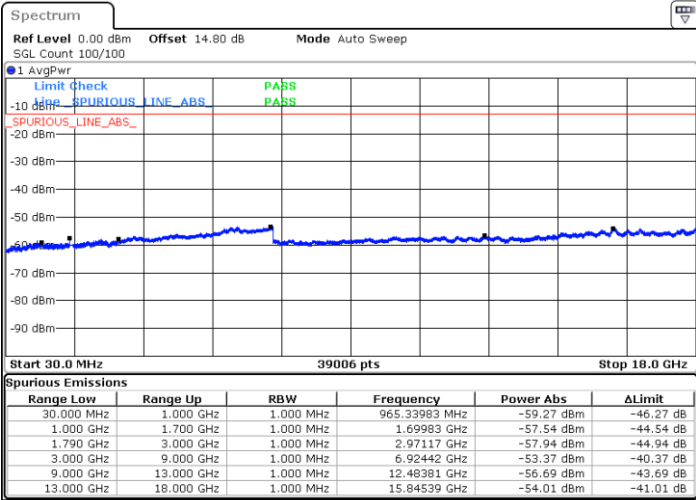




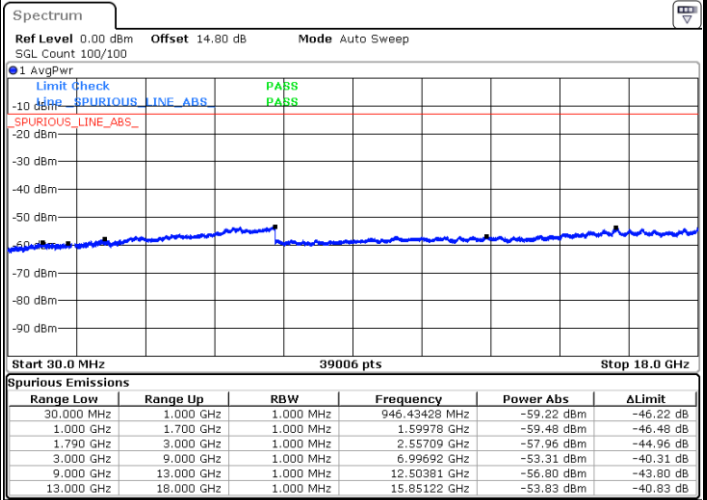
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



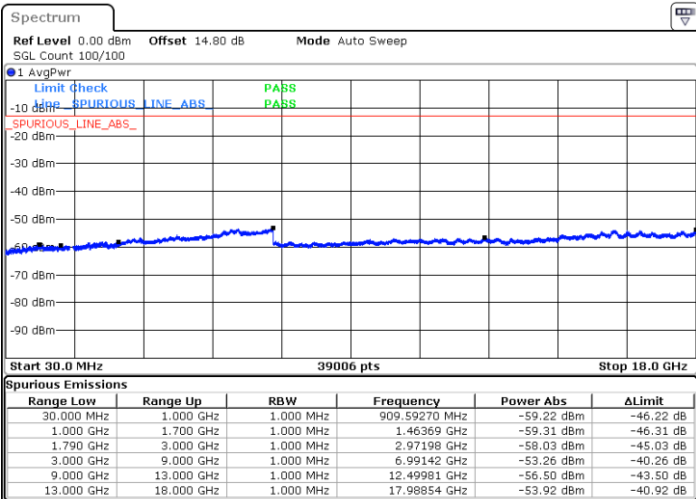
Date: 24.FEB.2023 00:47:41



Date: 24.FEB.2023 00:49:42

Highest Channel / 64QAM

NA



Date: 24.FEB.2023 00:54:48

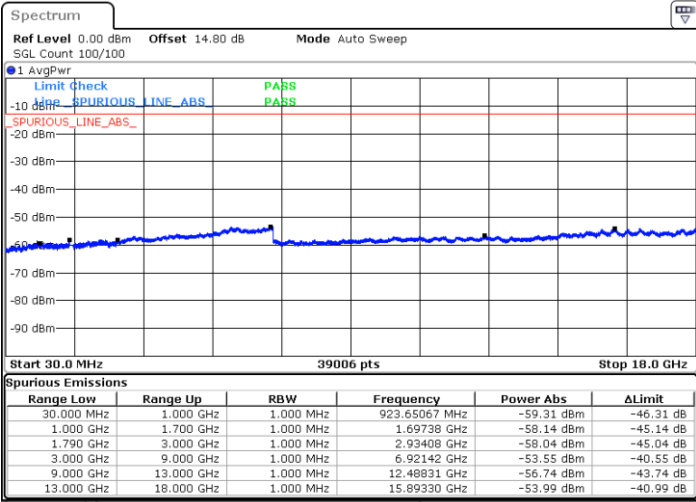
NA



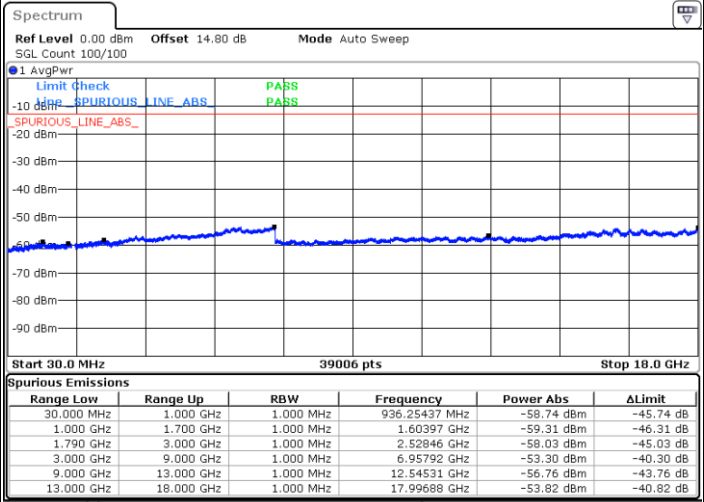
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



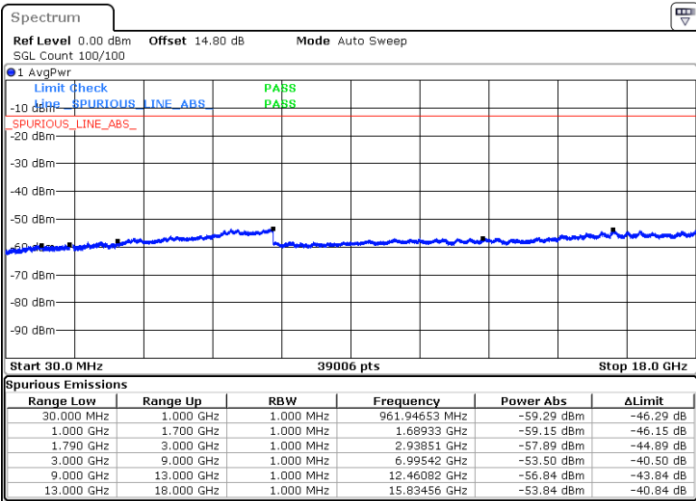
Date: 24.FEB.2023 00:59:56



Date: 24.FEB.2023 01:01:58

Highest Channel / 64QAM

NA



Date: 24.FEB.2023 01:07:04

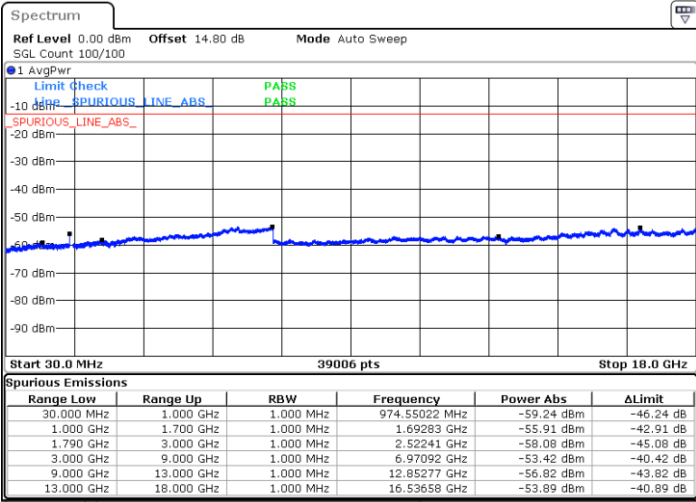
NA



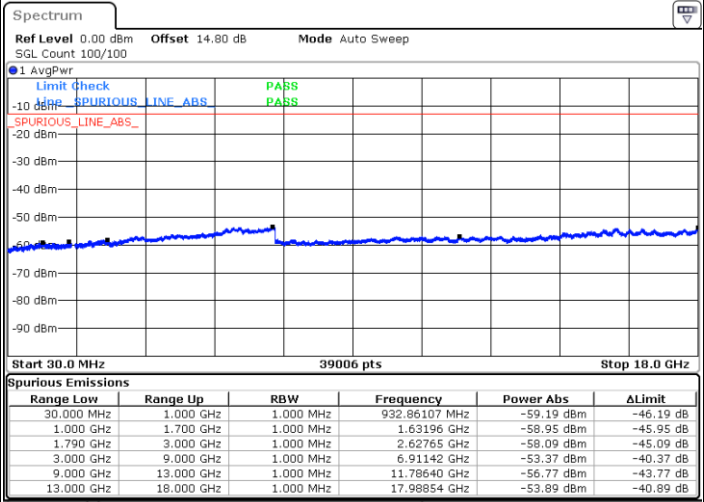
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



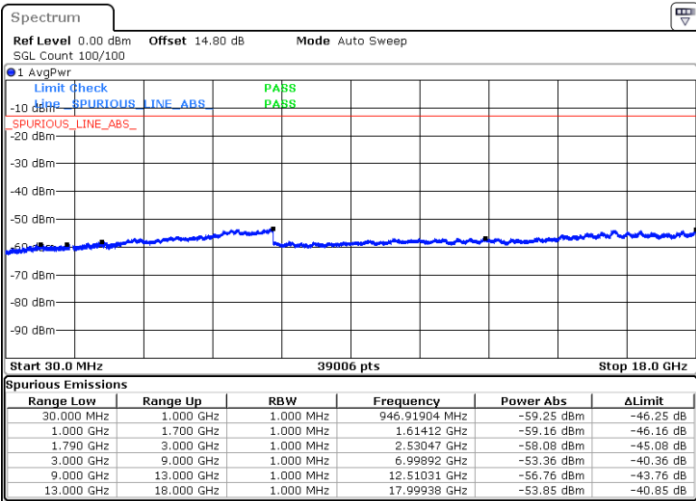
Date: 24.FEB.2023 02:02:58



Date: 24.FEB.2023 02:05:00

Highest Channel / 64QAM

NA



Date: 24.FEB.2023 02:10:06

NA



### 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    | 0.0029                              | PASS    |
| 40               | Normal Voltage    | 0.0015                              |         |
| 30               | Normal Voltage    | 0.0013                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0011                              |         |
| 0                | Normal Voltage    | 0.0013                              |         |
| -10              | Normal Voltage    | 0.0011                              |         |
| 20               | Maximum Voltage   | 0.0012                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0016                              |         |

**Note:**

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.3V. ; Maximum Voltage =8.7 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 2C

## 26dB Bandwidth

| Mode       | LTE Band 2C : 26dB BW(MHz) |             |             |             |             |
|------------|----------------------------|-------------|-------------|-------------|-------------|
| QPSK       |                            |             |             |             |             |
| BW         | 5MHz+20MHz                 | 20MHz+5MHz  | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 24.88                      | 24.98       | 29.91       | 25.18       | 30.51       |
| Middle CH  | 24.78                      | 24.98       | 29.79       | 25.52       | 30.69       |
| Highest CH | 24.88                      | 24.98       | 29.85       | 25.13       | 30.63       |
| BW         | 10MHz+15MHz                | 15MHz+20MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 25.23                      | 34.76       | 30.15       | 34.97       | 39.8        |
| Middle CH  | 25.23                      | 34.90       | 29.91       | 34.90       | 39.8        |
| Highest CH | 25.13                      | 34.83       | 30.09       | 34.83       | 39.8        |

| Mode       | LTE Band 2C : 26dB BW(MHz) |             |             |             |             |
|------------|----------------------------|-------------|-------------|-------------|-------------|
| 16QAM      |                            |             |             |             |             |
| BW         | 5MHz+20MHz                 | 20MHz+5MHz  | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 24.73                      | 24.98       | 29.79       | 25.28       | 30.69       |
| Middle CH  | 24.73                      | 24.93       | 29.79       | 25.28       | 30.39       |
| Highest CH | 24.88                      | 24.98       | 29.91       | 25.52       | 30.63       |
| BW         | 10MHz+15MHz                | 15MHz+20MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 25.08                      | 35.11       | 30.03       | 34.97       | 39.8        |
| Middle CH  | 25.08                      | 34.83       | 30.09       | 34.83       | 39.8        |
| Highest CH | 25.18                      | 34.97       | 29.97       | 34.90       | 39.8        |

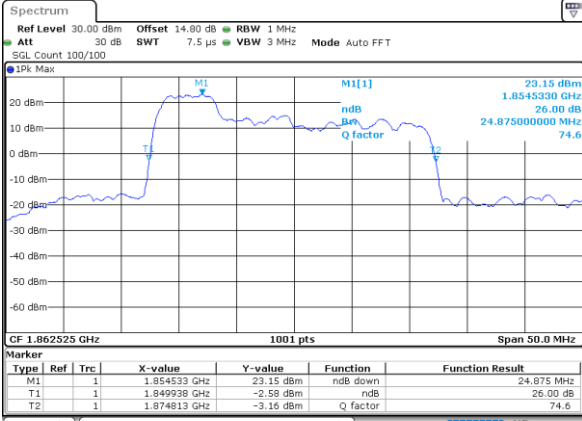
| Mode       | LTE Band 2C : 26dB BW(MHz) |             |             |             |             |
|------------|----------------------------|-------------|-------------|-------------|-------------|
| 64QAM      |                            |             |             |             |             |
| BW         | 5MHz+20MHz                 | 20MHz+5MHz  | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 24.68                      | 24.98       | 29.85       | 25.28       | 30.69       |
| Middle CH  | 24.83                      | 24.98       | 29.91       | 25.23       | 30.45       |
| Highest CH | 24.68                      | 24.9        | 29.79       | 25.23       | 30.51       |
| BW         | 10MHz+15MHz                | 15MHz+20MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 25.18                      | 34.83       | 29.97       | 34.83       | 39.8        |
| Middle CH  | 25.13                      | 34.76       | 29.97       | 34.97       | 40.04       |
| Highest CH | 25.18                      | 35.04       | 30.15       | 34.97       | 40.04       |



