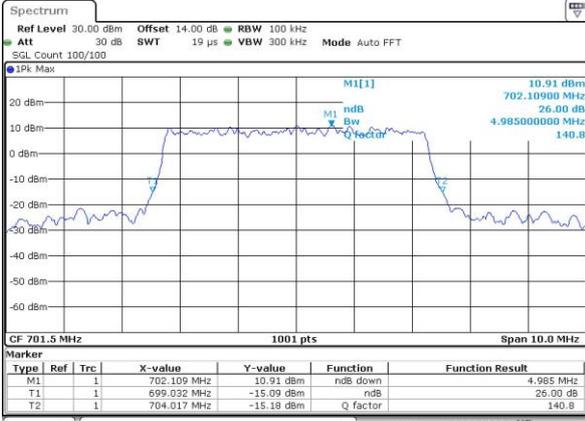




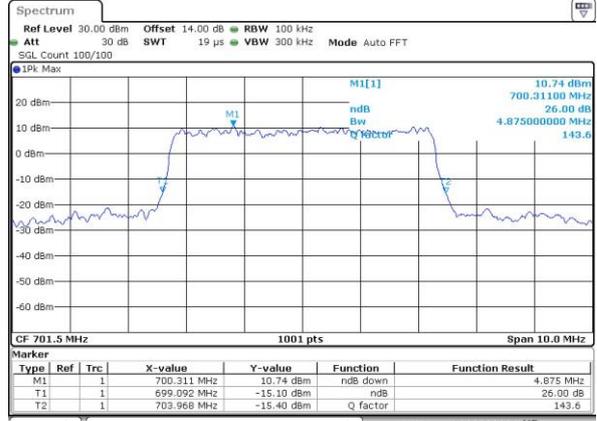
LTE Band 12

Lowest Channel / 5MHz / QPSK



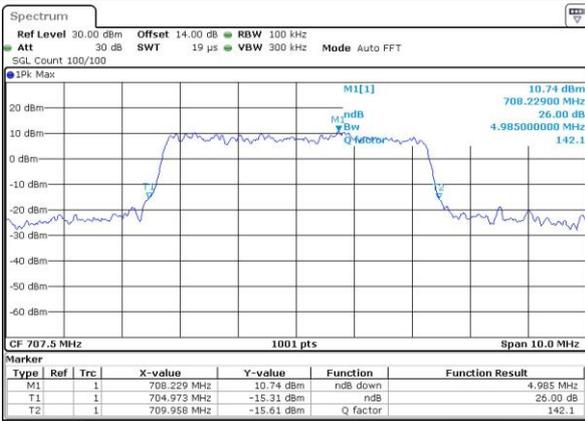
Date: 19\_JUN,2017 18:28:43

Lowest Channel / 5MHz / 16QAM



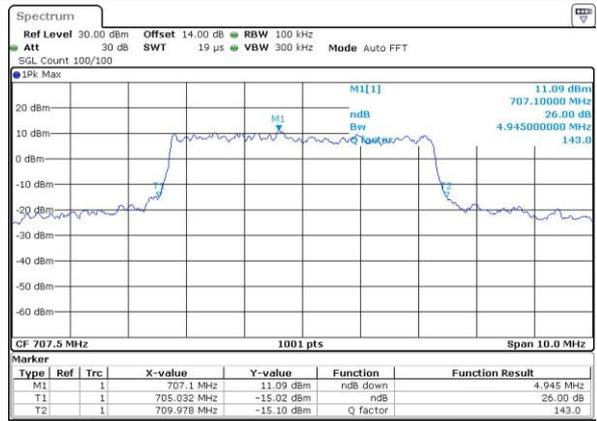
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Middle Channel / 5MHz / QPSK



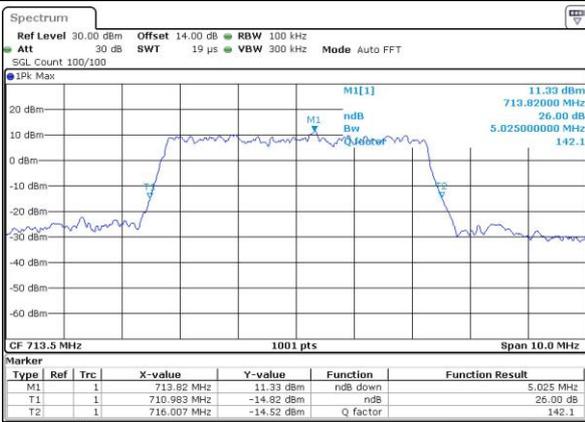
Date: 19\_JUN,2017 18:35:09

Middle Channel / 5MHz / 16QAM



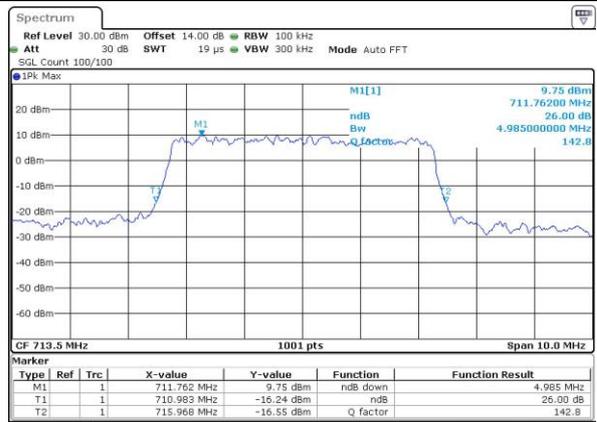
Date: 19\_JUN,2017 18:36:09

Highest Channel / 5MHz / QPSK



Date: 19\_JUN,2017 18:38:34

Highest Channel / 5MHz / 16QAM

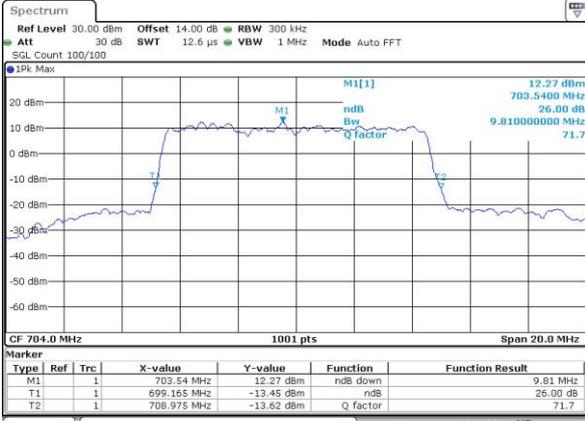


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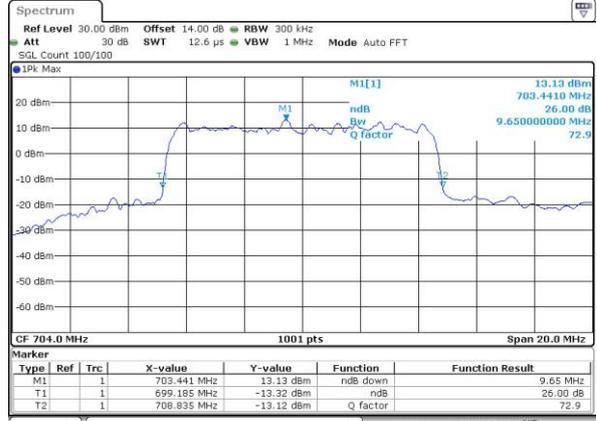
LTE Band 12

Lowest Channel / 10MHz / QPSK



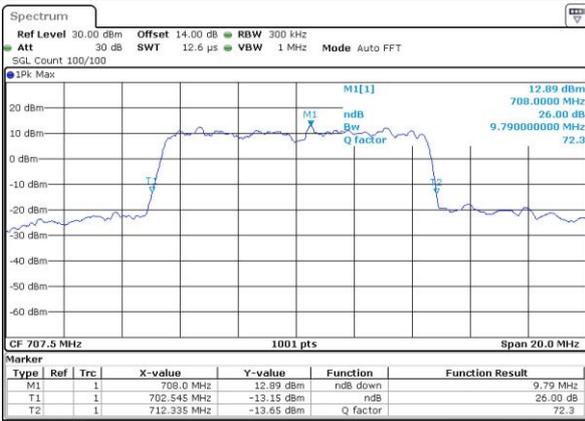
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Lowest Channel / 10MHz / 16QAM



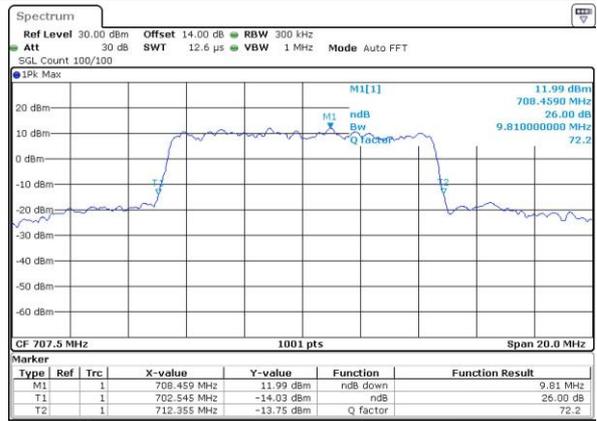
Date: 19\_JUN,2017 18:46:01

Middle Channel / 10MHz / QPSK



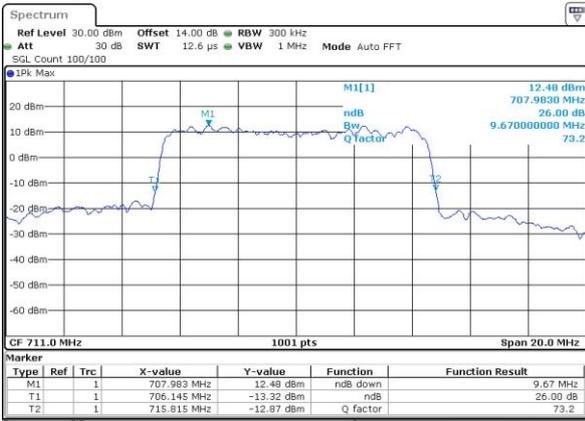
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Middle Channel / 10MHz / 16QAM



