



LTE Band 7

Peak-to-Average Ratio

| Mode | LTE Band 7 / 20MHz | | | | |
|------------|--------------------|---------|-------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.25 | 4.58 | 4.43 | 5.57 | PASS |
| Middle CH | 4.29 | 5.01 | 5.01 | 5.97 | |
| Highest CH | 3.68 | 5.19 | 4.87 | 6.12 | |



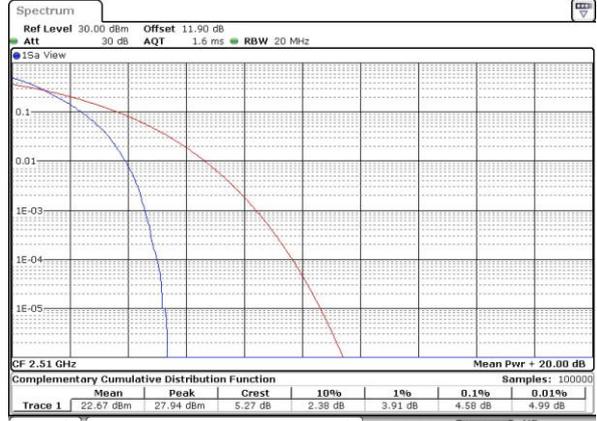
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



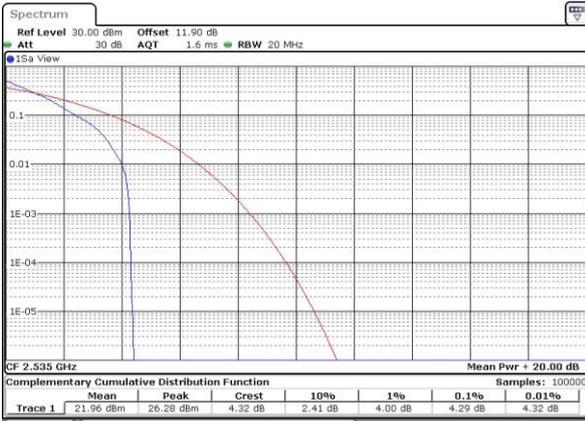
Date: 2 NOV 2015 19:15:04

Lowest Channel / Full RB



Date: 2 NOV 2015 19:15:14

Middle Channel / 1RB



Date: 2 NOV 2015 19:15:26

Middle Channel / Full RB



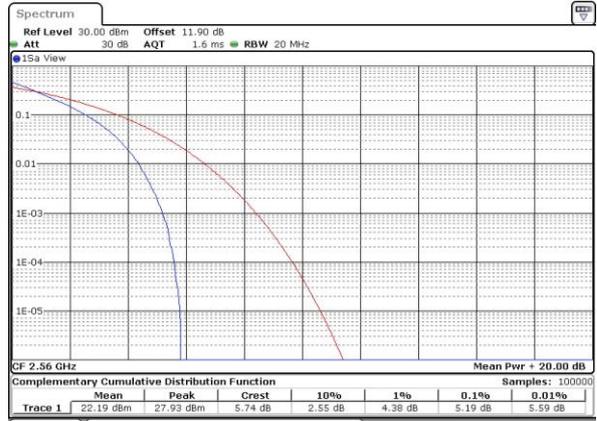
Date: 2 NOV 2015 19:16:12

Highest Channel / 1RB



Date: 2 NOV 2015 19:16:22

Highest Channel / Full RB



Date: 2 NOV 2015 19:16:32



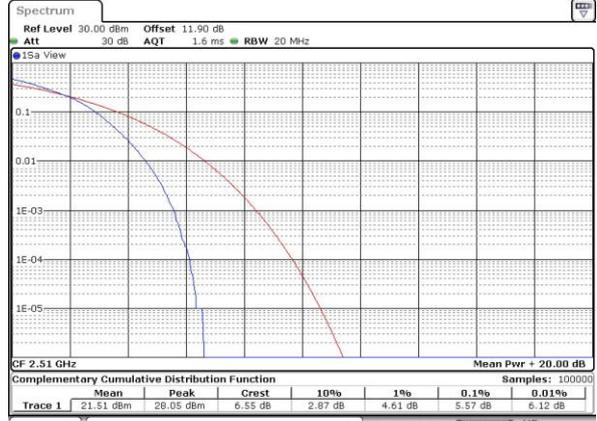
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 2 NOV 2015 19:05:35

