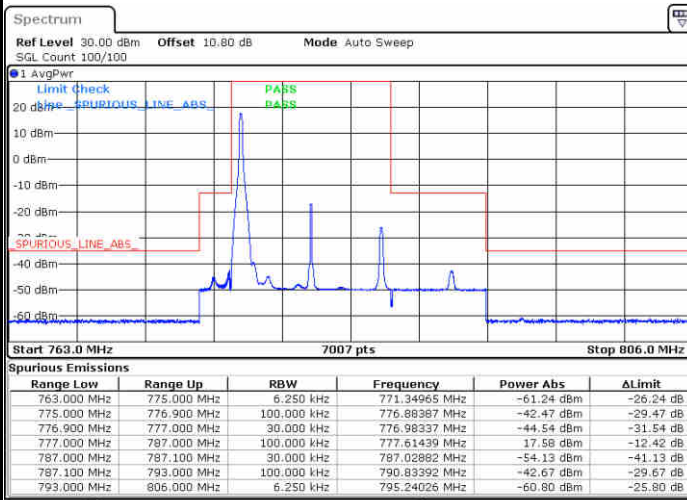




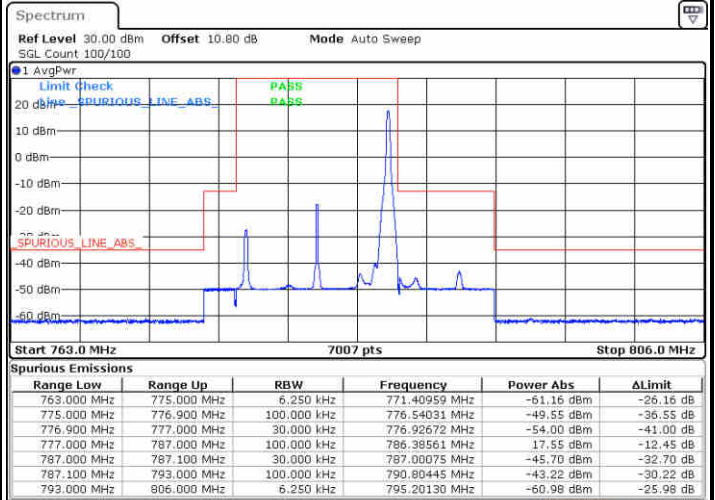
IC LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



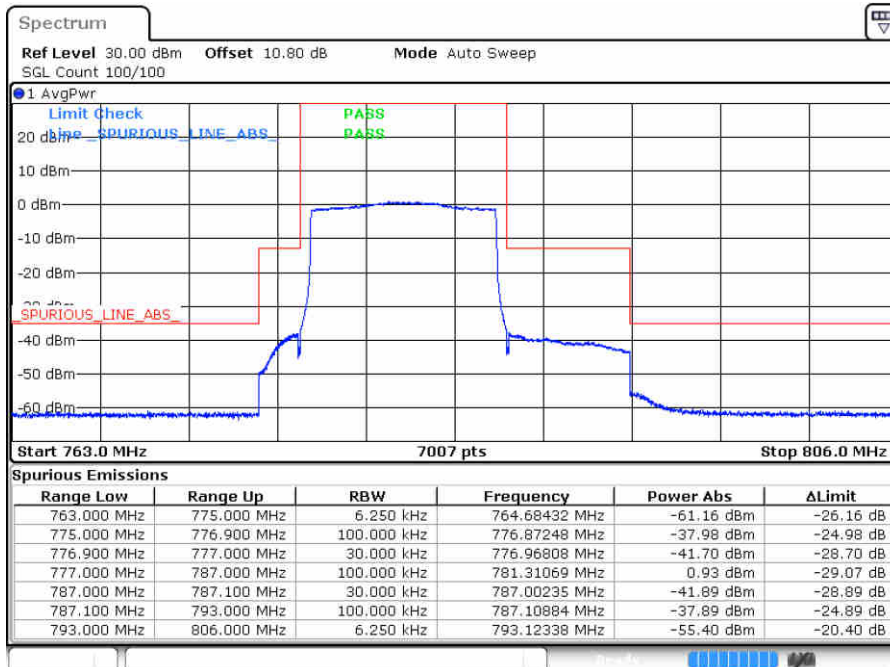
Date: 2.OCT.2017 08:55:14

Highest Band Edge / 1 RB



Date: 2.OCT.2017 09:04:42

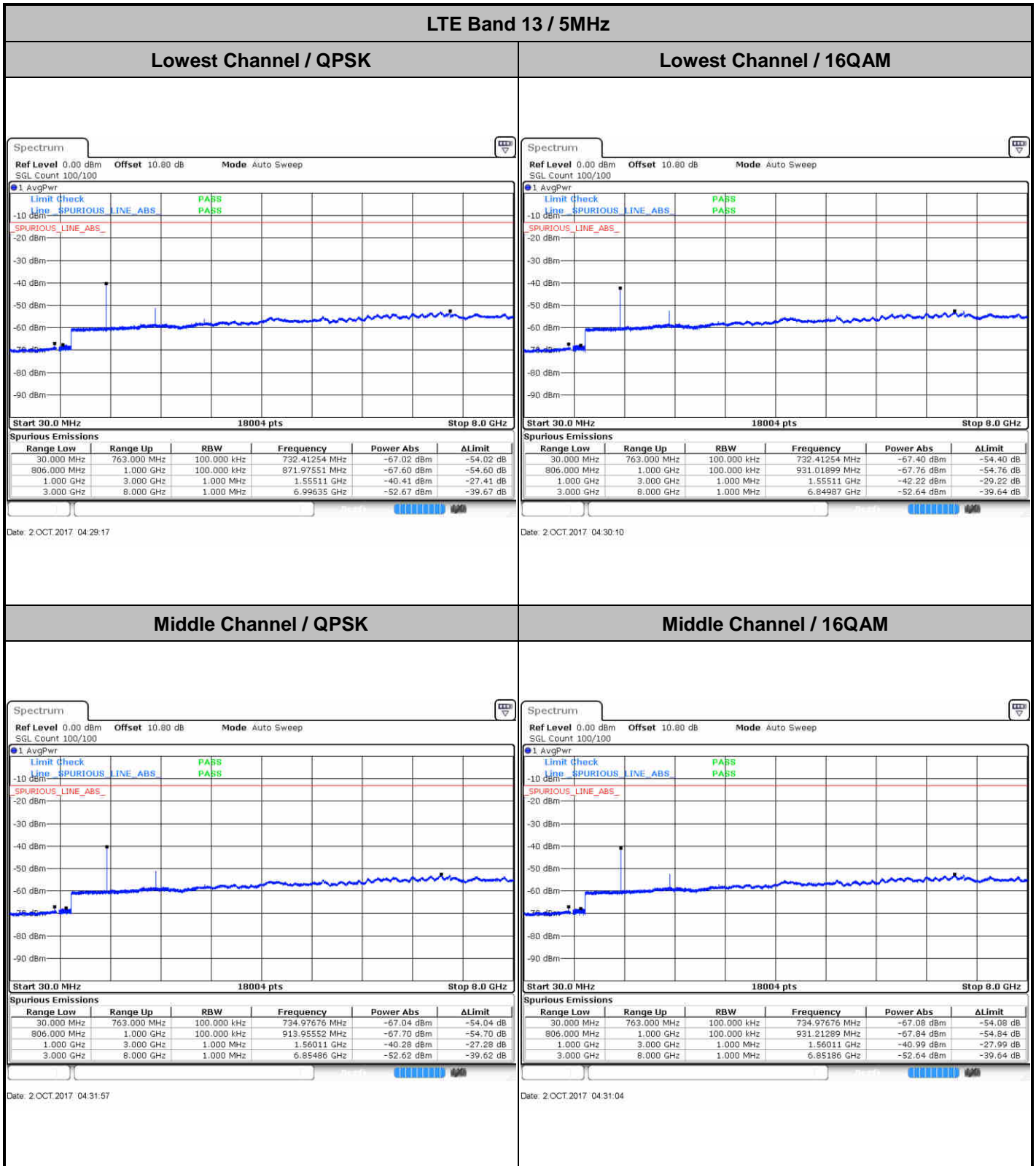
Band Edge / Full RB



Date: 2.OCT.2017 08:56:37



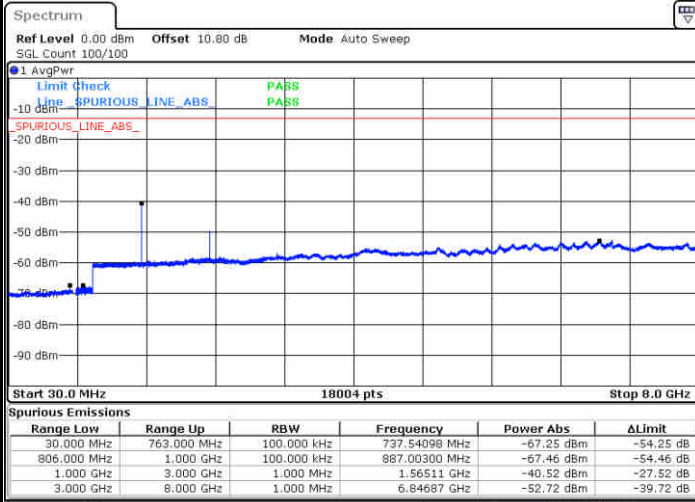
Conducted Spurious Emission





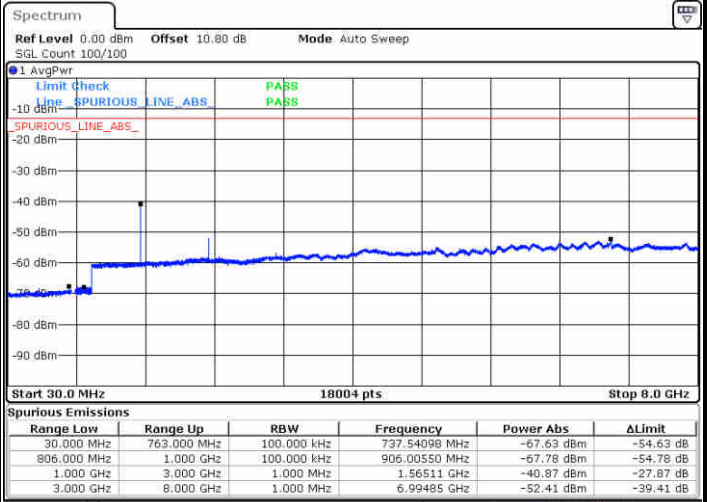
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 2.OCT.2017 04:40:46

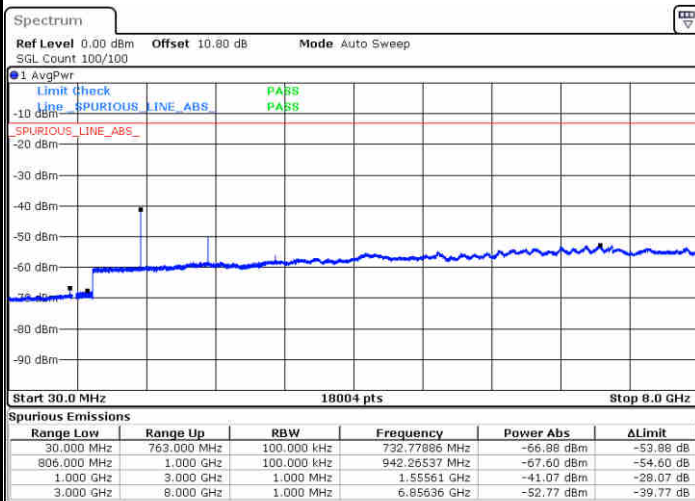
Highest Channel / 16QAM



Date: 2.OCT.2017 04:41:40

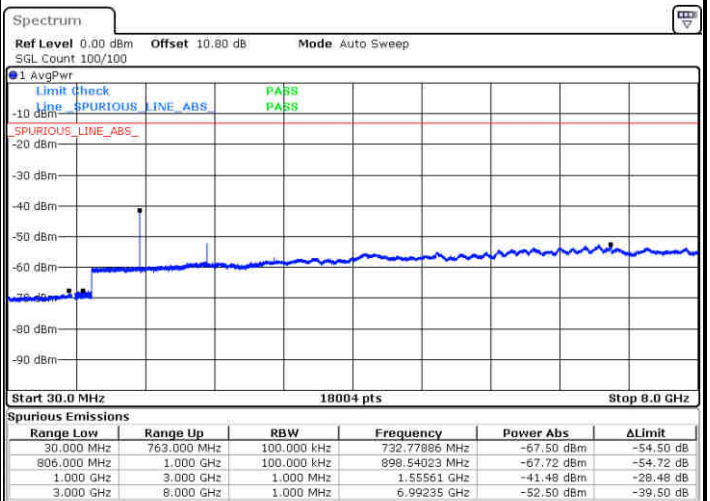
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 2.OCT.2017 05:04:16

Middle Channel / 16QAM



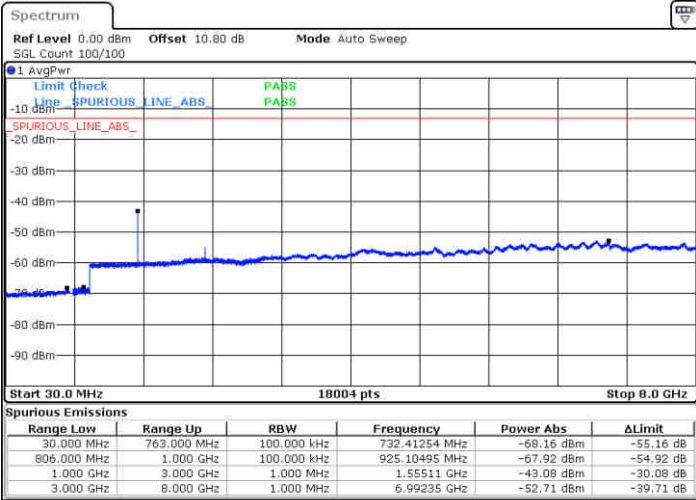
Date: 2.OCT.2017 05:03:22



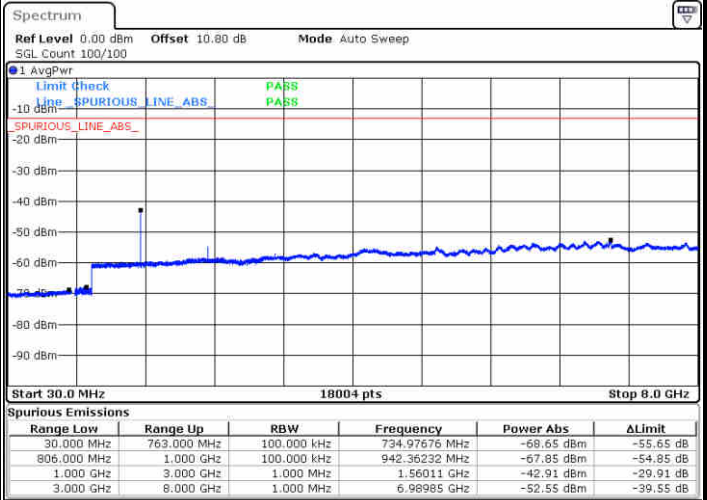
LTE Band 13 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

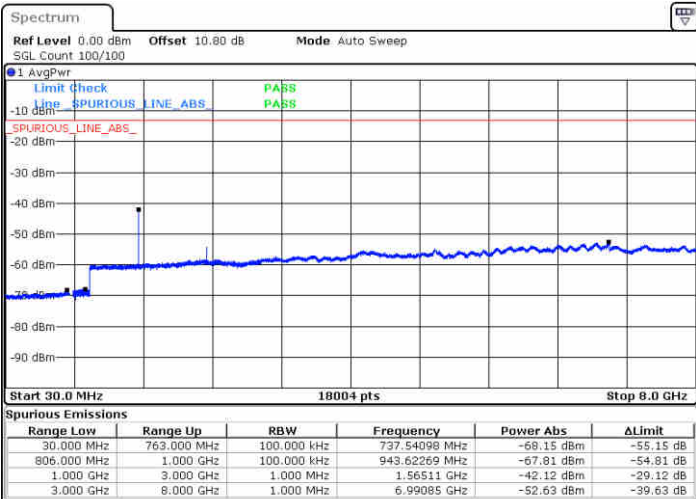


Date: 2.OCT.2017 04:46:11



Date: 2.OCT.2017 04:47:05

Highest Channel / 64QAM

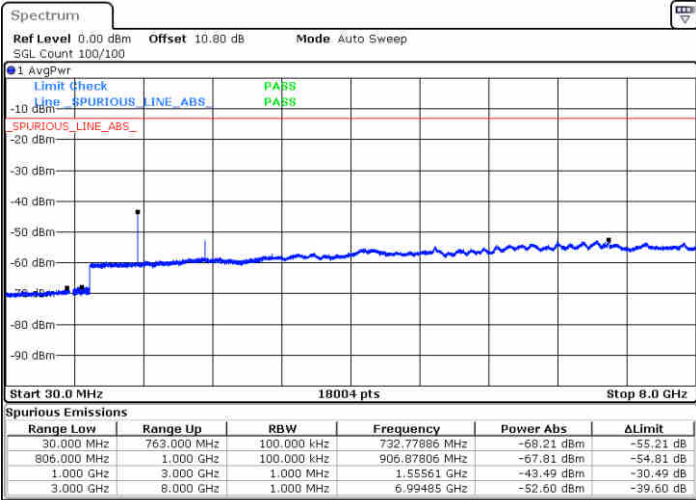


Date: 2.OCT.2017 04:51:56



LTE Band 13 / 10MHz

Middle Channel / 64QAM



Date: 2.OCT.2017 05:10:26



Frequency Stability

| Test Conditions | | LTE Band 13 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0129 | PASS |
| 40 | Normal Voltage | 0.0107 | |
| 30 | Normal Voltage | 0.0127 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0009 | |
| 0 | Normal Voltage | 0.0061 | |
| -10 | Normal Voltage | 0.0012 | |
| -20 | Normal Voltage | 0.0133 | |
| -30 | Normal Voltage | 0.0136 | |
| 20 | Maximum Voltage | 0.0110 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0003 | |

