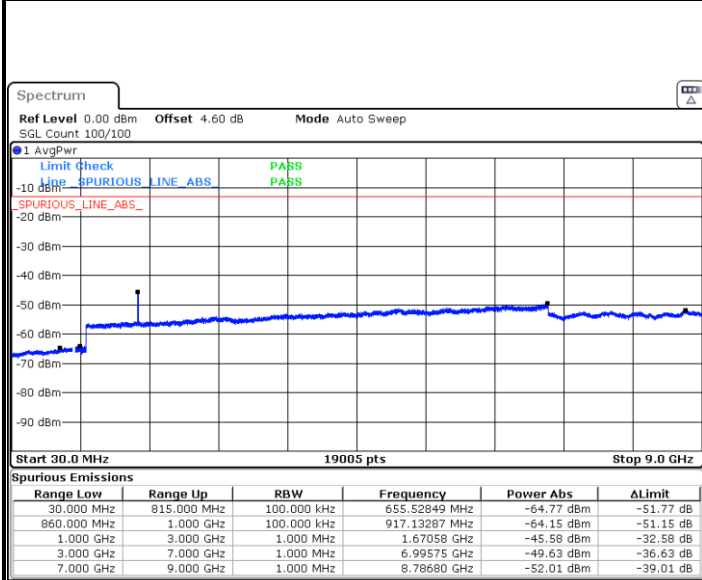




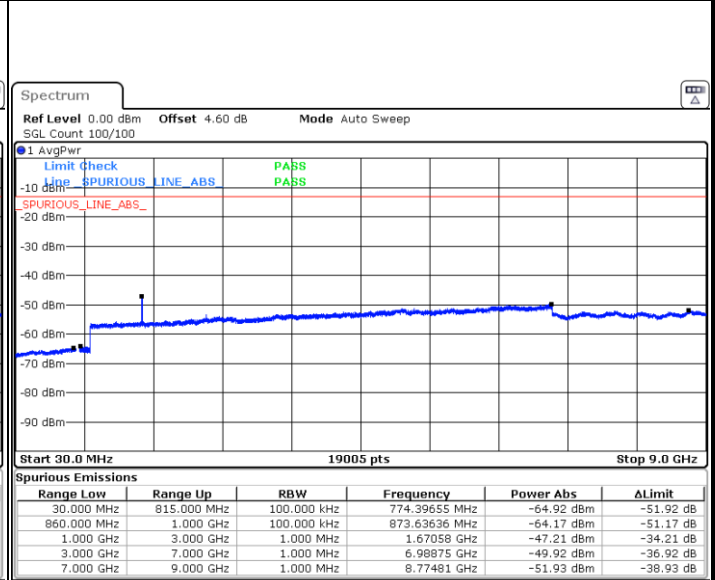
LTE Band 26 / 3MHz

Middle Channel / QPSK



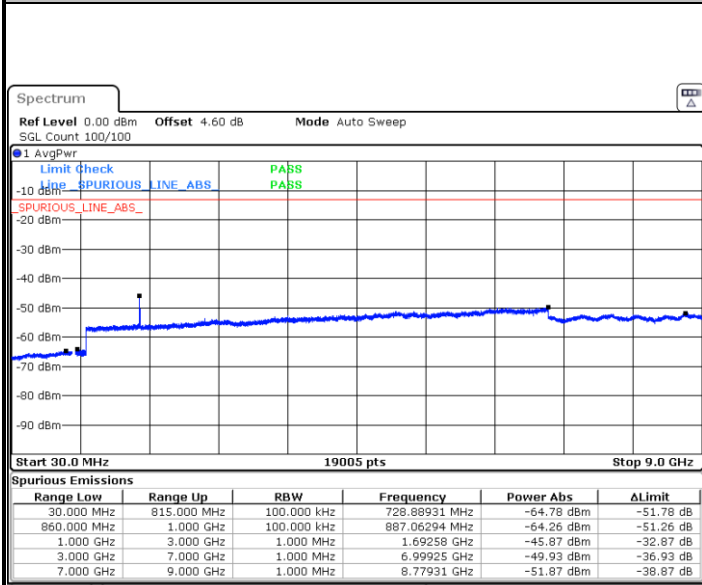
Date: 19 JUN 2020 23:54:41

Middle Channel / 16QAM



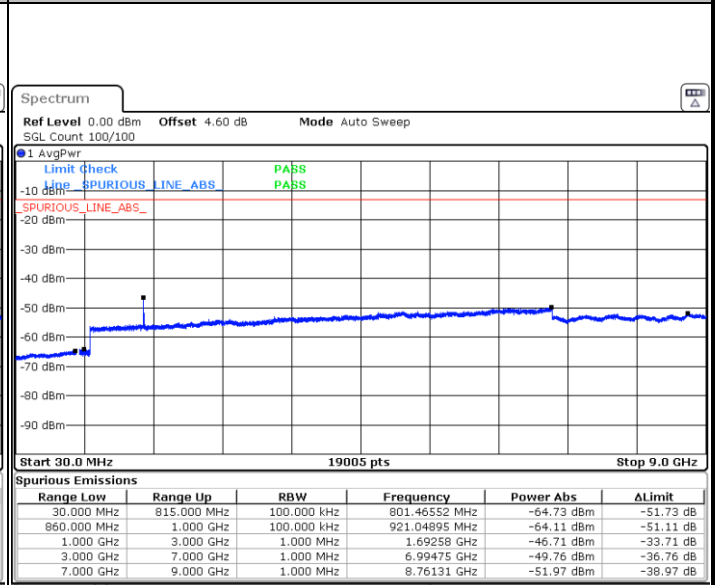
Date: 19 JUN 2020 23:55:35

Highest Channel / QPSK



Date: 19 JUN 2020 23:59:12

Highest Channel / 16QAM

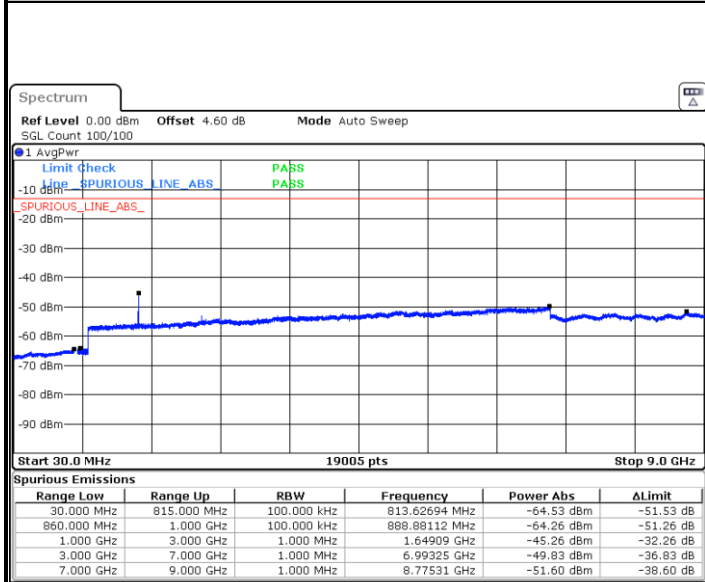


Date: 19 JUN 2020 23:58:18



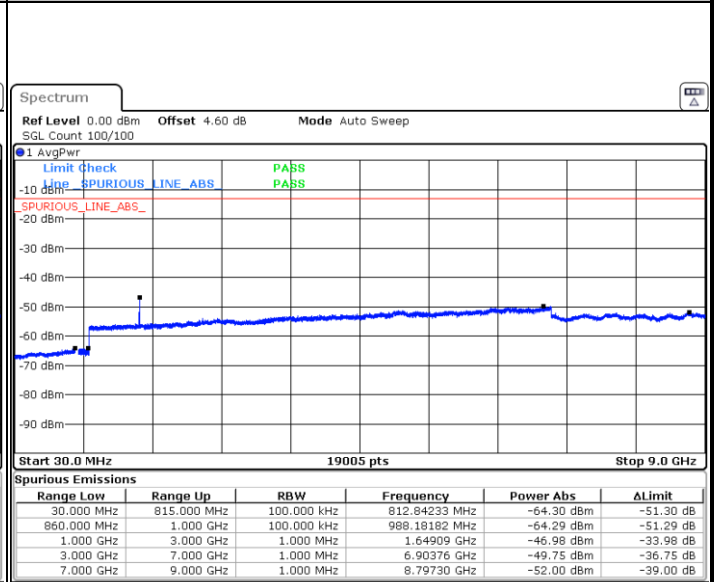
LTE Band 26 / 5MHz

Lowest Channel / QPSK



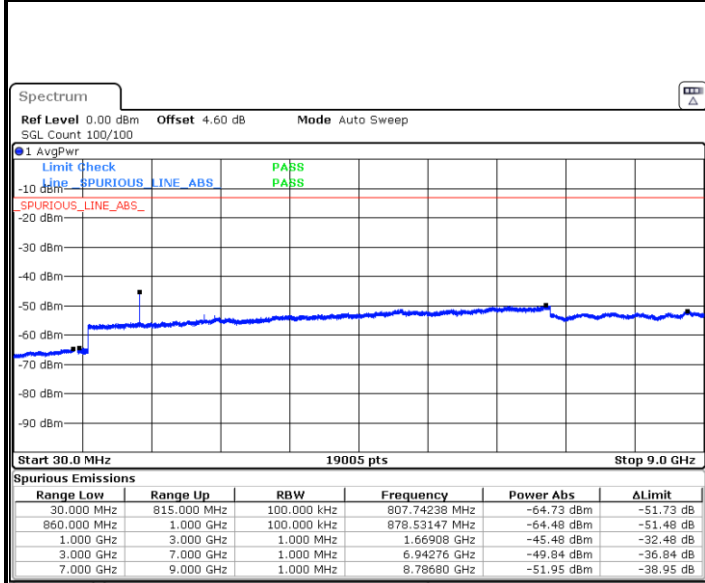
Date: 20 JUN 2020 00:03:07

Lowest Channel / 16QAM



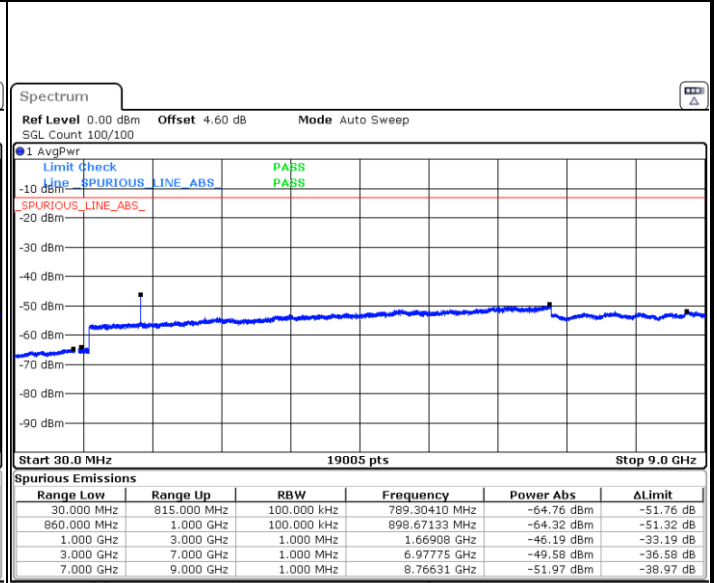
Date: 20 JUN 2020 00:04:01

Middle Channel / QPSK



Date: 20 JUN 2020 00:07:38

Middle Channel / 16QAM

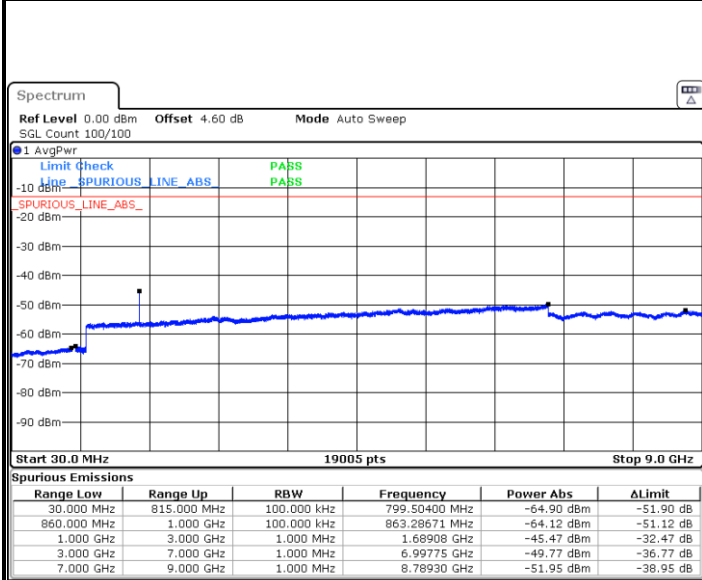


Date: 20 JUN 2020 00:06:44



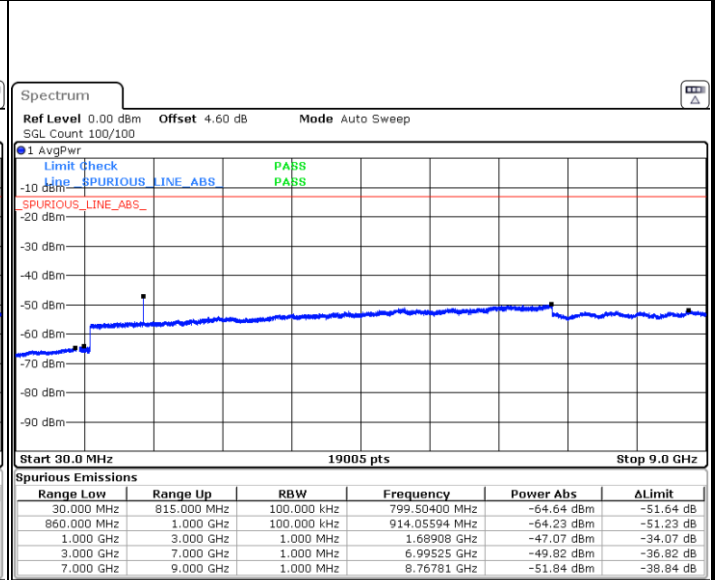
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 20 JUN 2020 00:08:33

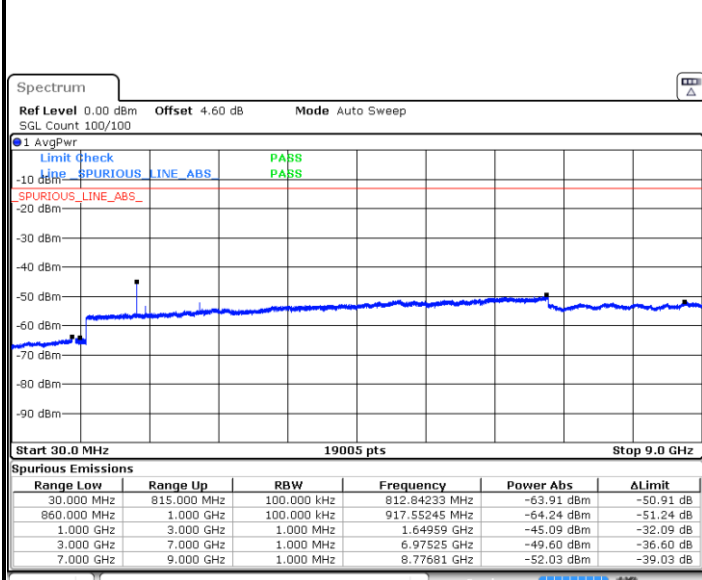
Highest Channel / 16QAM



Date: 20 JUN 2020 00:09:27

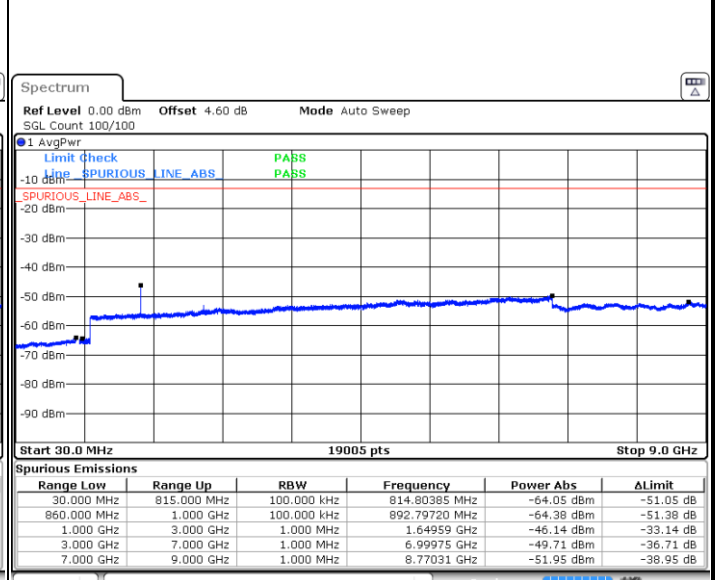
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 20 JUN 2020 00:14:15