LTE Band 2C

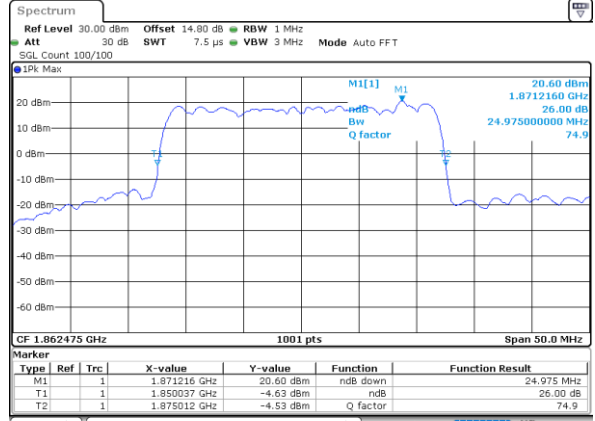
QPSK

Lowest Channel / 5MHz+20MHz



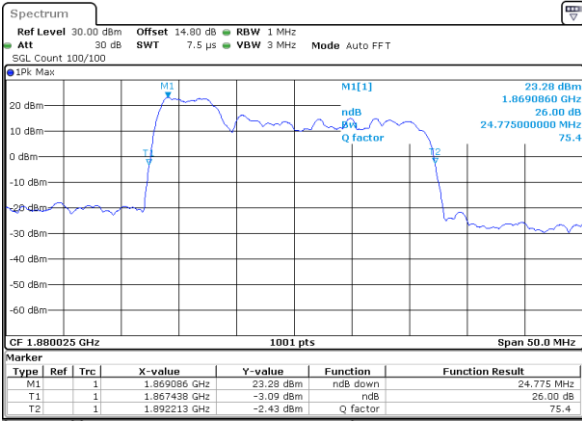
Date: 29\_MAR\_2023 13:52:02

Lowest Channel / 20MHz+5MHz



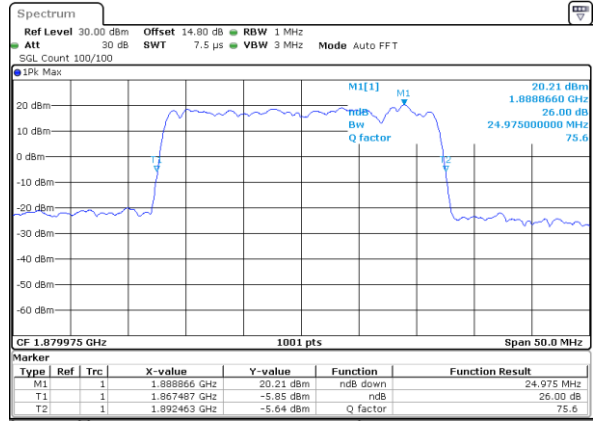
Date: 29\_MAR\_2023 16:58:59

Middle Channel / 5MHz+20MHz



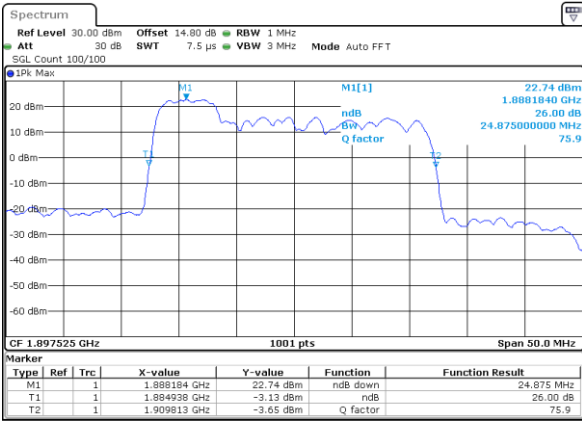
Date: 29\_MAR\_2023 14:01:45

Middle Channel / 20MHz+5MHz



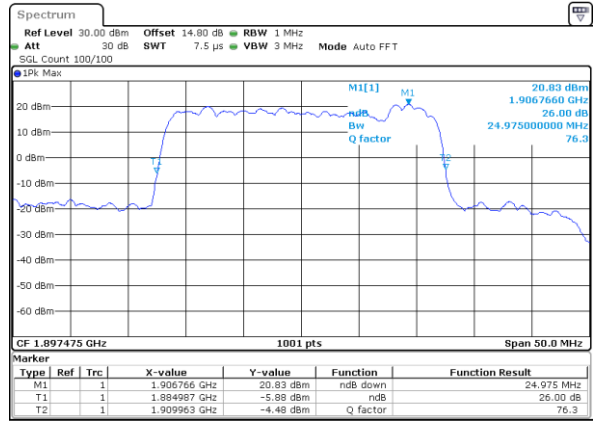
Date: 29\_MAR\_2023 17:00:33

Highest Channel / 5MHz+20MHz



Date: 29\_MAR\_2023 14:03:18

Highest Channel / 20MHz+5MHz



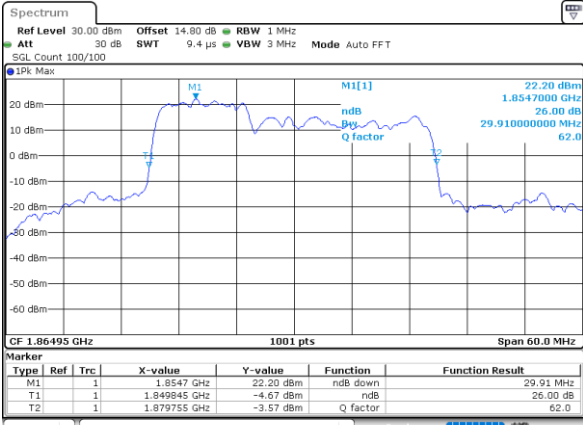
Date: 29\_MAR\_2023 17:02:06



LTE Band 2C

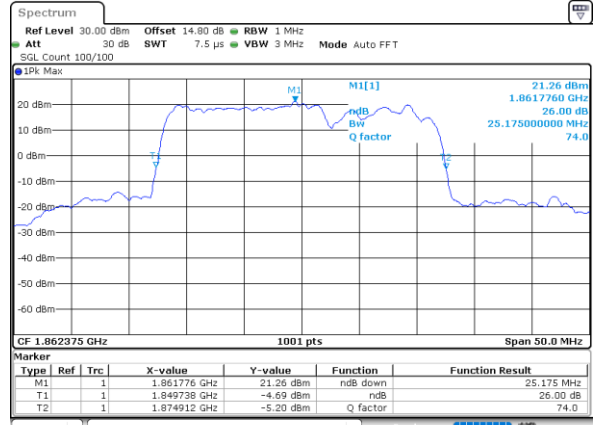
QPSK

Lowest Channel / 10MHz+20MHz



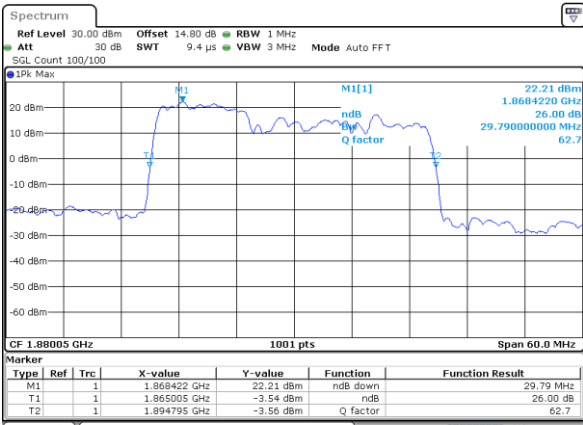
Date: 29\_MAR\_2023 21:28:20

Lowest Channel / 15MHz+10MHz



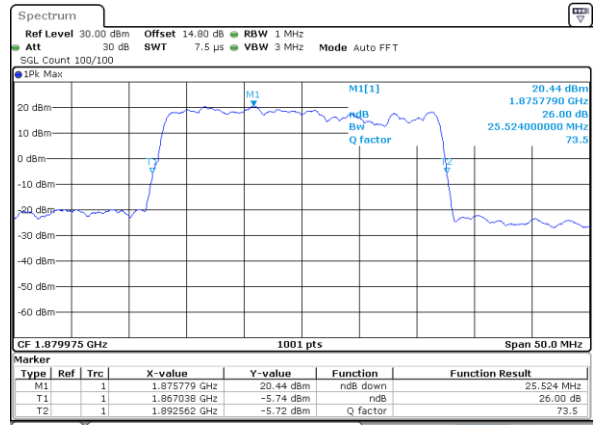
Date: 29\_MAR\_2023 20:13:32

Middle Channel / 10MHz+20MHz



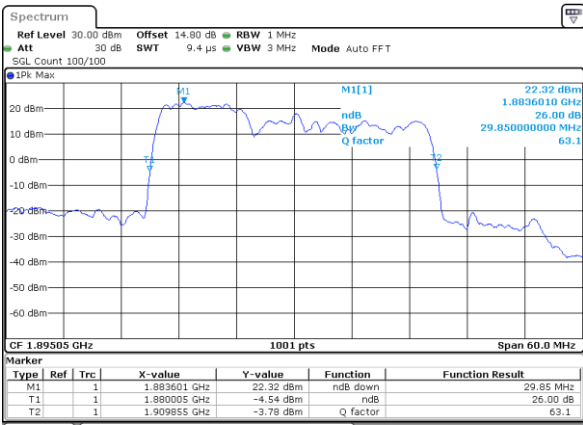
Date: 29\_MAR\_2023 21:30:00

Middle Channel / 15MHz+10MHz



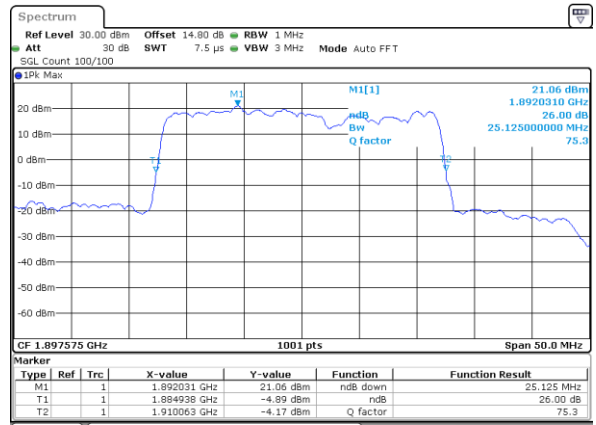
Date: 29\_MAR\_2023 20:15:11

Highest Channel / 10MHz+20MHz



Date: 29\_MAR\_2023 21:31:40

Highest Channel / 15MHz+10MHz



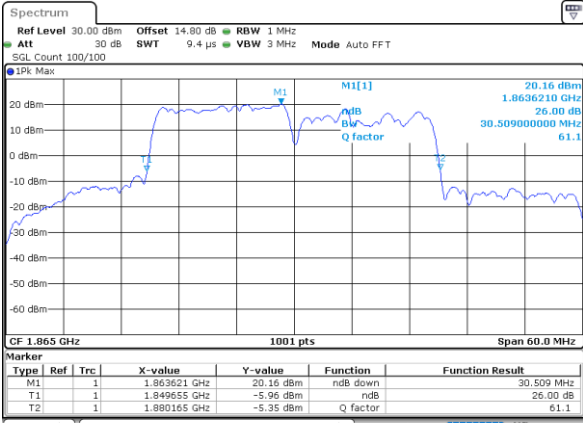
Date: 29\_MAR\_2023 20:16:51



LTE Band 2C

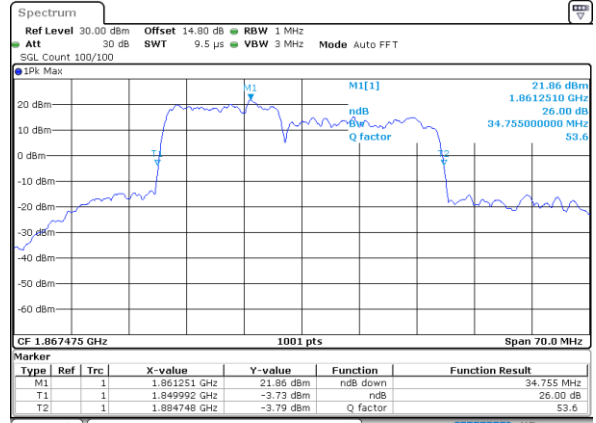
QPSK

Lowest Channel / 15MHz+15MHz



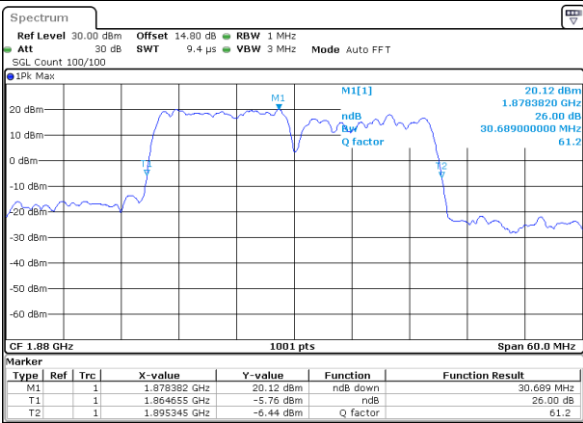
Date: 29\_MAR\_2023 23:04:14

Lowest Channel / 15MHz+20MHz



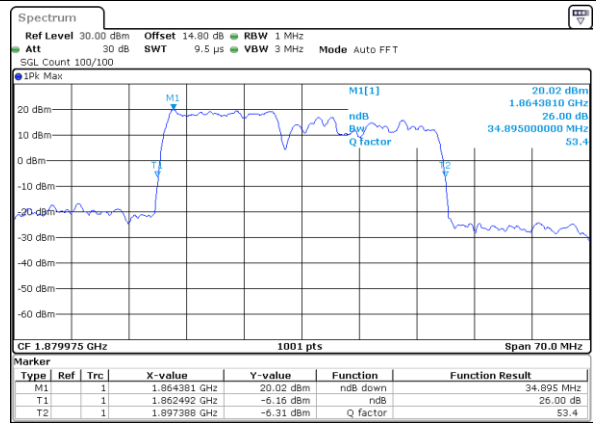
Date: 30\_MAR\_2023 00:18:05

Middle Channel / 15MHz+15MHz



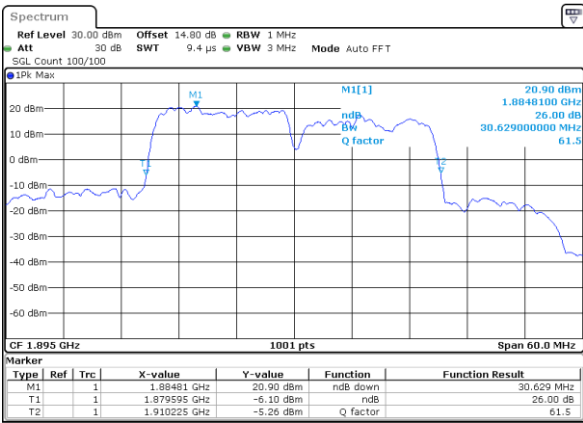
Date: 29\_MAR\_2023 23:05:53

Middle Channel / 15MHz+20MHz



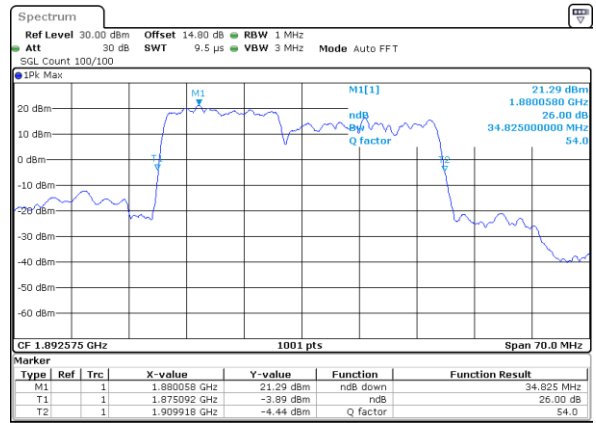
Date: 30\_MAR\_2023 00:12:44

Highest Channel / 15MHz+15MHz



Date: 29\_MAR\_2023 23:07:33

Highest Channel / 15MHz+20MHz



Date: 30\_MAR\_2023 00:21:24

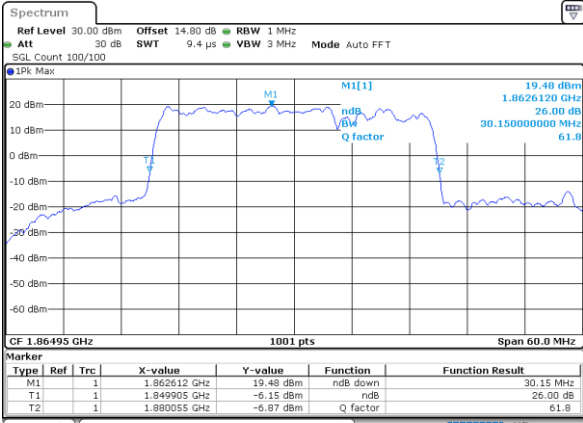




LTE Band 2C

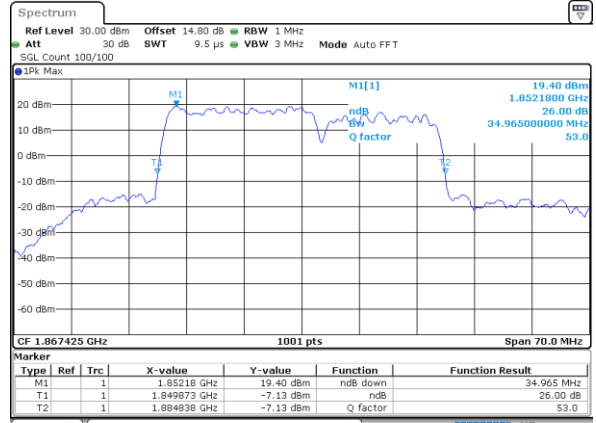
QPSK

Lowest Channel / 20MHz+10MHz



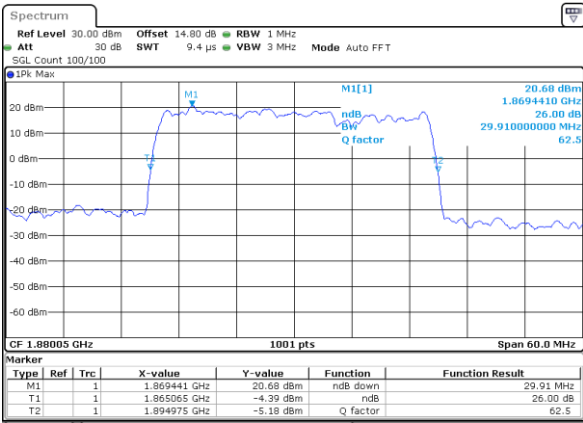