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 13 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|--------------------------------------|-------------|
| Temperature (°C) | Voltage (Volt) | BW 5MHz | Within Band |
| | | Frequency Offset (Δf) (Hz) | Result |
| 50 | Normal Voltage | -10.1 | PASS |
| 40 | Normal Voltage | -8.4 | |
| 30 | Normal Voltage | -9.9 | |
| 20(Ref.) | Normal Voltage | 0 | |
| 10 | Normal Voltage | 0.7 | |
| 0 | Normal Voltage | 0 | |
| -10 | Normal Voltage | -0.9 | |
| -20 | Normal Voltage | -10.4 | |
| -30 | Normal Voltage | -10.6 | |
| 20 | Maximum Voltage | -8.6 | |
| 20 | Normal Voltage | 0 | |
| 20 | Battery End Point | 0.2 | |

$|\text{MAX}(\Delta f)| = 10.6\text{Hz}$

| Frequency Stability | Frequency (MHz) | Limit Line | Result |
|--------------------------------|-----------------|------------------------|--------|
| $f_L - \text{MAX}(\Delta f) $ | 777.158989 | $\geq 777 \text{ MHz}$ | PASS |
| $f_H + \text{MAX}(\Delta f) $ | 786.850011 | $\leq 787 \text{ MHz}$ | |



LTE Band 26_Part 22H

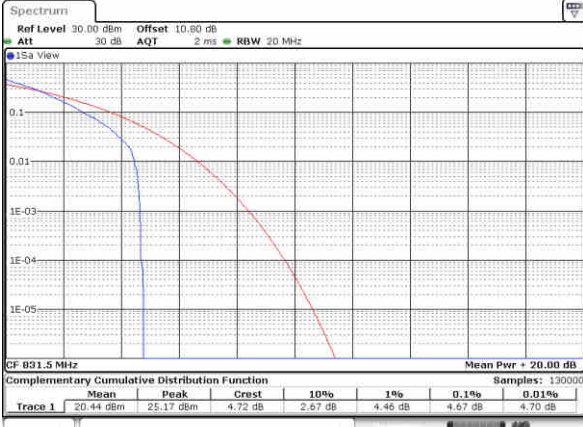
Peak-to-Average Ratio

| Mode | LTE Band 26 / 15MHz | | | | |
|------------|---------------------|---------|-------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 4.67 | 5.33 | 5.68 | 6.12 | PASS |
| Middle CH | 4.46 | 5.33 | 5.16 | 6.14 | |
| Highest CH | 4.64 | 5.13 | 5.39 | 6.03 | |
| Mode | LTE Band 26 / 15MHz | | | | |
| Mod. | 64QAM | | | | Limit: 13dB |
| RB Size | 1RB | Full RB | | | Result |
| Lowest CH | 6.26 | 6.72 | - | - | PASS |
| Middle CH | 6.32 | 6.61 | - | - | |
| Highest CH | 6.52 | 6.49 | - | - | |



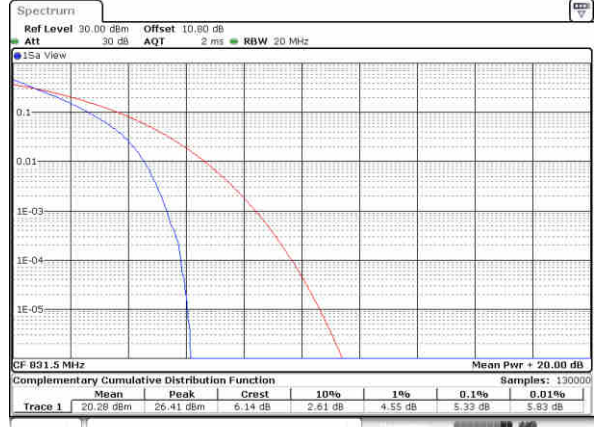
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



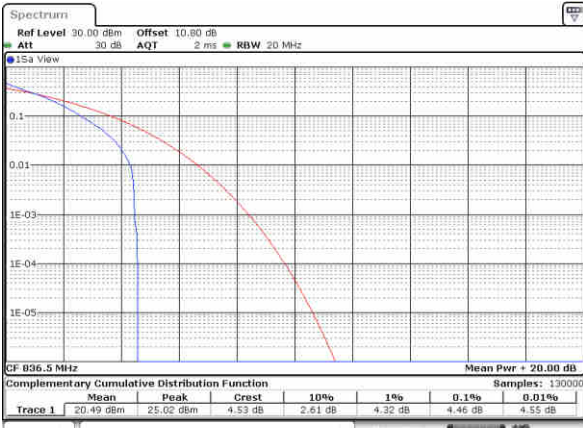
Date: 2.OCT.2017 10:42:21

Lowest Channel / Full RB



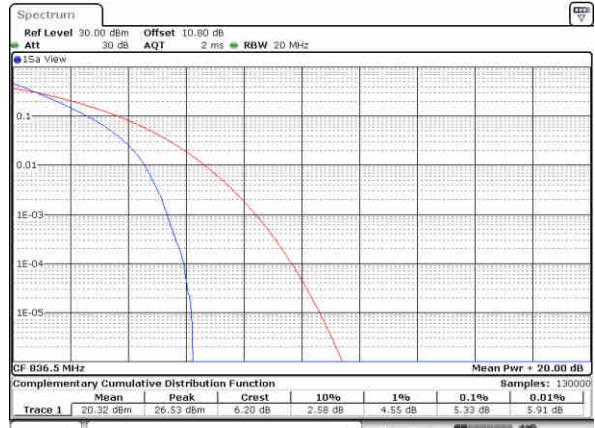
Date: 2.OCT.2017 10:41:46

Middle Channel / 1RB



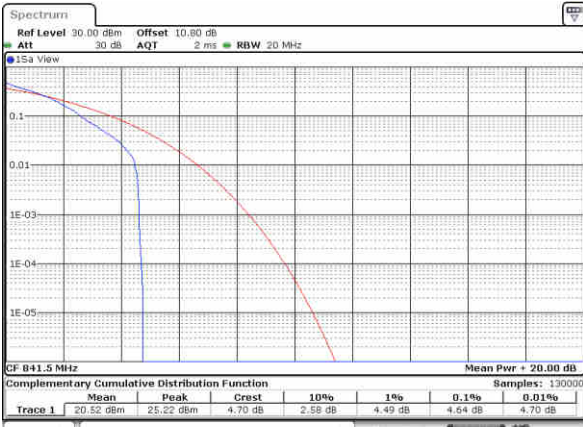
Date: 2.OCT.2017 10:42:31

Middle Channel / Full RB



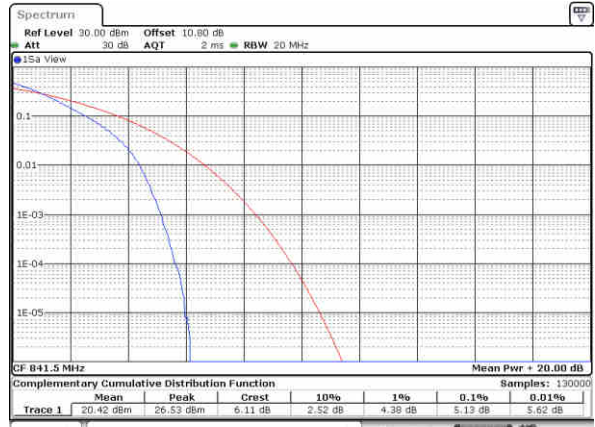
Date: 2.OCT.2017 10:43:56

Highest Channel / 1RB



Date: 2.OCT.2017 10:44:59

Highest Channel / Full RB



Date: 2.OCT.2017 10:44:07



LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



Date: 2.OCT.2017 10:42:08

Lowest Channel / Full RB



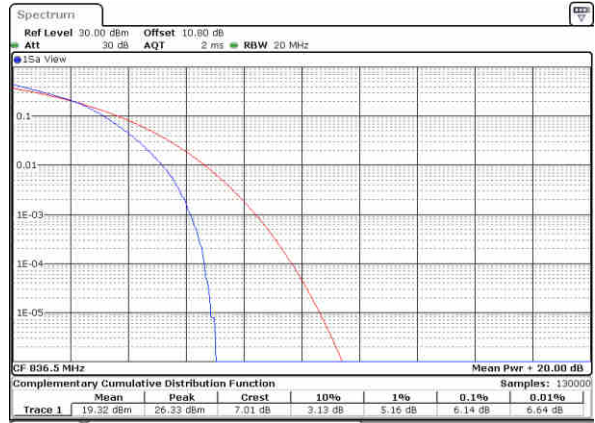
Date: 2.OCT.2017 10:41:56

Middle Channel / 1RB



Date: 2.OCT.2017 10:42:52

Middle Channel / Full RB



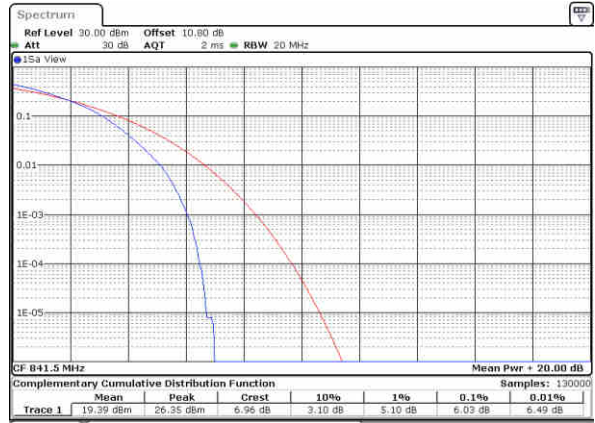
Date: 2.OCT.2017 10:43:24

Highest Channel / 1RB



Date: 2.OCT.2017 10:44:46

Highest Channel / Full RB

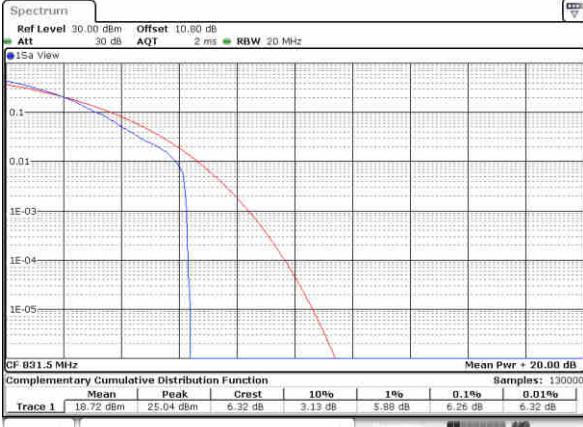


Date: 2.OCT.2017 10:44:35



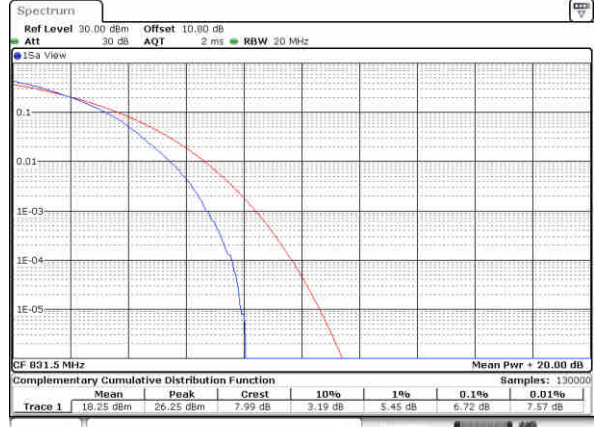
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



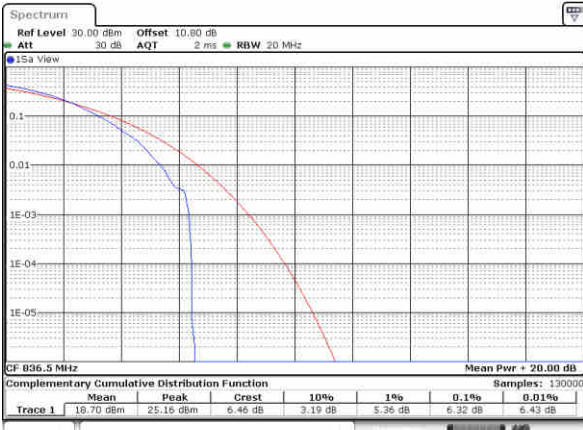
Date: 2.OCT.2017 11:55:57

Lowest Channel / Full RB



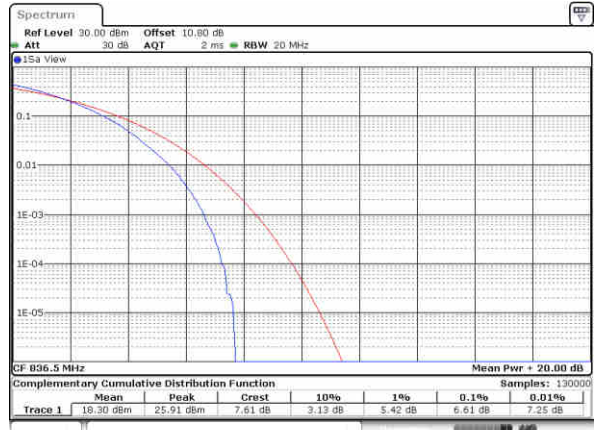
Date: 2.OCT.2017 11:55:43

Middle Channel / 1RB



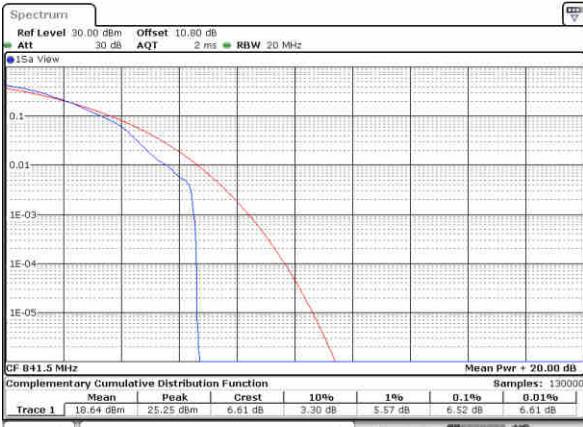
Date: 2.OCT.2017 11:56:09

Middle Channel / Full RB



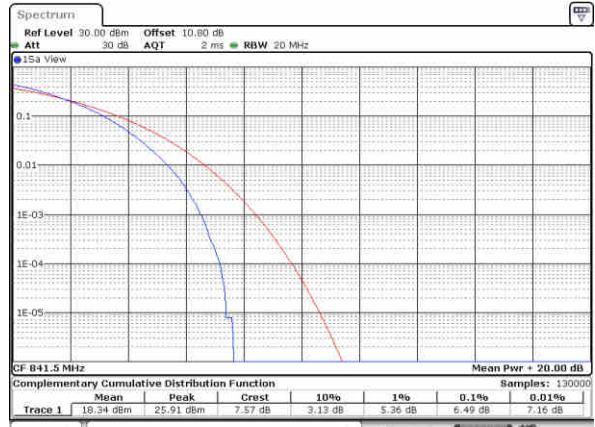
Date: 2.OCT.2017 11:56:16

Highest Channel / 1RB



Date: 2.OCT.2017 12:00:40

Highest Channel / Full RB



Date: 2.OCT.2017 12:00:24



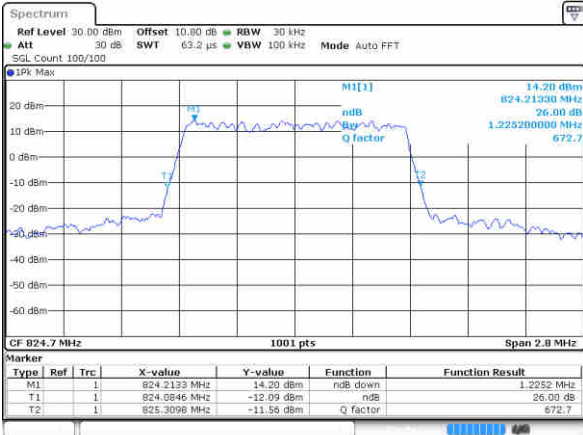
26dB Bandwidth

| Mode | LTE Band 26 : 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 | 2.99 | 4.95 | 4.84 | 9.71 | 9.69 | 14.24 | 14.33 | - | - |
| Middle CH | 1.23 | 1.23 | 3.00 | 3.00 | 4.90 | 4.88 | 9.75 | 9.75 | 14.39 | 14.42 | - | - |
| Highest CH | 1.23 | 1.22 | 3.01 | 3.03 | 4.86 | 4.88 | 9.69 | 9.87 | 14.24 | 14.36 | - | - |
| Mode | LTE Band 26 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.22 | - | 3.02 | - | 4.93 | - | 9.69 | - | 14.39 | - | - | - |
| Middle CH | 1.21 | - | 3.01 | - | 4.91 | - | 9.97 | - | 14.36 | - | - | - |
| Highest CH | 1.23 | - | 3.04 | - | 4.87 | - | 9.75 | - | 14.39 | - | - | - |



