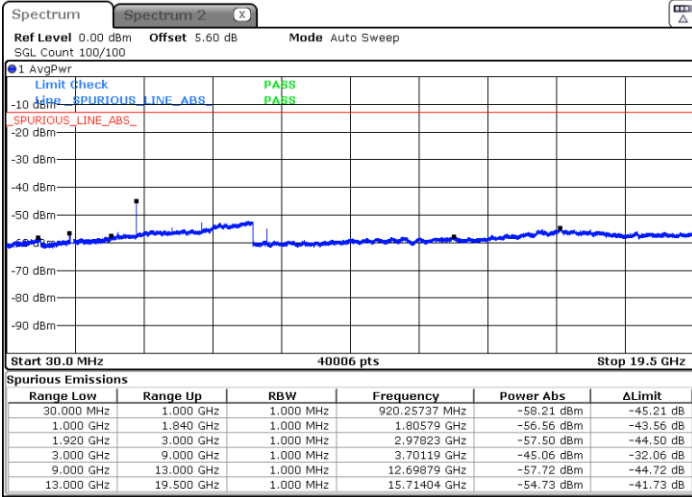




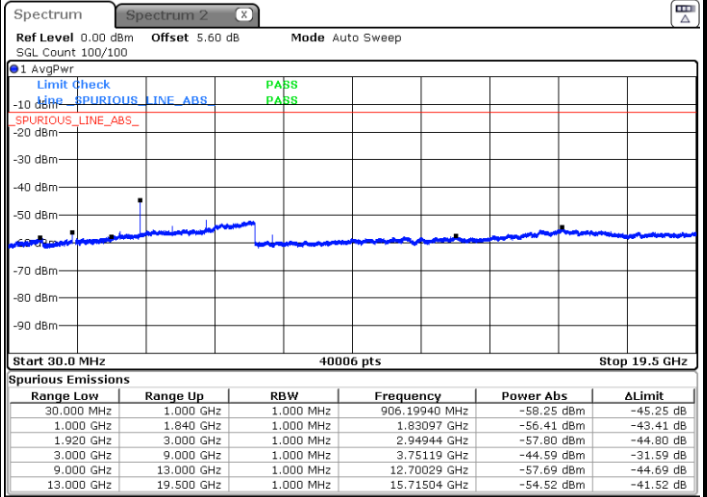
LTE Band 25 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

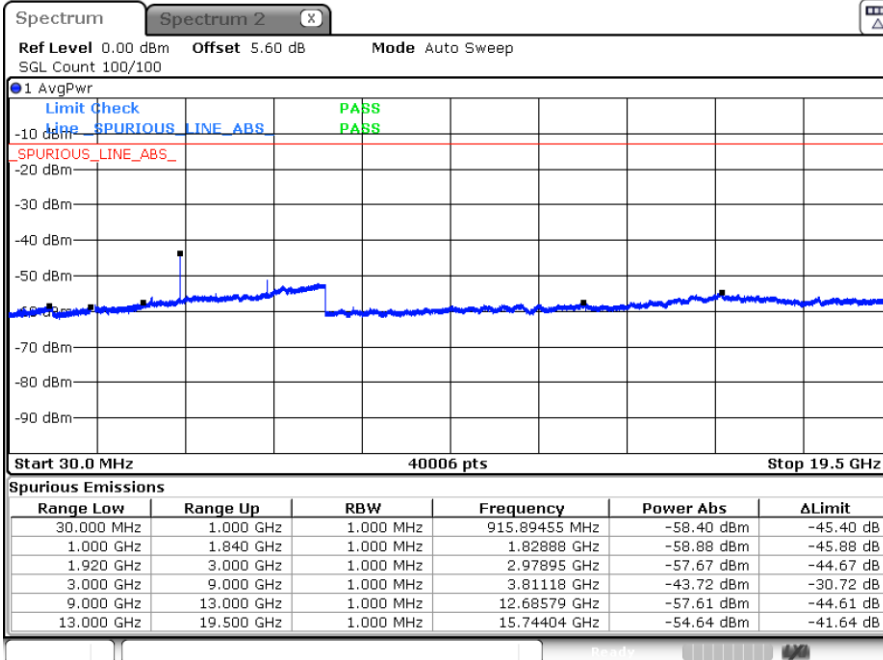


Date: 20.DEC.2024 09:44:23



Date: 20.DEC.2024 09:48:01

Highest Channel / QPSK



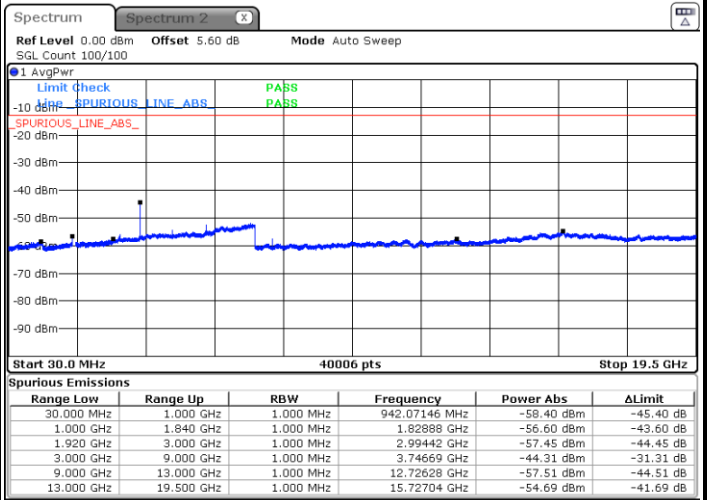
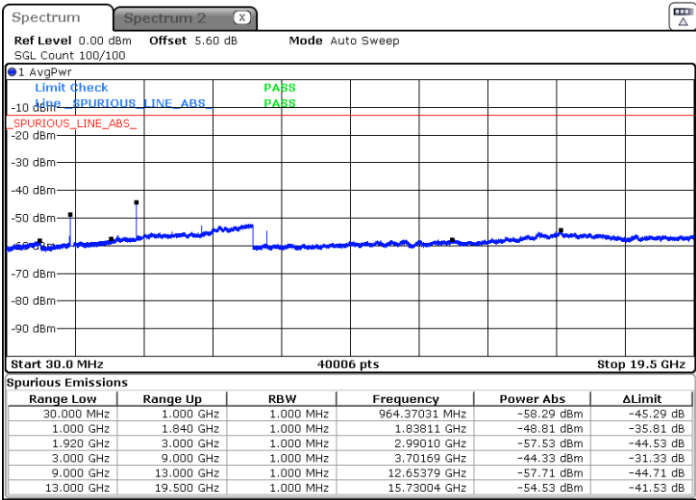
Date: 20.DEC.2024 09:49:24



LTE Band 25 / 15MHz

Lowest Channel / QPSK

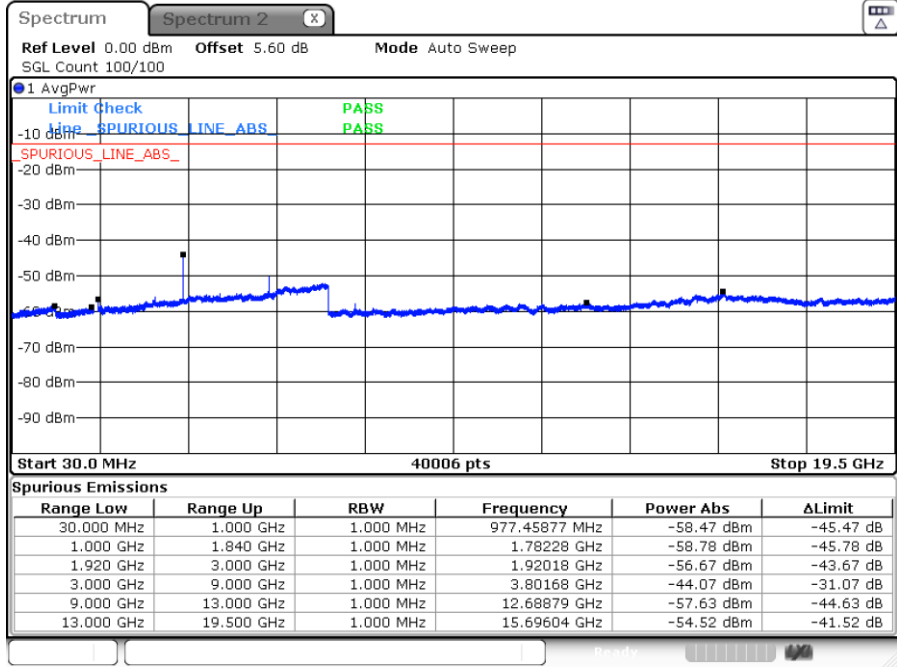
Middle Channel / QPSK



Date: 20.DEC.2024 10:01:00

Date: 20.DEC.2024 10:05:23

Highest Channel / QPSK



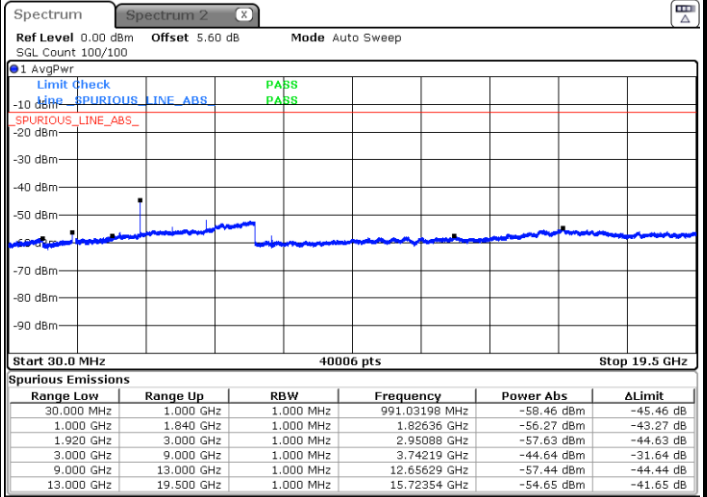
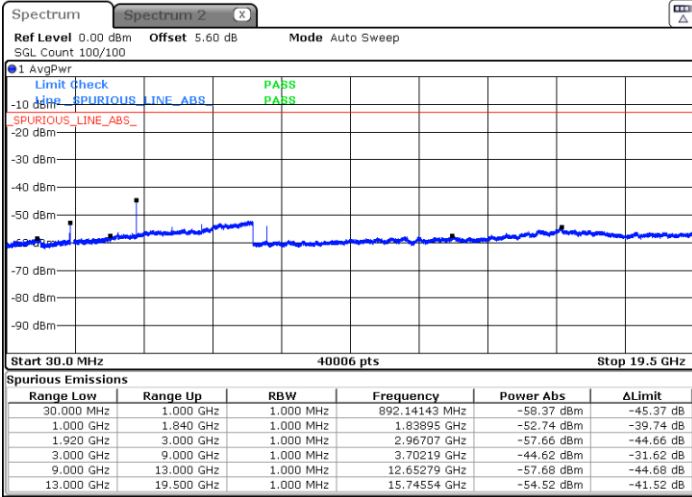
Date: 20.DEC.2024 10:06:46



LTE Band 25 / 20MHz

Lowest Channel / QPSK

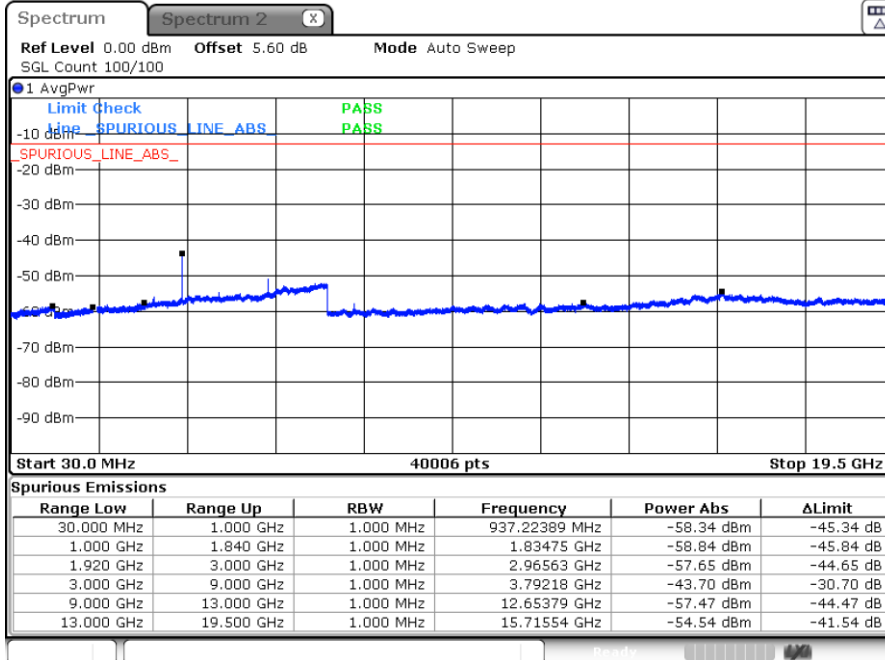
Middle Channel / QPSK



Date: 20.DEC.2024 10:32:14

Date: 20.DEC.2024 10:39:58

Highest Channel / QPSK



Date: 20.DEC.2024 10:42:49



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    | 0.0019                              | PASS    |
| 40               | Normal Voltage    | 0.0021                              |         |
| 30               | Normal Voltage    | 0.0054                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0018                              |         |
| 0                | Normal Voltage    | 0.0055                              |         |
| -10              | Normal Voltage    | 0.0042                              |         |
| -20              | Normal Voltage    | 0.0079                              |         |
| -30              | Normal Voltage    | 0.0061                              |         |
| 20               | Maximum Voltage   | 0.0027                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0017                              |         |

Note:

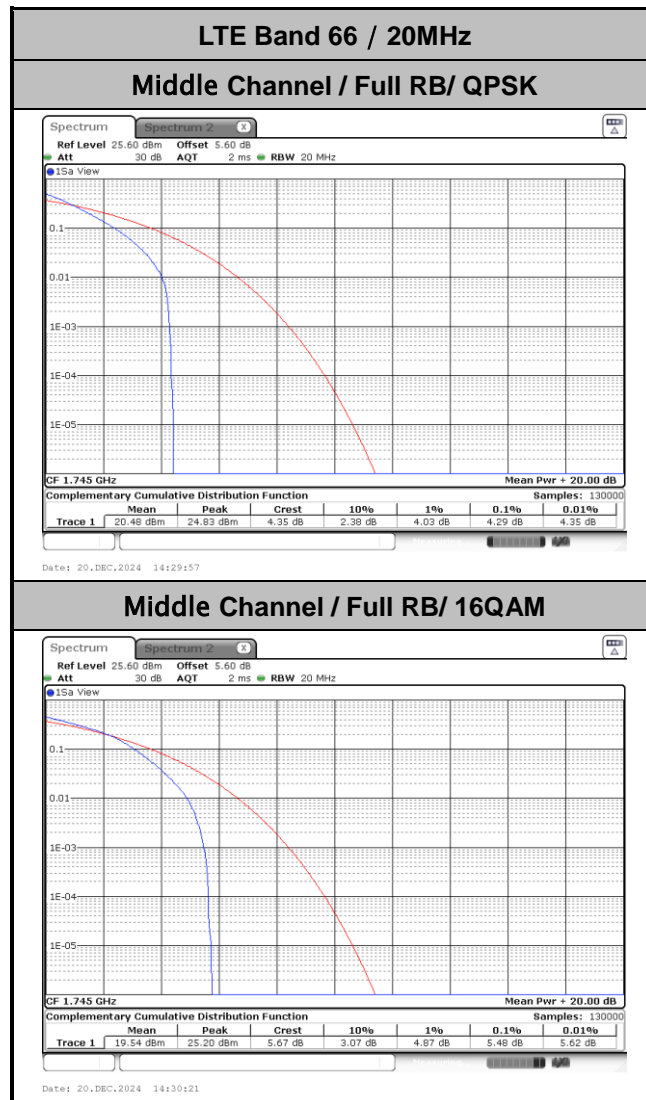
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

