



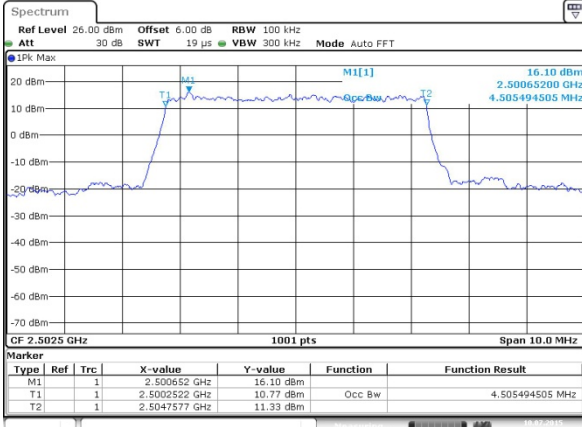
Occupied Bandwidth

| Mode | LTE Band 7 : 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 | - | - | - | - | 4.51 | 4.51 | 9.05 | 9.09 | 13.49 | 13.49 | 18.38 | 18.42 |
| Middle CH | - | - | - | - | 4.51 | 4.51 | 9.07 | 9.03 | 13.49 | 13.46 | 18.26 | 18.42 |
| Highest CH | - | - | - | - | 4.5 | 4.5 | 9.07 | 9.03 | 13.46 | 13.46 | 18.34 | 18.34 |



