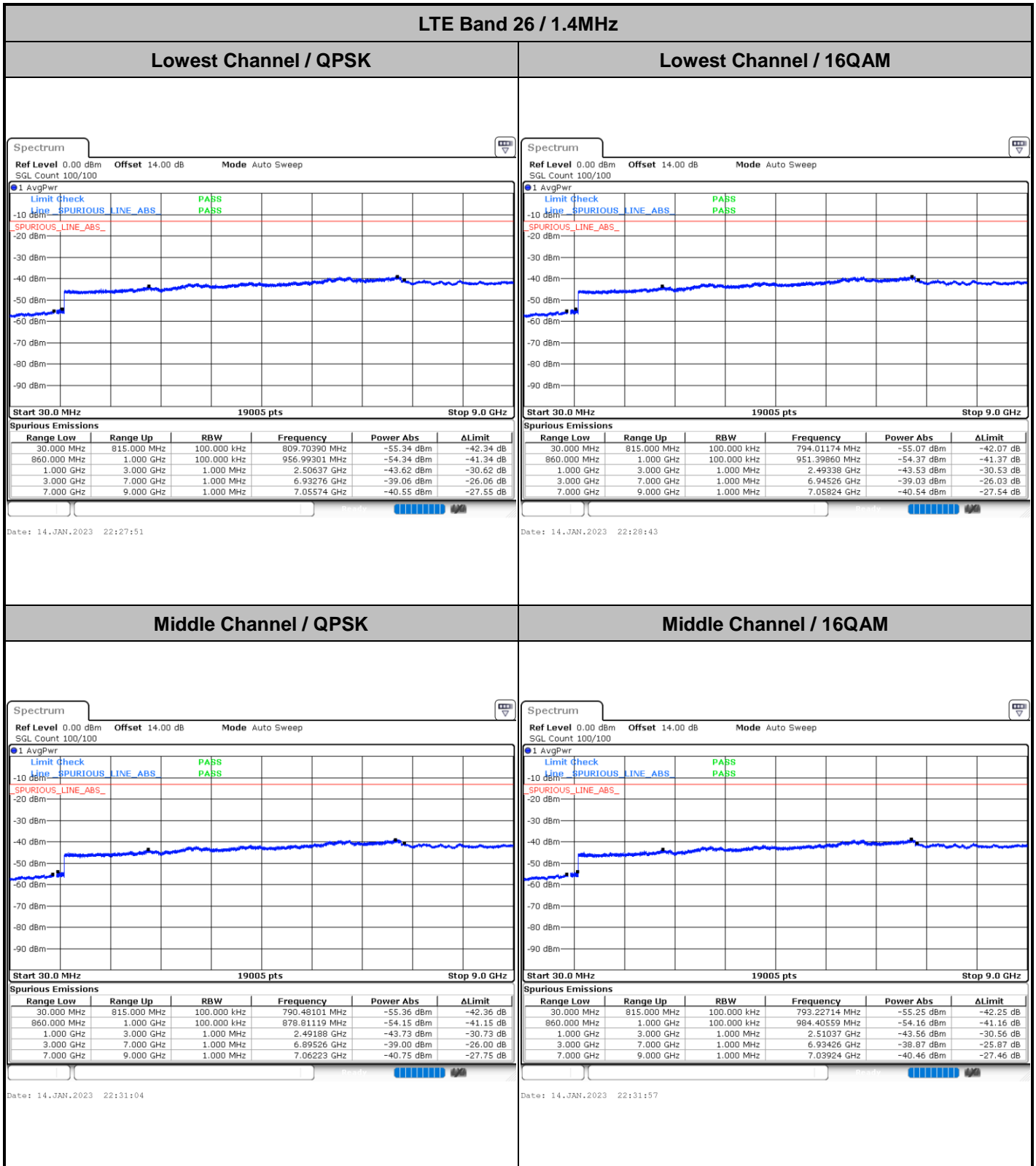




Conducted Spurious Emission

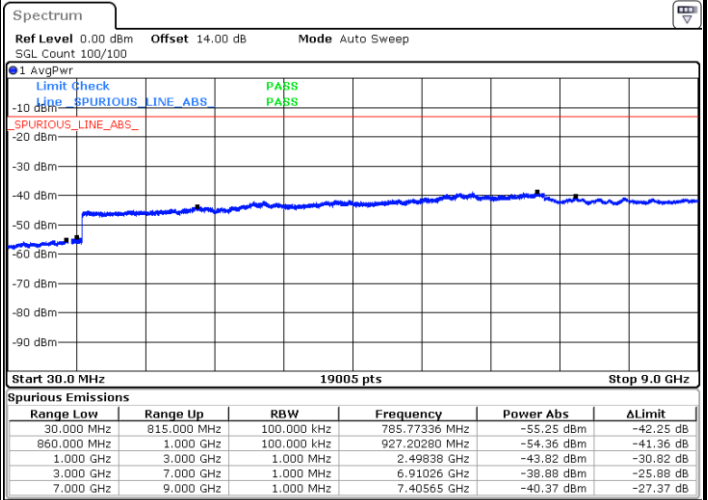
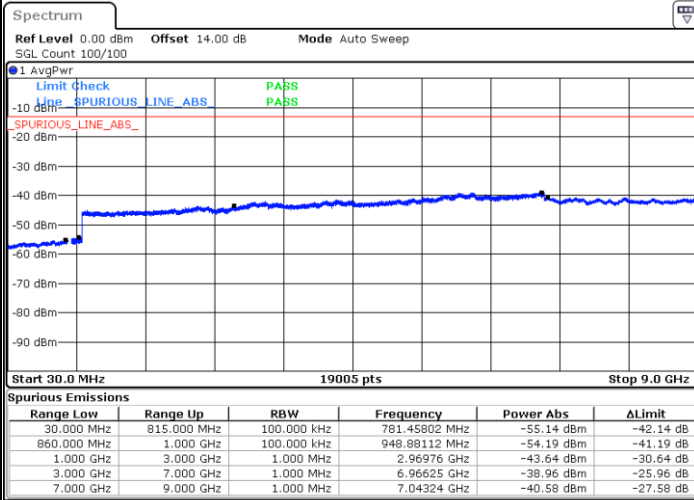




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



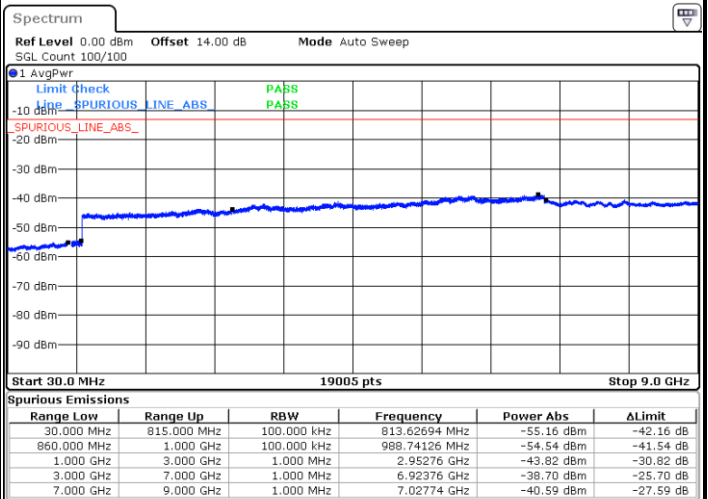
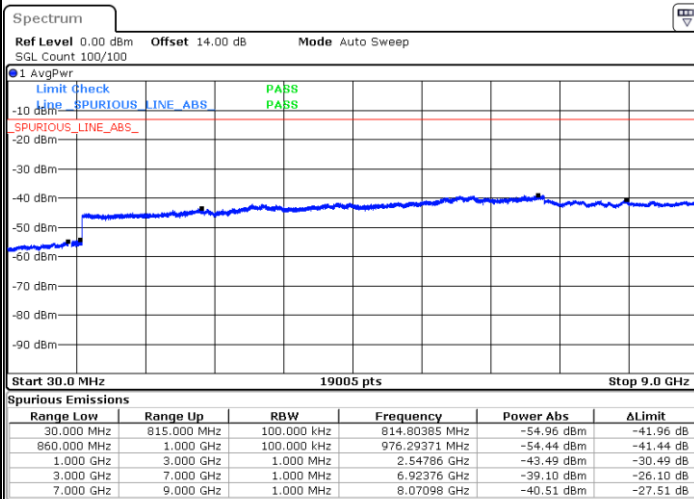
Date: 14.JAN.2023 22:40:40

Date: 14.JAN.2023 22:41:32

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 14.JAN.2023 22:48:04

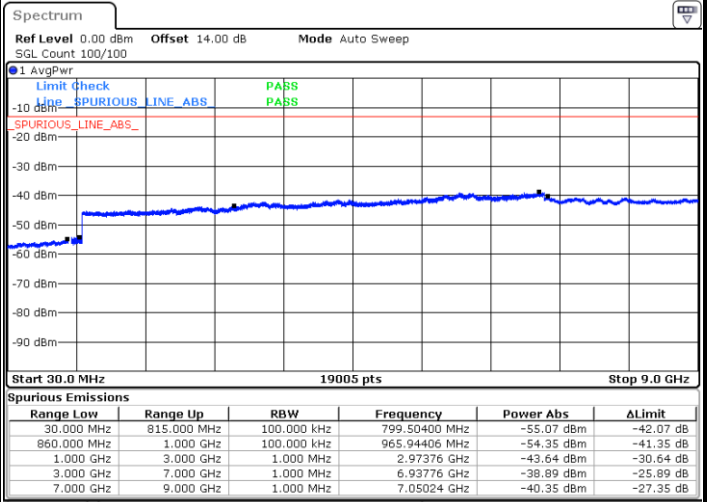
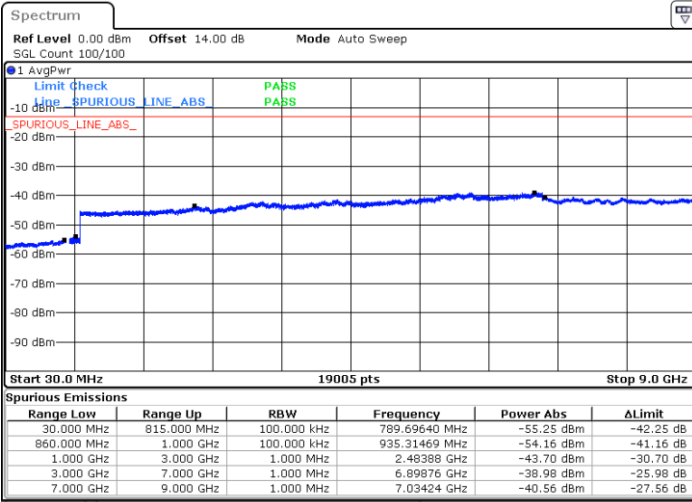
Date: 14.JAN.2023 22:48:57



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

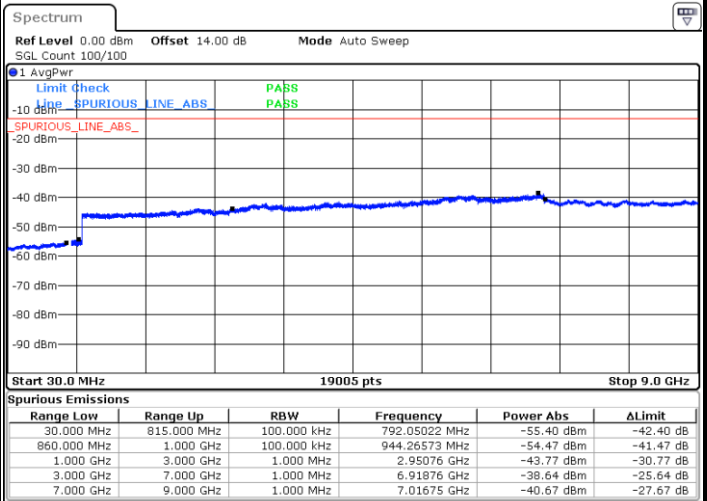
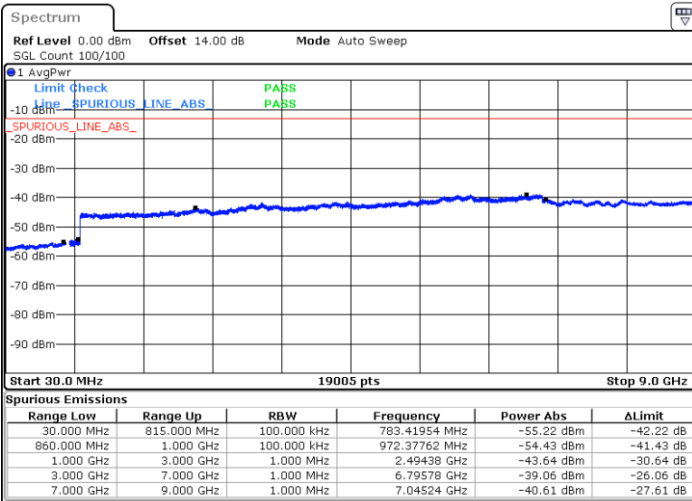


Date: 14.JAN.2023 22:51:17

Date: 14.JAN.2023 22:52:10

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14.JAN.2023 22:59:04

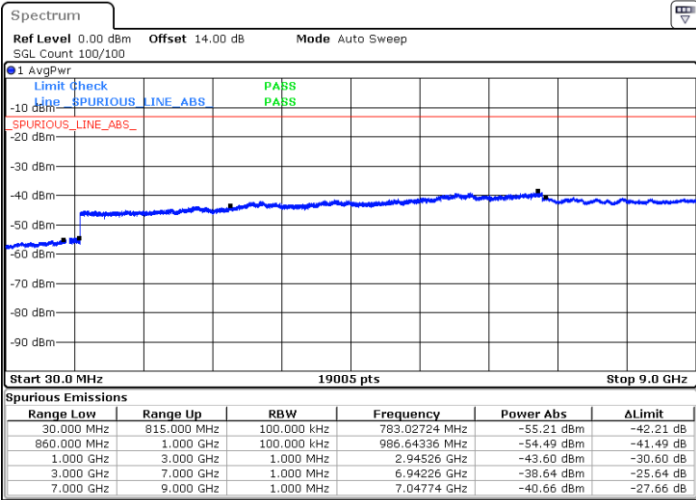
Date: 14.JAN.2023 22:59:57



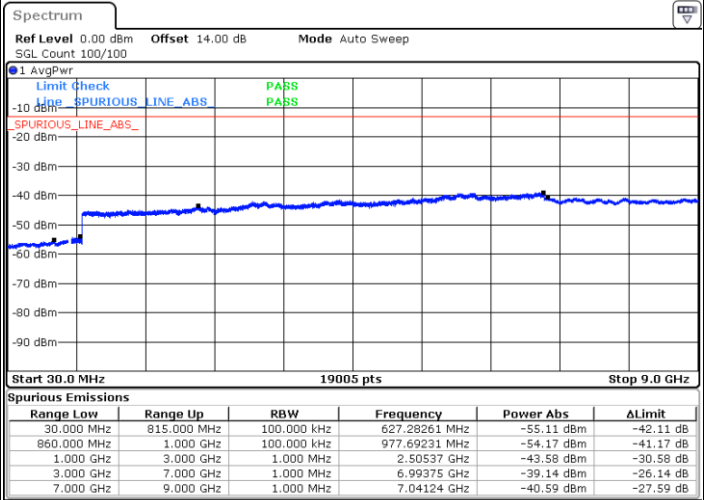
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