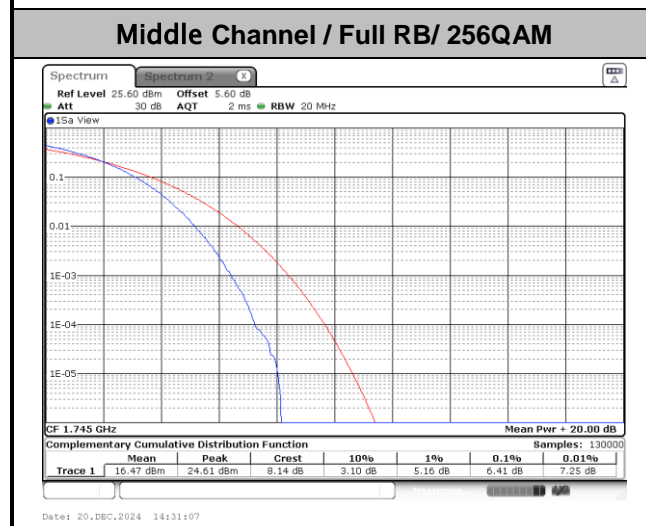
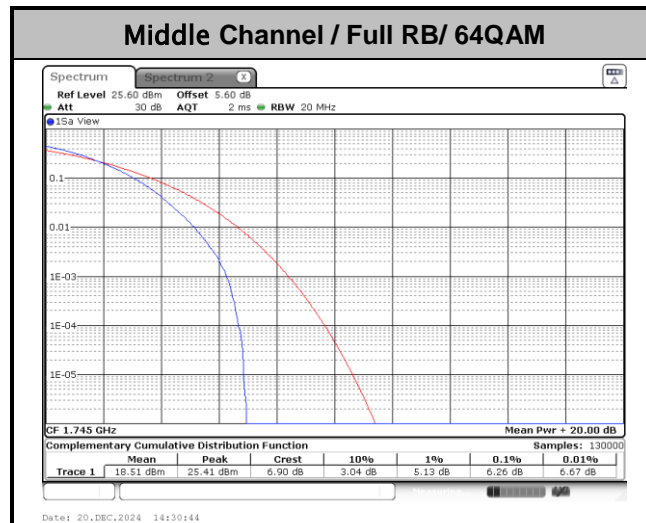


# LTE Band 66(Other PA)

## Peak-to-Average Ratio

| Mode      | LTE Band 66 / 20MHz |         |         |         |             |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | 256QAM  | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Full RB | Result      |
| Middle CH | 4.29                | 5.48    | 6.26    | 6.41    | PASS        |

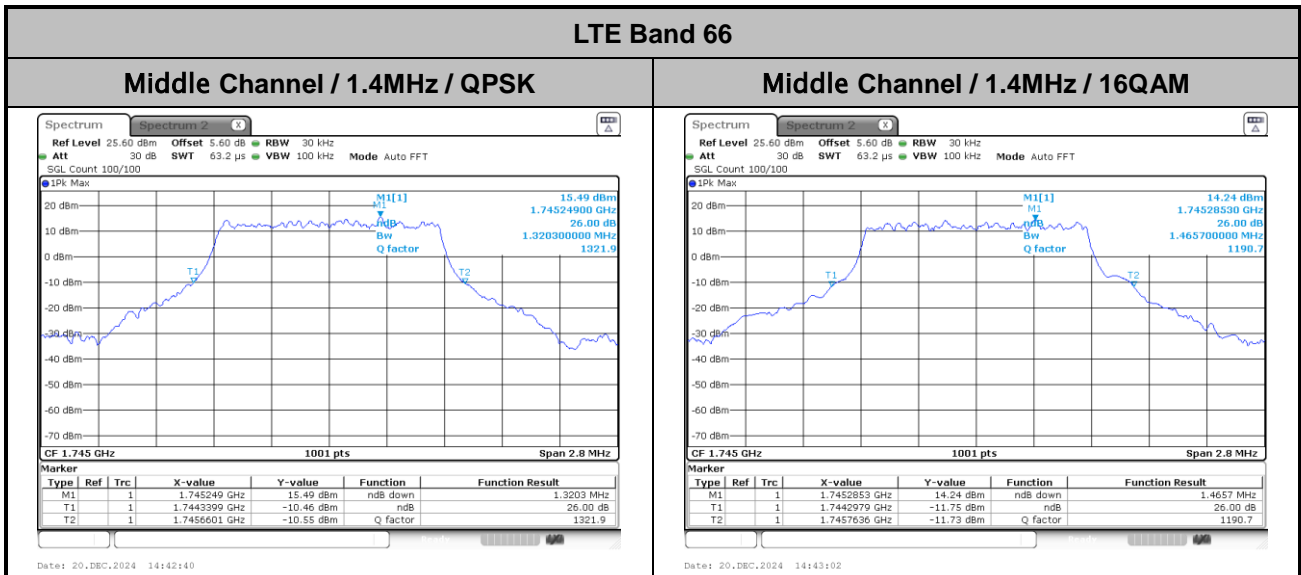






**26dB Bandwidth**

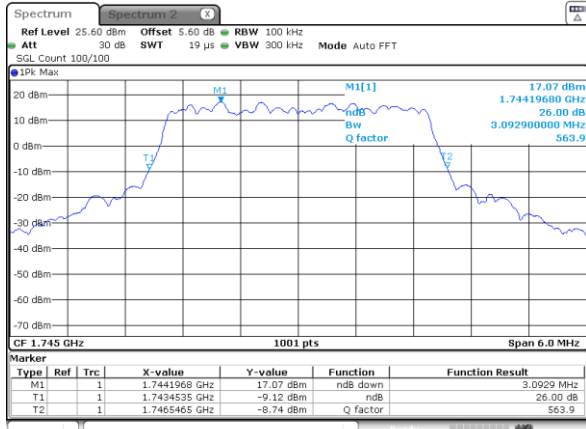
| Mode      | LTE Band 66 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 1.4MHz                     |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 1.32                       | 1.47  |
| BW        | 3MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 3.09                       | 3.01  |
| BW        | 5MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 4.98                       | 5.02  |
| BW        | 10MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 9.99                       | 9.83  |
| BW        | 15MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 14.30                      | 14.60 |
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 19.30                      | 18.86 |





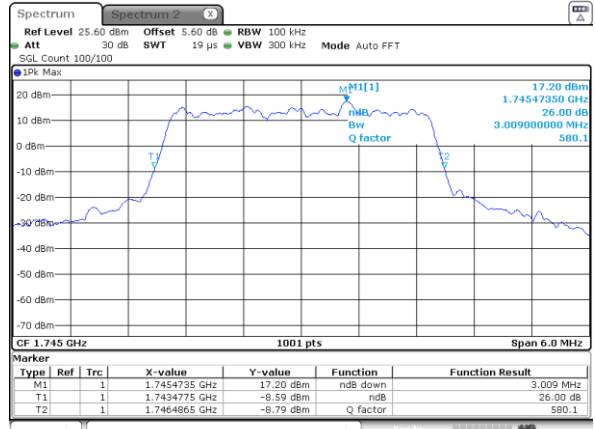
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 20, DEC, 2024 14:41:12

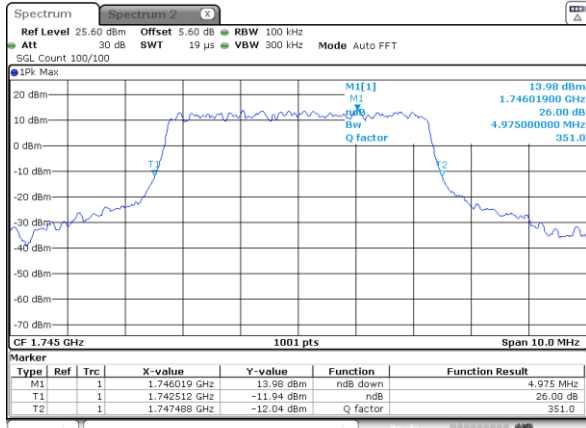
Middle Channel / 3MHz / 16QAM



Date: 20, DEC, 2024 14:41:133

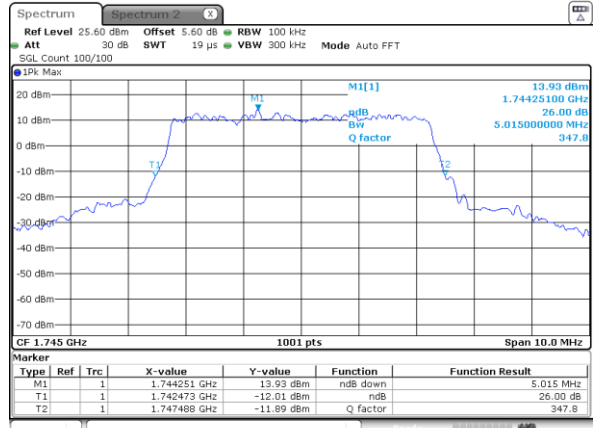
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 20, DEC, 2024 14:39:43

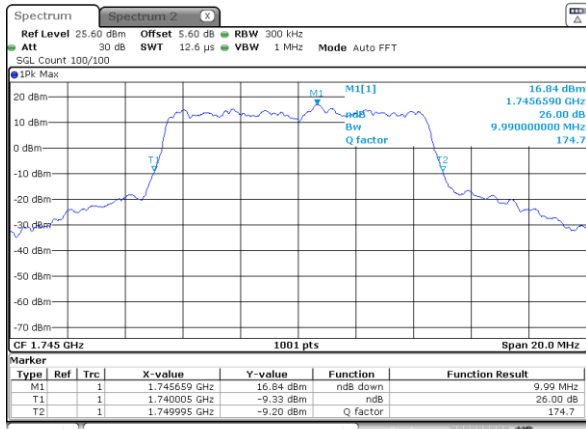
Middle Channel / 5MHz / 16QAM



Date: 20, DEC, 2024 14:40:105

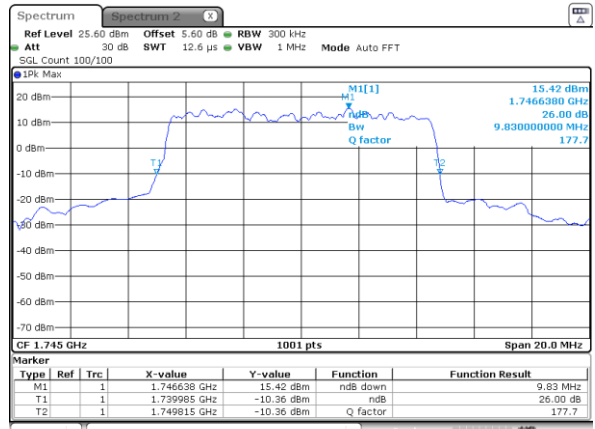
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 20, DEC, 2024 14:138:14

Middle Channel / 10MHz / 16QAM

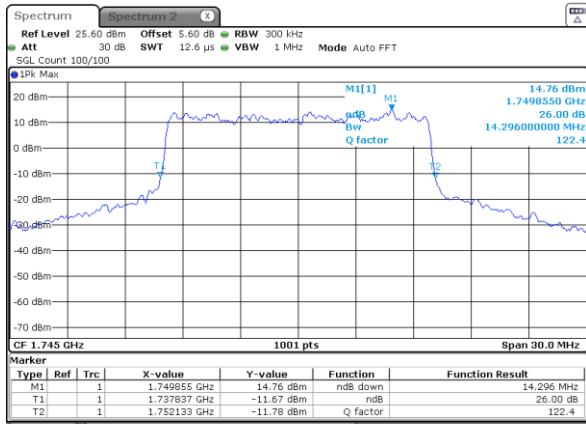


Date: 20, DEC, 2024 14:138:136



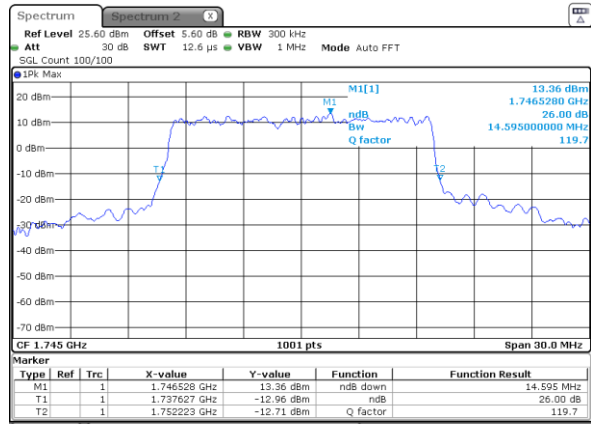
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 20, DEC, 2024 14:33:40

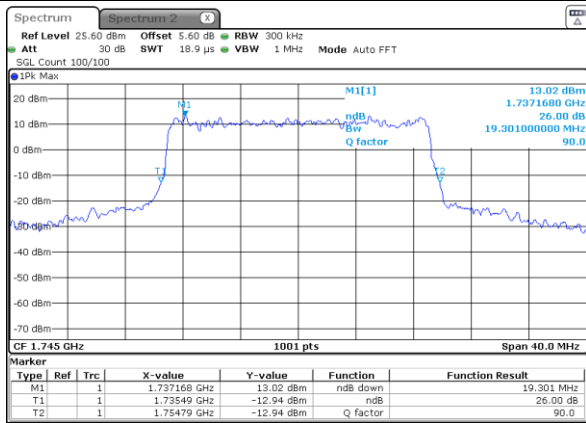
Middle Channel / 15MHz / 16QAM



Date: 20, DEC, 2024 14:34:02

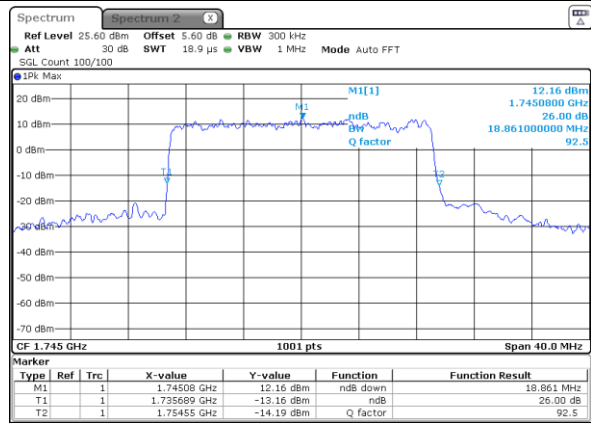
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 20, DEC, 2024 14:29:13

