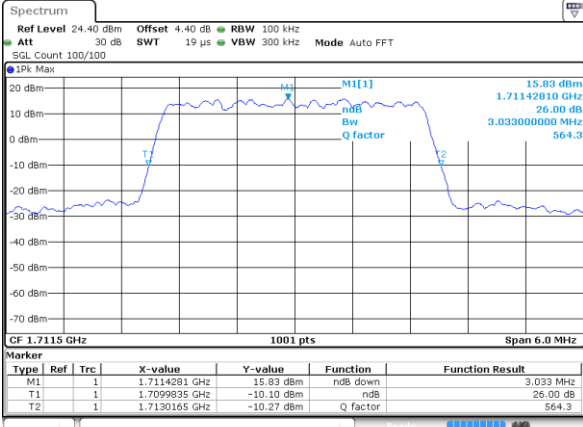




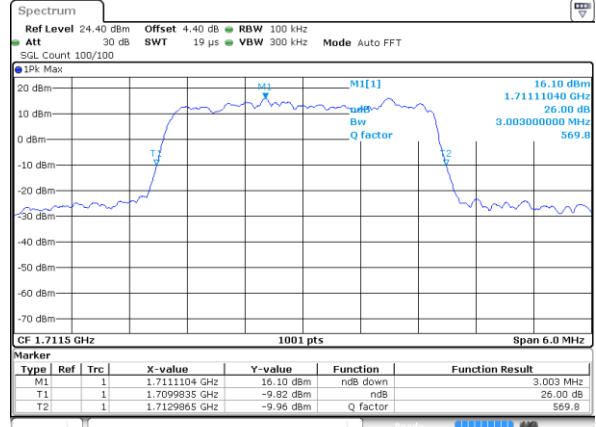
LTE Band 4

Lowest Channel / 3MHz / QPSK



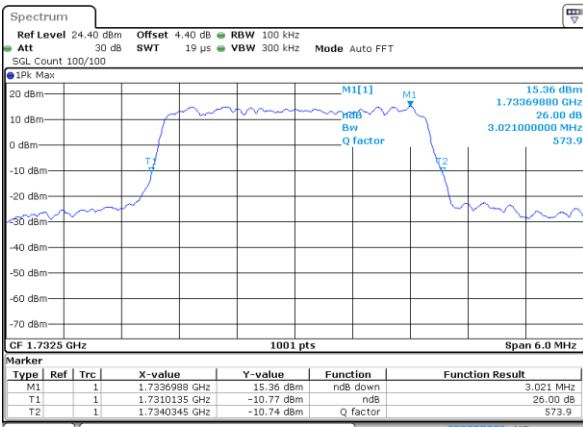
Date: 20.OCT.2017 22:28:11

Lowest Channel / 3MHz / 16QAM



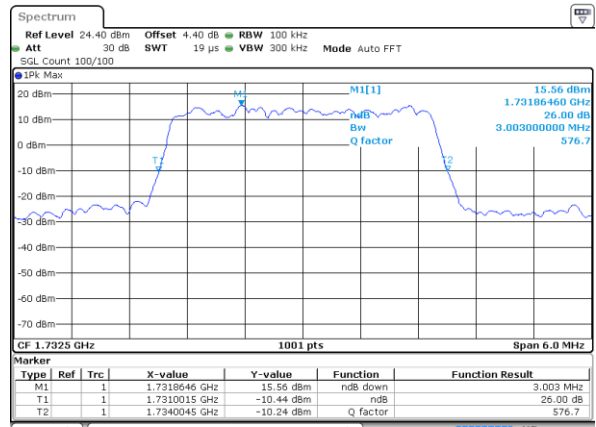
Date: 20.OCT.2017 22:28:21

Middle Channel / 3MHz / QPSK



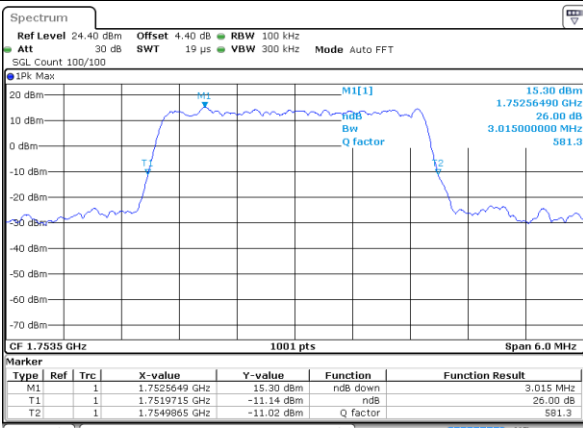
Date: 20.OCT.2017 22:33:11

Middle Channel / 3MHz / 16QAM



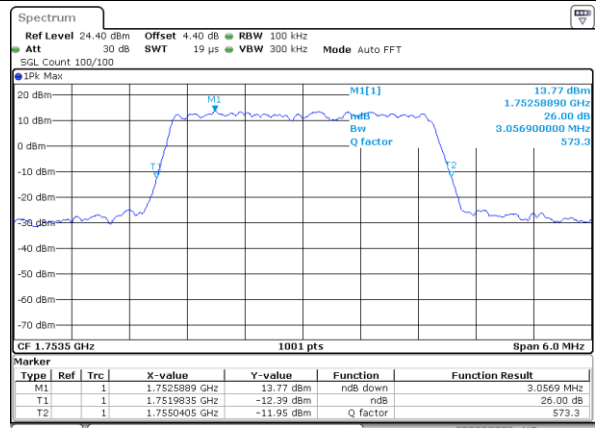
Date: 20.OCT.2017 22:33:21

Highest Channel / 3MHz / QPSK



Date: 20.OCT.2017 22:35:41

Highest Channel / 3MHz / 16QAM

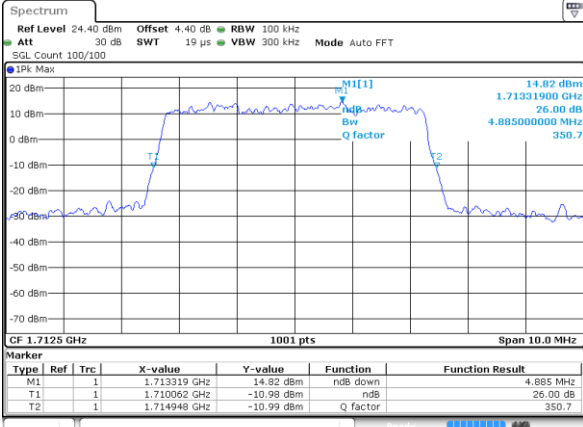


Date: 20.OCT.2017 22:35:51



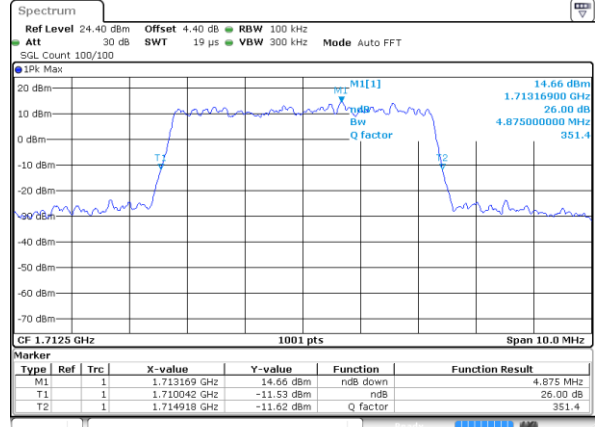
LTE Band 4

Lowest Channel / 5MHz / QPSK



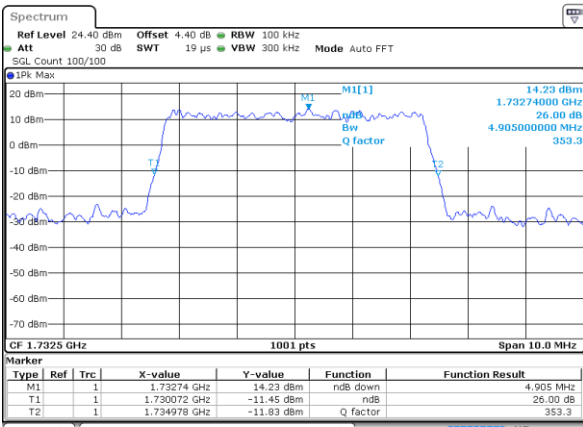
Date: 20.OCT.2017 22:42:42

Lowest Channel / 5MHz / 16QAM



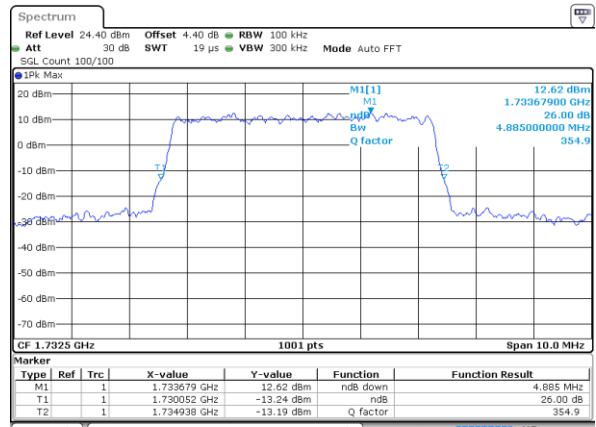
Date: 20.OCT.2017 22:42:52

Middle Channel / 5MHz / QPSK



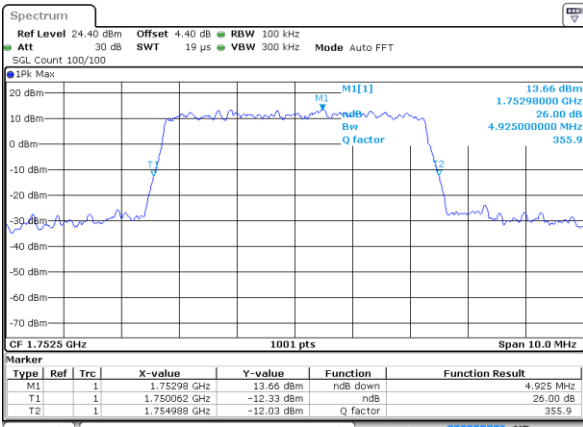
Date: 20.OCT.2017 22:49:42

Middle Channel / 5MHz / 16QAM



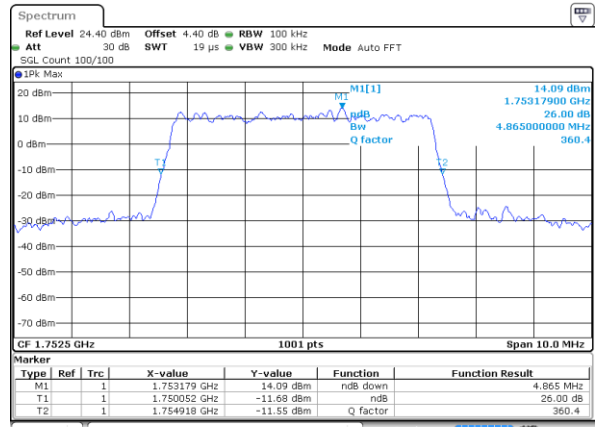
Date: 20.OCT.2017 22:49:52

Highest Channel / 5MHz / QPSK



Date: 20.OCT.2017 22:52:12

Highest Channel / 5MHz / 16QAM

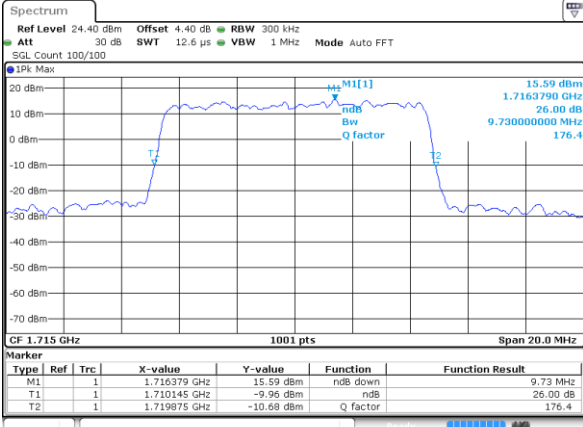


Date: 20.OCT.2017 22:52:22



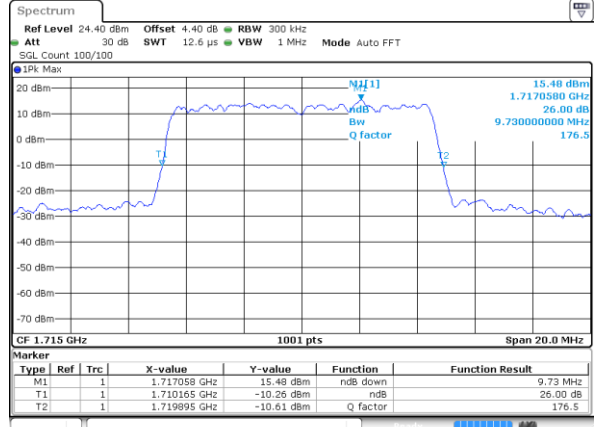
LTE Band 4

Lowest Channel / 10MHz / QPSK



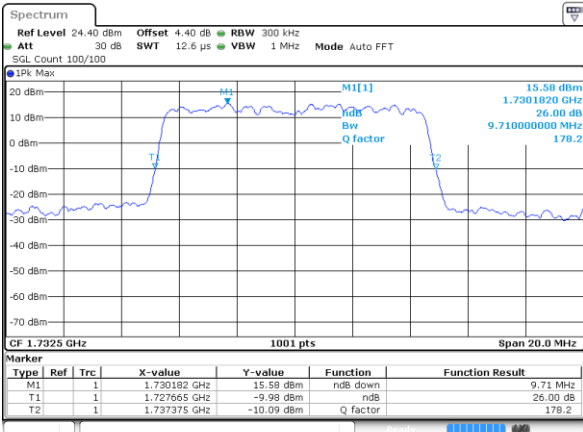
Date: 20 OCT 2017 22:59:13

Lowest Channel / 10MHz / 16QAM



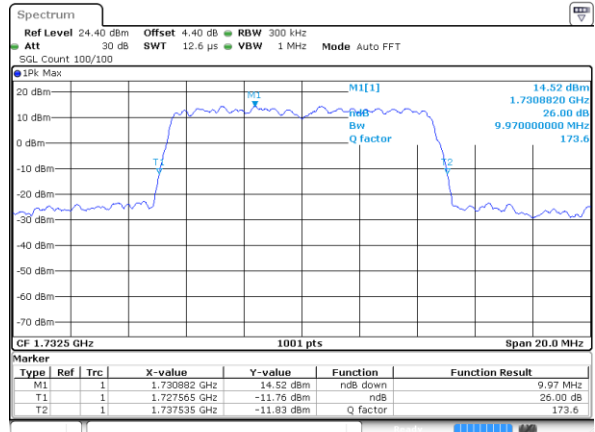
Date: 20 OCT 2017 22:59:23

Middle Channel / 10MHz / QPSK



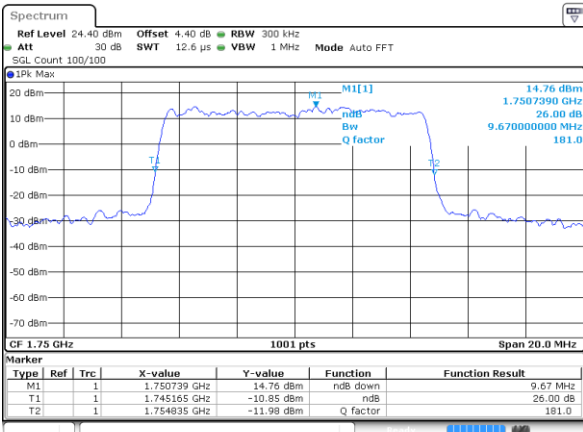
Date: 20 OCT 2017 23:06:13

Middle Channel / 10MHz / 16QAM



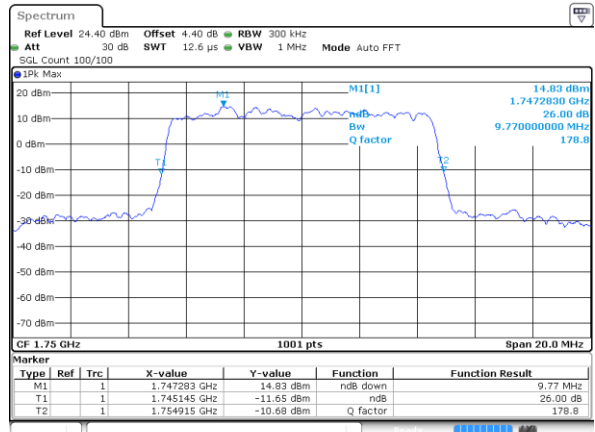
Date: 20 OCT 2017 23:06:23

Highest Channel / 10MHz / QPSK



Date: 20 OCT 2017 23:08:43

Highest Channel / 10MHz / 16QAM

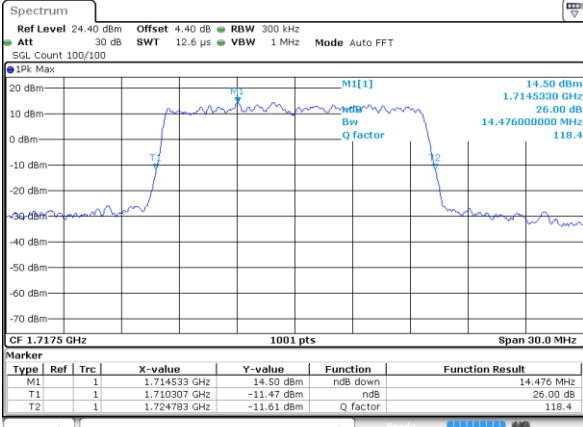


Date: 20 OCT 2017 23:08:53



