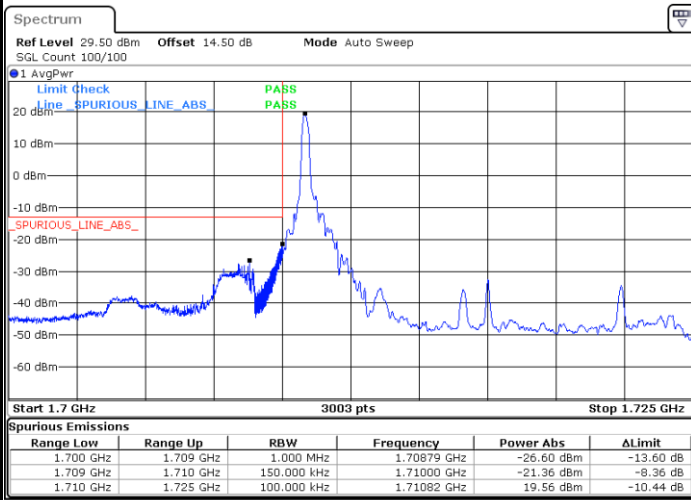




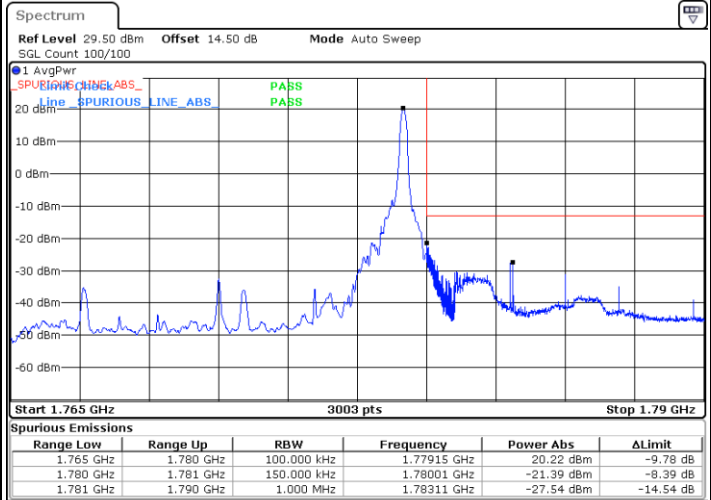
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



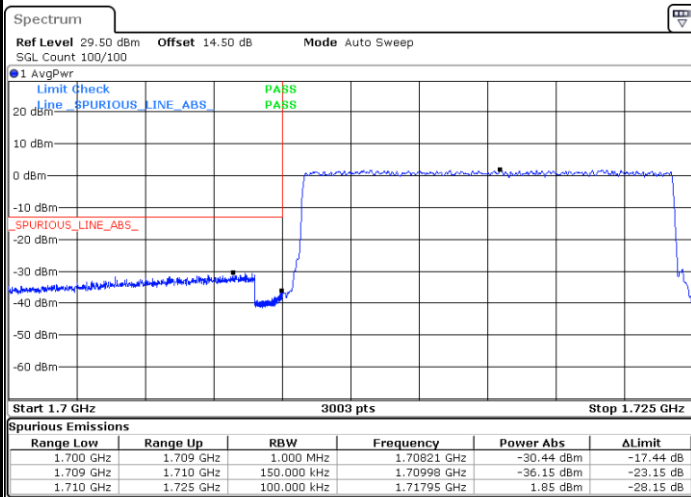
Date: 21.DEC.2020 13:52:17

Highest Band Edge / 1 RB



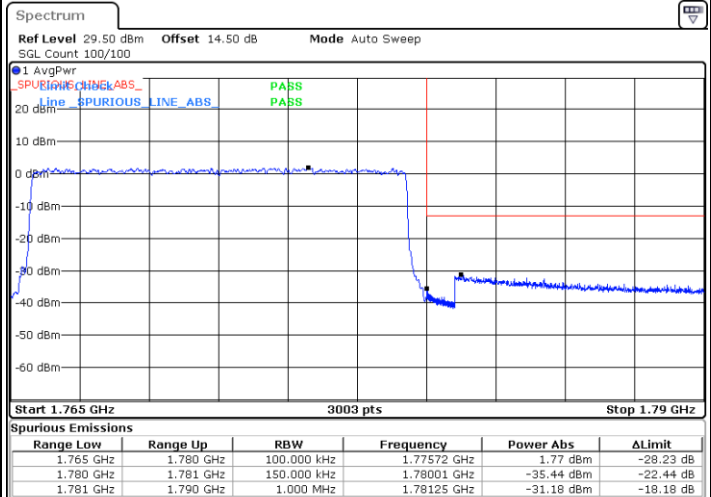
Date: 21.DEC.2020 13:59:54

Lowest Band Edge / Full RB



Date: 21.DEC.2020 13:53:47

Highest Band Edge / Full RB

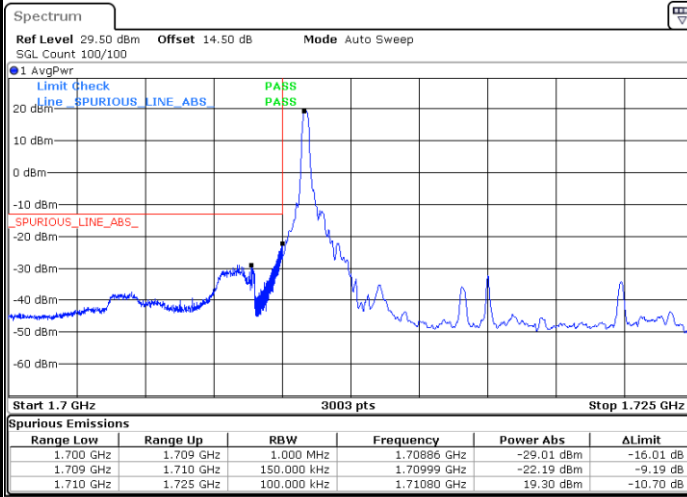


Date: 21.DEC.2020 14:01:24



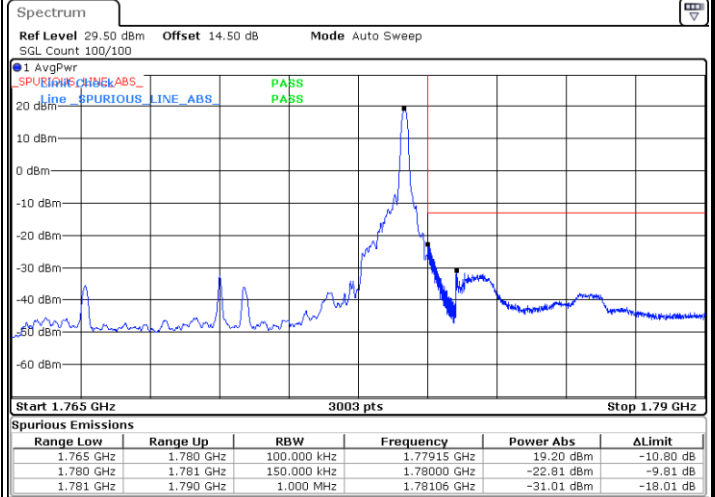
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



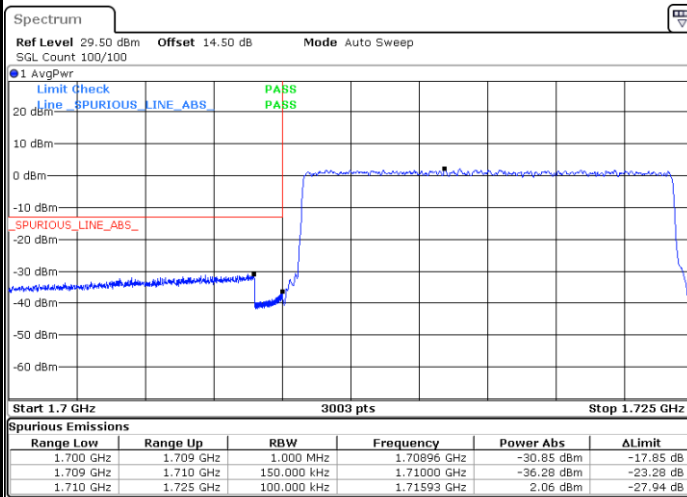
Date: 21.DEC.2020 13:44:41

Highest Band Edge / 1 RB



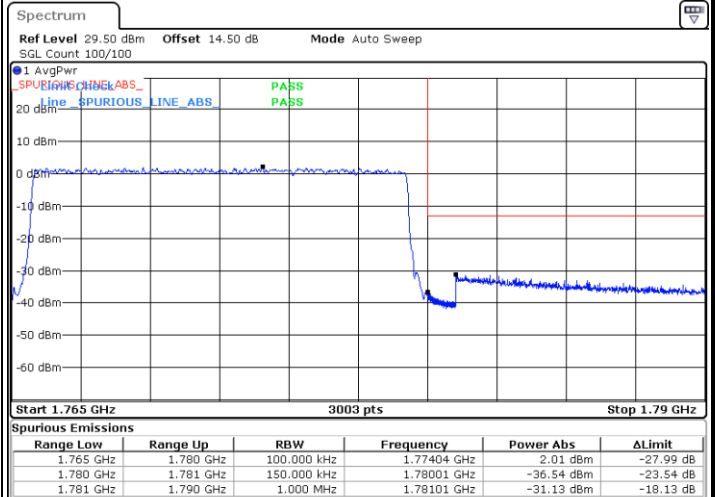
Date: 21.DEC.2020 13:48:31

Lowest Band Edge / Full RB



Date: 21.DEC.2020 13:45:27

Highest Band Edge / Full RB

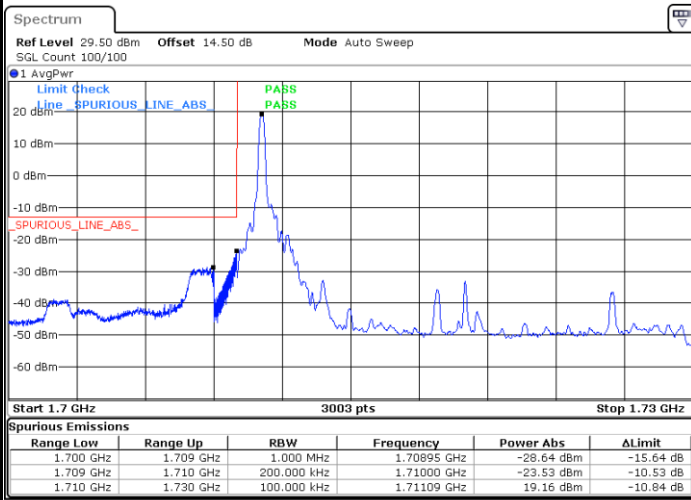


Date: 21.DEC.2020 13:49:16



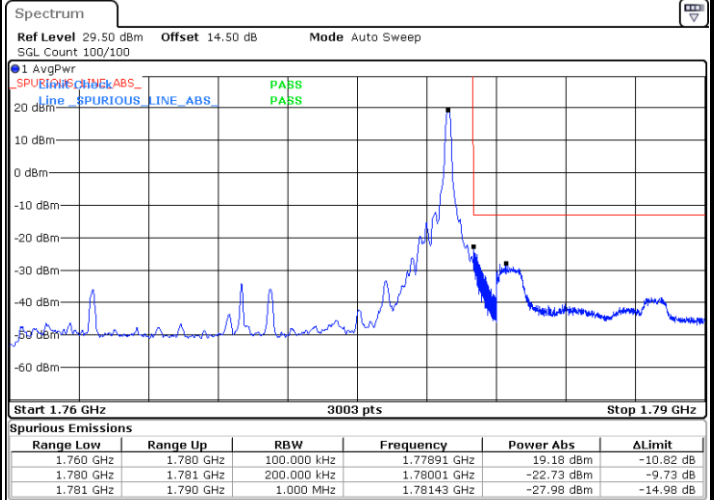
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



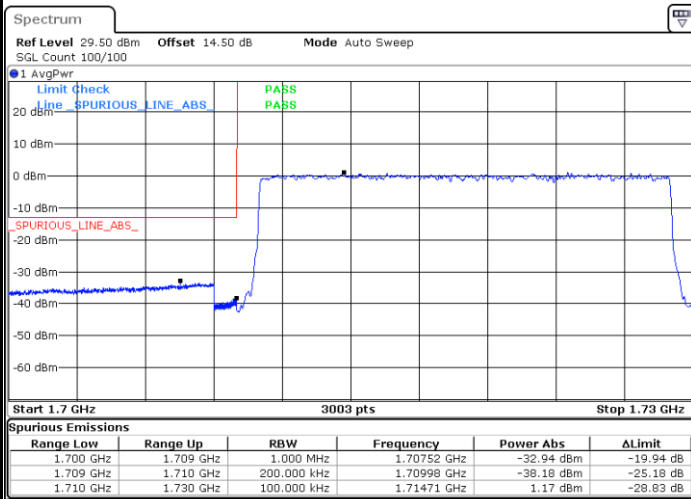
Date: 21.DEC.2020 14:48:06

Highest Band Edge / 1 RB



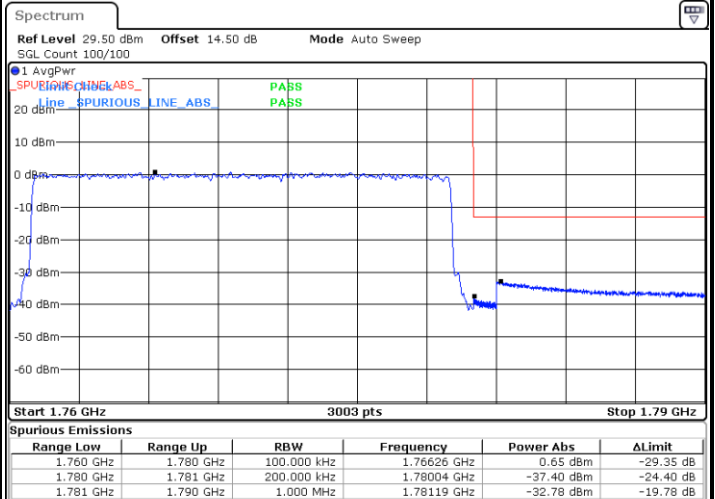
Date: 21.DEC.2020 14:55:42

Lowest Band Edge / Full RB



Date: 21.DEC.2020 14:49:36

Highest Band Edge / Full RB

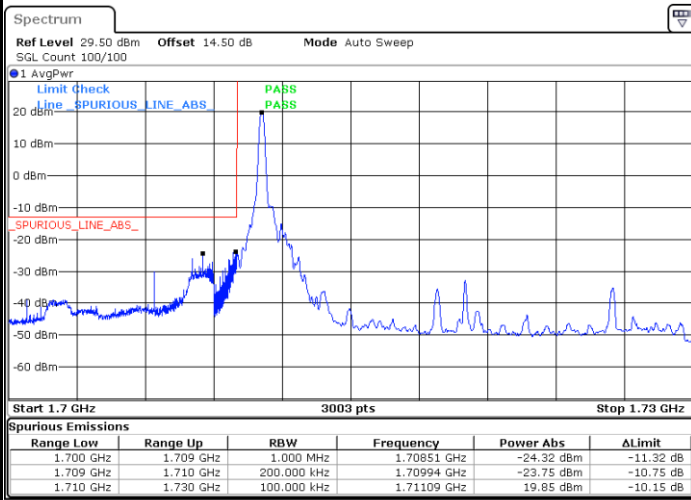


Date: 21.DEC.2020 14:57:12



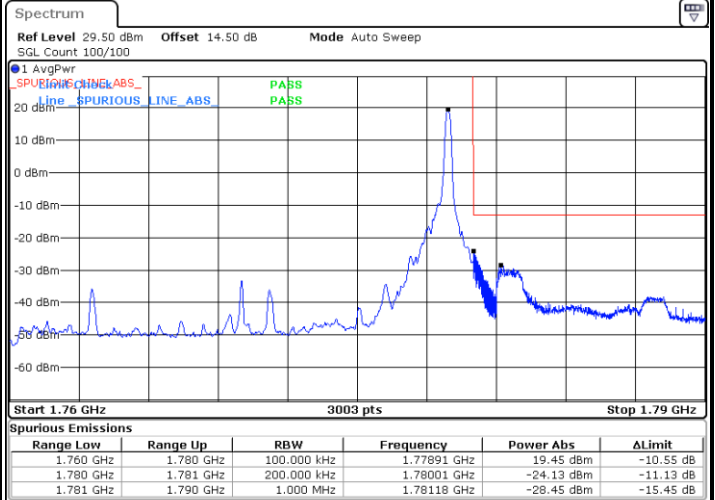
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



