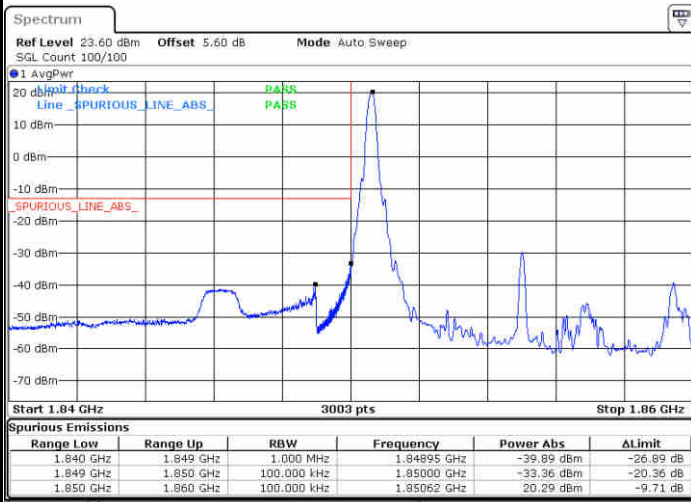




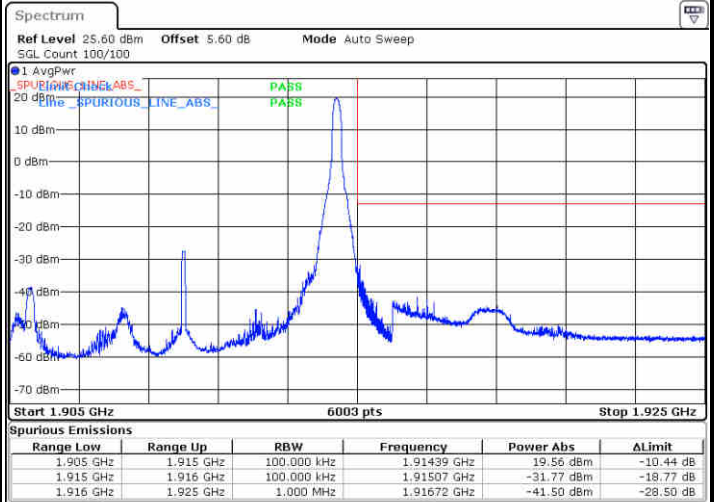
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



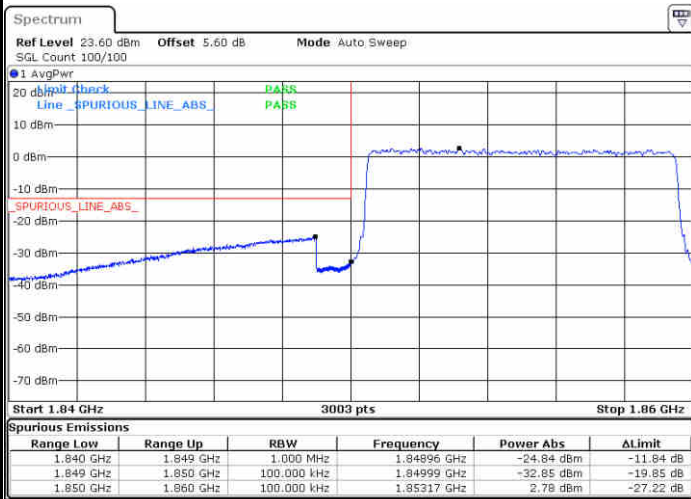
Date: 22.OCT.2019 01:22:04

Highest Band Edge / 1 RB



Date: 22.OCT.2019 01:36:15

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:18:41

Highest Band Edge / Full RB

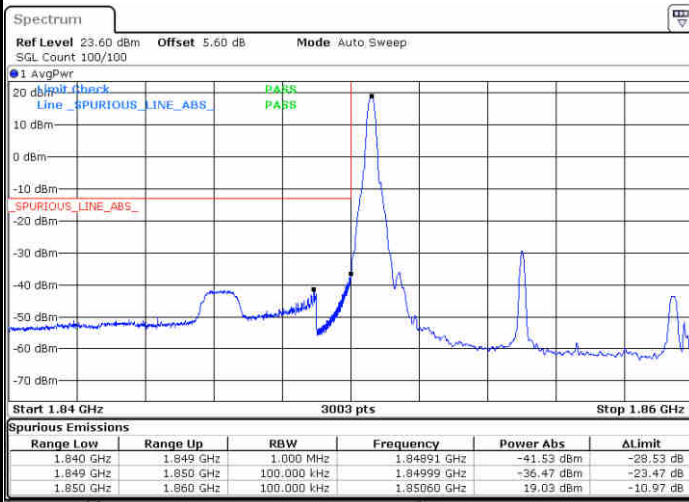


Date: 22.OCT.2019 01:32:53



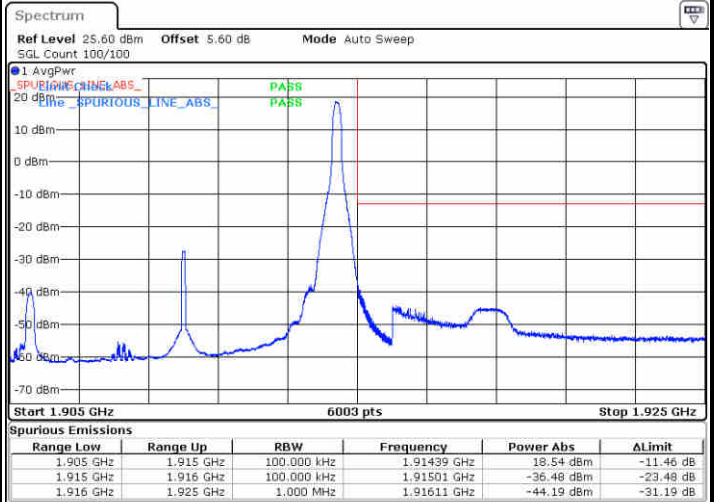
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



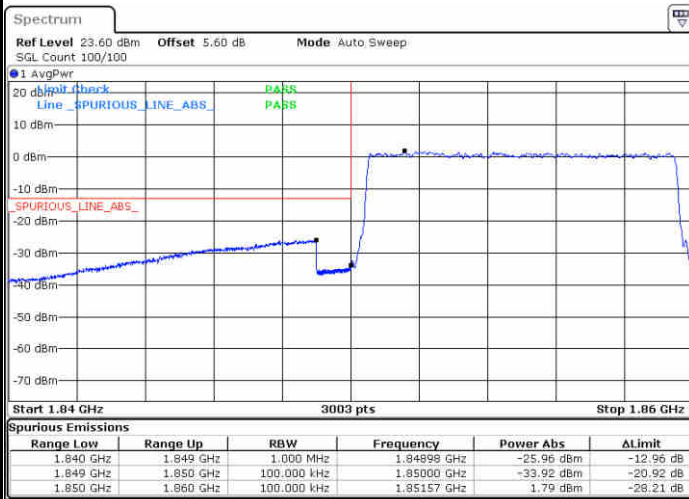
Date: 22.OCT.2019 01:23:11

Highest Band Edge / 1 RB



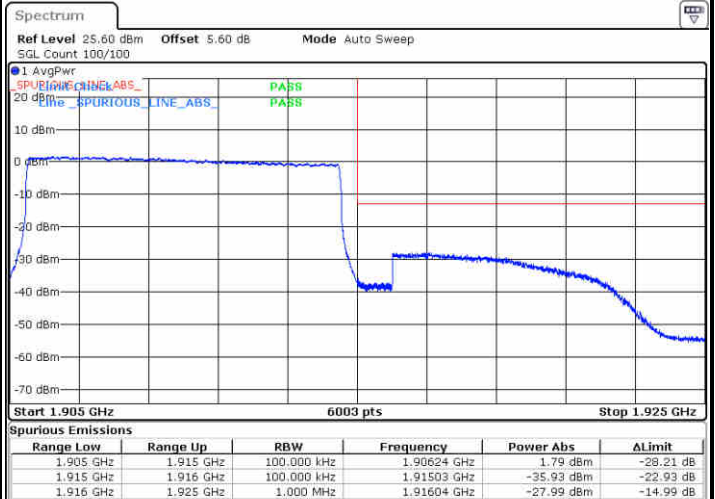
Date: 22.OCT.2019 01:37:23

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:17:34

Highest Band Edge / Full RB

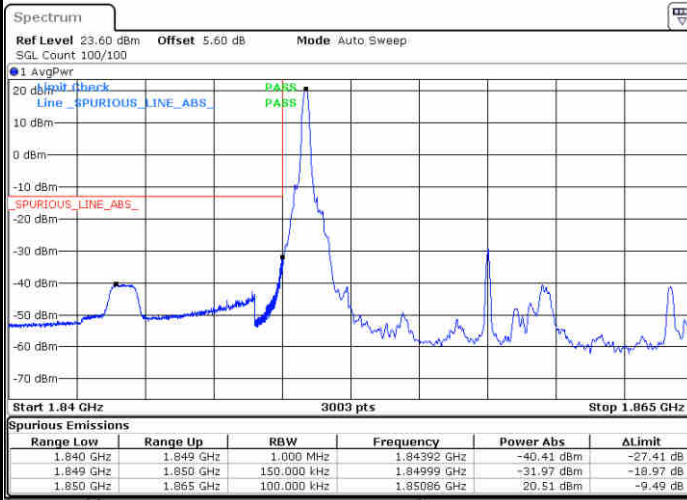


Date: 22.OCT.2019 01:31:45



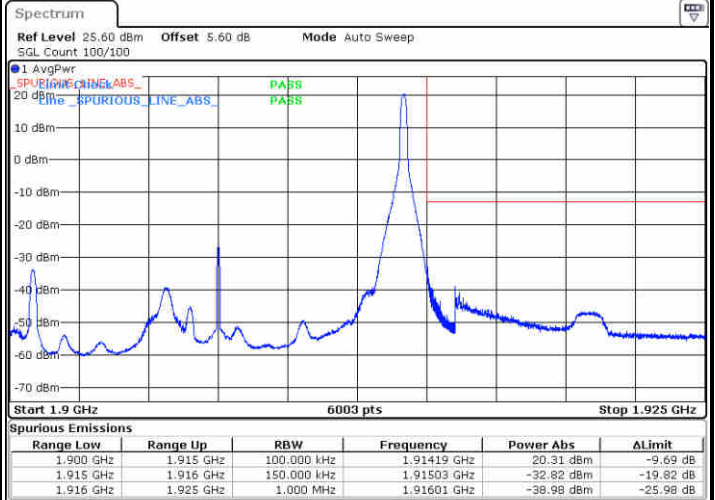
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



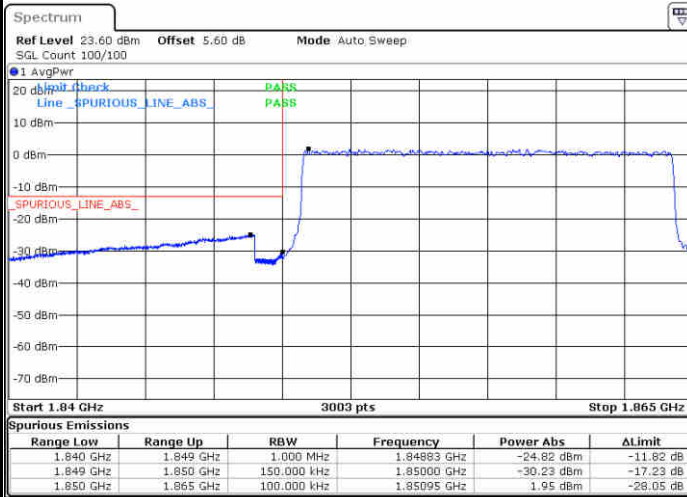
Date: 22.OCT.2019 01:45:36

Highest Band Edge / 1 RB



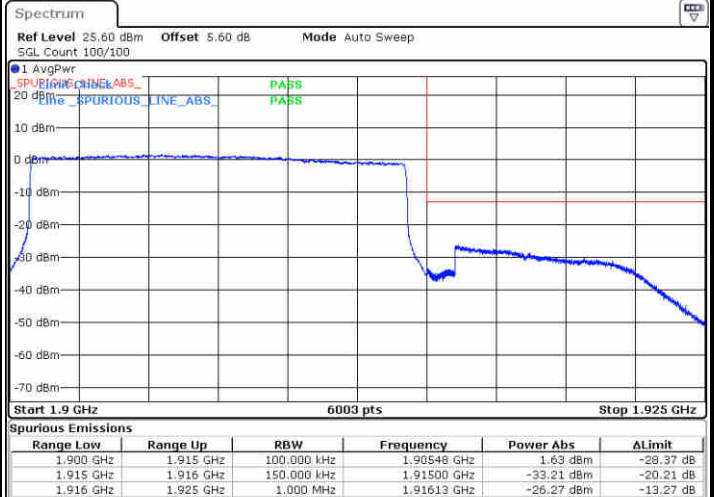
Date: 22.OCT.2019 01:59:47

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:44:28

Highest Band Edge / Full RB

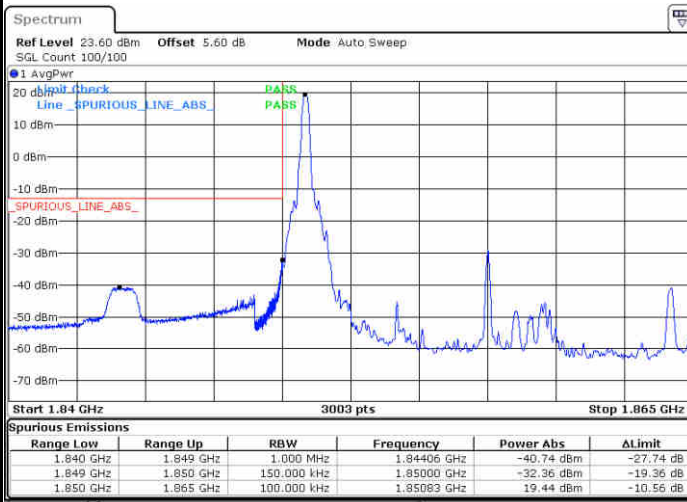


Date: 22.OCT.2019 01:58:40



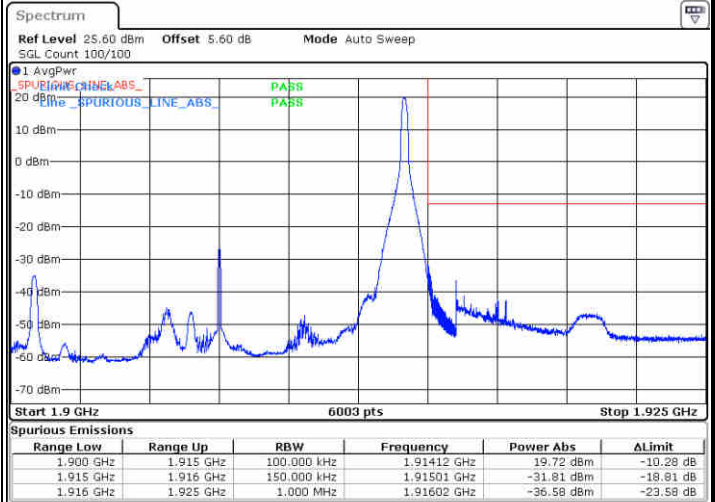
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



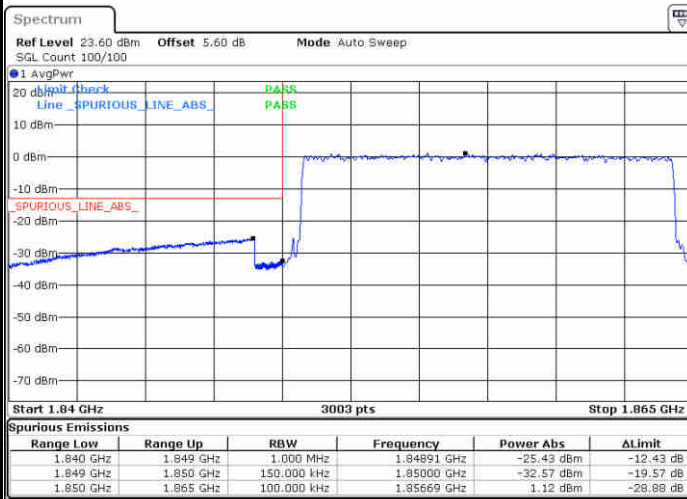
Date: 22.OCT.2019 01:46:43

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:00:55

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:43:21

Highest Band Edge / Full RB

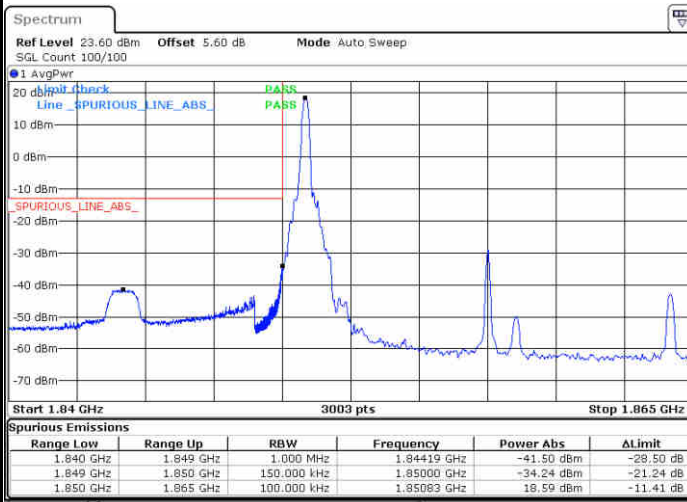


Date: 22.OCT.2019 01:57:32



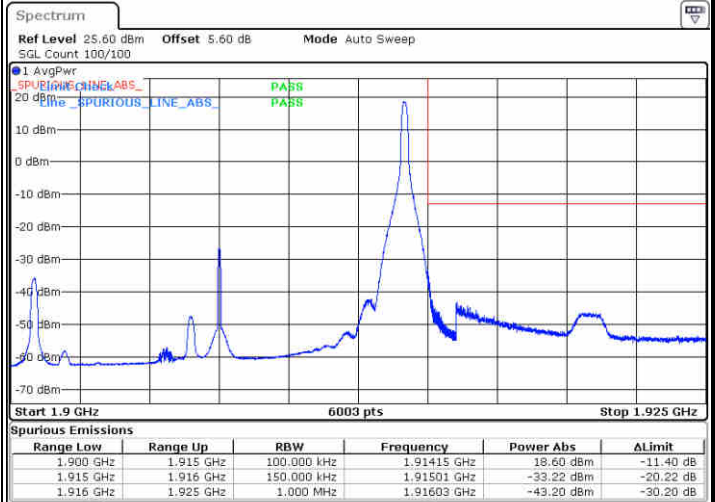
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



