



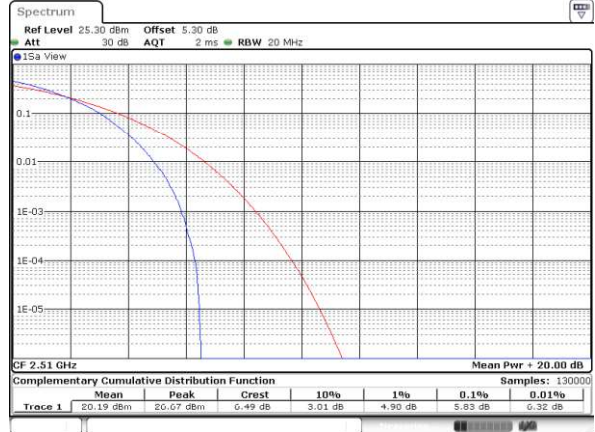
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



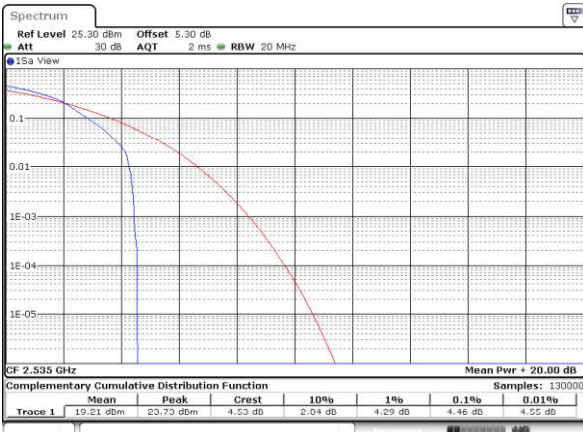
Date: 6 APR 2019 13:45:01

Lowest Channel / Full RB



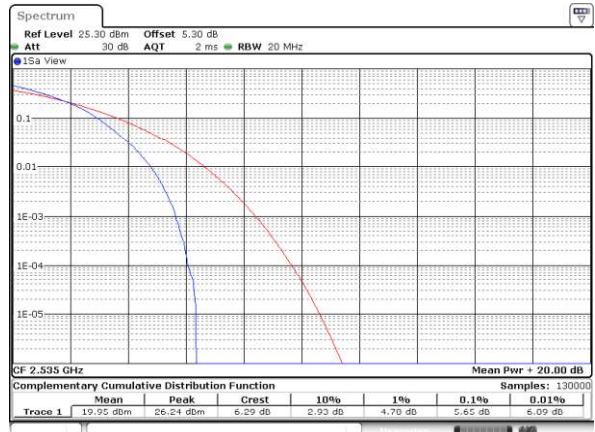
Date: 6 APR 2019 13:45:30

Middle Channel / 1RB



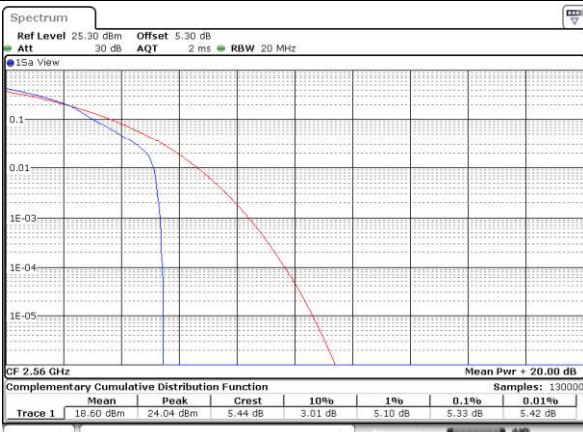
Date: 6 APR 2019 13:46:06

Middle Channel / Full RB



Date: 6 APR 2019 13:45:39

Highest Channel / 1RB



Date: 6 APR 2019 13:46:15

Highest Channel / Full RB



Date: 6 APR 2019 13:46:42



**26dB Bandwidth**

| Mode       | LTE Band 2 : 26dB BW(MHz) |       |       |       |       |       |       |       |        |        |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
|            | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz  |        | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  | QPSK  | 16QAM |
| Lowest CH  | 1.287                     | 1.287 | 3.033 | 3.045 | 5.005 | 4.895 | 9.95  | 9.85  | 14.146 | 14.326 | 20.06 | 20.14 |
| Middle CH  | 1.278                     | 1.281 | 2.997 | 3.027 | 4.875 | 4.885 | 9.75  | 9.63  | 14.386 | 14.476 | 20.14 | 20.06 |
| Highest CH | 1.264                     | 1.312 | 2.985 | 3.003 | 4.895 | 5.005 | 9.75  | 9.65  | 14.386 | 14.386 | 20.22 | 20.3  |

| Mode       | LTE Band 4 : 26dB BW(MHz) |       |       |       |       |       |       |       |        |        |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
|            | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz  |        | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  | QPSK  | 16QAM |
| Lowest CH  | 1.276                     | 1.270 | 2.985 | 3.009 | 4.915 | 4.955 | 9.69  | 9.79  | 14.326 | 14.296 | 20.18 | 19.9  |
| Middle CH  | 1.264                     | 1.281 | 3.009 | 3.021 | 4.995 | 4.835 | 9.89  | 9.69  | 14.296 | 14.505 | 20.3  | 20.02 |
| Highest CH | 1.278                     | 1.281 | 2.991 | 2.991 | 4.925 | 4.915 | 9.85  | 9.87  | 14.326 | 14.595 | 20.14 | 20.06 |

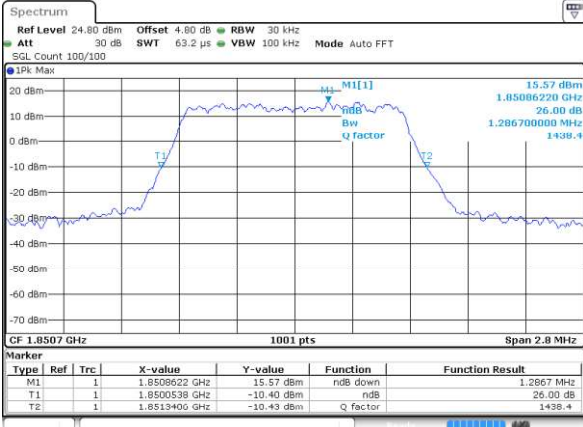
| Mode       | LTE Band 5 : 26dB BW(MHz) |       |       |       |       |       |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|
|            | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.290                     | 1.262 | 2.961 | 3.033 | 4.905 | 4.905 | 10.01 | 9.73  |
| Middle CH  | 1.267                     | 1.270 | 2.991 | 2.997 | 5.025 | 4.925 | 9.97  | 9.73  |
| Highest CH | 1.278                     | 1.295 | 3.009 | 3.003 | 4.995 | 4.885 | 9.75  | 9.75  |

| Mode       | LTE Band 7 : 26dB BW(MHz) |       |       |       |        |        |       |       |
|------------|---------------------------|-------|-------|-------|--------|--------|-------|-------|
|            | 5MHz                      |       | 10MHz |       | 15MHz  |        | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  | QPSK  | 16QAM |
| Lowest CH  | 4.855                     | 4.975 | 9.81  | 9.77  | 14.416 | 14.266 | 20.22 | 20.26 |
| Middle CH  | 4.935                     | 4.865 | 9.99  | 9.67  | 14.386 | 14.655 | 20.18 | 20.14 |
| Highest CH | 4.895                     | 4.965 | 10.01 | 9.67  | 14.326 | 14.835 | 20.1  | 20.34 |



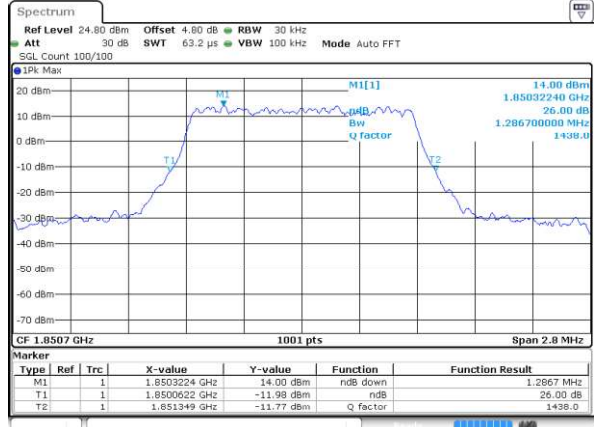
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