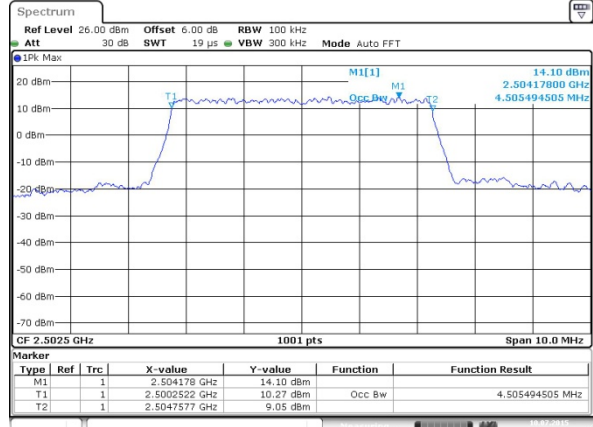
LTE Band 7

Lowest Channel / 5MHz / QPSK



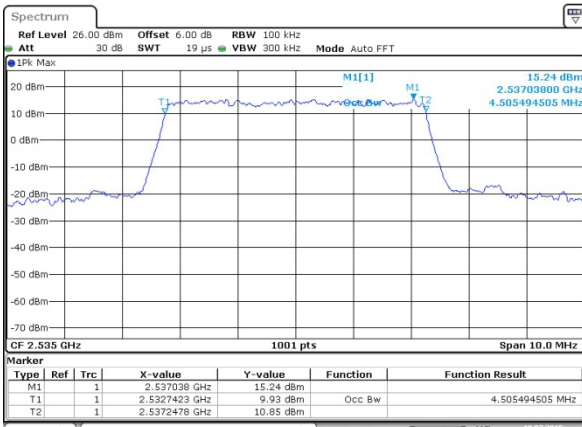
Date: 10 JUL 2015 01:21:44

Lowest Channel / 5MHz / 16QAM



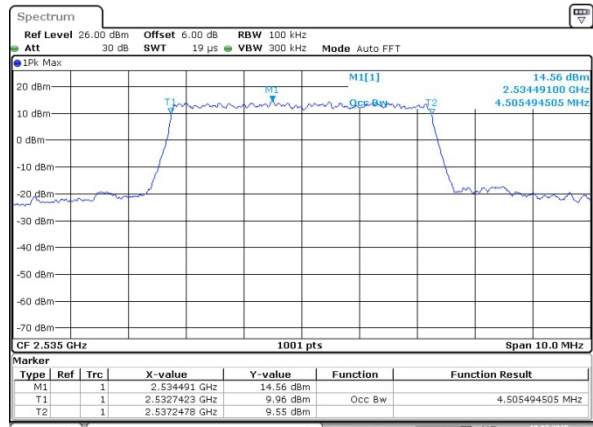
Date: 10 JUL 2015 01:21:54

Middle Channel / 5MHz / QPSK



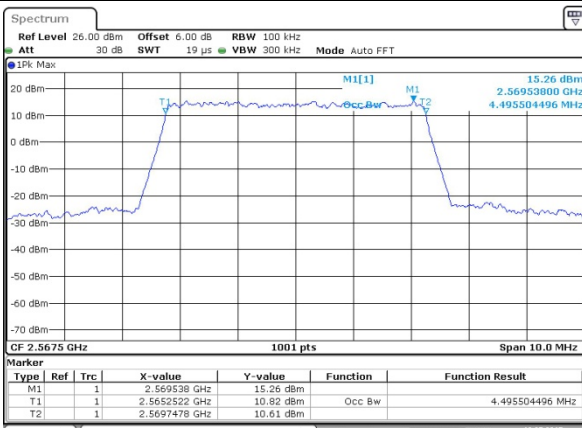
Date: 10 JUL 2015 01:29:23

Middle Channel / 5MHz / 16QAM



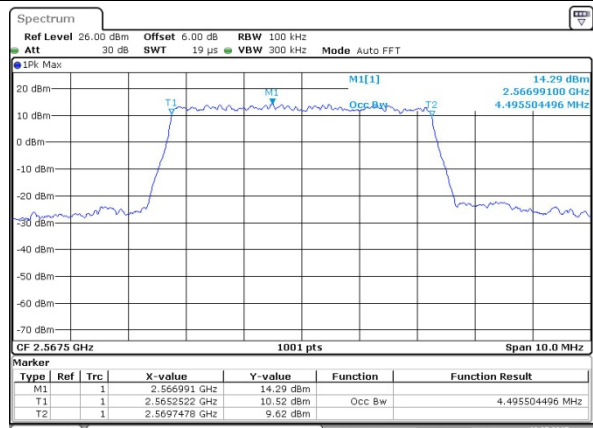
Date: 10 JUL 2015 01:29:34

Highest Channel / 5MHz / QPSK



Date: 10 JUL 2015 01:32:29

Highest Channel / 5MHz / 16QAM

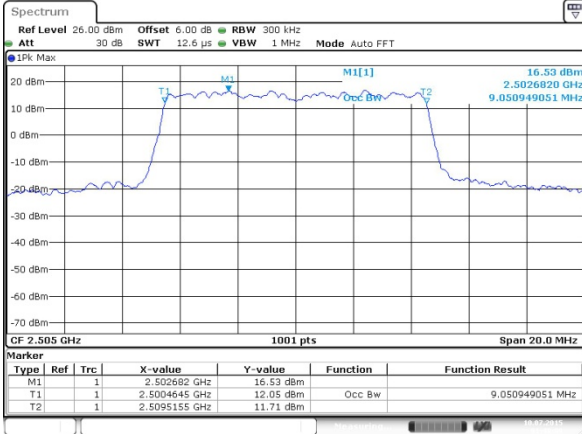


Date: 10 JUL 2015 01:32:40



