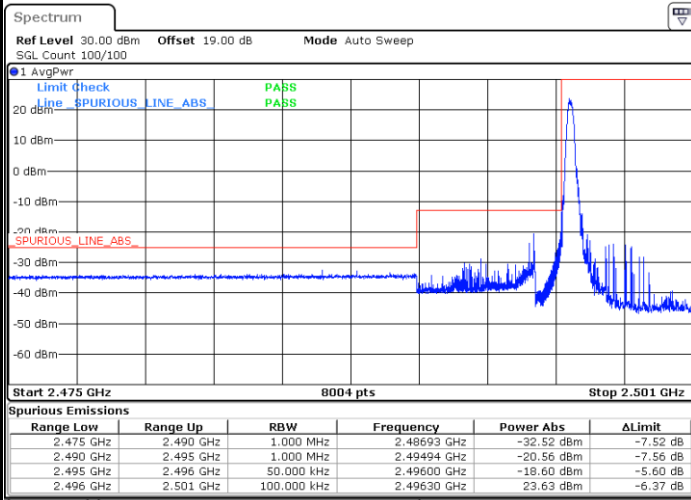




LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



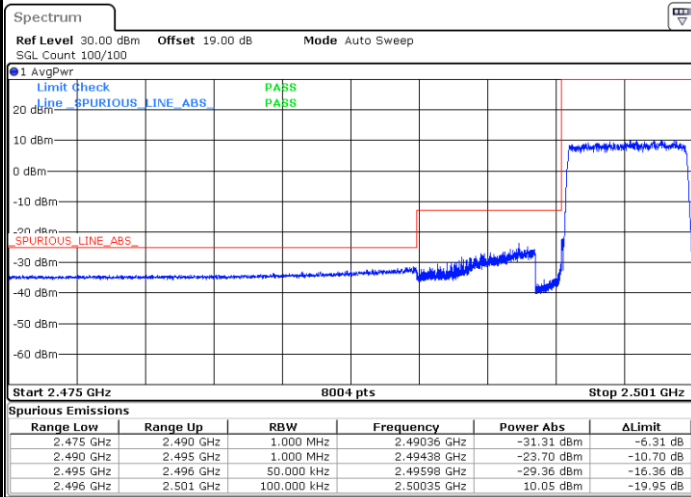
Date: 30.APR.2020 21:21:09

Highest Band Edge / 1 RB



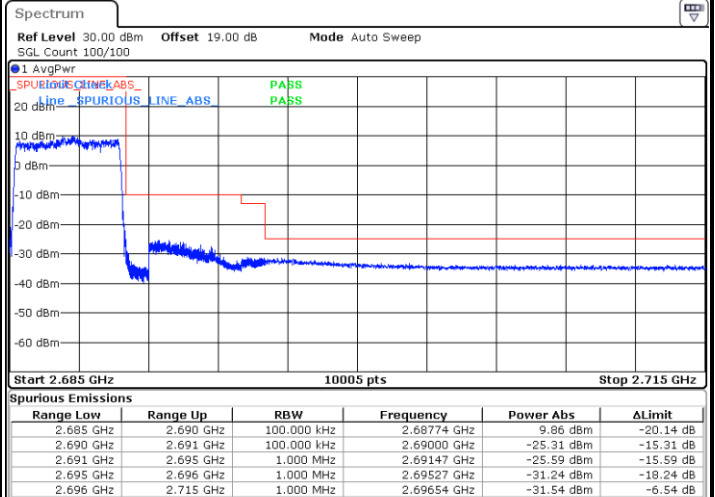
Date: 30.APR.2020 21:24:27

Lowest Band Edge / Full RB



Date: 30.APR.2020 21:22:48

Highest Band Edge / Full RB

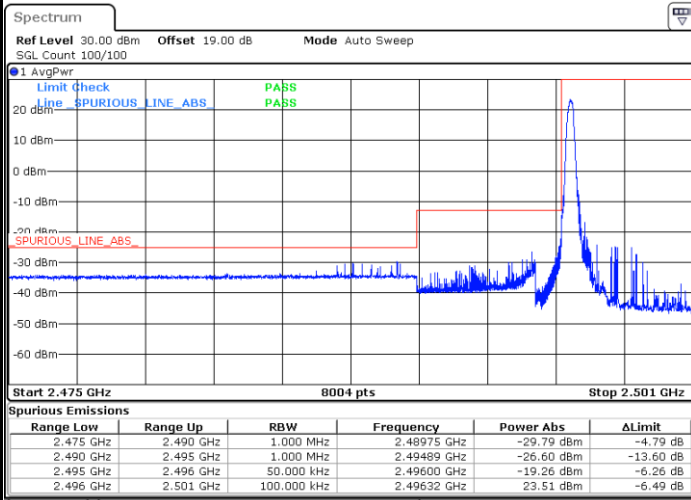


Date: 30.APR.2020 21:26:07



LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



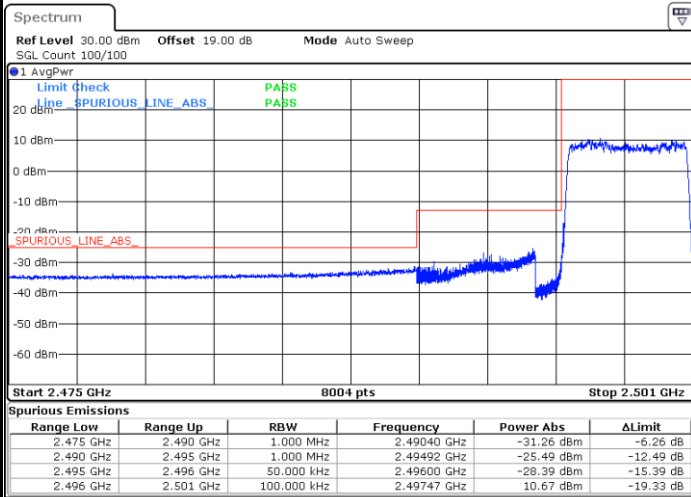
Date: 30.APR.2020 21:26:58

Highest Band Edge / 1 RB



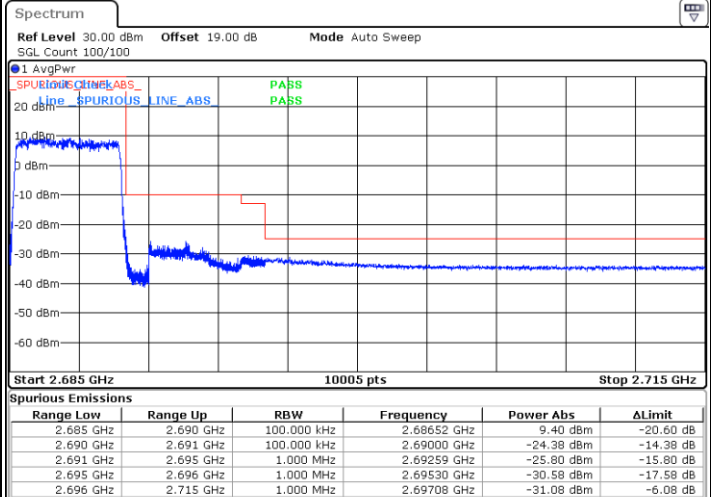
Date: 30.APR.2020 21:28:36

Lowest Band Edge / Full RB



Date: 30.APR.2020 21:27:47

Highest Band Edge / Full RB

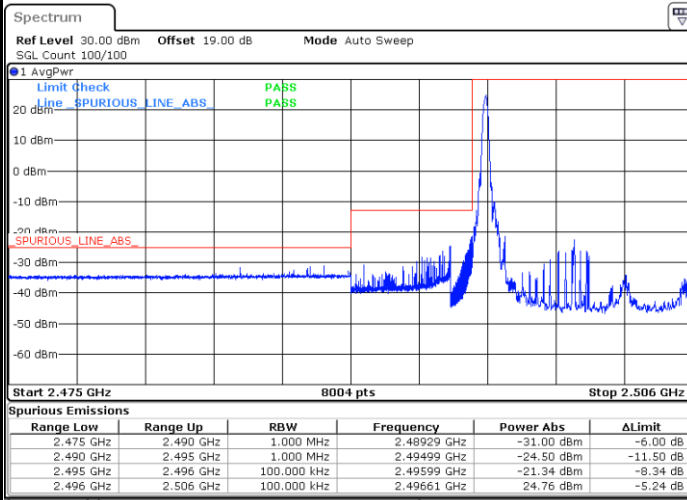


Date: 30.APR.2020 21:29:26



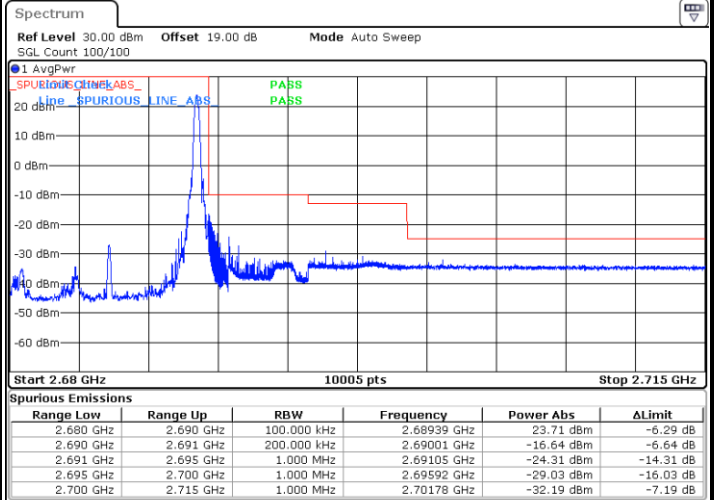
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



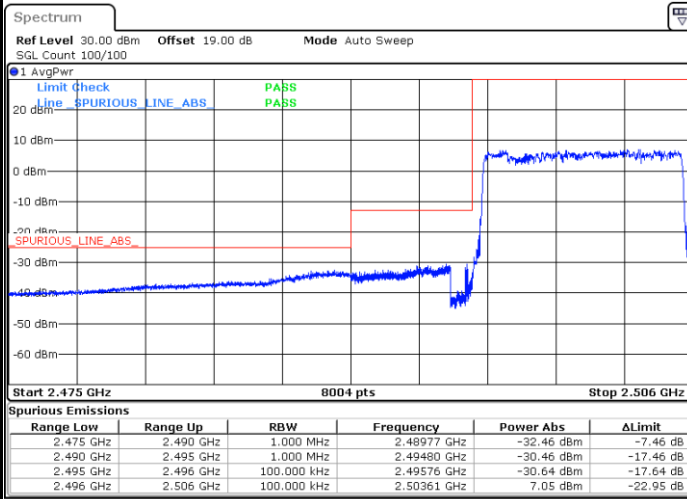
Date: 30.APR.2020 21:30:17

Highest Band Edge / 1 RB



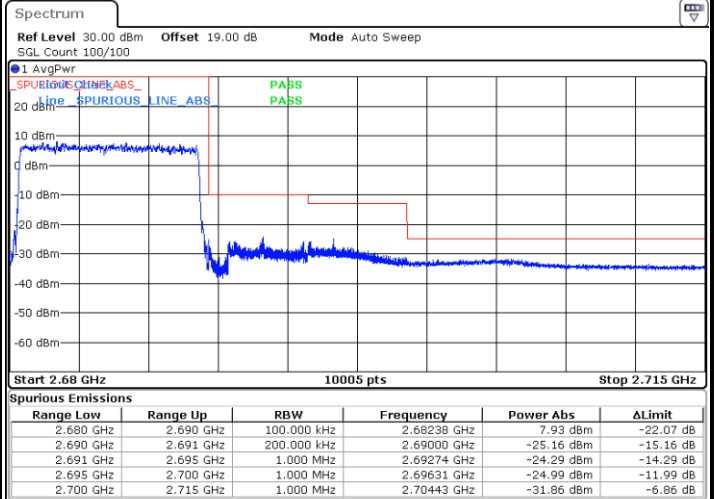
Date: 30.APR.2020 21:33:35

Lowest Band Edge / Full RB



Date: 29.MAY.2020 15:55:43

Highest Band Edge / Full RB

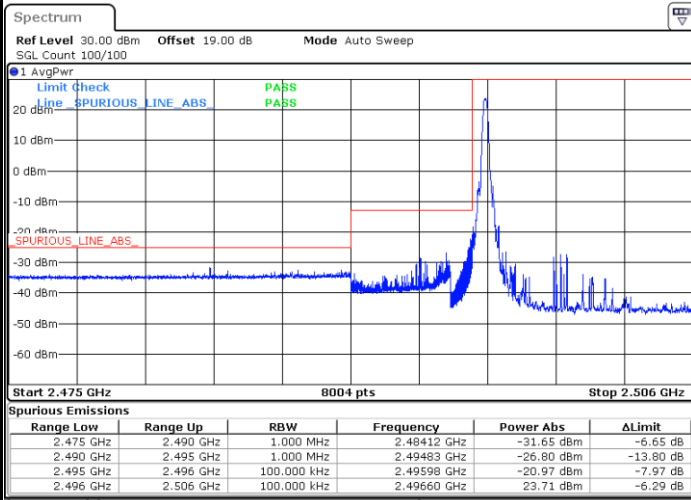


Date: 30.APR.2020 21:35:15



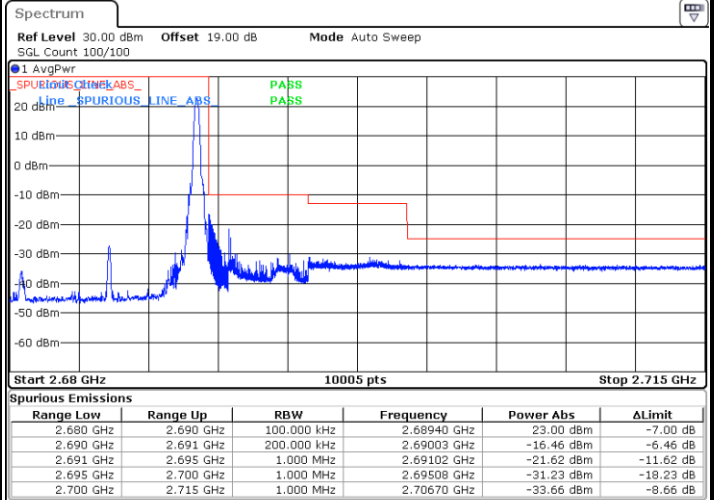
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