Date: 30\_MAR\_2023 16:19:23

Lowest Channel / 20MHz+15MHz



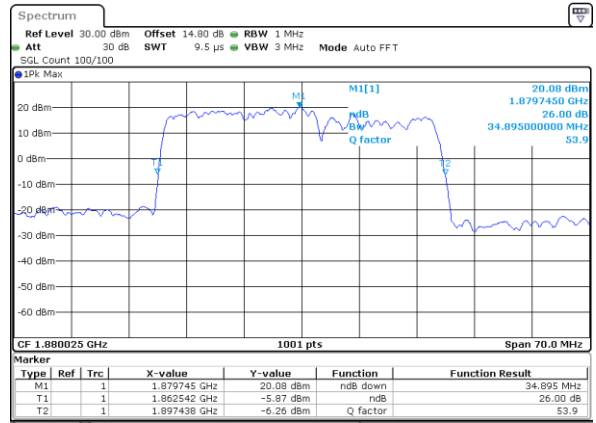
Date: 30\_MAR\_2023 01:13:104

Middle Channel / 20MHz+10MHz



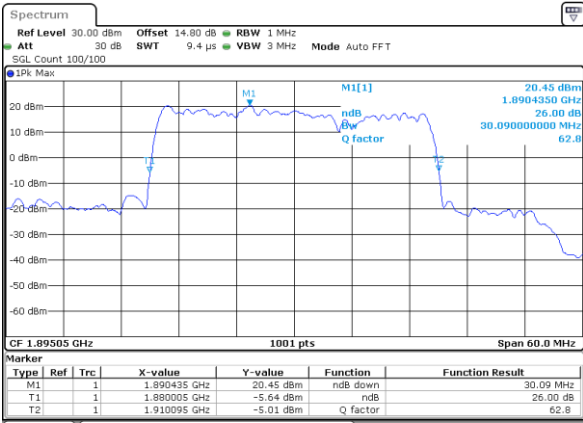
Date: 30\_MAR\_2023 16:20:57

Middle Channel / 20MHz+15MHz



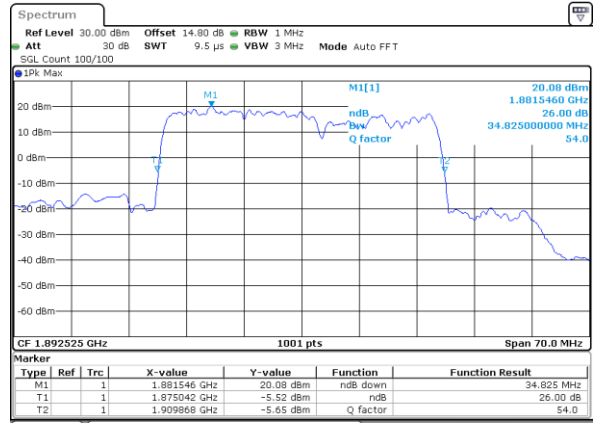
Date: 30\_MAR\_2023 01:13:144

Highest Channel / 20MHz+10MHz



Date: 30\_MAR\_2023 16:22:30

Highest Channel / 20MHz+15MHz



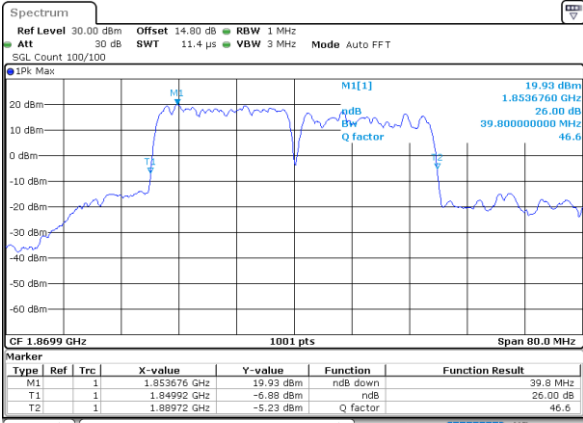
Date: 30\_MAR\_2023 01:13:25



LTE Band 2C

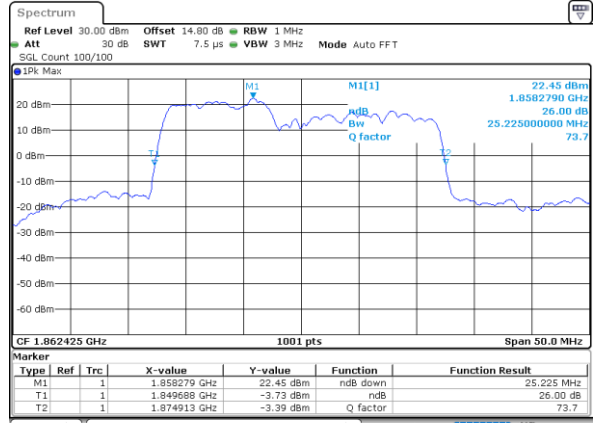
QPSK

Lowest Channel / 20MHz+20MHz



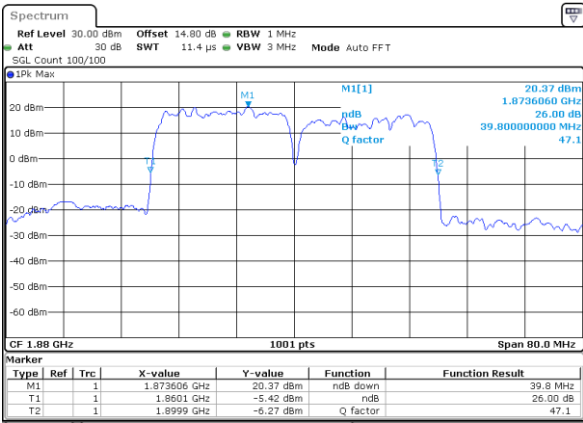
Date: 30\_MAR\_2023 02:46:09

Lowest Channel / 10MHz+15MHz



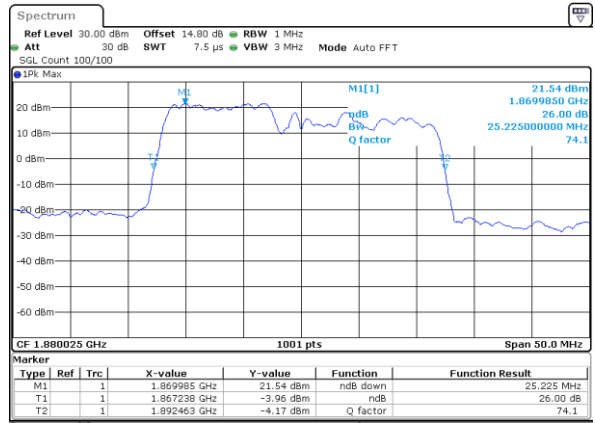
Date: 29\_MAR\_2023 18:59:41

Middle Channel / 20MHz+20MHz



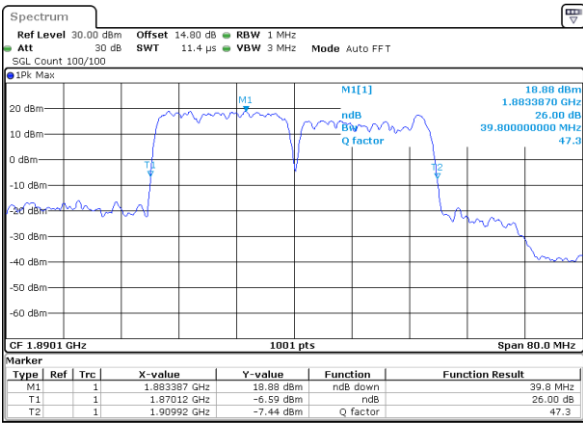
Date: 30\_MAR\_2023 02:47:49

Middle Channel / 10MHz+15MHz



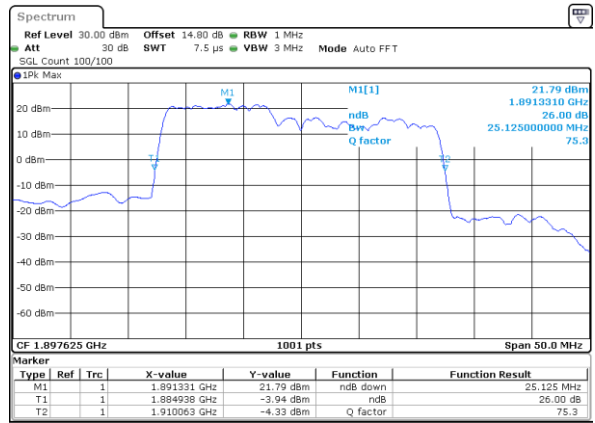
Date: 29\_MAR\_2023 19:01:21

Highest Channel / 20MHz+20MHz



Date: 30\_MAR\_2023 02:49:30

Highest Channel / 10MHz+15MHz



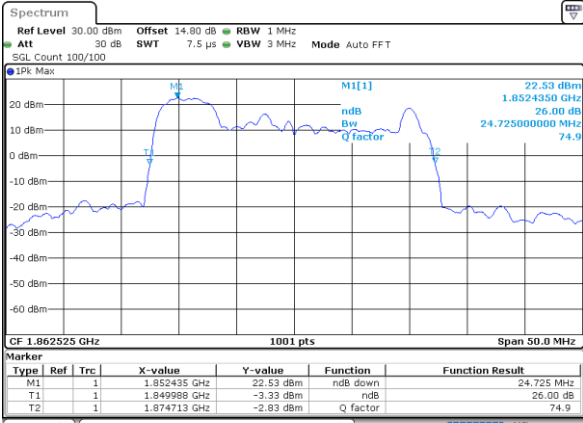
Date: 29\_MAR\_2023 19:03:00



LTE Band 2C

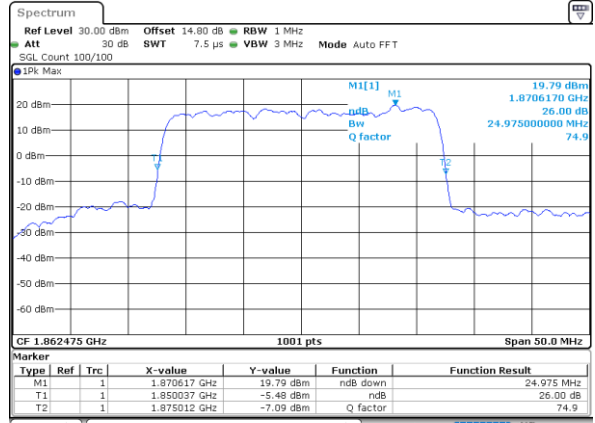
16QAM

Lowest Channel / 5MHz+20MHz



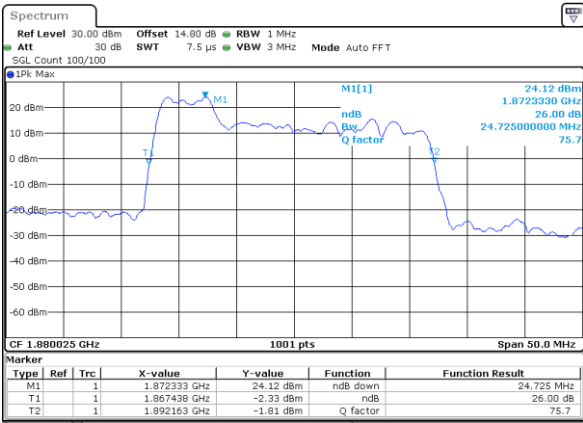
Date: 29\_MAR\_2023 14:00:42

Lowest Channel / 20MHz+5MHz



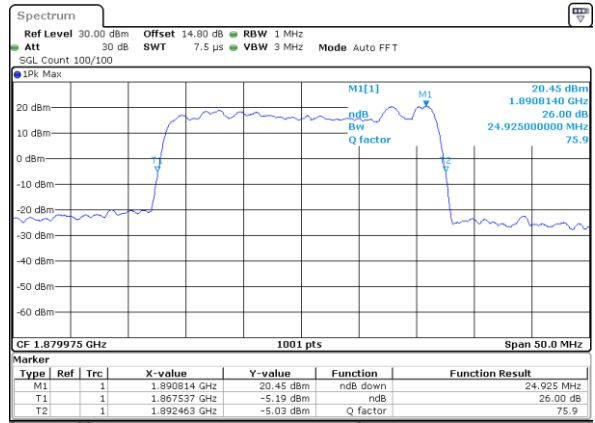
Date: 29\_MAR\_2023 16:59:30

Middle Channel / 5MHz+20MHz



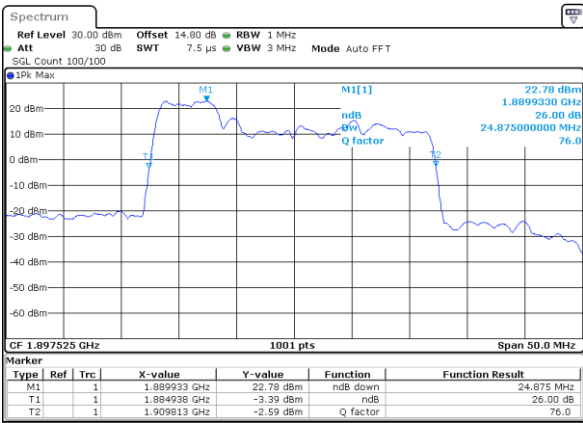
Date: 29\_MAR\_2023 14:02:15

Middle Channel / 20MHz+5MHz



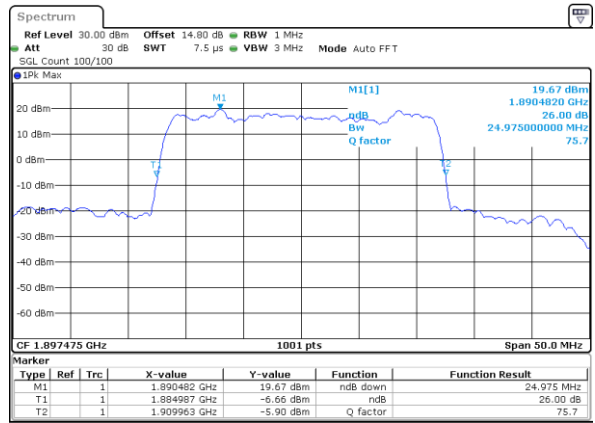
Date: 29\_MAR\_2023 17:01:03

Highest Channel / 5MHz+20MHz



Date: 29\_MAR\_2023 14:03:48

Highest Channel / 20MHz+5MHz



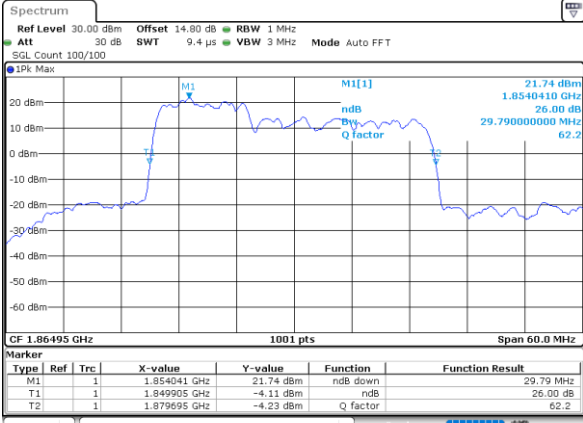
Date: 29\_MAR\_2023 17:02:36



LTE Band 2C

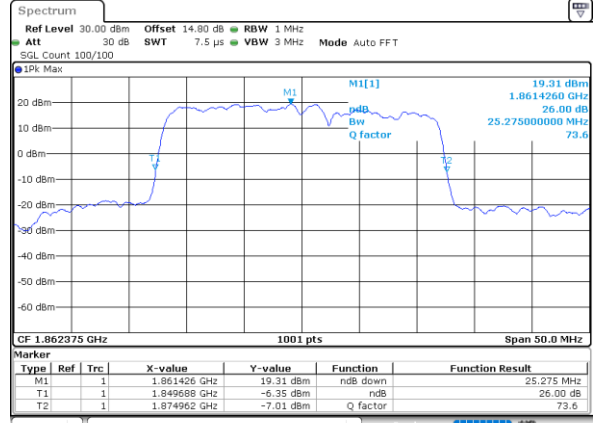
16QAM

Lowest Channel / 10MHz+20MHz



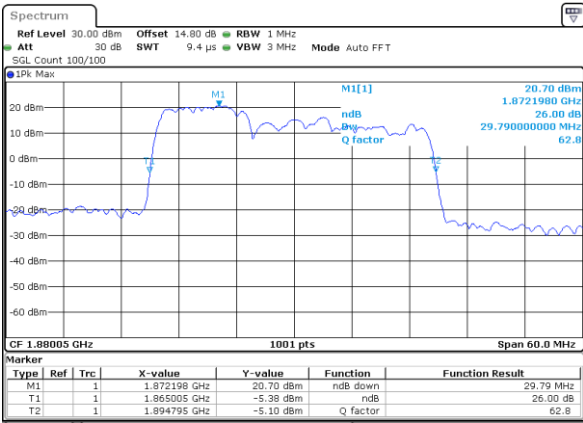
Date: 29\_MAR\_2023 21:28:52

Lowest Channel / 15MHz+10MHz



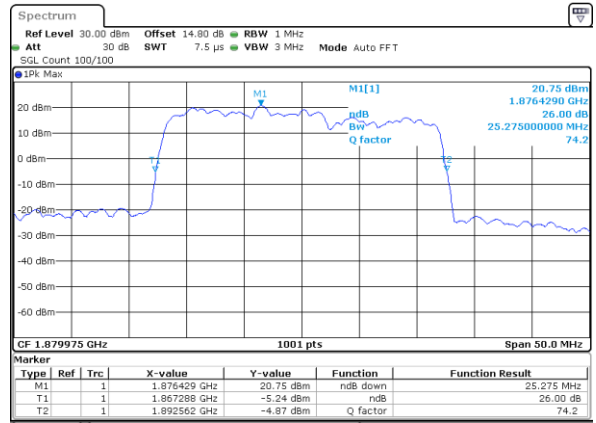
Date: 29\_MAR\_2023 20:11:04

