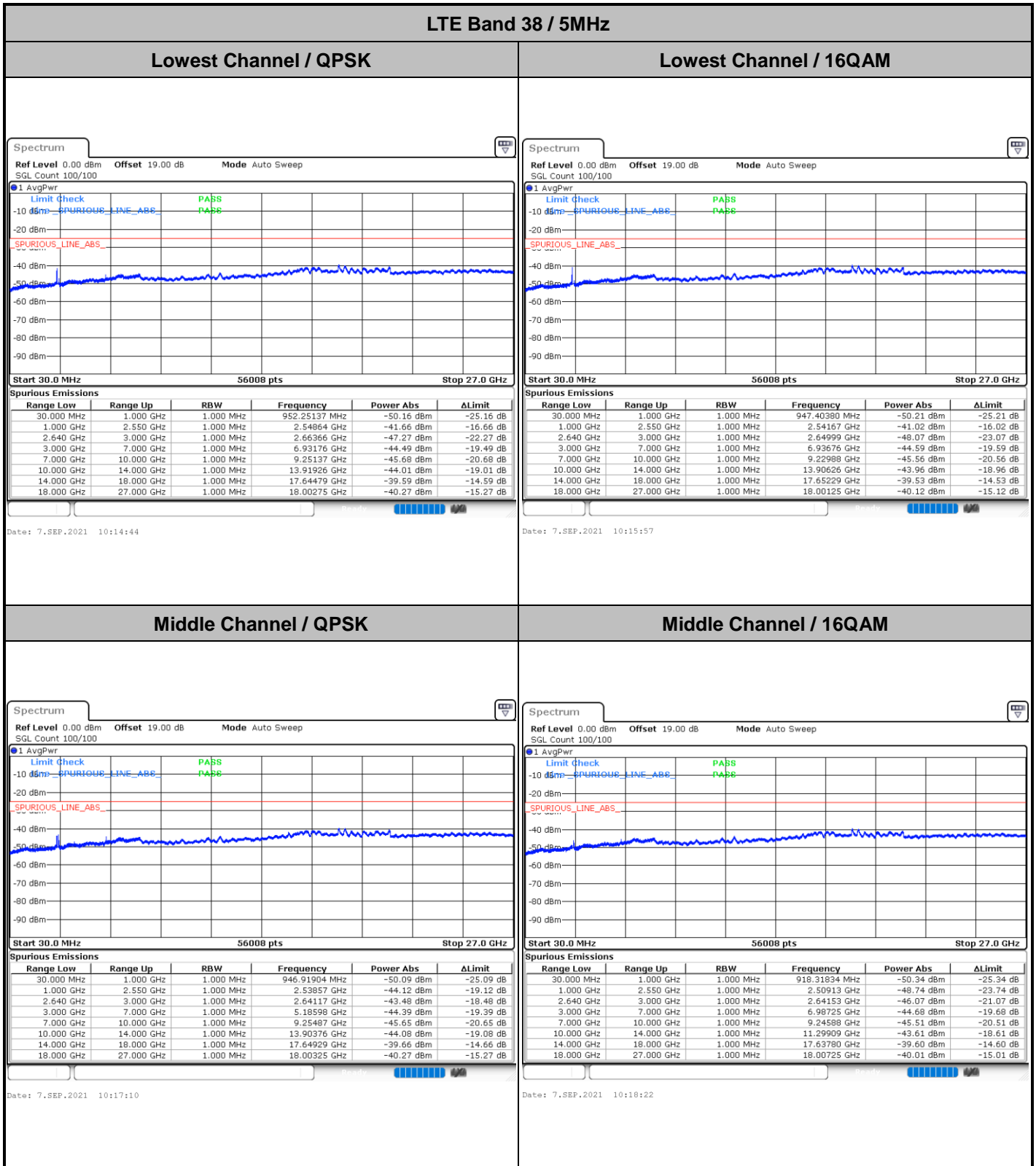




Conducted Spurious Emission

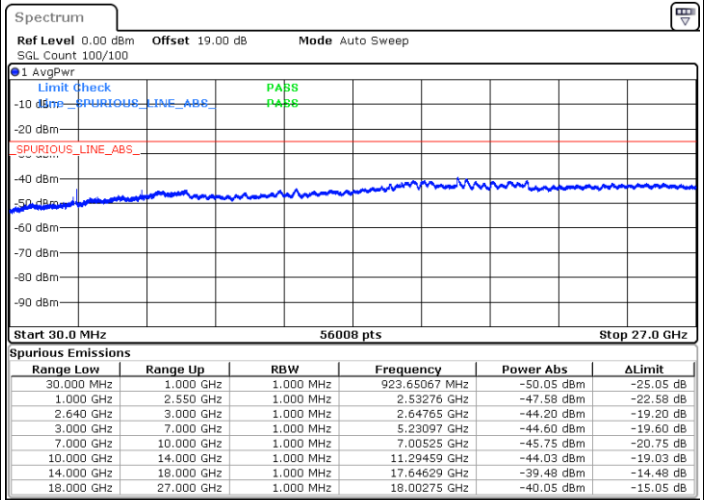
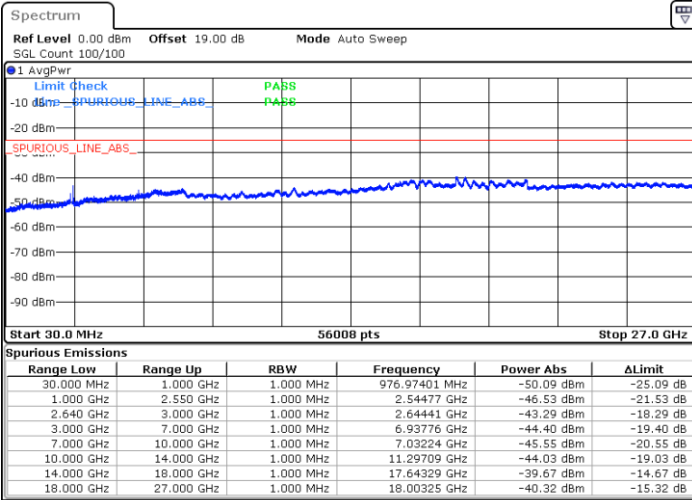




LTE Band 38 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



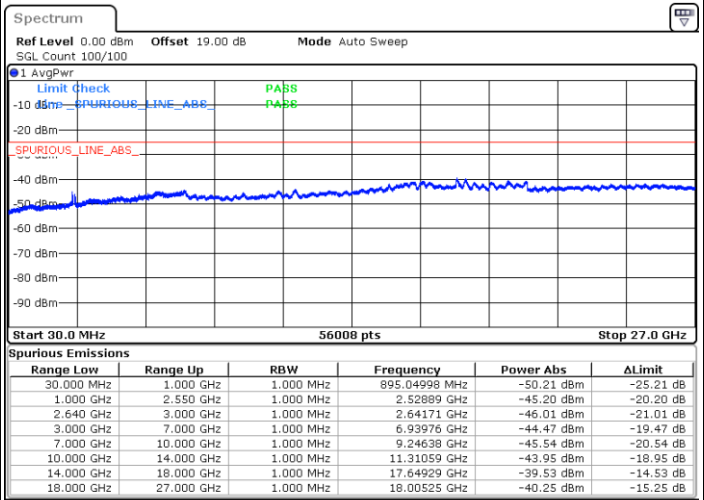
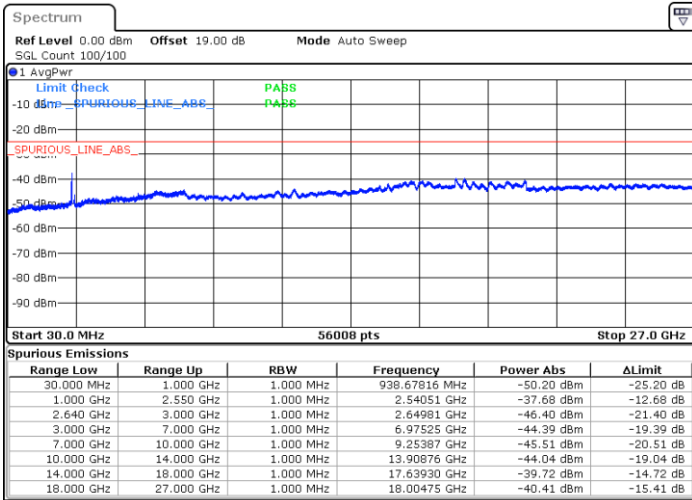
Date: 7_SEP.2021 10:19:35

Date: 7_SEP.2021 10:20:48

LTE Band 38 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 7_SEP.2021 10:25:40

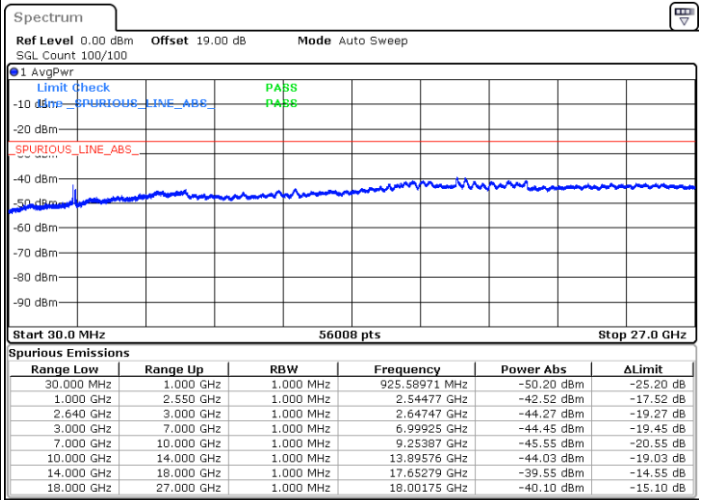
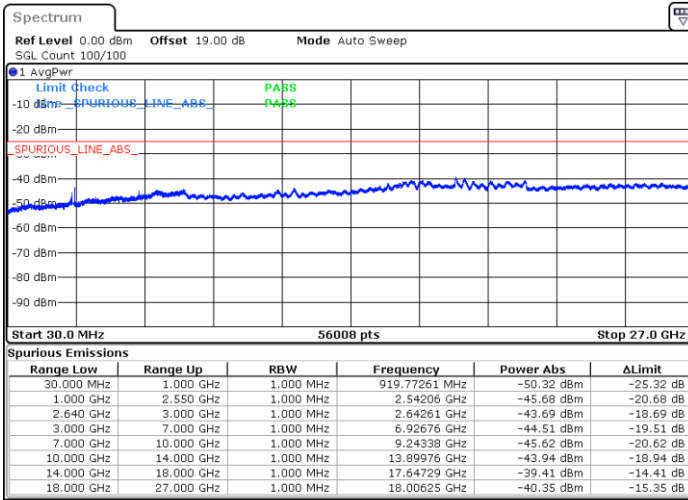
Date: 7_SEP.2021 10:26:53



LTE Band 38 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

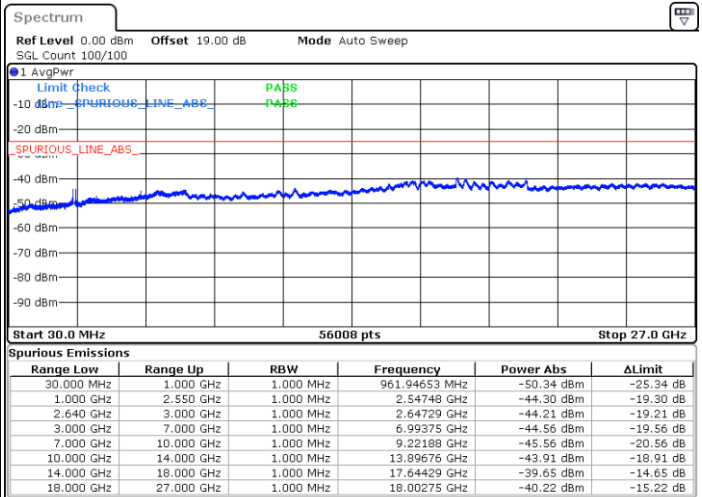
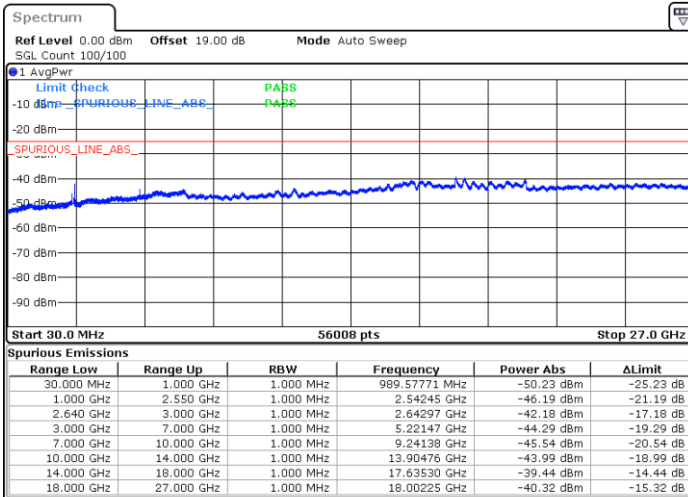


Date: 7.SEP.2021 10:28:06

Date: 7.SEP.2021 10:29:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.SEP.2021 10:30:31

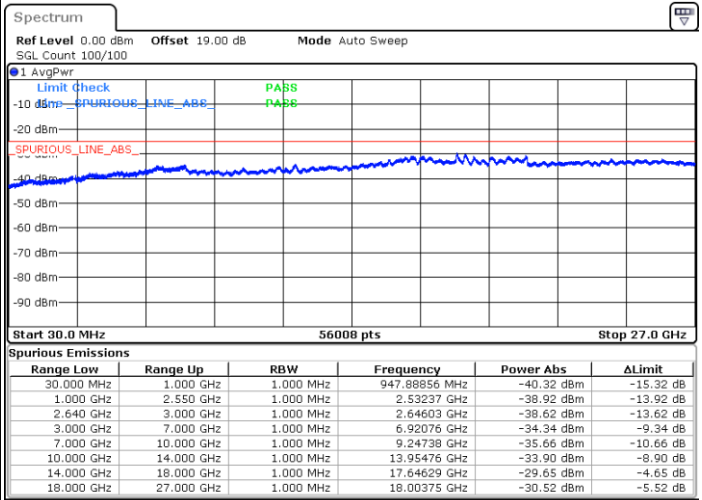
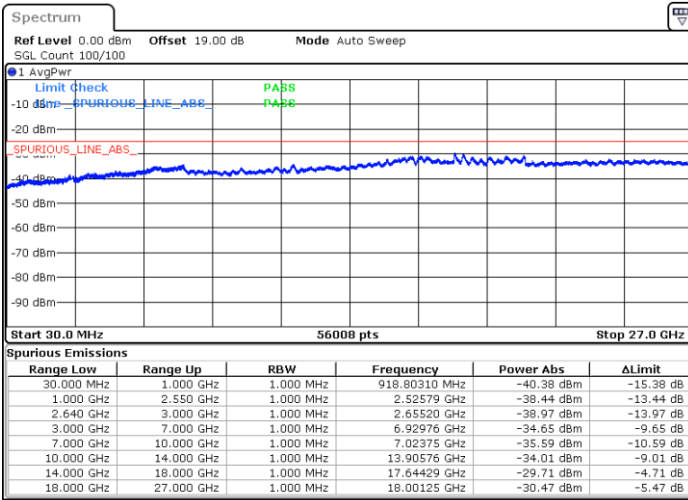
Date: 7.SEP.2021 10:31:44