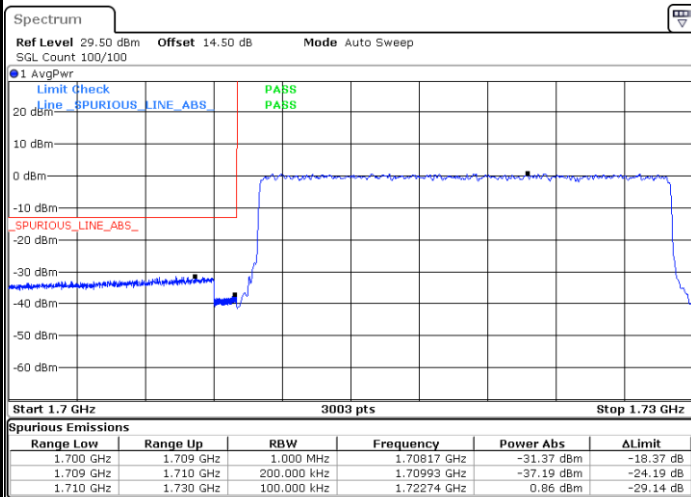
Date: 21.DEC.2020 14:48:51

Highest Band Edge / 1 RB



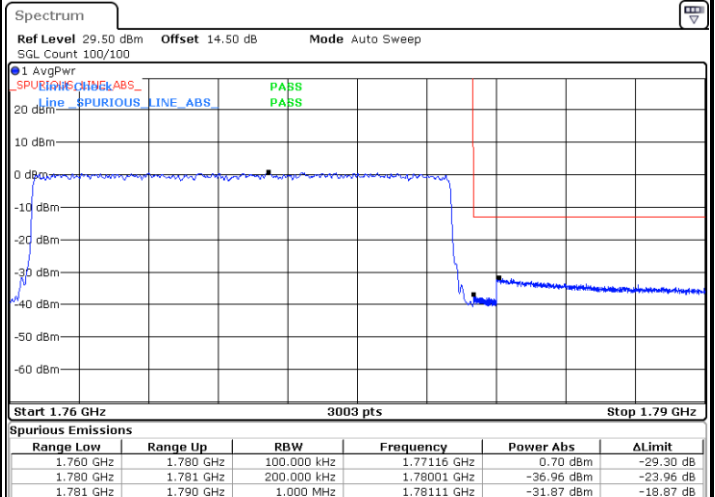
Date: 21.DEC.2020 14:56:27

Lowest Band Edge / Full RB



Date: 21.DEC.2020 14:50:21

Highest Band Edge / Full RB

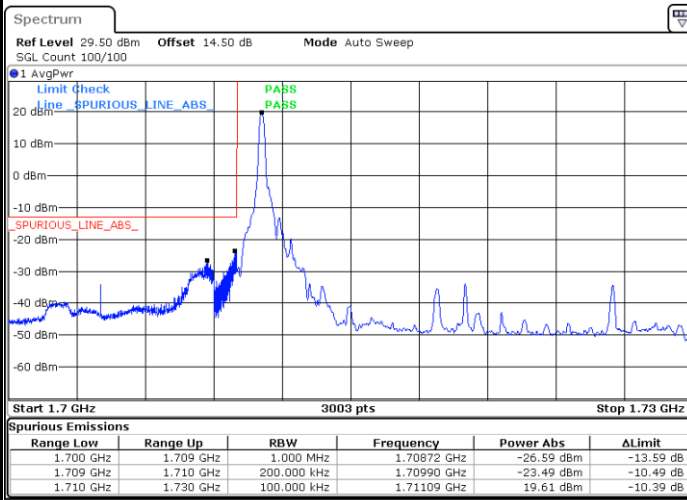


Date: 21.DEC.2020 14:57:57



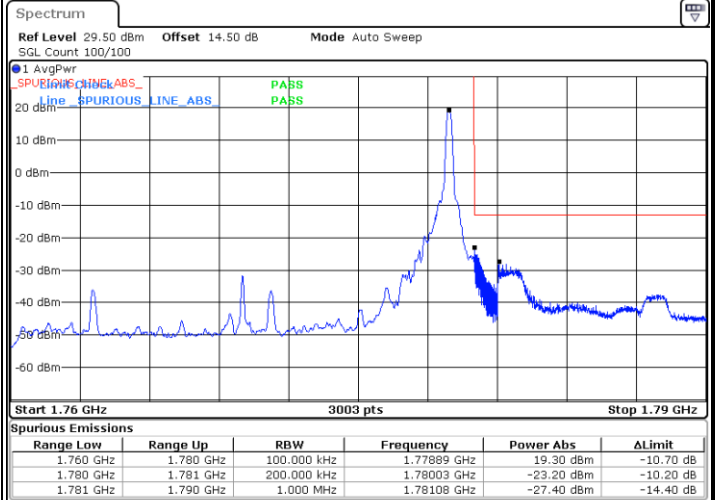
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



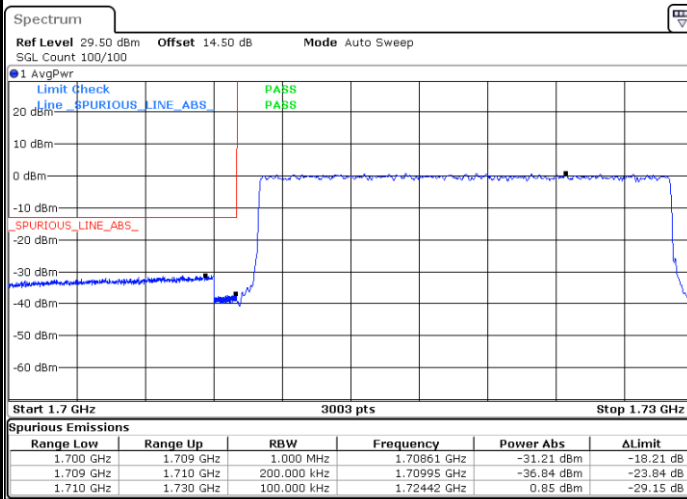
Date: 21.DEC.2020 15:00:38

Highest Band Edge / 1 RB



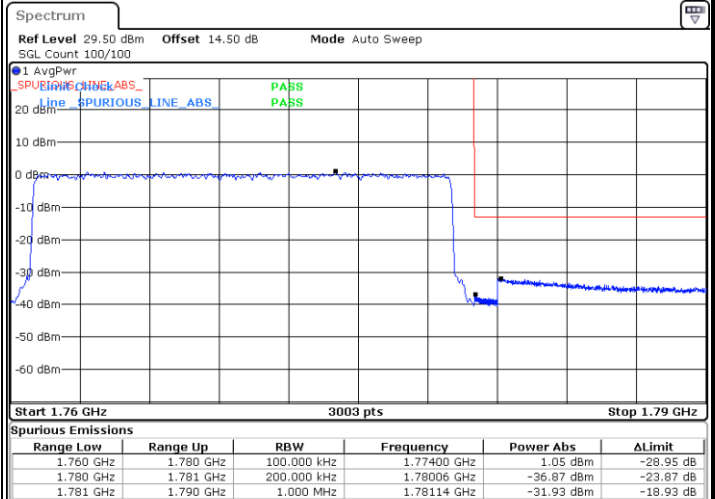
Date: 21.DEC.2020 15:04:27

Lowest Band Edge / Full RB



Date: 21.DEC.2020 15:01:23

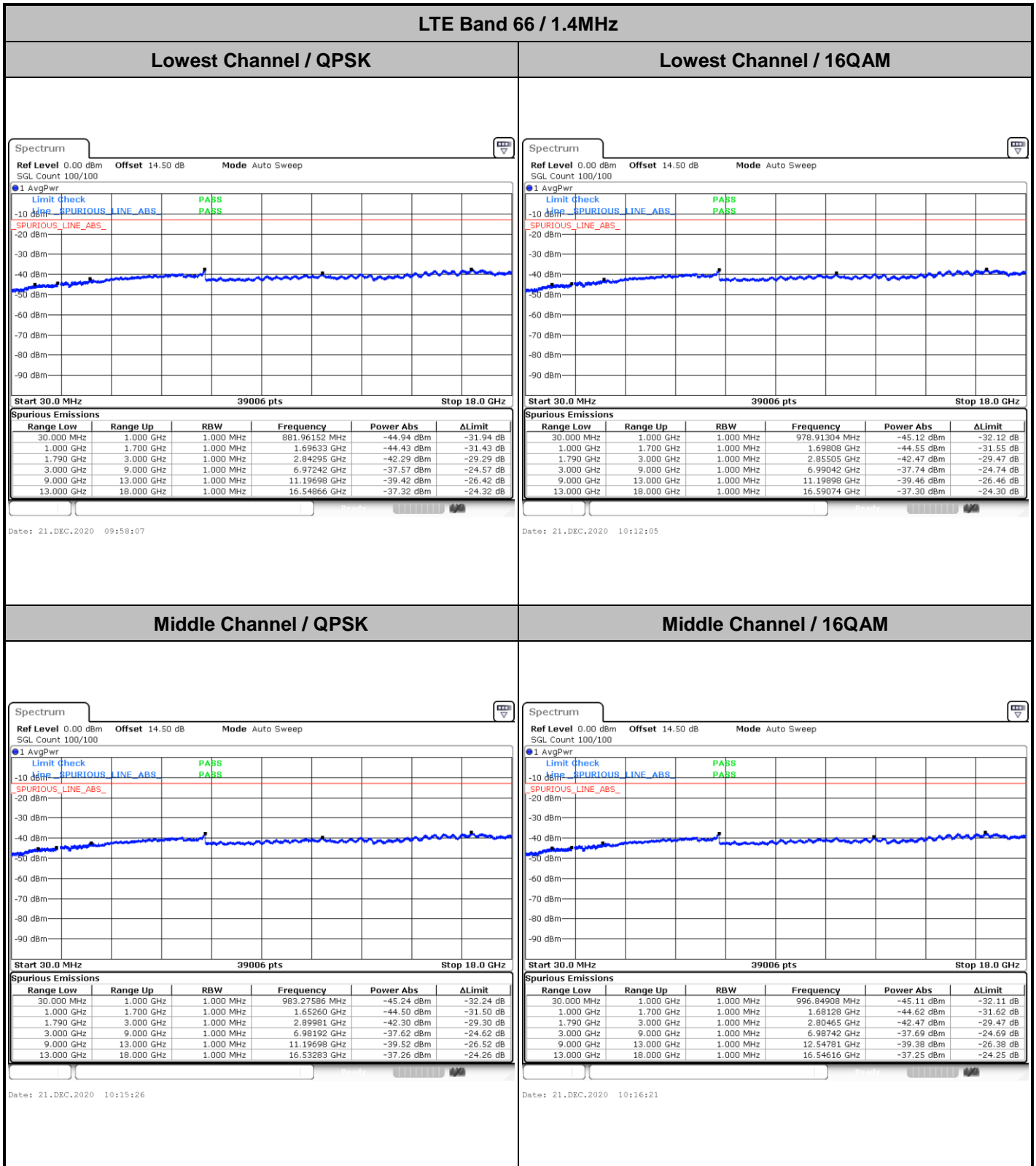
Highest Band Edge / Full RB



Date: 21.DEC.2020 15:05:11



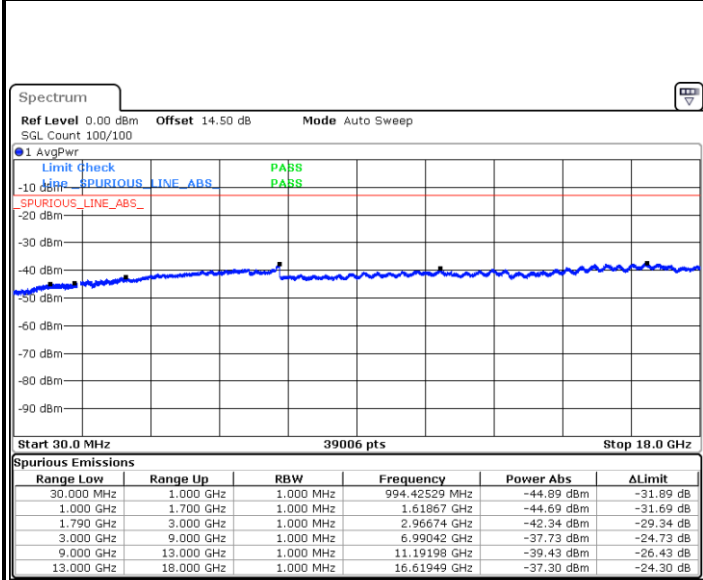
# Conducted Spurious Emission





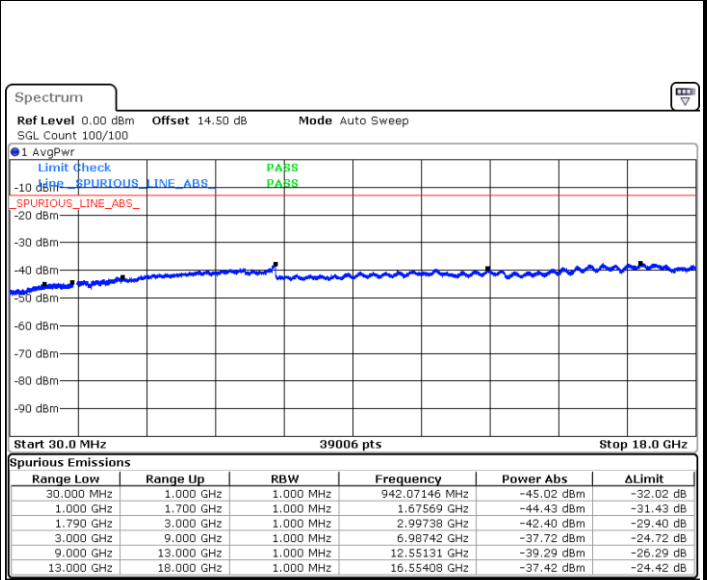
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 21.DEC.2020 10:56:31