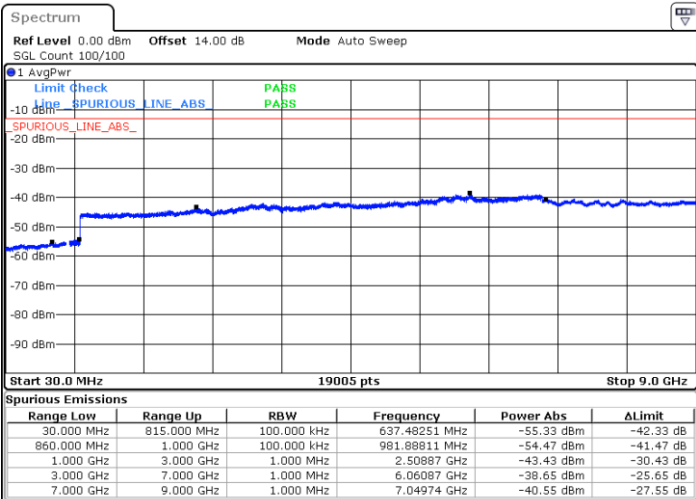
Date: 14.JAN.2023 23:06:30



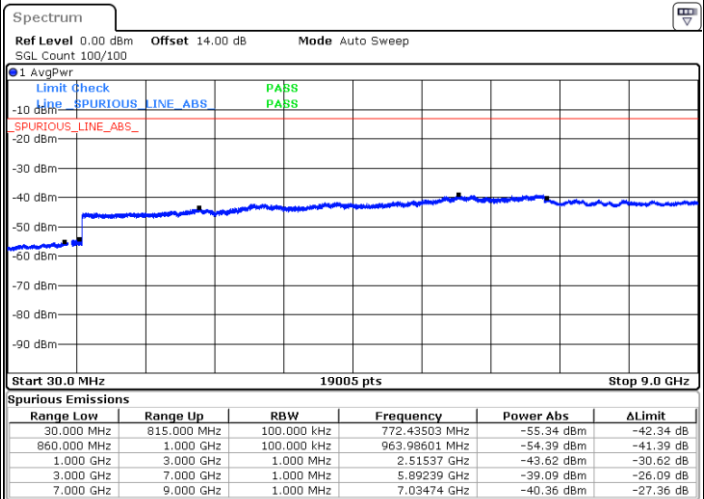
Date: 14.JAN.2023 23:07:22

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14.JAN.2023 23:09:43

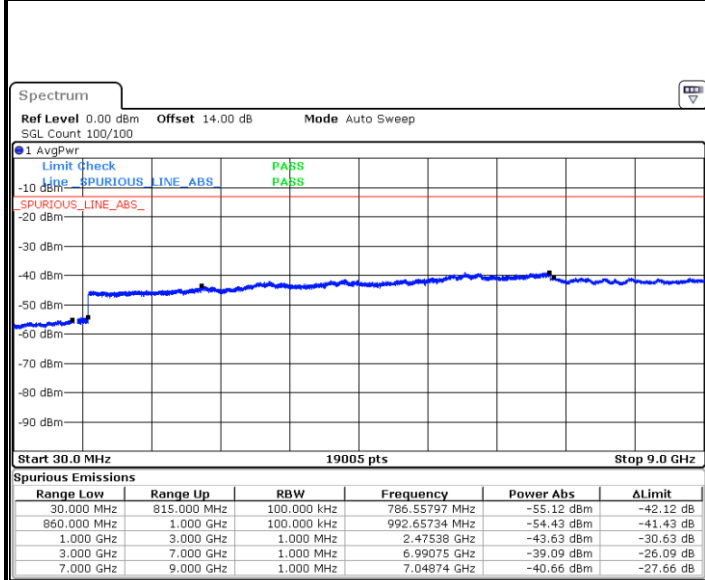


Date: 14.JAN.2023 23:10:36



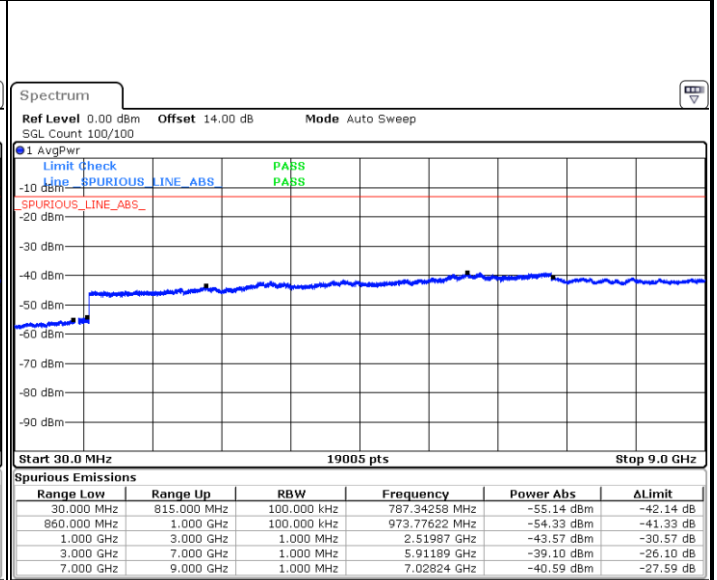
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 14.JAN.2023 23:17:27

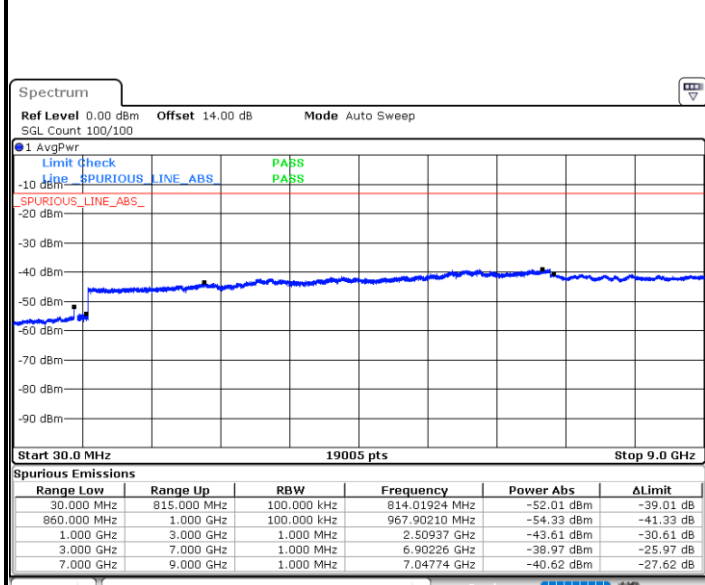
Highest Channel / 16QAM



Date: 14.JAN.2023 23:18:20

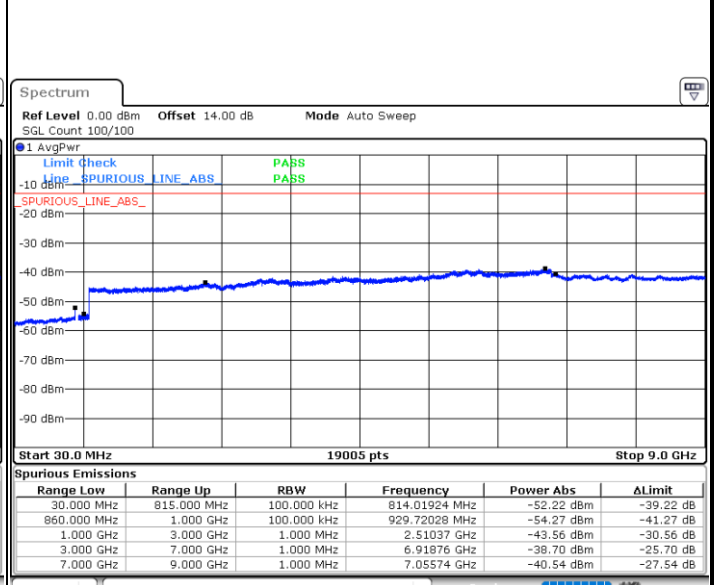
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 14.JAN.2023 23:24:53

Lowest Channel / 16QAM



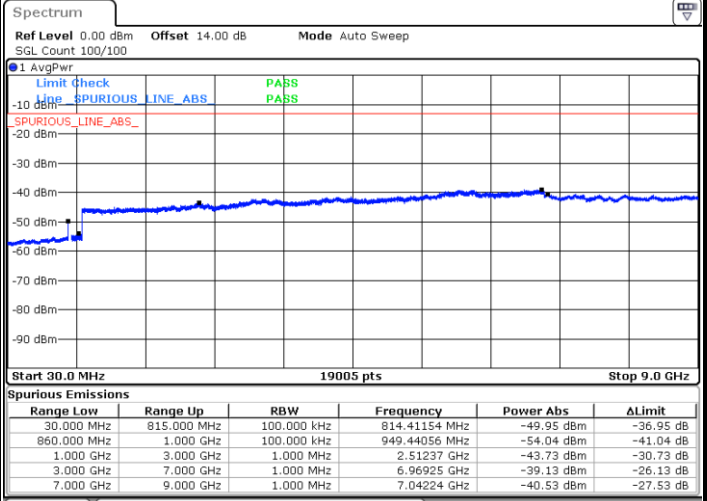
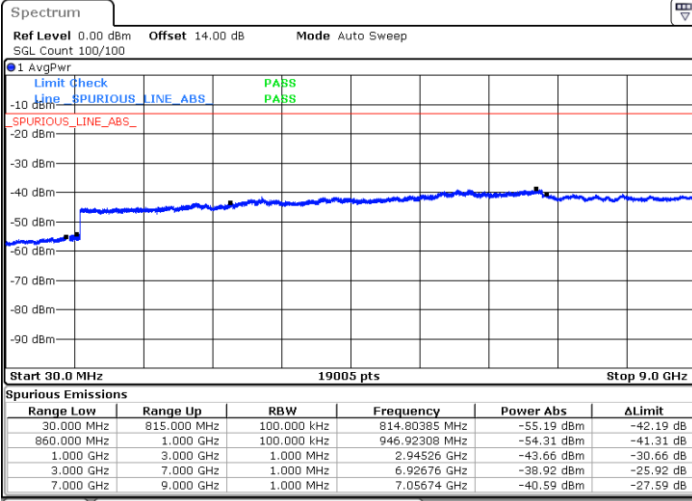
Date: 14.JAN.2023 23:25:46



LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

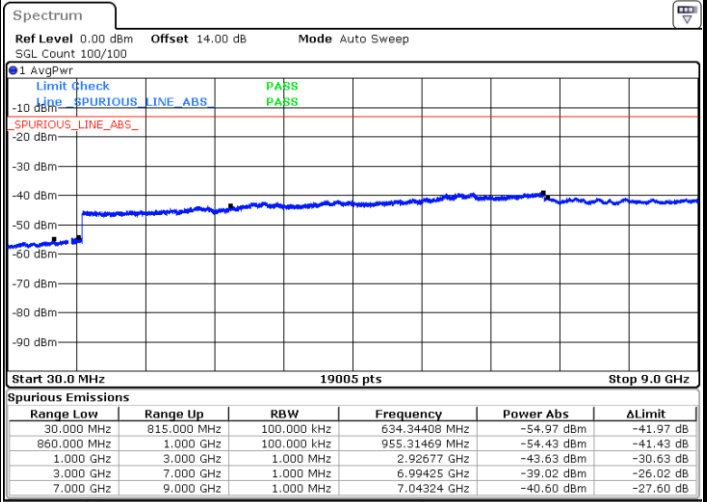
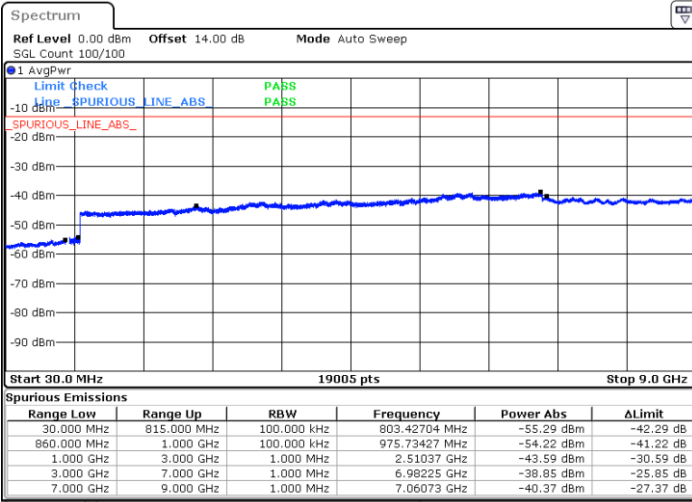


