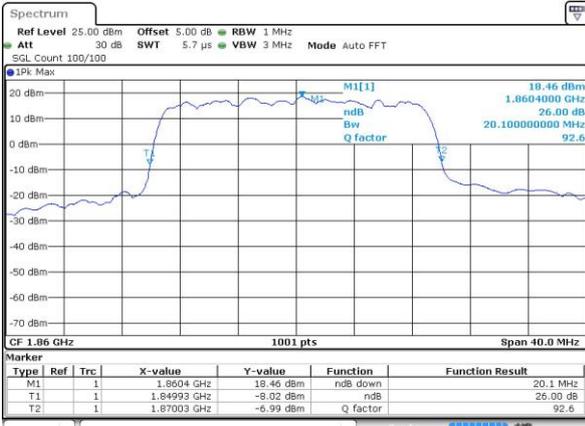




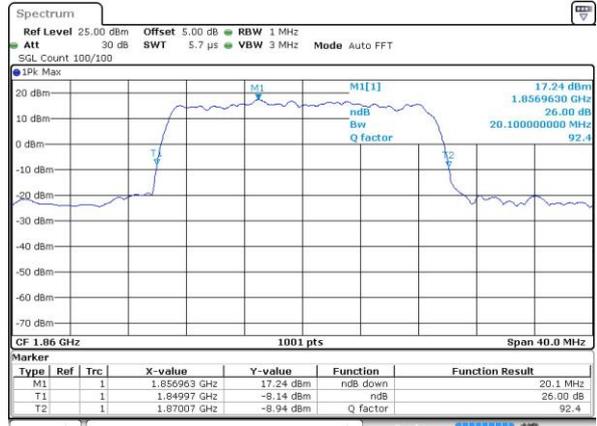
LTE Band 2

Lowest Channel / 20MHz / QPSK



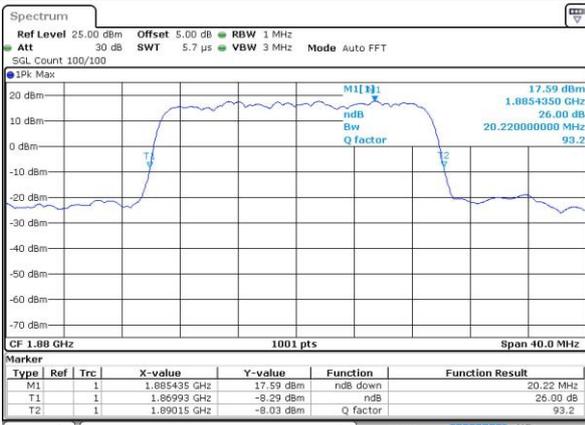
Date: 13 APR 2016 12:39:05

Lowest Channel / 20MHz / 16QAM



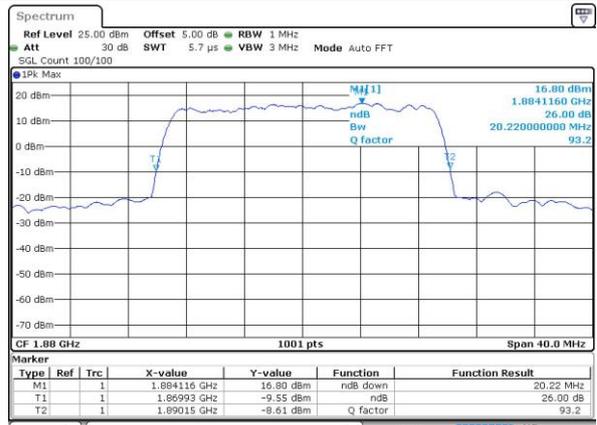
Date: 13 APR 2016 12:39:16

Middle Channel / 20MHz / QPSK



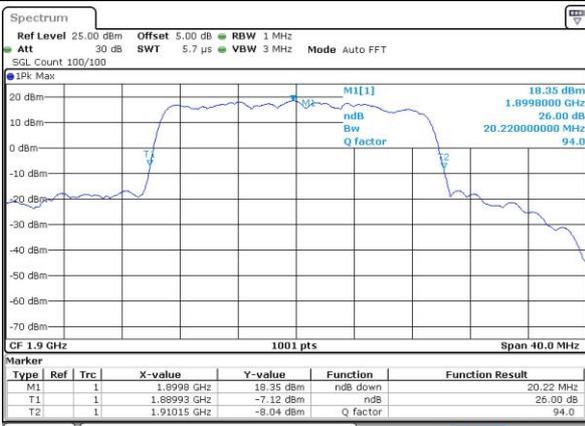
Date: 13 APR 2016 12:46:10

Middle Channel / 20MHz / 16QAM



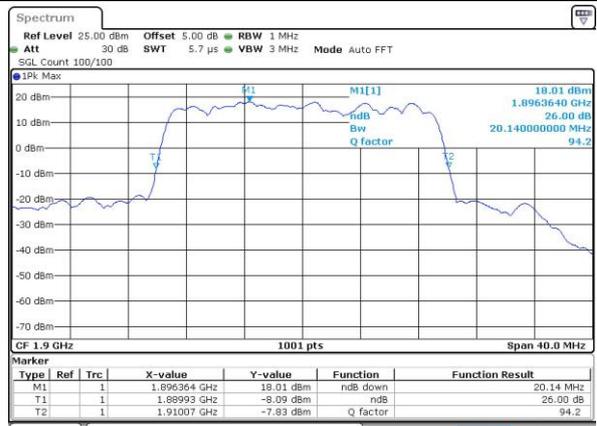
Date: 13 APR 2016 12:46:20

Highest Channel / 20MHz / QPSK



Date: 13 APR 2016 12:48:43

Highest Channel / 20MHz / 16QAM

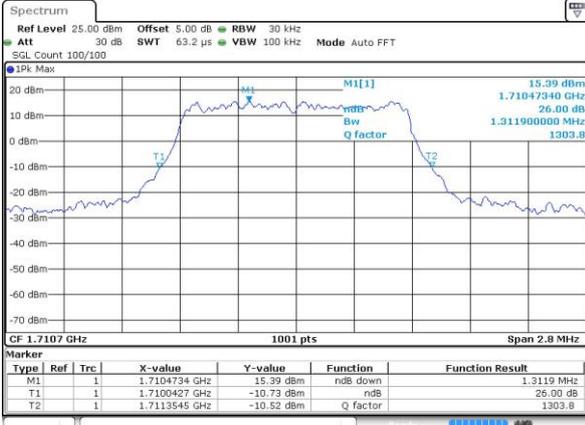


Date: 13 APR 2016 12:48:53



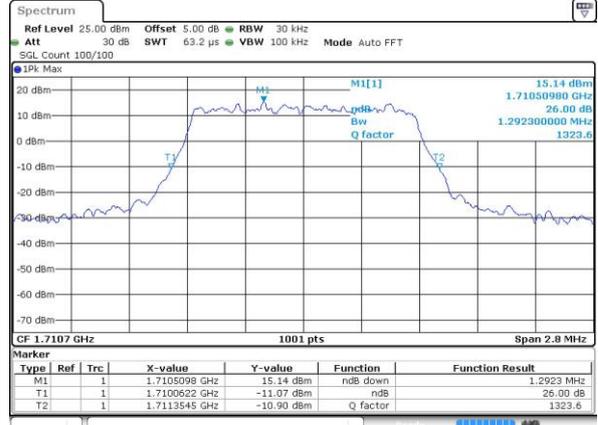
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



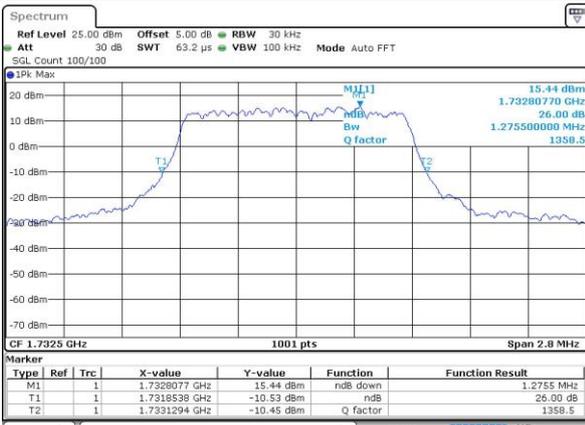
Date: 4 MAY 2016 18:48:44

Lowest Channel / 1.4MHz / 16QAM



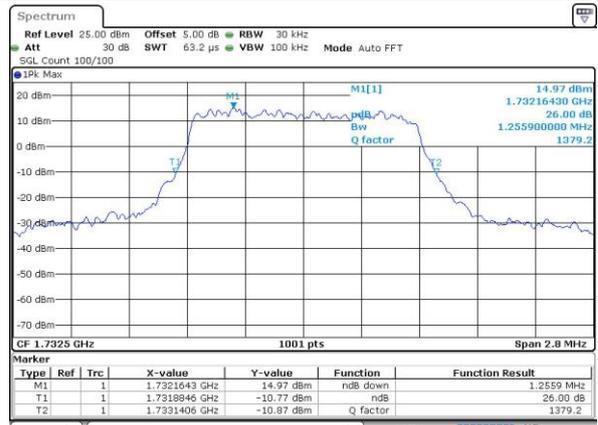
Date: 4 MAY 2016 18:48:55

Middle Channel / 1.4MHz / QPSK



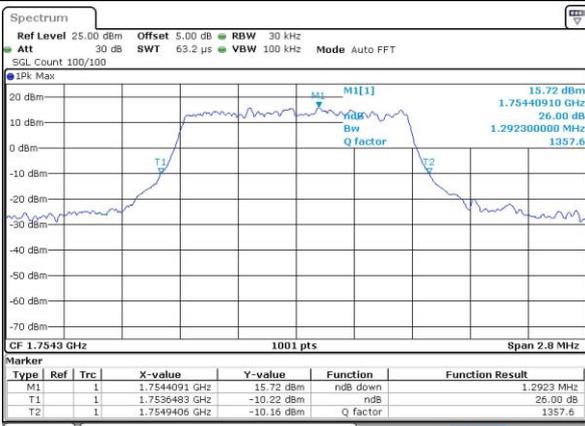
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Middle Channel / 1.4MHz / 16QAM



