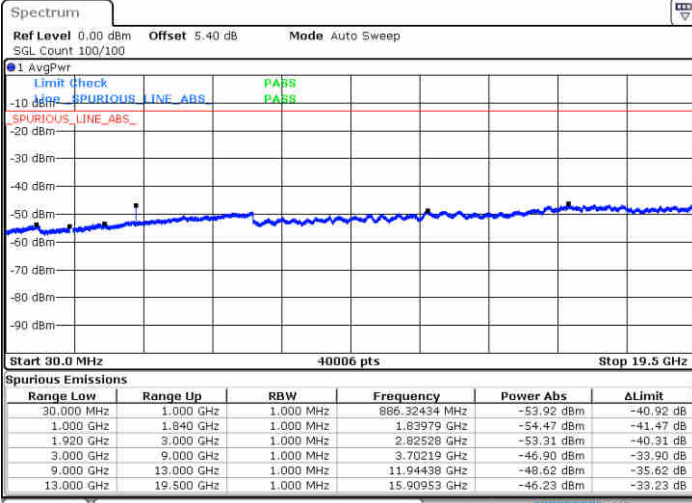




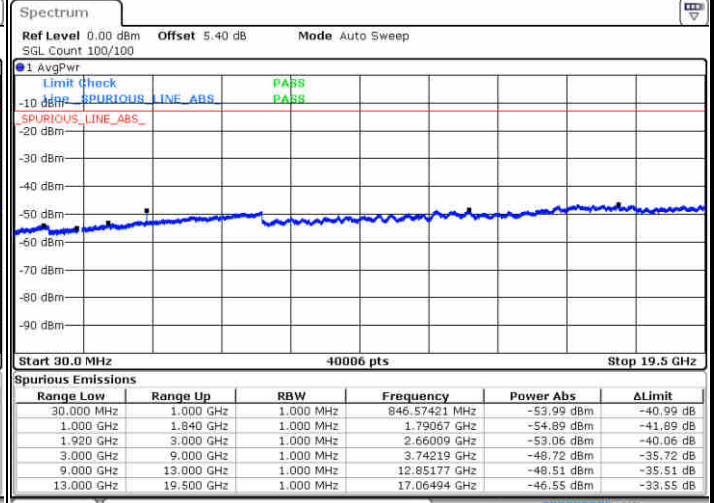
LTE Band 25 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

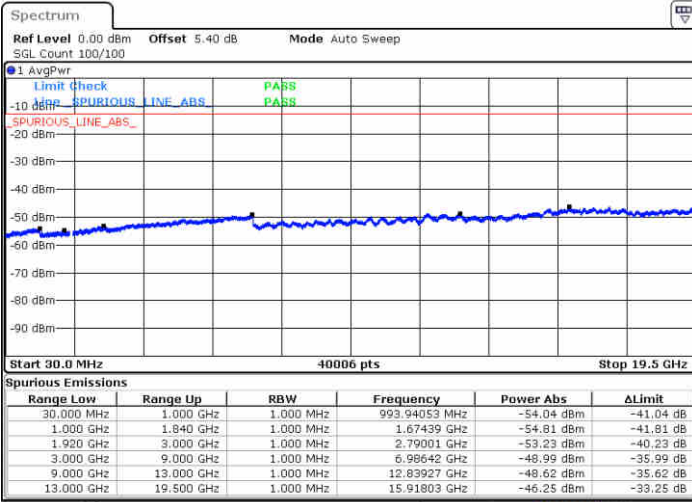


Date: 16 JAN 2020 15:00:16



Date: 16 JAN 2020 15:04:49

Highest Channel / 64QAM



Date: 16 JAN 2020 15:14:28



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 | 0.0040 | PASS |
| 40 | Normal Voltage | 0.0023 | |
| 30 | Normal Voltage | 0.0033 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0022 | |
| 0 | Normal Voltage | 0.0007 | |
| -10 | Normal Voltage | 0.0003 | |
| -20 | Normal Voltage | 0.0008 | |
| -30 | Normal Voltage | 0.0013 | |
| 20 | Maximum Voltage | 0.0001 | |
| 20 | Normal Voltage | 0.0020 | |
| 20 | Battery End Point | 0.0014 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.40 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 | 3.42 | 4.90 | 4.41 | 5.83 | PASS |
| Middle CH | 3.65 | 4.78 | 4.29 | 5.62 | |
| Highest CH | 3.51 | 4.90 | 4.35 | 5.77 | |
| Mode | LTE Band 26 / 15MHz | | | | |
| Mod. | 64QAM | | | | Limit: 13dB |
| RB Size | 1RB | Full RB | | | Result |
| Lowest CH | 4.84 | 6.03 | - | - | PASS |
| Middle CH | 5.04 | 5.77 | - | - | |
| Highest CH | 4.64 | 5.86 | - | - | |



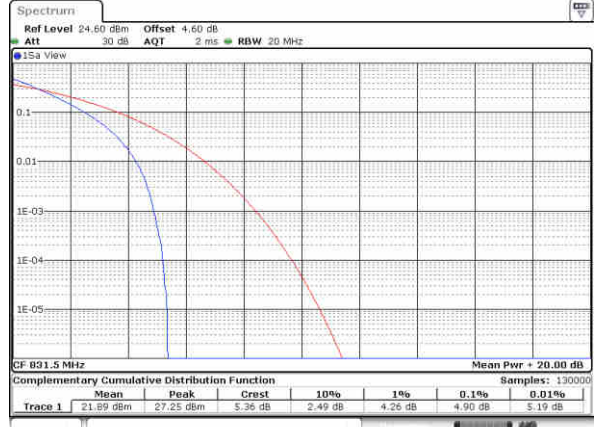
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



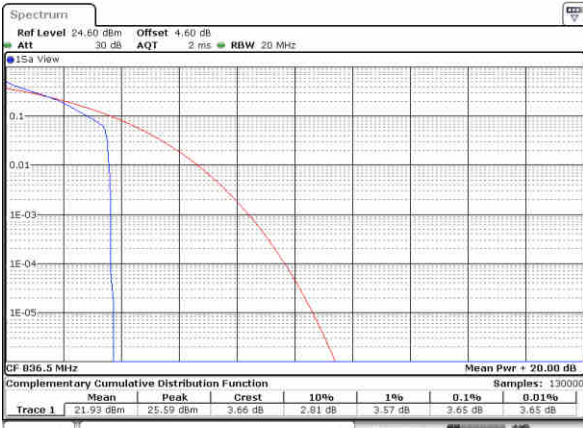
Date: 7 MAR 2020 14:51:47

Lowest Channel / Full RB



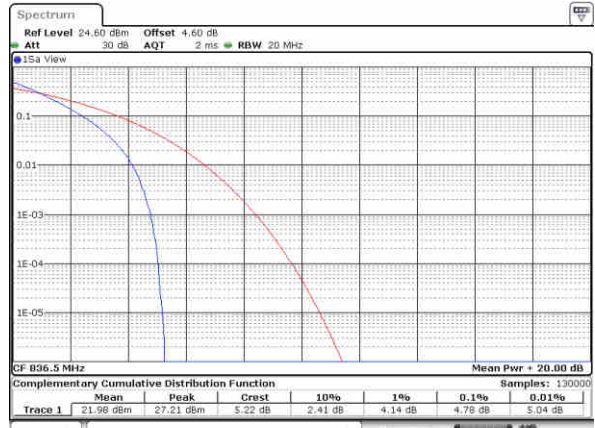
Date: 7 MAR 2020 14:53:11

Middle Channel / 1RB



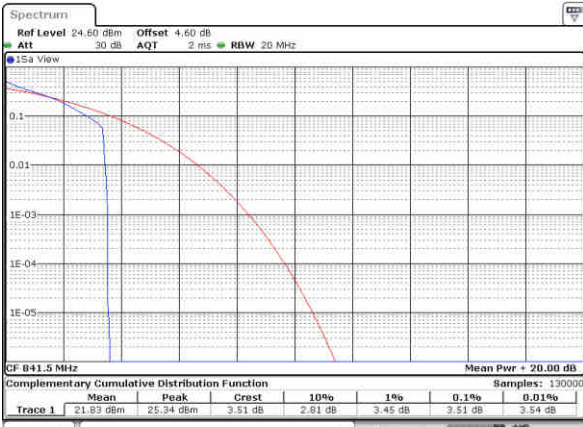
Date: 7 MAR 2020 14:52:34

Middle Channel / Full RB



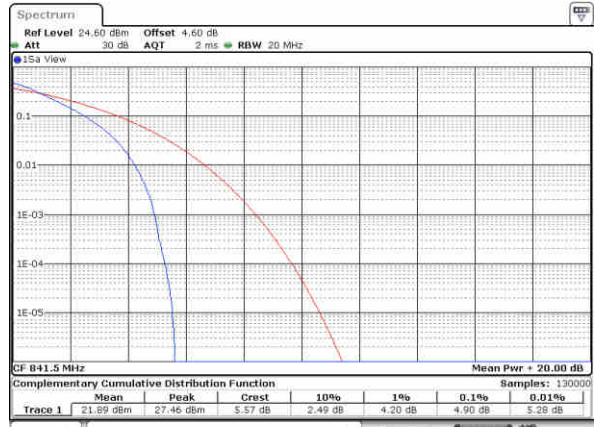
Date: 7 MAR 2020 14:53:57

Highest Channel / 1RB



Date: 7 MAR 2020 14:52:43

Highest Channel / Full RB

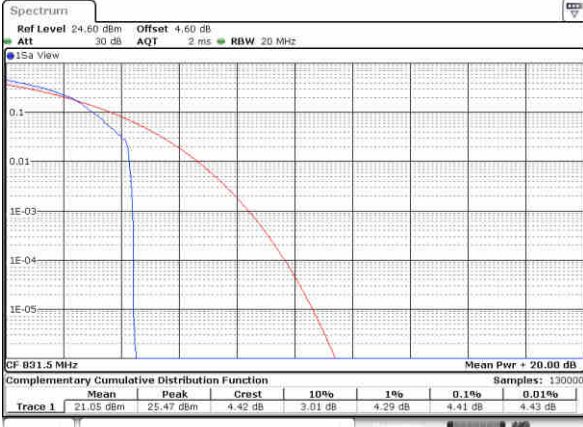


Date: 7 MAR 2020 14:54:07



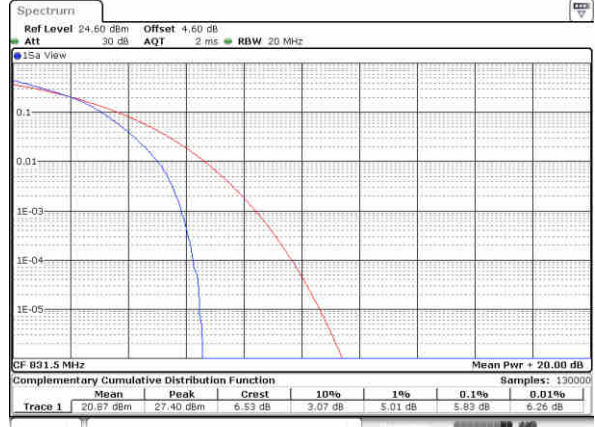
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



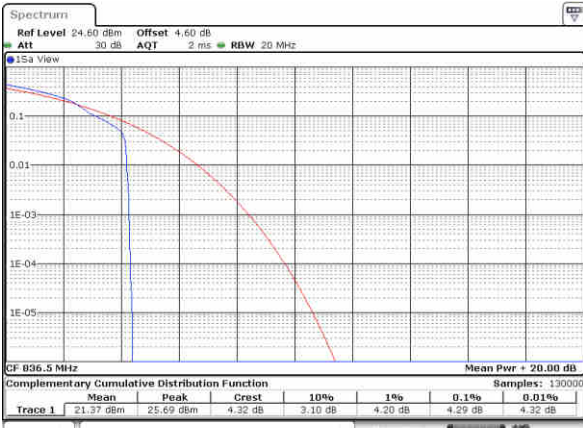
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Lowest Channel / Full RB



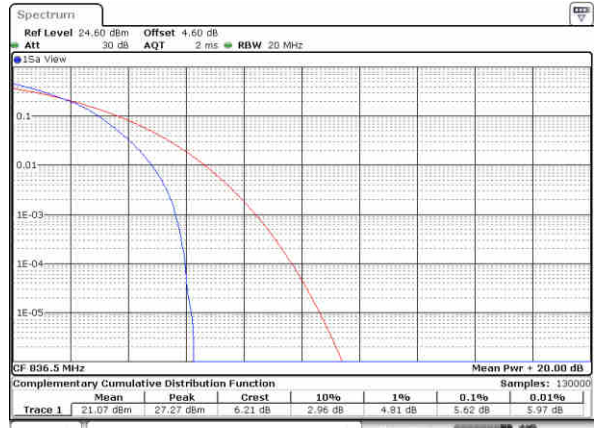
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Middle Channel / 1RB



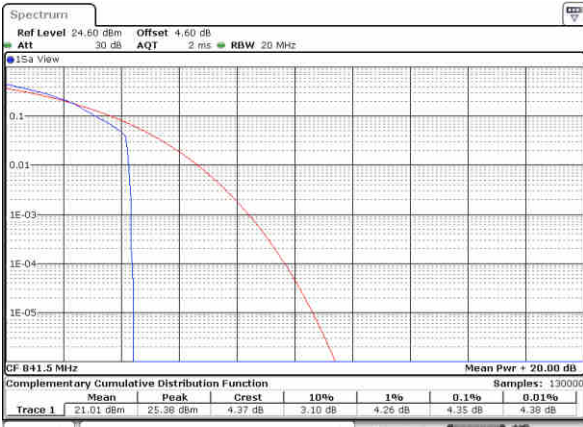
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Middle Channel / Full RB



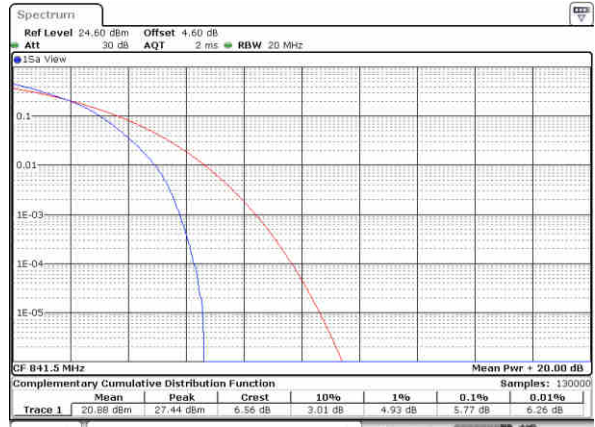
Date: 7 MAR 2020 14:53:48

Highest Channel / 1RB



Date: 7 MAR 2020 14:52:53

Highest Channel / Full RB



Date: 7 MAR 2020 14:54:16



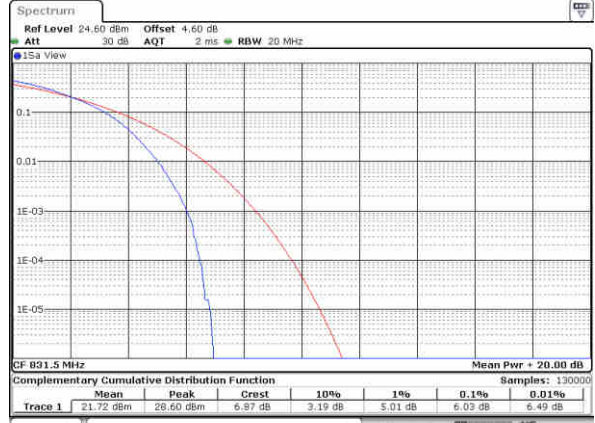
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