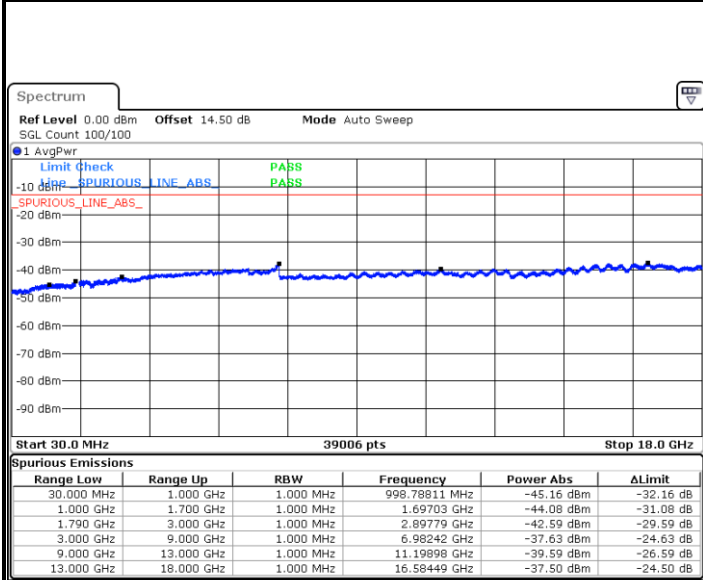
Highest Channel / 16QAM



Date: 21.DEC.2020 10:55:35

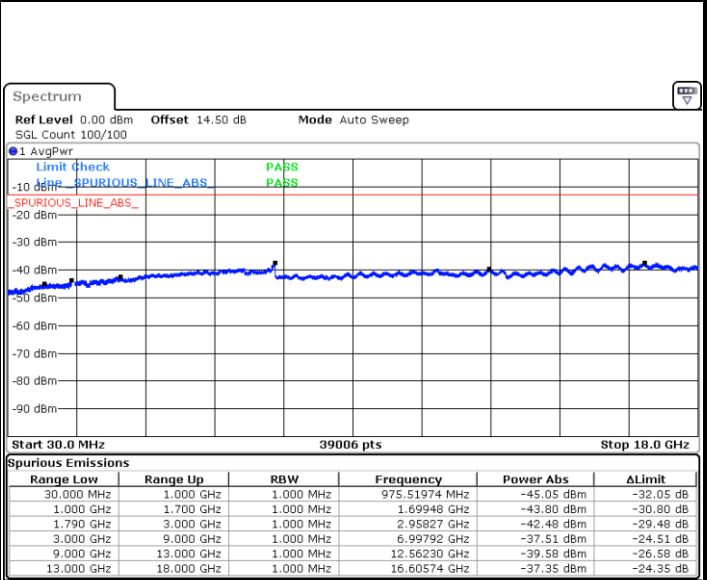
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 21.DEC.2020 11:04:52

Lowest Channel / 16QAM



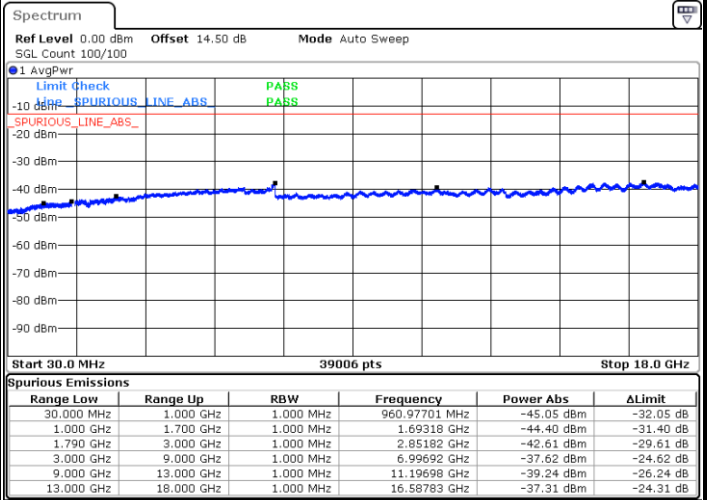
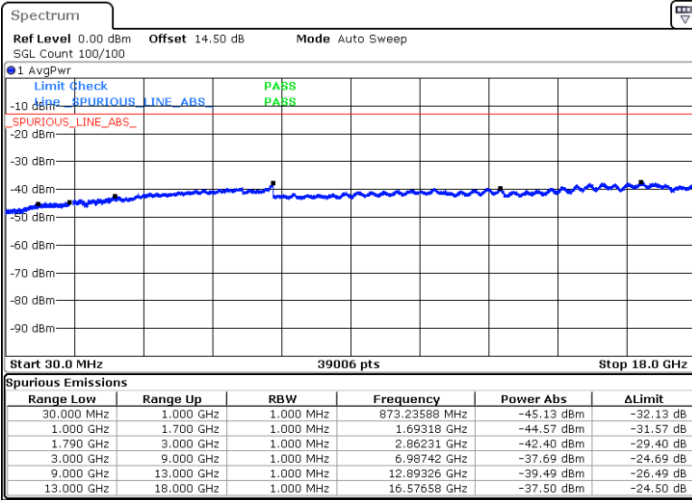
Date: 21.DEC.2020 11:05:39



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

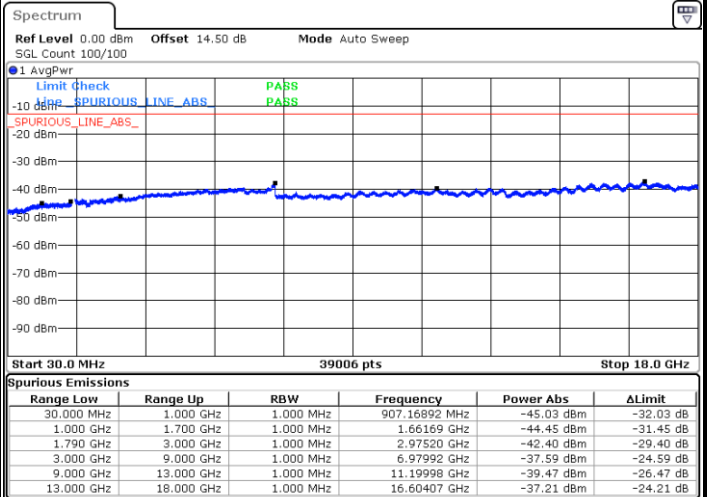
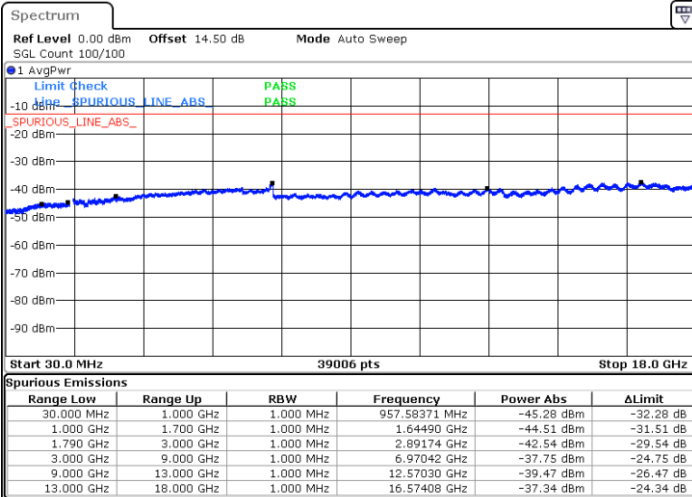


Date: 21.DEC.2020 11:07:10

Date: 21.DEC.2020 11:07:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.DEC.2020 11:12:29

Date: 21.DEC.2020 11:13:17

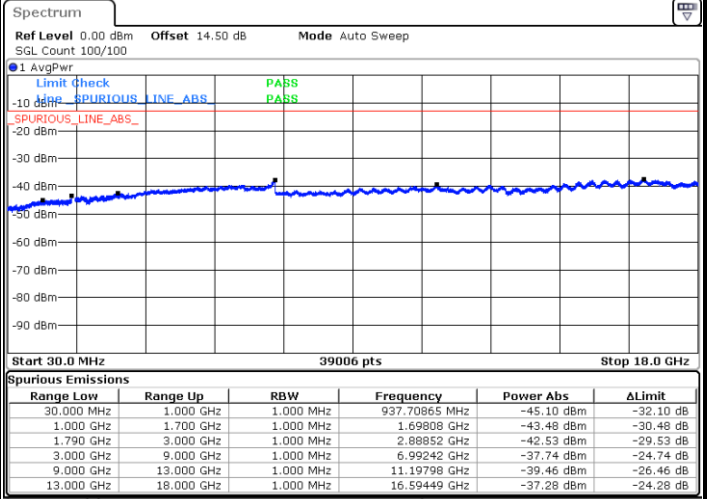
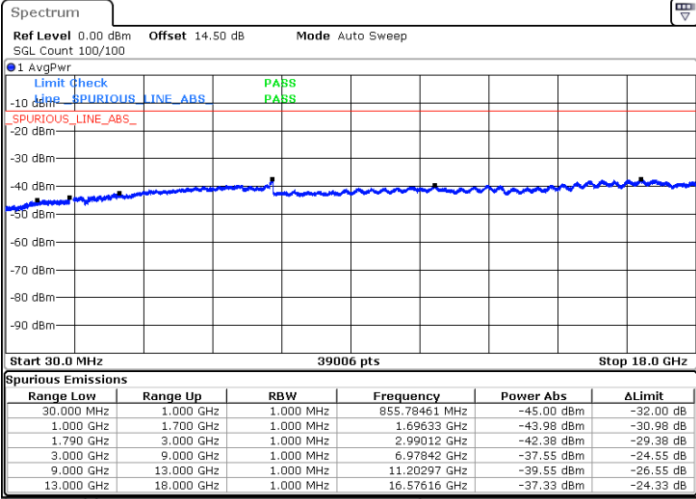




LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

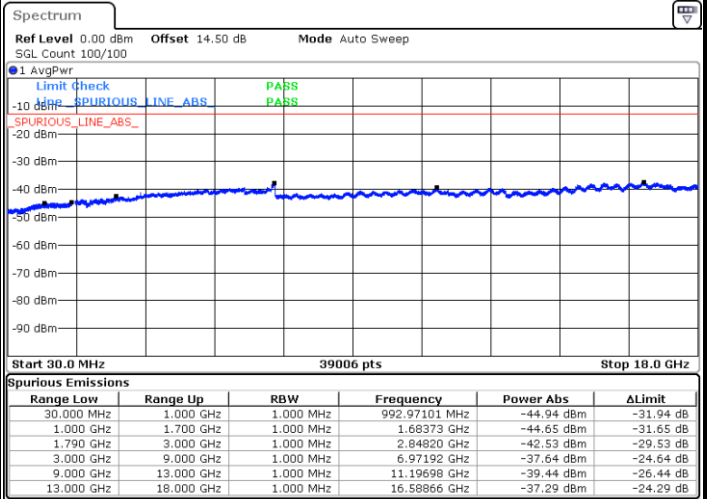
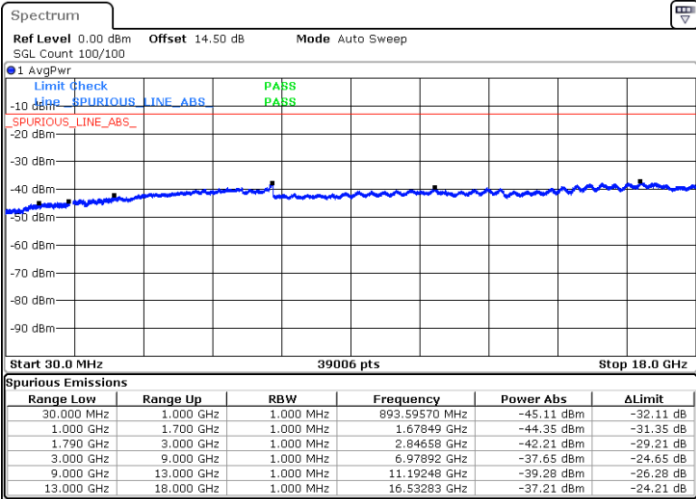