Middle Channel / 10MHz+20MHz



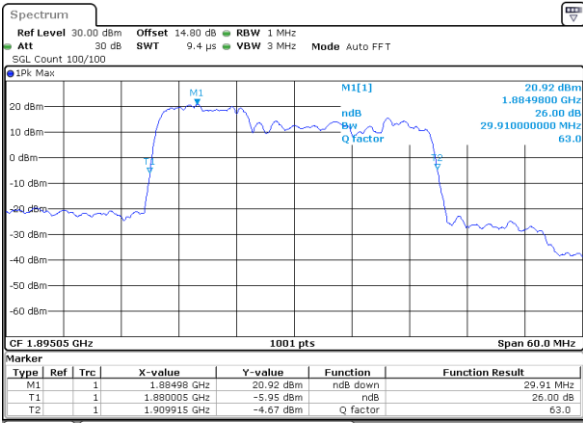
Date: 29\_MAR\_2023 21:30:52

Middle Channel / 15MHz+10MHz



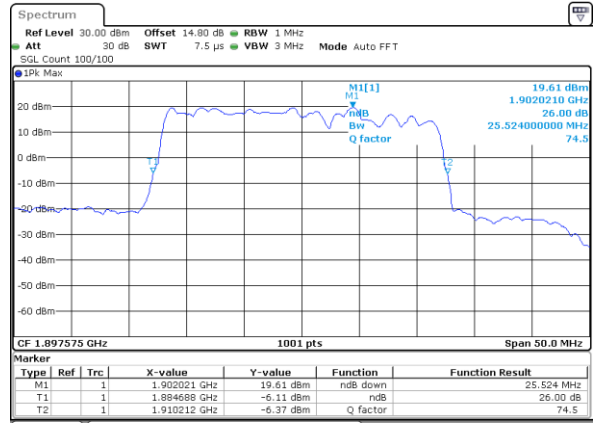
Date: 29\_MAR\_2023 20:15:43

Highest Channel / 10MHz+20MHz



Date: 29\_MAR\_2023 21:32:13

Highest Channel / 15MHz+10MHz



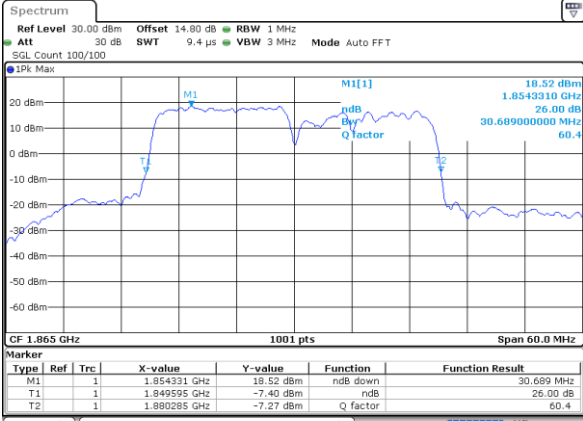
Date: 29\_MAR\_2023 20:17:23



LTE Band 2C

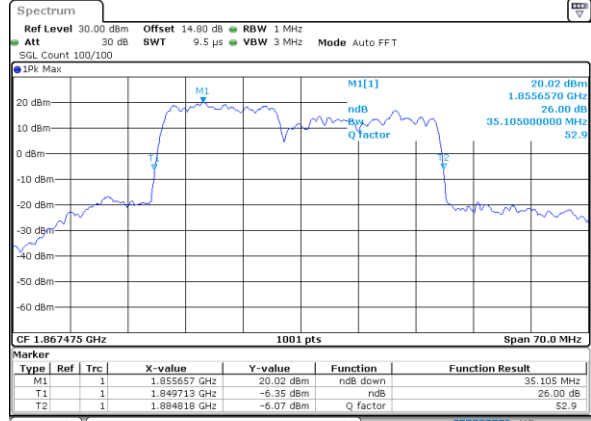
16QAM

Lowest Channel / 15MHz+15MHz



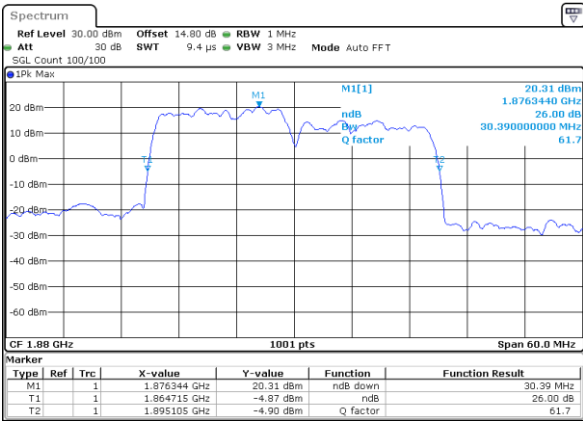
Date: 29\_MAR\_2023 23:04:46

Lowest Channel / 15MHz+20MHz



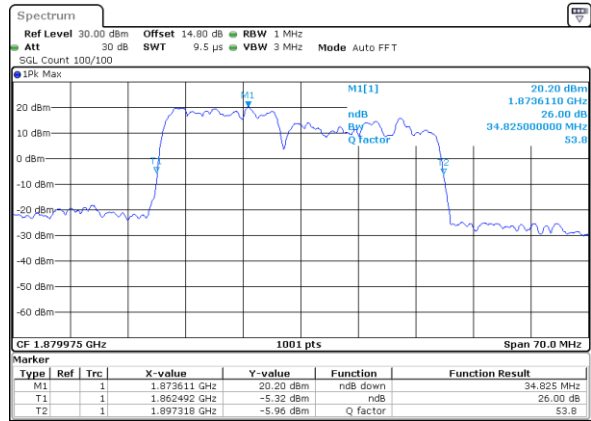
Date: 30\_MAR\_2023 00:18:37

Middle Channel / 15MHz+15MHz



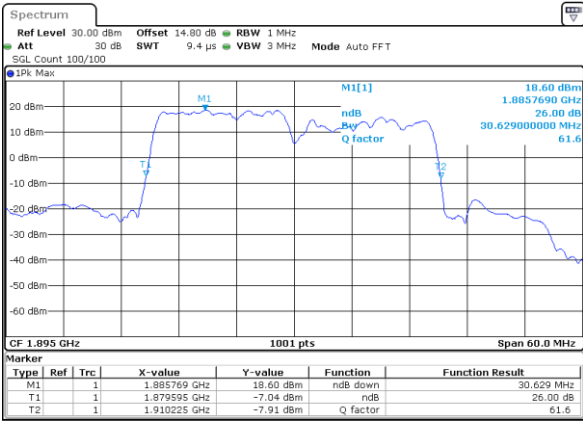
Date: 29\_MAR\_2023 23:06:25

Middle Channel / 15MHz+20MHz



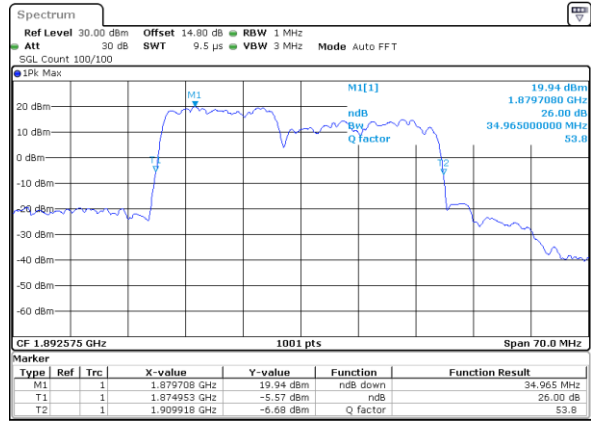
Date: 30\_MAR\_2023 00:20:16

Highest Channel / 15MHz+15MHz



Date: 29\_MAR\_2023 23:08:05

Highest Channel / 15MHz+20MHz



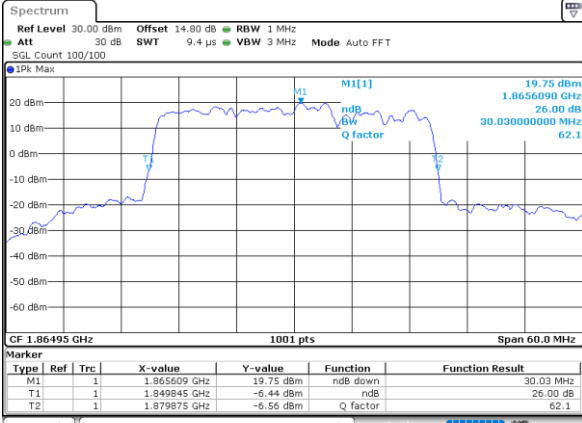
Date: 30\_MAR\_2023 00:21:56



LTE Band 2C

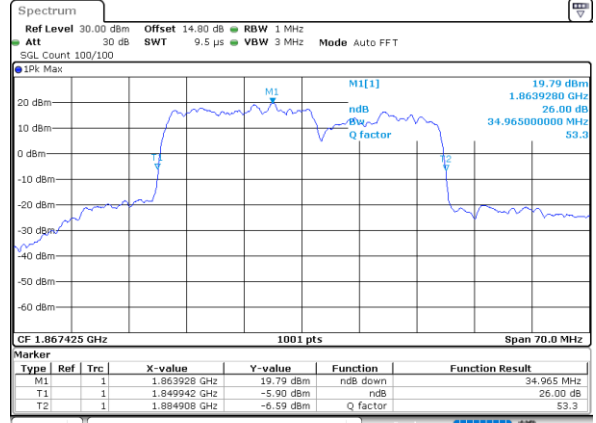
16QAM

Lowest Channel / 20MHz+10MHz



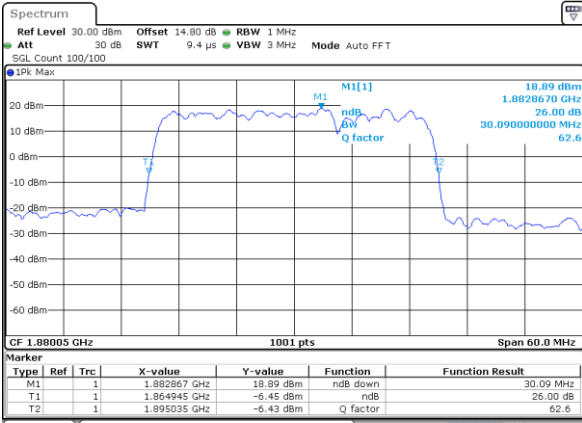
Date: 30\_MAR\_2023 16:19:53

Lowest Channel / 20MHz+15MHz



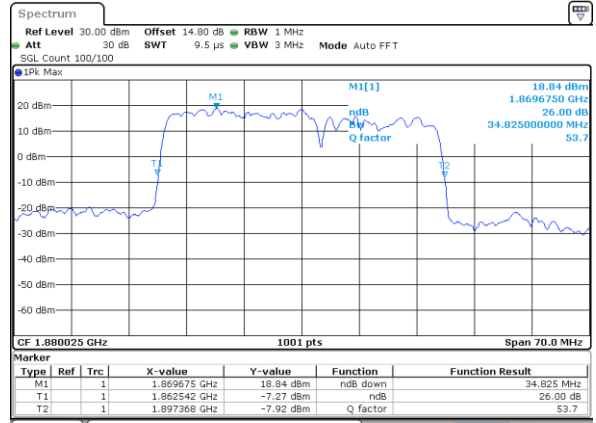
Date: 30\_MAR\_2023 01:32:36

Middle Channel / 20MHz+10MHz



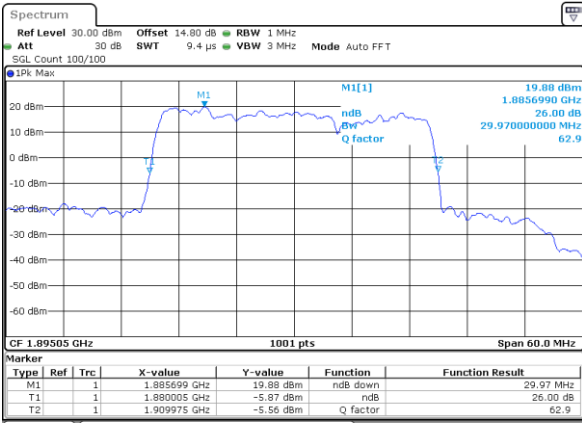
Date: 30\_MAR\_2023 16:21:26

Middle Channel / 20MHz+15MHz



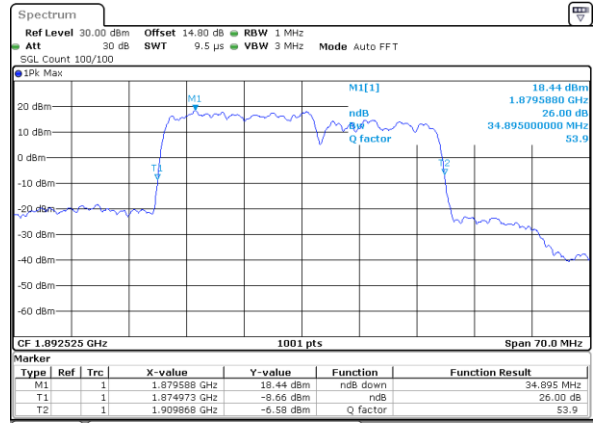
Date: 30\_MAR\_2023 01:34:16

Highest Channel / 20MHz+10MHz



Date: 30\_MAR\_2023 16:23:00

Highest Channel / 20MHz+15MHz



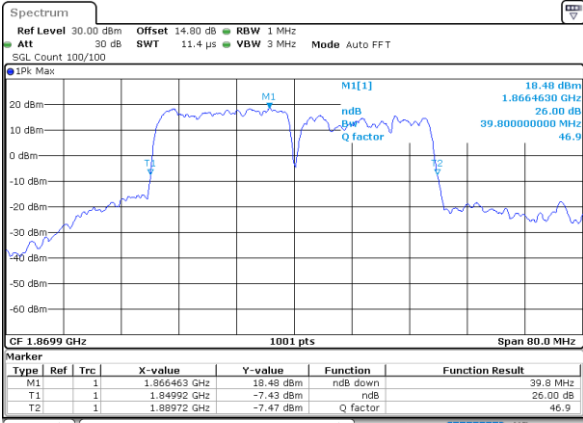
Date: 30\_MAR\_2023 01:35:57



LTE Band 2C

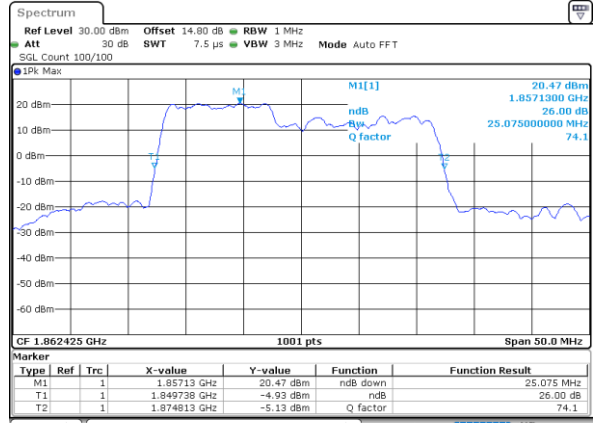
16QAM

Lowest Channel / 20MHz+20MHz



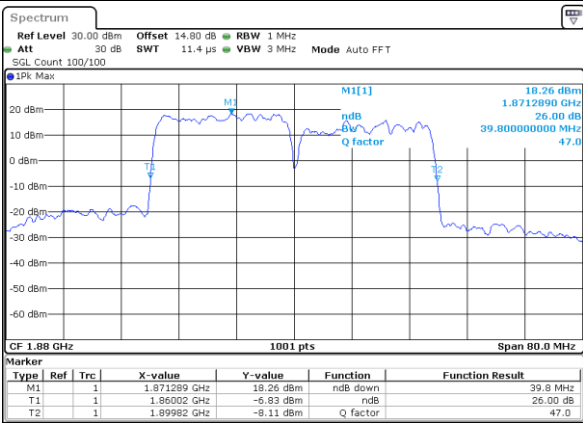
Date: 30\_MAR\_2023 02:46:41

Lowest Channel / 10MHz+15MHz



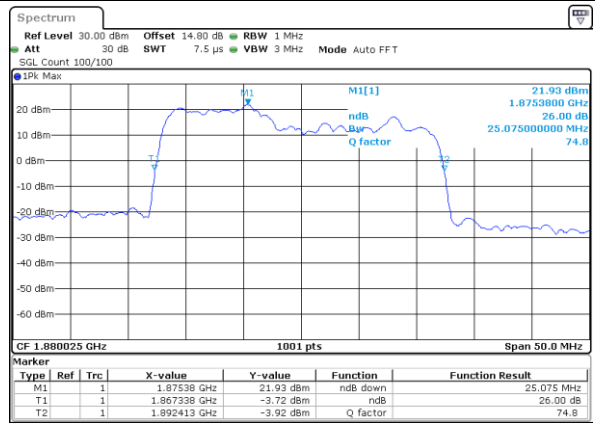
Date: 29\_MAR\_2023 19:00:13

Middle Channel / 20MHz+20MHz



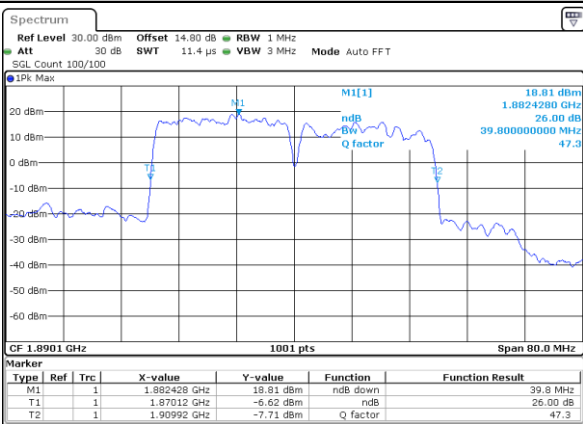
Date: 30\_MAR\_2023 02:48:22

Middle Channel / 10MHz+15MHz