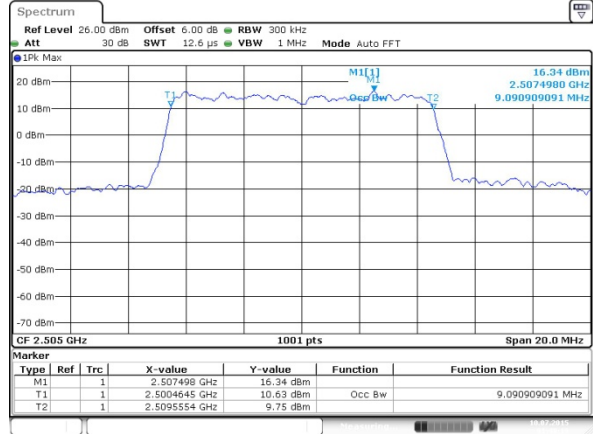
LTE Band 7

Lowest Channel / 10MHz / QPSK



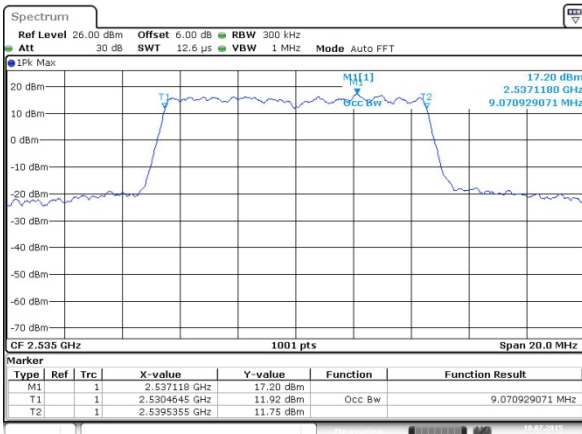
Date: 10 JUL 2015 01:40:09

Lowest Channel / 10MHz / 16QAM



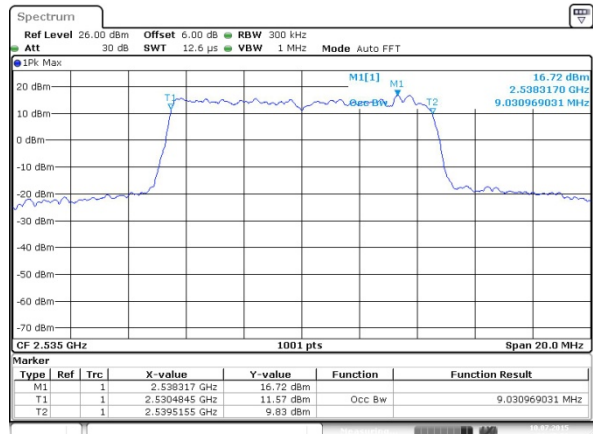
Date: 10 JUL 2015 01:40:19

Middle Channel / 10MHz / QPSK



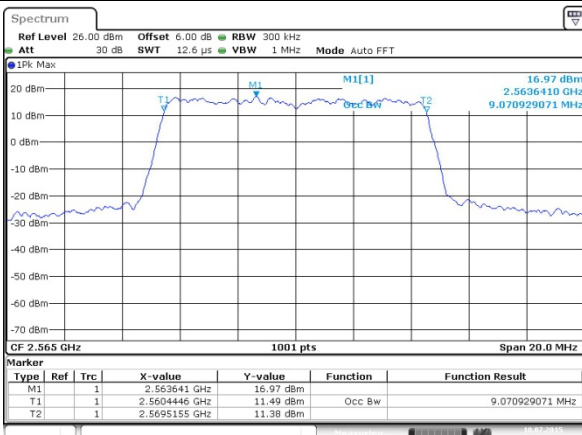
Date: 10 JUL 2015 01:47:48

Middle Channel / 10MHz / 16QAM



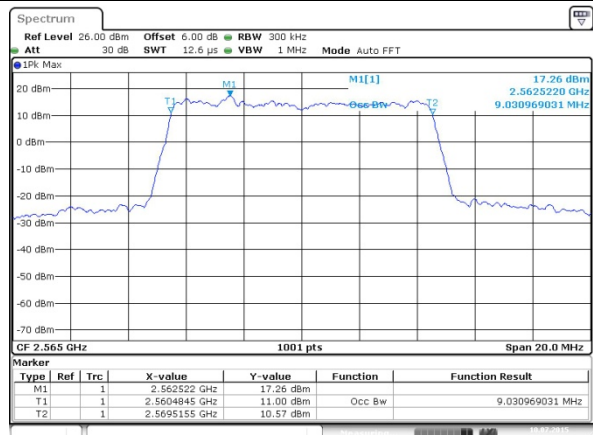
Date: 10 JUL 2015 01:47:59

Highest Channel / 10MHz / QPSK



Date: 10 JUL 2015 01:50:54

Highest Channel / 10MHz / 16QAM

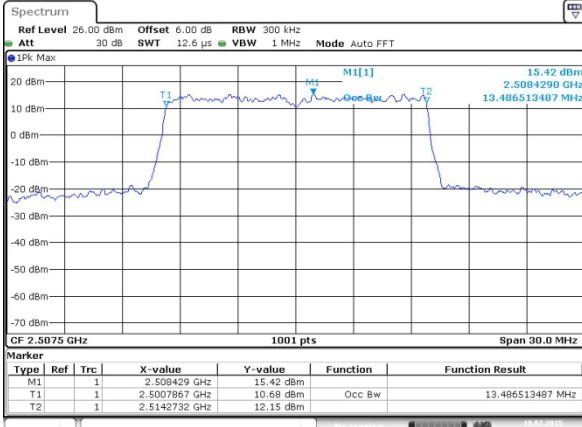


