



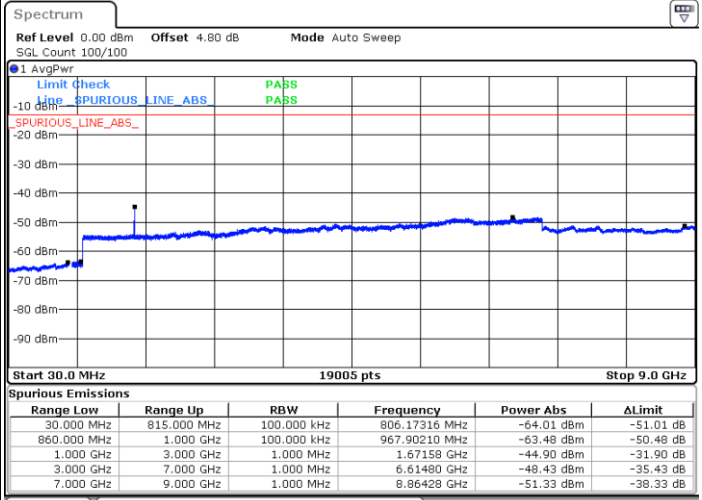
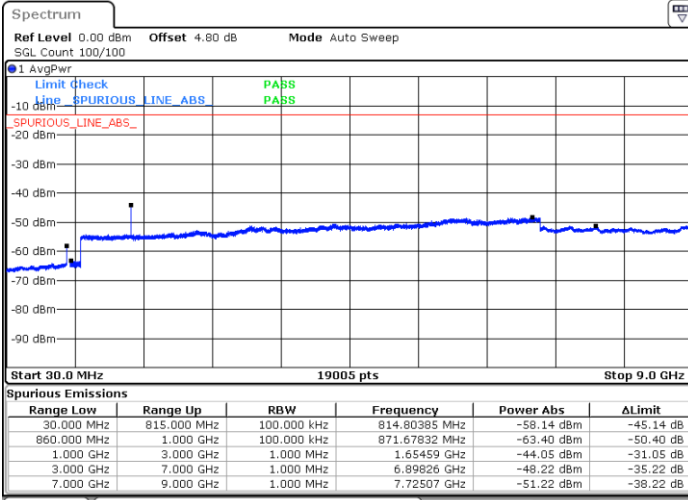
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

QPSK

Lowest Channel / 1RB14 and 1RB0

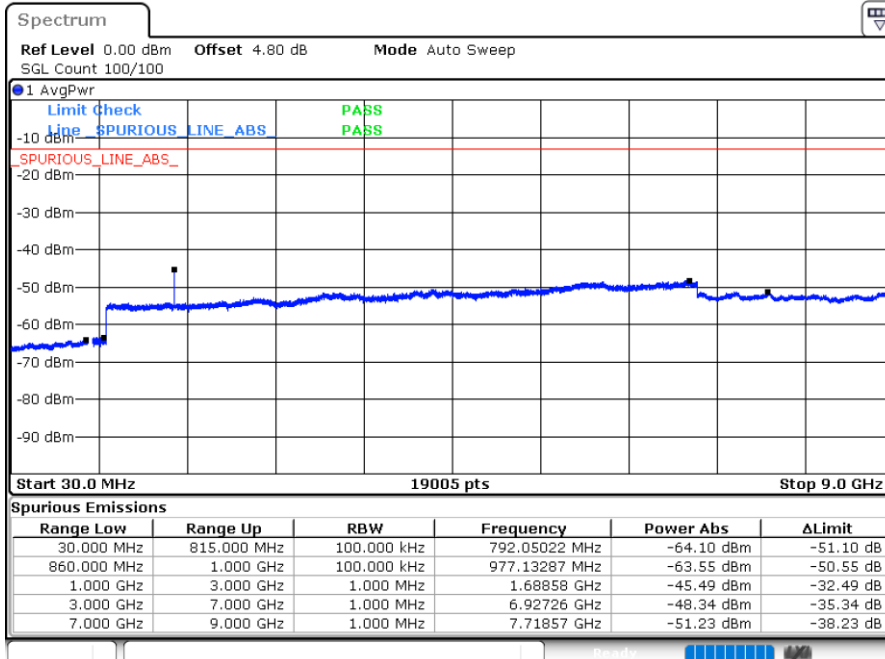
Middle Channel / 1RB14 and 1RB0



Date: 15.SEP.2024 15:41:39

Date: 15.SEP.2024 15:48:48

Highest Channel / 1RB14 and 1RB0



Date: 15.SEP.2024 15:55:09

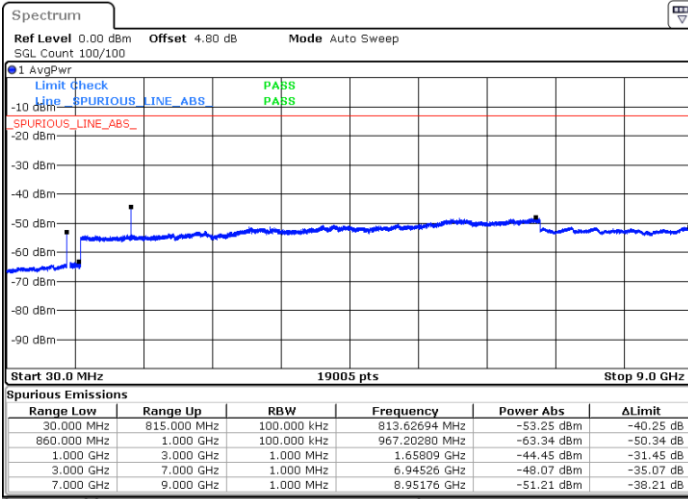


LTE Band 5B / 5MHz+3MHz

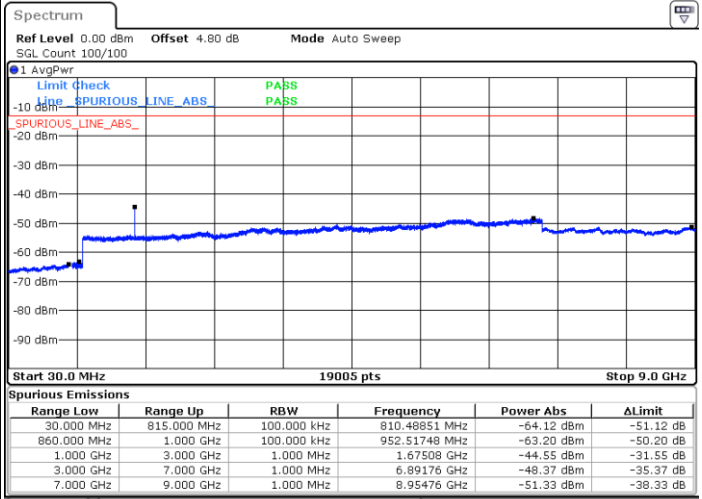
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

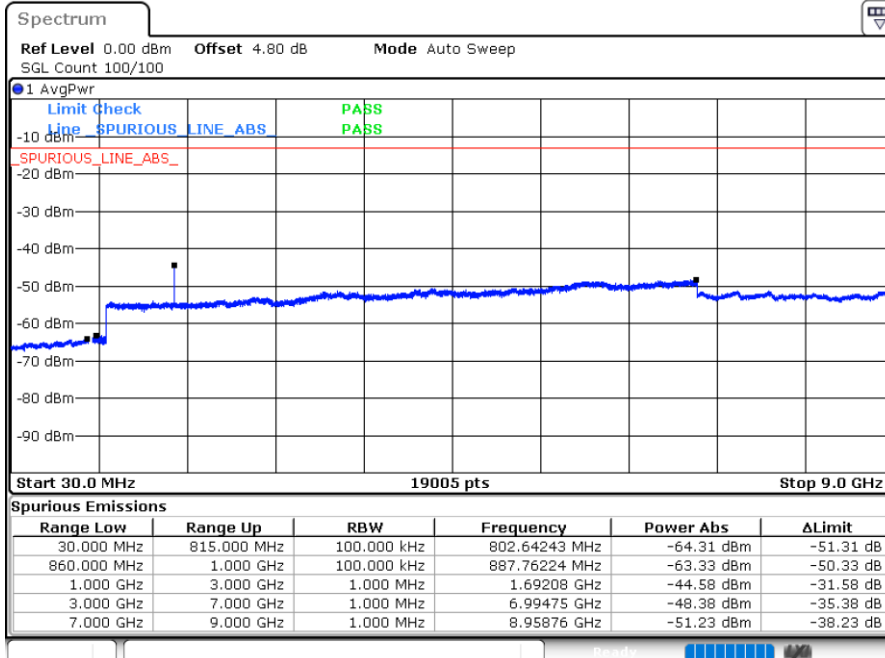


Date: 15.SEP.2024 16:30:51



Date: 15.SEP.2024 16:35:52

Highest Channel / 1RB24 and 1RB0



Date: 15.SEP.2024 16:42:53

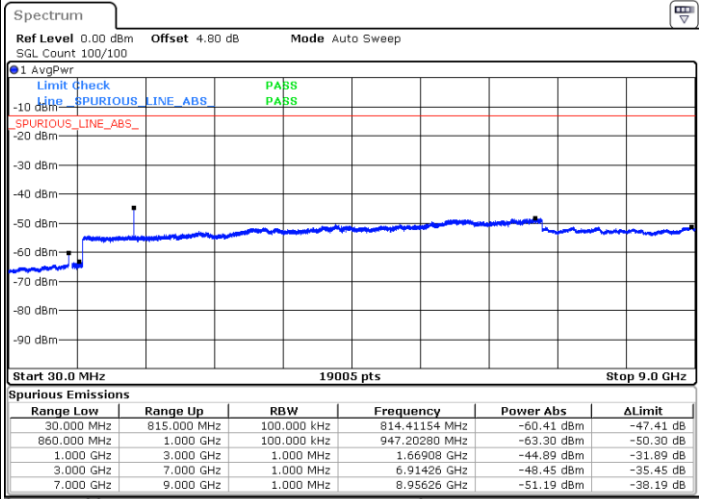
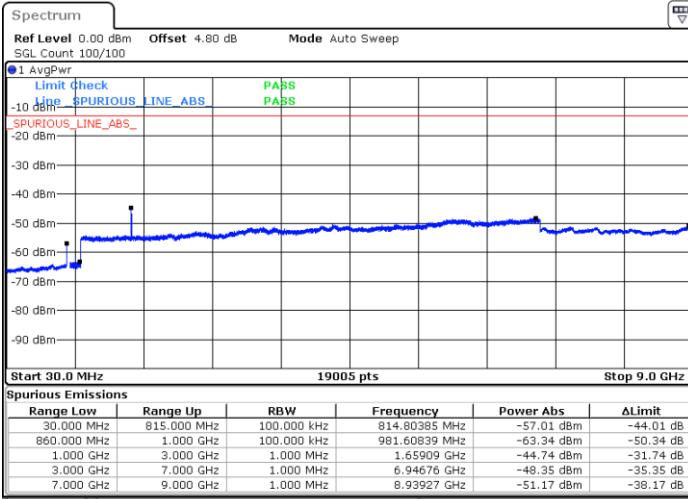


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

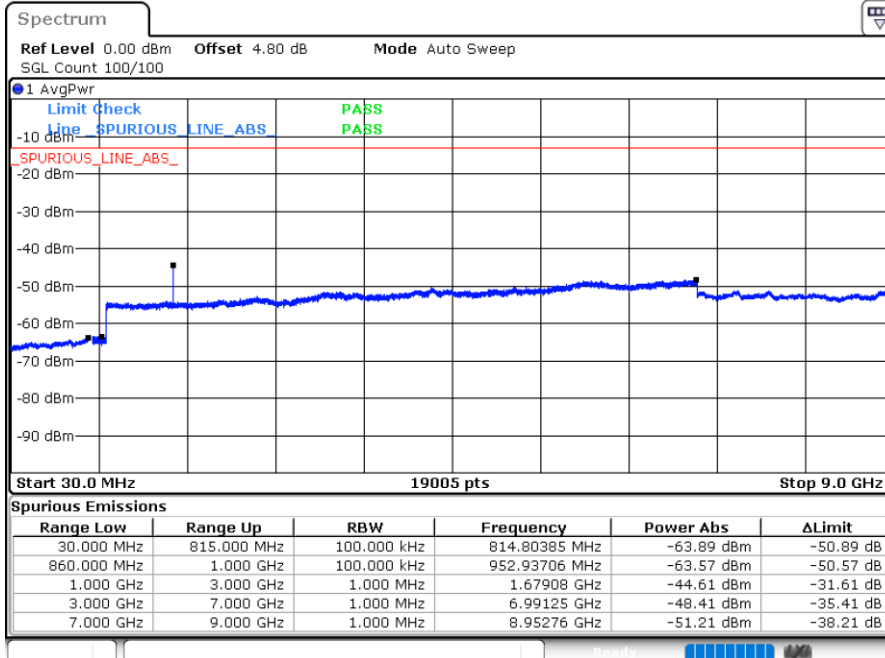
Middle Channel / 1RB24 and 1RB0



Date: 15.SEP.2024 17:18:11

Date: 15.SEP.2024 17:35:57

Highest Channel / 1RB24 and 1RB0



Date: 15.SEP.2024 17:40:50

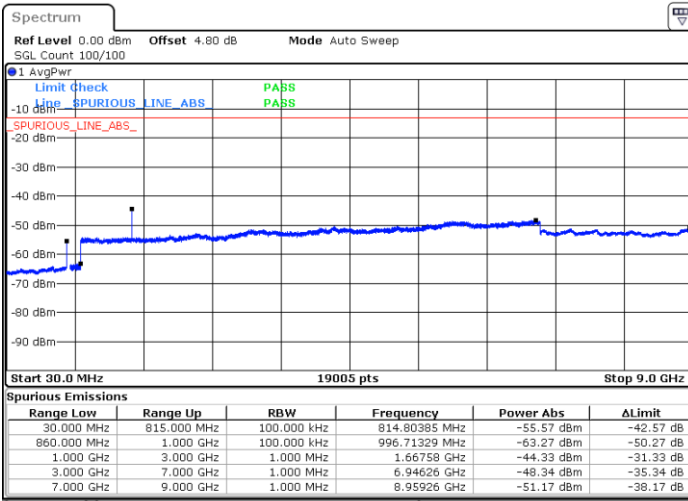


LTE Band 5B / 10MHz+5MHz

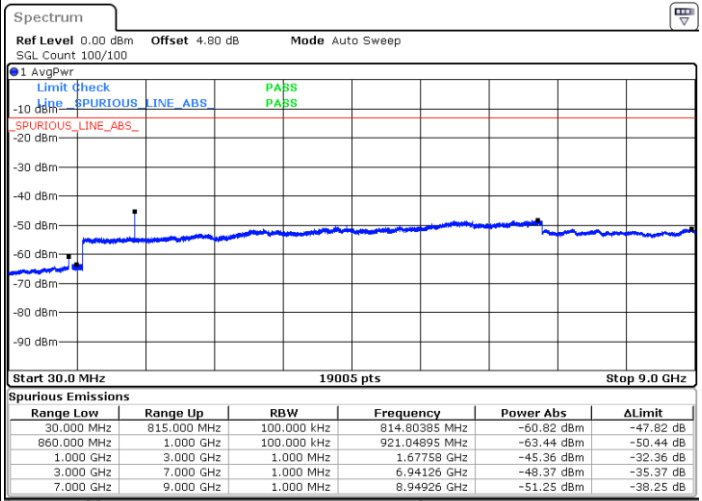
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

