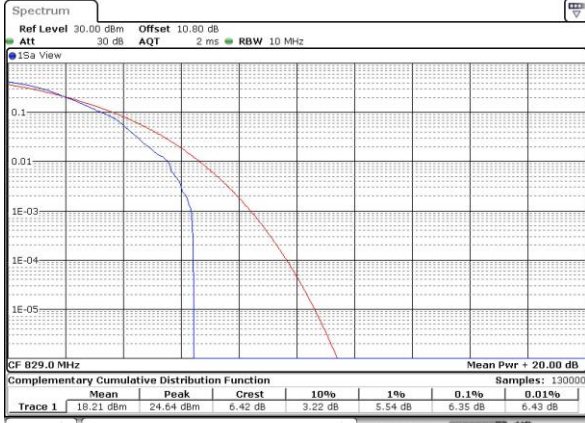




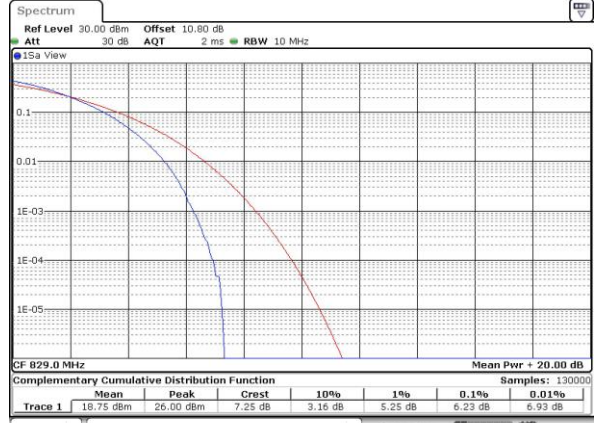
LTE Band 5 / 10MHz / 64QAM

Lowest Channel / 1RB



Date: 10 APR 2019 19:07:53

Lowest Channel / Full RB



Date: 10 APR 2019 19:08:05

Middle Channel / 1RB



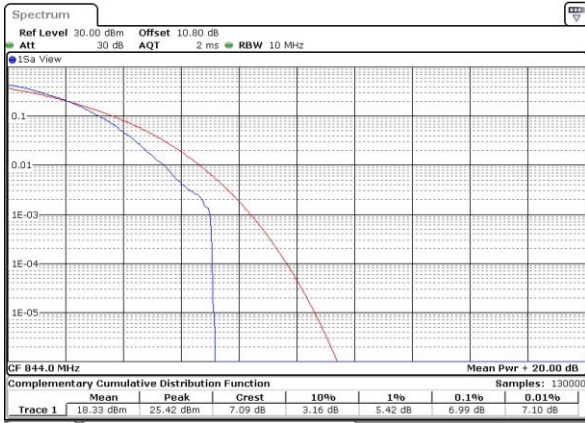
Date: 10 APR 2019 19:08:16

Middle Channel / Full RB



Date: 10 APR 2019 19:08:27

Highest Channel / 1RB



Date: 10 APR 2019 19:08:38

Highest Channel / Full RB



Date: 10 APR 2019 19:08:50



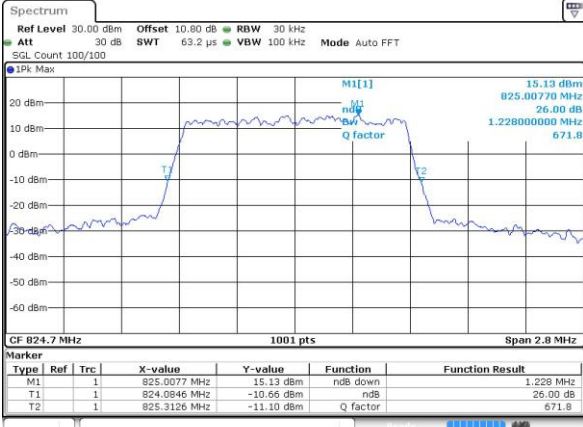
26dB Bandwidth

| Mode | LTE Band 5 : 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 | 1.22 | 3.05 | 3.07 | 4.89 | 4.82 | 9.83 | 9.61 | - | - | - | - |
| Middle CH | 1.21 | 1.23 | 3.03 | 3.01 | 4.91 | 4.85 | 9.81 | 9.83 | - | - | - | - |
| Highest CH | 1.22 | 1.23 | 3.05 | 3.03 | 4.90 | 4.95 | 9.69 | 9.81 | - | - | - | - |
| Mode | LTE Band 5 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.22 | - | 3.01 | - | 4.89 | - | 9.87 | - | - | - | - | - |
| Middle CH | 1.23 | - | 3.04 | - | 4.95 | - | 9.75 | - | - | - | - | - |
| Highest CH | 1.22 | - | 2.98 | - | 4.88 | - | 9.65 | - | - | - | - | - |



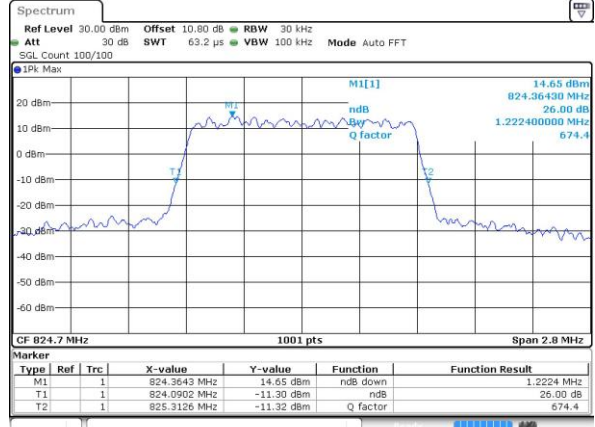
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