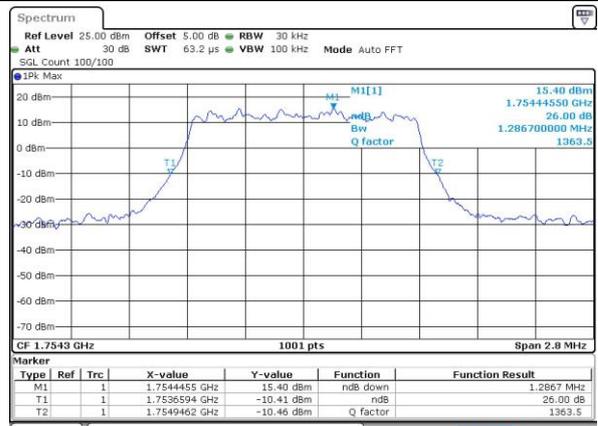
Date: 4 MAY 2016 18:56:00

Highest Channel / 1.4MHz / QPSK



Date: 4 MAY 2016 18:58:23

Highest Channel / 1.4MHz / 16QAM

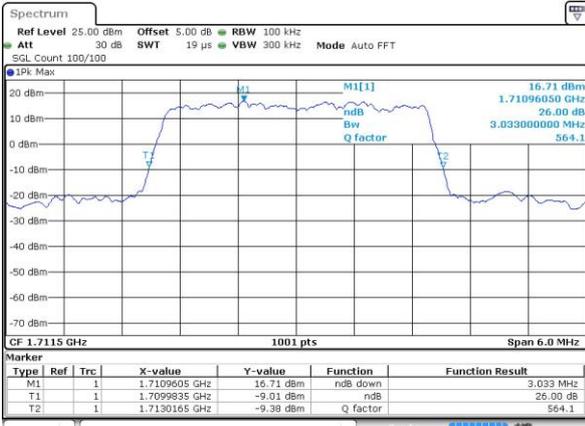


Date: 4 MAY 2016 18:58:33



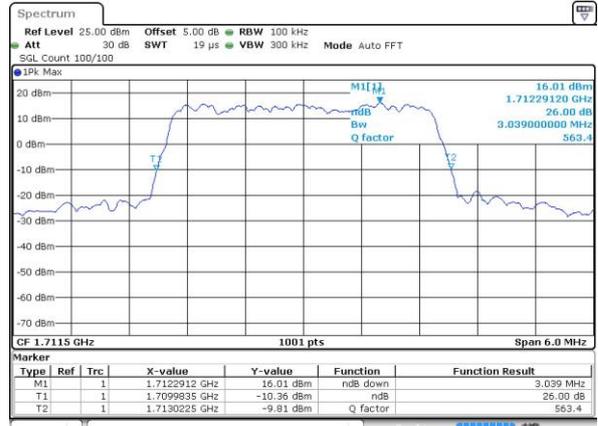
LTE Band 4

Lowest Channel / 3MHz / QPSK



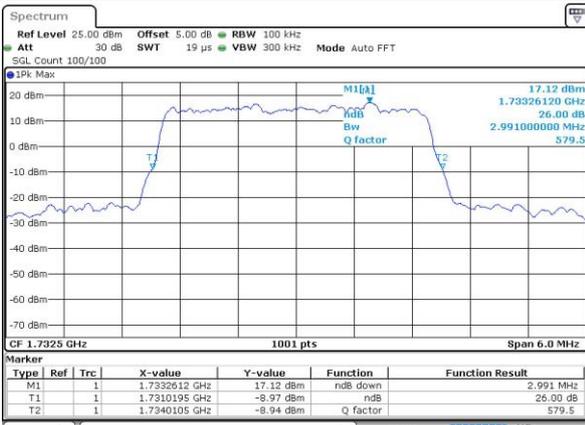
Date: 4 MAY 2016 19:05:28

Lowest Channel / 3MHz / 16QAM



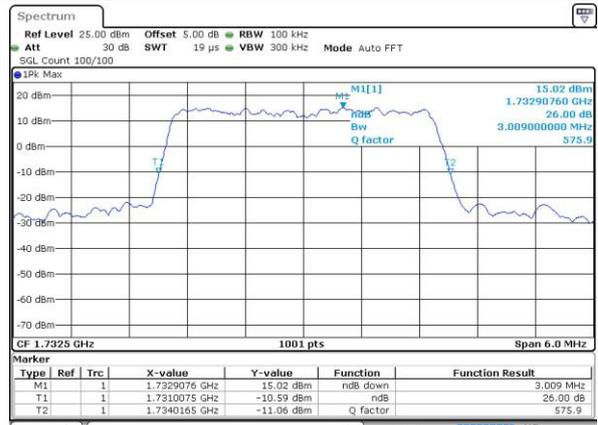
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Middle Channel / 3MHz / QPSK



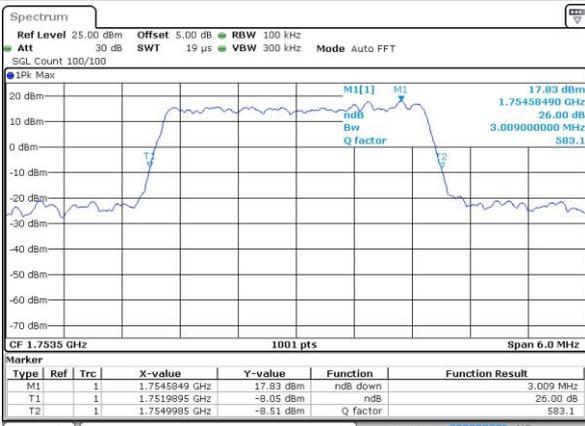
Date: 4 MAY 2016 19:12:34

Middle Channel / 3MHz / 16QAM



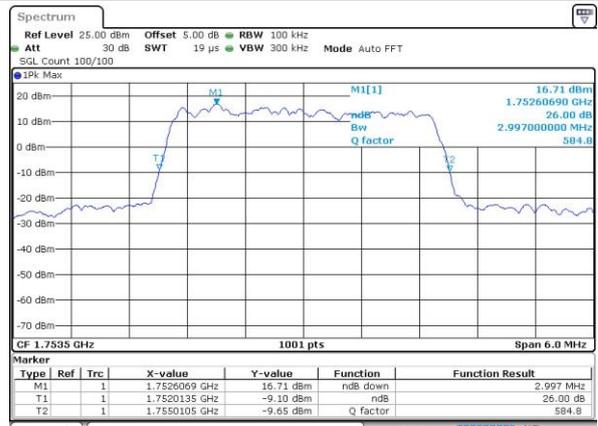
Date: 4 MAY 2016 19:12:44

Highest Channel / 3MHz / QPSK



Date: 4 MAY 2016 19:15:07

Highest Channel / 3MHz / 16QAM

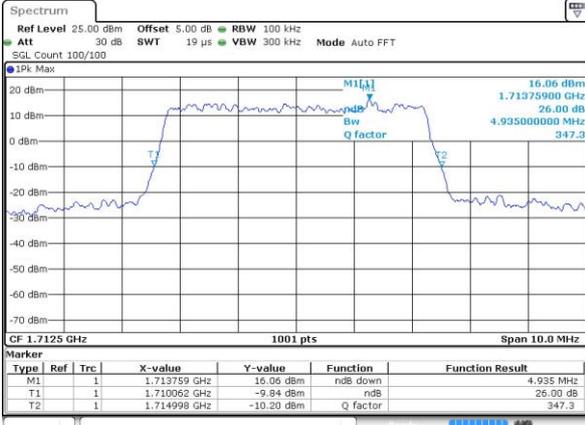


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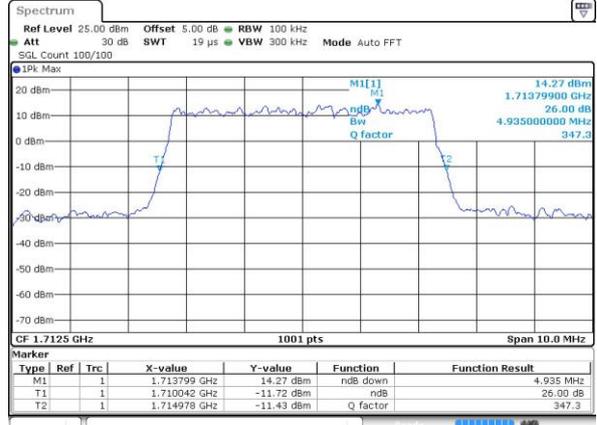
LTE Band 4

Lowest Channel / 5MHz / QPSK



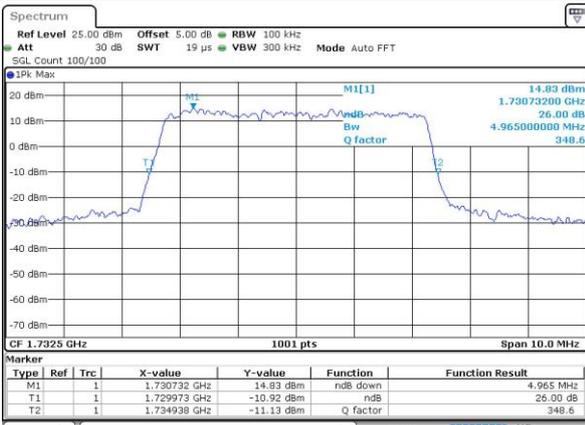
Date: 4 MAY 2016 19:22:12

Lowest Channel / 5MHz / 16QAM



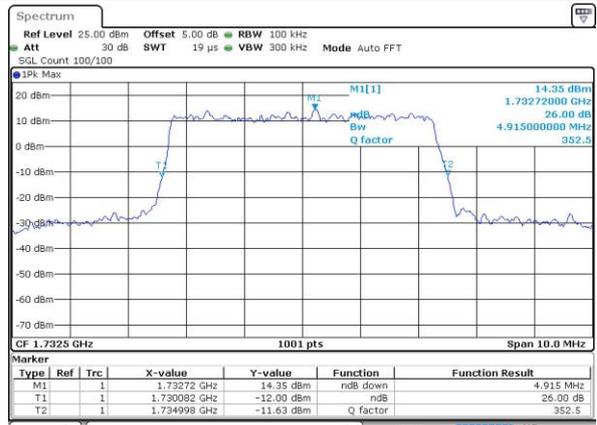
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Middle Channel / 5MHz / QPSK



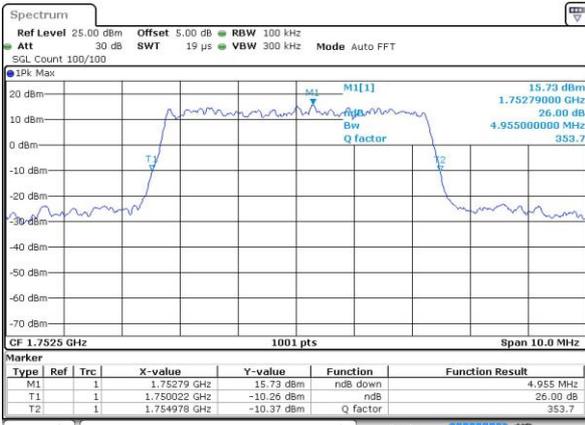
Date: 4 MAY 2016 19:29:17

Middle Channel / 5MHz / 16QAM



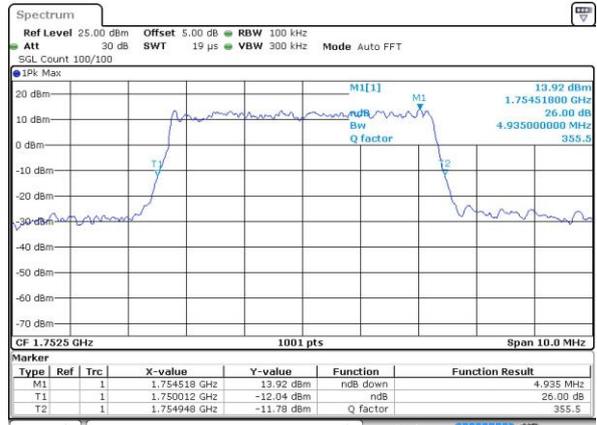
Date: 4 MAY 2016 19:28:27

Highest Channel / 5MHz / QPSK



Date: 4 MAY 2016 19:31:50

Highest Channel / 5MHz / 16QAM

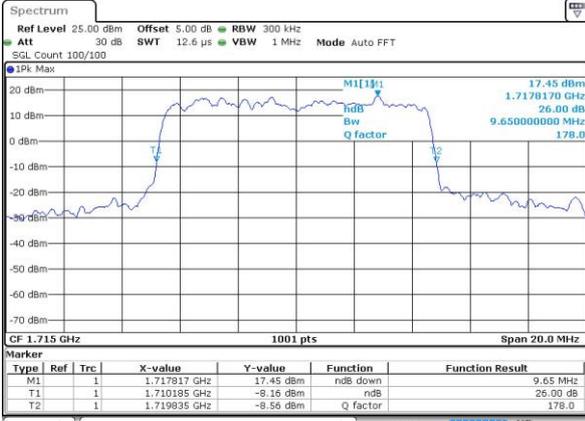


Date: 4 MAY 2016 19:32:00



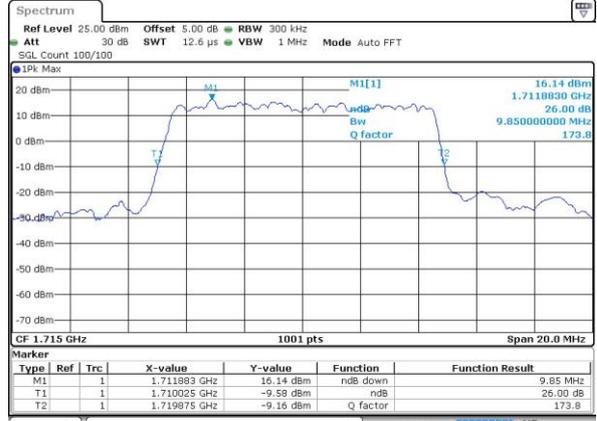
LTE Band 4

Lowest Channel / 10MHz / QPSK



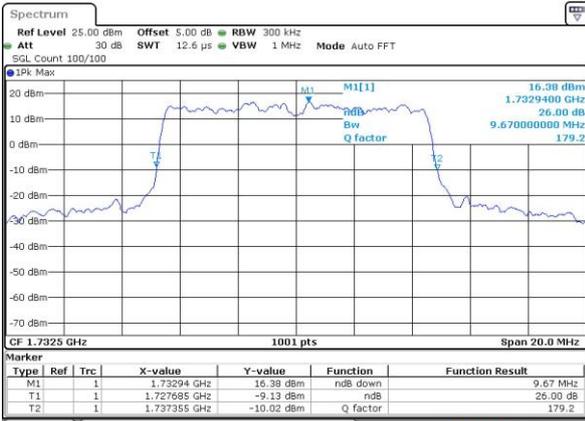
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Lowest Channel / 10MHz / 16QAM



