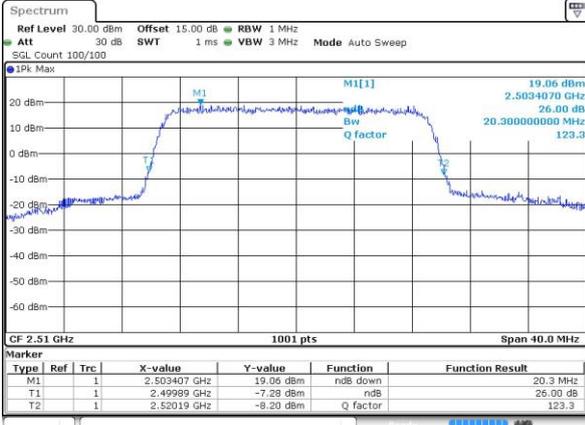




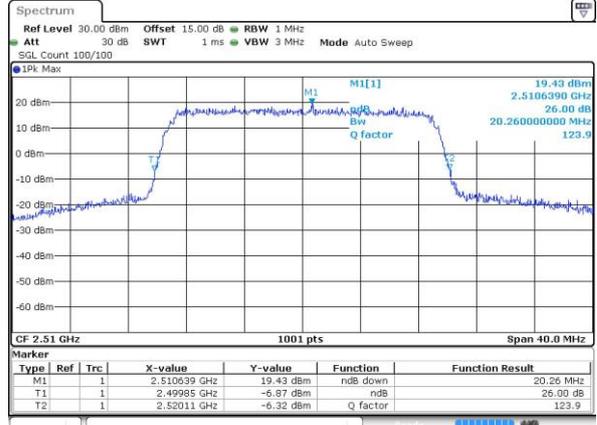
LTE Band 7

Lowest Channel / 20MHz / QPSK



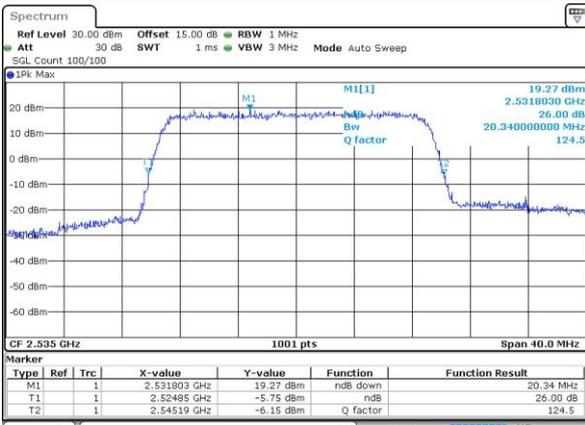
Date: 3 APR 2017 19:23:46

Lowest Channel / 20MHz / 16QAM



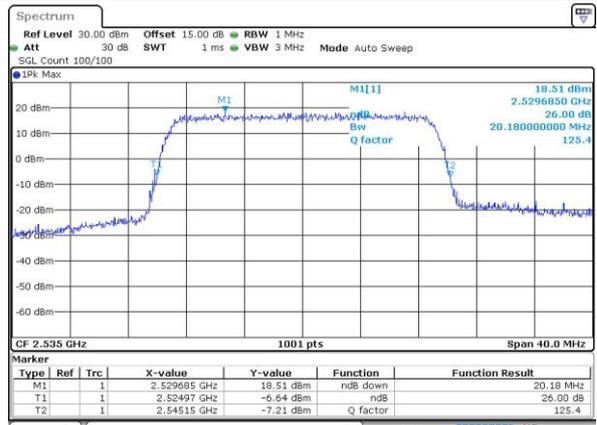
Date: 3 APR 2017 19:23:57

Middle Channel / 20MHz / QPSK



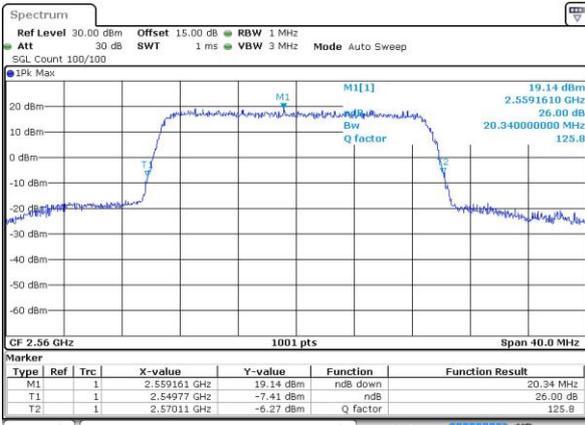
Date: 3 APR 2017 19:30:50

Middle Channel / 20MHz / 16QAM



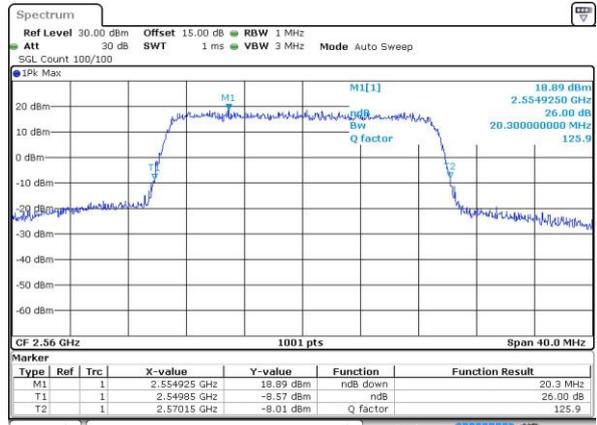
Date: 3 APR 2017 19:31:00

Highest Channel / 20MHz / QPSK



Date: 3 APR 2017 19:33:19

Highest Channel / 20MHz / 16QAM

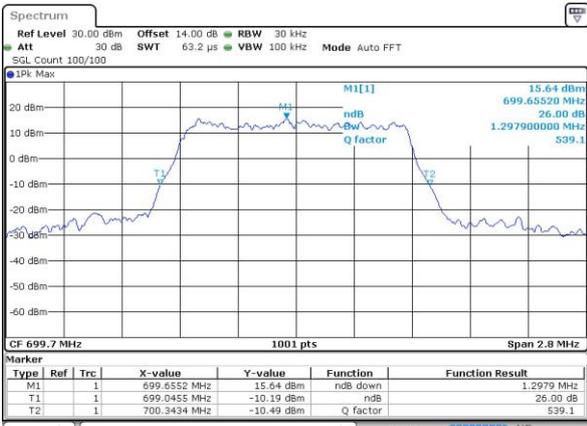


Date: 3 APR 2017 19:33:29



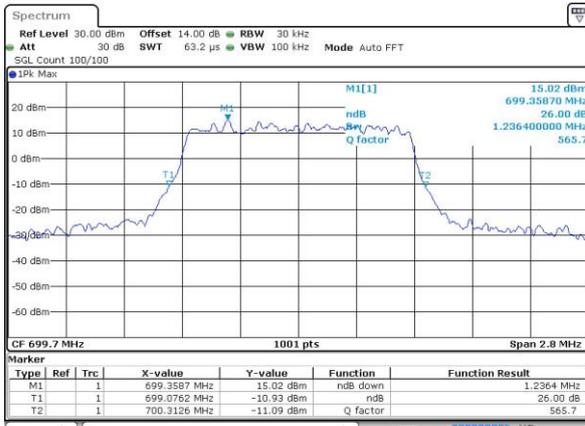
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



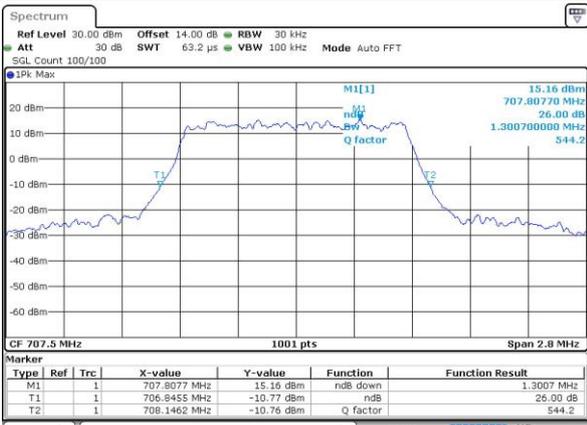
Date: 3 APR 2017 15:32:15

Lowest Channel / 1.4MHz / 16QAM



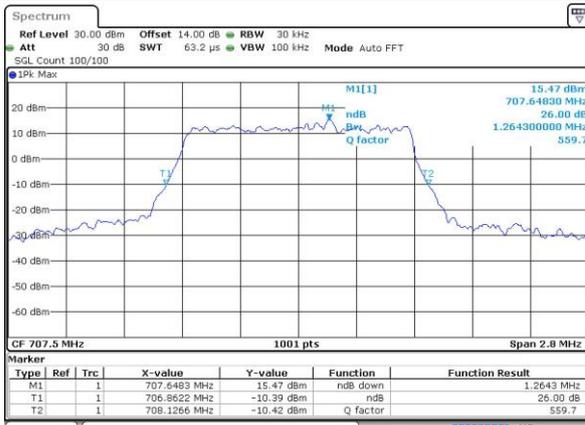
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Middle Channel / 1.4MHz / QPSK



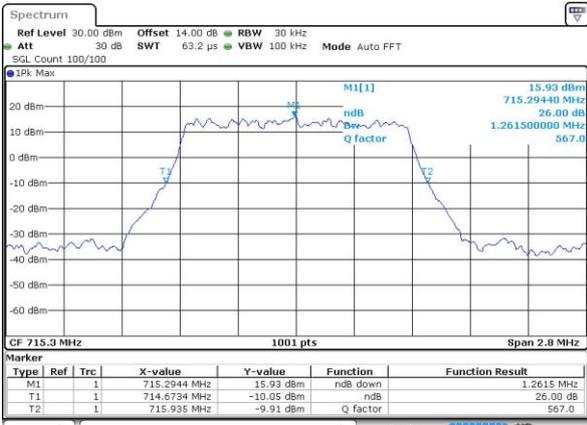
Date: 3 APR 2017 15:39:07

Middle Channel / 1.4MHz / 16QAM



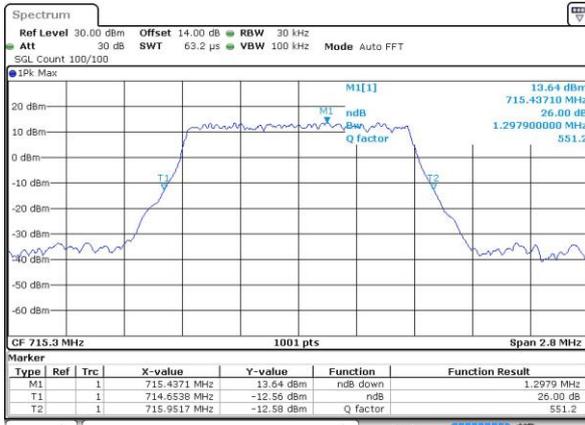
Date: 3 APR 2017 15:39:16

Highest Channel / 1.4MHz / QPSK



Date: 3 APR 2017 15:41:35

Highest Channel / 1.4MHz / 16QAM

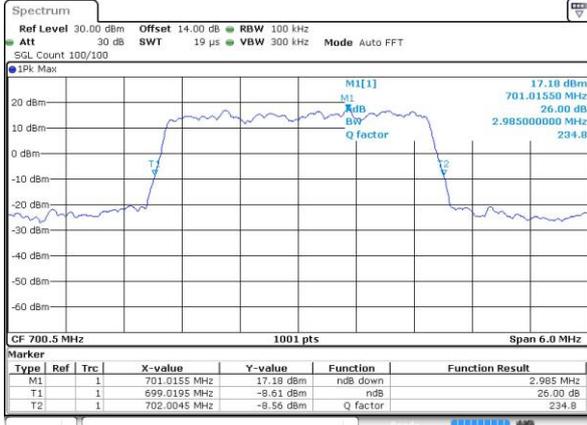


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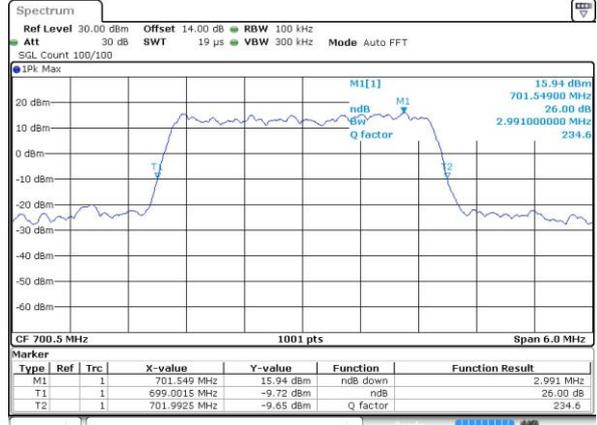
LTE Band 12

