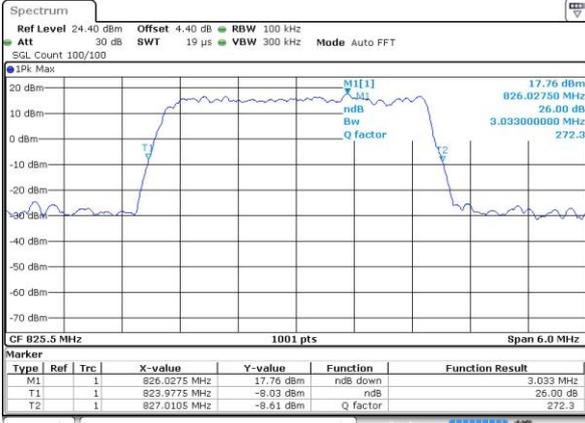




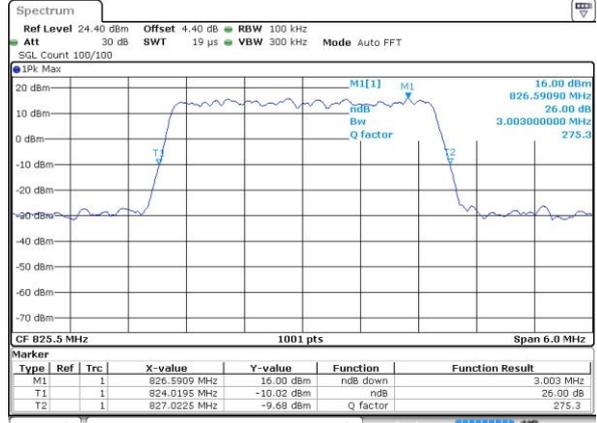
LTE Band 5

Lowest Channel / 3MHz / QPSK



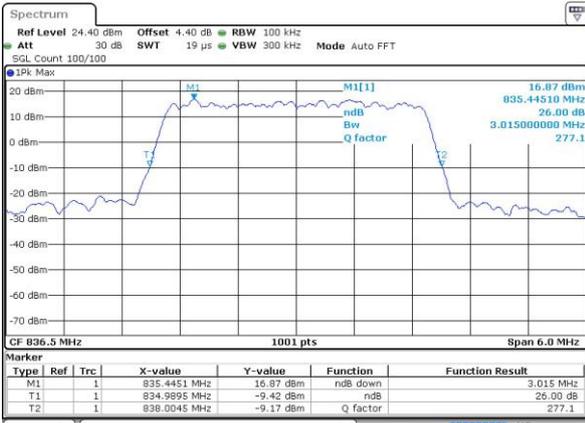
Date: 23 SEP 2016 23:56:03

Lowest Channel / 3MHz / 16QAM



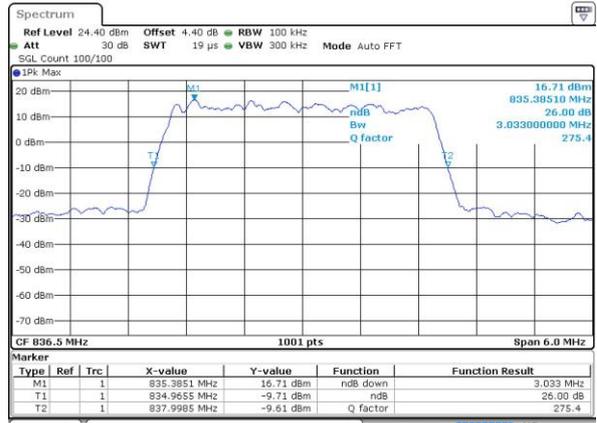
Date: 23 SEP 2016 23:56:14

Middle Channel / 3MHz / QPSK



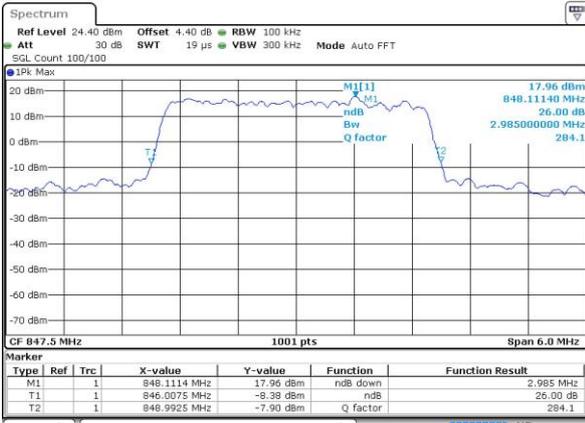
Date: 24 SEP 2016 00:07:15

Middle Channel / 3MHz / 16QAM



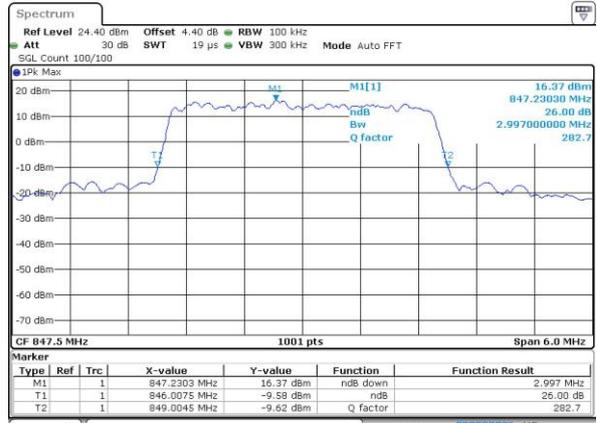
Date: 24 SEP 2016 00:07:26

Highest Channel / 3MHz / QPSK



Date: 24 SEP 2016 00:09:52

Highest Channel / 3MHz / 16QAM

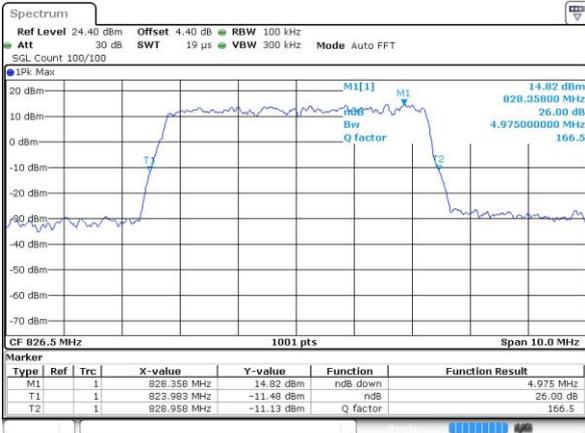


Date: 24 SEP 2016 00:10:04



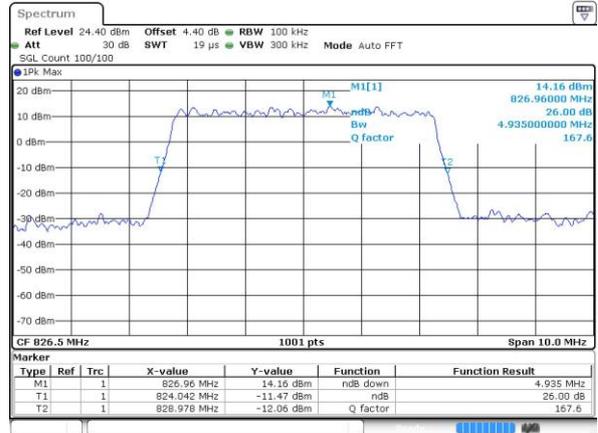
LTE Band 5

Lowest Channel / 5MHz / QPSK



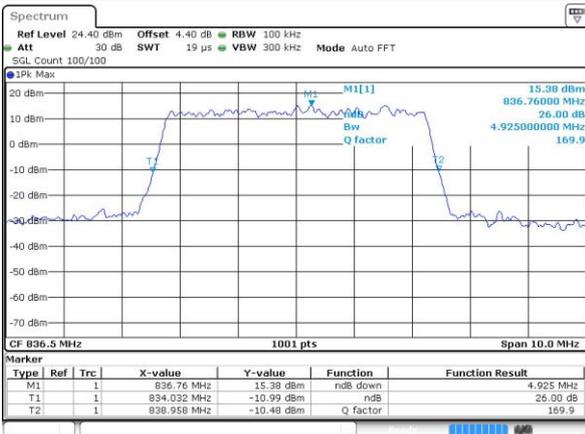
Date: 24 SEP 2016 00:21:04

Lowest Channel / 5MHz / 16QAM



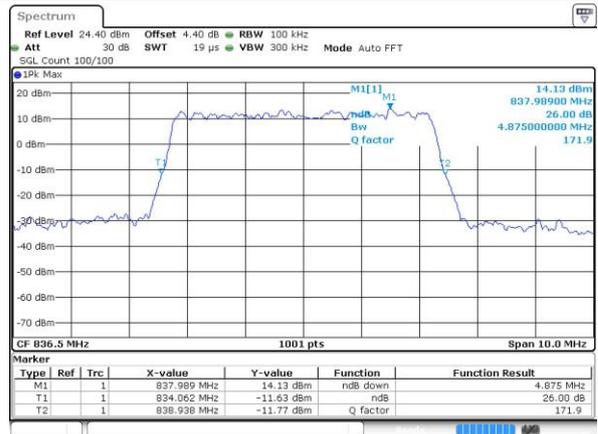
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Middle Channel / 5MHz / QPSK



