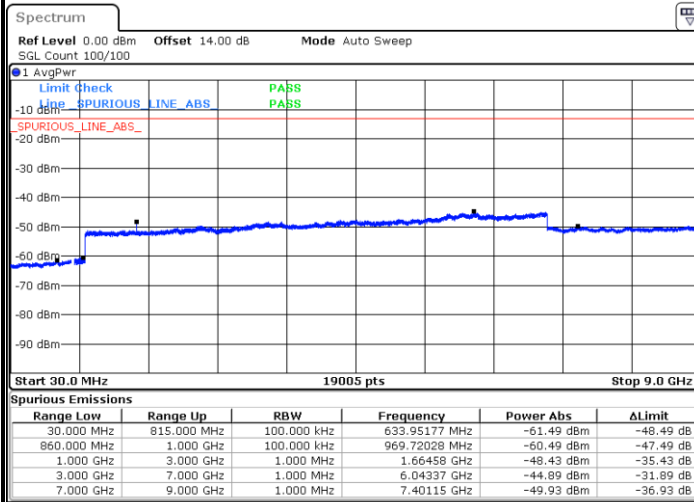




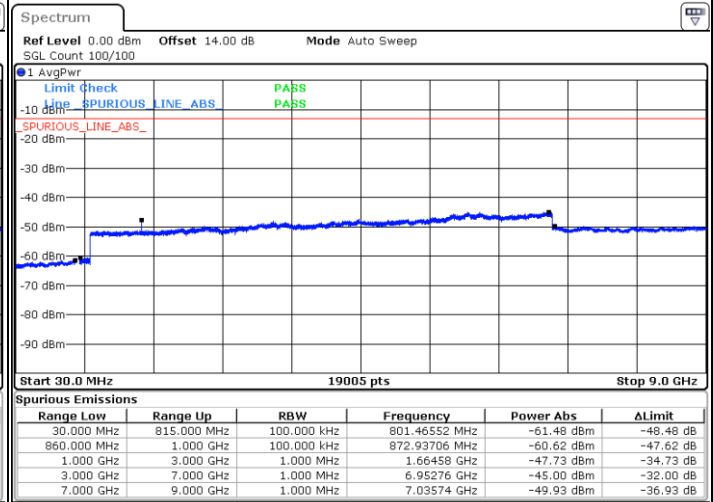
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



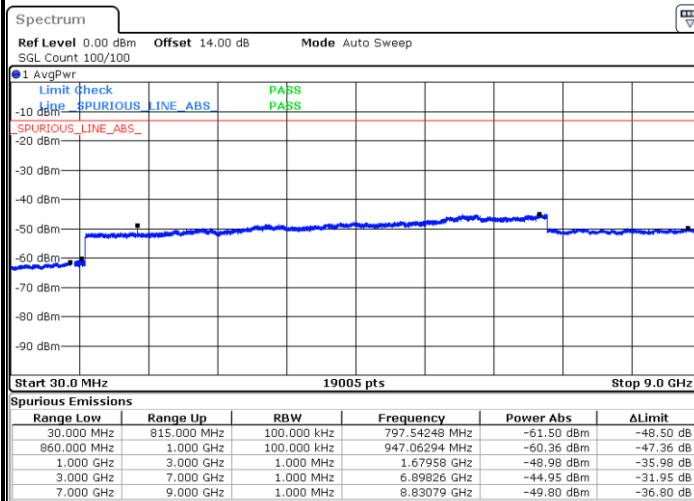
Date: 26.FEB.2022 17:34:21

## Middle Channel / 16QAM



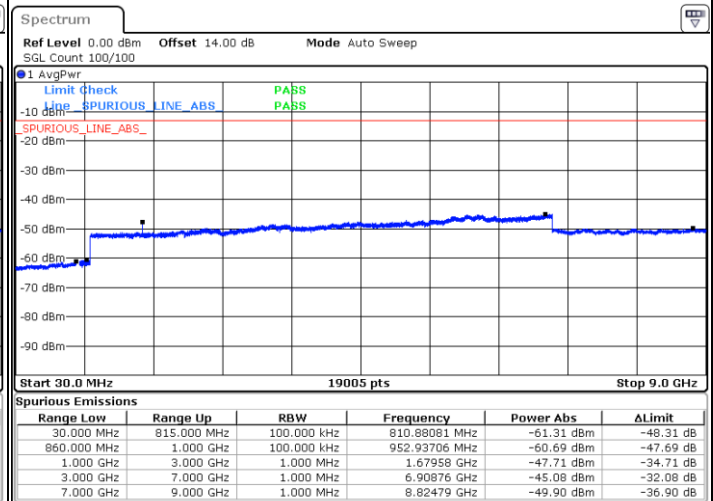
Date: 26.FEB.2022 17:35:44

## Highest Channel / QPSK



Date: 26.FEB.2022 17:45:27

## Highest Channel / 16QAM

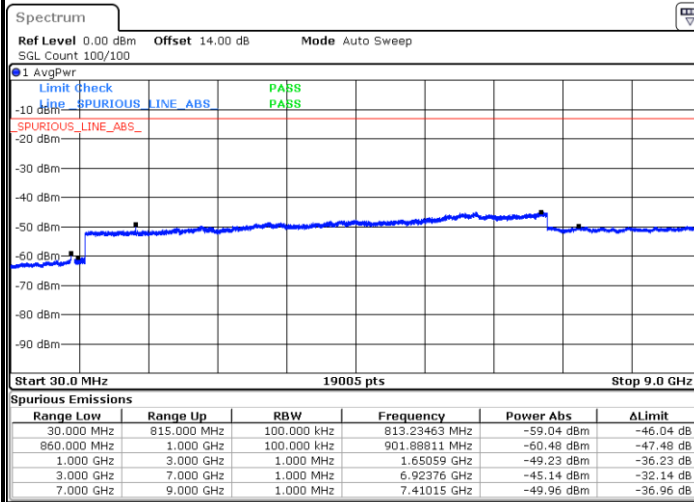


Date: 26.FEB.2022 17:46:49



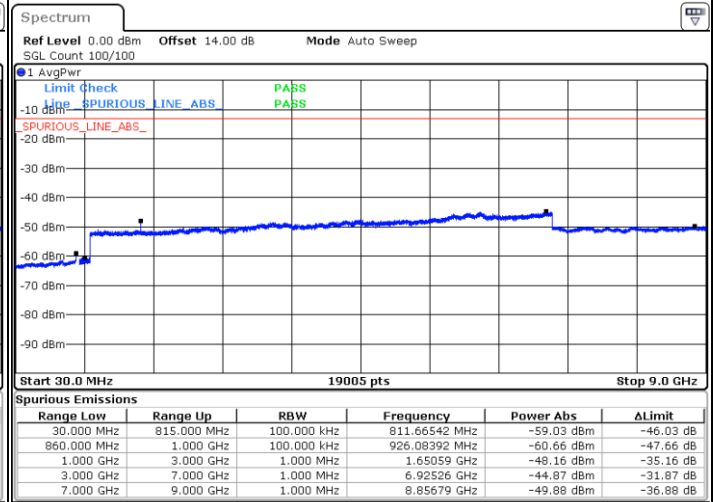
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