Lowest Channel / 16QAM

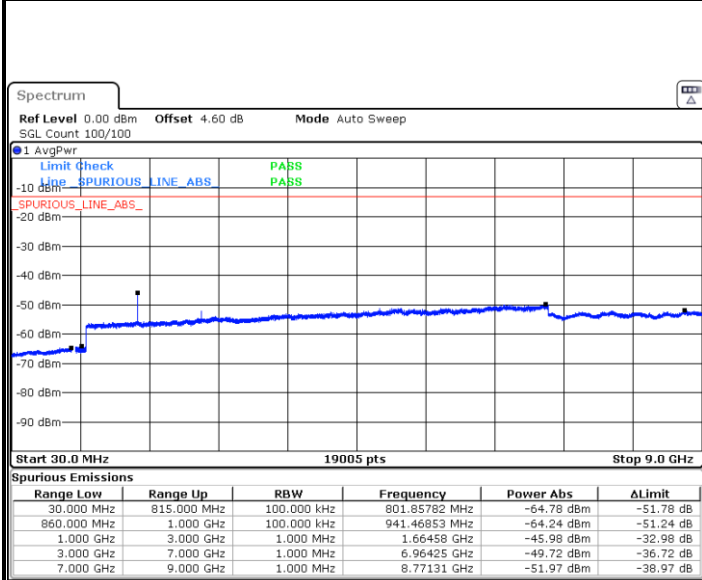


Date: 20 JUN 2020 00:15:09



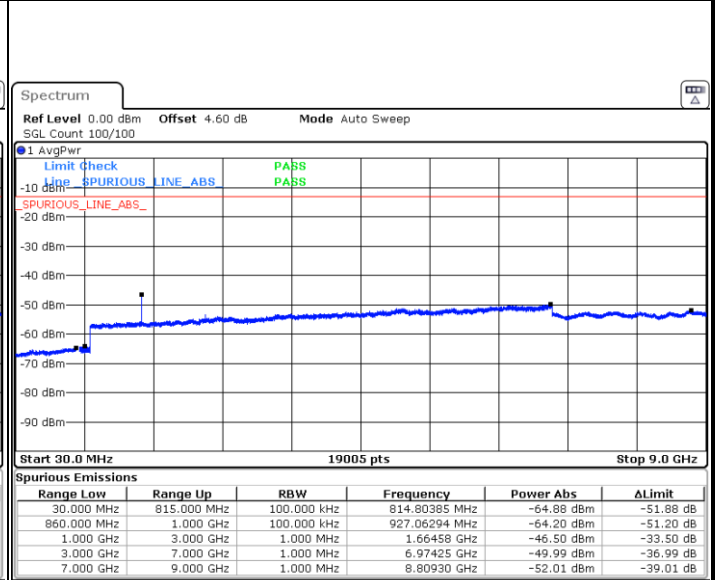
LTE Band 26 / 10MHz

Middle Channel / QPSK



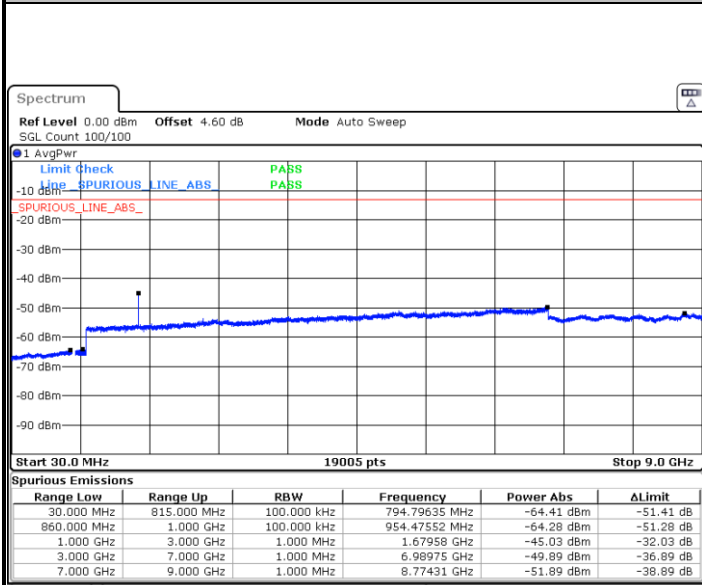
Date: 20 JUN 2020 00:18:47

Middle Channel / 16QAM



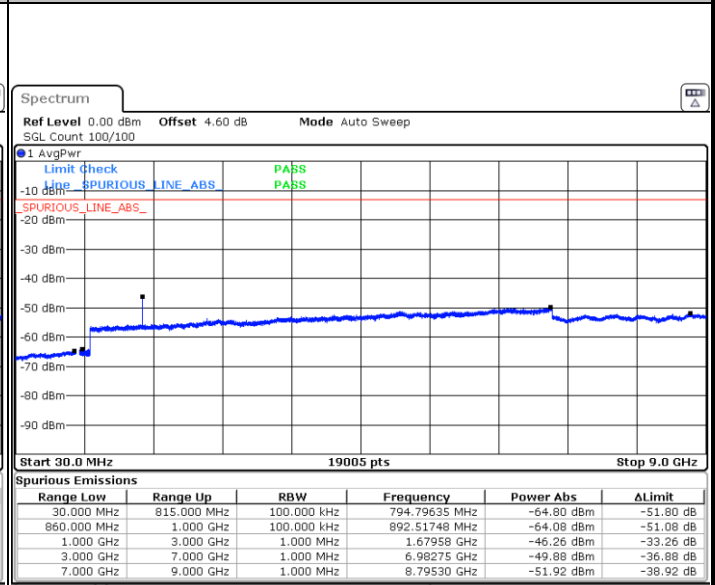
Date: 20 JUN 2020 00:17:52

Highest Channel / QPSK



Date: 20 JUN 2020 00:19:41

Highest Channel / 16QAM



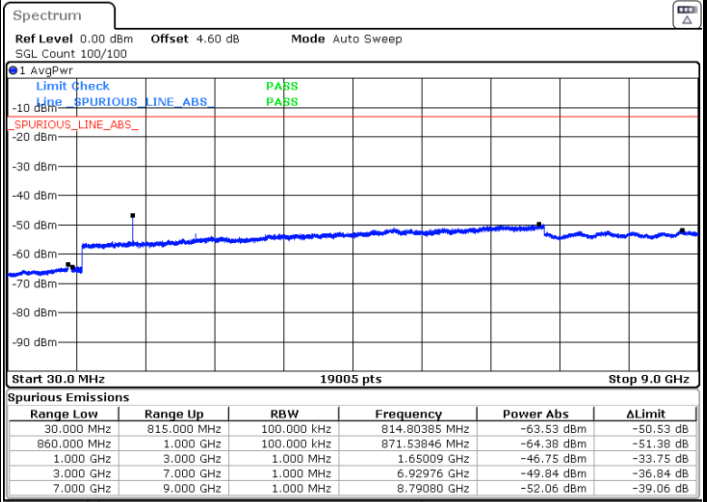
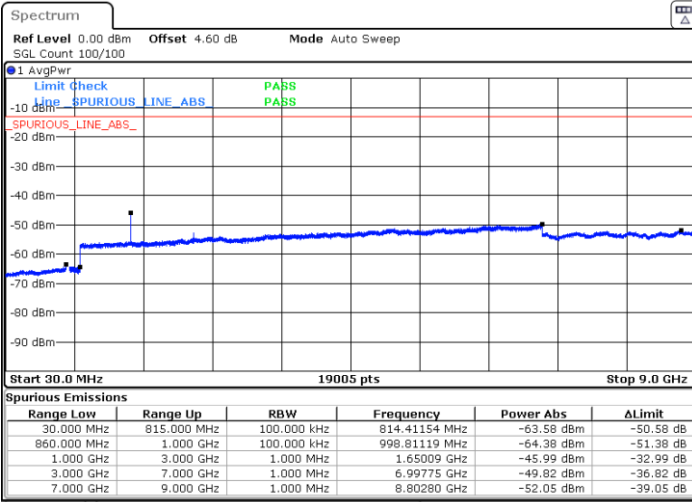
Date: 20 JUN 2020 00:20:36



LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

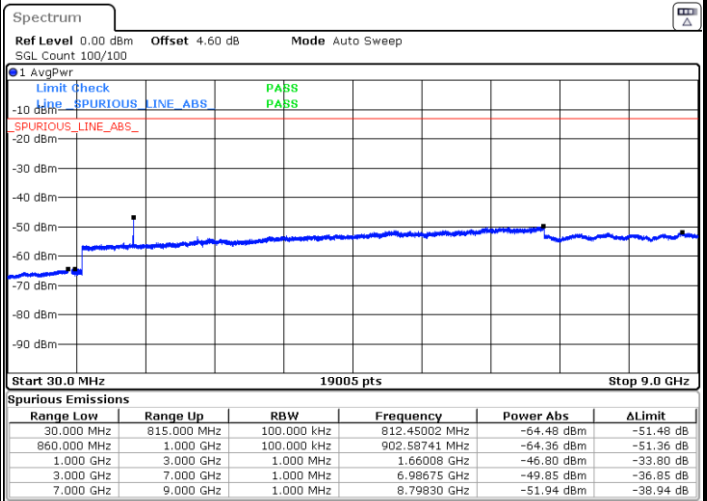
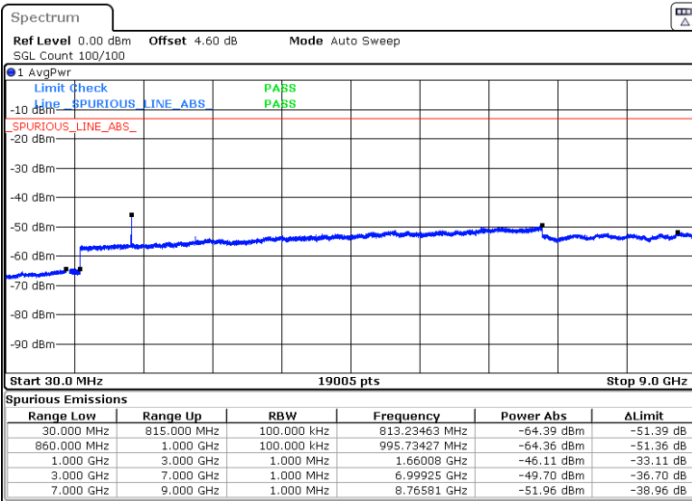


