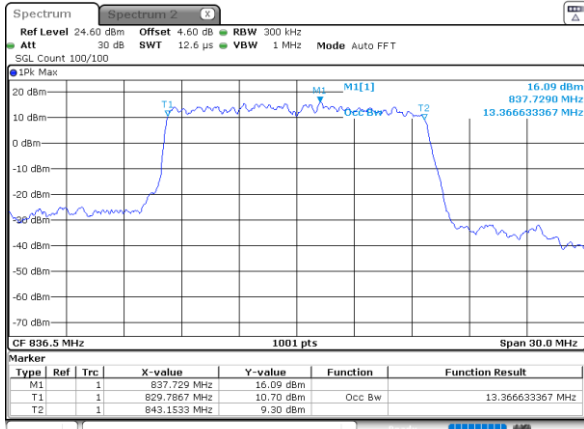




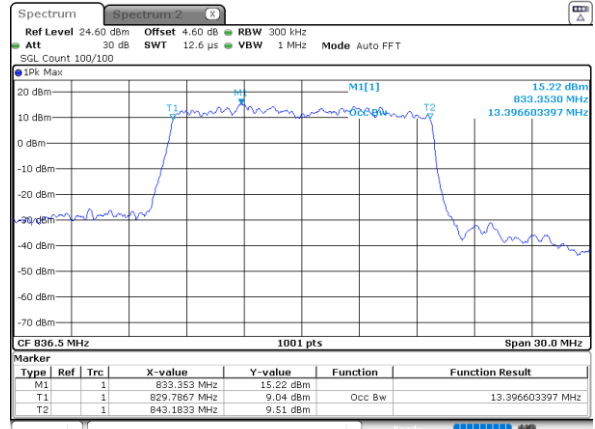
LTE Band 26

Middle Channel / 15MHz / QPSK



Date: 15.APR.2024 11:44:48

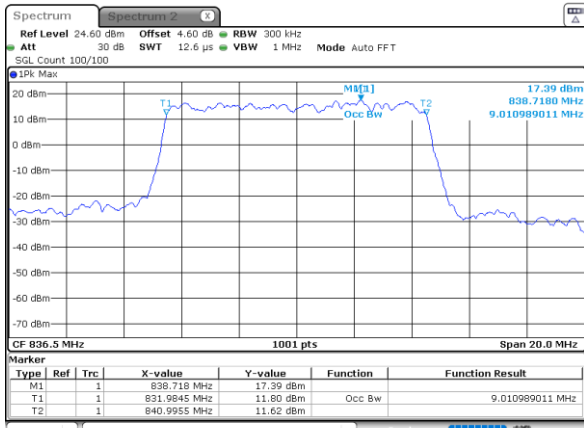
Middle Channel / 15MHz / 16QAM



Date: 15.APR.2024 11:45:10

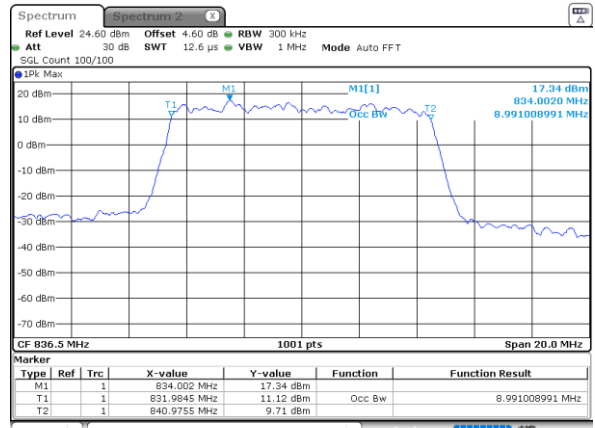
LTE Band 26

Middle Channel / 10MHz / QPSK



Date: 15.APR.2024 13:21:26

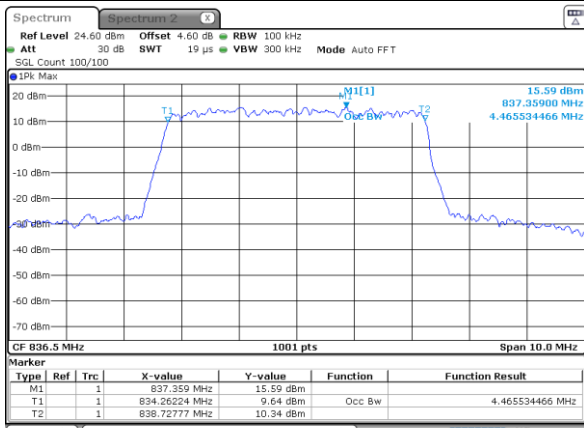
Middle Channel / 10MHz / 16QAM



Date: 15.APR.2024 13:22:31

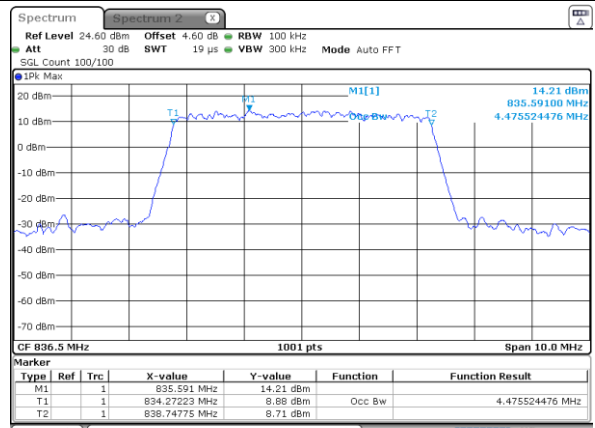
LTE Band 26

Middle Channel / 5MHz / QPSK



Date: 15.APR.2024 13:19:59

Middle Channel / 5MHz / 16QAM

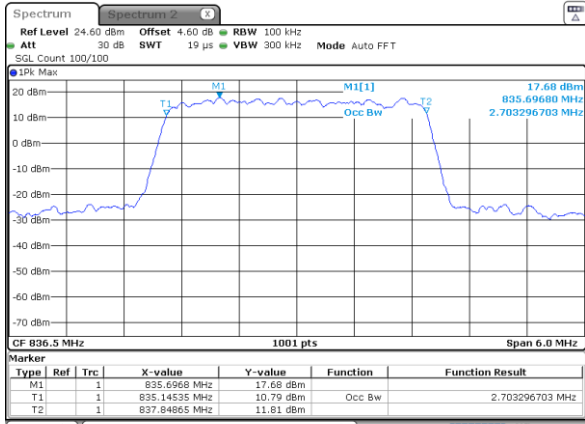


Date: 15.APR.2024 13:21:04



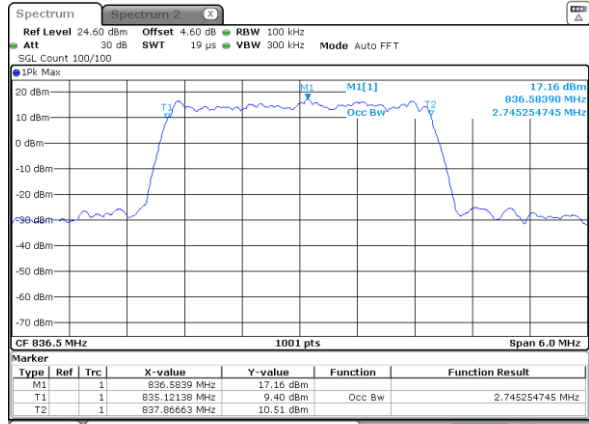
LTE Band 26

Middle Channel / 3MHz / QPSK



Date: 15.APR.2024 13:18:32

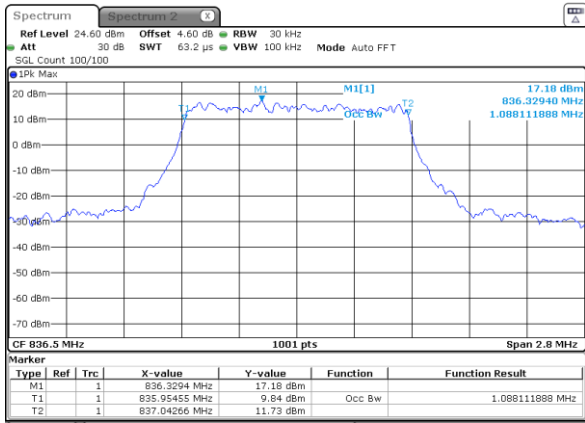
Middle Channel / 3MHz / 16QAM



Date: 15.APR.2024 13:19:37

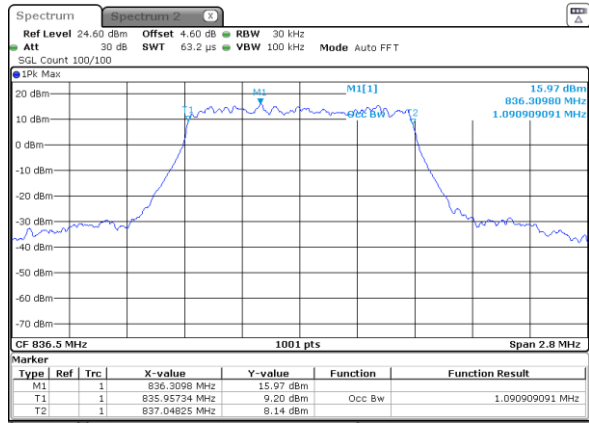
LTE Band 26

Middle Channel / 1.4MHz / QPSK



Date: 15.APR.2024 13:17:05

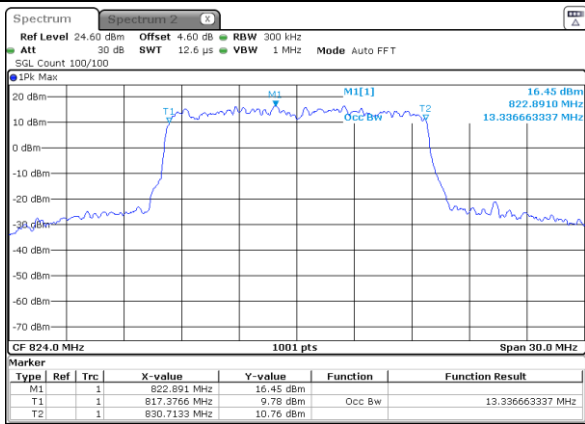
Middle Channel / 1.4MHz / 16QAM



Date: 15.APR.2024 13:18:10

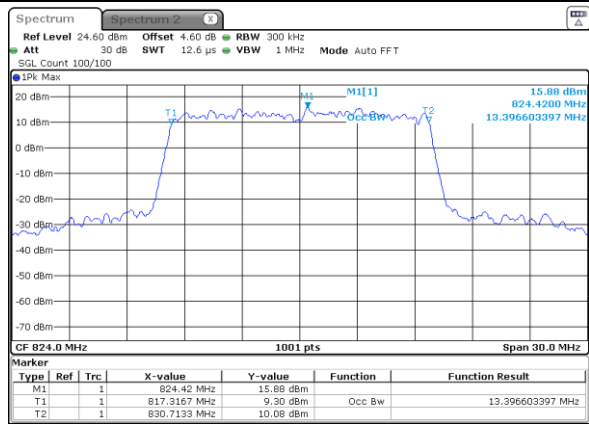
LTE Band 26 (CH26790)

Channel 26790 / 15MHz / QPSK



Date: 15.APR.2024 16:30:42

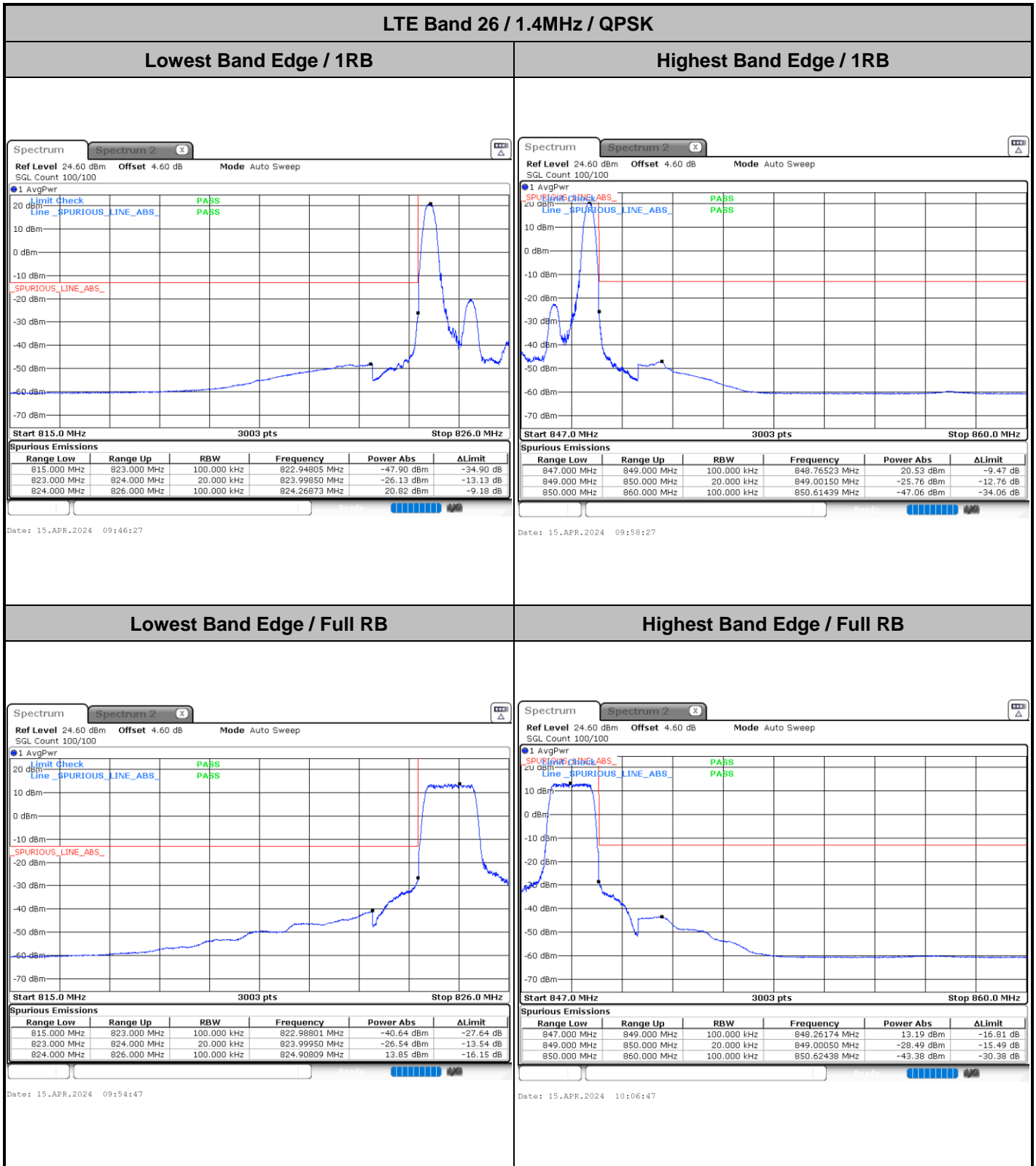
Channel 26790 / 15MHz / 16QAM



Date: 15.APR.2024 16:31:04



# Conducted Band Edge

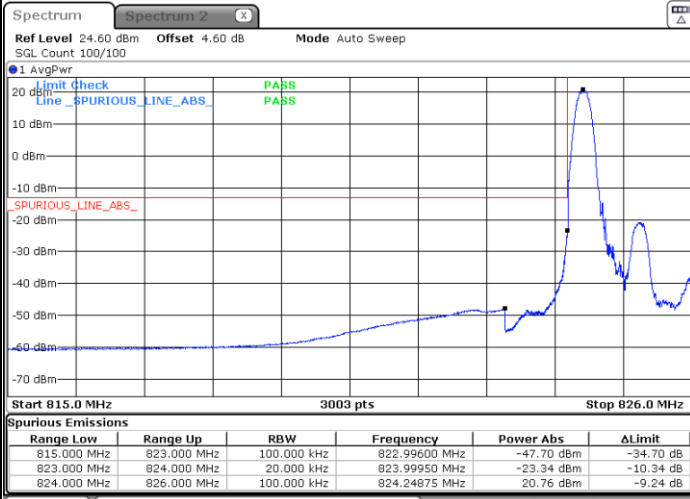




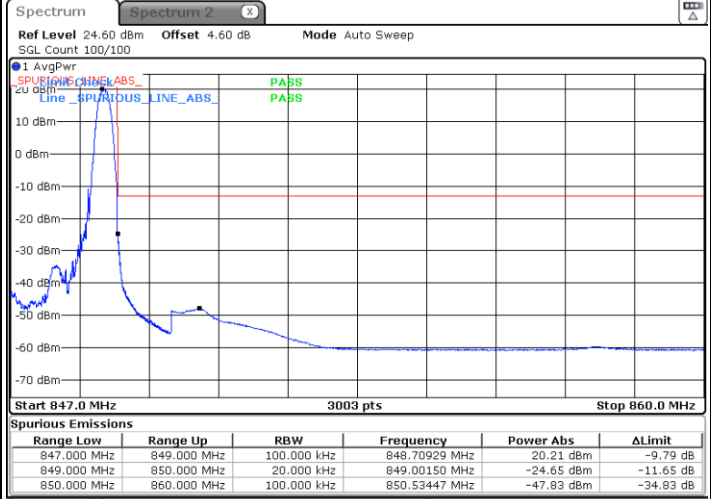
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



