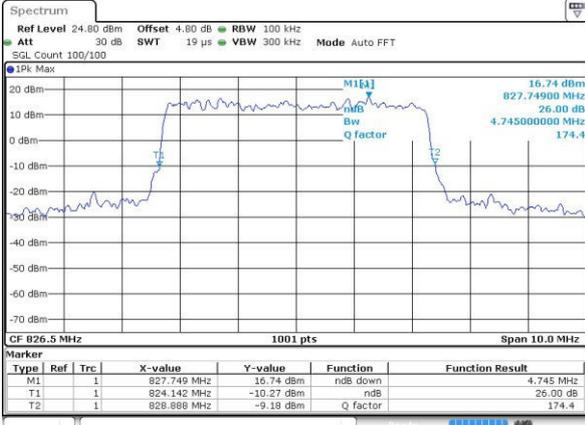




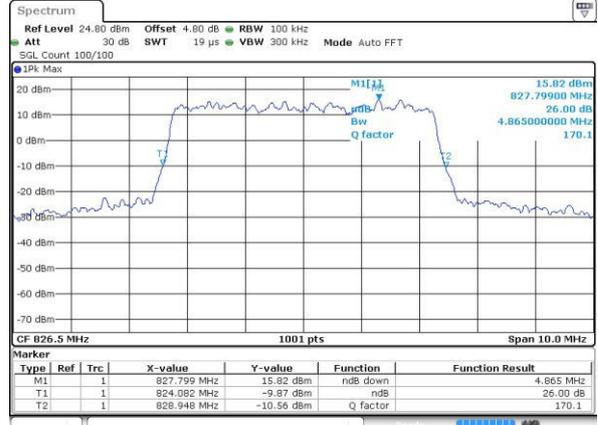
LTE Band 5

Lowest Channel / 5MHz / QPSK



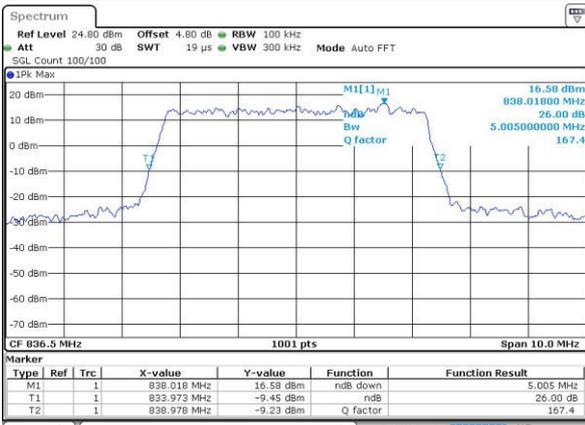
Date: 25.OCT.2016 21:00:48

Lowest Channel / 5MHz / 16QAM



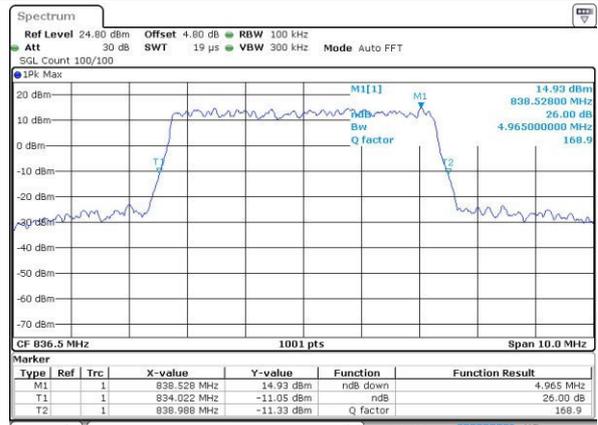
Date: 25.OCT.2016 21:00:59

Middle Channel / 5MHz / QPSK



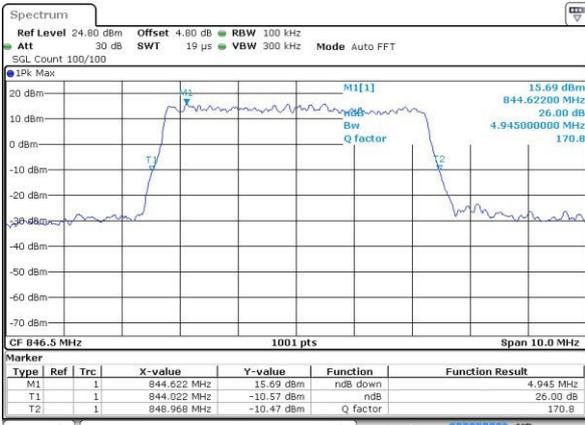
Date: 25.OCT.2016 21:09:51

Middle Channel / 5MHz / 16QAM



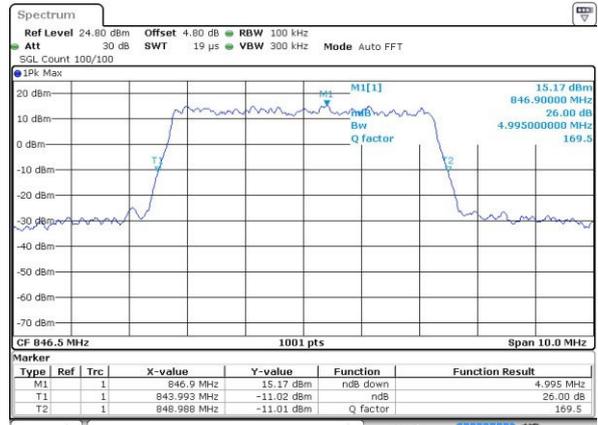
Date: 25.OCT.2016 21:10:02

Highest Channel / 5MHz / QPSK



Date: 25.OCT.2016 21:12:23

Highest Channel / 5MHz / 16QAM

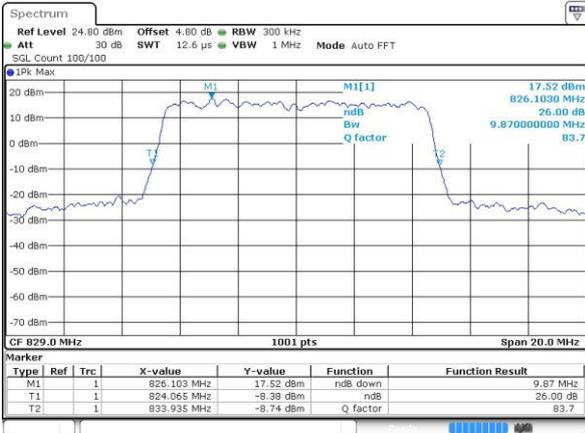


Date: 25.OCT.2016 21:12:33



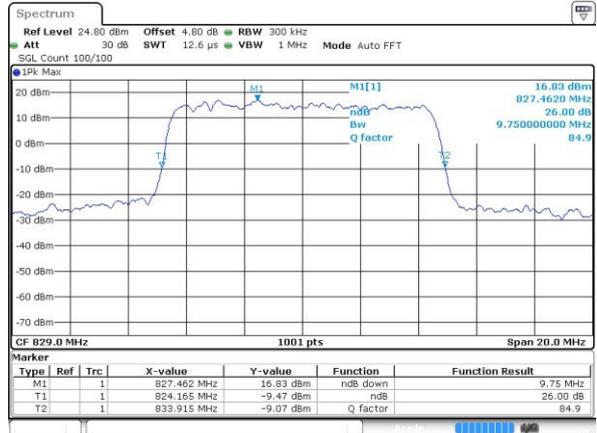
LTE Band 5

Lowest Channel / 10MHz / QPSK



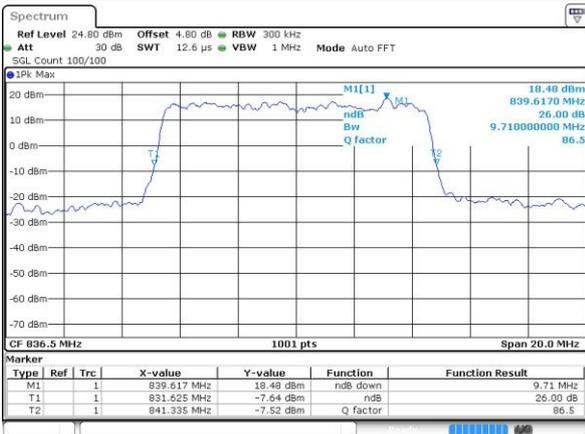
Date: 25.OCT.2016 21:22:09

Lowest Channel / 10MHz / 16QAM



Date: 25.OCT.2016 21:22:20

Middle Channel / 10MHz / QPSK



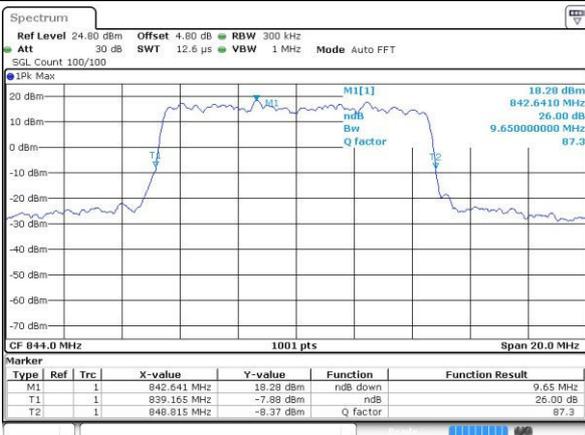
Date: 25.OCT.2016 21:31:13

Middle Channel / 10MHz / 16QAM



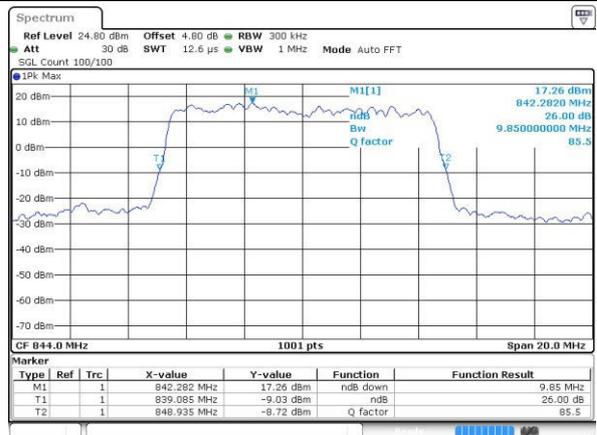
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Highest Channel / 10MHz / QPSK



