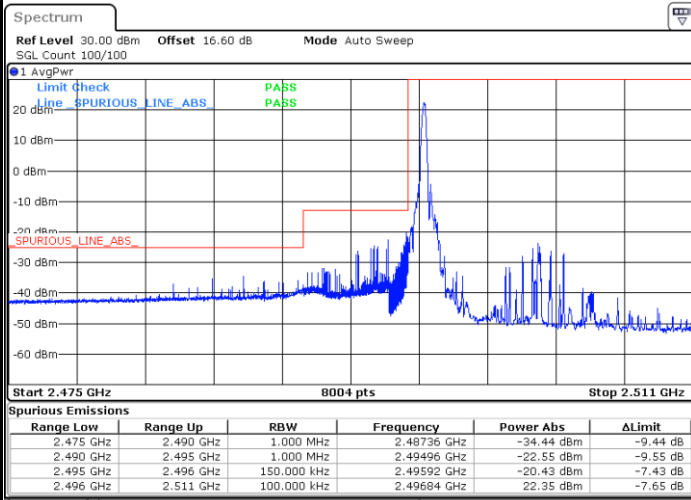




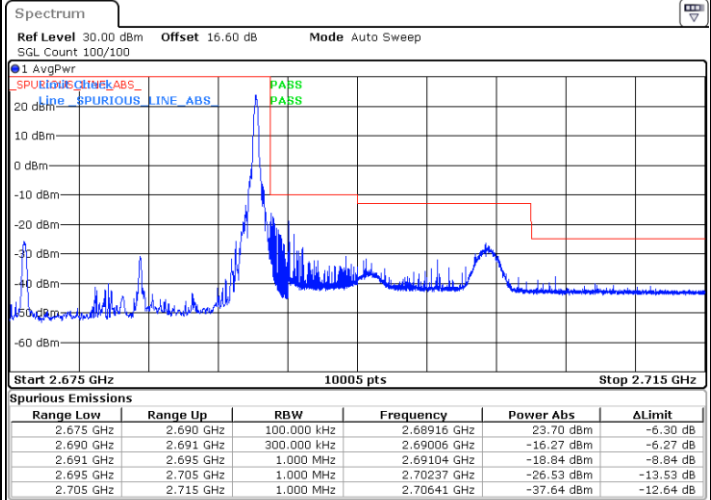
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



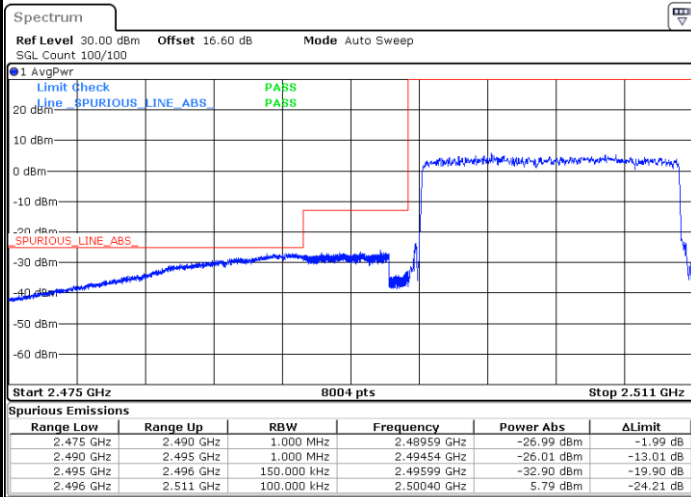
Date: 15.JUL.2020 14:17:32

Highest Band Edge / 1 RB



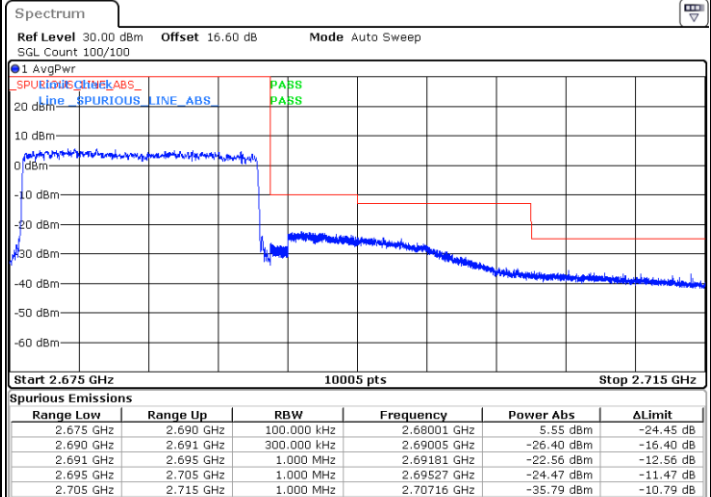
Date: 15.JUL.2020 14:21:39

Lowest Band Edge / Full RB



Date: 15.JUL.2020 14:19:36

Highest Band Edge / Full RB



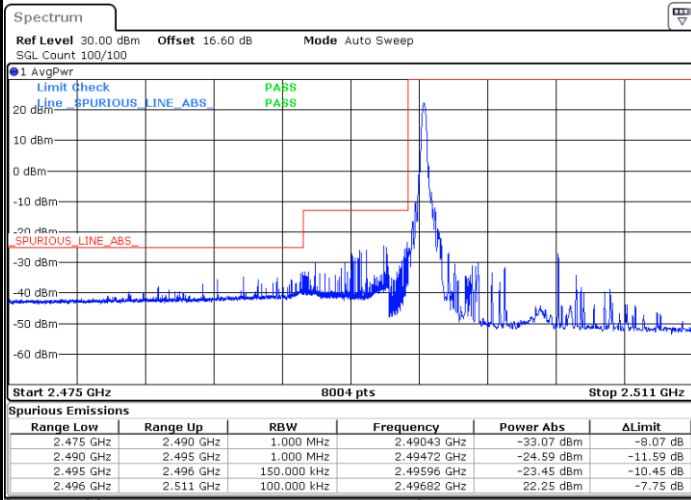
Date: 15.JUL.2020 14:23:43



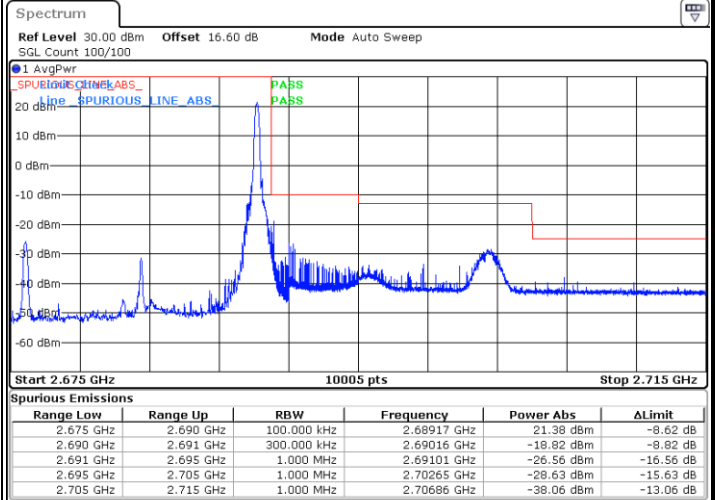
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 15.JUL.2020 14:41:15



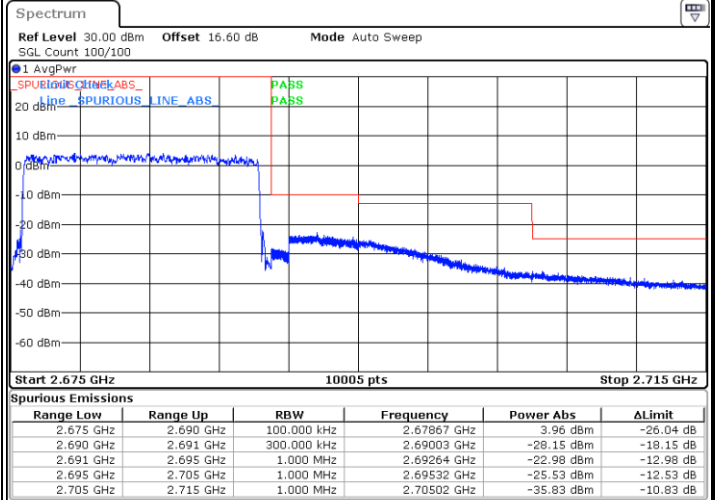
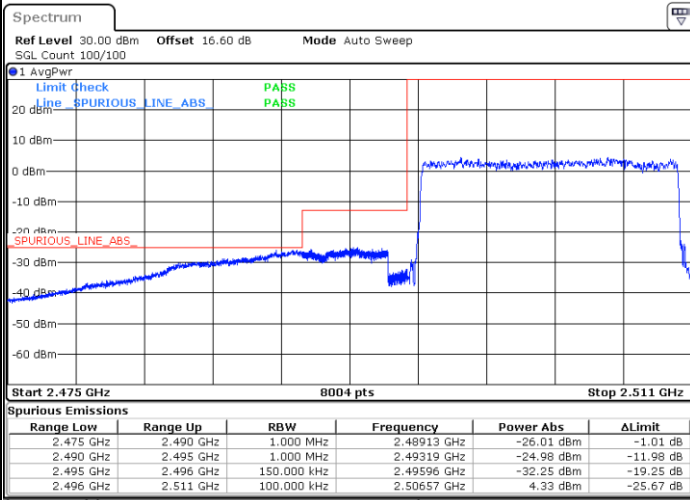
Date: 15.JUL.2020 14:43:18



LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB

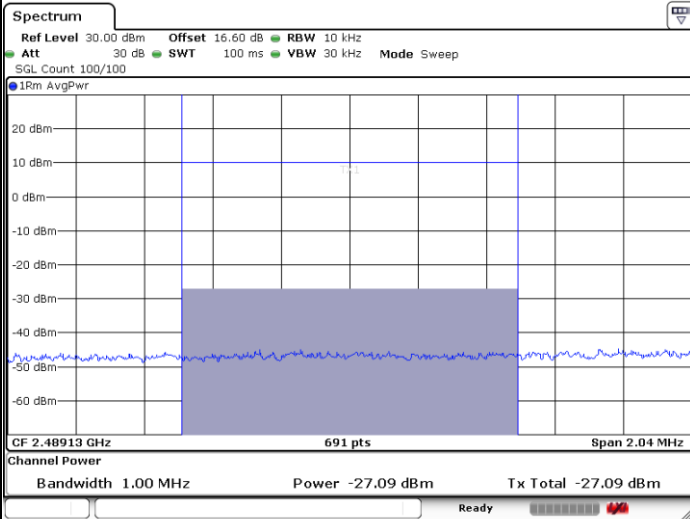
Highest Band Edge / Full RB



Date: 15.JUL.2020 14:42:17

Date: 15.JUL.2020 14:44:20

Channel Power -27.09dBm < -25dBm (Pass)

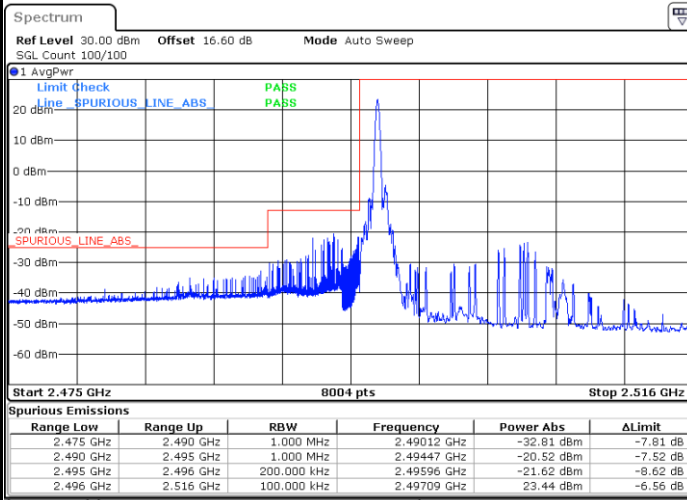


Date: 15.JUL.2020 20:48:24



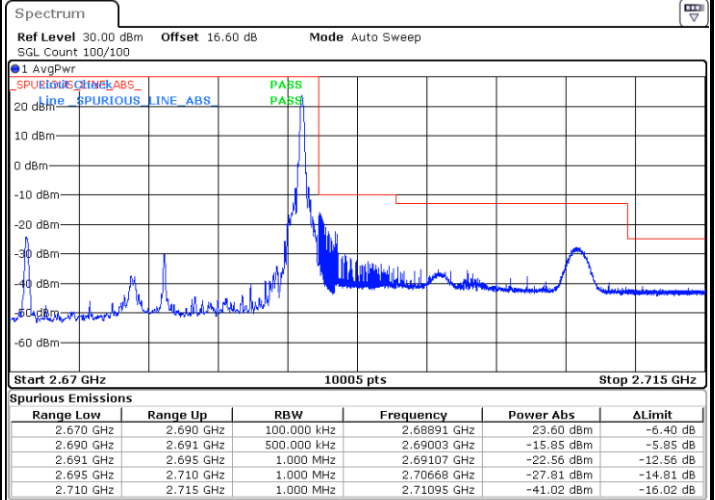
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