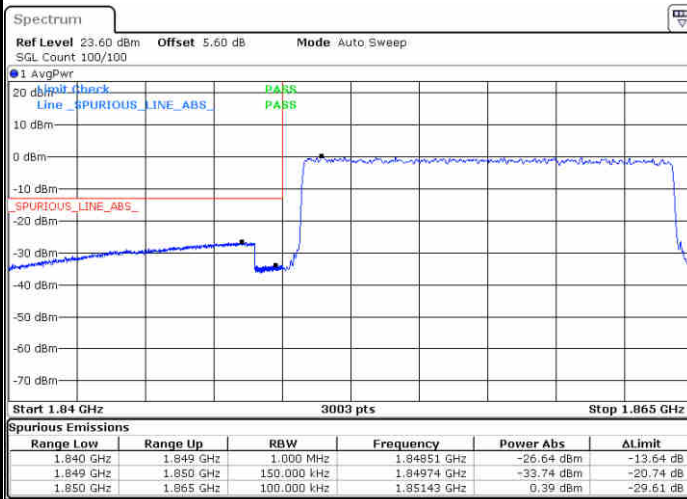
Date: 22.OCT.2019 01:47:51

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:02:02

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:42:13

Highest Band Edge / Full RB

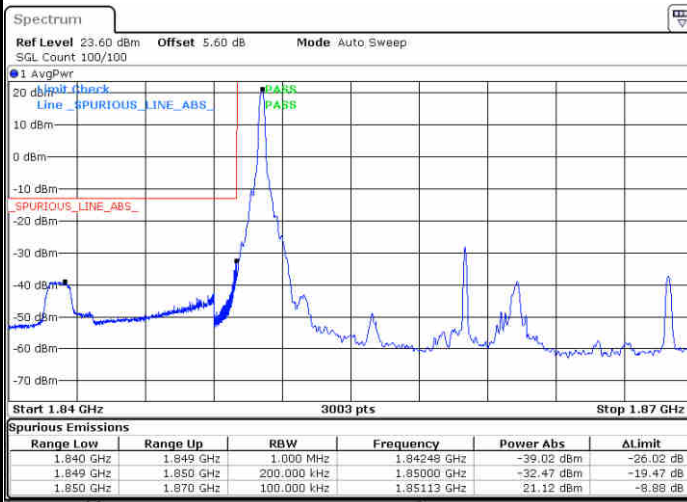


Date: 22.OCT.2019 01:56:25



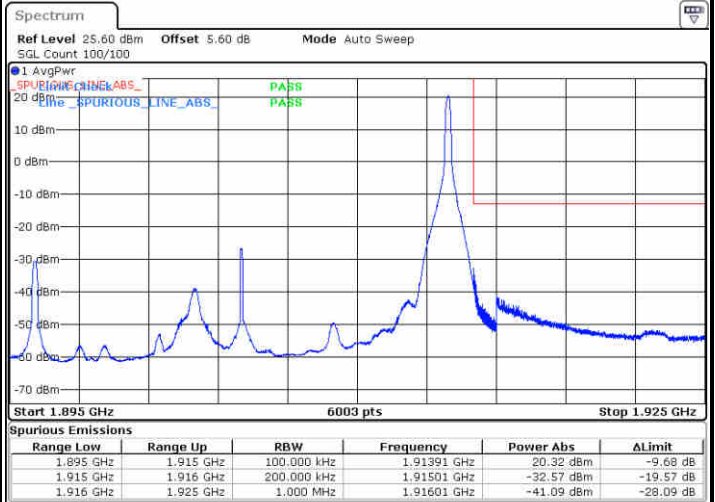
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



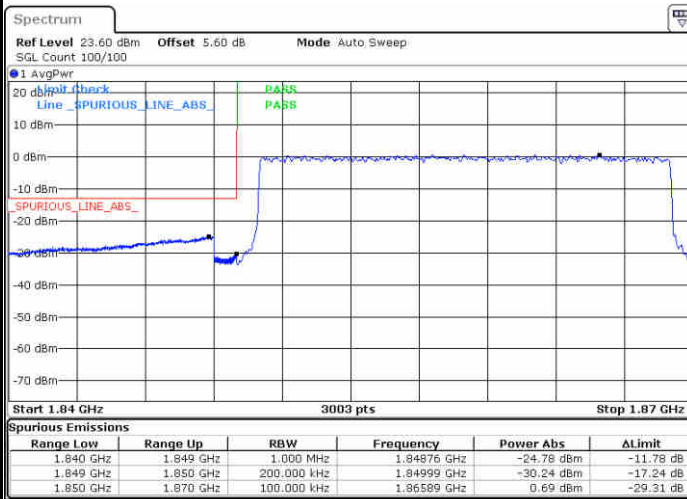
Date: 22.OCT.2019 02:10:16

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:24:28

Lowest Band Edge / Full RB



Date: 22.OCT.2019 02:09:08

Highest Band Edge / Full RB

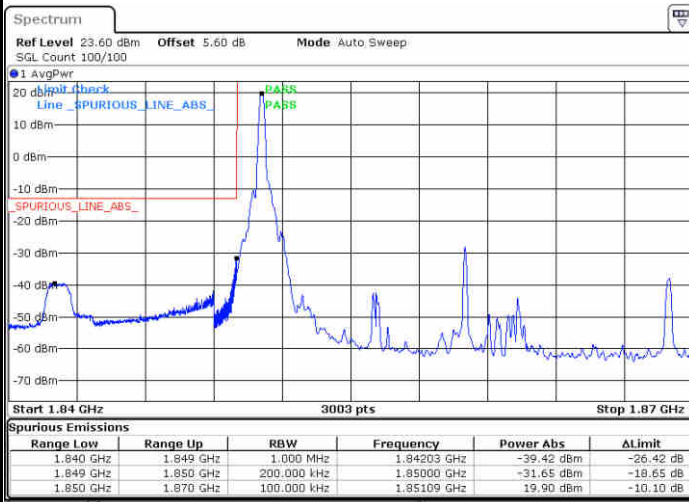


Date: 22.OCT.2019 02:23:20



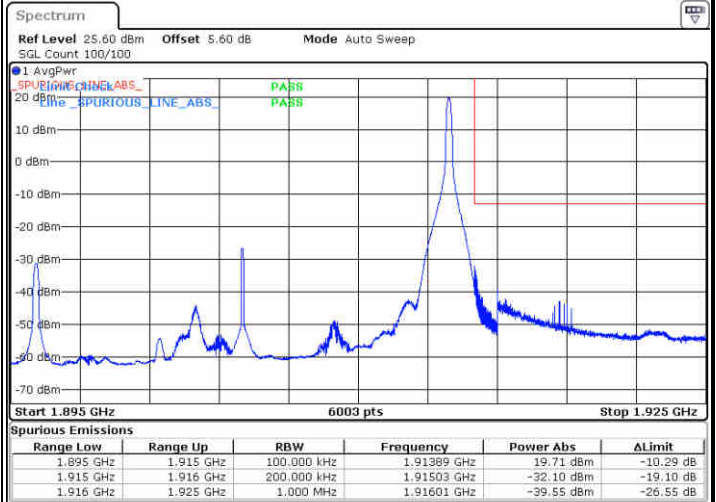
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



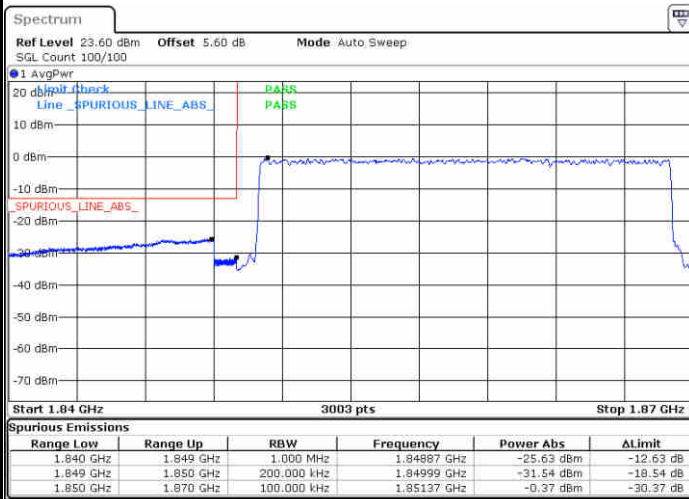
Date: 22.OCT.2019 02:11:23

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:25:35

Lowest Band Edge / Full RB



Date: 22.OCT.2019 02:08:01

Highest Band Edge / Full RB

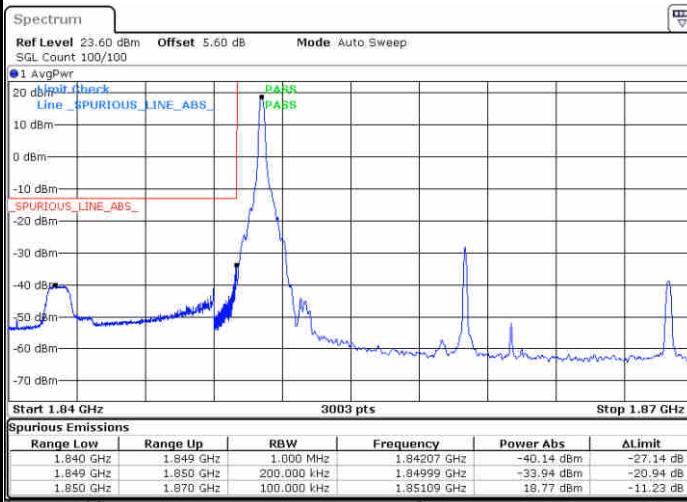


Date: 22.OCT.2019 02:22:13



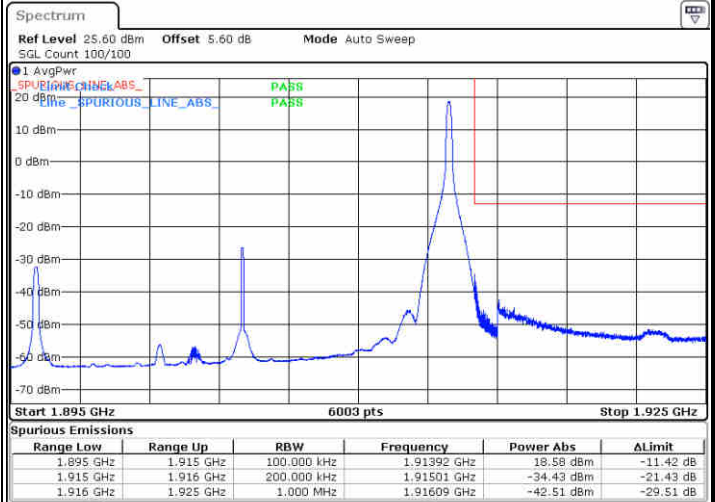
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



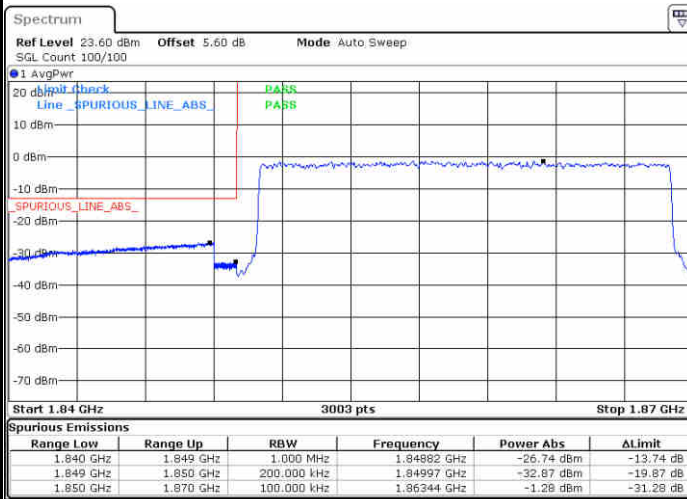
Date: 22.OCT.2019 02:12:30

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:28:43

Lowest Band Edge / Full RB



Date: 22.OCT.2019 02:06:53

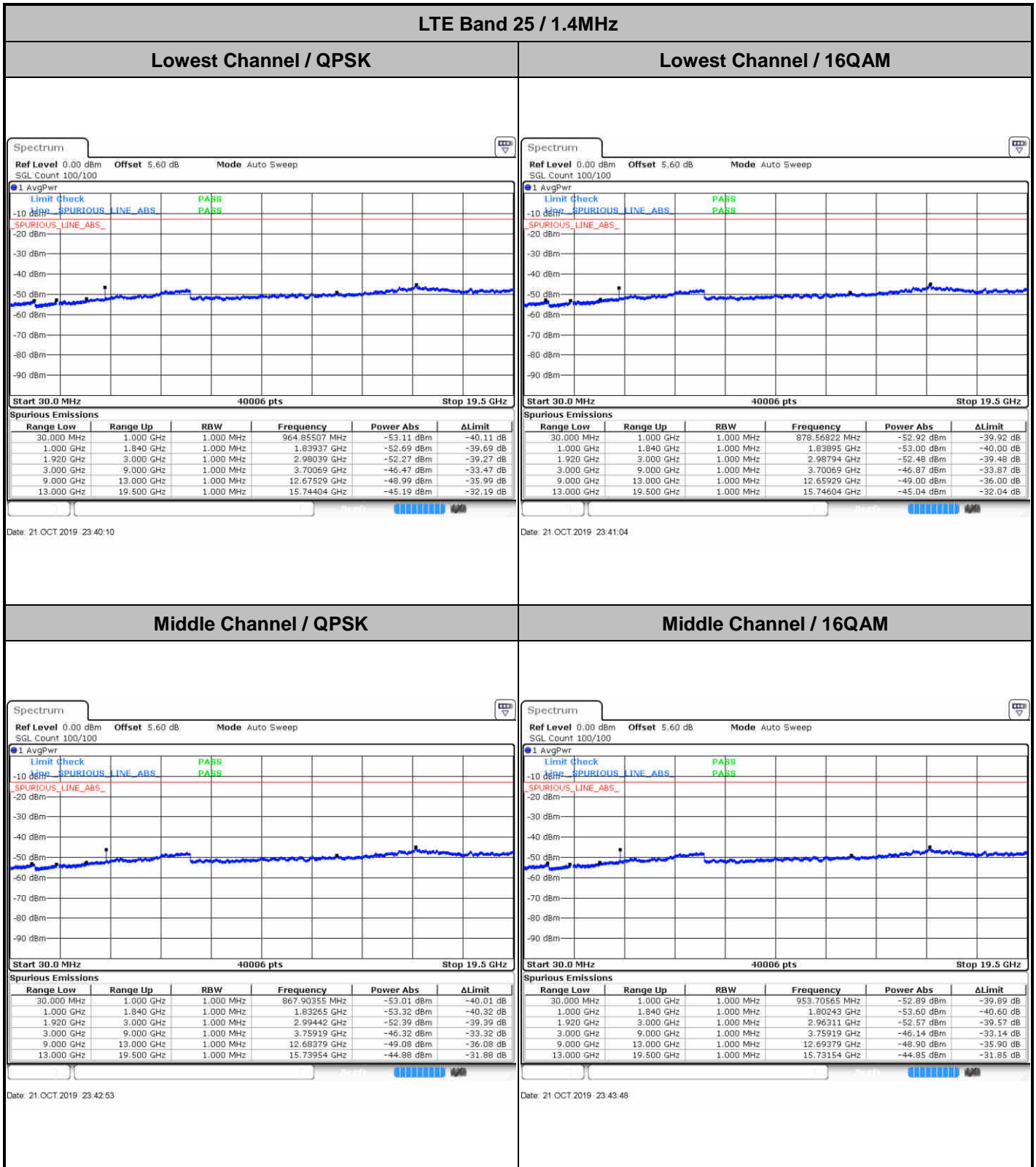
Highest Band Edge / Full RB



Date: 22.OCT.2019 02:21:05



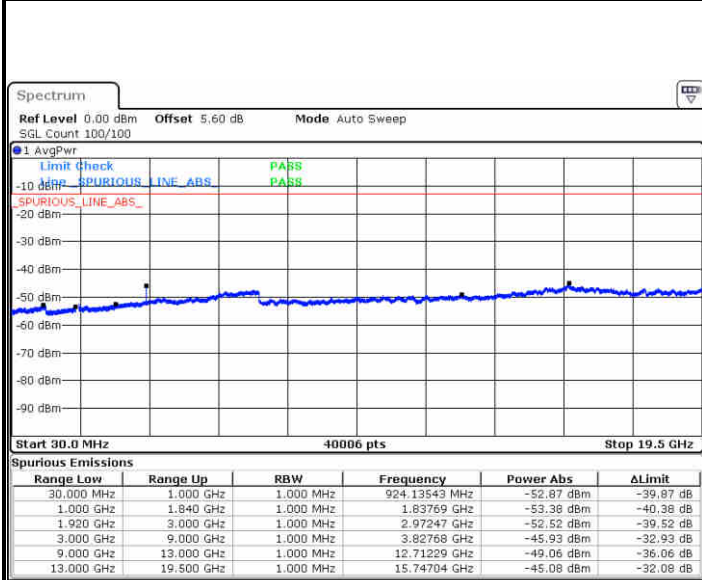
Conducted Spurious Emission





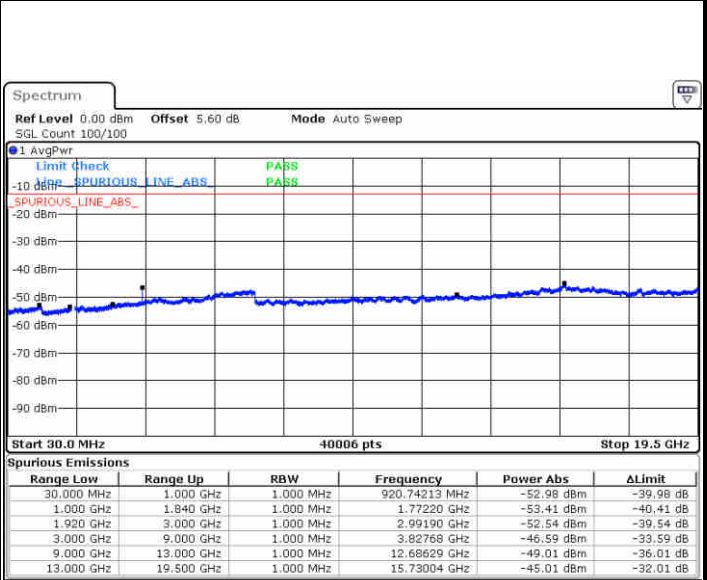
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 21.OCT.2019 23:45:37

