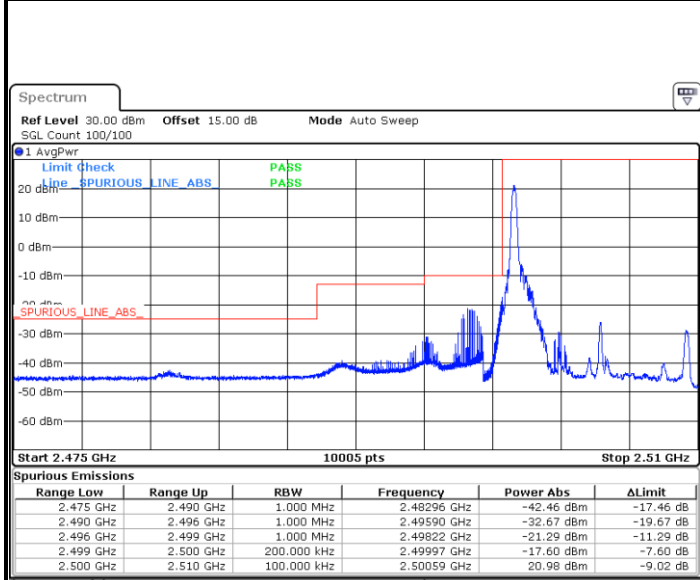




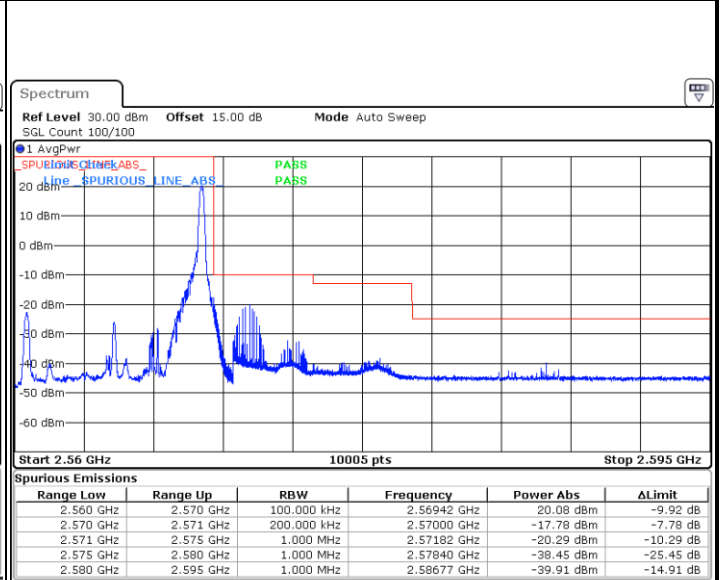
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



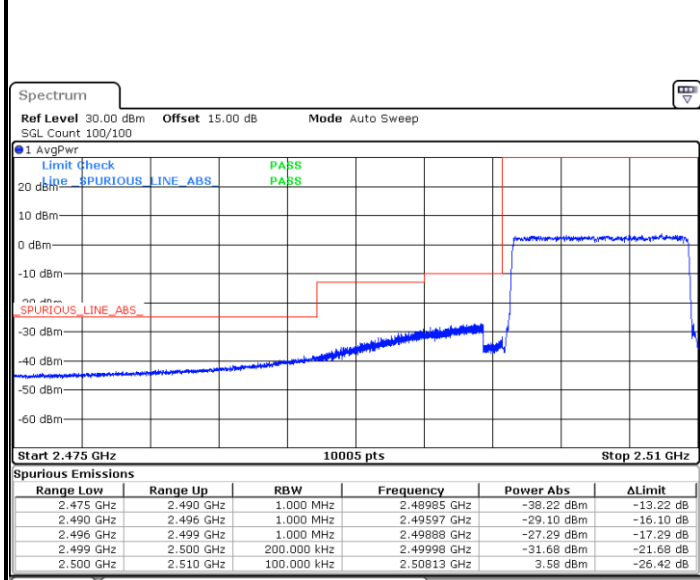
Date: 8 OCT.2021 20:28:12

Highest Band Edge / 1 RB



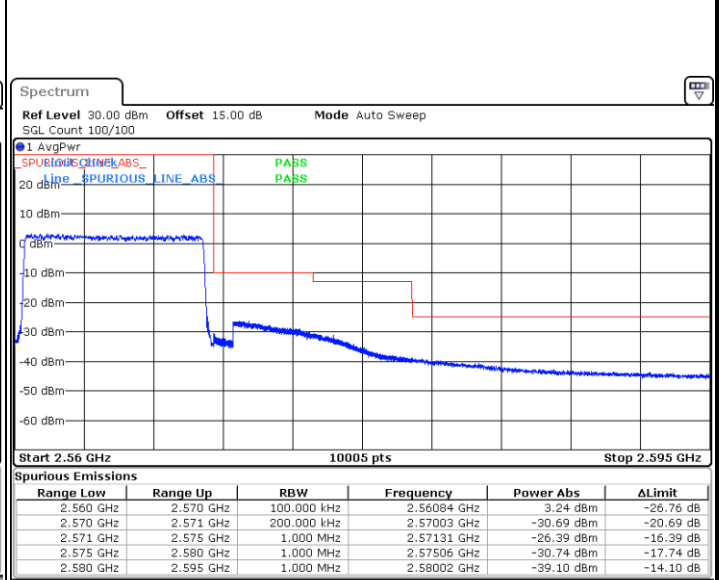
Date: 8 OCT.2021 20:28:40

Lowest Band Edge / Full RB



Date: 8 OCT.2021 18:47:05

Highest Band Edge / Full RB

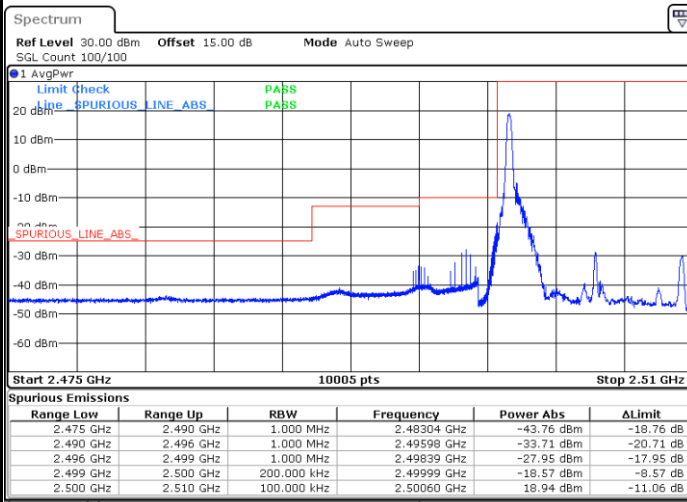


Date: 8 OCT.2021 18:54:26



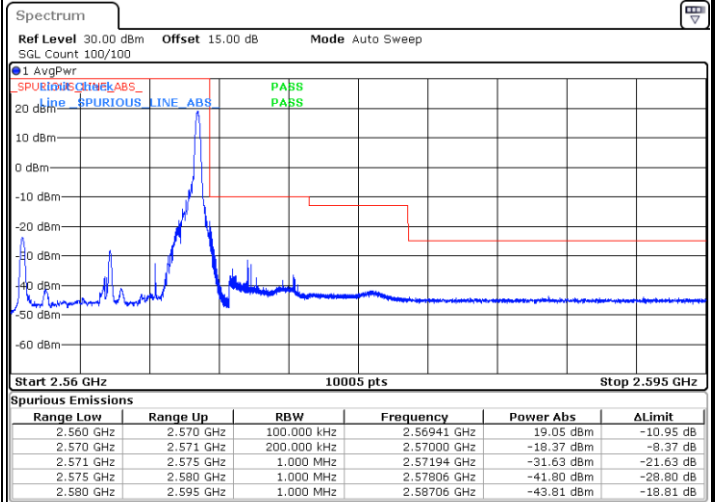
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



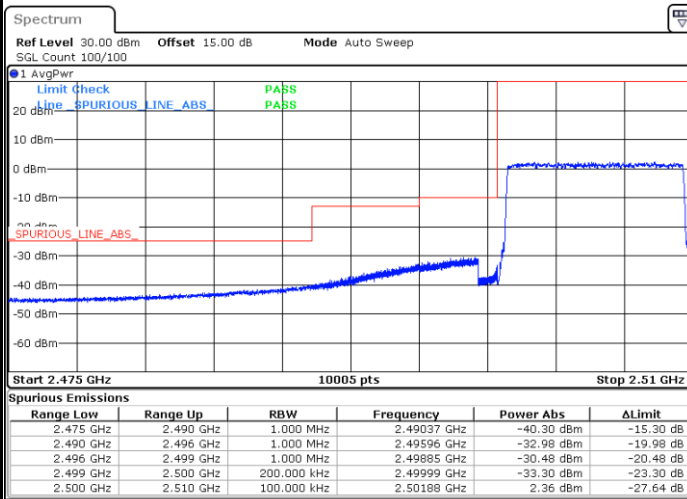
Date: 8 OCT.2021 18:57:00

Highest Band Edge / 1 RB



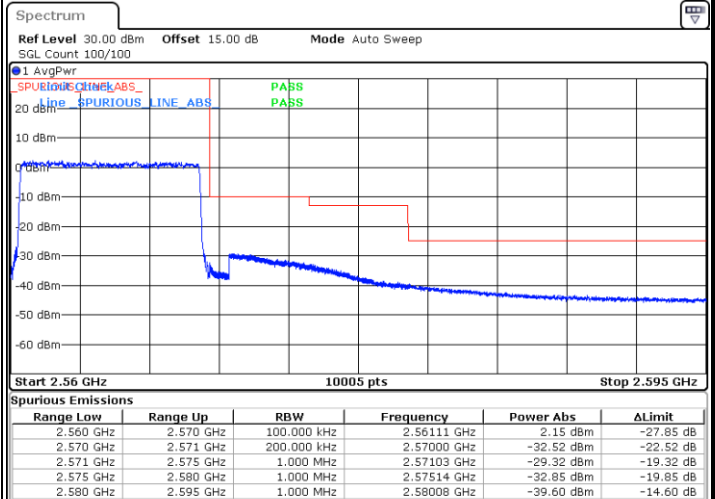
Date: 8 OCT.2021 19:00:40

Lowest Band Edge / Full RB



Date: 8 OCT.2021 18:57:44

Highest Band Edge / Full RB

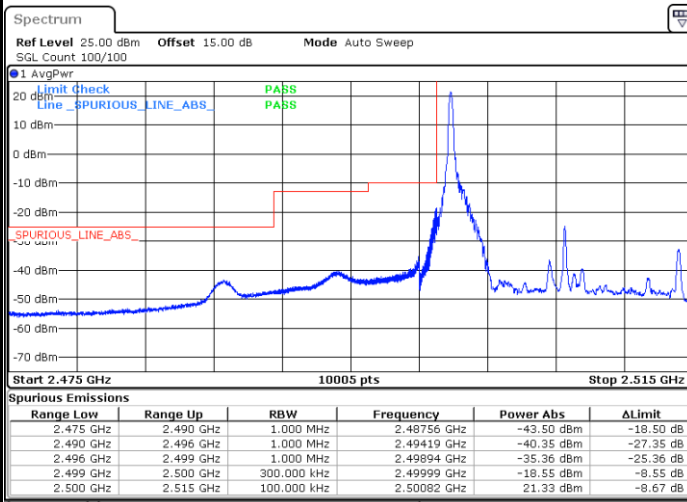


Date: 8 OCT.2021 19:01:25



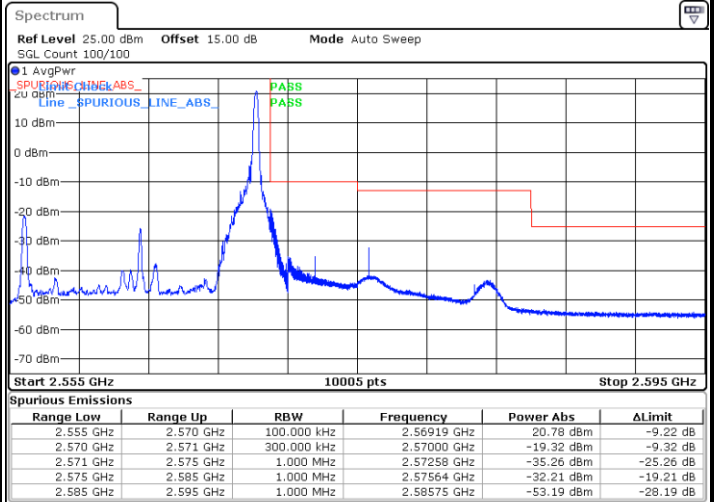
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