Lowest Channel / Full RB



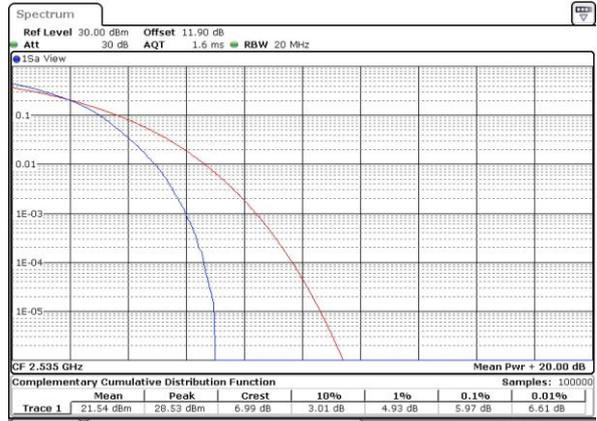
Date: 2 NOV 2015 19:13:59

Middle Channel / 1RB



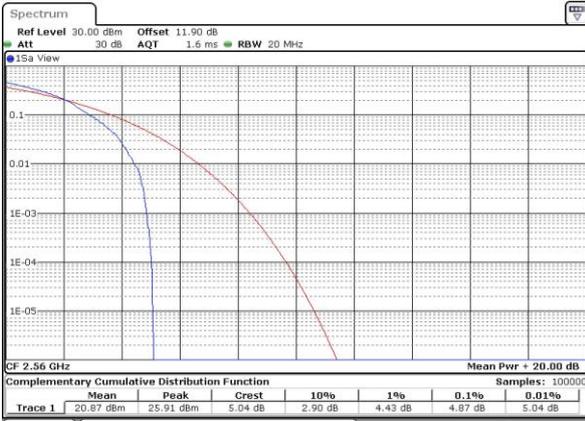
Date: 2 NOV 2015 19:14:09

Middle Channel / Full RB



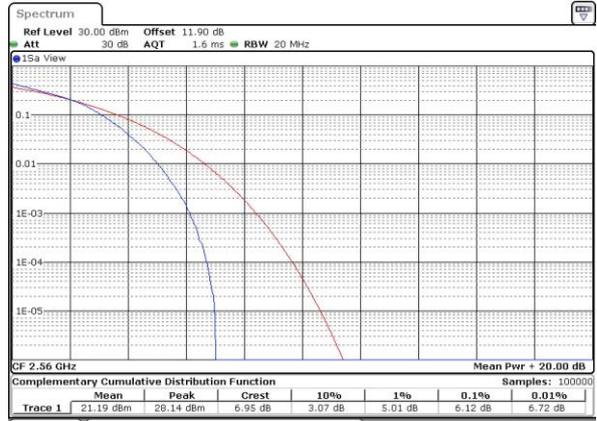
Date: 2 NOV 2015 19:14:25

Highest Channel / 1RB



Date: 2 NOV 2015 19:14:44

Highest Channel / Full RB



Date: 2 NOV 2015 19:14:54



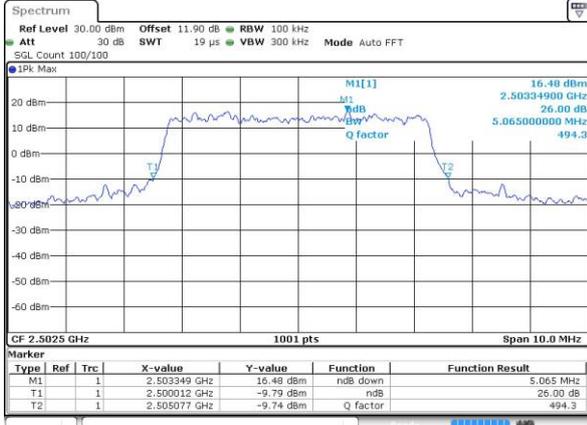
26dB Bandwidth

| Mode | LTE Band 7 : 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 | - | - | - | - | 5.07 | 4.92 | 10.15 | 9.91 | 14.36 | 14.63 | 20.26 | 20.18 |
| Middle CH | - | - | - | - | 4.96 | 4.86 | 9.95 | 9.89 | 14.21 | 14.45 | 20.26 | 20.42 |
| Highest CH | - | - | - | - | 4.96 | 5.01 | 9.77 | 9.83 | 14.24 | 14.45 | 20.26 | 20.3 |



