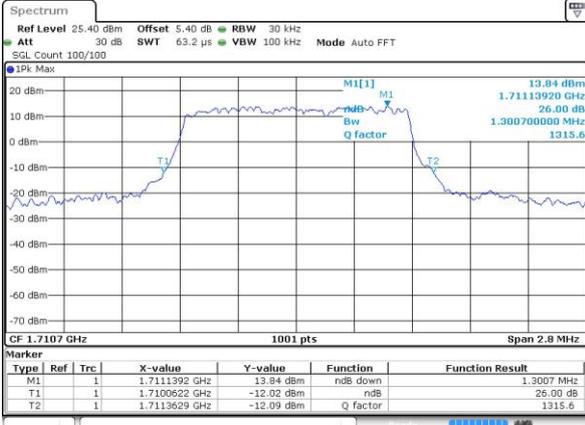




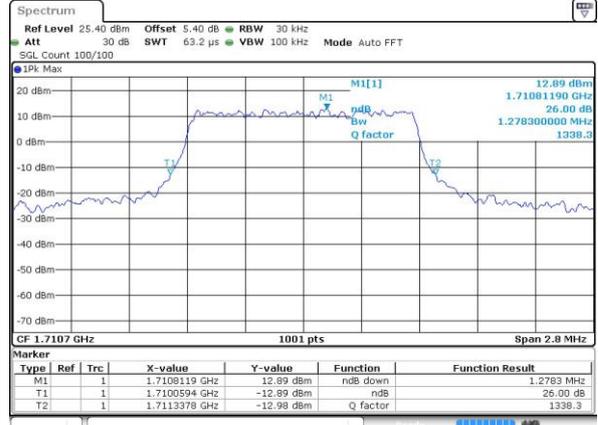
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