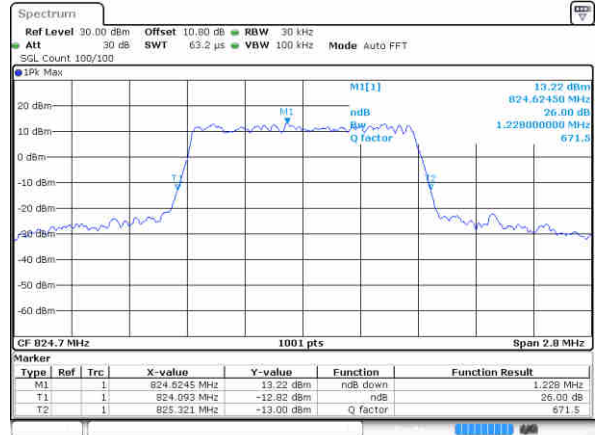
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



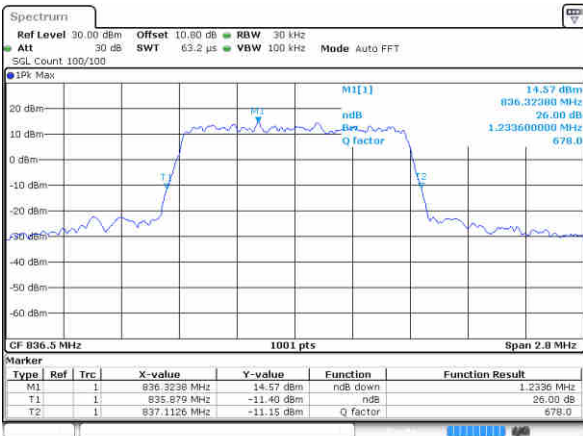
Date: 2.OCT.2017 09:15:30

Lowest Channel / 1.4MHz / 16QAM



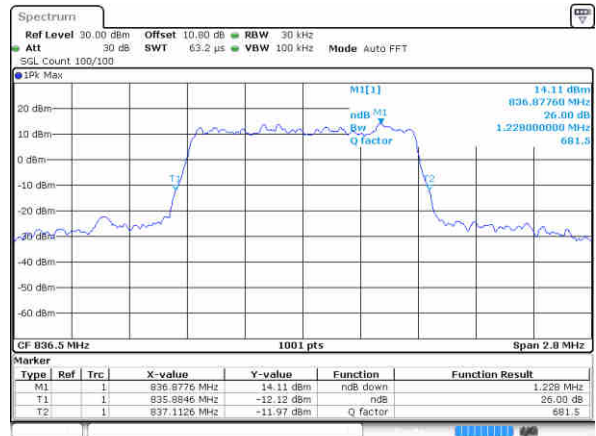
Date: 2.OCT.2017 09:15:20

Middle Channel / 1.4MHz / QPSK



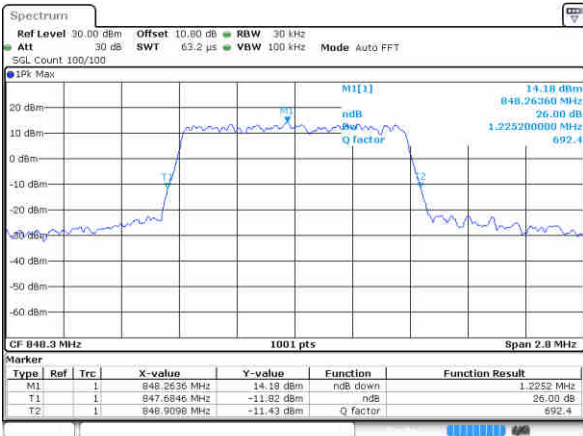
Date: 2.OCT.2017 09:23:15

Middle Channel / 1.4MHz / 16QAM



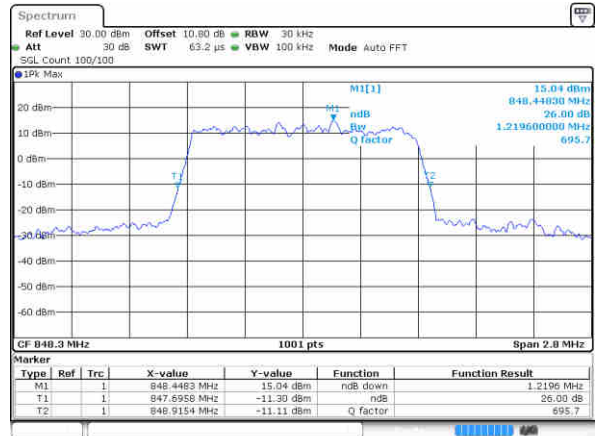
Date: 2.OCT.2017 09:23:05

Highest Channel / 1.4MHz / QPSK



Date: 2.OCT.2017 09:25:42

Highest Channel / 1.4MHz / 16QAM

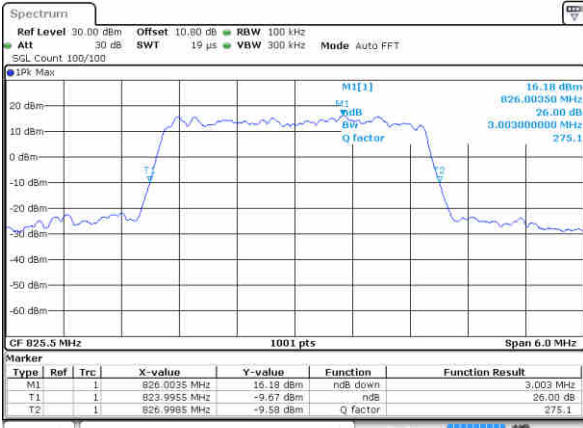


Date: 2.OCT.2017 09:25:32



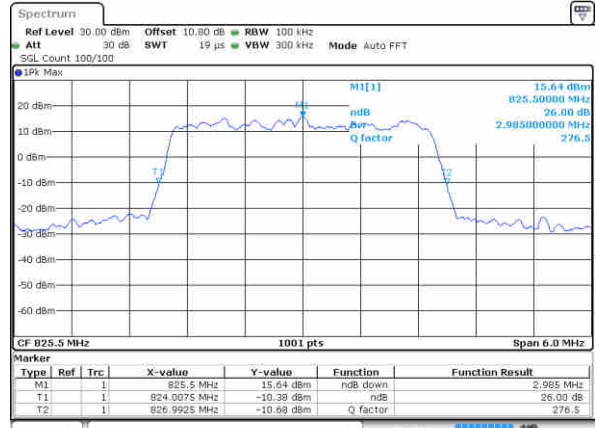
LTE Band 26

Lowest Channel / 3MHz / QPSK



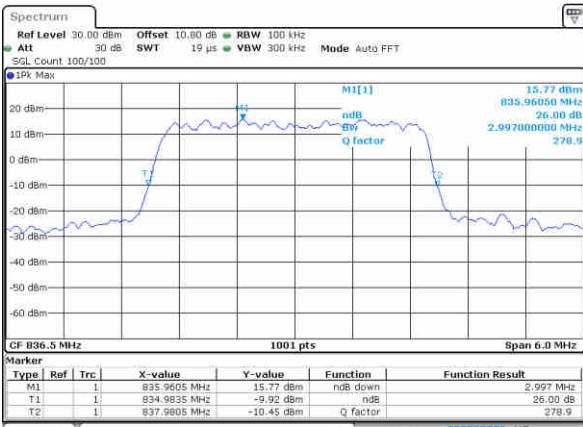
Date: 2.OCT.2017 09:35:20

Lowest Channel / 3MHz / 16QAM



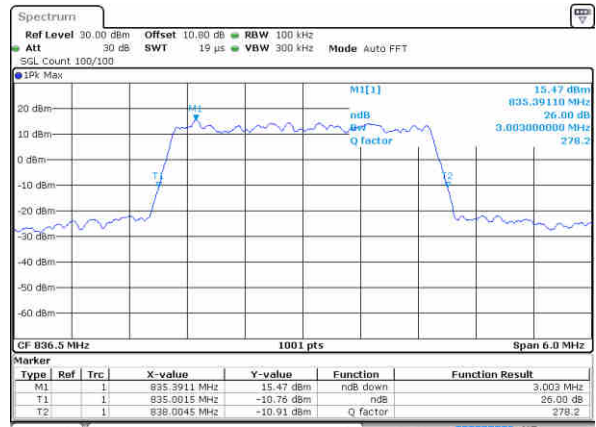
Date: 2.OCT.2017 09:35:10

Middle Channel / 3MHz / QPSK



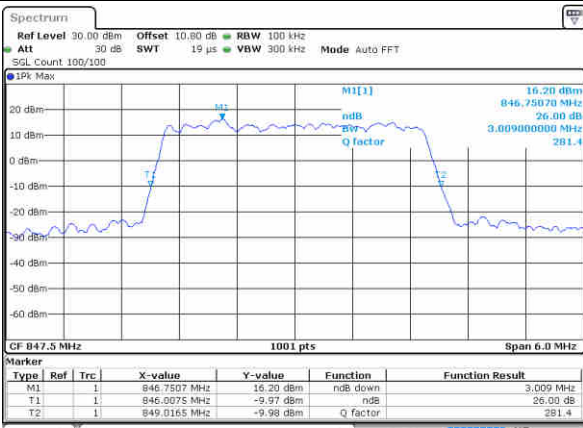
Date: 2.OCT.2017 09:42:22

Middle Channel / 3MHz / 16QAM



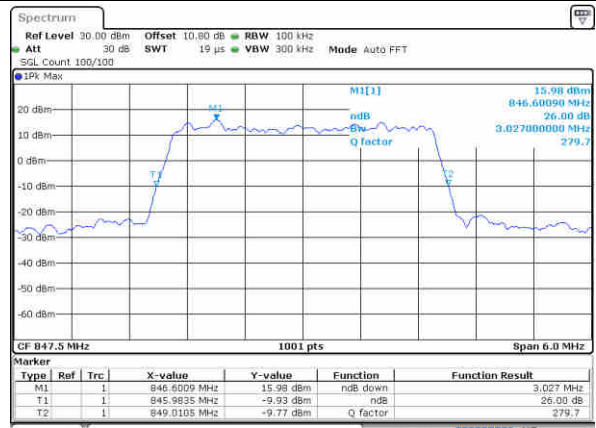
Date: 2.OCT.2017 09:42:12

Highest Channel / 3MHz / QPSK



Date: 2.OCT.2017 09:44:50

Highest Channel / 3MHz / 16QAM

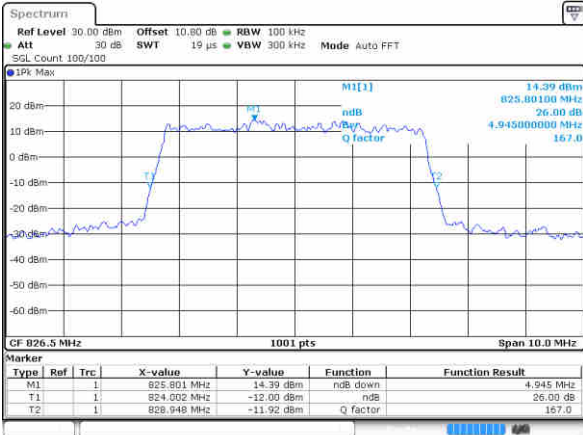


Date: 2.OCT.2017 09:44:40



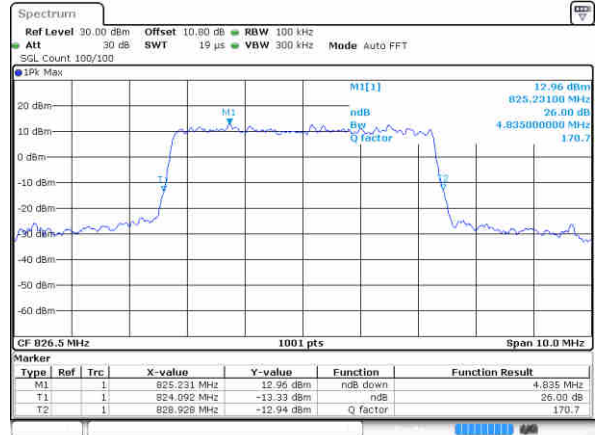
LTE Band 26

Lowest Channel / 5MHz / QPSK



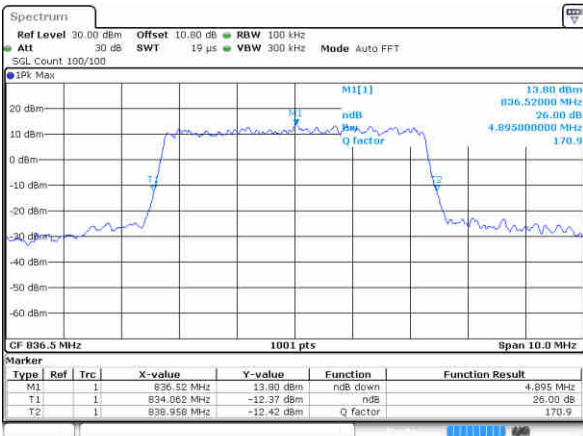
Date: 2.OCT.2017 09:51:52

Lowest Channel / 5MHz / 16QAM



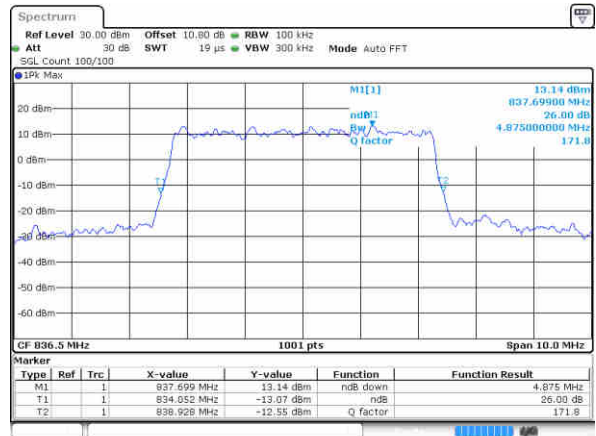
Date: 2.OCT.2017 09:51:42