LTE Band 38 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

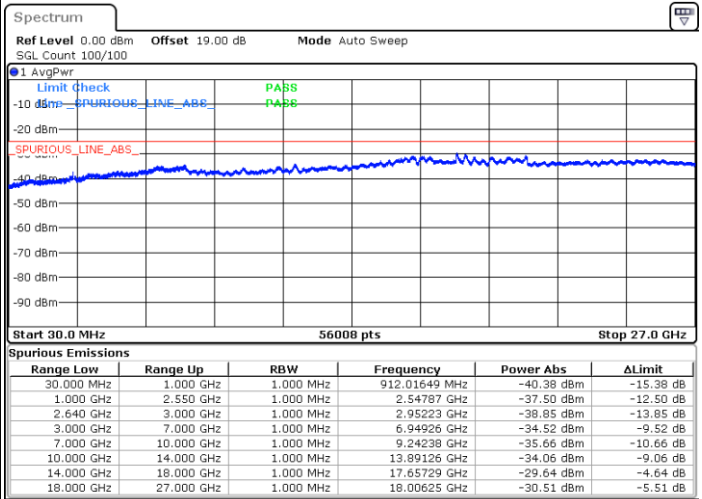
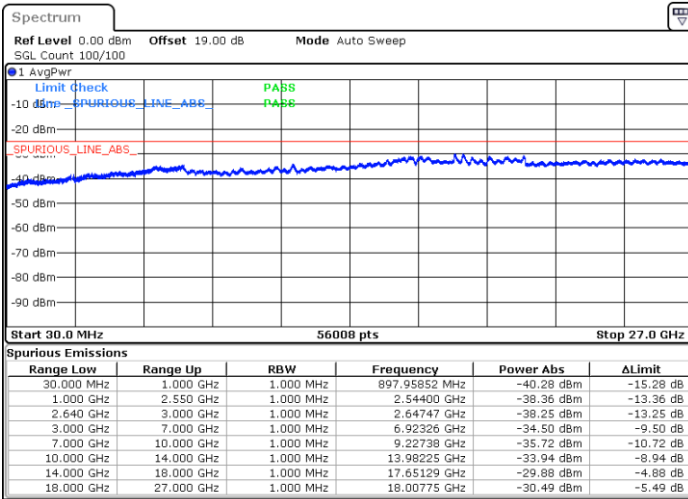


Date: 7.SEP.2021 10:32:57

Date: 7.SEP.2021 10:34:11

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 7.SEP.2021 10:35:23

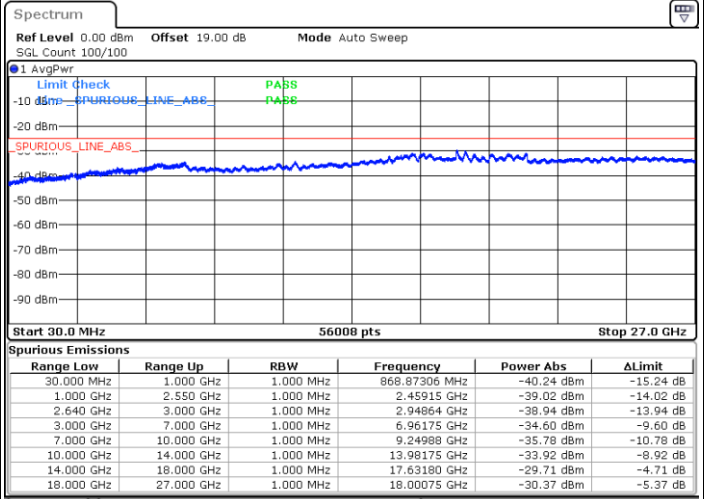
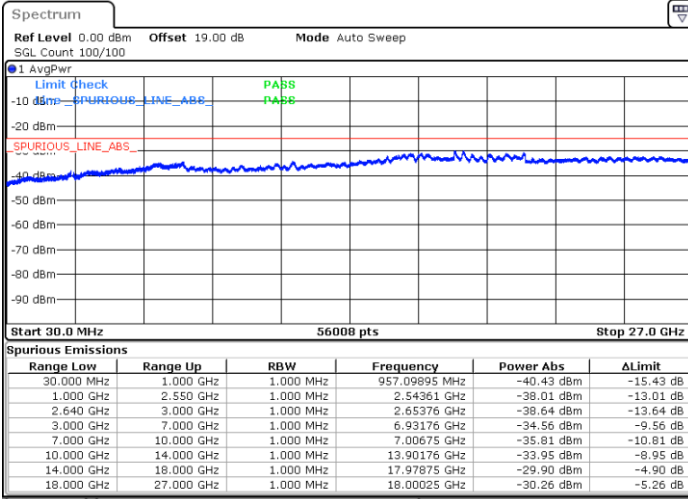
Date: 7.SEP.2021 10:36:35



LTE Band 38 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



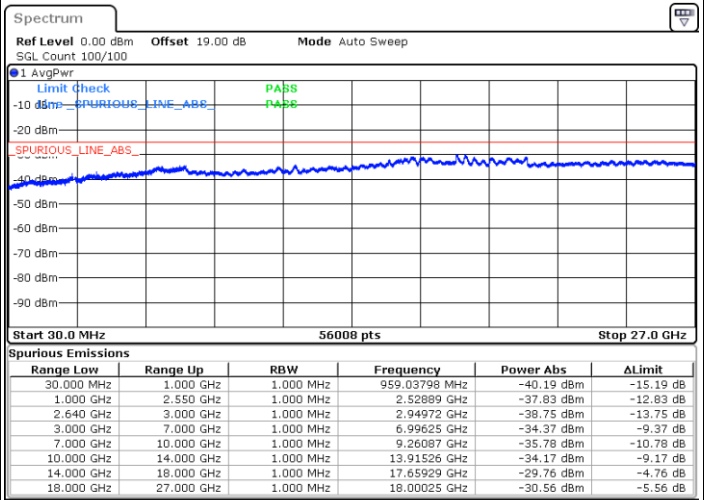
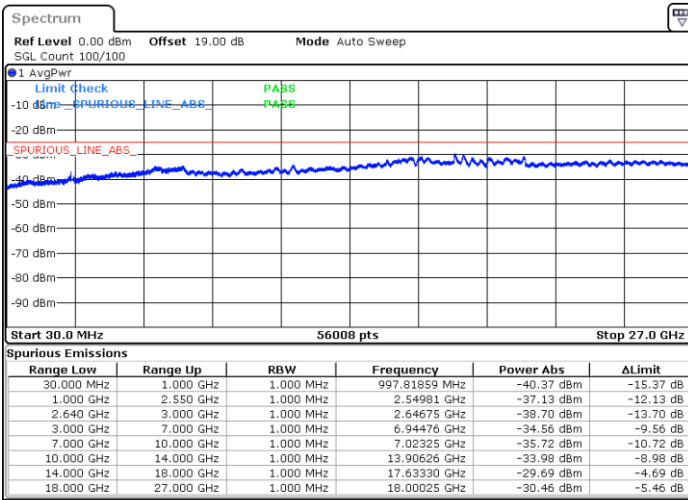
Date: 7.SEP.2021 10:37:48

Date: 7.SEP.2021 10:39:01

LTE Band 38 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 7.SEP.2021 10:43:53

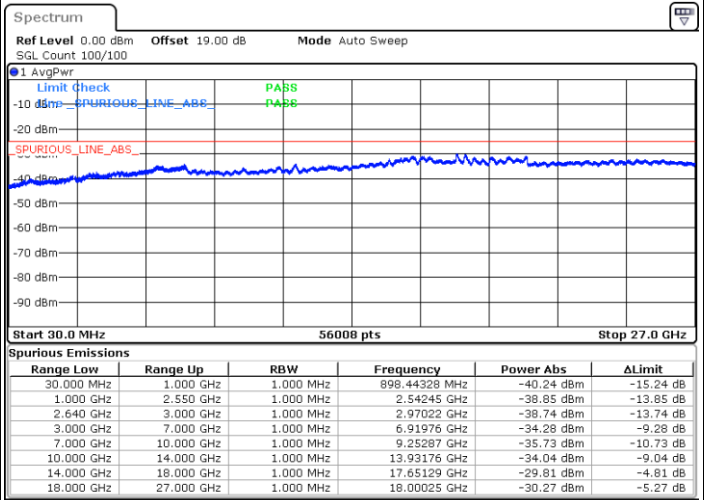
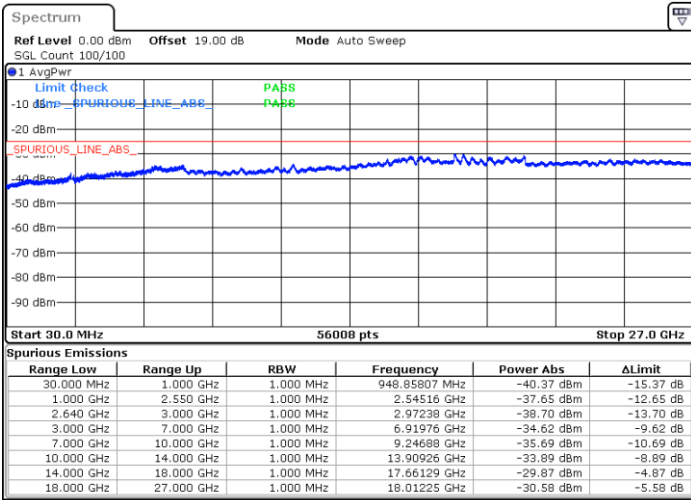
Date: 7.SEP.2021 10:45:06



LTE Band 38 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

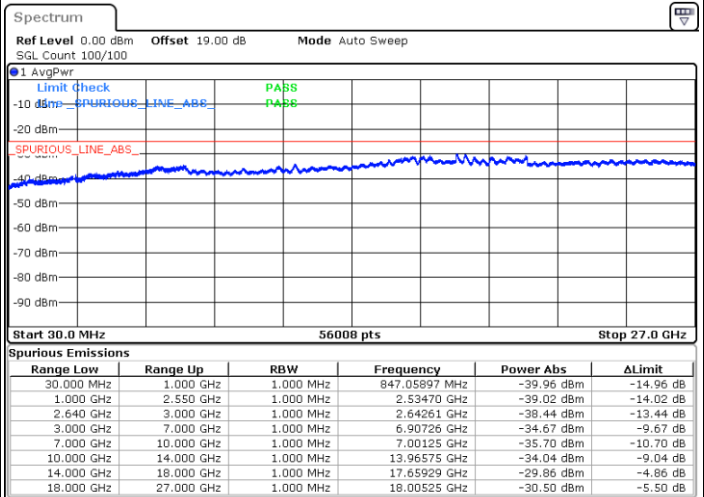
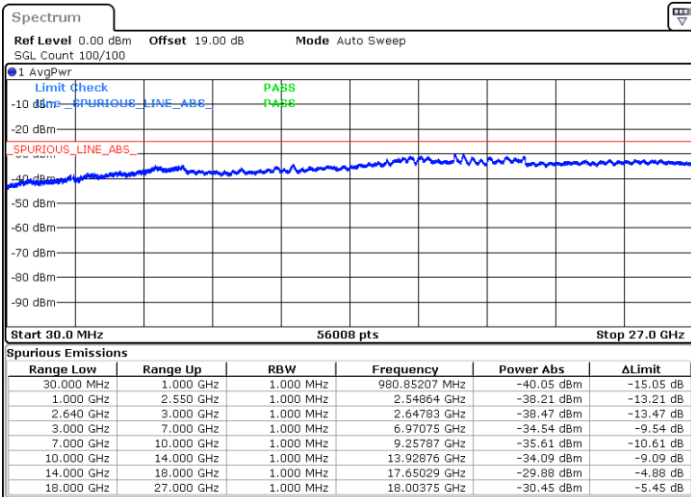


Date: 7.SEP.2021 10:46:18

Date: 7.SEP.2021 10:47:31

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.SEP.2021 10:48:43

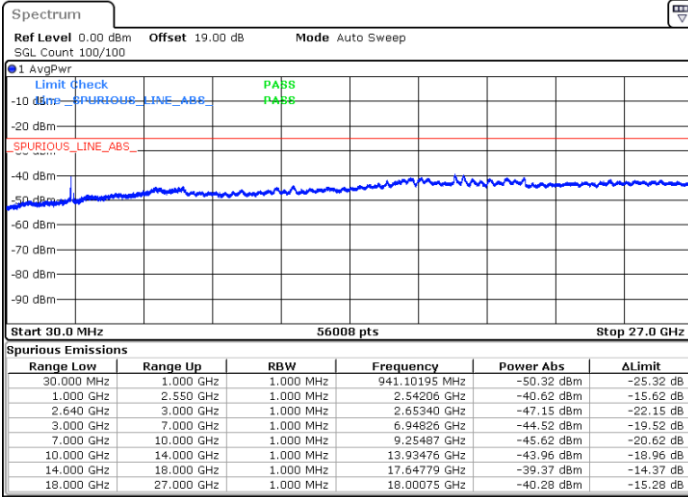
Date: 7.SEP.2021 10:49:56



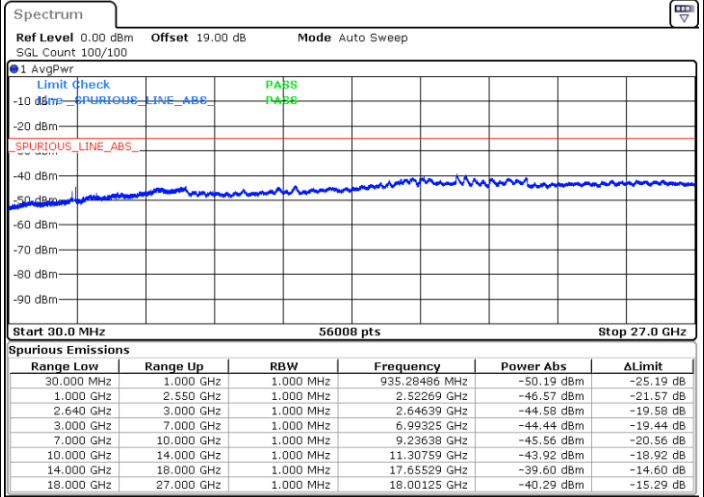
LTE Band 38 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