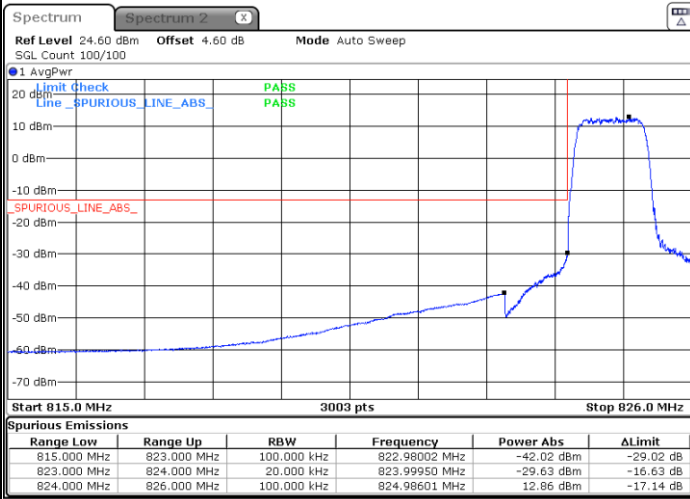
Date: 15.APR.2024 09:48:07



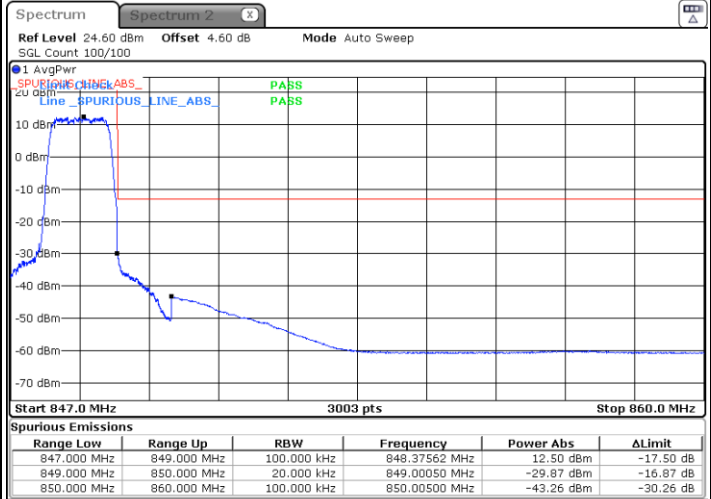
Date: 15.APR.2024 10:00:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2024 09:53:07

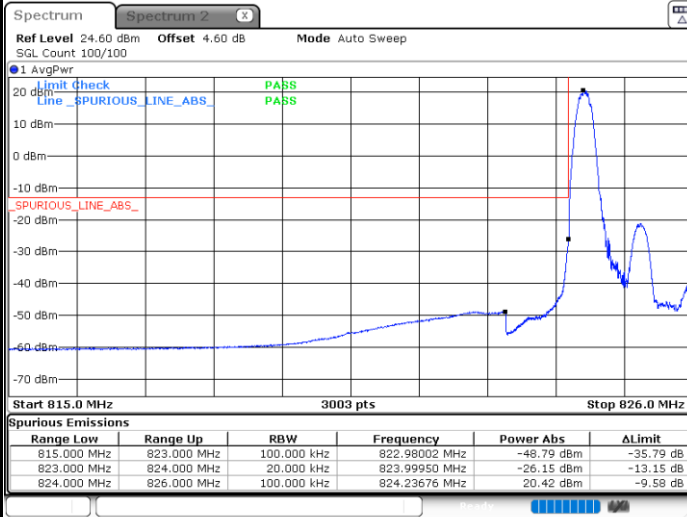


Date: 15.APR.2024 10:05:07



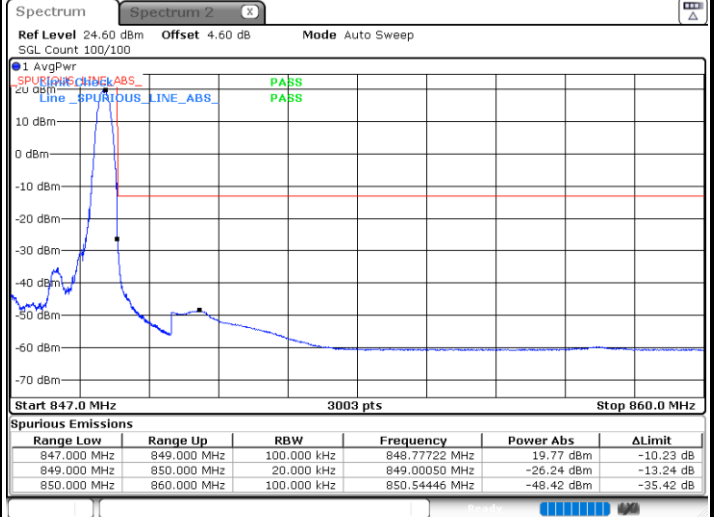
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



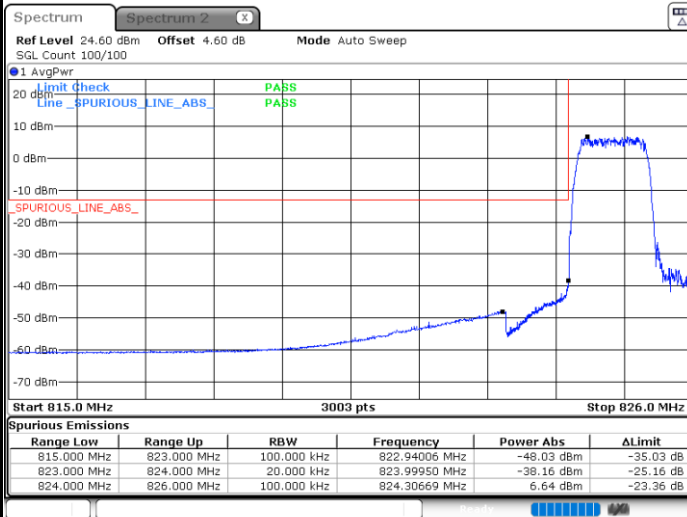
Date: 15.APR.2024 09:49:47

Highest Band Edge / 1 RB



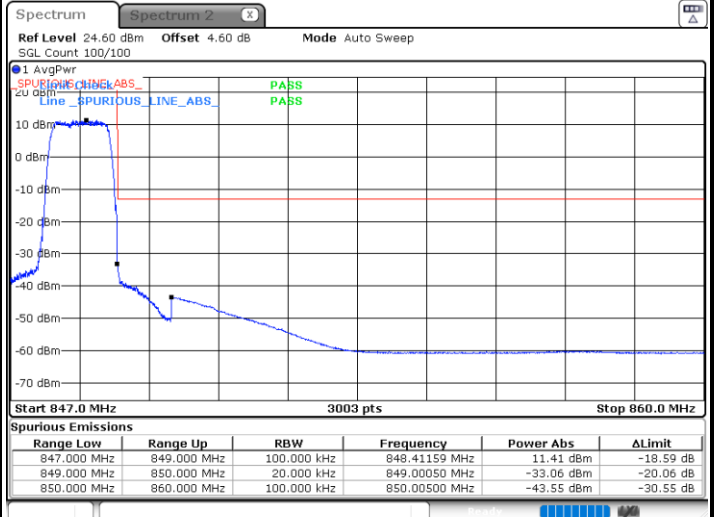
Date: 15.APR.2024 10:01:47

Lowest Band Edge / Full RB



Date: 15.APR.2024 09:51:27

Highest Band Edge / Full RB

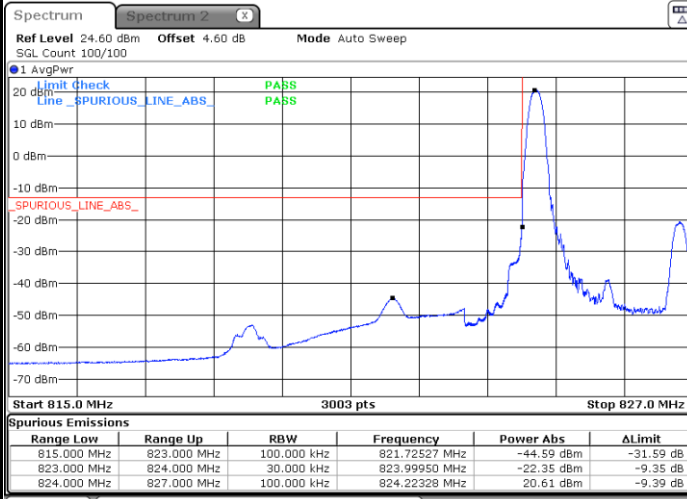


Date: 15.APR.2024 10:03:27

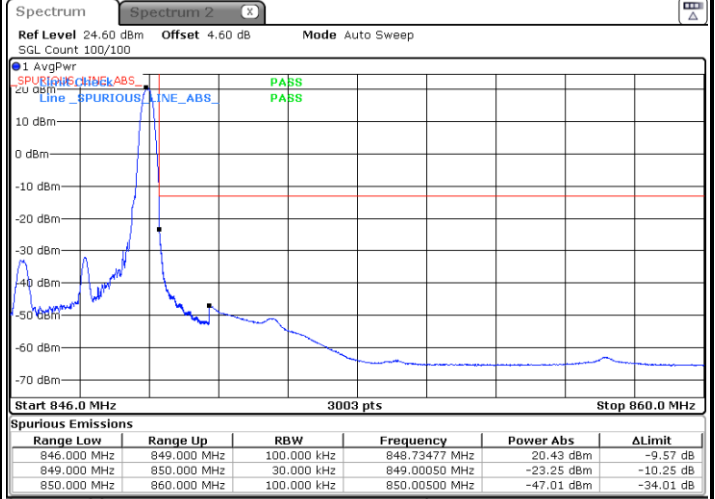


LTE Band 26 / 3MHz / QPSK

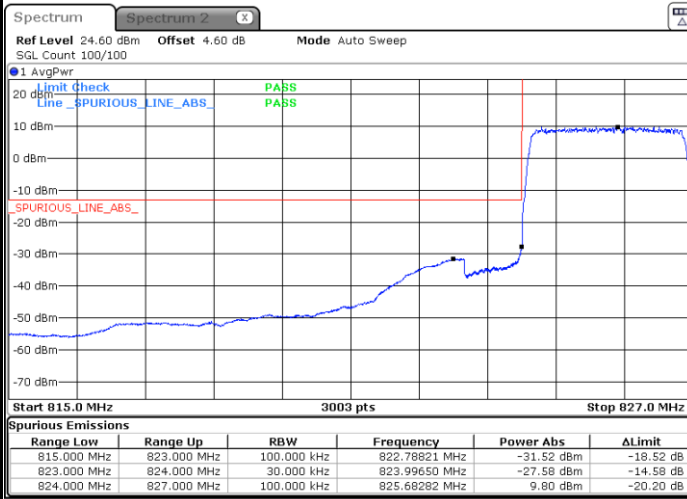
Lowest Band Edge / 1RB



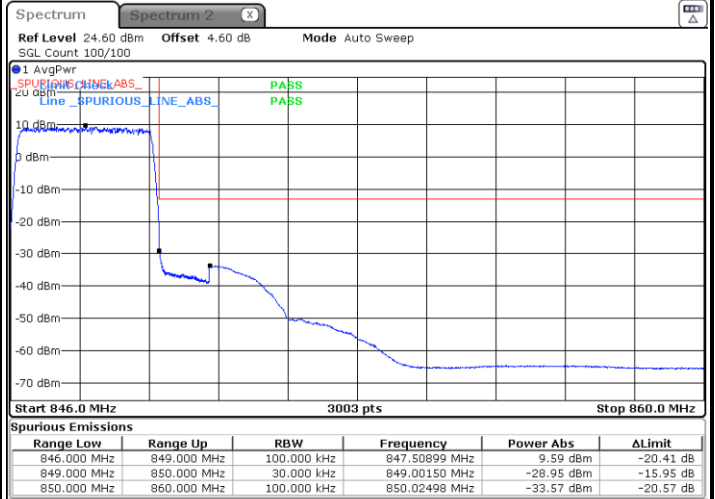
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



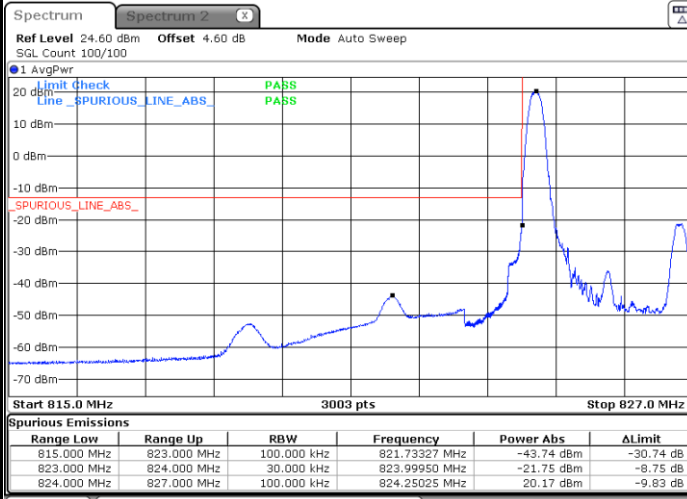
Highest Band Edge / Full RB





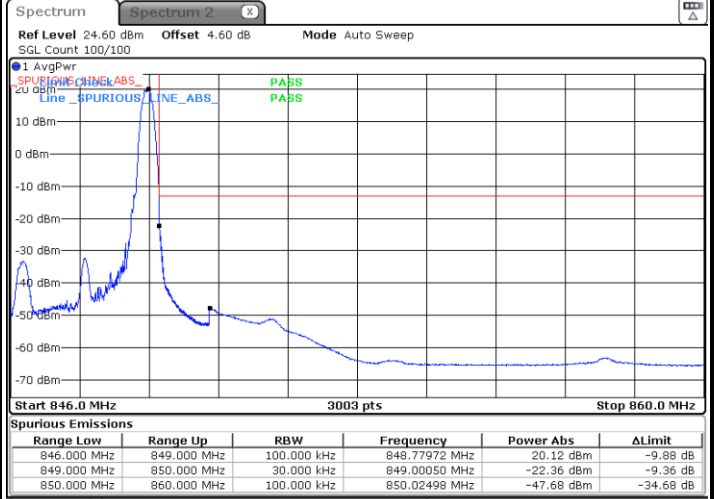
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