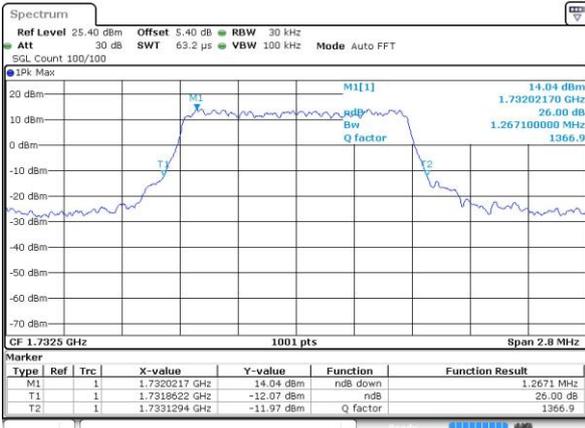
Date: 14 APR 2017 22:07:48

Lowest Channel / 1.4MHz / 16QAM



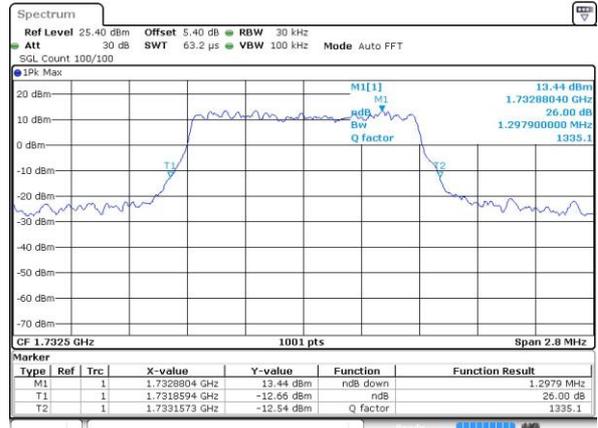
Date: 14 APR 2017 22:07:59

Middle Channel / 1.4MHz / QPSK



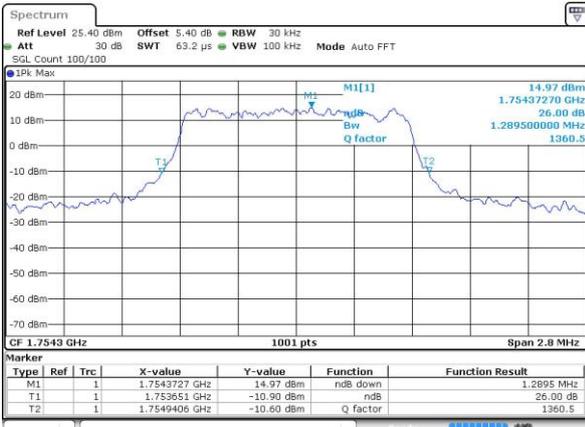
Date: 14 APR 2017 22:14:54

Middle Channel / 1.4MHz / 16QAM



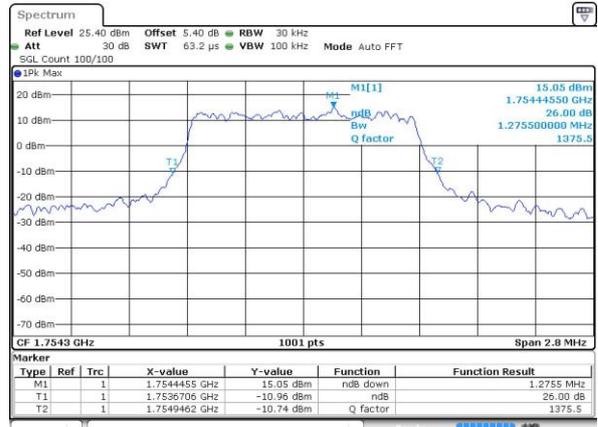
Date: 14 APR 2017 22:15:05

Highest Channel / 1.4MHz / QPSK



Date: 14 APR 2017 22:17:28

Highest Channel / 1.4MHz / 16QAM

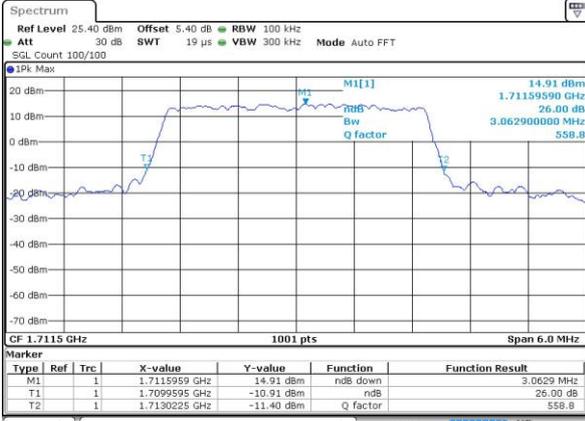


Date: 14 APR 2017 22:17:38



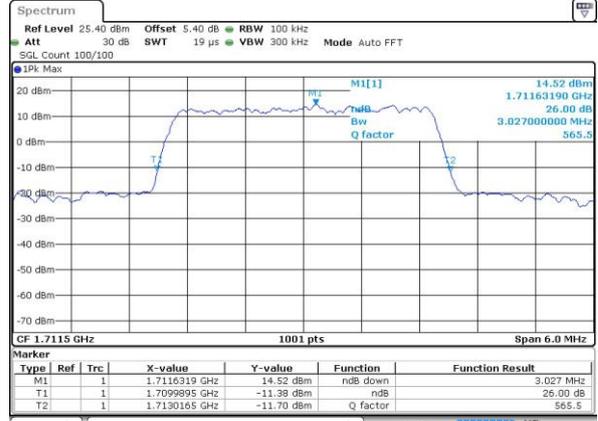
LTE Band 4

Lowest Channel / 3MHz / QPSK



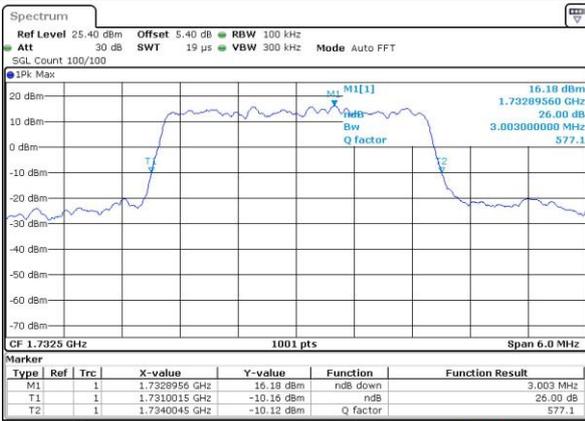
Date: 14 APR 2017 22:24:33

Lowest Channel / 3MHz / 16QAM



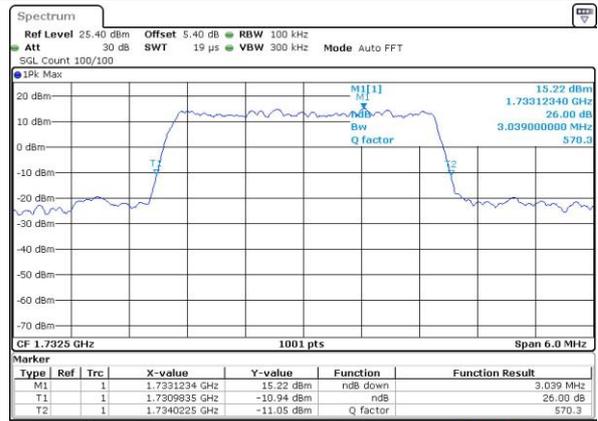
Date: 14 APR 2017 22:24:44

Middle Channel / 3MHz / QPSK



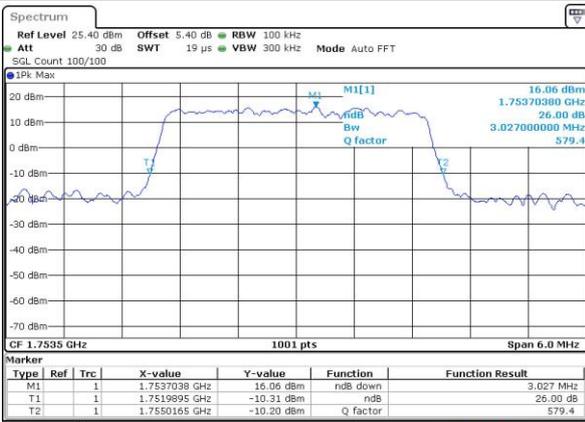
Date: 14 APR 2017 22:31:39

Middle Channel / 3MHz / 16QAM



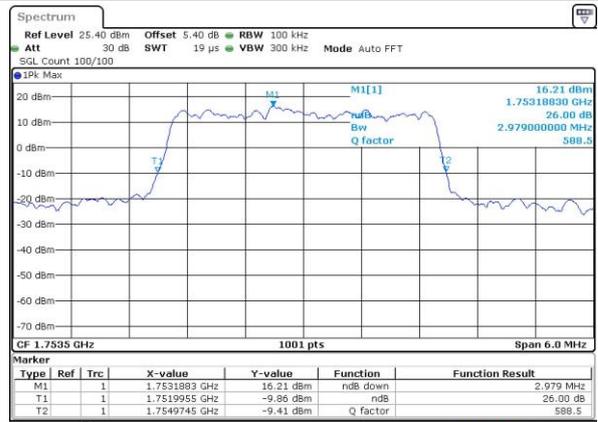
Date: 14 APR 2017 22:31:50

Highest Channel / 3MHz / QPSK



Date: 14 APR 2017 22:34:12

Highest Channel / 3MHz / 16QAM

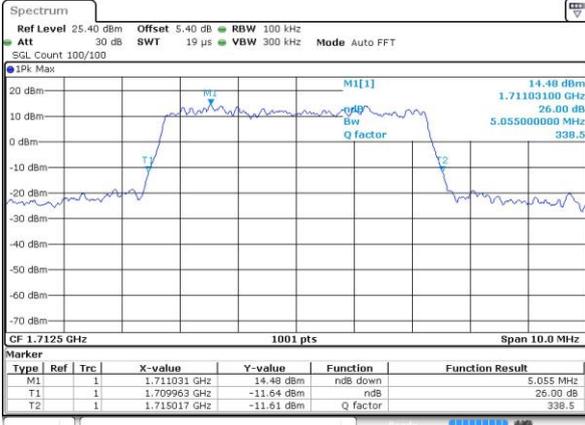


Date: 14 APR 2017 22:34:23



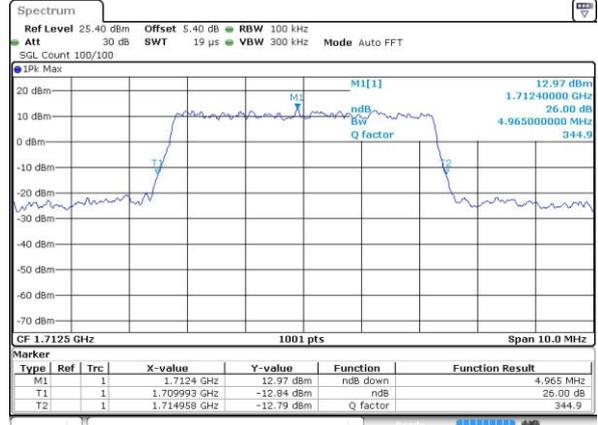
LTE Band 4

Lowest Channel / 5MHz / QPSK



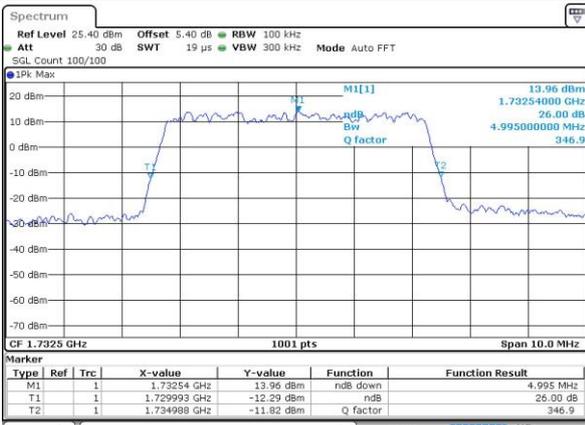
Date: 14 APR 2017 22:41:18

Lowest Channel / 5MHz / 16QAM



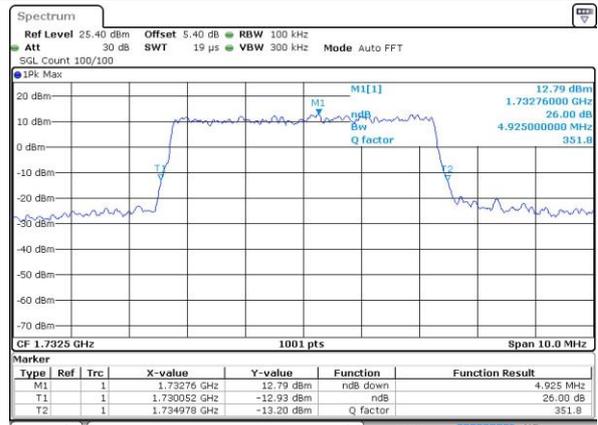
Date: 14 APR 2017 22:41:29

Middle Channel / 5MHz / QPSK



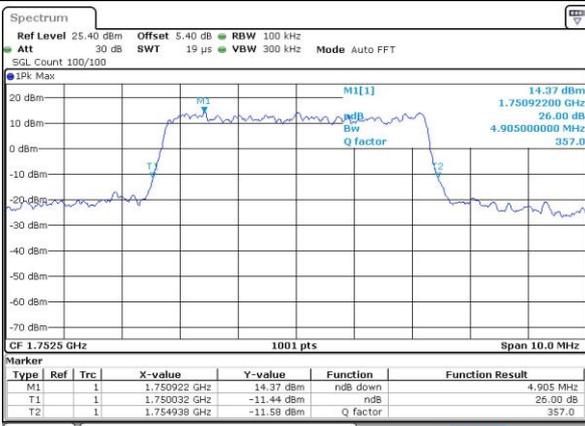
Date: 14 APR 2017 22:48:24

Middle Channel / 5MHz / 16QAM



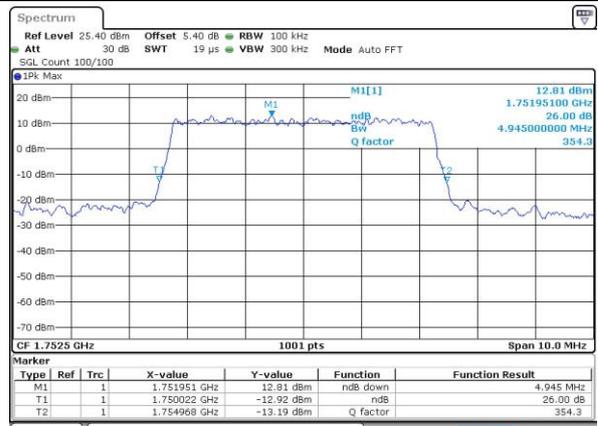
Date: 14 APR 2017 22:48:35

Highest Channel / 5MHz / QPSK



Date: 14 APR 2017 22:50:58

Highest Channel / 5MHz / 16QAM

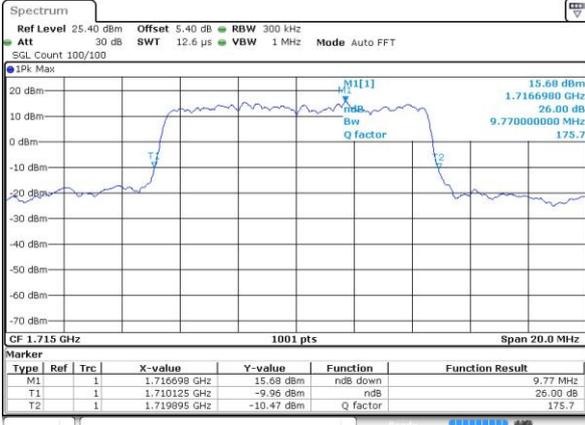


Date: 14 APR 2017 22:51:08



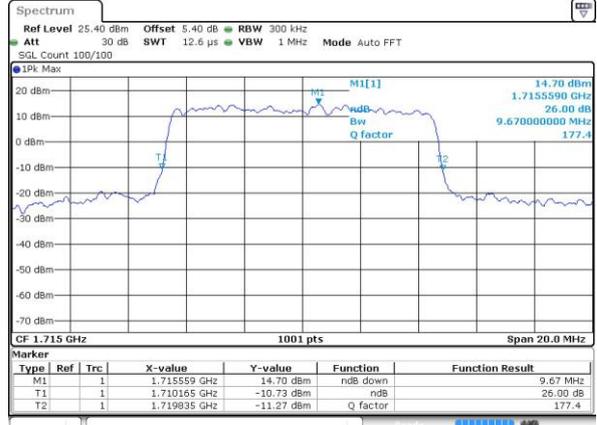
LTE Band 4