Lowest Channel / 3MHz / QPSK



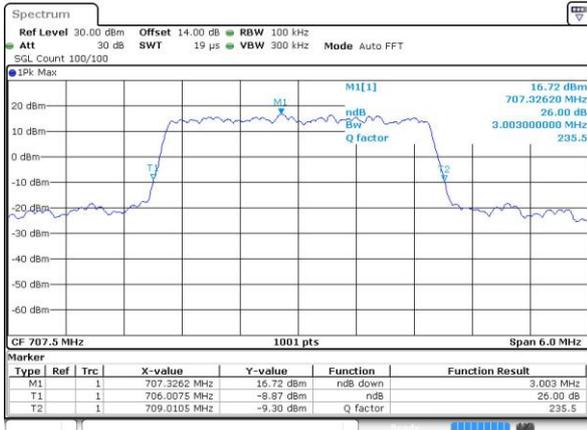
Date: 3 APR 2017 15:48:38

Lowest Channel / 3MHz / 16QAM



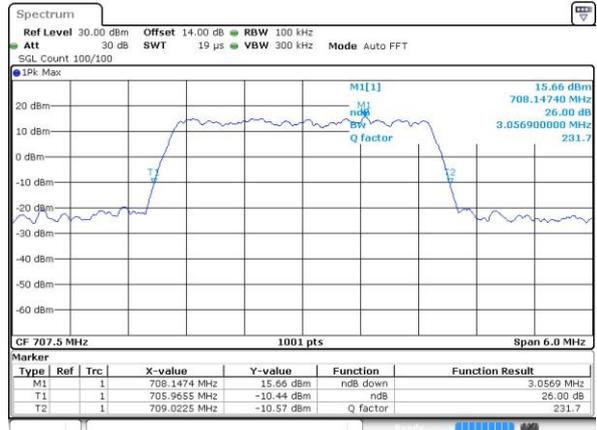
Date: 3 APR 2017 15:48:48

Middle Channel / 3MHz / QPSK



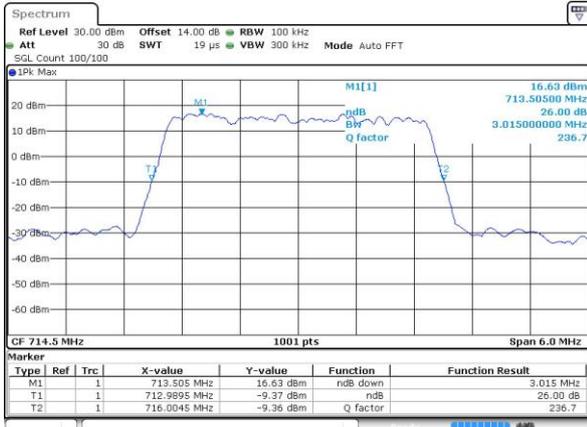
Date: 3 APR 2017 15:55:41

Middle Channel / 3MHz / 16QAM



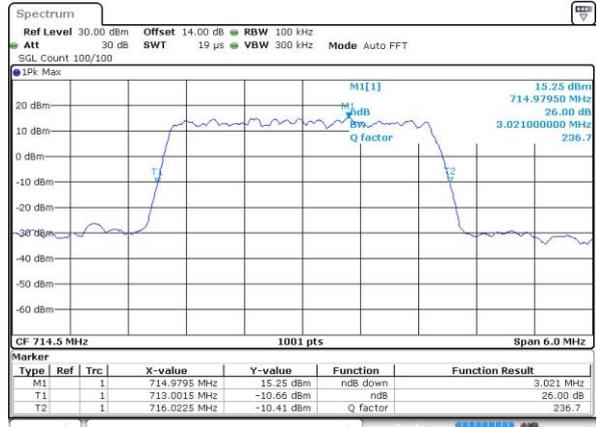
Date: 3 APR 2017 15:55:51

Highest Channel / 3MHz / QPSK



Date: 3 APR 2017 15:58:09

Highest Channel / 3MHz / 16QAM

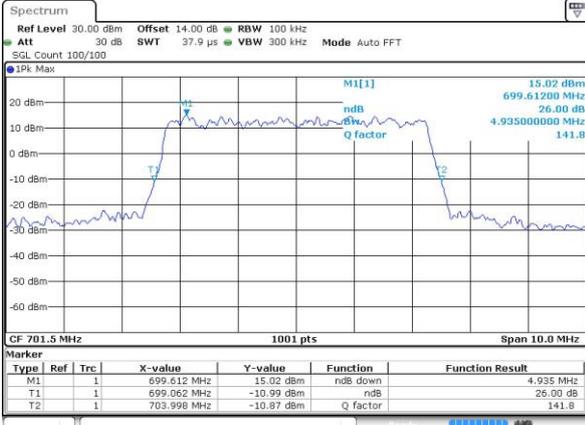


Date: 3 APR 2017 15:58:19



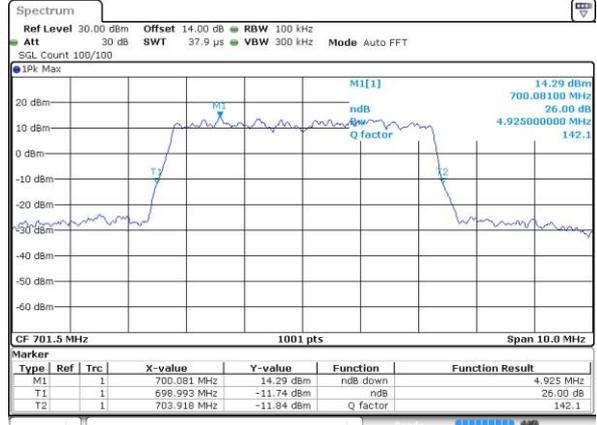
LTE Band 12

Lowest Channel / 5MHz / QPSK



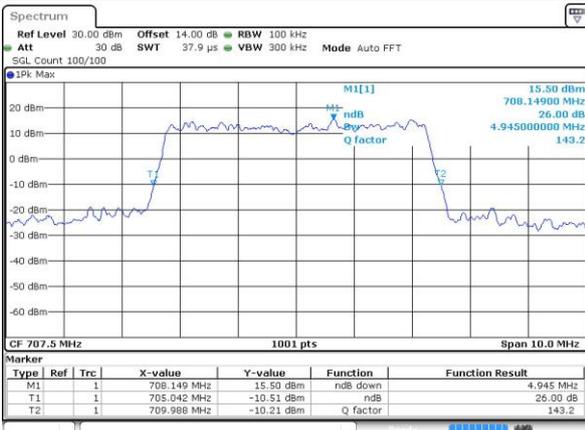
Date: 3 APR 2017 16:05:12

Lowest Channel / 5MHz / 16QAM



Date: 3 APR 2017 16:05:22

Middle Channel / 5MHz / QPSK



Date: 3 APR 2017 16:12:14

Middle Channel / 5MHz / 16QAM



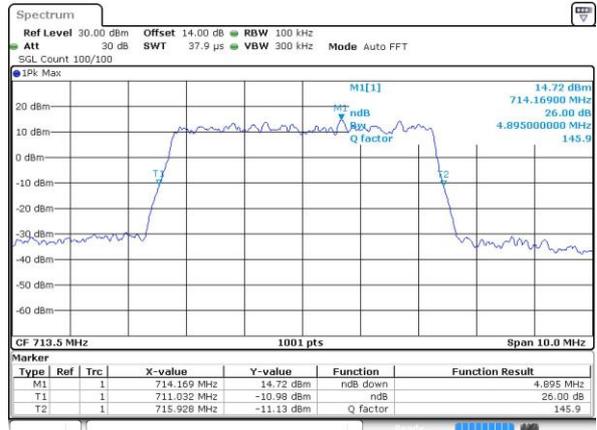
Date: 3 APR 2017 16:12:25

Highest Channel / 5MHz / QPSK



Date: 3 APR 2017 16:14:42

Highest Channel / 5MHz / 16QAM

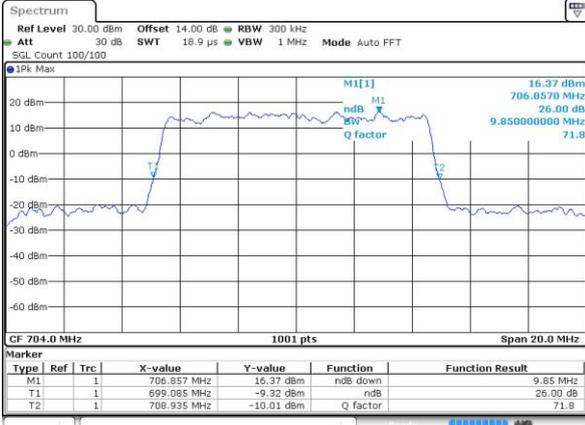


Date: 3 APR 2017 16:14:53



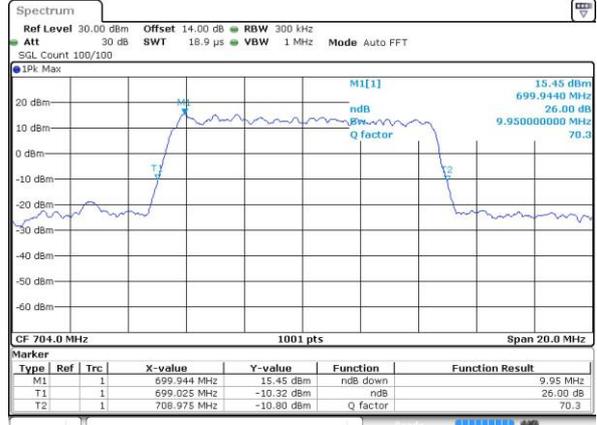
LTE Band 12

Lowest Channel / 10MHz / QPSK



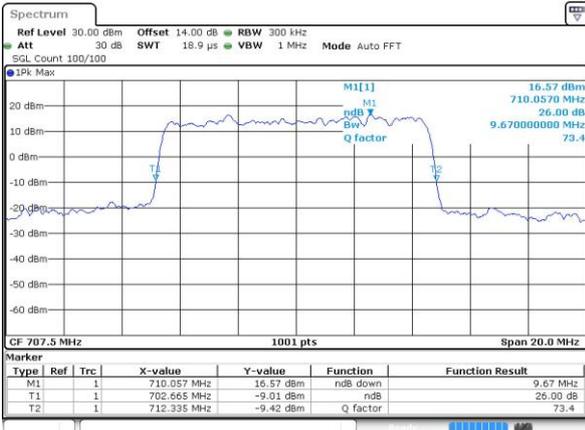
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Lowest Channel / 10MHz / 16QAM



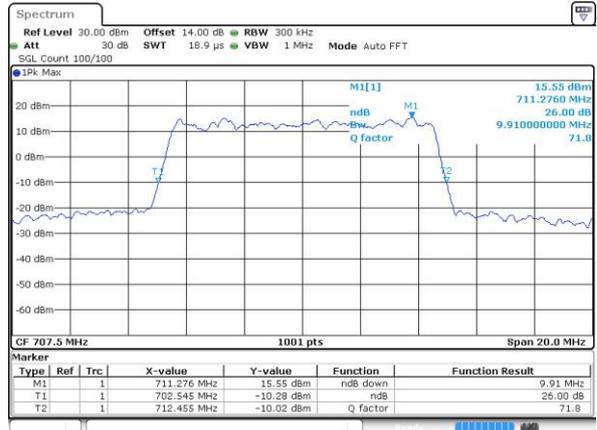
Date: 3 APR 2017 16:21:55

Middle Channel / 10MHz / QPSK



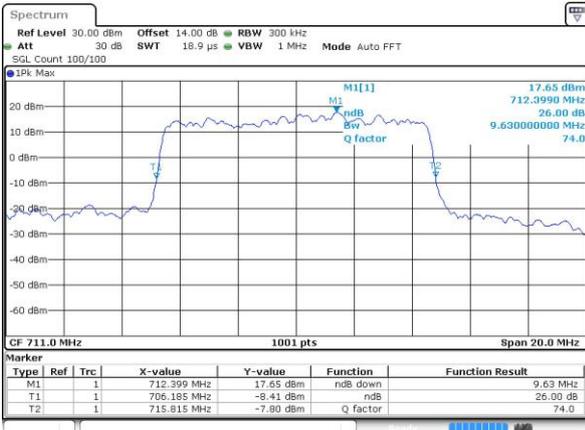
Date: 3 APR 2017 16:28:48

Middle Channel / 10MHz / 16QAM



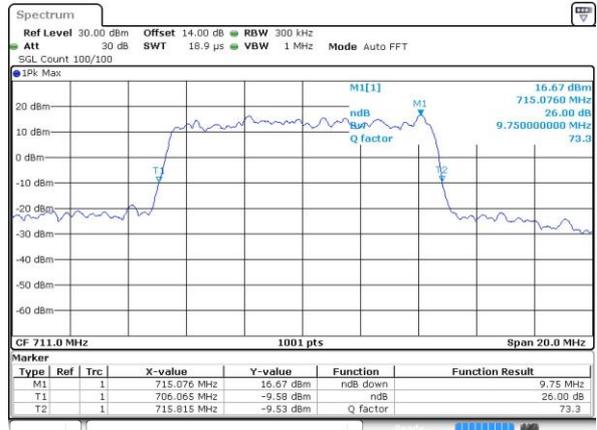
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Highest Channel / 10MHz / QPSK