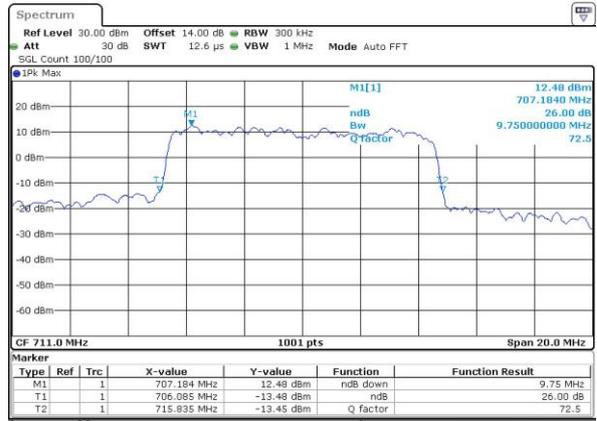
Date: 19\_JUN,2017 18:53:17

Highest Channel / 10MHz / QPSK



Date: 19\_JUN,2017 18:55:42

Highest Channel / 10MHz / 16QAM

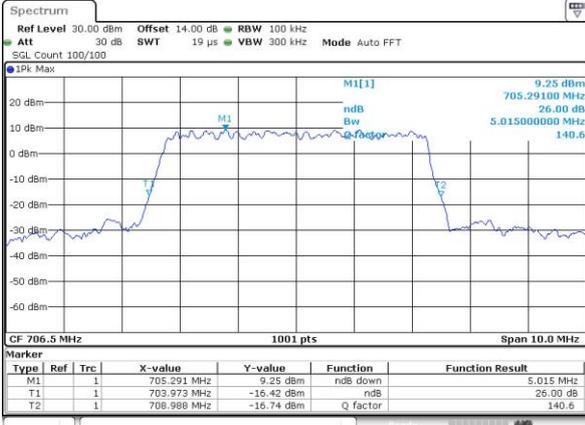


Date: 19\_JUN,2017 18:55:52



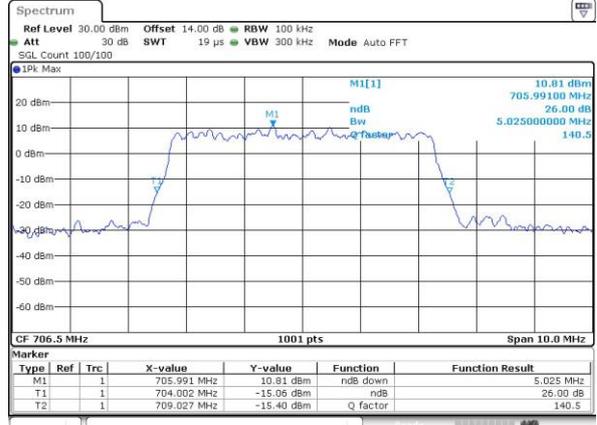
LTE Band 17

Lowest Channel / 5MHz / QPSK



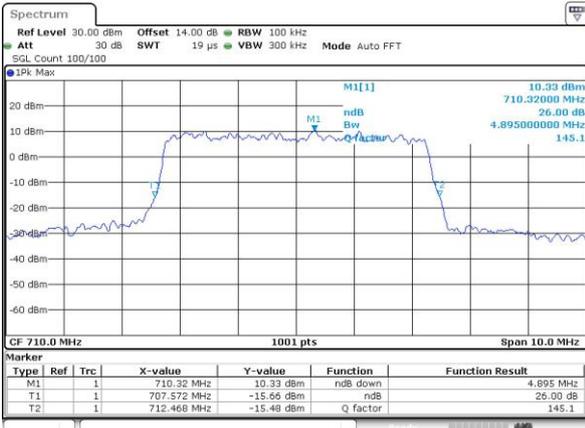
Date: 19\_JUN,2017 19:22:50

Lowest Channel / 5MHz / 16QAM



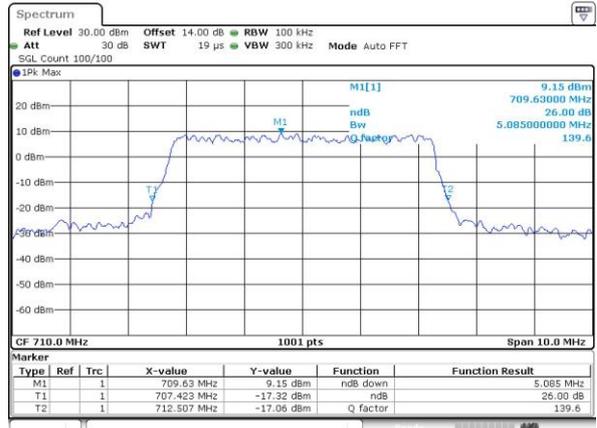
Date: 19\_JUN,2017 19:23:01

Middle Channel / 5MHz / QPSK



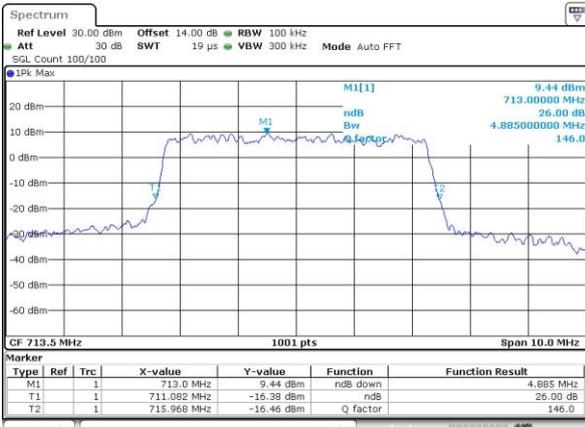
Date: 19\_JUN,2017 19:30:05

Middle Channel / 5MHz / 16QAM



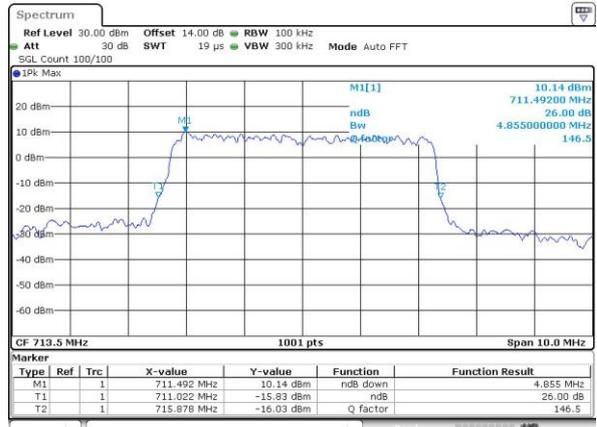
Date: 19\_JUN,2017 19:30:15

Highest Channel / 5MHz / QPSK



Date: 19\_JUN,2017 19:32:40

Highest Channel / 5MHz / 16QAM

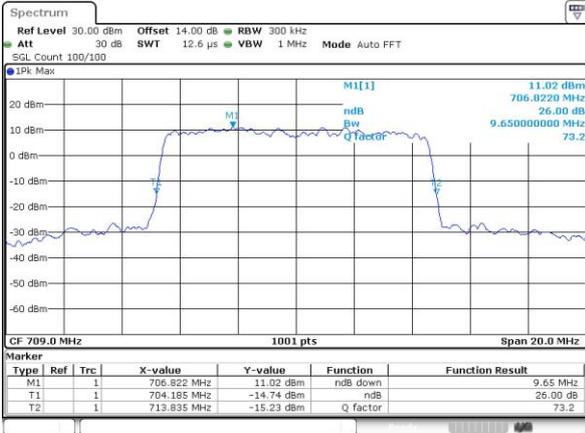


Date: 19\_JUN,2017 19:32:51



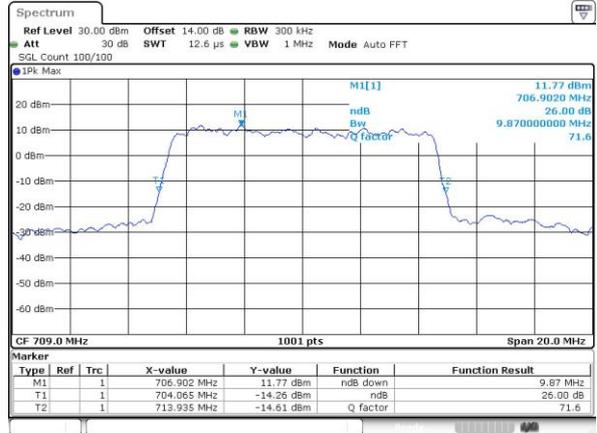
LTE Band 17

Lowest Channel / 10MHz / QPSK



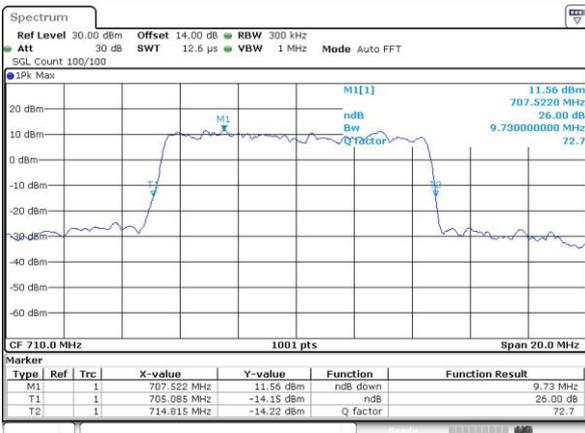
Date: 19\_JUN.2017 19:39:54

Lowest Channel / 10MHz / 16QAM



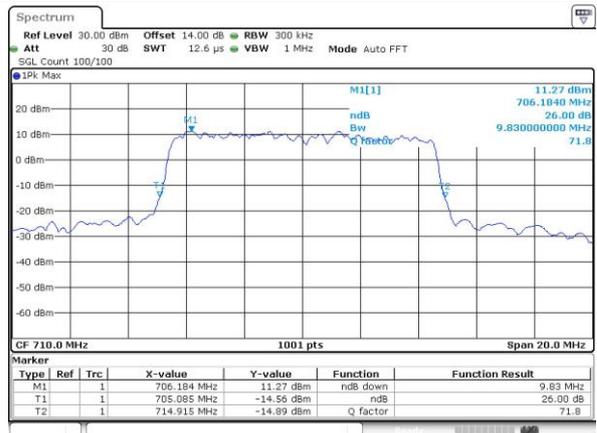
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Middle Channel / 10MHz / QPSK



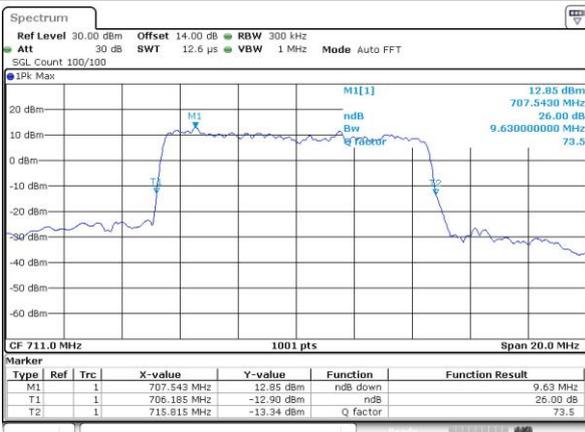
Date: 19\_JUN.2017 19:47:09

Middle Channel / 10MHz / 16QAM



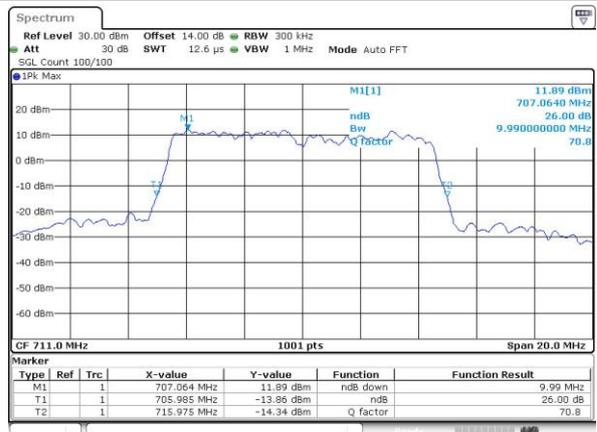
Date: 19\_JUN.2017 19:47:20

Highest Channel / 10MHz / QPSK



Date: 19\_JUN.2017 19:49:44

Highest Channel / 10MHz / 16QAM



Date: 19\_JUN.2017 19:49:55



## 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	2.73	2.72	4.50	4.50	9.03	9.01	13.43	13.46	18.34	18.30
Middle CH	1.09	1.08	2.71	2.73	4.49	4.51	9.07	9.07	13.46	13.43	18.34	18.34
Highest CH	1.09	1.10	2.71	2.72	4.49	4.51	9.09	8.97	13.46	13.49	18.42	18.54

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	1.10	2.72	2.73	4.52	4.52	9.05	8.99	13.46	13.46	18.30	18.46
Middle CH	1.10	1.09	2.72	2.73	4.51	4.49	9.11	8.95	13.40	13.49	18.42	18.62
Highest CH	1.08	1.09	2.72	2.73	4.52	4.52	9.05	8.99	13.49	13.49	18.38	18.46

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	-	-	-	-	4.54	4.51	8.99	9.01	13.43	13.43	18.50	18.54
Middle CH	-	-	-	-	4.52	4.50	9.03	8.99	13.43	13.49	18.50	18.42
Highest CH	-	-	-	-	4.51	4.50	9.01	9.01	13.43	13.49	18.46	18.34

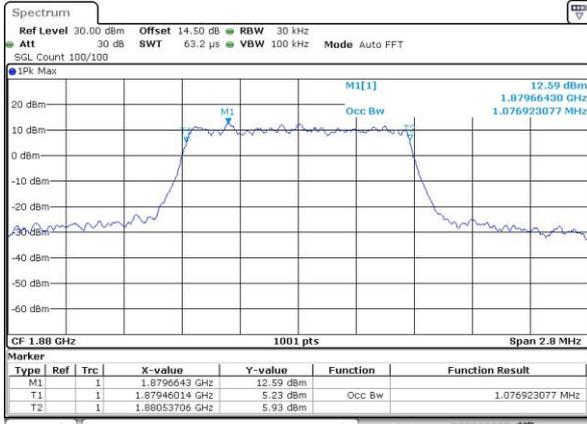
Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.70	2.72	4.49	4.49	8.95	9.07	-	-	-	-
Middle CH	1.09	1.10	2.72	2.73	4.52	4.49	9.13	9.09	-	-	-	-
Highest CH	1.10	1.10	2.72	2.73	4.50	4.50	9.03	9.11	-	-	-	-