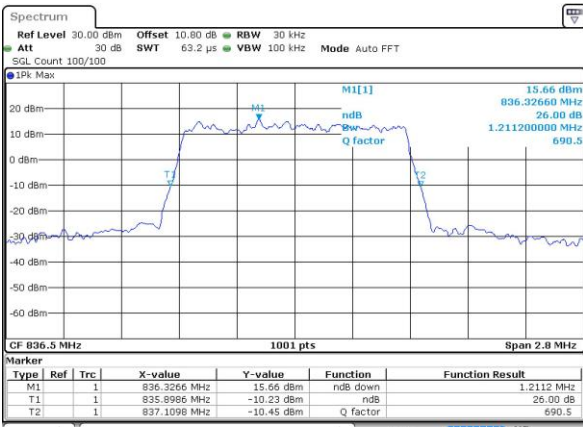
Date: 10 APR 2019 18:44:43

Lowest Channel / 1.4MHz / 16QAM



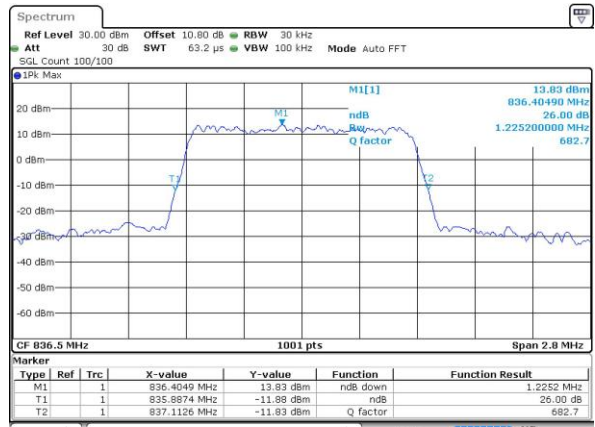
Date: 10 APR 2019 18:44:30

Middle Channel / 1.4MHz / QPSK



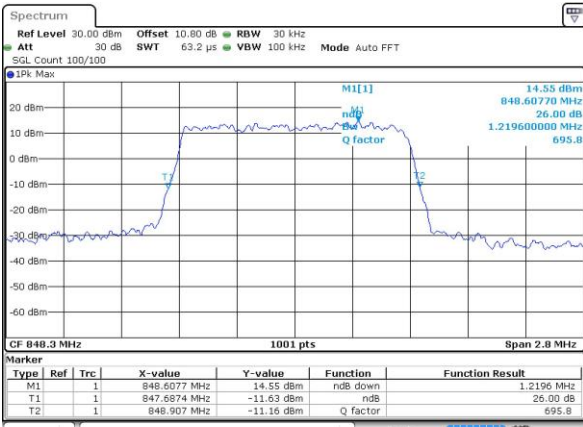
Date: 10 APR 2019 18:53:25

Middle Channel / 1.4MHz / 16QAM



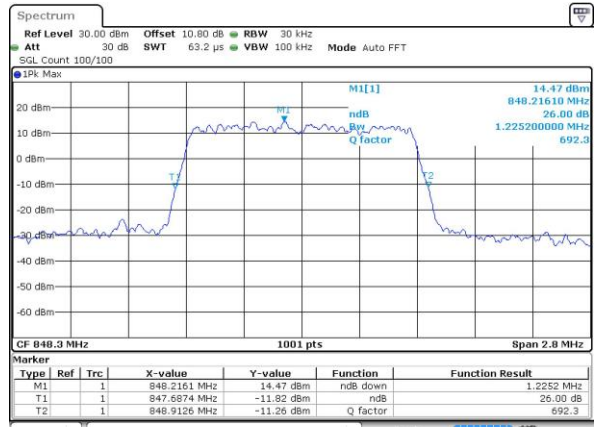
Date: 10 APR 2019 18:53:37

Highest Channel / 1.4MHz / QPSK



Date: 10 APR 2019 18:55:35

Highest Channel / 1.4MHz / 16QAM

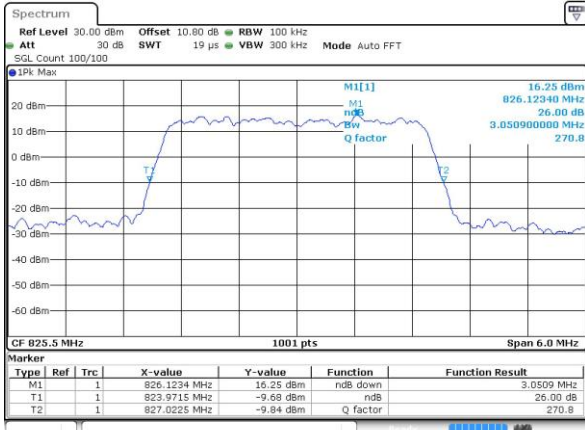


Date: 10 APR 2019 18:55:47



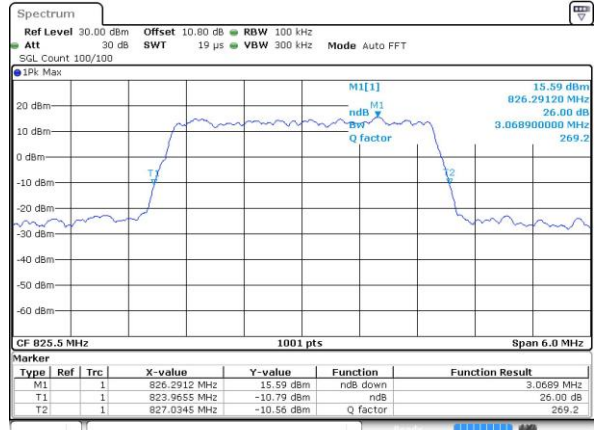
LTE Band 5

Lowest Channel / 3MHz / QPSK



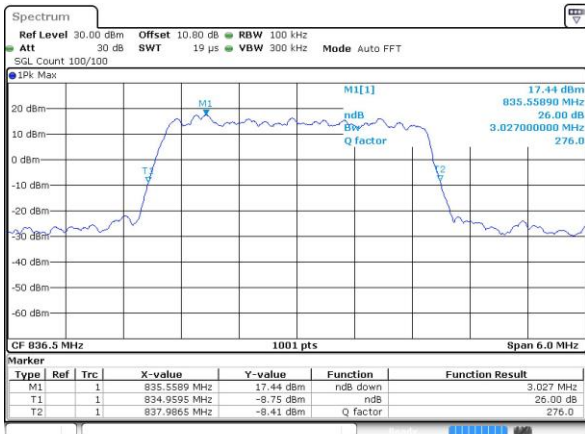
Date: 10 APR 2019 16:50:24

Lowest Channel / 3MHz / 16QAM



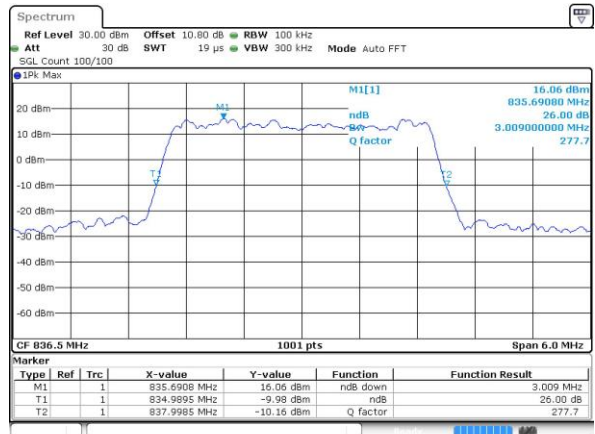
Date: 10 APR 2019 16:50:37

Middle Channel / 3MHz / QPSK



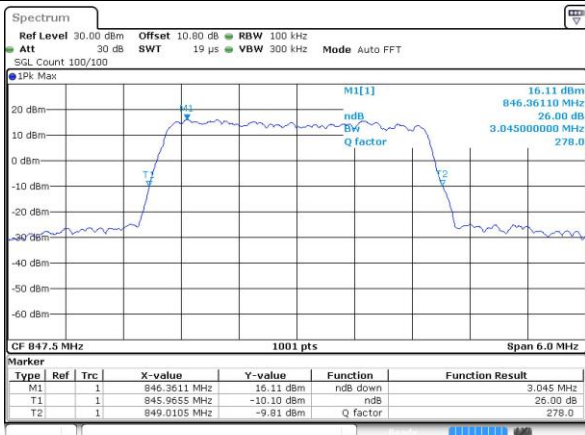
Date: 10 APR 2019 17:11:25

Middle Channel / 3MHz / 16QAM



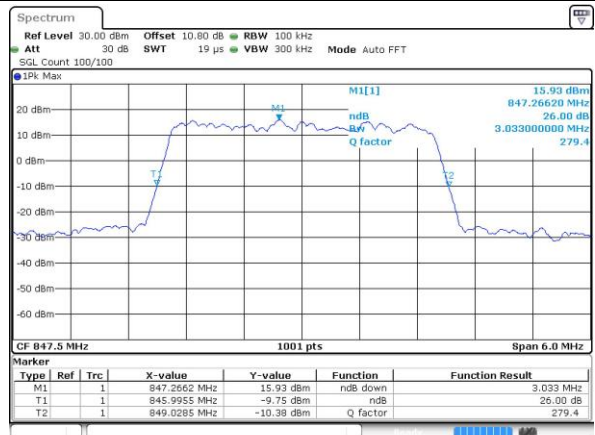
Date: 10 APR 2019 17:11:37

Highest Channel / 3MHz / QPSK



Date: 10 APR 2019 17:13:35

Highest Channel / 3MHz / 16QAM

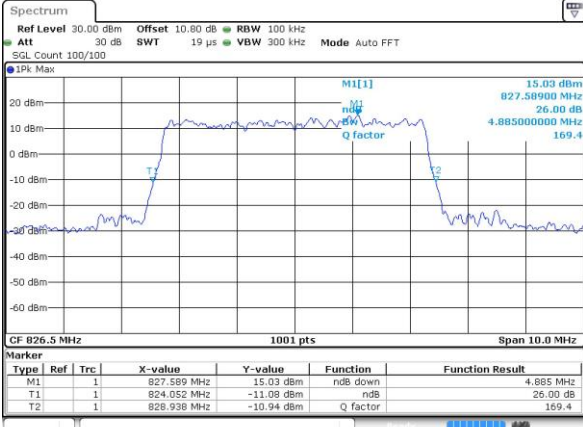


Date: 10 APR 2019 17:13:47



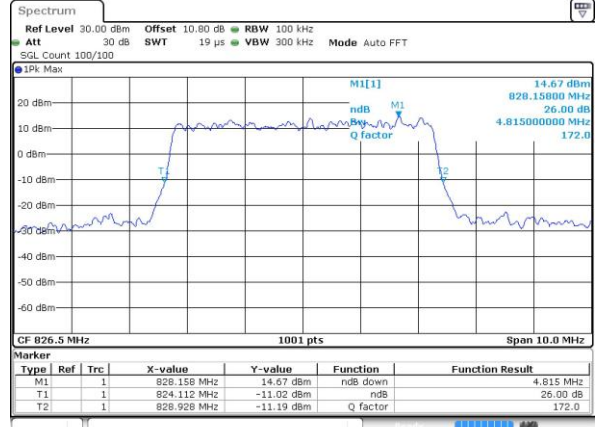
LTE Band 5

Lowest Channel / 5MHz / QPSK



