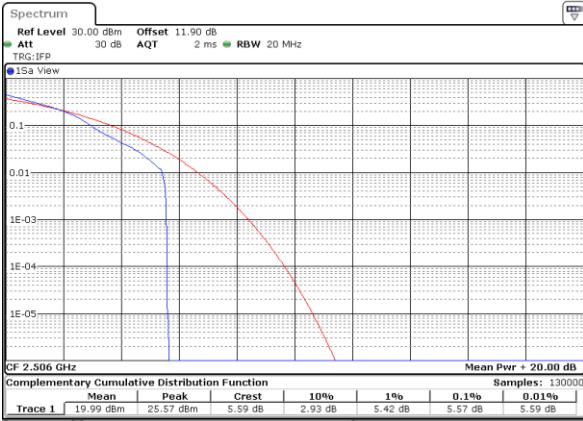




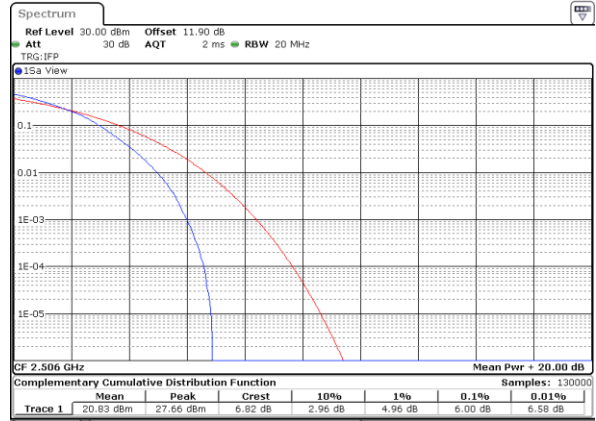
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 18 FEB 2020 08:11:03

Lowest Channel / Full RB



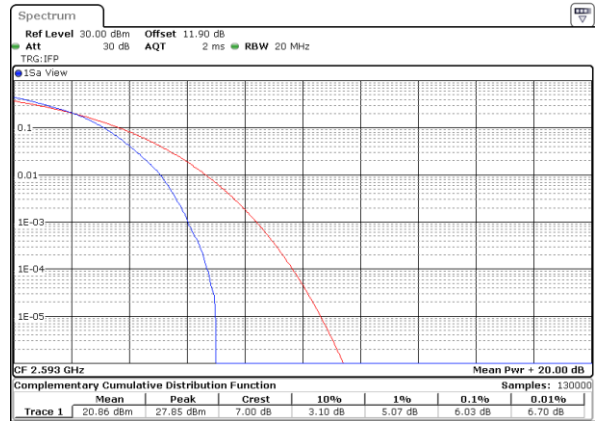
Date: 18 FEB 2020 08:11:18

Middle Channel / 1RB



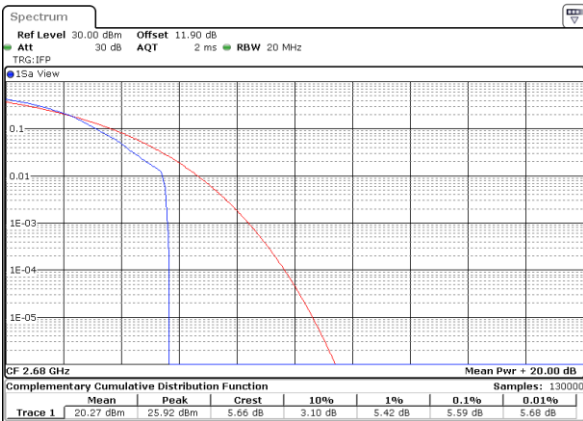
Date: 18 FEB 2020 08:11:32

Middle Channel / Full RB



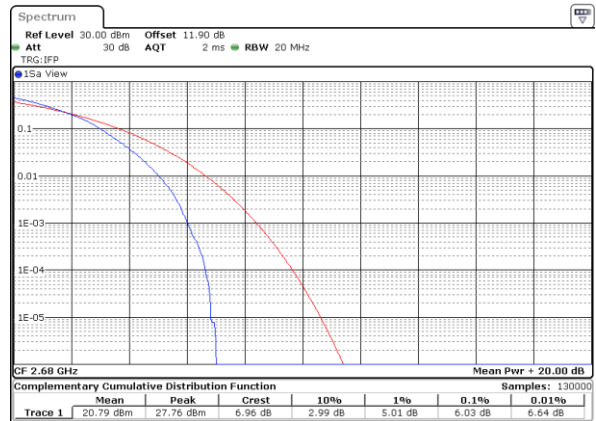
Date: 18 FEB 2020 08:11:45

Highest Channel / 1RB



Date: 18 FEB 2020 08:12:00

Highest Channel / Full RB

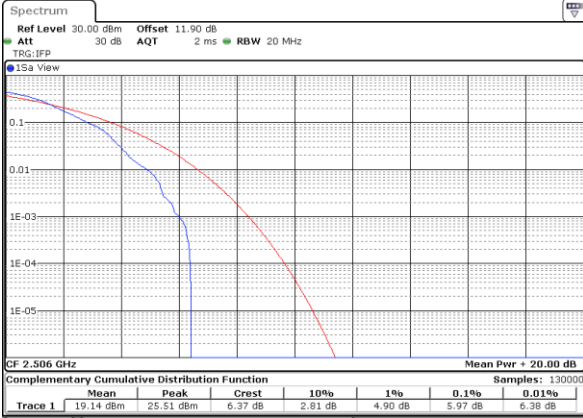


Date: 18 FEB 2020 08:12:14



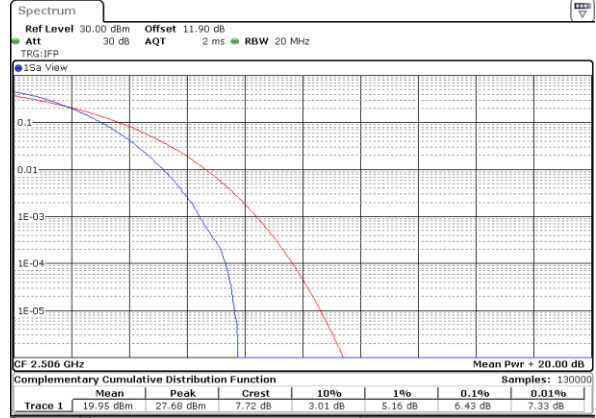
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



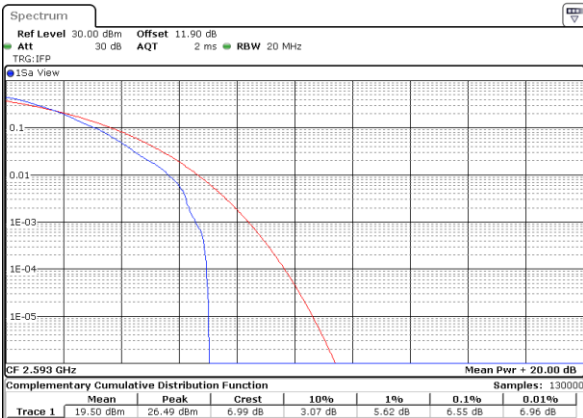
Date: 18 FEB 2020 08:09:37

Lowest Channel / Full RB



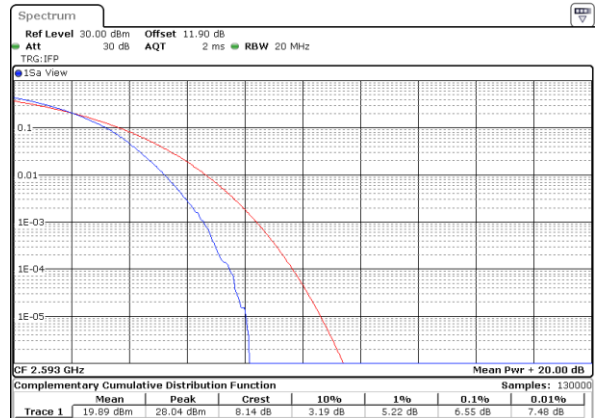
Date: 18 FEB 2020 08:09:51

Middle Channel / 1RB



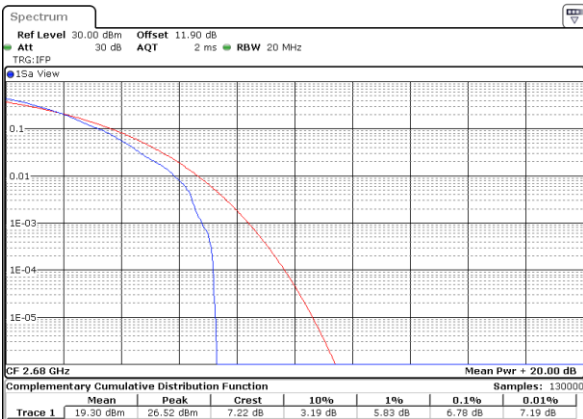
Date: 18 FEB 2020 08:10:05

Middle Channel / Full RB



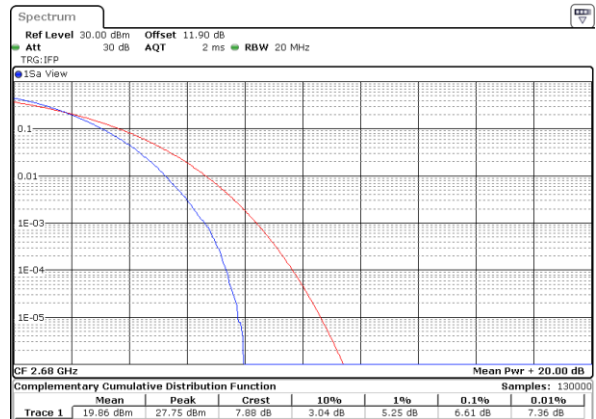
Date: 18 FEB 2020 08:10:18

Highest Channel / 1RB



Date: 18 FEB 2020 08:10:32

Highest Channel / Full RB



Date: 18 FEB 2020 08:10:48



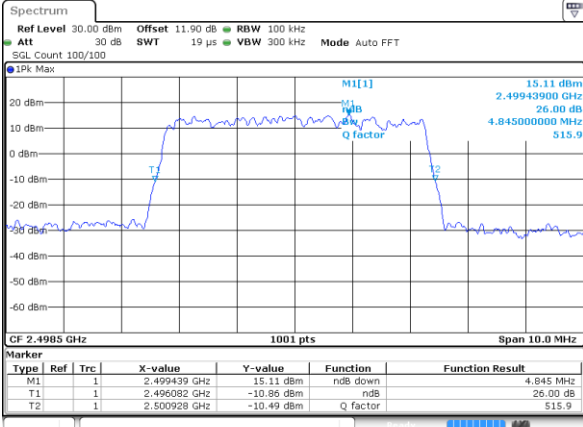
**26dB Bandwidth**

| Mode       | LTE Band 41 : 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  | -                          | -     | -     | -     | 4.85  | 4.84  | 9.65  | 9.59  | 14.18 | 14.42 | 19.10 | 18.90 |
| Middle CH  | -                          | -     | -     | -     | 4.84  | 4.77  | 9.67  | 9.71  | 14.18 | 14.30 | 18.66 | 19.06 |
| Highest CH | -                          | -     | -     | -     | 4.89  | 4.90  | 9.71  | 9.63  | 14.21 | 14.18 | 18.66 | 18.82 |
| Mode       | LTE Band 41 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                      |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                          | -     | -     | -     | 4.81  | -     | 9.81  | -     | 14.39 | -     | 18.66 | -     |
| Middle CH  | -                          | -     | -     | -     | 4.93  | -     | 9.81  | -     | 14.30 | -     | 18.70 | -     |
| Highest CH | -                          | -     | -     | -     | 4.73  | -     | 9.89  | -     | 14.12 | -     | 18.62 | -     |