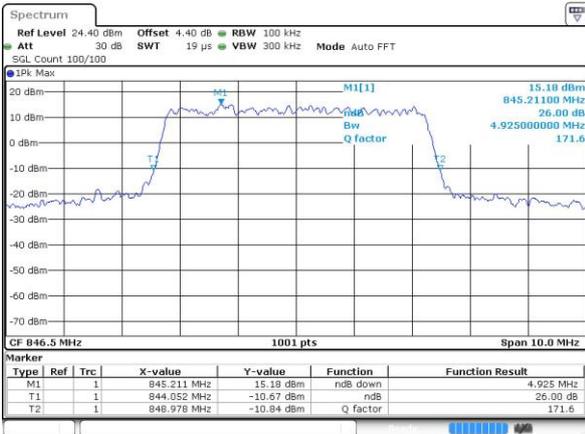
Date: 24 SEP 2016 00:32:16

Middle Channel / 5MHz / 16QAM



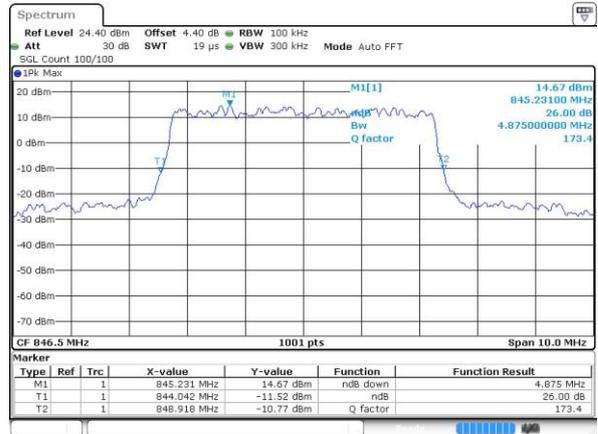
Date: 24 SEP 2016 00:32:27

Highest Channel / 5MHz / QPSK



Date: 24 SEP 2016 00:34:53

Highest Channel / 5MHz / 16QAM

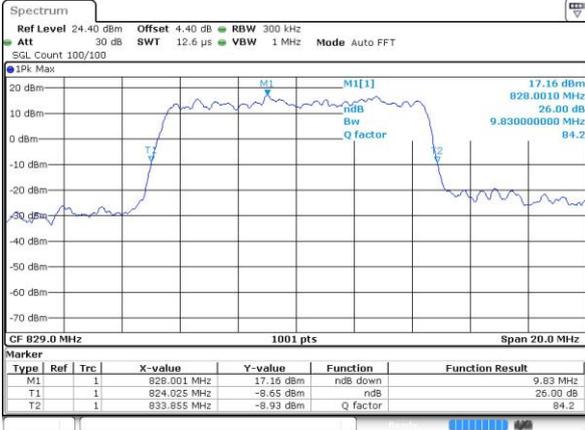


Date: 24 SEP 2016 00:35:04



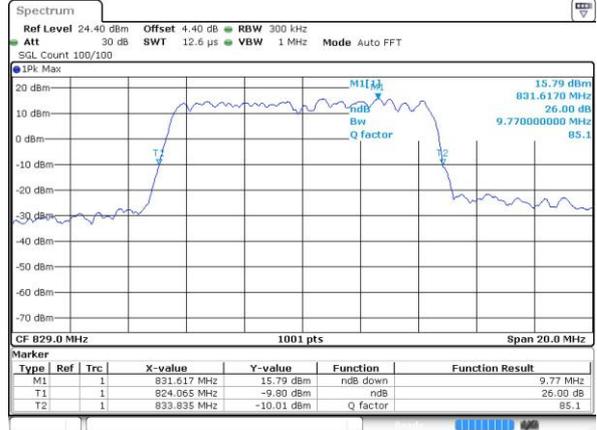
LTE Band 5

Lowest Channel / 10MHz / QPSK



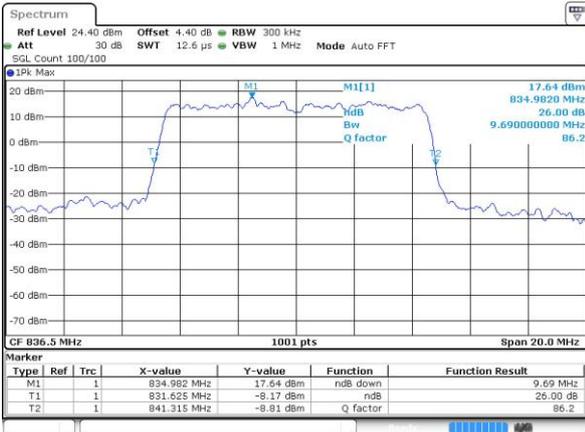
Date: 24 SEP 2016 00:46:05

Lowest Channel / 10MHz / 16QAM



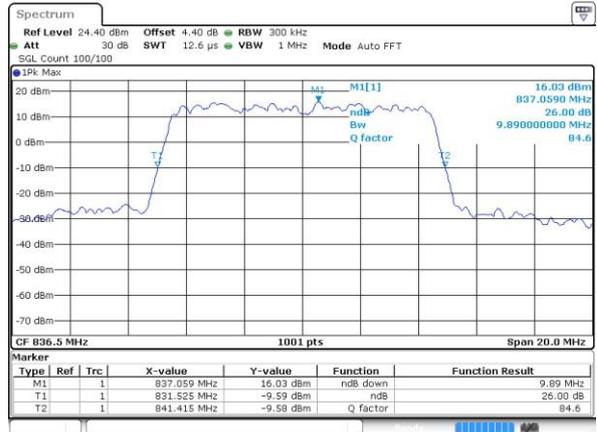
Date: 24 SEP 2016 00:46:16

Middle Channel / 10MHz / QPSK



Date: 24 SEP 2016 00:57:16

Middle Channel / 10MHz / 16QAM



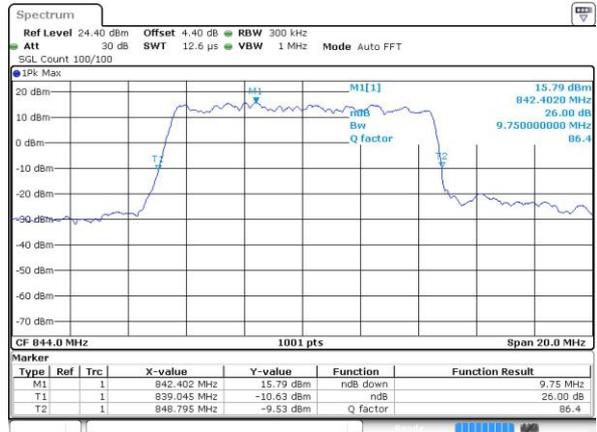
Date: 24 SEP 2016 00:57:27

Highest Channel / 10MHz / QPSK



Date: 24 SEP 2016 00:59:53

Highest Channel / 10MHz / 16QAM

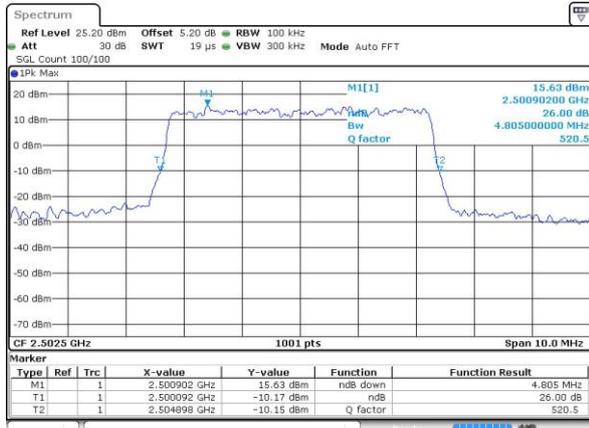


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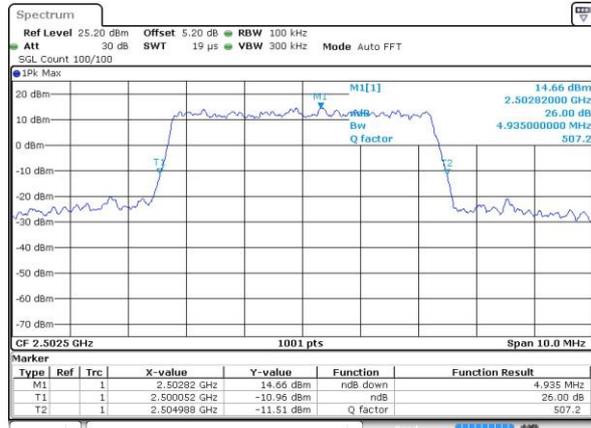
LTE Band 7

Lowest Channel / 5MHz / QPSK



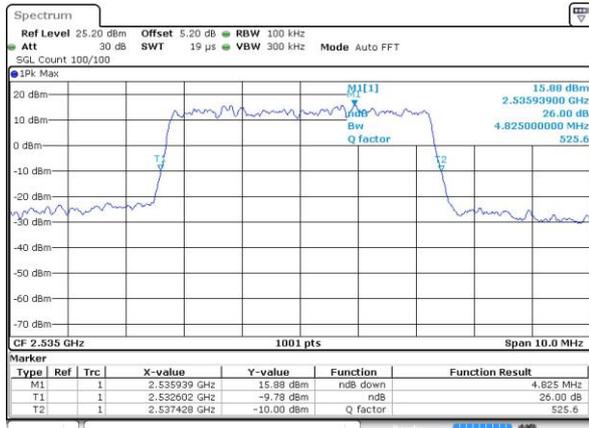
Date: 23 SEP 2016 14:12:04

Lowest Channel / 5MHz / 16QAM



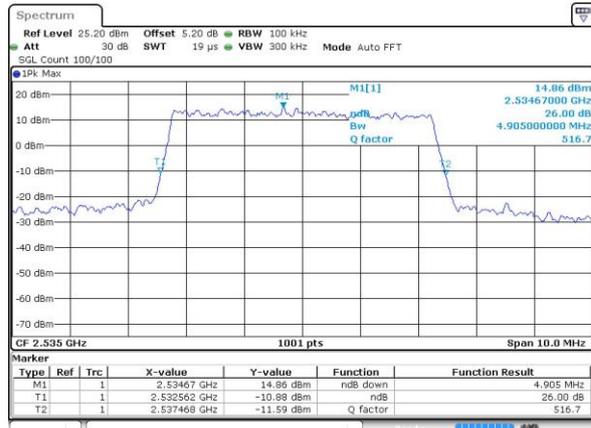
Date: 23 SEP 2016 14:12:26

Middle Channel / 5MHz / QPSK



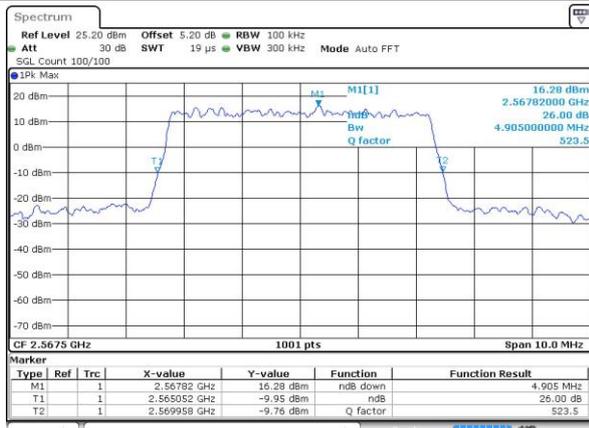
Date: 23 SEP 2016 14:13:10

Middle Channel / 5MHz / 16QAM



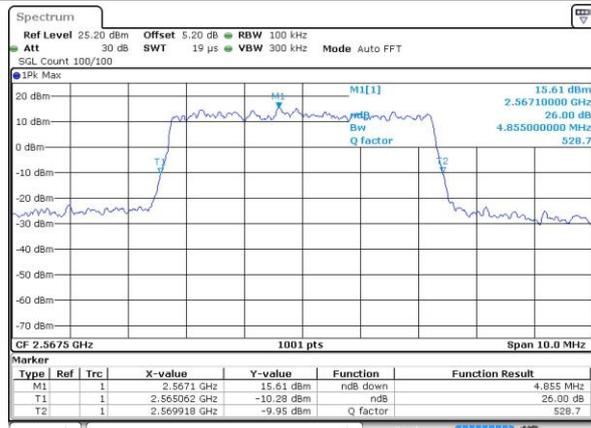
Date: 23 SEP 2016 14:12:48

Highest Channel / 5MHz / QPSK



Date: 23 SEP 2016 14:13:32

Highest Channel / 5MHz / 16QAM

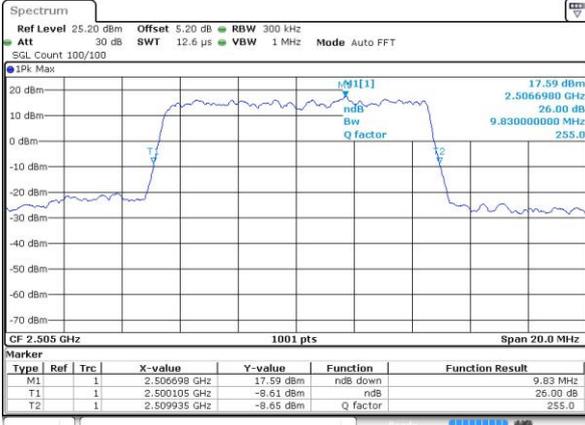


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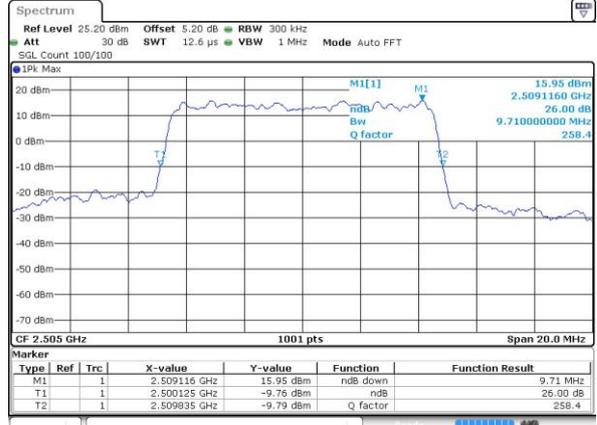
LTE Band 7