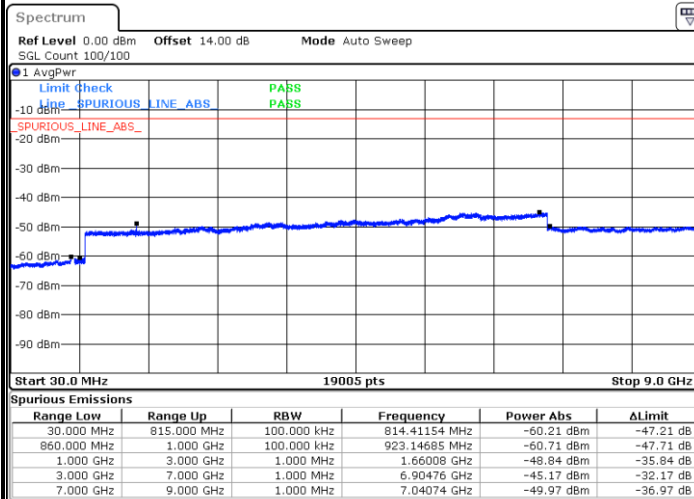
Date: 26.FEB.2022 17:56:14

## Lowest Channel / 16QAM



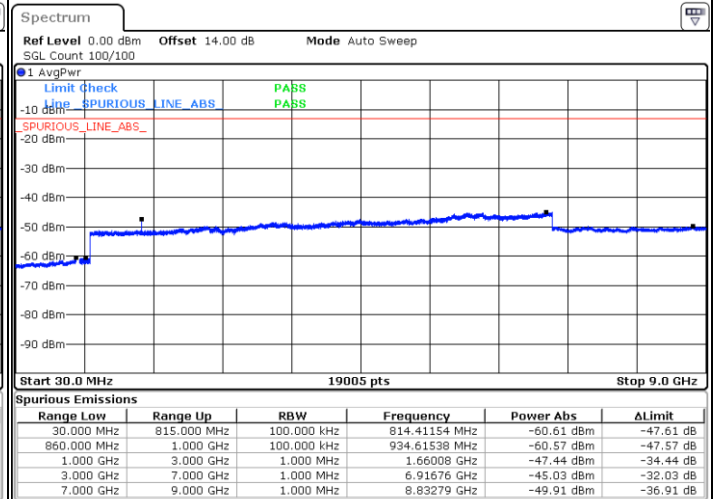
Date: 26.FEB.2022 17:57:36

## Middle Channel / QPSK



Date: 26.FEB.2022 18:00:28

## Middle Channel / 16QAM

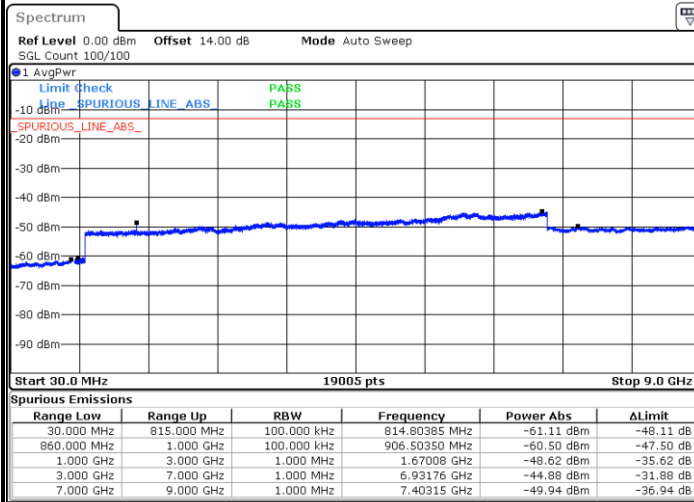


Date: 26.FEB.2022 18:01:51



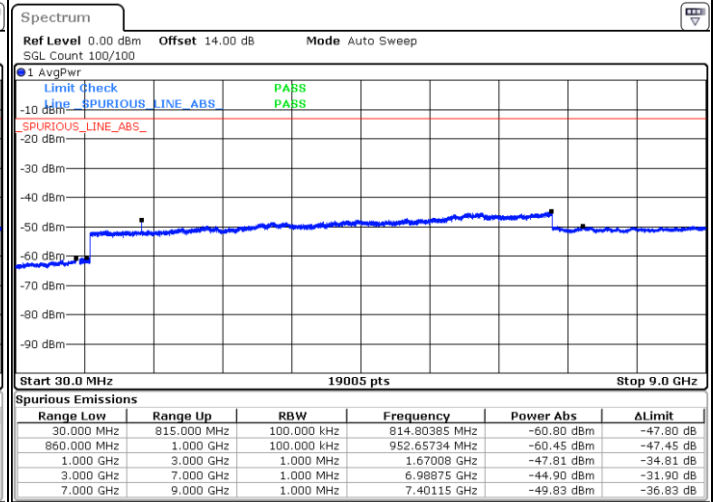
## LTE Band 26 / 15MHz

## Highest Channel / QPSK



Date: 26.FEB.2022 18:49:41

## Highest Channel / 16QAM

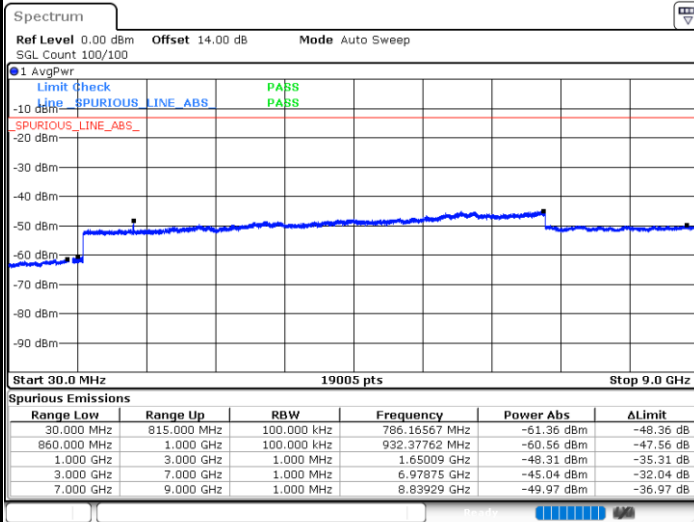


Date: 26.FEB.2022 18:51:03



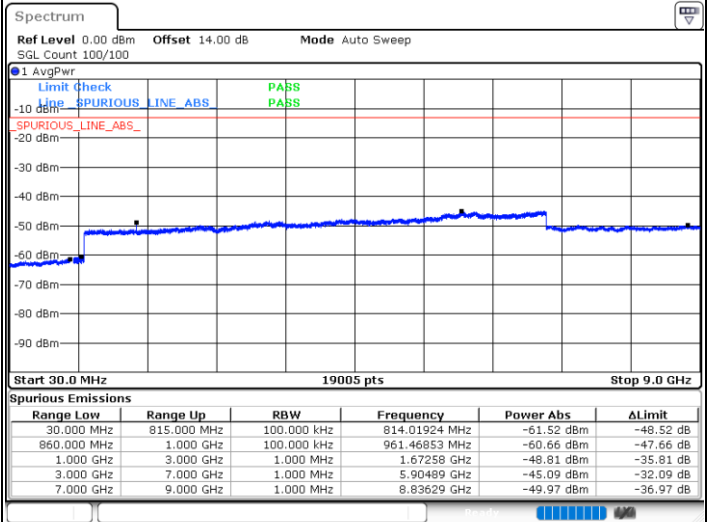
## LTE Band 26 / 1.4MHz

## Lowest Channel / 64QAM



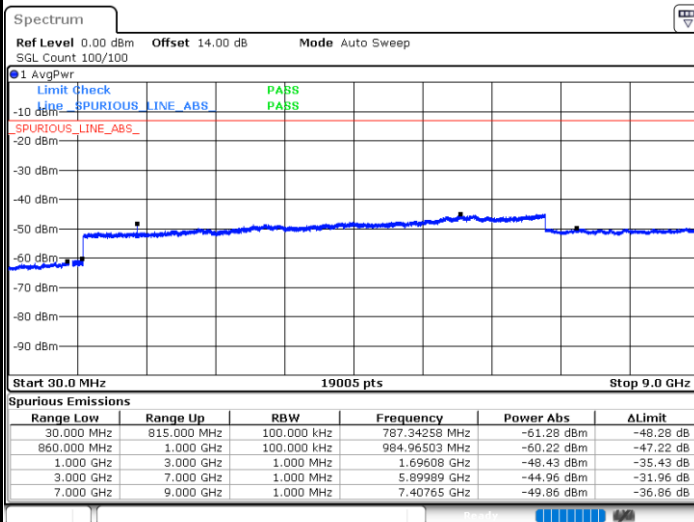
Date: 26.FEB.2022 15:30:15

## Middle Channel / 64QAM



Date: 26.FEB.2022 15:32:17

## Highest Channel / 64QAM

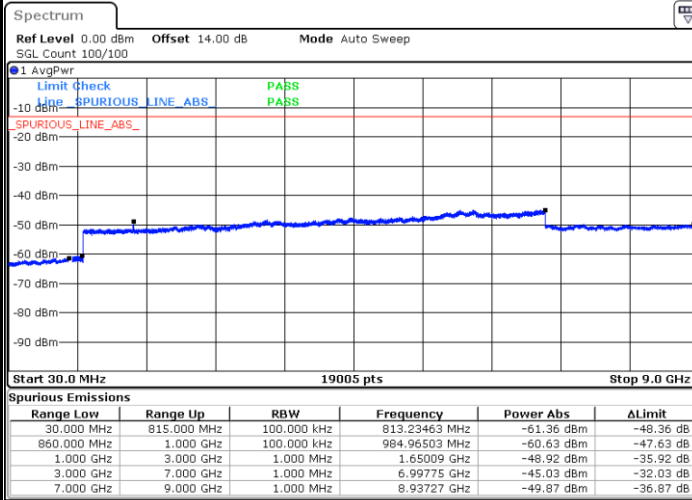


Date: 26.FEB.2022 15:37:45



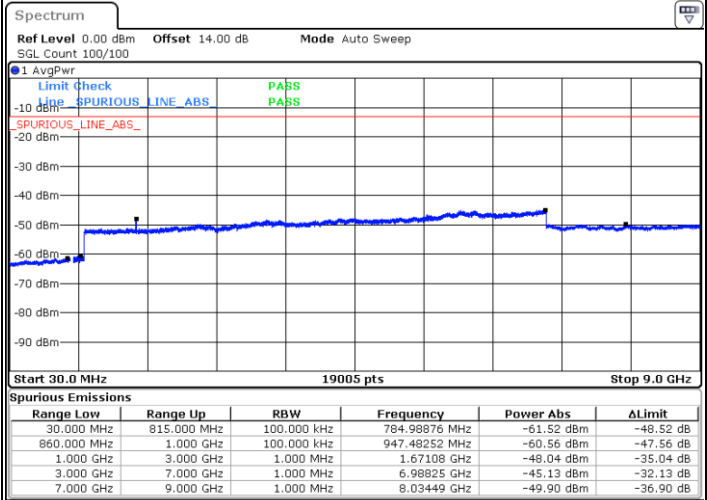
## LTE Band 26 / 3MHz

## Lowest Channel / 64QAM



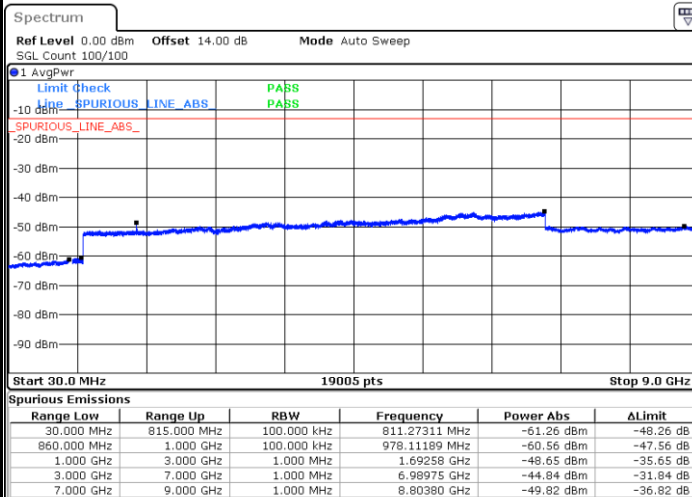
Date: 26.FEB.2022 15:42:56

## Middle Channel / 64QAM



Date: 26.FEB.2022 15:44:58

## Highest Channel / 64QAM

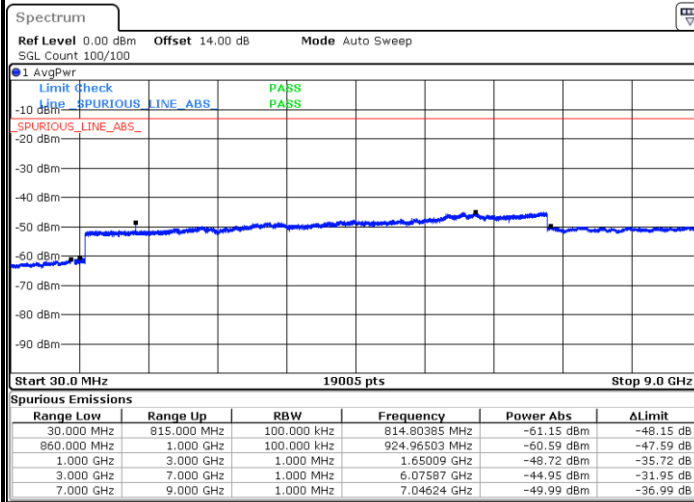


Date: 26.FEB.2022 15:50:26



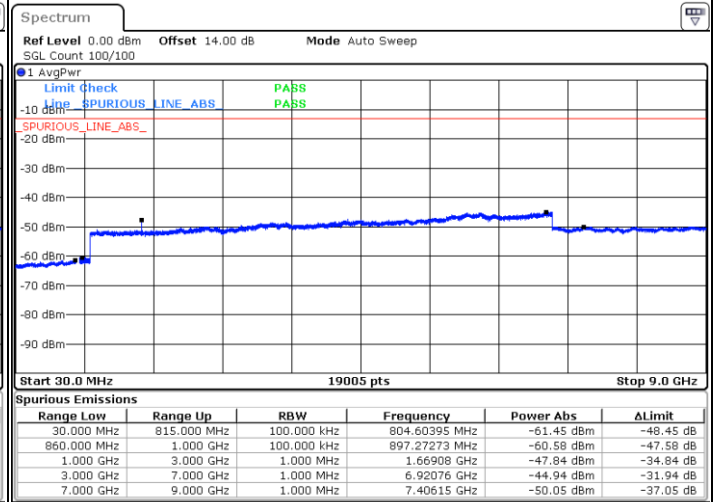
## LTE Band 26 / 5MHz

## Lowest Channel / 64QAM



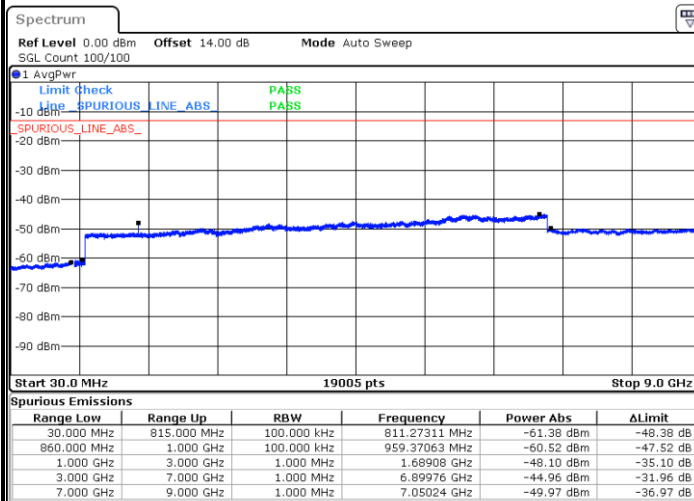
Date: 26.FEB.2022 15:55:35

## Middle Channel / 64QAM



Date: 26.FEB.2022 15:57:38

## Highest Channel / 64QAM

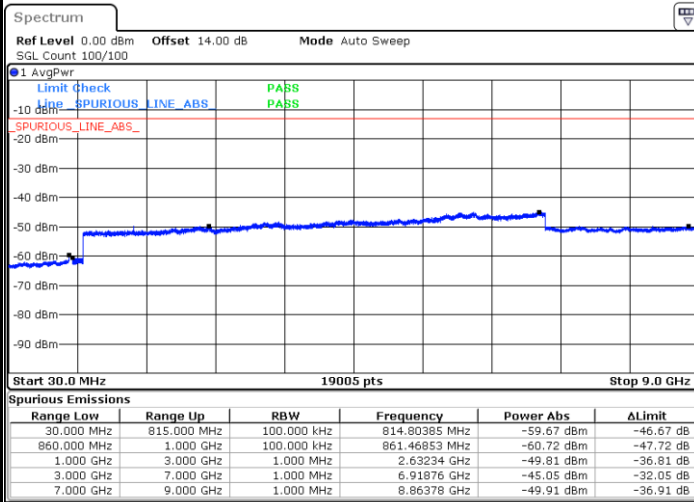


Date: 26.FEB.2022 16:03:07



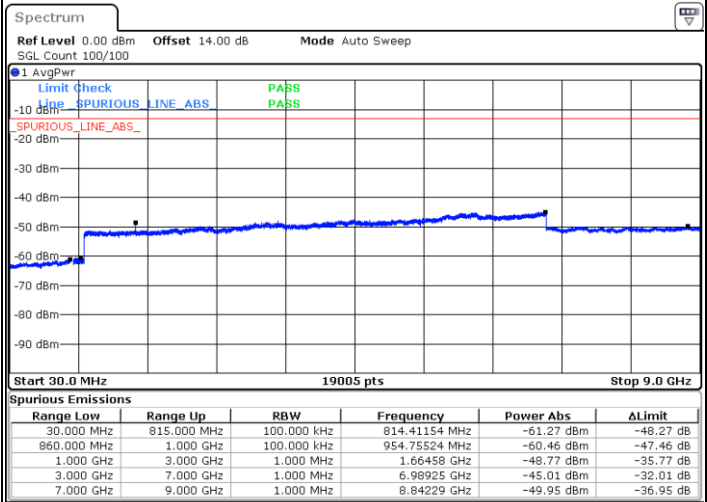
## LTE Band 26 / 10MHz

## Lowest Channel / 64QAM



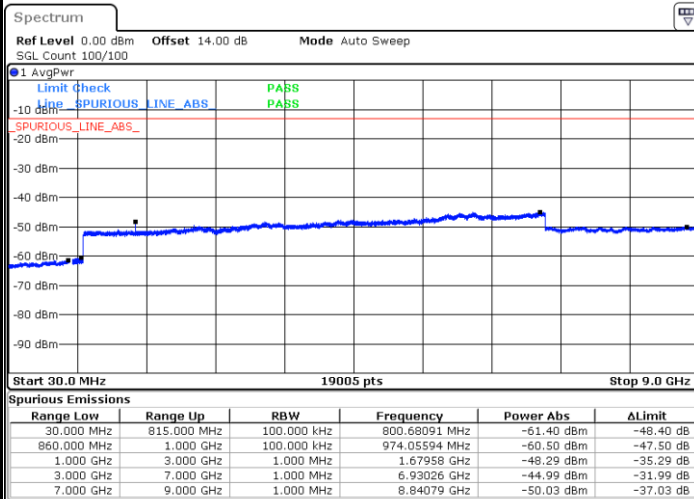
Date: 26.FEB.2022 16:08:17

## Middle Channel / 64QAM



Date: 26.FEB.2022 16:10:20

## Highest Channel / 64QAM

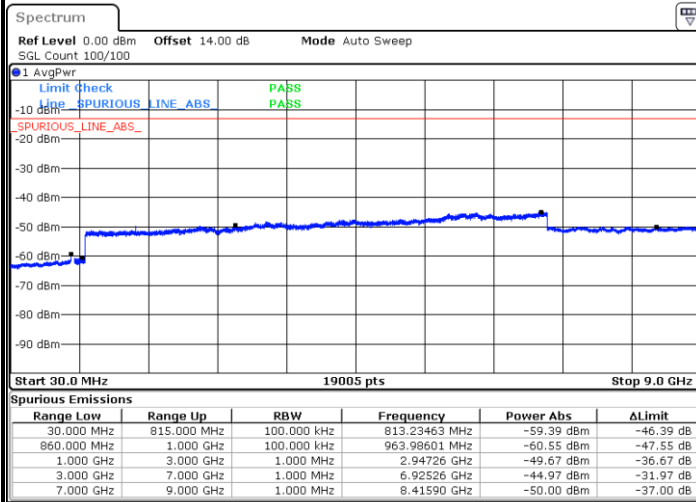


Date: 26.FEB.2022 16:15:47



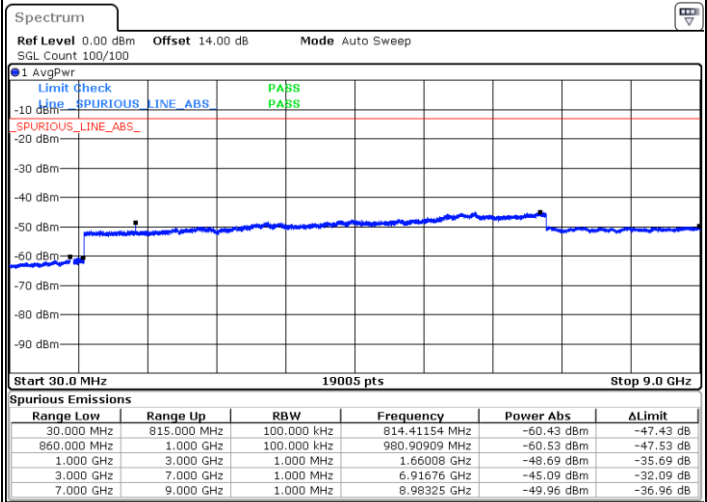
## LTE Band 26 / 15MHz

## Lowest Channel / 64QAM



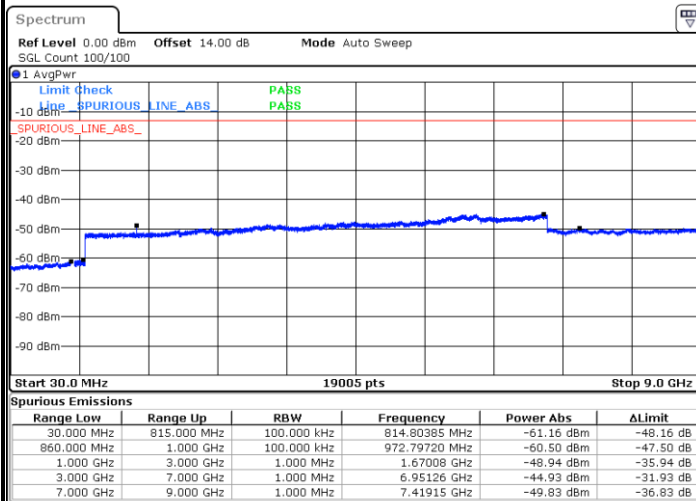
Date: 26.FEB.2022 16:20:58

## Middle Channel / 64QAM



Date: 26.FEB.2022 16:23:01

## Highest Channel / 64QAM

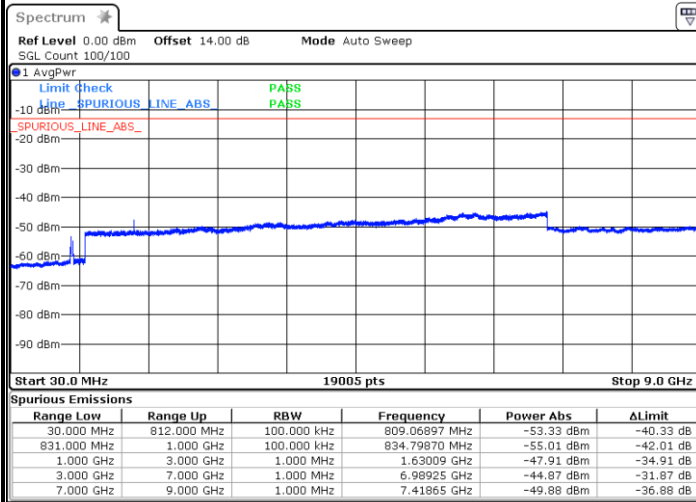


Date: 26.FEB.2022 16:28:30



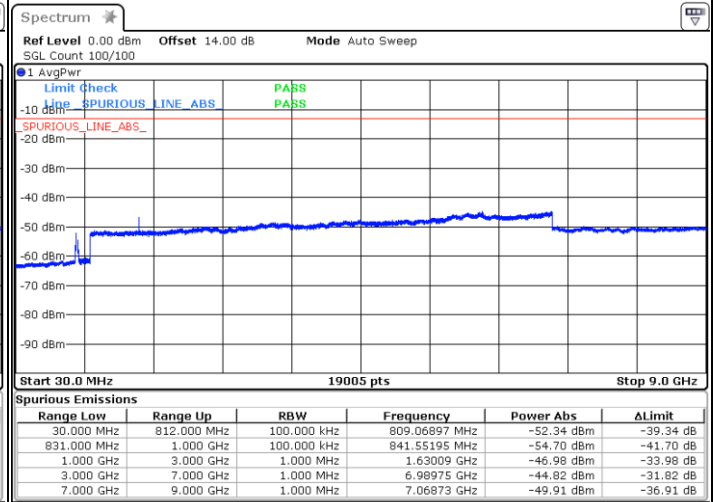
## LTE Band 26 / 15MHz

## CH26765 / QPSK



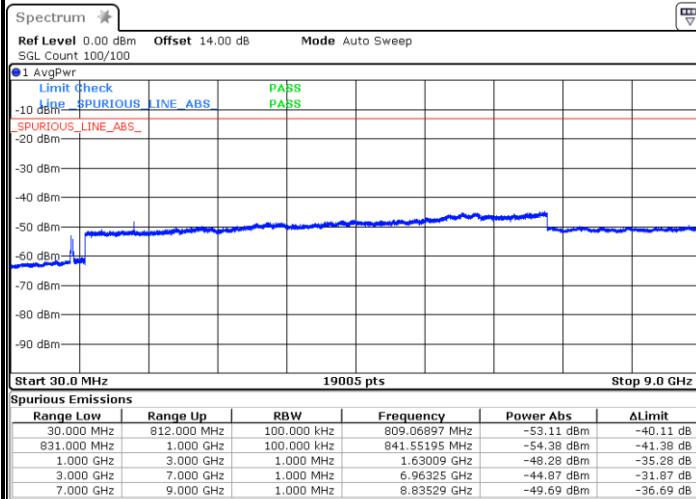
Date: 26.FEB.2022 11:21:03