Date: 25.OCT.2016 21:33:44

Highest Channel / 10MHz / 16QAM

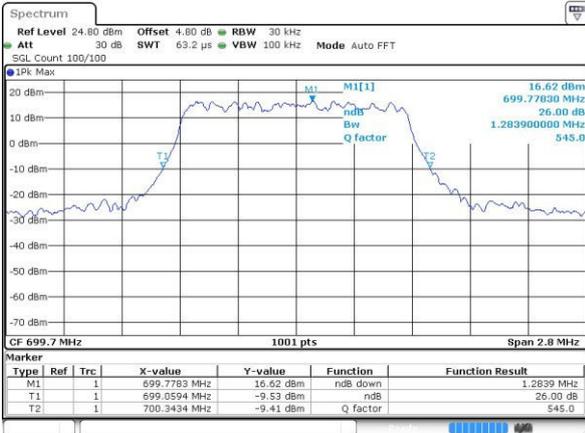


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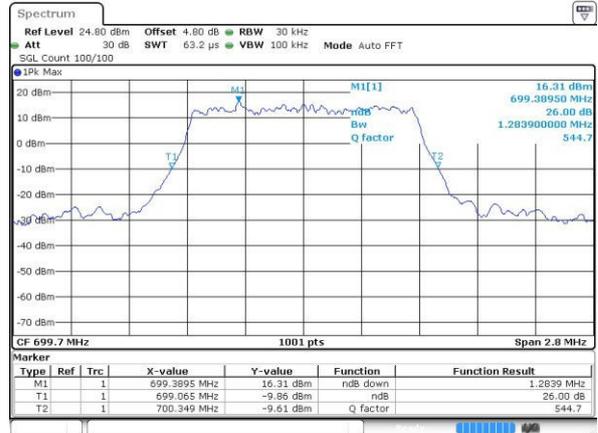
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



Date: 25.OCT.2016 18:47:05

Lowest Channel / 1.4MHz / 16QAM



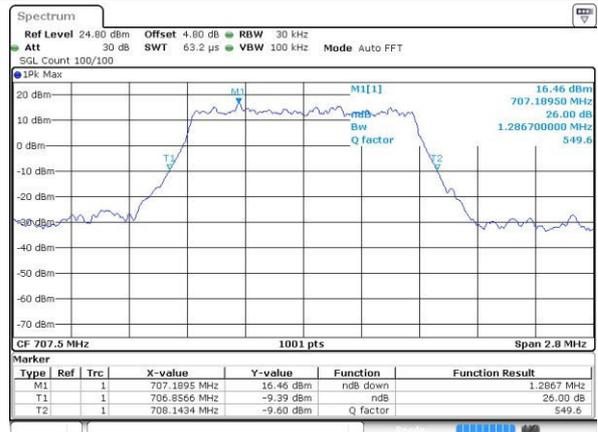
Date: 25.OCT.2016 18:46:54

Middle Channel / 1.4MHz / QPSK



Date: 25.OCT.2016 18:46:33

Middle Channel / 1.4MHz / 16QAM



Date: 25.OCT.2016 18:46:44

Highest Channel / 1.4MHz / QPSK



Date: 25.OCT.2016 18:46:21

Highest Channel / 1.4MHz / 16QAM

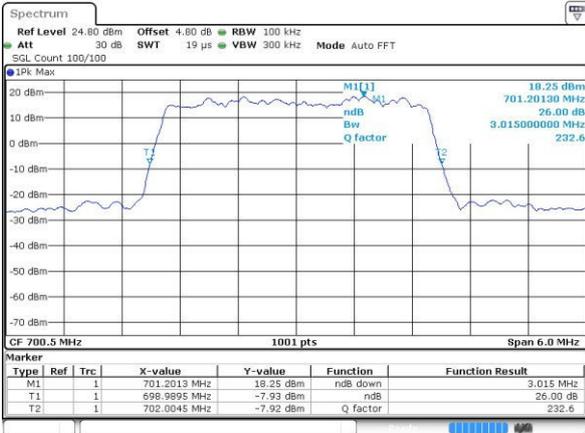


Date: 25.OCT.2016 18:46:10



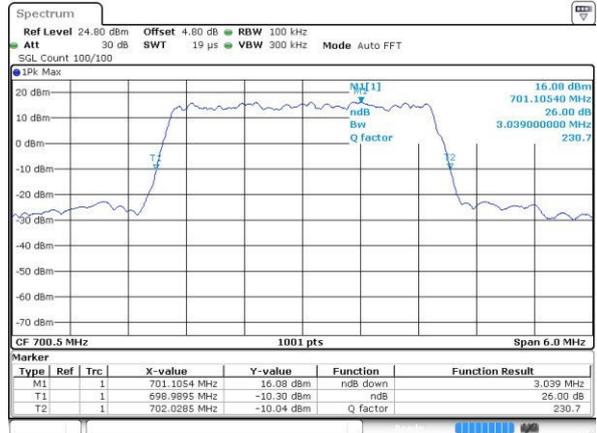
LTE Band 12

Lowest Channel / 3MHz / QPSK



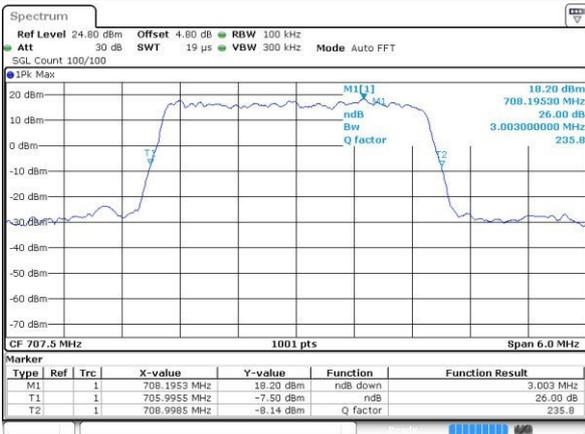
Date: 25.OCT.2016 19:03:47

Lowest Channel / 3MHz / 16QAM



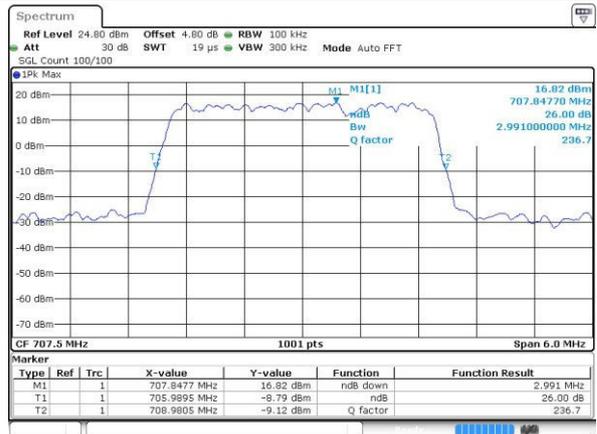
Date: 25.OCT.2016 19:03:36

Middle Channel / 3MHz / QPSK



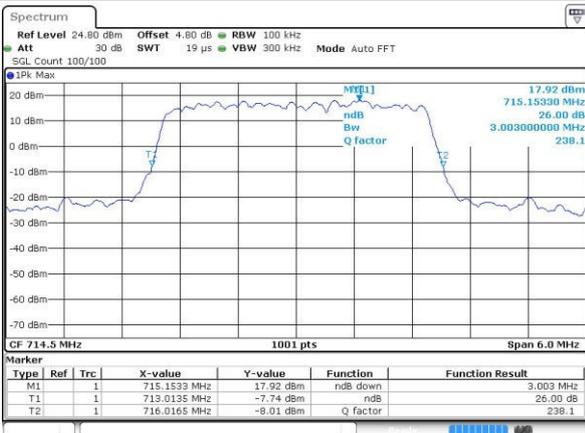
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Middle Channel / 3MHz / 16QAM