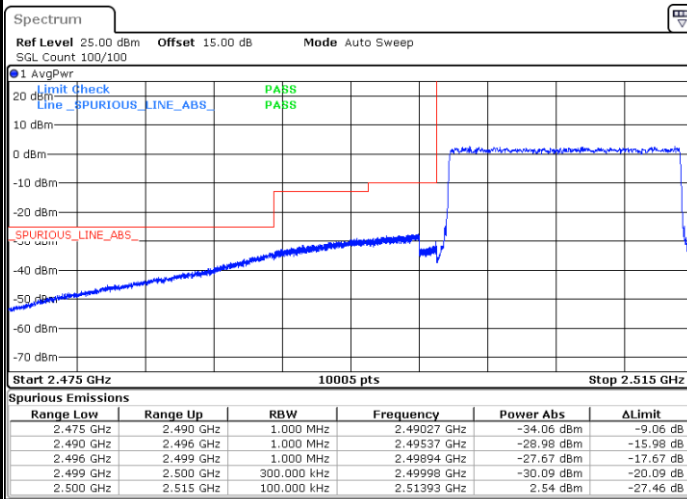
Date: 8.OCT.2021 19:03:37

Highest Band Edge / 1 RB



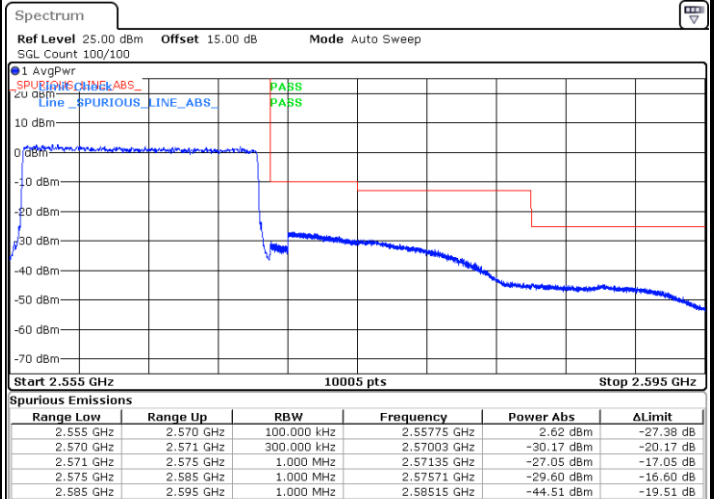
Date: 8.OCT.2021 19:11:00

Lowest Band Edge / Full RB



Date: 8.OCT.2021 19:05:07

Highest Band Edge / Full RB

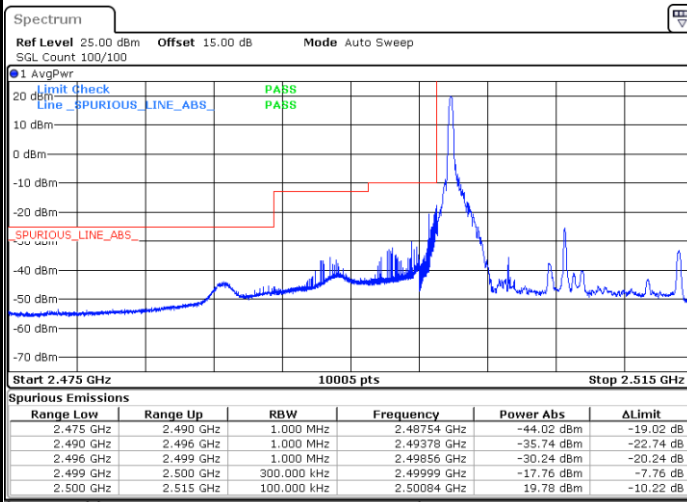


Date: 8.OCT.2021 19:12:29



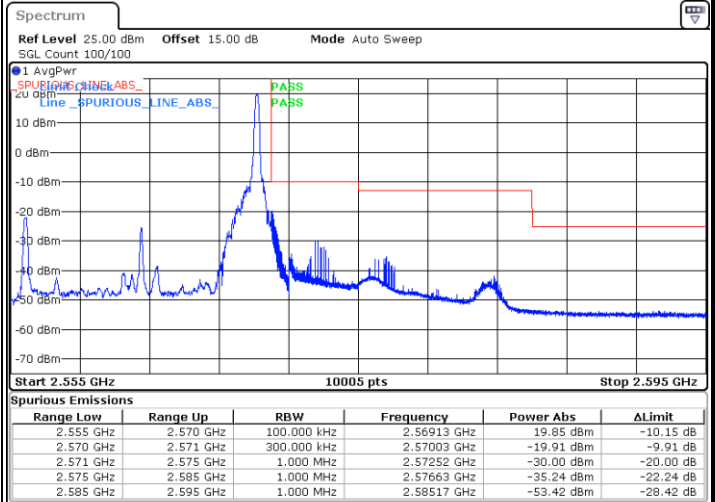
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



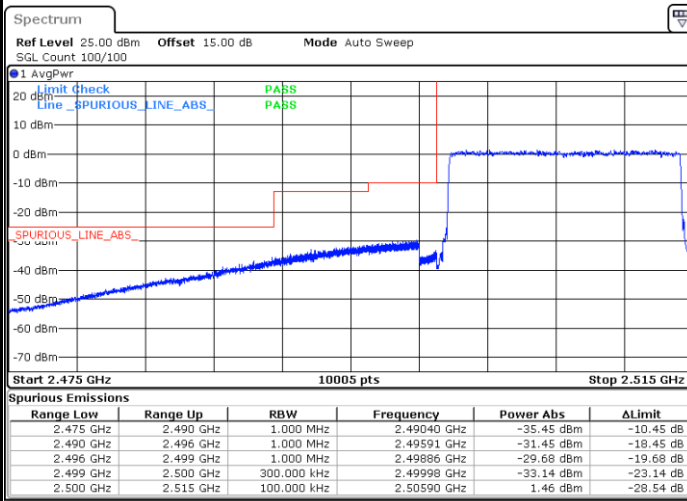
Date: 8.OCT.2021 19:04:22

Highest Band Edge / 1 RB



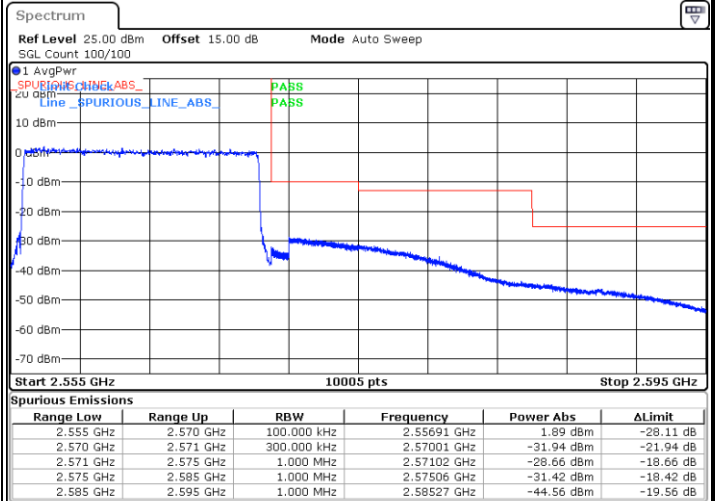
Date: 8.OCT.2021 19:11:44

Lowest Band Edge / Full RB



Date: 8.OCT.2021 19:05:52

Highest Band Edge / Full RB

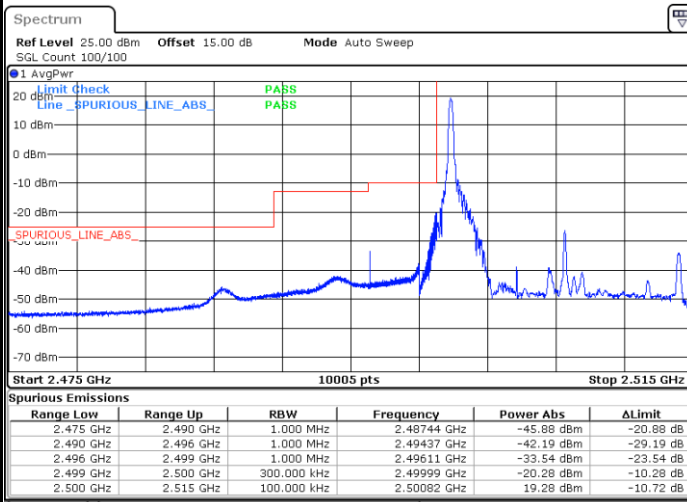


Date: 8.OCT.2021 19:13:13



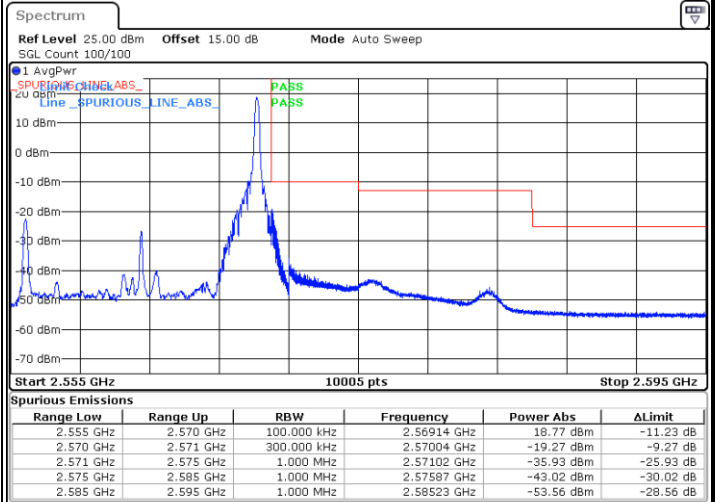
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



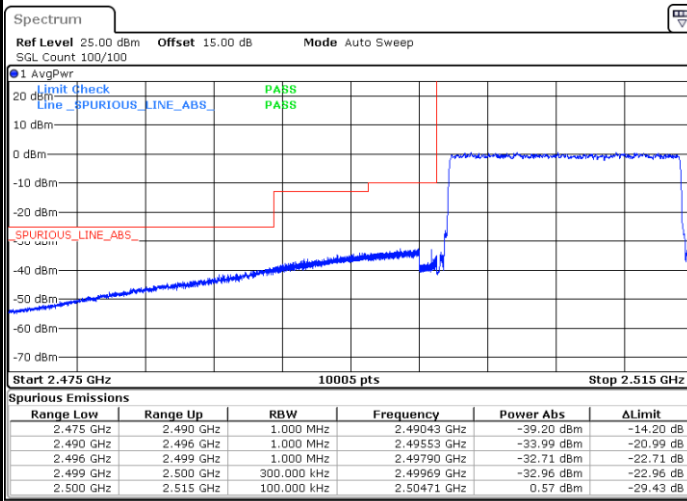
Date: 8.OCT.2021 19:15:47

Highest Band Edge / 1 RB



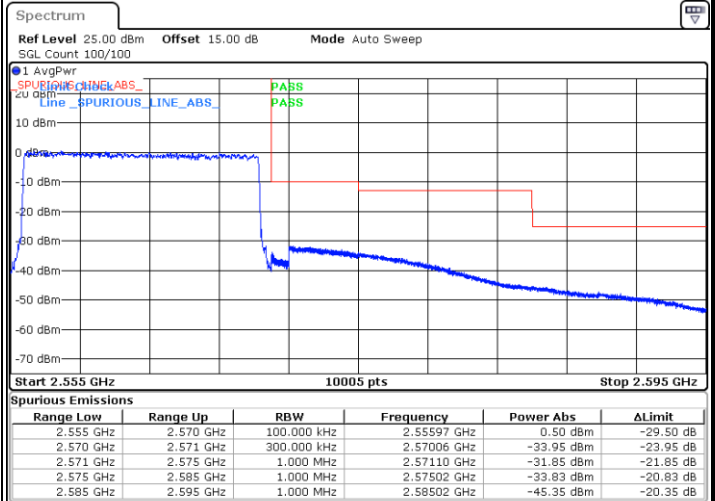
Date: 8.OCT.2021 19:19:29

Lowest Band Edge / Full RB



Date: 8.OCT.2021 19:16:32

Highest Band Edge / Full RB

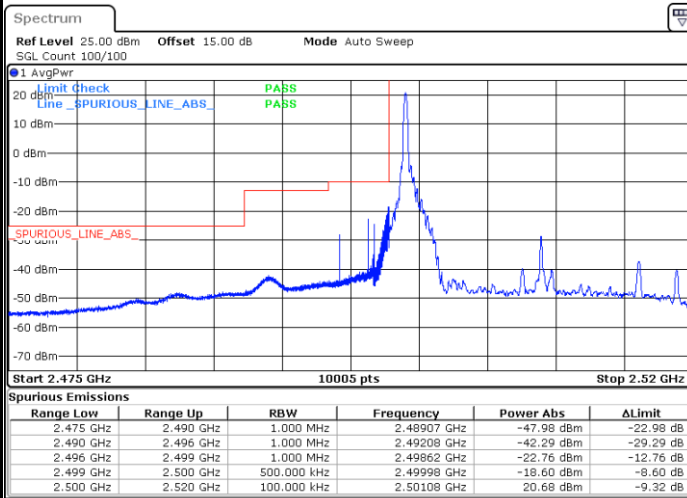


Date: 8.OCT.2021 19:20:13



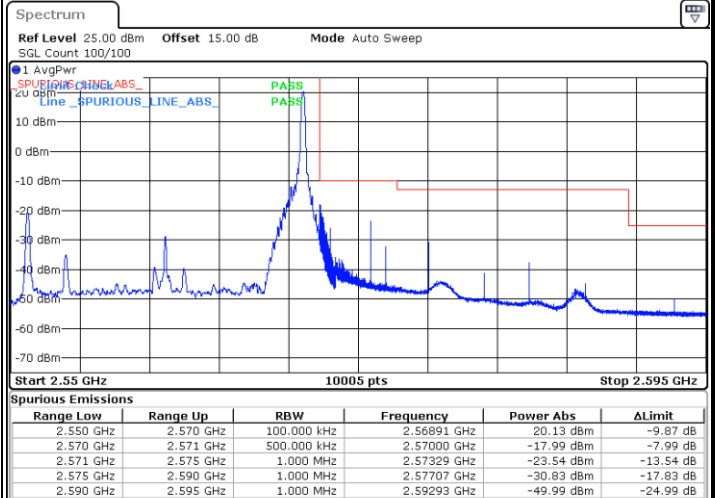
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



