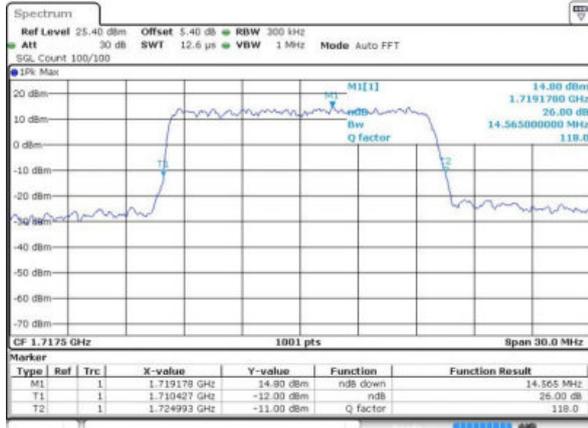




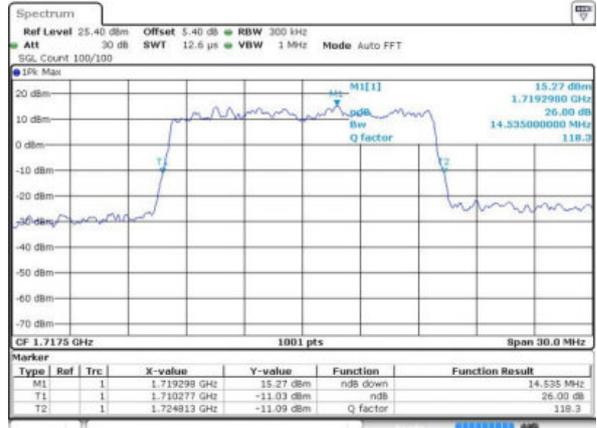
LTE Band 4

Lowest Channel / 15MHz / QPSK



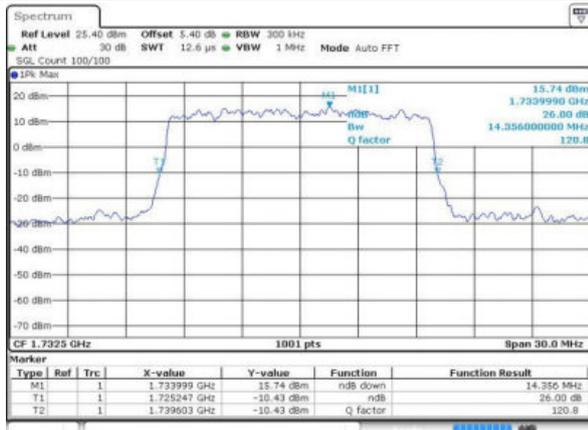
Date: 15 SEP 2016 14:51:01

Lowest Channel / 15MHz / 16QAM



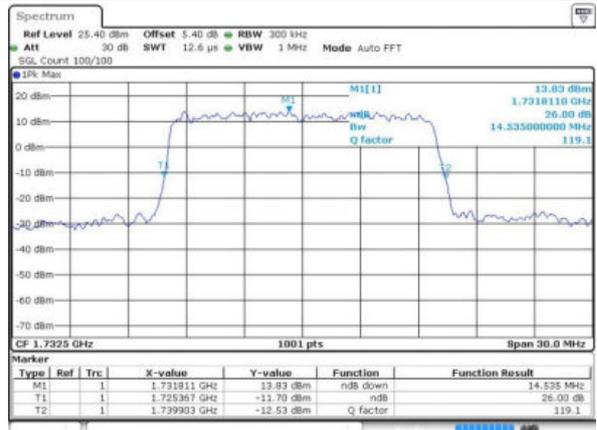
Date: 15 SEP 2016 14:51:11

Middle Channel / 15MHz / QPSK



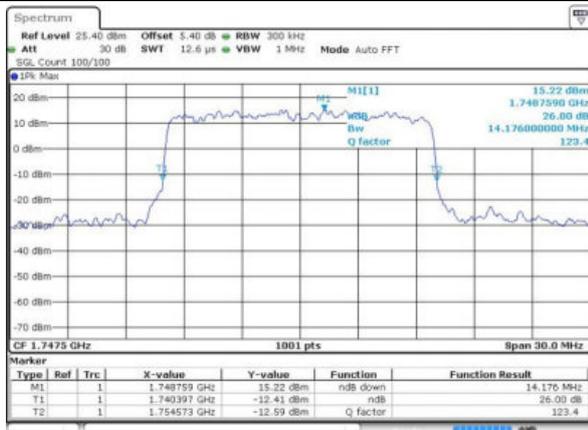
Date: 15 SEP 2016 14:58:07

Middle Channel / 15MHz / 16QAM



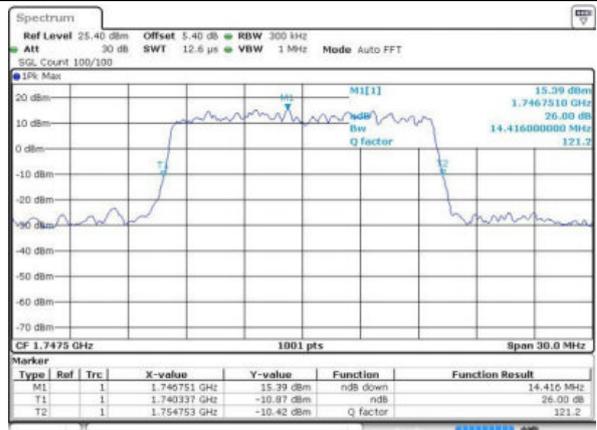
Date: 15 SEP 2016 14:58:17

Highest Channel / 15MHz / QPSK



Date: 15 SEP 2016 15:00:40

Highest Channel / 15MHz / 16QAM

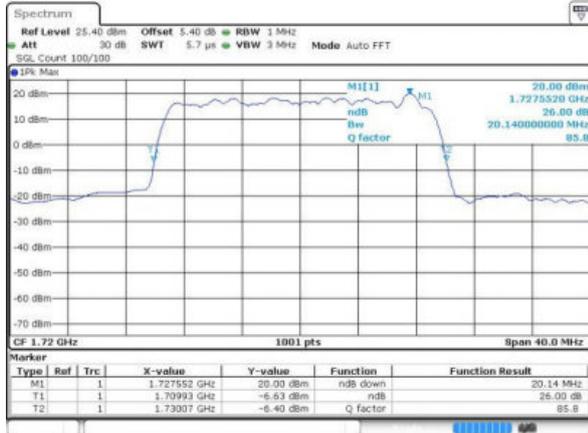


Date: 15 SEP 2016 15:00:51

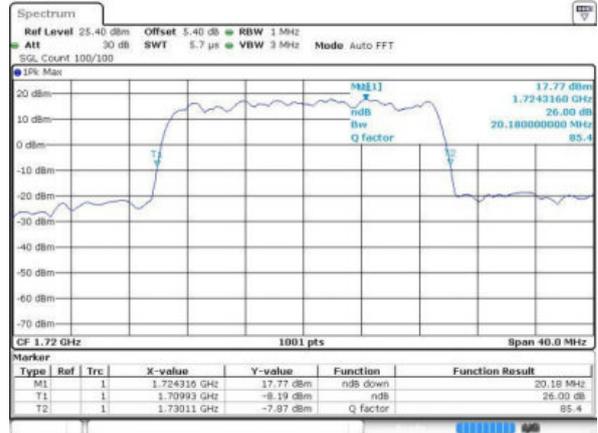


LTE Band 4

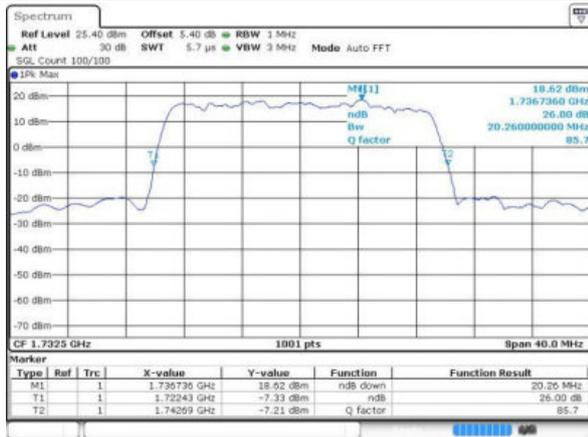
Lowest Channel / 20MHz / QPSK



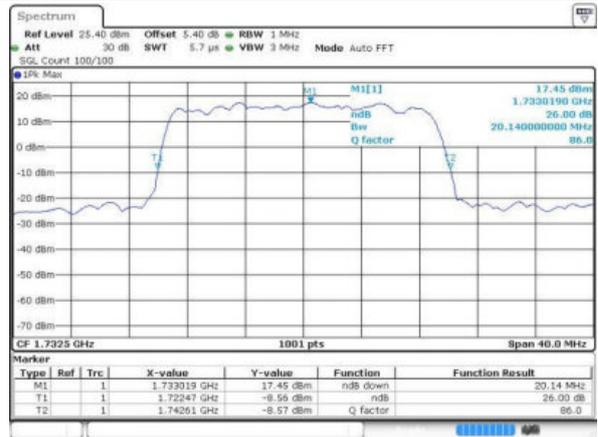
Lowest Channel / 20MHz / 16QAM



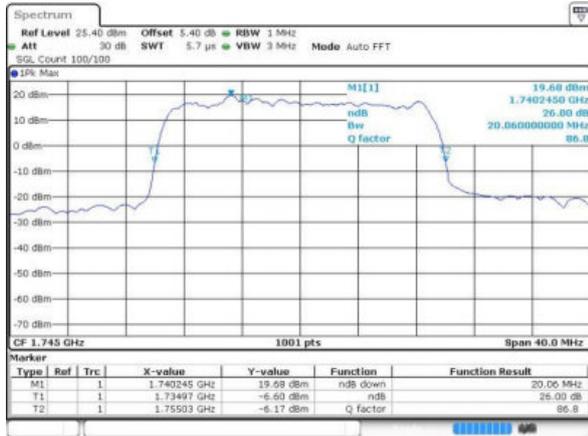
Middle Channel / 20MHz / QPSK



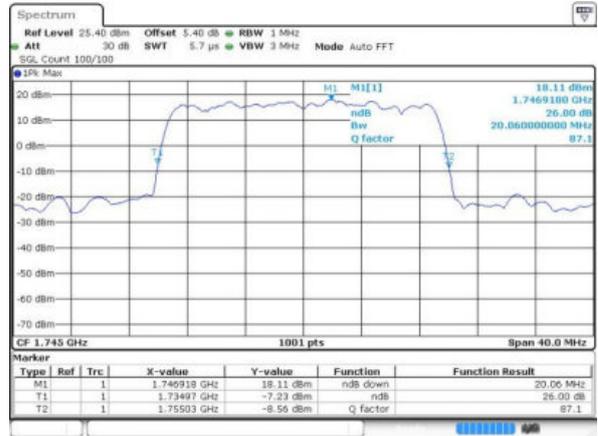
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



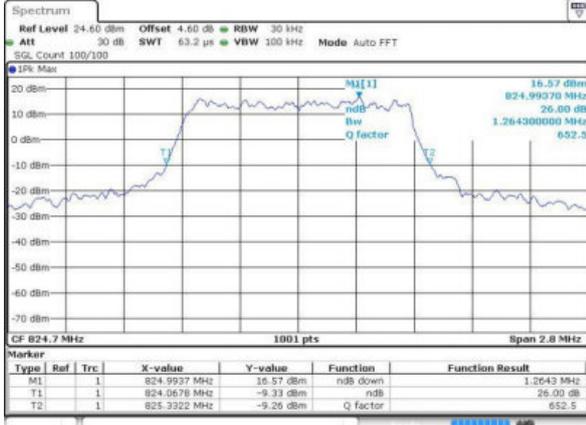
Highest Channel / 20MHz / 16QAM





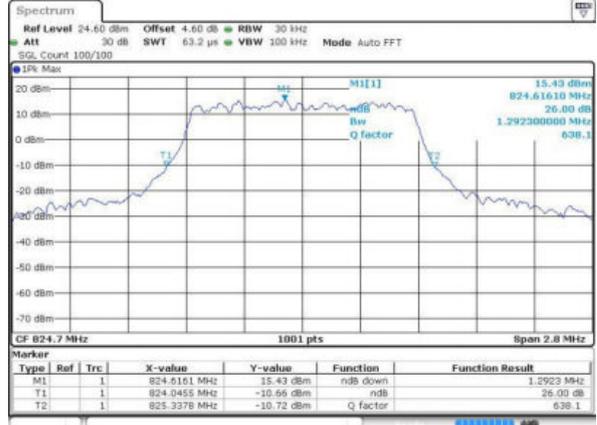
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



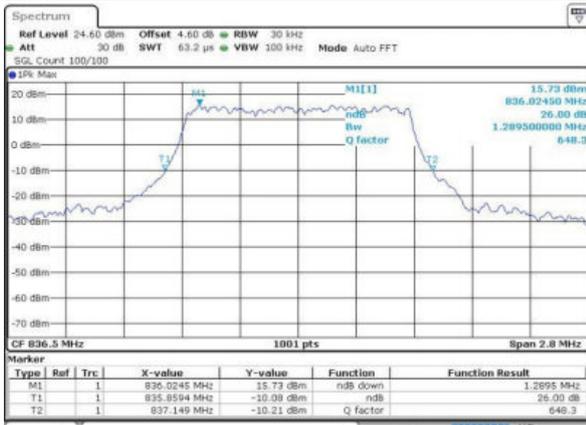
Date: 15 SEP 2016 15:39:51

Lowest Channel / 1.4MHz / 16QAM



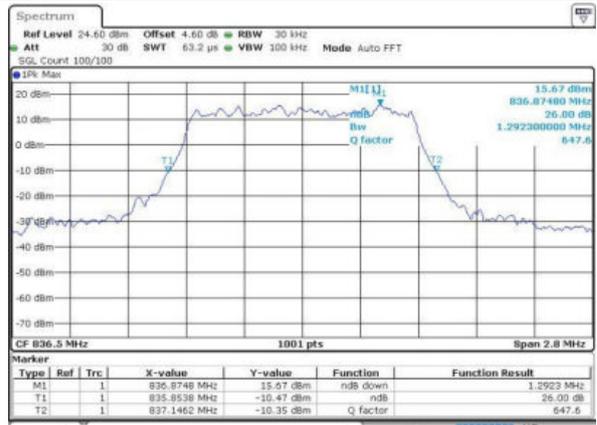
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Middle Channel / 1.4MHz / QPSK



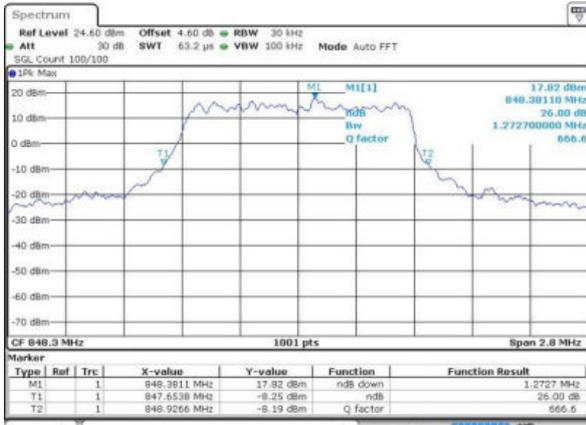
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Middle Channel / 1.4MHz / 16QAM