Middle Channel / 5MHz / QPSK



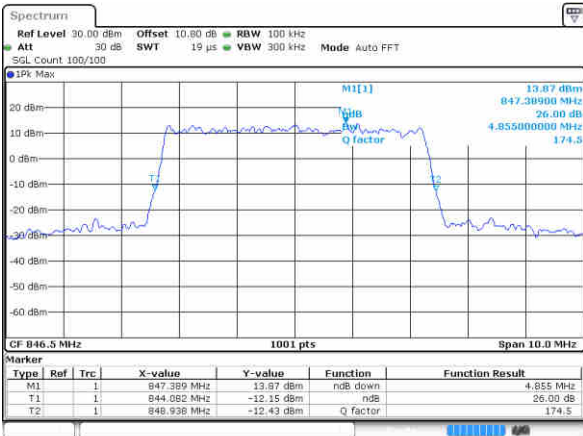
Date: 2.OCT.2017 09:58:55

Middle Channel / 5MHz / 16QAM



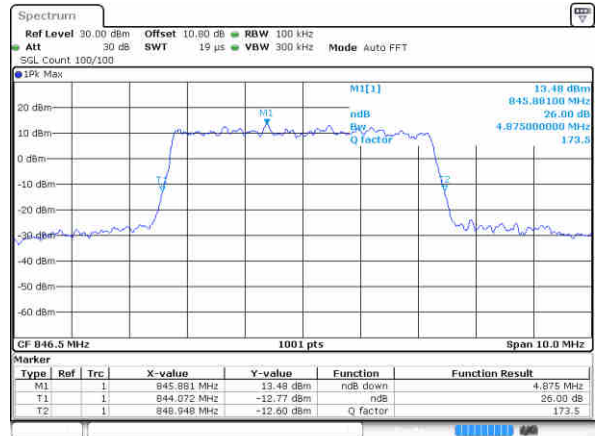
Date: 2.OCT.2017 09:58:45

Highest Channel / 5MHz / QPSK



Date: 2.OCT.2017 10:01:23

Highest Channel / 5MHz / 16QAM

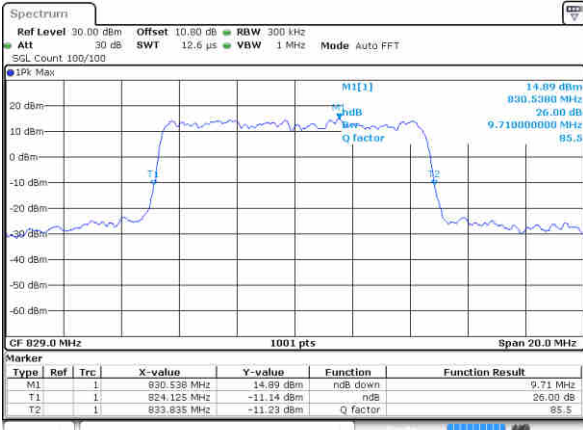


Date: 2.OCT.2017 10:01:13



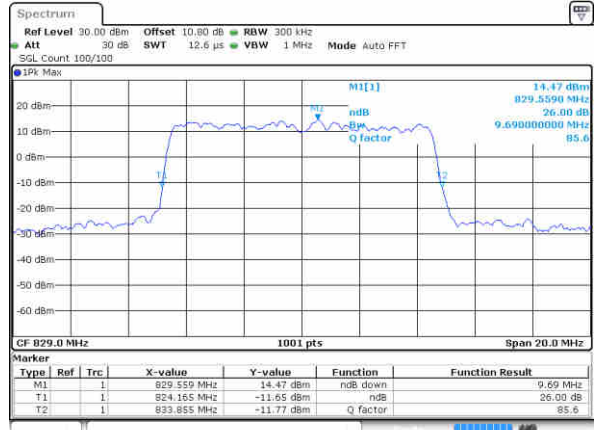
LTE Band 26

Lowest Channel / 10MHz / QPSK



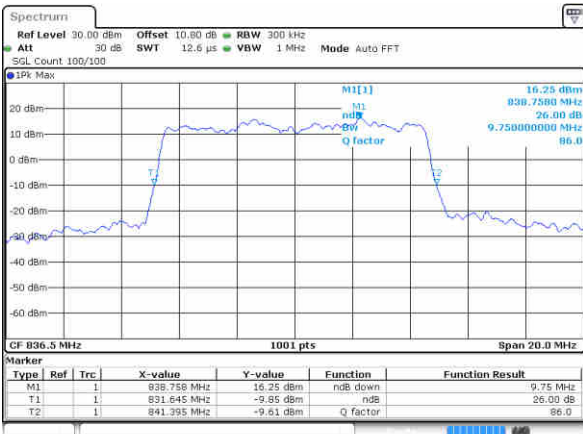
Date: 2.OCT.2017 10:08:25

Lowest Channel / 10MHz / 16QAM



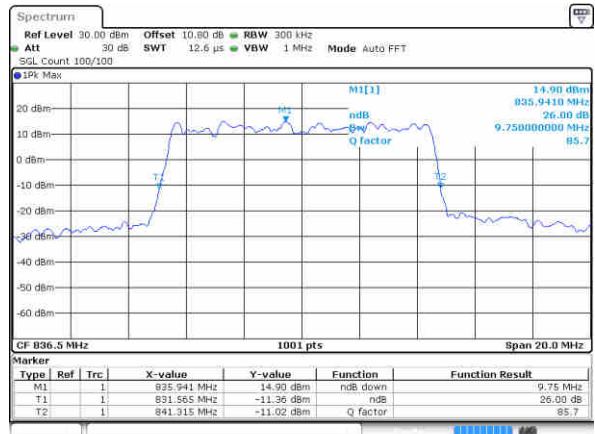
Date: 2.OCT.2017 10:08:15

Middle Channel / 10MHz / QPSK



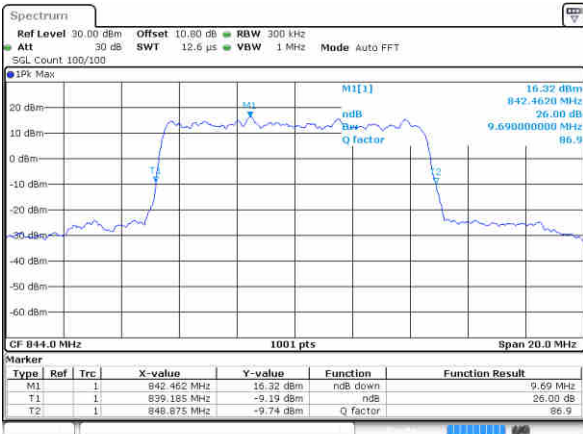
Date: 2.OCT.2017 10:15:27

Middle Channel / 10MHz / 16QAM



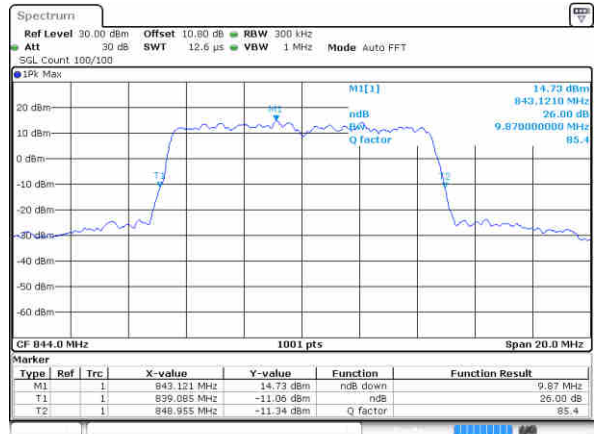
Date: 2.OCT.2017 10:15:17

Highest Channel / 10MHz / QPSK



Date: 2.OCT.2017 10:17:55

Highest Channel / 10MHz / 16QAM

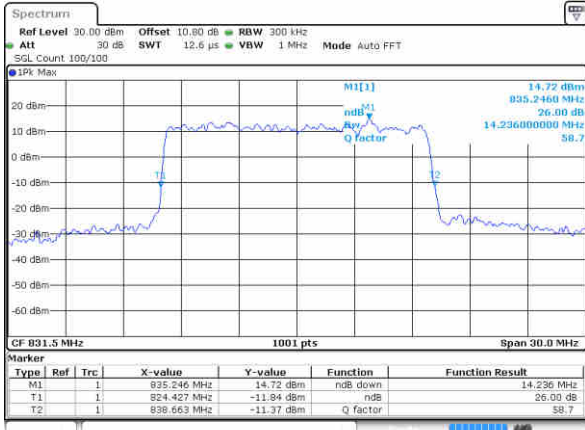


Date: 2.OCT.2017 10:17:45

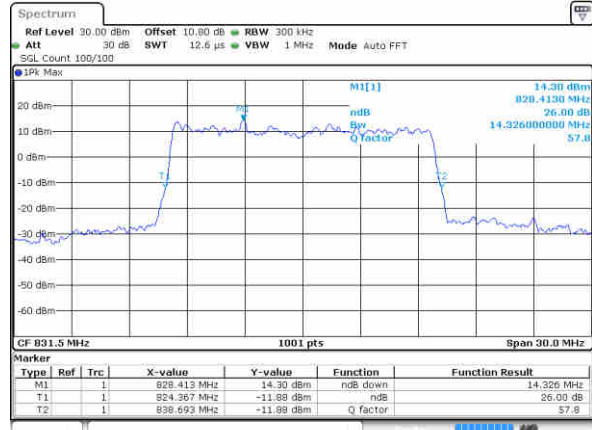


LTE Band 26

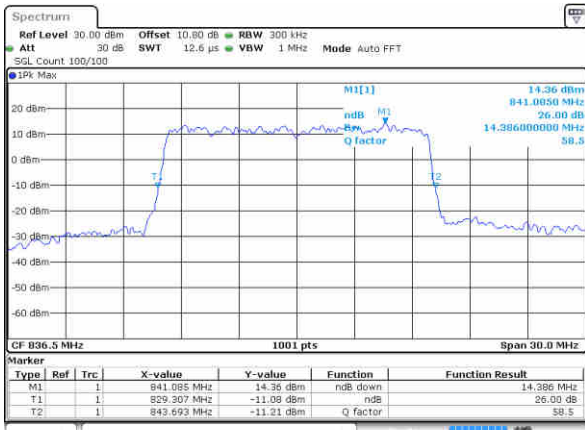
Lowest Channel / 15MHz / QPSK



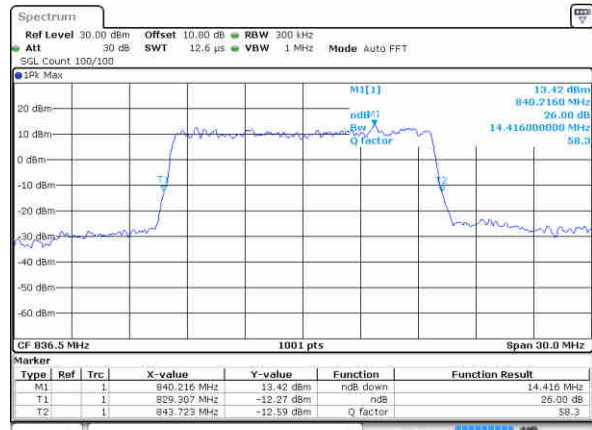
Lowest Channel / 15MHz / 16QAM



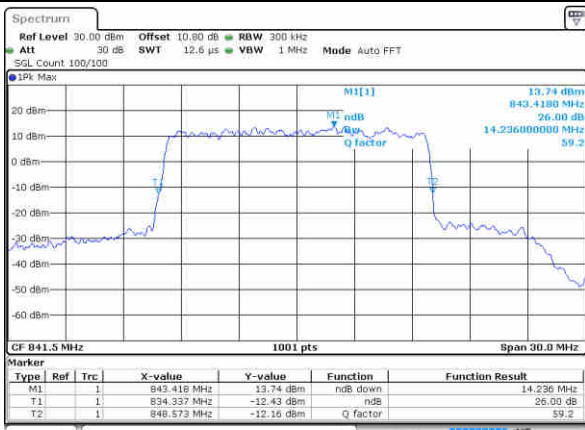
Middle Channel / 15MHz / QPSK



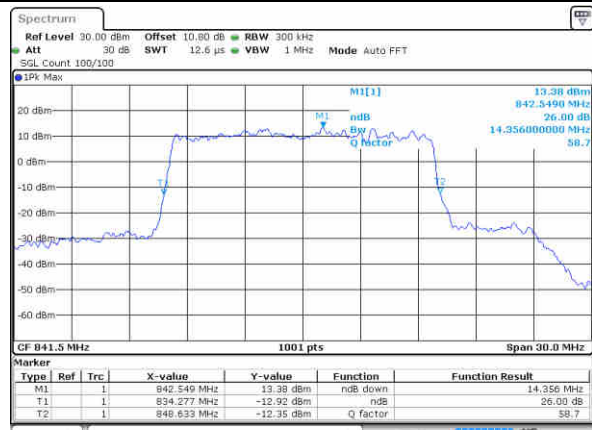
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



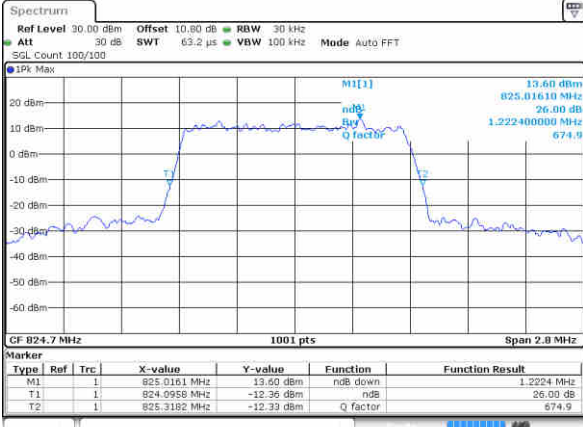
Highest Channel / 15MHz / 16QAM





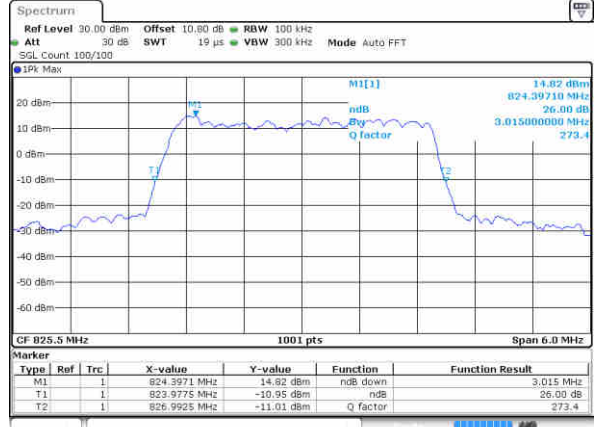
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