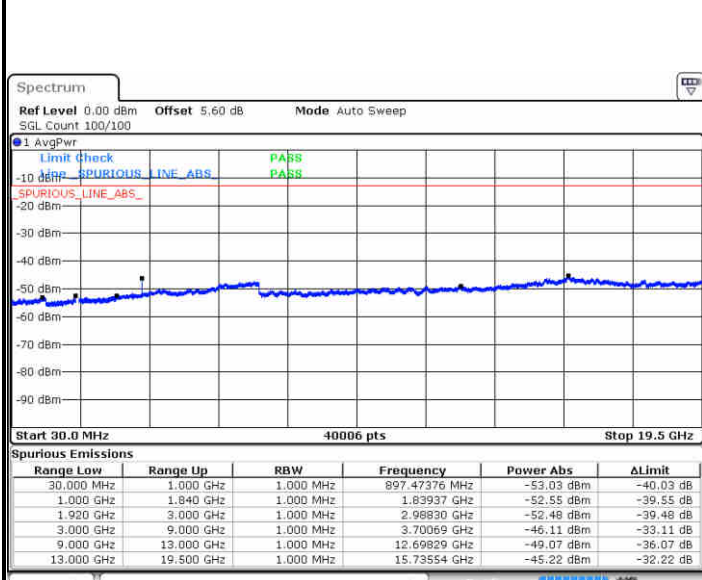
Highest Channel / 16QAM



Date: 21.OCT.2019 23:46:31

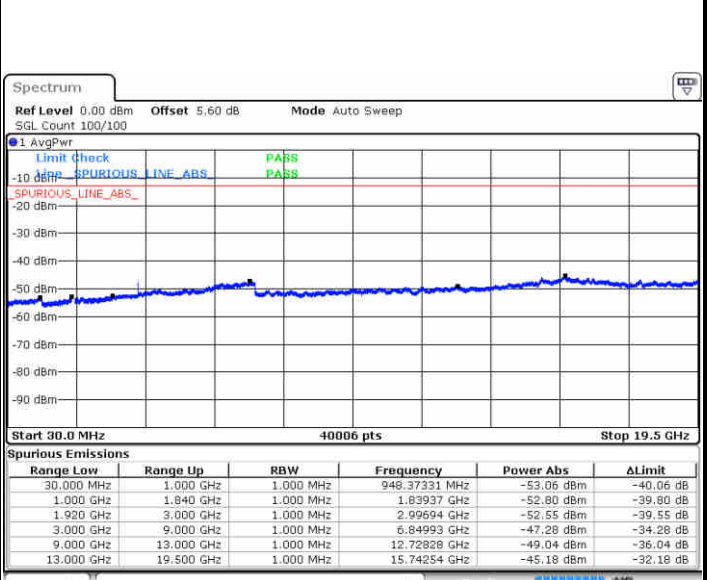
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 22.OCT.2019 00:43:29

Lowest Channel / 16QAM

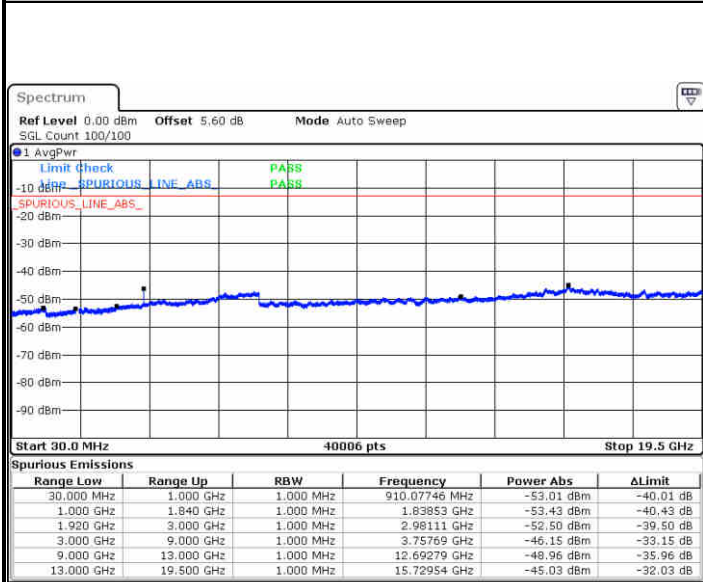


Date: 22.OCT.2019 00:44:24



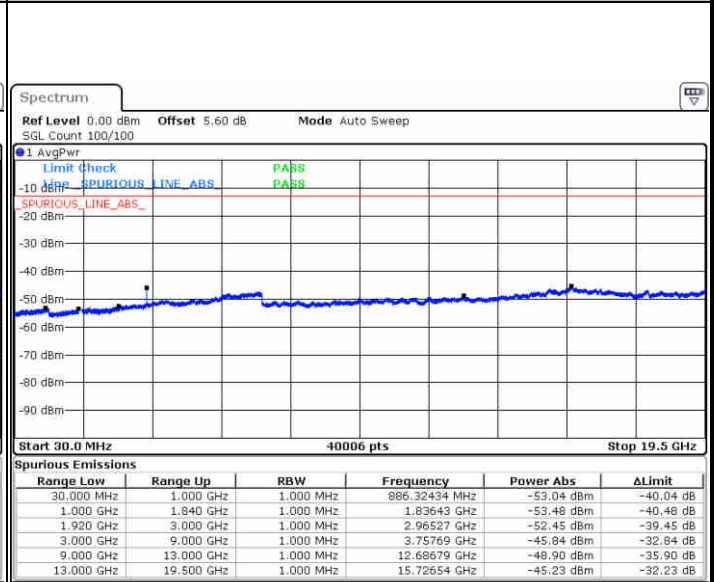
LTE Band 25 / 3MHz

Middle Channel / QPSK



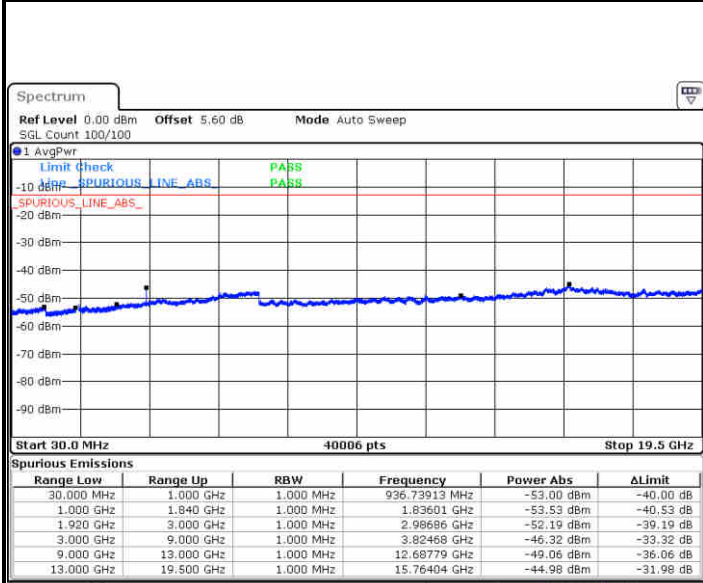
Date: 22.OCT.2019 00:46:13

Middle Channel / 16QAM



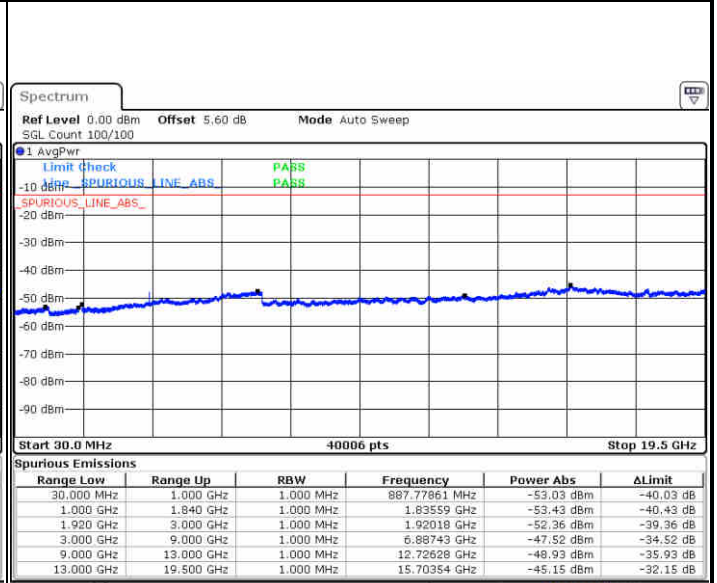
Date: 22.OCT.2019 00:47:07

Highest Channel / QPSK



Date: 22.OCT.2019 00:48:56

Highest Channel / 16QAM

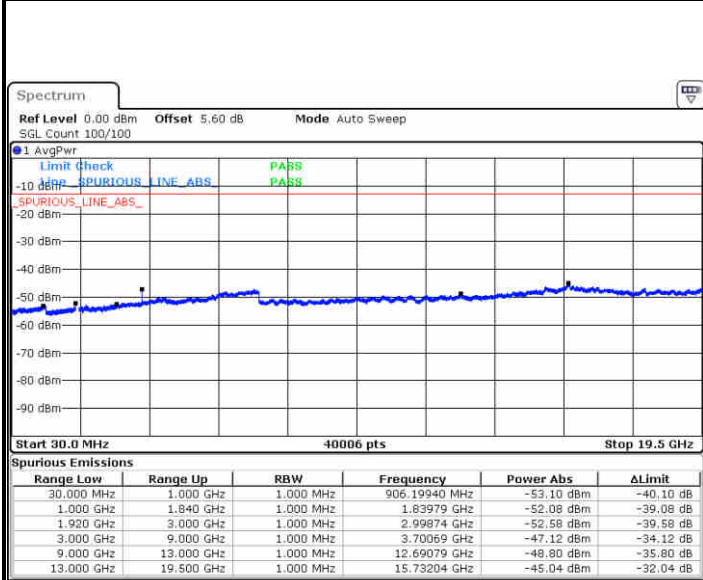


Date: 22.OCT.2019 00:49:51



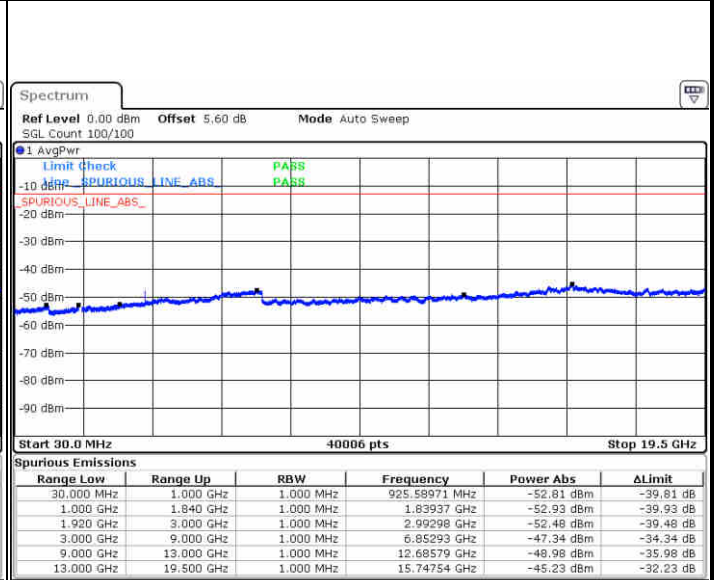
LTE Band 25 / 5MHz

Lowest Channel / QPSK



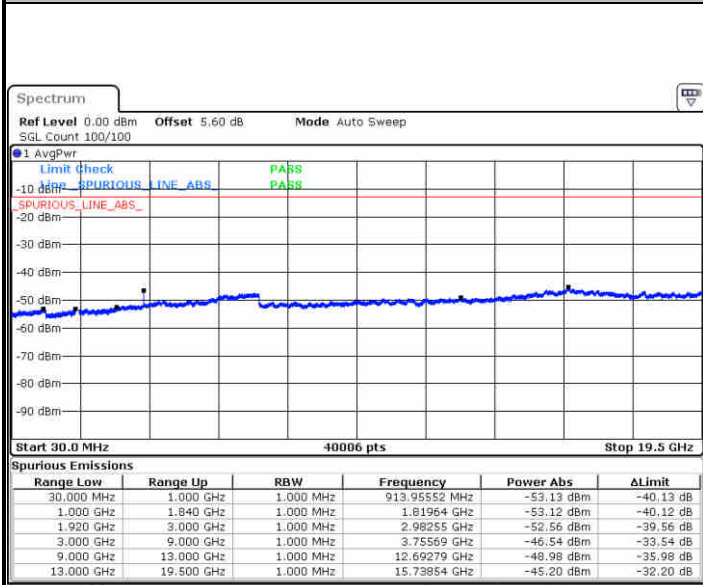
Date: 22.OCT.2019 01:01:14

Lowest Channel / 16QAM



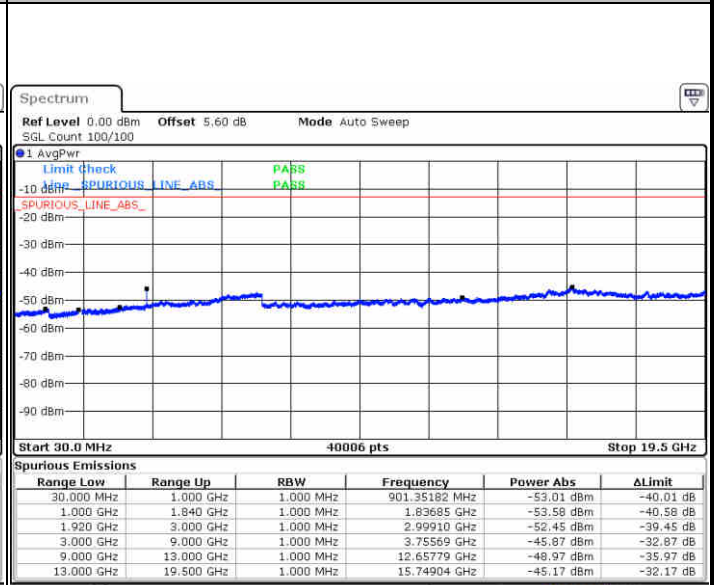
Date: 22.OCT.2019 01:00:19

Middle Channel / QPSK



Date: 22.OCT.2019 01:02:08

Middle Channel / 16QAM

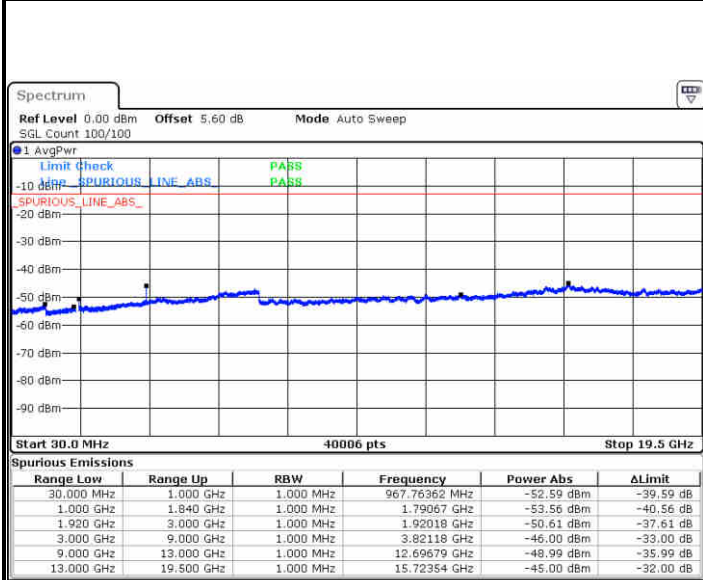


Date: 22.OCT.2019 01:03:03



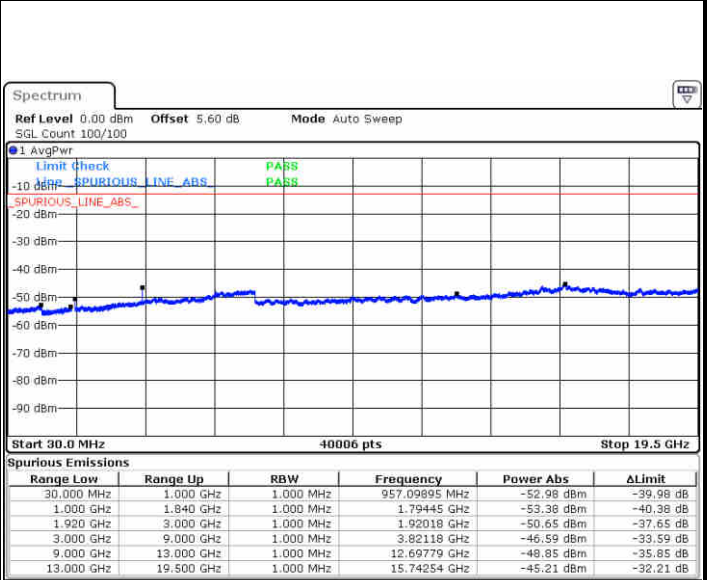
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 22.OCT.2019 01:15:25