Date: 3 APR 2017 16:31:16

Highest Channel / 10MHz / 16QAM

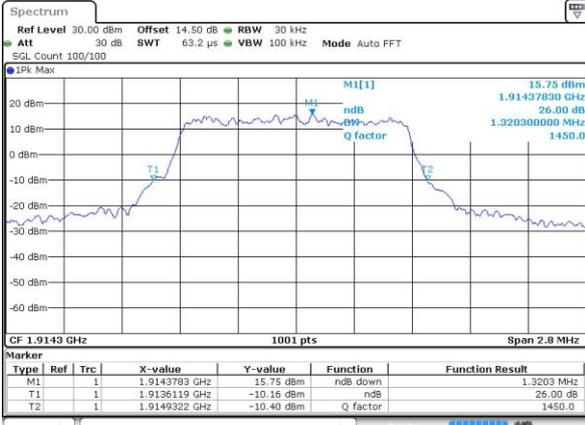


Date: 3 APR 2017 16:31:26



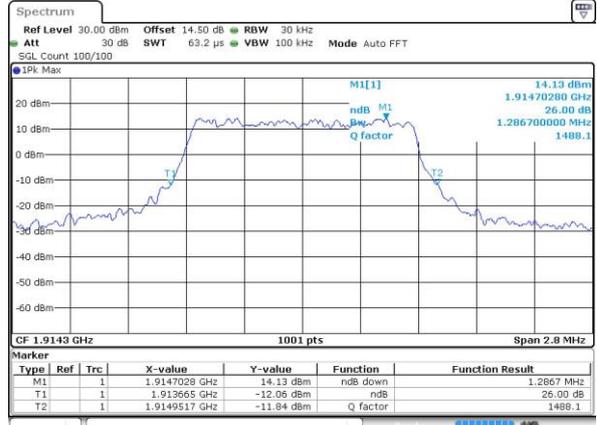
LTE Band 25

Highest Channel / 1.4MHz / QPSK



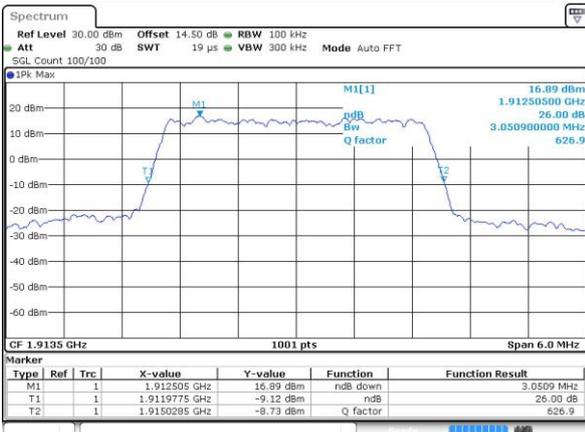
Date: 3 APR 2017 16:55:05

Highest Channel / 1.4MHz / 16QAM



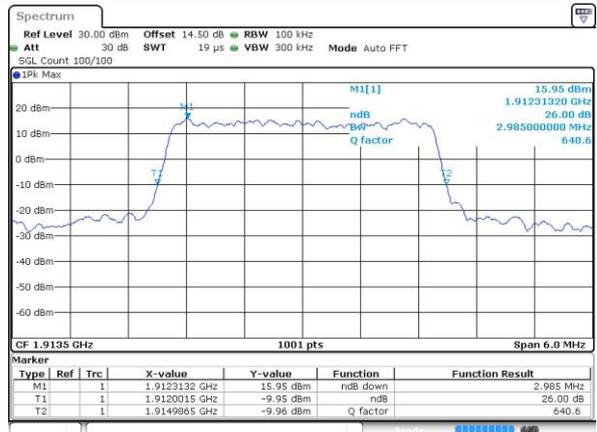
Date: 3 APR 2017 16:55:16

Highest Channel / 3MHz / QPSK



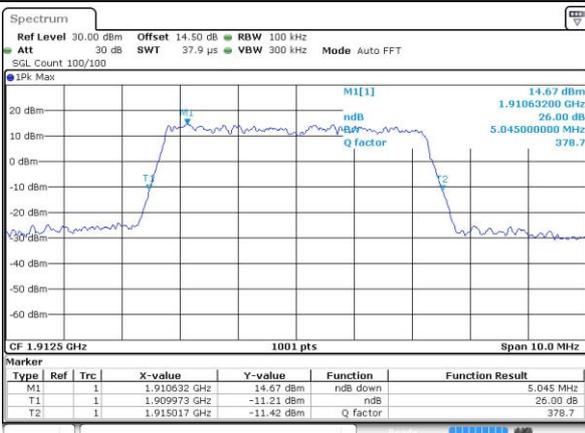
Date: 3 APR 2017 17:07:08

Highest Channel / 3MHz / 16QAM



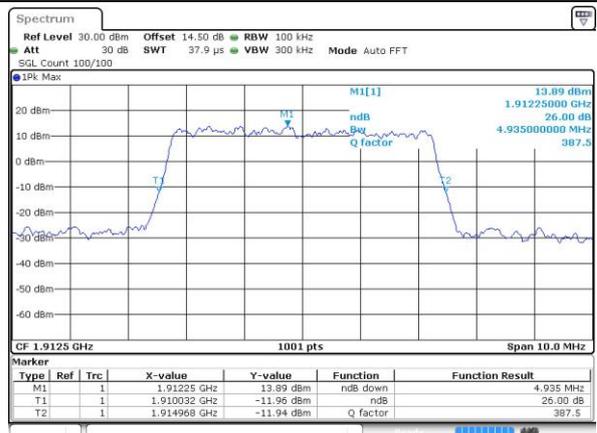
Date: 3 APR 2017 17:07:18

Highest Channel / 5MHz / QPSK



Date: 3 APR 2017 17:19:10

Highest Channel / 5MHz / 16QAM

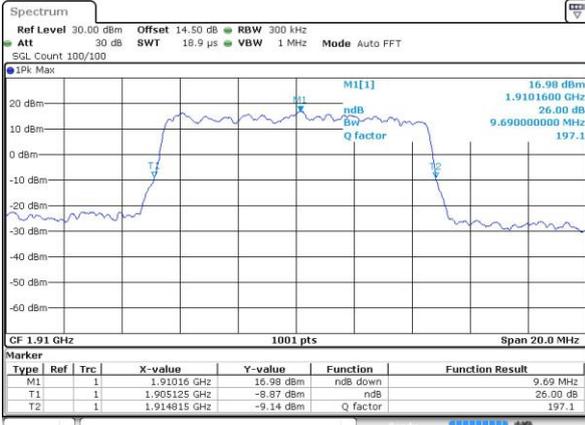


Date: 3 APR 2017 17:19:20



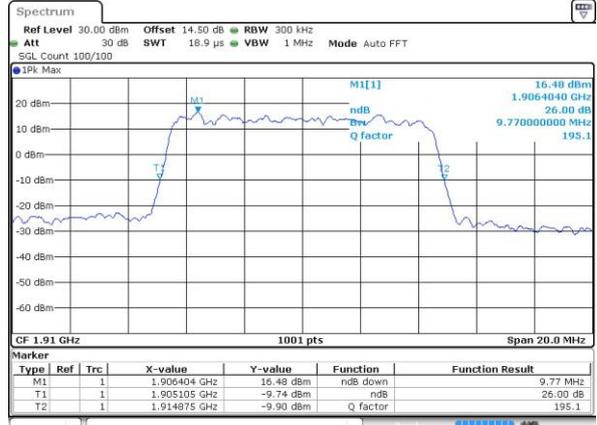
LTE Band 25

Highest Channel / 10MHz / QPSK



Date: 3 APR 2017 17:31:12

Highest Channel / 10MHz / 16QAM



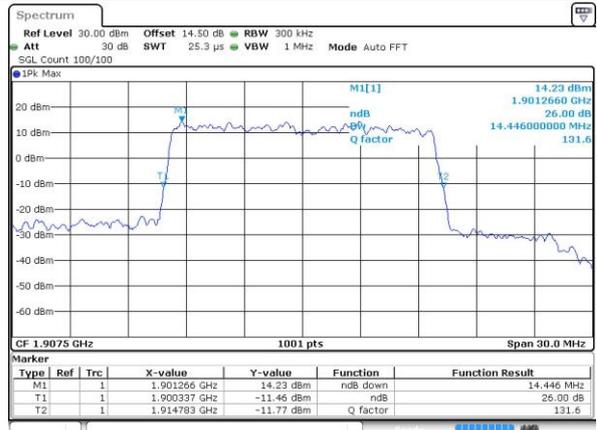
Date: 3 APR 2017 17:31:23

Highest Channel / 15MHz / QPSK



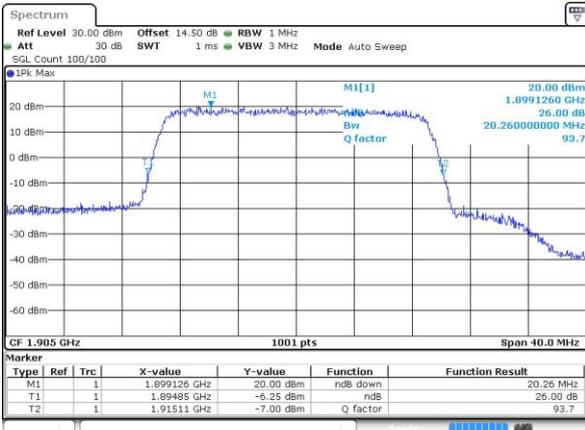
Date: 3 APR 2017 17:43:14

Highest Channel / 15MHz / 16QAM



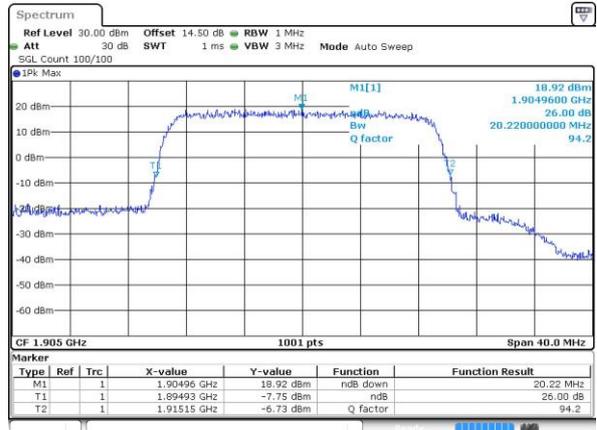
Date: 3 APR 2017 17:43:25

Highest Channel / 20MHz / QPSK



Date: 3 APR 2017 17:55:17

Highest Channel / 20MHz / 16QAM



Date: 3 APR 2017 17:55:28



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	4.50	4.52	9.07	8.95	13.40	13.37	18.34	18.30
Middle CH	1.10	1.09	2.70	2.72	4.50	4.50	9.15	9.01	13.43	13.46	18.34	18.34
Highest CH	1.08	1.10	2.74	2.73	4.49	4.51	9.03	9.01	13.52	13.49	18.34	18.34

Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.73	2.72	4.51	4.49	9.03	9.05	13.52	13.49	18.38	18.38
Middle CH	1.09	1.09	2.73	2.70	4.51	4.49	9.05	9.05	13.43	13.43	18.30	18.30
Highest CH	1.10	1.09	2.72	2.69	4.49	4.52	9.05	8.97	13.46	13.46	18.42	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	1.09	2.72	2.73	4.48	4.49	8.95	9.03	-	-	-	-
Middle CH	1.10	1.09	2.72	2.73	4.49	4.52	9.01	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.50	4.49	9.05	9.01	-	-	-	-