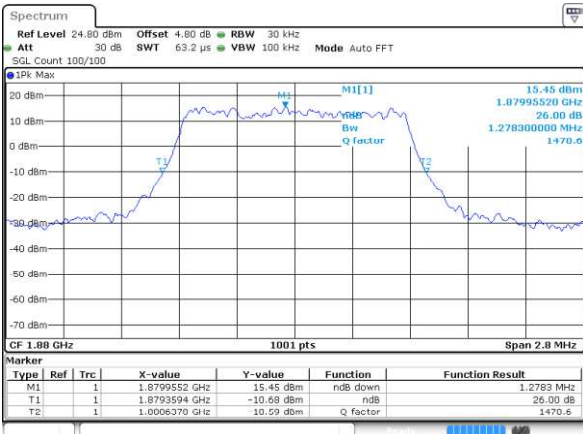
Date: 6 APR 2019 13:55:21

Lowest Channel / 1.4MHz / 16QAM



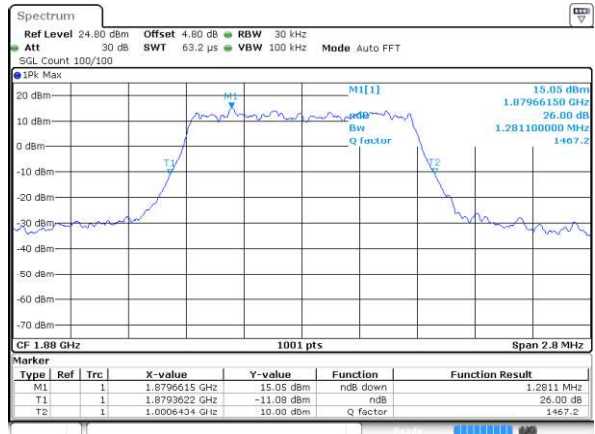
Date: 6 APR 2019 13:55:31

Middle Channel / 1.4MHz / QPSK



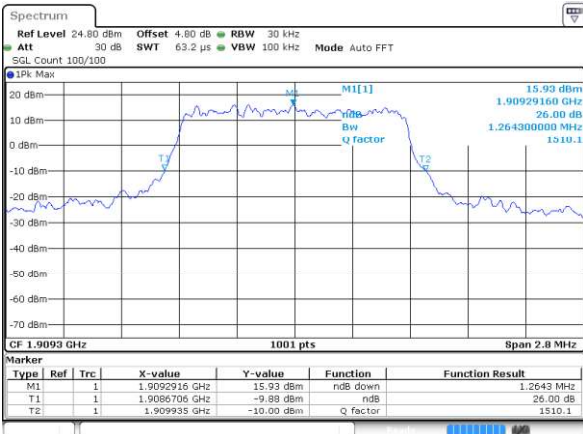
Date: 6 APR 2019 14:02:20

Middle Channel / 1.4MHz / 16QAM



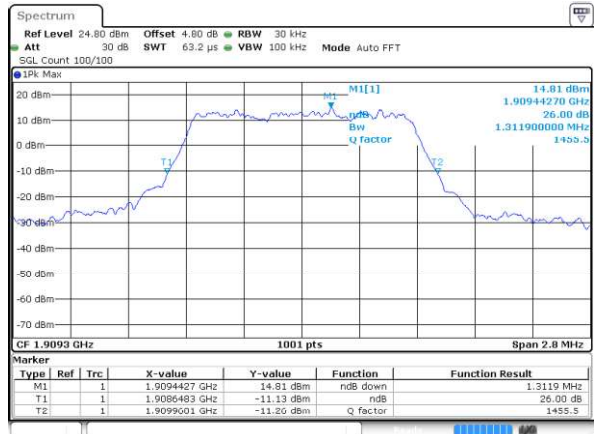
Date: 6 APR 2019 14:02:30

Highest Channel / 1.4MHz / QPSK



Date: 6 APR 2019 14:04:50

Highest Channel / 1.4MHz / 16QAM

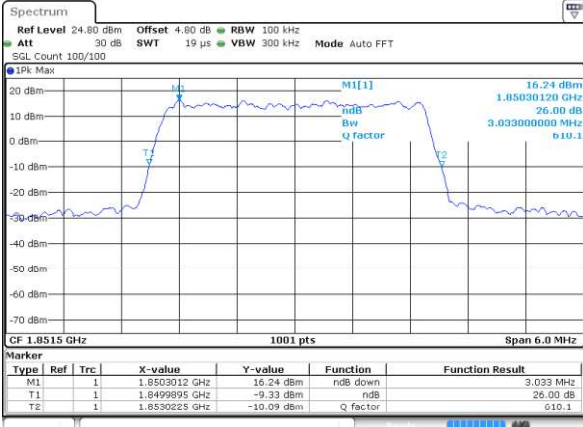


Date: 6 APR 2019 14:05:00



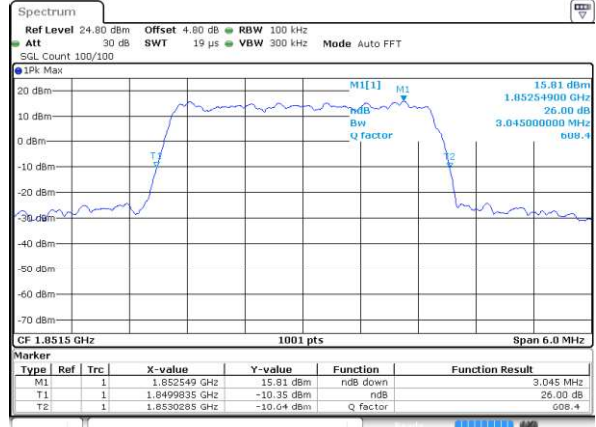
LTE Band 2

Lowest Channel / 3MHz / QPSK



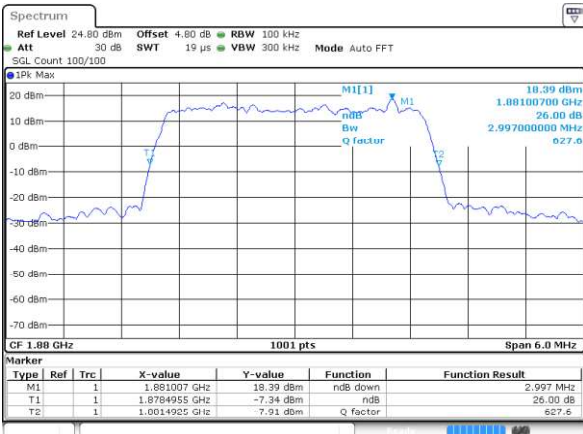
Date: 6 APR 2019 14:11:50

Lowest Channel / 3MHz / 16QAM



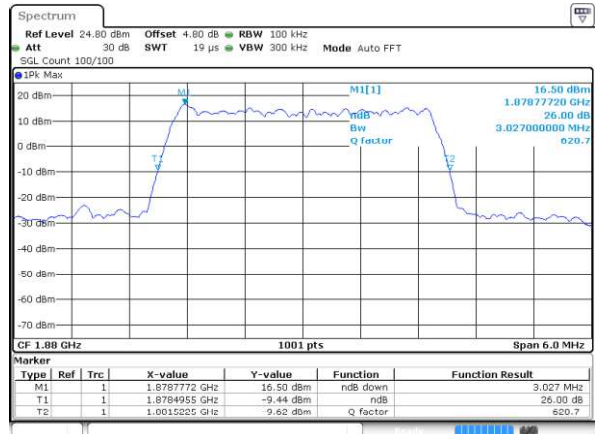
Date: 6 APR 2019 14:12:00

Middle Channel / 3MHz / QPSK



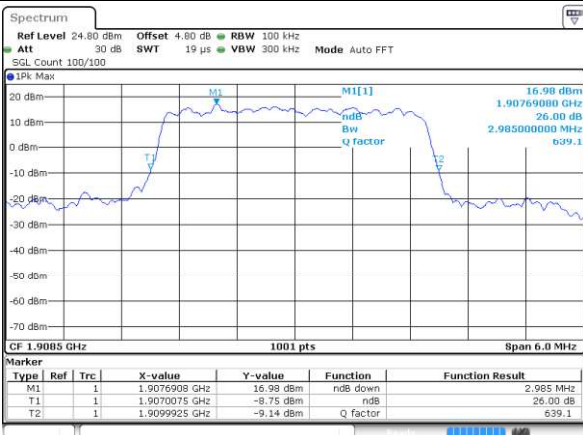
Date: 6 APR 2019 14:18:49

Middle Channel / 3MHz / 16QAM



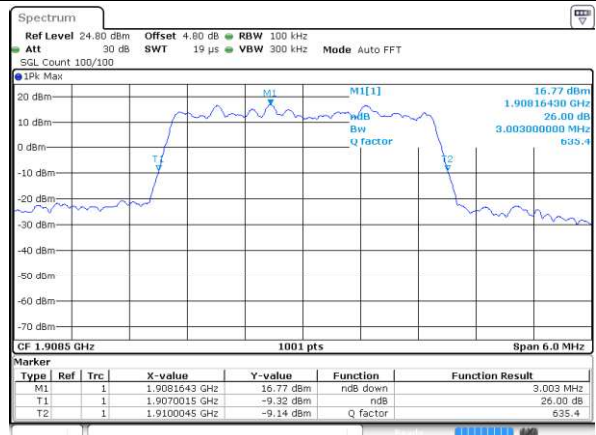
Date: 6 APR 2019 14:18:59

Highest Channel / 3MHz / QPSK



Date: 6 APR 2019 14:21:19

Highest Channel / 3MHz / 16QAM



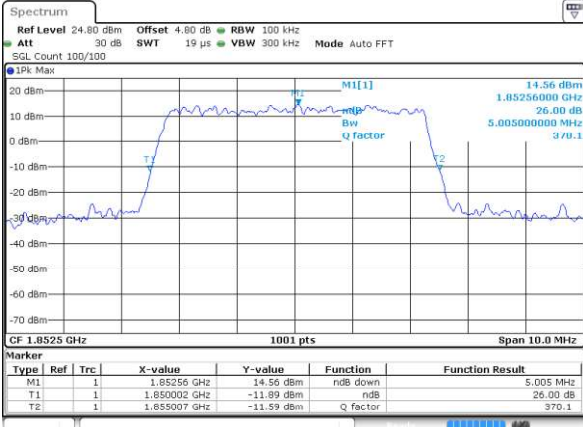
Date: 6 APR 2019 14:21:29





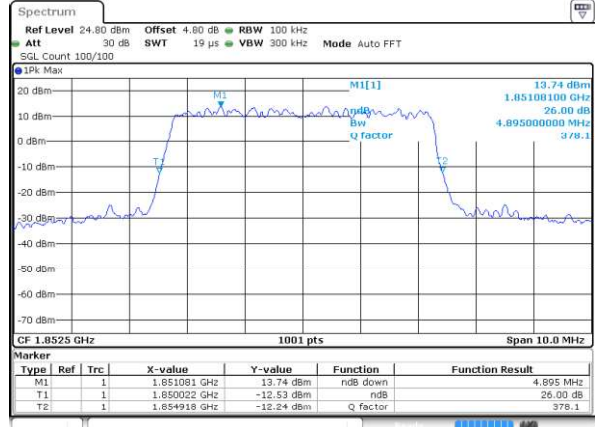