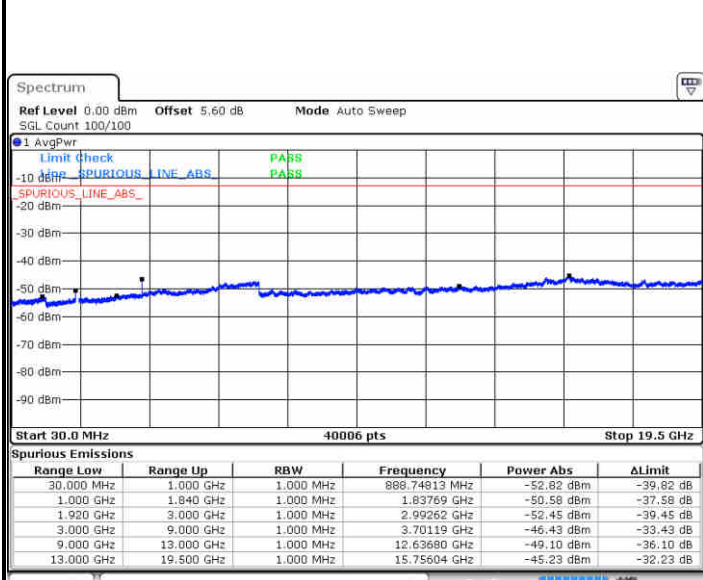
Highest Channel / 16QAM



Date: 22.OCT.2019 01:14:31

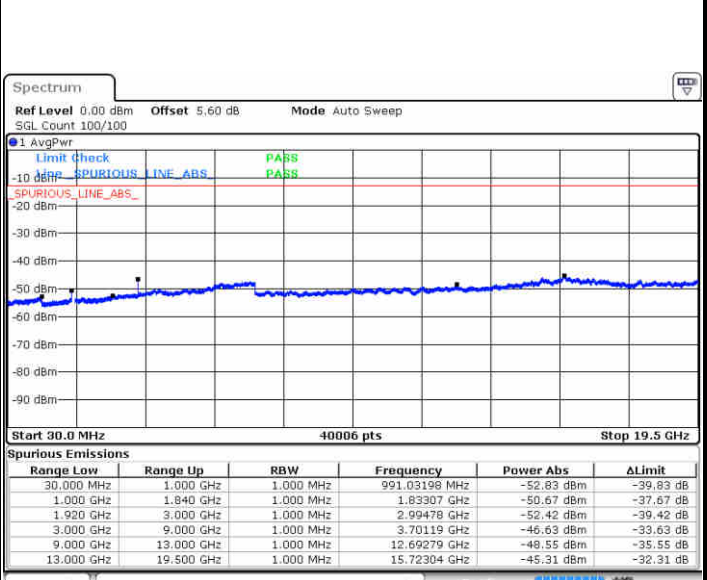
LTE Band 25 / 10MHz

Lowest Channel / QPSK



Date: 22.OCT.2019 01:25:53

Lowest Channel / 16QAM



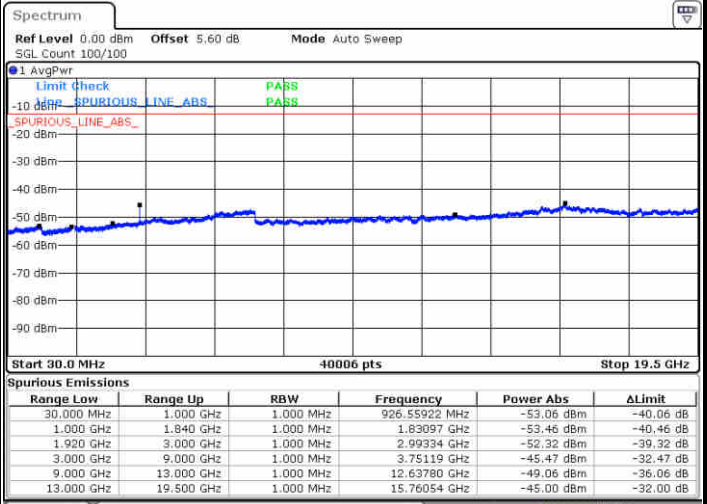
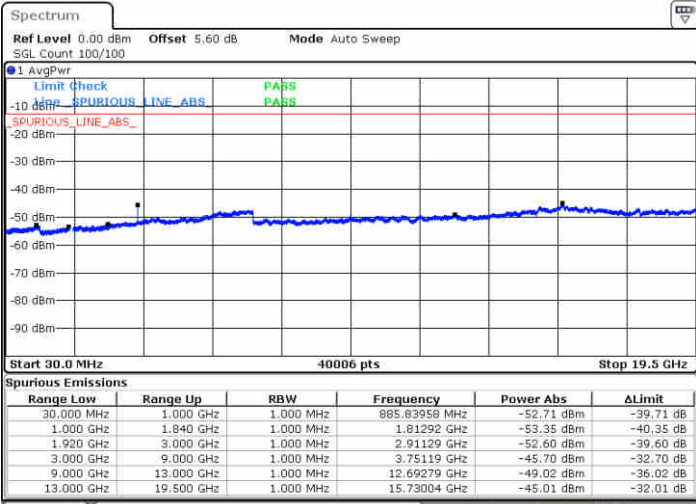
Date: 22.OCT.2019 01:24:59



LTE Band 25 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

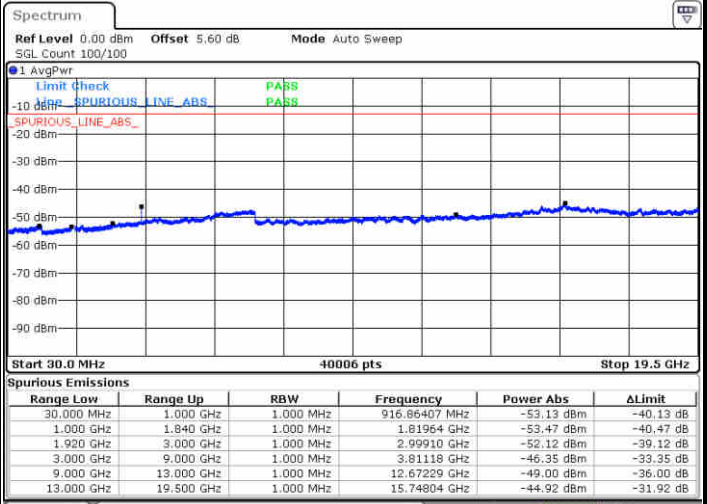
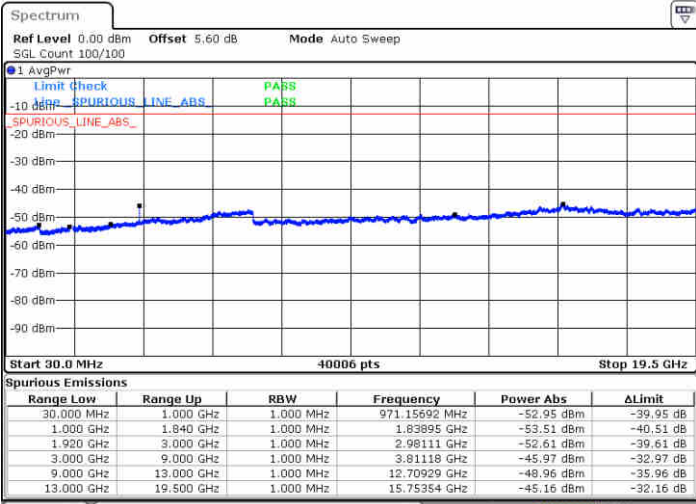


Date: 22.OCT.2019 01:26:48

Date: 22.OCT.2019 01:27:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.OCT.2019 01:40:05

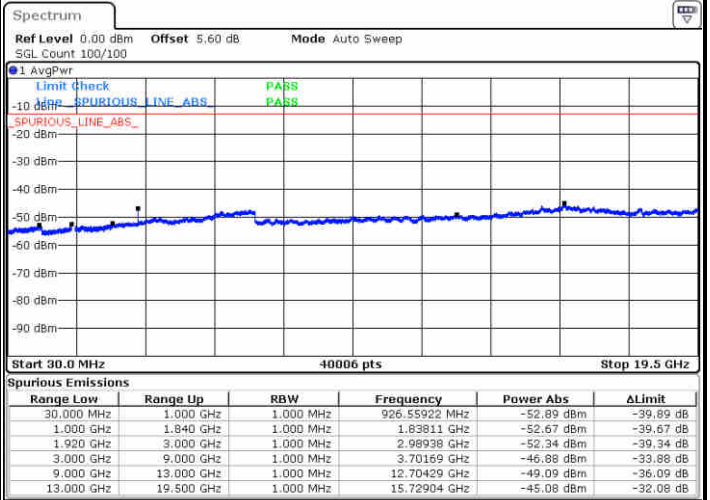
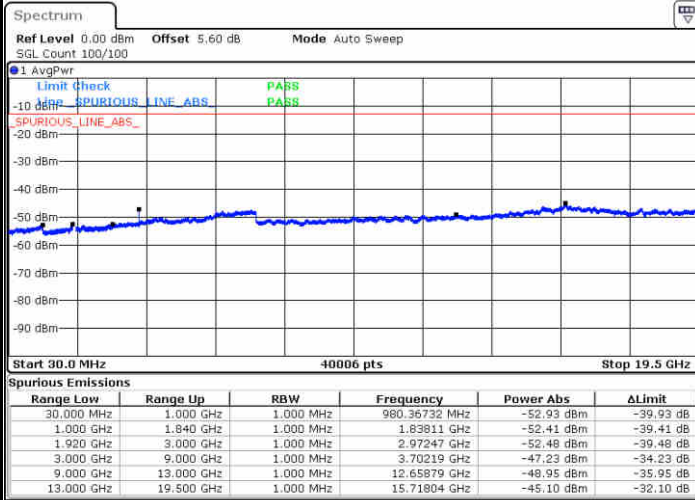
Date: 22.OCT.2019 01:39:11



LTE Band 25 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

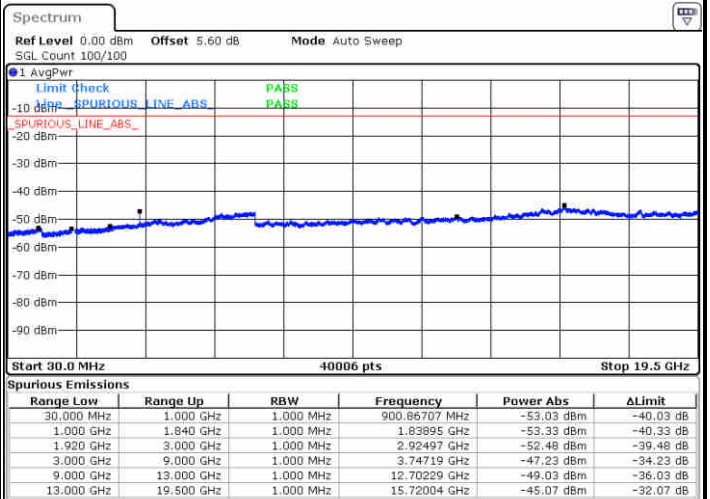
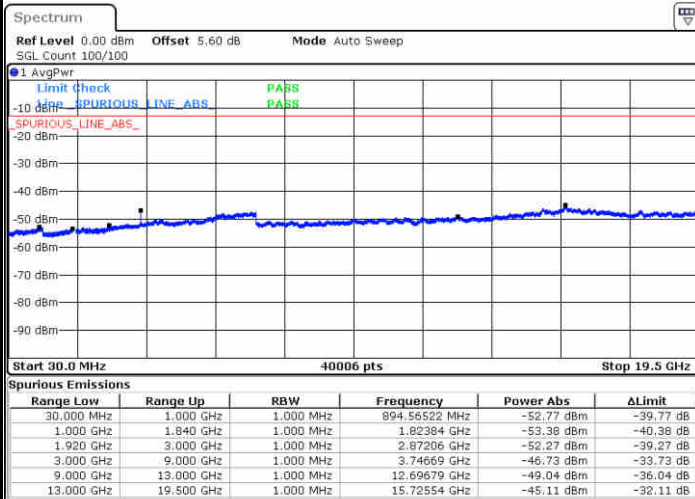


Date: 22.OCT.2019 01:50:33

Date: 22.OCT.2019 01:49:38

Middle Channel / QPSK

Middle Channel / 16QAM



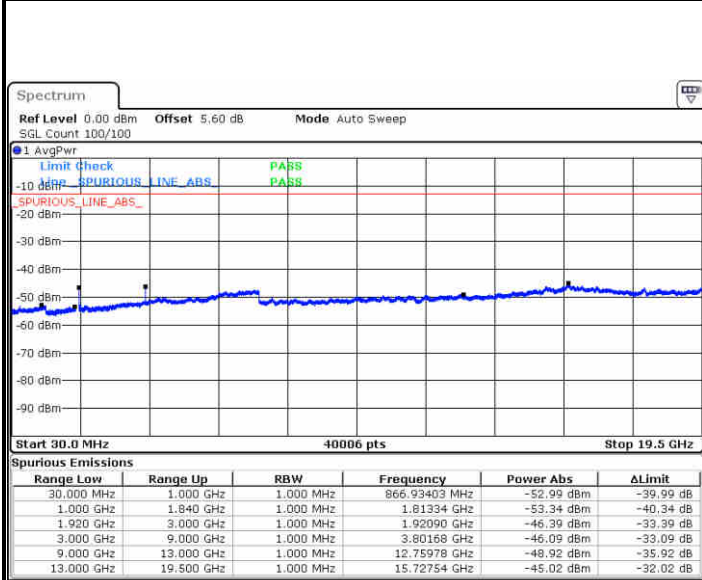
Date: 22.OCT.2019 01:51:27

Date: 22.OCT.2019 01:52:22



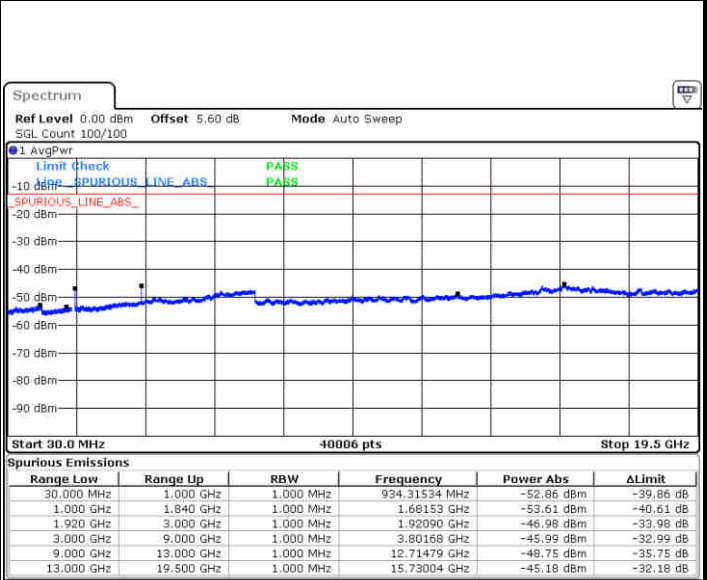
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 22.OCT.2019 02:04:45

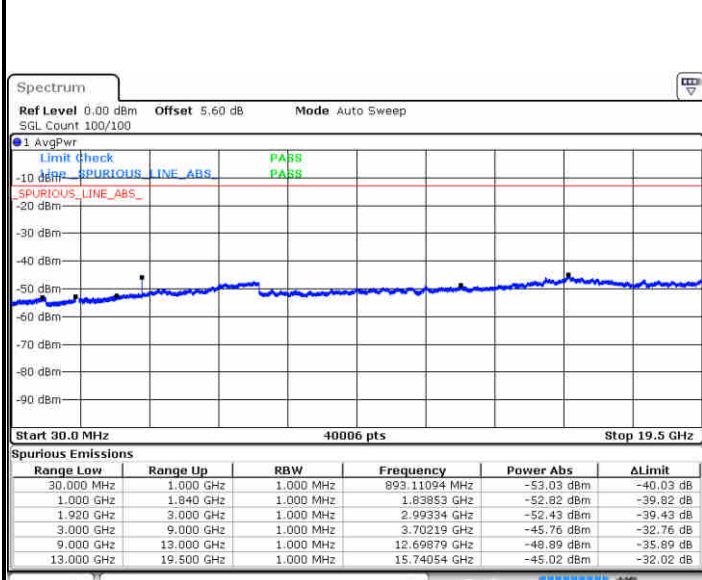
Highest Channel / 16QAM



Date: 22.OCT.2019 02:03:50

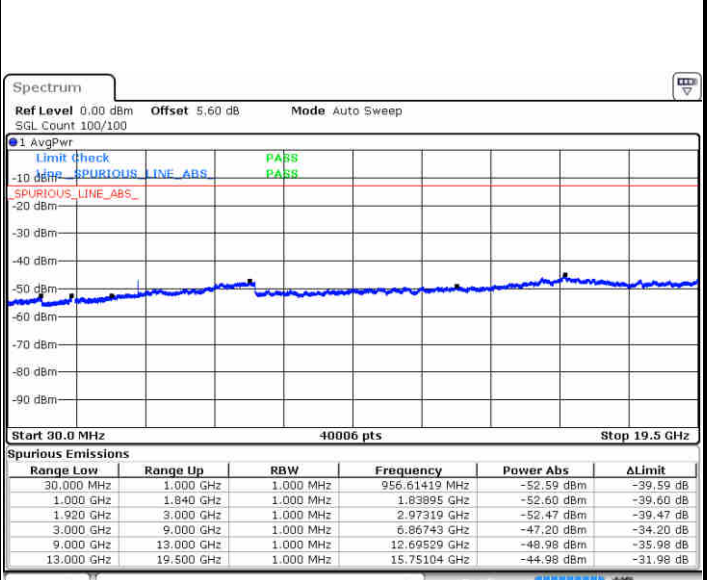
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 22.OCT.2019 02:15:13