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	-	-	-	-	4.51	4.49	9.07	8.99	13.46	13.46	18.38	18.38
Middle CH	-	-	-	-	4.51	4.49	9.05	9.01	13.43	13.43	18.30	18.38
Highest CH	-	-	-	-	4.51	4.49	9.01	9.05	13.46	13.46	18.38	18.34



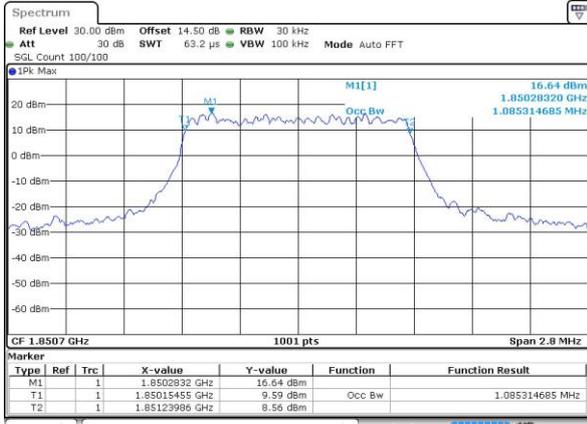
Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.												
Lowest CH	1.09	1.10	2.72	2.73	4.52	4.50	9.05	8.97	-	-	-	-
Middle CH	1.09	1.08	2.71	2.73	4.50	4.52	9.07	8.99	-	-	-	-
Highest CH	1.09	1.09	2.72	2.74	4.50	4.48	8.99	9.05	-	-	-	-

Mode	LTE Band 25 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.												
Lowest CH	-	-	-	-	-	-	-	-	-	-	-	-
Middle CH	-	-	-	-	-	-	-	-	-	-	-	-
Highest CH	1.10	1.10	2.70	2.73	4.50	4.48	8.99	8.97	13.40	13.40	18.30	18.30

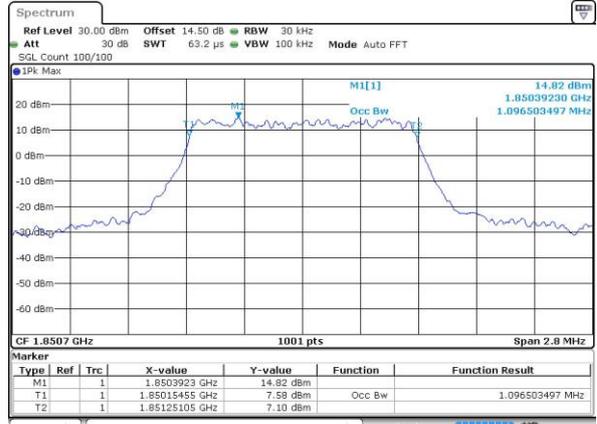


LTE Band 2

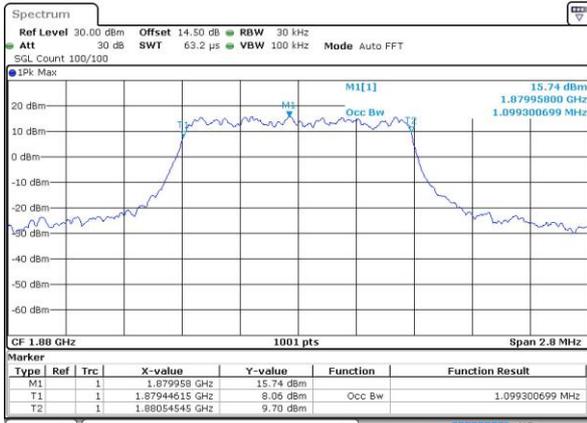
Lowest Channel / 1.4MHz / QPSK



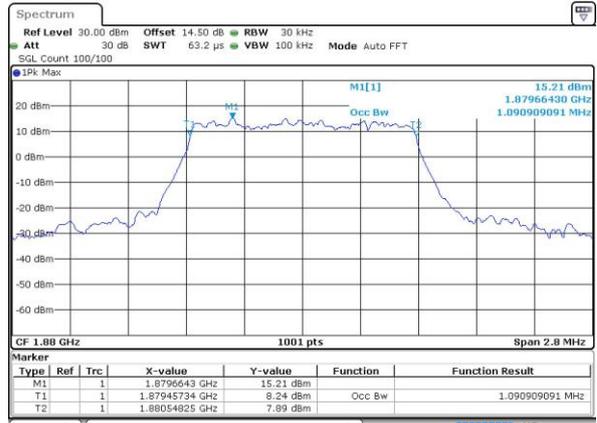
Lowest Channel / 1.4MHz / 16QAM



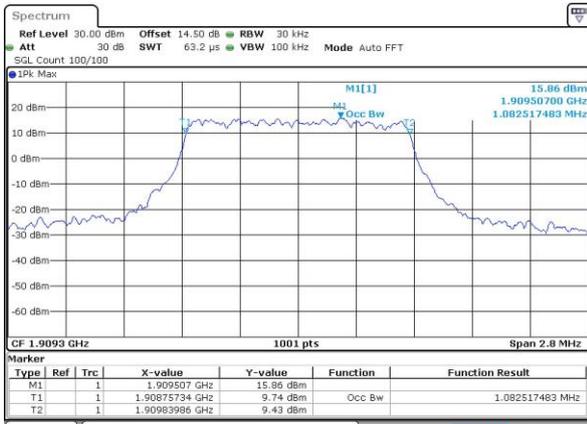
Middle Channel / 1.4MHz / QPSK



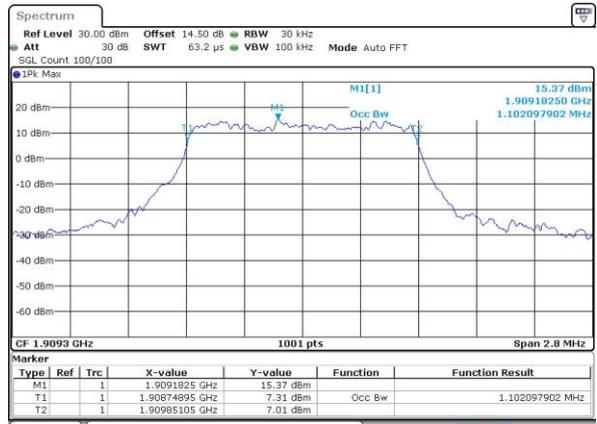
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