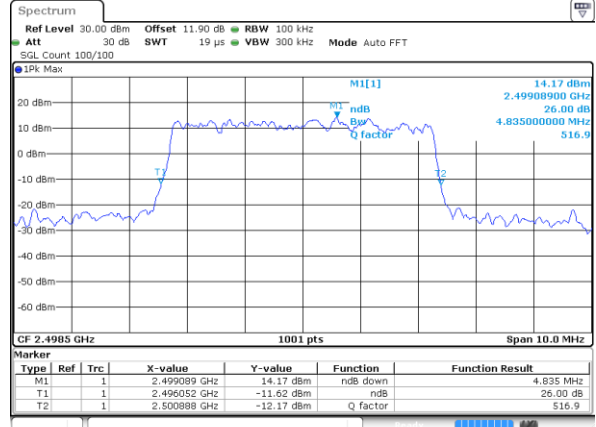
LTE Band 41

Lowest Channel / 5MHz / QPSK



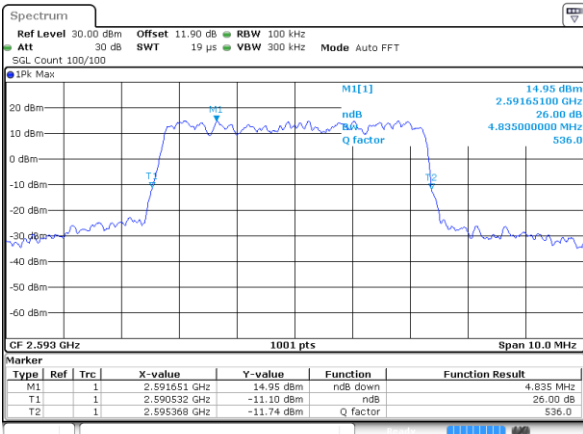
Date: 18 FEB 2020 07:55:04

Lowest Channel / 5MHz / 16QAM



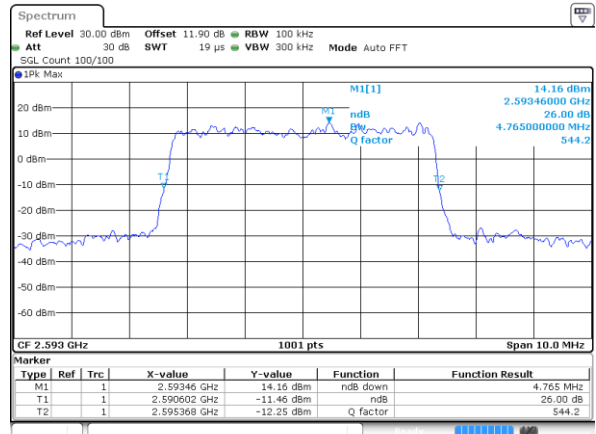
Date: 18 FEB 2020 07:55:16

Middle Channel / 5MHz / QPSK



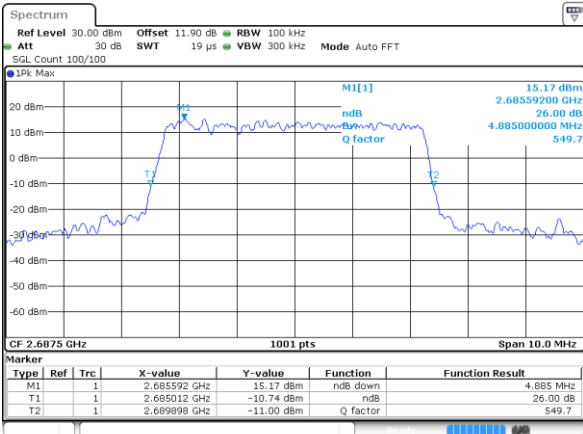
Date: 18 FEB 2020 07:55:11

Middle Channel / 5MHz / 16QAM



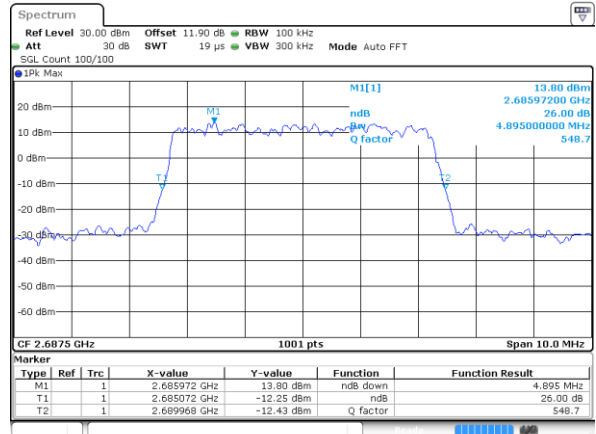
Date: 18 FEB 2020 07:56:03

Highest Channel / 5MHz / QPSK



Date: 18 FEB 2020 07:56:39

Highest Channel / 5MHz / 16QAM

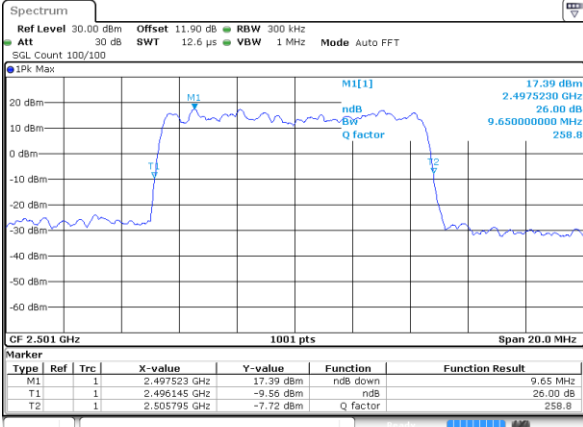


Date: 18 FEB 2020 07:56:51



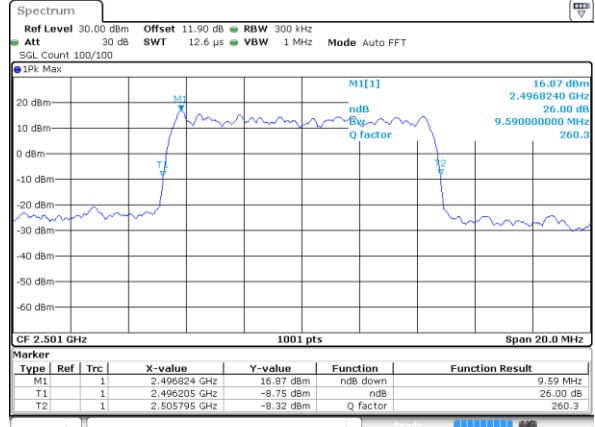
LTE Band 41

Lowest Channel / 10MHz / QPSK



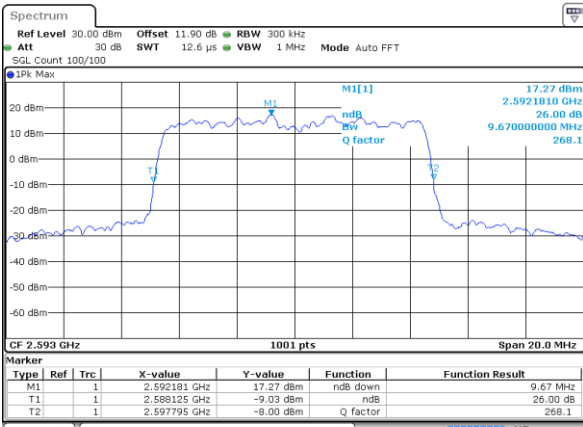
Date: 18 FEB 2020 07:57:28

Lowest Channel / 10MHz / 16QAM



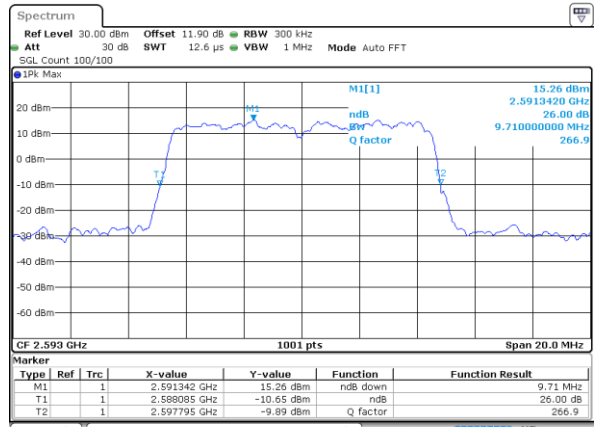
Date: 18 FEB 2020 07:57:40

Middle Channel / 10MHz / QPSK



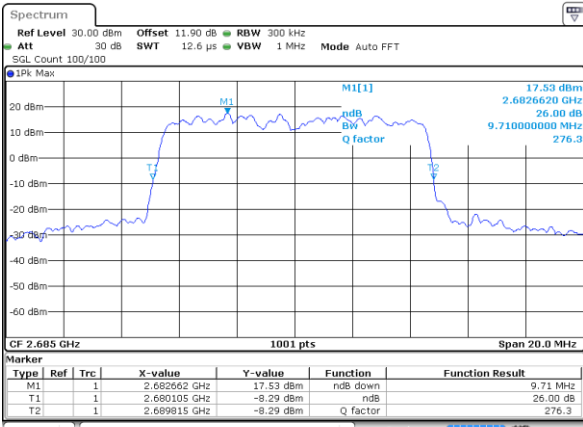
Date: 18 FEB 2020 07:58:15

Middle Channel / 10MHz / 16QAM



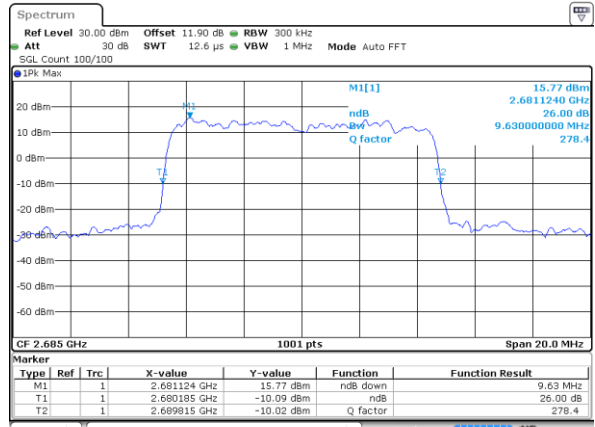
Date: 18 FEB 2020 07:58:27

Highest Channel / 10MHz / QPSK



Date: 18 FEB 2020 07:59:03

Highest Channel / 10MHz / 16QAM

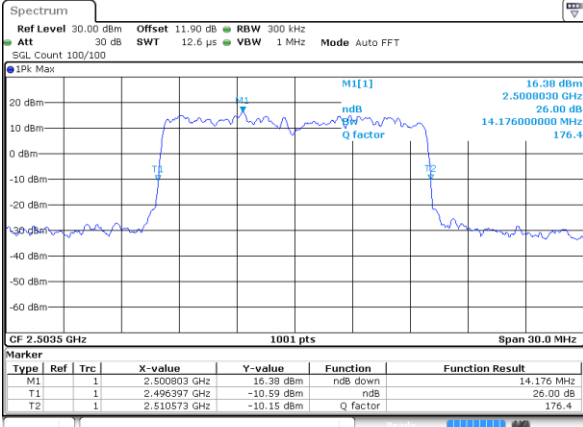


Date: 18 FEB 2020 07:59:15



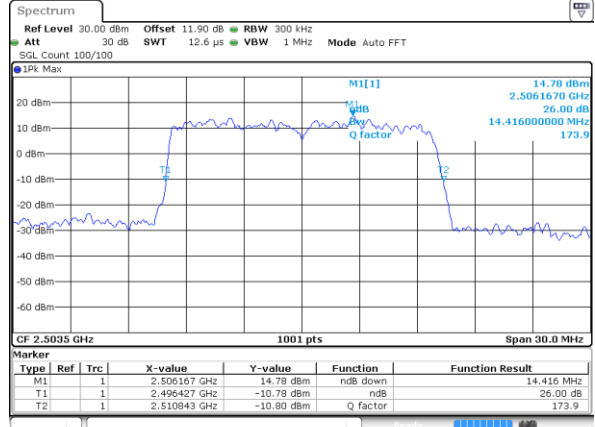
LTE Band 41

Lowest Channel / 15MHz / QPSK



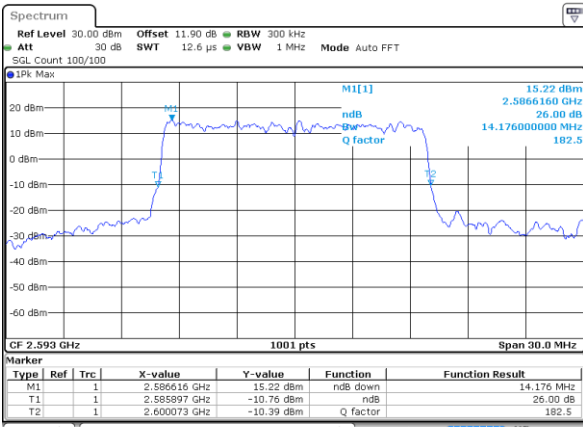
Date: 18 FEB 2020 07:59:52

Lowest Channel / 15MHz / 16QAM



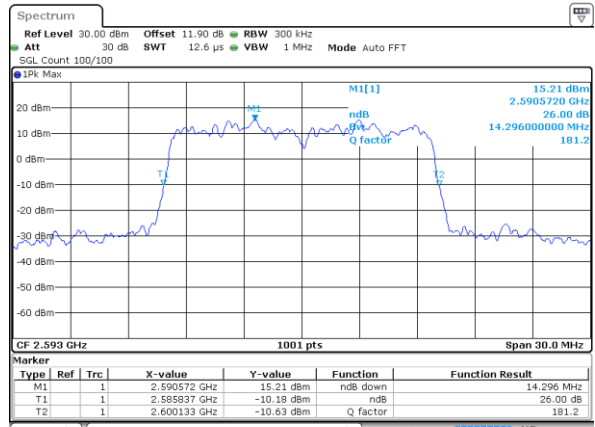
Date: 18 FEB 2020 08:00:04

Middle Channel / 15MHz / QPSK



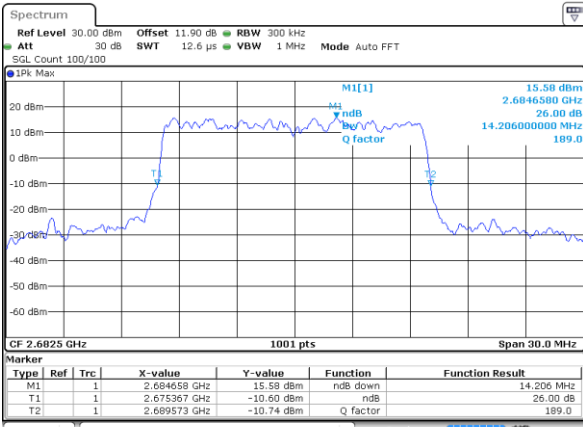