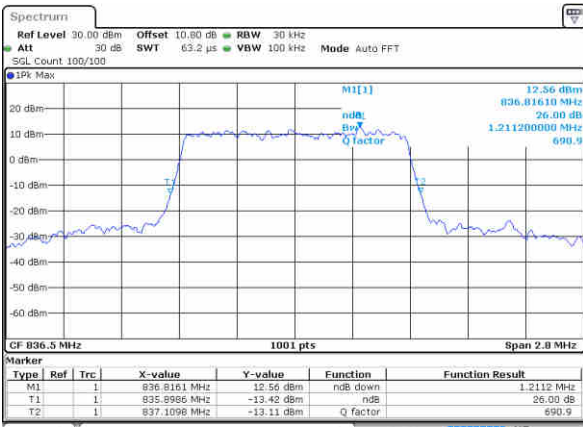
Date: 2.OCT.2017 14:55:29

Lowest Channel / 3MHz / 64QAM



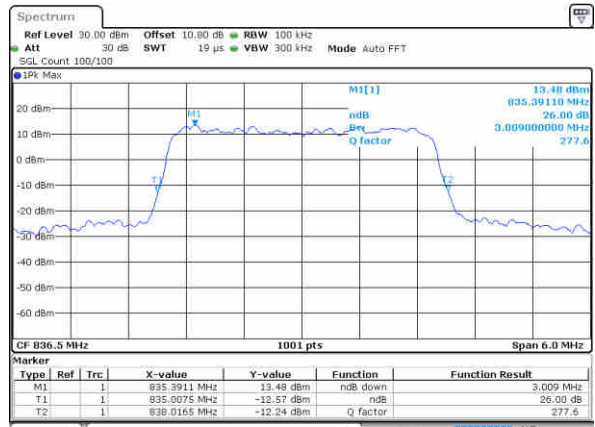
Date: 2.OCT.2017 11:22:22

Middle Channel / 1.4MHz / 64QAM



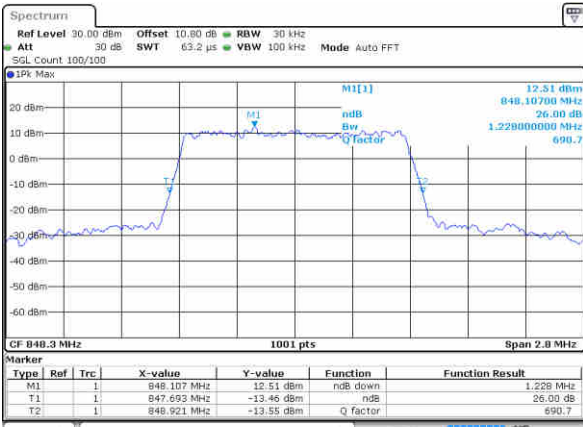
Date: 2.OCT.2017 11:15:54

Middle Channel / 3MHz / 64QAM



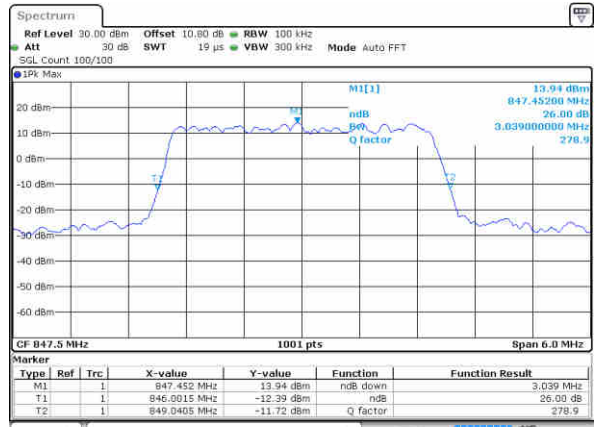
Date: 2.OCT.2017 11:25:53

Highest Channel / 1.4MHz / 64QAM



Date: 2.OCT.2017 11:17:07

Highest Channel / 3MHz / 64QAM

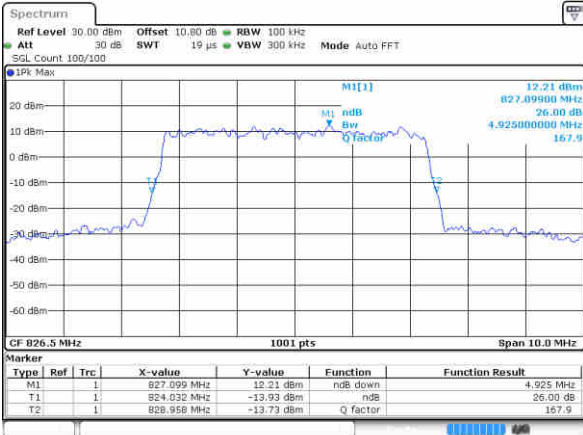


Date: 2.OCT.2017 11:27:07



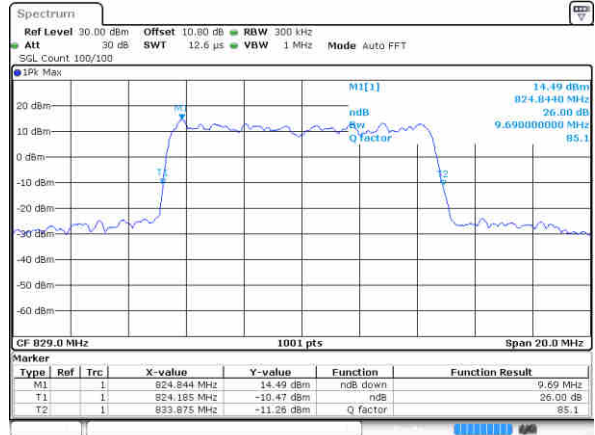
LTE Band 26

Lowest Channel / 5MHz / 64QAM



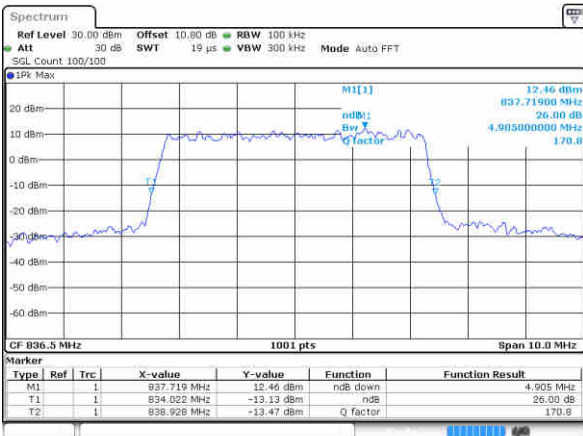
Date: 2.OCT.2017 11:30:38

Lowest Channel / 10MHz / 64QAM



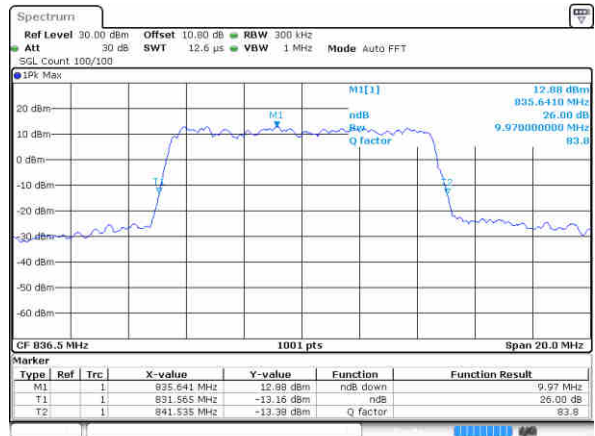
Date: 2.OCT.2017 11:38:54

Middle Channel / 5MHz / 64QAM



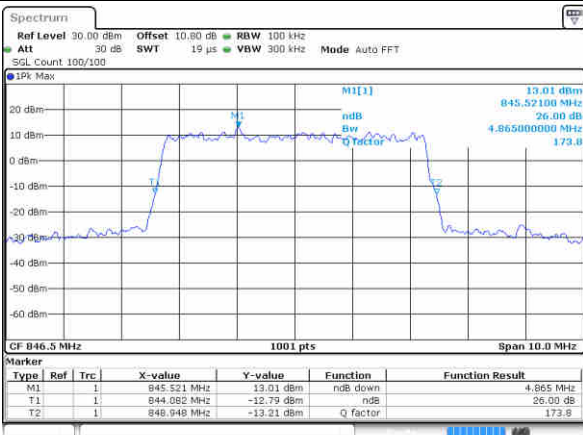
Date: 2.OCT.2017 11:34:09

Middle Channel / 10MHz / 64QAM



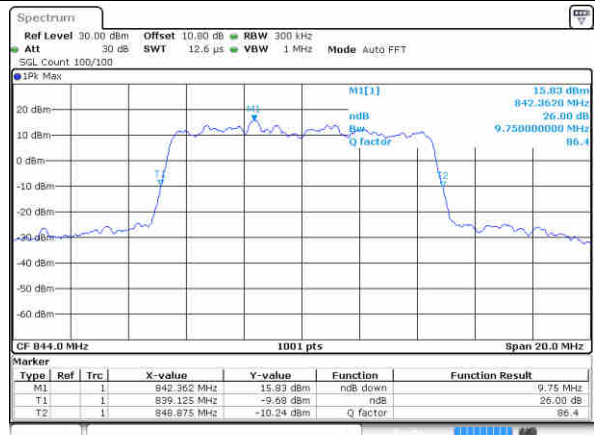
Date: 2.OCT.2017 11:42:25

Highest Channel / 5MHz / 64QAM



Date: 2.OCT.2017 11:35:23

Highest Channel / 10MHz / 64QAM

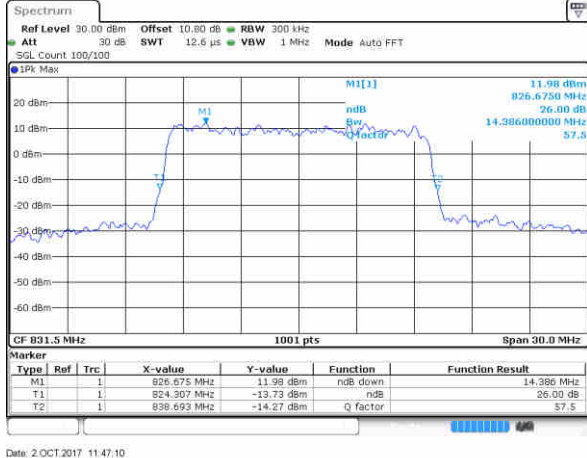


Date: 2.OCT.2017 11:43:39

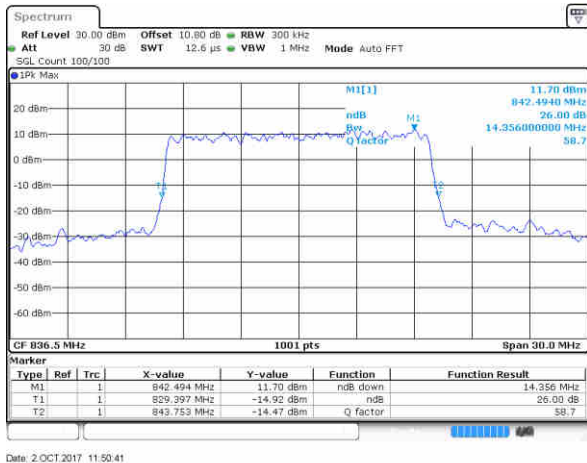


LTE Band 26

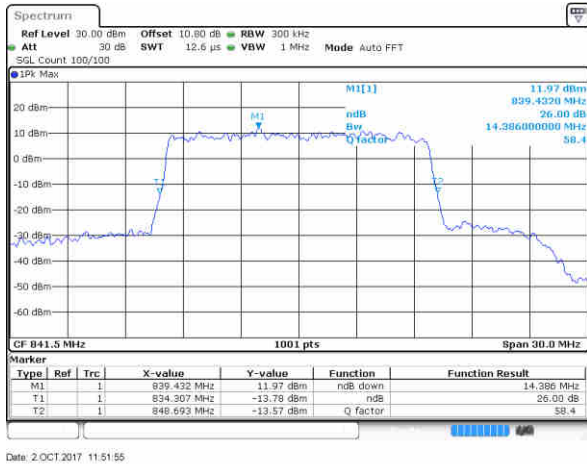
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Highest Channel / 15MHz / 64QAM





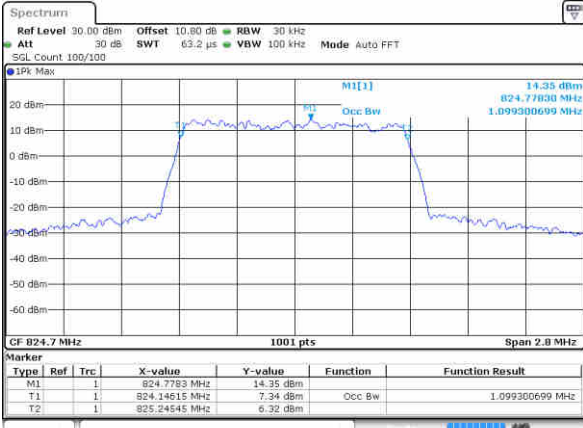
Occupied Bandwidth

| Mode | LTE Band 26 : 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 | 1.1 | 1.08 | 2.72 | 2.73 | 4.49 | 4.47 | 9.07 | 9.05 | 13.46 | 13.52 | - | - |
| Middle CH | 1.09 | 1.09 | 2.71 | 2.72 | 4.49 | 4.49 | 9.05 | 8.99 | 13.4 | 13.4 | - | - |
| Highest CH | 1.09 | 1.09 | 2.72 | 2.73 | 4.5 | 4.49 | 9.01 | 9.01 | 13.37 | 13.43 | - | - |
| Mode | LTE Band 26 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.09 | - | 2.71 | - | 4.5 | - | 9.05 | - | 13.52 | - | - | - |
| Middle CH | 1.1 | - | 2.72 | - | 4.49 | - | 9.03 | - | 13.43 | - | - | - |
| Highest CH | 1.09 | - | 2.7 | - | 4.51 | - | 9.03 | - | 13.46 | - | - | - |

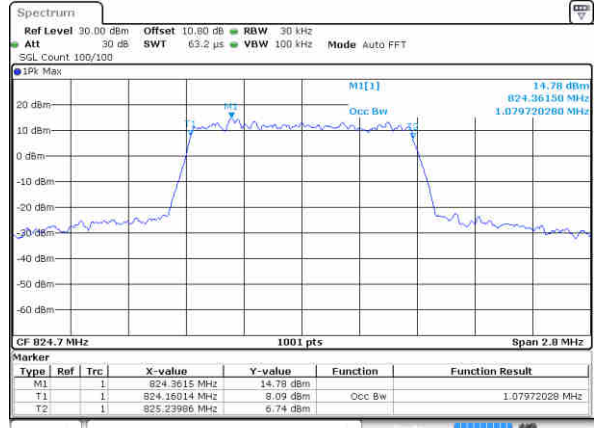


LTE Band 26

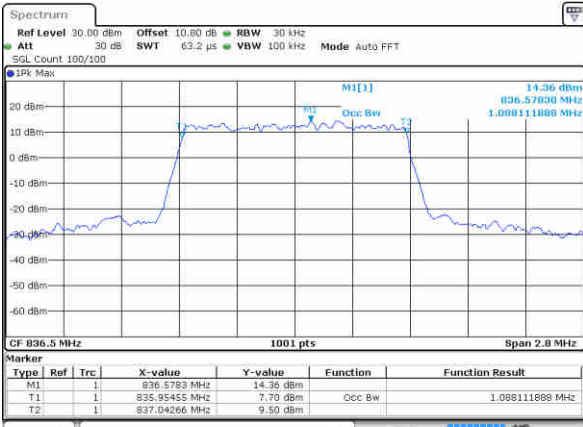
Lowest Channel / 1.4MHz / QPSK



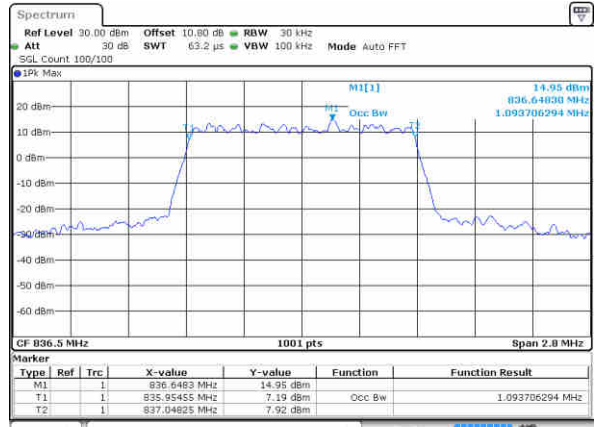
Lowest Channel / 1.4MHz / 16QAM



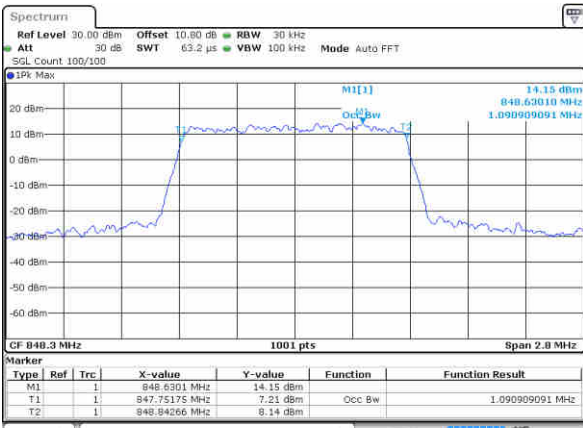
Middle Channel / 1.4MHz / QPSK



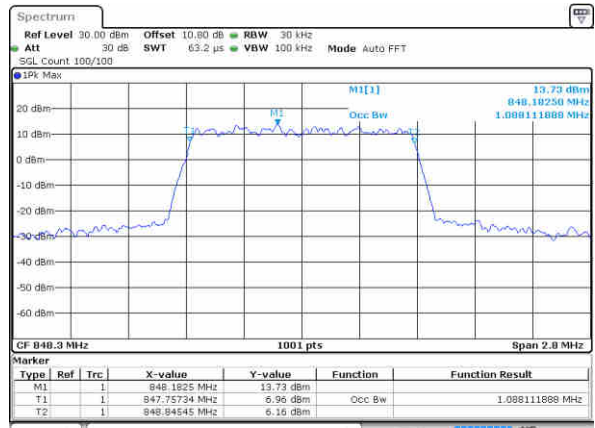
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



