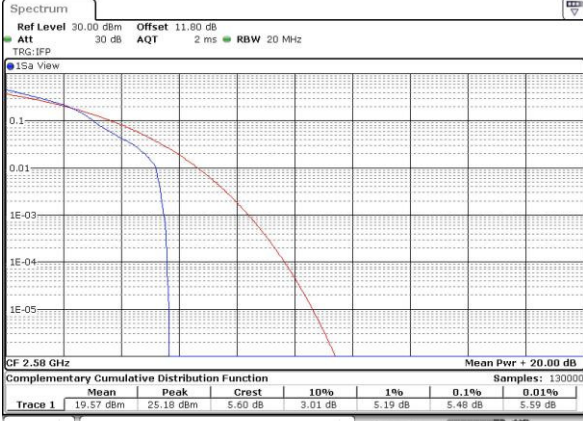




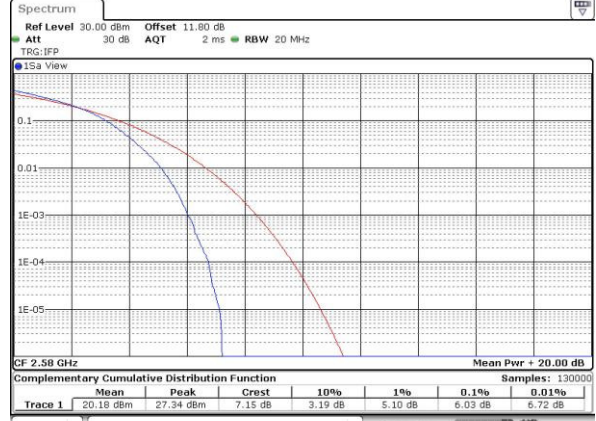
LTE Band 38 / 20MHz / 16QAM

Lowest Channel / 1RB



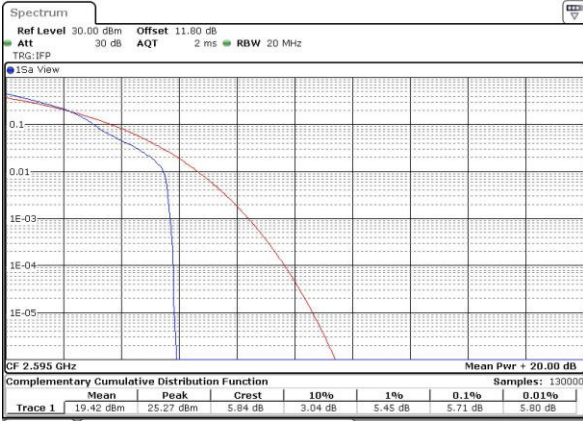
Date: 6 APR 2017 13:48:14

Lowest Channel / Full RB



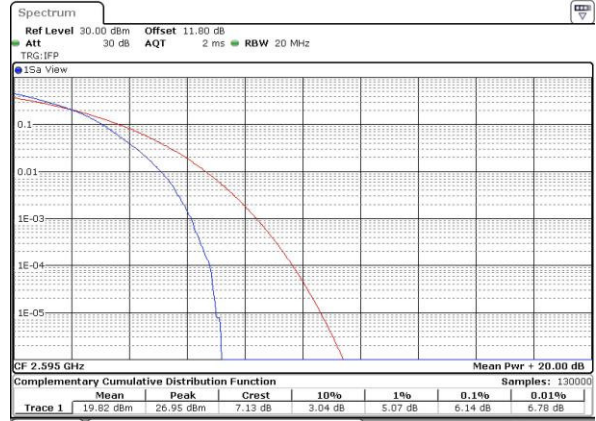
Date: 6 APR 2017 13:48:28

Middle Channel / 1RB



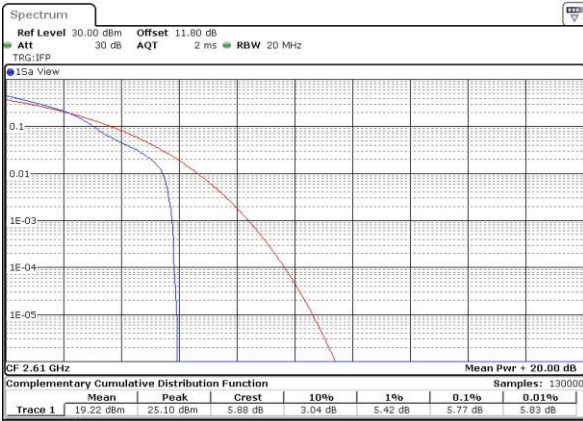
Date: 6 APR 2017 13:48:46

Middle Channel / Full RB



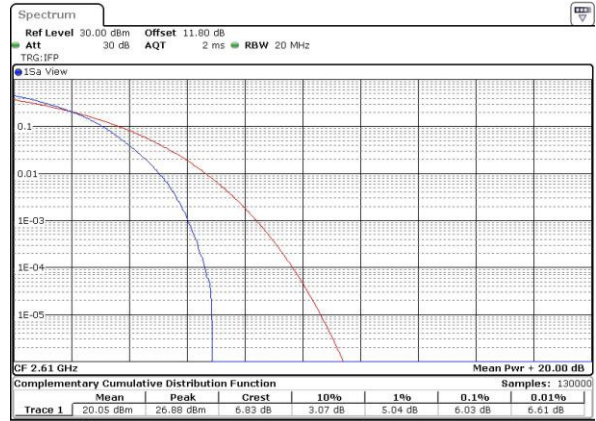
Date: 6 APR 2017 13:48:59

Highest Channel / 1RB



Date: 6 APR 2017 13:49:26

Highest Channel / Full RB

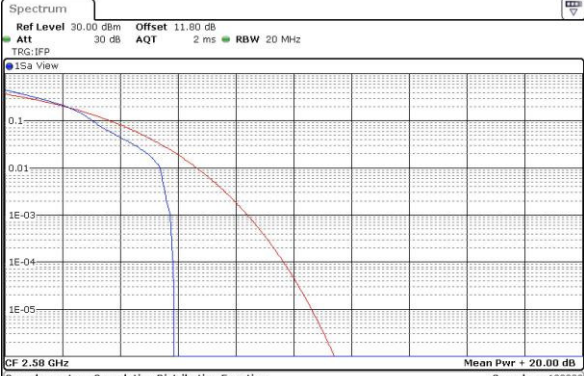


Date: 6 APR 2017 13:49:39



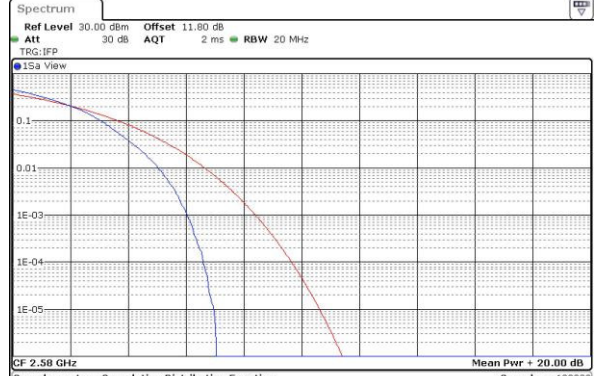
LTE Band 38 / 20MHz / 64QAM

Lowest Channel / 1RB



Date: 27 APR 2017 19:54:23

Lowest Channel / Full RB



Date: 27 APR 2017 19:54:39

Middle Channel / 1RB



Date: 27 APR 2017 19:54:59

Middle Channel / Full RB



Date: 27 APR 2017 19:55:14

Highest Channel / 1RB



Date: 27 APR 2017 19:55:31

Highest Channel / Full RB



Date: 27 APR 2017 19:55:47



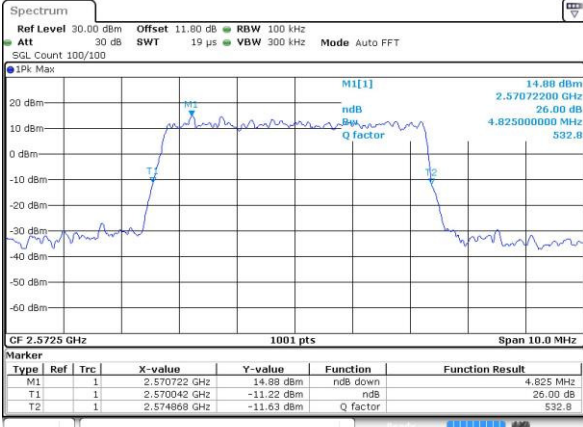
26dB Bandwidth

| Mode | LTE Band 38 : 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 | - | - | - | - | 4.83 | 4.76 | 9.77 | 9.77 | 14.18 | 14.39 | 20.26 | 20.18 |
| Middle CH | - | - | - | - | 4.81 | 4.83 | 9.83 | 9.65 | 14.33 | 14.30 | 20.06 | 20.10 |
| Highest CH | - | - | - | - | 4.82 | 4.89 | 9.65 | 9.65 | 14.24 | 14.42 | 20.14 | 20.02 |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM |
| Lowest CH | - | - | - | - | - | 4.81 | - | 9.63 | - | 14.18 | - | 20.02 |
| Middle CH | - | - | - | - | - | 4.77 | - | 9.85 | - | 14.33 | - | 20.14 |
| Highest CH | - | - | - | - | - | 4.84 | - | 9.67 | - | 14.15 | - | 20.18 |