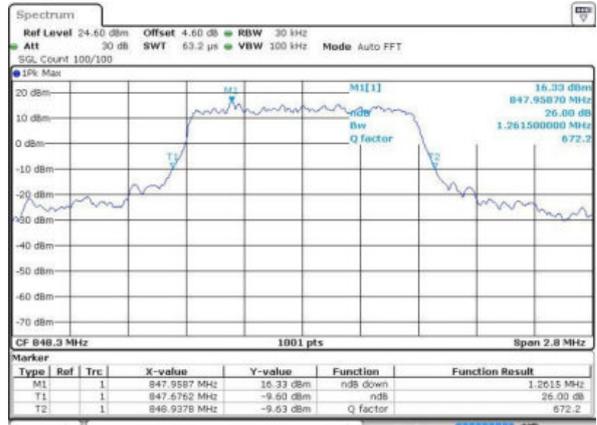
Date: 15 SEP 2016 15:57:47

Highest Channel / 1.4MHz / QPSK



Date: 15 SEP 2016 16:00:08

Highest Channel / 1.4MHz / 16QAM

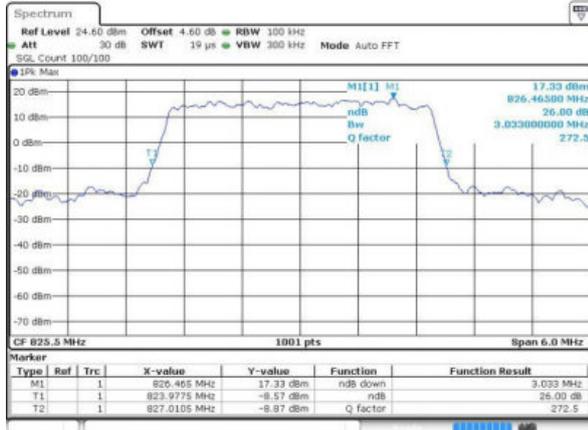


Date: 15 SEP 2016 16:00:19



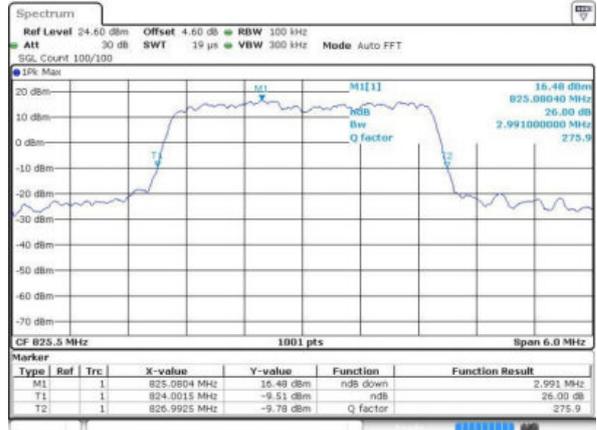
LTE Band 5

Lowest Channel / 3MHz / QPSK



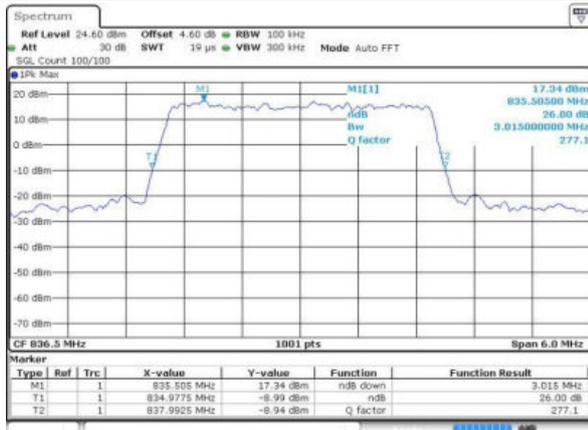
Date: 15. SEP 2016 16:09:12

Lowest Channel / 3MHz / 16QAM



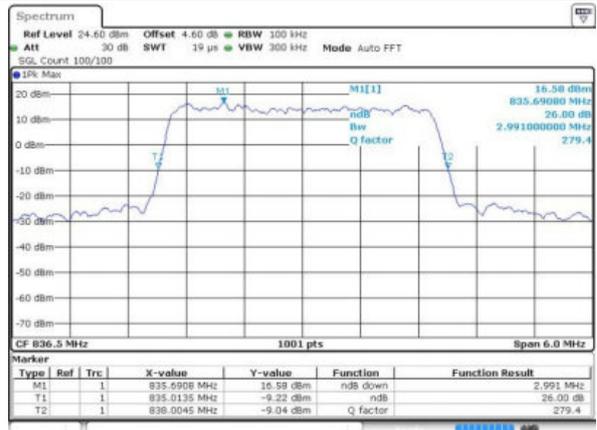
Date: 15. SEP 2016 16:09:23

Middle Channel / 3MHz / QPSK



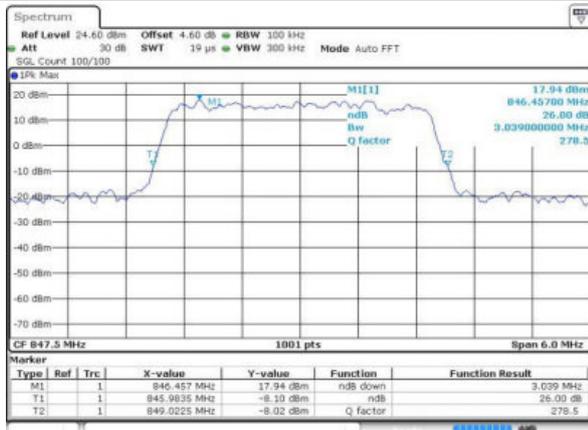
Date: 15. SEP 2016 16:18:17

Middle Channel / 3MHz / 16QAM



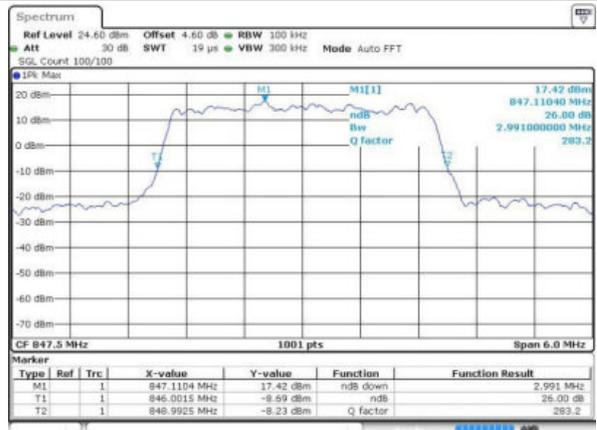
Date: 15. SEP 2016 16:18:28

Highest Channel / 3MHz / QPSK



Date: 15. SEP 2016 16:20:50

Highest Channel / 3MHz / 16QAM

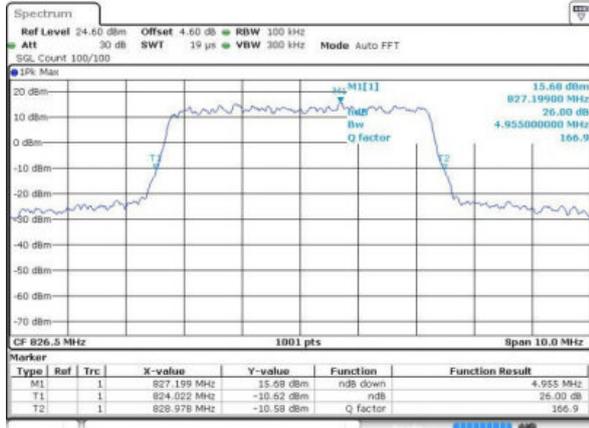


Date: 15. SEP 2016 16:21:00



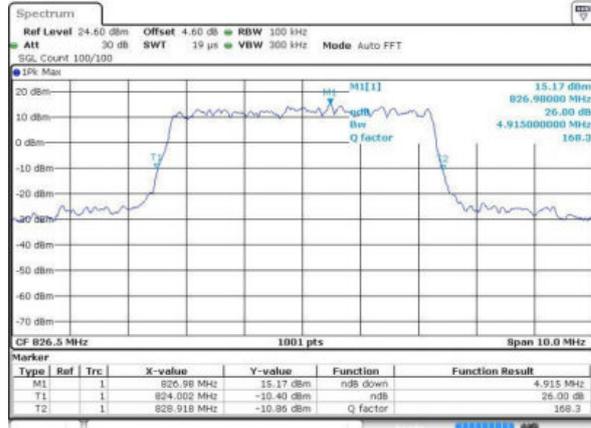
LTE Band 5

Lowest Channel / 5MHz / QPSK



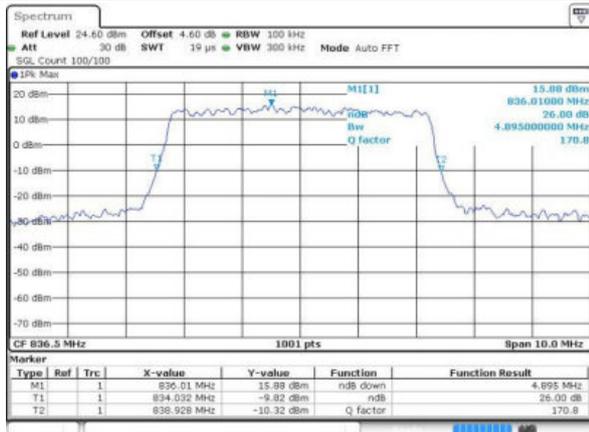
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Lowest Channel / 5MHz / 16QAM



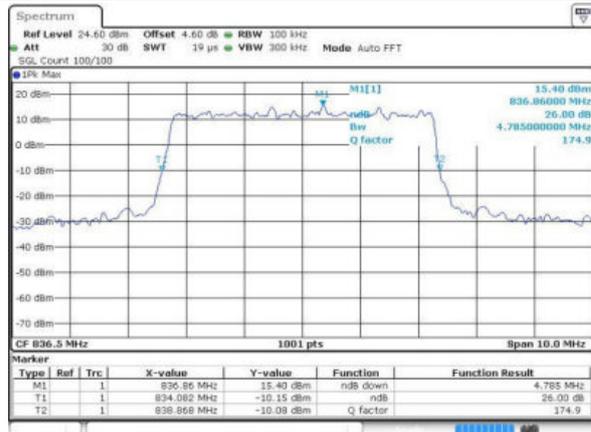
Date: 15 SEP 2016 16:30:05

Middle Channel / 5MHz / QPSK



Date: 15 SEP 2016 16:39:00

Middle Channel / 5MHz / 16QAM



Date: 15 SEP 2016 16:39:10

Highest Channel / 5MHz / QPSK



Date: 15 SEP 2016 16:41:32

Highest Channel / 5MHz / 16QAM

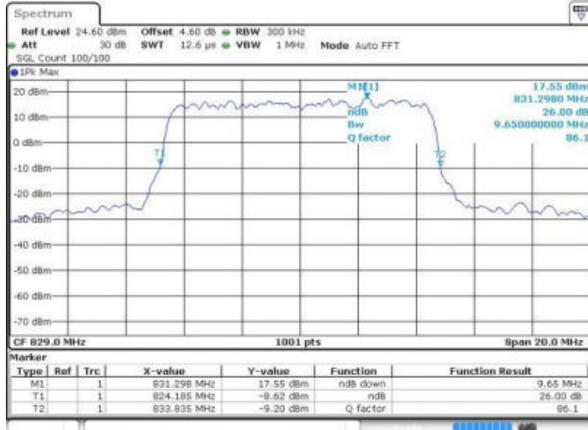


Date: 15 SEP 2016 16:41:42



LTE Band 5

Lowest Channel / 10MHz / QPSK



Date: 15, SEP 2016 16:50:37

Lowest Channel / 10MHz / 16QAM



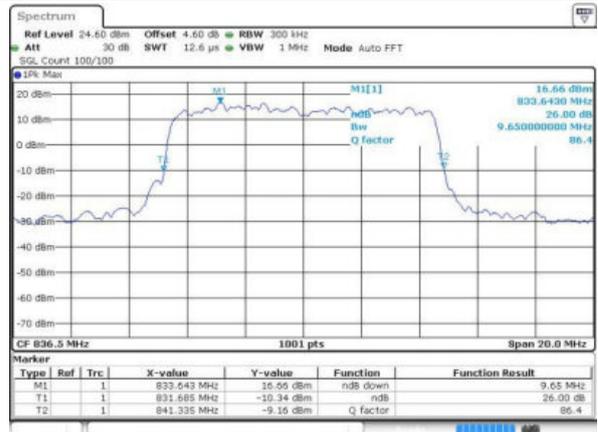
Date: 15, SEP 2016 16:50:47

Middle Channel / 10MHz / QPSK



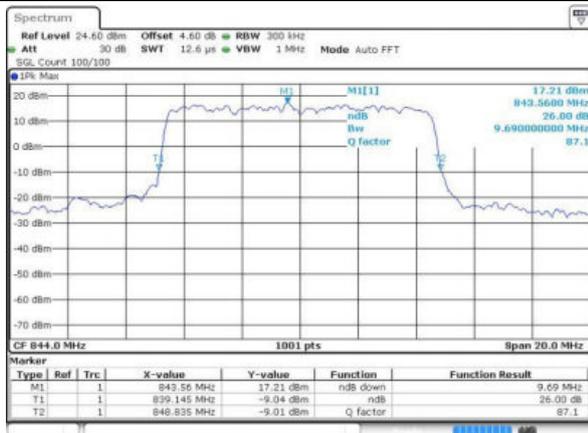
Date: 15, SEP 2016 16:59:42

Middle Channel / 10MHz / 16QAM



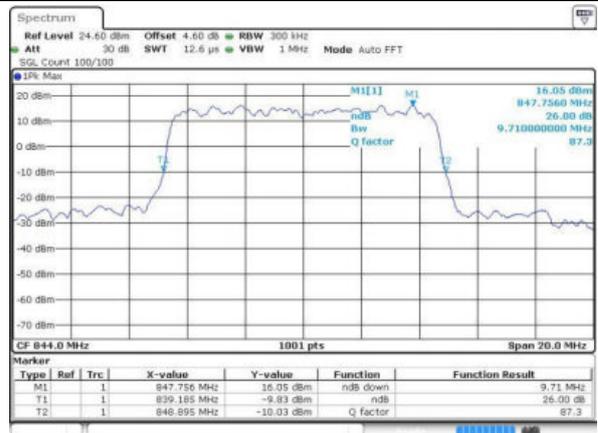
Date: 15, SEP 2016 16:59:52

Highest Channel / 10MHz / QPSK



Date: 15, SEP 2016 17:02:14

Highest Channel / 10MHz / 16QAM

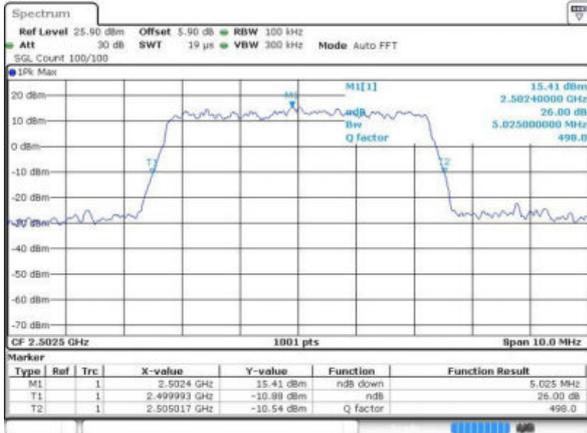


Date: 15, SEP 2016 17:02:25



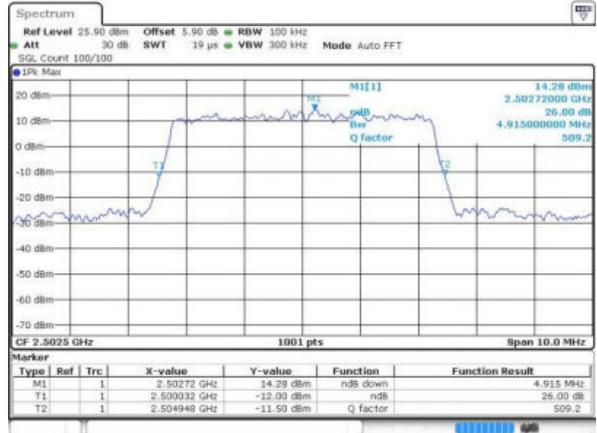
LTE Band 7

Lowest Channel / 5MHz / QPSK



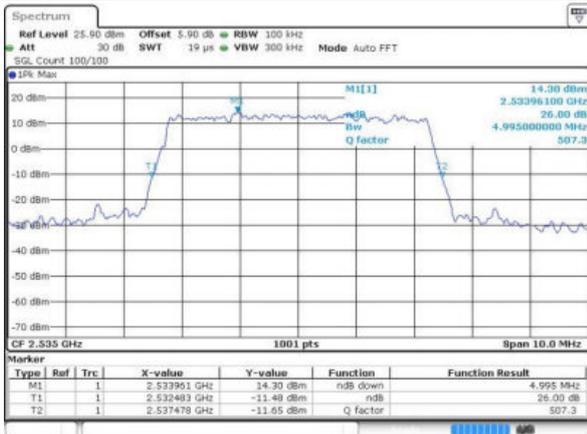
Date: 15, SEP 2016 19:25:49

Lowest Channel / 5MHz / 16QAM



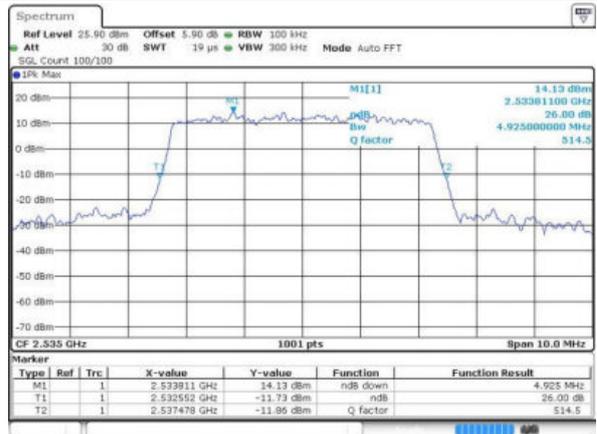
Date: 15, SEP 2016 19:26:10

Middle Channel / 5MHz / QPSK



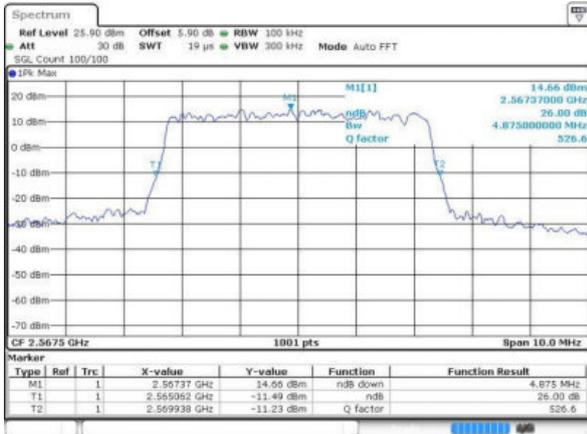
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Middle Channel / 5MHz / 16QAM