Mode	LTE Band 17 : 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	-	-	-	-	4.50	4.49	9.05	9.03	-	-	-	-
Middle CH	-	-	-	-	4.50	4.51	8.97	9.01	-	-	-	-
Highest CH	-	-	-	-	4.49	4.51	8.99	9.05	-	-	-	-



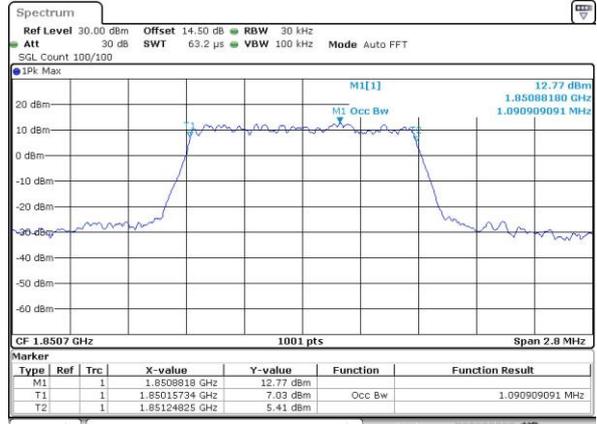
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



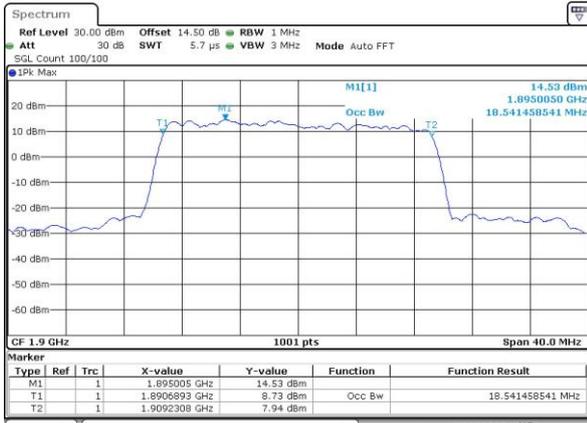
Date: 16 JUN 2017 18:01:43

Lowest Channel / 1.4MHz / 16QAM



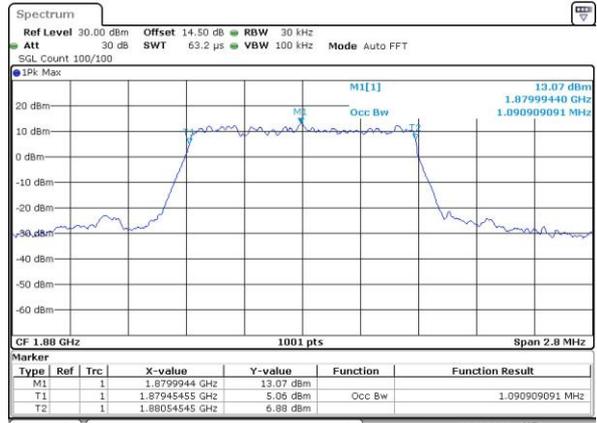
Date: 16 JUN 2017 17:54:14

Middle Channel / 1.4MHz / QPSK



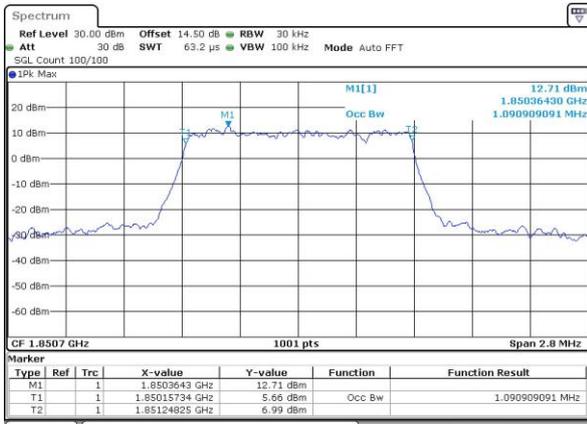
Date: 16 JUN 2017 19:30:10

Middle Channel / 1.4MHz / 16QAM



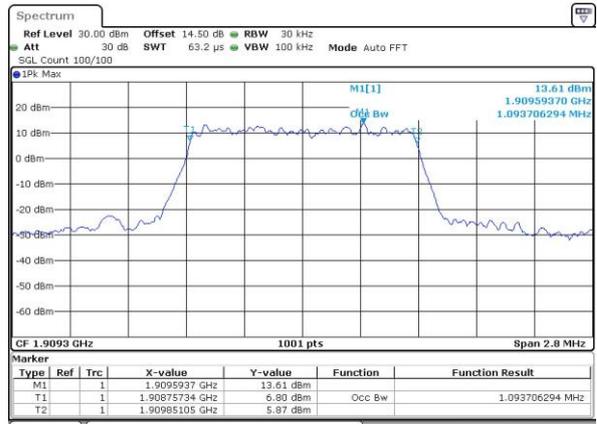
Date: 16 JUN 2017 18:01:32

Highest Channel / 1.4MHz / QPSK



Date: 16 JUN 2017 17:54:26

Highest Channel / 1.4MHz / 16QAM

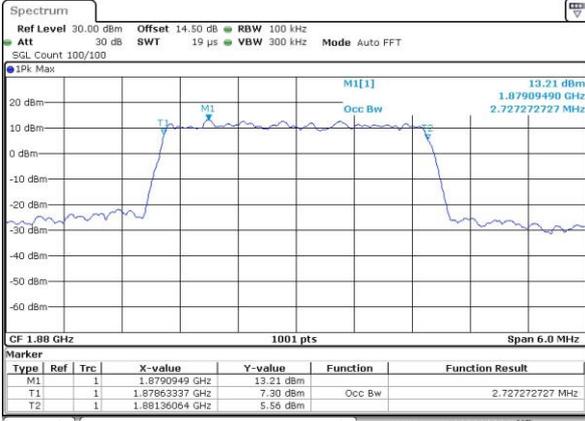


Date: 16 JUN 2017 18:04:09



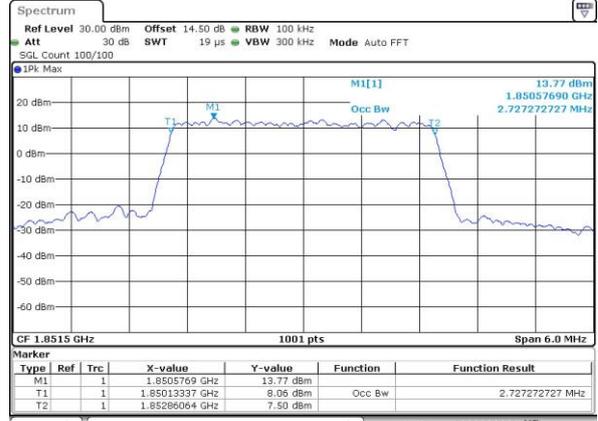
LTE Band 2

Lowest Channel / 3MHz / QPSK



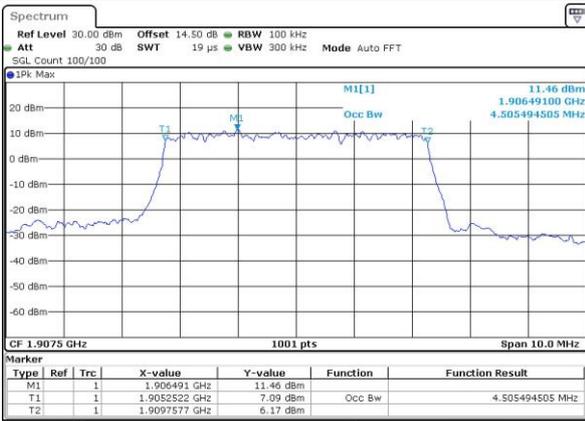
Date: 16 JUN 2017 18:18:54

Lowest Channel / 3MHz / 16QAM



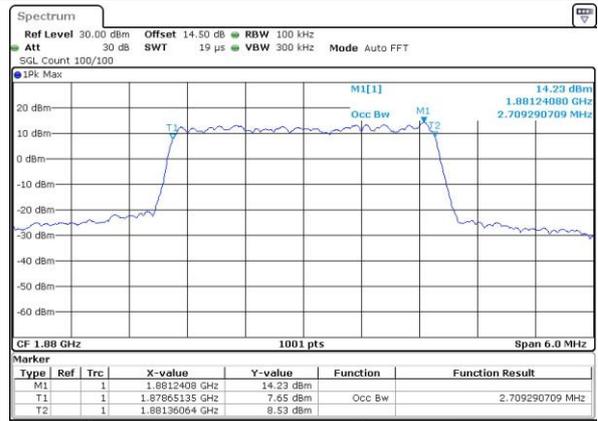
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Middle Channel / 3MHz / QPSK