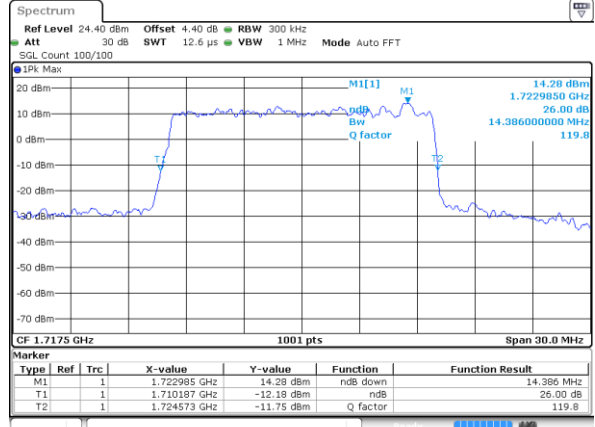
LTE Band 4

Lowest Channel / 15MHz / QPSK



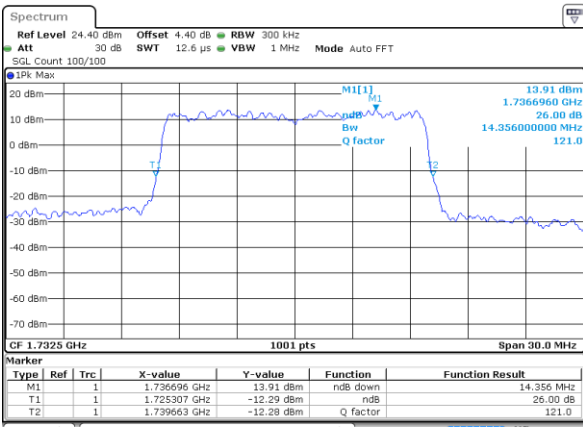
Date: 20.OCT.2017 23:15:43

Lowest Channel / 15MHz / 16QAM



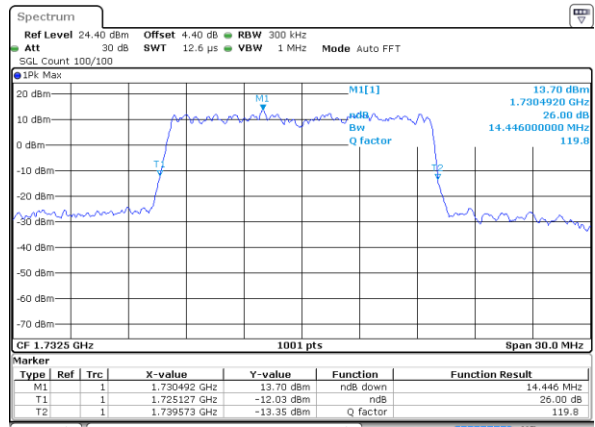
Date: 20.OCT.2017 23:15:53

Middle Channel / 15MHz / QPSK



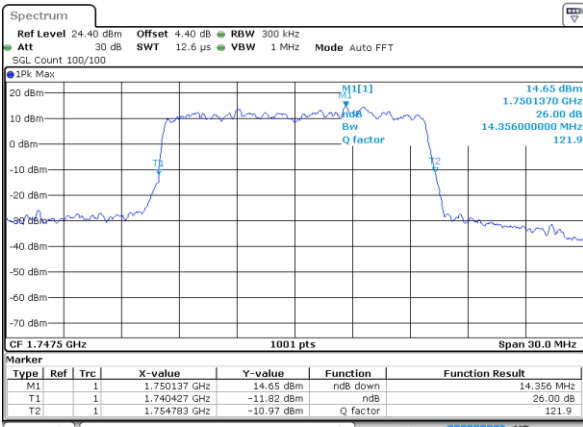
Date: 20.OCT.2017 23:23:10

Middle Channel / 15MHz / 16QAM



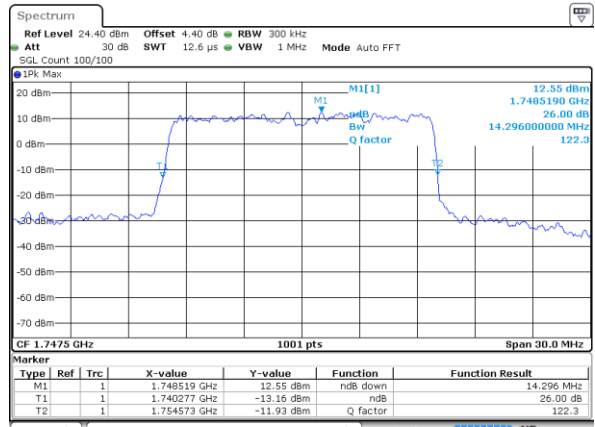
Date: 20.OCT.2017 23:23:20

Highest Channel / 15MHz / QPSK



Date: 20.OCT.2017 23:25:40

Highest Channel / 15MHz / 16QAM

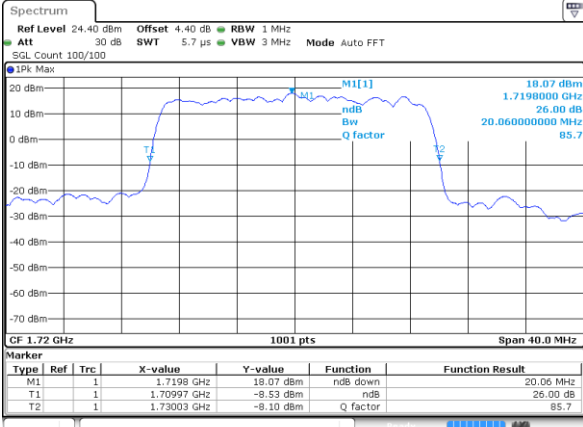


Date: 20.OCT.2017 23:25:50



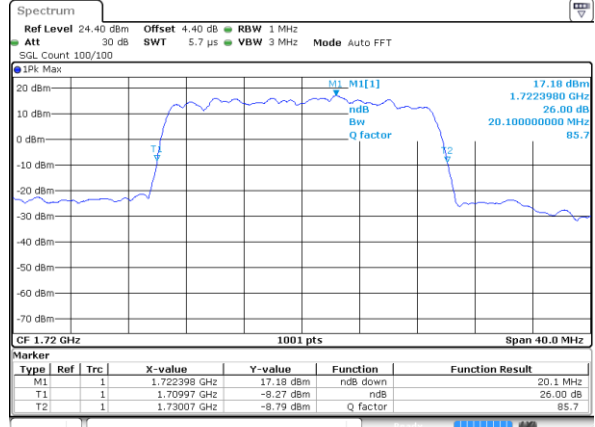
LTE Band 4

Lowest Channel / 20MHz / QPSK



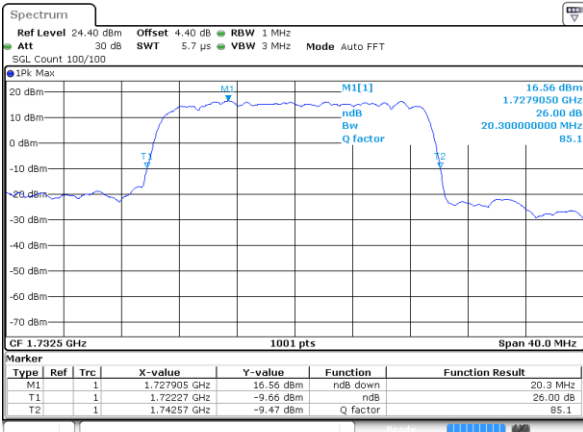
Date: 20.OCT.2017 23:32:41

Lowest Channel / 20MHz / 16QAM



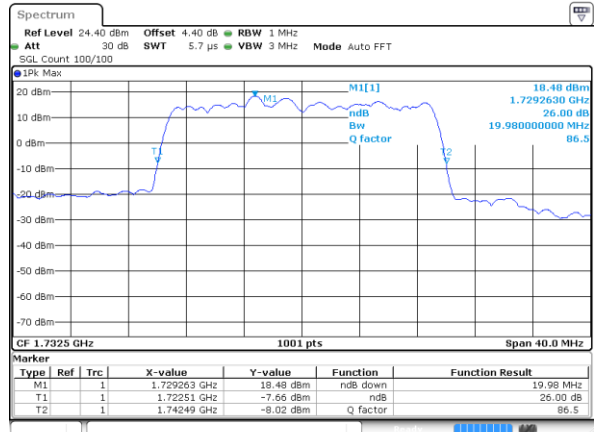
Date: 20.OCT.2017 23:32:51

Middle Channel / 20MHz / QPSK



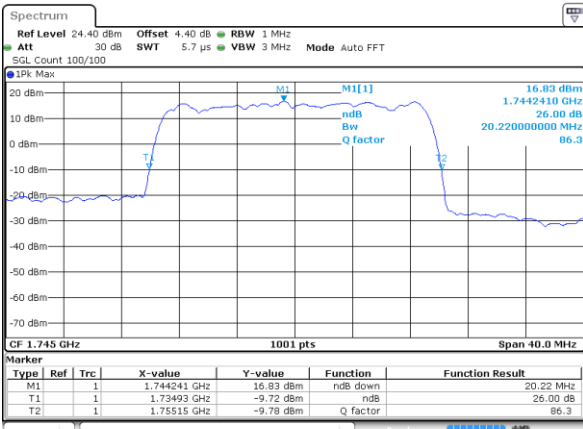
Date: 20.OCT.2017 23:39:41

Middle Channel / 20MHz / 16QAM



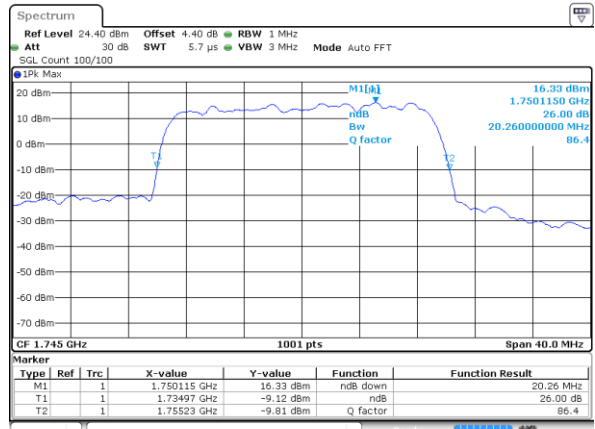
Date: 20.OCT.2017 23:39:51

Highest Channel / 20MHz / QPSK



Date: 20.OCT.2017 23:42:11

Highest Channel / 20MHz / 16QAM

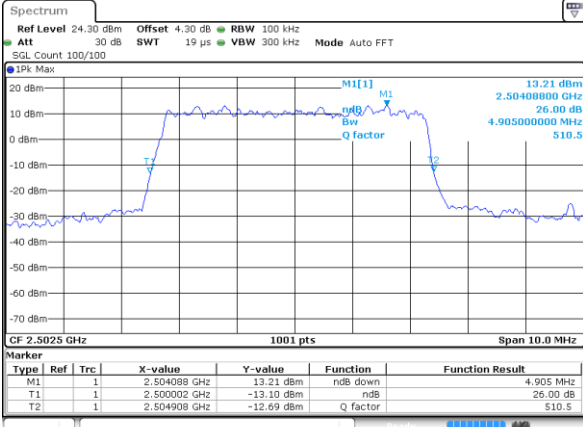


Date: 20.OCT.2017 23:42:21



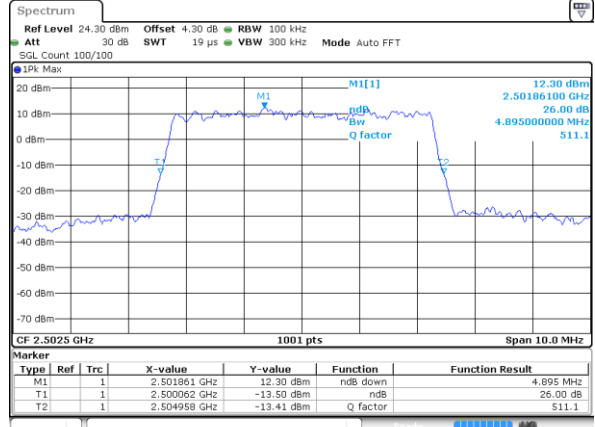
LTE Band 7

Lowest Channel / 5MHz / QPSK



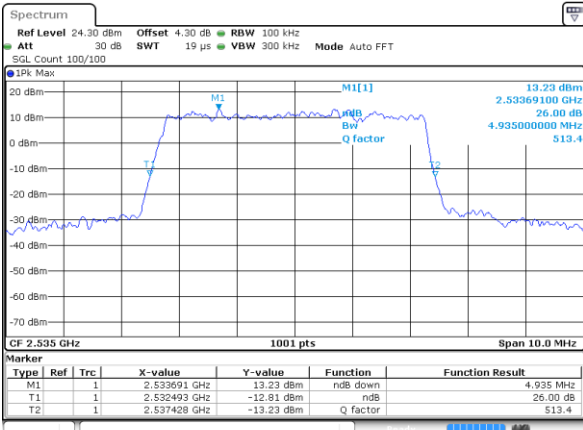
Date: 23.OCT.2017 09:31:37

Lowest Channel / 5MHz / 16QAM



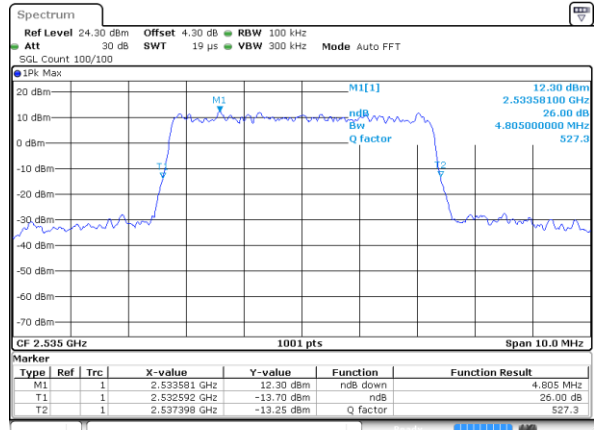
Date: 23.OCT.2017 09:31:57

Middle Channel / 5MHz / QPSK



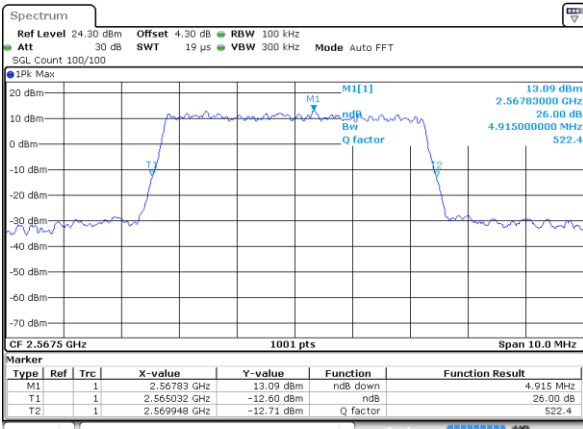
Date: 23.OCT.2017 09:40:44

Middle Channel / 5MHz / 16QAM



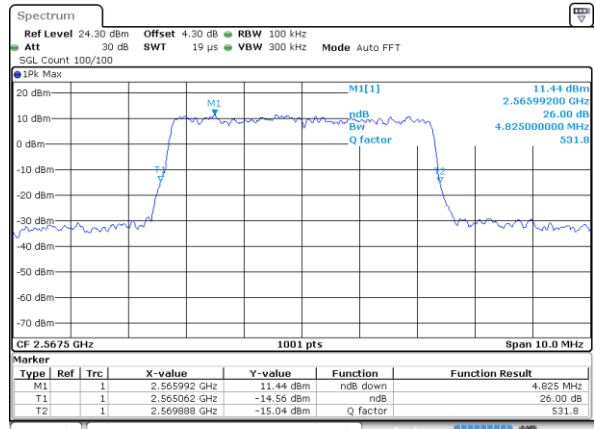
Date: 23.OCT.2017 09:40:24

Highest Channel / 5MHz / QPSK



Date: 23.OCT.2017 09:41:04

Highest Channel / 5MHz / 16QAM

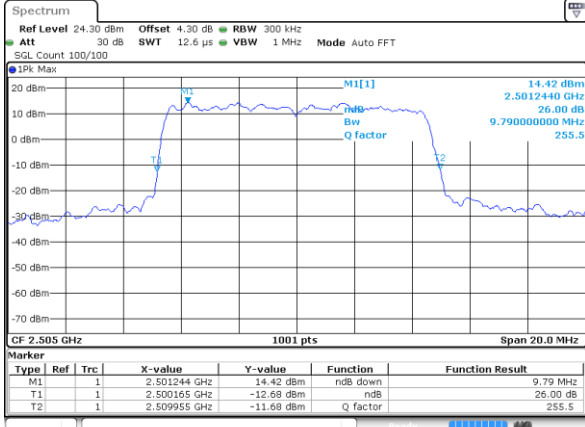


Date: 23.OCT.2017 09:41:23



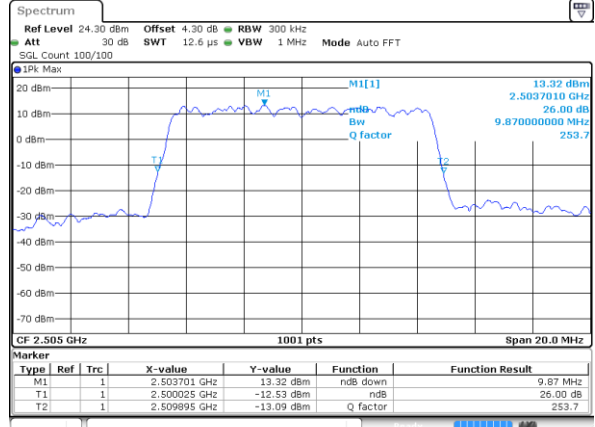
LTE Band 7