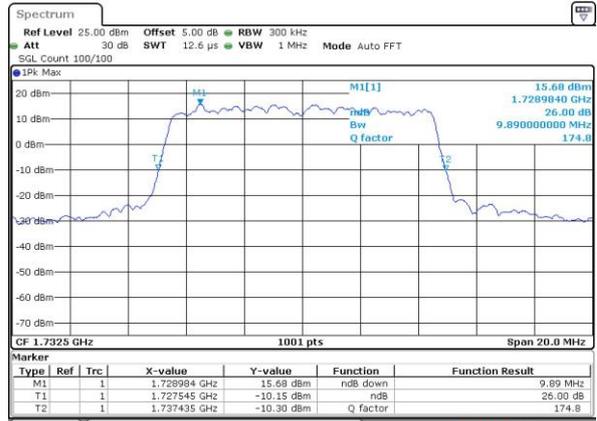
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Middle Channel / 10MHz / QPSK



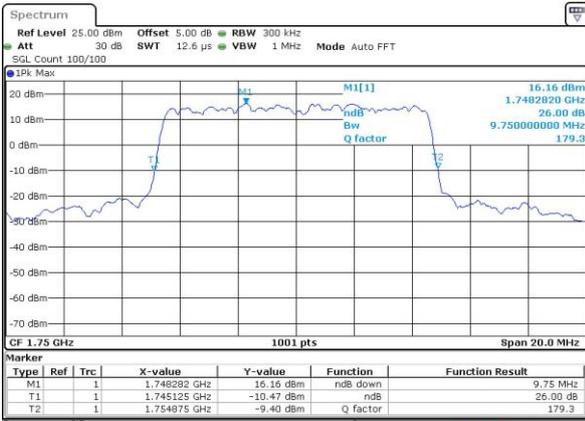
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Middle Channel / 10MHz / 16QAM



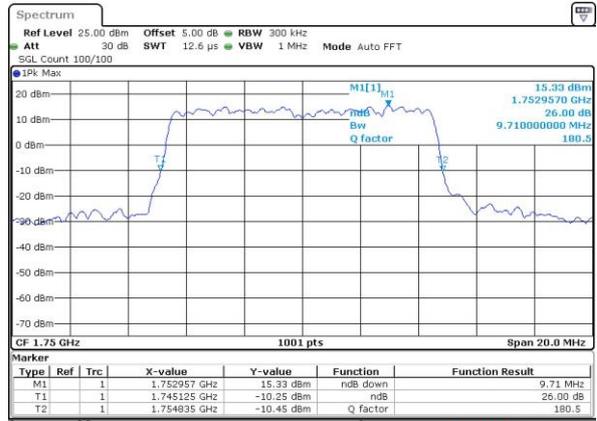
Date: 4 MAY 2016 19:46:11

Highest Channel / 10MHz / QPSK



Date: 4 MAY 2016 19:48:33

Highest Channel / 10MHz / 16QAM



Date: 4 MAY 2016 19:48:44



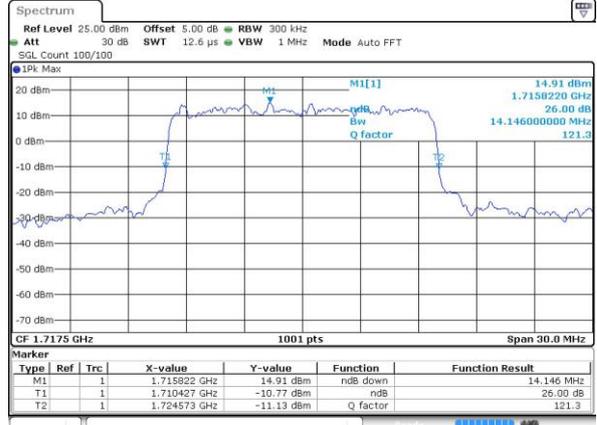
LTE Band 4

Lowest Channel / 15MHz / QPSK



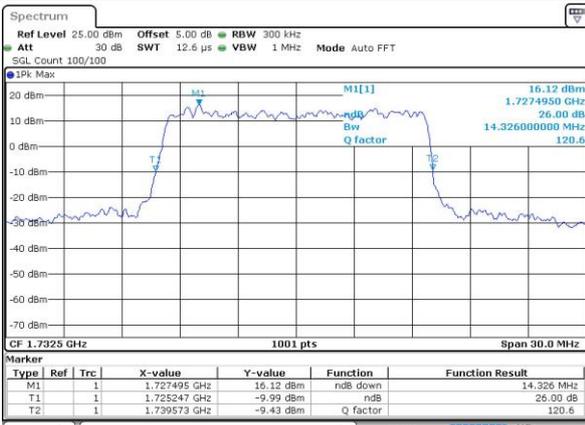
Date: 4 MAY 2016 19:55:39

Lowest Channel / 15MHz / 16QAM



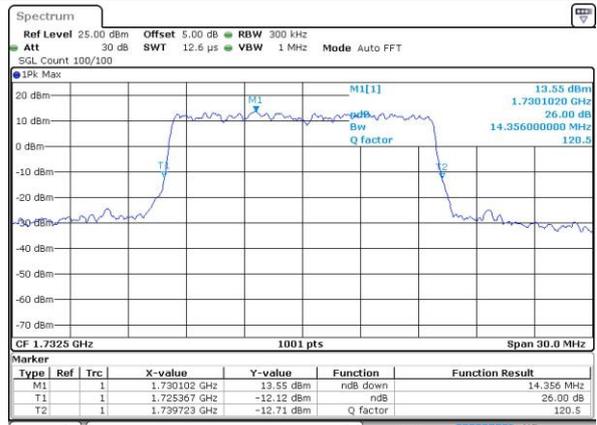
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Middle Channel / 15MHz / QPSK



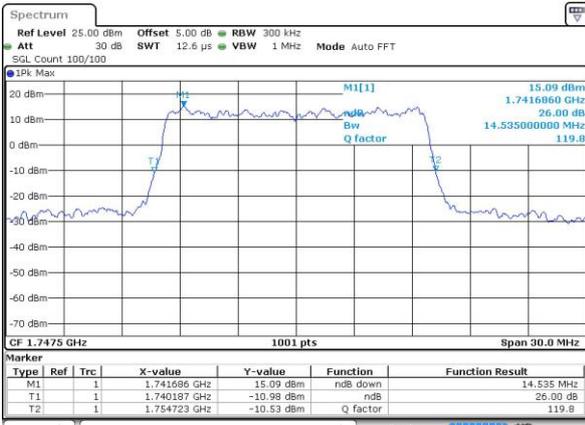
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Middle Channel / 15MHz / 16QAM



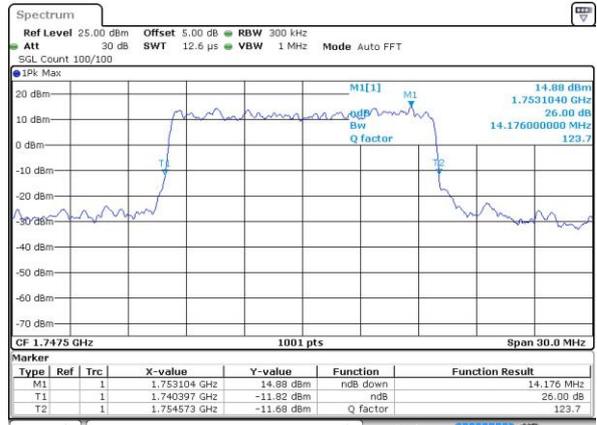
Date: 4 MAY 2016 20:02:54

Highest Channel / 15MHz / QPSK



Date: 4 MAY 2016 20:05:17

Highest Channel / 15MHz / 16QAM

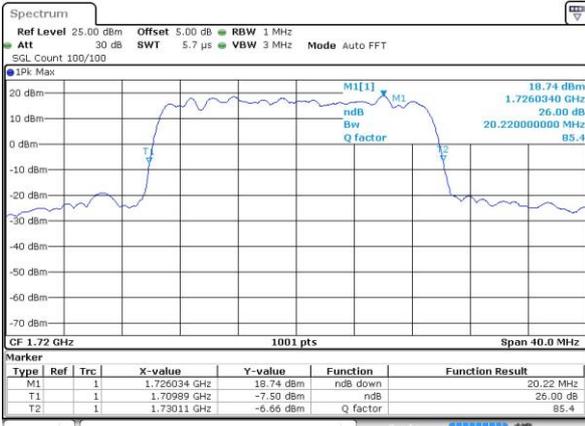


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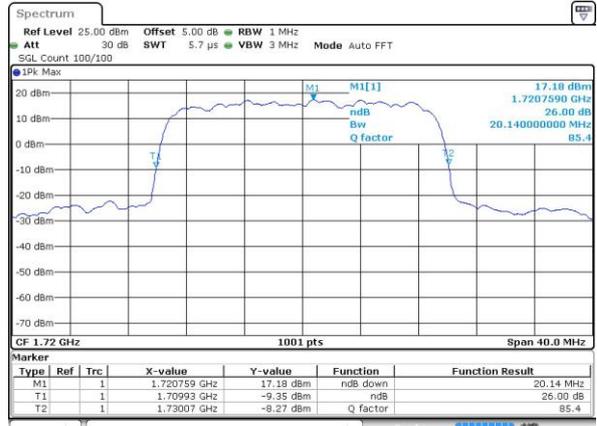
LTE Band 4

Lowest Channel / 20MHz / QPSK



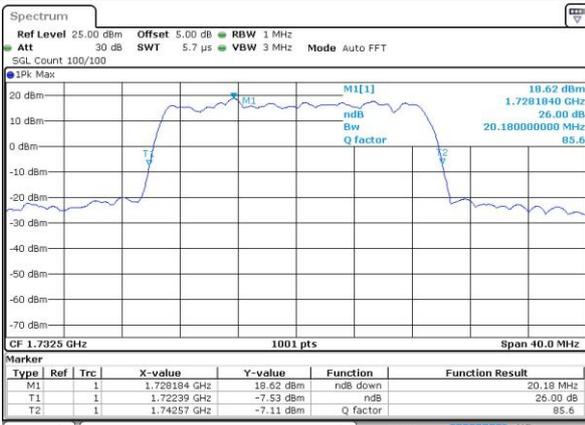
Date: 4 MAY 2016 20:12:22

Lowest Channel / 20MHz / 16QAM



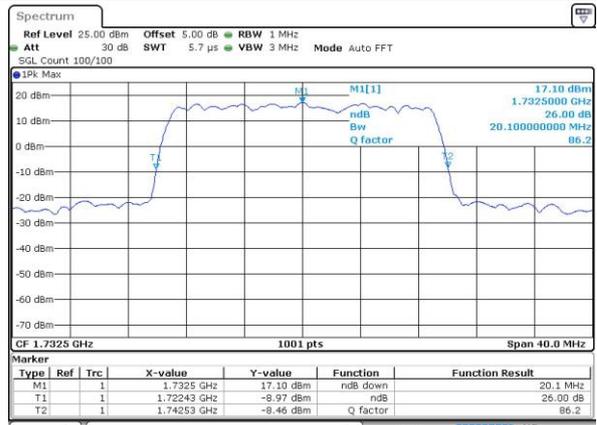
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Middle Channel / 20MHz / QPSK



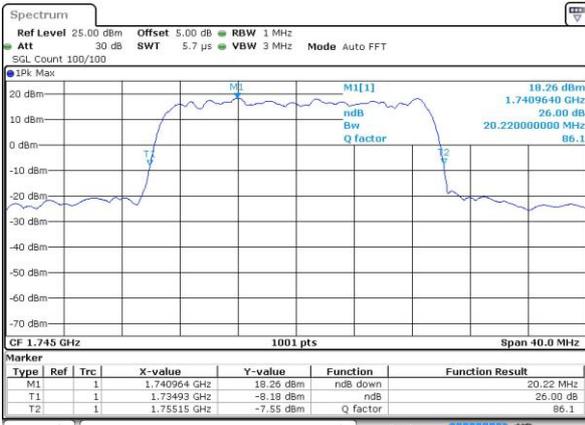
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Middle Channel / 20MHz / 16QAM