Date: 20 JUN 2020 00:25:24

Date: 20 JUN 2020 00:26:18

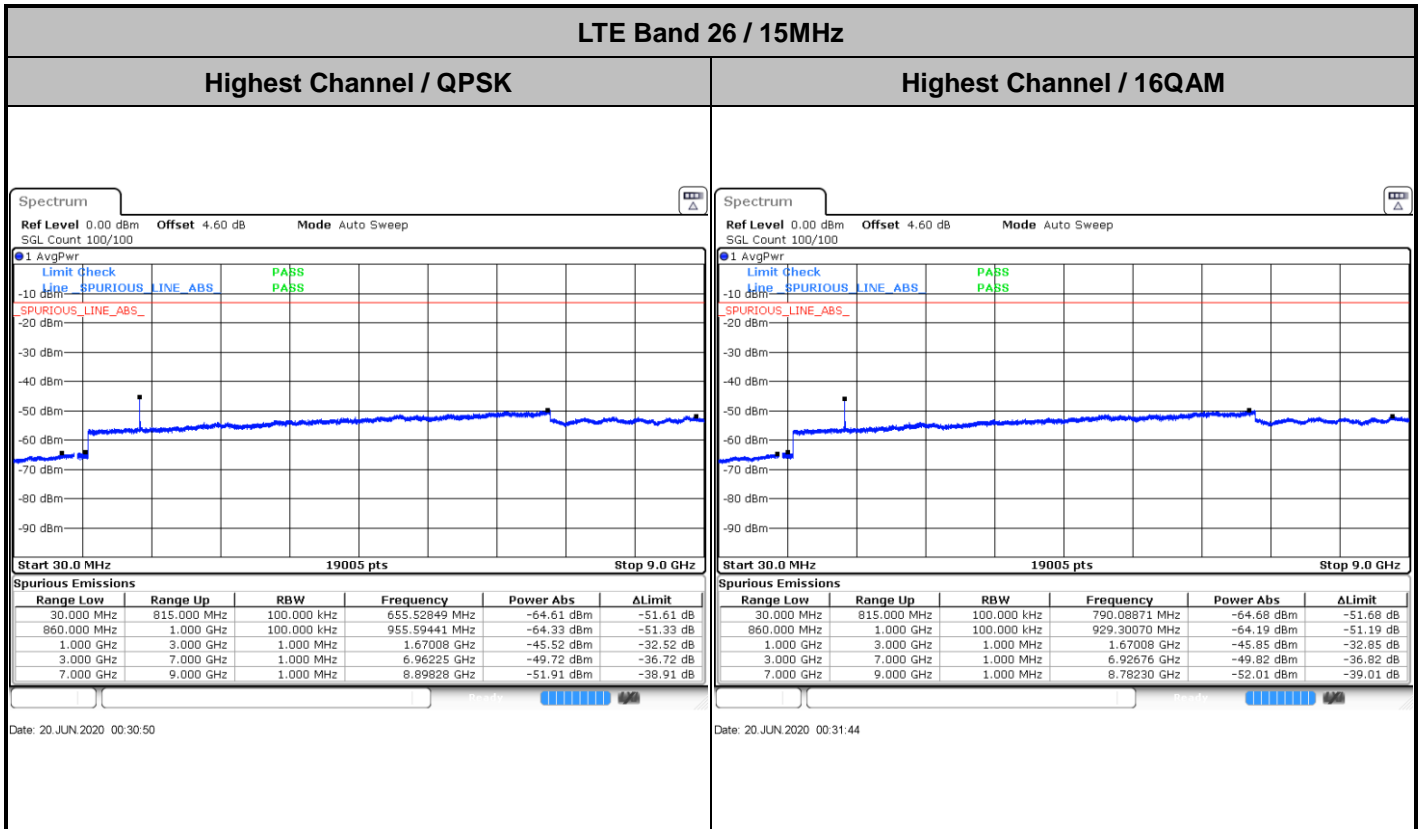
Middle Channel / QPSK

Middle Channel / 16QAM



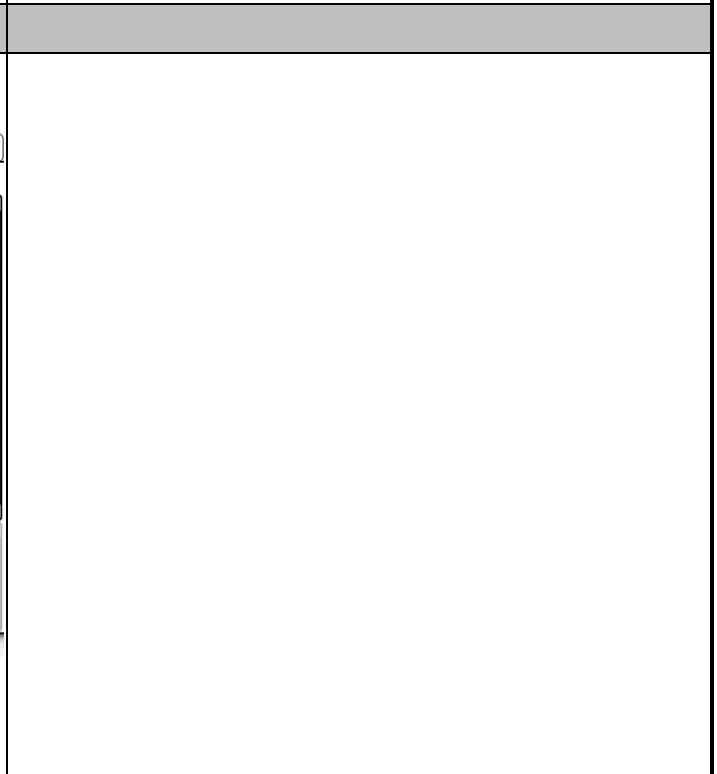
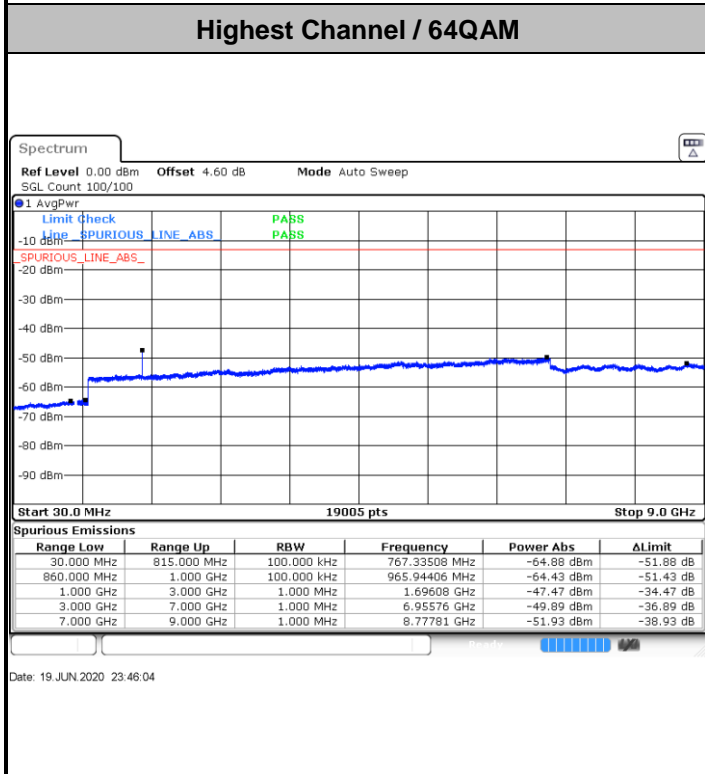
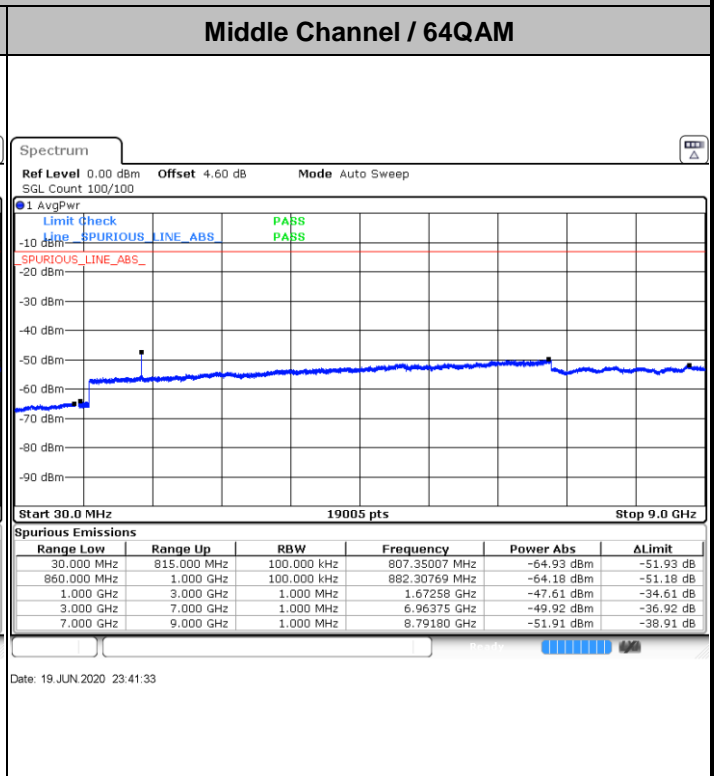
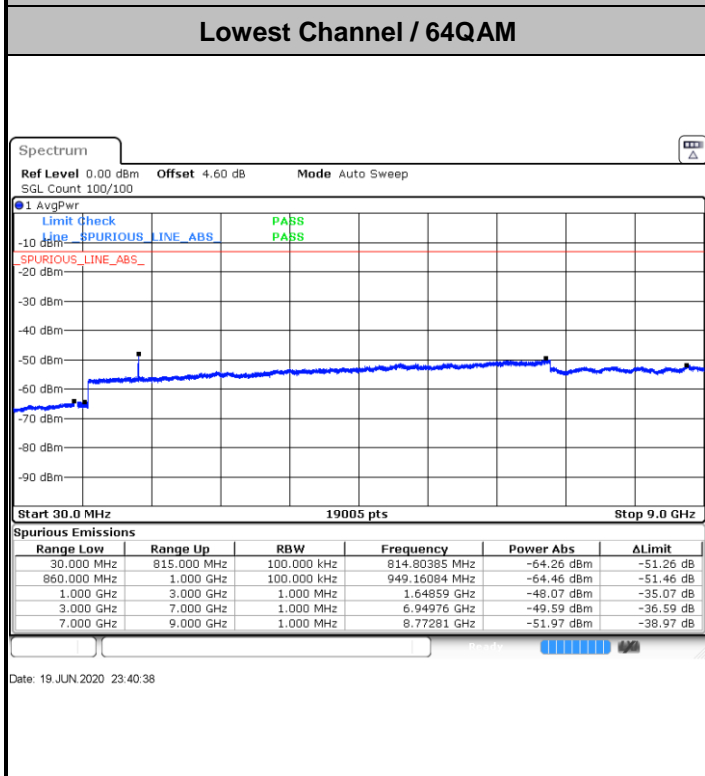
Date: 20 JUN 2020 00:29:56

Date: 20 JUN 2020 00:29:01





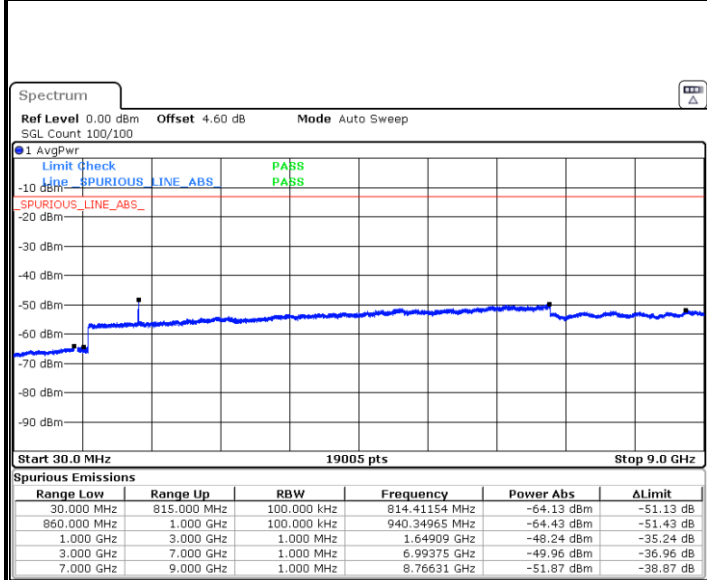
**LTE Band 26 / 1.4MHz**





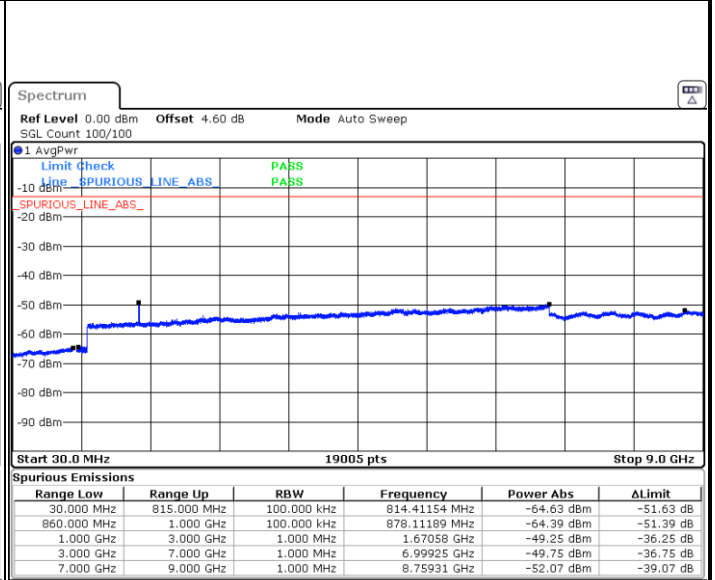
**LTE Band 26 / 3MHz**

**Lowest Channel / 64QAM**



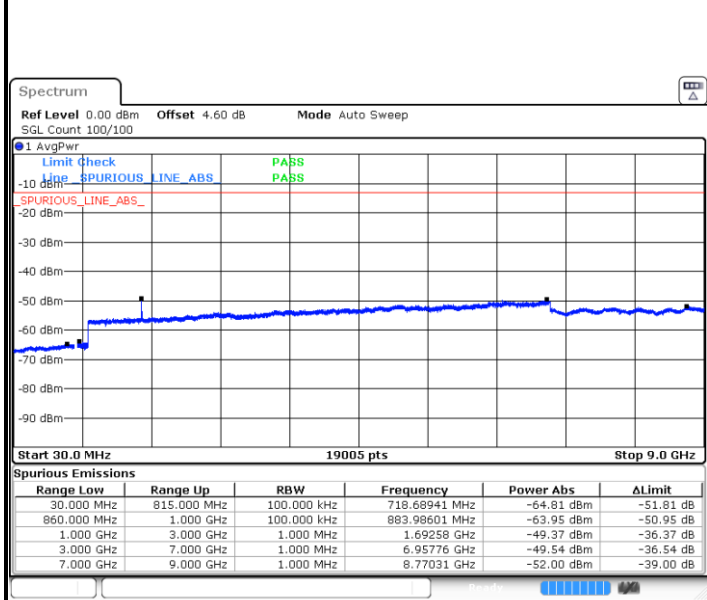
Date: 19 JUN 2020 23:51:58

**Middle Channel / 64QAM**



Date: 19 JUN 2020 23:56:29

**Highest Channel / 64QAM**



Date: 19 JUN 2020 23:57:24

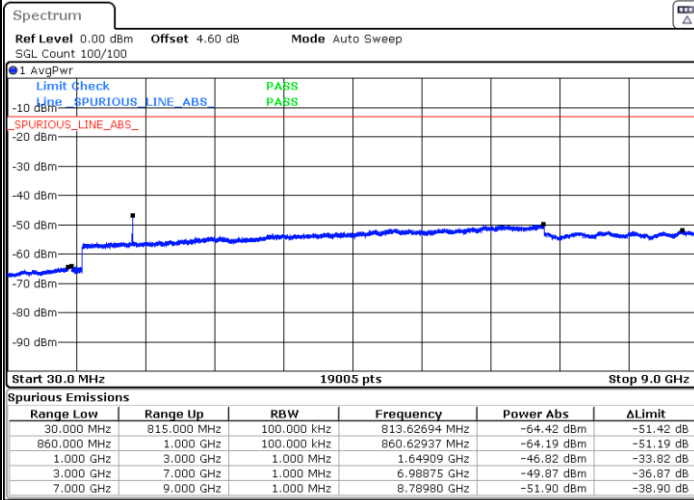




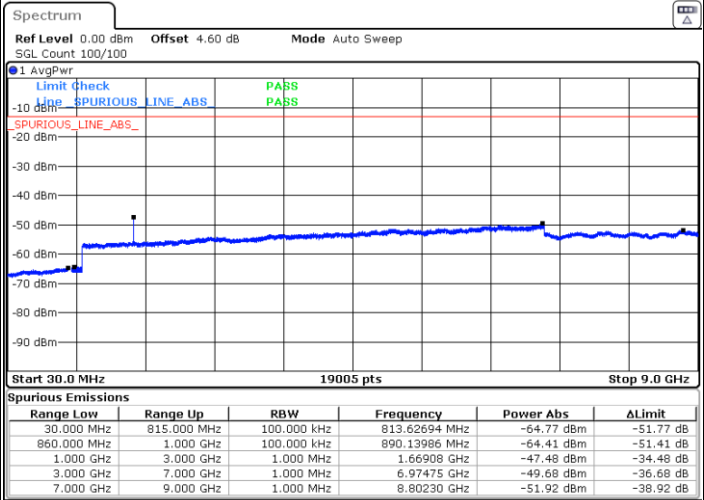
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

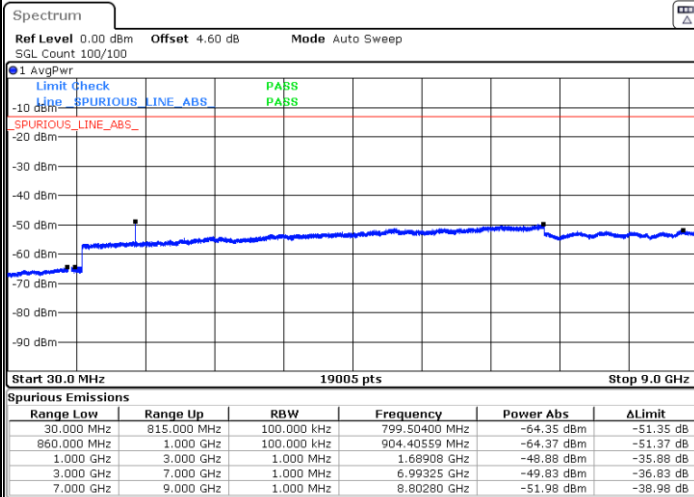


Date: 20 JUN 2020 00:04:55



Date: 20 JUN 2020 00:05:50

Highest Channel / 64QAM



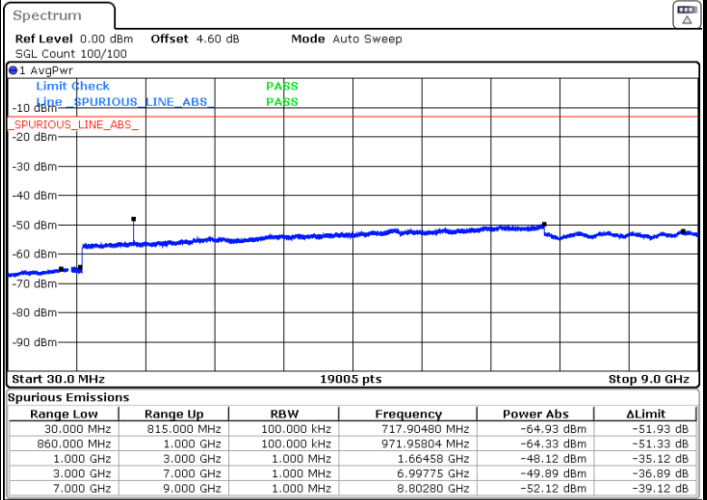
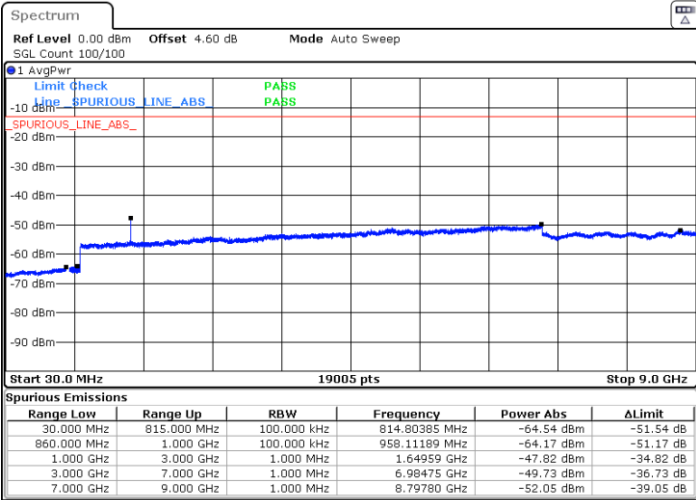
Date: 20 JUN 2020 00:10:21