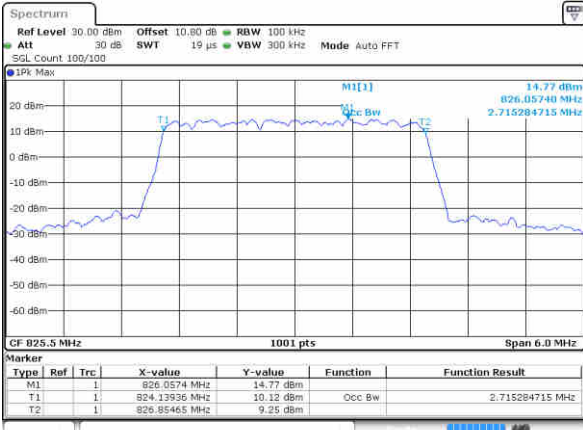
Highest Channel / 1.4MHz / 16QAM





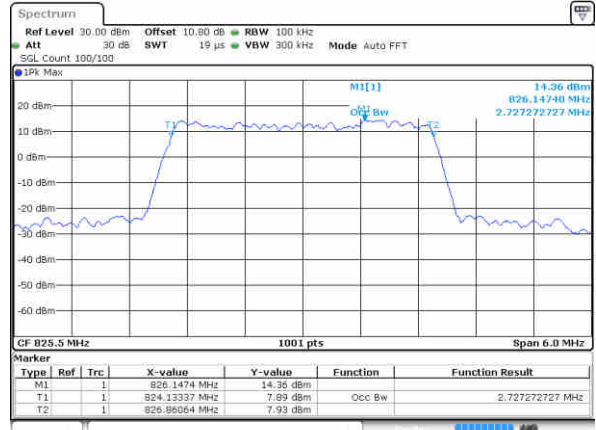
LTE Band 26

Lowest Channel / 3MHz / QPSK



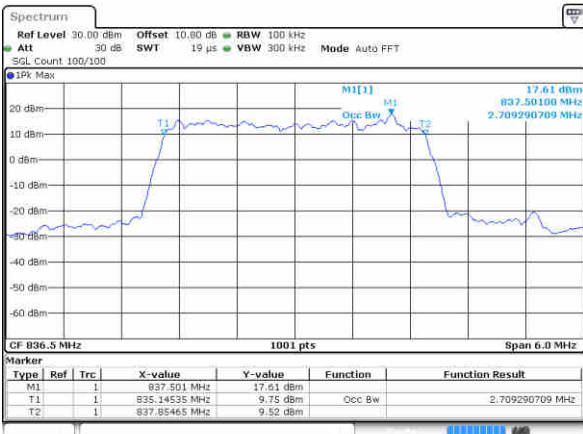
Date: 2.OCT.2017 09:34:50

Lowest Channel / 3MHz / 16QAM



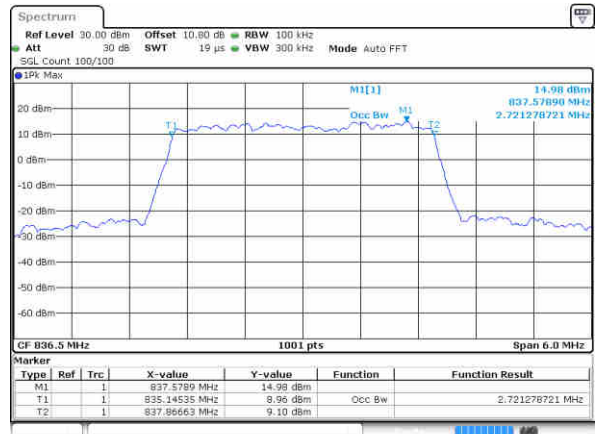
Date: 2.OCT.2017 09:35:00

Middle Channel / 3MHz / QPSK



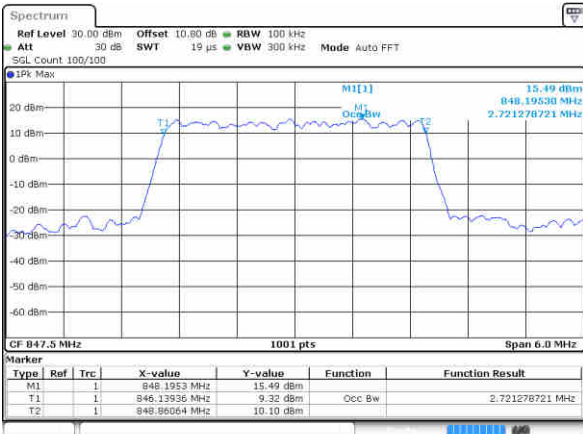
Date: 2.OCT.2017 09:41:52

Middle Channel / 3MHz / 16QAM



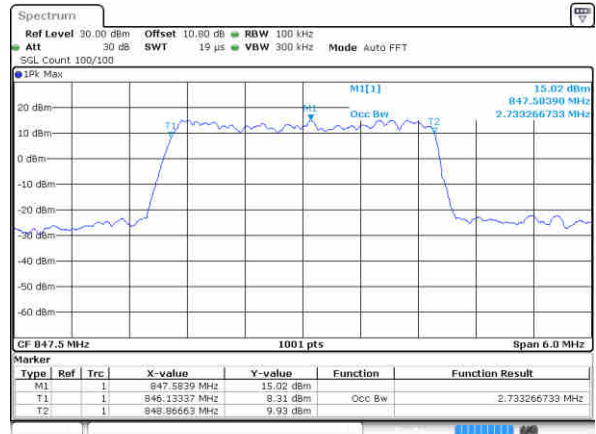
Date: 2.OCT.2017 09:42:02

Highest Channel / 3MHz / QPSK



Date: 2.OCT.2017 09:44:20

Highest Channel / 3MHz / 16QAM

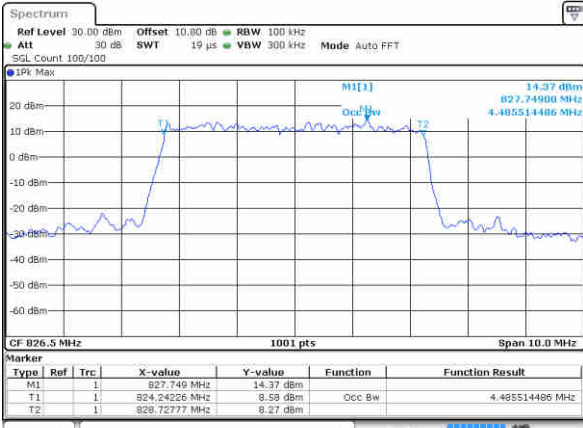


Date: 2.OCT.2017 09:44:30



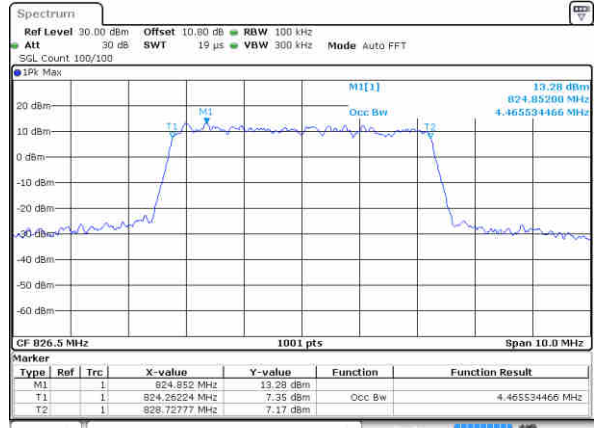
LTE Band 26

Lowest Channel / 5MHz / QPSK



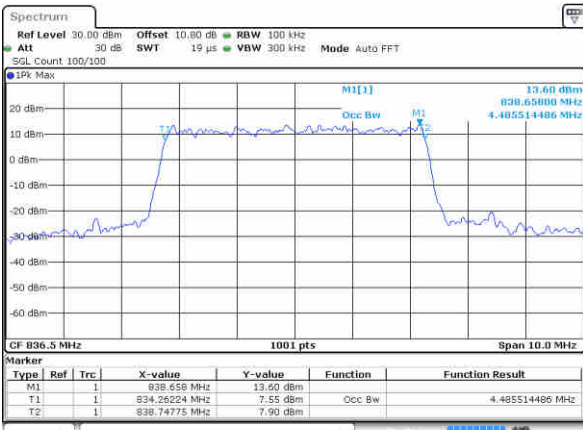
Date: 2.OCT.2017 09:51:22

Lowest Channel / 5MHz / 16QAM



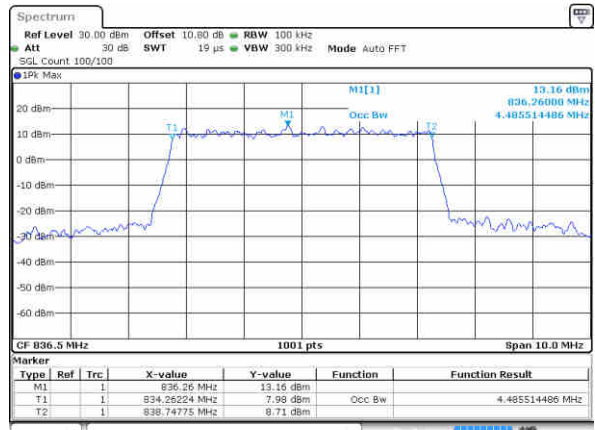
Date: 2.OCT.2017 09:51:32

Middle Channel / 5MHz / QPSK



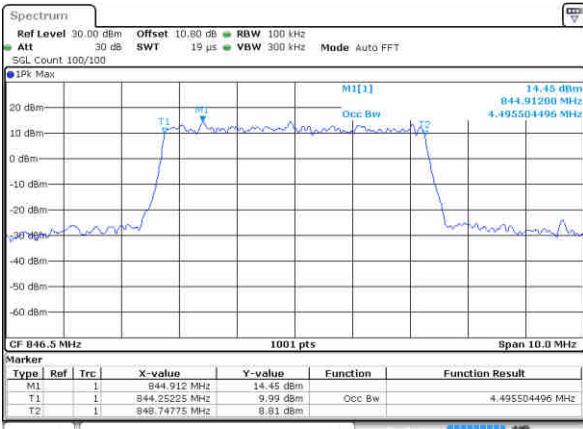
Date: 2.OCT.2017 09:58:25

Middle Channel / 5MHz / 16QAM



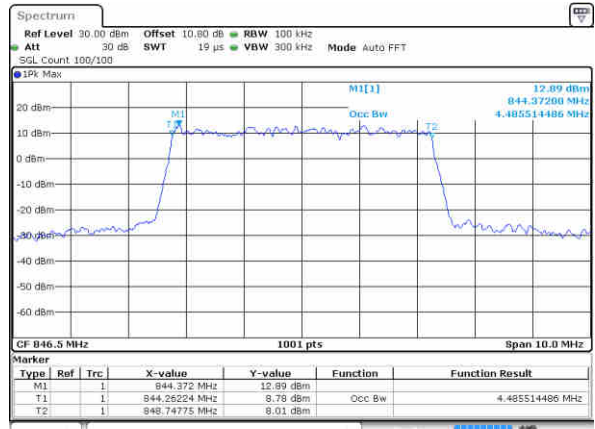
Date: 2.OCT.2017 09:58:35

Highest Channel / 5MHz / QPSK



Date: 2.OCT.2017 10:00:53

Highest Channel / 5MHz / 16QAM

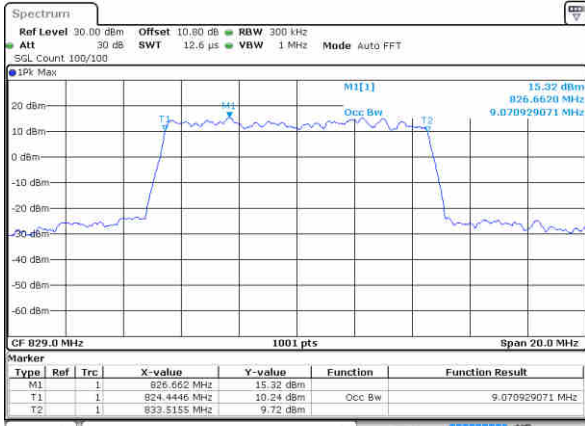


Date: 2.OCT.2017 10:01:03



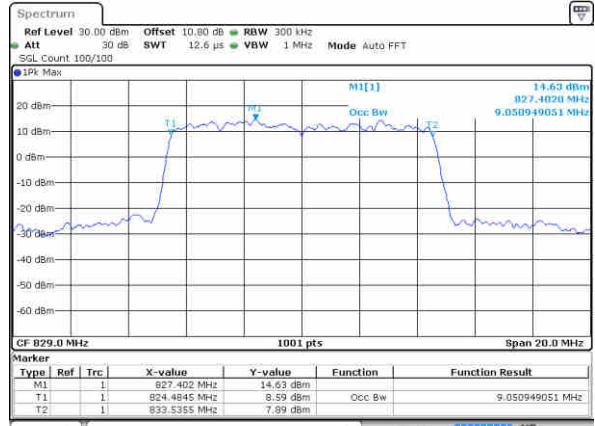
LTE Band 26

Lowest Channel / 10MHz / QPSK



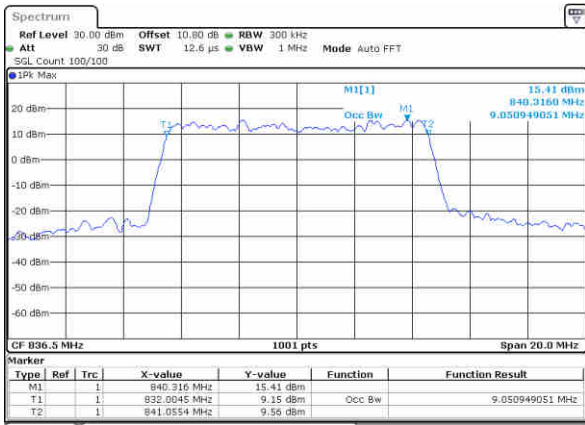
Date: 2.OCT.2017 10:07:55

Lowest Channel / 10MHz / 16QAM



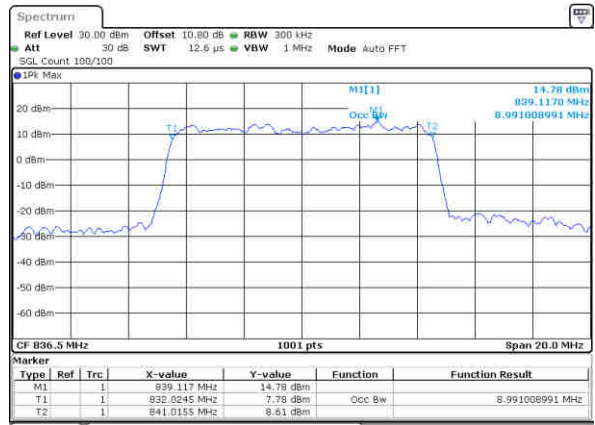
Date: 2.OCT.2017 10:08:05

Middle Channel / 10MHz / QPSK



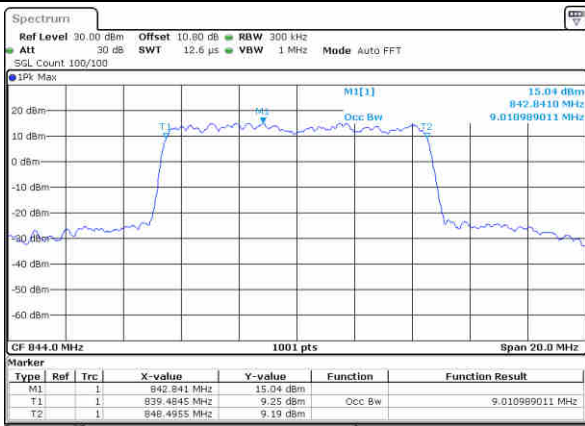
Date: 2.OCT.2017 10:14:57

Middle Channel / 10MHz / 16QAM



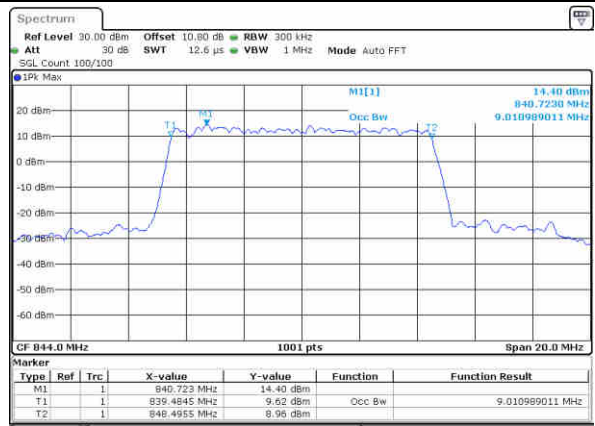
Date: 2.OCT.2017 10:15:07

Highest Channel / 10MHz / QPSK



Date: 2.OCT.2017 10:17:25

Highest Channel / 10MHz / 16QAM

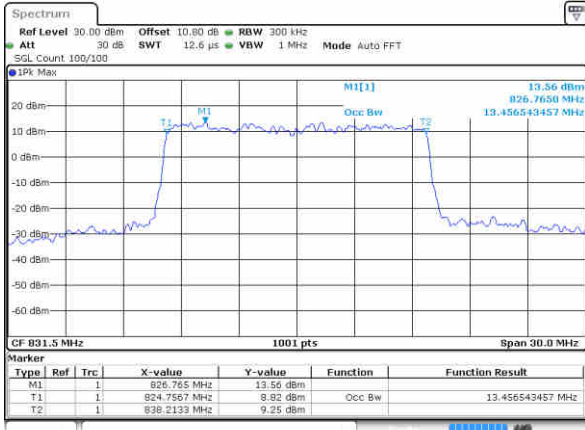


Date: 2.OCT.2017 10:17:35



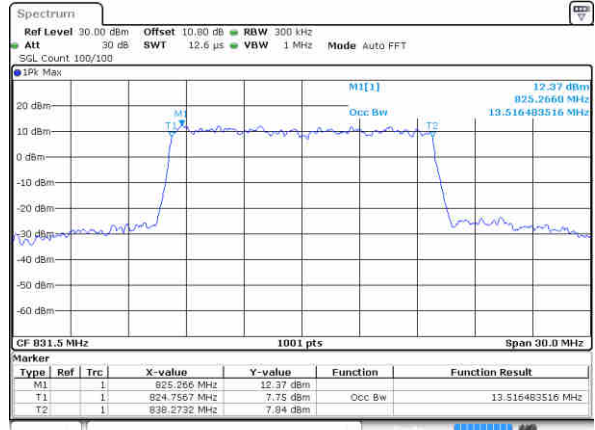
LTE Band 26

Lowest Channel / 15MHz / QPSK



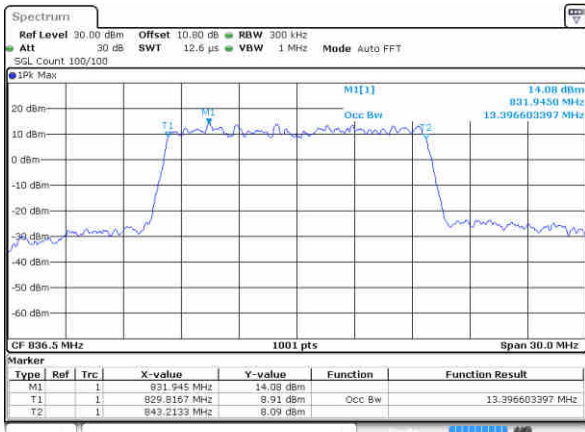
Date: 2.OCT.2017 10:24:27

Lowest Channel / 15MHz / 16QAM



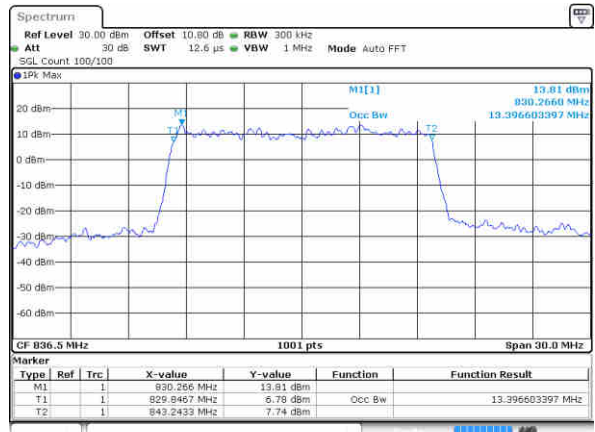
Date: 2.OCT.2017 10:24:37

Middle Channel / 15MHz / QPSK



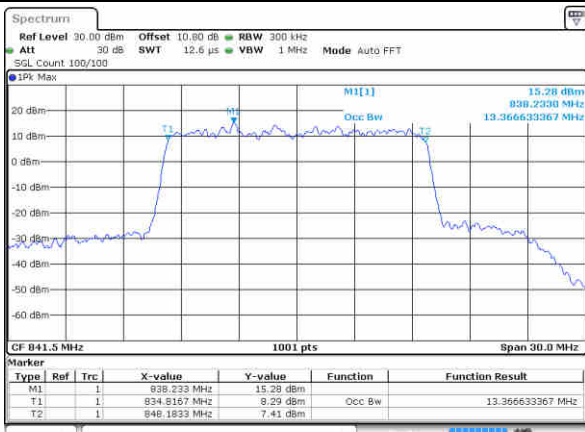
Date: 2.OCT.2017 10:31:29

Middle Channel / 15MHz / 16QAM



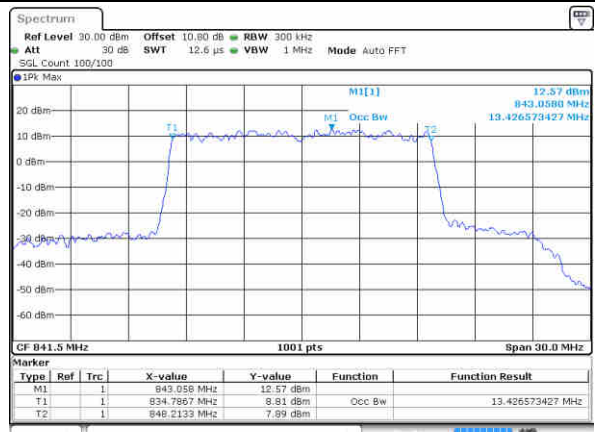
Date: 2.OCT.2017 10:31:39

Highest Channel / 15MHz / QPSK



Date: 2.OCT.2017 10:33:56

Highest Channel / 15MHz / 16QAM

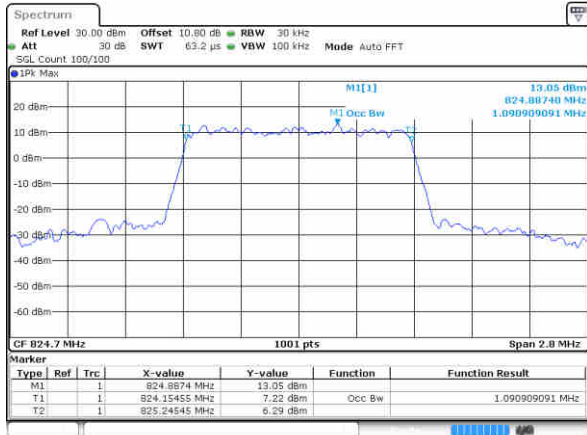


Date: 2.OCT.2017 10:34:06



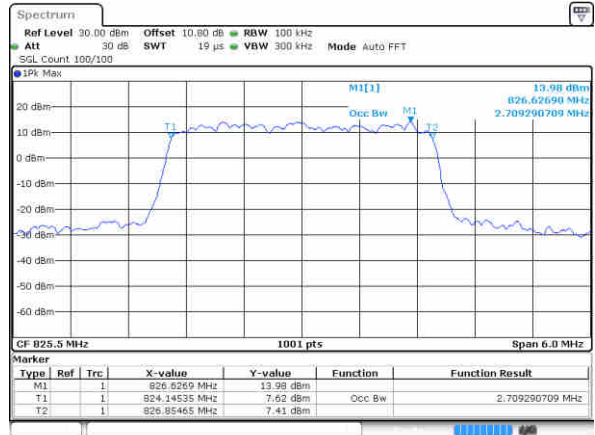
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