Date: 14.JAN.2023 23:28:07

Date: 14.JAN.2023 23:29:00

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14.JAN.2023 23:35:51

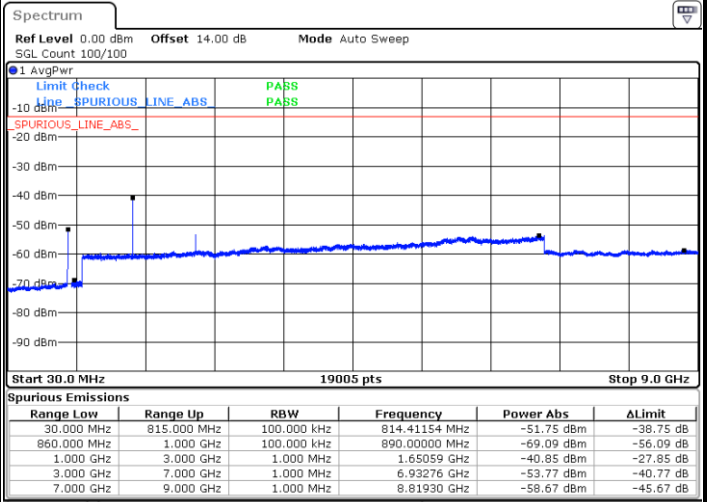
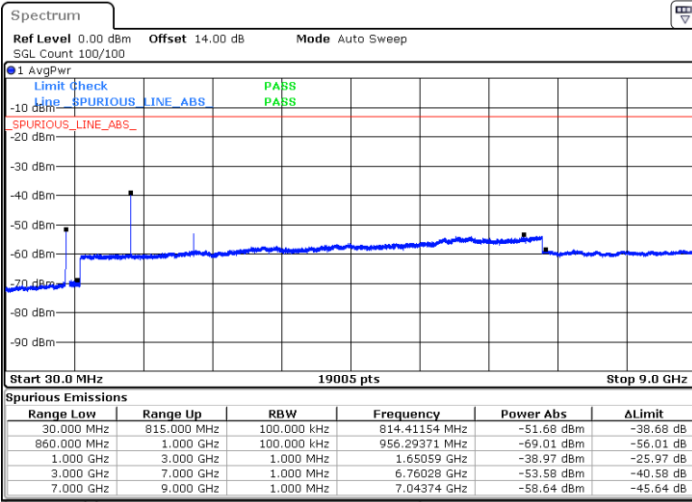
Date: 14.JAN.2023 23:36:43



LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

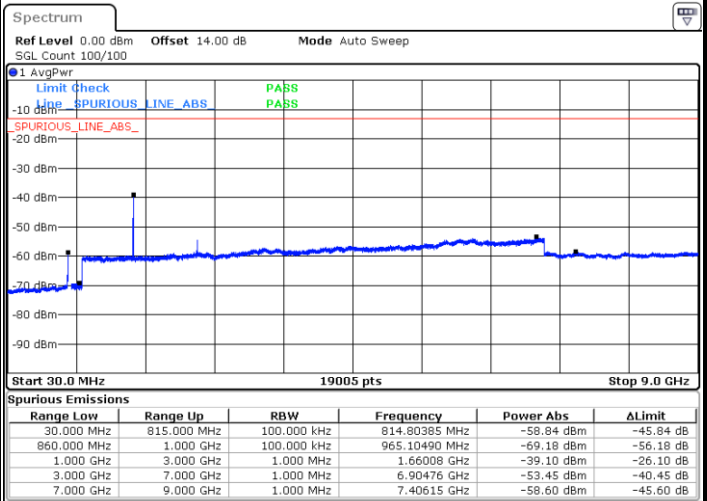
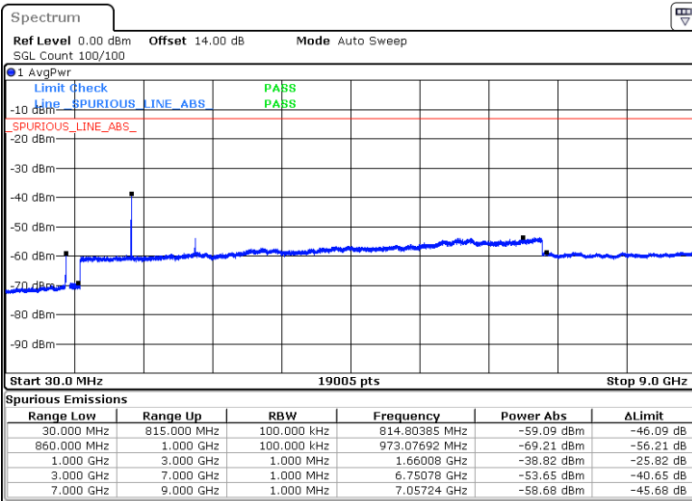


Date: 14.JAN.2023 23:43:15

Date: 14.JAN.2023 23:44:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14.JAN.2023 23:46:28

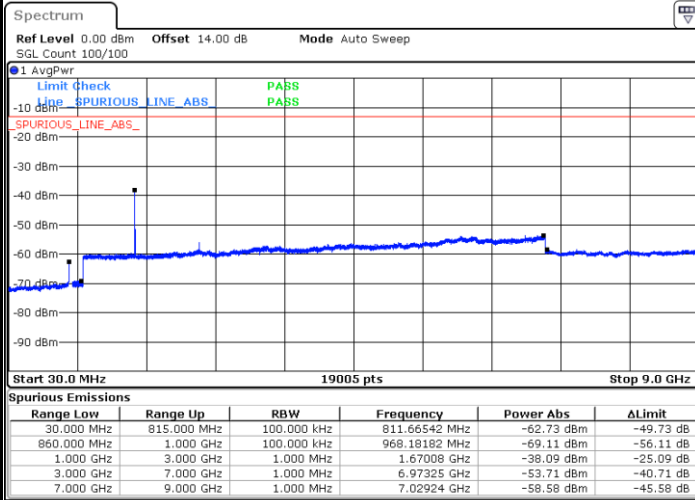
Date: 14.JAN.2023 23:47:21



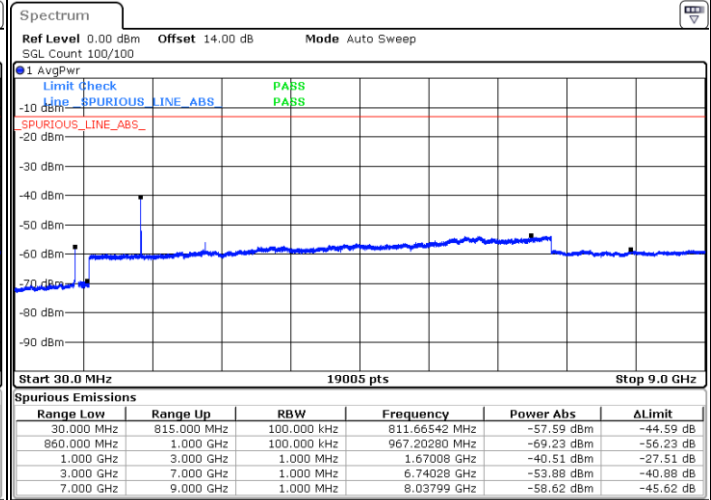
LTE Band 26 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14.JAN.2023 23:54:14



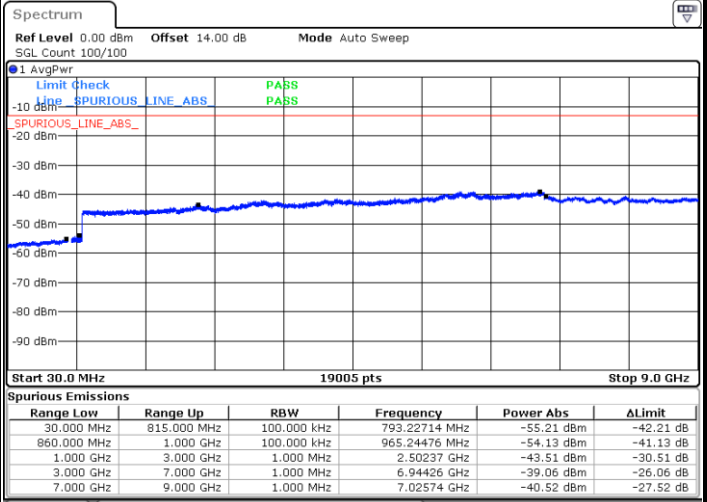
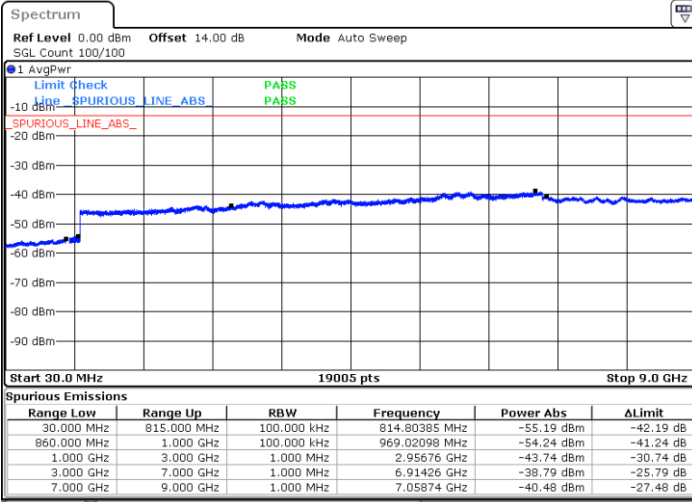
Date: 14.JAN.2023 23:55:07



LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

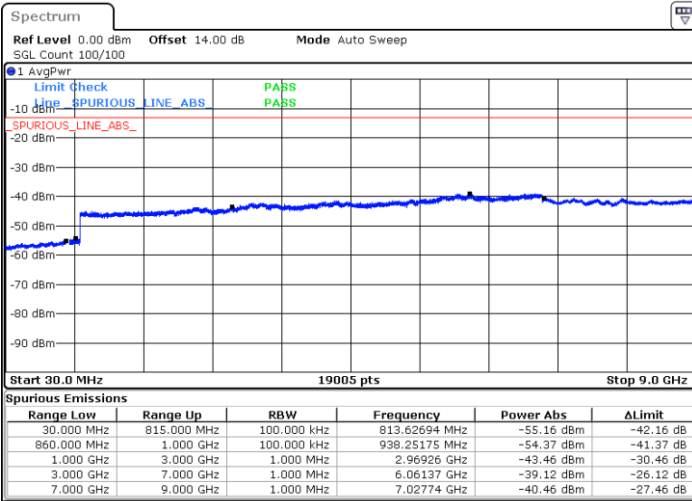
Middle Channel / 64QAM



Date: 15.JAN.2023 00:41:51

Date: 15.JAN.2023 00:43:23

Highest Channel / 64QAM



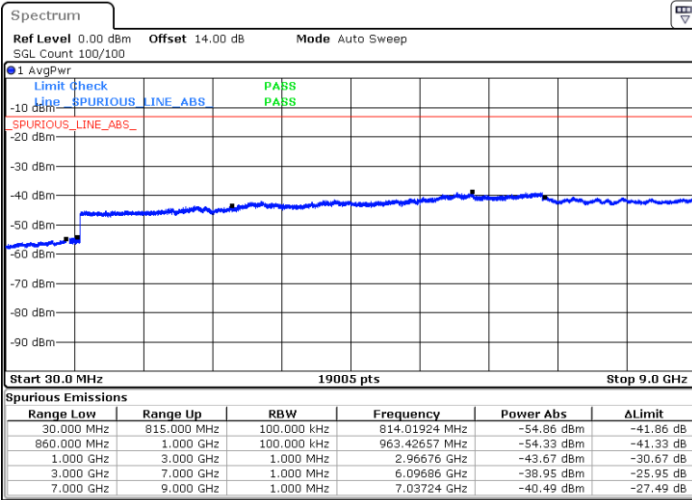
Date: 15.JAN.2023 00:48:06



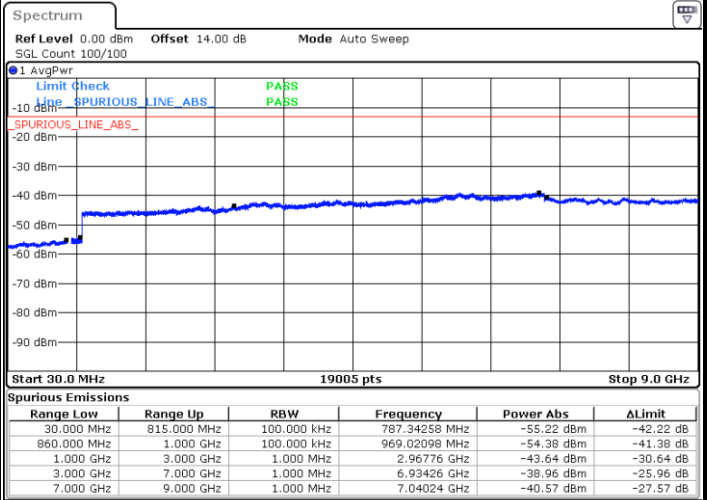
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

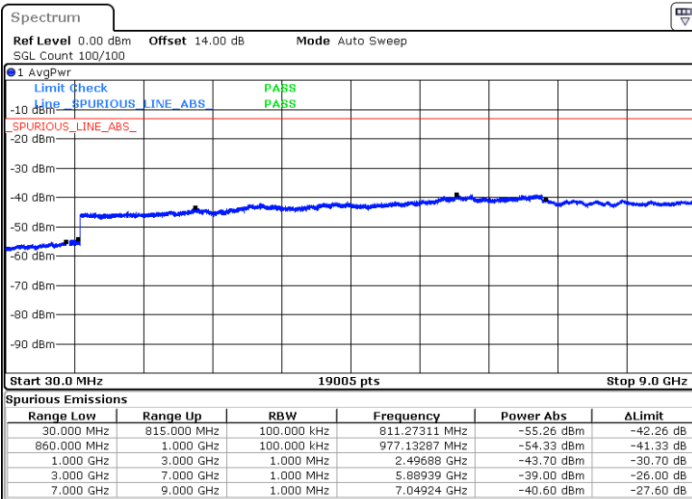


Date: 15.JAN.2023 00:51:35



Date: 15.JAN.2023 00:53:07

Highest Channel / 64QAM



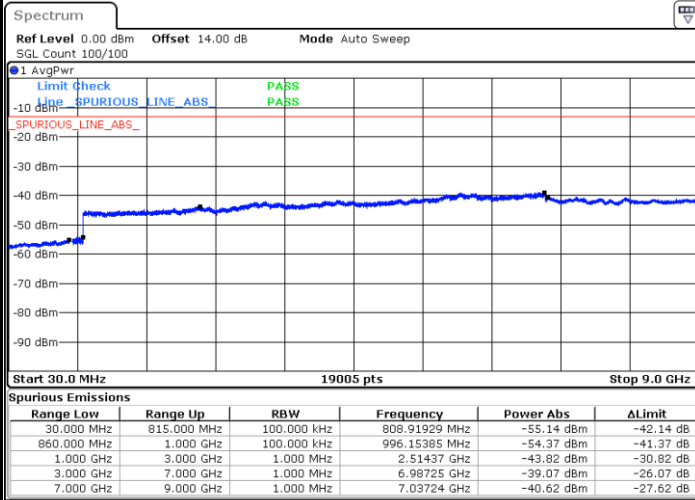
Date: 15.JAN.2023 00:56:55



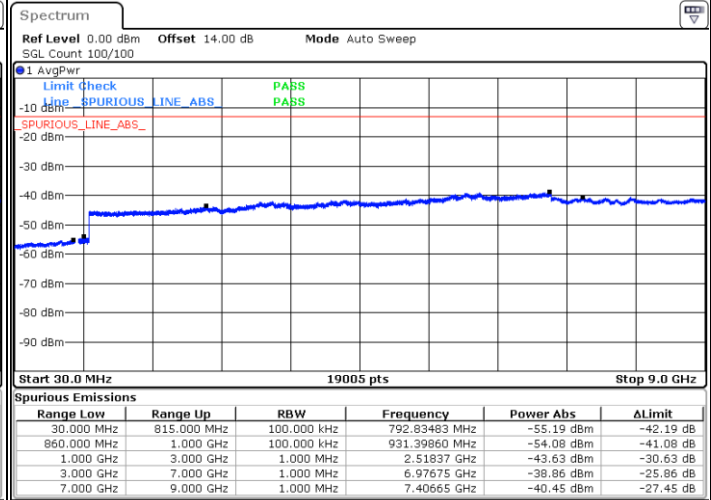
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