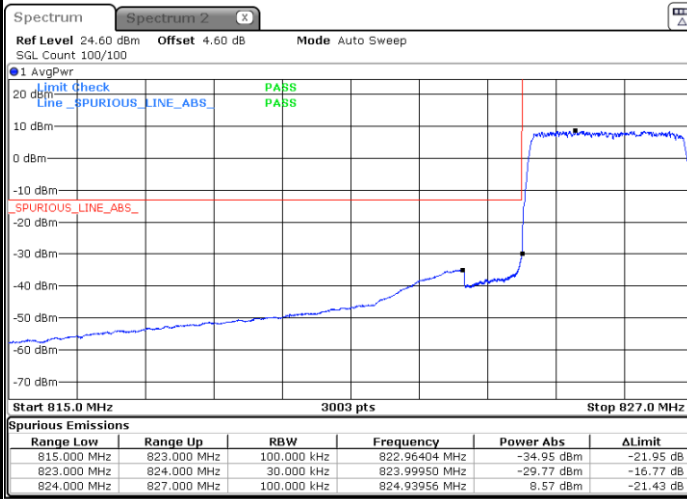
Date: 15.APR.2024 10:11:07

Highest Band Edge / 1 RB



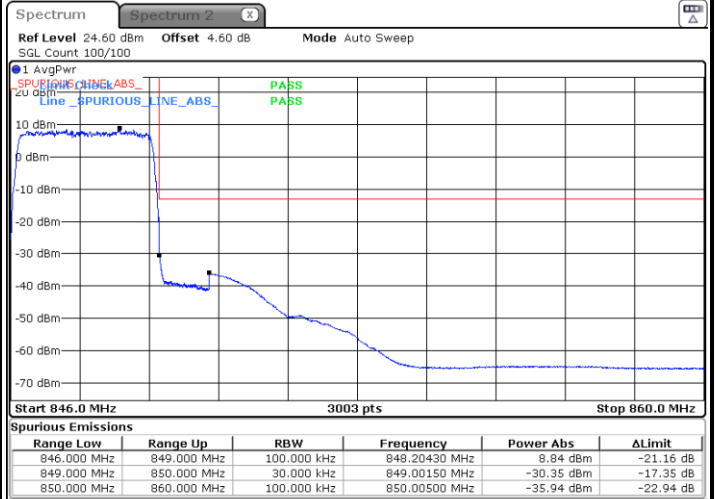
Date: 15.APR.2024 10:23:06

Lowest Band Edge / Full RB



Date: 15.APR.2024 10:16:07

Highest Band Edge / Full RB

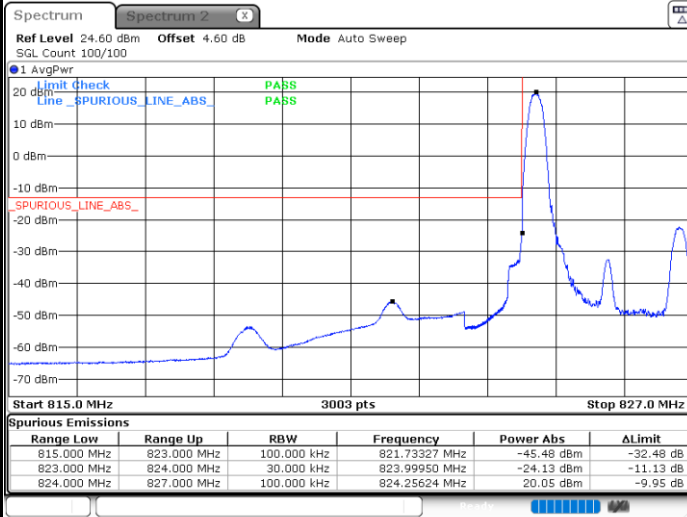


Date: 15.APR.2024 10:28:06



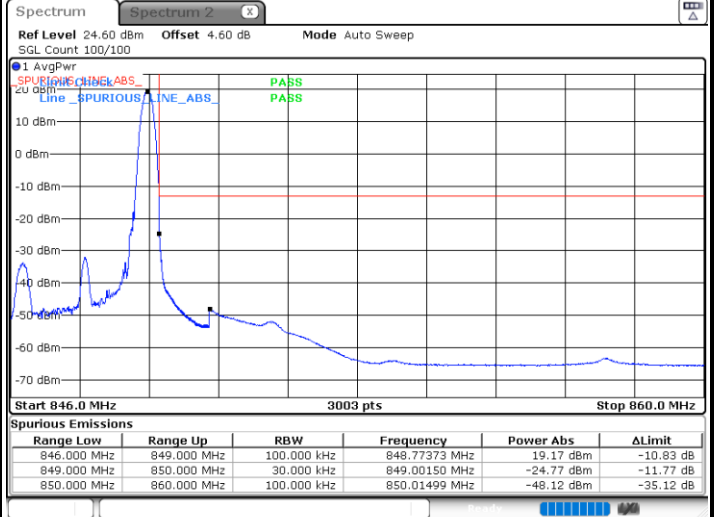
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



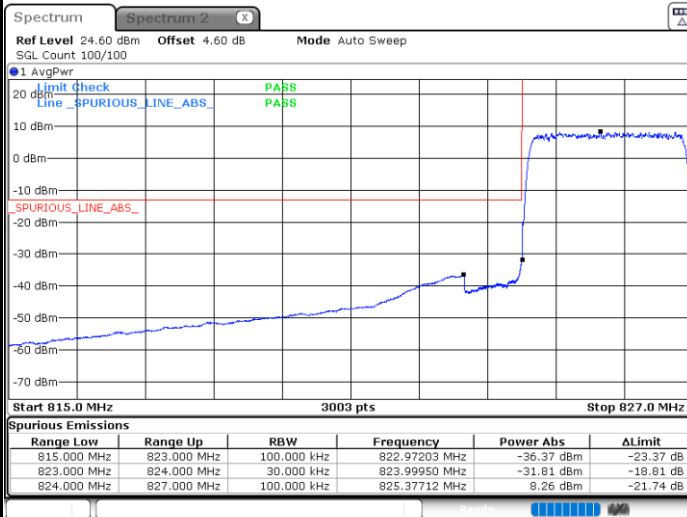
Date: 15.APR.2024 10:12:47

Highest Band Edge / 1 RB



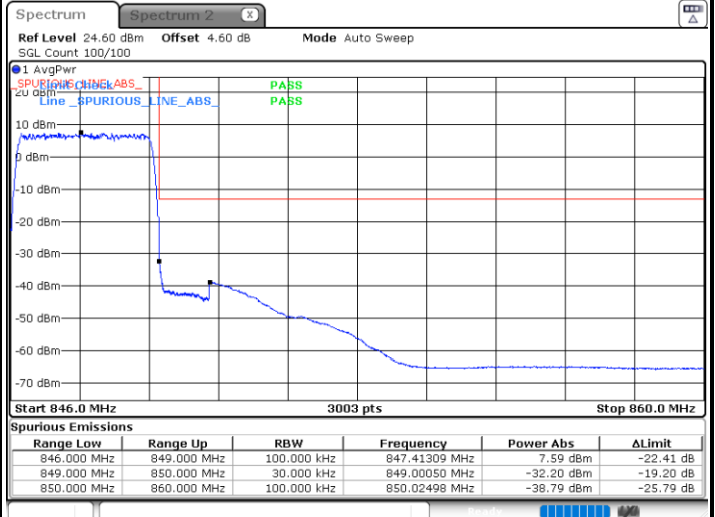
Date: 15.APR.2024 10:24:46

Lowest Band Edge / Full RB



Date: 15.APR.2024 10:14:27

Highest Band Edge / Full RB



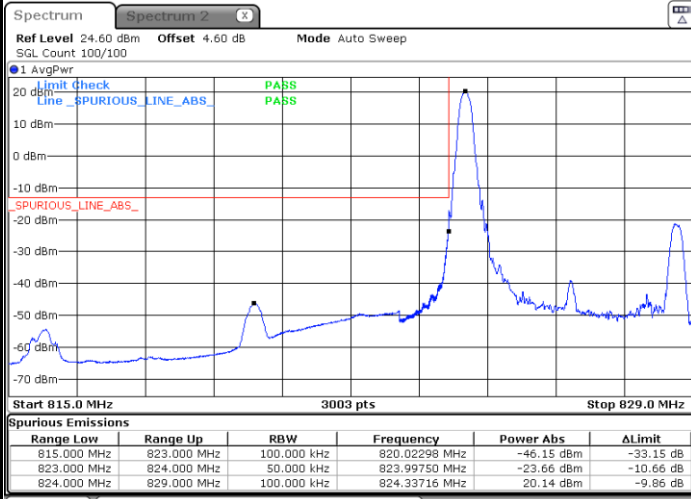
Date: 15.APR.2024 10:26:26





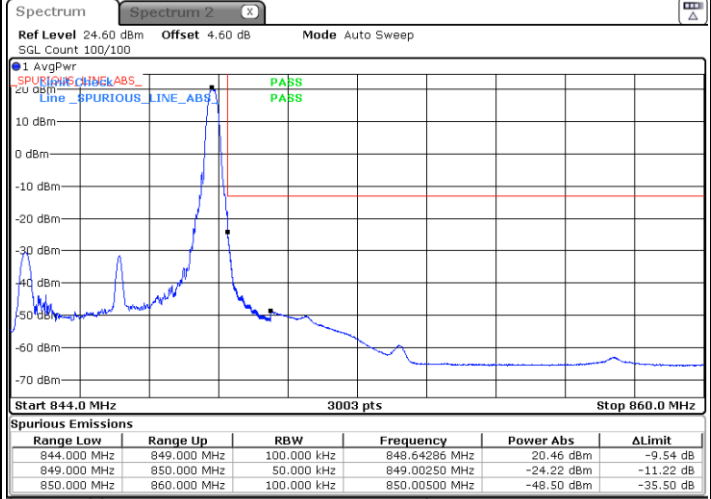
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



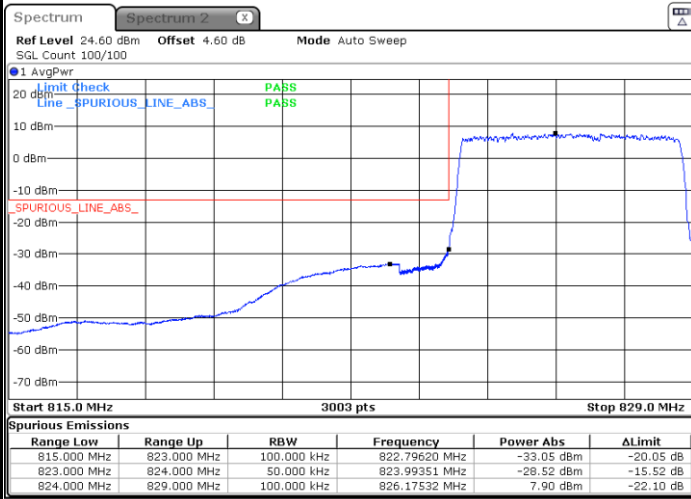
Date: 15.APR.2024 10:32:26

Highest Band Edge / 1 RB



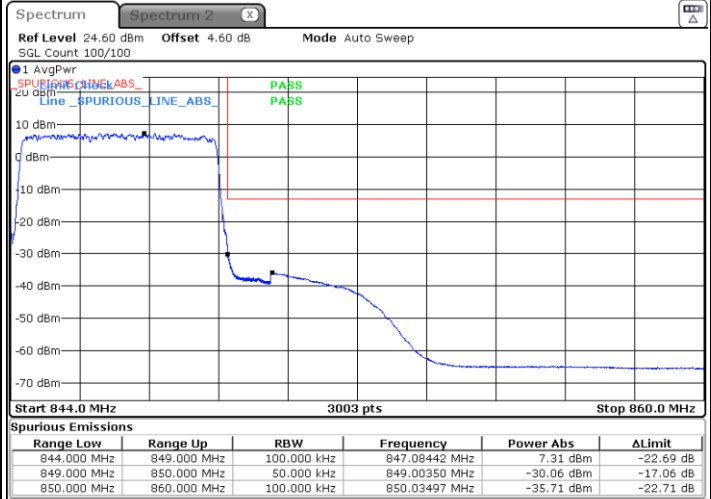
Date: 15.APR.2024 10:44:26

Lowest Band Edge / Full RB



Date: 15.APR.2024 10:40:46

Highest Band Edge / Full RB

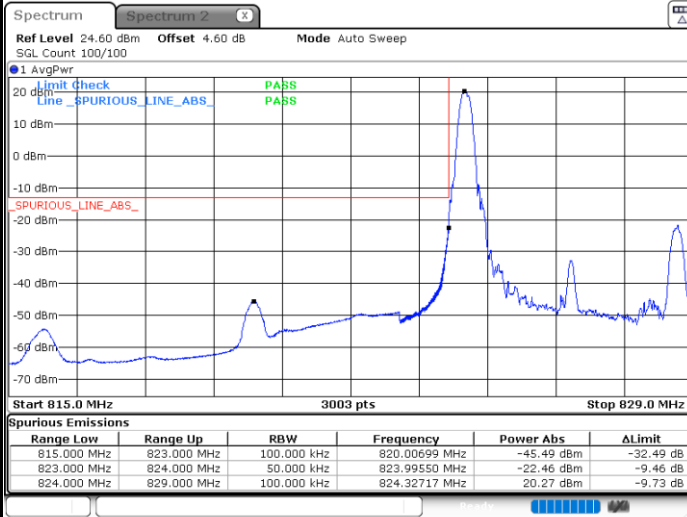


Date: 15.APR.2024 10:52:46



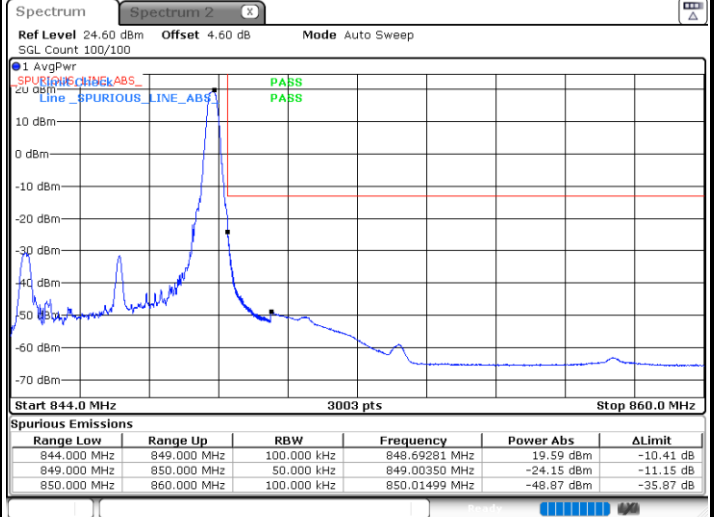
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