LTE Band 2

Lowest Channel / 5MHz / QPSK



Date: 6 APR 2019 14:28:19

Lowest Channel / 5MHz / 16QAM



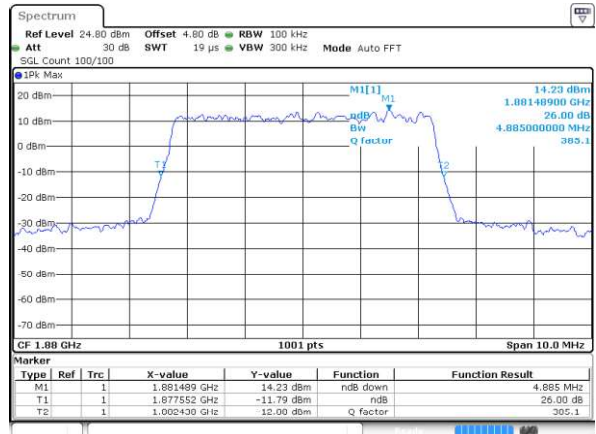
Date: 6 APR 2019 14:28:29

Middle Channel / 5MHz / QPSK



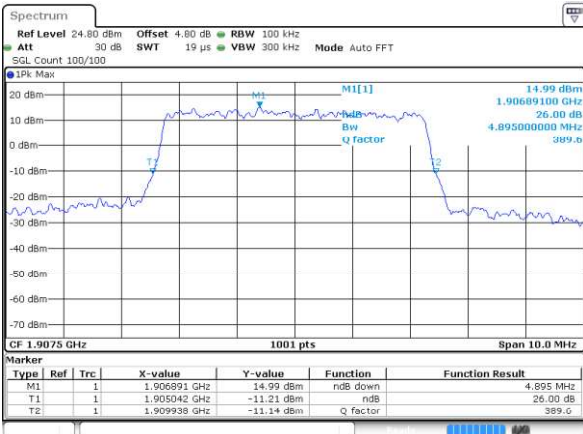
Date: 6 APR 2019 14:35:18

Middle Channel / 5MHz / 16QAM



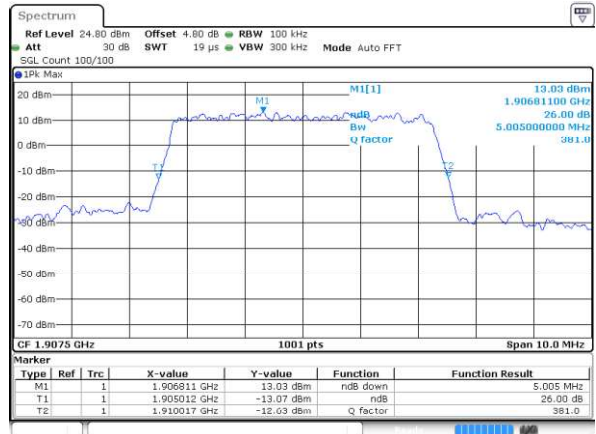
Date: 6 APR 2019 14:35:29

Highest Channel / 5MHz / QPSK



Date: 6 APR 2019 14:37:48

Highest Channel / 5MHz / 16QAM

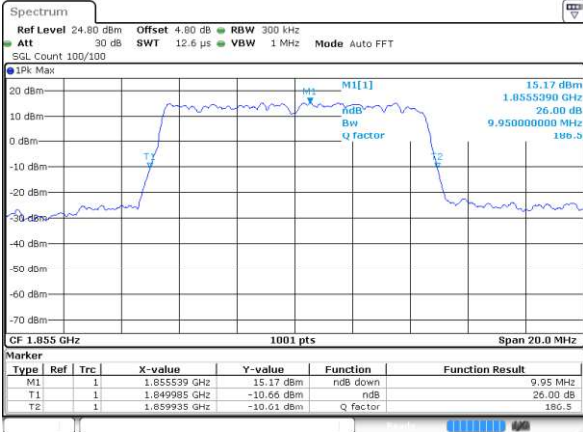


Date: 6 APR 2019 14:37:58



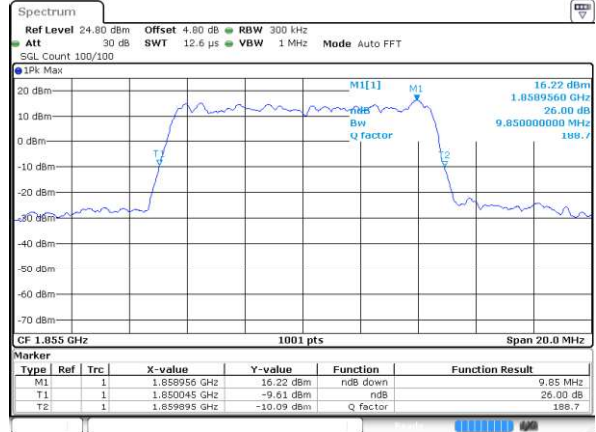
LTE Band 2

Lowest Channel / 10MHz / QPSK



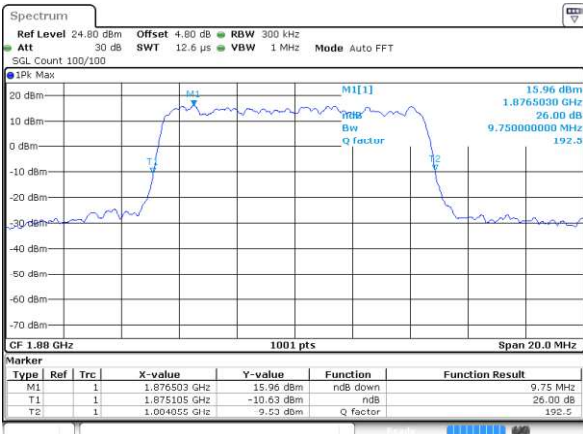
Date: 6 APR 2019 14:44:48

Lowest Channel / 10MHz / 16QAM



Date: 6 APR 2019 14:44:58

Middle Channel / 10MHz / QPSK



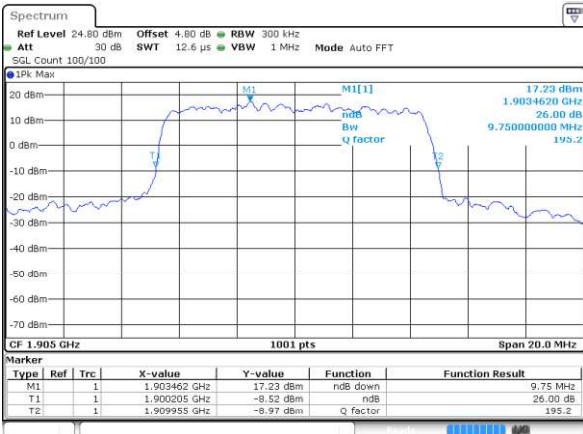
Date: 6 APR 2019 14:51:47

Middle Channel / 10MHz / 16QAM



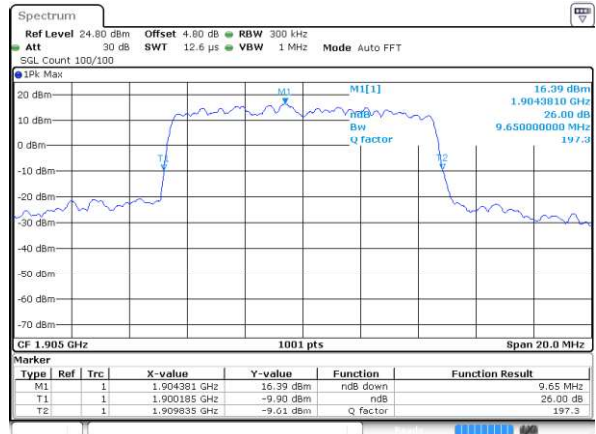
Date: 6 APR 2019 14:51:58

Highest Channel / 10MHz / QPSK



Date: 6 APR 2019 14:54:17

Highest Channel / 10MHz / 16QAM

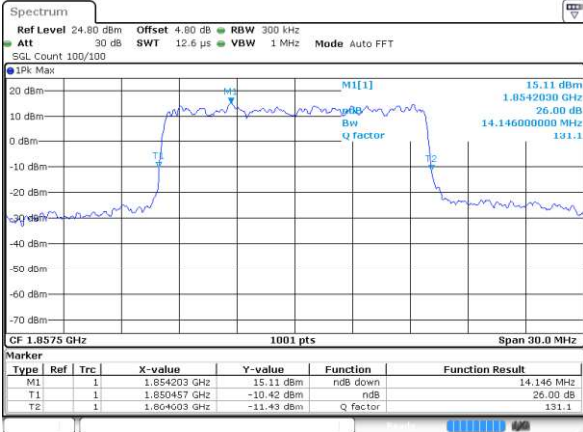


Date: 6 APR 2019 14:54:27



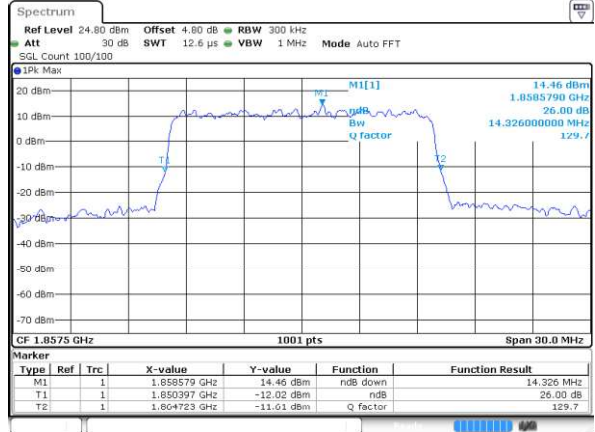
LTE Band 2

Lowest Channel / 15MHz / QPSK



