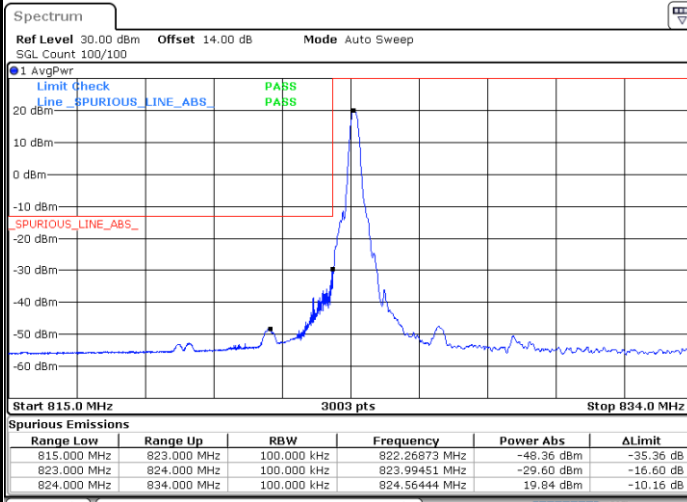




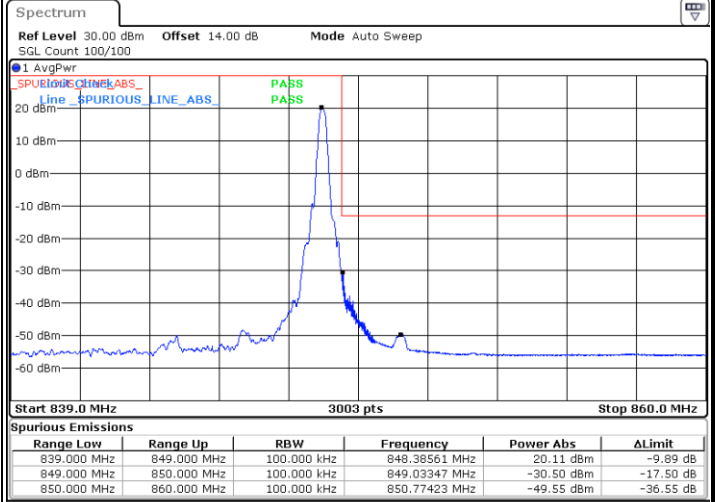
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



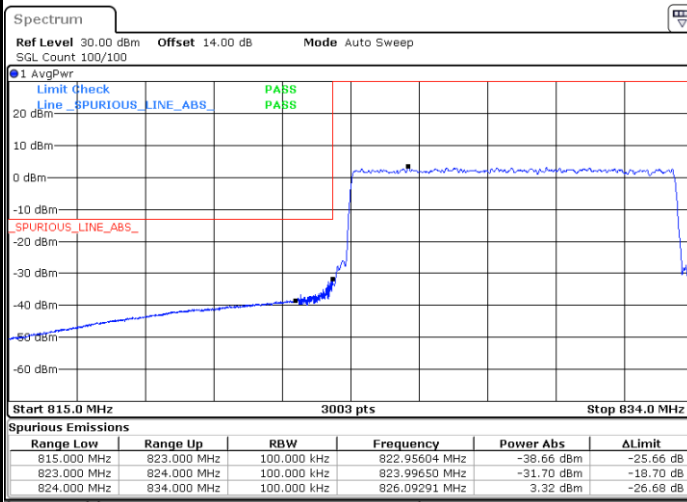
Date: 8.NOV.2024 19:37:16

Highest Band Edge / 1 RB



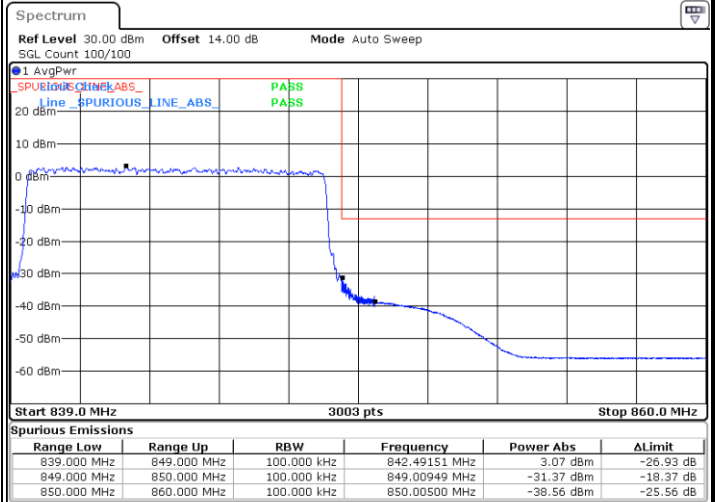
Date: 8.NOV.2024 19:45:39

Lowest Band Edge / Full RB



Date: 8.NOV.2024 19:38:02

Highest Band Edge / Full RB



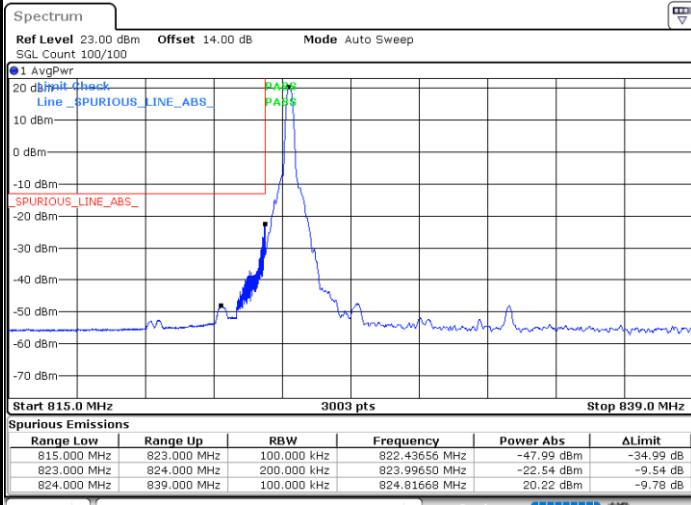
Date: 8.NOV.2024 19:46:28



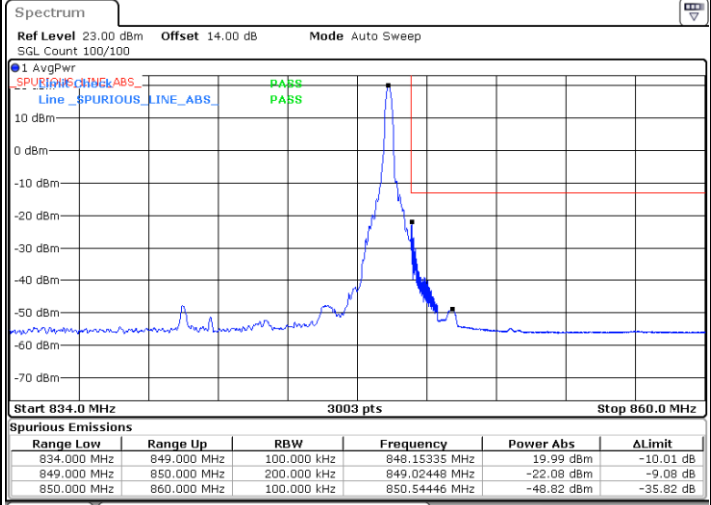
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1RB

Highest Band Edge / 1RB



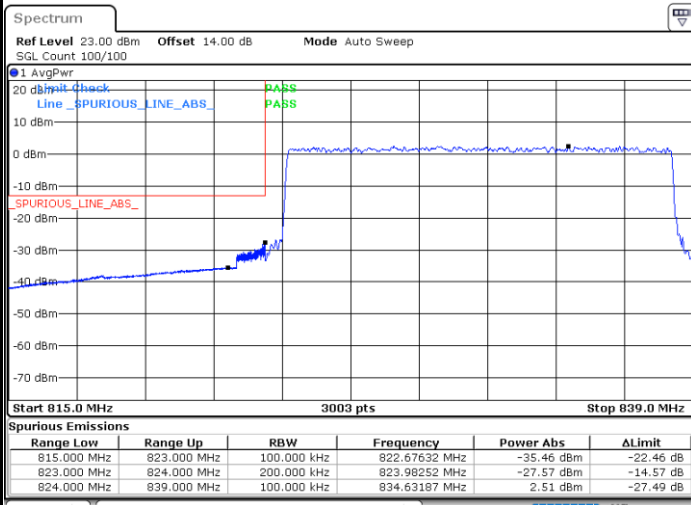
Date: 8.NOV.2024 19:50:45



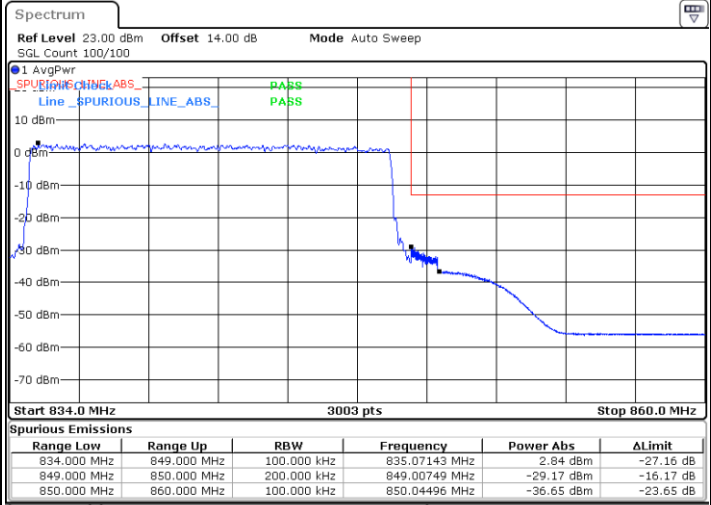
Date: 8.NOV.2024 20:00:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.NOV.2024 19:54:31

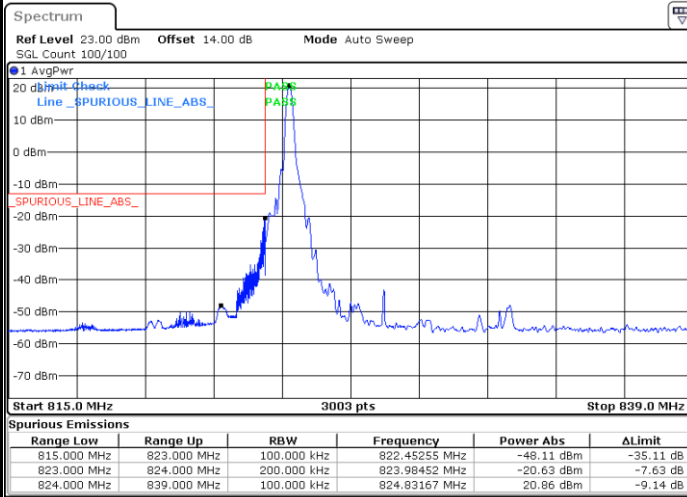


Date: 8.NOV.2024 20:04:25



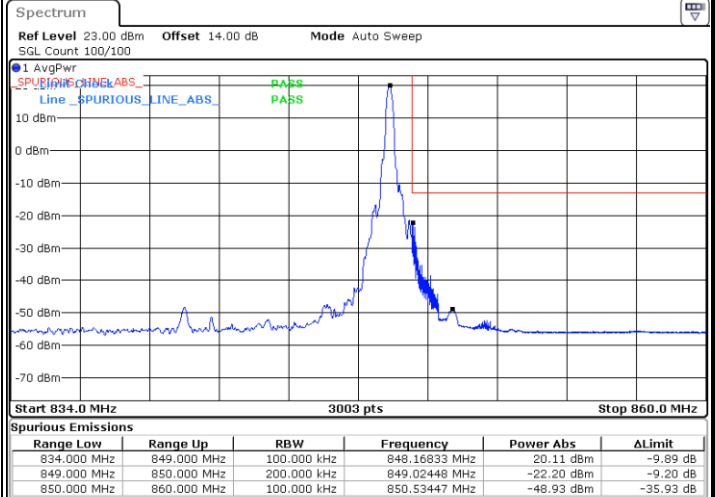
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



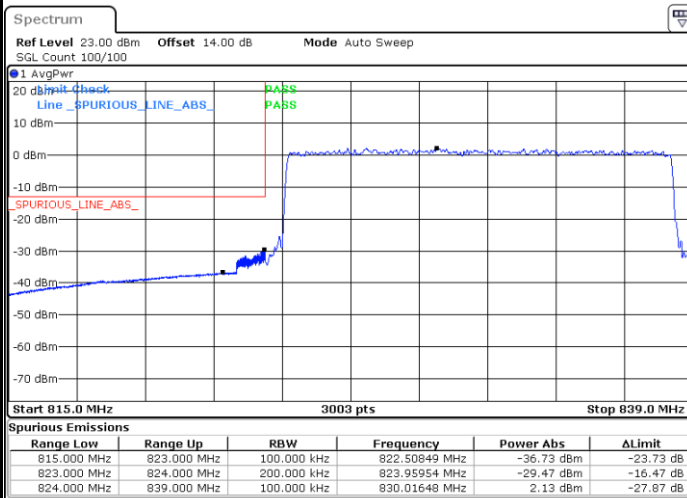
Date: 8.NOV.2024 19:51:30

Highest Band Edge / 1 RB



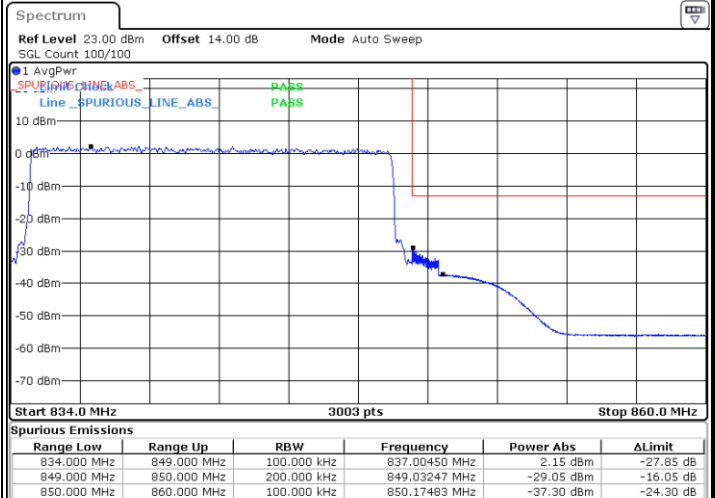
Date: 8.NOV.2024 20:01:11

Lowest Band Edge / Full RB



Date: 8.NOV.2024 19:53:46

Highest Band Edge / Full RB

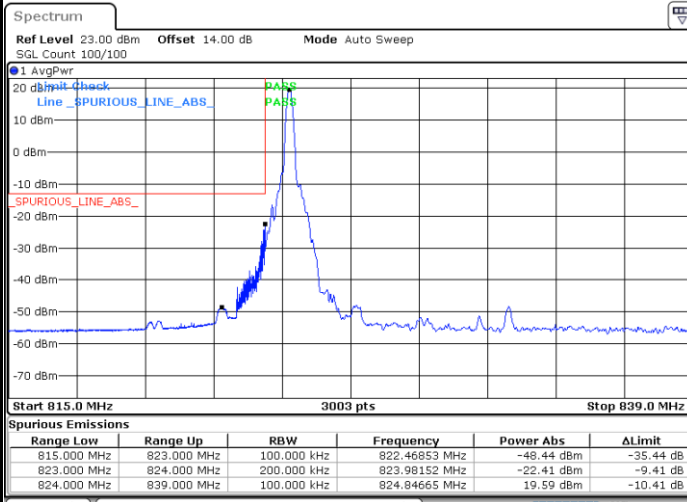


Date: 8.NOV.2024 20:03:36



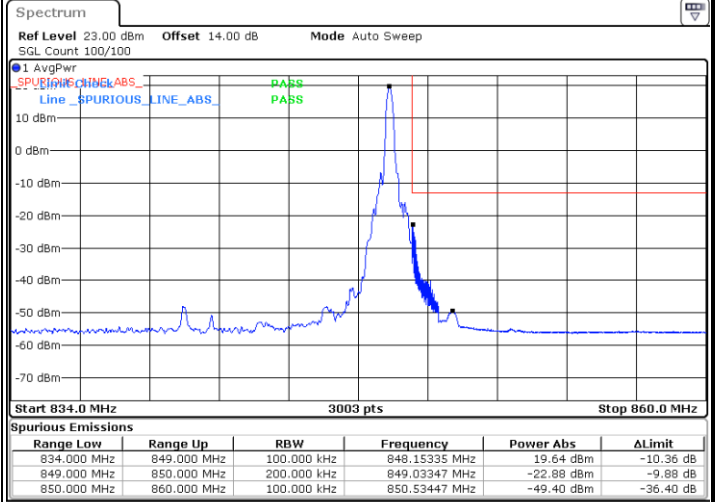
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