Middle Channel / 20MHz / 16QAM

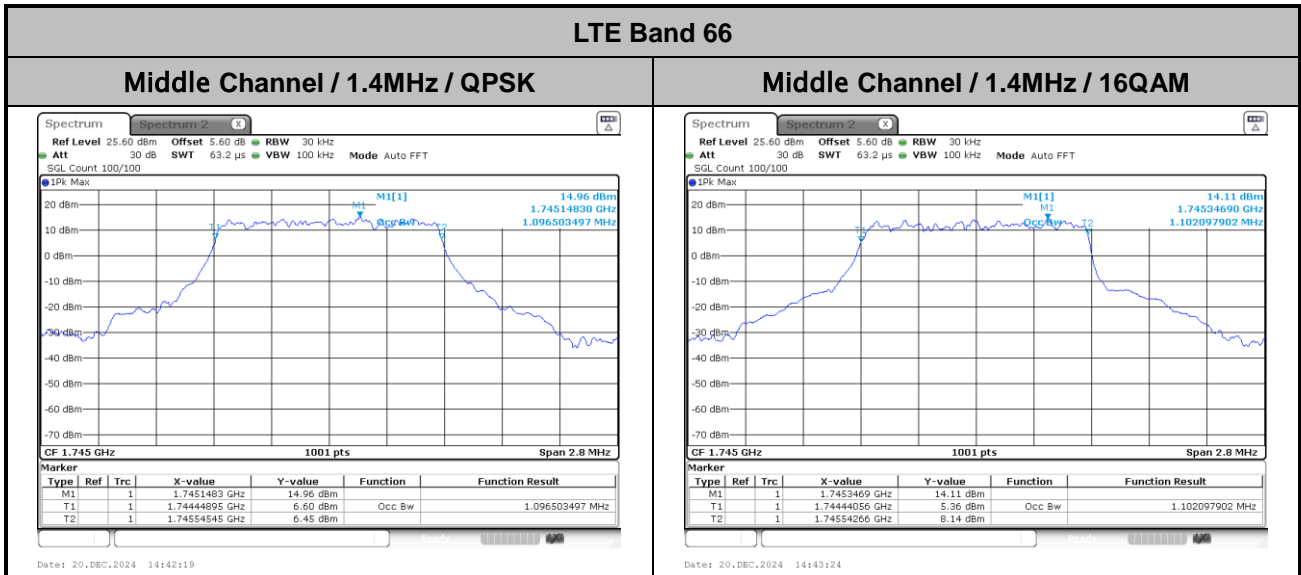


Date: 20, DEC, 2024 14:29:35



## Occupied Bandwidth

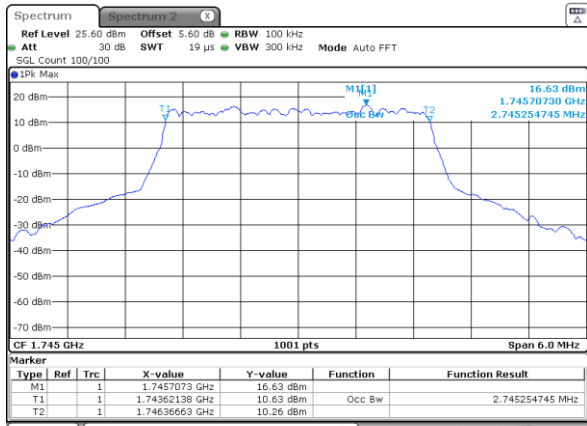
| Mode             | LTE Band 66 : 99%OBW(MHz) |              |
|------------------|---------------------------|--------------|
| <b>BW</b>        | <b>1.4MHz</b>             |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 1.10                      | 1.10         |
| <b>BW</b>        | <b>3MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 2.75                      | 2.72         |
| <b>BW</b>        | <b>5MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 4.51                      | 4.50         |
| <b>BW</b>        | <b>10MHz</b>              |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 9.05                      | 9.05         |
| <b>BW</b>        | <b>15MHz</b>              |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 13.46                     | 13.46        |
| <b>BW</b>        | <b>20MHz</b>              |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 17.90                     | 17.90        |





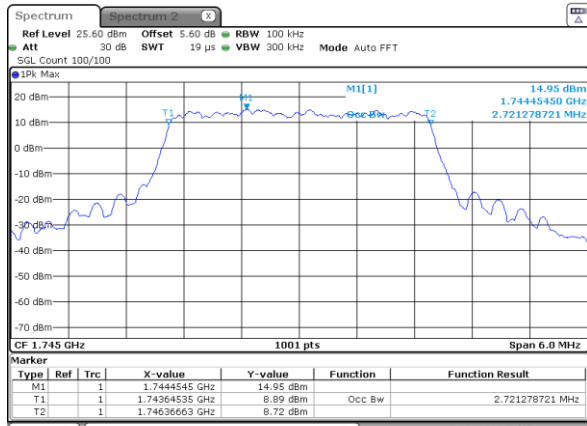
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 20, DEC, 2024 14:40:50

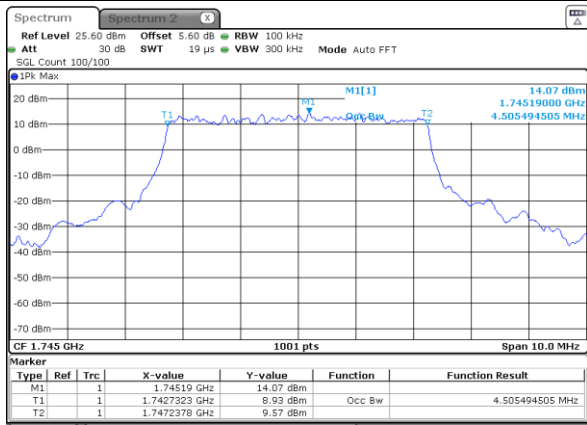
Middle Channel / 3MHz / 16QAM



Date: 20, DEC, 2024 14:41:55

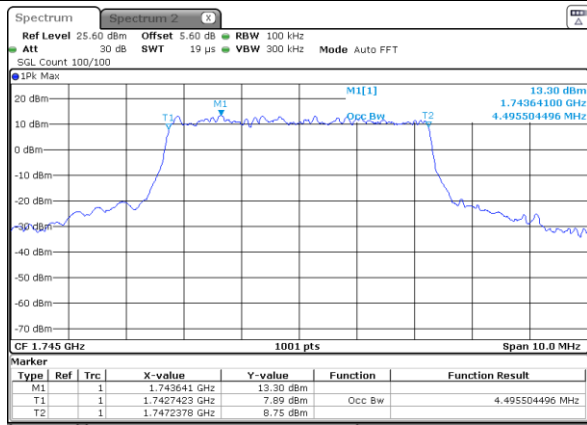
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 20, DEC, 2024 14:39:21

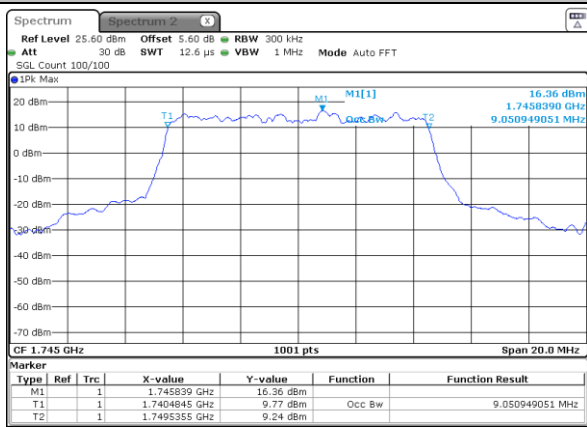
Middle Channel / 5MHz / 16QAM



Date: 20, DEC, 2024 14:40:26

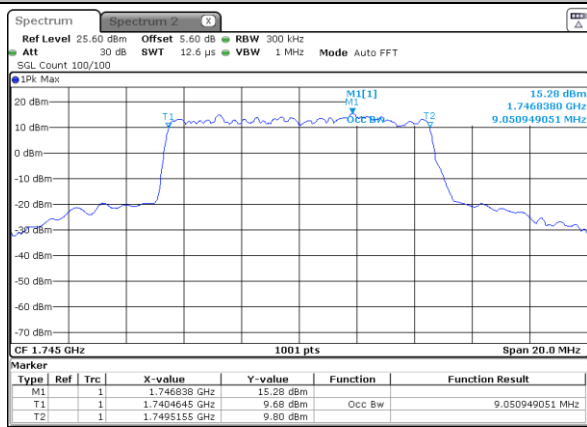
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 20, DEC, 2024 14:34:47

Middle Channel / 10MHz / 16QAM

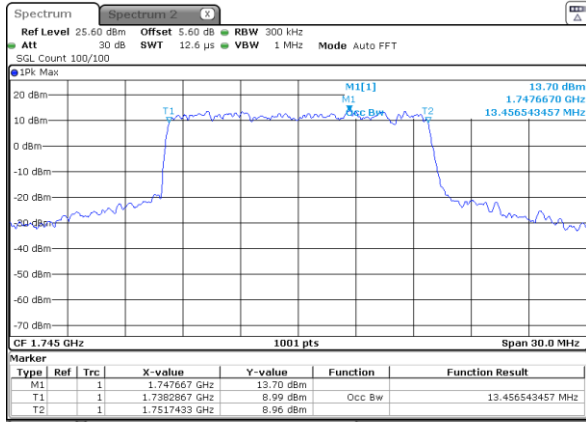


Date: 20, DEC, 2024 14:38:58



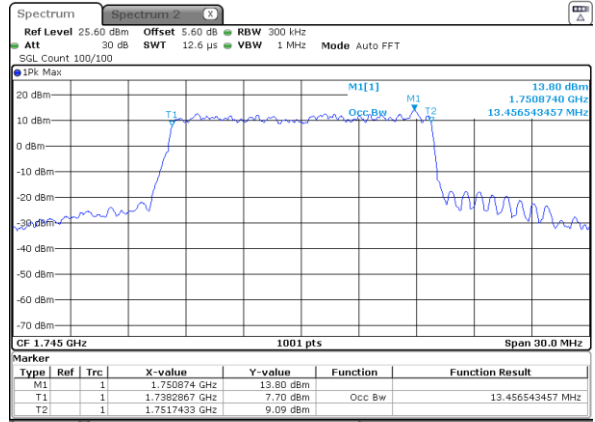
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 20, DEC, 2024 14:33:18

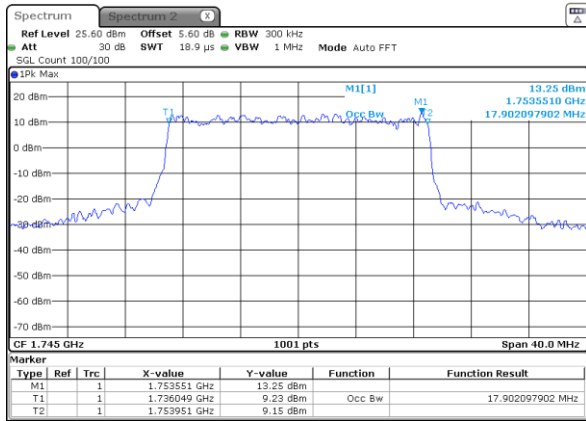
Middle Channel / 15MHz / 16QAM



Date: 20, DEC, 2024 14:34:24

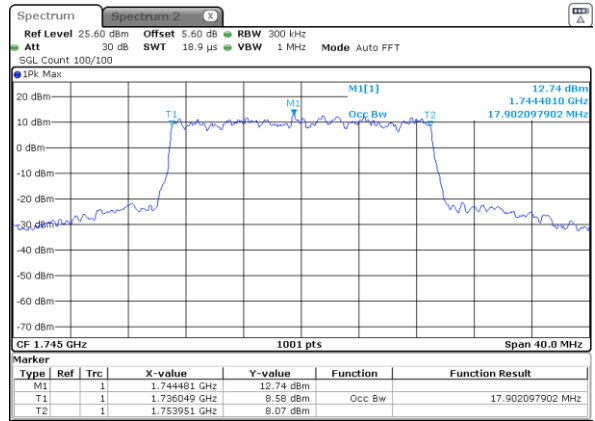
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 20, DEC, 2024 14:28:29