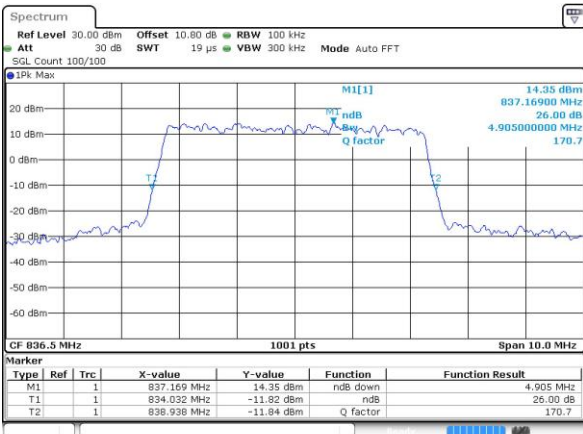
Date: 10 APR 2019 17:22:31

Lowest Channel / 5MHz / 16QAM



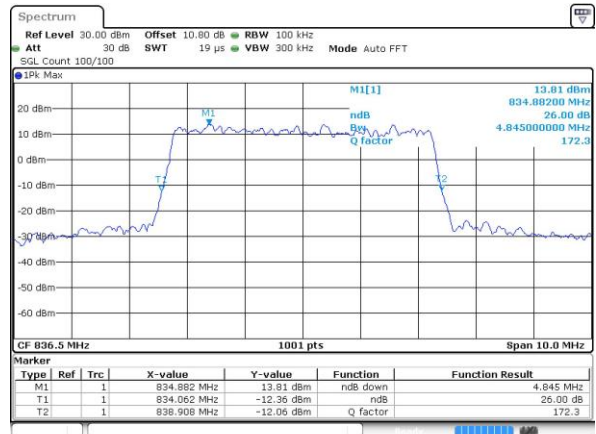
Date: 10 APR 2019 17:22:43

Middle Channel / 5MHz / QPSK



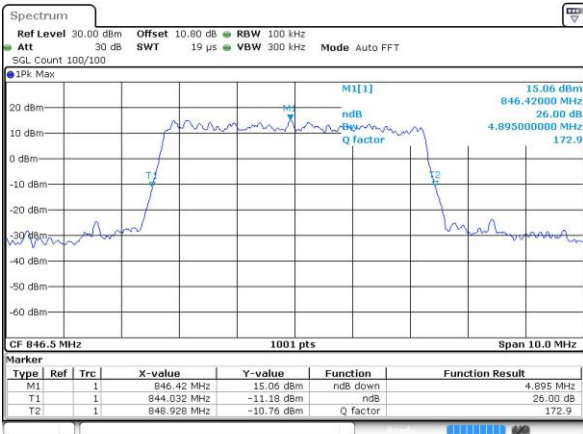
Date: 10 APR 2019 17:31:25

Middle Channel / 5MHz / 16QAM



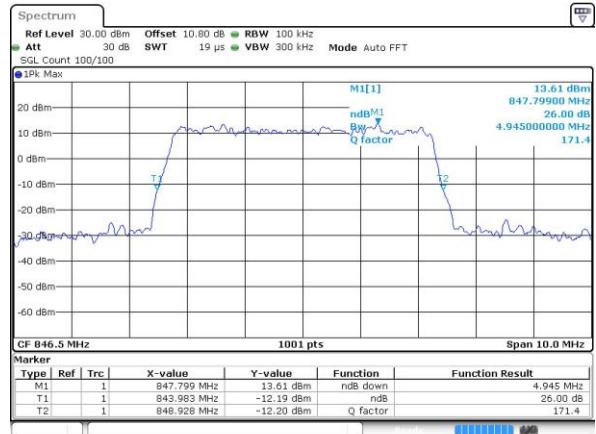
Date: 10 APR 2019 17:31:37

Highest Channel / 5MHz / QPSK



Date: 10 APR 2019 17:33:35

Highest Channel / 5MHz / 16QAM

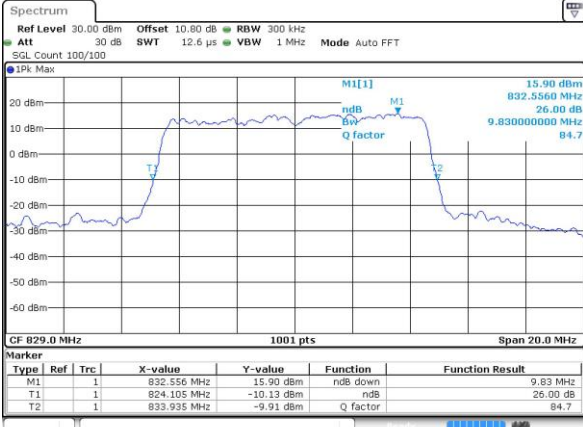


Date: 10 APR 2019 17:33:47



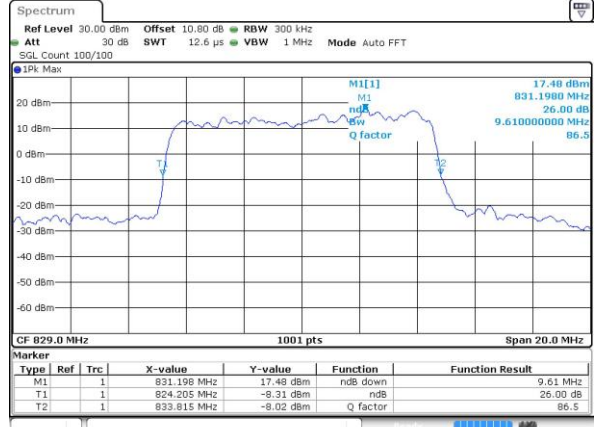
LTE Band 5

Lowest Channel / 10MHz / QPSK



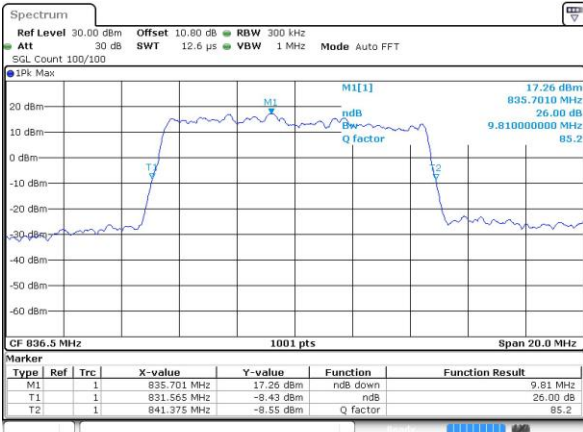
Date: 10 APR 2019 17:42:32

Lowest Channel / 10MHz / 16QAM



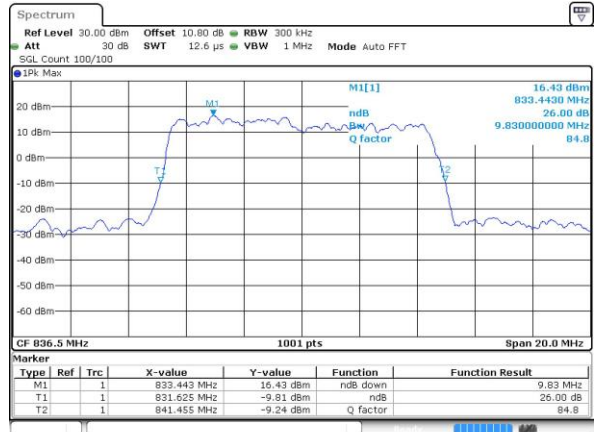
Date: 10 APR 2019 17:42:44

Middle Channel / 10MHz / QPSK



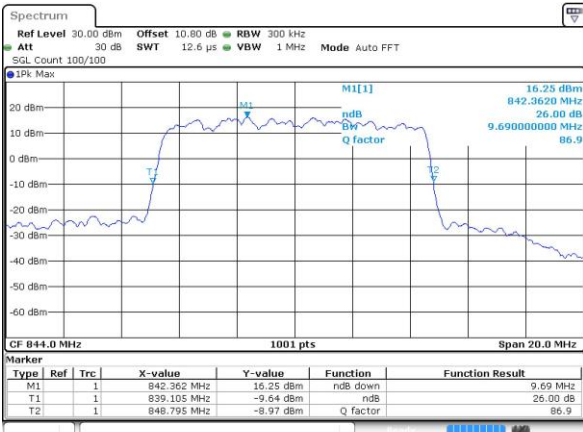
Date: 10 APR 2019 17:51:28

Middle Channel / 10MHz / 16QAM



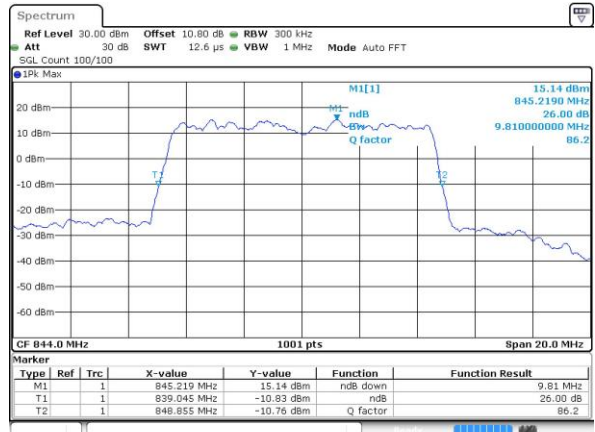
Date: 10 APR 2019 17:51:38

Highest Channel / 10MHz / QPSK



Date: 10 APR 2019 17:53:35

Highest Channel / 10MHz / 16QAM

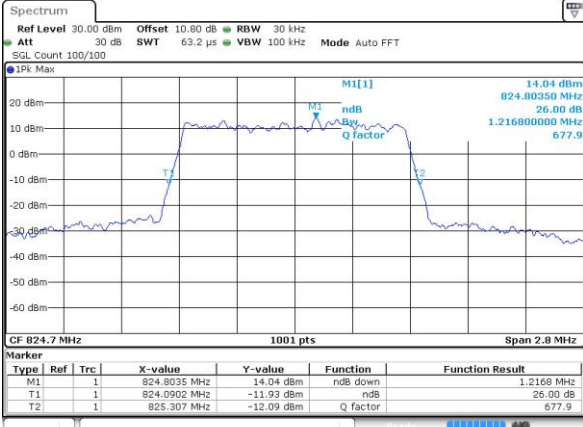


Date: 10 APR 2019 17:53:48



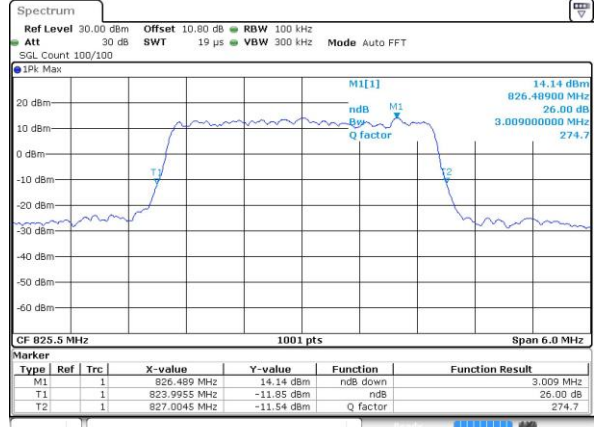
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