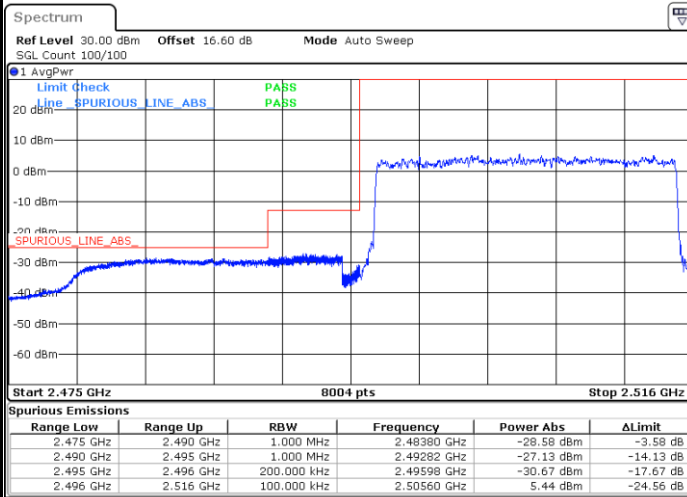
Date: 15.JUL.2020 14:24:45

Highest Band Edge / 1 RB



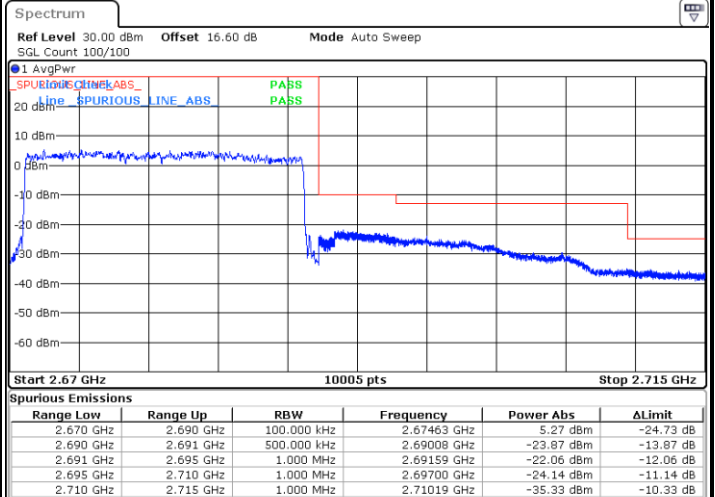
Date: 15.JUL.2020 14:28:52

Lowest Band Edge / Full RB



Date: 15.JUL.2020 14:26:49

Highest Band Edge / Full RB

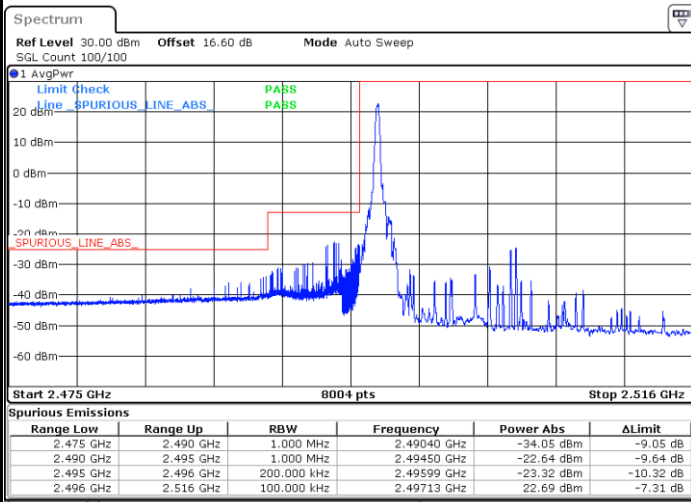


Date: 15.JUL.2020 14:31:57



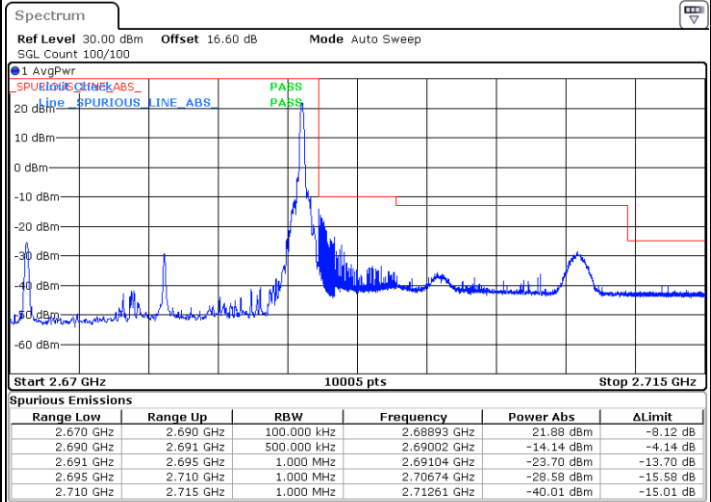
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



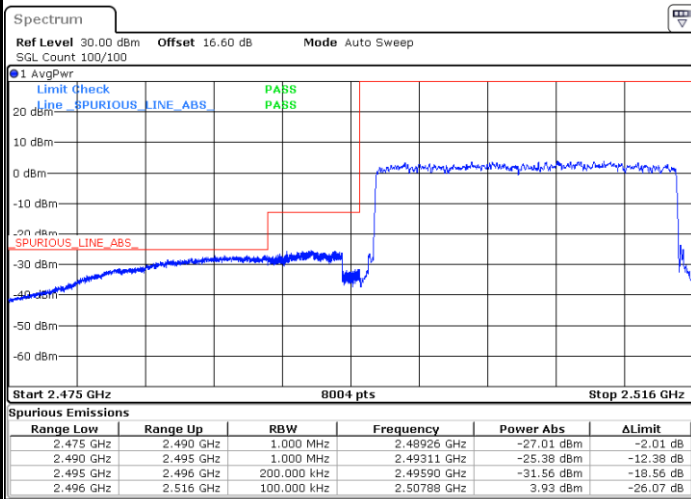
Date: 15.JUL.2020 14:25:47

Highest Band Edge / 1 RB



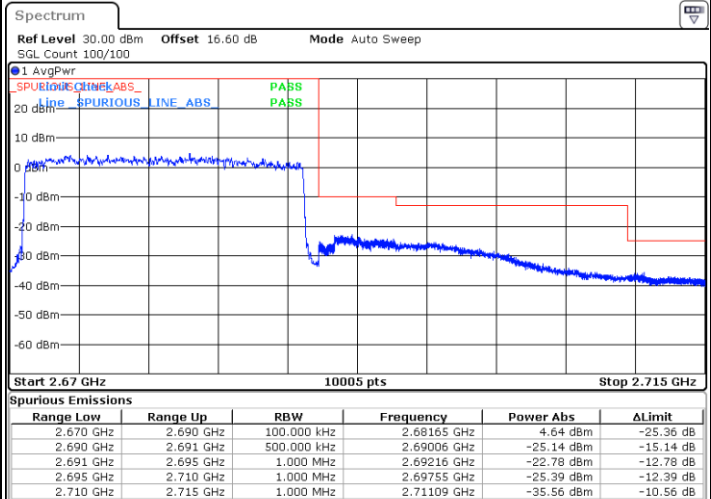
Date: 15.JUL.2020 14:29:53

Lowest Band Edge / Full RB



Date: 15.JUL.2020 14:27:50

Highest Band Edge / Full RB

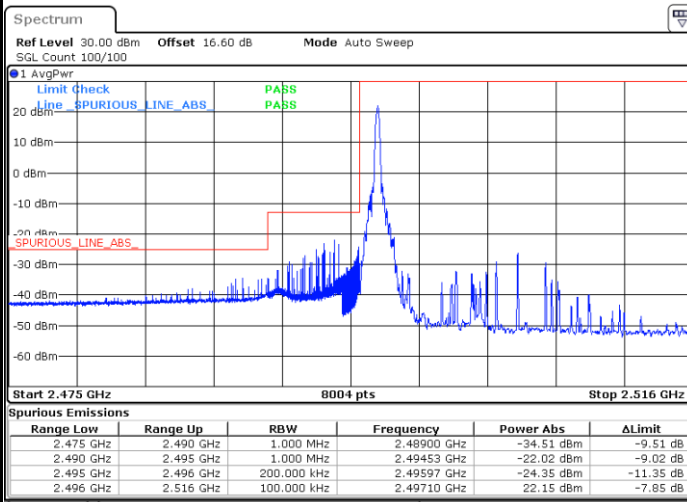


Date: 15.JUL.2020 14:30:55



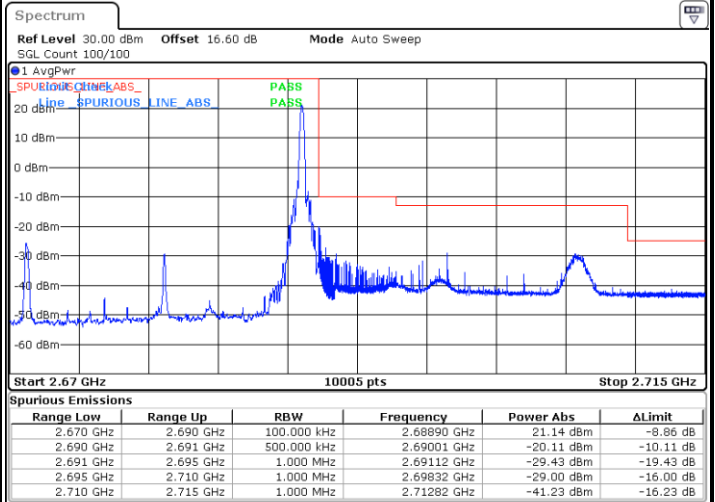
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