LTE Band 26 / 10MHz

Lowest Channel / 64QAM

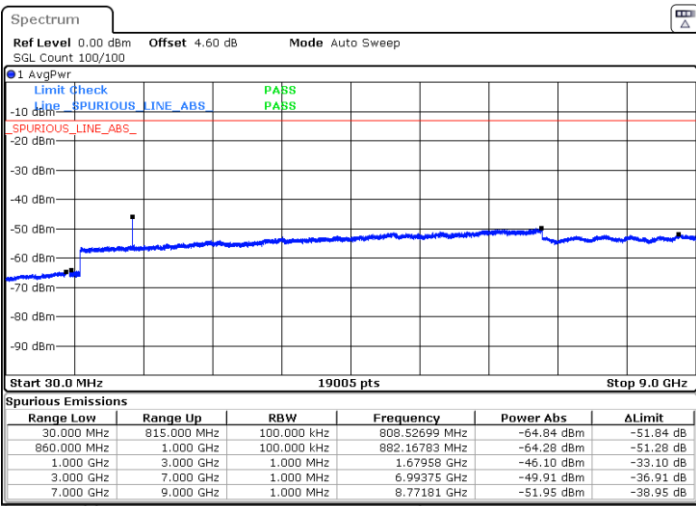
Middle Channel / 64QAM



Date: 20 JUN 2020 00:16:04

Date: 20 JUN 2020 00:16:58

Highest Channel / 64QAM



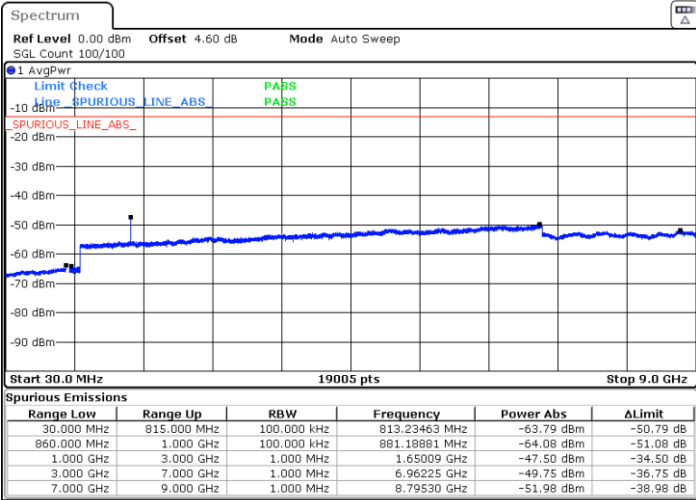
Date: 20 JUN 2020 00:21:30



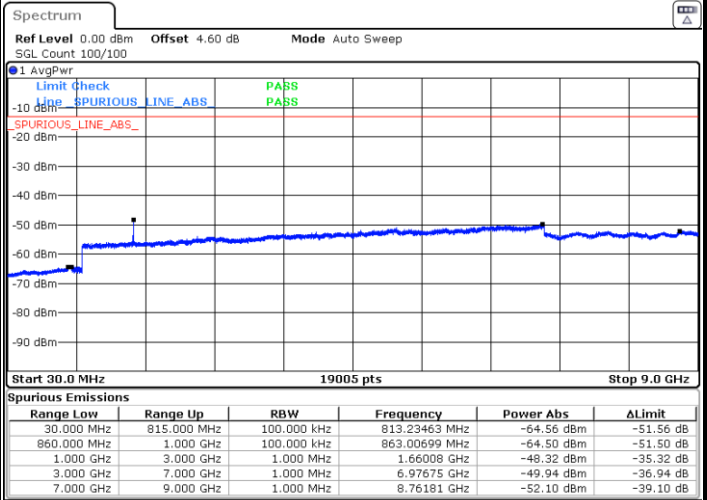
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

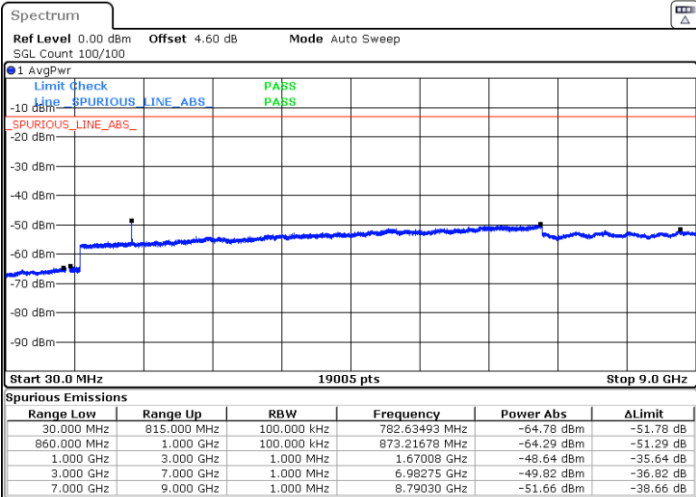


Date: 20 JUN 2020 00:27:13



Date: 20 JUN 2020 00:28:07

Highest Channel / 64QAM



Date: 20 JUN 2020 00:32:38



Frequency Stability

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0021                              | PASS    |
| 40               | Normal Voltage    | 0.0033                              |         |
| 30               | Normal Voltage    | 0.0012                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0046                              |         |
| 0                | Normal Voltage    | 0.0019                              |         |
| -10              | Normal Voltage    | 0.0024                              |         |
| -20              | Normal Voltage    | 0.0034                              |         |
| -30              | Normal Voltage    | 0.0009                              |         |
| 20               | Maximum Voltage   | 0.0024                              |         |
| 20               | Normal Voltage    | 0.0033                              |         |
| 20               | Battery End Point | 0.0027                              |         |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 66

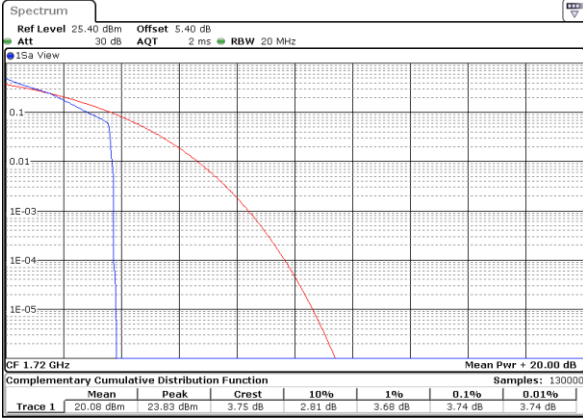
## Peak-to-Average Ratio

| Mode       | LTE Band 66 / 20MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 3.74                | 5.16    | 5.74  | 6.00    | <b>PASS</b> |
| Middle CH  | 3.65                | 4.93    | 5.48  | 5.83    |             |
| Highest CH | 3.65                | 4.99    | 5.25  | 6.09    |             |
| Mode       | LTE Band 66 / 20MHz |         |       |         |             |
| Mod.       | 64QAM               |         |       |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB |       |         | Result      |
| Lowest CH  | 6.81                | 6.58    | -     | -       | <b>PASS</b> |
| Middle CH  | 6.99                | 6.26    | -     | -       |             |
| Highest CH | 6.90                | 6.67    | -     | -       |             |



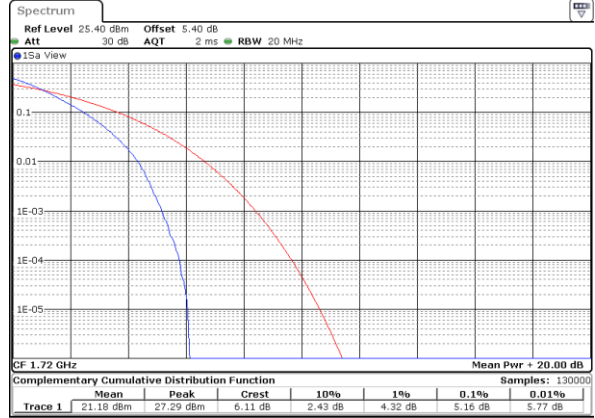
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



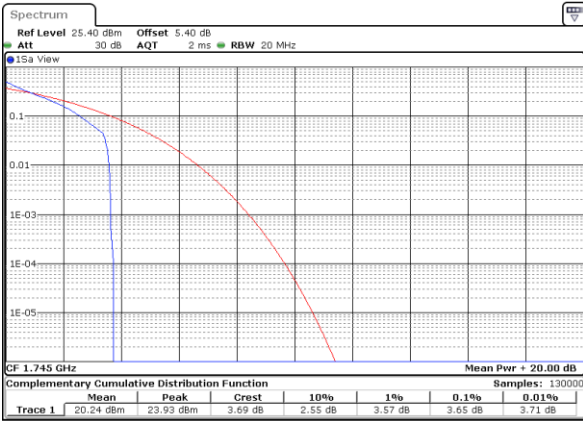
Date: 11 JUN 2020 08:30:34

Lowest Channel / Full RB



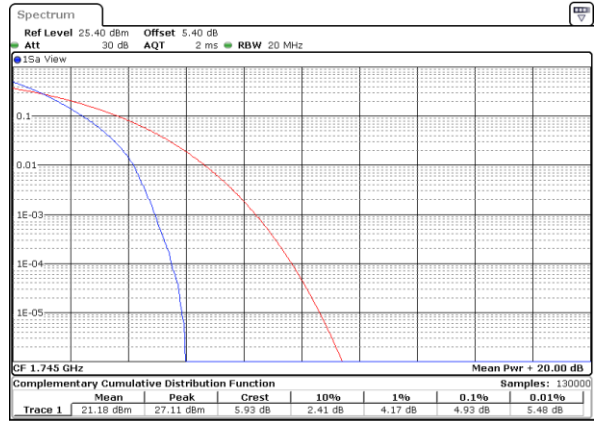
Date: 11 JUN 2020 08:19:02

Middle Channel / 1RB



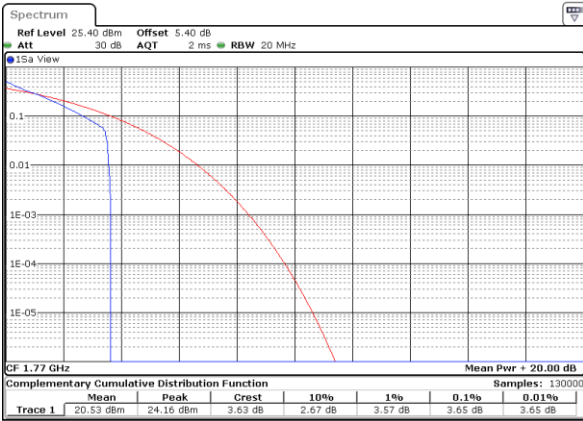
Date: 11 JUN 2020 08:06:21

Middle Channel / Full RB



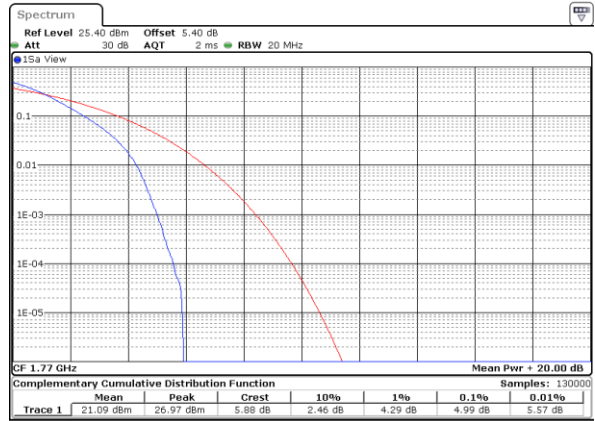
Date: 11 JUN 2020 08:05:50

Highest Channel / 1RB



Date: 11 JUN 2020 08:27:41

Highest Channel / Full RB

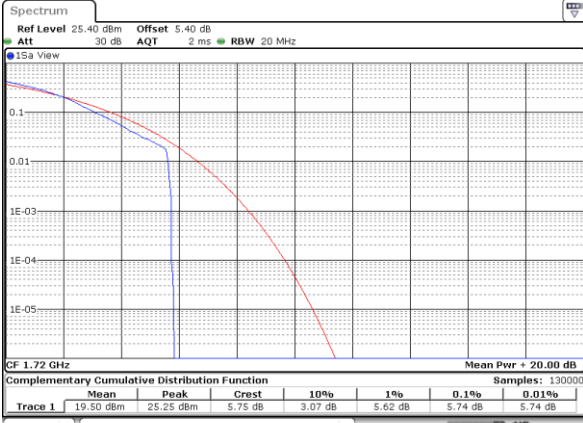


Date: 11 JUN 2020 08:19:50



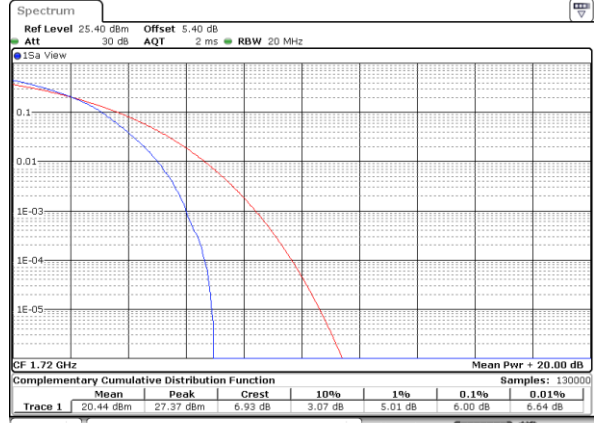
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