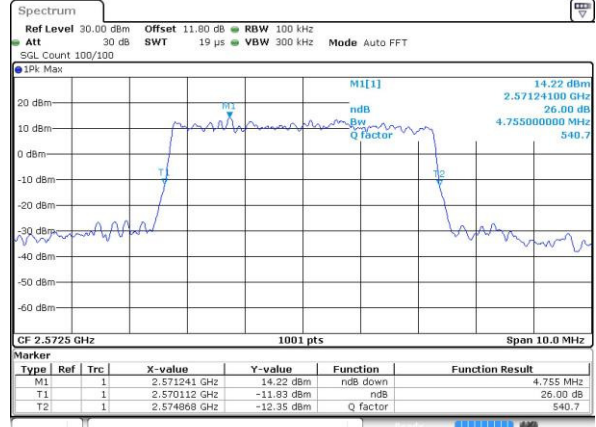
LTE Band 38

Lowest Channel / 5MHz / QPSK



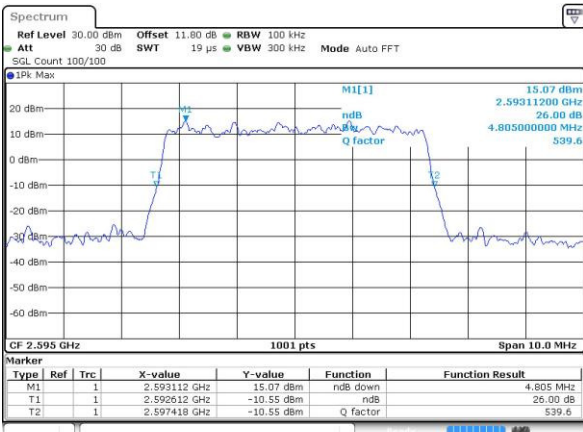
Date: 6 APR 2017 13:39:54

Lowest Channel / 5MHz / 16QAM



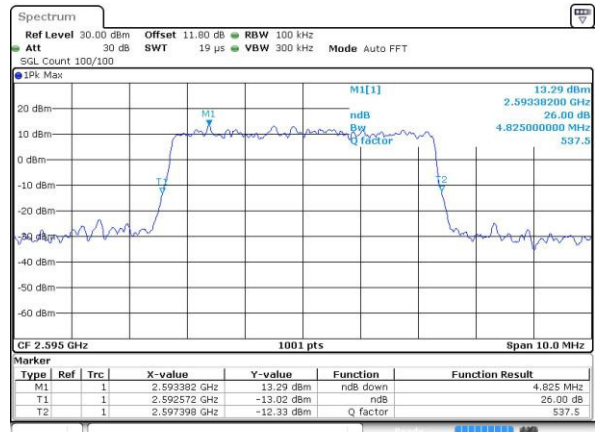
Date: 6 APR 2017 13:40:04

Middle Channel / 5MHz / QPSK



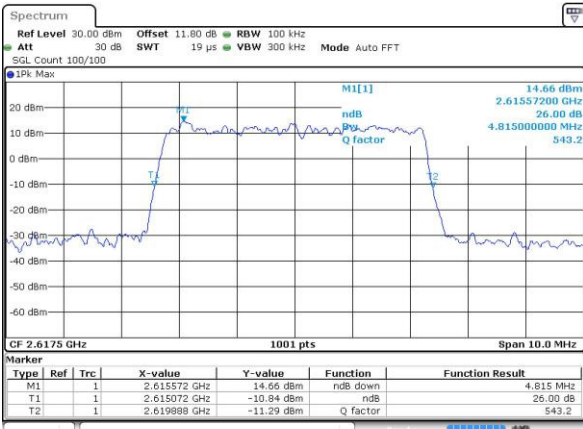
Date: 6 APR 2017 13:40:35

Middle Channel / 5MHz / 16QAM



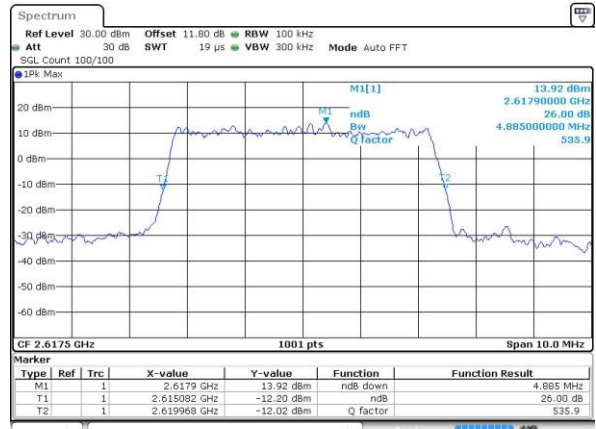
Date: 6 APR 2017 13:40:46

Highest Channel / 5MHz / QPSK



Date: 6 APR 2017 13:41:17

Highest Channel / 5MHz / 16QAM

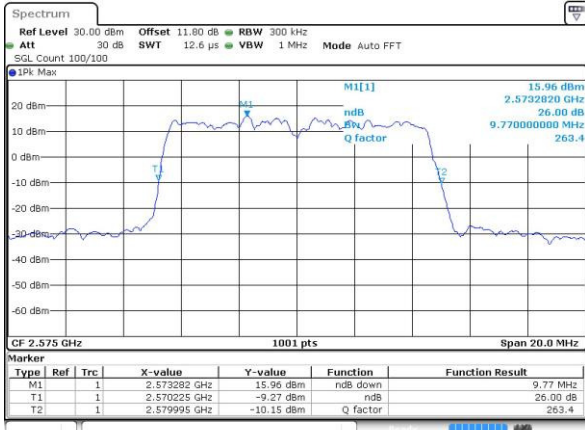


Date: 6 APR 2017 13:41:27



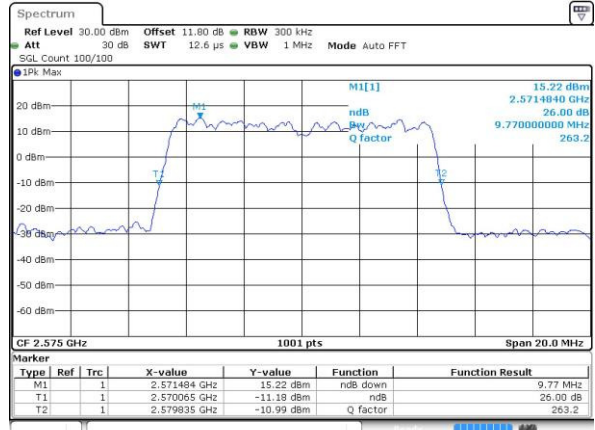
LTE Band 38

Lowest Channel / 10MHz / QPSK



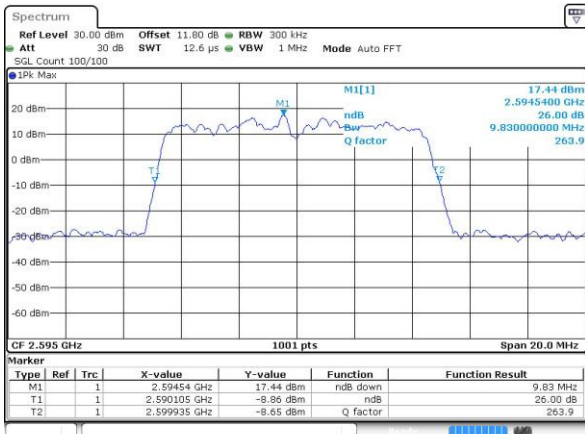
Date: 6 APR 2017 13:41:58

Lowest Channel / 10MHz / 16QAM



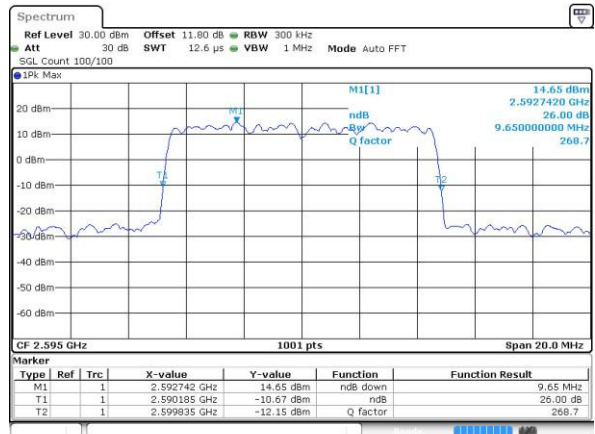
Date: 6 APR 2017 13:42:09

Middle Channel / 10MHz / QPSK



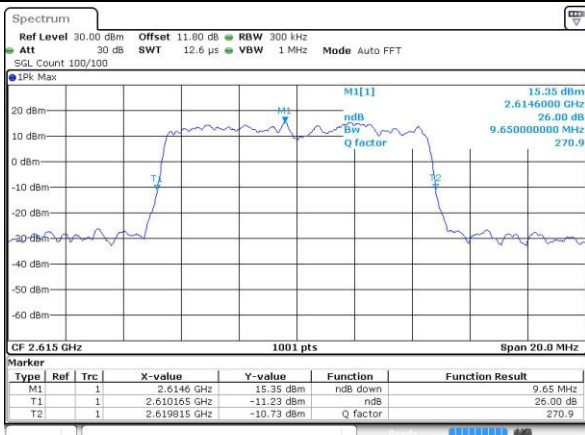
Date: 6 APR 2017 13:42:40

Middle Channel / 10MHz / 16QAM



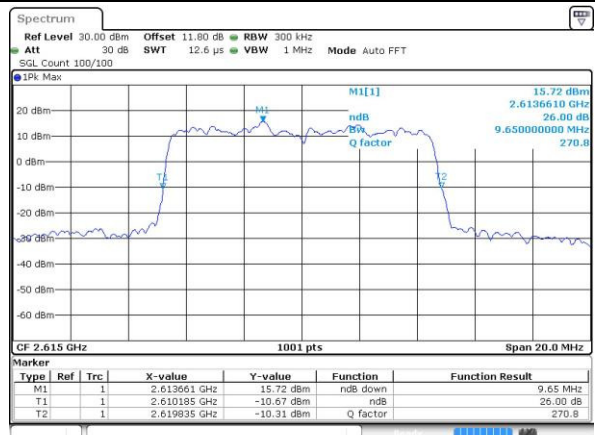
Date: 6 APR 2017 13:42:50

Highest Channel / 10MHz / QPSK



Date: 6 APR 2017 13:43:21

Highest Channel / 10MHz / 16QAM

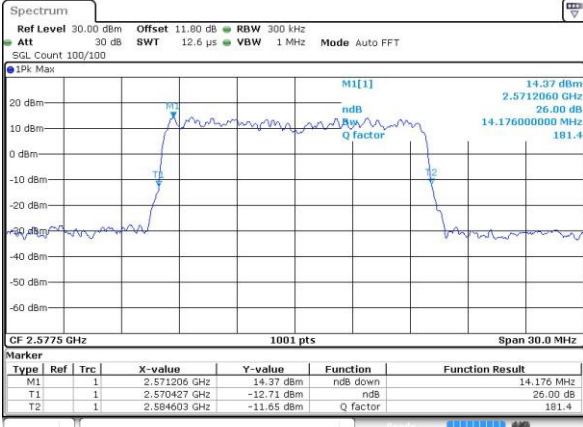


Date: 6 APR 2017 13:43:32



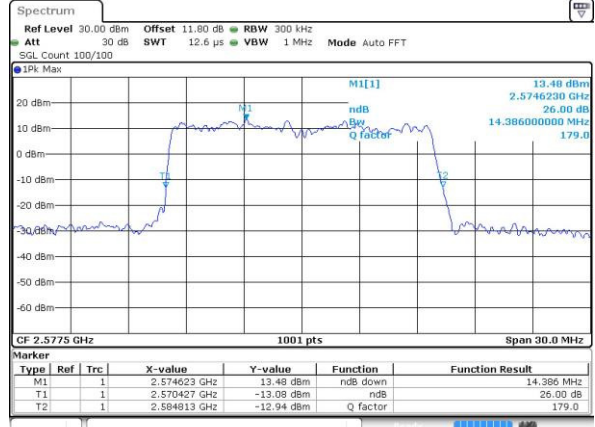
LTE Band 38

Lowest Channel / 15MHz / QPSK



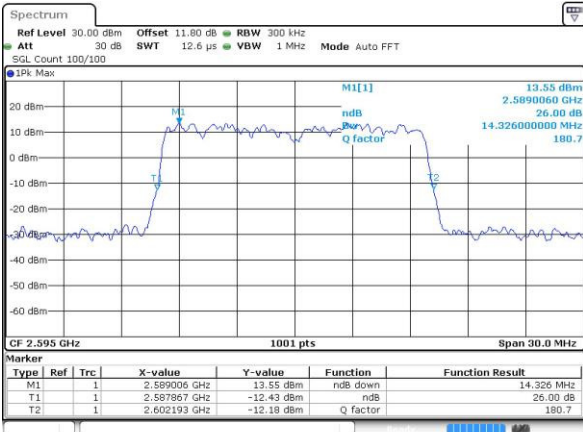
Date: 6 APR 2017 13:44:03

Lowest Channel / 15MHz / 16QAM



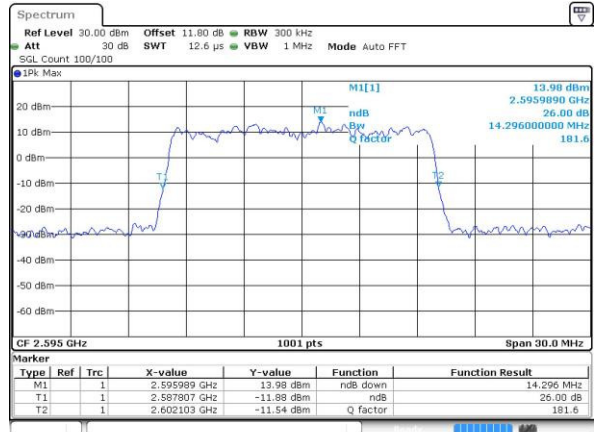