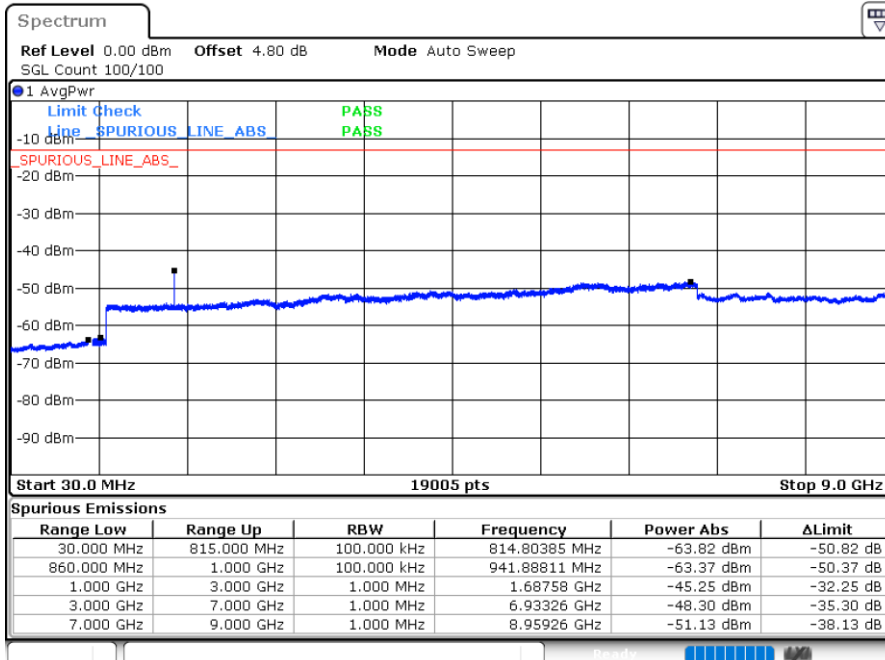


Date: 15.SEP.2024 18:06:24



Date: 15.SEP.2024 18:09:18

Highest Channel / 1RB49 and 1RB0



Date: 15.SEP.2024 18:14:12

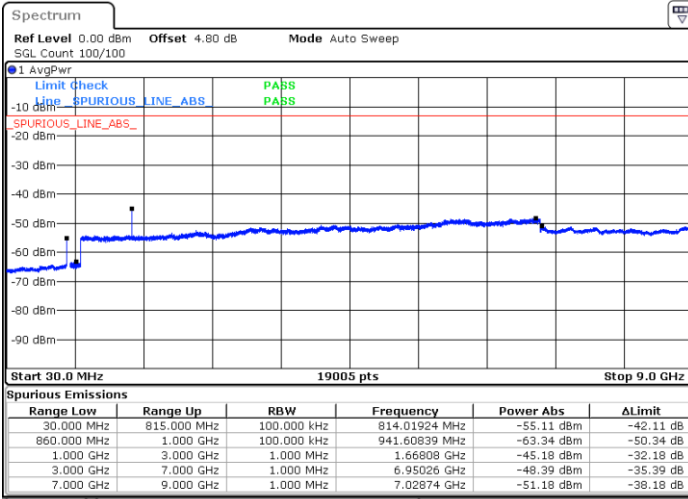


LTE Band 5B / 10MHz+10MHz

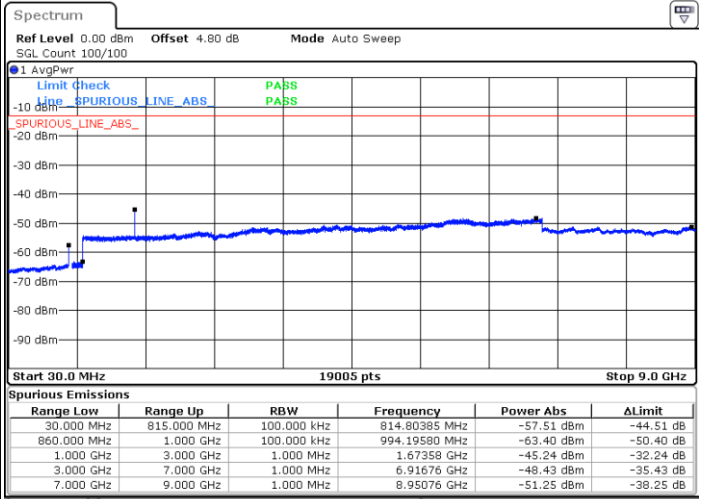
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

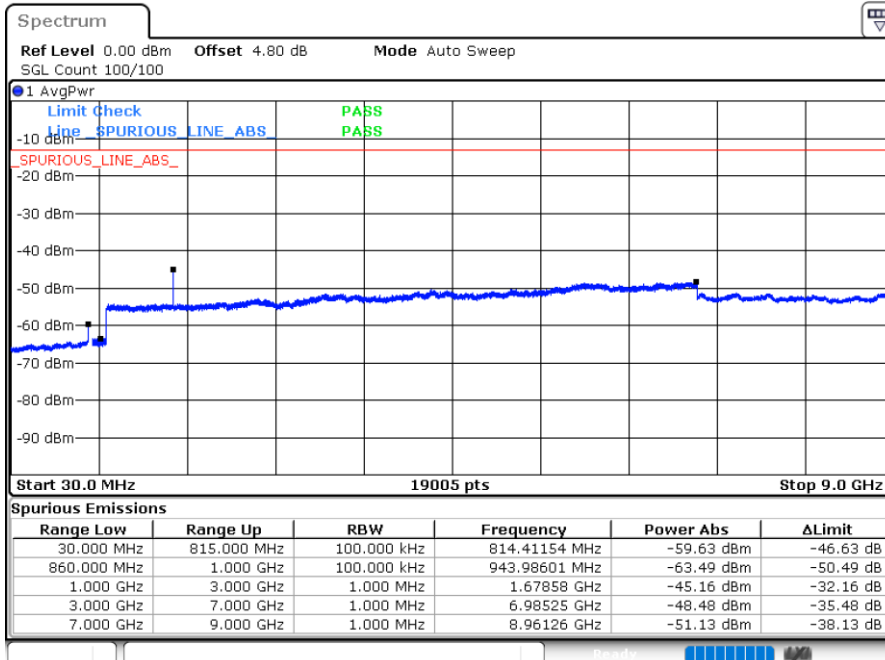


Date: 15.SEP.2024 18:39:12



Date: 15.SEP.2024 18:47:08

Highest Channel / 1RB49 and 1RB0



Date: 15.SEP.2024 18:53:06



Frequency Stability

| Test Conditions | | LTE Band 5B (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|--------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz+10MHz | 2.5ppm |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0027 | PASS |
| 40 | Normal Voltage | 0.0011 | |
| 30 | Normal Voltage | 0.0009 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0043 | |
| 0 | Normal Voltage | 0.0017 | |
| -10 | Normal Voltage | 0.0015 | |
| -20 | Normal Voltage | 0.0021 | |
| -30 | Normal Voltage | 0.0019 | |
| 20 | Maximum Voltage | 0.0037 | |
| 20 | Normal Voltage | 0.0025 | |
| 20 | Battery End Point | 0.0016 | |

Note:

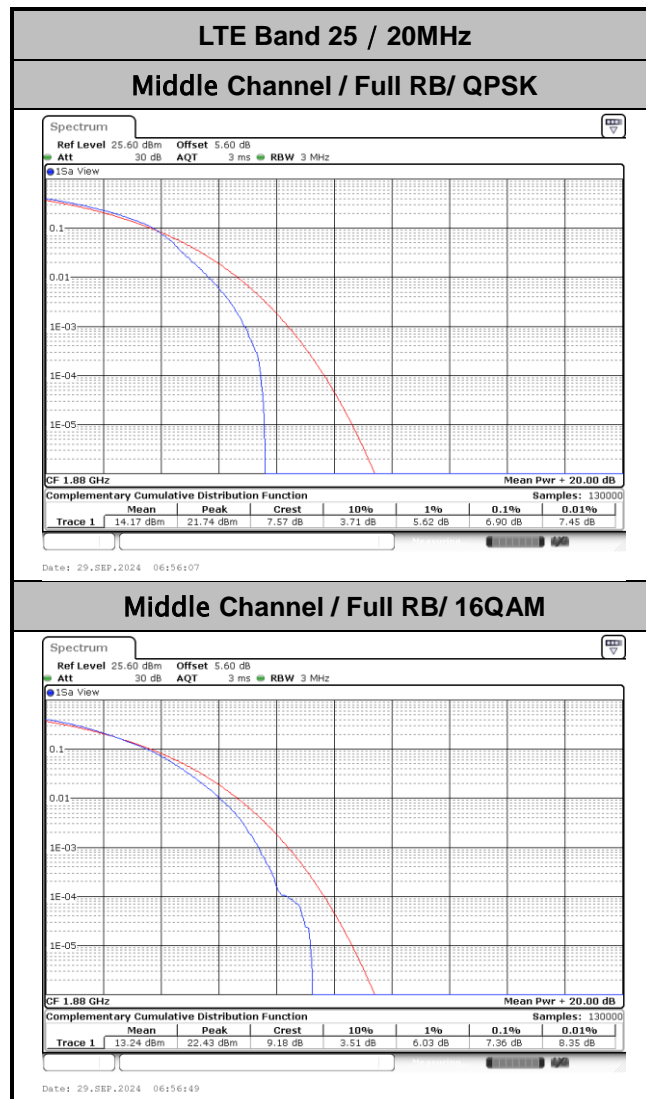
1. Normal Voltage =3.8V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

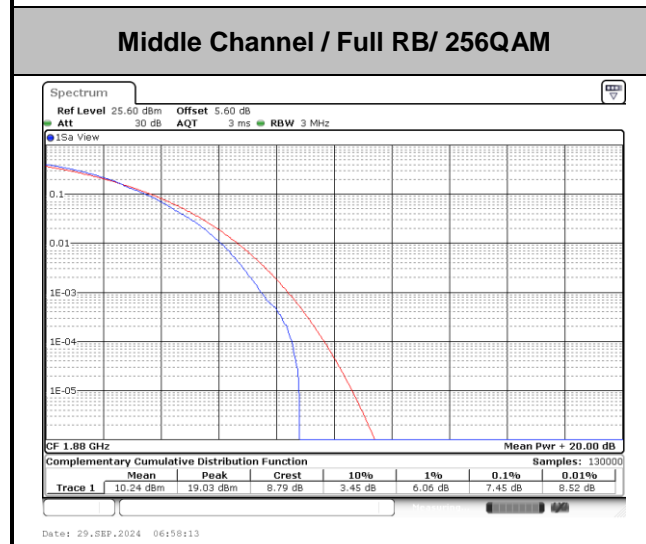
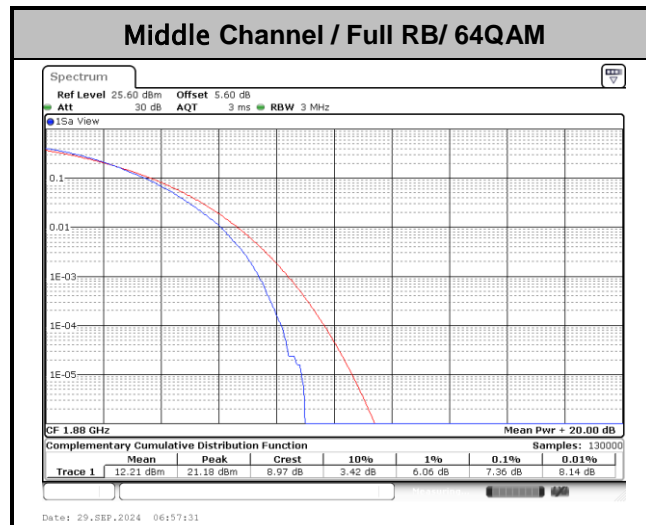


LTE Band 25(Other PA)

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 | 6.90 | 7.36 | 7.36 | 7.45 | PASS |







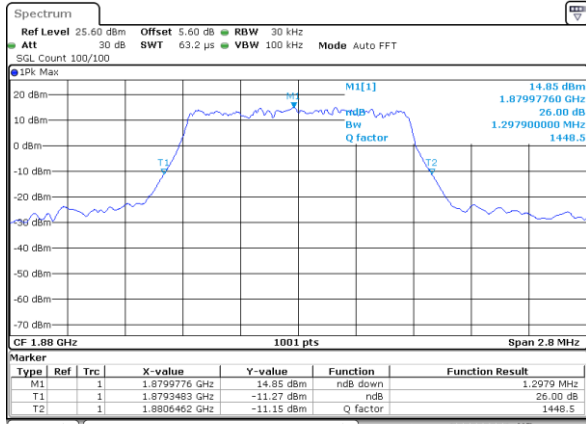
26dB Bandwidth

| Mode | LTE Band 25 : 26dB BW(MHz) | |
|-----------|----------------------------|-------|
| BW | 1.4MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 1.30 | 1.29 |
| BW | 3MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 3.0 | 2.99 |
| BW | 5MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 4.95 | 4.88 |
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.89 | 9.77 |
| BW | 15MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 14.21 | 14.33 |
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 18.98 | 19.14 |



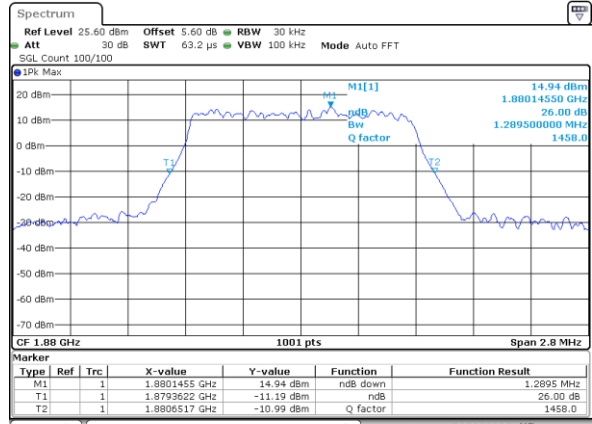
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 29_SEP.2024 07:13:11