Date: 7 MAR 2020 14:52:06

Lowest Channel / Full RB



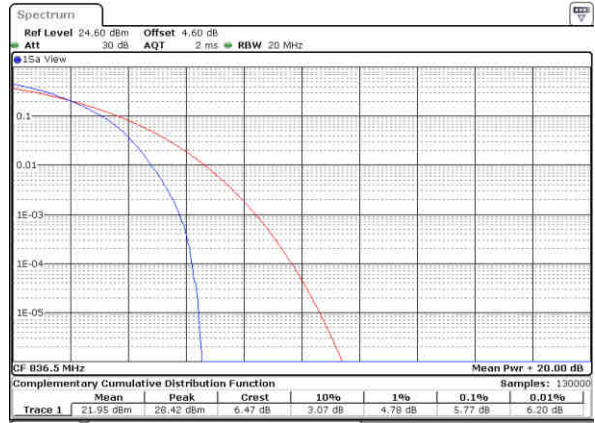
Date: 7 MAR 2020 14:53:30

Middle Channel / 1RB



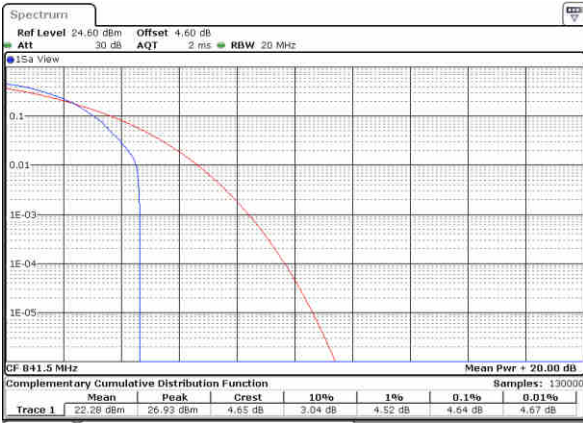
Date: 7 MAR 2020 14:52:15

Middle Channel / Full RB



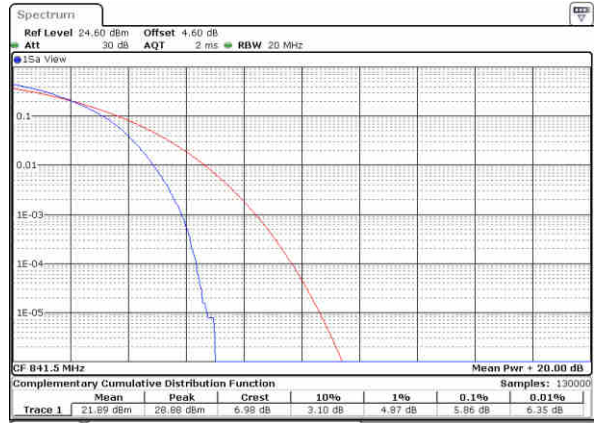
Date: 7 MAR 2020 14:53:39

Highest Channel / 1RB



Date: 7 MAR 2020 14:53:02

Highest Channel / Full RB



Date: 7 MAR 2020 14:54:27



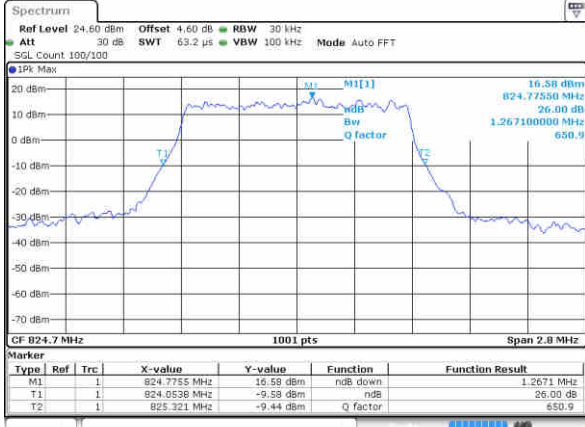
26dB Bandwidth

| Mode | LTE Band 26 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | CH26765 | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.27 | 1.28 | 3.00 | 3.00 | 4.97 | 4.93 | 9.89 | 9.93 | 14.36 | 14.39 | 14.42 | 14.27 |
| Middle CH | 1.28 | 1.24 | 3.02 | 2.97 | 4.85 | 4.91 | 9.73 | 9.93 | 14.27 | 14.57 | - | - |
| Highest CH | 1.28 | 1.30 | 2.98 | 2.99 | 4.99 | 4.94 | 9.69 | 9.79 | 14.48 | 14.36 | - | - |
| Mode | LTE Band 26 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | CH26765 | |
| Mod. | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - |
| Lowest CH | 1.28 | - | 2.97 | - | 4.91 | - | 10.09 | - | 14.60 | - | 14.27 | - |
| Middle CH | 1.31 | - | 2.99 | - | 4.84 | - | 9.95 | - | 14.24 | - | - | - |
| Highest CH | 1.29 | - | 3.03 | - | 4.90 | - | 9.87 | - | 14.60 | - | - | - |



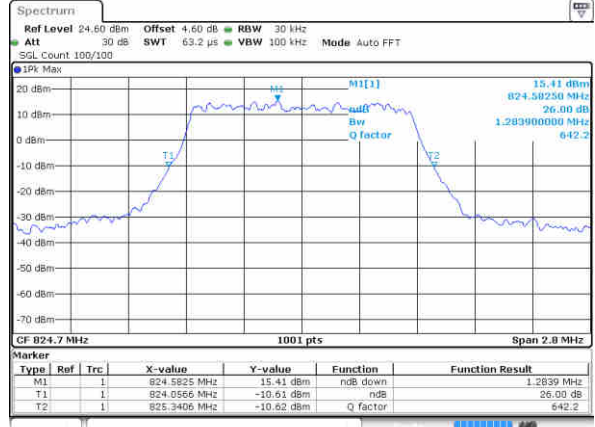
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