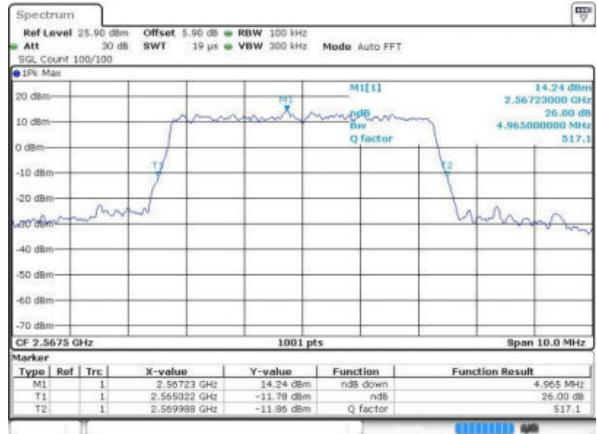
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Highest Channel / 5MHz / QPSK



Date: 15, SEP 2016 19:27:13

Highest Channel / 5MHz / 16QAM

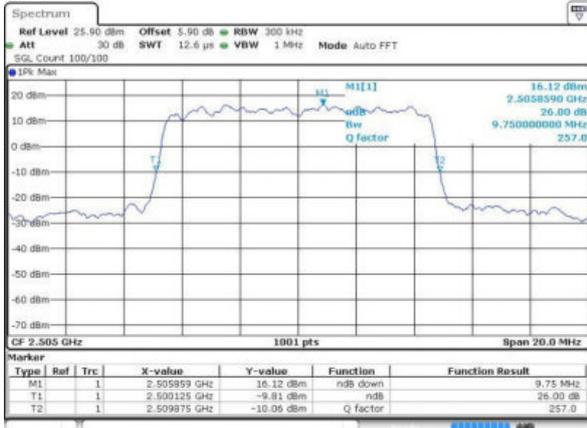


Date: 15, SEP 2016 19:27:35



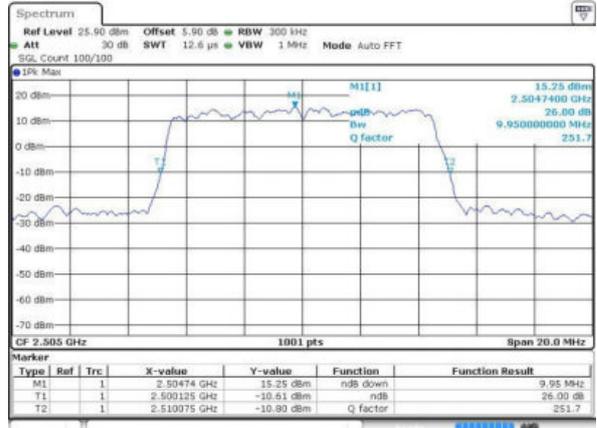
LTE Band 7

Lowest Channel / 10MHz / QPSK



Date: 15 SEP 2016 19:42:33

Lowest Channel / 10MHz / 16QAM



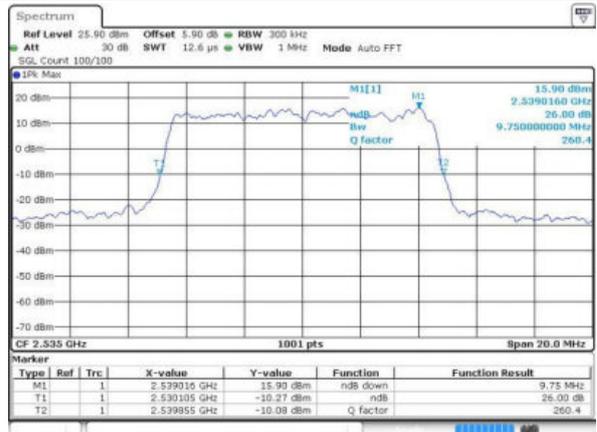
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Middle Channel / 10MHz / QPSK



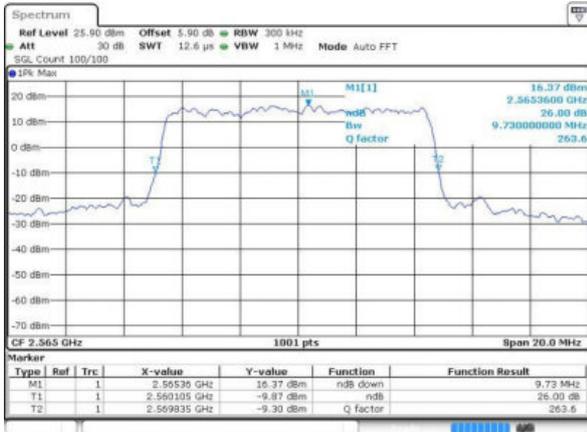
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Middle Channel / 10MHz / 16QAM



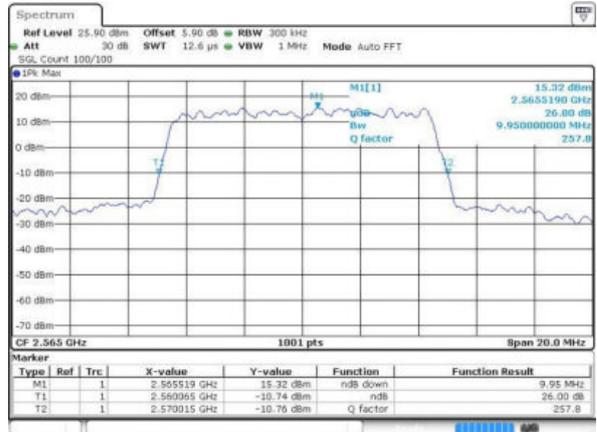
Date: 15 SEP 2016 19:43:16

Highest Channel / 10MHz / QPSK



Date: 15 SEP 2016 19:43:58

Highest Channel / 10MHz / 16QAM

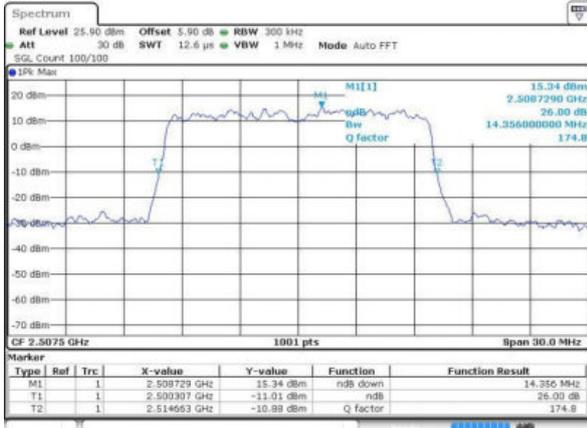


Date: 15 SEP 2016 19:44:19



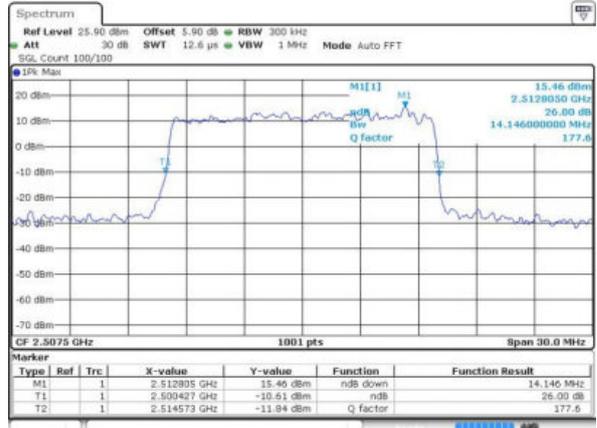
LTE Band 7

Lowest Channel / 15MHz / QPSK



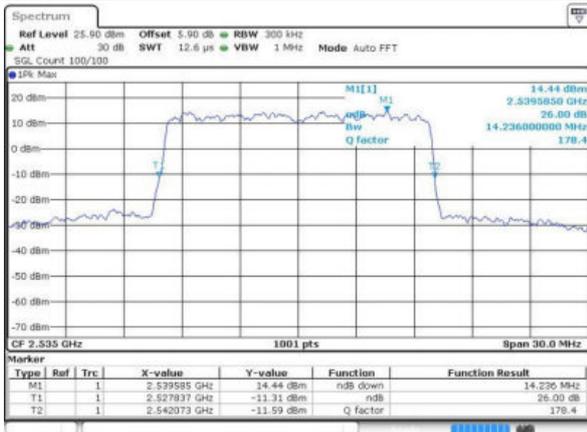
Date: 15 SEP 2016 19:59:39

Lowest Channel / 15MHz / 16QAM



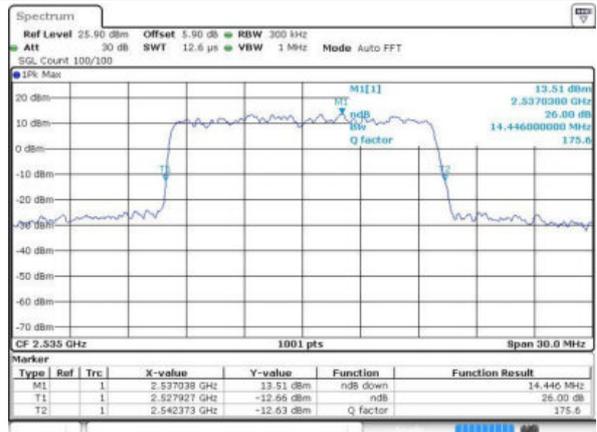
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Middle Channel / 15MHz / QPSK



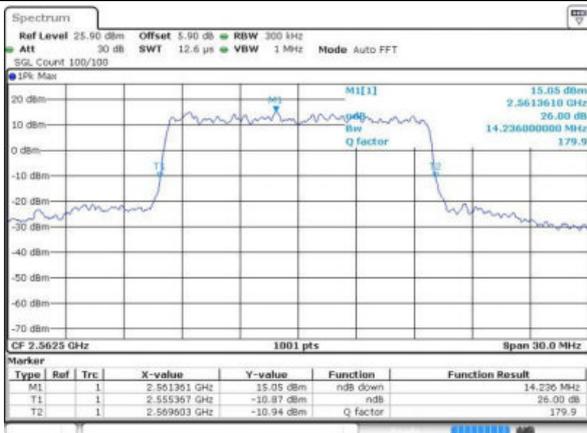
Date: 15 SEP 2016 20:00:00

Middle Channel / 15MHz / 16QAM



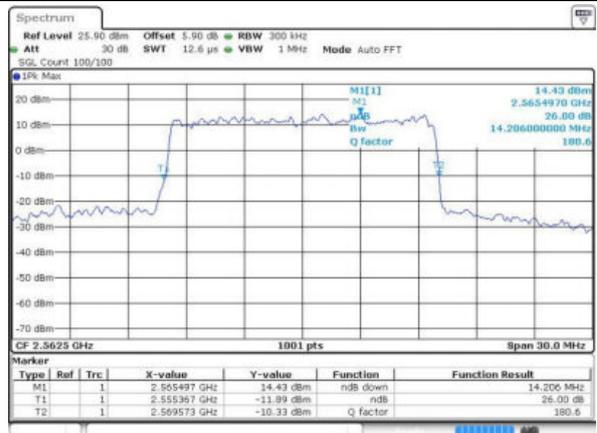
Date: 15 SEP 2016 20:00:21

Highest Channel / 15MHz / QPSK



Date: 15 SEP 2016 20:01:03

Highest Channel / 15MHz / 16QAM

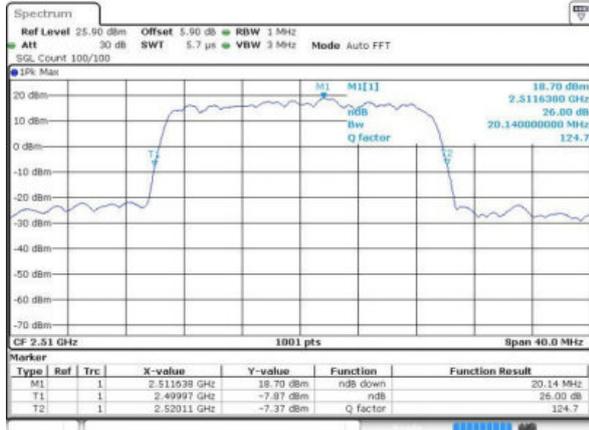


Date: 15 SEP 2016 20:00:42



LTE Band 7

Lowest Channel / 20MHz / QPSK



Date: 15 SEP 2016 20:16:22

Lowest Channel / 20MHz / 16QAM



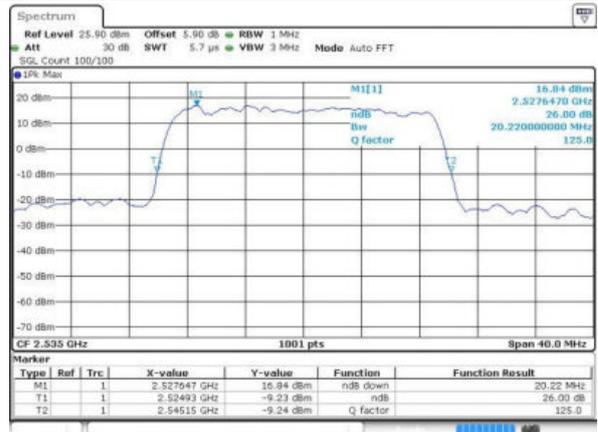
Date: 15 SEP 2016 20:16:01

Middle Channel / 20MHz / QPSK



Date: 15 SEP 2016 20:16:43

Middle Channel / 20MHz / 16QAM



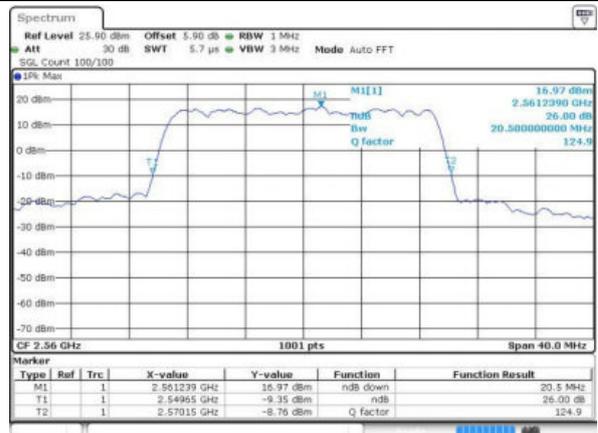
Date: 15 SEP 2016 20:17:04

Highest Channel / 20MHz / QPSK



Date: 15 SEP 2016 20:17:47

Highest Channel / 20MHz / 16QAM

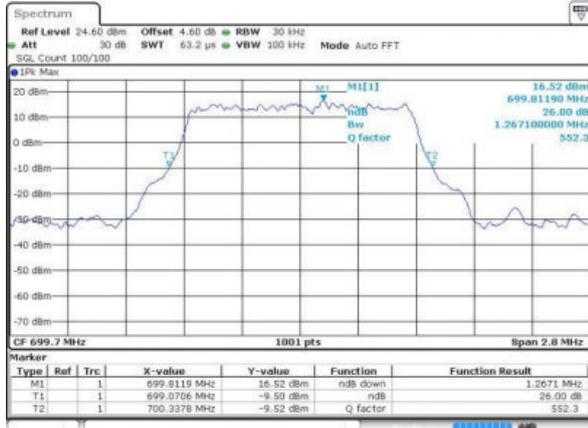


Date: 15 SEP 2016 20:17:26



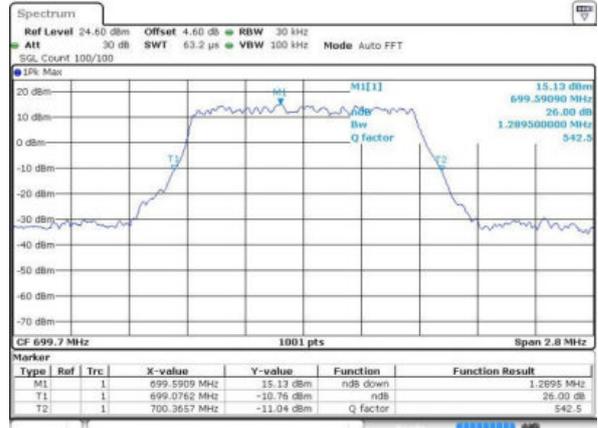
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