Lowest Channel / 16QAM



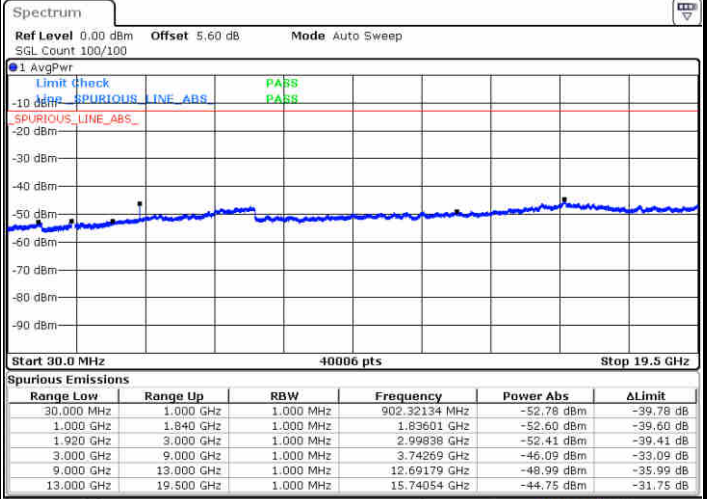
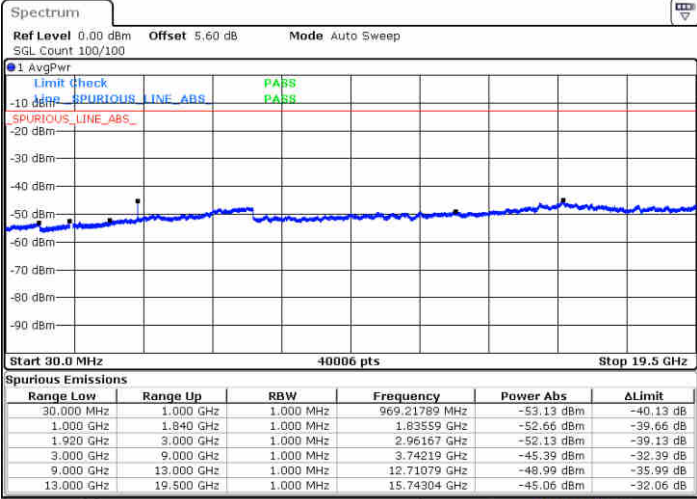
Date: 22.OCT.2019 02:14:18



LTE Band 25 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

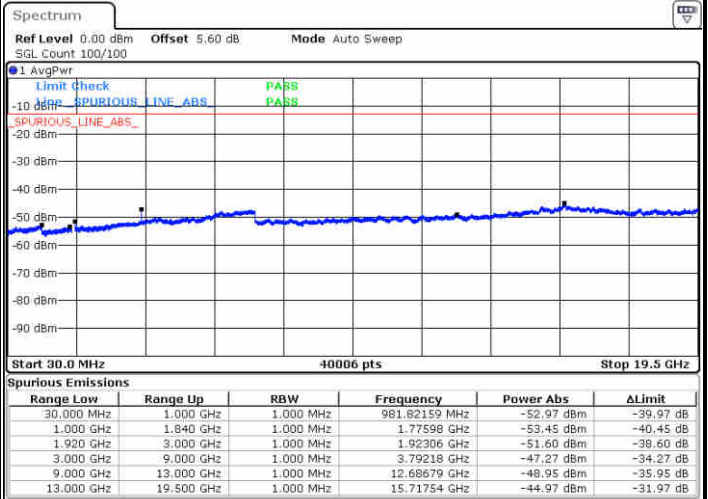
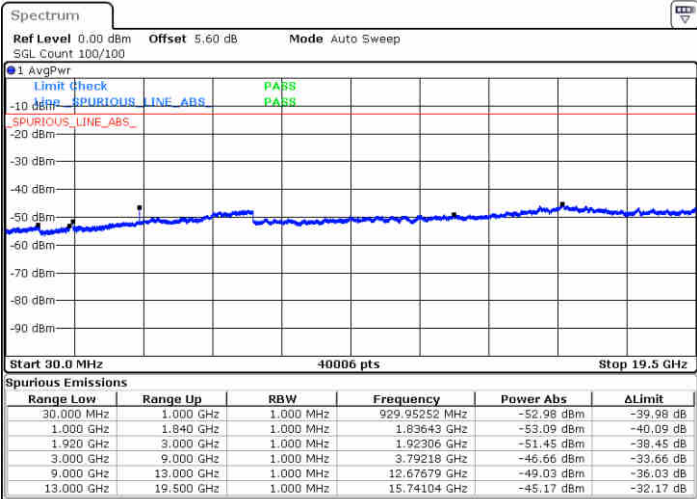


Date: 22.OCT.2019 02:16:08

Date: 22.OCT.2019 02:17:02

Highest Channel / QPSK

Highest Channel / 16QAM



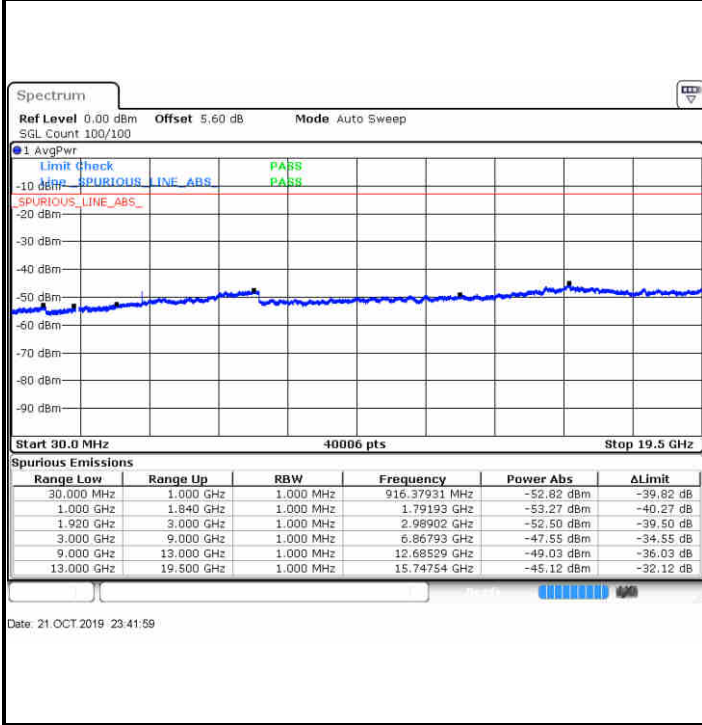
Date: 22.OCT.2019 02:29:25

Date: 22.OCT.2019 02:28:31

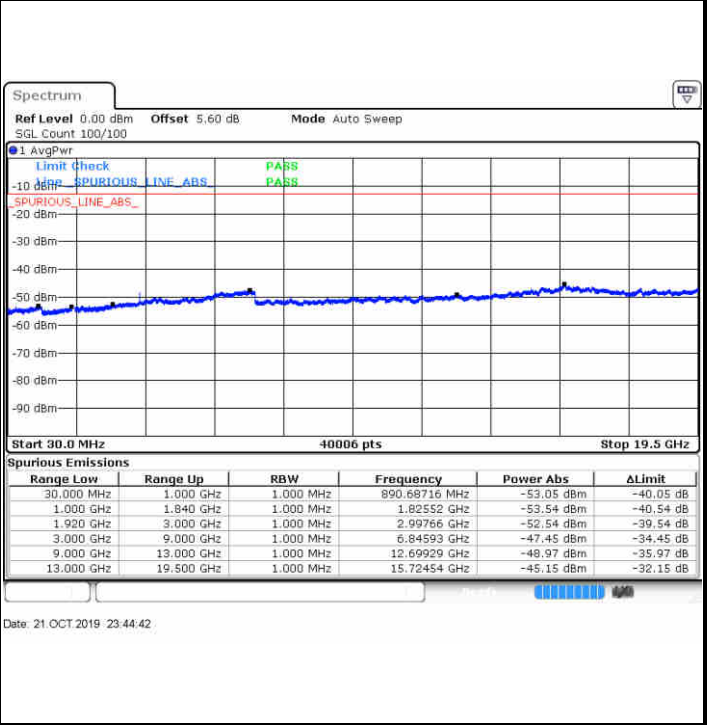


LTE Band 25 / 1.4MHz

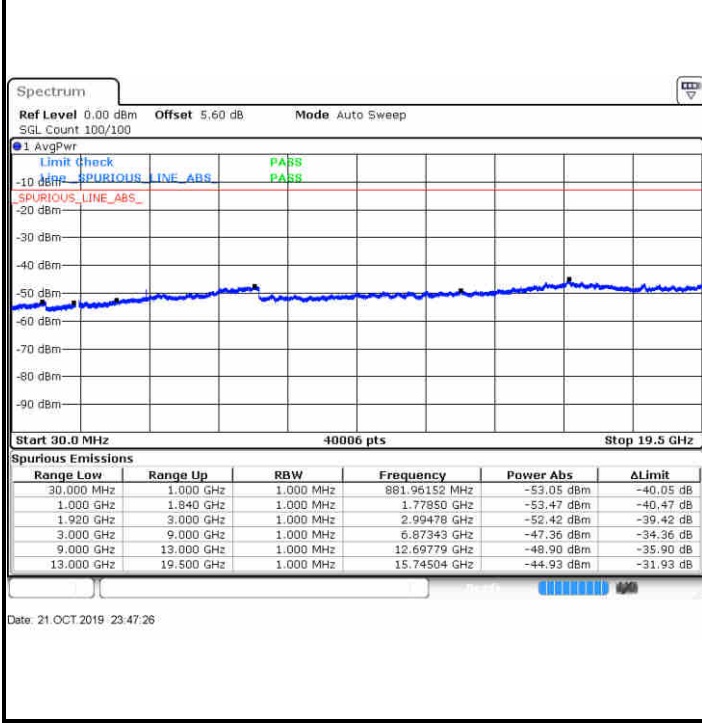
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM