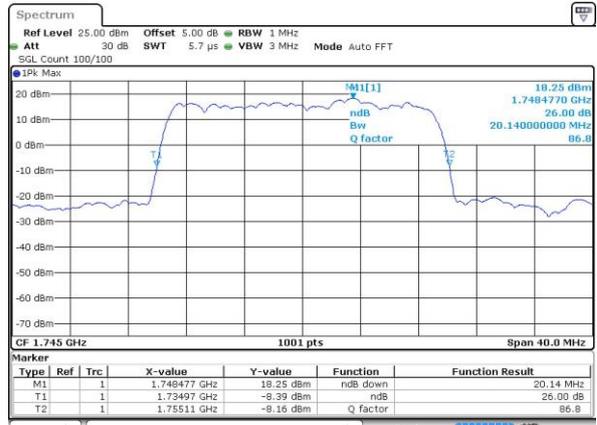
Date: 4 MAY 2016 20:19:38

Highest Channel / 20MHz / QPSK



Date: 4 MAY 2016 20:22:00

Highest Channel / 20MHz / 16QAM

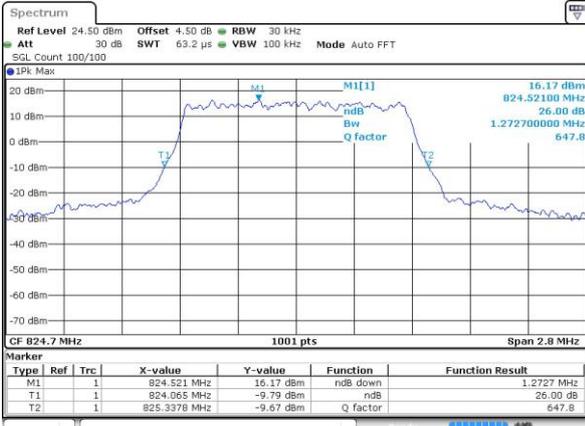


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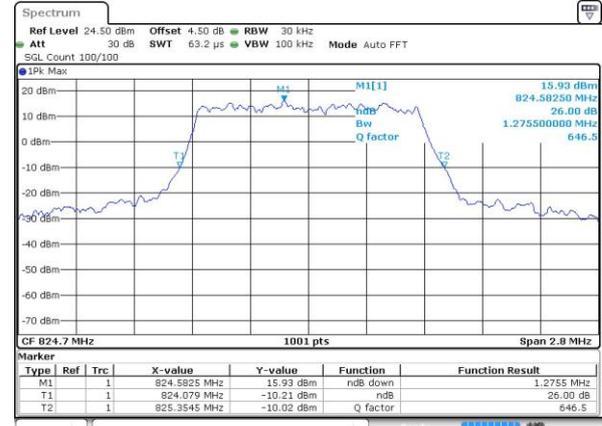
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



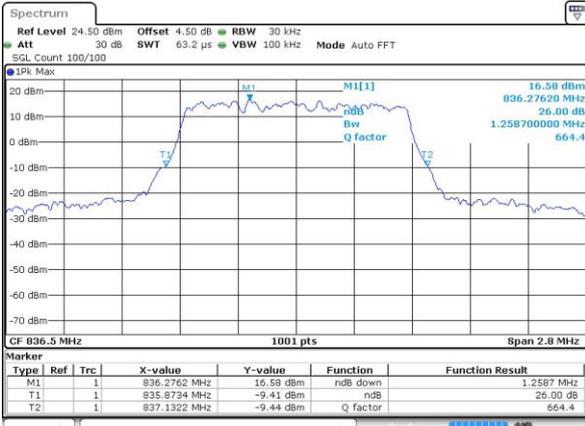
Date: 14 APR 2016 15:00:41

Lowest Channel / 1.4MHz / 16QAM



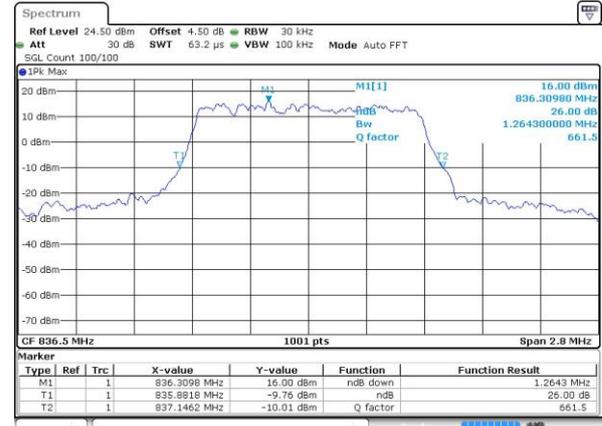
Date: 14 APR 2016 15:00:31

Middle Channel / 1.4MHz / QPSK



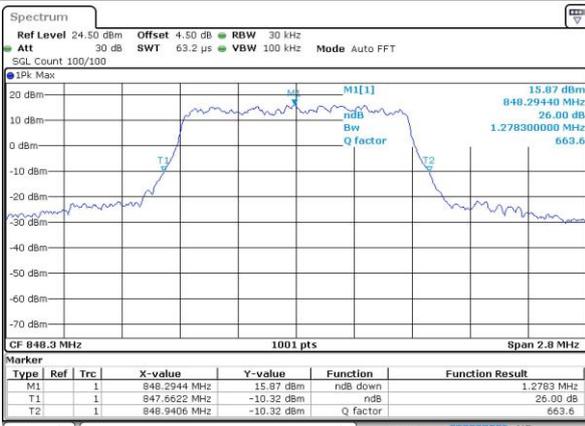
Date: 14 APR 2016 15:11:06

Middle Channel / 1.4MHz / 16QAM



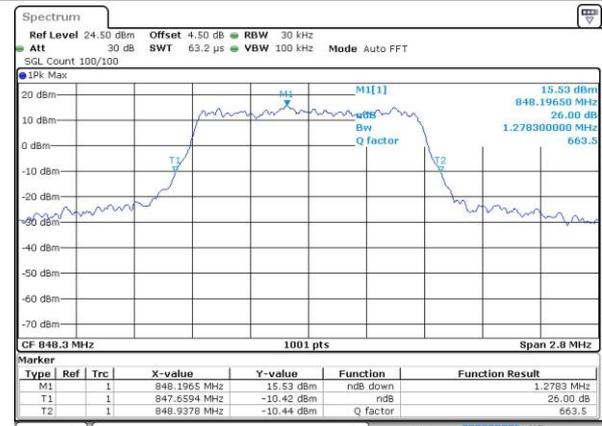
Date: 14 APR 2016 15:11:17

Highest Channel / 1.4MHz / QPSK



Date: 14 APR 2016 15:13:38

Highest Channel / 1.4MHz / 16QAM

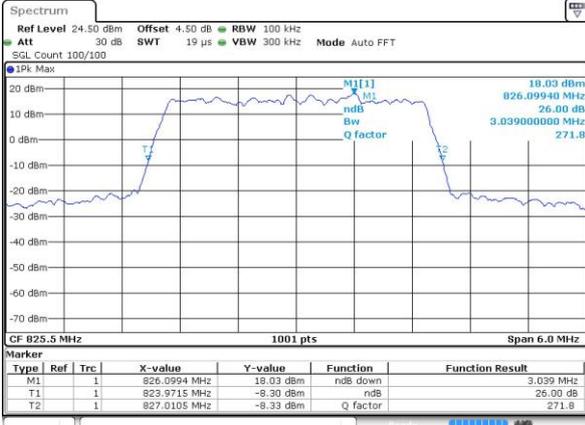


Date: 14 APR 2016 15:13:48



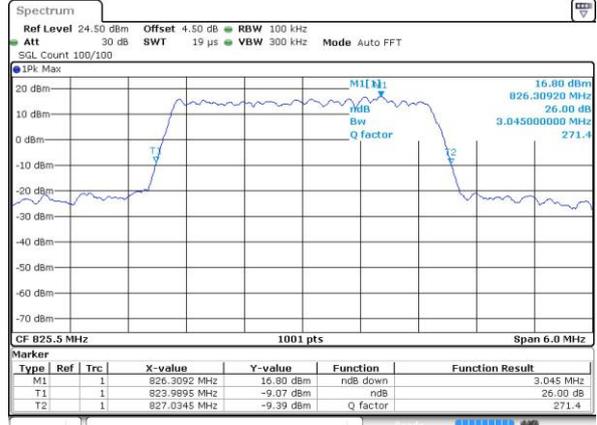
LTE Band 5

Lowest Channel / 3MHz / QPSK



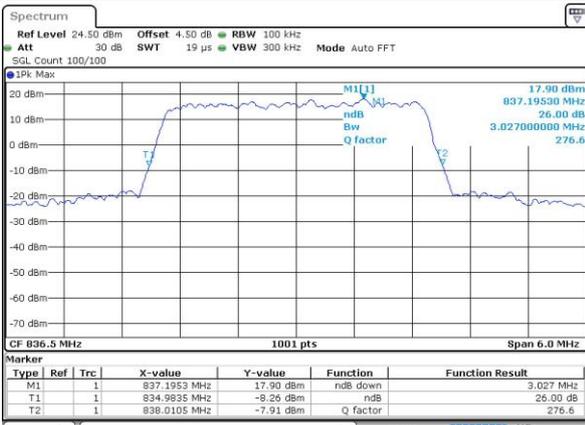
Date: 14 APR 2016 15:24:13

Lowest Channel / 3MHz / 16QAM



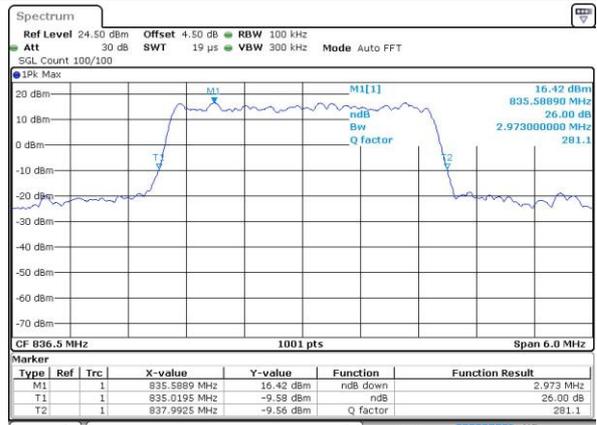
Date: 14 APR 2016 15:24:24

Middle Channel / 3MHz / QPSK



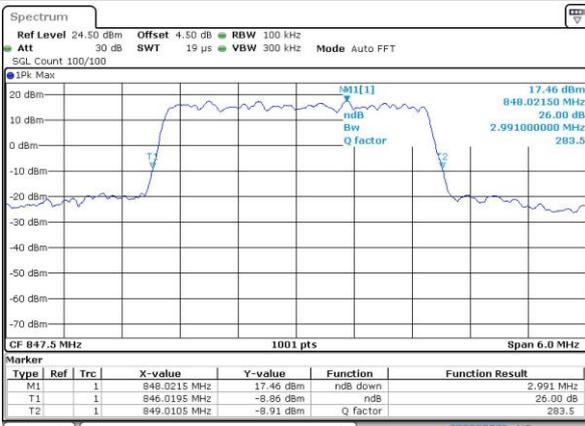
Date: 14 APR 2016 15:34:49

Middle Channel / 3MHz / 16QAM



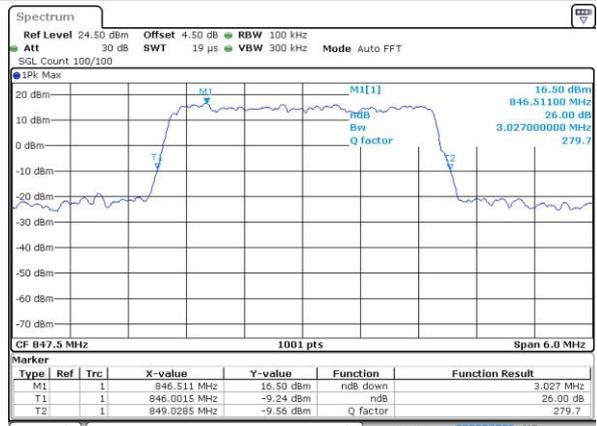
Date: 14 APR 2016 15:34:59

Highest Channel / 3MHz / QPSK



Date: 14 APR 2016 15:37:20

Highest Channel / 3MHz / 16QAM

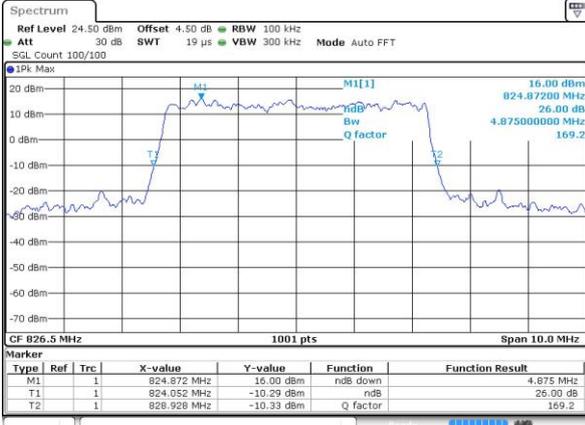


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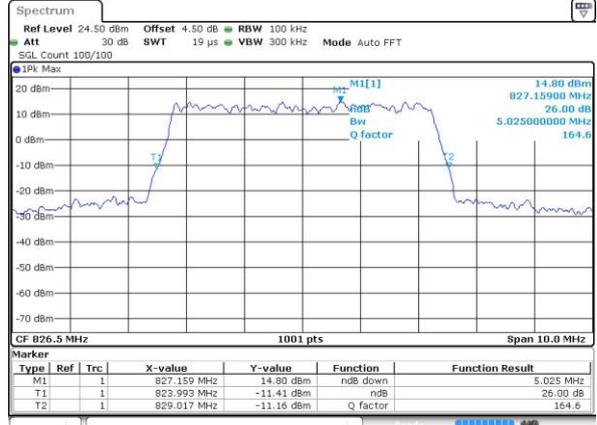
LTE Band 5