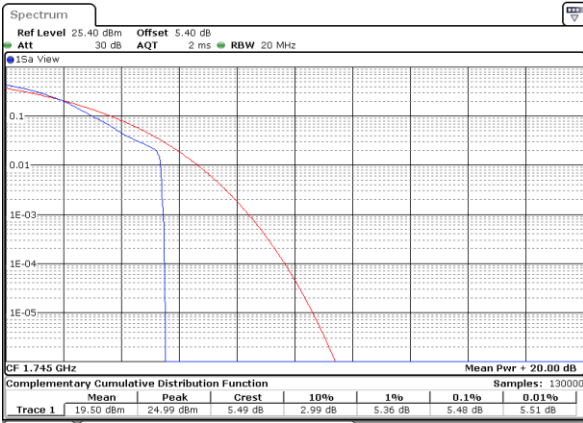
Date: 11 JUN 2020 08:11:13

Lowest Channel / Full RB



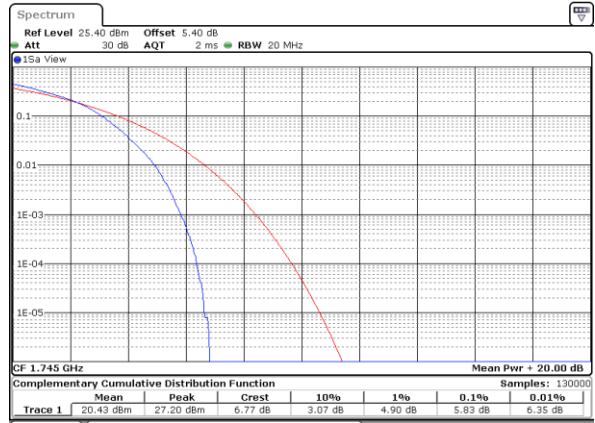
Date: 11 JUN 2020 08:18:26

Middle Channel / 1RB



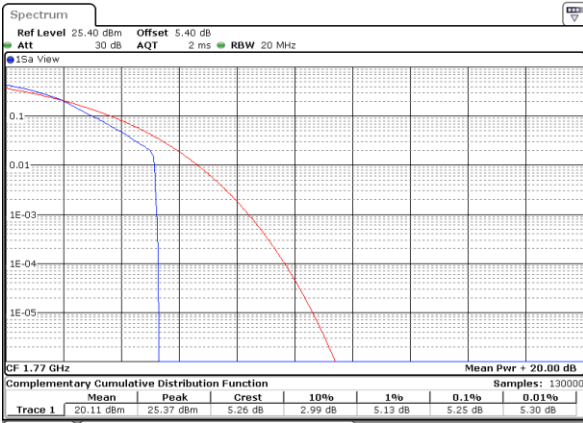
Date: 11 JUN 2020 08:06:41

Middle Channel / Full RB



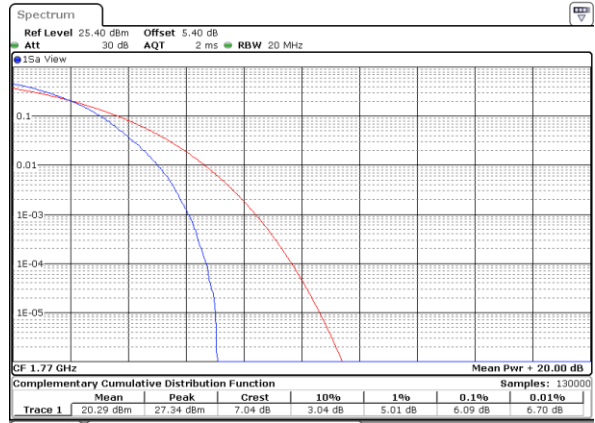
Date: 11 JUN 2020 08:05:23

Highest Channel / 1RB



Date: 11 JUN 2020 08:27:00

Highest Channel / Full RB

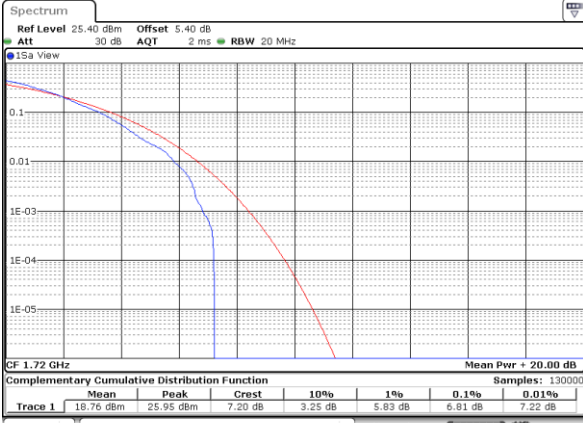


Date: 11 JUN 2020 08:20:30



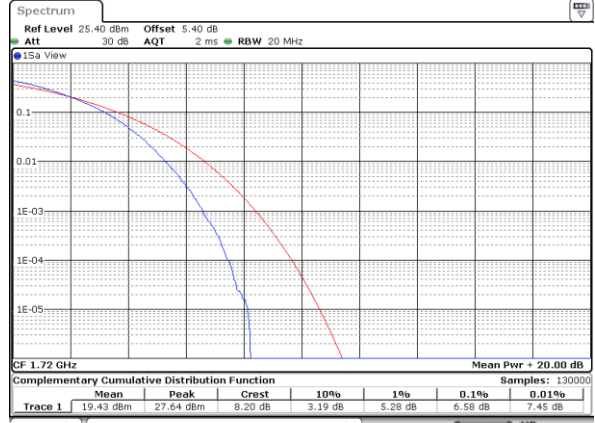
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



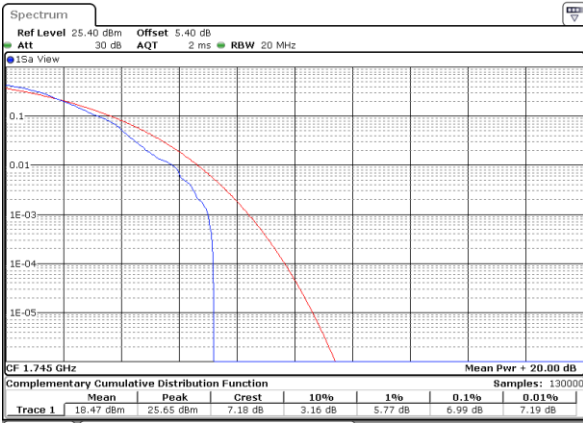
Date: 11 JUN 2020 08:13:38

Lowest Channel / Full RB



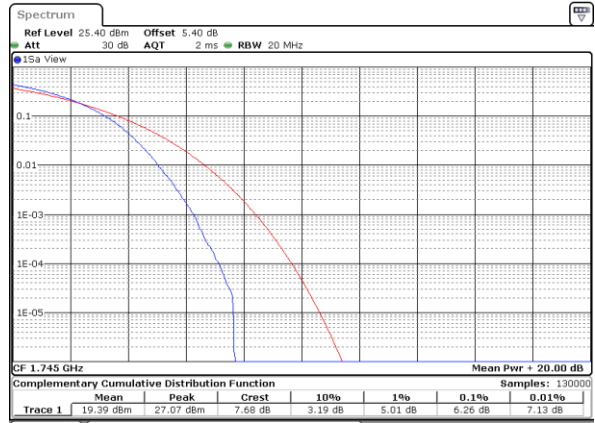
Date: 11 JUN 2020 08:15:59

Middle Channel / 1RB



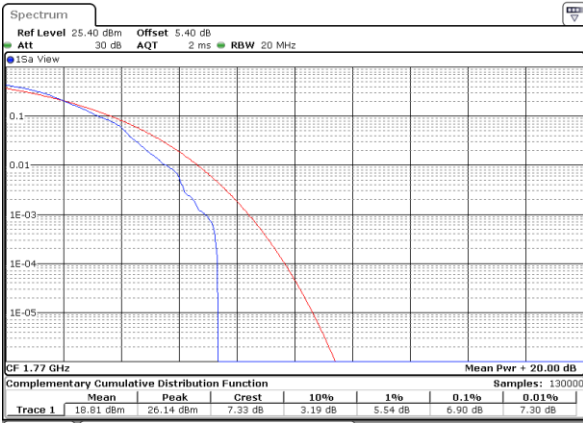
Date: 11 JUN 2020 08:07:28

Middle Channel / Full RB



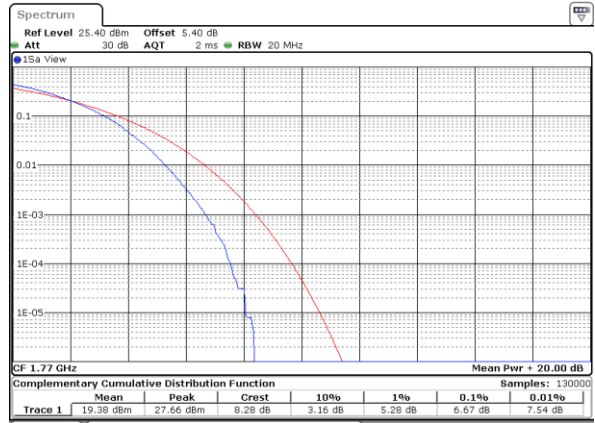
Date: 11 JUN 2020 08:04:33

Highest Channel / 1RB



Date: 11 JUN 2020 08:23:16

Highest Channel / Full RB



Date: 11 JUN 2020 08:22:07





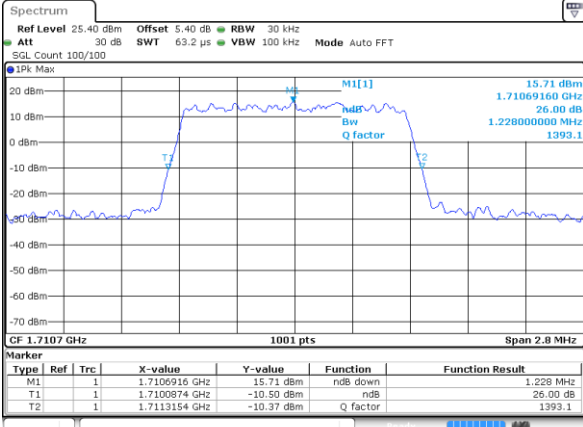
**26dB Bandwidth**

| 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  | 1.23                       | 1.24  | 3.01  | 3.08  | 4.98  | 4.83  | 9.65  | 9.91  | 14.24 | 14.57 | 20.14 | 20.26 |
| Middle CH  | 1.24                       | 1.23  | 3.03  | 3.05  | 4.86  | 4.83  | 9.71  | 9.79  | 14.15 | 14.48 | 20.22 | 20.02 |
| Highest CH | 1.21                       | 1.22  | 2.99  | 3.07  | 4.94  | 4.87  | 9.71  | 9.93  | 14.42 | 14.24 | 20.02 | 20.06 |
| Mode       | LTE Band 66 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                      |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | 1.24                       |       | 3.05  |       | 4.88  |       | 9.69  |       | 14.42 |       | 20.18 |       |
| Middle CH  | 1.24                       |       | 3.06  |       | 4.85  |       | 9.73  |       | 14.30 |       | 20.46 |       |
| Highest CH | 1.22                       |       | 3.04  |       | 4.88  |       | 9.89  |       | 14.51 |       | 20.14 |       |



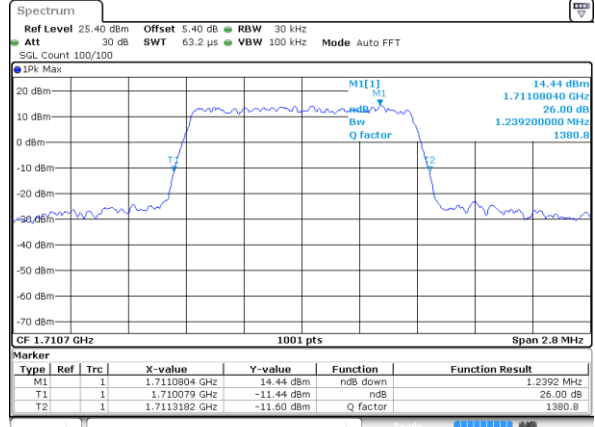
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