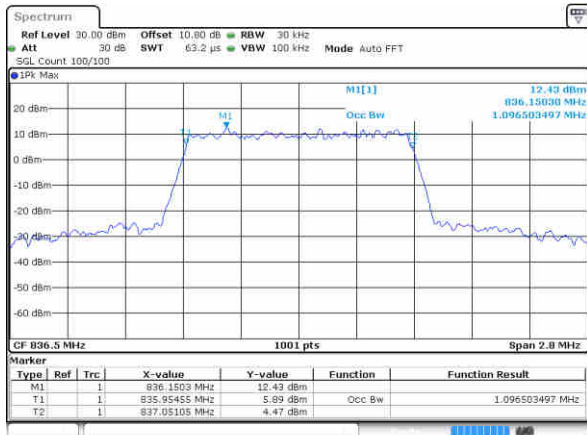
Date: 2.OCT.2017 14:56:03

Lowest Channel / 3MHz / 64QAM



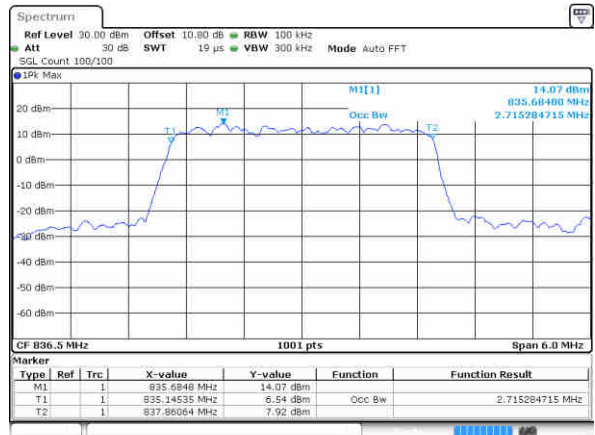
Date: 2.OCT.2017 11:22:12

Middle Channel / 1.4MHz / 64QAM



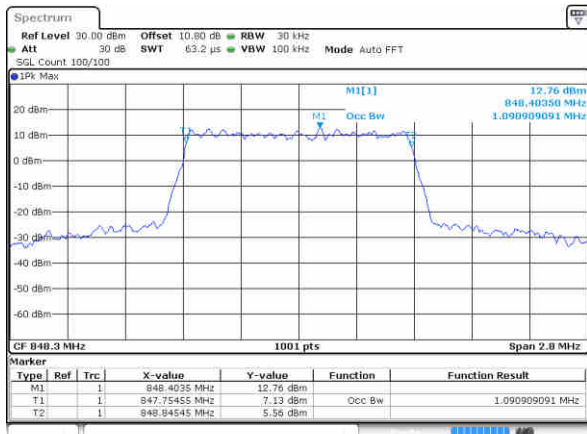
Date: 2.OCT.2017 11:15:44

Middle Channel / 3MHz / 64QAM



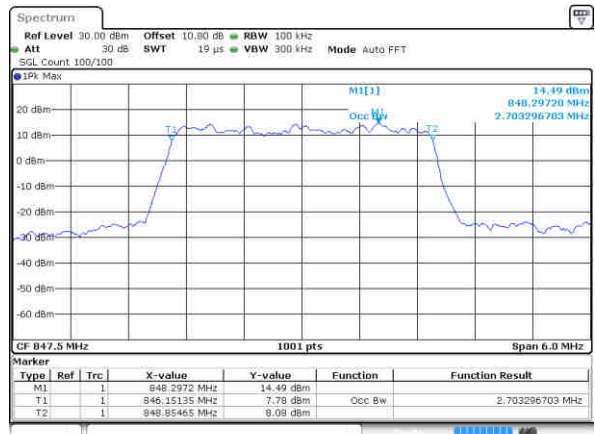
Date: 2.OCT.2017 11:25:43

Highest Channel / 1.4MHz / 64QAM



Date: 2.OCT.2017 11:16:57

Highest Channel / 3MHz / 64QAM

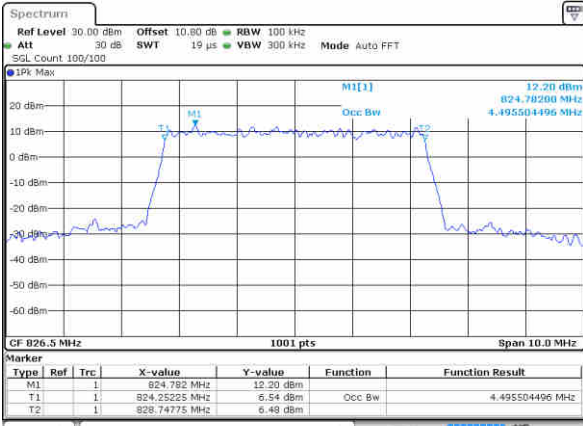


Date: 2.OCT.2017 11:26:57



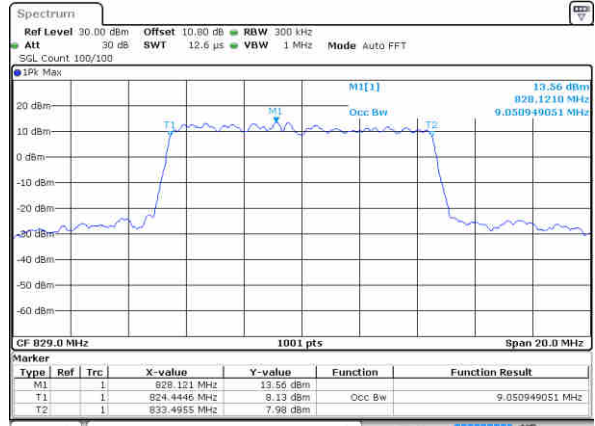
LTE Band 26

Lowest Channel / 5MHz / 64QAM



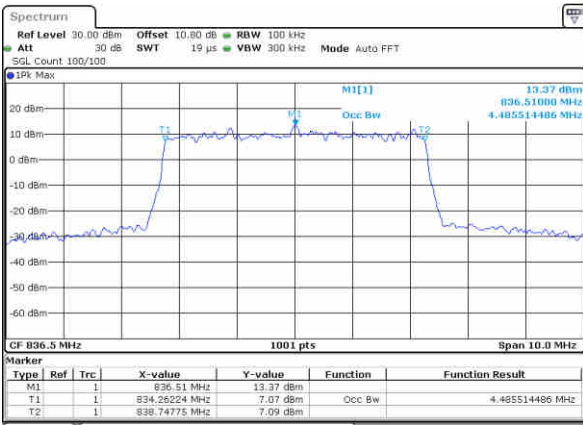
Date: 2.OCT.2017 11:30:28

Lowest Channel / 10MHz / 64QAM



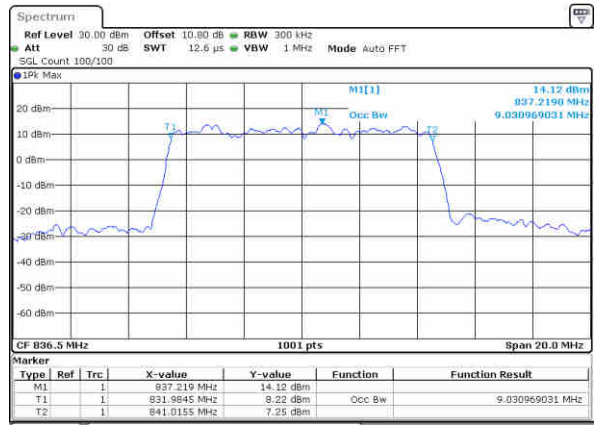
Date: 2.OCT.2017 11:38:44

Middle Channel / 5MHz / 64QAM



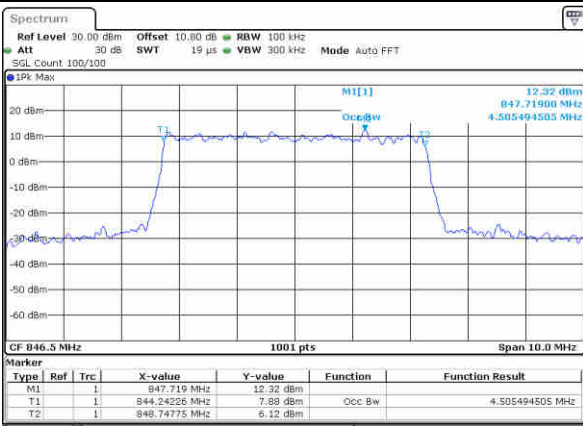
Date: 2.OCT.2017 11:33:59

Middle Channel / 10MHz / 64QAM



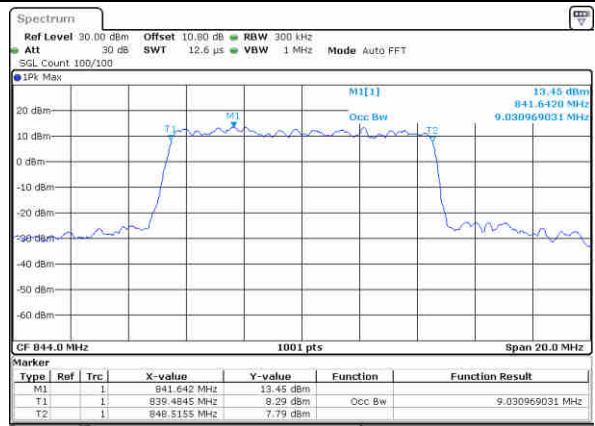
Date: 2.OCT.2017 11:42:15

Highest Channel / 5MHz / 64QAM



Date: 2.OCT.2017 11:35:13

Highest Channel / 10MHz / 64QAM

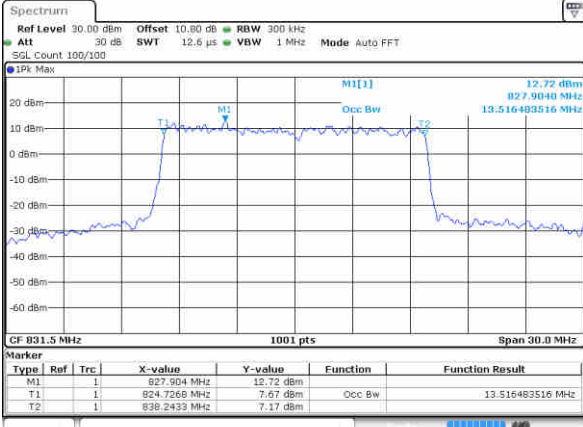


Date: 2.OCT.2017 11:43:29



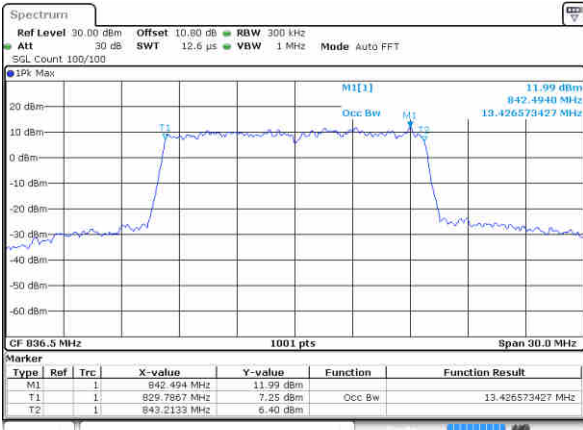
LTE Band 26

Lowest Channel / 15MHz / 64QAM



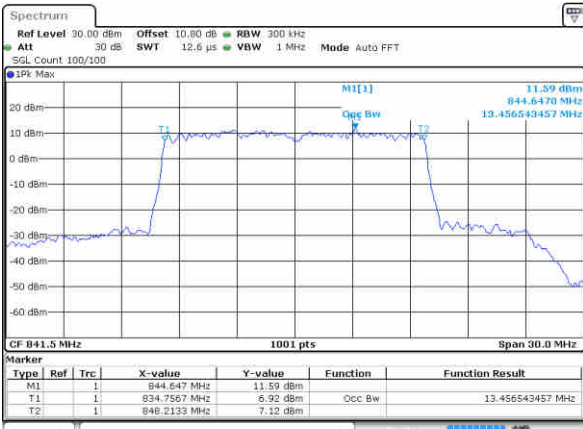
Date: 2.OCT.2017 11:47:00

Middle Channel / 15MHz / 64QAM



