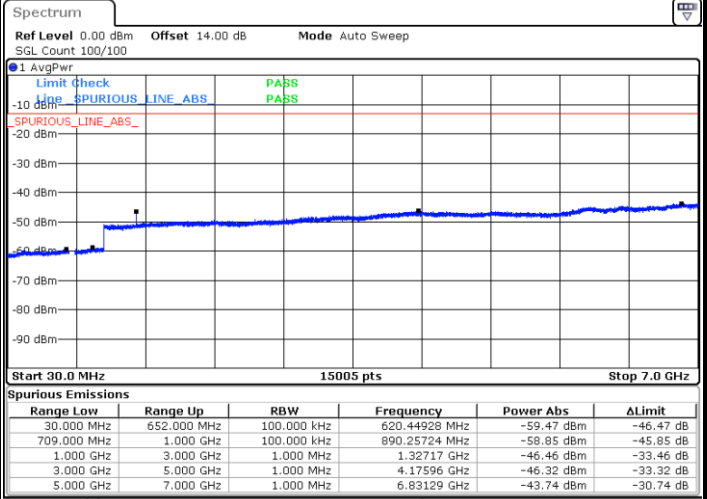
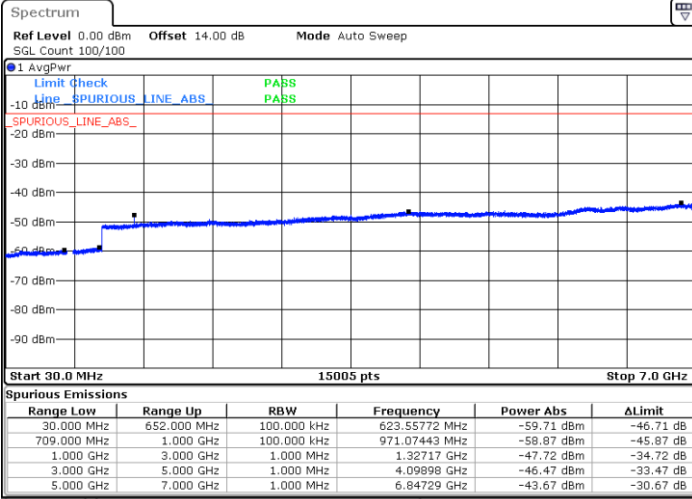




LTE Band 71 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

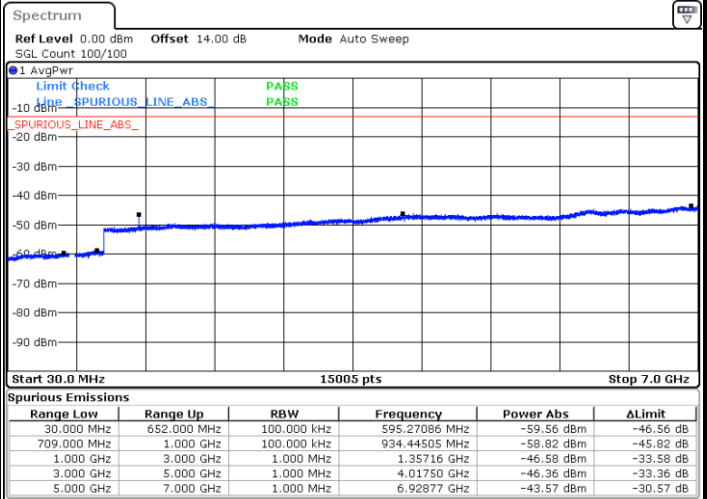
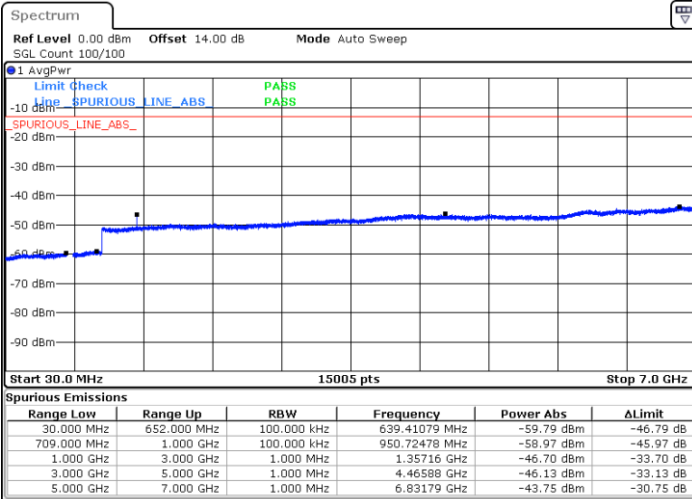


Date: 19.DEC.2020 10:35:19

Date: 19.DEC.2020 10:34:13

Middle Channel / QPSK

Middle Channel / 16QAM



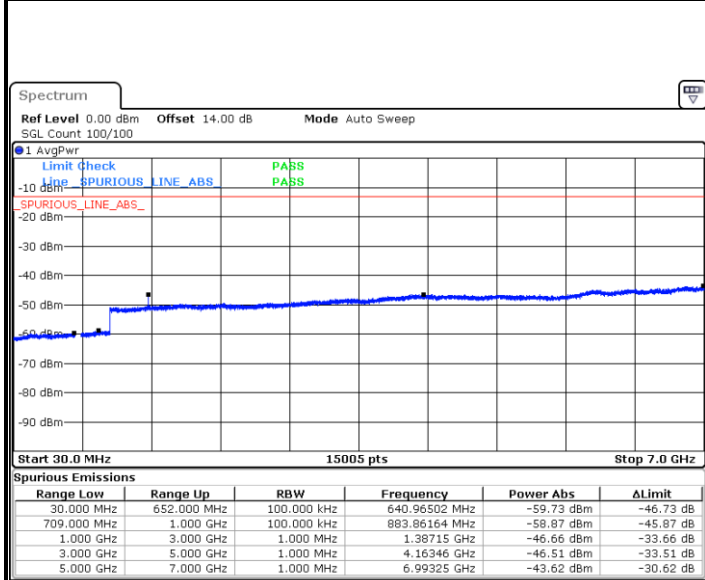
Date: 19.DEC.2020 10:37:20

Date: 19.DEC.2020 10:37:55



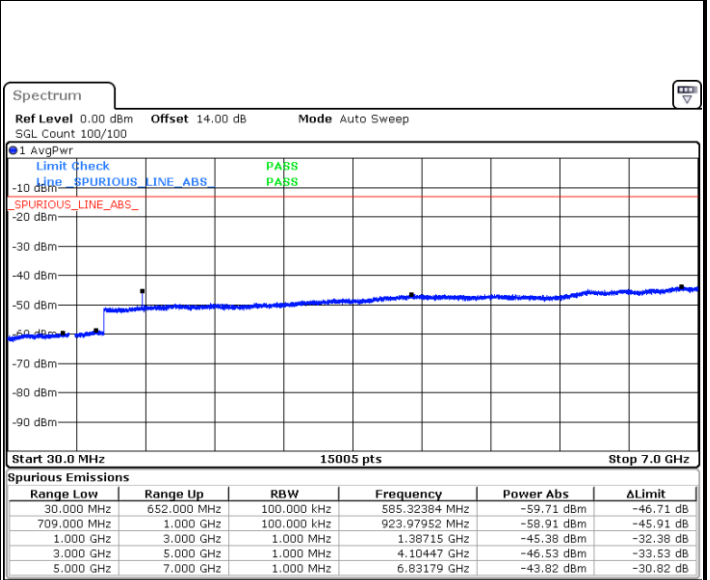
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 19.DEC.2020 10:44:35

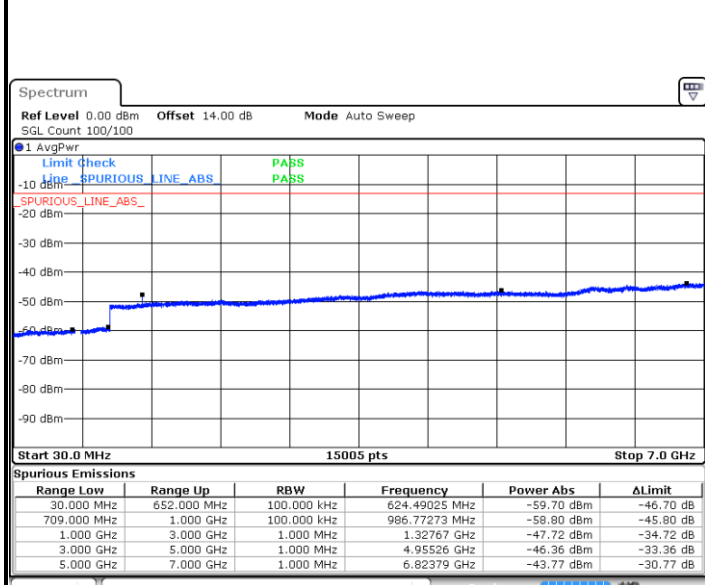
Highest Channel / 16QAM



Date: 19.DEC.2020 10:44:18

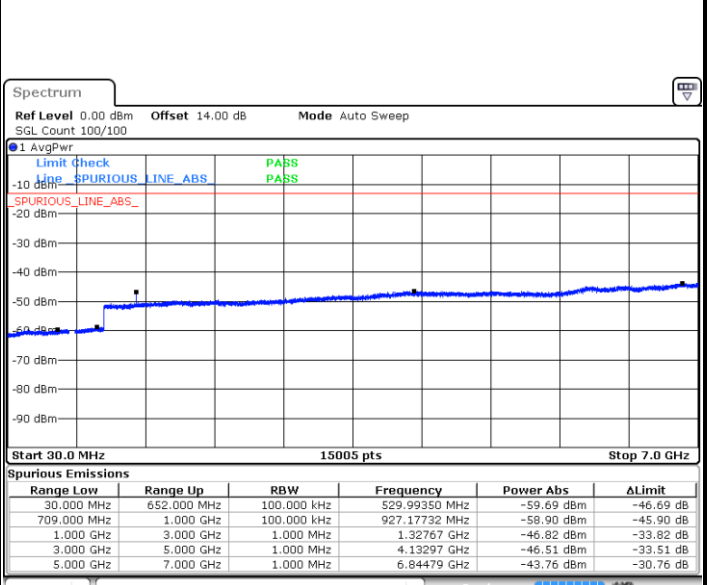
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 19.DEC.2020 10:53:51

Lowest Channel / 16QAM



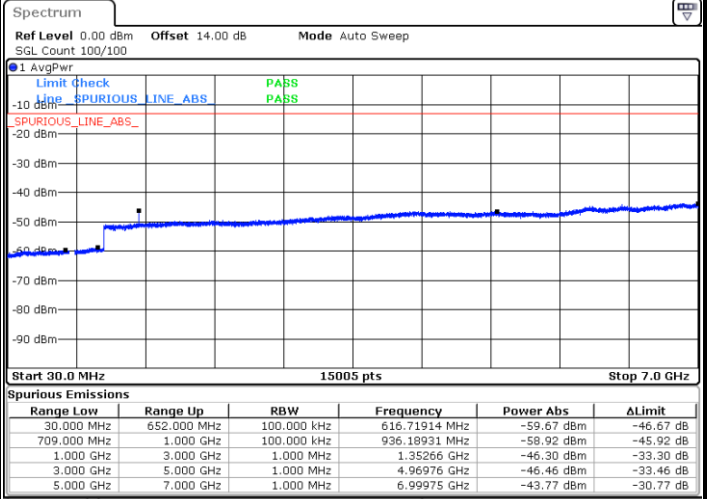
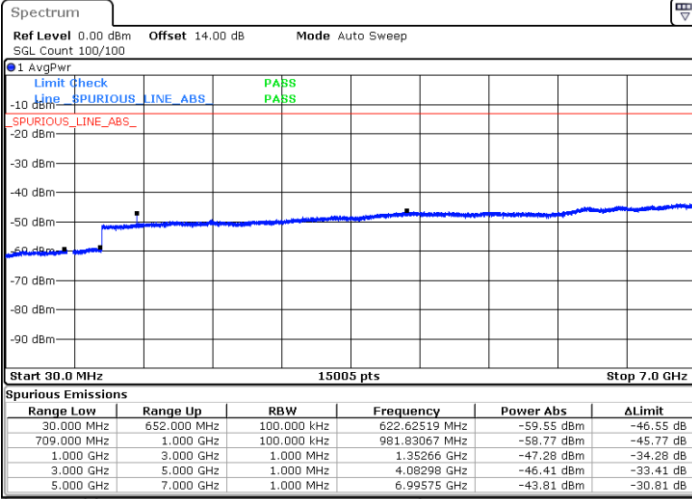
Date: 19.DEC.2020 10:52:55



LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

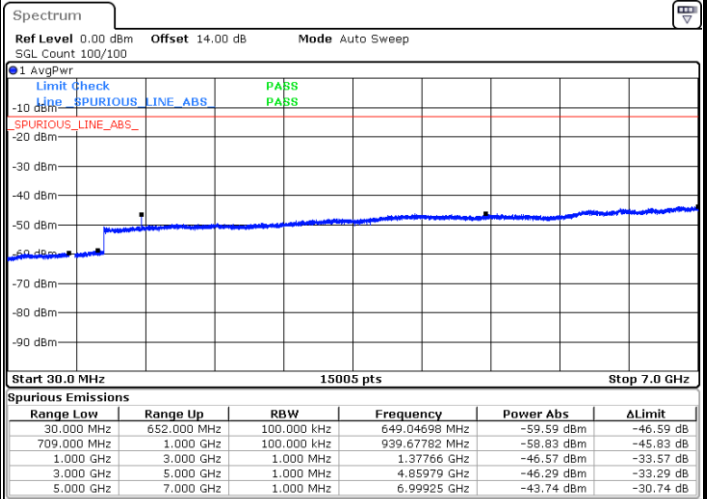
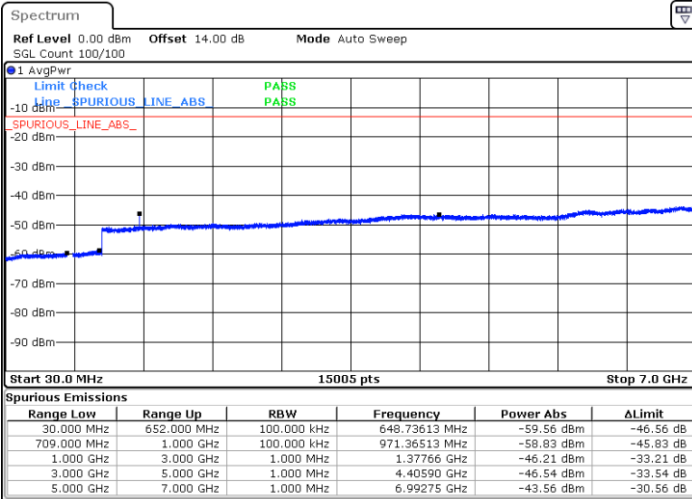