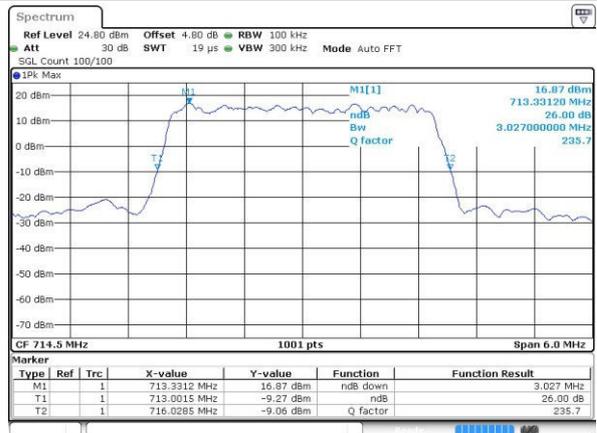
Date: 25.OCT.2016 19:03:26

Highest Channel / 3MHz / QPSK



Date: 25.OCT.2016 19:03:05

Highest Channel / 3MHz / 16QAM

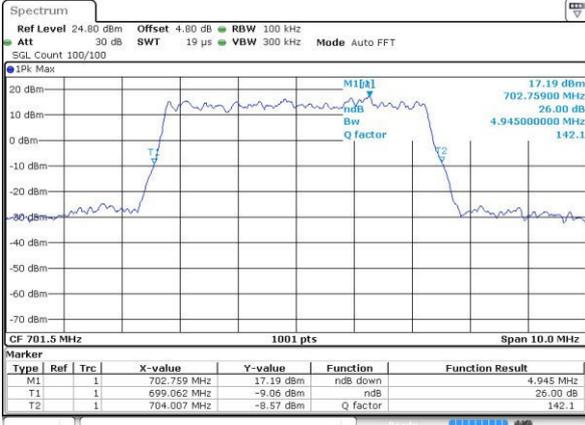


Date: 25.OCT.2016 19:02:54



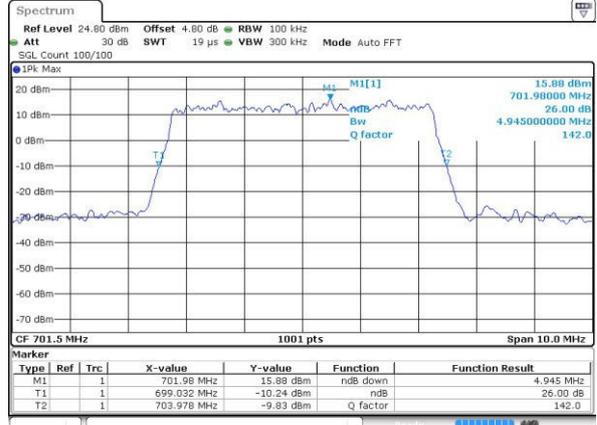
LTE Band 12

Lowest Channel / 5MHz / QPSK



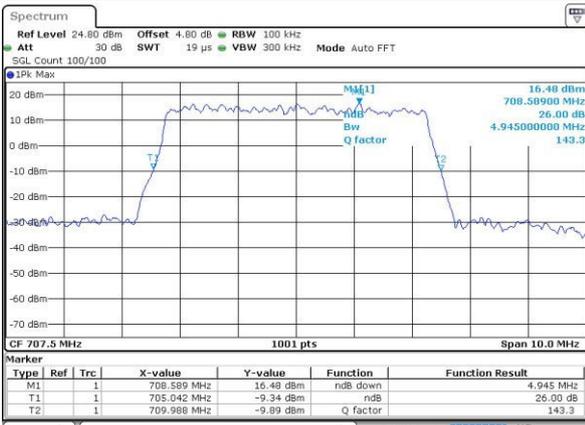
Date: 25.OCT.2016 19:20:27

Lowest Channel / 5MHz / 16QAM



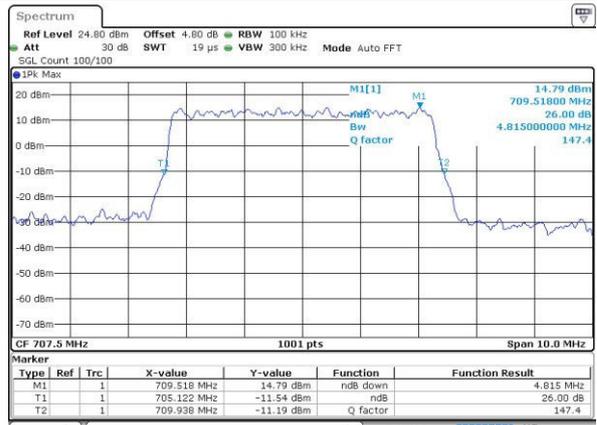
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Middle Channel / 5MHz / QPSK



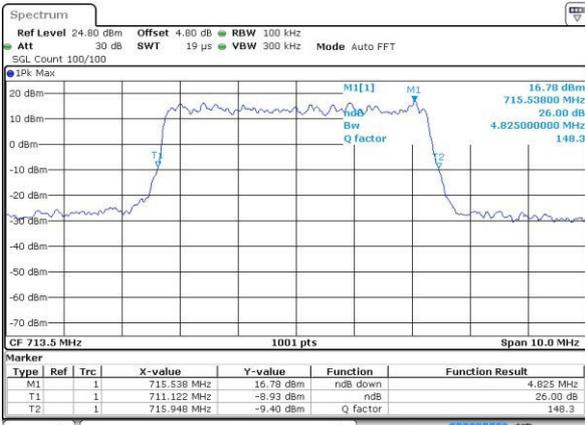
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Middle Channel / 5MHz / 16QAM