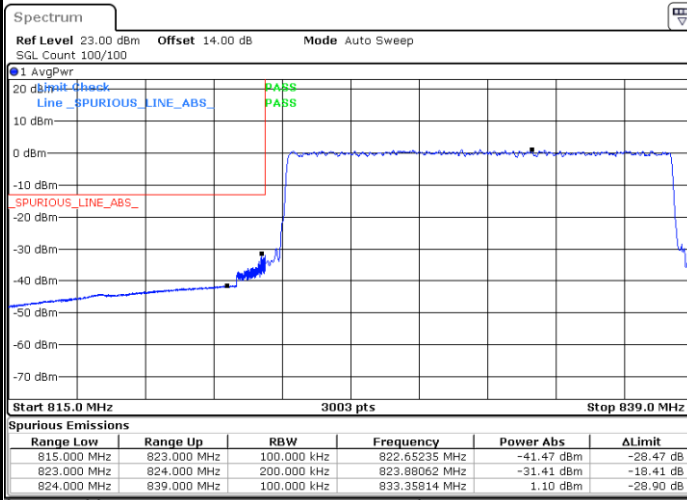
Date: 8.NOV.2024 19:52:15

Highest Band Edge / 1 RB



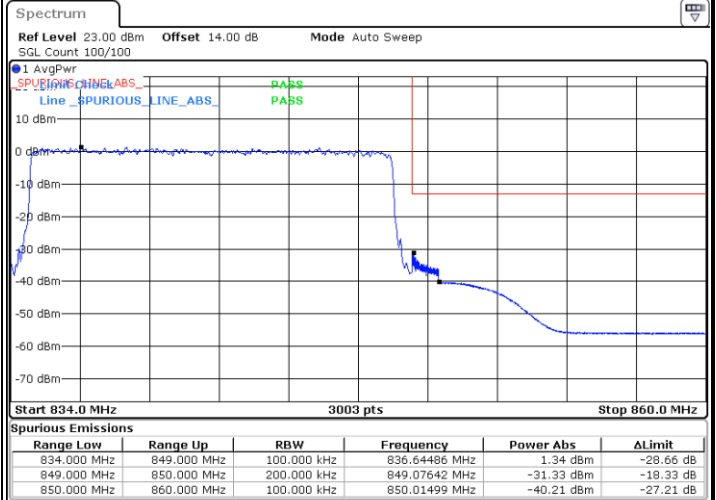
Date: 8.NOV.2024 20:01:59

Lowest Band Edge / Full RB



Date: 8.NOV.2024 19:53:00

Highest Band Edge / Full RB



Date: 8.NOV.2024 20:02:48

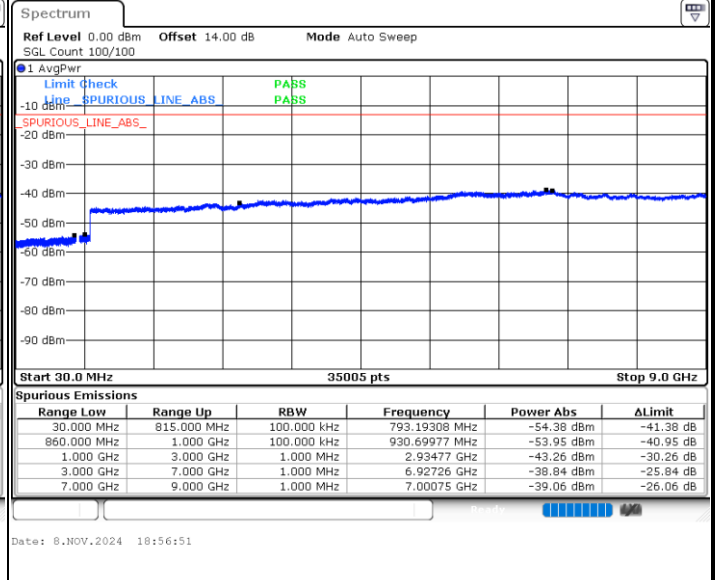
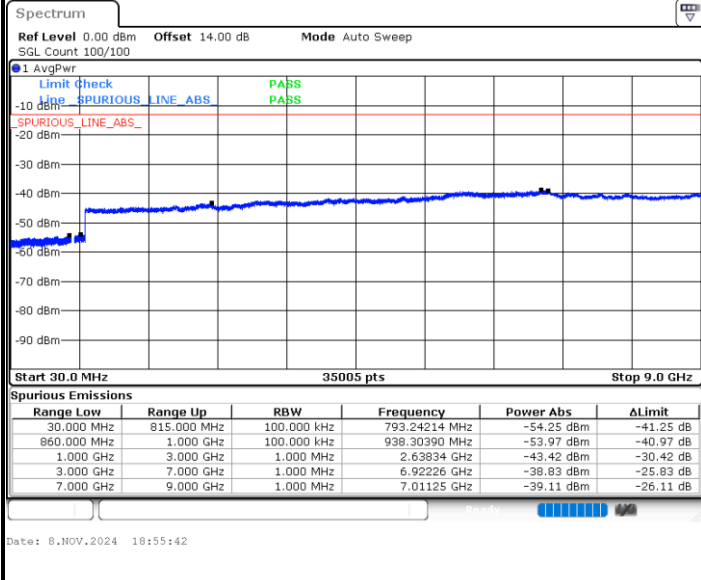


# Conducted Spurious Emission

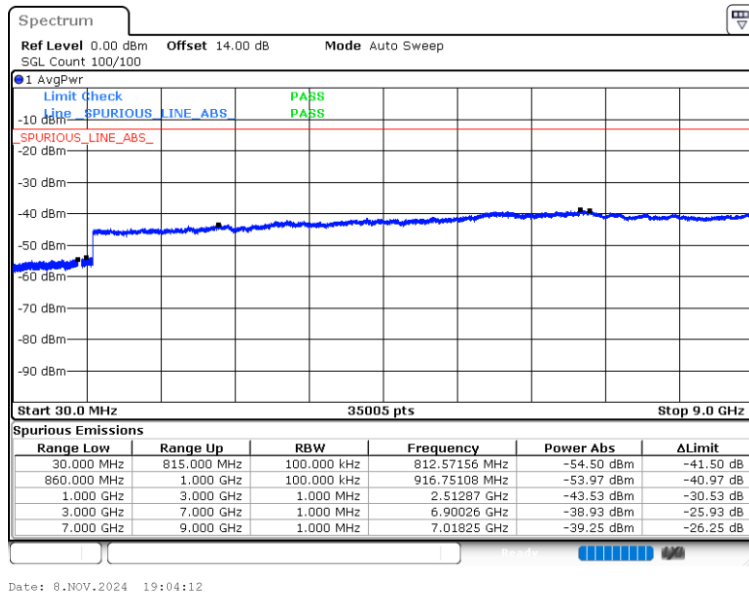
## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

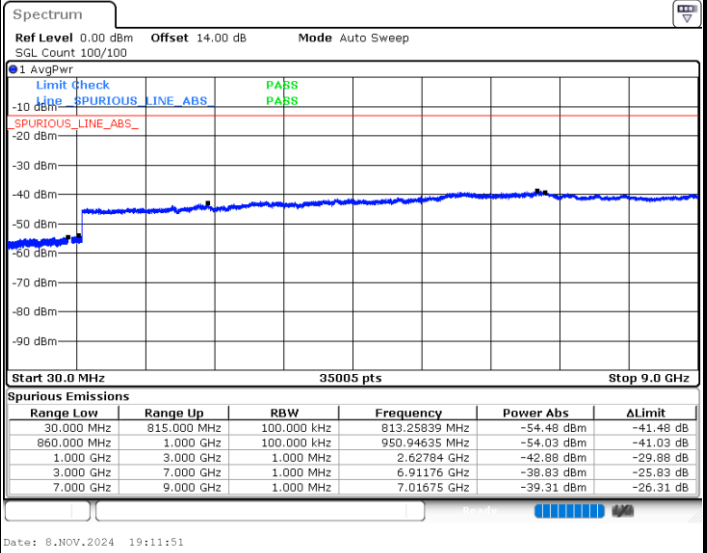
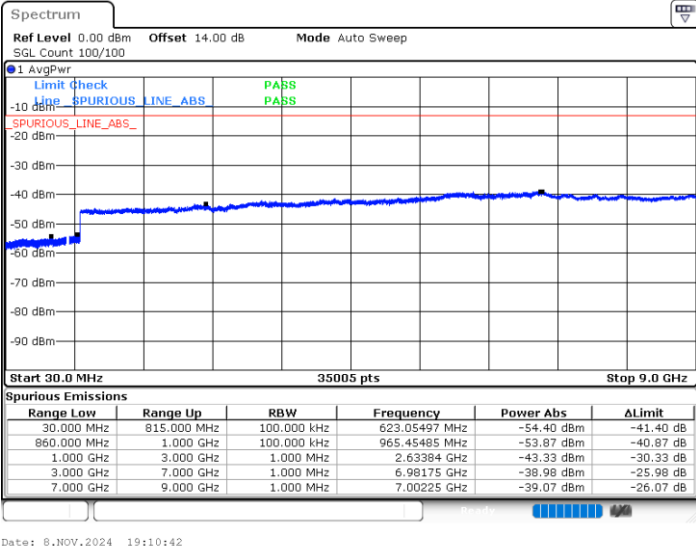




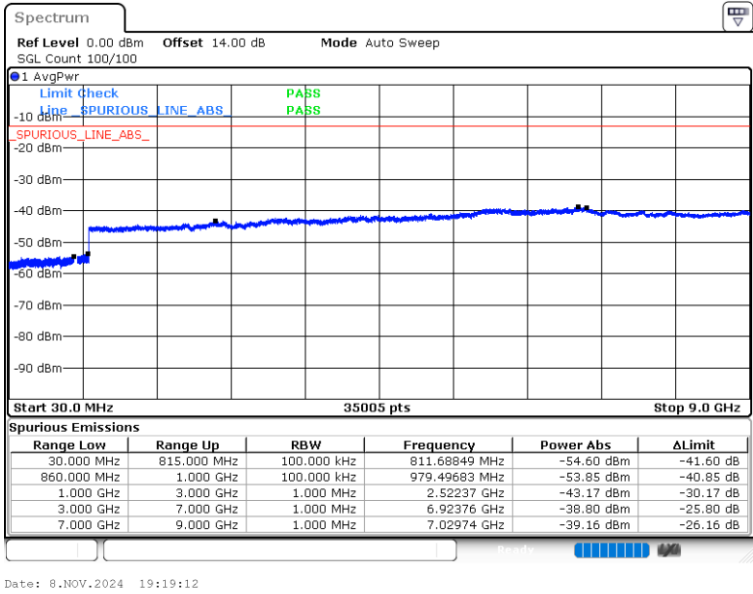
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

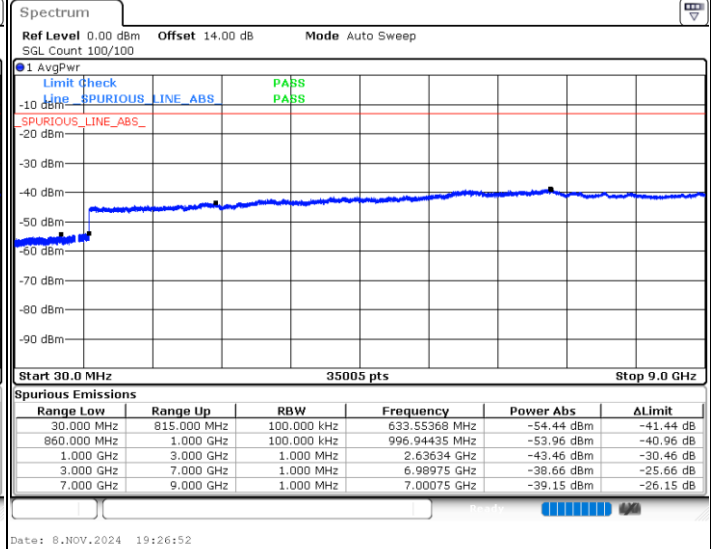
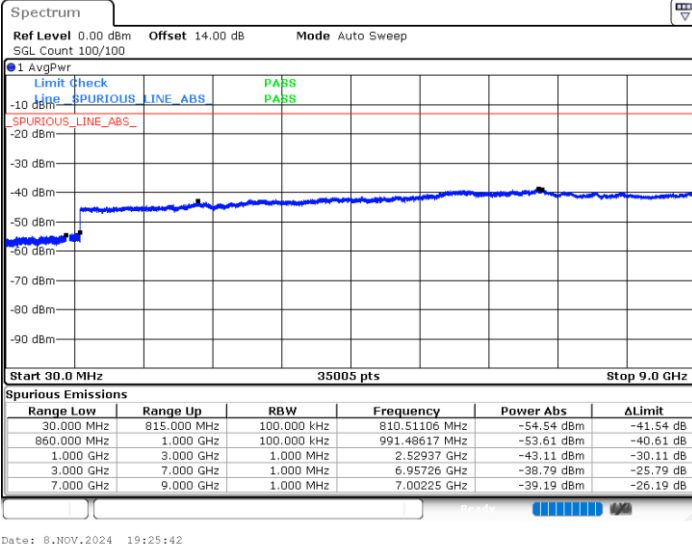




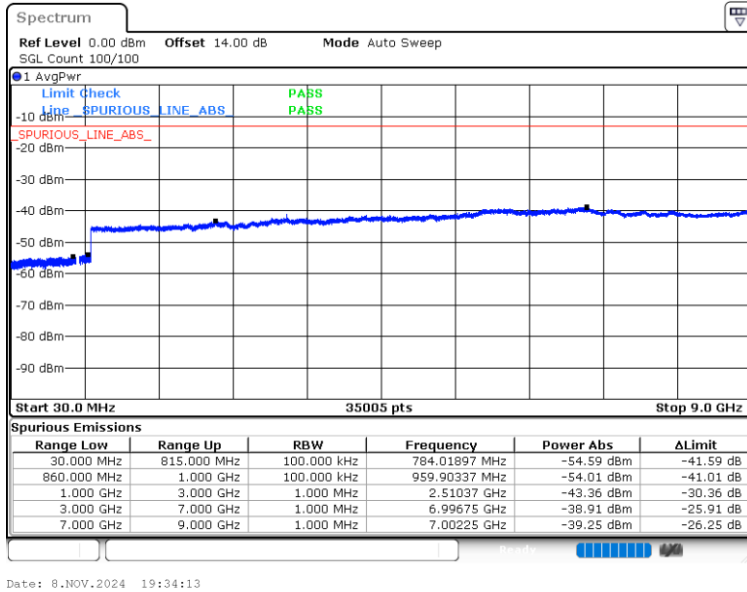
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