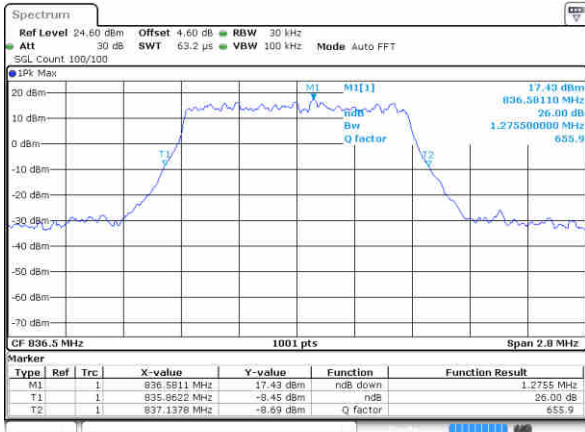
Date: 7 MAR 2020 13:53:12

Lowest Channel / 1.4MHz / 16QAM



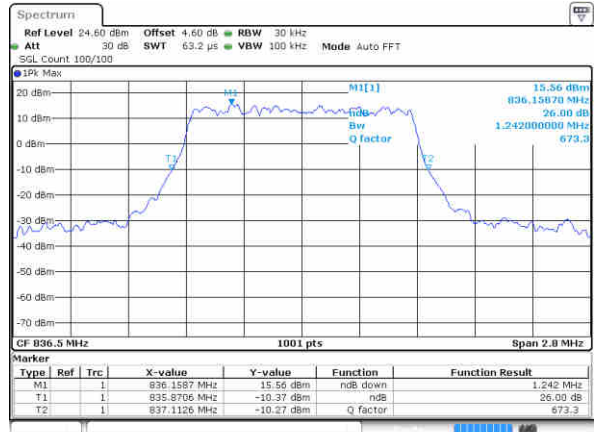
Date: 7 MAR 2020 13:53:32

Middle Channel / 1.4MHz / QPSK



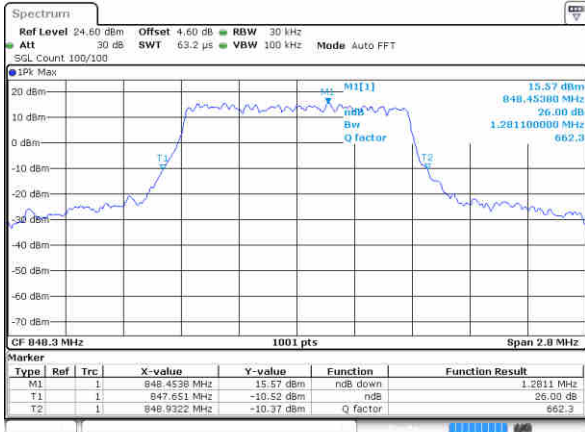
Date: 7 MAR 2020 14:03:01

Middle Channel / 1.4MHz / 16QAM



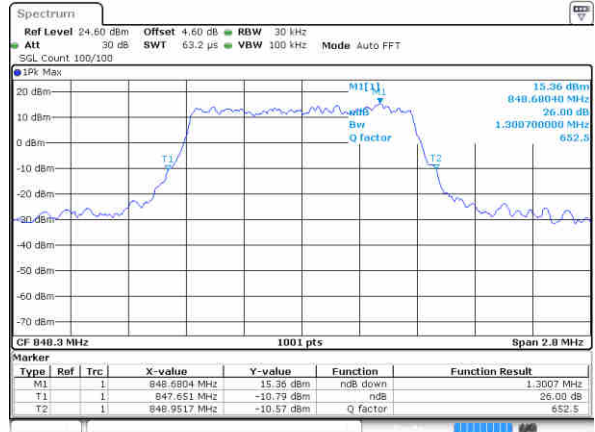
Date: 7 MAR 2020 14:02:41

Highest Channel / 1.4MHz / QPSK



Date: 7 MAR 2020 14:03:21

Highest Channel / 1.4MHz / 16QAM

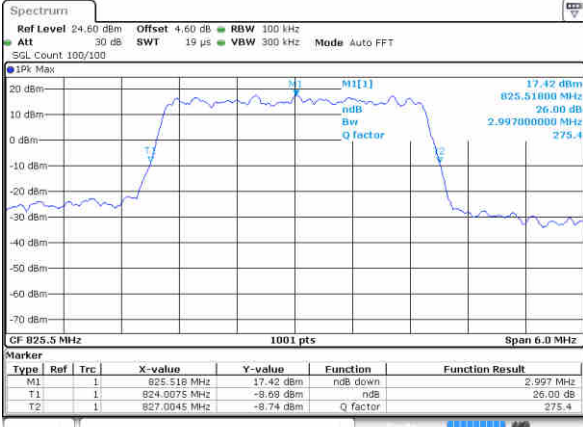


Date: 7 MAR 2020 14:03:41



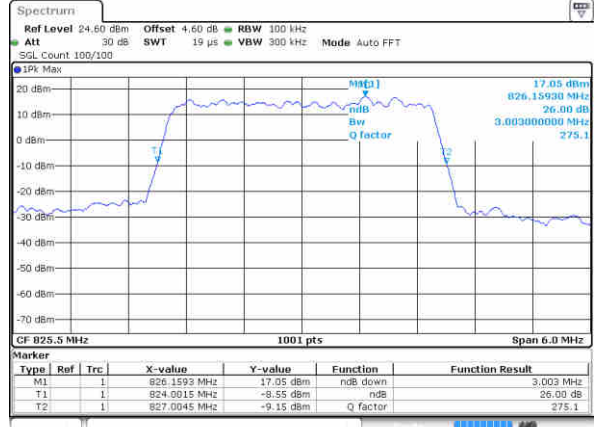
LTE Band 26

Lowest Channel / 3MHz / QPSK



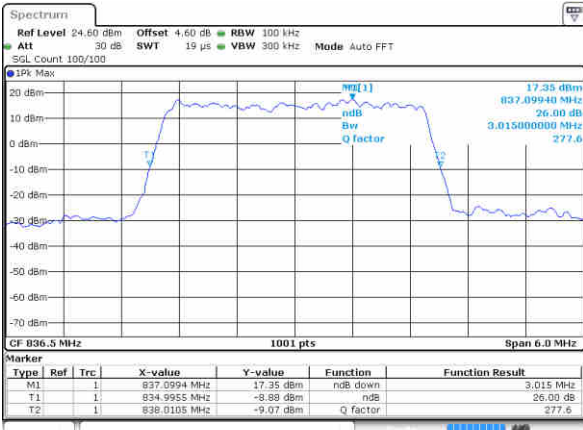
Date: 7 MAR 2020 14:04:21

Lowest Channel / 3MHz / 16QAM



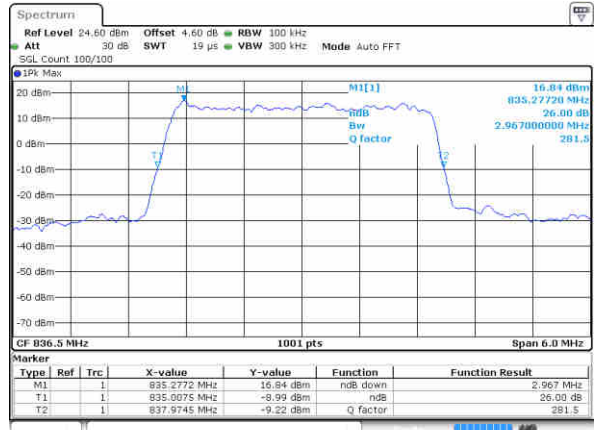
Date: 7 MAR 2020 14:04:41

Middle Channel / 3MHz / QPSK



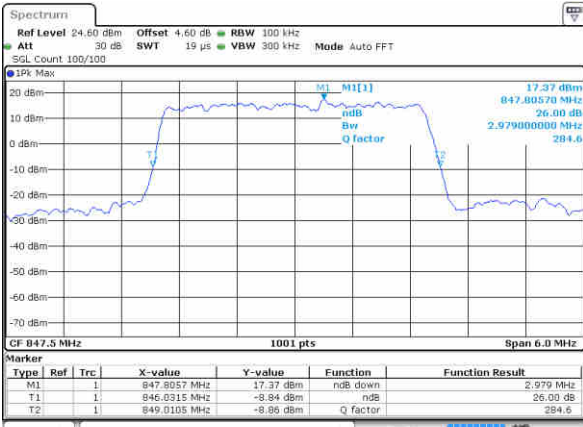
Date: 7 MAR 2020 14:06:01

Middle Channel / 3MHz / 16QAM



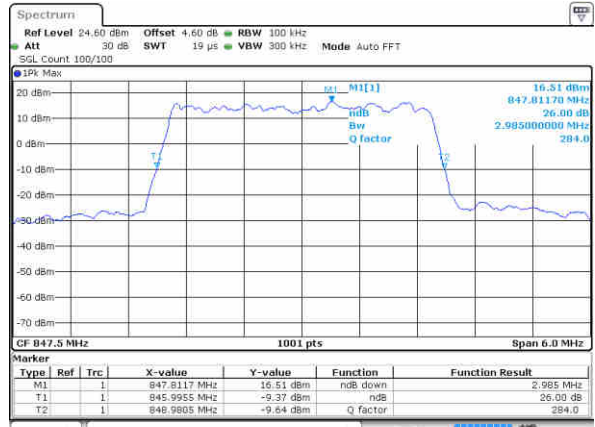
Date: 7 MAR 2020 14:05:41

Highest Channel / 3MHz / QPSK



Date: 7 MAR 2020 14:06:21

Highest Channel / 3MHz / 16QAM

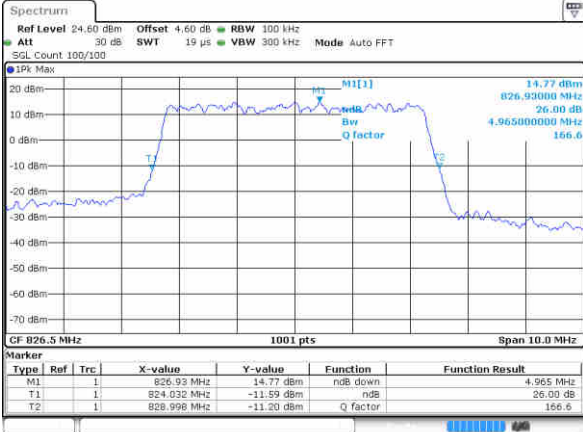


Date: 7 MAR 2020 14:06:41



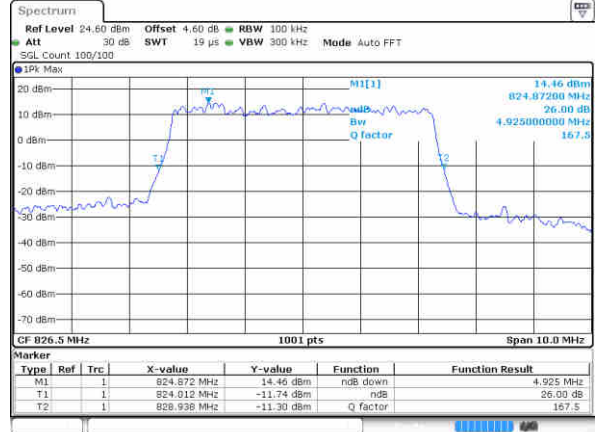
LTE Band 26

Lowest Channel / 5MHz / QPSK



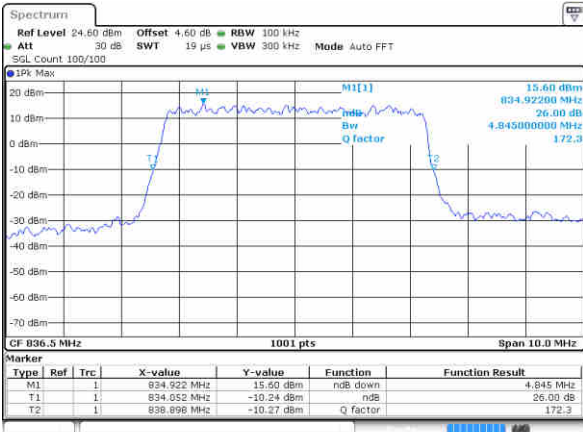
Date: 7 MAR 2020 14:15:30

Lowest Channel / 5MHz / 16QAM



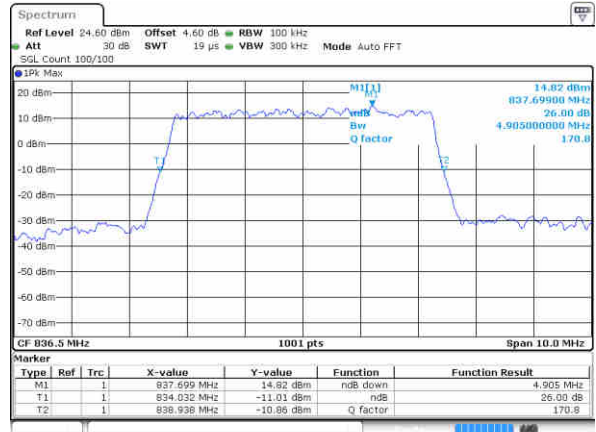
Date: 7 MAR 2020 14:15:50

Middle Channel / 5MHz / QPSK



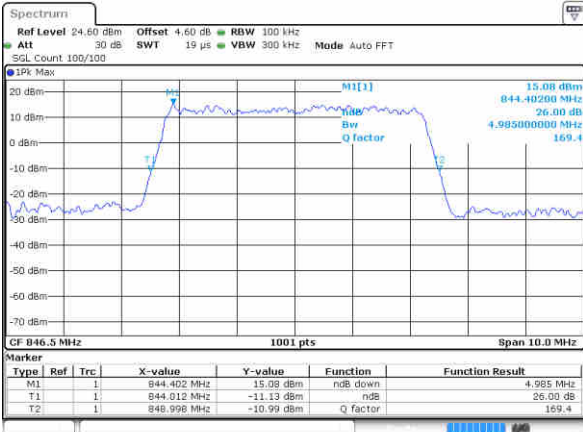
Date: 7 MAR 2020 14:17:10

Middle Channel / 5MHz / 16QAM



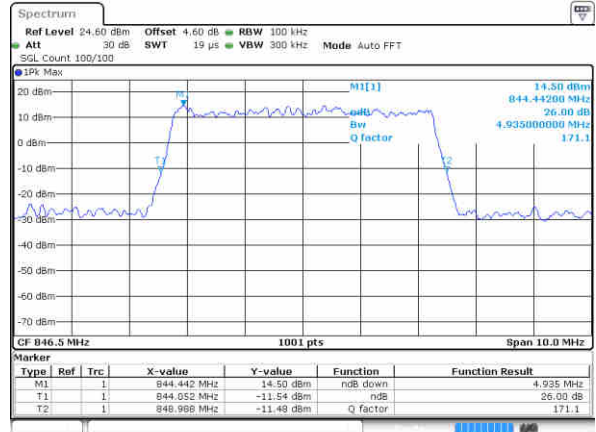
Date: 7 MAR 2020 14:16:50

Highest Channel / 5MHz / QPSK



Date: 7 MAR 2020 14:17:30

Highest Channel / 5MHz / 16QAM

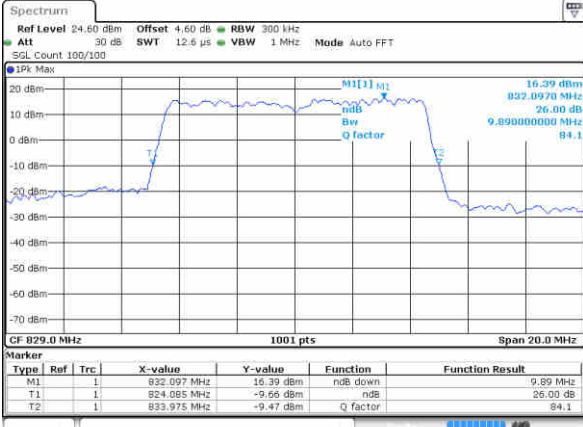


Date: 7 MAR 2020 14:17:50



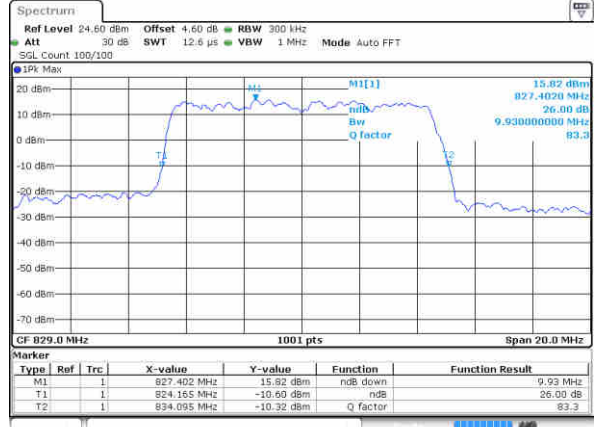
LTE Band 26

Lowest Channel / 10MHz / QPSK



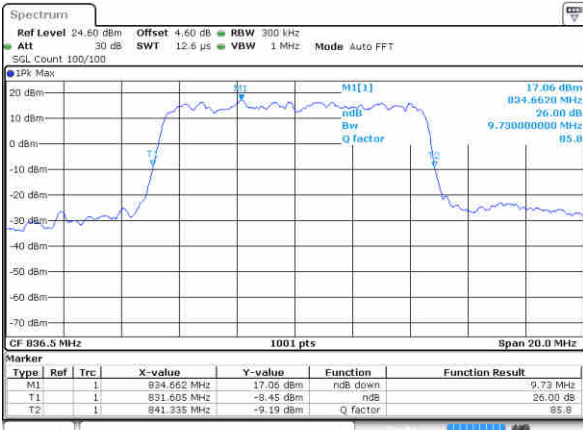
Date: 7 MAR 2020 14:28:39

Lowest Channel / 10MHz / 16QAM



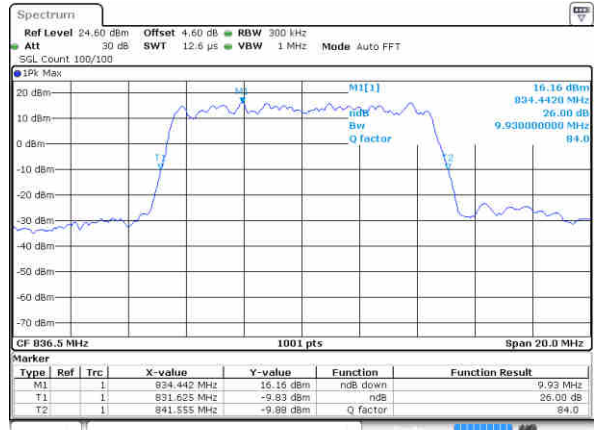
Date: 7 MAR 2020 14:28:59

Middle Channel / 10MHz / QPSK



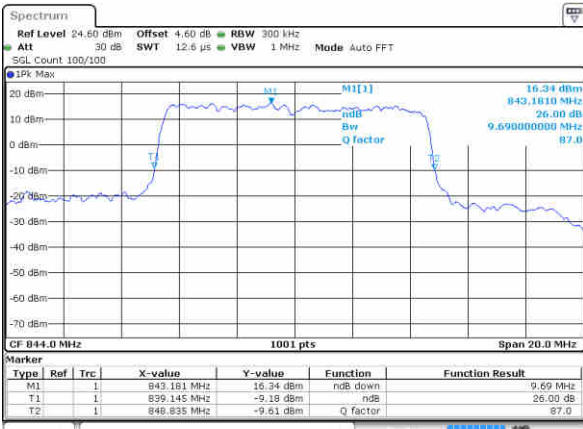
Date: 7 MAR 2020 14:28:20

Middle Channel / 10MHz / 16QAM



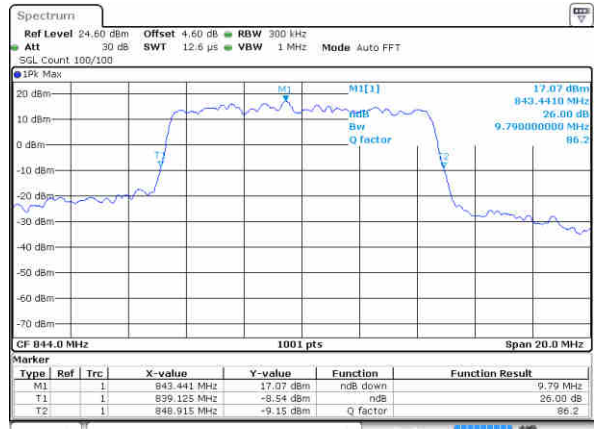
Date: 7 MAR 2020 14:28:00

Highest Channel / 10MHz / QPSK



Date: 7 MAR 2020 14:28:40

Highest Channel / 10MHz / 16QAM

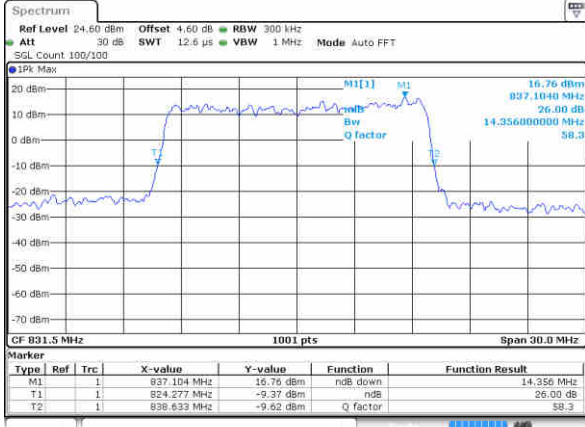


Date: 7 MAR 2020 14:29:00



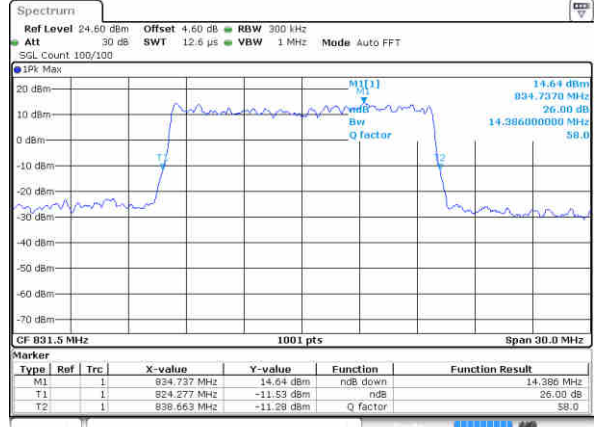
LTE Band 26

Lowest Channel / 15MHz / QPSK



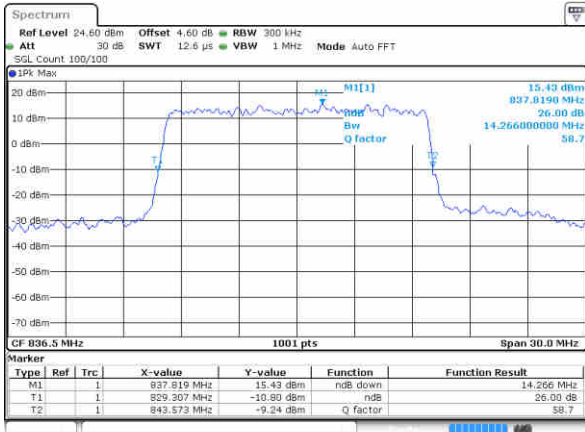
Date: 7 MAR 2020 14:37:49

Lowest Channel / 15MHz / 16QAM



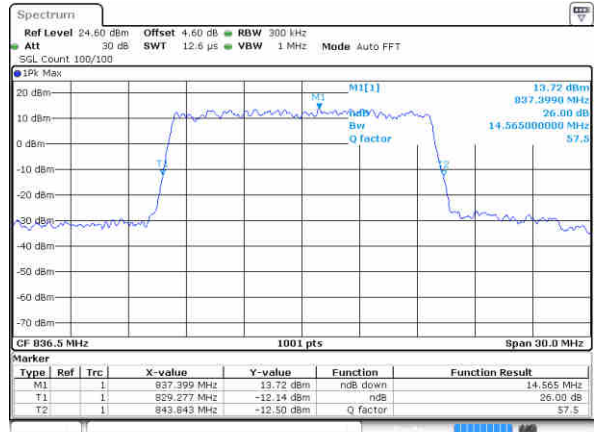
Date: 7 MAR 2020 14:38:09

Middle Channel / 15MHz / QPSK



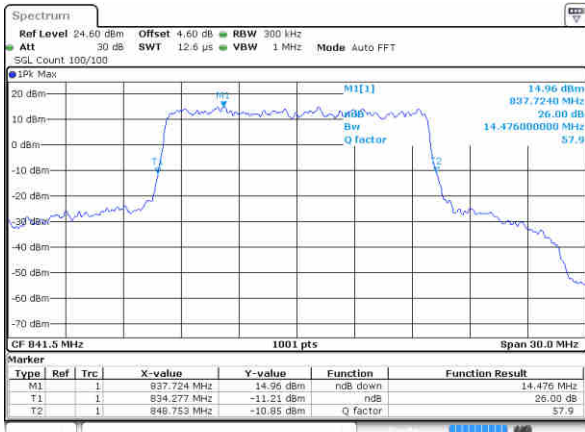
Date: 7 MAR 2020 14:39:29

Middle Channel / 15MHz / 16QAM



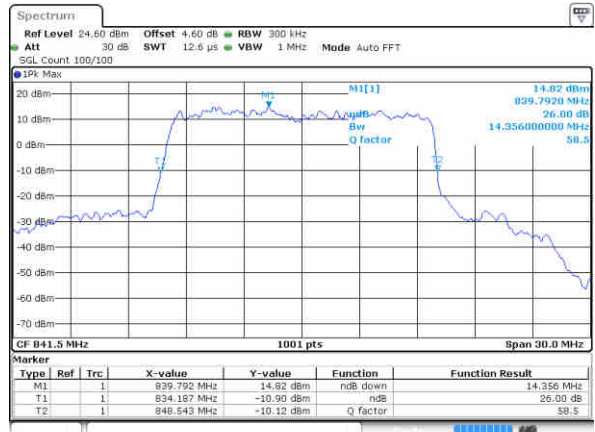
Date: 7 MAR 2020 14:39:09

Highest Channel / 15MHz / QPSK



Date: 7 MAR 2020 14:39:49

Highest Channel / 15MHz / 16QAM

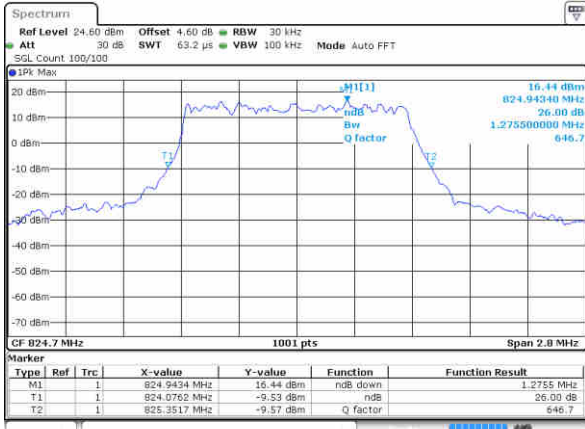


Date: 7 MAR 2020 14:40:09



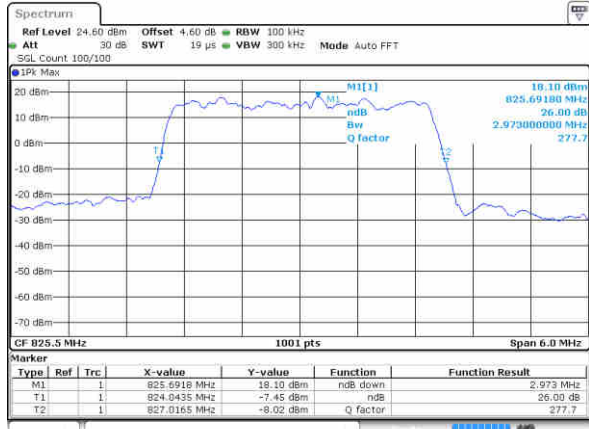
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



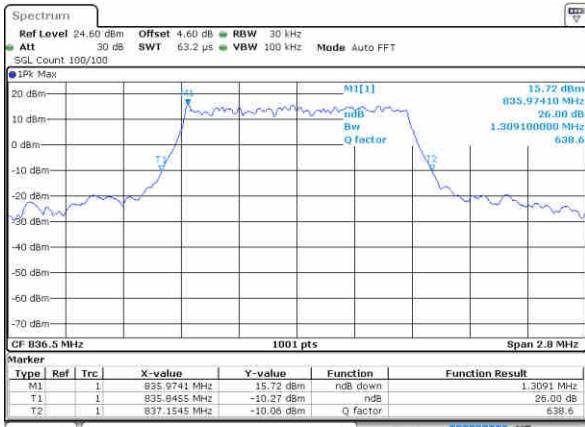
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Lowest Channel / 3MHz / 64QAM