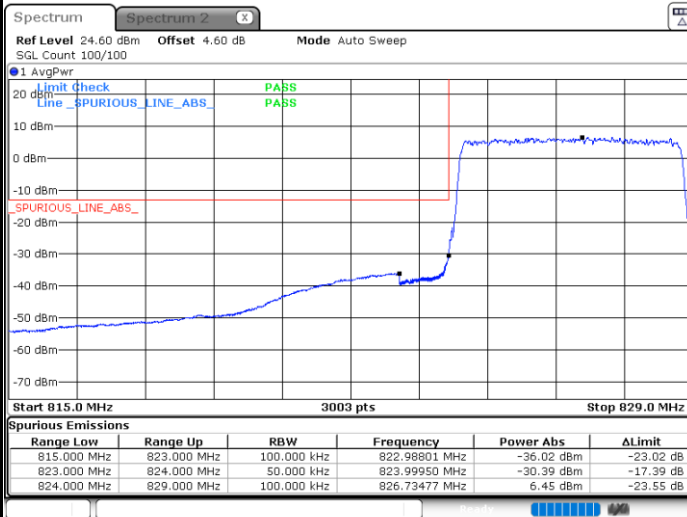
Date: 15.APR.2024 10:34:06

Highest Band Edge / 1 RB



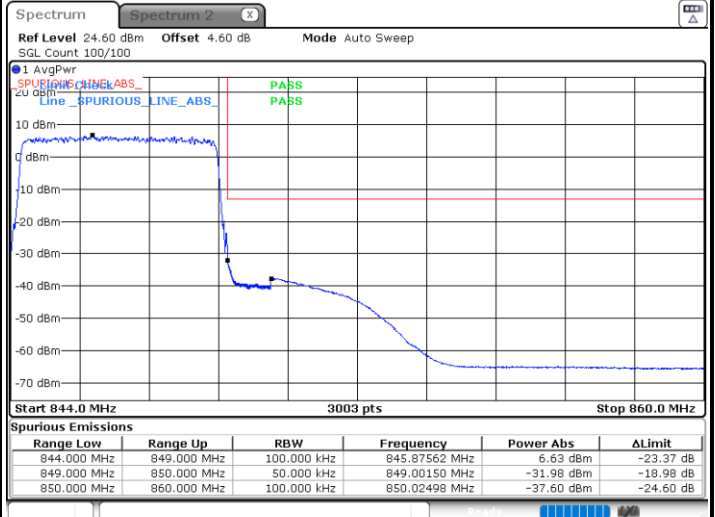
Date: 15.APR.2024 10:46:06

Lowest Band Edge / Full RB



Date: 15.APR.2024 10:39:06

Highest Band Edge / Full RB

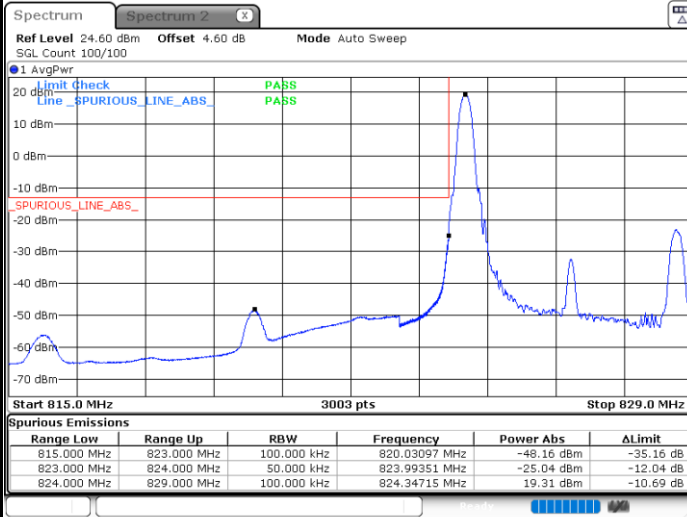


Date: 15.APR.2024 10:51:06



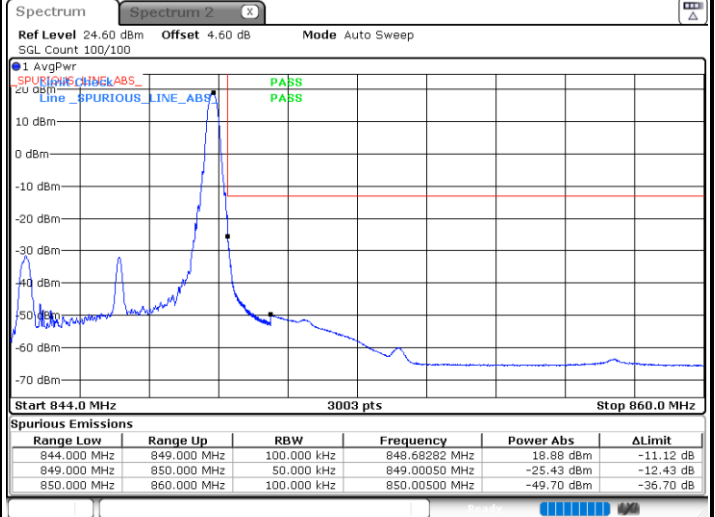
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



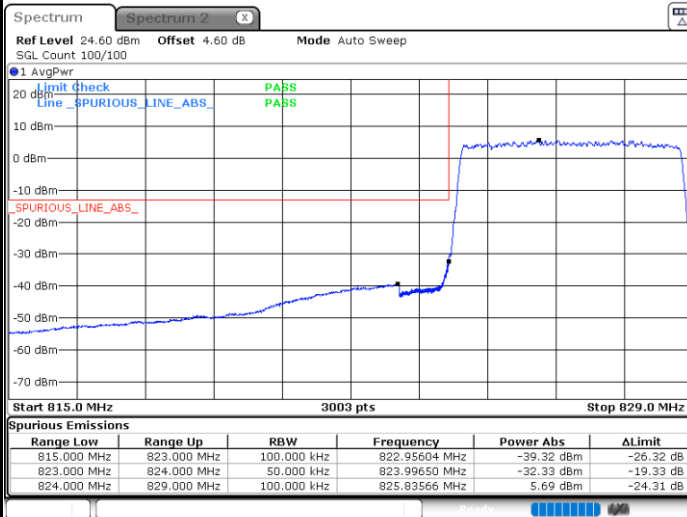
Date: 15.APR.2024 10:35:46

Highest Band Edge / 1 RB



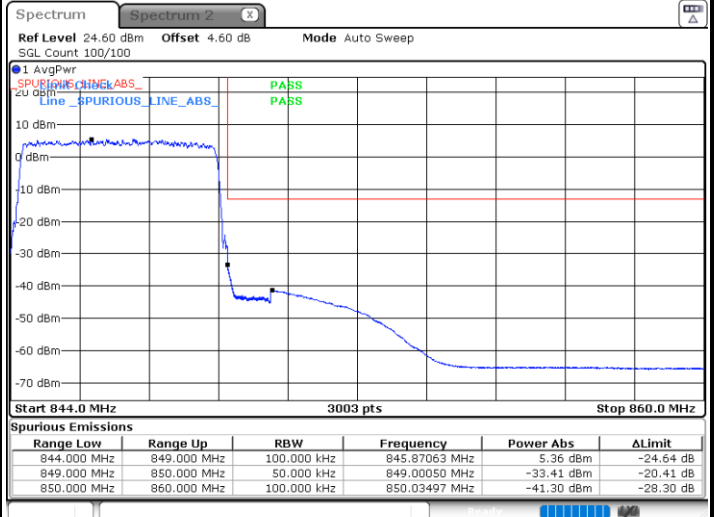
Date: 15.APR.2024 10:47:45

Lowest Band Edge / Full RB



Date: 15.APR.2024 10:37:26

Highest Band Edge / Full RB

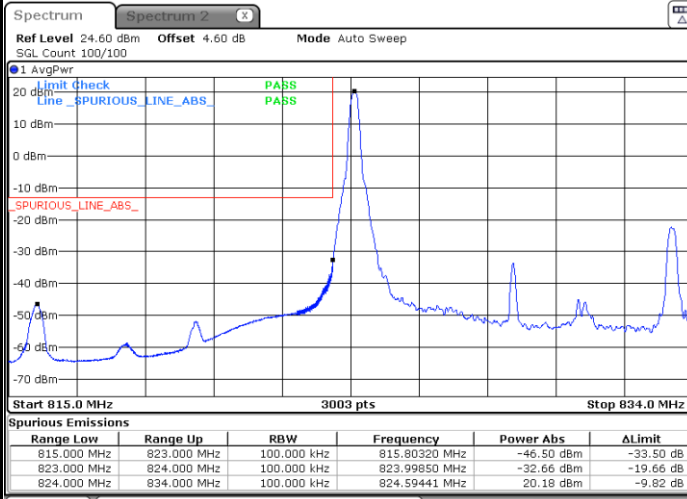


Date: 15.APR.2024 10:49:25



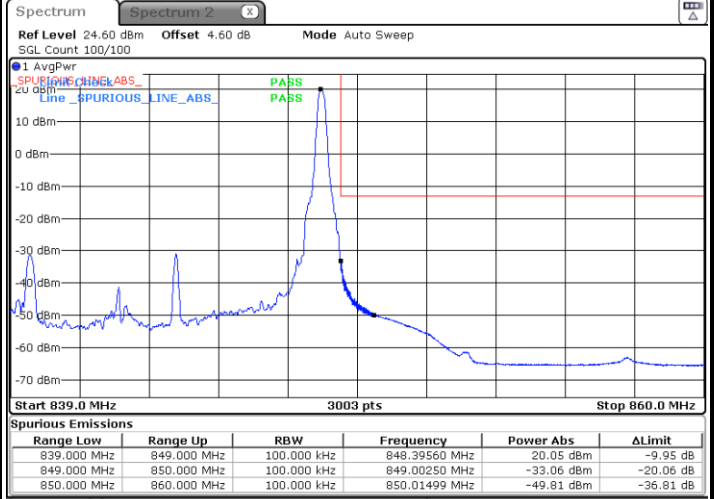
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



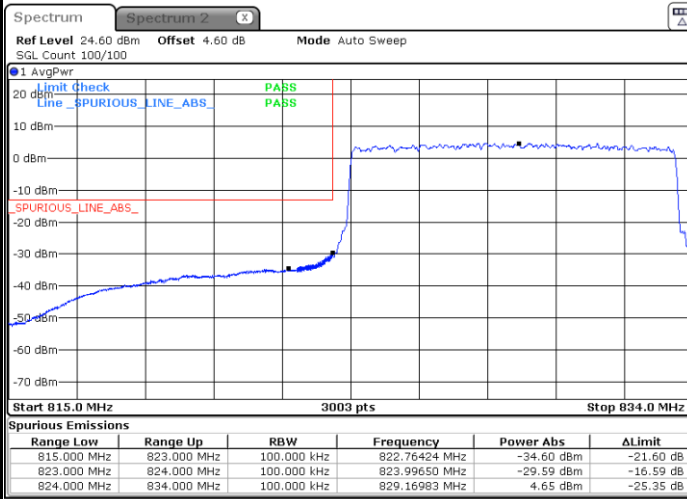
Date: 15.APR.2024 10:55:26

Highest Band Edge / 1 RB



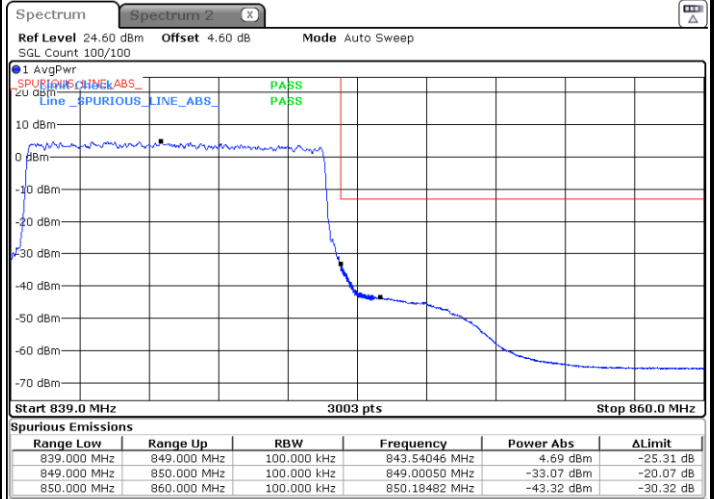
Date: 15.APR.2024 11:13:07

Lowest Band Edge / Full RB



Date: 15.APR.2024 11:09:28

Highest Band Edge / Full RB

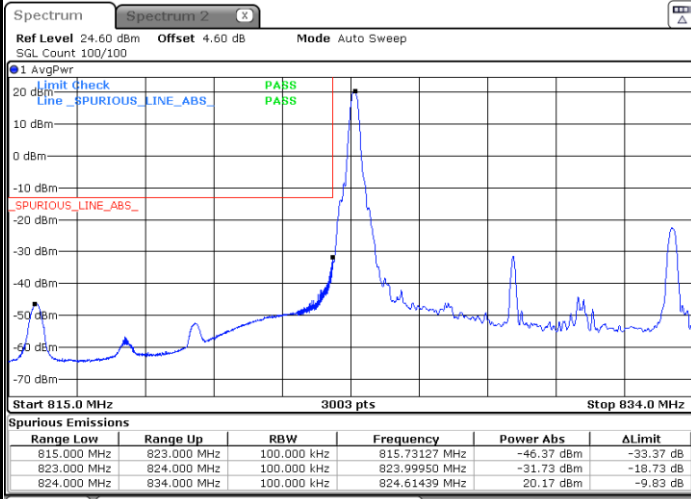


Date: 15.APR.2024 11:21:27



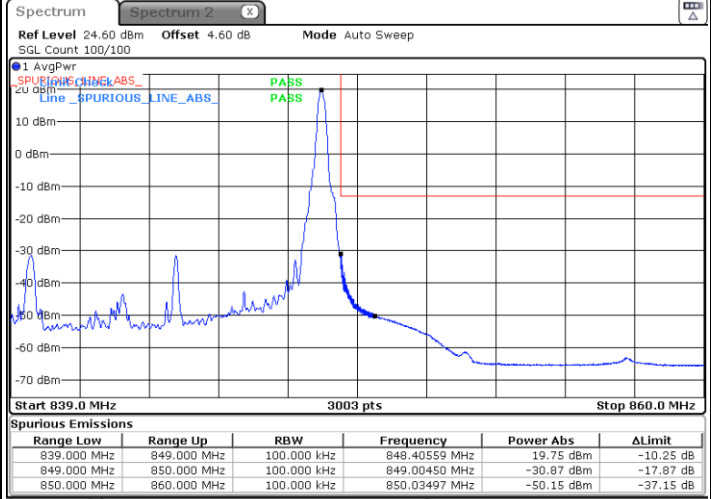
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