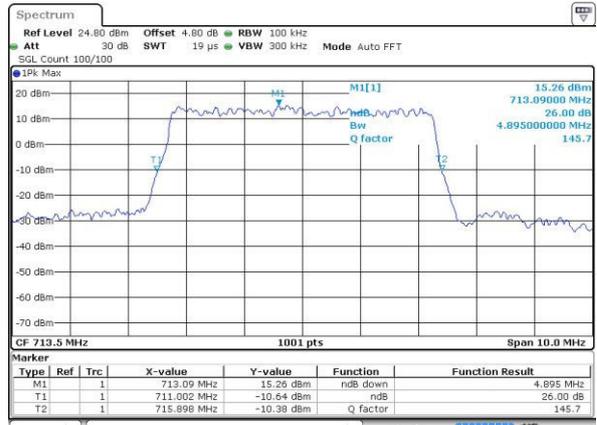
Date: 25.OCT.2016 19:20:06

Highest Channel / 5MHz / QPSK



Date: 25.OCT.2016 19:19:45

Highest Channel / 5MHz / 16QAM



Date: 25.OCT.2016 19:19:35



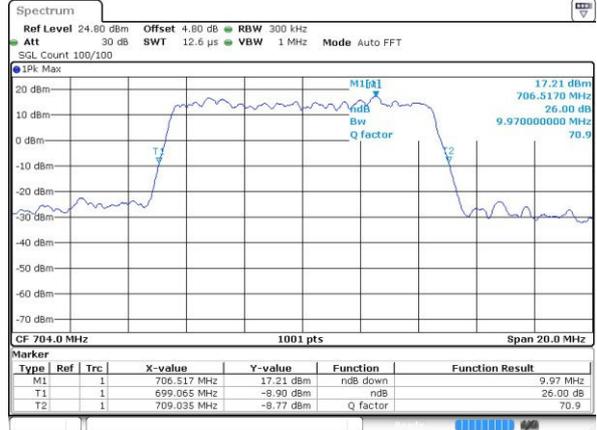
LTE Band 12

Lowest Channel / 10MHz / QPSK



Date: 25.OCT.2016 19:37:08

Lowest Channel / 10MHz / 16QAM



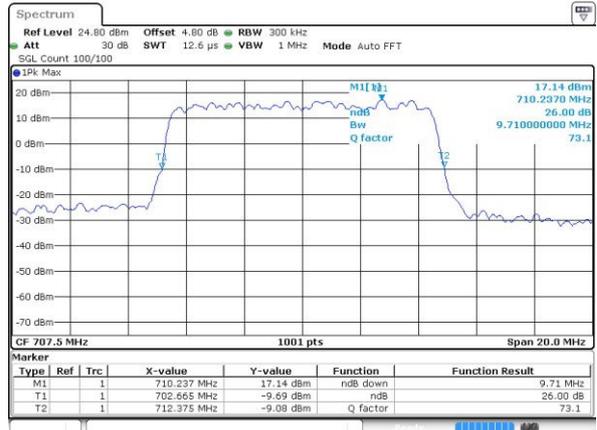
Date: 25.OCT.2016 19:36:57

Middle Channel / 10MHz / QPSK



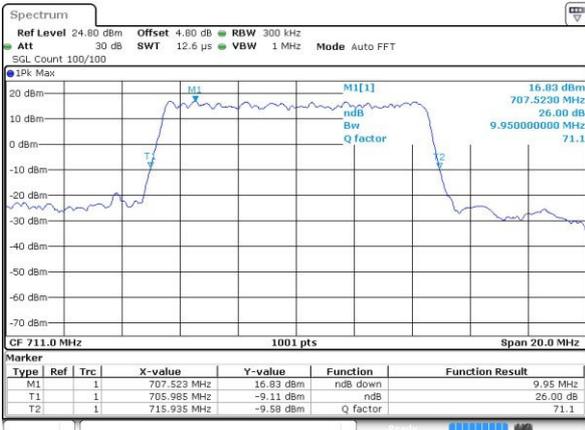
Date: 25.OCT.2016 19:36:36

Middle Channel / 10MHz / 16QAM



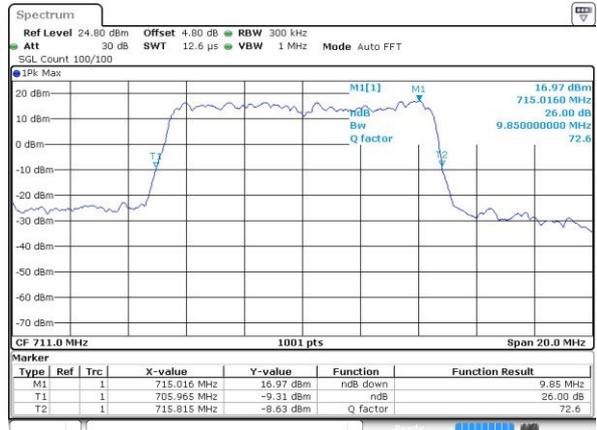
Date: 25.OCT.2016 19:36:46

Highest Channel / 10MHz / QPSK



Date: 25.OCT.2016 19:36:26

Highest Channel / 10MHz / 16QAM



Date: 25.OCT.2016 19:36:15



Occupied Bandwidth

| Mode | LTE Band 2 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.09 | 1.10 | 2.72 | 2.73 | 4.49 | 4.50 | 9.01 | 9.11 | 13.46 | 13.49 | 18.30 | 18.42 |
| Middle CH | 1.09 | 1.09 | 2.71 | 2.72 | 4.49 | 4.50 | 8.99 | 9.03 | 13.43 | 13.43 | 18.22 | 18.18 |
| Highest CH | 1.10 | 1.09 | 2.72 | 2.73 | 4.50 | 4.50 | 9.01 | 9.05 | 13.49 | 13.37 | 18.34 | 18.38 |

| Mode | LTE Band 4 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.11 | 1.10 | 2.72 | 2.72 | 4.52 | 4.49 | 8.99 | 9.05 | 13.46 | 13.46 | 18.54 | 18.38 |
| Middle CH | 1.09 | 1.08 | 2.71 | 2.72 | 4.51 | 4.49 | 9.07 | 9.03 | 13.46 | 13.43 | 18.46 | 18.22 |
| Highest CH | 1.09 | 1.10 | 2.74 | 2.71 | 4.54 | 4.49 | 9.01 | 9.05 | 13.46 | 13.49 | 18.30 | 18.42 |

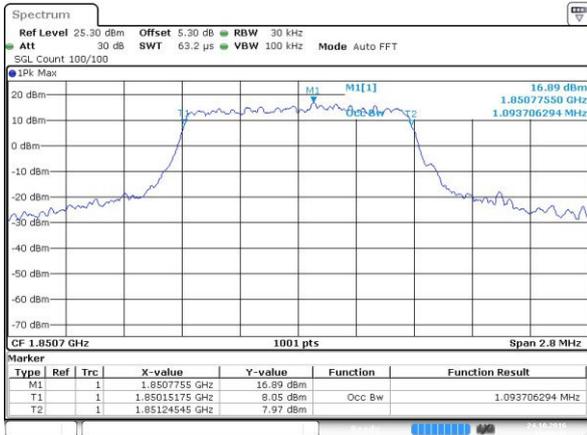
| Mode | LTE Band 5 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.09 | 1.09 | 2.71 | 2.72 | 4.49 | 4.50 | 9.07 | 9.03 | - | - | - | - |
| Middle CH | 1.09 | 1.10 | 2.71 | 2.71 | 4.49 | 4.50 | 9.09 | 9.05 | - | - | - | - |
| Highest CH | 1.09 | 1.09 | 2.72 | 2.74 | 4.49 | 4.50 | 9.01 | 8.99 | - | - | - | - |

| Mode | LTE Band 12 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.08 | 1.09 | 2.72 | 2.72 | 4.49 | 4.49 | 9.01 | 9.01 | - | - | - | - |
| Middle CH | 1.09 | 1.10 | 2.73 | 2.71 | 4.51 | 4.49 | 9.05 | 9.03 | - | - | - | - |
| Highest CH | 1.09 | 1.09 | 2.72 | 2.71 | 4.48 | 4.51 | 9.09 | 8.97 | - | - | - | - |



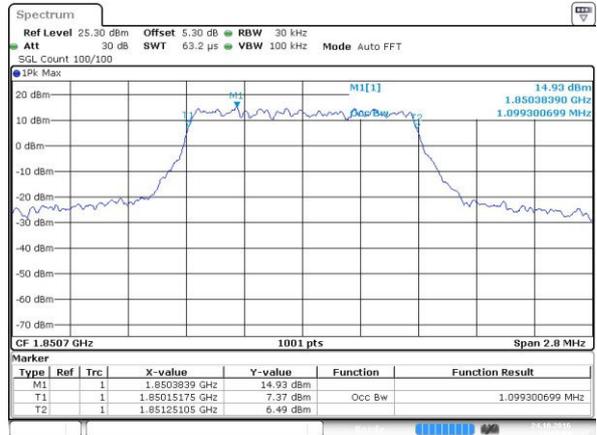
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



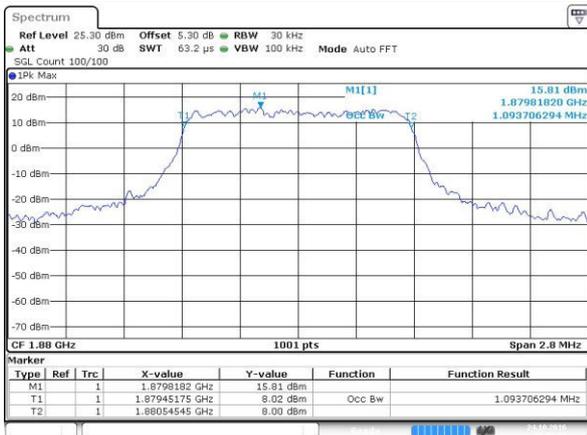
Date: 24.OCT.2016 19:58:53

Lowest Channel / 1.4MHz / 16QAM



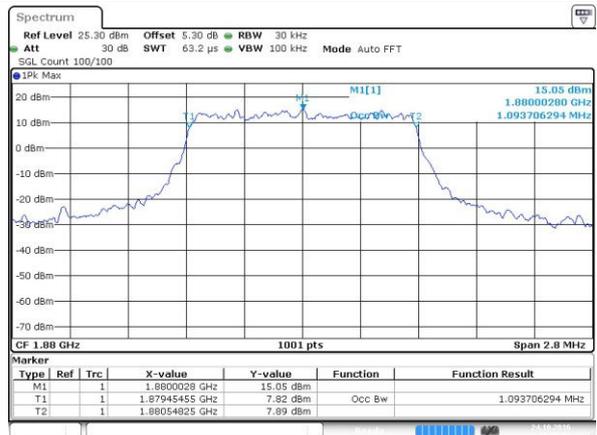
Date: 24.OCT.2016 19:59:04

Middle Channel / 1.4MHz / QPSK



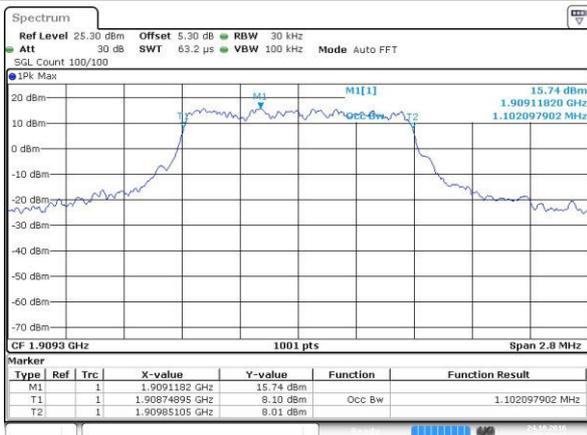
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Middle Channel / 1.4MHz / 16QAM