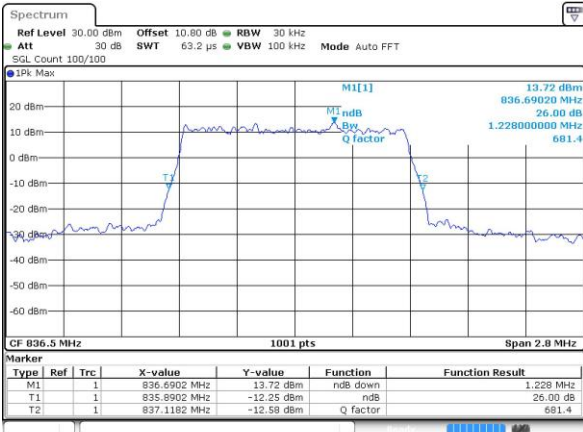
Date: 10 APR 2019 18:34:18

Lowest Channel / 3MHz / 64QAM



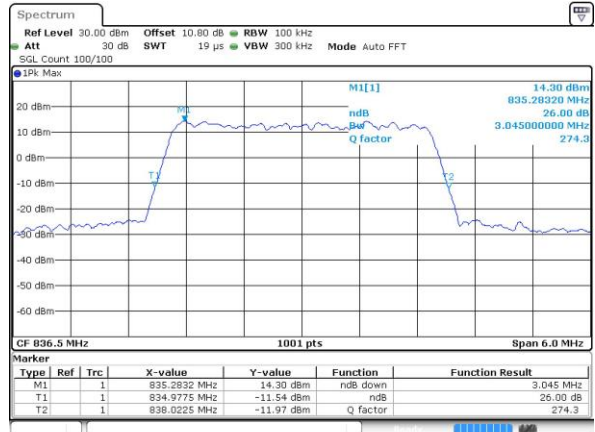
Date: 10 APR 2019 18:02:20

Middle Channel / 1.4MHz / 64QAM



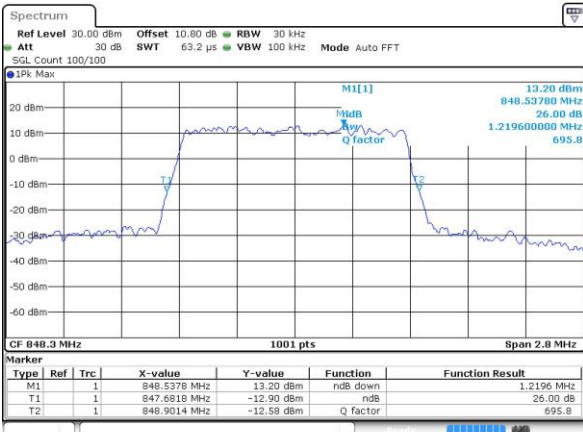
Date: 10 APR 2019 18:38:45

Middle Channel / 3MHz / 64QAM



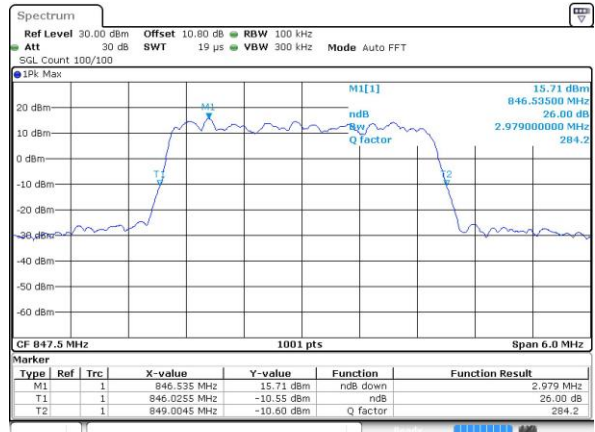
Date: 10 APR 2019 18:06:48

Highest Channel / 1.4MHz / 64QAM



Date: 10 APR 2019 18:39:50

Highest Channel / 3MHz / 64QAM

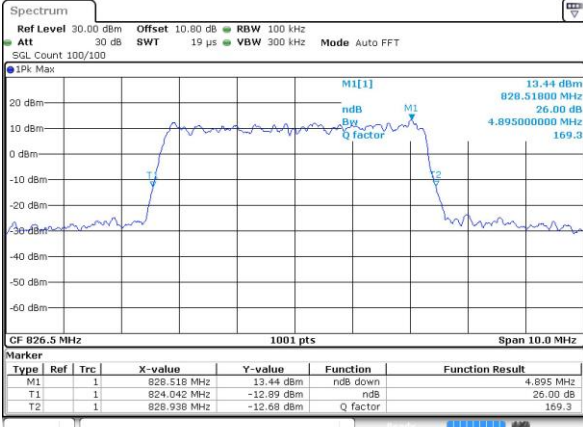


Date: 10 APR 2019 18:07:53



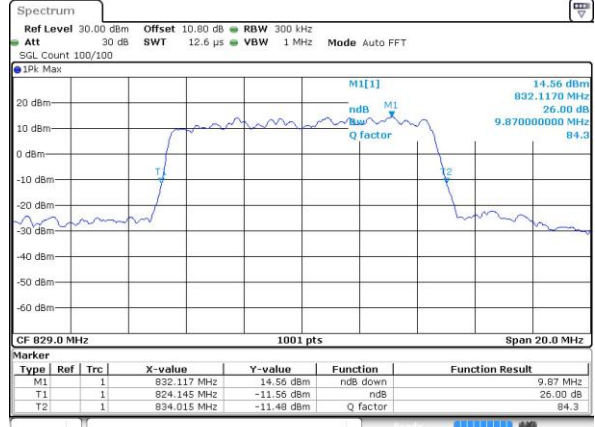
LTE Band 5

Lowest Channel / 5MHz / 64QAM



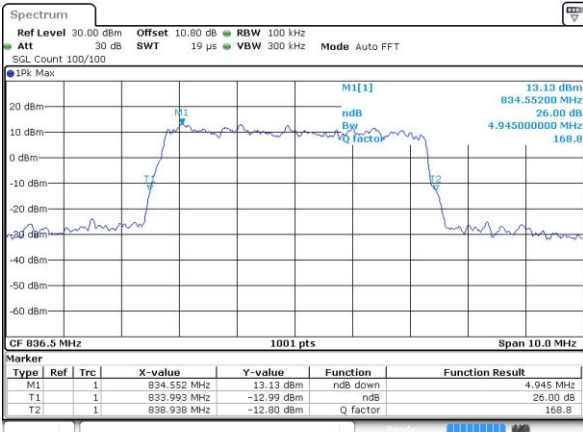
Date: 10 APR 2019 18:12:22

Lowest Channel / 10MHz / 64QAM



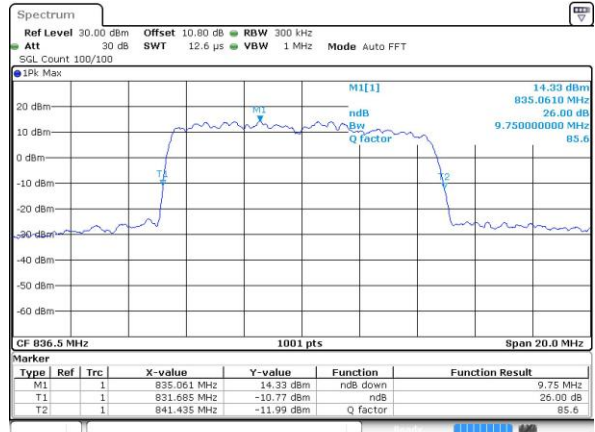
Date: 10 APR 2019 18:22:22

Middle Channel / 5MHz / 64QAM



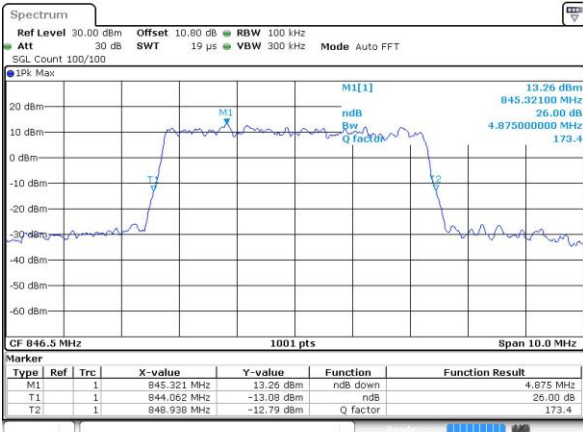
Date: 10 APR 2019 18:16:49

Middle Channel / 10MHz / 64QAM



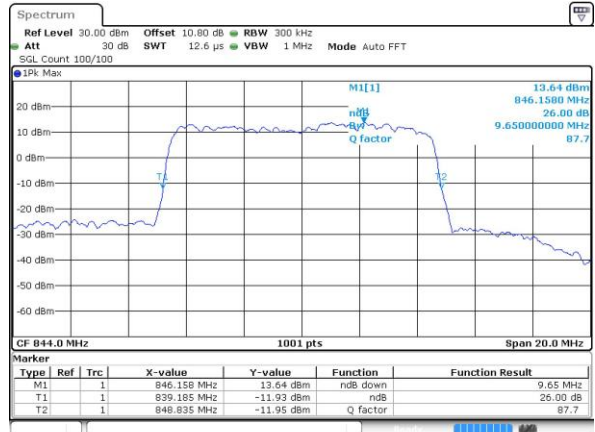
Date: 10 APR 2019 18:26:48

Highest Channel / 5MHz / 64QAM



Date: 10 APR 2019 18:17:54

Highest Channel / 10MHz / 64QAM



Date: 10 APR 2019 18:27:53



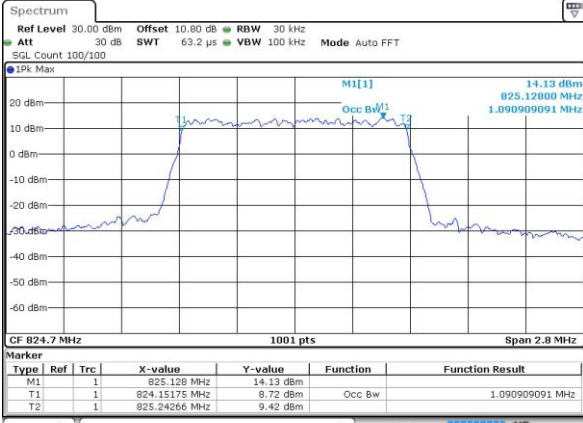
Occupied Bandwidth

| Mode | LTE Band 5 : 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 | 1.09 | 1.09 | 2.72 | 2.72 | 4.49 | 4.50 | 9.01 | 8.99 | - | - | - | - |
| Middle CH | 1.09 | 1.09 | 2.72 | 2.71 | 4.51 | 4.52 | 9.05 | 9.01 | - | - | - | - |
| Highest CH | 1.09 | 1.09 | 2.71 | 2.72 | 4.47 | 4.48 | 9.03 | 9.05 | - | - | - | - |
| Mode | LTE Band 5 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.09 | - | 2.73 | - | 4.52 | - | 9.05 | - | - | - | - | - |
| Middle CH | 1.09 | - | 2.72 | - | 4.49 | - | 9.05 | - | - | - | - | - |
| Highest CH | 1.09 | - | 2.71 | - | 4.48 | - | 9.03 | - | - | - | - | - |



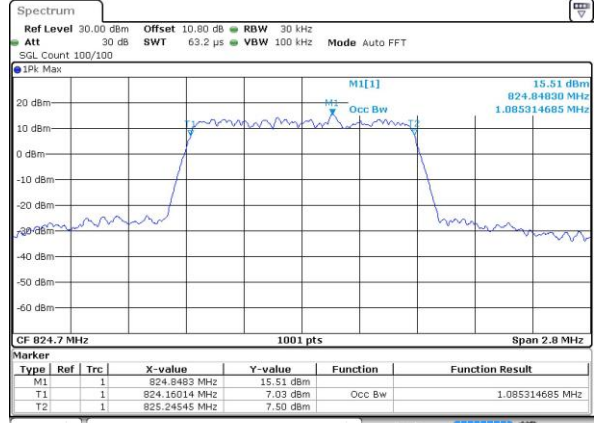
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