Lowest Channel / 10MHz / QPSK



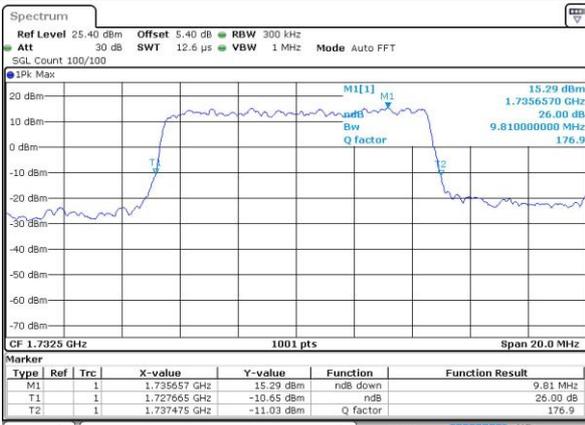
Date: 14 APR 2017 22:58:04

Lowest Channel / 10MHz / 16QAM



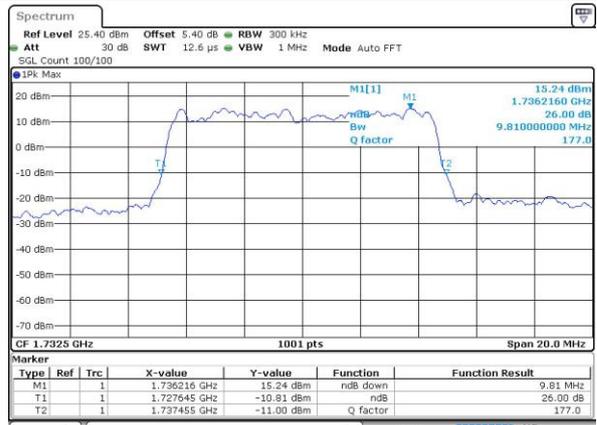
Date: 14 APR 2017 22:58:14

Middle Channel / 10MHz / QPSK



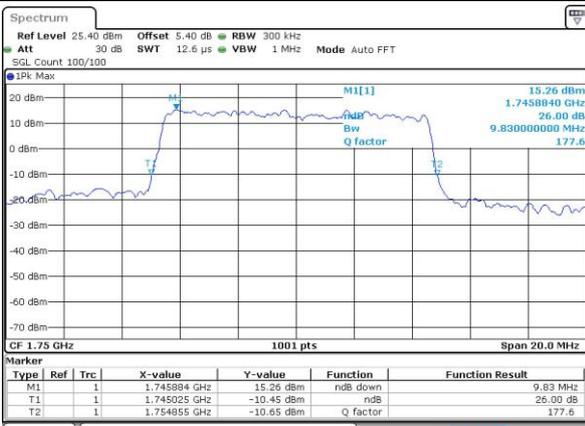
Date: 14 APR 2017 23:05:09

Middle Channel / 10MHz / 16QAM



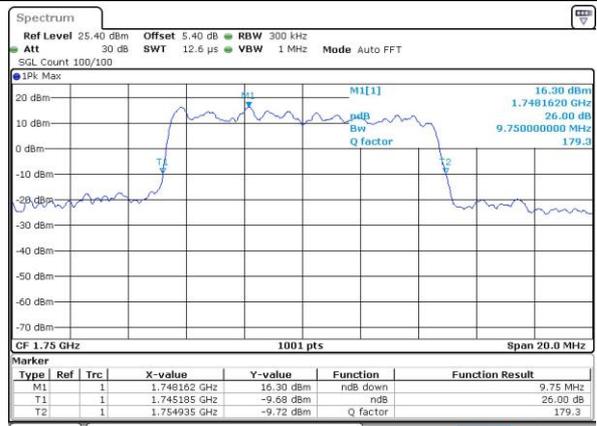
Date: 14 APR 2017 23:05:20

Highest Channel / 10MHz / QPSK



Date: 14 APR 2017 23:07:43

Highest Channel / 10MHz / 16QAM

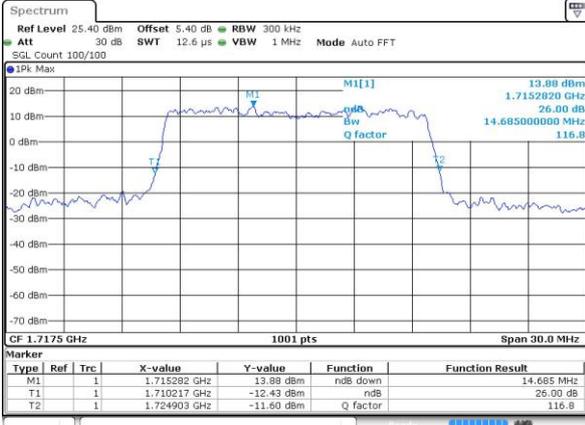


Date: 14 APR 2017 23:07:53



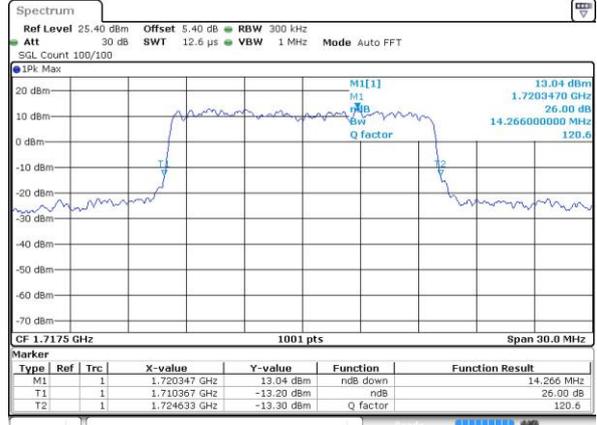
LTE Band 4

Lowest Channel / 15MHz / QPSK



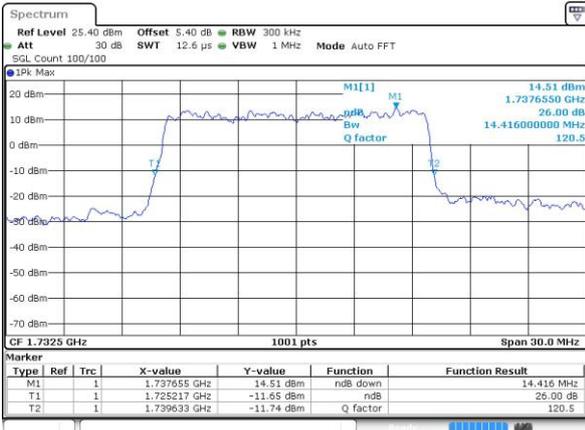
Date: 14 APR 2017 23:14:48

Lowest Channel / 15MHz / 16QAM



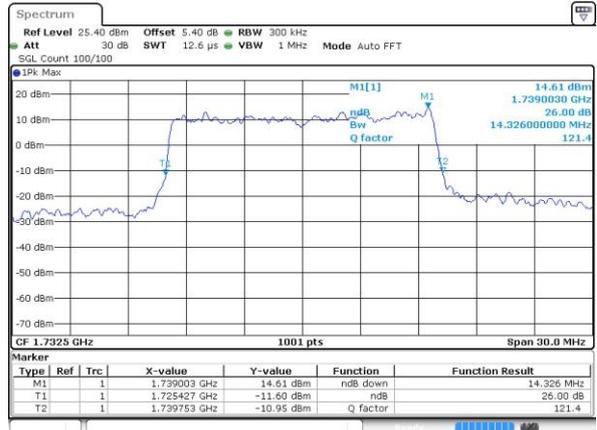
Date: 14 APR 2017 23:14:59

Middle Channel / 15MHz / QPSK



Date: 14 APR 2017 23:21:54

Middle Channel / 15MHz / 16QAM



Date: 14 APR 2017 23:22:05

Highest Channel / 15MHz / QPSK



Date: 14 APR 2017 23:24:28

Highest Channel / 15MHz / 16QAM

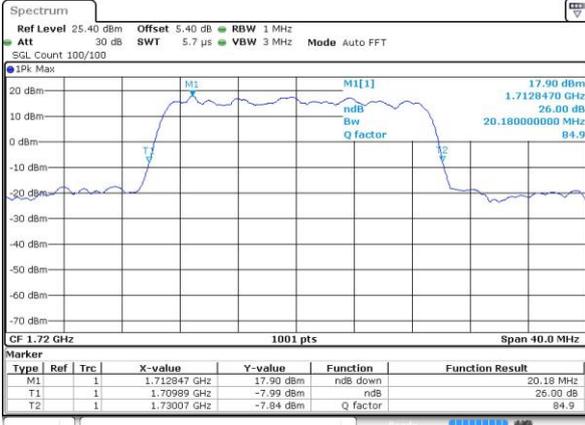


Date: 14 APR 2017 23:24:38



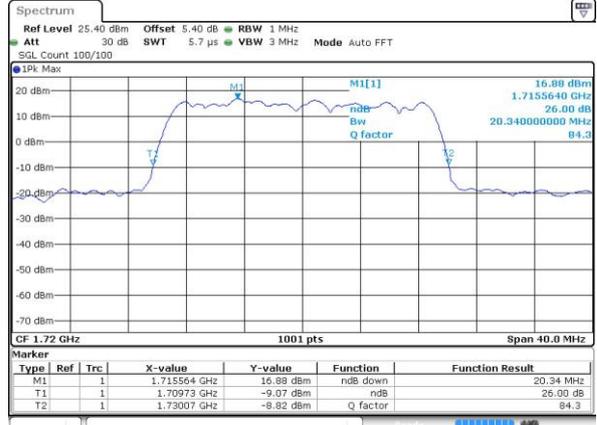
LTE Band 4

Lowest Channel / 20MHz / QPSK



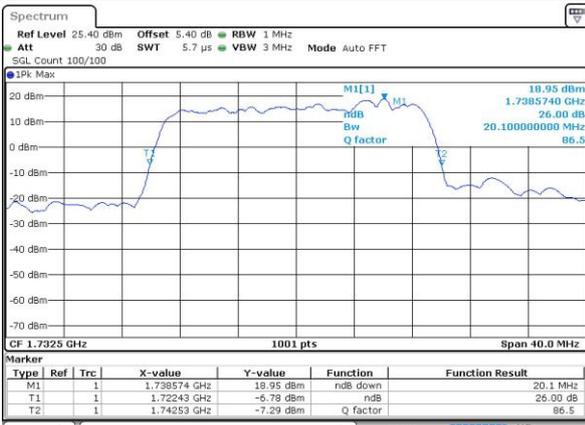
Date: 14 APR 2017 23:31:33

Lowest Channel / 20MHz / 16QAM



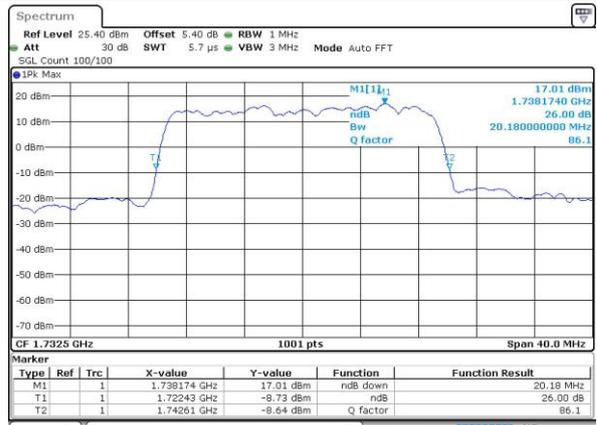
Date: 14 APR 2017 23:31:44

Middle Channel / 20MHz / QPSK



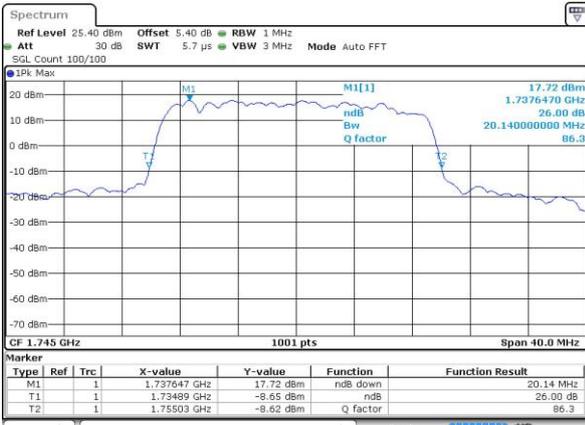
Date: 14 APR 2017 23:38:39

Middle Channel / 20MHz / 16QAM



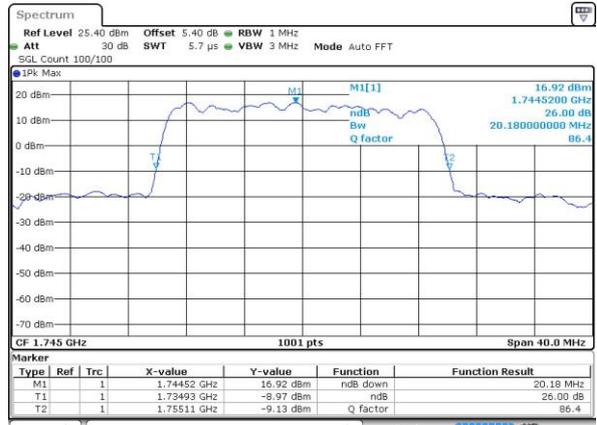
Date: 14 APR 2017 23:38:49

Highest Channel / 20MHz / QPSK



Date: 14 APR 2017 23:41:12

Highest Channel / 20MHz / 16QAM

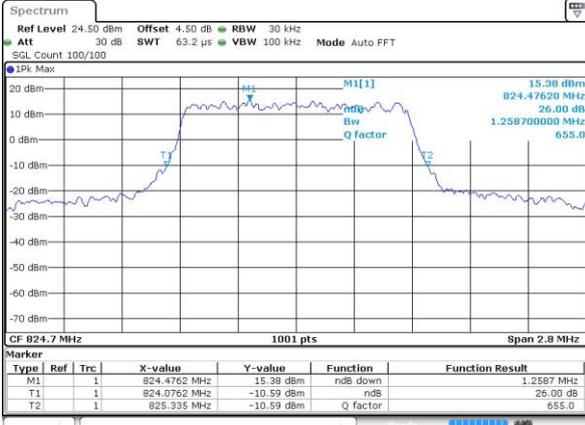


Date: 14 APR 2017 23:41:23



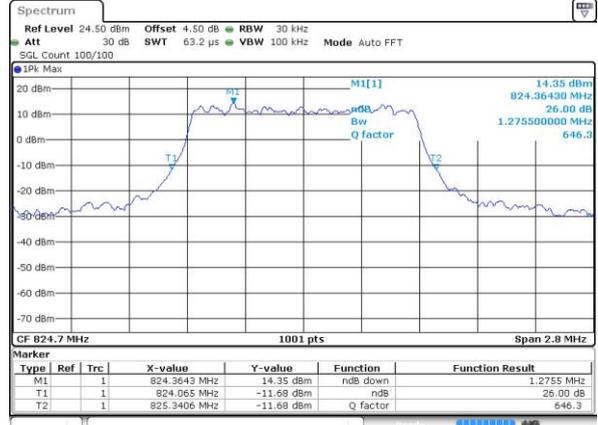
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