Date: 19 DEC.2020 10:54:26

Date: 19 DEC.2020 10:54:55

Highest Channel / QPSK

Highest Channel / 16QAM



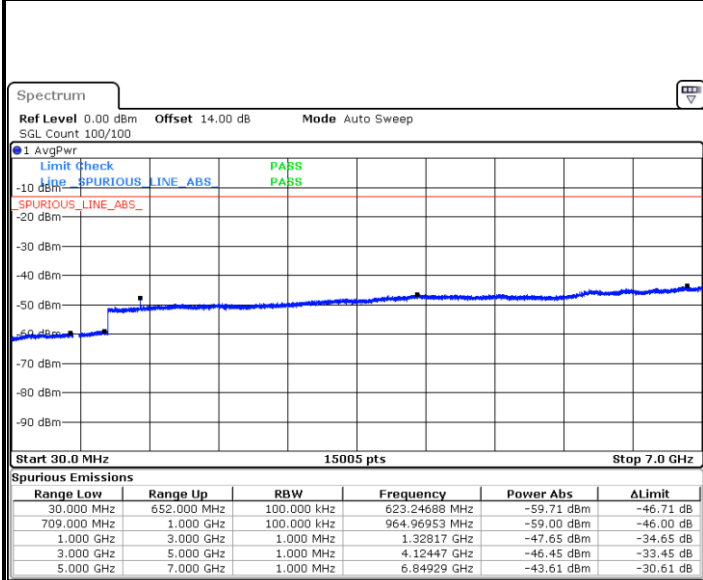
Date: 19 DEC.2020 11:01:00

Date: 19 DEC.2020 11:00:42



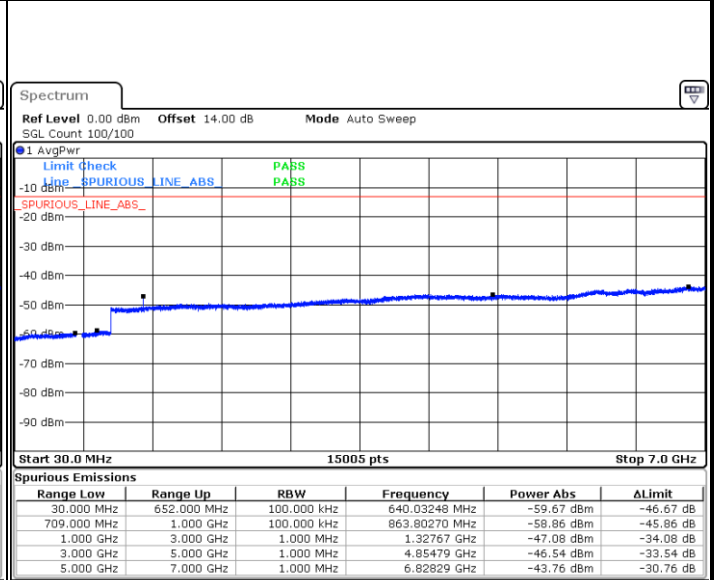
LTE Band 71 / 15MHz

Lowest Channel / QPSK



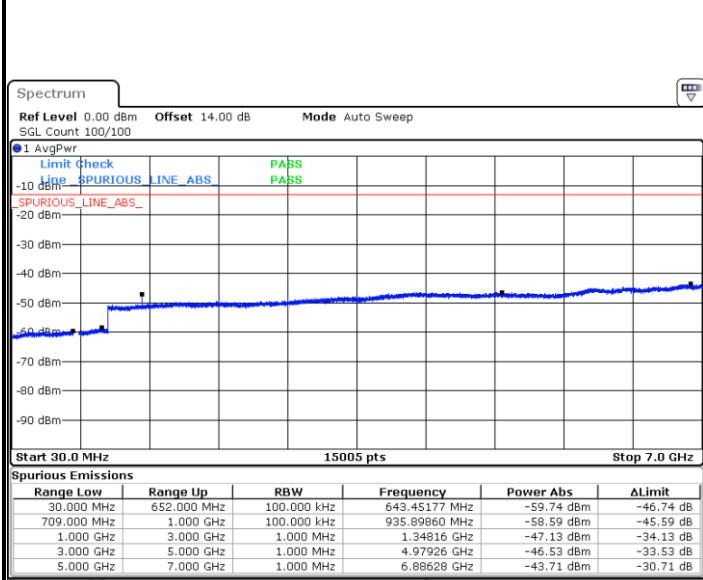
Date: 19 DEC 2020 11:09:54

Lowest Channel / 16QAM



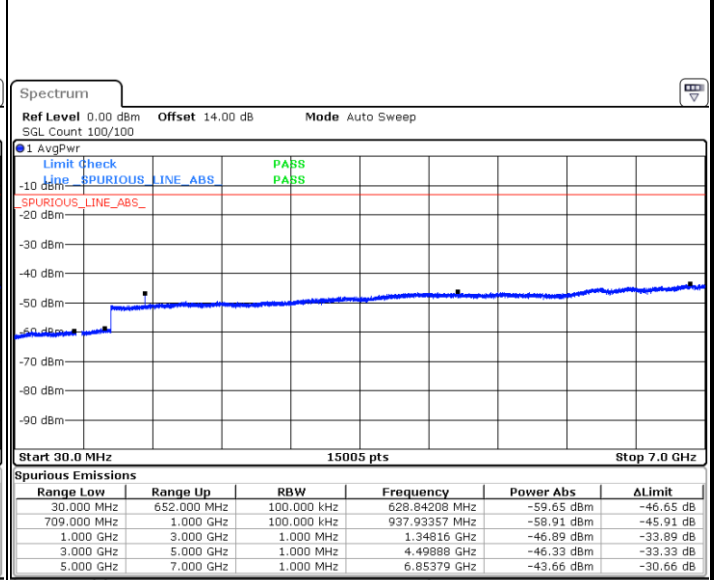
Date: 19 DEC 2020 11:08:56

Middle Channel / QPSK



Date: 19 DEC 2020 11:10:41

Middle Channel / 16QAM

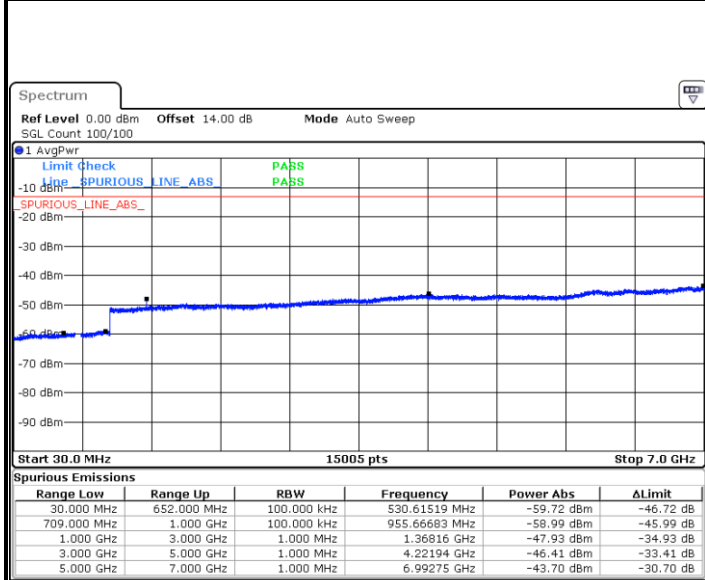


Date: 19 DEC 2020 11:11:01



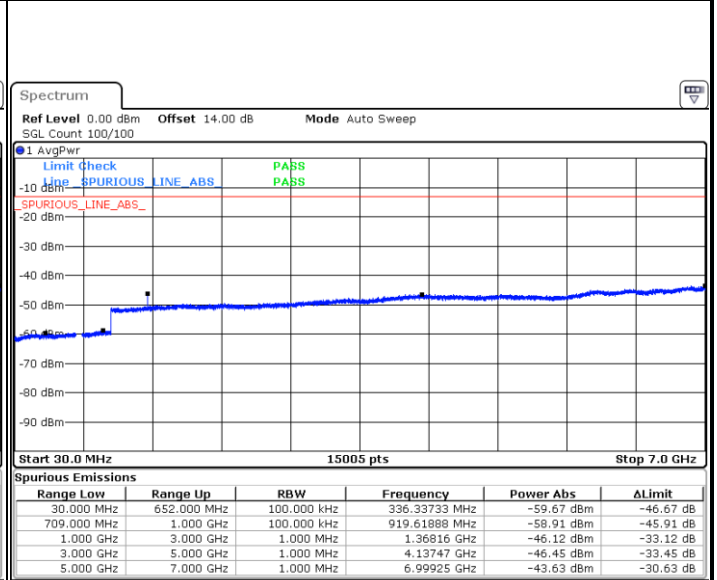
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 19.DEC.2020 11:19:42

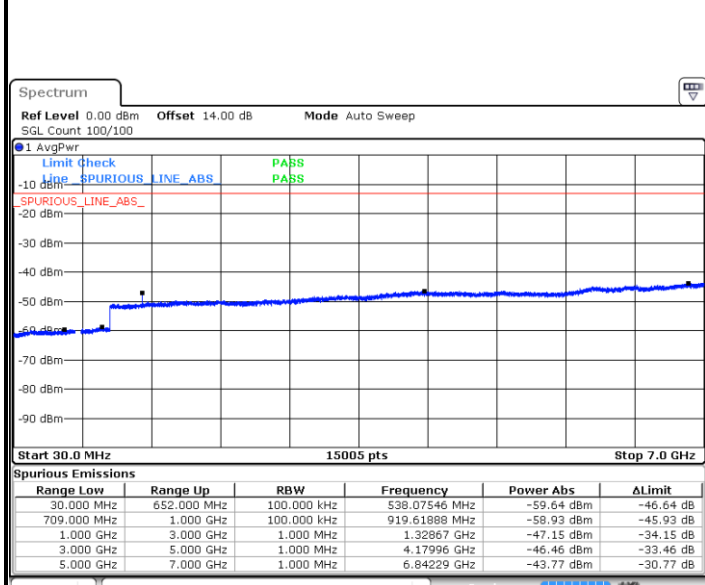
Highest Channel / 16QAM



Date: 19.DEC.2020 11:19:24

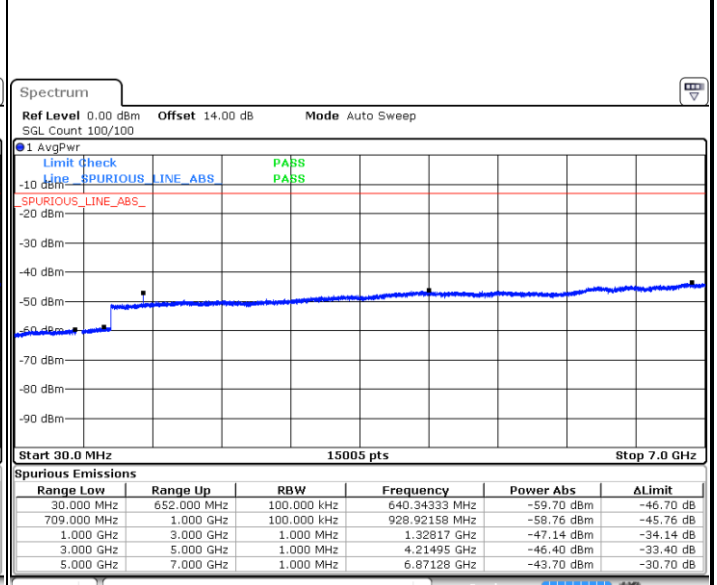
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 19.DEC.2020 11:49:21