Lowest Channel / 5MHz / QPSK



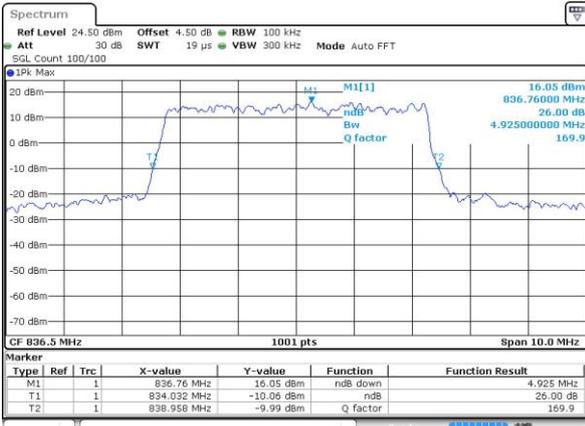
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Lowest Channel / 5MHz / 16QAM



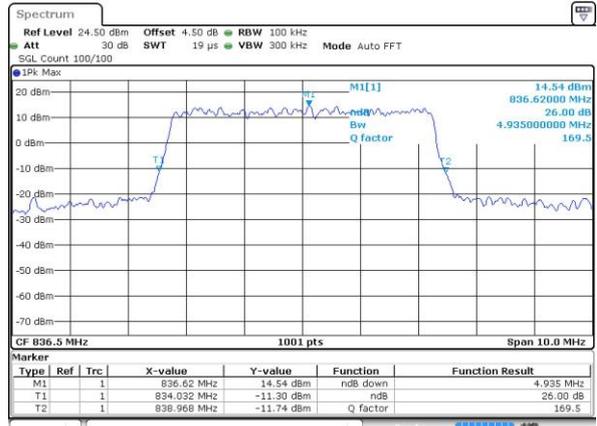
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Middle Channel / 5MHz / QPSK



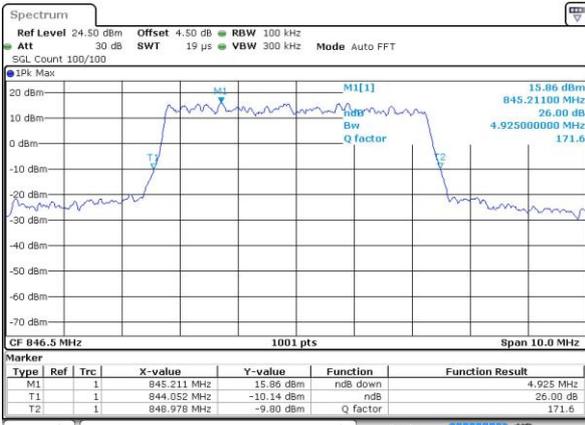
Date: 14 APR 2016 15:58:31

Middle Channel / 5MHz / 16QAM



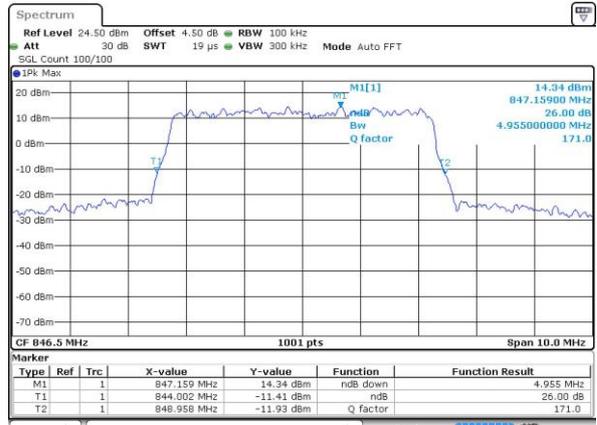
Date: 14 APR 2016 15:58:42

Highest Channel / 5MHz / QPSK



Date: 14 APR 2016 16:55:51

Highest Channel / 5MHz / 16QAM

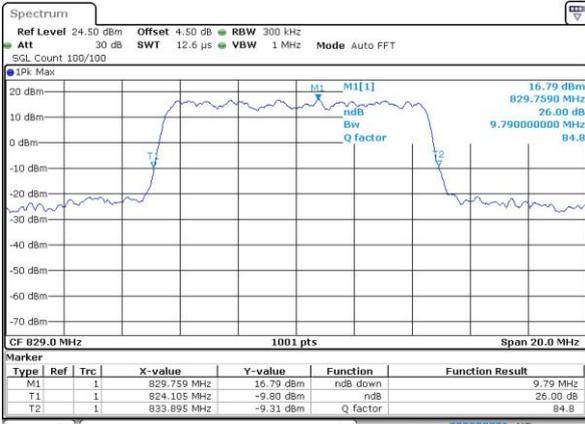


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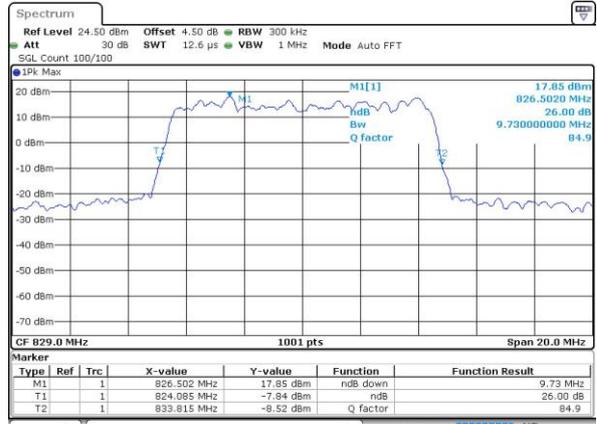
LTE Band 5

Lowest Channel / 10MHz / QPSK



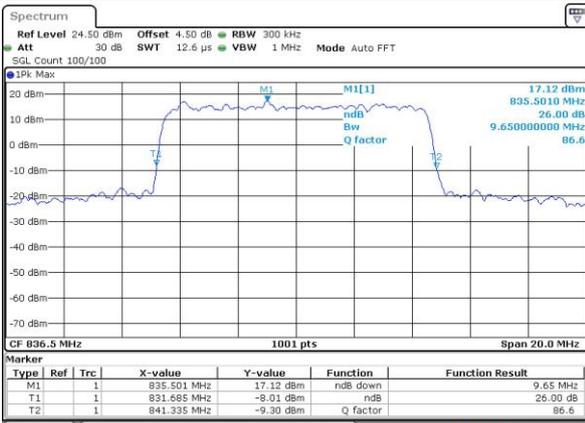
Date: 14 APR 2016 16:11:39

Lowest Channel / 10MHz / 16QAM



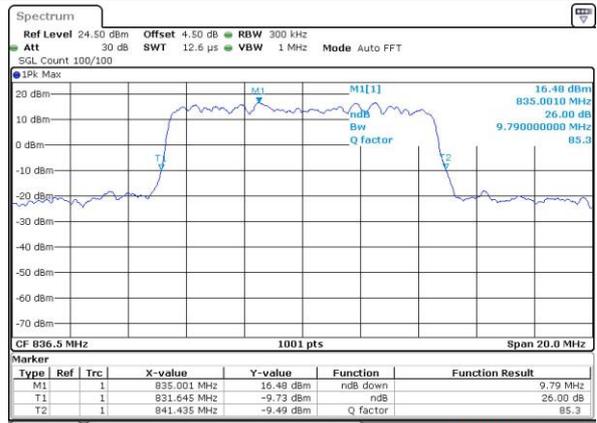
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Middle Channel / 10MHz / QPSK



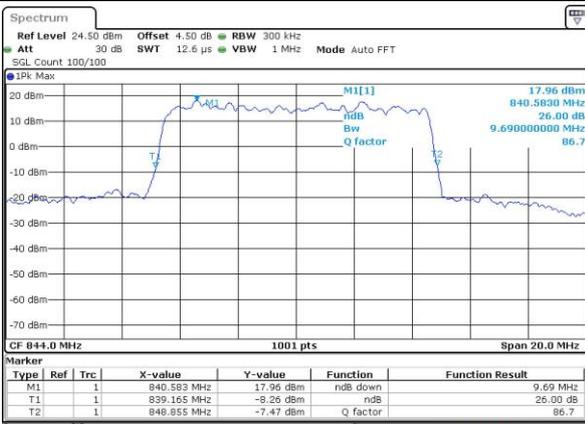
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Middle Channel / 10MHz / 16QAM



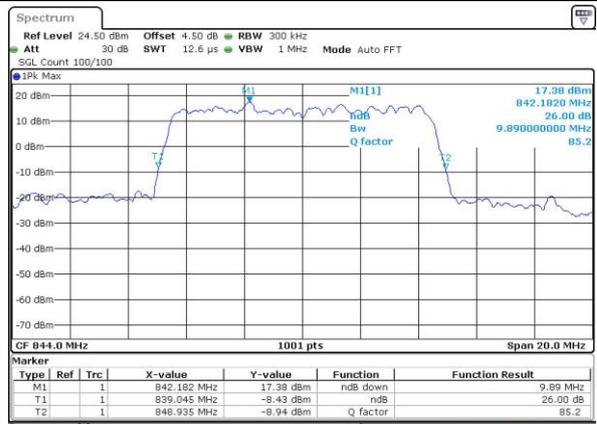
Date: 14 APR 2016 16:22:24

Highest Channel / 10MHz / QPSK



Date: 14 APR 2016 16:57:26

Highest Channel / 10MHz / 16QAM

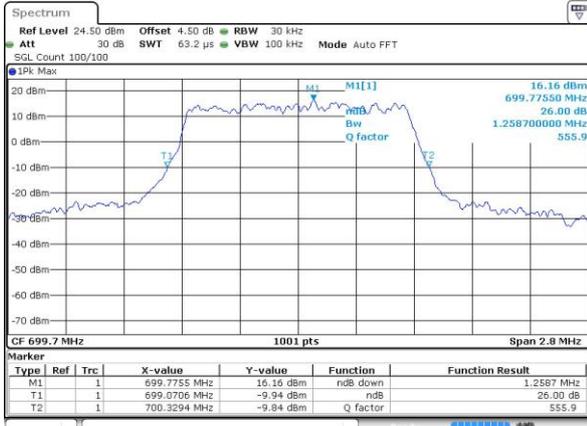


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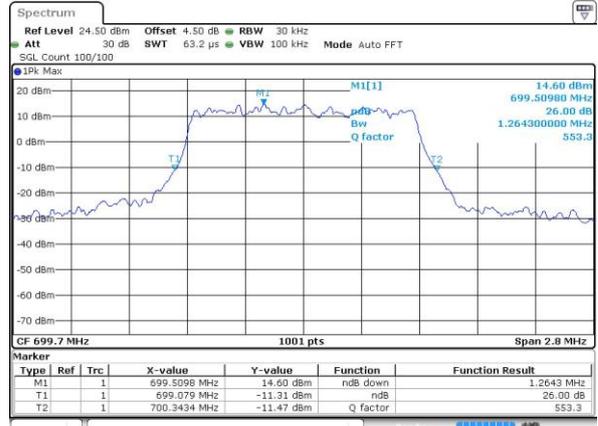
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