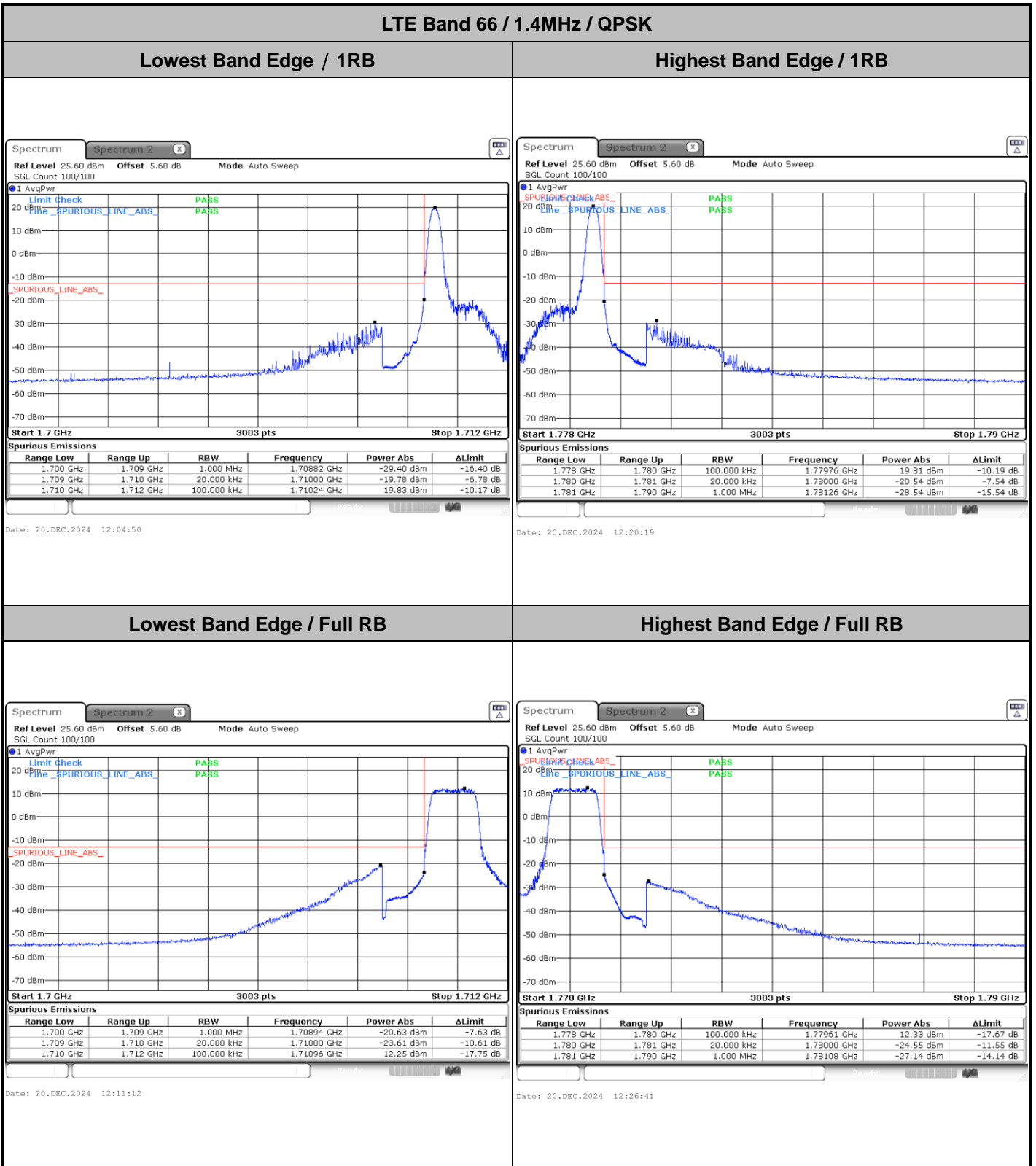
Middle Channel / 20MHz / 16QAM



Date: 20, DEC, 2024 14:28:51



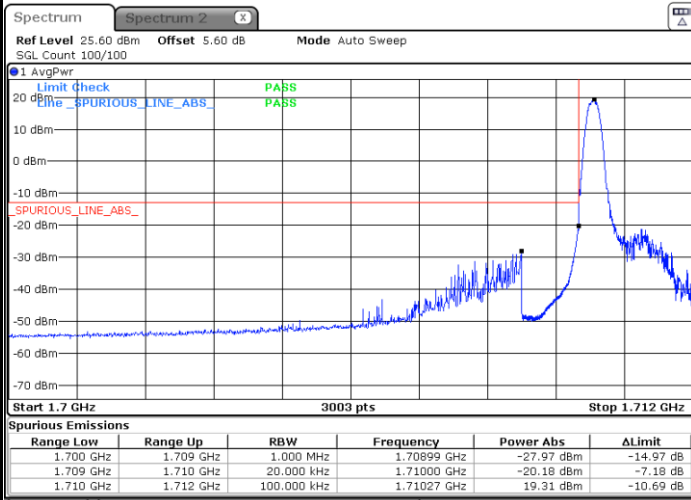
# Conducted Band Edge





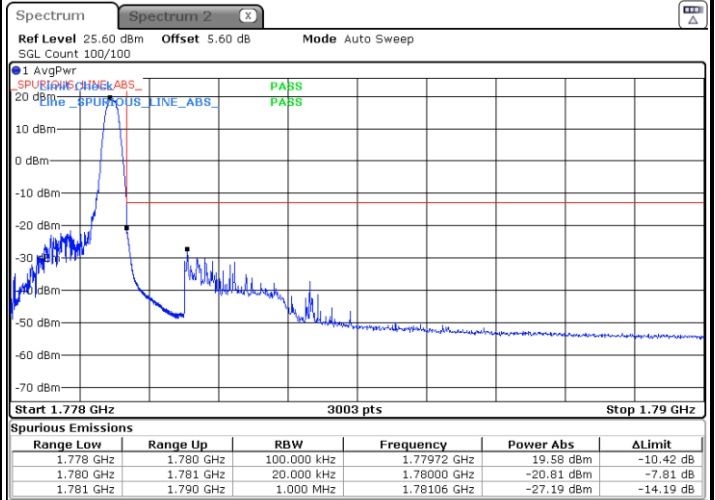
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



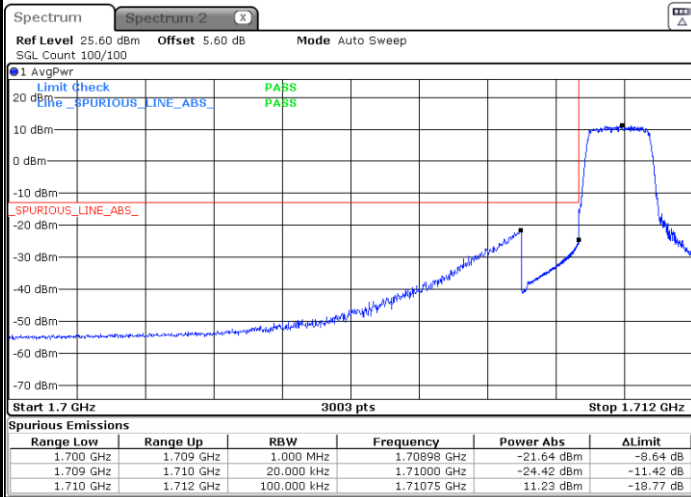
Date: 20.DEC.2024 12:06:25

Highest Band Edge / 1 RB



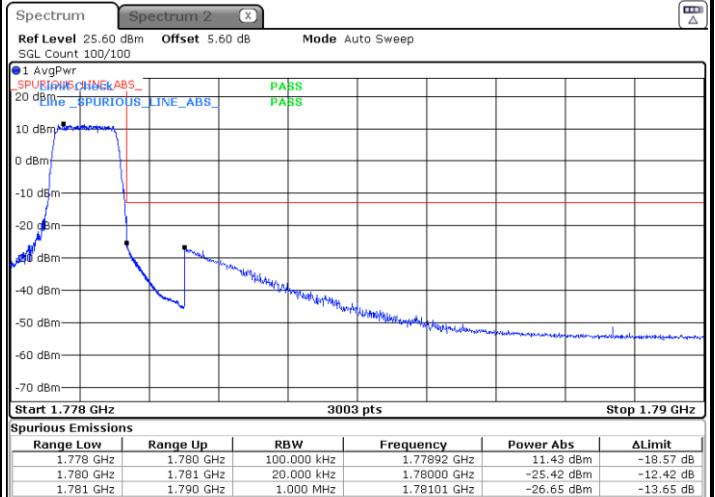
Date: 20.DEC.2024 12:21:54

Lowest Band Edge / Full RB



Date: 20.DEC.2024 12:12:47

Highest Band Edge / Full RB

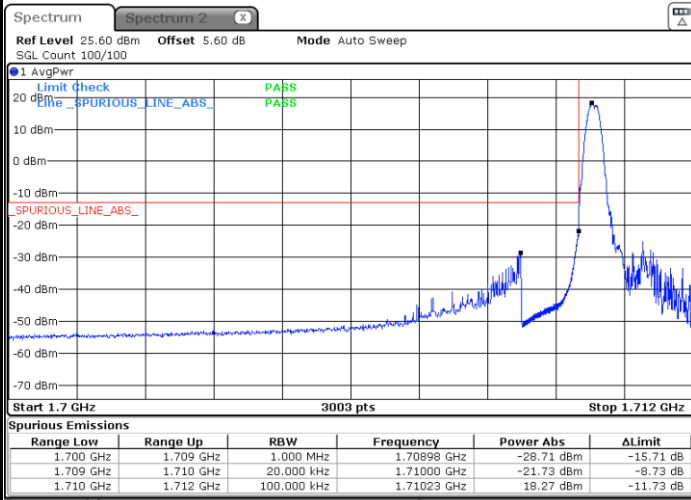


Date: 20.DEC.2024 12:28:16



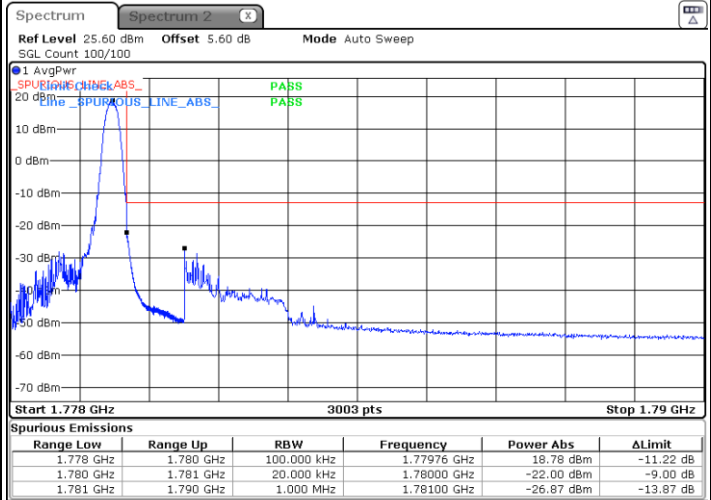
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



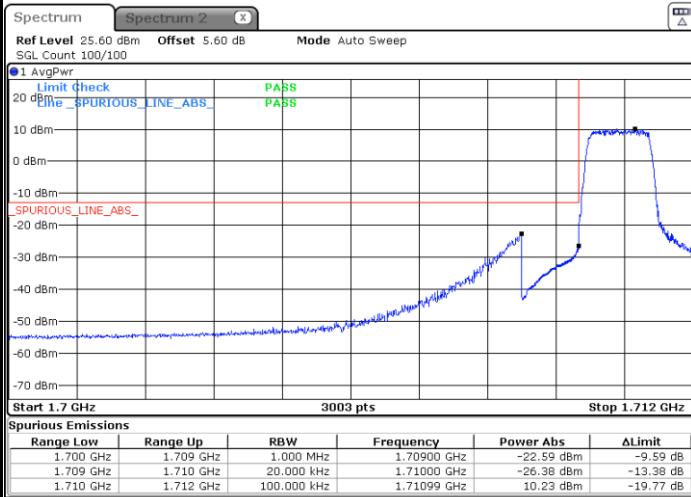
Date: 20.DEC.2024 12:08:01

Highest Band Edge / 1 RB



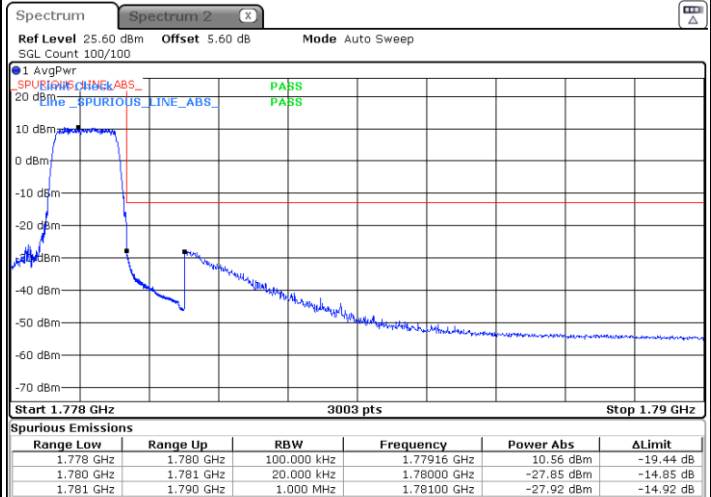
Date: 20.DEC.2024 12:23:30

Lowest Band Edge / Full RB



Date: 20.DEC.2024 12:14:22

Highest Band Edge / Full RB

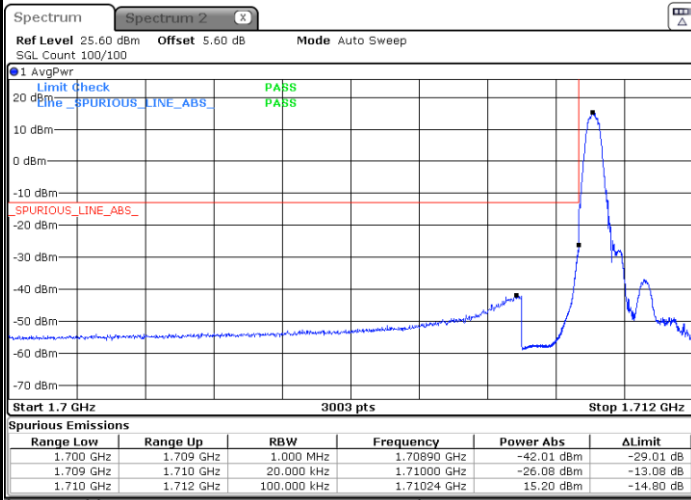


Date: 20.DEC.2024 12:29:51



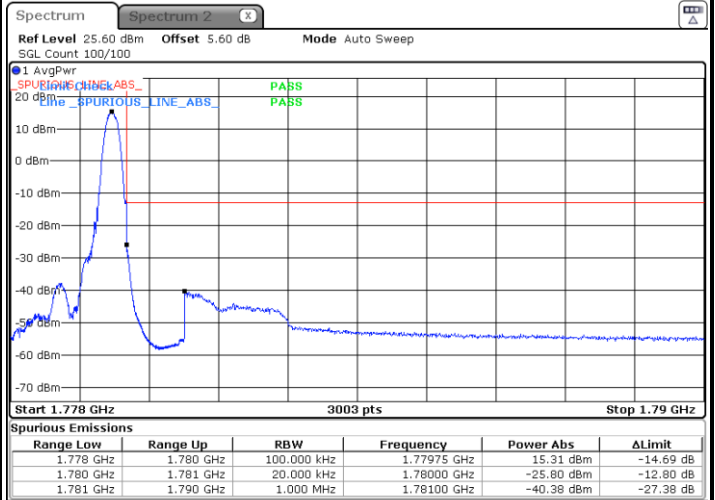
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