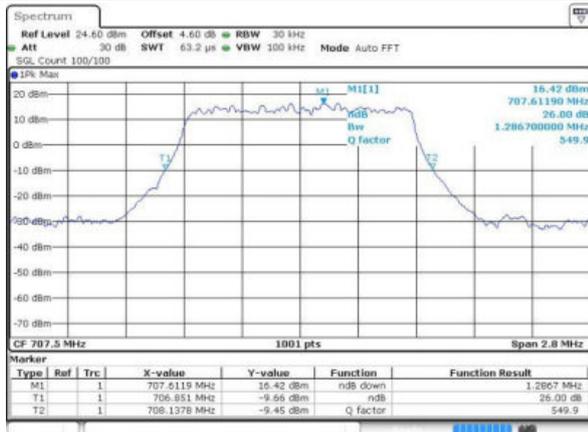
Date: 15 SEP 2016 17:36:15

Lowest Channel / 1.4MHz / 16QAM



Date: 15 SEP 2016 17:36:04

Middle Channel / 1.4MHz / QPSK



Date: 15 SEP 2016 17:35:43

Middle Channel / 1.4MHz / 16QAM



Date: 15 SEP 2016 17:35:54

Highest Channel / 1.4MHz / QPSK



Date: 15 SEP 2016 17:35:33

Highest Channel / 1.4MHz / 16QAM

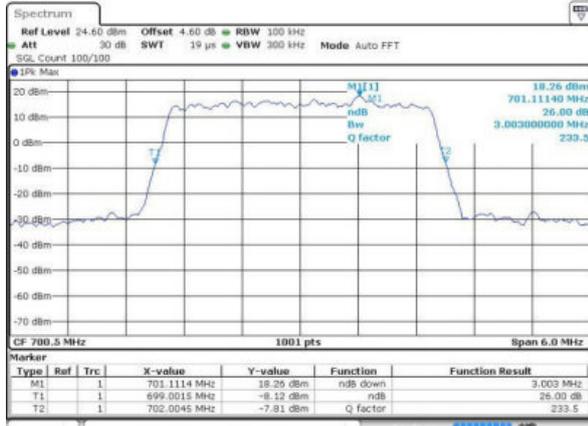


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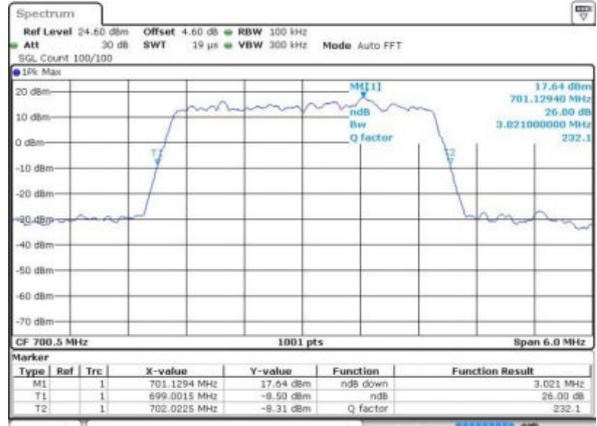
LTE Band 12

Lowest Channel / 3MHz / QPSK



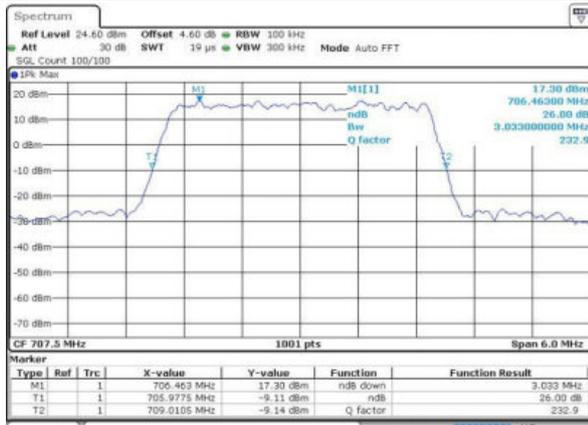
Date: 15 SEP 2016 17:52:57

Lowest Channel / 3MHz / 16QAM



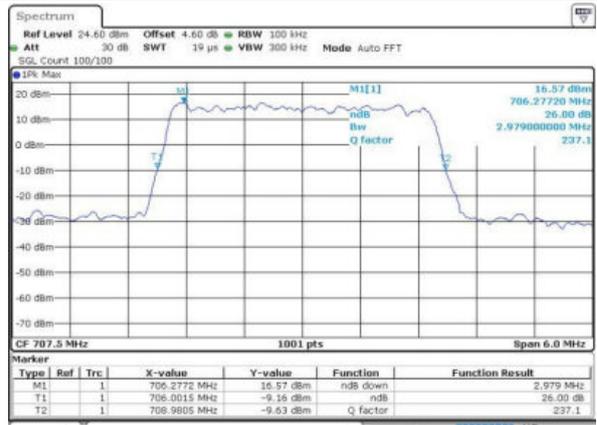
Date: 15 SEP 2016 17:52:46

Middle Channel / 3MHz / QPSK



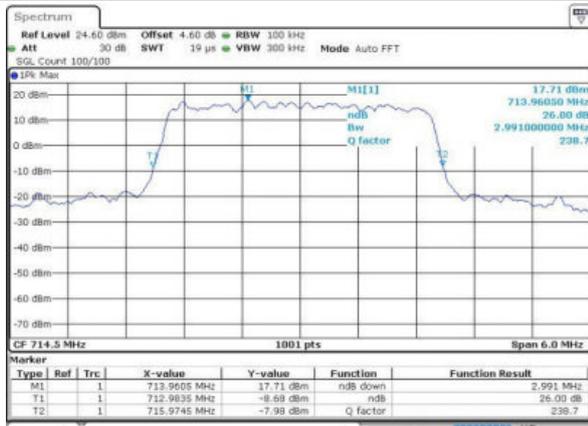
Date: 15 SEP 2016 17:52:25

Middle Channel / 3MHz / 16QAM



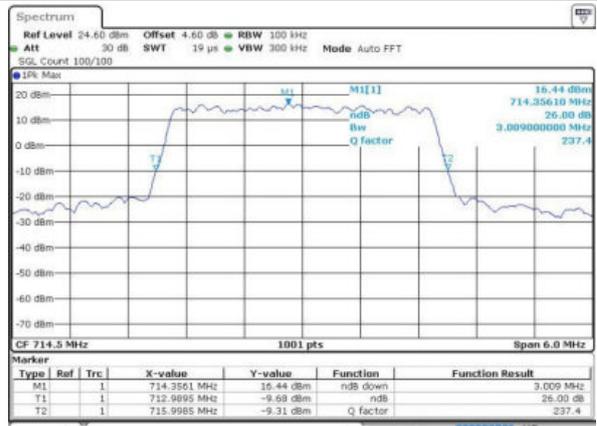
Date: 15 SEP 2016 17:52:36

Highest Channel / 3MHz / QPSK



Date: 15 SEP 2016 17:52:15

Highest Channel / 3MHz / 16QAM

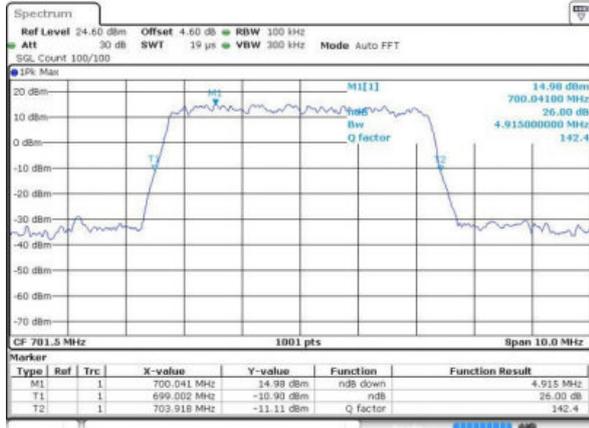


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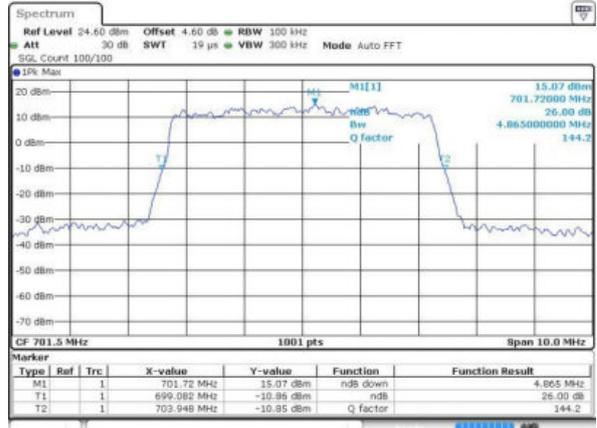
LTE Band 12

Lowest Channel / 5MHz / QPSK



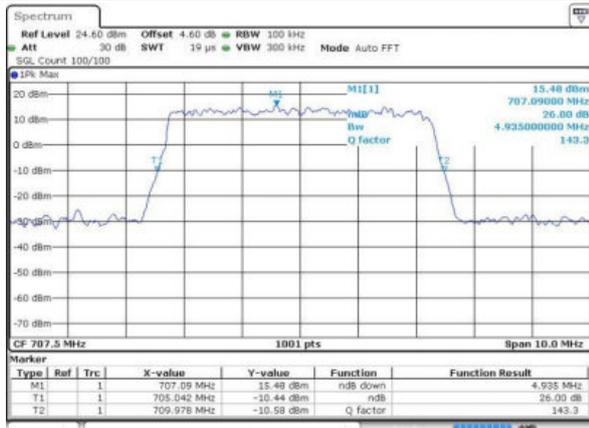
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Lowest Channel / 5MHz / 16QAM