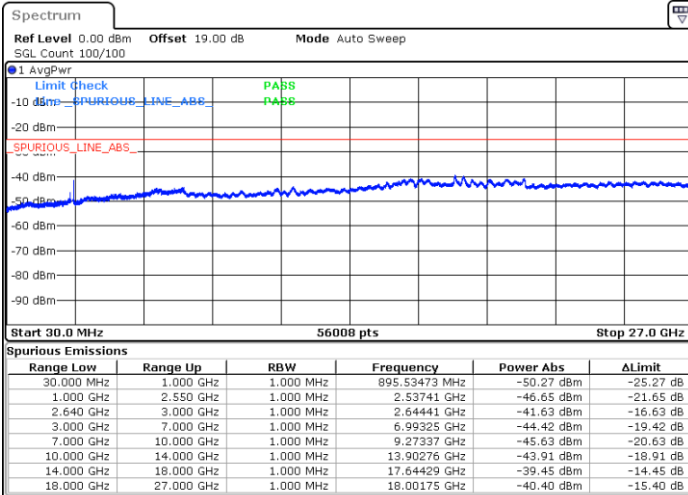


Date: 7.SEP.2021 10:11:06



Date: 7.SEP.2021 10:12:19

Highest Channel / 64QAM



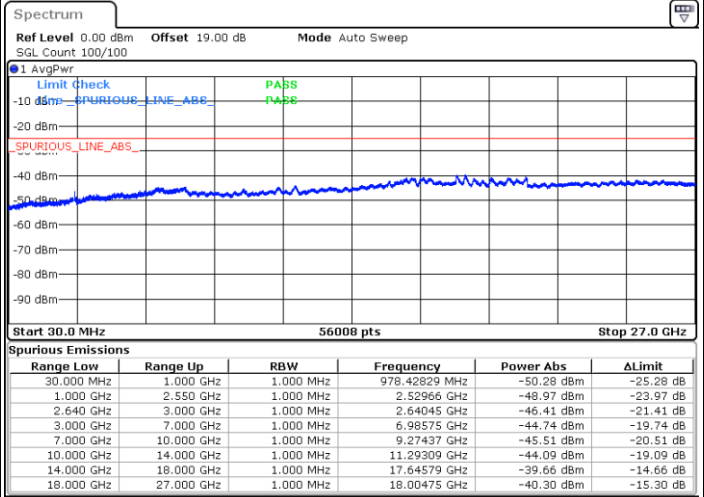
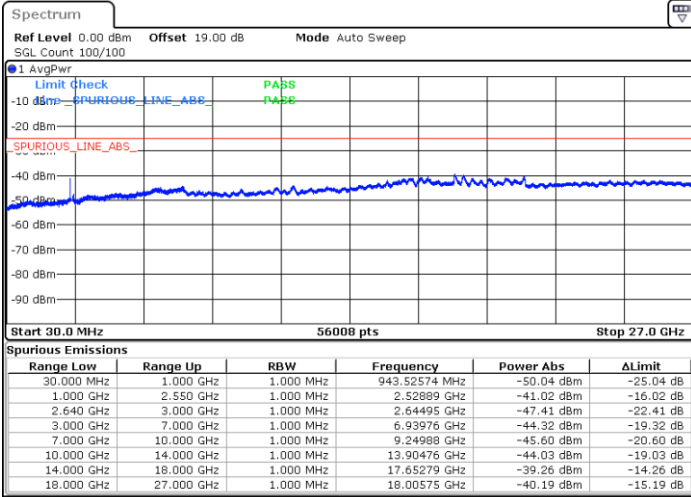
Date: 7.SEP.2021 10:13:31



LTE Band 38 / 10MHz

Lowest Channel / 64QAM

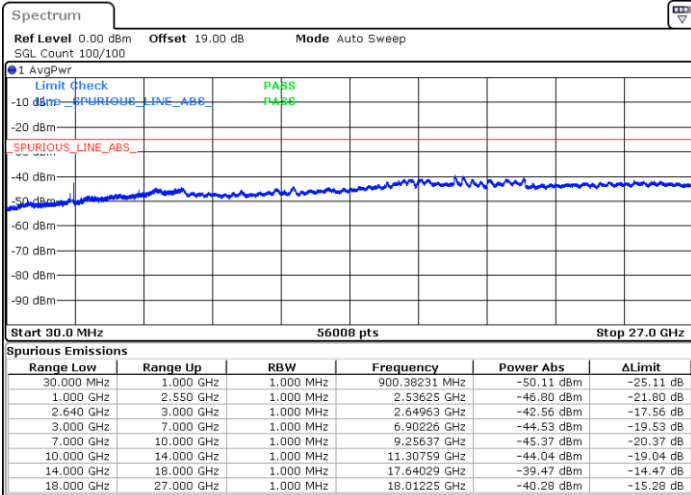
Middle Channel / 64QAM



Date: 7.SEP.2021 10:22:02

Date: 7.SEP.2021 10:23:14

Highest Channel / 64QAM

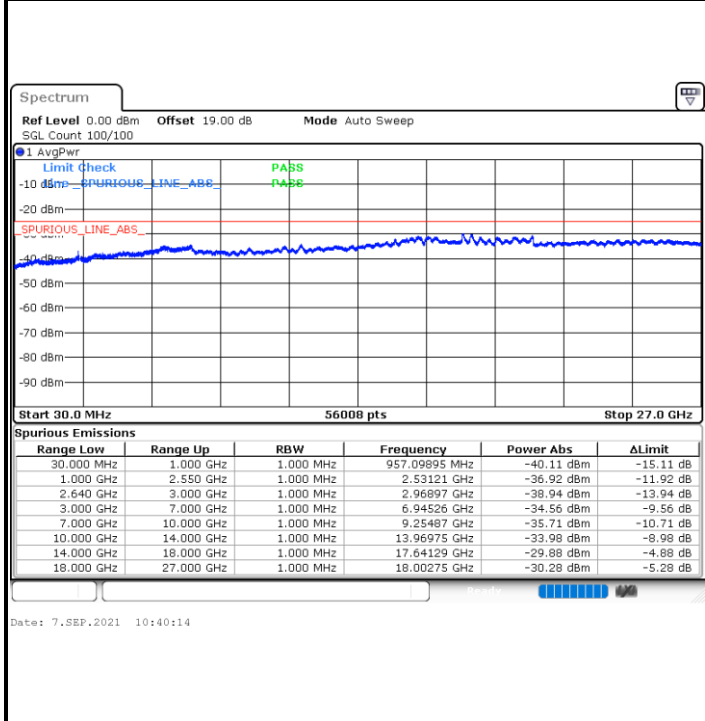


Date: 7.SEP.2021 10:24:27

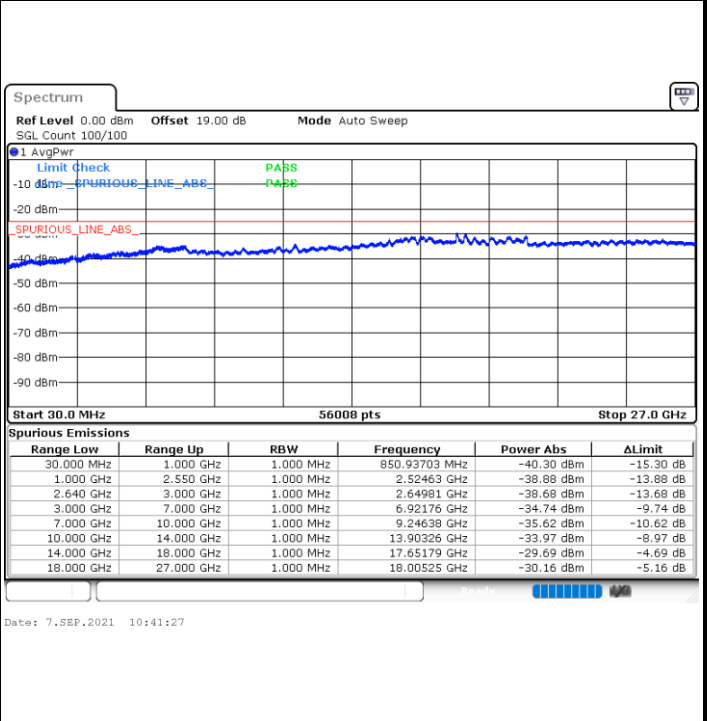


LTE Band 38 / 15MHz

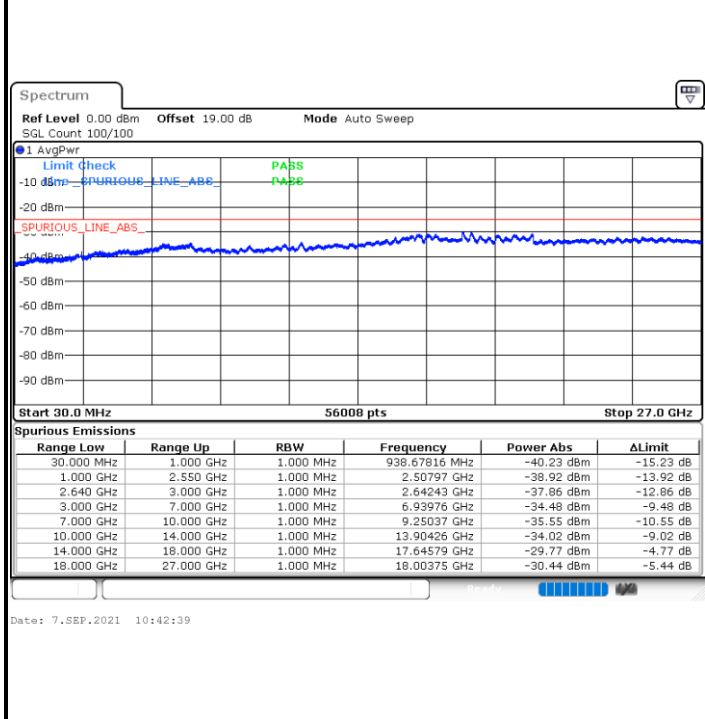
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

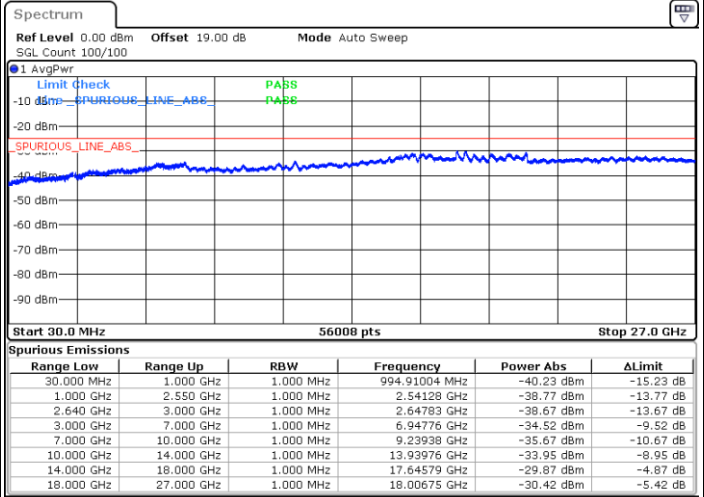
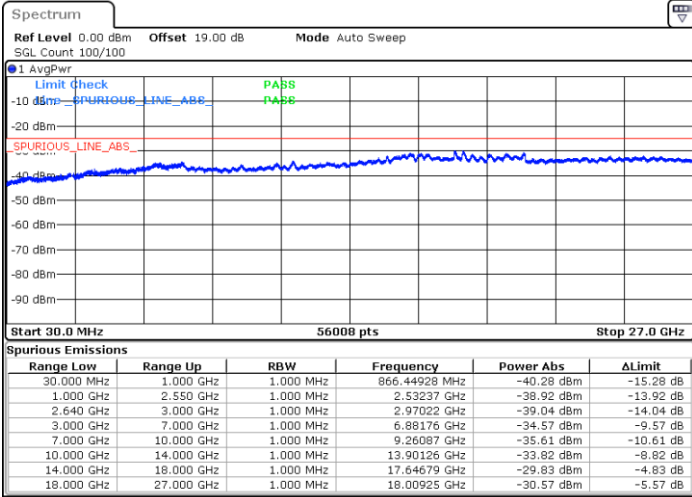




LTE Band 38 / 20MHz

Lowest Channel / 64QAM

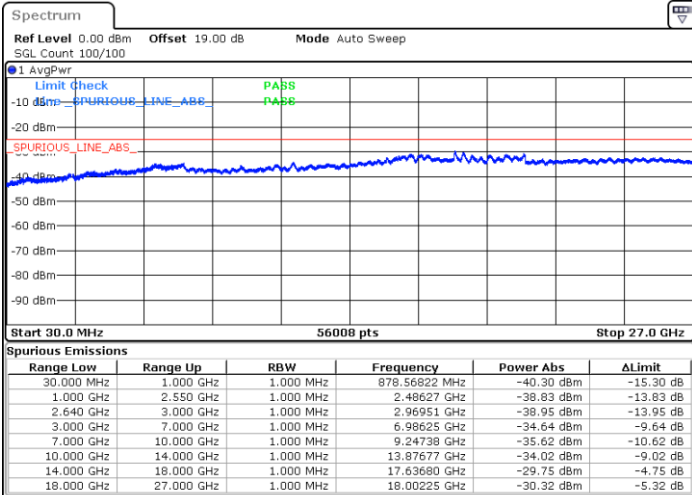
Middle Channel / 64QAM



Date: 7.SEP.2021 10:51:09

Date: 7.SEP.2021 10:52:22

Highest Channel / 64QAM



Date: 7.SEP.2021 10:53:34



Frequency Stability

| Test Conditions | | LTE Band 38 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0001 | PASS |
| 40 | Normal Voltage | 0.0005 | |
| 30 | Normal Voltage | 0.0003 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0029 | |
| 0 | Normal Voltage | 0.0001 | |
| -10 | Normal Voltage | 0.0005 | |
| -20 | Normal Voltage | 0.0001 | |
| -30 | Normal Voltage | 0.0002 | |
| 20 | Maximum Voltage | 0.0001 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0030 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