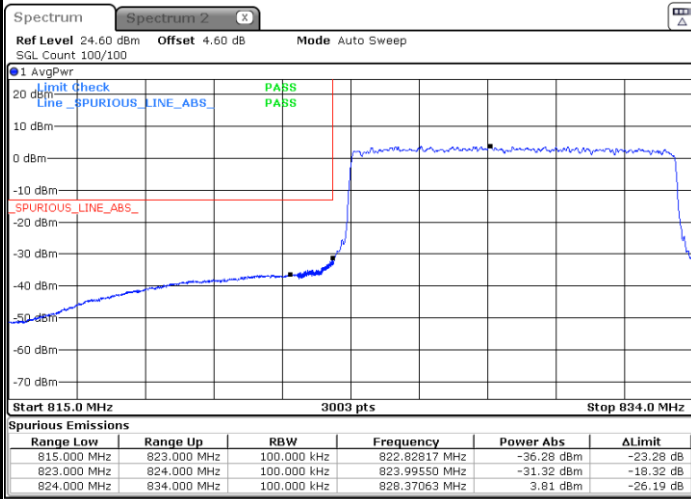
Date: 15.APR.2024 11:02:49

Highest Band Edge / 1 RB



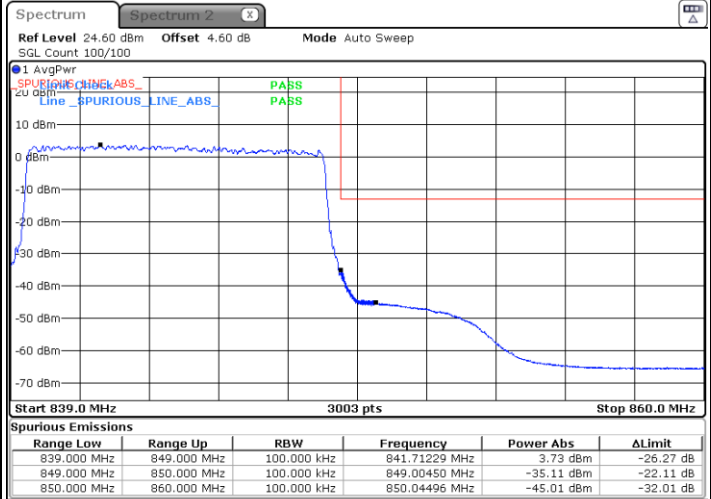
Date: 15.APR.2024 11:14:47

Lowest Band Edge / Full RB



Date: 15.APR.2024 11:07:48

Highest Band Edge / Full RB

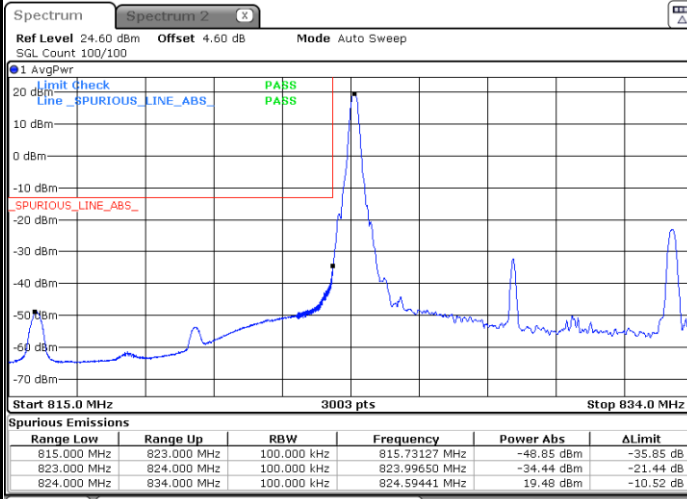


Date: 15.APR.2024 11:19:47

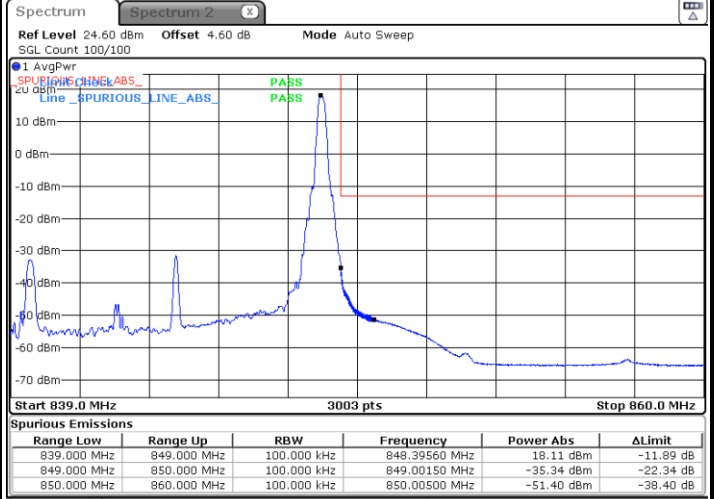


LTE Band 26 / 10MHz / 64QAM

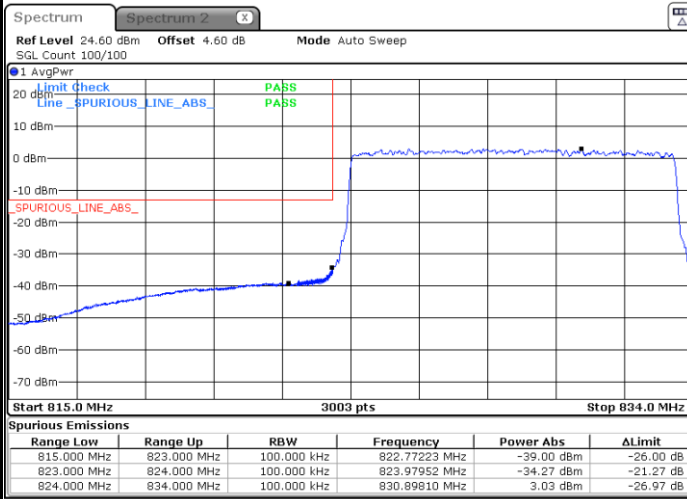
Lowest Band Edge / 1 RB



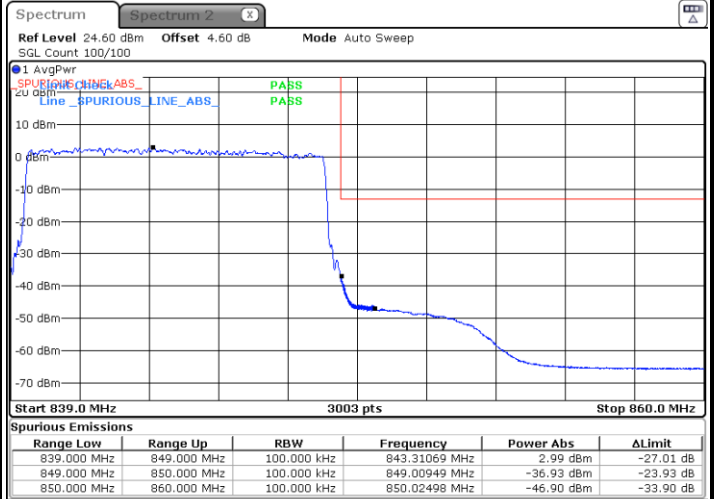
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



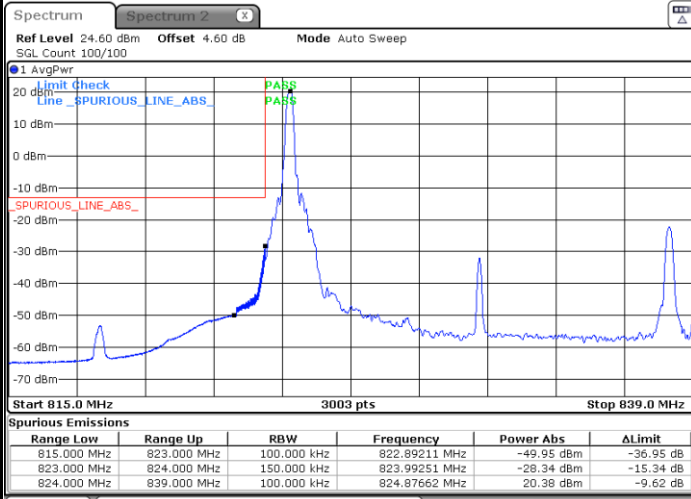
Highest Band Edge / Full RB





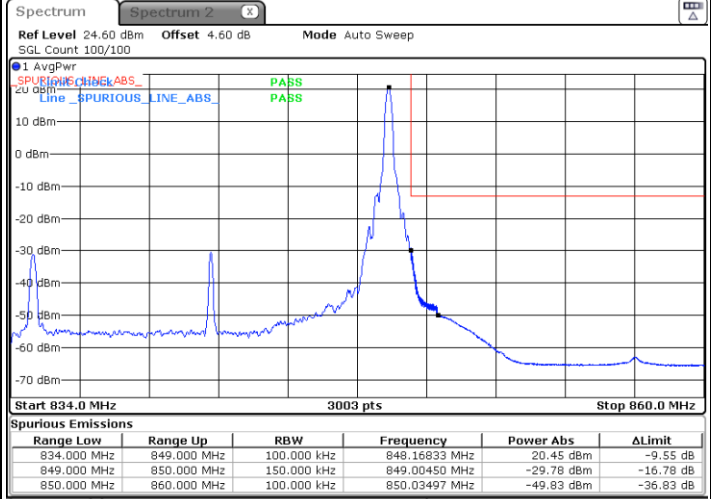
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



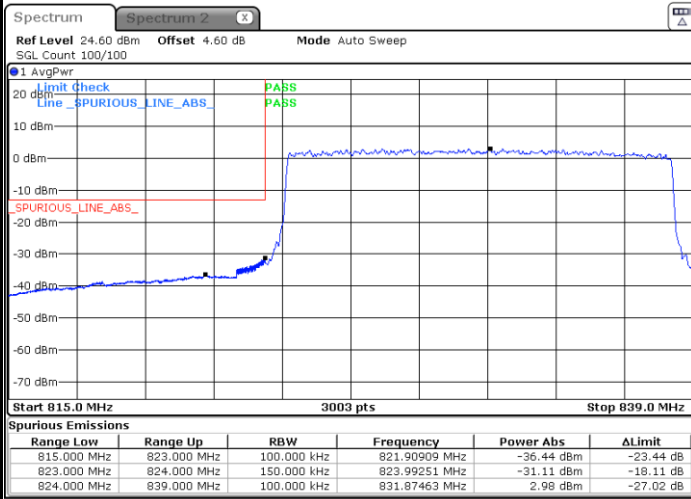
Date: 15.APR.2024 11:24:06

Highest Band Edge / 1 RB



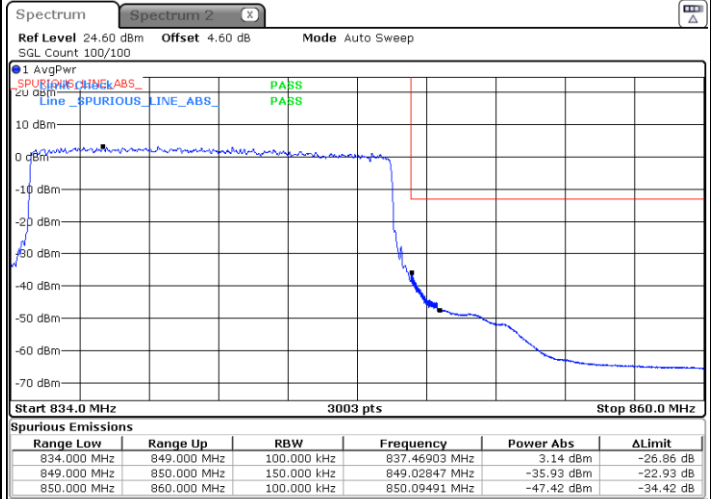
Date: 15.APR.2024 11:36:05

Lowest Band Edge / Full RB



Date: 15.APR.2024 11:32:25

Highest Band Edge / Full RB

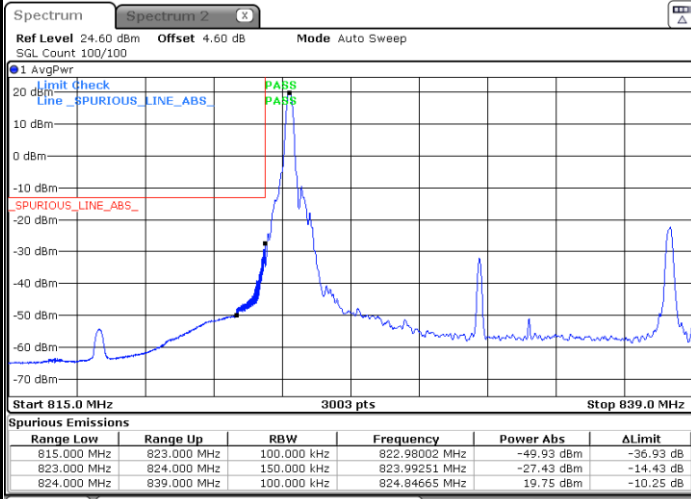


Date: 15.APR.2024 11:44:27



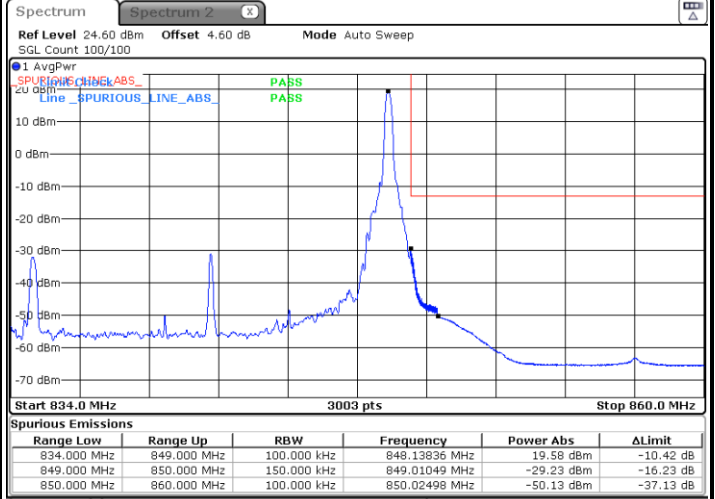
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



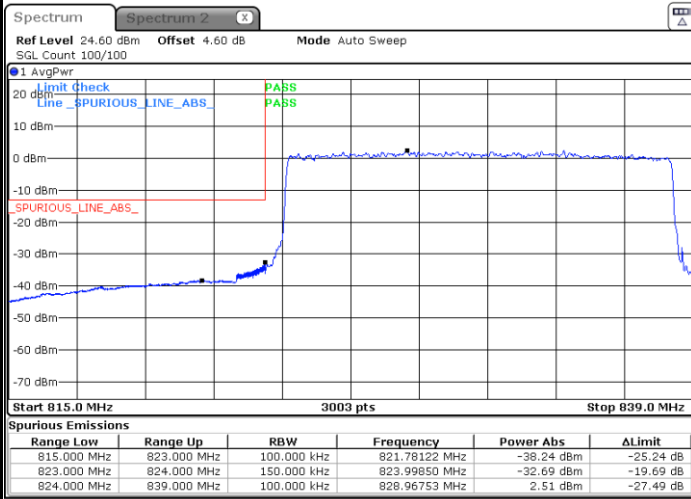
Date: 15.APR.2024 11:25:46

Highest Band Edge / 1 RB



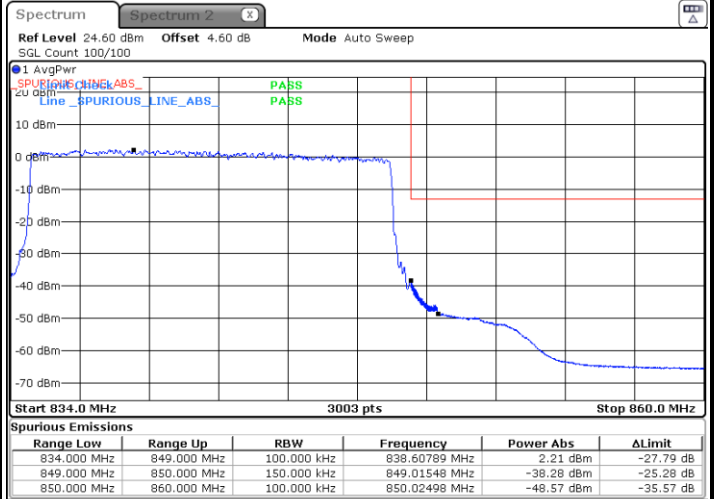
Date: 15.APR.2024 11:37:45

Lowest Band Edge / Full RB



Date: 15.APR.2024 11:30:45

Highest Band Edge / Full RB



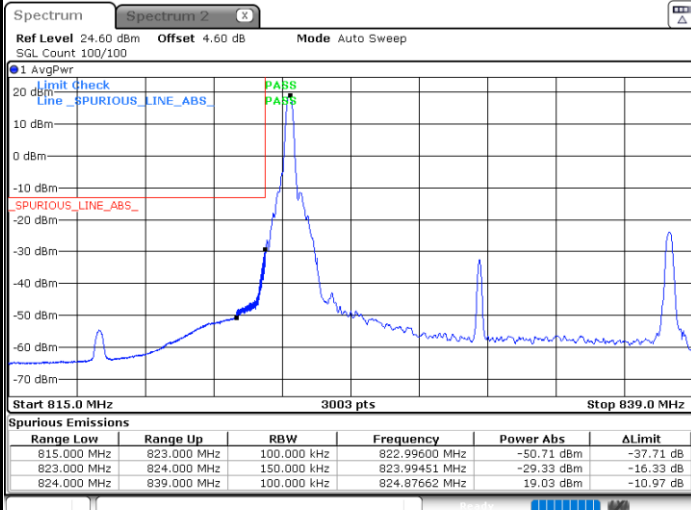
Date: 15.APR.2024 11:42:47





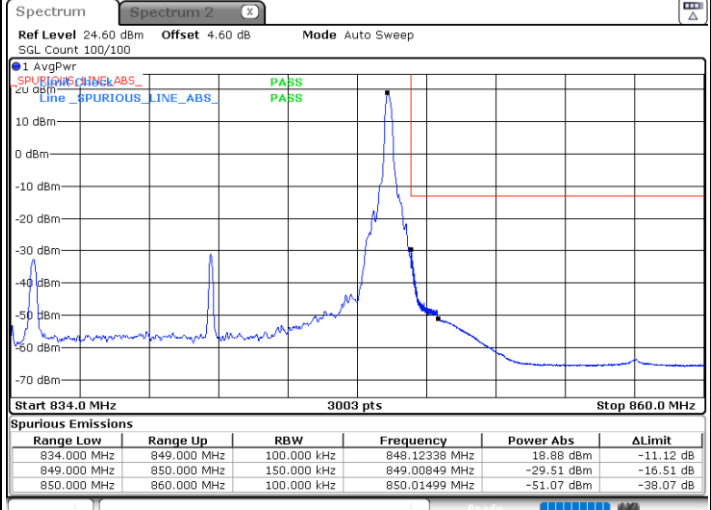
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