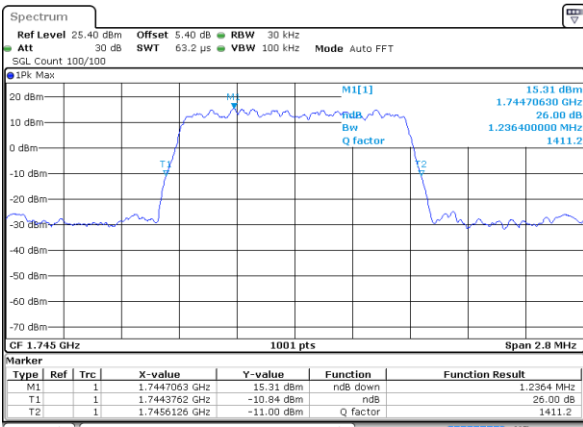
Date: 12 JUN 2020 08 07 00

Lowest Channel / 1.4MHz / 16QAM



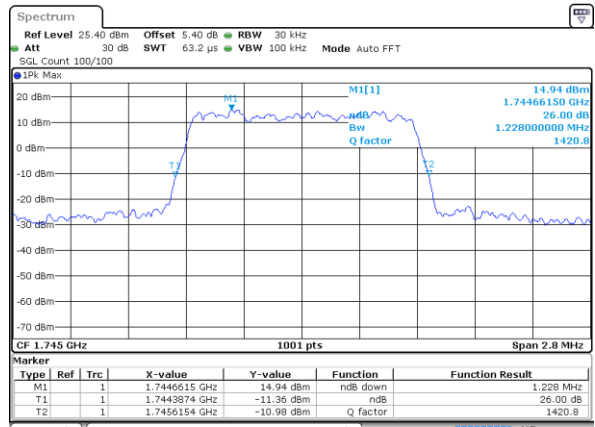
Date: 12 JUN 2020 08 09 46

Middle Channel / 1.4MHz / QPSK



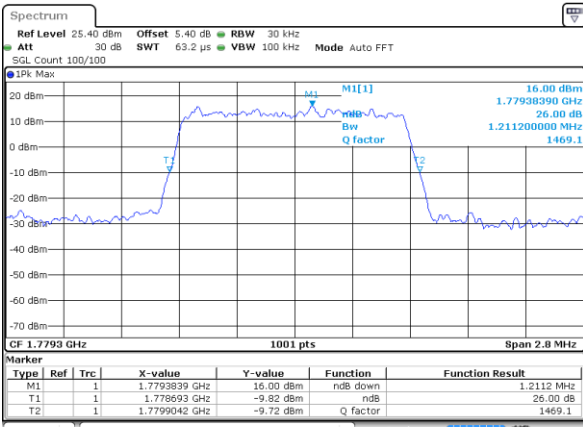
Date: 12 JUN 2020 08 06 41

Middle Channel / 1.4MHz / 16QAM



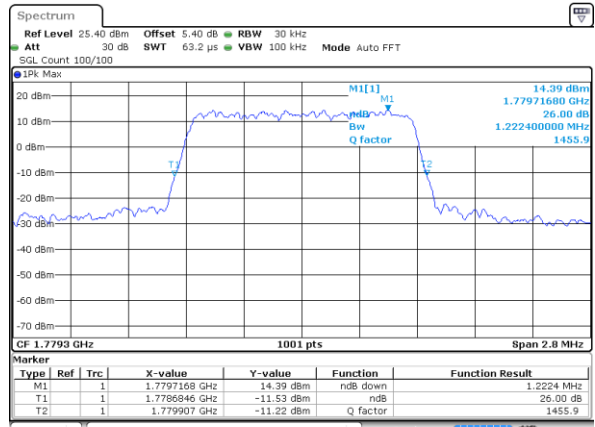
Date: 12 JUN 2020 08 06 24

Highest Channel / 1.4MHz / QPSK



Date: 12 JUN 2020 08 28 14

Highest Channel / 1.4MHz / 16QAM

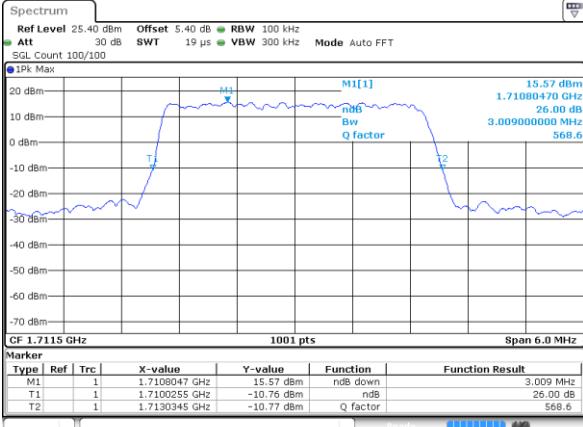


Date: 12 JUN 2020 08 31 12



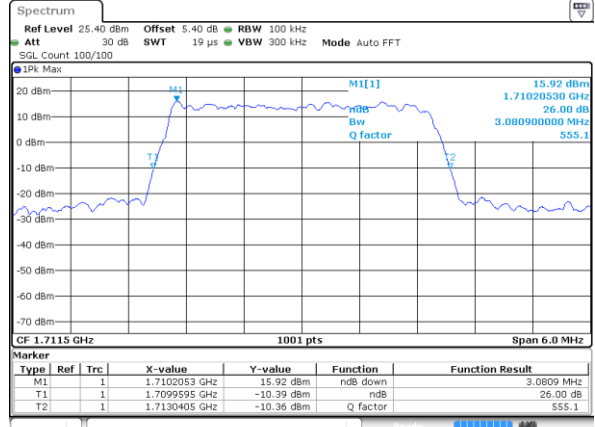
LTE Band 66

Lowest Channel / 3MHz / QPSK



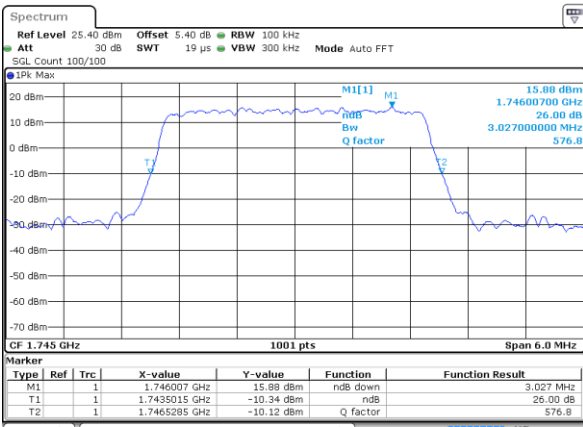
Date: 11 JUN 2020 09:22:51

Lowest Channel / 3MHz / 16QAM



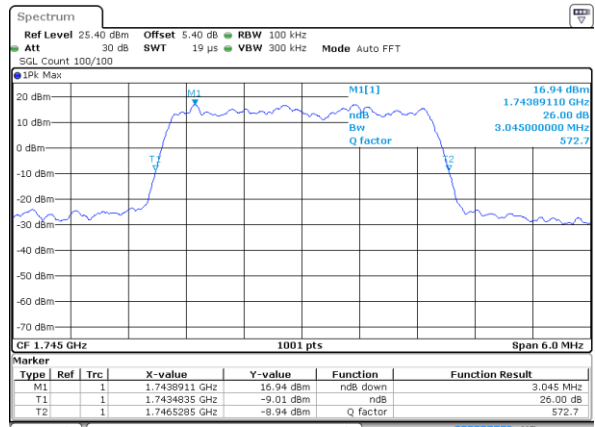
Date: 11 JUN 2020 09:22:02

Middle Channel / 3MHz / QPSK



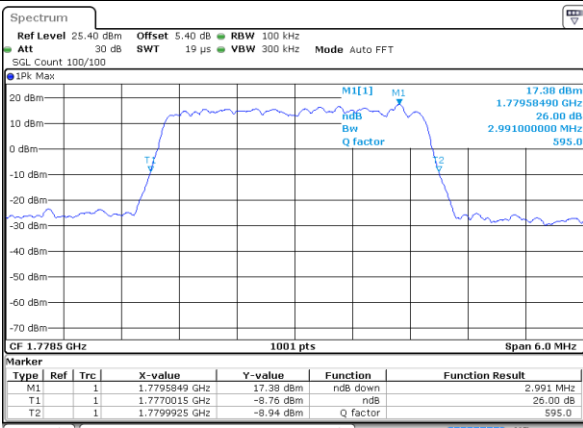
Date: 11 JUN 2020 08:35:03

Middle Channel / 3MHz / 16QAM



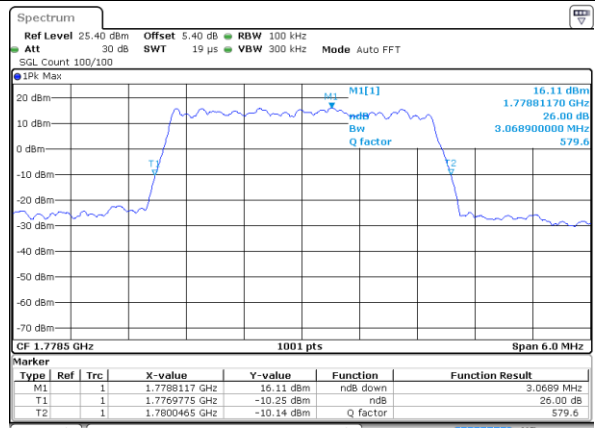
Date: 11 JUN 2020 08:35:50

Highest Channel / 3MHz / QPSK



Date: 11 JUN 2020 09:23:56

Highest Channel / 3MHz / 16QAM

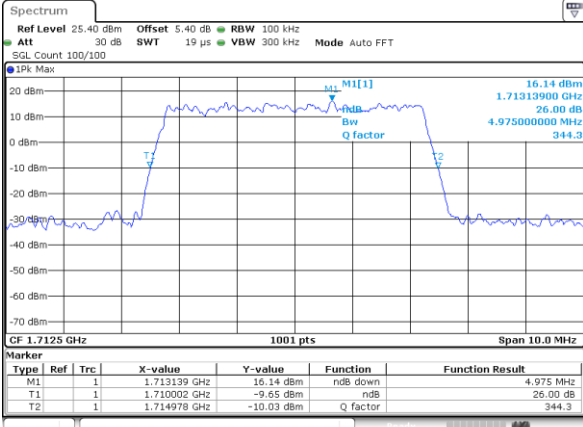


Date: 11 JUN 2020 09:24:48



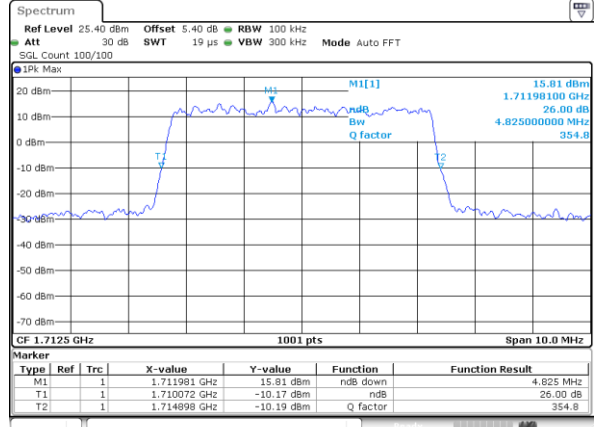
LTE Band 66

Lowest Channel / 5MHz / QPSK



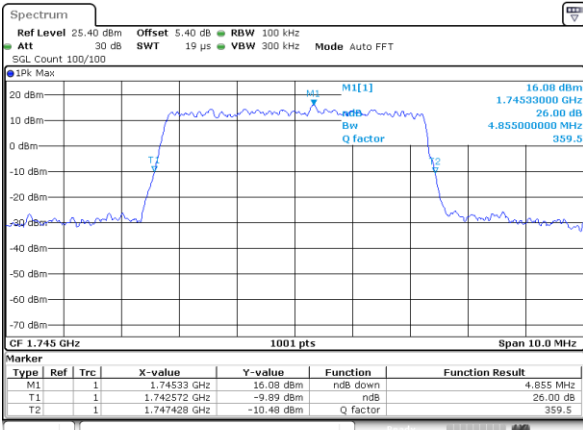
Date: 11 JUN 2020 05:34:28

Lowest Channel / 5MHz / 16QAM



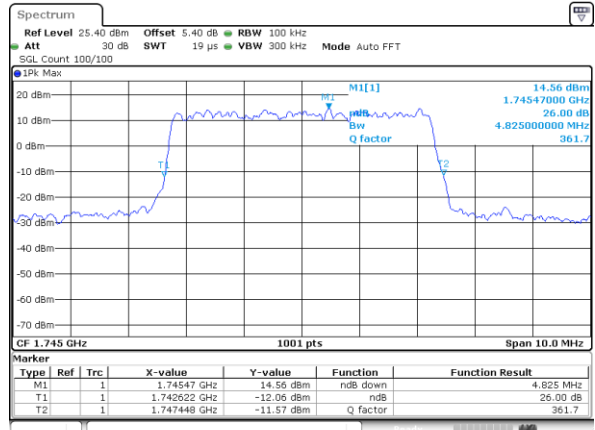
Date: 11 JUN 2020 05:33:28

Middle Channel / 5MHz / QPSK



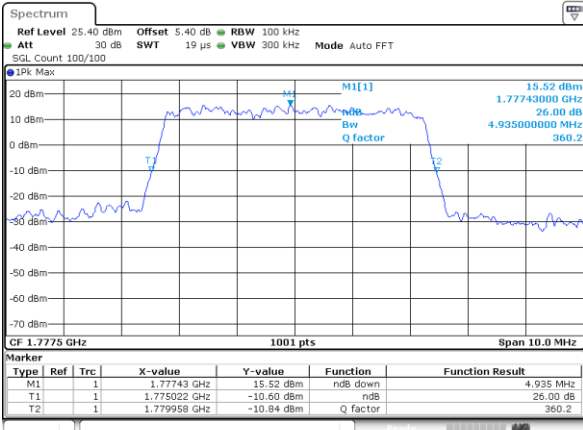
Date: 11 JUN 2020 05:05:08

Middle Channel / 5MHz / 16QAM



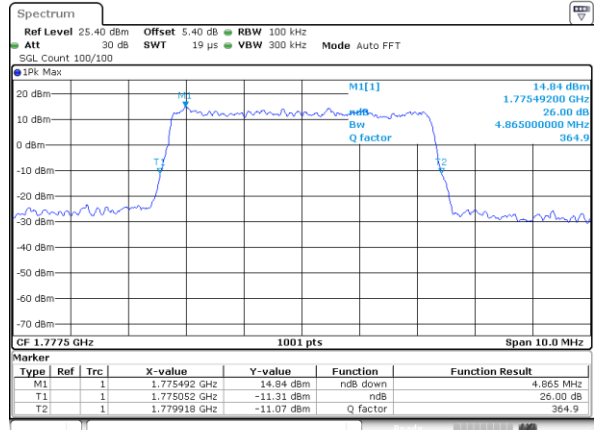
Date: 11 JUN 2020 05:05:47

Highest Channel / 5MHz / QPSK



Date: 11 JUN 2020 05:35:56

Highest Channel / 5MHz / 16QAM

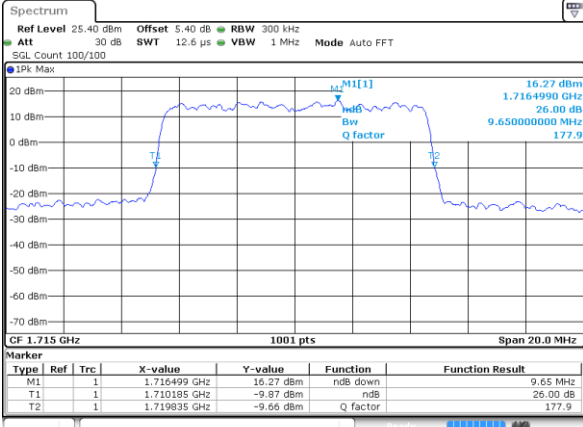


Date: 11 JUN 2020 05:36:55



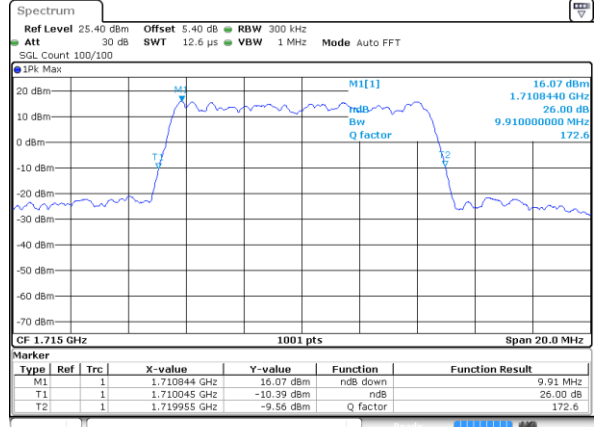
LTE Band 66

Lowest Channel / 10MHz / QPSK