Date: 10 JUL 2015 01:51:04



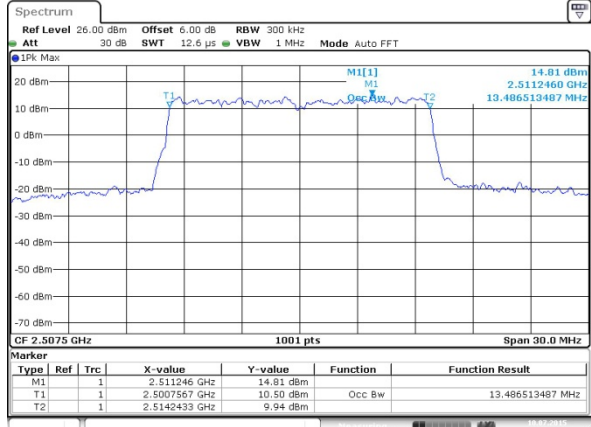
LTE Band 7

Lowest Channel / 15MHz / QPSK



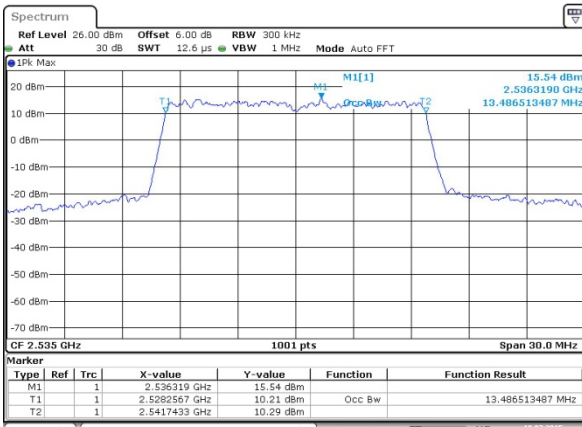
Date: 10 JUL 2015 01:58:33

Lowest Channel / 15MHz / 16QAM



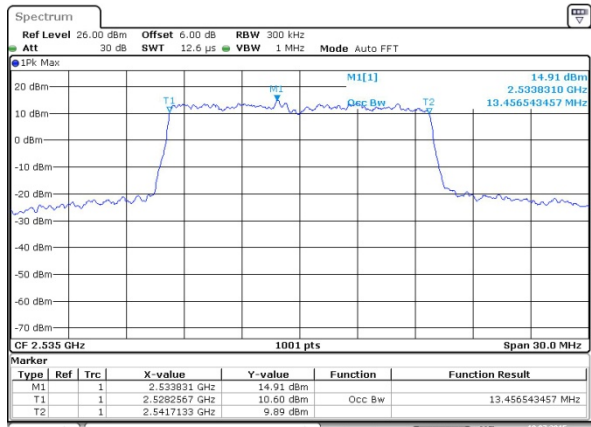
Date: 10 JUL 2015 01:58:44

Middle Channel / 15MHz / QPSK



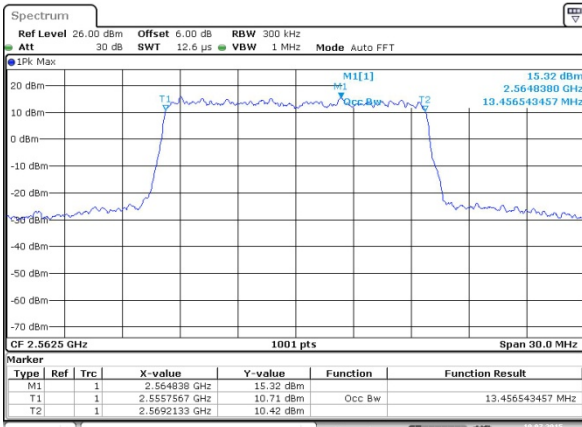
Date: 10 JUL 2015 02:06:14

Middle Channel / 15MHz / 16QAM



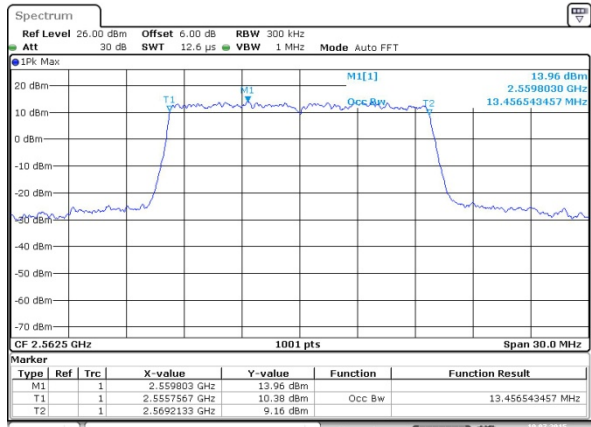
Date: 10 JUL 2015 02:06:25

Highest Channel / 15MHz / QPSK



Date: 10 JUL 2015 02:09:20

Highest Channel / 15MHz / 16QAM

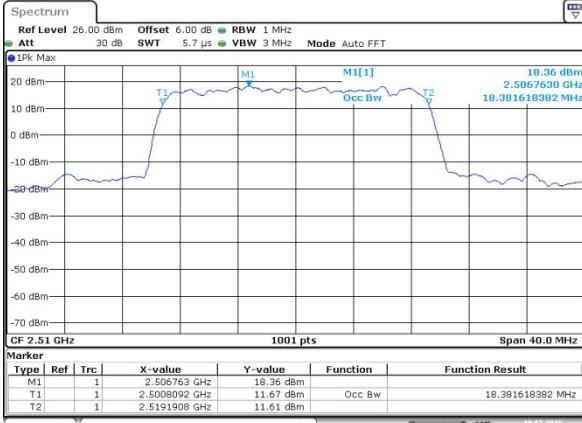