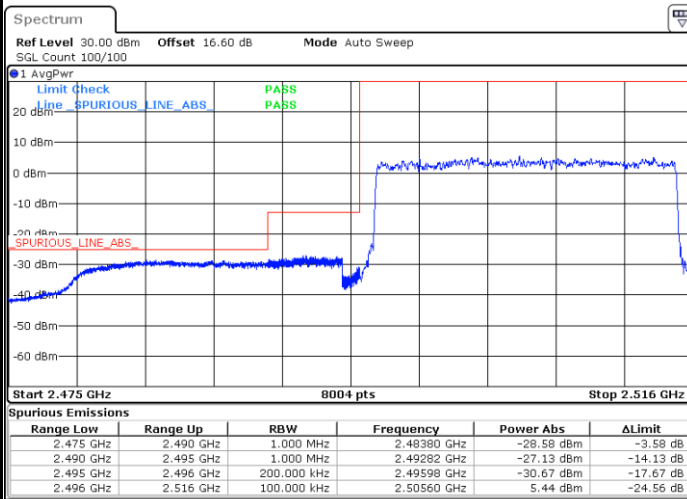
Date: 15.JUL.2020 14:45:22

Highest Band Edge / 1 RB



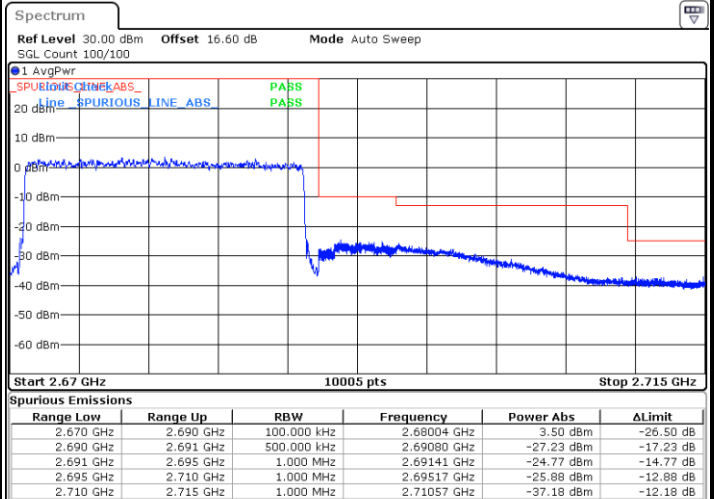
Date: 15.JUL.2020 14:47:25

Lowest Band Edge / Full RB



Date: 15.JUL.2020 14:26:49

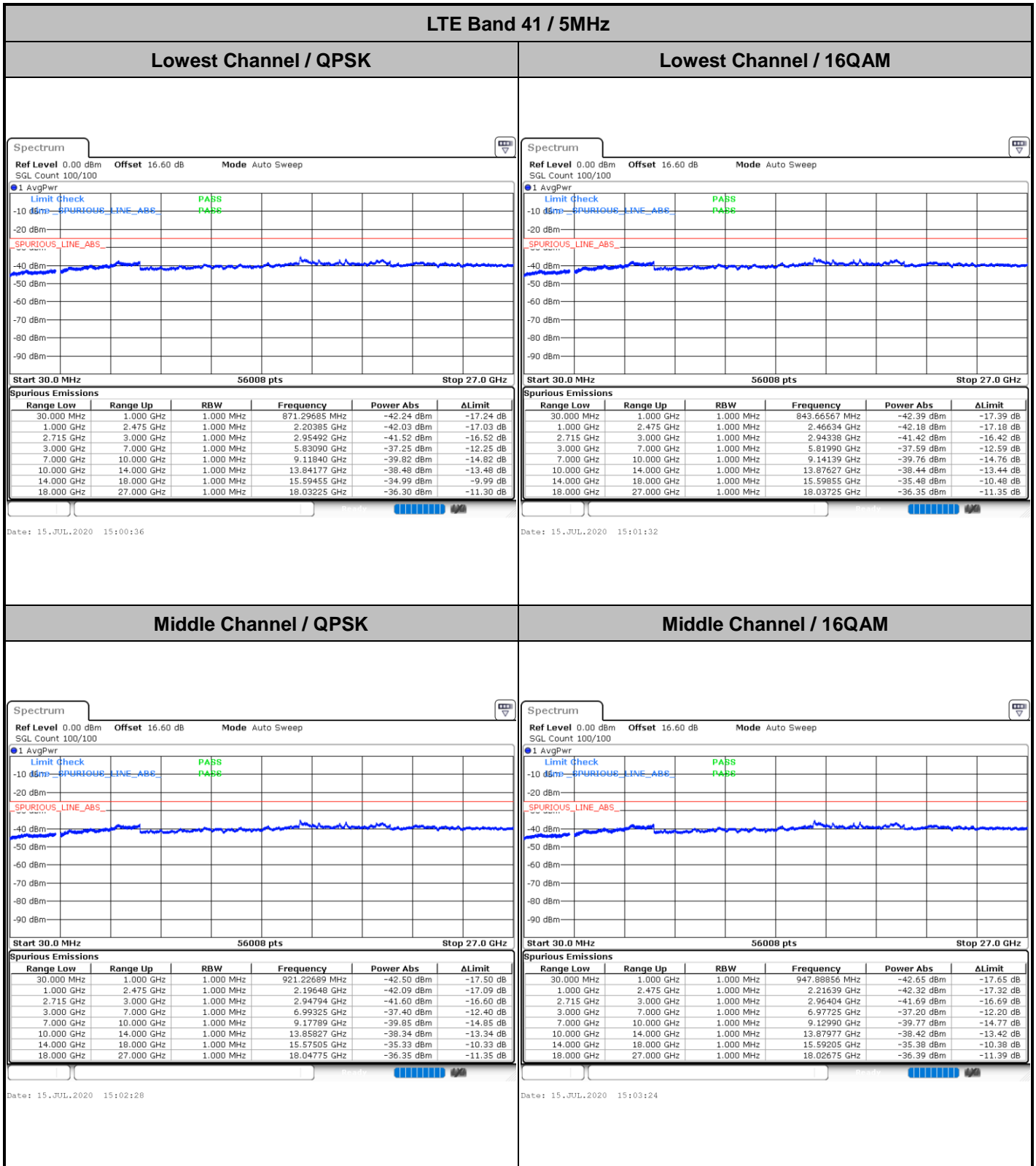
Highest Band Edge / Full RB



Date: 15.JUL.2020 14:48:27



Conducted Spurious Emission

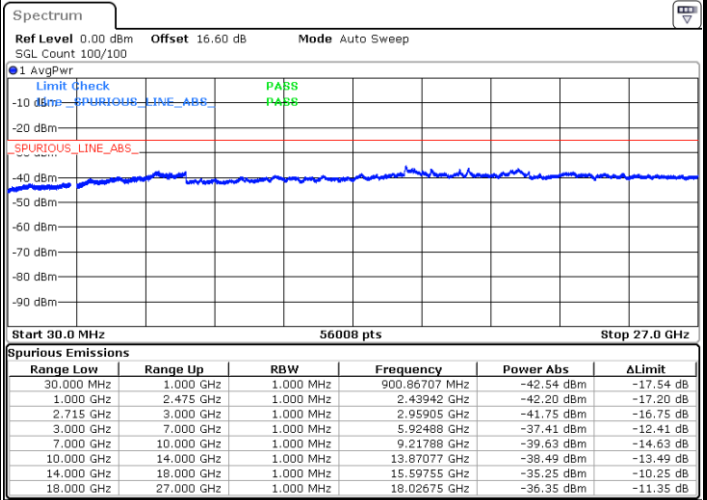
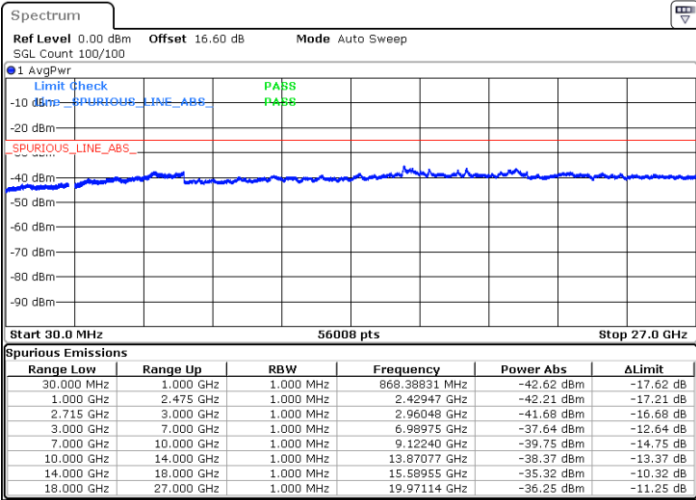




LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



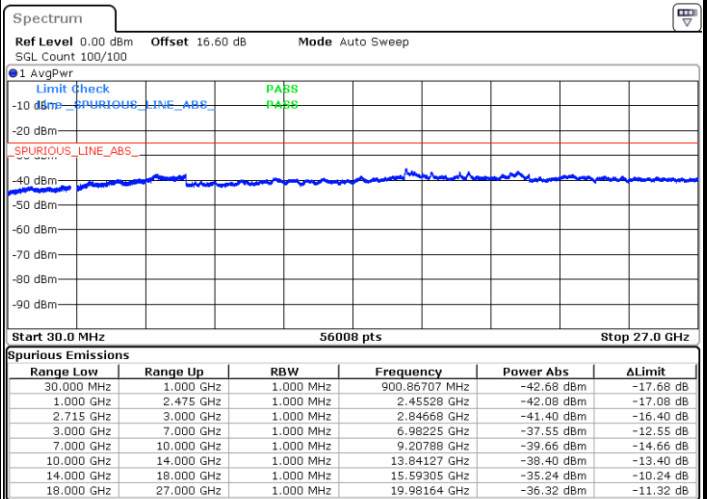
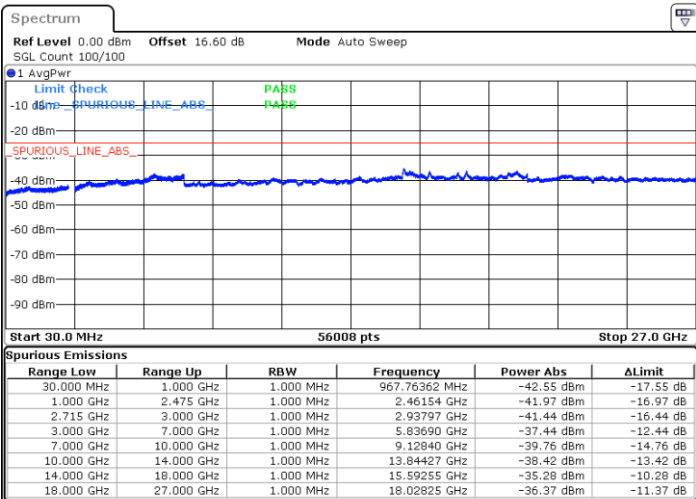
Date: 15.JUL.2020 15:04:20

Date: 15.JUL.2020 15:05:16

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 15.JUL.2020 15:06:13

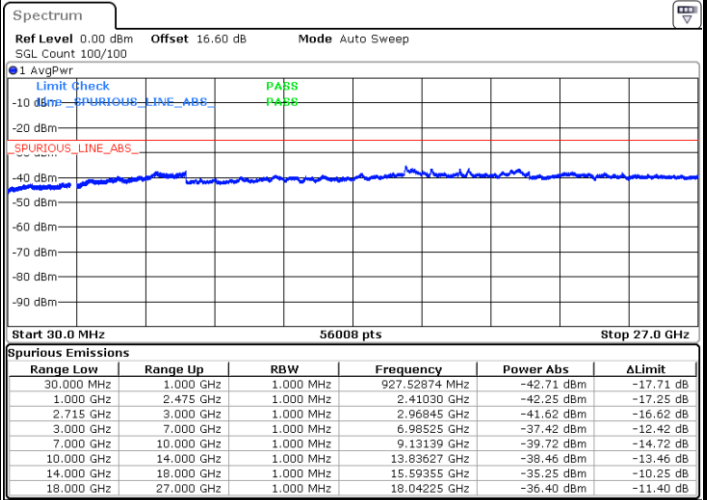
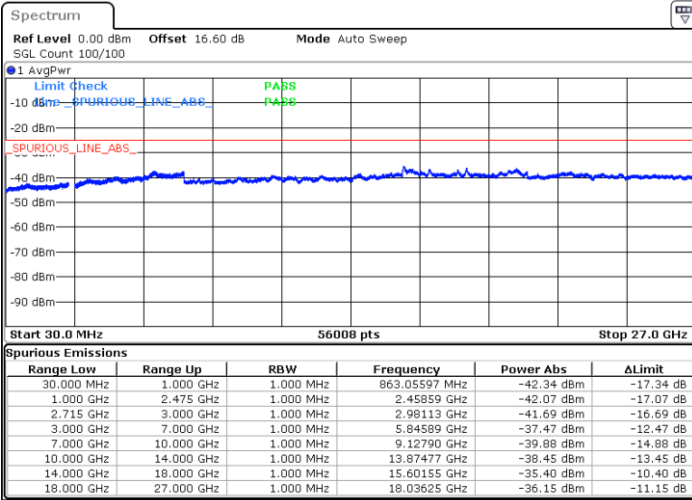
Date: 15.JUL.2020 15:07:09



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

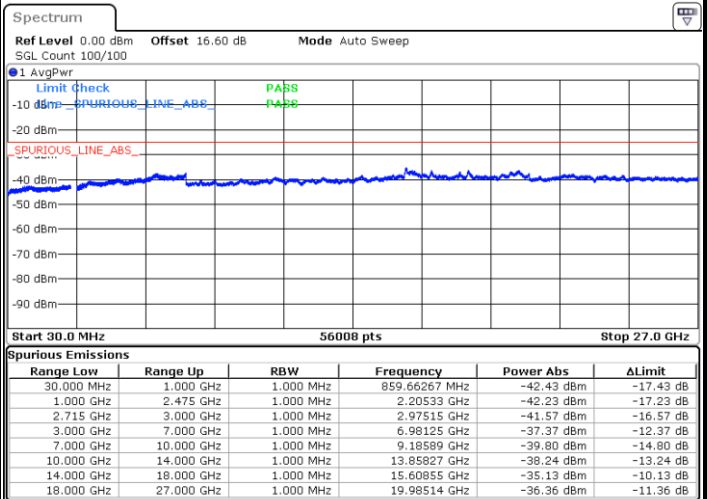
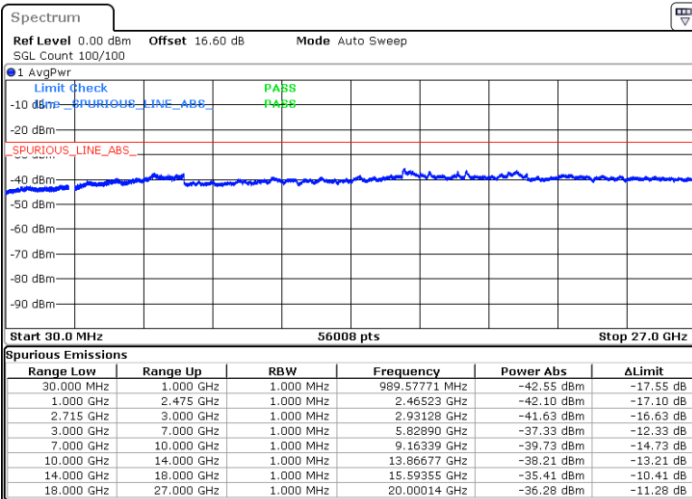


Date: 15.JUL.2020 15:08:05

Date: 15.JUL.2020 15:09:01

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 15.JUL.2020 15:09:57

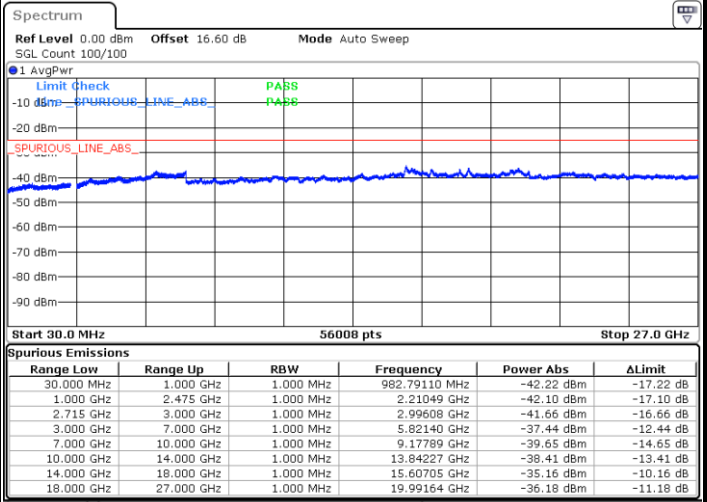
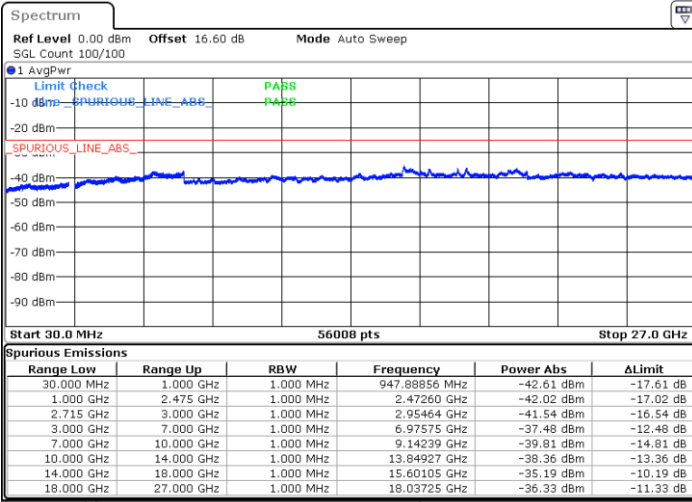
Date: 15.JUL.2020 15:10:53



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

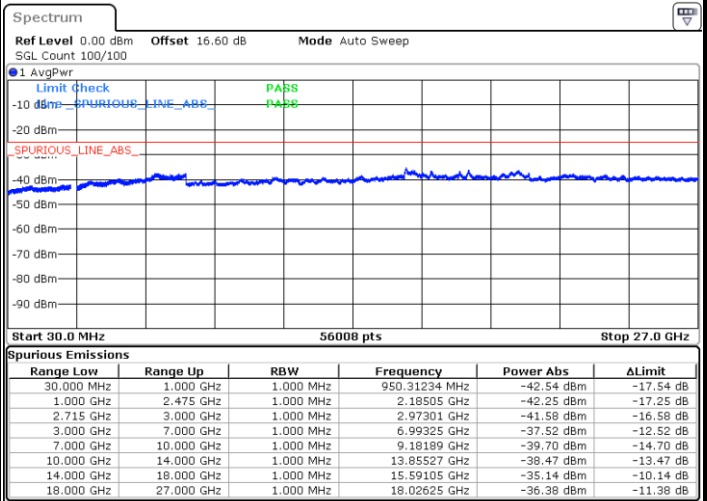
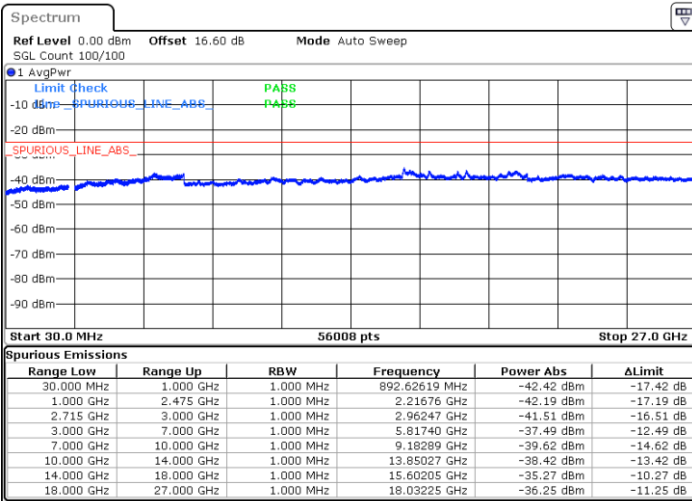


