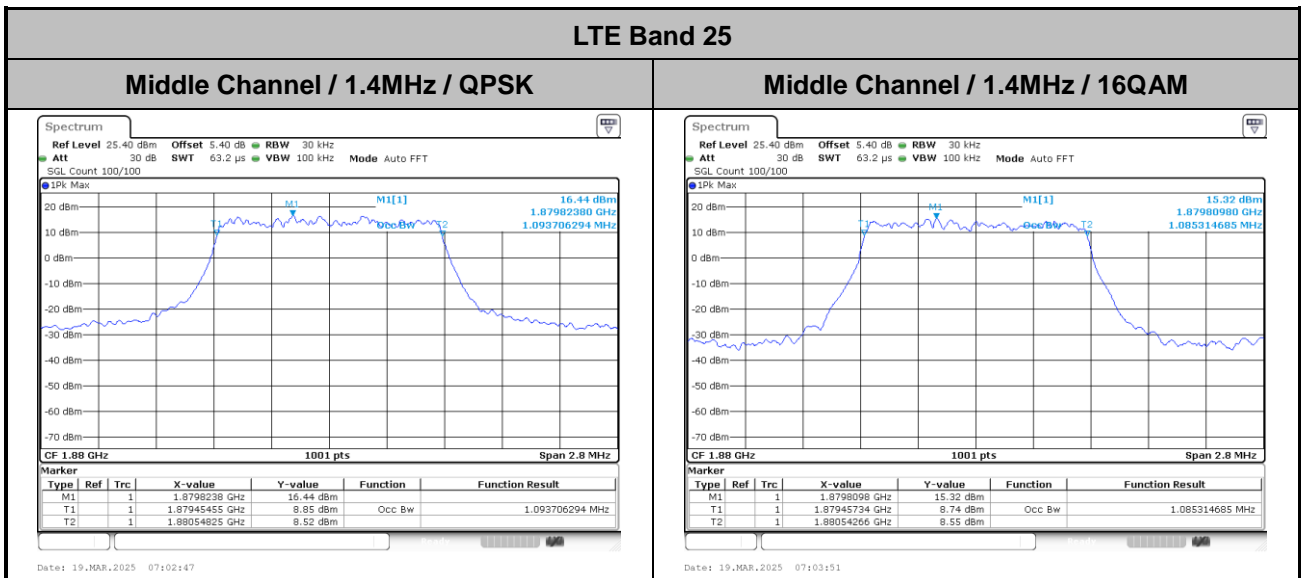


Date: 19\_MAR\_2025 06:25:00



# Occupied Bandwidth

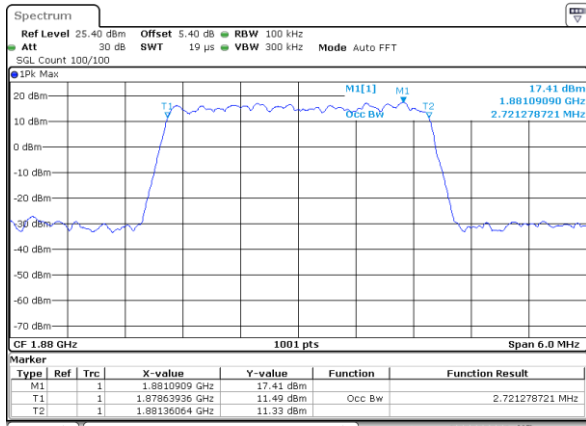
| Mode      | LTE Band 25 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 1.4MHz                    |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 1.09                      | 1.09  |
| BW        | 3MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 2.72                      | 2.72  |
| BW        | 5MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 4.49                      | 4.50  |
| BW        | 10MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 9.05                      | 8.97  |
| BW        | 15MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 13.46                     | 13.49 |
| BW        | 20MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 17.94                     | 17.90 |