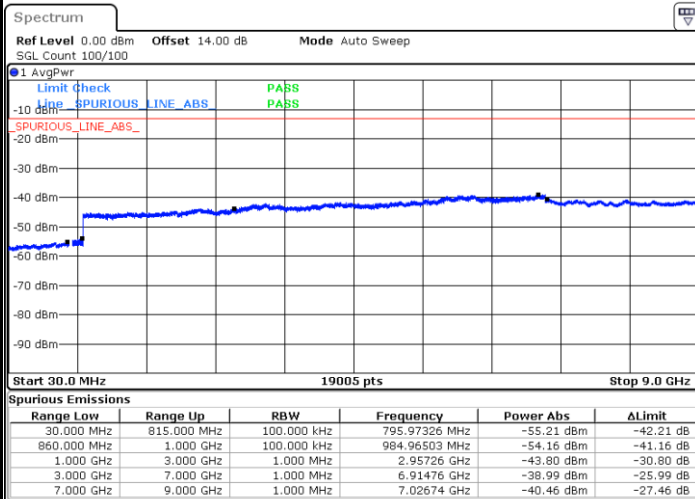


Date: 15.JAN.2023 01:00:24



Date: 15.JAN.2023 01:01:56

Highest Channel / 64QAM



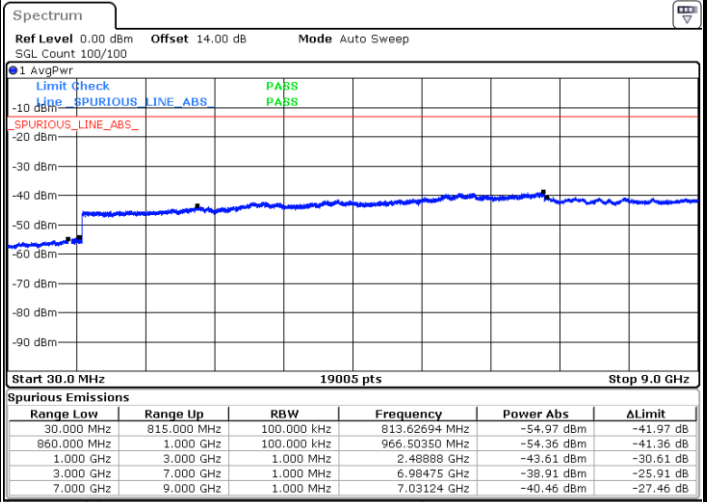
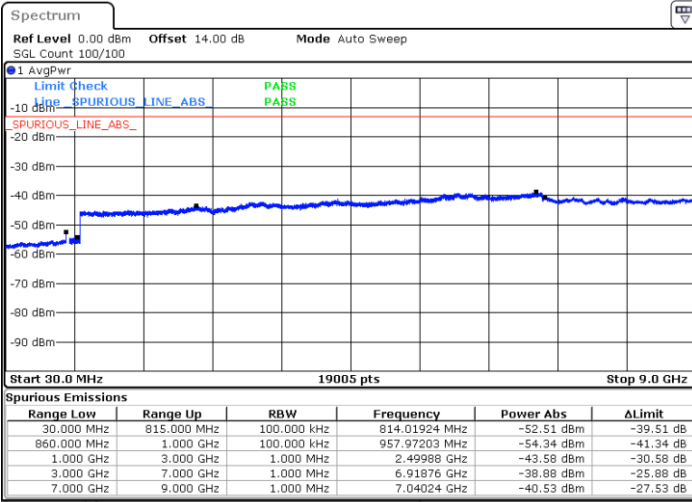
Date: 15.JAN.2023 01:05:44



LTE Band 26 / 10MHz

Lowest Channel / 64QAM

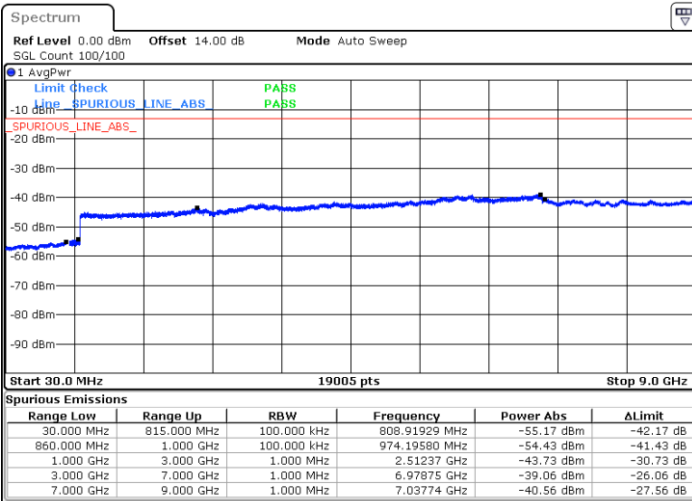
Middle Channel / 64QAM



Date: 15.JAN.2023 01:09:12

Date: 15.JAN.2023 01:10:44

Highest Channel / 64QAM



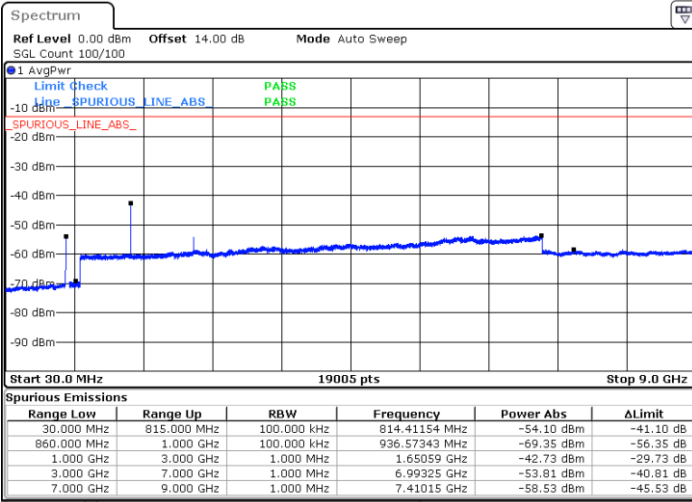
Date: 15.JAN.2023 01:14:32



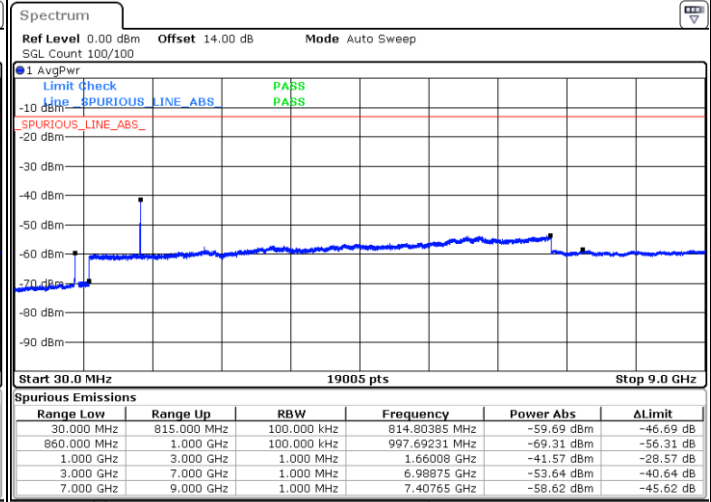
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

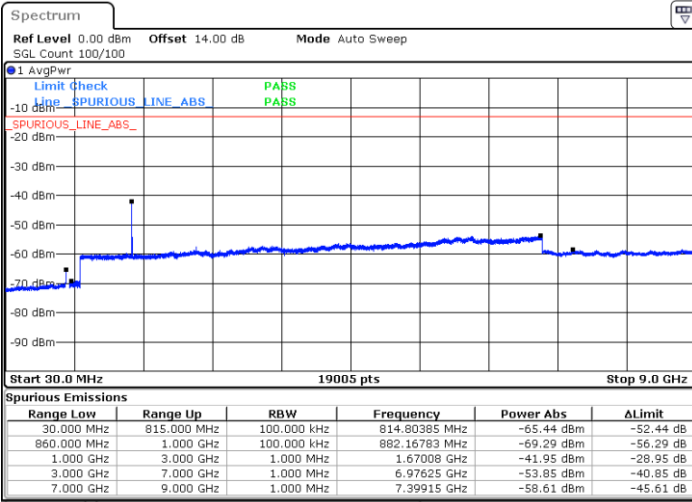


Date: 15.JAN.2023 01:18:01



Date: 15.JAN.2023 01:19:33

Highest Channel / 64QAM



Date: 15.JAN.2023 01:23:22



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 | 0.0020 | PASS |
| 40 | Normal Voltage | 0.0000 | |
| 30 | Normal Voltage | 0.0006 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0024 | |
| 0 | Normal Voltage | 0.0022 | |
| -10 | Normal Voltage | 0.0026 | |
| -20 | Normal Voltage | 0.0001 | |
| -30 | Normal Voltage | 0.0010 | |
| 20 | Maximum Voltage | 0.0002 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0006 | |

Note: Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.



LTE Band 66

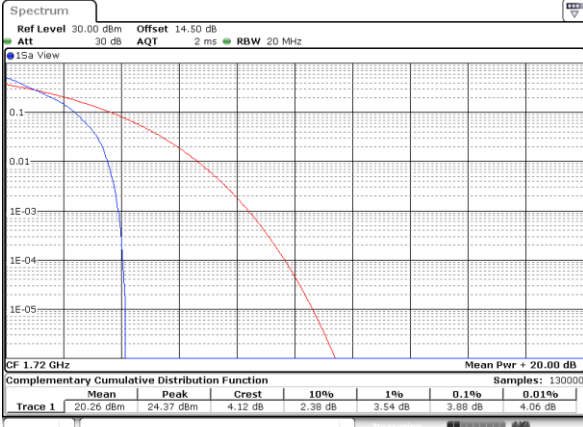
Peak-to-Average Ratio

| Mode | LTE Band 66 / 20MHz | | | | |
|------------|---------------------|---------|-------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.88 | 5.13 | 4.87 | 6.03 | PASS |
| Middle CH | 4.29 | 4.64 | 5.36 | 5.65 | |
| Highest CH | 3.80 | 4.81 | 4.55 | 5.71 | |
| Mode | LTE Band 66 / 20MHz | | | | |
| Mod. | 64QAM | | | | Limit: 13dB |
| RB Size | 1RB | Full RB | | | Result |
| Lowest CH | 5.65 | 6.41 | - | - | PASS |
| Middle CH | 6.14 | 6.06 | - | - | |
| Highest CH | 5.51 | 6.23 | - | - | |



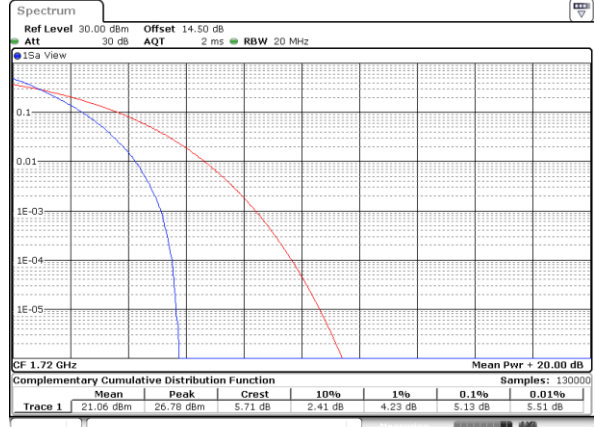
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