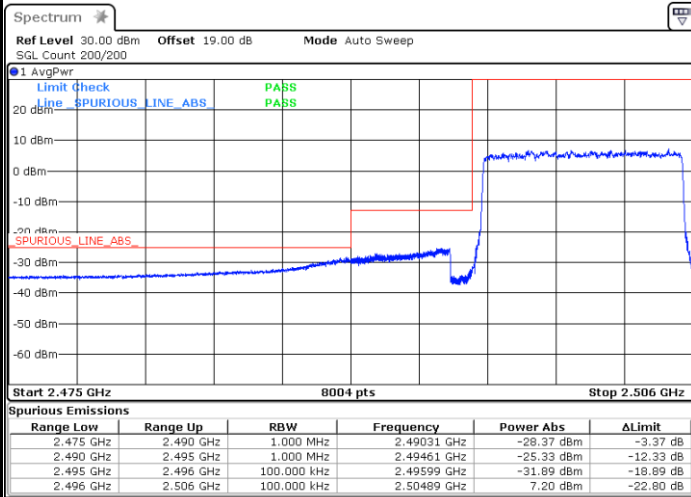
Date: 30.APR.2020 21:31:06

Highest Band Edge / 1 RB



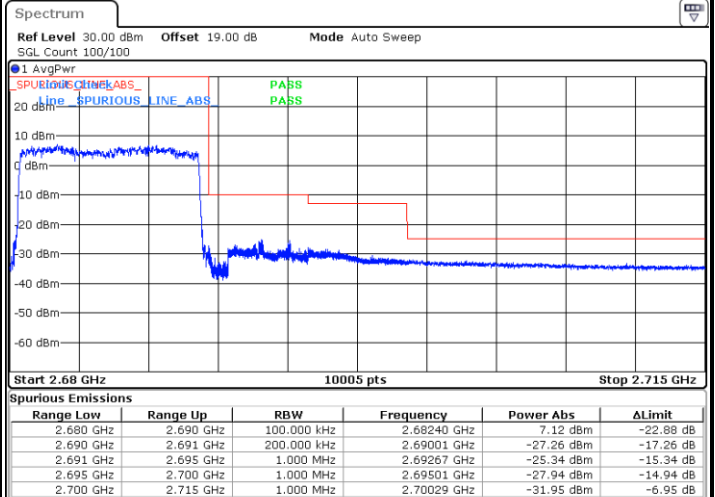
Date: 30.APR.2020 21:34:25

Lowest Band Edge / Full RB



Date: 2.MAY.2020 02:56:23

Highest Band Edge / Full RB

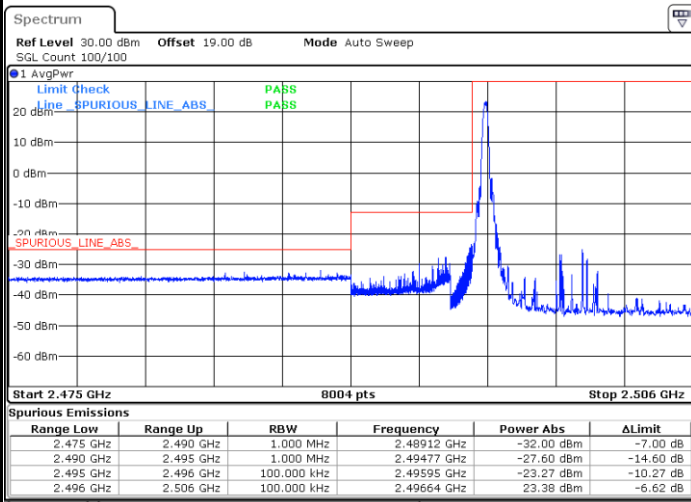


Date: 30.APR.2020 21:36:05



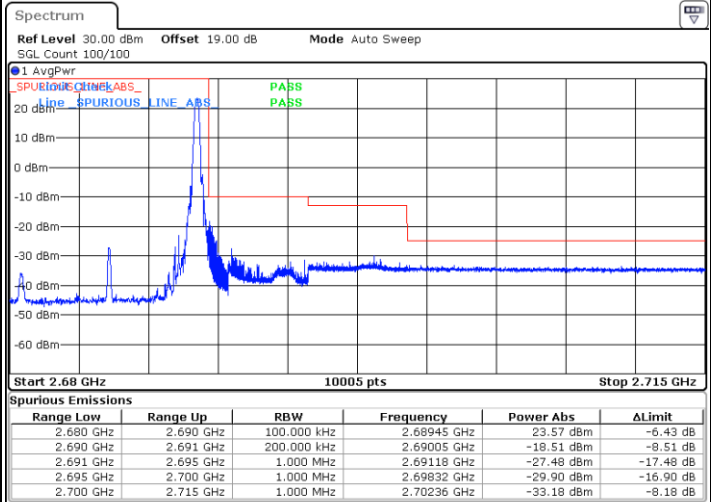
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



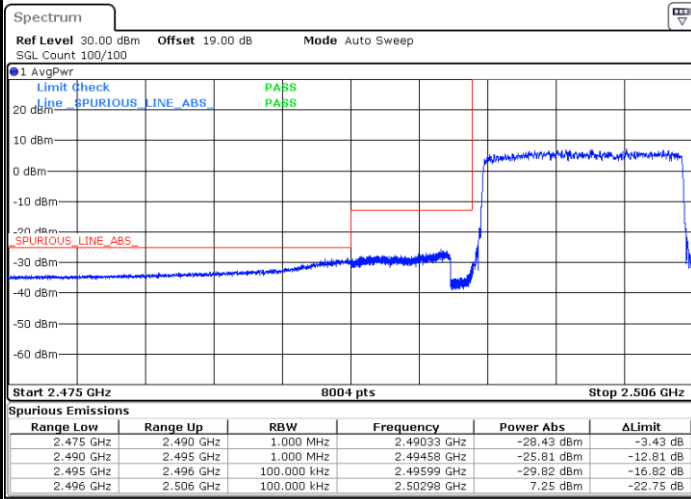
Date: 30.APR.2020 21:36:55

Highest Band Edge / 1 RB



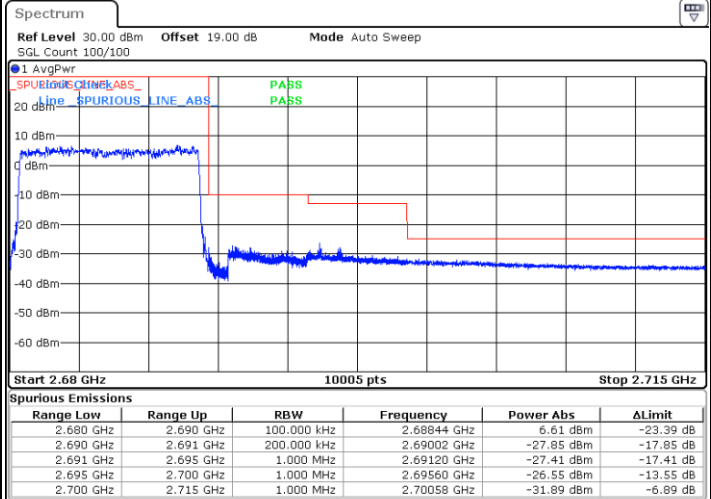
Date: 30.APR.2020 21:38:34

Lowest Band Edge / Full RB



Date: 30.APR.2020 21:37:45

Highest Band Edge / Full RB

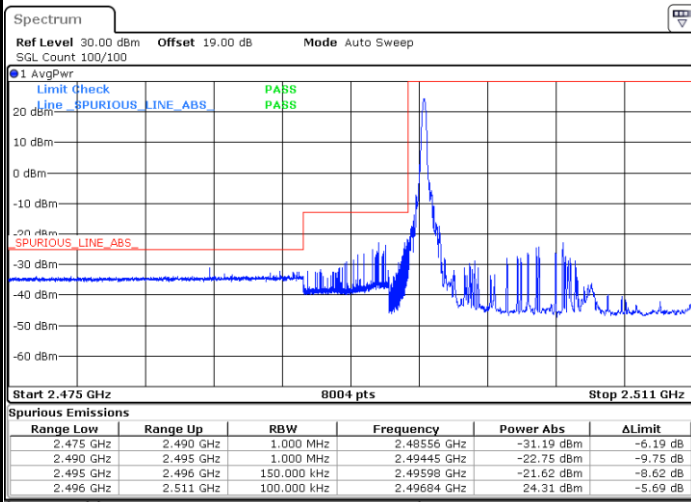


Date: 30.APR.2020 21:39:24



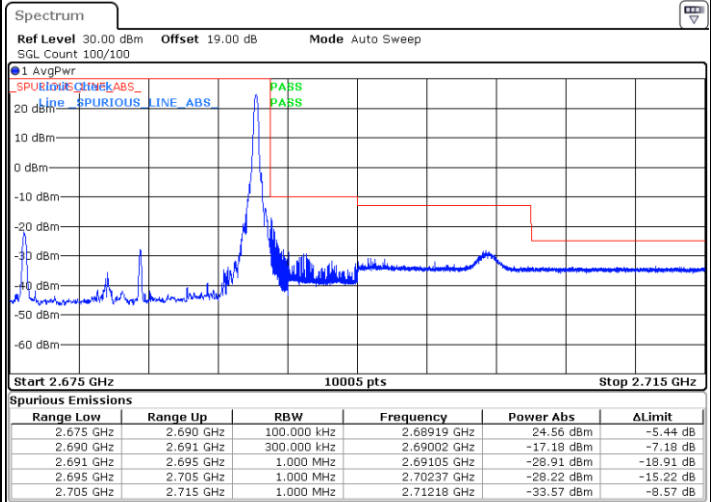
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



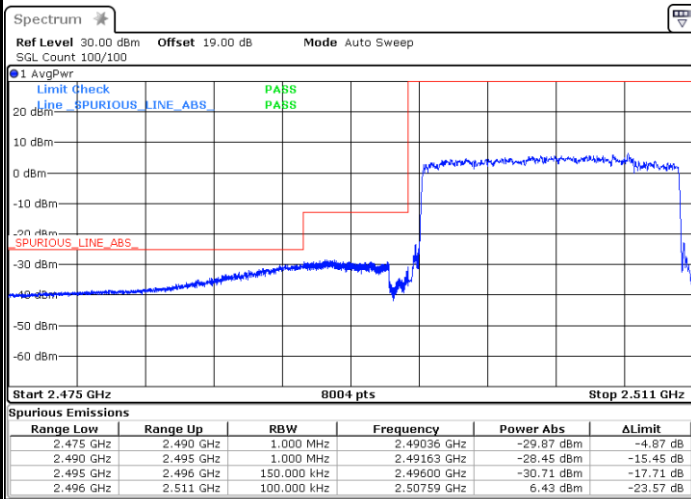
Date: 30.APR.2020 21:43:33

Highest Band Edge / 1 RB



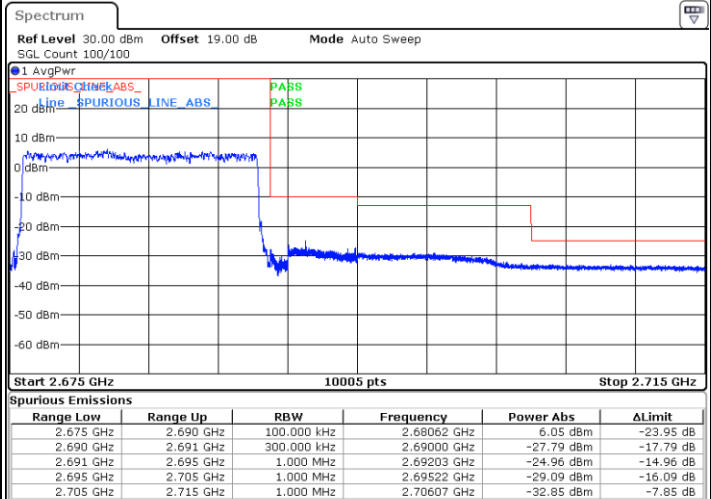
Date: 30.APR.2020 21:46:52

Lowest Band Edge / Full RB



Date: 29.MAY.2020 15:53:34

Highest Band Edge / Full RB

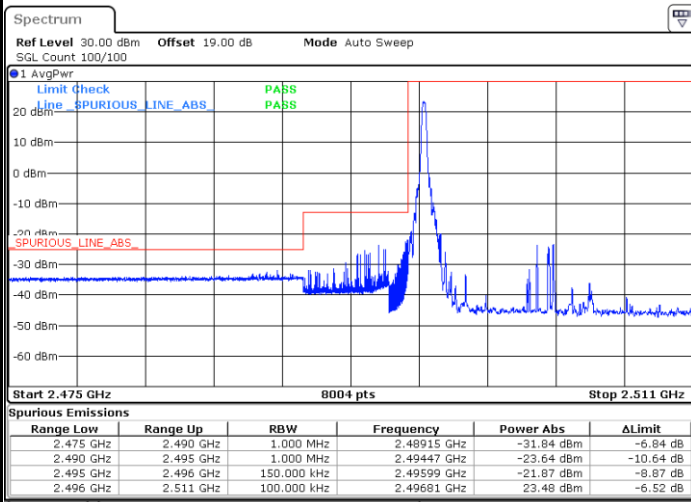


Date: 30.APR.2020 21:48:31



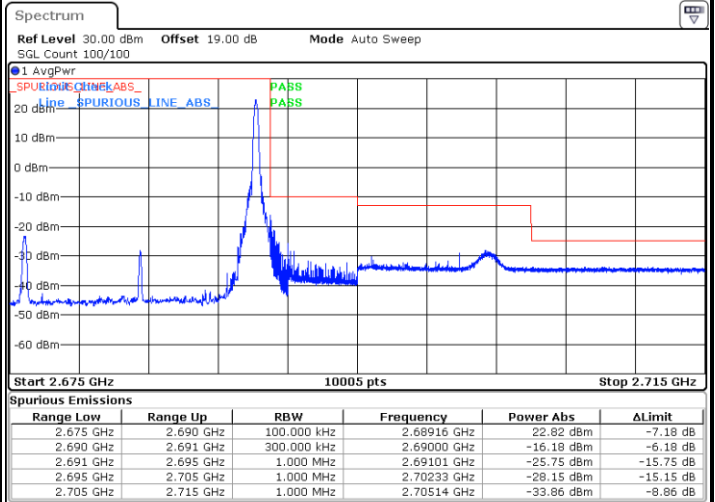
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