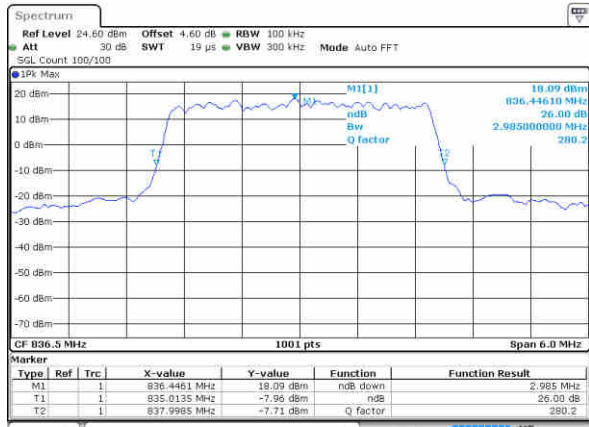
Date: 7 MAR 2020 14:05:01

Middle Channel / 1.4MHz / 64QAM



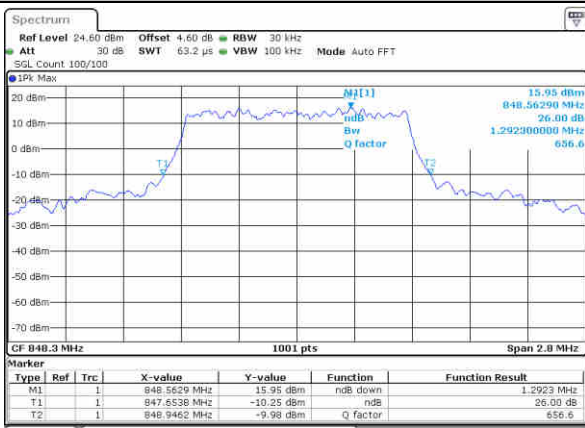
Date: 7 MAR 2020 14:02:21

Middle Channel / 3MHz / 64QAM



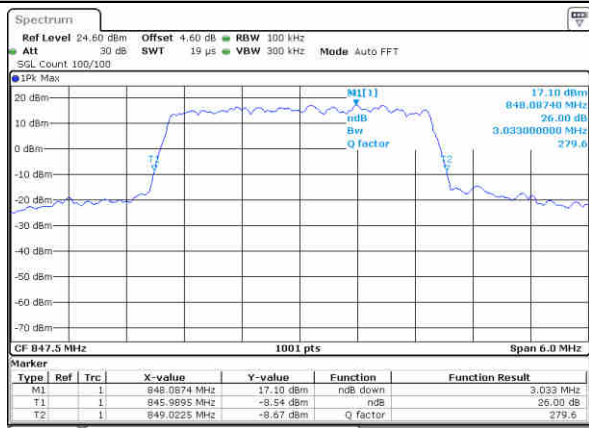
Date: 7 MAR 2020 14:05:21

Highest Channel / 1.4MHz / 64QAM



Date: 7 MAR 2020 14:04:01

Highest Channel / 3MHz / 64QAM

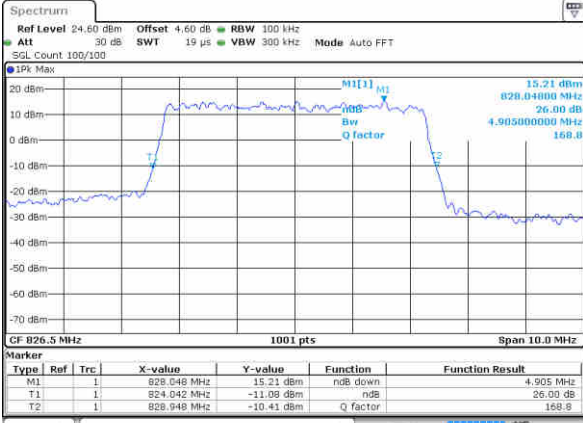


Date: 7 MAR 2020 14:07:01



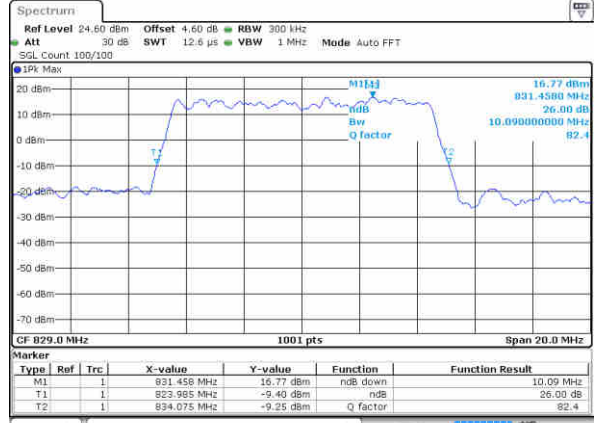
LTE Band 26

Lowest Channel / 5MHz / 64QAM



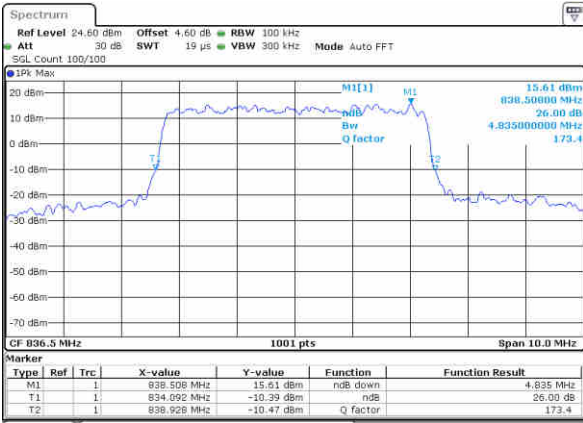
Date: 7 MAR 2020 14:18:10

Lowest Channel / 10MHz / 64QAM



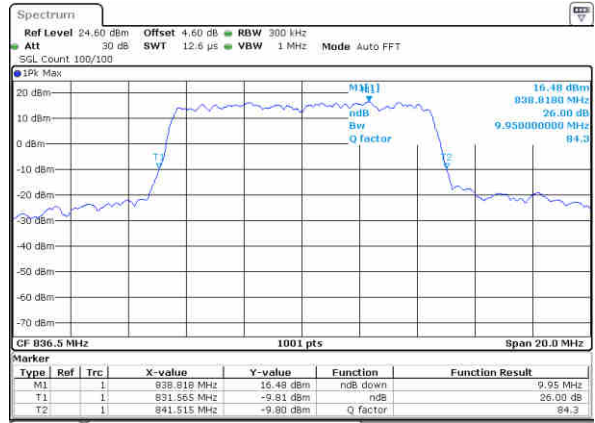
Date: 7 MAR 2020 14:27:20

Middle Channel / 5MHz / 64QAM



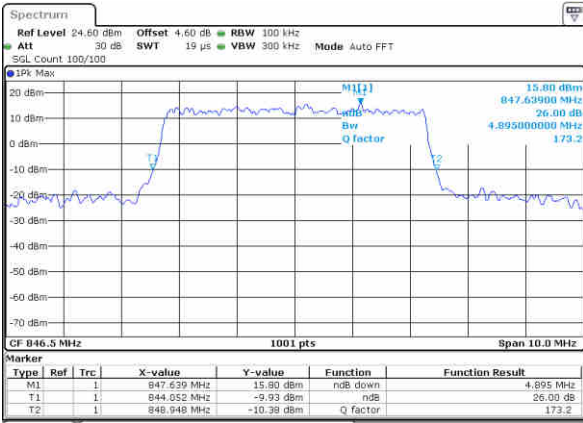
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Middle Channel / 10MHz / 64QAM



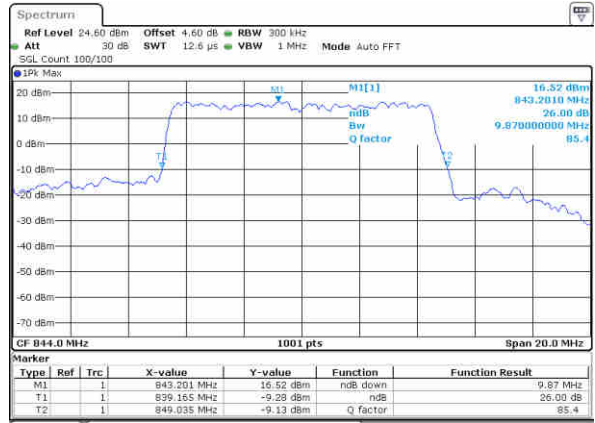
Date: 7 MAR 2020 14:27:40

Highest Channel / 5MHz / 64QAM



Date: 7 MAR 2020 14:18:10

Highest Channel / 10MHz / 64QAM

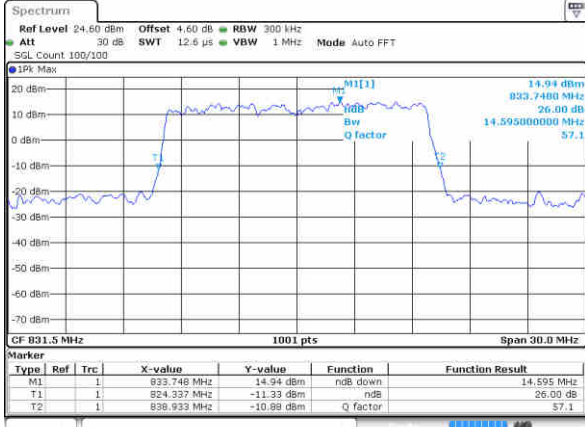


Date: 7 MAR 2020 14:29:19



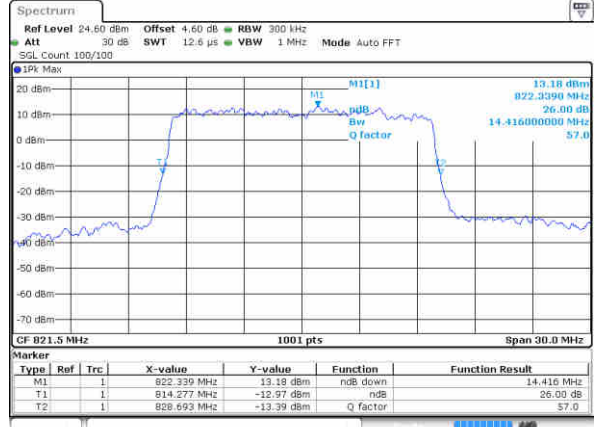
LTE Band 26

Lowest Channel / 15MHz / 64QAM



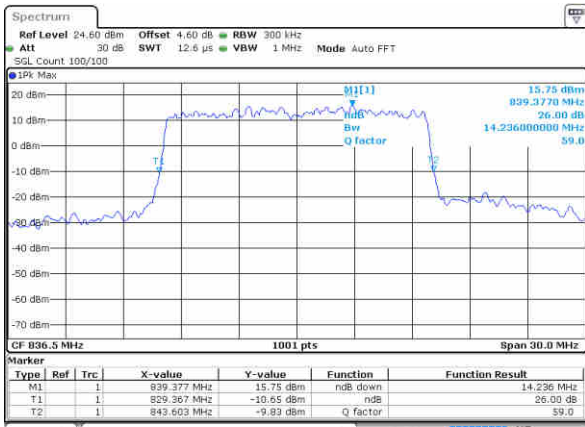
Date: 7 MAR 2020 14:38:29

Channel 26765 / 15MHz / QPSK



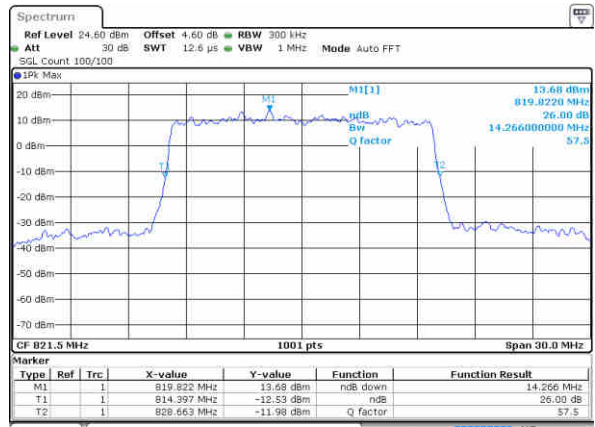
Date: 17 JAN 2020 18:58:45

Middle Channel / 15MHz / 64QAM



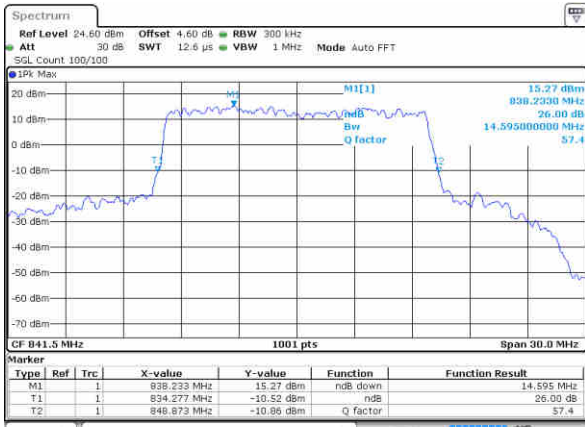
Date: 7 MAR 2020 14:38:49

Channel 26765 / 15MHz / 16QAM



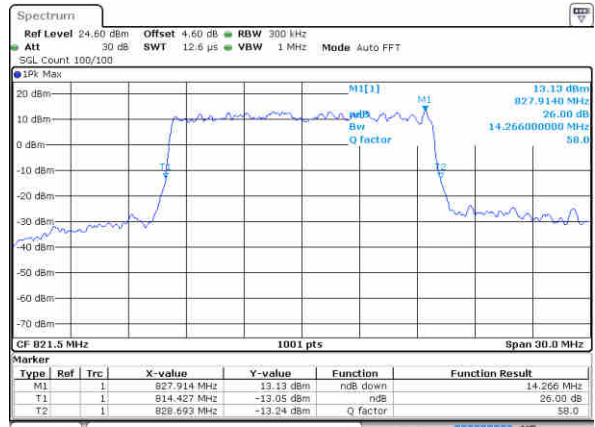
Date: 17 JAN 2020 18:58:57

Highest Channel / 15MHz / 64QAM



Date: 7 MAR 2020 14:40:29

Channel 26765 / 15MHz / 64QAM



Date: 17 JAN 2020 18:59:13



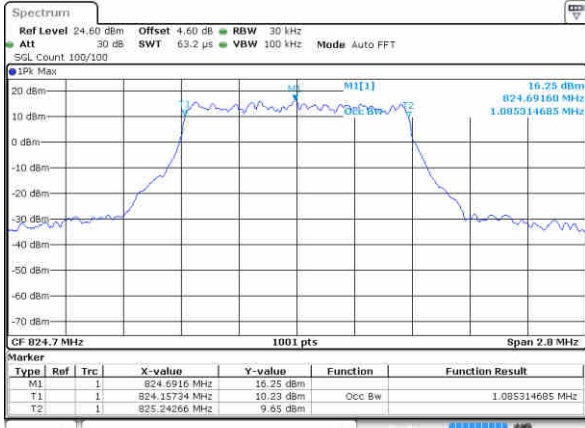
Occupied Bandwidth

| Mode | LTE Band 26 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | CH26765 | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.09 | 1.09 | 2.72 | 2.73 | 4.52 | 4.49 | 9.09 | 8.97 | 13.49 | 13.46 | 13.40 | 13.37 |
| Middle CH | 1.09 | 1.09 | 2.72 | 2.73 | 4.50 | 4.47 | 8.99 | 9.01 | 13.52 | 13.34 | - | - |
| Highest CH | 1.09 | 1.09 | 2.71 | 2.69 | 4.48 | 4.49 | 9.03 | 8.99 | 13.46 | 13.46 | - | - |
| Mode | LTE Band 26 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | CH26765 | |
| Mod. | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - |
| Lowest CH | 1.10 | - | 2.73 | - | 4.52 | - | 9.13 | - | 13.40 | - | 13.40 | - |
| Middle CH | 1.09 | - | 2.70 | - | 4.47 | - | 9.07 | - | 13.43 | - | - | - |
| Highest CH | 1.10 | - | 2.72 | - | 4.55 | - | 9.01 | - | 13.46 | - | - | - |



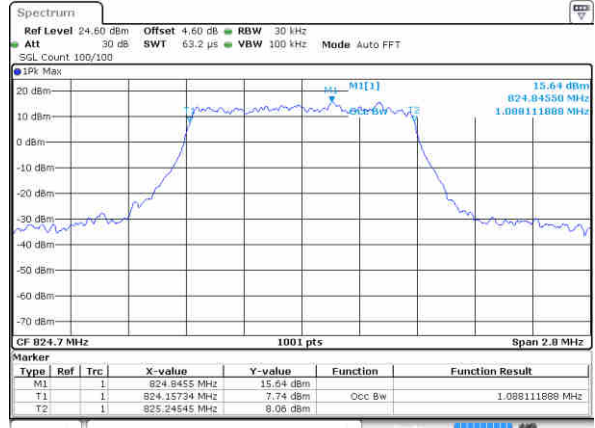
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