Date: 15.JUL.2020 15:11:50

Date: 15.JUL.2020 15:12:46

Middle Channel / QPSK

Middle Channel / 16QAM



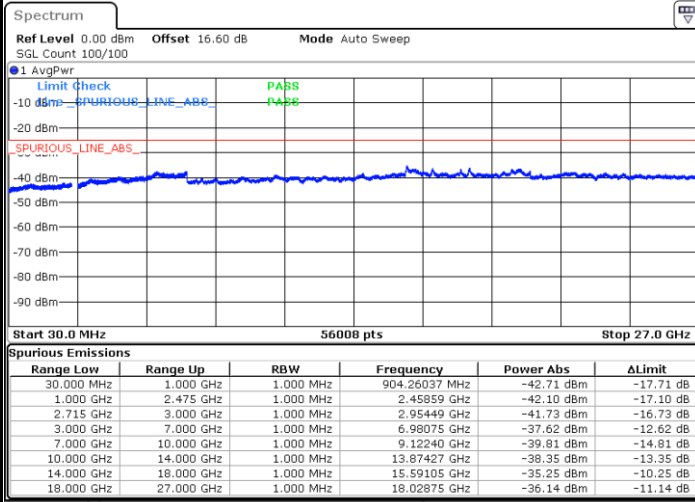
Date: 15.JUL.2020 15:13:42

Date: 15.JUL.2020 15:14:38



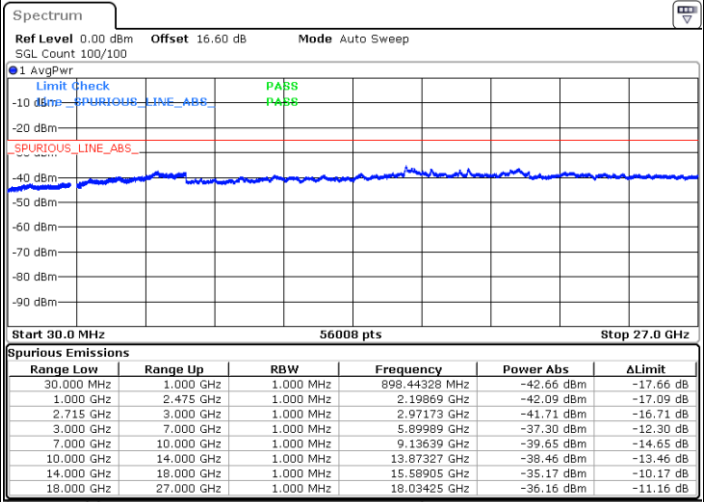
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 15.JUL.2020 15:15:34

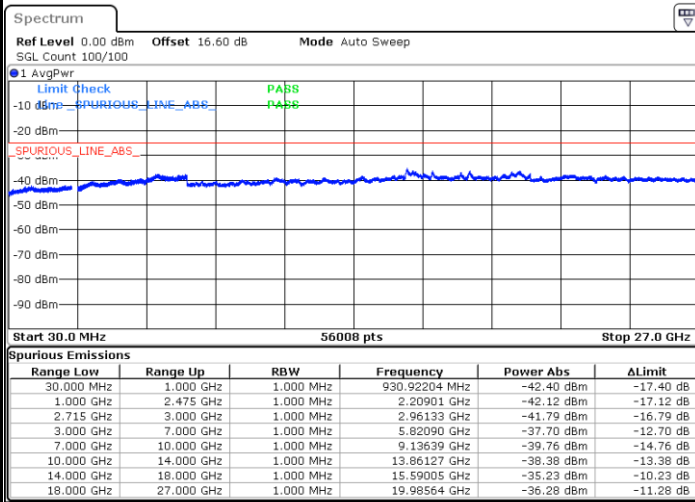
Highest Channel / 16QAM



Date: 15.JUL.2020 15:16:30

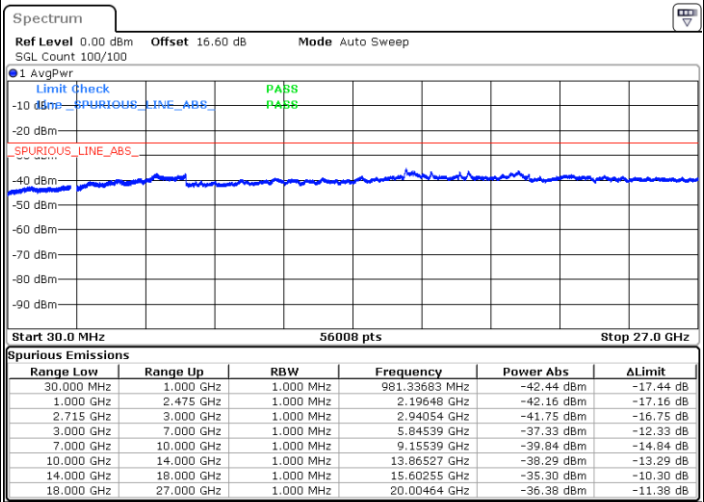
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 15.JUL.2020 15:17:27

Lowest Channel / 16QAM



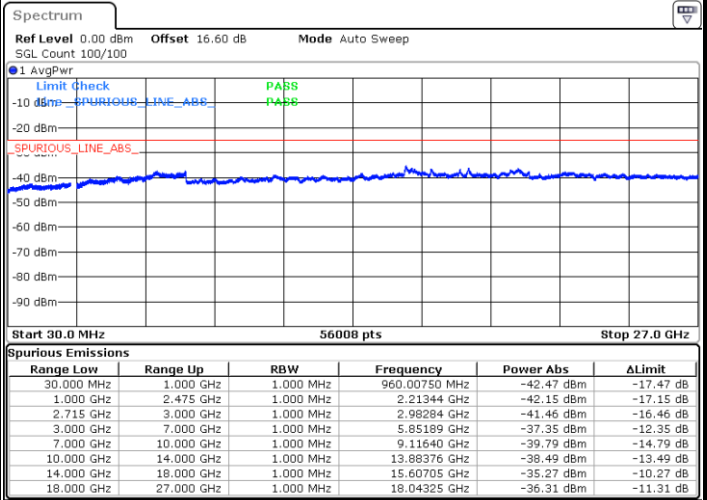
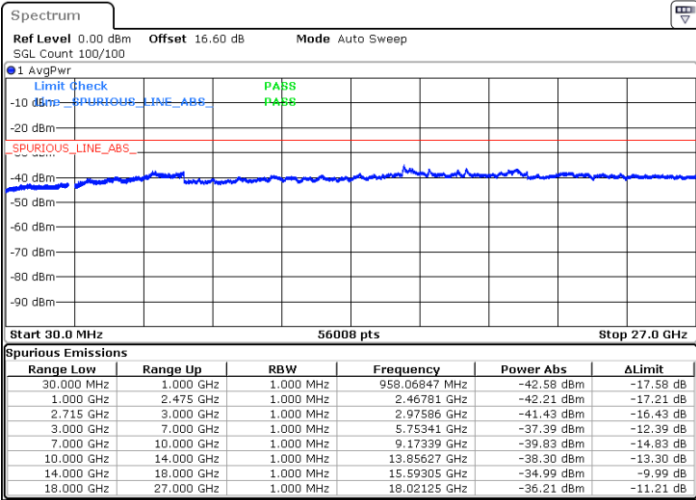
Date: 15.JUL.2020 15:18:23



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

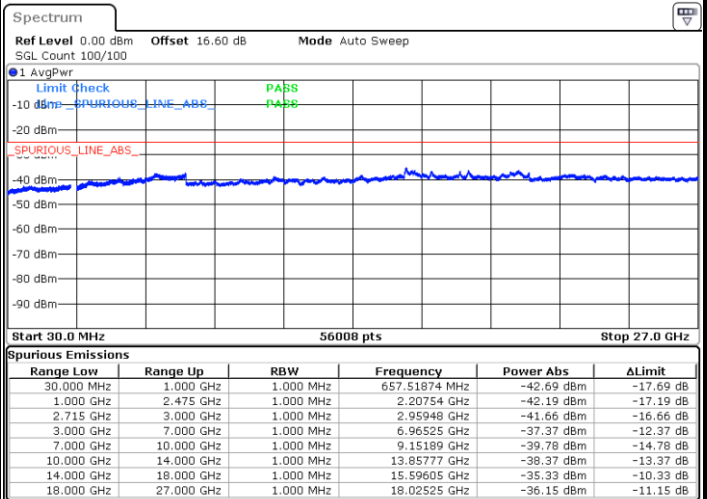
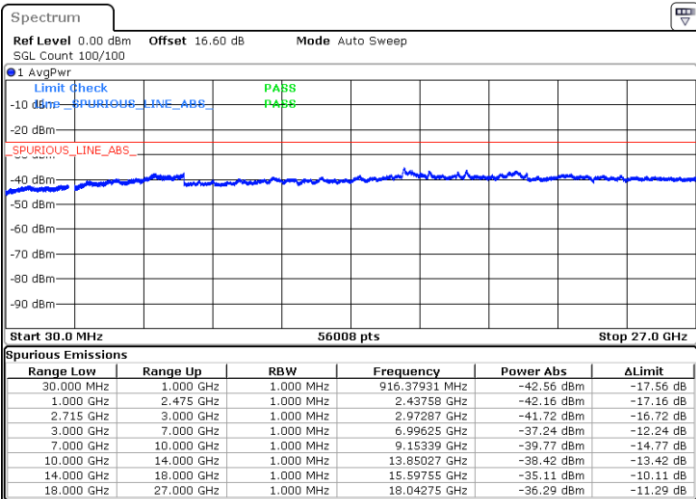


Date: 15.JUL.2020 15:19:19

Date: 15.JUL.2020 15:20:14

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 15.JUL.2020 15:21:10

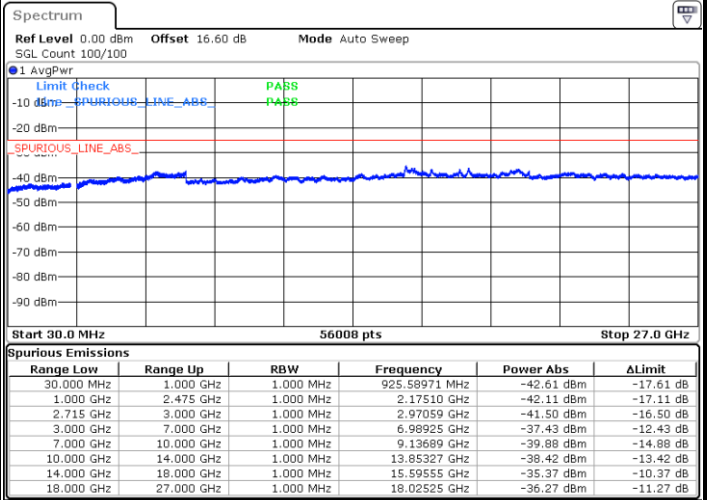
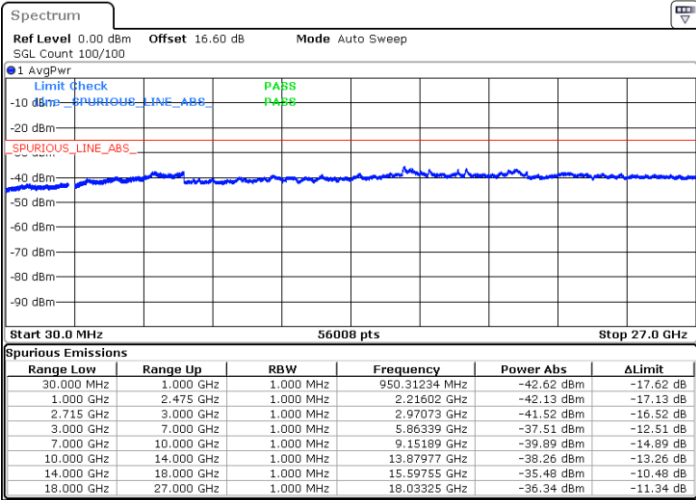
Date: 15.JUL.2020 15:22:07



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

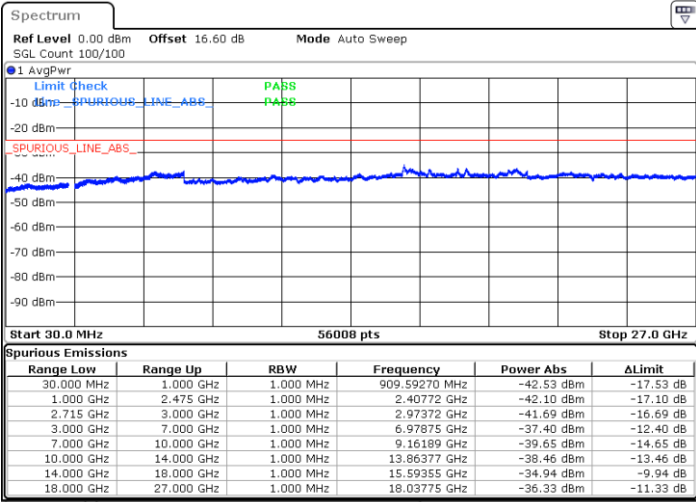
Middle Channel / 64QAM



Date: 15.JUL.2020 14:49:20

Date: 15.JUL.2020 14:50:16

Highest Channel / 64QAM



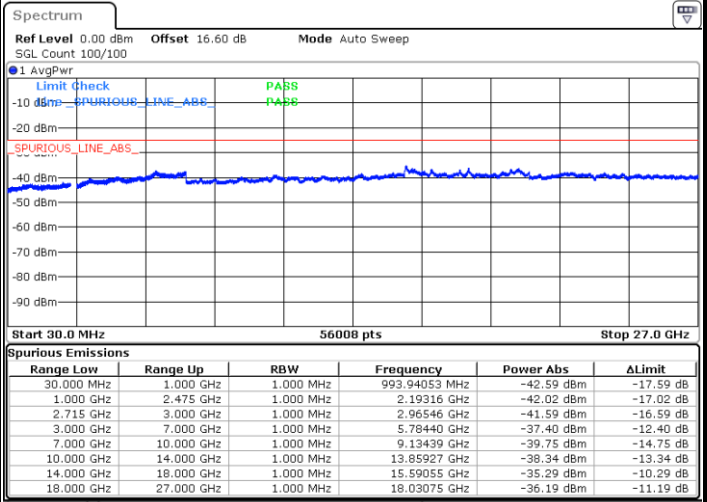
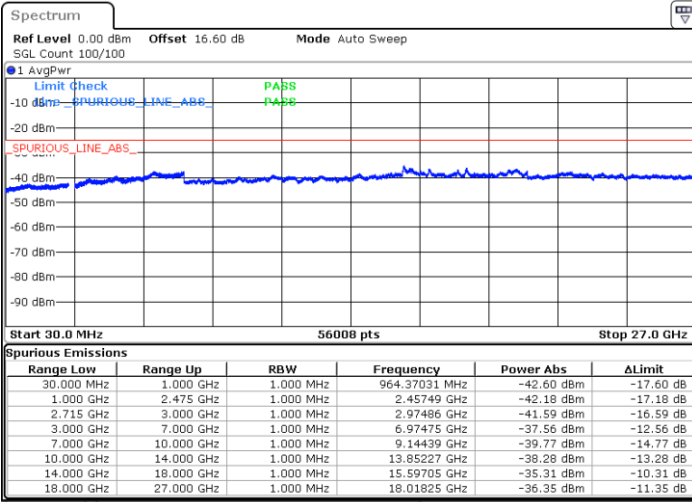
Date: 15.JUL.2020 14:51:12