Date: 6 APR 2017 13:44:14

Middle Channel / 15MHz / QPSK



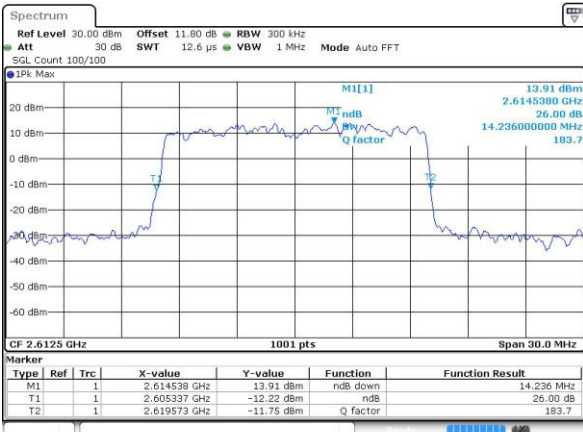
Date: 6 APR 2017 13:44:45

Middle Channel / 15MHz / 16QAM



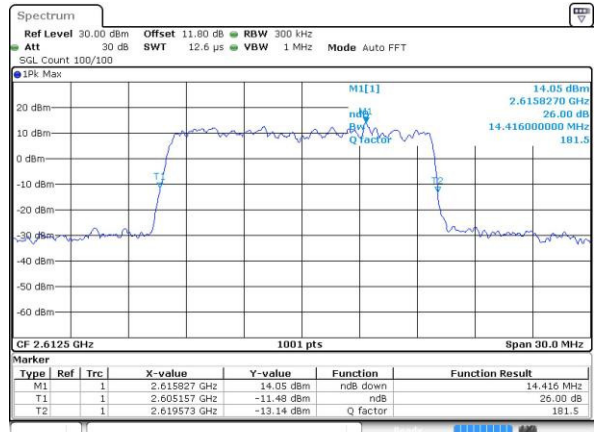
Date: 6 APR 2017 13:44:55

Highest Channel / 15MHz / QPSK



Date: 6 APR 2017 13:45:26

Highest Channel / 15MHz / 16QAM

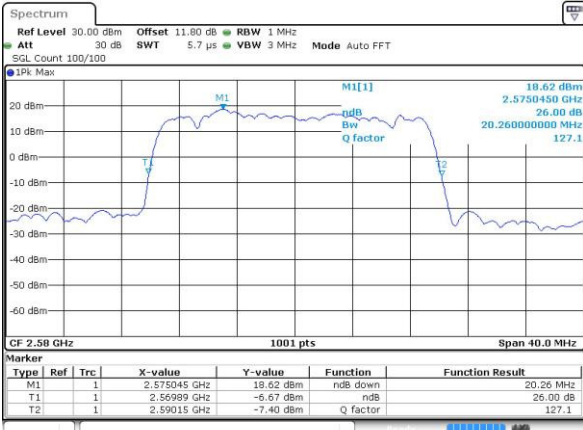


Date: 6 APR 2017 13:45:37



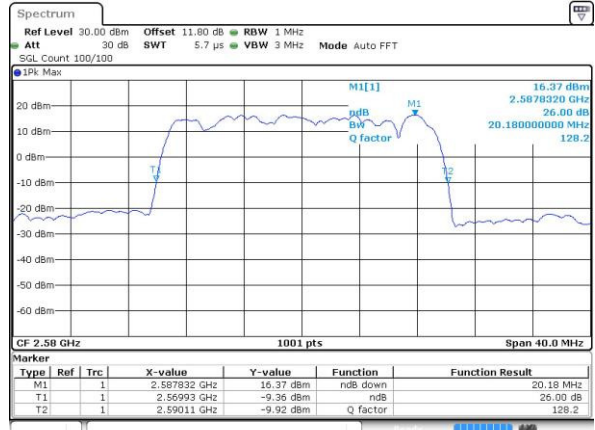
LTE Band 38

Lowest Channel / 20MHz / QPSK



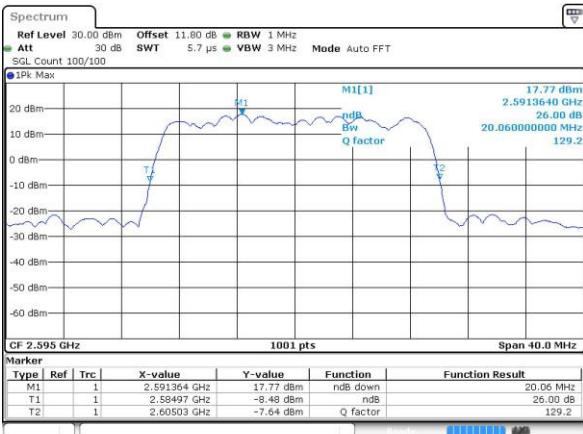
Date: 6 APR 2017 13:46:08

Lowest Channel / 20MHz / 16QAM



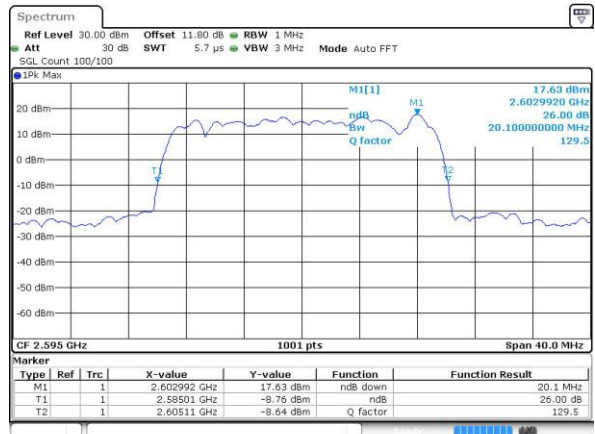
Date: 6 APR 2017 13:46:18

Middle Channel / 20MHz / QPSK



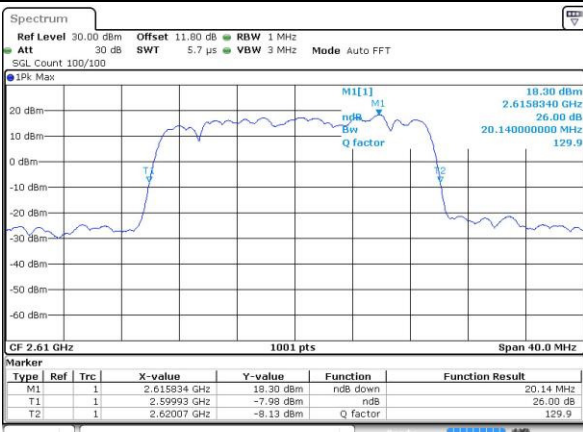
Date: 6 APR 2017 13:46:49

Middle Channel / 20MHz / 16QAM



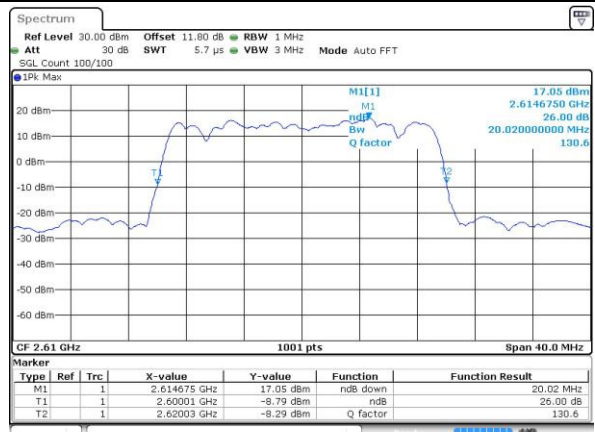
Date: 6 APR 2017 13:46:59

Highest Channel / 20MHz / QPSK



Date: 6 APR 2017 13:47:31

Highest Channel / 20MHz / 16QAM

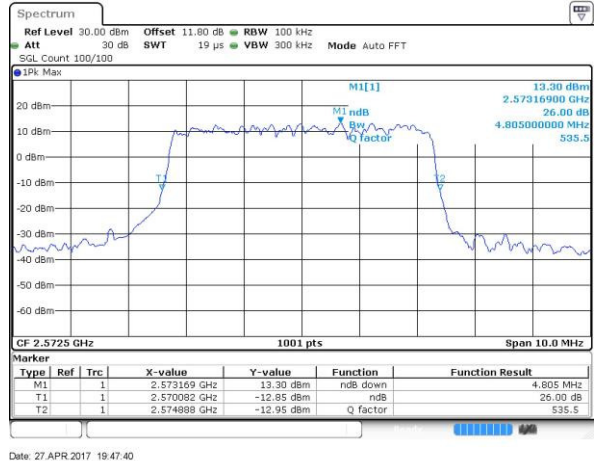


Date: 6 APR 2017 13:47:41



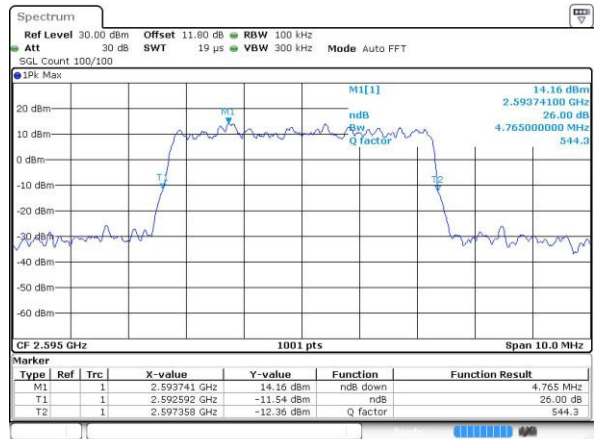
LTE Band 38

Lowest Channel / 5MHz / 64QAM



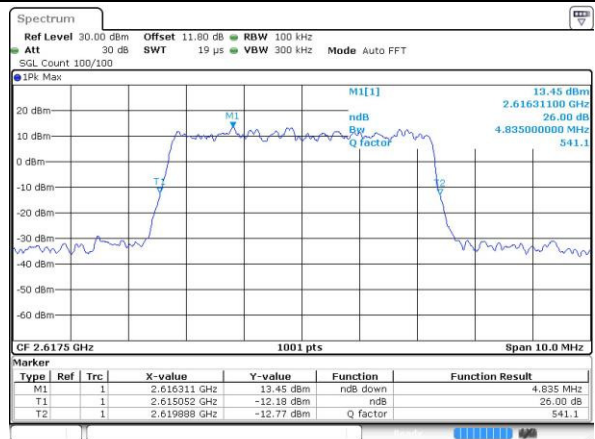
Date: 27 APR 2017 19:47:40

Middle Channel / 5MHz / 64QAM



Date: 27 APR 2017 19:48:01

Highest Channel / 5MHz / 64QAM

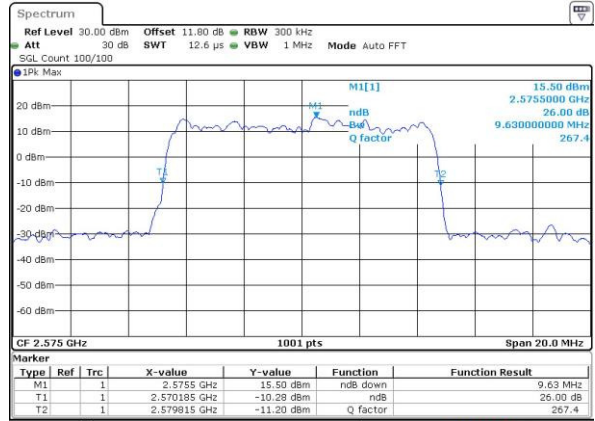


Date: 27 APR 2017 19:48:21



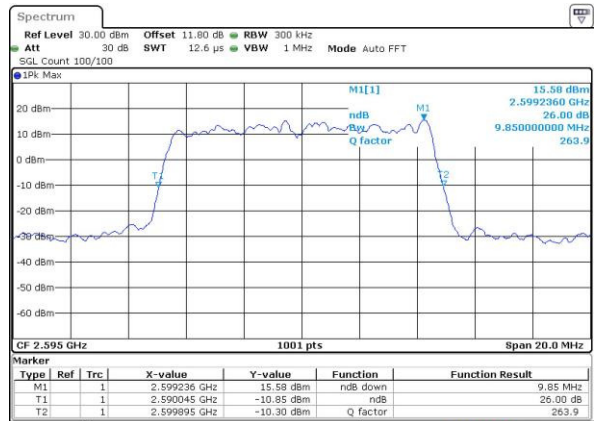
LTE Band 38

Lowest Channel / 10MHz / 64QAM



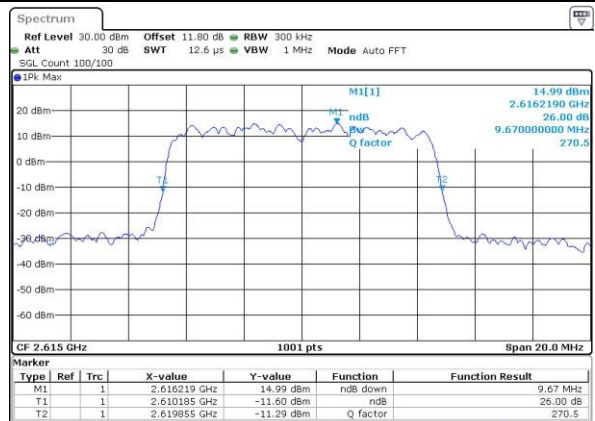
Date: 27 APR 2017 19:48:42