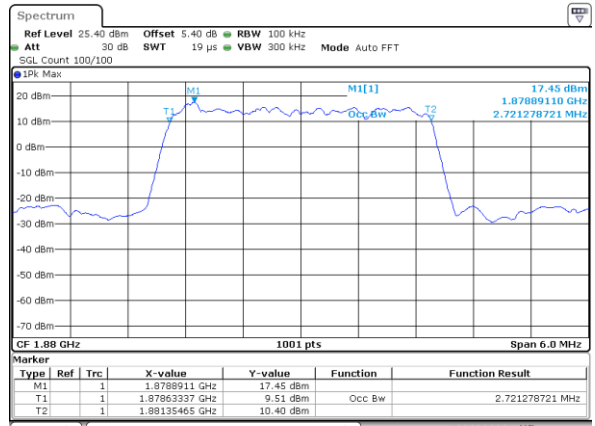
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 19\_MAR\_2025 07:02:25

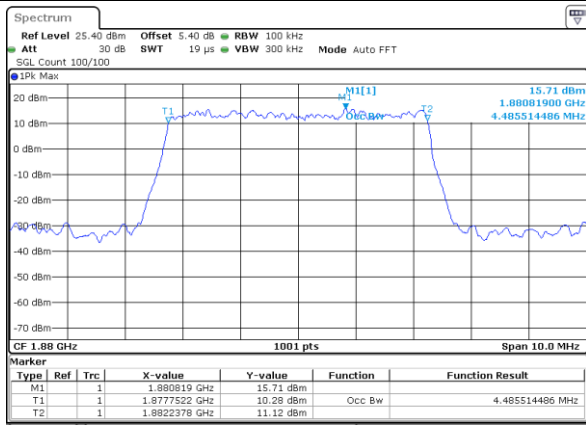
Middle Channel / 3MHz / 16QAM



Date: 19\_MAR\_2025 07:10:121

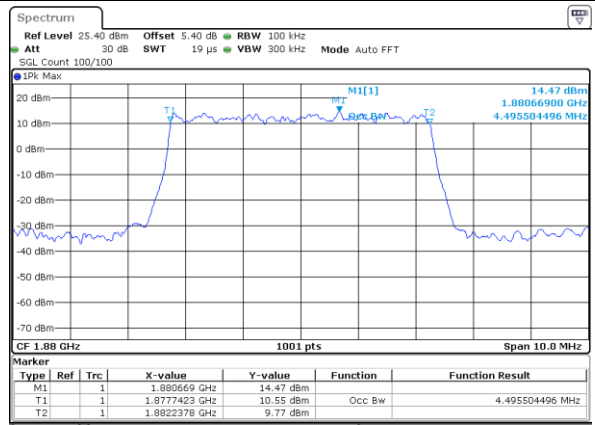
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 19\_MAR\_2025 06:59:55

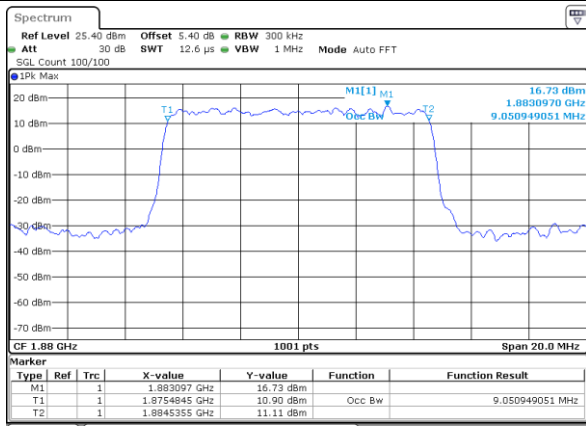
Middle Channel / 5MHz / 16QAM



Date: 19\_MAR\_2025 07:10:159

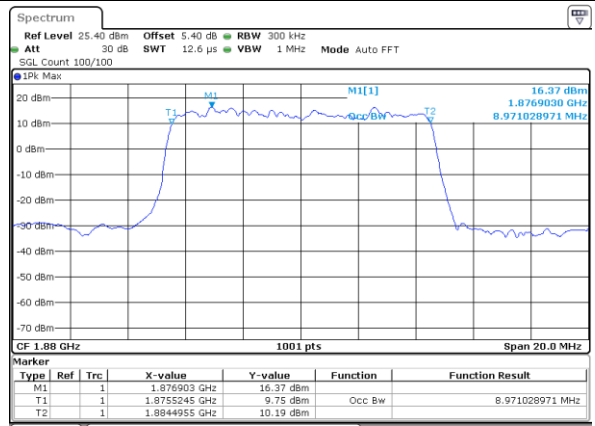
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 19\_MAR\_2025 06:59:33