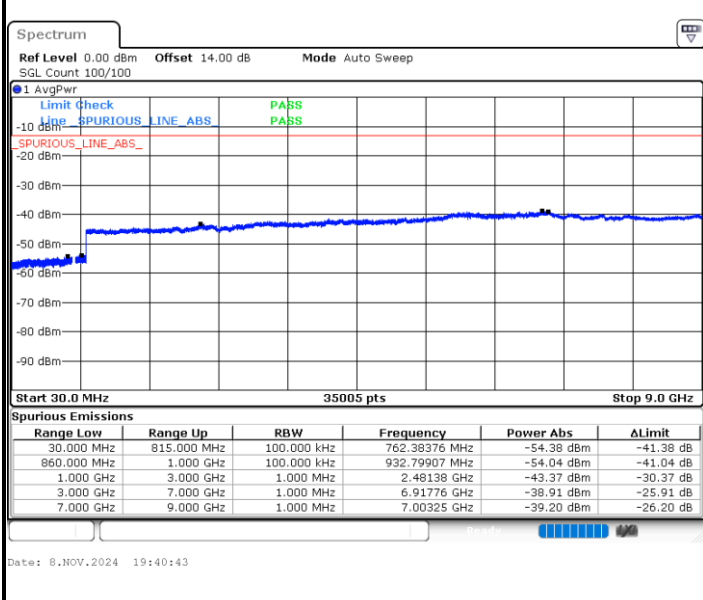
Highest Channel / QPSK



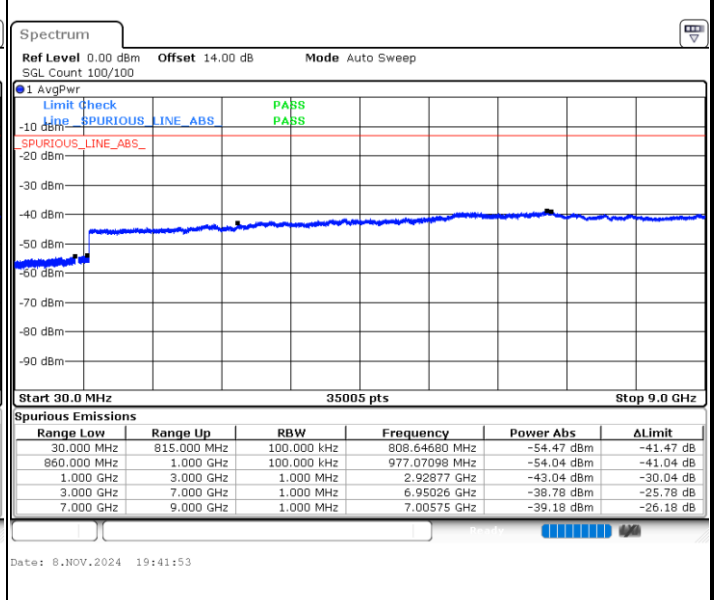


**LTE Band 26 / 10MHz**

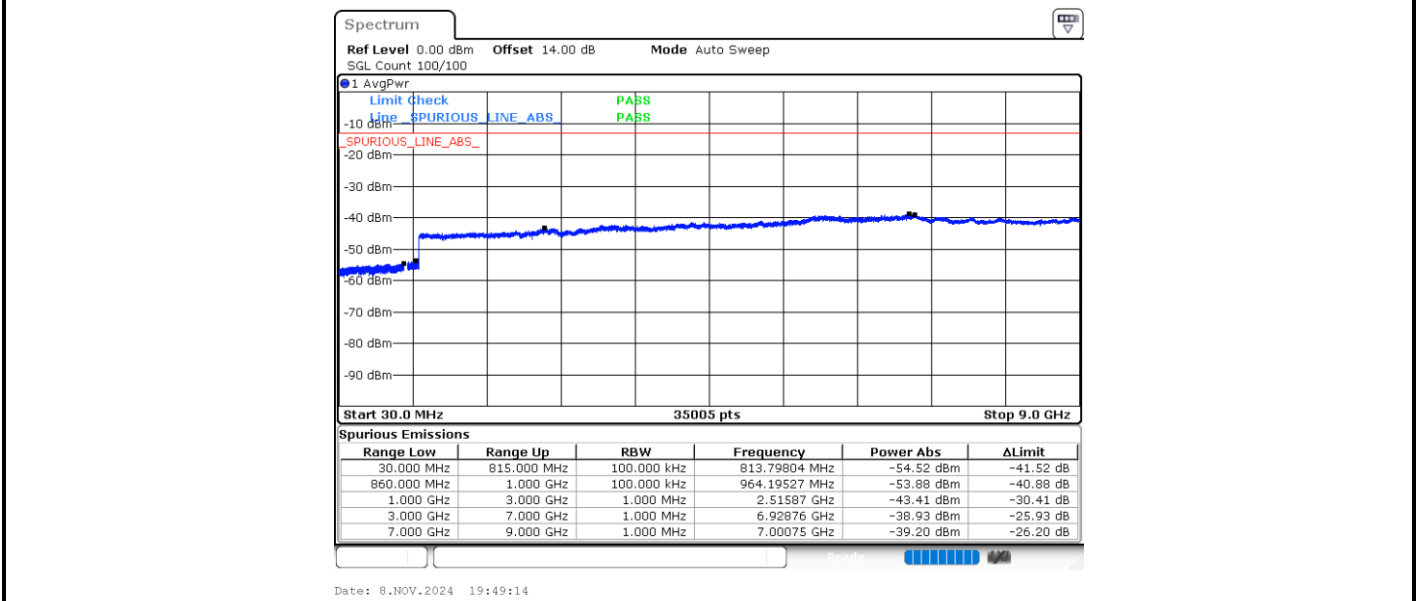
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

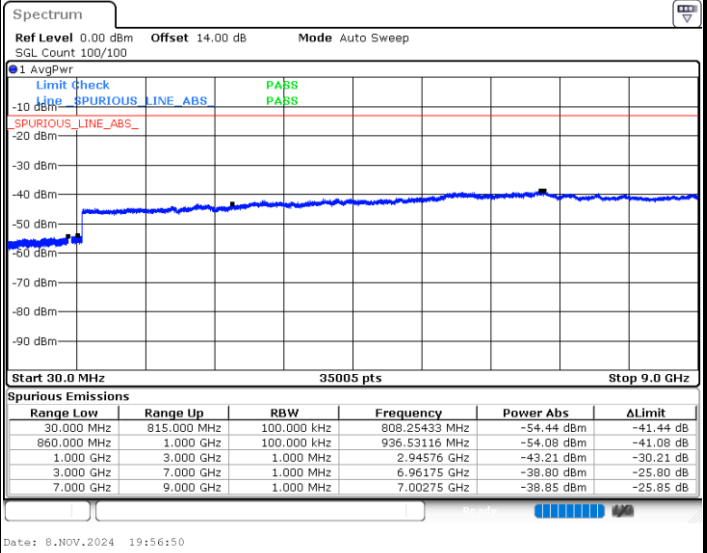
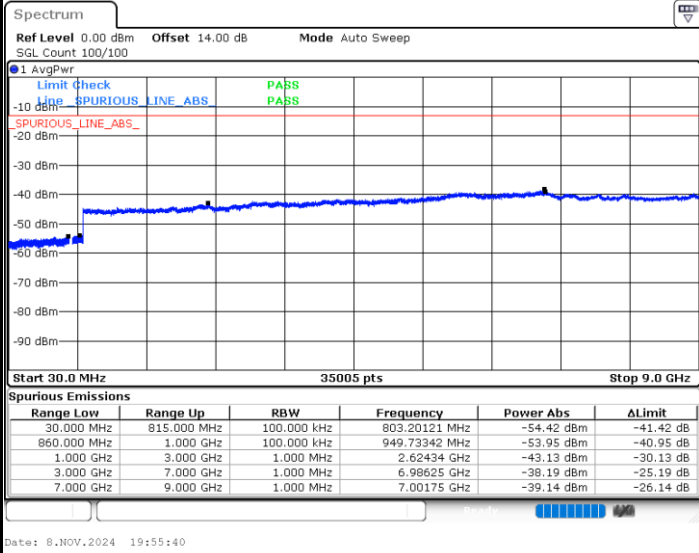




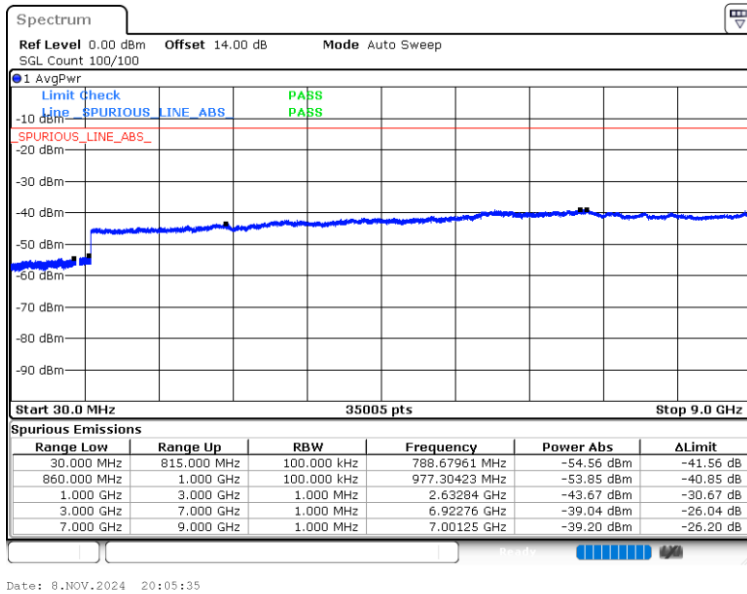
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





### 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    | 0.0013                              | PASS     |
| 40               | Normal Voltage    | 0.0001                              |          |
| 30               | Normal Voltage    | 0.0005                              |          |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |          |
| 10               | Normal Voltage    | 0.0004                              |          |
| 0                | Normal Voltage    | 0.0008                              |          |
| -10              | Normal Voltage    | 0.0001                              |          |
| -20              | Normal Voltage    | 0.0002                              |          |
| -30              | Normal Voltage    | 0.0012                              |          |
| 20               | Maximum Voltage   | 0.0031                              |          |
| 20               | Normal Voltage    | 0.0000                              |          |
| 20               | Battery End Point | 0.0013                              |          |

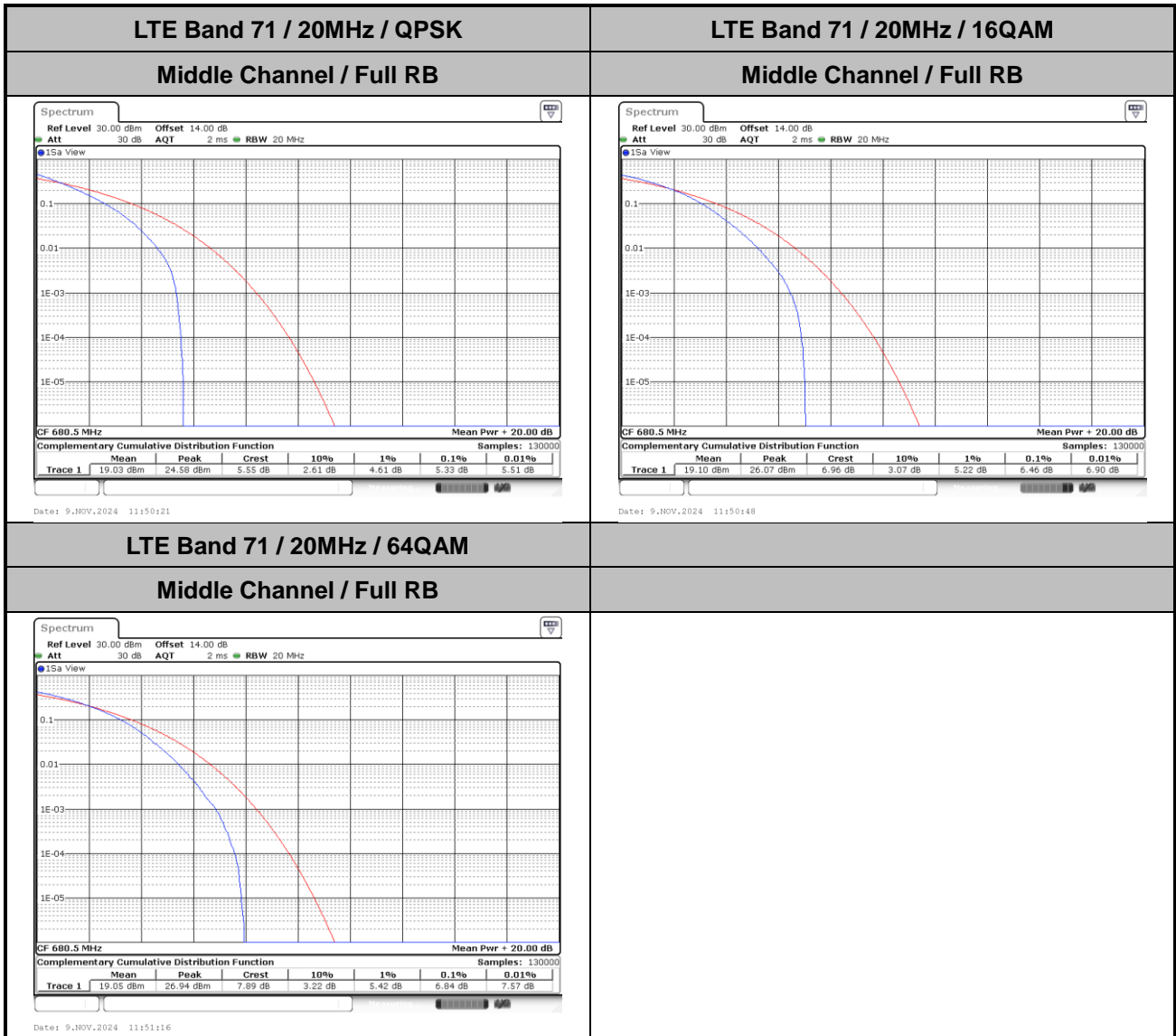
**Note:** Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.4 V.; Maximum Voltage = 4.5 V.



## LTE Band 71

### Peak-to-Average Ratio

| Mode      | LTE Band 71 / 20MHz |         |         |             |
|-----------|---------------------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Result      |
| Middle CH | 5.33                | 6.46    | 6.84    | <b>PASS</b> |





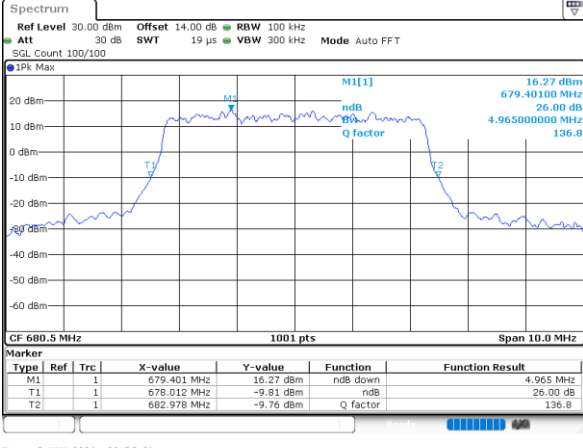
## 26dB Bandwidth

| Mode      | LTE Band 71 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|           | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | -                          | -     | -    | -     | 4.97 | 5.04  | 9.69  | 9.79  | 14.60 | 14.72 | 18.90 | 18.94 |



