



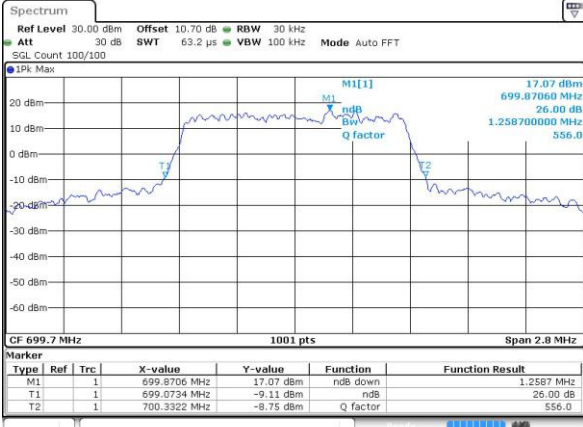
26dB Bandwidth

| Mode | LTE Band 12 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| BW | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.26 | 1.25 | 3.03 | 2.99 | 4.98 | 5.10 | 9.81 | 9.89 | - | - | - | - |
| Middle CH | 1.26 | 1.26 | 3.00 | 3.00 | 4.99 | 5.06 | 9.83 | 9.87 | - | - | - | - |
| Highest CH | 1.26 | 1.24 | 3.01 | 2.97 | 4.93 | 4.84 | 9.97 | 9.89 | - | - | - | - |



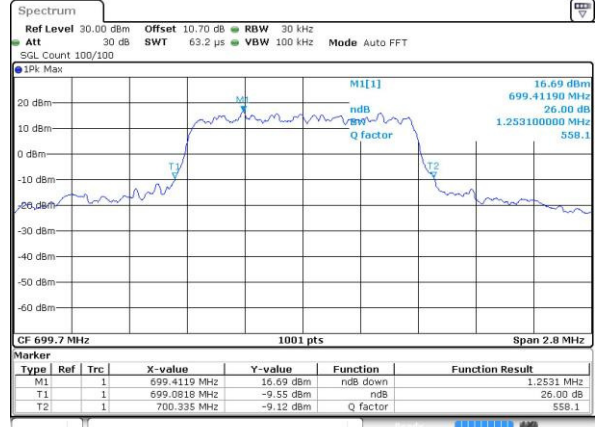
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