Middle Channel / 10MHz / 16QAM

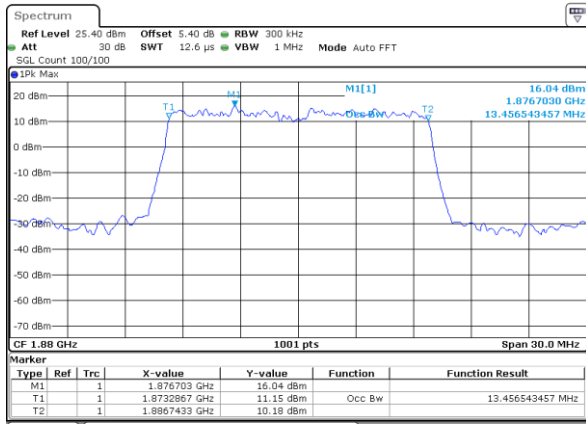


Date: 19\_MAR\_2025 06:58:129



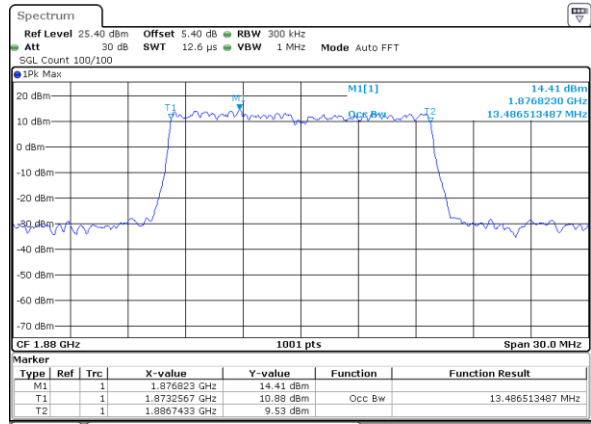
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 19.MAR.2025 06:57:03

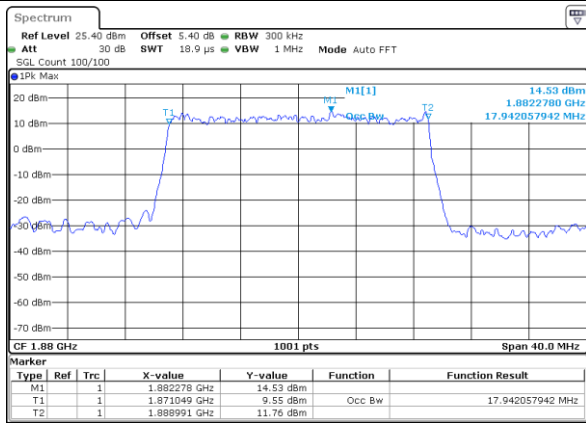
Middle Channel / 15MHz / 16QAM



Date: 19.MAR.2025 06:58:07

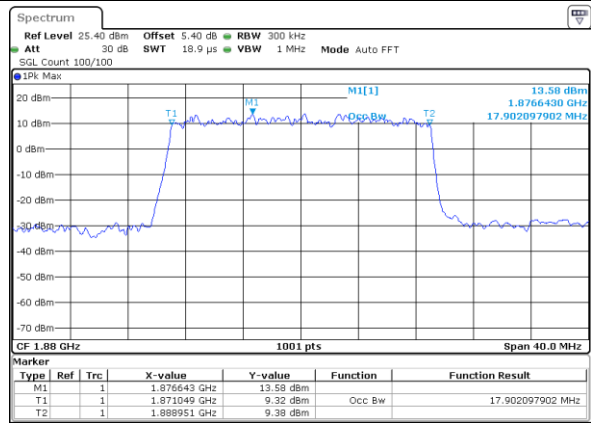
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 19.MAR.2025 06:24:17

Middle Channel / 20MHz / 16QAM



Date: 19.MAR.2025 06:25:21