Lowest Channel / 10MHz / QPSK



Date: 23 SEP 2016 14:29:04

Lowest Channel / 10MHz / 16QAM



Date: 23 SEP 2016 14:29:26

Middle Channel / 10MHz / QPSK



Date: 23 SEP 2016 14:30:10

Middle Channel / 10MHz / 16QAM



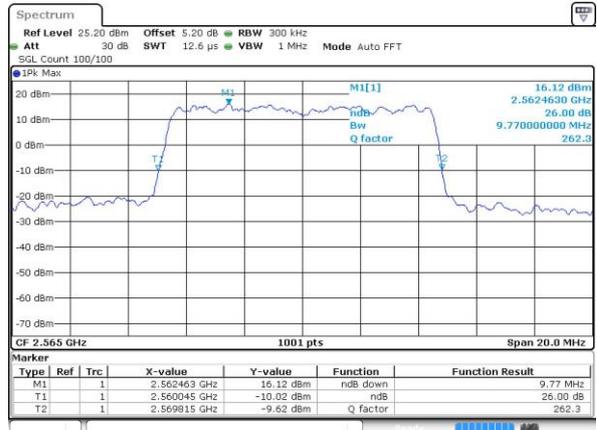
Date: 23 SEP 2016 14:29:48

Highest Channel / 10MHz / QPSK



Date: 23 SEP 2016 14:30:32

Highest Channel / 10MHz / 16QAM

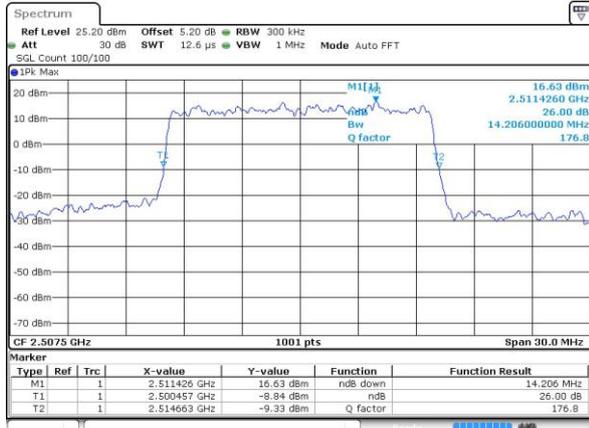


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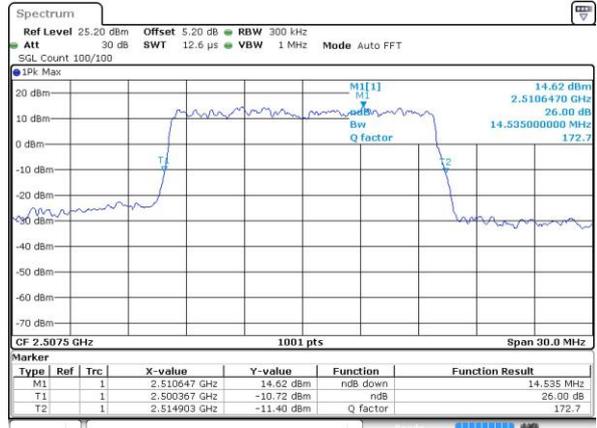
LTE Band 7

Lowest Channel / 15MHz / QPSK



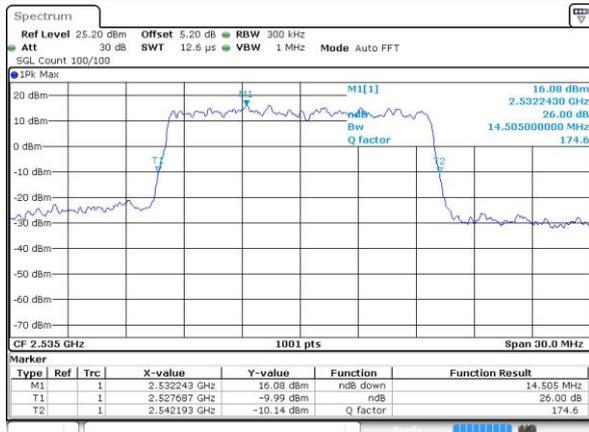
Date: 23 SEP 2016 14:46:25

Lowest Channel / 15MHz / 16QAM



Date: 23 SEP 2016 14:46:02

Middle Channel / 15MHz / QPSK



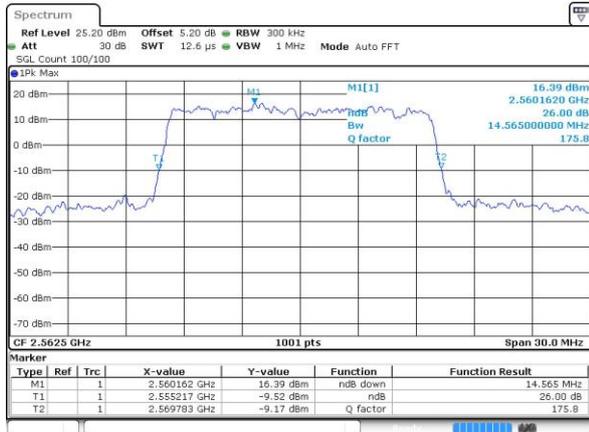
Date: 23 SEP 2016 14:46:46

Middle Channel / 15MHz / 16QAM



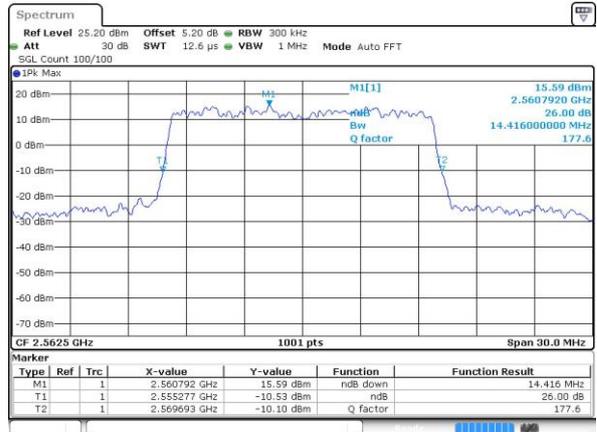
Date: 23 SEP 2016 14:47:08

Highest Channel / 15MHz / QPSK



Date: 23 SEP 2016 14:47:52

Highest Channel / 15MHz / 16QAM

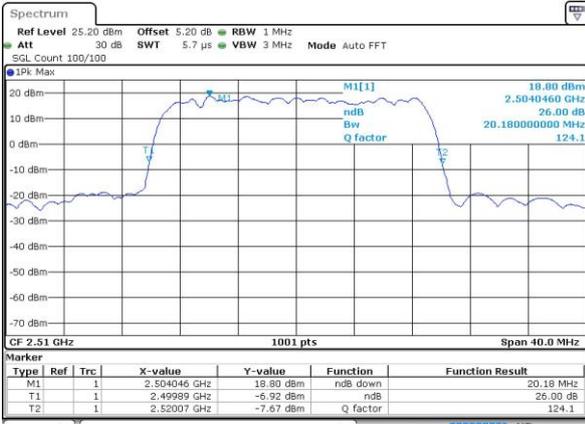


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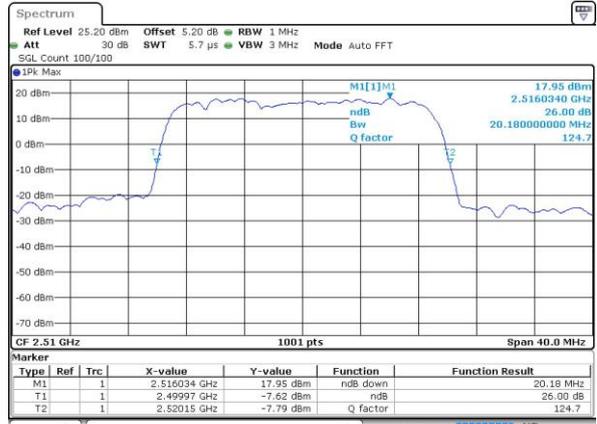
LTE Band 7

Lowest Channel / 20MHz / QPSK



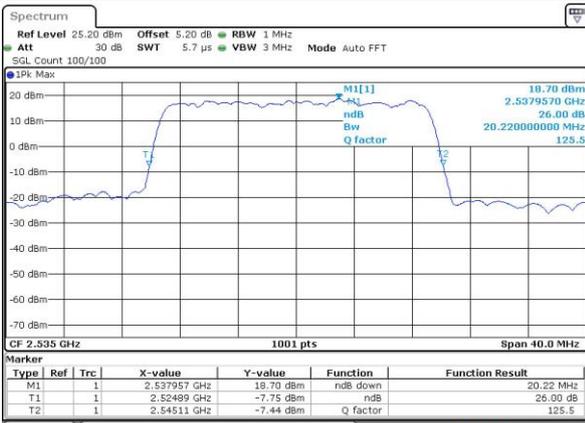
Date: 23 SEP 2016 15:03:24

Lowest Channel / 20MHz / 16QAM



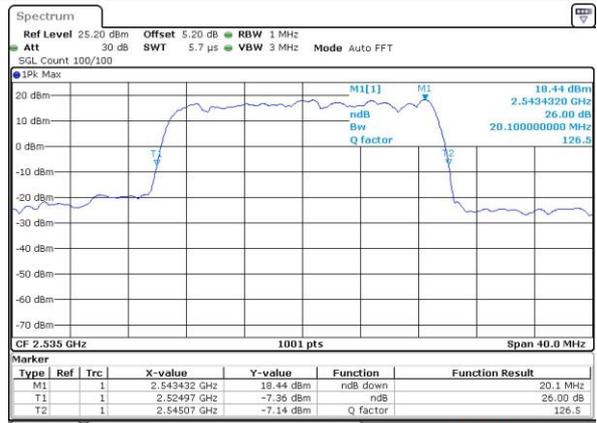
Date: 23 SEP 2016 15:03:01

Middle Channel / 20MHz / QPSK



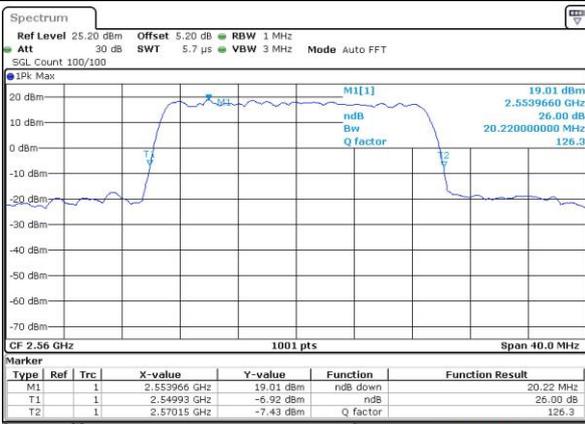
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Middle Channel / 20MHz / 16QAM



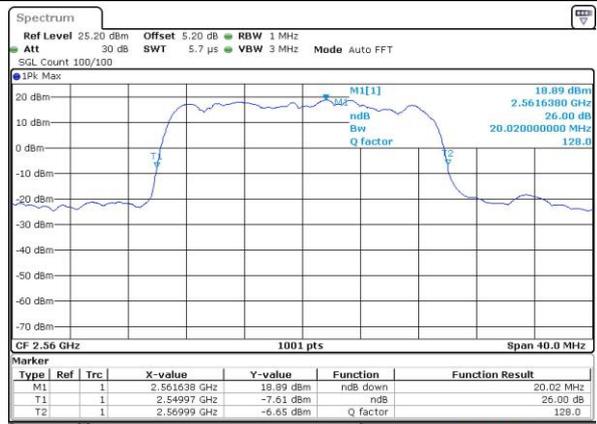
Date: 23 SEP 2016 15:04:08

Highest Channel / 20MHz / QPSK



Date: 23 SEP 2016 15:04:52

Highest Channel / 20MHz / 16QAM

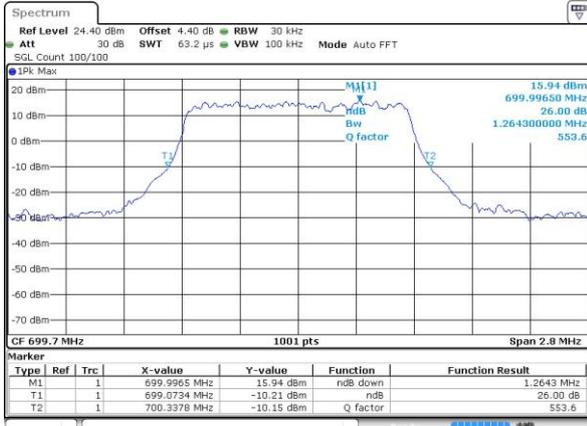


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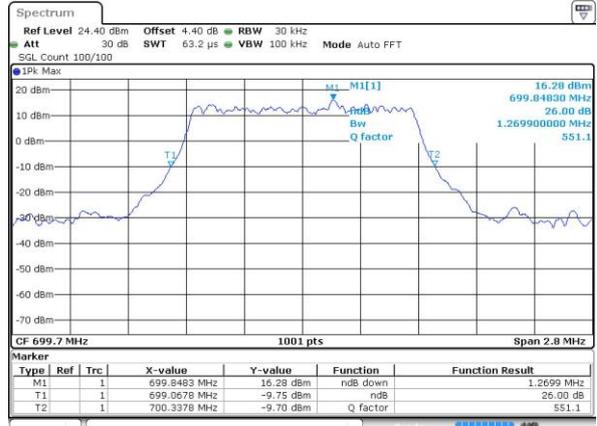
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