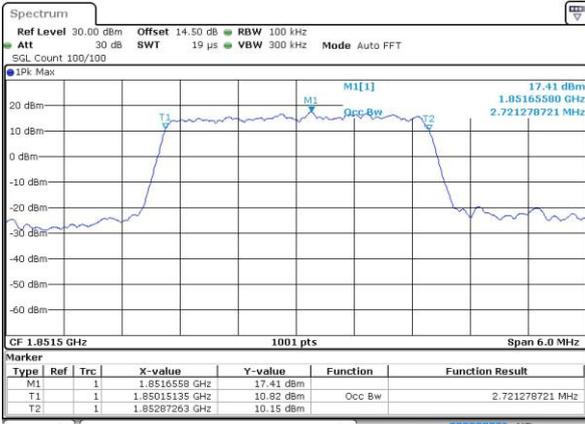
Highest Channel / 1.4MHz / 16QAM





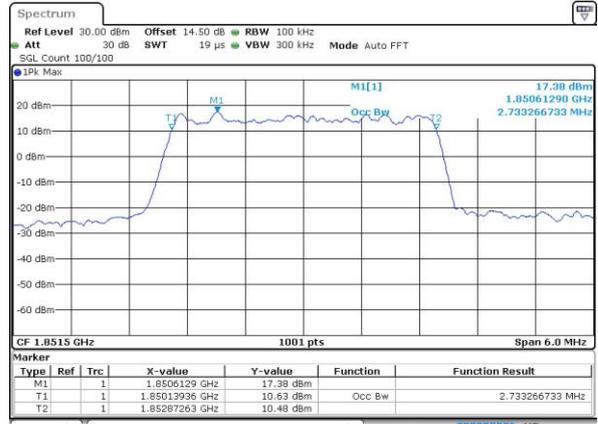
LTE Band 2

Lowest Channel / 3MHz / QPSK



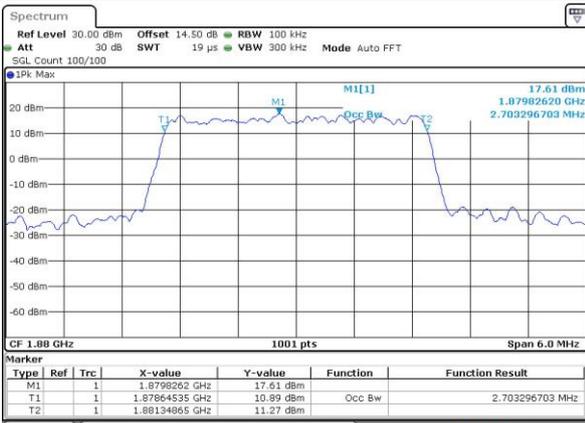
Date: 3 APR 2017 10:41:27

Lowest Channel / 3MHz / 16QAM



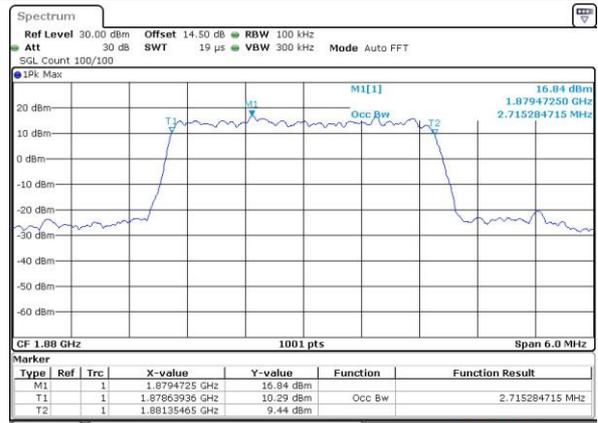
Date: 3 APR 2017 10:41:37

Middle Channel / 3MHz / QPSK



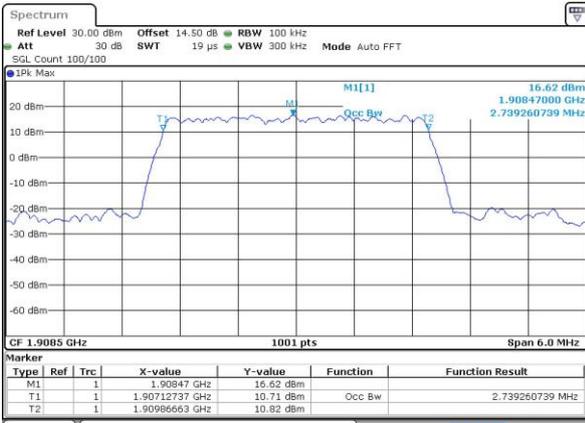
Date: 3 APR 2017 10:48:30

Middle Channel / 3MHz / 16QAM



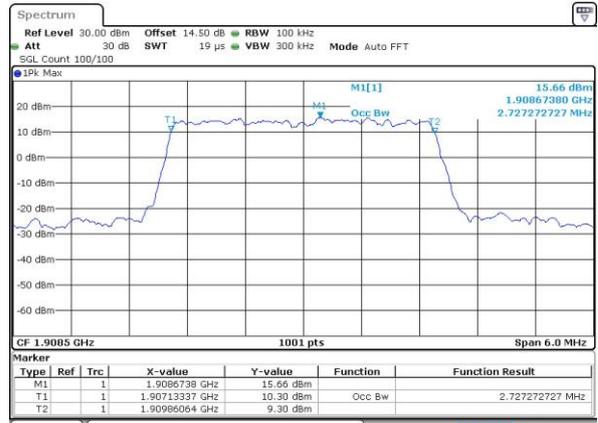
Date: 3 APR 2017 10:48:41

Highest Channel / 3MHz / QPSK



Date: 3 APR 2017 10:50:59

Highest Channel / 3MHz / 16QAM

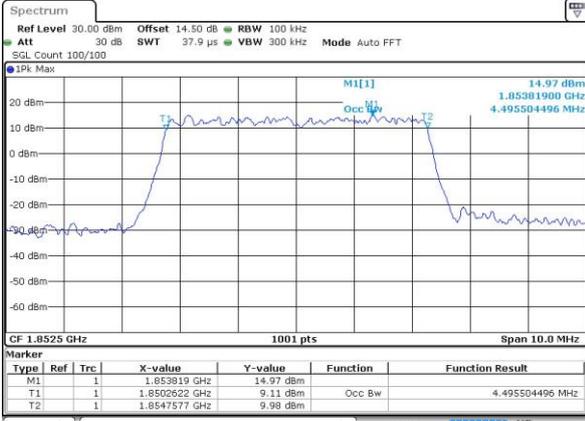


Date: 3 APR 2017 10:51:10



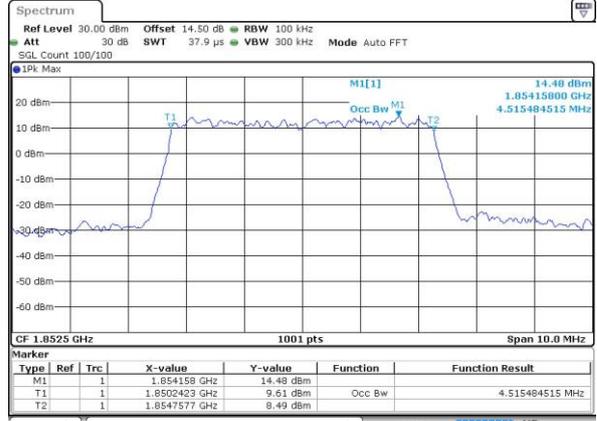
LTE Band 2

Lowest Channel / 5MHz / QPSK



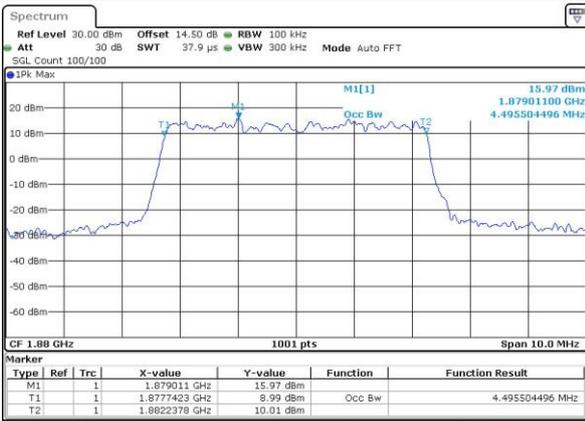
Date: 3 APR 2017 11:30:41

Lowest Channel / 5MHz / 16QAM



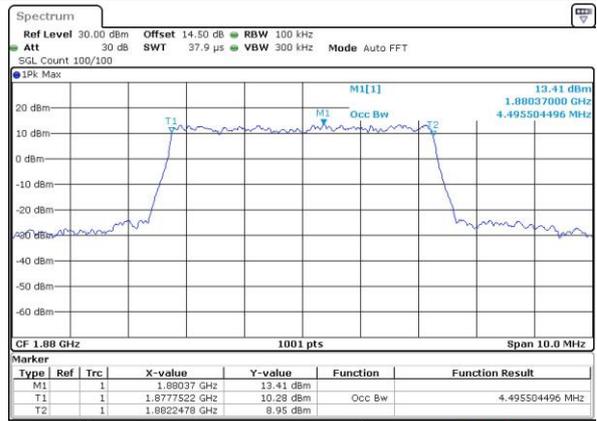
Date: 3 APR 2017 11:30:51

Middle Channel / 5MHz / QPSK



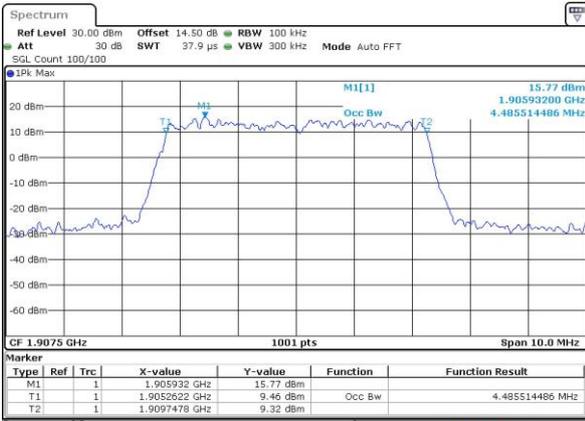
Date: 3 APR 2017 11:37:45

Middle Channel / 5MHz / 16QAM



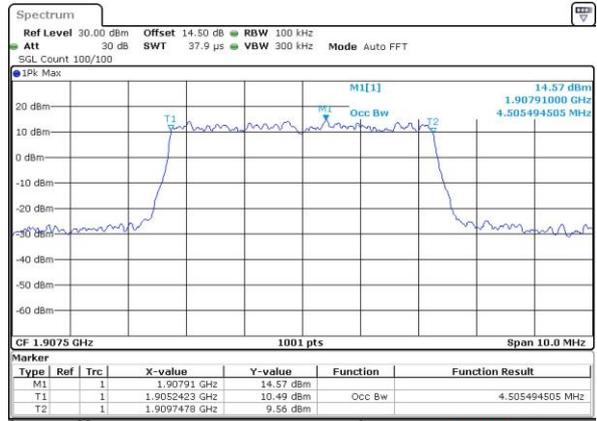
Date: 3 APR 2017 11:37:55

Highest Channel / 5MHz / QPSK



Date: 3 APR 2017 11:40:14

Highest Channel / 5MHz / 16QAM

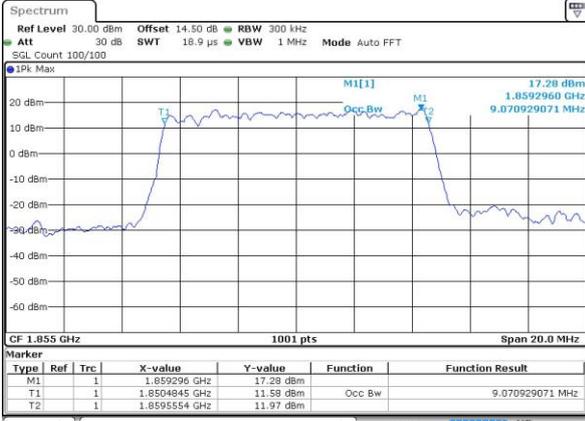


Date: 3 APR 2017 11:40:24



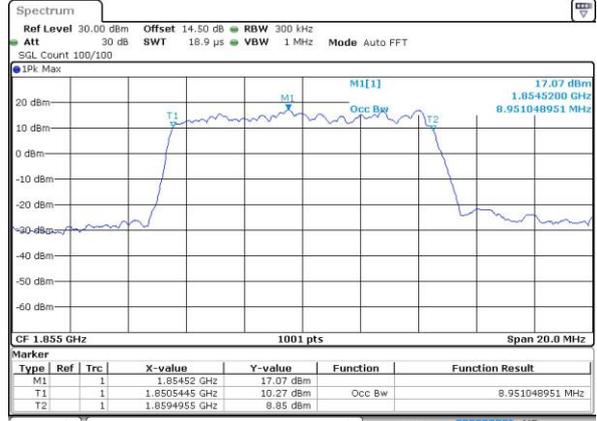
LTE Band 2

Lowest Channel / 10MHz / QPSK



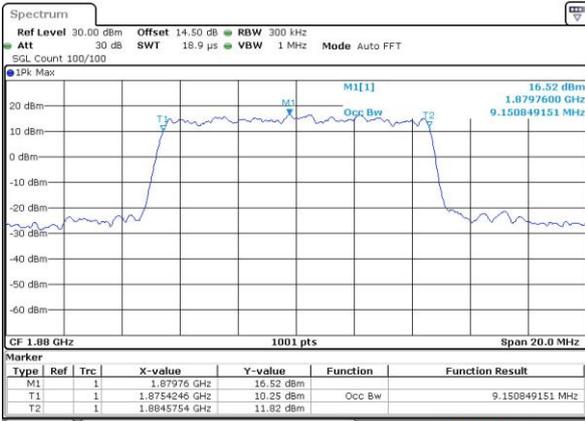
Date: 3 APR 2017 11:53:11

Lowest Channel / 10MHz / 16QAM



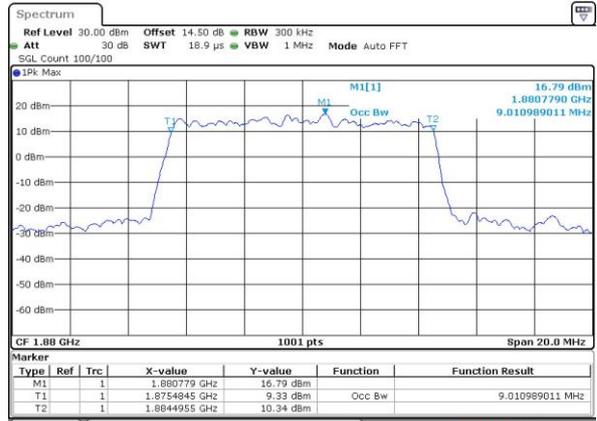
Date: 3 APR 2017 11:53:21

Middle Channel / 10MHz / QPSK



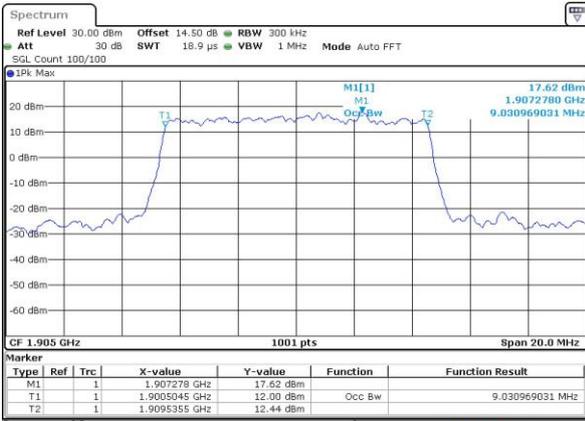
Date: 3 APR 2017 12:00:15

Middle Channel / 10MHz / 16QAM



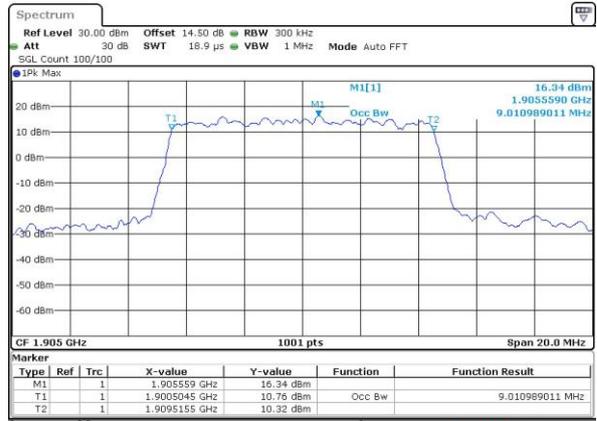
Date: 3 APR 2017 12:00:25

Highest Channel / 10MHz / QPSK



Date: 3 APR 2017 12:02:44

Highest Channel / 10MHz / 16QAM

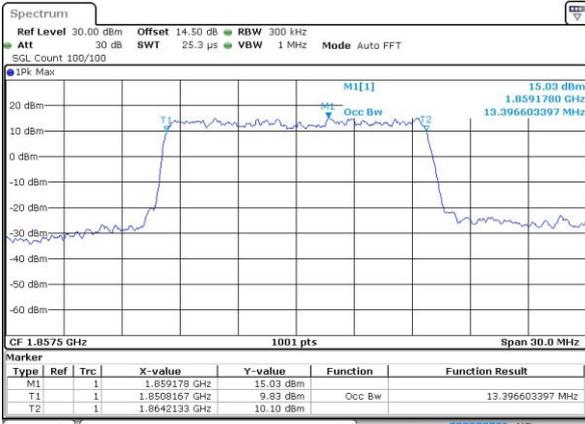


Date: 3 APR 2017 12:02:54



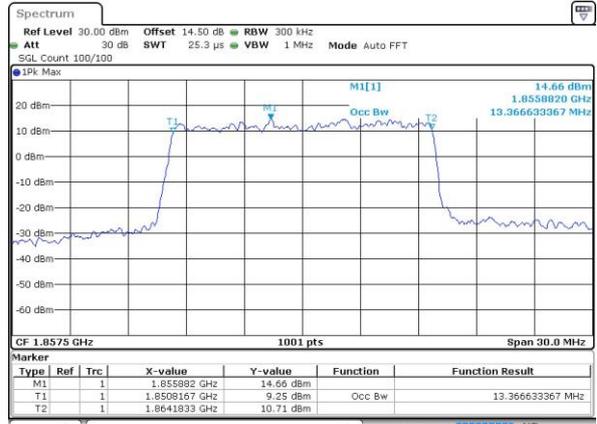
LTE Band 2

Lowest Channel / 15MHz / QPSK



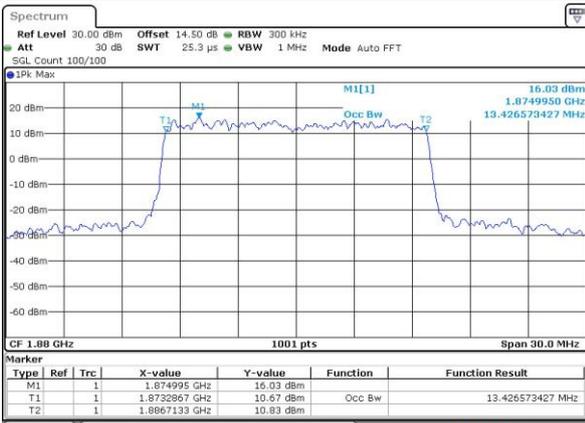
Date: 3 APR 2017 12:11:19

Lowest Channel / 15MHz / 16QAM



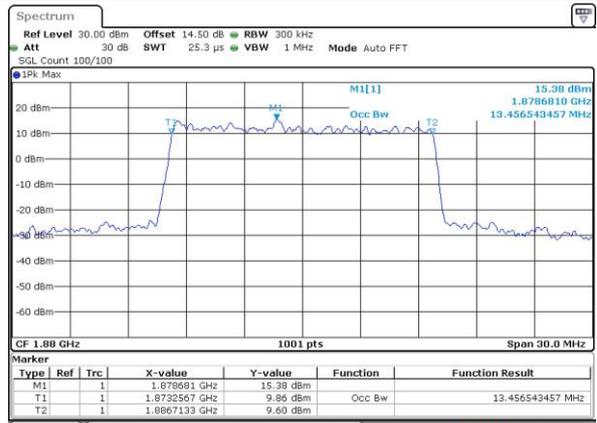
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Middle Channel / 15MHz / QPSK