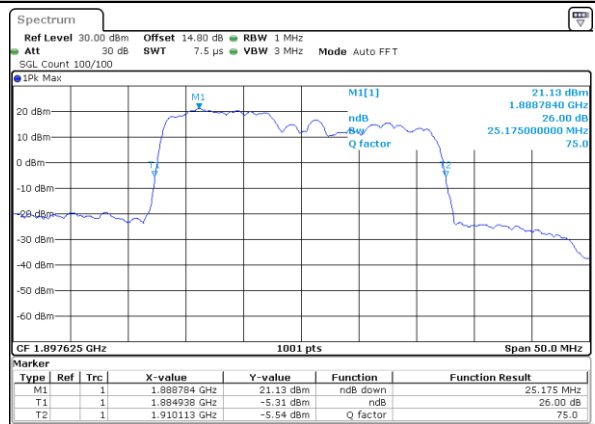
Date: 29\_MAR\_2023 19:01:53

Highest Channel / 20MHz+20MHz



Date: 30\_MAR\_2023 02:50:02

Highest Channel / 10MHz+15MHz



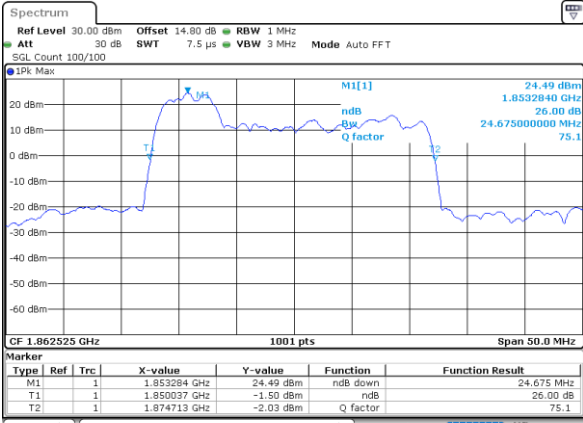
Date: 29\_MAR\_2023 19:03:32



LTE Band 2C

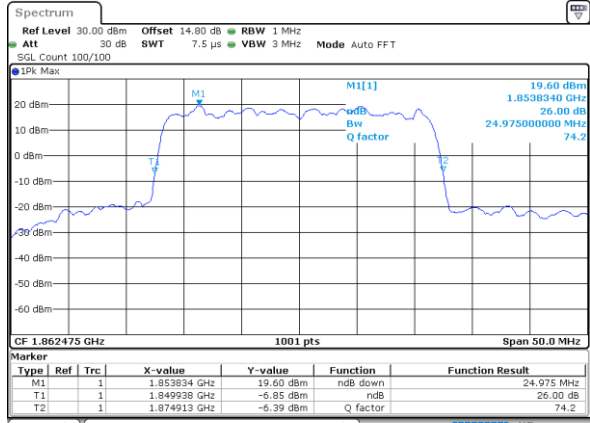
64QAM

Lowest Channel / 5MHz+20MHz



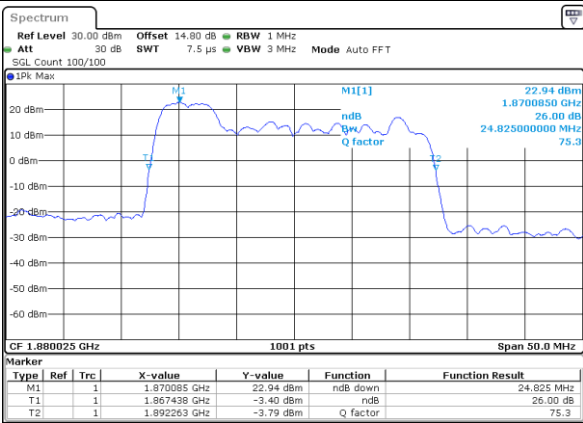
Date: 29\_MAR\_2023 14:01:12

Lowest Channel / 20MHz+5MHz



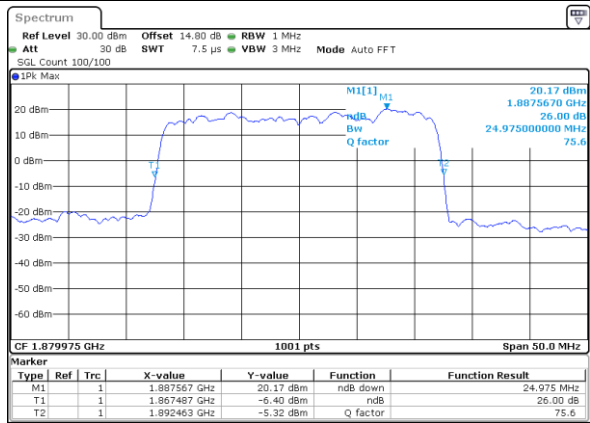
Date: 29\_MAR\_2023 16:59:59

Middle Channel / 5MHz+20MHz



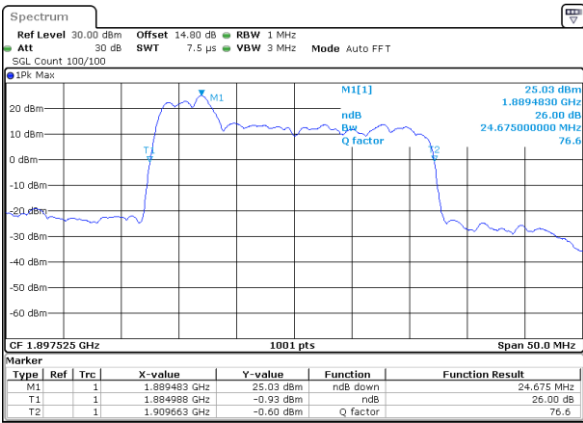
Date: 29\_MAR\_2023 14:02:45

Middle Channel / 20MHz+5MHz



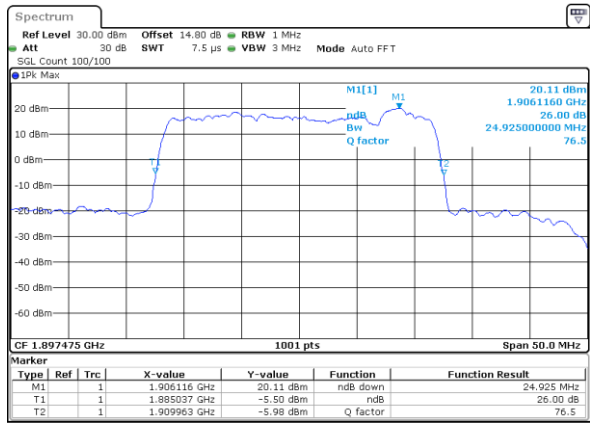
Date: 29\_MAR\_2023 17:01:33

Highest Channel / 5MHz+20MHz



Date: 29\_MAR\_2023 14:04:18

Highest Channel / 20MHz+5MHz



Date: 29\_MAR\_2023 17:03:06

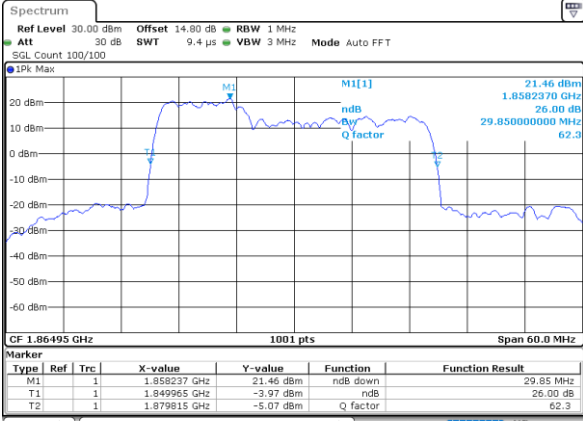




LTE Band 2C

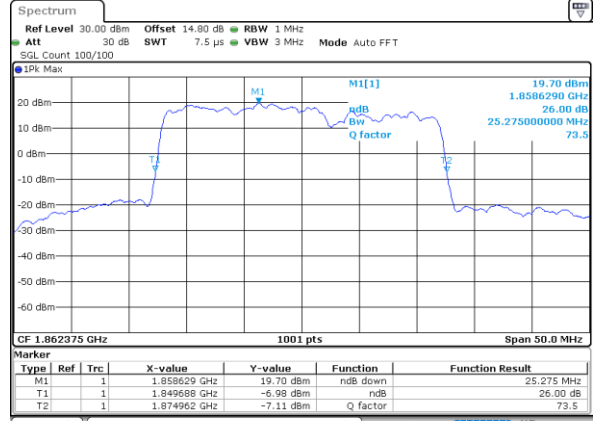
64QAM

Lowest Channel / 10MHz+20MHz



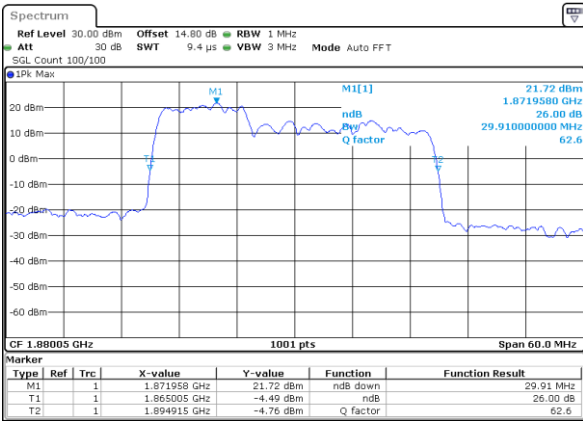
Date: 29\_MAR\_2023 21:29:24

Lowest Channel / 15MHz+10MHz



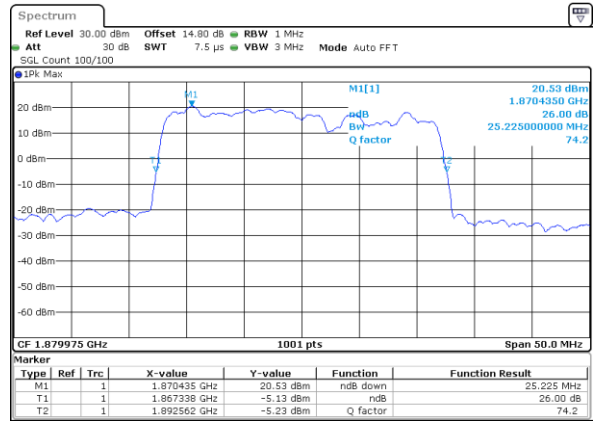
Date: 29\_MAR\_2023 20:14:36

Middle Channel / 10MHz+20MHz



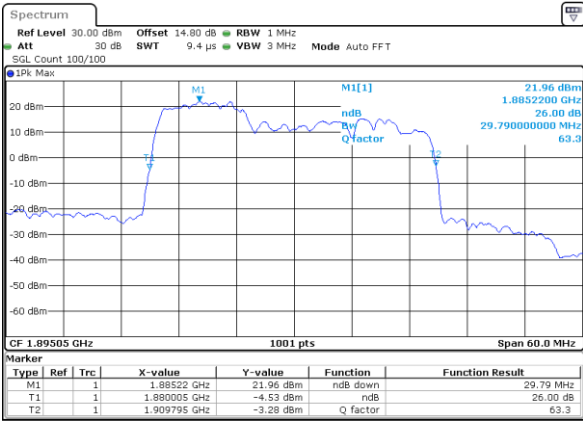
Date: 29\_MAR\_2023 21:31:04

Middle Channel / 15MHz+10MHz



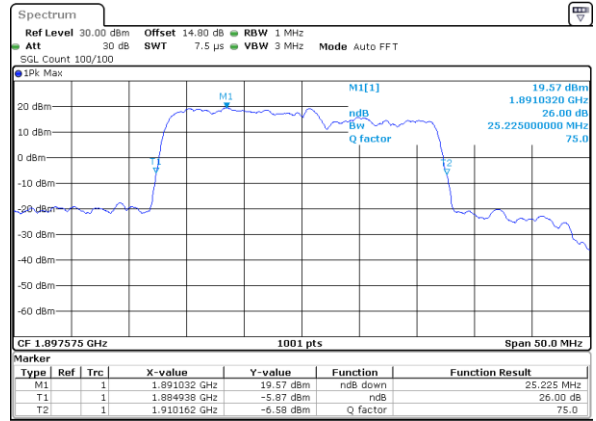
Date: 29\_MAR\_2023 20:16:15

Highest Channel / 10MHz+20MHz



Date: 29\_MAR\_2023 21:32:44

Highest Channel / 15MHz+10MHz



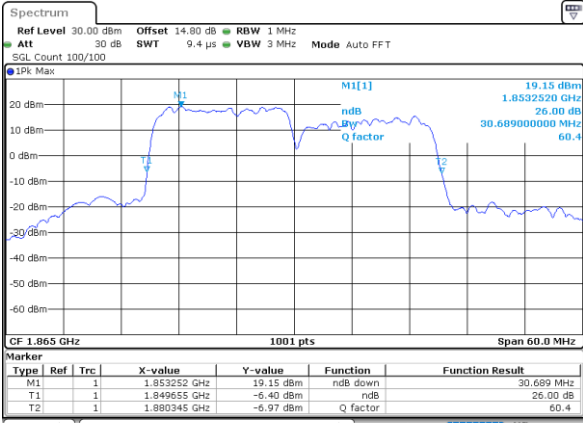
Date: 29\_MAR\_2023 20:17:55



LTE Band 2C

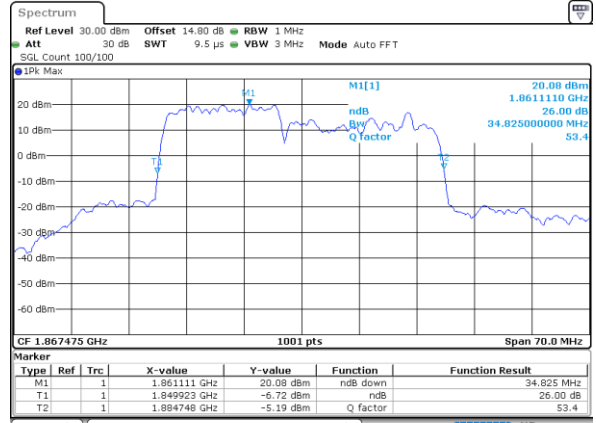
64QAM

Lowest Channel / 15MHz+15MHz



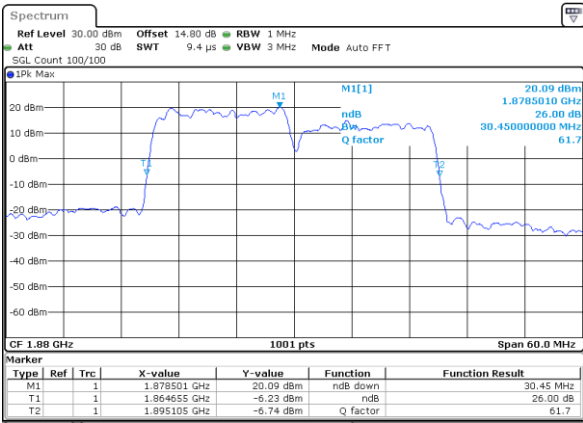
Date: 29\_MAR\_2023 23:05:18

Lowest Channel / 15MHz+20MHz



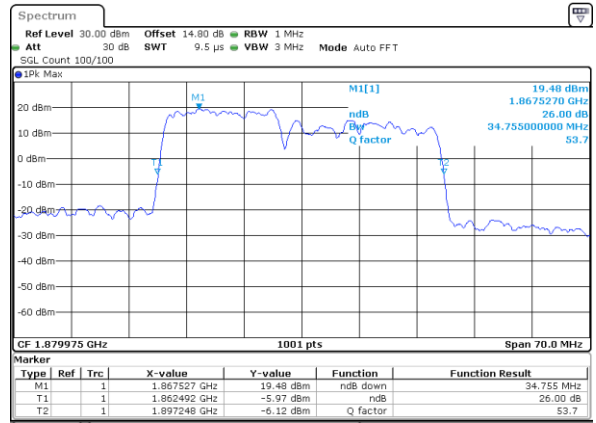
Date: 30\_MAR\_2023 00:19:09

Middle Channel / 15MHz+15MHz



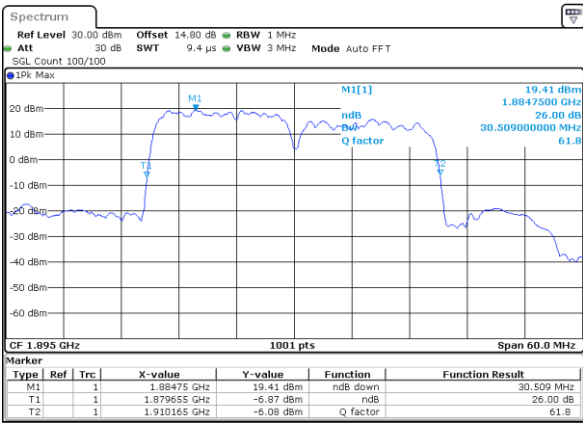
Date: 29\_MAR\_2023 23:06:58

Middle Channel / 15MHz+20MHz



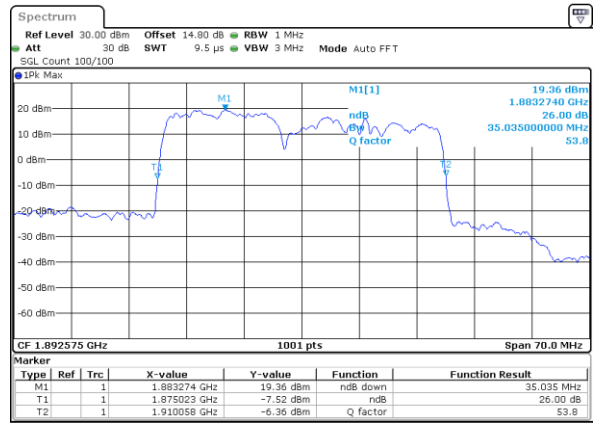
Date: 30\_MAR\_2023 00:20:49

Highest Channel / 15MHz+15MHz