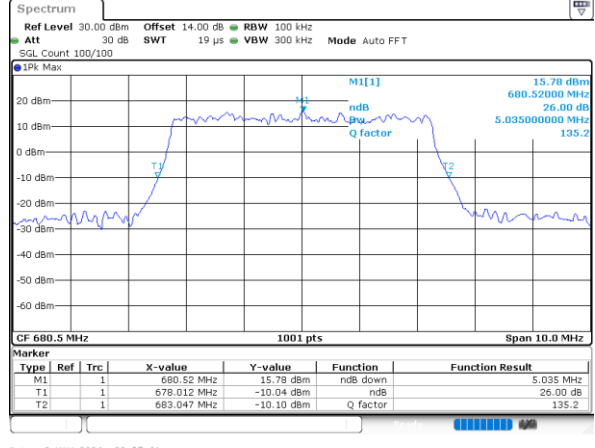
LTE Band 71

Middle Channel / 5MHz / QPSK



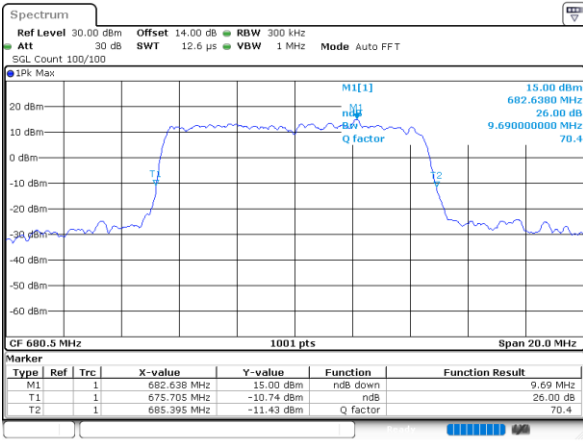
Date: 8,NOV,2024 22:56:21

Middle Channel / 5MHz / 16QAM



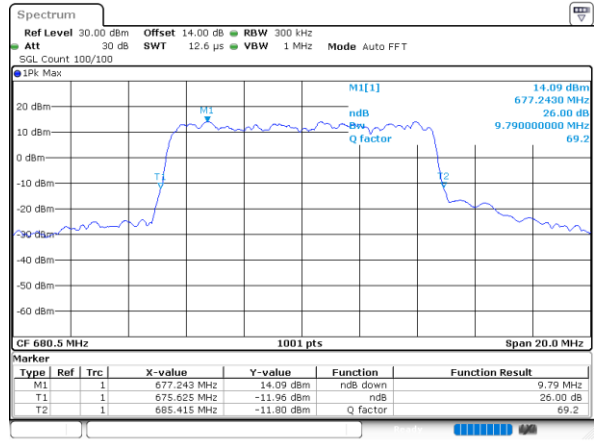
Date: 8,NOV,2024 22:57:01

Middle Channel / 10MHz / QPSK



Date: 9,NOV,2024 11:18:24

Middle Channel / 10MHz / 16QAM

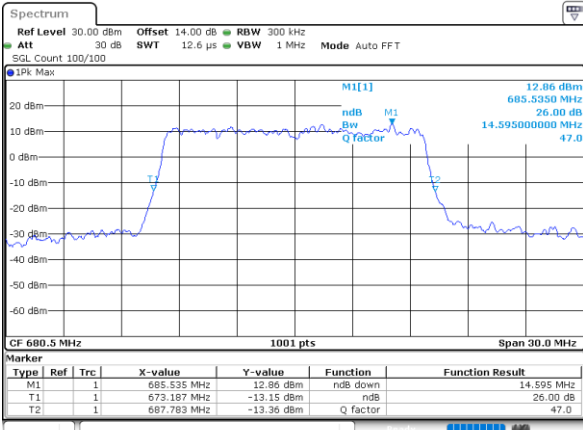


Date: 9,NOV,2024 11:19:04



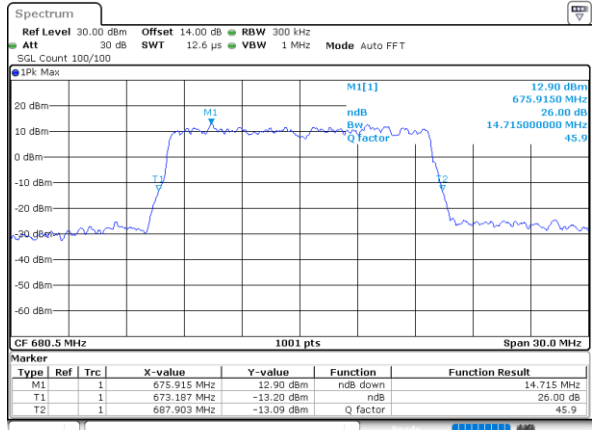
LTE Band 71

Middle Channel / 15MHz / QPSK



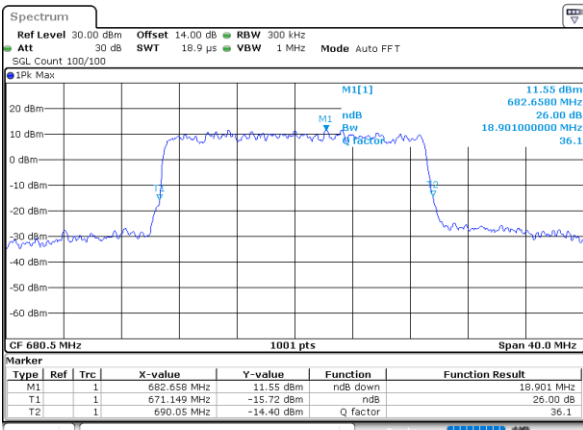
Date: 9,NOV,2024 11:33:48

Middle Channel / 15MHz / 16QAM



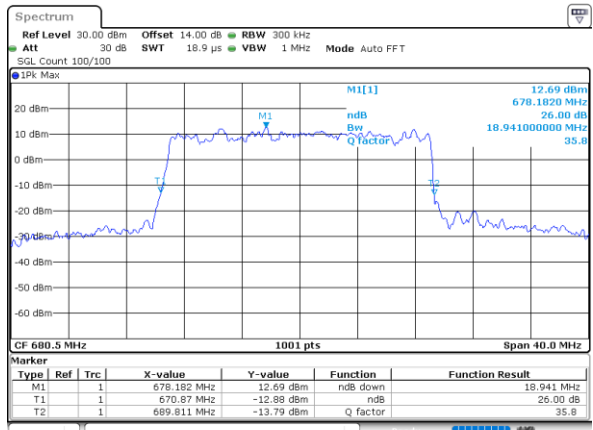
Date: 9,NOV,2024 11:34:28

Middle Channel / 20MHz / QPSK



Date: 9,NOV,2024 11:49:14

Middle Channel / 20MHz / 16QAM



Date: 9,NOV,2024 11:49:54



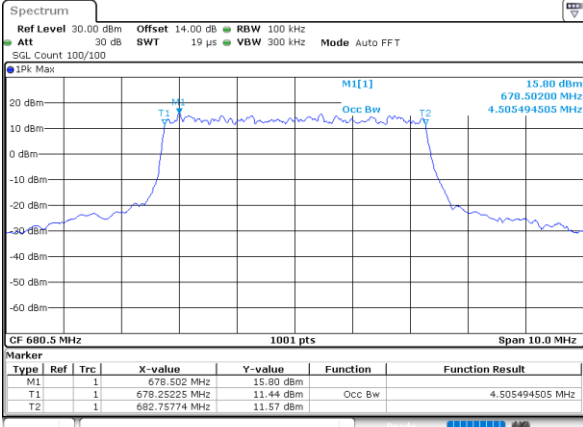
## Occupied Bandwidth

| Mode      | LTE Band 71 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
|           | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | -                         | -     | -    | -     | 4.51 | 4.50  | 9.03  | 9.05  | 13.49 | 13.40 | 17.86 | 17.90 |



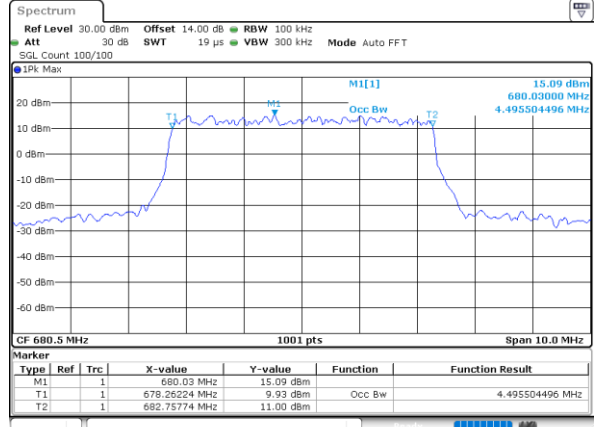
LTE Band 71

Middle Channel / 5MHz / QPSK



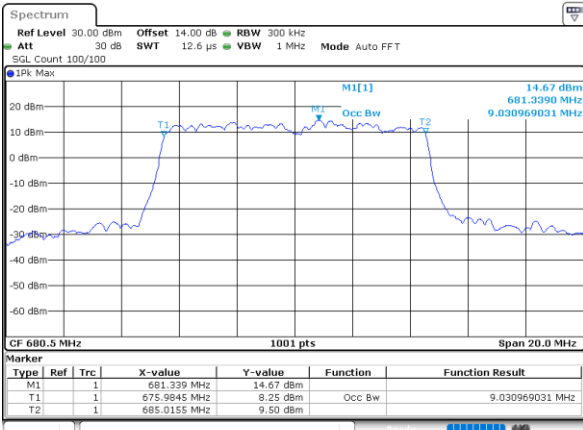
Date: 8,NOV,2024 22:56:07

Middle Channel / 5MHz / 16QAM



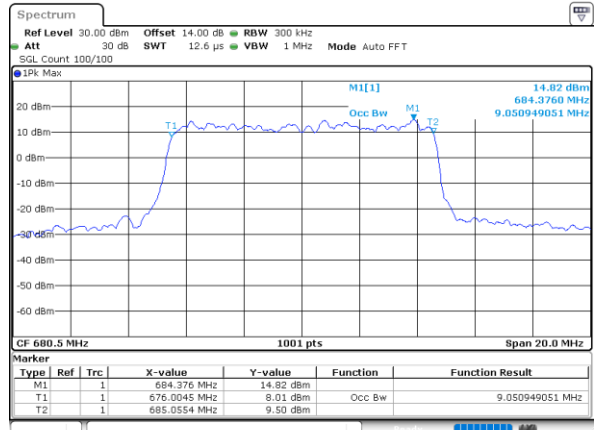
Date: 8,NOV,2024 22:56:47

Middle Channel / 10MHz / QPSK



Date: 9,NOV,2024 11:18:11

Middle Channel / 10MHz / 16QAM

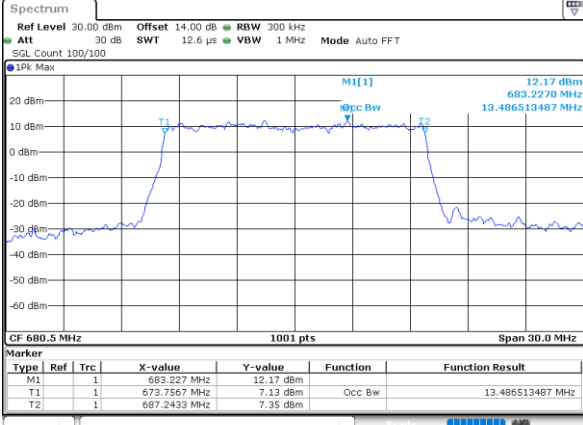


Date: 9,NOV,2024 11:18:50



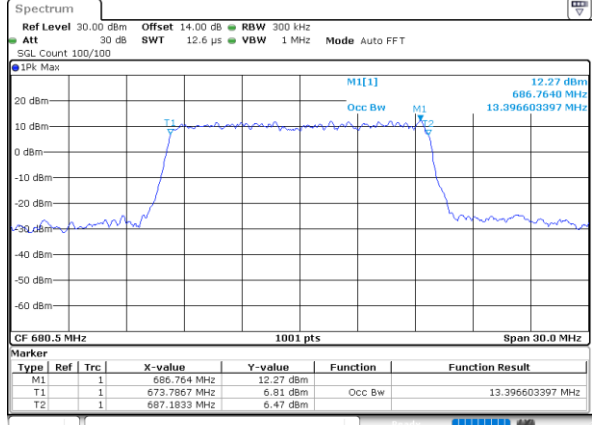
LTE Band 71

Middle Channel / 15MHz / QPSK



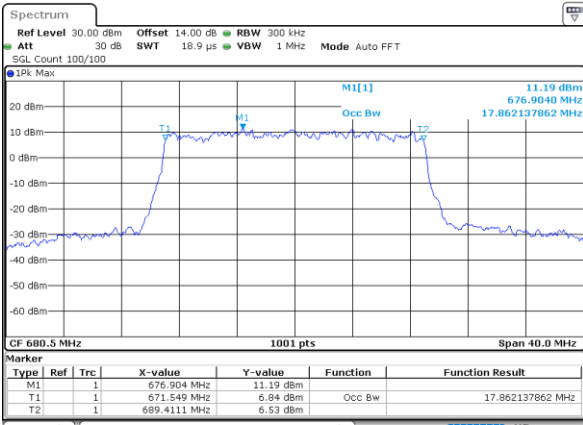
Date: 9,NOV,2024 11:33:14

Middle Channel / 15MHz / 16QAM



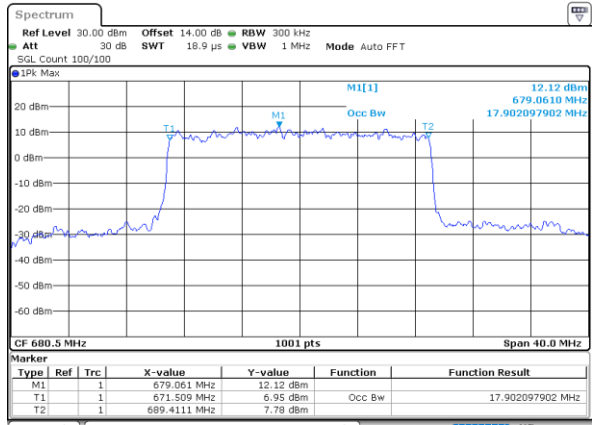
Date: 9,NOV,2024 11:34:14

Middle Channel / 20MHz / QPSK



Date: 9,NOV,2024 11:49:00

Middle Channel / 20MHz / 16QAM



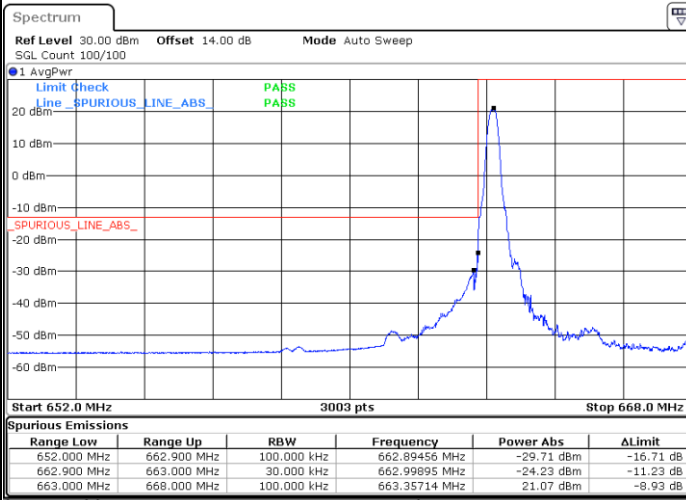
Date: 9,NOV,2024 11:49:40



# Conducted Band Edge

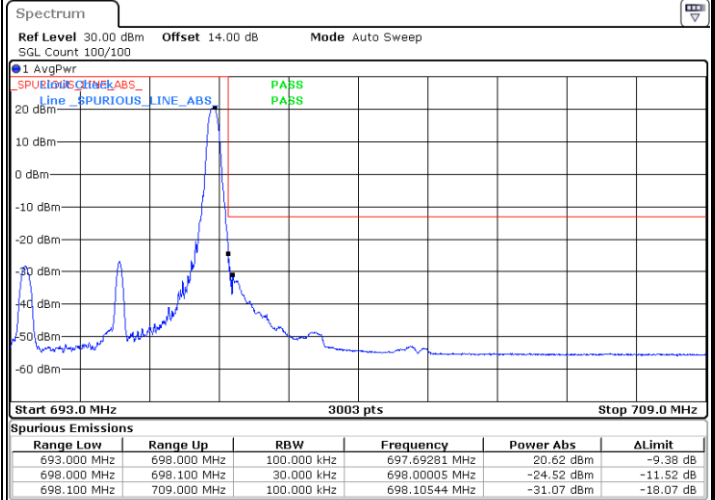
## LTE Band 71 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



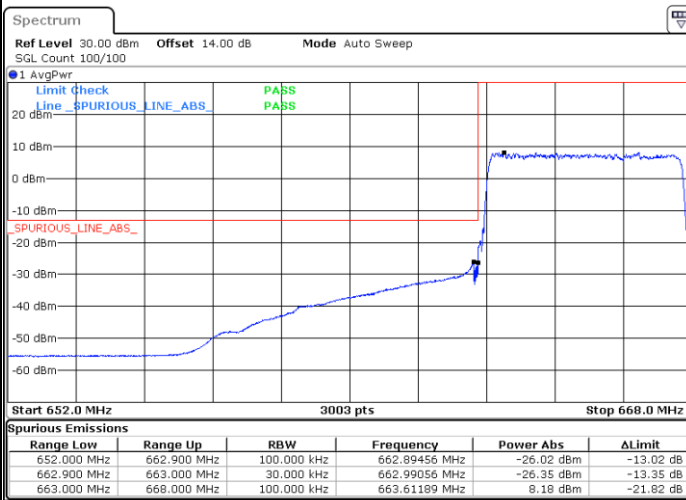
Date: 11.NOV.2024 10:06:26

### Highest Band Edge / 1 RB



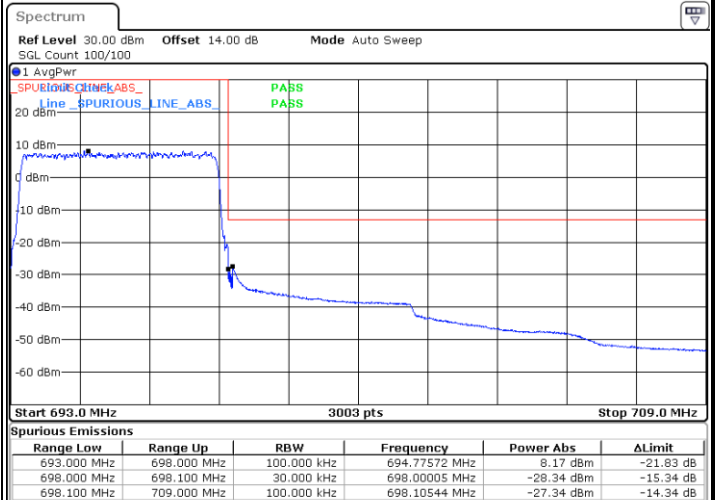
Date: 11.NOV.2024 10:11:25

### Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:08:55

### Highest Band Edge / Full RB

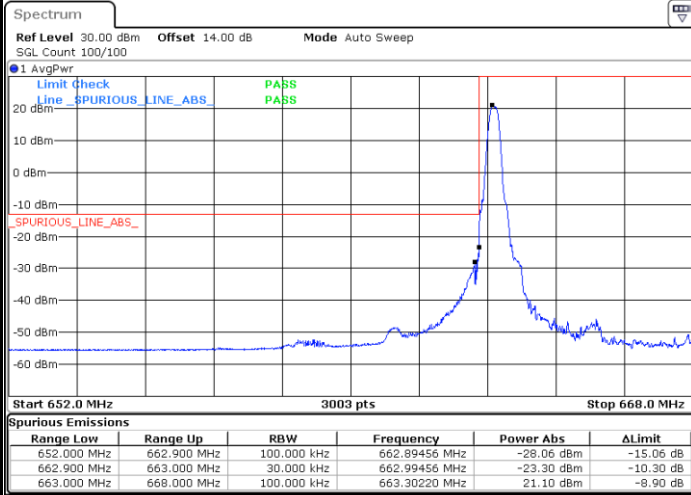


Date: 11.NOV.2024 10:13:57



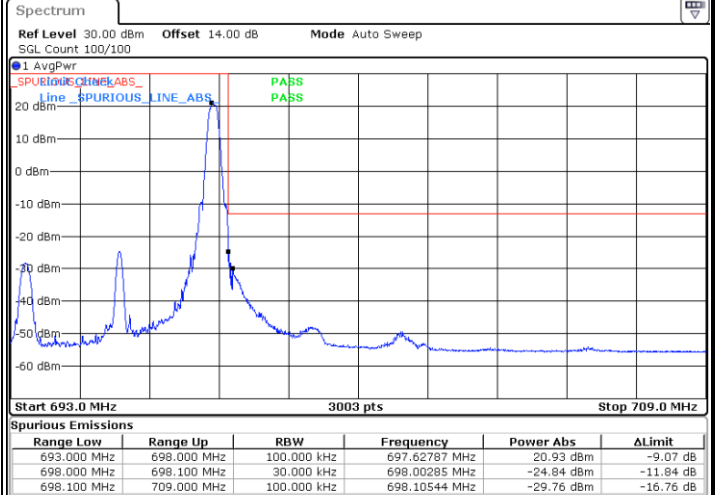
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB