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

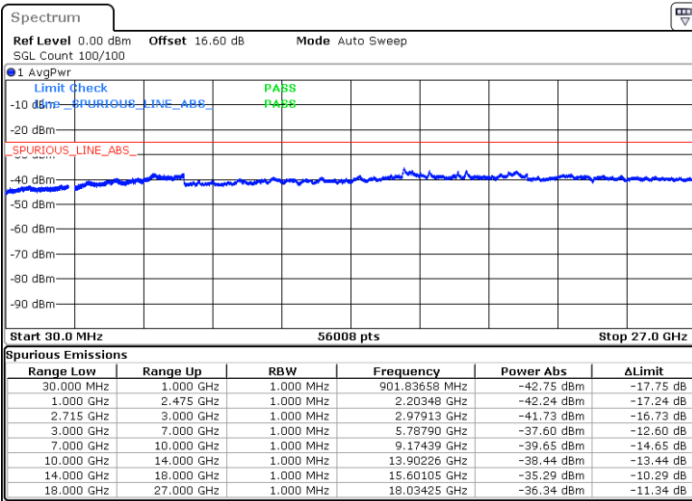
Middle Channel / 64QAM



Date: 15.JUL.2020 14:52:09

Date: 15.JUL.2020 14:53:05

Highest Channel / 64QAM



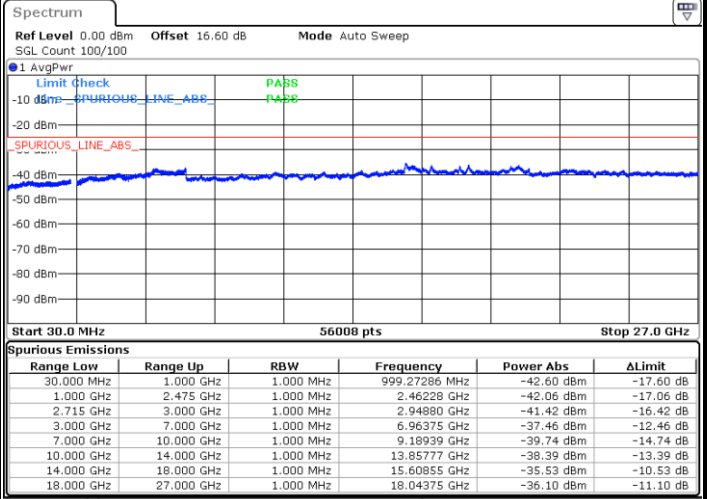
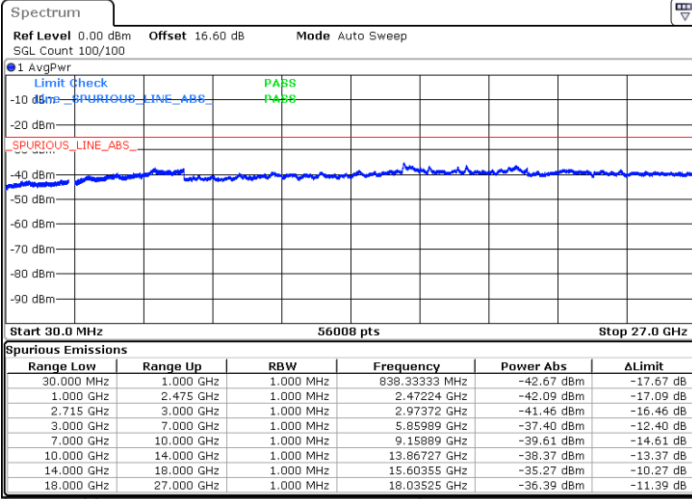
Date: 15.JUL.2020 14:54:01



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

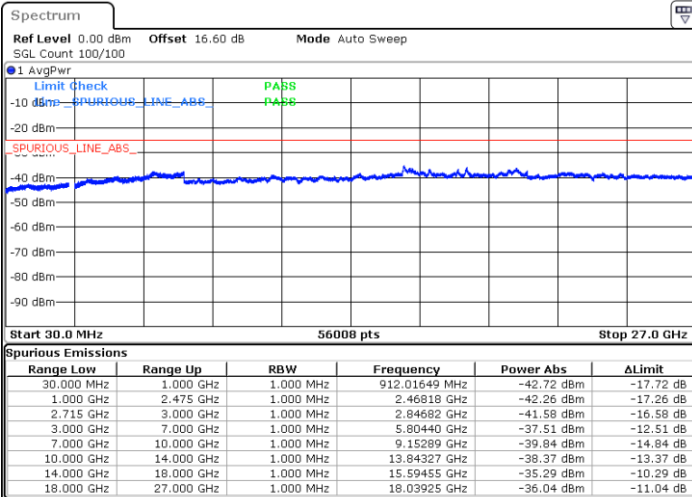
Middle Channel / 64QAM



Date: 15.JUL.2020 14:54:58

Date: 15.JUL.2020 14:55:55

Highest Channel / 64QAM



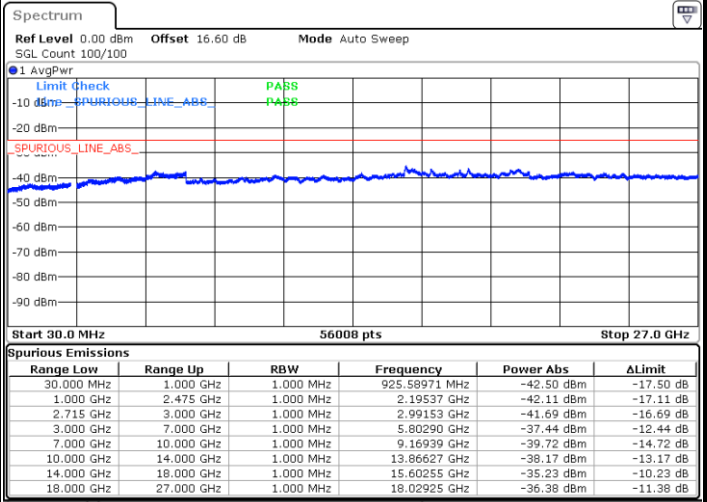
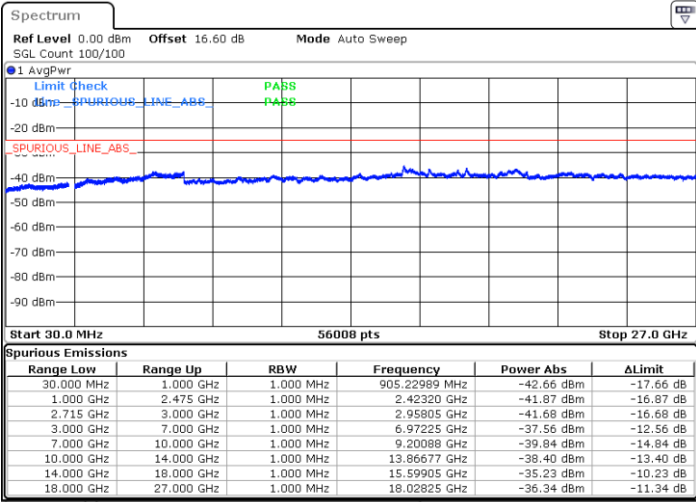
Date: 15.JUL.2020 14:56:51



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

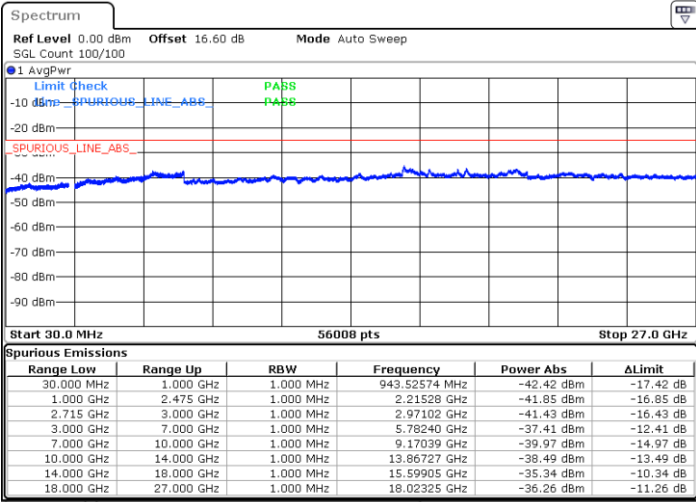
Middle Channel / 64QAM



Date: 15.JUL.2020 14:57:47

Date: 15.JUL.2020 14:58:43

Highest Channel / 64QAM



Date: 15.JUL.2020 14:59:39



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 | 0.0004 | PASS |
| 40 | Normal Voltage | 0.0001 | |
| 30 | Normal Voltage | 0.0040 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0002 | |
| 0 | Normal Voltage | 0.0002 | |
| -10 | Normal Voltage | 0.0006 | |
| -20 | Normal Voltage | 0.0048 | |
| -30 | Normal Voltage | 0.0021 | |
| 20 | Maximum Voltage | 0.0005 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0008 | |

Note:

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



LTE Band 41C

26dB Bandwidth

| Mode | LTE Band 41C : 26dB BW(MHz) | | | | |
|------------|-----------------------------|-------------|-------------|-------------|-------------|
| QPSK | | | | | |
| BW | 5MHz+20MHz | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH | 24.73 | 25.13 | 29.67 | 25.13 | 30.45 |
| Middle CH | 24.78 | 25.23 | 29.79 | 25.08 | 30.51 |
| Highest CH | 24.68 | 24.93 | 29.73 | 25.28 | 30.57 |
| BW | 15MHz+20MHz | 20MHz+5MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH | 34.83 | 24.93 | 29.79 | 34.90 | 39.56 |
| Middle CH | 34.90 | 25.03 | 30.09 | 34.76 | 39.72 |
| Highest CH | 34.90 | 24.88 | 30.21 | 34.90 | 39.80 |

| Mode | LTE Band 41C : 26dB BW(MHz) | | | | |
|------------|-----------------------------|-------------|-------------|-------------|-------------|
| 16QAM | | | | | |
| BW | 5MHz+20MHz | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH | 24.63 | 25.03 | 30.03 | 25.08 | 30.39 |
| Middle CH | 24.58 | 24.98 | 29.91 | 25.08 | 30.39 |
| Highest CH | 24.73 | 25.28 | 29.73 | 25.08 | 30.45 |
| BW | 15MHz+20MHz | 20MHz+5MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH | 34.90 | 24.83 | 29.91 | 34.76 | 39.72 |
| Middle CH | 34.76 | 24.93 | 30.03 | 34.76 | 39.64 |
| Highest CH | 34.76 | 24.88 | 30.03 | 34.76 | 39.72 |

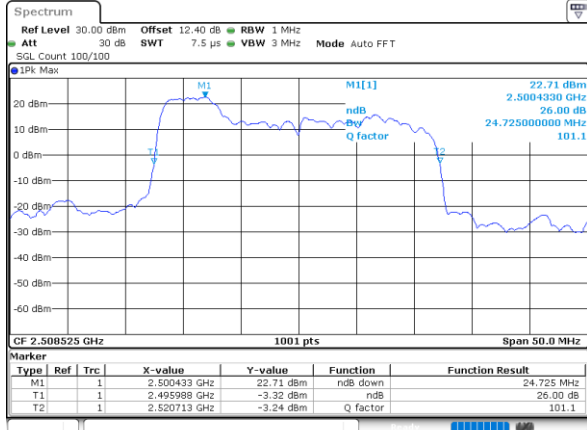
| Mode | LTE Band 41C : 26dB BW(MHz) | | | | |
|------------|-----------------------------|-------------|-------------|-------------|-------------|
| 64QAM | | | | | |
| BW | 5MHz+20MHz | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH | 24.63 | 25.28 | 29.73 | 25.18 | 30.33 |
| Middle CH | 24.68 | 25.03 | 29.91 | 25.13 | 30.45 |
| Highest CH | 24.68 | 25.23 | 29.85 | 25.23 | 30.45 |
| BW | 15MHz+20MHz | 20MHz+5MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH | 34.97 | 24.83 | 29.97 | 34.97 | 39.88 |
| Middle CH | 34.90 | 24.93 | 30.09 | 34.83 | 39.80 |
| Highest CH | 34.83 | 24.98 | 30.09 | 34.97 | 39.72 |