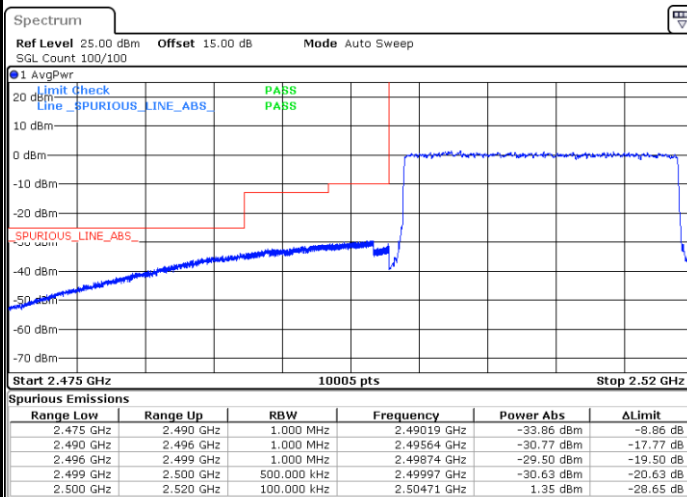
Date: 8.OCT.2021 19:22:27

Highest Band Edge / 1 RB



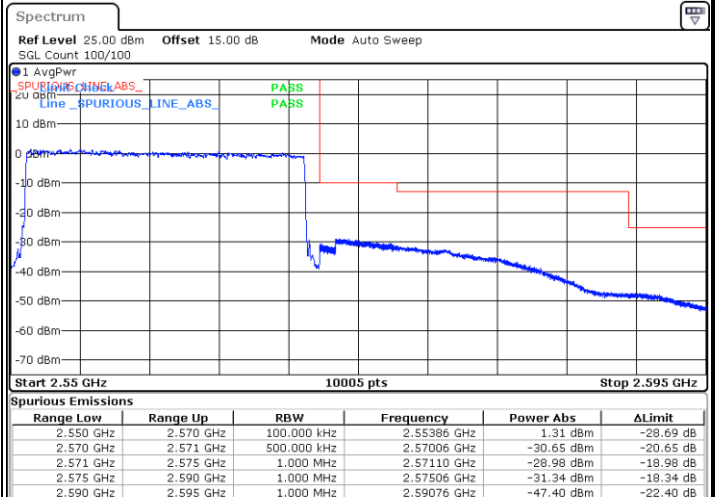
Date: 8.OCT.2021 19:29:51

Lowest Band Edge / Full RB



Date: 8.OCT.2021 19:23:56

Highest Band Edge / Full RB

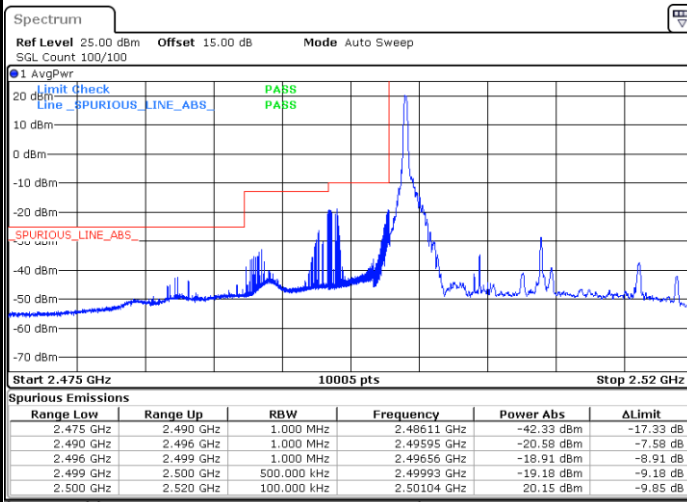


Date: 8.OCT.2021 19:32:04



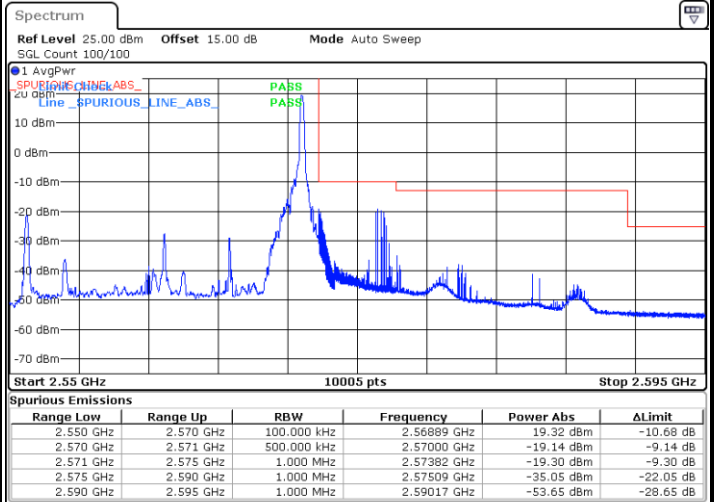
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



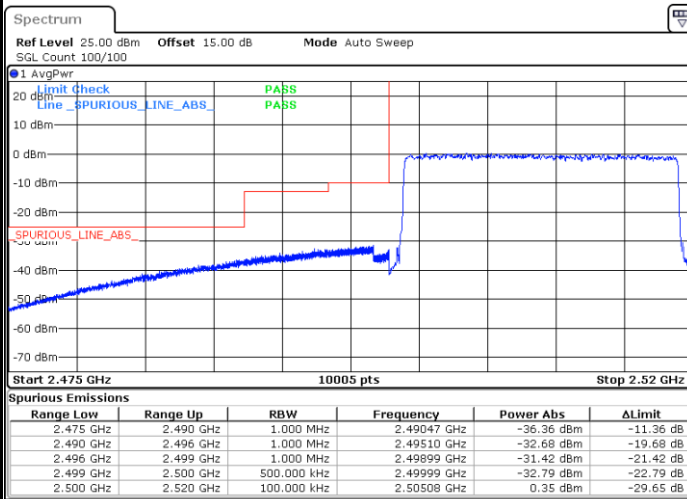
Date: 8.OCT.2021 19:23:11

Highest Band Edge / 1RB



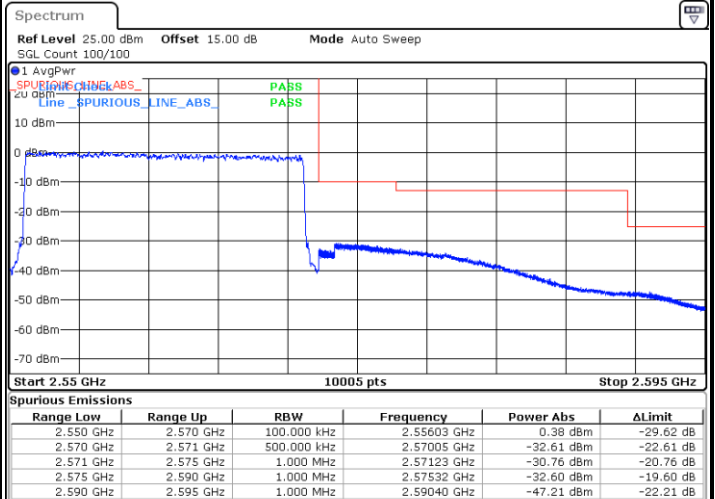
Date: 8.OCT.2021 19:30:35

Lowest Band Edge / Full RB



Date: 8.OCT.2021 19:24:41

Highest Band Edge / Full RB

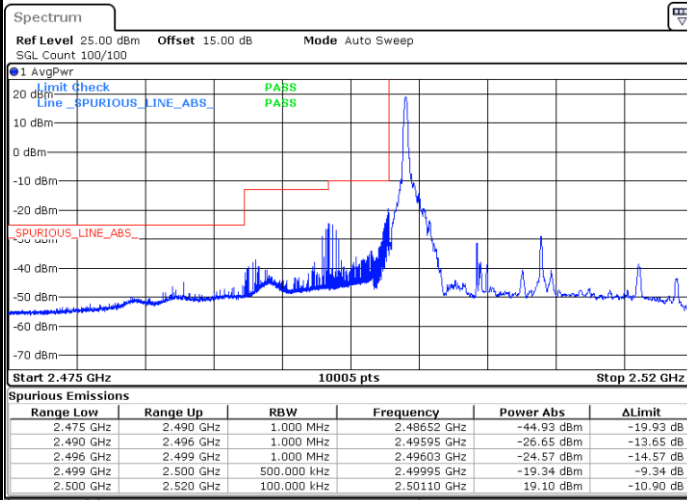


Date: 8.OCT.2021 19:31:20



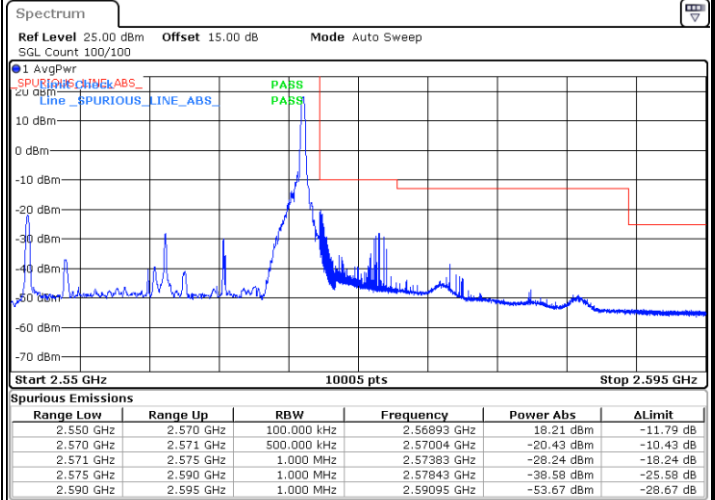
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



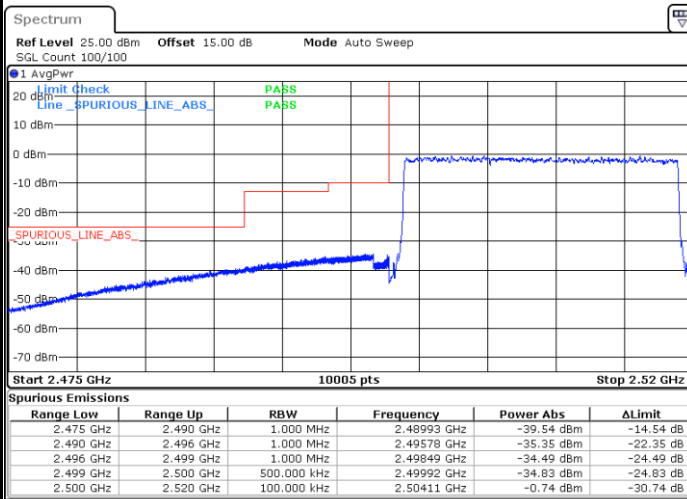
Date: 8 OCT.2021 19:34:39

Highest Band Edge / 1 RB



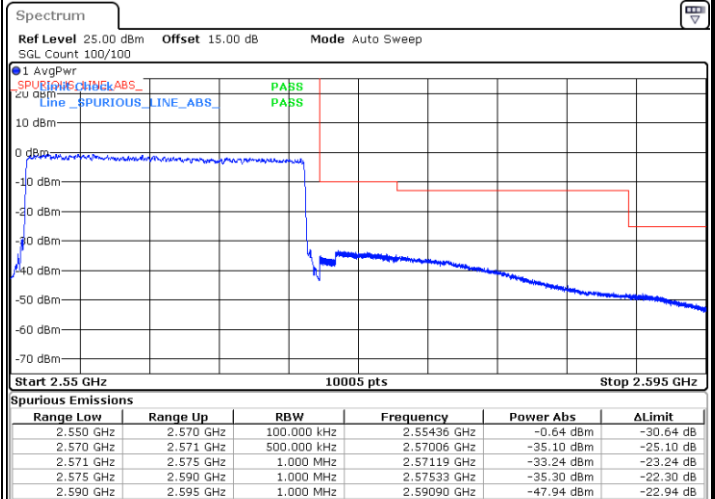
Date: 8 OCT.2021 19:38:19

Lowest Band Edge / Full RB



Date: 8 OCT.2021 19:35:23

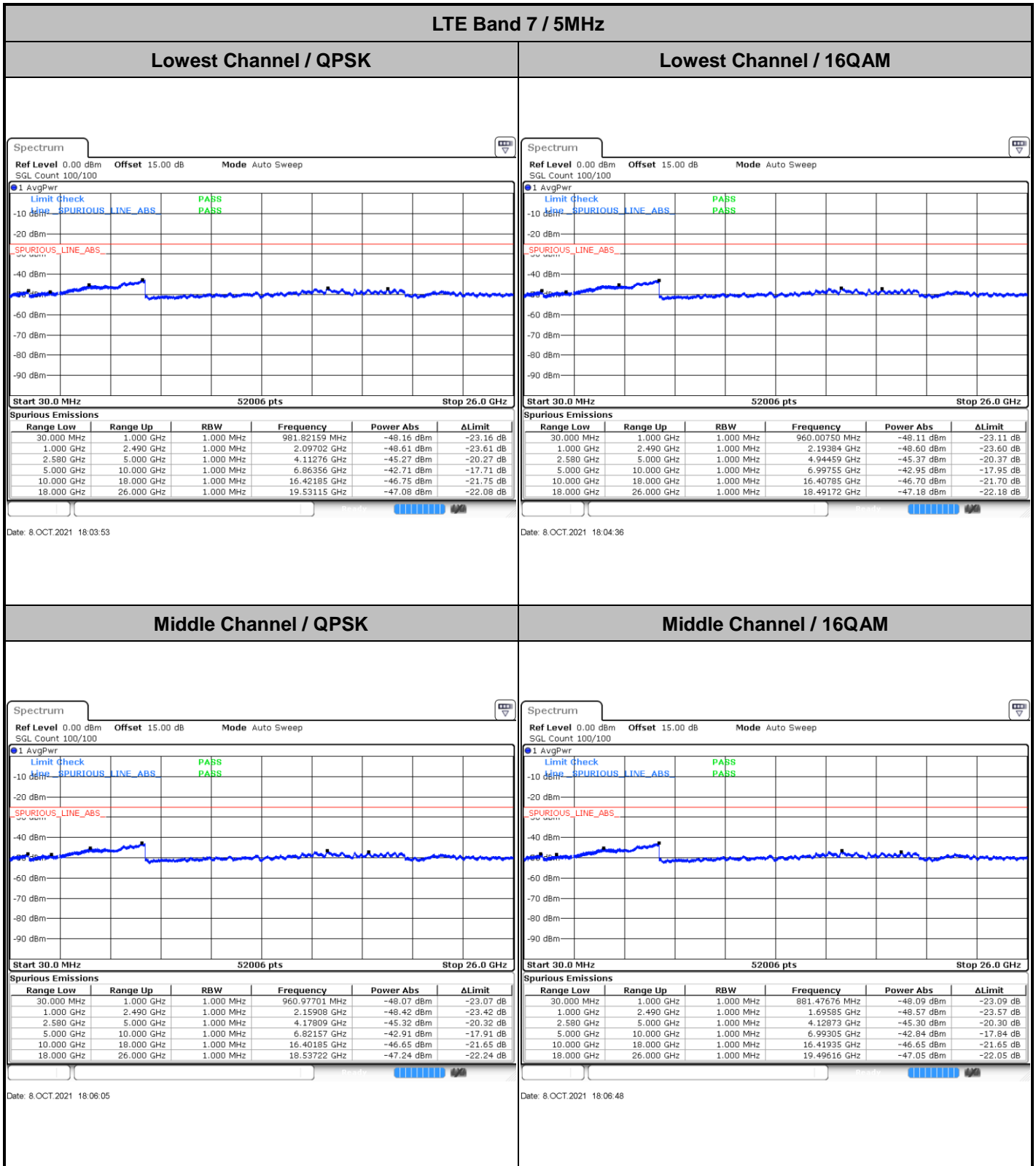
Highest Band Edge / Full RB



Date: 8 OCT.2021 19:39:04



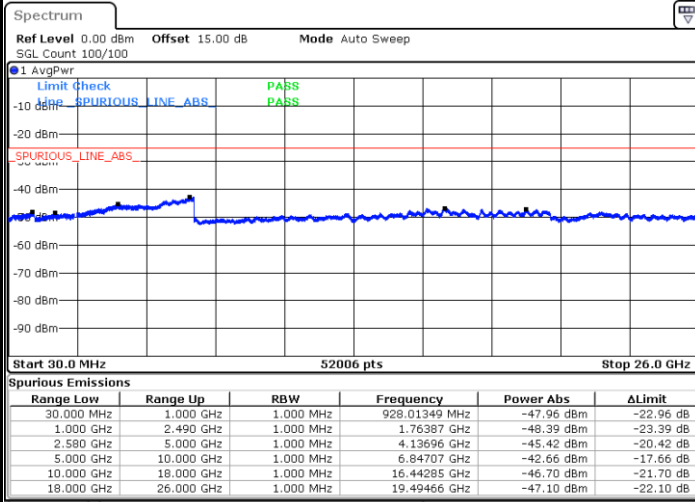
Conducted Spurious Emission





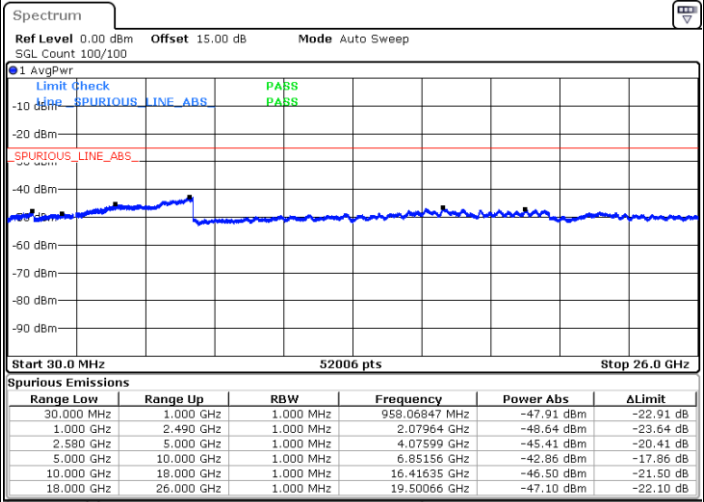
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 8.OCT.2021 18:36:24