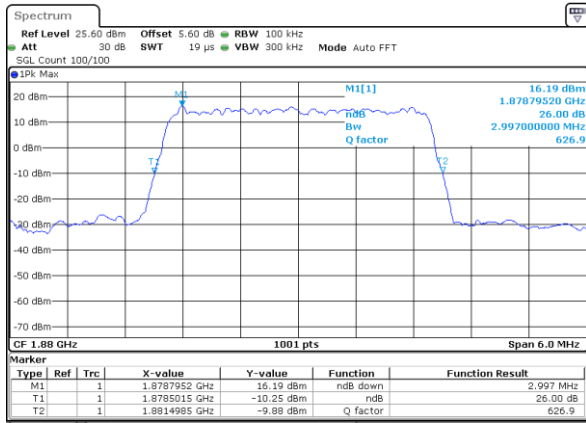
Middle Channel / 1.4MHz / 16QAM



Date: 29_SEP.2024 07:13:52

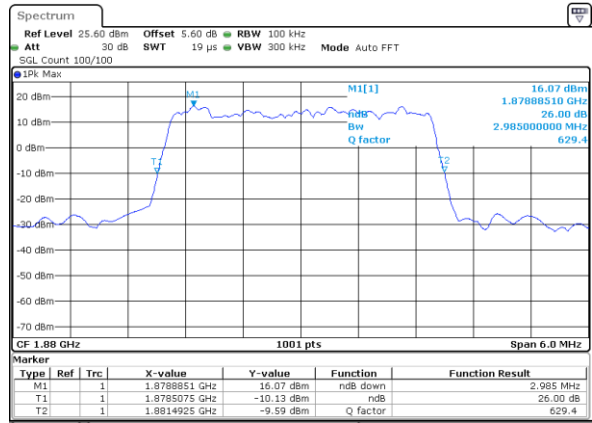
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 29_SEP.2024 07:10:28

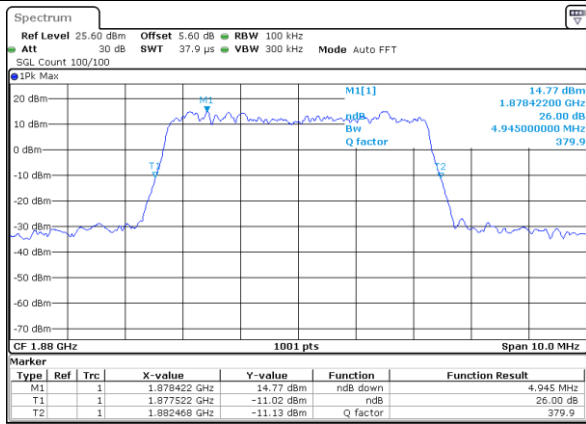
Middle Channel / 3MHz / 16QAM



Date: 29_SEP.2024 07:11:08

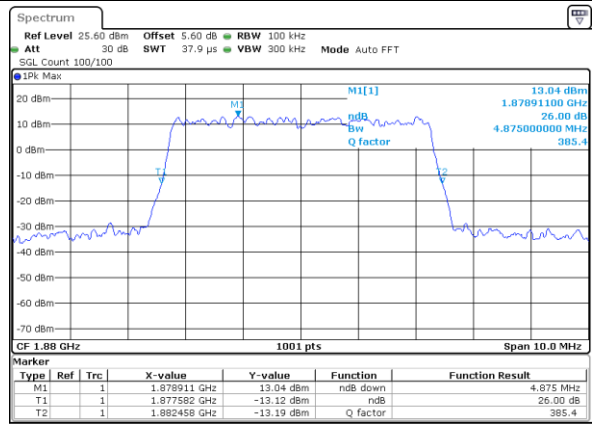
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 29_SEP.2024 07:07:44

Middle Channel / 5MHz / 16QAM

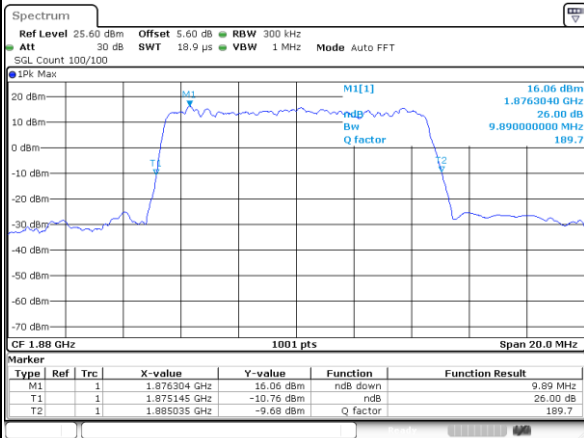


Date: 29_SEP.2024 07:08:25



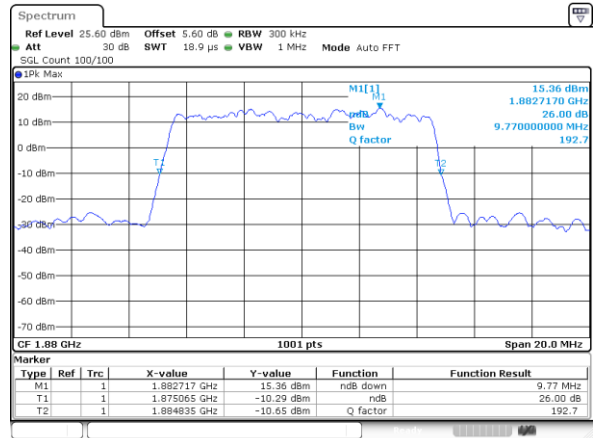
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 29_SEP.2024 07:04:57

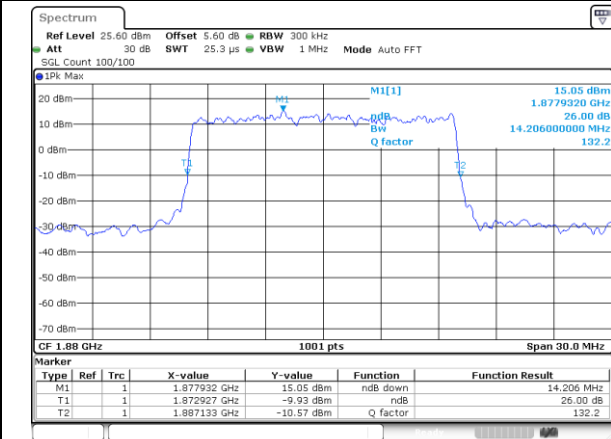
Middle Channel / 10MHz / 16QAM



Date: 29_SEP.2024 07:05:41

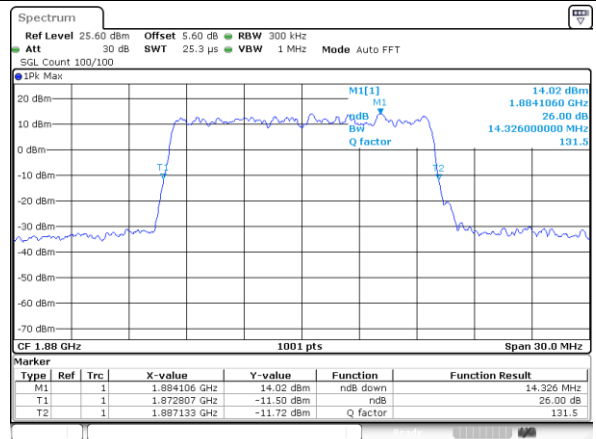
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 29_SEP.2024 07:02:10

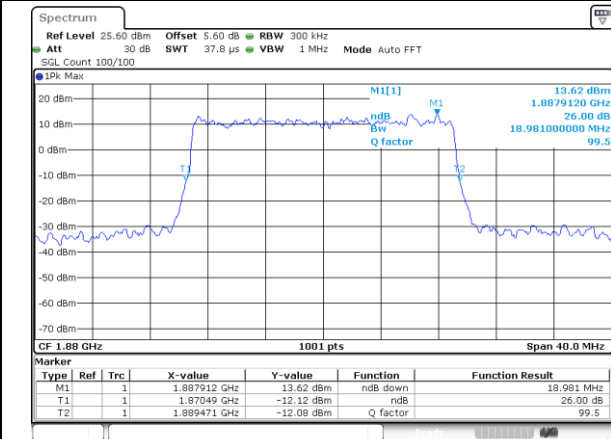
Middle Channel / 15MHz / 16QAM



Date: 29_SEP.2024 07:02:51

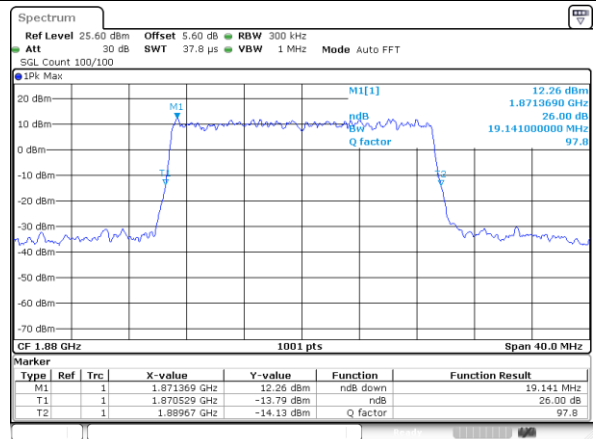
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 29_SEP.2024 06:36:03

Middle Channel / 20MHz / 16QAM

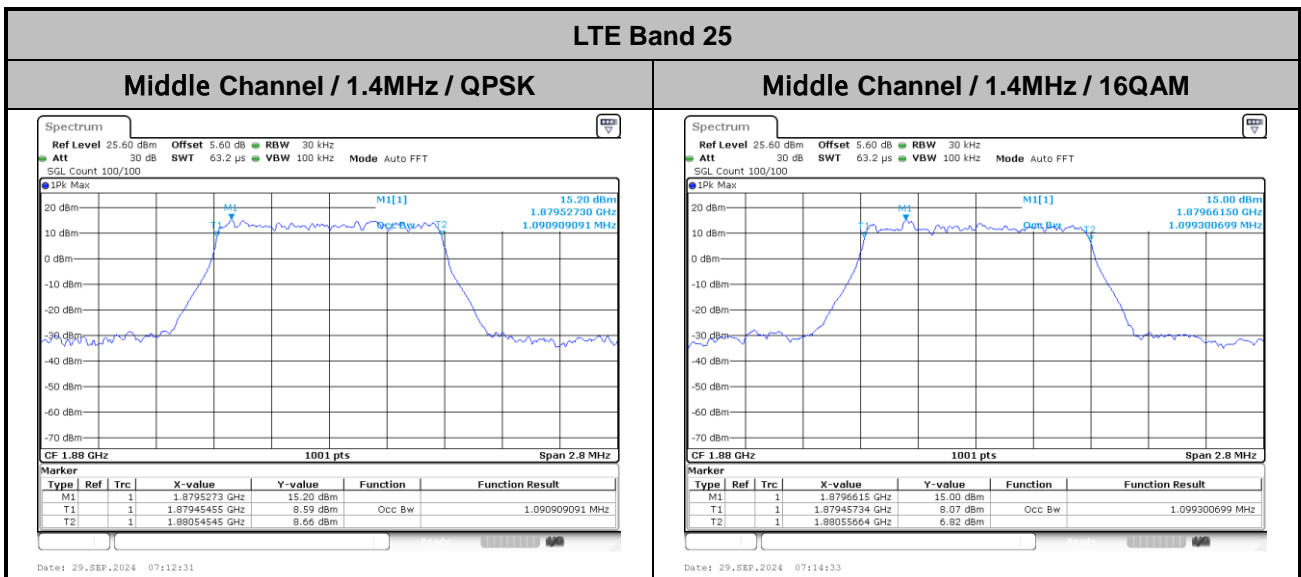


Date: 29_SEP.2024 06:36:44



Occupied Bandwidth

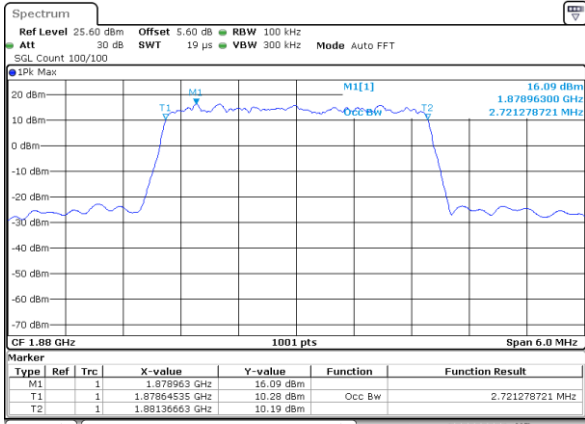
| | | |
|-----------|---------------------------|-------|
| Mode | LTE Band 25 : 99%OBW(MHz) | |
| BW | 1.4MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 1.09 | 1.10 |
| BW | 3MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 2.72 | 2.71 |
| BW | 5MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 4.48 | 4.50 |
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.03 | 9.01 |
| BW | 15MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 13.46 | 13.43 |
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 17.86 | 17.86 |





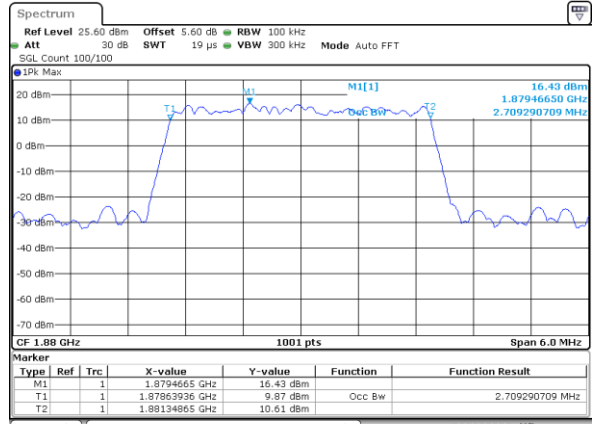
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 29_SEP.2024 07:09:47

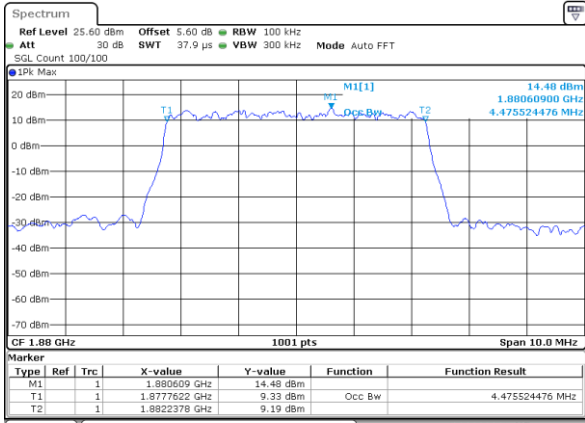
Middle Channel / 3MHz / 16QAM



Date: 29_SEP.2024 07:11:49

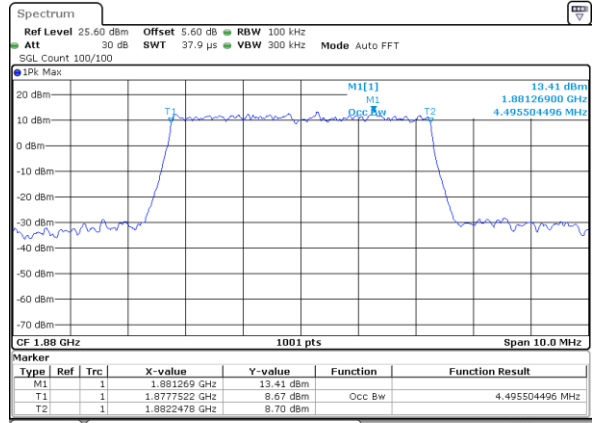
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 29_SEP.2024 07:07:03