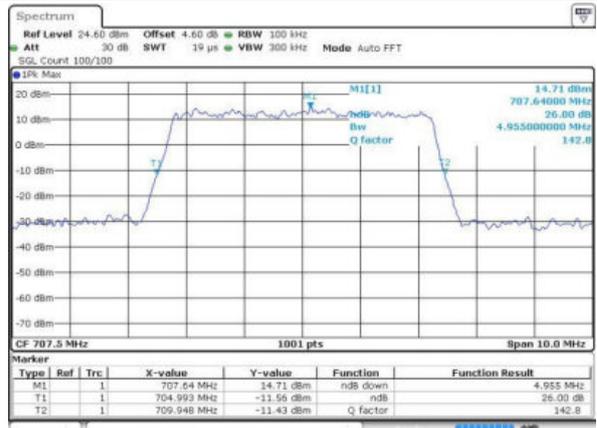
Date: 15 SEP 2016 18:15:26

Middle Channel / 5MHz / QPSK



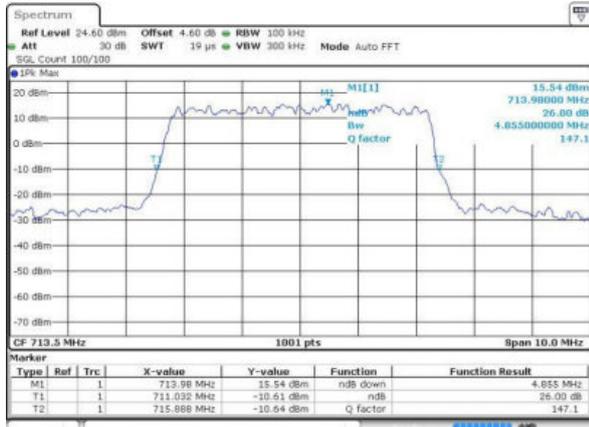
Date: 15 SEP 2016 18:15:05

Middle Channel / 5MHz / 16QAM



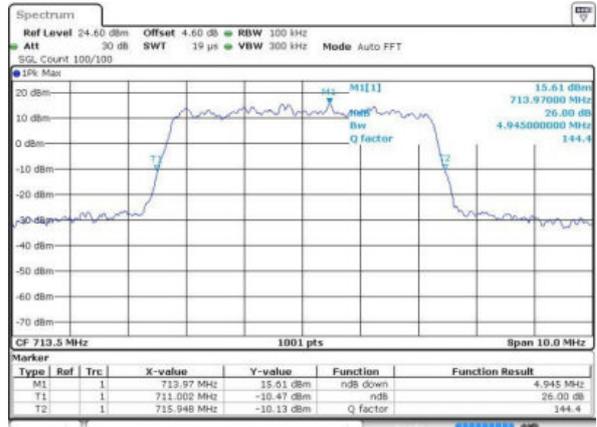
Date: 15 SEP 2016 18:15:16

Highest Channel / 5MHz / QPSK



Date: 15 SEP 2016 18:14:55

Highest Channel / 5MHz / 16QAM

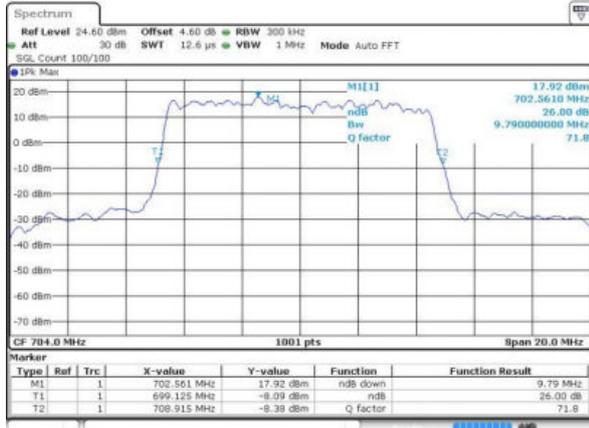


Date: 15 SEP 2016 18:14:44



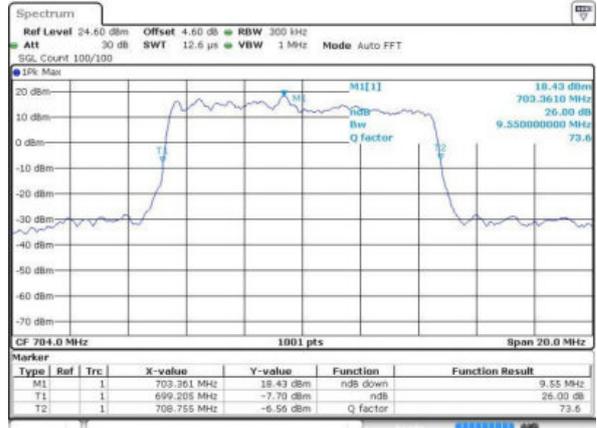
LTE Band 12

Lowest Channel / 10MHz / QPSK



Date: 15 SEP 2016 18:32:19

Lowest Channel / 10MHz / 16QAM



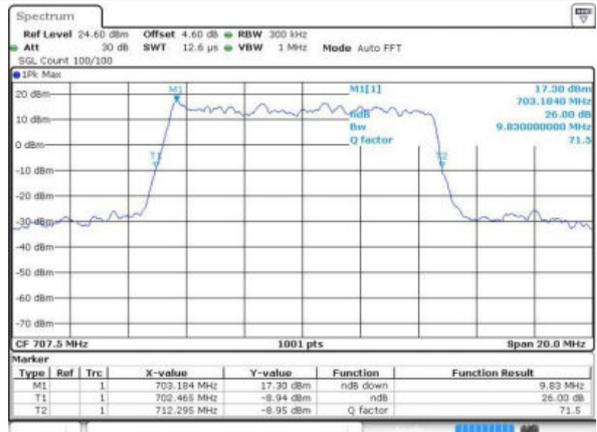
Date: 15 SEP 2016 18:32:09

Middle Channel / 10MHz / QPSK



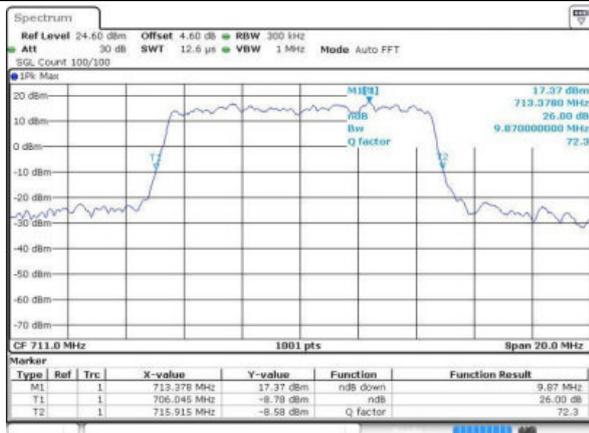
Date: 15 SEP 2016 18:31:47

Middle Channel / 10MHz / 16QAM



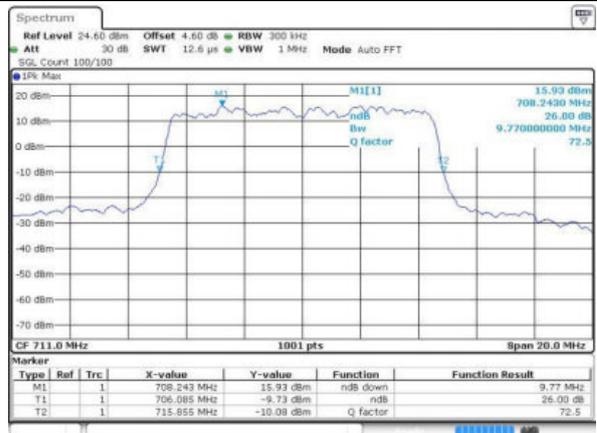
Date: 15 SEP 2016 18:31:56

Highest Channel / 10MHz / QPSK



Date: 15 SEP 2016 18:31:37

Highest Channel / 10MHz / 16QAM

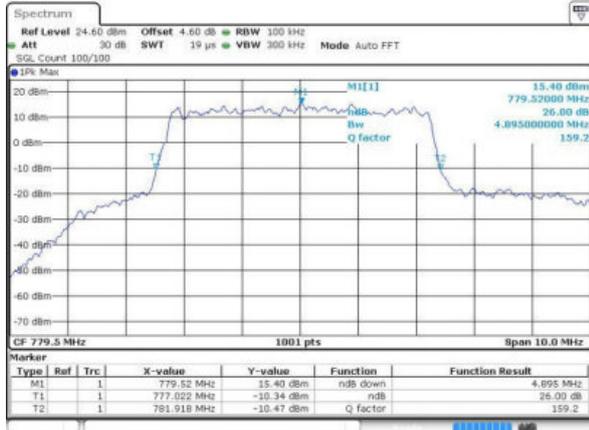


Date: 15 SEP 2016 18:31:26



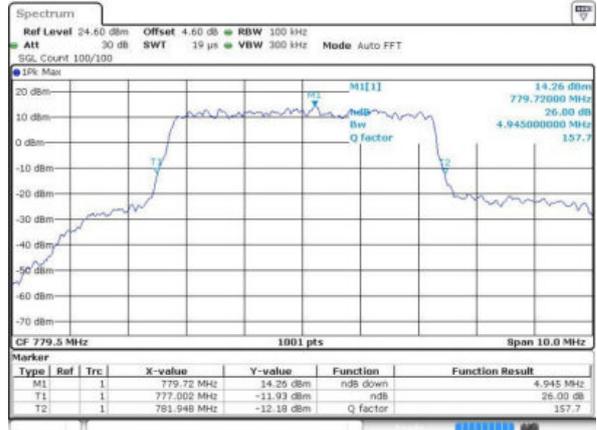
LTE Band 13

Lowest Channel / 5MHz / QPSK



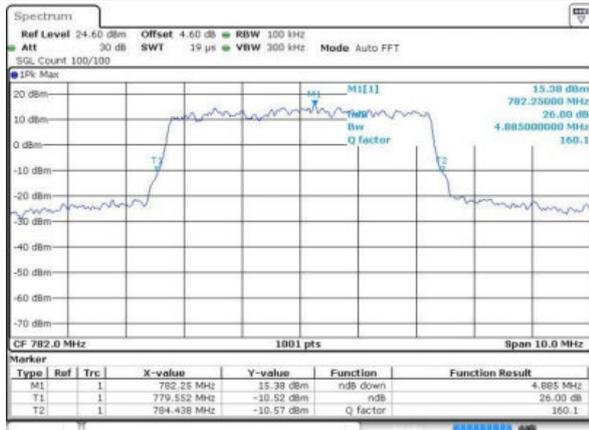
Date: 15 SEP 2016 23:20:22

Lowest Channel / 5MHz / 16QAM



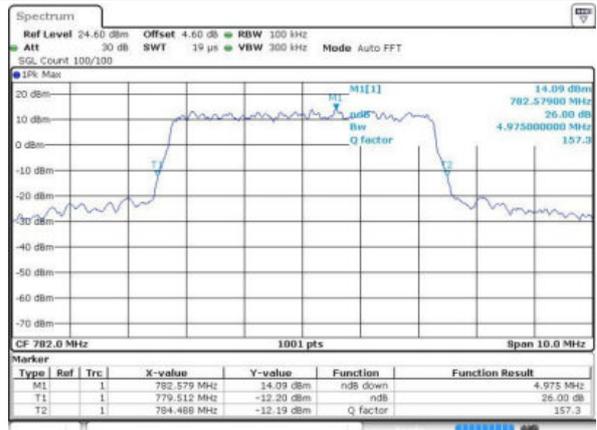
Date: 15 SEP 2016 23:20:48

Middle Channel / 5MHz / QPSK



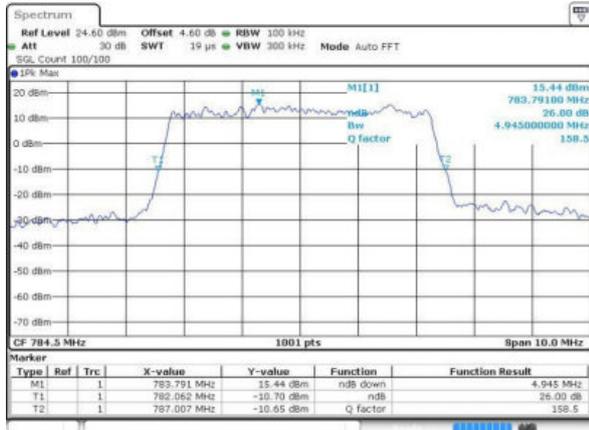
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Middle Channel / 5MHz / 16QAM



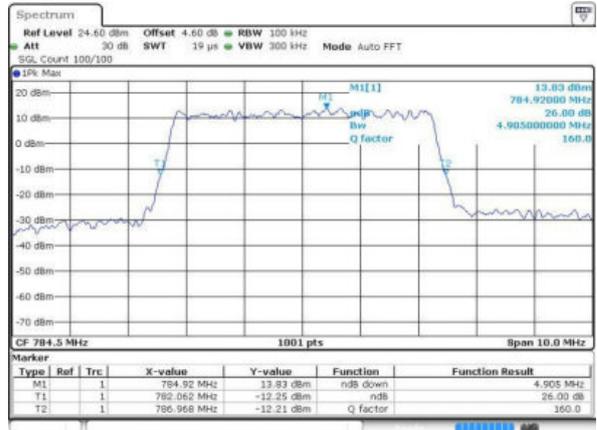
Date: 15 SEP 2016 23:30:51

Highest Channel / 5MHz / QPSK



Date: 15 SEP 2016 23:36:26

Highest Channel / 5MHz / 16QAM



Date: 15 SEP 2016 23:34:48



LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 15 SEP 2016 23:47:40

Middle Channel / 10MHz / 16QAM



Date: 15 SEP 2016 23:48:15



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	2.71	2.75	4.49	4.48	9.03	8.97	13.43	13.43	18.30	18.22
Middle CH	1.09	1.10	2.71	2.73	4.49	4.49	9.01	9.05	13.31	13.43	18.34	18.10
Highest CH	1.09	1.10	2.70	2.70	4.52	4.50	8.99	8.97	13.43	13.43	18.18	18.34

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	1.09	2.71	2.72	4.50	4.48	9.03	9.03	13.43	13.46	18.38	18.30
Middle CH	1.09	1.09	2.71	2.72	4.49	4.50	9.01	8.97	13.40	13.40	18.02	18.34
Highest CH	1.10	1.09	2.72	2.71	4.50	4.51	8.95	9.07	13.37	13.31	18.14	18.34

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	1.10	2.72	2.73	4.48	4.47	8.99	8.97	-	-	-	-
Middle CH	1.09	1.09	2.72	2.69	4.52	4.47	9.05	8.99	-	-	-	-
Highest CH	1.08	1.09	2.72	2.71	4.50	4.49	8.97	8.95	-	-	-	-

Mode	LTE Band 7 : 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	-	-	-	-	4.48	4.49	9.03	9.01	13.40	13.43	18.14	18.34
Middle CH	-	-	-	-	4.50	4.47	9.03	9.01	13.37	13.40	18.30	18.26
Highest CH	-	-	-	-	4.47	4.48	8.99	8.95	13.43	13.40	18.30	18.26



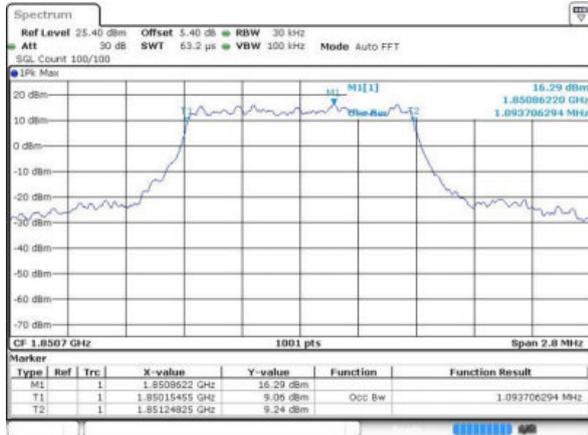
Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.69	4.47	4.47	8.99	8.97	-	-	-	-
Middle CH	1.09	1.09	2.72	2.70	4.49	4.49	9.05	9.09	-	-	-	-
Highest CH	1.09	1.09	2.72	2.71	4.47	4.47	9.01	8.97	-	-	-	-

Mode	LTE Band 13 : 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	-	-	-	-	4.49	4.50	-	-	-	-	-	-
Middle CH	-	-	-	-	4.50	4.49	8.99	9.03	-	-	-	-
Highest CH	-	-	-	-	4.48	4.49	-	-	-	-	-	-



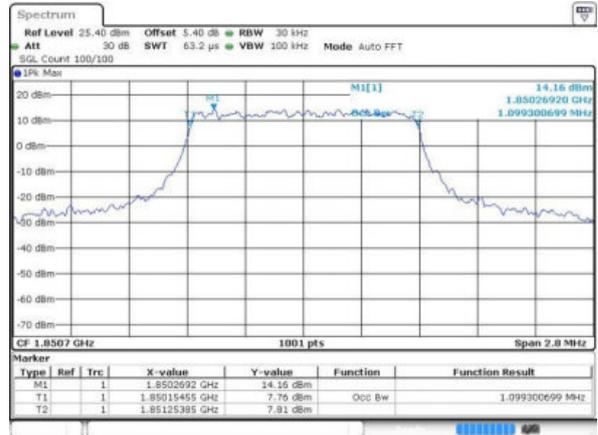
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



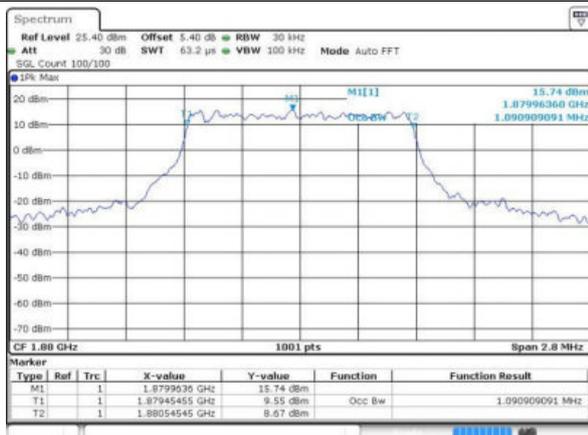
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Lowest Channel / 1.4MHz / 16QAM



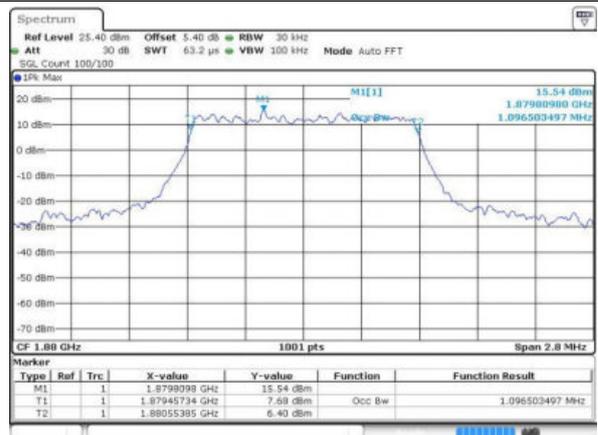
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Middle Channel / 1.4MHz / QPSK



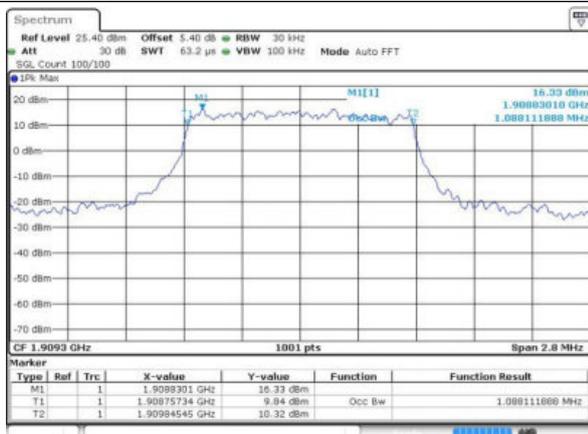
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Middle Channel / 1.4MHz / 16QAM



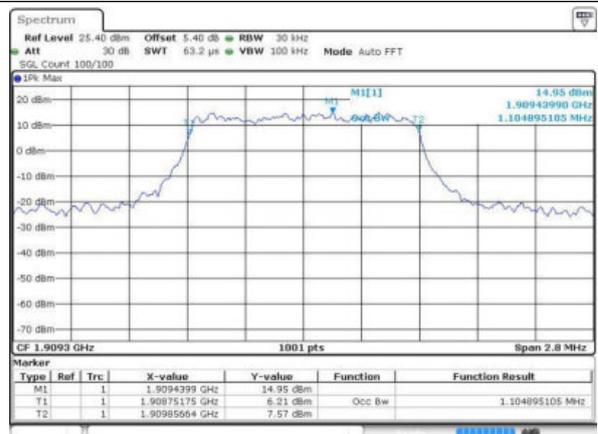
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Highest Channel / 1.4MHz / QPSK



Date: 15 SEP 2016 11:27:02

Highest Channel / 1.4MHz / 16QAM

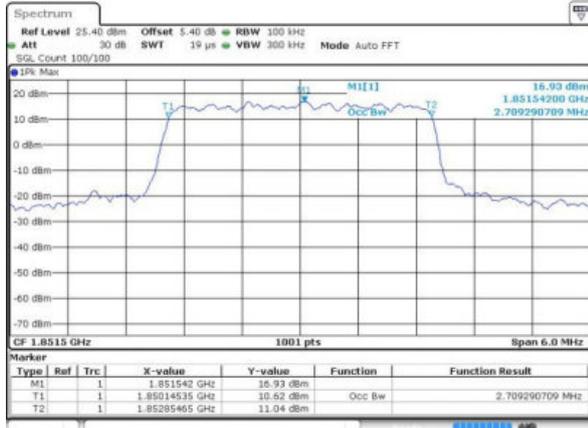


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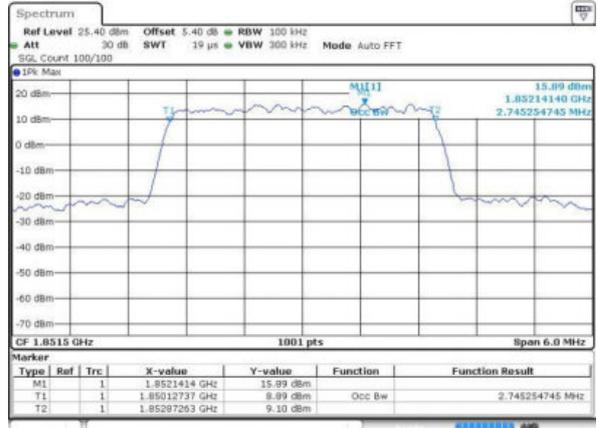
LTE Band 2

Lowest Channel / 3MHz / QPSK



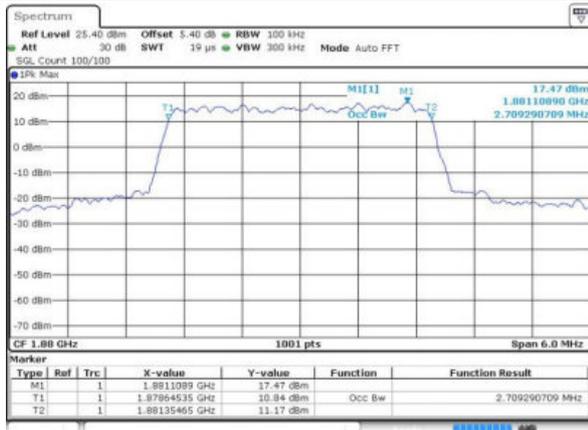
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Lowest Channel / 3MHz / 16QAM



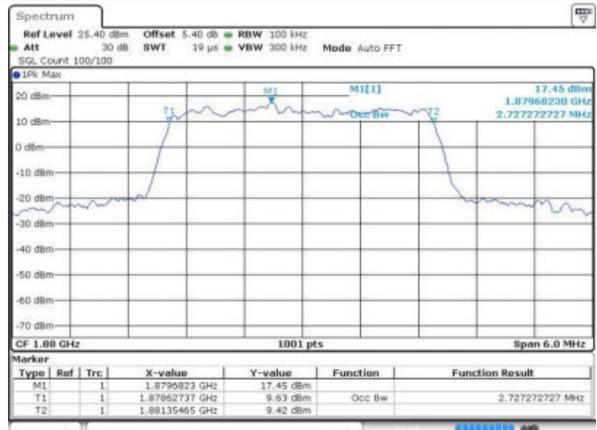
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Middle Channel / 3MHz / QPSK