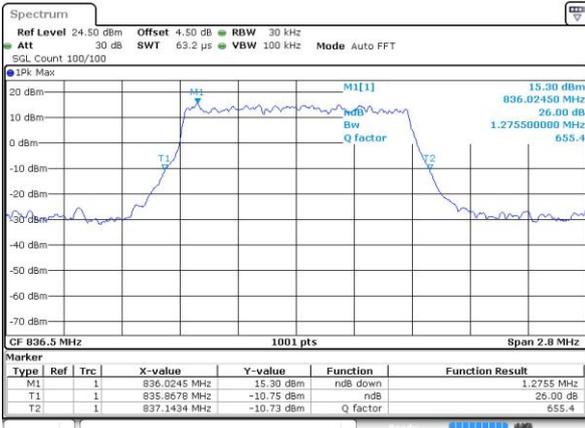
Date: 14 APR 2017 14:34:52

Lowest Channel / 1.4MHz / 16QAM



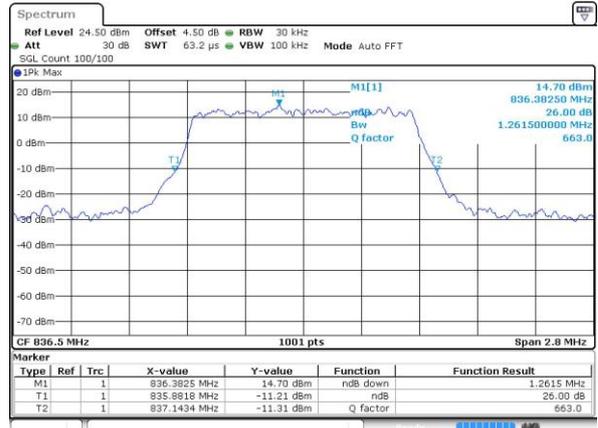
Date: 14 APR 2017 14:34:41

Middle Channel / 1.4MHz / QPSK



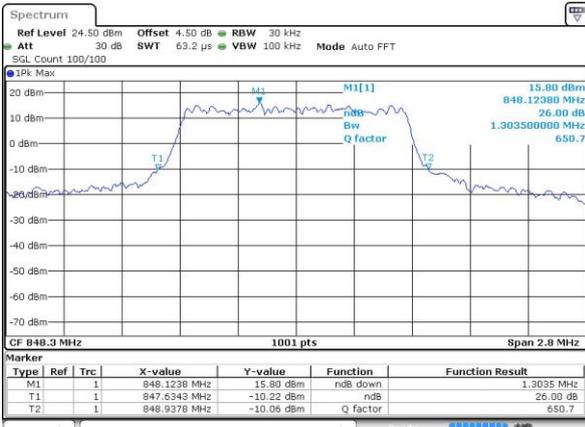
Date: 14 APR 2017 14:43:54

Middle Channel / 1.4MHz / 16QAM



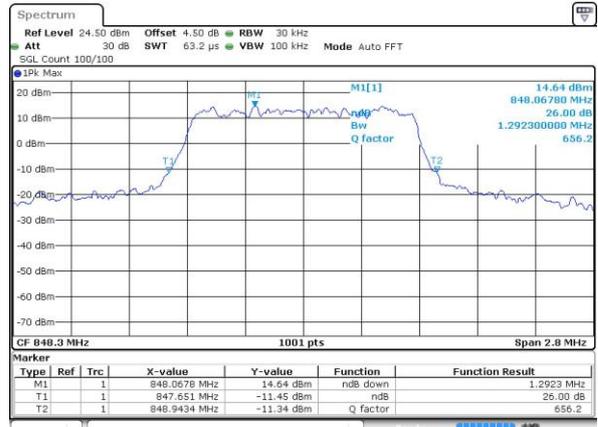
Date: 14 APR 2017 14:44:05

Highest Channel / 1.4MHz / QPSK



Date: 14 APR 2017 14:46:31

Highest Channel / 1.4MHz / 16QAM

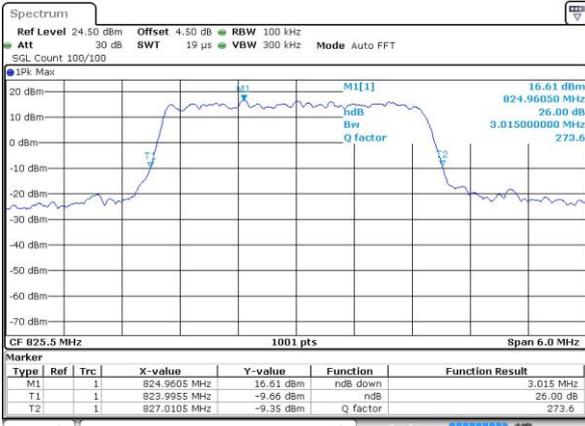


Date: 14 APR 2017 14:46:42



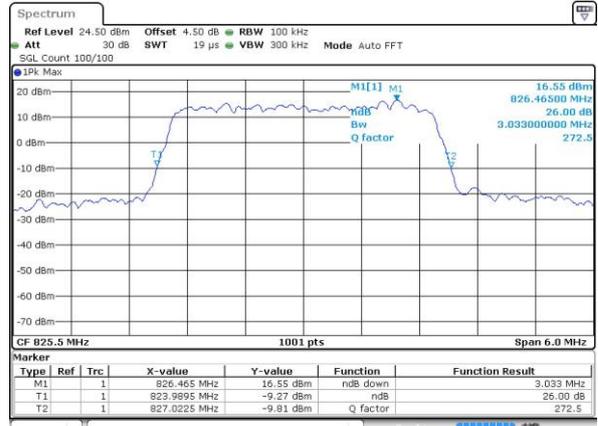
LTE Band 5

Lowest Channel / 3MHz / QPSK



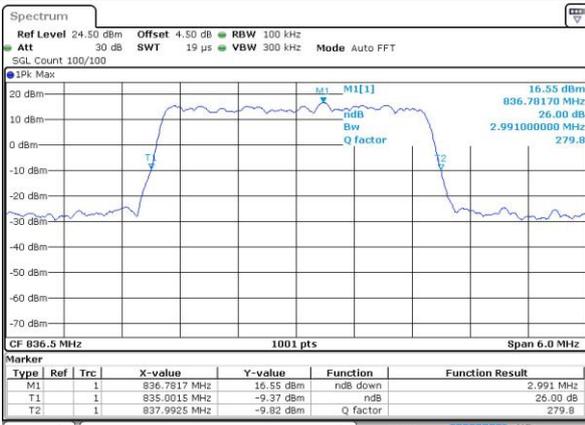
Date: 14 APR 2017 14:55:43

Lowest Channel / 3MHz / 16QAM



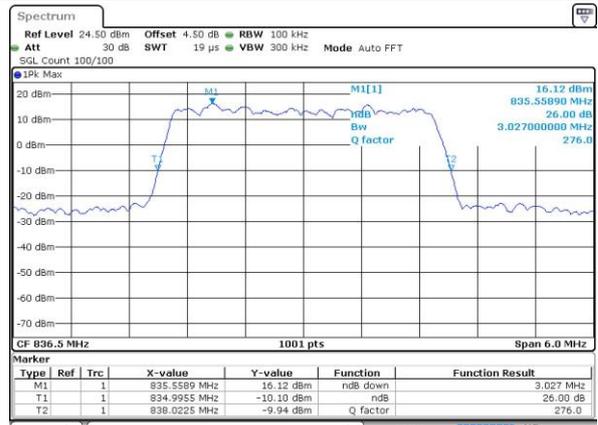
Date: 14 APR 2017 14:55:55

Middle Channel / 3MHz / QPSK



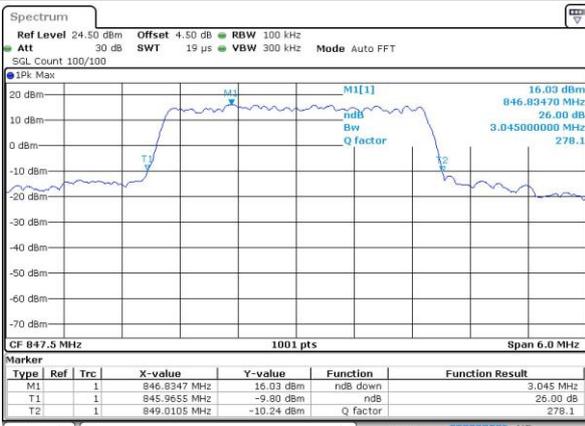
Date: 14 APR 2017 15:04:56

Middle Channel / 3MHz / 16QAM



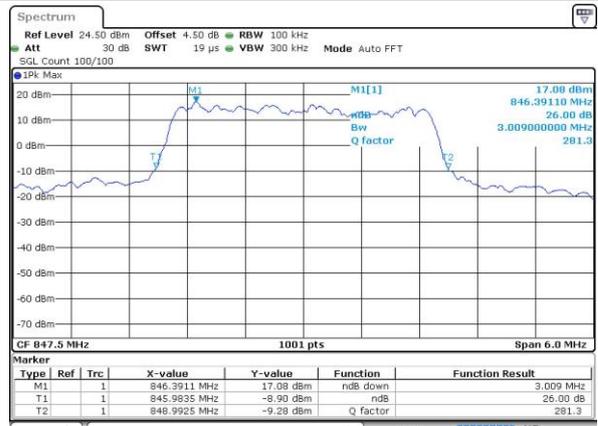
Date: 14 APR 2017 15:05:07

Highest Channel / 3MHz / QPSK



Date: 14 APR 2017 15:07:33

Highest Channel / 3MHz / 16QAM

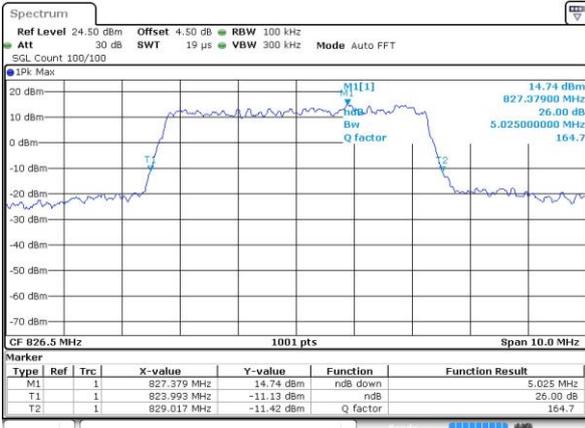


Date: 14 APR 2017 15:07:44



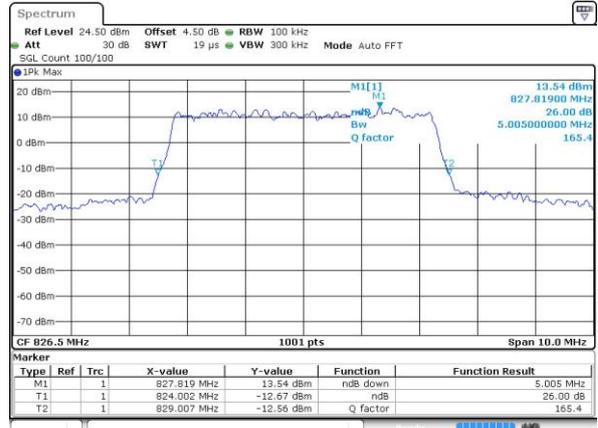
LTE Band 5

Lowest Channel / 5MHz / QPSK



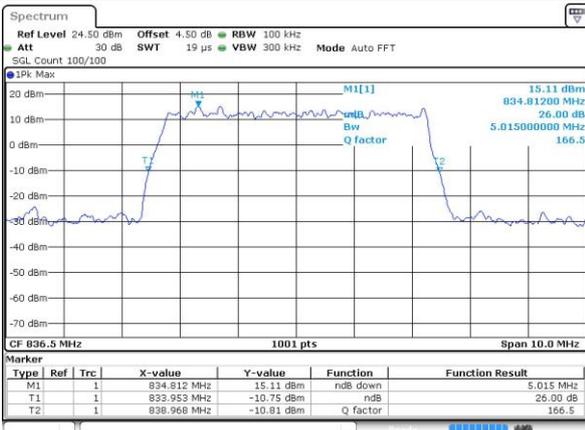
Date: 14 APR 2017 15:16:46

Lowest Channel / 5MHz / 16QAM



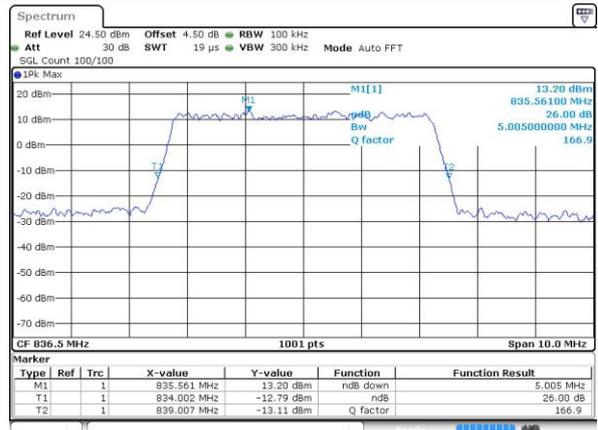
Date: 14 APR 2017 15:16:57

Middle Channel / 5MHz / QPSK



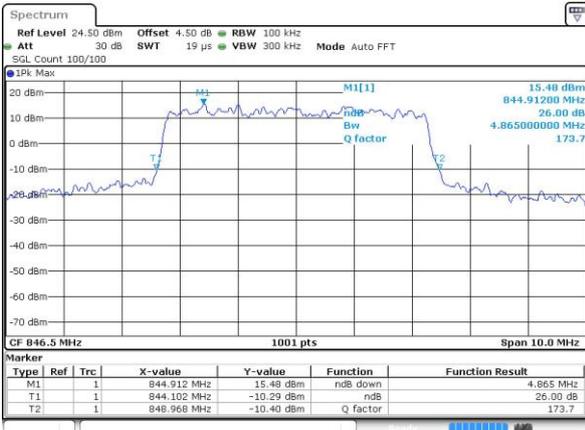
Date: 14 APR 2017 15:25:58

Middle Channel / 5MHz / 16QAM



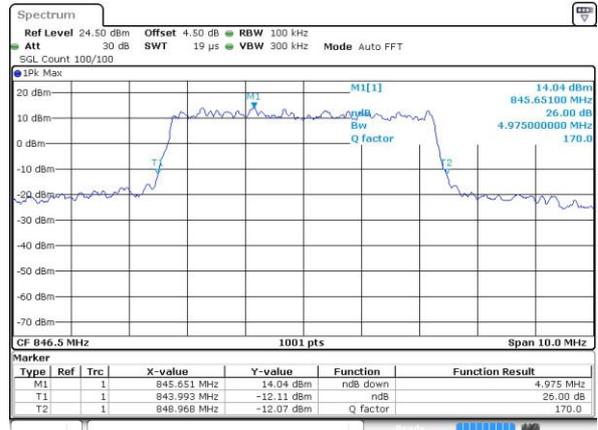