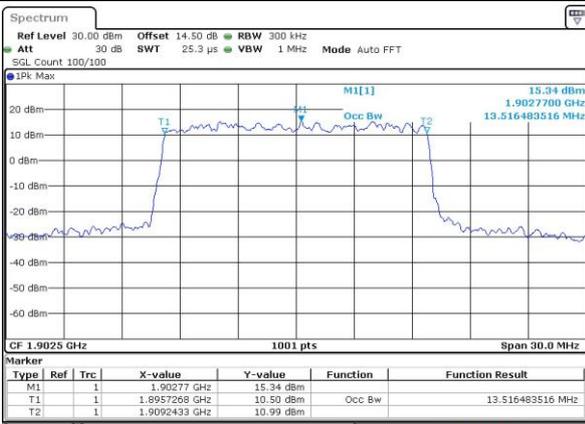
Date: 3 APR 2017 12:18:23

Middle Channel / 15MHz / 16QAM



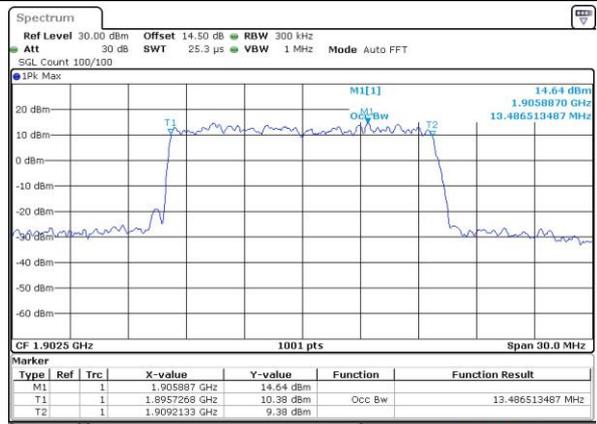
Date: 3 APR 2017 12:18:33

Highest Channel / 15MHz / QPSK



Date: 3 APR 2017 12:20:52

Highest Channel / 15MHz / 16QAM

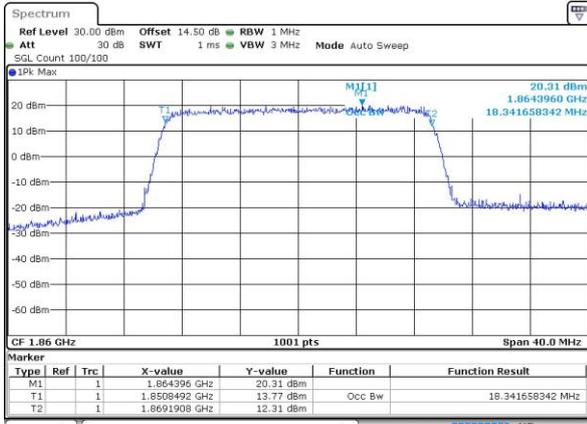


Date: 3 APR 2017 12:21:02



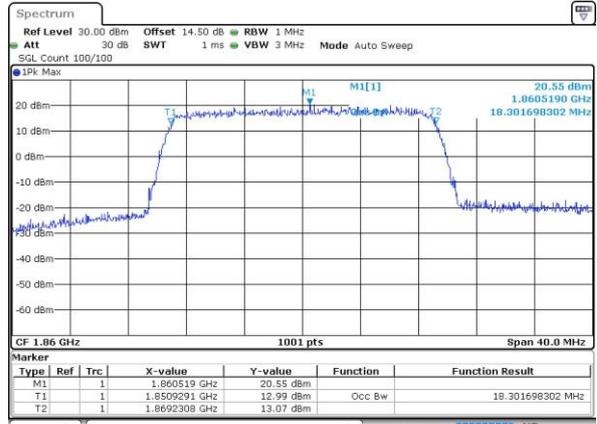
LTE Band 2

Lowest Channel / 20MHz / QPSK



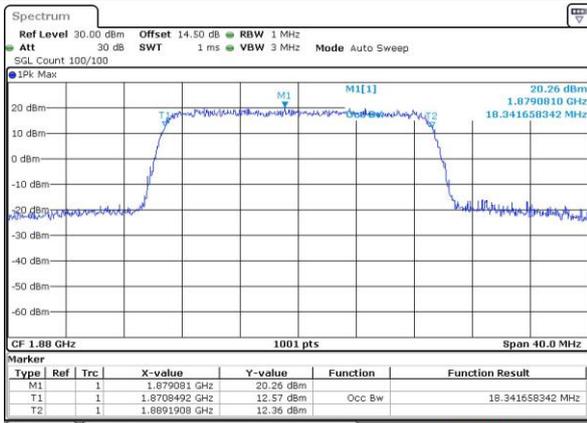
Date: 3 APR 2017 12:34:42

Lowest Channel / 20MHz / 16QAM



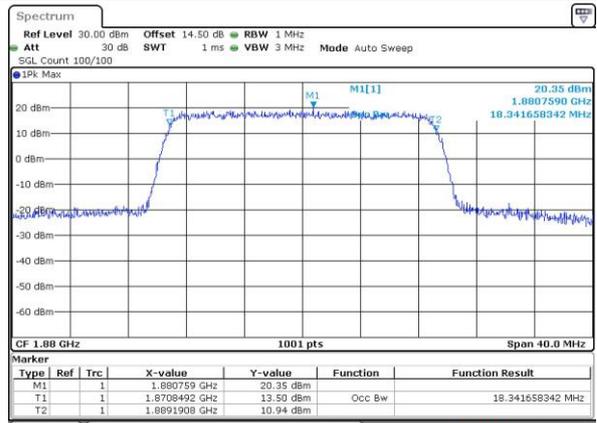
Date: 3 APR 2017 12:34:53

Middle Channel / 20MHz / QPSK



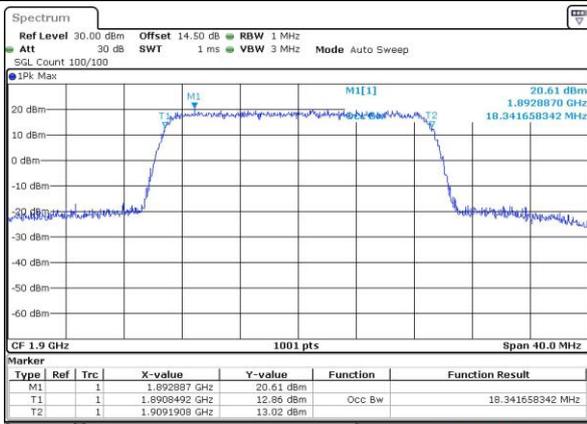
Date: 3 APR 2017 12:41:46

Middle Channel / 20MHz / 16QAM



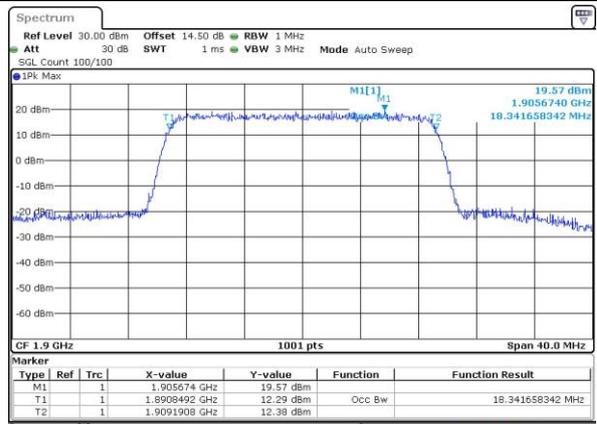
Date: 3 APR 2017 12:41:57

Highest Channel / 20MHz / QPSK



Date: 3 APR 2017 12:44:16

Highest Channel / 20MHz / 16QAM

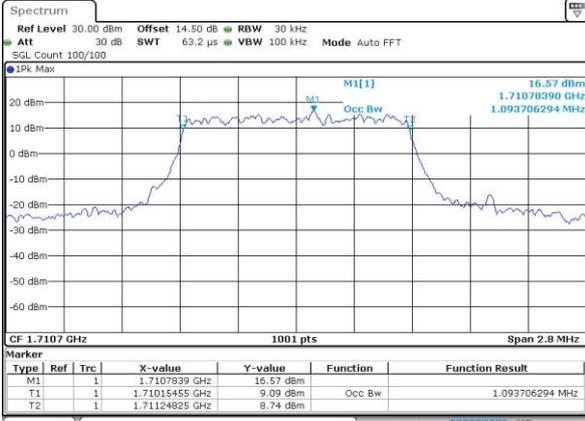


Date: 3 APR 2017 12:44:26



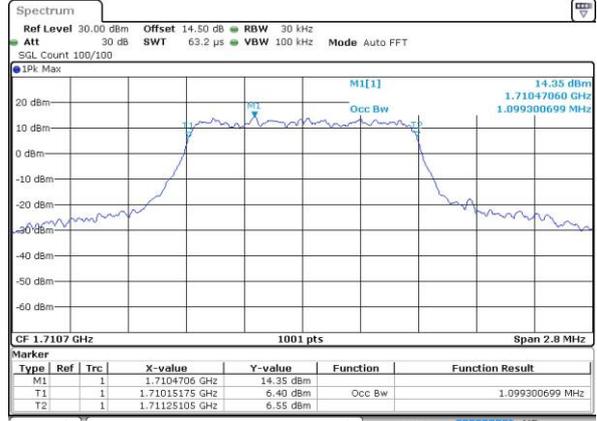
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