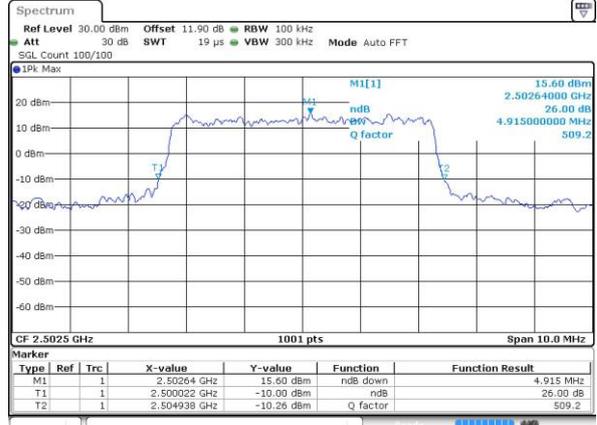
LTE Band 7

Lowest Channel / 5MHz / QPSK



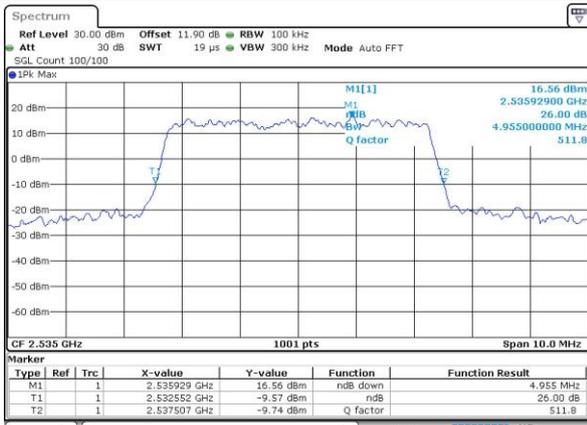
Date: 2 NOV 2015 17:11:05

Lowest Channel / 5MHz / 16QAM



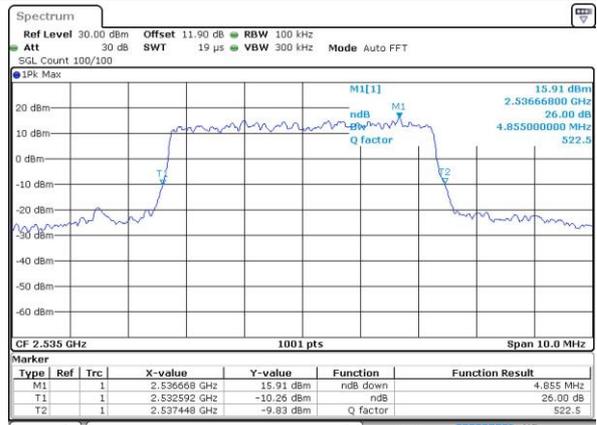
Date: 2 NOV 2015 17:11:15

Middle Channel / 5MHz / QPSK



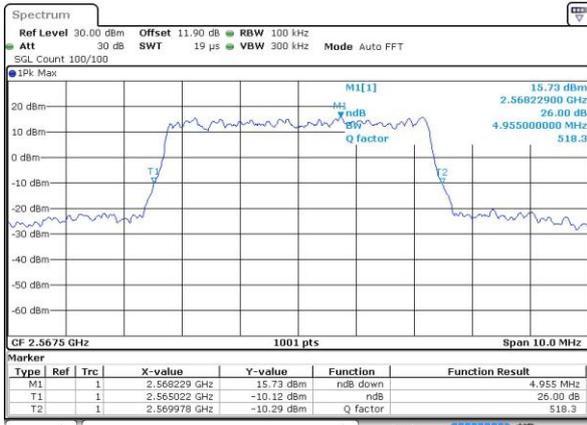
Date: 2 NOV 2015 17:18:14

Middle Channel / 5MHz / 16QAM



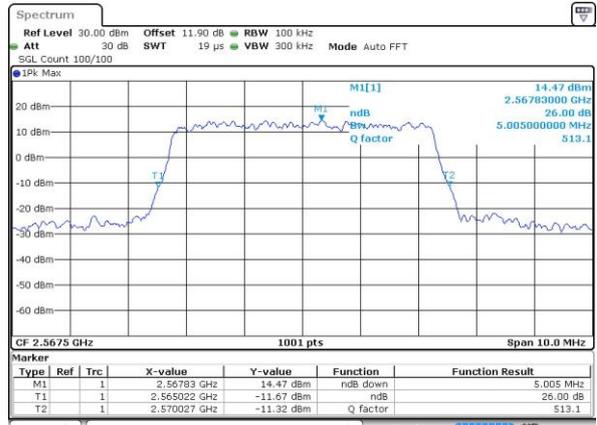
Date: 2 NOV 2015 17:18:25

Highest Channel / 5MHz / QPSK



Date: 2 NOV 2015 17:20:45

Highest Channel / 5MHz / 16QAM

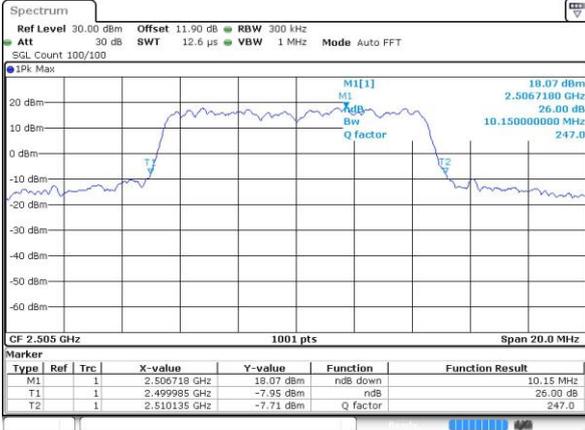


Date: 2 NOV 2015 17:20:55



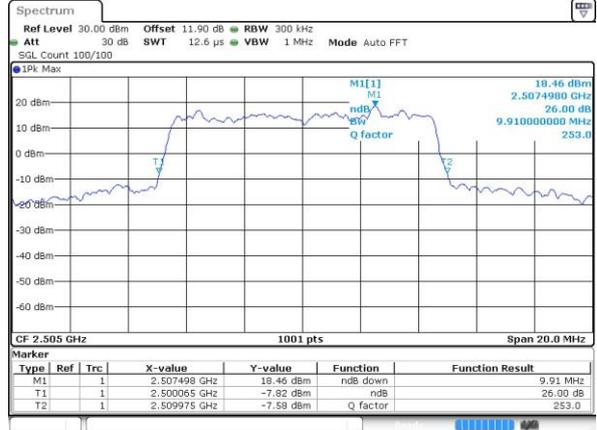
LTE Band 7

Lowest Channel / 10MHz / QPSK



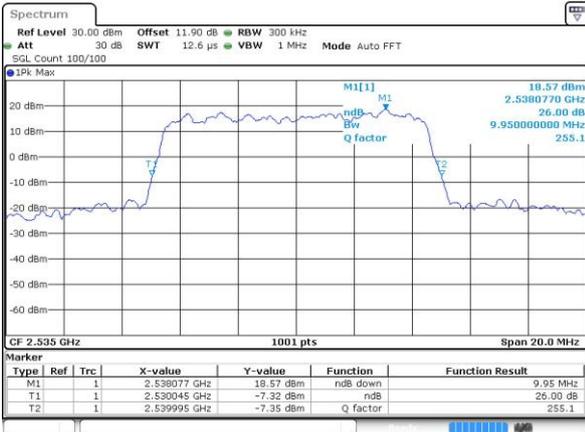
Date: 2 NOV 2015 17:27:54

Lowest Channel / 10MHz / 16QAM



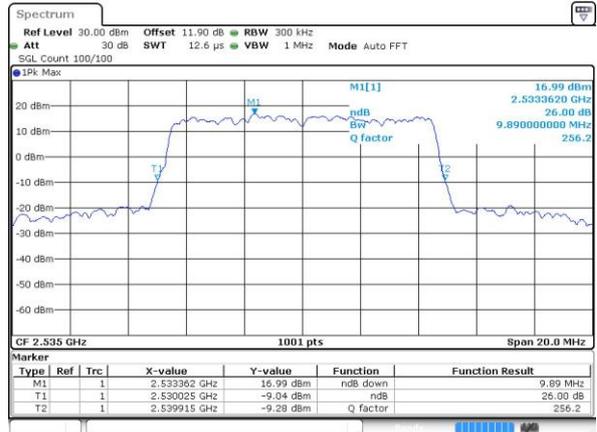
Date: 2 NOV 2015 17:28:04

Middle Channel / 10MHz / QPSK



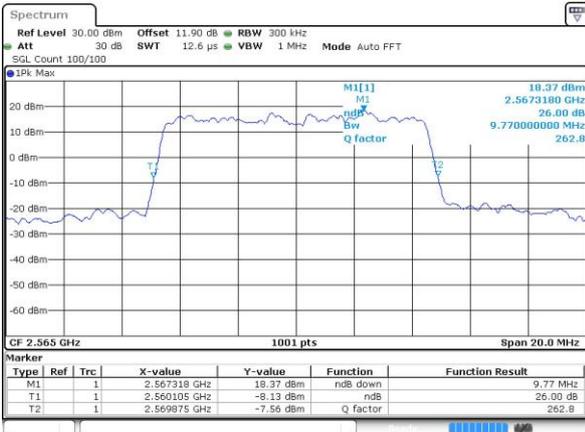