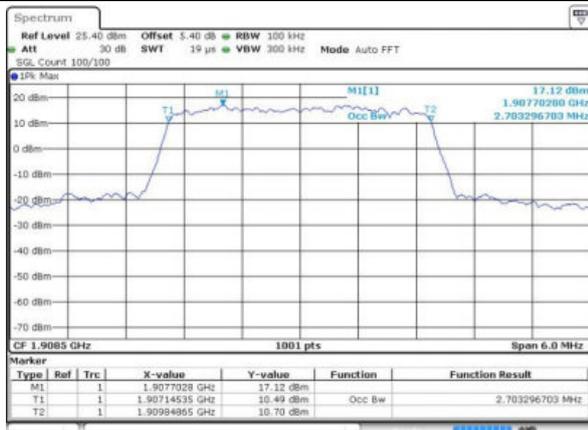
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Middle Channel / 3MHz / 16QAM



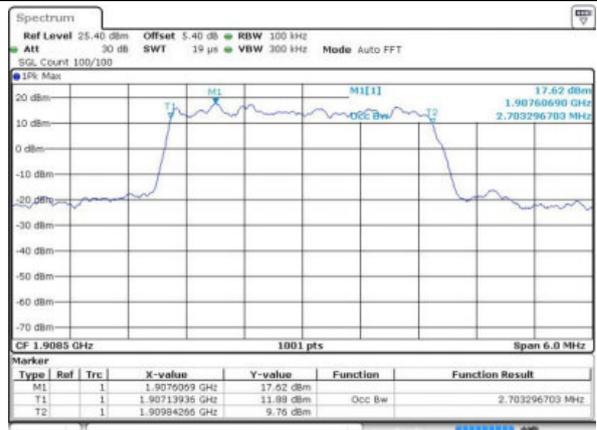
Date: 15 SEP 2016 11:41:24

Highest Channel / 3MHz / QPSK



Date: 15 SEP 2016 11:43:47

Highest Channel / 3MHz / 16QAM

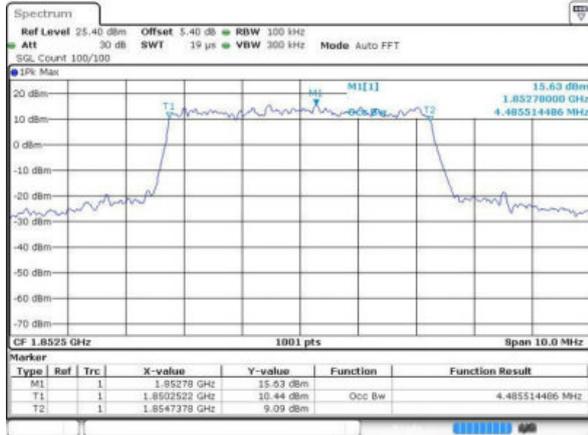


Date: 15 SEP 2016 11:43:58



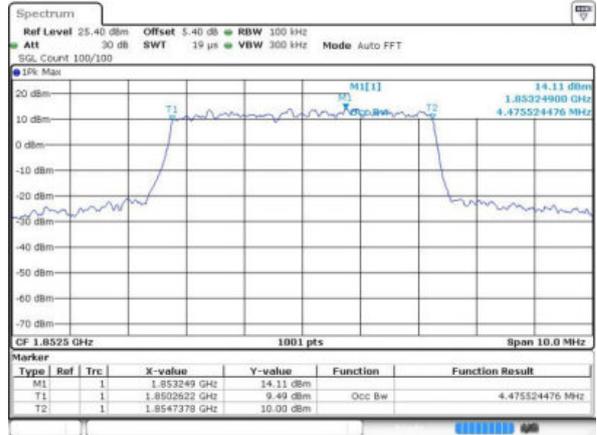
LTE Band 2

Lowest Channel / 5MHz / QPSK



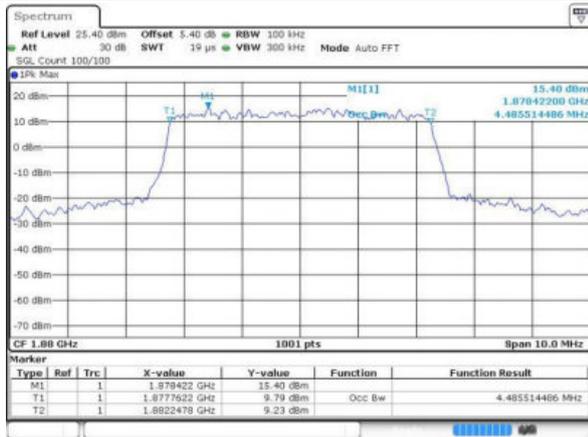
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Lowest Channel / 5MHz / 16QAM



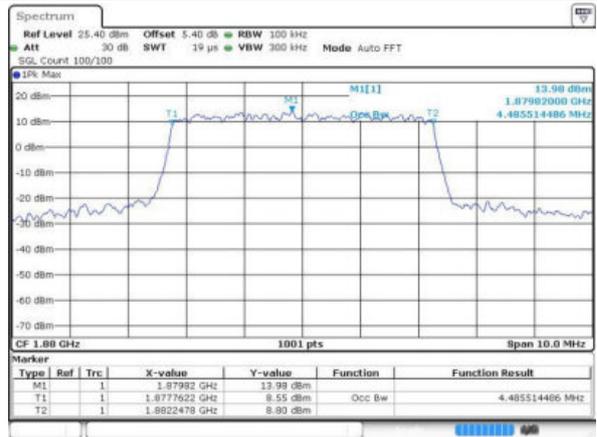
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Middle Channel / 5MHz / QPSK



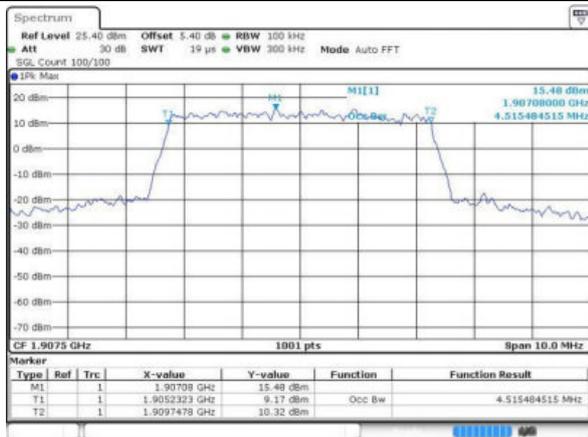
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Middle Channel / 5MHz / 16QAM



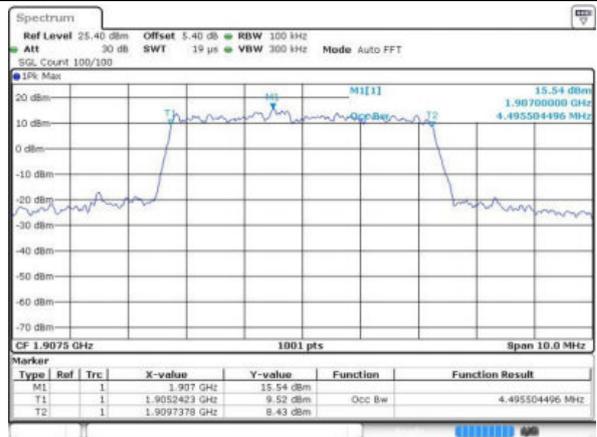
Date: 15 SEP 2016 11:58:09

Highest Channel / 5MHz / QPSK



Date: 15 SEP 2016 12:00:32

Highest Channel / 5MHz / 16QAM

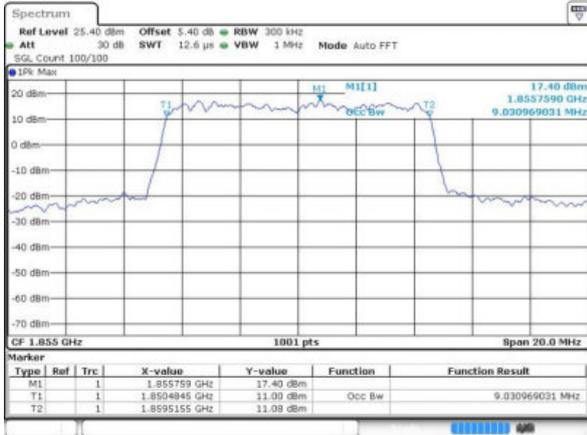


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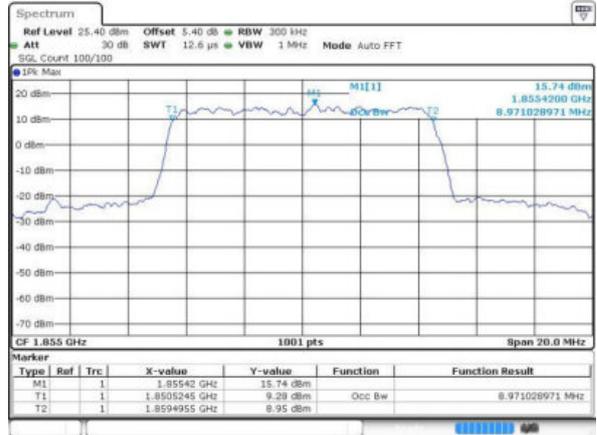
LTE Band 2

Lowest Channel / 10MHz / QPSK



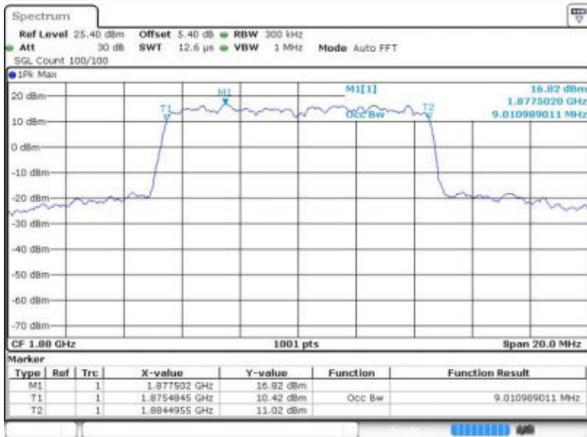
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Lowest Channel / 10MHz / 16QAM



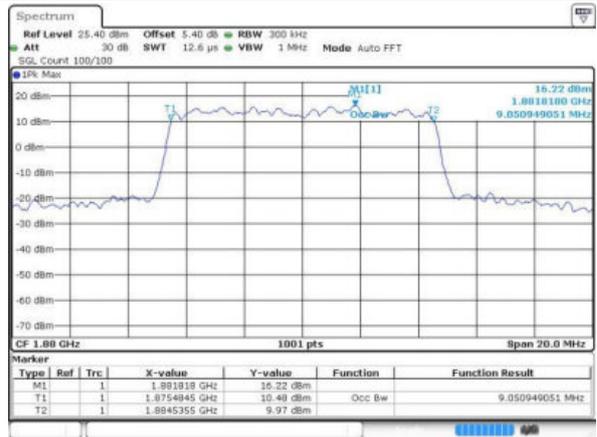
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Middle Channel / 10MHz / QPSK



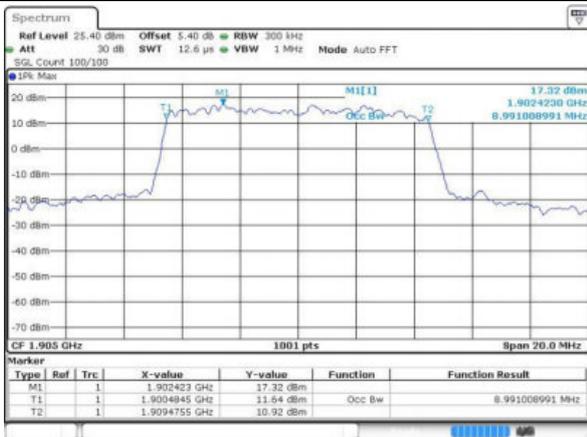
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Middle Channel / 10MHz / 16QAM



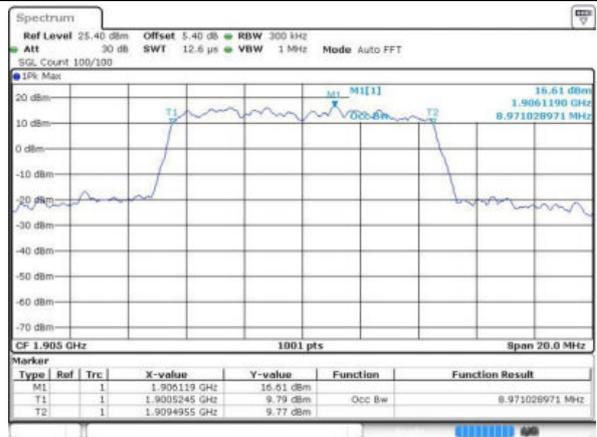
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Highest Channel / 10MHz / QPSK



Date: 15 SEP 2016 12:31:34

Highest Channel / 10MHz / 16QAM

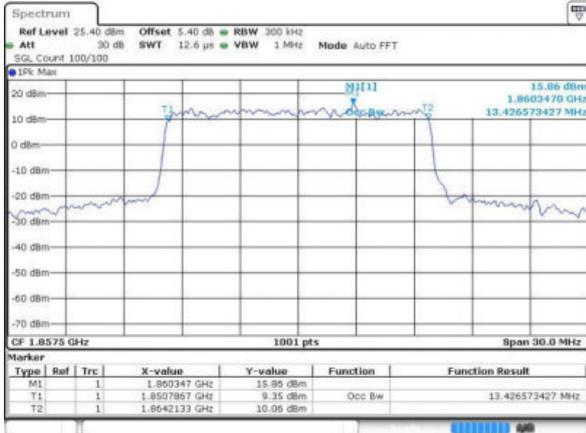


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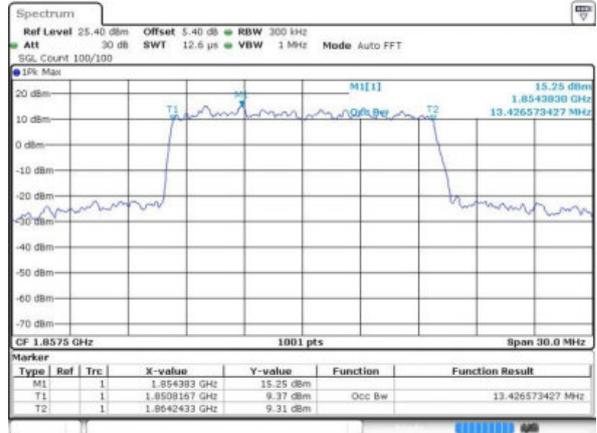


LTE Band 2

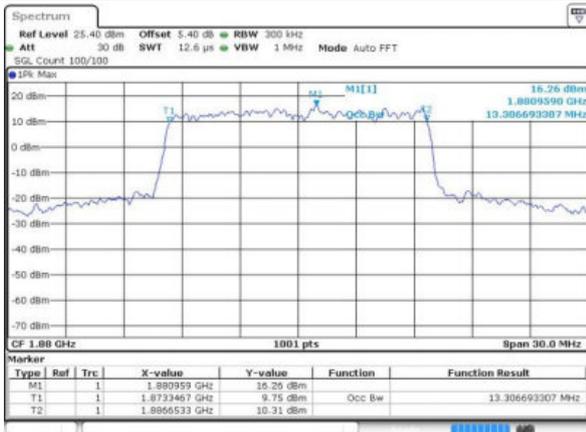
Lowest Channel / 15MHz / QPSK



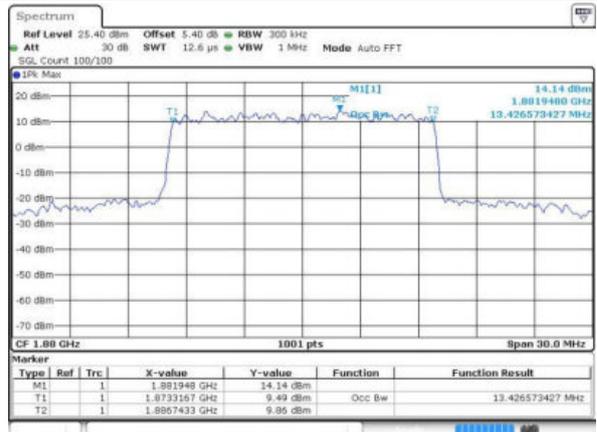
Lowest Channel / 15MHz / 16QAM



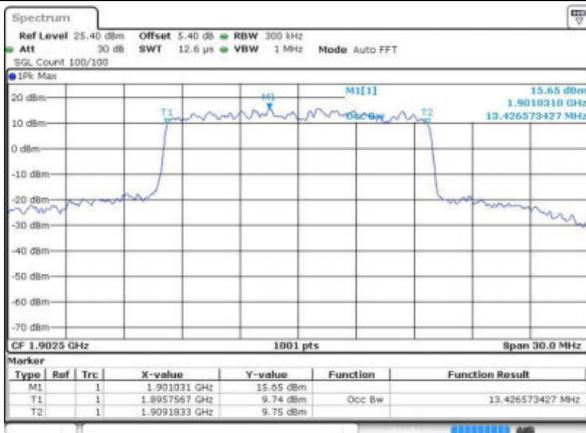
Middle Channel / 15MHz / QPSK



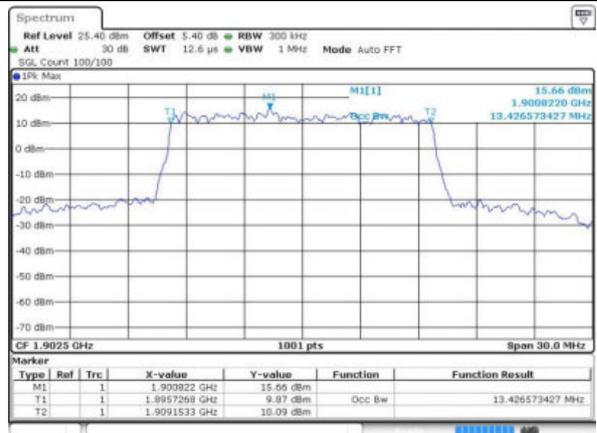
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