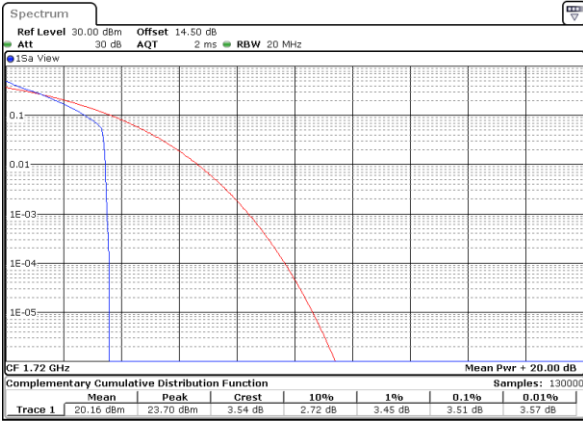
Peak-to-Average Ratio

| Mode | LTE Band 66 / 20MHz | | | | |
|------------|---------------------|---------|-------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.51 | 4.99 | 4.96 | 5.94 | PASS |
| Middle CH | 3.59 | 5.10 | 5.42 | 5.97 | |
| Highest CH | 3.57 | 4.96 | 5.19 | 6.00 | |
| Mode | LTE Band 66 / 20MHz | | | | |
| Mod. | 64QAM | | | | Limit: 13dB |
| RB Size | 1RB | Full RB | | | Result |
| Lowest CH | 6.90 | 6.55 | - | - | PASS |
| Middle CH | 7.01 | 6.61 | - | - | |
| Highest CH | 6.99 | 6.52 | - | - | |



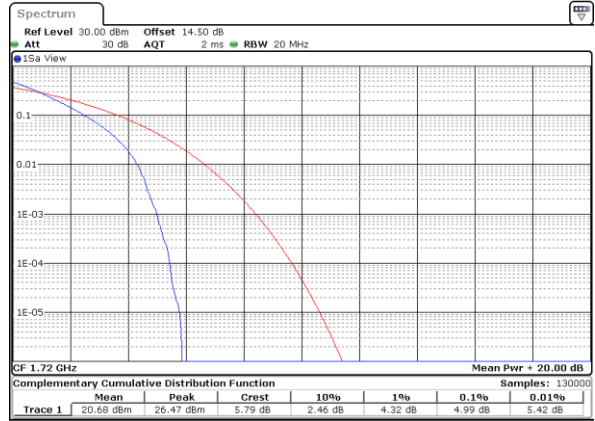
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



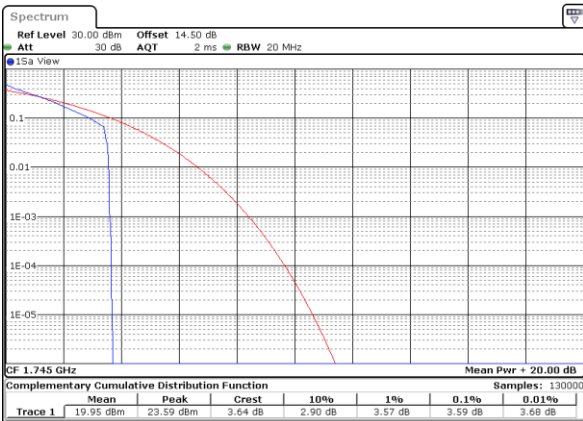
Date: 5,SEP,2021 14:18:33

Lowest Channel / Full RB



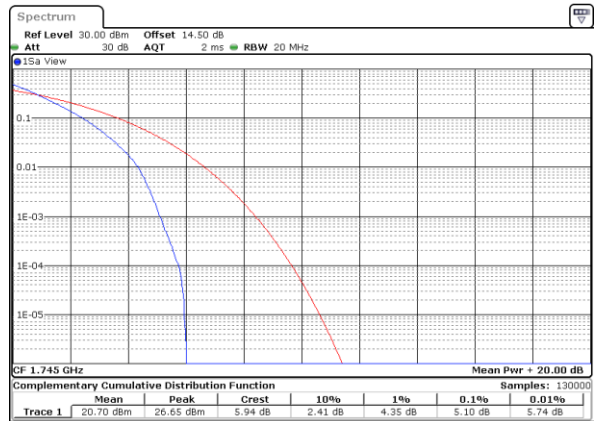
Date: 5,SEP,2021 14:18:57

Middle Channel / 1RB



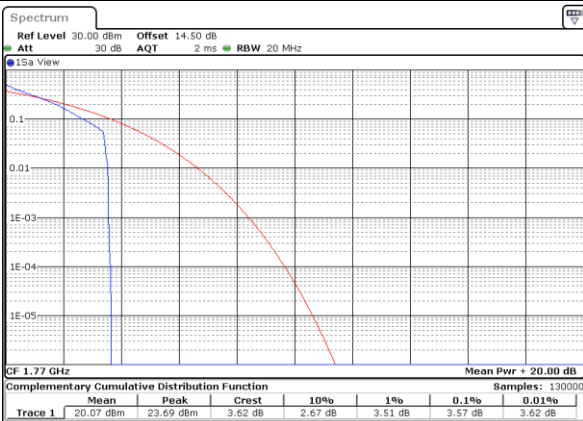
Date: 5,SEP,2021 14:19:20

Middle Channel / Full RB



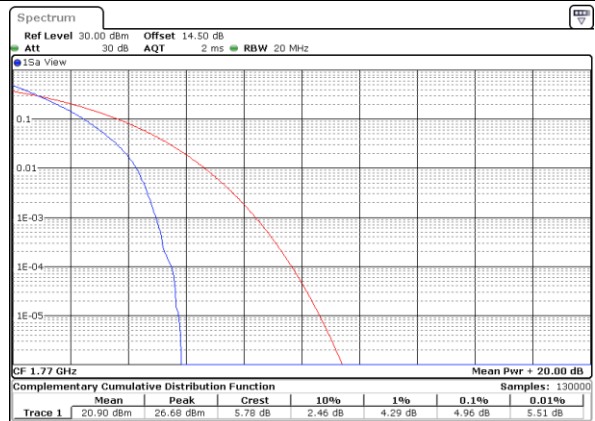
Date: 5,SEP,2021 14:19:44

Highest Channel / 1RB



Date: 5,SEP,2021 14:20:08

Highest Channel / Full RB

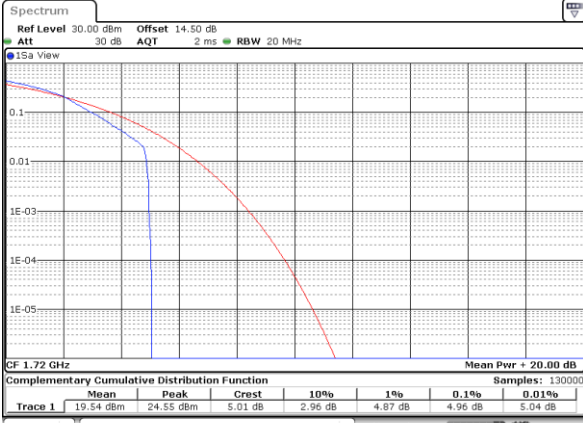


Date: 5,SEP,2021 14:20:31



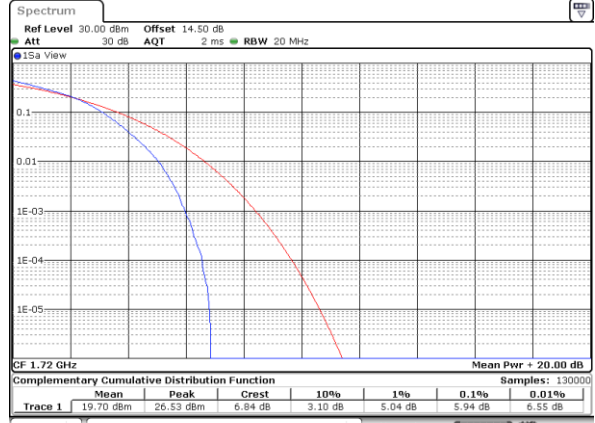
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



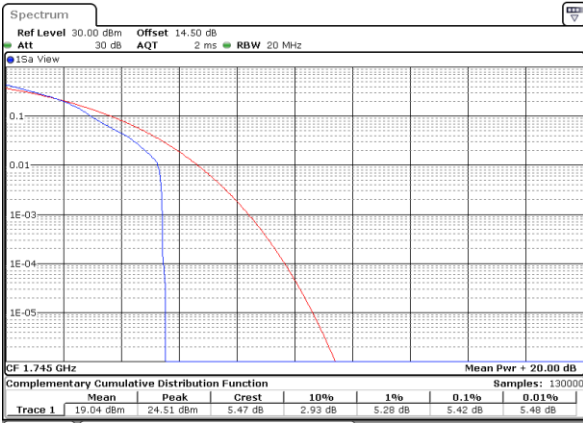
Date: 5,SEP,2021 14:16:12

Lowest Channel / Full RB



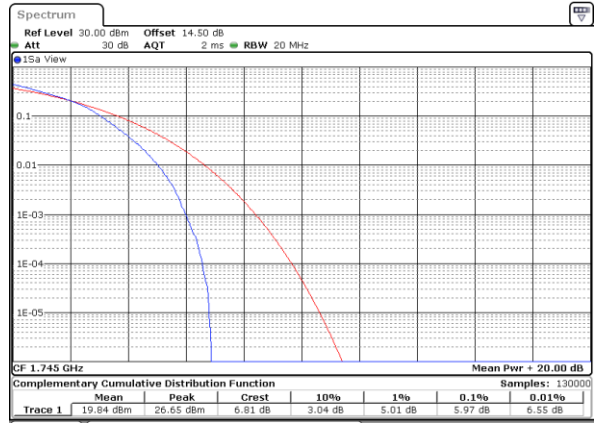
Date: 5,SEP,2021 14:16:36

Middle Channel / 1RB



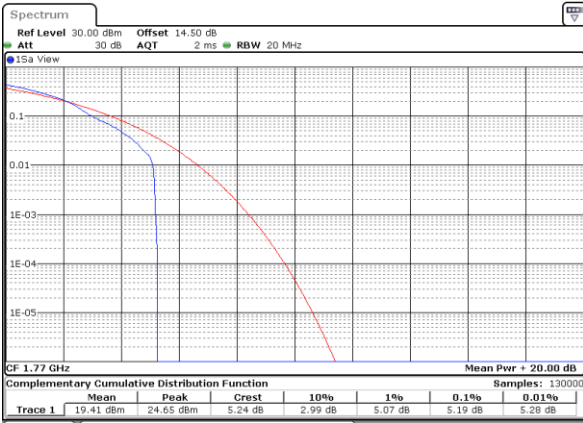
Date: 5,SEP,2021 14:16:59

Middle Channel / Full RB



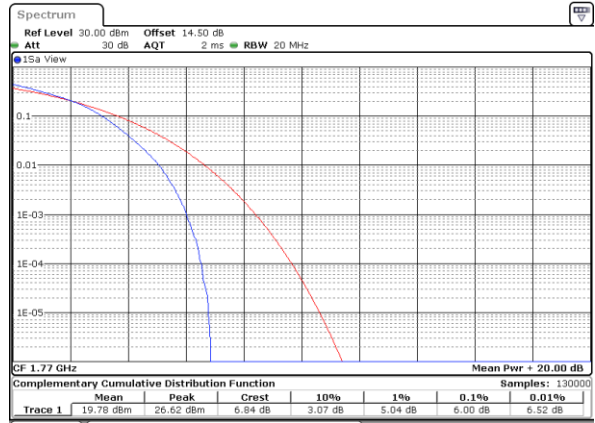
Date: 5,SEP,2021 14:17:23

Highest Channel / 1RB



Date: 5,SEP,2021 14:17:46

Highest Channel / Full RB

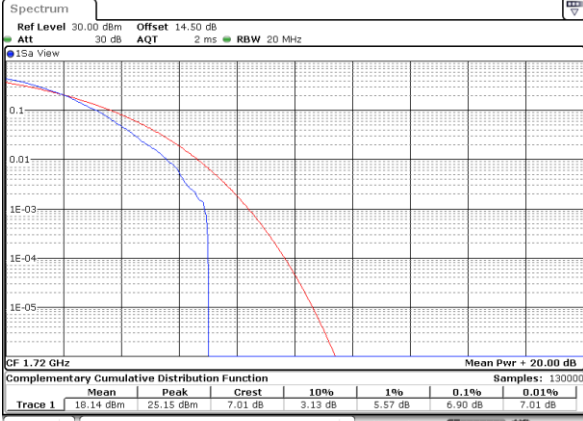


Date: 5,SEP,2021 14:18:10



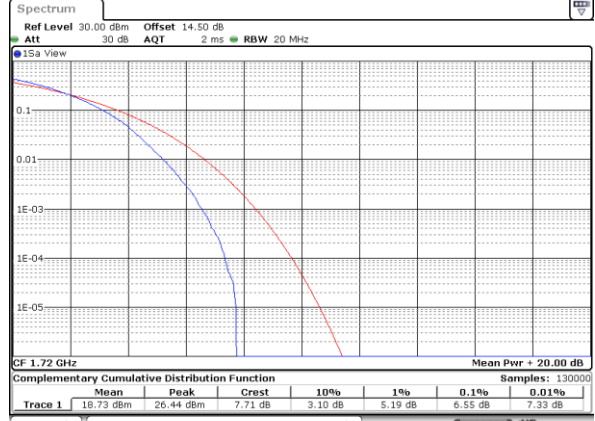
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