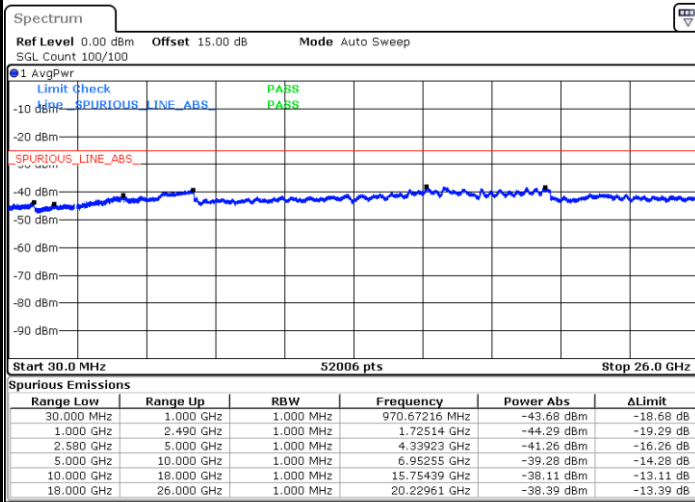
Highest Channel / 16QAM



Date: 8.OCT.2021 18:37:08

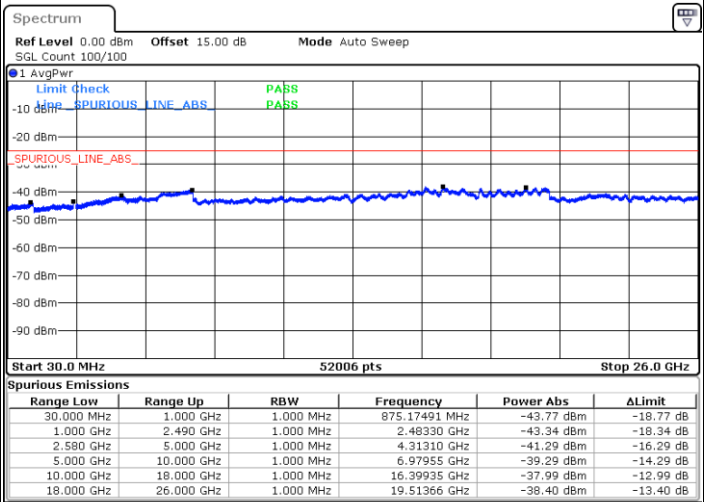
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 8.OCT.2021 18:47:49

Lowest Channel / 16QAM



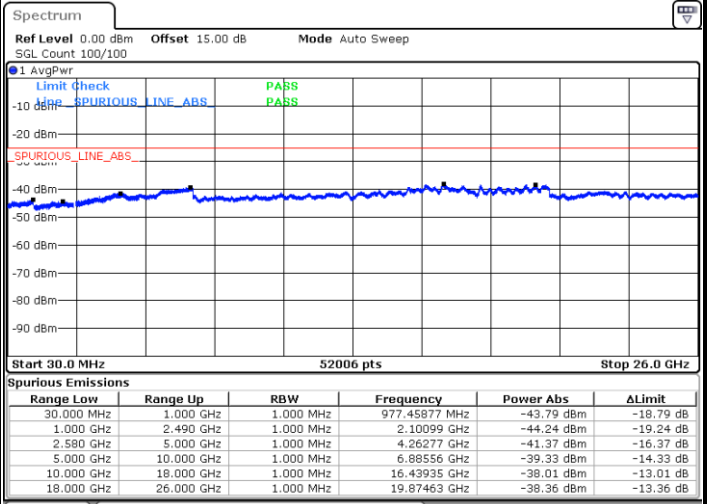
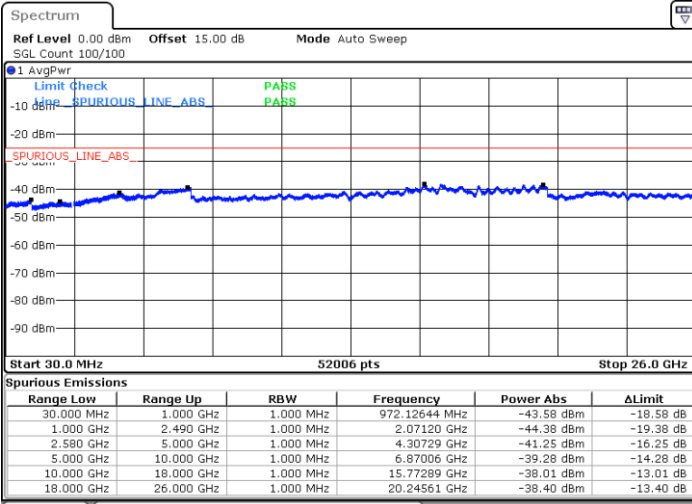
Date: 8.OCT.2021 18:48:33



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

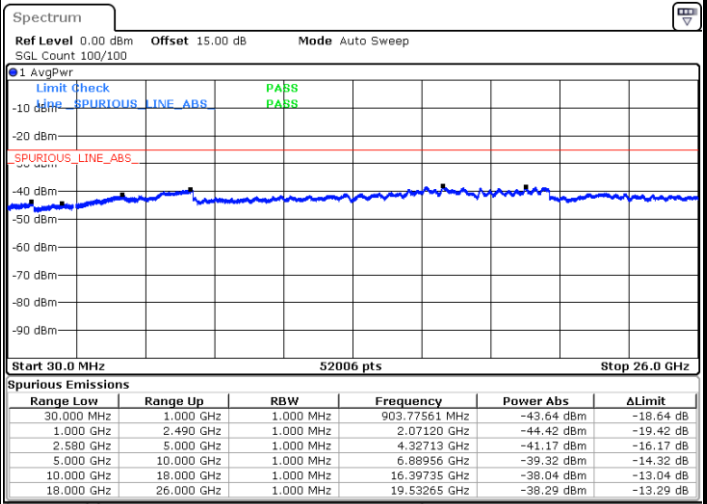
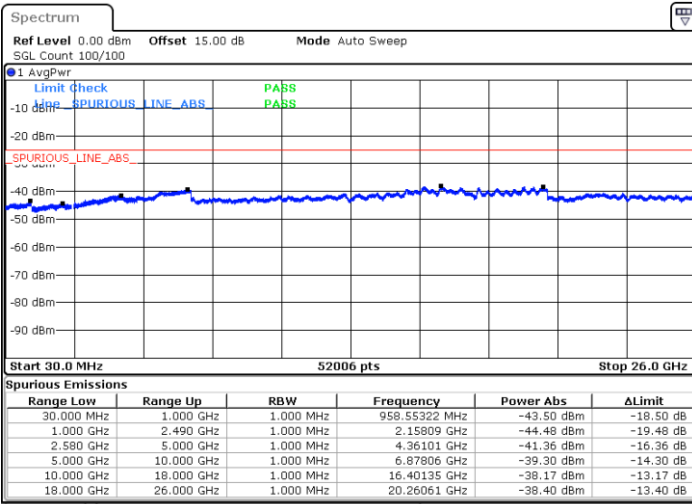


Date: 8.OCT.2021 18:50:01

Date: 8.OCT.2021 18:50:44

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.OCT.2021 18:55:10

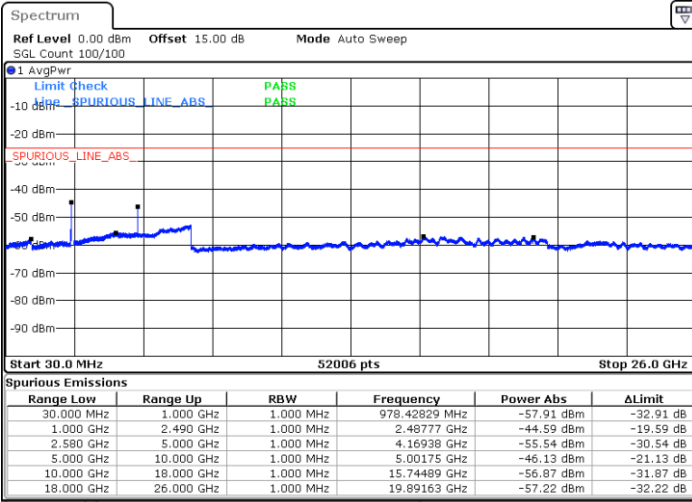
Date: 8.OCT.2021 18:55:53



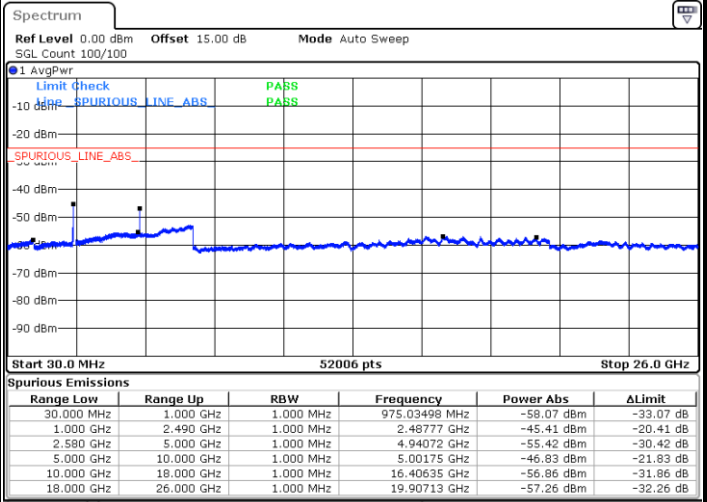
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



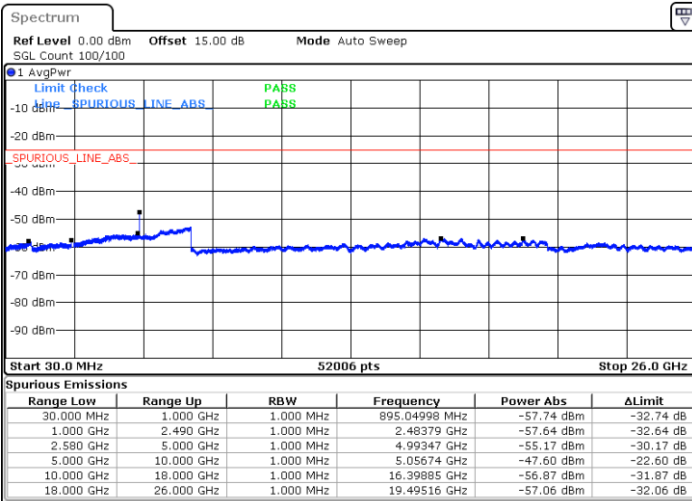
Date: 8.OCT.2021 19:06:36



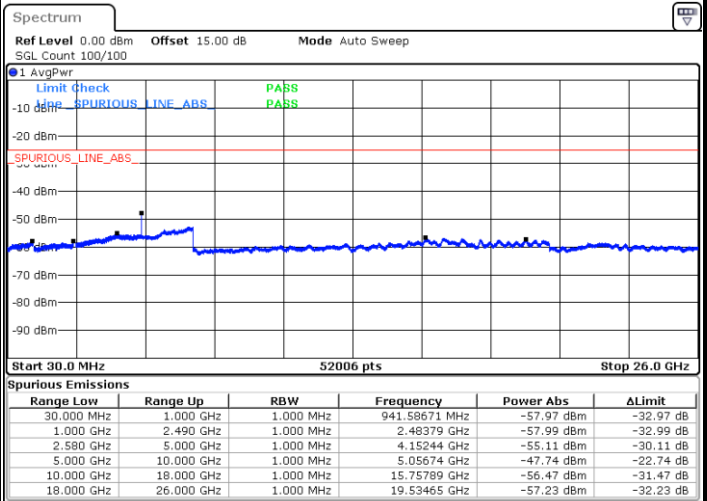
Date: 8.OCT.2021 19:07:20

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8.OCT.2021 19:08:48

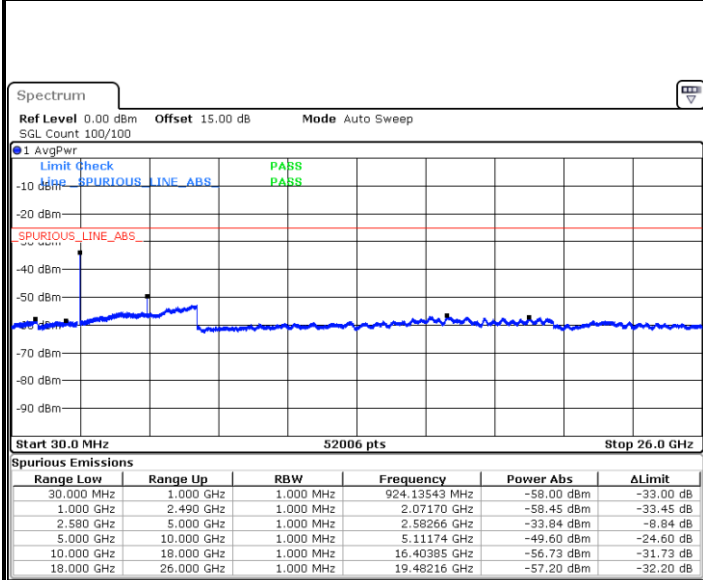


Date: 8.OCT.2021 19:09:31



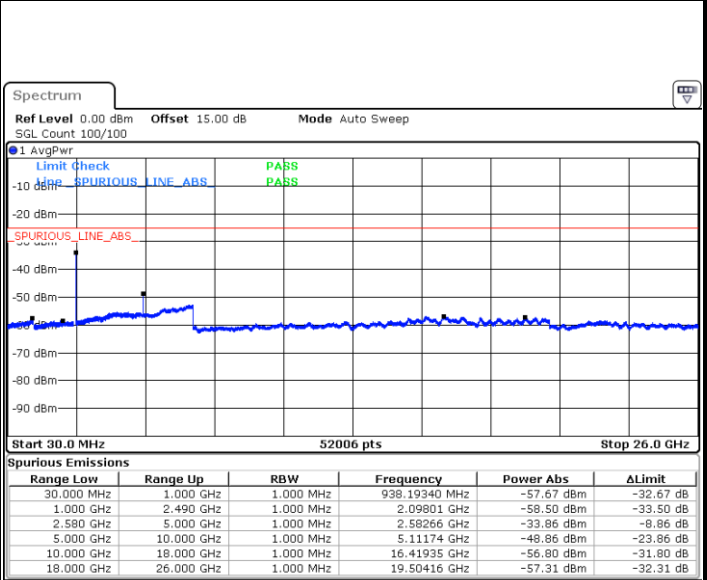
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 8.OCT.2021 19:13:57