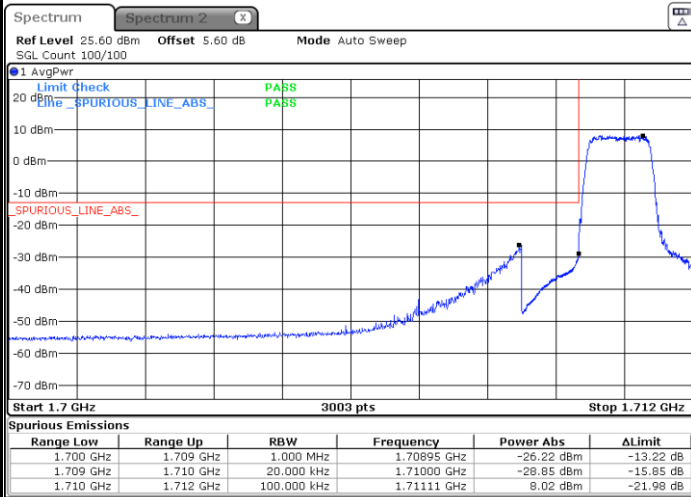
Date: 20.DEC.2024 12:09:36

Highest Band Edge / 1 RB



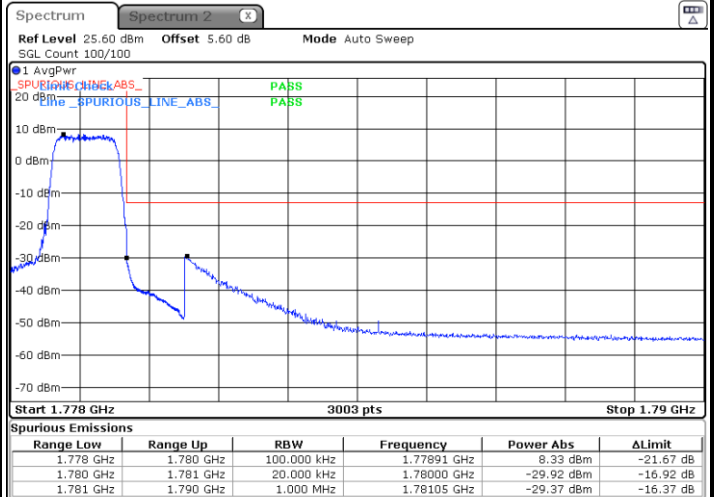
Date: 20.DEC.2024 12:25:05

Lowest Band Edge / Full RB



Date: 20.DEC.2024 12:15:58

Highest Band Edge / Full RB

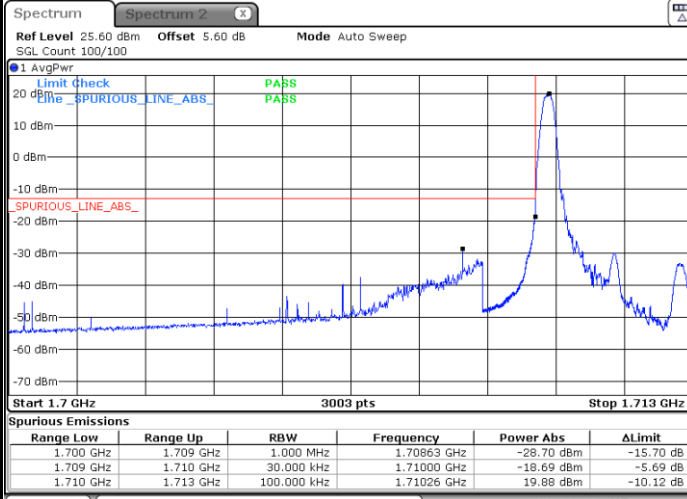


Date: 20.DEC.2024 12:31:27



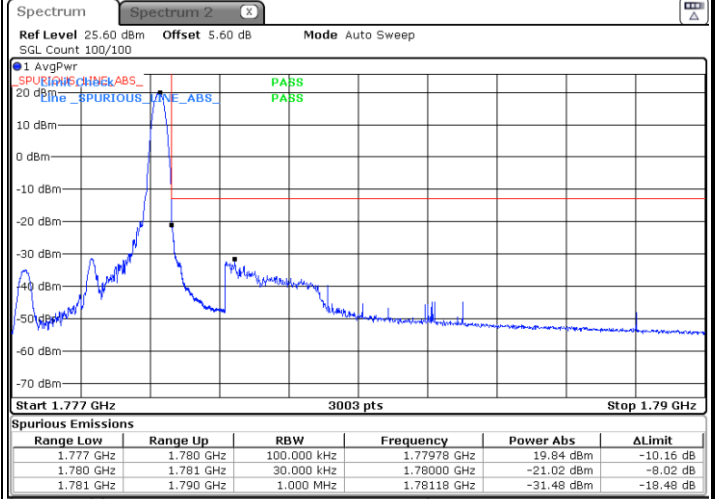
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



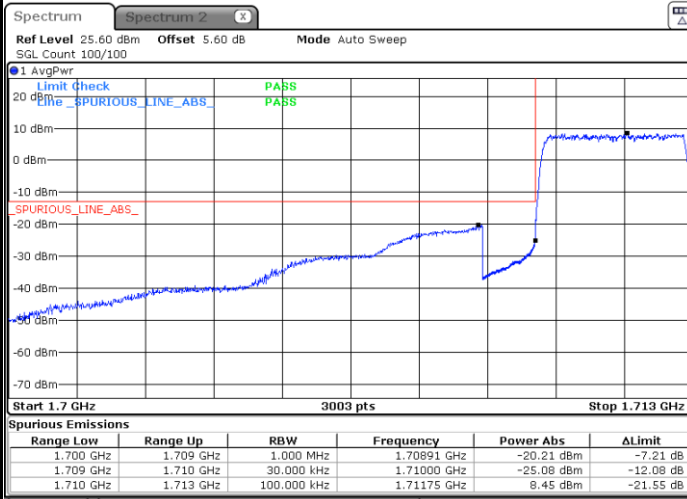
Date: 20.DEC.2024 12:34:55

Highest Band Edge / 1 RB



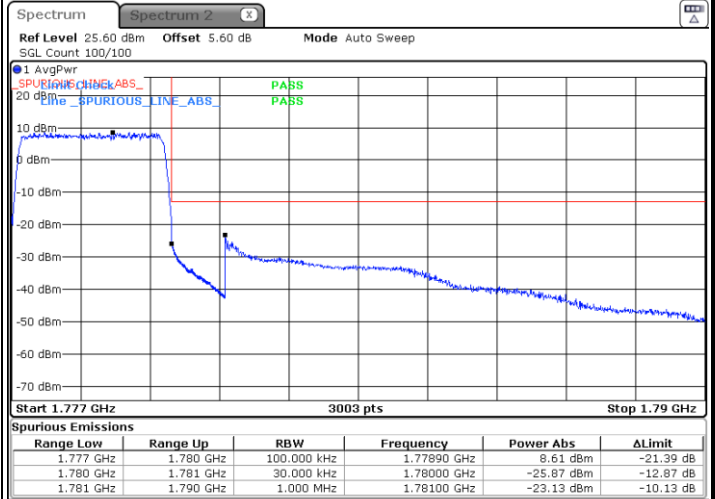
Date: 20.DEC.2024 12:49:03

Lowest Band Edge / Full RB



Date: 20.DEC.2024 12:40:36

Highest Band Edge / Full RB

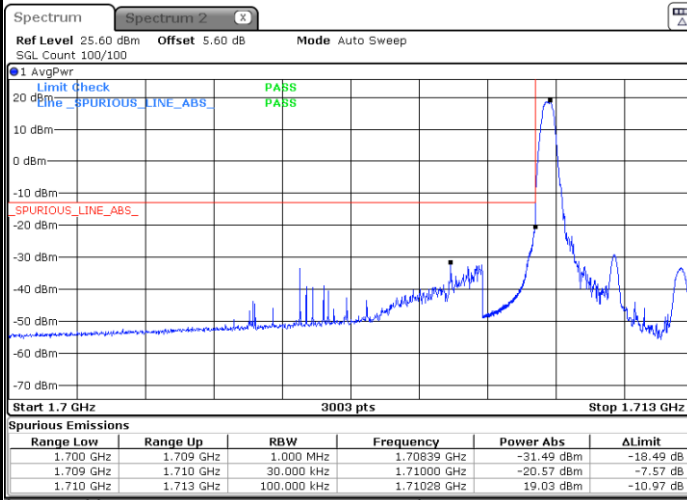


Date: 20.DEC.2024 12:54:45

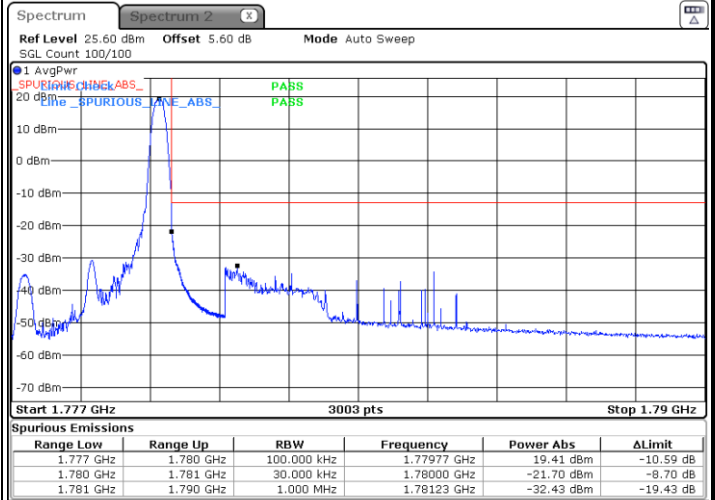


LTE Band 66 / 3MHz / 16QAM

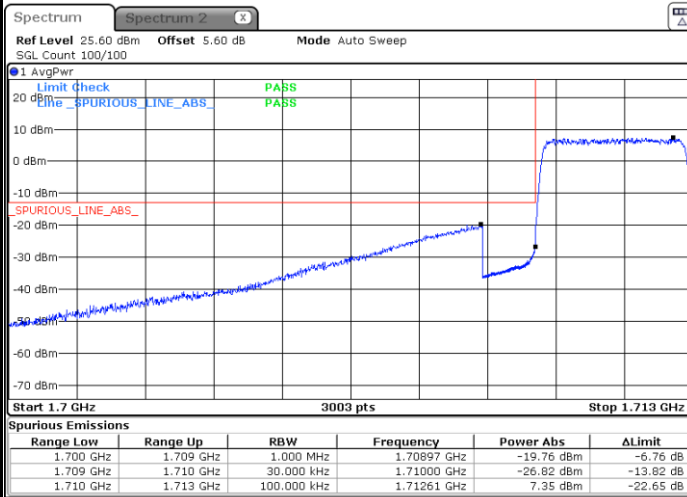
Lowest Band Edge / 1 RB



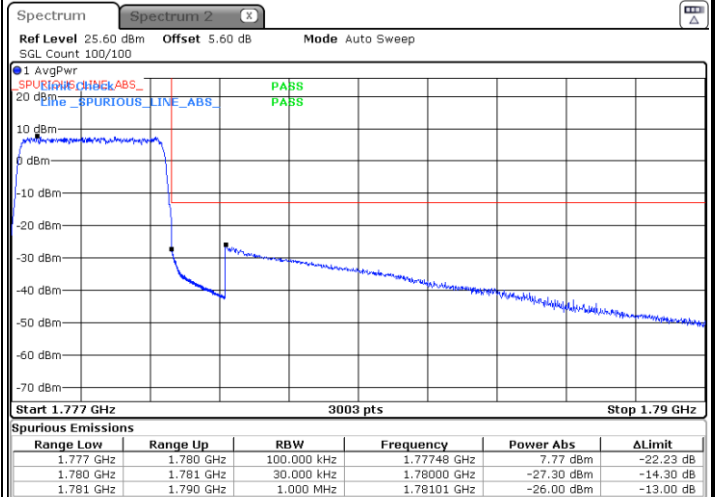
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



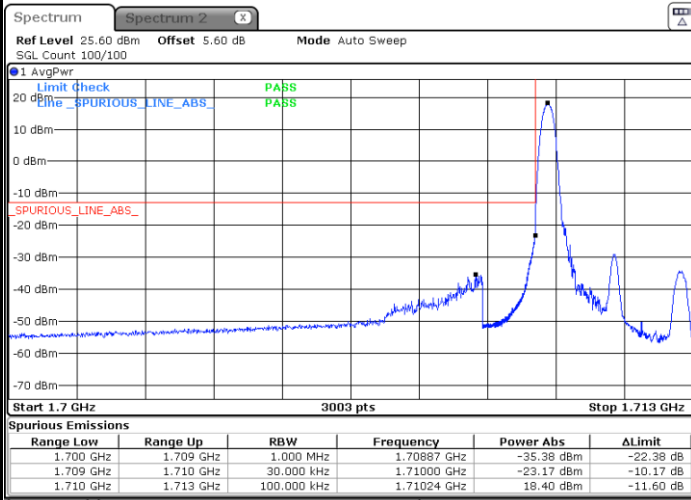
Highest Band Edge / Full RB





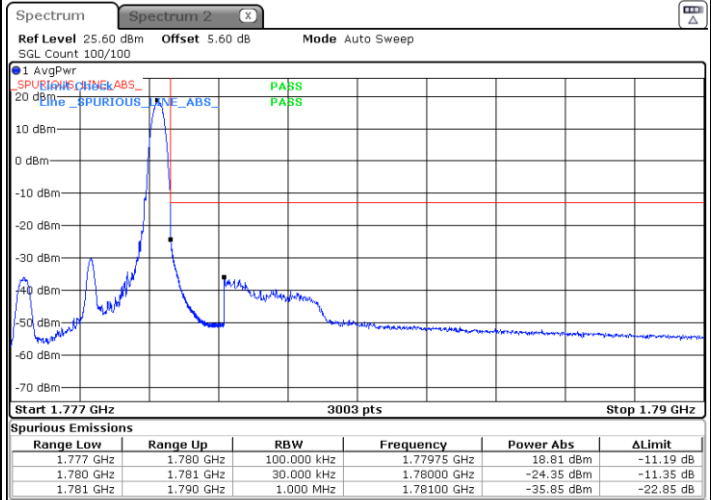
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



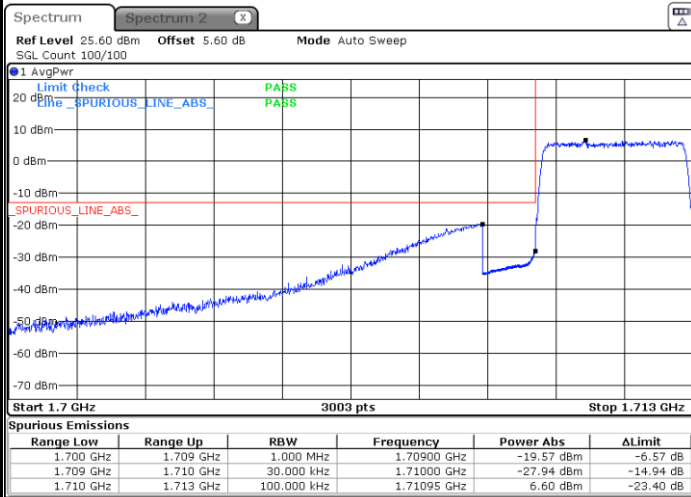
Date: 20.DEC.2024 12:37:45

Highest Band Edge / 1 RB



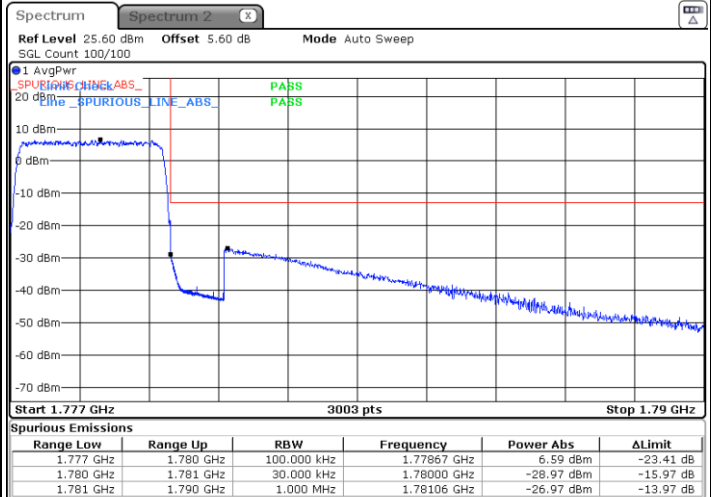
Date: 20.DEC.2024 12:51:54

Lowest Band Edge / Full RB



Date: 20.DEC.2024 12:43:27

Highest Band Edge / Full RB

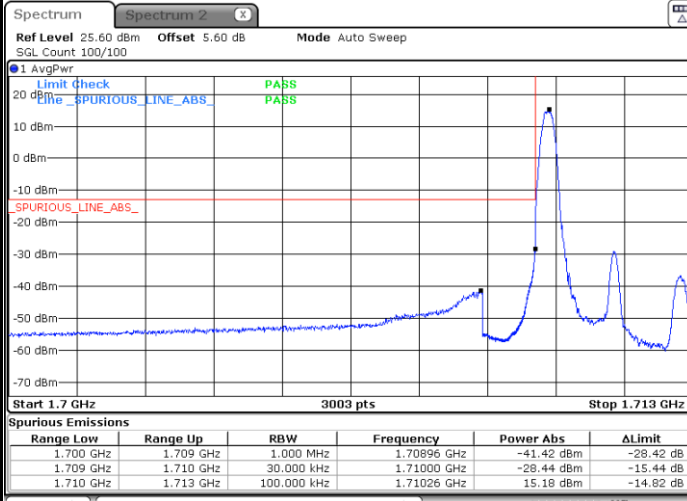


Date: 20.DEC.2024 12:57:35



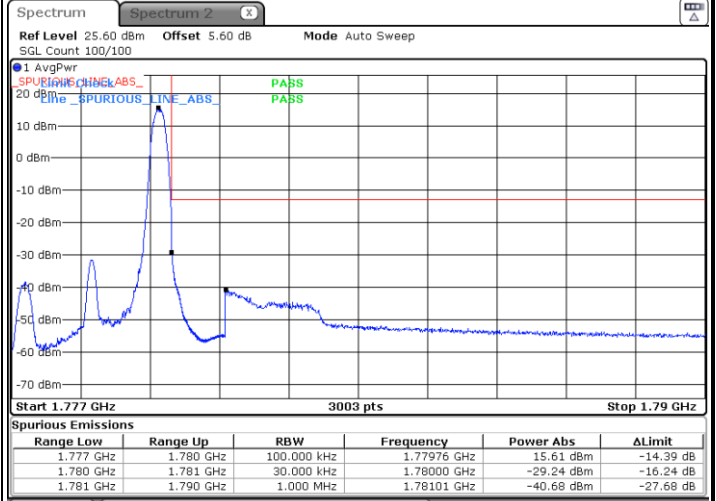
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