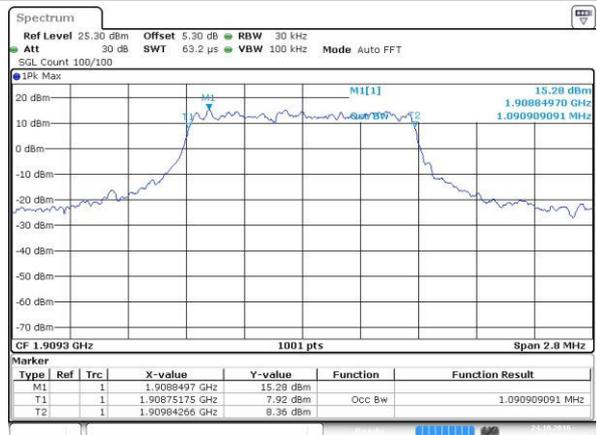
Date: 24.OCT.2016 20:06:09

Highest Channel / 1.4MHz / QPSK



Date: 24.OCT.2016 20:08:32

Highest Channel / 1.4MHz / 16QAM

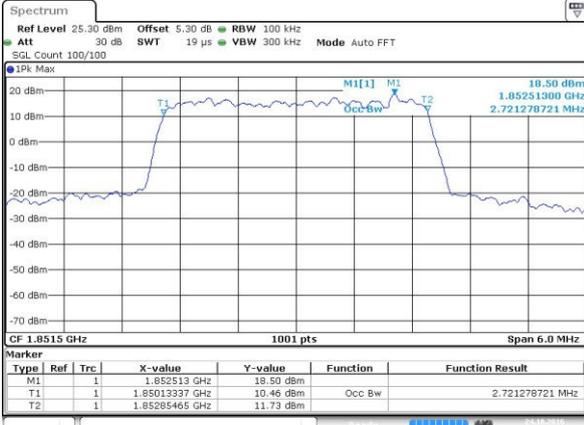


Date: 24.OCT.2016 20:08:42



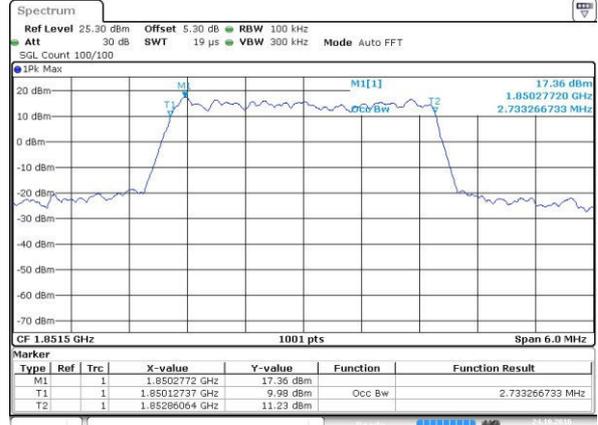
LTE Band 2

Lowest Channel / 3MHz / QPSK



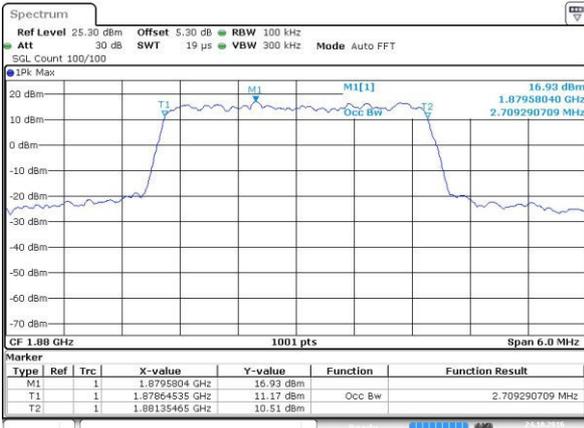
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Lowest Channel / 3MHz / 16QAM



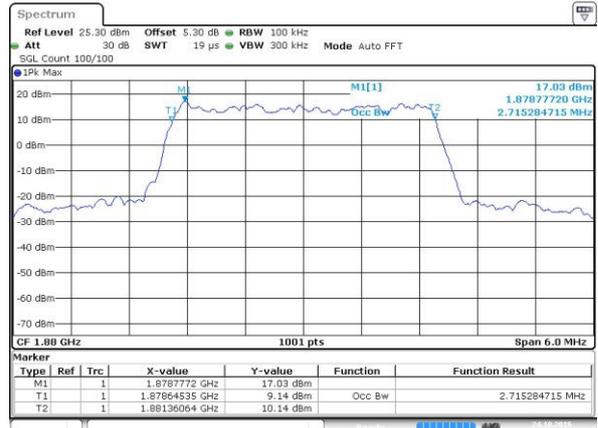
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Middle Channel / 3MHz / QPSK