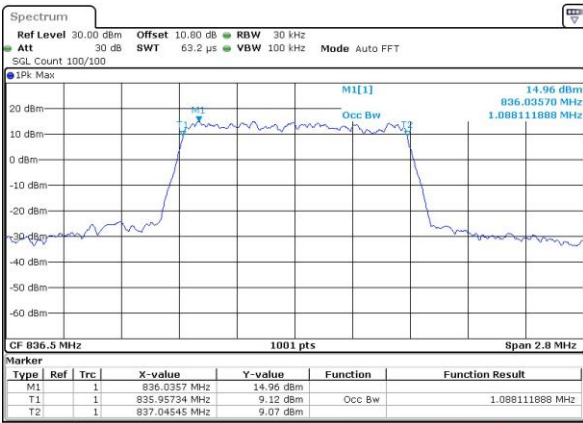
Date: 10 APR 2019 18:44:06

Lowest Channel / 1.4MHz / 16QAM



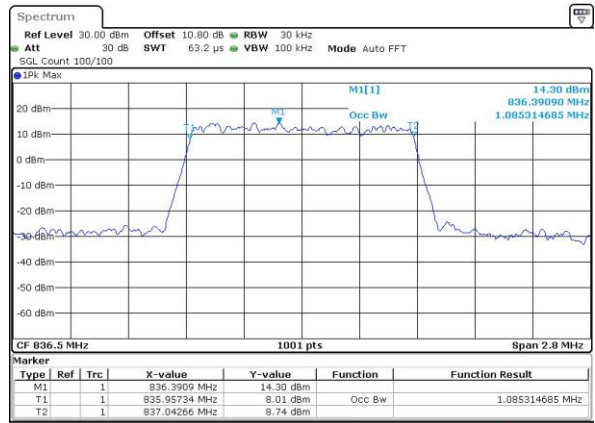
Date: 10 APR 2019 18:44:18

Middle Channel / 1.4MHz / QPSK



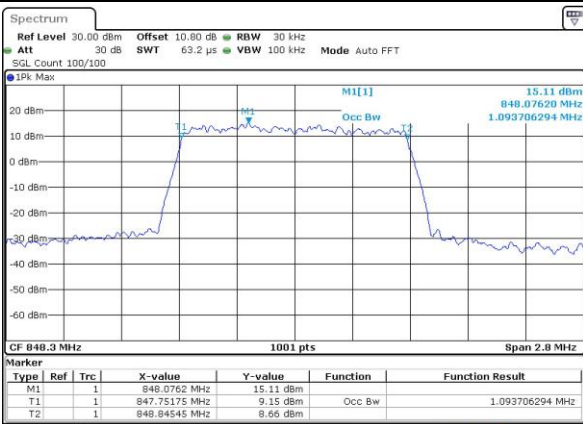
Date: 10 APR 2019 18:53:01

Middle Channel / 1.4MHz / 16QAM



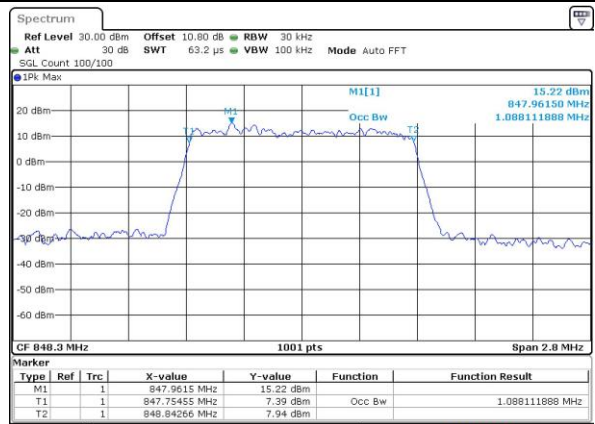
Date: 10 APR 2019 18:53:13

Highest Channel / 1.4MHz / QPSK



Date: 10 APR 2019 18:55:10

Highest Channel / 1.4MHz / 16QAM

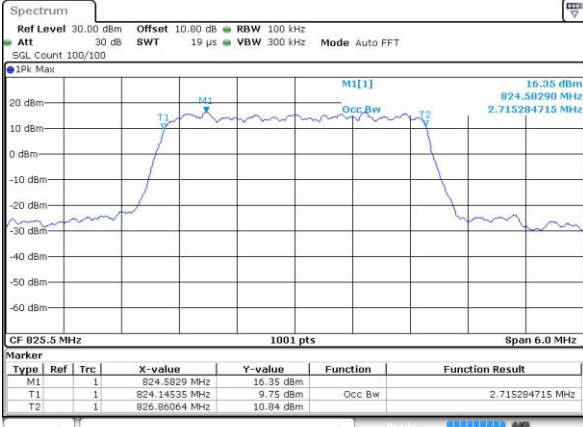


Date: 10 APR 2019 18:55:22



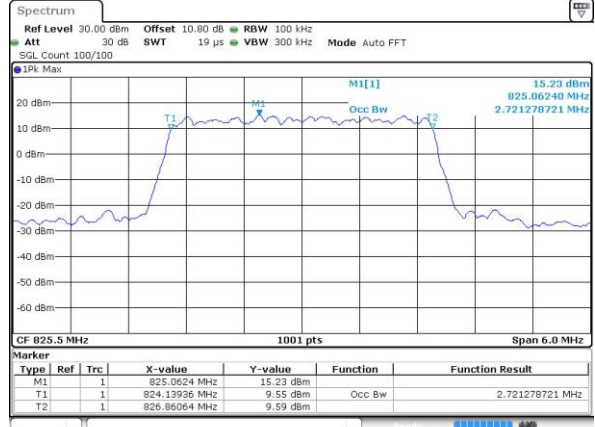
LTE Band 5

Lowest Channel / 3MHz / QPSK



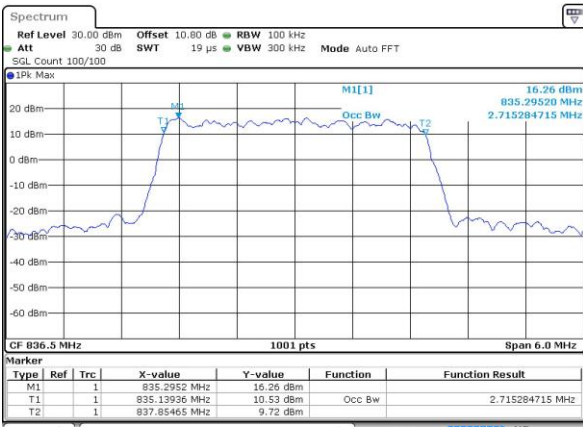
Date: 10 APR 2019 16:50:00

Lowest Channel / 3MHz / 16QAM



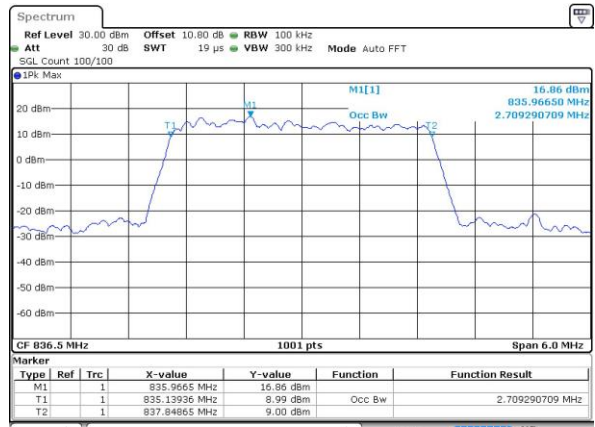
Date: 10 APR 2019 16:50:12

Middle Channel / 3MHz / QPSK



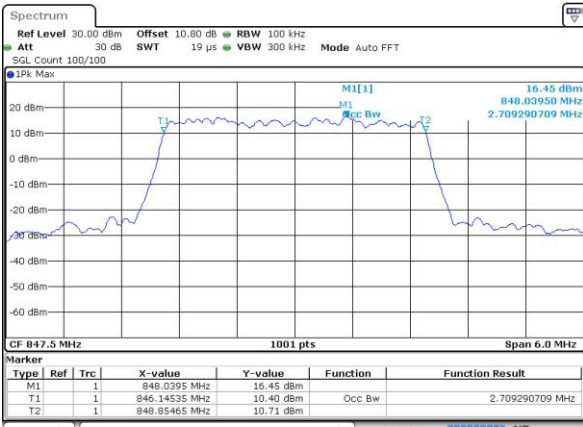
Date: 10 APR 2019 17:11:02

Middle Channel / 3MHz / 16QAM



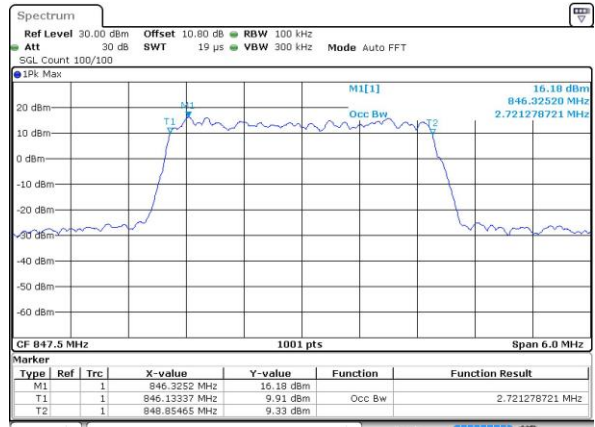
Date: 10 APR 2019 17:11:13

Highest Channel / 3MHz / QPSK



Date: 10 APR 2019 17:13:10

Highest Channel / 3MHz / 16QAM

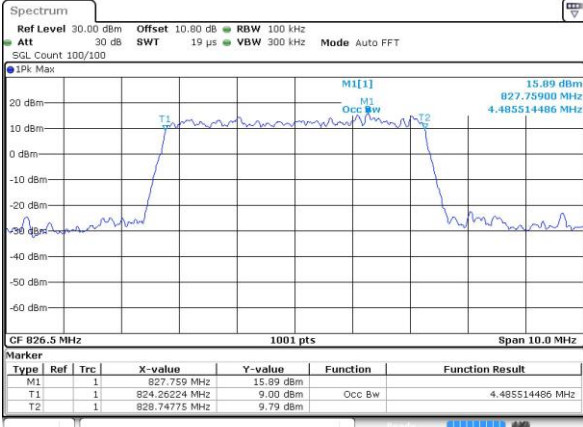


Date: 10 APR 2019 17:13:22



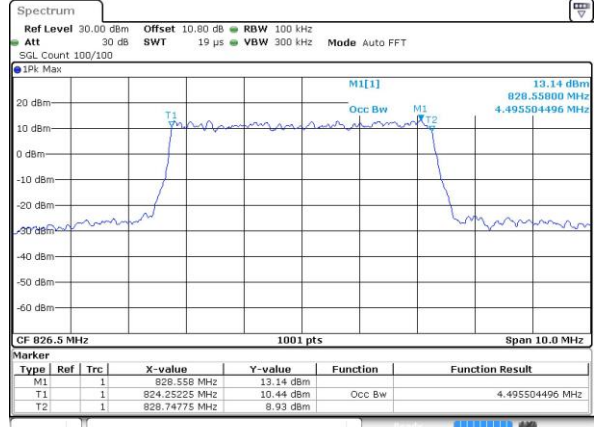
LTE Band 5

Lowest Channel / 5MHz / QPSK



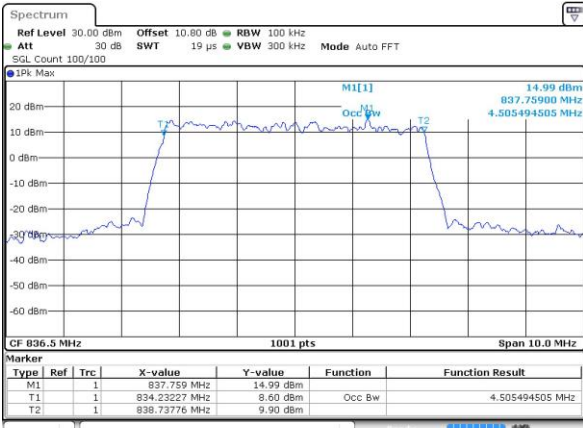
Date: 10 APR 2019 17:22:06

Lowest Channel / 5MHz / 16QAM



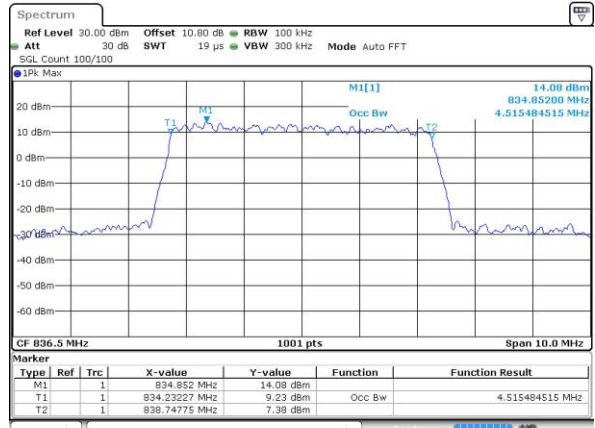