Date: 21.DEC.2020 13:05:50

Date: 21.DEC.2020 13:06:38

Middle Channel / QPSK

Middle Channel / 16QAM



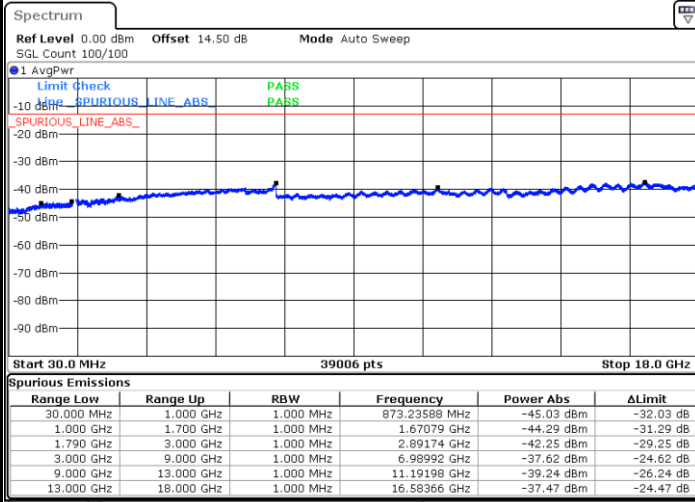
Date: 21.DEC.2020 13:08:09

Date: 21.DEC.2020 13:08:57



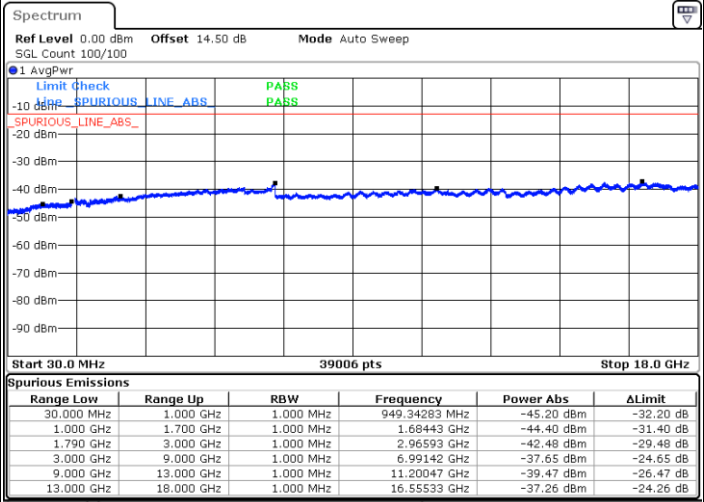
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 21.DEC.2020 13:13:28

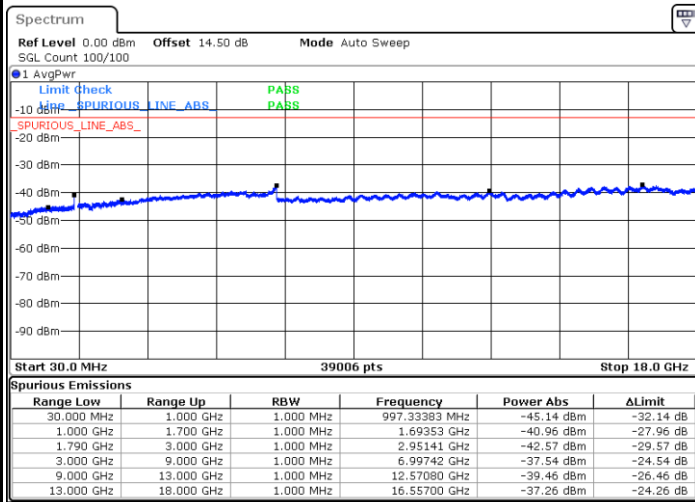
Highest Channel / 16QAM



Date: 21.DEC.2020 13:14:15

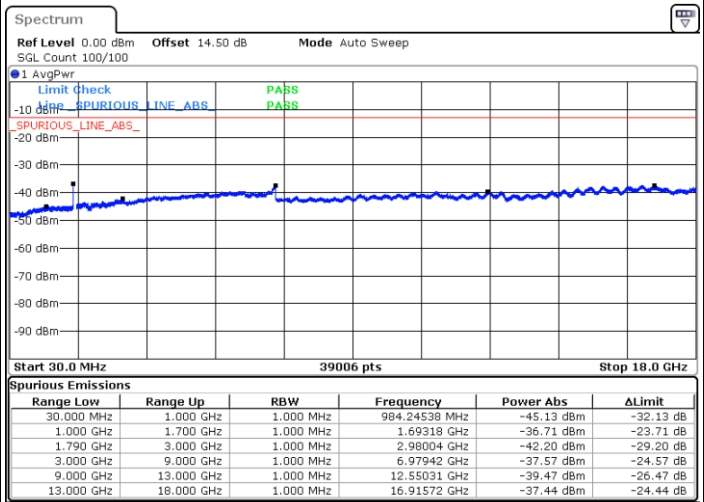
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 21.DEC.2020 13:18:46

Lowest Channel / 16QAM



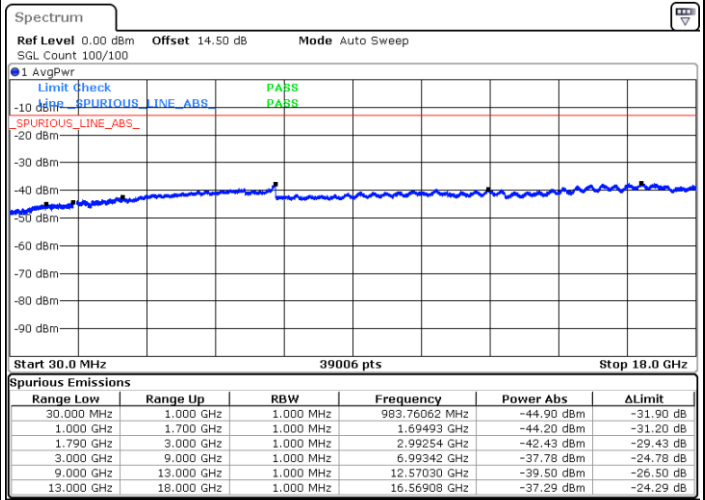
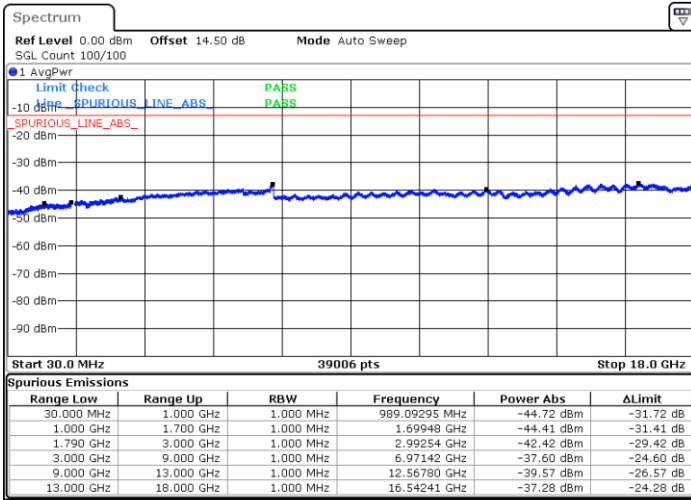
Date: 21.DEC.2020 13:19:34



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

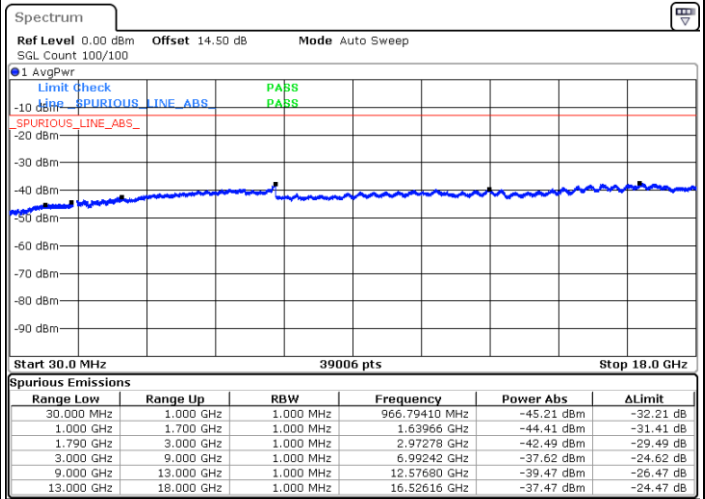
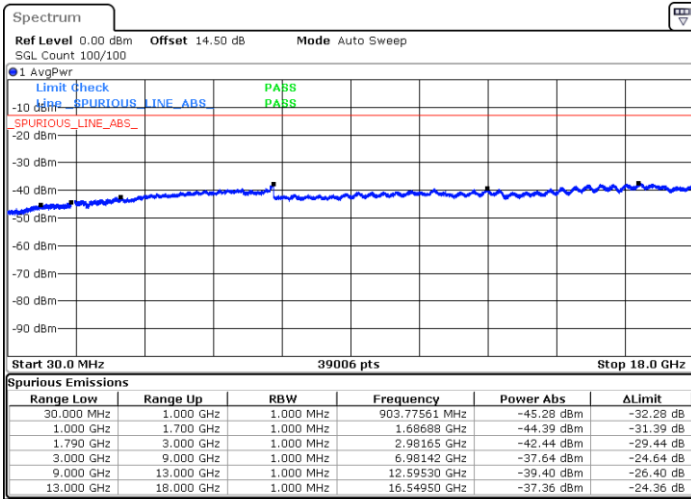


Date: 21.DEC.2020 13:21:05

Date: 21.DEC.2020 13:21:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.DEC.2020 13:26:25

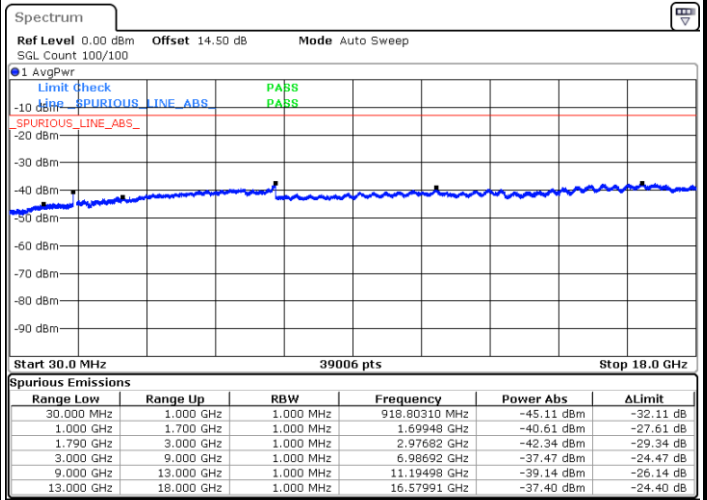
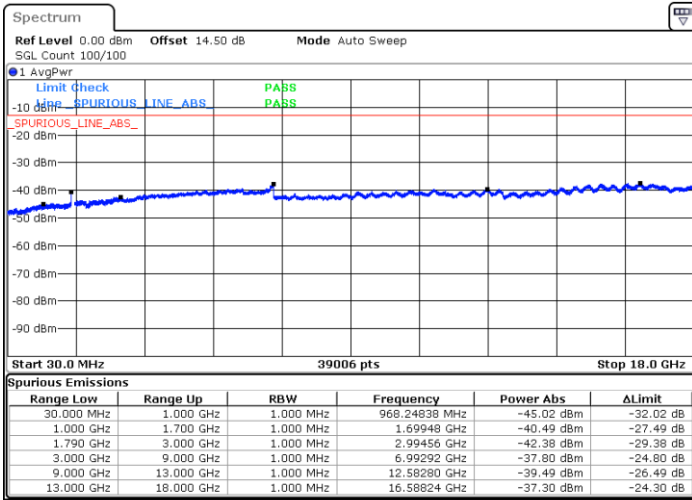
Date: 21.DEC.2020 13:27:12



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

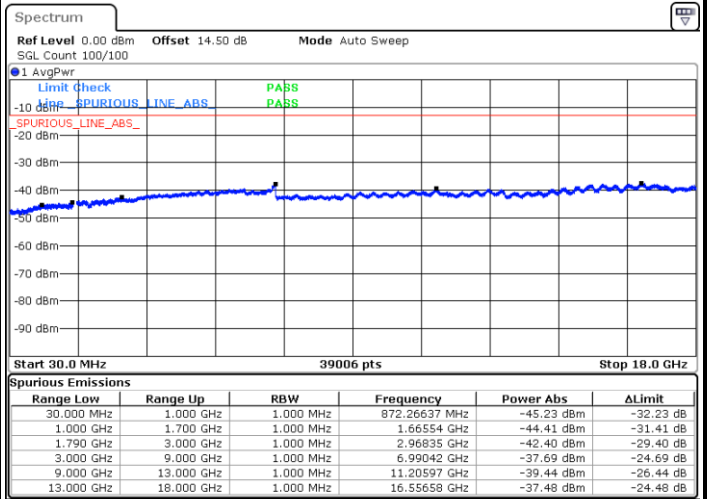
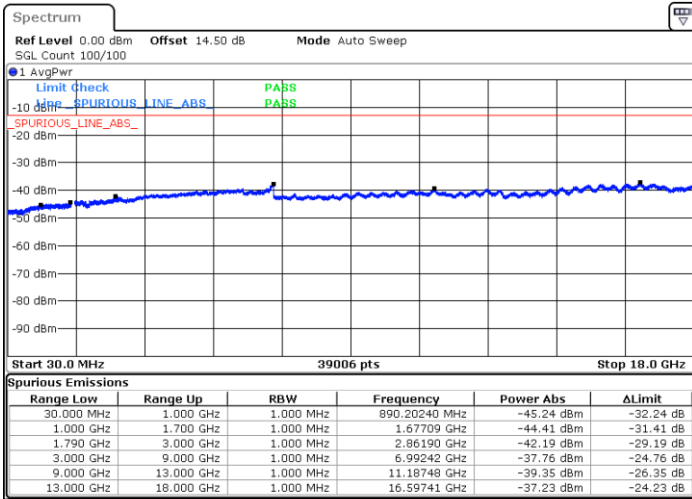


Date: 21.DEC.2020 13:54:34

Date: 21.DEC.2020 13:55:22

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 21.DEC.2020 13:56:53

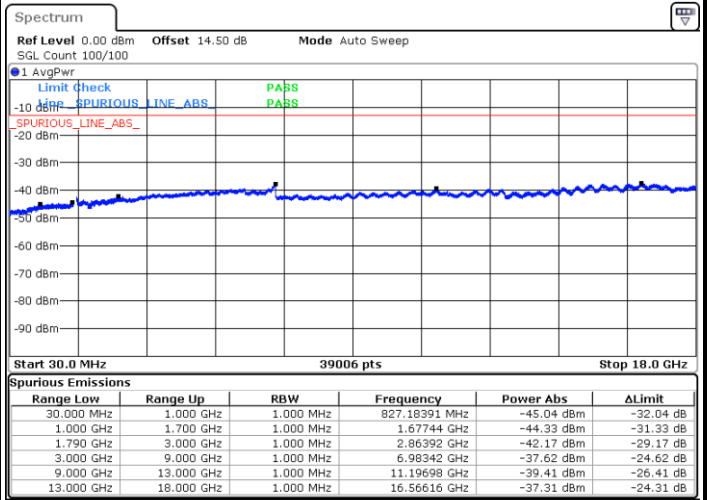
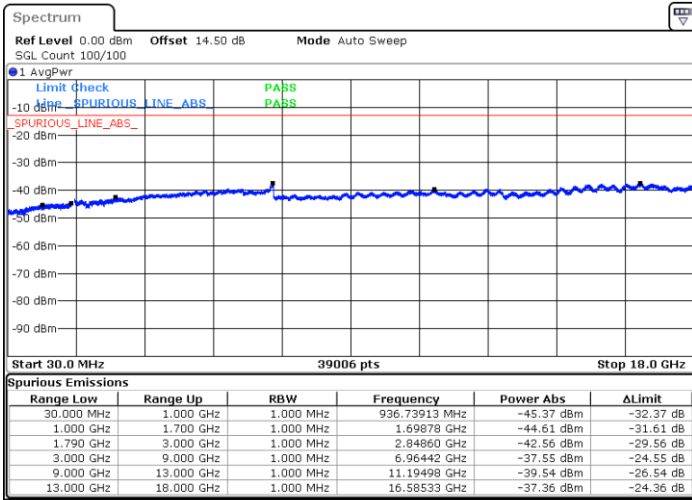
Date: 21.DEC.2020 13:57:40