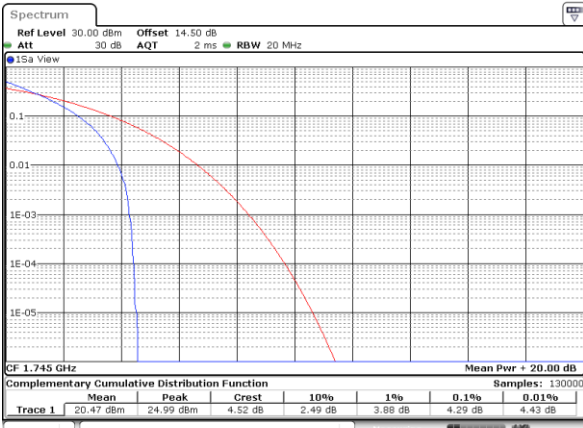
Date: 14_JAN_2023 20:40:02

Lowest Channel / Full RB



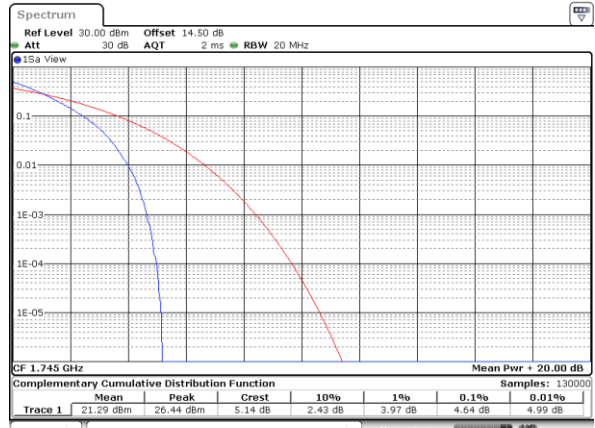
Date: 14_JAN_2023 20:40:28

Middle Channel / 1RB



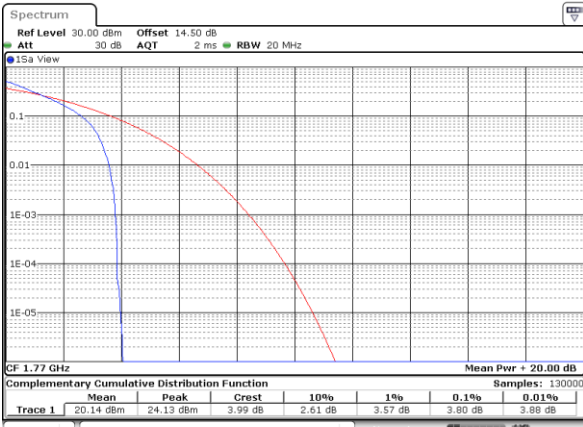
Date: 14_JAN_2023 20:40:54

Middle Channel / Full RB



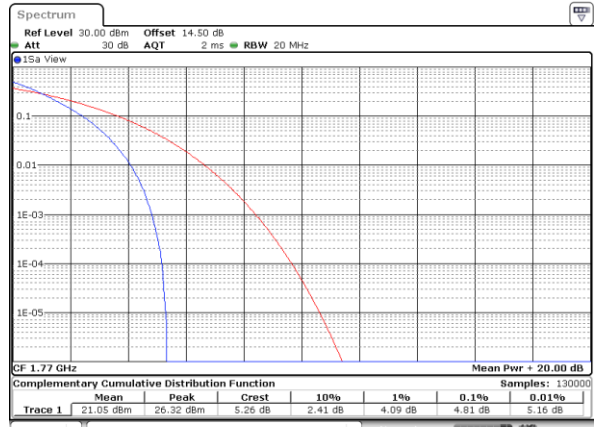
Date: 14_JAN_2023 20:41:20

Highest Channel / 1RB



Date: 14_JAN_2023 20:41:46

Highest Channel / Full RB

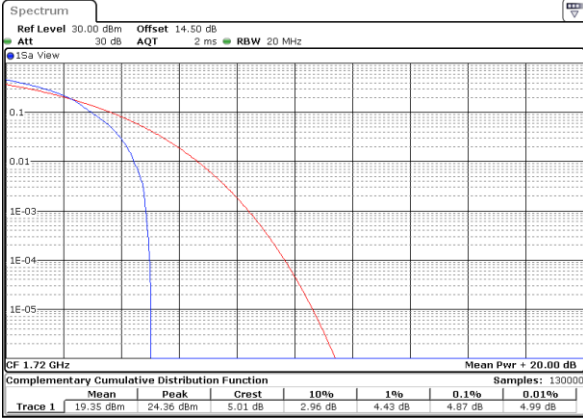


Date: 14_JAN_2023 20:42:12



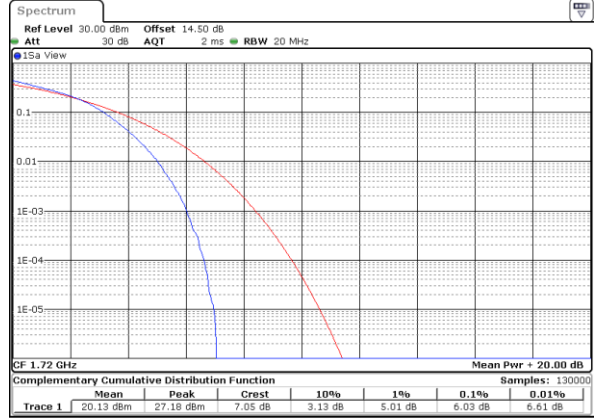
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



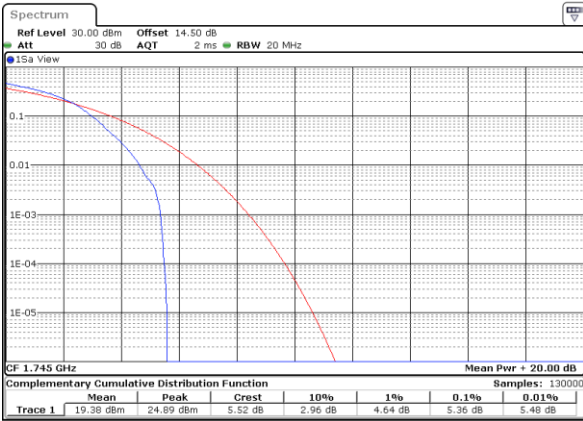
Date: 14_JAN.2023 20:37:28

Lowest Channel / Full RB



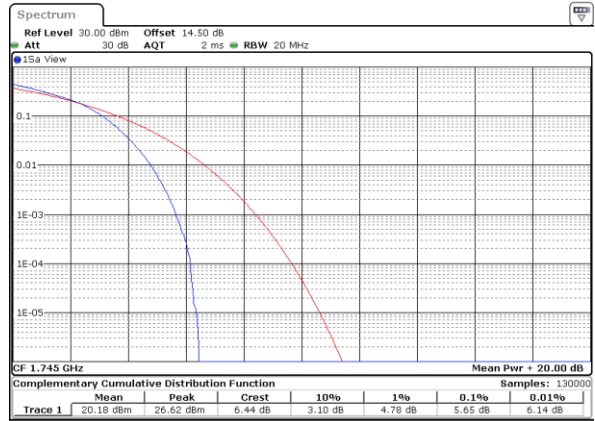
Date: 14_JAN.2023 20:37:54

Middle Channel / 1RB



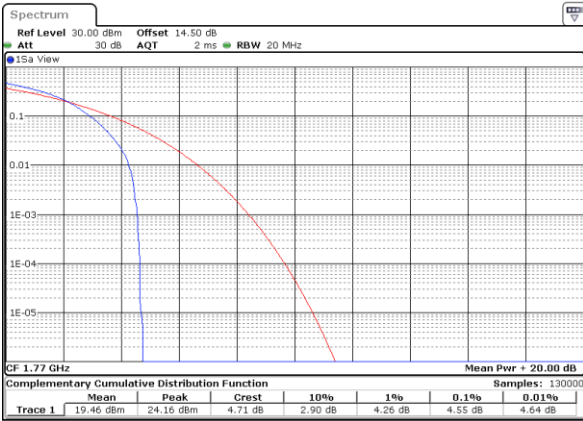
Date: 14_JAN.2023 20:38:19

Middle Channel / Full RB



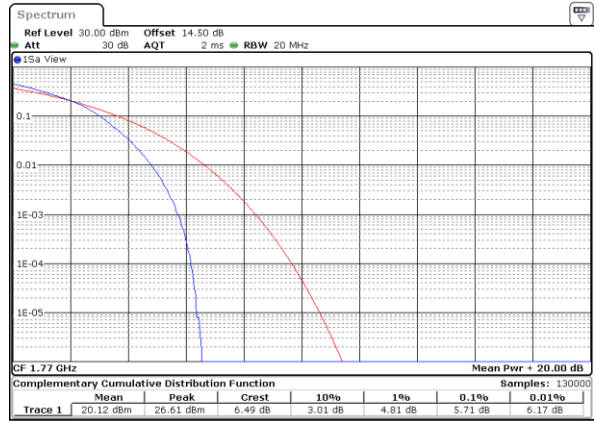
Date: 14_JAN.2023 20:38:45

Highest Channel / 1RB



Date: 14_JAN.2023 20:39:11

Highest Channel / Full RB

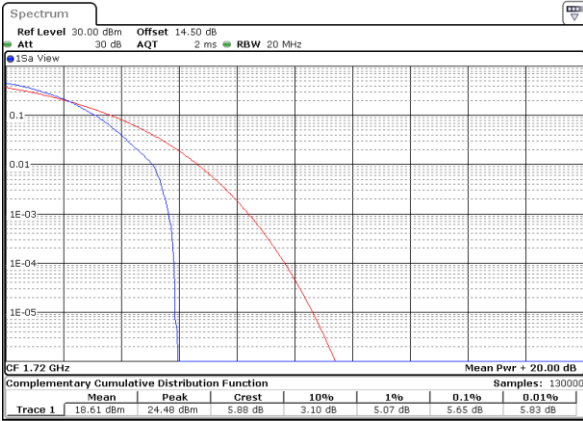


Date: 14_JAN.2023 20:39:37



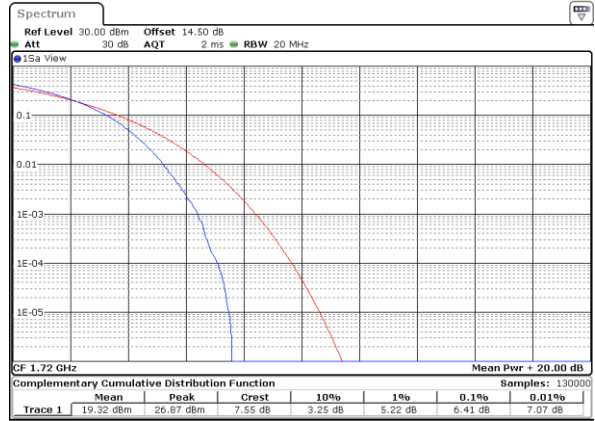
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



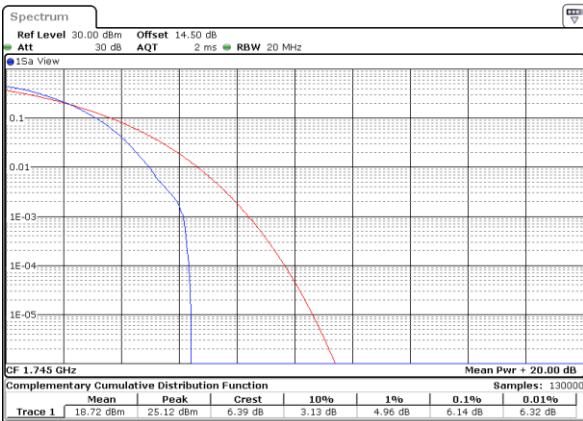
Date: 14_JAN.2023 21:49:05

Lowest Channel / Full RB



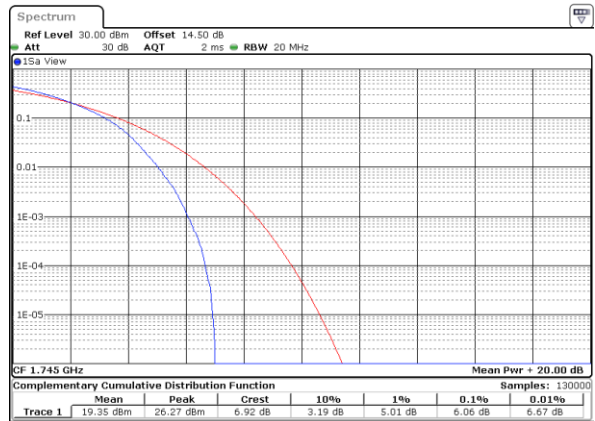
Date: 14_JAN.2023 21:49:31

Middle Channel / 1RB



Date: 14_JAN.2023 21:49:56

Middle Channel / Full RB



Date: 14_JAN.2023 21:50:22

Highest Channel / 1RB



Date: 14_JAN.2023 21:50:48

Highest Channel / Full RB



Date: 14_JAN.2023 21:51:14



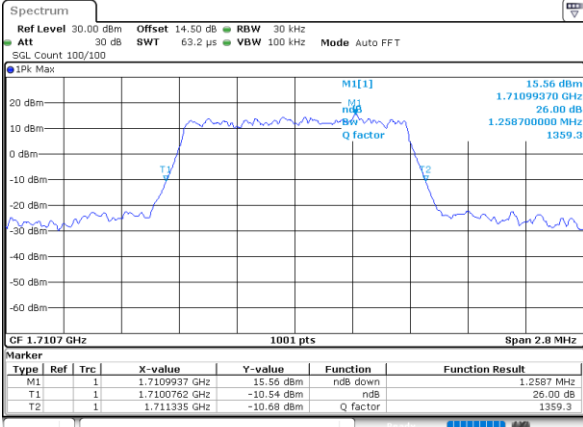
26dB Bandwidth

| 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 | 1.26 | 1.29 | 3.01 | 3.00 | 4.90 | 4.89 | 9.69 | 9.85 | 14.39 | 14.21 | 18.74 | 18.90 |
| Middle CH | 1.28 | 1.27 | 2.98 | 3.02 | 4.87 | 4.90 | 9.67 | 9.67 | 14.45 | 14.48 | 18.74 | 18.90 |
| Highest CH | 1.25 | 1.27 | 3.01 | 3.01 | 4.90 | 4.92 | 9.73 | 9.81 | 14.30 | 14.33 | 19.02 | 18.70 |
| Mode | LTE Band 66 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.26 | - | 3.03 | - | 4.80 | - | 9.73 | - | 14.30 | - | 18.90 | - |
| Middle CH | 1.23 | - | 2.99 | - | 4.89 | - | 9.81 | - | 14.42 | - | 18.78 | - |
| Highest CH | 1.25 | - | 3.00 | - | 4.93 | - | 9.65 | - | 14.21 | - | 18.94 | - |



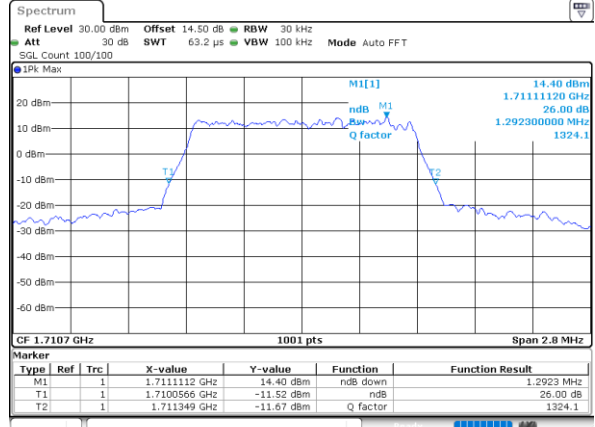
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