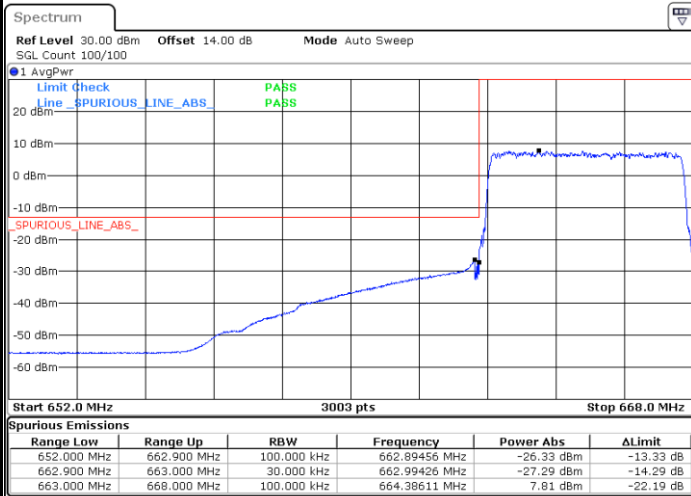
Date: 11.NOV.2024 10:07:15

Highest Band Edge / 1 RB



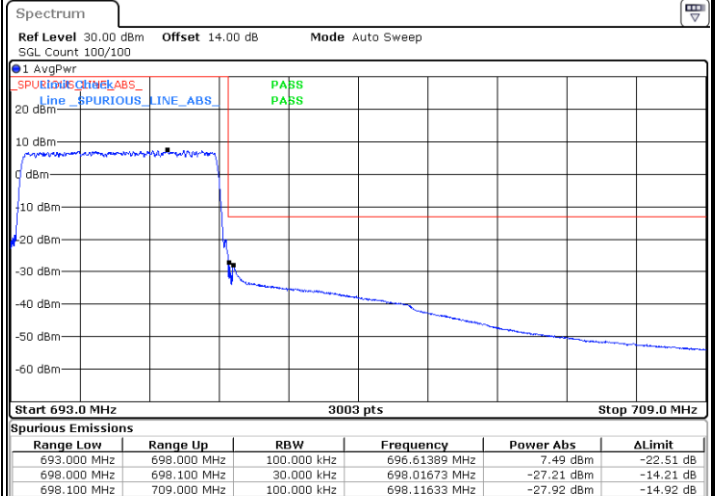
Date: 11.NOV.2024 10:12:16

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:09:45

Highest Band Edge / Full RB

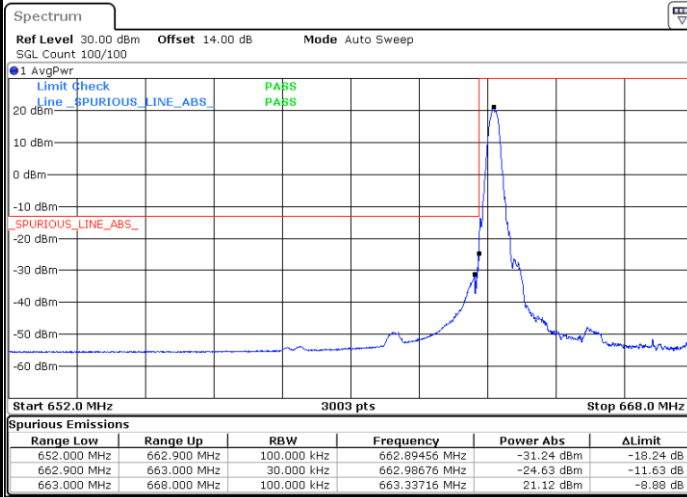


Date: 11.NOV.2024 10:14:48



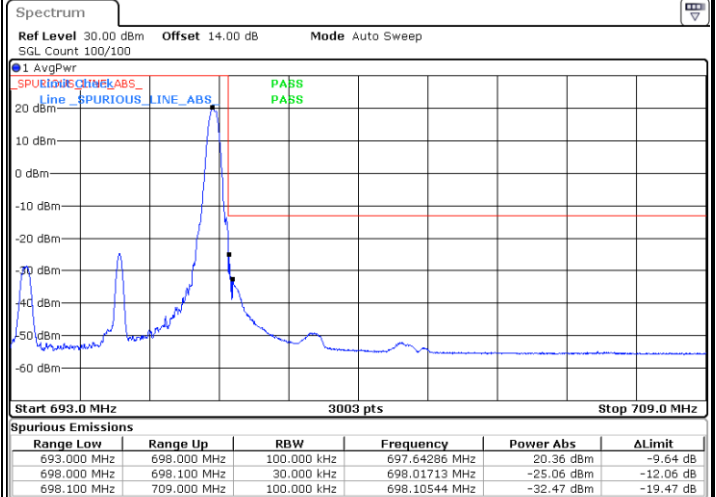
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



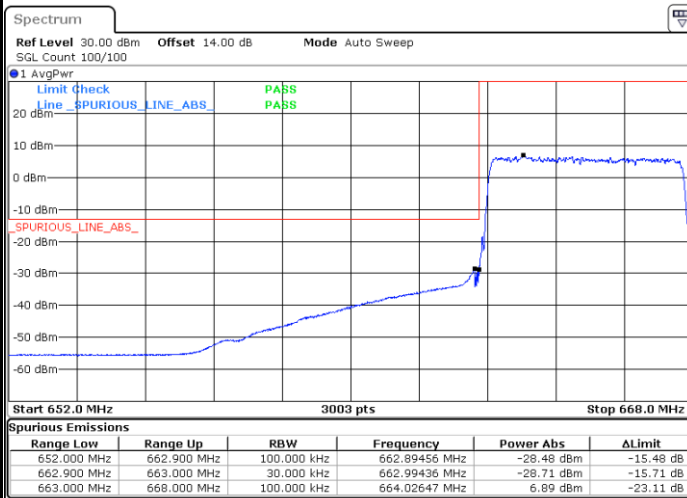
Date: 11.NOV.2024 10:08:05

Highest Band Edge / 1 RB



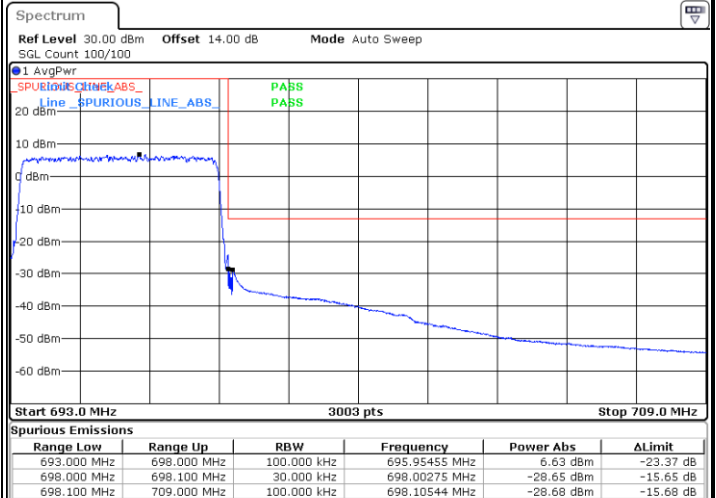
Date: 11.NOV.2024 10:13:07

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:10:35

Highest Band Edge / Full RB

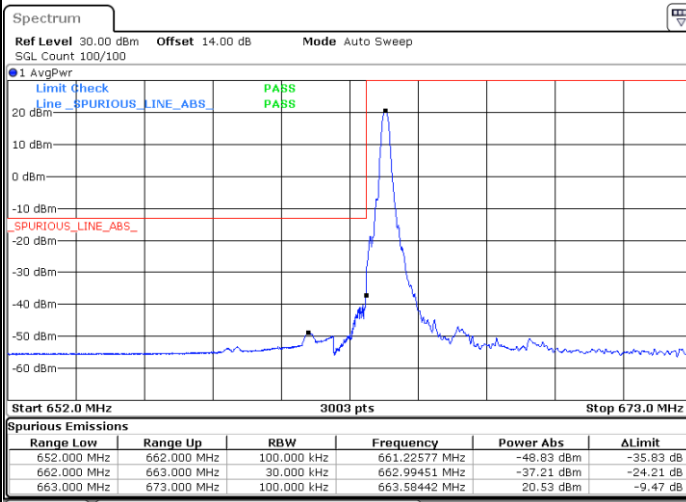


Date: 11.NOV.2024 10:15:39



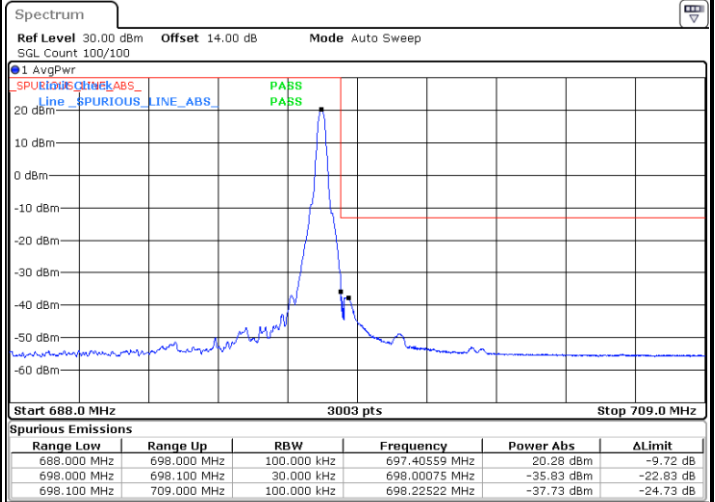
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



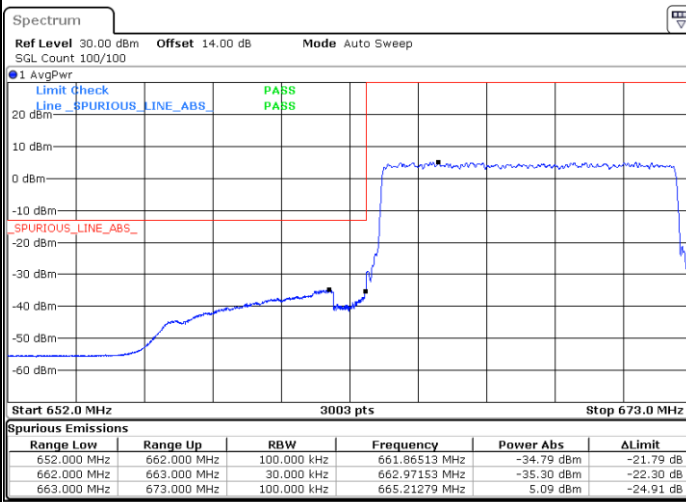
Date: 11.NOV.2024 10:17:10

Highest Band Edge / 1 RB



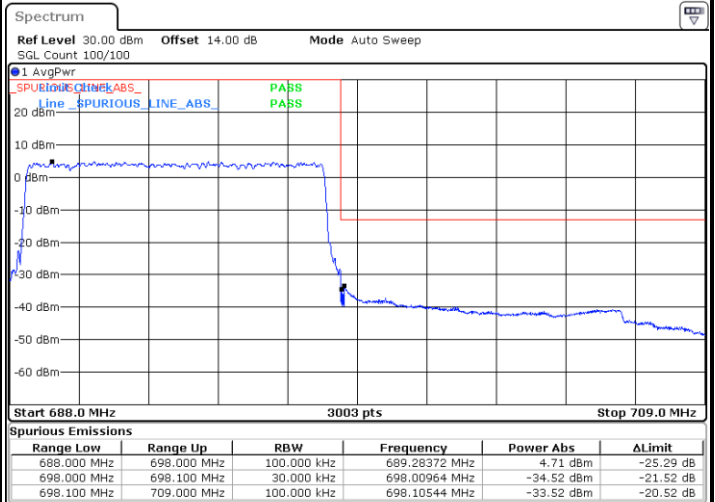
Date: 11.NOV.2024 10:22:01

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:19:34

Highest Band Edge / Full RB

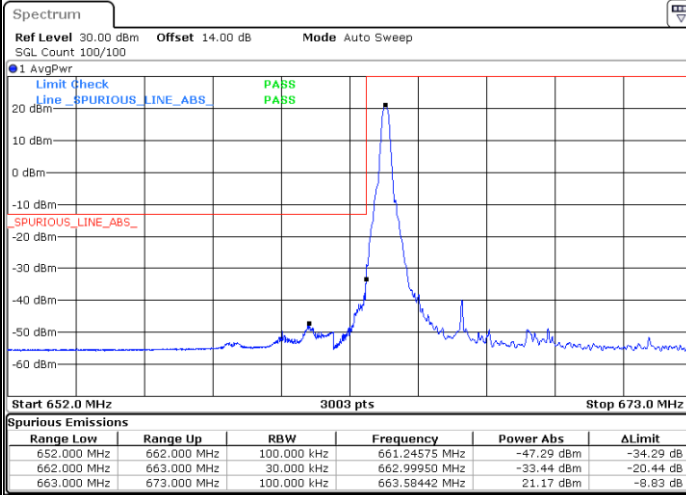


Date: 11.NOV.2024 10:24:34



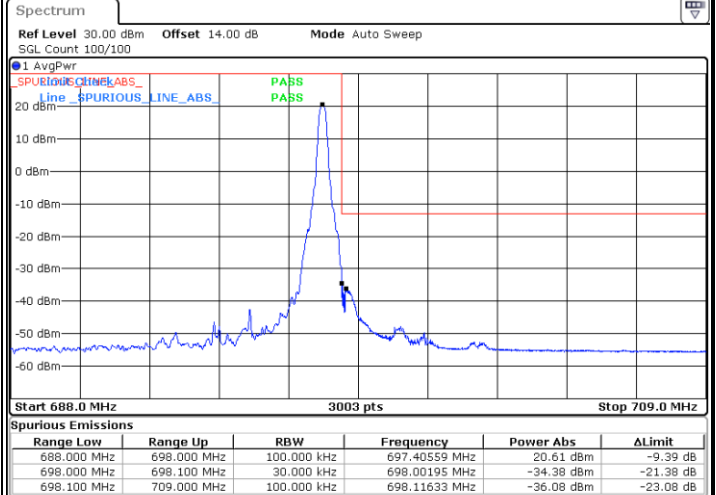
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1RB