Date: 10 APR 2019 17:22:19

Middle Channel / 5MHz / QPSK



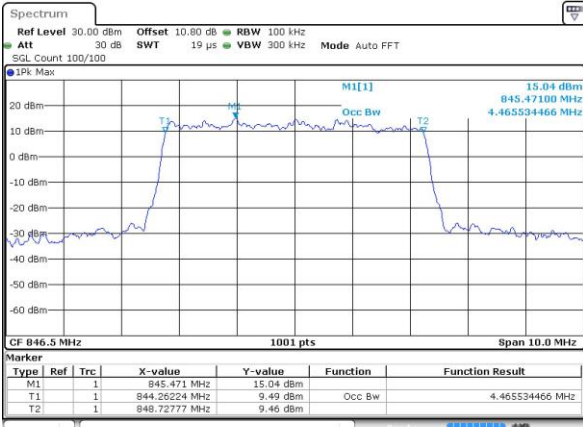
Date: 10 APR 2019 17:31:02

Middle Channel / 5MHz / 16QAM



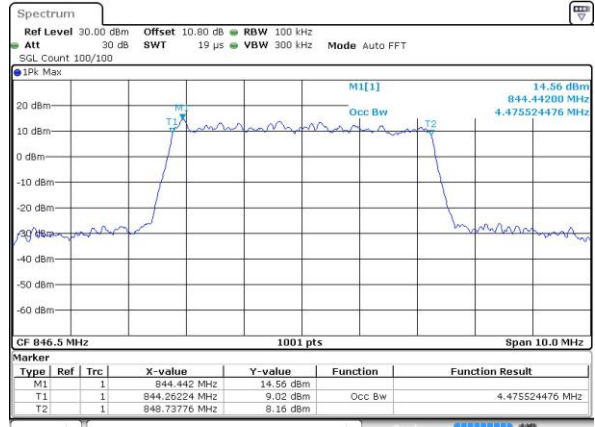
Date: 10 APR 2019 17:31:14

Highest Channel / 5MHz / QPSK



Date: 10 APR 2019 17:33:10

Highest Channel / 5MHz / 16QAM

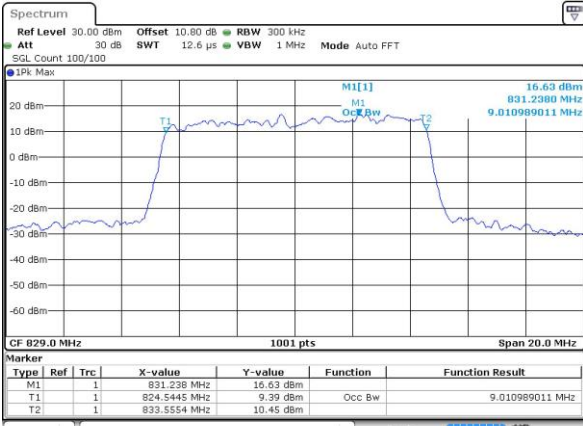


Date: 10 APR 2019 17:33:23



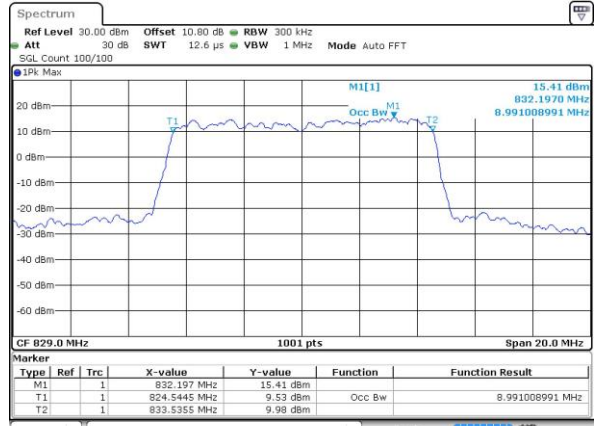
LTE Band 5

Lowest Channel / 10MHz / QPSK



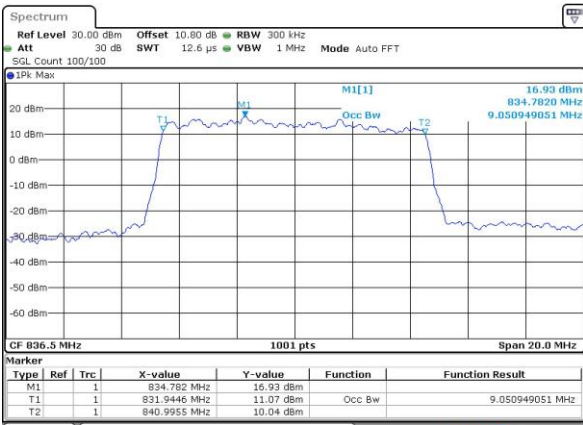
Date: 10 APR 2019 17:42:07

Lowest Channel / 10MHz / 16QAM



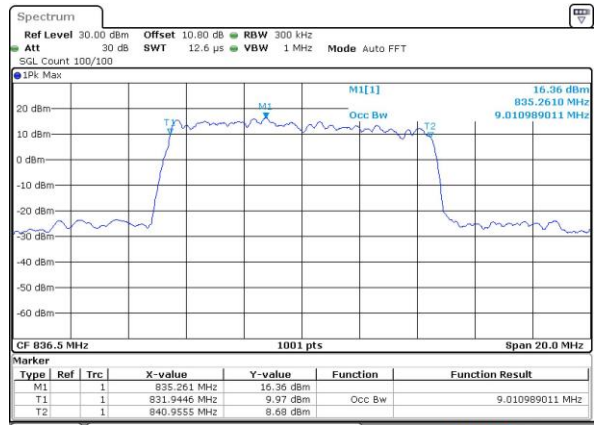
Date: 10 APR 2019 17:42:19

Middle Channel / 10MHz / QPSK



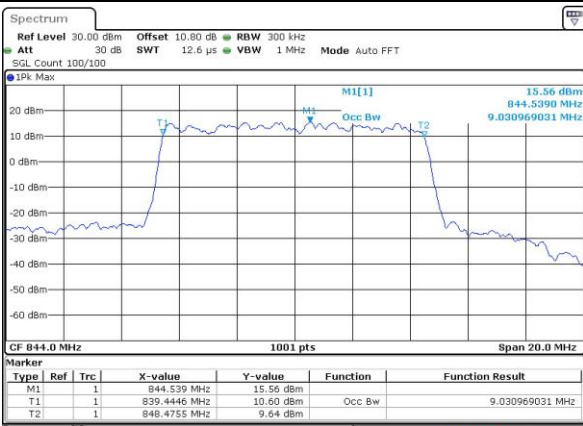
Date: 10 APR 2019 17:51:03

Middle Channel / 10MHz / 16QAM



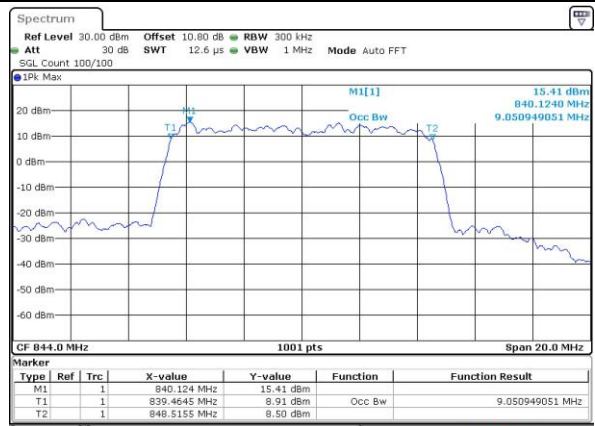
Date: 10 APR 2019 17:51:14

Highest Channel / 10MHz / QPSK



Date: 10 APR 2019 17:53:11

Highest Channel / 10MHz / 16QAM

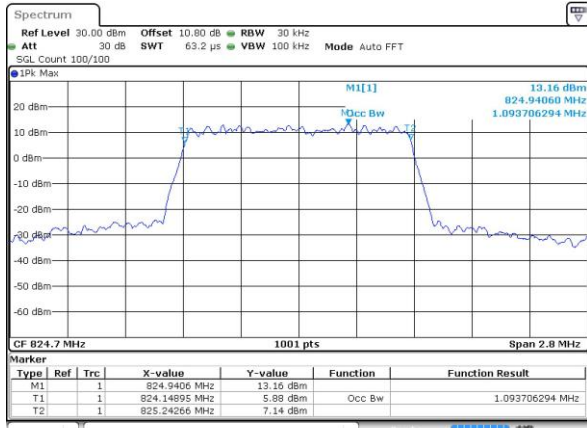


Date: 10 APR 2019 17:53:23

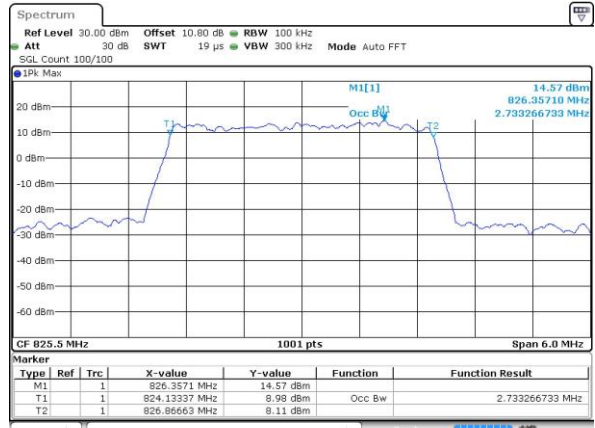


LTE Band 5

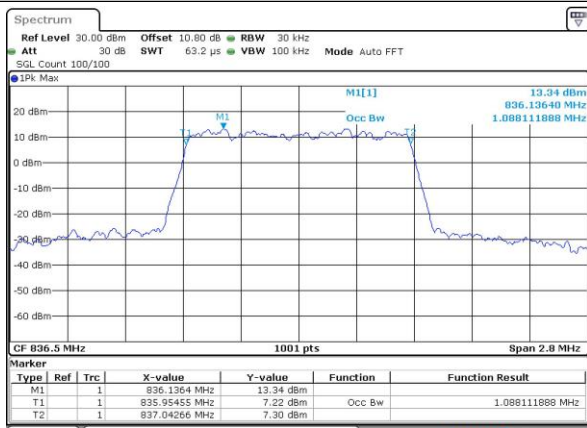
Lowest Channel / 1.4MHz / 64QAM



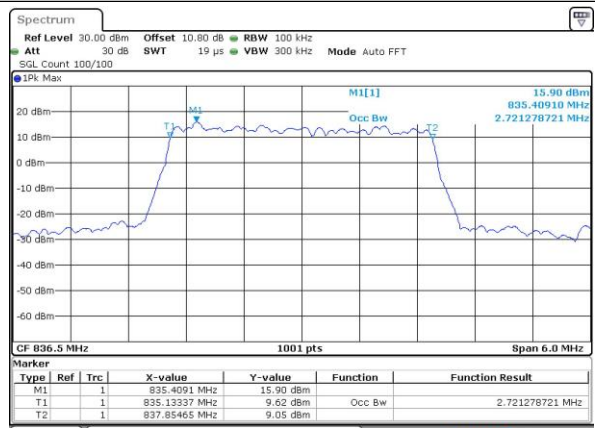
Lowest Channel / 3MHz / 64QAM



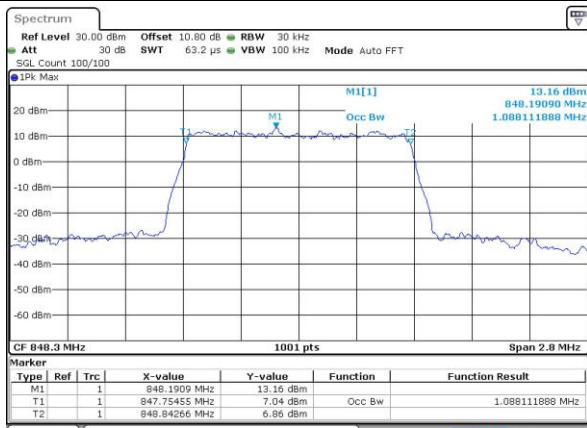
Middle Channel / 1.4MHz / 64QAM



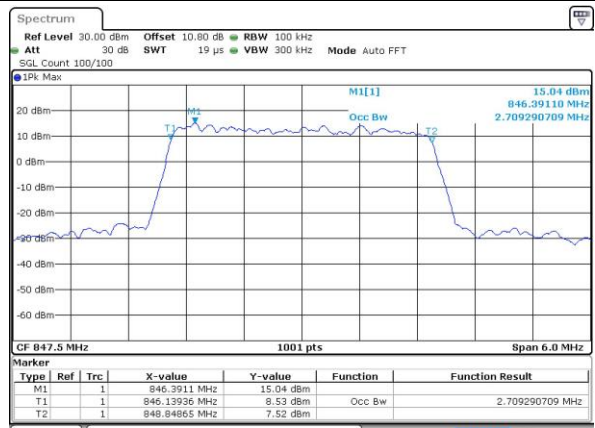
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