LTE Band 66 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



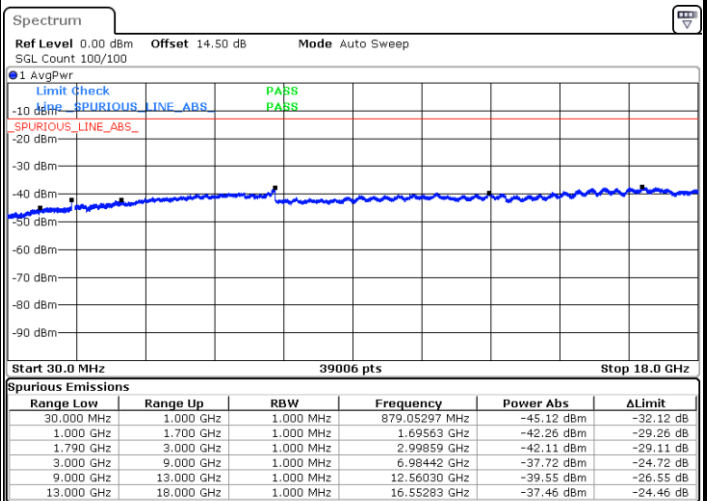
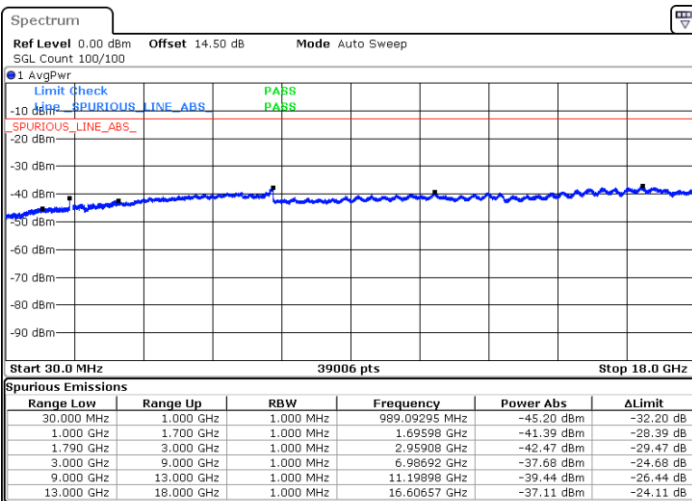
Date: 21.DEC.2020 14:02:11

Date: 21.DEC.2020 14:02:58

LTE Band 66 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 21.DEC.2020 14:51:08

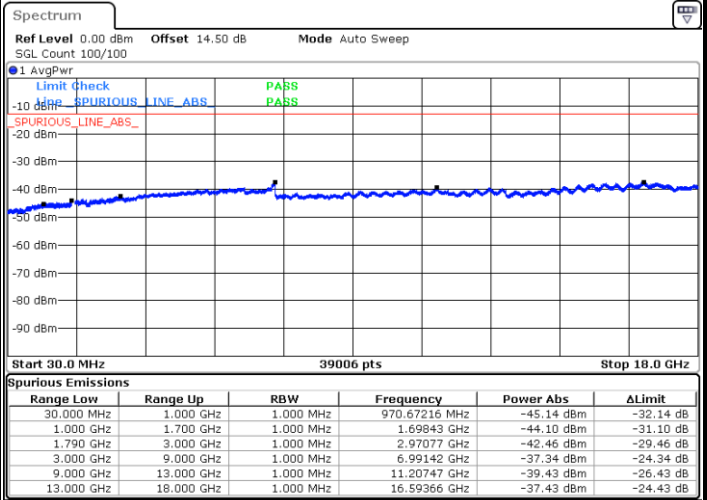
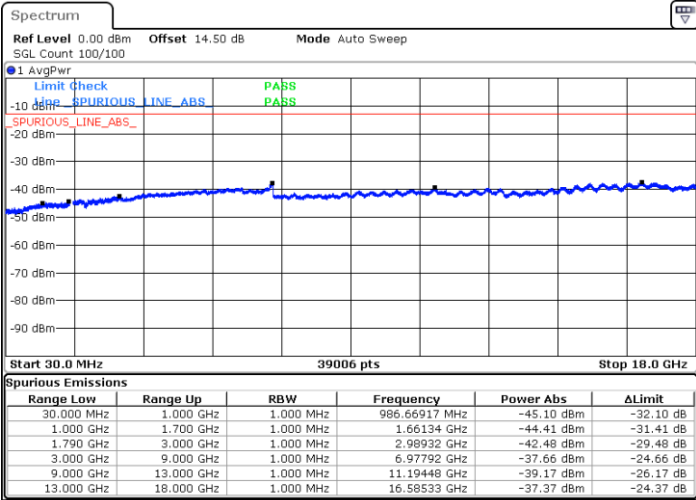
Date: 21.DEC.2020 14:51:55



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

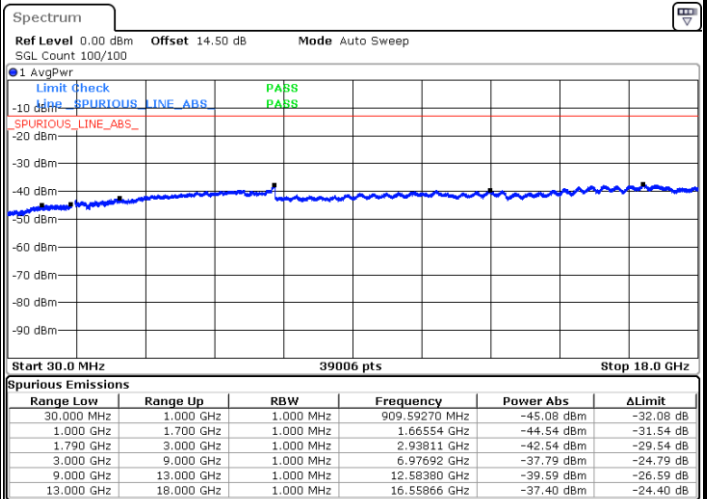
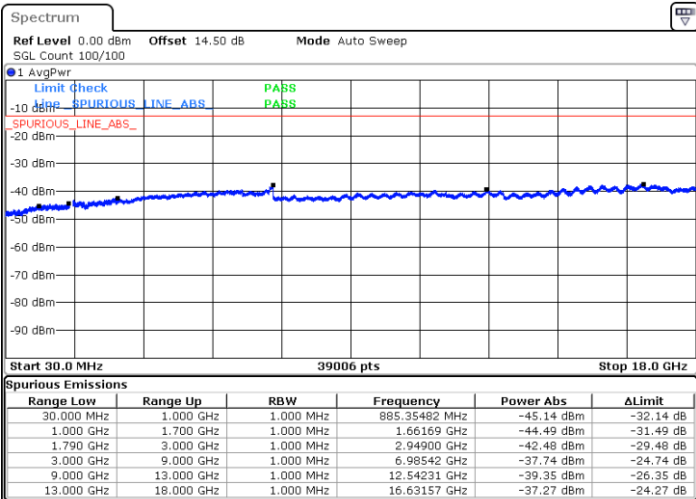


Date: 21.DEC.2020 14:53:26

Date: 21.DEC.2020 14:54:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.DEC.2020 14:58:44

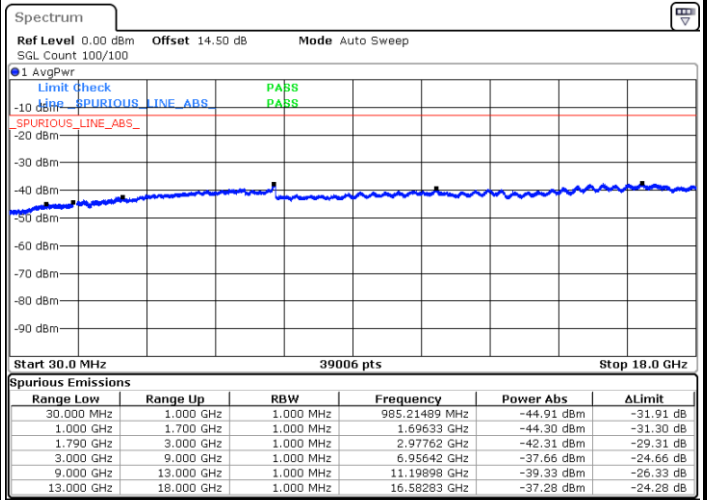
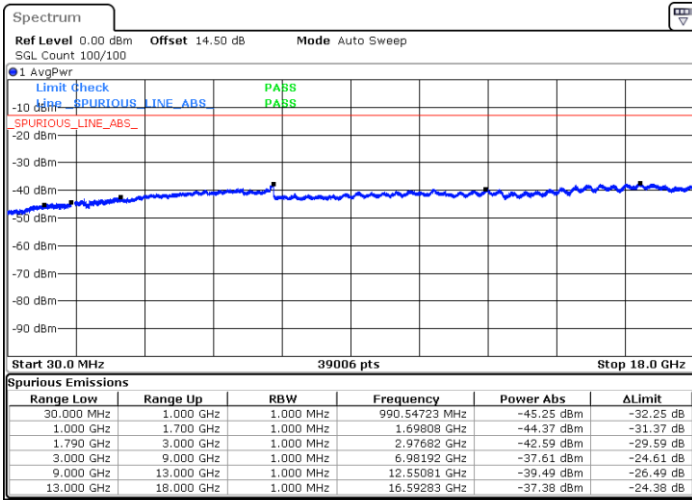
Date: 21.DEC.2020 14:59:31