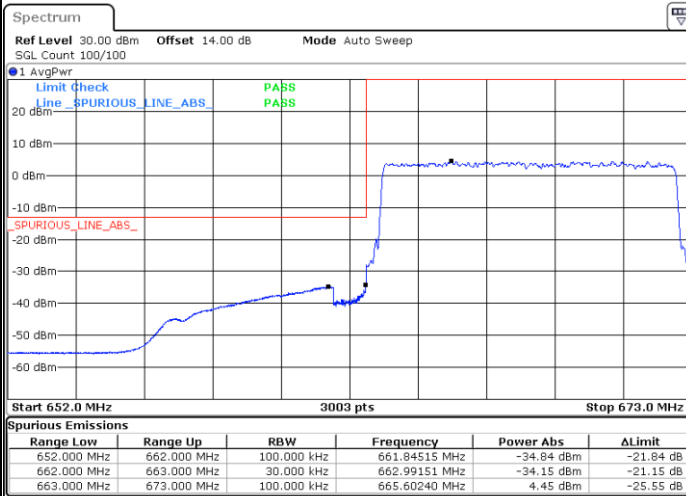
Date: 11.NOV.2024 10:17:58

Highest Band Edge / 1 RB



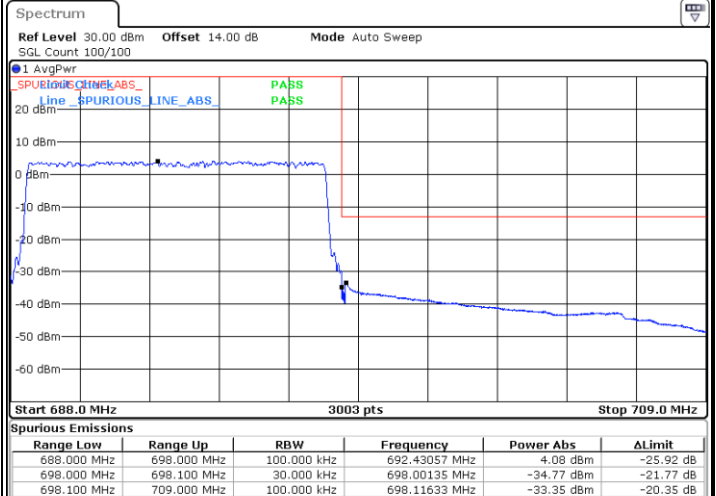
Date: 11.NOV.2024 10:22:52

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:20:21

Highest Band Edge / Full RB

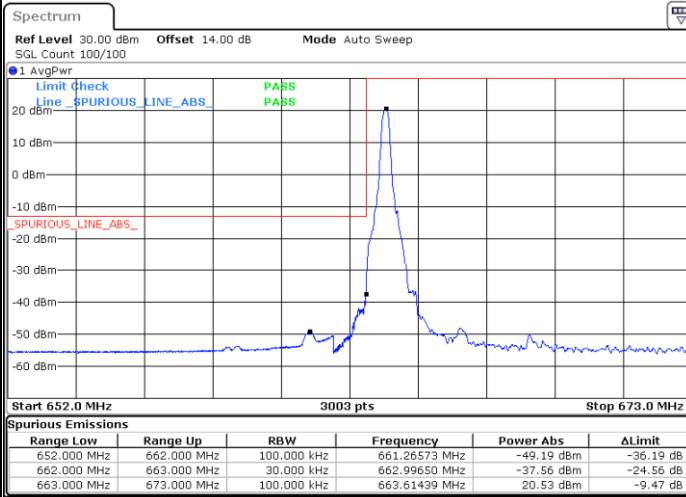


Date: 11.NOV.2024 10:25:25



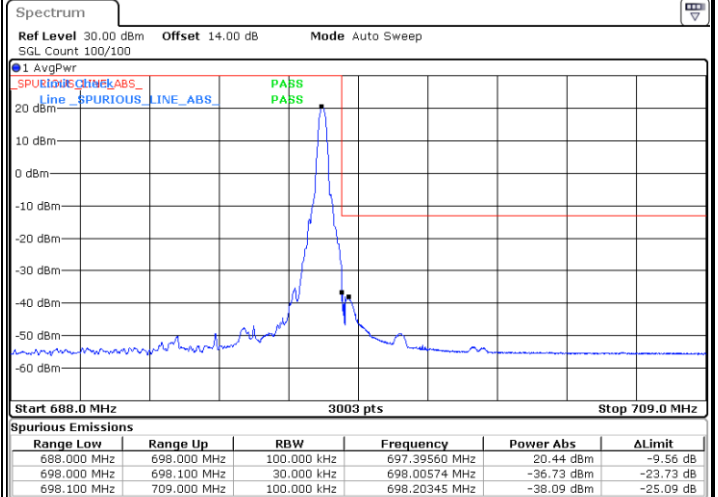
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1RB



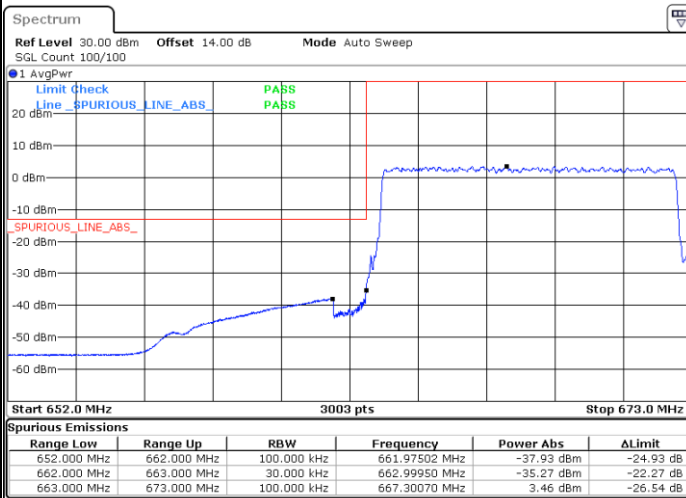
Date: 11.NOV.2024 10:18:46

Highest Band Edge / 1 RB



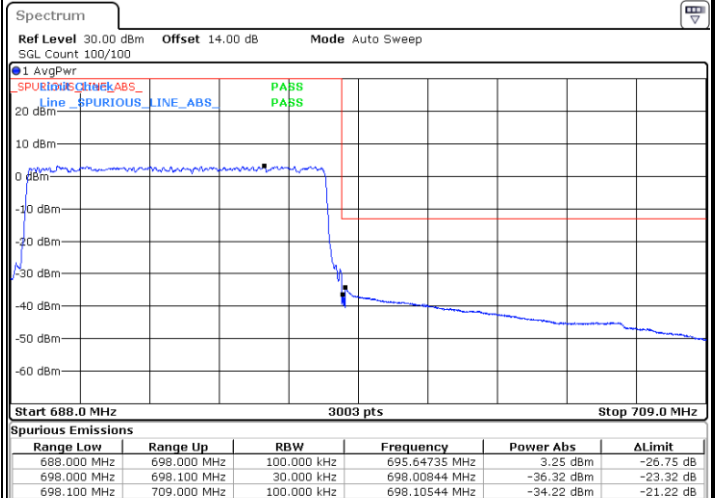
Date: 11.NOV.2024 10:23:43

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:21:09

Highest Band Edge / Full RB

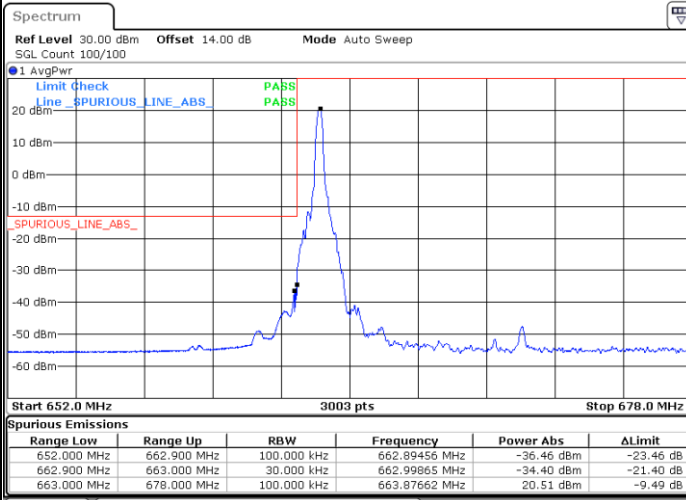


Date: 11.NOV.2024 10:26:16



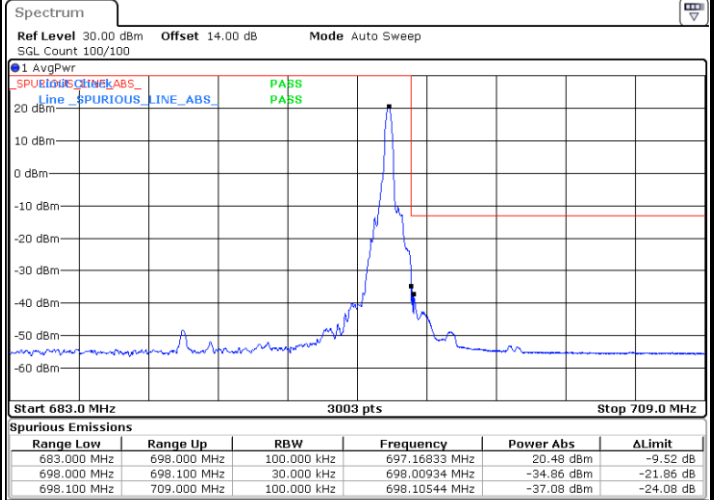
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



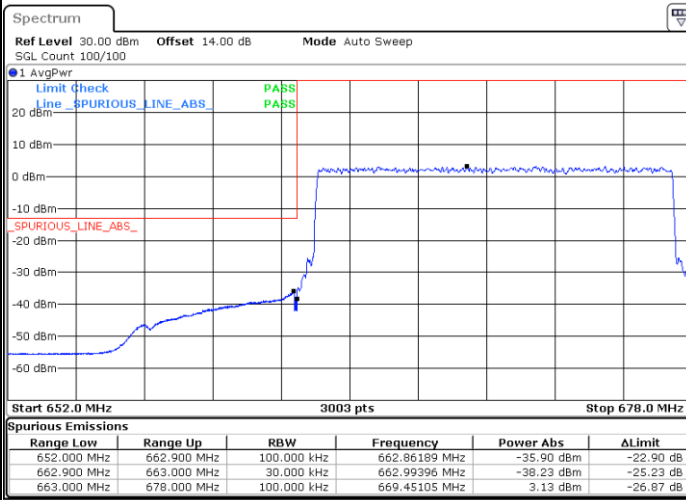
Date: 11.NOV.2024 10:27:49

Highest Band Edge / 1 RB



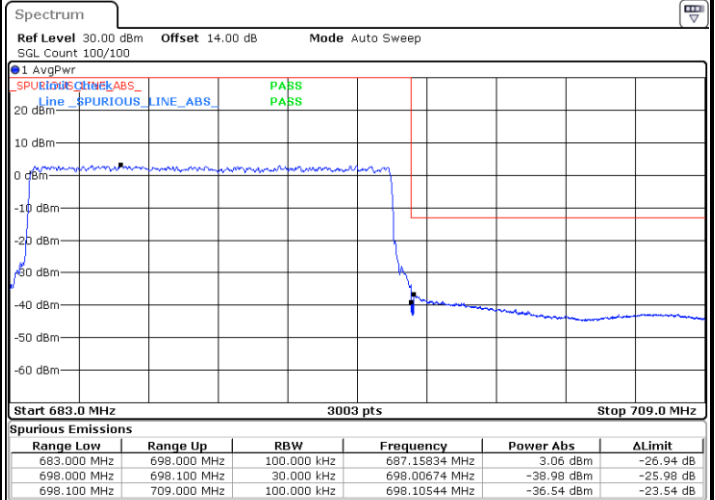
Date: 11.NOV.2024 10:32:51

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:30:19

Highest Band Edge / Full RB

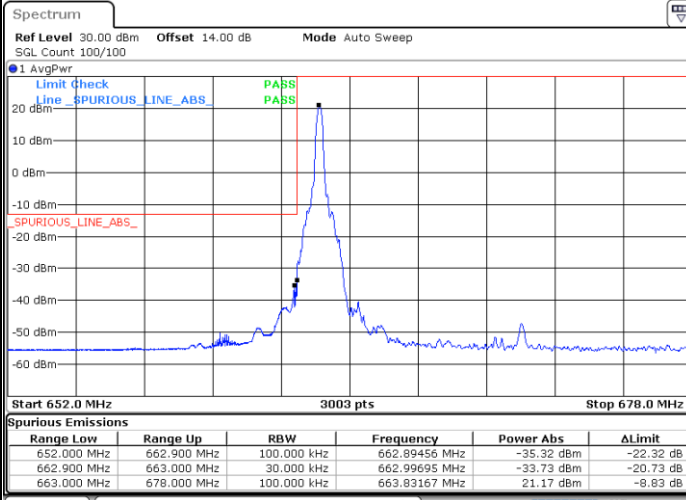


Date: 11.NOV.2024 10:35:25



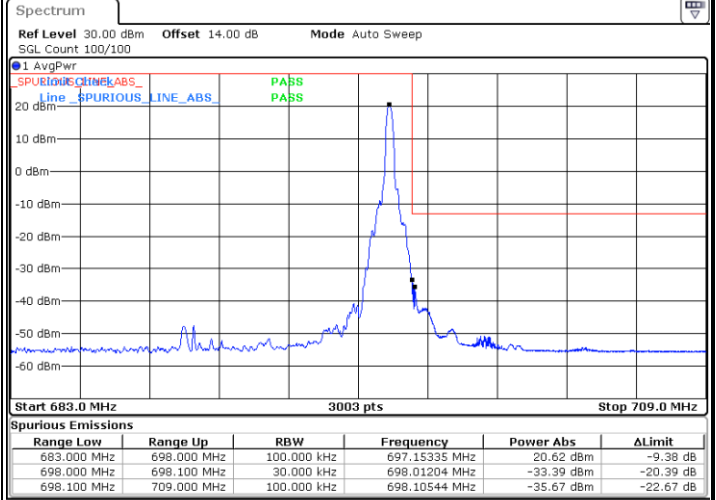
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1RB



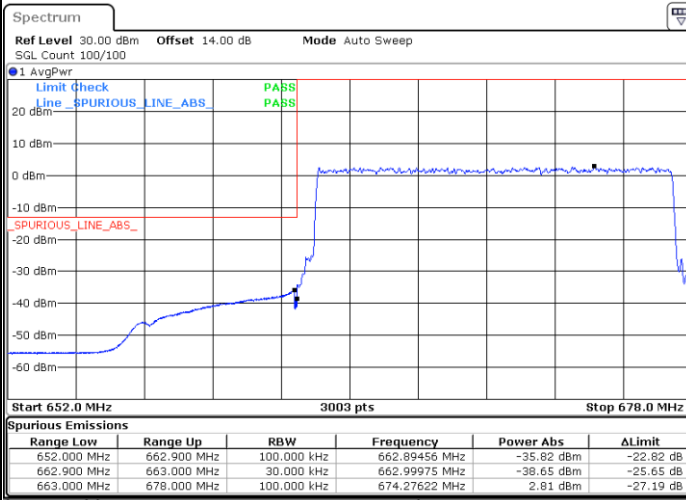
Date: 11.NOV.2024 10:28:39

Highest Band Edge / 1 RB



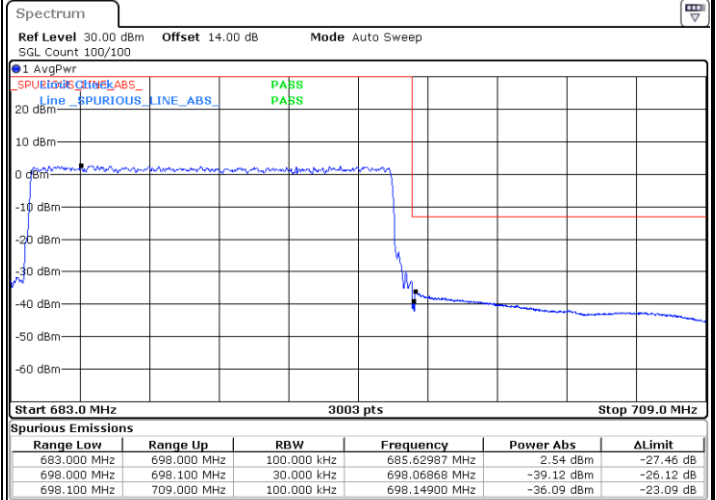
Date: 11.NOV.2024 10:33:42

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:31:09

Highest Band Edge / Full RB

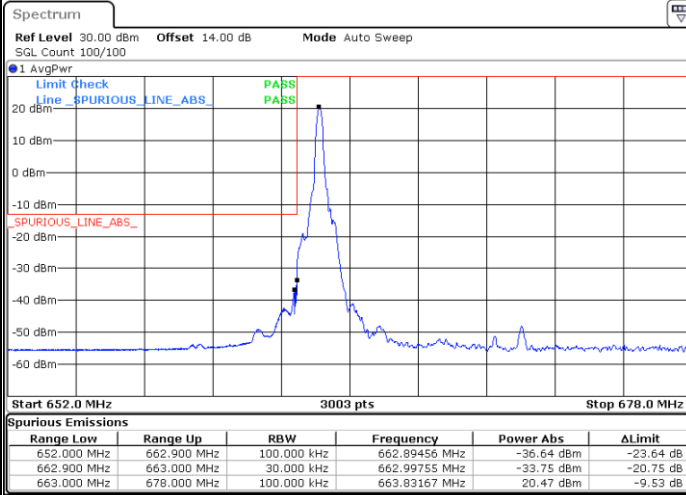


Date: 11.NOV.2024 10:36:16



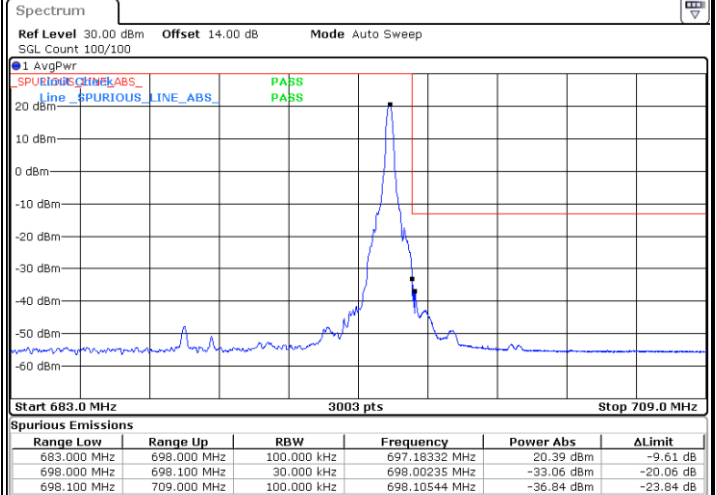
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1RB