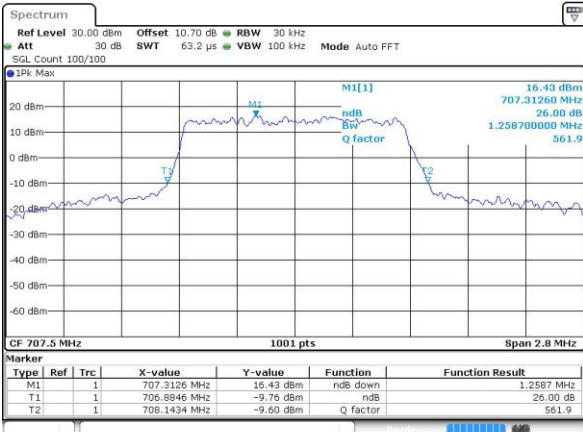
Date: 21 DEC 2016 09:45:12

Lowest Channel / 1.4MHz / 16QAM



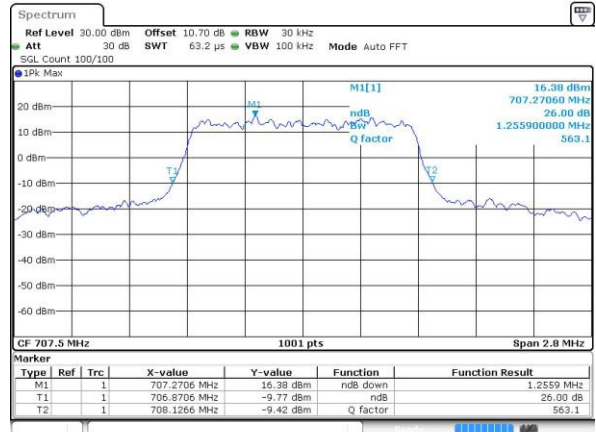
Date: 21 DEC 2016 09:45:02

Middle Channel / 1.4MHz / QPSK



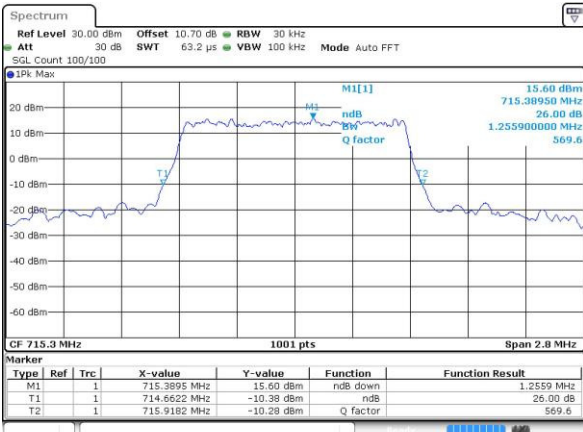
Date: 21 DEC 2016 09:52:08

Middle Channel / 1.4MHz / 16QAM



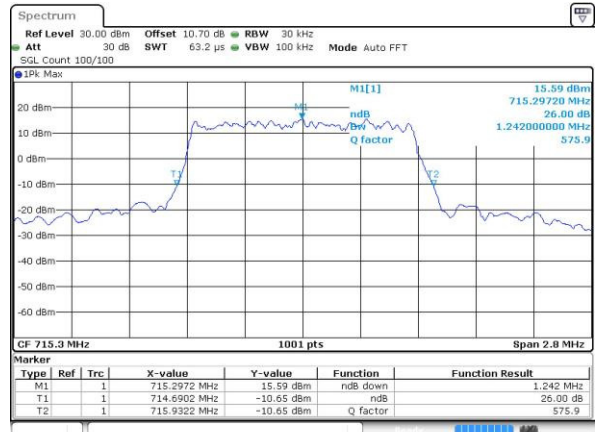
Date: 21 DEC 2016 09:52:18

Highest Channel / 1.4MHz / QPSK



Date: 21 DEC 2016 09:54:48

Highest Channel / 1.4MHz / 16QAM

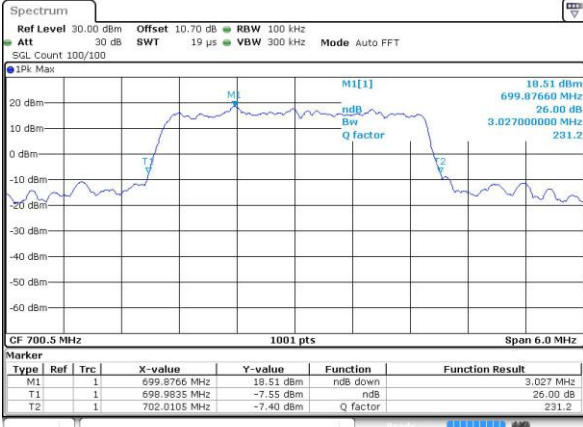


Date: 21 DEC 2016 09:54:37



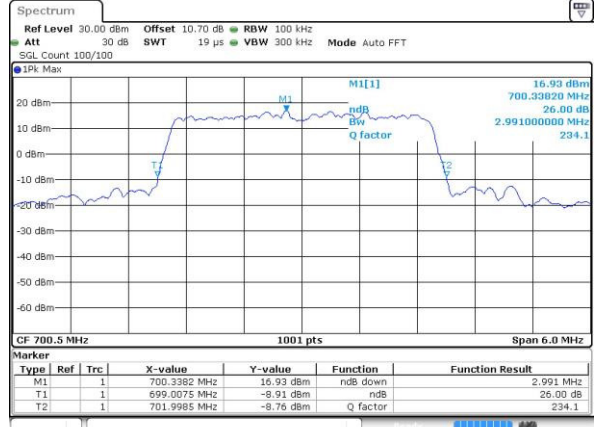
LTE Band 12

Lowest Channel / 3MHz / QPSK



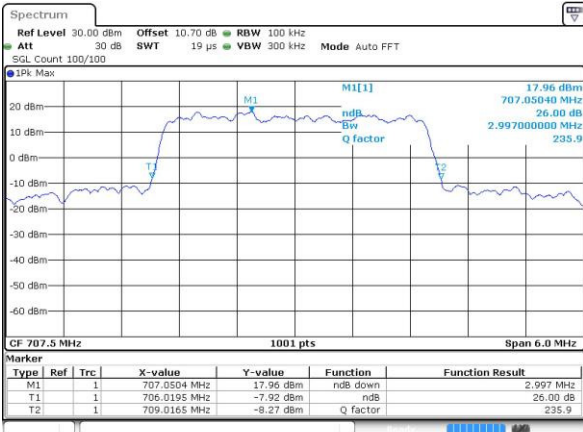
Date: 21 DEC 2016 08:55:08

Lowest Channel / 3MHz / 16QAM



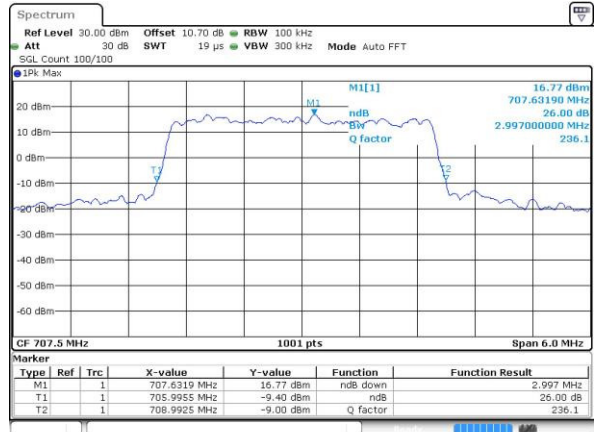
Date: 21 DEC 2016 08:54:57

Middle Channel / 3MHz / QPSK



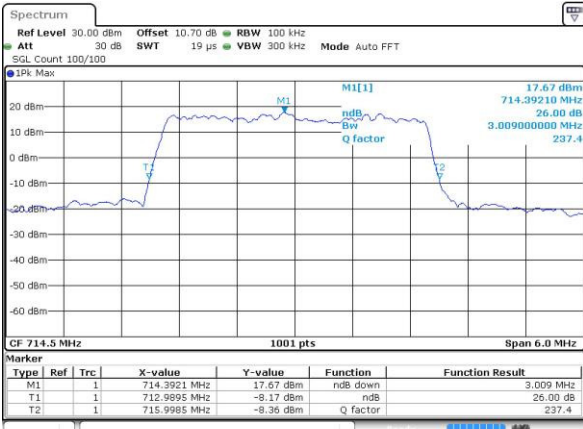
Date: 21 DEC 2016 09:02:05

Middle Channel / 3MHz / 16QAM



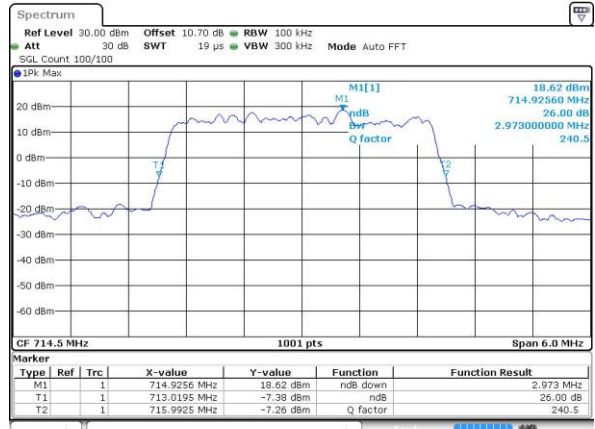
Date: 21 DEC 2016 09:02:15

Highest Channel / 3MHz / QPSK



Date: 21 DEC 2016 09:04:44

Highest Channel / 3MHz / 16QAM

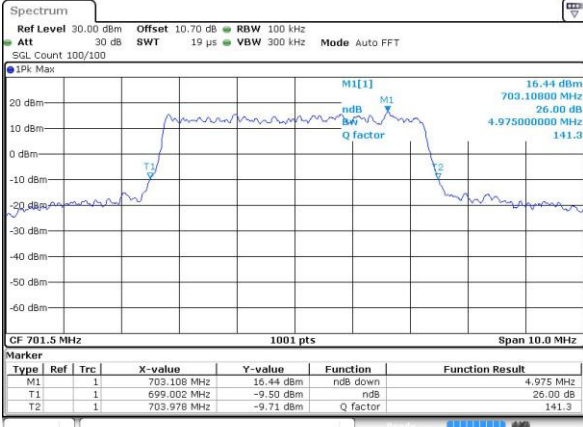


Date: 21 DEC 2016 09:04:34



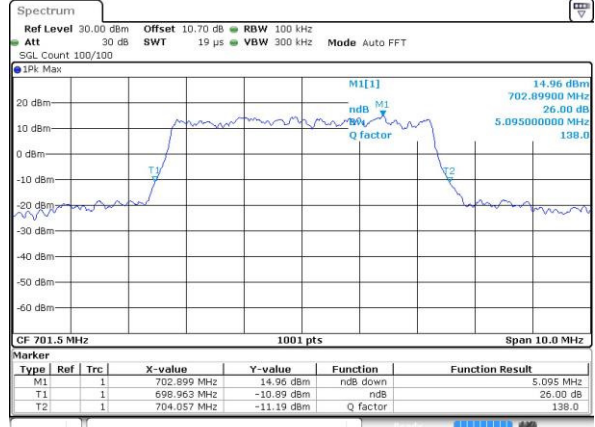
LTE Band 12

Lowest Channel / 5MHz / QPSK



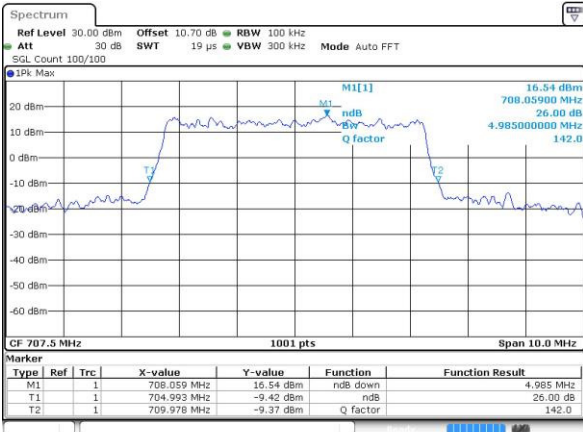
Date: 21 DEC 2016 09:11:50

Lowest Channel / 5MHz / 16QAM



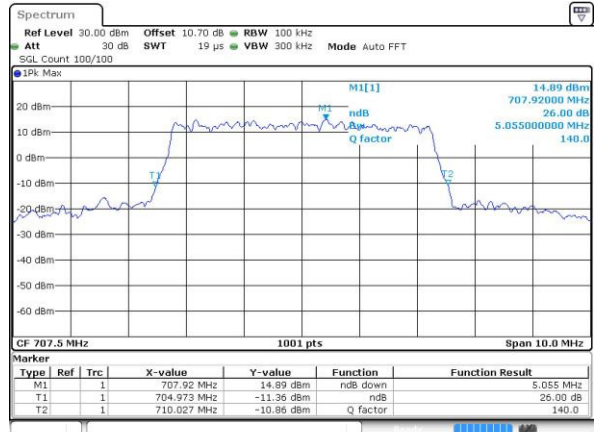
Date: 21 DEC 2016 09:11:40

Middle Channel / 5MHz / QPSK