Lowest Channel / 16QAM

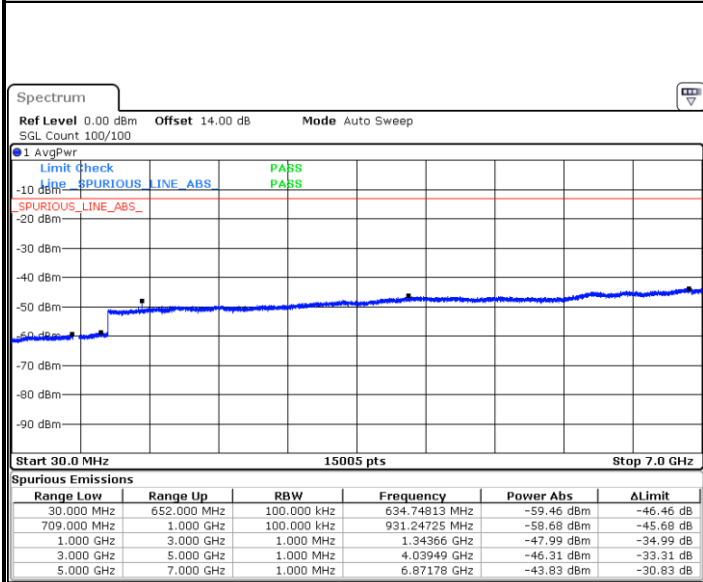


Date: 19.DEC.2020 11:48:54



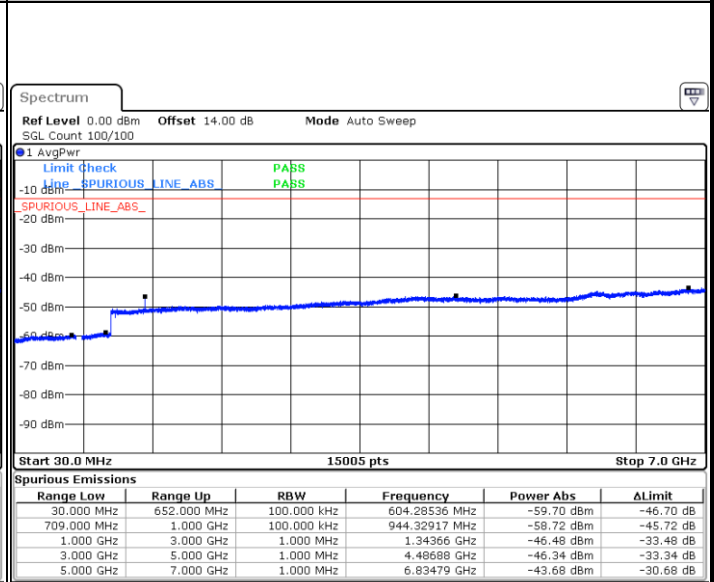
LTE Band 71 / 20MHz

Middle Channel / QPSK



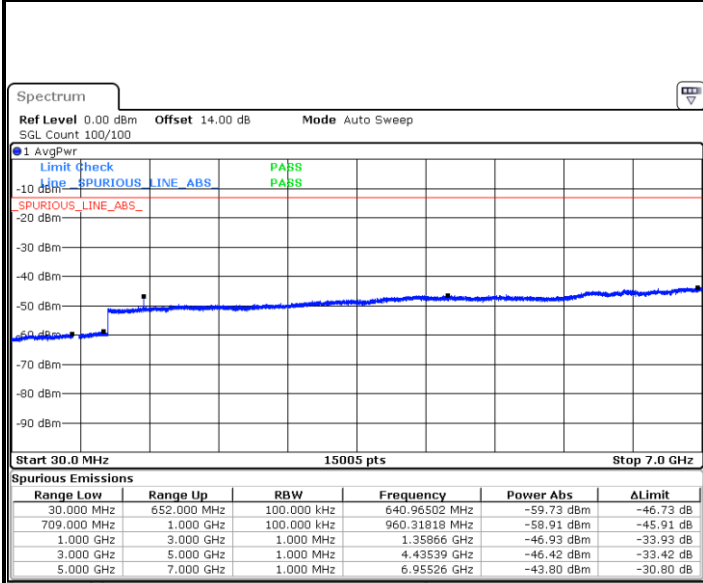
Date: 19.DEC.2020 12:12:23

Middle Channel / 16QAM



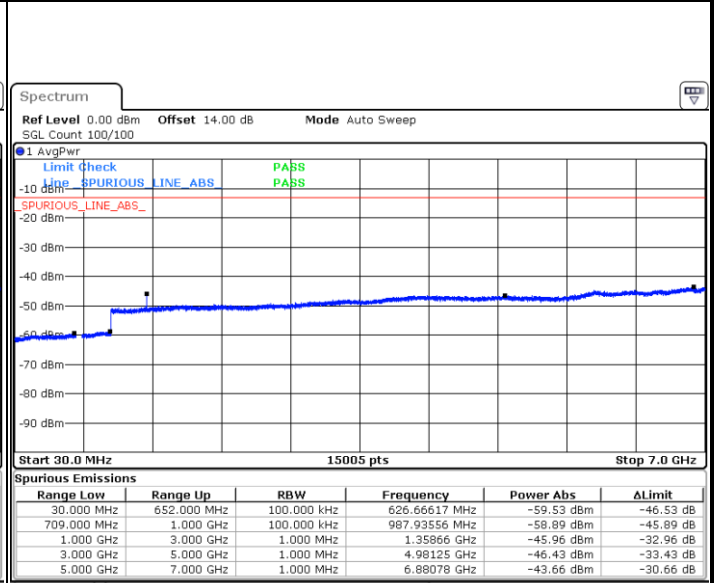
Date: 19.DEC.2020 12:12:43

Highest Channel / QPSK



Date: 19.DEC.2020 12:18:58

Highest Channel / 16QAM



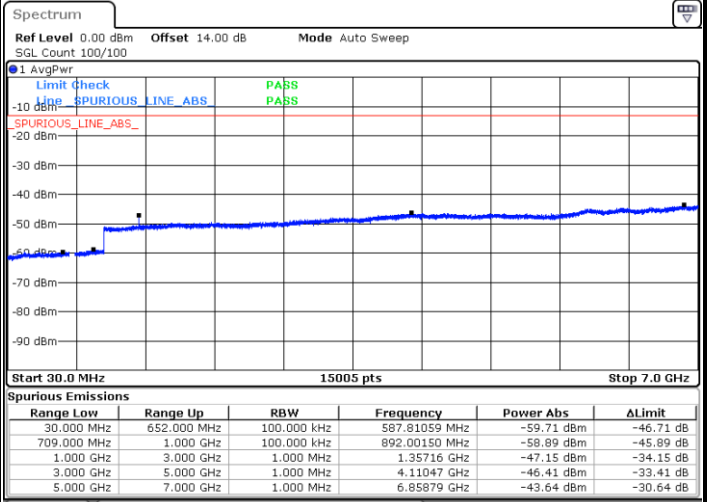
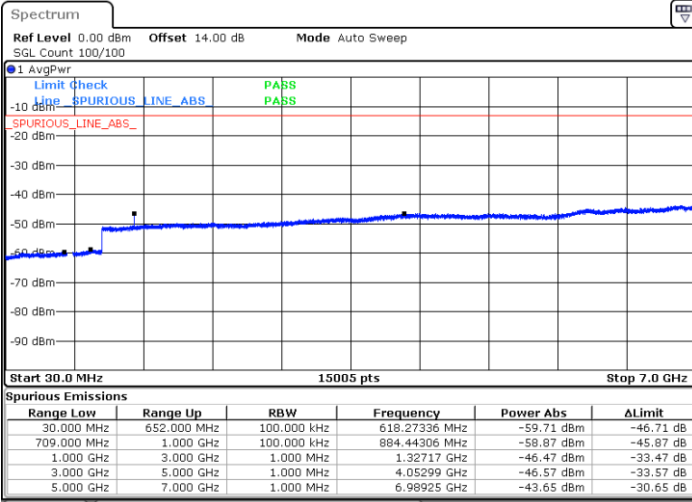
Date: 19.DEC.2020 12:18:36



LTE Band 71 / 5MHz

Lowest Channel / 64QAM

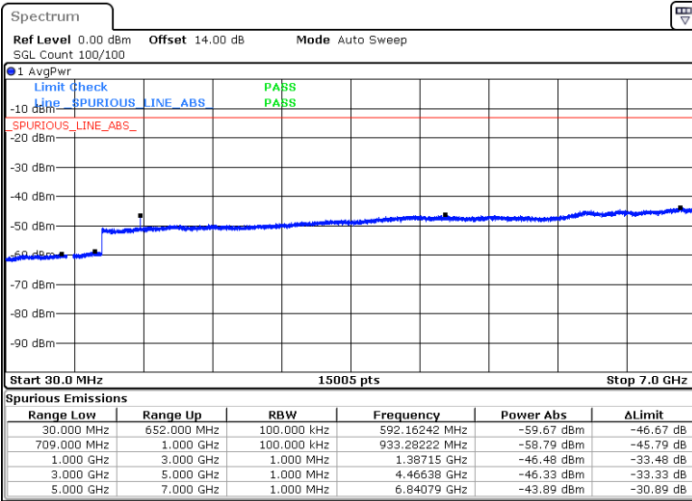
Middle Channel / 64QAM



Date: 19.DEC.2020 10:31:34

Date: 19.DEC.2020 10:38:15

Highest Channel / 64QAM



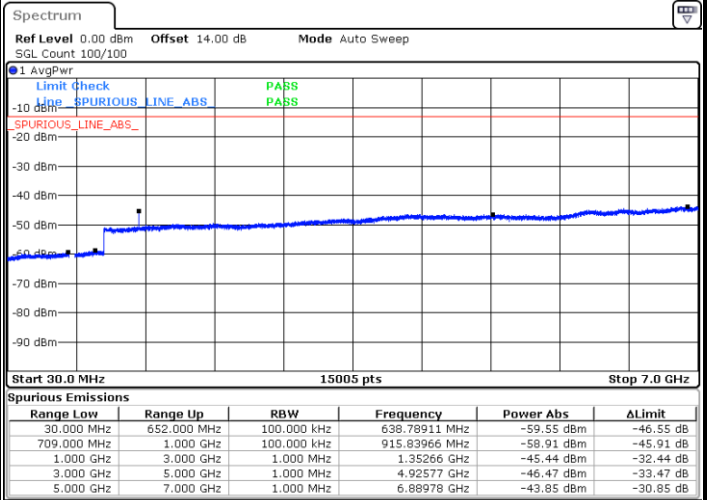
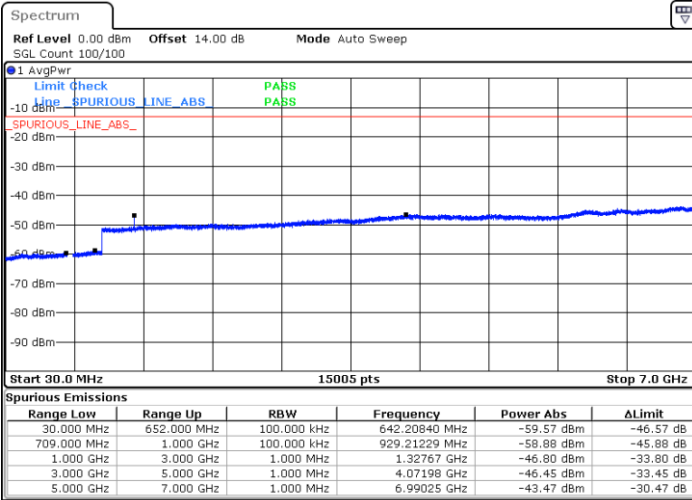
Date: 19.DEC.2020 10:43:59



LTE Band 71 / 10MHz

Lowest Channel / 64QAM

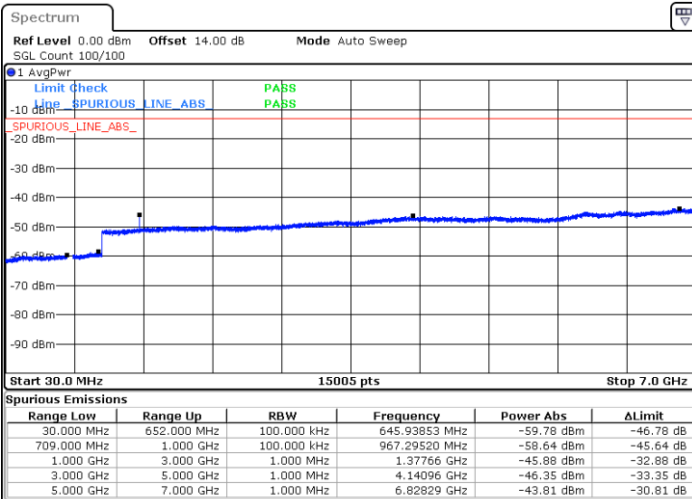
Middle Channel / 64QAM



Date: 19.DEC.2020 10:52:05

Date: 19.DEC.2020 10:55:15

Highest Channel / 64QAM



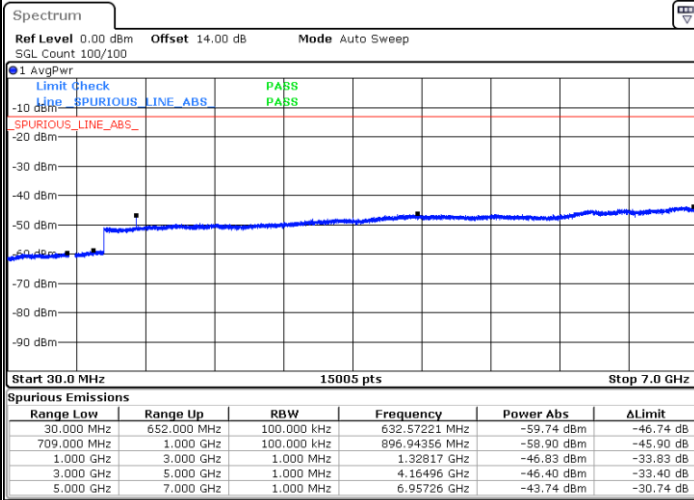
Date: 19.DEC.2020 11:00:20



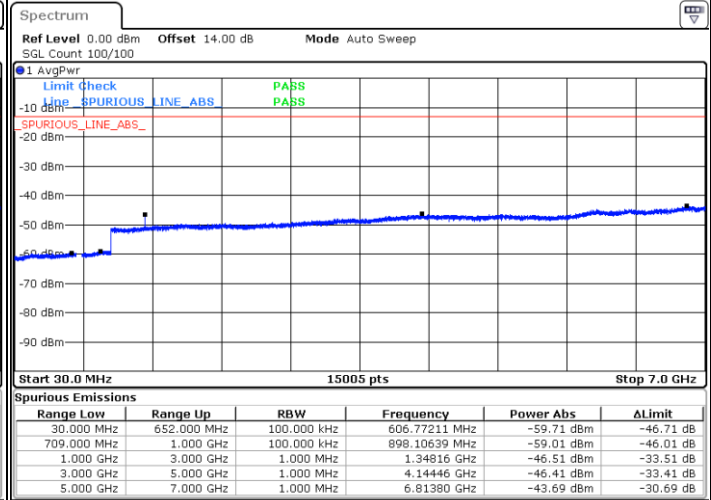
LTE Band 71 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

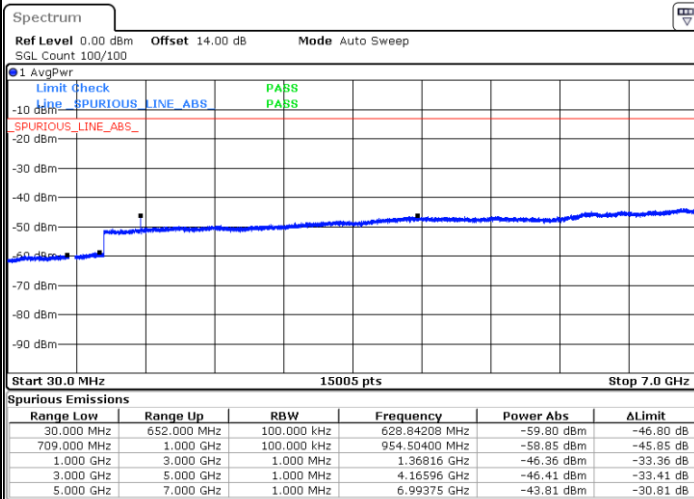


Date: 19.DEC.2020 11:07:50



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

Highest Channel / 64QAM

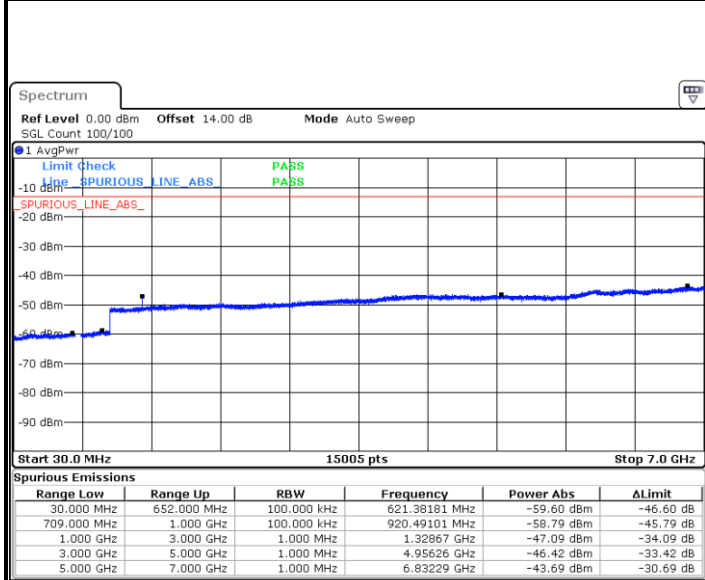


Date: 19.DEC.2020 11:19:05



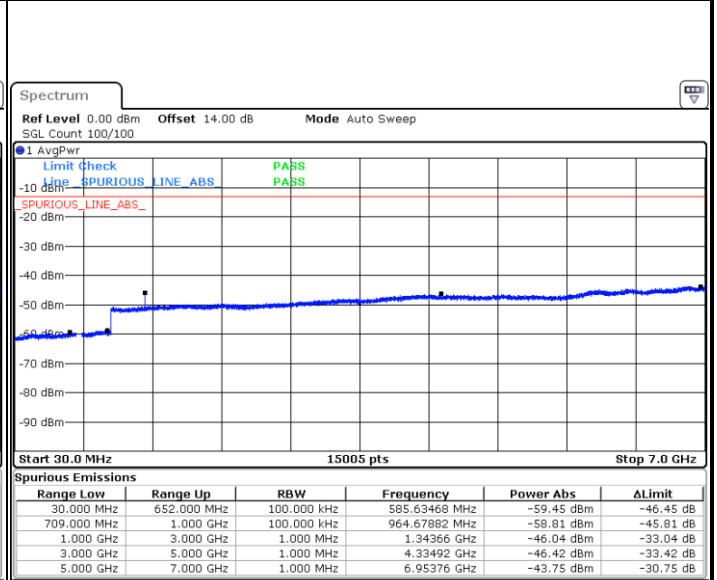
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



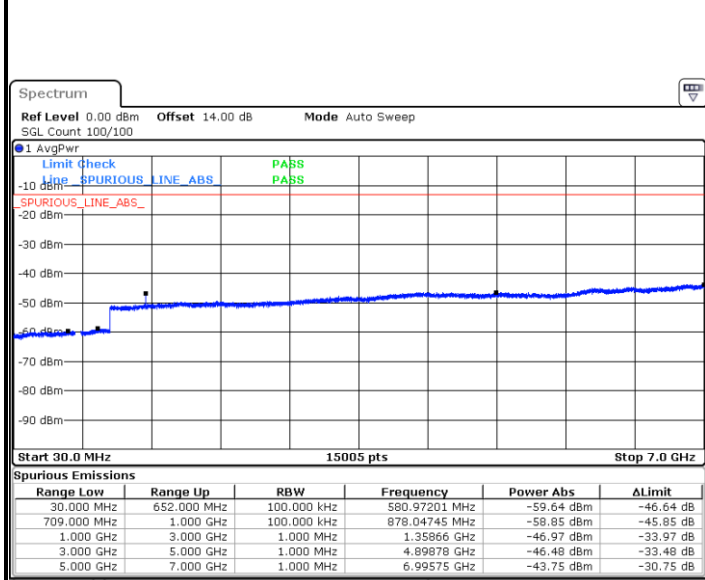
Date: 19.DEC.2020 11:48:36

Middle Channel / 64QAM



Date: 19.DEC.2020 12:13:02

Highest Channel / 64QAM



Date: 19.DEC.2020 12:18:12



Frequency Stability

| Test Conditions | | LTE Band 71 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0013 | PASS |
| 40 | Normal Voltage | 0.0041 | |
| 30 | Normal Voltage | 0.0029 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0009 | |
| 0 | Normal Voltage | 0.0010 | |
| -10 | Normal Voltage | 0.0022 | |
| -20 | Normal Voltage | 0.0037 | |
| -30 | Normal Voltage | 0.0031 | |
| 20 | Maximum Voltage | 0.0032 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0017 | |