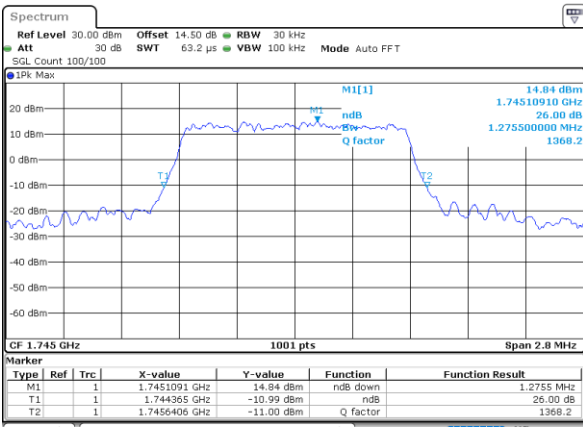
Date: 14_JAN_2023 02:32:30

Lowest Channel / 1.4MHz / 16QAM



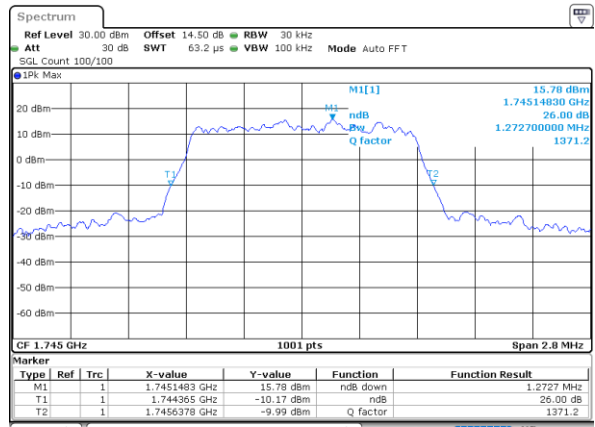
Date: 14_JAN_2023 02:38:10

Middle Channel / 1.4MHz / QPSK



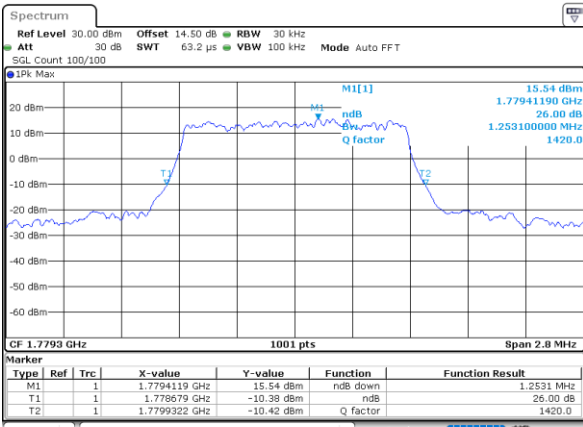
Date: 14_JAN_2023 02:45:05

Middle Channel / 1.4MHz / 16QAM



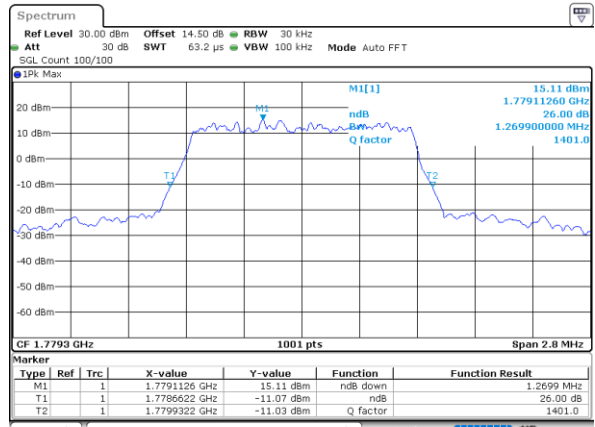
Date: 14_JAN_2023 02:45:29

Highest Channel / 1.4MHz / QPSK



Date: 14_JAN_2023 02:48:29

Highest Channel / 1.4MHz / 16QAM

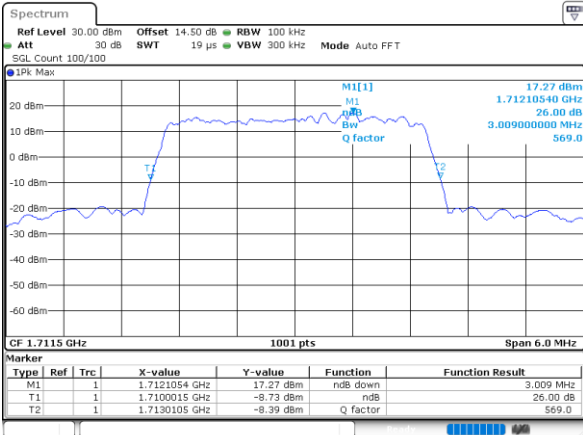


Date: 14_JAN_2023 02:48:53



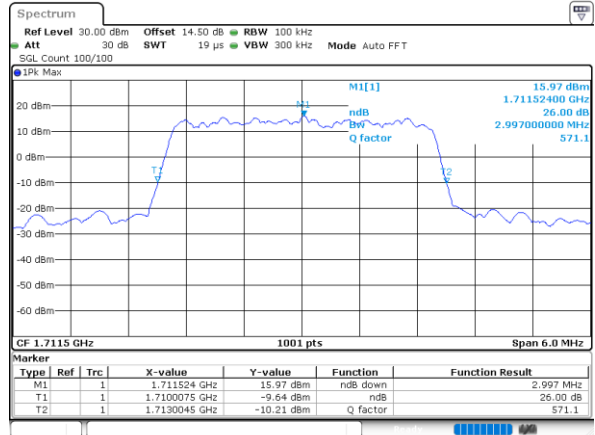
LTE Band 66

Lowest Channel / 3MHz / QPSK



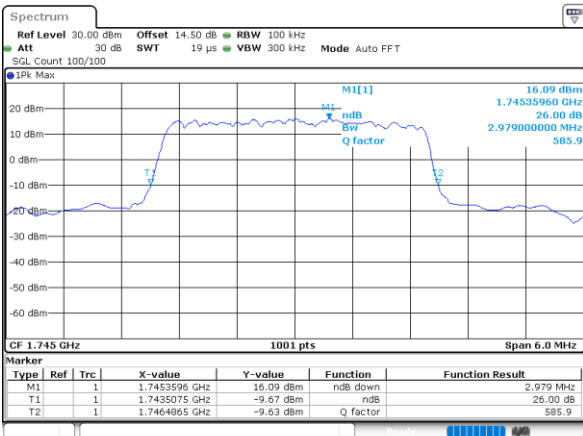
Date: 14_JAN_2023 02:56:55

Lowest Channel / 3MHz / 16QAM



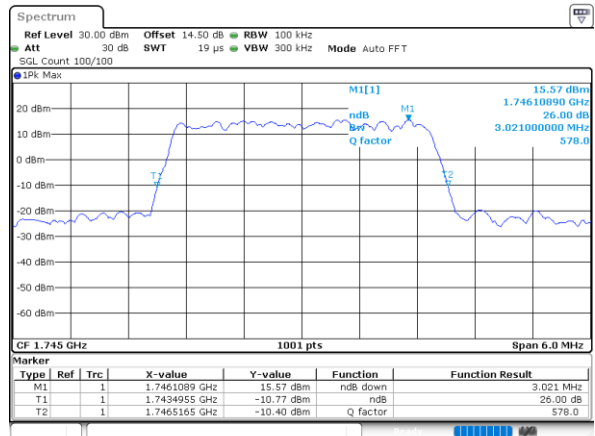
Date: 14_JAN_2023 02:57:19

Middle Channel / 3MHz / QPSK



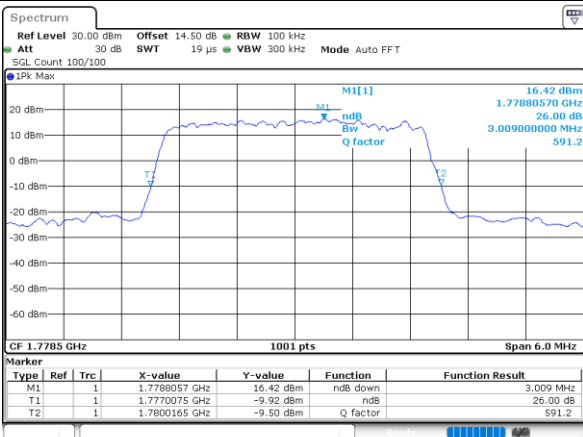
Date: 14_JAN_2023 03:04:49

Middle Channel / 3MHz / 16QAM



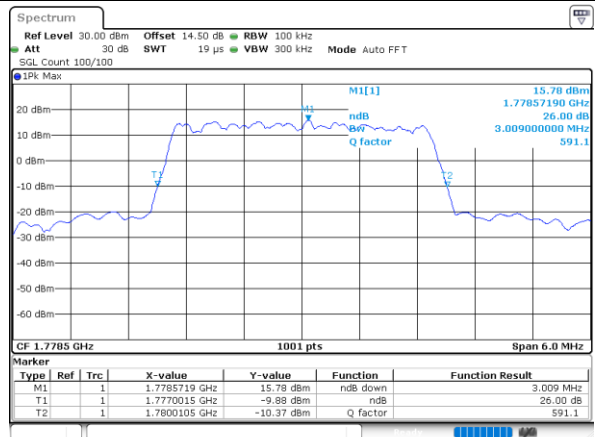
Date: 14_JAN_2023 03:05:13

Highest Channel / 3MHz / QPSK



Date: 14_JAN_2023 03:08:13

Highest Channel / 3MHz / 16QAM

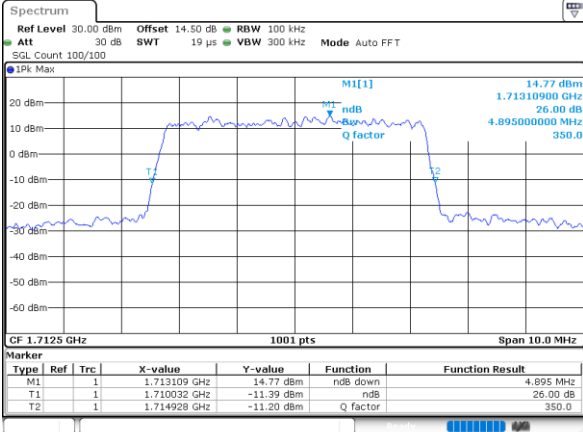


Date: 14_JAN_2023 03:08:37



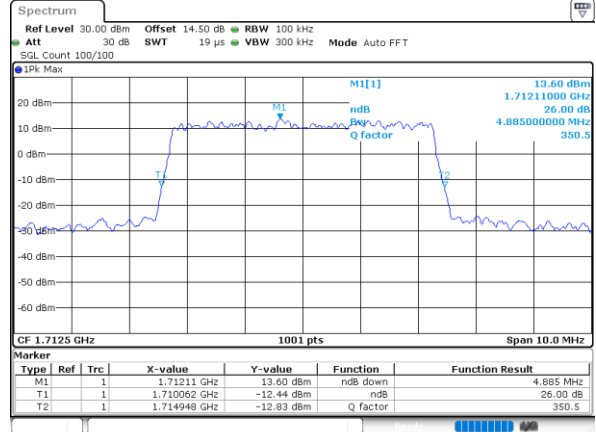
LTE Band 66

Lowest Channel / 5MHz / QPSK



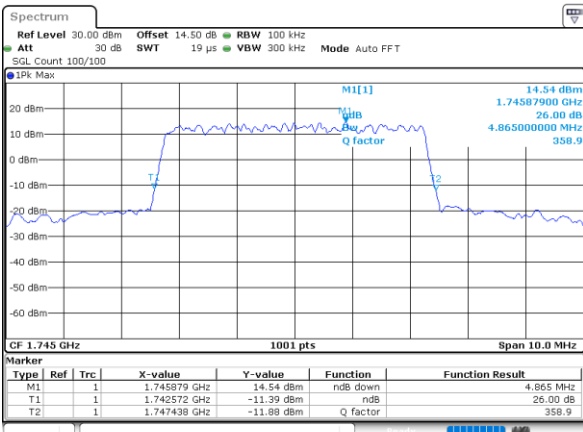
Date: 14_JAN_2023 03:16:06

Lowest Channel / 5MHz / 16QAM



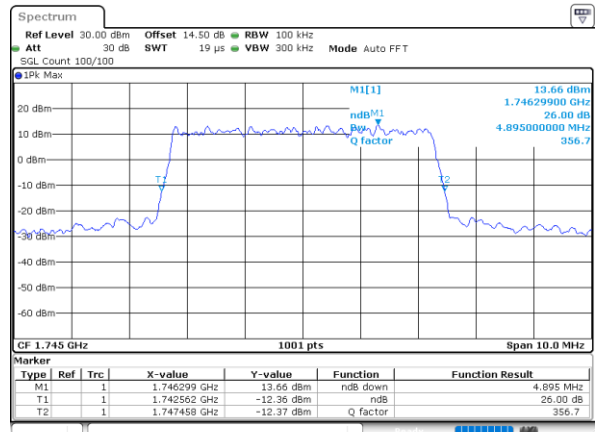
Date: 14_JAN_2023 03:16:30

Middle Channel / 5MHz / QPSK



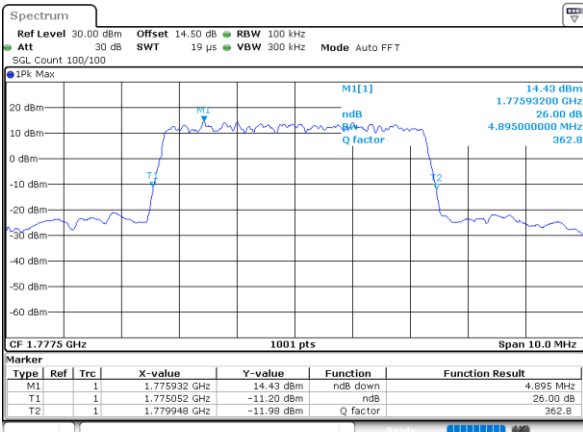
Date: 14_JAN_2023 03:24:00

Middle Channel / 5MHz / 16QAM



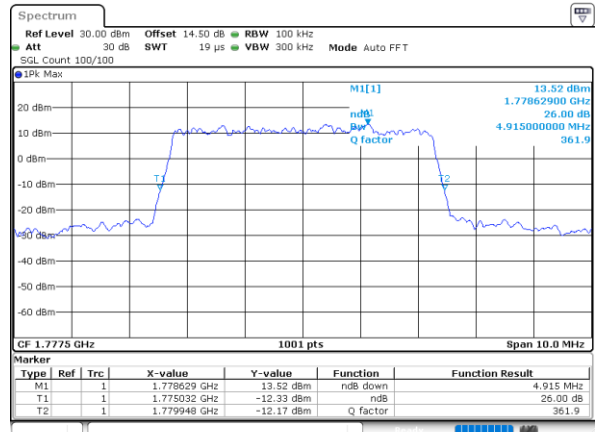
Date: 14_JAN_2023 03:24:24