Lowest Channel / 10MHz / QPSK



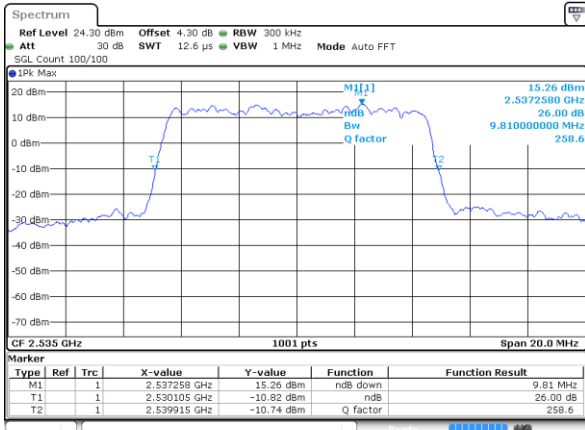
Date: 23.OCT.2017 09:48:02

Lowest Channel / 10MHz / 16QAM



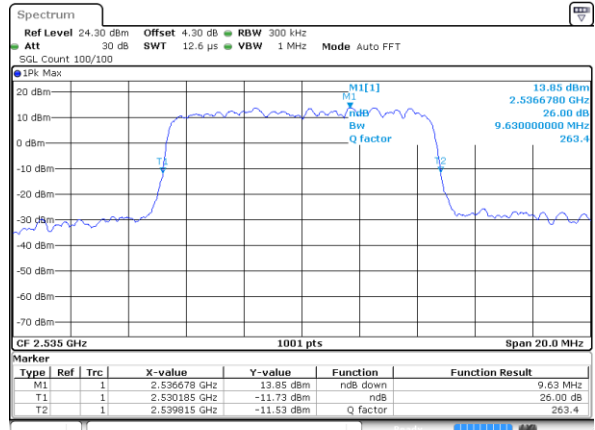
Date: 23.OCT.2017 09:48:22

Middle Channel / 10MHz / QPSK



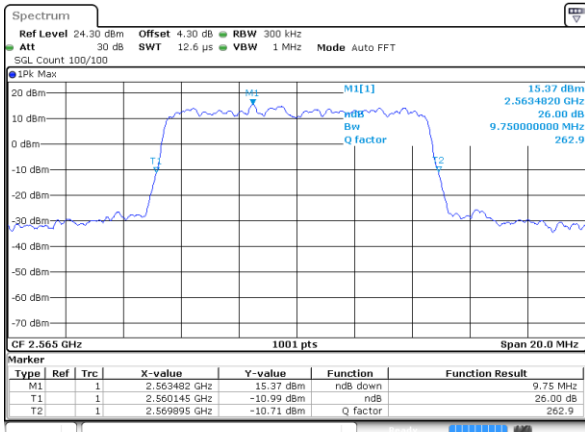
Date: 23.OCT.2017 09:57:08

Middle Channel / 10MHz / 16QAM



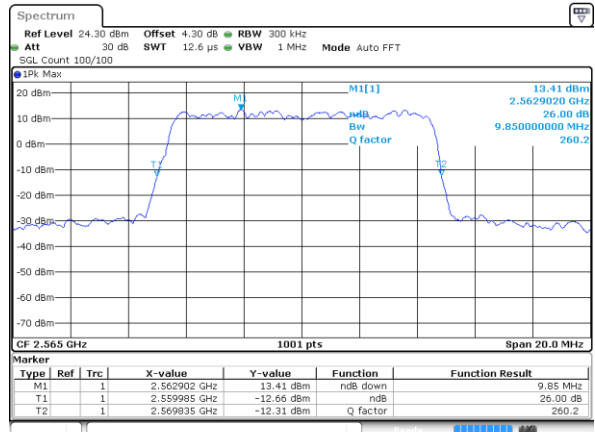
Date: 23.OCT.2017 09:56:48

Highest Channel / 10MHz / QPSK



Date: 23.OCT.2017 09:57:28

Highest Channel / 10MHz / 16QAM

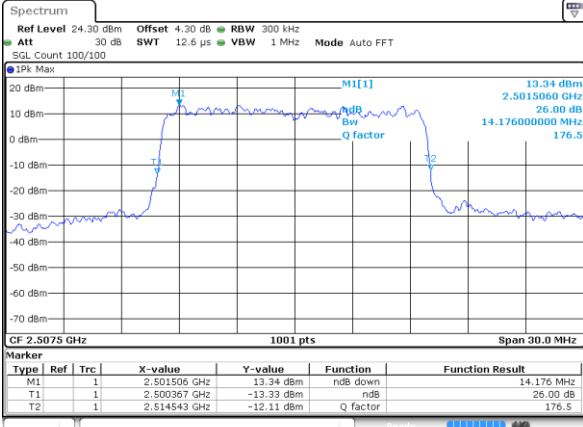


Date: 23.OCT.2017 09:57:48



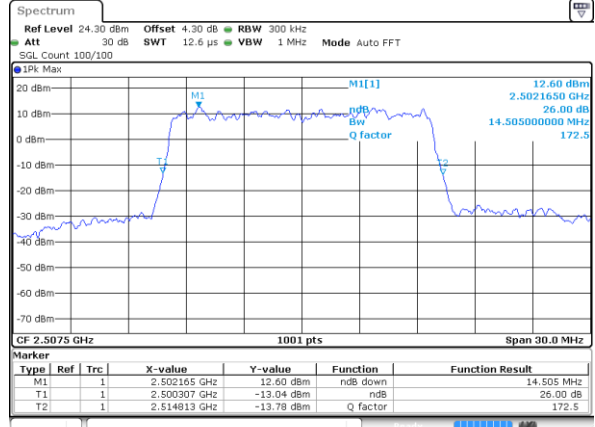
LTE Band 7

Lowest Channel / 15MHz / QPSK



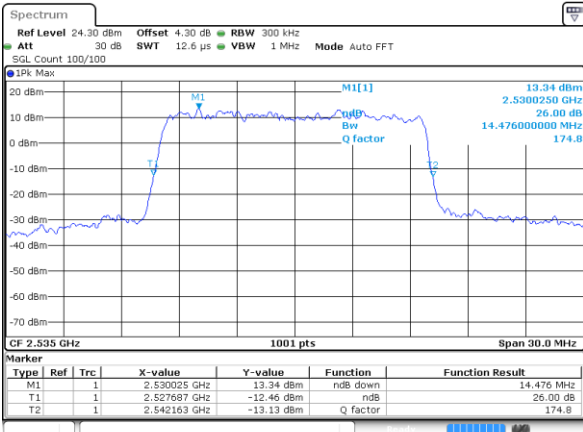
Date: 23.OCT.2017 10:04:27

Lowest Channel / 15MHz / 16QAM



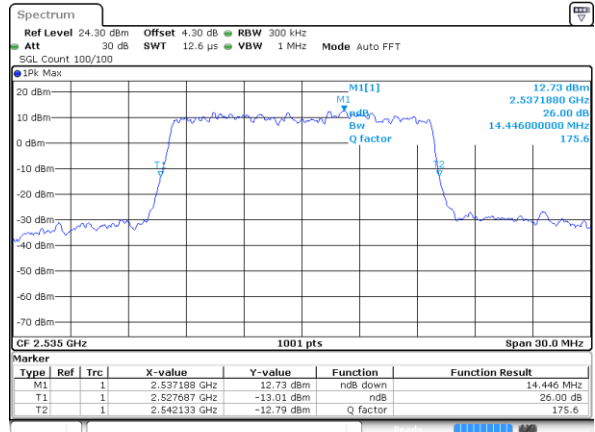
Date: 23.OCT.2017 10:04:46

Middle Channel / 15MHz / QPSK



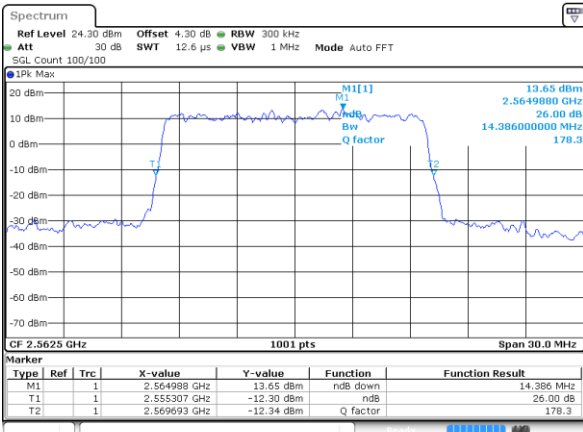
Date: 23.OCT.2017 10:13:33

Middle Channel / 15MHz / 16QAM



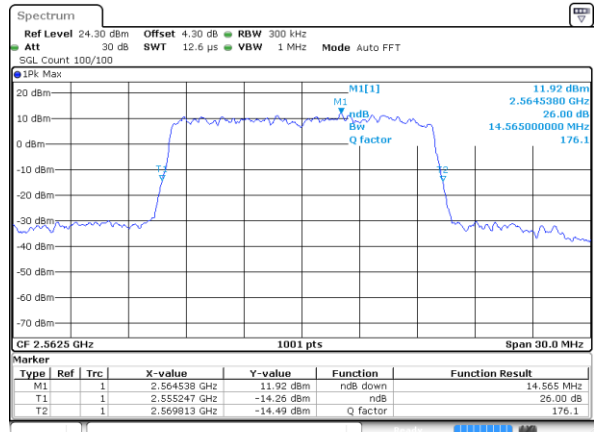
Date: 23.OCT.2017 10:13:13

Highest Channel / 15MHz / QPSK



Date: 23.OCT.2017 10:13:52

Highest Channel / 15MHz / 16QAM

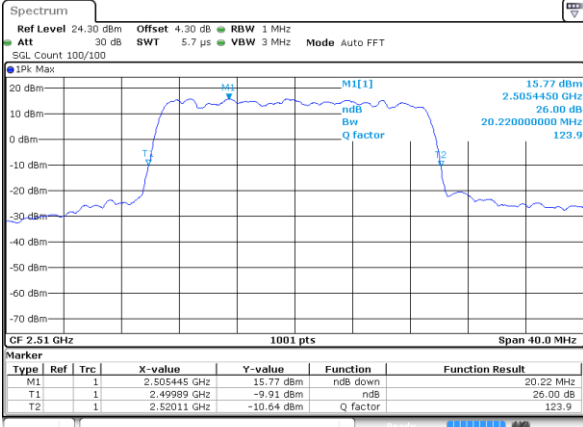


Date: 23.OCT.2017 10:14:12



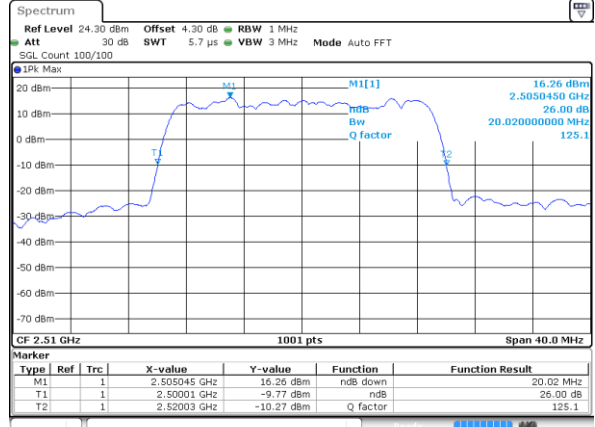
LTE Band 7

Lowest Channel / 20MHz / QPSK



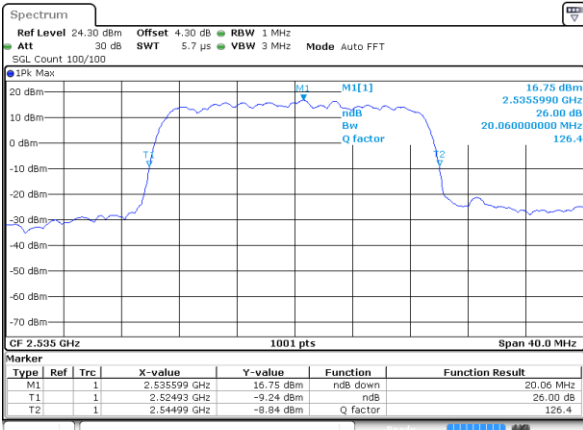
Date: 23.OCT.2017 10:20:51

Lowest Channel / 20MHz / 16QAM



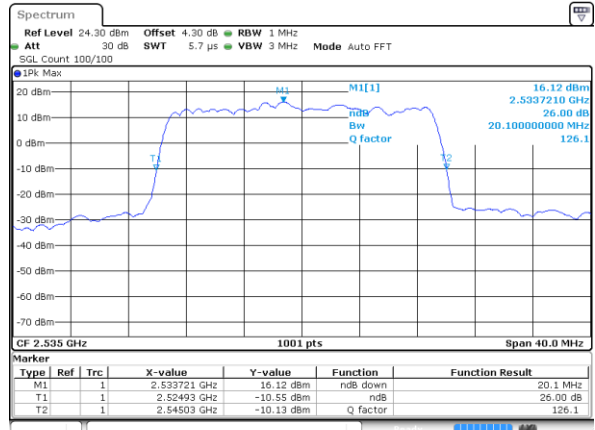
Date: 23.OCT.2017 10:21:11

Middle Channel / 20MHz / QPSK



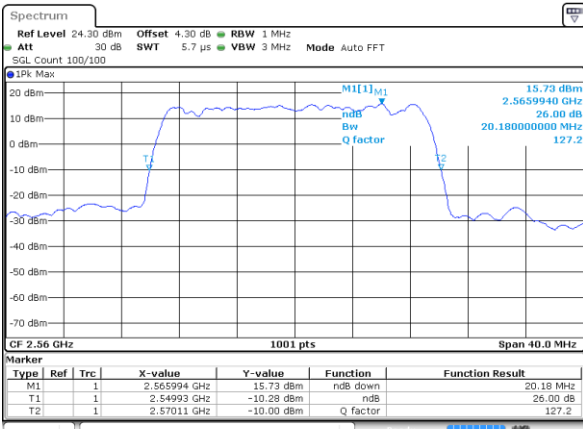
Date: 23.OCT.2017 10:29:57

Middle Channel / 20MHz / 16QAM



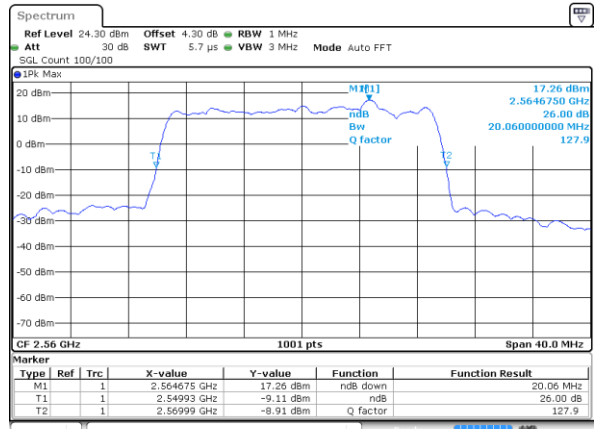
Date: 23.OCT.2017 10:29:37

Highest Channel / 20MHz / QPSK



Date: 23.OCT.2017 10:30:17

Highest Channel / 20MHz / 16QAM

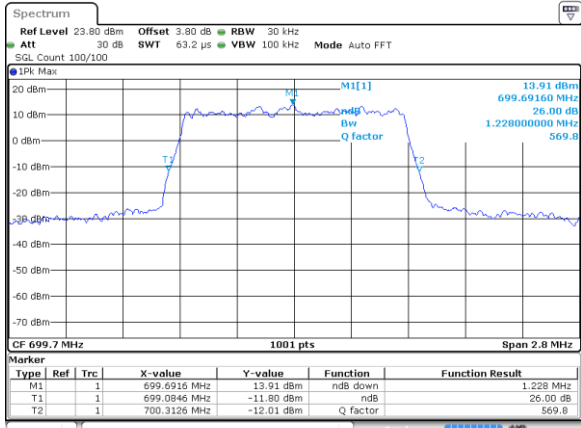


Date: 23.OCT.2017 10:30:37



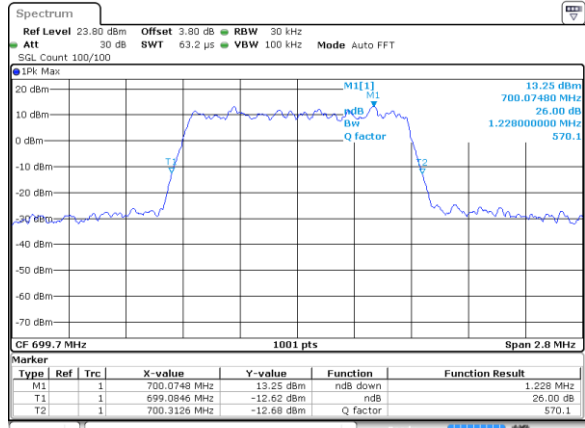
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