## CH26765 / 16QAM



Date: 26.FEB.2022 11:19:25

## CH26765 / 64QAM



Date: 26.FEB.2022 11:18:27

**Frequency Stability**

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit  |
|------------------|-------------------|-------------------------------------|--------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | 2.5ppm |
|                  |                   | Deviation (ppm)                     | Result |
| 50               | Normal Voltage    | 0.0010                              | PASS   |
| 40               | Normal Voltage    | 0.0004                              |        |
| 30               | Normal Voltage    | 0.0006                              |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |        |
| 10               | Normal Voltage    | 0.0008                              |        |
| 0                | Normal Voltage    | 0.0001                              |        |
| -10              | Normal Voltage    | 0.0012                              |        |
| -20              | Normal Voltage    | 0.0008                              |        |
| -30              | Normal Voltage    | 0.0013                              |        |
| 20               | Maximum Voltage   | 0.0007                              |        |
| 20               | Normal Voltage    | 0.0000                              |        |
| 20               | Battery End Point | 0.0002                              |        |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.



## LTE Band 66

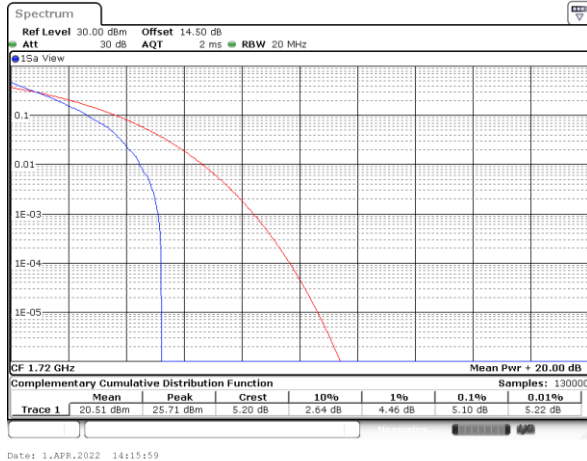
## Peak-to-Average Ratio

| Mode       | LTE Band 66 / 20MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 5.10                | 5.36    | 6.20  | 6.23    | PASS        |
| Middle CH  | 5.51                | 5.30    | 6.46  | 6.29    |             |
| Highest CH | 5.62                | 5.42    | 6.72  | 6.23    |             |
| Mode       | LTE Band 66 / 20MHz |         |       |         |             |
| Mod.       | 64QAM               |         |       |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB |       |         | Result      |
| Lowest CH  | 6.67                | 6.41    | -     | -       | PASS        |
| Middle CH  | 6.84                | 6.32    | -     | -       |             |
| Highest CH | 6.90                | 6.38    | -     | -       |             |