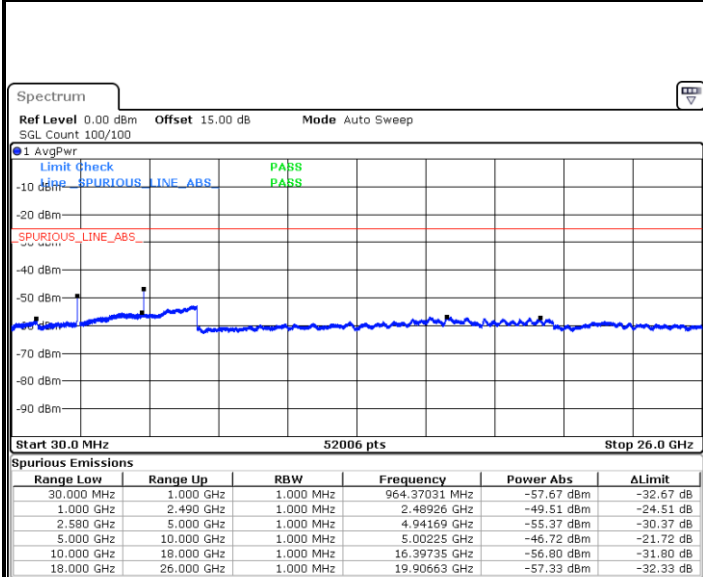
Highest Channel / 16QAM



Date: 8.OCT.2021 20:31:34

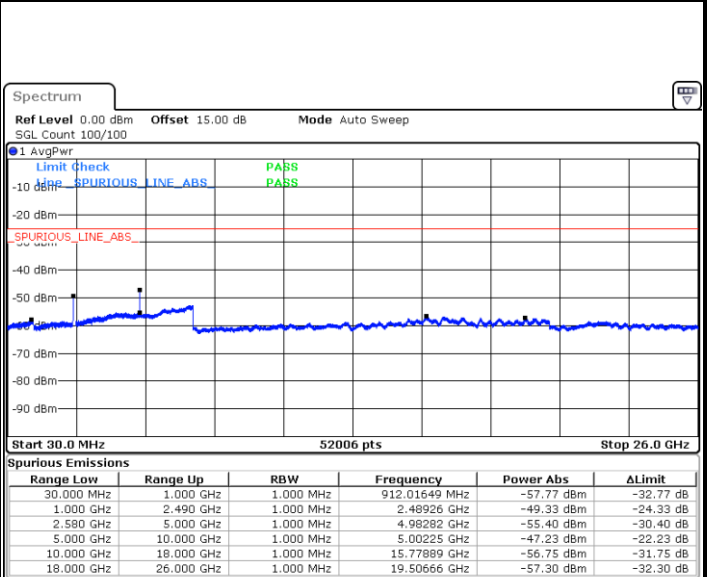
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 8.OCT.2021 19:25:25

Lowest Channel / 16QAM



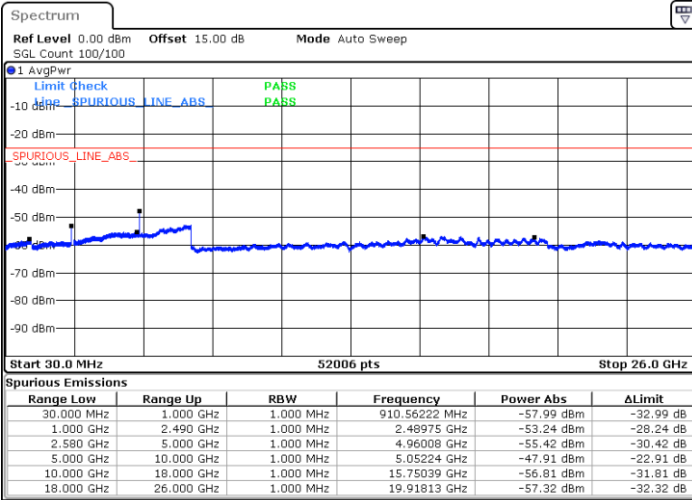
Date: 8.OCT.2021 19:26:10



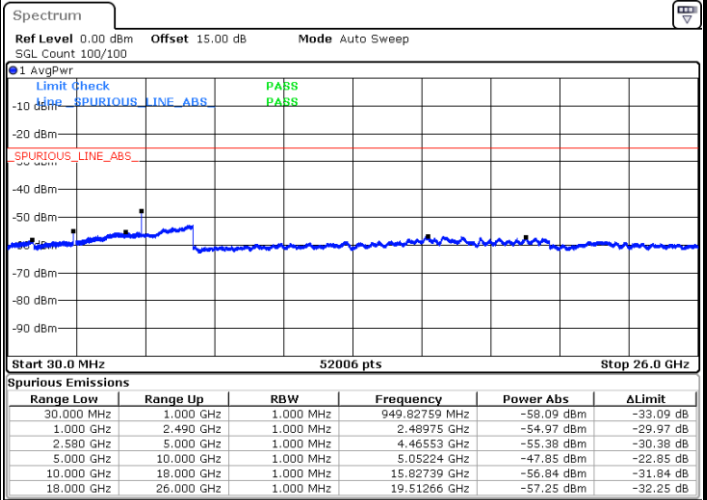
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



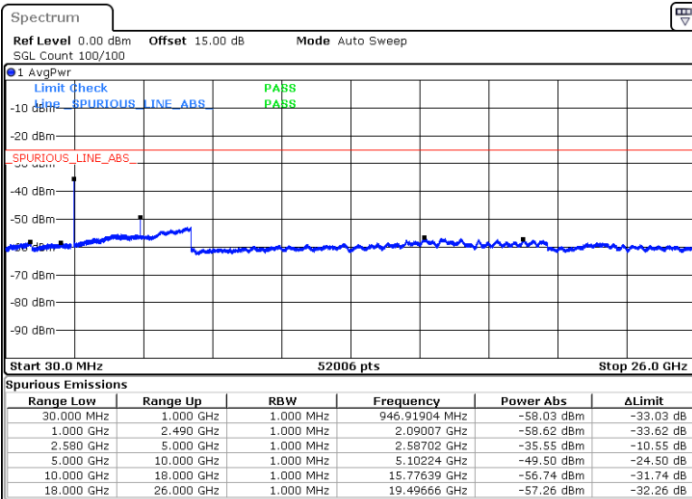
Date: 8.OCT.2021 19:27:39



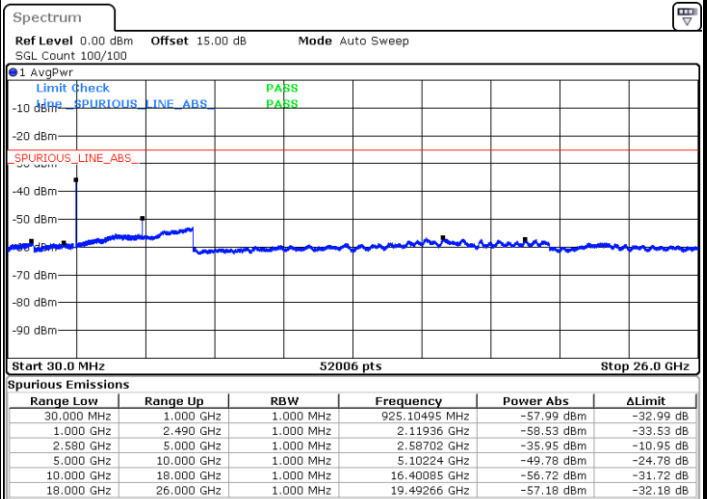
Date: 8.OCT.2021 19:28:22

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.OCT.2021 19:32:48



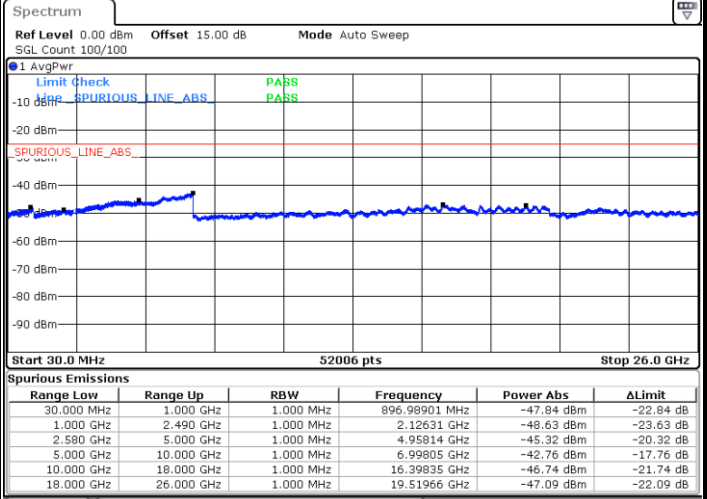
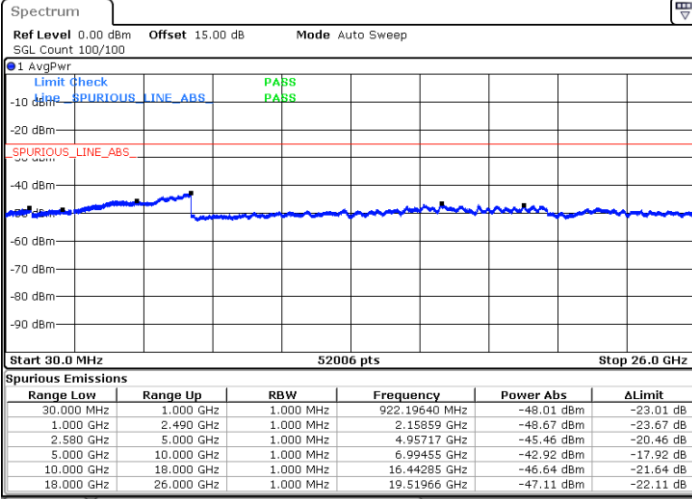
Date: 8.OCT.2021 19:33:32