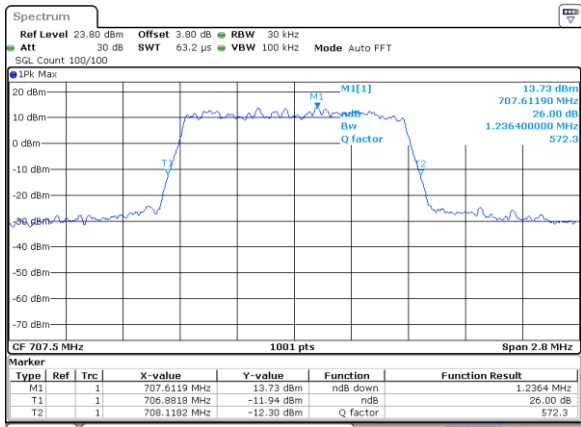
Date: 20 OCT 2017 20:22:43

Lowest Channel / 1.4MHz / 16QAM



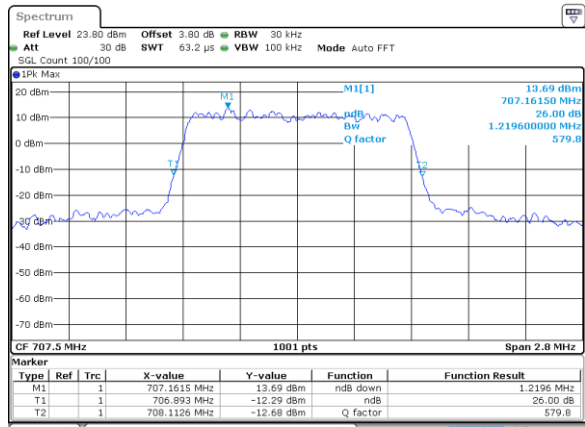
Date: 20 OCT 2017 20:22:33

Middle Channel / 1.4MHz / QPSK



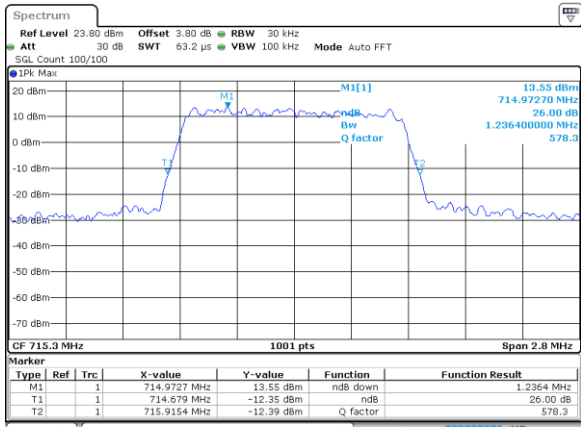
Date: 20 OCT 2017 20:22:13

Middle Channel / 1.4MHz / 16QAM



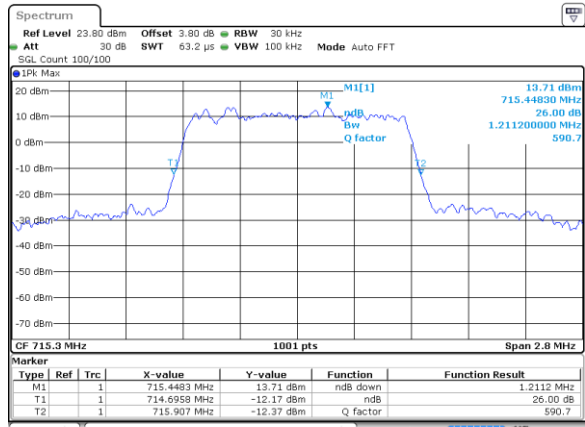
Date: 20 OCT 2017 20:22:23

Highest Channel / 1.4MHz / QPSK



Date: 20 OCT 2017 20:22:04

Highest Channel / 1.4MHz / 16QAM

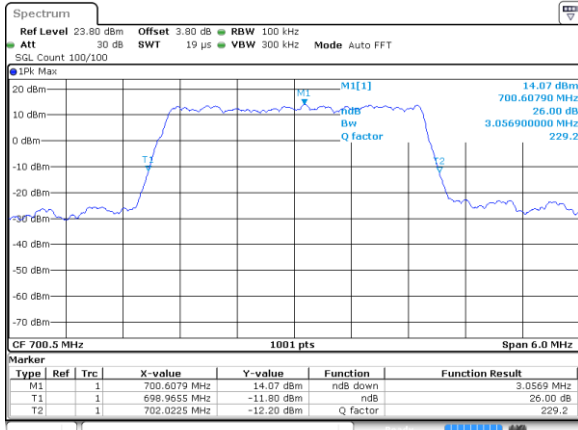


Date: 20 OCT 2017 20:21:54



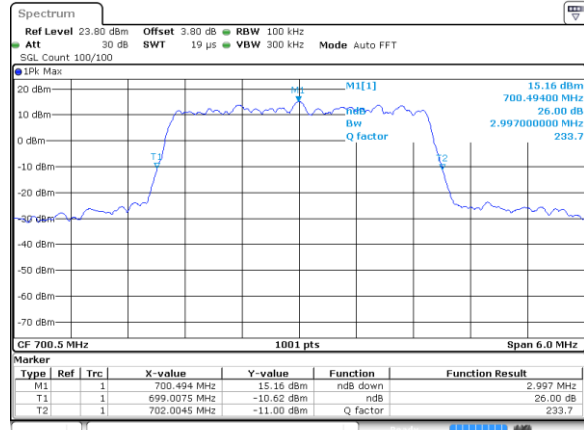
LTE Band 12

Lowest Channel / 3MHz / QPSK



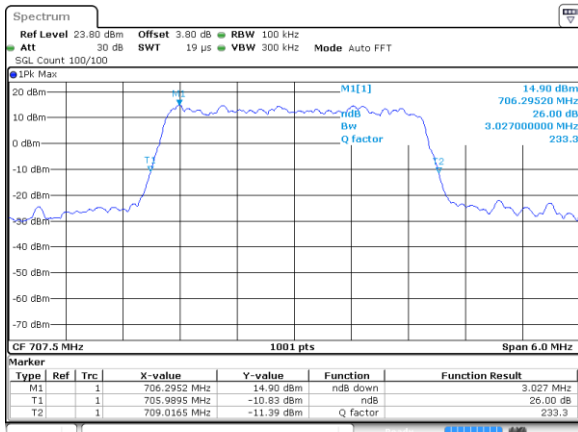
Date: 20 OCT 2017 20:39:11

Lowest Channel / 3MHz / 16QAM



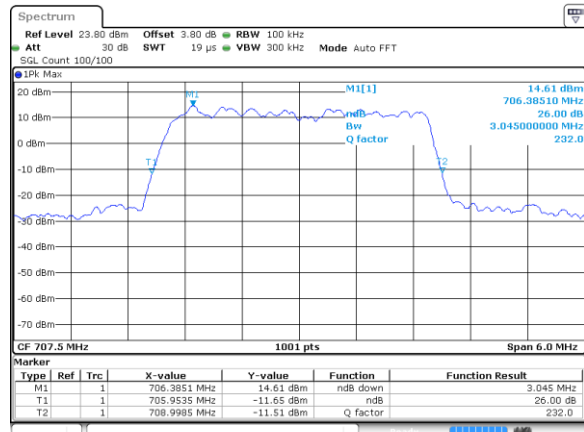
Date: 20 OCT 2017 20:39:01

Middle Channel / 3MHz / QPSK



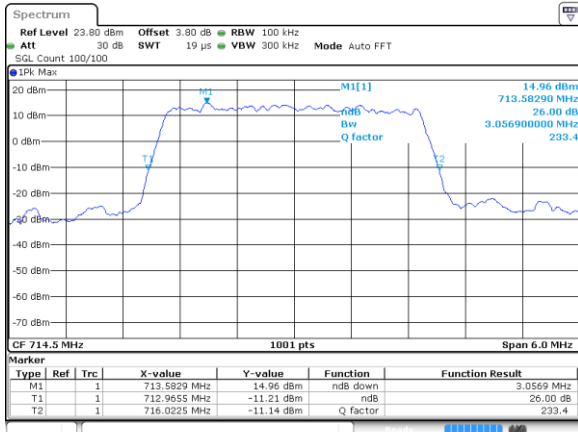
Date: 20 OCT 2017 20:38:41

Middle Channel / 3MHz / 16QAM



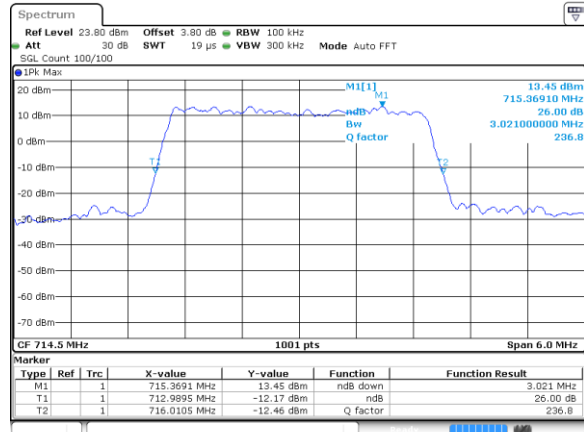
Date: 20 OCT 2017 20:38:51

Highest Channel / 3MHz / QPSK



Date: 20 OCT 2017 20:38:31

Highest Channel / 3MHz / 16QAM

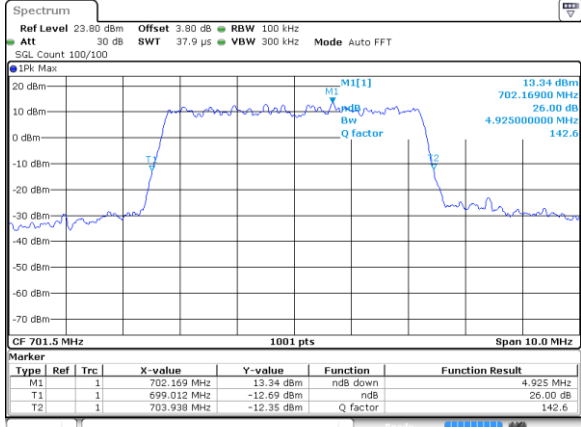


Date: 20 OCT 2017 20:38:21



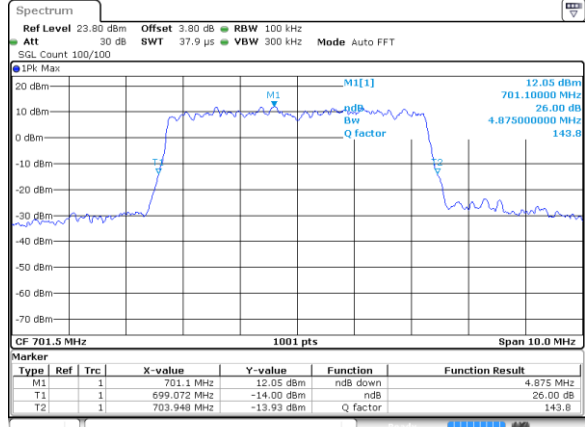
LTE Band 12

Lowest Channel / 5MHz / QPSK



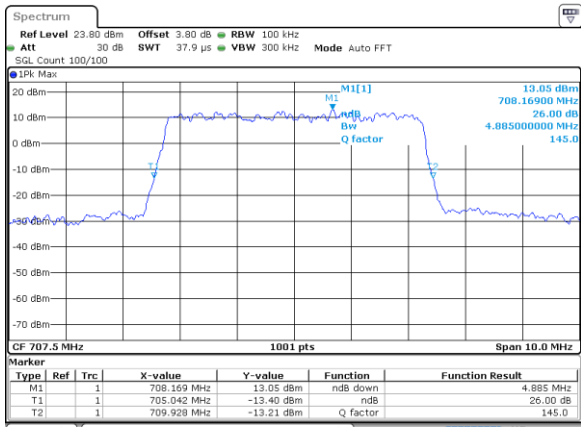
Date: 20 OCT 2017 20:55:38

Lowest Channel / 5MHz / 16QAM



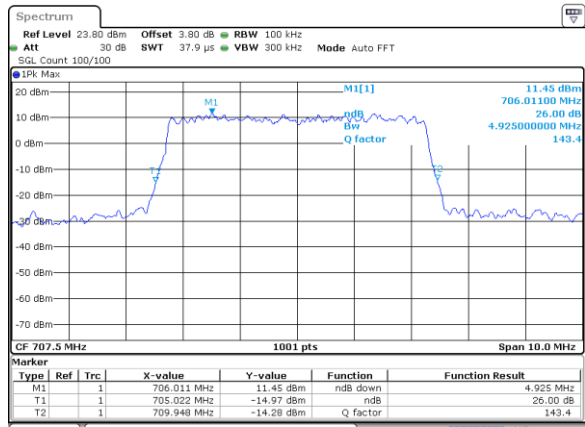
Date: 20 OCT 2017 20:55:28

Middle Channel / 5MHz / QPSK



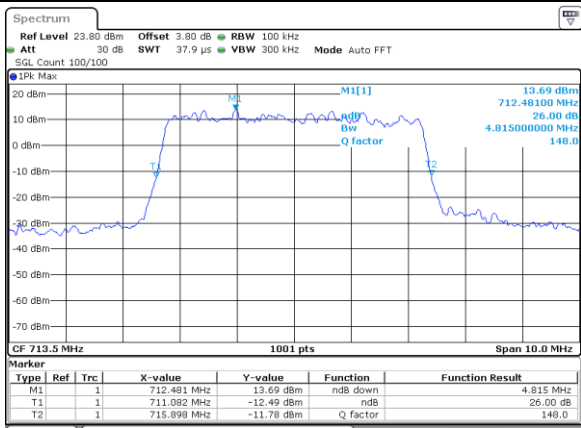
Date: 20 OCT 2017 20:55:09

Middle Channel / 5MHz / 16QAM



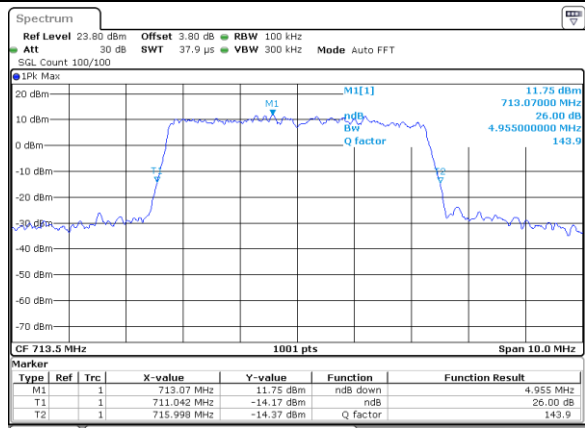
Date: 20 OCT 2017 20:55:19

Highest Channel / 5MHz / QPSK



Date: 20 OCT 2017 20:54:59