Date: 2 NOV 2015 17:35:03

Middle Channel / 10MHz / 16QAM



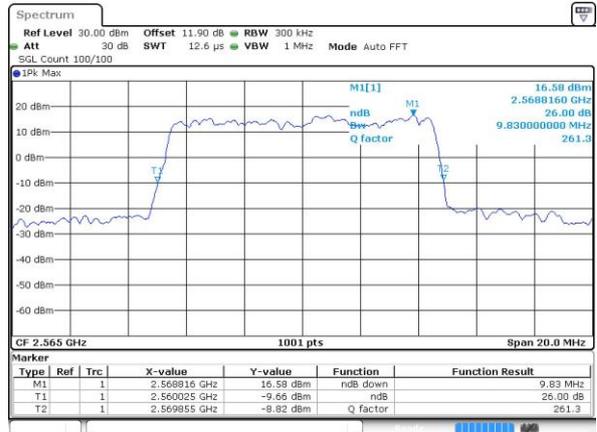
Date: 2 NOV 2015 17:35:13

Highest Channel / 10MHz / QPSK



Date: 2 NOV 2015 17:37:32

Highest Channel / 10MHz / 16QAM

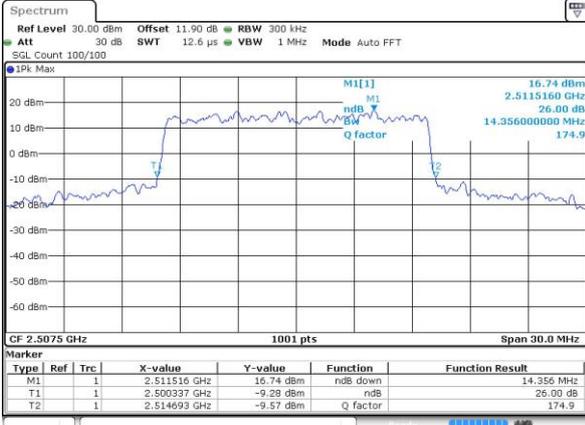


Date: 2 NOV 2015 17:37:43



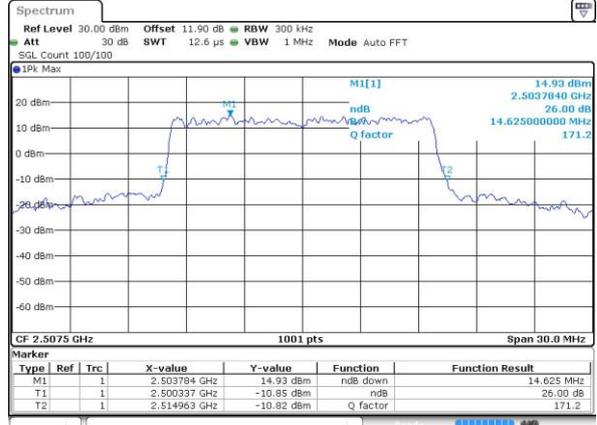
LTE Band 7

Lowest Channel / 15MHz / QPSK



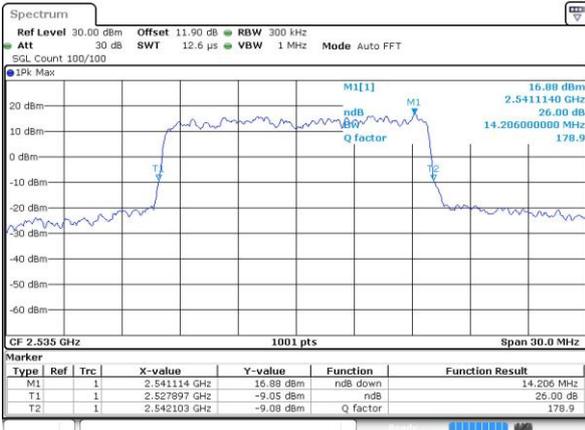
Date: 2 NOV 2015 18:04:12

Lowest Channel / 15MHz / 16QAM



Date: 2 NOV 2015 18:04:23

Middle Channel / 15MHz / QPSK



Date: 2 NOV 2015 18:08:01

Middle Channel / 15MHz / 16QAM



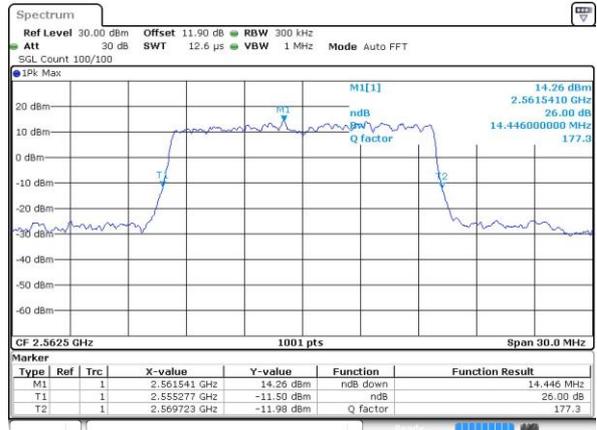
Date: 2 NOV 2015 18:08:11

Highest Channel / 15MHz / QPSK



Date: 2 NOV 2015 18:10:31

Highest Channel / 15MHz / 16QAM

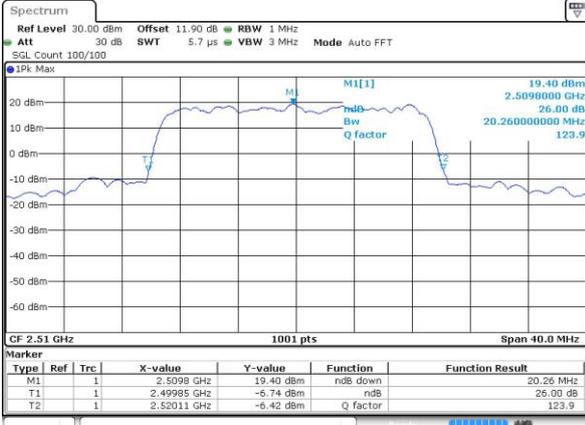


Date: 2 NOV 2015 18:10:41



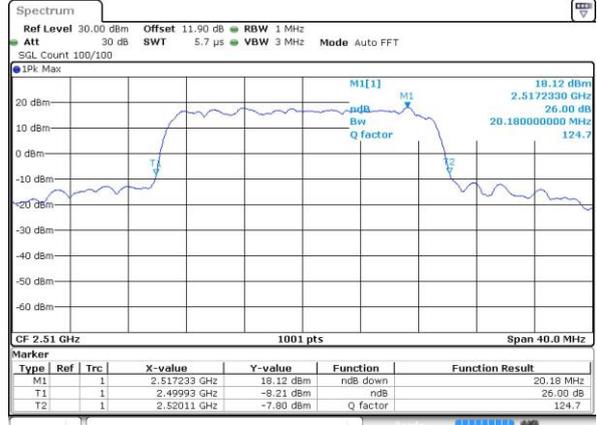
LTE Band 7

Lowest Channel / 20MHz / QPSK