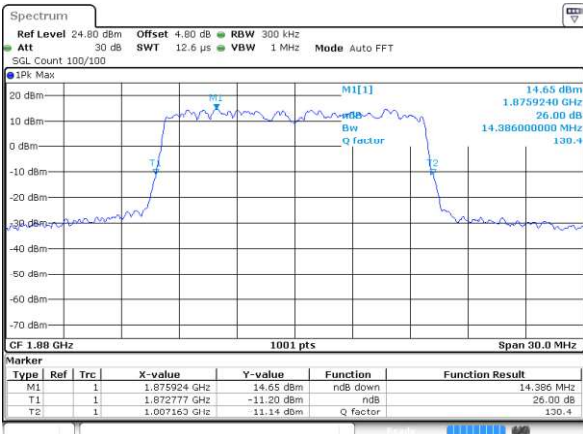
Date: 6 APR 2019 15:01:17

Lowest Channel / 15MHz / 16QAM



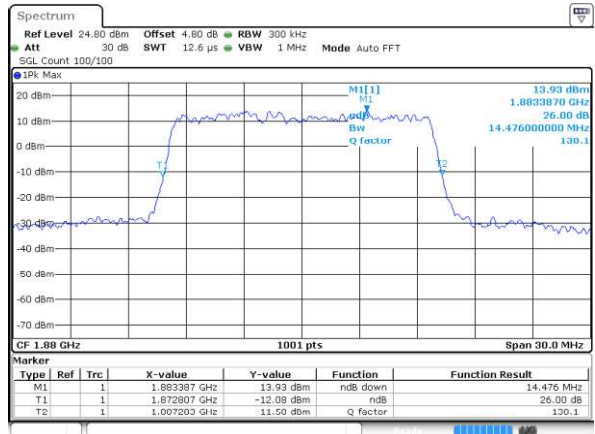
Date: 6 APR 2019 15:01:27

Middle Channel / 15MHz / QPSK



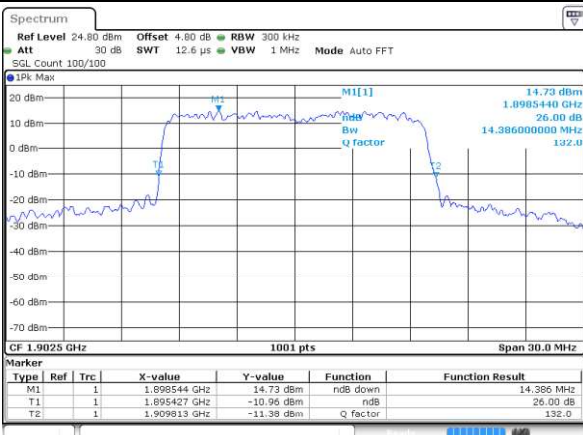
Date: 6 APR 2019 15:08:16

Middle Channel / 15MHz / 16QAM



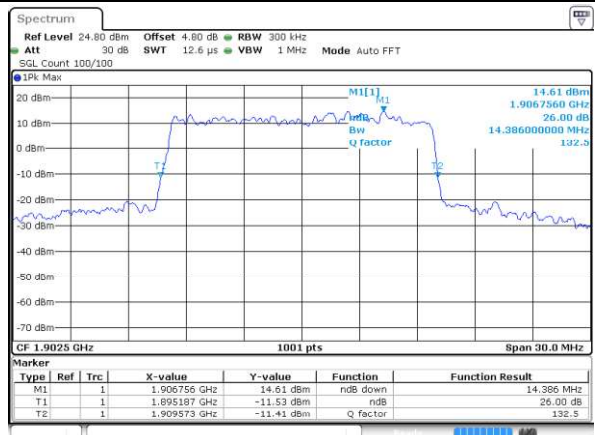
Date: 6 APR 2019 15:08:25

Highest Channel / 15MHz / QPSK



Date: 6 APR 2019 15:10:46

Highest Channel / 15MHz / 16QAM

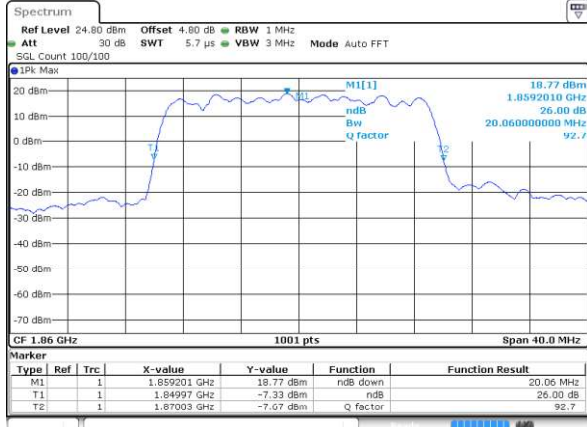


Date: 6 APR 2019 15:10:56



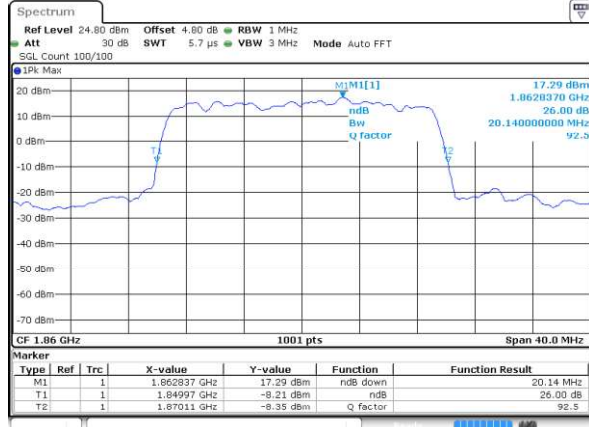
LTE Band 2

Lowest Channel / 20MHz / QPSK



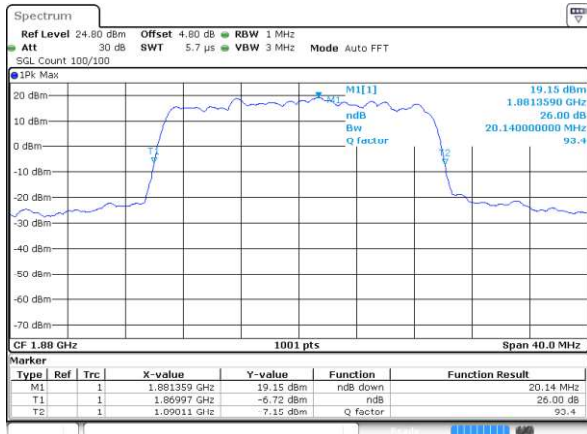
Date: 6 APR 2019 15:17:45

Lowest Channel / 20MHz / 16QAM



Date: 6 APR 2019 15:17:55

Middle Channel / 20MHz / QPSK



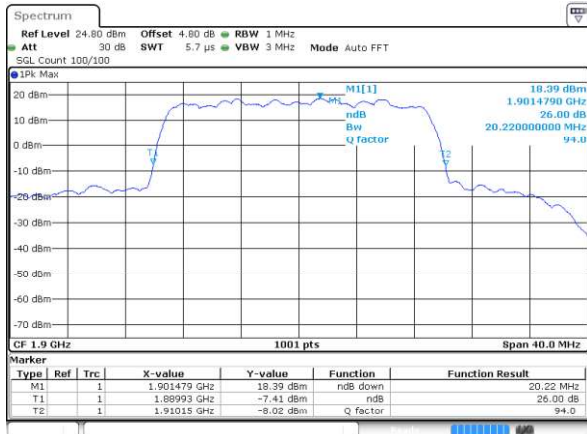
Date: 6 APR 2019 15:24:45

Middle Channel / 20MHz / 16QAM



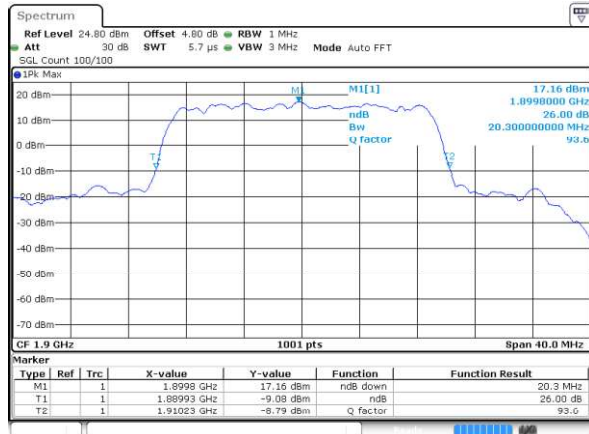
Date: 6 APR 2019 15:24:55

Highest Channel / 20MHz / QPSK



Date: 6 APR 2019 15:27:15

Highest Channel / 20MHz / 16QAM



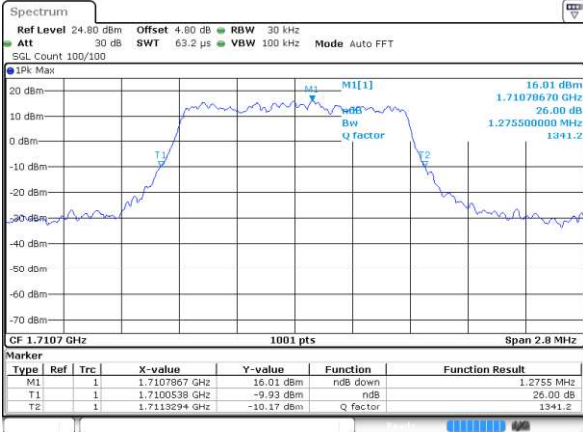
Date: 6 APR 2019 15:27:25





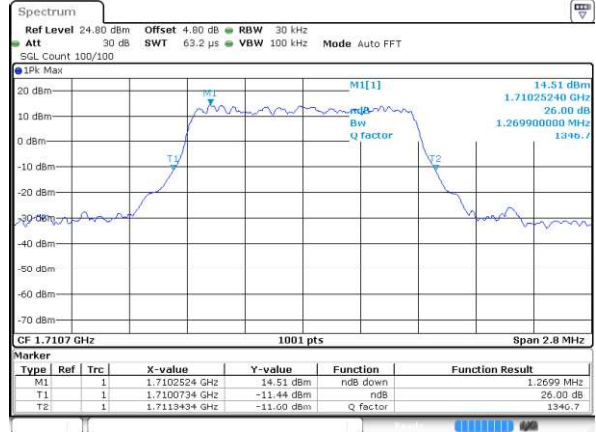
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