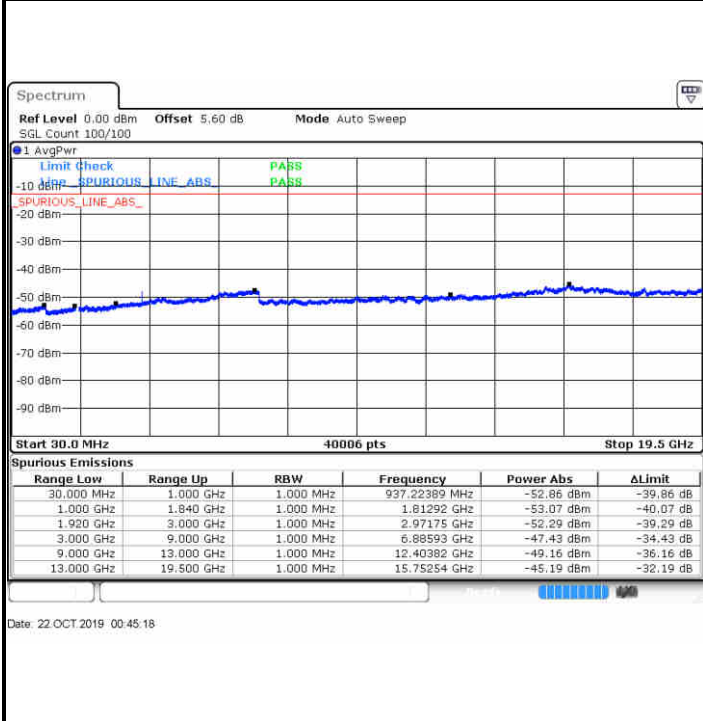
Highest Channel / 64QAM



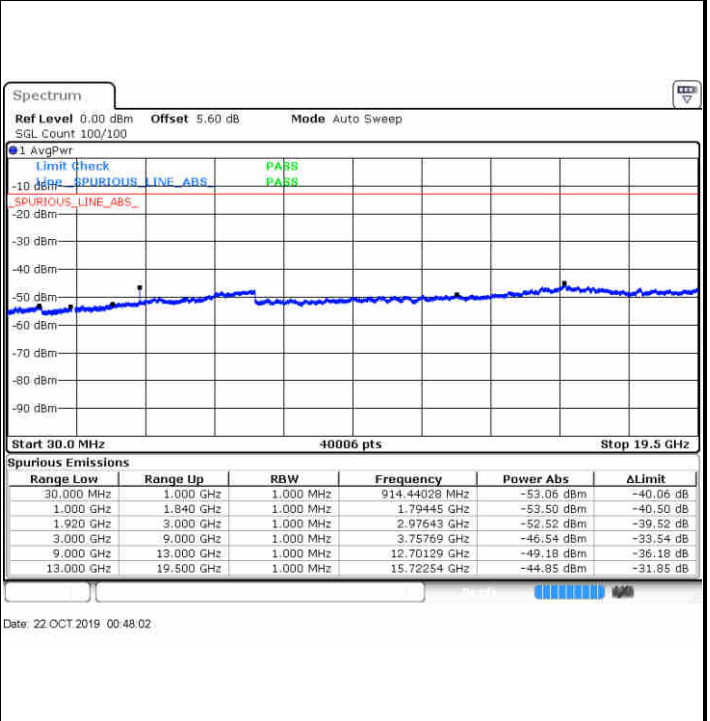


LTE Band 25 / 3MHz

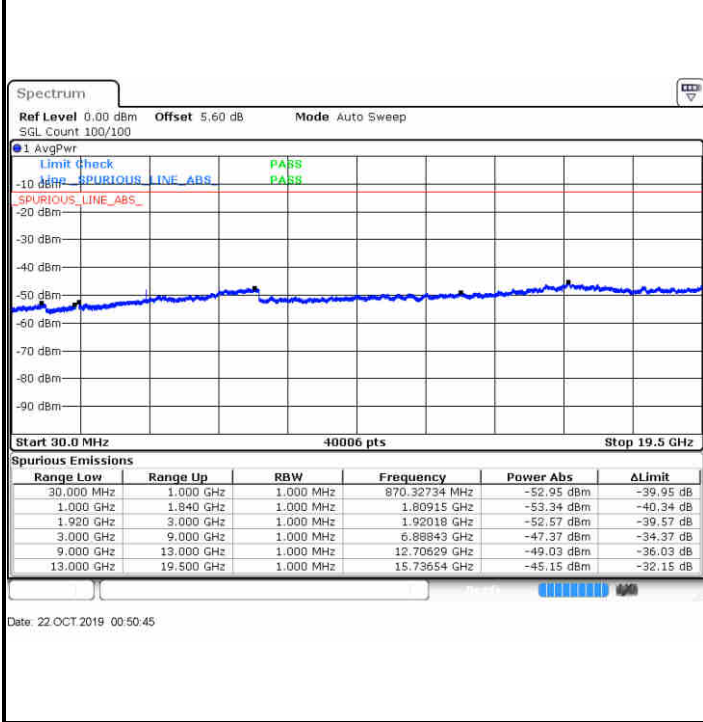
Lowest Channel / 64QAM



Middle Channel / 64QAM



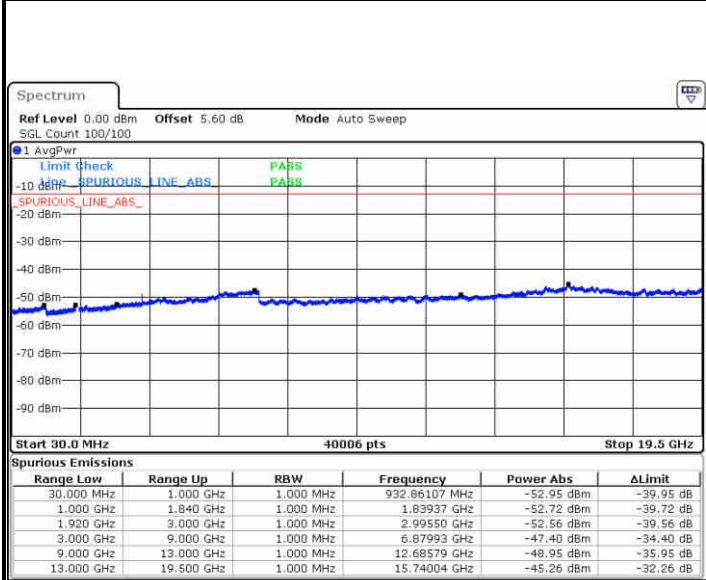
Highest Channel / 64QAM





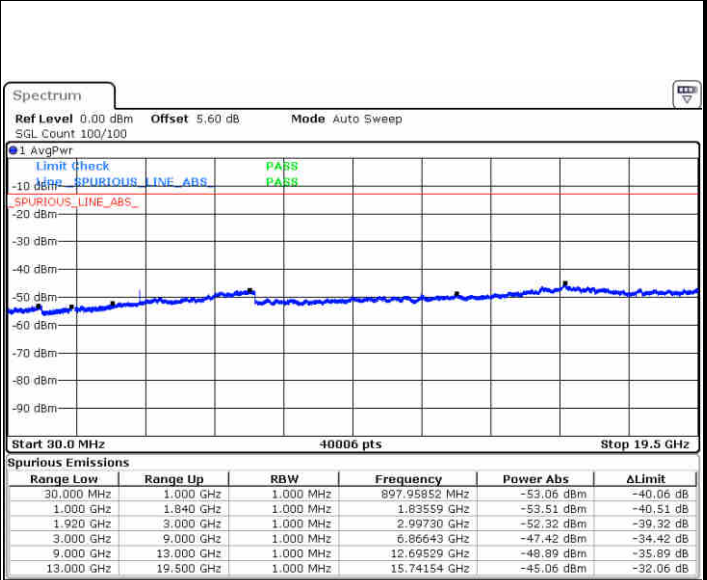
LTE Band 25 / 5MHz

Lowest Channel / 64QAM



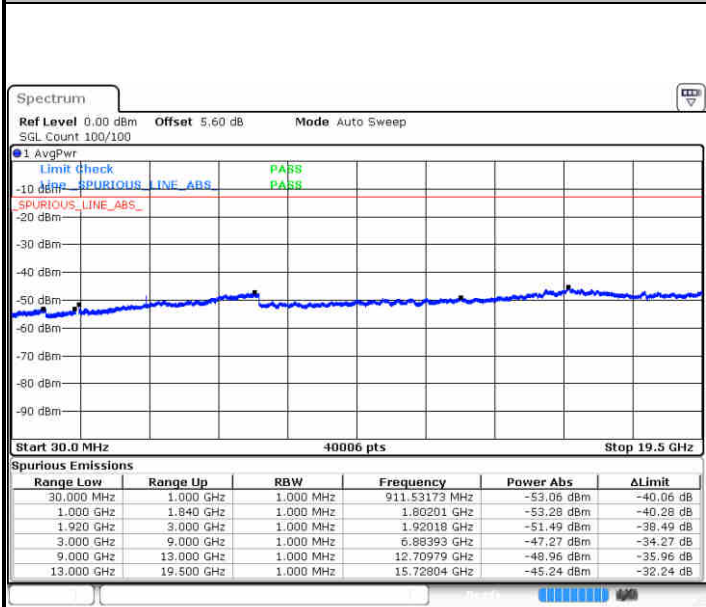
Date: 22.OCT.2019 00:59:24

Middle Channel / 64QAM



Date: 22.OCT.2019 01:03:57

Highest Channel / 64QAM

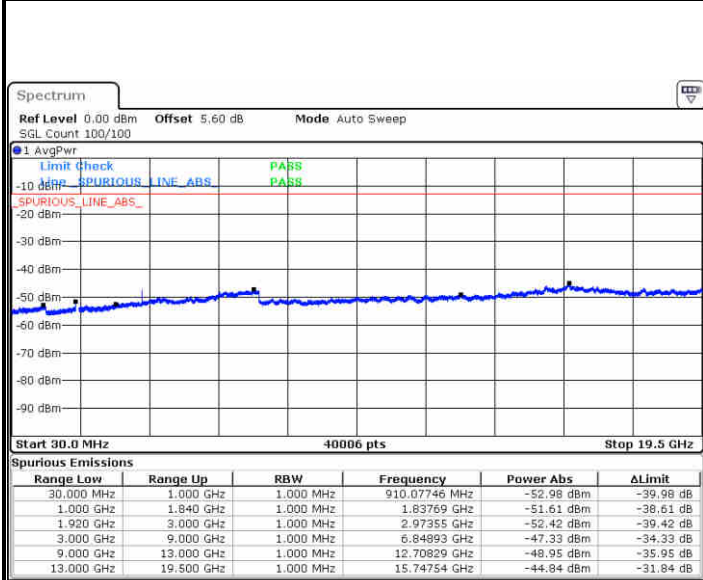


Date: 22.OCT.2019 01:13:36



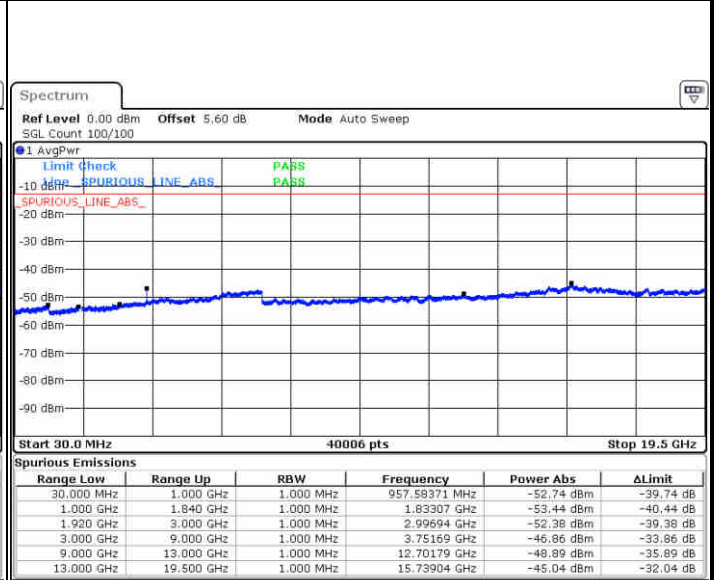
LTE Band 25 / 10MHz

Lowest Channel / 64QAM



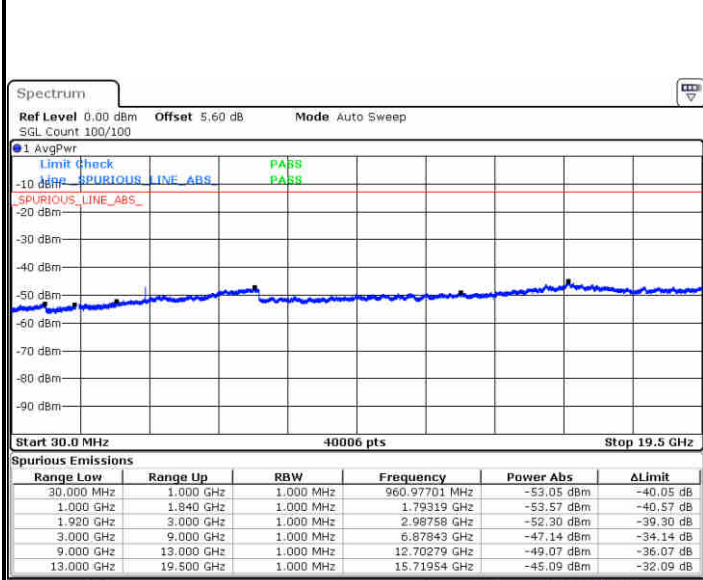
Date: 22.OCT.2019 01:24:04

Middle Channel / 64QAM



Date: 22.OCT.2019 01:28:37

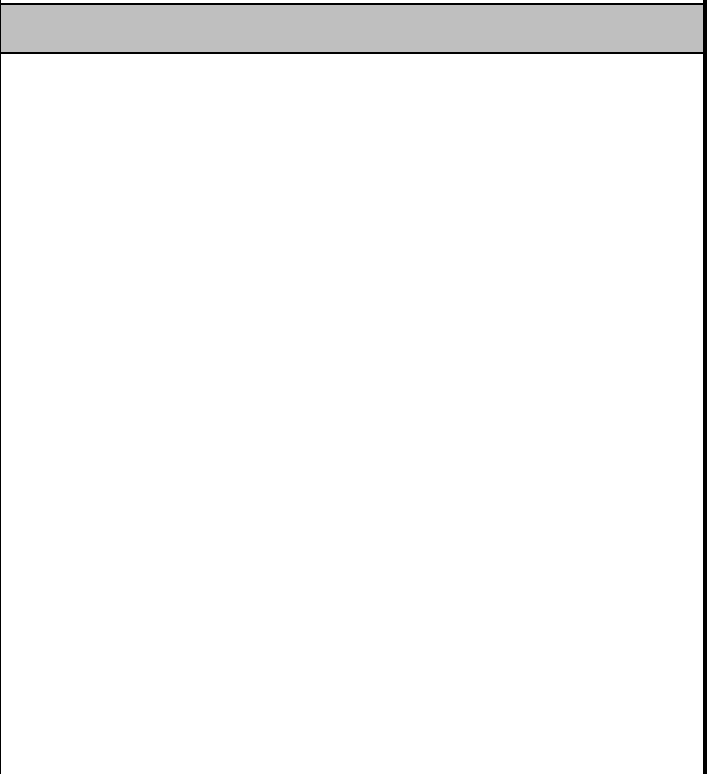
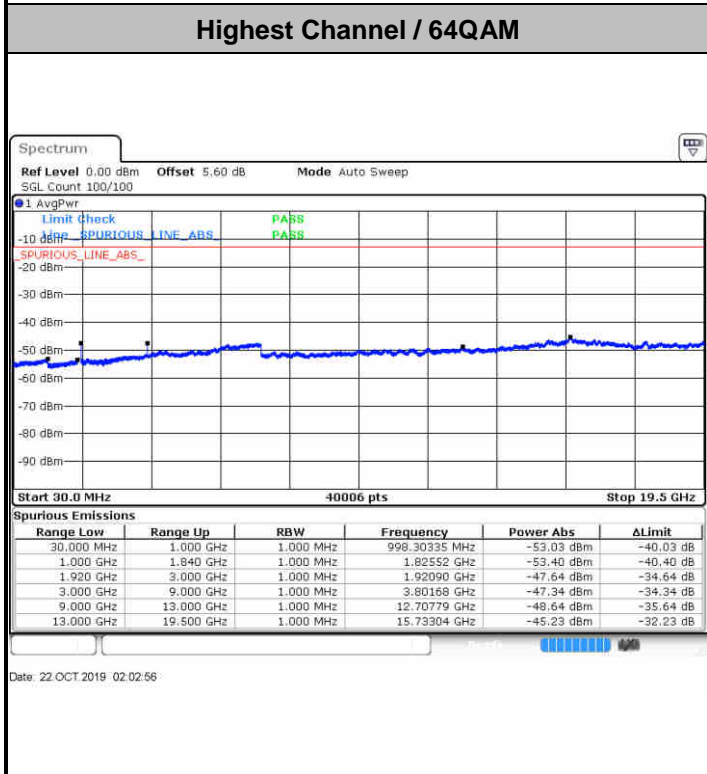
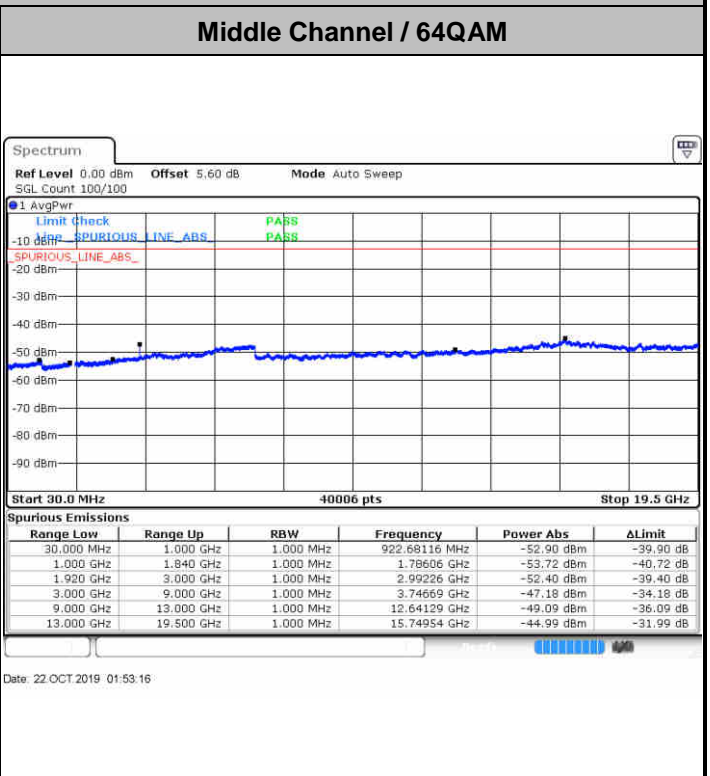
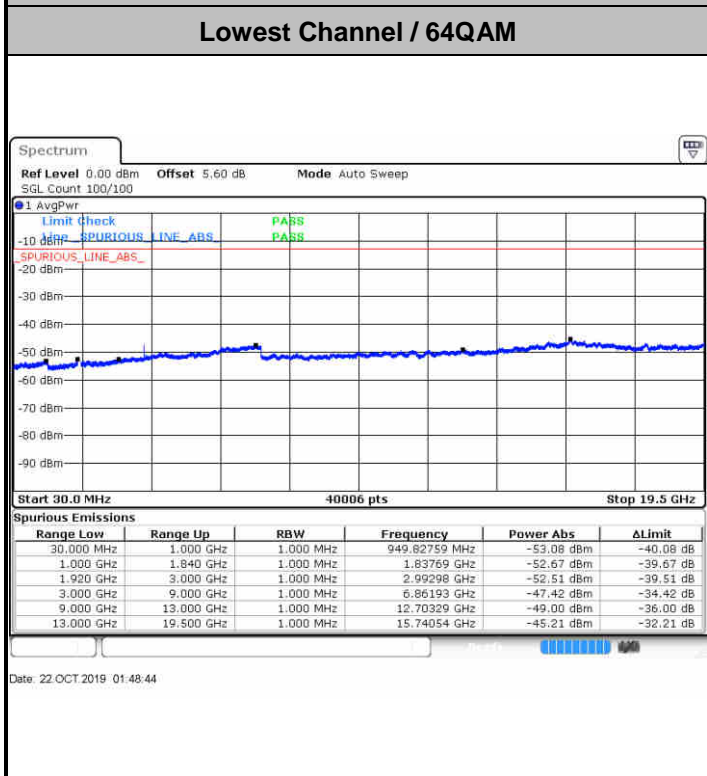
Highest Channel / 64QAM



Date: 22.OCT.2019 01:38:16



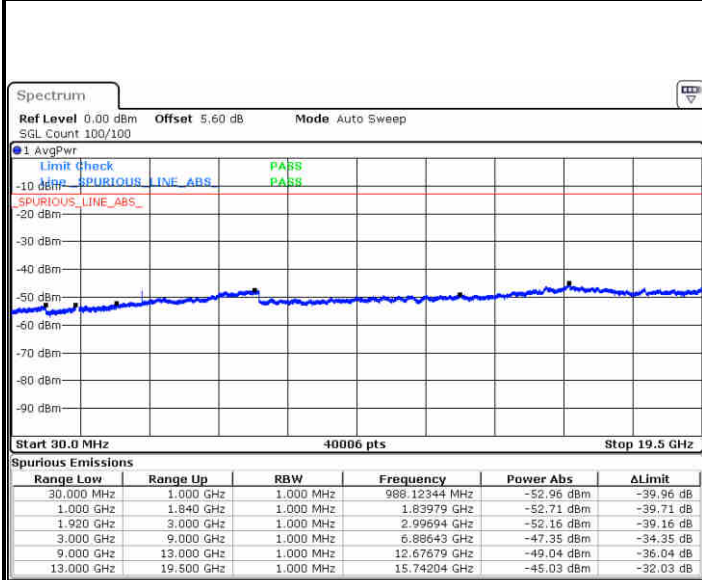
LTE Band 25 / 15MHz





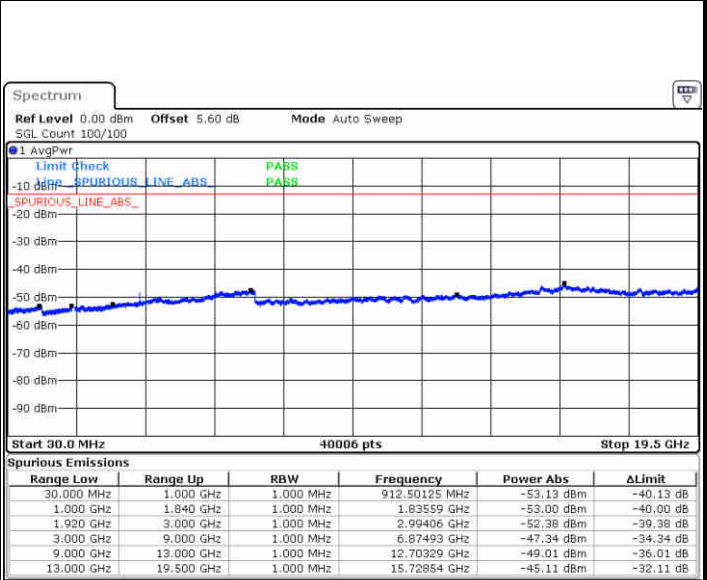
LTE Band 25 / 20MHz

Lowest Channel / 64QAM



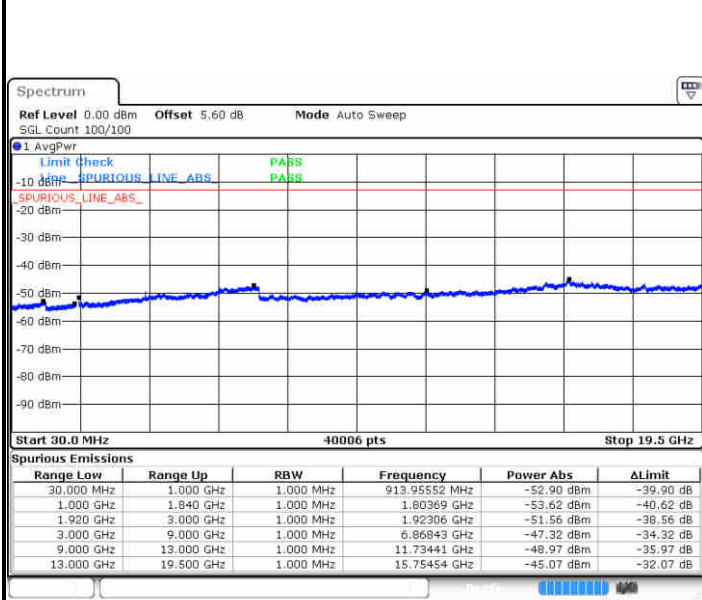
Date: 22.OCT.2019 02:13:24

Middle Channel / 64QAM



Date: 22.OCT.2019 02:17:57

Highest Channel / 64QAM



Date: 22.OCT.2019 02:27:36



Frequency Stability

| Test Conditions | | LTE Band 25 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0030 | PASS |
| 40 | Normal Voltage | 0.0015 | |
| 30 | Normal Voltage | 0.0007 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0022 | |
| 0 | Normal Voltage | 0.0007 | |
| -10 | Normal Voltage | 0.0005 | |
| -20 | Normal Voltage | 0.0018 | |
| -30 | Normal Voltage | 0.0013 | |
| 20 | Maximum Voltage | 0.0001 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0014 | |