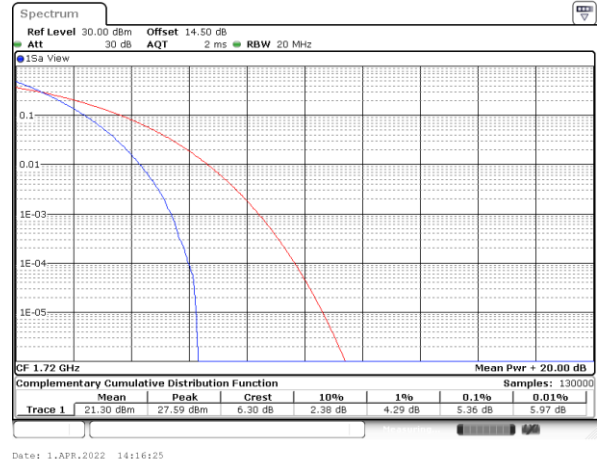


## LTE Band 66 / 20MHz / QPSK

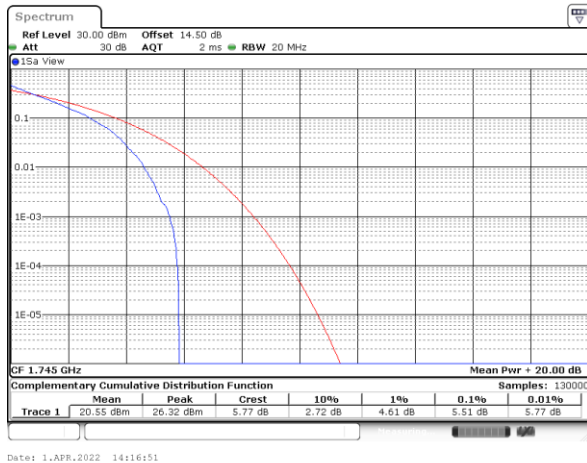
## Lowest Channel / 1RB



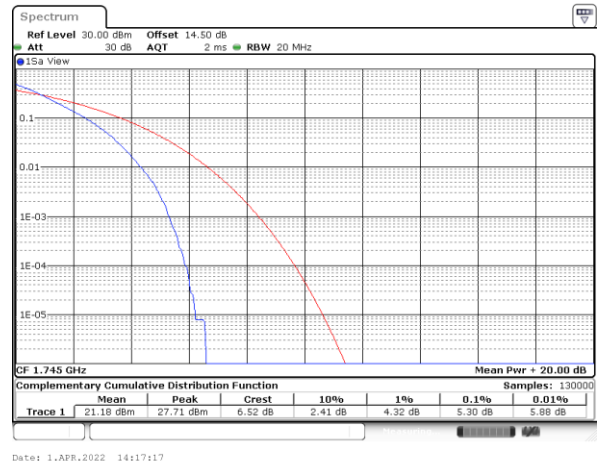
## Lowest Channel / Full RB



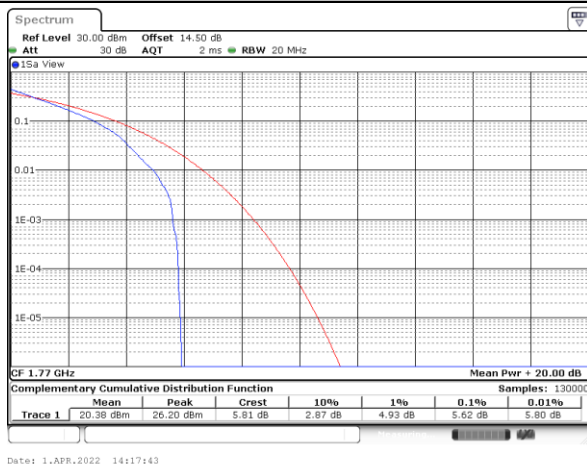
## Middle Channel / 1RB



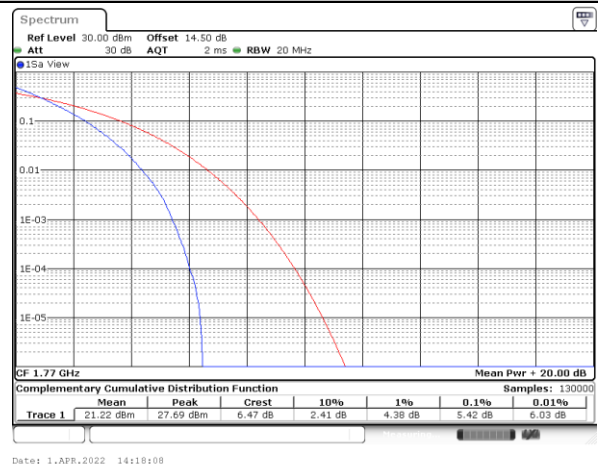
## Middle Channel / Full RB



## Highest Channel / 1RB



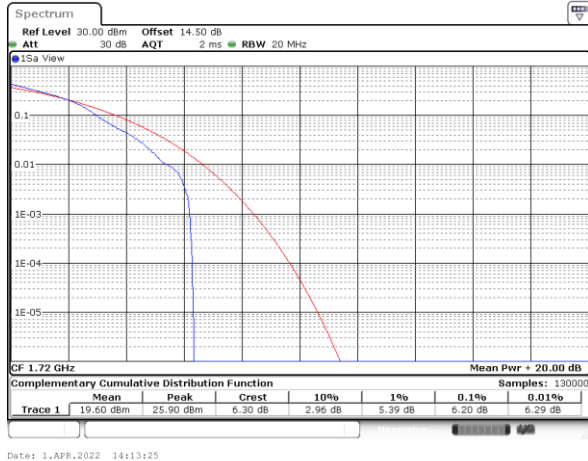
## Highest Channel / Full RB



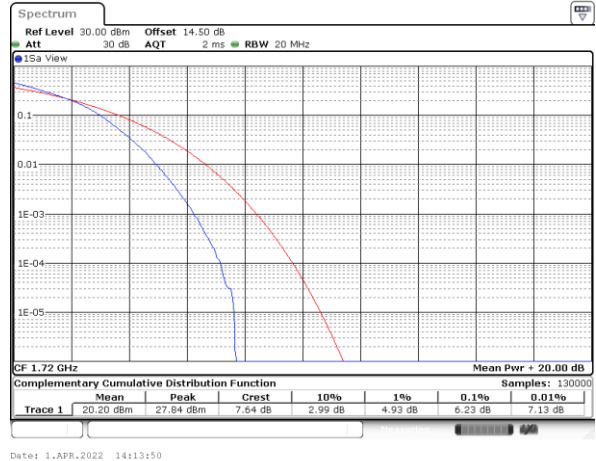


## LTE Band 66 / 20MHz / 16QAM

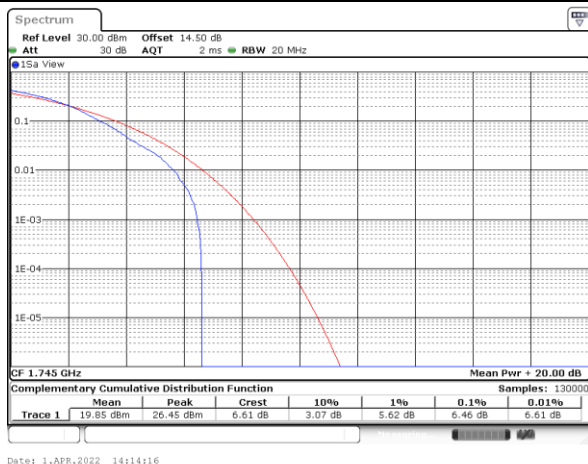
## Lowest Channel / 1RB



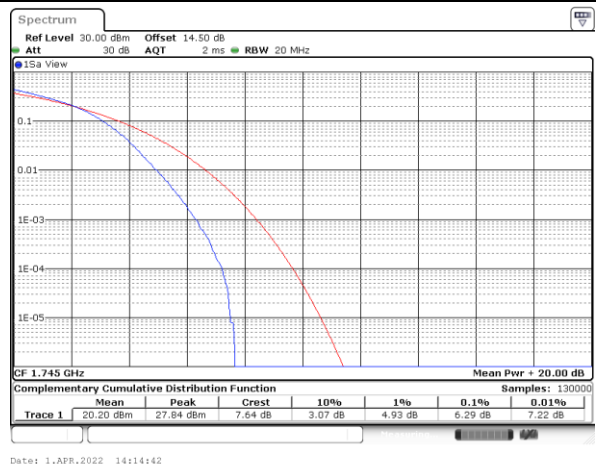
## Lowest Channel / Full RB



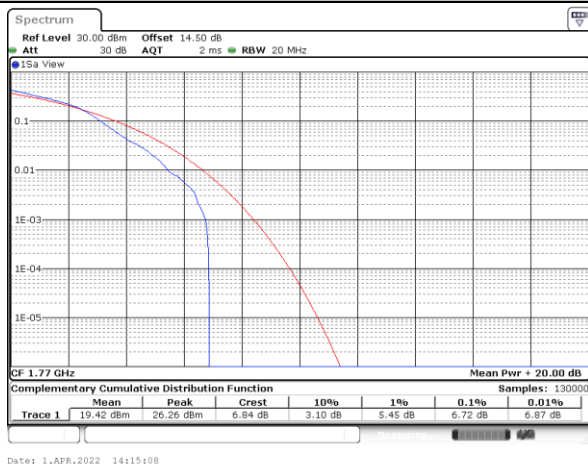
## Middle Channel / 1RB



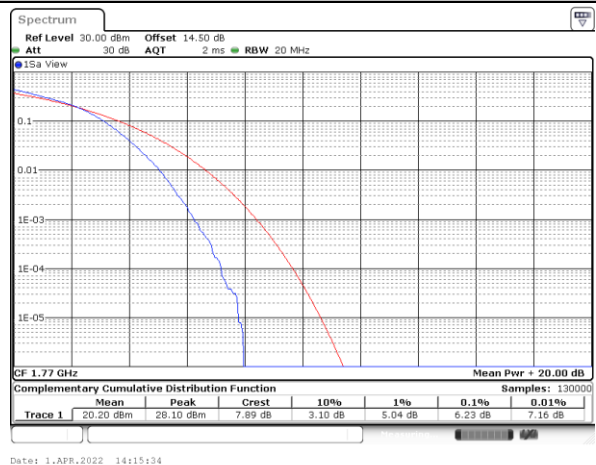
## Middle Channel / Full RB



## Highest Channel / 1RB



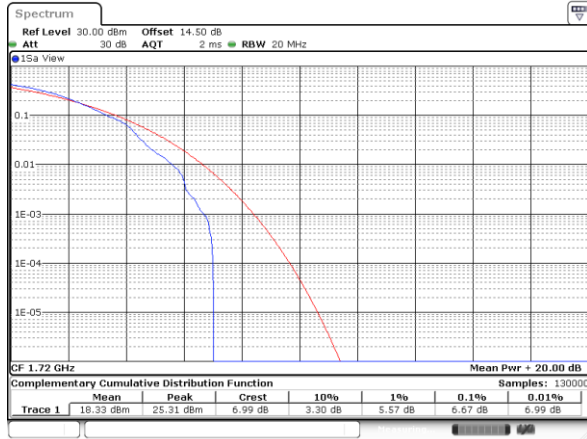
## Highest Channel / Full RB



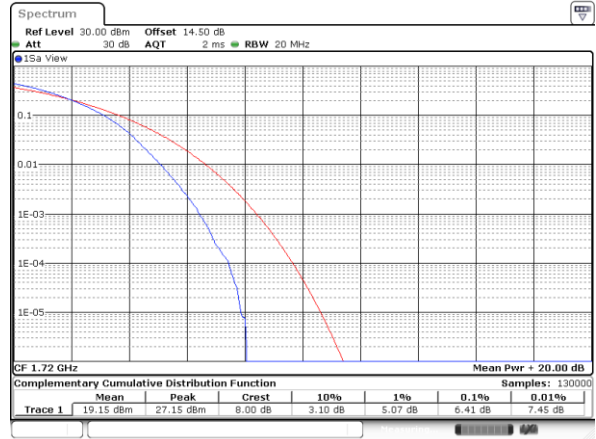


## LTE Band 66 / 20MHz / 64QAM

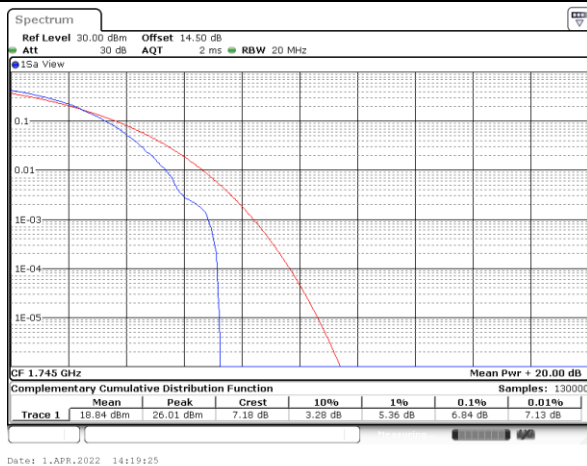
## Lowest Channel / 1RB



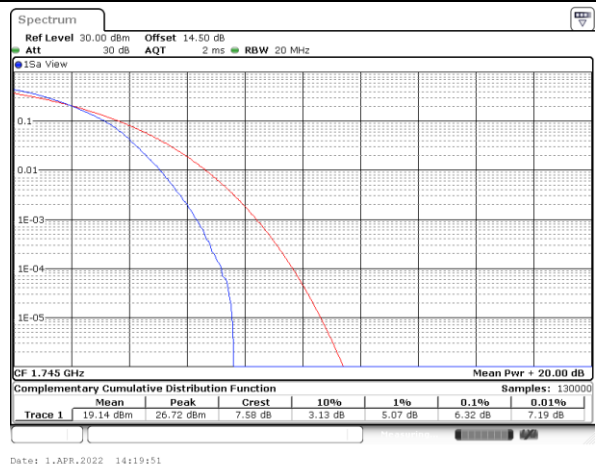
## Lowest Channel / Full RB



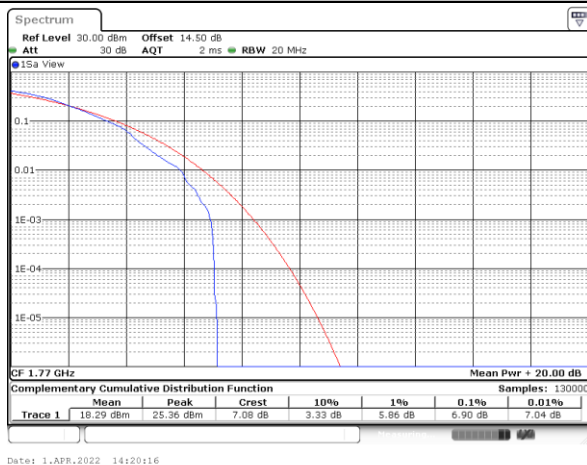
## Middle Channel / 1RB



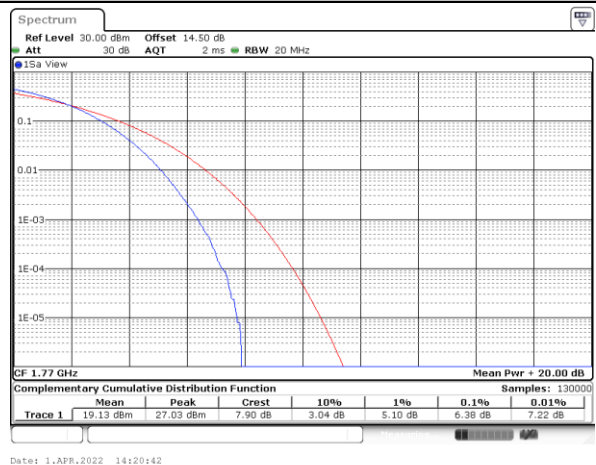
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



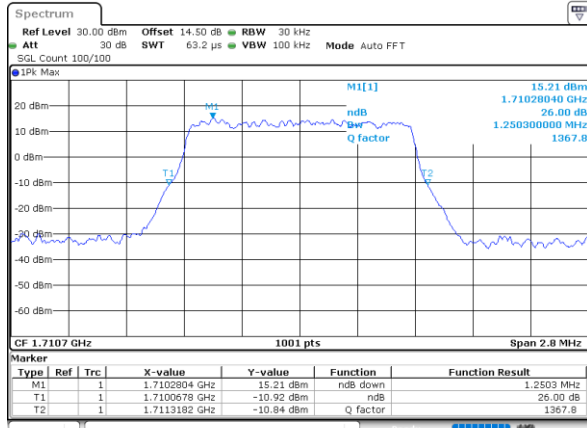
**26dB Bandwidth**

| Mode       | LTE Band 66 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
|------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                       | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.25                       | 1.26  | 2.98  | 2.97  | 4.87  | 4.91  | 9.83  | 9.71  | 14.33 | 14.27 | 18.94 | 19.06 |
| Middle CH  | 1.30                       | 1.25  | 2.94  | 3.00  | 4.84  | 4.89  | 9.89  | 9.79  | 14.39 | 14.57 | 18.90 | 18.70 |
| Highest CH | 1.26                       | 1.31  | 2.95  | 2.99  | 4.93  | 4.84  | 9.67  | 9.71  | 14.27 | 14.21 | 18.74 | 18.94 |
| Mode       | LTE Band 66 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                      |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | 1.30                       | -     | 2.96  | -     | 4.71  | -     | 9.91  | -     | 14.27 | -     | 18.90 | -     |
| Middle CH  | 1.30                       | -     | 3.00  | -     | 4.84  | -     | 9.77  | -     | 14.36 | -     | 19.10 | -     |
| Highest CH | 1.26                       | -     | 2.96  | -     | 4.86  | -     | 9.75  | -     | 14.51 | -     | 19.14 | -     |