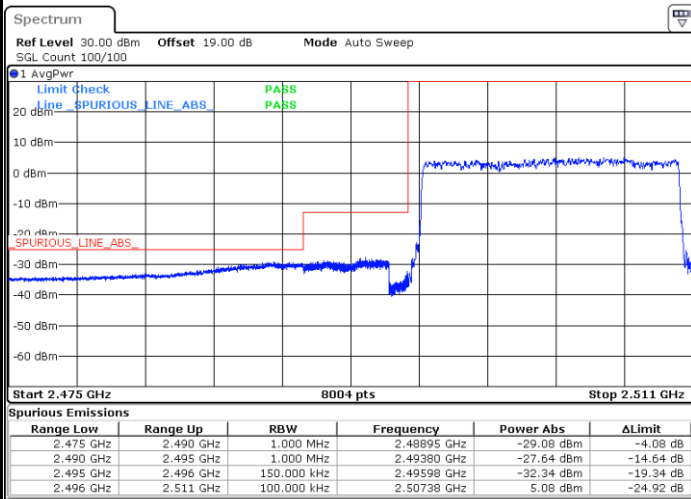
Date: 30.APR.2020 21:44:23

Highest Band Edge / 1 RB



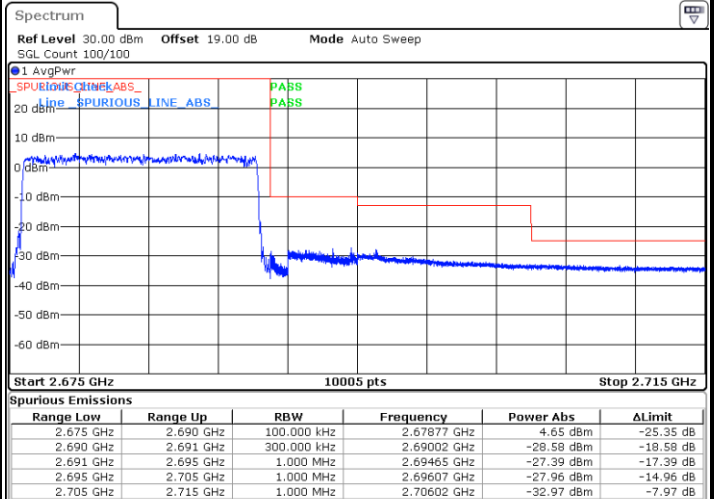
Date: 30.APR.2020 21:47:41

Lowest Band Edge / Full RB



Date: 30.APR.2020 21:46:02

Highest Band Edge / Full RB

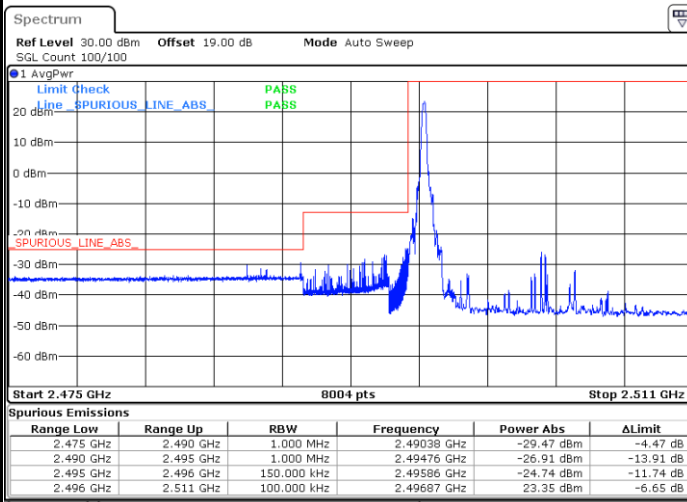


Date: 30.APR.2020 21:49:21



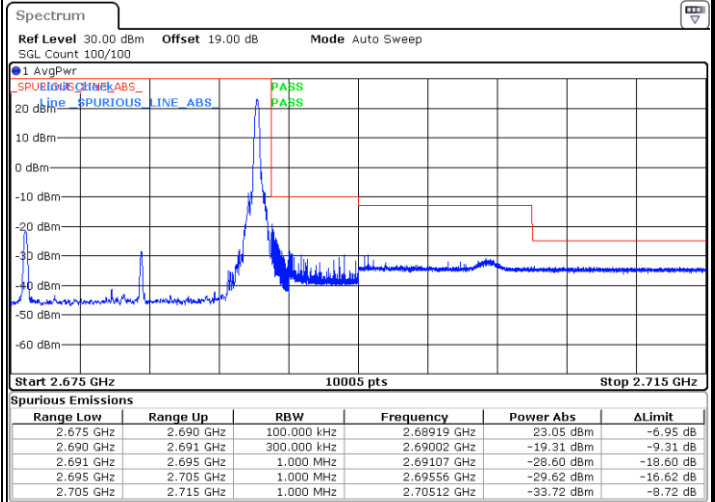
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



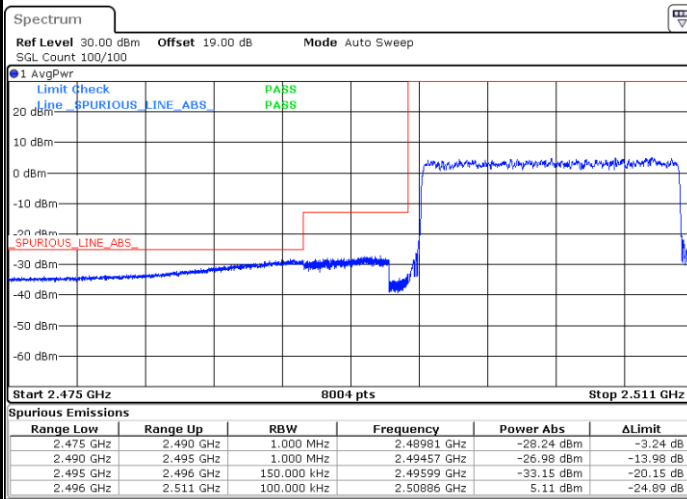
Date: 30.APR.2020 21:40:14

Highest Band Edge / 1 RB



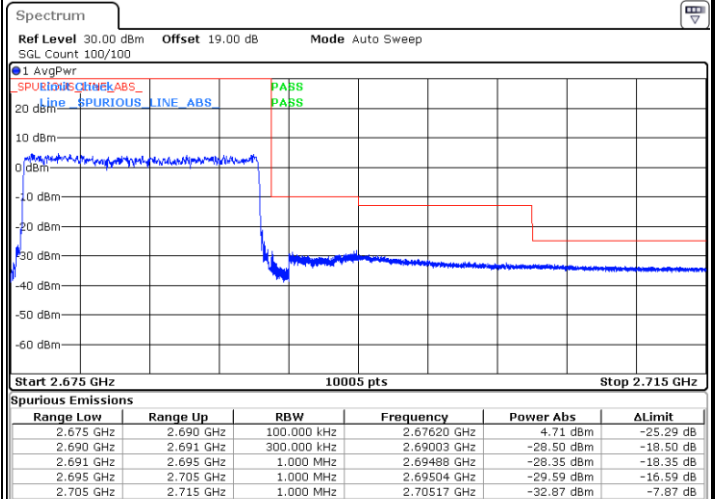
Date: 30.APR.2020 21:41:53

Lowest Band Edge / Full RB



Date: 30.APR.2020 21:41:04

Highest Band Edge / Full RB

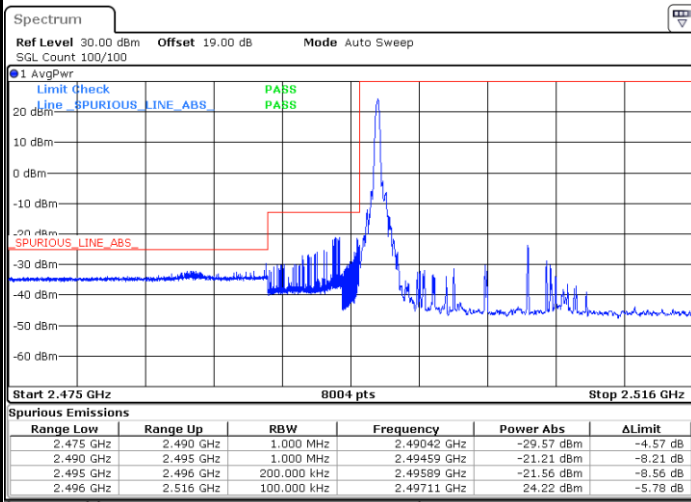


Date: 30.APR.2020 21:42:43



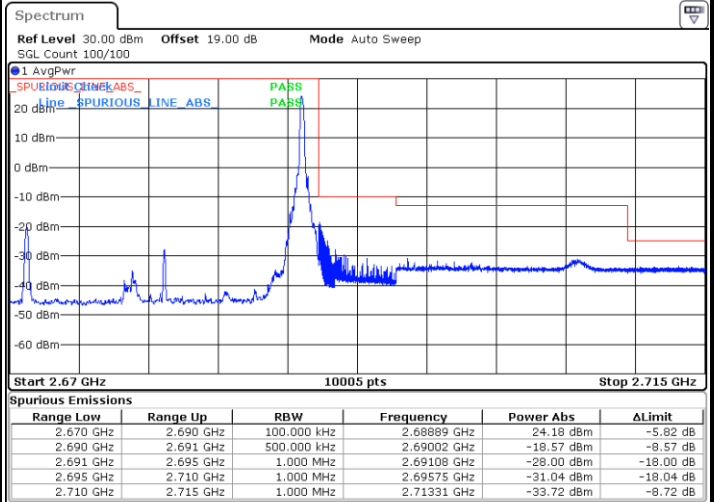
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



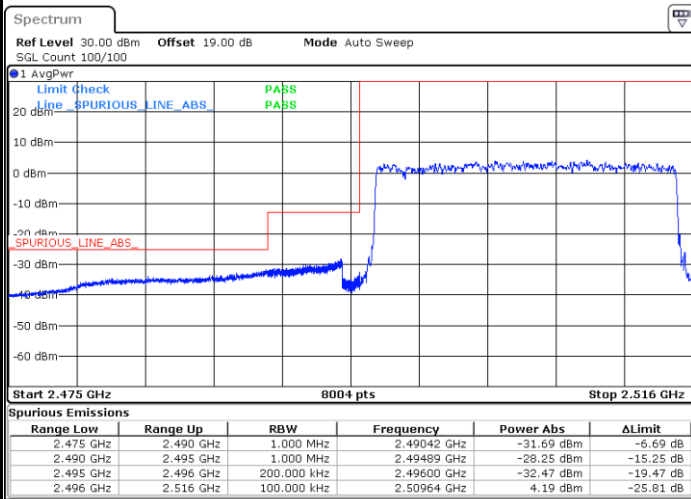
Date: 30.APR.2020 21:50:12

Highest Band Edge / 1 RB



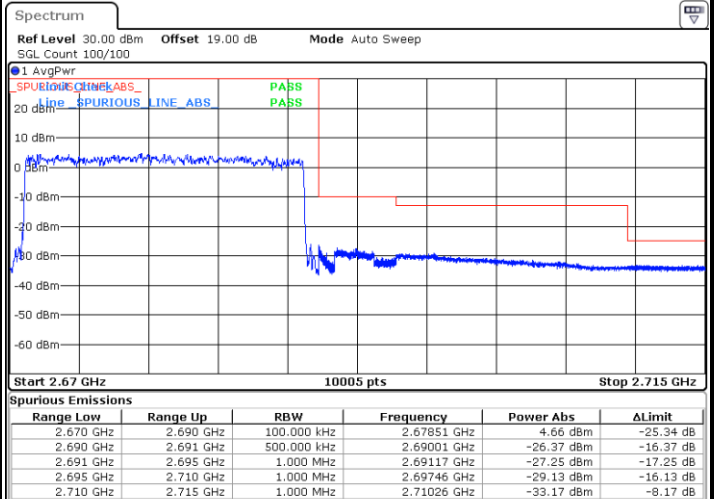
Date: 30.APR.2020 21:53:30

Lowest Band Edge / Full RB



Date: 29.MAY.2020 15:51:10

Highest Band Edge / Full RB

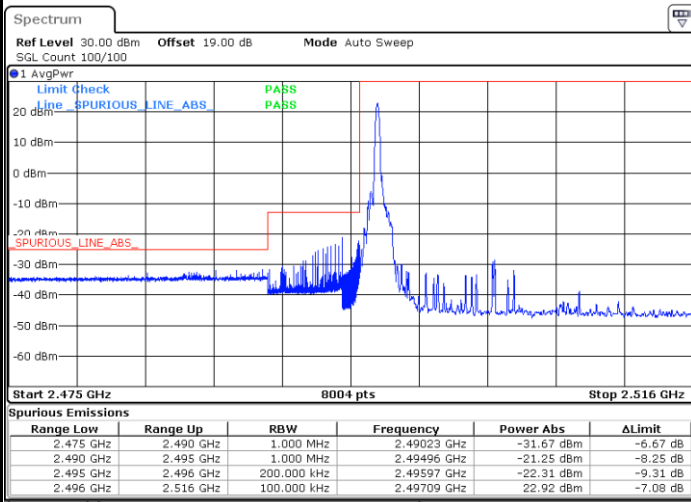


Date: 30.APR.2020 21:56:00



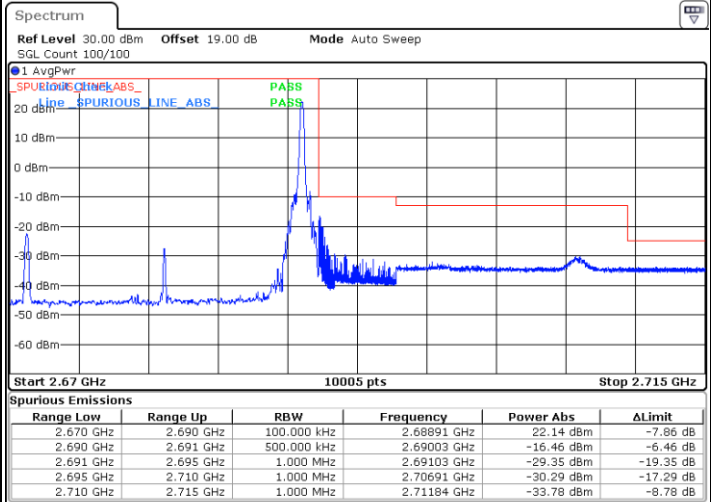
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