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 26

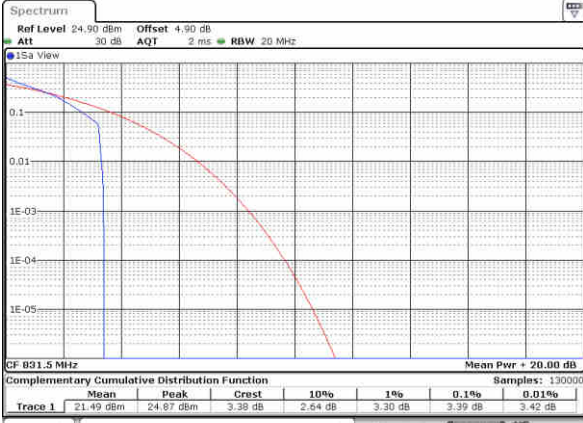
Peak-to-Average Ratio

| Mode | LTE Band 26 / 15MHz | | | | |
|------------|---------------------|---------|-------------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.39 | 4.64 | 4.61 | 5.83 | PASS |
| Middle CH | 3.39 | 4.58 | 4.84 | 5.86 | |
| Highest CH | 3.57 | 4.70 | 5.16 | 5.91 | |
| Mod. | 64QAM | | Limit: 13dB | | |
| RB Size | 1RB | Full RB | Result | | |
| Lowest CH | 6.32 | 6.35 | PASS | | |
| Middle CH | 6.38 | 6.52 | | | |
| Highest CH | 6.78 | 6.38 | | | |



LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



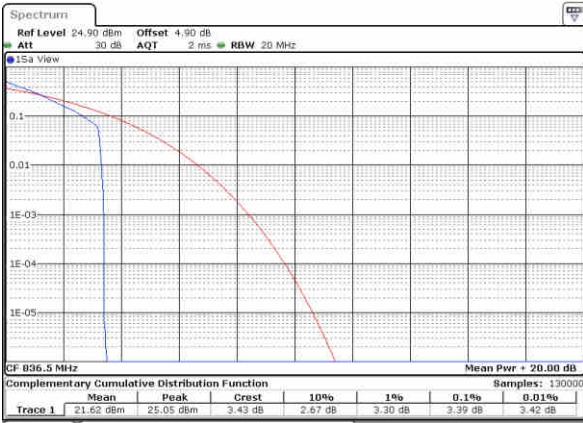
Date: 21 OCT 2019 22:35:27

Lowest Channel / Full RB



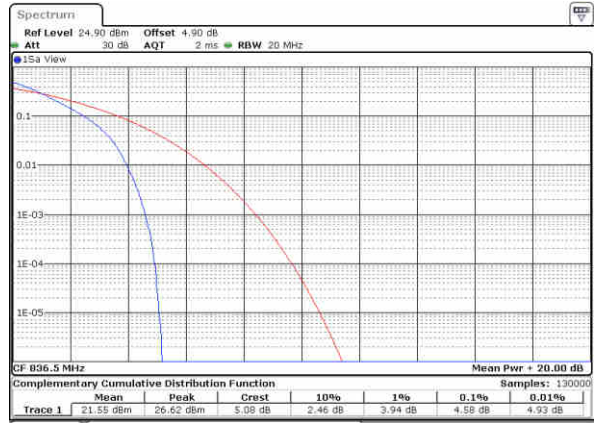
Date: 21 OCT 2019 22:36:56

Middle Channel / 1RB



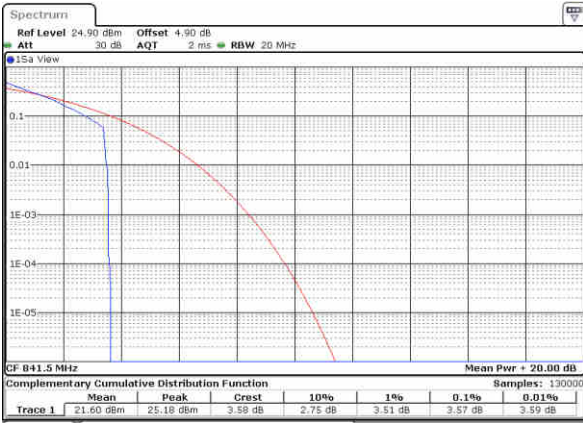
Date: 21 OCT 2019 22:38:15

Middle Channel / Full RB



Date: 21 OCT 2019 22:37:45

Highest Channel / 1RB



Date: 21 OCT 2019 22:38:25

Highest Channel / Full RB

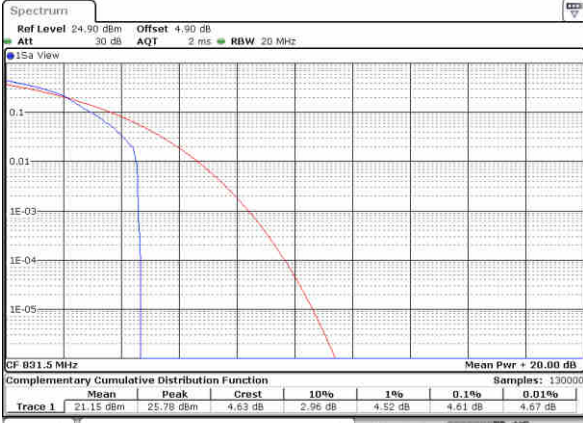


Date: 21 OCT 2019 22:37:54



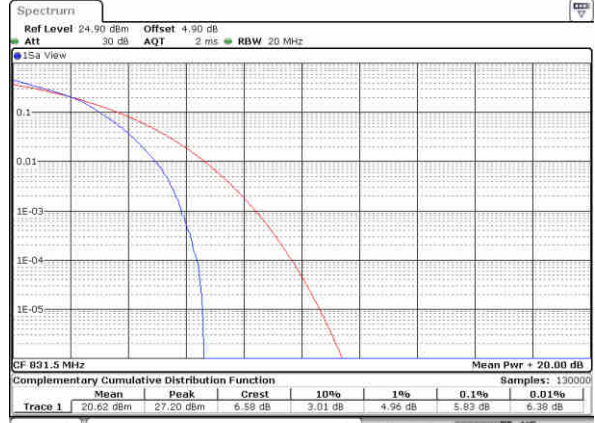
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



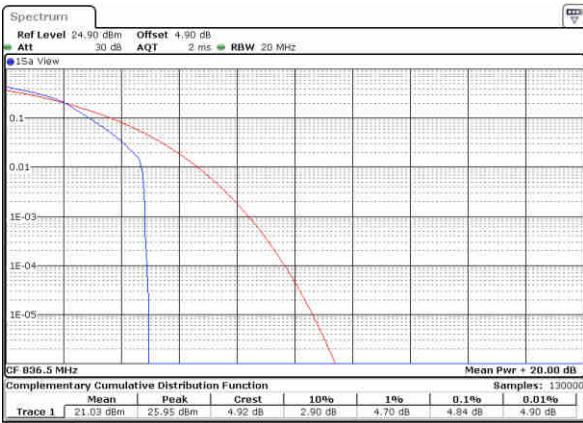
Date: 21 OCT 2019 22:35:37

Lowest Channel / Full RB



Date: 21 OCT 2019 22:37:07

Middle Channel / 1RB



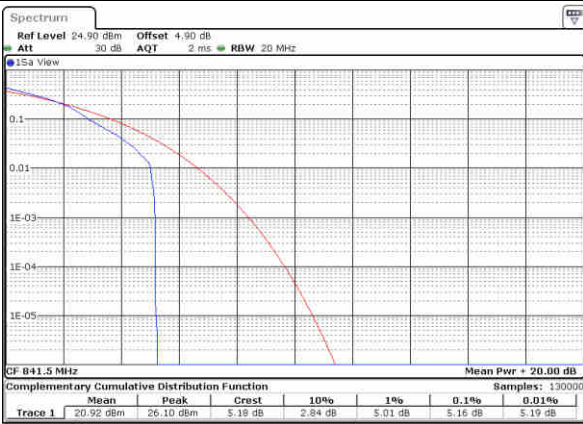
Date: 21 OCT 2019 22:36:06

Middle Channel / Full RB



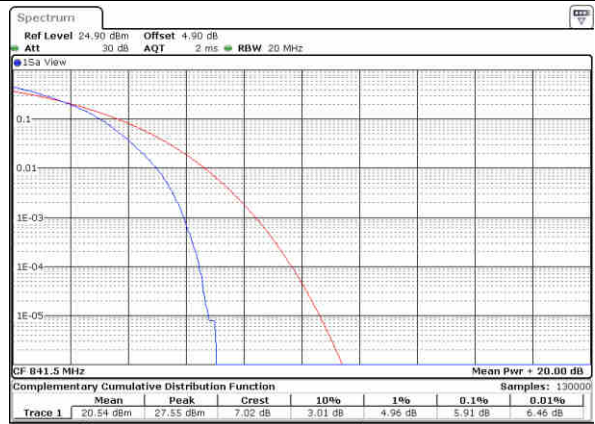
Date: 21 OCT 2019 22:37:35

Highest Channel / 1RB



Date: 21 OCT 2019 22:36:34

Highest Channel / Full RB

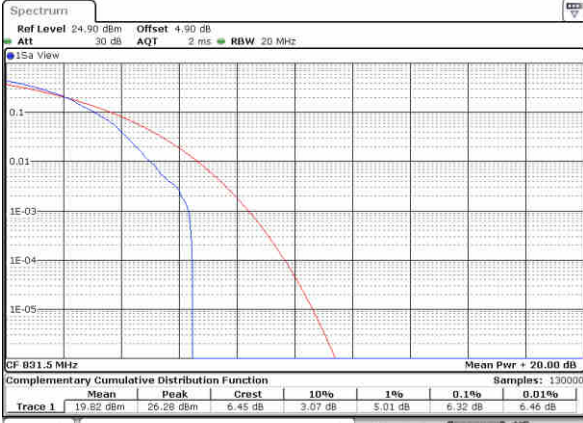


Date: 21 OCT 2019 22:38:03



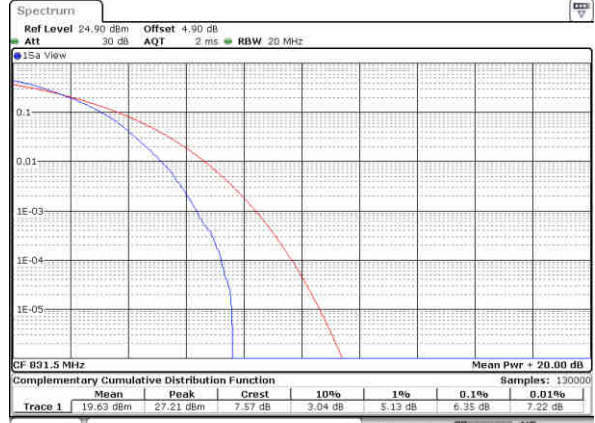
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



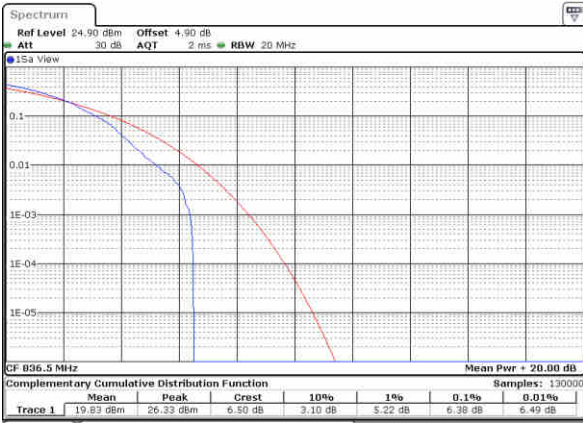
Date: 21 OCT 2019 22:35:46

Lowest Channel / Full RB



Date: 21 OCT 2019 22:37:17

Middle Channel / 1RB



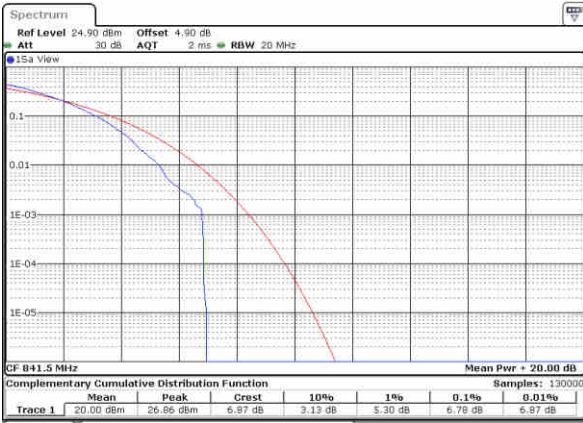
Date: 21 OCT 2019 22:35:56

Middle Channel / Full RB



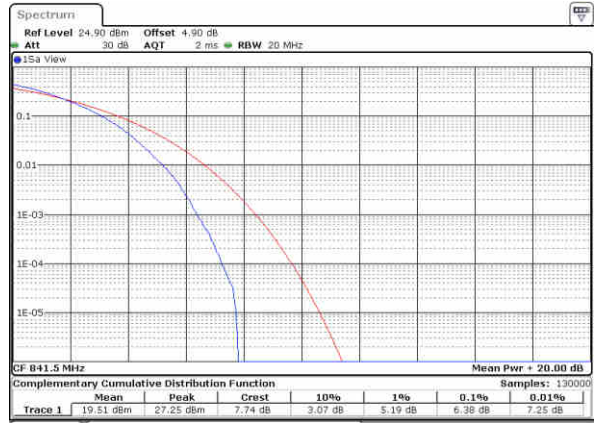
Date: 21 OCT 2019 22:37:26

Highest Channel / 1RB



Date: 21 OCT 2019 22:38:47

Highest Channel / Full RB



Date: 21 OCT 2019 22:38:12



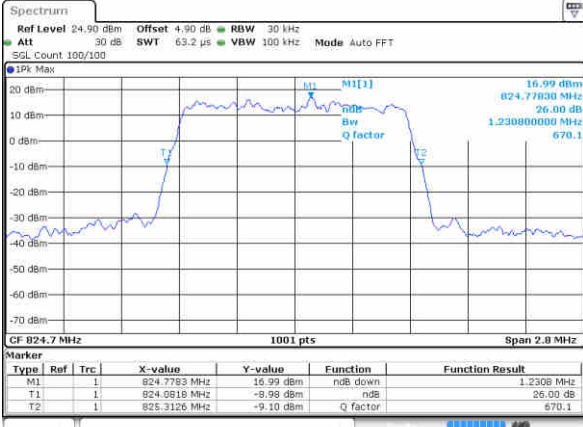
26dB Bandwidth

| Mode | LTE Band 26 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|----------------------------|--------|-------|--------|--------|-------|-------|-------|--------|--------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| BW | | | | | | | | | | | | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.2308 | 1.228 | 3.021 | 3.0569 | 4.935 | 4.915 | 9.81 | 9.81 | 14.446 | 14.595 | - | - |
| Middle CH | 1.2224 | 1.2224 | 3.039 | 3.015 | 4.925 | 4.925 | 9.89 | 9.71 | 14.386 | 14.266 | - | - |
| Highest CH | 1.2336 | 1.2224 | 3.021 | 3.027 | 4.915 | 4.885 | 9.81 | 9.77 | 14.326 | 14.476 | - | - |
| BW | 1.4MHz | 3MHz | 5MHz | 10MHz | 15MHz | | | | | | | |
| Mod. | 64QAM | 64QAM | 64QAM | 64QAM | 64QAM | | | | | | | |
| Lowest CH | 1.2364 | 3.009 | 4.775 | 9.73 | 14.416 | | | | | | | |
| Middle CH | 1.2224 | 3.0569 | 4.865 | 9.77 | 14.146 | | | | | | | |
| Highest CH | 1.2336 | 3.045 | 4.925 | 9.75 | 14.476 | | | | | | | |



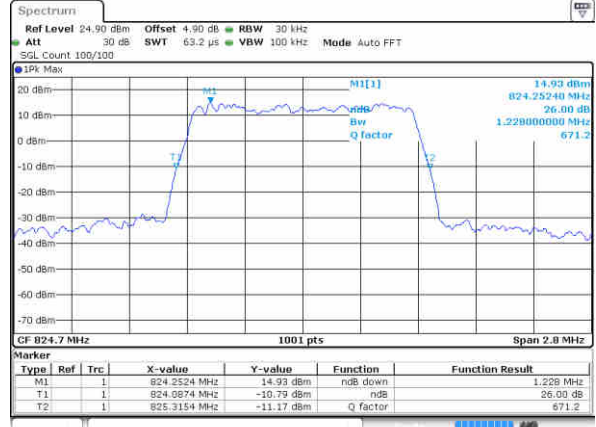
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