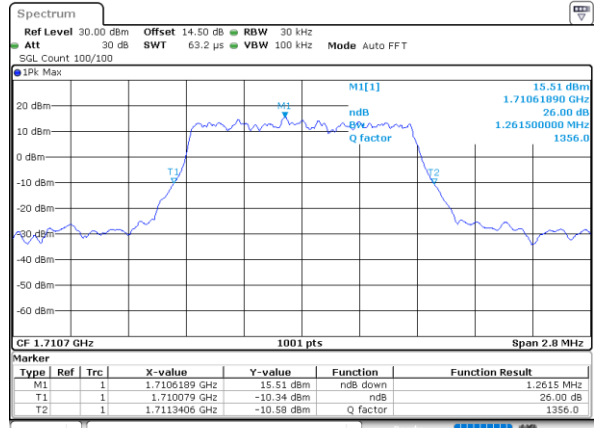
## LTE Band 66

## Lowest Channel / 1.4MHz / QPSK



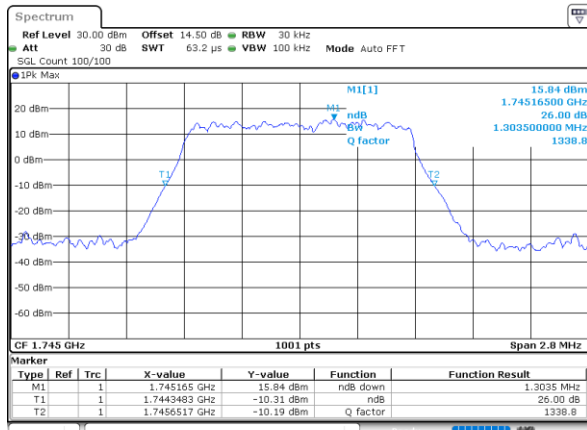
Date: 1.APR.2022 10:50:41

## Lowest Channel / 1.4MHz / 16QAM



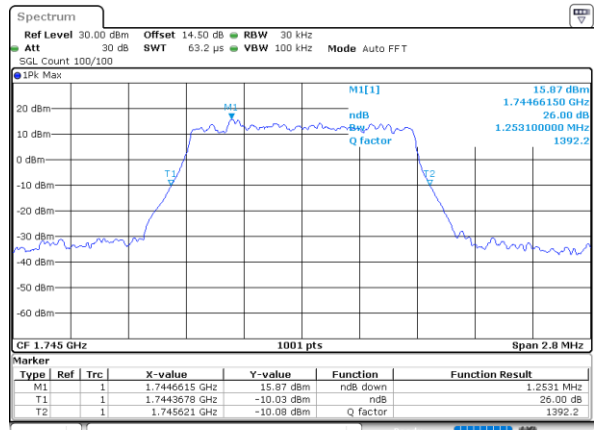
Date: 1.APR.2022 10:51:05

## Middle Channel / 1.4MHz / QPSK



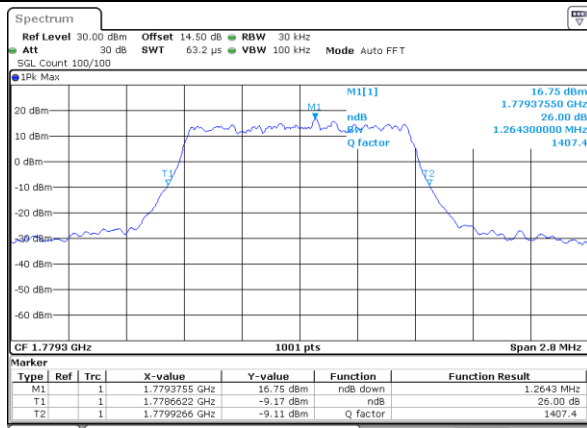
Date: 1.APR.2022 11:00:09

## Middle Channel / 1.4MHz / 16QAM



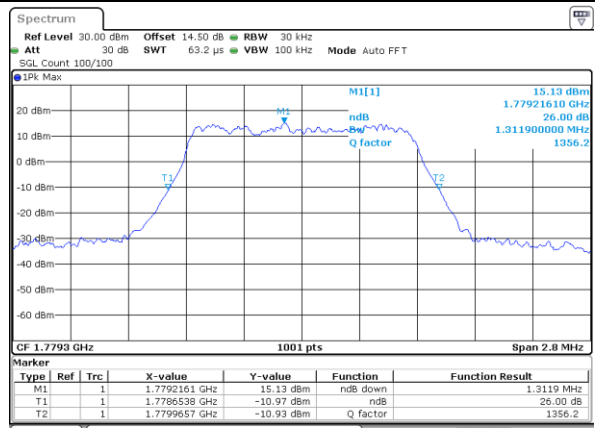
Date: 1.APR.2022 11:00:33

## Highest Channel / 1.4MHz / QPSK



Date: 1.APR.2022 11:04:21

## Highest Channel / 1.4MHz / 16QAM

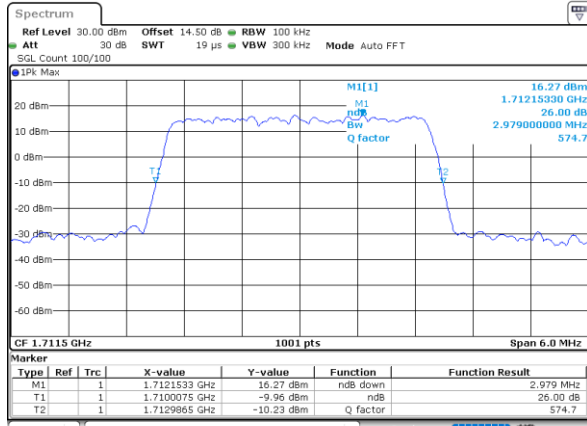


Date: 1.APR.2022 11:04:45



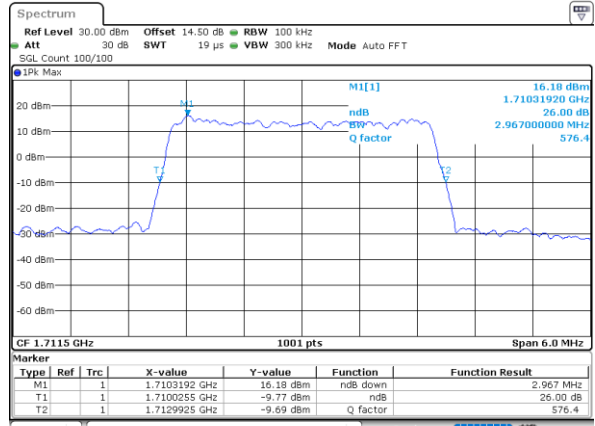
## LTE Band 66

## Lowest Channel / 3MHz / QPSK



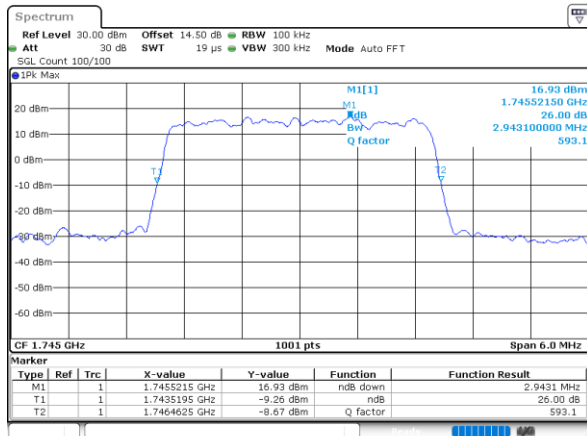
Date: 1.APR.2022 11:24:41

## Lowest Channel / 3MHz / 16QAM



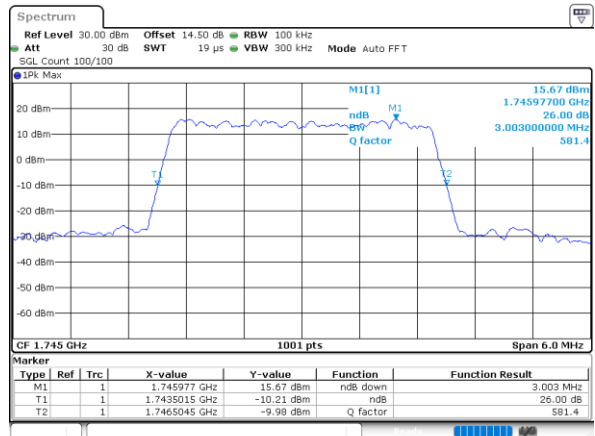
Date: 1.APR.2022 11:25:06

## Middle Channel / 3MHz / QPSK



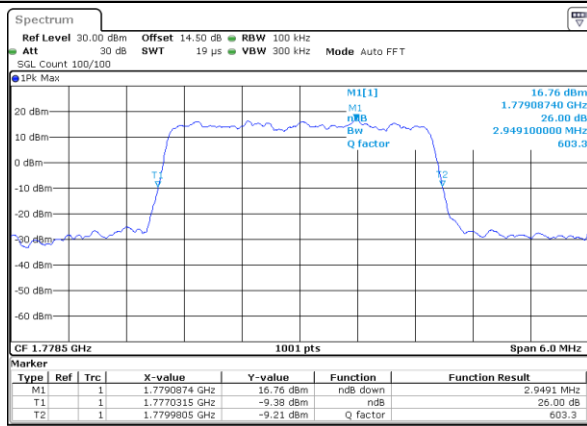
Date: 1.APR.2022 11:34:04

## Middle Channel / 3MHz / 16QAM



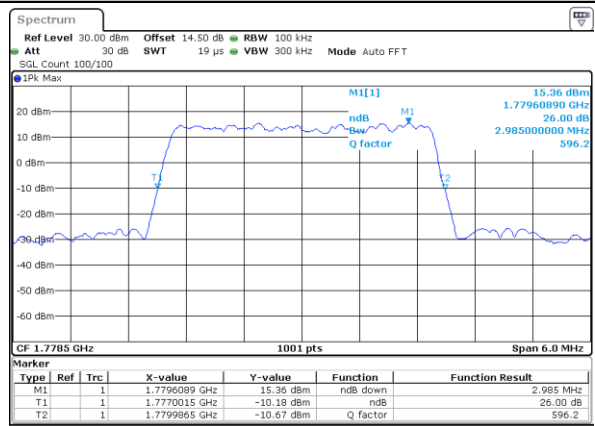
Date: 1.APR.2022 11:34:28

## Highest Channel / 3MHz / QPSK



Date: 1.APR.2022 11:38:15

## Highest Channel / 3MHz / 16QAM

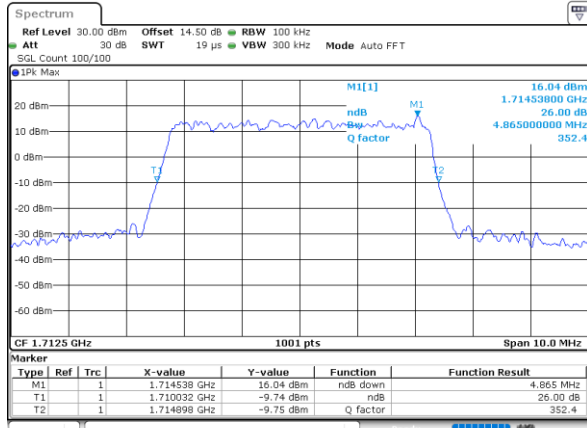


Date: 1.APR.2022 11:38:39

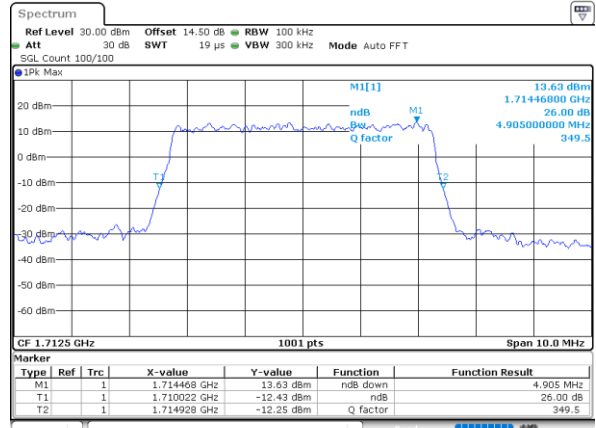


## LTE Band 66

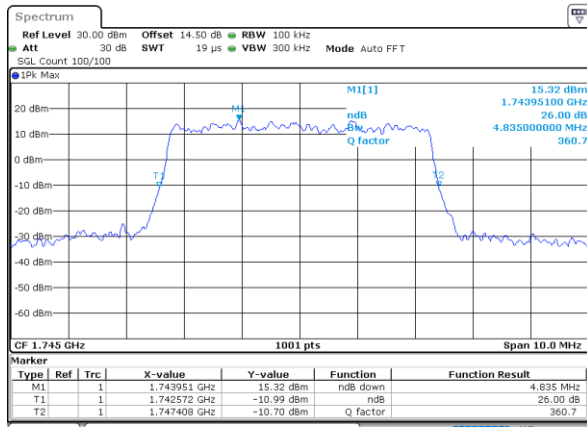
## Lowest Channel / 5MHz / QPSK



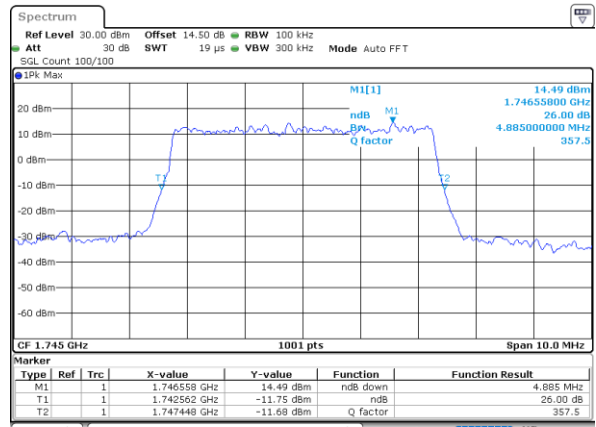
## Lowest Channel / 5MHz / 16QAM



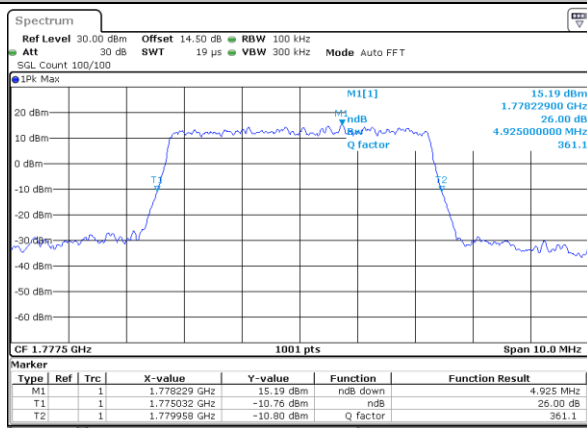
## Middle Channel / 5MHz / QPSK



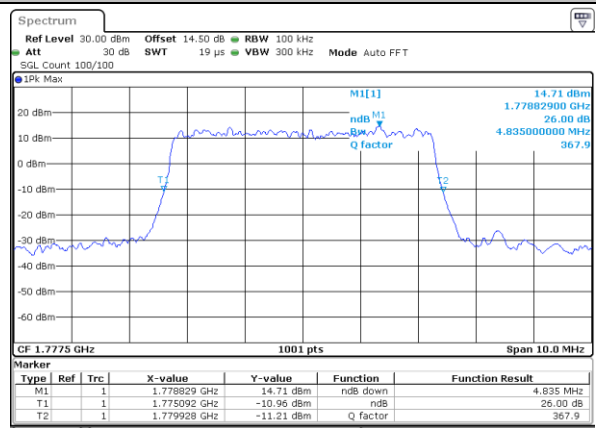
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



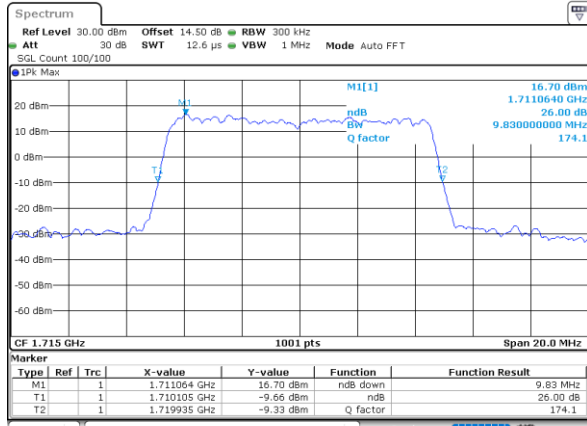
## Highest Channel / 5MHz / 16QAM





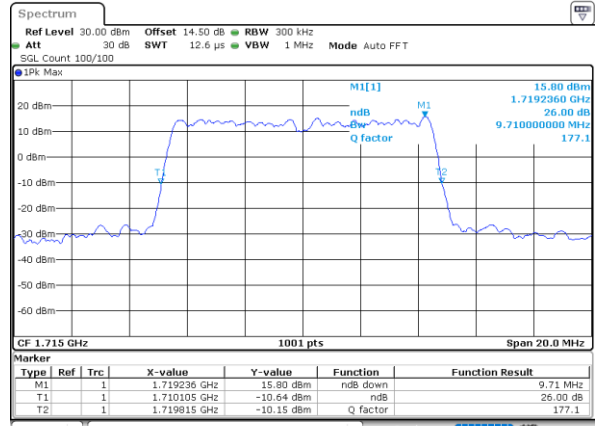
## LTE Band 66

## Lowest Channel / 10MHz / QPSK



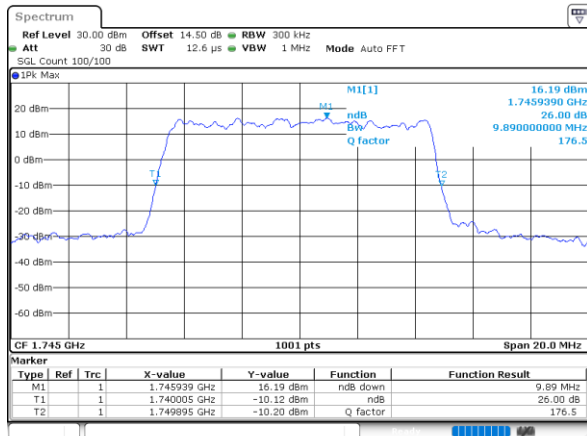
Date: 1.APR.2022 12:32:29

## Lowest Channel / 10MHz / 16QAM



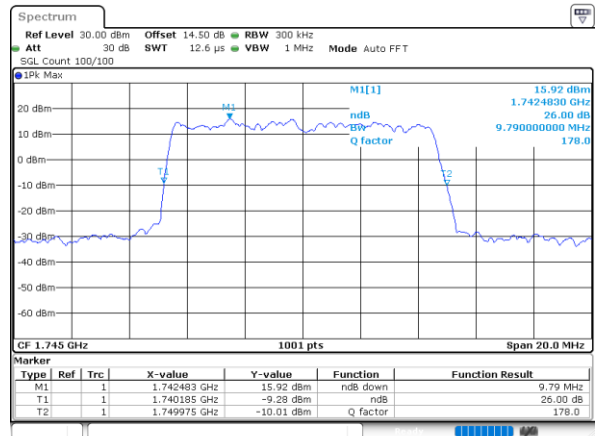
Date: 1.APR.2022 12:32:53

## Middle Channel / 10MHz / QPSK



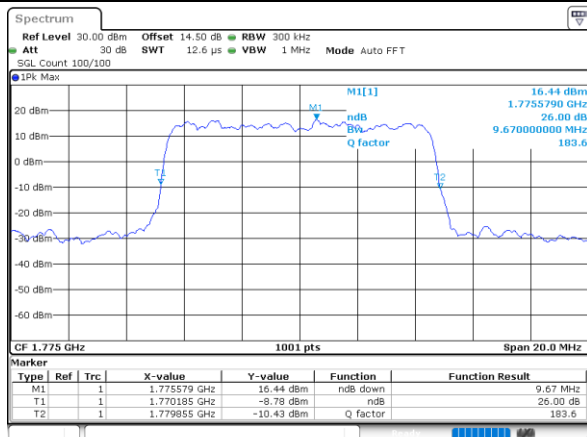
Date: 1.APR.2022 12:41:50

## Middle Channel / 10MHz / 16QAM



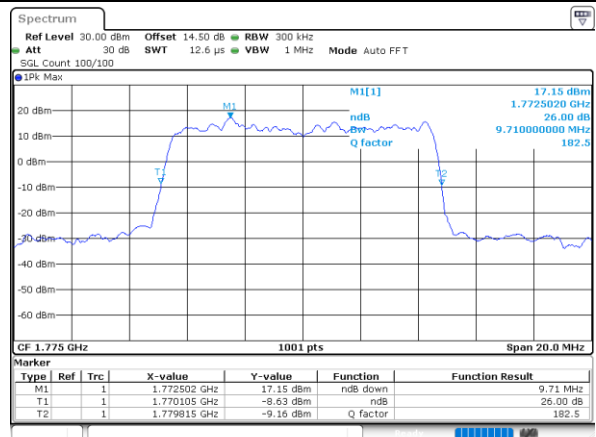
Date: 1.APR.2022 12:42:14

## Highest Channel / 10MHz / QPSK



Date: 1.APR.2022 12:46:02

## Highest Channel / 10MHz / 16QAM

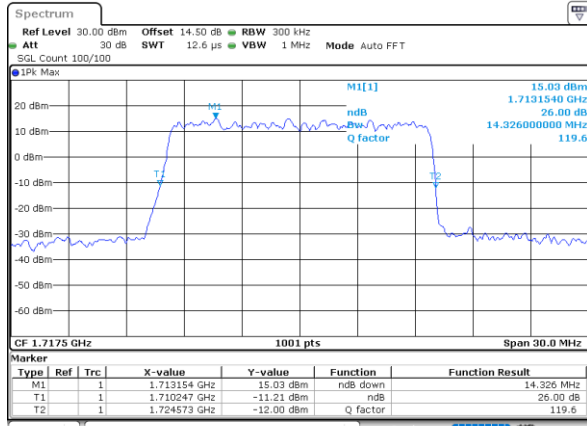


Date: 1.APR.2022 12:46:26

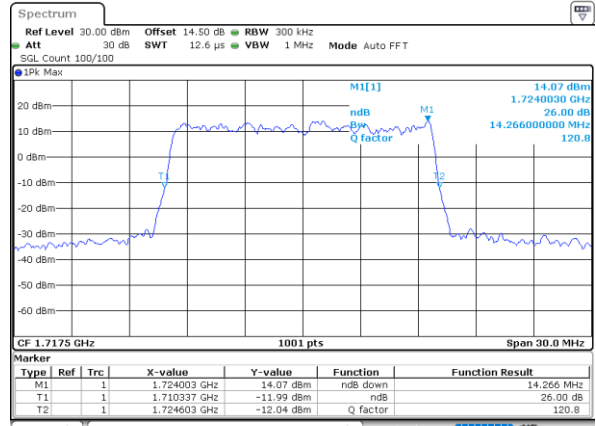


## LTE Band 66

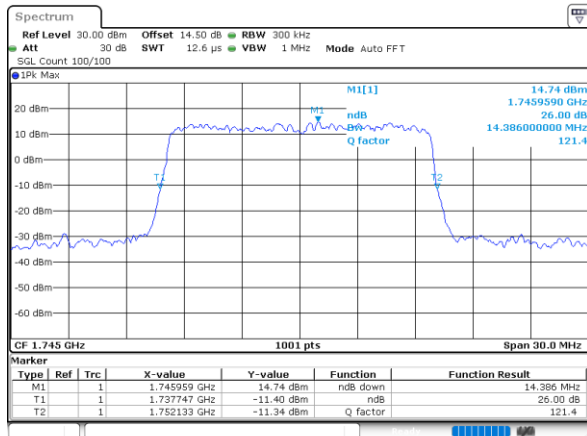
## Lowest Channel / 15MHz / QPSK



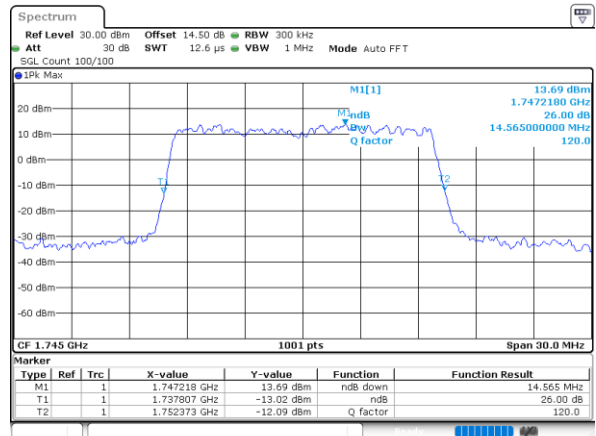
## Lowest Channel / 15MHz / 16QAM



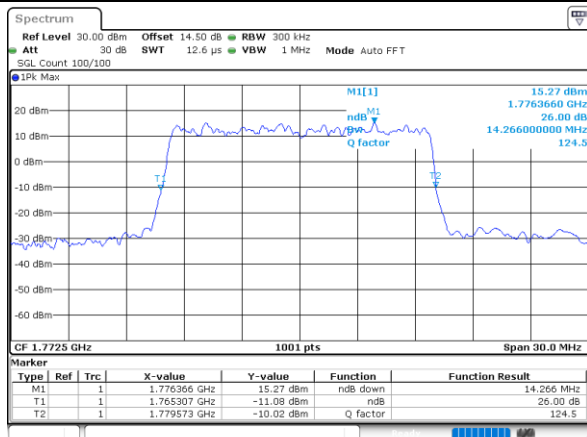
## Middle Channel / 15MHz / QPSK



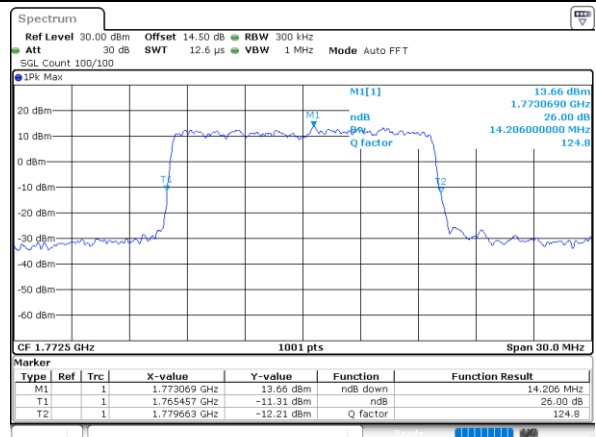
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