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 7C

26dB Bandwidth

| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|------------|----------------------------|-------------|-------------|-------------|
| QPSK | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 29.79 | 25.13 | 30.33 | 34.62 |
| Middle CH | 29.85 | 25.23 | 30.57 | 34.69 |
| Highest CH | 29.79 | 25.18 | 30.33 | 34.69 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 29.91 | 34.83 | 39.72 | - |
| Middle CH | 30.03 | 34.97 | 39.80 | - |
| Highest CH | 29.91 | 34.76 | 39.80 | - |

| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|------------|----------------------------|-------------|-------------|-------------|
| 16QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 29.61 | 25.13 | 30.51 | 34.76 |
| Middle CH | 29.85 | 25.08 | 30.51 | 34.69 |
| Highest CH | 29.61 | 25.13 | 30.63 | 34.76 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 29.97 | 34.76 | 39.80 | - |
| Middle CH | 29.97 | 34.83 | 39.80 | - |
| Highest CH | 29.85 | 34.90 | 39.80 | - |

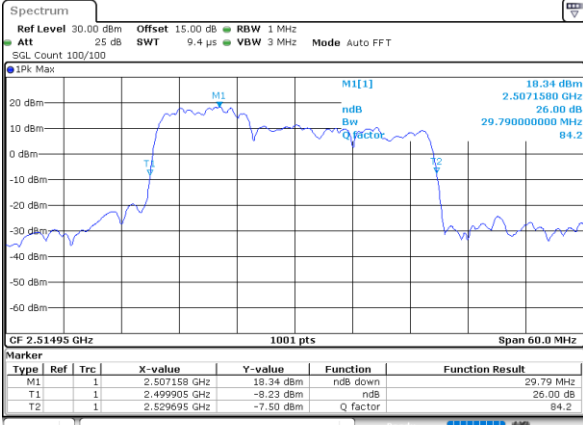
| Mode | LTE Band 7C : 26dB BW(MHz) | | | |
|------------|----------------------------|-------------|-------------|-------------|
| 64QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 29.67 | 25.08 | 30.39 | 34.90 |
| Middle CH | 29.79 | 25.23 | 30.51 | 34.83 |
| Highest CH | 29.85 | 25.08 | 30.45 | 34.76 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 29.79 | 34.90 | 39.72 | - |
| Middle CH | 29.85 | 34.76 | 39.56 | - |
| Highest CH | 29.97 | 34.69 | 39.80 | - |