Highest Channel / 5MHz / 16QAM

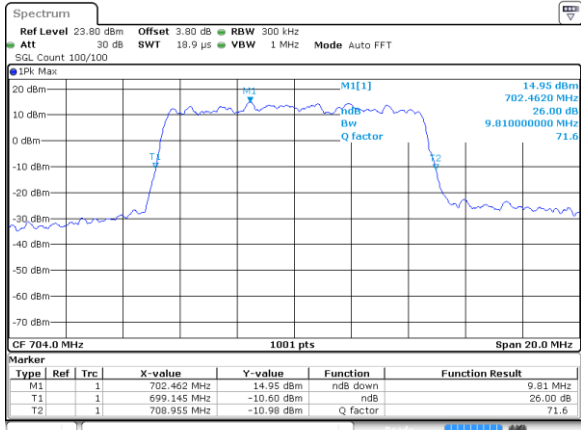


Date: 20 OCT 2017 20:54:49



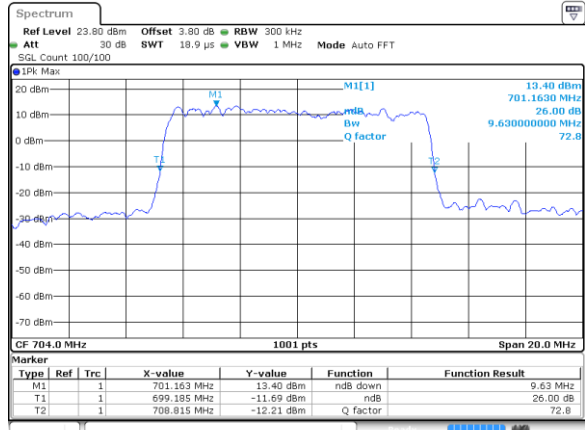
LTE Band 12

Lowest Channel / 10MHz / QPSK



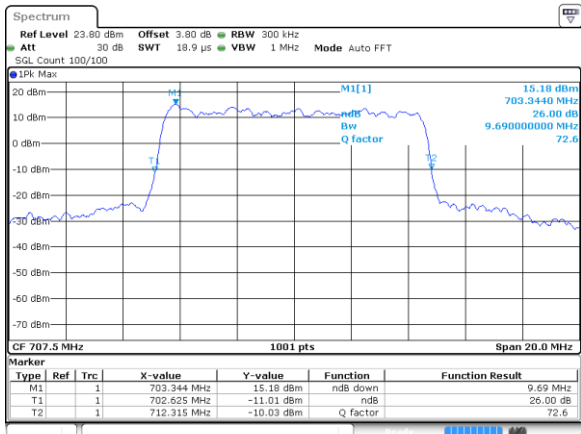
Date: 20 OCT 2017 21:12:06

Lowest Channel / 10MHz / 16QAM



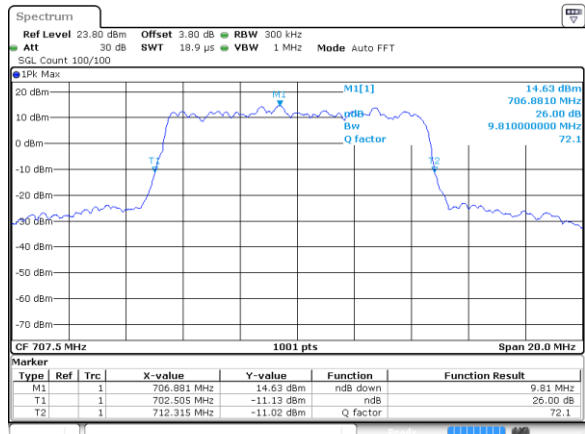
Date: 20 OCT 2017 21:11:56

Middle Channel / 10MHz / QPSK



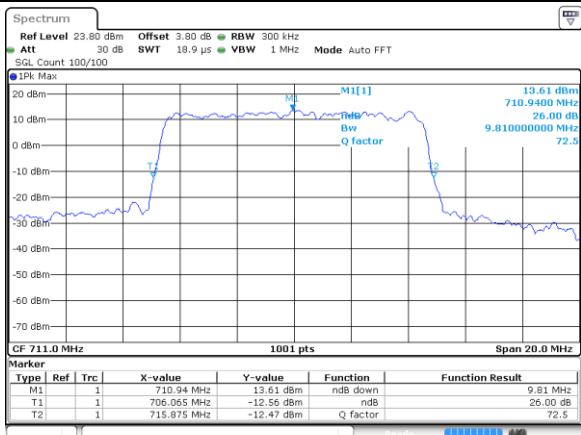
Date: 20 OCT 2017 21:11:36

Middle Channel / 10MHz / 16QAM



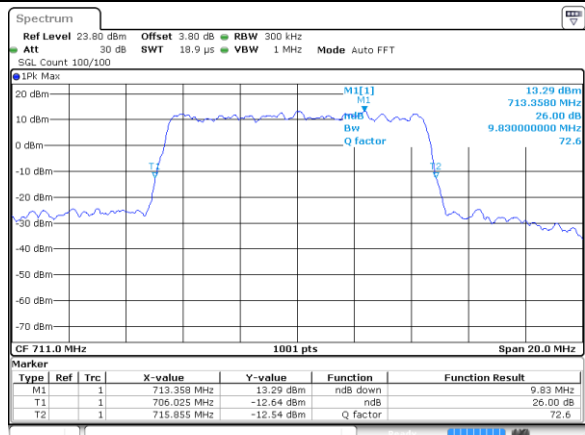
Date: 20 OCT 2017 21:11:46

Highest Channel / 10MHz / QPSK



Date: 20 OCT 2017 21:11:26

Highest Channel / 10MHz / 16QAM

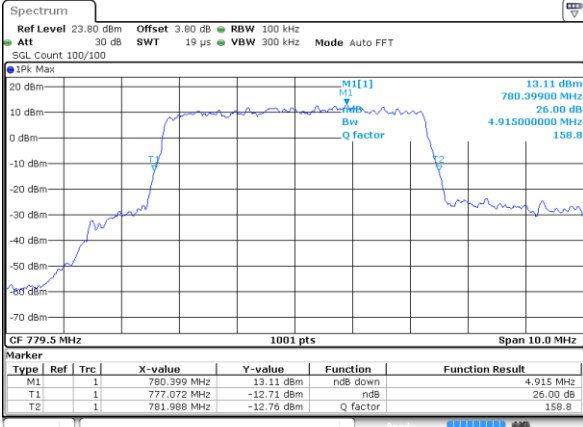


Date: 20 OCT 2017 21:11:16



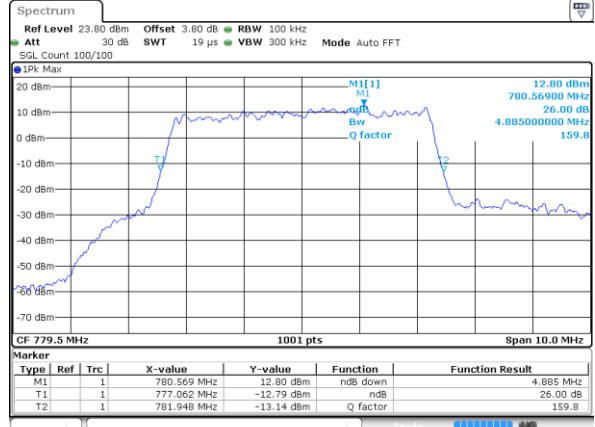
LTE Band 13

Lowest Channel / 5MHz / QPSK



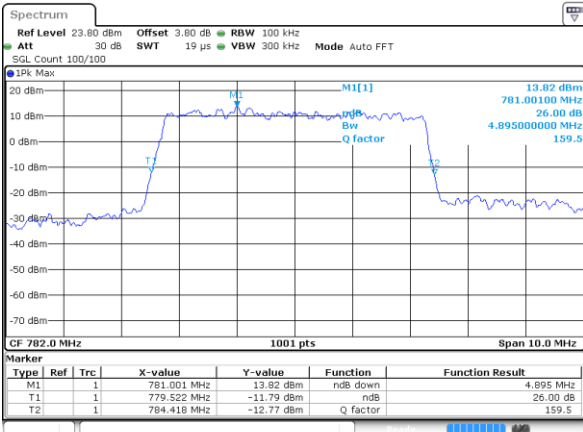
Date: 23 OCT 2017 11:54:26

Lowest Channel / 5MHz / 16QAM



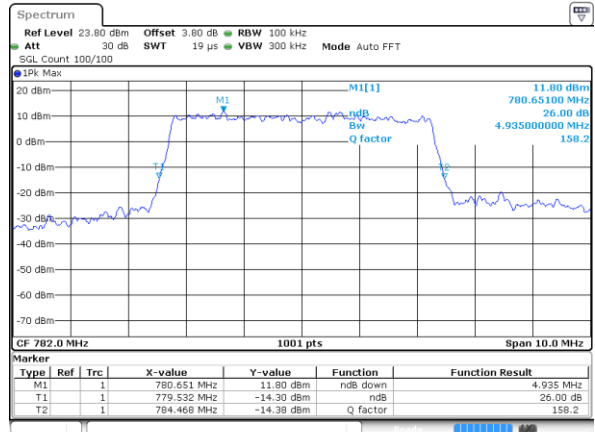
Date: 23 OCT 2017 11:54:36

Middle Channel / 5MHz / QPSK



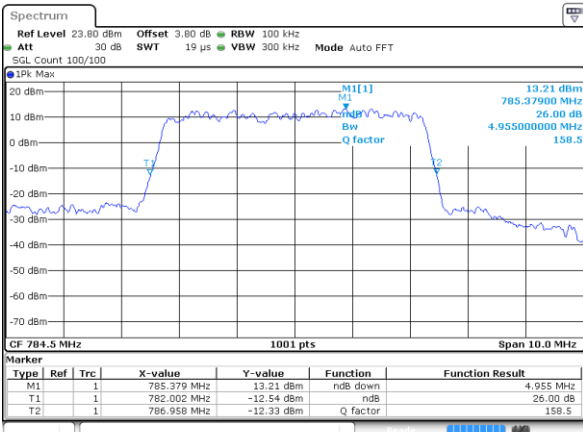
Date: 23 OCT 2017 12:03:24

Middle Channel / 5MHz / 16QAM



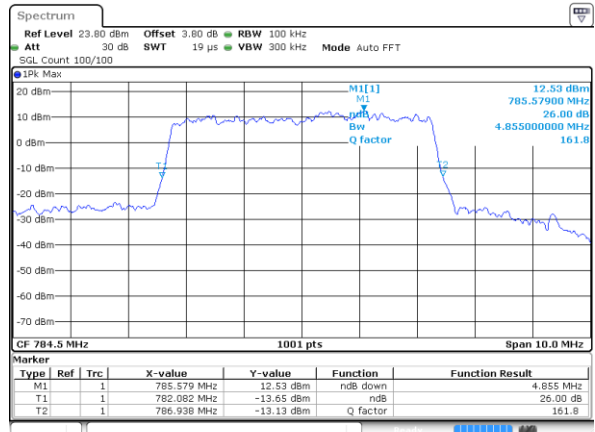
Date: 23 OCT 2017 12:03:34

Highest Channel / 5MHz / QPSK



Date: 23 OCT 2017 12:06:01

Highest Channel / 5MHz / 16QAM

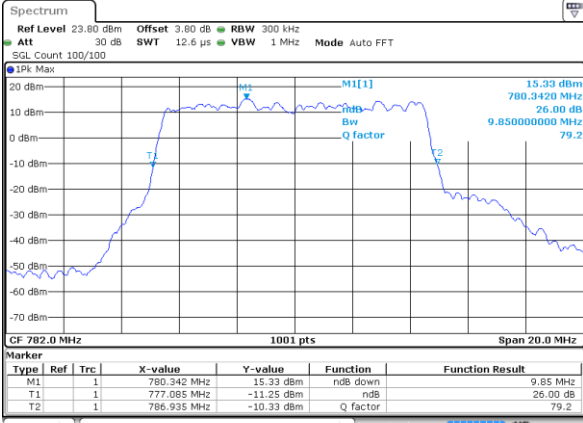


Date: 23 OCT 2017 12:05:51



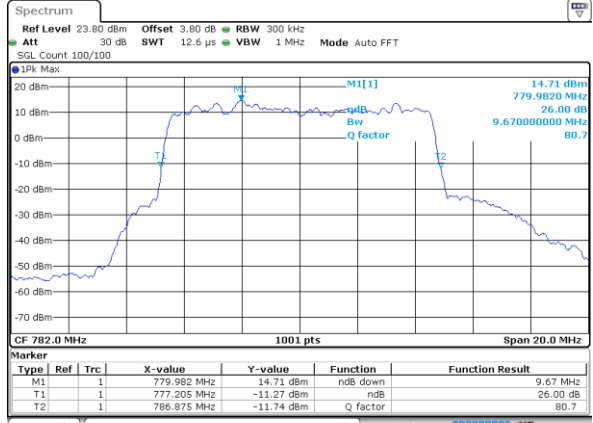
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 23.OCT.2017 12:16:47

Middle Channel / 10MHz / 16QAM

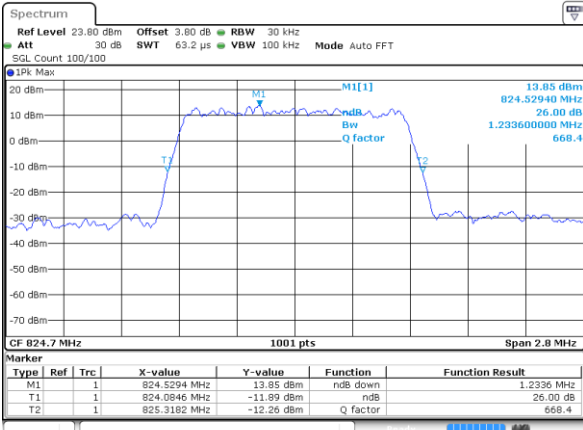


Date: 23.OCT.2017 12:16:37



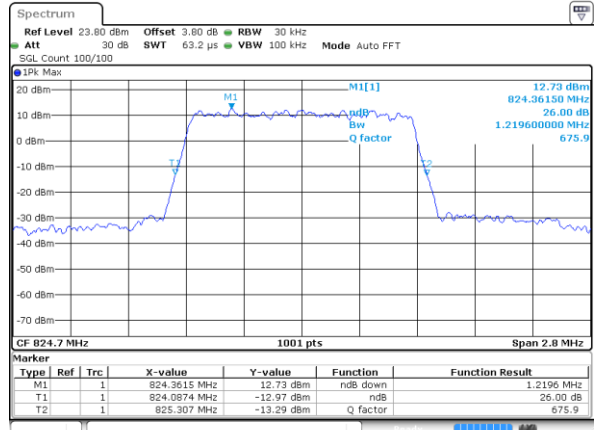
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