Date: 14 APR 2017 15:26:10

Highest Channel / 5MHz / QPSK



Date: 14 APR 2017 15:28:35

Highest Channel / 5MHz / 16QAM

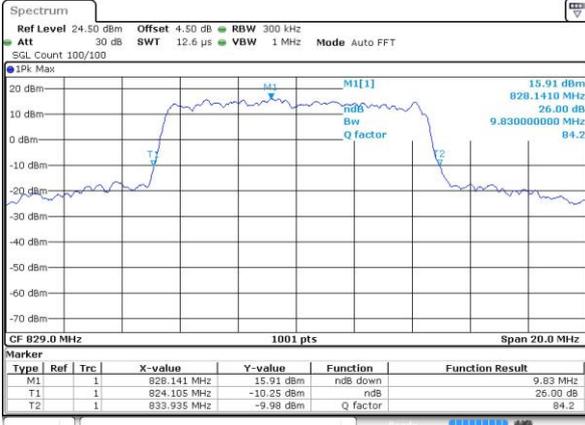


Date: 14 APR 2017 15:28:46



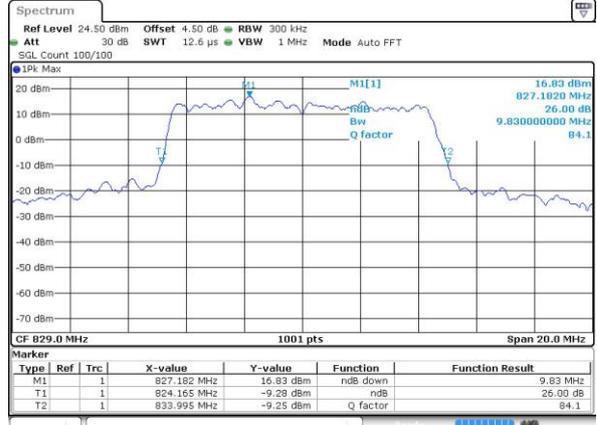
LTE Band 5

Lowest Channel / 10MHz / QPSK



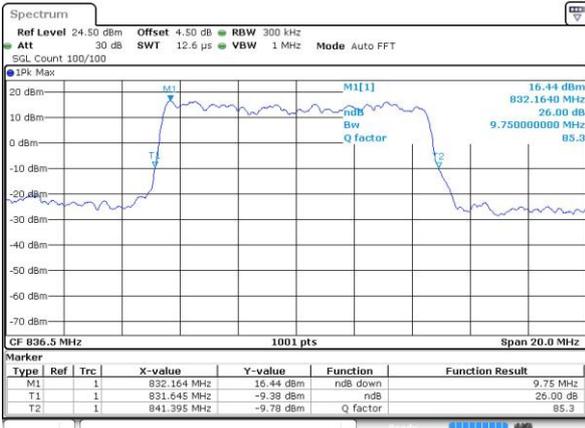
Date: 14 APR 2017 15:37:47

Lowest Channel / 10MHz / 16QAM



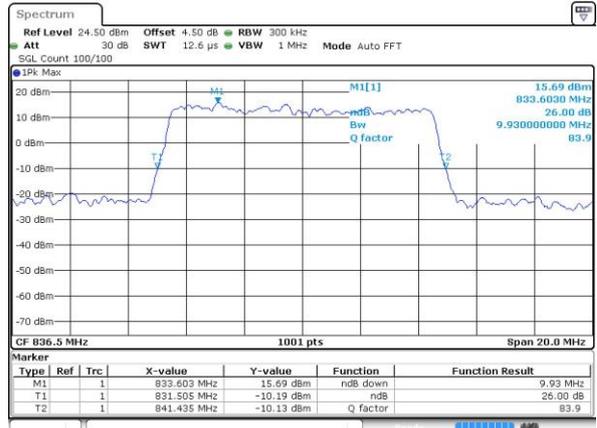
Date: 14 APR 2017 15:37:58

Middle Channel / 10MHz / QPSK



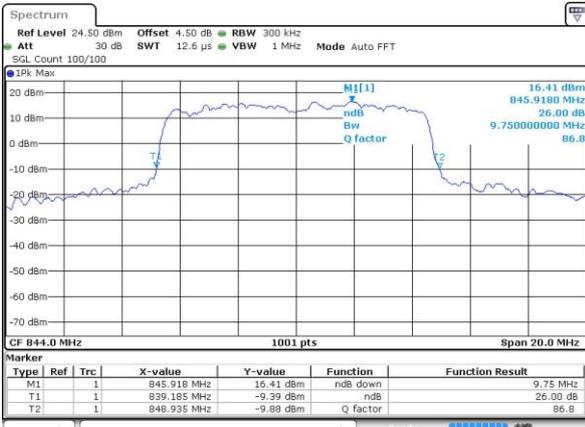
Date: 14 APR 2017 15:46:59

Middle Channel / 10MHz / 16QAM



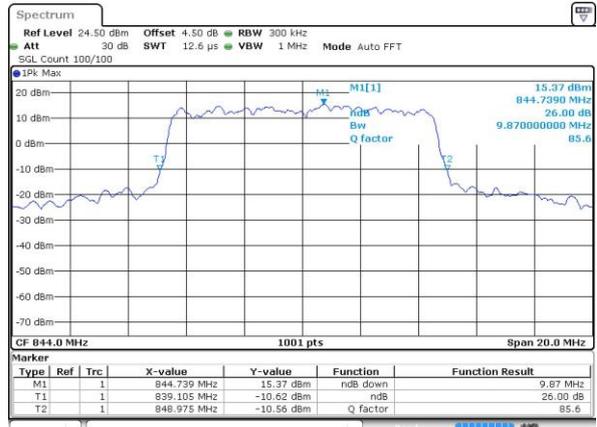
Date: 14 APR 2017 15:47:10

Highest Channel / 10MHz / QPSK



Date: 14 APR 2017 15:49:36

Highest Channel / 10MHz / 16QAM

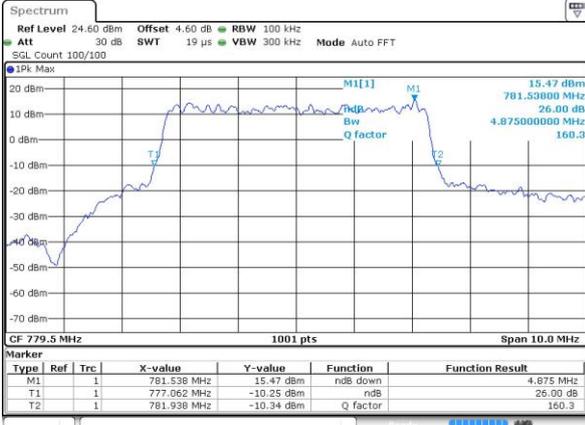


Date: 14 APR 2017 15:49:47



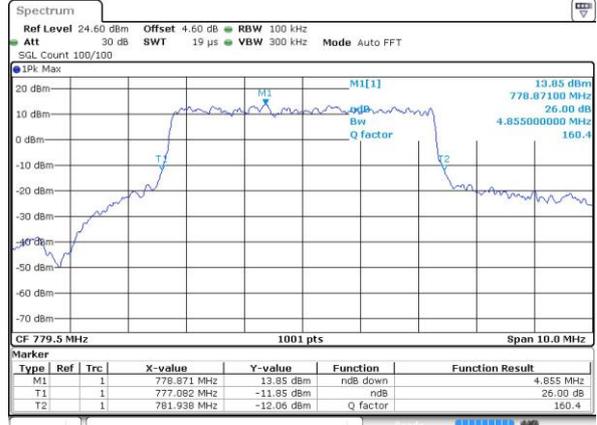
LTE Band 13

Lowest Channel / 5MHz / QPSK



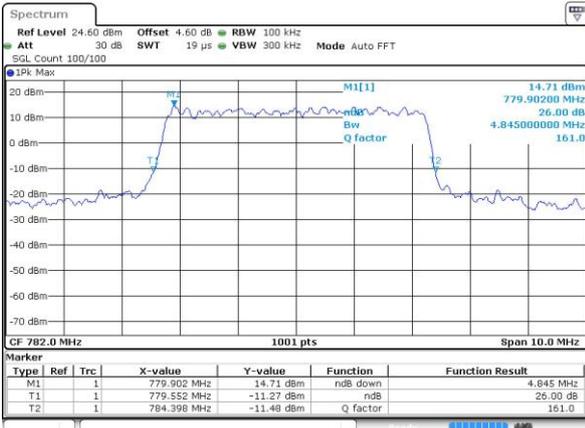
Date: 15 APR 2017 00:35:30

Lowest Channel / 5MHz / 16QAM



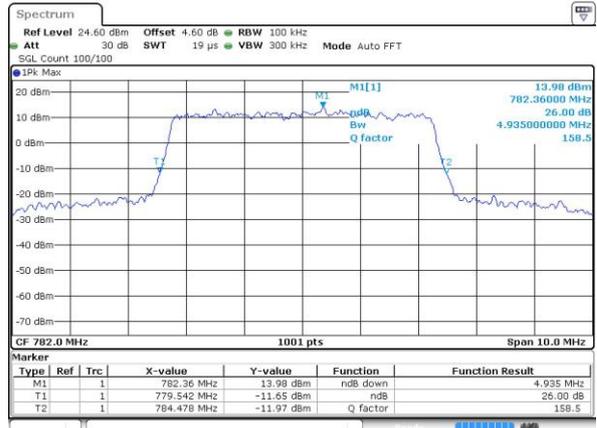
Date: 15 APR 2017 00:35:19

Middle Channel / 5MHz / QPSK



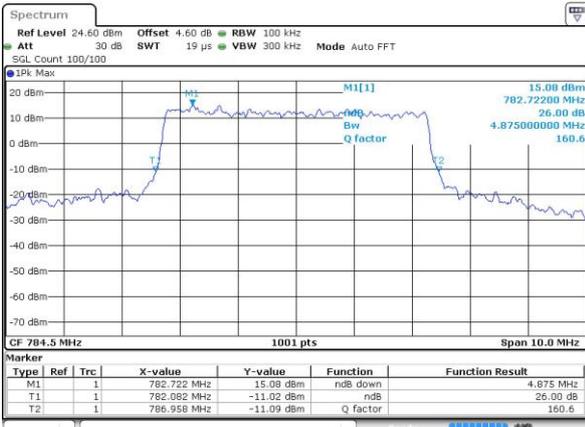
Date: 15 APR 2017 00:34:58

Middle Channel / 5MHz / 16QAM



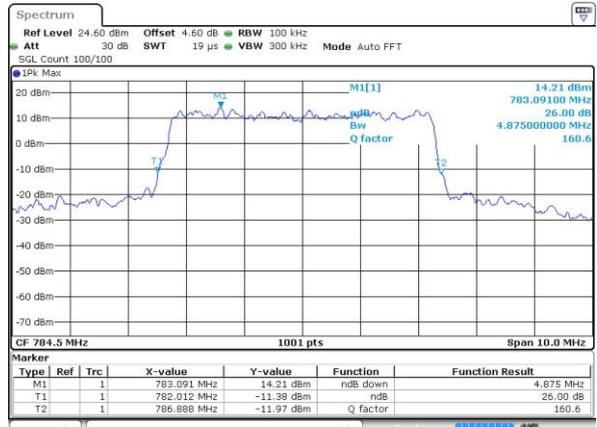
Date: 15 APR 2017 00:35:09

Highest Channel / 5MHz / QPSK



Date: 15 APR 2017 00:34:48

Highest Channel / 5MHz / 16QAM

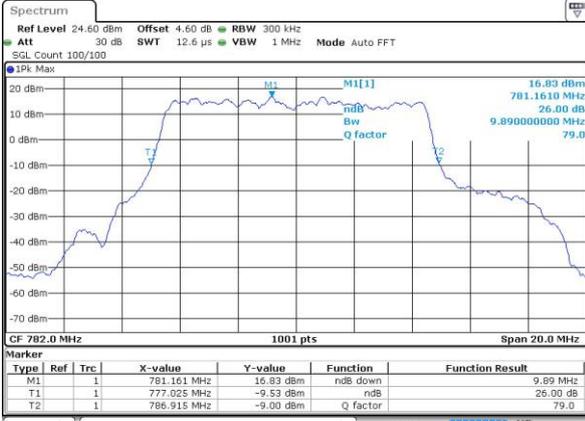


Date: 15 APR 2017 00:34:37



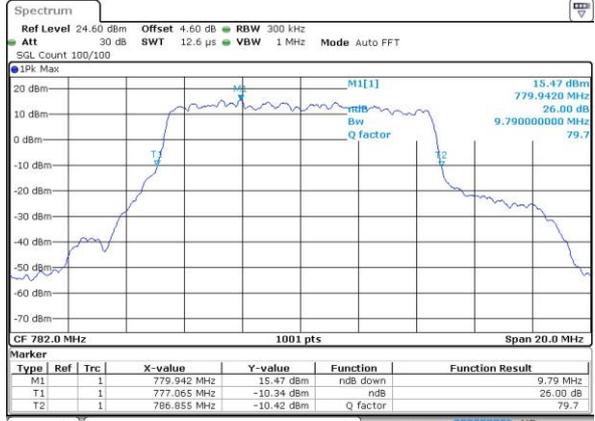
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 15 APR 2017 00:54:37