LTE Band 7 / 5MHz

Lowest Channel / 64QAM

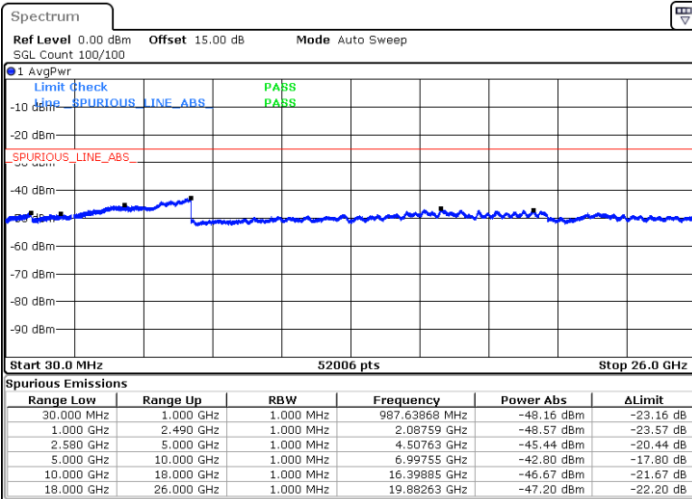
Middle Channel / 64QAM



Date: 8.OCT.2021 18:39:43

Date: 8.OCT.2021 18:40:49

Highest Channel / 64QAM

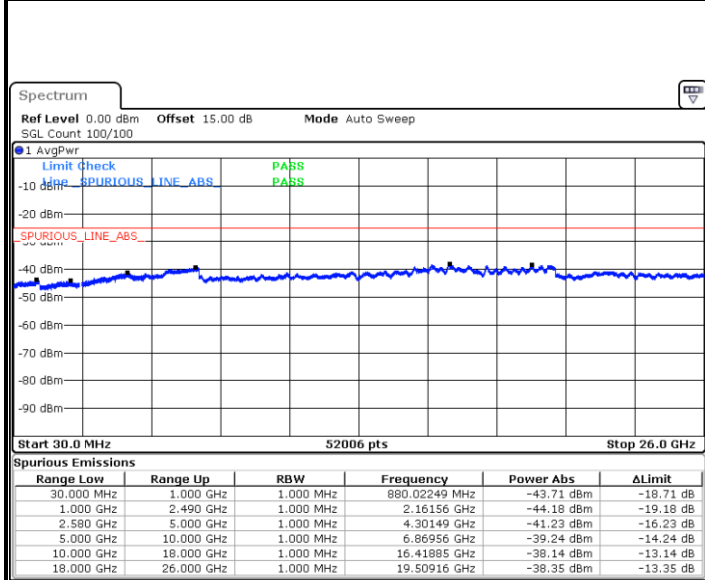


Date: 8.OCT.2021 18:43:23



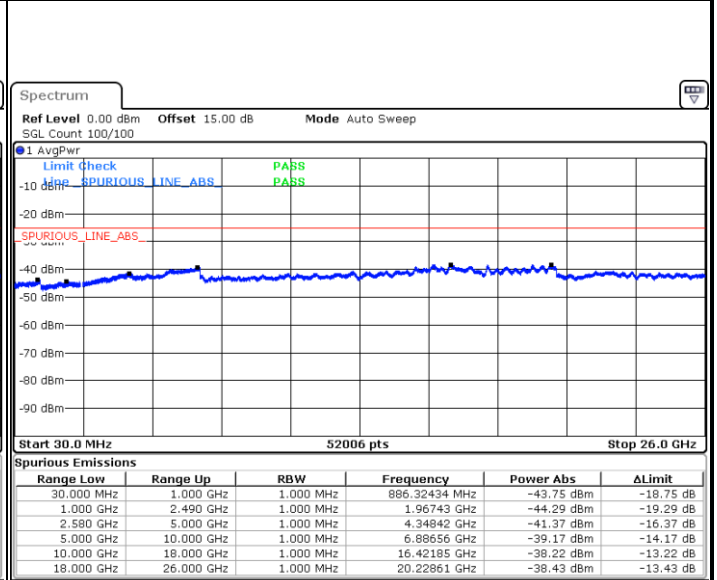
LTE Band 7 / 10MHz

Lowest Channel / 64QAM



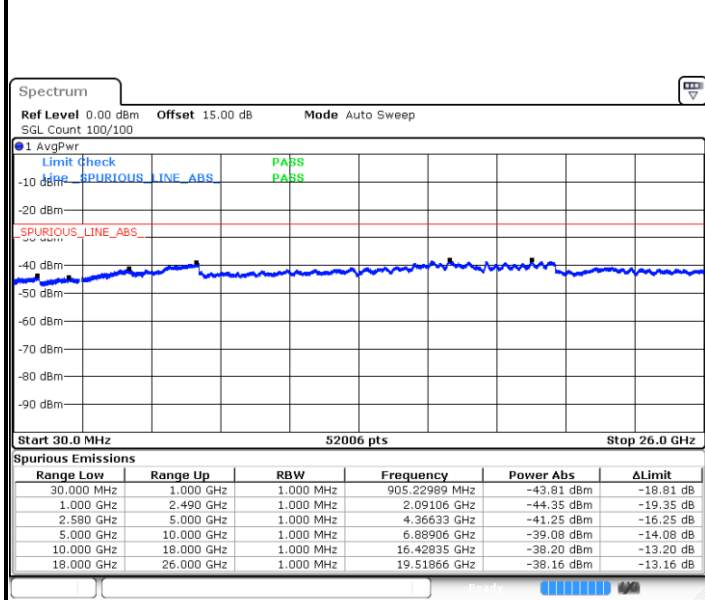
Date: 8.OCT.2021 18:58:28

Middle Channel / 64QAM

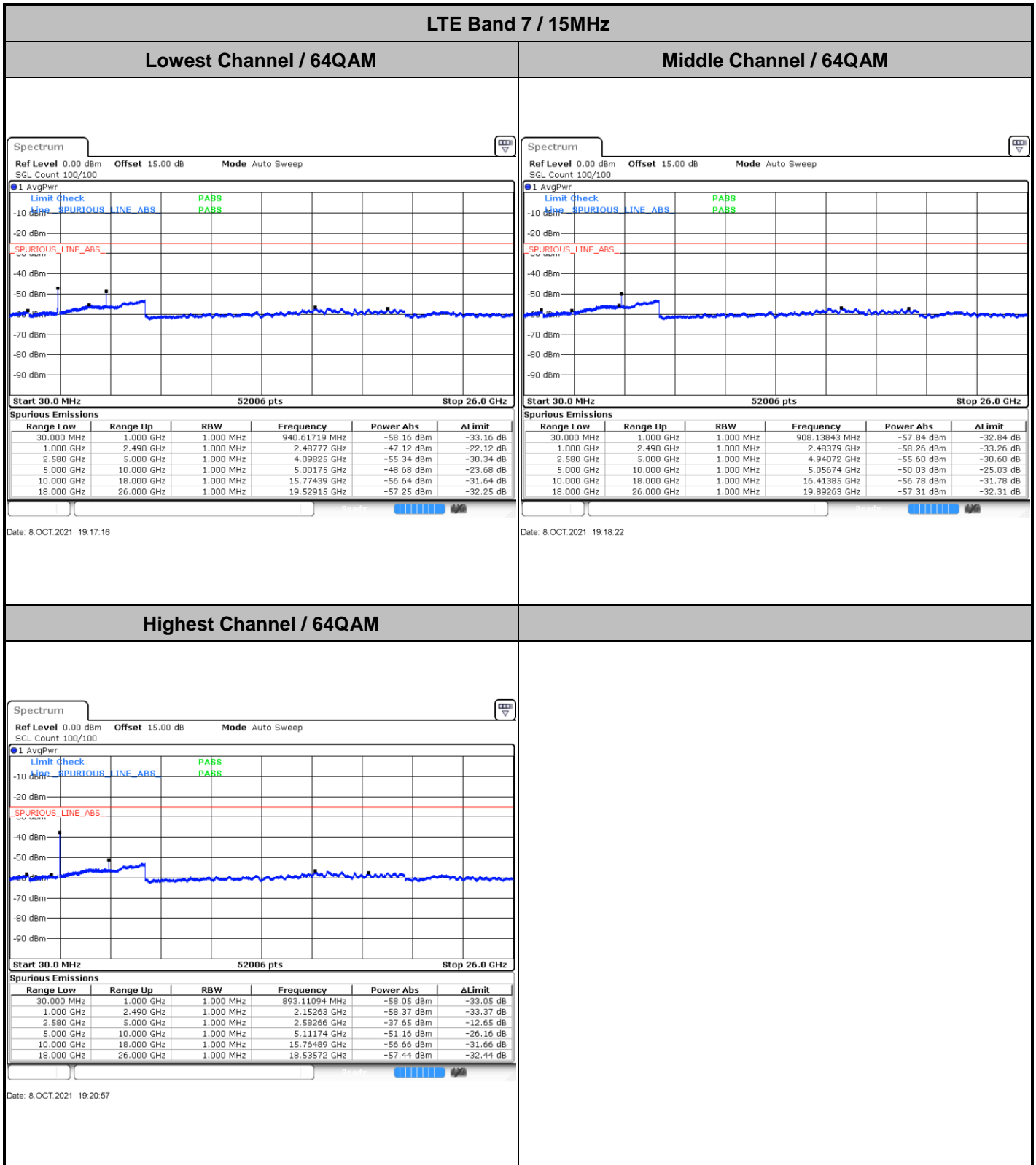


Date: 8.OCT.2021 18:59:34

Highest Channel / 64QAM



Date: 8.OCT.2021 19:02:08

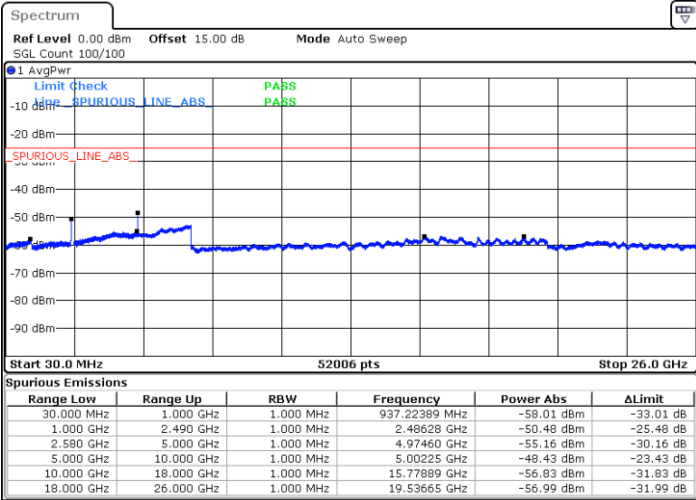




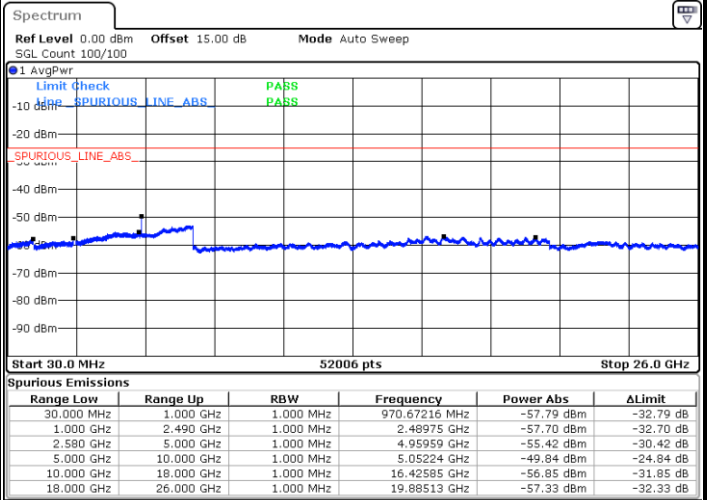
LTE Band 7 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

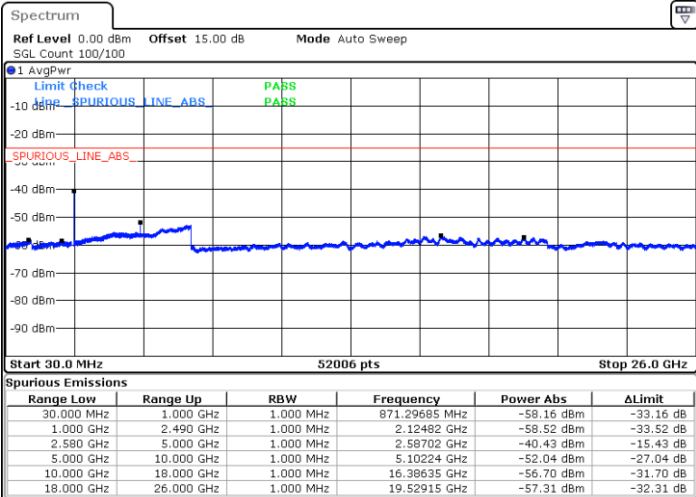


Date: 8.OCT.2021 19:36:07



Date: 8.OCT.2021 19:37:13

Highest Channel / 64QAM



Date: 8.OCT.2021 19:39:48



Frequency Stability

| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0009 | PASS |
| 40 | Normal Voltage | 0.0004 | |
| 30 | Normal Voltage | 0.0009 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0007 | |
| 0 | Normal Voltage | 0.0013 | |
| -10 | Normal Voltage | 0.0009 | |
| -20 | Normal Voltage | 0.0001 | |
| -30 | Normal Voltage | 0.0007 | |
| 20 | Maximum Voltage | 0.0007 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0009 | |

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.43 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

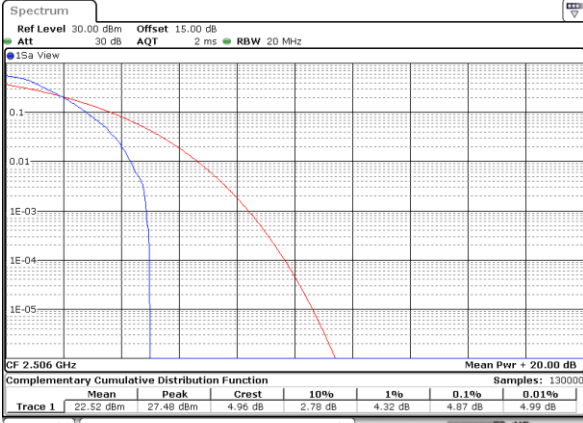
Peak-to-Average Ratio

| Mode | LTE Band 41 / 20MHz | | | | |
|------------|---------------------|---------|-------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 4.87 | 5.91 | 5.19 | 6.14 | PASS |
| Middle CH | 5.33 | 5.59 | 6.90 | 7.01 | |
| Highest CH | 5.59 | 6.35 | 6.35 | 7.74 | |
| Mode | LTE Band 41 / 20MHz | | | | |
| Mod. | 64QAM | | | | Limit: 13dB |
| RB Size | 1RB | Full RB | | | Result |
| Lowest CH | 5.97 | 6.58 | - | - | PASS |
| Middle CH | 6.14 | 6.61 | - | - | |
| Highest CH | 6.64 | 7.28 | - | - | |



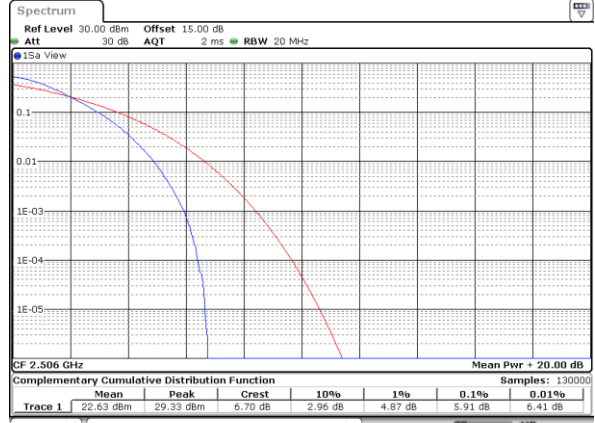
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