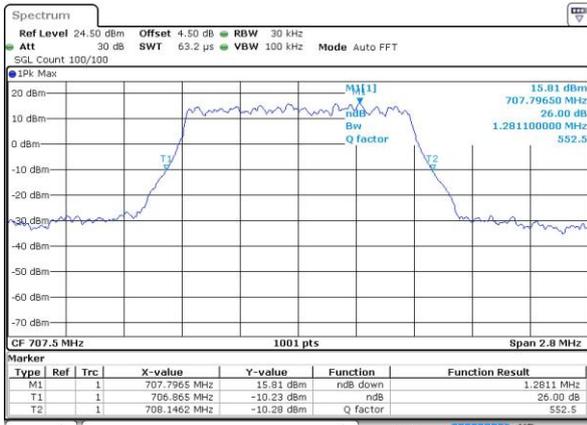
Date: 15 APR 2016 11:11:03

Lowest Channel / 1.4MHz / 16QAM



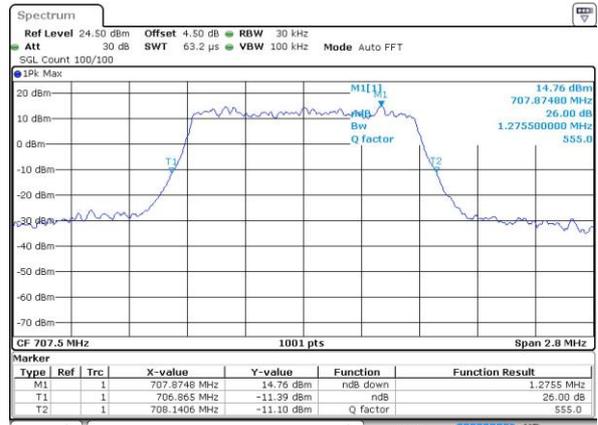
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Middle Channel / 1.4MHz / QPSK



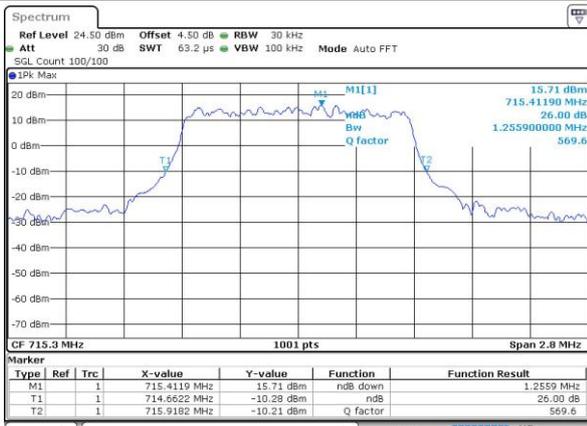
Date: 15 APR 2016 11:11:35

Middle Channel / 1.4MHz / 16QAM



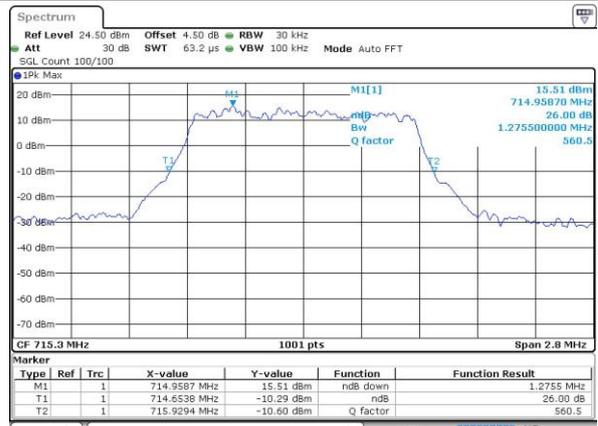
Date: 15 APR 2016 11:11:24

Highest Channel / 1.4MHz / QPSK



Date: 15 APR 2016 11:11:45

Highest Channel / 1.4MHz / 16QAM

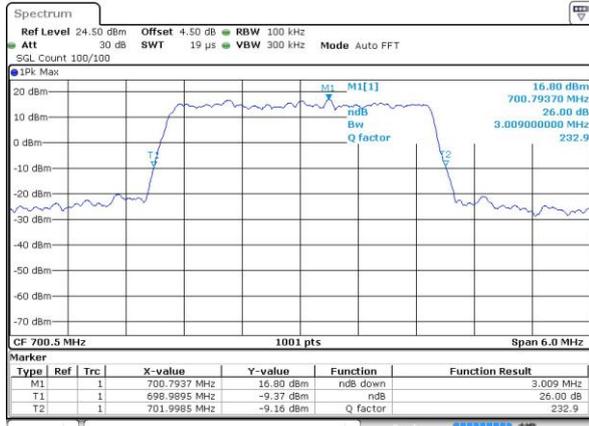


Date: 15 APR 2016 11:11:55



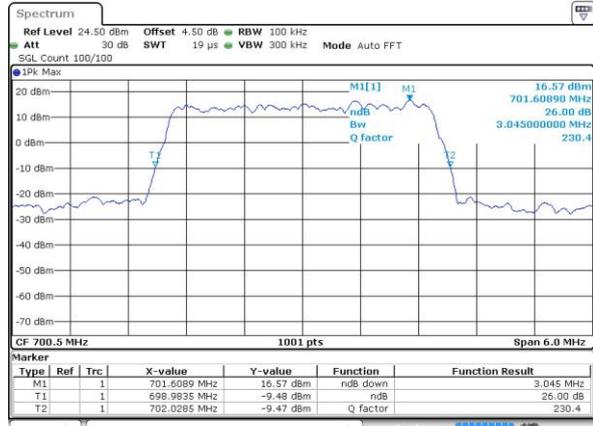
LTE Band 12

Lowest Channel / 3MHz / QPSK



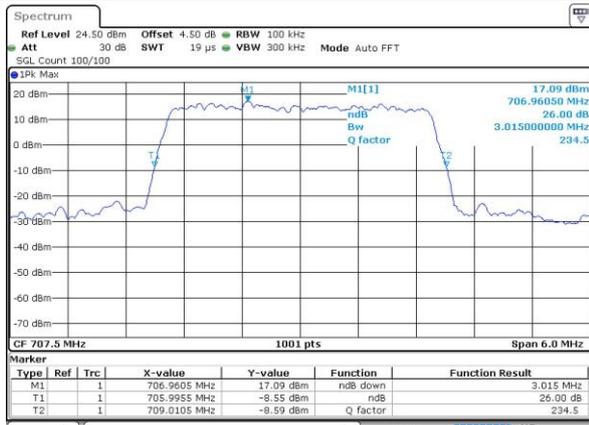
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Lowest Channel / 3MHz / 16QAM



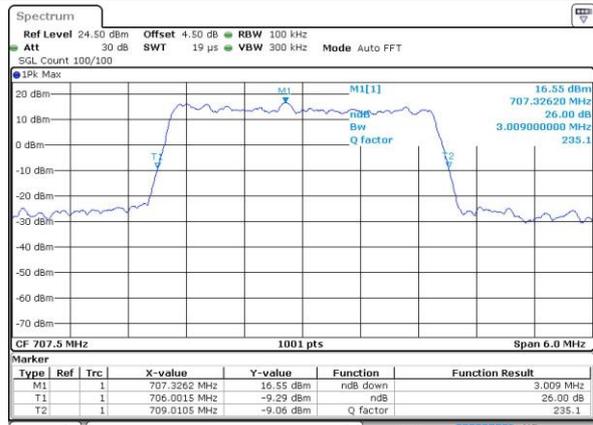
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Middle Channel / 3MHz / QPSK



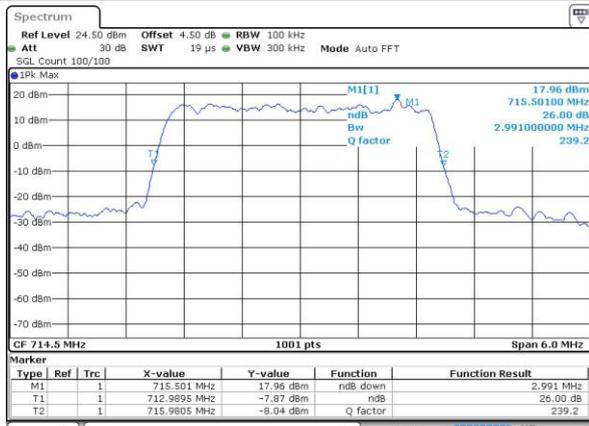
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Middle Channel / 3MHz / 16QAM



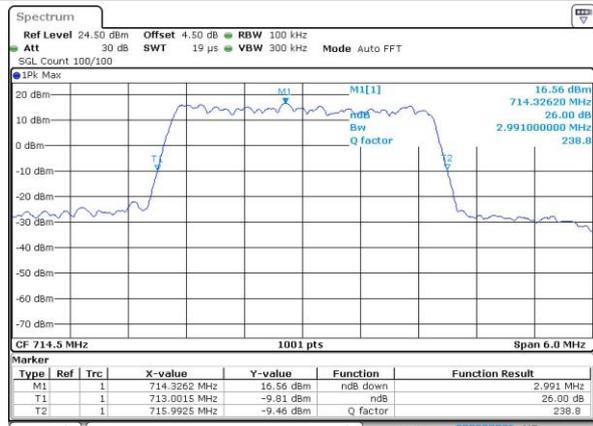
Date: 15 APR 2016 11:56:43

Highest Channel / 3MHz / QPSK



Date: 15 APR 2016 11:57:04

Highest Channel / 3MHz / 16QAM

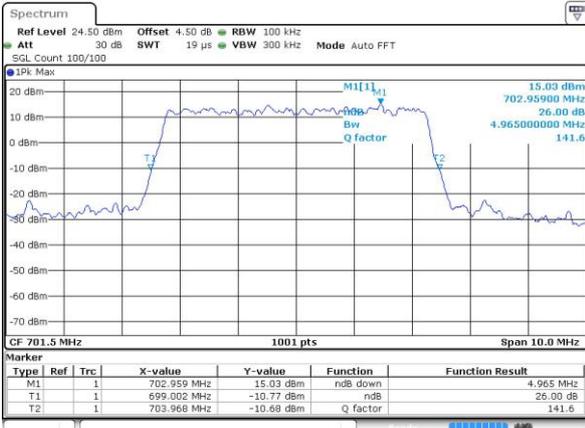


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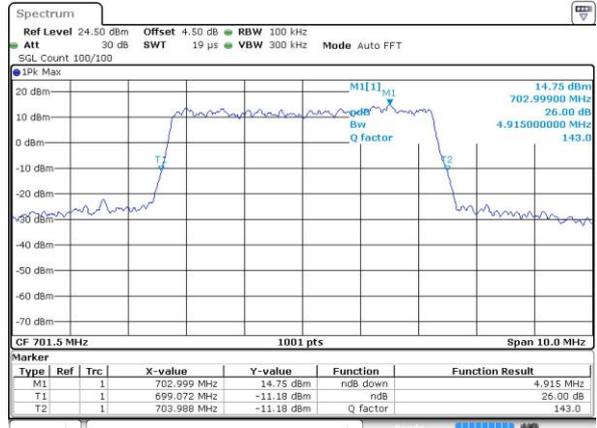
LTE Band 12