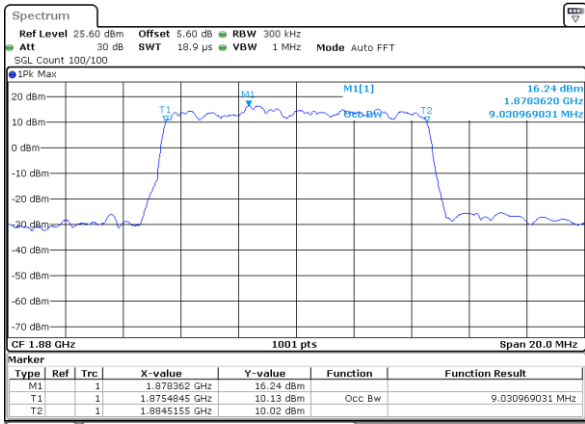
Middle Channel / 5MHz / 16QAM



Date: 29_SEP.2024 07:09:05

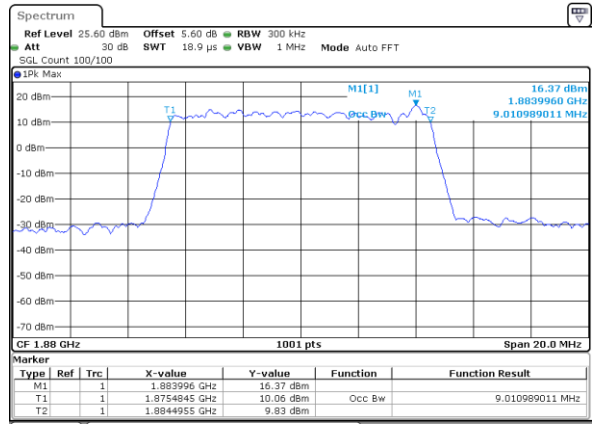
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 29_SEP.2024 07:04:13

Middle Channel / 10MHz / 16QAM

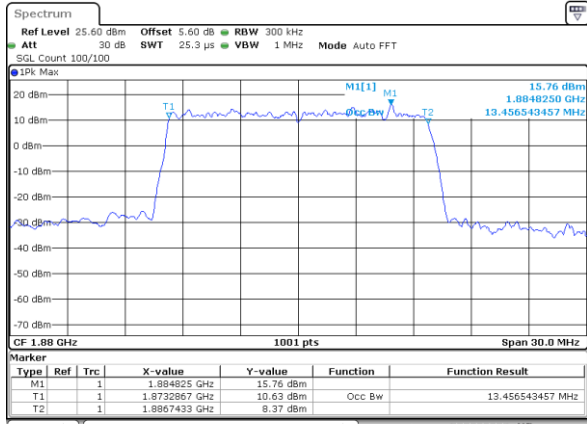


Date: 29_SEP.2024 07:06:21



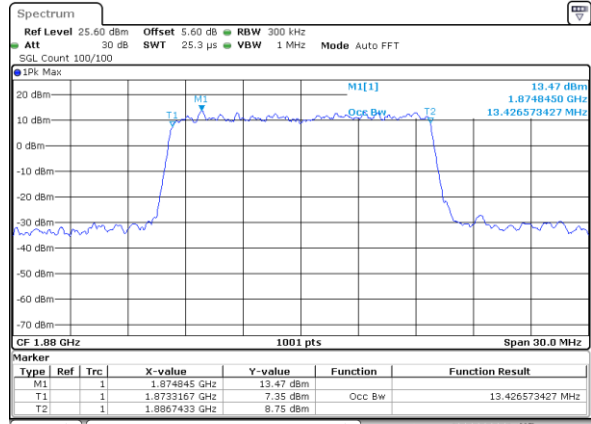
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 29_SEP.2024 07:01:35

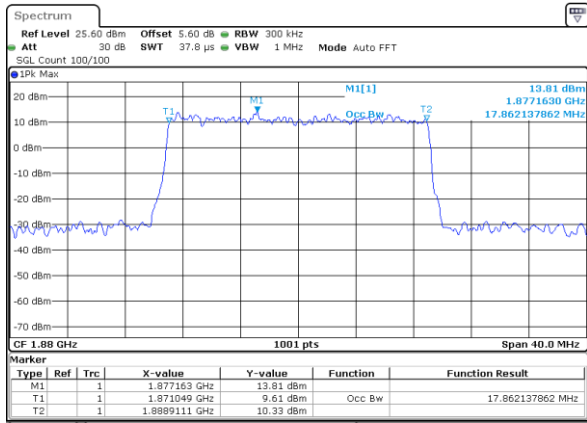
Middle Channel / 15MHz / 16QAM



Date: 29_SEP.2024 07:10:131

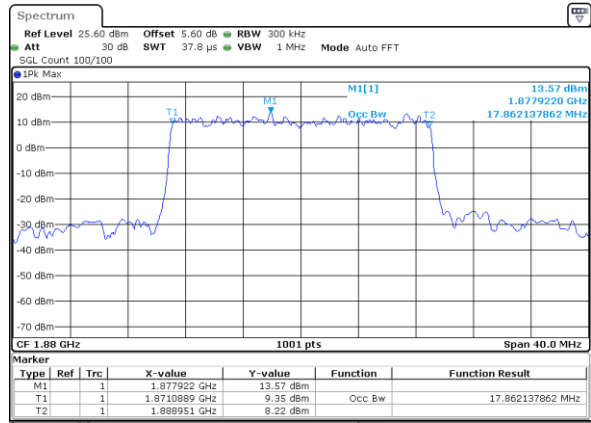
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 29_SEP.2024 06:35:22

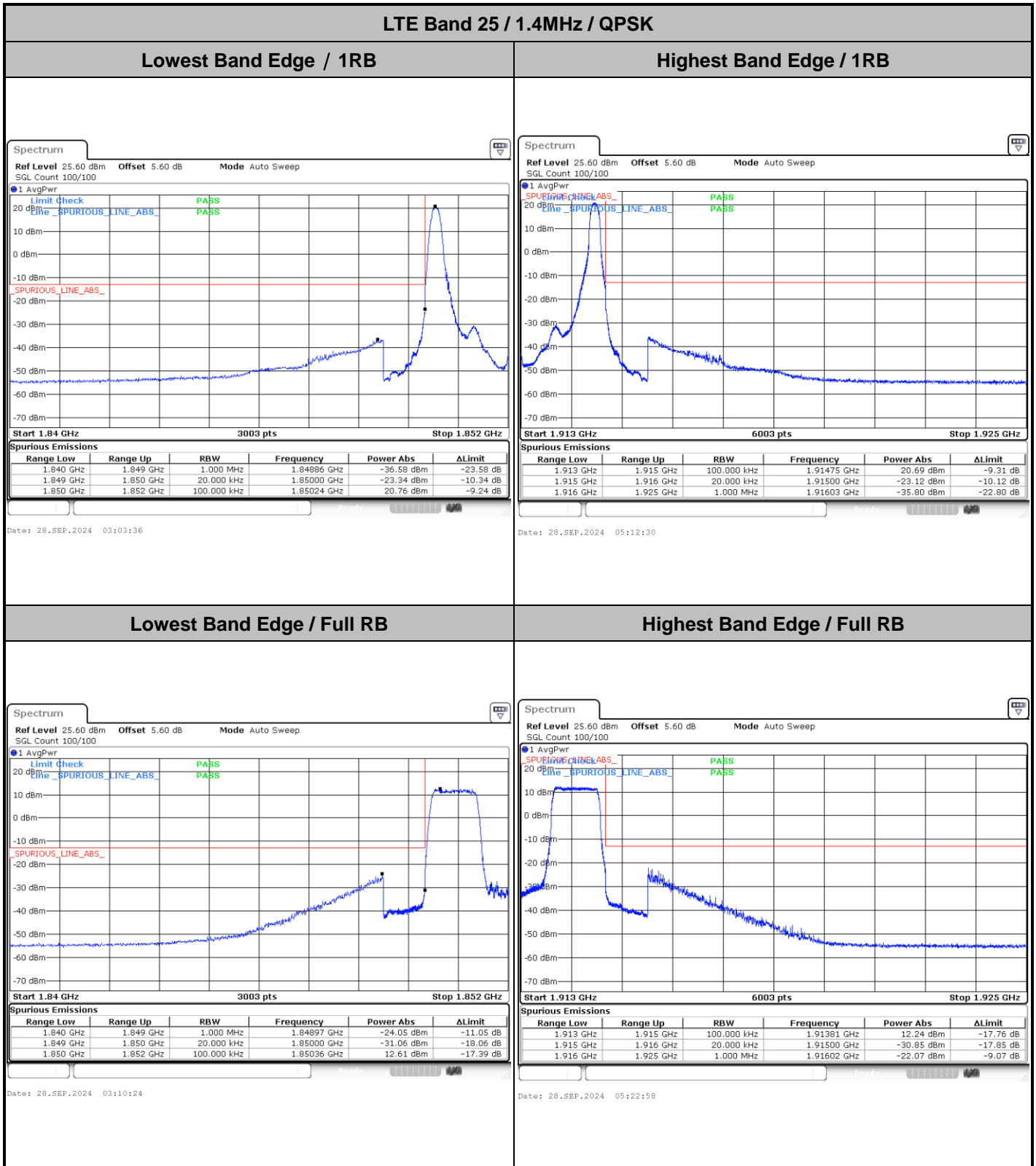
Middle Channel / 20MHz / 16QAM



Date: 29_SEP.2024 06:37:125



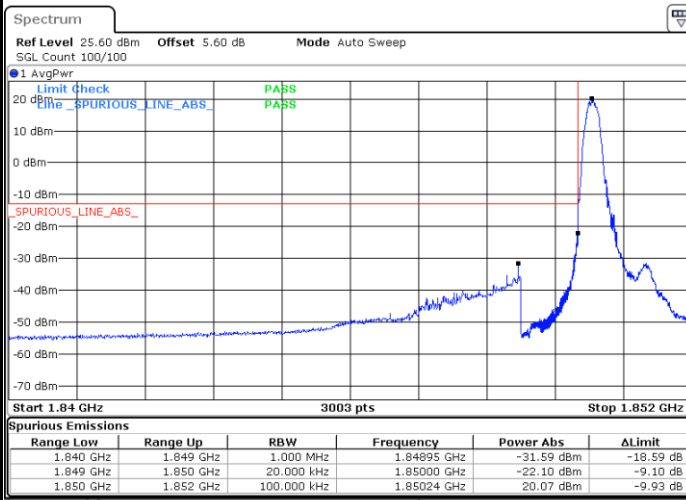
Conducted Band Edge





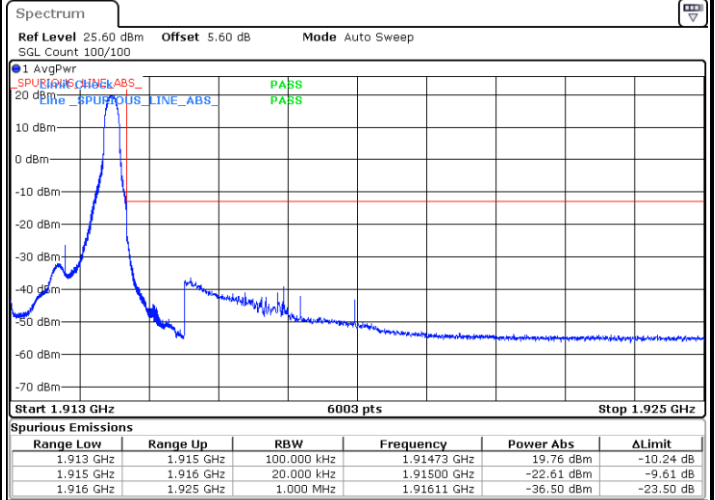
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



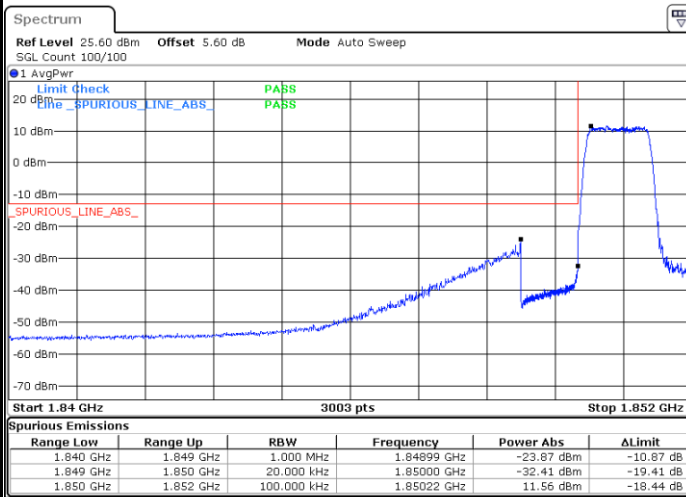
Date: 28_SEP.2024 03:05:17

Highest Band Edge / 1 RB



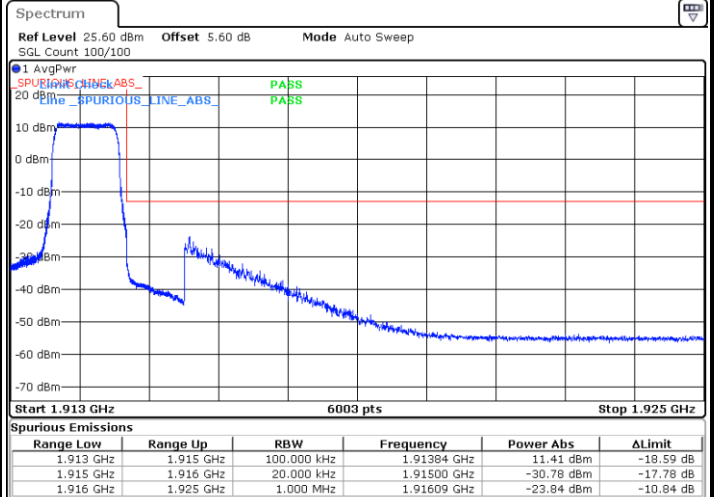
Date: 28_SEP.2024 05:14:35

Lowest Band Edge / Full RB



Date: 28_SEP.2024 03:12:05

Highest Band Edge / Full RB

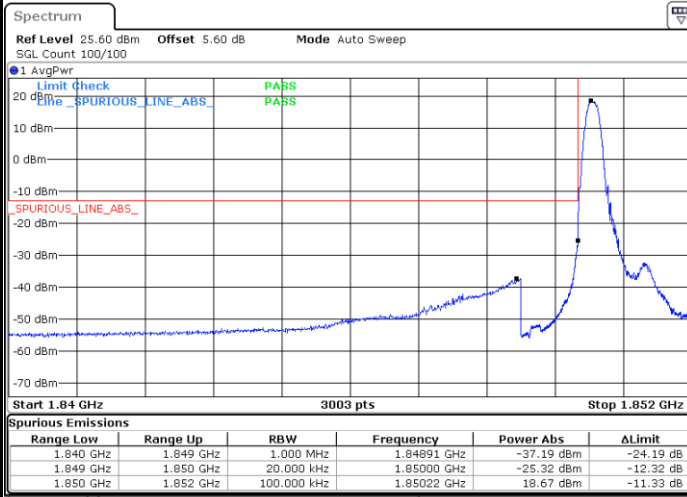


Date: 28_SEP.2024 05:25:02



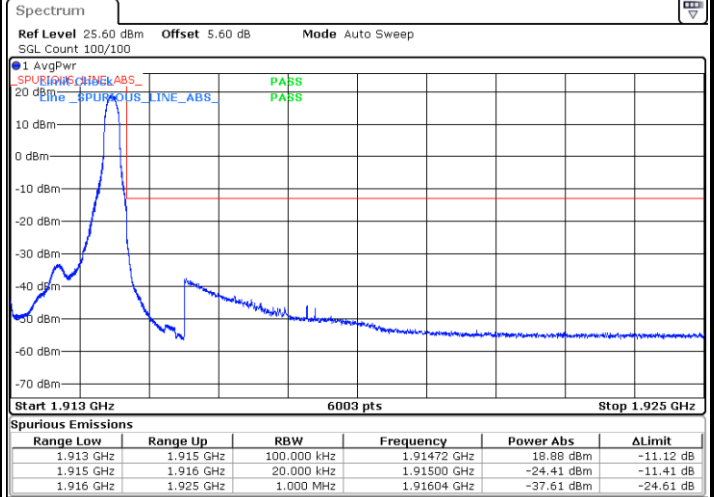
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