Date: 10 JUL 2015 02:09:30



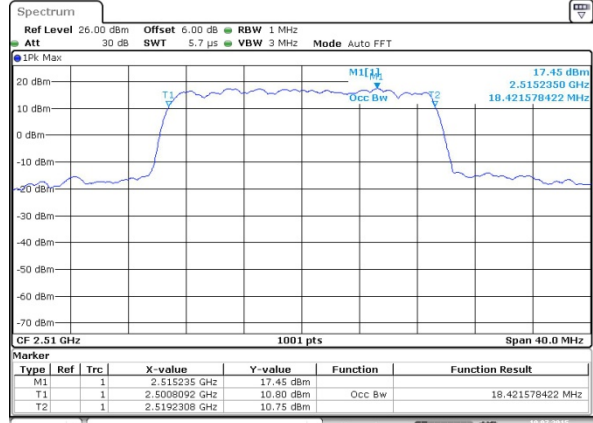
LTE Band 7

Lowest Channel / 20MHz / QPSK



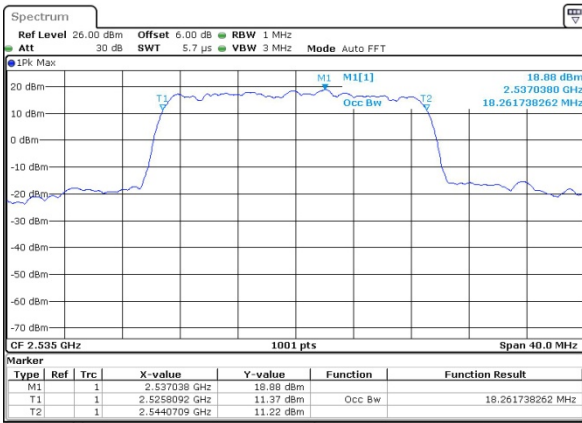
Date: 10 JUL 2015 02:16:59

Lowest Channel / 20MHz / 16QAM



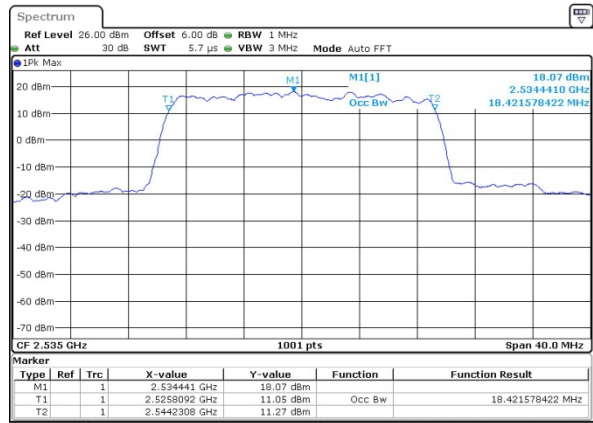
Date: 10 JUL 2015 02:17:10

Middle Channel / 20MHz / QPSK



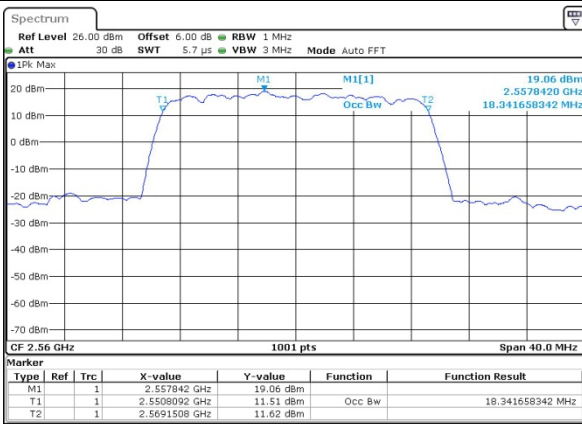
Date: 10 JUL 2015 02:24:39

Middle Channel / 20MHz / 16QAM



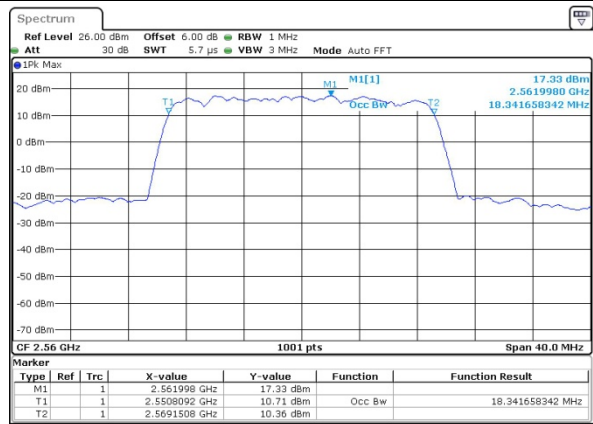
Date: 10 JUL 2015 02:24:50

Highest Channel / 20MHz / QPSK



Date: 10 JUL 2015 02:27:45

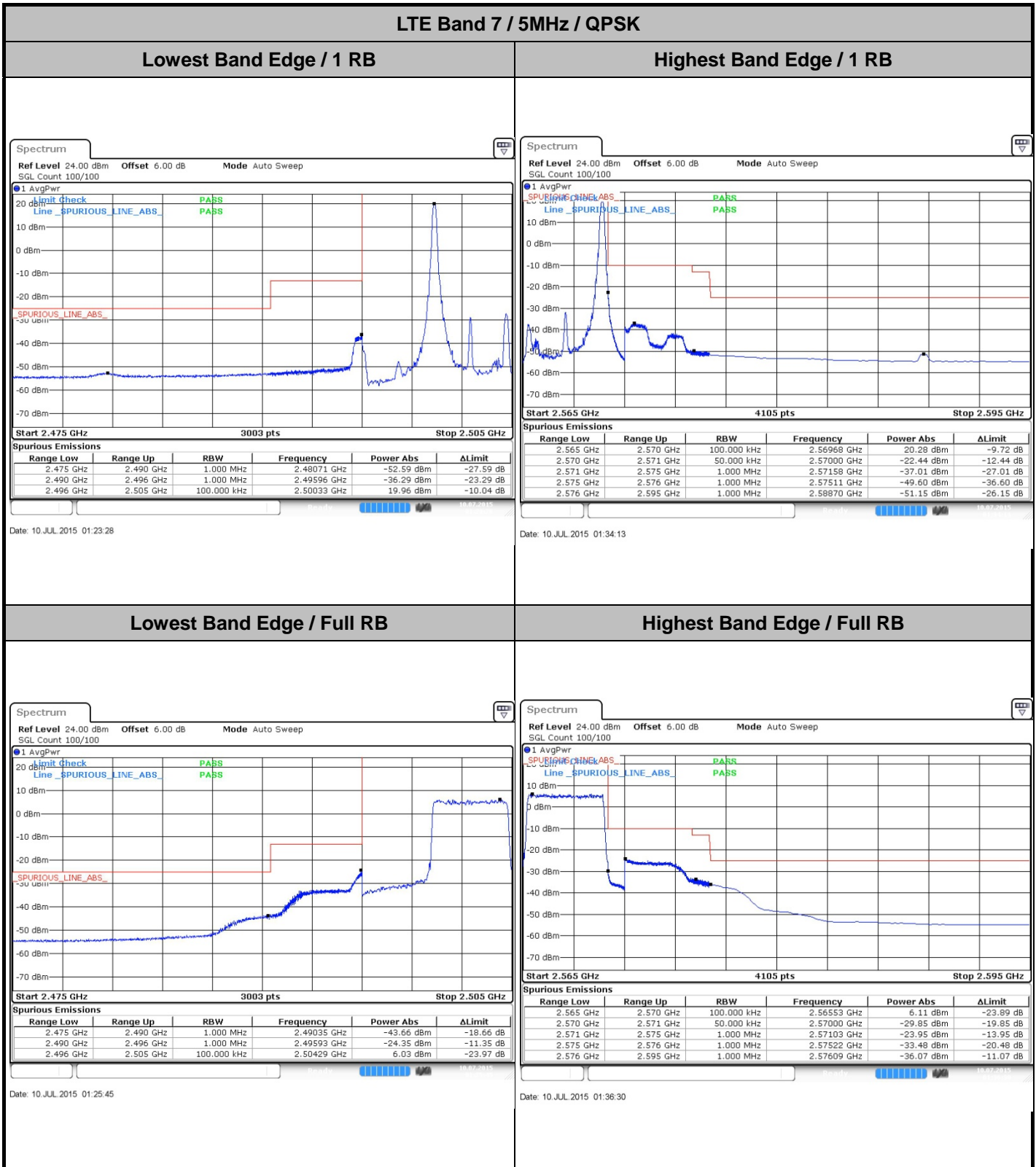