Date: 5,SEP,2021 16:18:58

Lowest Channel / Full RB



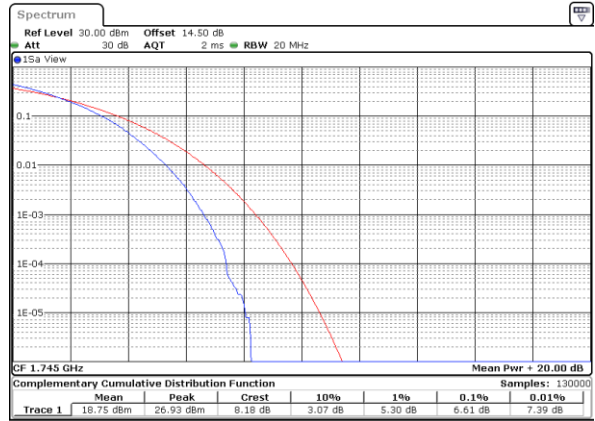
Date: 5,SEP,2021 16:19:21

Middle Channel / 1RB



Date: 5,SEP,2021 16:19:45

Middle Channel / Full RB



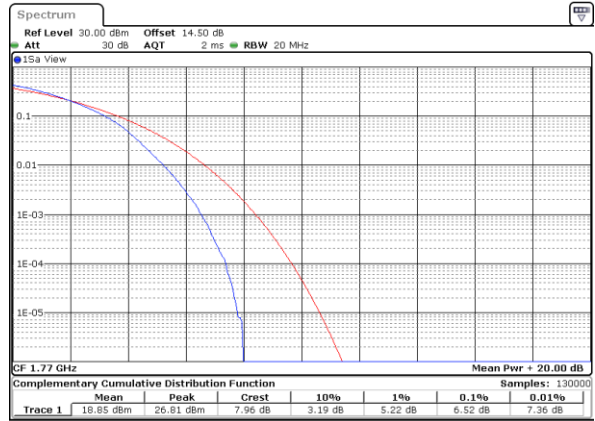
Date: 5,SEP,2021 16:20:09

Highest Channel / 1RB



Date: 5,SEP,2021 16:20:32

Highest Channel / Full RB



Date: 5,SEP,2021 16:20:56



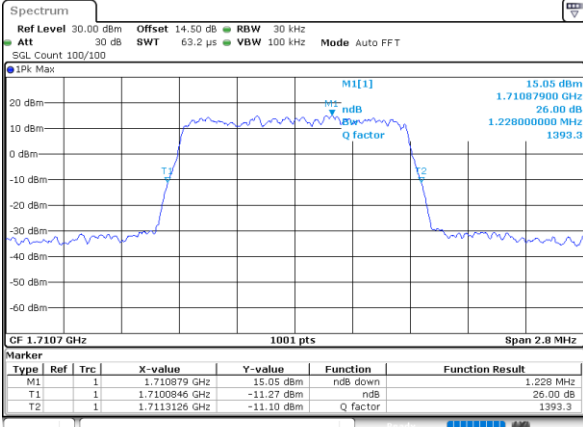
26dB Bandwidth

| 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 | 1.23 | 3.00 | 3.02 | 4.84 | 4.91 | 9.67 | 9.89 | 14.30 | 14.33 | 18.70 | 18.94 |
| Middle CH | 1.23 | 1.21 | 3.04 | 2.99 | 4.91 | 4.98 | 9.75 | 9.75 | 14.30 | 14.30 | 18.90 | 18.98 |
| Highest CH | 1.23 | 1.22 | 2.98 | 3.06 | 4.95 | 4.91 | 9.83 | 9.73 | 14.27 | 14.36 | 18.86 | 19.14 |
| Mode | LTE Band 66 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.23 | - | 3.05 | - | 4.89 | - | 9.83 | - | 14.51 | - | 18.66 | - |
| Middle CH | 1.23 | - | 3.03 | - | 4.88 | - | 9.93 | - | 14.30 | - | 19.06 | - |
| Highest CH | 1.22 | - | 3.00 | - | 4.96 | - | 9.75 | - | 14.33 | - | 19.10 | - |



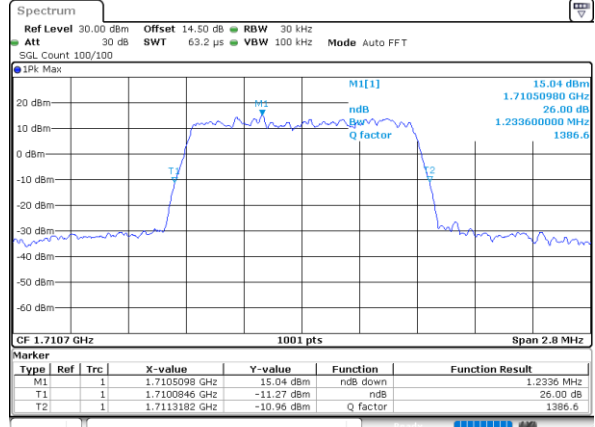
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