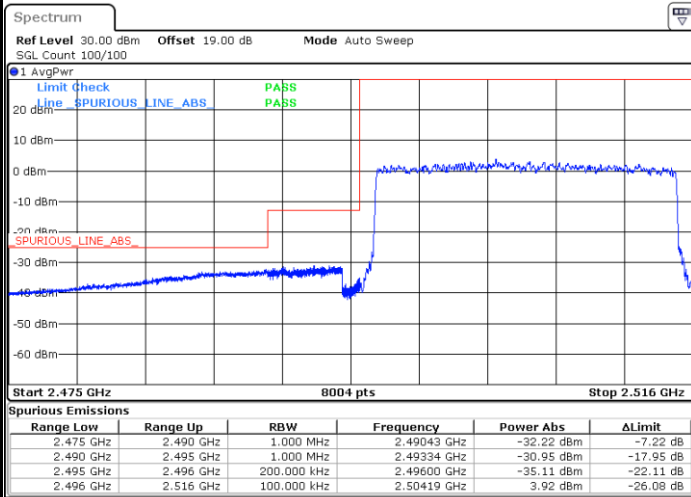
Date: 30.APR.2020 21:51:01

Highest Band Edge / 1 RB



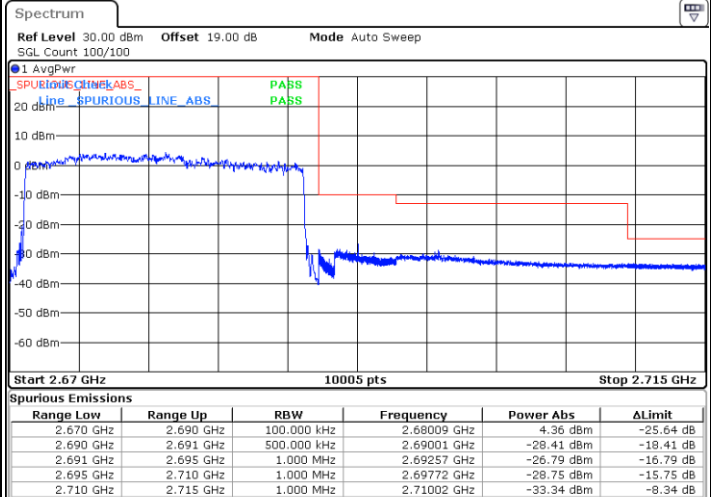
Date: 30.APR.2020 21:54:20

Lowest Band Edge / Full RB



Date: 29.MAY.2020 15:52:00

Highest Band Edge / Full RB

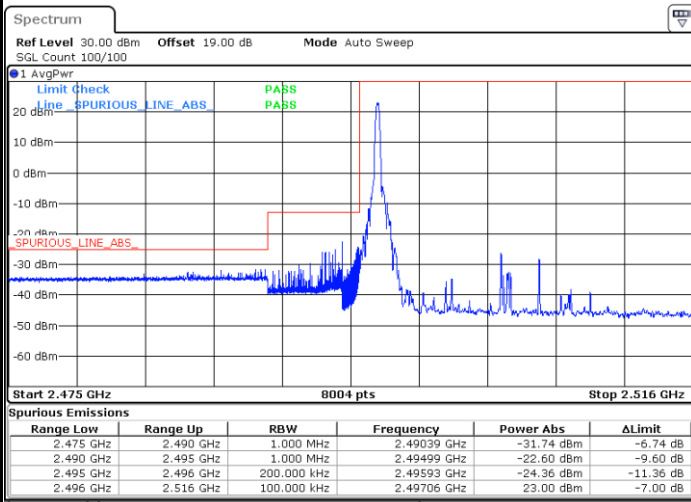


Date: 30.APR.2020 21:55:10



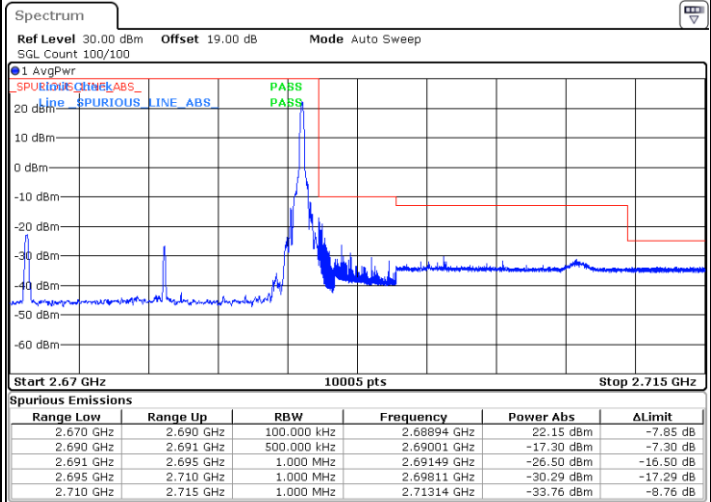
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



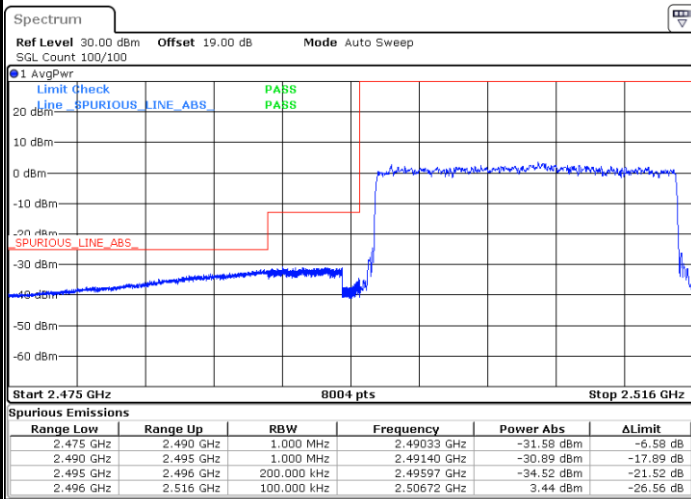
Date: 30.APR.2020 21:56:50

Highest Band Edge / 1 RB



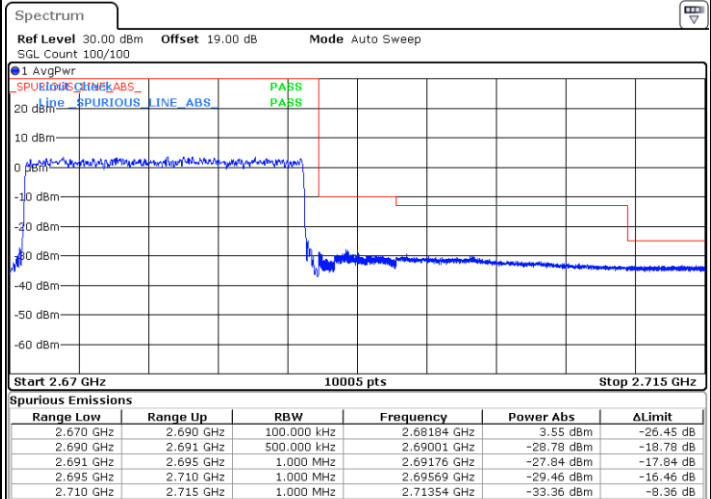
Date: 30.APR.2020 21:58:29

Lowest Band Edge / Full RB



Date: 29.MAY.2020 15:52:20

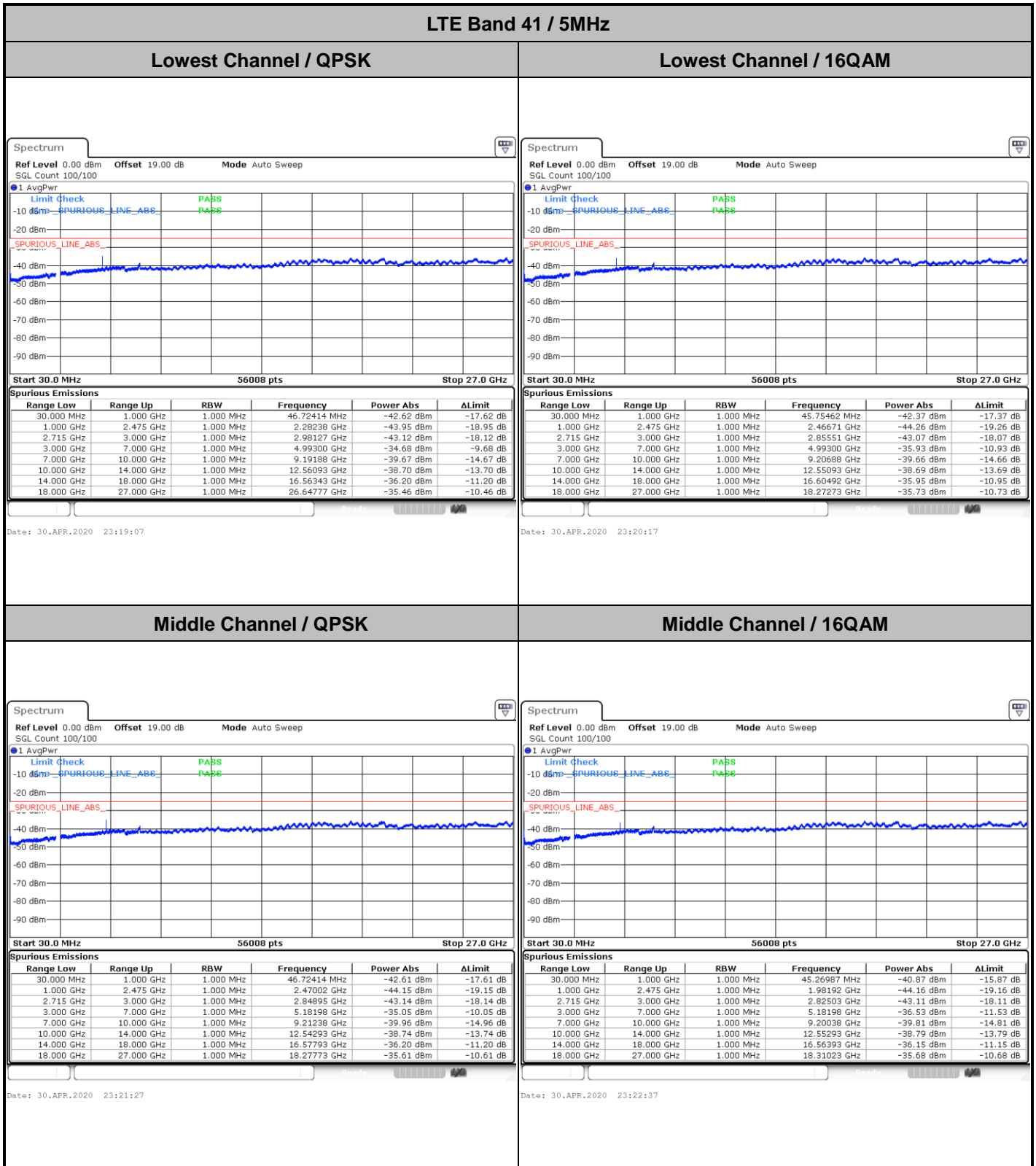
Highest Band Edge / Full RB



Date: 30.APR.2020 21:59:19



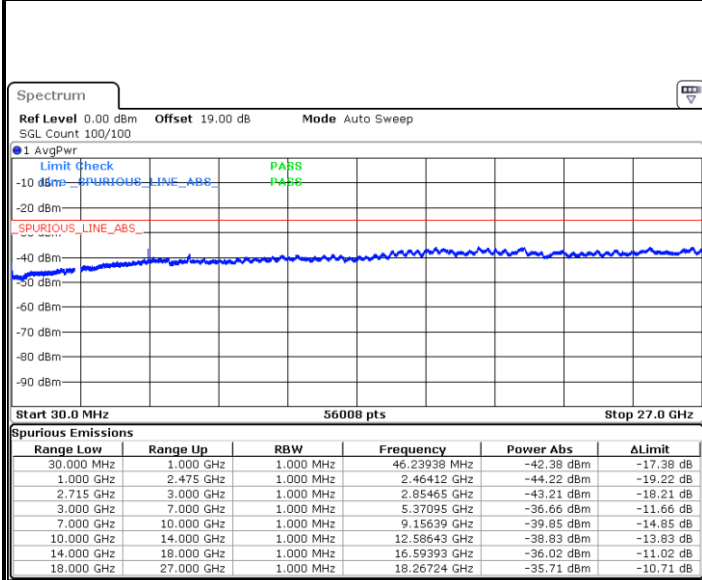
Conducted Spurious Emission





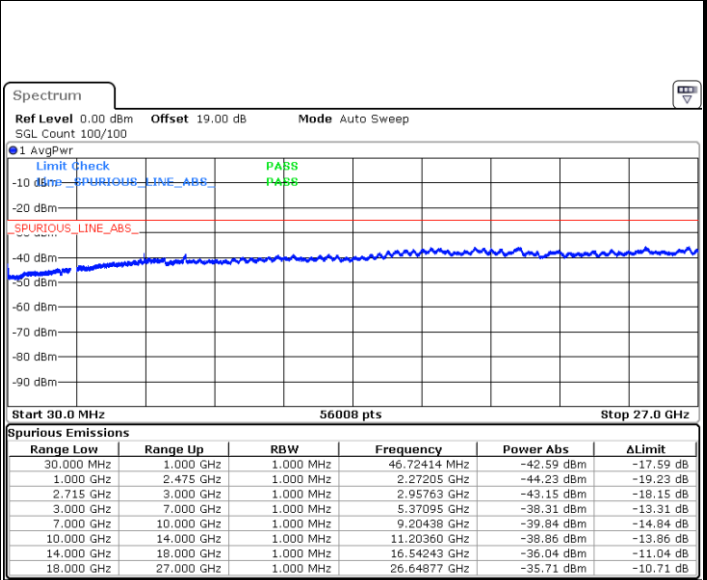
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 30.APR.2020 23:23:47