Highest Channel / 20MHz / 16QAM



Date: 10 JUL 2015 02:27:55



Conducted Band Edge

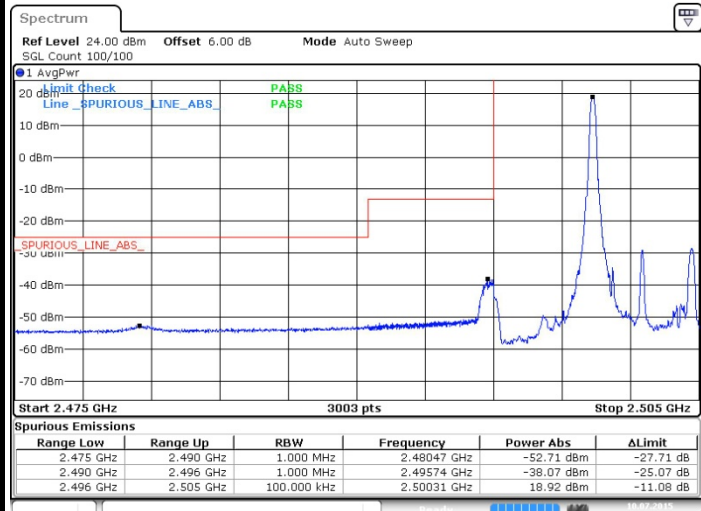




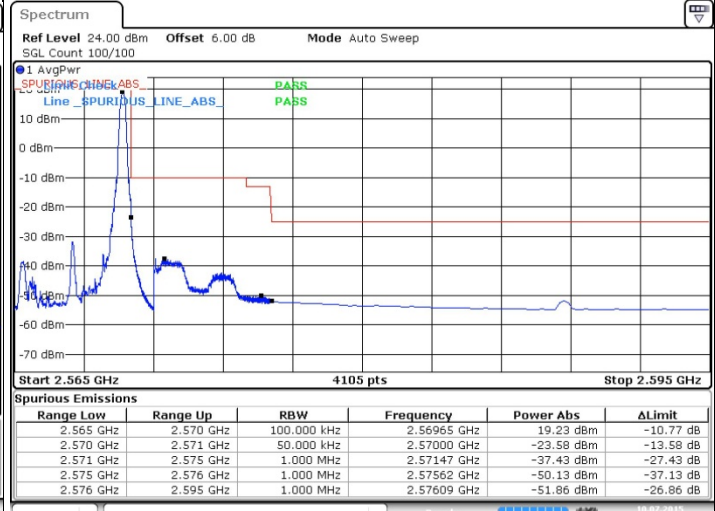
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



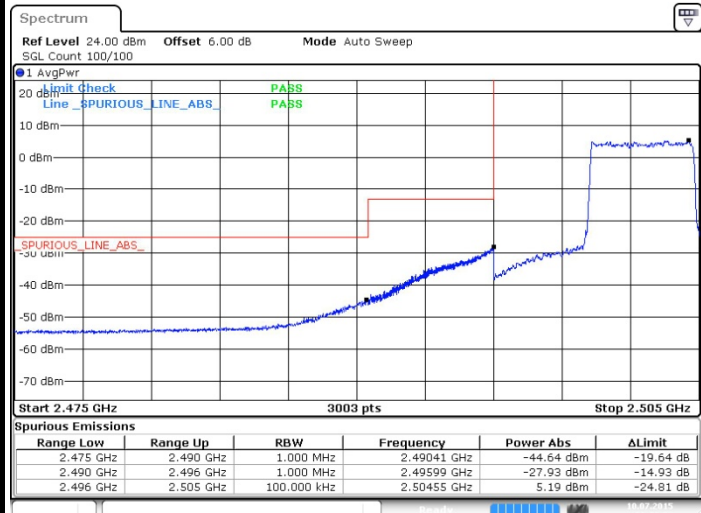
Date: 10 JUL 2015 01:24:37



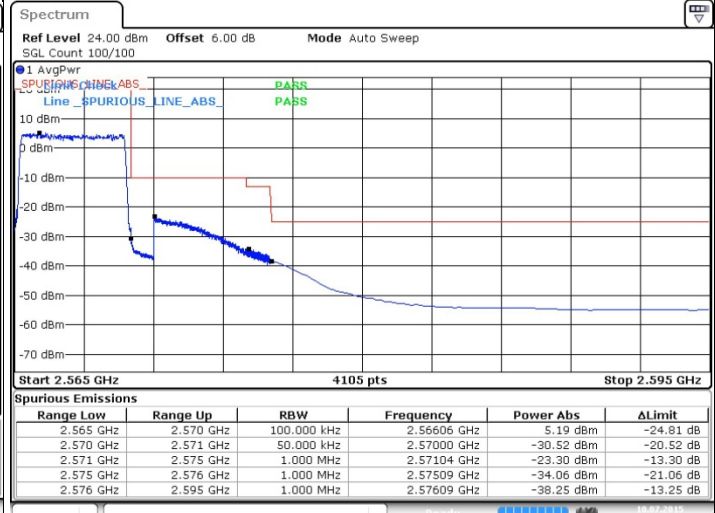
Date: 10 JUL 2015 01:35:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 JUL 2015 01:26:54



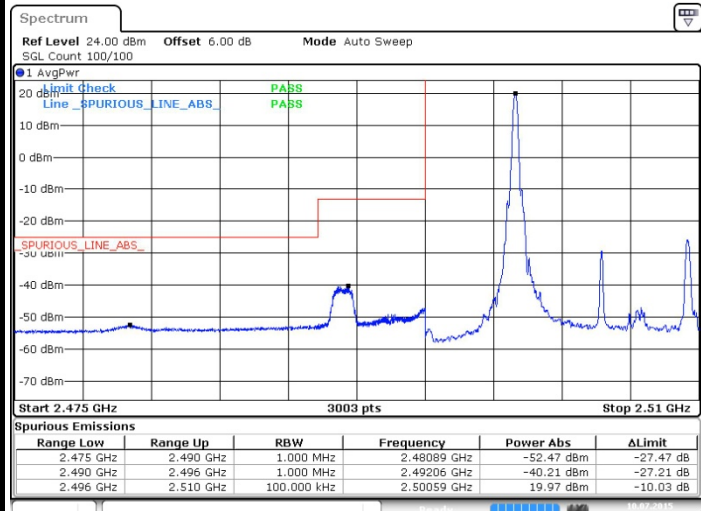
Date: 10 JUL 2015 01:37:39



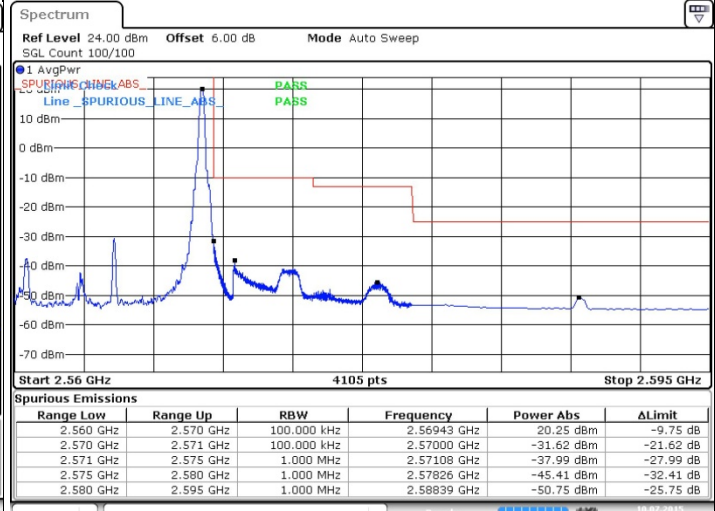
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