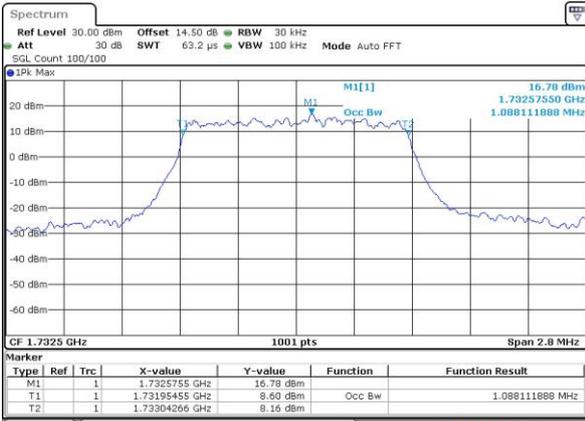
Date: 3 APR 2017 12:57:54

Lowest Channel / 1.4MHz / 16QAM



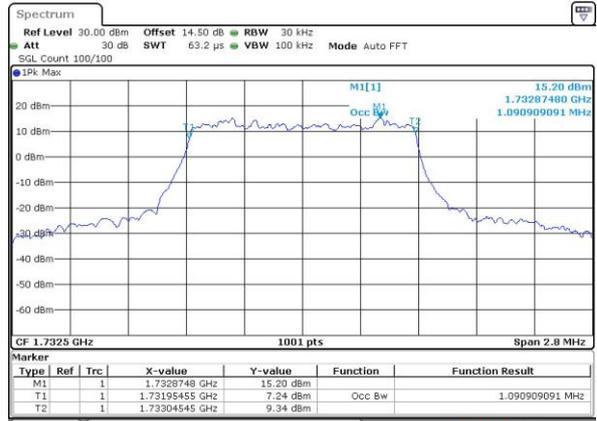
Date: 3 APR 2017 12:58:04

Middle Channel / 1.4MHz / QPSK



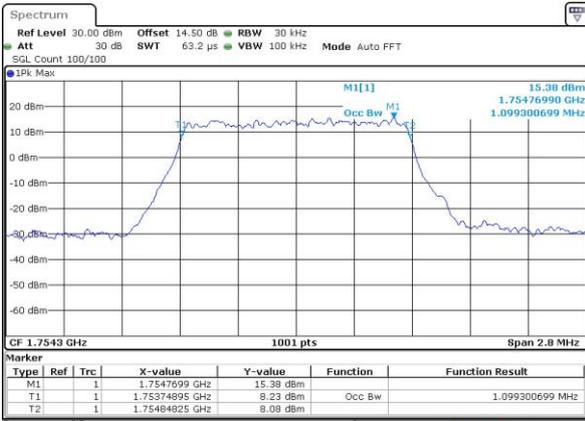
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Middle Channel / 1.4MHz / 16QAM