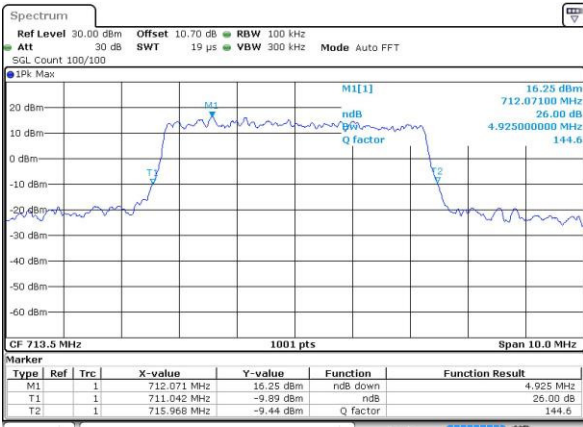
Date: 21 DEC 2016 09:18:48

Middle Channel / 5MHz / 16QAM



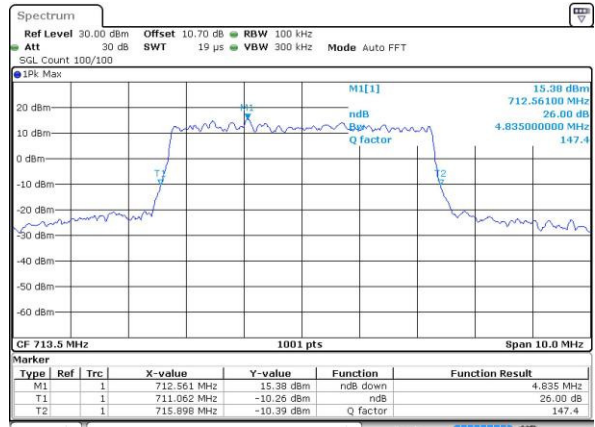
Date: 21 DEC 2016 09:18:56

Highest Channel / 5MHz / QPSK



Date: 21 DEC 2016 09:21:26

Highest Channel / 5MHz / 16QAM

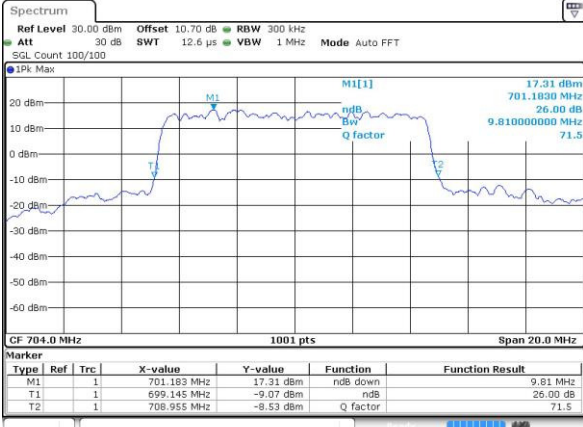


Date: 21 DEC 2016 09:21:15



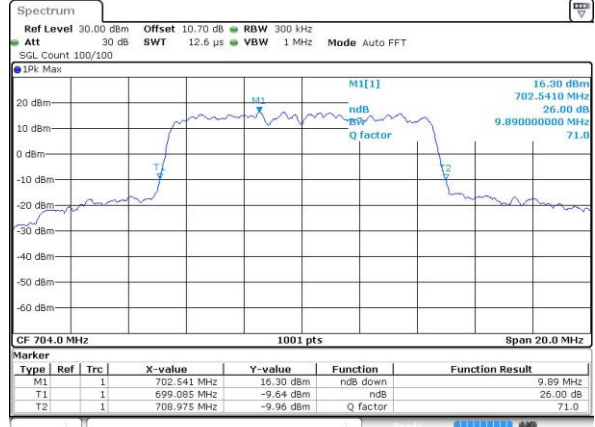
LTE Band 12

Lowest Channel / 10MHz / QPSK



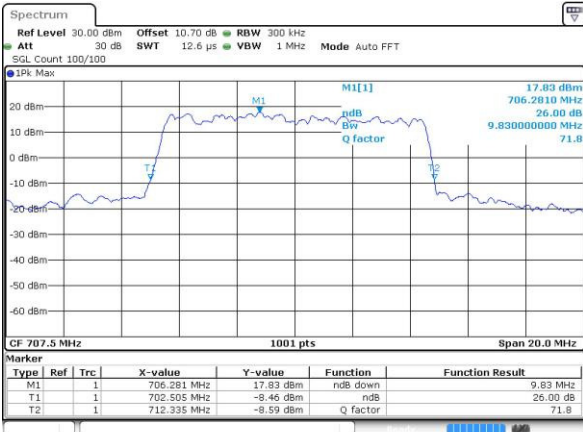
Date: 21 DEC 2016 09:28:31

Lowest Channel / 10MHz / 16QAM



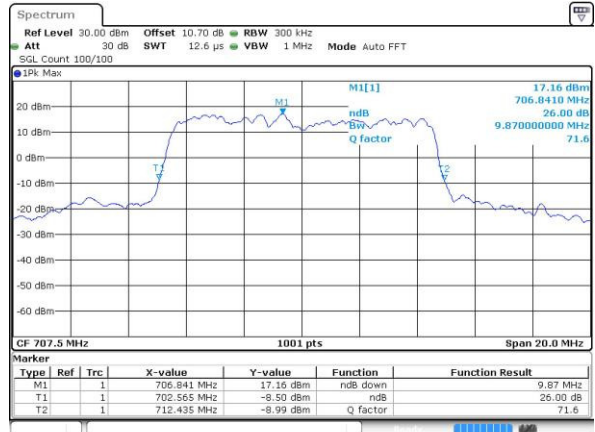
Date: 21 DEC 2016 09:28:21

Middle Channel / 10MHz / QPSK



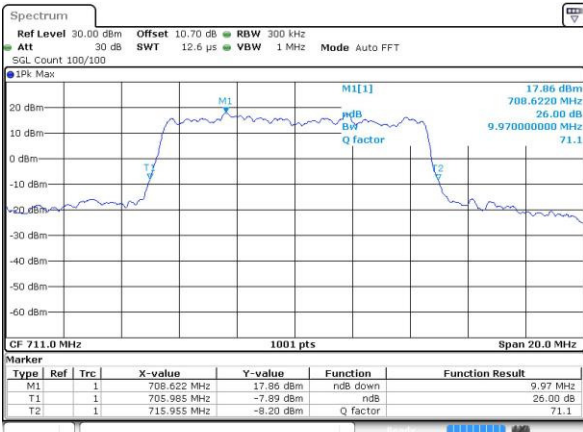
Date: 21 DEC 2016 09:35:27

Middle Channel / 10MHz / 16QAM



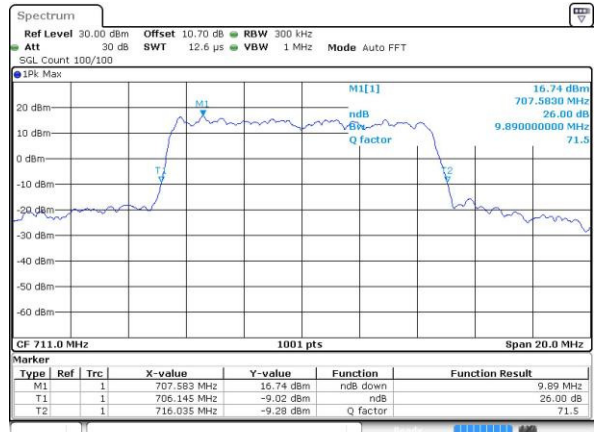
Date: 21 DEC 2016 09:35:37

Highest Channel / 10MHz / QPSK



Date: 21 DEC 2016 09:38:07

Highest Channel / 10MHz / 16QAM



Date: 21 DEC 2016 09:37:56



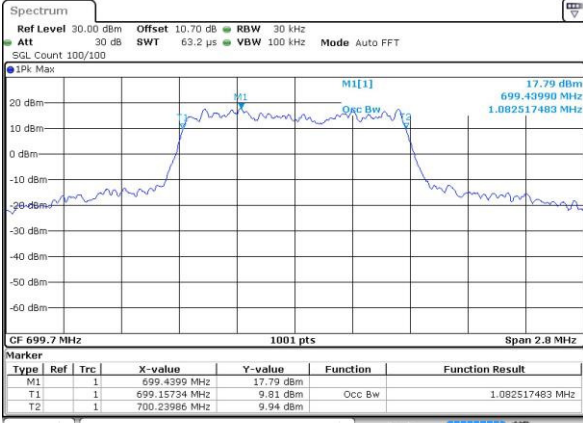
Occupied Bandwidth

| Mode | LTE Band 12 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| BW | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.08 | 1.09 | 2.72 | 2.72 | 4.51 | 4.53 | 9.05 | 9.03 | - | - | - | - |
| Middle CH | 1.08 | 1.1 | 2.73 | 2.73 | 4.52 | 4.49 | 9.03 | 9.03 | - | - | - | - |
| Highest CH | 1.1 | 1.11 | 2.71 | 2.73 | 4.5 | 4.5 | 9.03 | 9.03 | - | - | - | - |



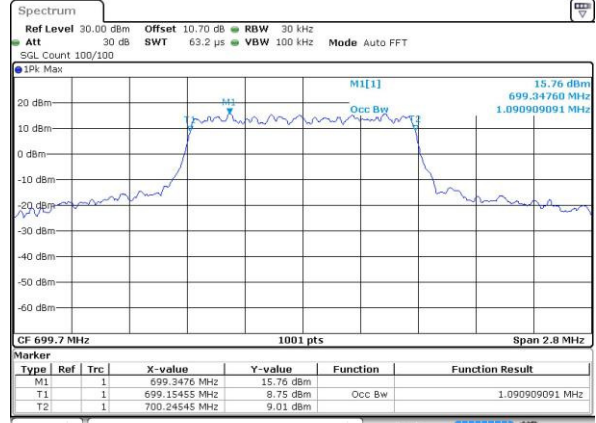
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