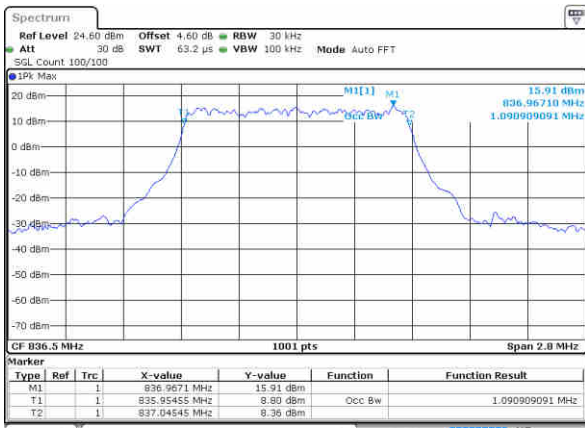
Date: 7 MAR 2020 13:53:02

Lowest Channel / 1.4MHz / 16QAM



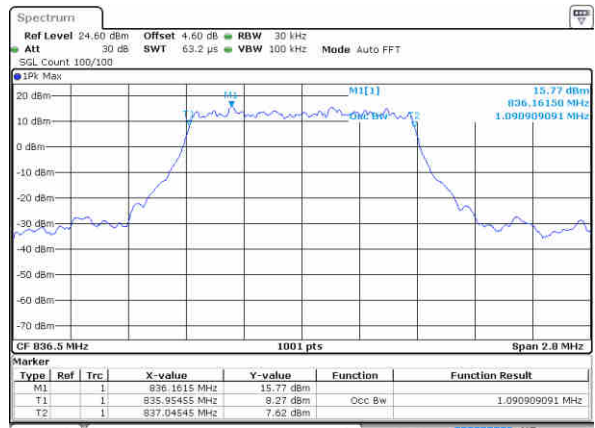
Date: 7 MAR 2020 13:53:22

Middle Channel / 1.4MHz / QPSK



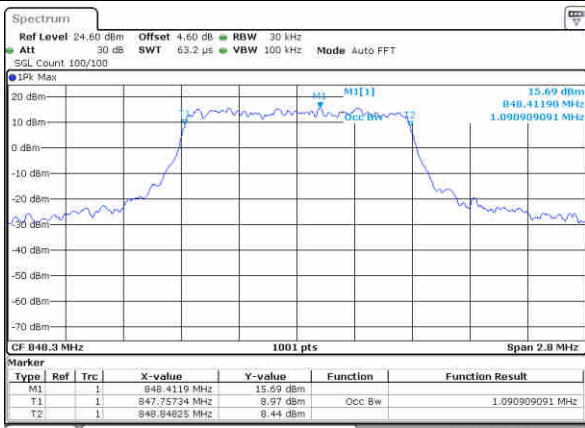
Date: 7 MAR 2020 14:02:51

Middle Channel / 1.4MHz / 16QAM



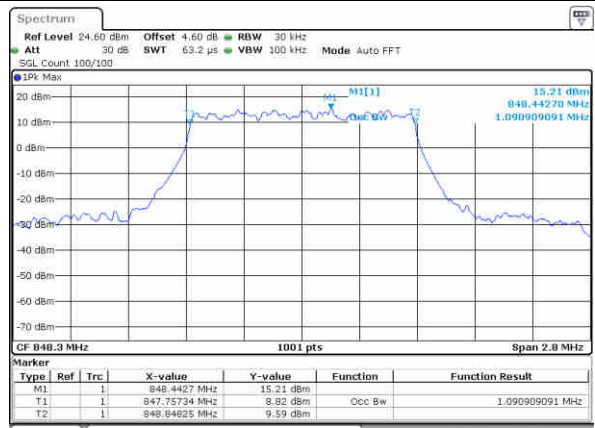
Date: 7 MAR 2020 14:02:31

Highest Channel / 1.4MHz / QPSK



Date: 7 MAR 2020 14:03:11

Highest Channel / 1.4MHz / 16QAM

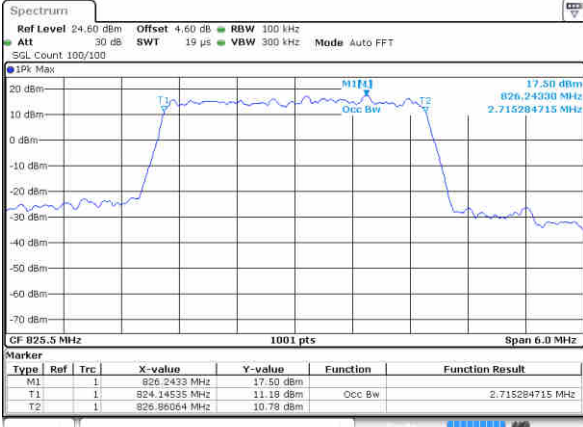


Date: 7 MAR 2020 14:03:31



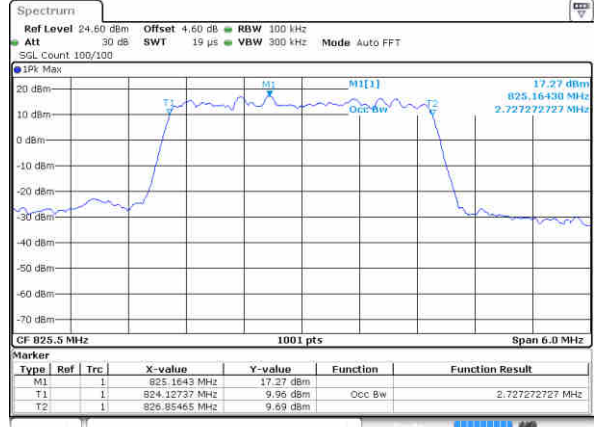
LTE Band 26

Lowest Channel / 3MHz / QPSK



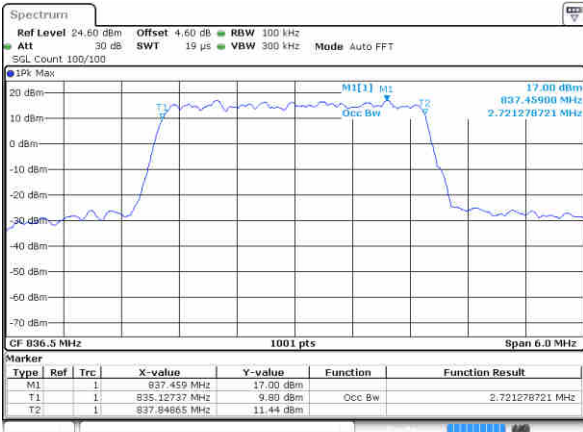
Date: 7 MAR 2020 14:04:11

Lowest Channel / 3MHz / 16QAM



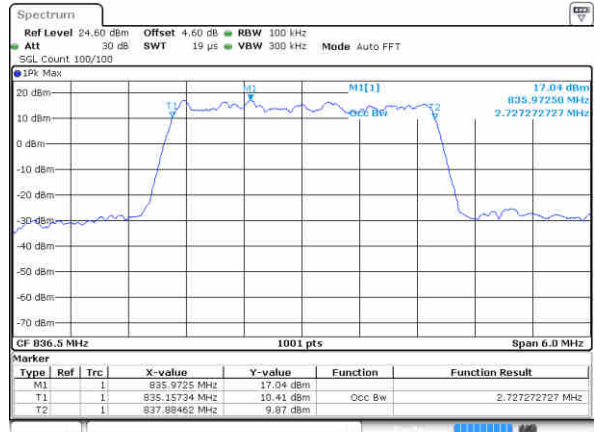
Date: 7 MAR 2020 14:04:31

Middle Channel / 3MHz / QPSK



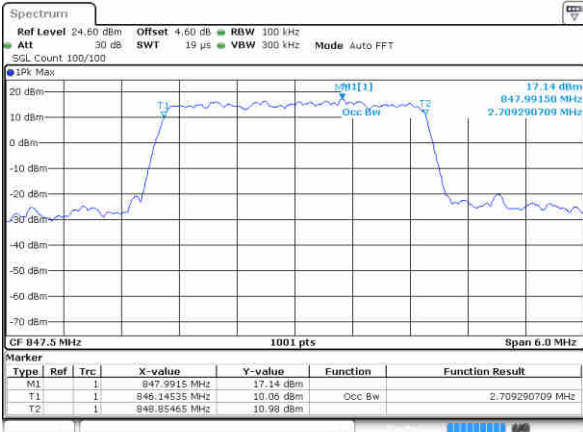
Date: 7 MAR 2020 14:05:11

Middle Channel / 3MHz / 16QAM



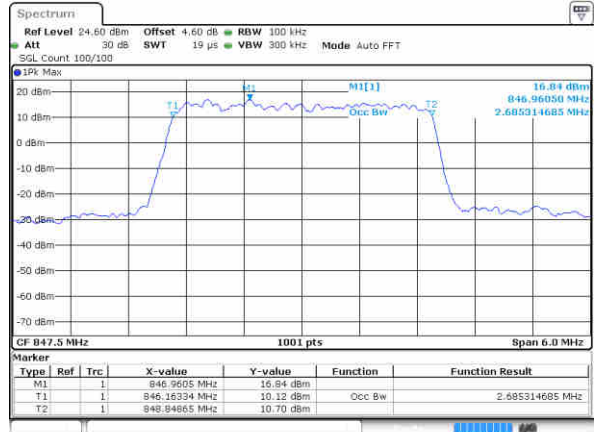
Date: 7 MAR 2020 14:05:31

Highest Channel / 3MHz / QPSK



Date: 7 MAR 2020 14:06:11

Highest Channel / 3MHz / 16QAM

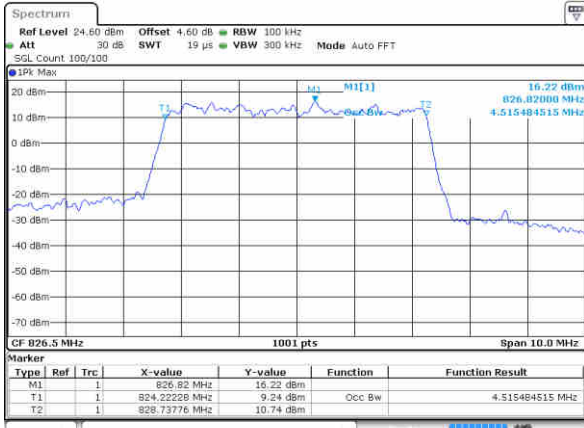


Date: 7 MAR 2020 14:06:31



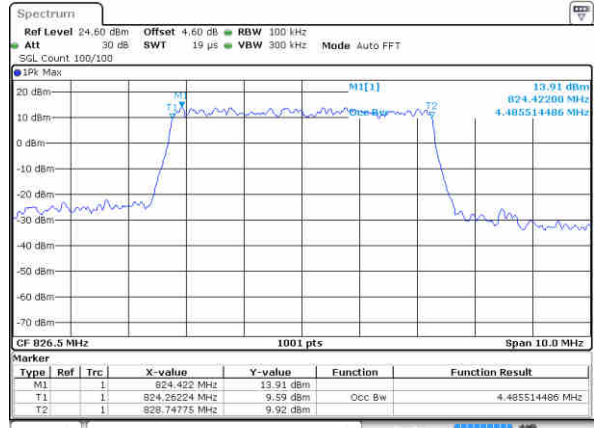
LTE Band 26

Lowest Channel / 5MHz / QPSK



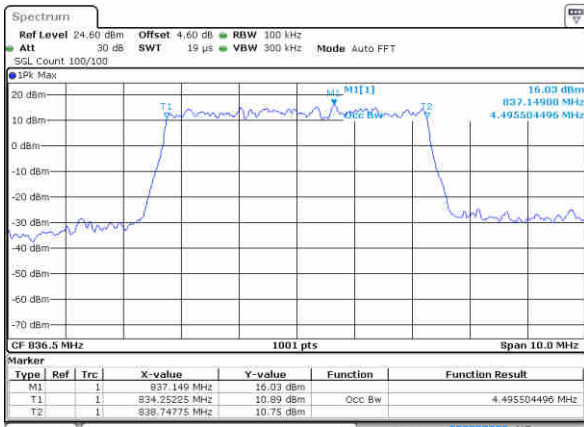
Date: 7 MAR 2020 14:15:20

Lowest Channel / 5MHz / 16QAM



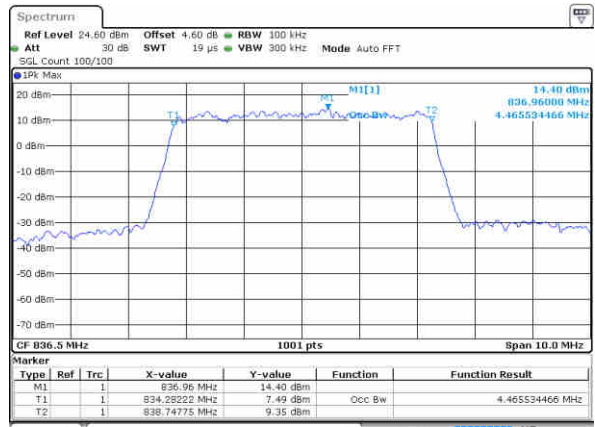
Date: 7 MAR 2020 14:15:40

Middle Channel / 5MHz / QPSK



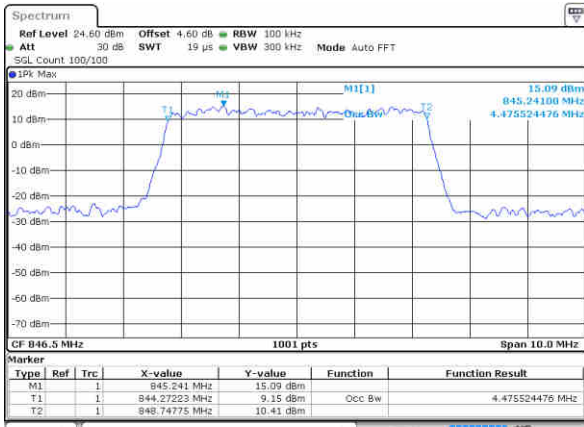
Date: 7 MAR 2020 14:17:00

Middle Channel / 5MHz / 16QAM



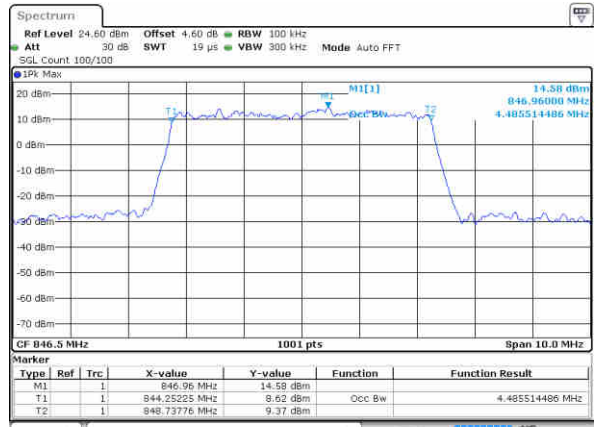
Date: 7 MAR 2020 14:16:40

Highest Channel / 5MHz / QPSK



Date: 7 MAR 2020 14:17:20

Highest Channel / 5MHz / 16QAM

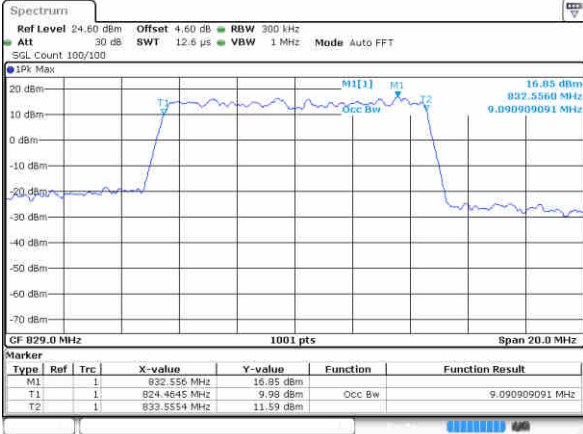


Date: 7 MAR 2020 14:17:40



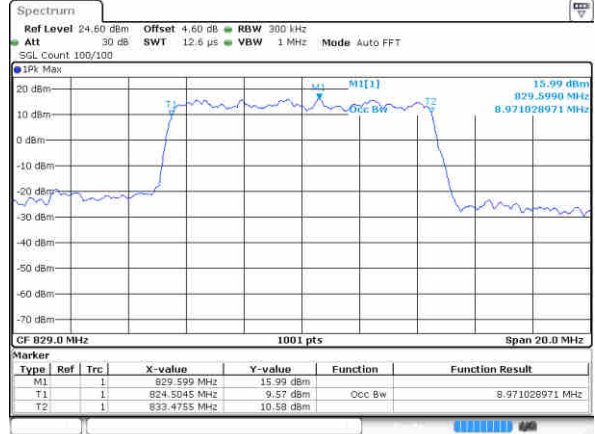
LTE Band 26

Lowest Channel / 10MHz / QPSK



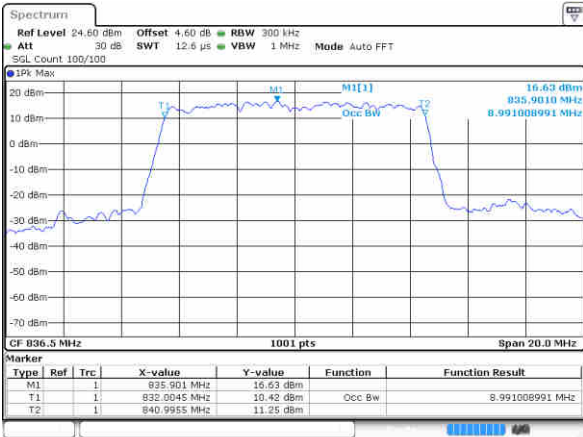
Date: 7 MAR 2020 14:26:30

Lowest Channel / 10MHz / 16QAM



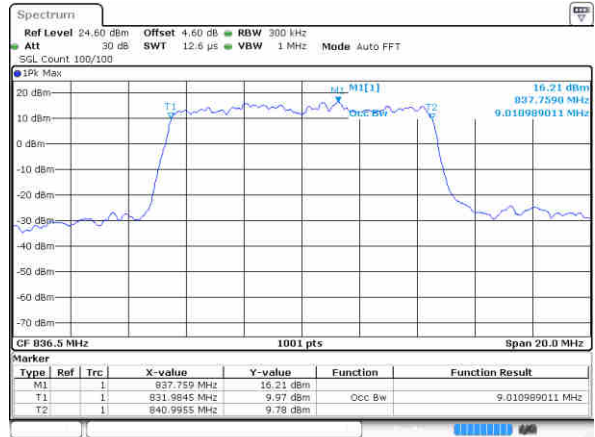
Date: 7 MAR 2020 14:26:49

Middle Channel / 10MHz / QPSK



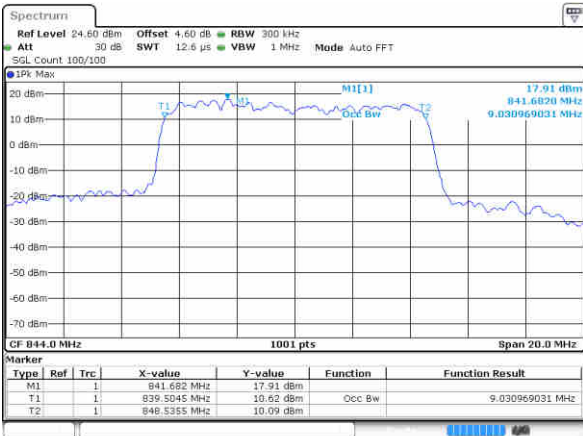
Date: 7 MAR 2020 14:28:10

Middle Channel / 10MHz / 16QAM



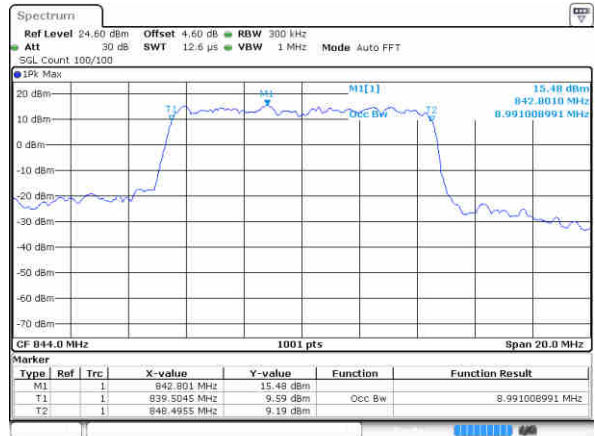
Date: 7 MAR 2020 14:27:50

Highest Channel / 10MHz / QPSK



Date: 7 MAR 2020 14:28:30

Highest Channel / 10MHz / 16QAM

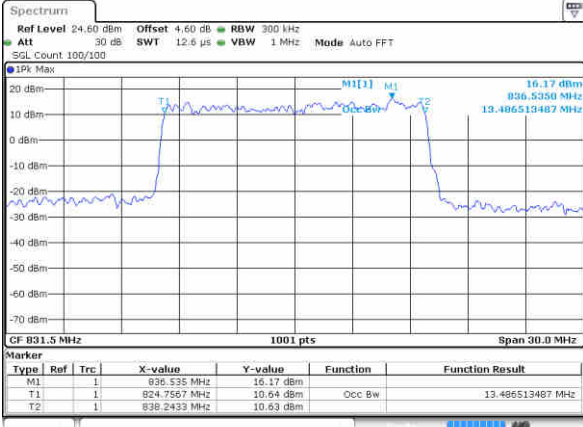


Date: 7 MAR 2020 14:28:50



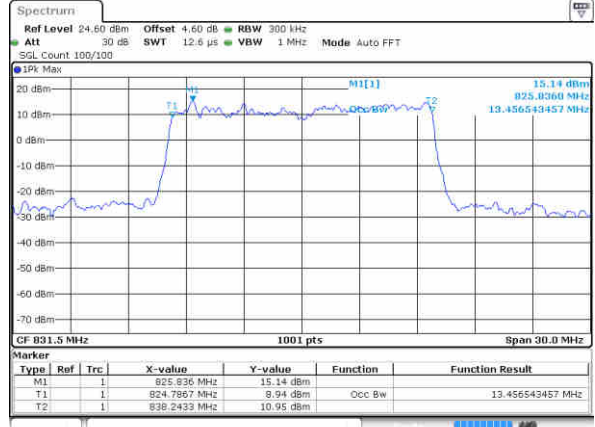
LTE Band 26

Lowest Channel / 15MHz / QPSK



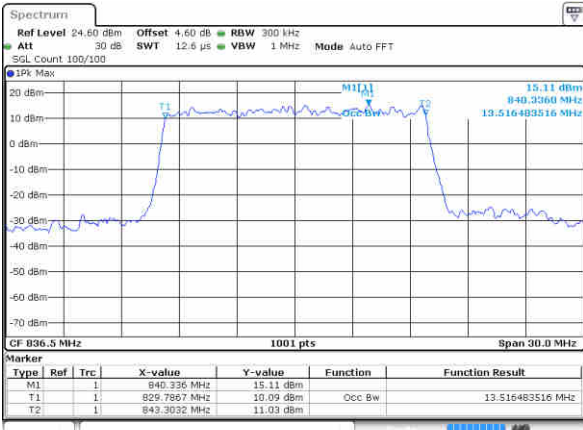
Date: 7 MAR 2020 14:37:39

Lowest Channel / 15MHz / 16QAM



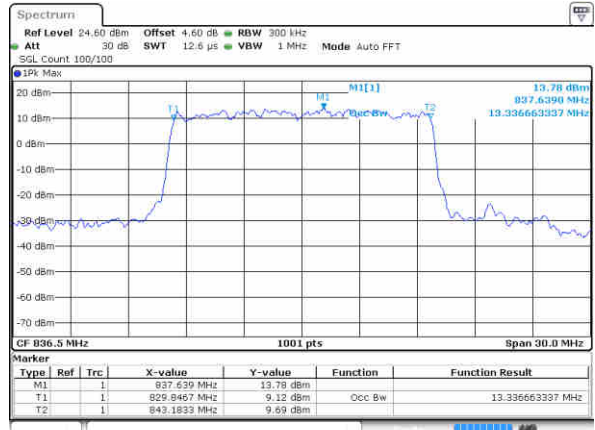
Date: 7 MAR 2020 14:37:59

Middle Channel / 15MHz / QPSK



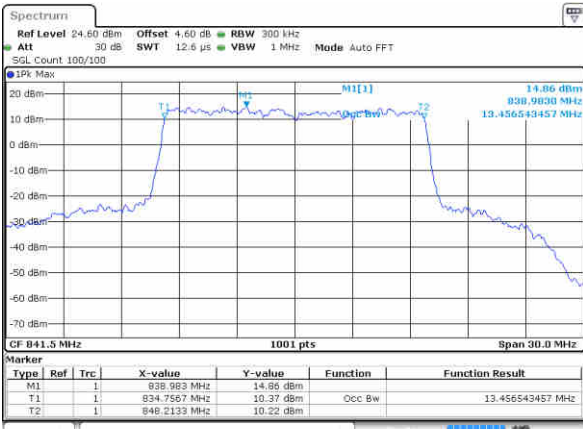
Date: 7 MAR 2020 14:39:19

Middle Channel / 15MHz / 16QAM



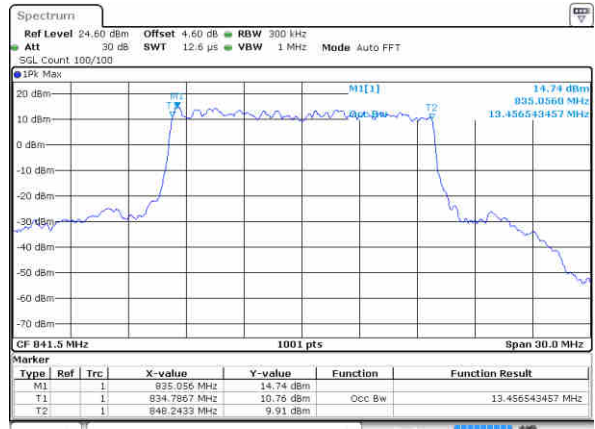
Date: 7 MAR 2020 14:38:59

Highest Channel / 15MHz / QPSK



Date: 7 MAR 2020 14:39:39

Highest Channel / 15MHz / 16QAM

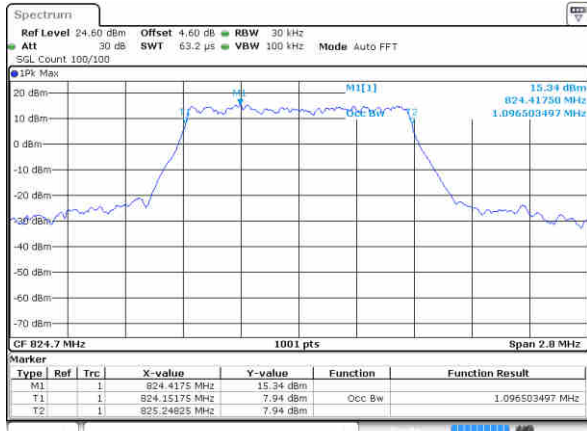


Date: 7 MAR 2020 14:39:59



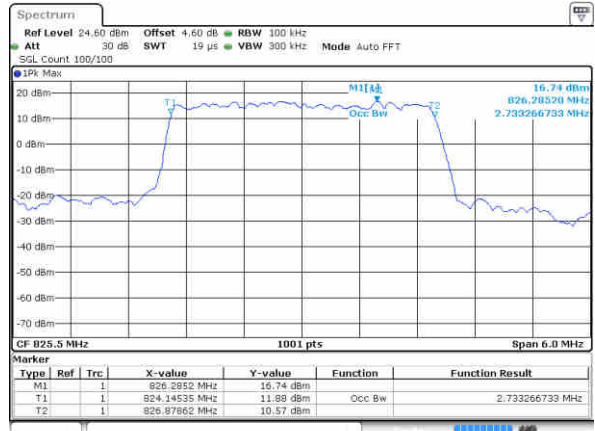
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