Lowest Channel / 5MHz / QPSK



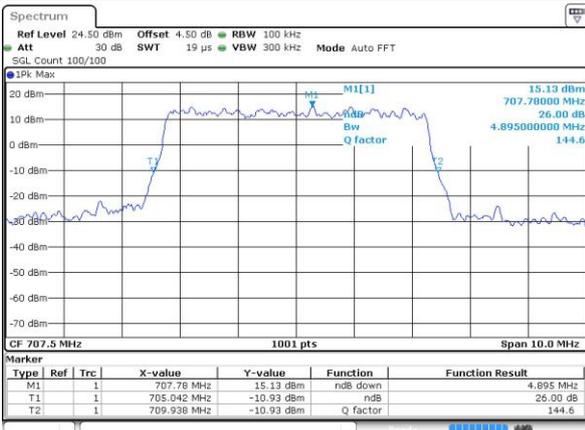
Date: 15 APR 2016 12:00:23

Lowest Channel / 5MHz / 16QAM



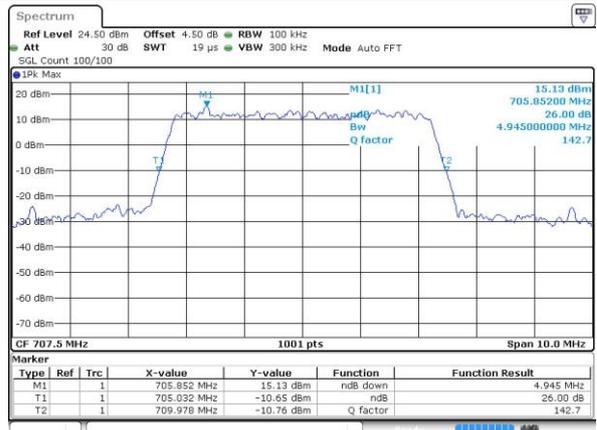
Date: 15 APR 2016 12:00:13

Middle Channel / 5MHz / QPSK



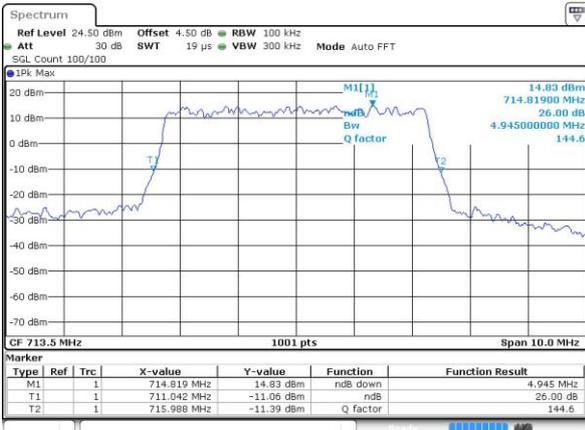
Date: 15 APR 2016 11:59:52

Middle Channel / 5MHz / 16QAM



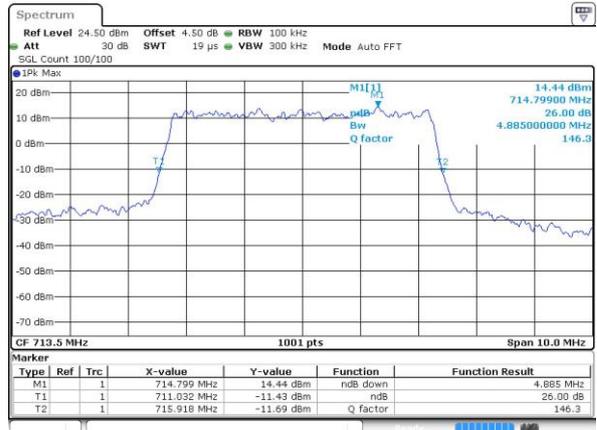
Date: 15 APR 2016 12:00:02

Highest Channel / 5MHz / QPSK



Date: 15 APR 2016 11:59:41

Highest Channel / 5MHz / 16QAM

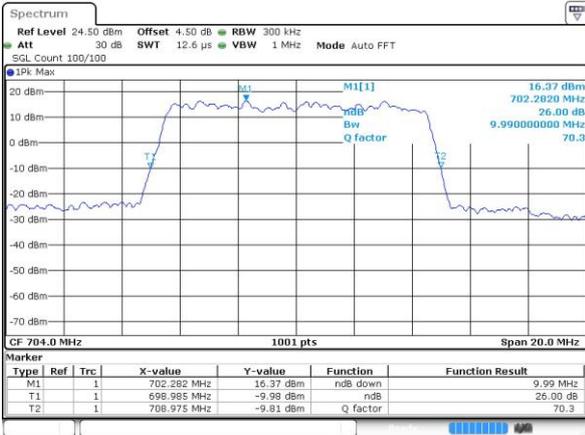


Date: 15 APR 2016 11:59:31



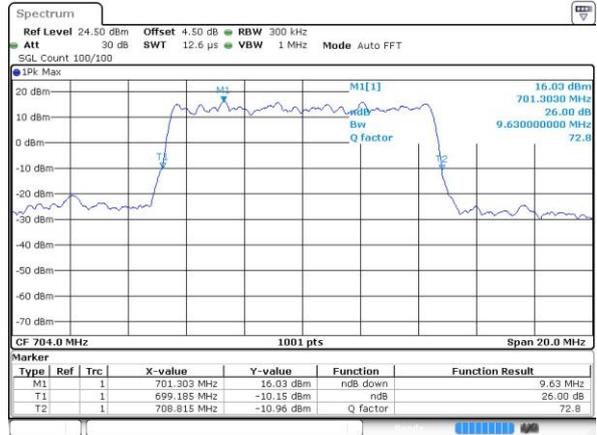
LTE Band 12

Lowest Channel / 10MHz / QPSK



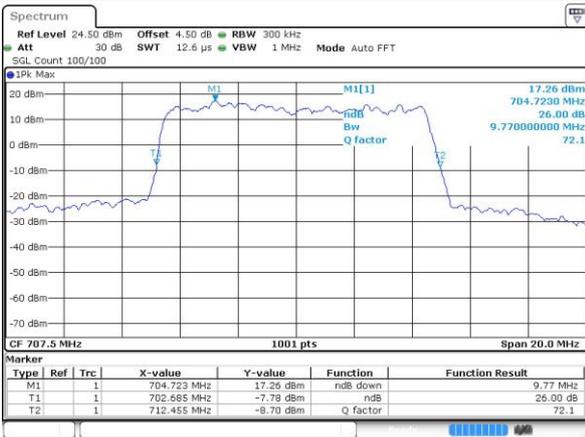
Date: 15 APR 2016 12:43:47

Lowest Channel / 10MHz / 16QAM



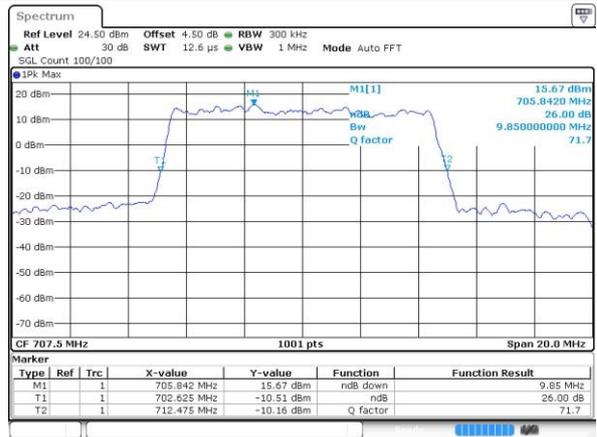
Date: 15 APR 2016 12:43:57

Middle Channel / 10MHz / QPSK



Date: 15 APR 2016 12:44:18

Middle Channel / 10MHz / 16QAM



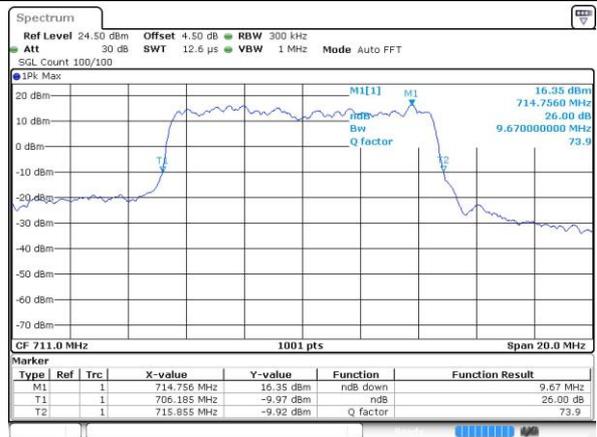
Date: 15 APR 2016 12:44:07

Highest Channel / 10MHz / QPSK



Date: 15 APR 2016 12:44:28

Highest Channel / 10MHz / 16QAM



Date: 15 APR 2016 13:50:26



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	1.09	2.72	2.72	4.5	4.5	9.09	9.05	13.49	13.46	18.34	18.3
Middle CH	1.09	1.09	2.7	2.7	4.5	4.49	8.97	9.01	13.4	13.43	18.46	18.14
Highest CH	1.09	1.09	2.73	2.71	4.5	4.5	9.01	9.07	13.43	13.43	18.42	18.22

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	1.09	1.1	2.72	2.72	4.52	4.51	9.01	9.05	13.43	13.43	18.38	18.26
Middle CH	1.09	1.09	2.70	2.70	4.51	4.5	9.03	9.05	13.49	13.46	18.46	18.26
Highest CH	1.09	1.1	2.72	2.73	4.51	4.49	9.01	9.01	13.46	13.43	18.38	18.38

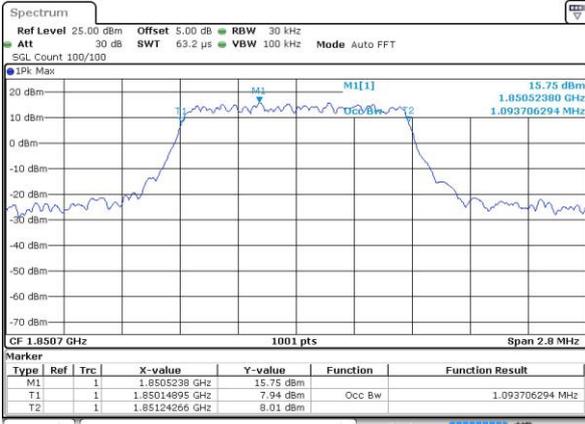
Mode	LTE Band 5 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.09	2.7	2.75	4.5	4.49	9.07	8.99	-	-	-	-
Middle CH	1.1	1.09	2.73	2.73	4.47	4.51	9.01	9.05	-	-	-	-
Highest CH	1.09	1.1	2.73	2.72	4.5	4.5	9.01	9.01	-	-	-	-

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	1.09	1.1	2.72	2.72	4.51	4.5	9.03	9.01	-	-	-	-
Middle CH	1.09	1.09	2.71	2.74	4.49	4.5	8.97	9.07	-	-	-	-
Highest CH	1.1	1.09	2.72	2.72	4.5	4.49	9.15	8.99	-	-	-	-



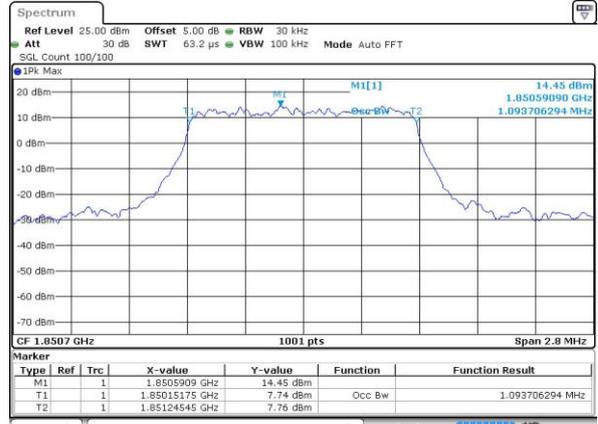
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