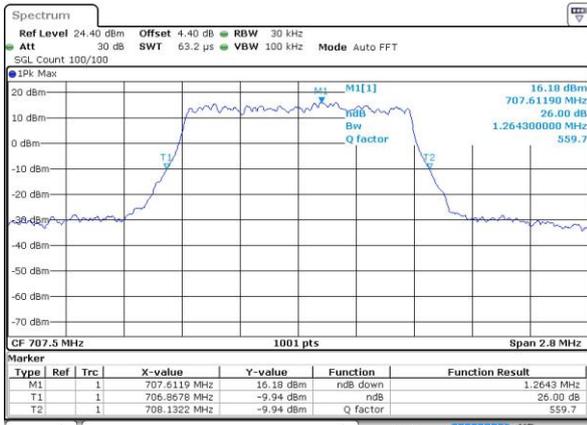
Date: 24 SEP 2016 03:21:34

Lowest Channel / 1.4MHz / 16QAM



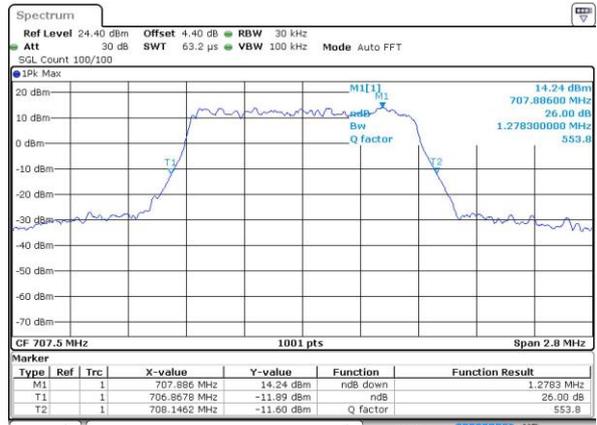
Date: 24 SEP 2016 03:21:22

Middle Channel / 1.4MHz / QPSK



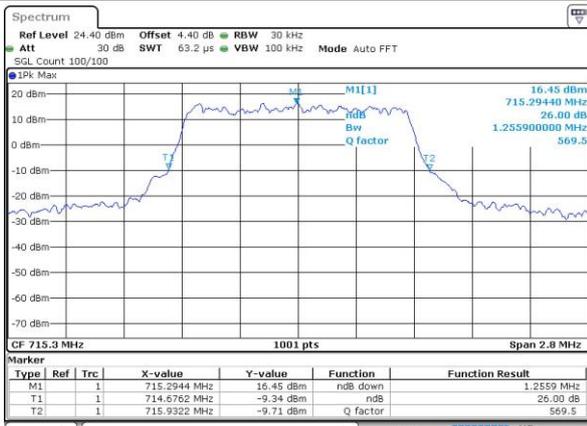
Date: 24 SEP 2016 03:21:00

Middle Channel / 1.4MHz / 16QAM



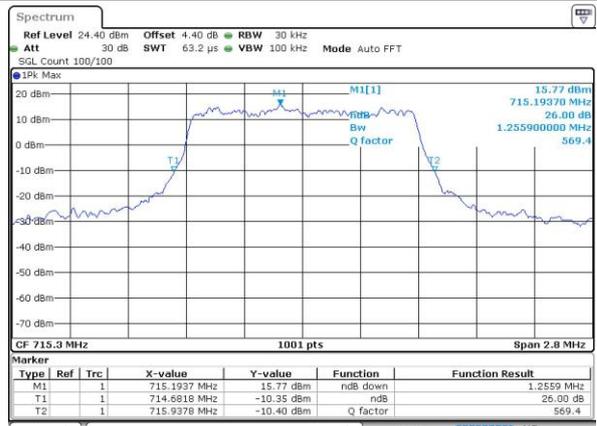
Date: 24 SEP 2016 03:21:11

Highest Channel / 1.4MHz / QPSK



Date: 24 SEP 2016 03:20:48

Highest Channel / 1.4MHz / 16QAM

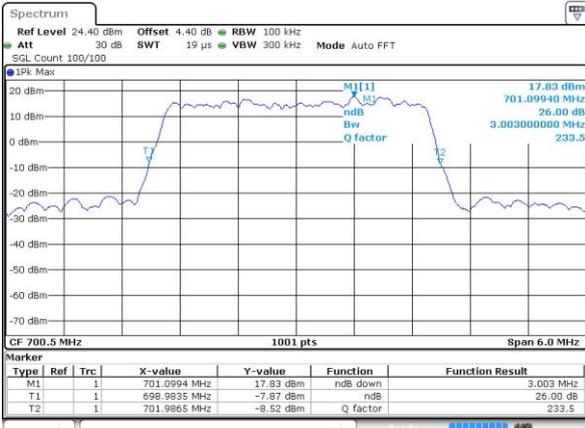


Date: 24 SEP 2016 03:20:37



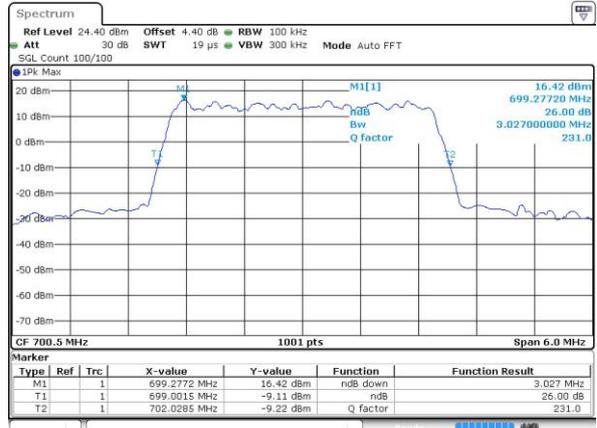
LTE Band 12

Lowest Channel / 3MHz / QPSK



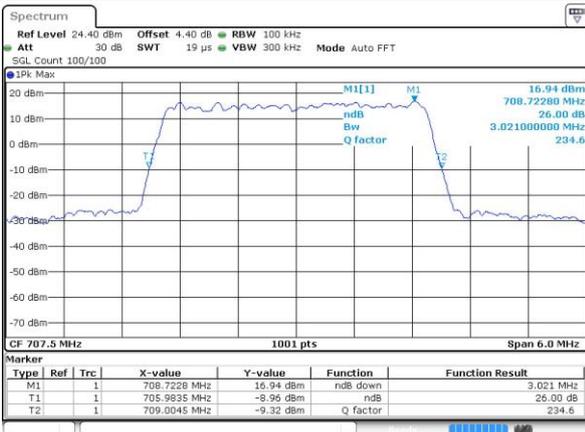
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Lowest Channel / 3MHz / 16QAM



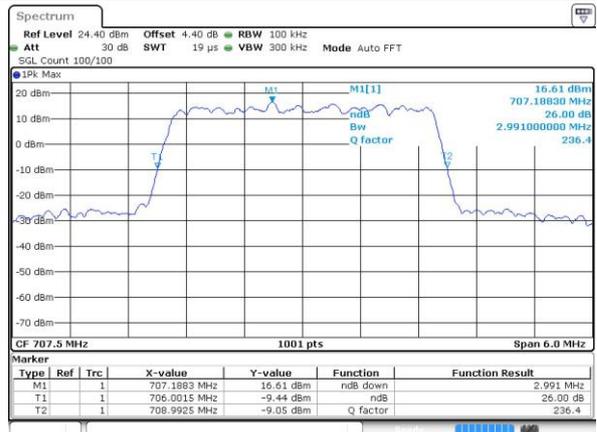
Date: 24 SEP 2016 03:38:26

Middle Channel / 3MHz / QPSK



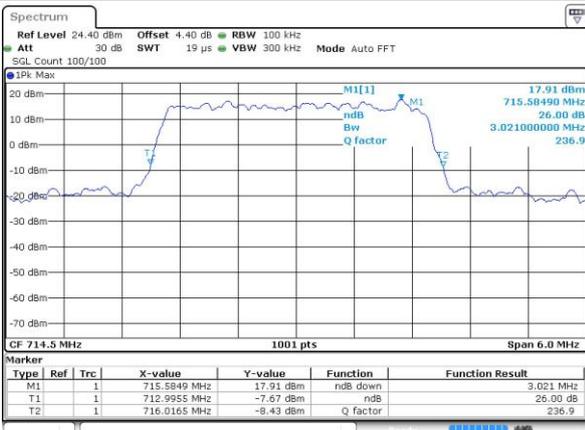
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Middle Channel / 3MHz / 16QAM