Middle Channel / 10MHz / 16QAM



Date: 15 APR 2017 00:54:48



Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.73	4.52	4.51	9.03	9.05	13.52	13.46	18.38	18.54
Middle CH	1.09	1.10	2.72	2.73	4.51	4.52	8.97	9.03	13.49	13.46	18.42	18.34
Highest CH	1.09	1.09	2.72	2.72	4.49	4.51	9.03	8.97	13.43	13.46	18.34	18.42

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	1.10	1.10	2.73	2.73	4.52	4.49	8.99	8.95	13.43	13.43	18.30	18.26
Middle CH	1.10	1.10	2.72	2.73	4.51	4.49	9.03	9.03	13.49	13.55	18.38	18.46
Highest CH	1.09	1.09	2.74	2.73	4.51	4.51	9.05	9.01	13.43	13.43	18.14	18.38

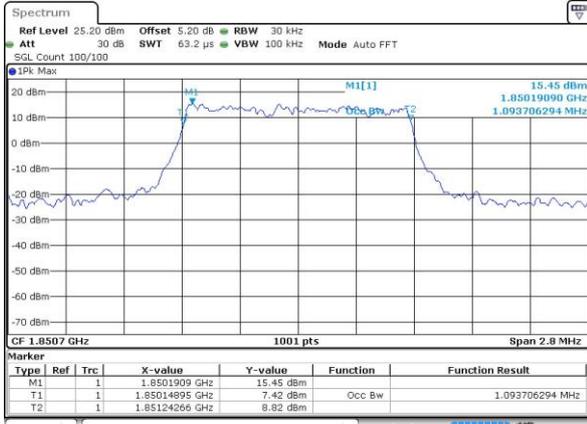
Mode	LTE Band 5 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.72	2.71	4.50	4.48	9.01	8.93	-	-	-	-
Middle CH	1.09	1.09	2.72	2.70	4.51	4.50	9.09	9.03	-	-	-	-
Highest CH	1.10	1.09	2.75	2.72	4.52	4.52	8.99	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	-	-	-	-	4.53	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	4.51	9.01	9.05	-	-	-	-
Highest CH	-	-	-	-	4.53	4.49	-	-	-	-	-	-



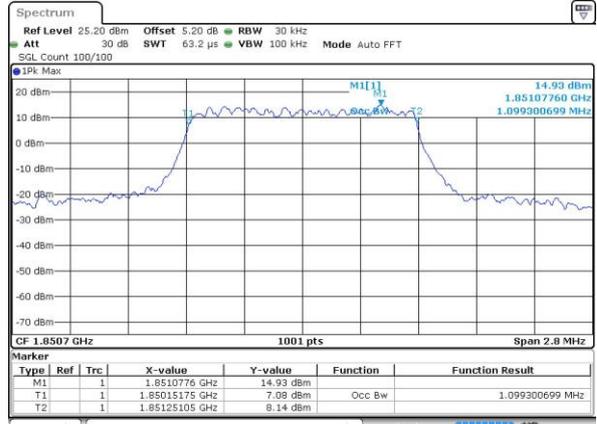
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



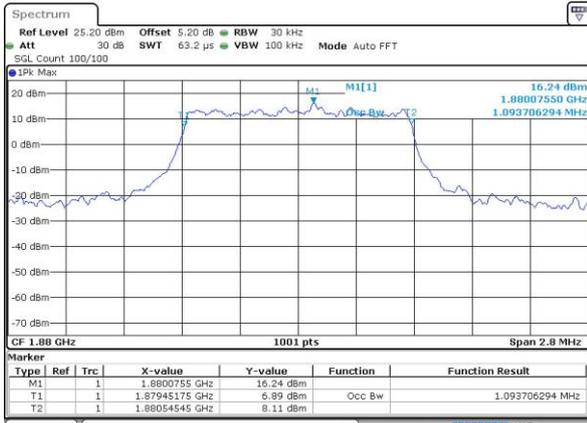
Date: 14 APR 2017 11:44:50

Lowest Channel / 1.4MHz / 16QAM



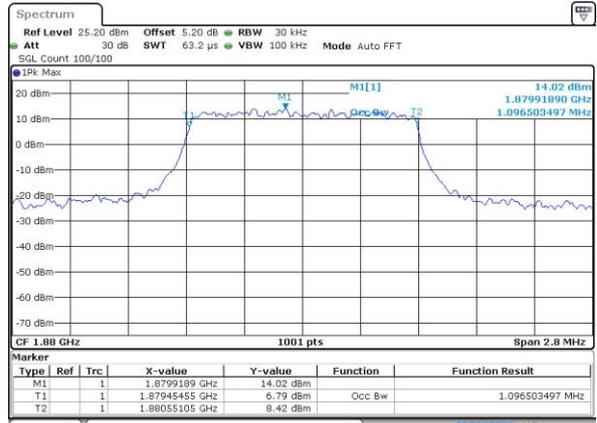
Date: 14 APR 2017 11:45:02

Middle Channel / 1.4MHz / QPSK



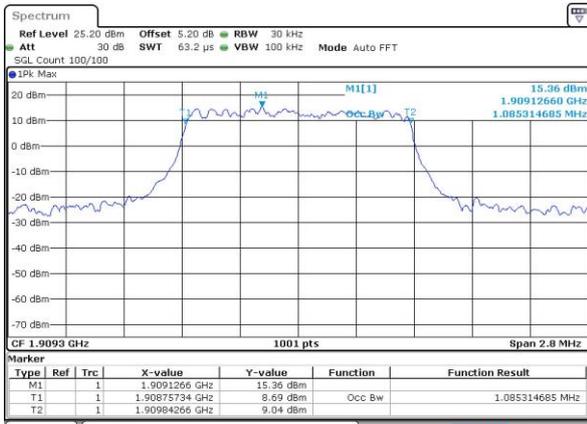
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Middle Channel / 1.4MHz / 16QAM



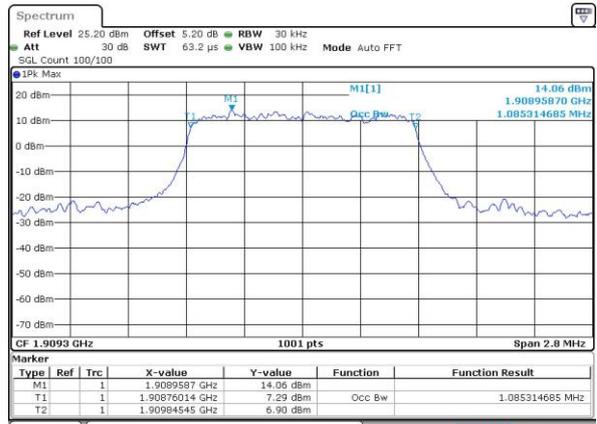
Date: 14 APR 2017 11:52:15

Highest Channel / 1.4MHz / QPSK



Date: 14 APR 2017 11:54:41

Highest Channel / 1.4MHz / 16QAM

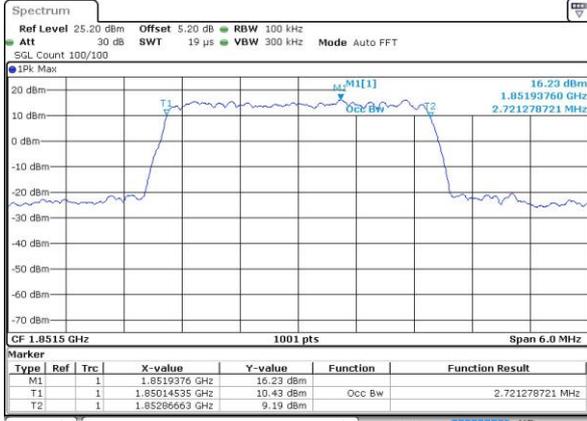


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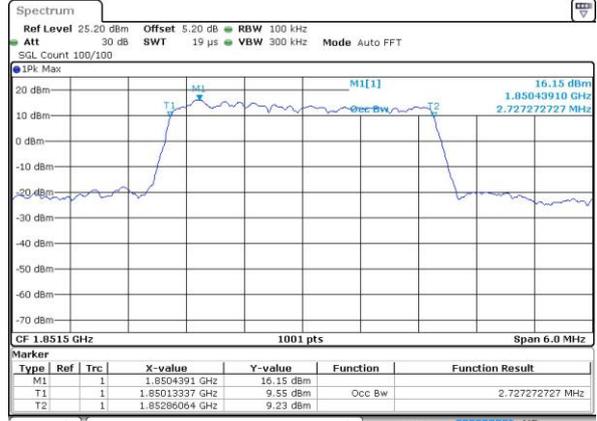
LTE Band 2

Lowest Channel / 3MHz / QPSK



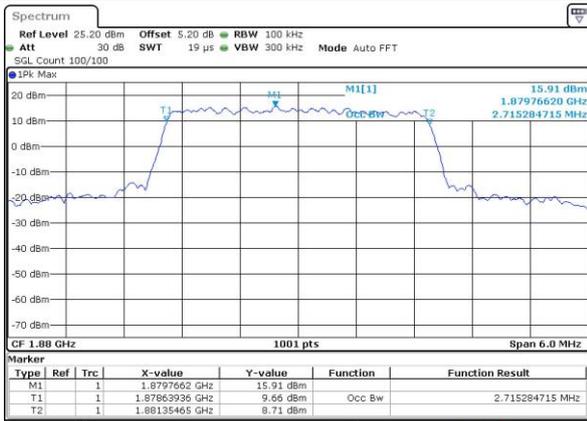
Date: 14 APR 2017 12:01:54

Lowest Channel / 3MHz / 16QAM



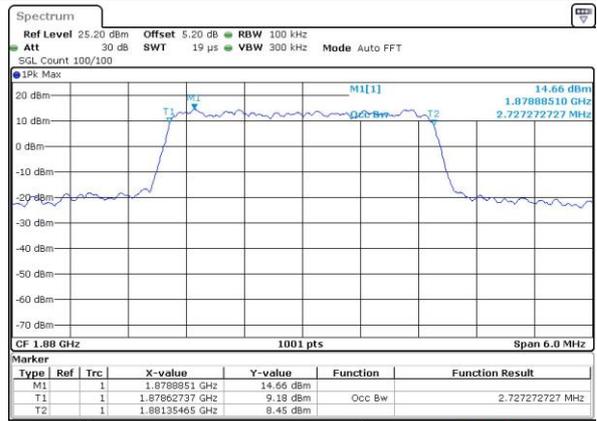
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Middle Channel / 3MHz / QPSK