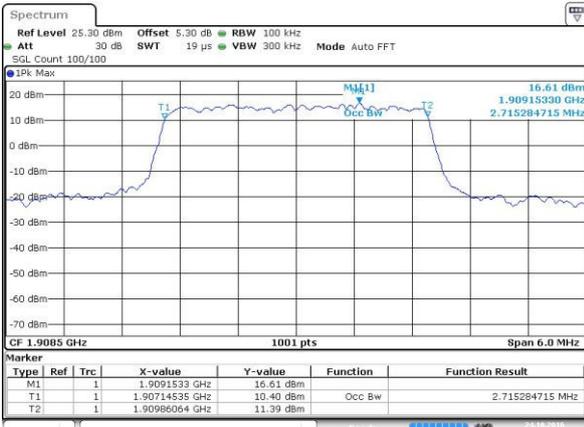
Date: 24.OCT.2016 20:22:41

Middle Channel / 3MHz / 16QAM



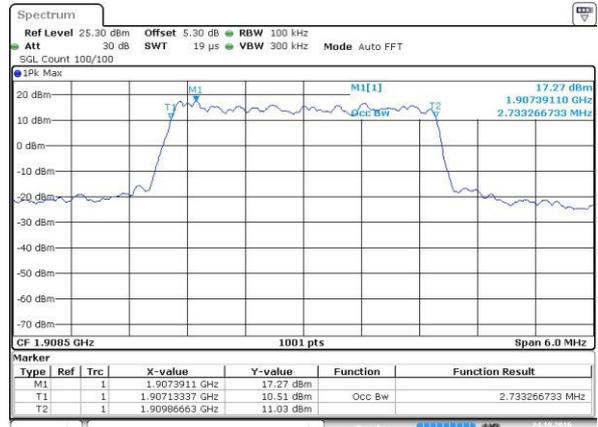
Date: 24.OCT.2016 20:22:52

Highest Channel / 3MHz / QPSK



Date: 24.OCT.2016 20:25:14

Highest Channel / 3MHz / 16QAM

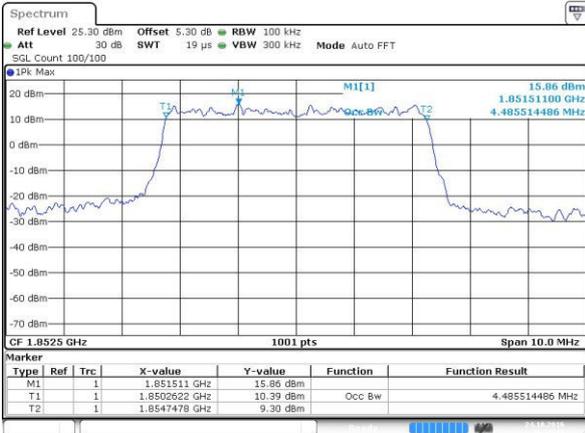


Date: 24.OCT.2016 22:03:01



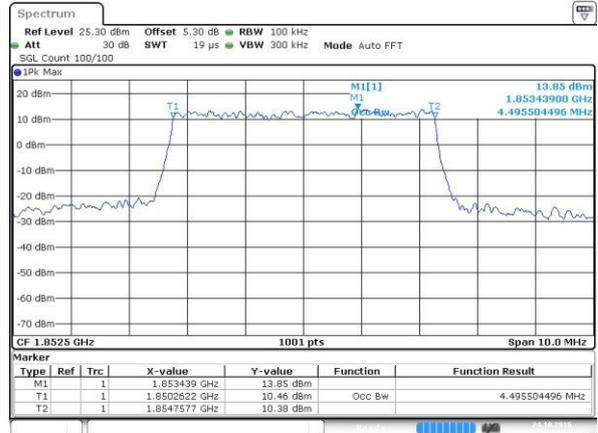
LTE Band 2

Lowest Channel / 5MHz / QPSK



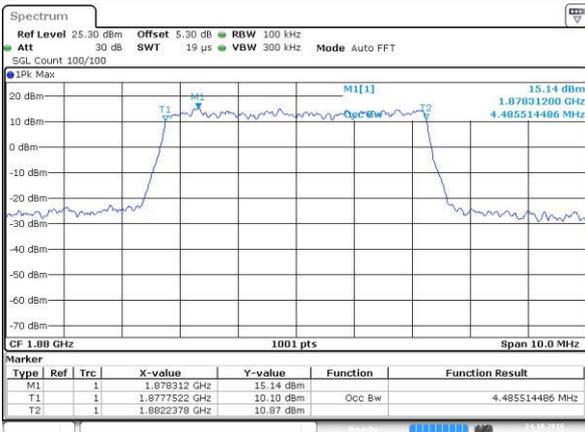
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Lowest Channel / 5MHz / 16QAM



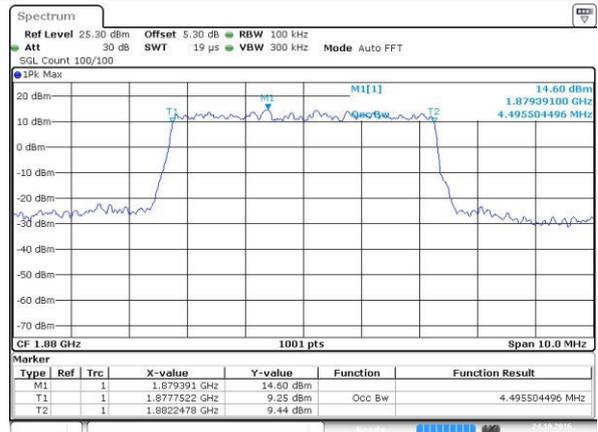
Date: 24.OCT.2016 20:32:30

Middle Channel / 5MHz / QPSK



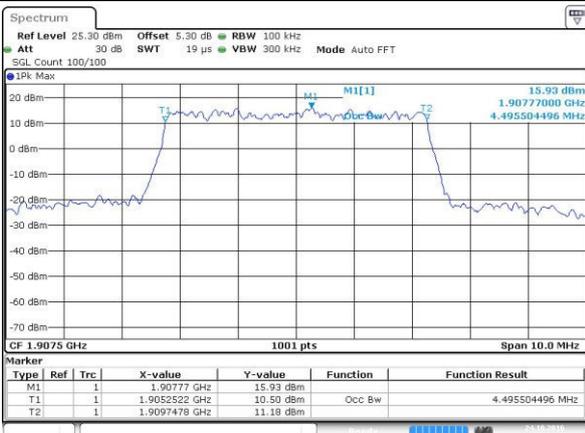
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Middle Channel / 5MHz / 16QAM



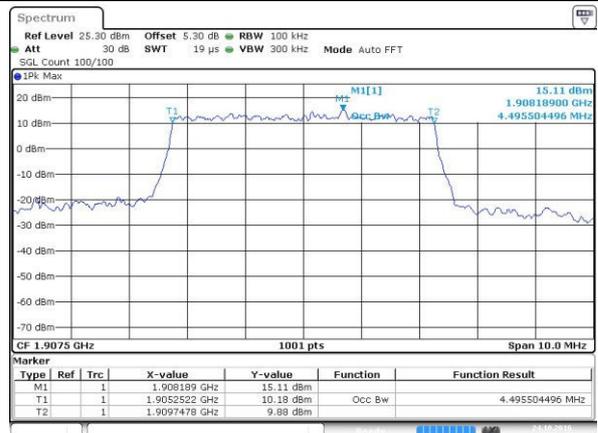
Date: 24.OCT.2016 20:39:35

Highest Channel / 5MHz / QPSK



Date: 24.OCT.2016 20:41:57

Highest Channel / 5MHz / 16QAM



Date: 24.OCT.2016 22:01:35



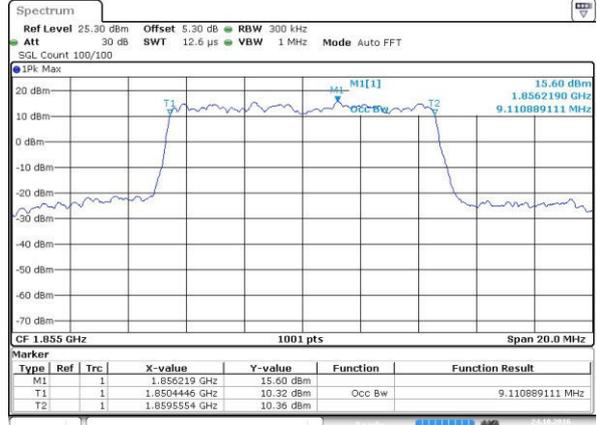
LTE Band 2

Lowest Channel / 10MHz / QPSK



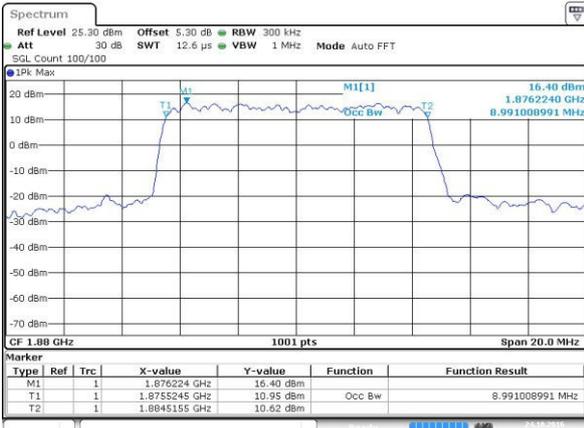
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Lowest Channel / 10MHz / 16QAM



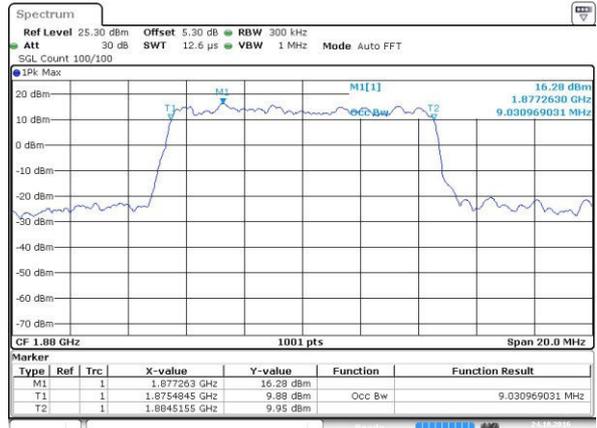
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Middle Channel / 10MHz / QPSK