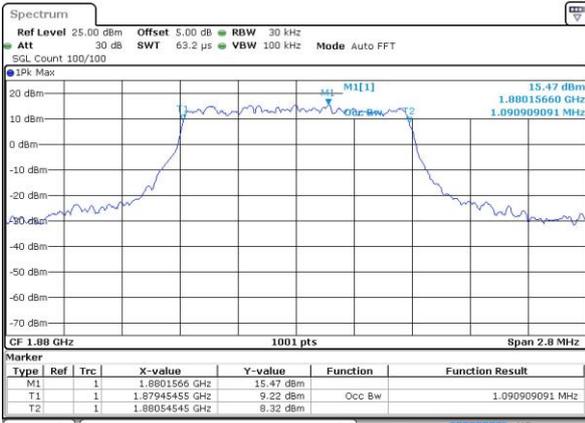
Date: 13 APR 2016 11:15:09

Lowest Channel / 1.4MHz / 16QAM



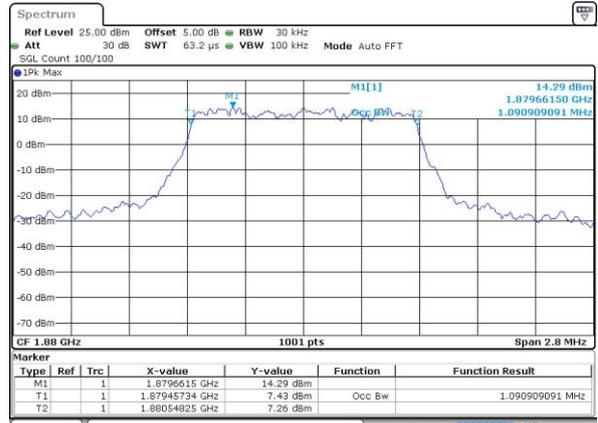
Date: 13 APR 2016 11:15:20

Middle Channel / 1.4MHz / QPSK



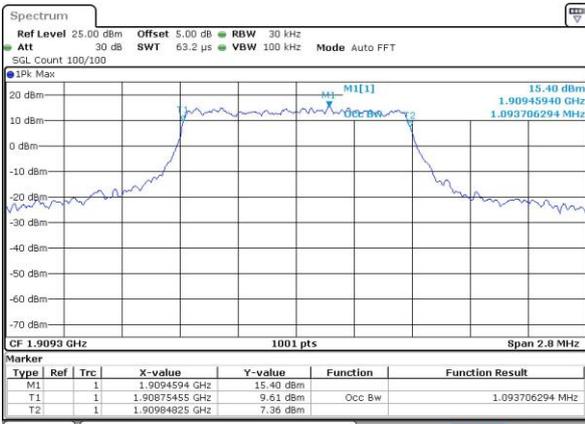
Date: 13 APR 2016 11:22:15

Middle Channel / 1.4MHz / 16QAM



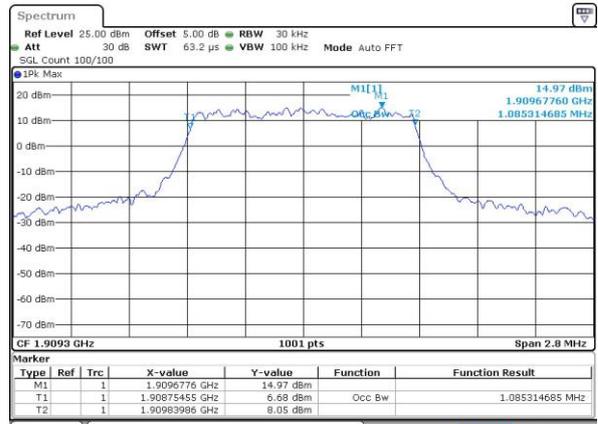
Date: 13 APR 2016 11:22:26

Highest Channel / 1.4MHz / QPSK



Date: 13 APR 2016 11:24:48

Highest Channel / 1.4MHz / 16QAM

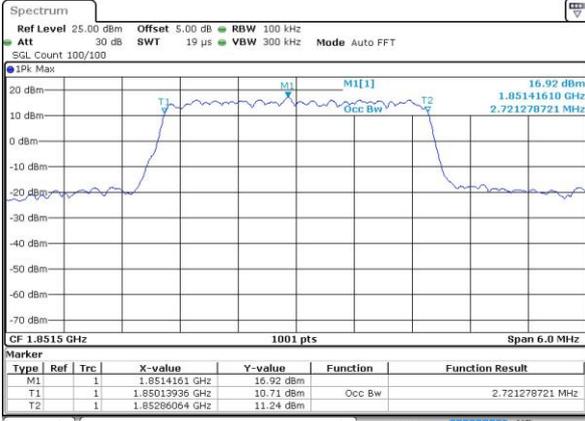


Date: 13 APR 2016 11:24:59



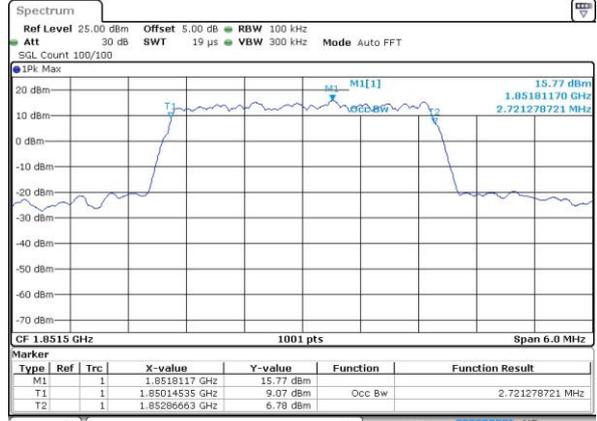
LTE Band 2

Lowest Channel / 3MHz / QPSK



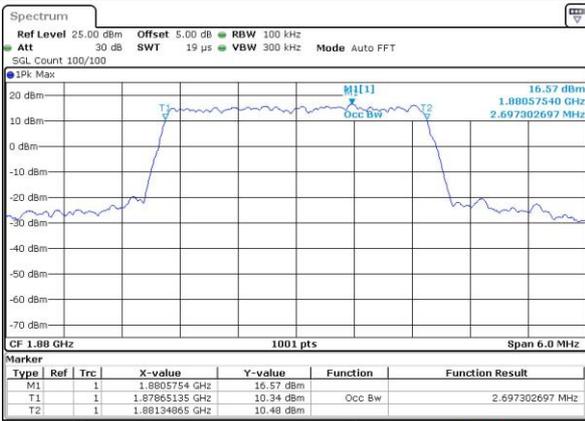
Date: 13 APR 2016 11:31:53

Lowest Channel / 3MHz / 16QAM



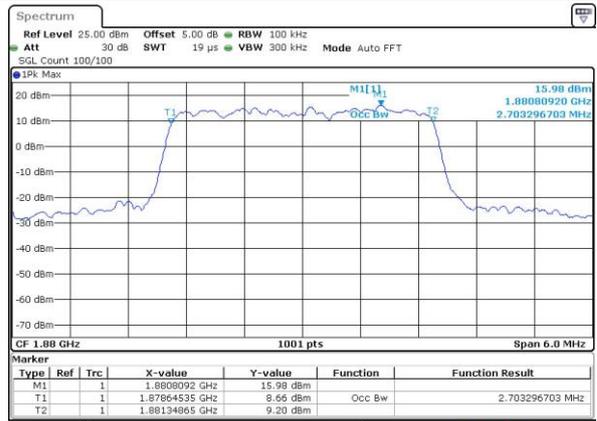
Date: 13 APR 2016 11:32:03

Middle Channel / 3MHz / QPSK



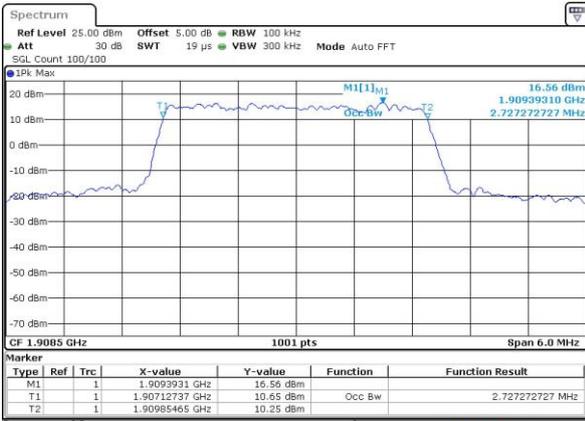
Date: 13 APR 2016 11:38:57

Middle Channel / 3MHz / 16QAM



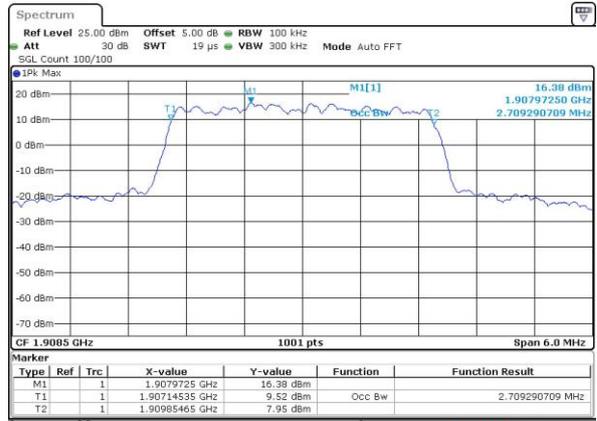
Date: 13 APR 2016 11:39:08

Highest Channel / 3MHz / QPSK



Date: 13 APR 2016 11:41:30

Highest Channel / 3MHz / 16QAM

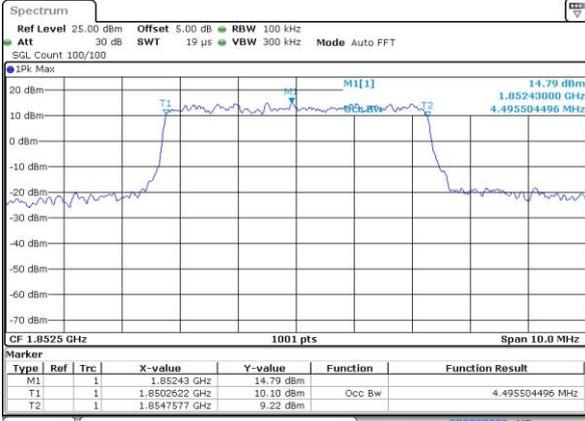


Date: 13 APR 2016 11:41:41



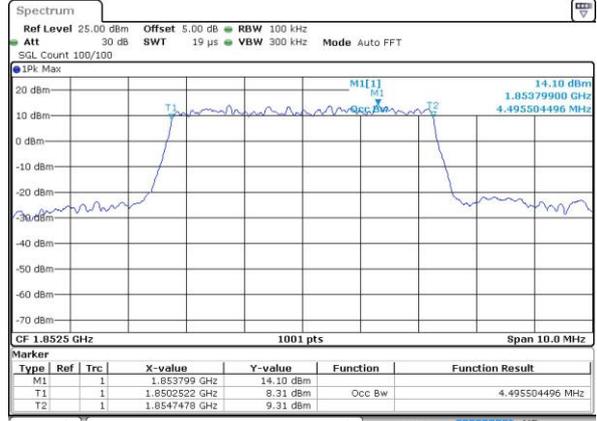
LTE Band 2

Lowest Channel / 5MHz / QPSK



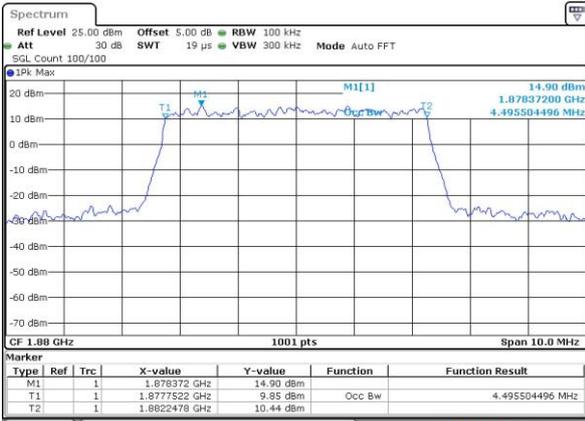
Date: 13 APR 2016 11:48:35

Lowest Channel / 5MHz / 16QAM



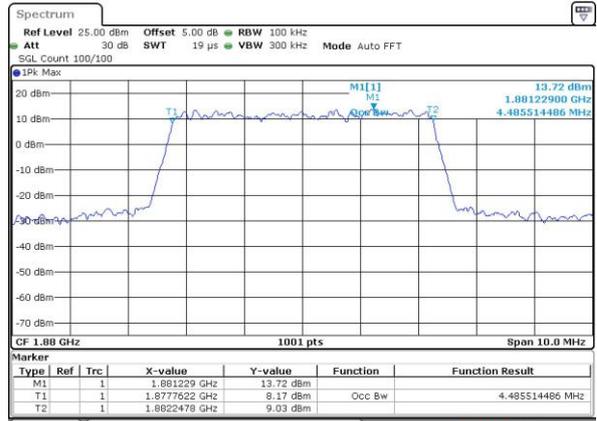
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Middle Channel / 5MHz / QPSK



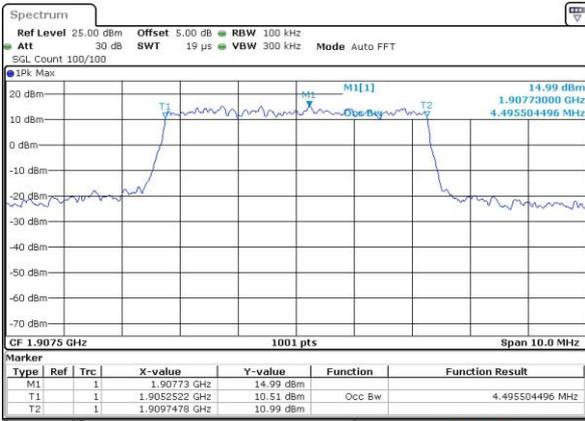
Date: 13 APR 2016 11:55:39

Middle Channel / 5MHz / 16QAM



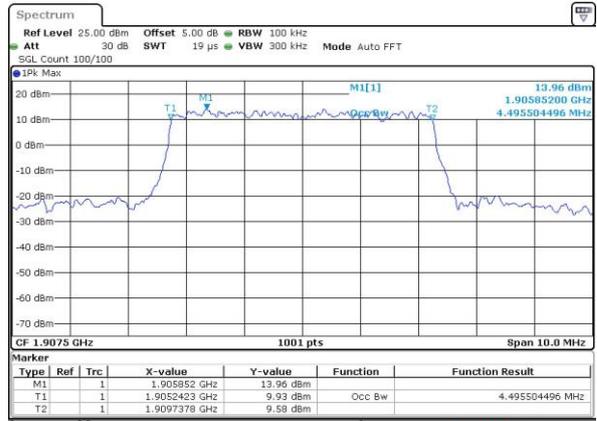
Date: 13 APR 2016 11:55:50

Highest Channel / 5MHz / QPSK



Date: 13 APR 2016 11:58:12

Highest Channel / 5MHz / 16QAM



Date: 13 APR 2016 11:58:23