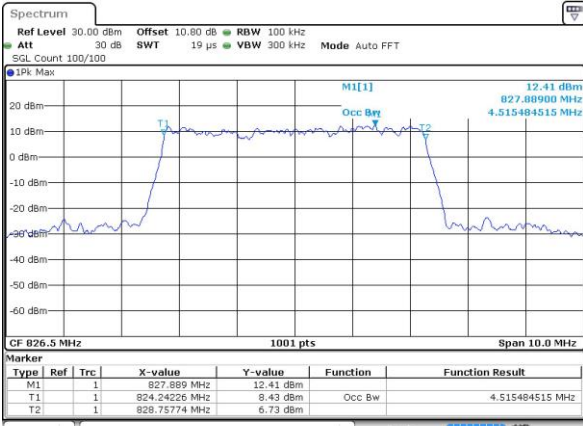
Highest Channel / 3MHz / 64QAM





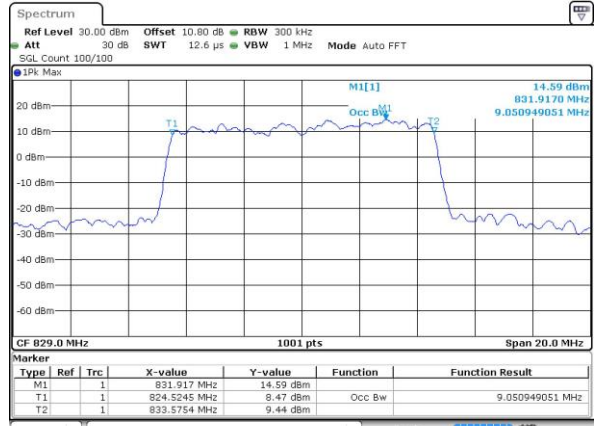
LTE Band 5

Lowest Channel / 5MHz / 64QAM



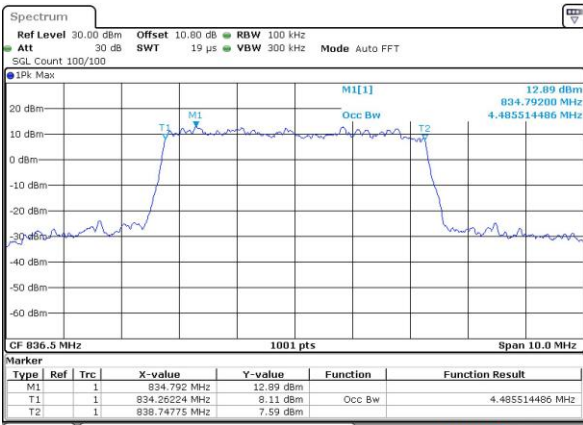
Date: 10 APR 2019 18:12:09

Lowest Channel / 10MHz / 64QAM



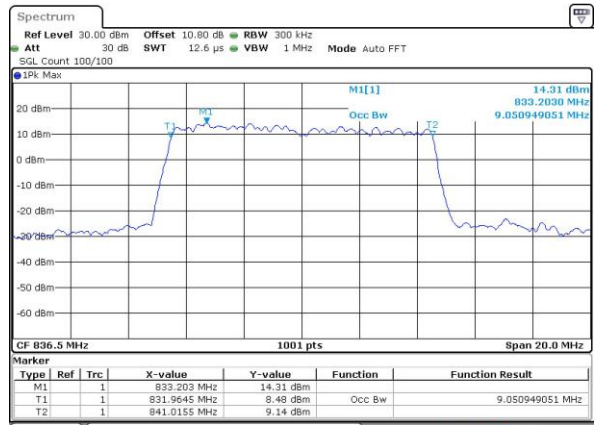
Date: 10 APR 2019 18:22:10

Middle Channel / 5MHz / 64QAM



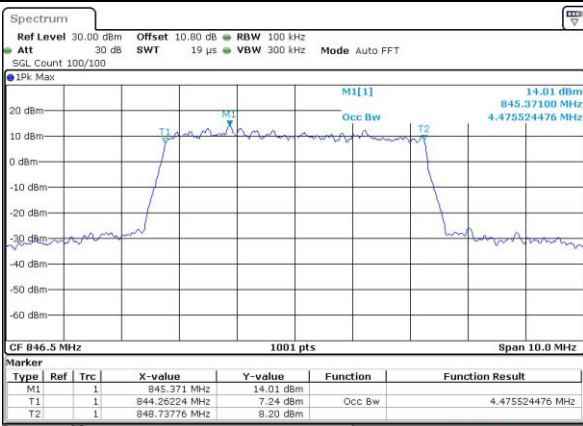
Date: 10 APR 2019 18:16:37

Middle Channel / 10MHz / 64QAM



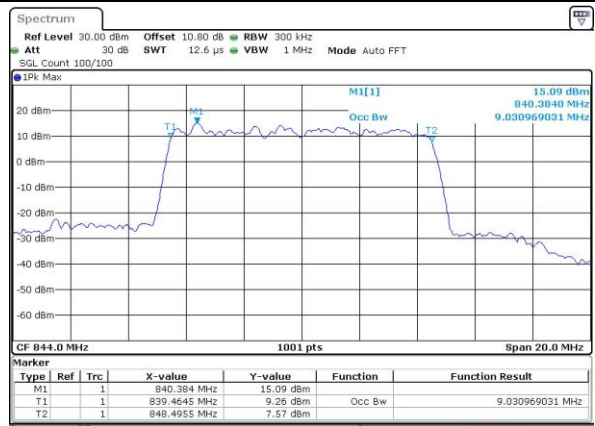
Date: 10 APR 2019 18:26:37

Highest Channel / 5MHz / 64QAM



Date: 10 APR 2019 18:17:41