Date: 18 FEB 2020 08:00:39

Middle Channel / 15MHz / 16QAM



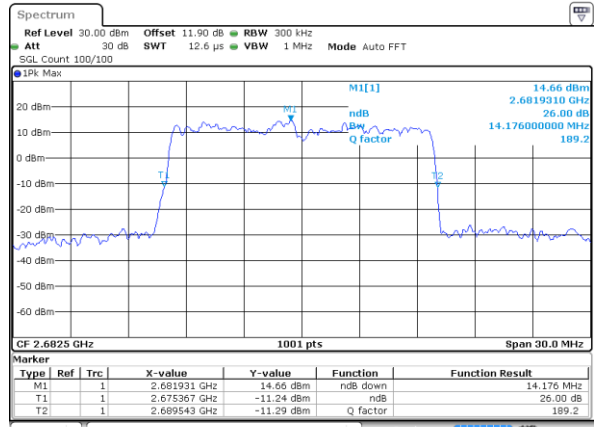
Date: 18 FEB 2020 08:00:51

Highest Channel / 15MHz / QPSK



Date: 18 FEB 2020 08:01:28

Highest Channel / 15MHz / 16QAM

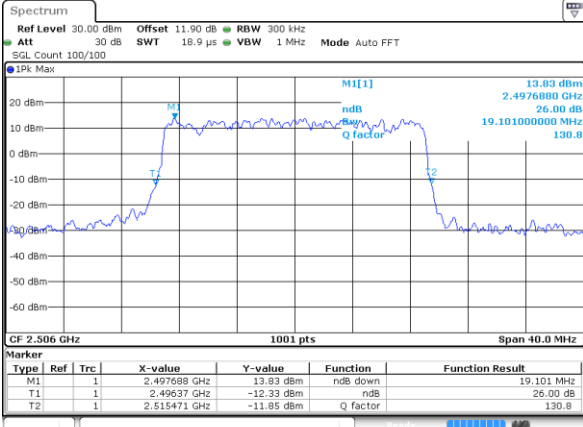


Date: 18 FEB 2020 08:01:40



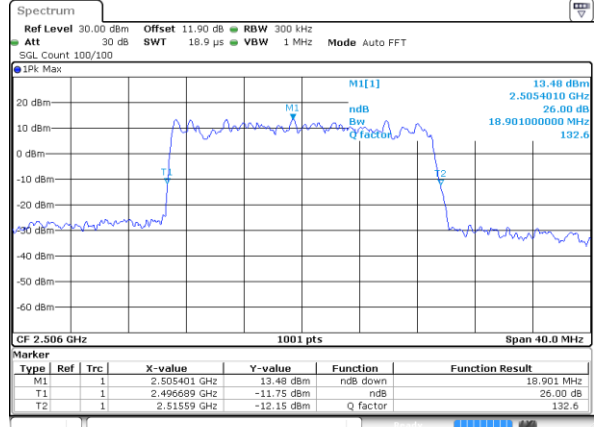
LTE Band 41

Lowest Channel / 20MHz / QPSK



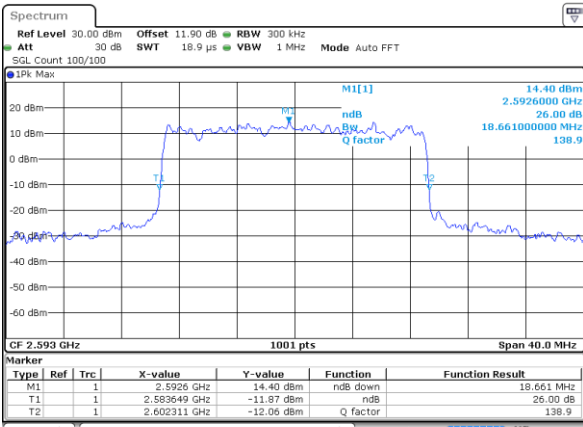
Date: 18 FEB 2020 08:02:17

Lowest Channel / 20MHz / 16QAM



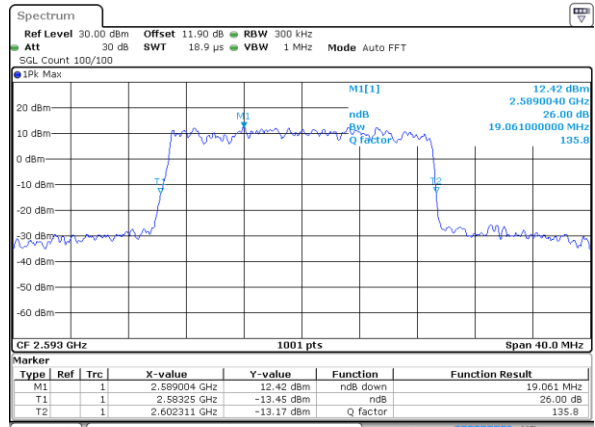
Date: 18 FEB 2020 08:02:29

Middle Channel / 20MHz / QPSK



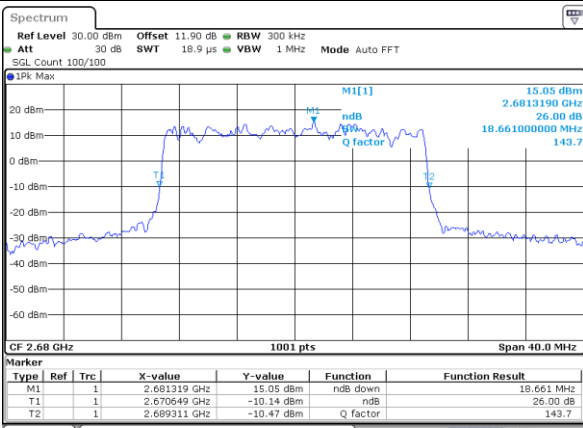
Date: 18 FEB 2020 08:03:04

Middle Channel / 20MHz / 16QAM



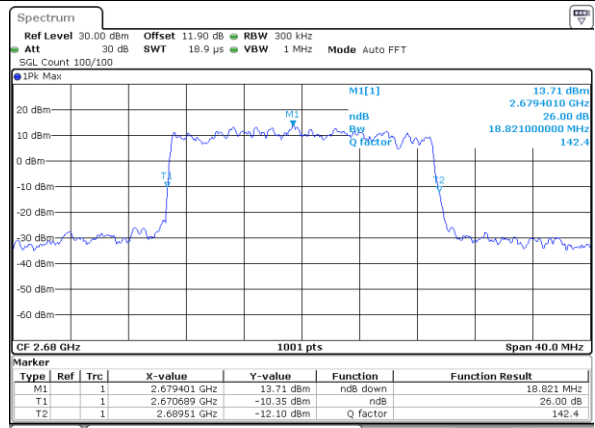
Date: 18 FEB 2020 08:03:16

Highest Channel / 20MHz / QPSK



Date: 18 FEB 2020 08:03:51

Highest Channel / 20MHz / 16QAM

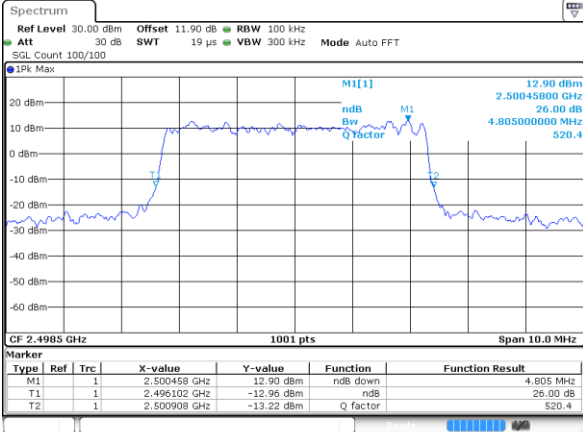


Date: 18 FEB 2020 08:04:03



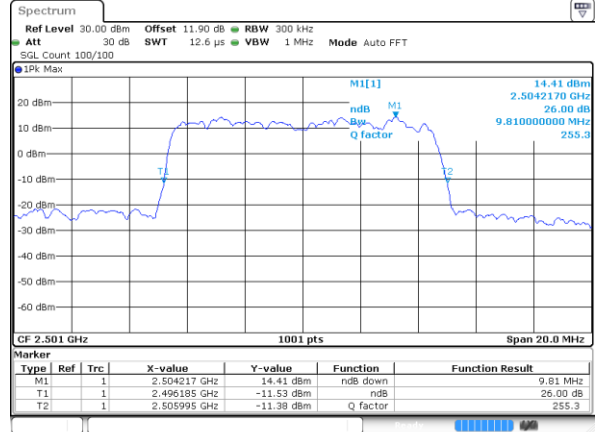
LTE Band 41

Lowest Channel / 5MHz / 64QAM



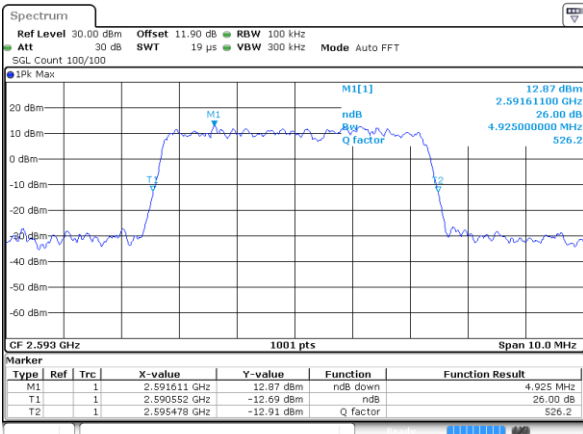
Date: 18 FEB 2020 08:04:28

Lowest Channel / 10MHz / 64QAM



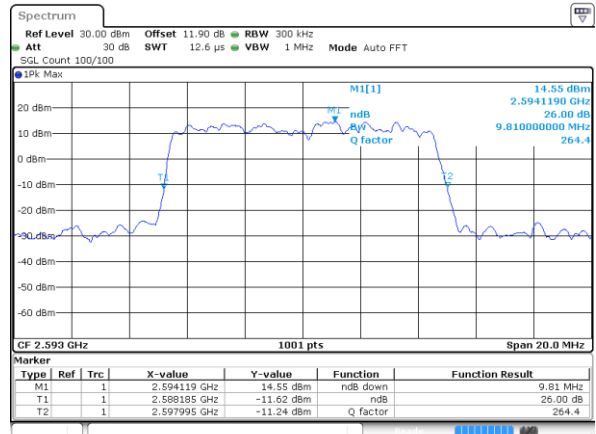
Date: 18 FEB 2020 08:05:40

Middle Channel / 5MHz / 64QAM



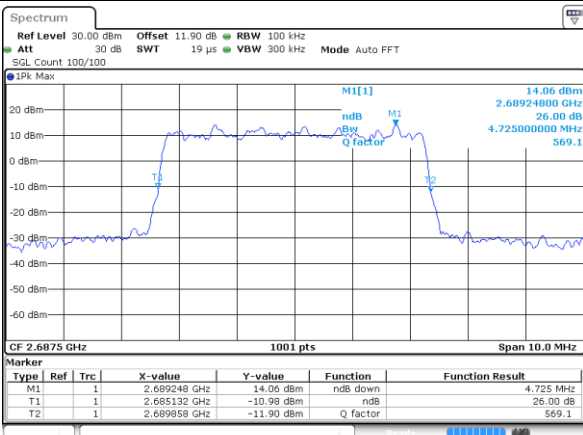
Date: 18 FEB 2020 08:04:52

Middle Channel / 10MHz / 64QAM



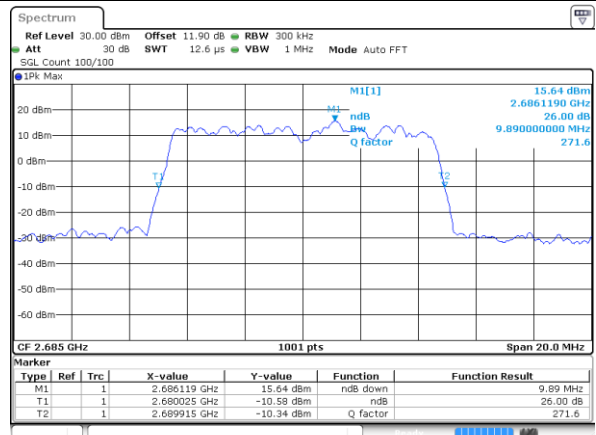
Date: 18 FEB 2020 08:06:03

Highest Channel / 5MHz / 64QAM



Date: 18 FEB 2020 08:05:15

Highest Channel / 10MHz / 64QAM



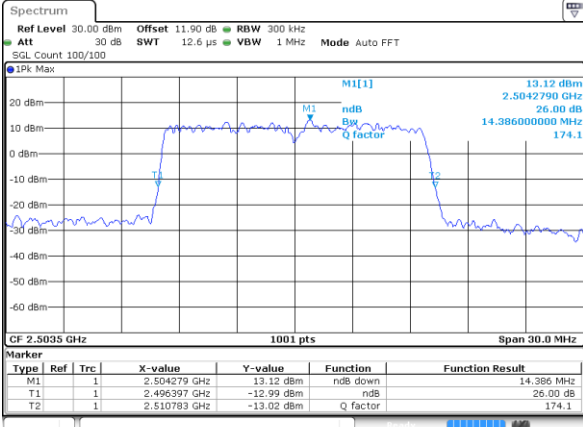
Date: 18 FEB 2020 08:06:27