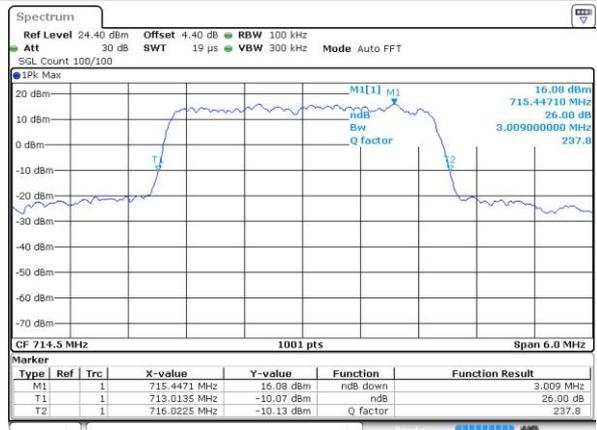
Date: 24 SEP 2016 03:38:14

Highest Channel / 3MHz / QPSK



Date: 24 SEP 2016 03:37:52

Highest Channel / 3MHz / 16QAM

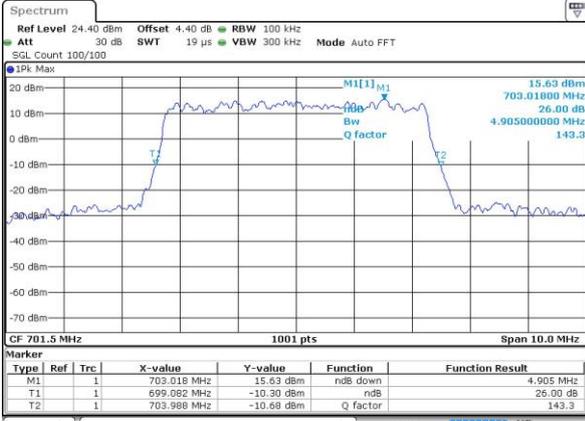


Date: 24 SEP 2016 03:37:41



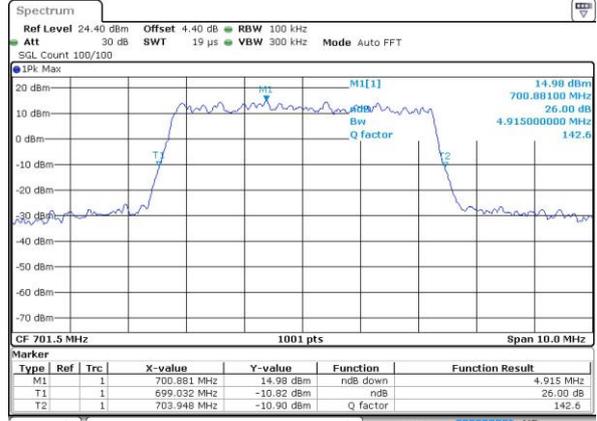
LTE Band 12

Lowest Channel / 5MHz / QPSK



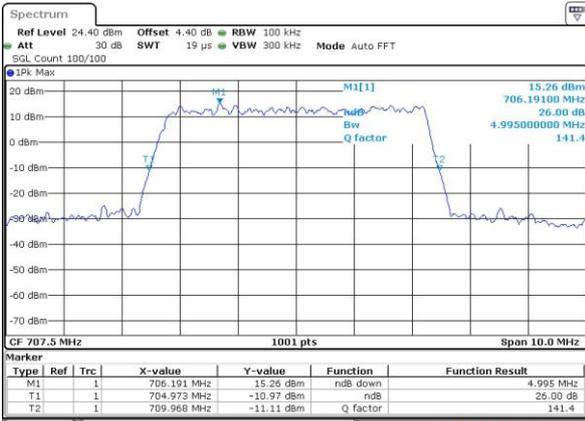
Date: 24 SEP 2016 03:55:39

Lowest Channel / 5MHz / 16QAM



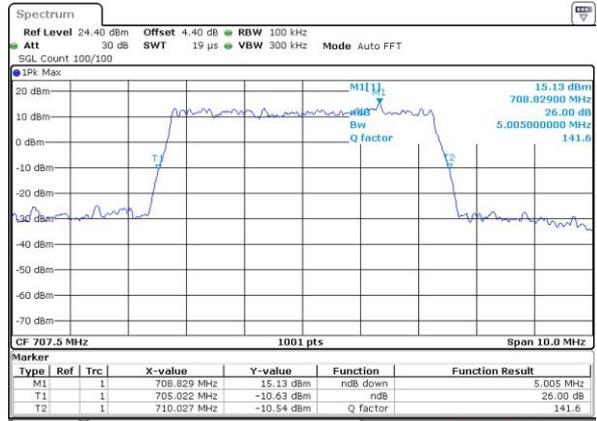
Date: 24 SEP 2016 03:55:28

Middle Channel / 5MHz / QPSK



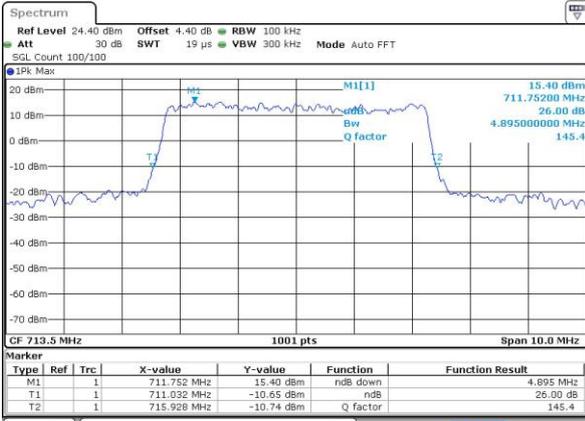
Date: 24 SEP 2016 03:55:06

Middle Channel / 5MHz / 16QAM



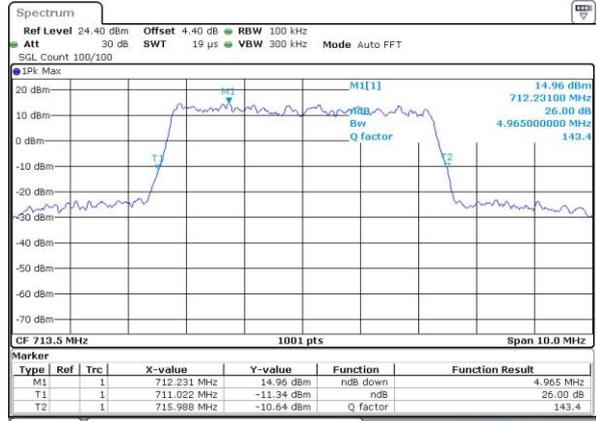
Date: 24 SEP 2016 03:55:17

Highest Channel / 5MHz / QPSK



Date: 24 SEP 2016 03:54:54

Highest Channel / 5MHz / 16QAM

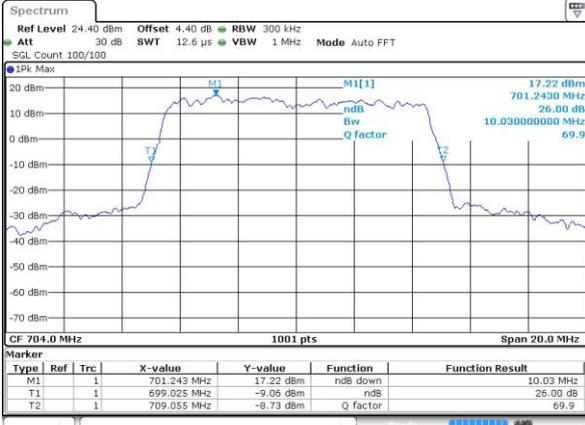


Date: 24 SEP 2016 03:54:43



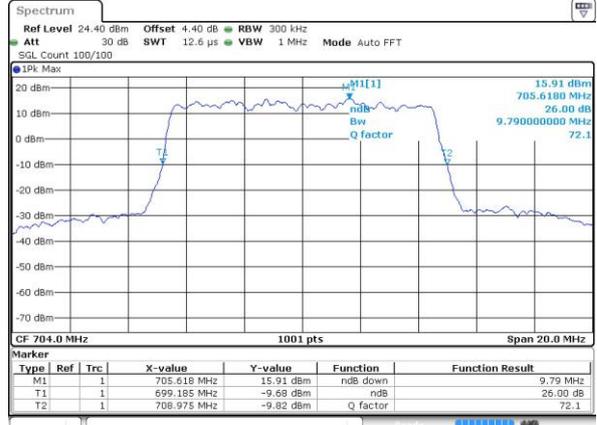
LTE Band 12

Lowest Channel / 10MHz / QPSK



Date: 24 SEP 2016 04:12:41

Lowest Channel / 10MHz / 16QAM



Date: 24 SEP 2016 04:12:30

Middle Channel / 10MHz / QPSK



Date: 24 SEP 2016 04:12:07

Middle Channel / 10MHz / 16QAM



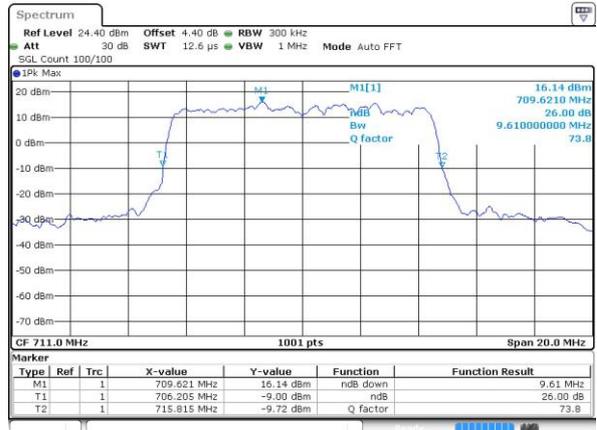
Date: 24 SEP 2016 04:12:19

Highest Channel / 10MHz / QPSK



Date: 24 SEP 2016 04:11:56

Highest Channel / 10MHz / 16QAM

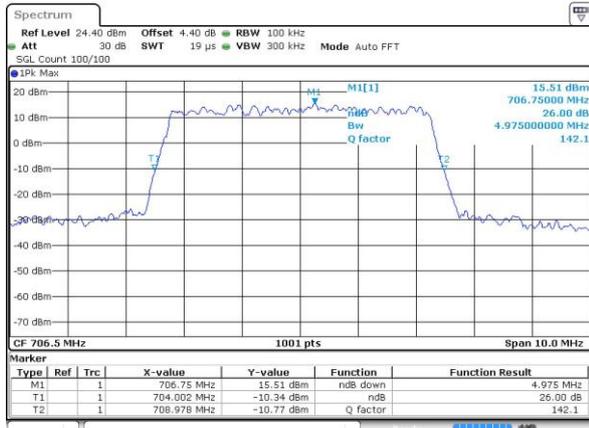


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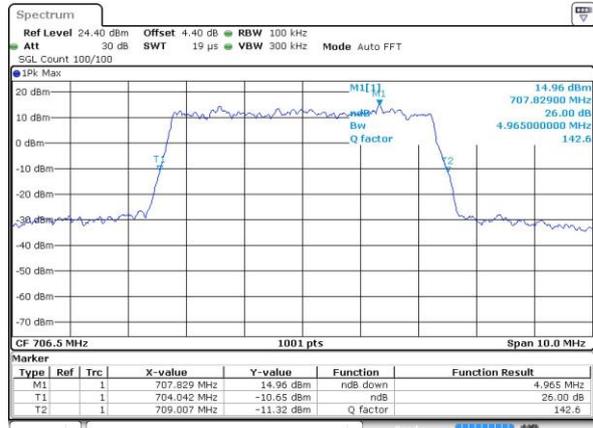
LTE Band 17