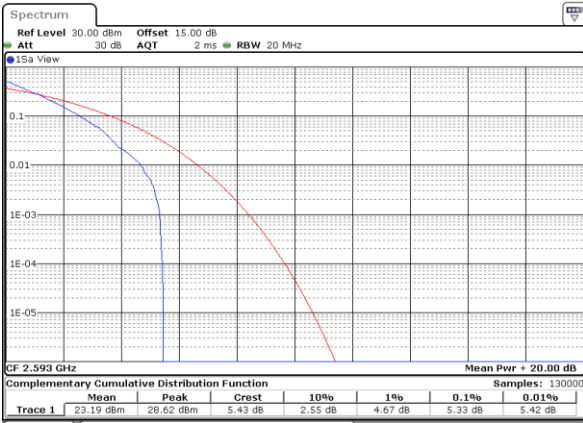
Date: 19_OCT.2021 16:08:33

Lowest Channel / Full RB



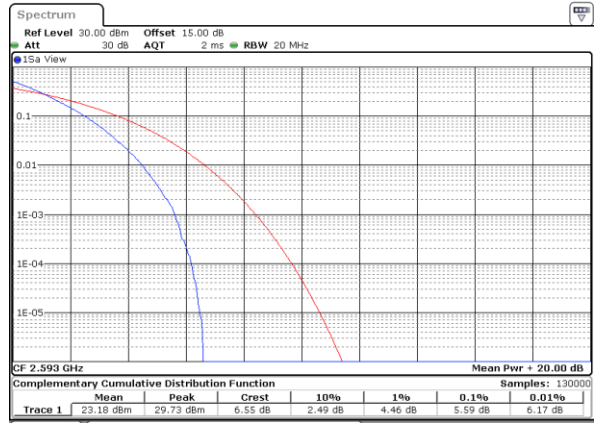
Date: 19_OCT.2021 16:13:58

Middle Channel / 1RB



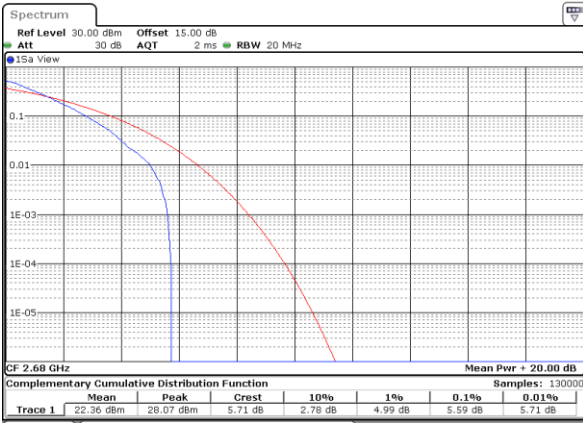
Date: 19_OCT.2021 16:22:47

Middle Channel / Full RB



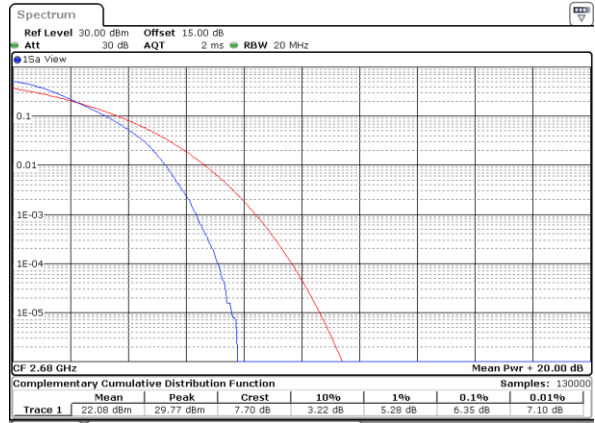
Date: 19_OCT.2021 16:15:00

Highest Channel / 1RB



Date: 19_OCT.2021 16:23:39

Highest Channel / Full RB

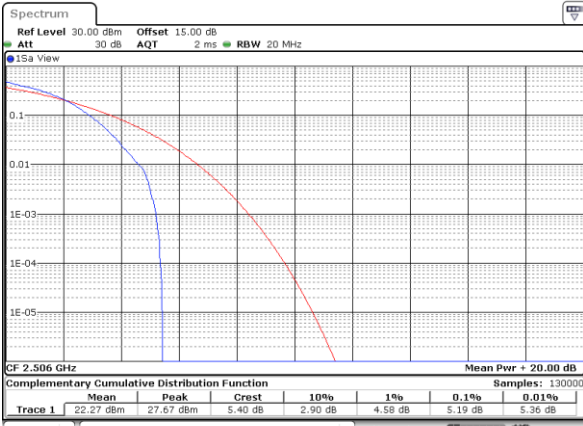


Date: 19_OCT.2021 16:27:57



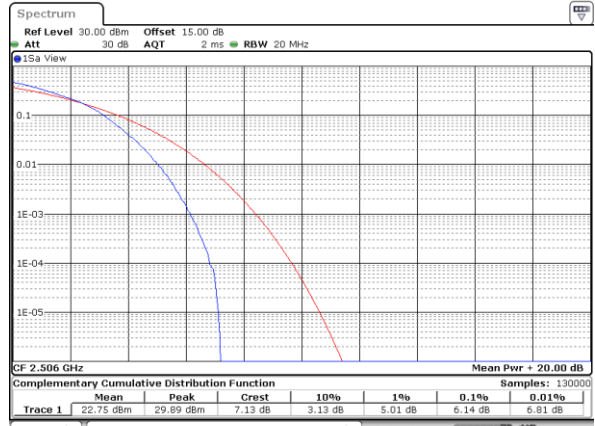
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



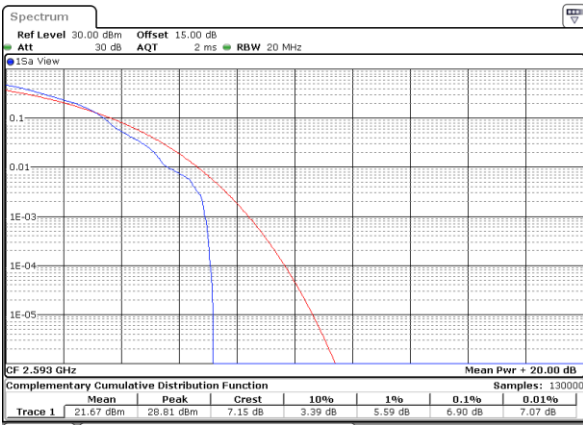
Date: 19.OCT.2021 16:09:27

Lowest Channel / Full RB



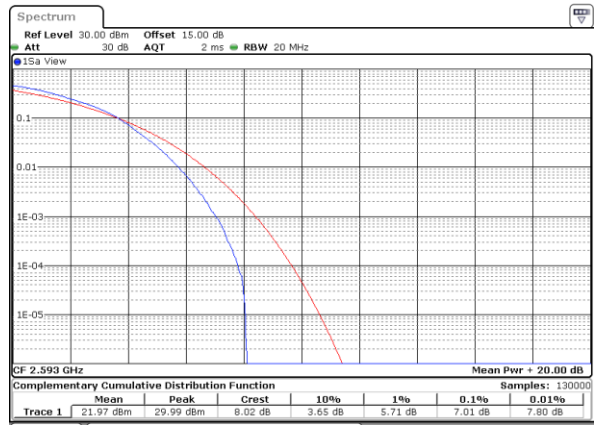
Date: 19.OCT.2021 16:13:09

Middle Channel / 1RB



Date: 19.OCT.2021 16:21:55

Middle Channel / Full RB



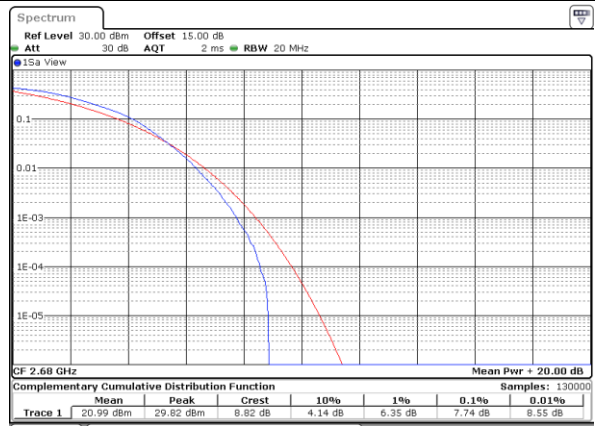
Date: 19.OCT.2021 16:16:56

Highest Channel / 1RB



Date: 19.OCT.2021 16:25:41

Highest Channel / Full RB

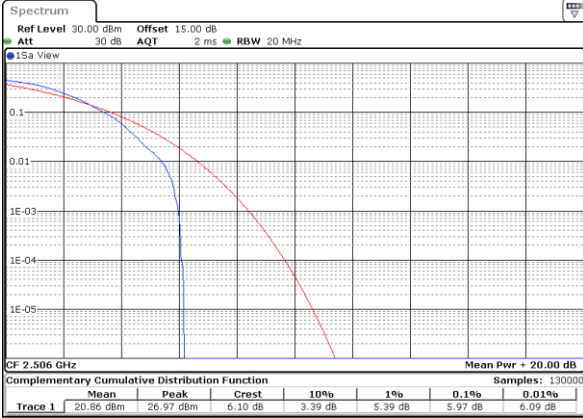


Date: 19.OCT.2021 16:27:15



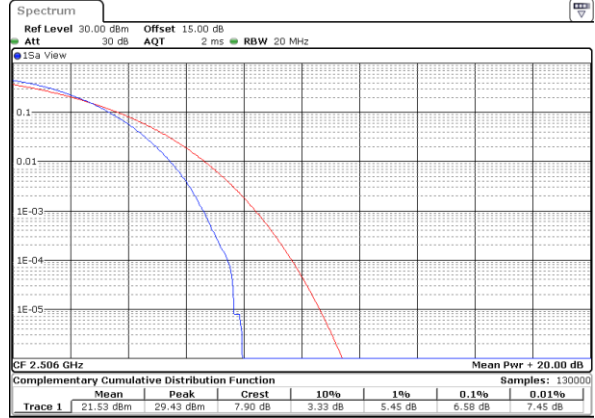
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



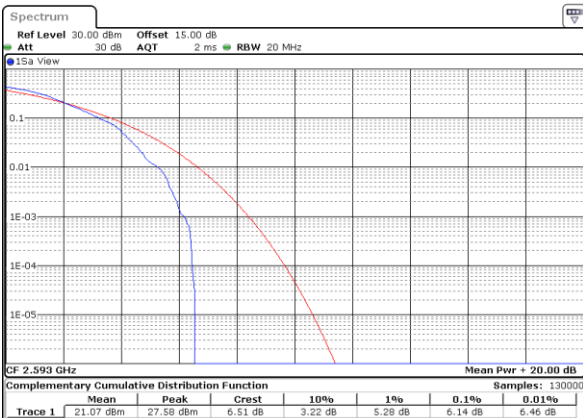
Date: 19_OCT.2021 16:10:51

Lowest Channel / Full RB



Date: 19_OCT.2021 16:11:07

Middle Channel / 1RB



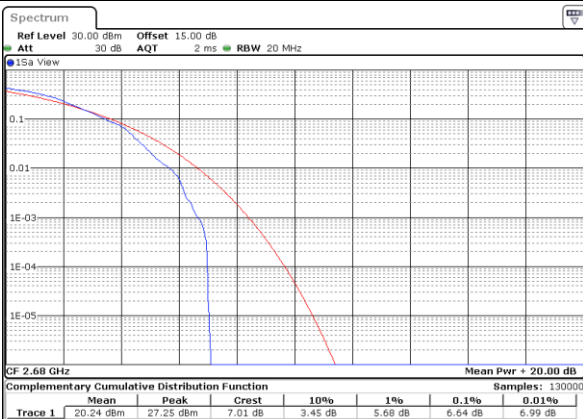
Date: 19_OCT.2021 16:20:02

Middle Channel / Full RB



Date: 19_OCT.2021 16:18:06

Highest Channel / 1RB



Date: 19_OCT.2021 16:26:11

Highest Channel / Full RB



Date: 19_OCT.2021 16:26:46



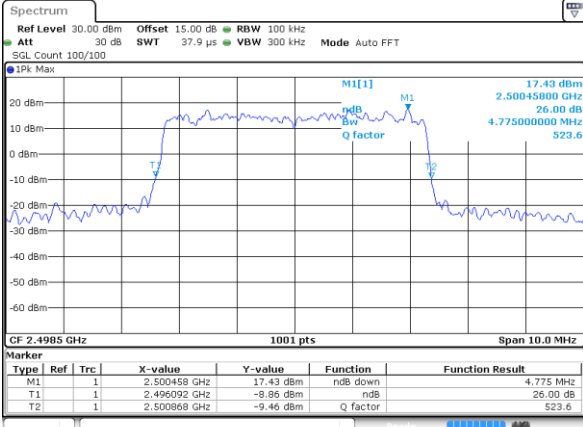
26dB Bandwidth

| Mode | LTE Band 41 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.78 | 4.78 | 9.79 | 9.81 | 14.27 | 14.30 | 18.74 | 18.86 |
| Middle CH | - | - | - | - | 4.79 | 4.85 | 9.73 | 9.67 | 14.36 | 14.24 | 18.70 | 18.82 |
| Highest CH | - | - | - | - | 4.81 | 4.79 | 9.67 | 9.69 | 14.33 | 14.42 | 18.90 | 18.86 |
| Mode | LTE Band 41 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | - | - | - | - | 4.74 | - | 9.63 | - | 14.12 | - | 18.78 | - |
| Middle CH | - | - | - | - | 4.86 | - | 9.83 | - | 14.27 | - | 18.82 | - |
| Highest CH | - | - | - | - | 4.82 | - | 9.79 | - | 14.24 | - | 18.94 | - |