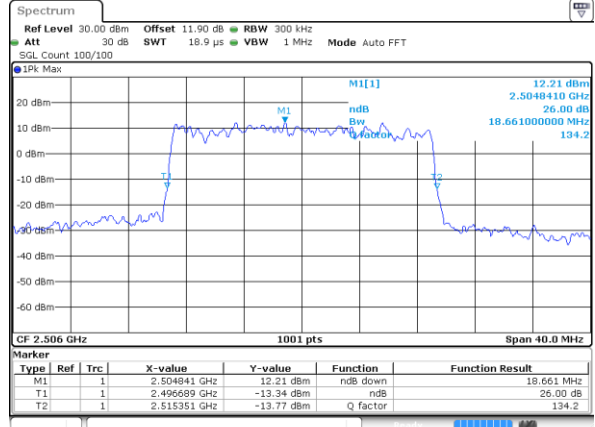
LTE Band 41

Lowest Channel / 15MHz / 64QAM



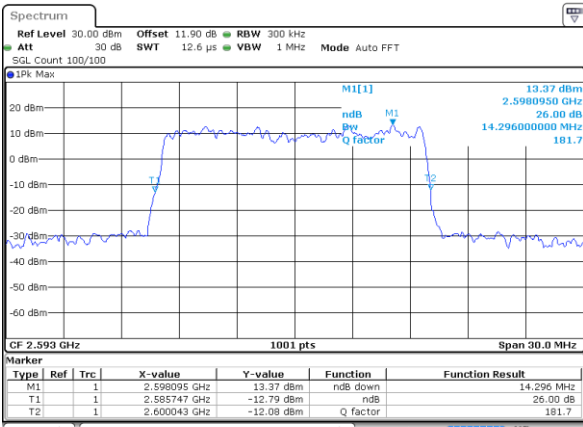
Date: 18 FEB 2020 08:06:52

Lowest Channel / 20MHz / 64QAM



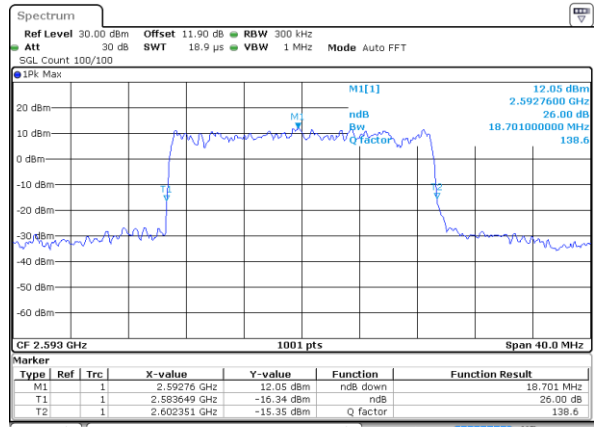
Date: 18 FEB 2020 08:08:03

Middle Channel / 15MHz / 64QAM



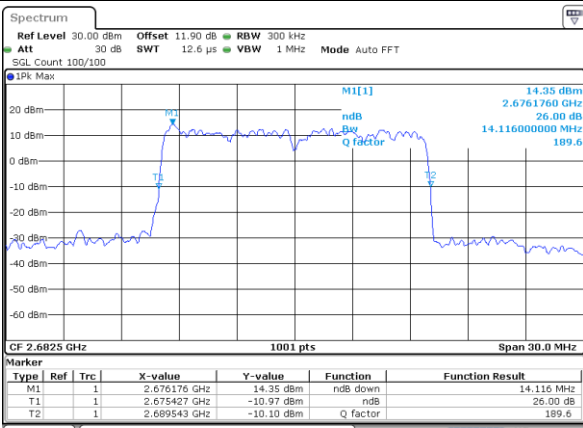
Date: 18 FEB 2020 08:07:15

Middle Channel / 20MHz / 64QAM



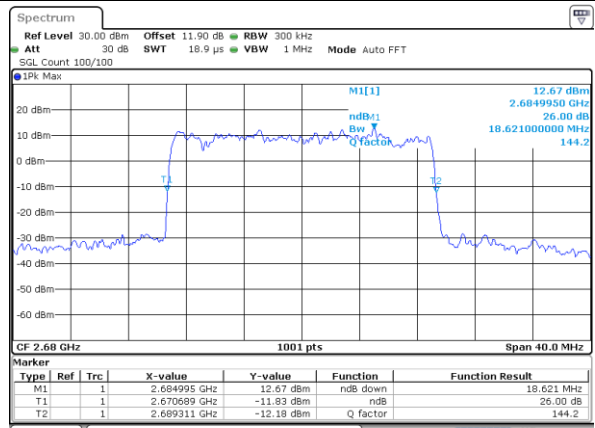
Date: 18 FEB 2020 08:08:26

Highest Channel / 15MHz / 64QAM



Date: 18 FEB 2020 08:07:39

Highest Channel / 20MHz / 64QAM



Date: 18 FEB 2020 08:08:50



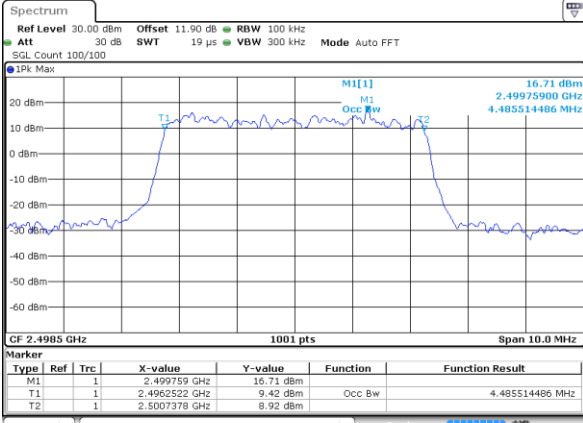
Occupied Bandwidth

| Mode       | LTE Band 41 : 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  | -                         | -     | -     | -     | 4.49  | 4.47  | 8.99  | 8.97  | 13.37 | 13.37 | 17.90 | 17.78 |
| Middle CH  | -                         | -     | -     | -     | 4.48  | 4.49  | 8.97  | 9.07  | 13.49 | 13.46 | 17.94 | 17.82 |
| Highest CH | -                         | -     | -     | -     | 4.48  | 4.48  | 9.05  | 9.05  | 13.40 | 13.43 | 17.86 | 17.90 |
| Mode       | LTE Band 41 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                         | -     | -     | -     | 4.50  | -     | 9.05  | -     | 13.34 | -     | 17.78 | -     |
| Middle CH  | -                         | -     | -     | -     | 4.47  | -     | 9.03  | -     | 13.43 | -     | 17.82 | -     |
| Highest CH | -                         | -     | -     | -     | 4.51  | -     | 8.97  | -     | 13.43 | -     | 17.94 | -     |