Lowest Channel / 5MHz / QPSK



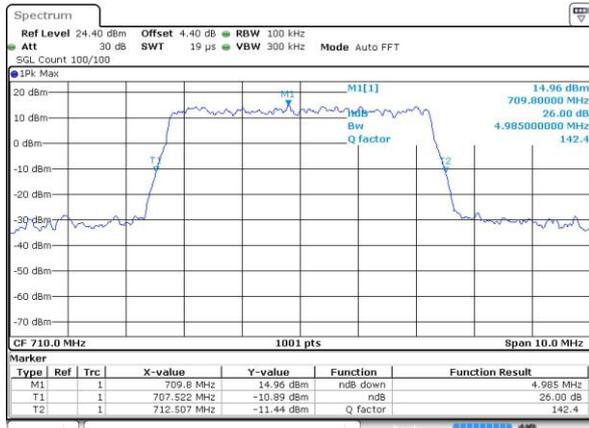
Date: 24 SEP 2016 02:25:09

Lowest Channel / 5MHz / 16QAM



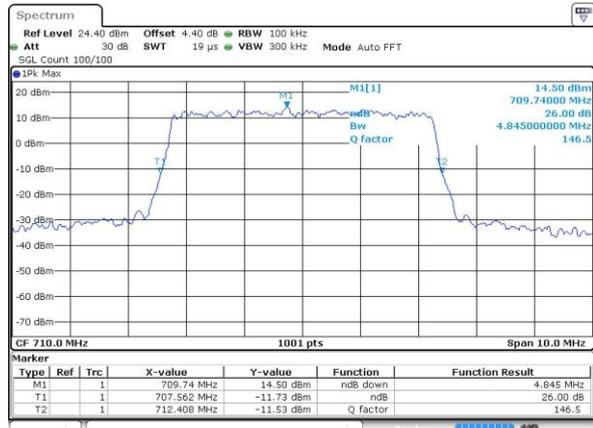
Date: 24 SEP 2016 02:25:20

Middle Channel / 5MHz / QPSK



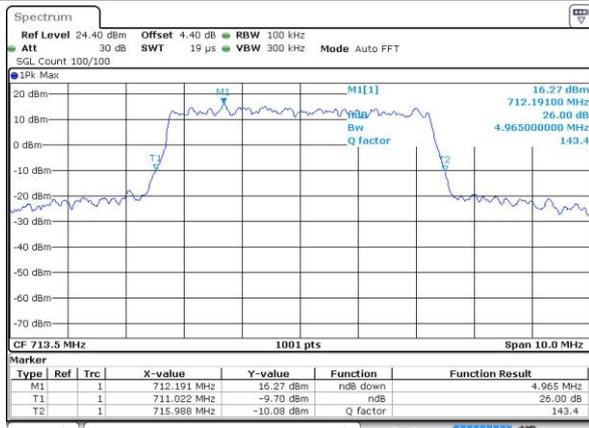
Date: 24 SEP 2016 02:32:21

Middle Channel / 5MHz / 16QAM



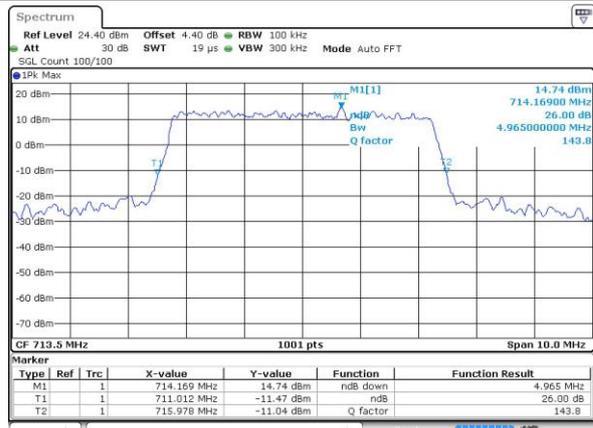
Date: 24 SEP 2016 02:32:32

Highest Channel / 5MHz / QPSK



Date: 24 SEP 2016 02:34:58

Highest Channel / 5MHz / 16QAM

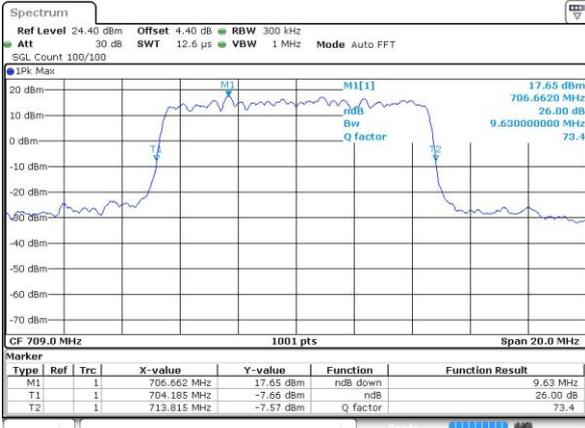


Date: 24 SEP 2016 02:35:09



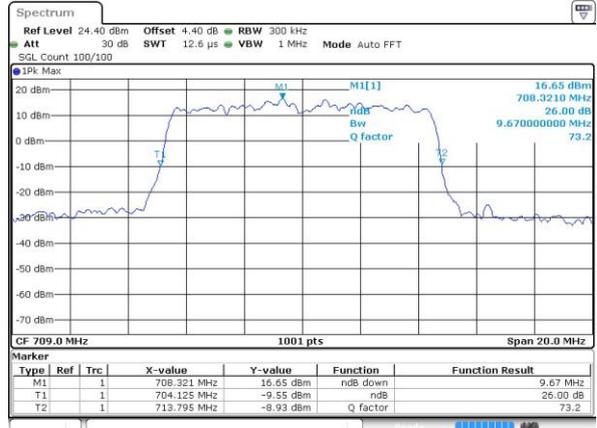
LTE Band 17

Lowest Channel / 10MHz / QPSK



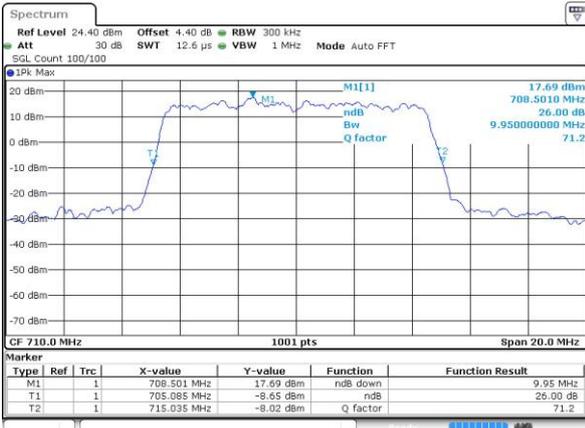
Date: 24 SEP 2016 02:42:11

Lowest Channel / 10MHz / 16QAM



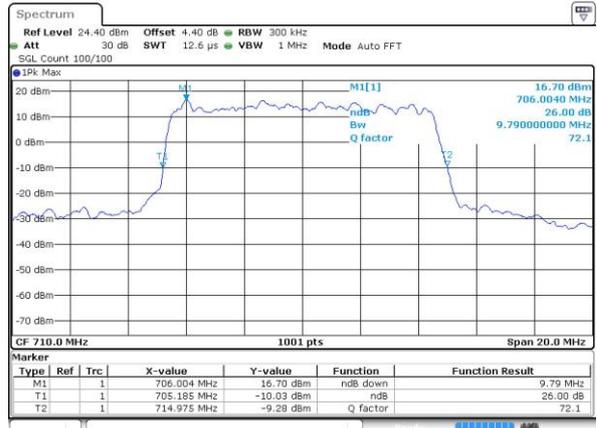
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Middle Channel / 10MHz / QPSK



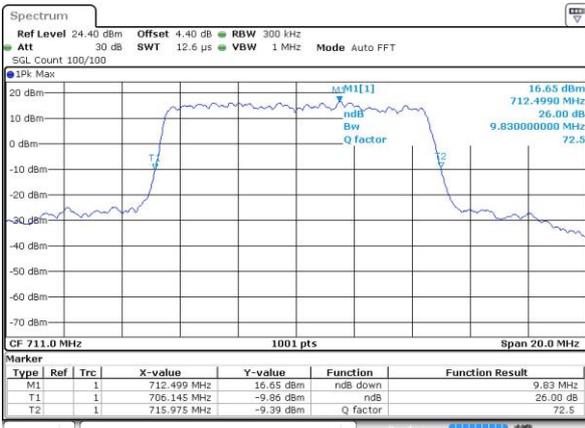
Date: 24 SEP 2016 02:49:22

Middle Channel / 10MHz / 16QAM



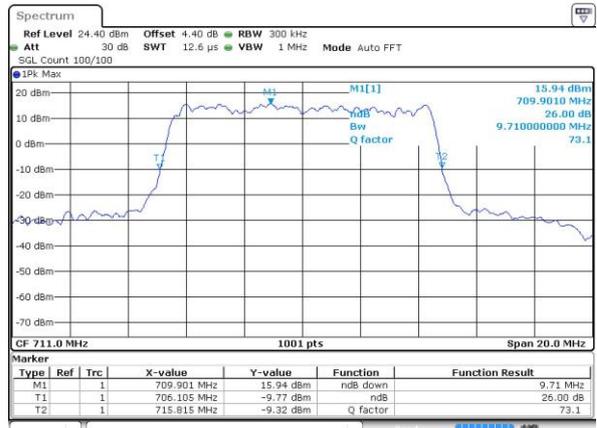
Date: 24 SEP 2016 02:49:34

Highest Channel / 10MHz / QPSK



Date: 24 SEP 2016 02:51:59

Highest Channel / 10MHz / 16QAM

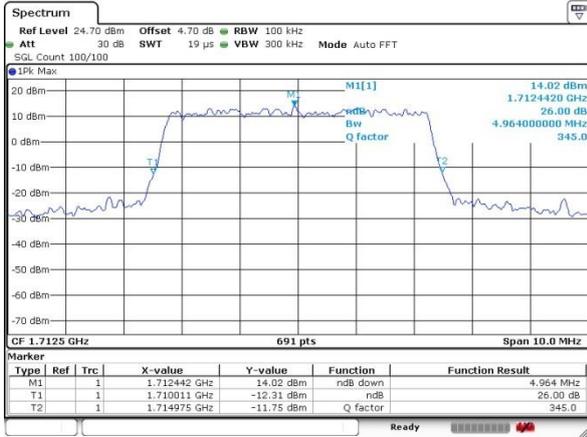


Date: 24 SEP 2016 02:52:10



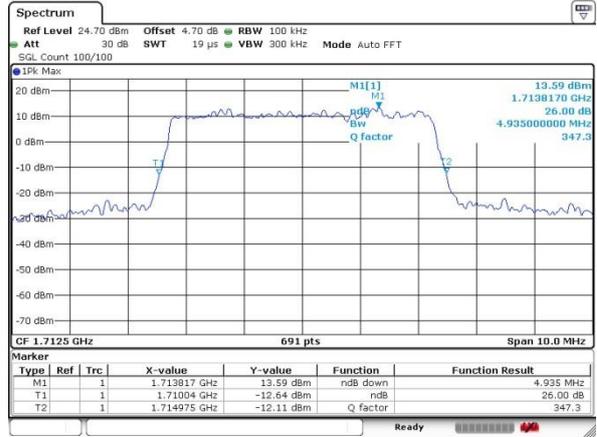
LTE Band 66

Lowest Channel / 5MHz / QPSK



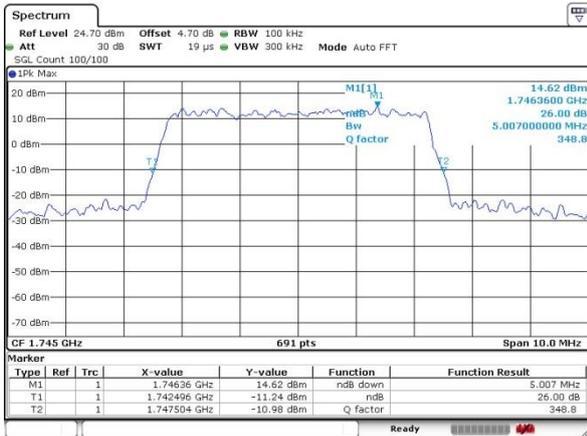
Date: 30 SEP 2016 14:48:47

Lowest Channel / 5MHz / 16QAM



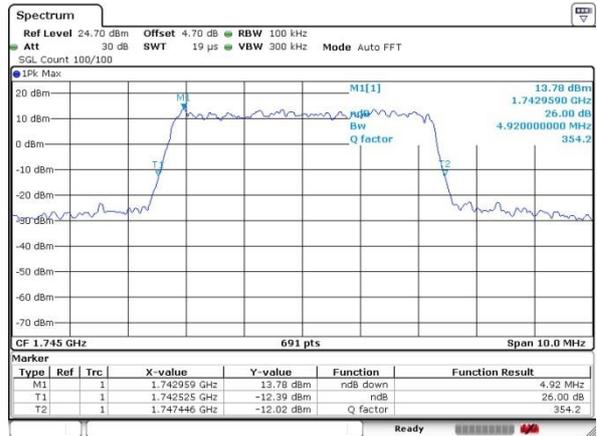
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Middle Channel / 5MHz / QPSK



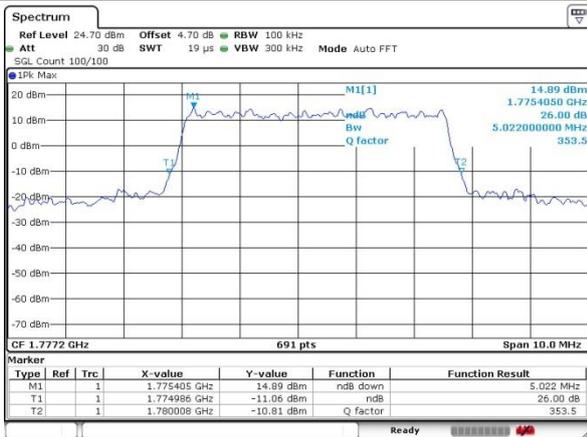
Date: 30 SEP 2016 14:50:41

Middle Channel / 5MHz / 16QAM



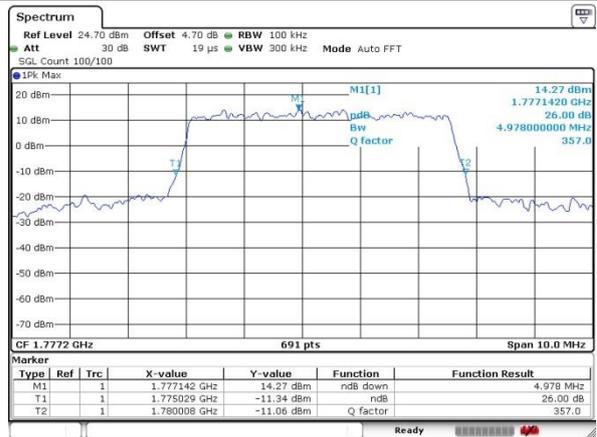
Date: 30 SEP 2016 14:51:10

Highest Channel / 5MHz / QPSK



Date: 30 SEP 2016 14:47:13

Highest Channel / 5MHz / 16QAM

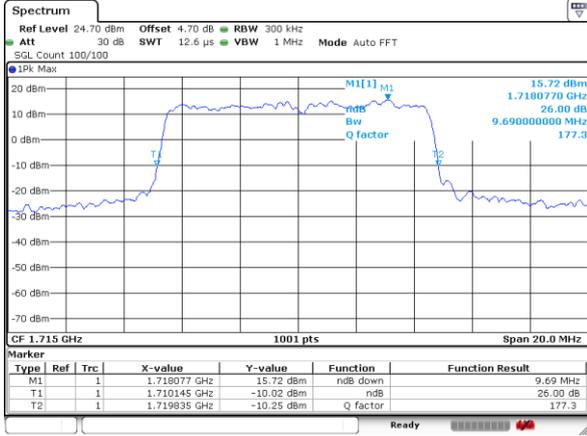


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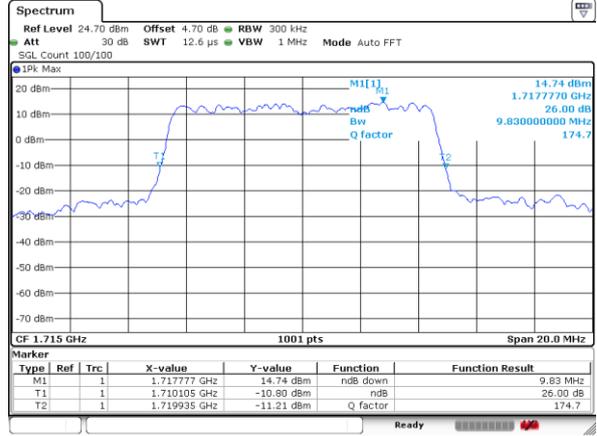
LTE Band 66