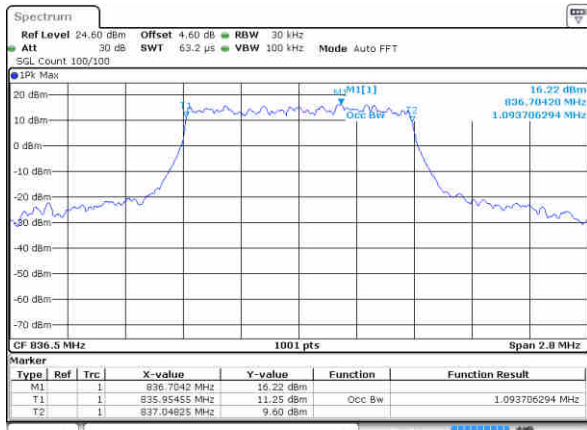
Date: 7 MAR 2020 13:53:42

Lowest Channel / 3MHz / 64QAM



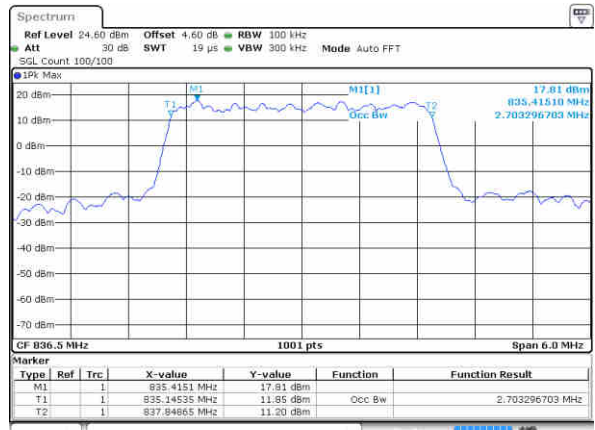
Date: 7 MAR 2020 14:04:51

Middle Channel / 1.4MHz / 64QAM



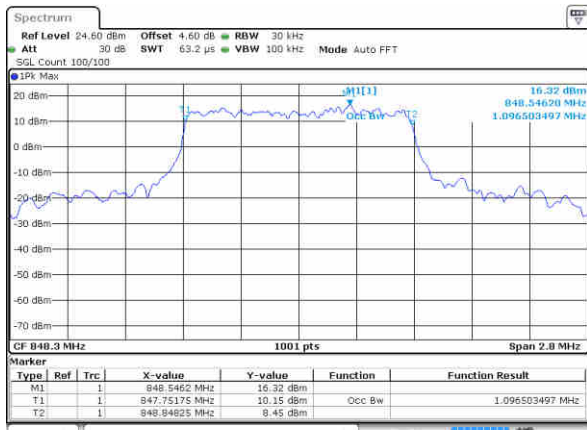
Date: 7 MAR 2020 14:02:11

Middle Channel / 3MHz / 64QAM



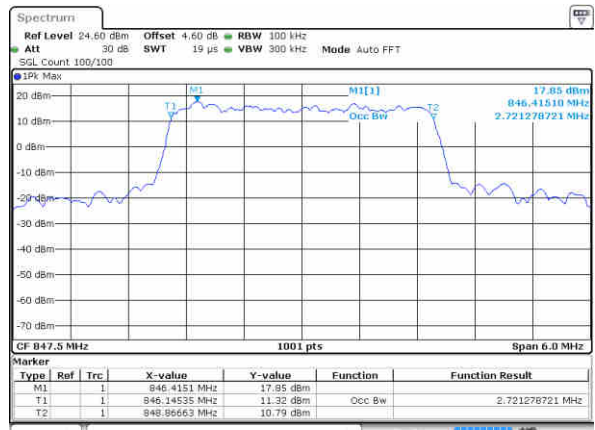
Date: 7 MAR 2020 14:05:11

Highest Channel / 1.4MHz / 64QAM



Date: 7 MAR 2020 14:03:51

Highest Channel / 3MHz / 64QAM

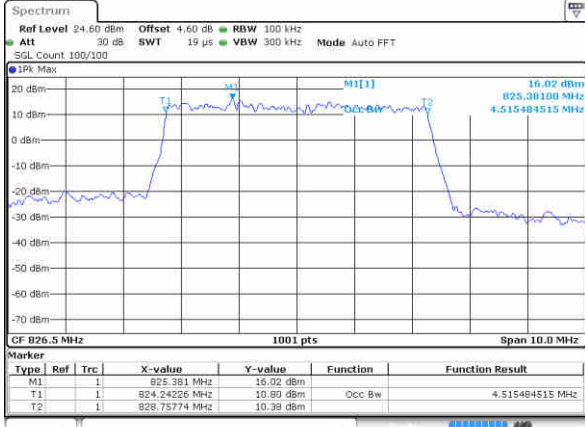


Date: 7 MAR 2020 14:06:51



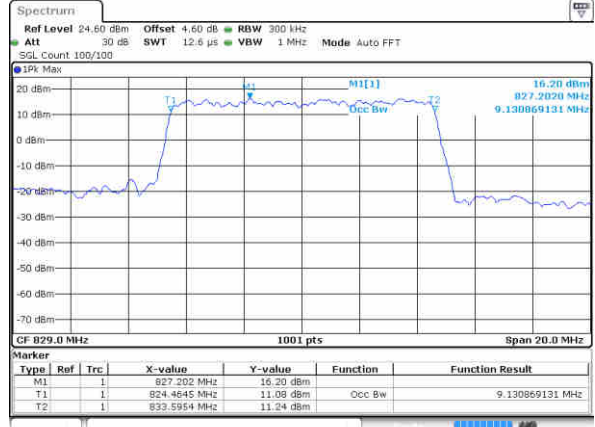
LTE Band 26

Lowest Channel / 5MHz / 64QAM



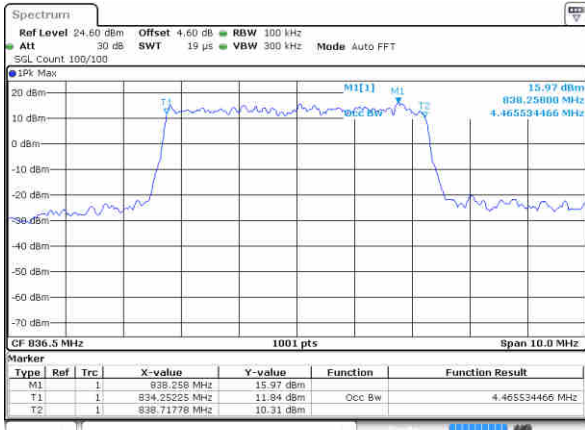
Date: 7 MAR 2020 14:18:00

Lowest Channel / 10MHz / 64QAM



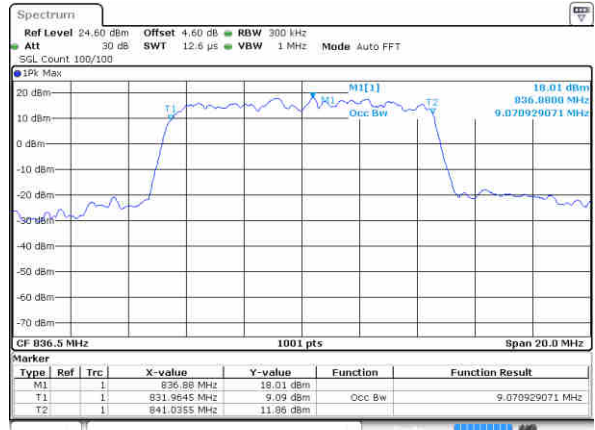
Date: 7 MAR 2020 14:27:10

Middle Channel / 5MHz / 64QAM



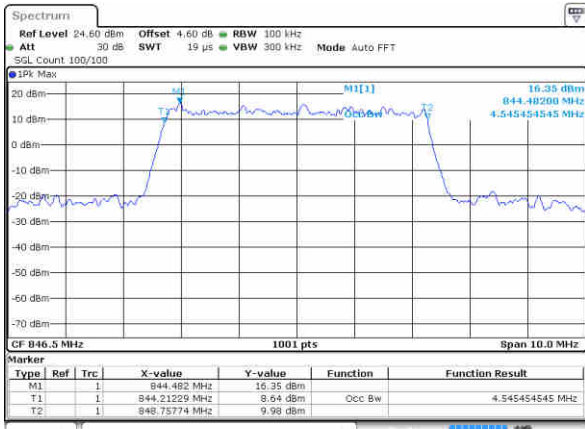
Date: 7 MAR 2020 14:18:00

Middle Channel / 10MHz / 64QAM



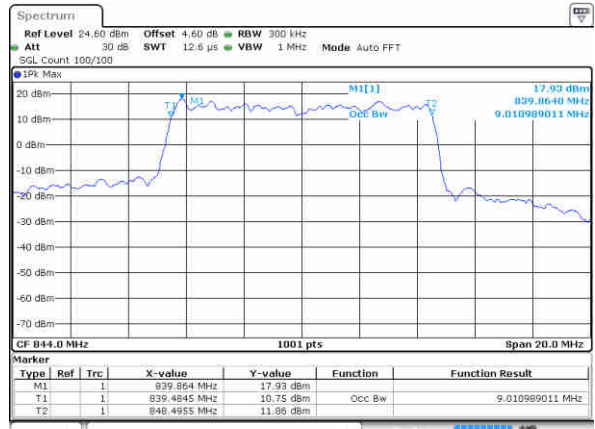
Date: 7 MAR 2020 14:27:30

Highest Channel / 5MHz / 64QAM



Date: 7 MAR 2020 14:18:00

Highest Channel / 10MHz / 64QAM

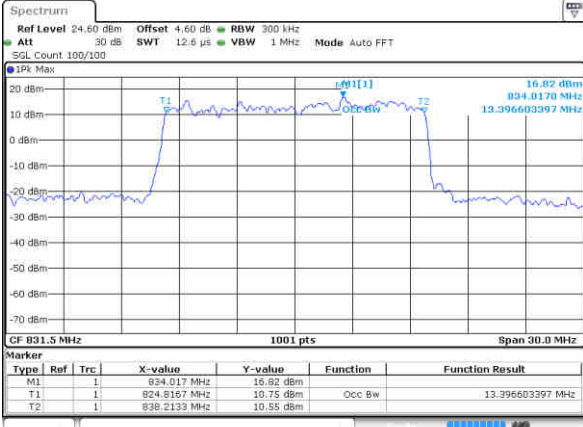


Date: 7 MAR 2020 14:29:10



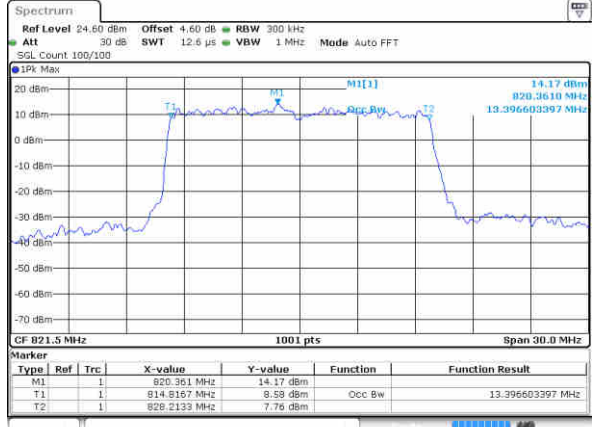
LTE Band 26

Lowest Channel / 15MHz / 64QAM



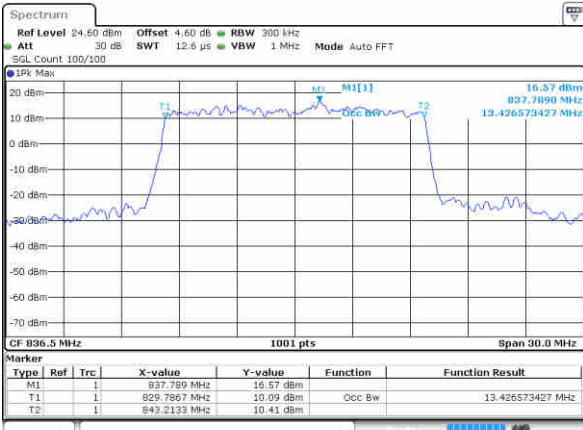
Date: 7 MAR 2020 14:38:19

Lowest Channel / 15MHz / QPSK



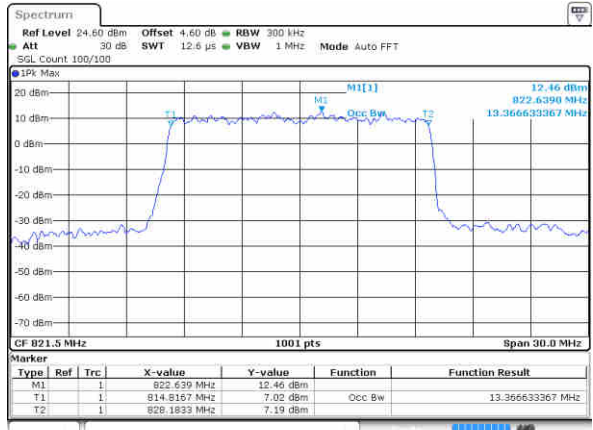
Date: 17 JAN 2020 18:40:43

Middle Channel / 15MHz / 64QAM



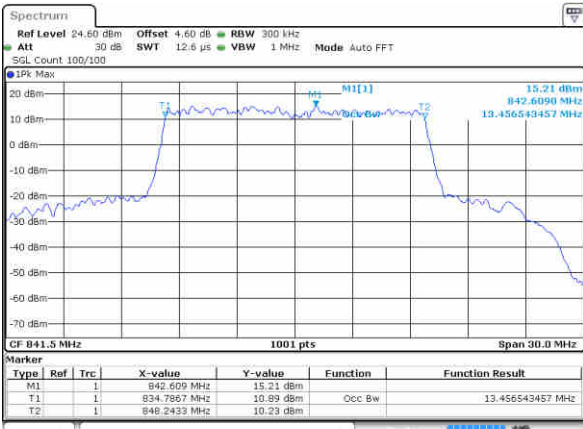