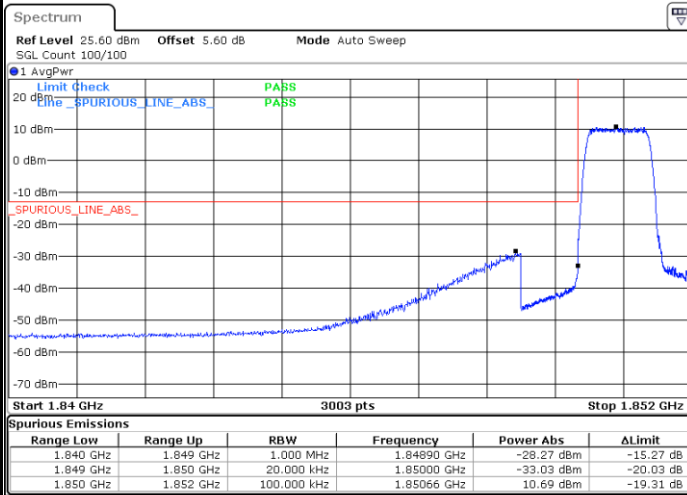
Date: 28_SEP.2024 03:06:59

Highest Band Edge / 1 RB



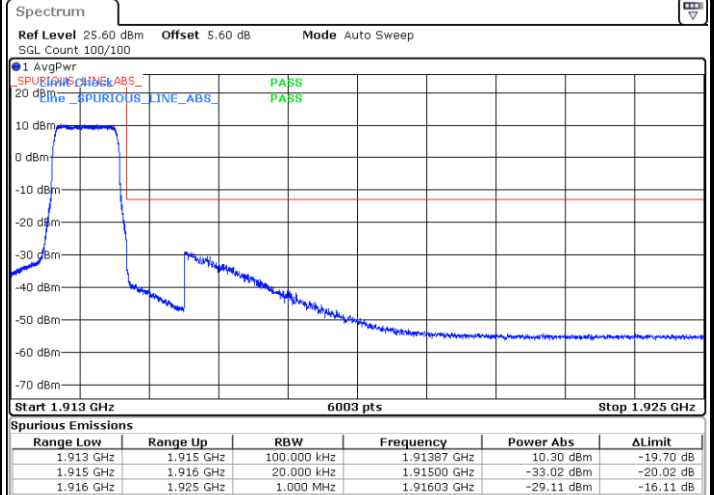
Date: 28_SEP.2024 05:16:36

Lowest Band Edge / Full RB



Date: 28_SEP.2024 03:13:46

Highest Band Edge / Full RB



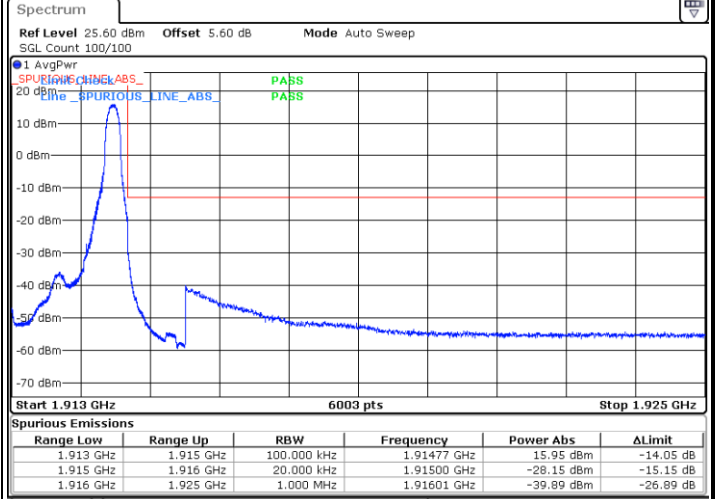
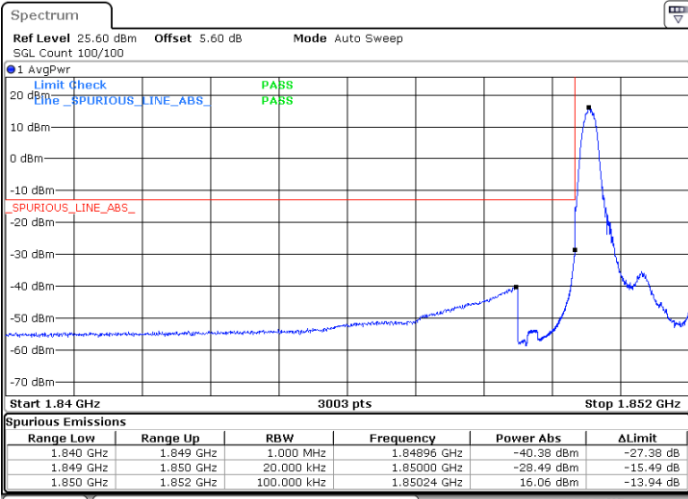
Date: 28_SEP.2024 05:27:03



LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

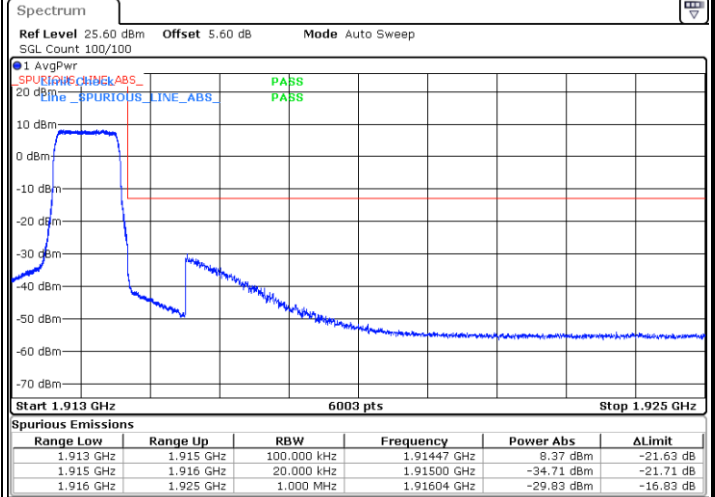
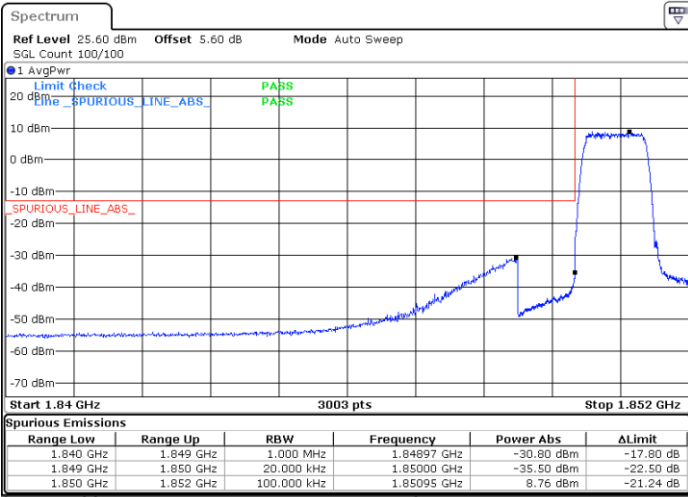


Date: 28_SEP.2024 03:09:43

Date: 28_SEP.2024 05:18:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



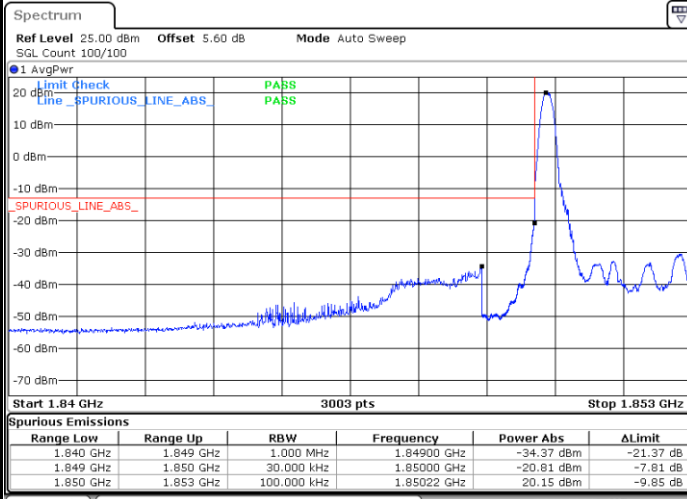
Date: 28_SEP.2024 03:15:28

Date: 28_SEP.2024 05:29:04



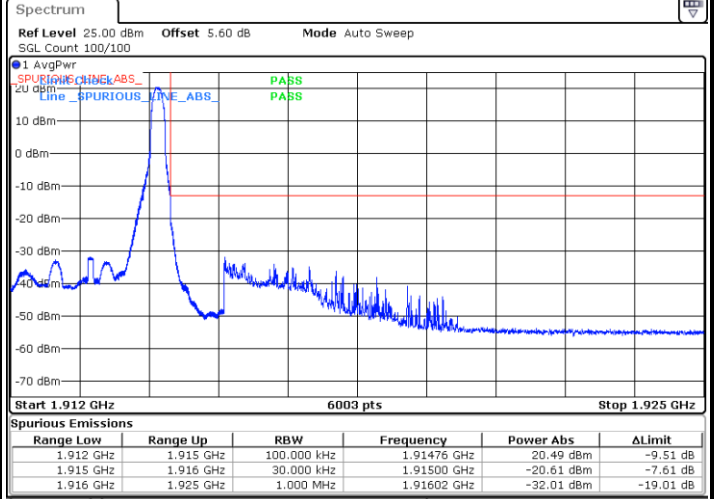
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



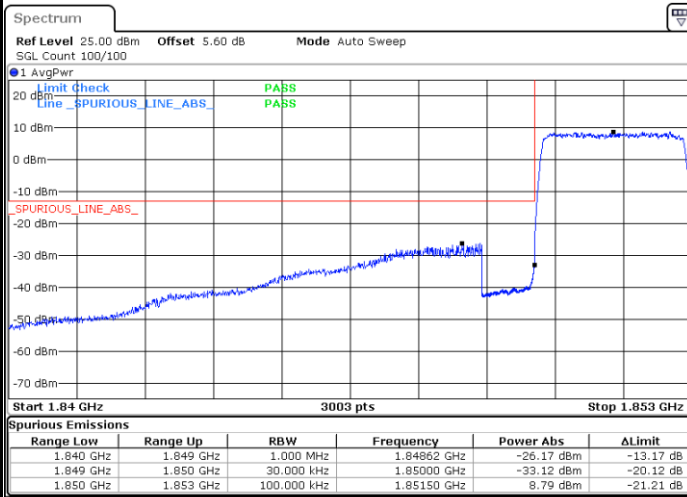
Date: 28.SEP.2024 06:07:15

Highest Band Edge / 1 RB



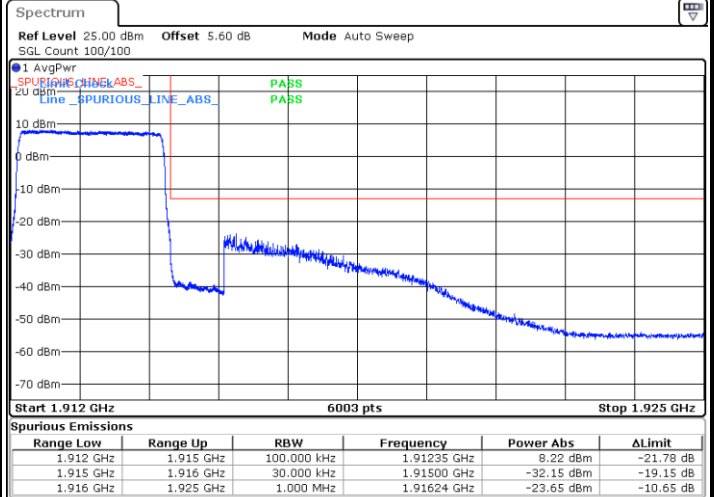
Date: 29.SEP.2024 03:10:24

Lowest Band Edge / Full RB



Date: 28.SEP.2024 05:57:42

Highest Band Edge / Full RB

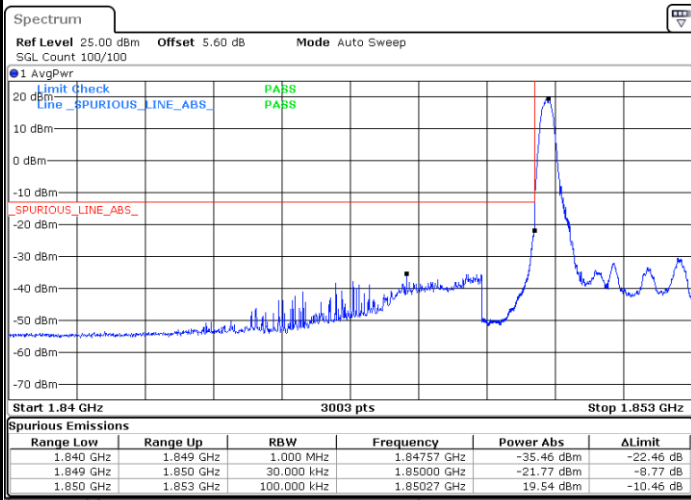


Date: 28.SEP.2024 06:20:17



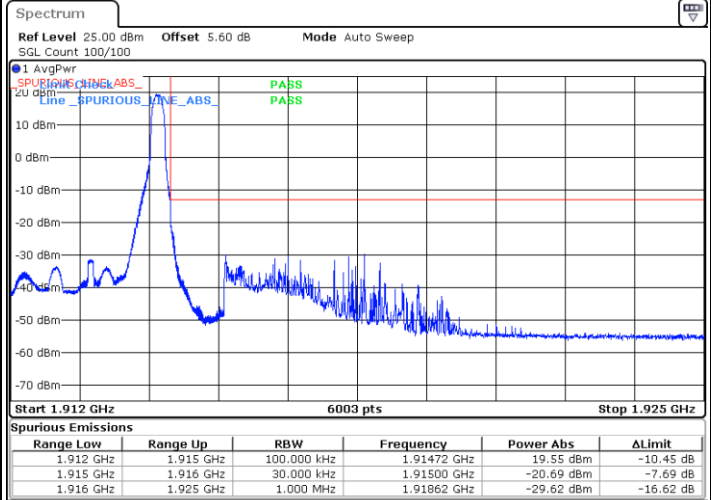
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