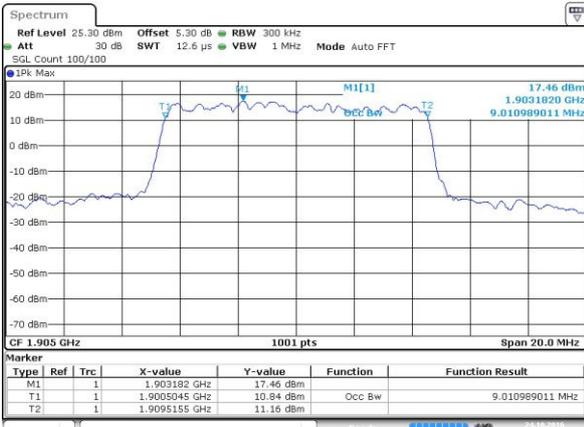
Date: 24.OCT.2016 20:56:07

Middle Channel / 10MHz / 16QAM



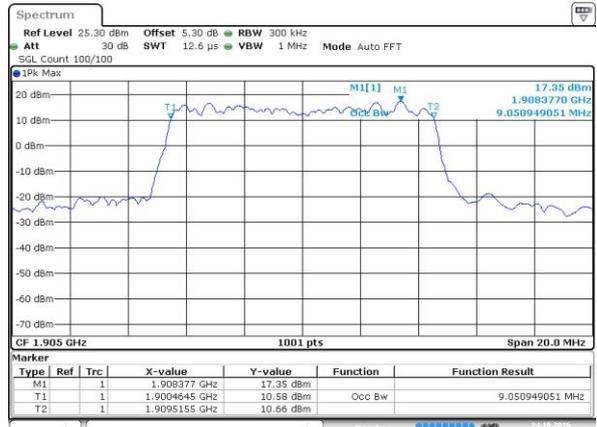
Date: 24.OCT.2016 20:56:18

Highest Channel / 10MHz / QPSK



Date: 24.OCT.2016 20:58:40

Highest Channel / 10MHz / 16QAM

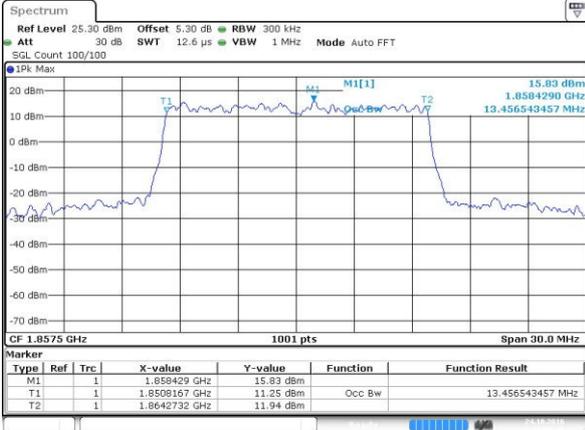


Date: 24.OCT.2016 20:58:51



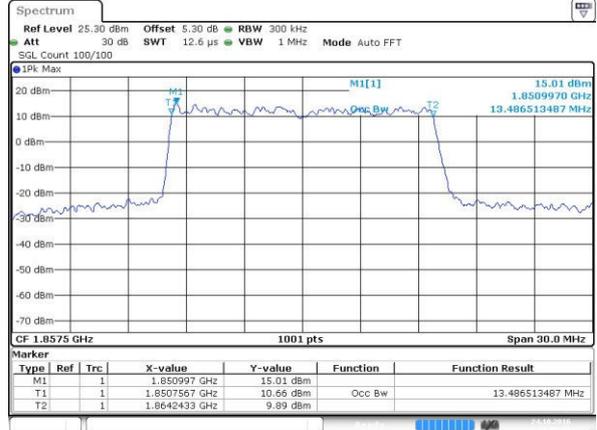
LTE Band 2

Lowest Channel / 15MHz / QPSK



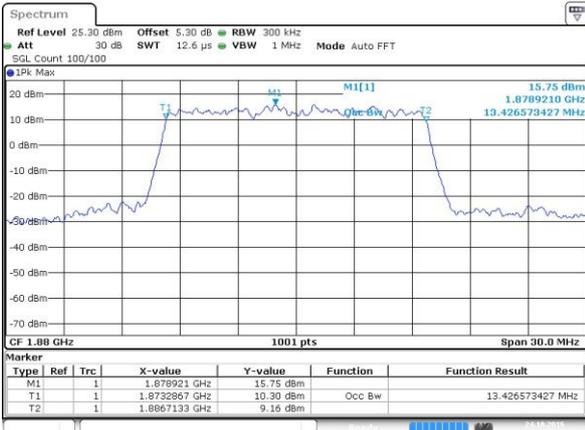
Date: 24.OCT.2016 21:05:45

Lowest Channel / 15MHz / 16QAM



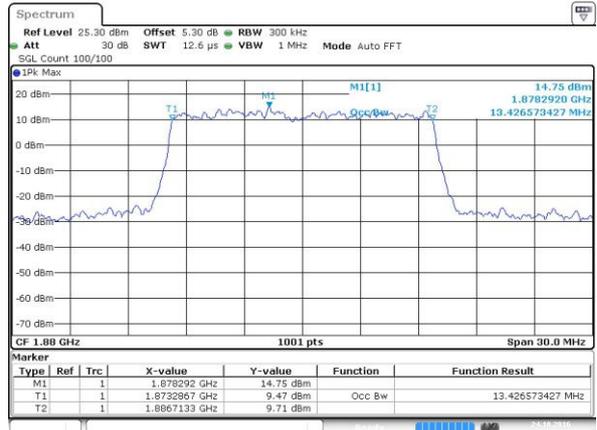
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Middle Channel / 15MHz / QPSK



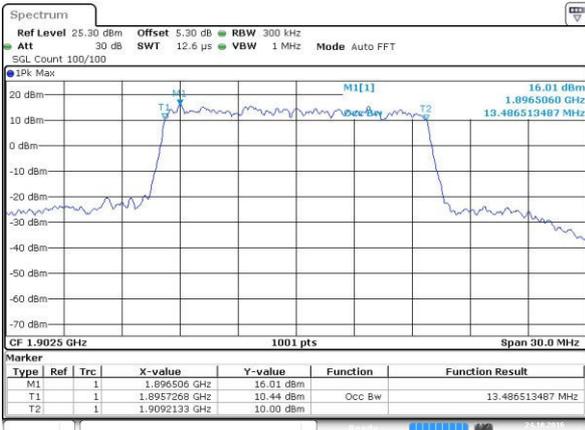
Date: 24.OCT.2016 21:12:50

Middle Channel / 15MHz / 16QAM



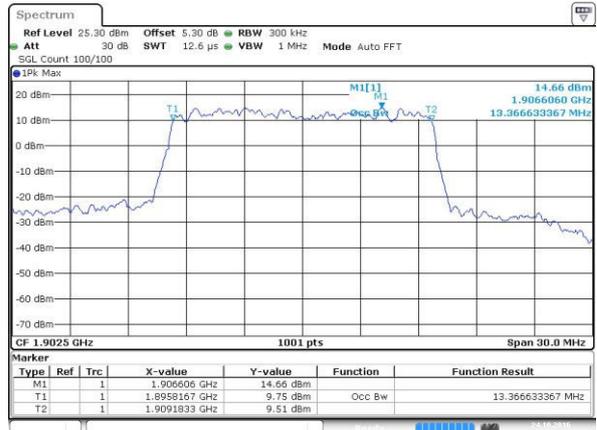
Date: 24.OCT.2016 21:13:01

Highest Channel / 15MHz / QPSK



Date: 24.OCT.2016 21:15:23

Highest Channel / 15MHz / 16QAM

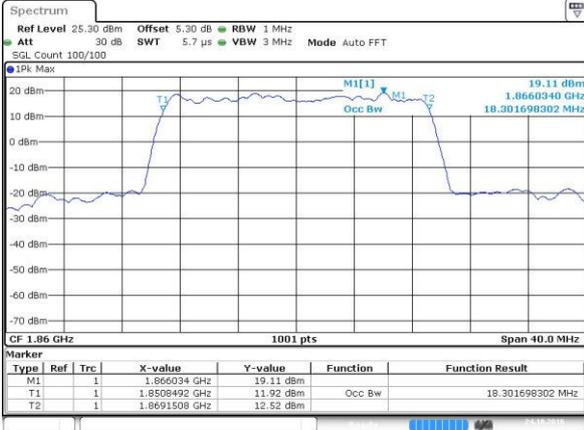


Date: 24.OCT.2016 21:15:34



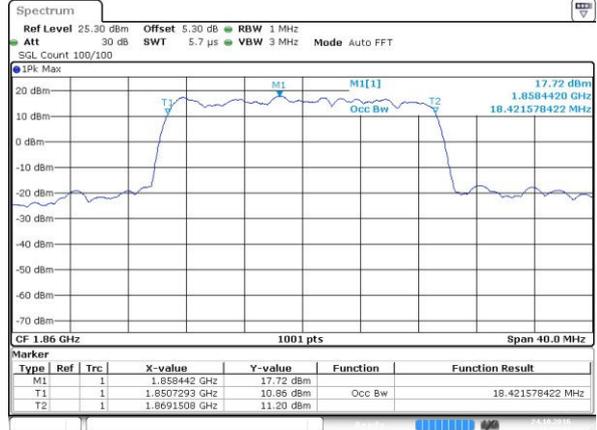
LTE Band 2

Lowest Channel / 20MHz / QPSK



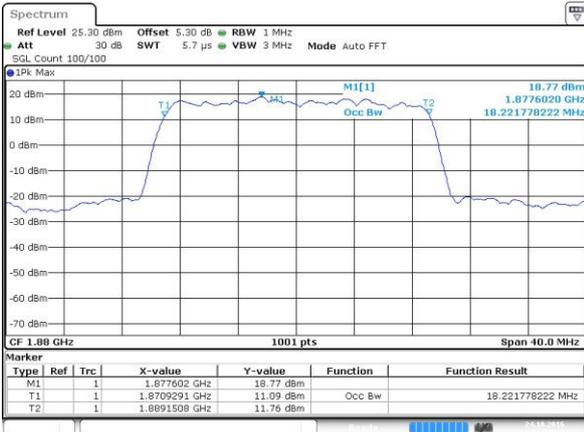
Date: 24.OCT.2016 21:22:28

Lowest Channel / 20MHz / 16QAM



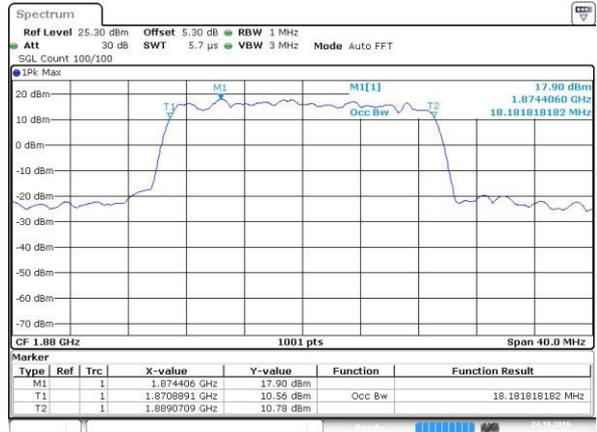
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Middle Channel / 20MHz / QPSK