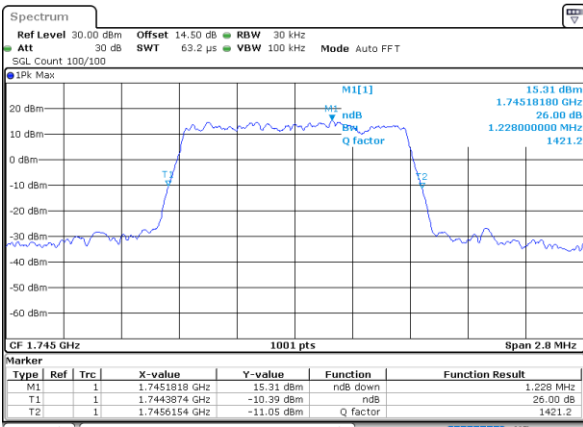
Date: 5,SEP,2021 12:00:09

Lowest Channel / 1.4MHz / 16QAM



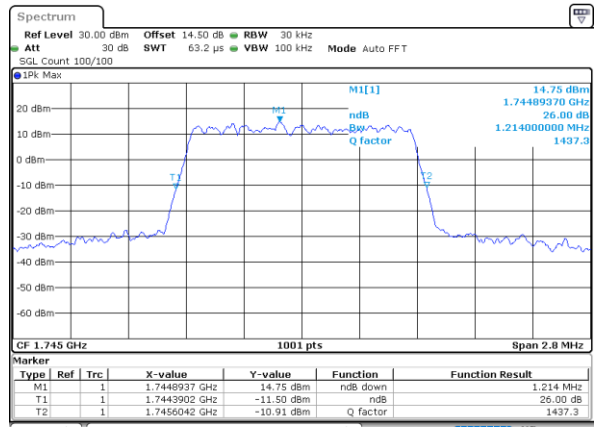
Date: 5,SEP,2021 12:00:31

Middle Channel / 1.4MHz / QPSK



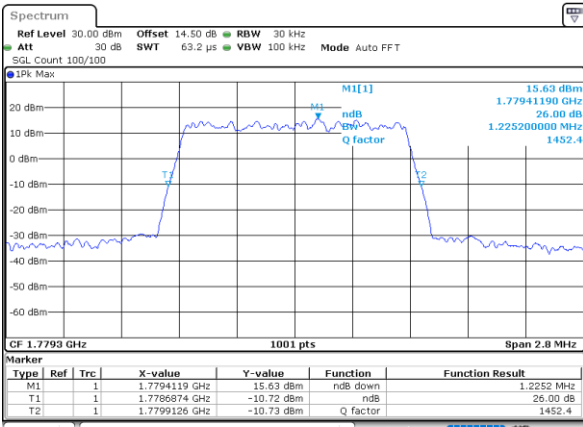
Date: 5,SEP,2021 12:08:55

Middle Channel / 1.4MHz / 16QAM



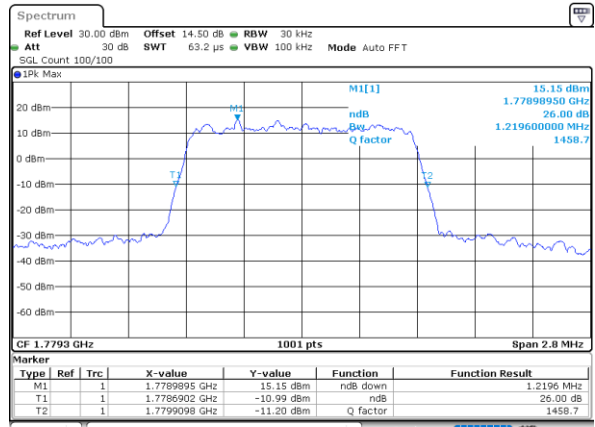
Date: 5,SEP,2021 12:09:16

Highest Channel / 1.4MHz / QPSK



Date: 5,SEP,2021 12:12:44

Highest Channel / 1.4MHz / 16QAM

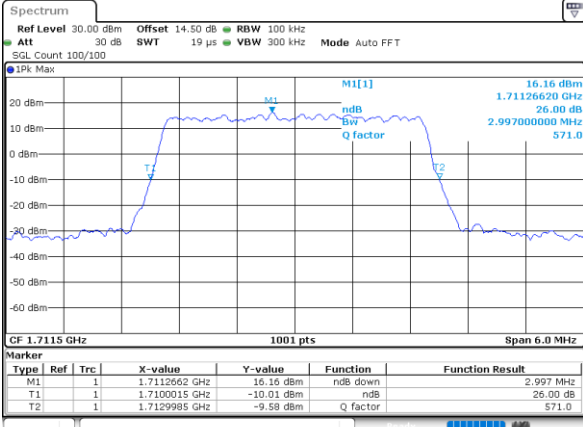


Date: 5,SEP,2021 12:13:06



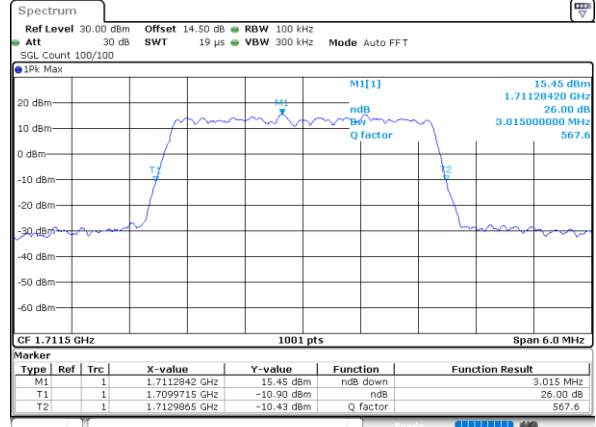
LTE Band 66

Lowest Channel / 3MHz / QPSK



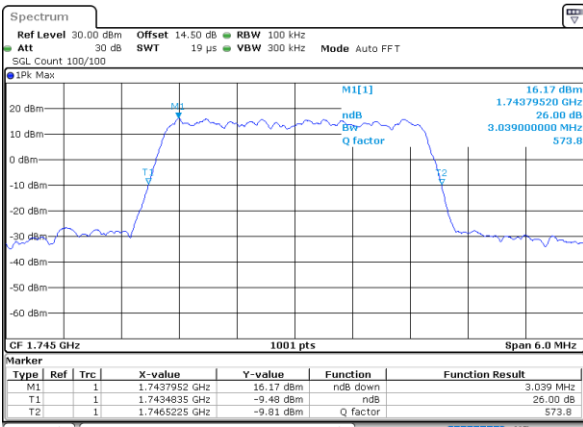
Date: 5,SEP,2021 12:21:28

Lowest Channel / 3MHz / 16QAM



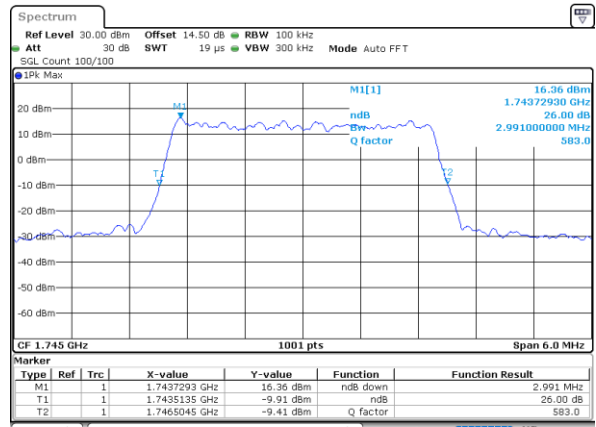
Date: 5,SEP,2021 12:21:50

Middle Channel / 3MHz / QPSK



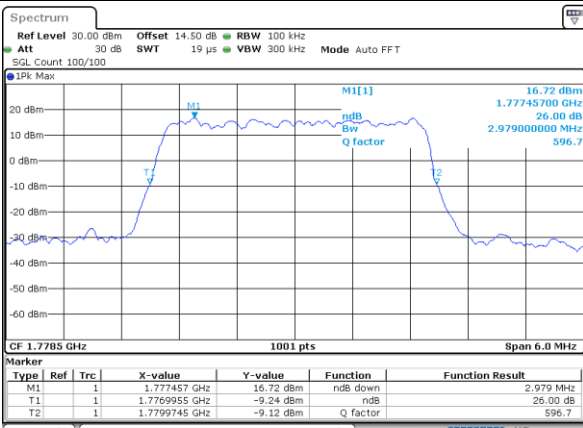
Date: 5,SEP,2021 12:30:00

Middle Channel / 3MHz / 16QAM



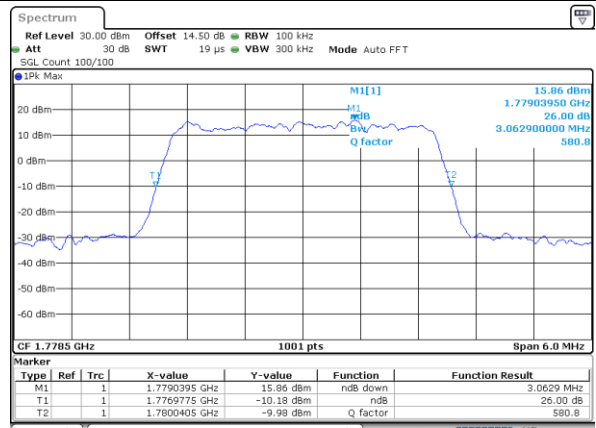
Date: 5,SEP,2021 12:30:22

Highest Channel / 3MHz / QPSK



Date: 5,SEP,2021 12:33:50

Highest Channel / 3MHz / 16QAM

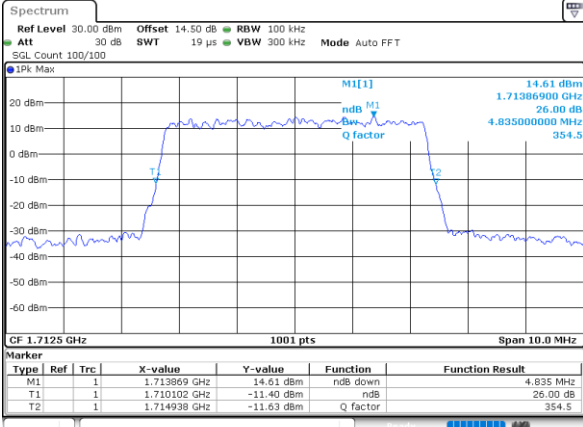


Date: 5,SEP,2021 12:34:12



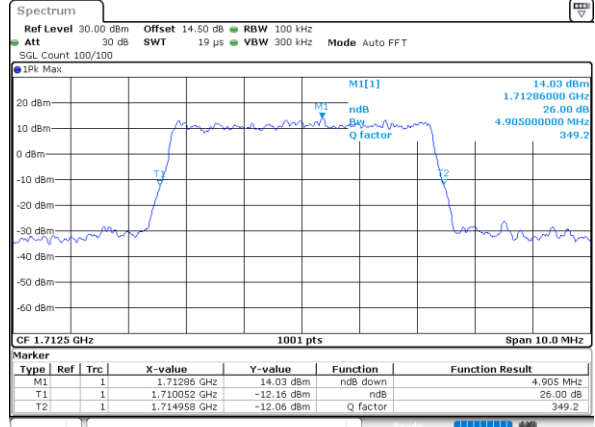
LTE Band 66

Lowest Channel / 5MHz / QPSK



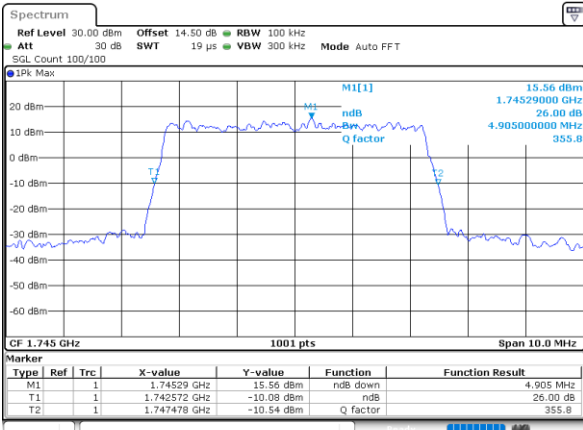
Date: 5,SEP,2021 12:43:04

Lowest Channel / 5MHz / 16QAM



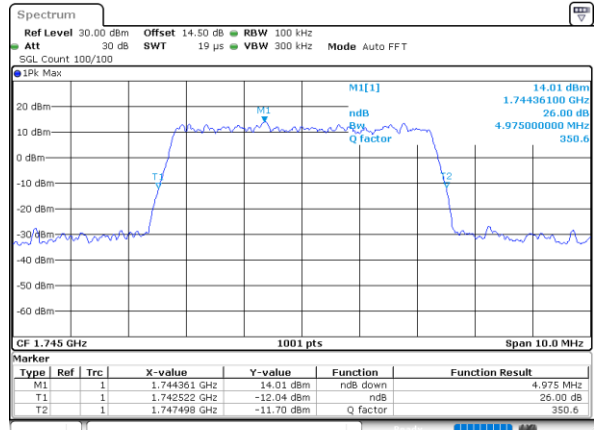
Date: 5,SEP,2021 12:43:26

Middle Channel / 5MHz / QPSK



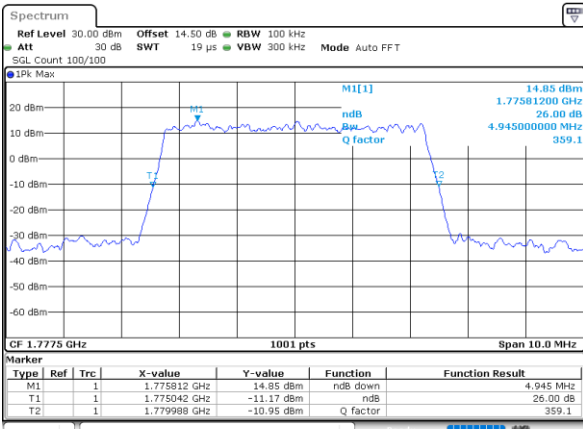
Date: 5,SEP,2021 12:51:36

Middle Channel / 5MHz / 16QAM



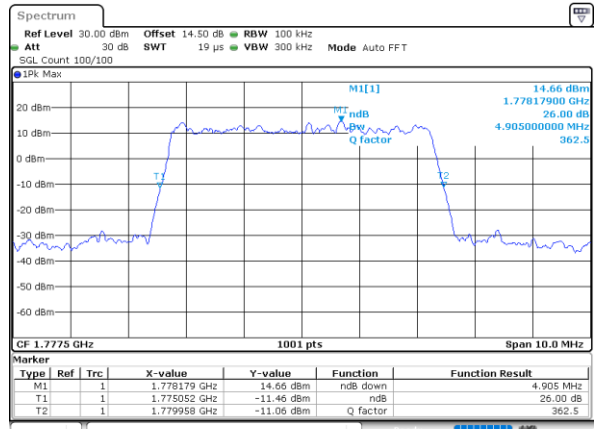
Date: 5,SEP,2021 12:51:58

Highest Channel / 5MHz / QPSK



Date: 5,SEP,2021 12:55:26

Highest Channel / 5MHz / 16QAM

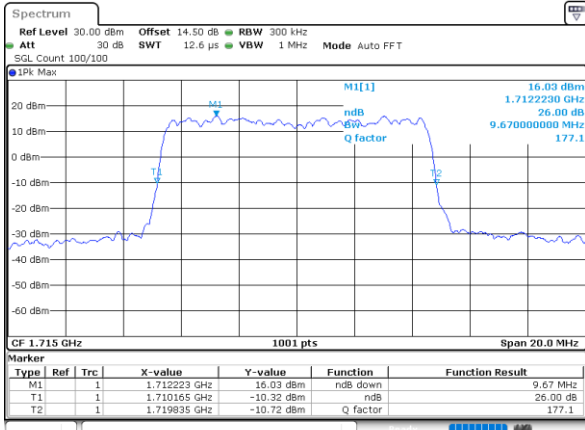


Date: 5,SEP,2021 12:55:48



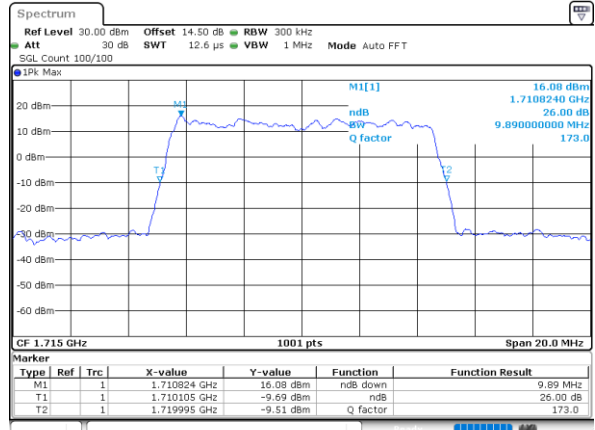
LTE Band 66

Lowest Channel / 10MHz / QPSK