Lowest Channel / 10MHz / QPSK



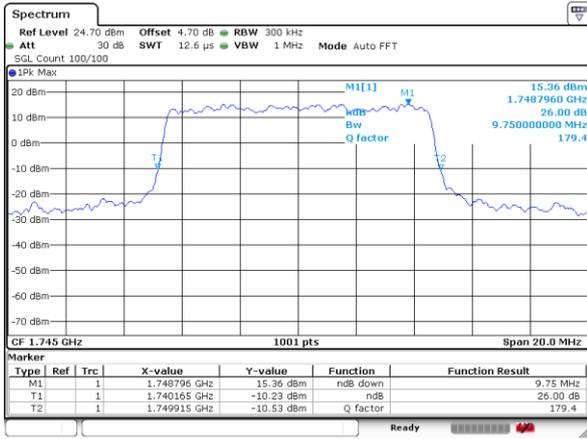
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Lowest Channel / 10MHz / 16QAM



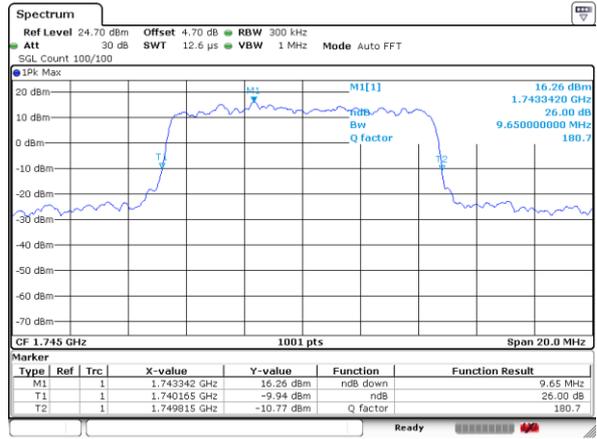
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Middle Channel / 10MHz / QPSK



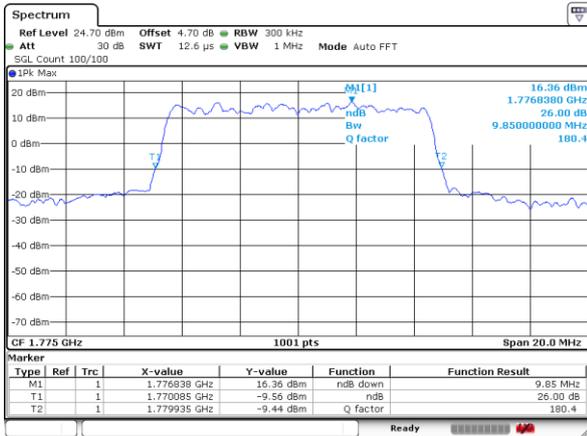
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Middle Channel / 10MHz / 16QAM



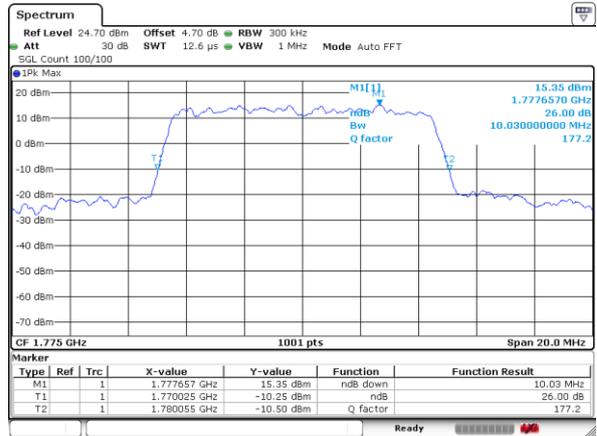
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Highest Channel / 10MHz / QPSK



Date: 30 SEP 2016 16:38:09

Highest Channel / 10MHz / 16QAM

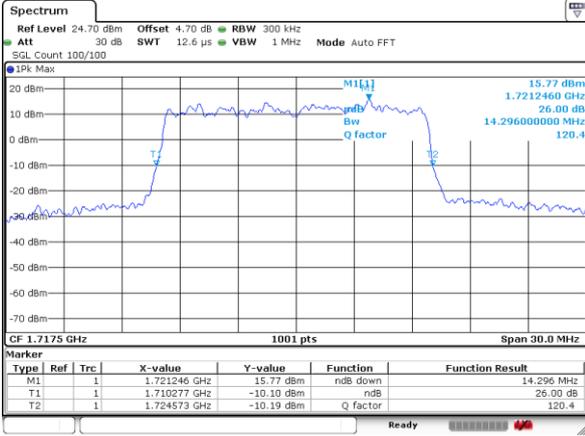


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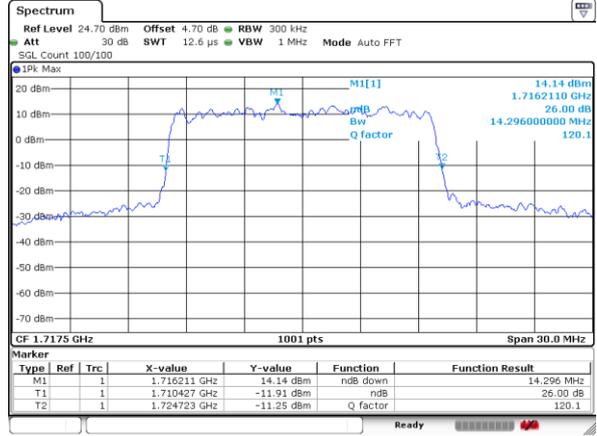
LTE Band 66

Lowest Channel / 15MHz / QPSK



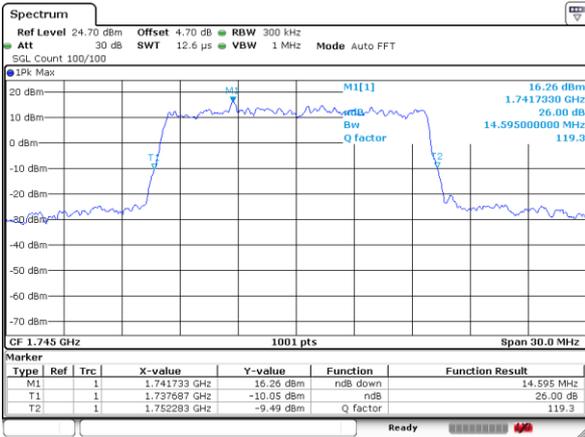
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Lowest Channel / 15MHz / 16QAM



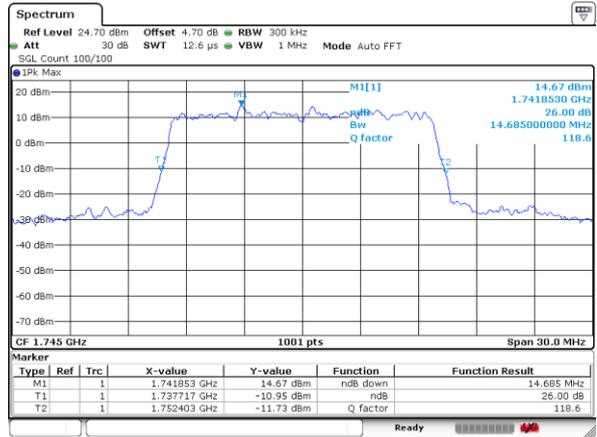
Date: 30 SEP 2016 16:42:30

Middle Channel / 15MHz / QPSK



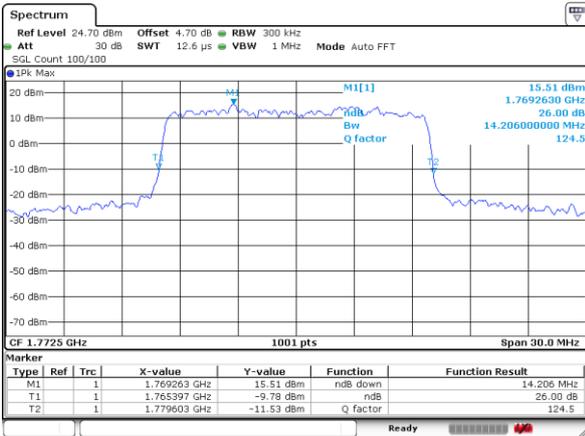
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Middle Channel / 15MHz / 16QAM



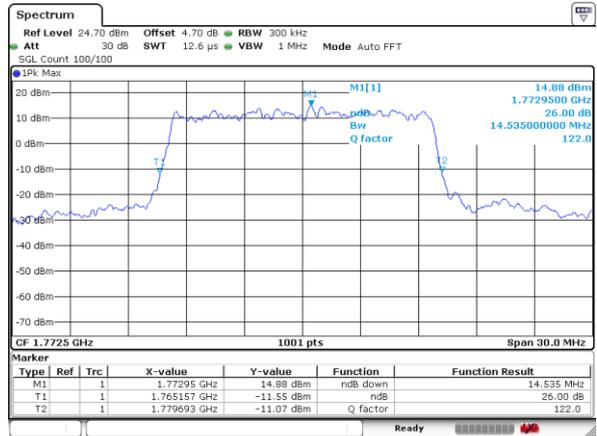
Date: 30 SEP 2016 16:44:11

Highest Channel / 15MHz / QPSK



Date: 30 SEP 2016 16:48:28

Highest Channel / 15MHz / 16QAM

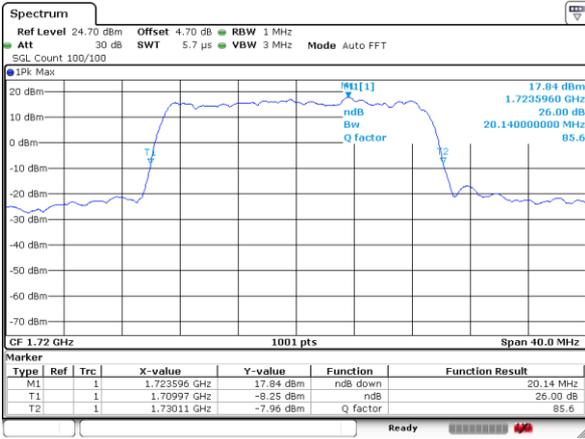


Date: 30 SEP 2016 16:49:02



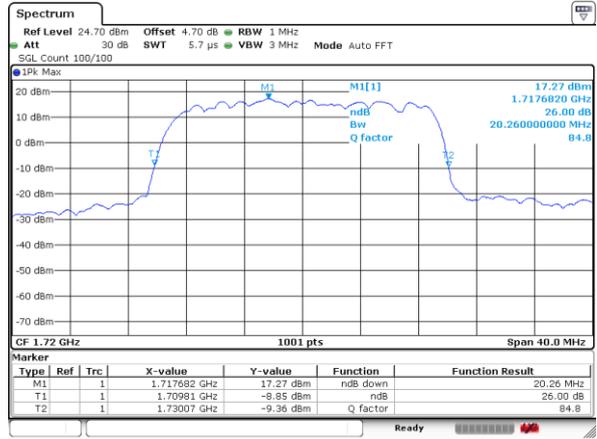
LTE Band 66

Lowest Channel / 20MHz / QPSK



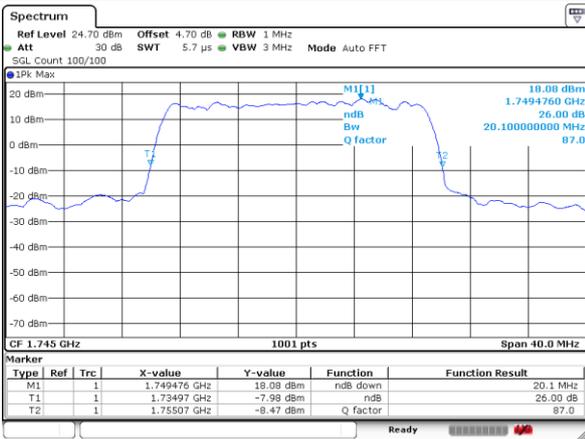
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Lowest Channel / 20MHz / 16QAM