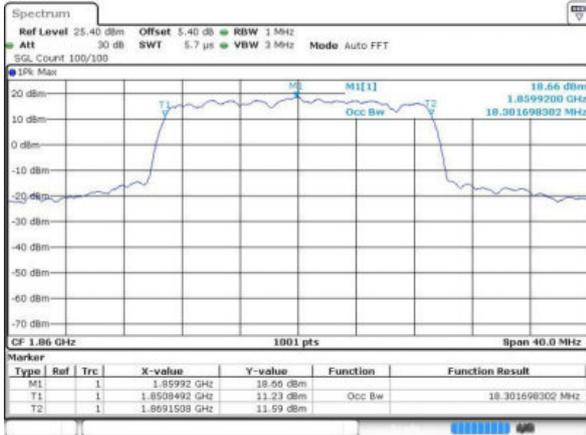
Highest Channel / 15MHz / 16QAM





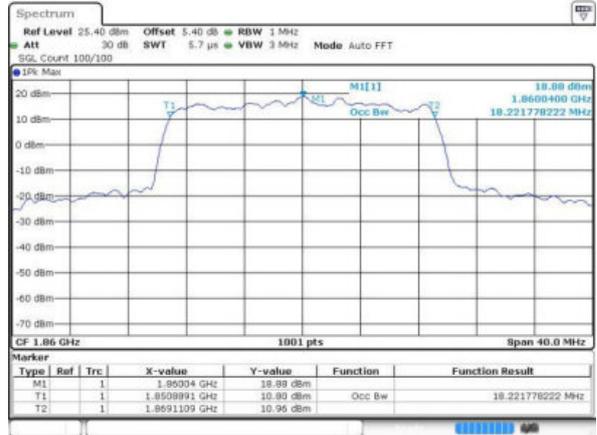
LTE Band 2

Lowest Channel / 20MHz / QPSK



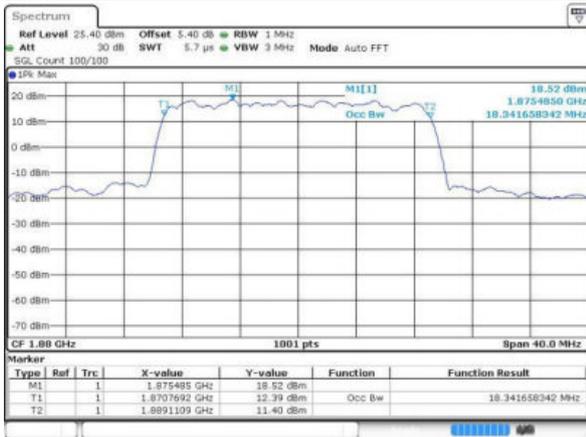
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Lowest Channel / 20MHz / 16QAM



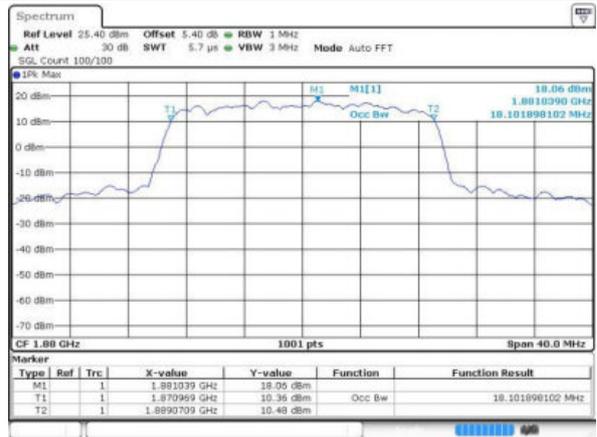
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Middle Channel / 20MHz / QPSK



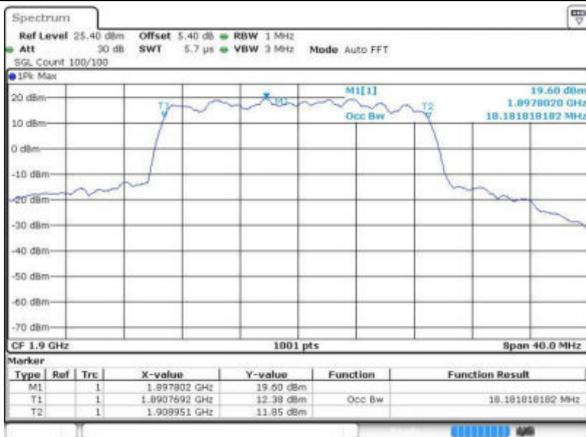
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Middle Channel / 20MHz / 16QAM



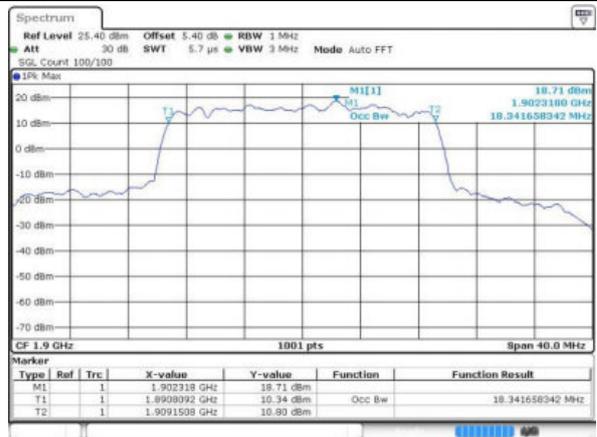
Date: 15 SEP 2016 13:02:40

Highest Channel / 20MHz / QPSK



Date: 15 SEP 2016 13:05:03

Highest Channel / 20MHz / 16QAM

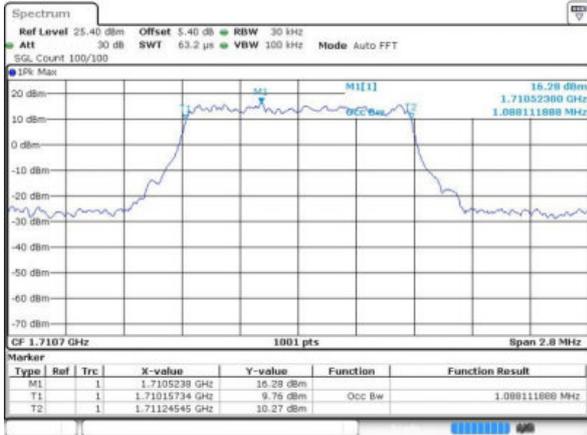


Date: 15 SEP 2016 13:05:13



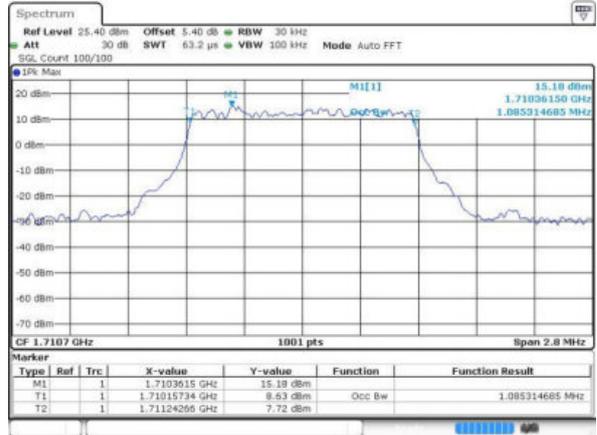
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



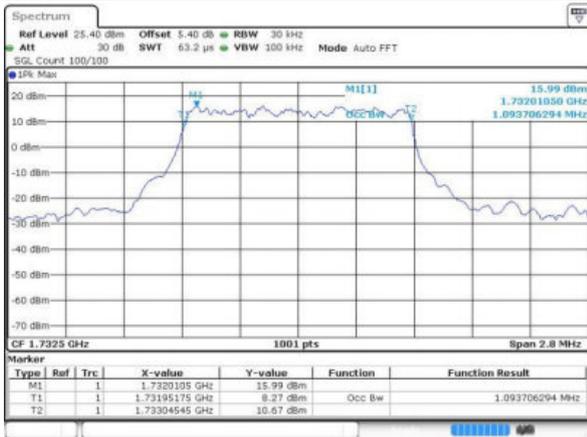
Date: 15 SEP 2016 13:43:42

Lowest Channel / 1.4MHz / 16QAM



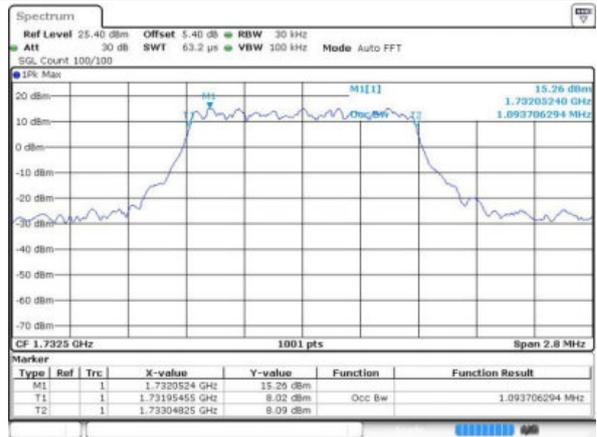
Date: 15 SEP 2016 13:43:53

Middle Channel / 1.4MHz / QPSK



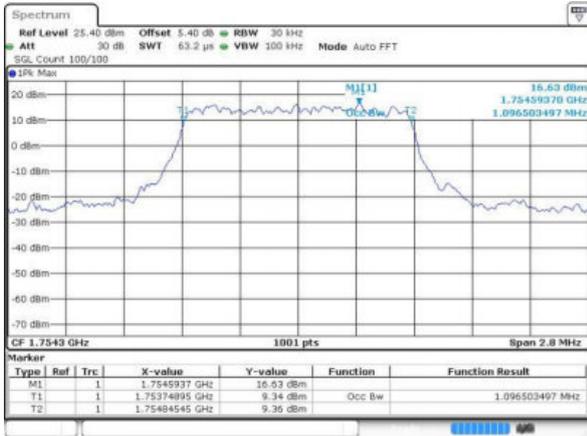
Date: 15 SEP 2016 13:50:48

Middle Channel / 1.4MHz / 16QAM



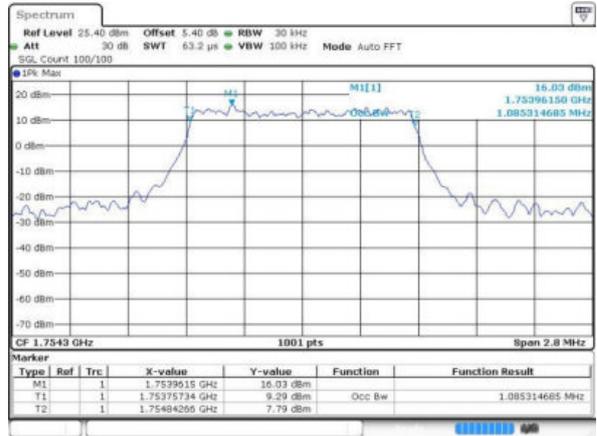
Date: 15 SEP 2016 13:50:58

Highest Channel / 1.4MHz / QPSK



Date: 15 SEP 2016 13:53:21

Highest Channel / 1.4MHz / 16QAM

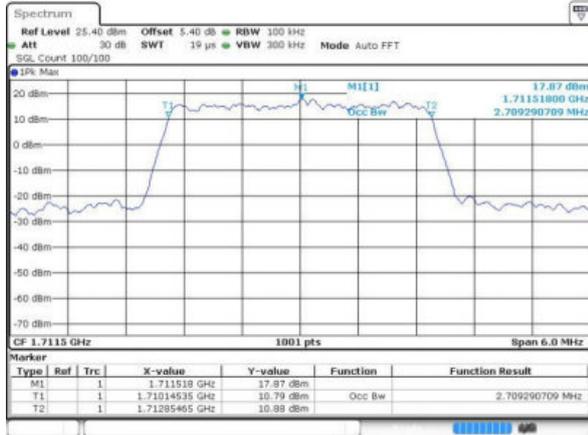


Date: 15 SEP 2016 13:53:31



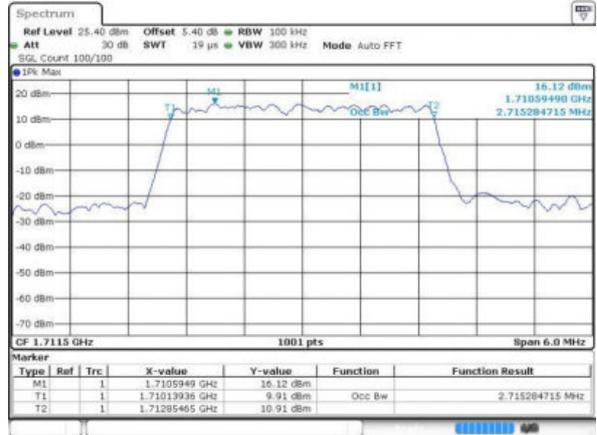
LTE Band 4

Lowest Channel / 3MHz / QPSK



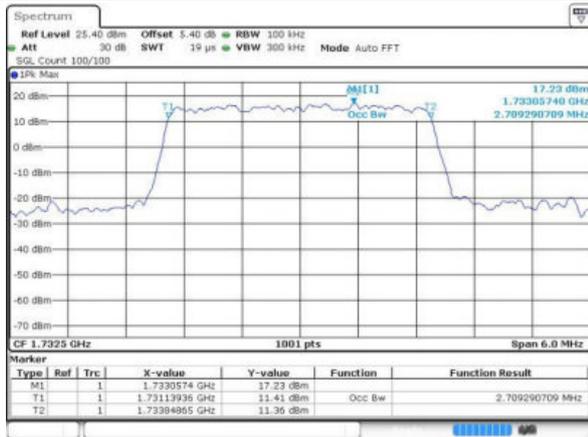
Date: 15. SEP. 2016 14:00:26

Lowest Channel / 3MHz / 16QAM



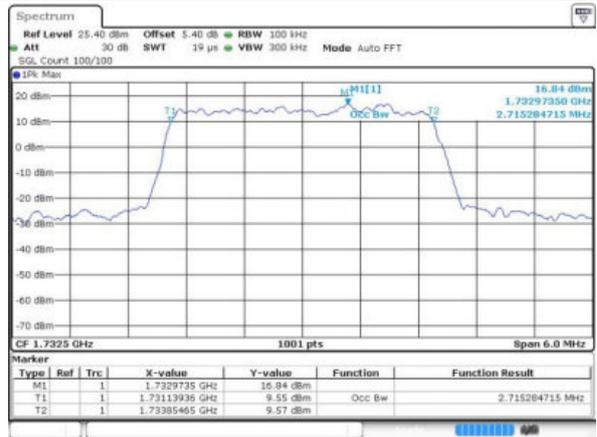
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Middle Channel / 3MHz / QPSK



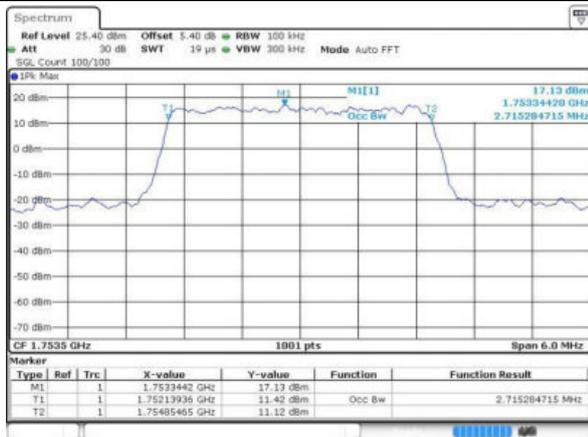
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Middle Channel / 3MHz / 16QAM