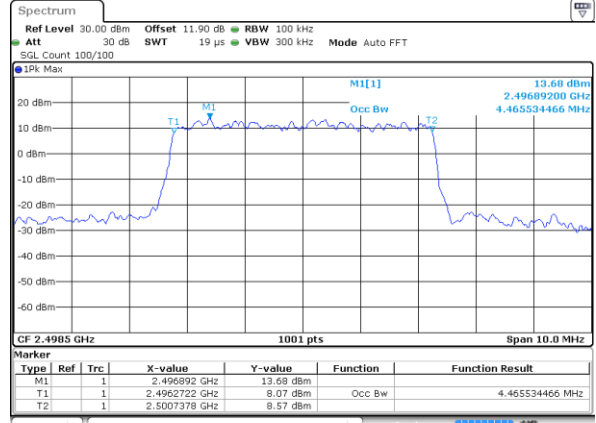
LTE Band 41

Lowest Channel / 5MHz / QPSK



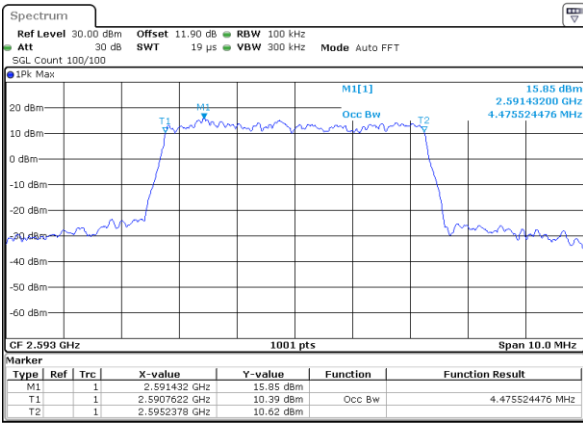
Date: 18 FEB 2020 07:54 40

Lowest Channel / 5MHz / 16QAM



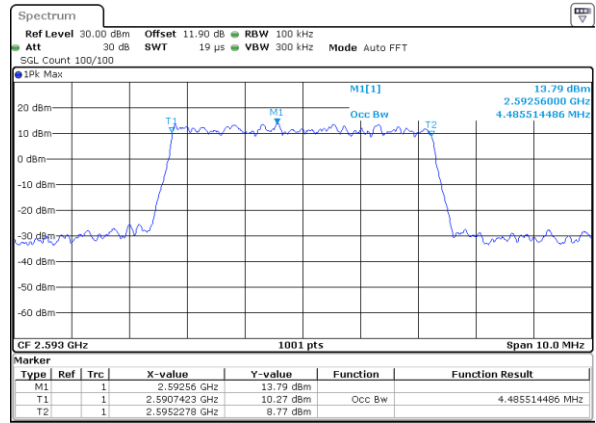
Date: 18 FEB 2020 07:54 52

Middle Channel / 5MHz / QPSK



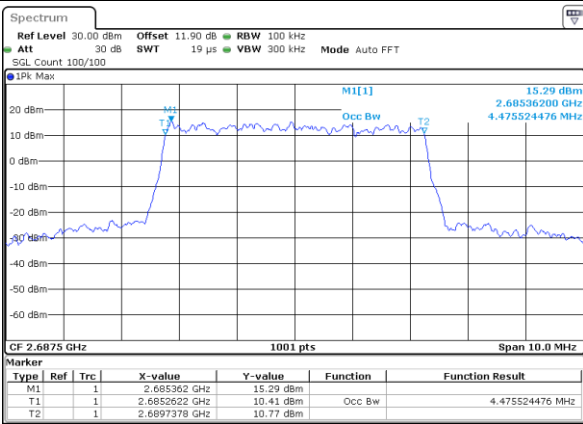
Date: 18 FEB 2020 07:55 28

Middle Channel / 5MHz / 16QAM



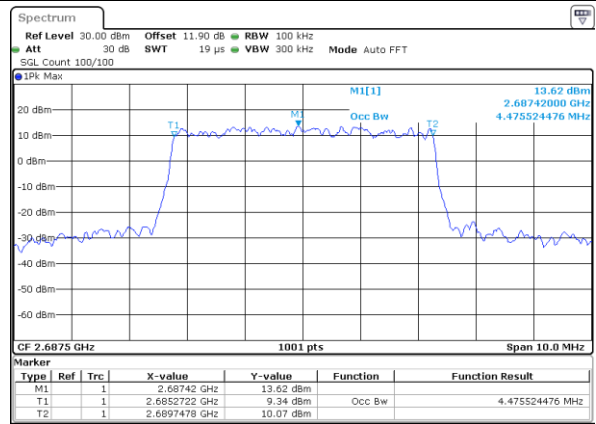
Date: 18 FEB 2020 07:55 40

Highest Channel / 5MHz / QPSK



Date: 18 FEB 2020 07:56 15

Highest Channel / 5MHz / 16QAM

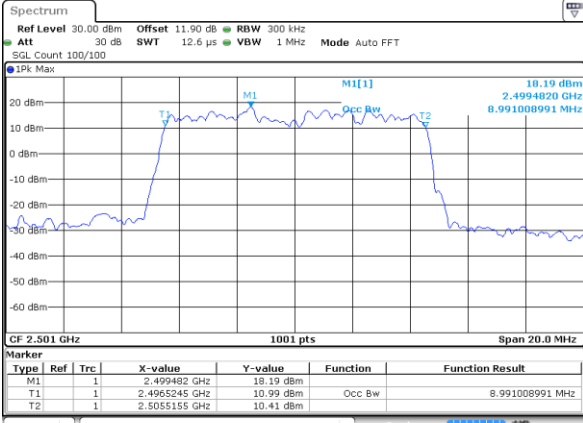


Date: 18 FEB 2020 07:56 27



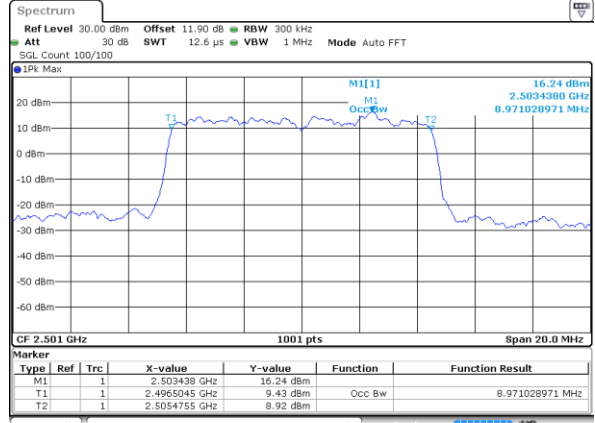
LTE Band 41

Lowest Channel / 10MHz / QPSK



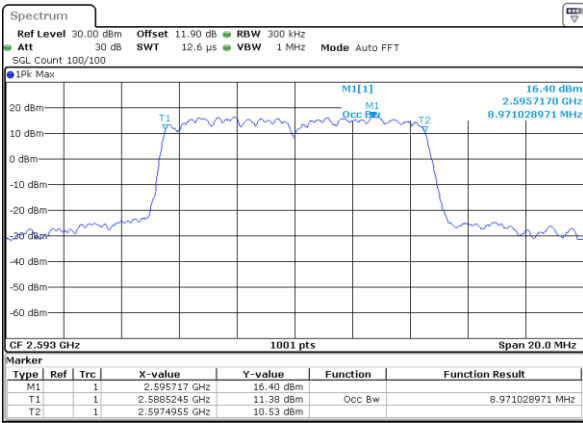
Date: 18 FEB 2020 07:57:04

Lowest Channel / 10MHz / 16QAM



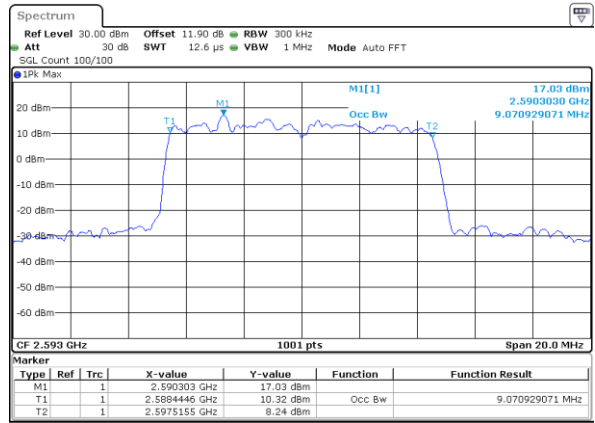
Date: 18 FEB 2020 07:57:16

Middle Channel / 10MHz / QPSK



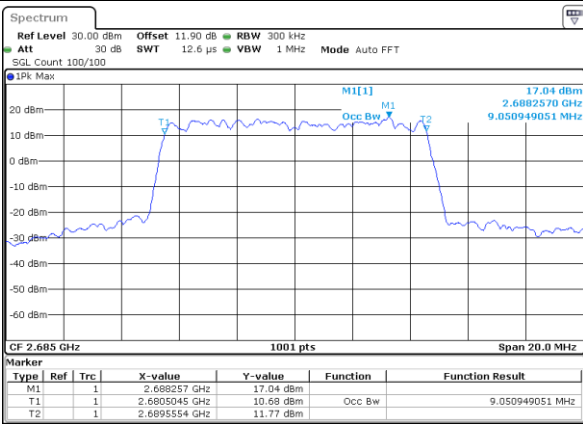
Date: 18 FEB 2020 07:57:52

Middle Channel / 10MHz / 16QAM



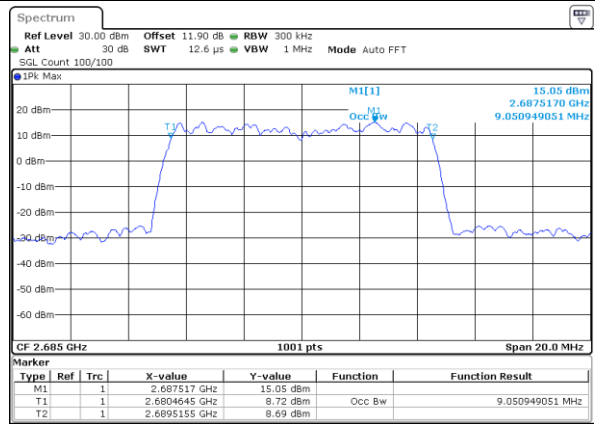
Date: 18 FEB 2020 07:58:04

Highest Channel / 10MHz / QPSK



Date: 18 FEB 2020 07:58:39

Highest Channel / 10MHz / 16QAM

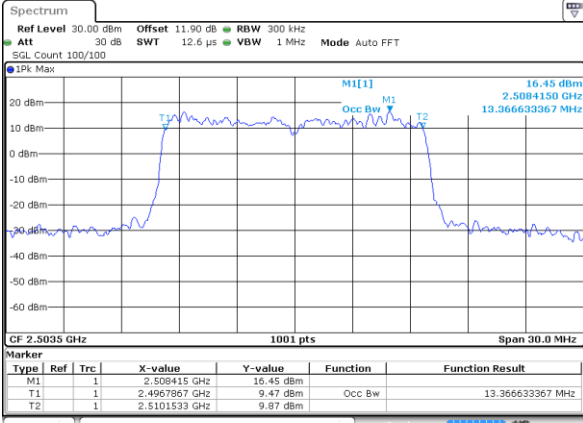


Date: 18 FEB 2020 07:58:51



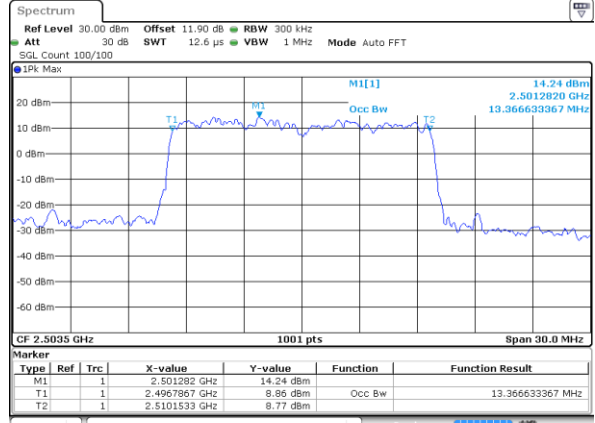
LTE Band 41

Lowest Channel / 15MHz / QPSK



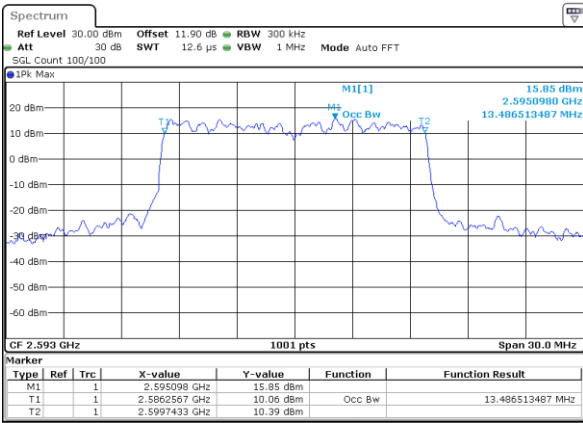
Date: 18 FEB 2020 07:59:28

Lowest Channel / 15MHz / 16QAM



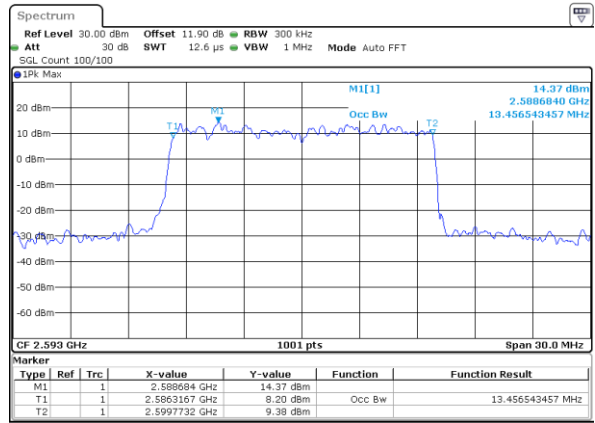
Date: 18 FEB 2020 07:59:40

Middle Channel / 15MHz / QPSK



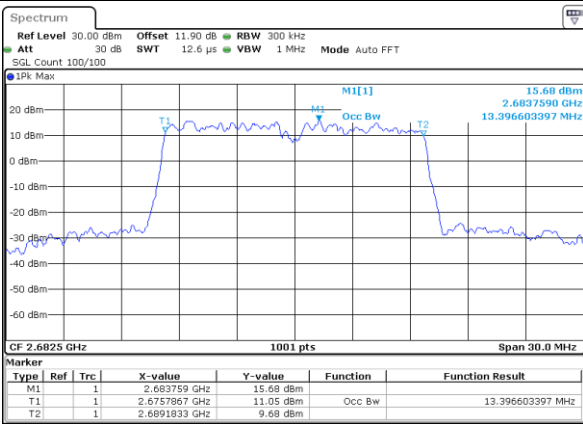
Date: 18 FEB 2020 08:00:16

Middle Channel / 15MHz / 16QAM



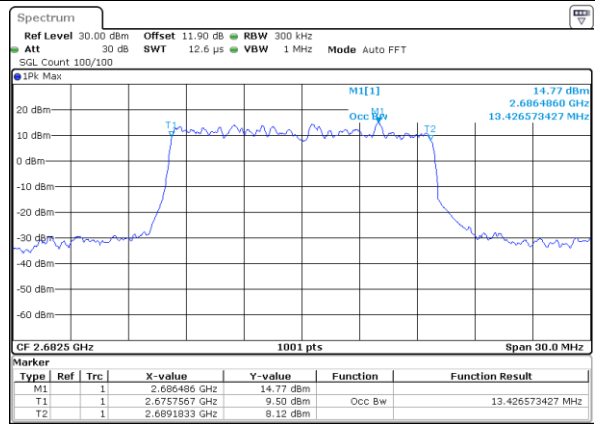
Date: 18 FEB 2020 08:00:28

Highest Channel / 15MHz / QPSK



Date: 18 FEB 2020 08:01:03

Highest Channel / 15MHz / 16QAM

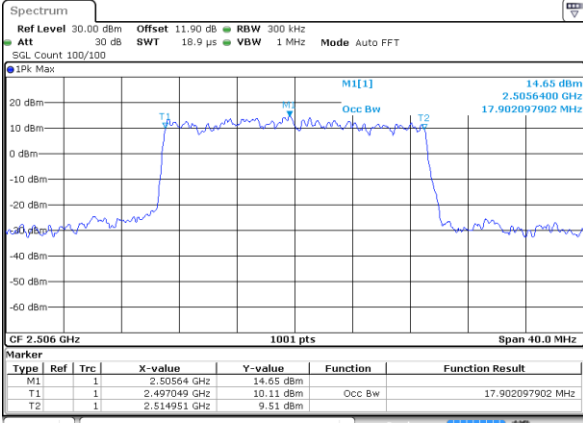


Date: 18 FEB 2020 08:01:15

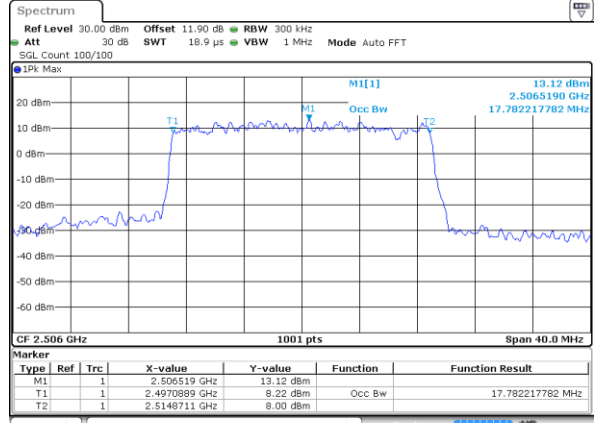


LTE Band 41

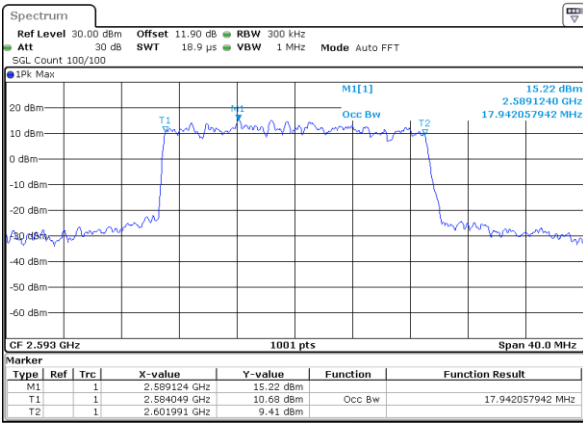
Lowest Channel / 20MHz / QPSK



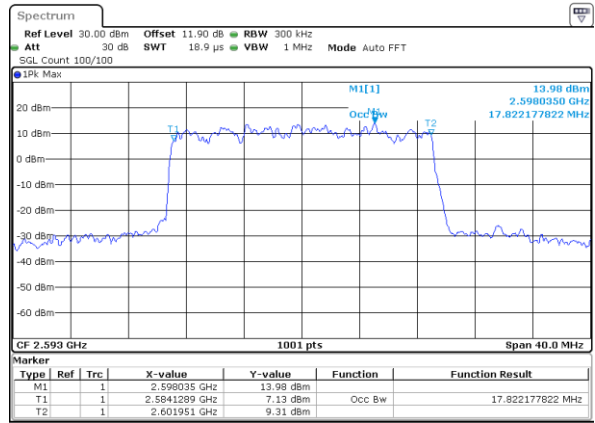
Lowest Channel / 20MHz / 16QAM



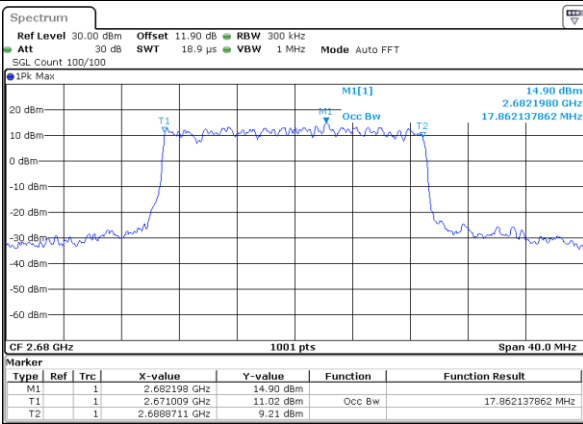
Middle Channel / 20MHz / QPSK



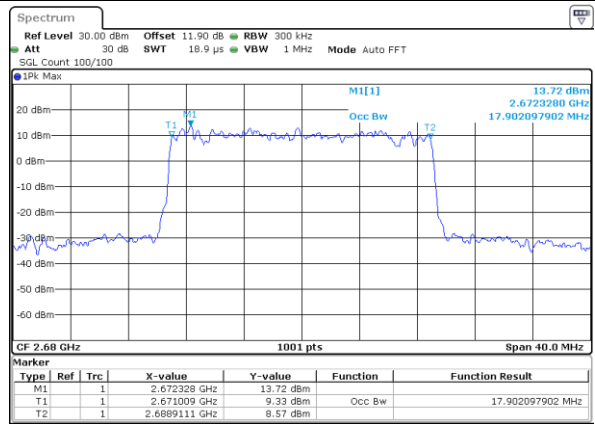
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