Date: 6 APR 2019 15:36:56

Lowest Channel / 1.4MHz / 16QAM



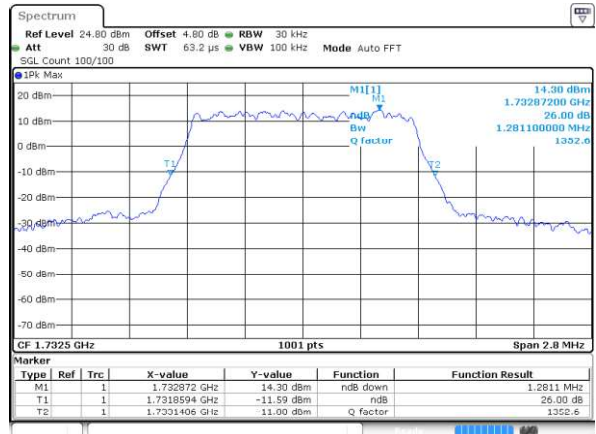
Date: 6 APR 2019 15:37:06

Middle Channel / 1.4MHz / QPSK



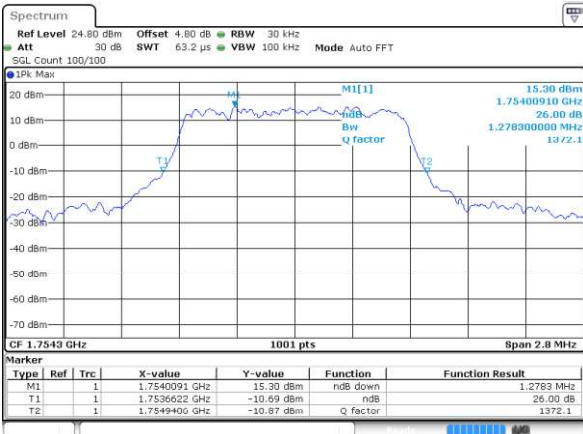
Date: 6 APR 2019 15:43:55

Middle Channel / 1.4MHz / 16QAM



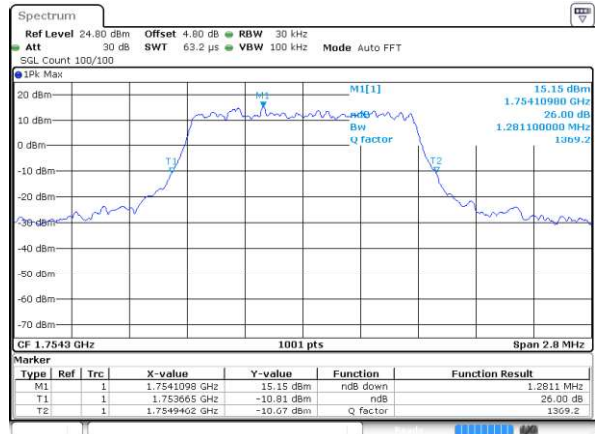
Date: 6 APR 2019 15:44:05

Highest Channel / 1.4MHz / QPSK



Date: 6 APR 2019 15:46:25

Highest Channel / 1.4MHz / 16QAM

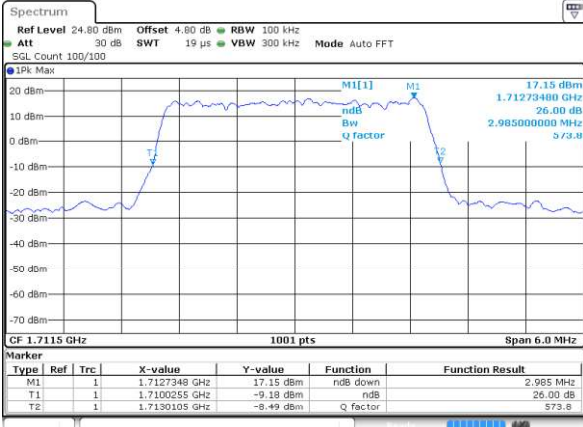


Date: 6 APR 2019 15:46:35



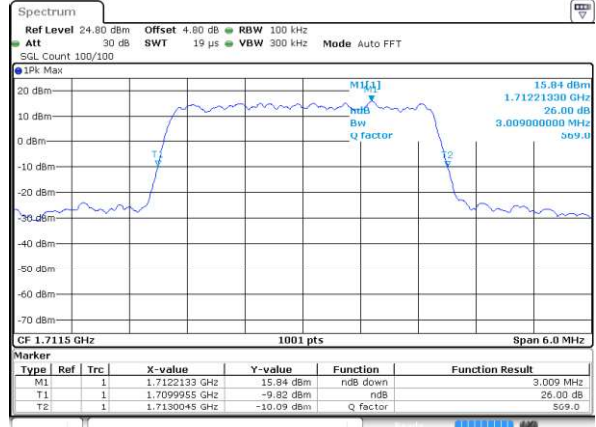
LTE Band 4

Lowest Channel / 3MHz / QPSK



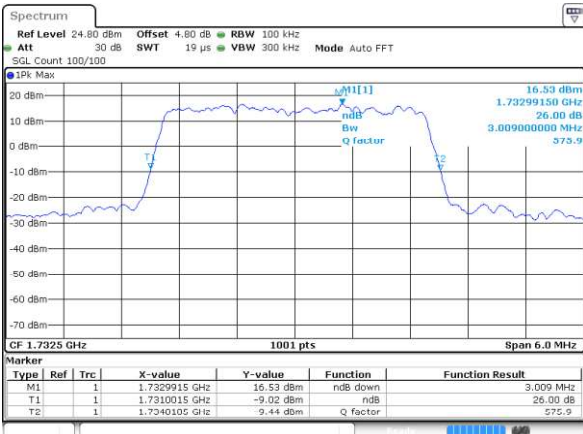
Date: 6 APR 2019 15:53:24

Lowest Channel / 3MHz / 16QAM



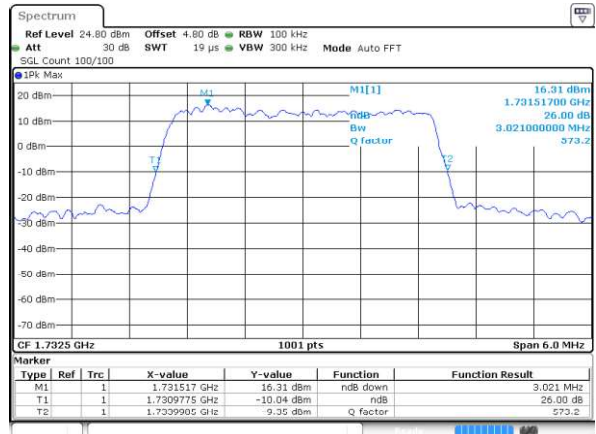
Date: 6 APR 2019 15:53:34

Middle Channel / 3MHz / QPSK



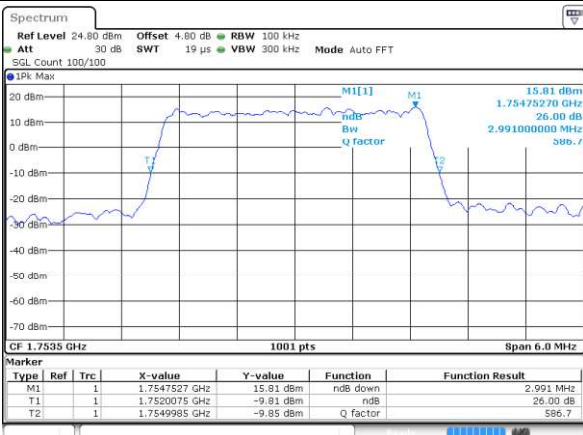
Date: 6 APR 2019 16:00:24

Middle Channel / 3MHz / 16QAM



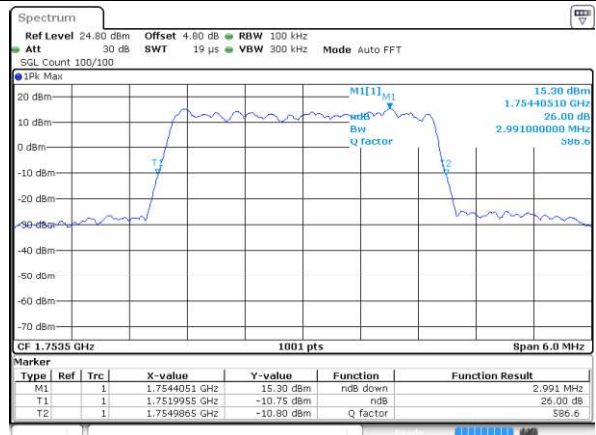
Date: 6 APR 2019 16:00:34

Highest Channel / 3MHz / QPSK



Date: 6 APR 2019 16:02:53

Highest Channel / 3MHz / 16QAM

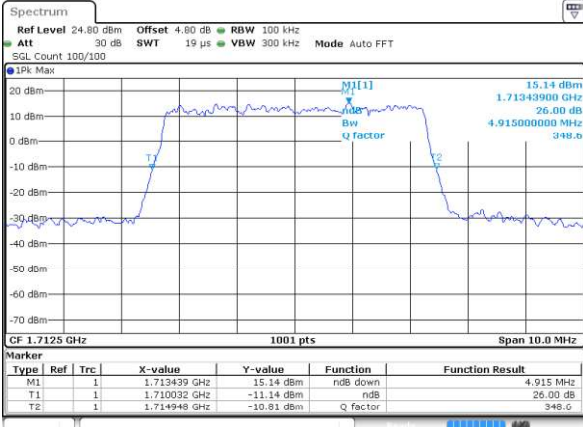


Date: 6 APR 2019 16:03:03



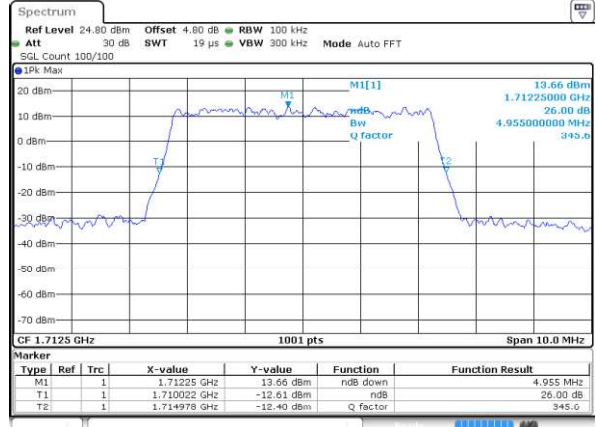
LTE Band 4

Lowest Channel / 5MHz / QPSK