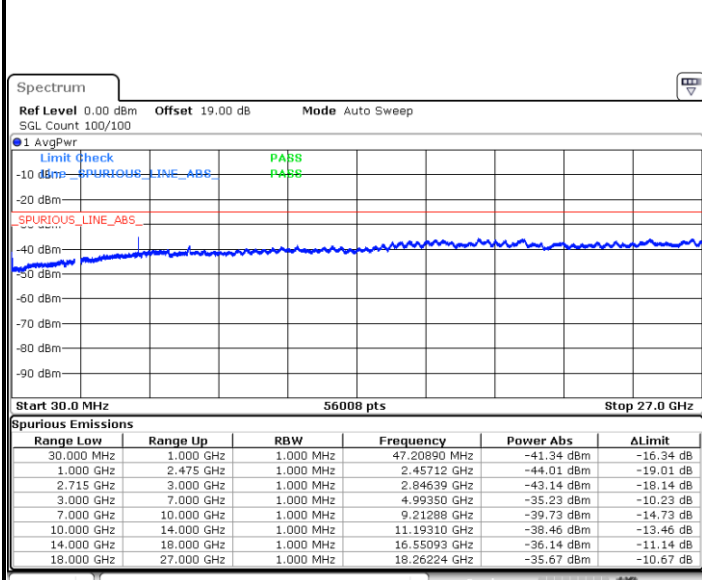
Highest Channel / 16QAM



Date: 30.APR.2020 23:24:57

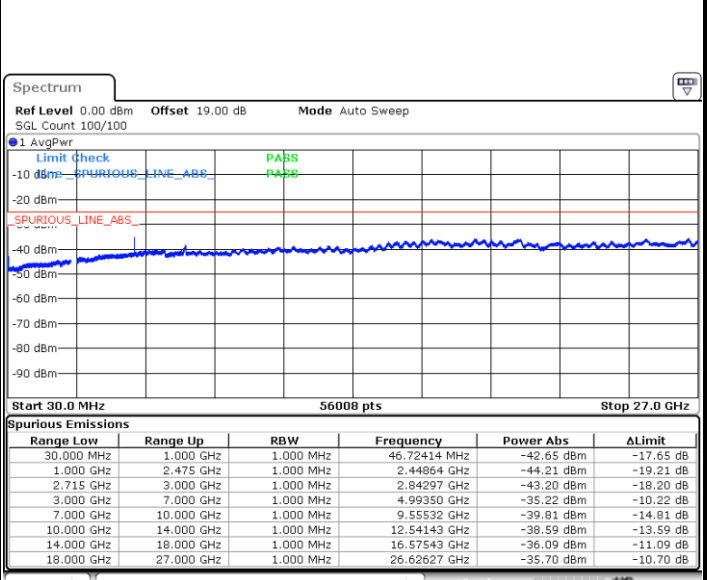
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 30.APR.2020 23:33:07

Lowest Channel / 16QAM



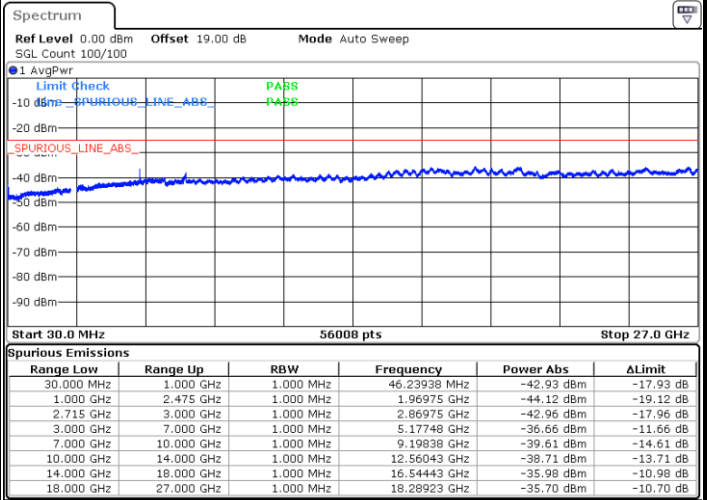
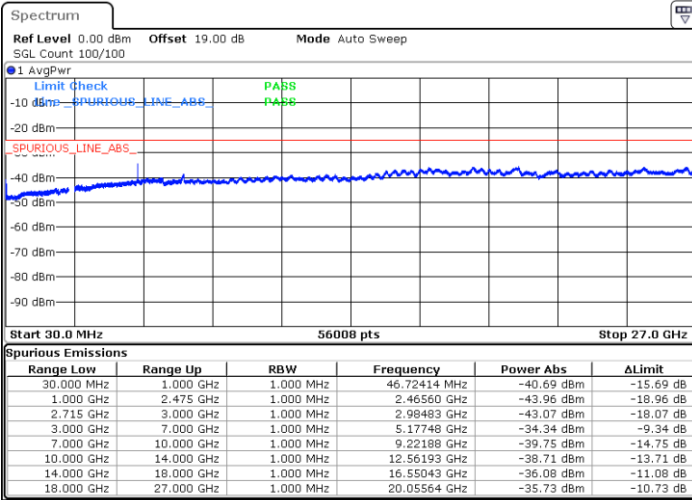
Date: 30.APR.2020 23:34:17



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

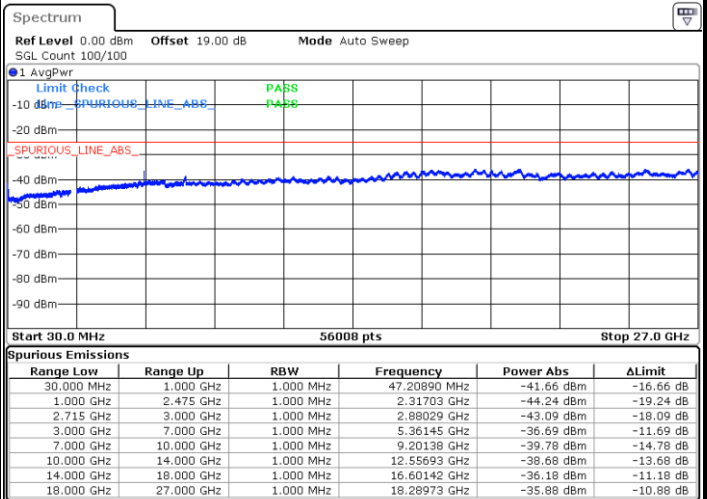
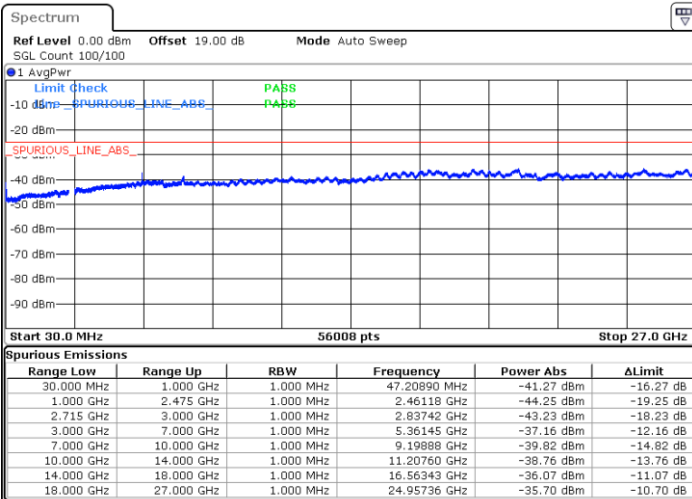


Date: 30.APR.2020 23:35:27

Date: 30.APR.2020 23:36:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30.APR.2020 23:37:47

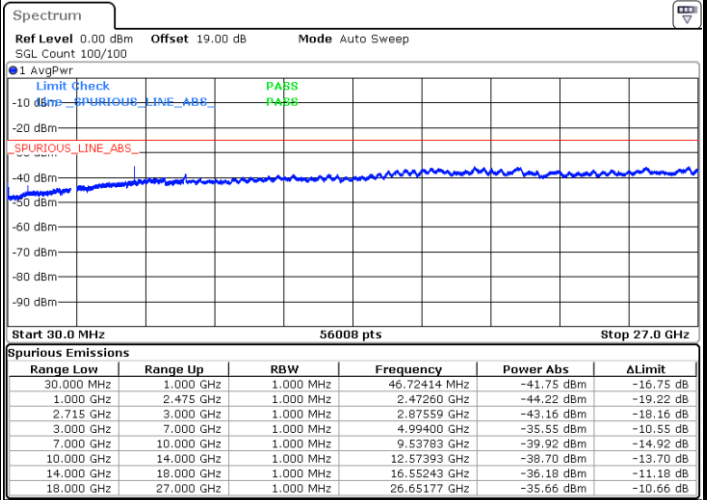
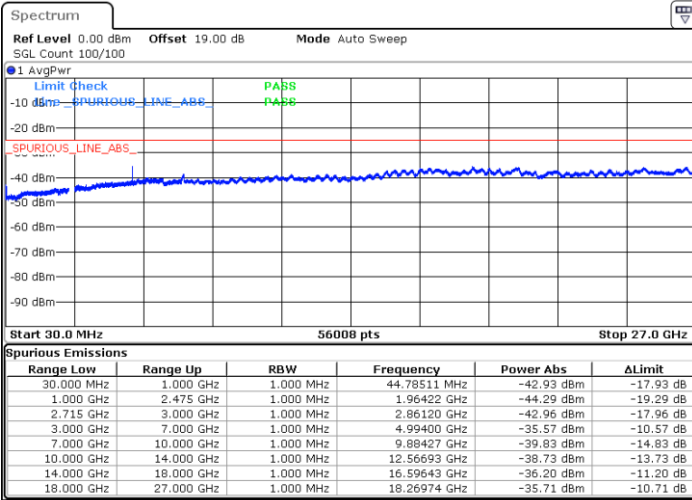
Date: 30.APR.2020 23:38:57



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

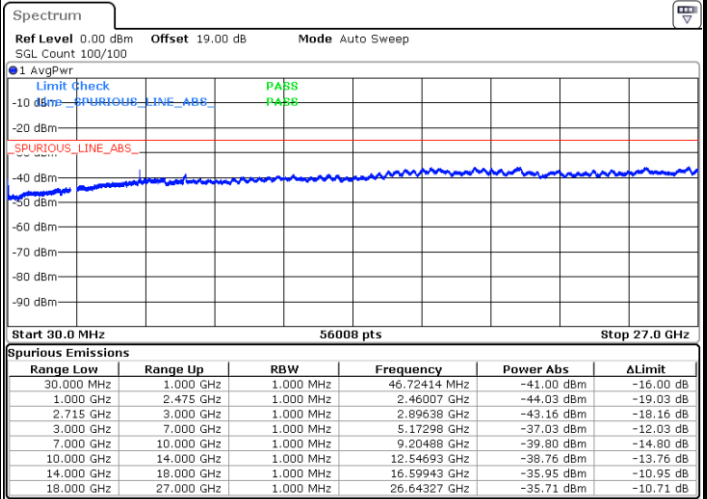
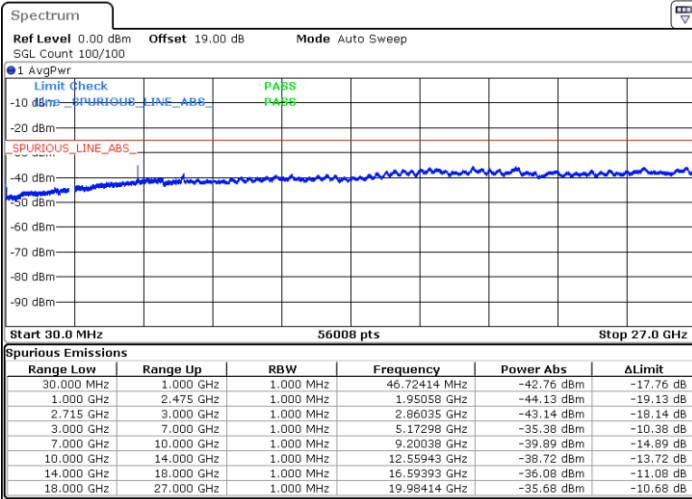


Date: 30.APR.2020 23:40:07

Date: 30.APR.2020 23:41:17

Middle Channel / QPSK

Middle Channel / 16QAM



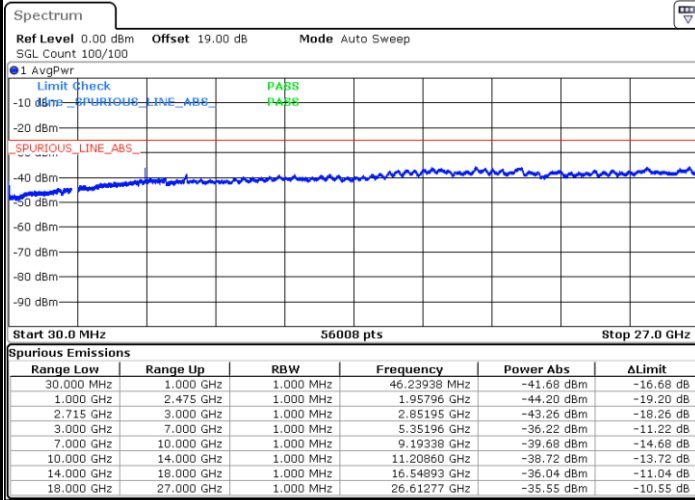
Date: 30.APR.2020 23:42:27

Date: 30.APR.2020 23:43:37



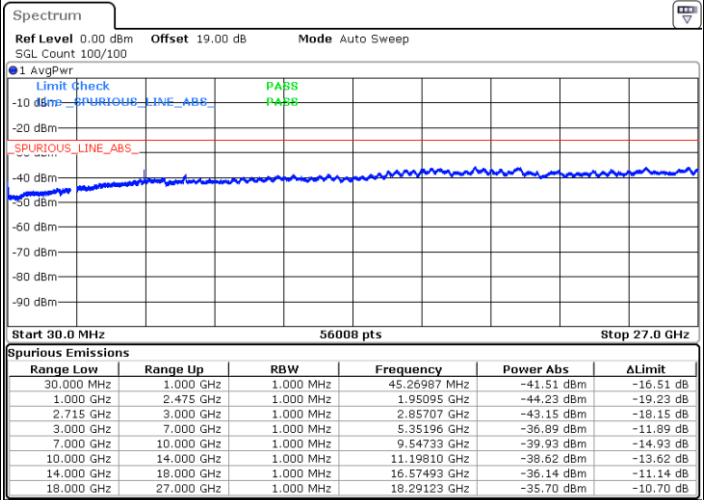
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 30.APR.2020 23:44:47