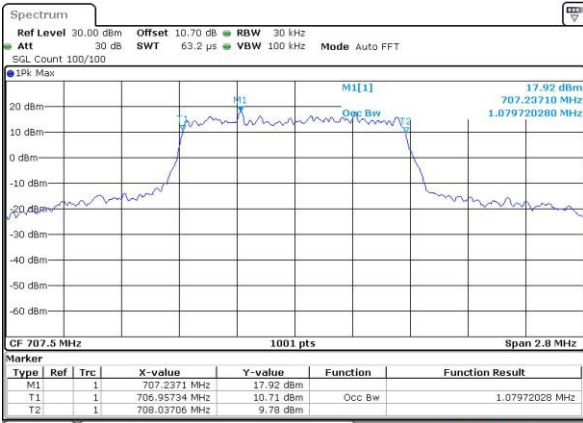
Date: 21 DEC 2016 09:44:42

Lowest Channel / 1.4MHz / 16QAM



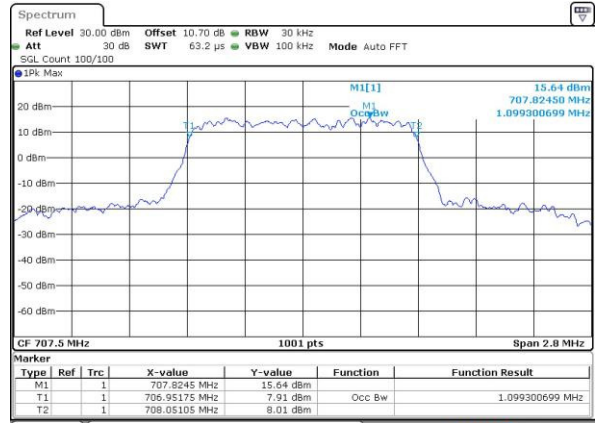
Date: 21 DEC 2016 09:44:52

Middle Channel / 1.4MHz / QPSK



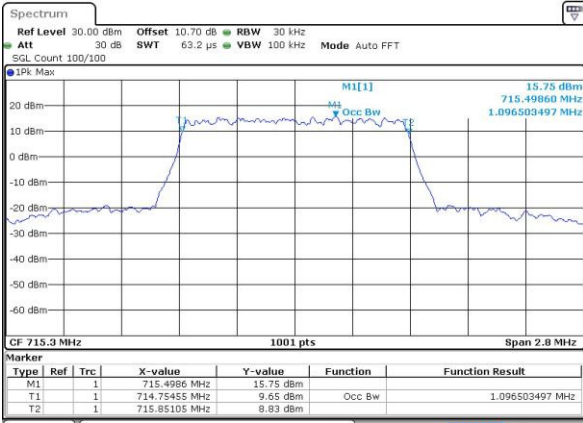
Date: 21 DEC 2016 09:51:58

Middle Channel / 1.4MHz / 16QAM



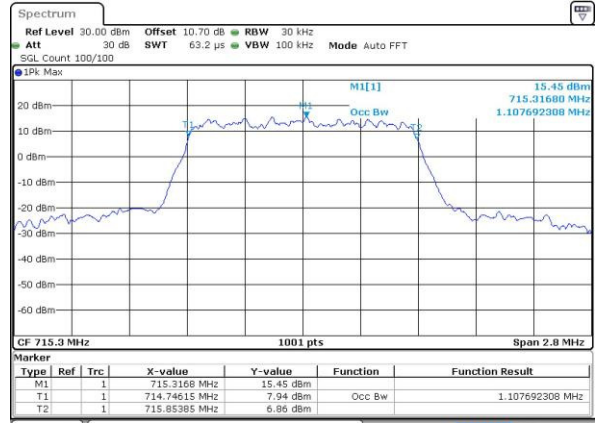
Date: 21 DEC 2016 09:51:47

Highest Channel / 1.4MHz / QPSK



Date: 21 DEC 2016 09:54:17

Highest Channel / 1.4MHz / 16QAM

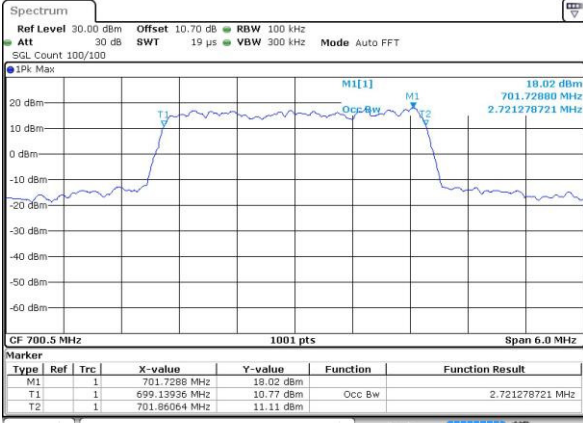


Date: 21 DEC 2016 09:54:27



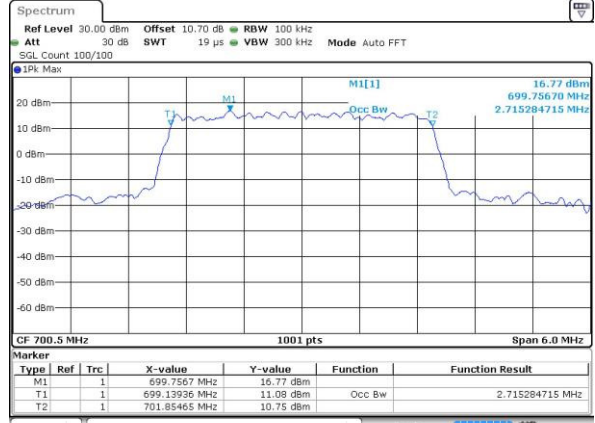
LTE Band 12

Lowest Channel / 3MHz / QPSK



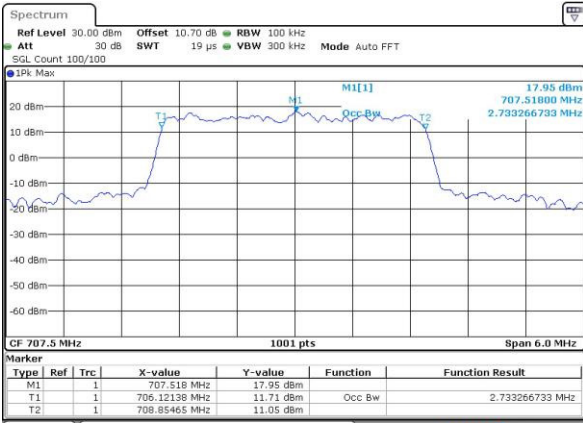
Date: 21 DEC 2016 08:54:36

Lowest Channel / 3MHz / 16QAM



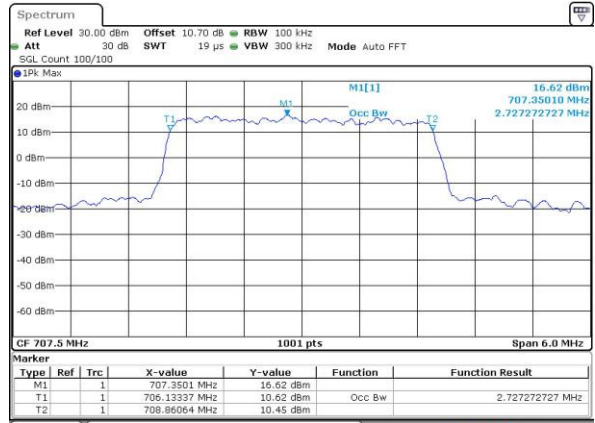
Date: 21 DEC 2016 08:54:47

Middle Channel / 3MHz / QPSK



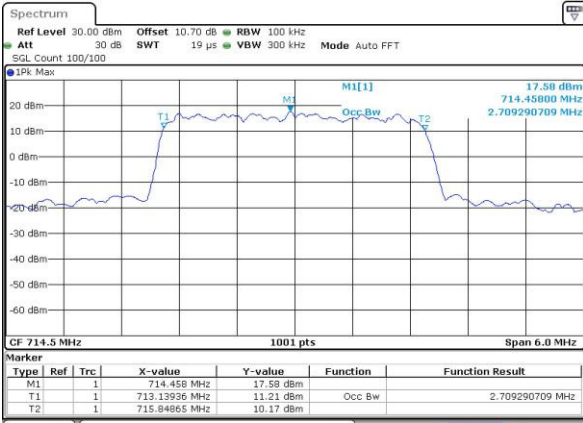
Date: 21 DEC 2016 09:01:54

Middle Channel / 3MHz / 16QAM



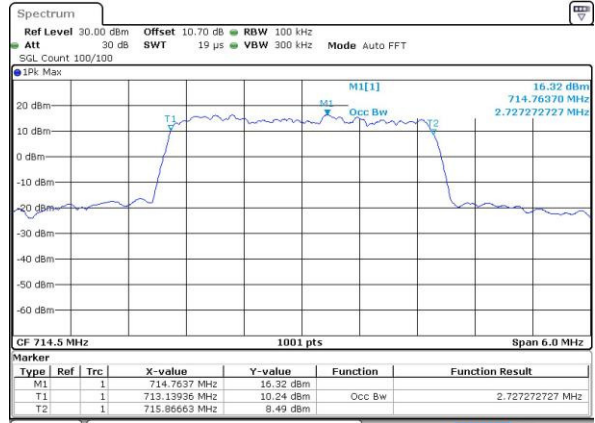
Date: 21 DEC 2016 09:01:43

Highest Channel / 3MHz / QPSK



Date: 21 DEC 2016 09:04:14

Highest Channel / 3MHz / 16QAM

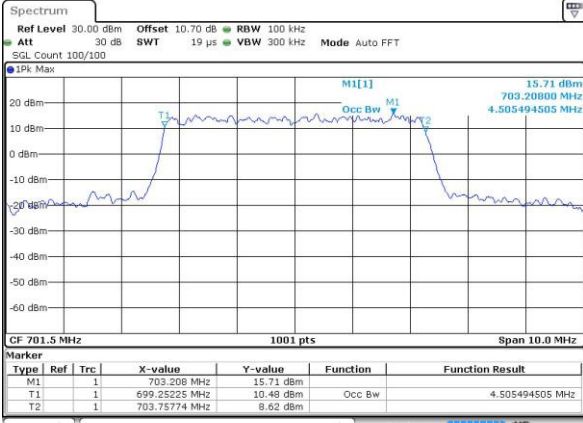


Date: 21 DEC 2016 09:04:24



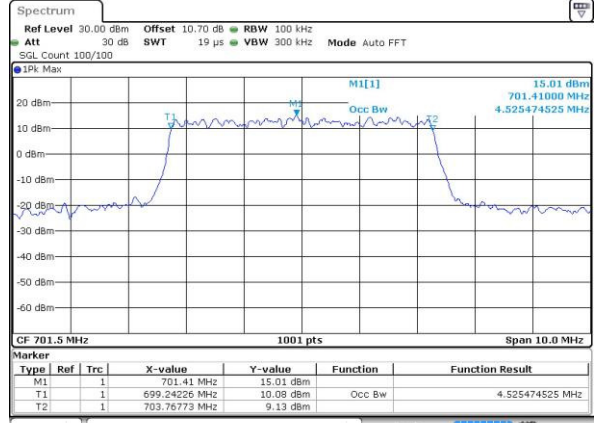
LTE Band 12

Lowest Channel / 5MHz / QPSK