Date: 7 MAR 2020 14:38:39

Lowest Channel / 15MHz / 16QAM



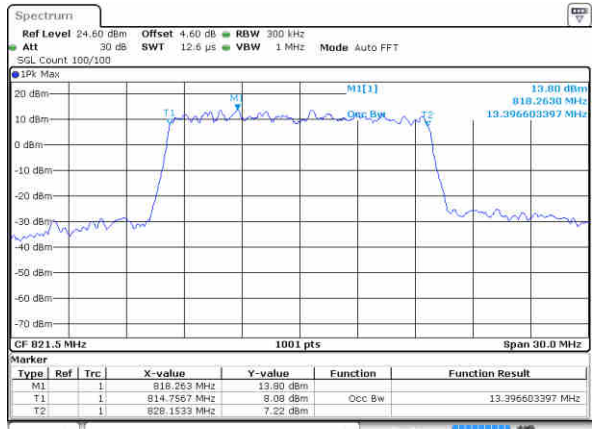
Date: 17 JAN 2020 18:40:33

Highest Channel / 15MHz / 64QAM



Date: 7 MAR 2020 14:40:19

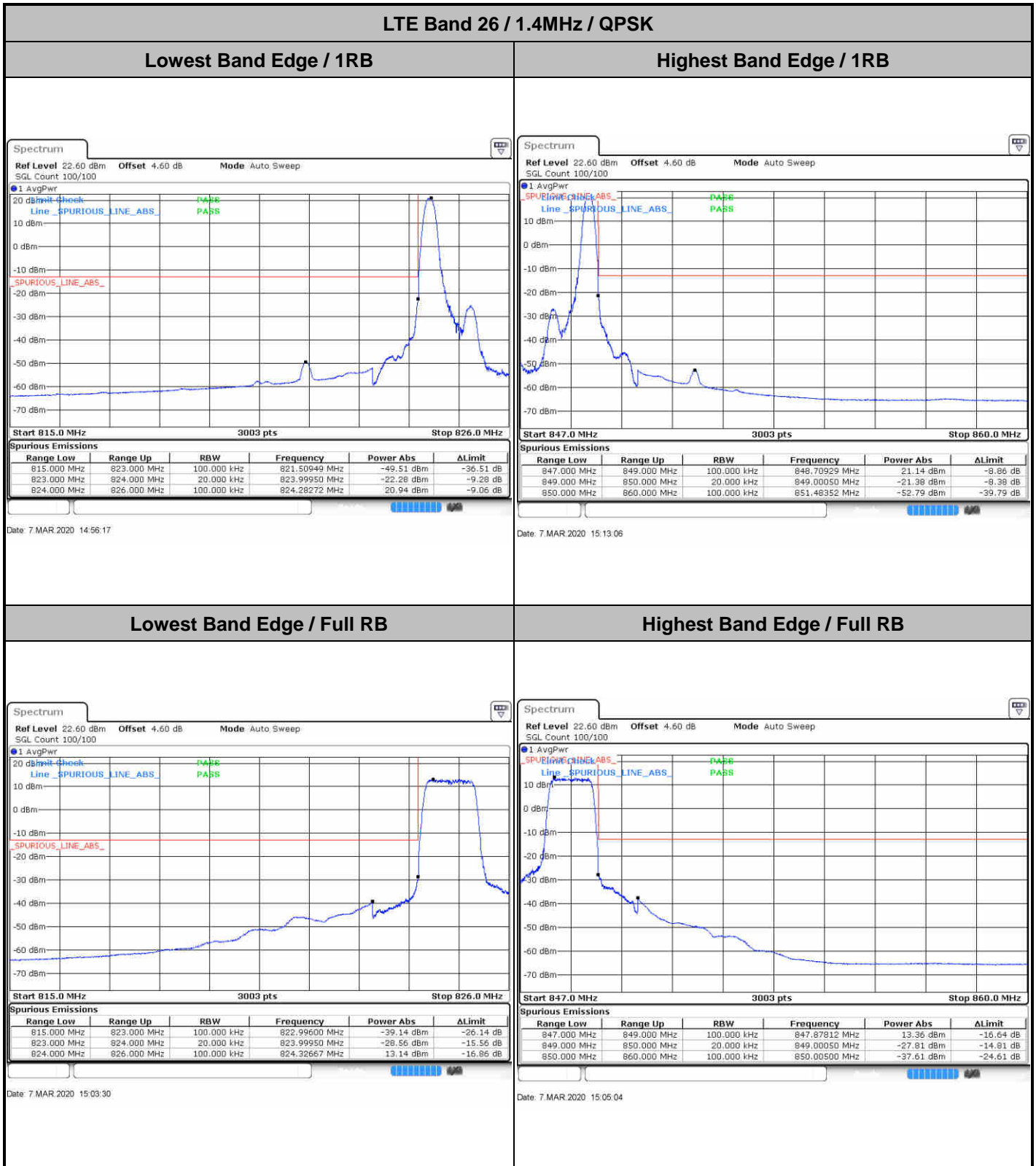
Middle Channel / 15MHz / 64QAM



Date: 17 JAN 2020 18:40:53



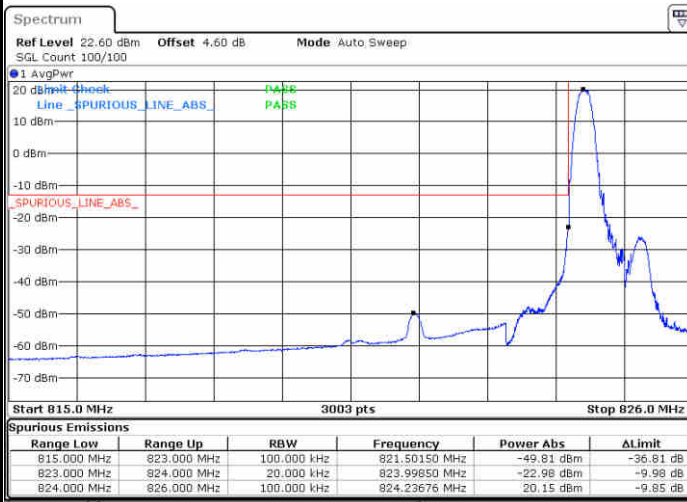
Conducted Band Edge





LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



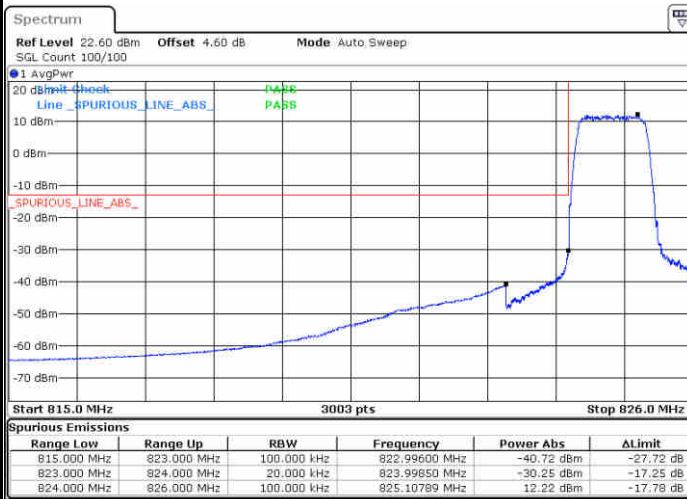
Date: 7 MAR 2020 14:57:41

Highest Band Edge / 1 RB



Date: 7 MAR 2020 15:11:19

Lowest Band Edge / Full RB



Date: 7 MAR 2020 15:02:06

Highest Band Edge / Full RB

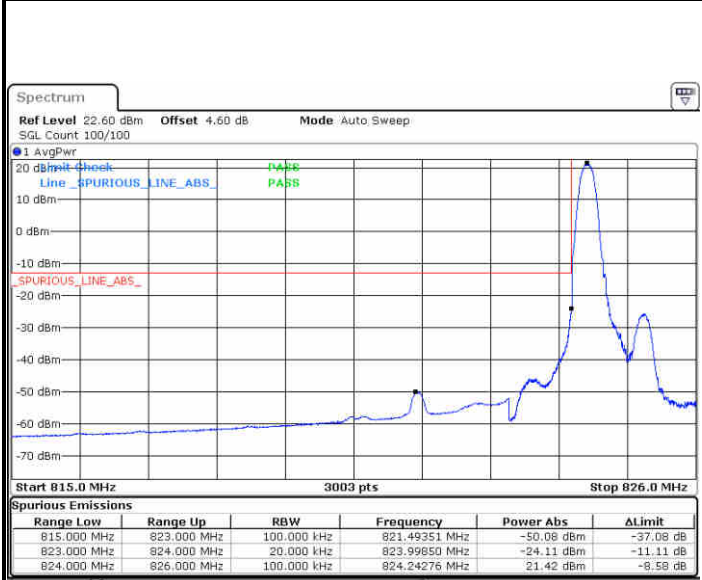


Date: 7 MAR 2020 15:06:31



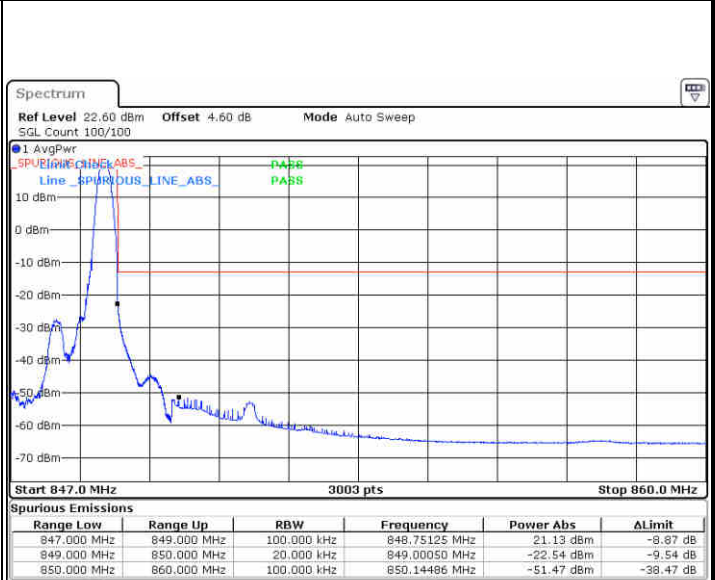
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



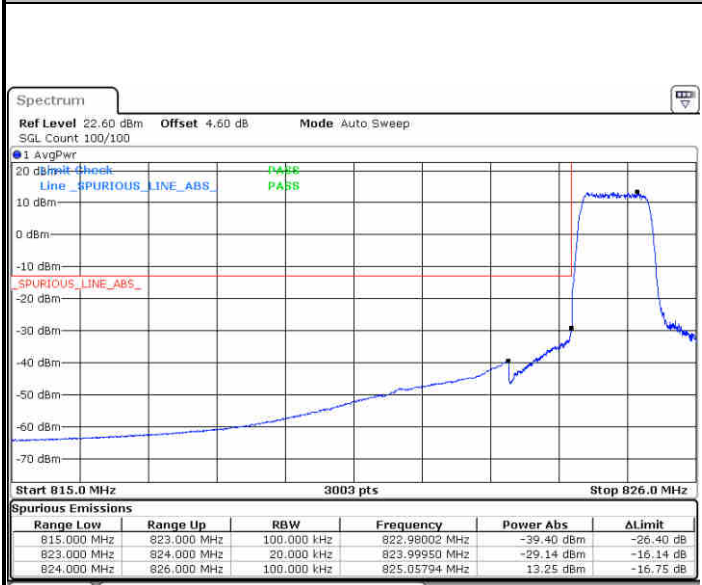
Date: 7 MAR 2020 14:59:06

Highest Band Edge / 1 RB



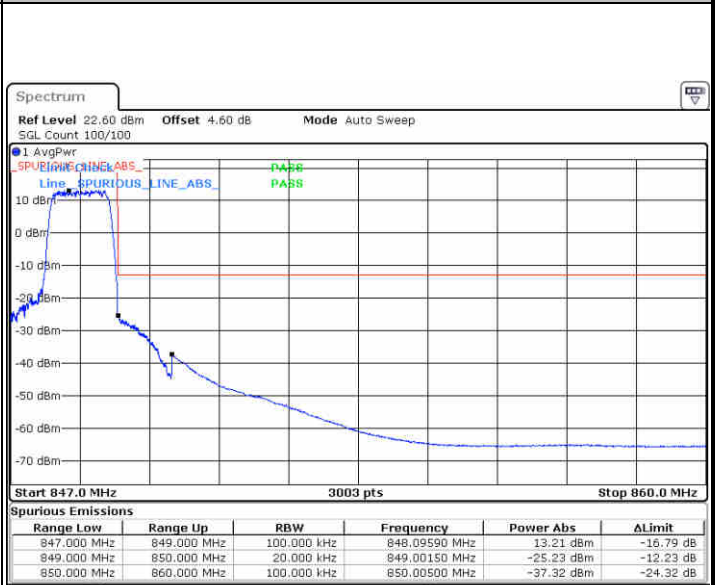
Date: 7 MAR 2020 15:09:38

Lowest Band Edge / Full RB



Date: 7 MAR 2020 15:00:40

Highest Band Edge / Full RB

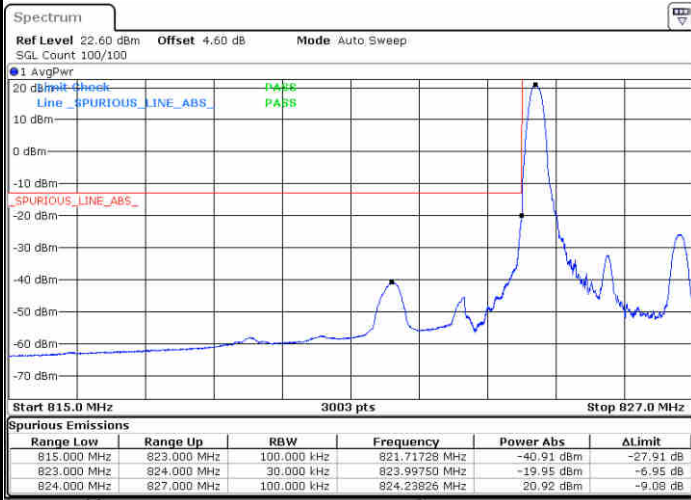


Date: 7 MAR 2020 15:08:05



LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 7 MAR 2020 15:14:34

Highest Band Edge / 1 RB



Date: 7 MAR 2020 15:31:44

Lowest Band Edge / Full RB



Date: 7 MAR 2020 15:19:53

Highest Band Edge / Full RB

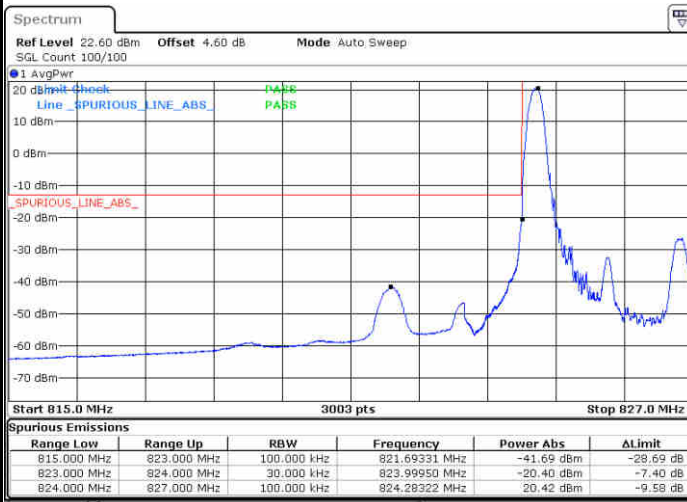


Date: 7 MAR 2020 15:23:35



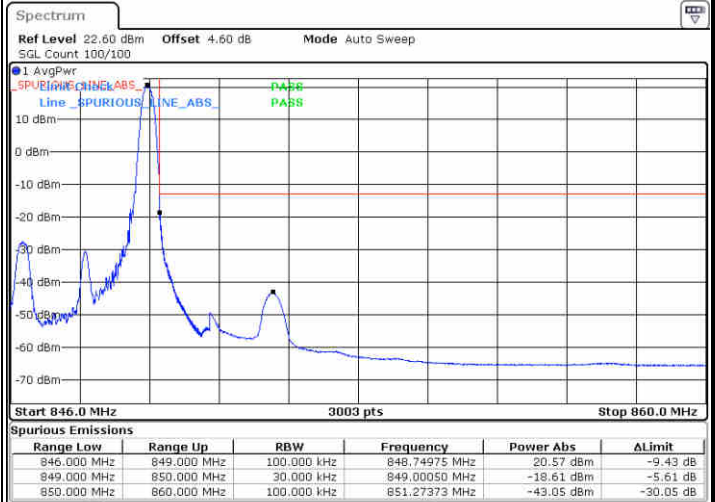
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