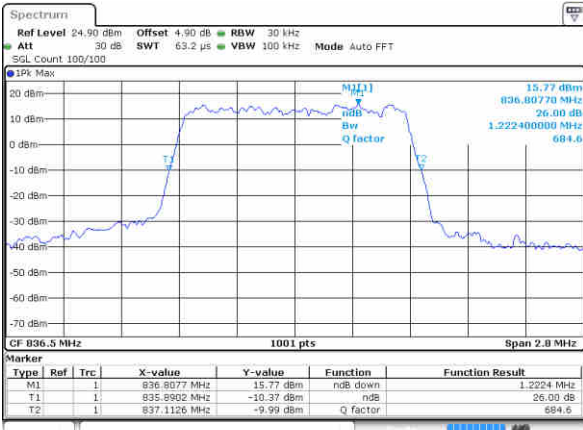
Date: 21 OCT 2019 21:04:17

Lowest Channel / 1.4MHz / 16QAM



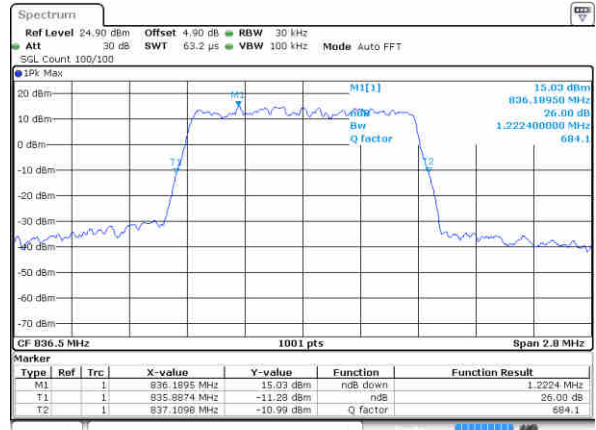
Date: 21 OCT 2019 21:04:37

Middle Channel / 1.4MHz / QPSK



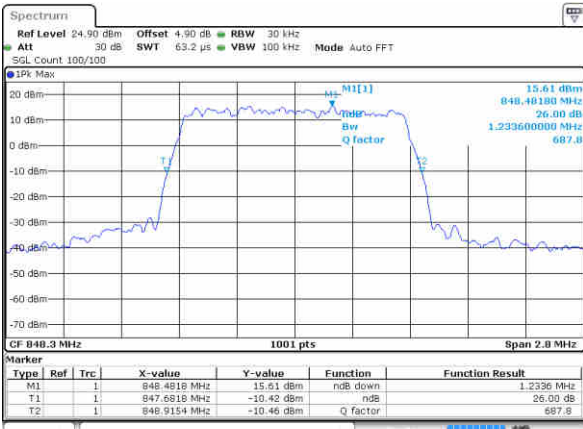
Date: 21 OCT 2019 21:23:26

Middle Channel / 1.4MHz / 16QAM



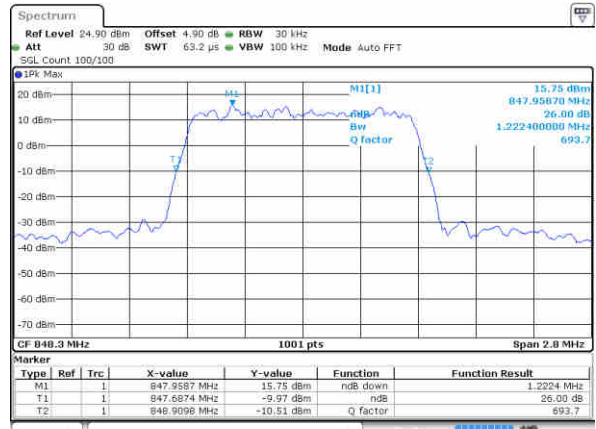
Date: 21 OCT 2019 21:23:08

Highest Channel / 1.4MHz / QPSK



Date: 21 OCT 2019 21:23:46

Highest Channel / 1.4MHz / 16QAM

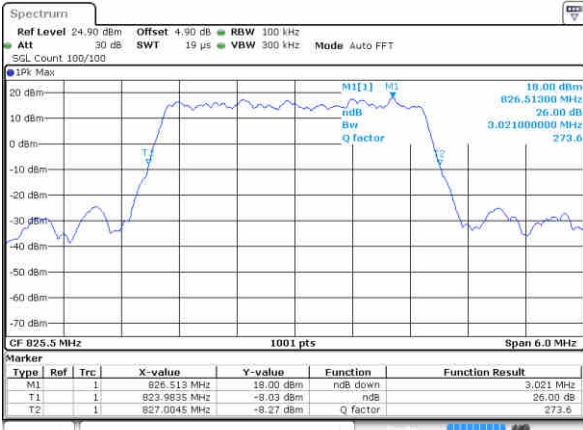


Date: 21 OCT 2019 21:24:06



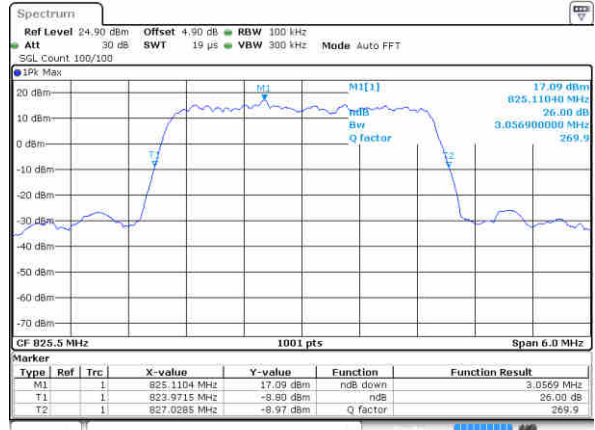
LTE Band 26

Lowest Channel / 3MHz / QPSK



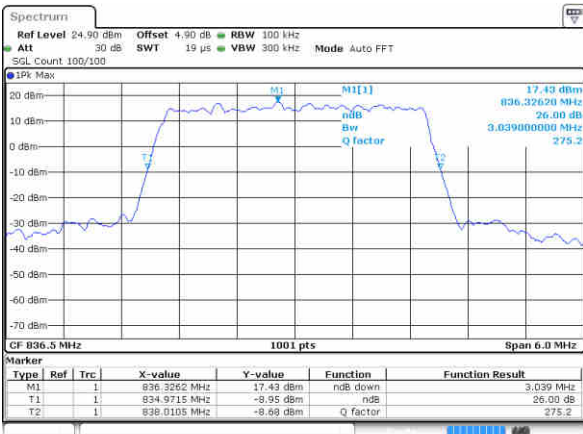
Date: 21 OCT 2019 21:24:46

Lowest Channel / 3MHz / 16QAM



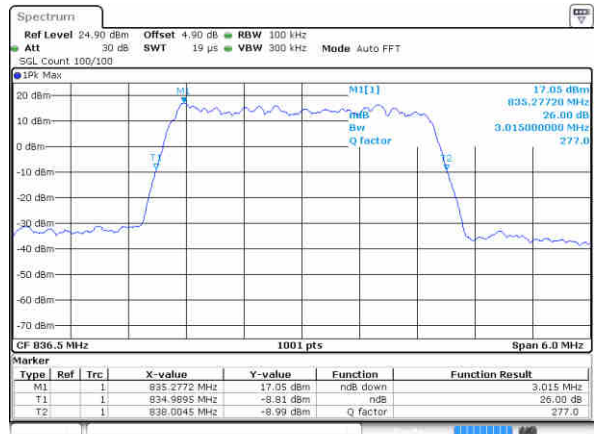
Date: 21 OCT 2019 21:25:08

Middle Channel / 3MHz / QPSK



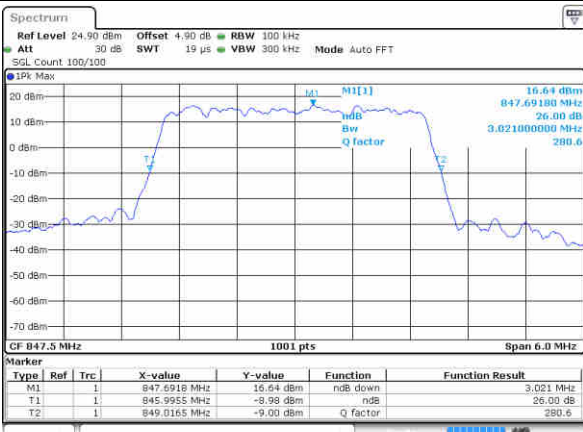
Date: 21 OCT 2019 21:26:26

Middle Channel / 3MHz / 16QAM



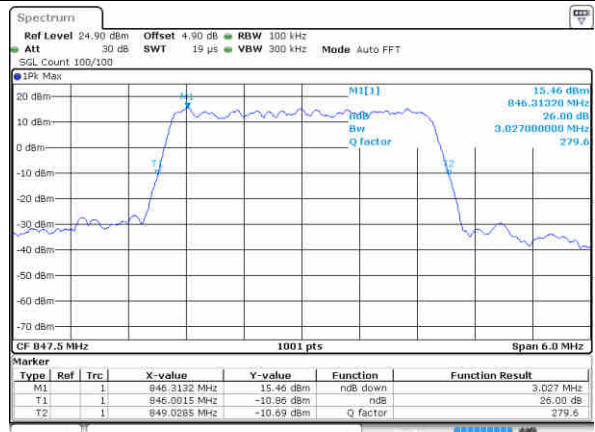
Date: 21 OCT 2019 21:26:08

Highest Channel / 3MHz / QPSK



Date: 21 OCT 2019 21:26:46

Highest Channel / 3MHz / 16QAM

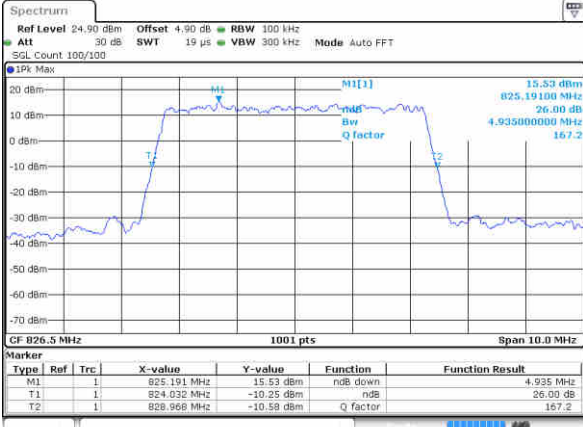


Date: 21 OCT 2019 21:27:08



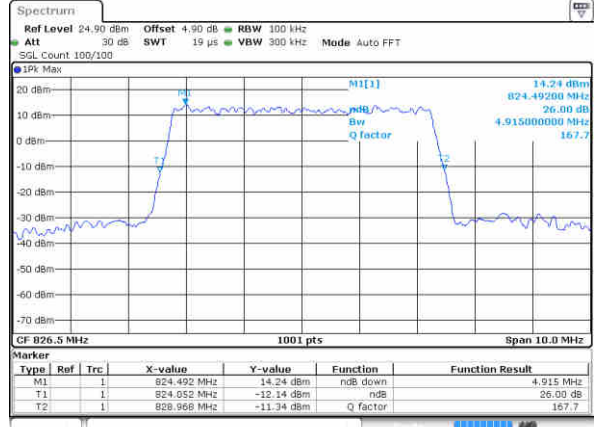
LTE Band 26

Lowest Channel / 5MHz / QPSK



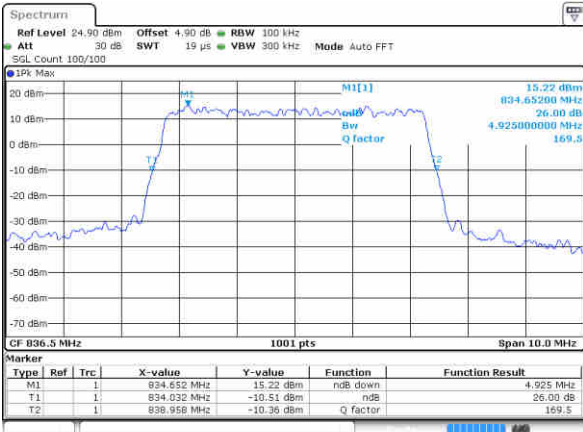
Date: 21 OCT 2019 21:42:39

Lowest Channel / 5MHz / 16QAM



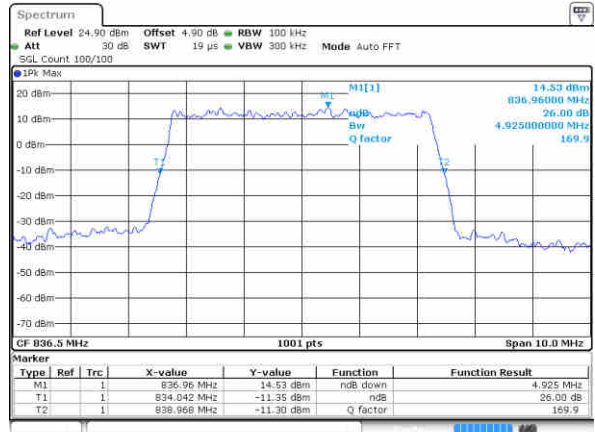
Date: 21 OCT 2019 21:42:59

Middle Channel / 5MHz / QPSK



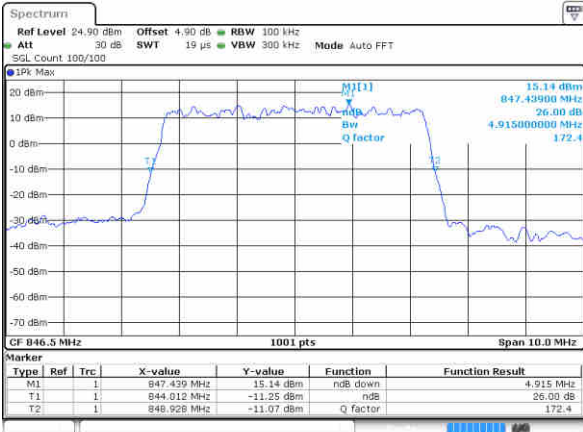
Date: 21 OCT 2019 21:44:19

Middle Channel / 5MHz / 16QAM



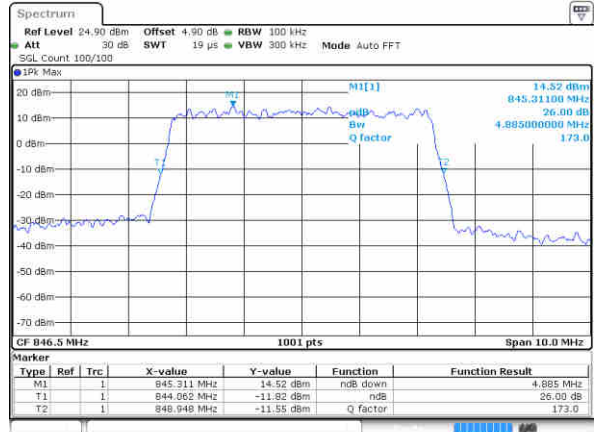
Date: 21 OCT 2019 21:43:59

Highest Channel / 5MHz / QPSK



Date: 21 OCT 2019 21:44:39

Highest Channel / 5MHz / 16QAM

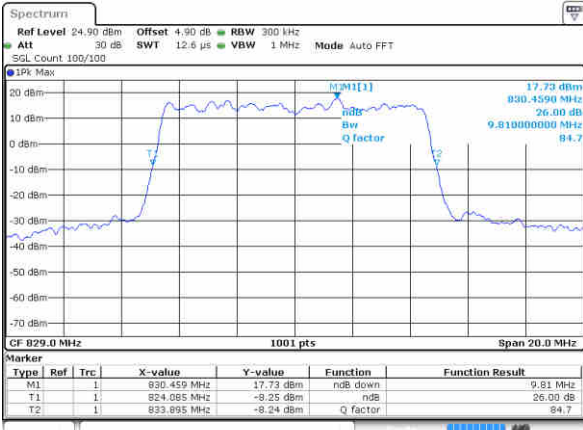


Date: 21 OCT 2019 21:44:59



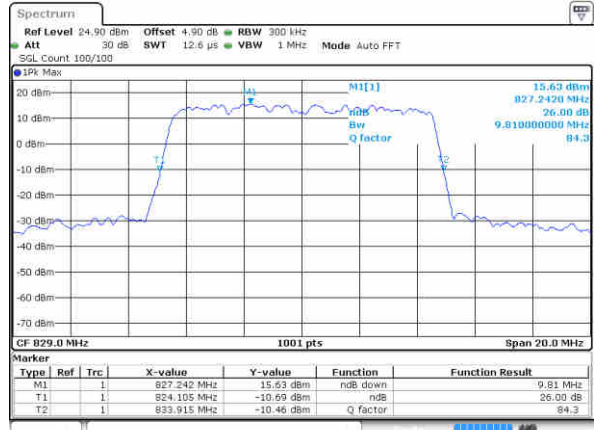
LTE Band 26

Lowest Channel / 10MHz / QPSK



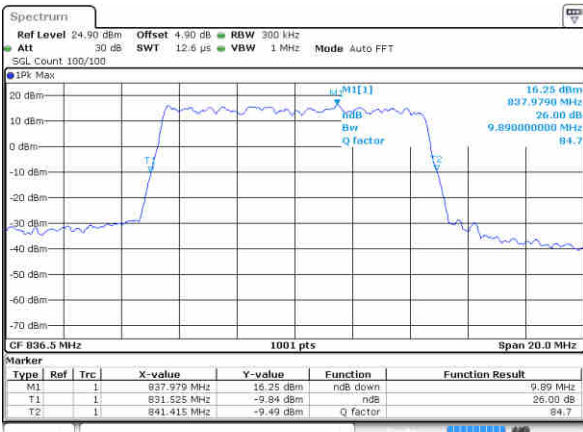
Date: 21 OCT 2019 21:59:38

Lowest Channel / 10MHz / 16QAM



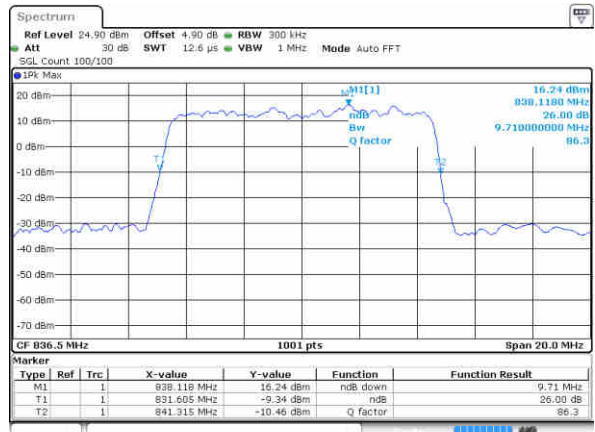
Date: 21 OCT 2019 21:59:58

Middle Channel / 10MHz / QPSK



Date: 21 OCT 2019 22:01:18

Middle Channel / 10MHz / 16QAM



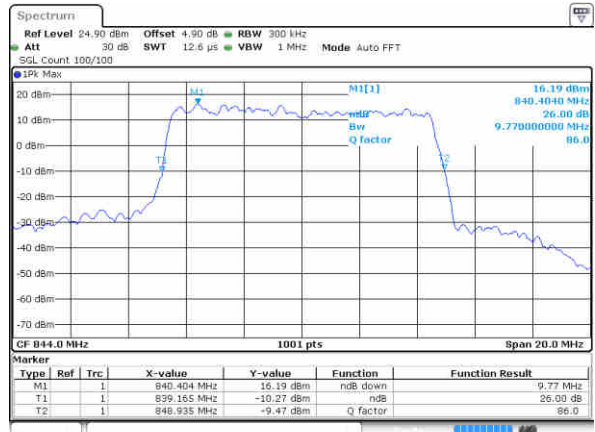
Date: 21 OCT 2019 22:00:58

Highest Channel / 10MHz / QPSK



Date: 21 OCT 2019 22:01:38

Highest Channel / 10MHz / 16QAM



Date: 21 OCT 2019 22:01:58