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

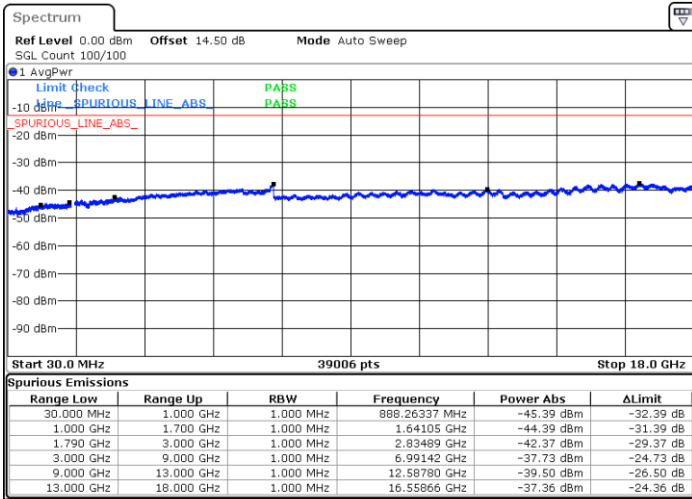
Middle Channel / 64QAM



Date: 21.DEC.2020 10:59:21

Date: 21.DEC.2020 10:18:07

Highest Channel / 64QAM

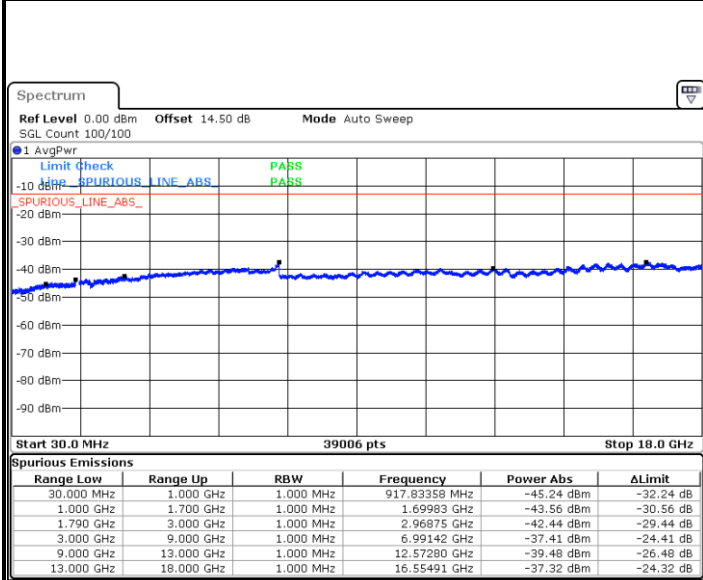


Date: 21.DEC.2020 10:54:24



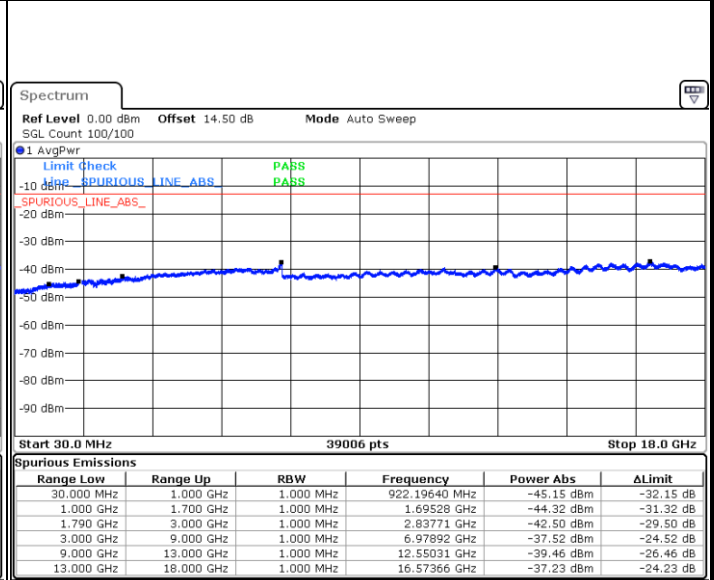
**LTE Band 66 / 3MHz**

**Lowest Channel / 64QAM**



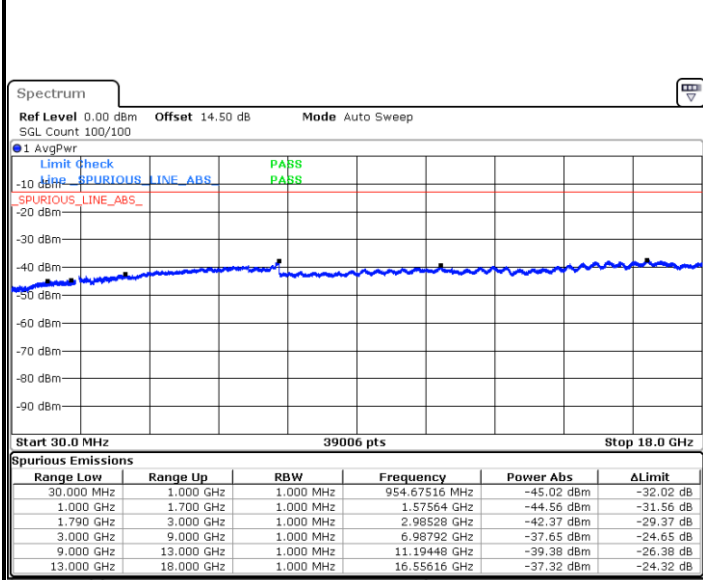
Date: 21.DEC.2020 11:15:56

**Middle Channel / 64QAM**



Date: 21.DEC.2020 11:17:06

**Highest Channel / 64QAM**



Date: 21.DEC.2020 11:19:45

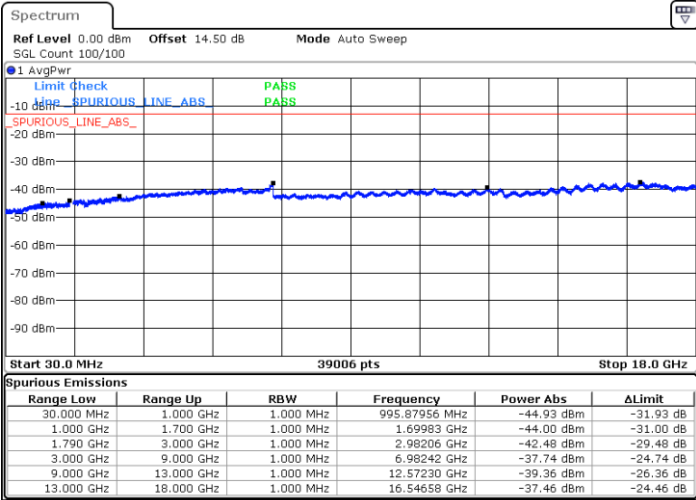




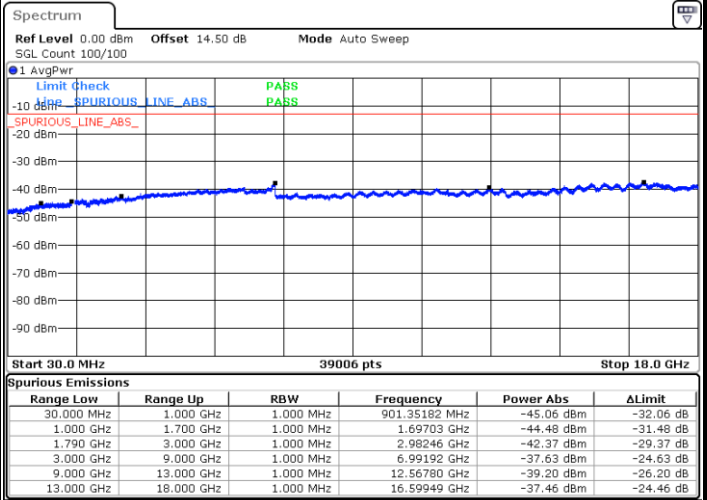
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

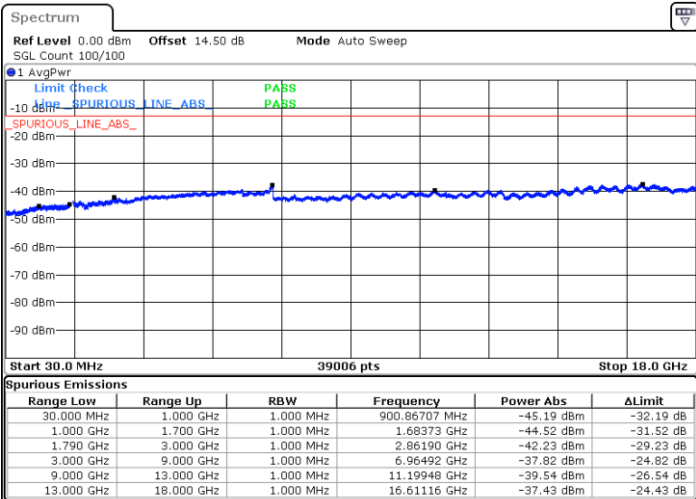


Date: 21.DEC.2020 12:57:30



Date: 21.DEC.2020 12:58:39

Highest Channel / 64QAM



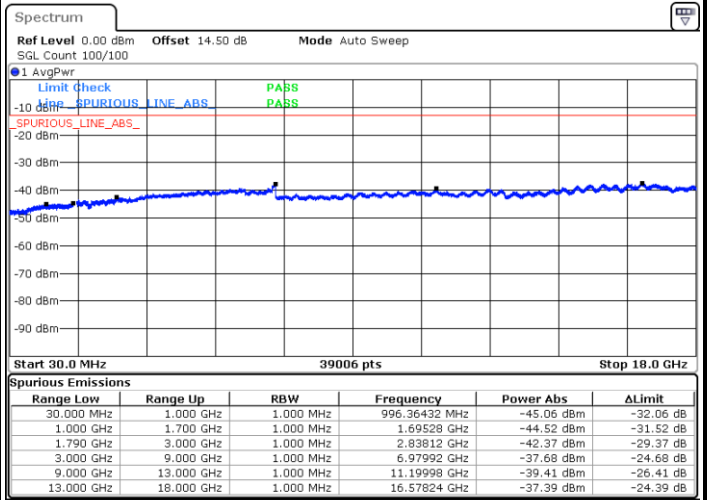
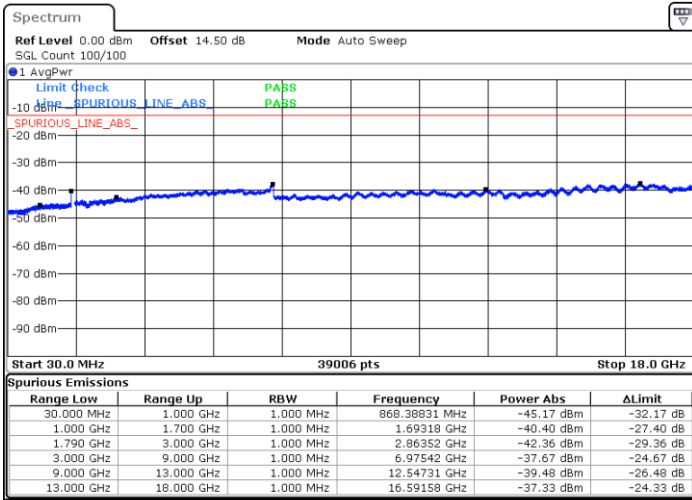
Date: 21.DEC.2020 13:01:19



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

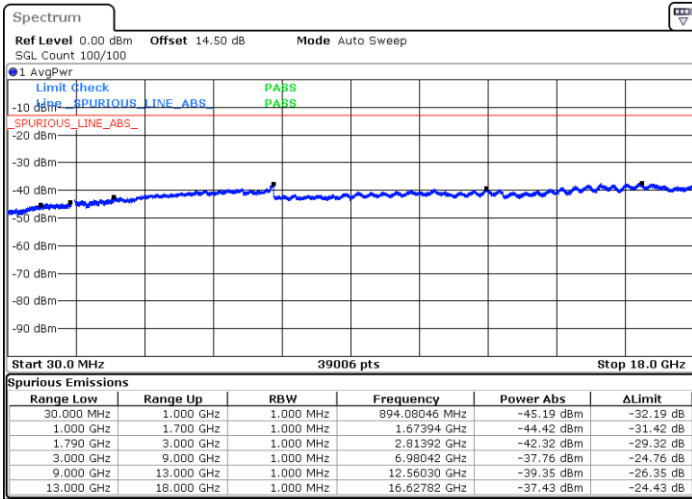
Middle Channel / 64QAM



Date: 21.DEC.2020 13:29:51

Date: 21.DEC.2020 13:31:01

Highest Channel / 64QAM



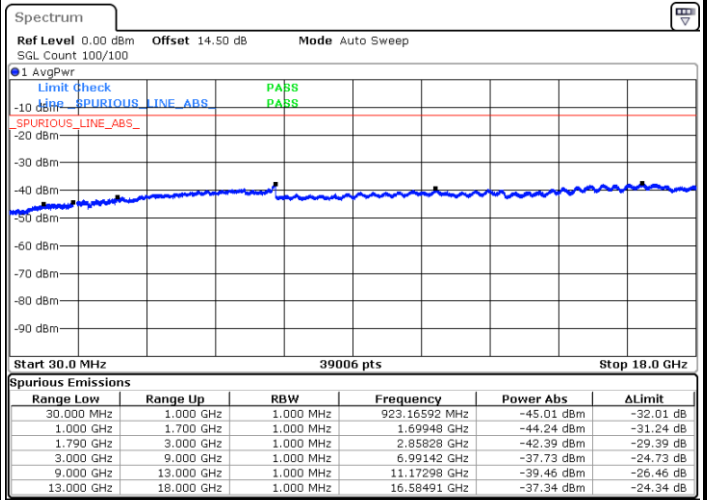
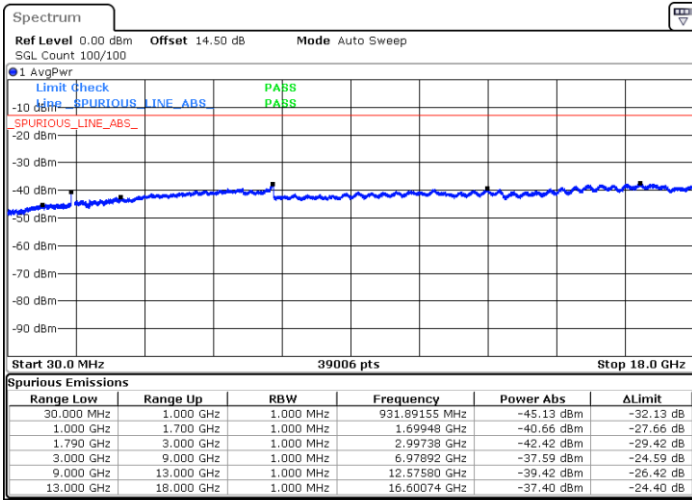
Date: 21.DEC.2020 13:33:40



LTE Band 66 / 15MHz

Lowest Channel / 64QAM

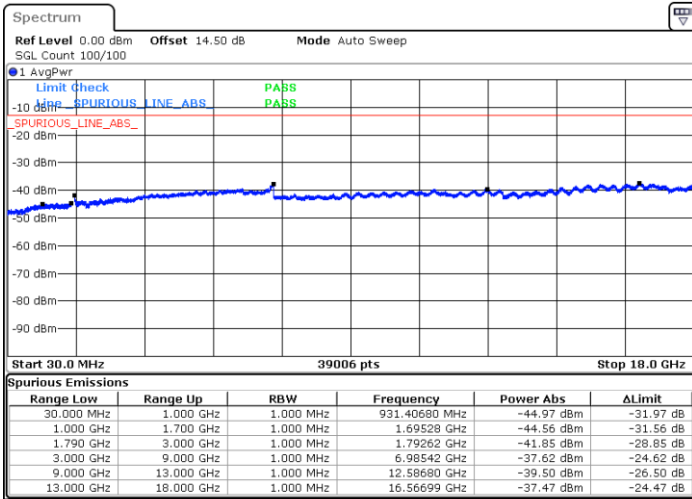
Middle Channel / 64QAM



Date: 21.DEC.2020 13:46:13

Date: 21.DEC.2020 13:47:23

Highest Channel / 64QAM

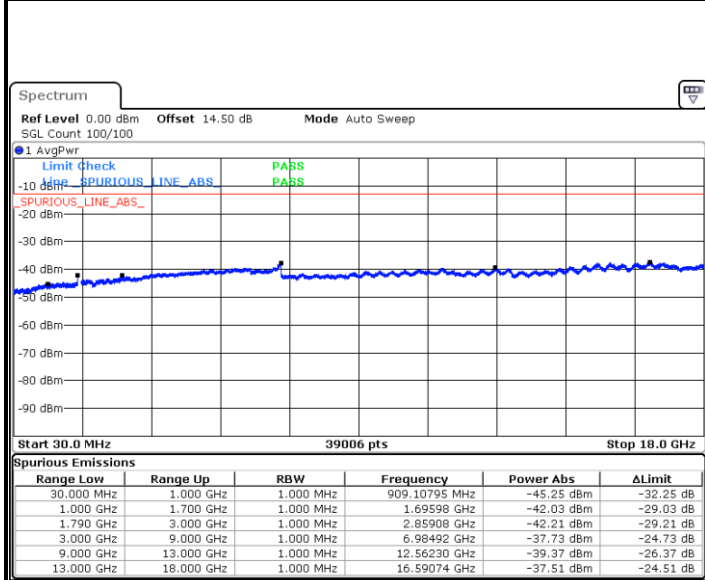


Date: 21.DEC.2020 13:50:03



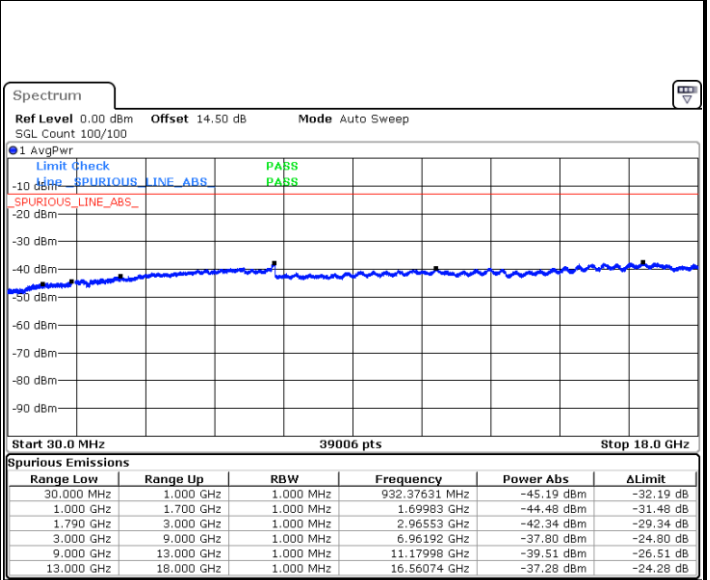
**LTE Band 66 / 20MHz**

**Lowest Channel / 64QAM**



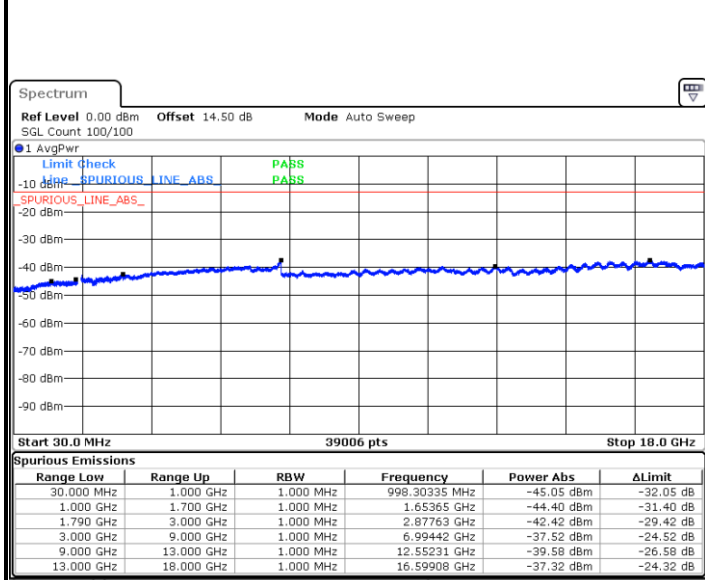
Date: 21.DEC.2020 15:02:10

**Middle Channel / 64QAM**



Date: 21.DEC.2020 15:03:19

**Highest Channel / 64QAM**



Date: 21.DEC.2020 15:05:58



Frequency Stability

| Test Conditions  |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0040                              | PASS    |
| 40               | Normal Voltage    | 0.0049                              |         |
| 30               | Normal Voltage    | 0.0020                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0025                              |         |
| 0                | Normal Voltage    | 0.0037                              |         |
| -10              | Normal Voltage    | 0.0030                              |         |
| -20              | Normal Voltage    | 0.0007                              |         |
| -30              | Normal Voltage    | 0.0016                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0008                              |         |