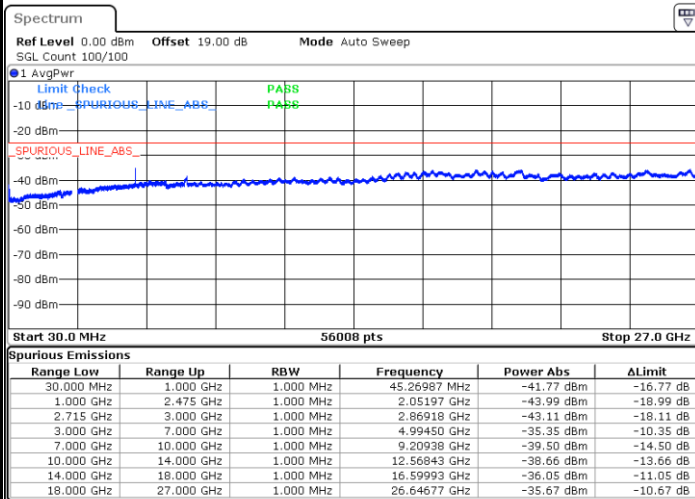
Highest Channel / 16QAM



Date: 30.APR.2020 23:45:57

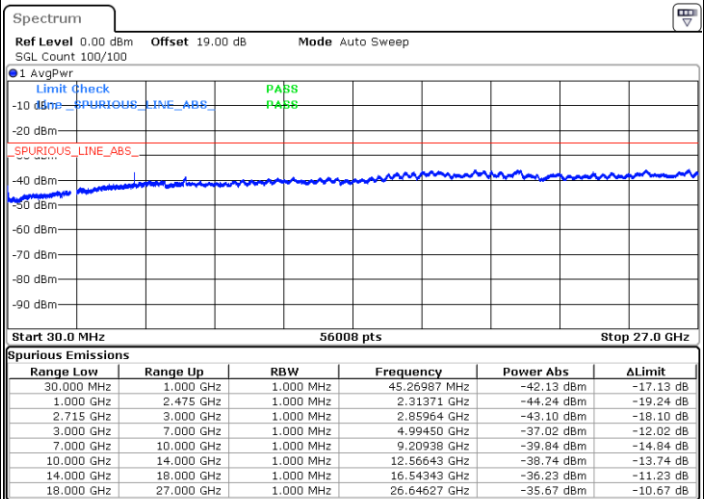
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 30.APR.2020 23:50:38

Lowest Channel / 16QAM



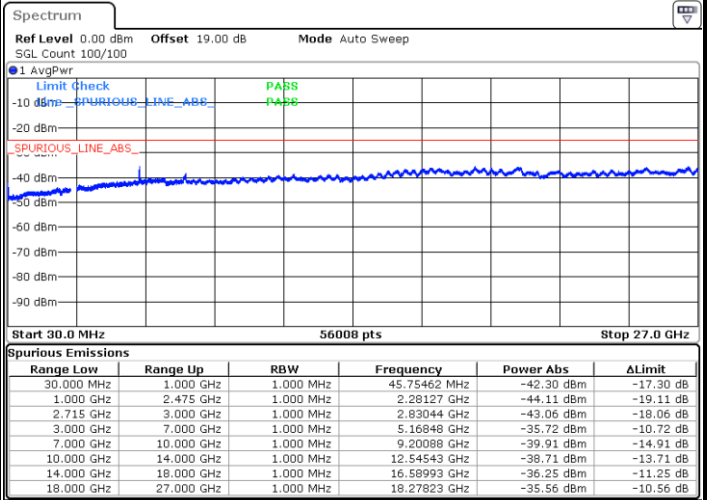
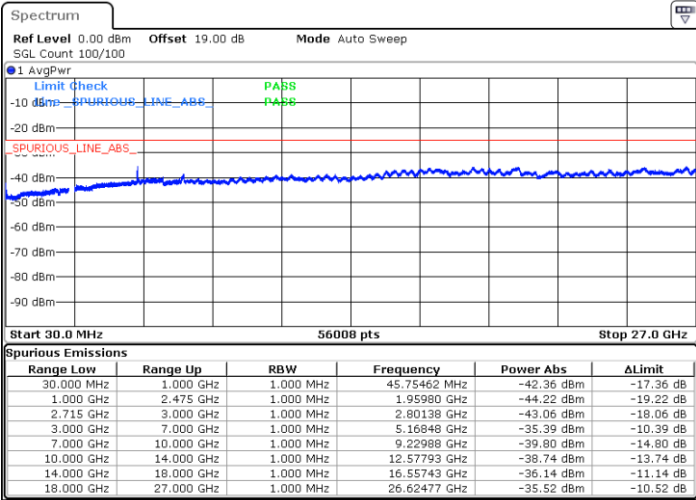
Date: 30.APR.2020 23:51:48



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

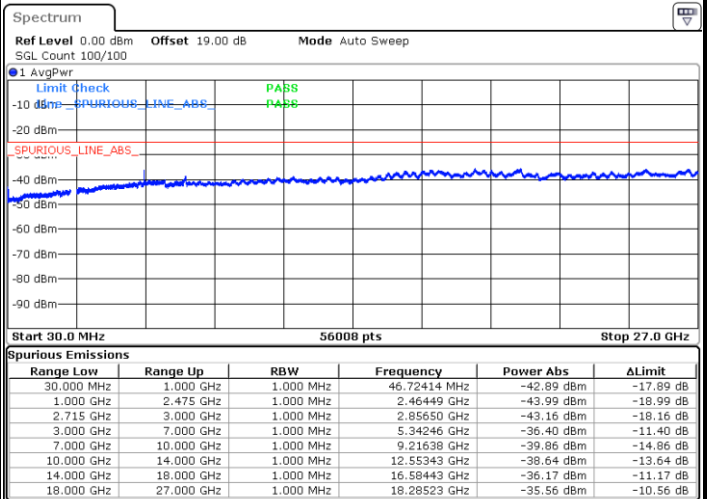
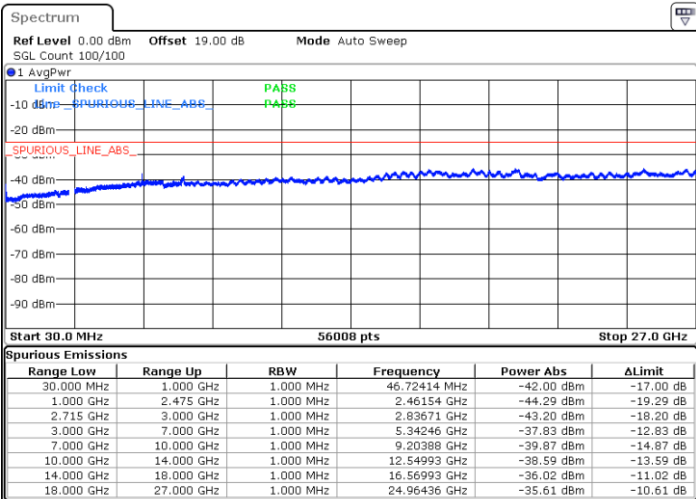


Date: 30.APR.2020 23:52:58

Date: 30.APR.2020 23:54:08

Highest Channel / QPSK

Highest Channel / 16QAM



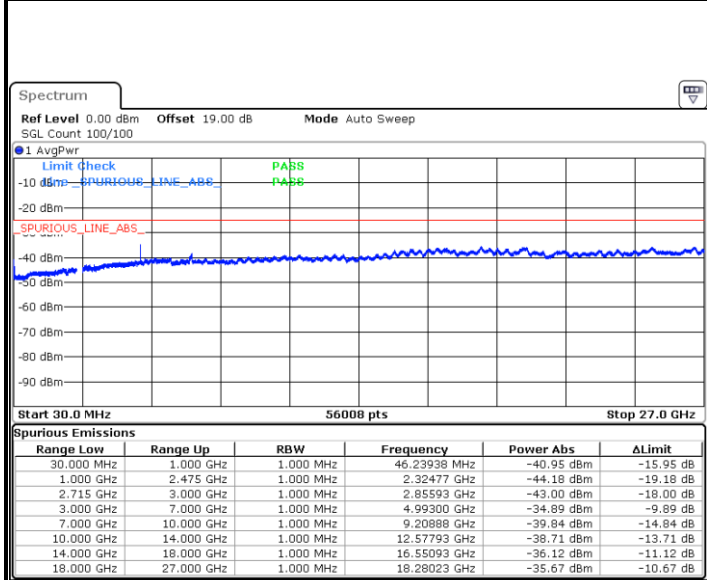
Date: 30.APR.2020 23:55:18

Date: 30.APR.2020 23:56:28



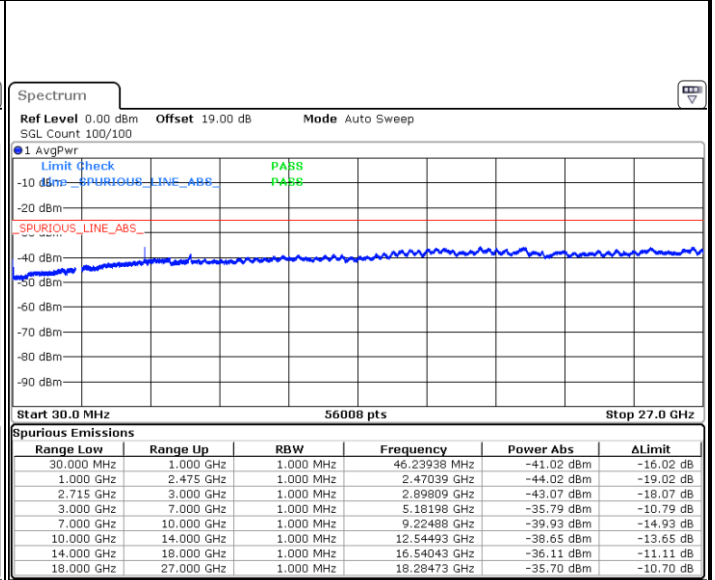
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



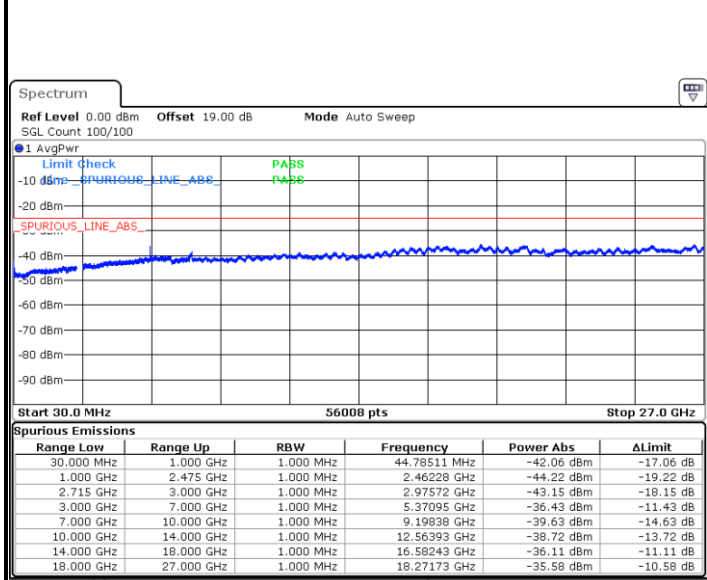
Date: 30.APR.2020 23:26:07

Middle Channel / 64QAM



Date: 30.APR.2020 23:27:17

Highest Channel / 64QAM



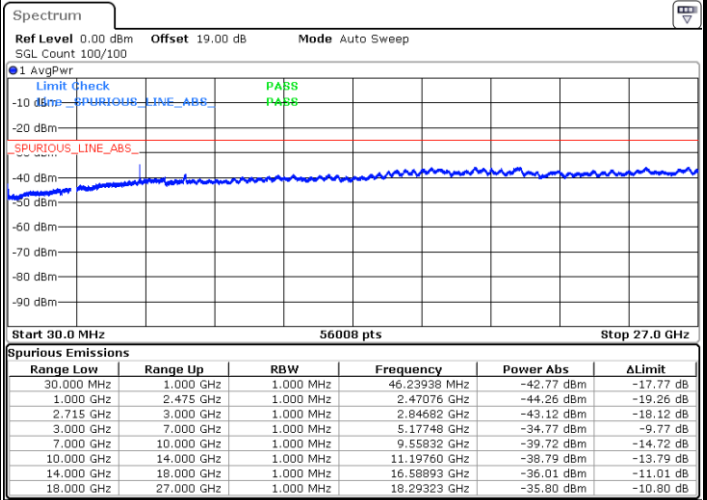
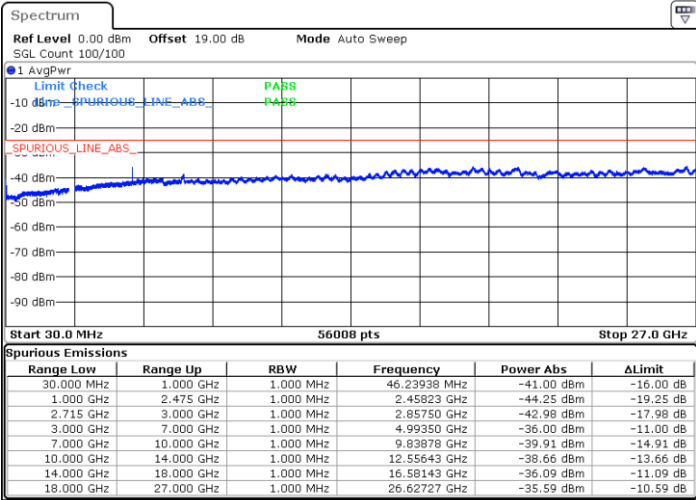
Date: 30.APR.2020 23:28:27