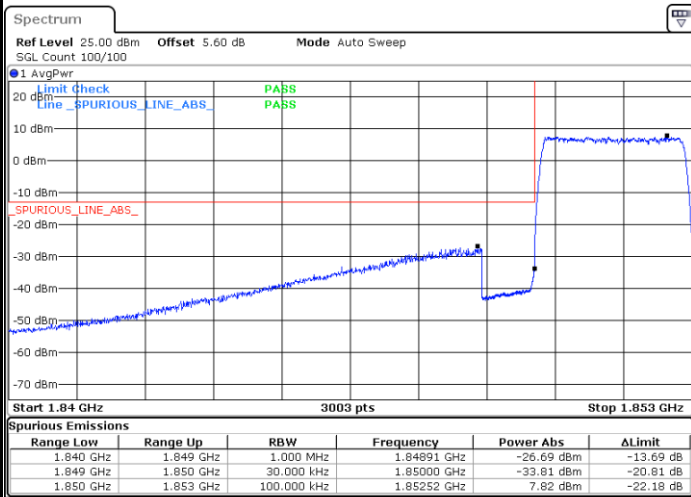
Date: 28.SEP.2024 06:09:18

Highest Band Edge / 1 RB



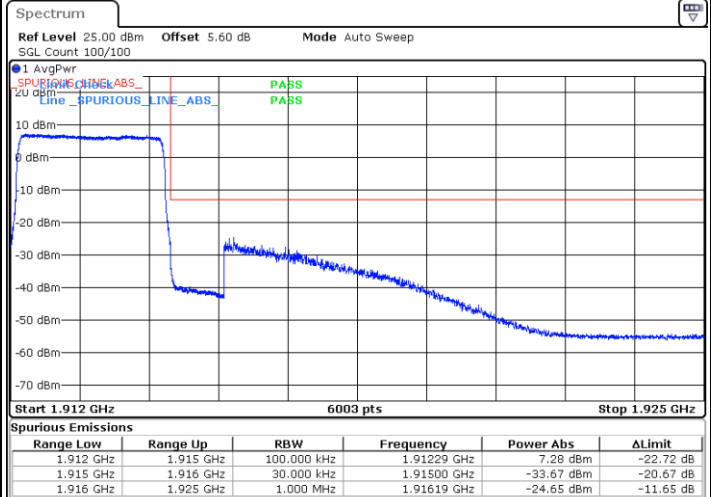
Date: 29.SEP.2024 03:12:06

Lowest Band Edge / Full RB



Date: 28.SEP.2024 05:59:43

Highest Band Edge / Full RB

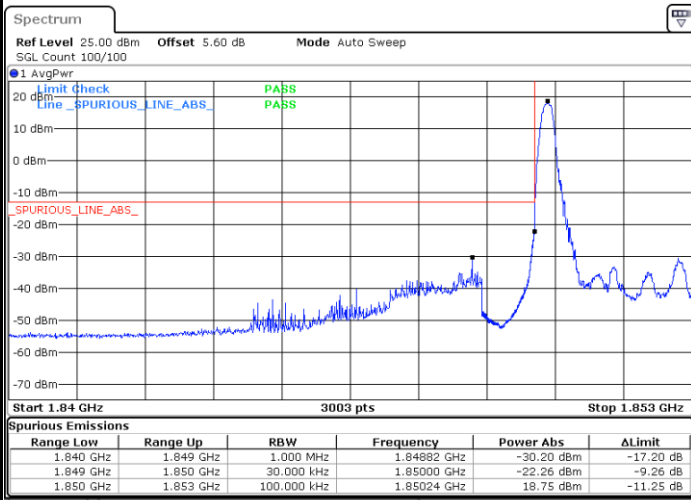


Date: 28.SEP.2024 06:22:18



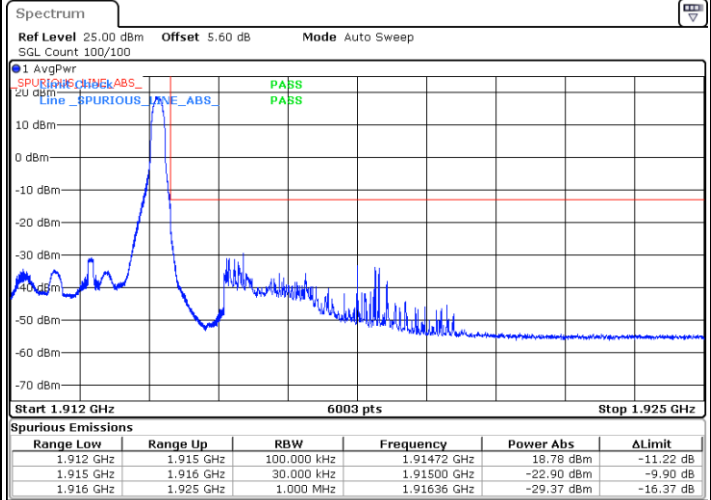
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



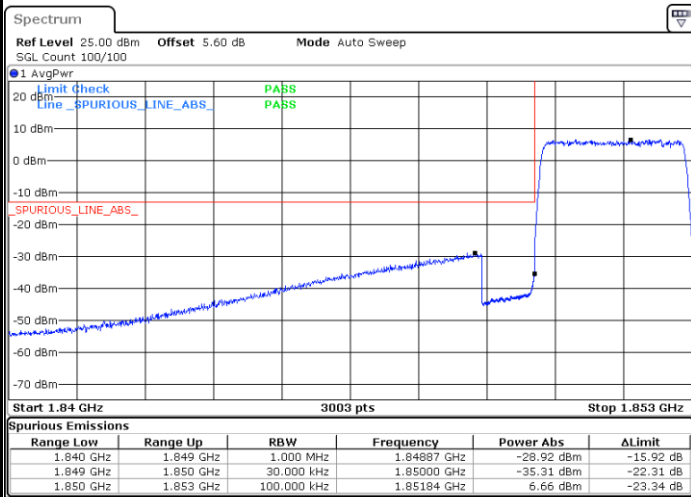
Date: 28.SEP.2024 06:11:19

Highest Band Edge / 1 RB



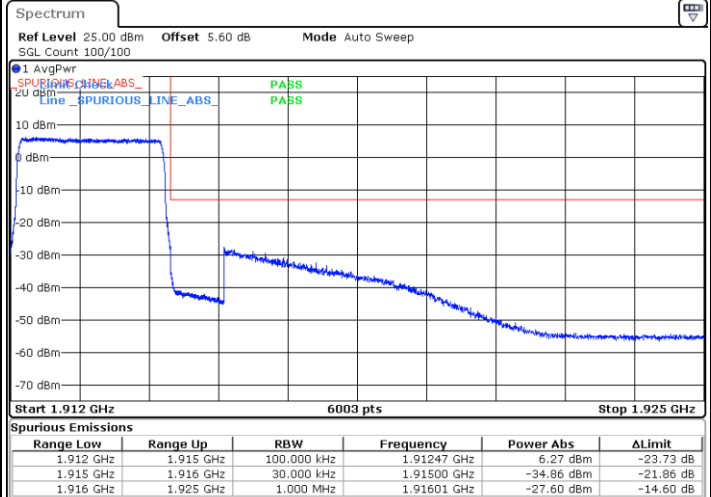
Date: 28.SEP.2024 06:18:16

Lowest Band Edge / Full RB



Date: 28.SEP.2024 06:01:43

Highest Band Edge / Full RB

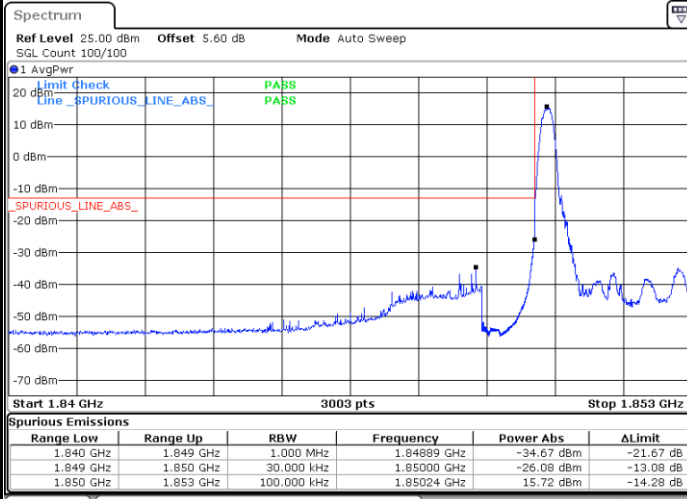


Date: 28.SEP.2024 06:24:19



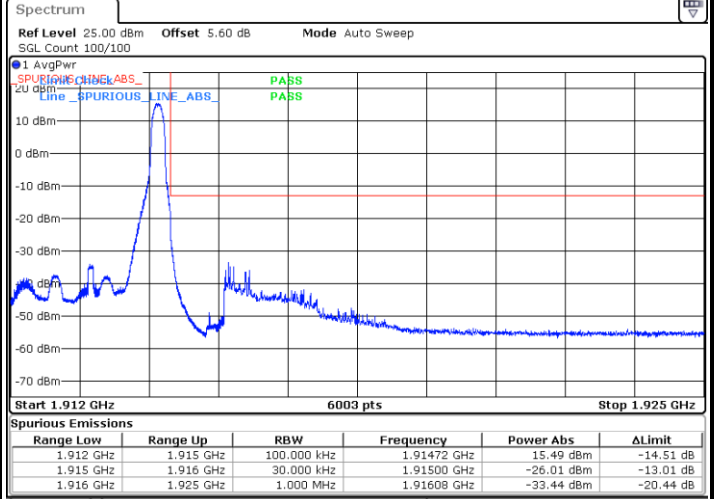
LTE Band 25 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



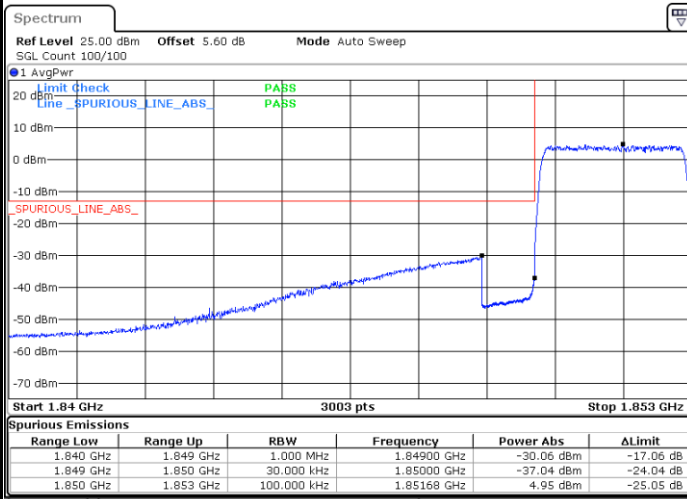
Date: 28.SEP.2024 06:13:20

Highest Band Edge / 1 RB



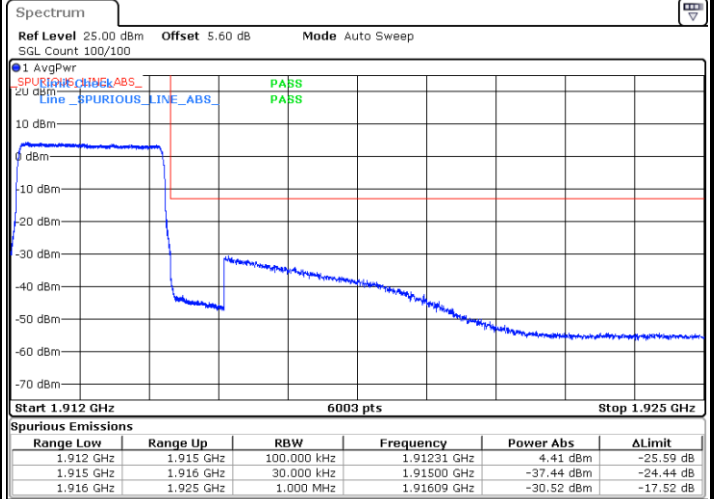
Date: 29.SEP.2024 03:13:26

Lowest Band Edge / Full RB



Date: 28.SEP.2024 06:03:44

Highest Band Edge / Full RB

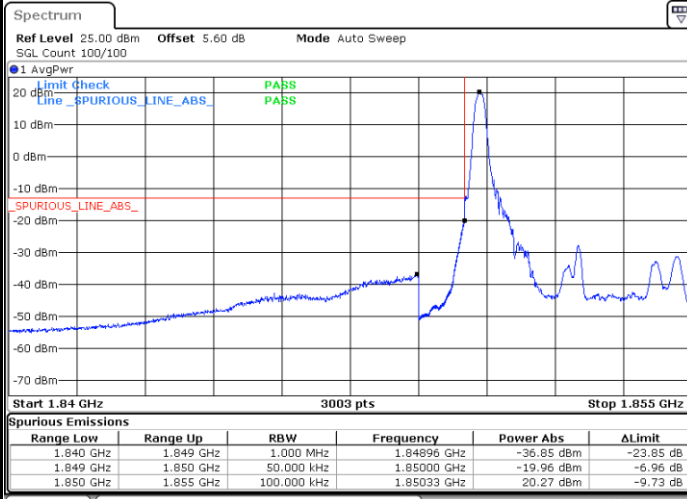


Date: 29.SEP.2024 03:15:45



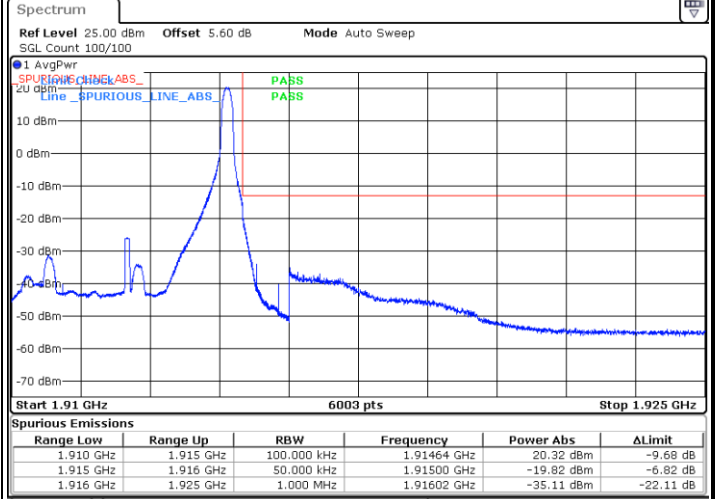
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