Date: 29\_MAR\_2023 23:08:38

Highest Channel / 15MHz+20MHz



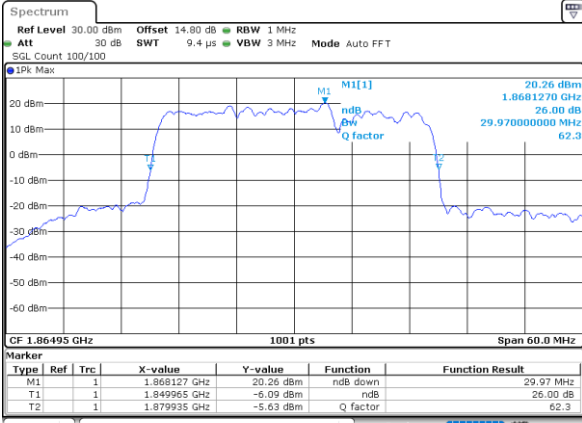
Date: 30\_MAR\_2023 00:22:29



LTE Band 2C

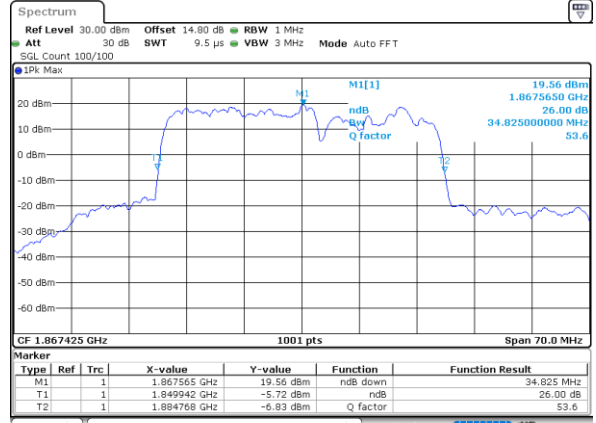
64QAM

Lowest Channel / 20MHz+10MHz



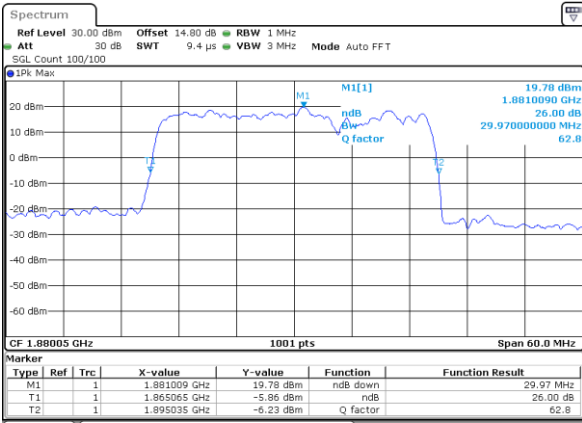
Date: 30\_MAR\_2023 16:20:23

Lowest Channel / 20MHz+15MHz



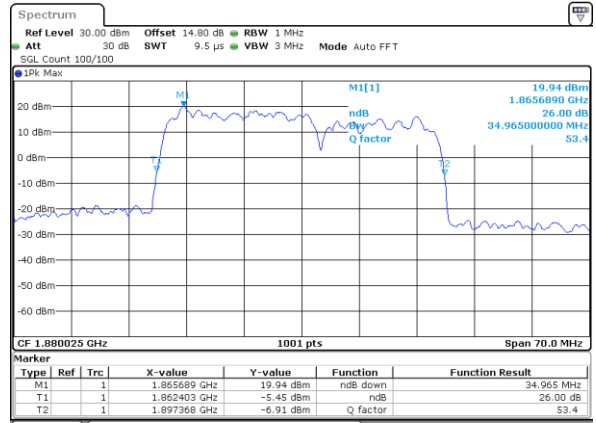
Date: 30\_MAR\_2023 01:33:08

Middle Channel / 20MHz+10MHz



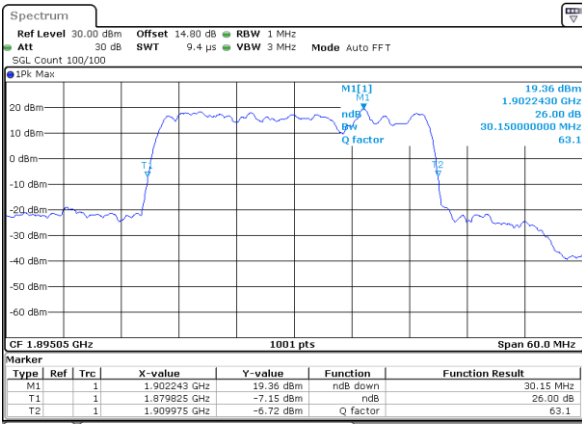
Date: 30\_MAR\_2023 16:21:56

Middle Channel / 20MHz+15MHz



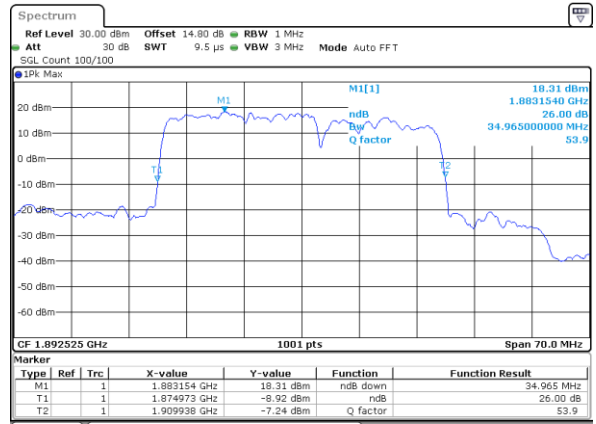
Date: 30\_MAR\_2023 01:34:49

Highest Channel / 20MHz+10MHz



Date: 30\_MAR\_2023 16:23:30

Highest Channel / 20MHz+15MHz



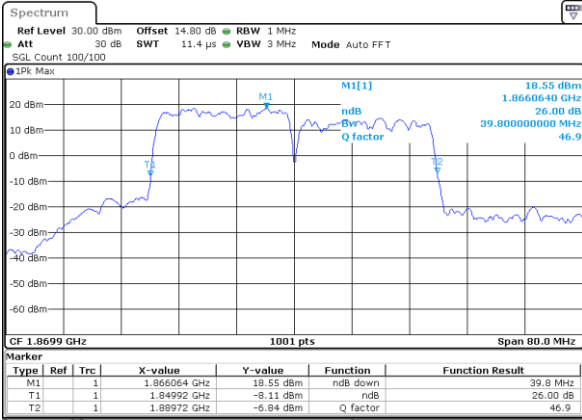
Date: 30\_MAR\_2023 01:36:29



LTE Band 2C

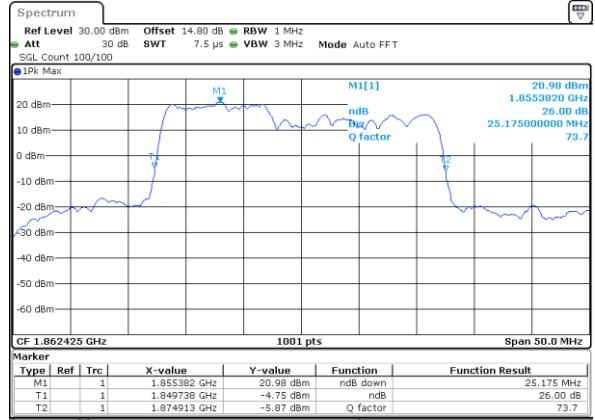
64QAM

Lowest Channel / 20MHz+20MHz



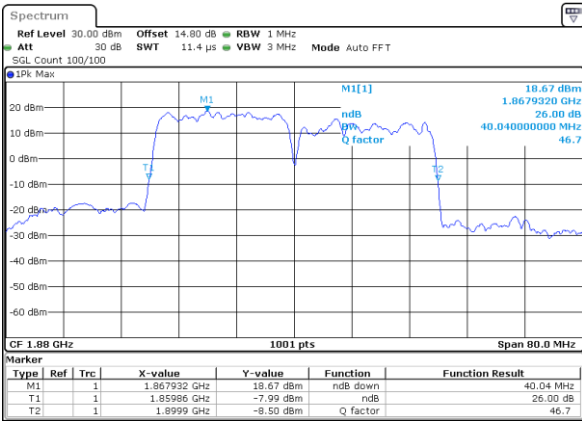
Date: 30\_MAR\_2023 02:47:14

Lowest Channel / 10MHz+15MHz



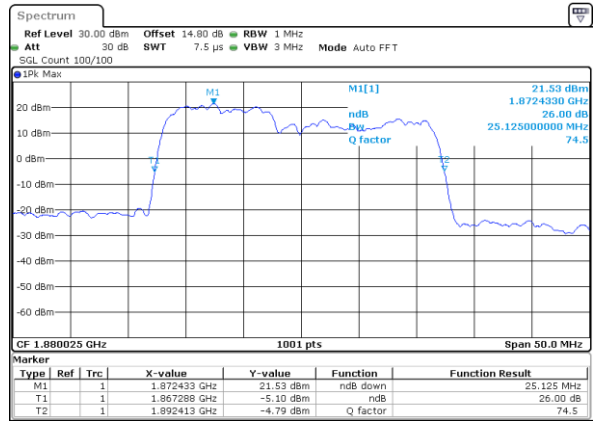
Date: 29\_MAR\_2023 19:00:46

Middle Channel / 20MHz+20MHz



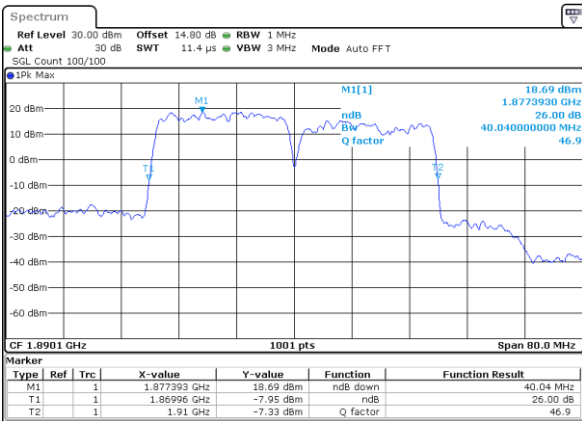
Date: 30\_MAR\_2023 02:48:54

Middle Channel / 10MHz+15MHz



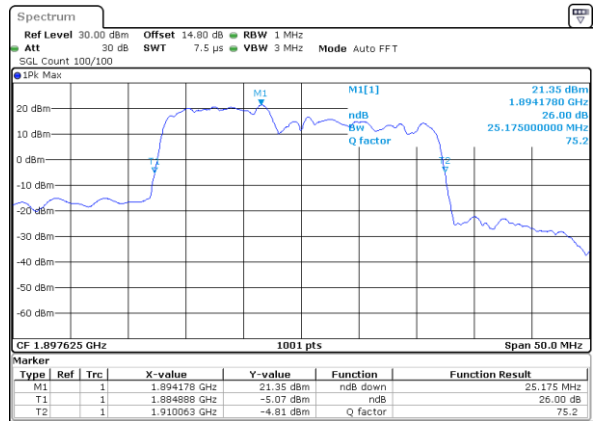
Date: 29\_MAR\_2023 19:02:25

Highest Channel / 20MHz+20MHz



Date: 30\_MAR\_2023 02:50:34

Highest Channel / 10MHz+15MHz



Date: 29\_MAR\_2023 19:04:04



### Occupied Bandwidth

| Mode       | LTE Band 2C : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| QPSK       |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 20MHz+5MHz  | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 23.48                     | 23.38       | 27.81       | 23.38       | 28.41       |
| Middle CH  | 22.93                     | 23.28       | 27.87       | 23.33       | 28.53       |
| Highest CH | 23.28                     | 23.18       | 27.69       | 23.28       | 28.47       |
| BW         | 10MHz+15MHz               | 15MHz+20MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 23.28                     | 32.87       | 27.93       | 32.52       | 37.72       |