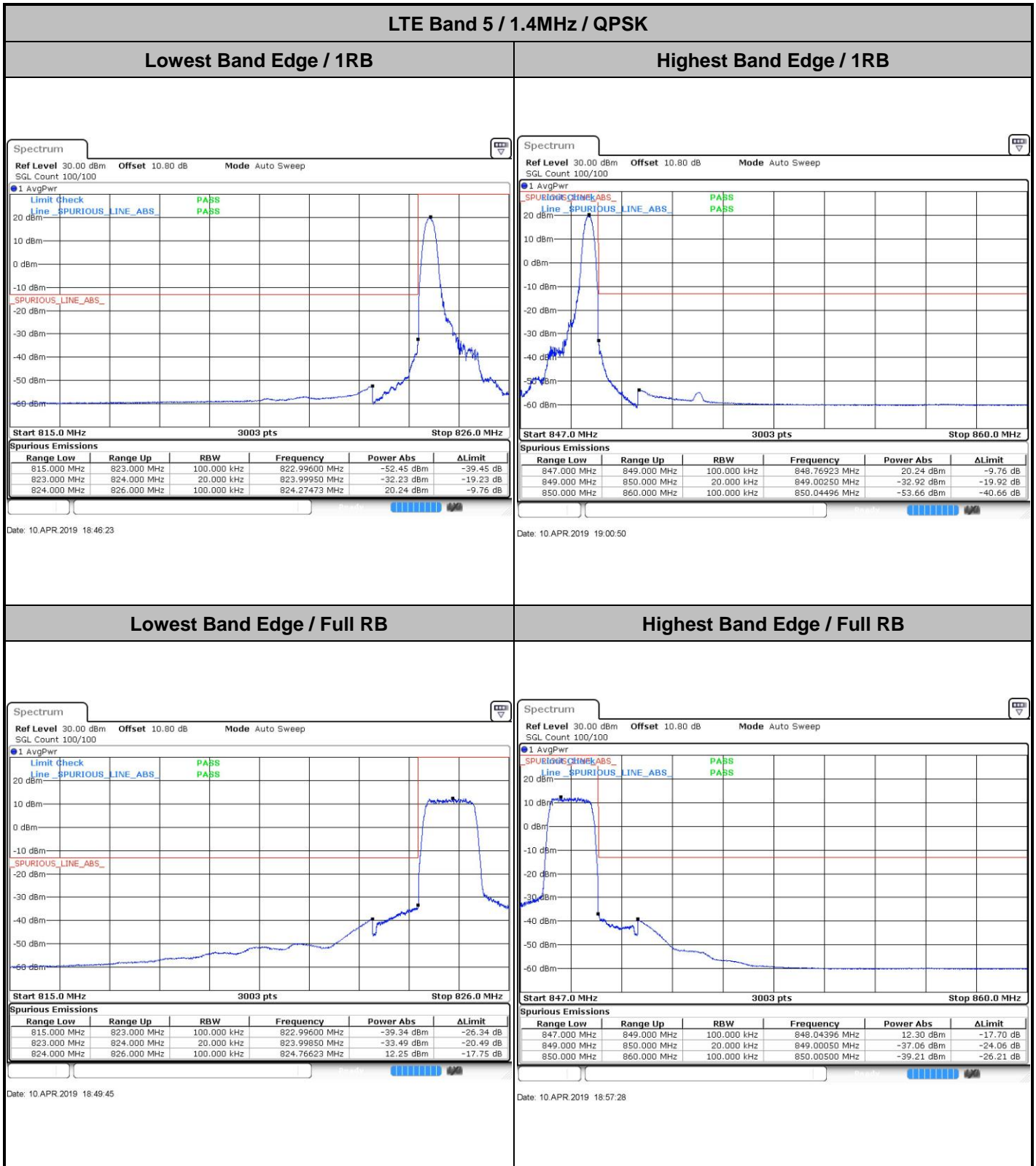
Highest Channel / 10MHz / 64QAM



Date: 10 APR 2019 18:27:41



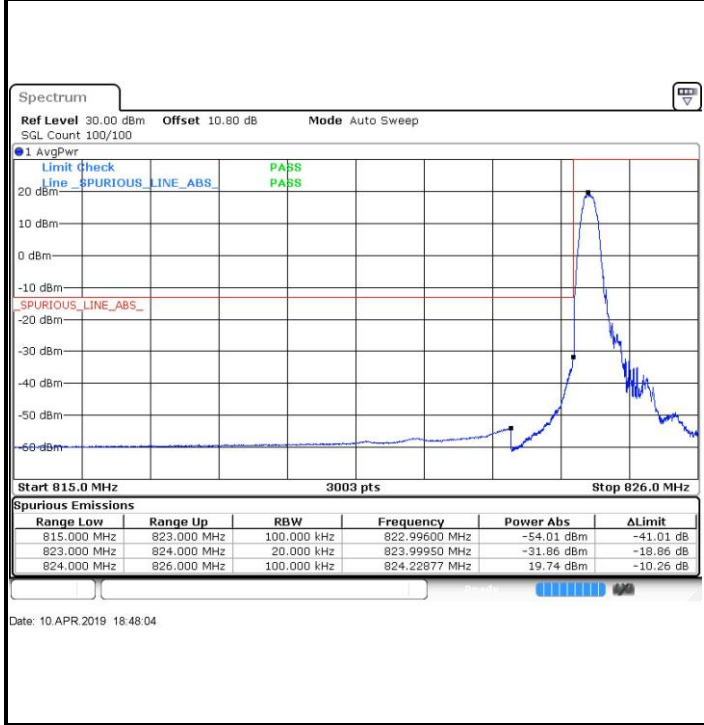
Conducted Band Edge



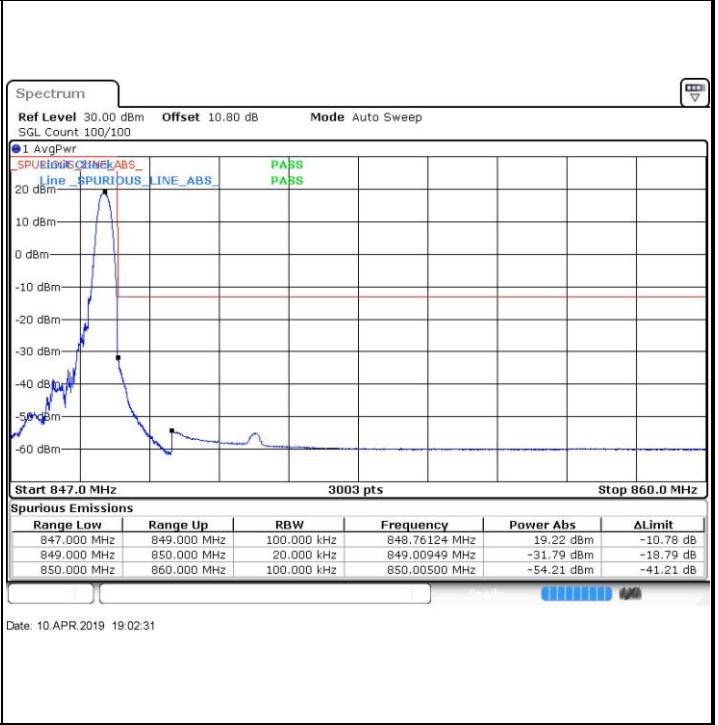


LTE Band 5 / 1.4MHz / 16QAM

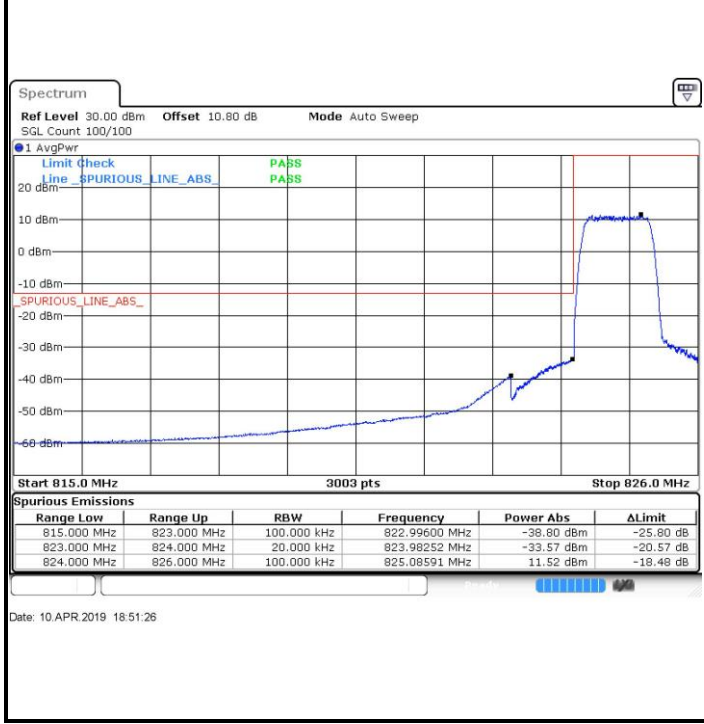
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



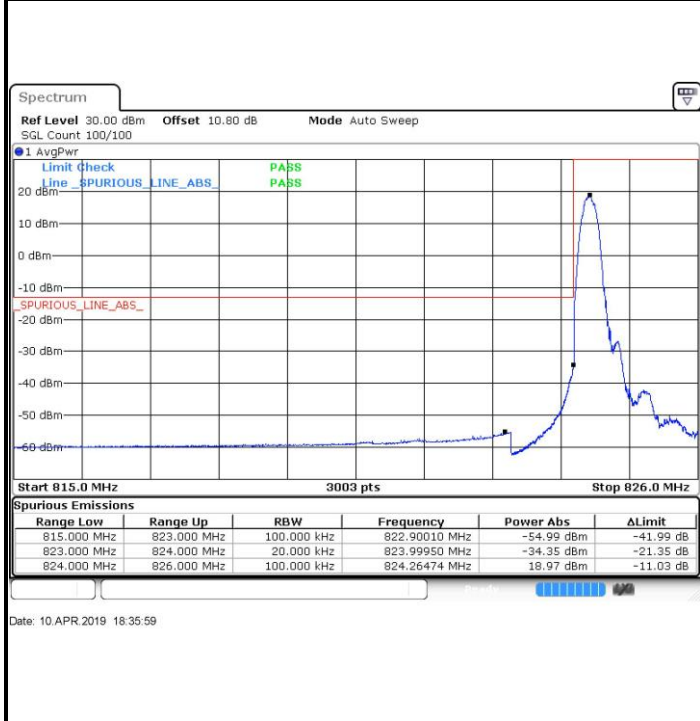
Highest Band Edge / Full RB



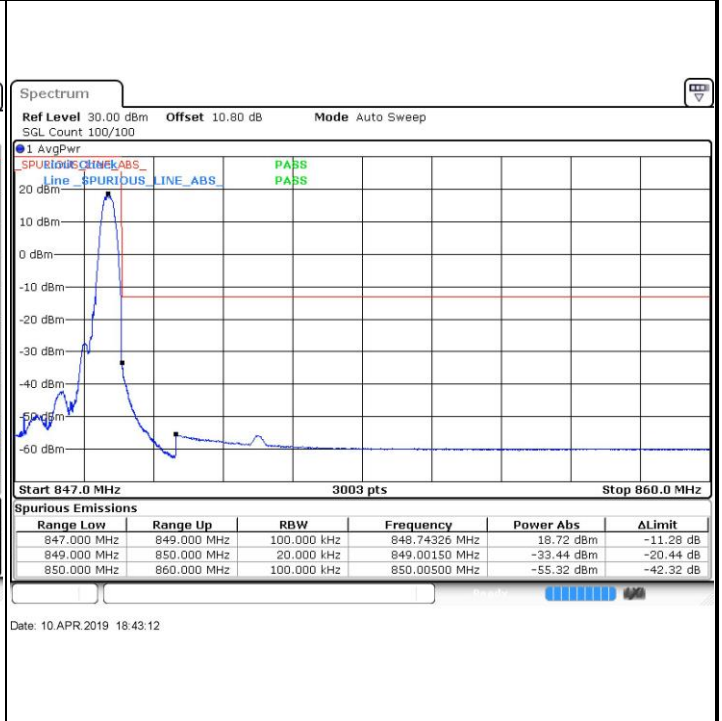


LTE Band 5 / 1.4MHz / 64QAM

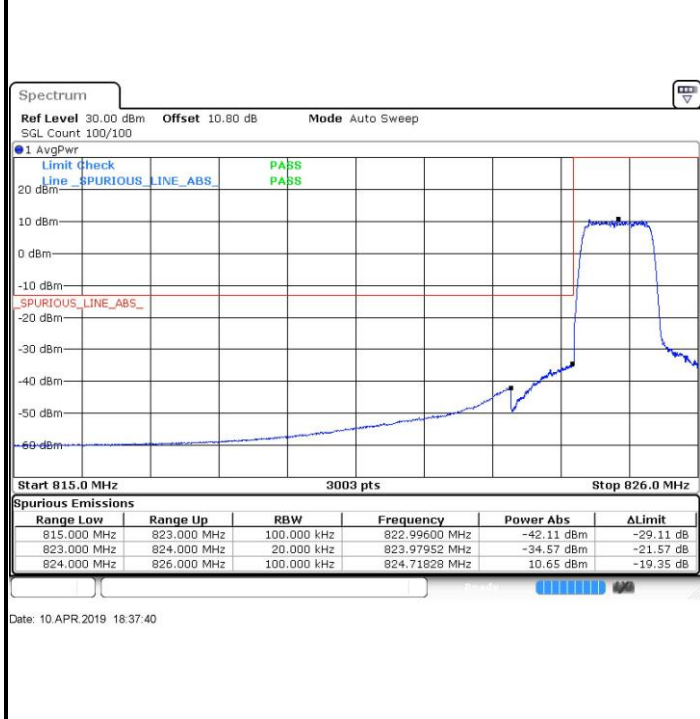
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