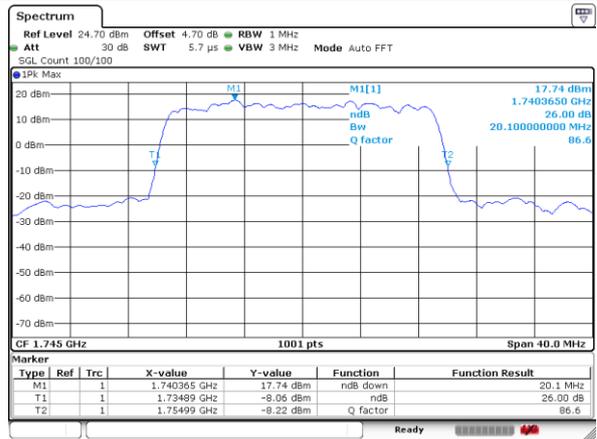
Date: 30 SEP 2016 16:52:42

Middle Channel / 20MHz / QPSK



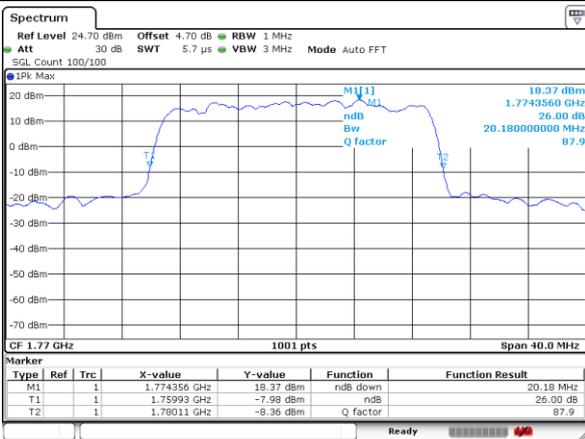
Date: 30 SEP 2016 16:54:20

Middle Channel / 20MHz / 16QAM



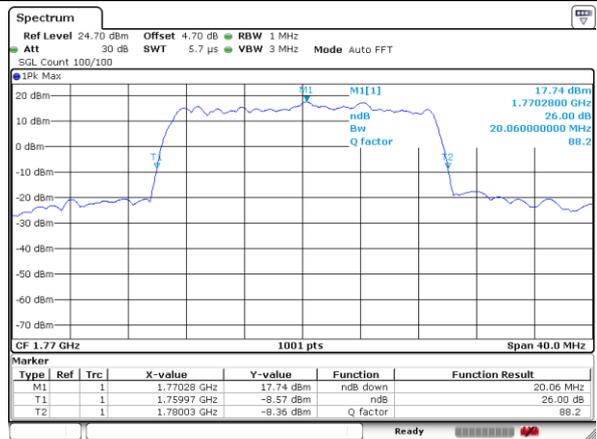
Date: 30 SEP 2016 16:53:53

Highest Channel / 20MHz / QPSK



Date: 30 SEP 2016 17:01:55

Highest Channel / 20MHz / 16QAM



Date: 30 SEP 2016 17:02:31



**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	1.10	1.09	2.73	2.72	4.51	4.51	9.05	9.01	13.49	13.49	18.26	18.30
Middle CH	1.10	1.10	2.71	2.73	4.47	4.48	9.01	9.01	13.49	13.40	18.26	18.26
Highest CH	1.10	1.10	2.73	2.71	4.49	4.48	9.05	8.99	13.40	13.43	18.30	18.30

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	2.73	2.72	4.50	4.50	9.03	8.93	13.46	13.40	18.26	18.46
Middle CH	1.09	1.09	2.70	2.73	4.49	4.50	9.07	8.99	13.46	13.34	18.38	18.34
Highest CH	1.09	1.09	2.72	2.72	4.51	4.47	9.03	9.01	13.37	13.43	18.26	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	1.09	1.10	2.70	2.69	4.49	4.49	9.03	8.95	-	-	-	-
Middle CH	1.09	1.10	2.74	2.72	4.51	4.49	9.03	8.93	-	-	-	-
Highest CH	1.10	1.10	2.72	2.71	4.47	4.51	9.05	9.03	-	-	-	-

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	-	-	-	-	4.49	4.49	9.01	8.99	13.46	13.43	18.30	18.34
Middle CH	-	-	-	-	4.48	4.49	8.99	9.07	13.43	13.49	18.38	18.46
Highest CH	-	-	-	-	4.49	4.50	9.05	9.05	13.43	13.43	18.30	18.38



Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.72	4.49	4.46	9.05	9.01	-	-	-	-
Middle CH	1.09	1.09	2.70	2.73	4.49	4.50	9.01	8.99	-	-	-	-
Highest CH	1.09	1.09	2.74	2.72	4.49	4.51	8.97	8.95	-	-	-	-

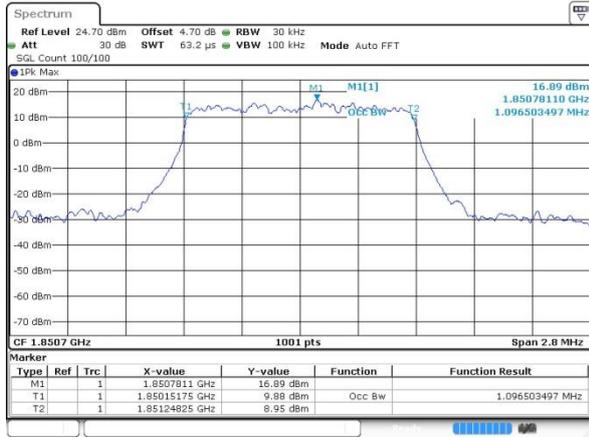
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.50	9.03	9.05	-	-	-	-
Middle CH	-	-	-	-	4.48	4.48	8.97	8.93	-	-	-	-
Highest CH	-	-	-	-	4.50	4.49	8.95	9.01	-	-	-	-

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	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	8.99	9.01	13.34	13.46	18.14	18.34
Middle CH	-	-	-	-	4.52	4.49	8.99	9.01	13.49	13.34	18.18	18.42
Highest CH	-	-	-	-	4.50	4.50	9.09	8.99	13.37	13.43	18.34	18.18



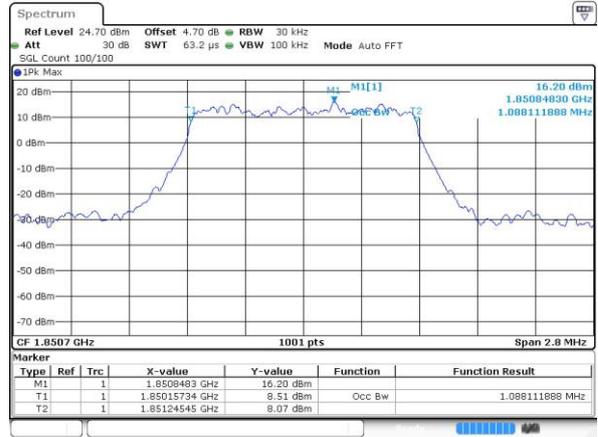
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



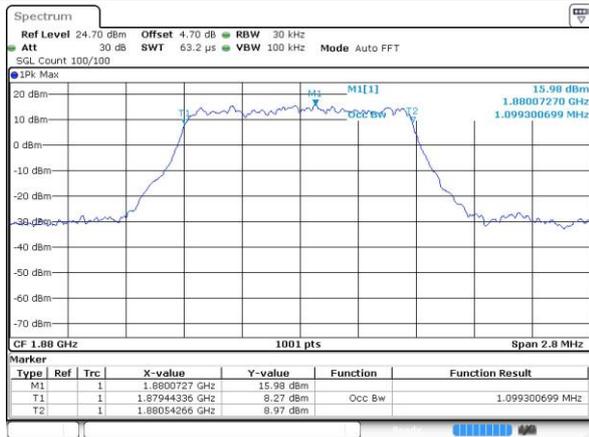
Date: 23 SEP 2016 17:19:34

Lowest Channel / 1.4MHz / 16QAM



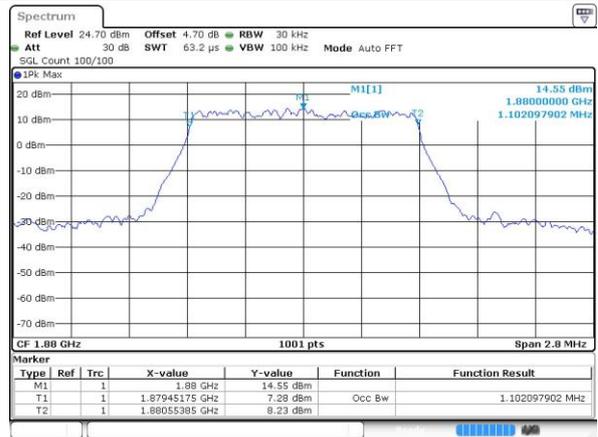
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Middle Channel / 1.4MHz / QPSK



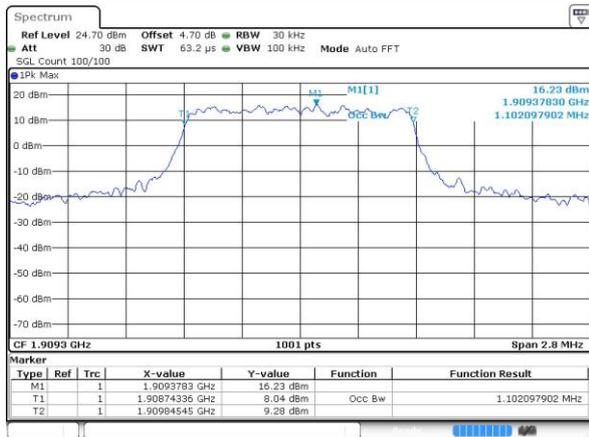
Date: 23 SEP 2016 17:28:48

Middle Channel / 1.4MHz / 16QAM



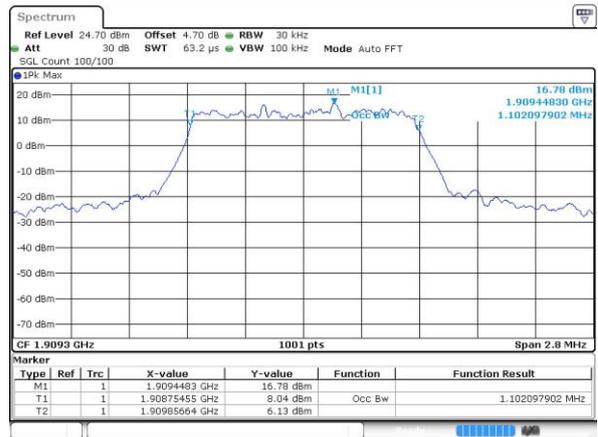
Date: 23 SEP 2016 17:28:58

Highest Channel / 1.4MHz / QPSK



Date: 23 SEP 2016 17:29:24

Highest Channel / 1.4MHz / 16QAM



Date: 23 SEP 2016 17:29:35