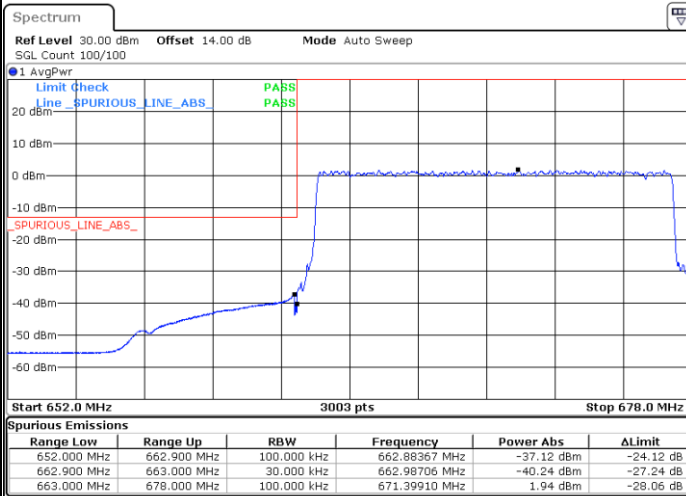
Date: 11.NOV.2024 10:29:29

Highest Band Edge / 1 RB



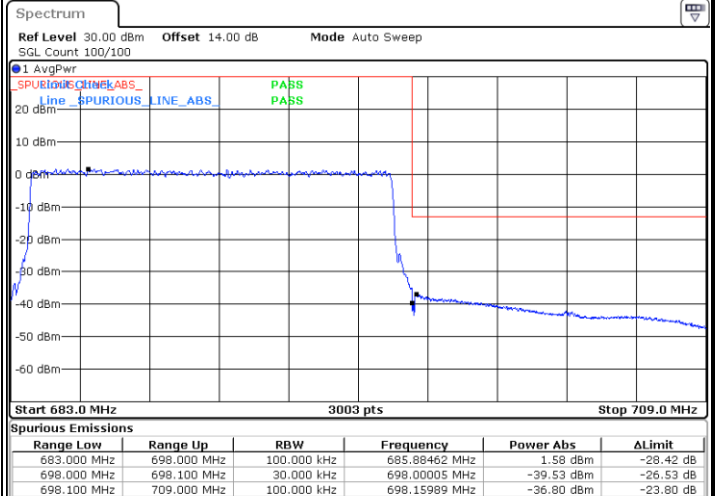
Date: 11.NOV.2024 10:34:33

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:31:59

Highest Band Edge / Full RB

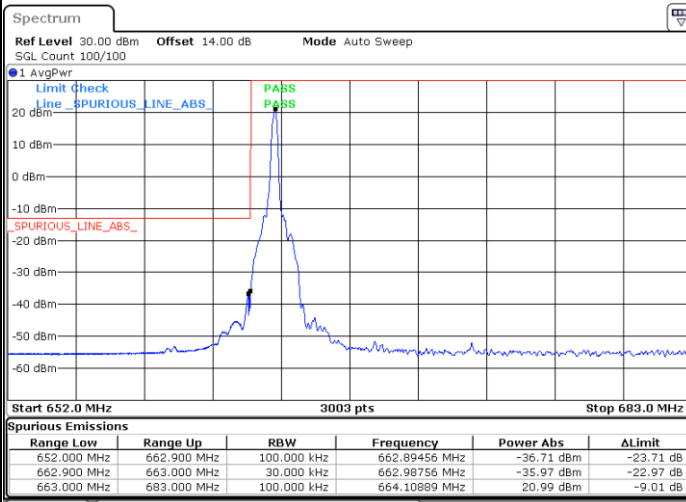


Date: 11.NOV.2024 10:37:07



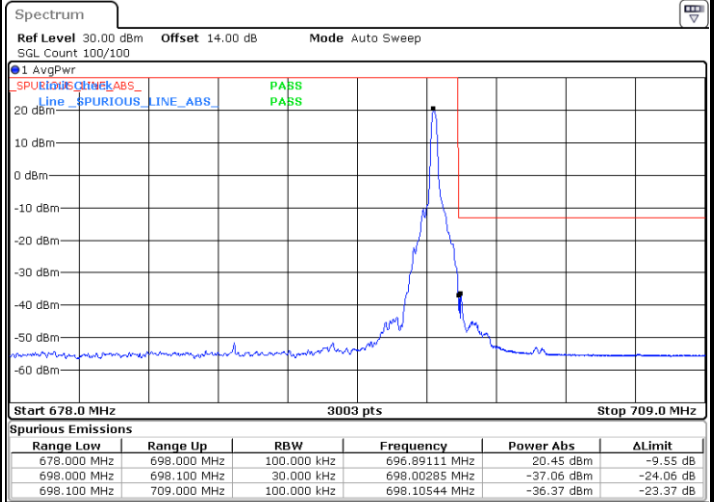
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



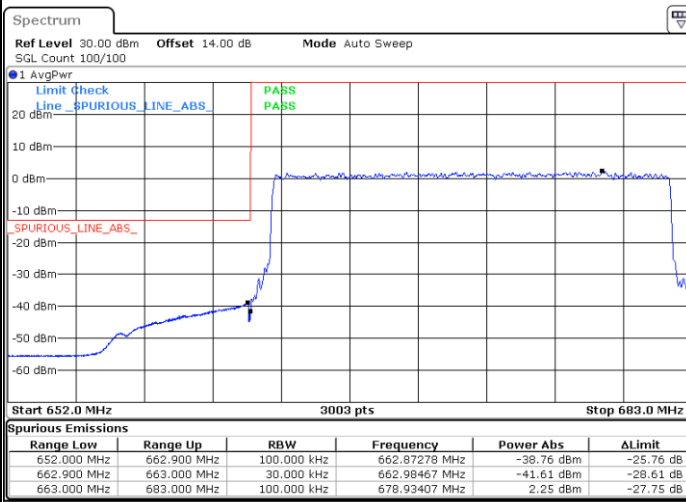
Date: 11.NOV.2024 10:38:40

Highest Band Edge / 1 RB



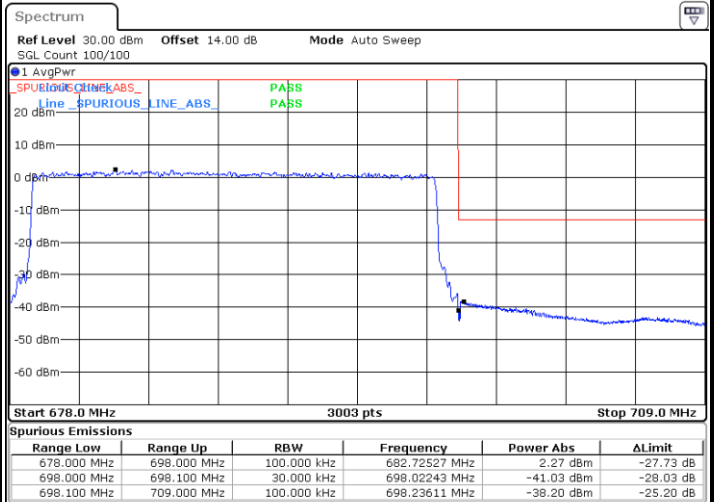
Date: 11.NOV.2024 10:43:43

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:41:11

Highest Band Edge / Full RB

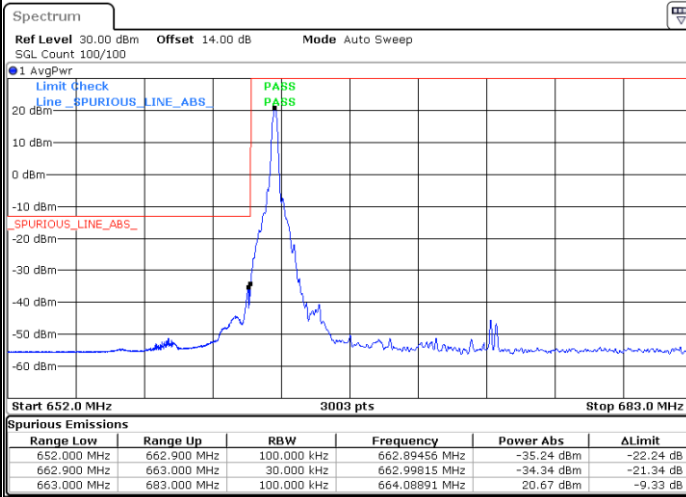


Date: 11.NOV.2024 10:46:16



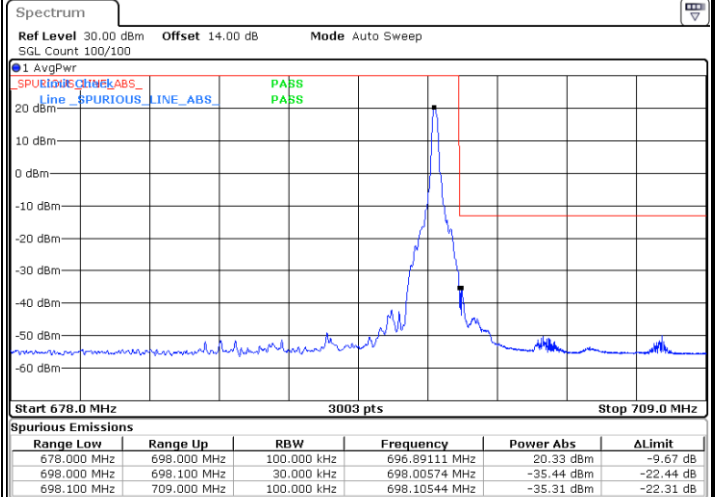
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1RB



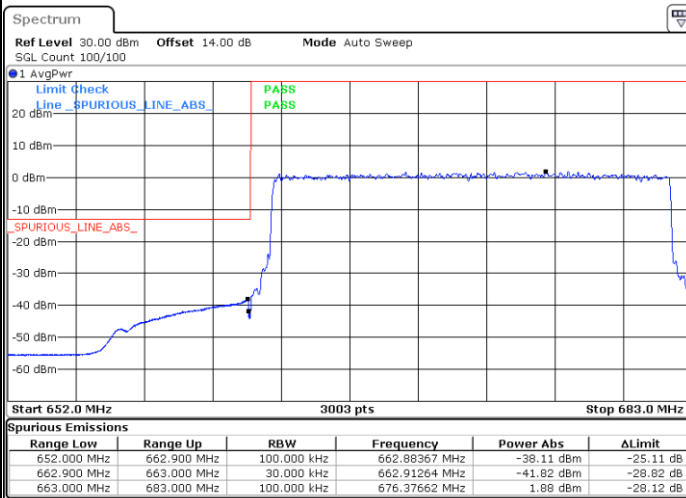
Date: 11.NOV.2024 10:39:30

Highest Band Edge / 1 RB



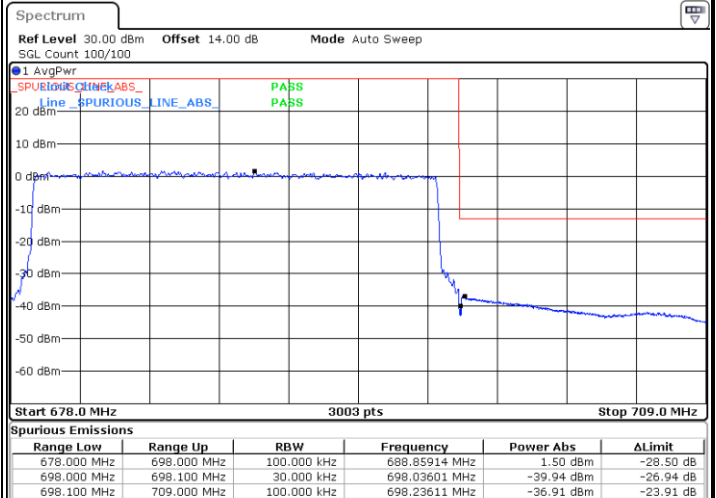
Date: 11.NOV.2024 10:44:34

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:42:01

Highest Band Edge / Full RB

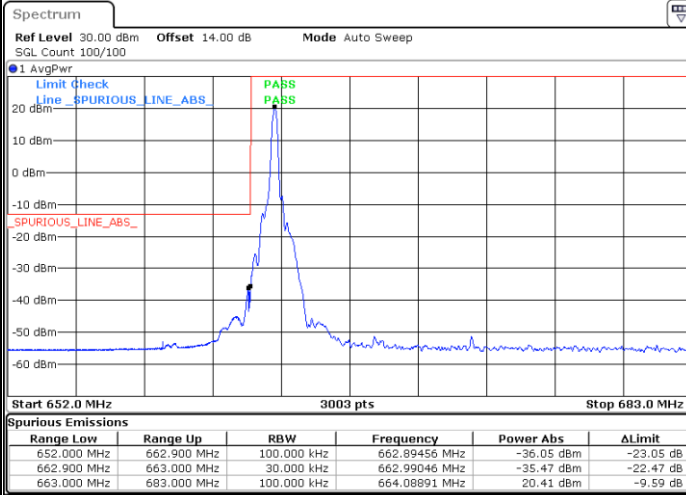


Date: 11.NOV.2024 10:47:08



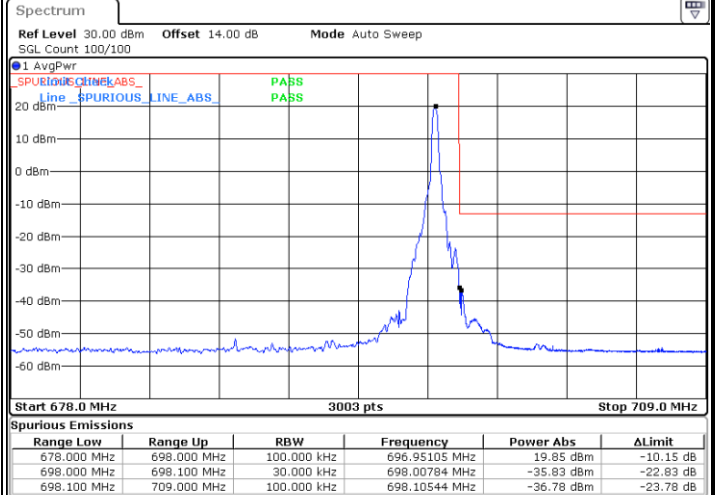
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1RB