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

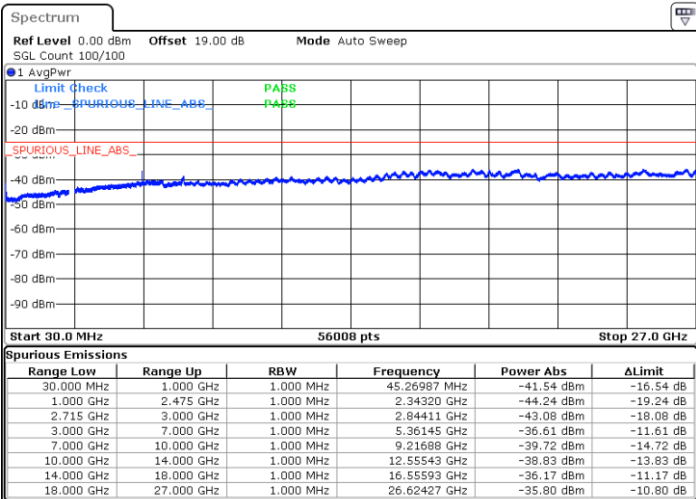
Middle Channel / 64QAM



Date: 30.APR.2020 23:29:37

Date: 30.APR.2020 23:30:47

Highest Channel / 64QAM



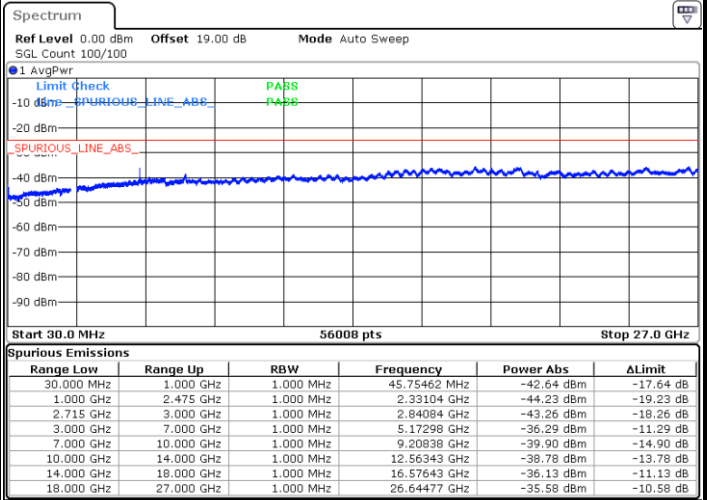
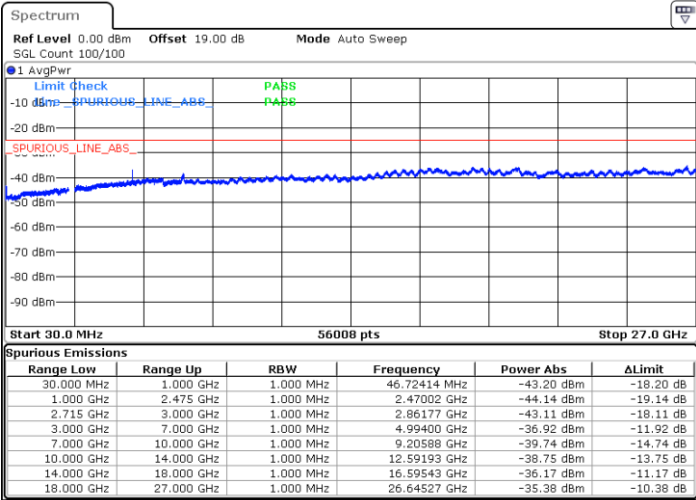
Date: 30.APR.2020 23:31:57



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

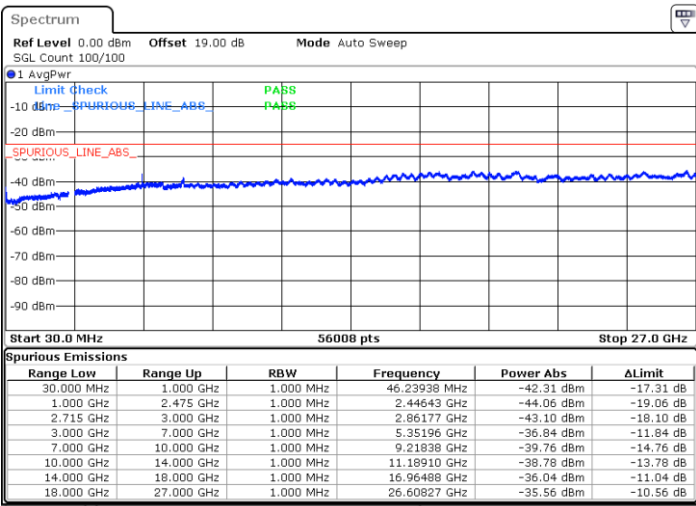
Middle Channel / 64QAM



Date: 30.APR.2020 23:47:07

Date: 30.APR.2020 23:48:17

Highest Channel / 64QAM



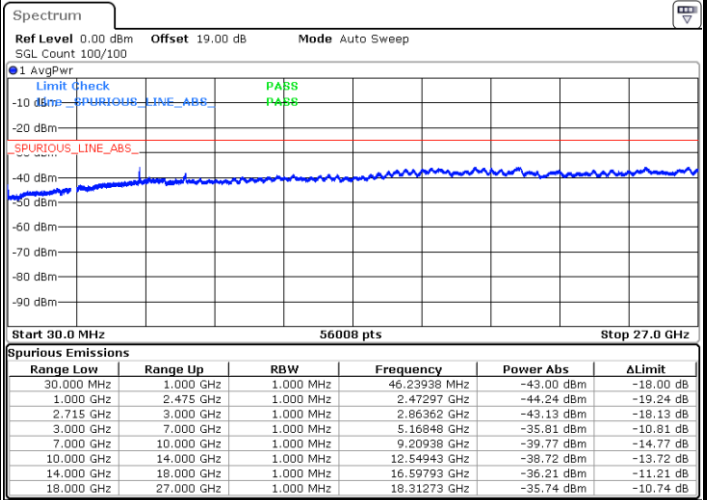
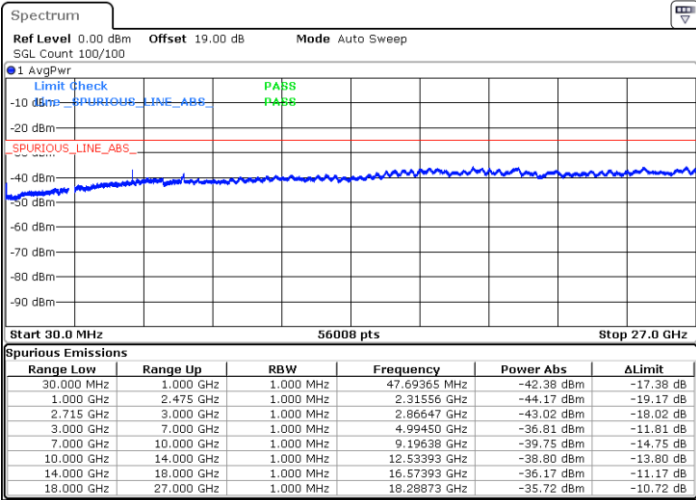
Date: 30.APR.2020 23:49:27



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

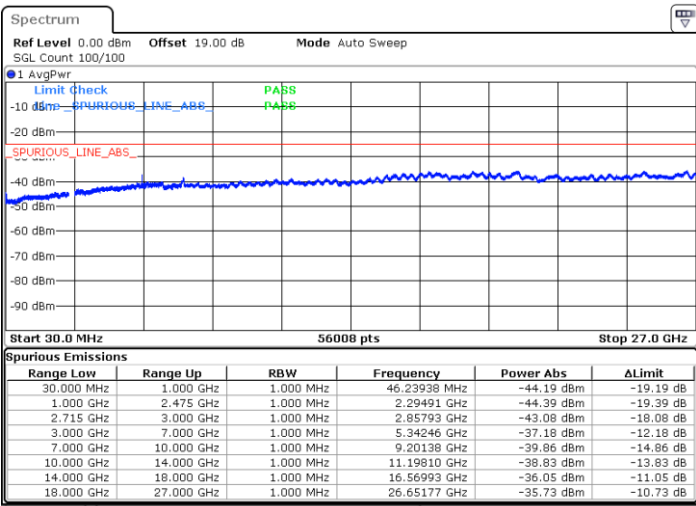
Middle Channel / 64QAM



Date: 30.APR.2020 23:57:38

Date: 30.APR.2020 23:58:48

Highest Channel / 64QAM



Date: 30.APR.2020 23:59:58



Frequency Stability

| Test Conditions | | LTE Band 41 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0003 | |
| 30 | Normal Voltage | 0.0007 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0003 | |
| 0 | Normal Voltage | 0.0016 | |
| -10 | Normal Voltage | 0.0003 | |
| -20 | Normal Voltage | 0.0001 | |
| -30 | Normal Voltage | 0.0005 | |
| 20 | Maximum Voltage | 0.0017 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0014 | |

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.87 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|------------|----------------------------|-------------|-------------|-------------|
| QPSK | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 30.03 | 25.52 | 30.57 | 34.76 |
| Middle CH | 29.79 | 25.38 | 30.51 | 34.69 |
| Highest CH | 29.79 | 25.43 | 30.57 | 34.76 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 30.03 | 34.90 | 40.12 | - |
| Middle CH | 29.91 | 34.83 | 39.80 | - |
| Highest CH | 30.03 | 34.97 | 39.80 | - |

| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|------------|----------------------------|-------------|-------------|-------------|
| 16QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 29.91 | 25.43 | 30.45 | 34.83 |
| Middle CH | 29.91 | 25.33 | 30.69 | 34.90 |
| Highest CH | 29.79 | 25.52 | 30.39 | 34.90 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 30.03 | 34.83 | 39.96 | - |
| Middle CH | 30.03 | 35.04 | 39.88 | - |
| Highest CH | 30.21 | 34.97 | 39.80 | - |

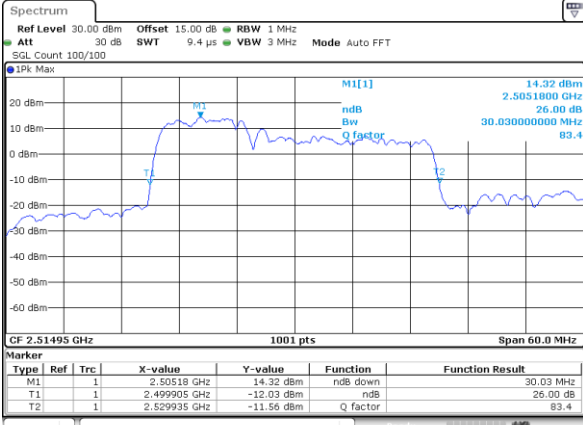
| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|------------|----------------------------|-------------|-------------|-------------|
| 64QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 29.73 | 25.57 | 30.57 | 34.69 |
| Middle CH | 29.73 | 25.33 | 30.51 | 34.76 |
| Highest CH | 29.91 | 25.48 | 30.57 | 34.90 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 29.97 | 34.97 | 39.96 | - |
| Middle CH | 30.21 | 34.83 | 39.80 | - |
| Highest CH | 29.91 | 35.11 | 40.04 | - |