| Middle CH  | 23.53                     | 32.80       | 27.99       | 32.94       | 37.56       |
| Highest CH | 23.23                     | 32.94       | 28.23       | 32.80       | 37.80       |

| Mode       | LTE Band 2C : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| 16QAM      |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 20MHz+5MHz  | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 23.08                     | 23.23       | 27.93       | 23.23       | 28.53       |
| Middle CH  | 22.93                     | 23.23       | 27.93       | 23.48       | 28.59       |
| Highest CH | 23.18                     | 23.38       | 28.05       | 23.43       | 28.35       |
| BW         | 10MHz+15MHz               | 15MHz+20MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 23.43                     | 32.52       | 28.05       | 32.73       | 37.40       |
| Middle CH  | 23.33                     | 32.52       | 27.99       | 32.59       | 37.48       |
| Highest CH | 23.38                     | 32.73       | 27.99       | 32.80       | 37.32       |

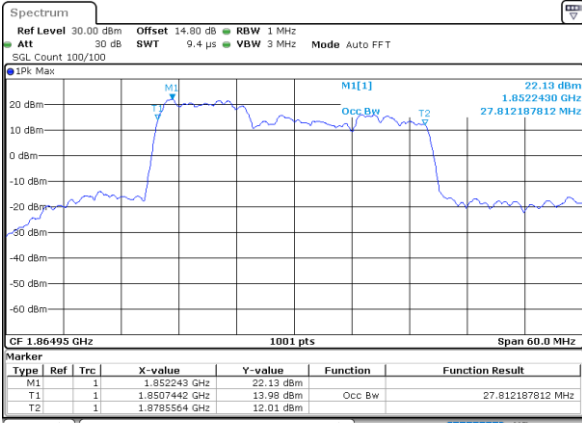
| Mode       | LTE Band 2C : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| 64QAM      |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 20MHz+5MHz  | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 23.08                     | 23.28       | 28.11       | 23.73       | 28.83       |
| Middle CH  | 23.03                     | 23.28       | 27.69       | 23.38       | 28.83       |
| Highest CH | 24.68                     | 23.38       | 28.17       | 23.23       | 28.35       |
| BW         | 10MHz+15MHz               | 15MHz+20MHz | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 23.18                     | 32.94       | 27.87       | 32.08       | 37.56       |
| Middle CH  | 23.38                     | 32.73       | 27.93       | 32.52       | 37.56       |
| Highest CH | 23.23                     | 32.73       | 28.05       | 32.59       | 37.72       |