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 5B

### 26dB Bandwidth

| Mode       | LTE Band 5B : 26dB BW(MHz) |             |            |
|------------|----------------------------|-------------|------------|
| QPSK       |                            |             |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz   | 5MHz+10MHz |
| Lowest CH  | 8.02                       | 8.14        | 14.66      |
| Middle CH  | 8.09                       | 8.12        | 14.60      |
| Highest CH | 8.04                       | 8.10        | 14.69      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Lowest CH  | 14.60                      | 19.70       | -          |
| Middle CH  | 14.63                      | 19.58       | -          |
| Highest CH | 14.60                      | 19.62       | -          |

| Mode       | LTE Band 5B : 26dB BW(MHz) |             |            |
|------------|----------------------------|-------------|------------|
| 16QAM      |                            |             |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz   | 5MHz+10MHz |
| Lowest CH  | 7.99                       | 8.14        | 14.63      |
| Middle CH  | 8.06                       | 8.14        | 14.54      |
| Highest CH | 8.02                       | 8.09        | 14.57      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Lowest CH  | 14.60                      | 19.70       | -          |
| Middle CH  | 14.60                      | 19.54       | -          |
| Highest CH | 14.63                      | 19.78       | -          |

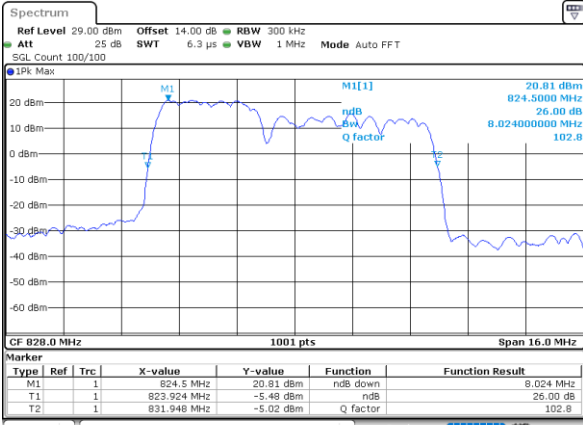
| Mode       | LTE Band 5B : 26dB BW(MHz) |             |            |
|------------|----------------------------|-------------|------------|
| 64QAM      |                            |             |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz   | 5MHz+10MHz |
| Lowest CH  | 8.07                       | 8.15        | 14.60      |
| Middle CH  | 8.07                       | 8.09        | 14.57      |
| Highest CH | 8.04                       | 8.15        | 14.60      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Lowest CH  | 14.60                      | 19.74       | -          |
| Middle CH  | 14.63                      | 19.62       | -          |
| Highest CH | 14.63                      | 19.62       | -          |