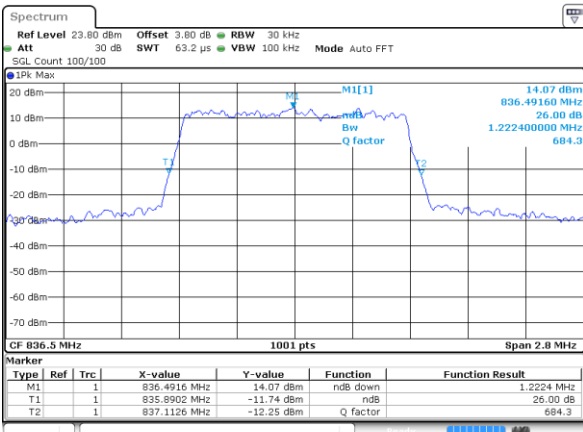
Date: 23.OCT.2017 14:14:06

Lowest Channel / 1.4MHz / 16QAM



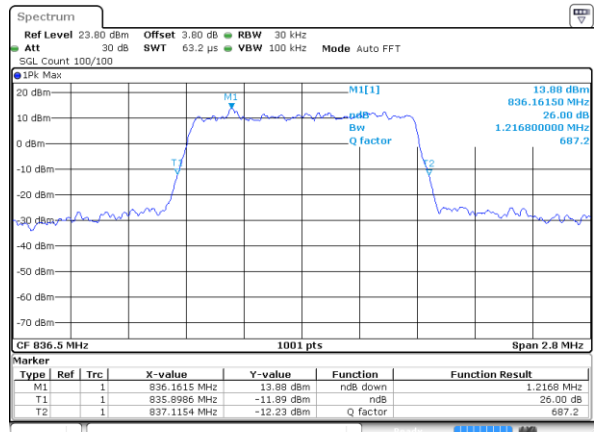
Date: 23.OCT.2017 14:14:28

Middle Channel / 1.4MHz / QPSK



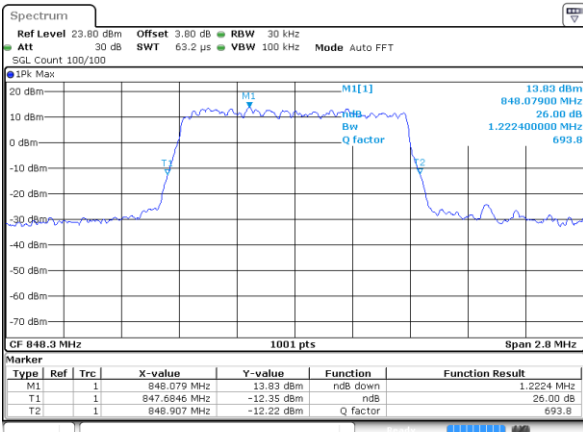
Date: 23.OCT.2017 14:14:49

Middle Channel / 1.4MHz / 16QAM



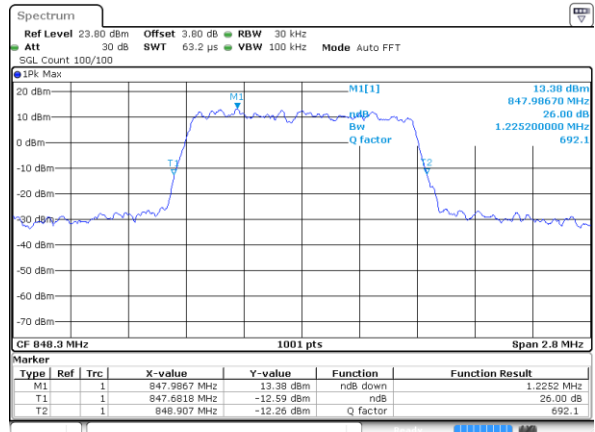
Date: 23.OCT.2017 14:15:07

Highest Channel / 1.4MHz / QPSK



Date: 23.OCT.2017 14:15:28

Highest Channel / 1.4MHz / 16QAM

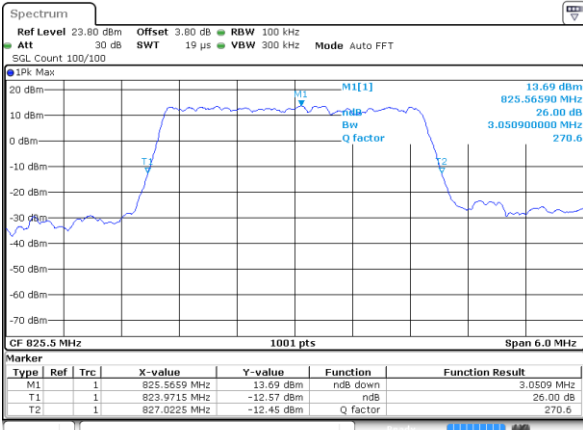


Date: 23.OCT.2017 14:15:46



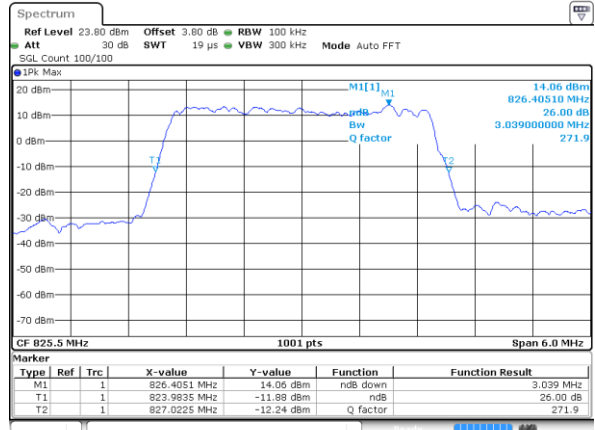
LTE Band 26

Lowest Channel / 3MHz / QPSK



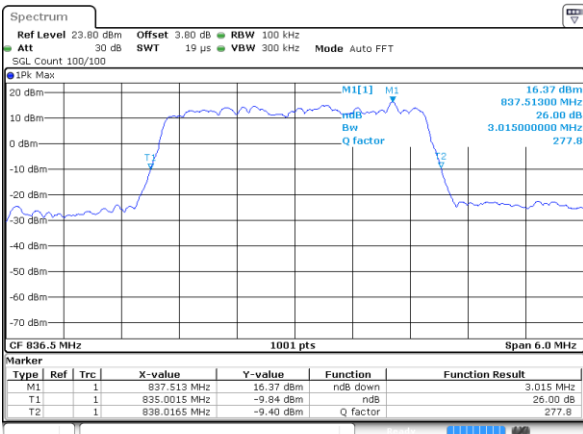
Date: 23.OCT.2017 14:17:30

Lowest Channel / 3MHz / 16QAM



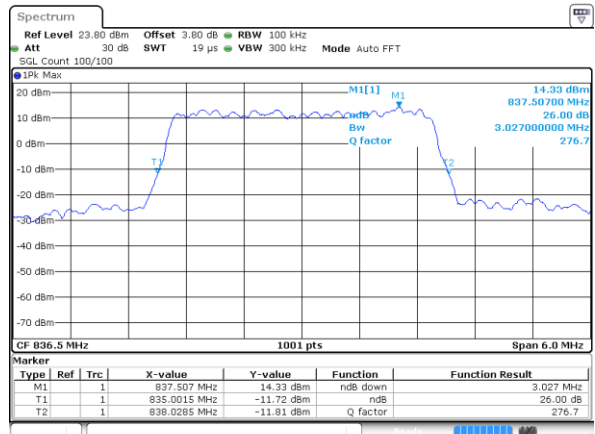
Date: 23.OCT.2017 14:17:12

Middle Channel / 3MHz / QPSK



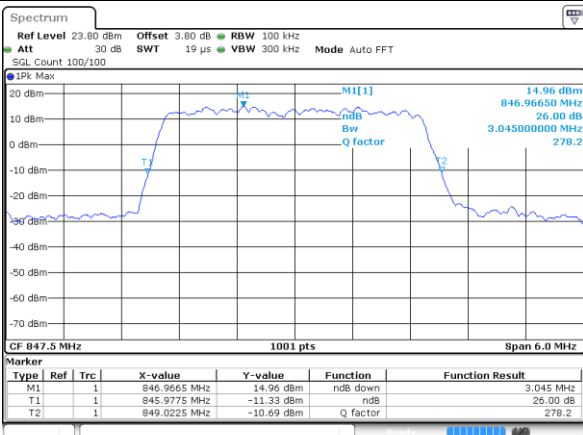
Date: 23.OCT.2017 14:17:52

Middle Channel / 3MHz / 16QAM



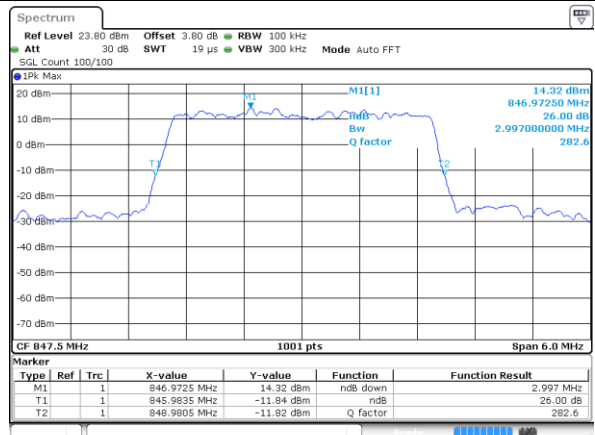
Date: 23.OCT.2017 14:18:10

Highest Channel / 3MHz / QPSK



Date: 23.OCT.2017 14:18:33

Highest Channel / 3MHz / 16QAM

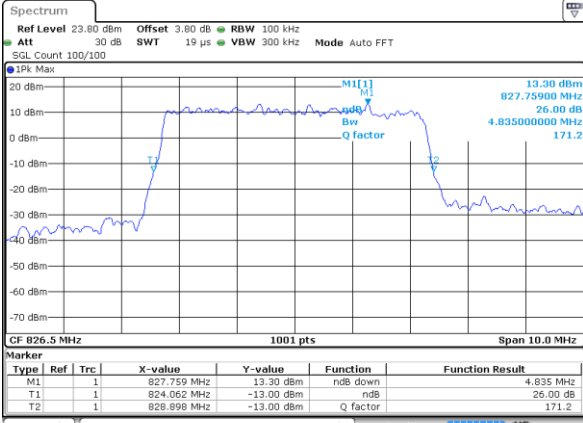


Date: 23.OCT.2017 14:18:52



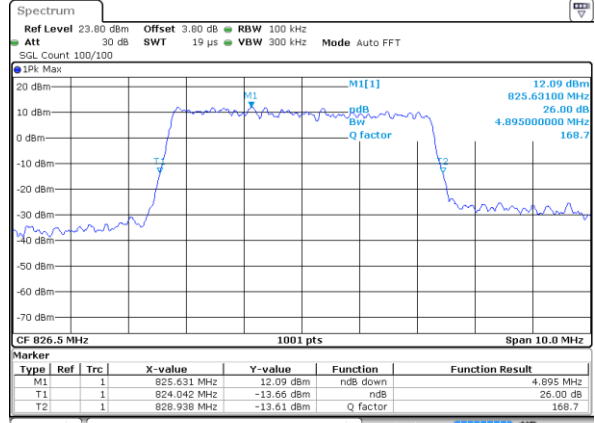
LTE Band 26

Lowest Channel / 5MHz / QPSK



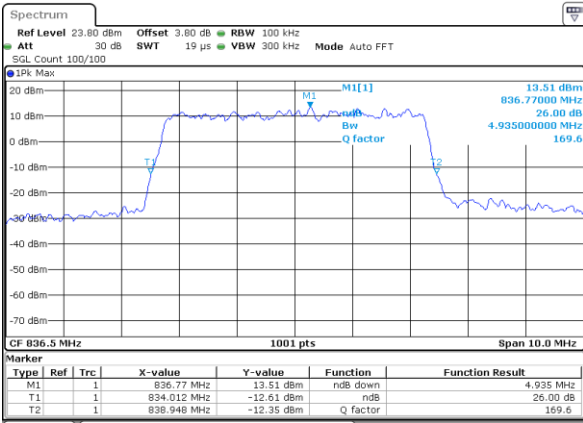
Date: 23.OCT.2017 14:20:14

Lowest Channel / 5MHz / 16QAM



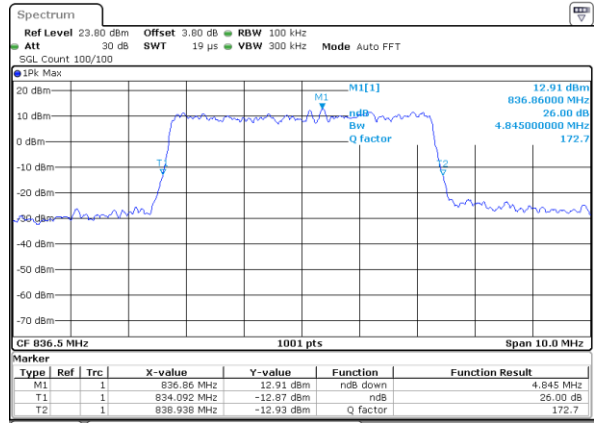
Date: 23.OCT.2017 14:20:34

Middle Channel / 5MHz / QPSK



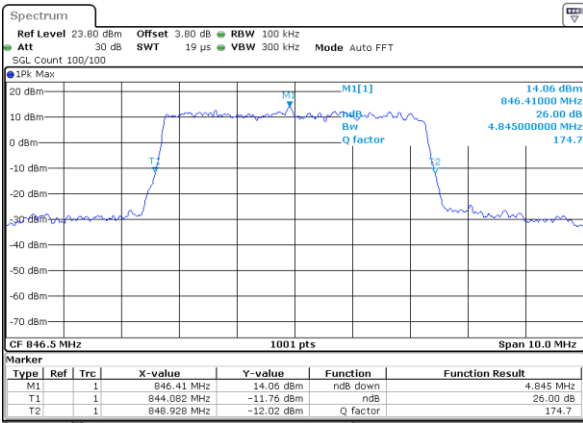
Date: 23.OCT.2017 14:20:55

Middle Channel / 5MHz / 16QAM



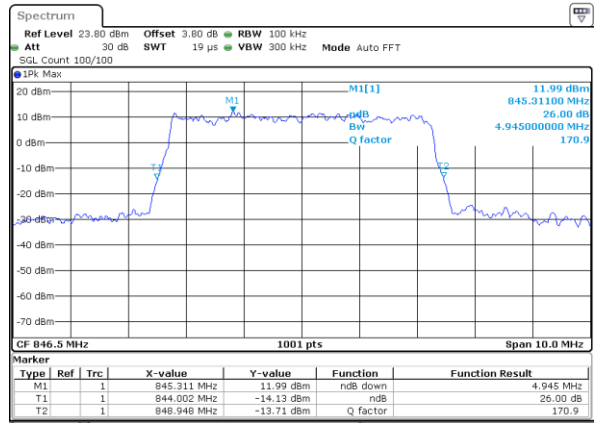
Date: 23.OCT.2017 14:21:16

Highest Channel / 5MHz / QPSK



Date: 23.OCT.2017 14:21:40

Highest Channel / 5MHz / 16QAM

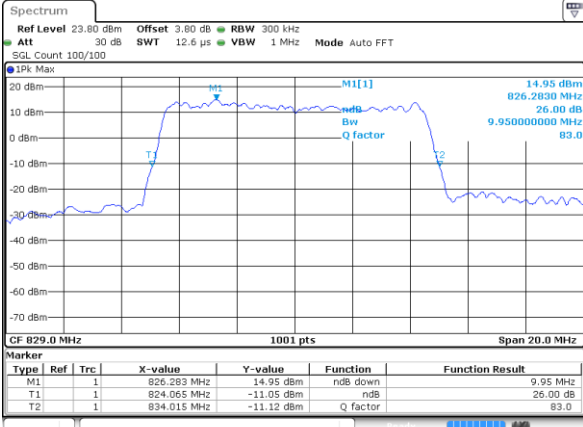


Date: 23.OCT.2017 14:27:39



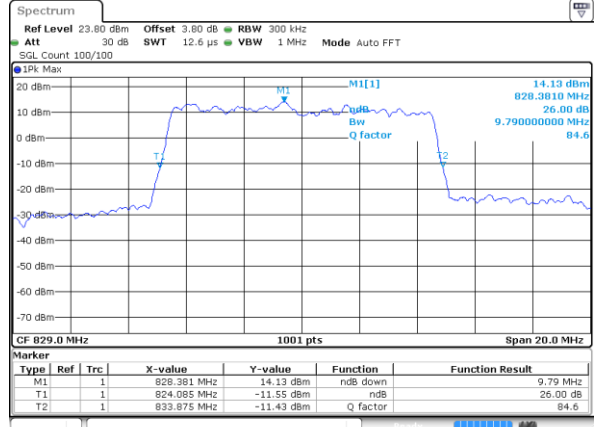
LTE Band 26

Lowest Channel / 10MHz / QPSK



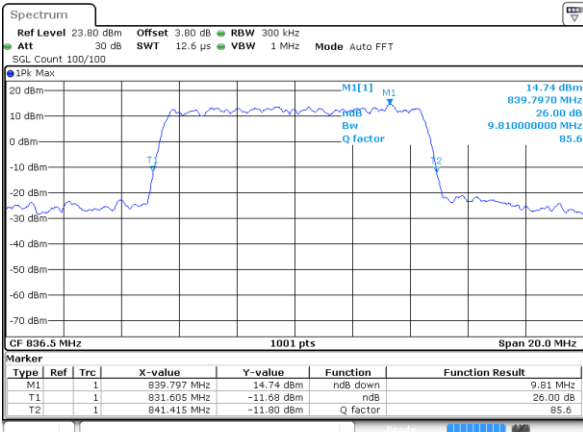
Date: 23.OCT.2017 14:31:25

Lowest Channel / 10MHz / 16QAM



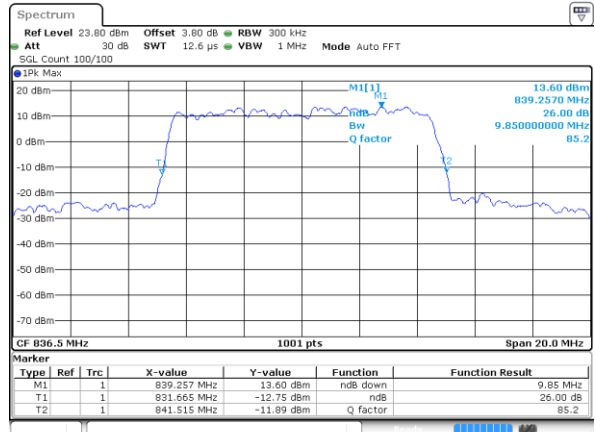
Date: 23.OCT.2017 14:31:43

Middle Channel / 10MHz / QPSK



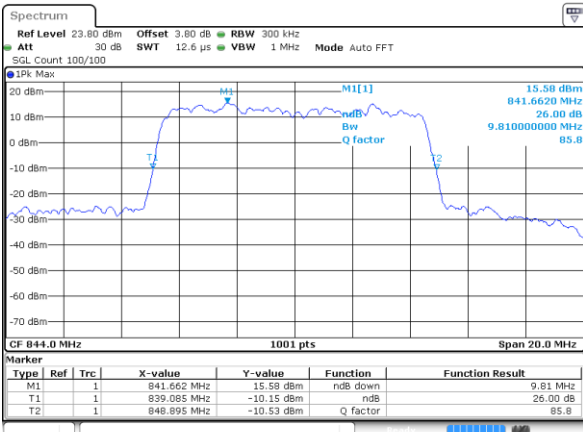
Date: 23.OCT.2017 14:30:46

Middle Channel / 10MHz / 16QAM



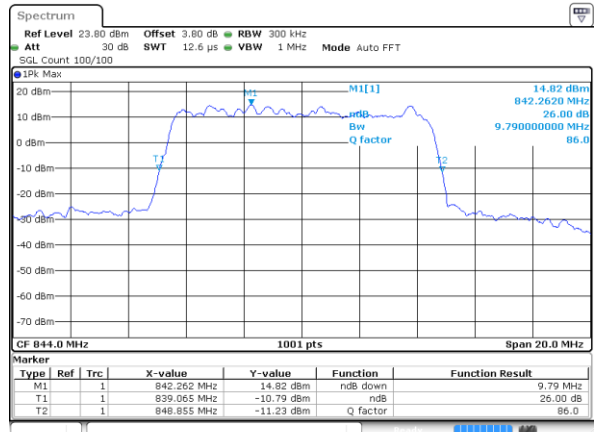
Date: 23.OCT.2017 14:31:05

Highest Channel / 10MHz / QPSK



Date: 23.OCT.2017 14:30:23

Highest Channel / 10MHz / 16QAM

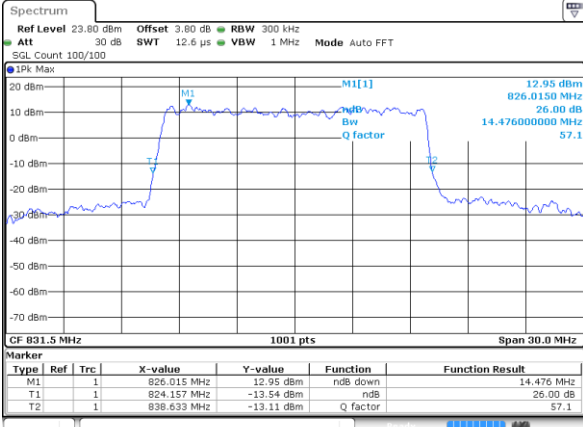


Date: 23.OCT.2017 14:29:57



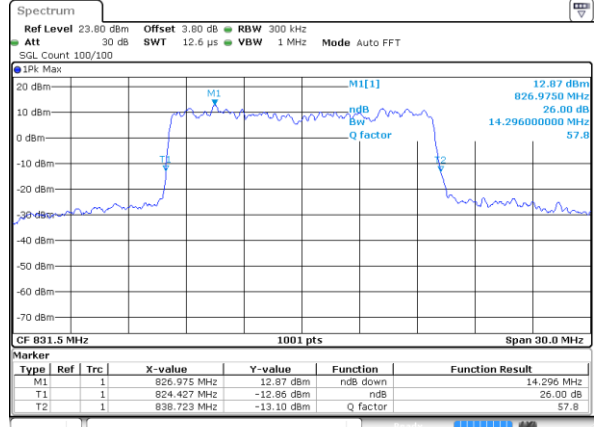