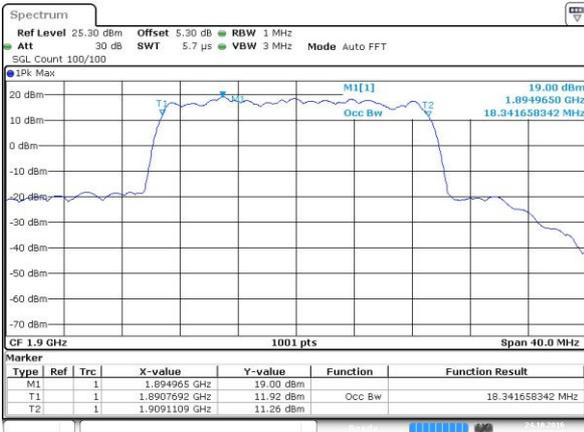
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Middle Channel / 20MHz / 16QAM



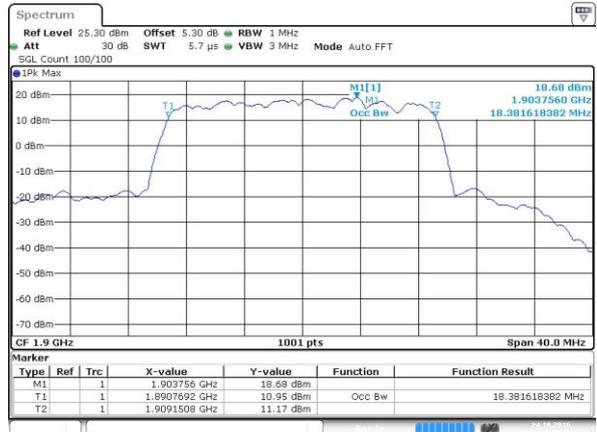
Date: 24.OCT.2016 21:29:44

Highest Channel / 20MHz / QPSK



Date: 24.OCT.2016 21:32:06

Highest Channel / 20MHz / 16QAM

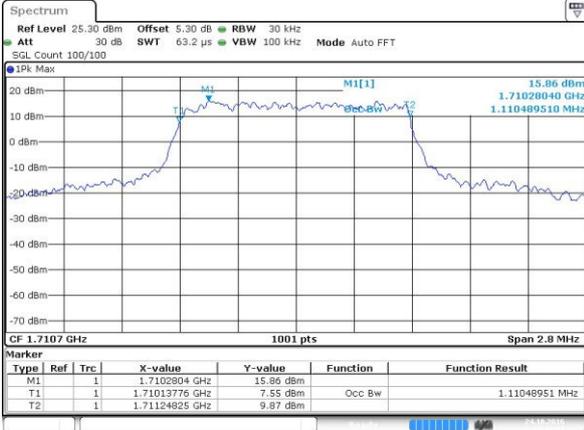


Date: 24.OCT.2016 21:32:17



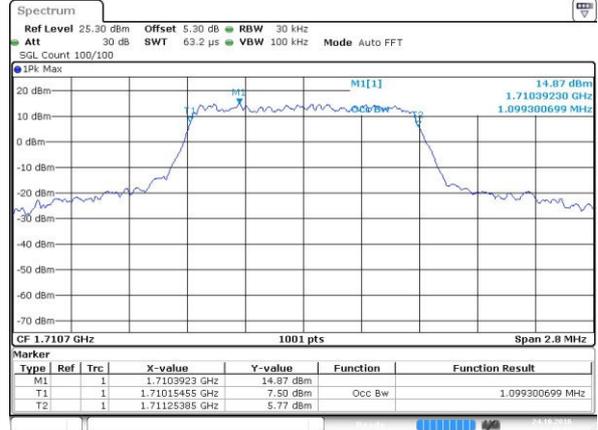
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



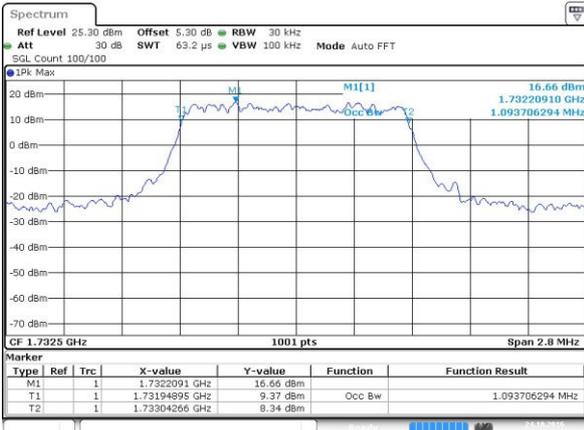
Date: 24.OCT.2016 22:15:02

Lowest Channel / 1.4MHz / 16QAM



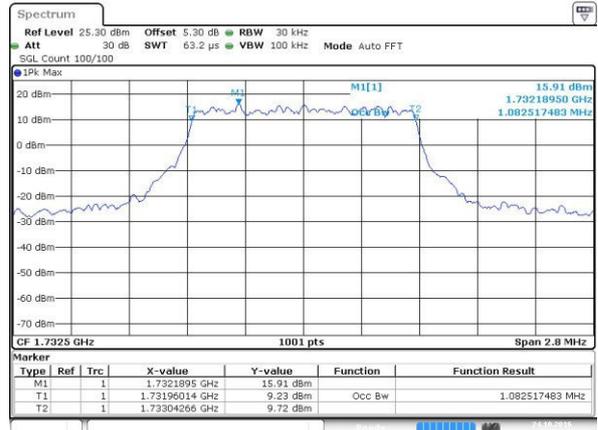
Date: 24.OCT.2016 22:15:13

Middle Channel / 1.4MHz / QPSK



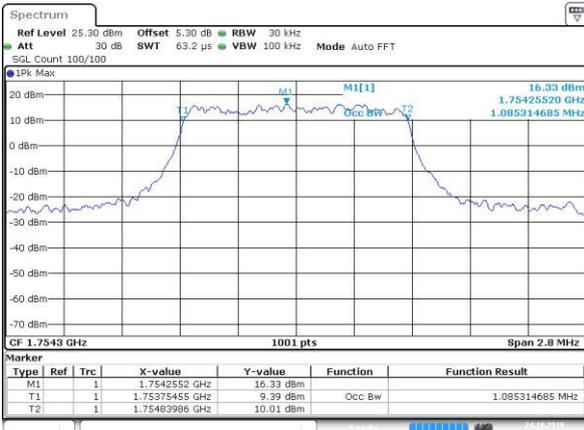
Date: 24.OCT.2016 22:22:07

Middle Channel / 1.4MHz / 16QAM



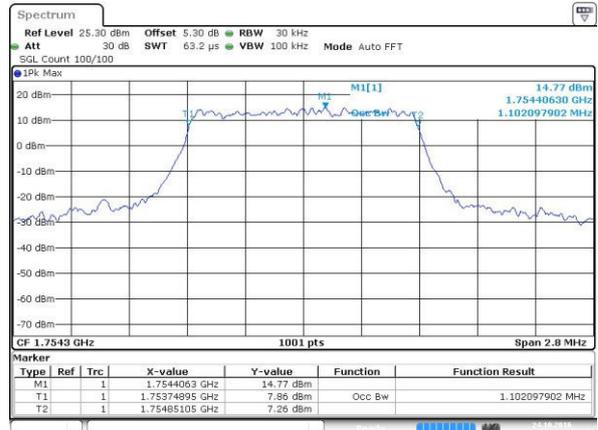
Date: 24.OCT.2016 22:22:18

Highest Channel / 1.4MHz / QPSK



Date: 24.OCT.2016 22:24:40

Highest Channel / 1.4MHz / 16QAM



Date: 24.OCT.2016 22:24:51