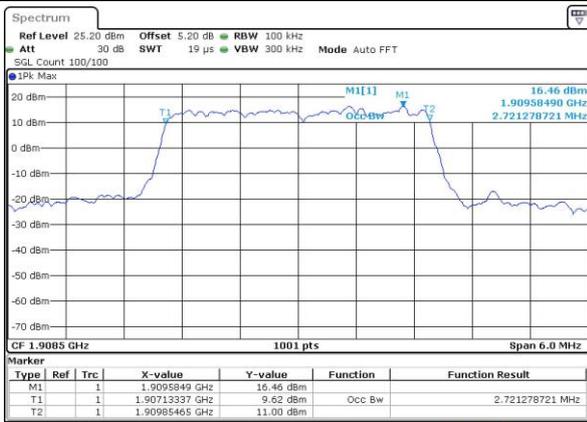
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Middle Channel / 3MHz / 16QAM



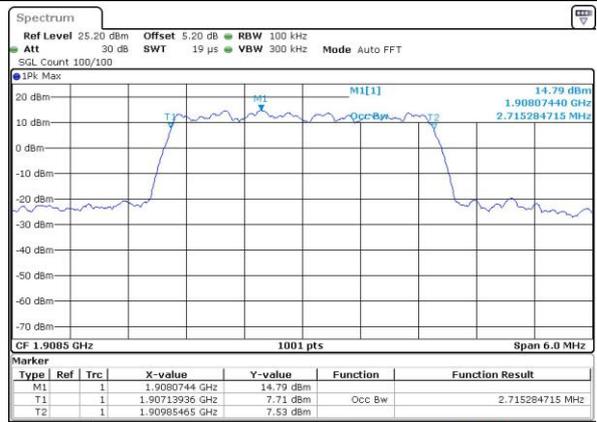
Date: 14 APR 2017 12:09:18

Highest Channel / 3MHz / QPSK



Date: 14 APR 2017 12:11:44

Highest Channel / 3MHz / 16QAM

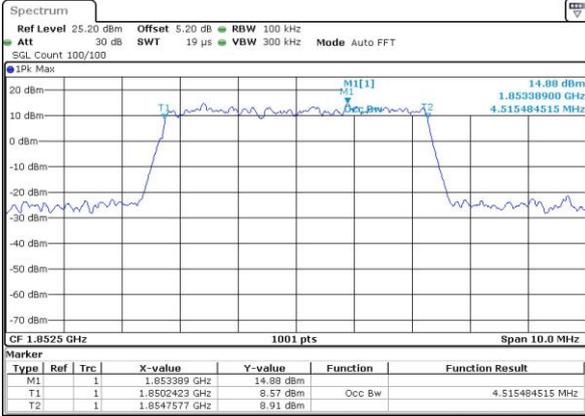


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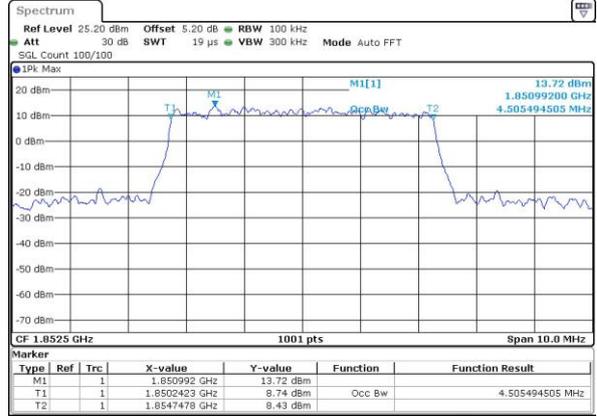
LTE Band 2

Lowest Channel / 5MHz / QPSK



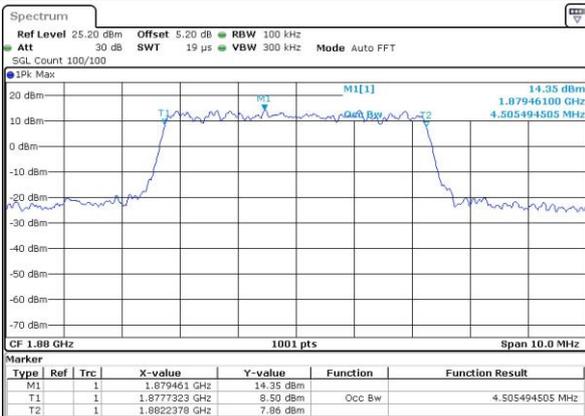
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Lowest Channel / 5MHz / 16QAM



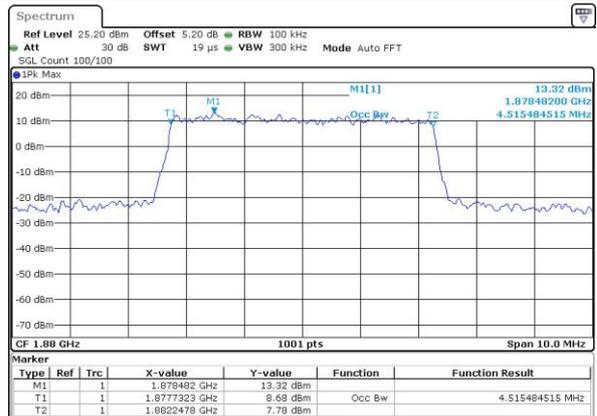
Date: 14 APR 2017 12:19:08

Middle Channel / 5MHz / QPSK



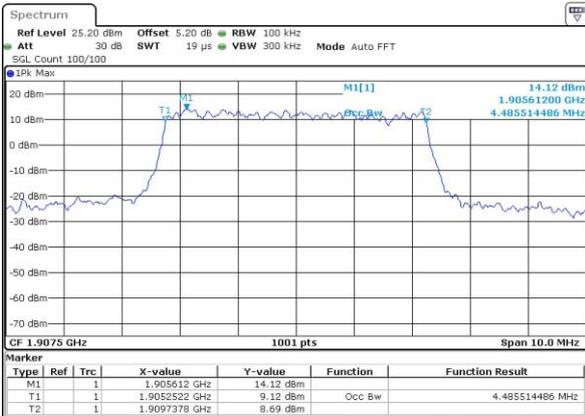
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Middle Channel / 5MHz / 16QAM