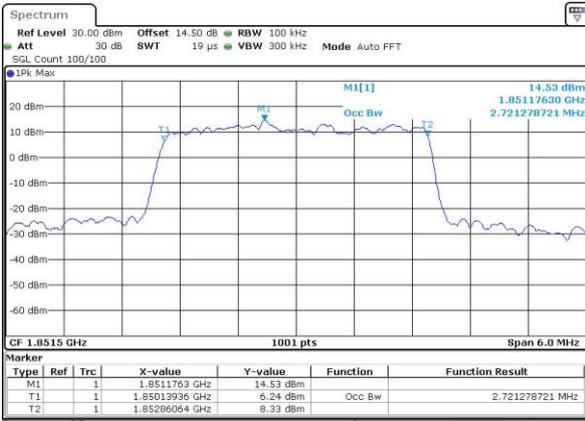
Date: 16 JUN 2017 18:38:42

Middle Channel / 3MHz / 16QAM



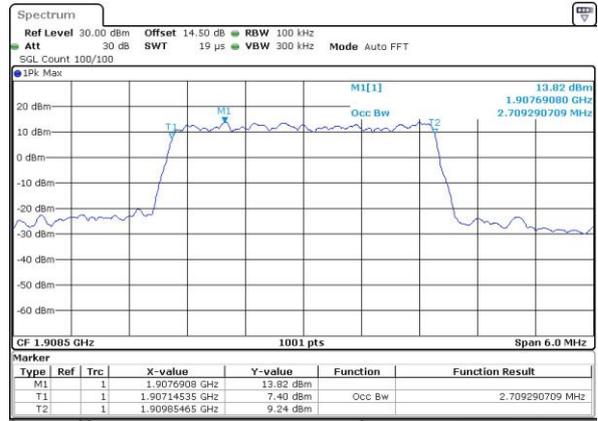
Date: 16 JUN 2017 18:18:43

Highest Channel / 3MHz / QPSK



Date: 16 JUN 2017 18:11:37

Highest Channel / 3MHz / 16QAM

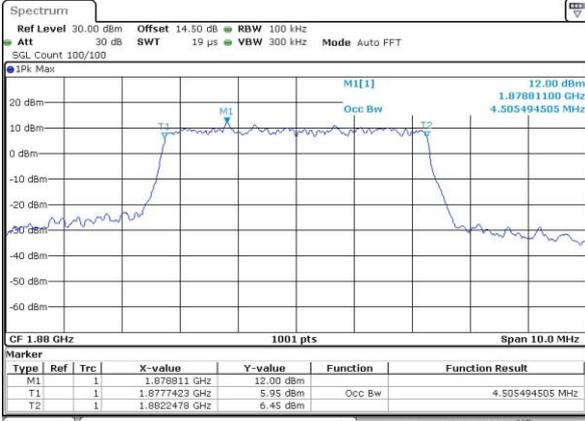


Date: 16 JUN 2017 18:21:20



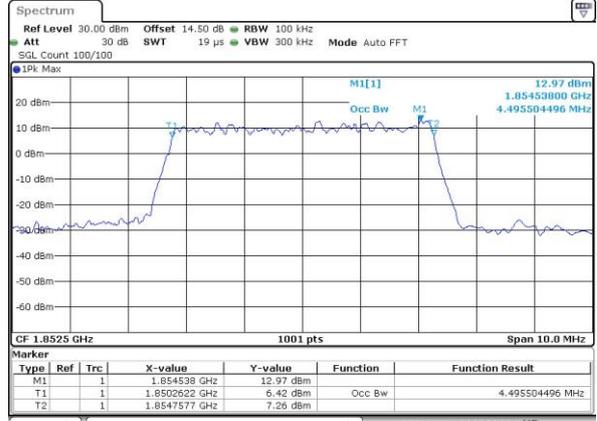
LTE Band 2

Lowest Channel / 5MHz / QPSK



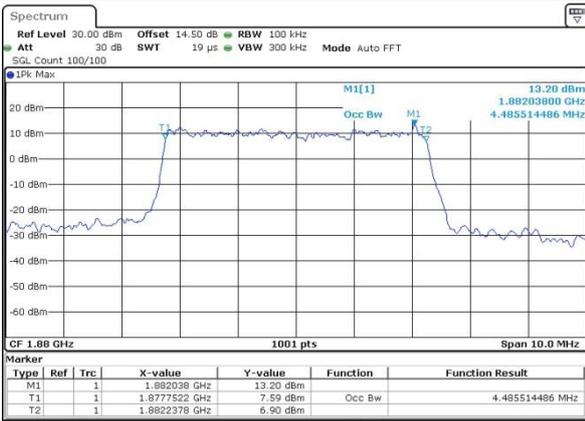
Date: 16 JUN 2017 18:36:05

Lowest Channel / 5MHz / 16QAM



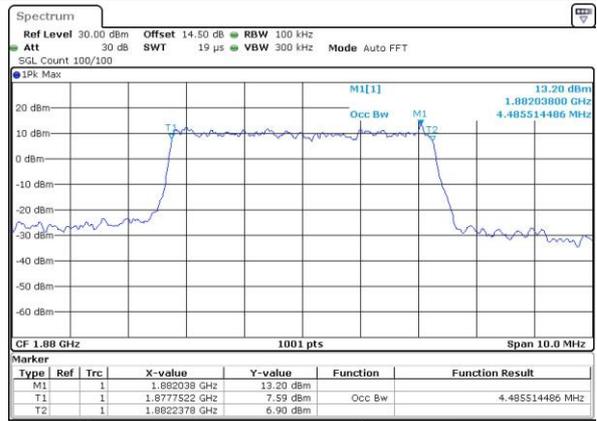
Date: 16 JUN 2017 18:28:37

Middle Channel / 5MHz / QPSK



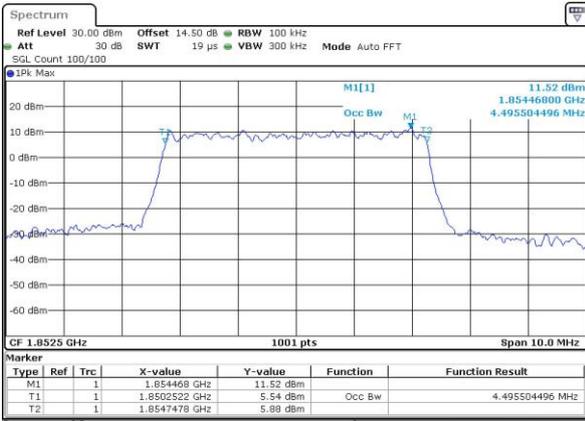
Date: 16 JUN 2017 18:35:54

Middle Channel / 5MHz / 16QAM



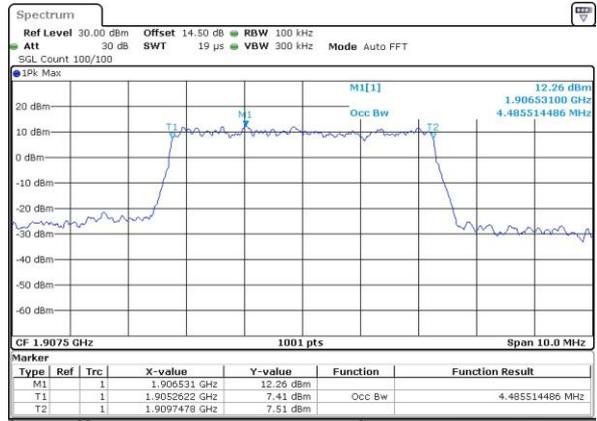
Date: 16 JUN 2017 18:35:54

Highest Channel / 5MHz / QPSK



Date: 16 JUN 2017 18:28:48

Highest Channel / 5MHz / 16QAM

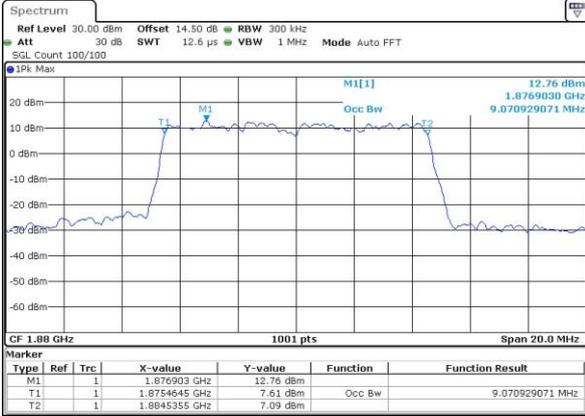


Date: 16 JUN 2017 18:38:31



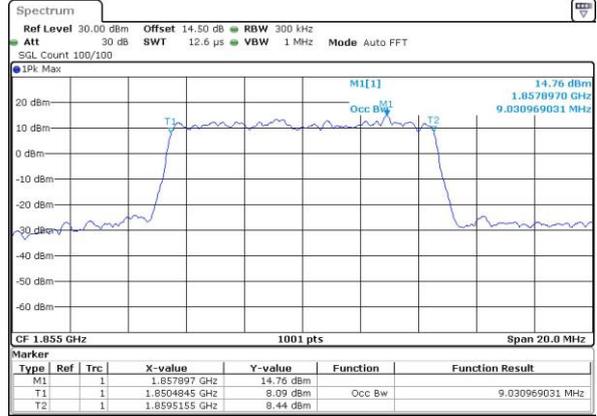
LTE Band 2

Lowest Channel / 10MHz / QPSK



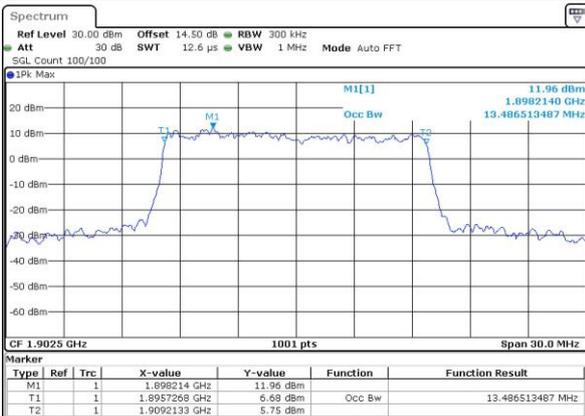
Date: 16 JUN 2017 18:53:14

Lowest Channel / 10MHz / 16QAM



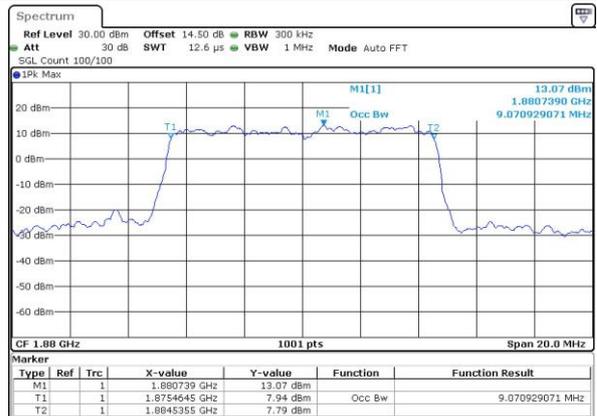
Date: 16 JUN 2017 18:45:47

Middle Channel / 10MHz / QPSK



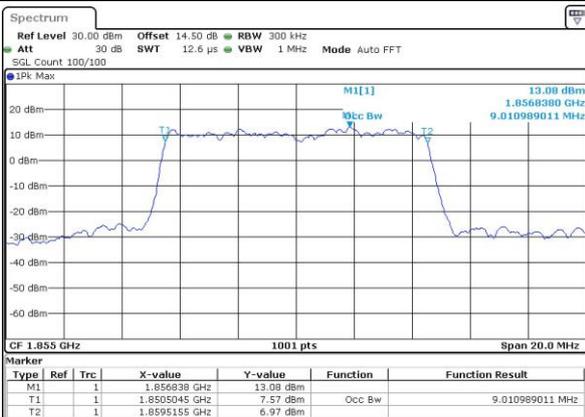
Date: 16 JUN 2017 19:13:01

Middle Channel / 10MHz / 16QAM



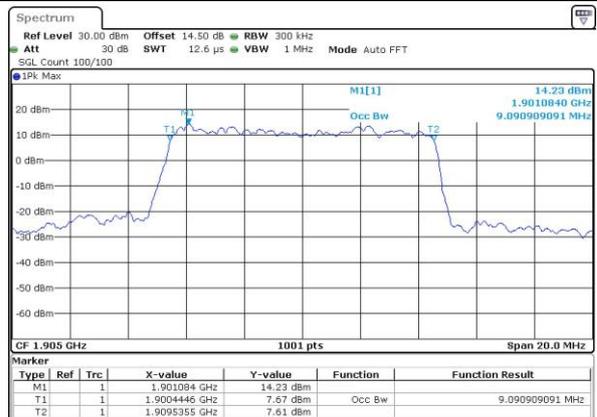
Date: 16 JUN 2017 18:55:04

Highest Channel / 10MHz / QPSK



Date: 16 JUN 2017 18:45:58

Highest Channel / 10MHz / 16QAM