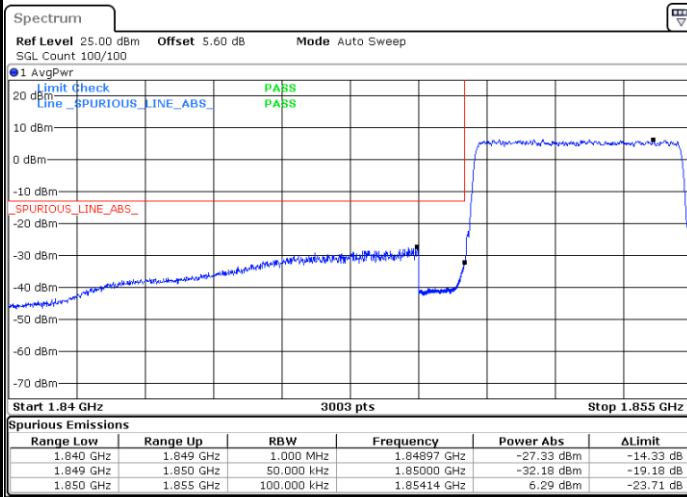
Date: 28_SEP.2024 06:33:49

Highest Band Edge / 1 RB



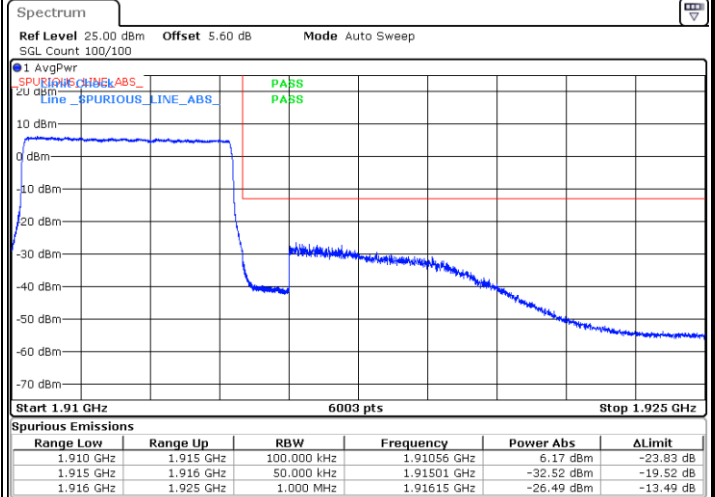
Date: 28_SEP.2024 07:03:04

Lowest Band Edge / Full RB



Date: 28_SEP.2024 06:26:20

Highest Band Edge / Full RB

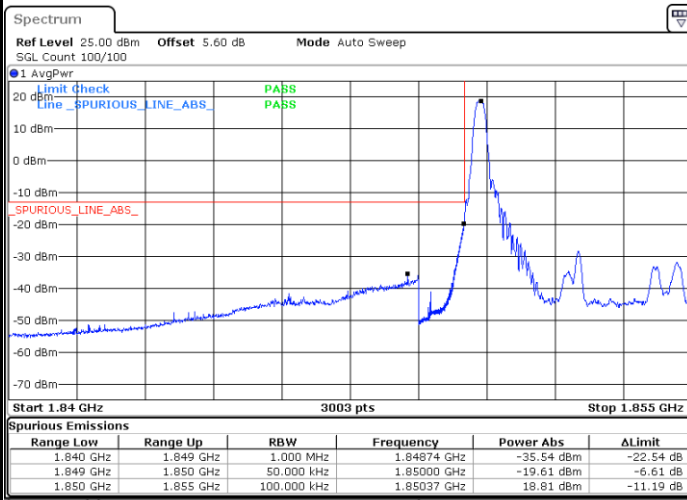


Date: 28_SEP.2024 06:57:01



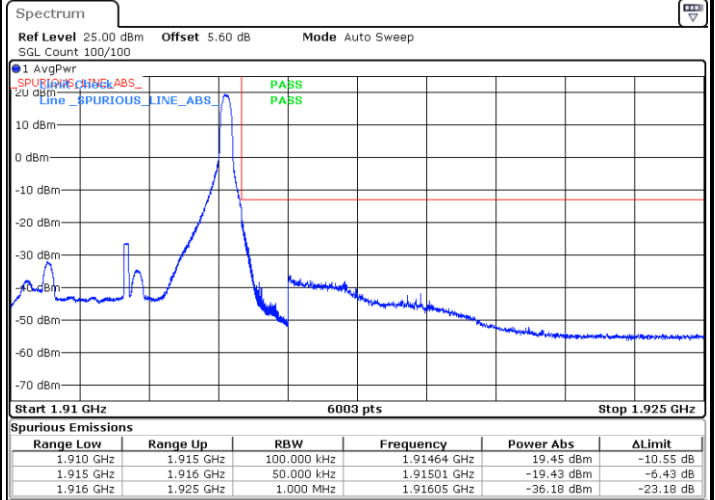
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



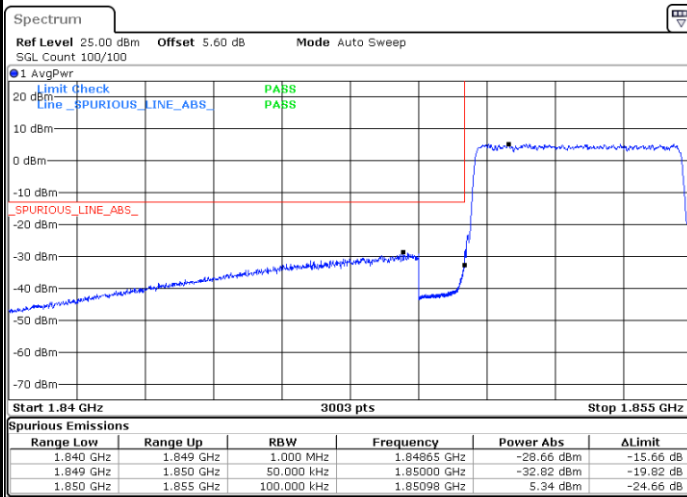
Date: 28_SEP.2024 06:35:50

Highest Band Edge / 1 RB



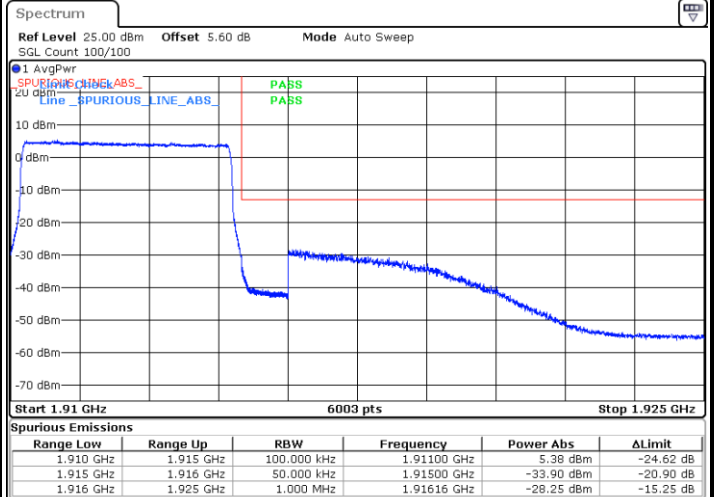
Date: 28_SEP.2024 07:05:08

Lowest Band Edge / Full RB



Date: 28_SEP.2024 06:29:21

Highest Band Edge / Full RB

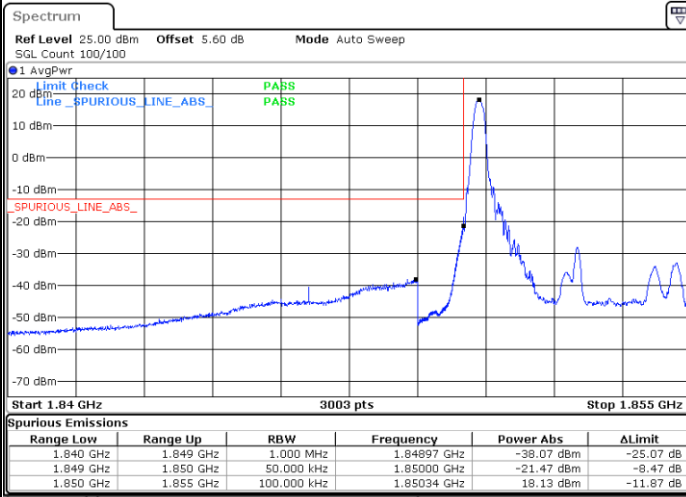


Date: 28_SEP.2024 06:59:02



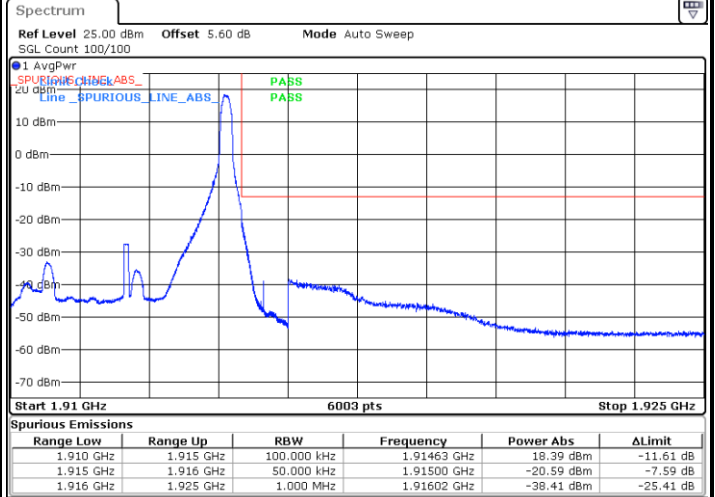
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