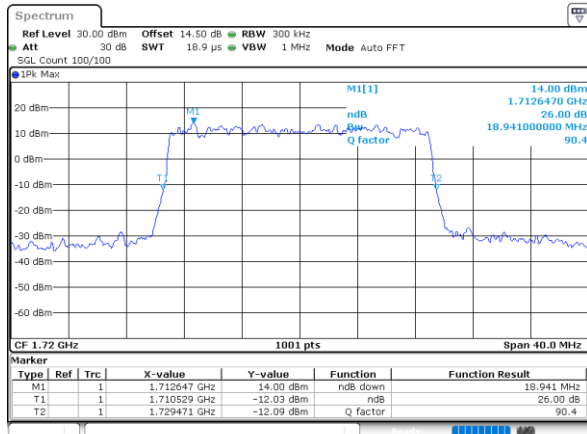
## Highest Channel / 15MHz / 16QAM



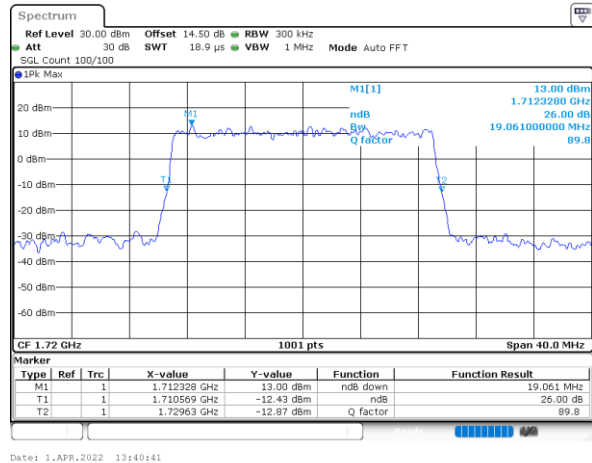


## LTE Band 66

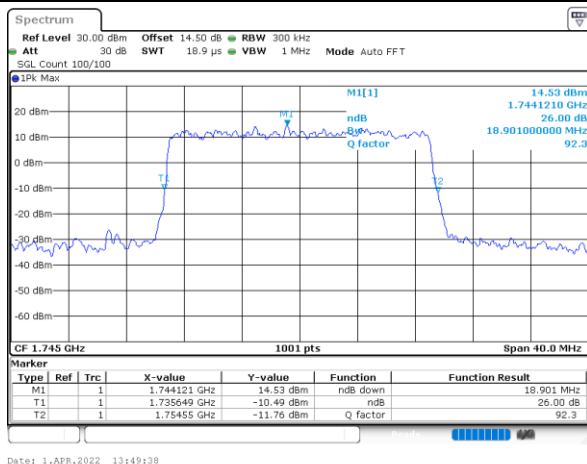
## Lowest Channel / 20MHz / QPSK



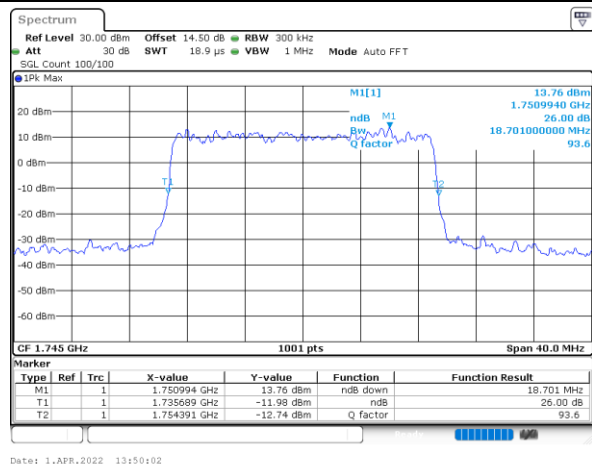
## Lowest Channel / 20MHz / 16QAM



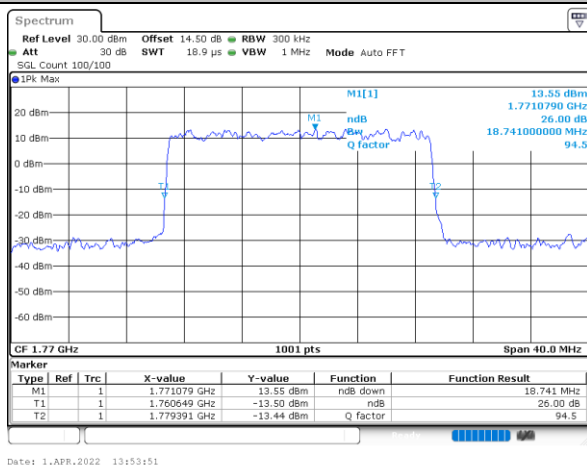
## Middle Channel / 20MHz / QPSK



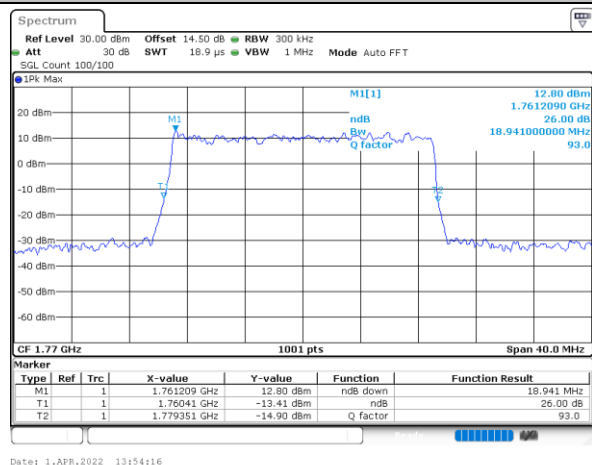
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