LTE Band 5B

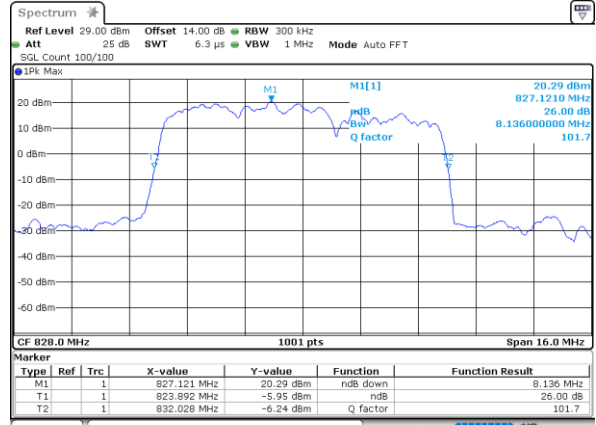
QPSK

Lowest Channel / 3MHz+5MHz



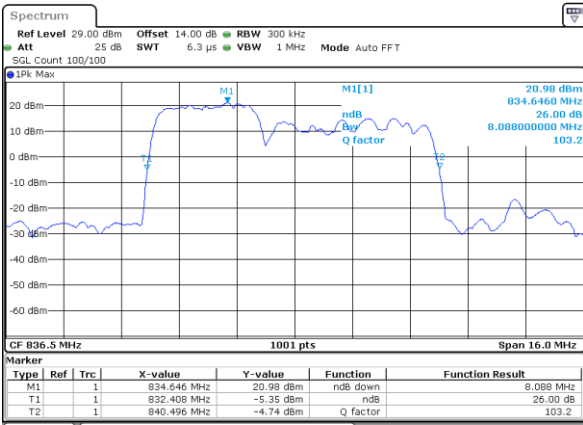
Date: 14\_JAN.2021 00:32:11

Lowest Channel / 5MHz+3MHz



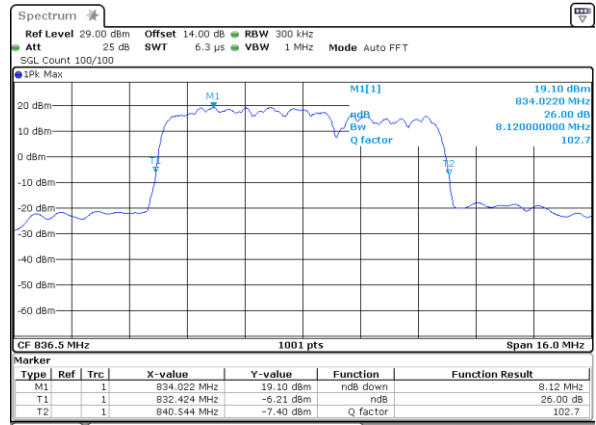
Date: 14\_JAN.2021 01:06:48

Middle Channel / 3MHz+5MHz



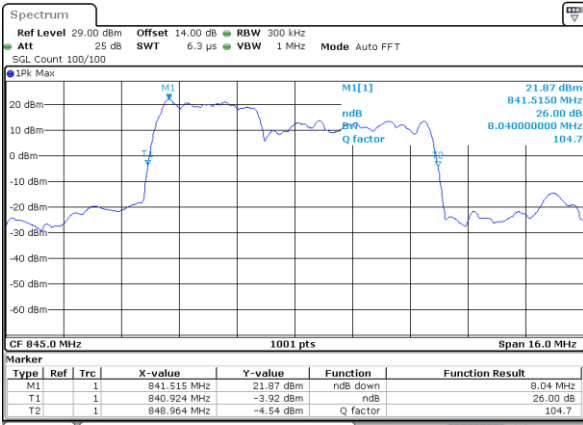
Date: 14\_JAN.2021 00:35:09

Middle Channel / 5MHz+3MHz



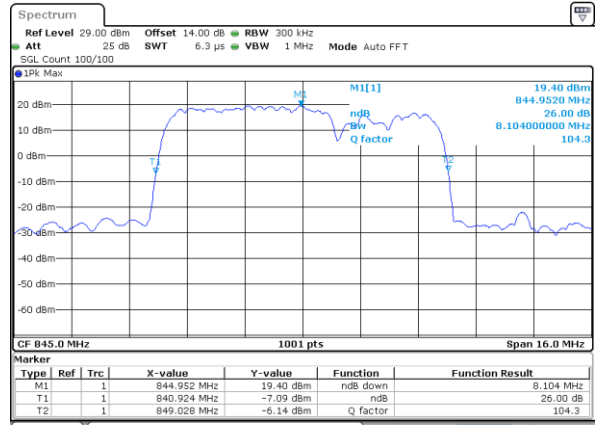
Date: 14\_JAN.2021 01:19:21

Highest Channel / 3MHz+5MHz



Date: 14\_JAN.2021 00:36:22

Highest Channel / 5MHz+3MHz



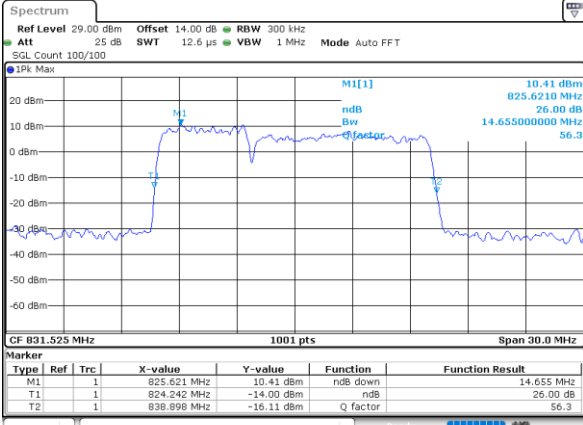
Date: 14\_JAN.2021 01:29:50



LTE Band 5B

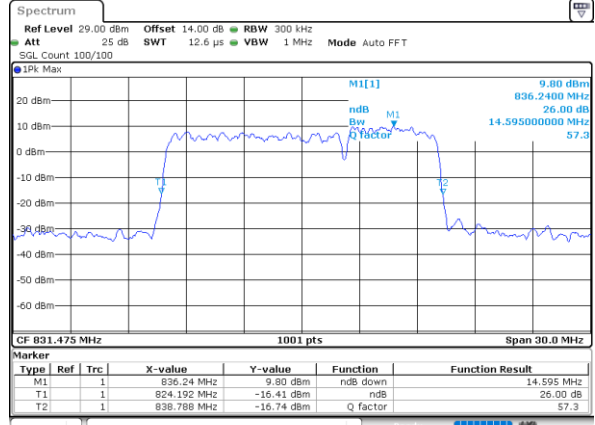
QPSK

Lowest Channel / 5MHz+10MHz



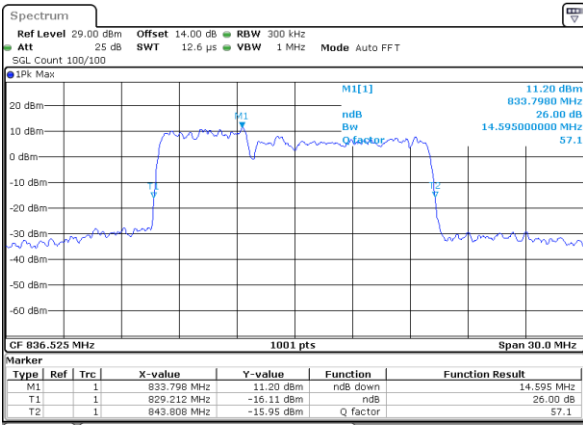
Date: 14\_JAN.2021 22:53:11

Lowest Channel / 10MHz+5MHz



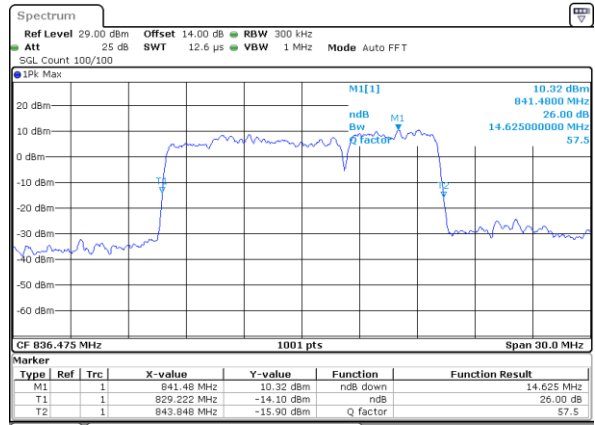
Date: 15\_JAN.2021 00:20:41

Middle Channel / 5MHz+10MHz



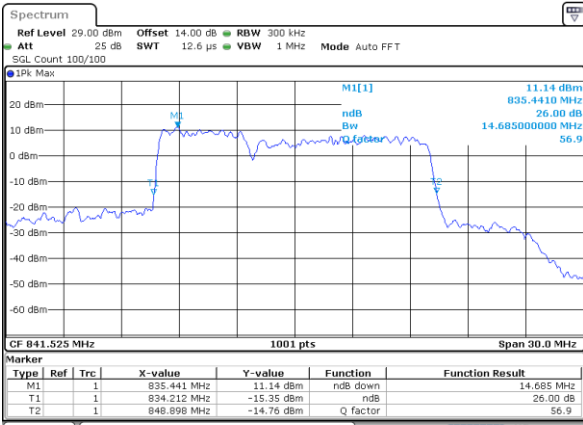
Date: 14\_JAN.2021 23:15:07

Middle Channel / 10MHz+5MHz



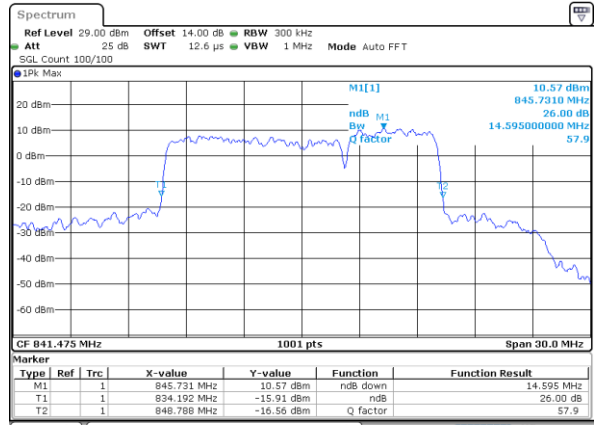
Date: 15\_JAN.2021 00:41:24

Highest Channel / 5MHz+10MHz



Date: 14\_JAN.2021 23:24:42

Highest Channel / 10MHz+5MHz



Date: 15\_JAN.2021 00:56:16



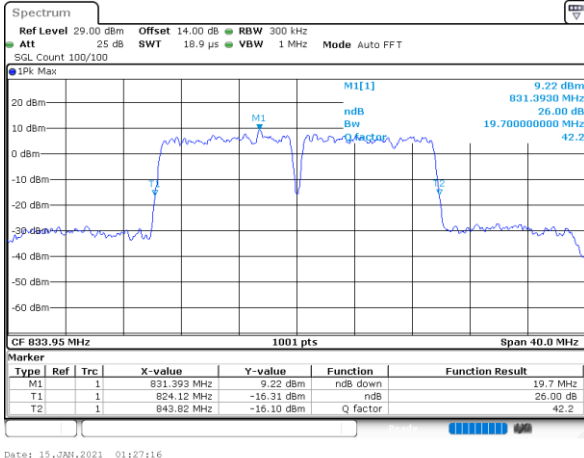


LTE Band 5B

QPSK

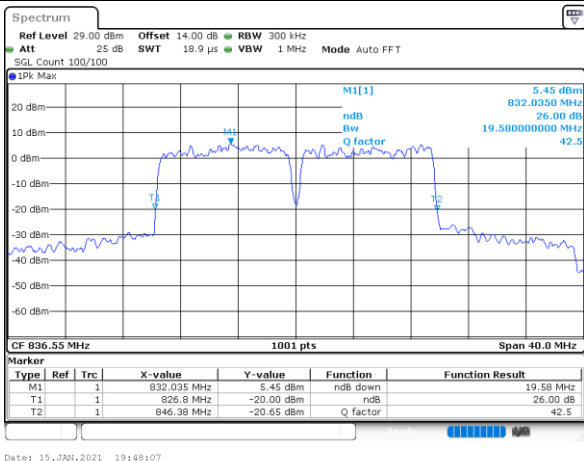
Lowest Channel / 10MHz+10MHz

N/A



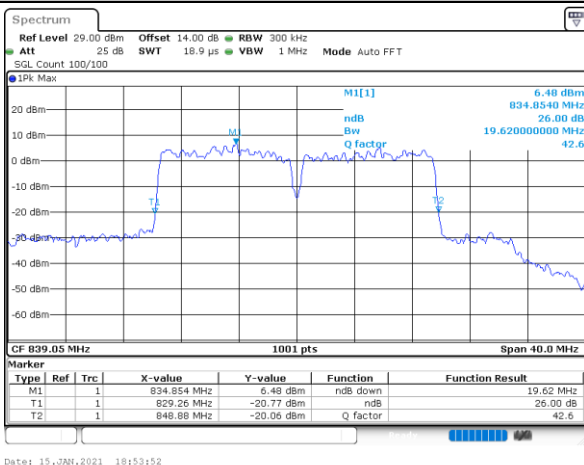
Middle Channel / 10MHz+10MHz

N/A



Highest Channel / 10MHz+10MHz

N/A

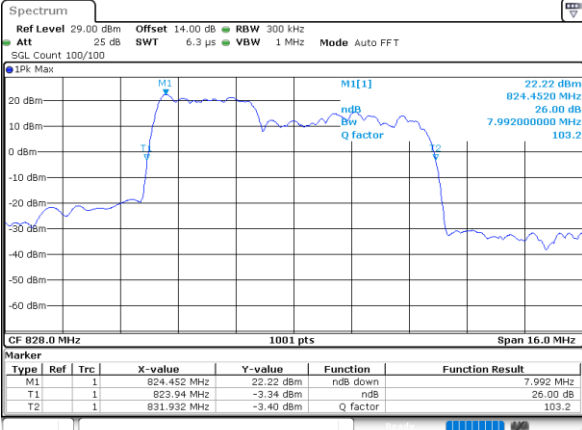




LTE Band 5B

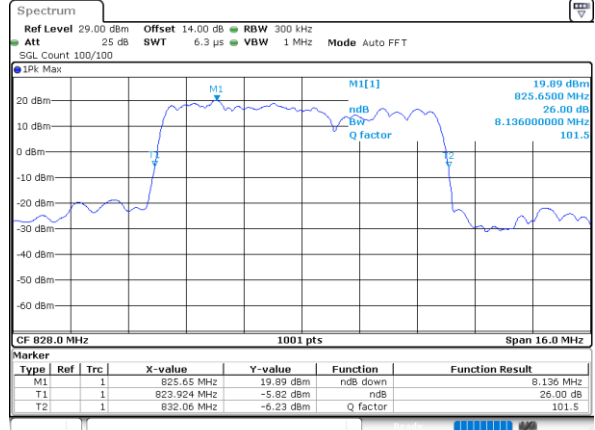
16QAM

Lowest Channel / 3MHz+5MHz



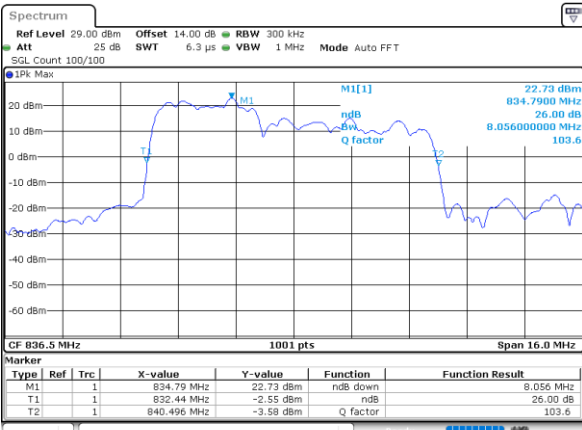
Date: 14.JAN.2021 00:32:39

Lowest Channel / 5MHz+3MHz



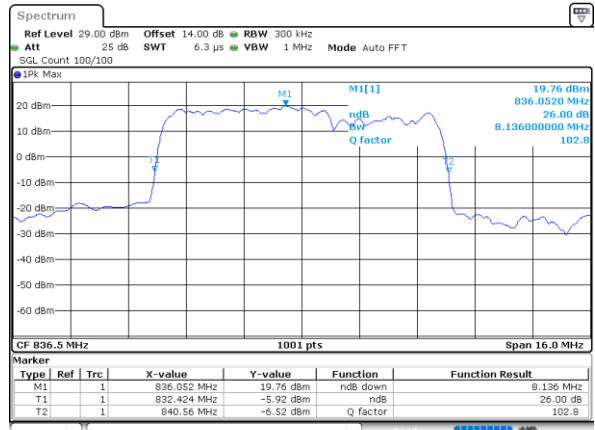
Date: 14.JAN.2021 01:07:10

Middle Channel / 3MHz+5MHz



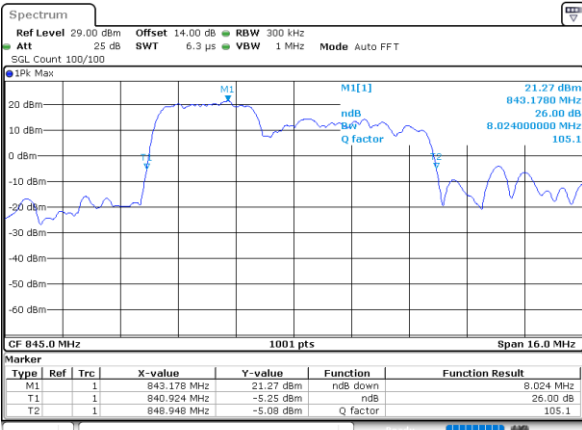
Date: 14.JAN.2021 00:34:28

Middle Channel / 5MHz+3MHz



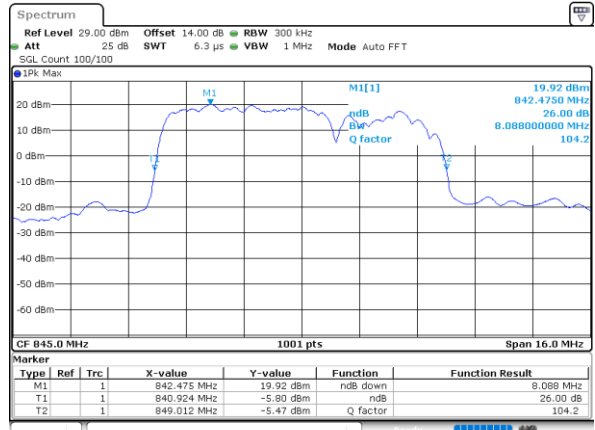
Date: 14.JAN.2021 01:11:49

Highest Channel / 3MHz+5MHz



Date: 14.JAN.2021 00:36:52

Highest Channel / 5MHz+3MHz



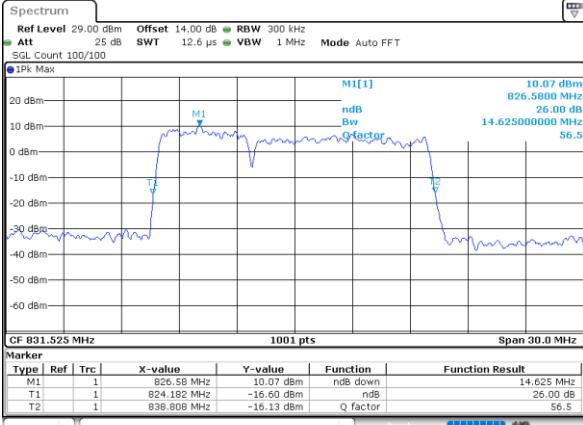
Date: 14.JAN.2021 01:33:14



LTE Band 5B

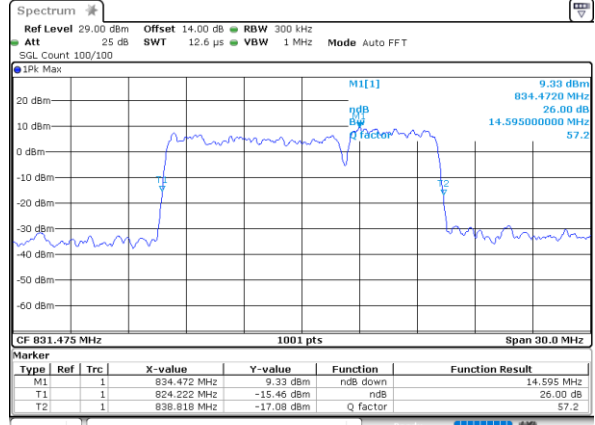
16QAM

Lowest Channel / 5MHz+10MHz



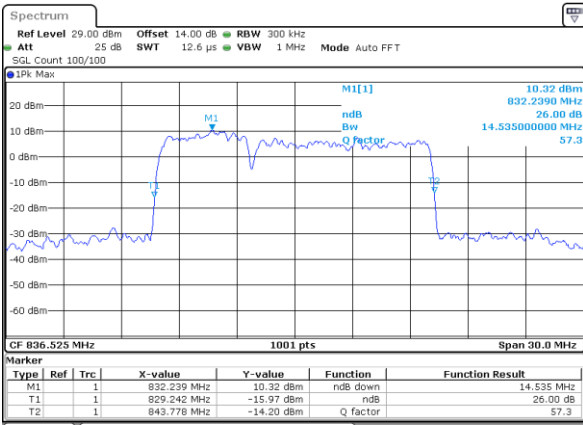
Date: 14.JAN.2021 22:55:11

Lowest Channel / 10MHz+5MHz



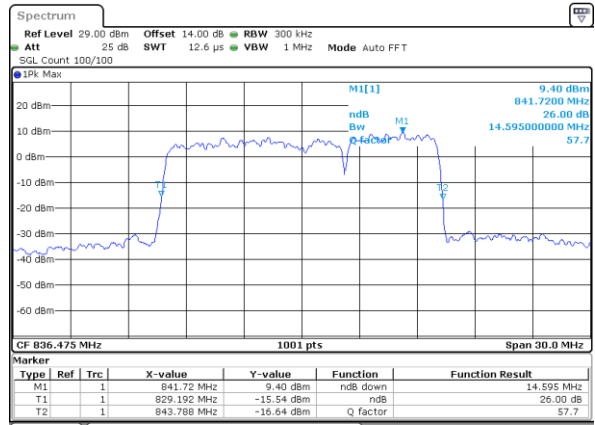
Date: 15.JAN.2021 00:23:09

Middle Channel / 5MHz+10MHz



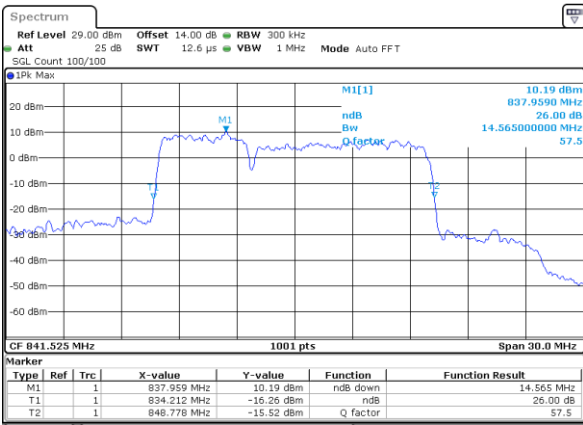
Date: 14.JAN.2021 23:13:27

Middle Channel / 10MHz+5MHz



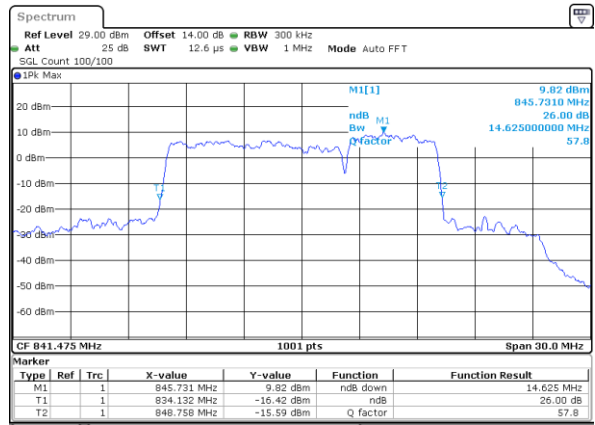
Date: 15.JAN.2021 00:42:33

Highest Channel / 5MHz+10MHz



Date: 14.JAN.2021 23:27:16

Highest Channel / 10MHz+5MHz



Date: 15.JAN.2021 00:58:31