Middle Channel / 10MHz / 64QAM



Date: 27 APR 2017 19:49:03

Highest Channel / 10MHz / 64QAM

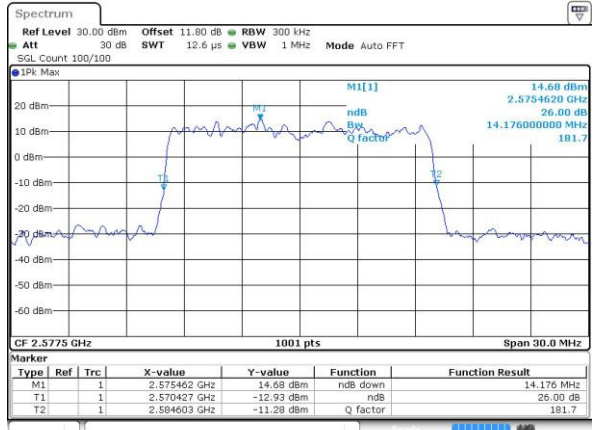


Date: 27 APR 2017 19:49:24



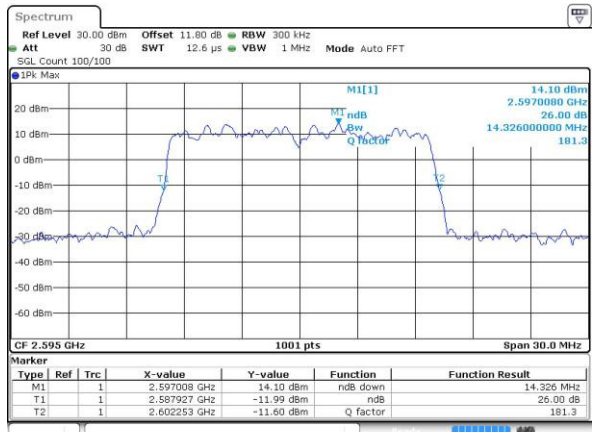
LTE Band 38

Lowest Channel / 15MHz / 64QAM



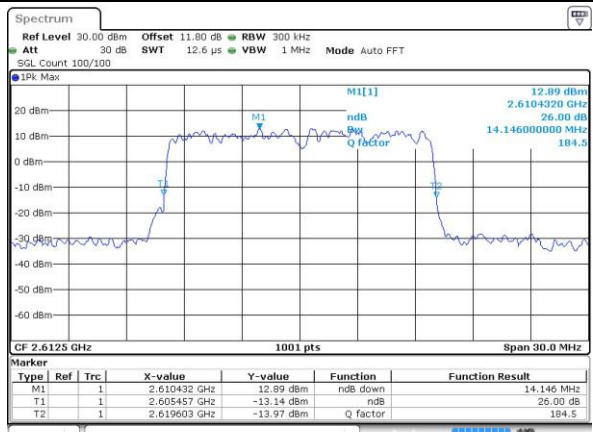
Date: 27 APR 2017 19:49:45

Middle Channel / 15MHz / 64QAM



Date: 27 APR 2017 19:50:05

Highest Channel / 15MHz / 64QAM

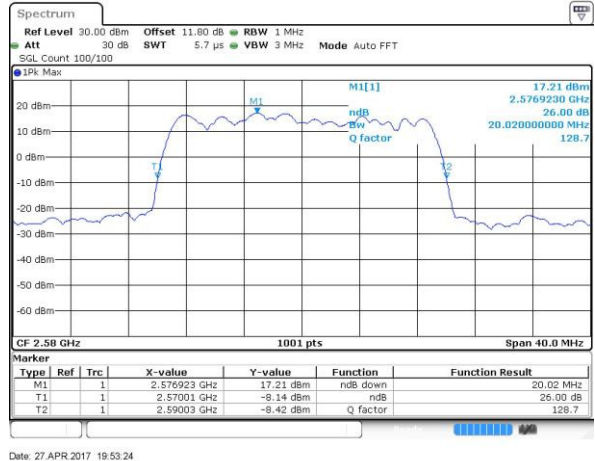


Date: 27 APR 2017 19:50:26



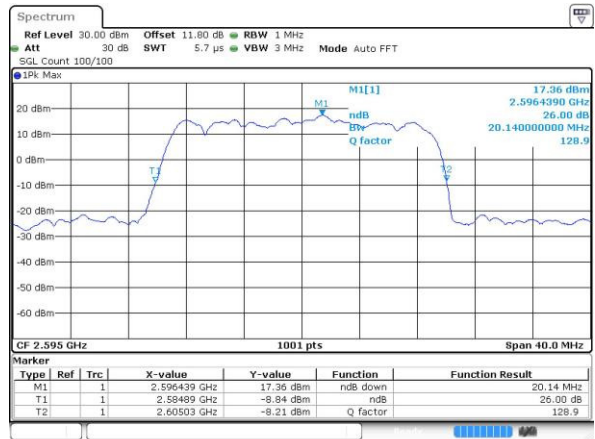
LTE Band 38

Lowest Channel / 20MHz / 64QAM



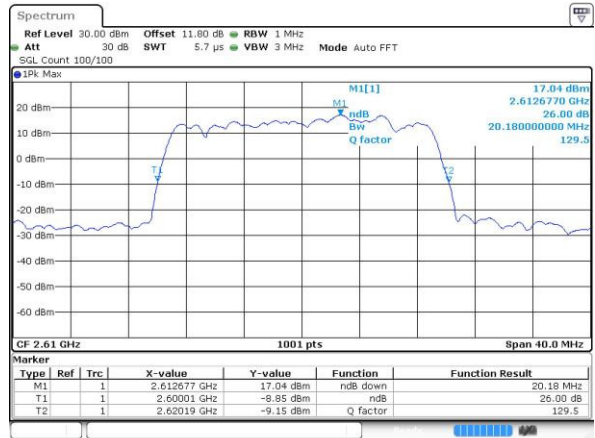
Date: 27 APR 2017 19:53:24

Middle Channel / 20MHz / 64QAM



Date: 27 APR 2017 19:53:44

Highest Channel / 20MHz / 64QAM



Date: 27 APR 2017 19:54:05



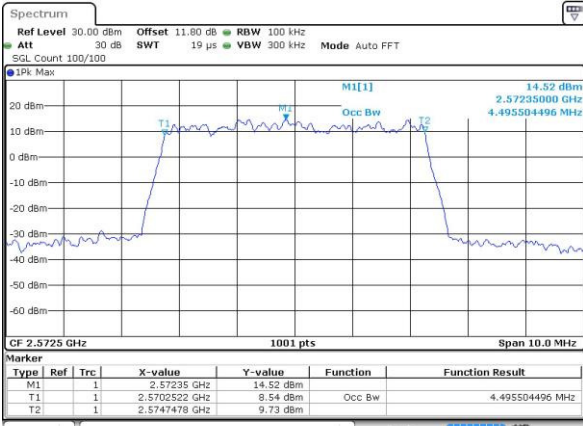
Occupied Bandwidth

| Mode | LTE Band 38 : 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 | - | - | - | - | 4.5 | 4.5 | 9.01 | 9.03 | 13.49 | 13.43 | 18.46 | 18.34 |
| Middle CH | - | - | - | - | 4.49 | 4.49 | 9.05 | 8.99 | 13.4 | 13.46 | 18.26 | 18.46 |
| Highest CH | - | - | - | - | 4.48 | 4.47 | 9.03 | 9.01 | 13.4 | 13.37 | 18.3 | 18.26 |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM | - | 64QAM |
| Lowest CH | - | - | - | - | - | 4.45 | - | 9.01 | - | 13.46 | - | 18.26 |
| Middle CH | - | - | - | - | - | 4.48 | - | 9.05 | - | 13.4 | - | 18.26 |
| Highest CH | - | - | - | - | - | 4.49 | - | 9.01 | - | 13.46 | - | 18.34 |