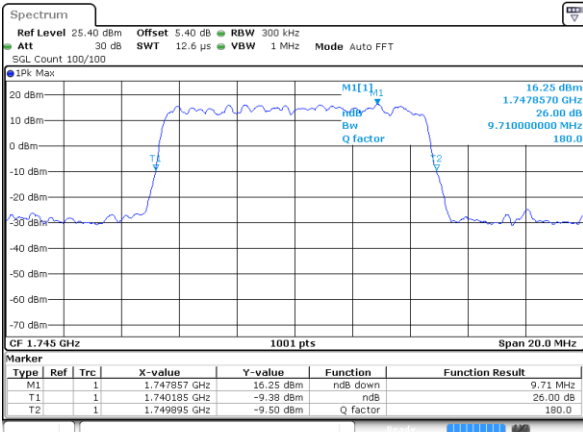
Date: 11 JUN 2020 07:37:48

Lowest Channel / 10MHz / 16QAM



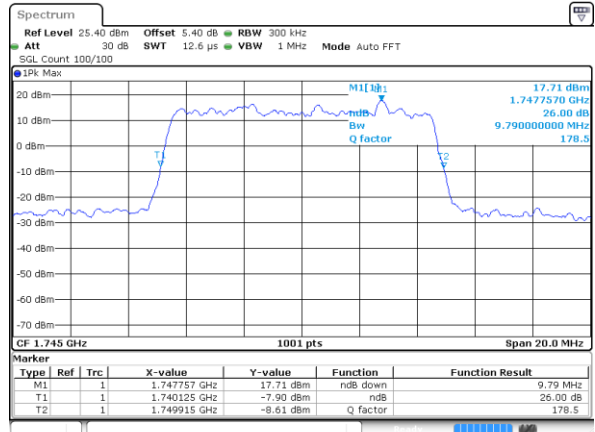
Date: 11 JUN 2020 07:38:20

Middle Channel / 10MHz / QPSK



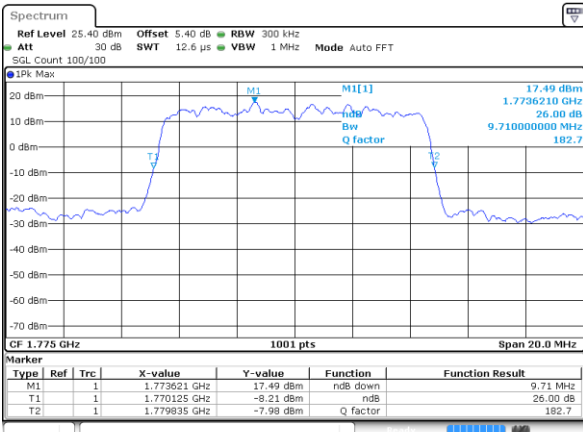
Date: 11 JUN 2020 07:22:44

Middle Channel / 10MHz / 16QAM



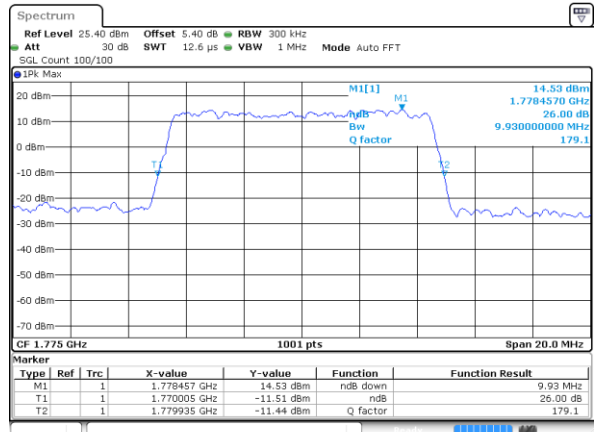
Date: 11 JUN 2020 07:22:18

Highest Channel / 10MHz / QPSK



Date: 11 JUN 2020 07:23:14

Highest Channel / 10MHz / 16QAM

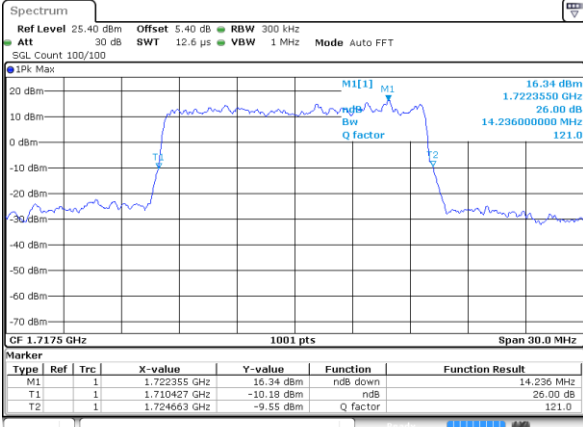


Date: 11 JUN 2020 07:24:15



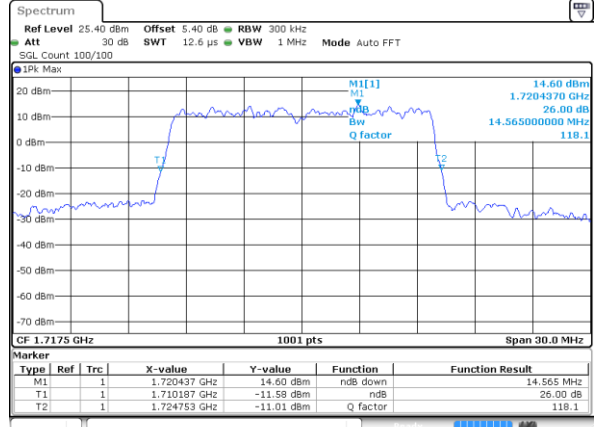
LTE Band 66

Lowest Channel / 15MHz / QPSK



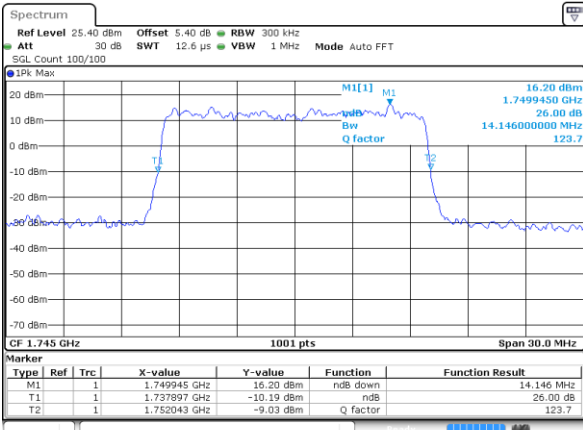
Date: 11 JUN 2020 07:44:02

Lowest Channel / 15MHz / 16QAM



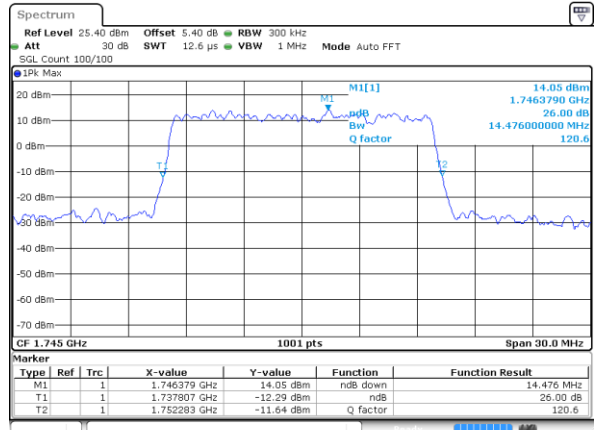
Date: 11 JUN 2020 07:45:20

Middle Channel / 15MHz / QPSK



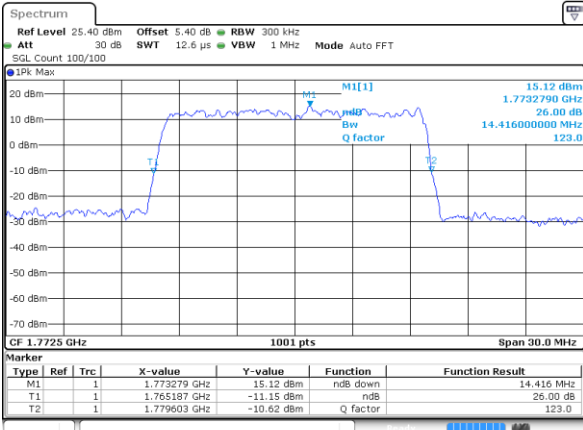
Date: 11 JUN 2020 07:43:40

Middle Channel / 15MHz / 16QAM



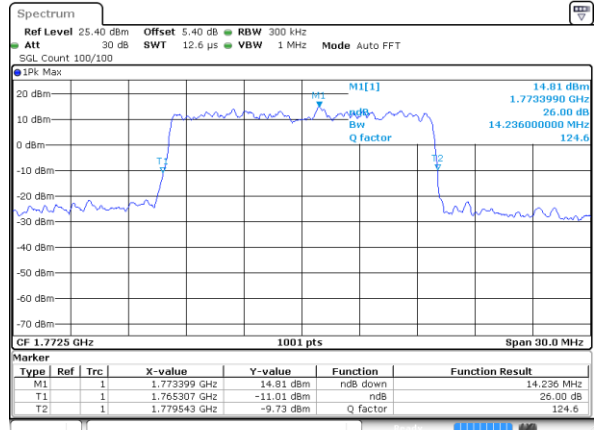
Date: 11 JUN 2020 07:43:18

Highest Channel / 15MHz / QPSK



Date: 11 JUN 2020 07:59:25

Highest Channel / 15MHz / 16QAM

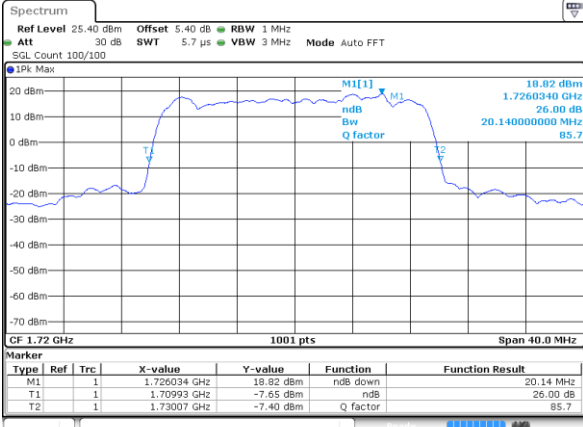


Date: 11 JUN 2020 08:00:37



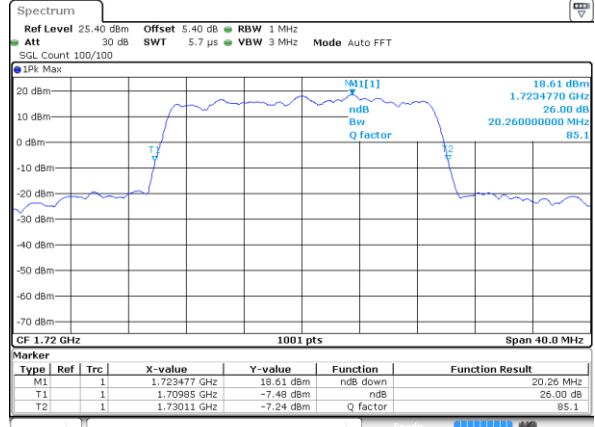
LTE Band 66

Lowest Channel / 20MHz / QPSK



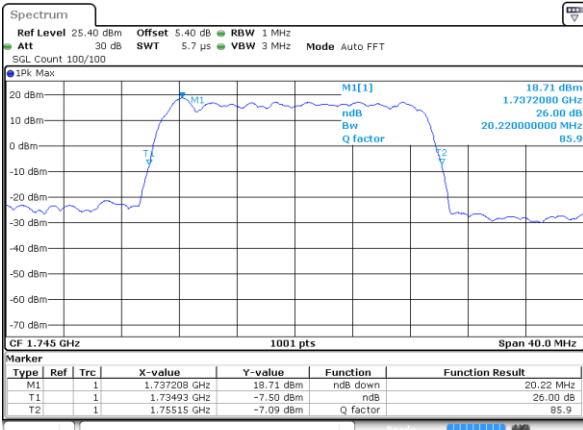
Date: 11 JUN 2020 08:19:15

Lowest Channel / 20MHz / 16QAM



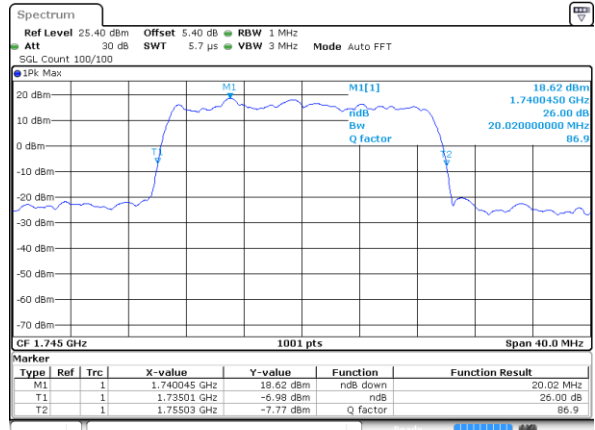
Date: 11 JUN 2020 08:18:39

Middle Channel / 20MHz / QPSK



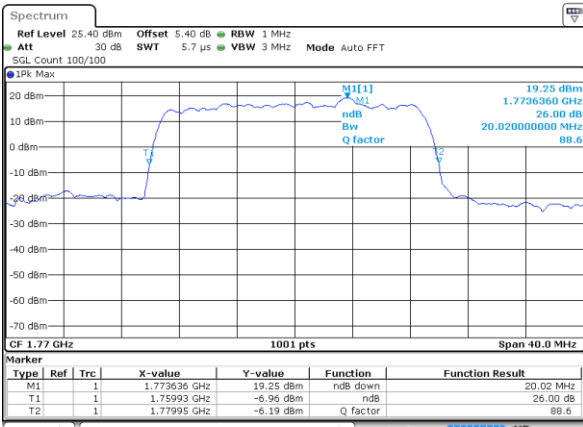
Date: 11 JUN 2020 08:06:03

Middle Channel / 20MHz / 16QAM



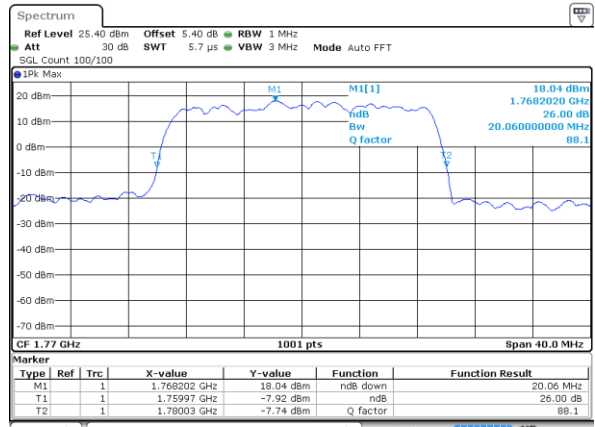
Date: 11 JUN 2020 08:05:36

Highest Channel / 20MHz / QPSK



Date: 11 JUN 2020 08:20:02

Highest Channel / 20MHz / 16QAM

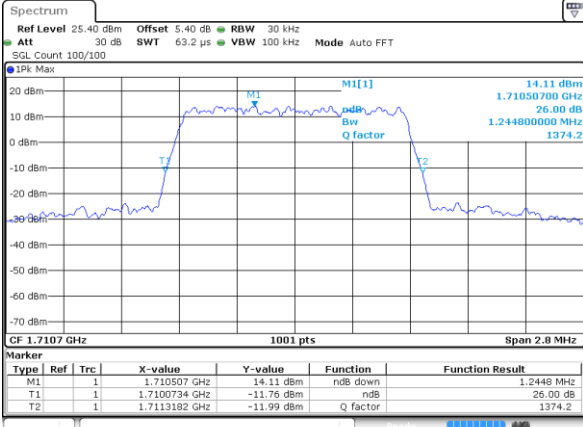


Date: 11 JUN 2020 08:20:45



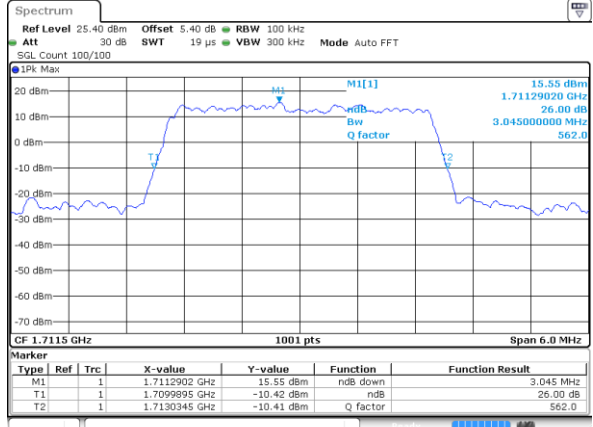
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