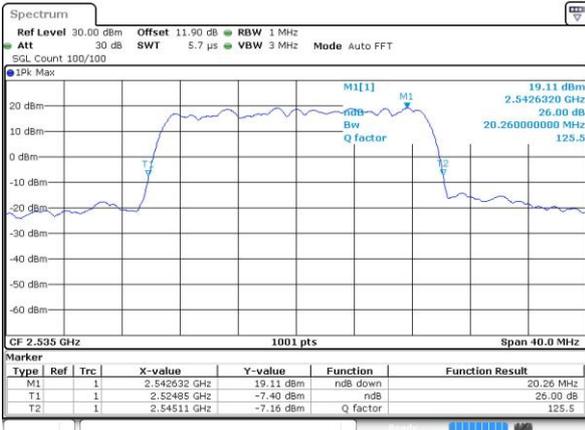
Date: 2 NOV 2015 18:15:26

Lowest Channel / 20MHz / 16QAM



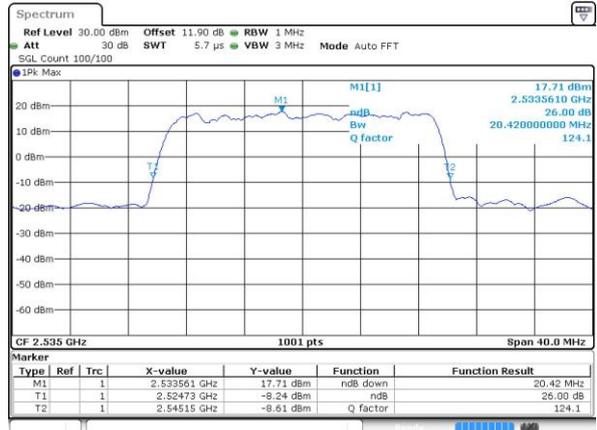
Date: 2 NOV 2015 18:15:37

Middle Channel / 20MHz / QPSK



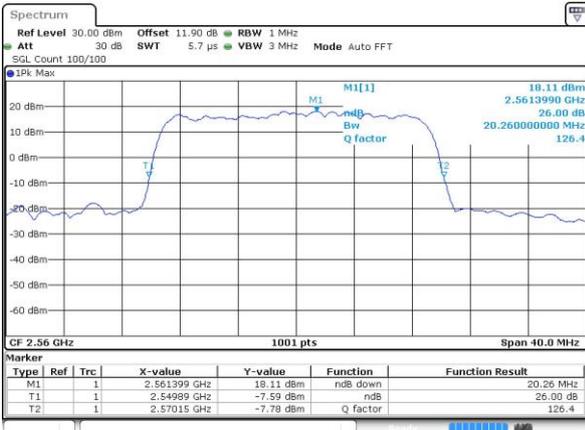
Date: 2 NOV 2015 18:23:49

Middle Channel / 20MHz / 16QAM



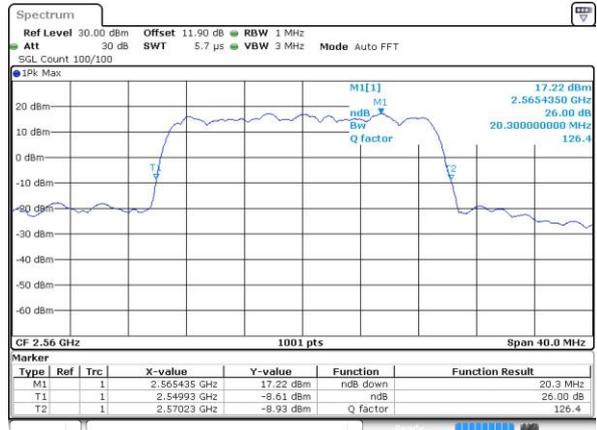
Date: 2 NOV 2015 18:24:00

Highest Channel / 20MHz / QPSK



Date: 2 NOV 2015 18:26:19

Highest Channel / 20MHz / 16QAM



Date: 2 NOV 2015 18:26:29



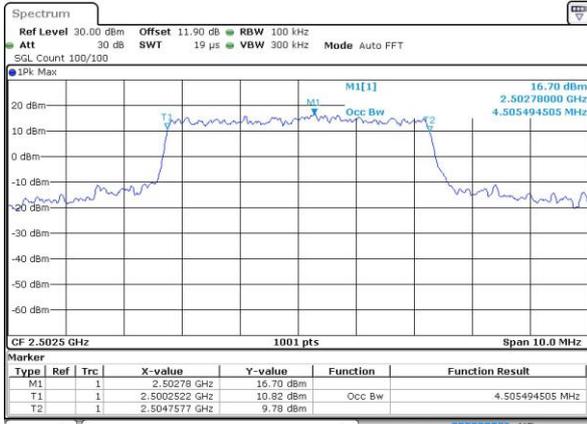
Occupied Bandwidth

| Mode | LTE Band 7 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| BW | | | | | | | | | | | | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.51 | 4.51 | 9.01 | 8.99 | 13.46 | 13.43 | 18.3 | 18.38 |
| Middle CH | - | - | - | - | 4.52 | 4.49 | 9.09 | 9.09 | 13.43 | 13.46 | 18.5 | 18.42 |
| Highest CH | - | - | - | - | 4.49 | 4.49 | 8.99 | 9.09 | 13.52 | 13.4 | 18.34 | 18.46 |