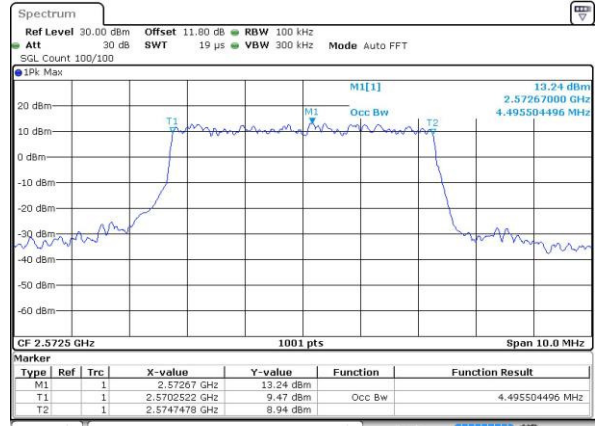
LTE Band 38

Lowest Channel / 5MHz / QPSK



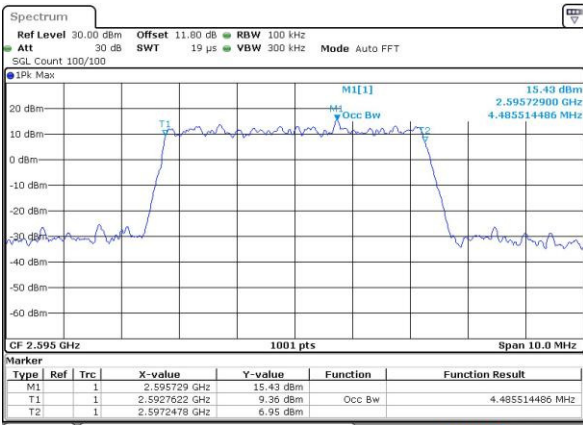
Date: 6 APR 2017 13:38:31

Lowest Channel / 5MHz / 16QAM



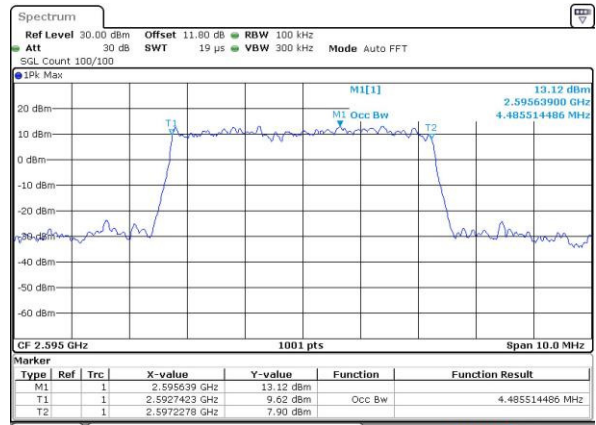
Date: 6 APR 2017 13:38:42

Middle Channel / 5MHz / QPSK



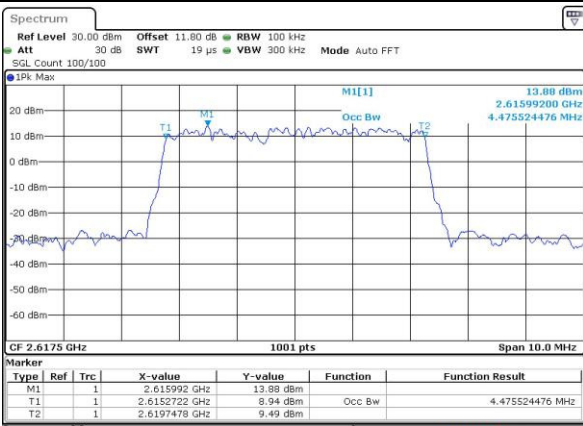
Date: 6 APR 2017 13:40:15

Middle Channel / 5MHz / 16QAM



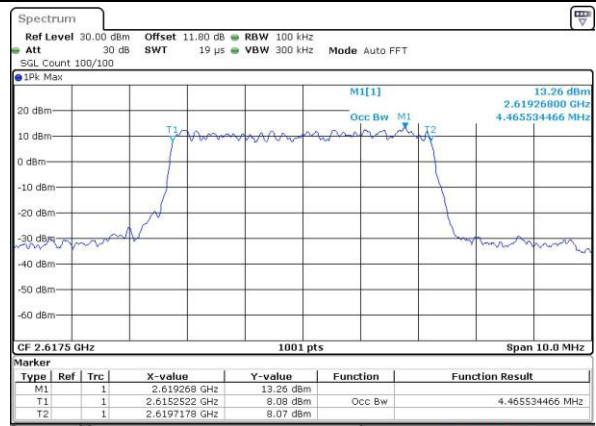
Date: 6 APR 2017 13:40:25

Highest Channel / 5MHz / QPSK



Date: 6 APR 2017 13:40:56

Highest Channel / 5MHz / 16QAM

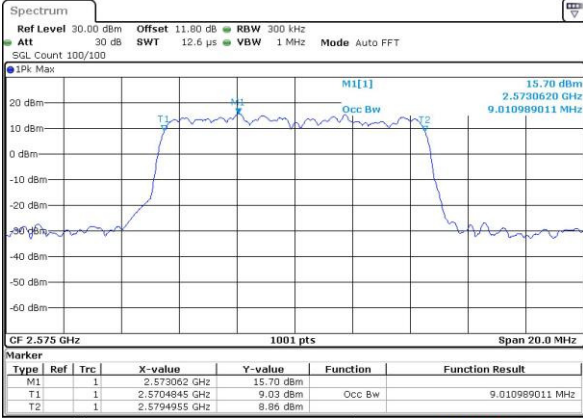


Date: 6 APR 2017 13:41:07



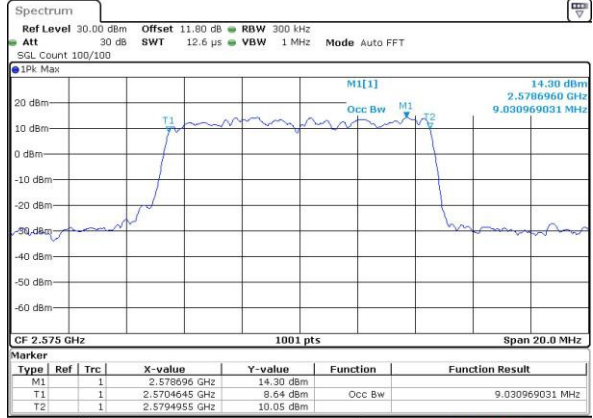
LTE Band 38

Lowest Channel / 10MHz / QPSK



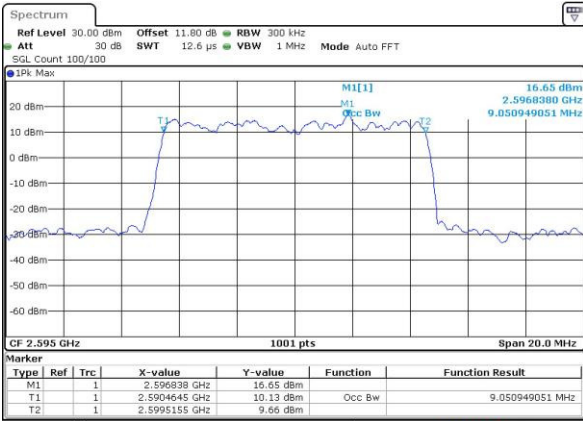
Date: 6 APR 2017 13:41:38

Lowest Channel / 10MHz / 16QAM



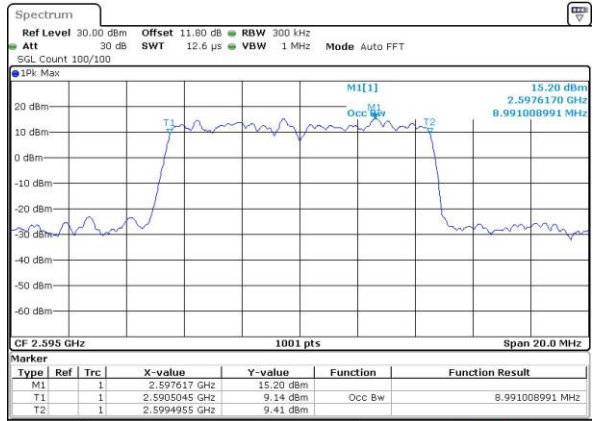
Date: 6 APR 2017 13:41:48

Middle Channel / 10MHz / QPSK



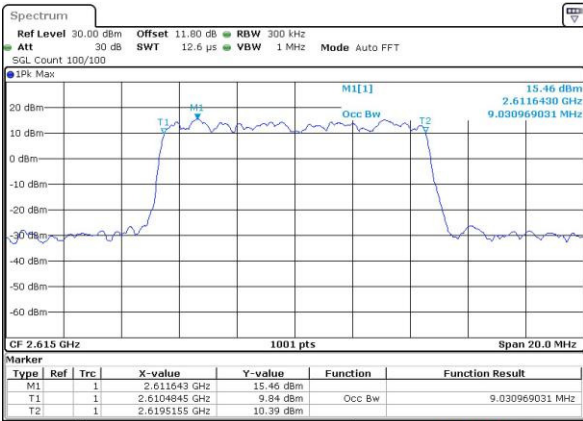
Date: 6 APR 2017 13:42:19

Middle Channel / 10MHz / 16QAM



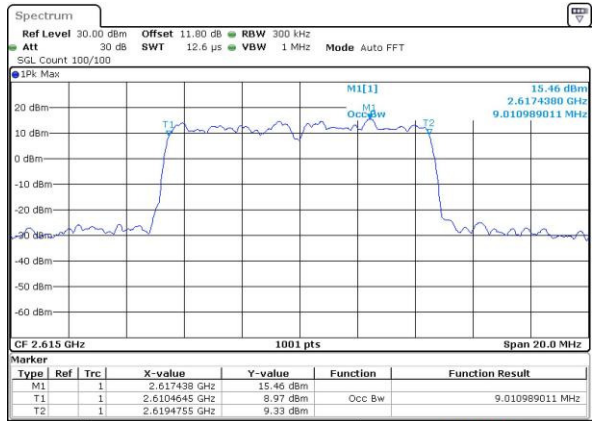
Date: 6 APR 2017 13:42:30

Highest Channel / 10MHz / QPSK



Date: 6 APR 2017 13:43:01

Highest Channel / 10MHz / 16QAM

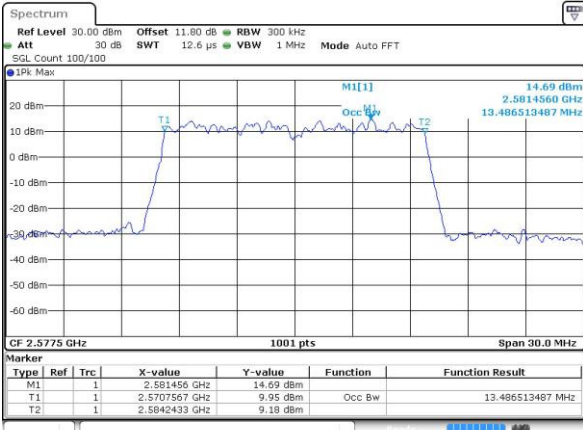


Date: 6 APR 2017 13:43:11



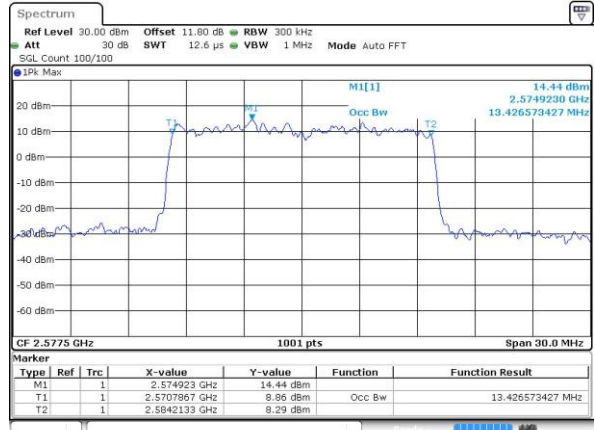