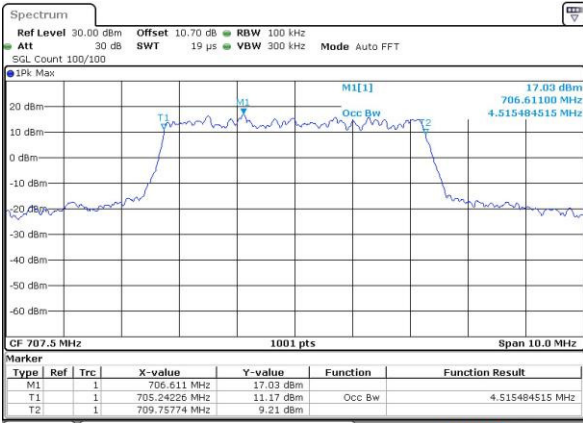
Date: 21 DEC 2016 09:11:19

Lowest Channel / 5MHz / 16QAM



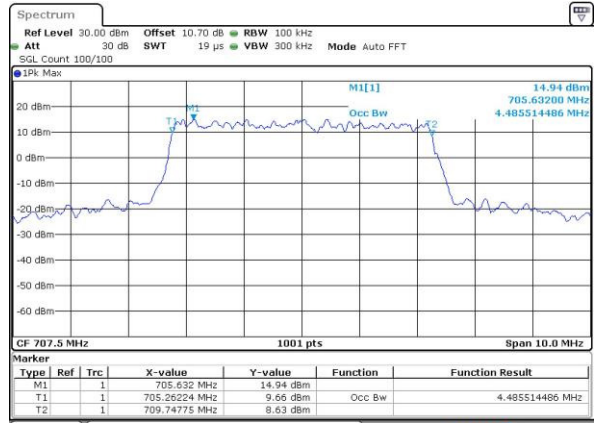
Date: 21 DEC 2016 09:11:30

Middle Channel / 5MHz / QPSK



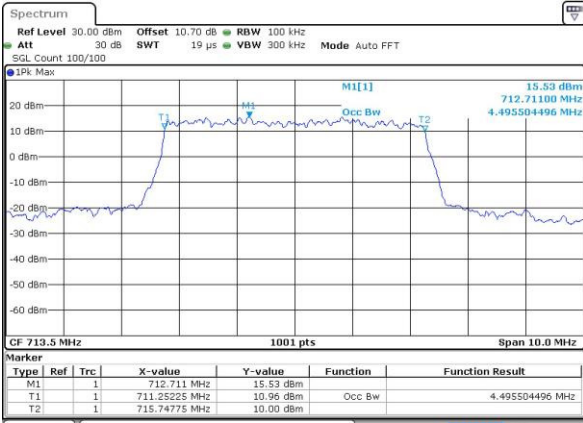
Date: 21 DEC 2016 09:18:38

Middle Channel / 5MHz / 16QAM



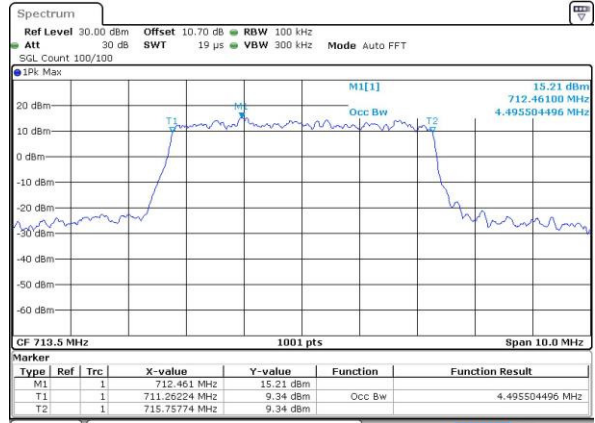
Date: 21 DEC 2016 09:18:25

Highest Channel / 5MHz / QPSK



Date: 21 DEC 2016 09:20:55

Highest Channel / 5MHz / 16QAM

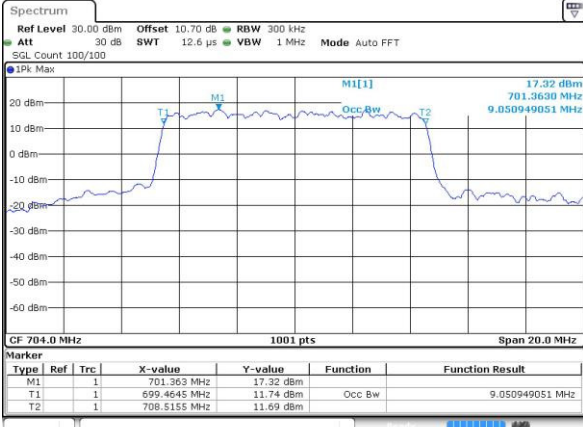


Date: 21 DEC 2016 09:21:05



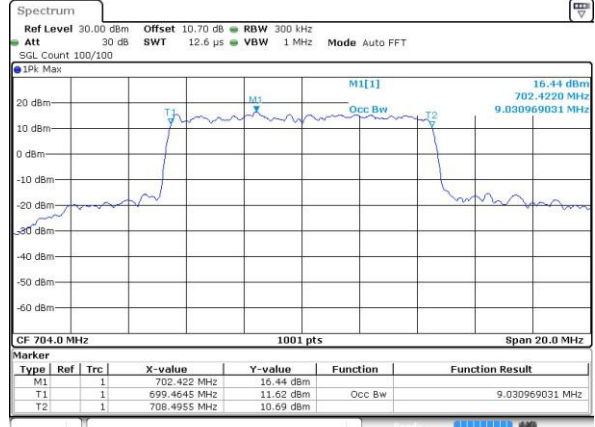
LTE Band 12

Lowest Channel / 10MHz / QPSK



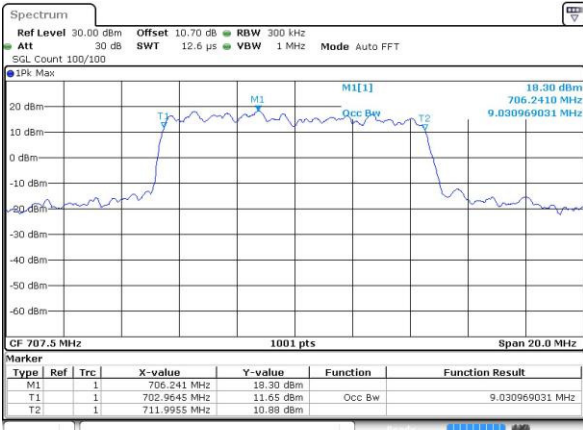
Date: 21 DEC 2016 09:28:01

Lowest Channel / 10MHz / 16QAM



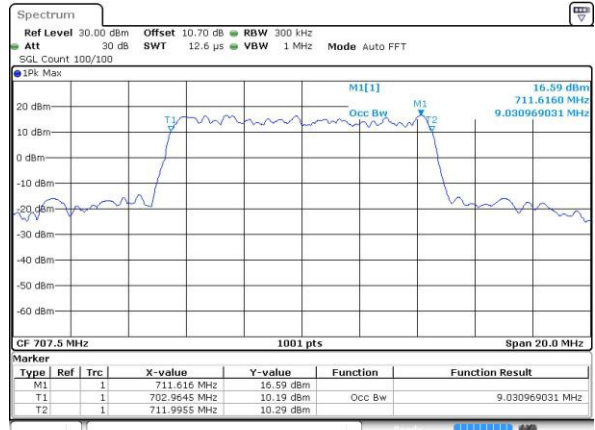
Date: 21 DEC 2016 09:28:11

Middle Channel / 10MHz / QPSK



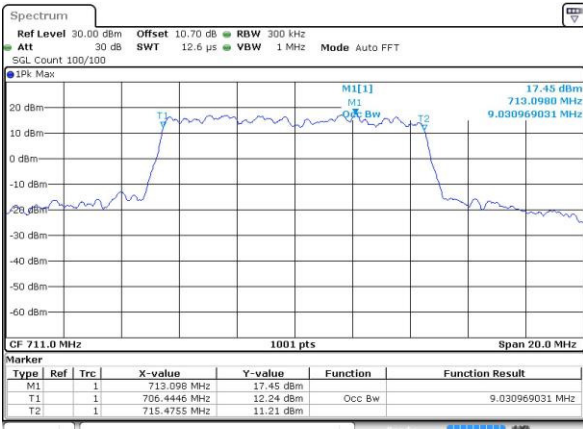
Date: 21 DEC 2016 09:35:17

Middle Channel / 10MHz / 16QAM



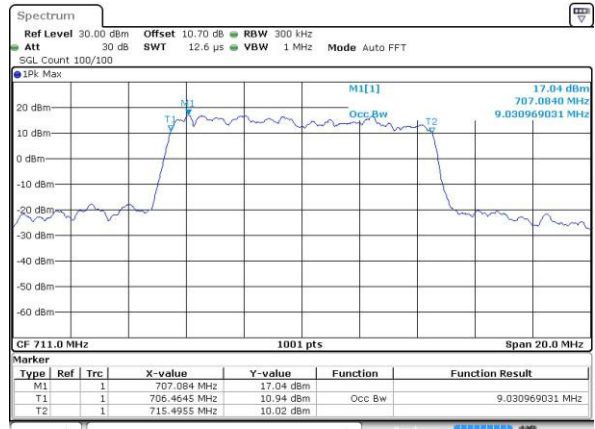
Date: 21 DEC 2016 09:35:07

Highest Channel / 10MHz / QPSK



Date: 21 DEC 2016 09:37:36

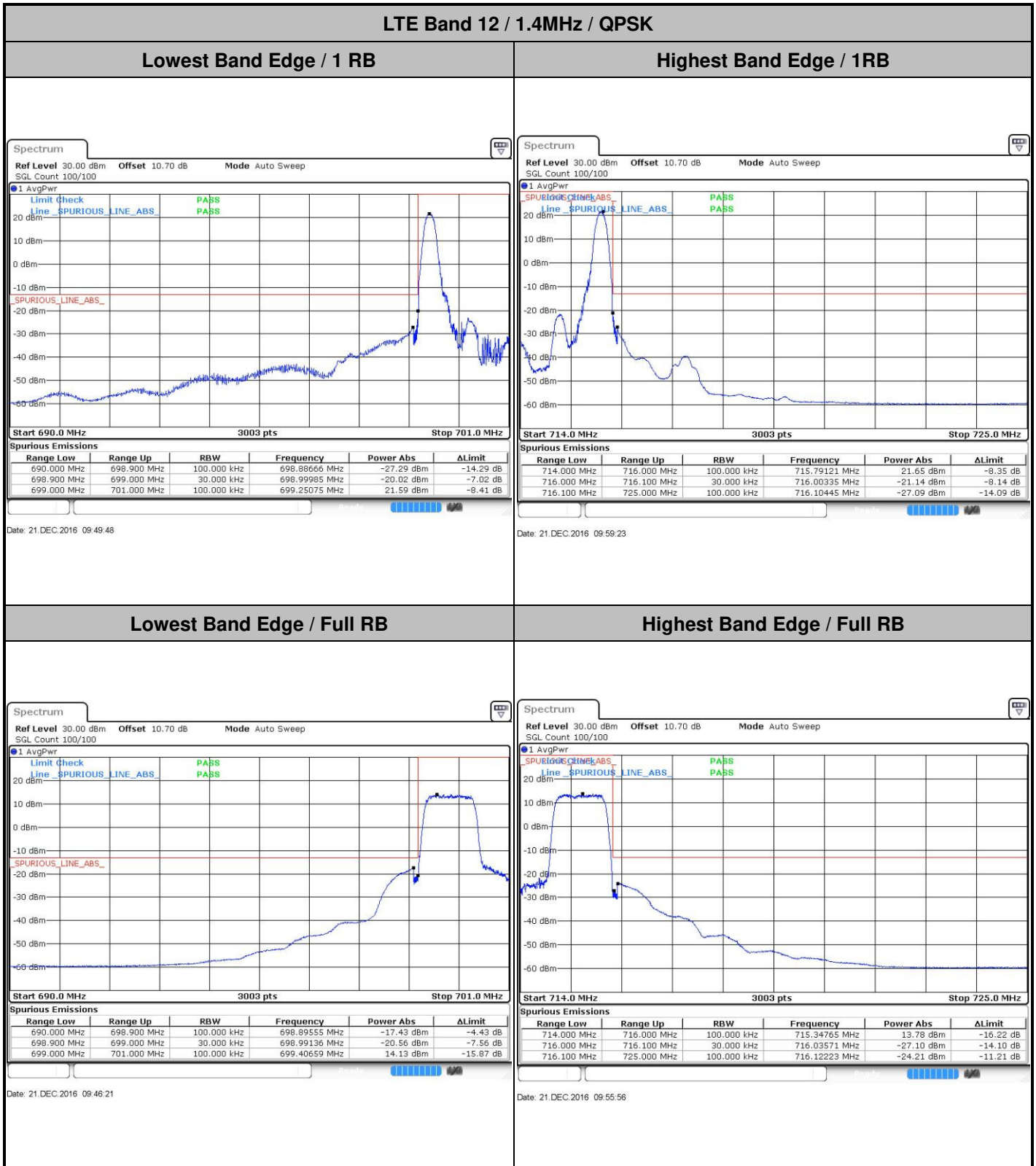
Highest Channel / 10MHz / 16QAM



Date: 21 DEC 2016 09:37:46



Conducted Band Edge

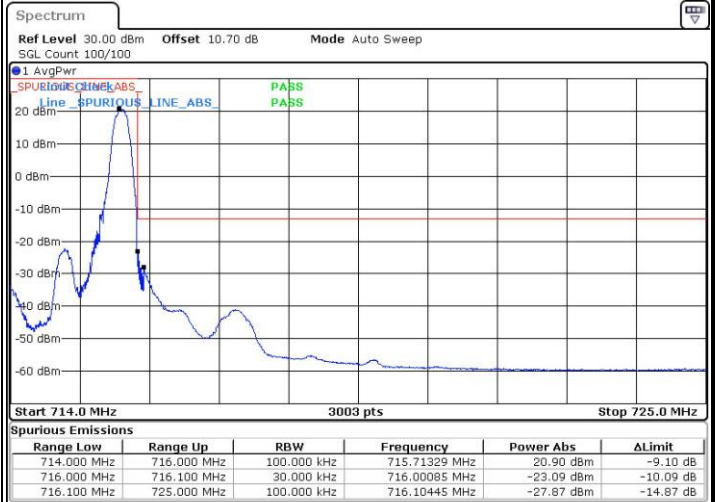
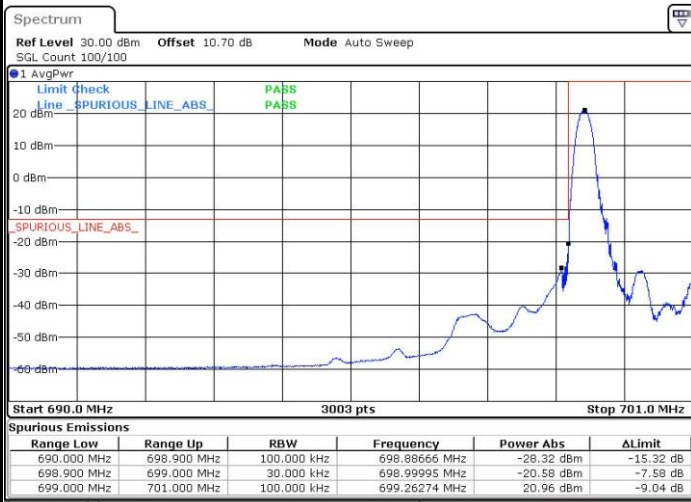




LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 21.DEC.2016 09:48:39

Date: 21.DEC.2016 09:58:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



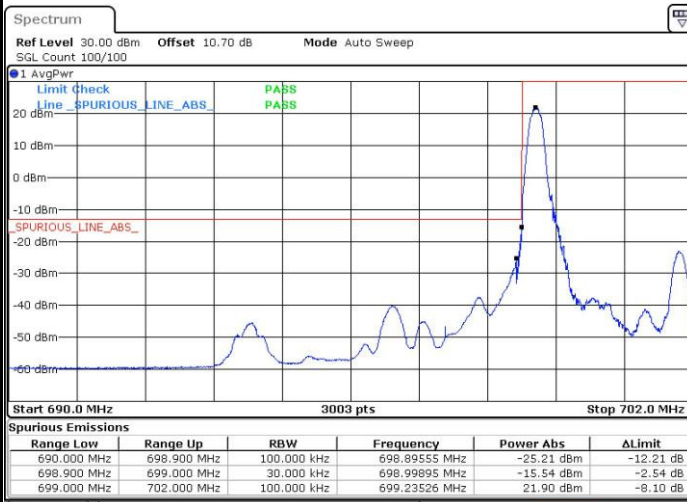
Date: 21.DEC.2016 09:47:30

Date: 21.DEC.2016 09:57:05



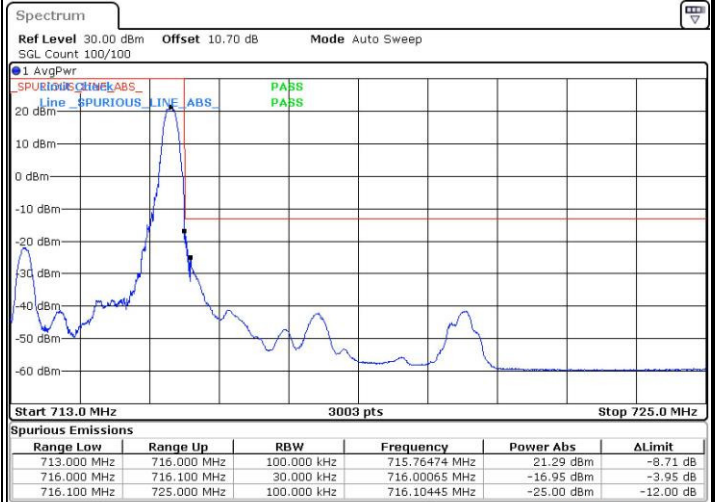
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 21 DEC 2016 08:59:44

Highest Band Edge / 1 RB



Date: 21 DEC 2016 09:09:20

Lowest Band Edge / Full RB



Date: 21 DEC 2016 08:56:17

Highest Band Edge / Full RB

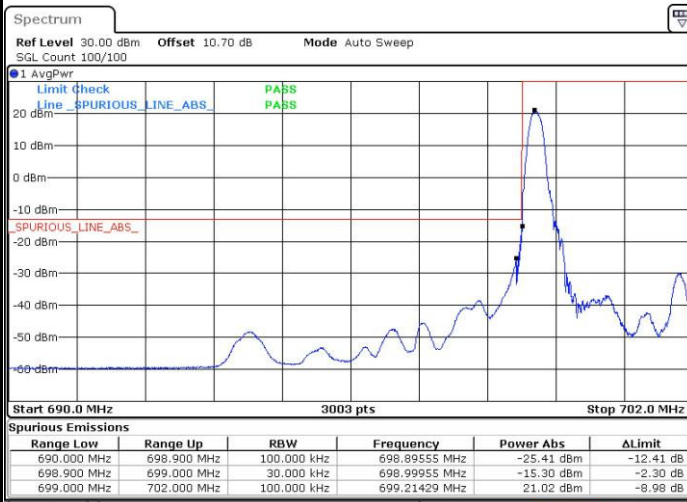


Date: 21 DEC 2016 09:05:53



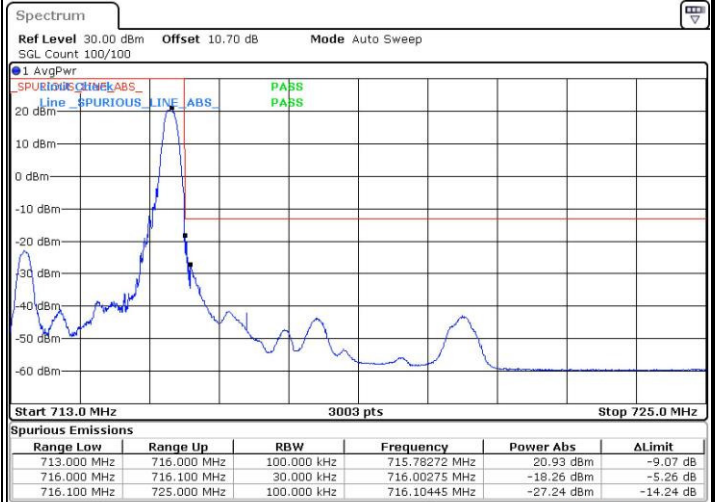
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



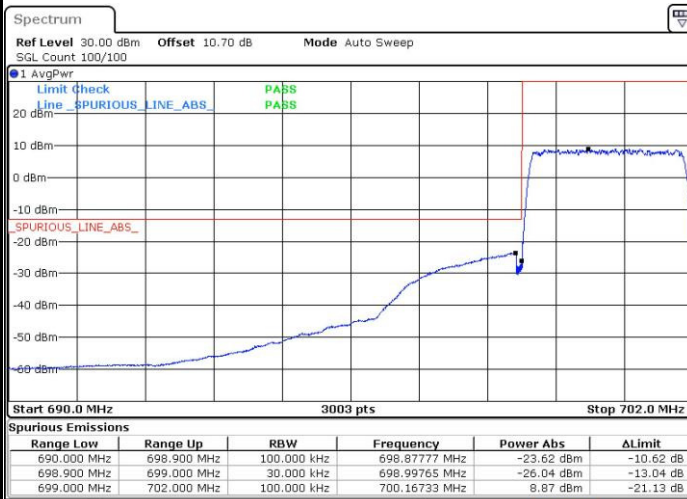
Date: 21 DEC 2016 08:58:35

Highest Band Edge / 1 RB



Date: 21 DEC 2016 09:08:11

Lowest Band Edge / Full RB



Date: 21 DEC 2016 08:57:26

Highest Band Edge / Full RB

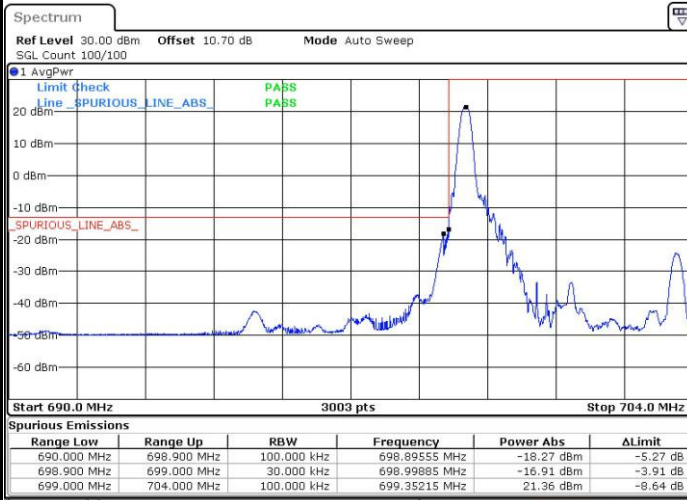


Date: 21 DEC 2016 09:07:02



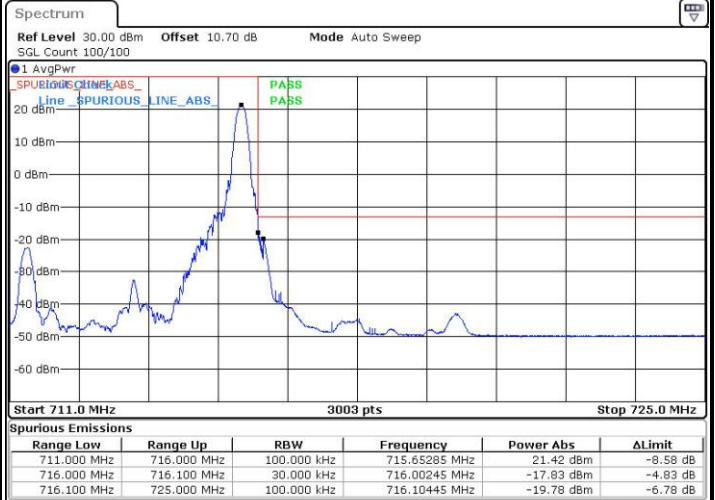
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