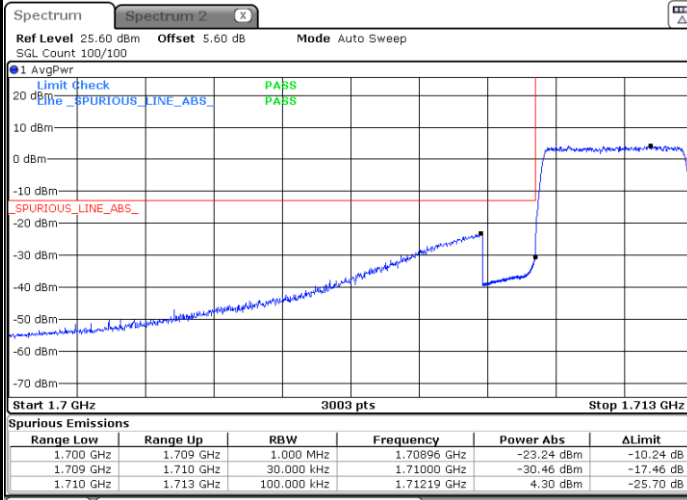
Date: 20.DEC.2024 12:39:11

Highest Band Edge / 1 RB



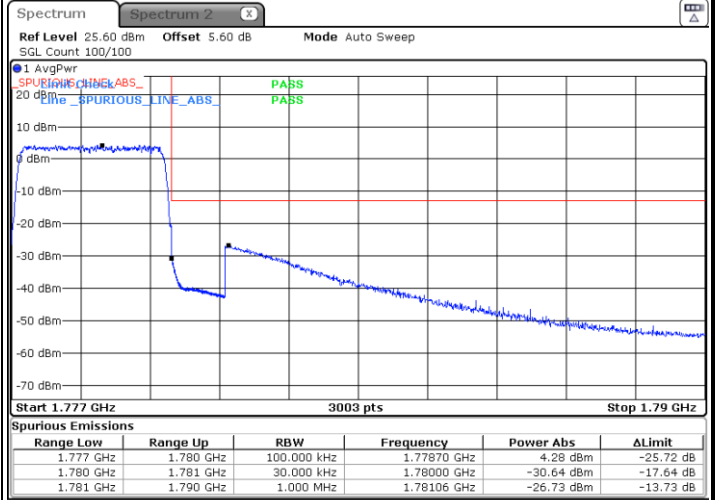
Date: 20.DEC.2024 12:53:19

Lowest Band Edge / Full RB



Date: 20.DEC.2024 12:44:52

Highest Band Edge / Full RB

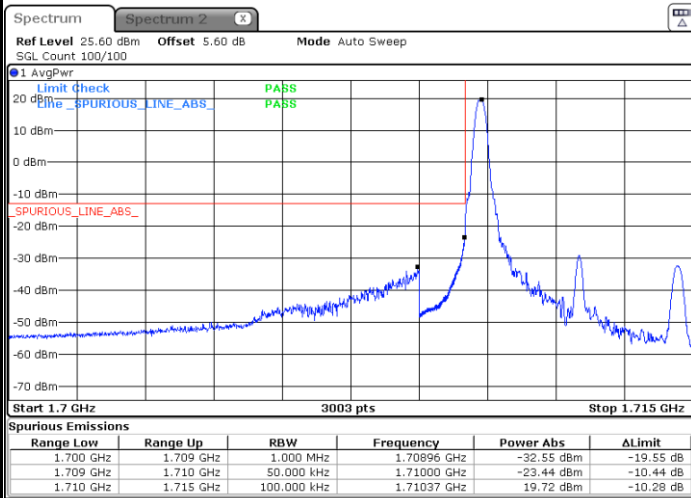


Date: 20.DEC.2024 12:59:00



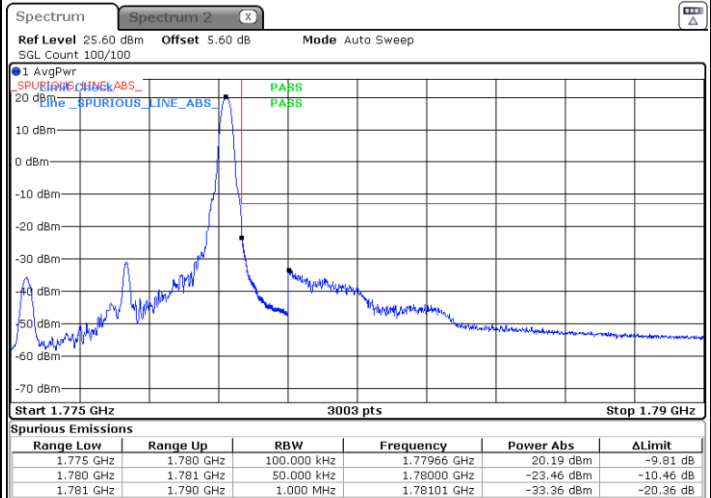
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



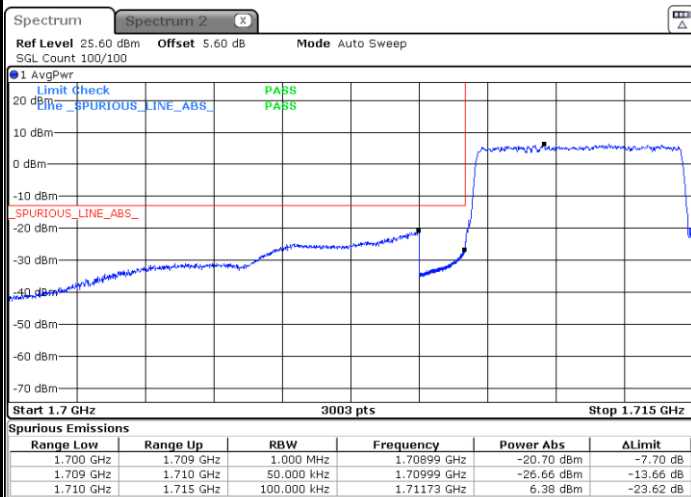
Date: 20.DEC.2024 13:03:55

Highest Band Edge / 1 RB



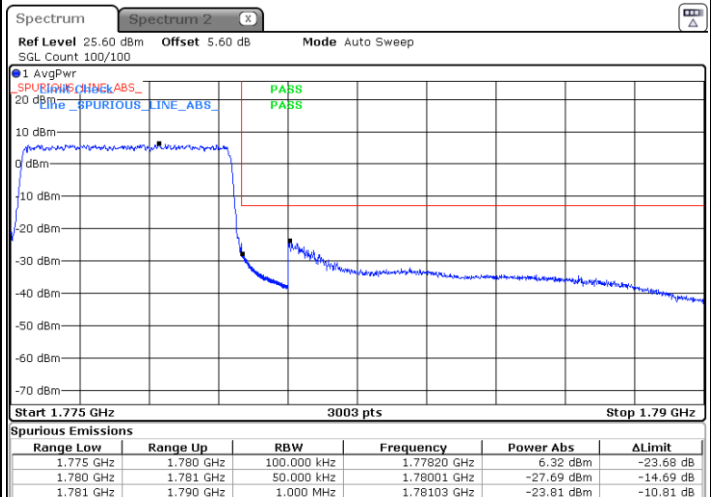
Date: 20.DEC.2024 13:13:21

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:07:36

Highest Band Edge / Full RB

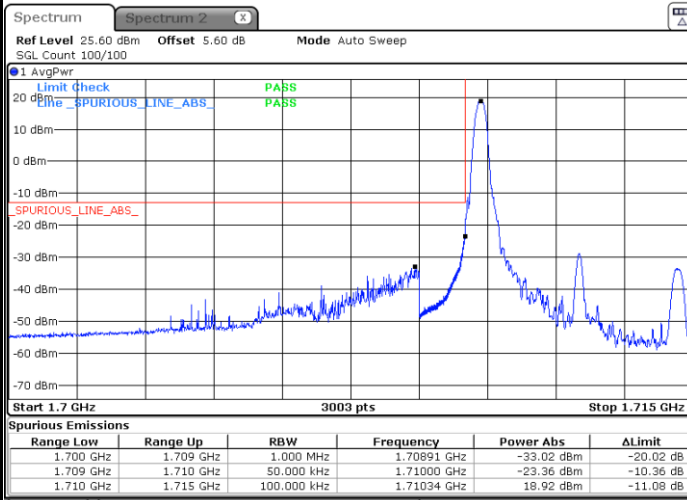


Date: 20.DEC.2024 13:16:21



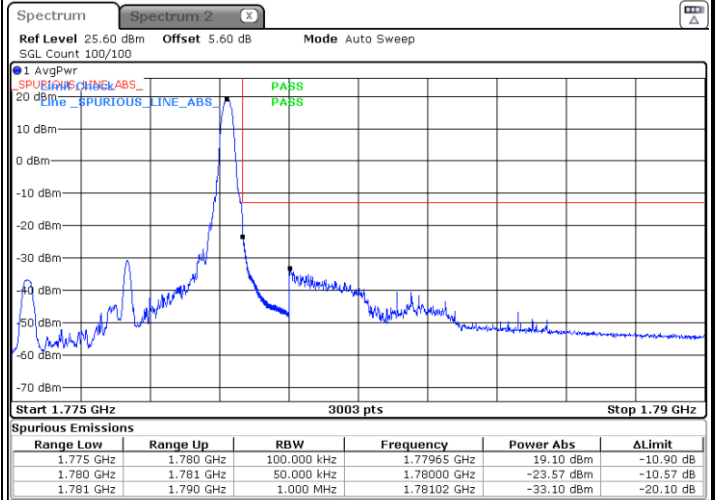
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



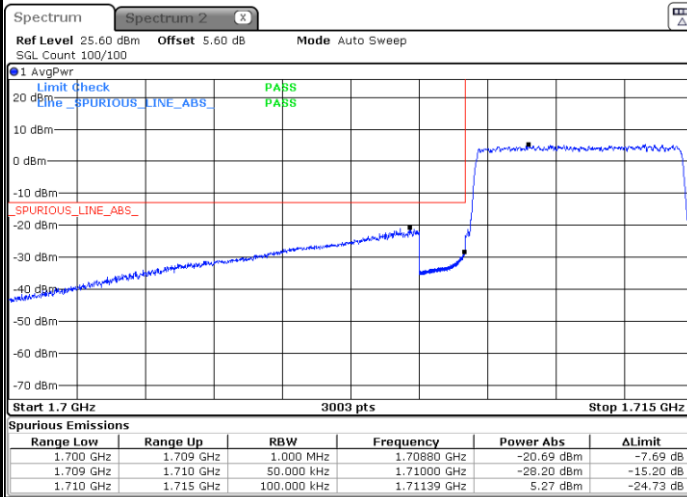
Date: 20.DEC.2024 13:05:21

Highest Band Edge / 1 RB



Date: 20.DEC.2024 13:14:06

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:08:20

Highest Band Edge / Full RB

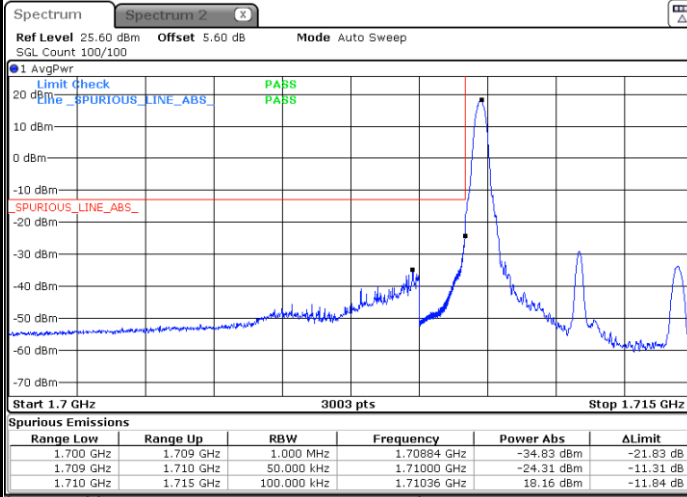


Date: 20.DEC.2024 13:17:06



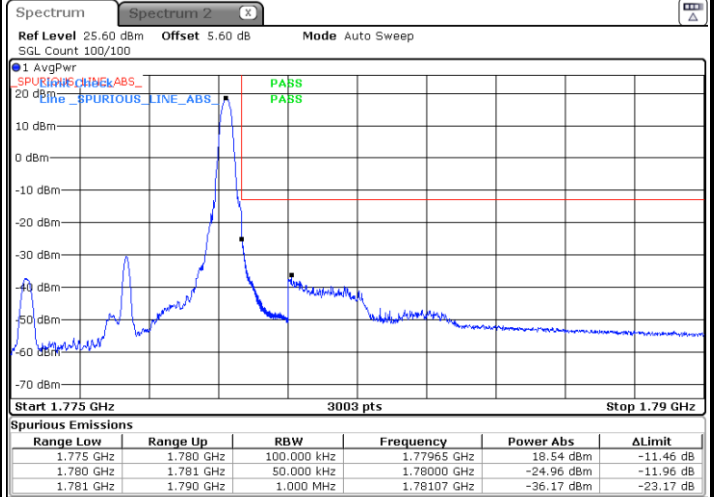
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