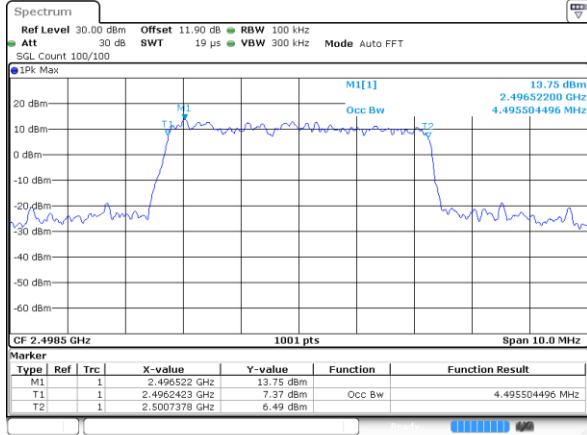
Highest Channel / 20MHz / 16QAM





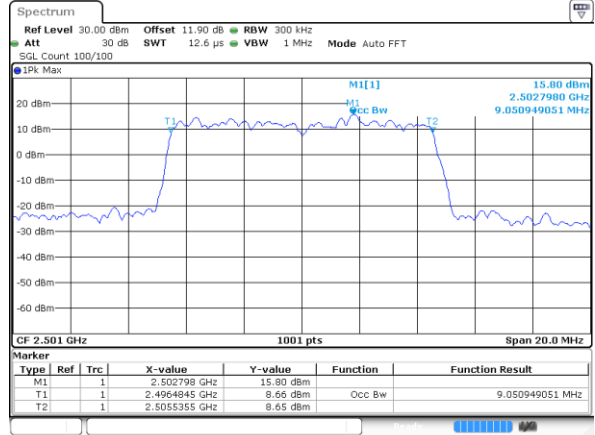
LTE Band 41

Lowest Channel / 5MHz / 64QAM



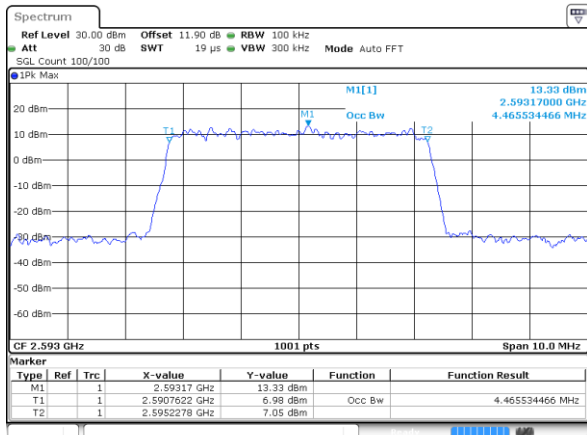
Date: 18 FEB 2020 08:04:16

Lowest Channel / 10MHz / 64QAM



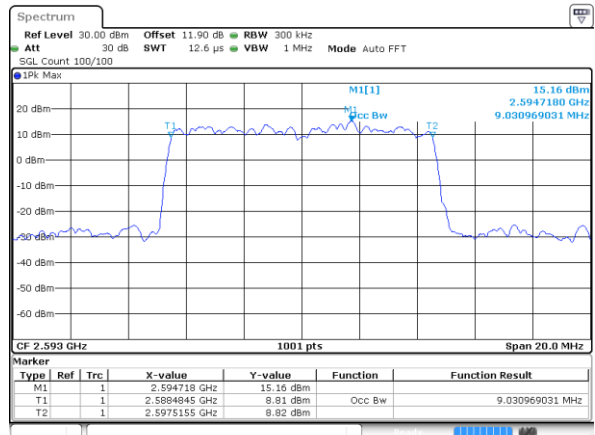
Date: 18 FEB 2020 08:05:28

Middle Channel / 5MHz / 64QAM



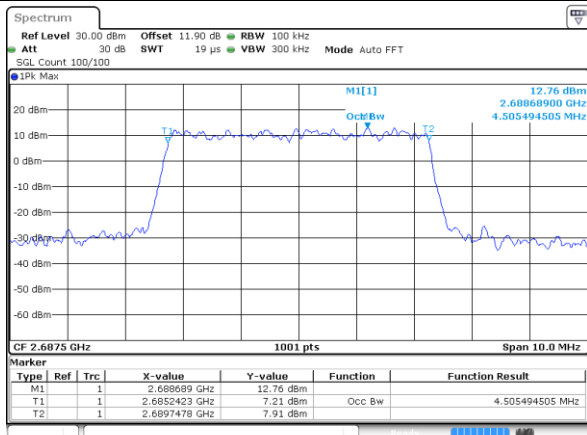
Date: 18 FEB 2020 08:04:40

Middle Channel / 10MHz / 64QAM



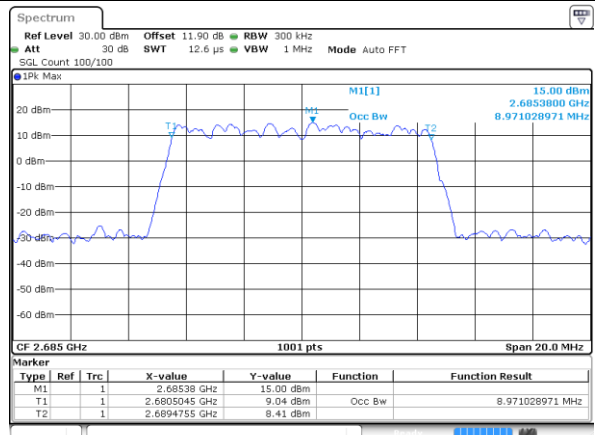
Date: 18 FEB 2020 08:05:52

Highest Channel / 5MHz / 64QAM



Date: 18 FEB 2020 08:05:03

Highest Channel / 10MHz / 64QAM

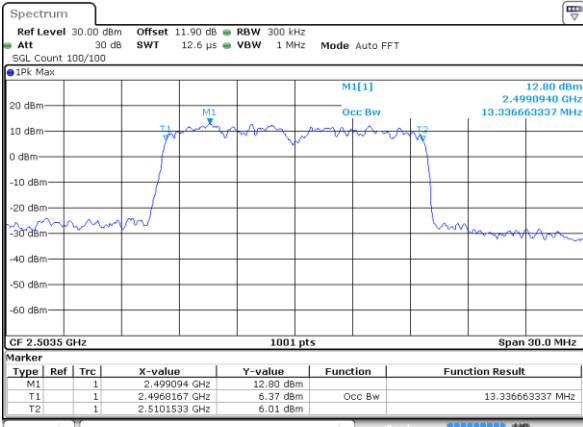


Date: 18 FEB 2020 08:06:15



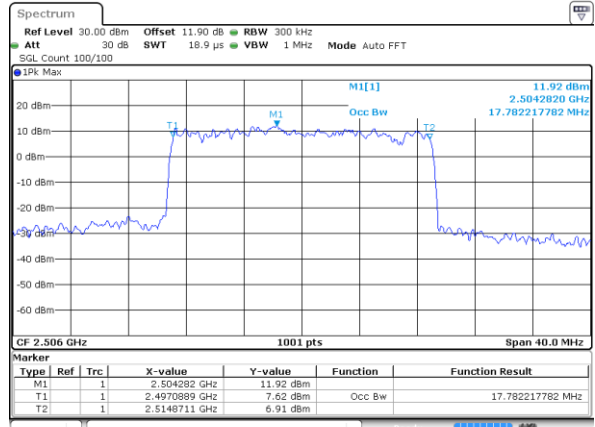
LTE Band 41

Lowest Channel / 15MHz / 64QAM



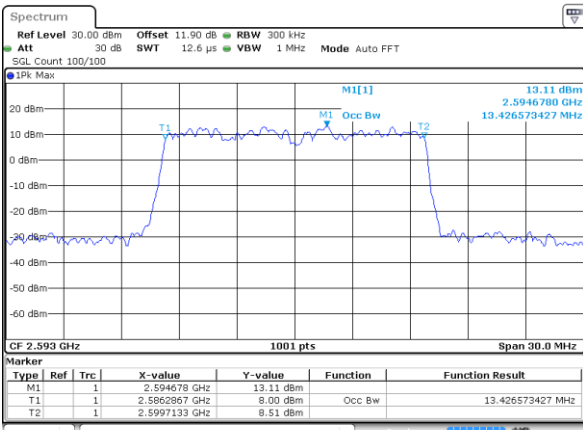
Date: 18 FEB 2020 08:06:40

Lowest Channel / 20MHz / 64QAM



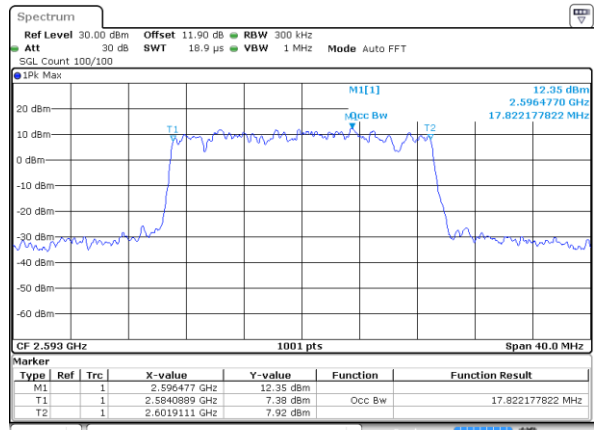
Date: 18 FEB 2020 08:07:51

Middle Channel / 15MHz / 64QAM



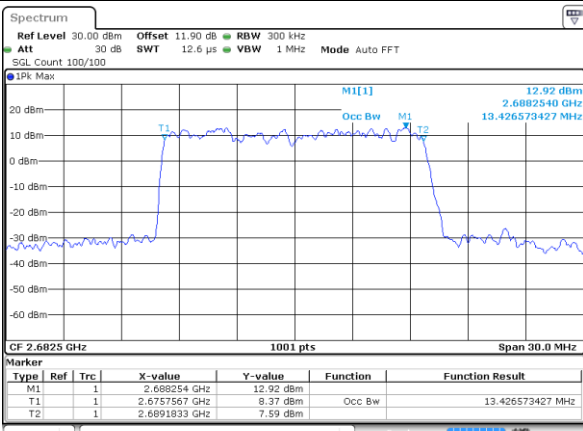
Date: 18 FEB 2020 08:07:03

Middle Channel / 20MHz / 64QAM



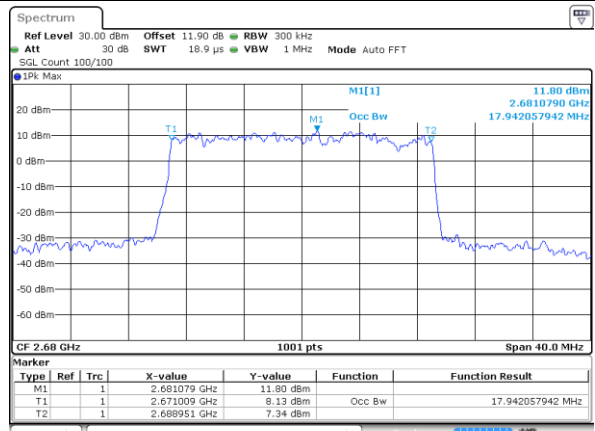
Date: 18 FEB 2020 08:08:15

Highest Channel / 15MHz / 64QAM



Date: 18 FEB 2020 08:07:27

Highest Channel / 20MHz / 64QAM



Date: 18 FEB 2020 08:08:38

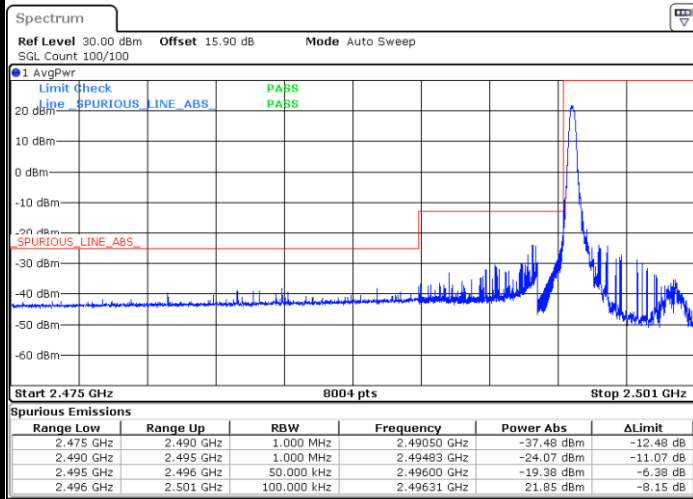




# Conducted Band Edge

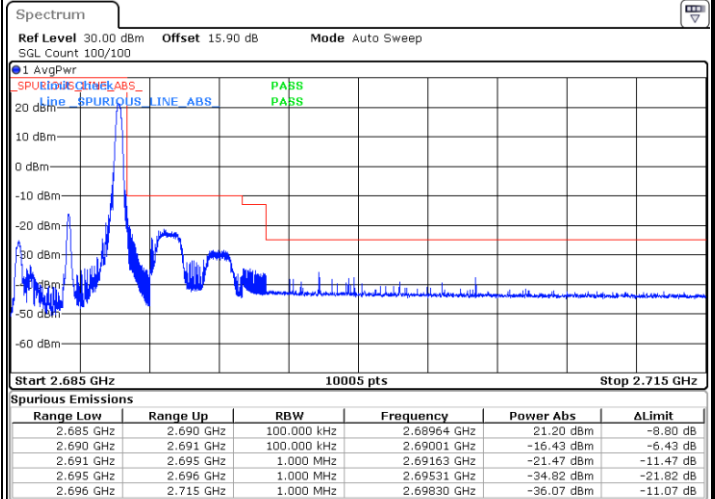
## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