LTE Band 2C

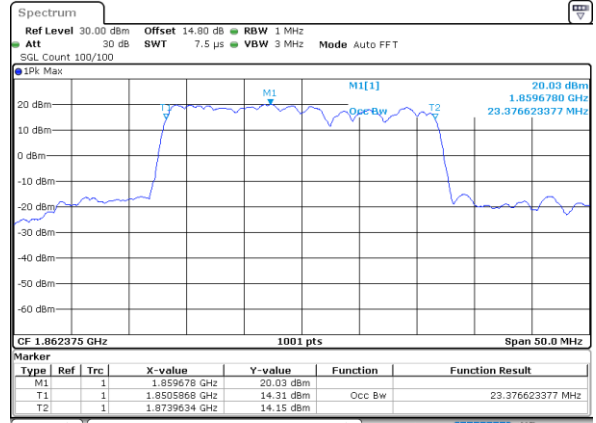
QPSK

Lowest Channel / 10MHz+20MHz



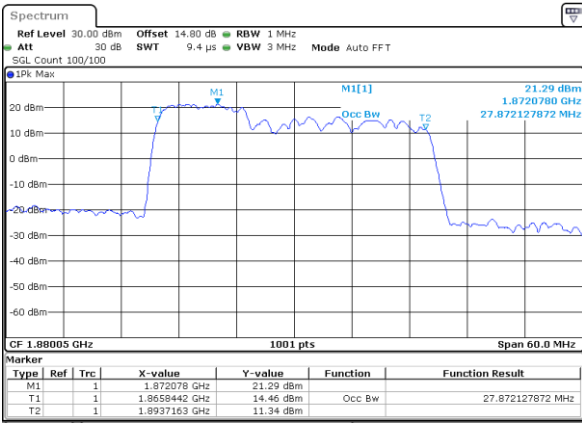
Date: 29\_MAR\_2023 21:23:20

Lowest Channel / 15MHz+10MHz



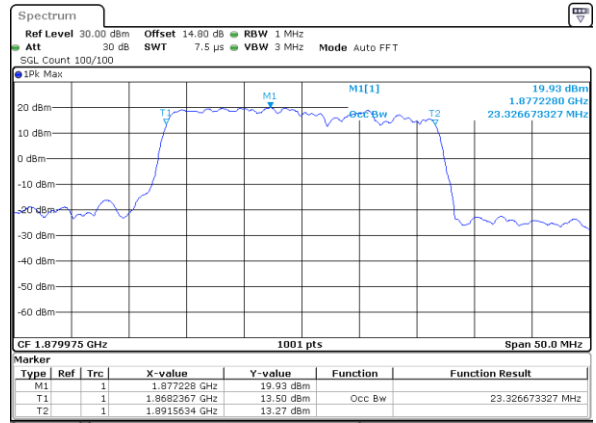
Date: 29\_MAR\_2023 20:08:33

Middle Channel / 10MHz+20MHz



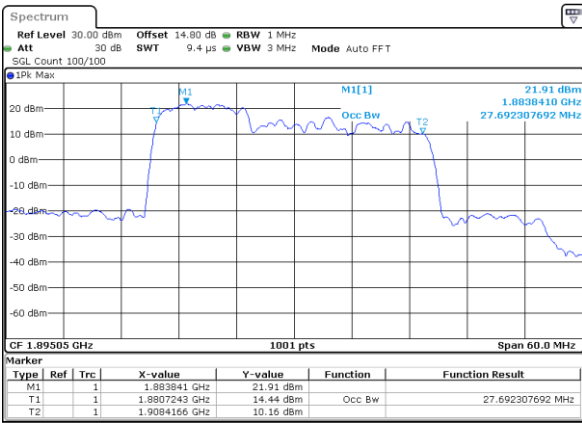
Date: 29\_MAR\_2023 21:25:01

Middle Channel / 15MHz+10MHz



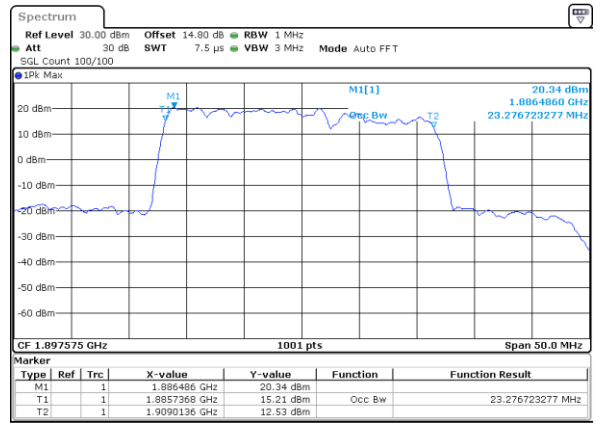
Date: 29\_MAR\_2023 20:10:13

Highest Channel / 10MHz+20MHz



Date: 29\_MAR\_2023 21:26:40

Highest Channel / 15MHz+10MHz



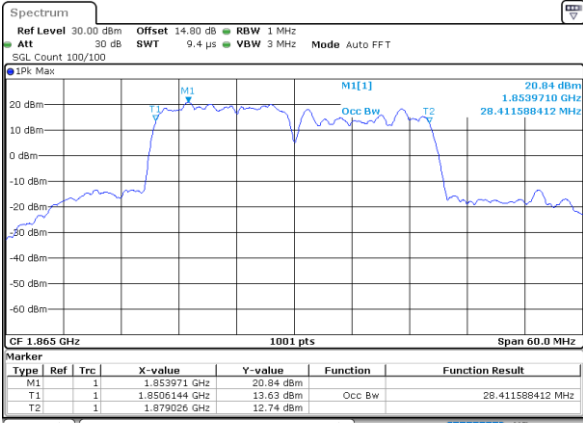
Date: 29\_MAR\_2023 20:11:52



LTE Band 2C

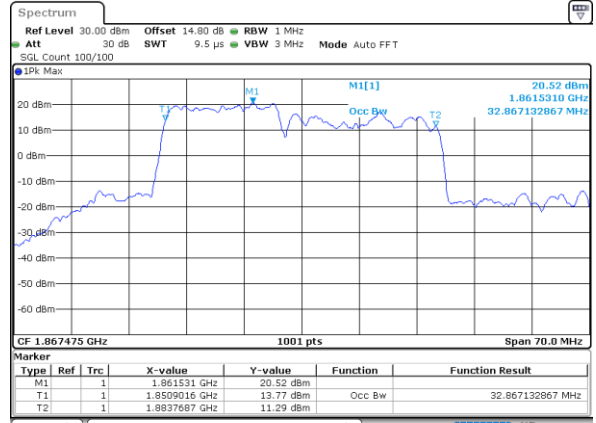
QPSK

Lowest Channel / 15MHz+15MHz



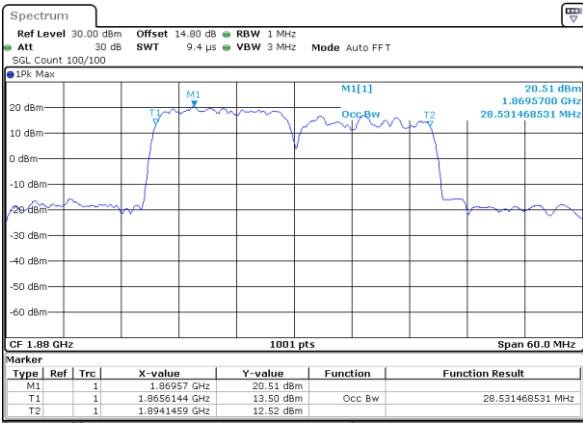
Date: 29\_MAR\_2023 22:59:07

Lowest Channel / 15MHz+20MHz



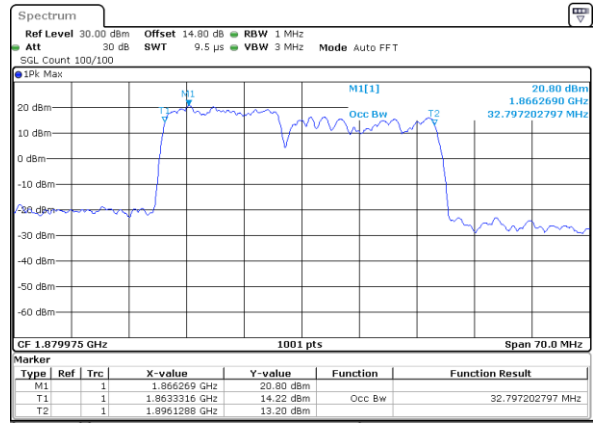
Date: 30\_MAR\_2023 00:13:06

Middle Channel / 15MHz+15MHz



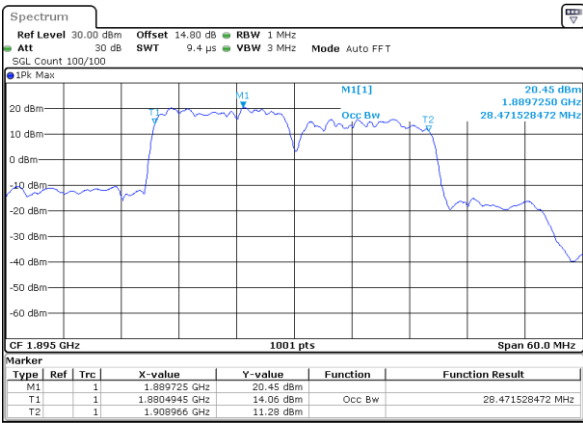
Date: 29\_MAR\_2023 23:00:54

Middle Channel / 15MHz+20MHz



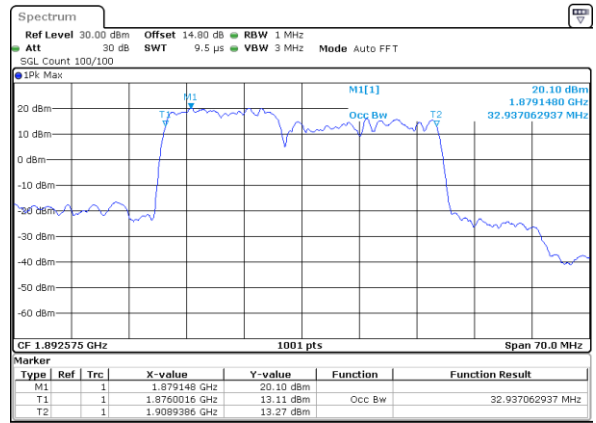
Date: 30\_MAR\_2023 00:14:45

Highest Channel / 15MHz+15MHz



Date: 29\_MAR\_2023 23:02:34

Highest Channel / 15MHz+20MHz



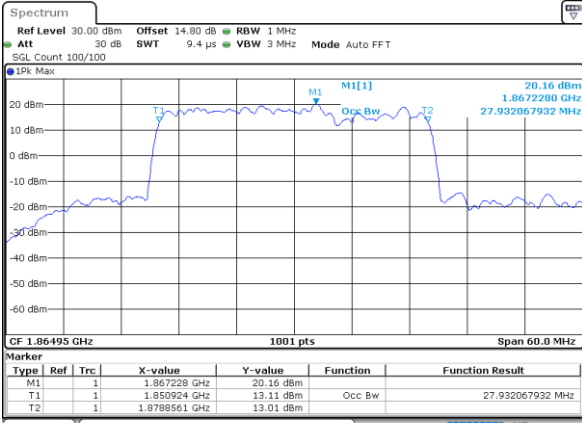
Date: 30\_MAR\_2023 00:16:25



LTE Band 2C

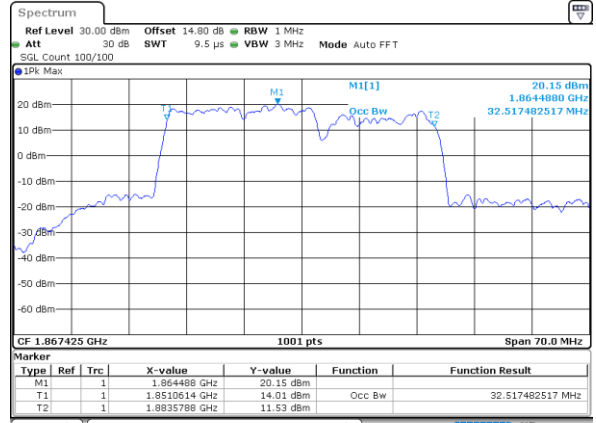
QPSK

Lowest Channel / 20MHz+10MHz



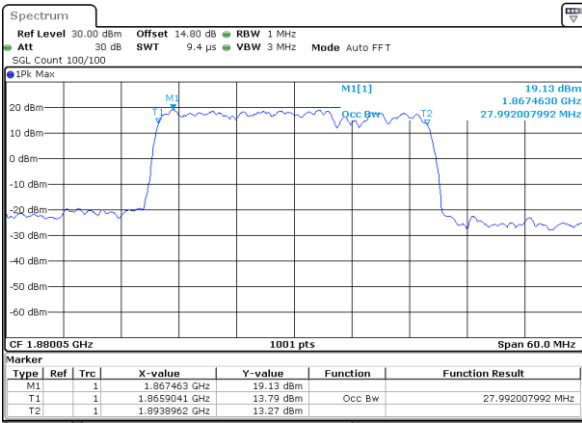
Date: 30\_MAR\_2023 16:13:23

Lowest Channel / 20MHz+15MHz



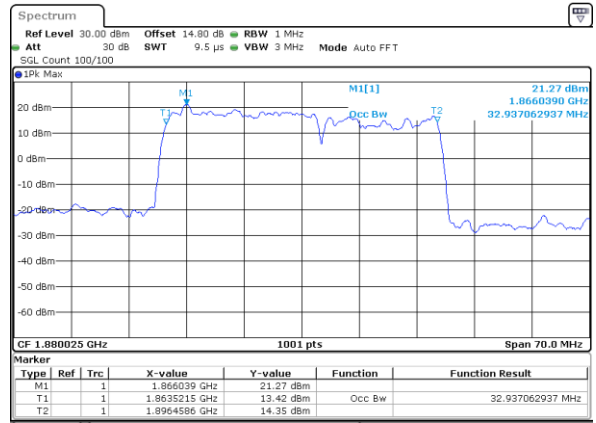
Date: 30\_MAR\_2023 01:27:03

Middle Channel / 20MHz+10MHz



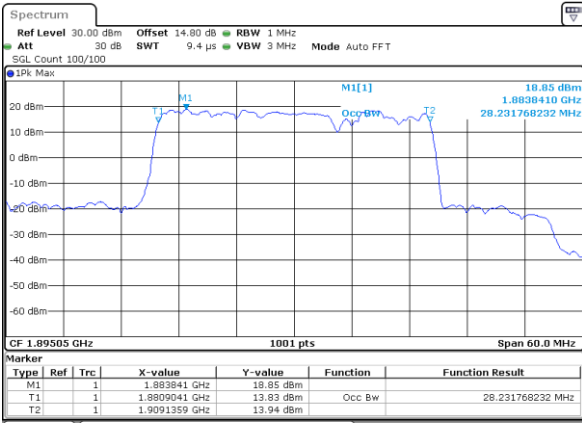
Date: 30\_MAR\_2023 16:15:37

Middle Channel / 20MHz+15MHz



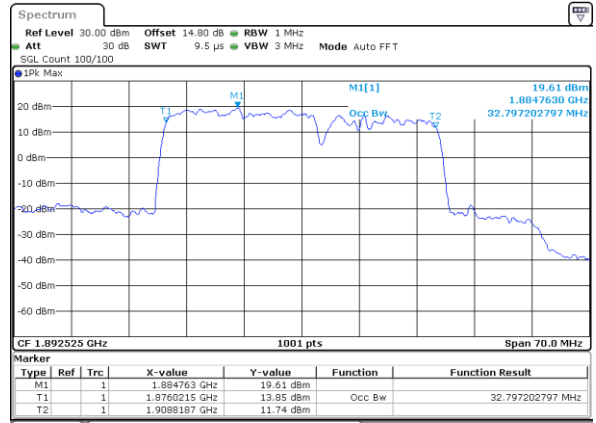
Date: 30\_MAR\_2023 01:28:44

Highest Channel / 20MHz+10MHz



Date: 30\_MAR\_2023 16:17:50

Highest Channel / 20MHz+15MHz



Date: 30\_MAR\_2023 01:30:24

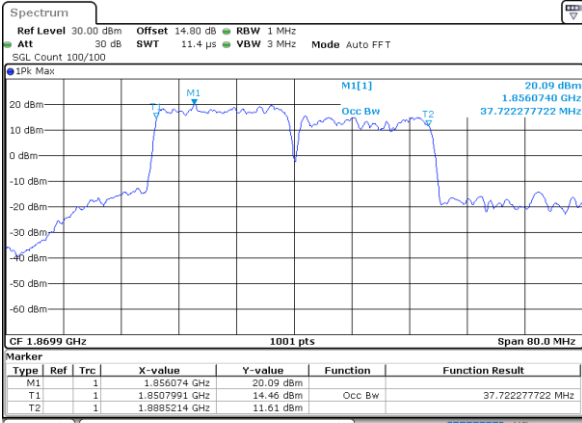




LTE Band 2C

QPSK

Lowest Channel / 20MHz+20MHz

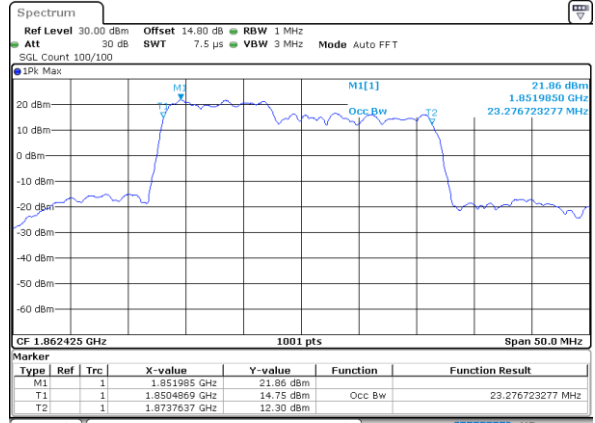


Date: 30.MAR.2023 02:41:08

LTE Band 2C

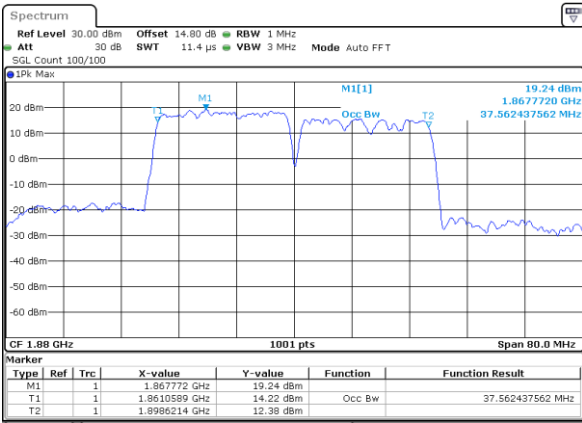
QPSK

Lowest Channel / 10MHz+15MHz



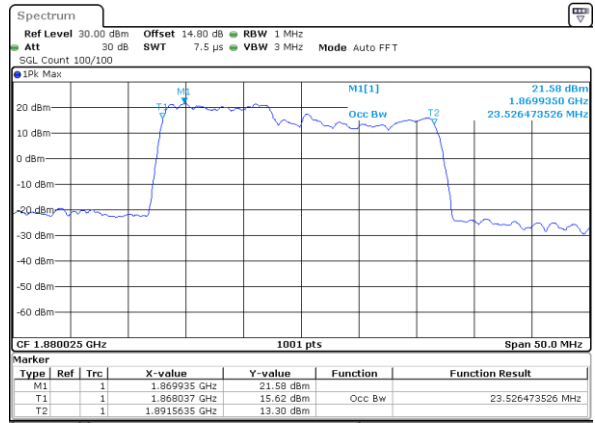
Date: 29.MAR.2023 18:42:41

Middle Channel / 20MHz+20MHz



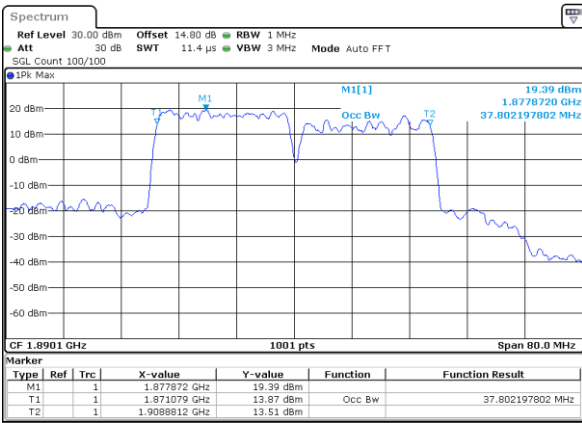
Date: 30.MAR.2023 02:42:48

Middle Channel / 10MHz+15MHz



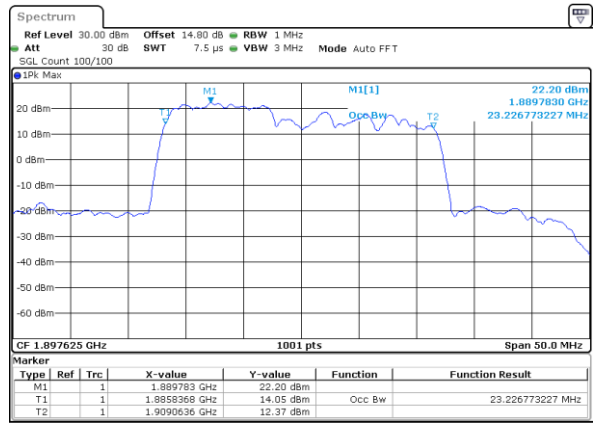
Date: 29.MAR.2023 18:56:22

Highest Channel / 20MHz+20MHz



Date: 30.MAR.2023 02:44:28

Highest Channel / 10MHz+15MHz



Date: 29.MAR.2023 18:58:02