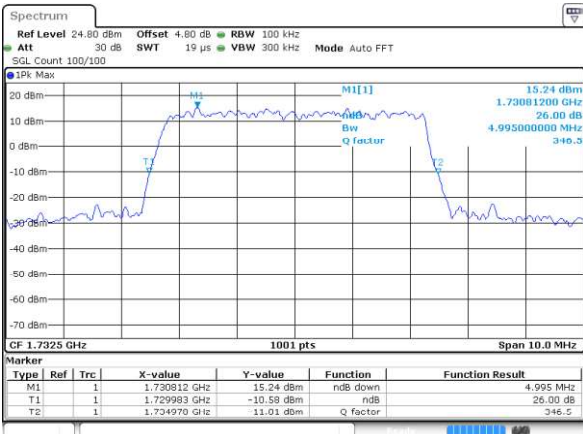
Date: 6 APR 2019 16:09:53

Lowest Channel / 5MHz / 16QAM



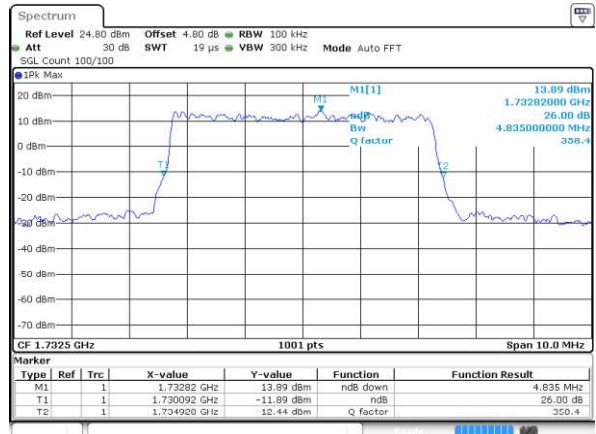
Date: 6 APR 2019 16:10:03

Middle Channel / 5MHz / QPSK



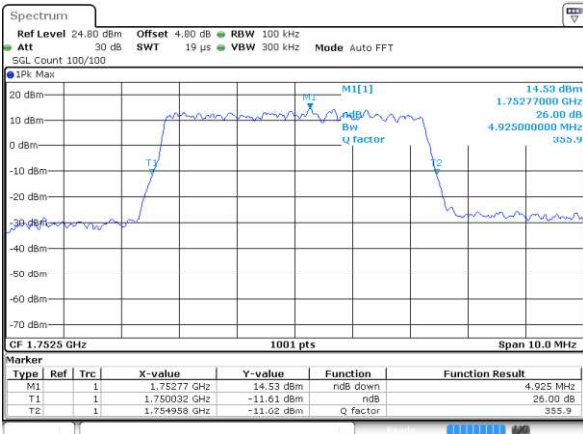
Date: 6 APR 2019 16:16:53

Middle Channel / 5MHz / 16QAM



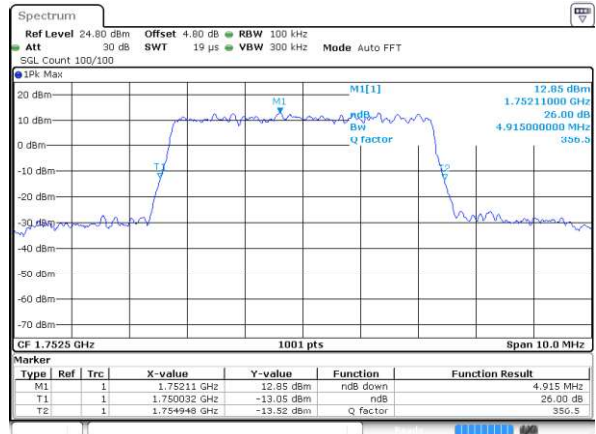
Date: 6 APR 2019 16:17:03

Highest Channel / 5MHz / QPSK



Date: 6 APR 2019 16:19:22

Highest Channel / 5MHz / 16QAM

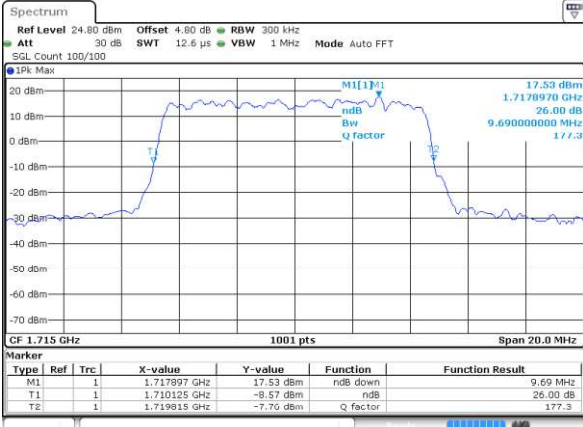


Date: 6 APR 2019 16:19:32



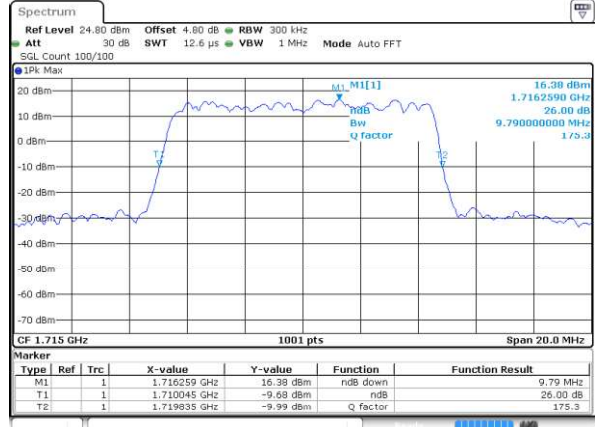
LTE Band 4

Lowest Channel / 10MHz / QPSK



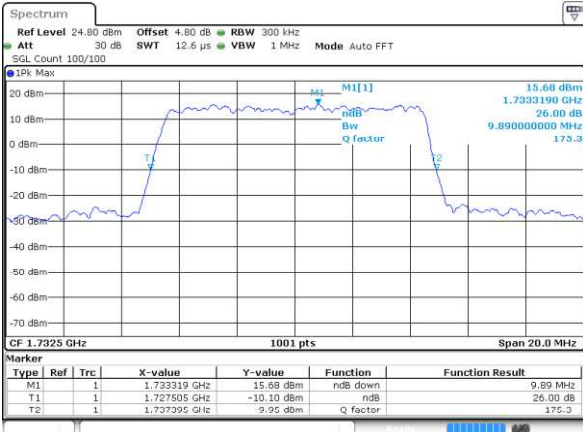
Date: 6 APR 2019 16:26:22

Lowest Channel / 10MHz / 16QAM



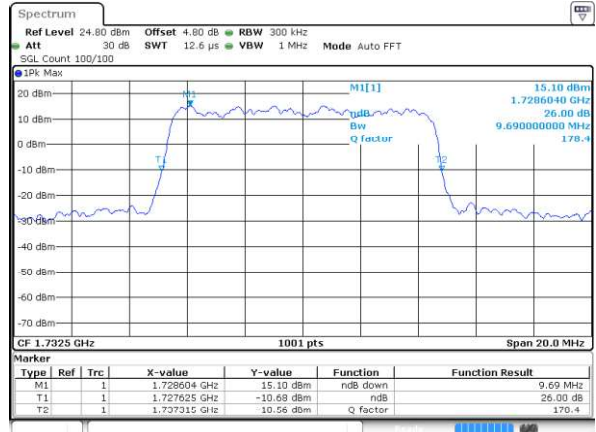
Date: 6 APR 2019 16:26:32

Middle Channel / 10MHz / QPSK



Date: 6 APR 2019 16:33:21

Middle Channel / 10MHz / 16QAM



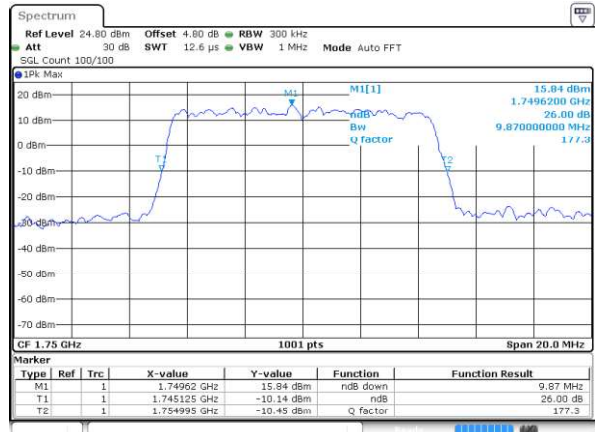
Date: 6 APR 2019 16:33:31

Highest Channel / 10MHz / QPSK



Date: 6 APR 2019 16:35:51

Highest Channel / 10MHz / 16QAM



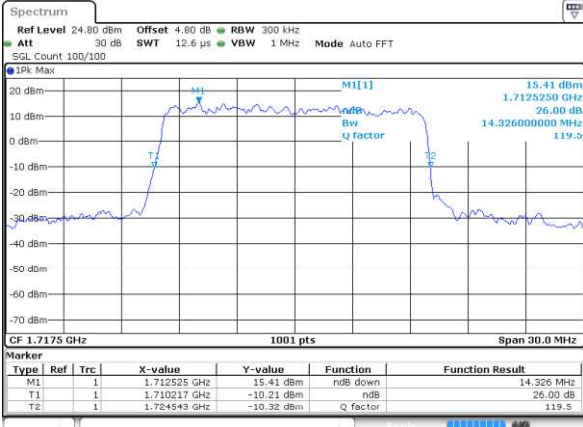
Date: 6 APR 2019 16:36:01





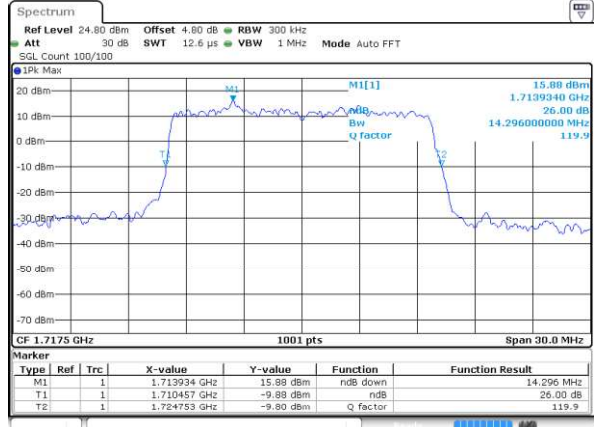
LTE Band 4

Lowest Channel / 15MHz / QPSK