LTE Band 26

Lowest Channel / 15MHz / QPSK



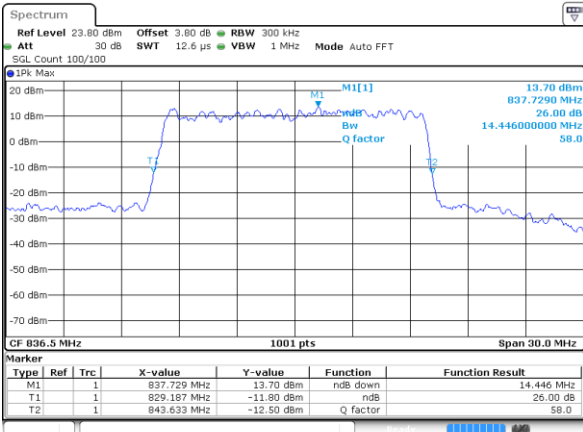
Date: 23.OCT.2017 14:32:09

Lowest Channel / 15MHz / 16QAM



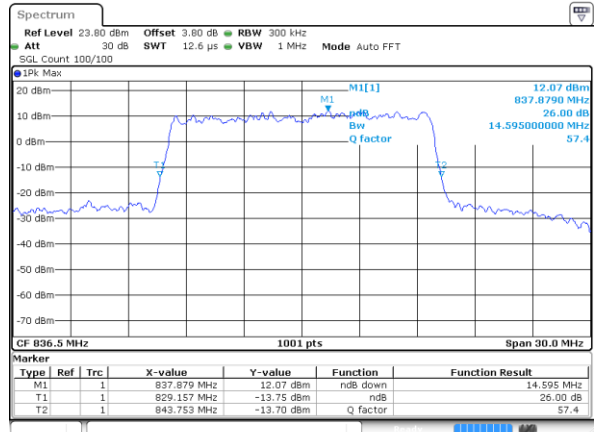
Date: 23.OCT.2017 14:33:44

Middle Channel / 15MHz / QPSK



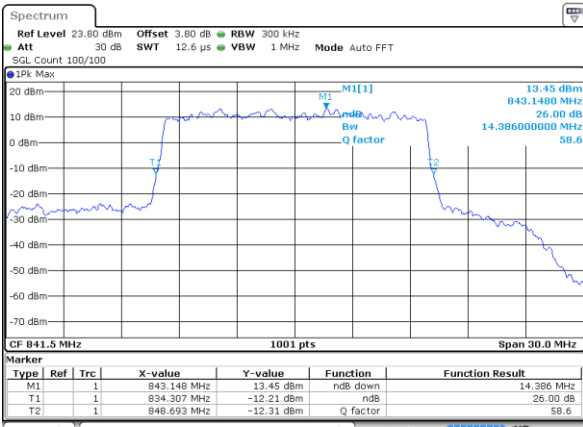
Date: 23.OCT.2017 14:34:20

Middle Channel / 15MHz / 16QAM



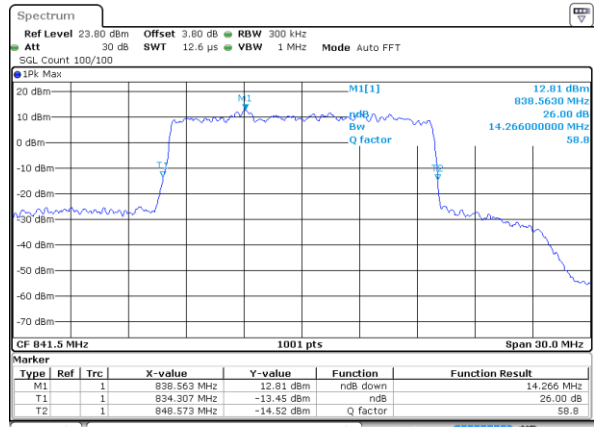
Date: 23.OCT.2017 14:34:39

Highest Channel / 15MHz / QPSK



Date: 23.OCT.2017 14:35:01

Highest Channel / 15MHz / 16QAM

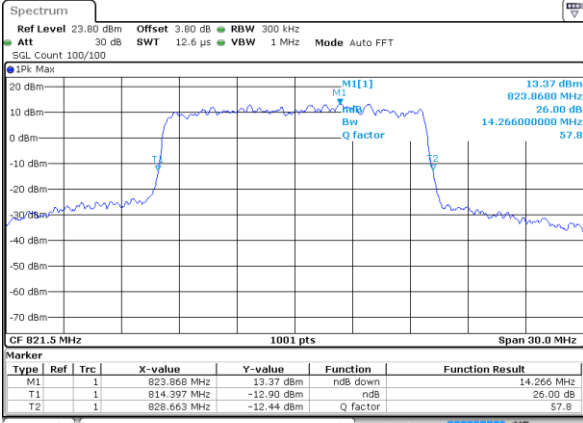


Date: 23.OCT.2017 14:35:21



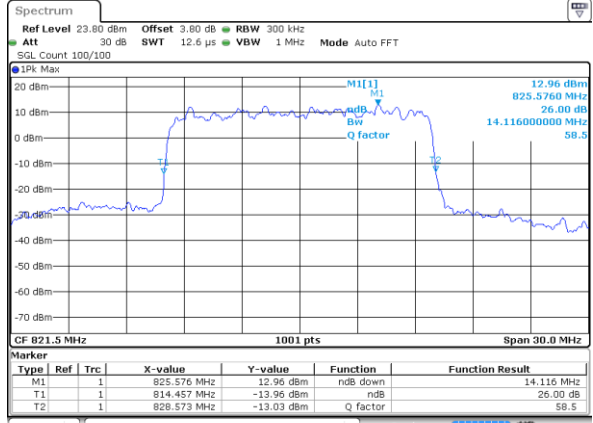
LTE Band 26

CH26765 / 15MHz / QPSK



Date: 23.OCT.2017 20:07:32

CH26765 / 15MHz / 16QAM



Date: 23.OCT.2017 20:07:53



Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.49	4.47	9.01	8.97	13.43	13.43	18.46	18.38
Middle CH	1.09	1.09	2.72	2.70	4.48	4.46	9.11	8.99	13.46	13.40	18.18	18.22
Highest CH	1.10	1.09	2.75	2.73	4.50	4.49	9.11	8.97	13.49	13.46	18.30	18.34

Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.50	4.49	9.01	9.03	13.43	13.40	18.34	18.26
Middle CH	1.09	1.10	2.71	2.70	4.48	4.47	9.03	8.99	13.43	13.43	18.26	18.42
Highest CH	1.09	1.09	2.71	2.72	4.51	4.46	9.01	9.05	13.49	13.46	18.34	18.26

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	2.70	2.72	4.49	4.50	8.97	8.99	-	-	-	-
Middle CH	1.09	1.09	2.71	2.72	4.48	4.48	9.05	8.97	-	-	-	-
Highest CH	1.09	1.10	2.72	2.72	4.50	4.48	8.99	8.97	-	-	-	-

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	-	-	-	-	4.50	4.50	9.05	8.99	13.43	13.43	18.38	18.26
Middle CH	-	-	-	-	4.50	4.48	9.01	8.95	13.46	13.46	18.46	18.22
Highest CH	-	-	-	-	4.50	4.49	9.01	9.01	13.52	13.37	18.38	18.26

Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.74	2.70	4.48	4.48	8.99	9.01	-	-	-	-
Middle CH	1.09	1.09	2.72	2.73	4.49	4.50	9.07	9.03	-	-	-	-
Highest CH	1.09	1.09	2.72	2.71	4.49	4.48	8.99	9.01	-	-	-	-



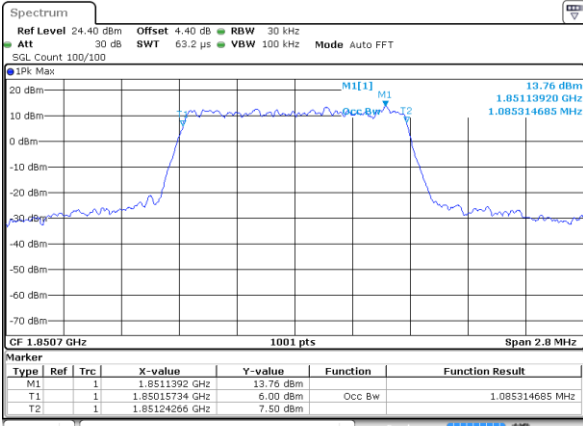
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.49	-	-	-	-	-	-
Middle CH	-	-	-	-	4.51	4.49	9.05	8.99	-	-	-	-
Highest CH	-	-	-	-	4.47	4.49	-	-	-	-	-	-

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.08	2.72	2.73	4.47	4.49	9.03	9.03	13.49	13.49	13.46	13.34
Middle CH	1.09	1.09	2.74	2.72	4.49	4.48	9.01	9.01	13.40	13.46	-	-
Highest CH	1.09	1.10	2.72	2.72	4.48	4.49	9.03	8.97	13.40	13.31	-	-



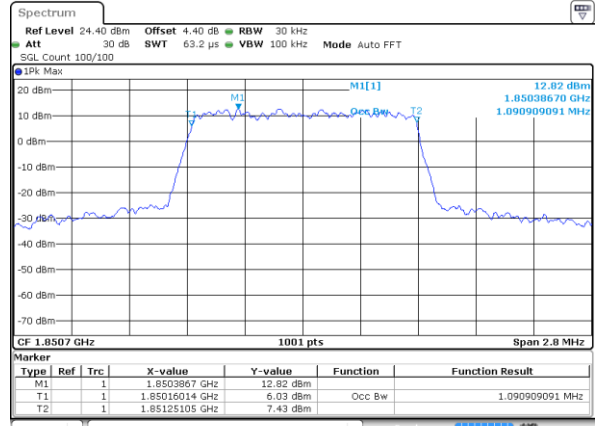
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