LTE Band 38

Lowest Channel / 15MHz / QPSK



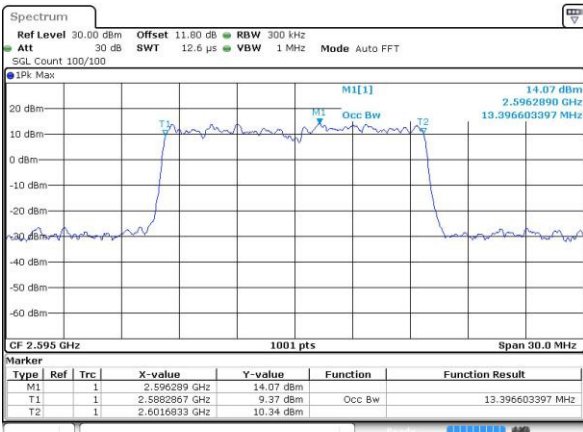
Date: 6 APR 2017 13:43:42

Lowest Channel / 15MHz / 16QAM



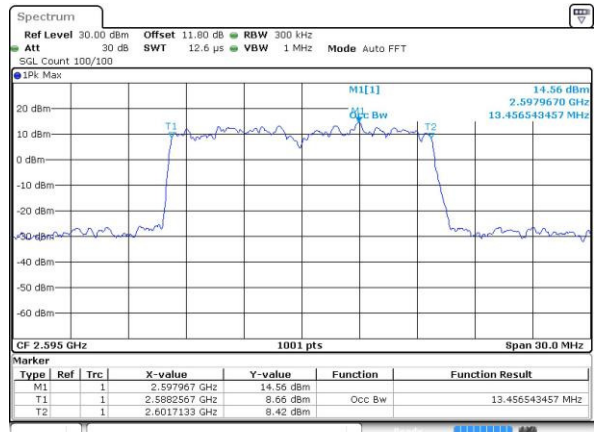
Date: 6 APR 2017 13:43:53

Middle Channel / 15MHz / QPSK



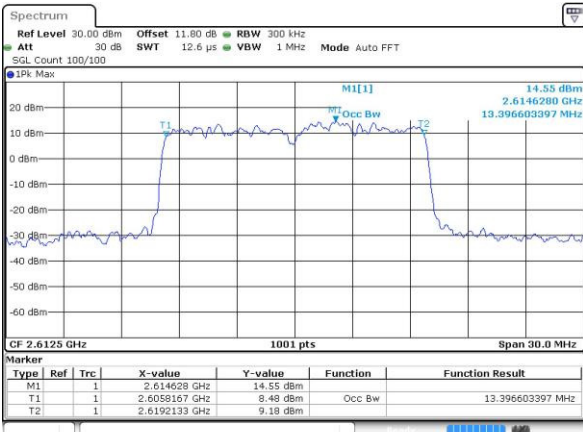
Date: 6 APR 2017 13:44:24

Middle Channel / 15MHz / 16QAM



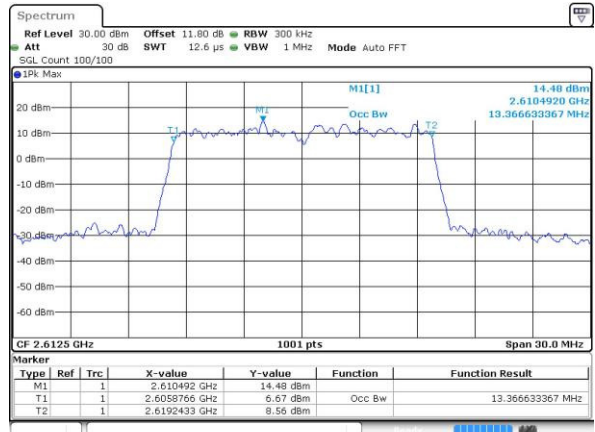
Date: 6 APR 2017 13:44:34

Highest Channel / 15MHz / QPSK



Date: 6 APR 2017 13:45:05

Highest Channel / 15MHz / 16QAM

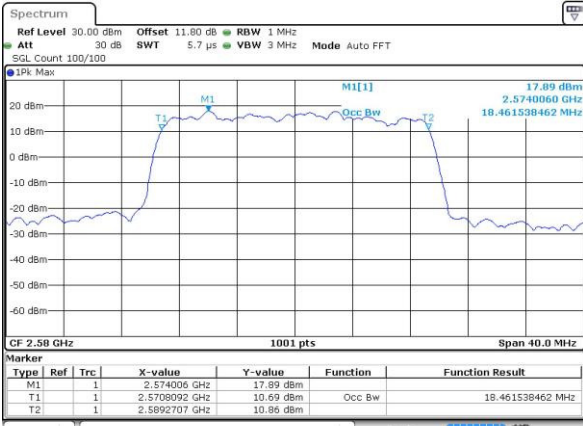


Date: 6 APR 2017 13:45:16



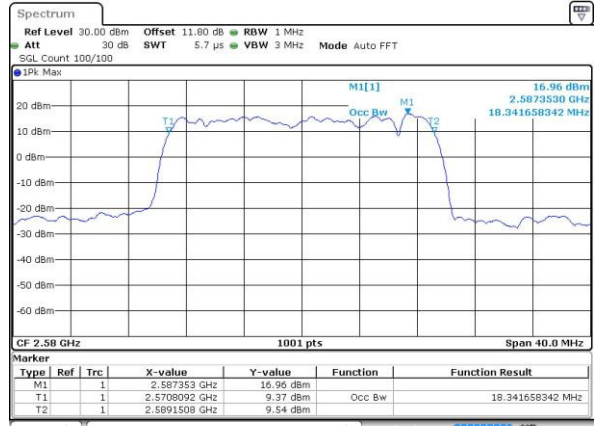
LTE Band 38

Lowest Channel / 20MHz / QPSK



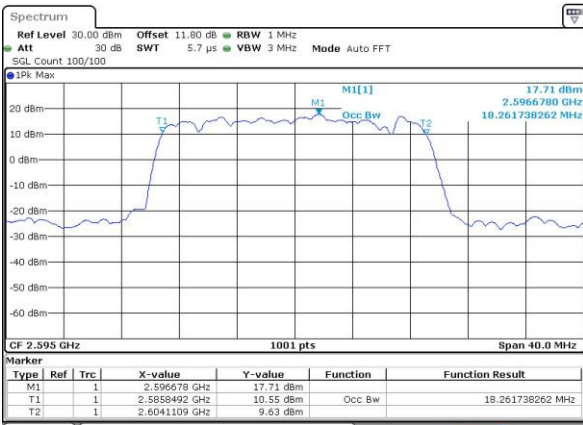
Date: 6 APR 2017 13:45:47

Lowest Channel / 20MHz / 16QAM



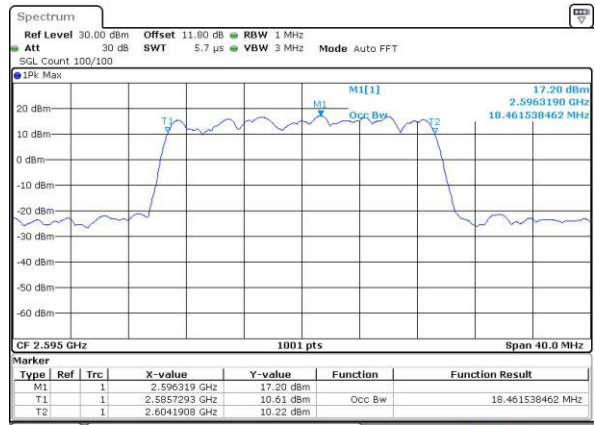
Date: 6 APR 2017 13:45:57

Middle Channel / 20MHz / QPSK



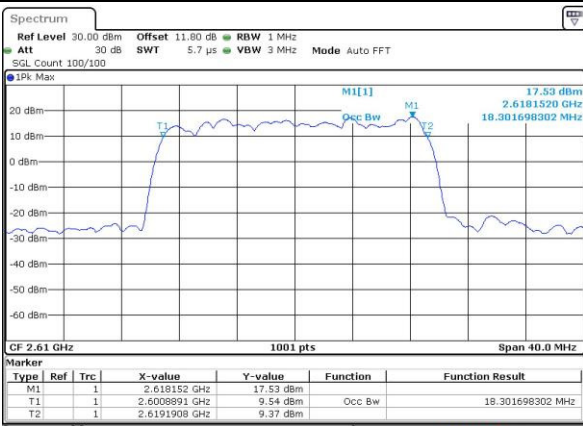
Date: 6 APR 2017 13:46:28

Middle Channel / 20MHz / 16QAM



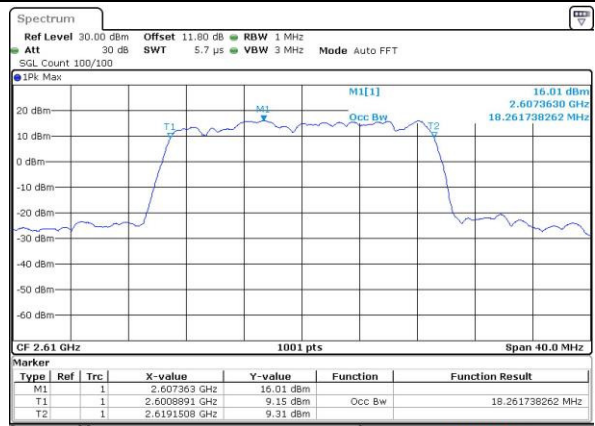
Date: 6 APR 2017 13:46:39

Highest Channel / 20MHz / QPSK



Date: 6 APR 2017 13:47:10

Highest Channel / 20MHz / 16QAM

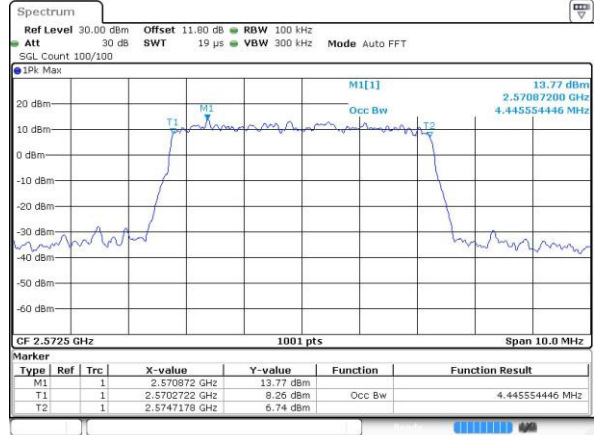


Date: 6 APR 2017 13:47:20



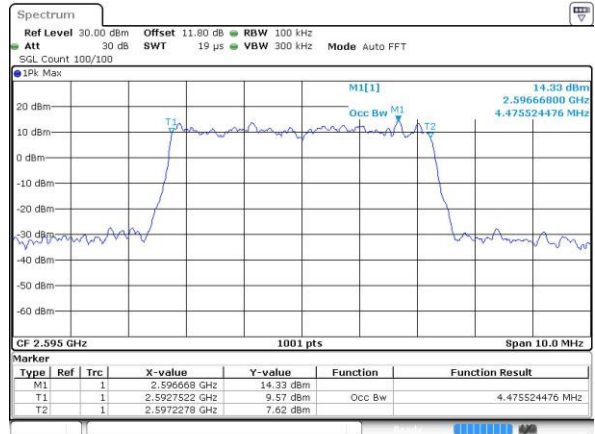
LTE Band 38