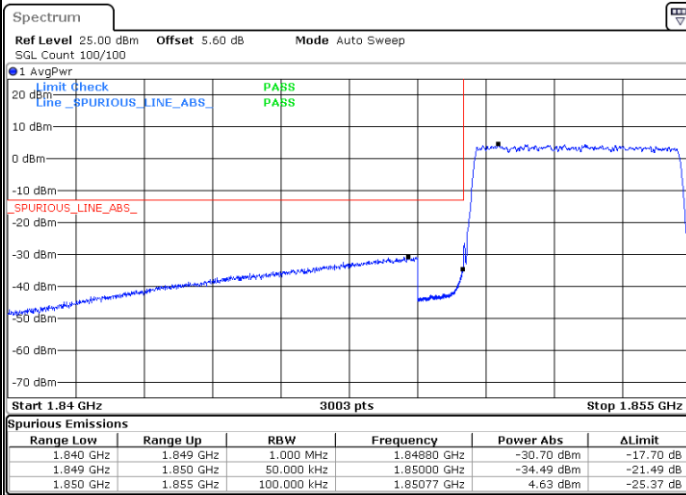
Date: 28_SEP.2024 06:37:51

Highest Band Edge / 1 RB



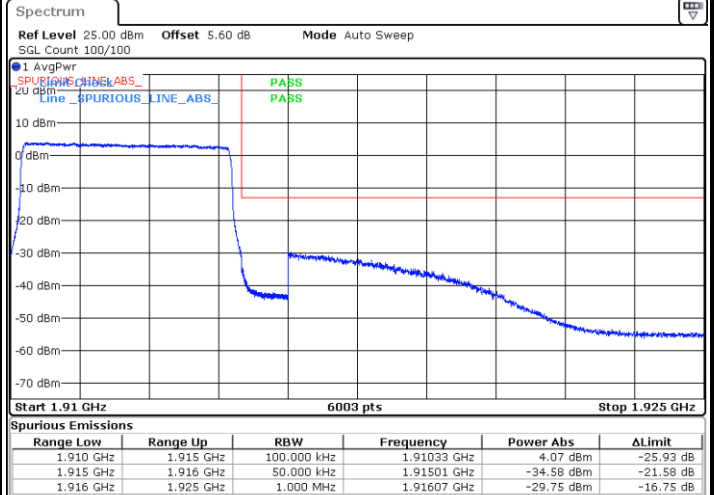
Date: 28_SEP.2024 07:07:13

Lowest Band Edge / Full RB



Date: 28_SEP.2024 06:30:22

Highest Band Edge / Full RB

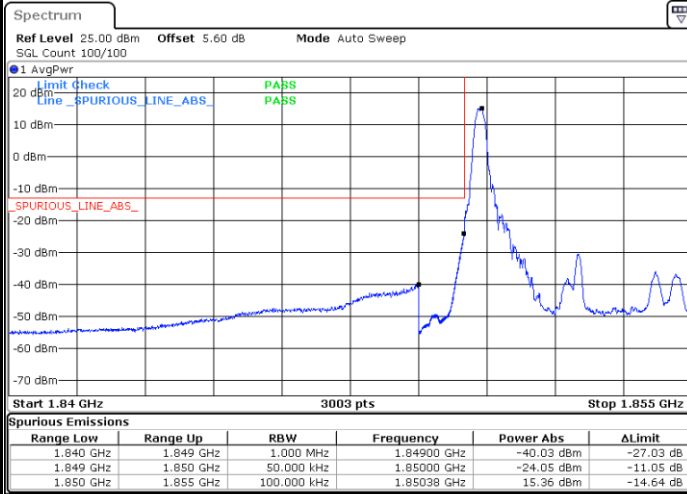


Date: 28_SEP.2024 07:01:03



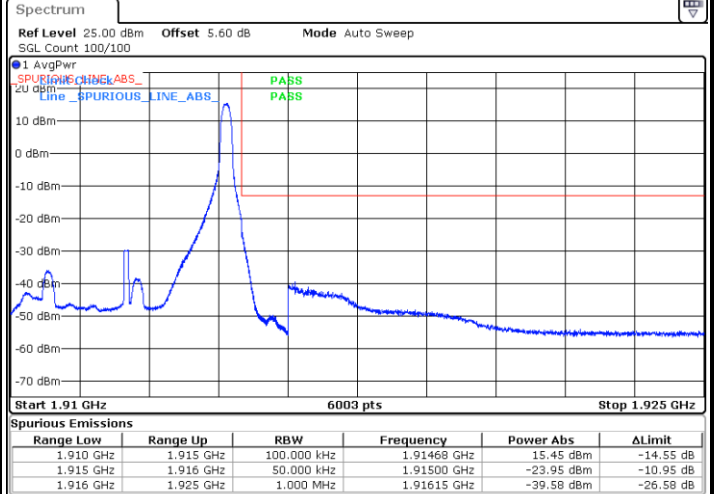
LTE Band 25 / 5MHz / 256QAM

Lowest Band Edge / 1RB



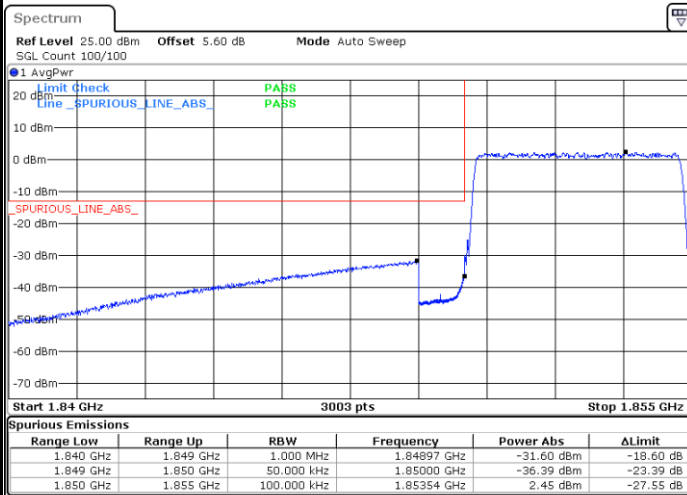
Date: 29_SEP.2024 03:18:36

Highest Band Edge / 1 RB



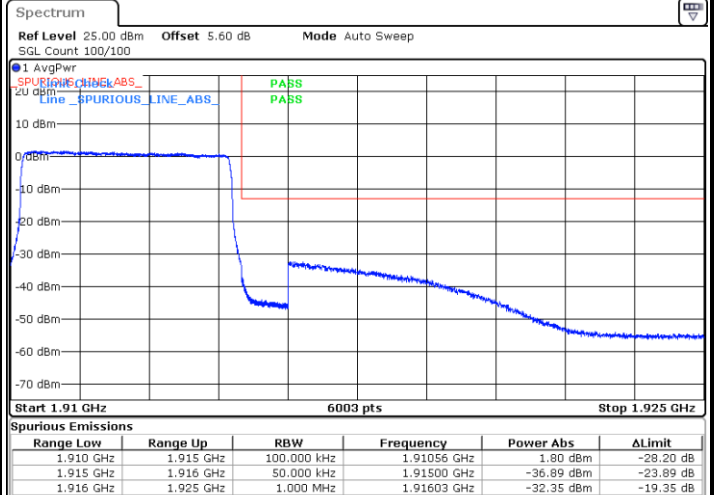
Date: 29_SEP.2024 03:20:29

Lowest Band Edge / Full RB



Date: 29_SEP.2024 03:17:24

Highest Band Edge / Full RB

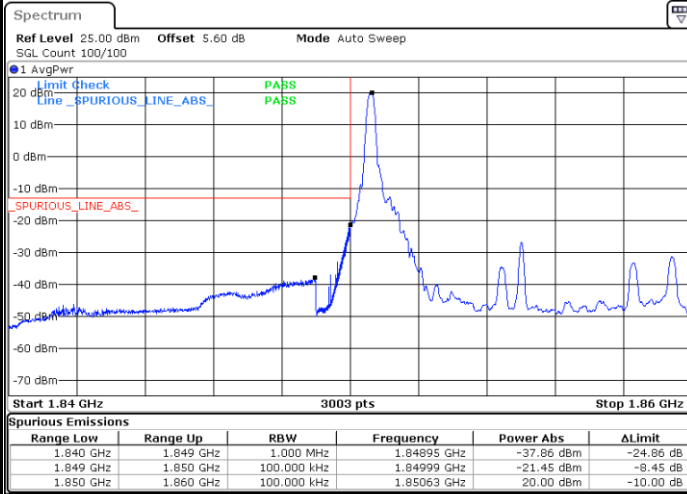


Date: 29_SEP.2024 03:22:28



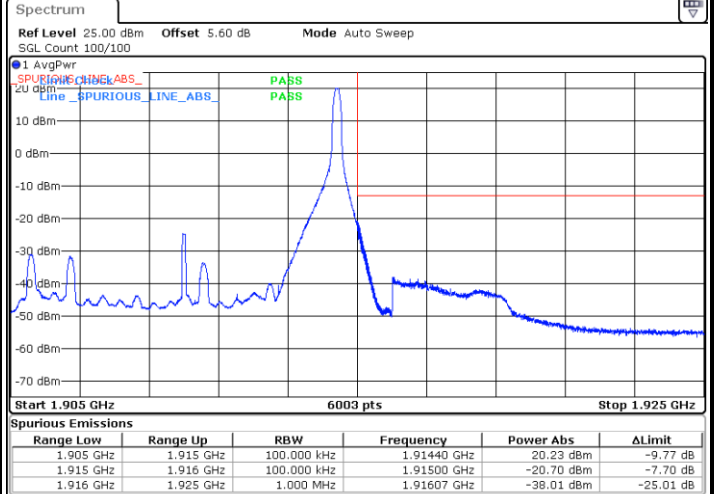
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



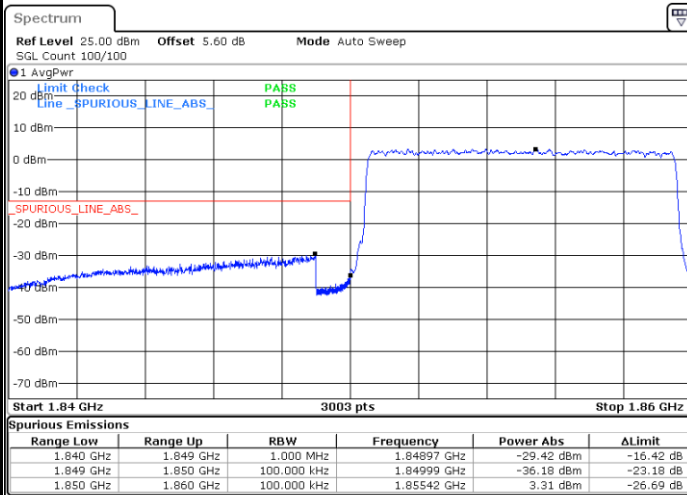
Date: 28.SEP.2024 07:15:15

Highest Band Edge / 1 RB



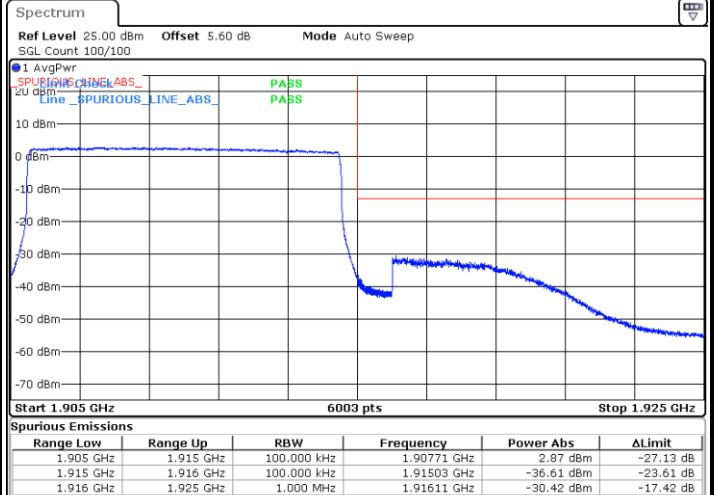
Date: 29.SEP.2024 04:02:57

Lowest Band Edge / Full RB



Date: 28.SEP.2024 07:09:14

Highest Band Edge / Full RB

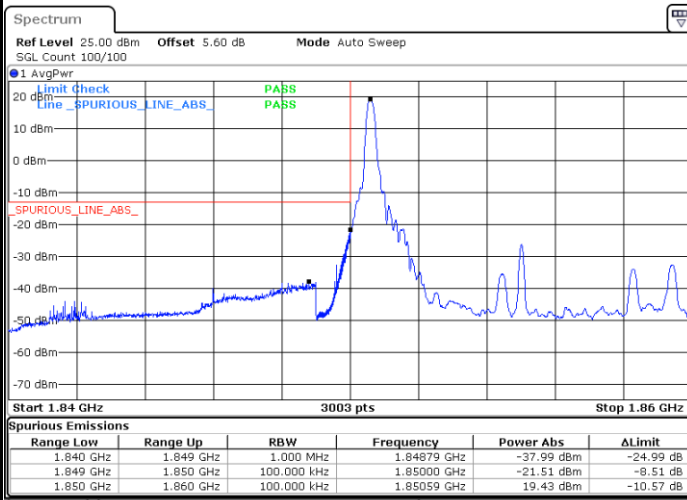


Date: 29.SEP.2024 03:53:34



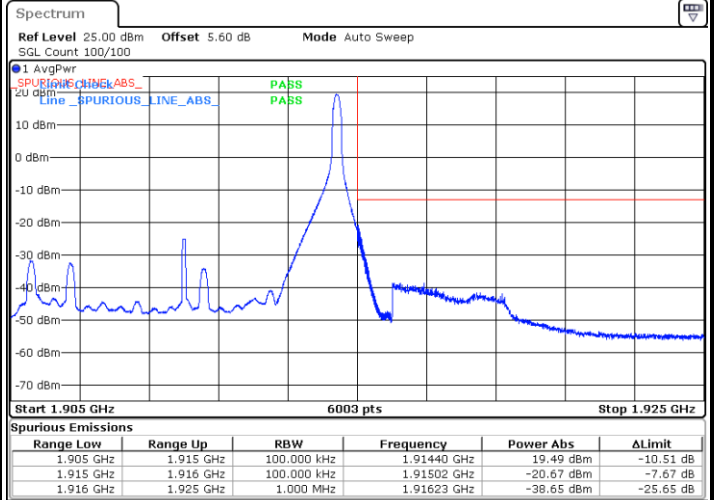
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



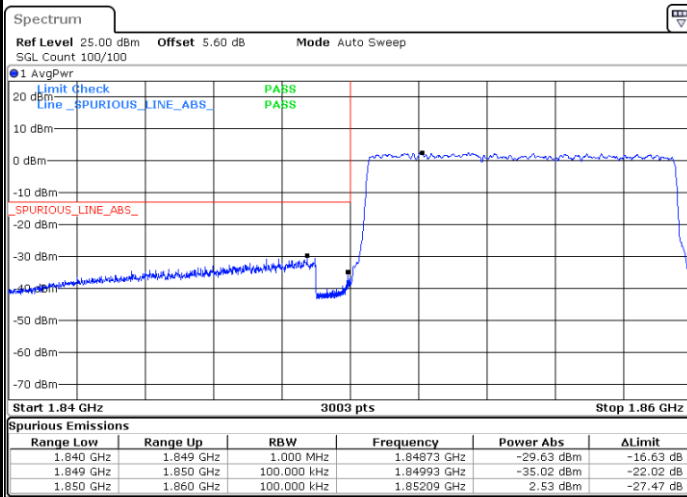
Date: 28.SEP.2024 07:18:43

Highest Band Edge / 1 RB



Date: 29.SEP.2024 04:05:21

Lowest Band Edge / Full RB



Date: 28.SEP.2024 07:11:14

Highest Band Edge / Full RB

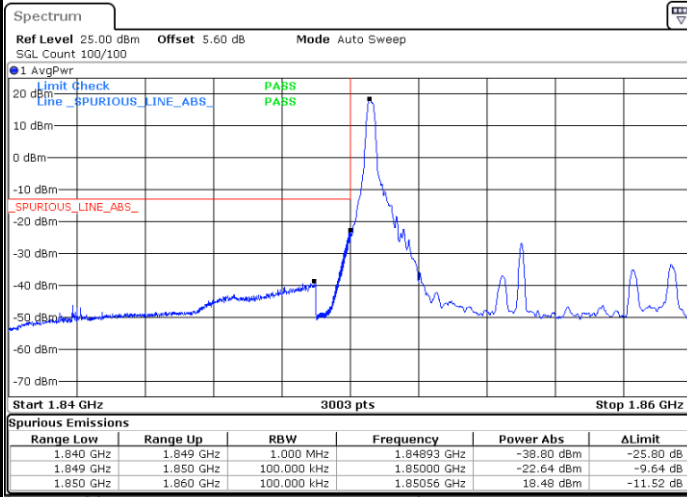


Date: 29.SEP.2024 03:55:55



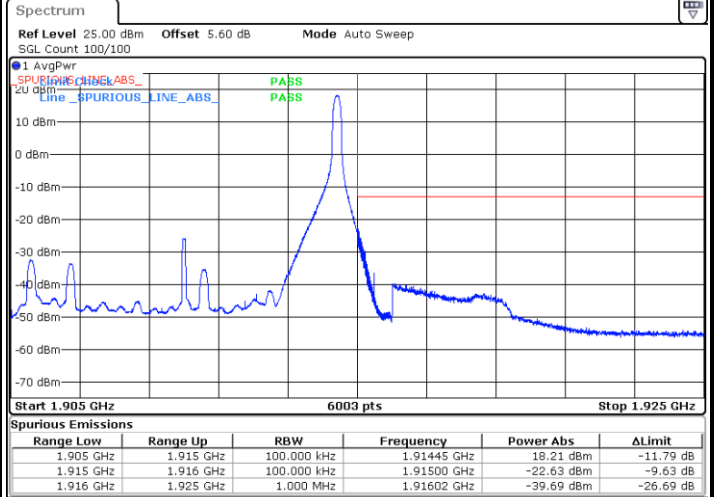
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



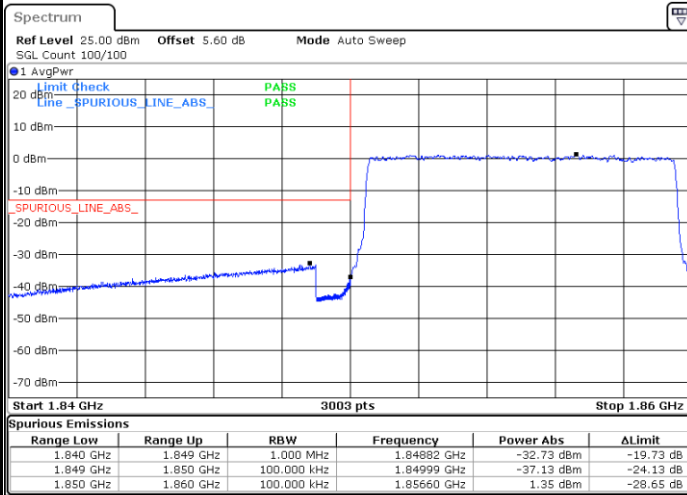
Date: 28.SEP.2024 07:20:43

Highest Band Edge / 1 RB



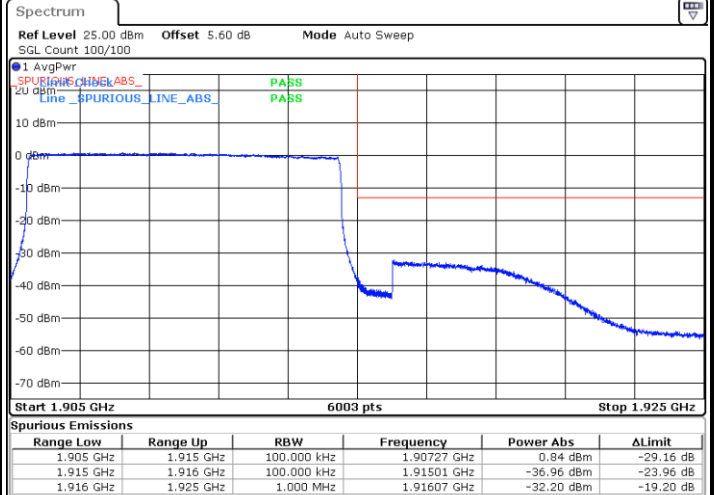
Date: 29.SEP.2024 04:06:46

Lowest Band Edge / Full RB



Date: 28.SEP.2024 07:13:15

Highest Band Edge / Full RB



Date: 29.SEP.2024 03:58:15