LTE Band 7C

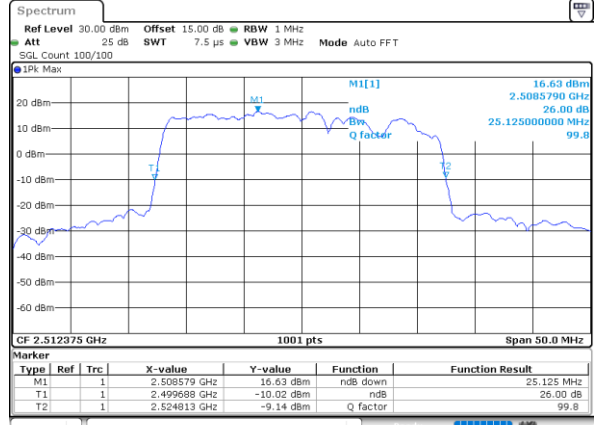
QPSK

Lowest Channel / 10MHz+20MHz



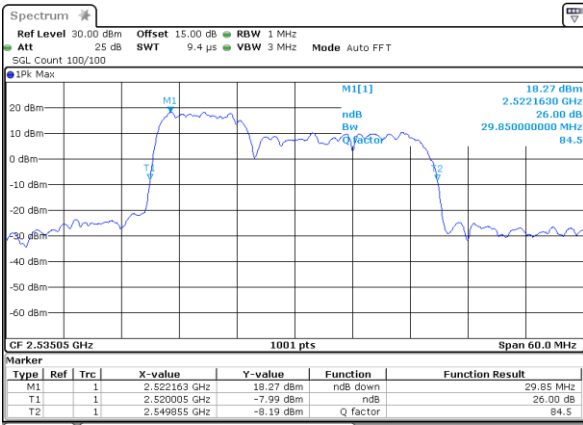
Date: 4.JAN.2021 22:08:06

Lowest Channel / 15MHz+10MHz



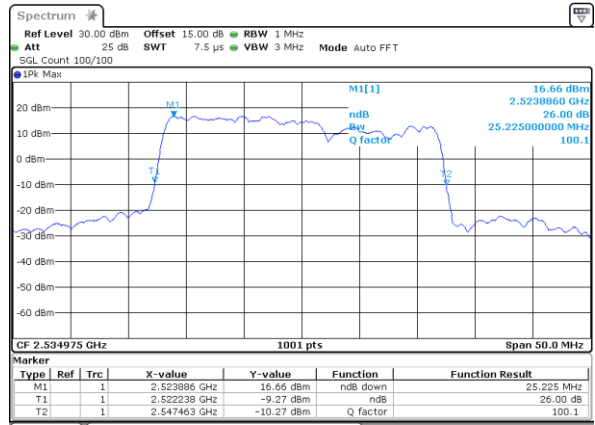
Date: 5.JAN.2021 00:38:09

Middle Channel / 10MHz+20MHz



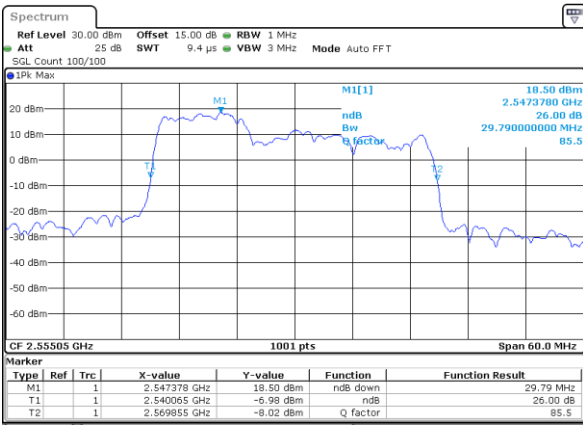
Date: 4.JAN.2021 23:12:08

Middle Channel / 15MHz+10MHz



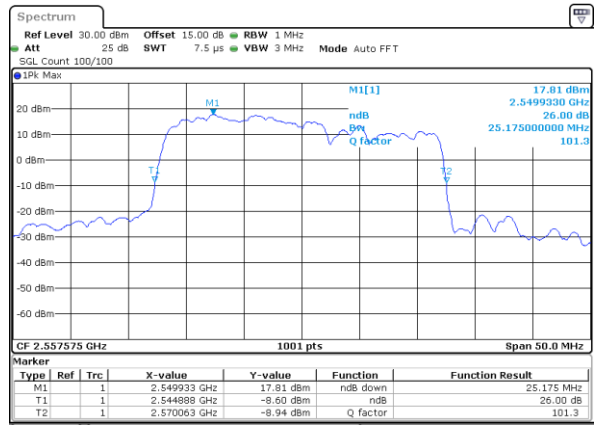
Date: 5.JAN.2021 01:03:53

Highest Channel / 10MHz+20MHz



Date: 4.JAN.2021 23:35:12

Highest Channel / 15MHz+10MHz



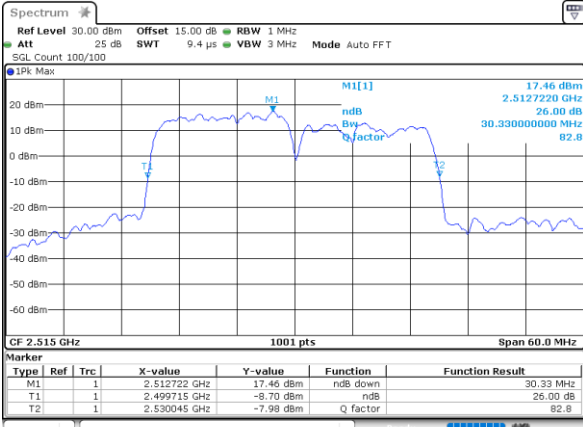
Date: 5.JAN.2021 01:20:22



LTE Band 7C

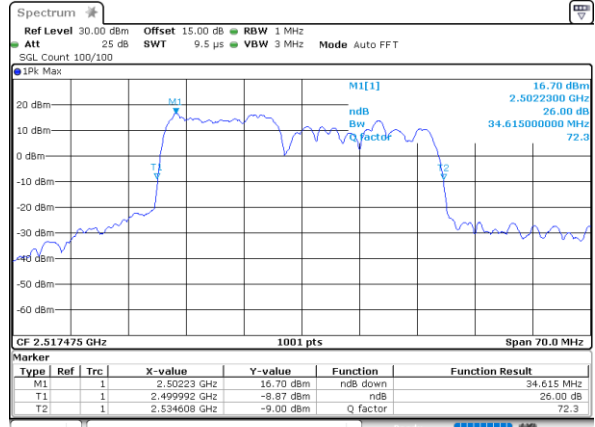
QPSK

Lowest Channel / 15MHz+15MHz



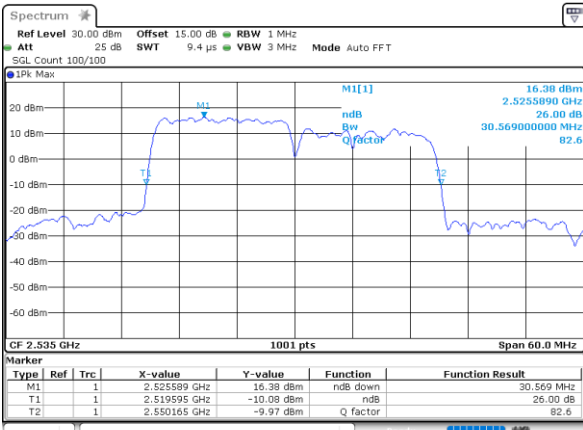
Date: 4.JAN.2021 20:36:13

Lowest Channel / 15MHz+20MHz



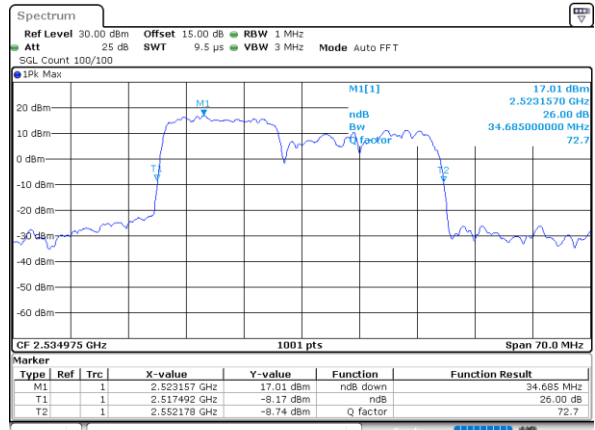
Date: 4.JAN.2021 19:25:24

Middle Channel / 15MHz+15MHz



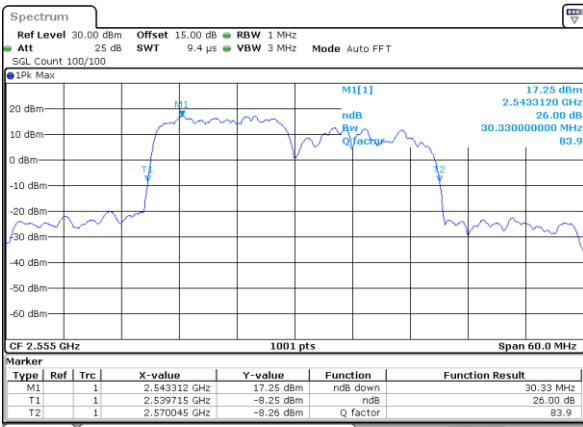
Date: 4.JAN.2021 21:00:18

Middle Channel / 15MHz+20MHz



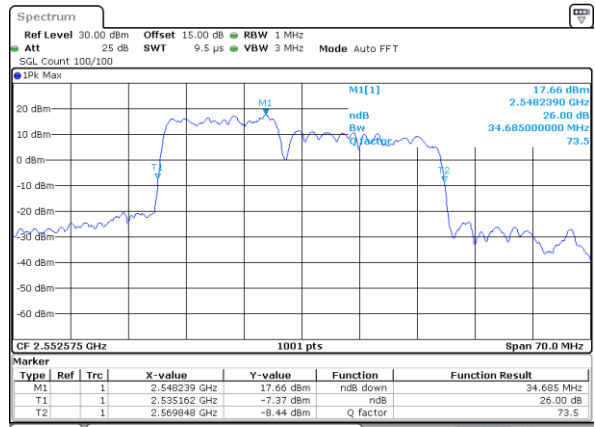
Date: 4.JAN.2021 19:49:03

Highest Channel / 15MHz+15MHz



Date: 4.JAN.2021 21:37:48

Highest Channel / 15MHz+20MHz



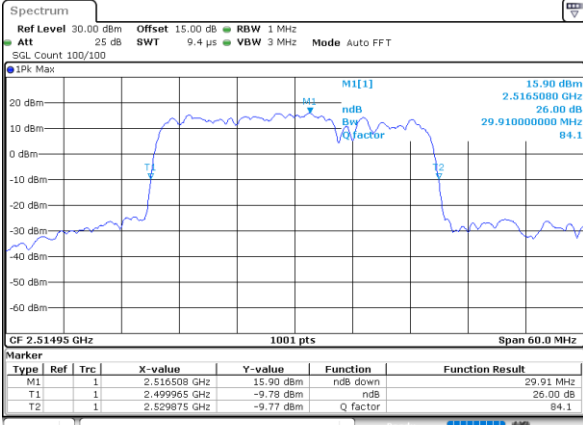
Date: 4.JAN.2021 20:05:24



LTE Band 7C

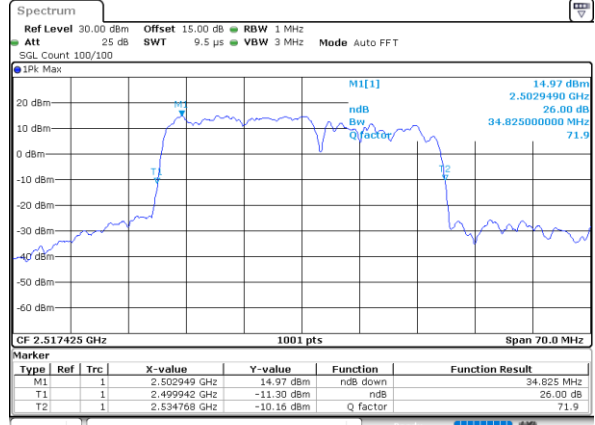
QPSK

Lowest Channel / 20MHz+10MHz



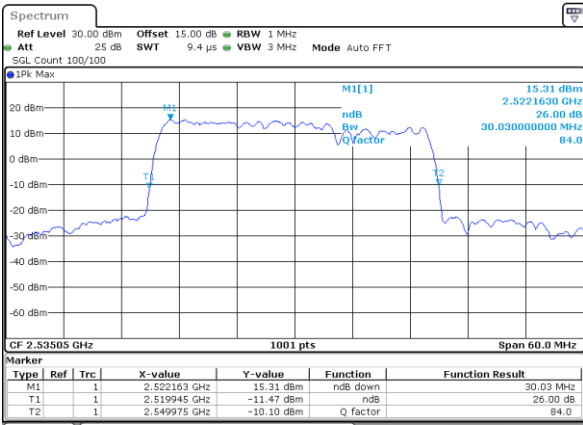
Date: 4..JAN.2021 05:27:53

Lowest Channel / 20MHz+15MHz



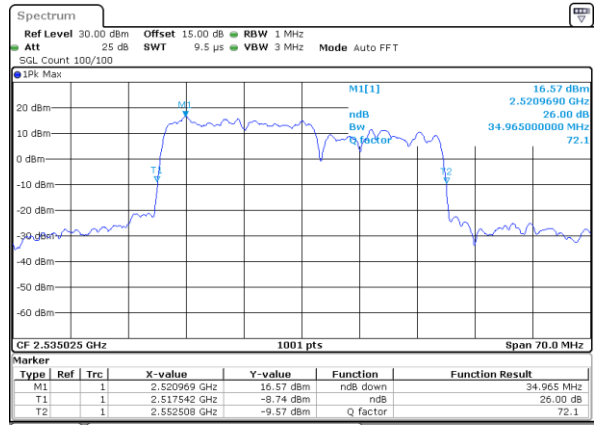
Date: 4..JAN.2021 04:24:07

Middle Channel / 20MHz+10MHz



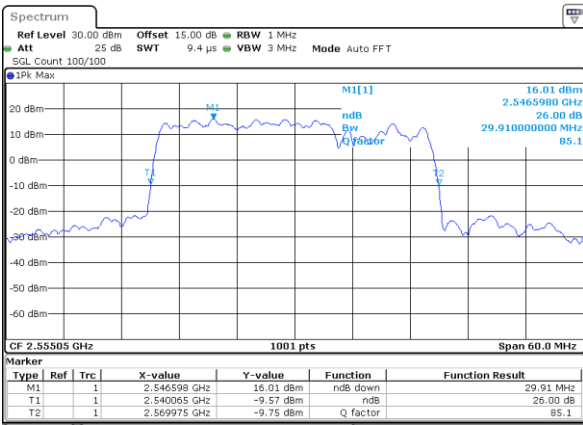
Date: 4..JAN.2021 05:52:04

Middle Channel / 20MHz+15MHz



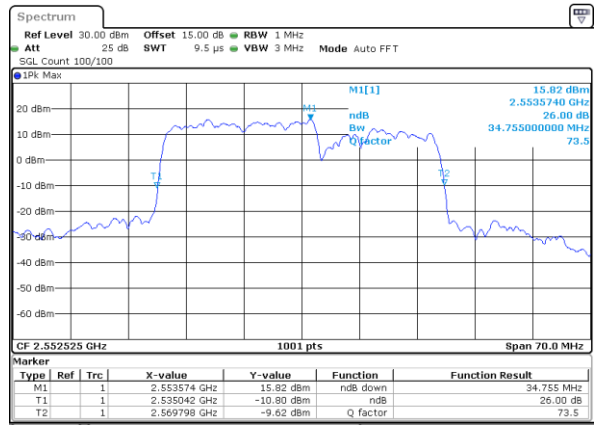
Date: 4..JAN.2021 04:47:34

Highest Channel / 20MHz+10MHz



Date: 4..JAN.2021 18:46:51

Highest Channel / 20MHz+15MHz



Date: 4..JAN.2021 05:07:05

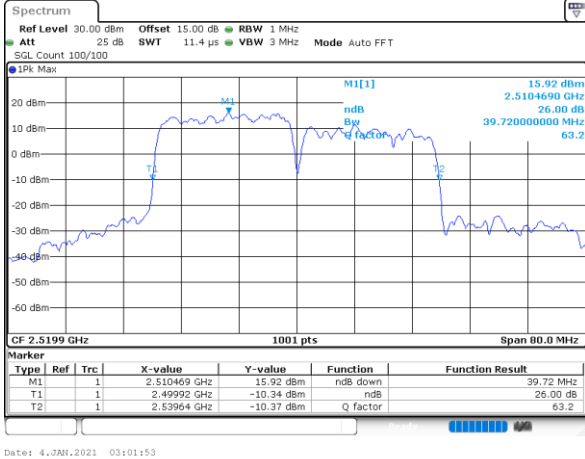


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

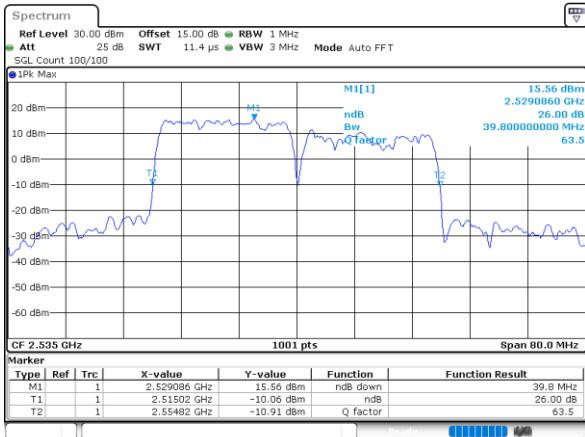
N/A



Date: 4-JAN-2021 03:01:53

Middle Channel / 20MHz+20MHz

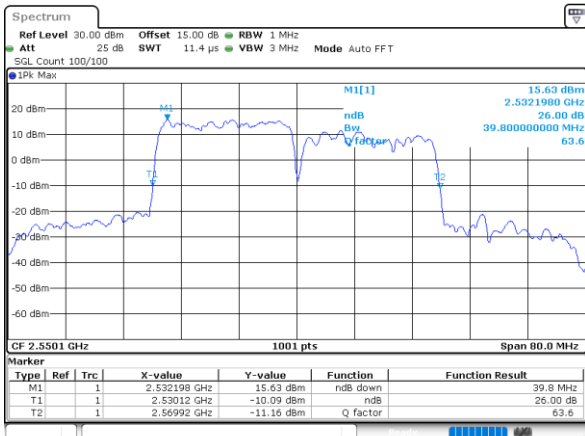
N/A



Date: 4-JAN-2021 03:31:29

Highest Channel / 20MHz+20MHz

N/A



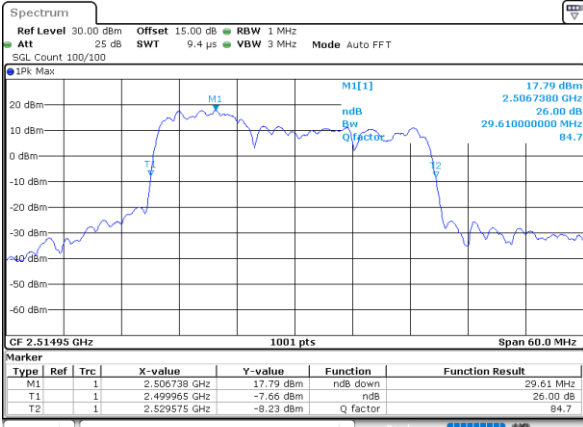
Date: 4-JAN-2021 03:47:48



LTE Band 7C

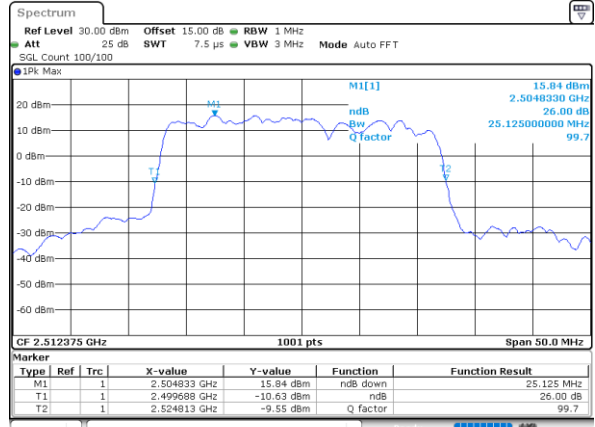
16QAM

Lowest Channel / 10MHz+20MHz



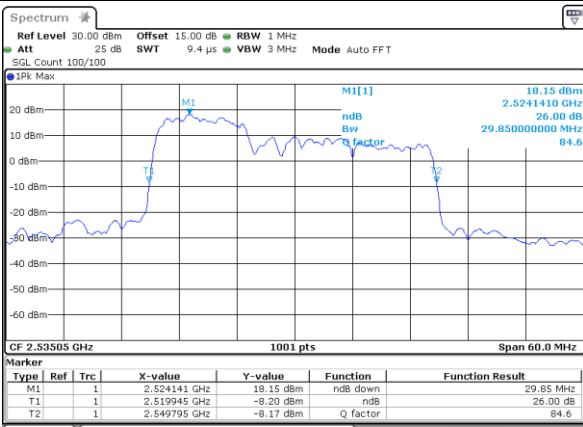
Date: 4.JAN.2021 22:19:17

Lowest Channel / 15MHz+10MHz



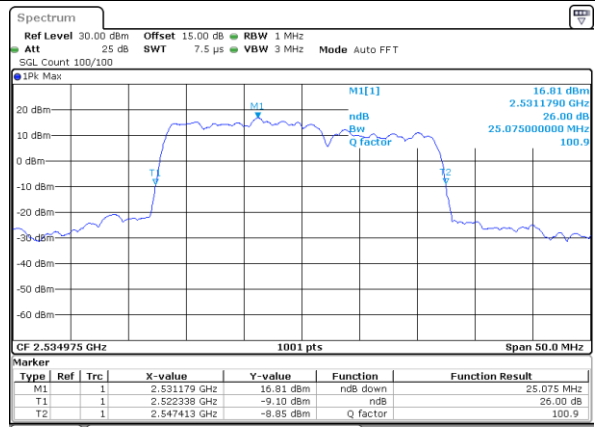
Date: 5.JAN.2021 00:41:10

Middle Channel / 10MHz+20MHz



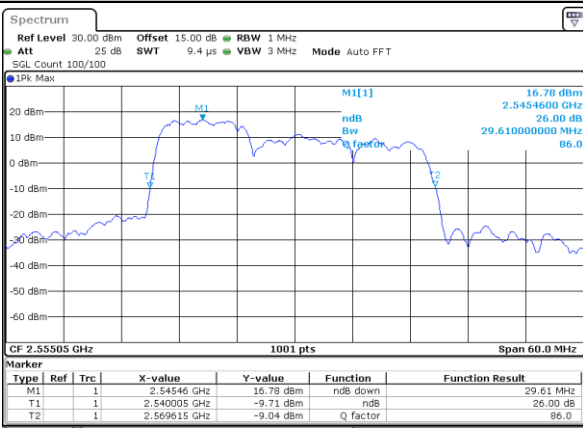
Date: 4.JAN.2021 23:19:57

Middle Channel / 15MHz+10MHz



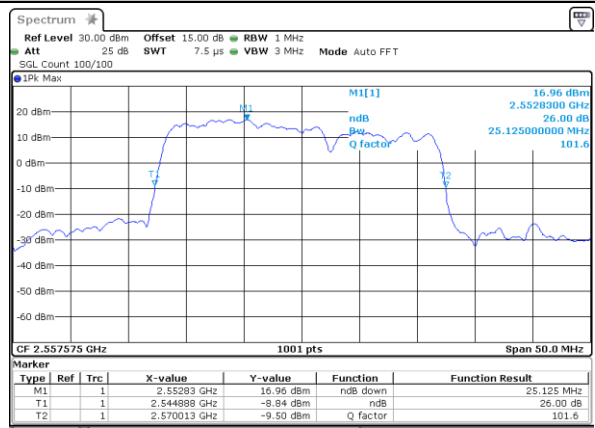
Date: 5.JAN.2021 01:07:21

Highest Channel / 10MHz+20MHz