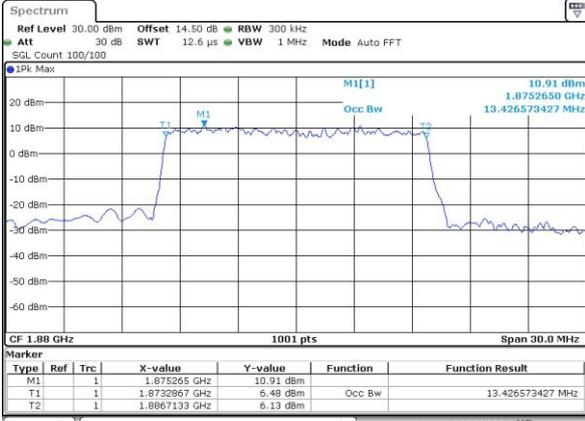


Date: 16 JUN 2017 18:55:40



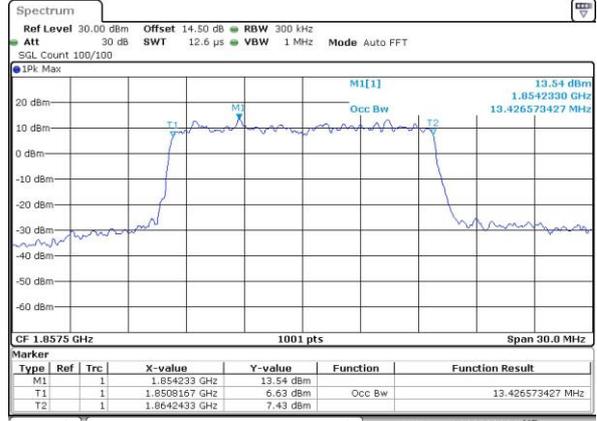
LTE Band 2

Lowest Channel / 15MHz / QPSK



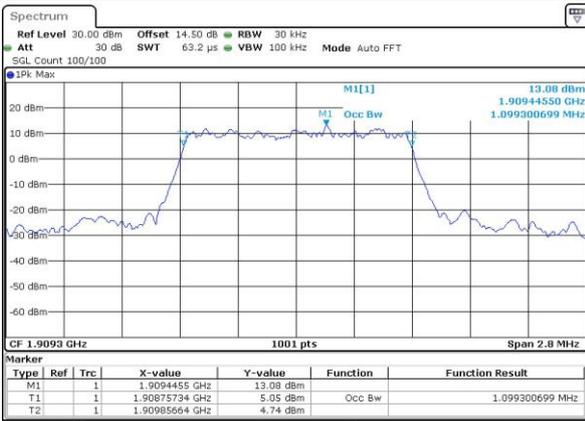
Date: 16 JUN 2017 19:10:24

Lowest Channel / 15MHz / 16QAM



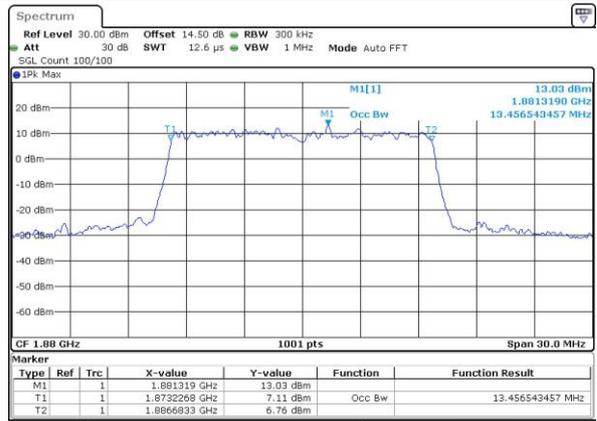
Date: 16 JUN 2017 19:02:57

Middle Channel / 15MHz / QPSK



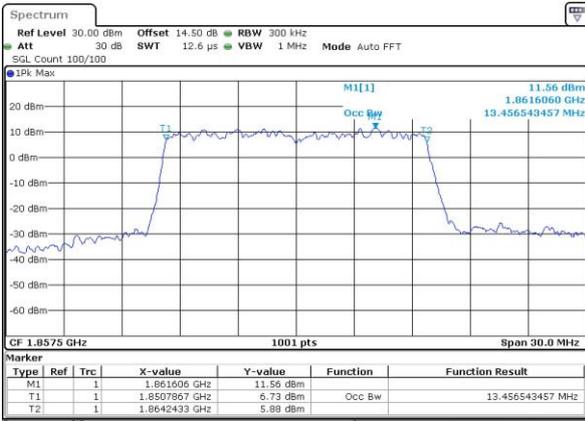
Date: 16 JUN 2017 18:04:20

Middle Channel / 15MHz / 16QAM



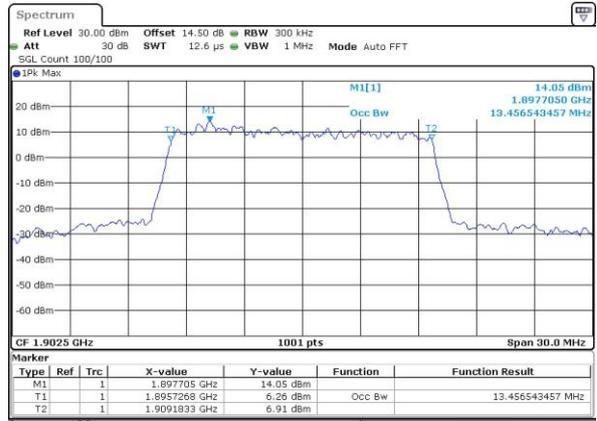
Date: 16 JUN 2017 19:10:13

Highest Channel / 15MHz / QPSK



Date: 16 JUN 2017 19:03:07

Highest Channel / 15MHz / 16QAM

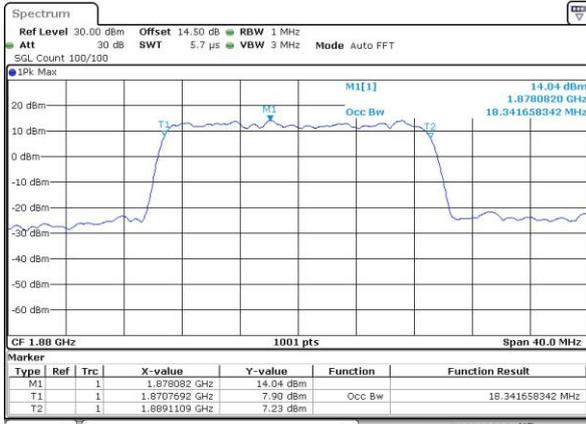


Date: 16 JUN 2017 19:12:50



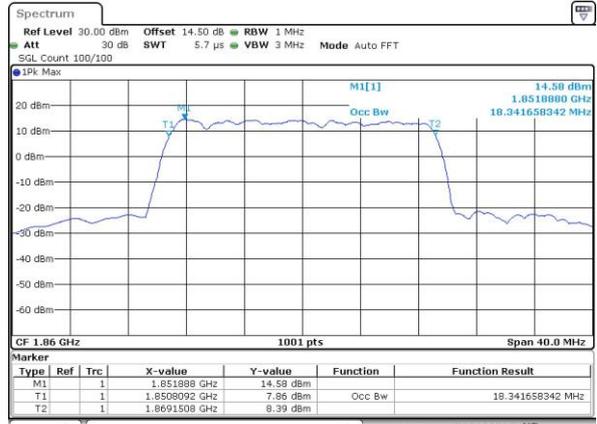
LTE Band 2

Lowest Channel / 20MHz / QPSK



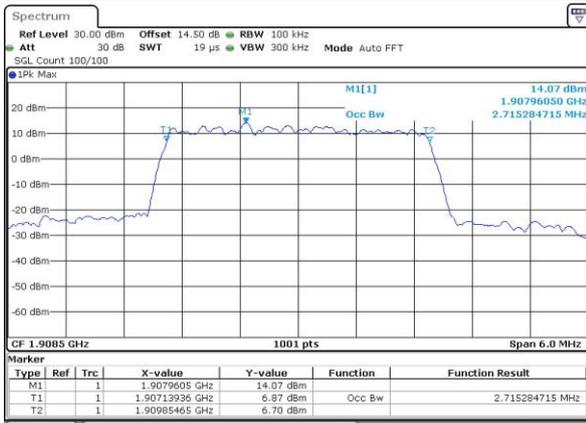
Date: 16 JUN 2017 19:27:33

Lowest Channel / 20MHz / 16QAM



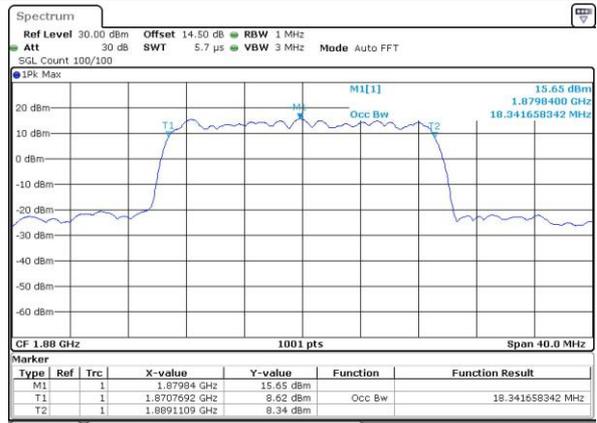
Date: 16 JUN 2017 19:20:06

Middle Channel / 20MHz / QPSK



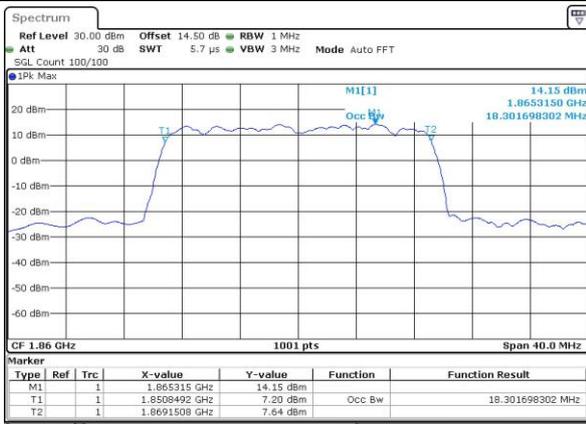
Date: 16 JUN 2017 18:21:01

Middle Channel / 20MHz / 16QAM



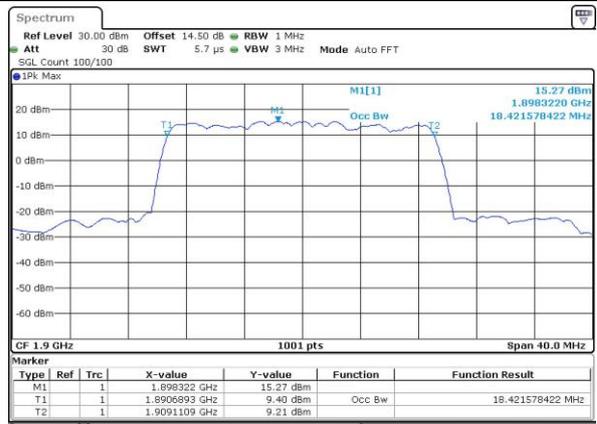
Date: 16 JUN 2017 19:12:12

Highest Channel / 20MHz / QPSK



Date: 16 JUN 2017 19:20:17

Highest Channel / 20MHz / 16QAM

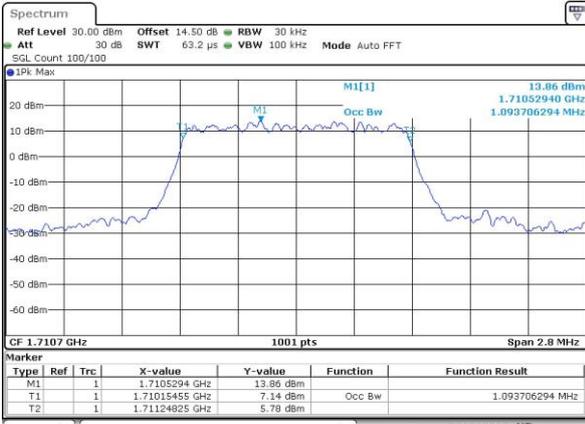


Date: 16 JUN 2017 19:29:59



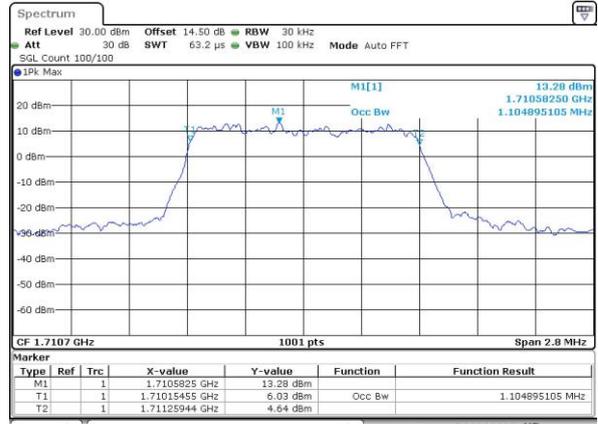
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



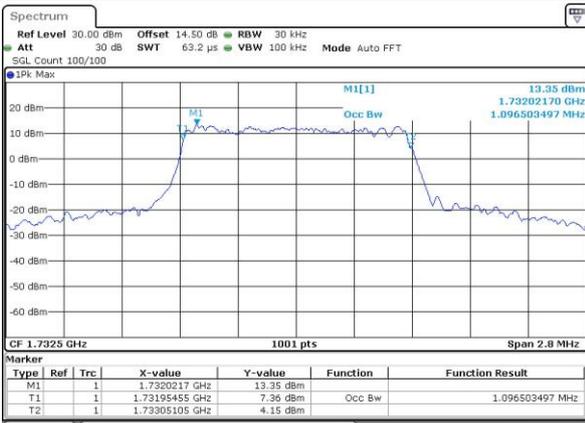
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Lowest Channel / 1.4MHz / 16QAM