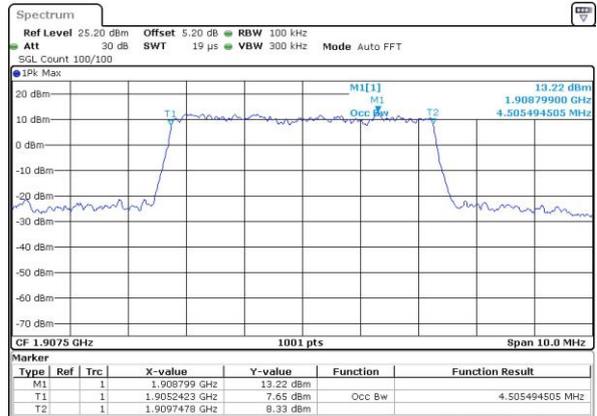
Date: 14 APR 2017 12:26:21

Highest Channel / 5MHz / QPSK



Date: 14 APR 2017 16:13:48

Highest Channel / 5MHz / 16QAM

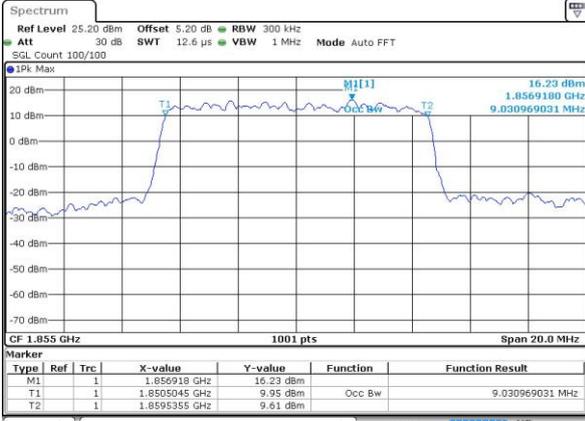


Date: 14 APR 2017 12:28:58



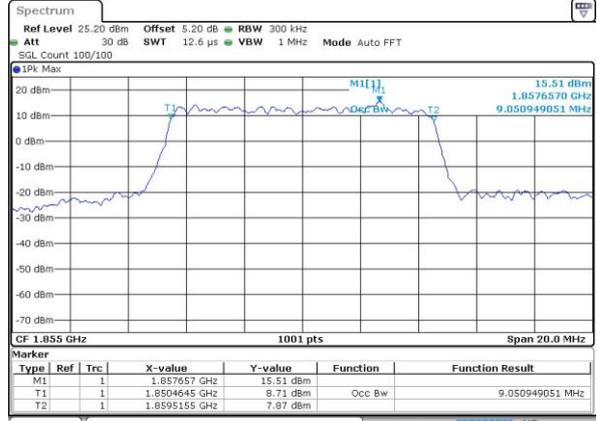
LTE Band 2

Lowest Channel / 10MHz / QPSK



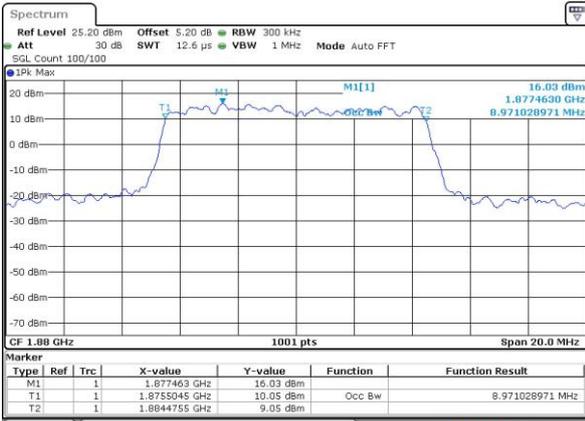
Date: 14 APR 2017 12:36:00

Lowest Channel / 10MHz / 16QAM



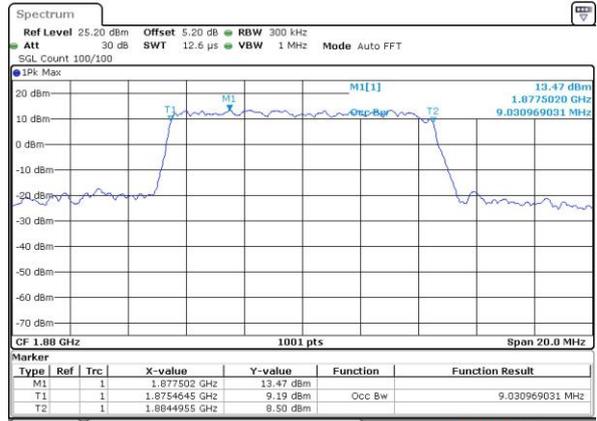
Date: 14 APR 2017 12:36:11

Middle Channel / 10MHz / QPSK



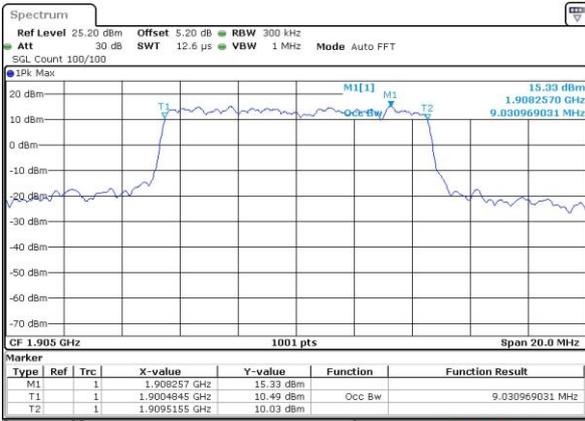
Date: 14 APR 2017 12:43:13

Middle Channel / 10MHz / 16QAM



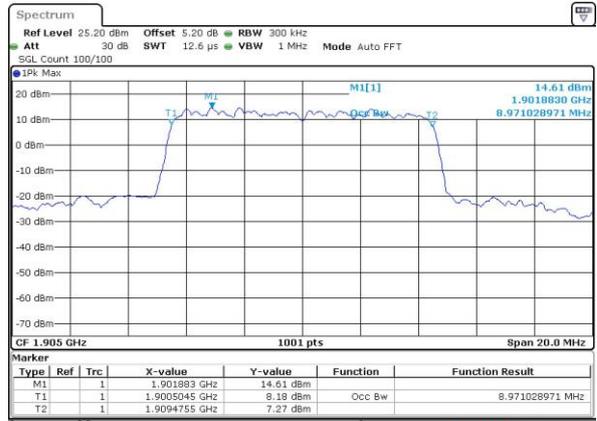
Date: 14 APR 2017 12:43:24

Highest Channel / 10MHz / QPSK



Date: 14 APR 2017 12:45:51

Highest Channel / 10MHz / 16QAM

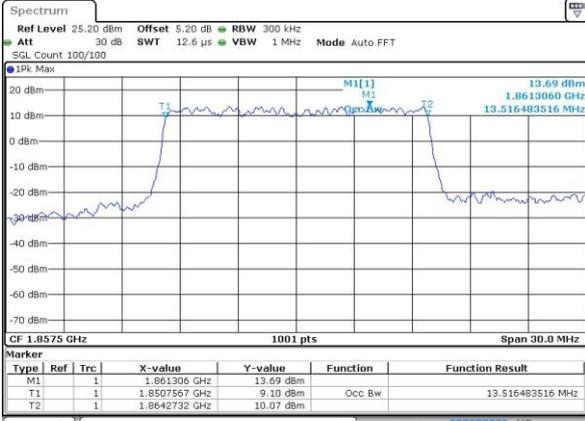


Date: 14 APR 2017 12:46:02



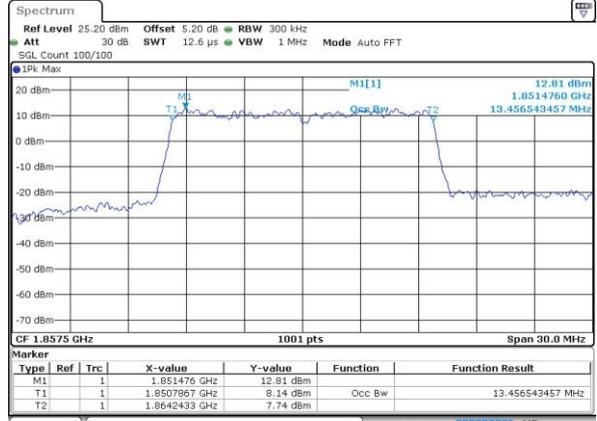
LTE Band 2

Lowest Channel / 15MHz / QPSK



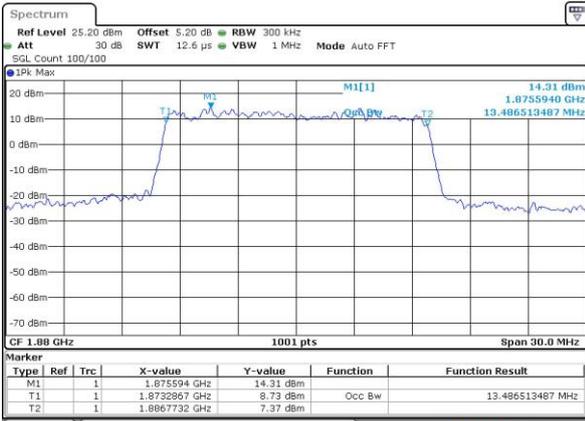
Date: 14 APR 2017 12:53:03

Lowest Channel / 15MHz / 16QAM



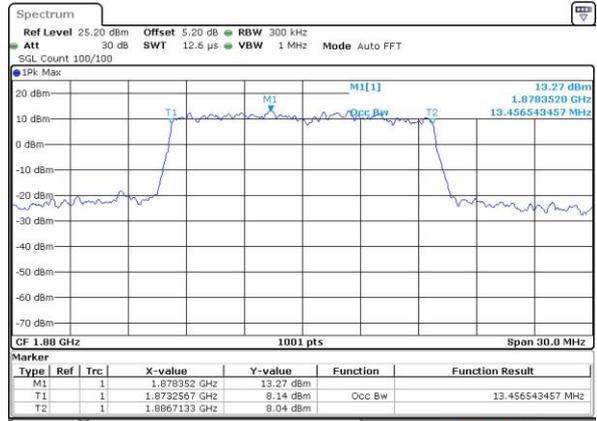
Date: 14 APR 2017 12:53:15

Middle Channel / 15MHz / QPSK



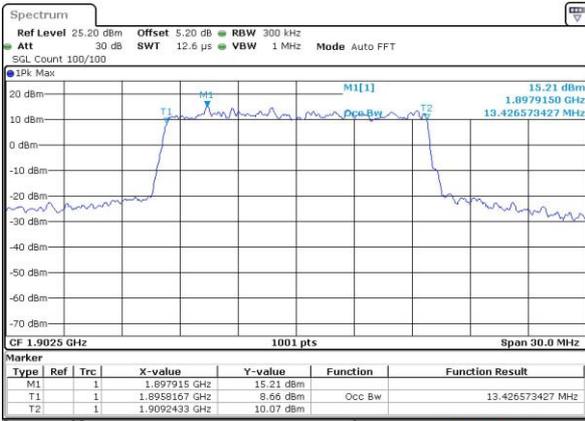
Date: 14 APR 2017 13:00:16

Middle Channel / 15MHz / 16QAM



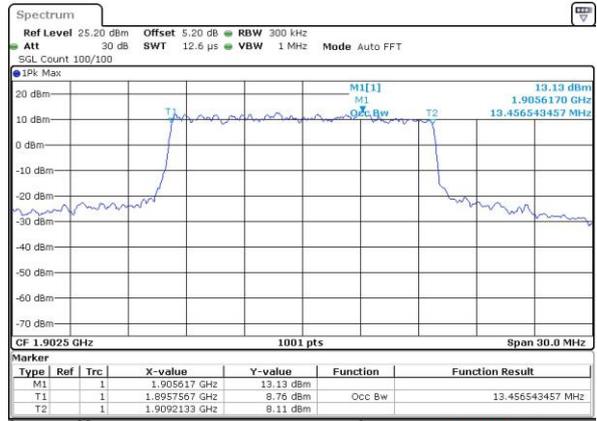
Date: 14 APR 2017 13:00:28

Highest Channel / 15MHz / QPSK



Date: 14 APR 2017 13:02:54

Highest Channel / 15MHz / 16QAM

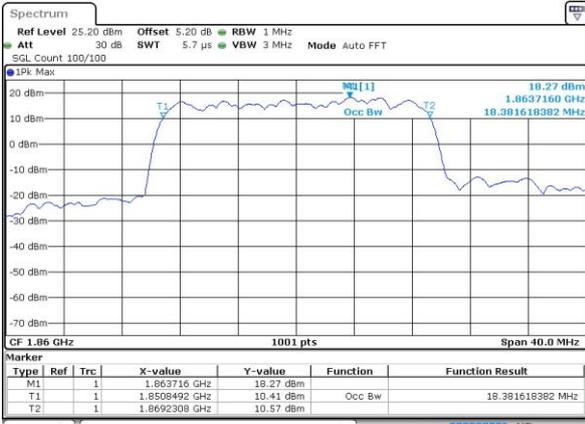


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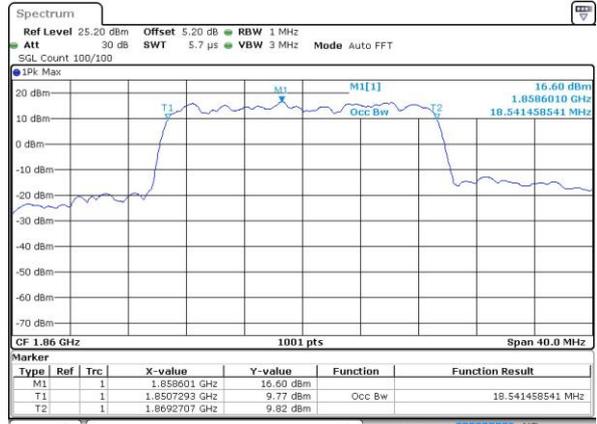
LTE Band 2

Lowest Channel / 20MHz / QPSK



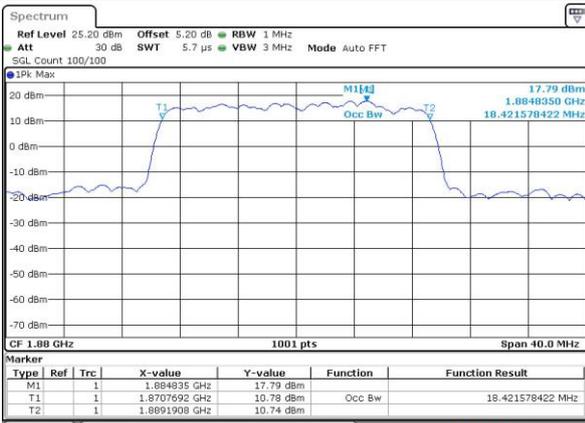
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Lowest Channel / 20MHz / 16QAM



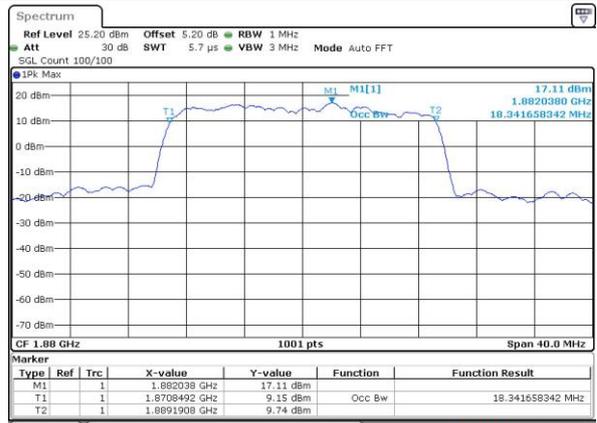
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Middle Channel / 20MHz / QPSK



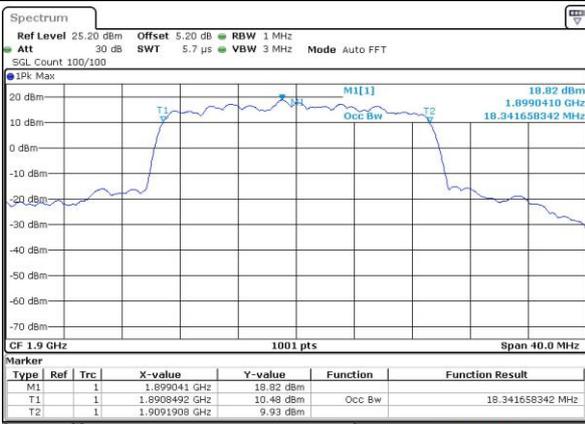
Date: 14 APR 2017 13:17:20

Middle Channel / 20MHz / 16QAM



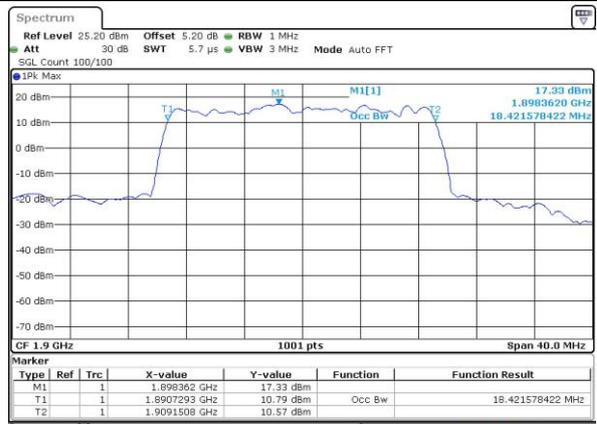
Date: 14 APR 2017 13:17:31

Highest Channel / 20MHz / QPSK



Date: 14 APR 2017 13:19:57

Highest Channel / 20MHz / 16QAM



Date: 14 APR 2017 13:20:08