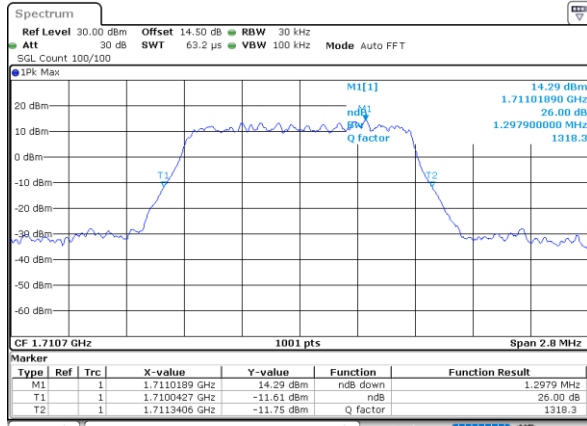
## Highest Channel / 20MHz / 16QAM



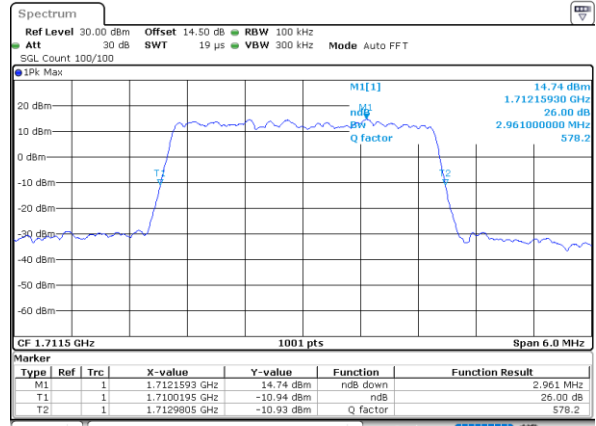


## LTE Band 66

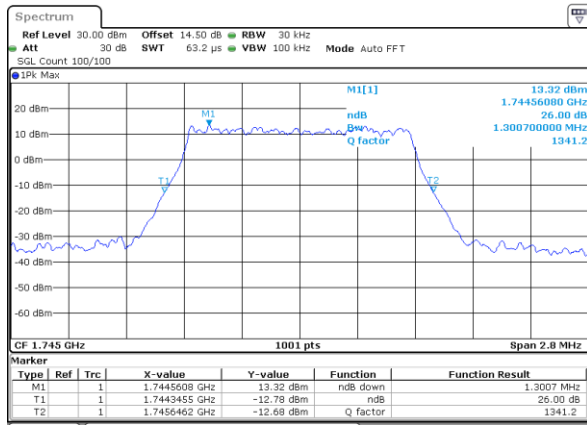
## Lowest Channel / 1.4MHz / 64QAM



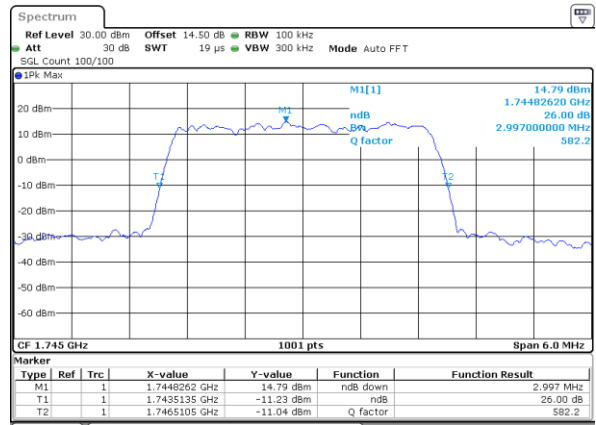
## Lowest Channel / 3MHz / 64QAM



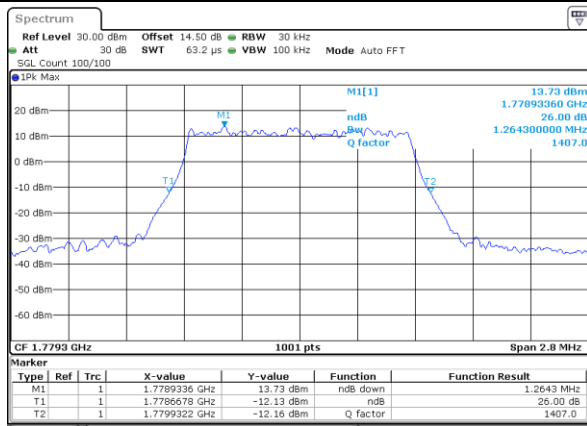
## Middle Channel / 1.4MHz / 64QAM



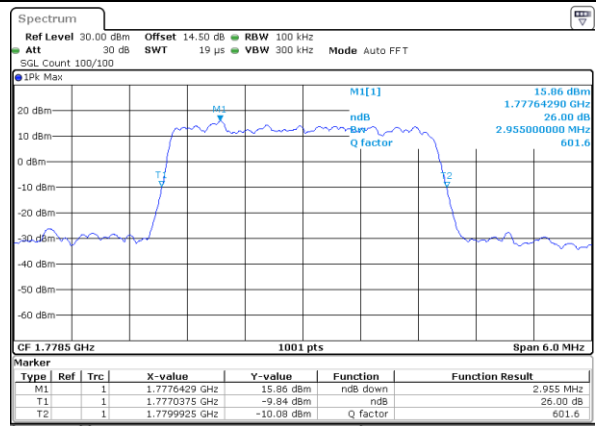
## Middle Channel / 3MHz / 64QAM



## Highest Channel / 1.4MHz / 64QAM



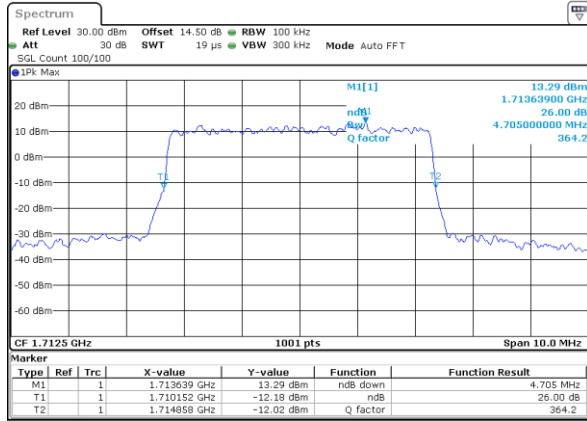
## Highest Channel / 3MHz / 64QAM





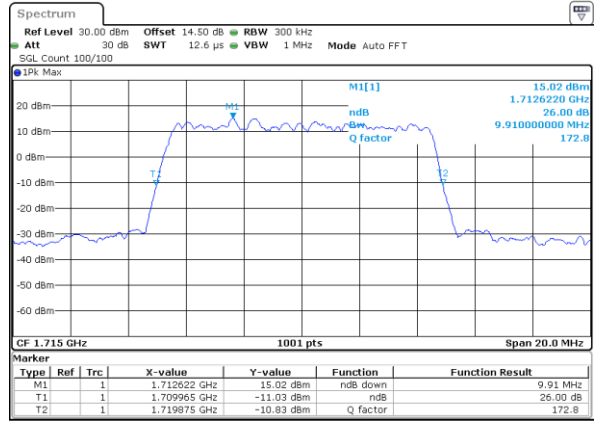
## LTE Band 66

## Lowest Channel / 5MHz / 64QAM



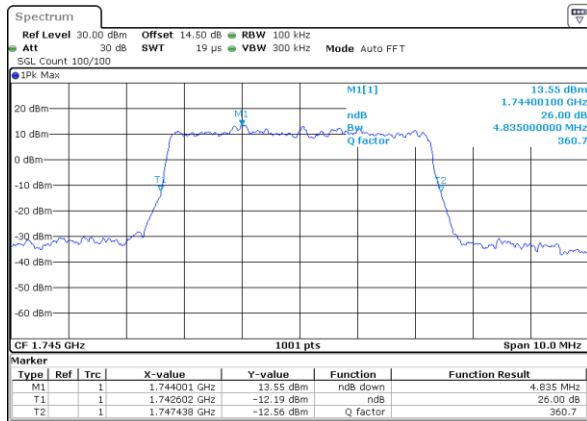
Date: 1.APR.2022 11:58:02

## Lowest Channel / 10MHz / 64QAM



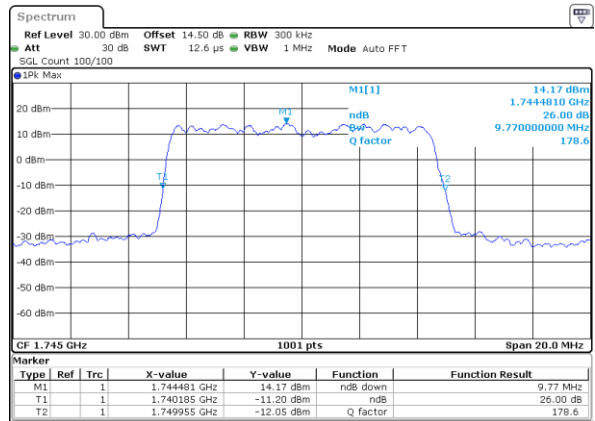
Date: 1.APR.2022 12:54:49

## Middle Channel / 5MHz / 64QAM



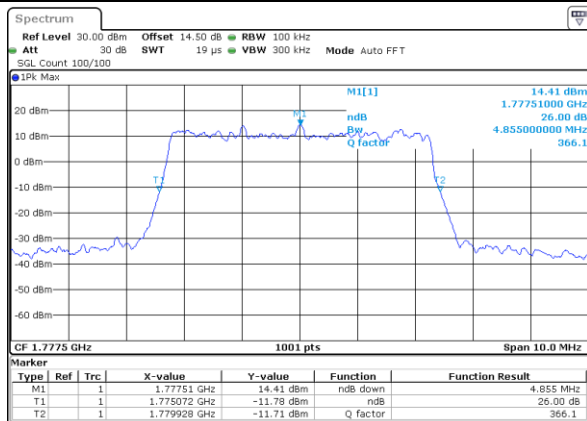
Date: 1.APR.2022 12:02:33

## Middle Channel / 10MHz / 64QAM



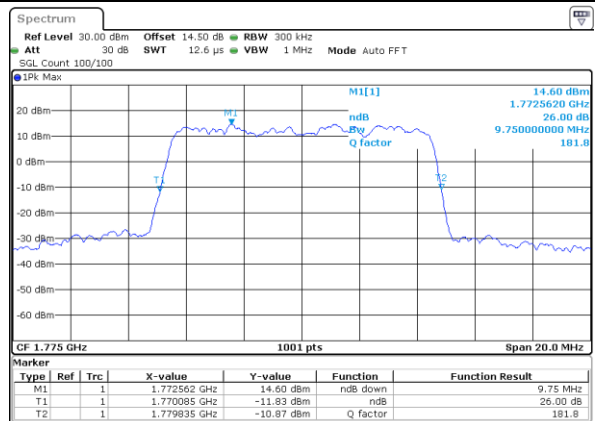
Date: 1.APR.2022 12:59:20

## Highest Channel / 5MHz / 64QAM



Date: 1.APR.2022 12:04:30

## Highest Channel / 10MHz / 64QAM

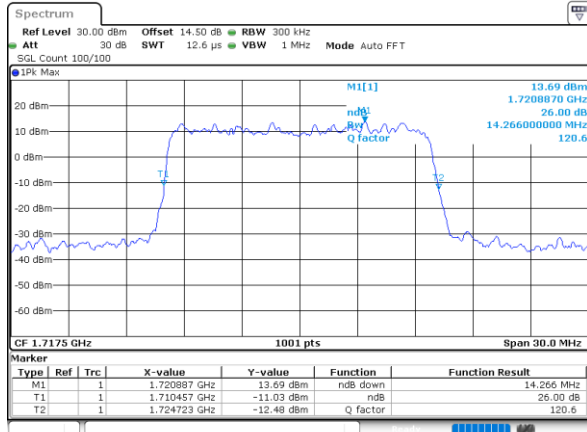


Date: 1.APR.2022 13:01:16

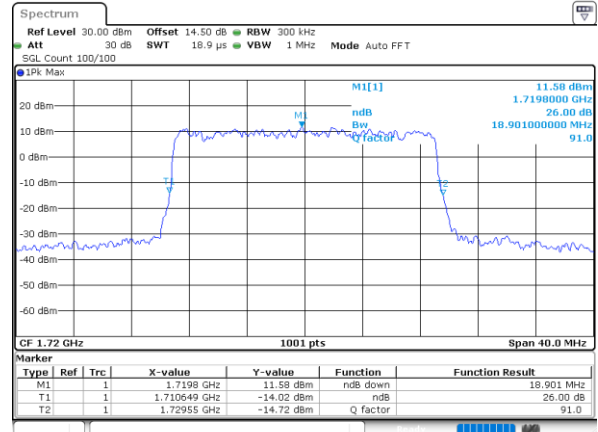


## LTE Band 66

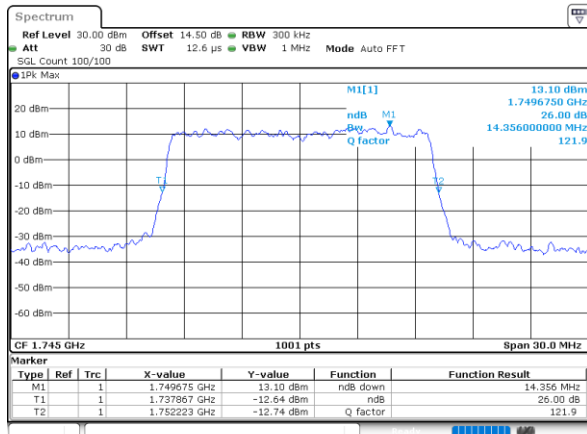
## Lowest Channel / 15MHz / 64QAM



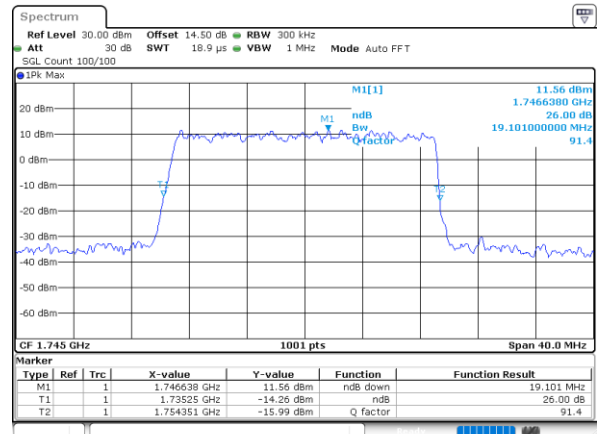
## Lowest Channel / 20MHz / 64QAM



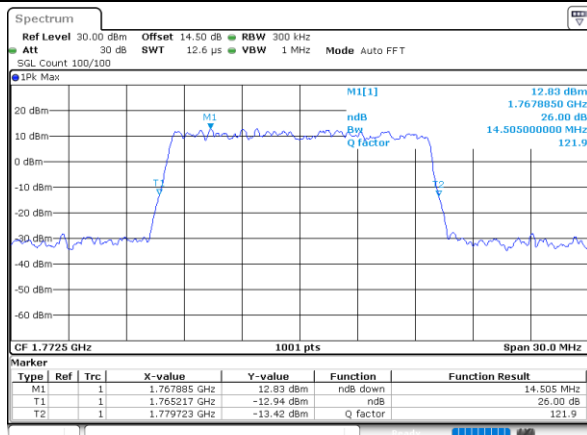
## Middle Channel / 15MHz / 64QAM



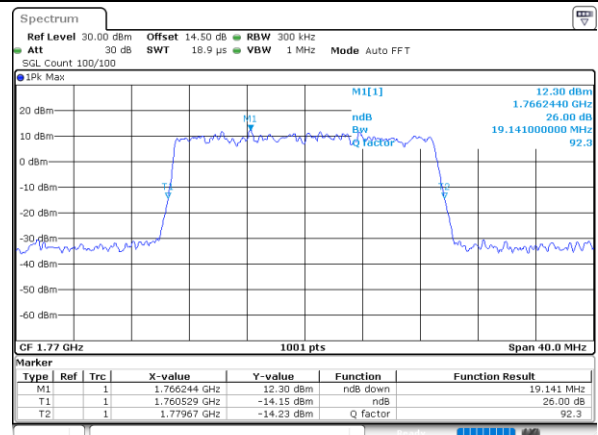
## Middle Channel / 20MHz / 64QAM



## Highest Channel / 15MHz / 64QAM



## Highest Channel / 20MHz / 64QAM



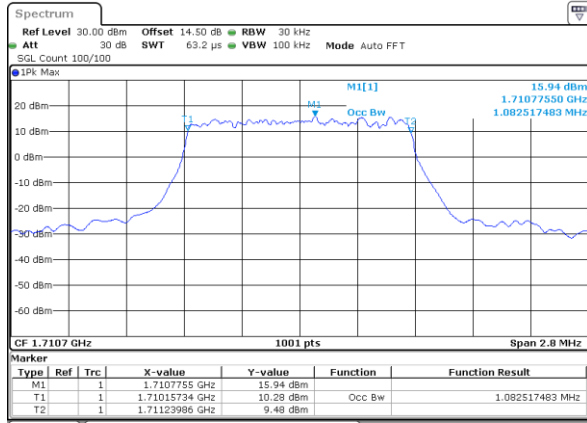
**Occupied Bandwidth**

| Mode       | LTE Band 66 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.08                      | 1.09  | 2.70  | 2.73  | 4.49  | 4.48  | 9.01  | 9.01  | 13.43 | 13.43 | 17.94 | 17.94 |
| Middle CH  | 1.09                      | 1.10  | 2.72  | 2.72  | 4.51  | 4.50  | 9.03  | 9.01  | 13.49 | 13.49 | 17.90 | 17.82 |
| Highest CH | 1.10                      | 1.09  | 2.70  | 2.71  | 4.49  | 4.48  | 9.05  | 9.05  | 13.52 | 13.49 | 17.90 | 17.82 |
| Mode       | LTE Band 66 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | 1.09                      | -     | 2.72  | -     | 4.51  | -     | 9.01  | -     | 13.43 | -     | 17.90 | -     |
| Middle CH  | 1.09                      | -     | 2.72  | -     | 4.50  | -     | 9.05  | -     | 13.46 | -     | 17.94 | -     |
| Highest CH | 1.09                      | -     | 2.73  | -     | 4.50  | -     | 9.03  | -     | 13.40 | -     | 17.82 | -     |

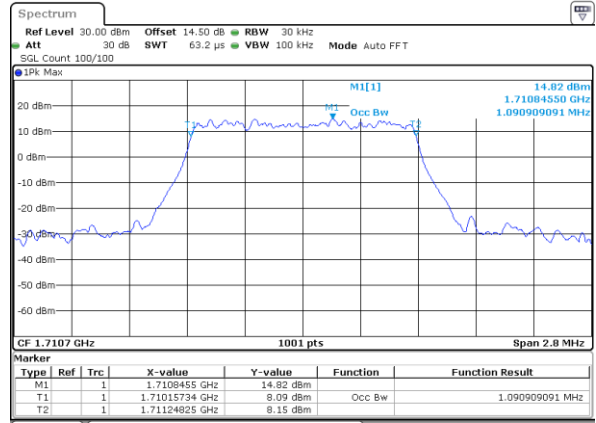


## LTE Band 66

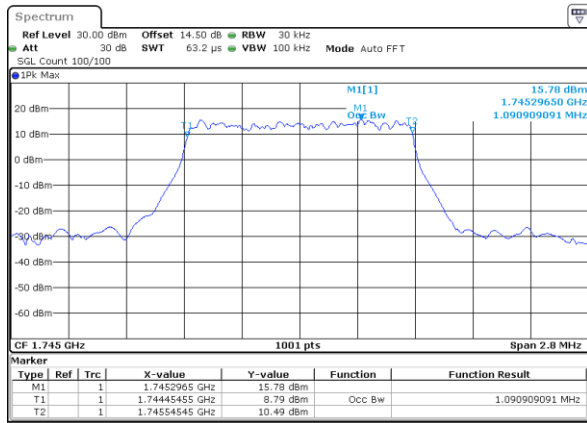
## Lowest Channel / 1.4MHz / QPSK



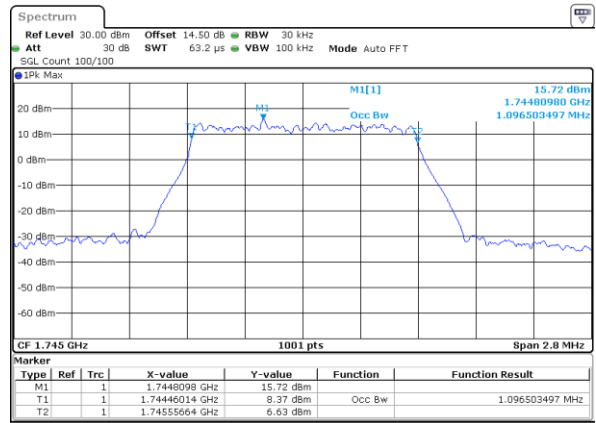
## Lowest Channel / 1.4MHz / 16QAM



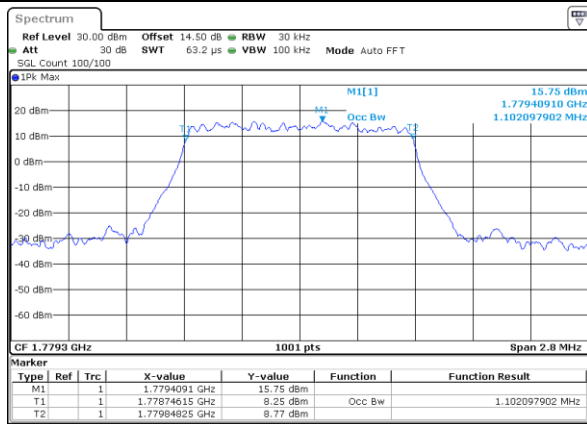
## Middle Channel / 1.4MHz / QPSK



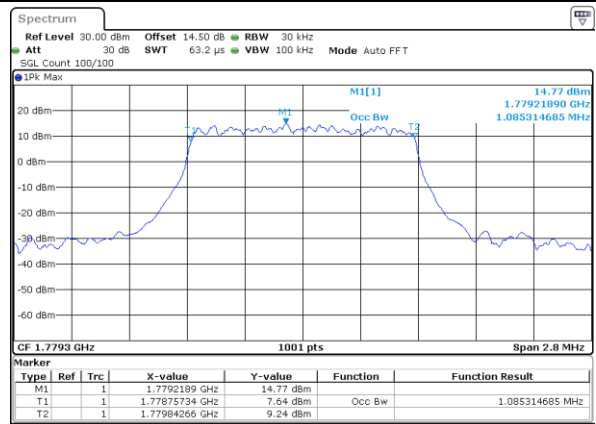
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