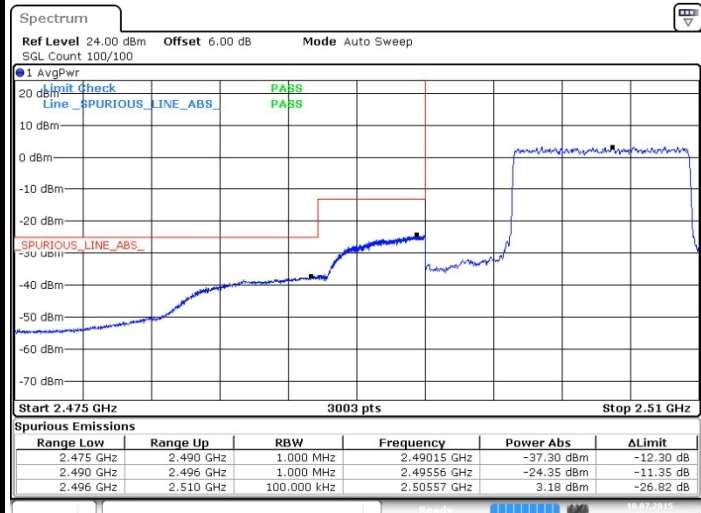
Date: 10 JUL 2015 01:41:53



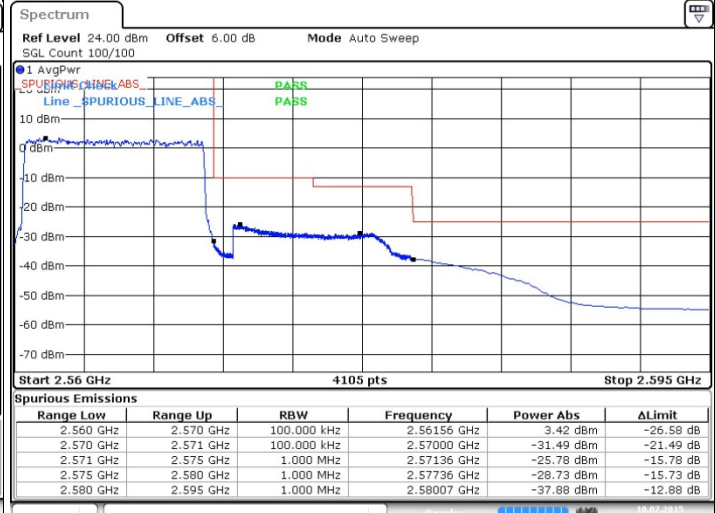
Date: 10 JUL 2015 01:52:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 JUL 2015 01:44:10



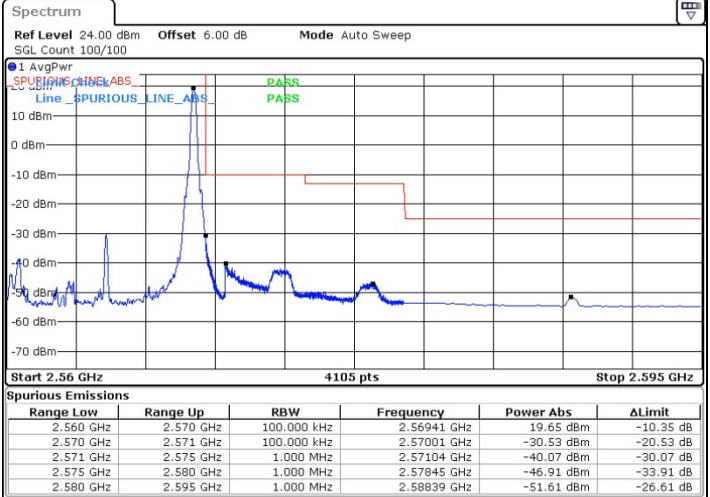
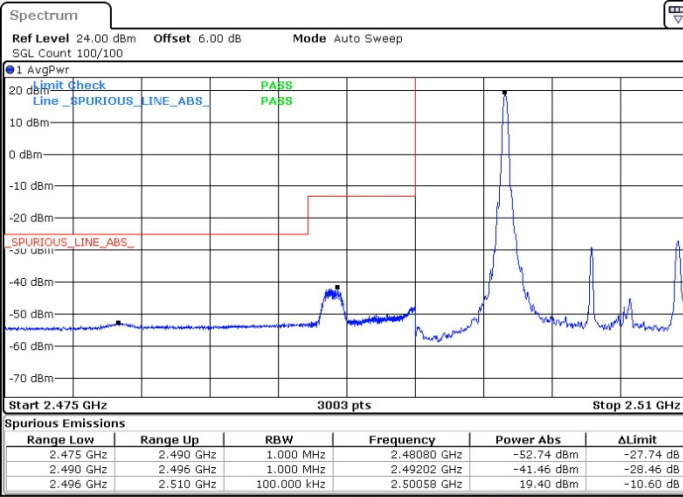
Date: 10 JUL 2015 01:54:55