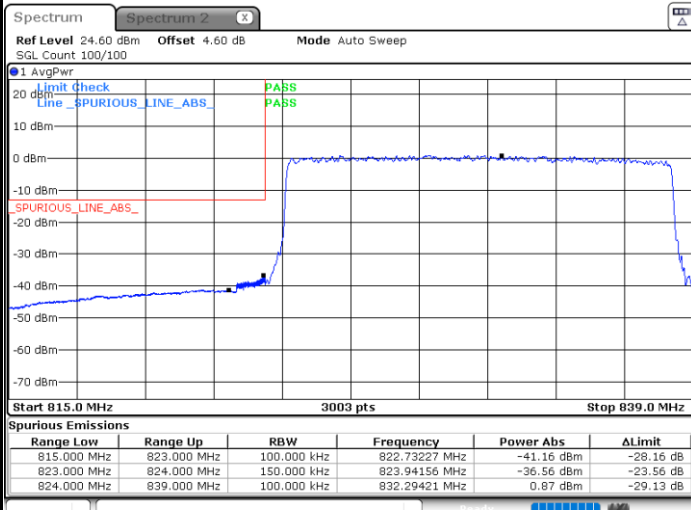
Date: 15.APR.2024 11:27:26

Highest Band Edge / 1 RB



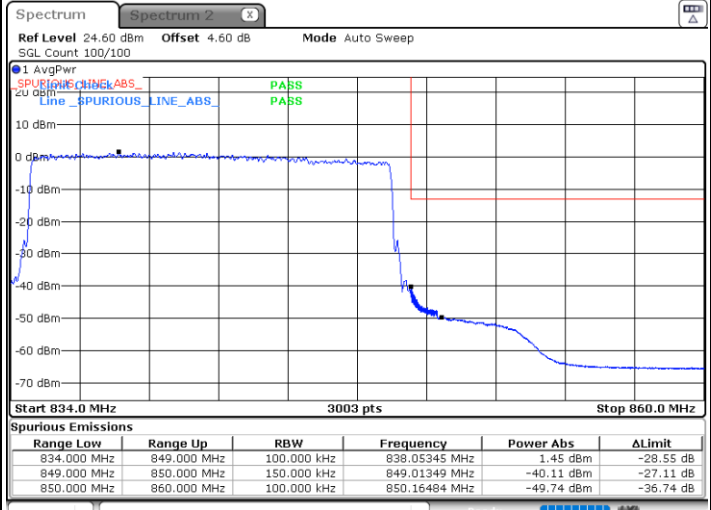
Date: 15.APR.2024 11:39:26

Lowest Band Edge / Full RB



Date: 15.APR.2024 11:29:06

Highest Band Edge / Full RB



Date: 15.APR.2024 11:41:06

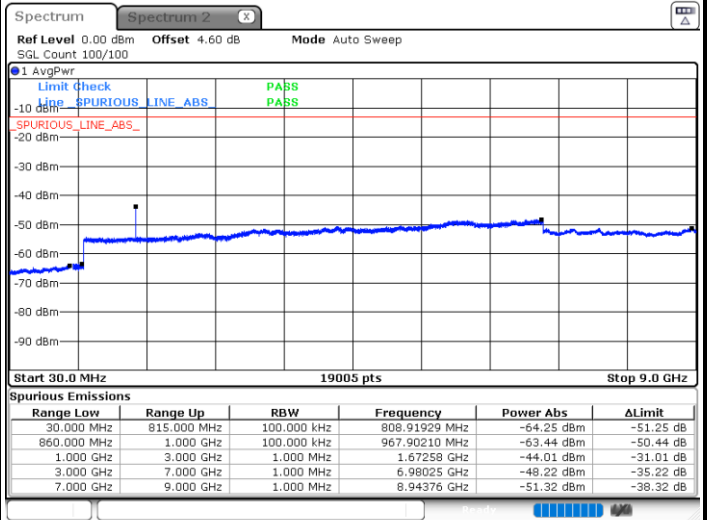
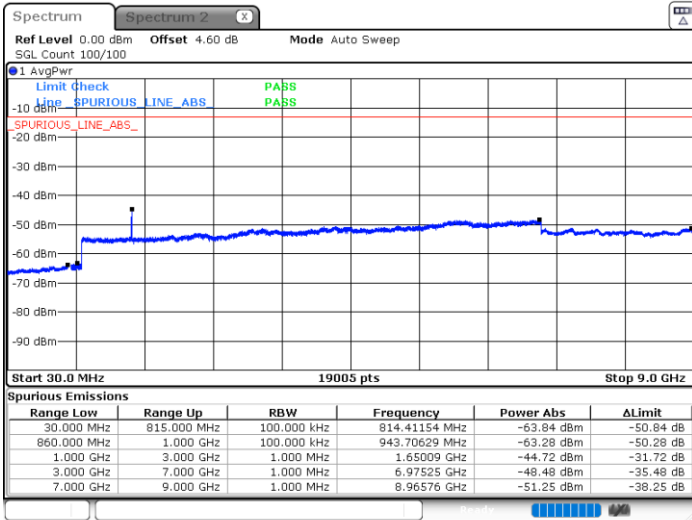


# Conducted Spurious Emission

## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

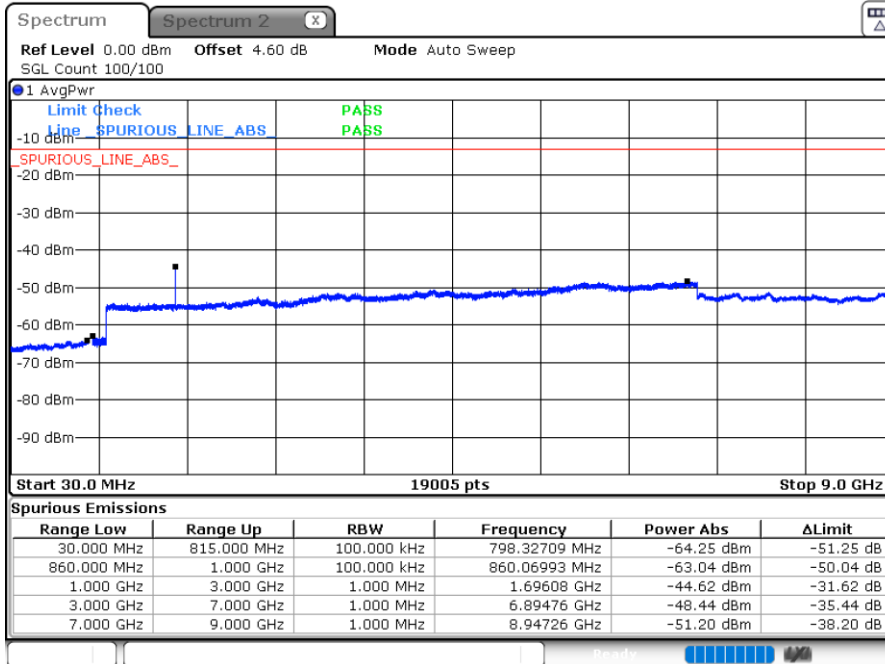
### Middle Channel / QPSK



Date: 15.APR.2024 09:44:46

Date: 15.APR.2024 09:55:47

### Highest Channel / QPSK



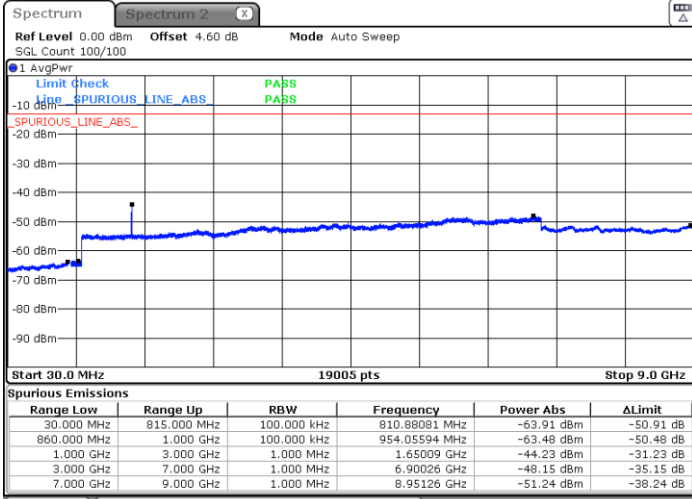
Date: 15.APR.2024 09:56:47



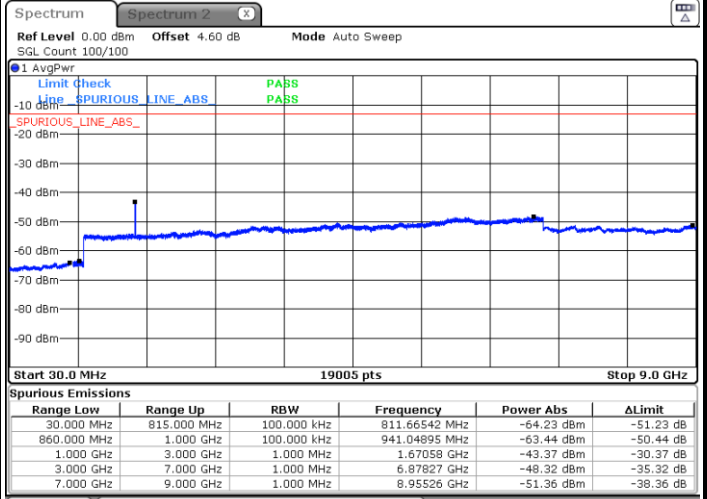
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

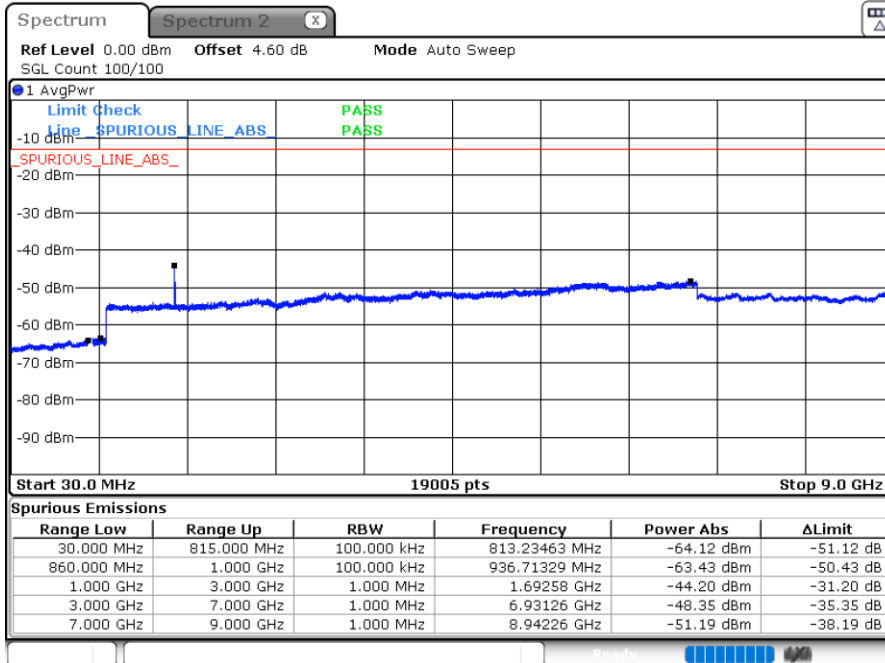


Date: 15.APR.2024 10:07:47



Date: 15.APR.2024 10:18:46

Highest Channel / QPSK



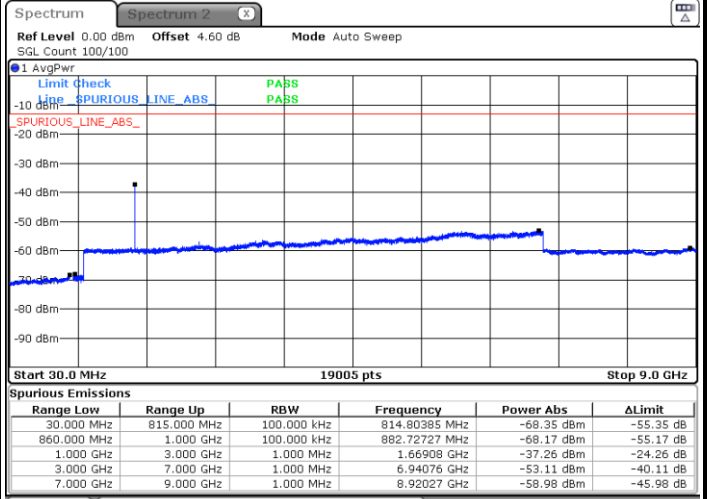
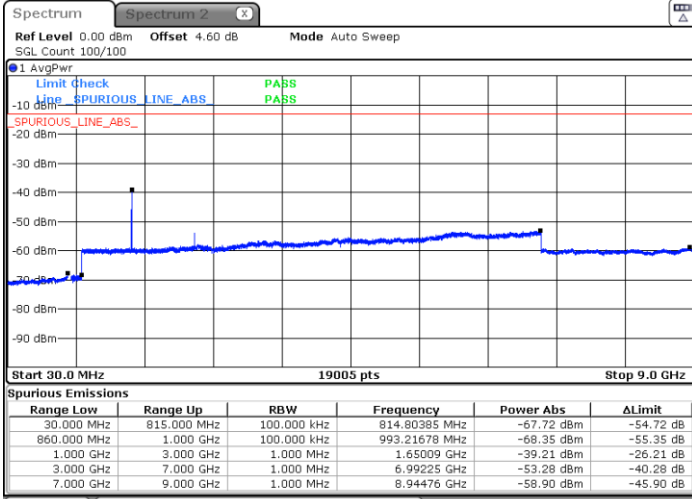
Date: 15.APR.2024 10:19:46