LTE Band 7C

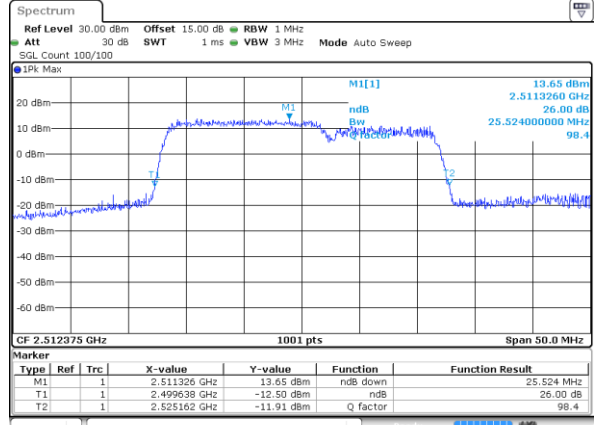
QPSK

Lowest Channel / 10MHz+20MHz



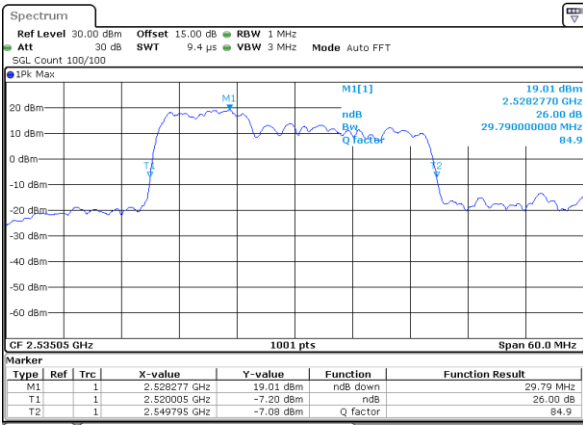
Date: 5.MAY.2020 13:55:31

Lowest Channel / 15MHz+10MHz



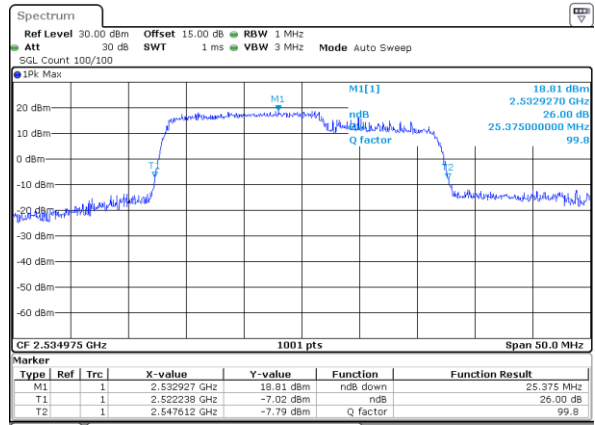
Date: 5.MAY.2020 01:54:43

Middle Channel / 10MHz+20MHz



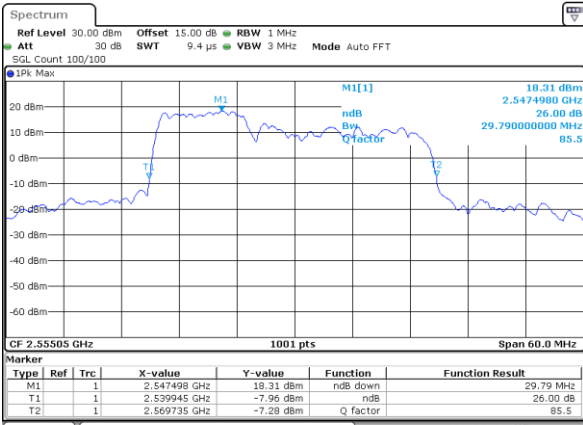
Date: 5.MAY.2020 14:19:37

Middle Channel / 15MHz+10MHz



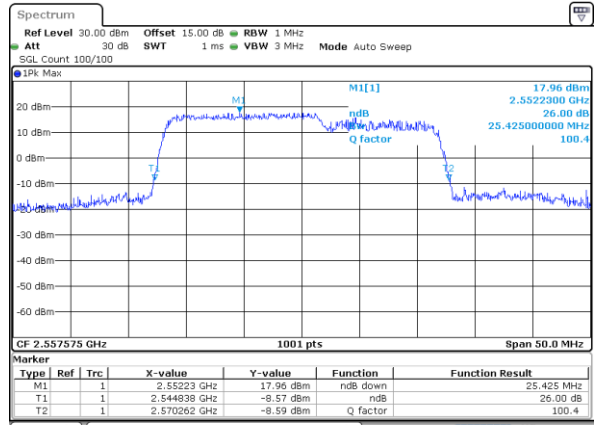
Date: 5.MAY.2020 01:51:39

Highest Channel / 10MHz+20MHz



Date: 5.MAY.2020 14:22:35

Highest Channel / 15MHz+10MHz



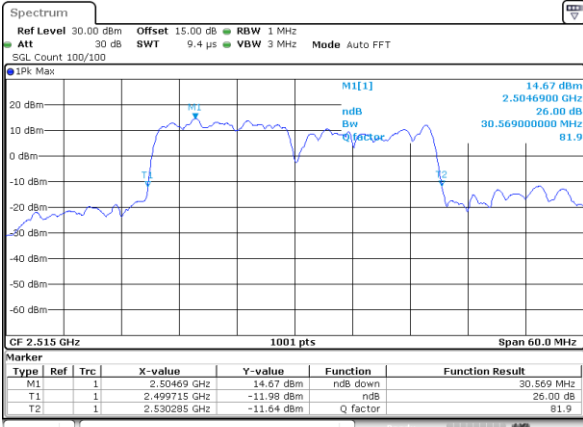
Date: 5.MAY.2020 01:09:17



LTE Band 7C

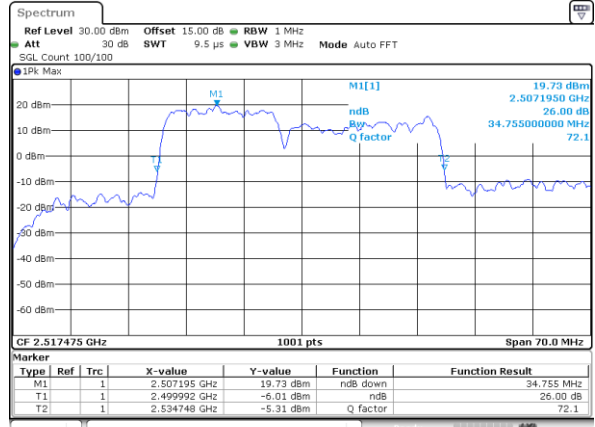
QPSK

Lowest Channel / 15MHz+15MHz



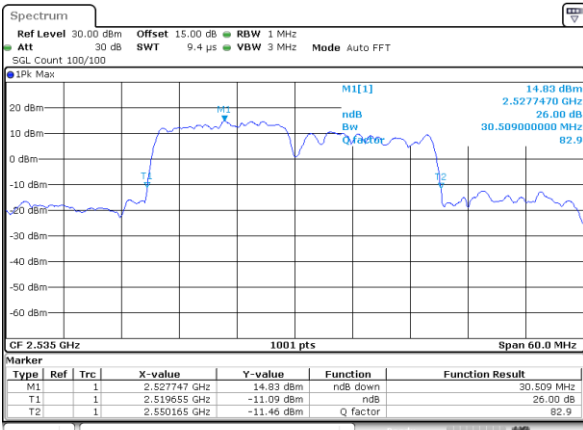
Date: 5.MAY.2020 10:45:11

Lowest Channel / 15MHz+20MHz



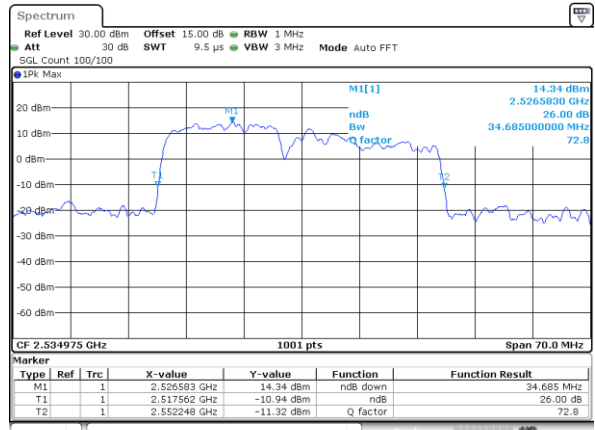
Date: 5.MAY.2020 09:40:36

Middle Channel / 15MHz+15MHz



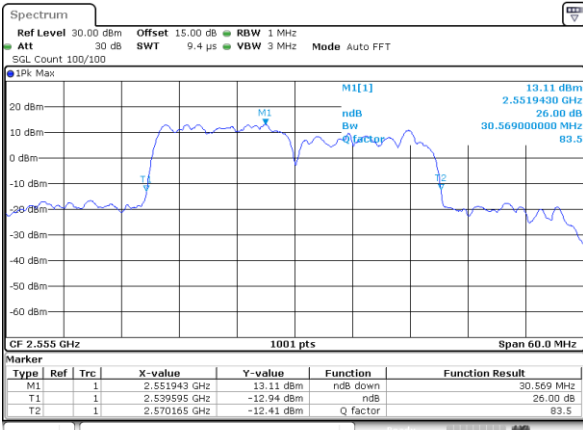
Date: 5.MAY.2020 11:43:41

Middle Channel / 15MHz+20MHz



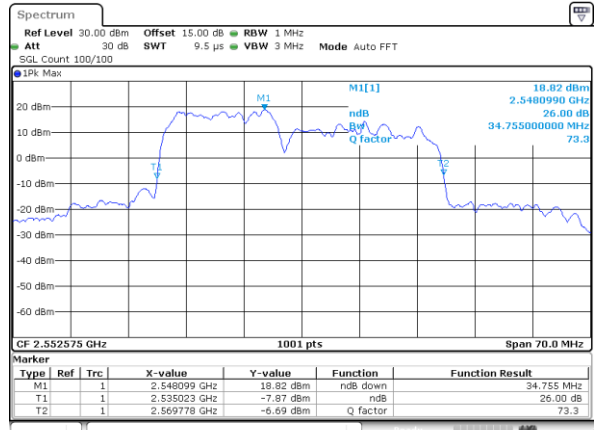
Date: 5.MAY.2020 10:20:25

Highest Channel / 15MHz+15MHz



Date: 5.MAY.2020 12:37:30

Highest Channel / 15MHz+20MHz



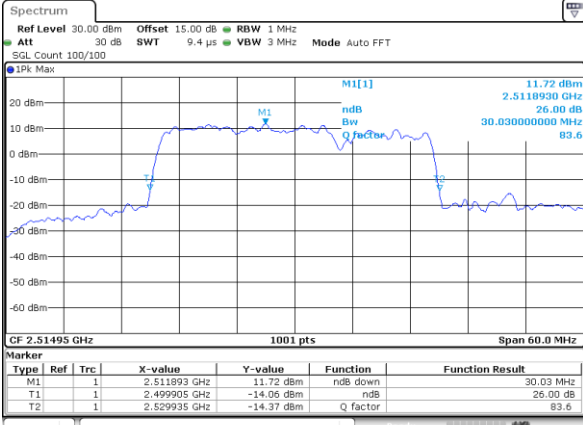
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LTE Band 7C

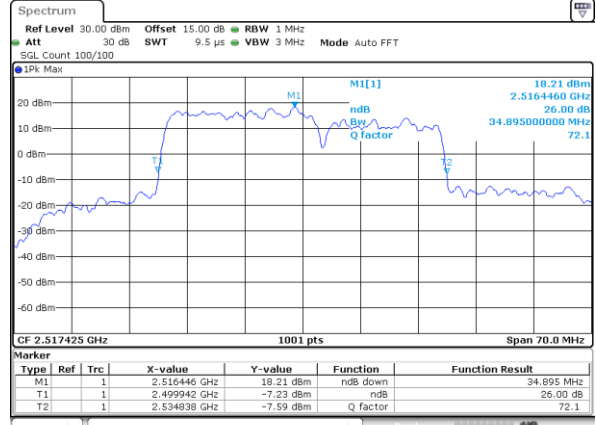
QPSK

Lowest Channel / 20MHz+10MHz



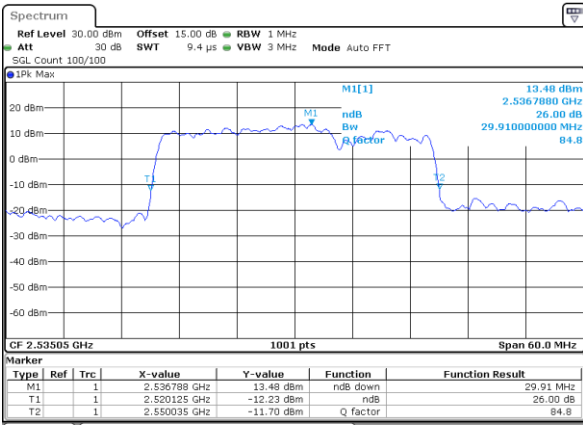
Date: 5.MAY.2020 12:53:46

Lowest Channel / 20MHz+15MHz



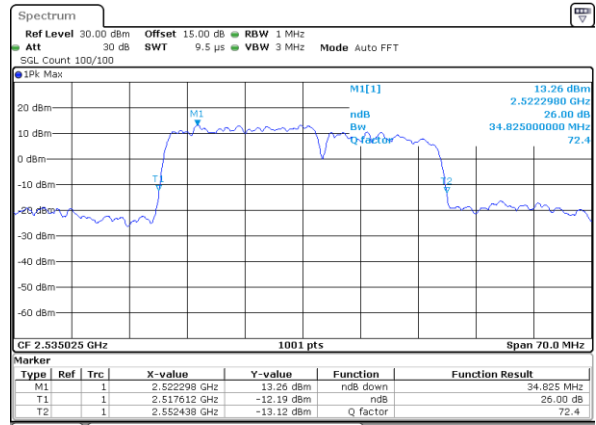
Date: 5.MAY.2020 08:25:45

Middle Channel / 20MHz+10MHz



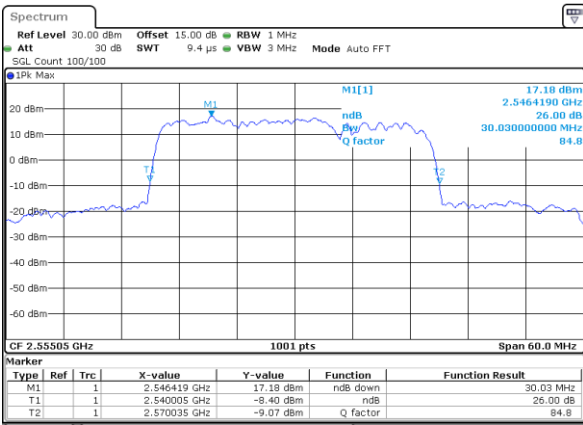
Date: 5.MAY.2020 13:12:09

Middle Channel / 20MHz+15MHz



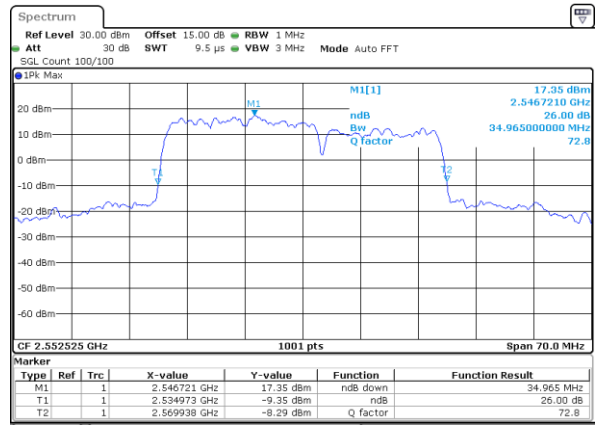
Date: 5.MAY.2020 09:15:07

Highest Channel / 20MHz+10MHz



Date: 5.MAY.2020 13:21:46

Highest Channel / 20MHz+15MHz



Date: 5.MAY.2020 09:20:30

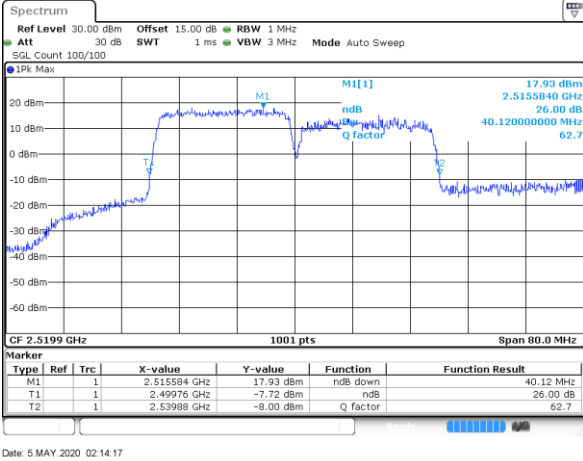


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

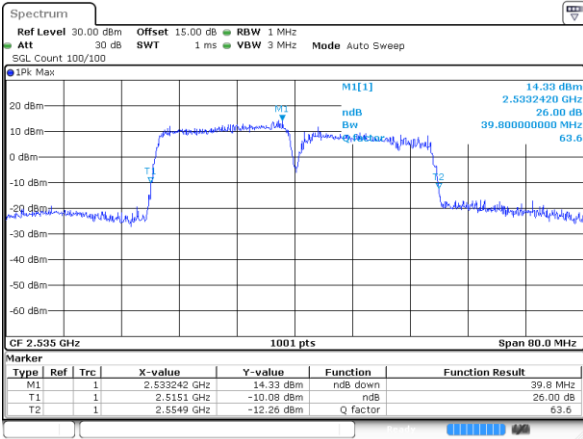
N/A



Date: 5 MAY 2020 02:14:17

Middle Channel / 20MHz+20MHz

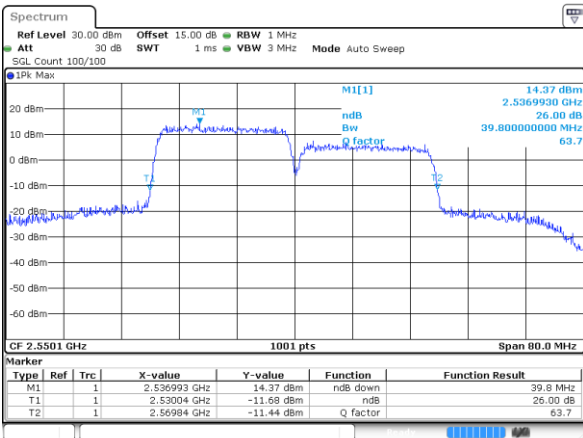
N/A



Date: 5 MAY 2020 02:56:06

Highest Channel / 20MHz+20MHz

N/A



Date: 5 MAY 2020 02:58:06