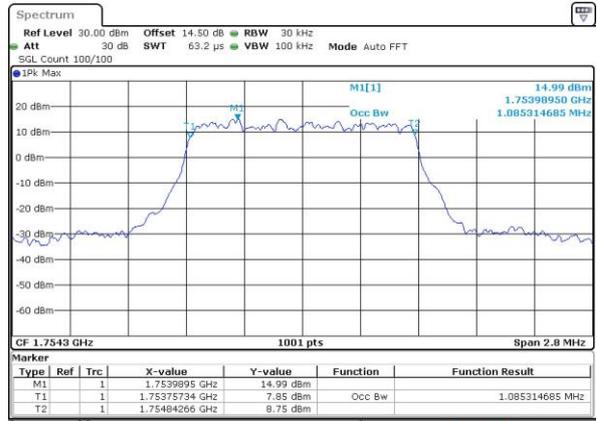
Date: 3 APR 2017 13:05:08

Highest Channel / 1.4MHz / QPSK



Date: 3 APR 2017 13:07:26

Highest Channel / 1.4MHz / 16QAM

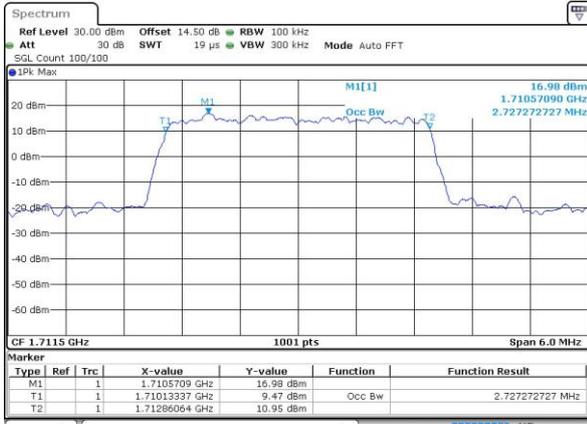


Date: 3 APR 2017 13:07:36



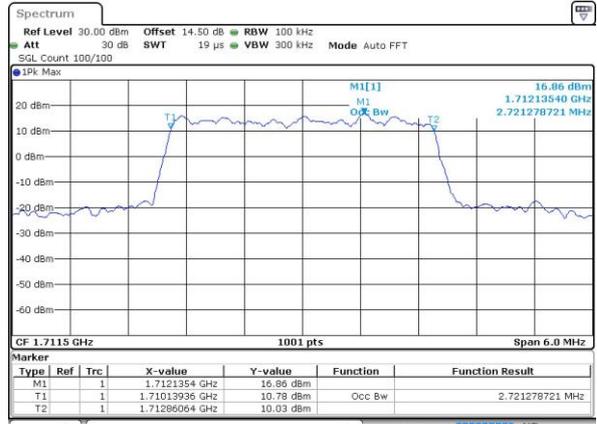
LTE Band 4

Lowest Channel / 3MHz / QPSK



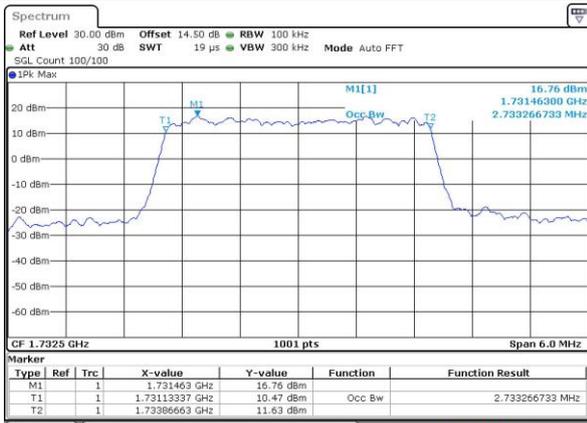
Date: 3 APR 2017 13:14:30

Lowest Channel / 3MHz / 16QAM



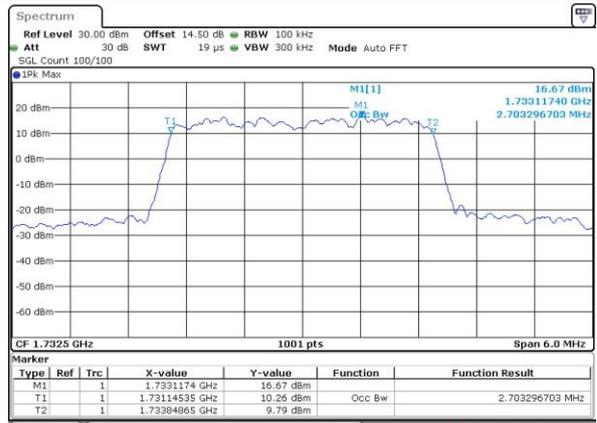
Date: 3 APR 2017 13:14:41

Middle Channel / 3MHz / QPSK



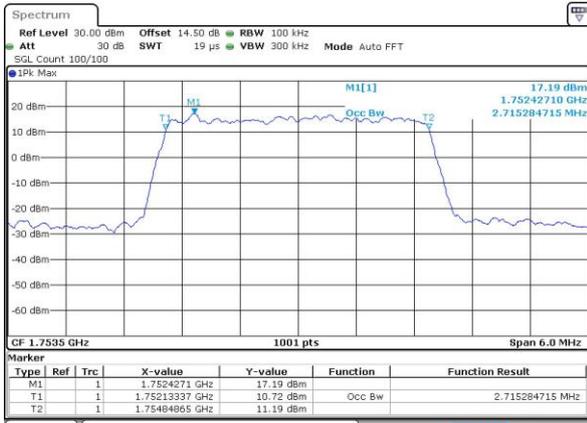
Date: 3 APR 2017 13:21:34

Middle Channel / 3MHz / 16QAM



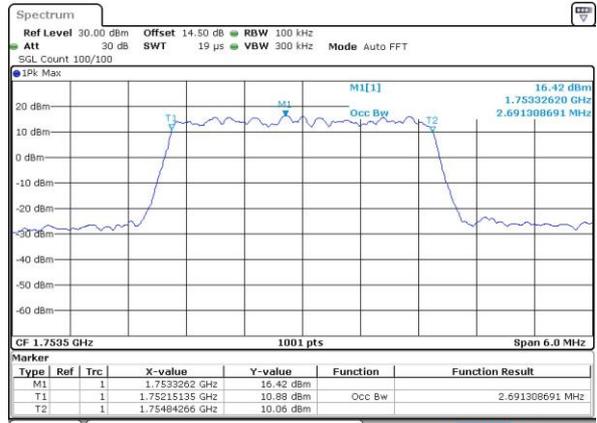
Date: 3 APR 2017 13:21:45

Highest Channel / 3MHz / QPSK



Date: 3 APR 2017 13:24:03

Highest Channel / 3MHz / 16QAM

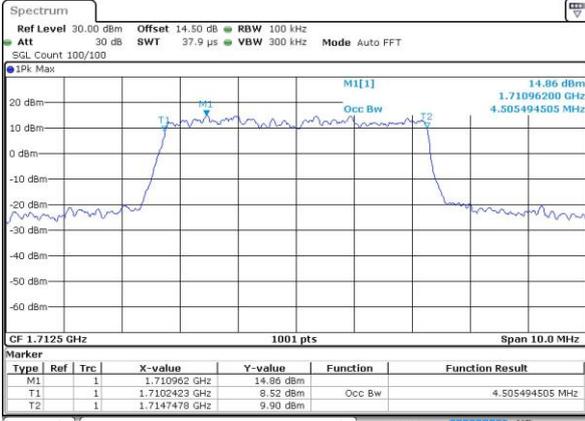


Date: 3 APR 2017 13:24:13



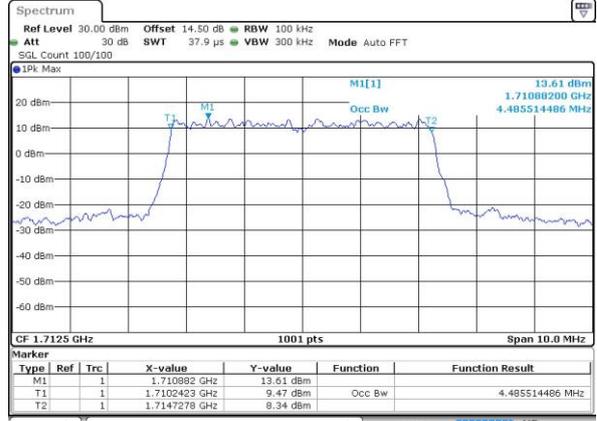
LTE Band 4

Lowest Channel / 5MHz / QPSK



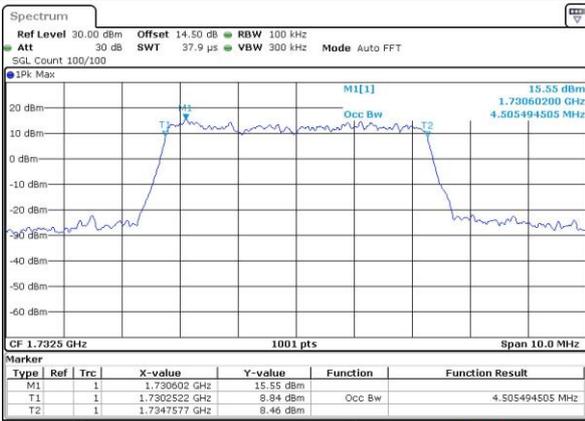
Date: 3 APR 2017 13:31:06

Lowest Channel / 5MHz / 16QAM



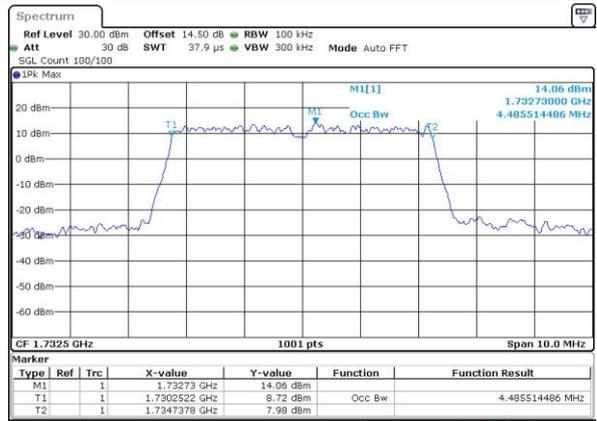
Date: 3 APR 2017 13:31:17

Middle Channel / 5MHz / QPSK



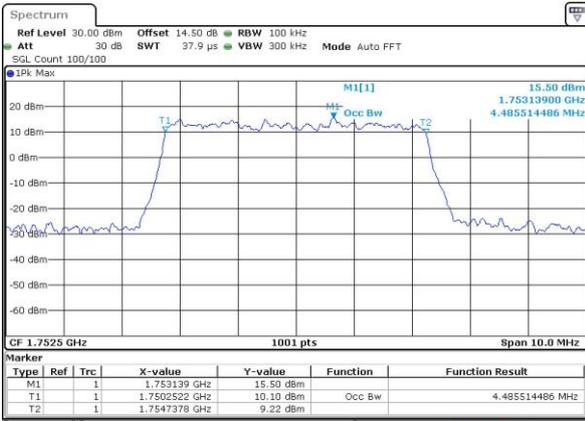
Date: 3 APR 2017 13:38:10

Middle Channel / 5MHz / 16QAM



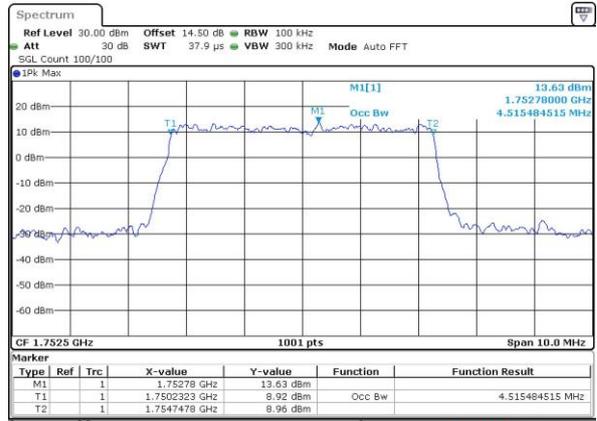
Date: 3 APR 2017 13:38:21

Highest Channel / 5MHz / QPSK



Date: 3 APR 2017 13:40:39

Highest Channel / 5MHz / 16QAM

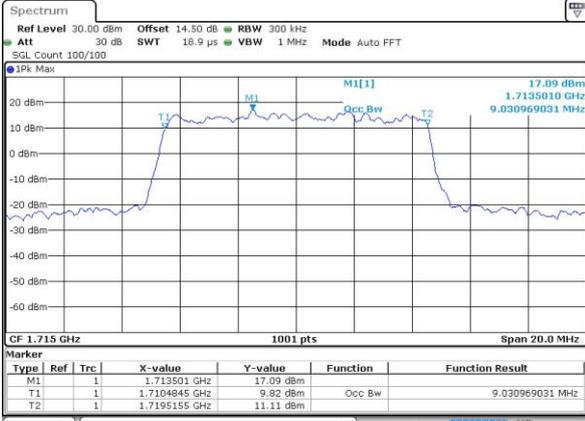


Date: 3 APR 2017 13:40:50



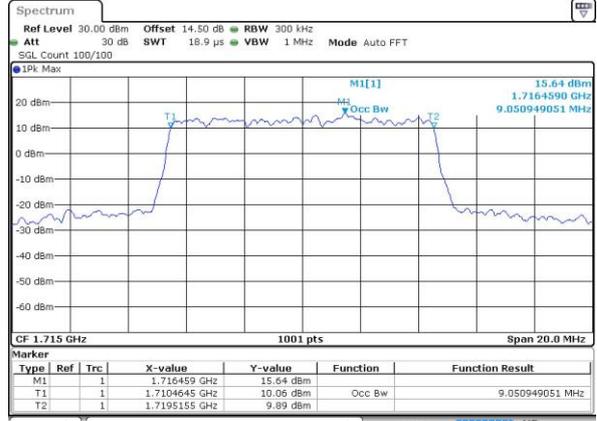
LTE Band 4

Lowest Channel / 10MHz / QPSK



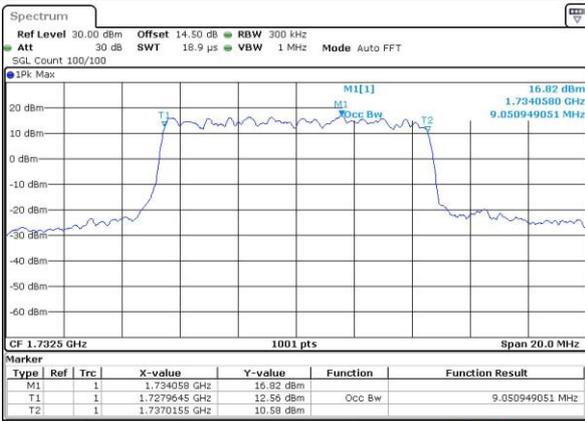
Date: 3 APR 2017 13:54:29

Lowest Channel / 10MHz / 16QAM



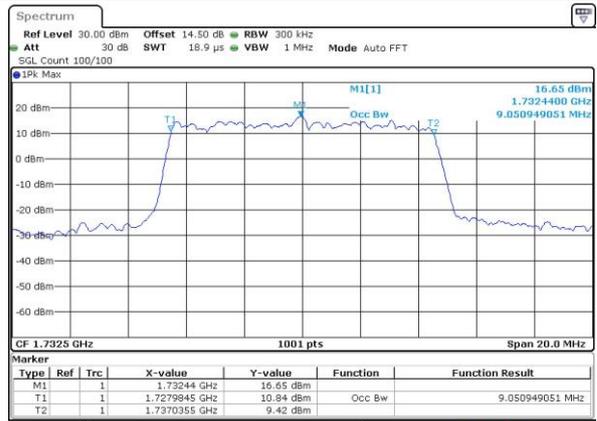
Date: 3 APR 2017 13:54:40

Middle Channel / 10MHz / QPSK



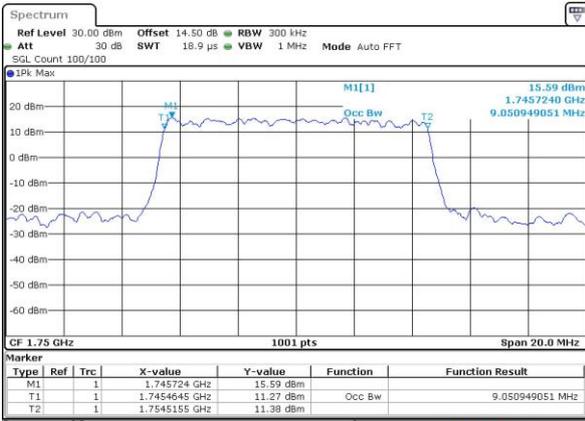
Date: 3 APR 2017 14:01:33

Middle Channel / 10MHz / 16QAM



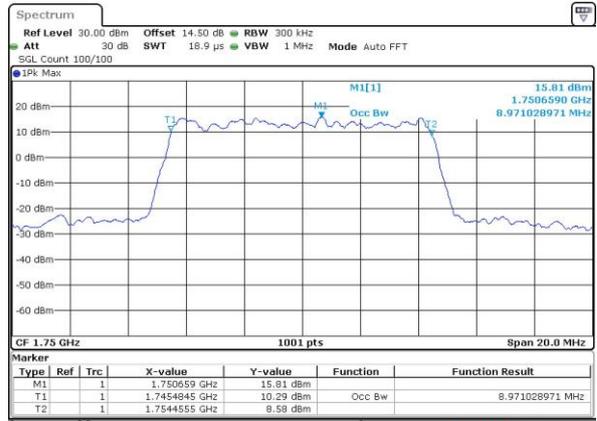
Date: 3 APR 2017 14:01:43

Highest Channel / 10MHz / QPSK



Date: 3 APR 2017 14:04:02

Highest Channel / 10MHz / 16QAM

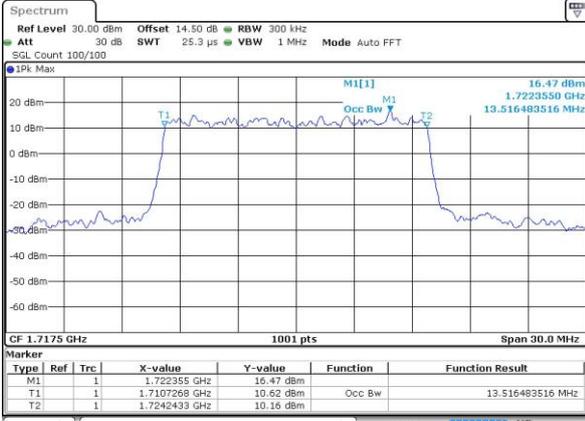


Date: 3 APR 2017 14:04:12



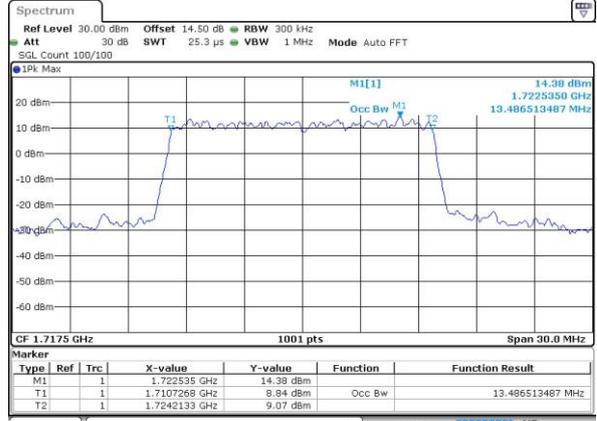
LTE Band 4

Lowest Channel / 15MHz / QPSK



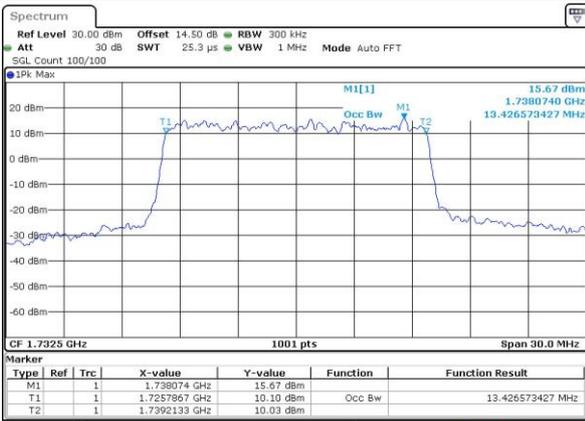
Date: 3 APR 2017 14:16:31

Lowest Channel / 15MHz / 16QAM



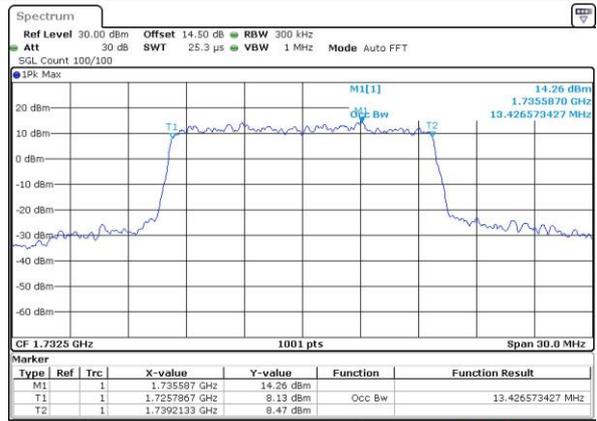
Date: 3 APR 2017 14:16:42

Middle Channel / 15MHz / QPSK



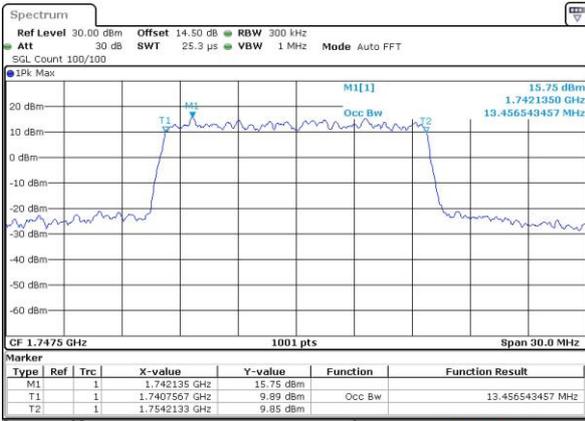
Date: 3 APR 2017 14:23:35

Middle Channel / 15MHz / 16QAM



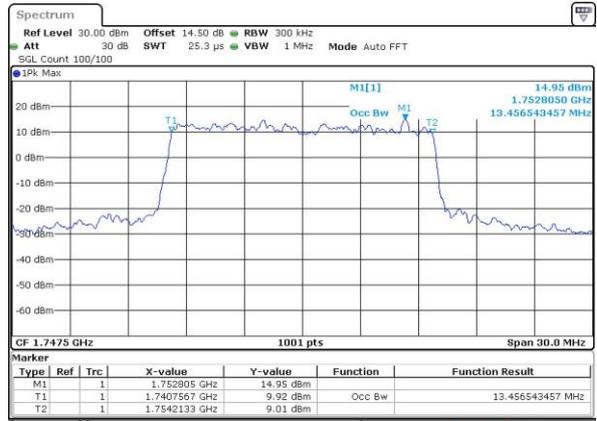
Date: 3 APR 2017 14:23:45

Highest Channel / 15MHz / QPSK



Date: 3 APR 2017 14:26:04

Highest Channel / 15MHz / 16QAM



Date: 3 APR 2017 14:26:14