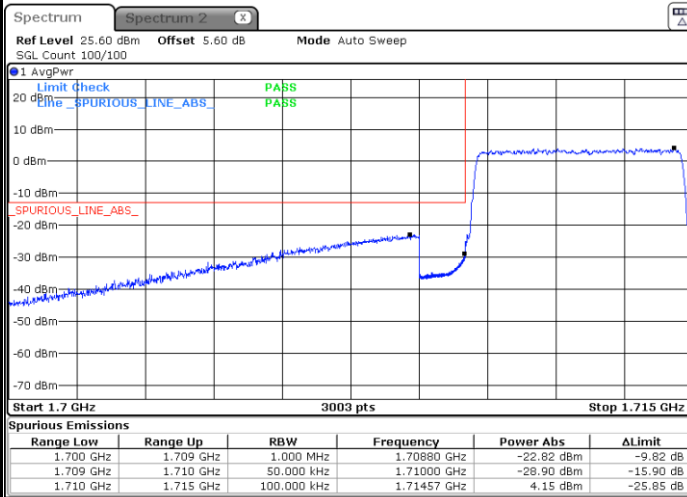
Date: 20.DEC.2024 13:06:06

Highest Band Edge / 1 RB



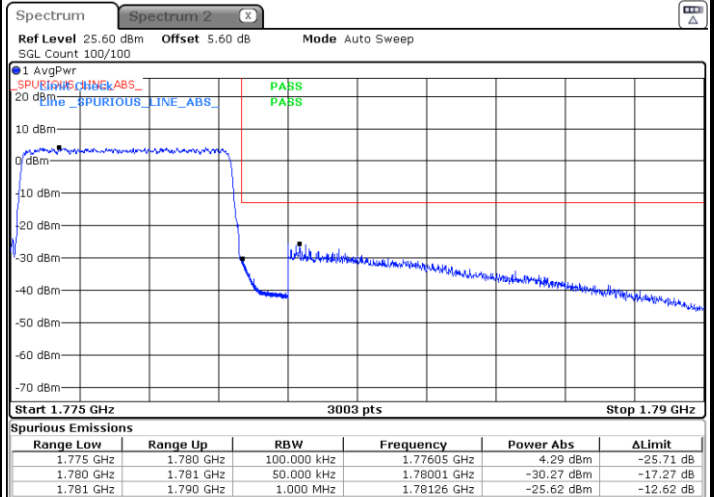
Date: 20.DEC.2024 13:14:51

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:09:05

Highest Band Edge / Full RB

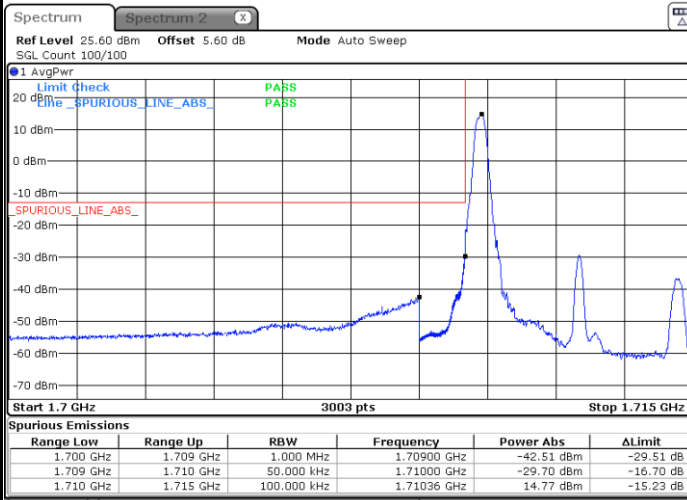


Date: 20.DEC.2024 13:17:51



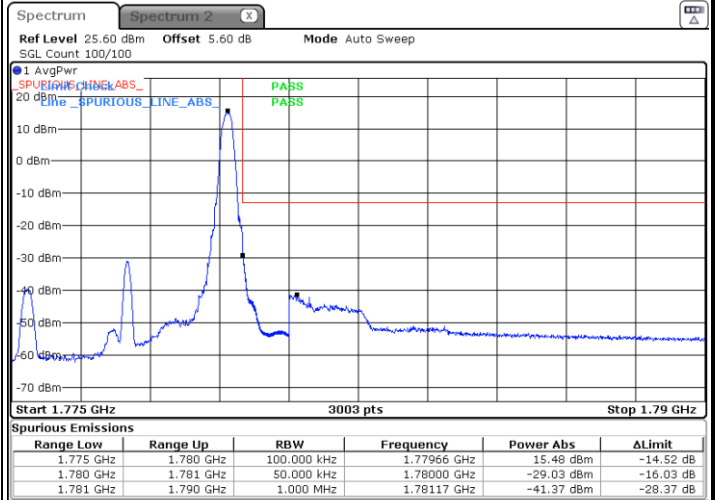
LTE Band 66 / 5MHz /256QAM

Lowest Band Edge / 1RB



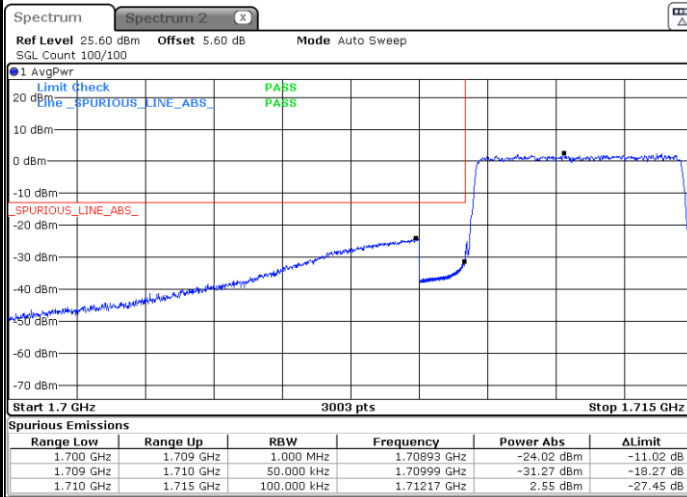
Date: 20.DEC.2024 13:06:51

Highest Band Edge / 1 RB



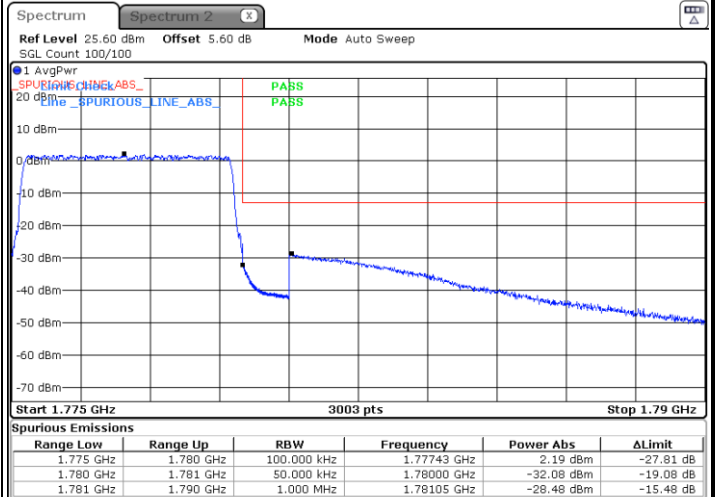
Date: 20.DEC.2024 13:15:36

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:09:50

Highest Band Edge / Full RB

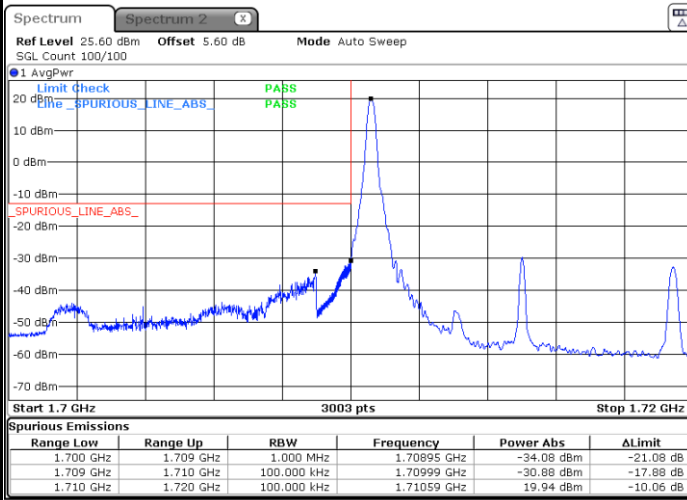


Date: 20.DEC.2024 13:18:36



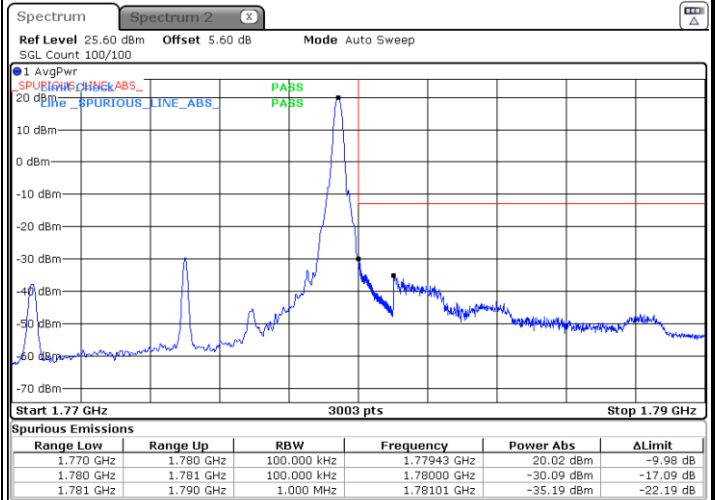
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



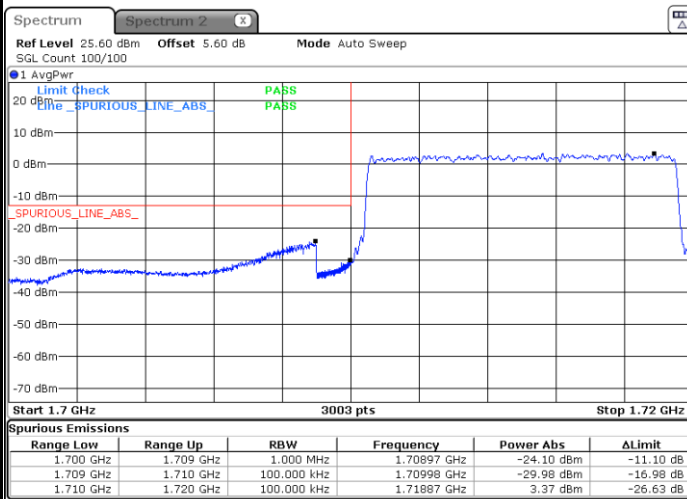
Date: 20.DEC.2024 13:25:33

Highest Band Edge / 1 RB



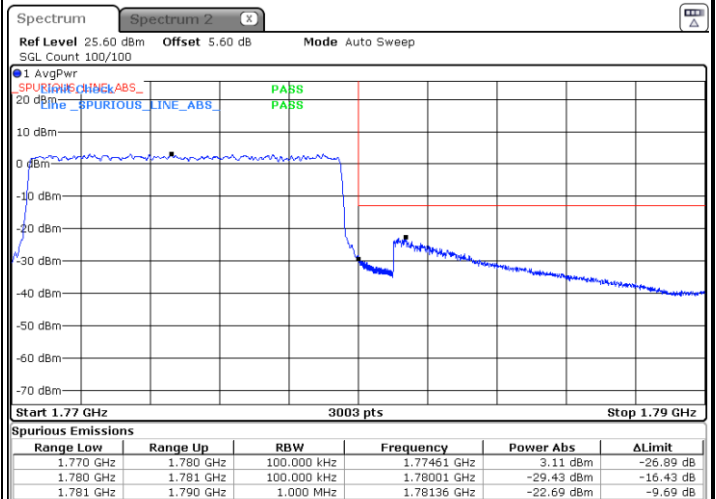
Date: 20.DEC.2024 13:40:28

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:28:32

Highest Band Edge / Full RB

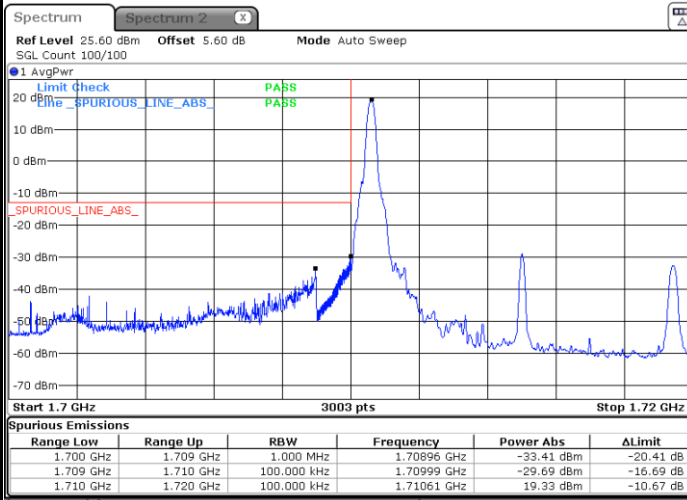


Date: 20.DEC.2024 13:43:28



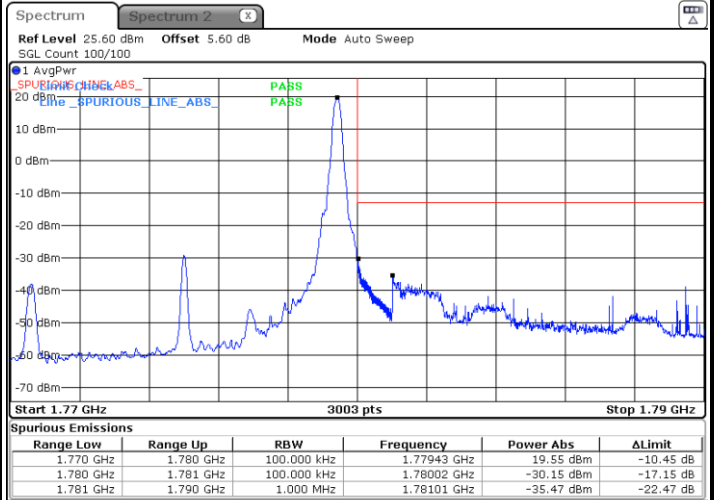
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