Lowest Channel / 5MHz / 64QAM



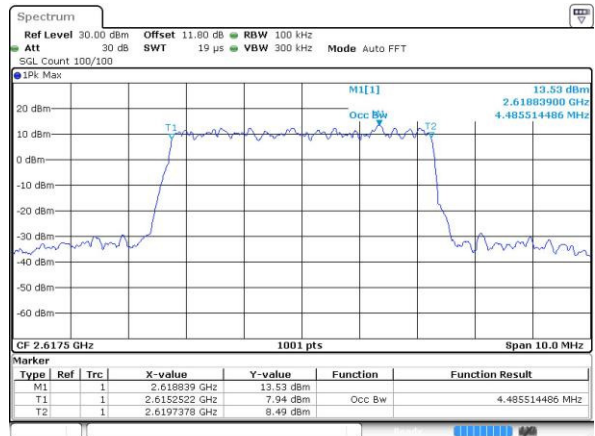
Date: 27 APR 2017 19:47:30

Middle Channel / 5MHz / 64QAM



Date: 27 APR 2017 19:47:50

Highest Channel / 5MHz / 64QAM

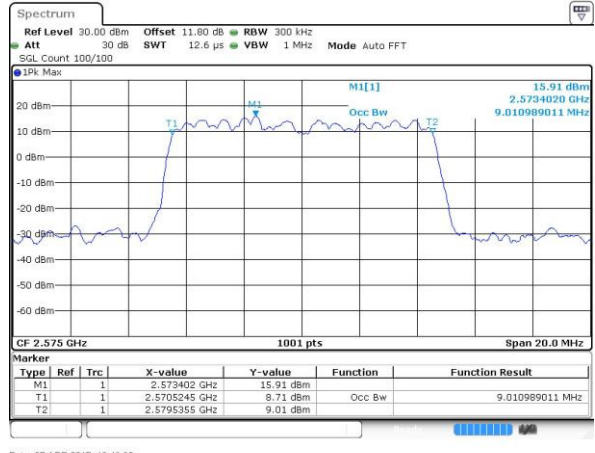


Date: 27 APR 2017 19:48:11

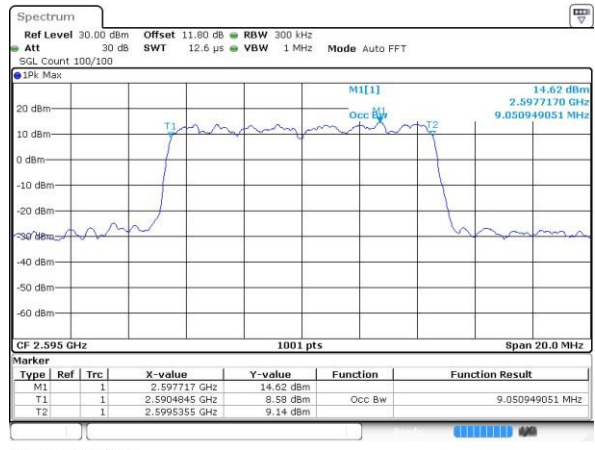


LTE Band 38

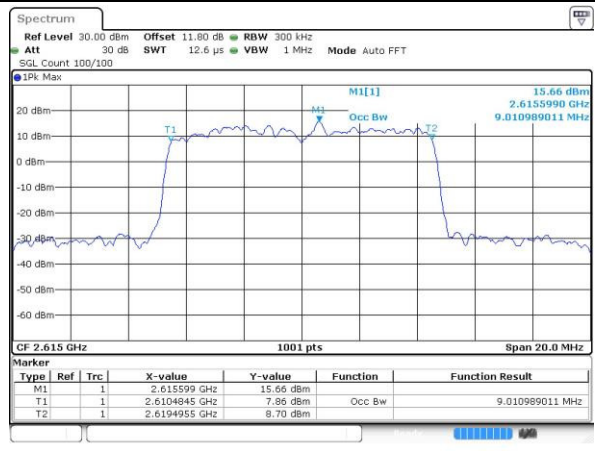
Lowest Channel / 10MHz / 64QAM



Middle Channel / 10MHz / 64QAM



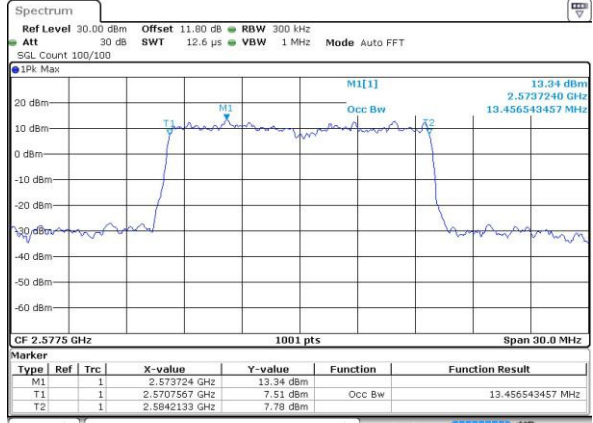
Highest Channel / 10MHz / 64QAM





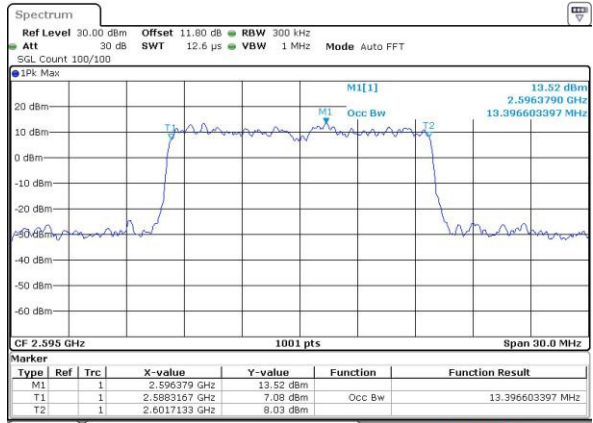
LTE Band 38

Lowest Channel / 15MHz / 64QAM



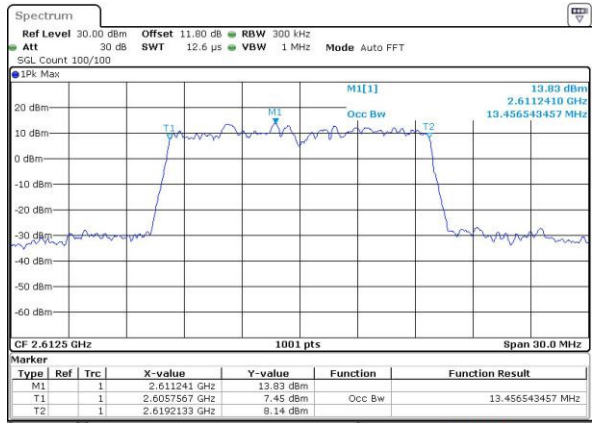
Date: 27 APR 2017 19:49:34

Middle Channel / 15MHz / 64QAM



Date: 27 APR 2017 19:49:55

Highest Channel / 15MHz / 64QAM

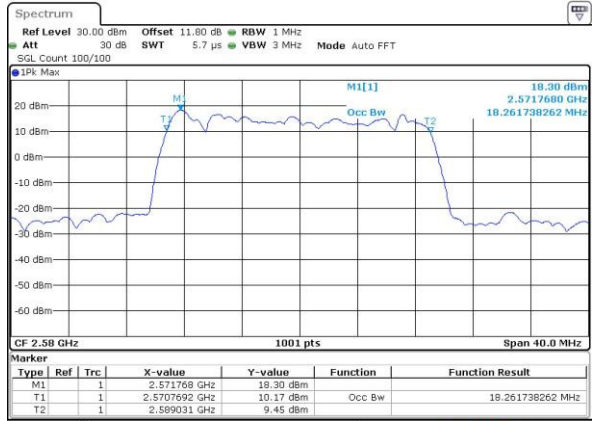


Date: 27 APR 2017 19:50:16



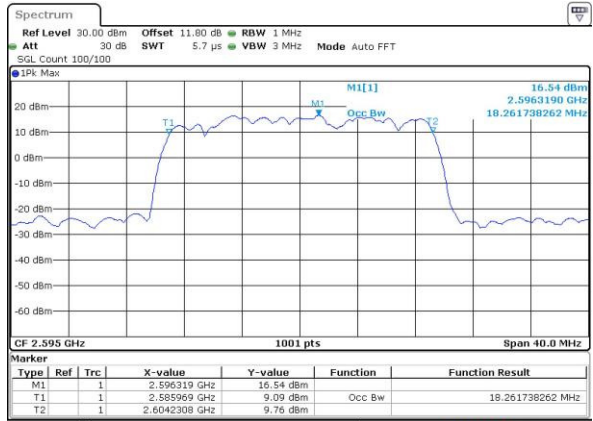
LTE Band 38

Lowest Channel / 20MHz / 64QAM



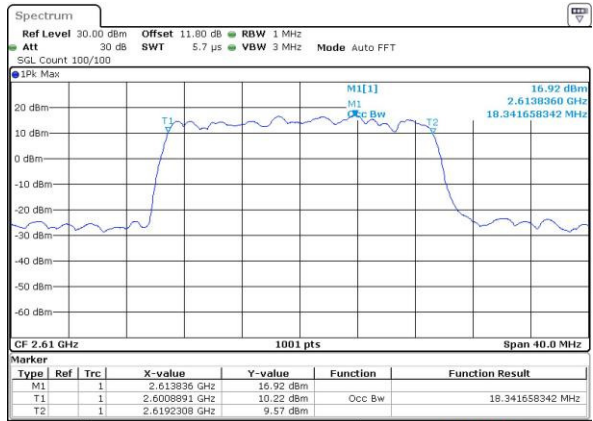
Date: 27 APR 2017 19:53:13

Middle Channel / 20MHz / 64QAM



Date: 27 APR 2017 19:53:34

Highest Channel / 20MHz / 64QAM



Date: 27 APR 2017 19:53:55

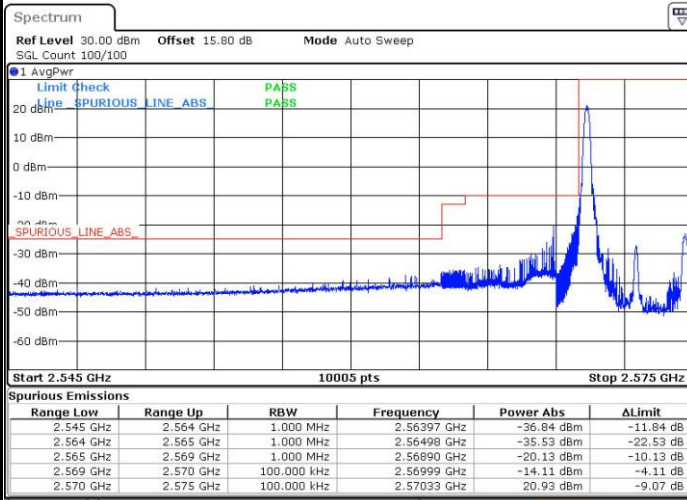


Conducted Band Edge



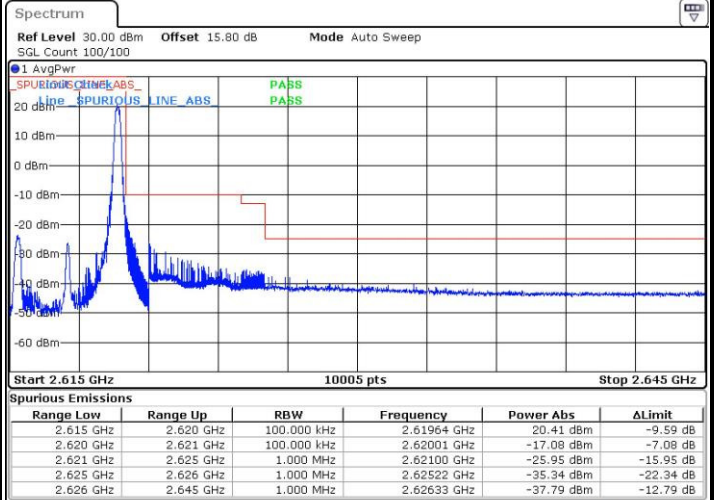
LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB