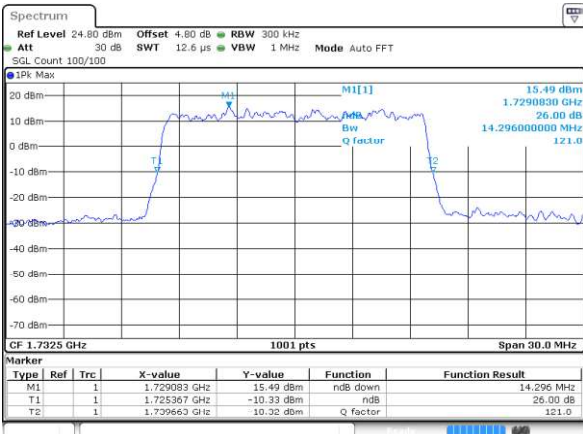
Date: 6 APR 2019 16:42:50

Lowest Channel / 15MHz / 16QAM



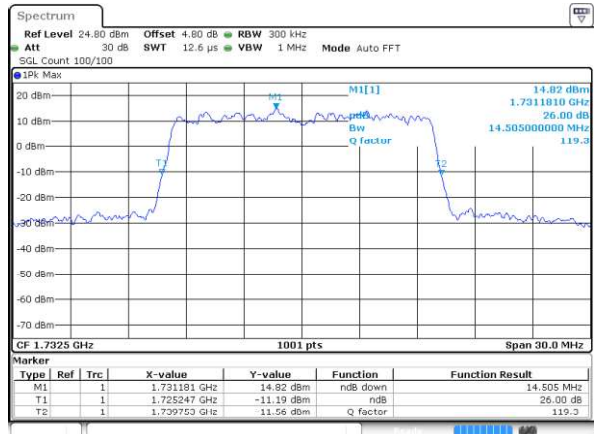
Date: 6 APR 2019 16:43:00

Middle Channel / 15MHz / QPSK



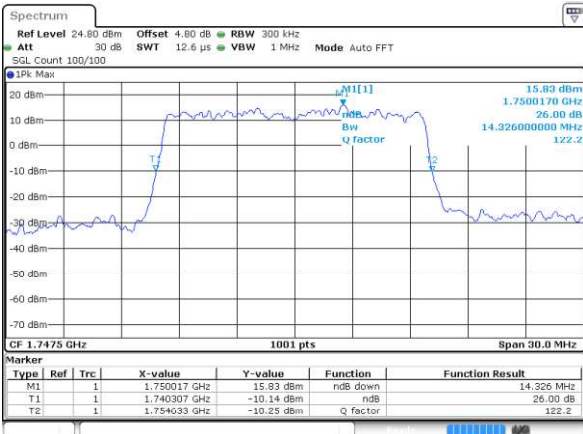
Date: 6 APR 2019 16:49:50

Middle Channel / 15MHz / 16QAM



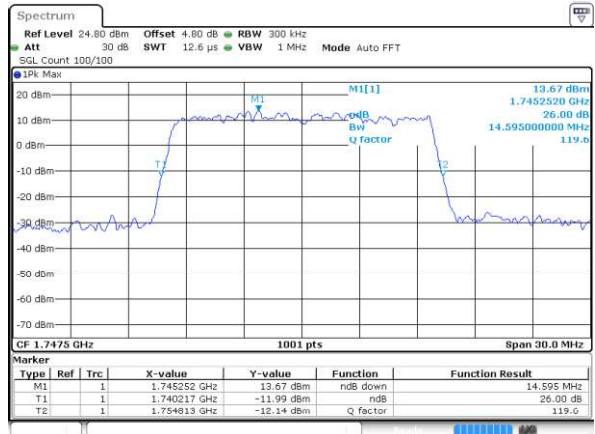
Date: 6 APR 2019 16:50:00

Highest Channel / 15MHz / QPSK



Date: 6 APR 2019 16:52:20

Highest Channel / 15MHz / 16QAM

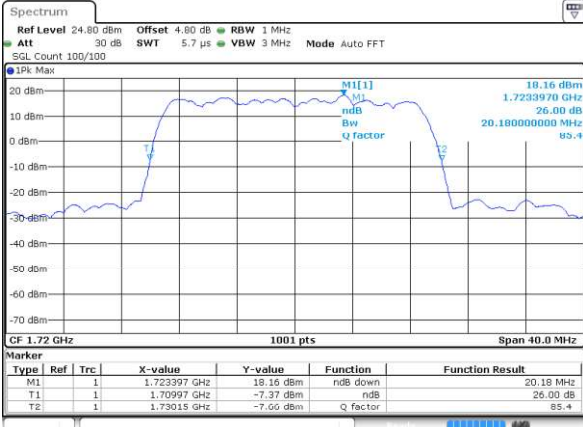


Date: 6 APR 2019 16:52:30



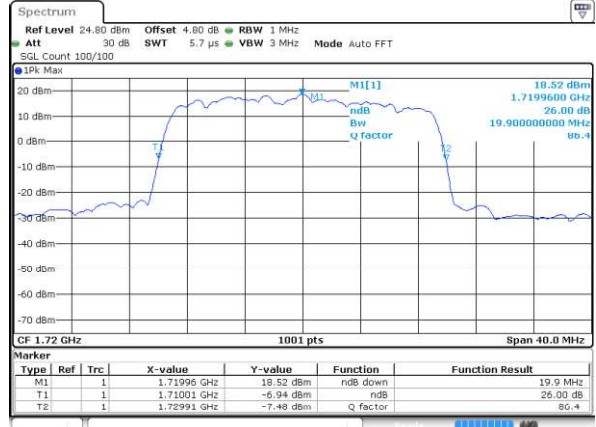
LTE Band 4

Lowest Channel / 20MHz / QPSK



Date: 6 APR 2019 16:59:20

Lowest Channel / 20MHz / 16QAM



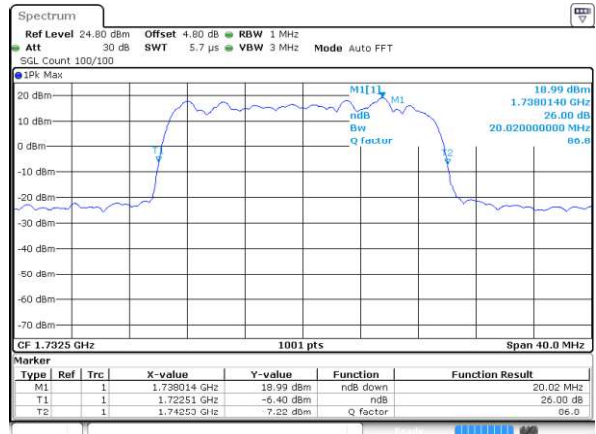
Date: 6 APR 2019 16:59:30

Middle Channel / 20MHz / QPSK



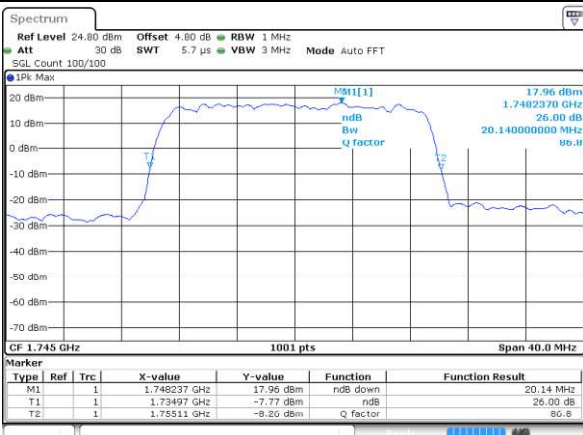
Date: 6 APR 2019 17:06:19

Middle Channel / 20MHz / 16QAM



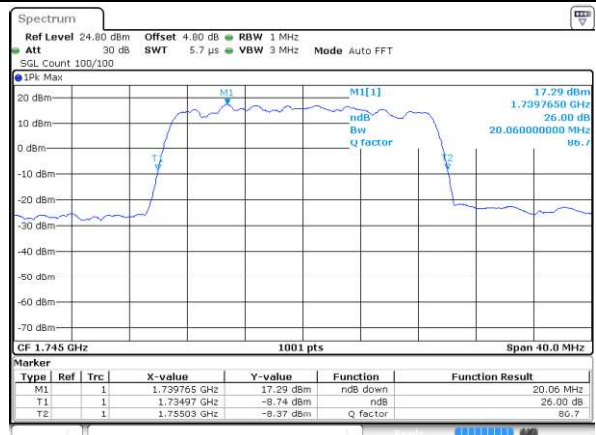
Date: 6 APR 2019 17:06:29

Highest Channel / 20MHz / QPSK



Date: 6 APR 2019 17:08:49

Highest Channel / 20MHz / 16QAM

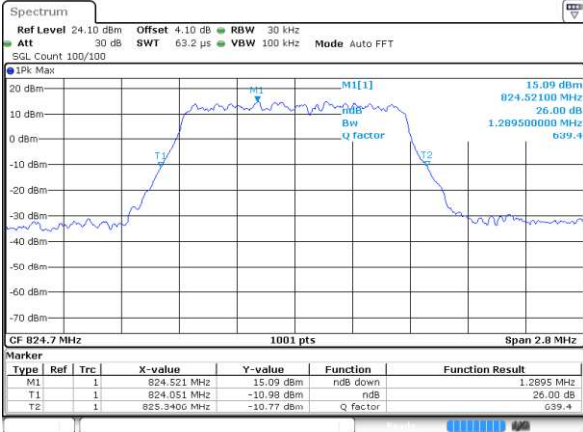


Date: 6 APR 2019 17:08:59



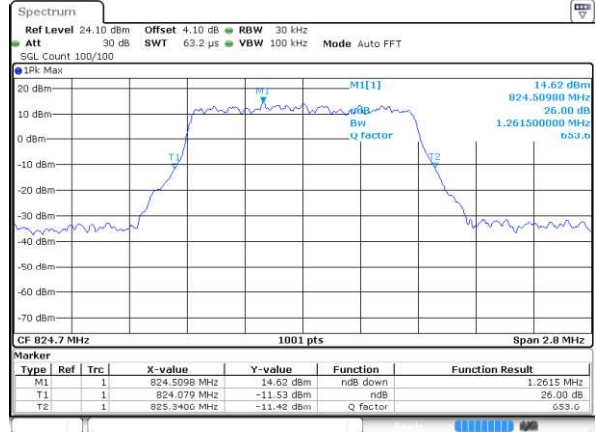
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