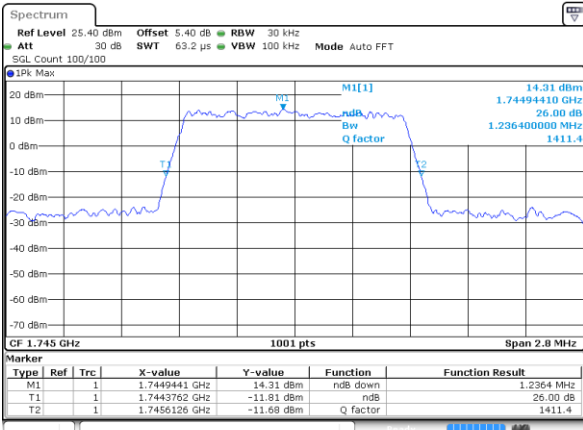
Date: 12 JUN 2020 08:11:40

Lowest Channel / 3MHz / 64QAM



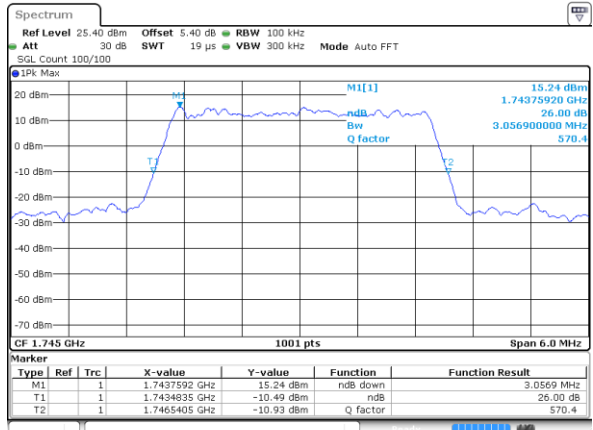
Date: 11 JUN 2020 09:21:10

Middle Channel / 20MHz / 64QAM



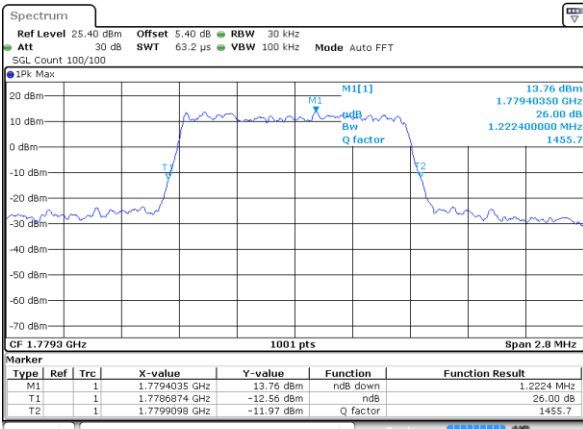
Date: 12 JUN 2020 08:06:07

Middle Channel / 3MHz / 64QAM



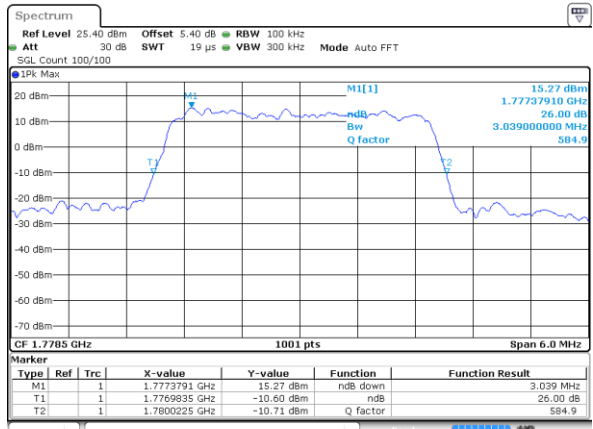
Date: 11 JUN 2020 08:36:36

Highest Channel / 20MHz / 64QAM



Date: 12 JUN 2020 08:31:38

Highest Channel / 3MHz / 64QAM



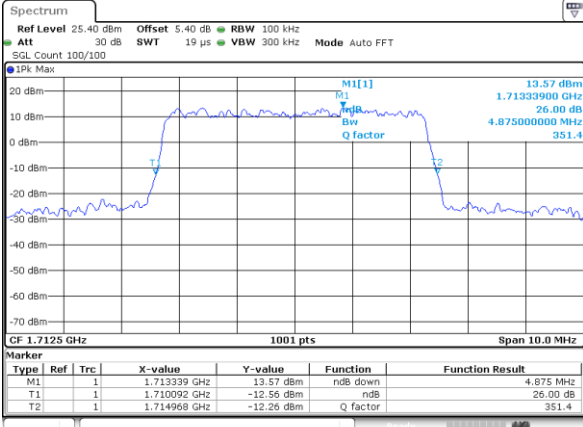
Date: 11 JUN 2020 09:25:42





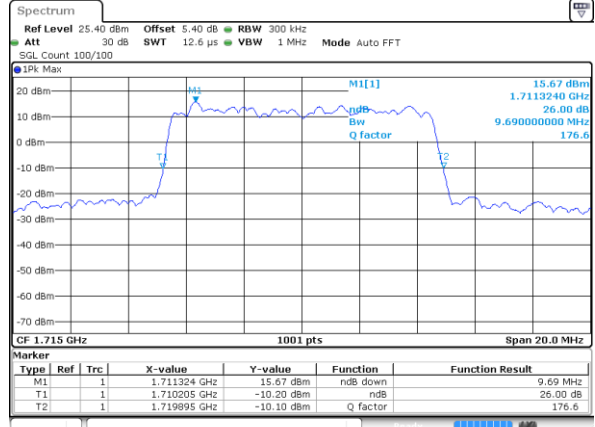
LTE Band 66

Lowest Channel / 5MHz / 64QAM



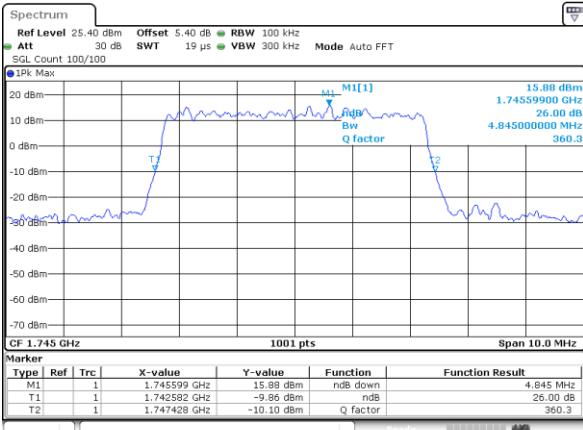
Date: 11 JUN 2020 05:33:03

Lowest Channel / 10MHz / 64QAM



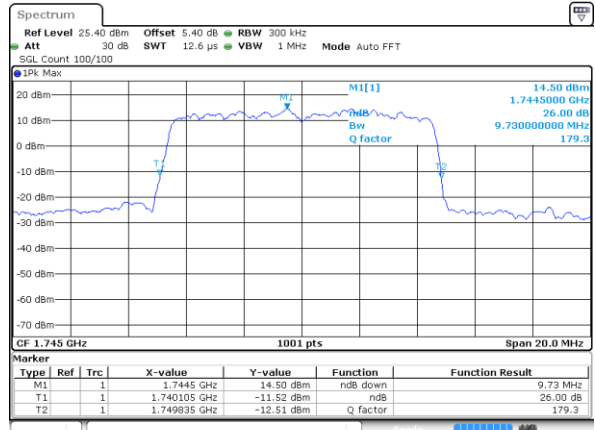
Date: 11 JUN 2020 07:39:56

Middle Channel / 5MHz / 64QAM



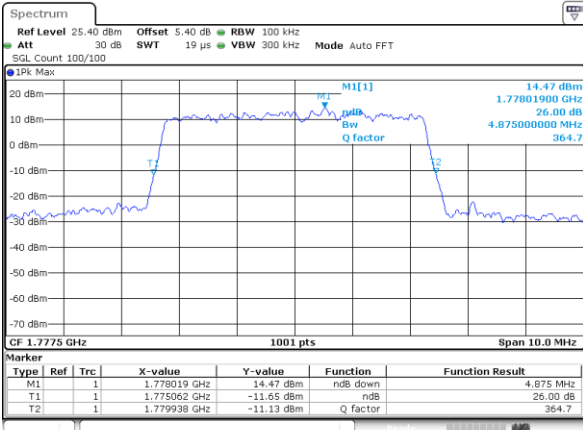
Date: 11 JUN 2020 05:07:00

Middle Channel / 10MHz / 64QAM



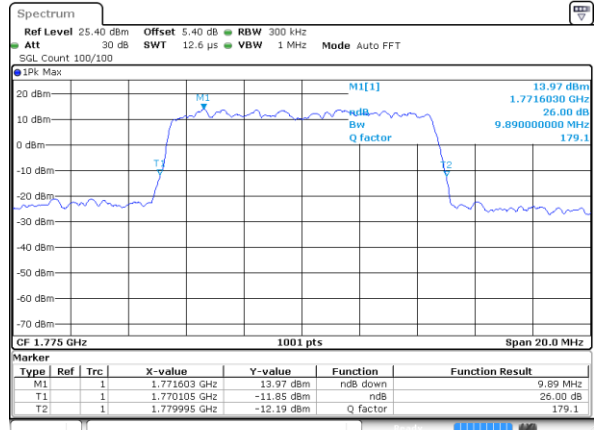
Date: 11 JUN 2020 07:21:54

Highest Channel / 5MHz / 64QAM



Date: 11 JUN 2020 05:37:53

Highest Channel / 10MHz / 64QAM

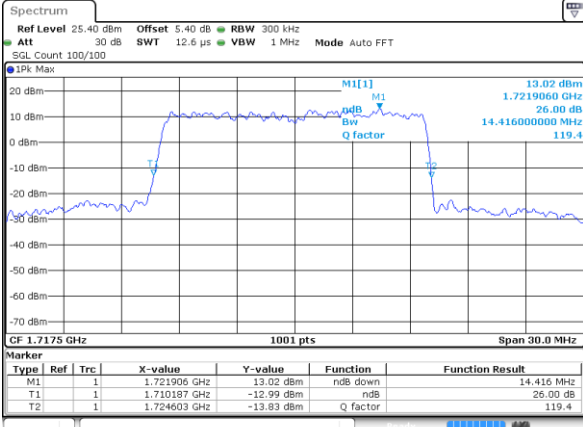


Date: 11 JUN 2020 07:25:58



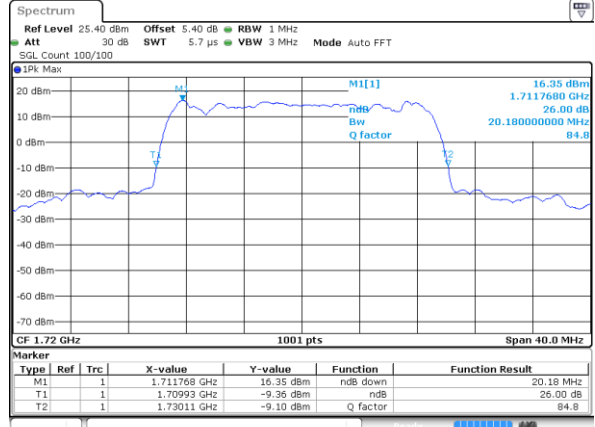
LTE Band 66

Lowest Channel / 15MHz / 64QAM



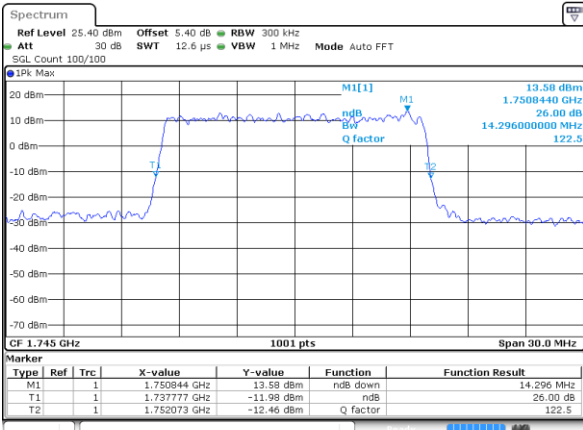
Date: 11 JUN 2020 07:47:15

Lowest Channel / 20MHz / 64QAM



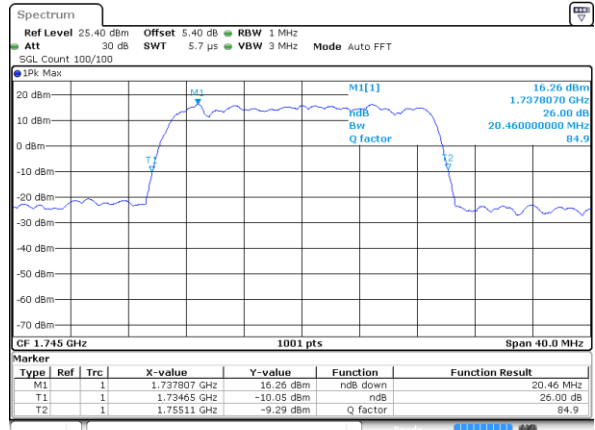
Date: 11 JUN 2020 08:16:29

Middle Channel / 15MHz / 64QAM



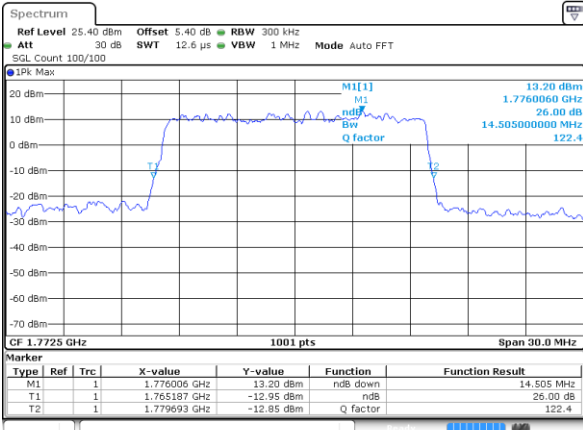
Date: 11 JUN 2020 07:43:07

Middle Channel / 20MHz / 64QAM



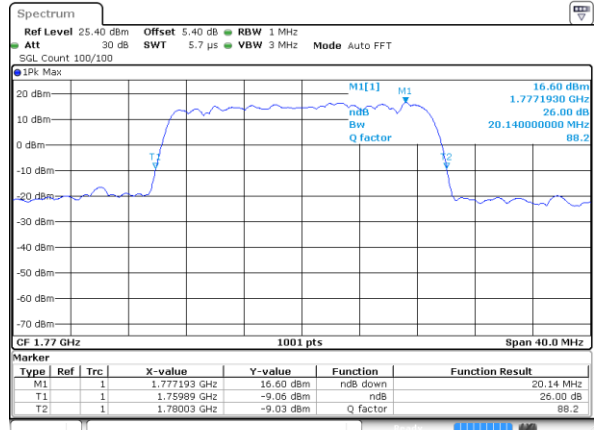
Date: 11 JUN 2020 08:05:10

Highest Channel / 15MHz / 64QAM



Date: 11 JUN 2020 08:02:11

Highest Channel / 20MHz / 64QAM



Date: 11 JUN 2020 08:22:22



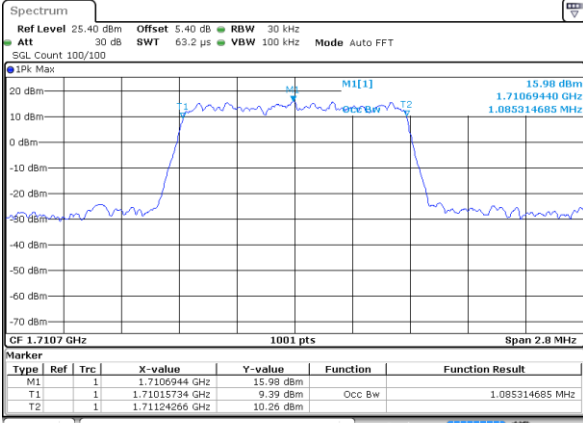
### Occupied Bandwidth

| 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  | 1.09                      | 1.09  | 2.72  | 2.73  | 4.48  | 4.50  | 9.09  | 9.05  | 13.43 | 13.37 | 18.38 | 18.26 |
| Middle CH  | 1.09                      | 1.09  | 2.70  | 2.71  | 4.49  | 4.50  | 9.07  | 8.99  | 13.43 | 13.52 | 18.34 | 18.18 |
| Highest CH | 1.09                      | 1.09  | 2.71  | 2.72  | 4.48  | 4.46  | 9.05  | 8.99  | 13.40 | 13.46 | 18.34 | 18.54 |
| 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                      |       | 2.73  |       | 4.49  |       | 9.01  |       | 13.37 |       | 18.50 |       |
| Middle CH  | 1.10                      |       | 2.71  |       | 4.50  |       | 9.03  |       | 13.49 |       | 18.26 |       |
| Highest CH | 1.09                      |       | 2.73  |       | 4.49  |       | 9.01  |       | 13.40 |       | 18.34 |       |



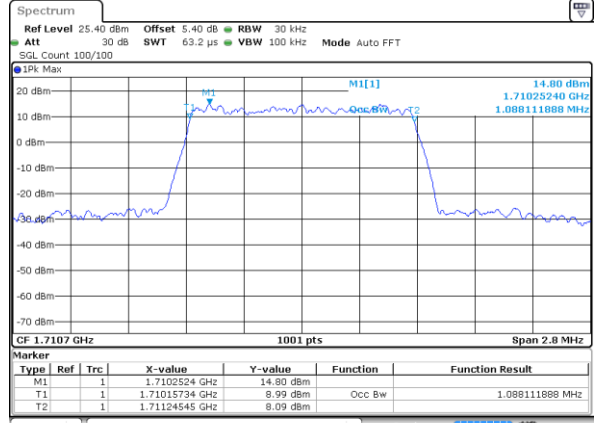
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



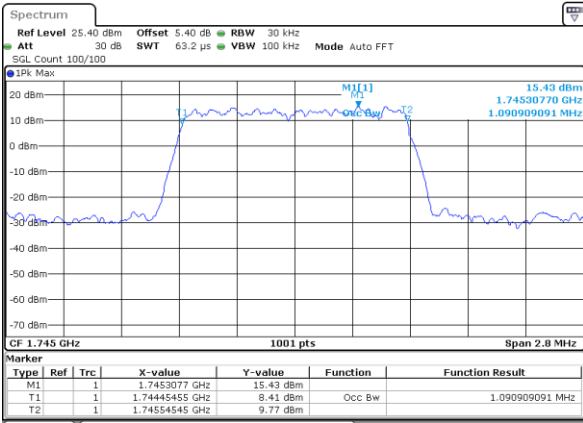
Date: 12 JUN 2020 08 06 55

Lowest Channel / 1.4MHz / 16QAM



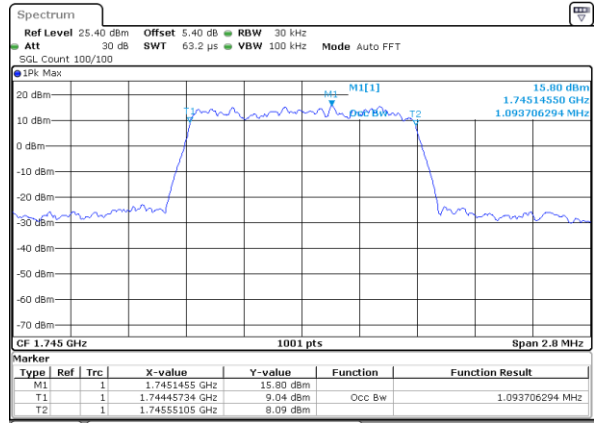
Date: 12 JUN 2020 08 09 53

Middle Channel / 1.4MHz / QPSK



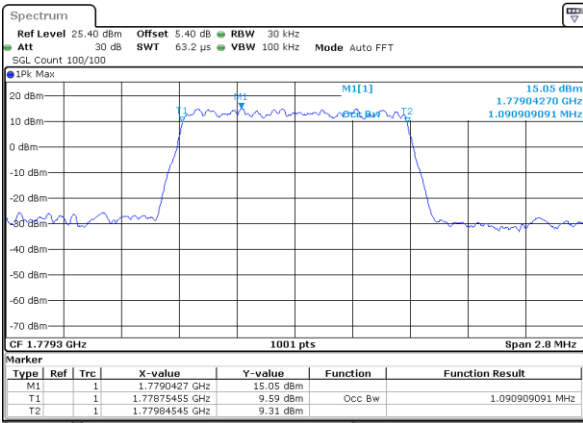
Date: 12 JUN 2020 08 06 35

Middle Channel / 1.4MHz / 16QAM



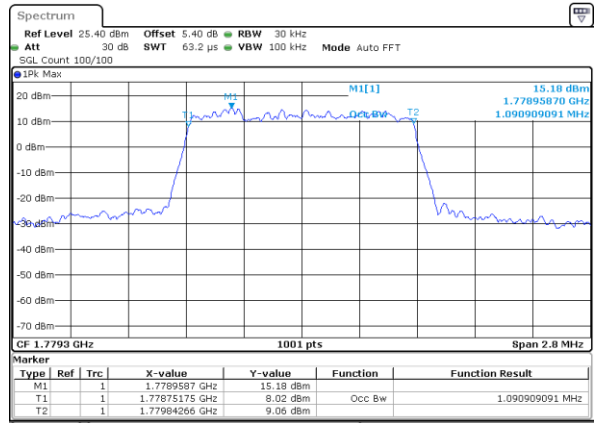
Date: 12 JUN 2020 08 06 18

Highest Channel / 1.4MHz / QPSK



Date: 12 JUN 2020 08 28 02

Highest Channel / 1.4MHz / 16QAM



Date: 12 JUN 2020 08 31 18