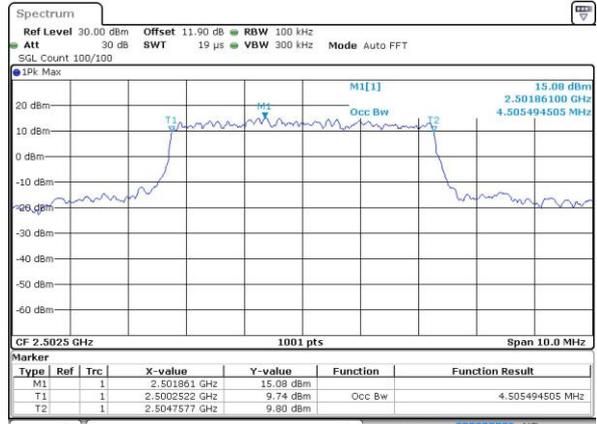
LTE Band 7

Lowest Channel / 5MHz / QPSK



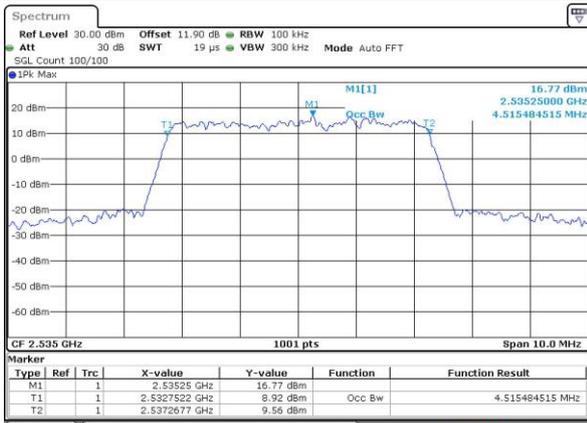
Date: 2 NOV 2015 19:18:03

Lowest Channel / 5MHz / 16QAM



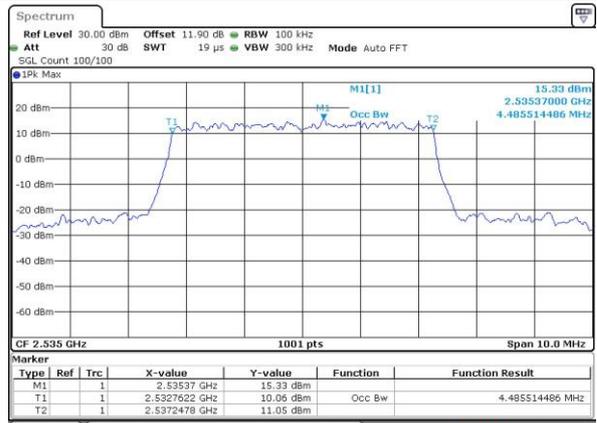
Date: 2 NOV 2015 18:03:04

Middle Channel / 5MHz / QPSK



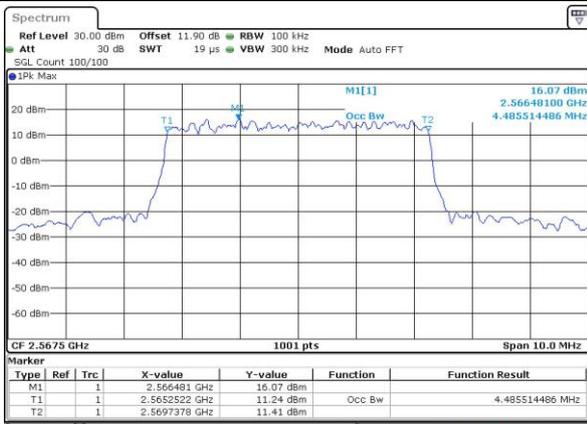
Date: 2 NOV 2015 17:17:53

Middle Channel / 5MHz / 16QAM



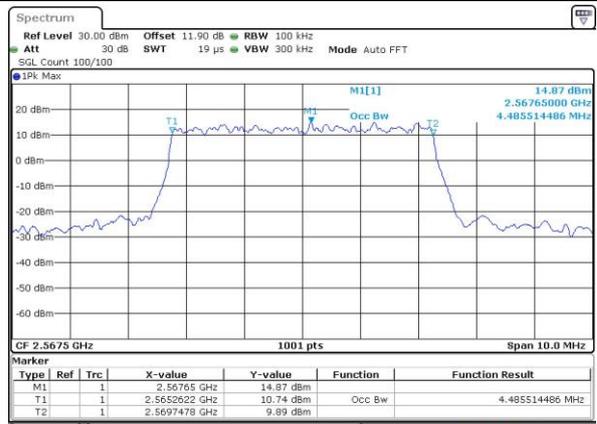
Date: 2 NOV 2015 17:18:04

Highest Channel / 5MHz / QPSK



Date: 2 NOV 2015 17:20:24

Highest Channel / 5MHz / 16QAM

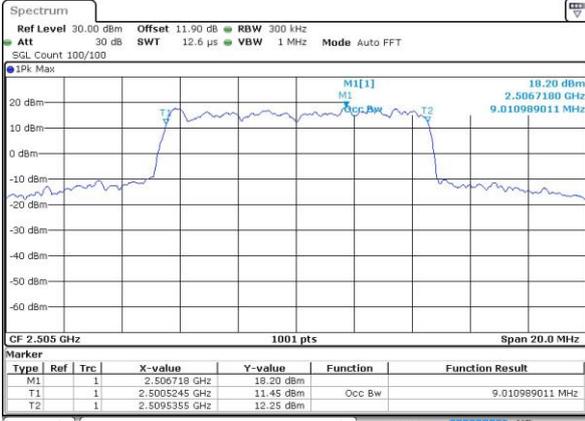


Date: 2 NOV 2015 17:20:34



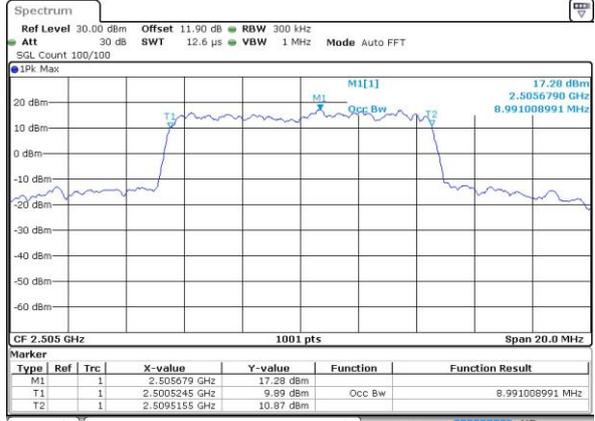
LTE Band 7

Lowest Channel / 10MHz / QPSK



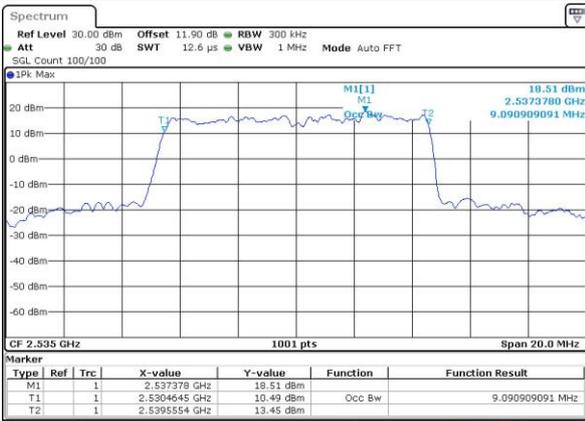
Date: 2 NOV 2015 17:27:33

Lowest Channel / 10MHz / 16QAM