LTE Band 41C

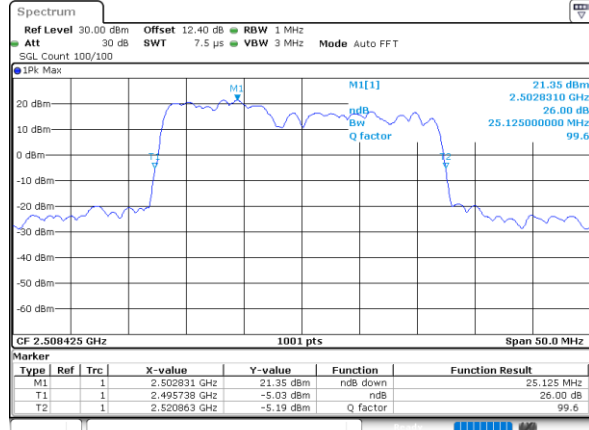
QPSK

Lowest Channel / 5MHz+20MHz



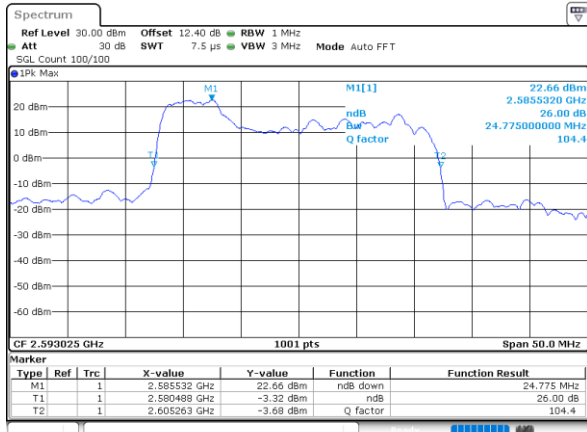
Date: 15_JUL_2020 22:42:47

Lowest Channel / 10MHz+15MHz



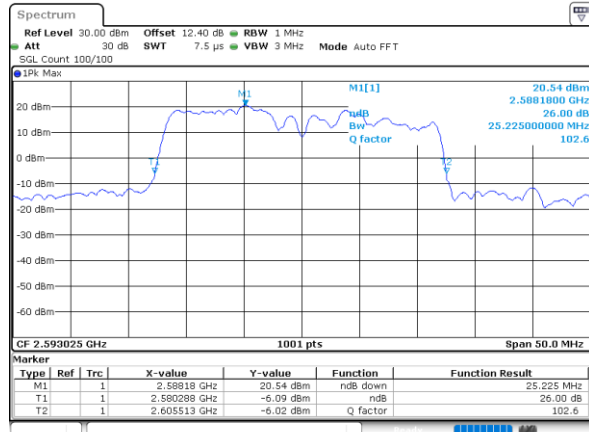
Date: 15_JUL_2020 22:15:11

Middle Channel / 5MHz+20MHz



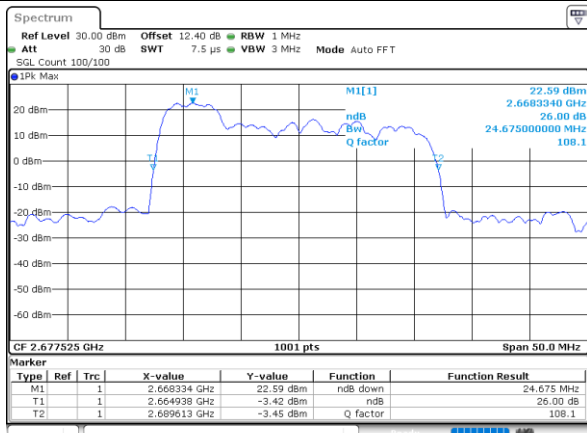
Date: 15_JUL_2020 22:51:58

Middle Channel / 10MHz+15MHz



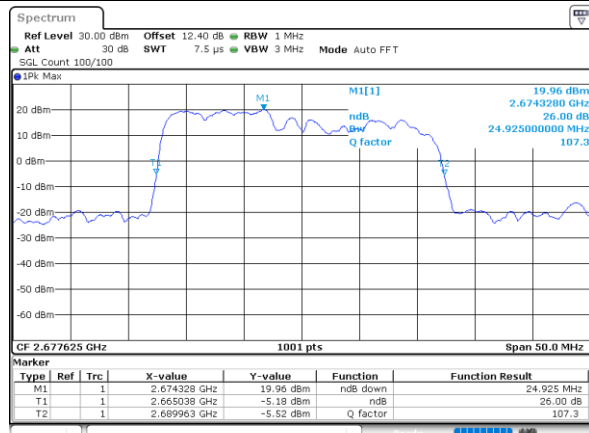
Date: 25_JUL_2020 01:12:56

Highest Channel / 5MHz+20MHz



Date: 15_JUL_2020 22:55:06

Highest Channel / 10MHz+15MHz



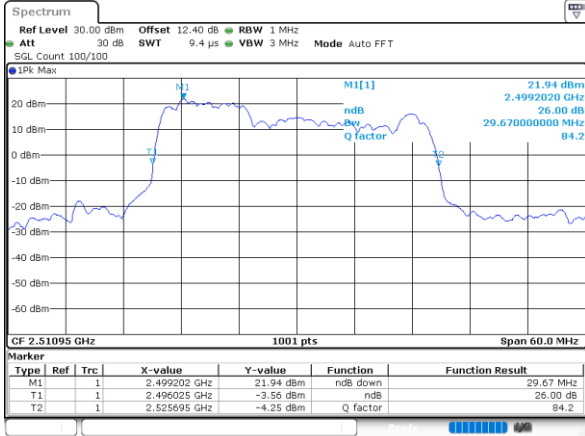
Date: 15_JUL_2020 22:24:11



LTE Band 41C

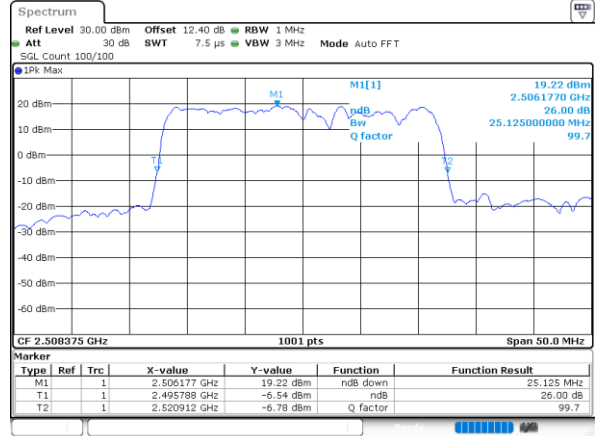
QPSK

Lowest Channel / 10MHz+20MHz



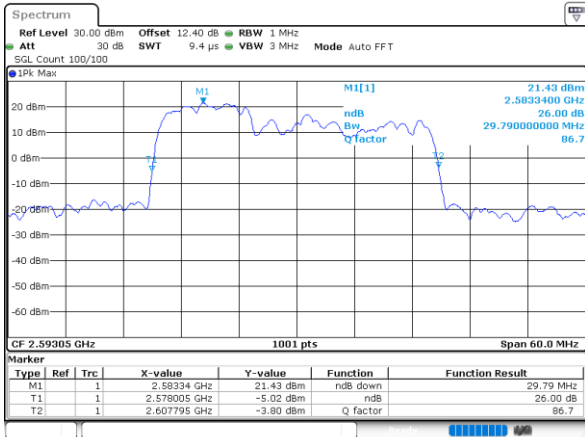
Date: 15_JUL_2020 21:51:12

Lowest Channel / 15MHz+10MHz



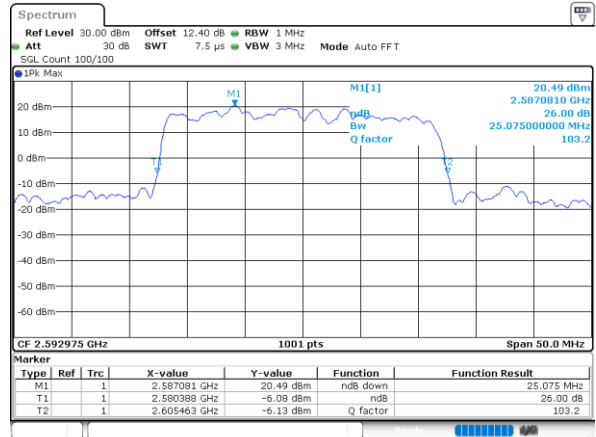
Date: 15_JUL_2020 22:03:25

Middle Channel / 10MHz+20MHz



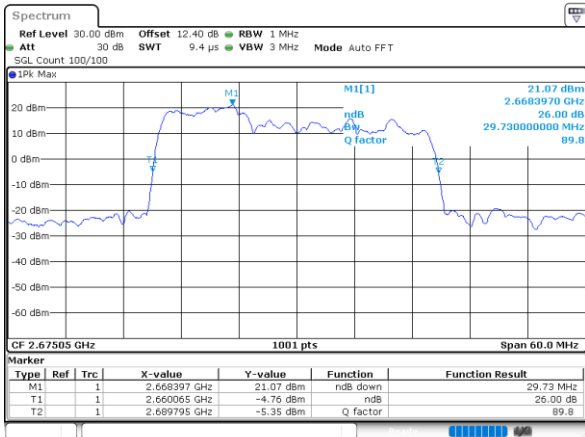
Date: 15_JUL_2020 21:55:46

Middle Channel / 15MHz+10MHz



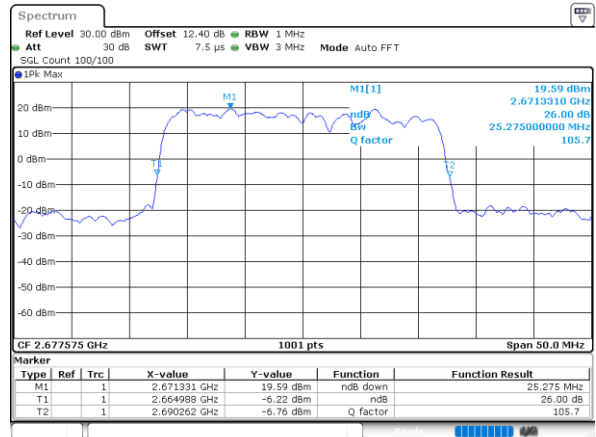
Date: 15_JUL_2020 22:06:48

Highest Channel / 10MHz+20MHz



Date: 15_JUL_2020 21:58:33

Highest Channel / 15MHz+10MHz



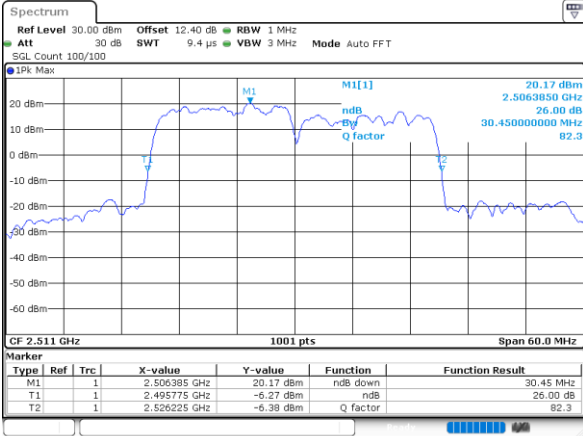
Date: 15_JUL_2020 22:10:05



LTE Band 41C

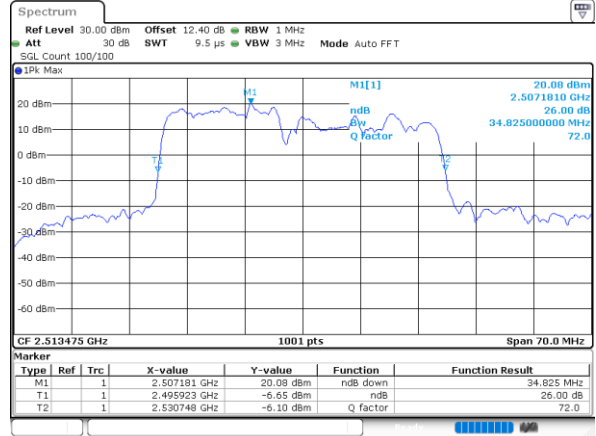
QPSK

Lowest Channel / 15MHz+15MHz



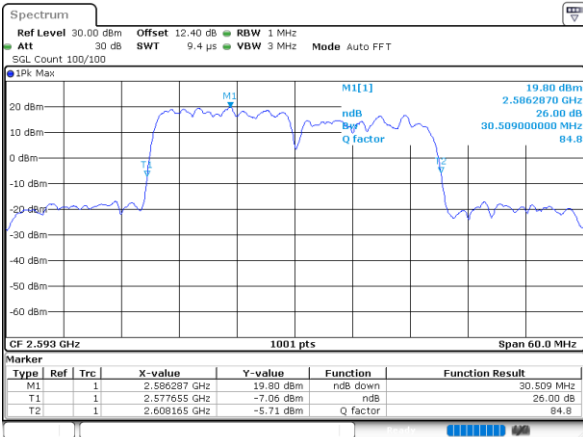
Date: 15_JUL_2020 21:21:00

Lowest Channel / 15MHz+20MHz



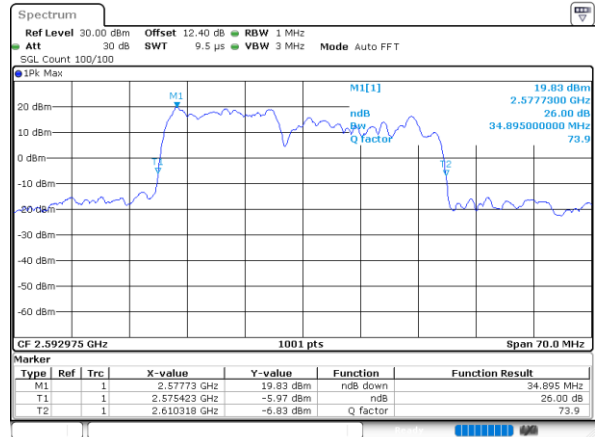
Date: 10_JUL_2020 01:37:48

Middle Channel / 15MHz+15MHz



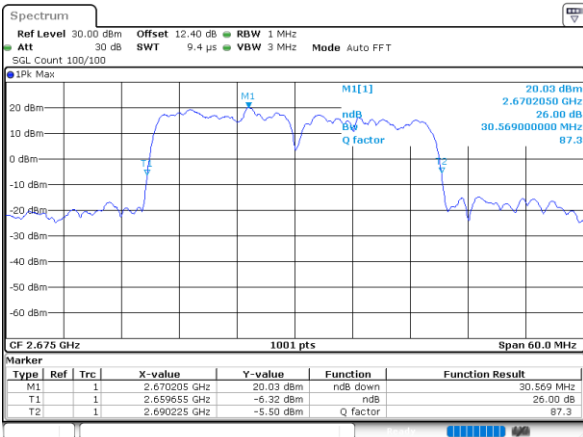
Date: 15_JUL_2020 21:25:06

Middle Channel / 15MHz+20MHz