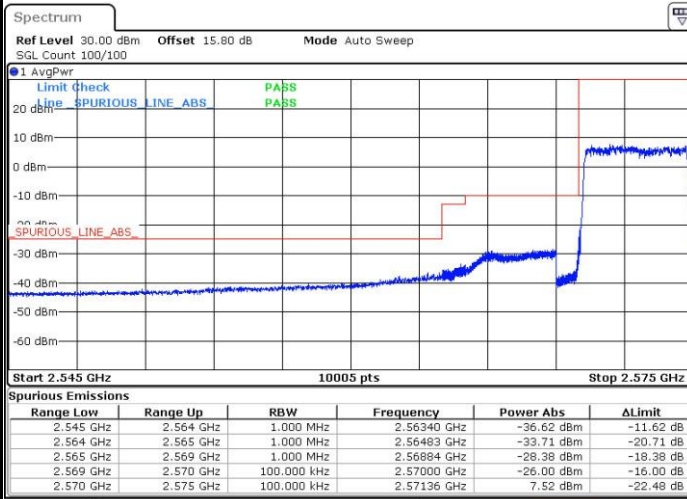
Date: 6 APR 2017 13:56:46

Highest Band Edge / 1 RB



Date: 6 APR 2017 14:03:45

Lowest Band Edge / Full RB



Date: 6 APR 2017 13:59:05

Highest Band Edge / Full RB

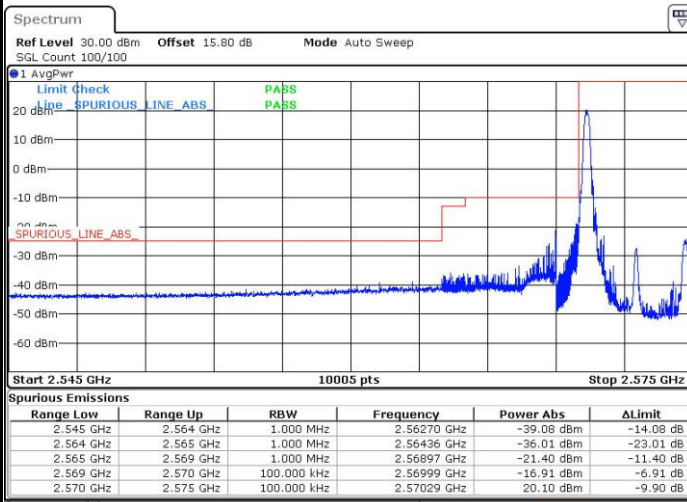


Date: 6 APR 2017 14:01:25



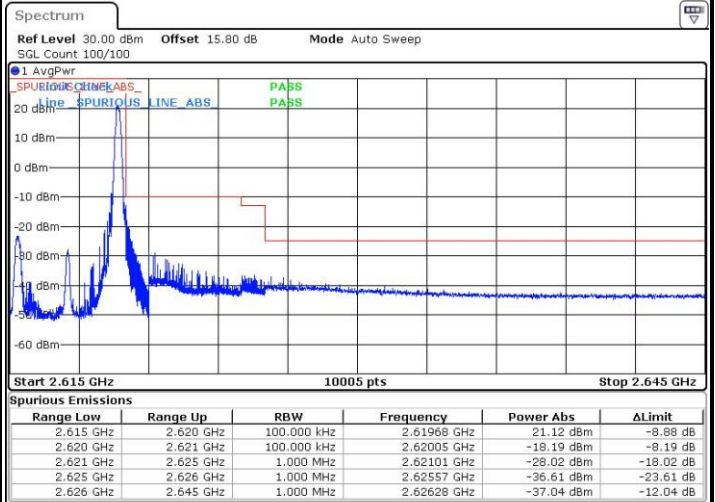
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



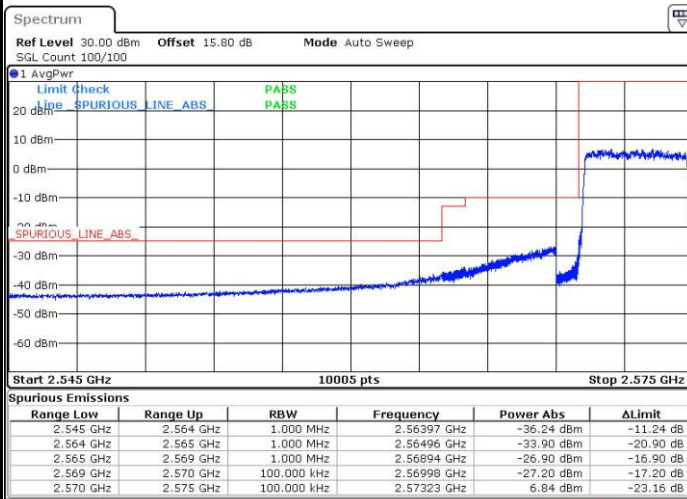
Date: 6 APR 2017 13:57:56

Highest Band Edge / 1 RB



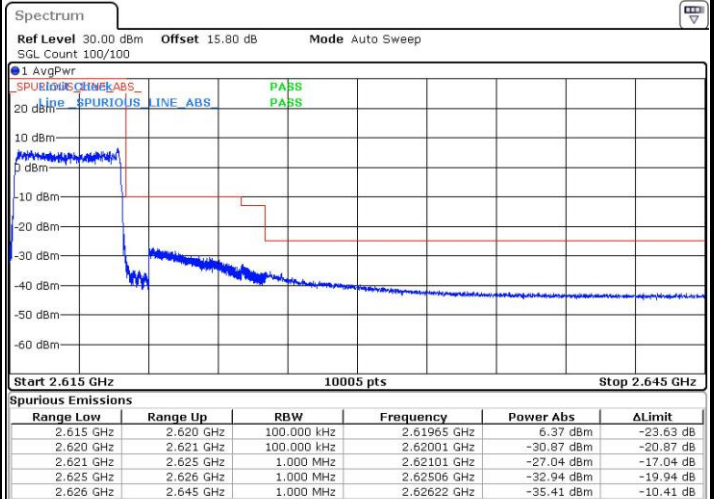
Date: 6 APR 2017 14:04:55

Lowest Band Edge / Full RB



Date: 6 APR 2017 14:00:16

Highest Band Edge / Full RB

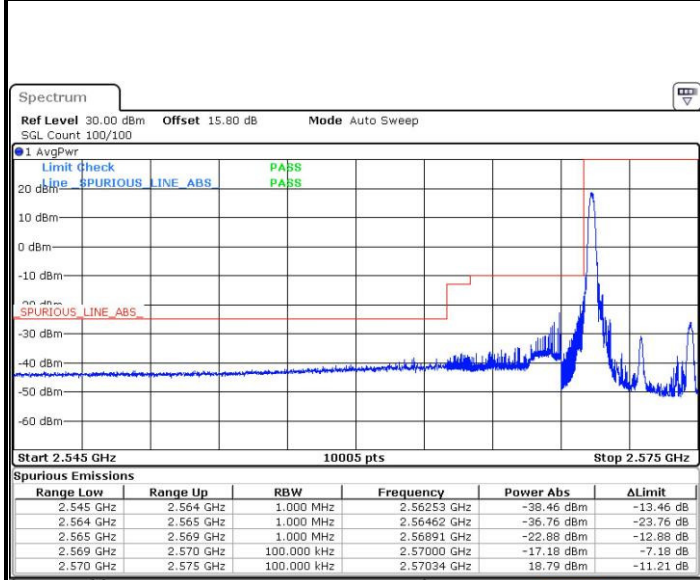


Date: 6 APR 2017 14:02:35



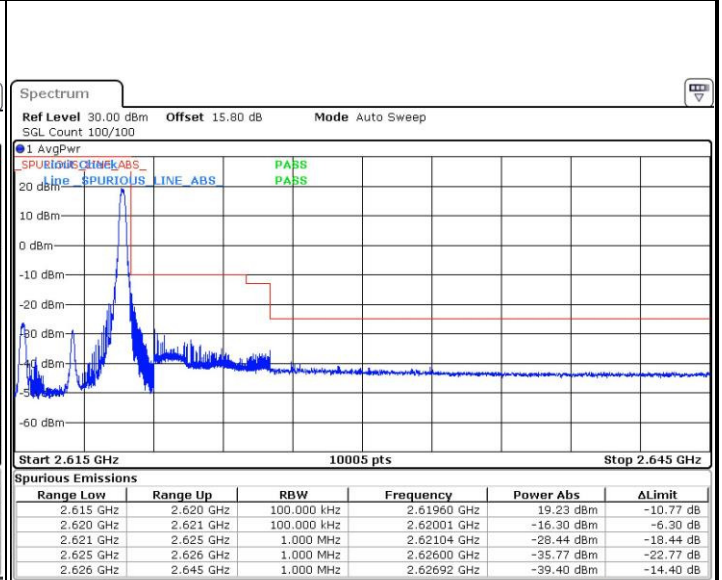
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



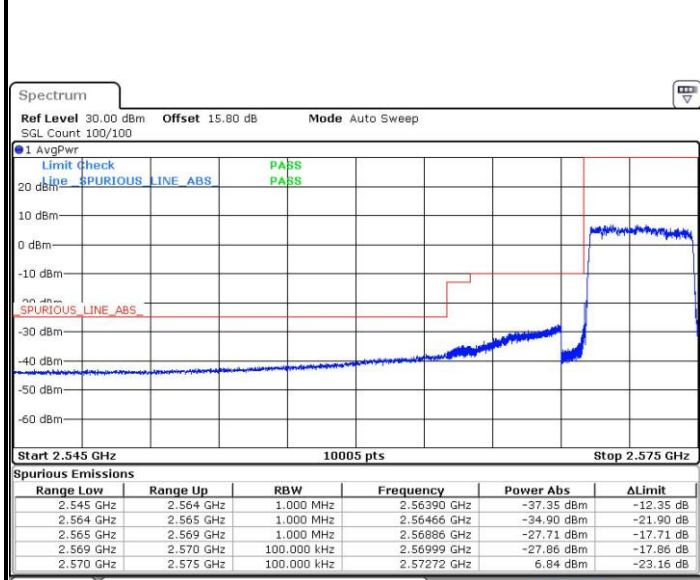
Date: 27.APR.2017 19:57:07

Highest Band Edge / 1 RB



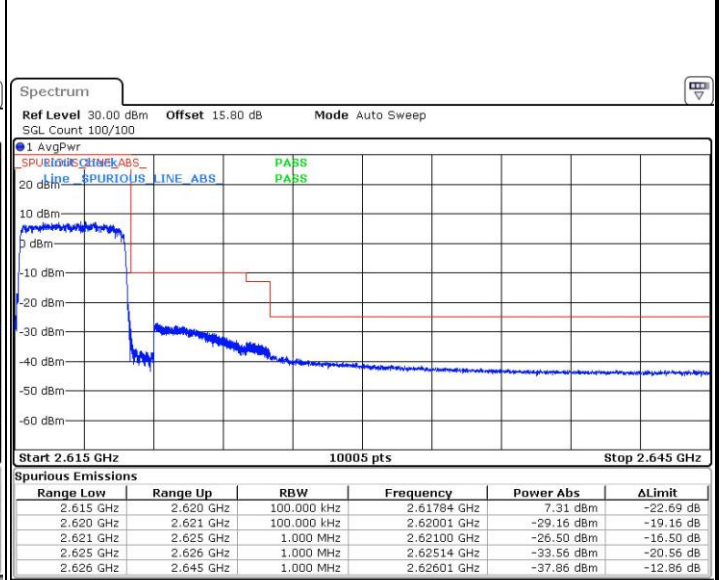
Date: 27.APR.2017 20:00:36

Lowest Band Edge / Full RB



Date: 27.APR.2017 19:58:16

Highest Band Edge / Full RB



Date: 27.APR.2017 19:59:26