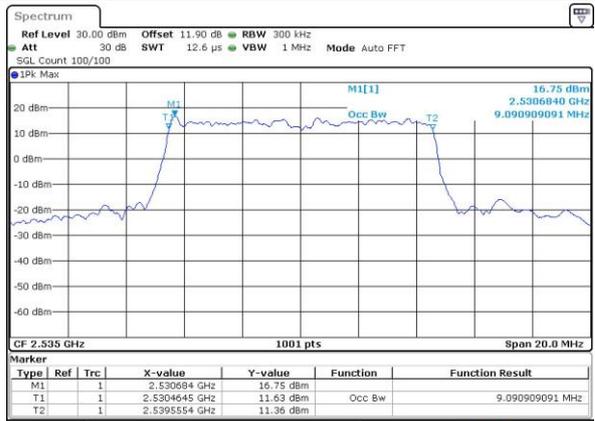
Date: 2 NOV 2015 17:27:43

Middle Channel / 10MHz / QPSK



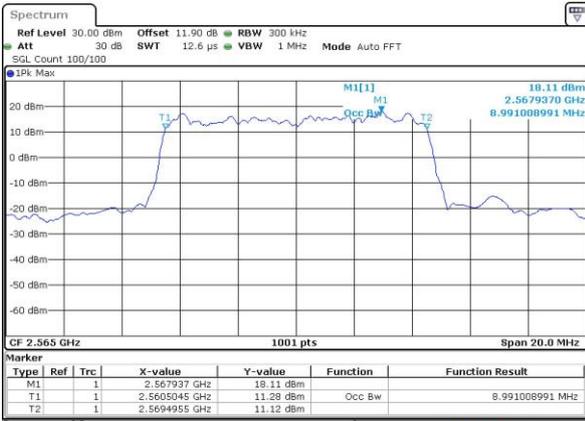
Date: 2 NOV 2015 17:34:42

Middle Channel / 10MHz / 16QAM



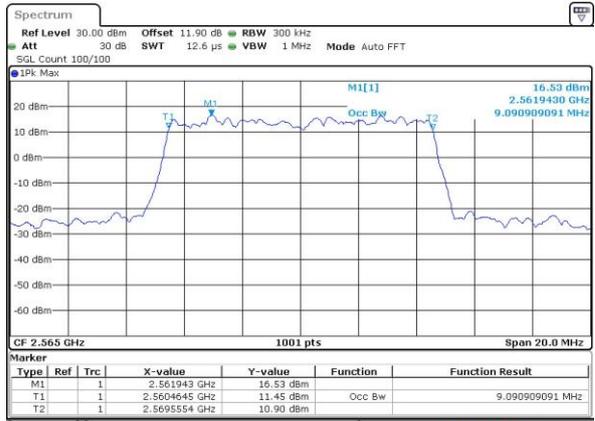
Date: 2 NOV 2015 17:34:52

Highest Channel / 10MHz / QPSK



Date: 2 NOV 2015 17:37:11

Highest Channel / 10MHz / 16QAM

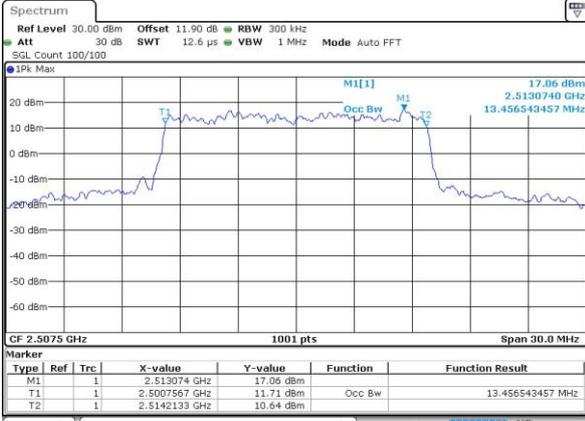


Date: 2 NOV 2015 17:37:22



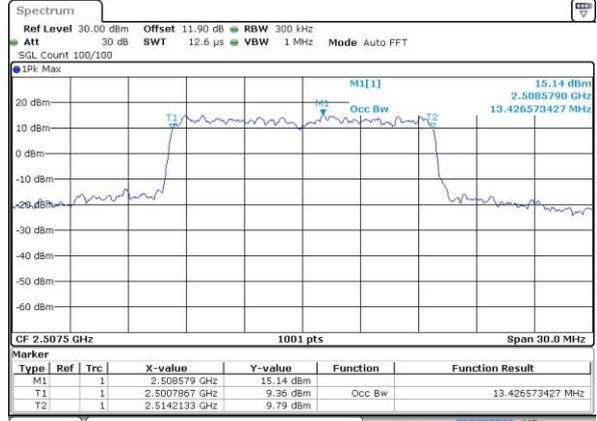
LTE Band 7

Lowest Channel / 15MHz / QPSK



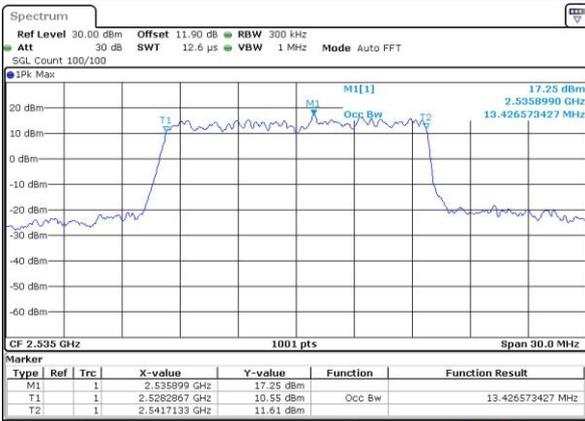
Date: 2 NOV 2015 18:03:51

Lowest Channel / 15MHz / 16QAM



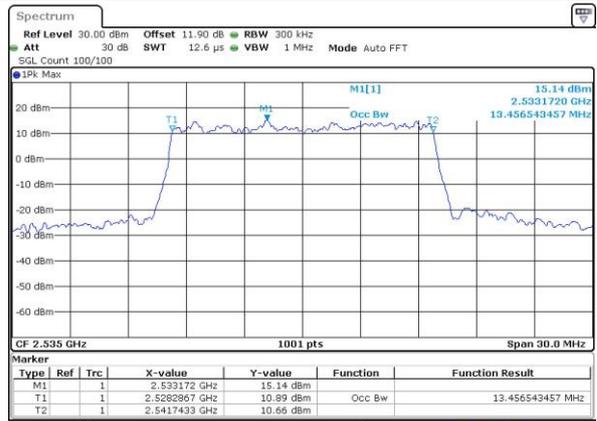
Date: 2 NOV 2015 18:04:02

Middle Channel / 15MHz / QPSK



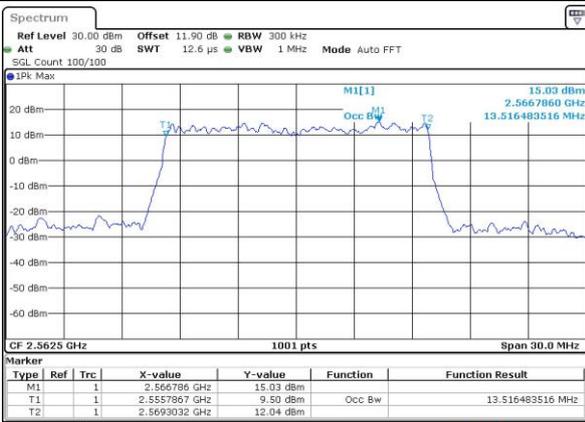
Date: 2 NOV 2015 18:07:40

Middle Channel / 15MHz / 16QAM