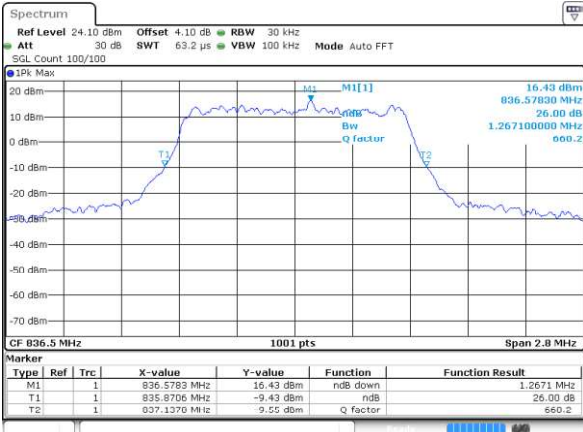
Date: 6 APR 2019 18:01:27

Lowest Channel / 1.4MHz / 16QAM



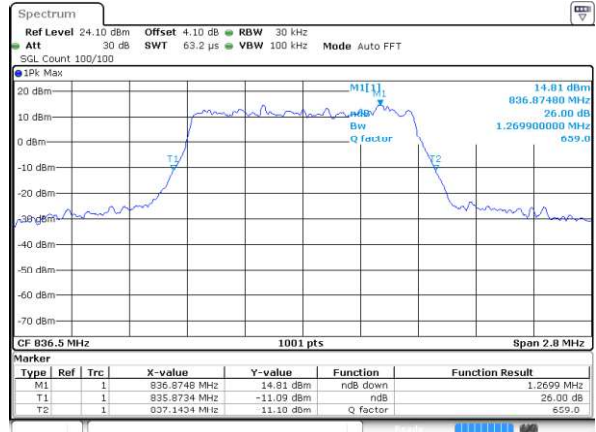
Date: 6 APR 2019 18:01:17

Middle Channel / 1.4MHz / QPSK



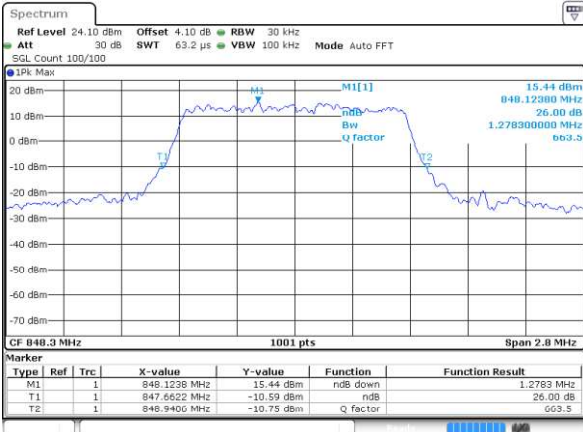
Date: 6 APR 2019 18:10:16

Middle Channel / 1.4MHz / 16QAM



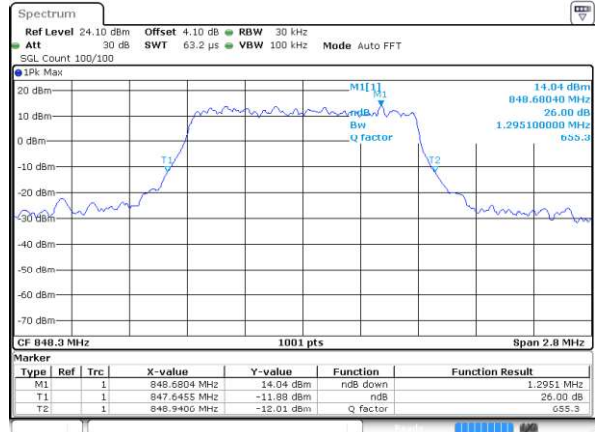
Date: 6 APR 2019 18:10:26

Highest Channel / 1.4MHz / QPSK



Date: 6 APR 2019 18:12:45

Highest Channel / 1.4MHz / 16QAM

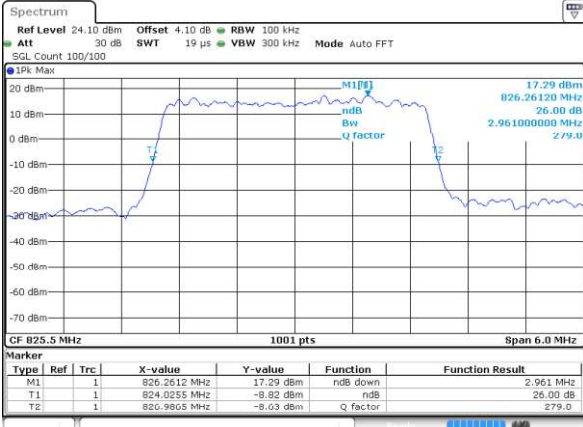


Date: 6 APR 2019 18:12:55



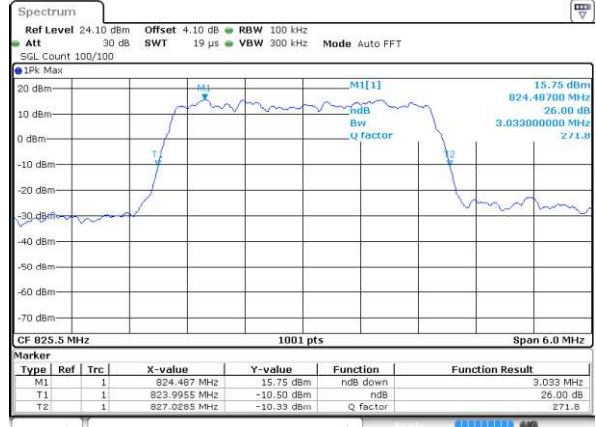
LTE Band 5

Lowest Channel / 3MHz / QPSK



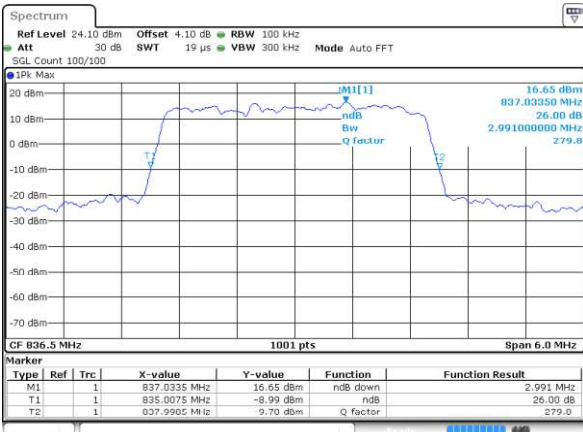
Date: 6 APR 2019 18:21:44

Lowest Channel / 3MHz / 16QAM



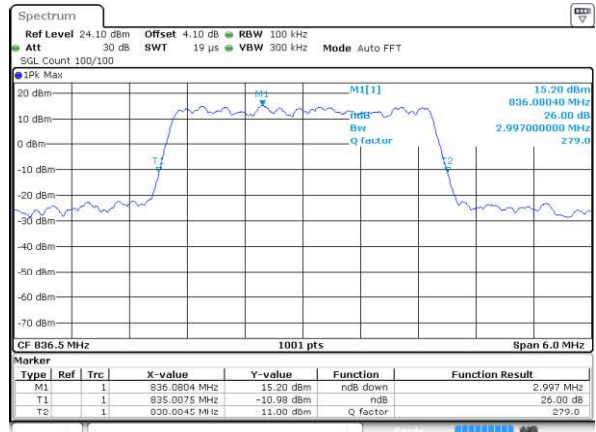
Date: 6 APR 2019 18:21:54

Middle Channel / 3MHz / QPSK



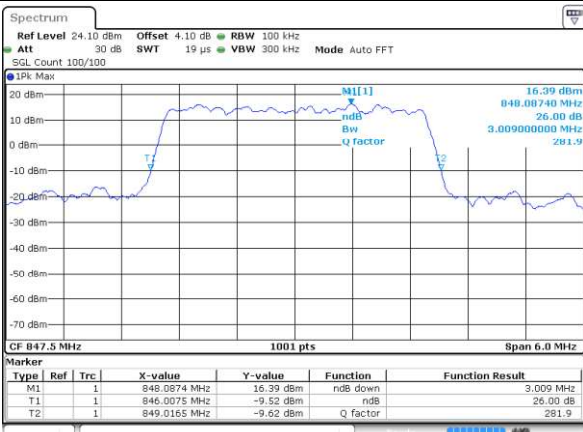
Date: 6 APR 2019 19:59:51

Middle Channel / 3MHz / 16QAM



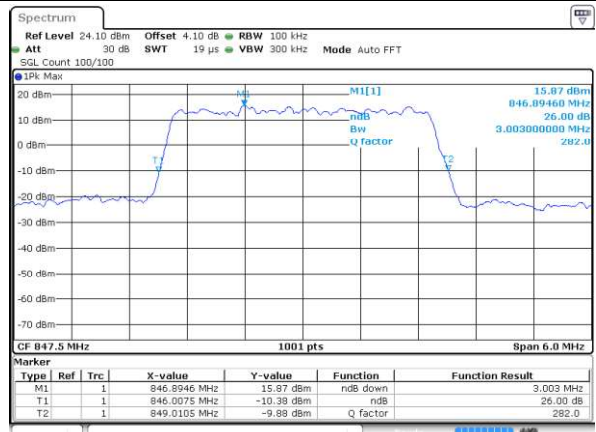
Date: 6 APR 2019 19:59:31

Highest Channel / 3MHz / QPSK



Date: 6 APR 2019 19:58:18

Highest Channel / 3MHz / 16QAM



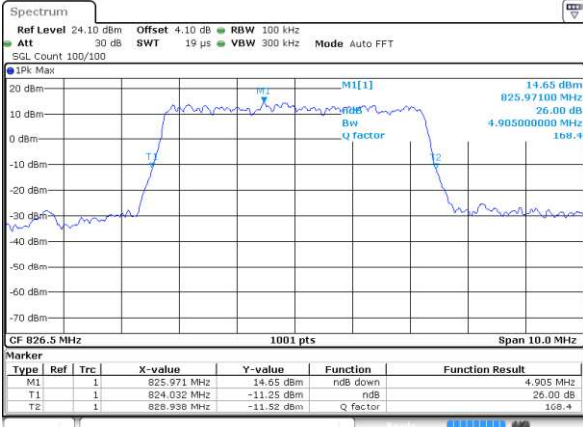
Date: 6 APR 2019 19:58:38





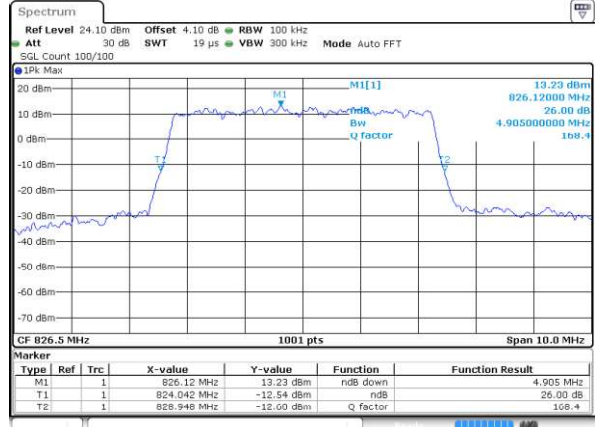
LTE Band 5

Lowest Channel / 5MHz / QPSK



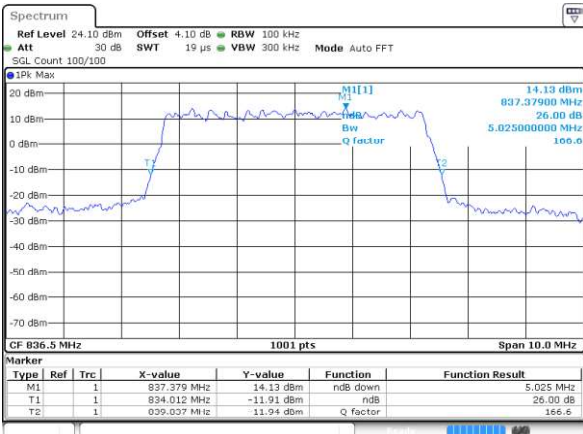
Date: 6 APR 2019 19:53:08

Lowest Channel / 5MHz / 16QAM



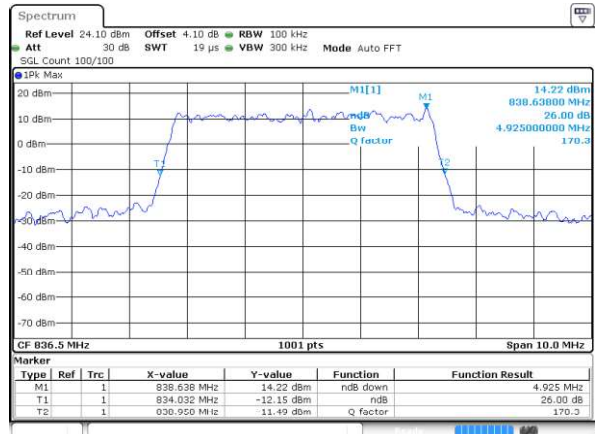
Date: 6 APR 2019 19:52:49

Middle Channel / 5MHz / QPSK



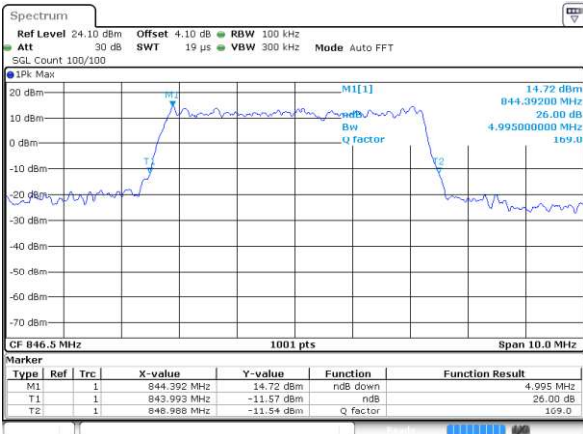
Date: 6 APR 2019 18:23:19

Middle Channel / 5MHz / 16QAM



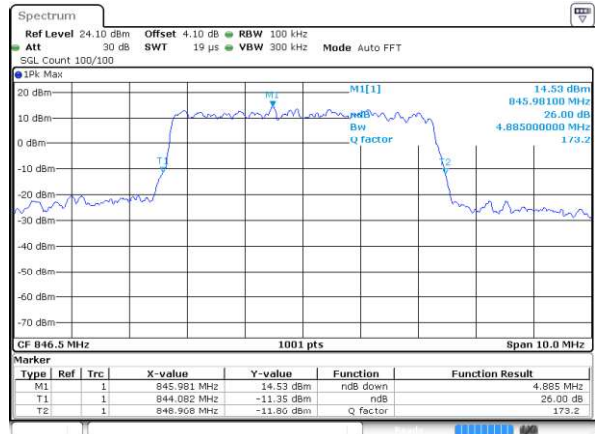
Date: 6 APR 2019 18:23:29

Highest Channel / 5MHz / QPSK



Date: 6 APR 2019 18:25:48

Highest Channel / 5MHz / 16QAM



Date: 6 APR 2019 18:25:58