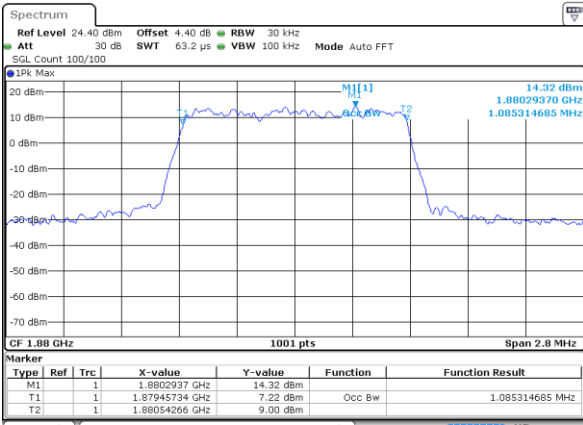
Date: 20.OCT.2017 19:37:22

Lowest Channel / 1.4MHz / 16QAM



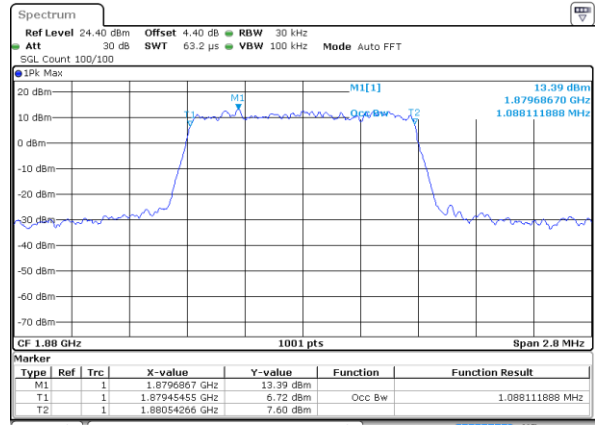
Date: 20.OCT.2017 19:37:32

Middle Channel / 1.4MHz / QPSK



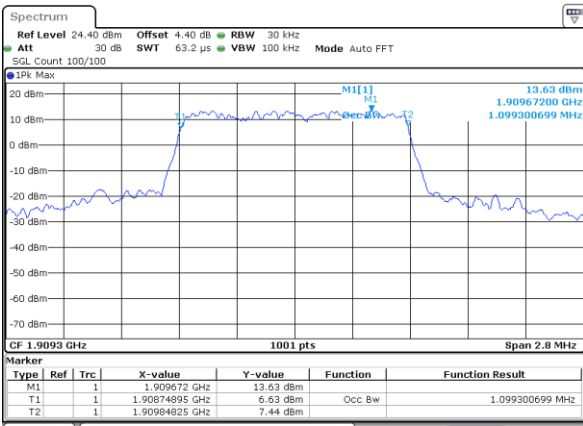
Date: 20.OCT.2017 19:44:22

Middle Channel / 1.4MHz / 16QAM



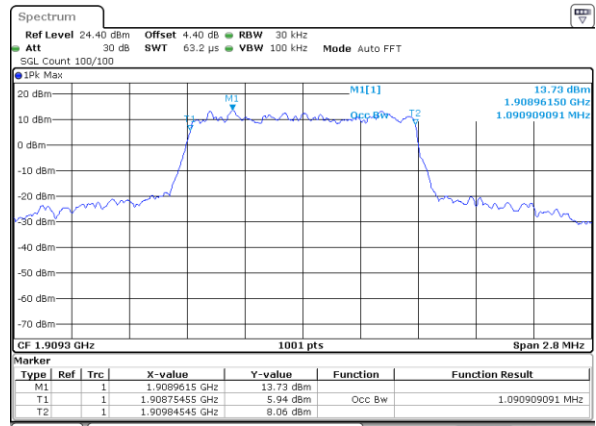
Date: 20.OCT.2017 19:44:33

Highest Channel / 1.4MHz / QPSK



Date: 20.OCT.2017 19:46:53

Highest Channel / 1.4MHz / 16QAM

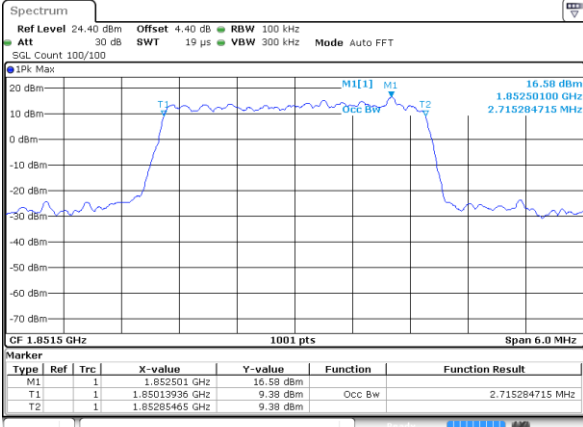


Date: 20.OCT.2017 19:47:03



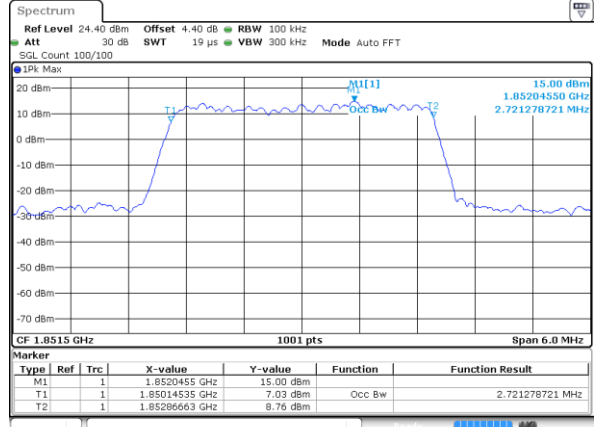
LTE Band 2

Lowest Channel / 3MHz / QPSK



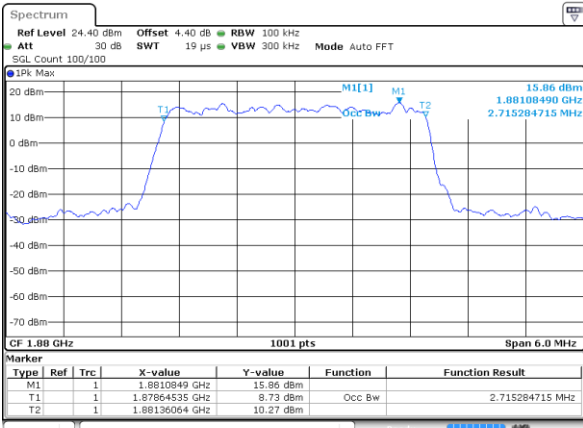
Date: 20.OCT.2017 19:53:53

Lowest Channel / 3MHz / 16QAM



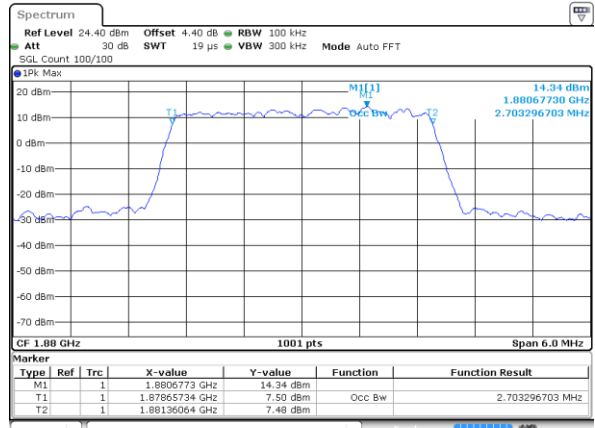
Date: 20.OCT.2017 19:54:03

Middle Channel / 3MHz / QPSK



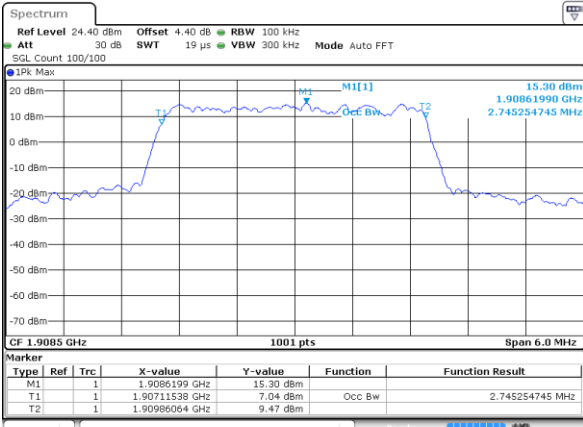
Date: 20.OCT.2017 20:00:54

Middle Channel / 3MHz / 16QAM



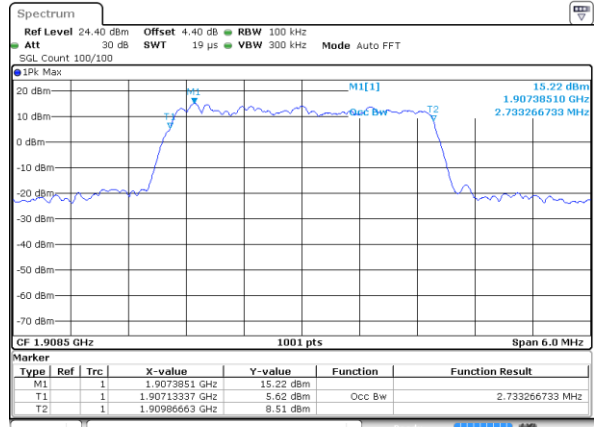
Date: 20.OCT.2017 20:01:04

Highest Channel / 3MHz / QPSK



Date: 20.OCT.2017 20:03:24

Highest Channel / 3MHz / 16QAM

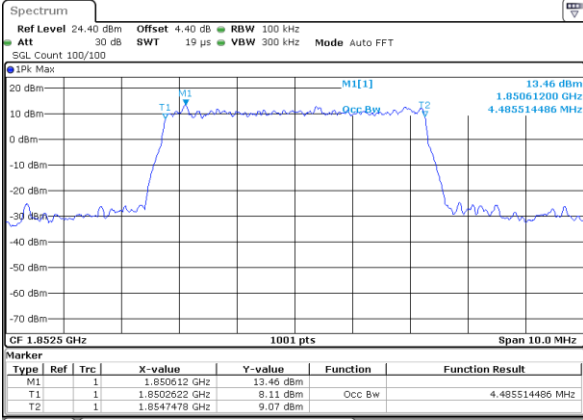


Date: 20.OCT.2017 20:03:34



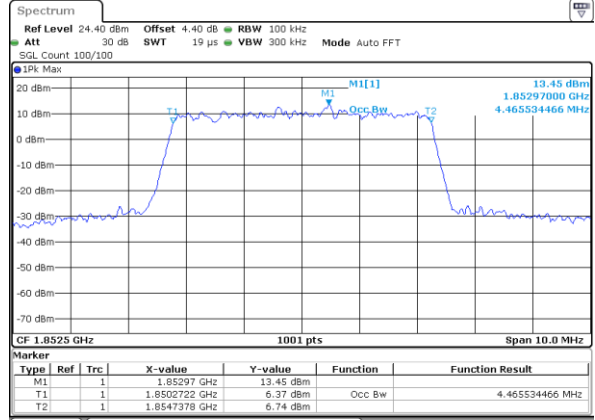
LTE Band 2

Lowest Channel / 5MHz / QPSK



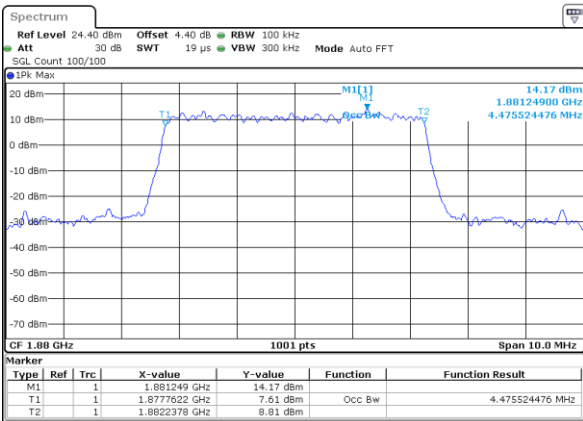
Date: 20.OCT.2017 20:10:24

Lowest Channel / 5MHz / 16QAM



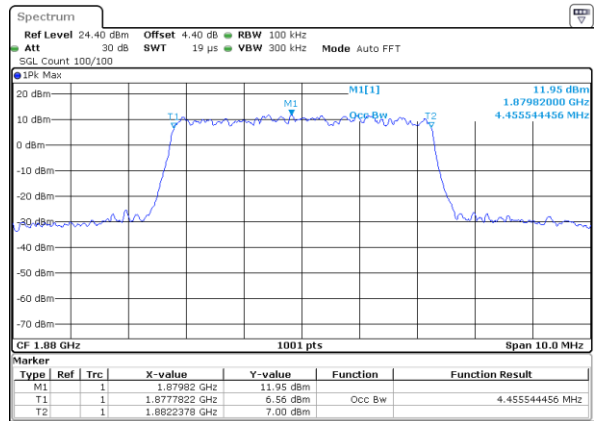
Date: 20.OCT.2017 20:10:35

Middle Channel / 5MHz / QPSK



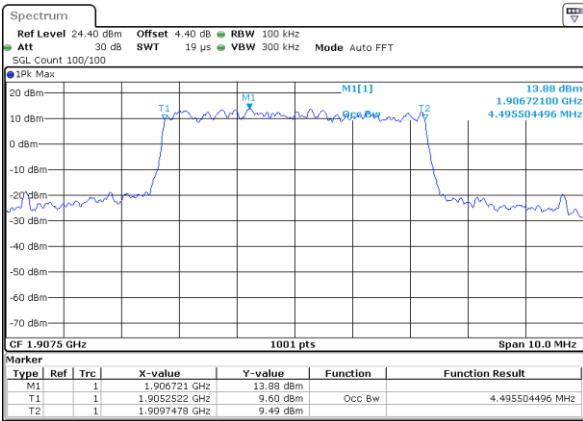
Date: 20.OCT.2017 20:17:25

Middle Channel / 5MHz / 16QAM



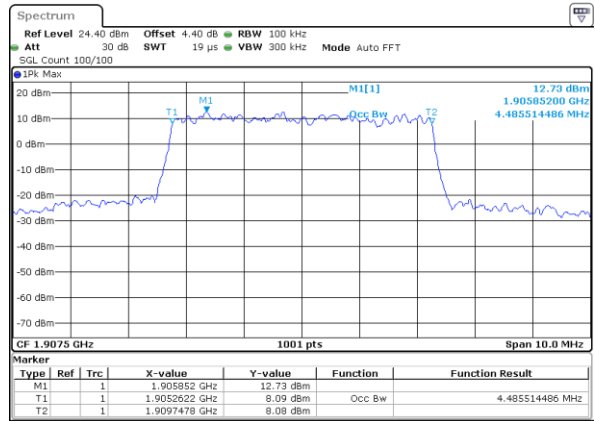
Date: 20.OCT.2017 20:17:35

Highest Channel / 5MHz / QPSK



Date: 20.OCT.2017 20:19:55

Highest Channel / 5MHz / 16QAM

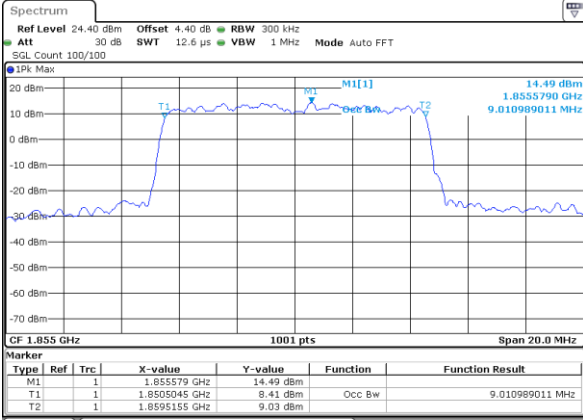


Date: 20.OCT.2017 20:20:05



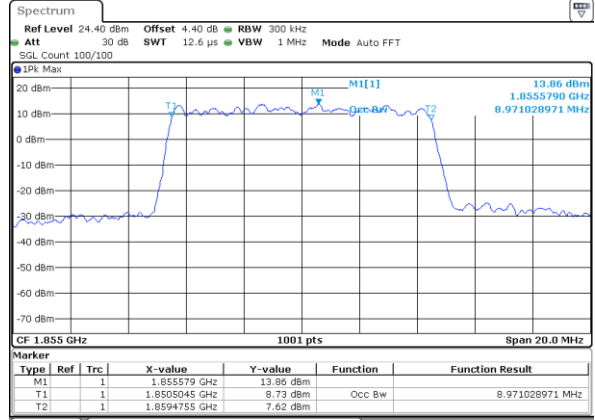
LTE Band 2

Lowest Channel / 10MHz / QPSK



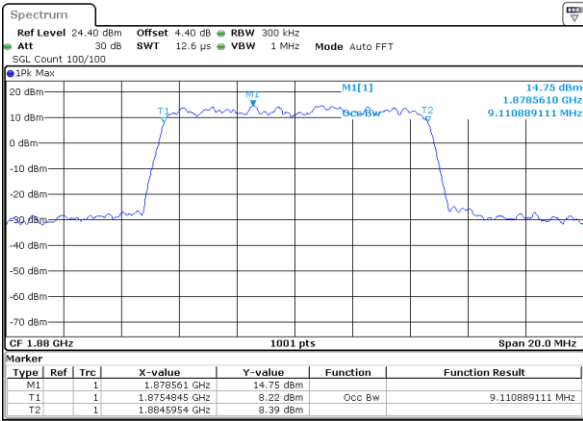
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Lowest Channel / 10MHz / 16QAM



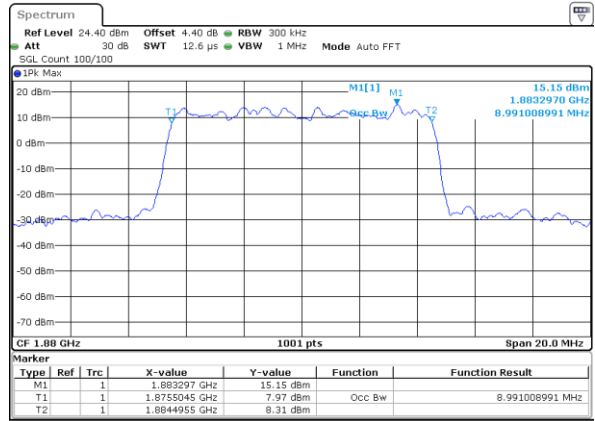
Date: 20 OCT 2017 20:27:06

Middle Channel / 10MHz / QPSK



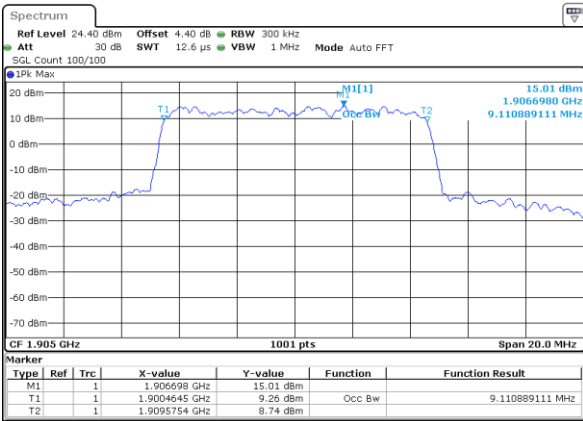
Date: 20 OCT 2017 20:33:56

Middle Channel / 10MHz / 16QAM



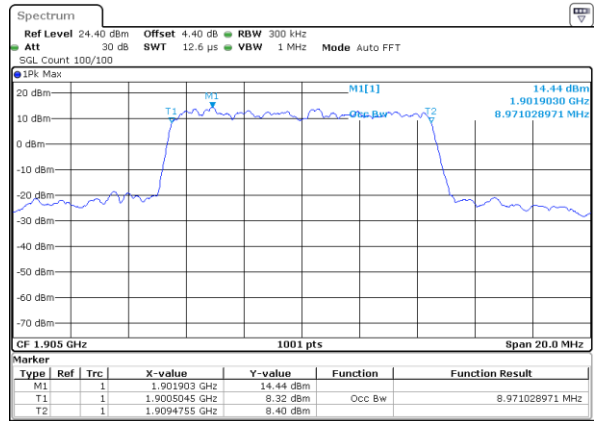
Date: 20 OCT 2017 20:34:06

Highest Channel / 10MHz / QPSK



Date: 20 OCT 2017 20:36:26

Highest Channel / 10MHz / 16QAM



Date: 20 OCT 2017 20:36:36