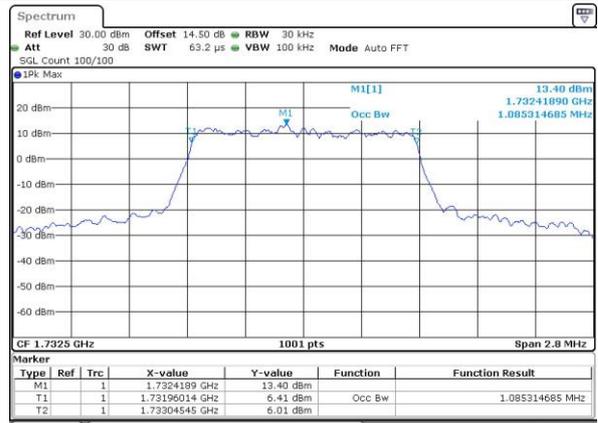
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Middle Channel / 1.4MHz / QPSK



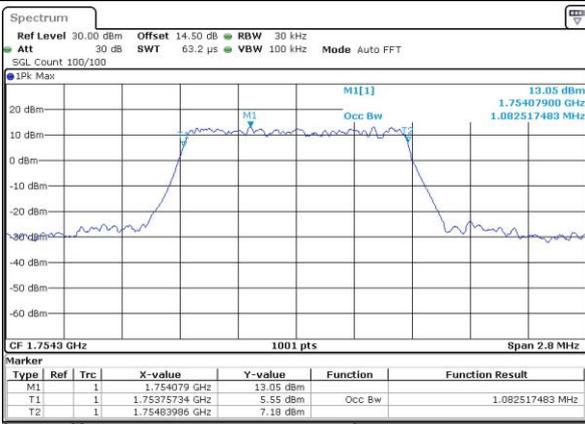
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Middle Channel / 1.4MHz / 16QAM



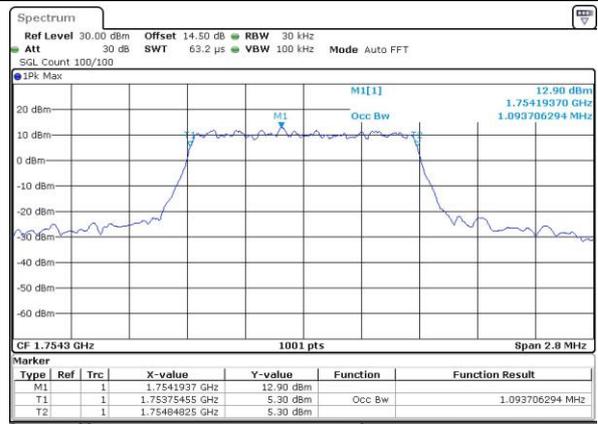
Date: 16 JUN 2017 19:57:16

Highest Channel / 1.4MHz / QPSK



Date: 16 JUN 2017 19:59:42

Highest Channel / 1.4MHz / 16QAM

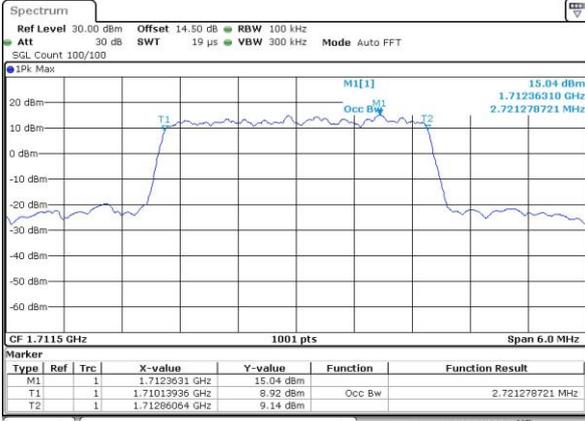


Date: 16 JUN 2017 19:59:53



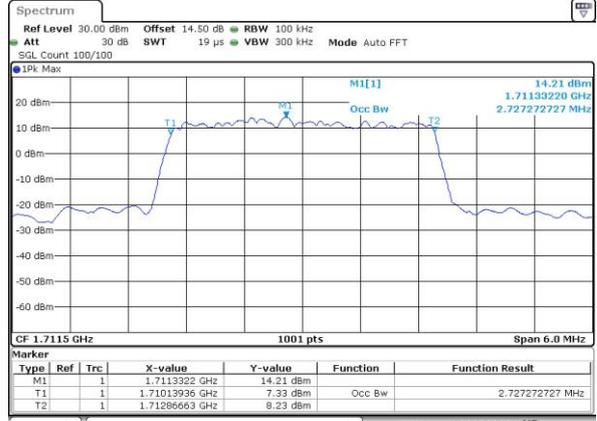
LTE Band 4

Lowest Channel / 3MHz / QPSK



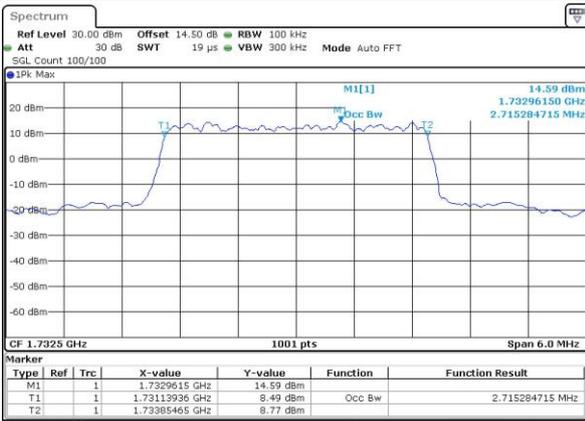
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Lowest Channel / 3MHz / 16QAM



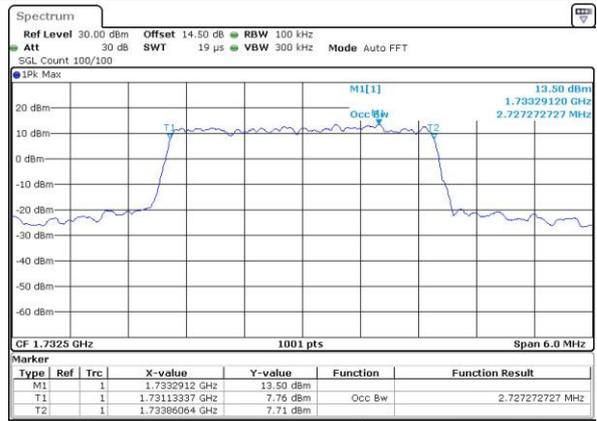
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Middle Channel / 3MHz / QPSK



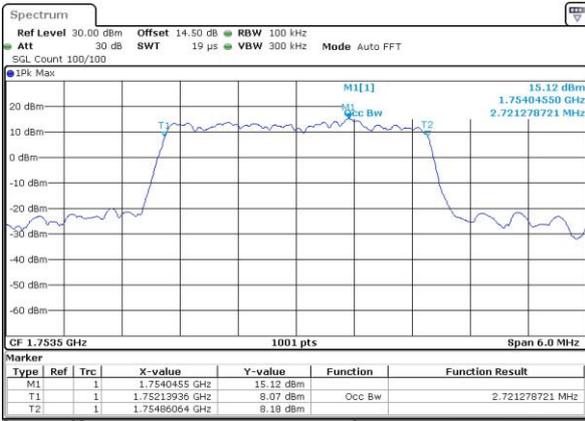
Date: 16 JUN 2017 20:14:13

Middle Channel / 3MHz / 16QAM



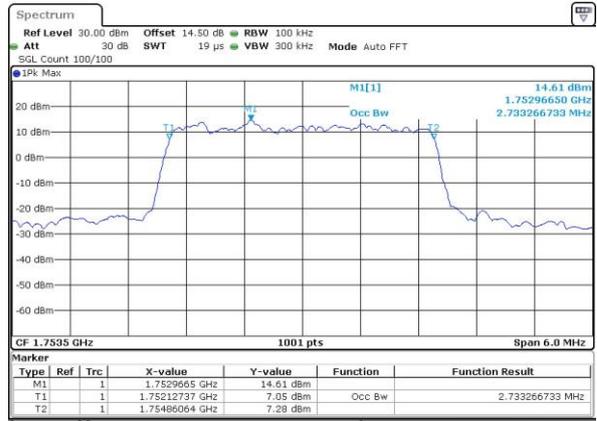
Date: 16 JUN 2017 20:14:23

Highest Channel / 3MHz / QPSK



Date: 16 JUN 2017 20:16:49

Highest Channel / 3MHz / 16QAM

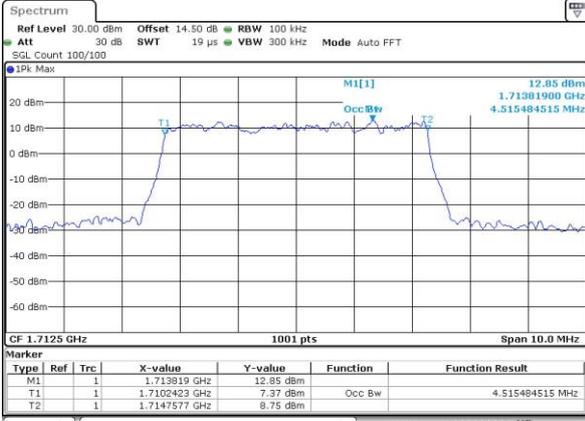


Date: 16 JUN 2017 20:17:00



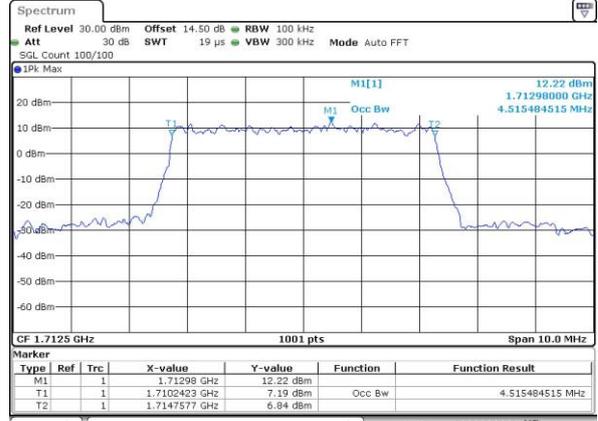
LTE Band 4

Lowest Channel / 5MHz / QPSK



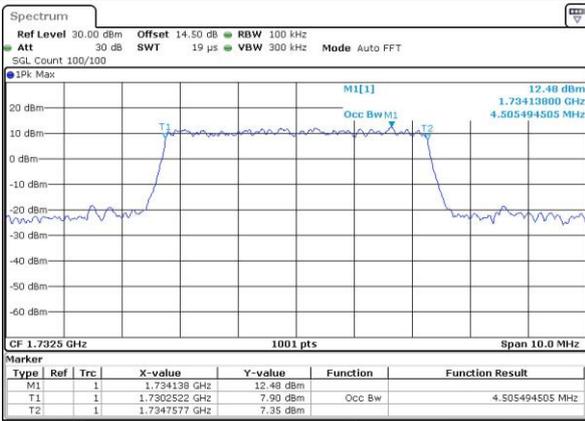
Date: 16 JUN 2017 20:24:03

Lowest Channel / 5MHz / 16QAM



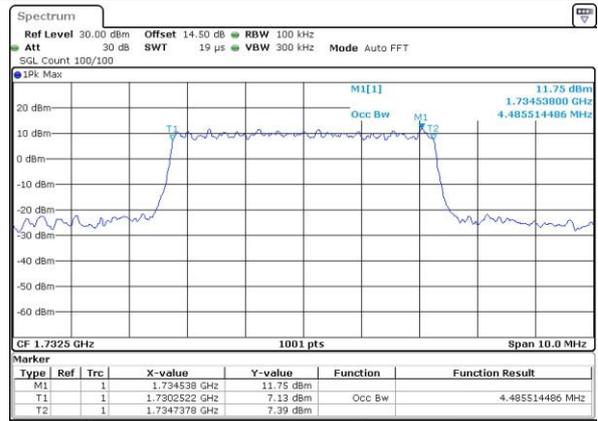
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Middle Channel / 5MHz / QPSK