Date: 4.JAN.2021 23:39:25

Highest Channel / 15MHz+10MHz



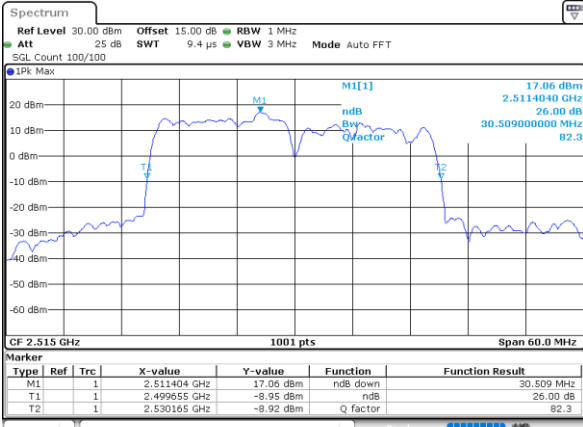
Date: 5.JAN.2021 01:23:30



LTE Band 7C

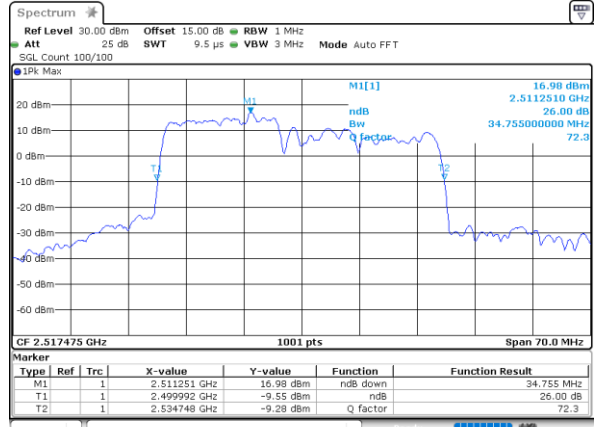
16QAM

Lowest Channel / 15MHz+15MHz



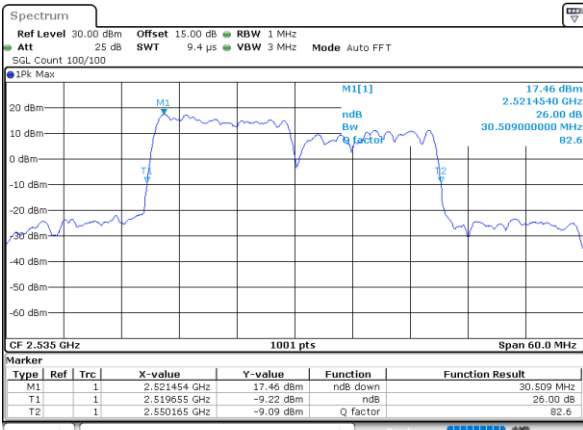
Date: 4.JAN.2021 20:38:26

Lowest Channel / 15MHz+20MHz



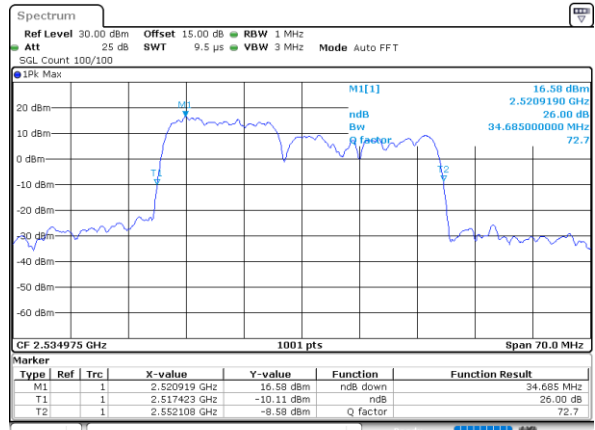
Date: 4.JAN.2021 19:27:53

Middle Channel / 15MHz+15MHz



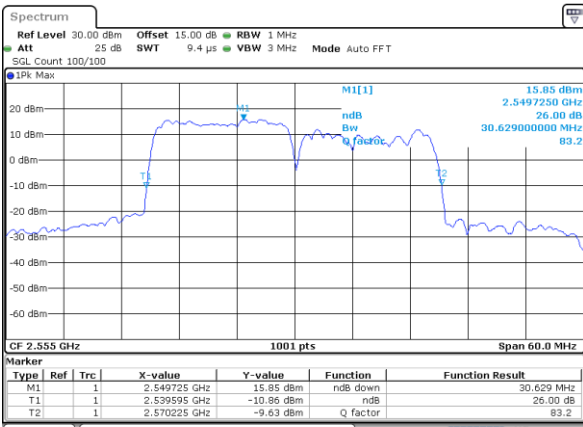
Date: 4.JAN.2021 21:01:50

Middle Channel / 15MHz+20MHz



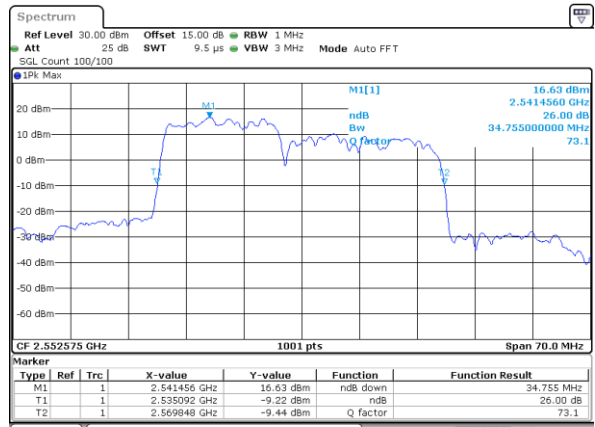
Date: 4.JAN.2021 19:52:05

Highest Channel / 15MHz+15MHz



Date: 4.JAN.2021 21:42:10

Highest Channel / 15MHz+20MHz



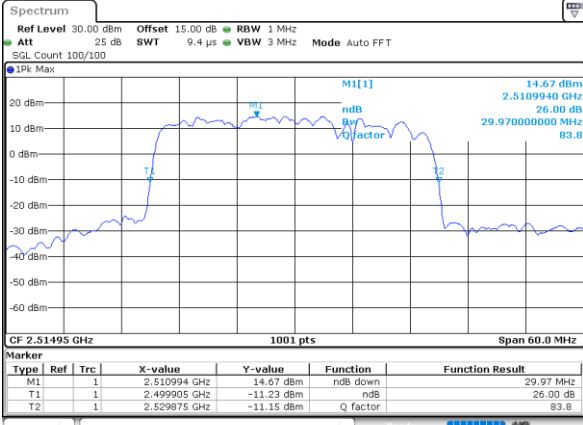
Date: 4.JAN.2021 20:08:00



LTE Band 7C

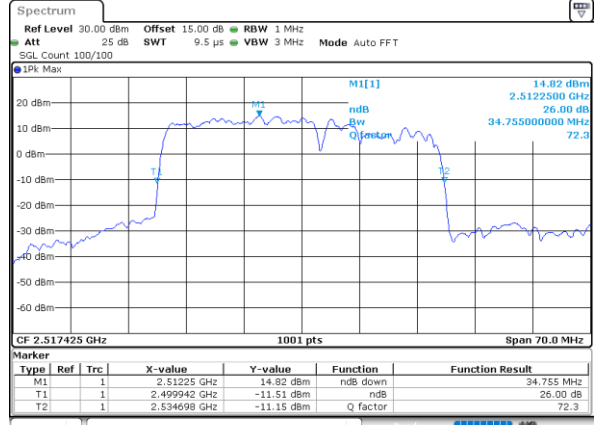
16QAM

Lowest Channel / 20MHz+10MHz



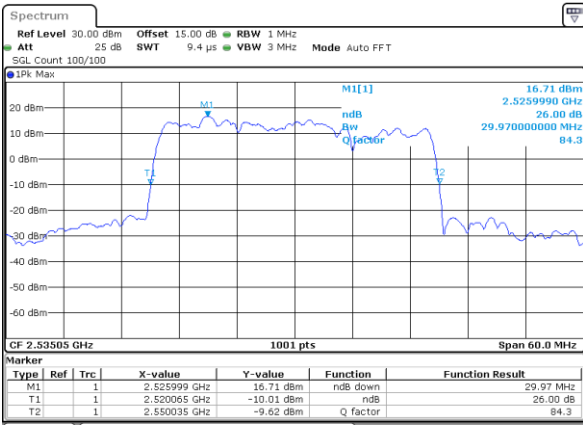
Date: 4..JAN.2021 05:29:52

Lowest Channel / 20MHz+15MHz



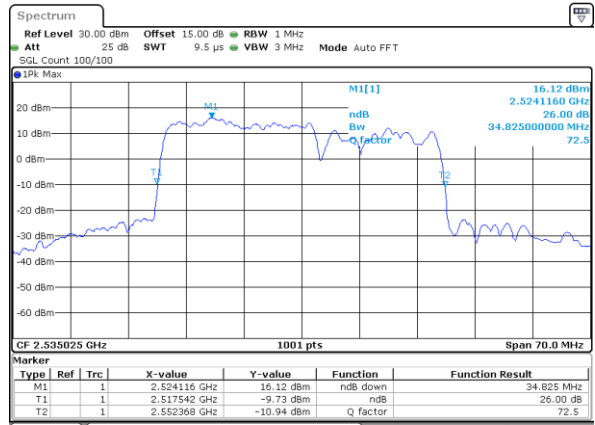
Date: 4..JAN.2021 04:26:37

Middle Channel / 20MHz+10MHz



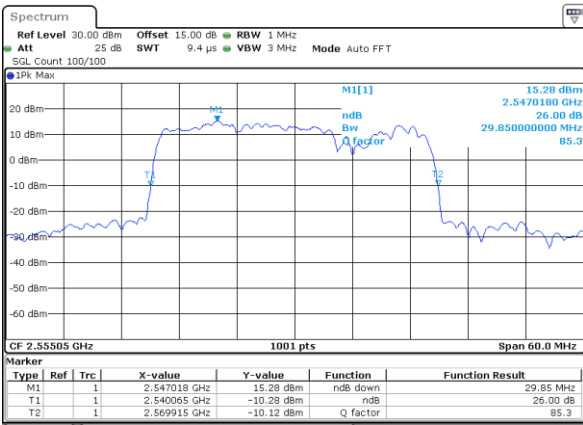
Date: 4..JAN.2021 05:53:28

Middle Channel / 20MHz+15MHz



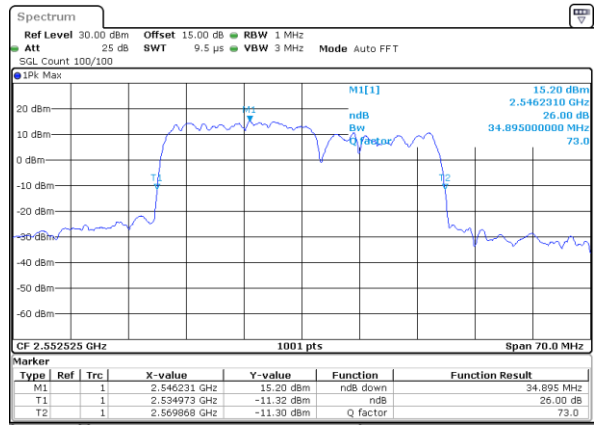
Date: 4..JAN.2021 04:49:38

Highest Channel / 20MHz+10MHz



Date: 4..JAN.2021 18:50:08

Highest Channel / 20MHz+15MHz



Date: 4..JAN.2021 05:09:45

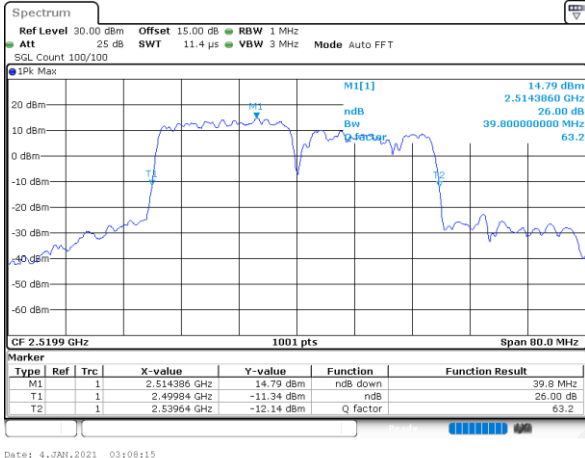


LTE Band 7C

16QAM

Lowest Channel / 20MHz+20MHz

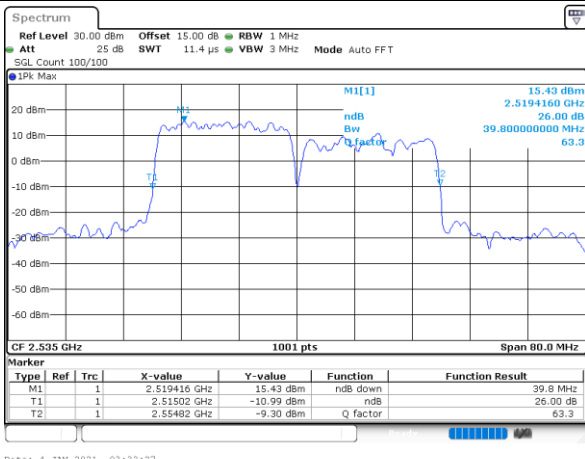
N/A



Date: 4-JAN-2021 03:08:15

Middle Channel / 20MHz+20MHz

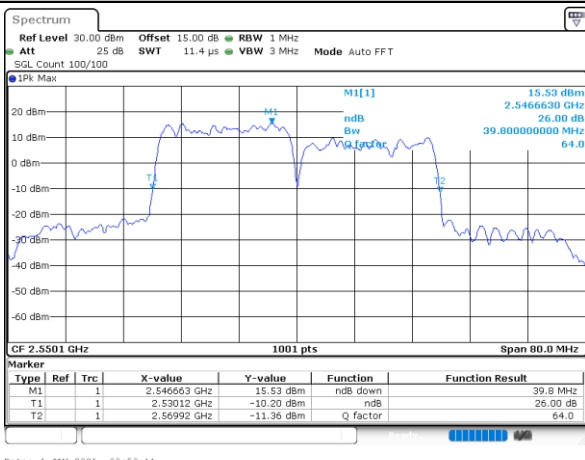
N/A



Date: 4-JAN-2021 03:13:27

Highest Channel / 20MHz+20MHz

N/A



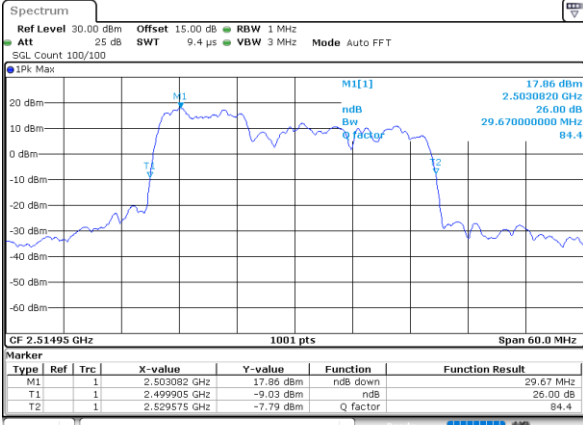
Date: 4-JAN-2021 03:15:11



LTE Band 7C

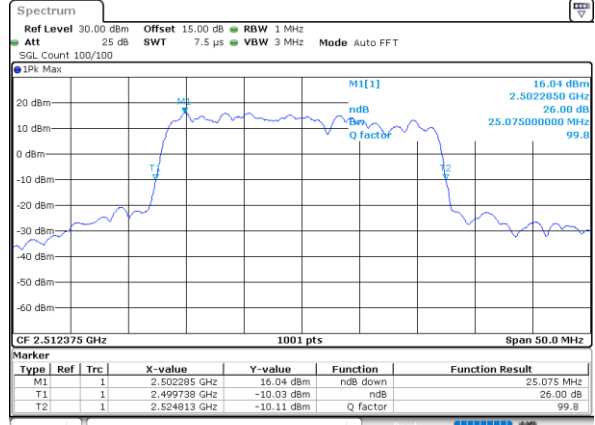
64QAM

Lowest Channel / 10MHz+20MHz



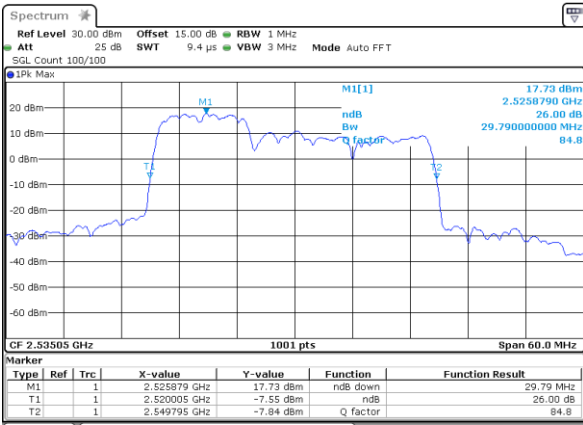
Date: 4-JAN-2021 22:21:33

Lowest Channel / 15MHz+10MHz



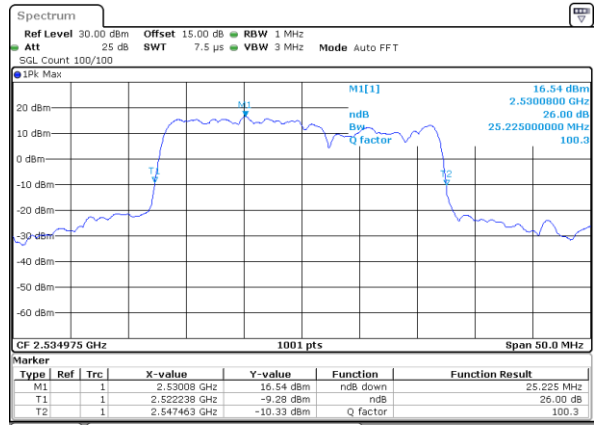
Date: 5-JAN-2021 00:44:54

Middle Channel / 10MHz+20MHz



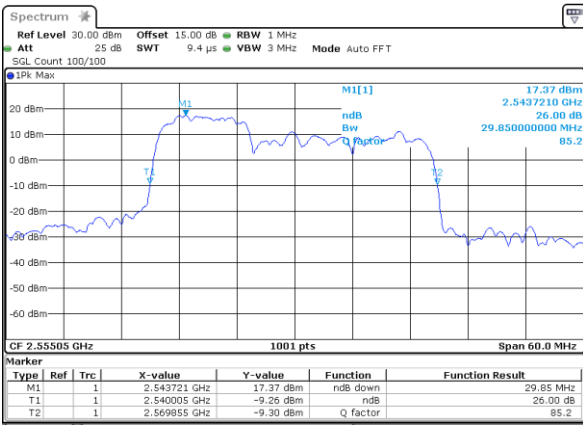
Date: 4-JAN-2021 23:21:36

Middle Channel / 15MHz+10MHz



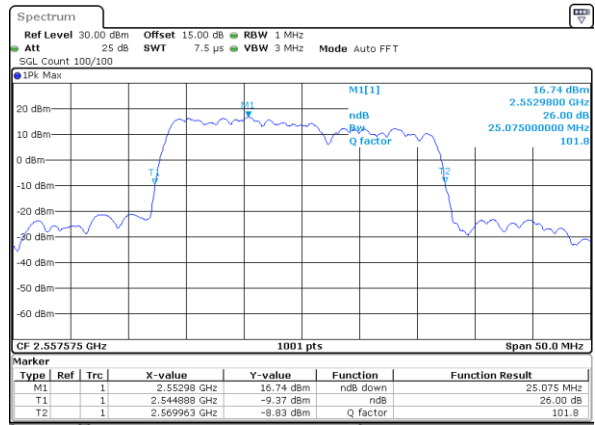
Date: 5-JAN-2021 01:09:41

Highest Channel / 10MHz+20MHz



Date: 5-JAN-2021 00:13:38

Highest Channel / 15MHz+10MHz



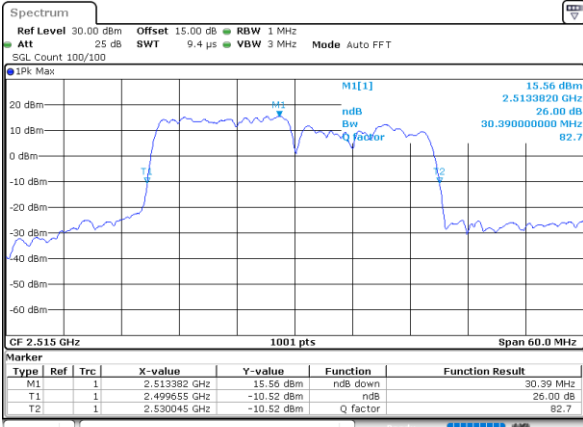
Date: 5-JAN-2021 01:26:49



LTE Band 7C

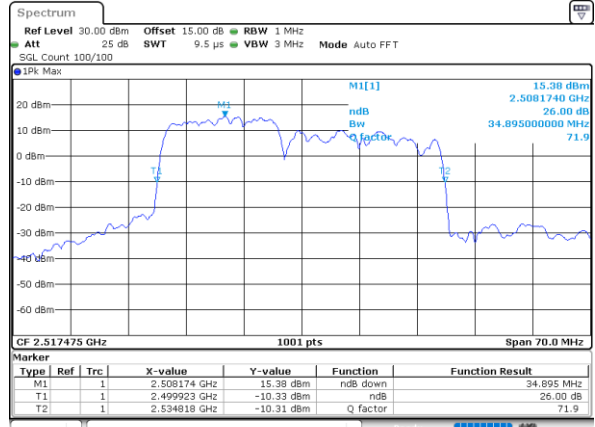
64QAM

Lowest Channel / 15MHz+15MHz



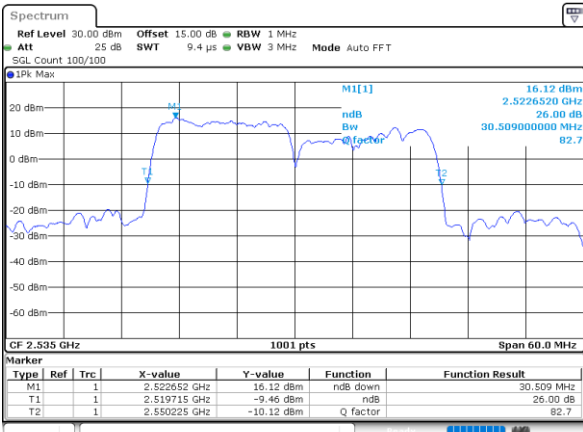
Date: 4-JAN-2021 20:40:50

Lowest Channel / 15MHz+20MHz



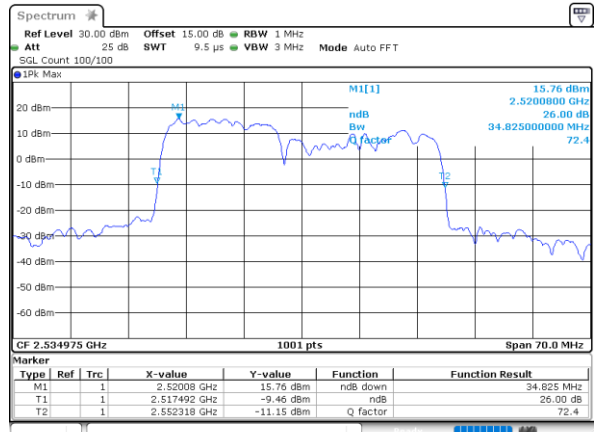
Date: 4-JAN-2021 19:30:10

Middle Channel / 15MHz+15MHz



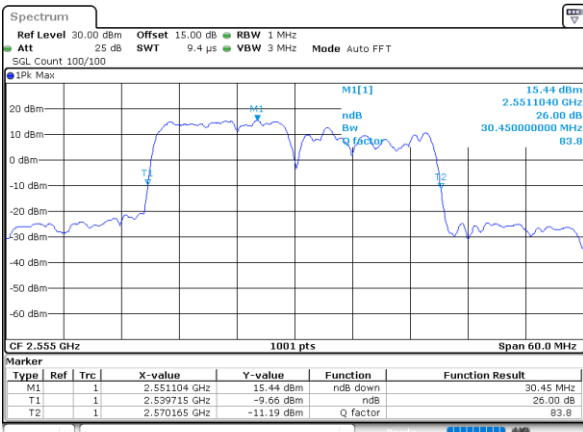
Date: 4-JAN-2021 21:06:07

Middle Channel / 15MHz+20MHz