LTE Band 26 / 5MHz

Lowest Channel / QPSK

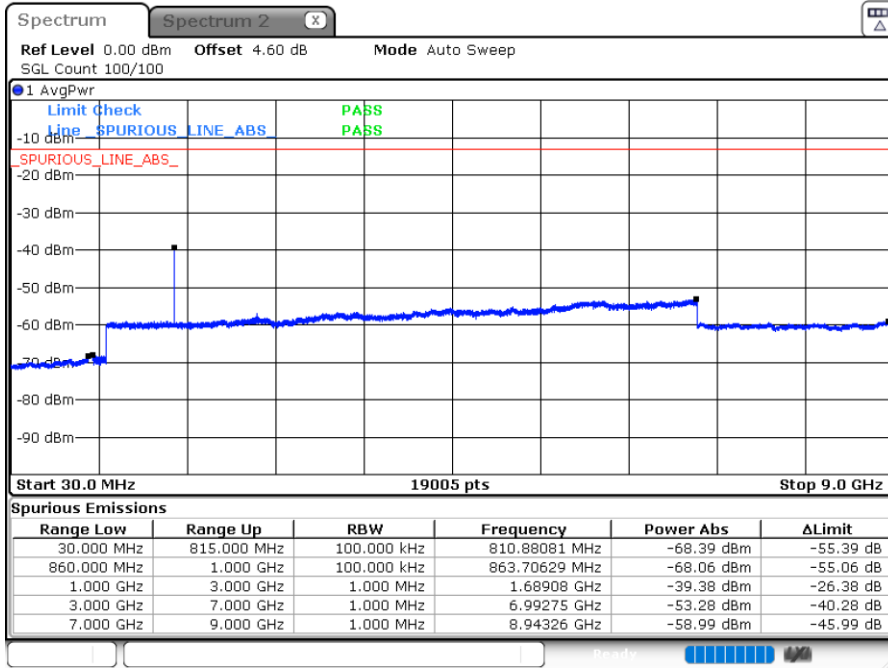
Middle Channel / QPSK



Date: 15.APR.2024 10:30:46

Date: 15.APR.2024 10:41:46

Highest Channel / QPSK



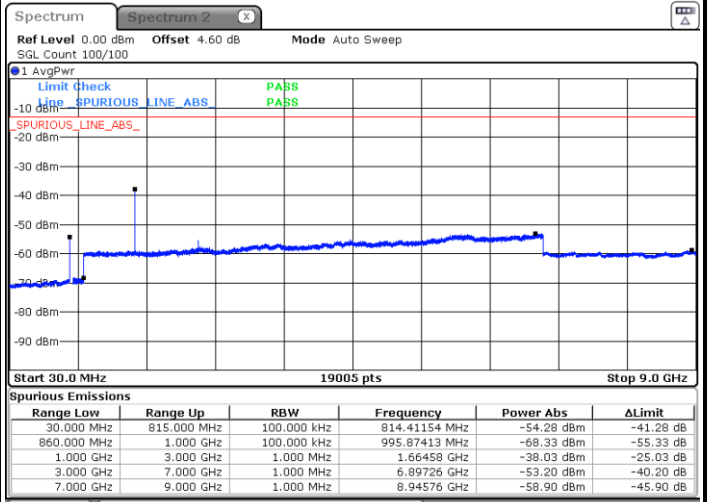
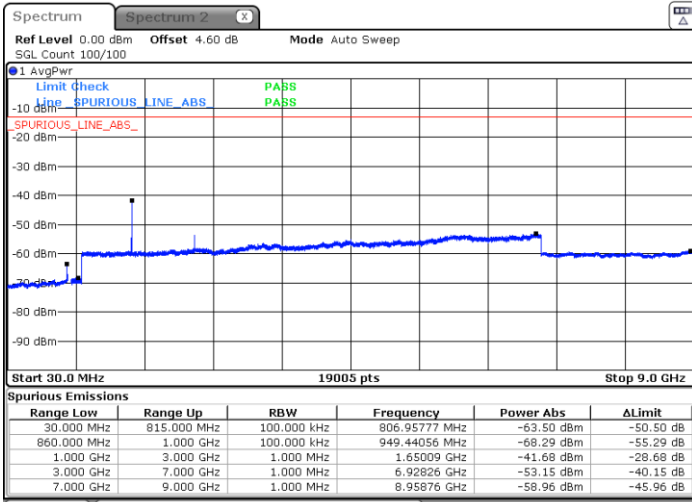
Date: 15.APR.2024 10:42:46



LTE Band 26 / 10MHz

Lowest Channel / QPSK

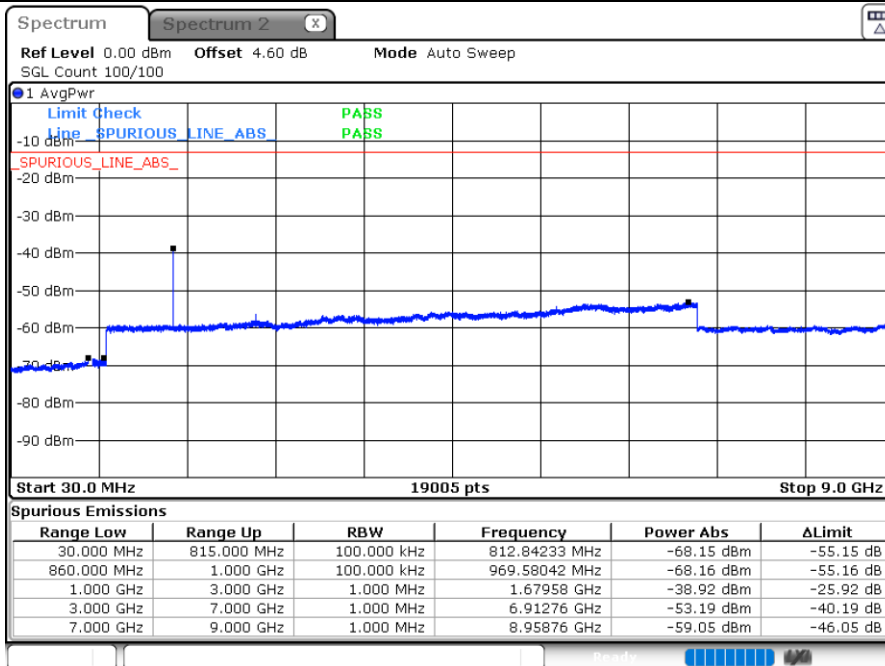
Middle Channel / QPSK



Date: 15.APR.2024 10:53:47

Date: 15.APR.2024 11:10:28

Highest Channel / QPSK



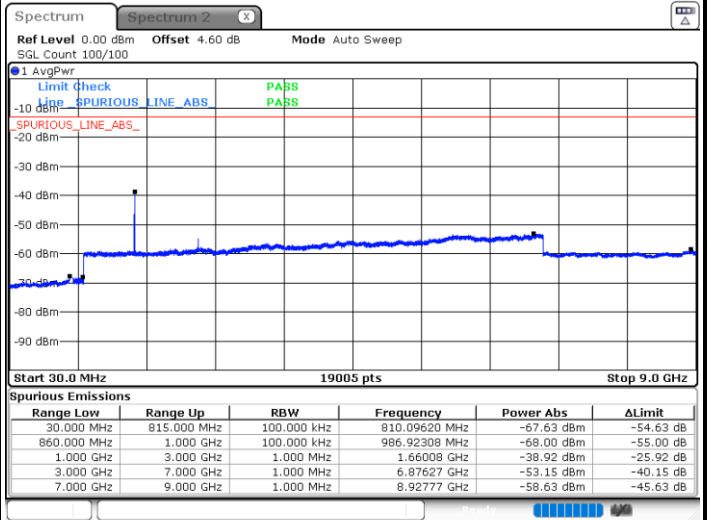
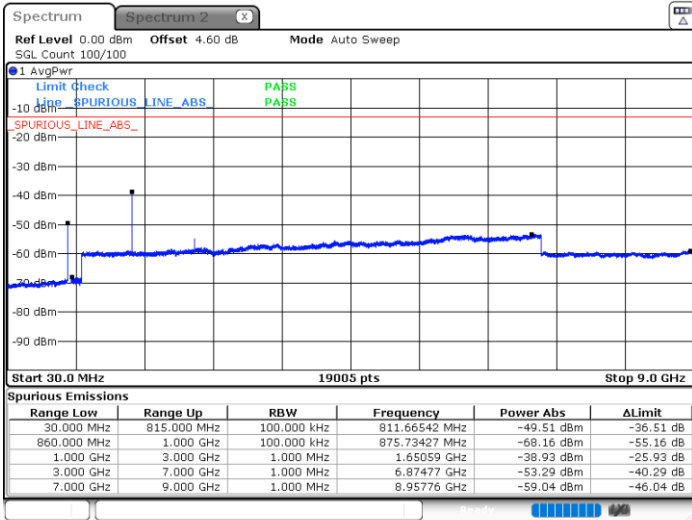
Date: 15.APR.2024 11:11:28



LTE Band 26 / 15MHz

Lowest Channel / QPSK

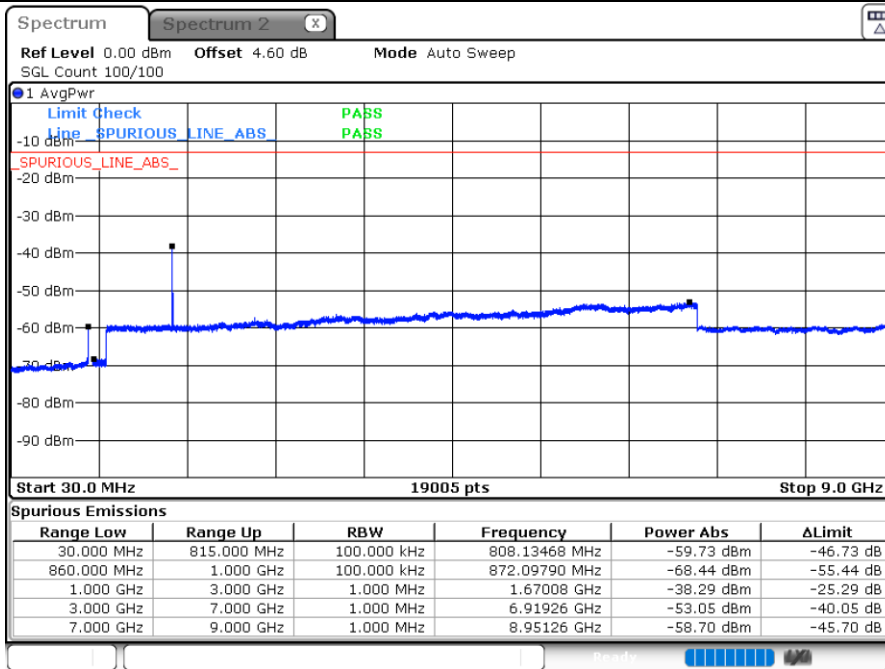
Middle Channel / QPSK



Date: 15.APR.2024 11:22:27

Date: 15.APR.2024 11:33:25

Highest Channel / QPSK



Date: 15.APR.2024 11:34:25



Frequency Stability

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit  |
|------------------|-------------------|-------------------------------------|--------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | 2.5ppm |
|                  |                   | Deviation (ppm)                     | Result |
| 50               | Normal Voltage    | 0.0028                              | PASS   |
| 40               | Normal Voltage    | 0.0016                              |        |
| 30               | Normal Voltage    | 0.0024                              |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |        |
| 10               | Normal Voltage    | 0.0013                              |        |
| 0                | Normal Voltage    | 0.0008                              |        |
| -10              | Normal Voltage    | 0.0018                              |        |
| -20              | Normal Voltage    | 0.0024                              |        |
| -30              | Normal Voltage    | 0.0026                              |        |
| 20               | Maximum Voltage   | 0.0017                              |        |
| 20               | Normal Voltage    | 0.0000                              |        |
| 20               | Battery End Point | 0.0022                              |        |

Note:

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.26 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

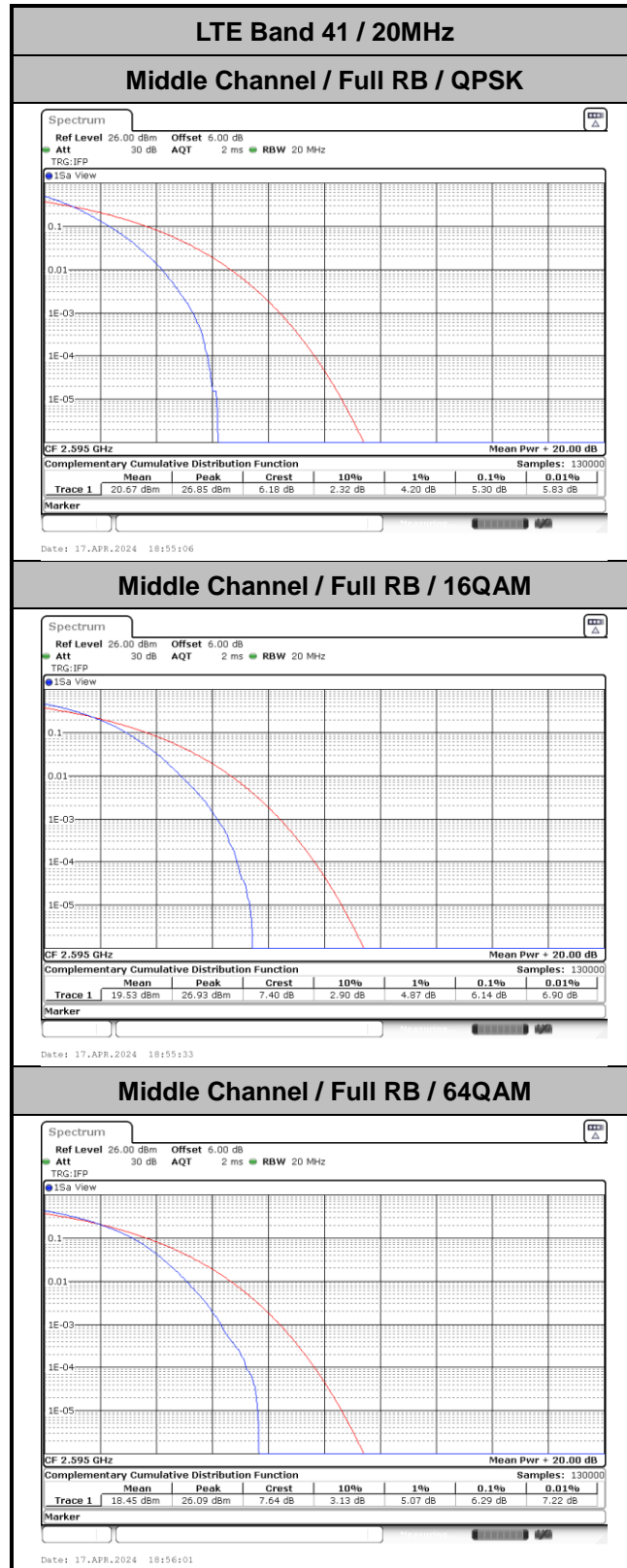


## LTE Band 41

### Peak-to-Average Ratio

| Mode      | LTE Band 41 / 20MHz |         |         |             |
|-----------|---------------------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Result      |
| Middle CH | 5.30                | 6.14    | 6.29    | <b>PASS</b> |