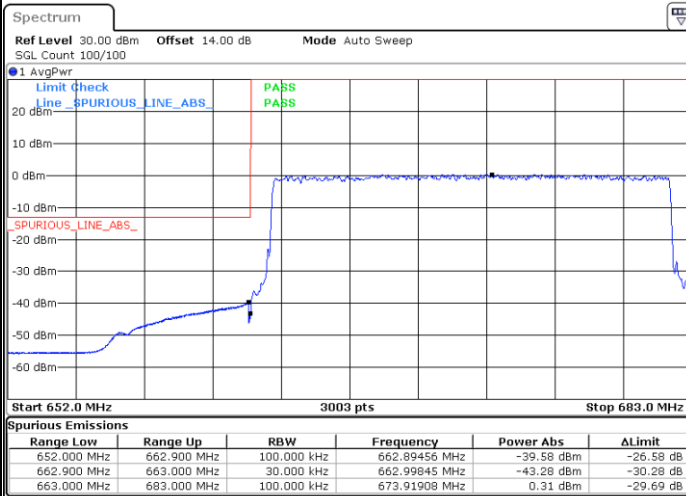
Date: 11.NOV.2024 10:40:20

Highest Band Edge / 1 RB



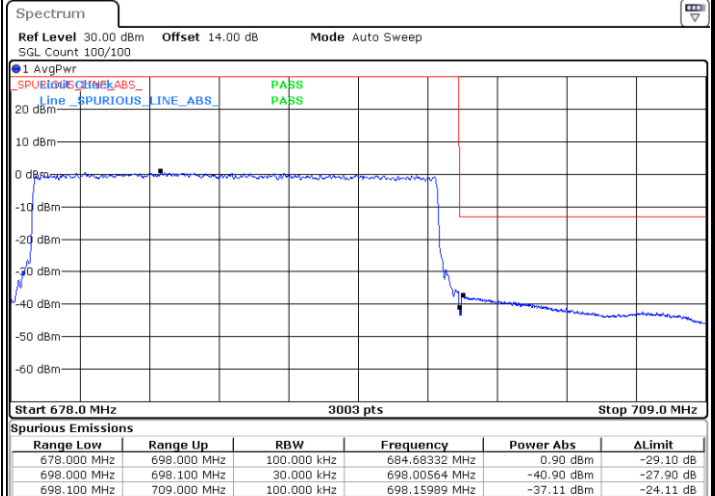
Date: 11.NOV.2024 10:45:25

Lowest Band Edge / Full RB



Date: 11.NOV.2024 10:42:51

Highest Band Edge / Full RB



Date: 11.NOV.2024 10:47:59

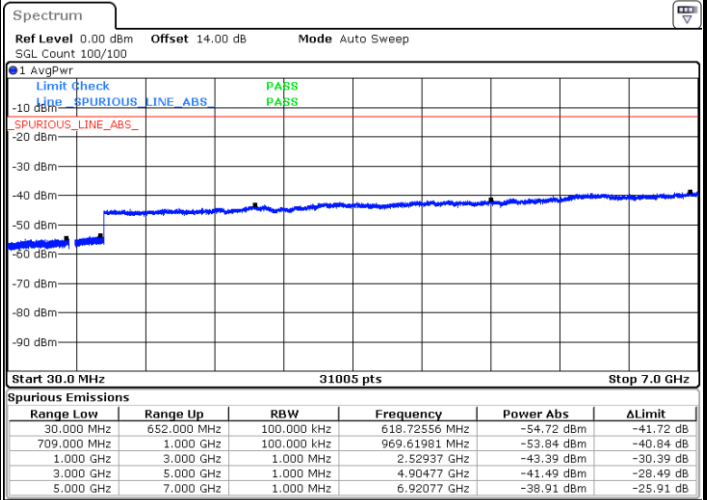
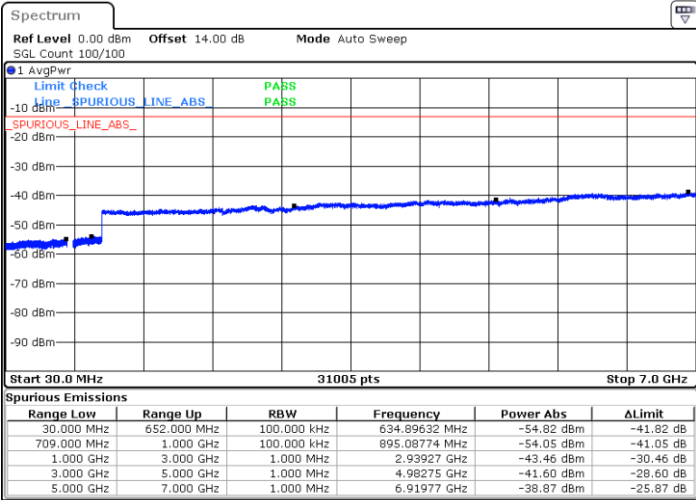


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

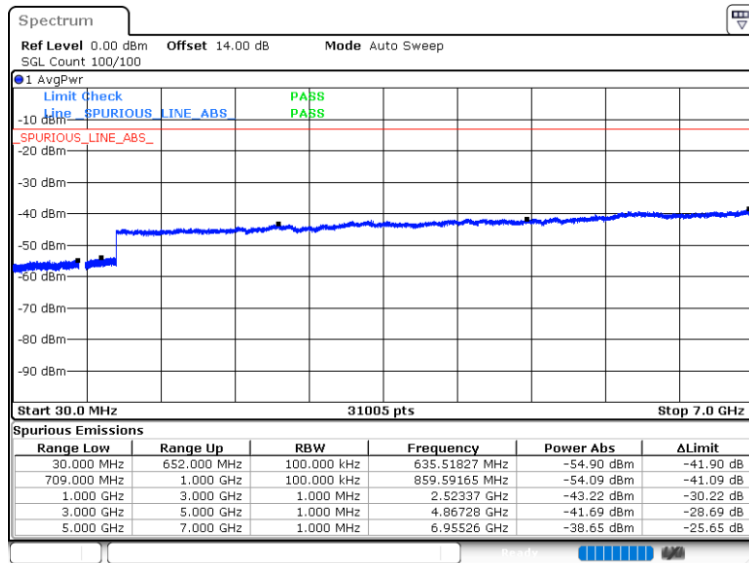
### Middle Channel / QPSK



Date: 8.NOV.2024 22:54:31

Date: 8.NOV.2024 22:55:41

### Highest Channel / QPSK



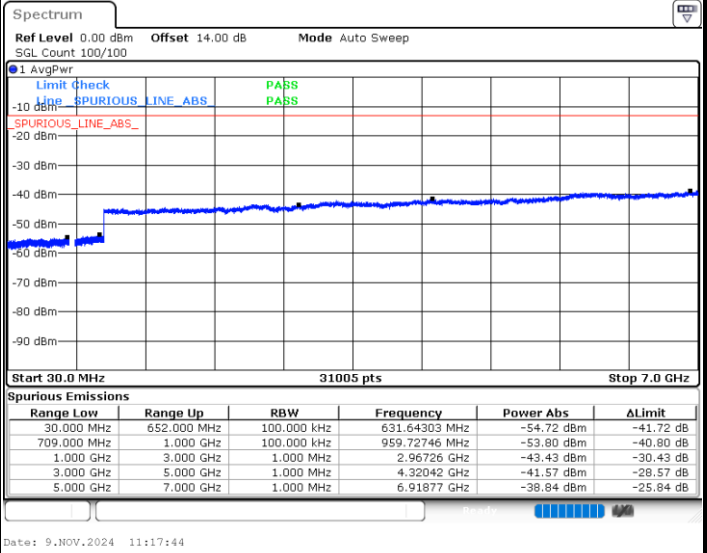
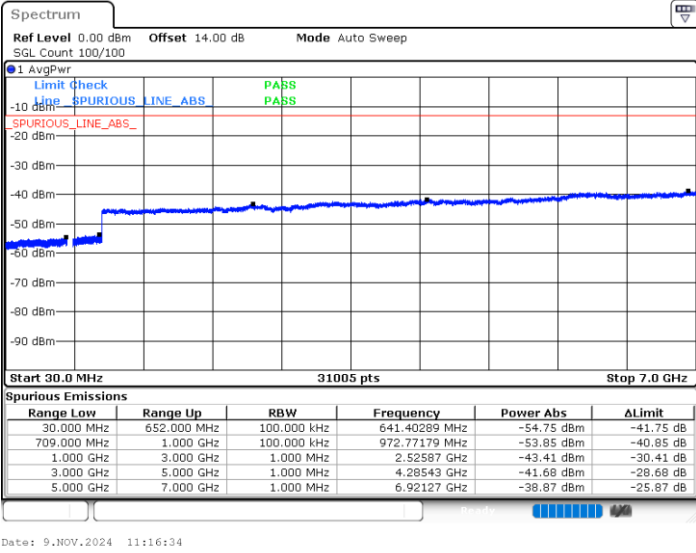
Date: 9.NOV.2024 11:09:49



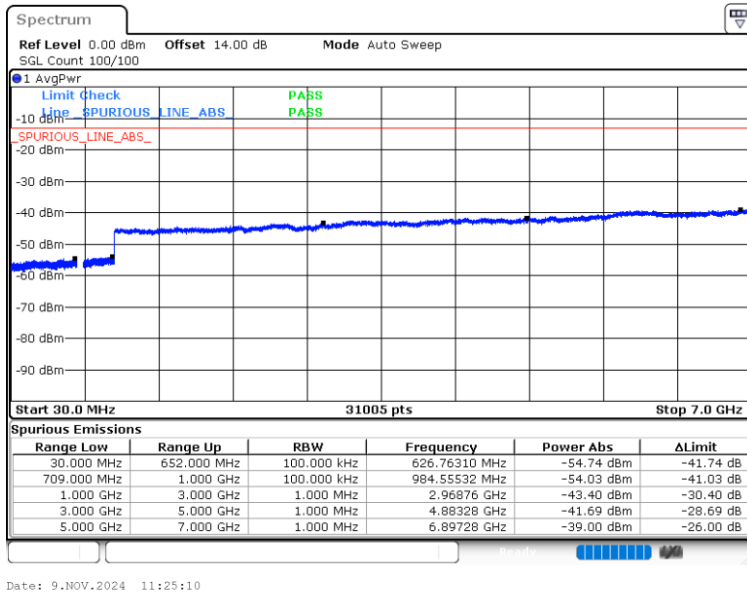
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

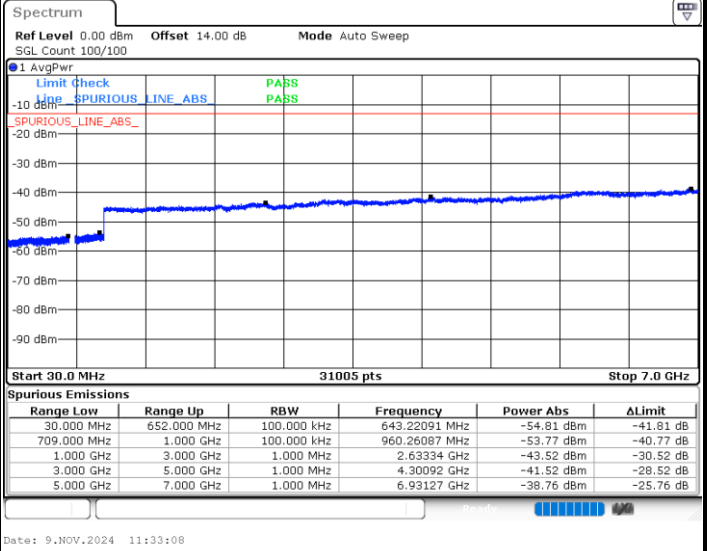
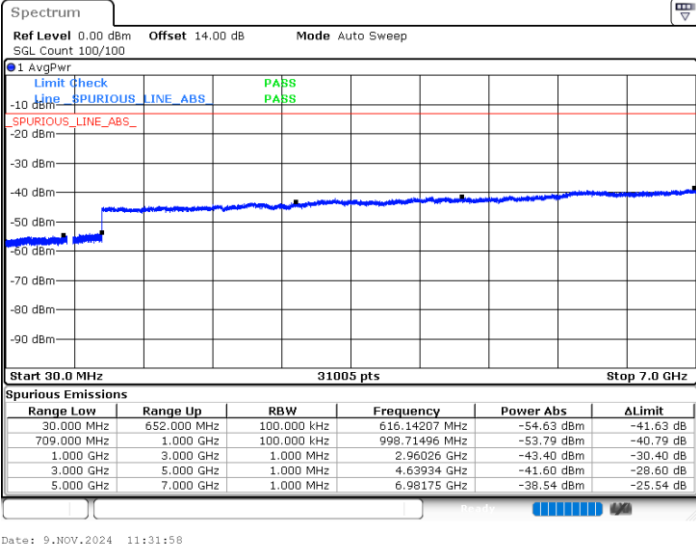




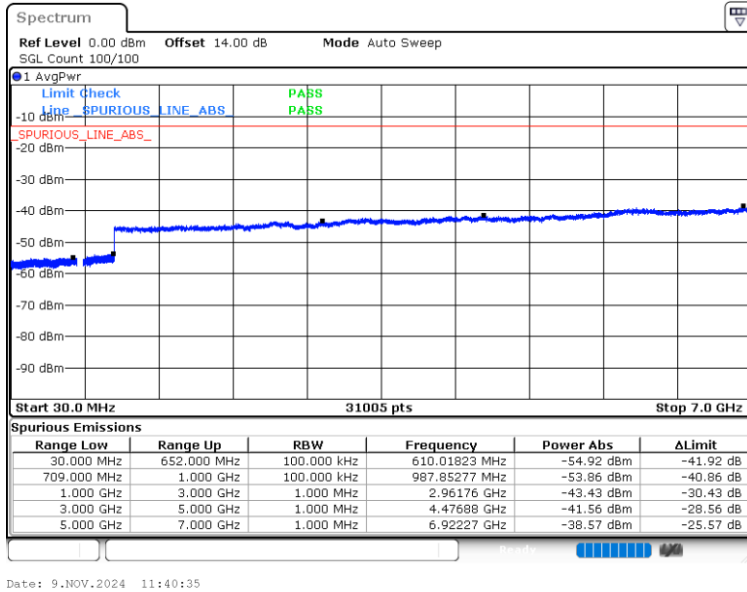
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

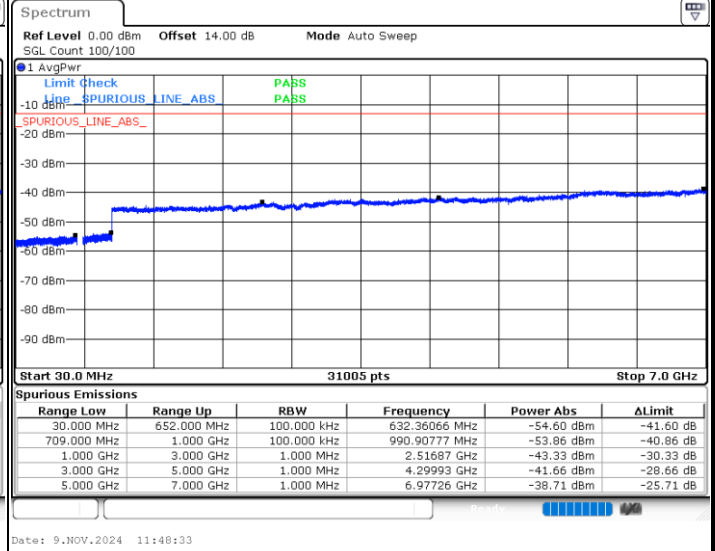
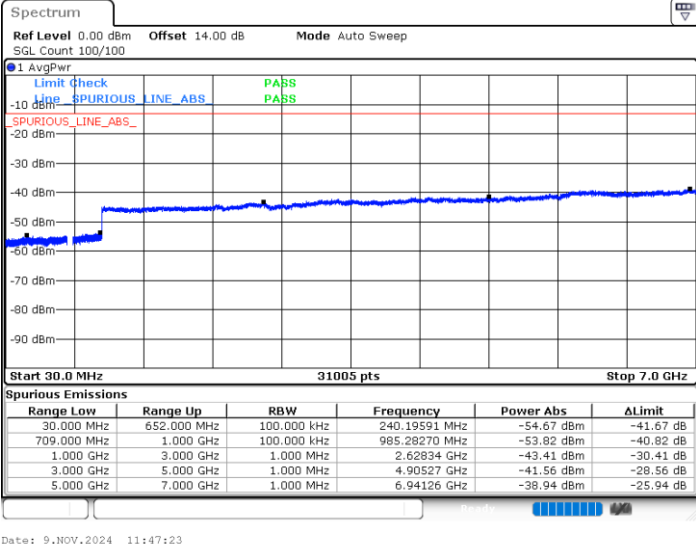




LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