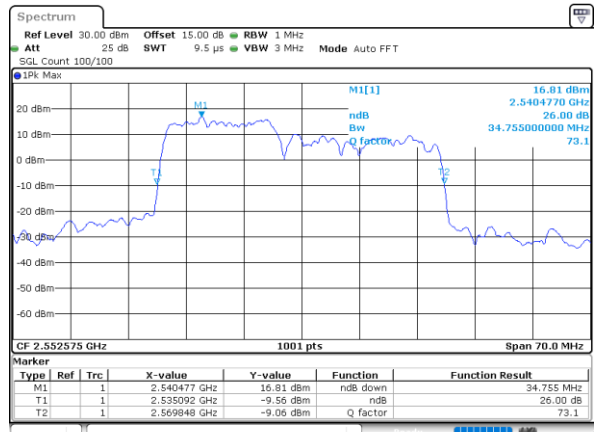
Date: 4-JAN-2021 19:53:39

Highest Channel / 15MHz+15MHz



Date: 4-JAN-2021 21:46:10

Highest Channel / 15MHz+20MHz



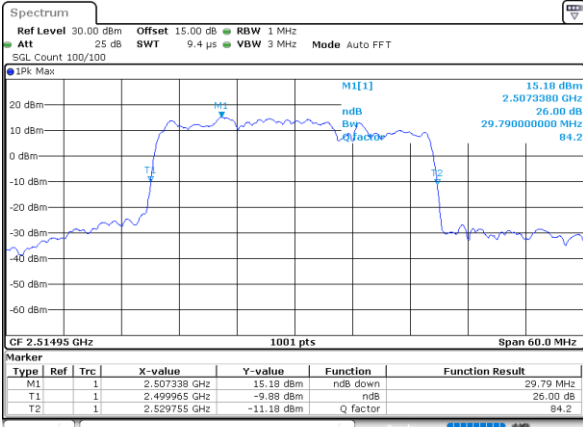
Date: 4-JAN-2021 20:17:15



LTE Band 7C

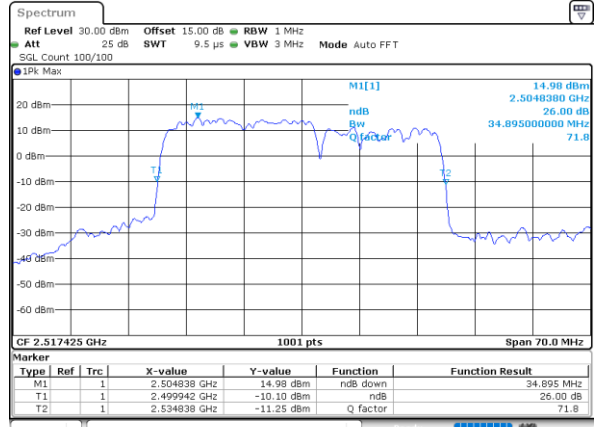
64QAM

Lowest Channel / 20MHz+10MHz



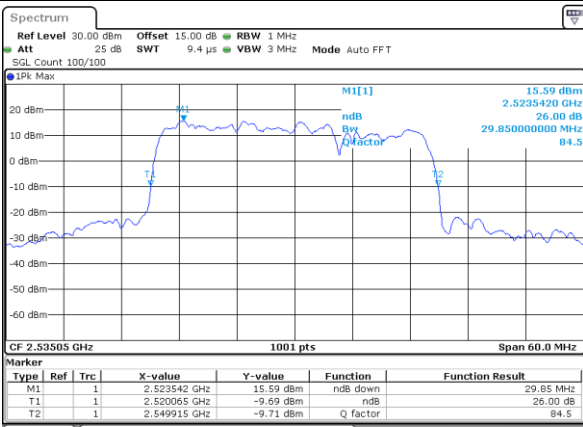
Date: 4_JAN.2021 05:32:16

Lowest Channel / 20MHz+15MHz



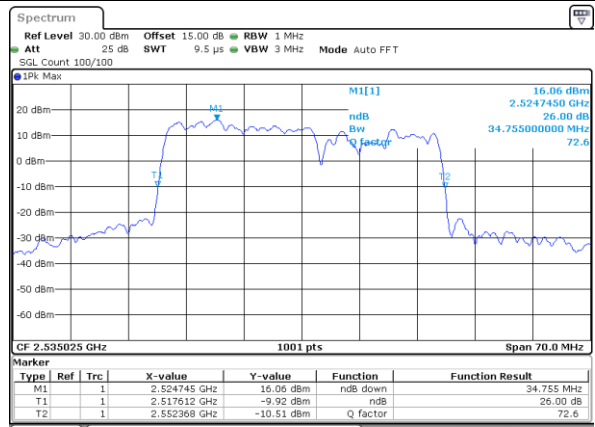
Date: 4_JAN.2021 04:29:09

Middle Channel / 20MHz+10MHz



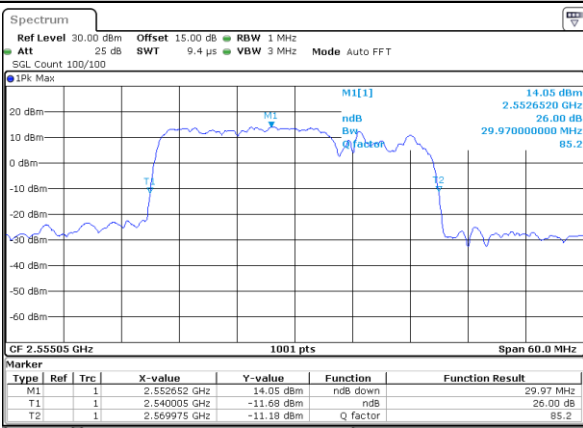
Date: 4_JAN.2021 05:54:45

Middle Channel / 20MHz+15MHz



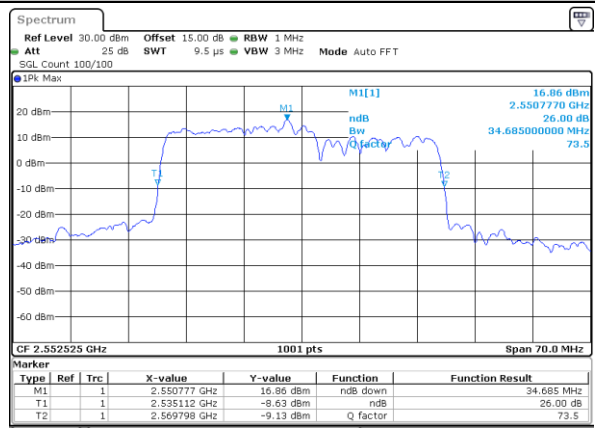
Date: 4_JAN.2021 04:51:43

Highest Channel / 20MHz+10MHz



Date: 4_JAN.2021 18:55:50

Highest Channel / 20MHz+15MHz



Date: 4_JAN.2021 05:11:52

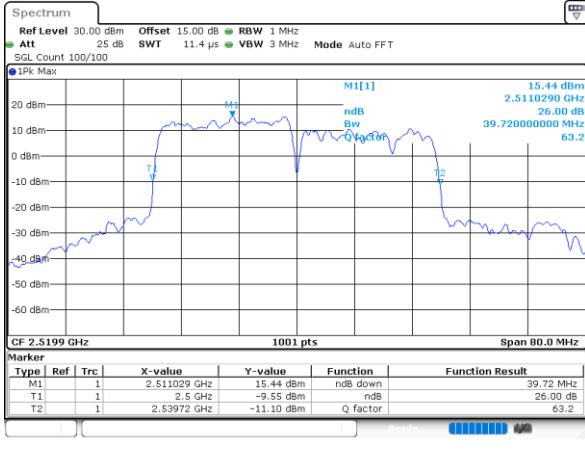


LTE Band 7C

64QAM

Lowest Channel / 20MHz+20MHz

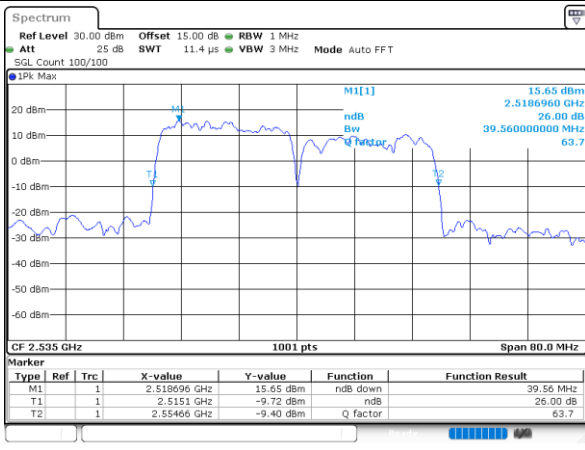
N/A



Date: 4-JAN-2021 03:11:06

Middle Channel / 20MHz+20MHz

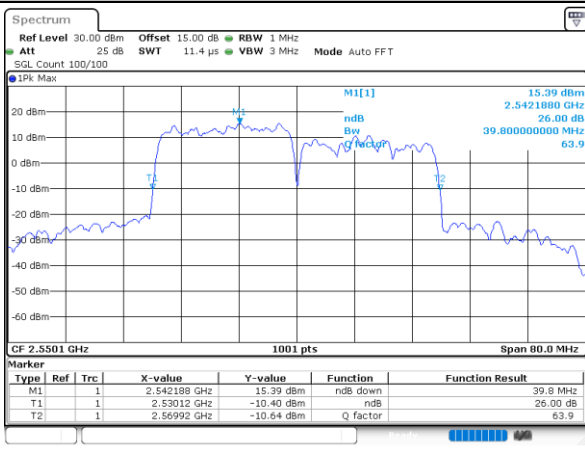
N/A



Date: 4-JAN-2021 03:15:21

Highest Channel / 20MHz+20MHz

N/A



Date: 4-JAN-2021 03:52:50



Occupied Bandwidth

| Mode | LTE Band 7C : 99%OBW(MHz) | | | |
|------------|---------------------------|-------------|-------------|-------------|
| QPSK | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 27.57 | 23.43 | 28.47 | 32.45 |
| Middle CH | 28.11 | 23.18 | 28.35 | 32.80 |
| Highest CH | 27.69 | 23.33 | 28.29 | 32.59 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 27.99 | 32.66 | 37.08 | - |
| Middle CH | 27.87 | 32.73 | 37.64 | - |
| Highest CH | 27.87 | 33.01 | 37.80 | - |

| Mode | LTE Band 7C : 99%OBW(MHz) | | | |
|------------|---------------------------|-------------|-------------|-------------|
| 16QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 27.57 | 23.53 | 28.83 | 32.73 |
| Middle CH | 27.87 | 23.48 | 28.59 | 32.66 |
| Highest CH | 27.81 | 23.33 | 28.53 | 32.38 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 27.81 | 32.59 | 37.40 | - |
| Middle CH | 27.93 | 32.38 | 37.96 | - |
| Highest CH | 27.87 | 32.03 | 37.24 | - |

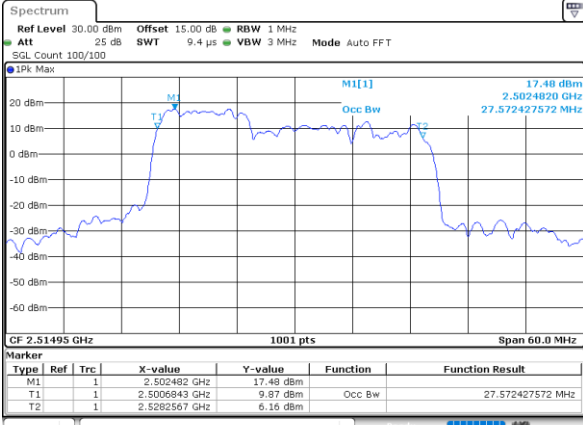
| Mode | LTE Band 7C : 99%OBW(MHz) | | | |
|------------|---------------------------|-------------|-------------|-------------|
| 64QAM | | | | |
| BW | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH | 27.51 | 23.43 | 28.53 | 32.52 |
| Middle CH | 27.93 | 23.38 | 28.29 | 32.38 |
| Highest CH | 27.69 | 23.18 | 28.11 | 32.31 |
| BW | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz | N/A |
| Lowest CH | 27.39 | 32.45 | 37.64 | - |
| Middle CH | 27.99 | 32.80 | 37.48 | - |
| Highest CH | 27.93 | 32.52 | 37.64 | - |