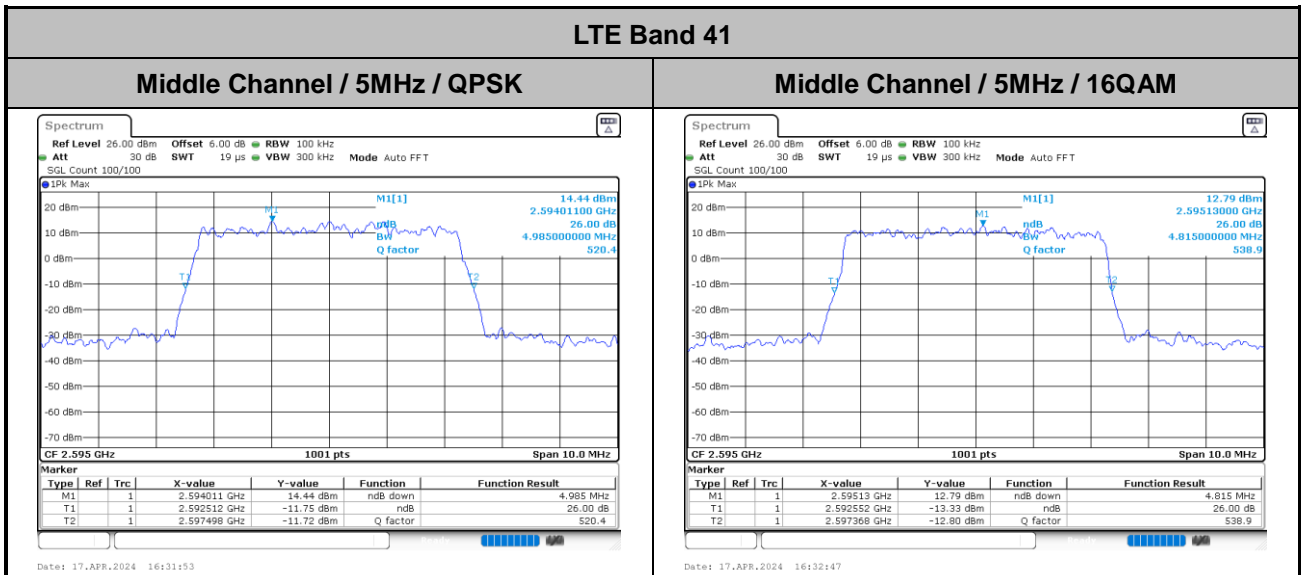






## 26dB Bandwidth

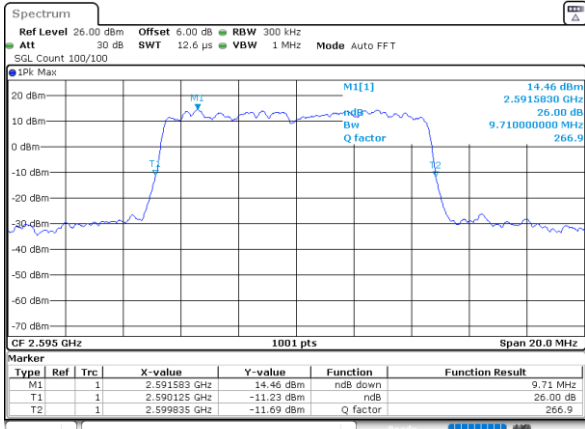
| Mode             | LTE Band 41 : 26dB BW(MHz) |              |
|------------------|----------------------------|--------------|
| <b>BW</b>        | <b>5MHz</b>                |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 4.99                       | 4.82         |
| <b>BW</b>        | <b>10MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 9.71                       | 9.77         |
| <b>BW</b>        | <b>15MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 15.29                      | 14.18        |
| <b>BW</b>        | <b>20MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>                | <b>16QAM</b> |
| <b>Middle CH</b> | 19.02                      | 18.74        |





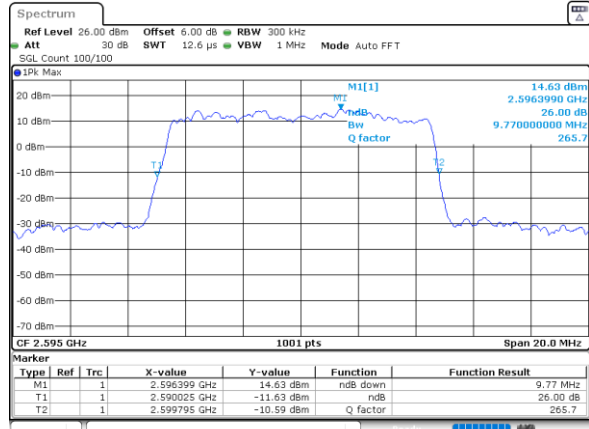
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 17\_APR\_2024 17:03:23

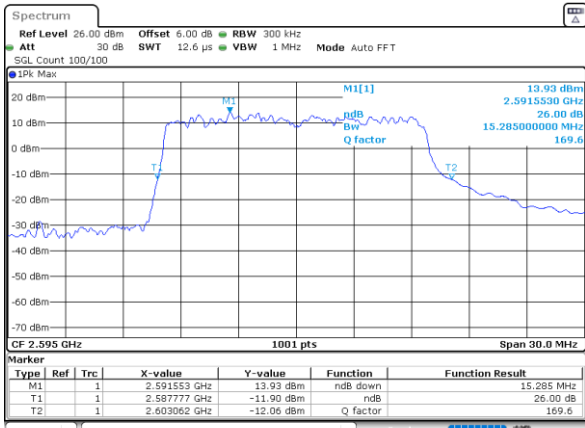
Middle Channel / 10MHz / 16QAM



Date: 17\_APR\_2024 17:04:15

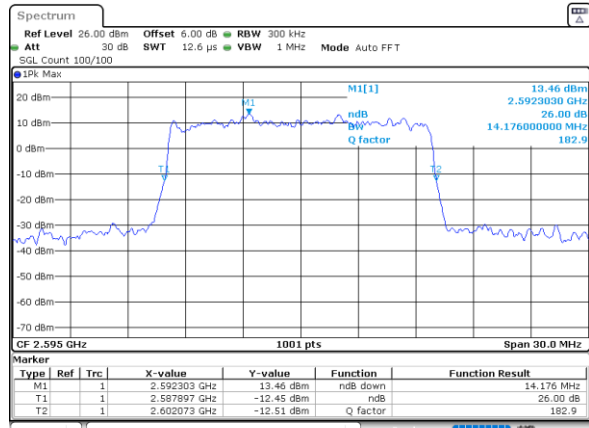
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 17\_APR\_2024 17:32:11

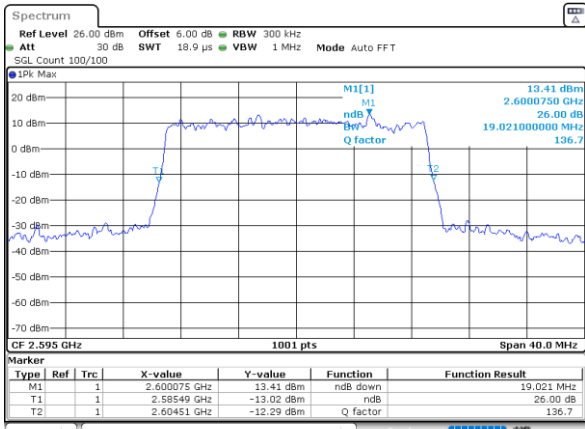
Middle Channel / 15MHz / 16QAM



Date: 17\_APR\_2024 17:32:51

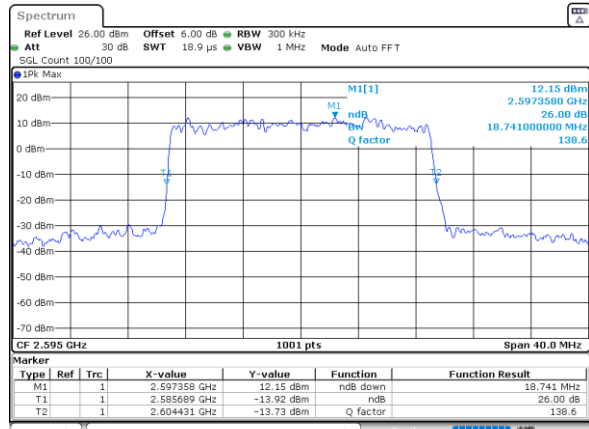
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 17\_APR\_2024 18:53:44

Middle Channel / 20MHz / 16QAM

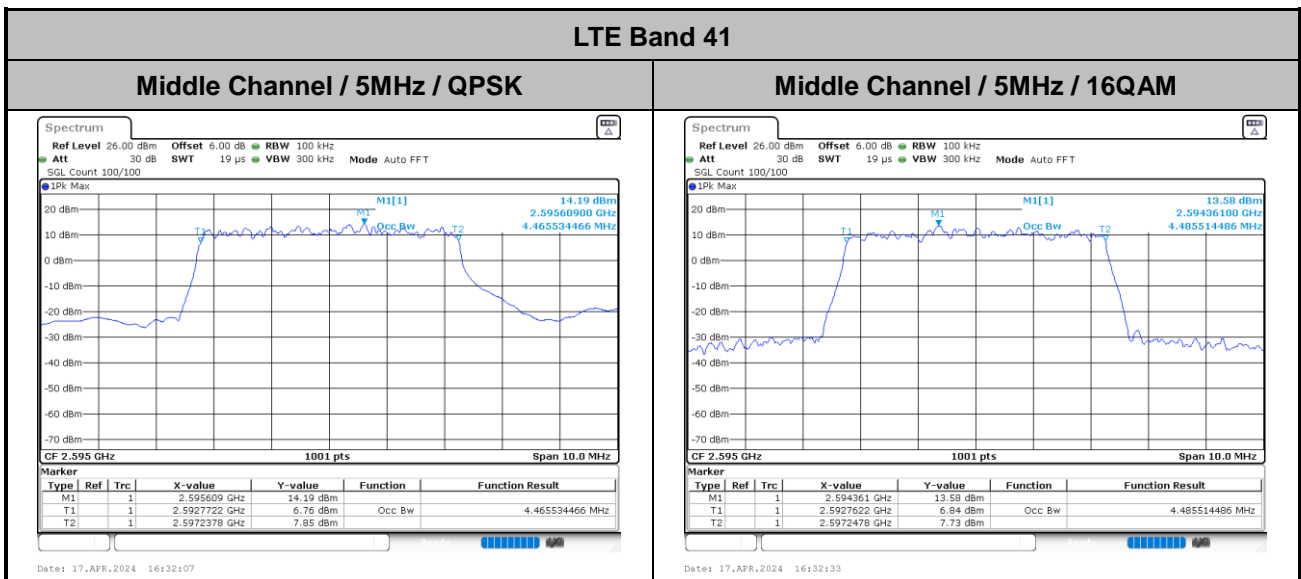


Date: 17\_APR\_2024 18:54:39



# Occupied Bandwidth

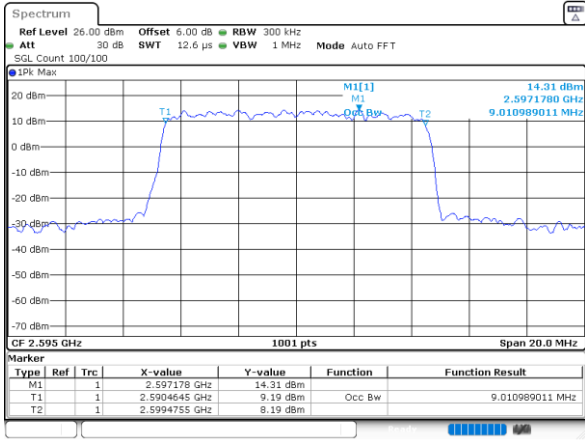
| Mode             | LTE Band 41 : 99%OBW(MHz) |              |
|------------------|---------------------------|--------------|
| <b>BW</b>        | <b>5MHz</b>               |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 4.47                      | 4.49         |
| <b>BW</b>        | <b>10MHz</b>              |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 9.01                      | 9.01         |
| <b>BW</b>        | <b>15MHz</b>              |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 13.43                     | 13.34        |
| <b>BW</b>        | <b>20MHz</b>              |              |
| <b>Mod.</b>      | <b>QPSK</b>               | <b>16QAM</b> |
| <b>Middle CH</b> | 17.90                     | 17.82        |





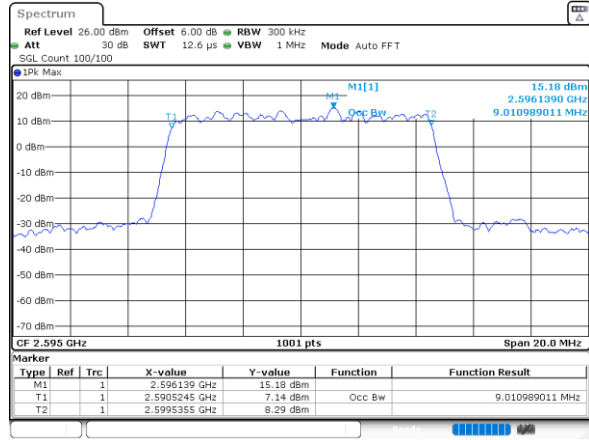
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 17\_APR\_2024 17:03:35

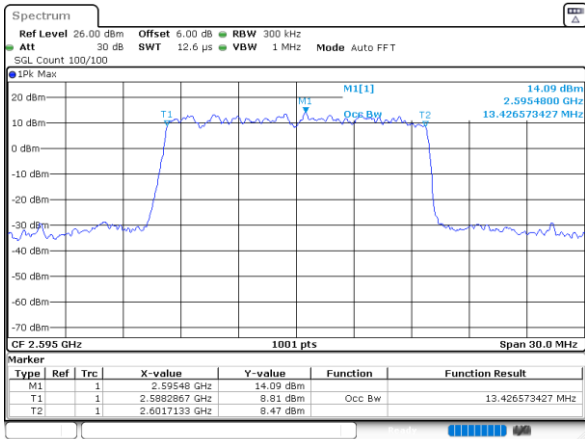
Middle Channel / 10MHz / 16QAM



Date: 17\_APR\_2024 17:04:01

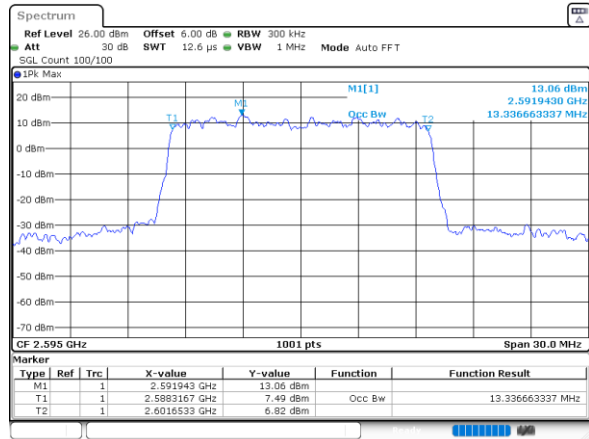
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 17\_APR\_2024 17:32:25

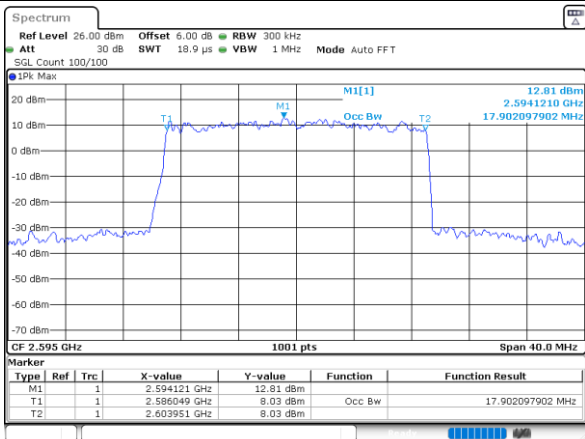
Middle Channel / 15MHz / 16QAM



Date: 17\_APR\_2024 17:33:05

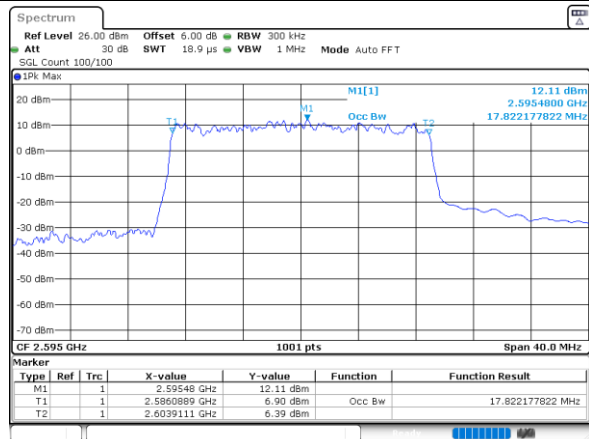
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 17\_APR\_2024 18:53:58

Middle Channel / 20MHz / 16QAM



Date: 17\_APR\_2024 18:54:25