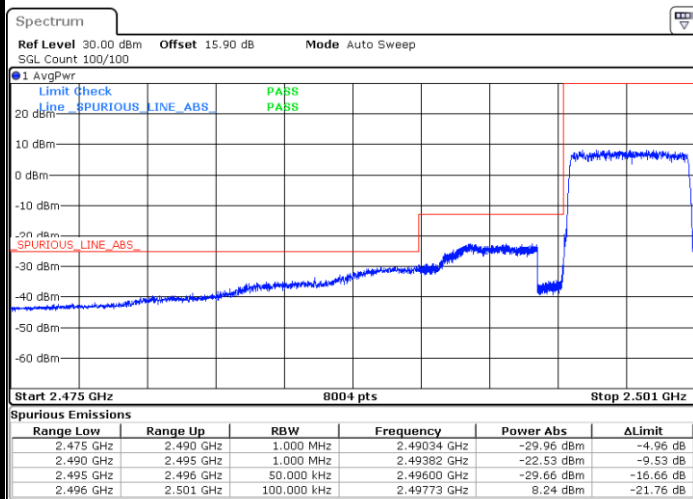
Date: 18.FEB.2020 06:51:54

### Highest Band Edge / 1 RB



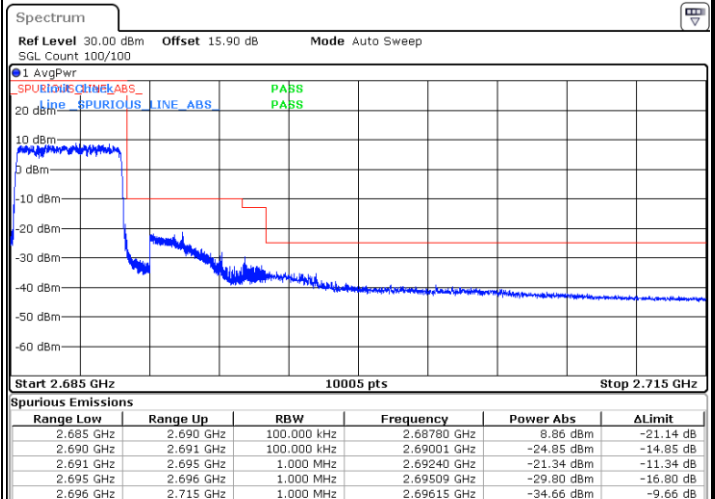
Date: 18.FEB.2020 06:54:36

### Lowest Band Edge / Full RB



Date: 18.FEB.2020 06:53:16

### Highest Band Edge / Full RB

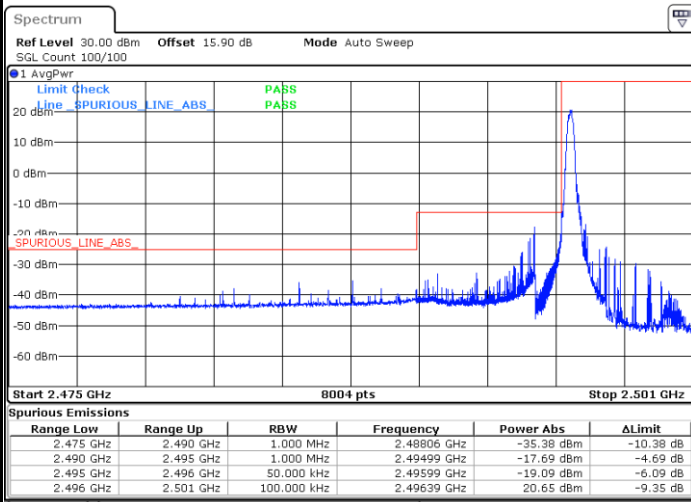


Date: 18.FEB.2020 06:55:58



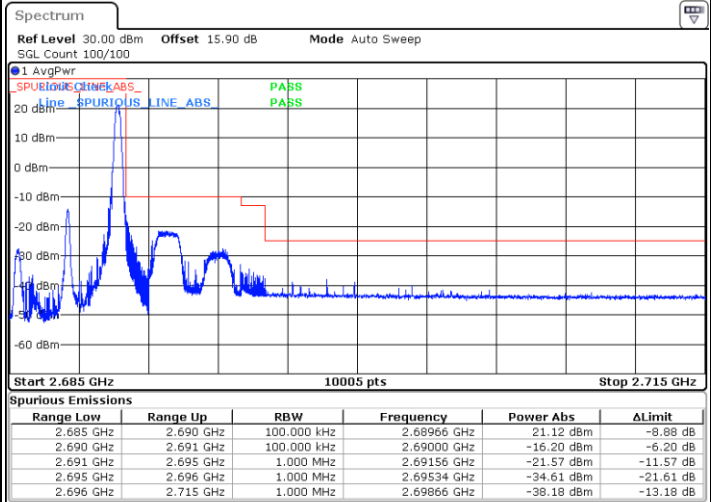
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



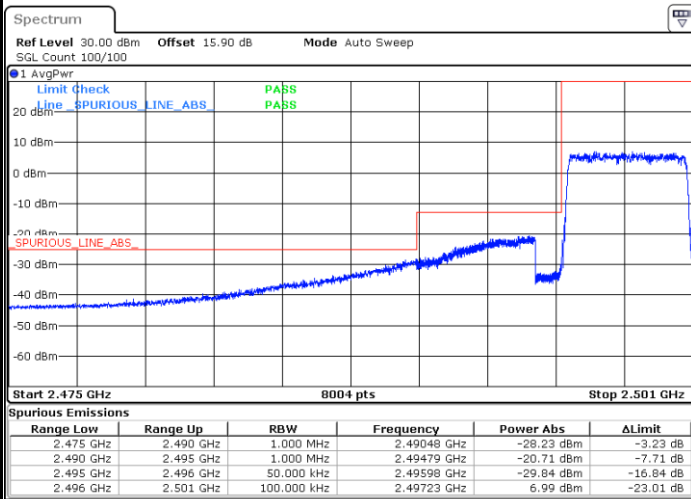
Date: 18.FEB.2020 06:52:35

Highest Band Edge / 1 RB



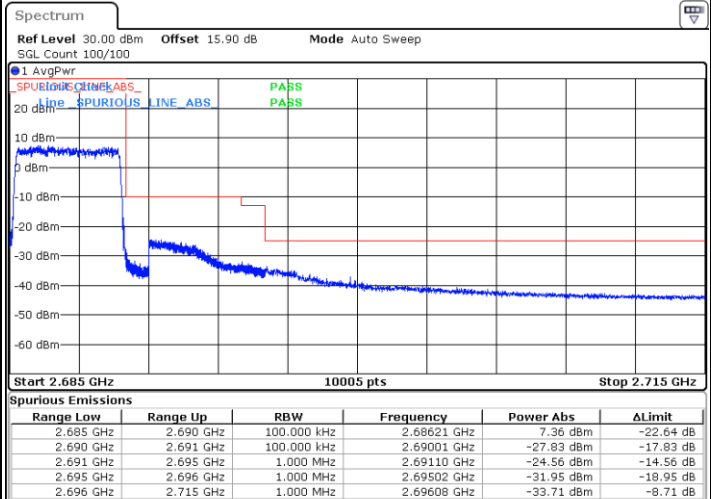
Date: 18.FEB.2020 06:55:17

Lowest Band Edge / Full RB



Date: 18.FEB.2020 06:53:56

Highest Band Edge / Full RB

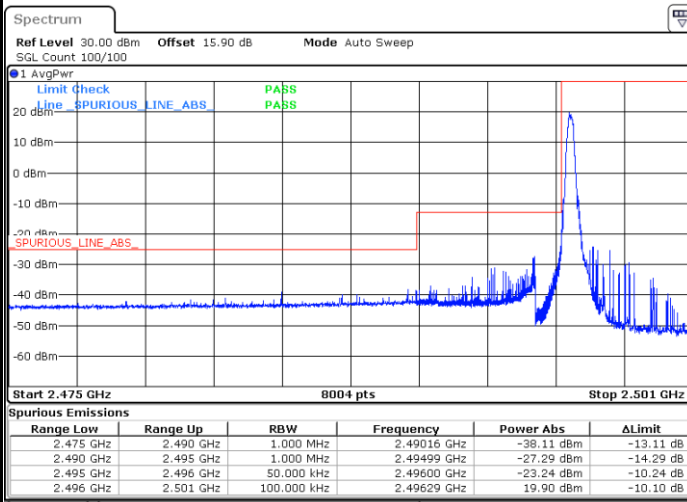


Date: 18.FEB.2020 06:56:39



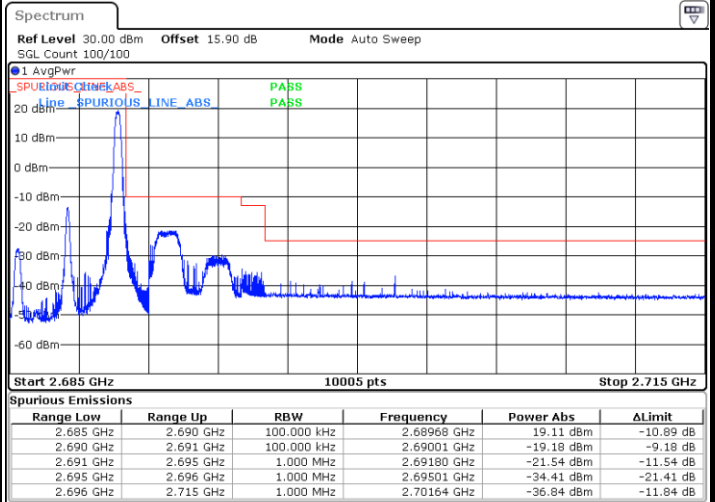
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