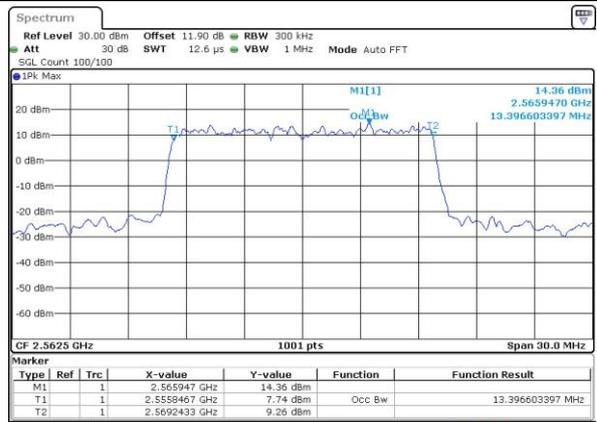
Date: 2 NOV 2015 18:07:50

Highest Channel / 15MHz / QPSK



Date: 2 NOV 2015 18:10:10

Highest Channel / 15MHz / 16QAM

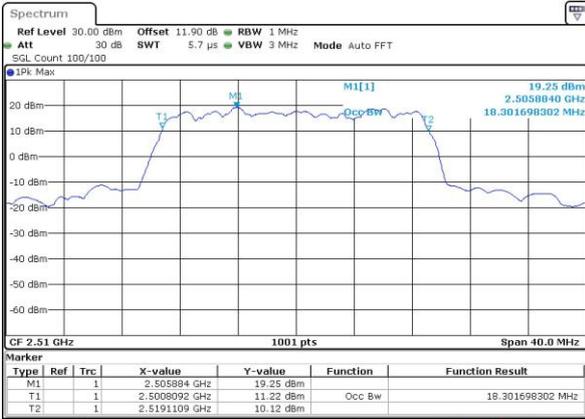


Date: 2 NOV 2015 18:10:20



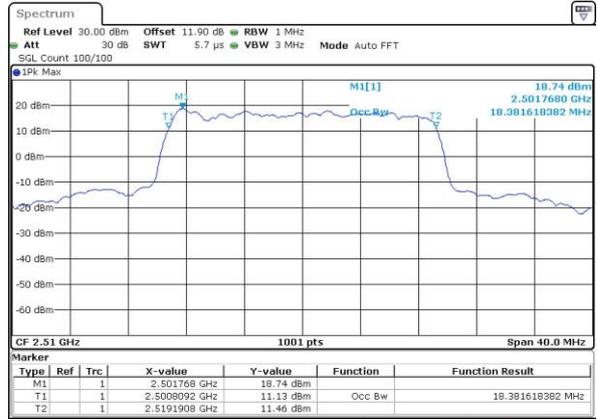
LTE Band 7

Lowest Channel / 20MHz / QPSK



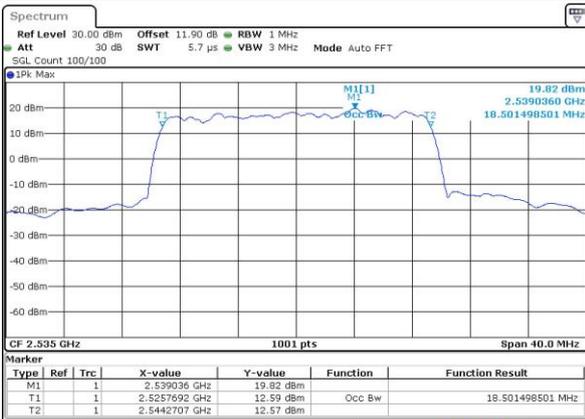
Date: 2 NOV 2015 18:15:05

Lowest Channel / 20MHz / 16QAM



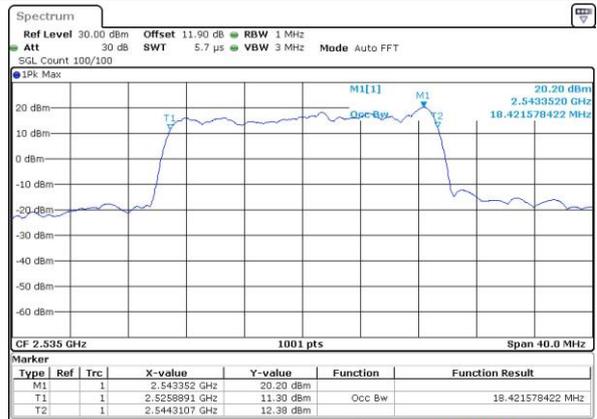
Date: 2 NOV 2015 18:15:16

Middle Channel / 20MHz / QPSK



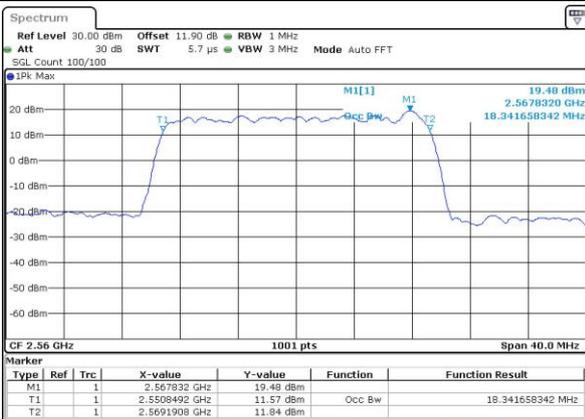
Date: 2 NOV 2015 18:23:28

Middle Channel / 20MHz / 16QAM



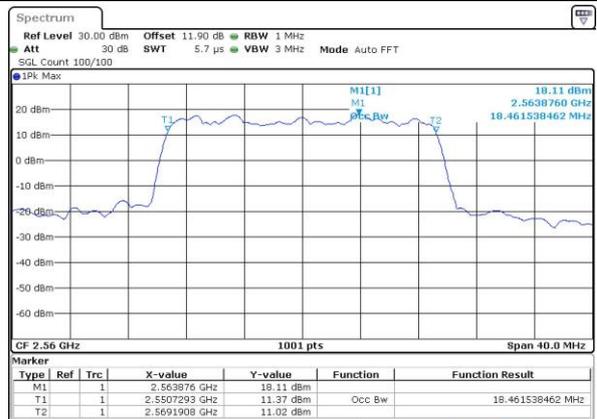
Date: 2 NOV 2015 18:23:39

Highest Channel / 20MHz / QPSK



Date: 2 NOV 2015 18:25:58

Highest Channel / 20MHz / 16QAM



Date: 2 NOV 2015 18:26:08



Conducted Band Edge