Highest Channel / 5MHz / QPSK



Date: 14_JAN_2023 03:27:23

Highest Channel / 5MHz / 16QAM

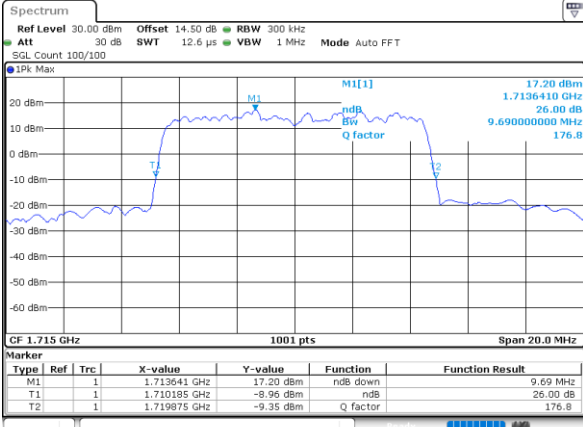


Date: 14_JAN_2023 03:27:48



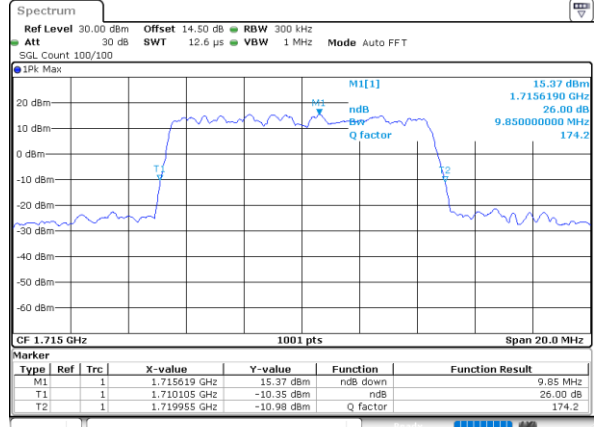
LTE Band 66

Lowest Channel / 10MHz / QPSK



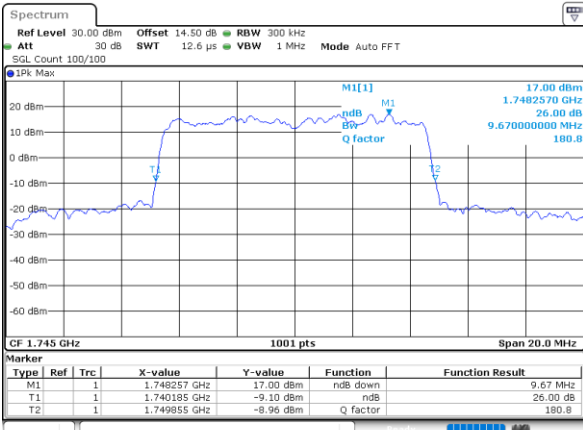
Date: 14_JAN_2023 19:21:09

Lowest Channel / 10MHz / 16QAM



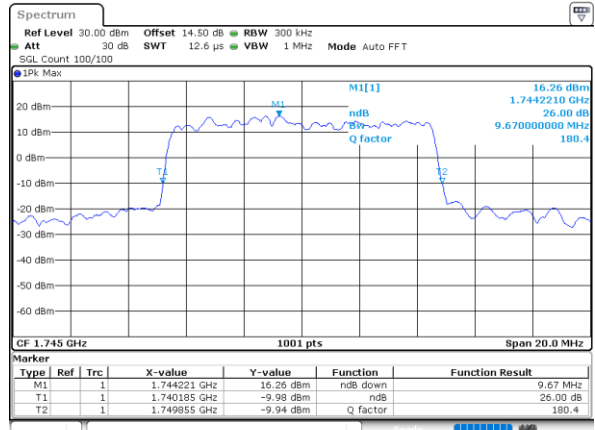
Date: 14_JAN_2023 19:21:33

Middle Channel / 10MHz / QPSK



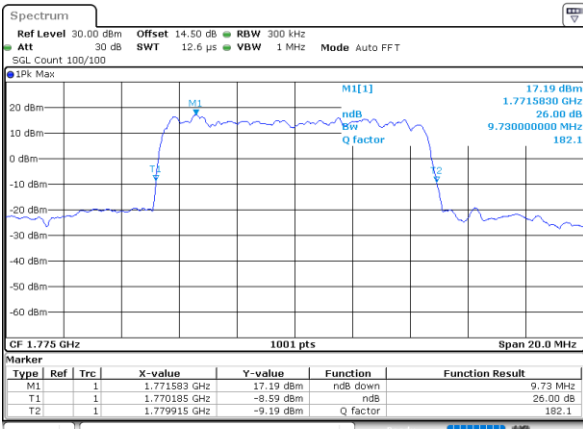
Date: 14_JAN_2023 19:28:42

Middle Channel / 10MHz / 16QAM



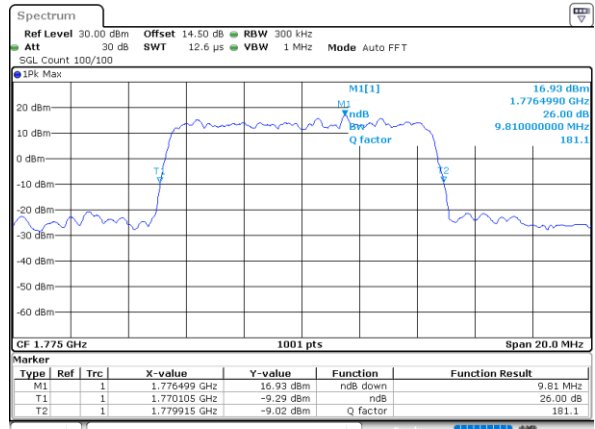
Date: 14_JAN_2023 19:29:07

Highest Channel / 10MHz / QPSK



Date: 14_JAN_2023 19:32:06

Highest Channel / 10MHz / 16QAM

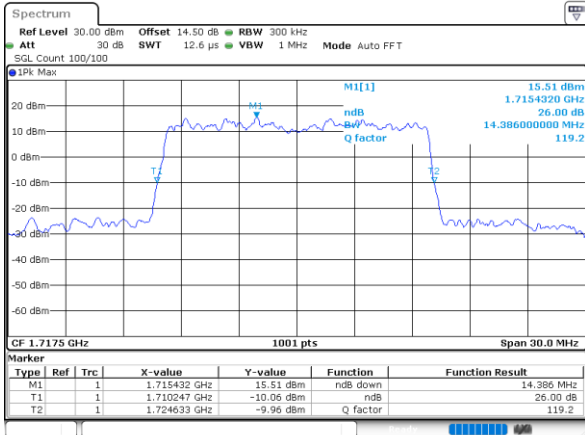


Date: 14_JAN_2023 19:32:30



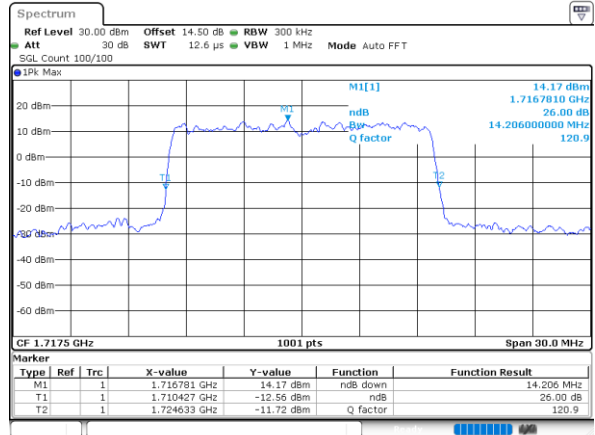
LTE Band 66

Lowest Channel / 15MHz / QPSK



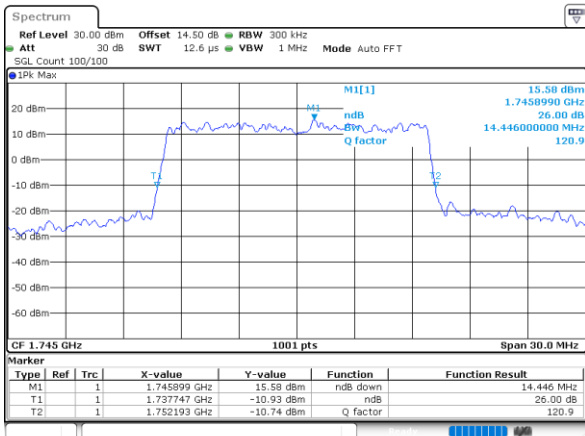
Date: 14_JAN_2023 20:02:29

Lowest Channel / 15MHz / 16QAM



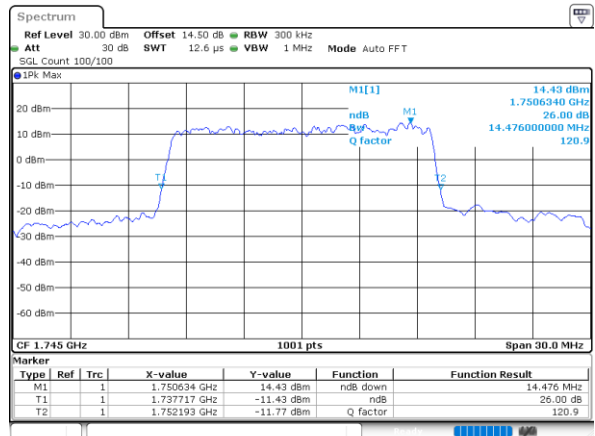
Date: 14_JAN_2023 20:02:53

Middle Channel / 15MHz / QPSK



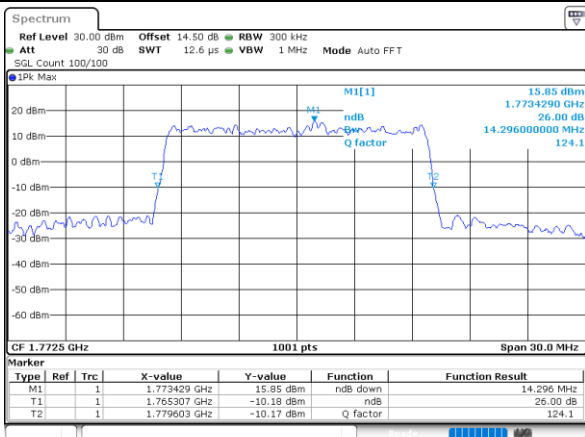
Date: 14_JAN_2023 20:09:43

Middle Channel / 15MHz / 16QAM



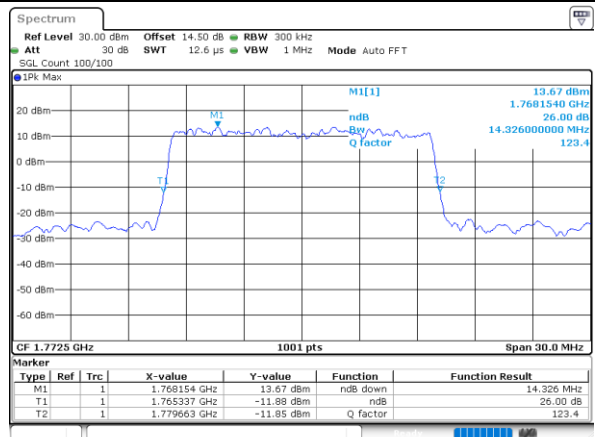
Date: 14_JAN_2023 20:10:08

Highest Channel / 15MHz / QPSK



Date: 14_JAN_2023 20:13:08

Highest Channel / 15MHz / 16QAM

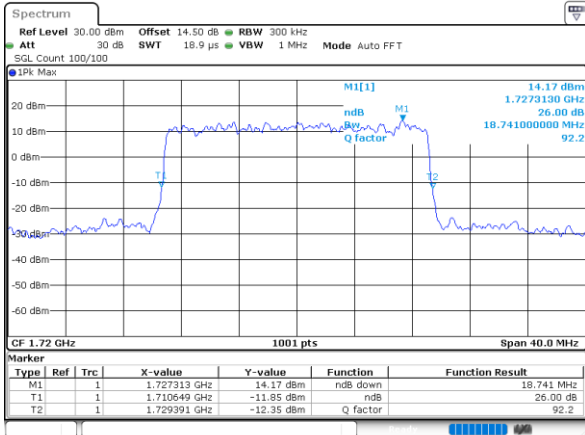


Date: 14_JAN_2023 20:13:32



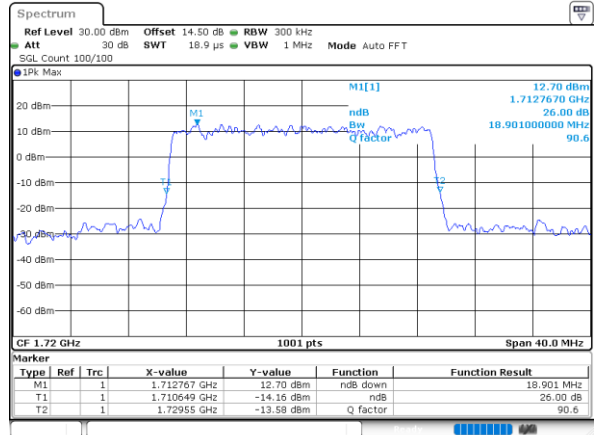
LTE Band 66

Lowest Channel / 20MHz / QPSK



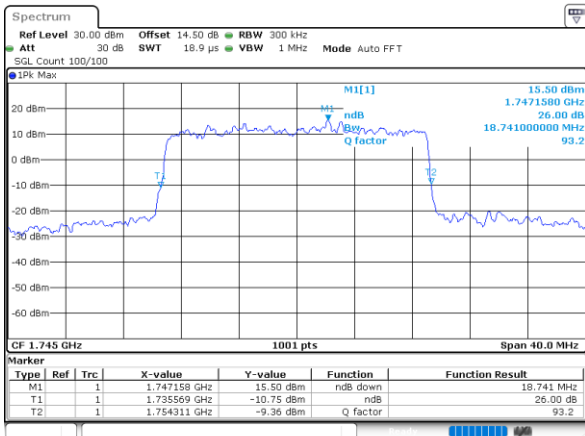
Date: 14_JAN_2023 20:20:23

Lowest Channel / 20MHz / 16QAM



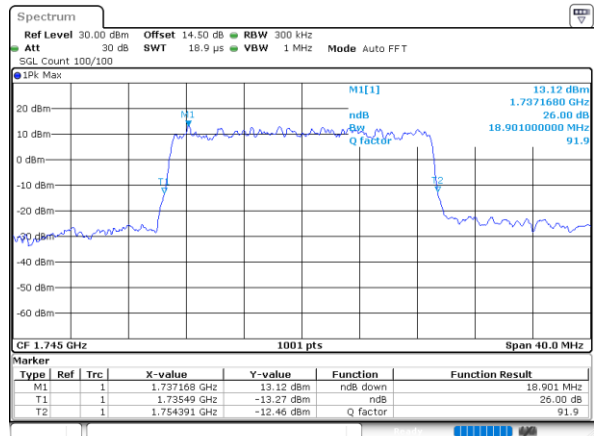