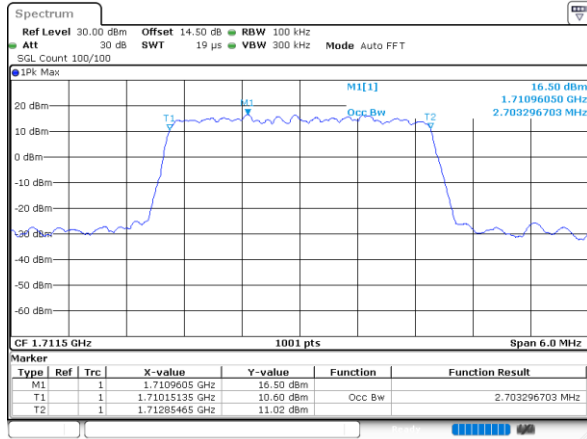
## Highest Channel / 1.4MHz / 16QAM



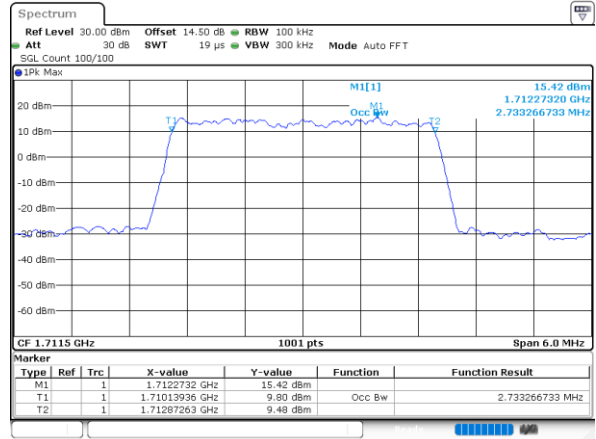


## LTE Band 66

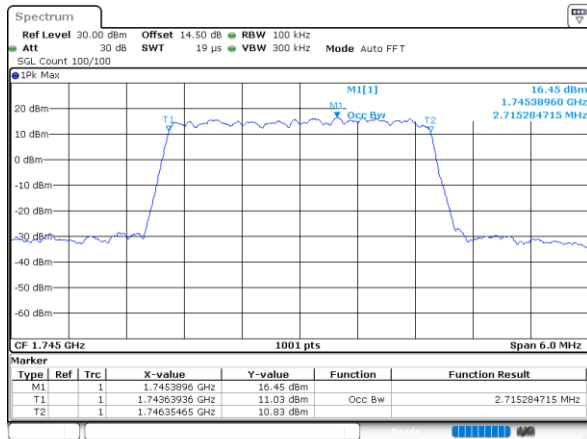
## Lowest Channel / 3MHz / QPSK



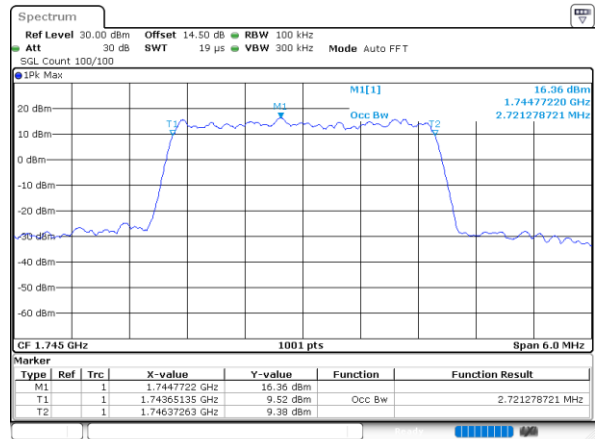
## Lowest Channel / 3MHz / 16QAM



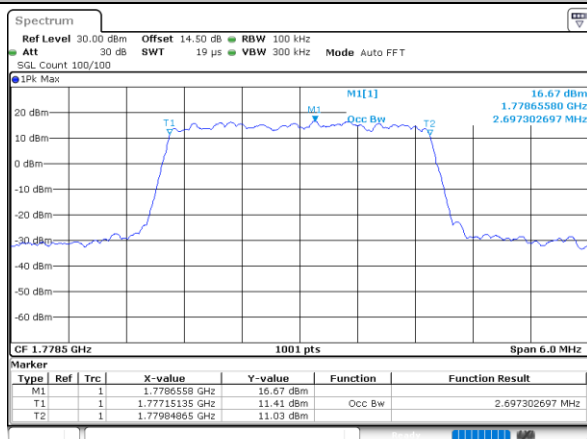
## Middle Channel / 3MHz / QPSK



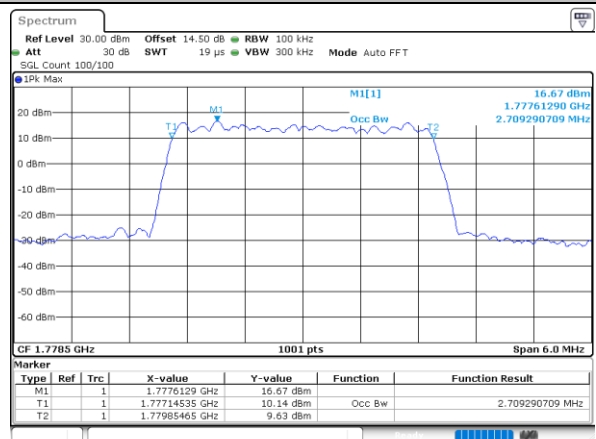
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



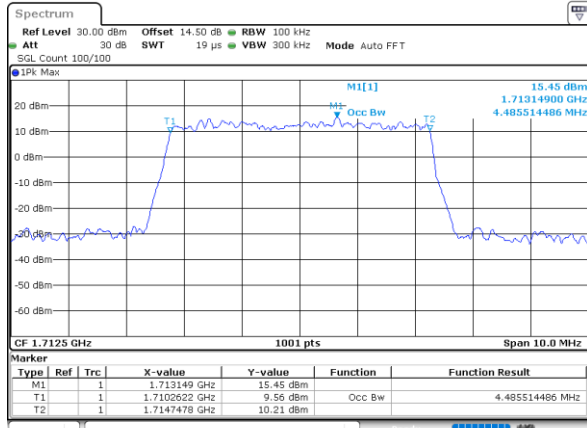
## Highest Channel / 3MHz / 16QAM





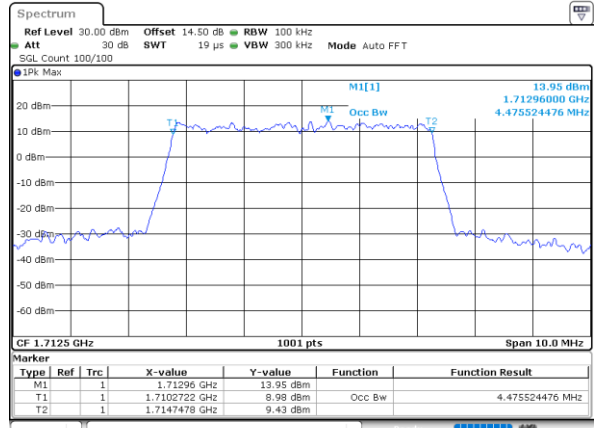
## LTE Band 66

## Lowest Channel / 5MHz / QPSK



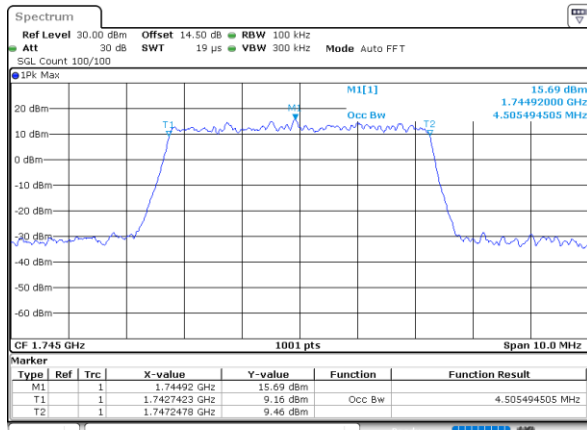
Date: 1.APR.2022 12:08:46

## Lowest Channel / 5MHz / 16QAM



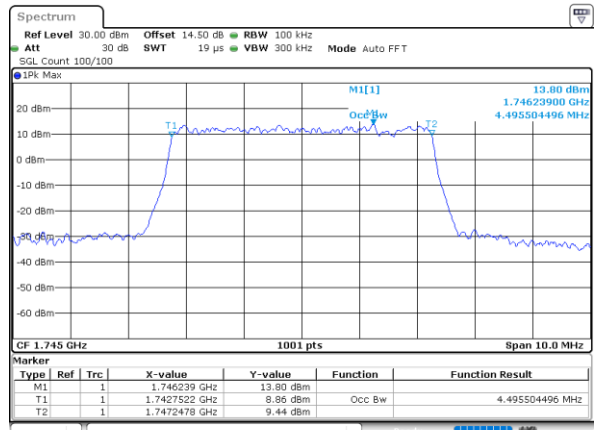
Date: 1.APR.2022 12:09:10

## Middle Channel / 5MHz / QPSK



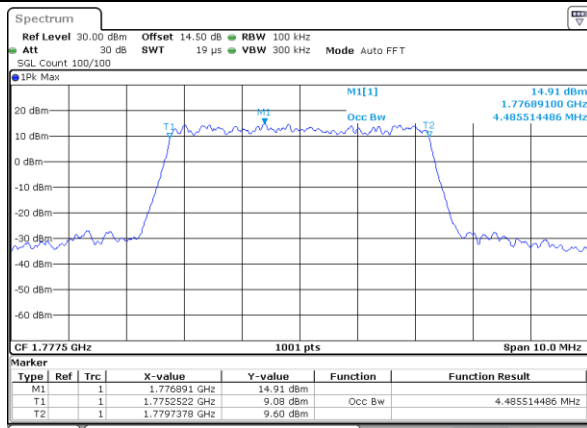
Date: 1.APR.2022 12:18:07

## Middle Channel / 5MHz / 16QAM



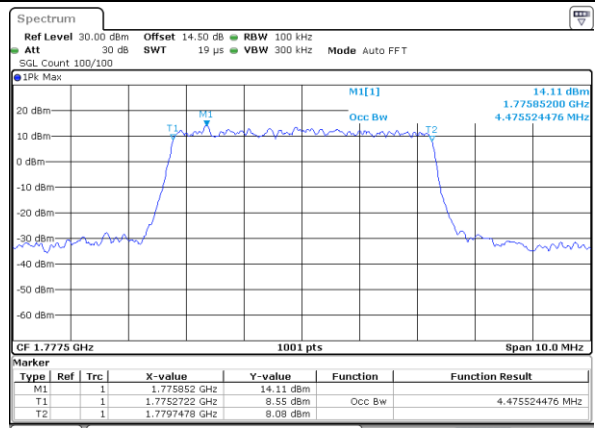
Date: 1.APR.2022 12:18:31

## Highest Channel / 5MHz / QPSK



Date: 1.APR.2022 12:22:19

## Highest Channel / 5MHz / 16QAM

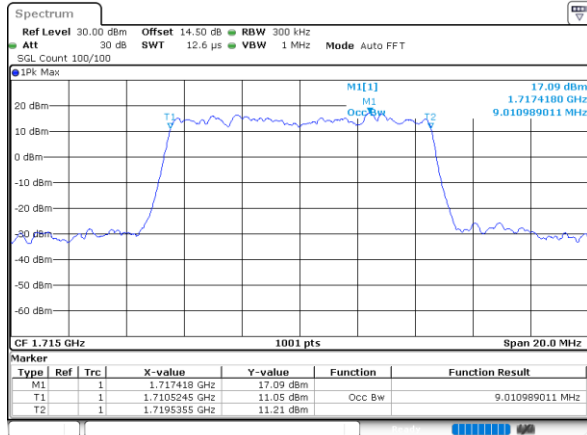


Date: 1.APR.2022 12:22:43



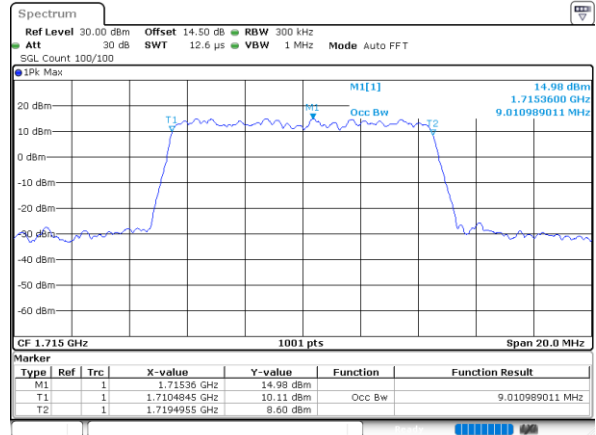
## LTE Band 66

## Lowest Channel / 10MHz / QPSK



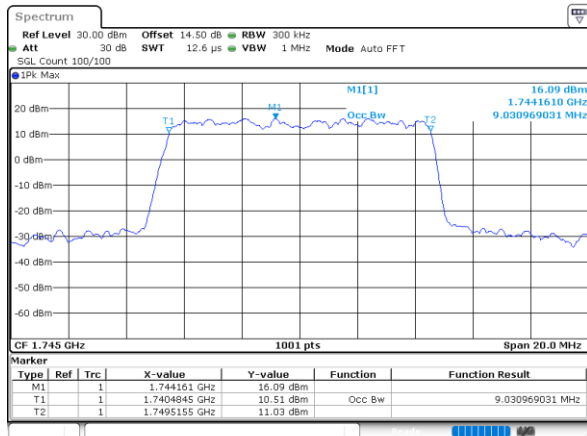
Date: 1.APR.2022 12:31:41

## Lowest Channel / 10MHz / 16QAM



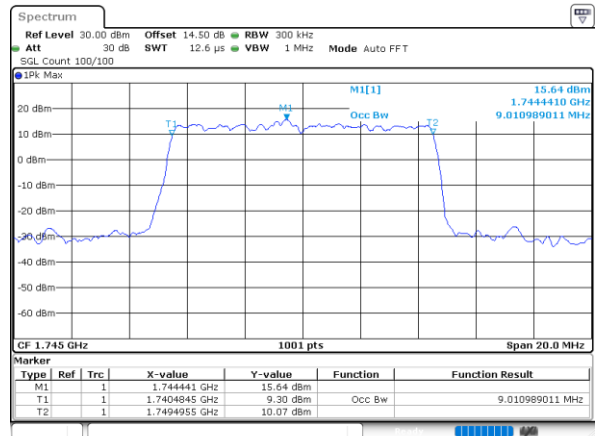
Date: 1.APR.2022 12:32:05

## Middle Channel / 10MHz / QPSK



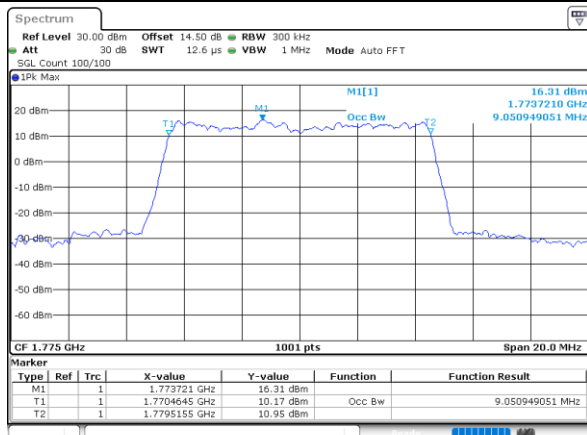
Date: 1.APR.2022 12:41:02

## Middle Channel / 10MHz / 16QAM



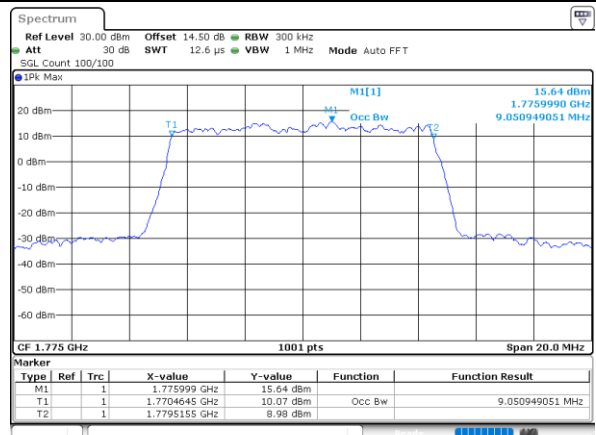
Date: 1.APR.2022 12:41:26

## Highest Channel / 10MHz / QPSK



Date: 1.APR.2022 12:45:13

## Highest Channel / 10MHz / 16QAM



Date: 1.APR.2022 12:45:38