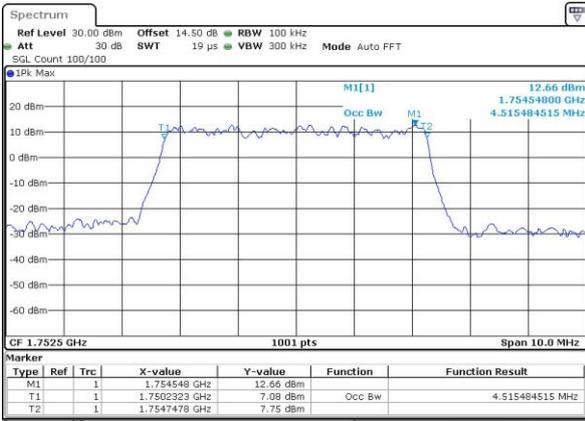
Date: 16 JUN 2017 20:31:18

Middle Channel / 5MHz / 16QAM



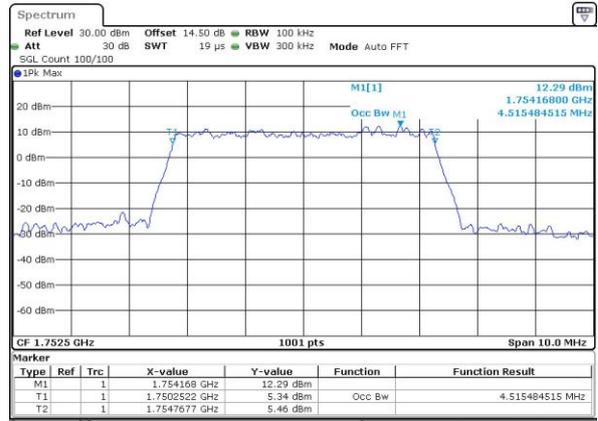
Date: 16 JUN 2017 20:31:28

Highest Channel / 5MHz / QPSK



Date: 16 JUN 2017 20:33:54

Highest Channel / 5MHz / 16QAM

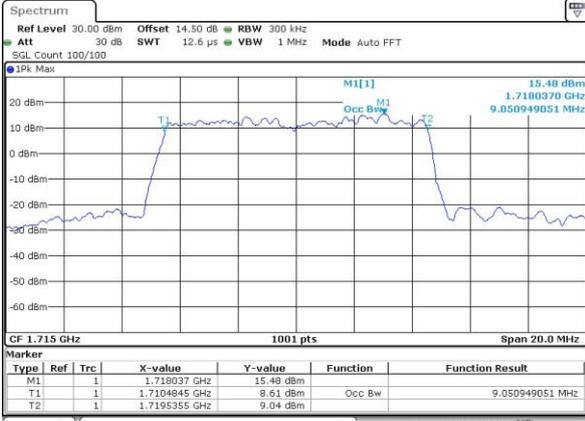


Date: 16 JUN 2017 20:34:05



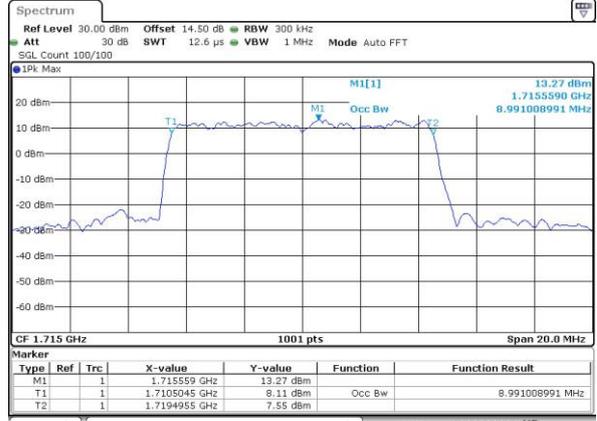
LTE Band 4

Lowest Channel / 10MHz / QPSK



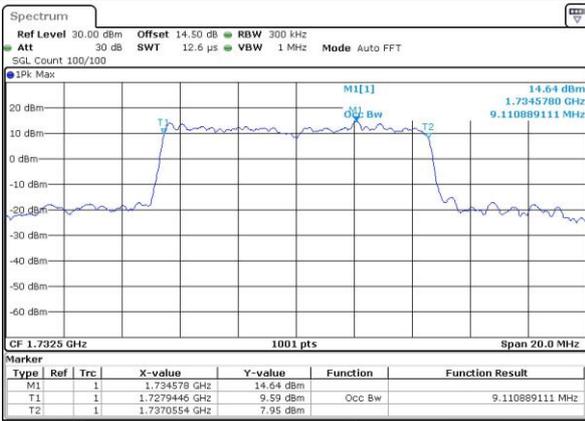
Date: 16 JUN 2017 23:49:27

Lowest Channel / 10MHz / 16QAM



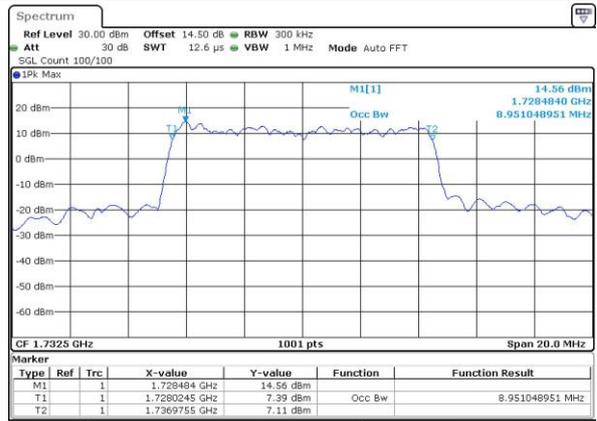
Date: 16 JUN 2017 23:49:39

Middle Channel / 10MHz / QPSK



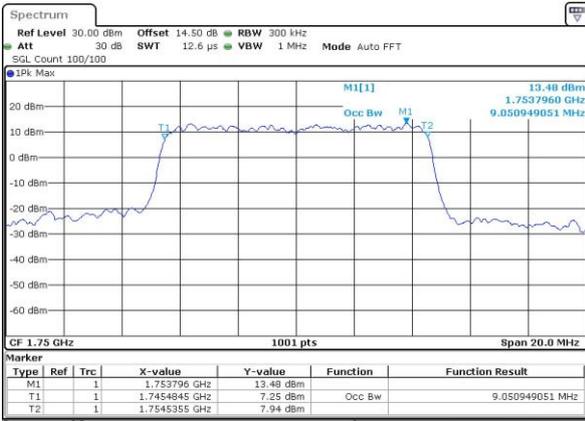
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Middle Channel / 10MHz / 16QAM



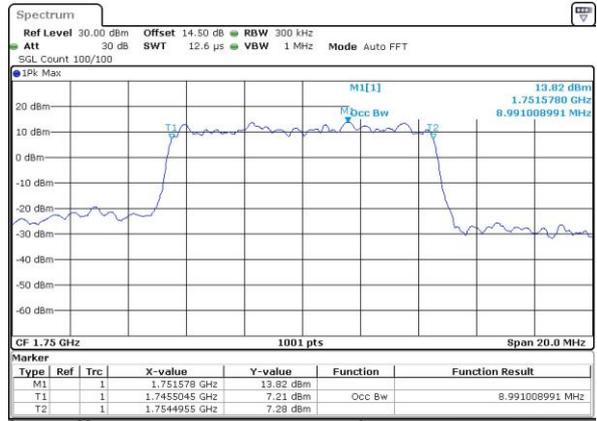
Date: 16 JUN 2017 23:56:53

Highest Channel / 10MHz / QPSK



Date: 16 JUN 2017 23:59:18

Highest Channel / 10MHz / 16QAM

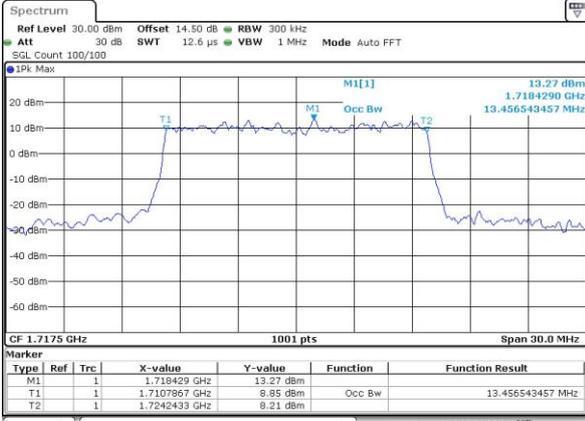


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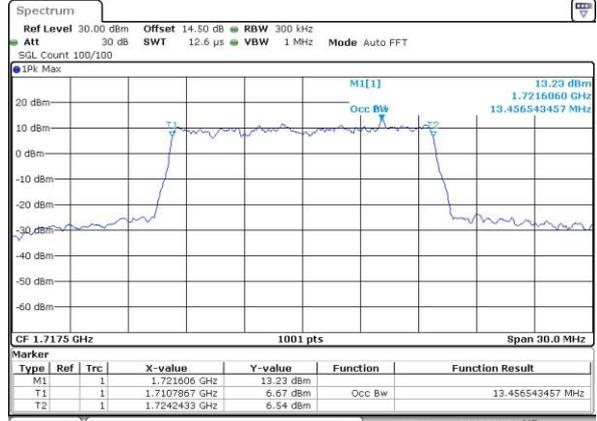
LTE Band 4

Lowest Channel / 15MHz / QPSK



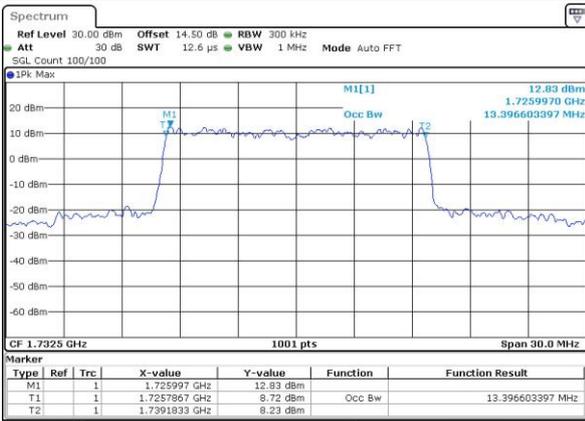
Date: 17\_JUN,2017 00:06:33

Lowest Channel / 15MHz / 16QAM



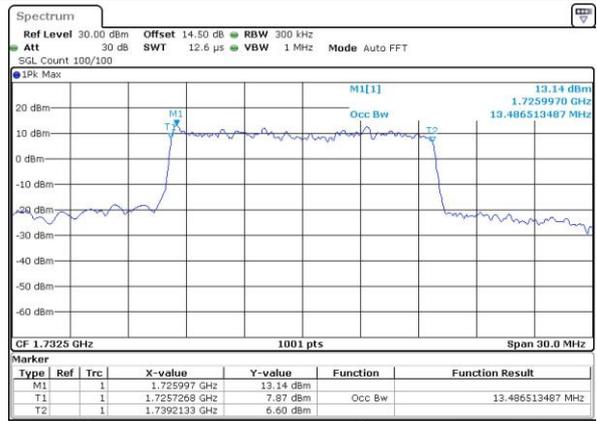
Date: 17\_JUN,2017 00:06:44

Middle Channel / 15MHz / QPSK



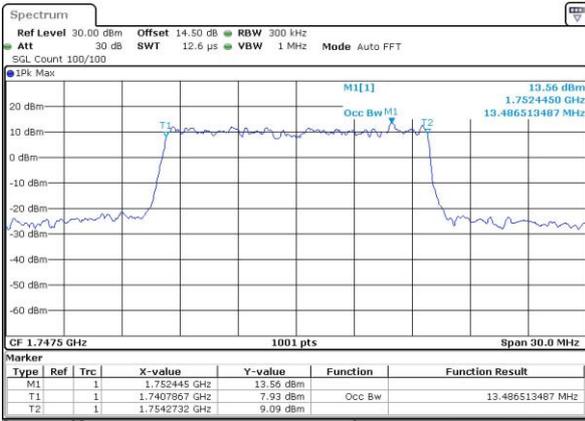
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Middle Channel / 15MHz / 16QAM