LTE Band 7C

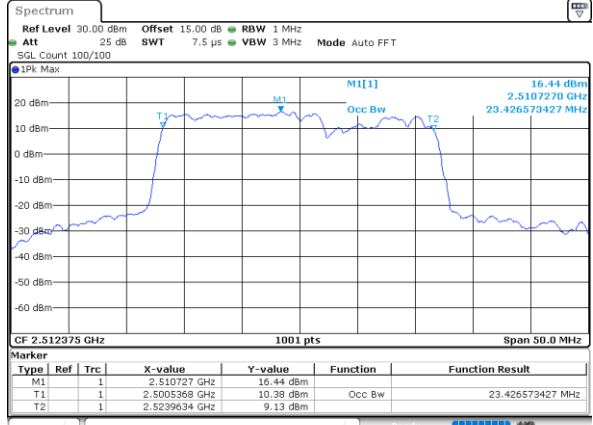
QPSK

Lowest Channel / 10MHz+20MHz



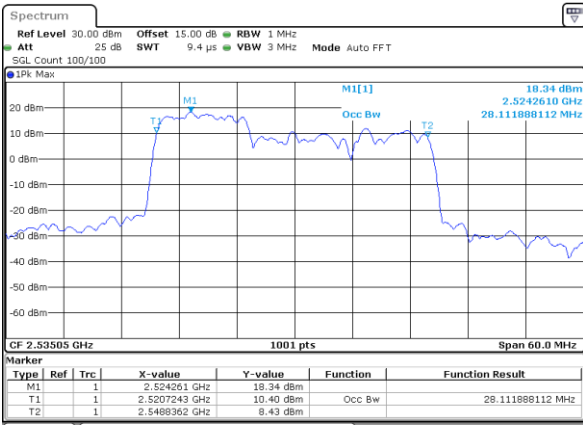
Date: 4, JAN, 2021 22:07:59

Lowest Channel / 15MHz+10MHz



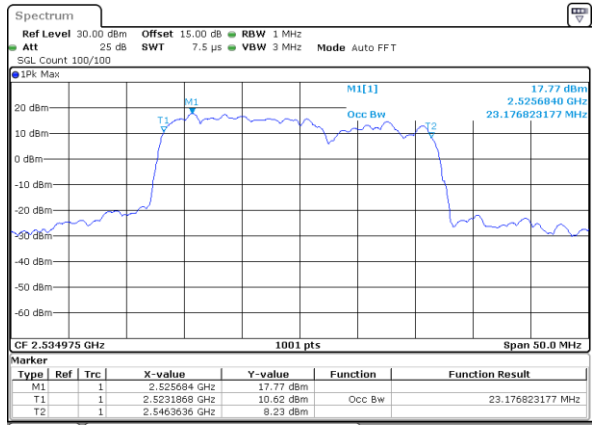
Date: 5, JAN, 2021 00:38:01

Middle Channel / 10MHz+20MHz



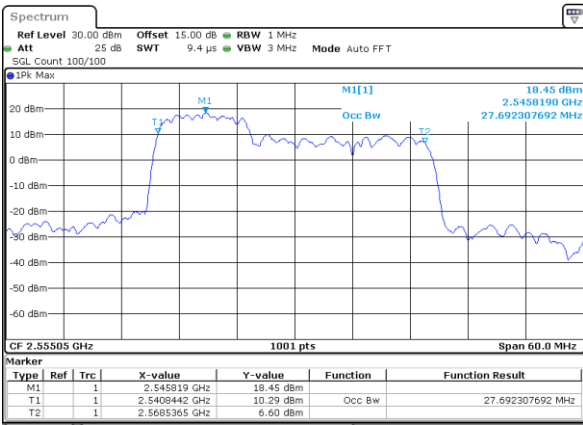
Date: 4, JAN, 2021 23:12:00

Middle Channel / 15MHz+10MHz



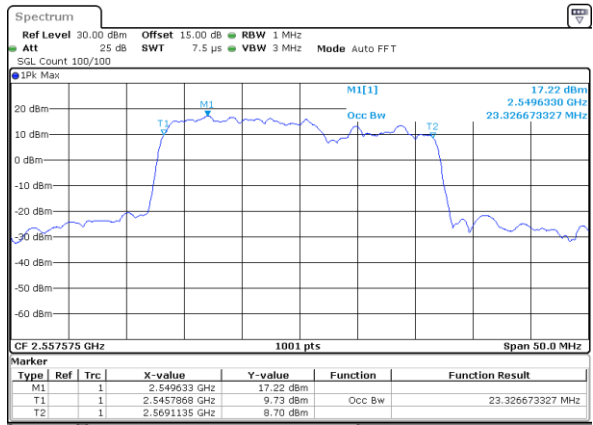
Date: 5, JAN, 2021 01:02:57

Highest Channel / 10MHz+20MHz



Date: 4, JAN, 2021 23:35:04

Highest Channel / 15MHz+10MHz



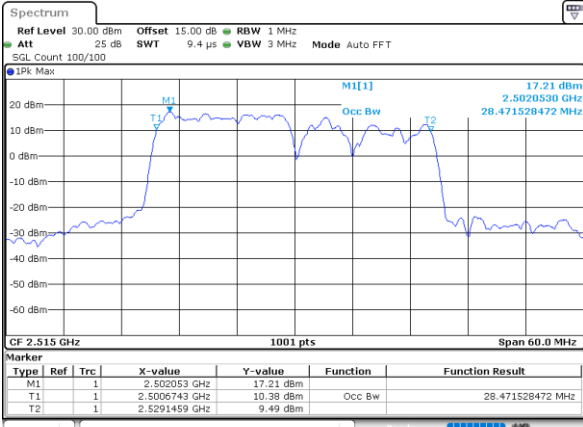
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LTE Band 7C

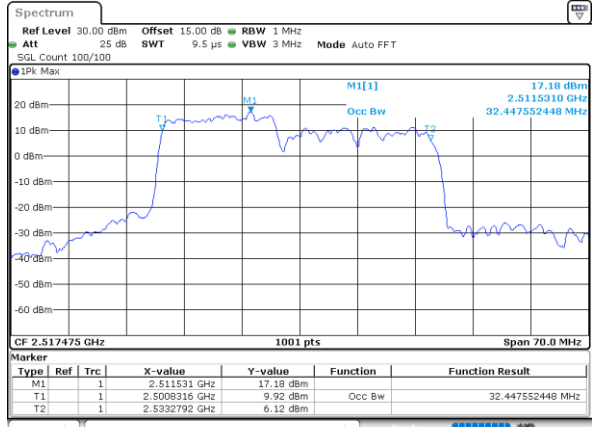
QPSK

Lowest Channel / 15MHz+15MHz



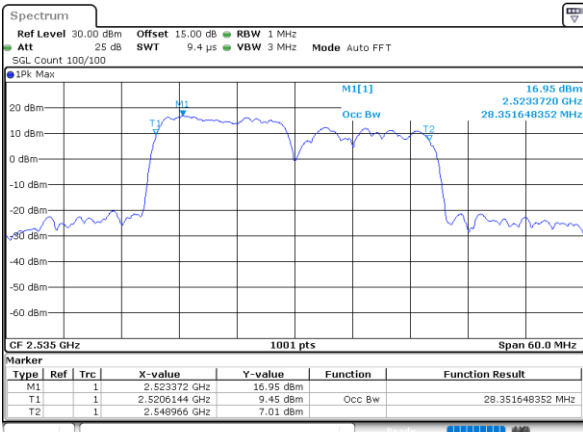
Date: 4.JAN.2021 20:36:06

Lowest Channel / 15MHz+20MHz



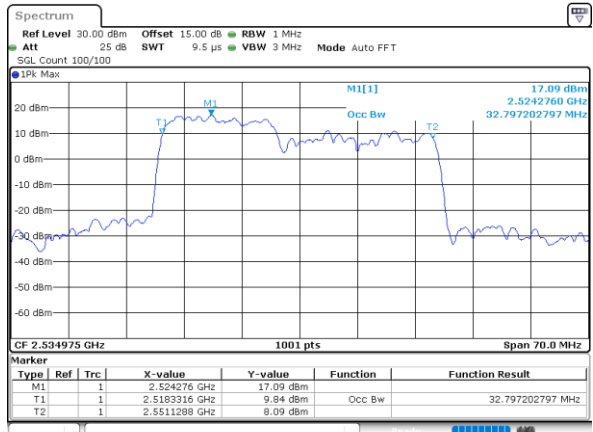
Date: 4.JAN.2021 19:25:18

Middle Channel / 15MHz+15MHz



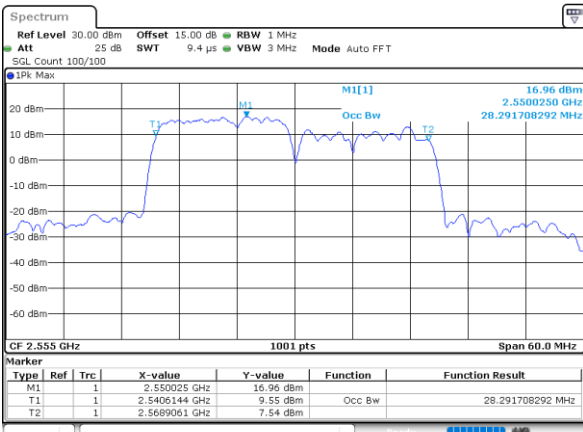
Date: 4.JAN.2021 21:00:02

Middle Channel / 15MHz+20MHz



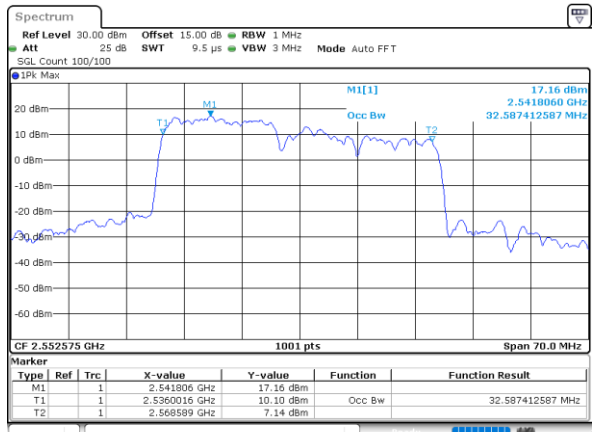
Date: 4.JAN.2021 19:48:56

Highest Channel / 15MHz+15MHz



Date: 4.JAN.2021 21:37:41

Highest Channel / 15MHz+20MHz



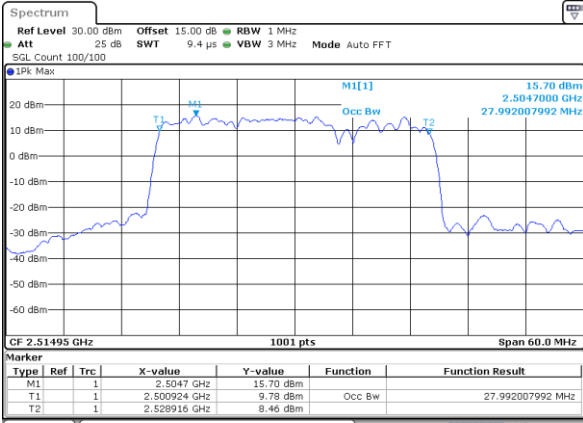
Date: 4.JAN.2021 20:05:14



LTE Band 7C

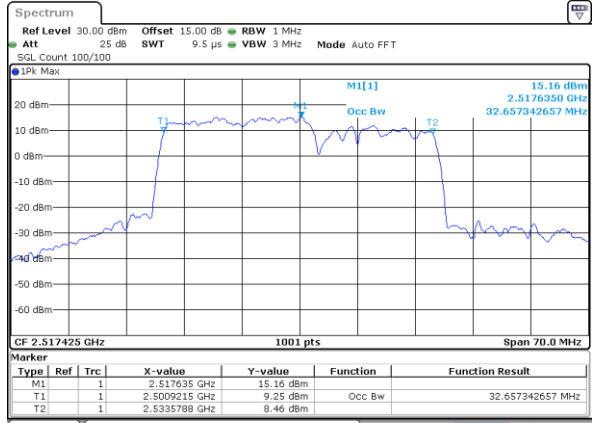
QPSK

Lowest Channel / 20MHz+10MHz



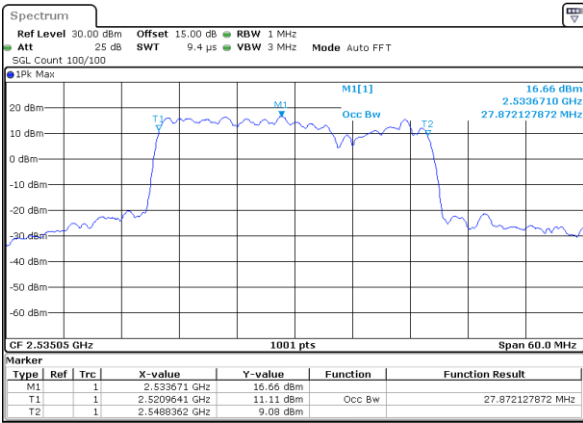
Date: 4-JAN-2021 05:27:40

Lowest Channel / 20MHz+15MHz



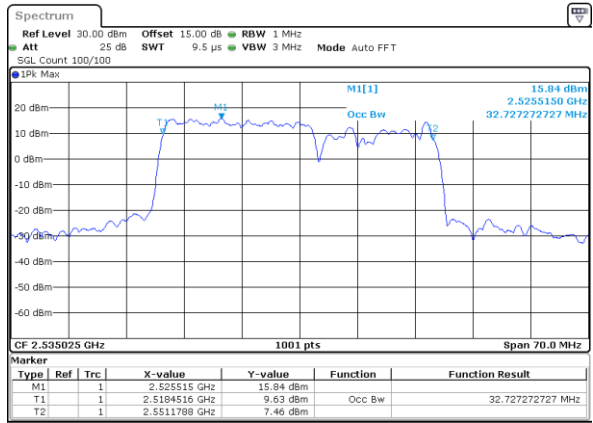
Date: 4-JAN-2021 04:23:51

Middle Channel / 20MHz+10MHz



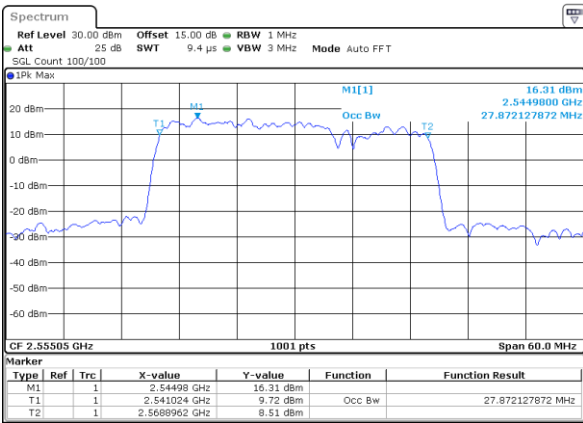
Date: 4-JAN-2021 05:51:59

Middle Channel / 20MHz+15MHz



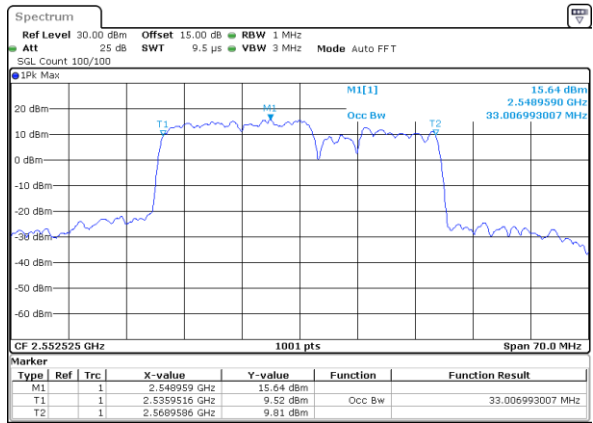
Date: 4-JAN-2021 04:47:27

Highest Channel / 20MHz+10MHz



Date: 4-JAN-2021 18:46:45

Highest Channel / 20MHz+15MHz



Date: 4-JAN-2021 05:06:57