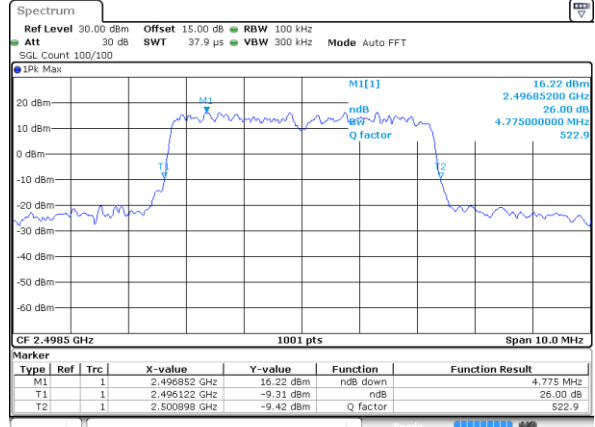
LTE Band 41

Lowest Channel / 5MHz / QPSK



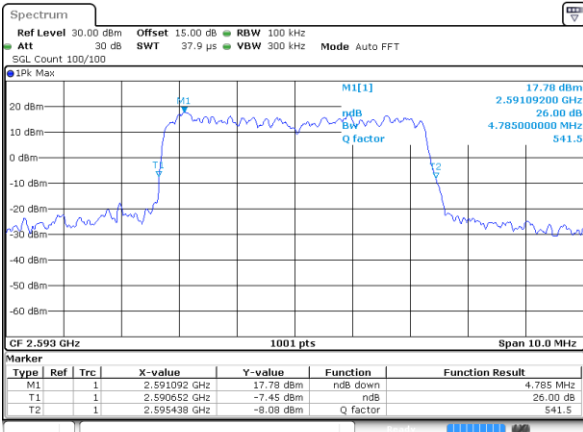
Date: 13.OCT.2021 11:44:15

Lowest Channel / 5MHz / 16QAM



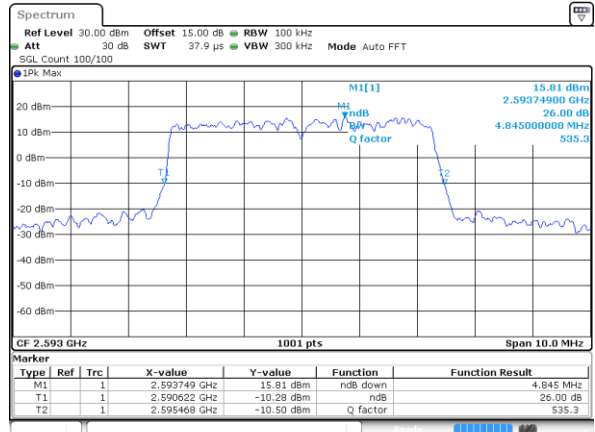
Date: 13.OCT.2021 11:44:39

Middle Channel / 5MHz / QPSK



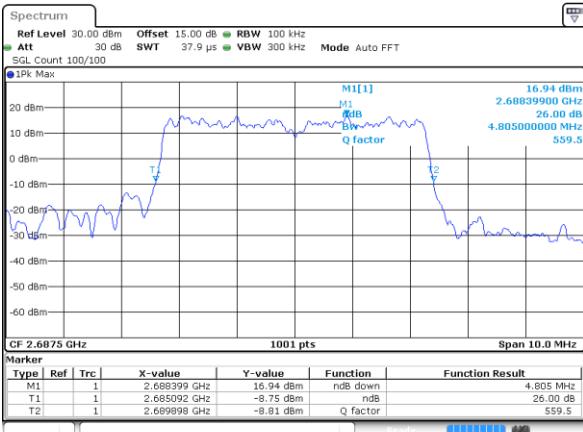
Date: 13.OCT.2021 11:45:51

Middle Channel / 5MHz / 16QAM



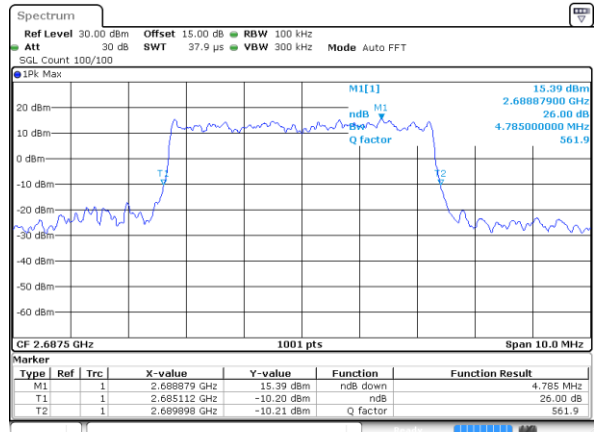
Date: 13.OCT.2021 11:46:16

Highest Channel / 5MHz / QPSK



Date: 13.OCT.2021 11:47:29

Highest Channel / 5MHz / 16QAM

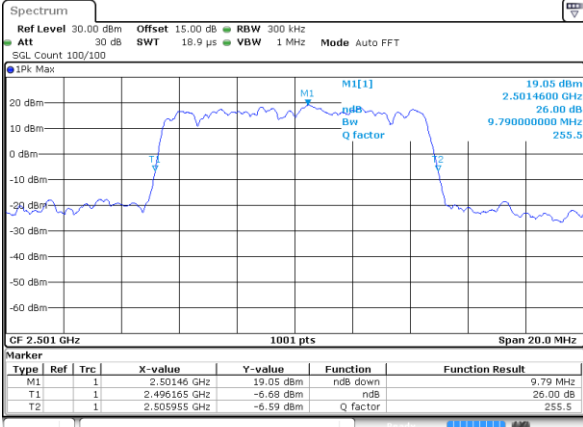


Date: 13.OCT.2021 11:47:53



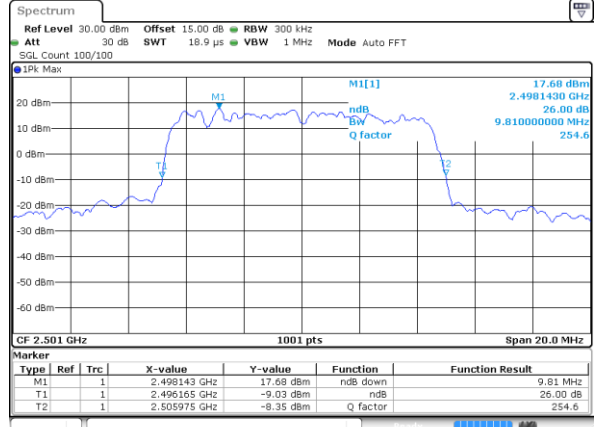
LTE Band 41

Lowest Channel / 10MHz / QPSK



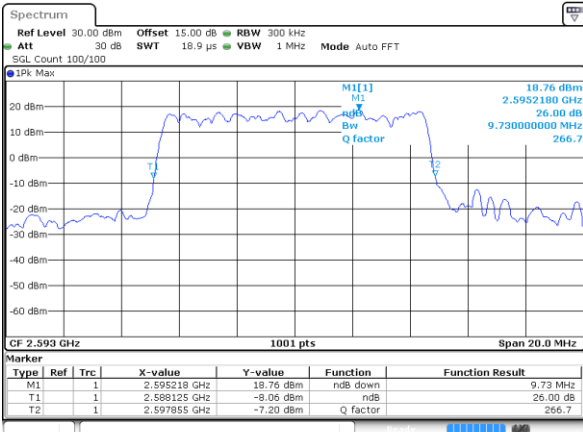
Date: 13.OCT.2021 11:49:07

Lowest Channel / 10MHz / 16QAM



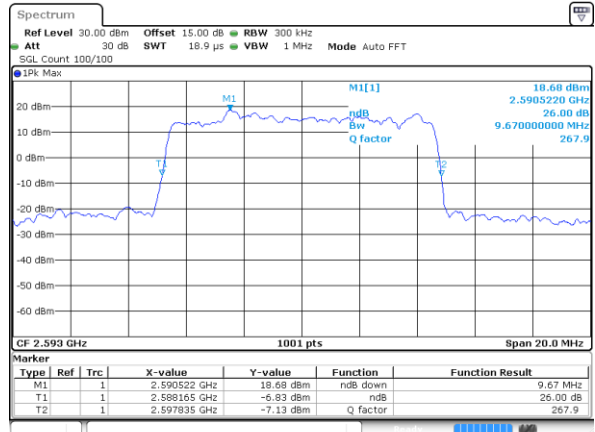
Date: 13.OCT.2021 11:49:32

Middle Channel / 10MHz / QPSK



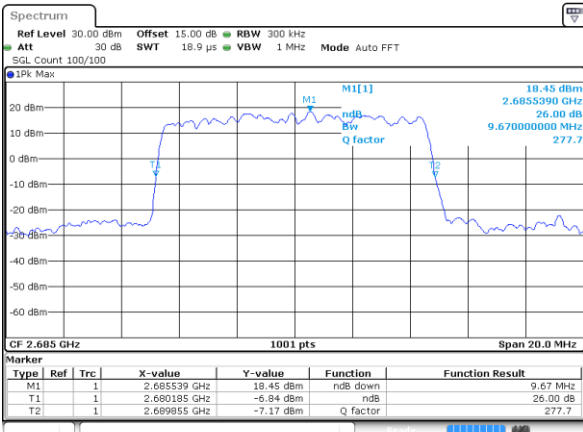
Date: 13.OCT.2021 11:50:44

Middle Channel / 10MHz / 16QAM



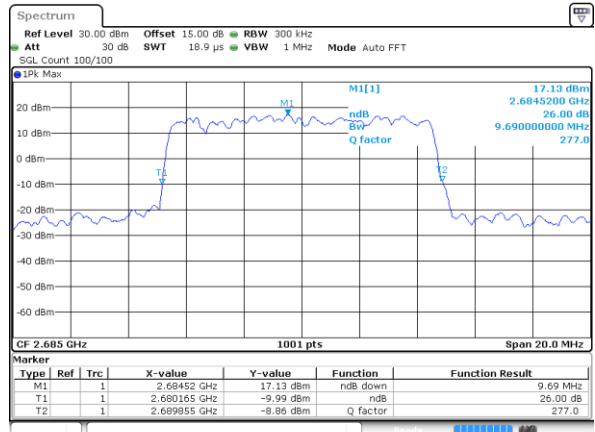
Date: 13.OCT.2021 11:51:08

Highest Channel / 10MHz / QPSK



Date: 13.OCT.2021 11:52:21

Highest Channel / 10MHz / 16QAM

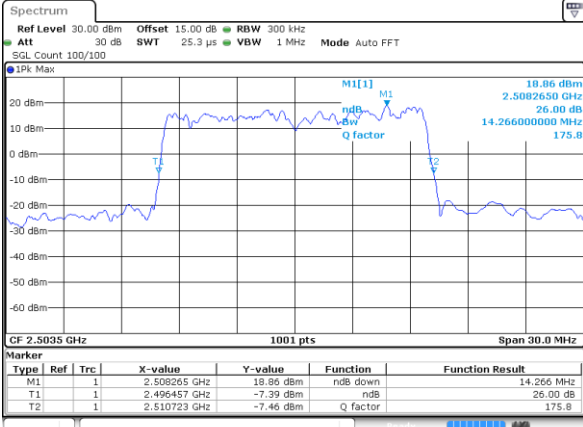


Date: 13.OCT.2021 11:52:45



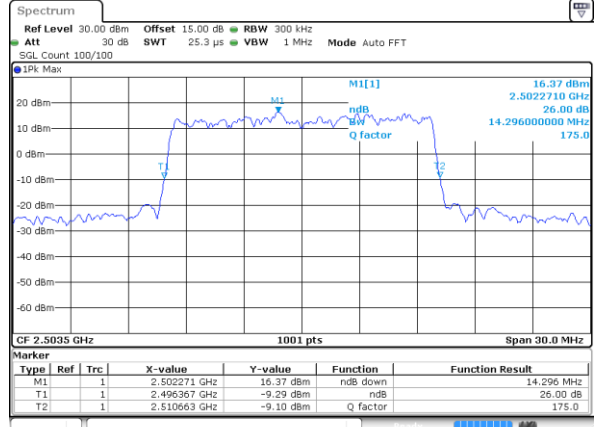
LTE Band 41

Lowest Channel / 15MHz / QPSK



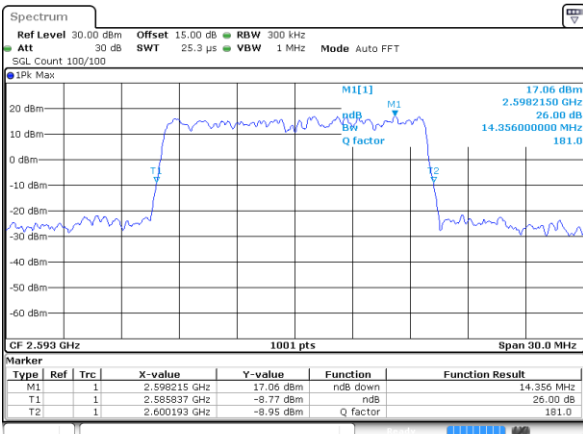
Date: 13.OCT.2021 11:53:59

Lowest Channel / 15MHz / 16QAM



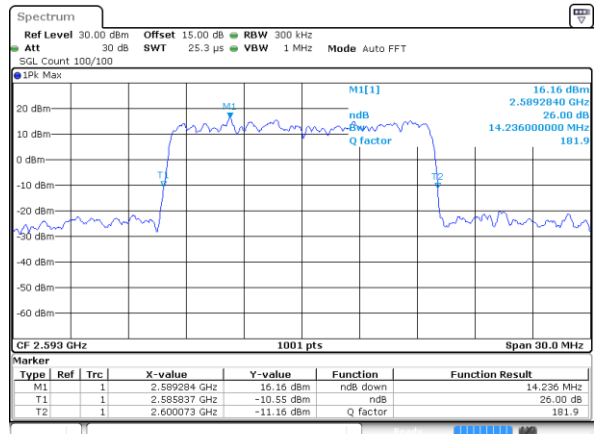
Date: 13.OCT.2021 11:54:24

Middle Channel / 15MHz / QPSK



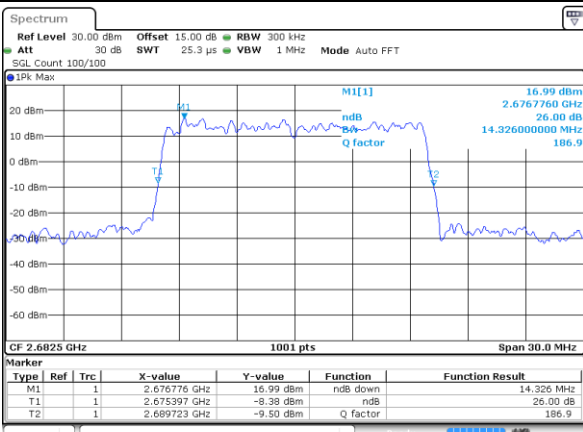
Date: 13.OCT.2021 11:55:36

Middle Channel / 15MHz / 16QAM



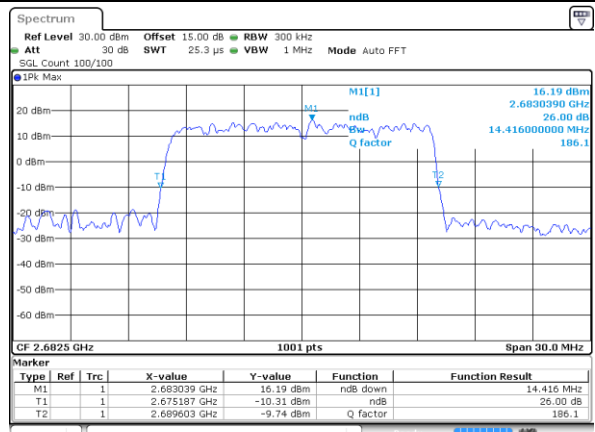
Date: 13.OCT.2021 11:56:00

Highest Channel / 15MHz / QPSK



Date: 13.OCT.2021 11:57:13

Highest Channel / 15MHz / 16QAM



Date: 13.OCT.2021 11:57:37