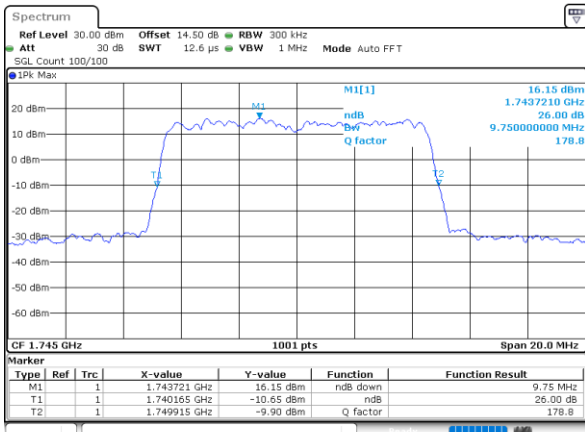
Date: 5,SEP,2021 13:03:58

Lowest Channel / 10MHz / 16QAM



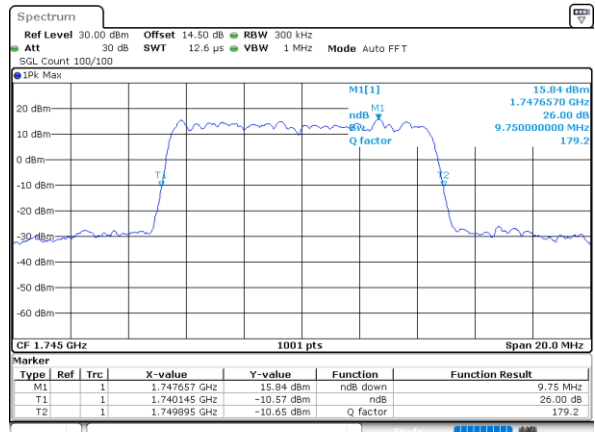
Date: 5,SEP,2021 13:04:20

Middle Channel / 10MHz / QPSK



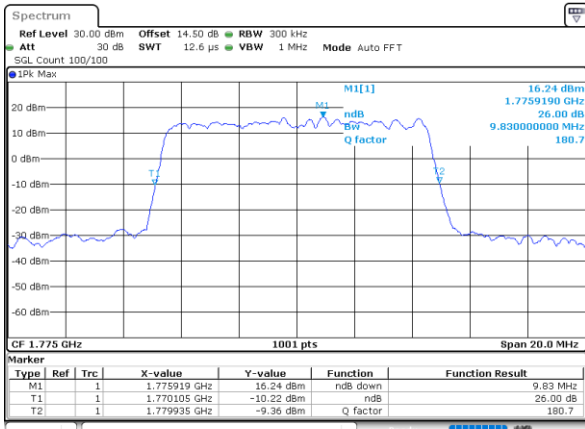
Date: 5,SEP,2021 13:12:30

Middle Channel / 10MHz / 16QAM



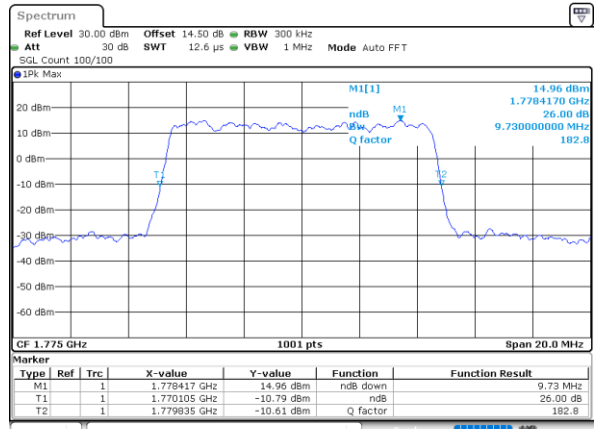
Date: 5,SEP,2021 13:12:52

Highest Channel / 10MHz / QPSK



Date: 5,SEP,2021 13:16:20

Highest Channel / 10MHz / 16QAM

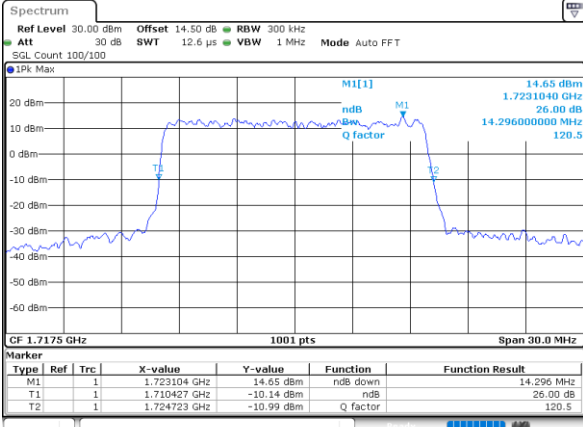


Date: 5,SEP,2021 13:16:42



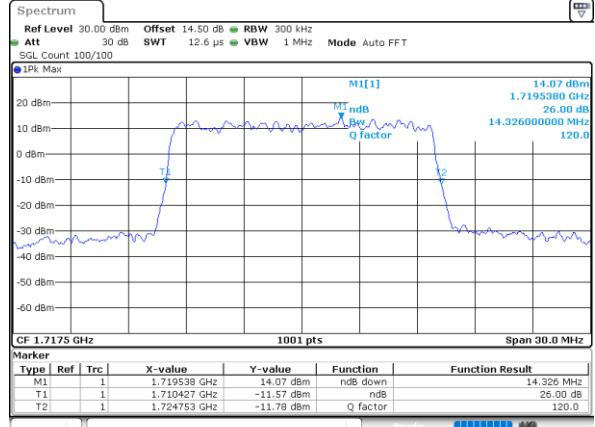
LTE Band 66

Lowest Channel / 15MHz / QPSK



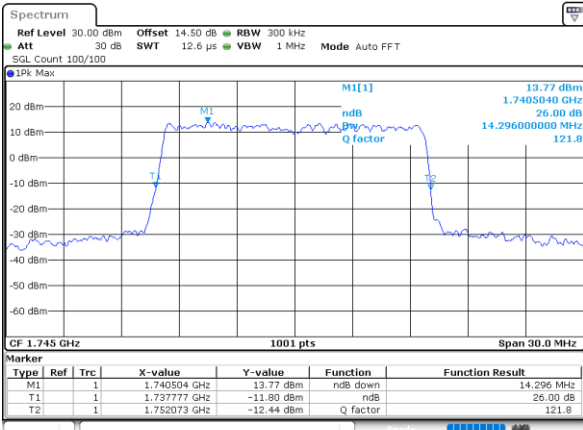
Date: 5,SEP,2021 13:24:53

Lowest Channel / 15MHz / 16QAM



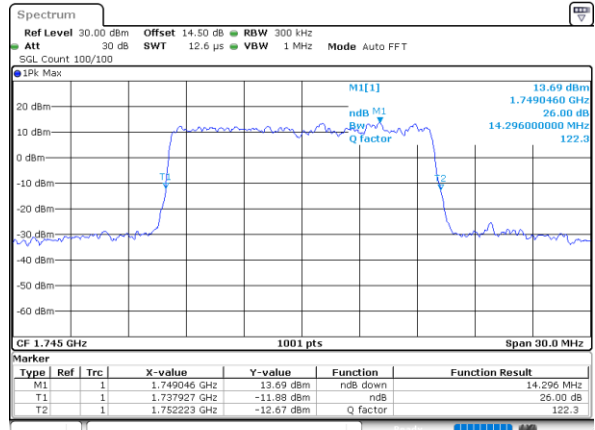
Date: 5,SEP,2021 13:25:15

Middle Channel / 15MHz / QPSK



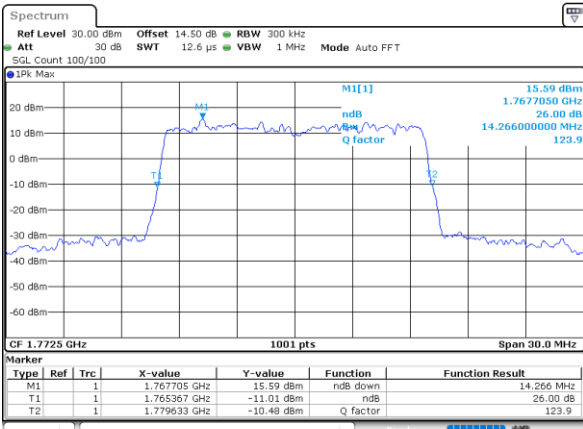
Date: 5,SEP,2021 13:33:25

Middle Channel / 15MHz / 16QAM



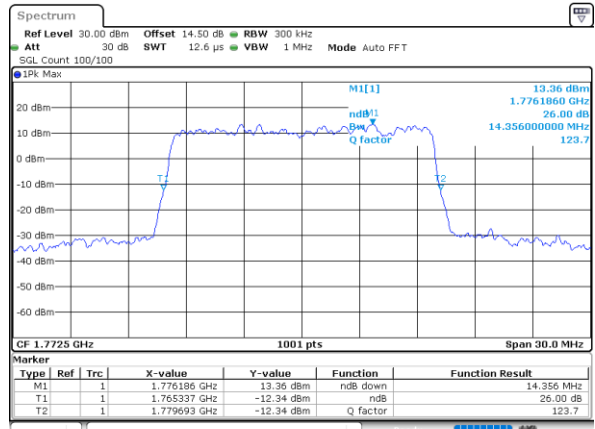
Date: 5,SEP,2021 13:34:05

Highest Channel / 15MHz / QPSK



Date: 5,SEP,2021 13:37:33

Highest Channel / 15MHz / 16QAM

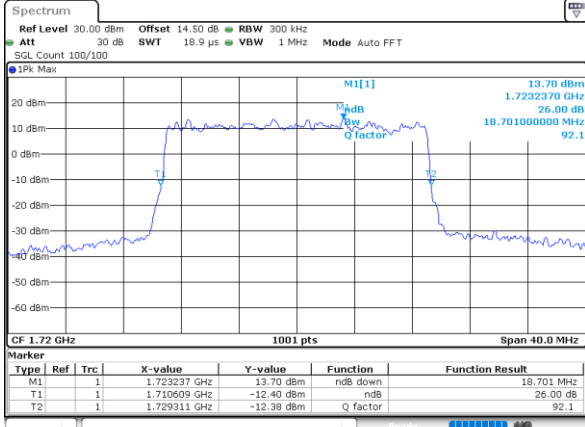


Date: 5,SEP,2021 13:37:55



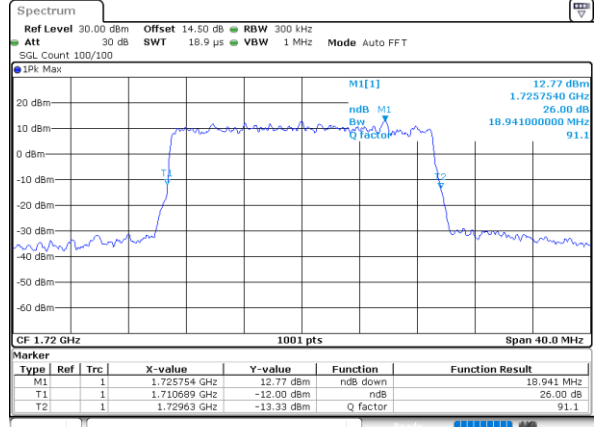
LTE Band 66

Lowest Channel / 20MHz / QPSK



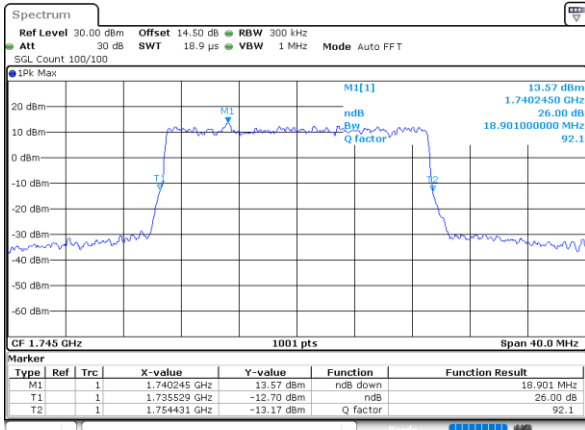
Date: 5,SEP,2021 13:46:05

Lowest Channel / 20MHz / 16QAM



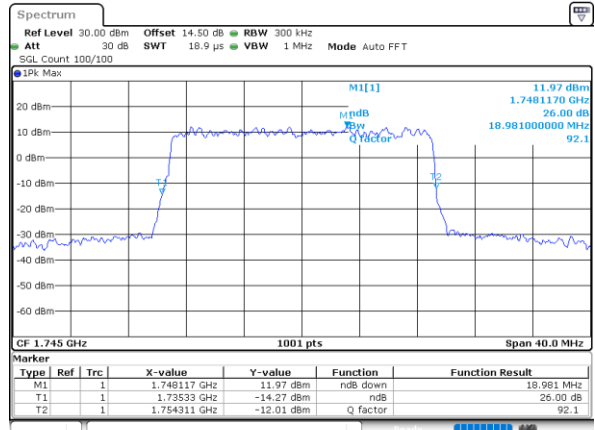
Date: 5,SEP,2021 13:46:27

Middle Channel / 20MHz / QPSK



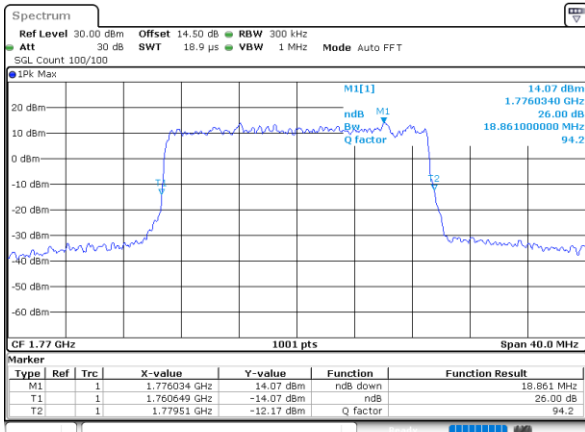
Date: 5,SEP,2021 13:54:48

Middle Channel / 20MHz / 16QAM



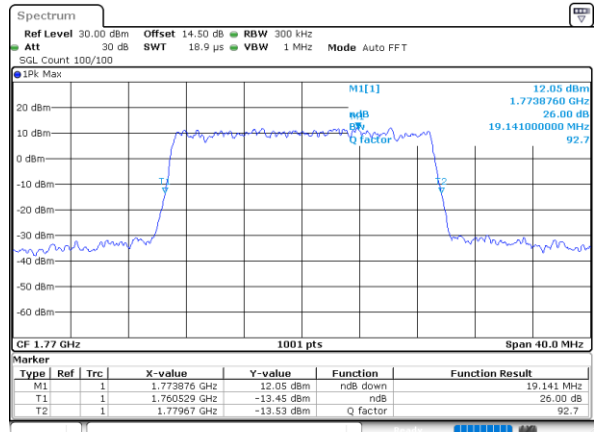
Date: 5,SEP,2021 13:55:10

Highest Channel / 20MHz / QPSK



Date: 5,SEP,2021 13:58:38

Highest Channel / 20MHz / 16QAM

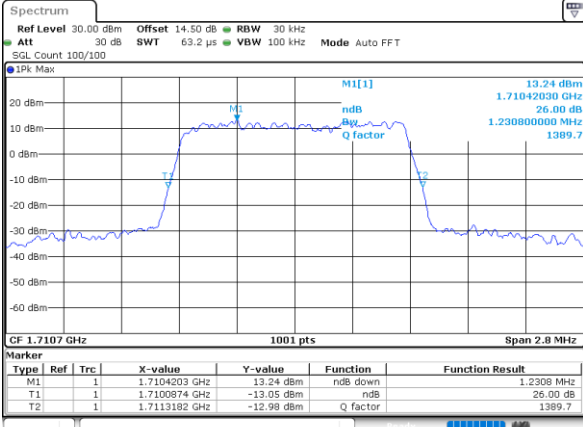


Date: 5,SEP,2021 13:59:00



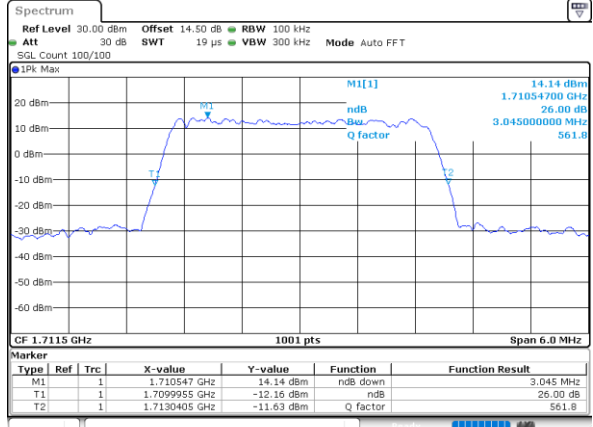
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