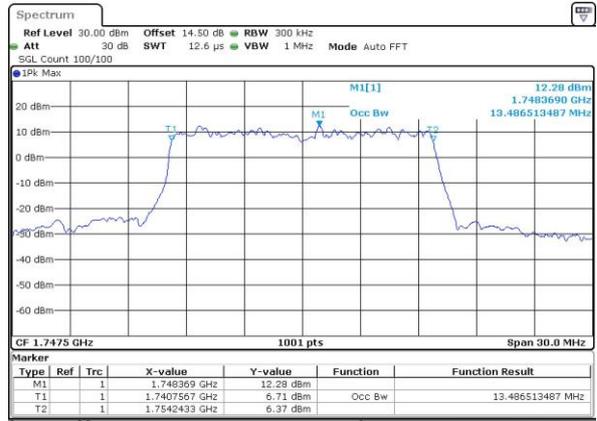
Date: 17\_JUN,2017 00:13:58

Highest Channel / 15MHz / QPSK



Date: 17\_JUN,2017 00:16:23

Highest Channel / 15MHz / 16QAM

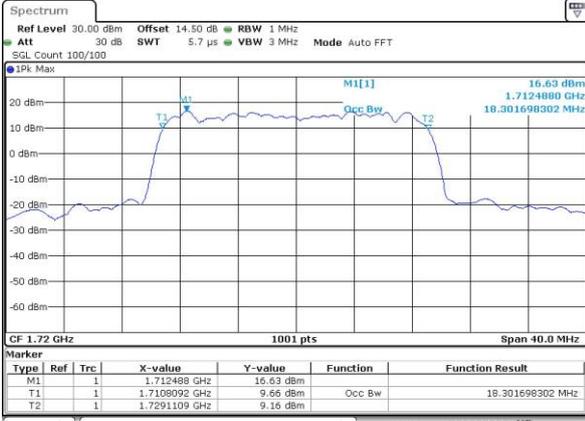


Date: 17\_JUN,2017 00:16:34



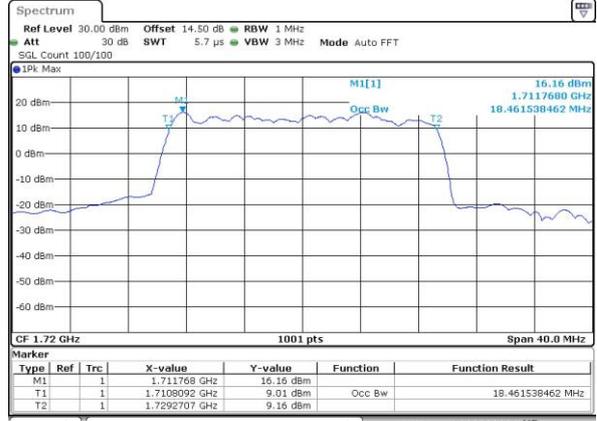
LTE Band 4

Lowest Channel / 20MHz / QPSK



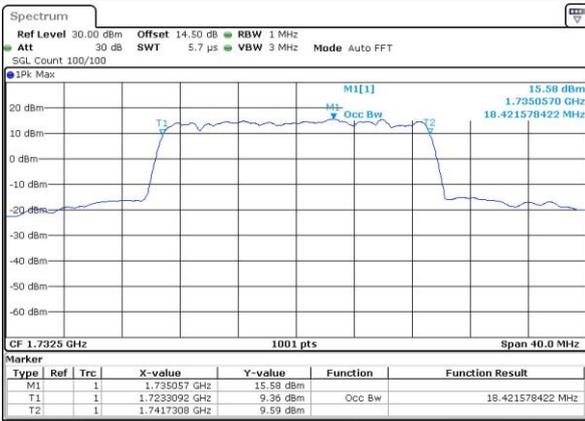
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Lowest Channel / 20MHz / 16QAM



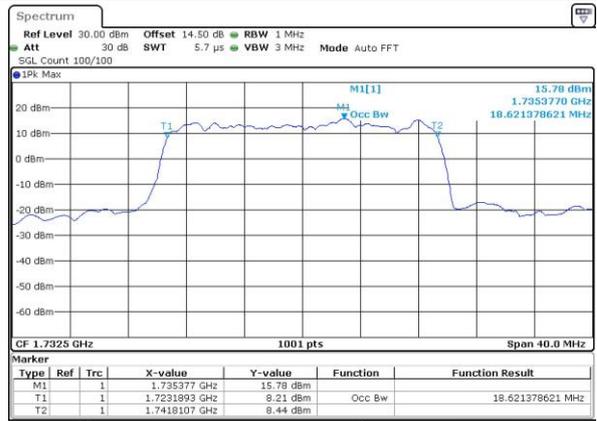
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Middle Channel / 20MHz / QPSK



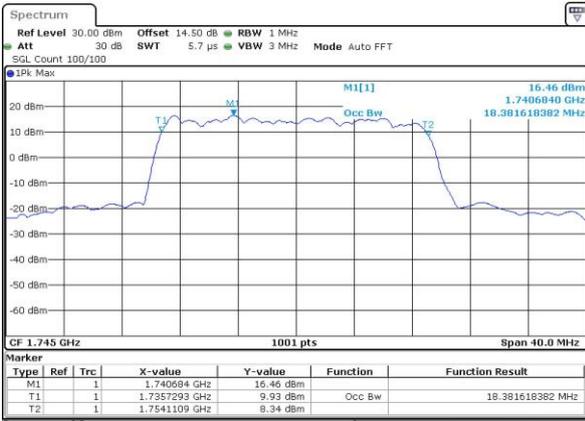
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Middle Channel / 20MHz / 16QAM



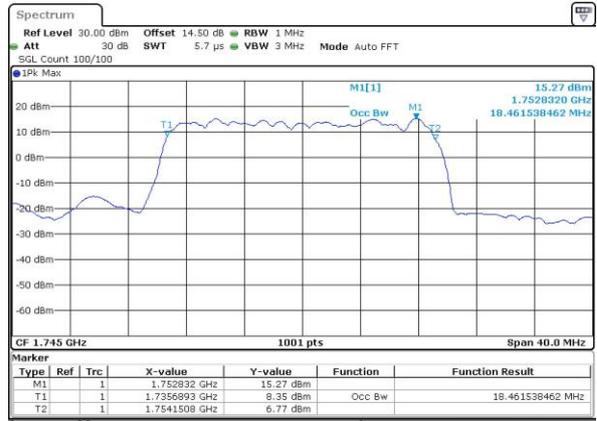
Date: 17\_JUN,2017 00:31:03

Highest Channel / 20MHz / QPSK



Date: 17\_JUN,2017 00:33:28

Highest Channel / 20MHz / 16QAM

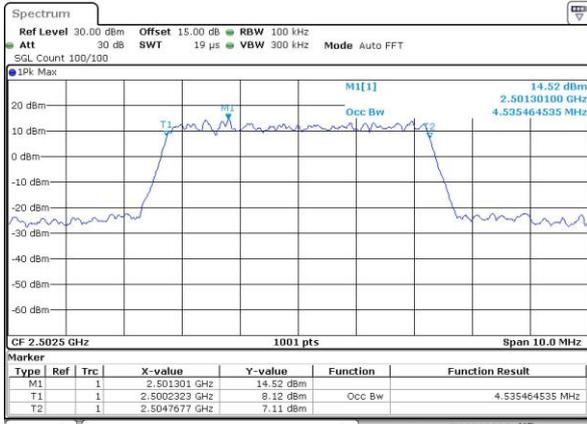


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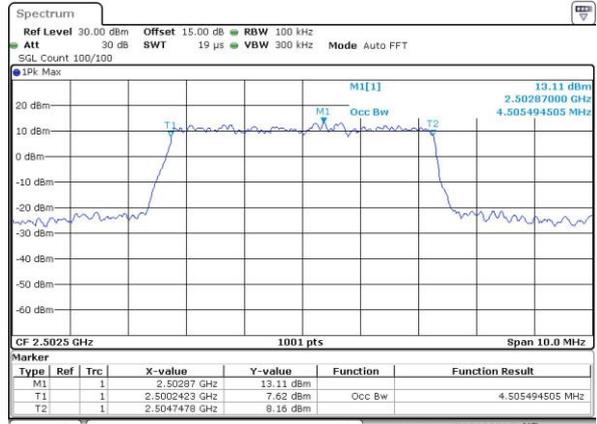
LTE Band 7

Lowest Channel / 5MHz / QPSK



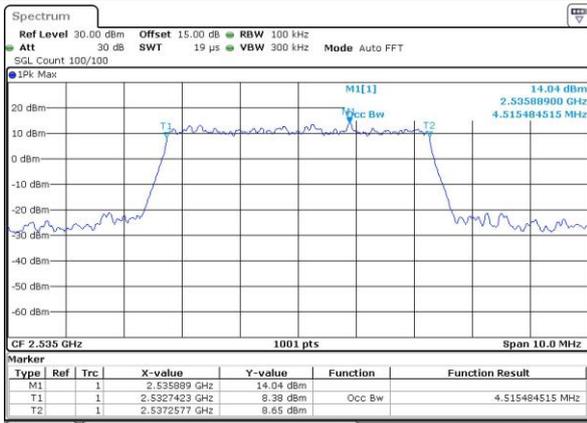
Date: 15 JUN 2017 09:02:07

Lowest Channel / 5MHz / 16QAM



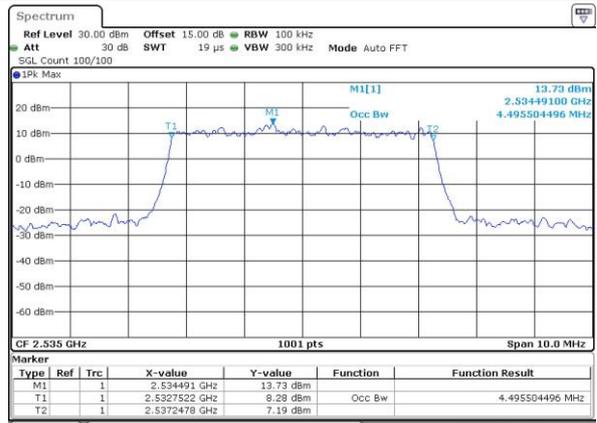
Date: 15 JUN 2017 09:02:19

Middle Channel / 5MHz / QPSK



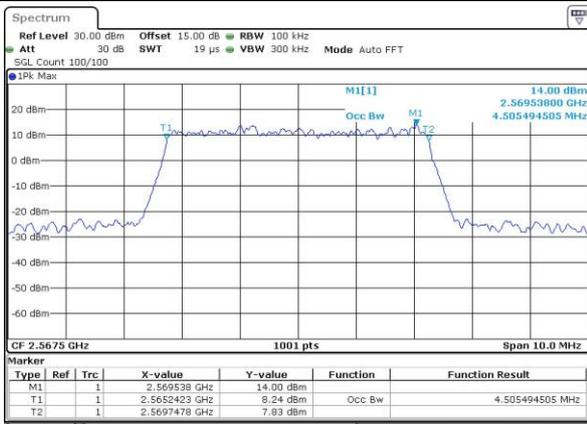
Date: 15 JUN 2017 09:09:32

Middle Channel / 5MHz / 16QAM



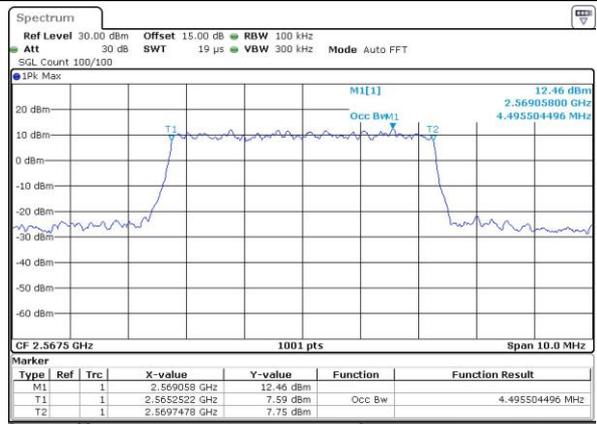
Date: 15 JUN 2017 09:09:44

Highest Channel / 5MHz / QPSK



Date: 15 JUN 2017 09:12:10

Highest Channel / 5MHz / 16QAM



Date: 15 JUN 2017 09:12:22