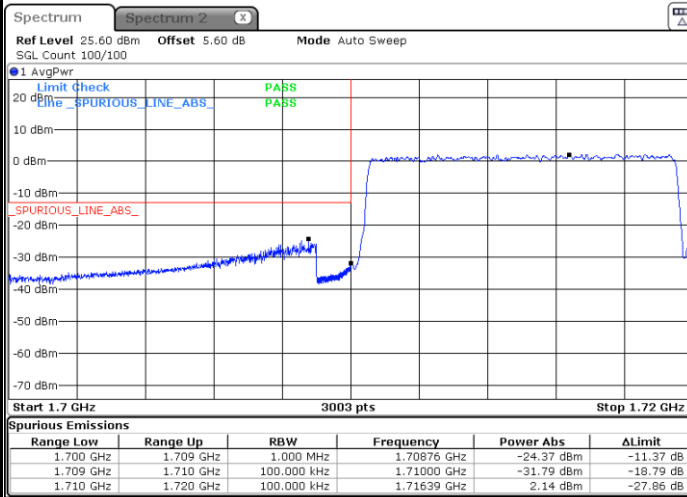
Date: 20.DEC.2024 13:26:18

Highest Band Edge / 1 RB



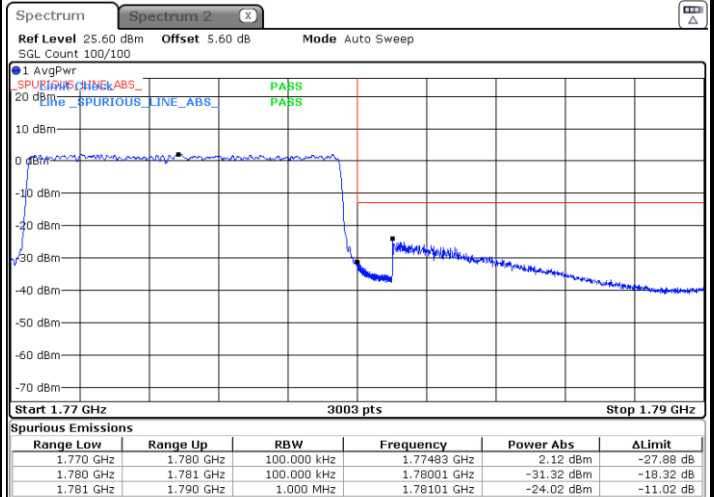
Date: 20.DEC.2024 13:41:13

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:29:17

Highest Band Edge / Full RB

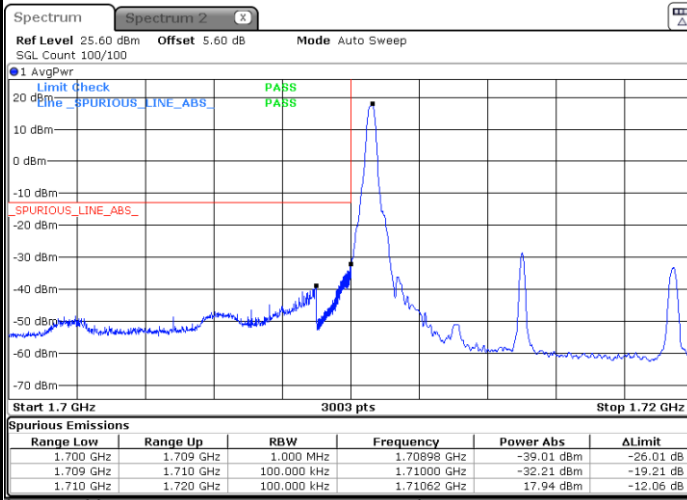


Date: 20.DEC.2024 13:44:13



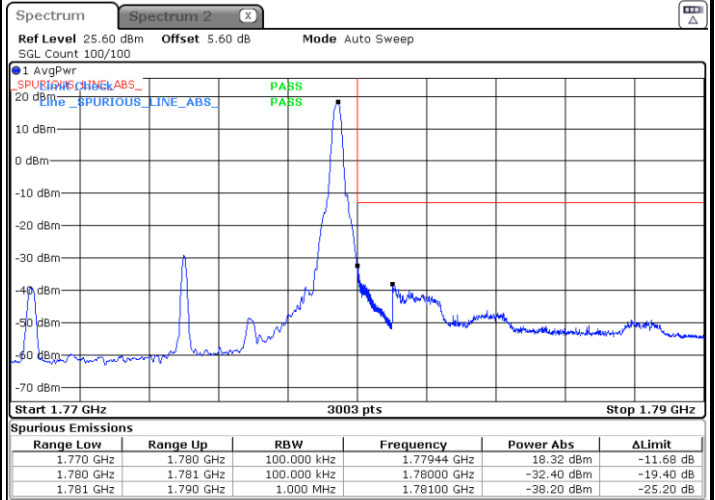
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



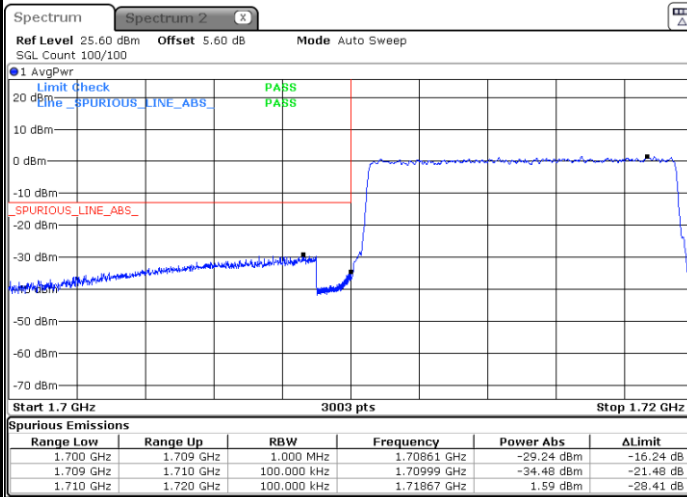
Date: 20.DEC.2024 13:27:02

Highest Band Edge / 1 RB



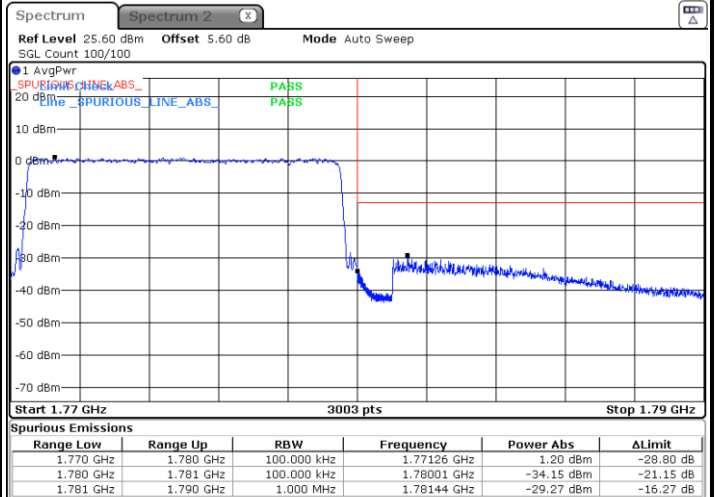
Date: 20.DEC.2024 13:41:58

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:30:02

Highest Band Edge / Full RB

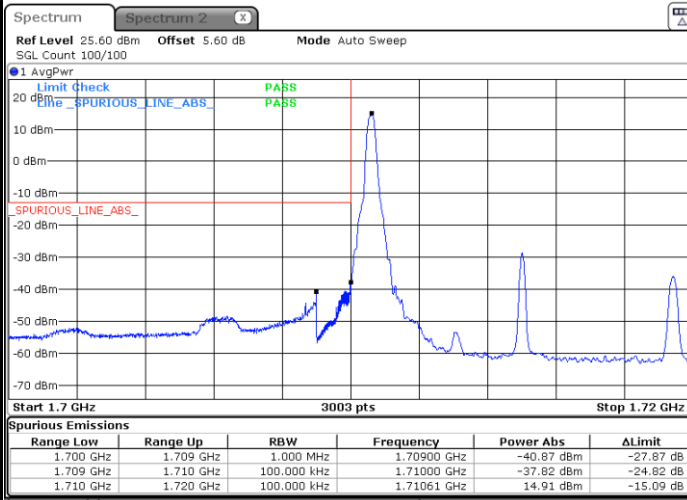


Date: 20.DEC.2024 13:44:58



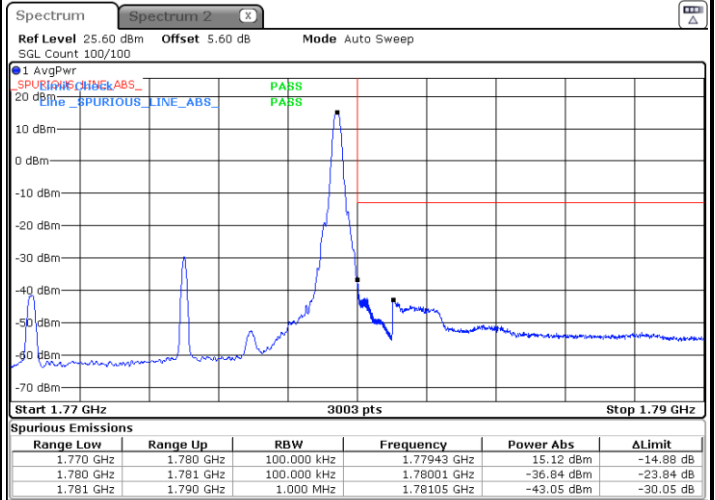
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



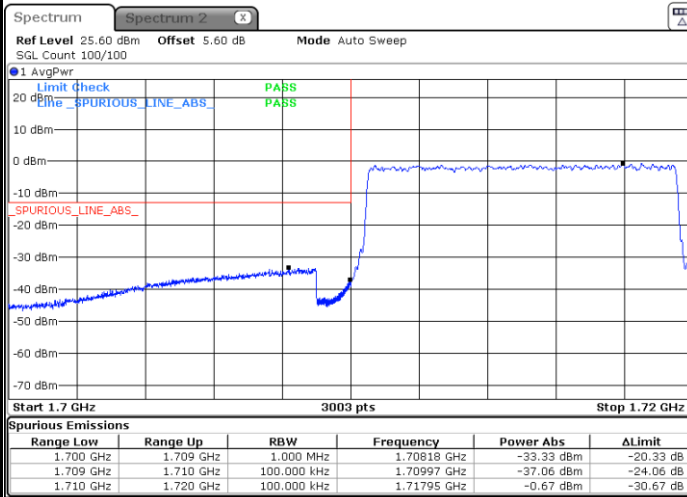
Date: 20.DEC.2024 13:27:47

Highest Band Edge / 1 RB



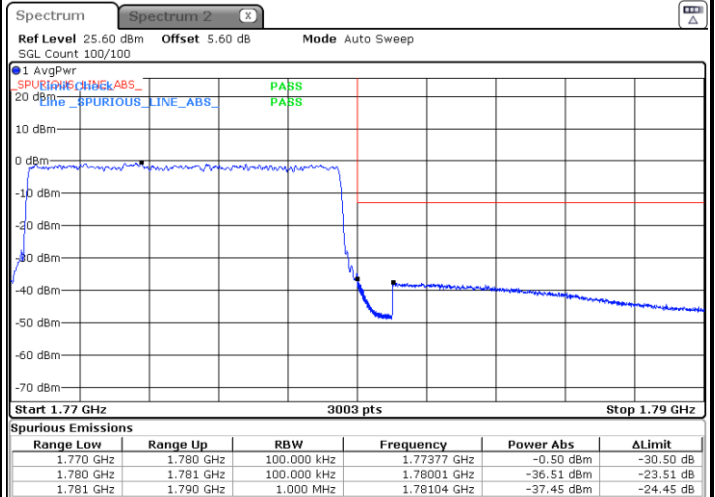
Date: 20.DEC.2024 13:42:43

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:30:47

Highest Band Edge / Full RB

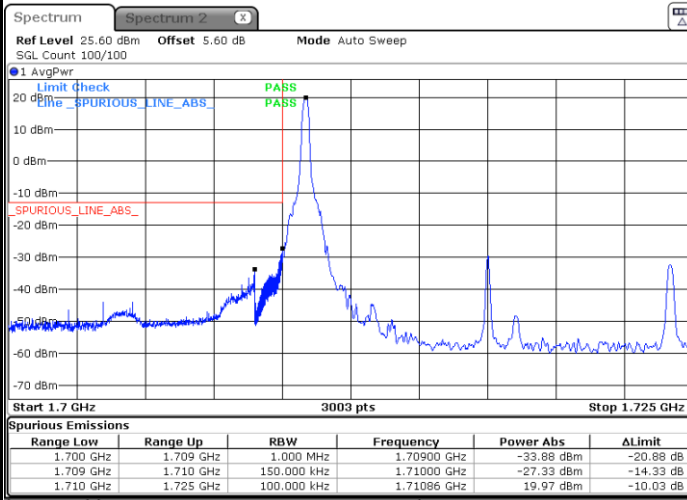


Date: 20.DEC.2024 13:45:43



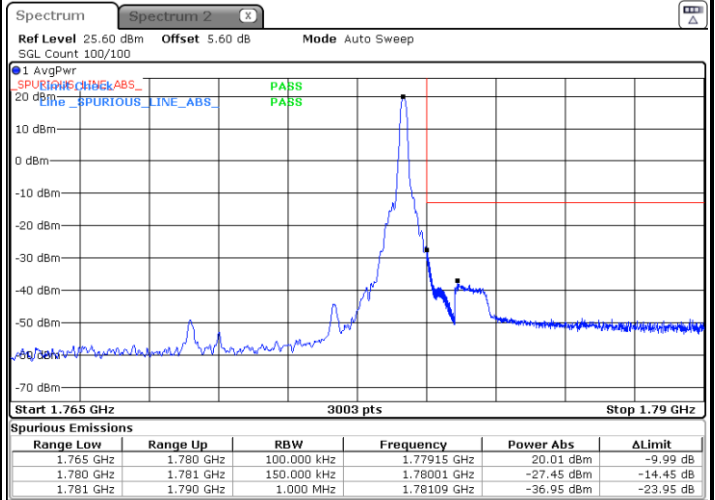
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



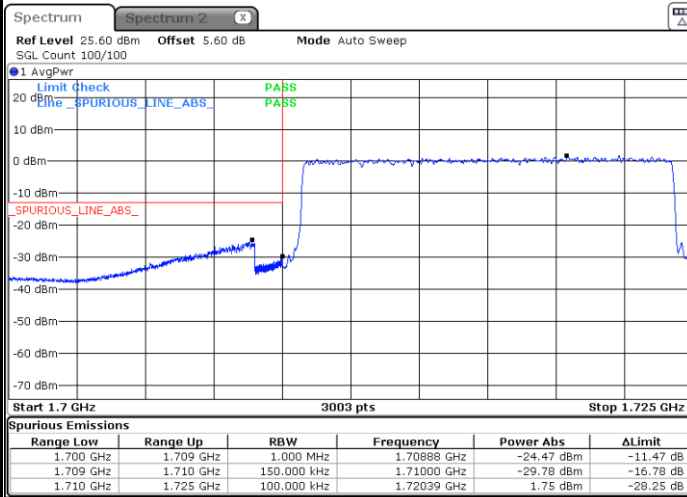
Date: 20.DEC.2024 13:49:51

Highest Band Edge / 1 RB



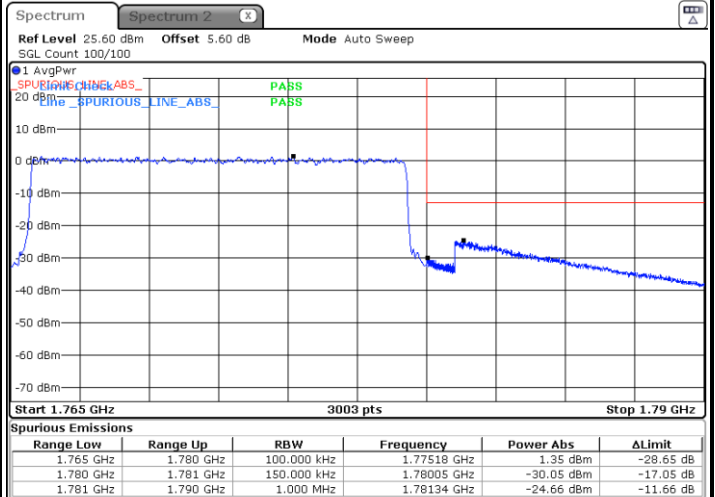
Date: 20.DEC.2024 13:58:38

Lowest Band Edge / Full RB



Date: 20.DEC.2024 13:52:52

Highest Band Edge / Full RB



Date: 20.DEC.2024 14:03:59