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

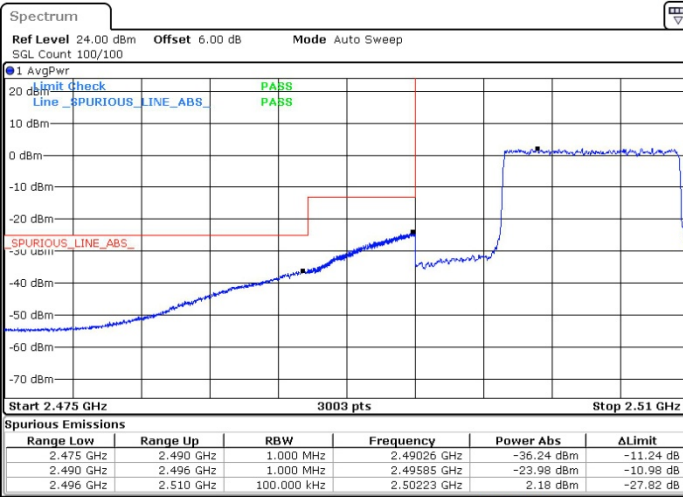


Date: 10.JUL.2015 01:43:02

Date: 10.JUL.2015 01:53:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.JUL.2015 01:45:19

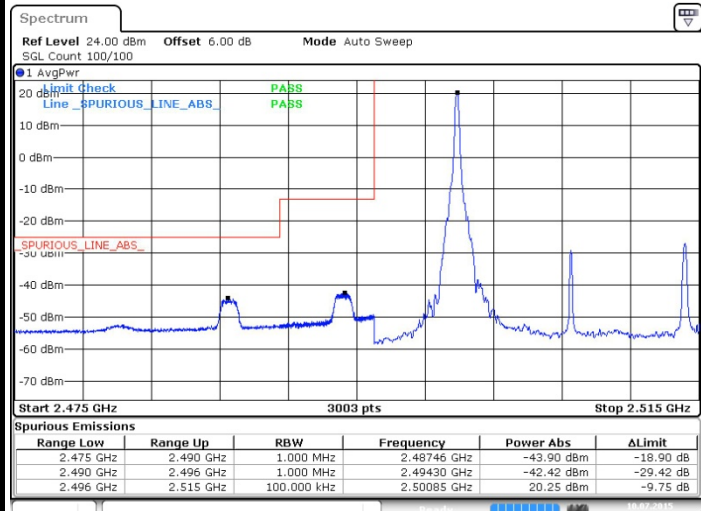
Date: 10.JUL.2015 01:56:04



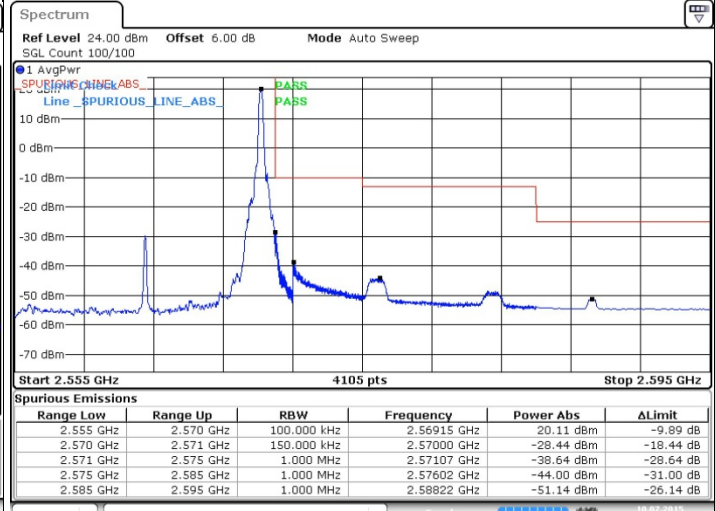
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



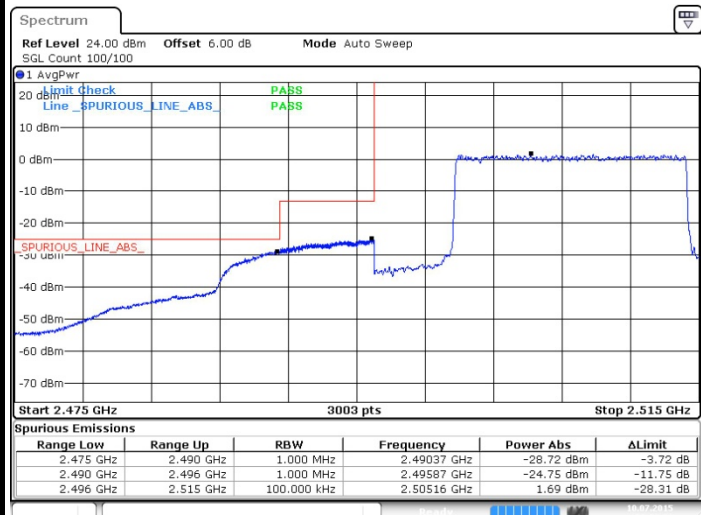
Date: 10 JUL 2015 02:00:19



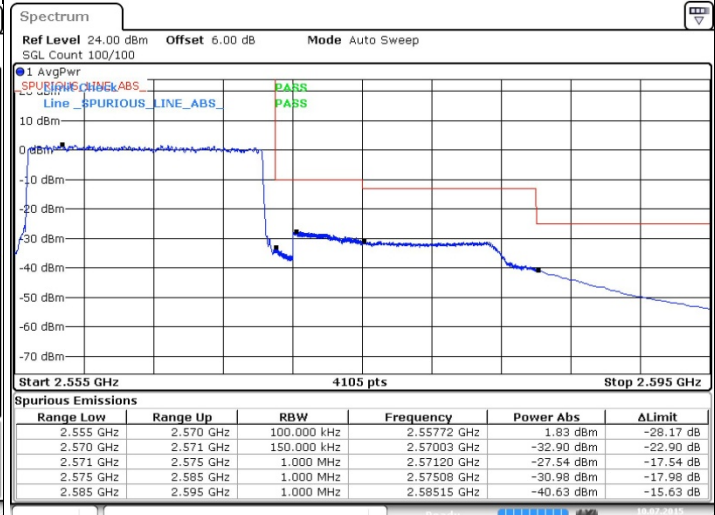
Date: 10 JUL 2015 02:11:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 JUL 2015 02:02:36



Date: 10 JUL 2015 02:13:21