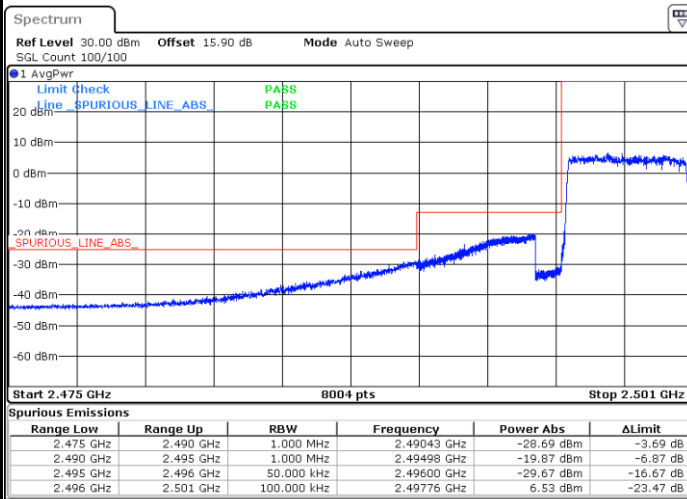
Date: 18.FEB.2020 06:57:20

Highest Band Edge / 1 RB



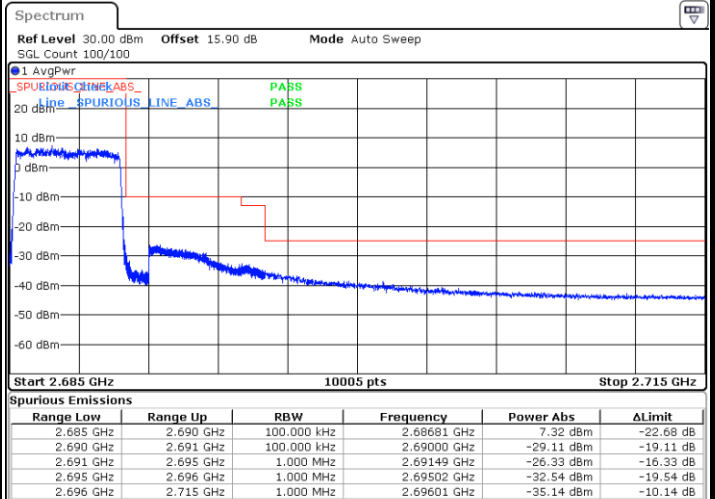
Date: 18.FEB.2020 06:58:40

Lowest Band Edge / Full RB



Date: 18.FEB.2020 06:58:01

Highest Band Edge / Full RB

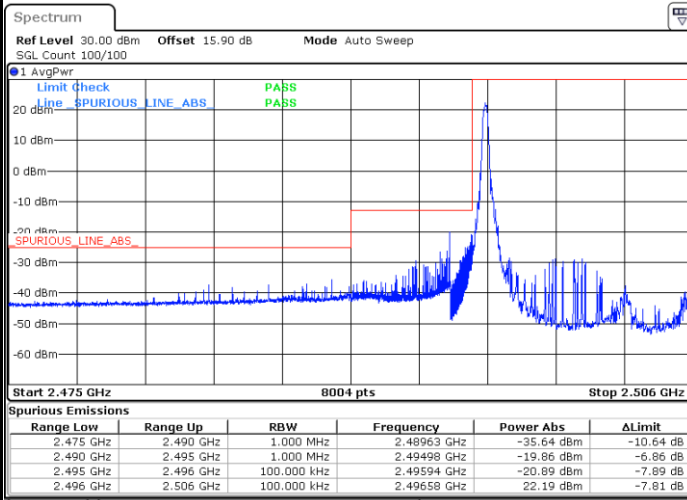


Date: 18.FEB.2020 06:59:21



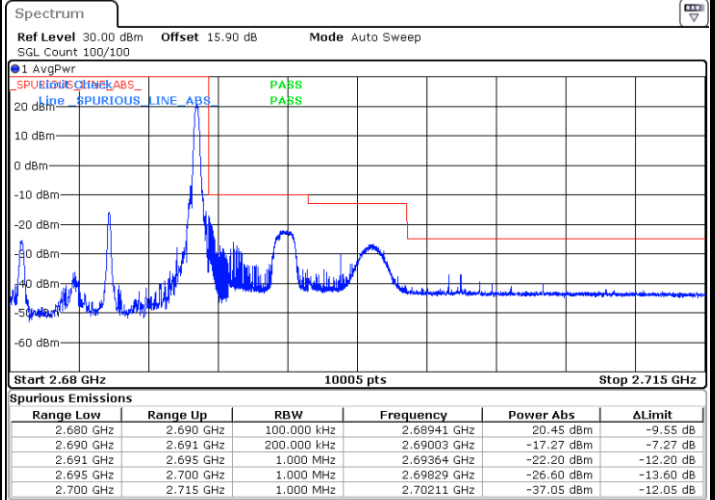
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



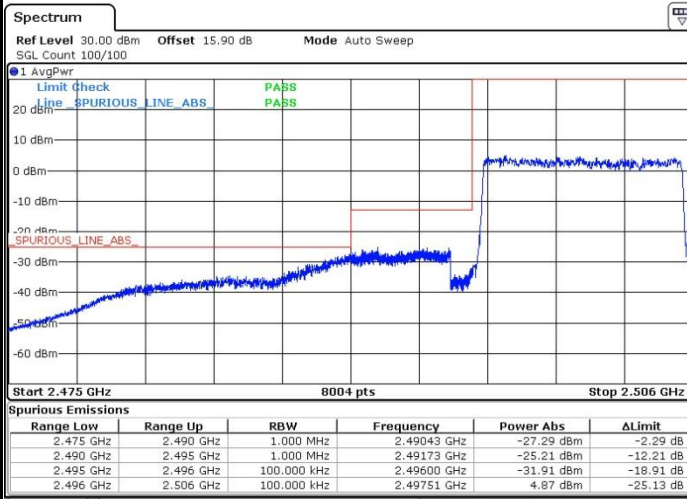
Date: 18.FEB.2020 07:00:03

Highest Band Edge / 1 RB



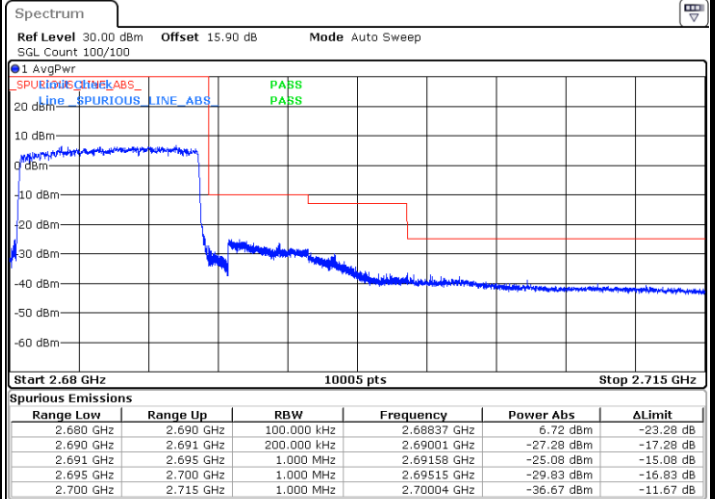
Date: 18.FEB.2020 07:02:45

Lowest Band Edge / Full RB



Date: 27.FEB.2020 15:25:45

Highest Band Edge / Full RB

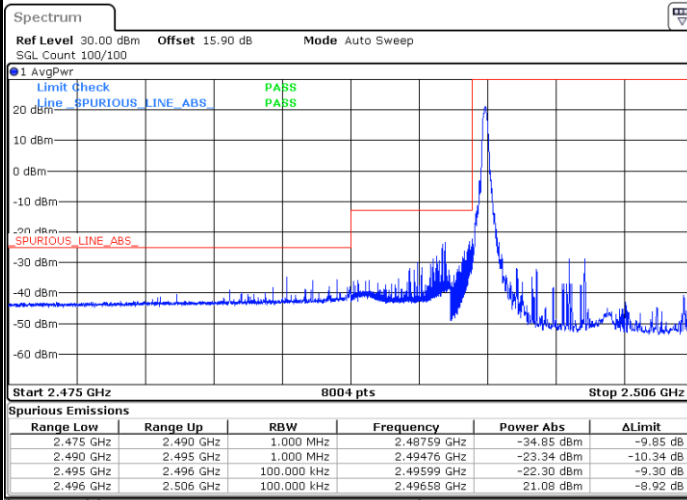


Date: 18.FEB.2020 07:04:07



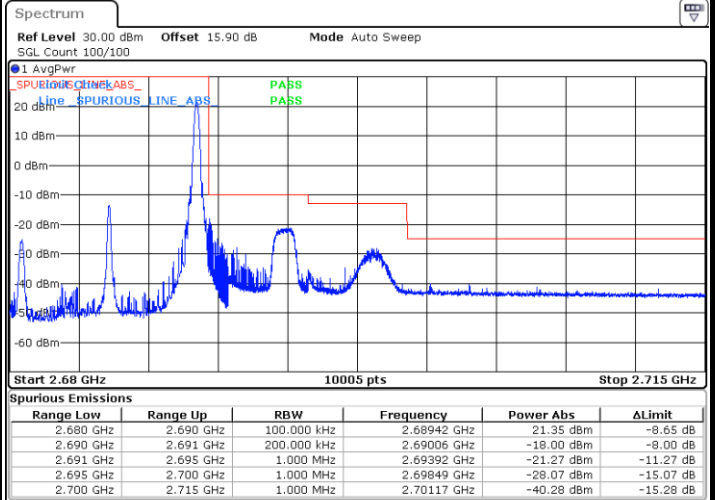
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



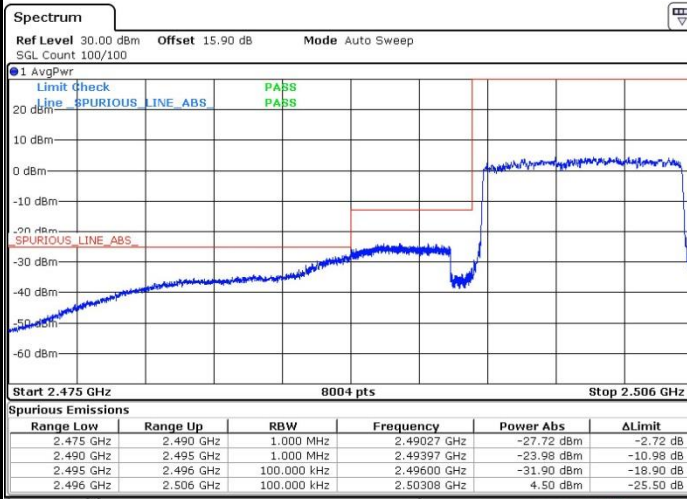
Date: 18.FEB.2020 07:00:44

Highest Band Edge / 1 RB



Date: 18.FEB.2020 07:03:26

Lowest Band Edge / Full RB



Date: 27.FEB.2020 15:24:19

Highest Band Edge / Full RB

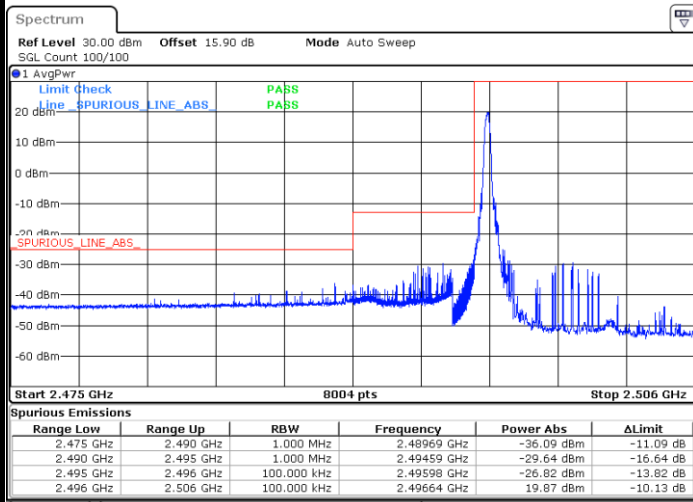


Date: 18.FEB.2020 07:04:47



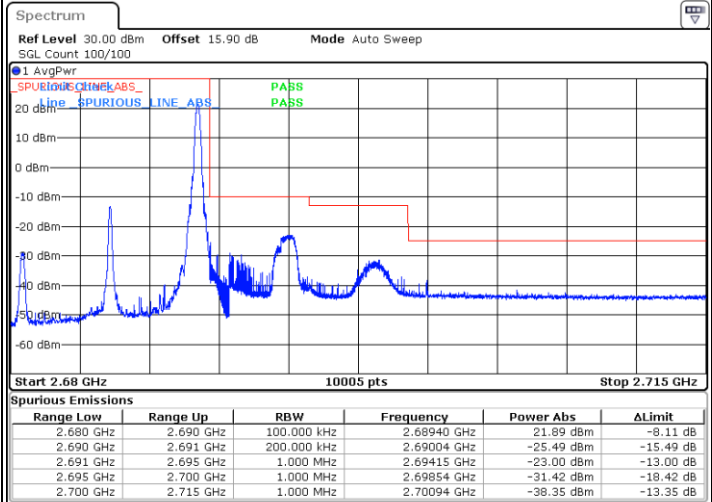
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



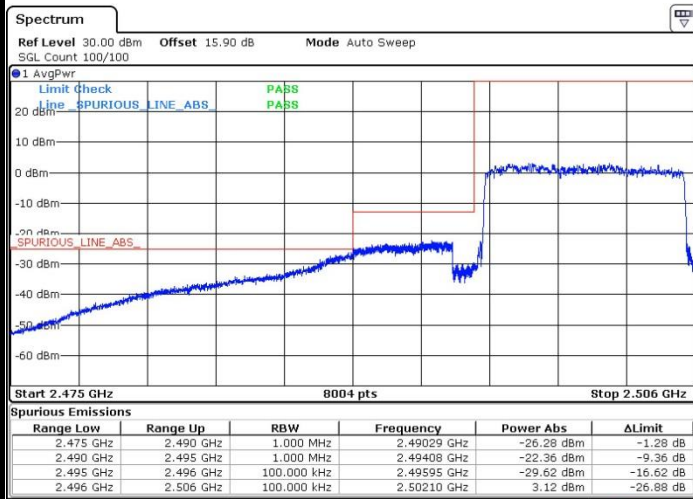
Date: 18.FEB.2020 07:05:29

Highest Band Edge / 1 RB



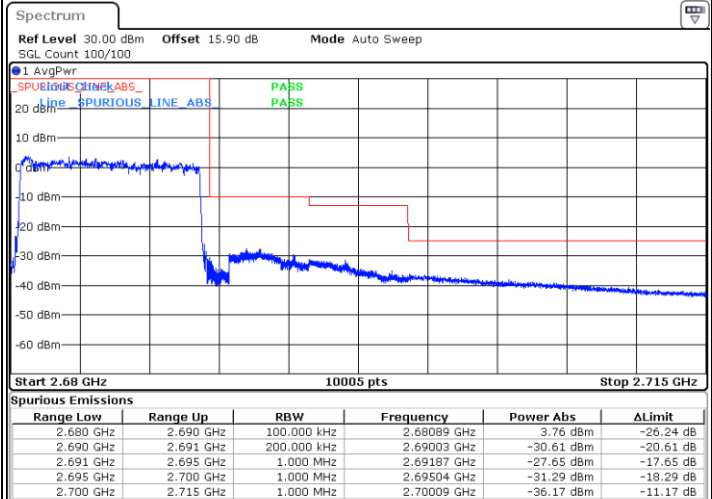
Date: 18.FEB.2020 07:06:49

Lowest Band Edge / Full RB



Date: 27.FEB.2020 15:24:59

Highest Band Edge / Full RB



Date: 18.FEB.2020 07:07:30