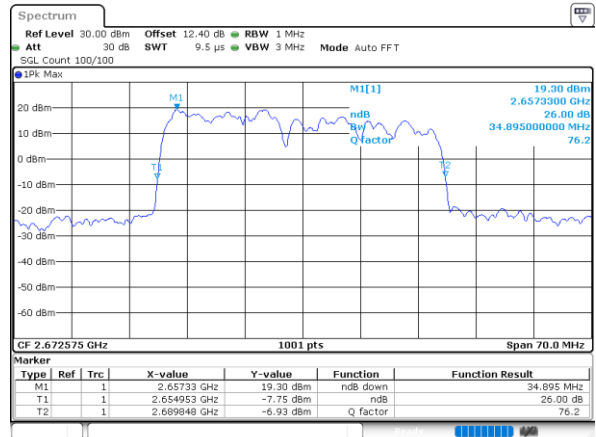
Date: 10_JUL_2020 01:43:03

Highest Channel / 15MHz+15MHz



Date: 15_JUL_2020 21:29:17

Highest Channel / 15MHz+20MHz



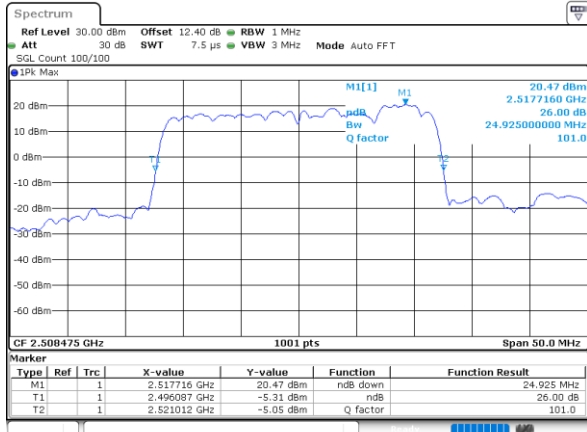
Date: 10_JUL_2020 01:46:10



LTE Band 41C

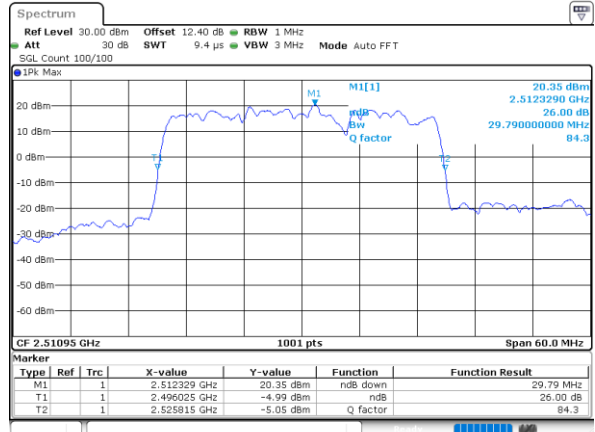
QPSK

Lowest Channel / 20MHz+5MHz



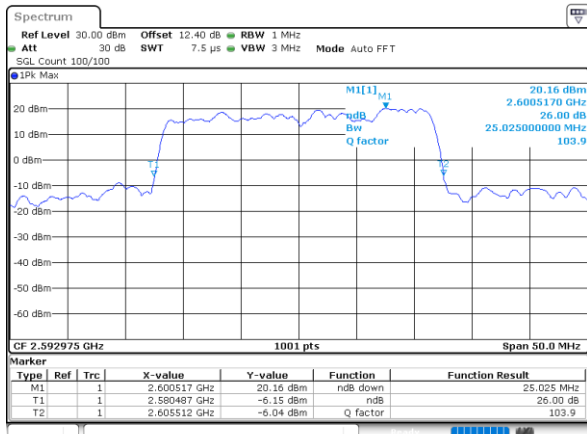
Date: 15_JUL_2020 22:28:50

Lowest Channel / 20MHz+10MHz



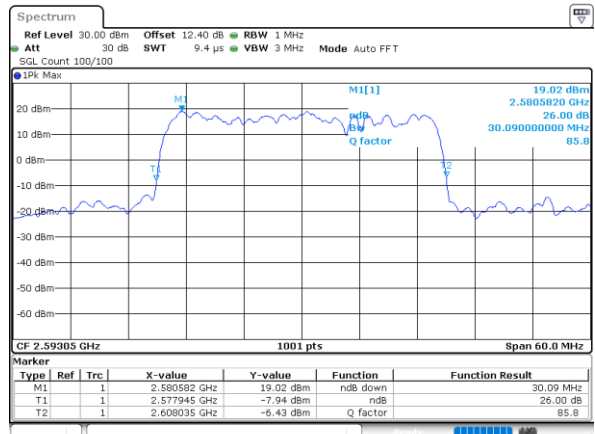
Date: 15_JUL_2020 21:34:42

Middle Channel / 20MHz+5MHz



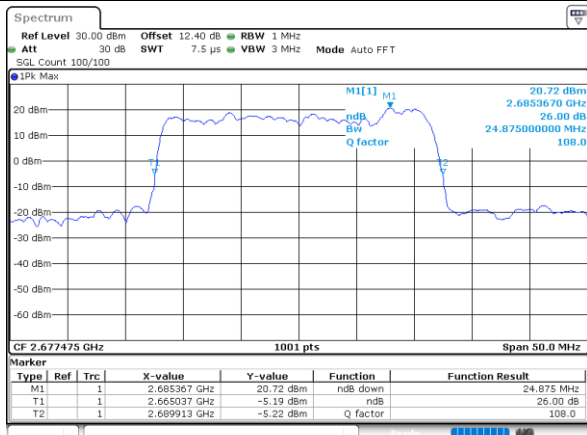
Date: 15_JUL_2020 22:34:03

Middle Channel / 20MHz+10MHz



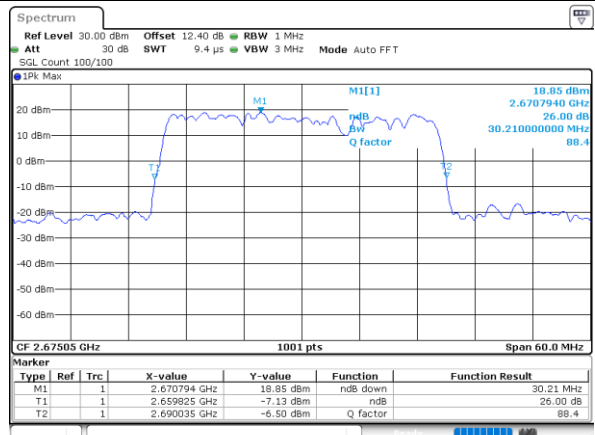
Date: 15_JUL_2020 21:40:02

Highest Channel / 20MHz+5MHz



Date: 15_JUL_2020 22:38:15

Highest Channel / 20MHz+10MHz



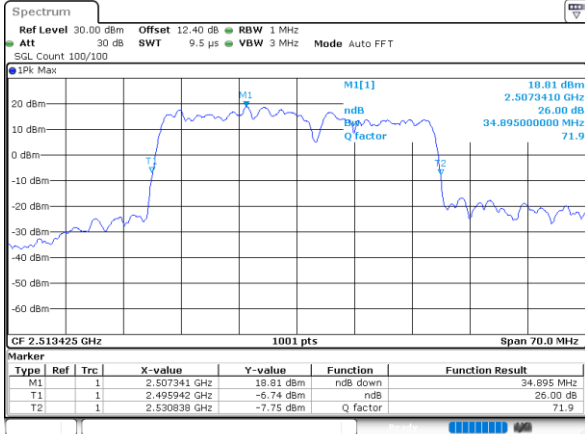
Date: 15_JUL_2020 21:42:33



LTE Band 41C

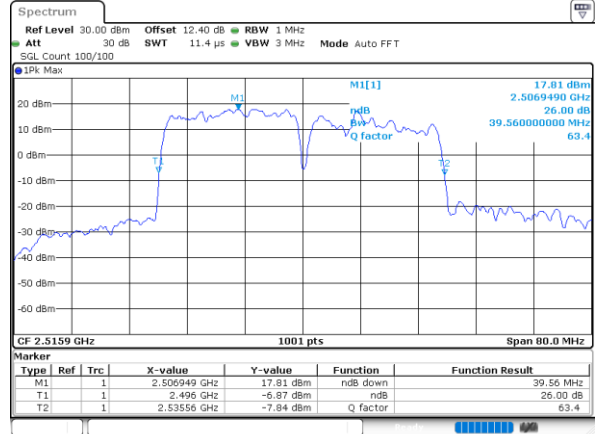
QPSK

Lowest Channel / 20MHz+15MHz



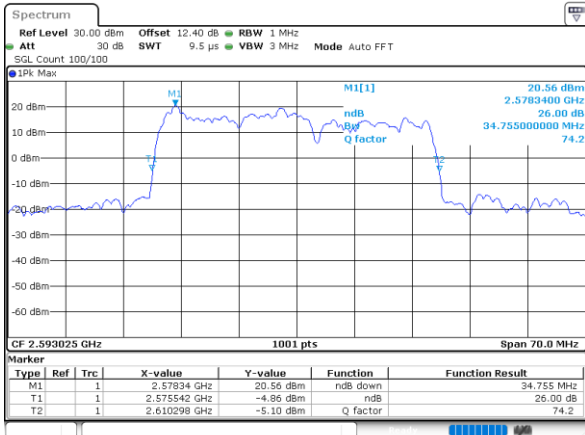
Date: 10_JUL_2020 01:16:32

Lowest Channel / 20MHz+20MHz



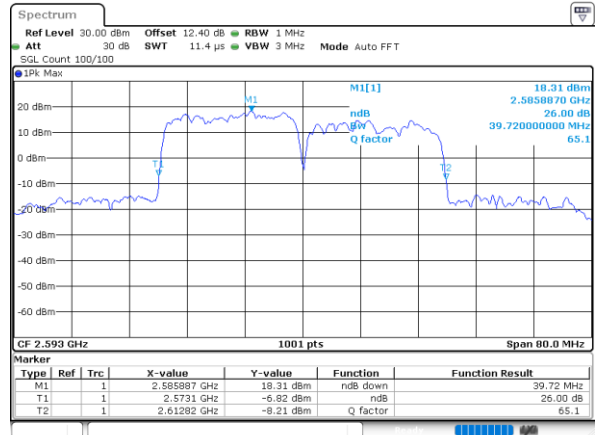
Date: 10_JUL_2020 01:10:44

Middle Channel / 20MHz+15MHz



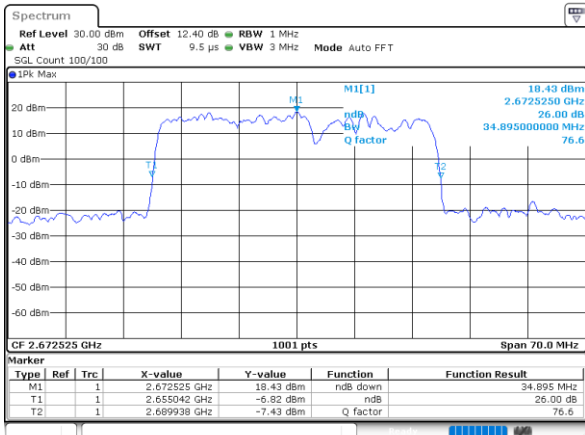
Date: 10_JUL_2020 01:21:20

Middle Channel / 20MHz+20MHz



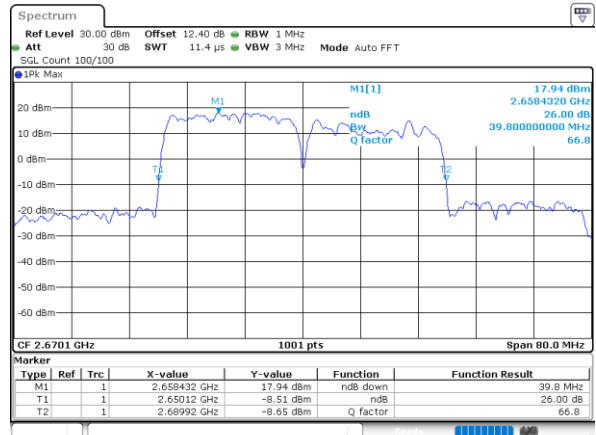
Date: 10_JUL_2020 01:17:54

Highest Channel / 20MHz+15MHz



Date: 10_JUL_2020 01:26:44

Highest Channel / 20MHz+20MHz



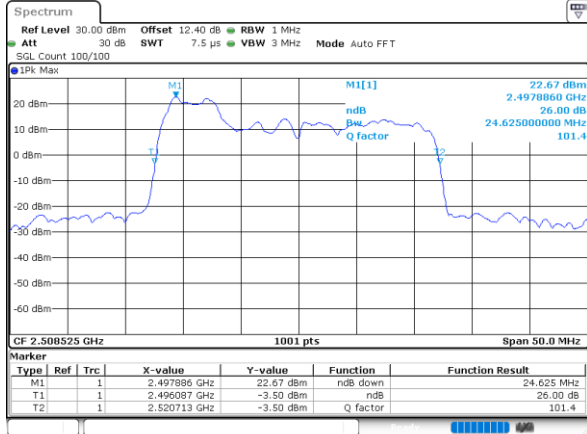
Date: 10_JUL_2020 01:12:05



LTE Band 41C

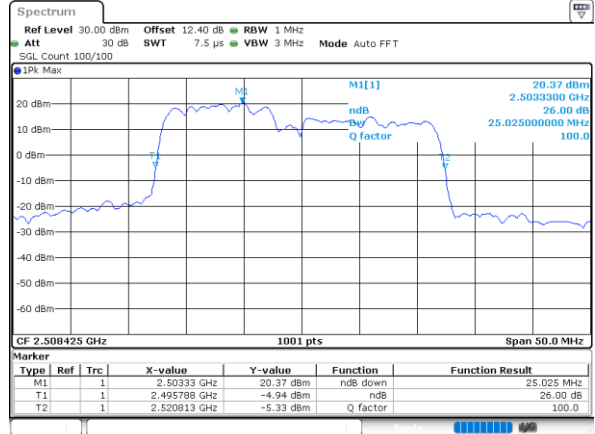
16QAM

Lowest Channel / 5MHz+20MHz



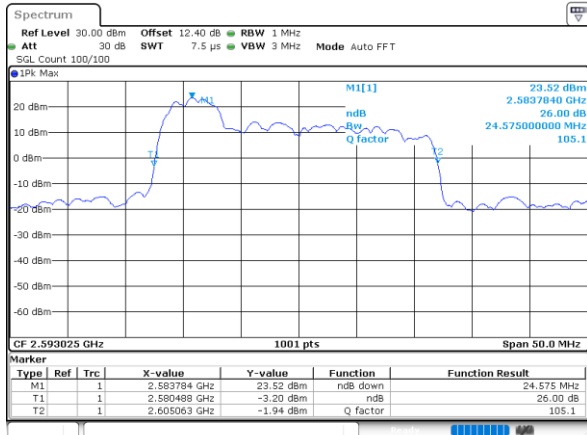
Date: 15_JUL_2020 22:42:24

Lowest Channel / 10MHz+15MHz