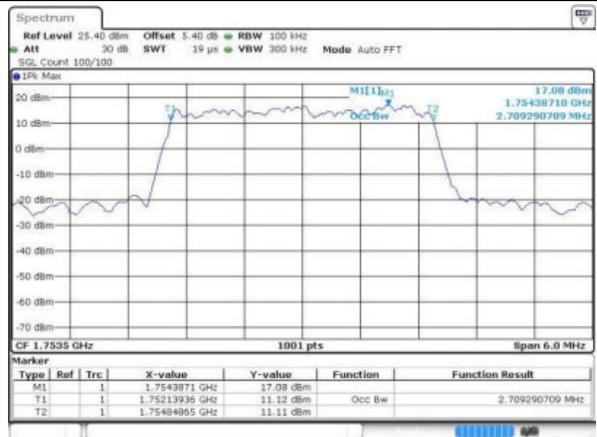
Date: 15. SEP. 2016 14:07:43

Highest Channel / 3MHz / QPSK



Date: 15. SEP. 2016 14:10:05

Highest Channel / 3MHz / 16QAM

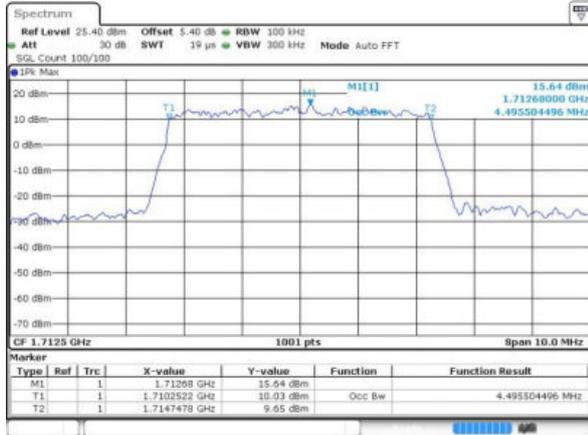


Date: 15. SEP. 2016 14:10:16



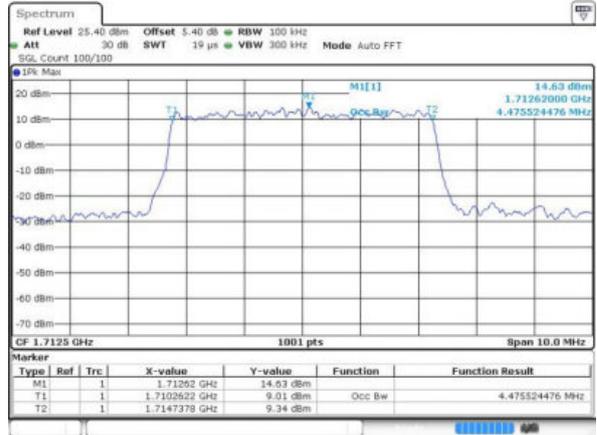
LTE Band 4

Lowest Channel / 5MHz / QPSK



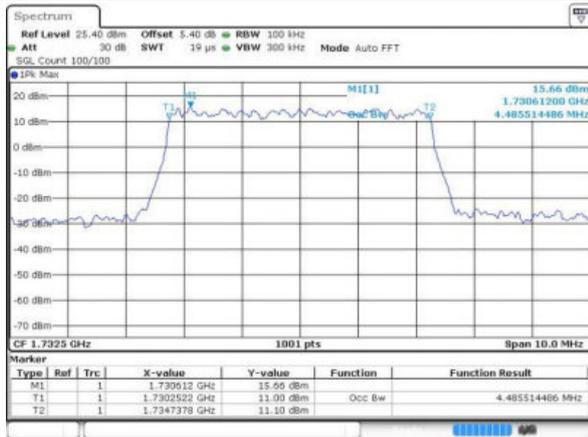
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Lowest Channel / 5MHz / 16QAM



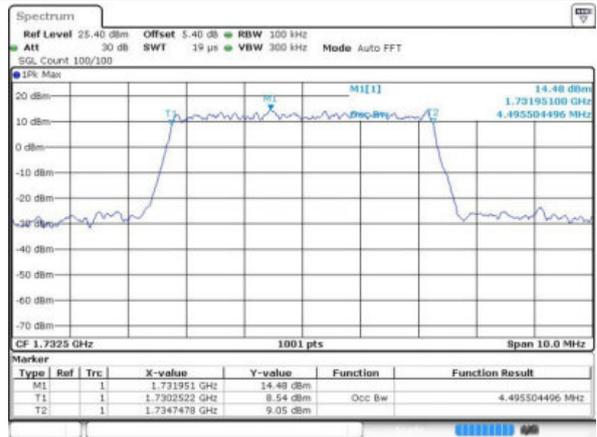
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Middle Channel / 5MHz / QPSK



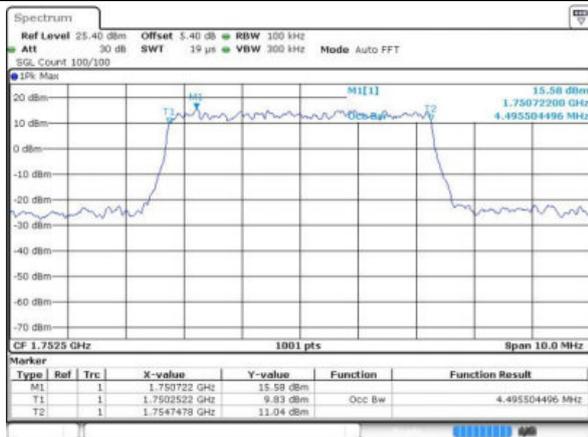
Date: 15 SEP 2016 14:24:17

Middle Channel / 5MHz / 16QAM



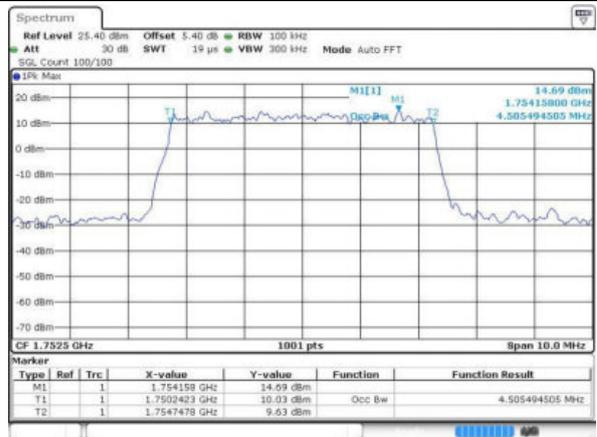
Date: 15 SEP 2016 14:24:27

Highest Channel / 5MHz / QPSK



Date: 15 SEP 2016 14:26:50

Highest Channel / 5MHz / 16QAM

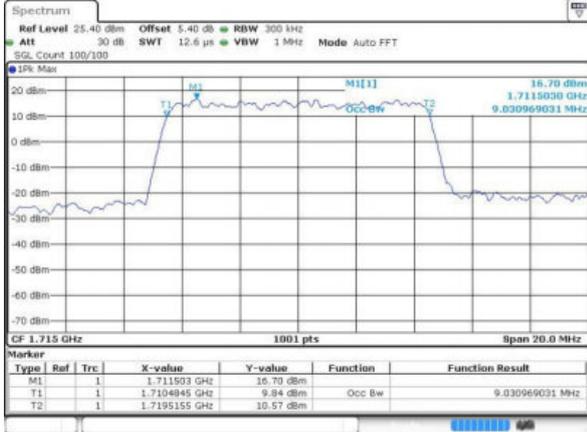


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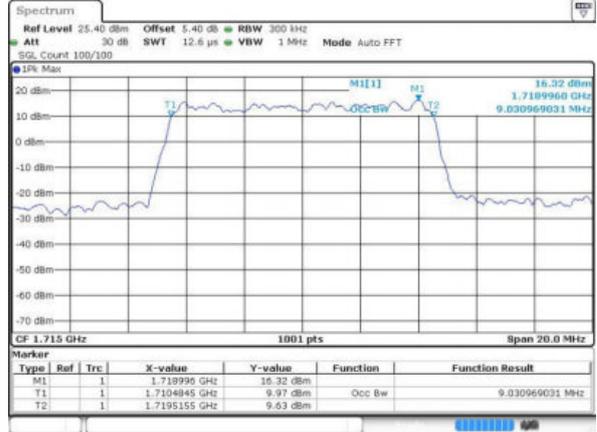
LTE Band 4

Lowest Channel / 10MHz / QPSK



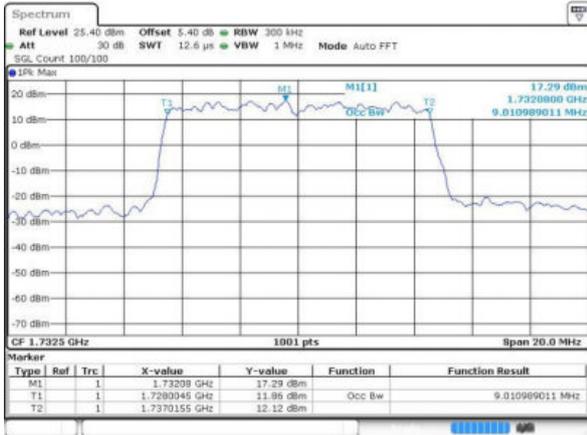
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Lowest Channel / 10MHz / 16QAM



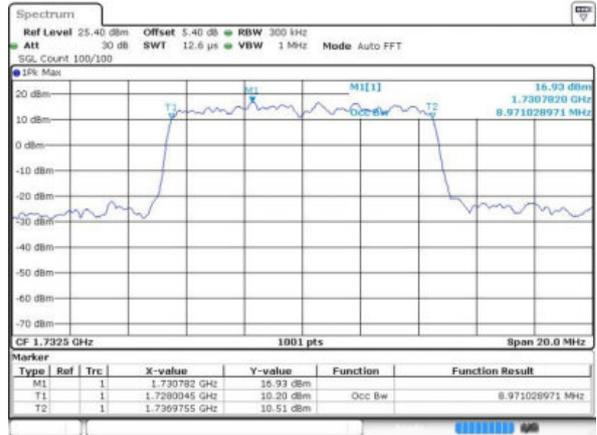
Date: 15 SEP 2016 14:34:06

Middle Channel / 10MHz / QPSK



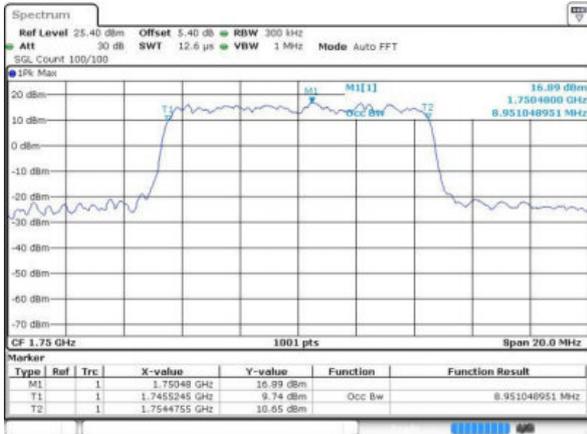
Date: 15 SEP 2016 14:41:01

Middle Channel / 10MHz / 16QAM



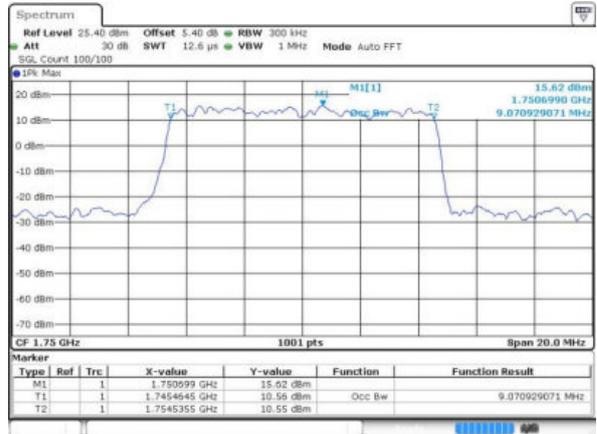
Date: 15 SEP 2016 14:41:11

Highest Channel / 10MHz / QPSK



Date: 15 SEP 2016 14:43:34

Highest Channel / 10MHz / 16QAM

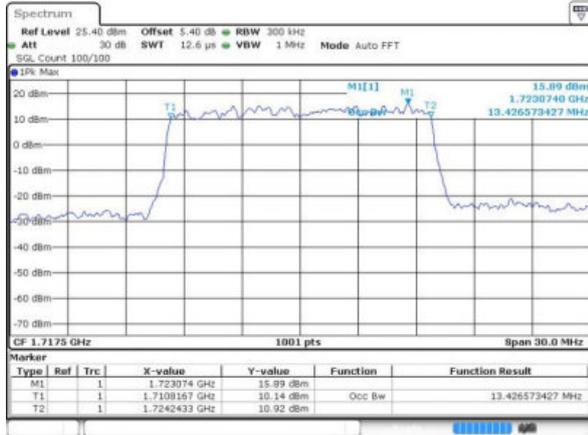


Date: 15 SEP 2016 14:43:45



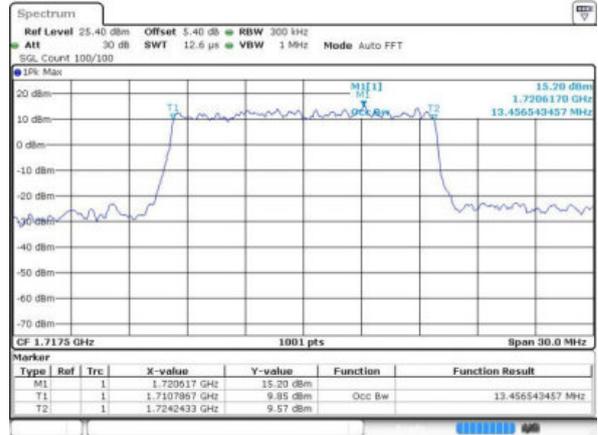
LTE Band 4

Lowest Channel / 15MHz / QPSK



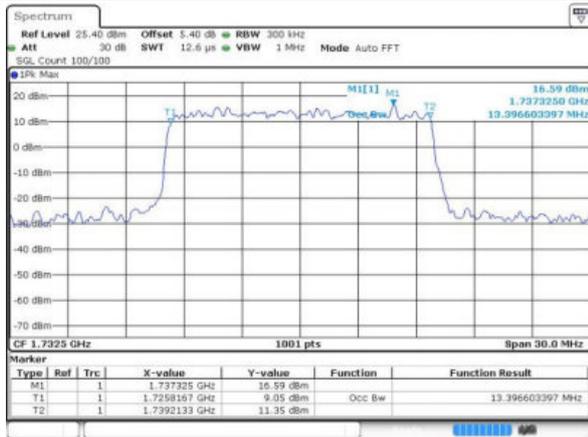
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Lowest Channel / 15MHz / 16QAM



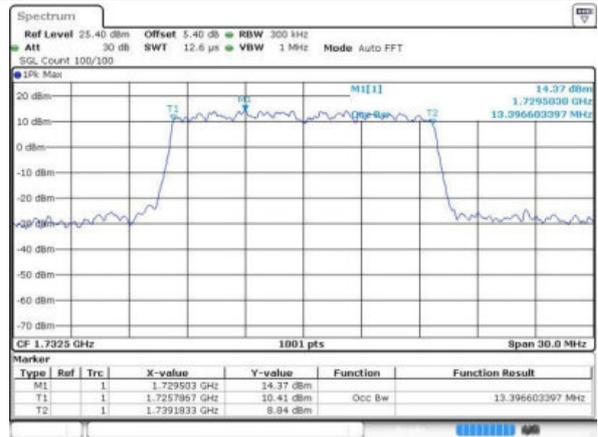
Date: 15 SEP 2016 14:50:50

Middle Channel / 15MHz / QPSK



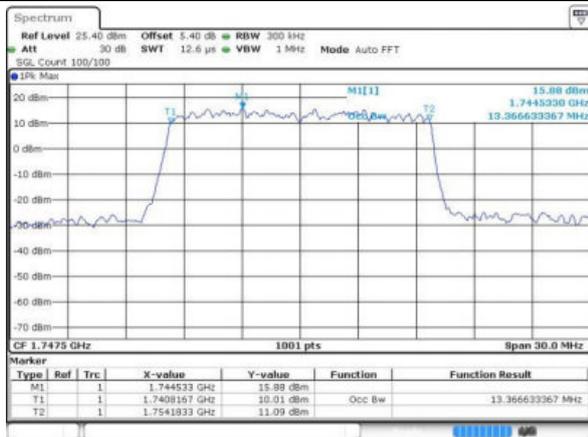
Date: 15 SEP 2016 14:57:46

Middle Channel / 15MHz / 16QAM



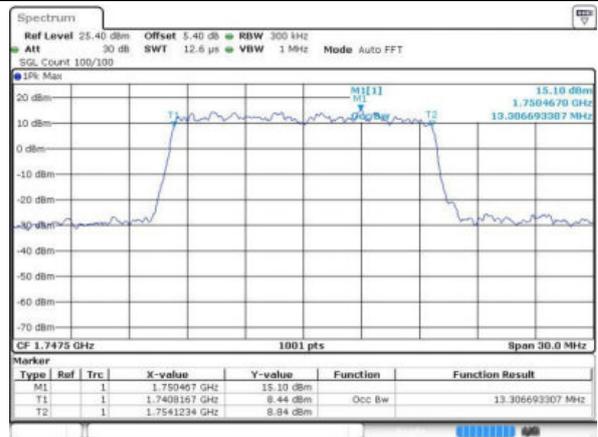
Date: 15 SEP 2016 14:57:56

Highest Channel / 15MHz / QPSK



Date: 15 SEP 2016 15:00:19

Highest Channel / 15MHz / 16QAM



Date: 15 SEP 2016 15:00:29