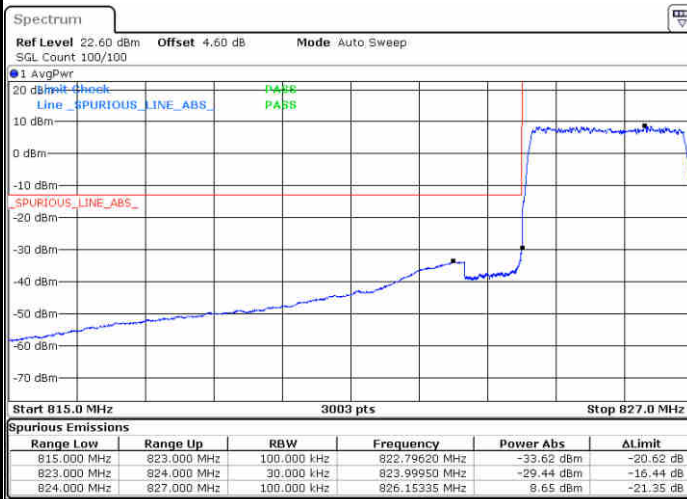
Date: 7 MAR 2020 15:15:43

Highest Band Edge / 1 RB



Date: 7 MAR 2020 15:30:34

Lowest Band Edge / Full RB



Date: 7 MAR 2020 15:18:38

Highest Band Edge / Full RB

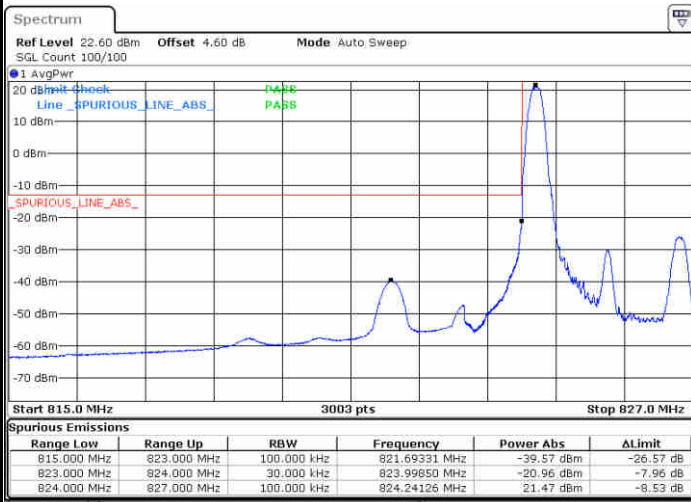


Date: 7 MAR 2020 15:25:49



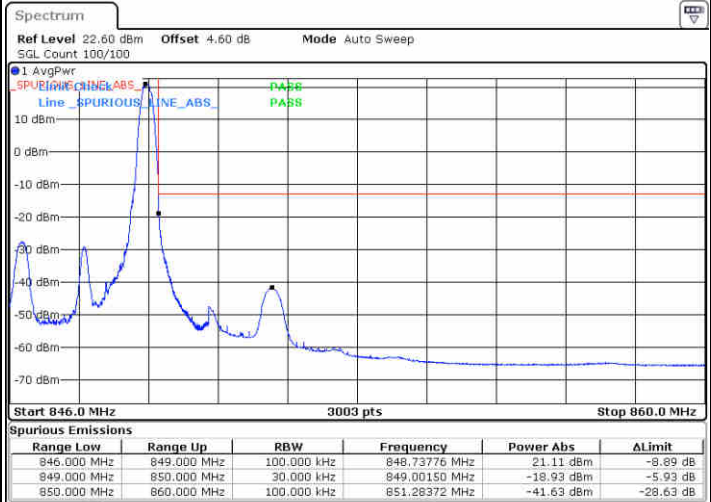
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 7 MAR 2020 15:16:39

Highest Band Edge / 1 RB



Date: 7 MAR 2020 15:29:03

Lowest Band Edge / Full RB



Date: 7 MAR 2020 15:17:44

Highest Band Edge / Full RB

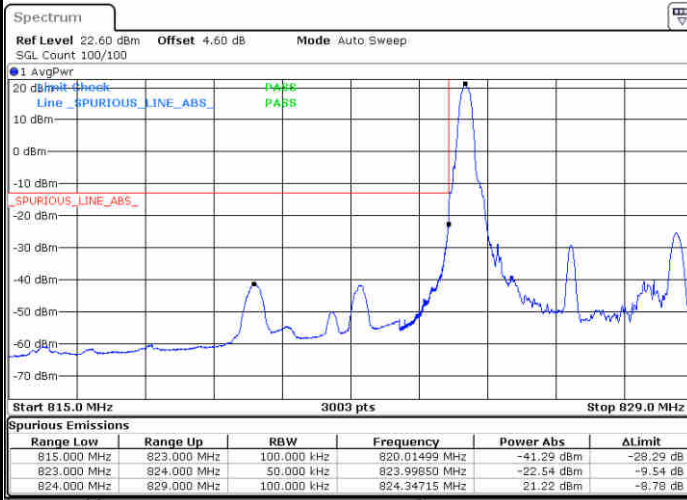


Date: 7 MAR 2020 15:27:41



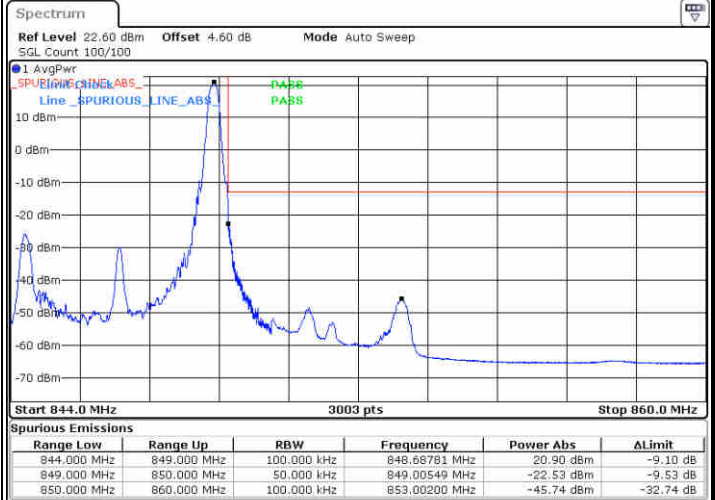
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 7 MAR 2020 15:32:40

Highest Band Edge / 1 RB



Date: 7 MAR 2020 15:44:34

Lowest Band Edge / Full RB



Date: 7 MAR 2020 15:38:16

Highest Band Edge / Full RB

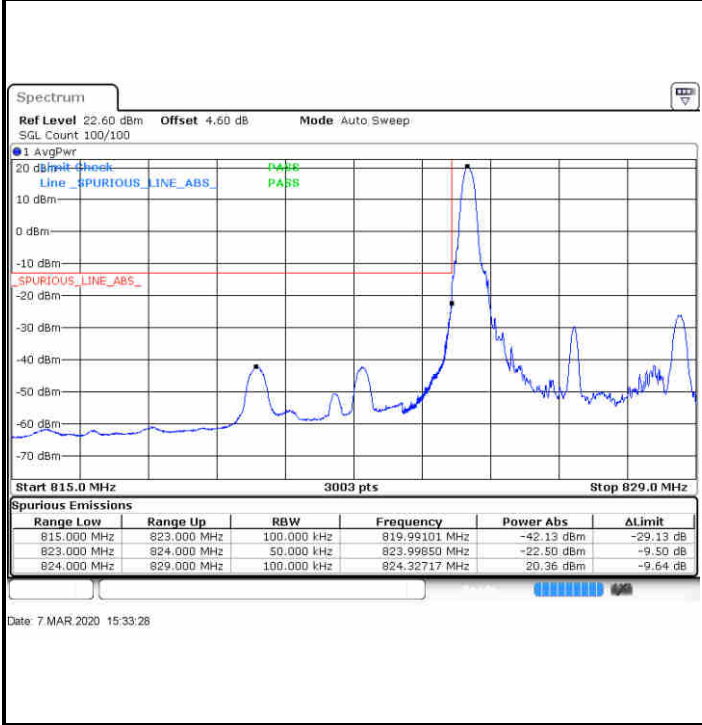


Date: 7 MAR 2020 15:39:08

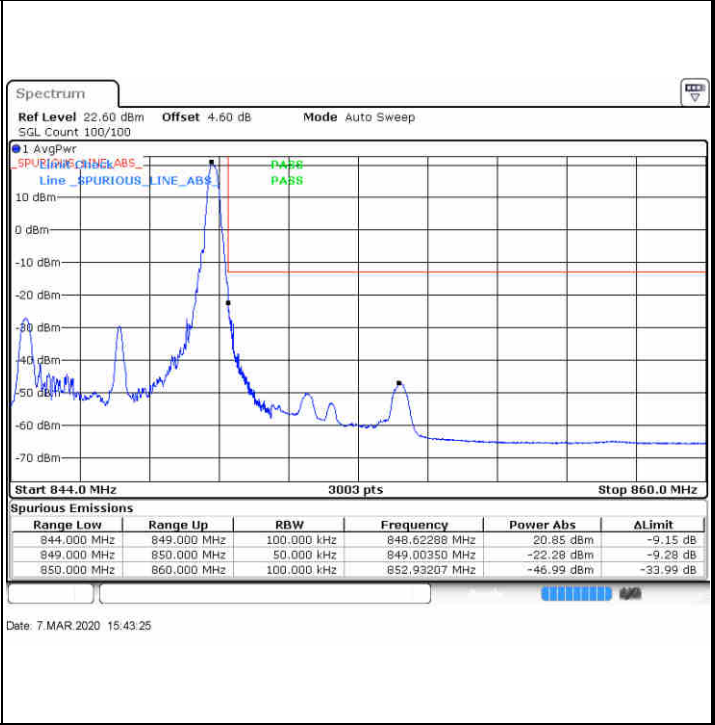


LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



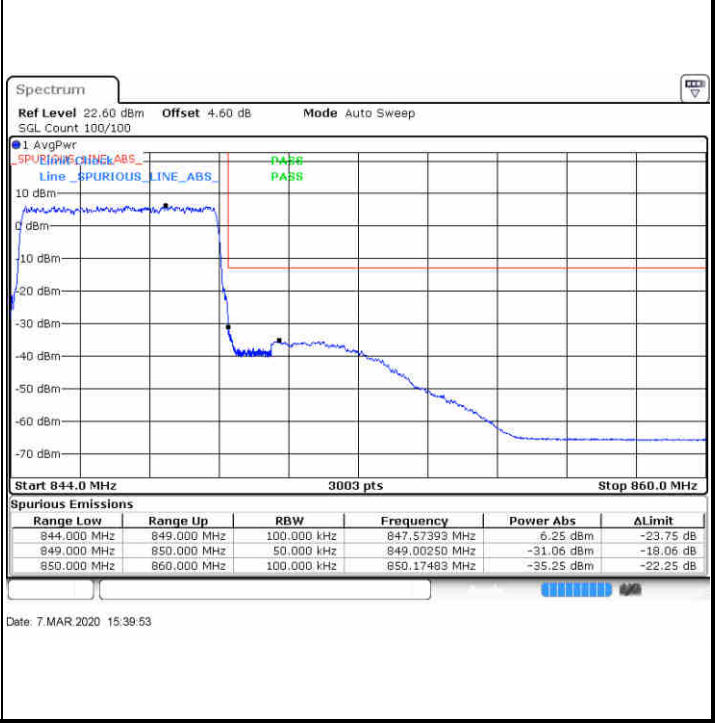
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



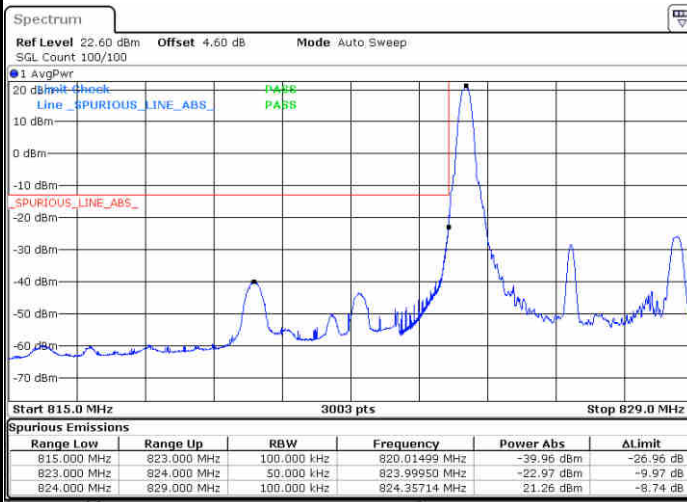
Highest Band Edge / Full RB





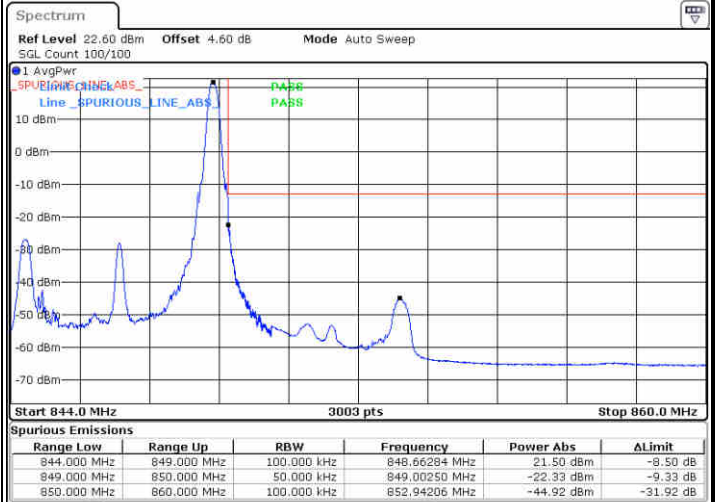
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



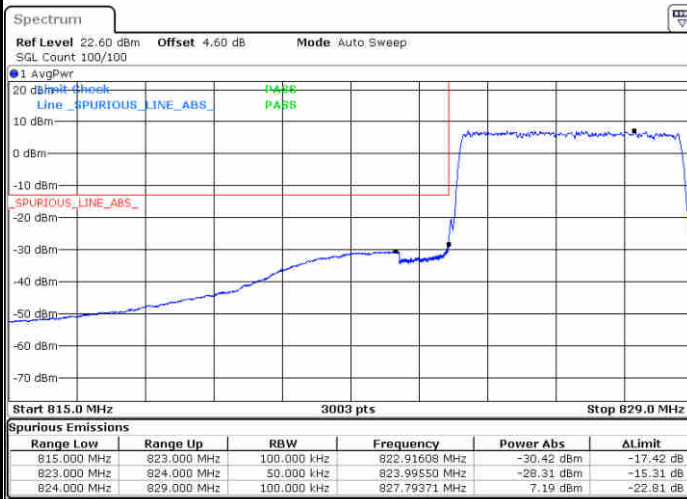
Date: 7 MAR 2020 15:34:13

Highest Band Edge / 1 RB



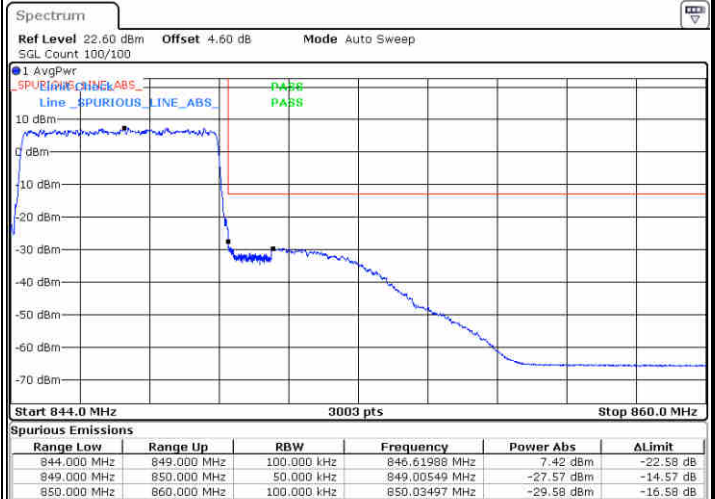
Date: 7 MAR 2020 15:42:21

Lowest Band Edge / Full RB



Date: 7 MAR 2020 15:35:44

Highest Band Edge / Full RB



Date: 7 MAR 2020 15:40:51