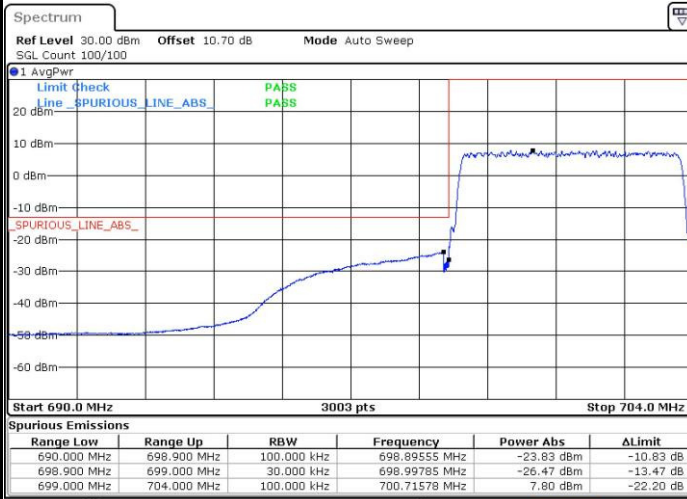
Date: 21 DEC 2016 09:16:26

Highest Band Edge / 1 RB



Date: 21 DEC 2016 09:24:52

Lowest Band Edge / Full RB



Date: 21 DEC 2016 09:12:59

Highest Band Edge / Full RB

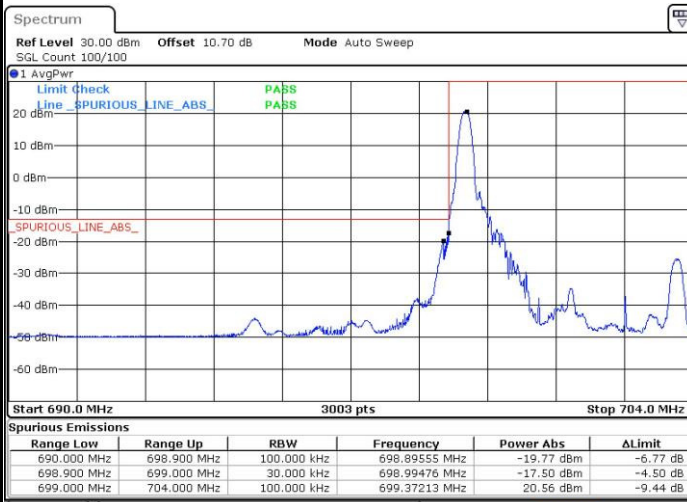


Date: 21 DEC 2016 09:22:34



LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



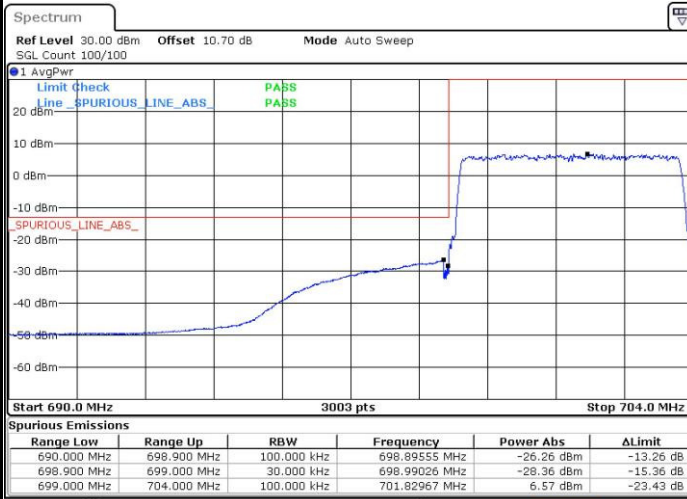
Date: 21 DEC 2016 09:15:17

Highest Band Edge / 1 RB



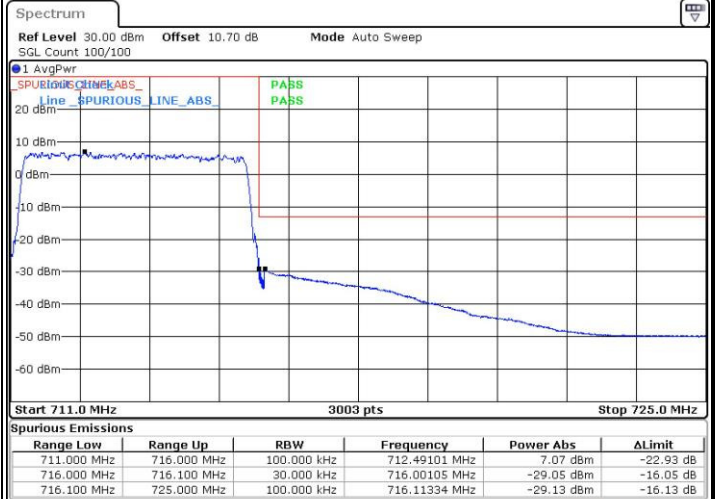
Date: 21 DEC 2016 09:28:01

Lowest Band Edge / Full RB



Date: 21 DEC 2016 09:14:08

Highest Band Edge / Full RB

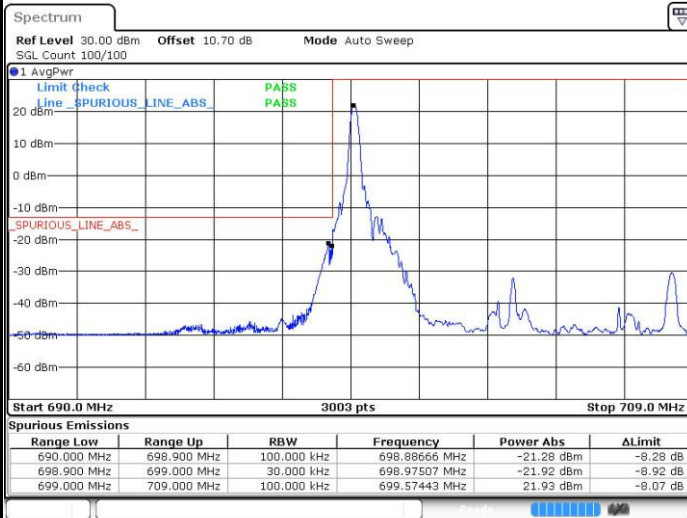


Date: 21 DEC 2016 09:23:43



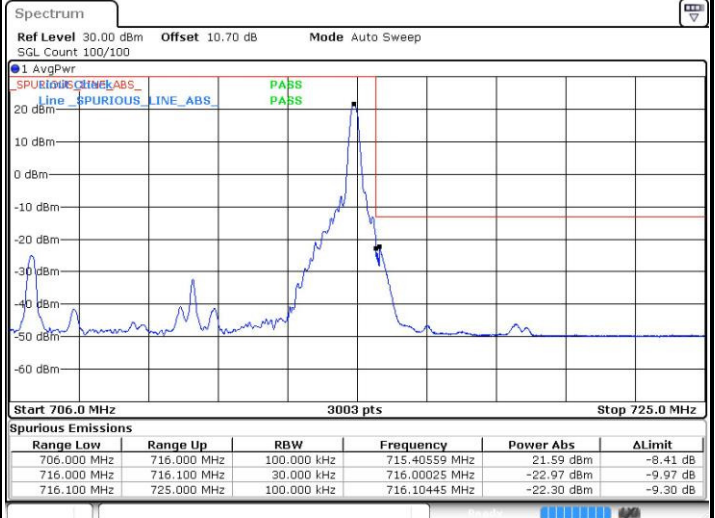
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



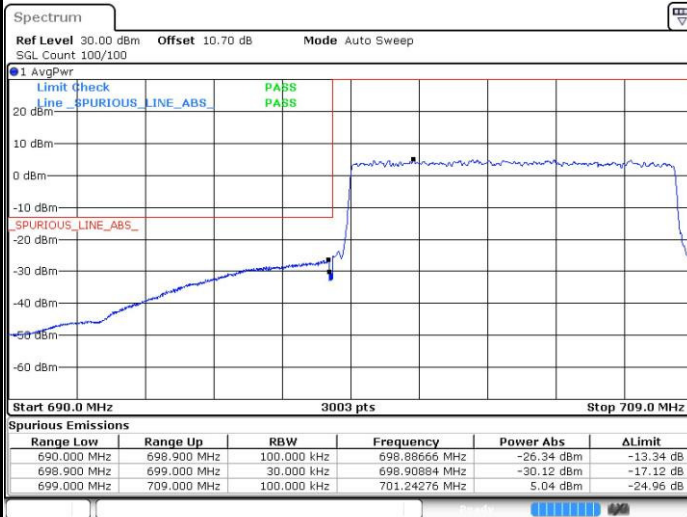
Date: 21 DEC 2016 09:33:07

Highest Band Edge / 1 RB



Date: 21 DEC 2016 09:42:42

Lowest Band Edge / Full RB



Date: 21 DEC 2016 09:29:40

Highest Band Edge / Full RB

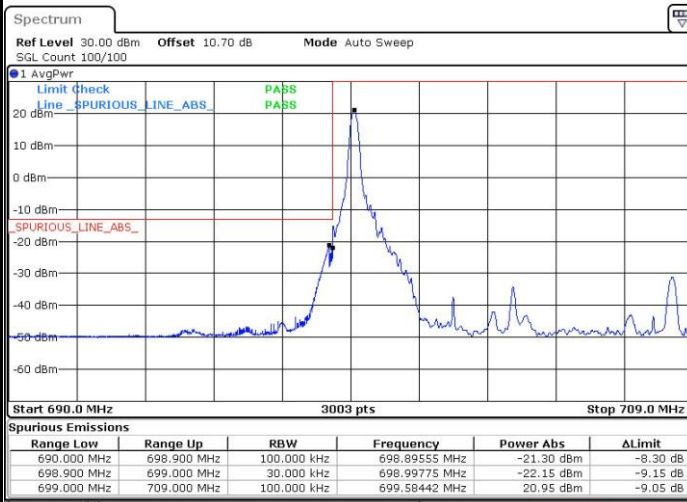


Date: 21 DEC 2016 09:39:15



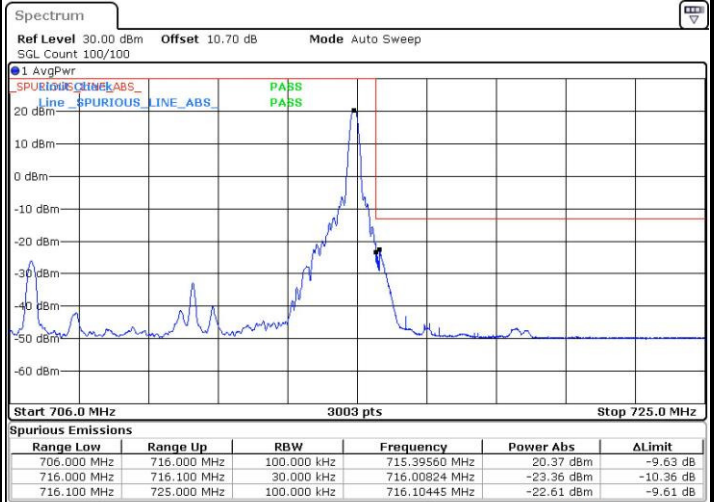
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