Date: 2.OCT.2017 11:50:31

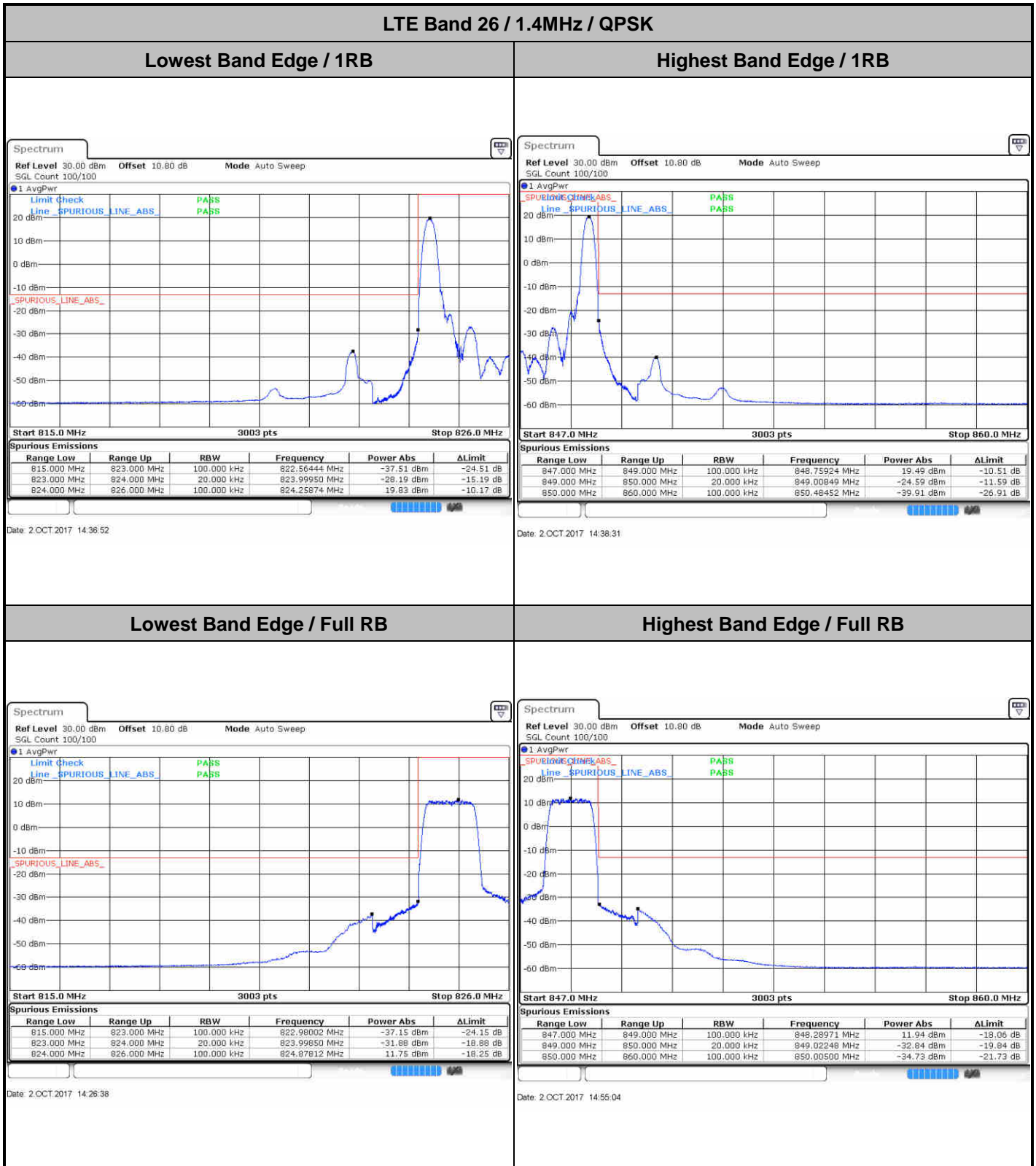
Highest Channel / 15MHz / 64QAM



Date: 2.OCT.2017 11:51:45



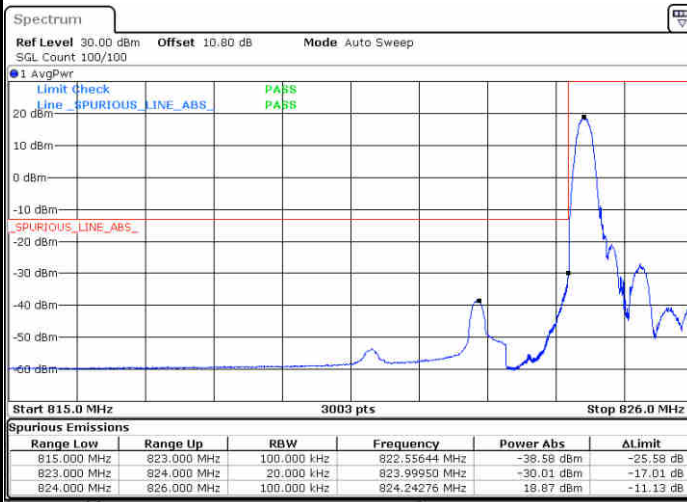
Conducted Band Edge





LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



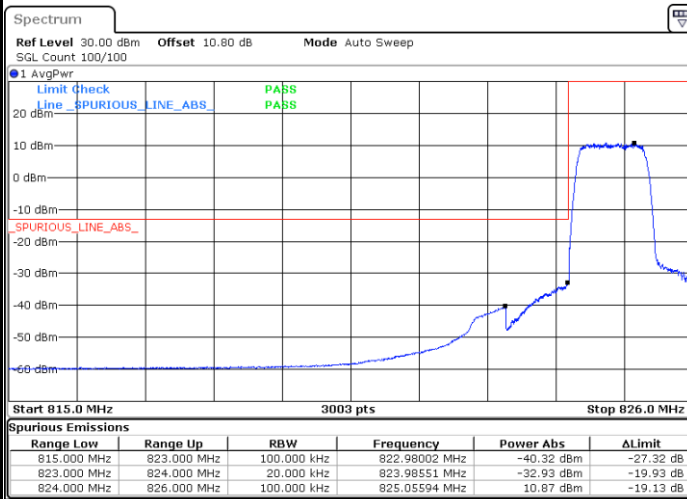
Date: 2.OCT.2017 14:34:18

Highest Band Edge / 1 RB



Date: 2.OCT.2017 14:40:02

Lowest Band Edge / Full RB



Date: 2.OCT.2017 14:28:02

Highest Band Edge / Full RB

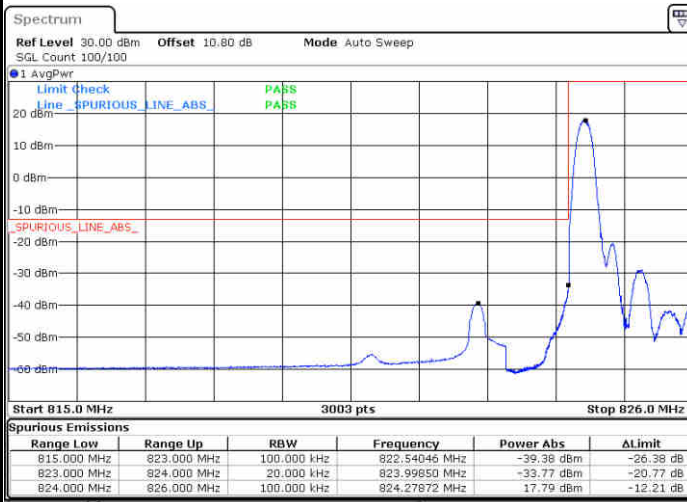


Date: 2.OCT.2017 14:52:57



LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



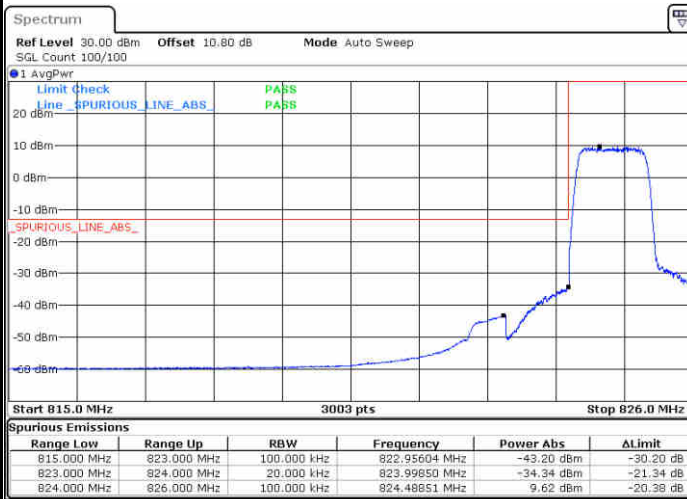
Date: 2.OCT.2017 14:32:16

Highest Band Edge / 1 RB



Date: 2.OCT.2017 14:45:32

Lowest Band Edge / Full RB



Date: 2.OCT.2017 14:29:39

Highest Band Edge / Full RB

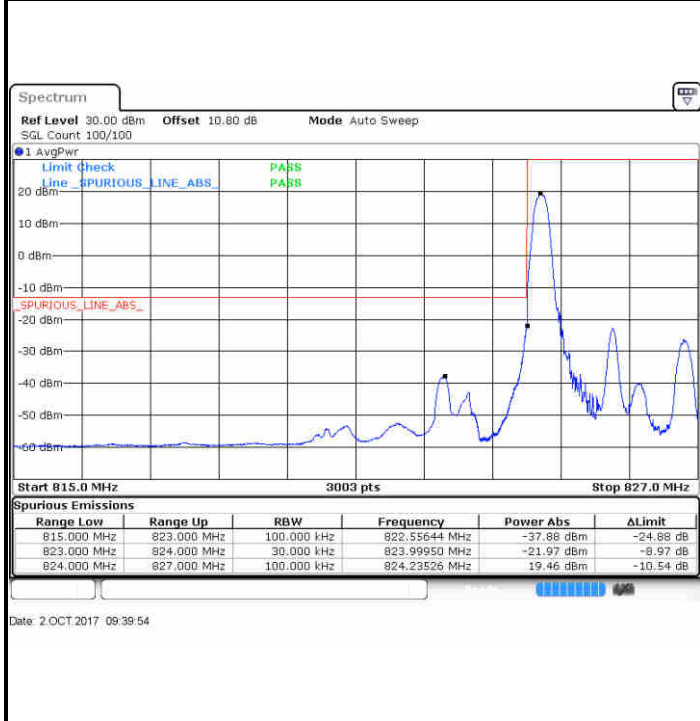


Date: 2.OCT.2017 14:50:33

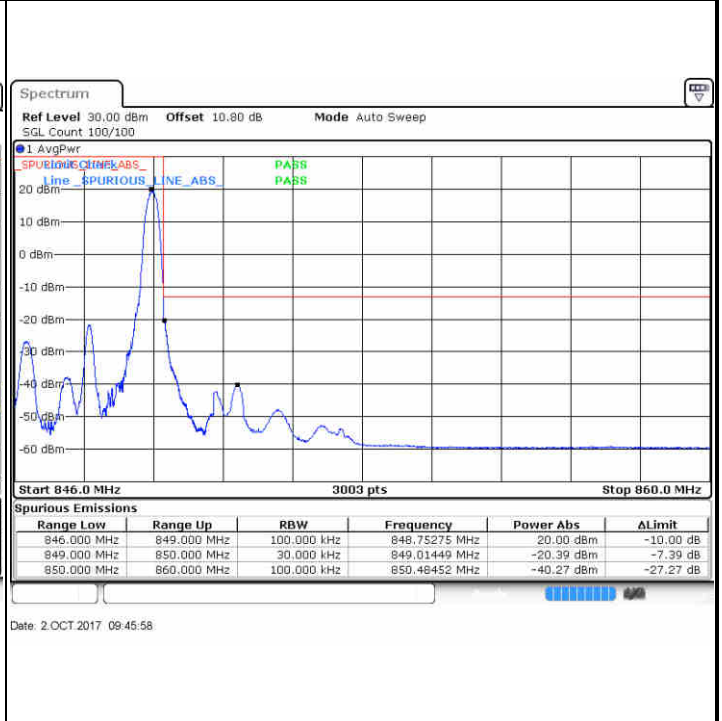


LTE Band 26 / 3MHz / QPSK

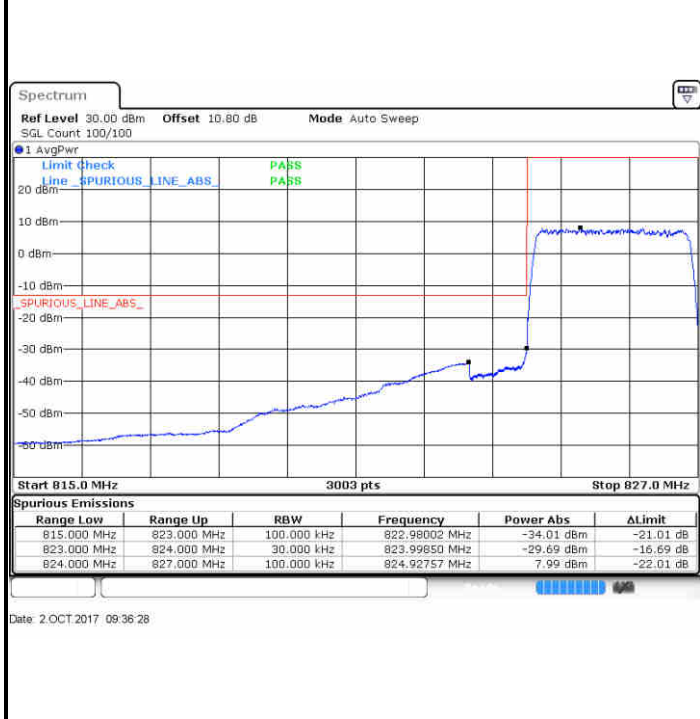
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

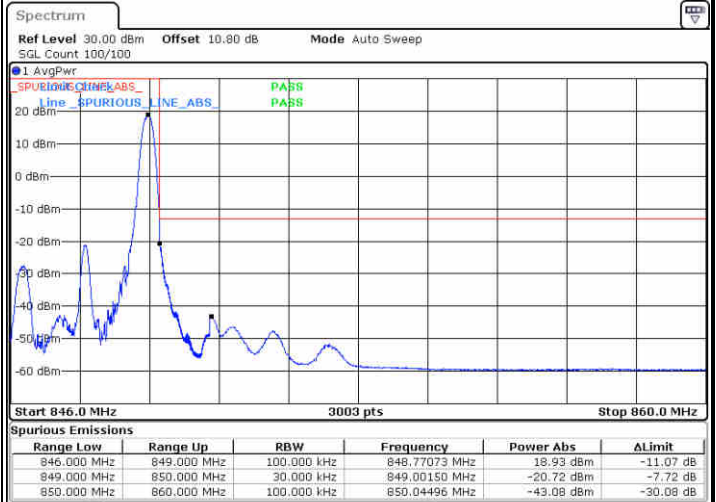
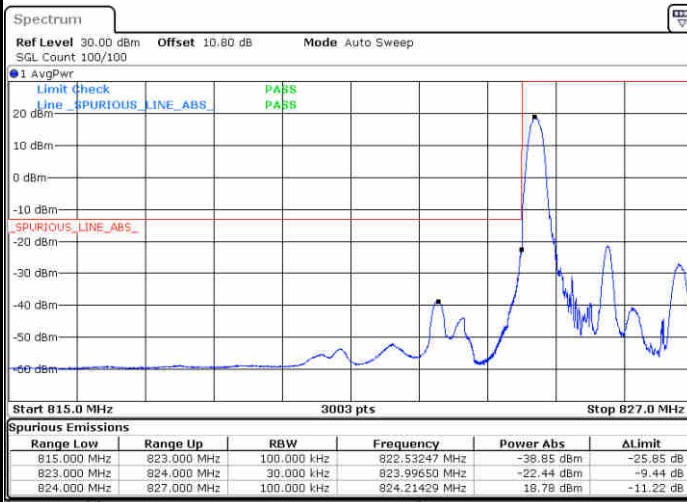




LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

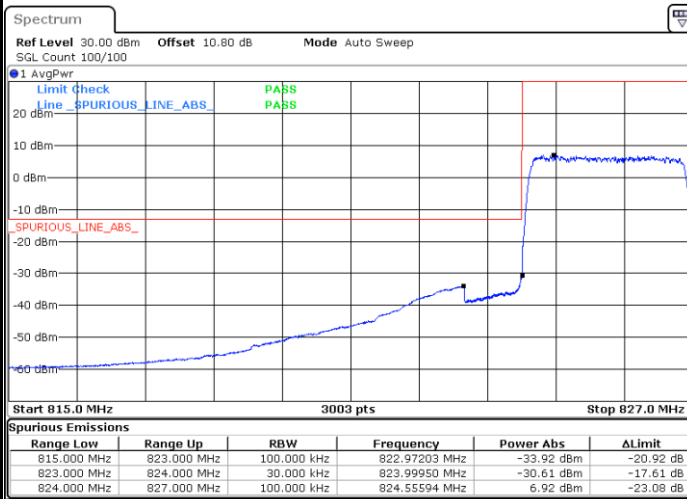


Date: 2.OCT.2017 09:38:46

Date: 2.OCT.2017 09:47:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.OCT.2017 09:37:37

Date: 2.OCT.2017 09:48:16