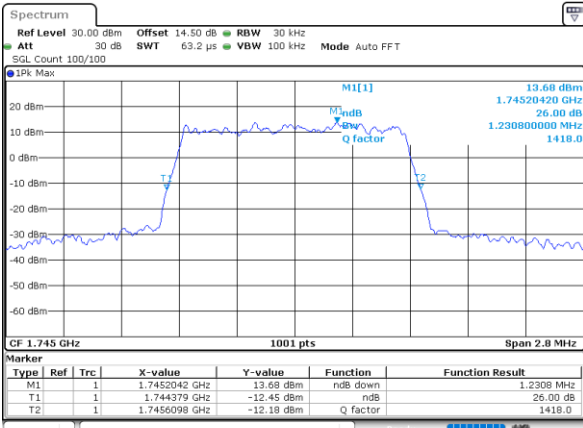
Date: 5,SEP,2021 14:45:09

Lowest Channel / 3MHz / 64QAM



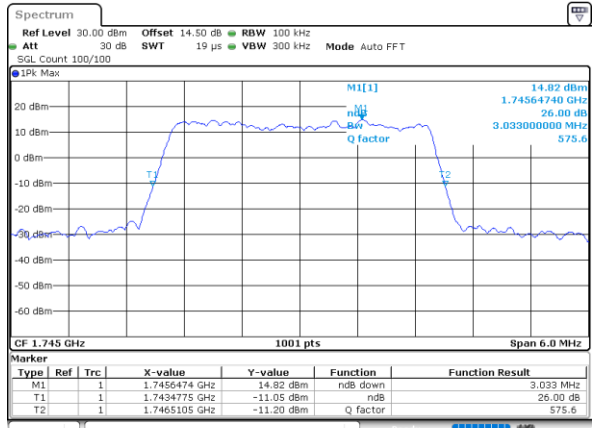
Date: 5,SEP,2021 14:55:48

Middle Channel / 1.4MHz / 64QAM



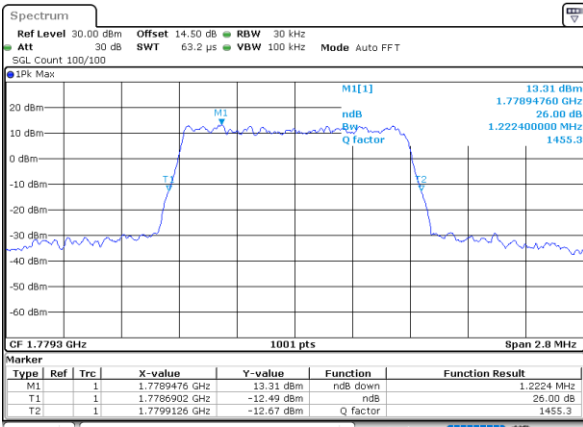
Date: 5,SEP,2021 14:49:31

Middle Channel / 3MHz / 64QAM



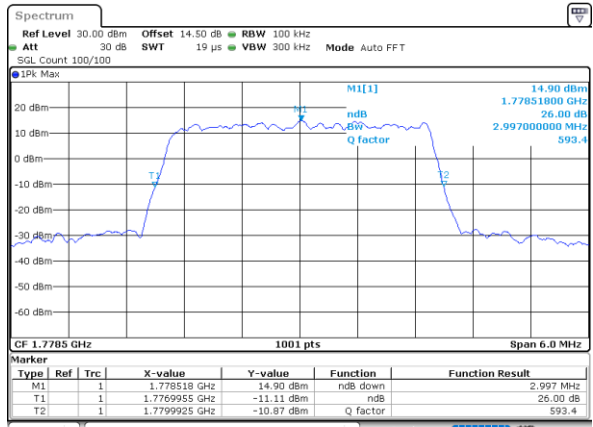
Date: 5,SEP,2021 15:00:04

Highest Channel / 1.4MHz / 64QAM



Date: 5,SEP,2021 14:51:26

Highest Channel / 3MHz / 64QAM

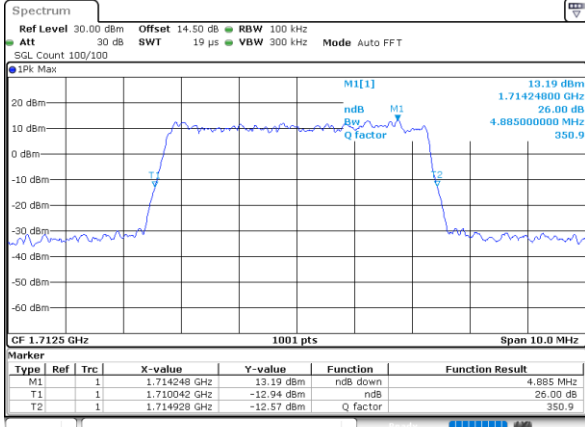


Date: 5,SEP,2021 15:01:59



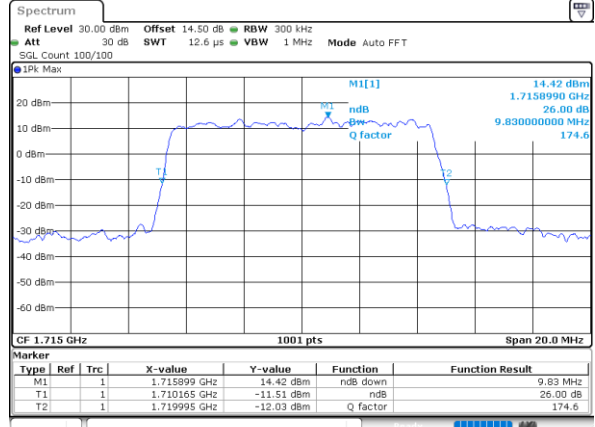
LTE Band 66

Lowest Channel / 5MHz / 64QAM



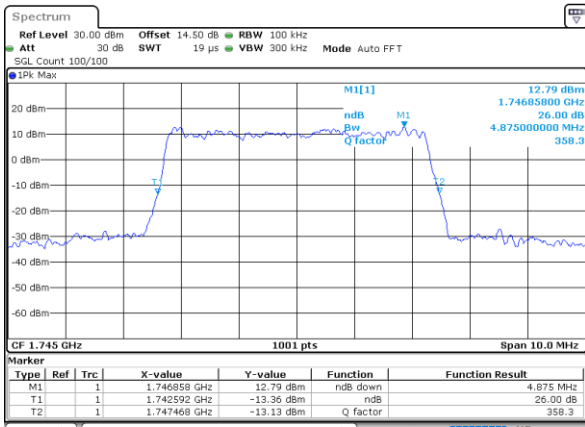
Date: 5,SEP,2021 15:10:15

Lowest Channel / 10MHz / 64QAM



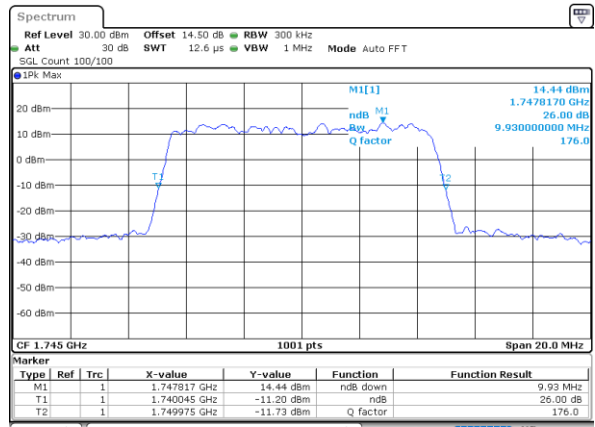
Date: 5,SEP,2021 15:17:00

Middle Channel / 5MHz / 64QAM



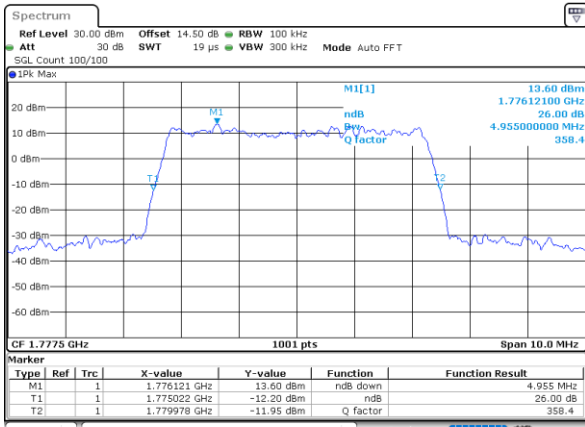
Date: 5,SEP,2021 15:10:49

Middle Channel / 10MHz / 64QAM



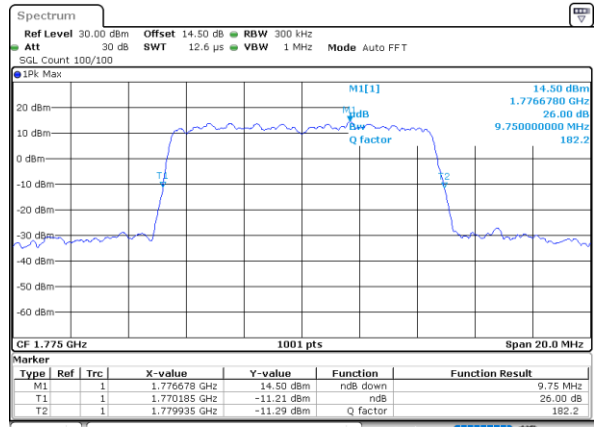
Date: 5,SEP,2021 15:21:15

Highest Channel / 5MHz / 64QAM



Date: 5,SEP,2021 15:11:243

Highest Channel / 10MHz / 64QAM

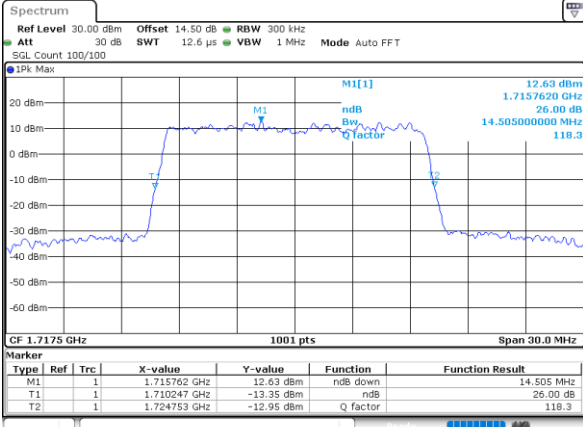


Date: 5,SEP,2021 15:23:10



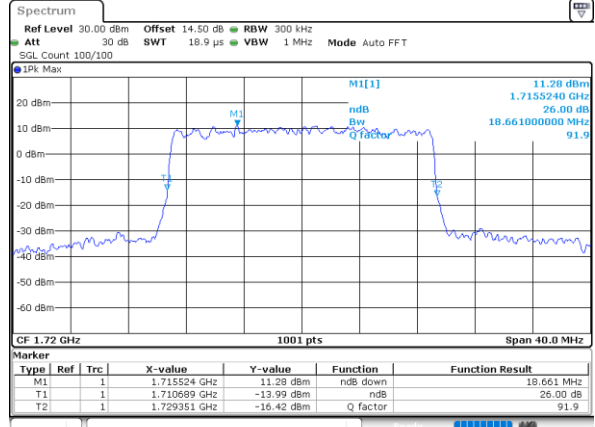
LTE Band 66

Lowest Channel / 15MHz / 64QAM



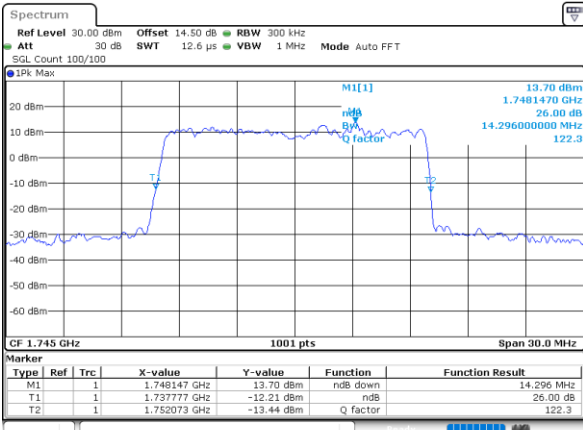
Date: 5,SEP,2021 15:45:04

Lowest Channel / 20MHz / 64QAM



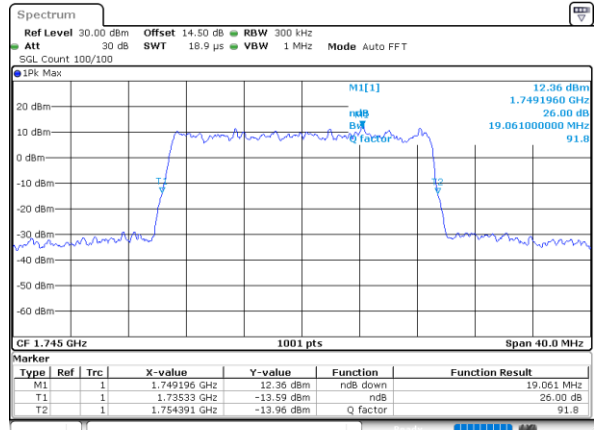
Date: 5,SEP,2021 16:08:54

Middle Channel / 15MHz / 64QAM



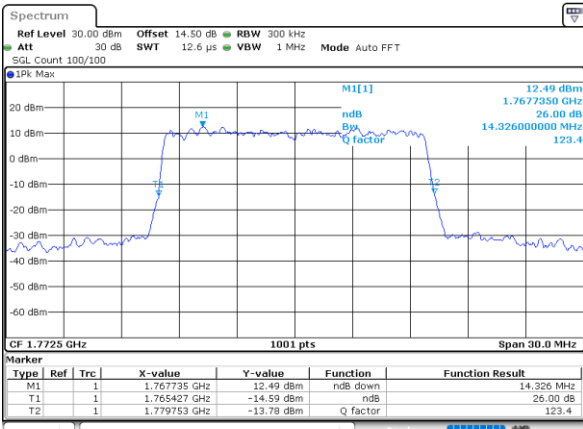
Date: 5,SEP,2021 15:49:19

Middle Channel / 20MHz / 64QAM



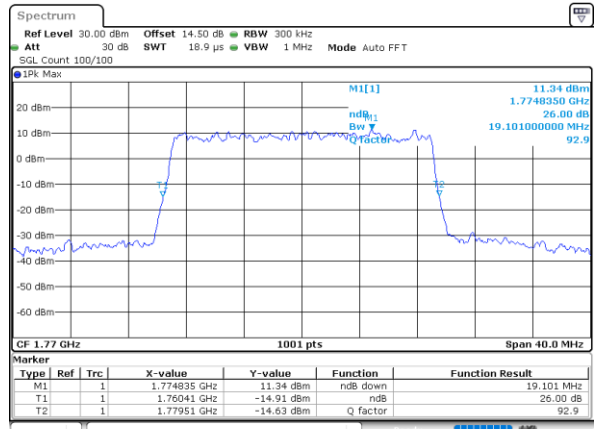
Date: 5,SEP,2021 16:13:09

Highest Channel / 15MHz / 64QAM



Date: 5,SEP,2021 15:51:14

Highest Channel / 20MHz / 64QAM



Date: 5,SEP,2021 16:15:03



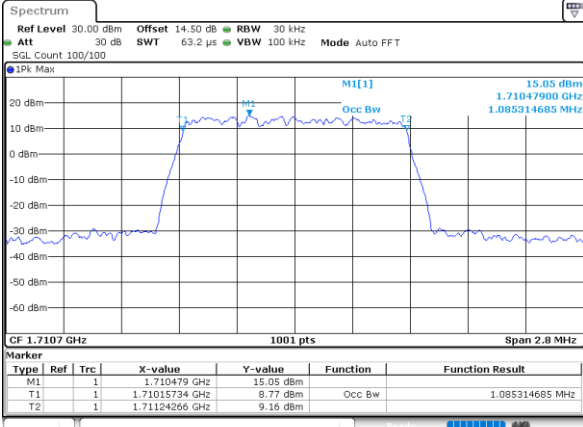
Occupied Bandwidth

| 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 | 2.73 | 2.73 | 4.49 | 4.50 | 9.05 | 9.05 | 13.46 | 13.52 | 17.90 | 17.94 |
| Middle CH | 1.09 | 1.09 | 2.72 | 2.70 | 4.52 | 4.50 | 9.07 | 9.03 | 13.52 | 13.40 | 17.90 | 17.90 |
| Highest CH | 1.09 | 1.08 | 2.72 | 2.72 | 4.49 | 4.50 | 9.07 | 8.97 | 13.43 | 13.52 | 17.86 | 17.86 |
| 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 | - | 9.05 | - | 13.49 | - | 17.86 | - |
| Middle CH | 1.09 | - | 2.73 | - | 4.49 | - | 9.01 | - | 13.49 | - | 17.90 | - |
| Highest CH | 1.09 | - | 2.72 | - | 4.49 | - | 9.01 | - | 13.43 | - | 17.94 | - |



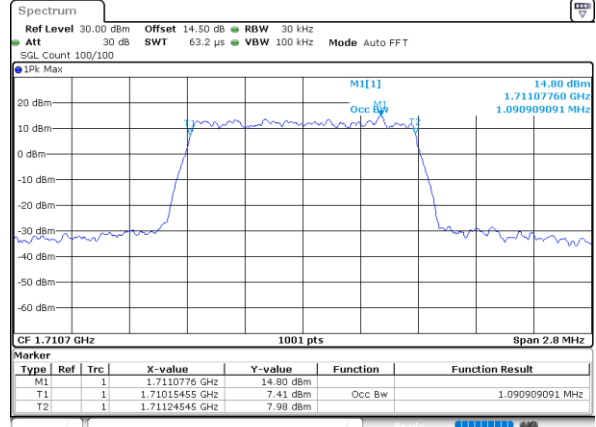
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



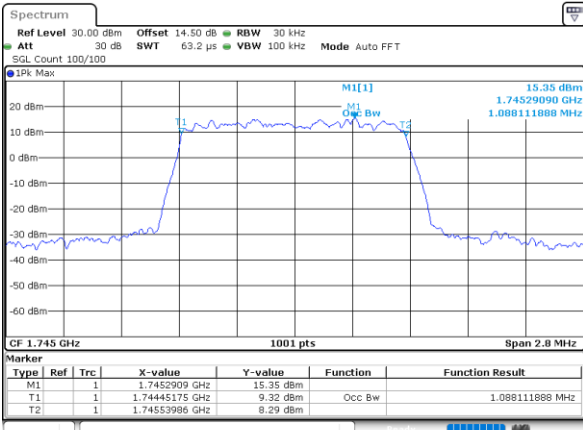
Date: 5,SEP,2021 11:59:25

Lowest Channel / 1.4MHz / 16QAM



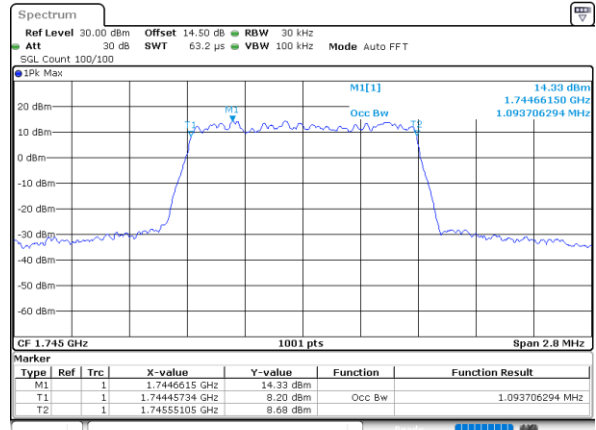
Date: 5,SEP,2021 11:59:48

Middle Channel / 1.4MHz / QPSK



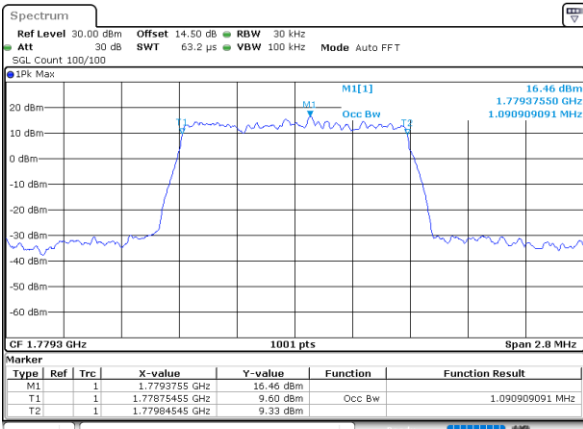
Date: 5,SEP,2021 12:08:11

Middle Channel / 1.4MHz / 16QAM



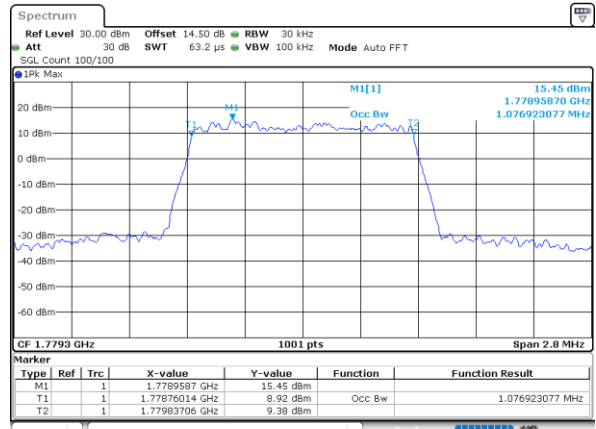
Date: 5,SEP,2021 12:08:33

Highest Channel / 1.4MHz / QPSK



Date: 5,SEP,2021 12:12:01

Highest Channel / 1.4MHz / 16QAM



Date: 5,SEP,2021 12:12:23