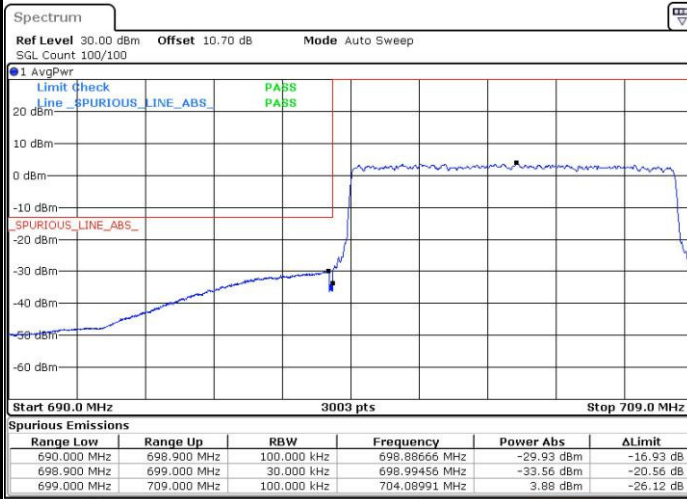
Date: 21 DEC 2016 09:31:58

Highest Band Edge / 1 RB



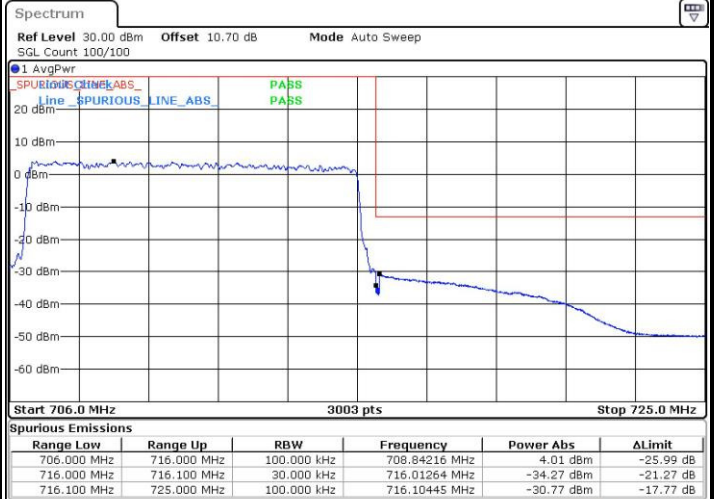
Date: 21 DEC 2016 09:41:33

Lowest Band Edge / Full RB



Date: 21 DEC 2016 09:30:49

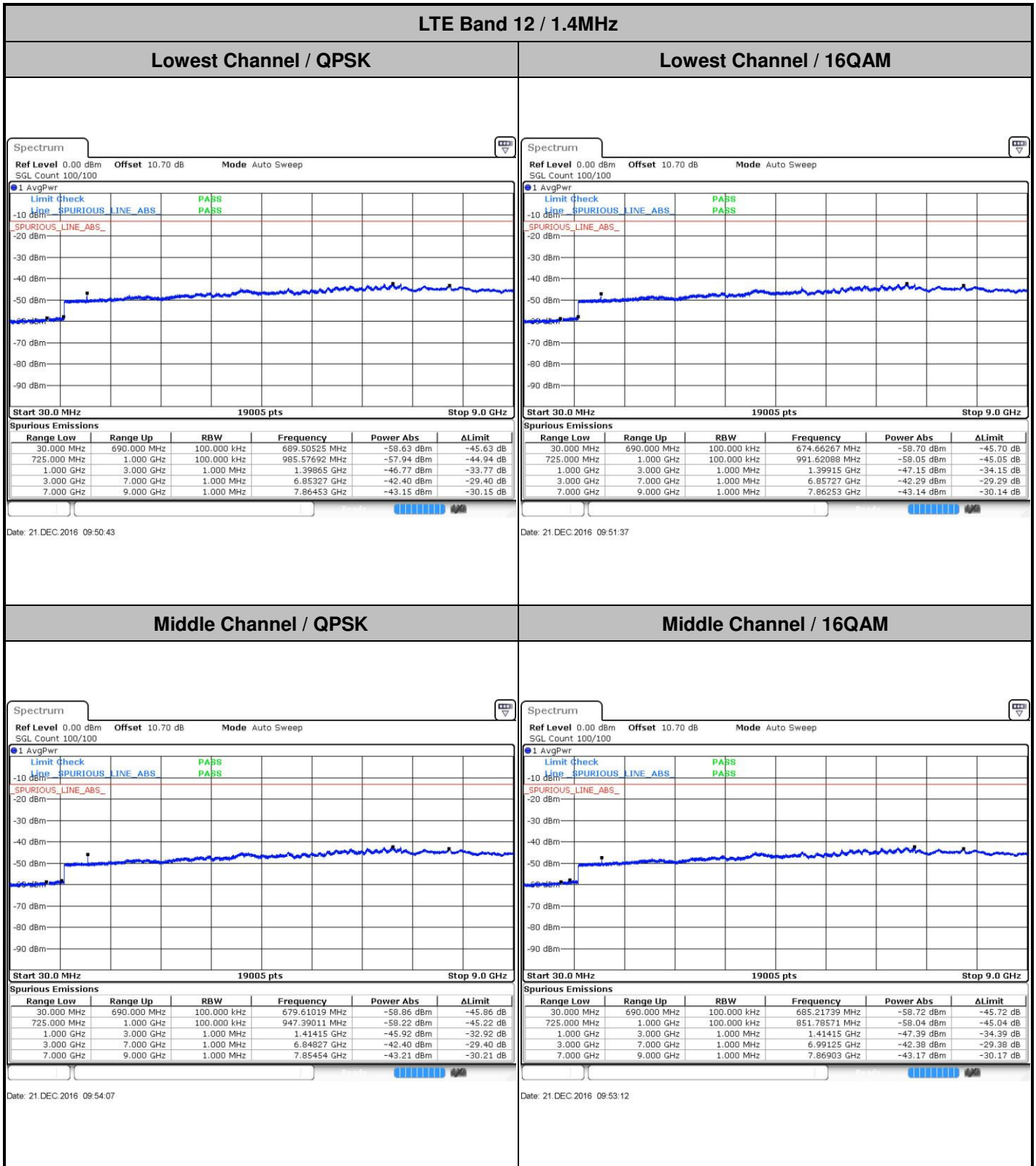
Highest Band Edge / Full RB



Date: 21 DEC 2016 09:40:24



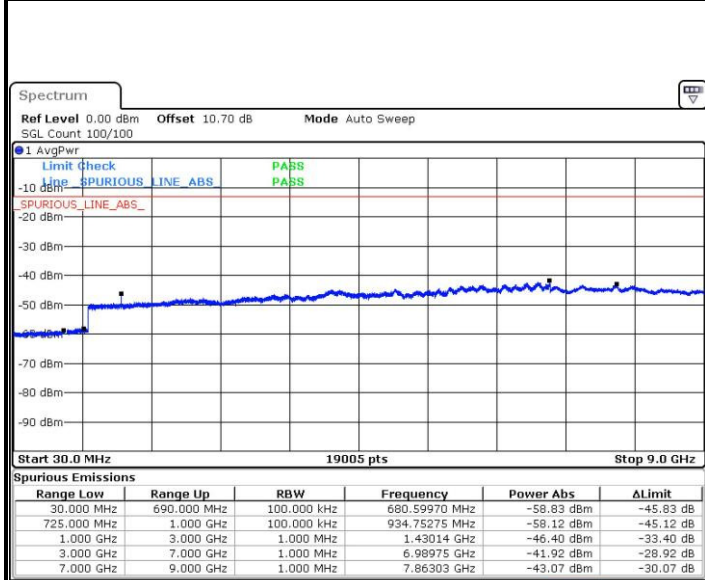
Conducted Spurious Emission





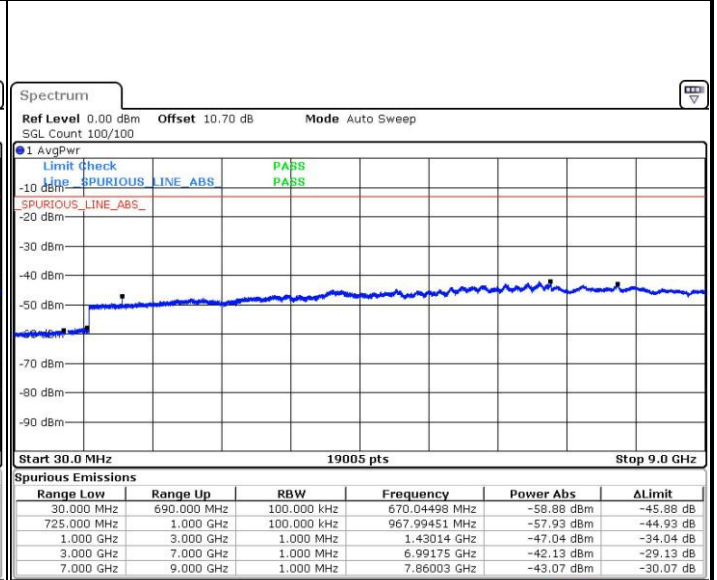
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 21.DEC.2016 10:00:18

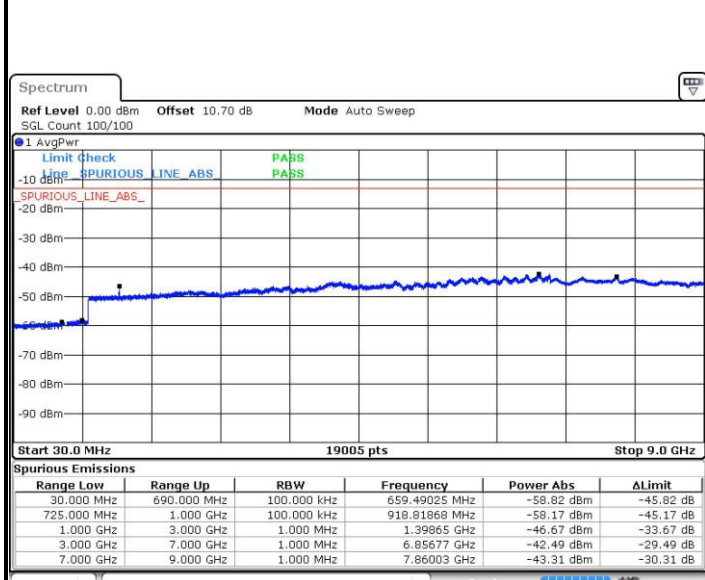
Highest Channel / 16QAM



Date: 21.DEC.2016 10:01:12

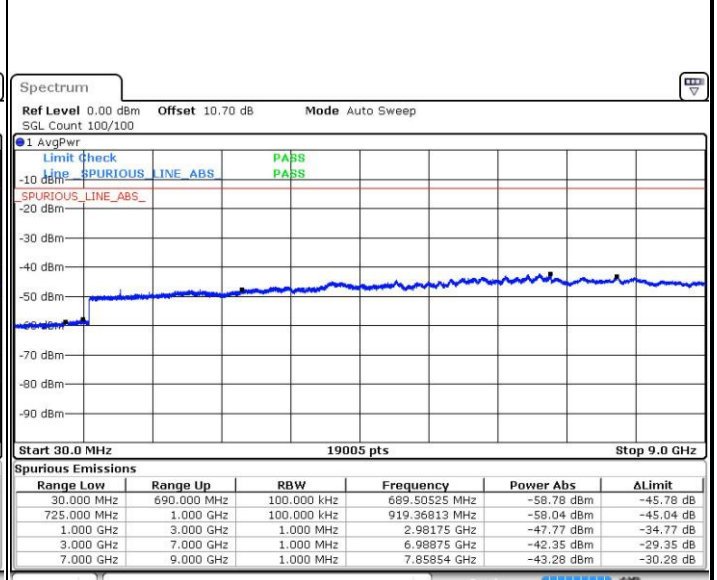
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 21.DEC.2016 09:00:39

Lowest Channel / 16QAM



Date: 21.DEC.2016 09:01:33