Date: 14_JAN_2023 20:20:47

Middle Channel / 20MHz / QPSK



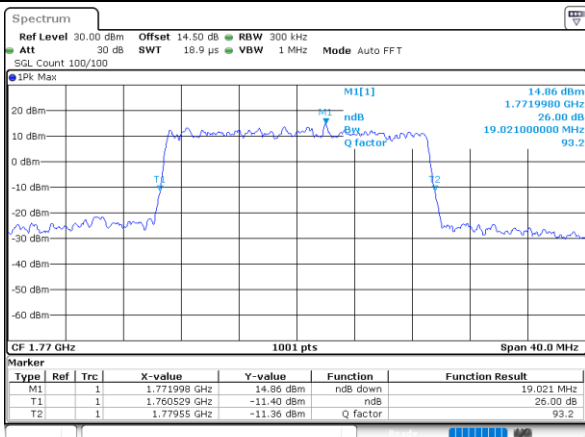
Date: 14_JAN_2023 20:27:37

Middle Channel / 20MHz / 16QAM



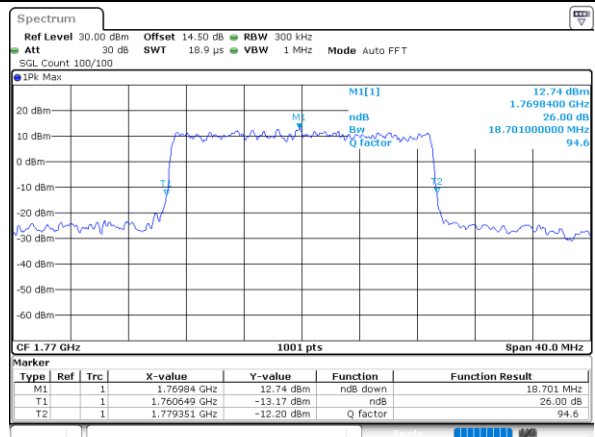
Date: 14_JAN_2023 20:28:01

Highest Channel / 20MHz / QPSK



Date: 14_JAN_2023 20:31:01

Highest Channel / 20MHz / 16QAM

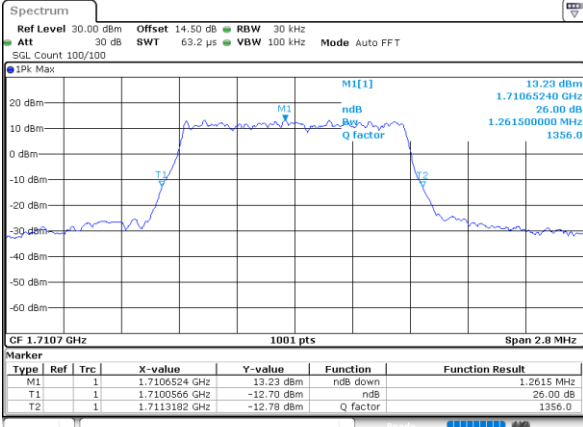


Date: 14_JAN_2023 20:31:25



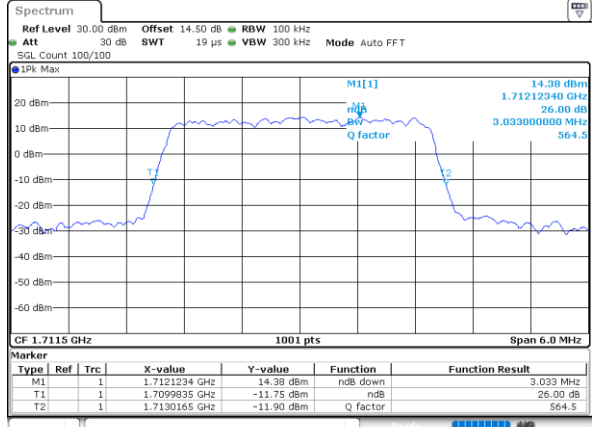
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



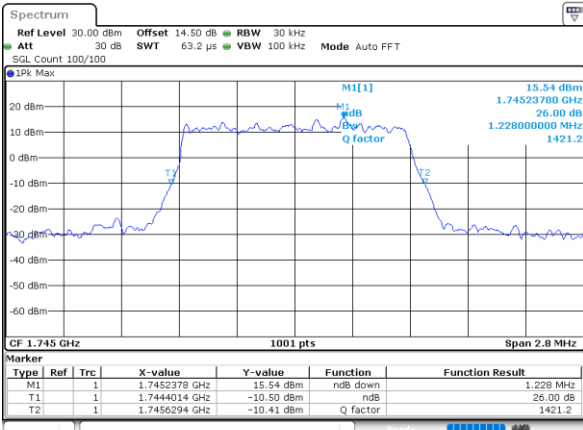
Date: 14_JAN_2023 20:54:13

Lowest Channel / 3MHz / 64QAM



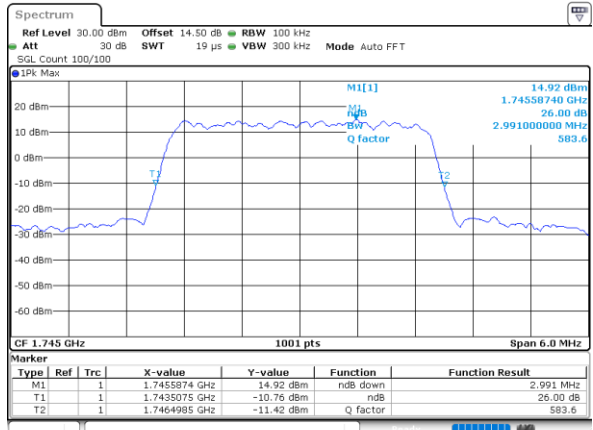
Date: 14_JAN_2023 21:03:50

Middle Channel / 1.4MHz / 64QAM



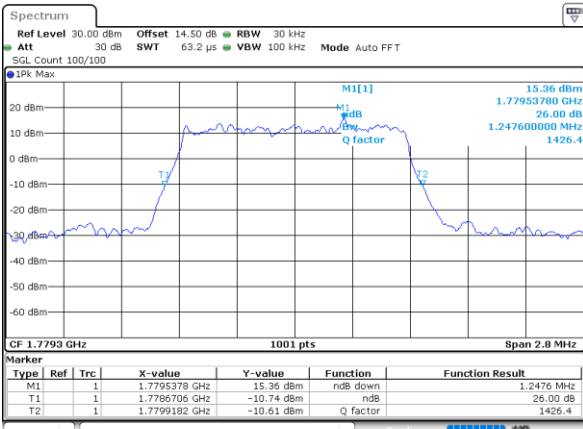
Date: 14_JAN_2023 20:58:15

Middle Channel / 3MHz / 64QAM



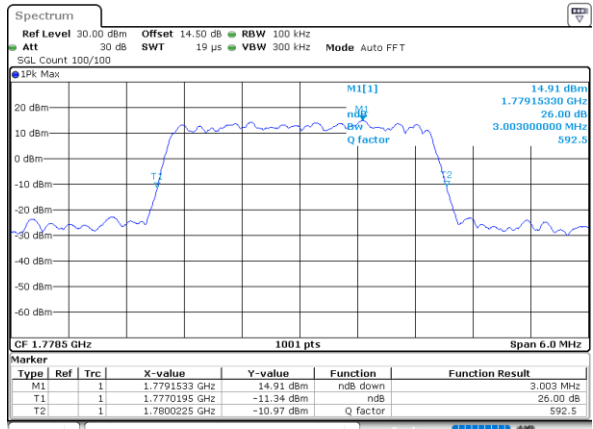
Date: 14_JAN_2023 21:07:29

Highest Channel / 1.4MHz / 64QAM



Date: 14_JAN_2023 20:59:47

Highest Channel / 3MHz / 64QAM

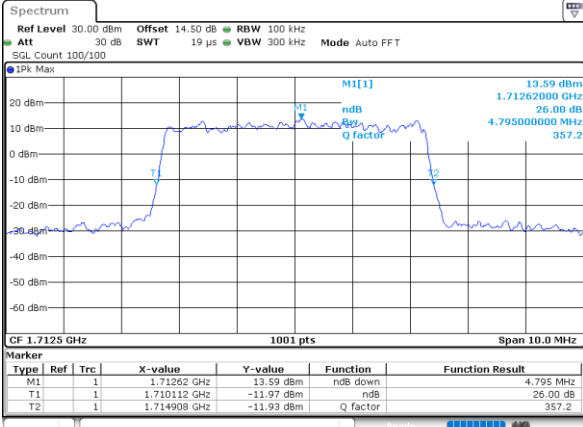


Date: 14_JAN_2023 21:09:01



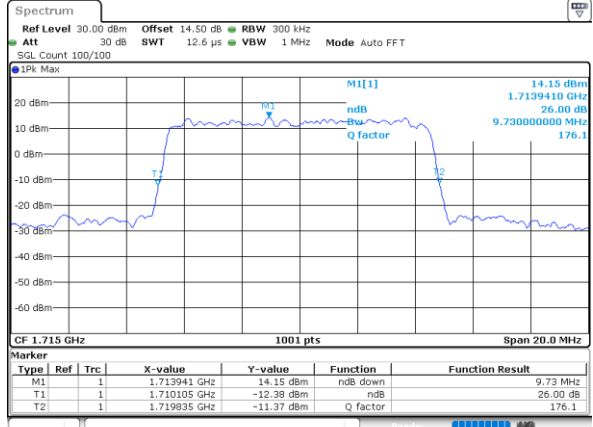
LTE Band 66

Lowest Channel / 5MHz / 64QAM



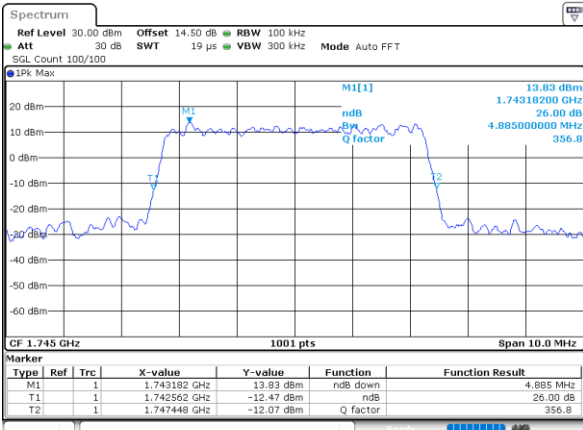
Date: 14_JAN_2023 21:12:49

Lowest Channel / 10MHz / 64QAM



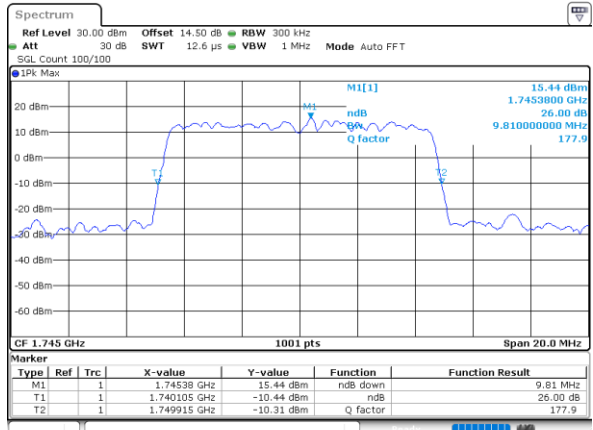
Date: 14_JAN_2023 21:12:156

Middle Channel / 5MHz / 64QAM



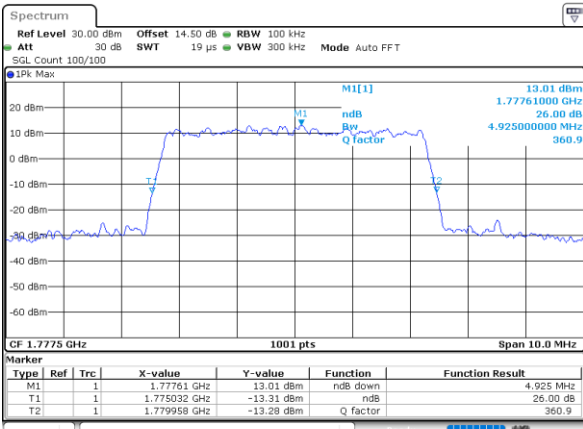
Date: 14_JAN_2023 21:16:06

Middle Channel / 10MHz / 64QAM



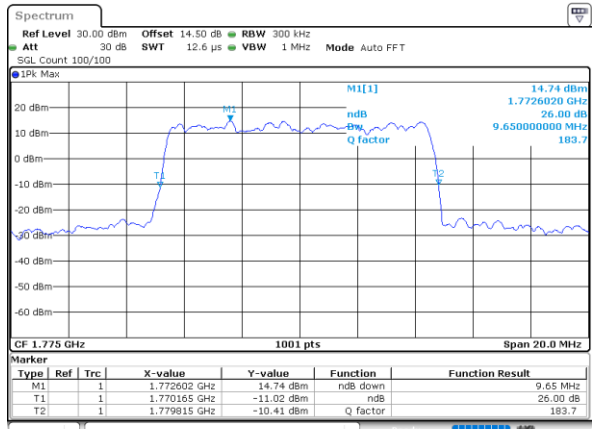
Date: 14_JAN_2023 21:25:43

Highest Channel / 5MHz / 64QAM



Date: 14_JAN_2023 21:18:08

Highest Channel / 10MHz / 64QAM



Date: 14_JAN_2023 21:27:16