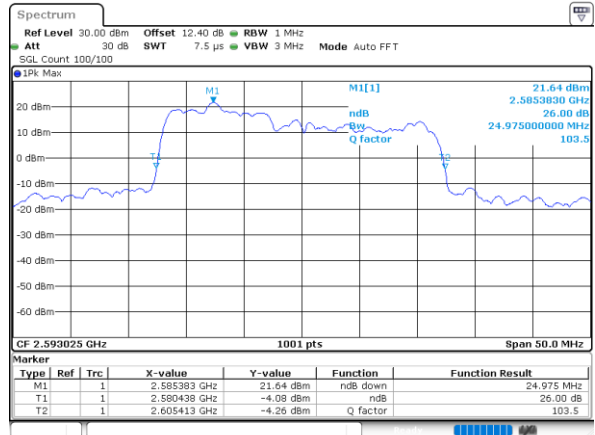
Date: 15_JUL_2020 22:14:48

Middle Channel / 5MHz+20MHz



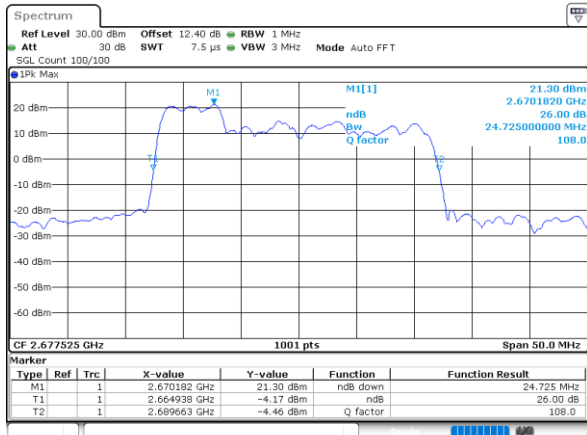
Date: 15_JUL_2020 22:51:35

Middle Channel / 10MHz+15MHz



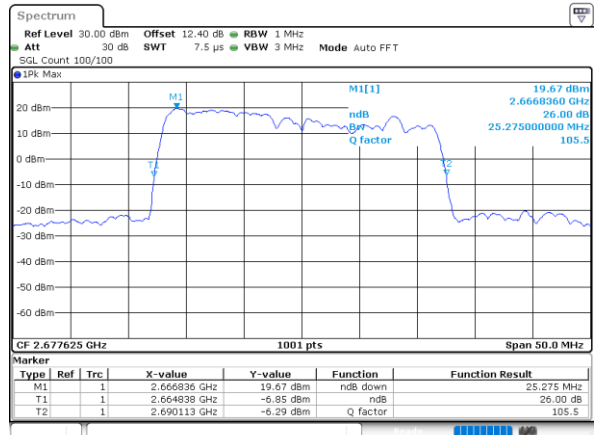
Date: 25_JUL_2020 01:14:16

Highest Channel / 5MHz+20MHz



Date: 15_JUL_2020 22:55:30

Highest Channel / 10MHz+15MHz



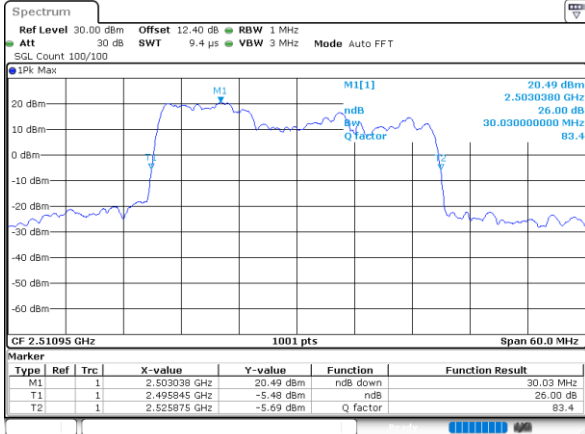
Date: 15_JUL_2020 22:24:34



LTE Band 41C

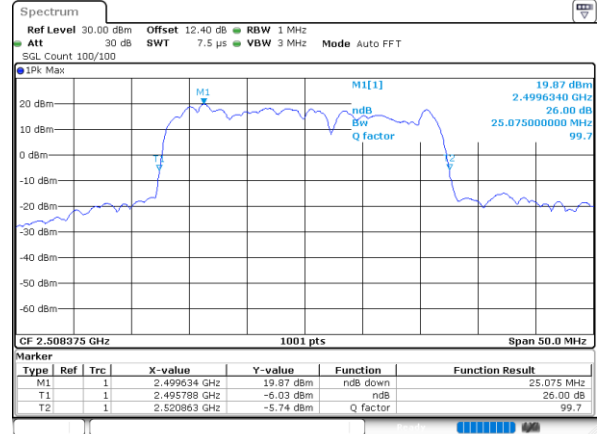
16QAM

Lowest Channel / 10MHz+20MHz



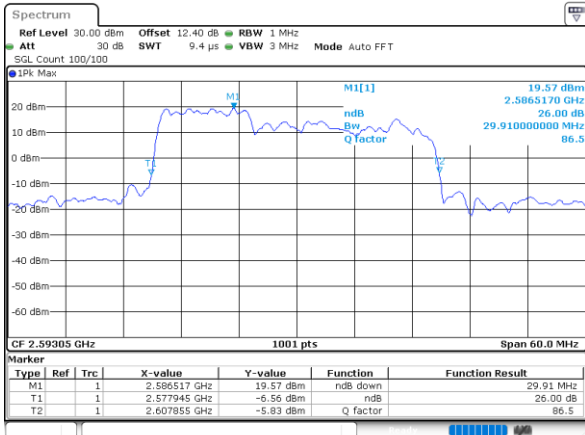
Date: 15_JUL_2020 21:50:49

Lowest Channel / 15MHz+10MHz



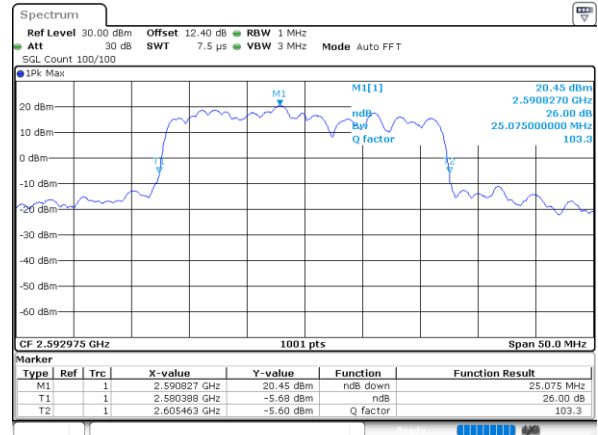
Date: 15_JUL_2020 22:03:02

Middle Channel / 10MHz+20MHz



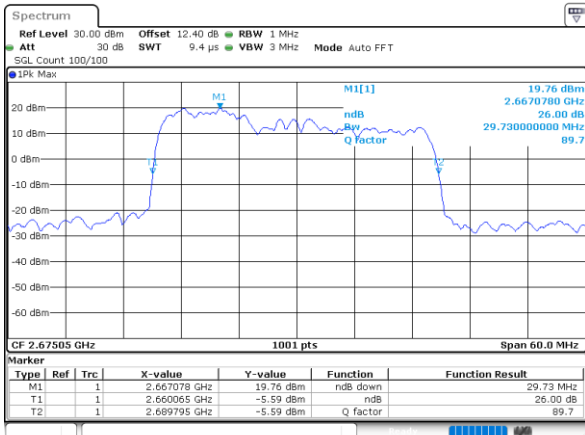
Date: 15_JUL_2020 21:55:23

Middle Channel / 15MHz+10MHz



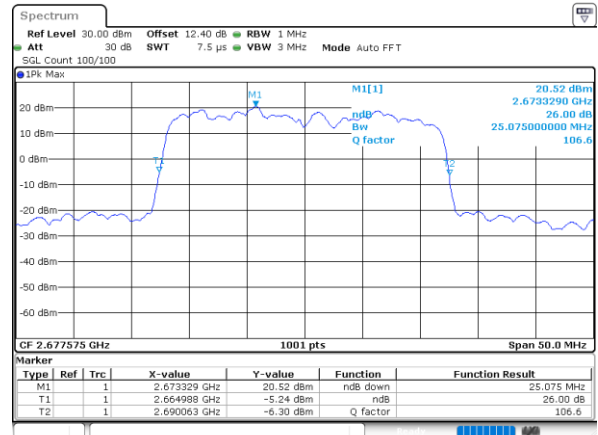
Date: 15_JUL_2020 22:06:24

Highest Channel / 10MHz+20MHz



Date: 15_JUL_2020 21:58:54

Highest Channel / 15MHz+10MHz



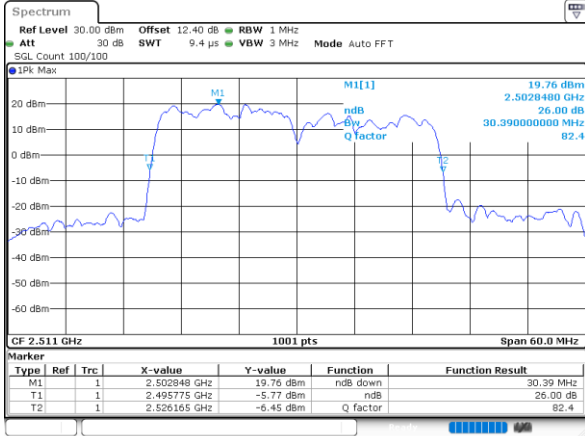
Date: 15_JUL_2020 22:10:28



LTE Band 41C

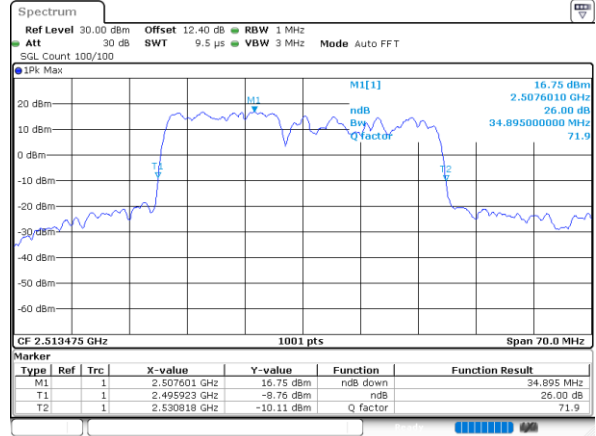
16QAM

Lowest Channel / 15MHz+15MHz



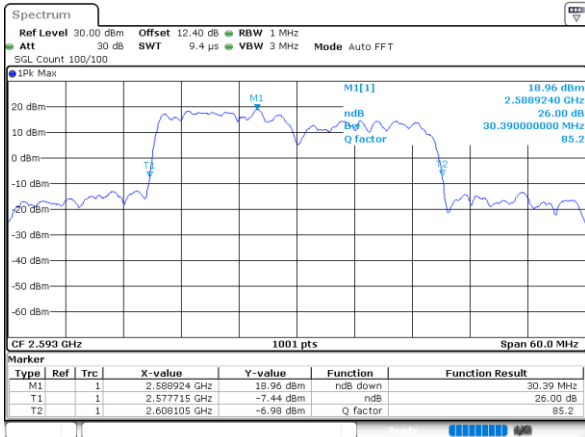
Date: 15_JUL_2020 21:20:37

Lowest Channel / 15MHz+20MHz



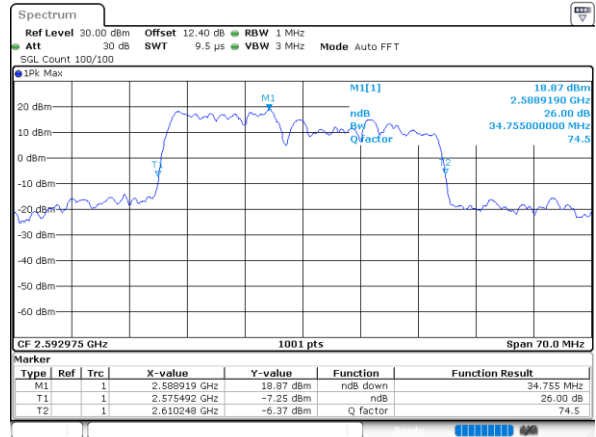
Date: 10_JUL_2020 01:37:25

Middle Channel / 15MHz+15MHz



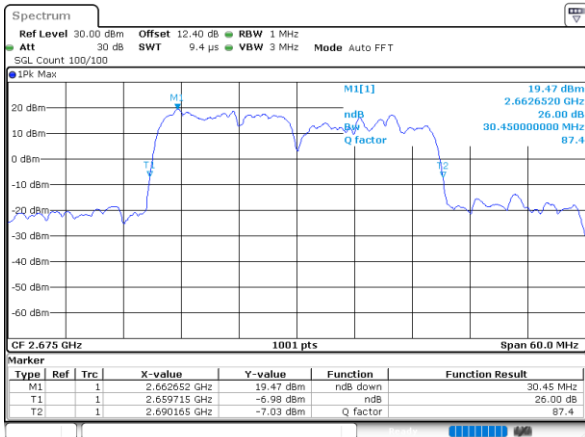
Date: 15_JUL_2020 21:24:42

Middle Channel / 15MHz+20MHz



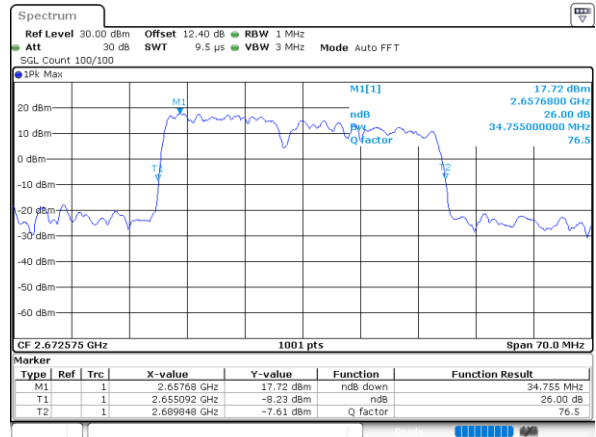
Date: 10_JUL_2020 01:42:39

Highest Channel / 15MHz+15MHz



Date: 15_JUL_2020 21:29:41

Highest Channel / 15MHz+20MHz



Date: 10_JUL_2020 01:46:33