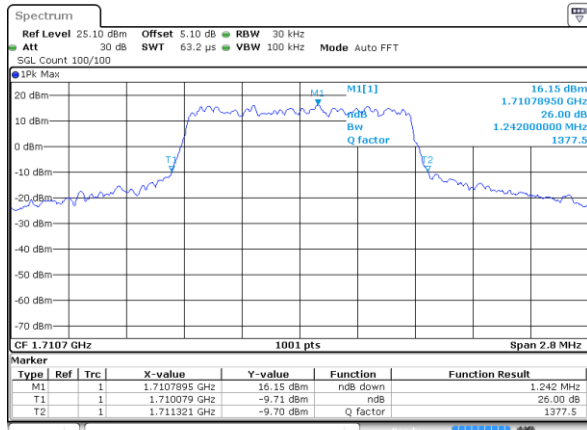




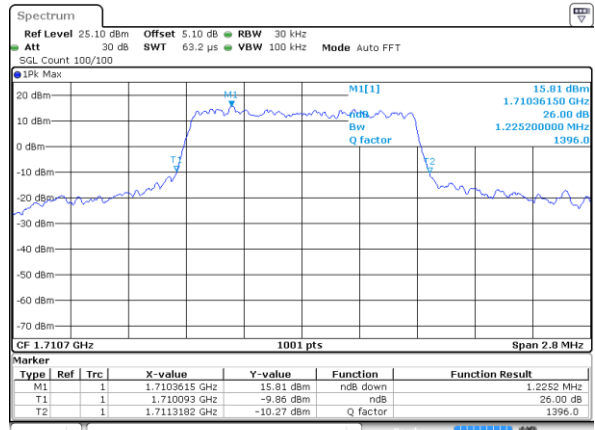
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



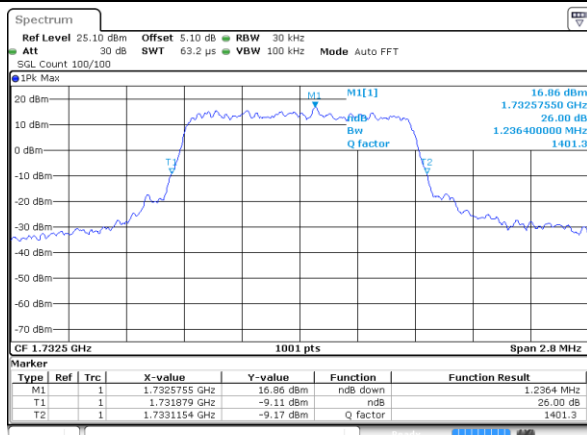
Date: 17 JUL 2017 16:47:03

Lowest Channel / 1.4MHz / 16QAM



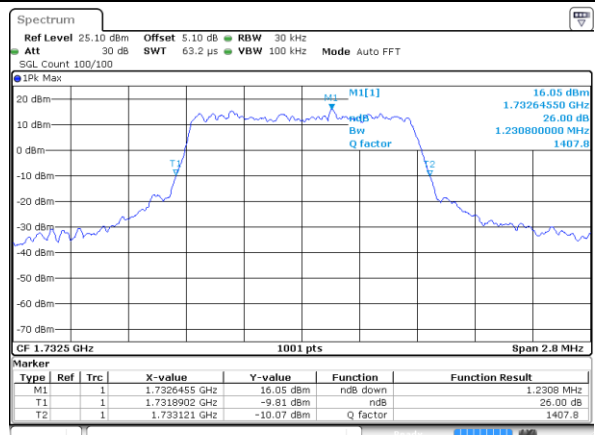
Date: 17 JUL 2017 16:47:13

Middle Channel / 1.4MHz / QPSK



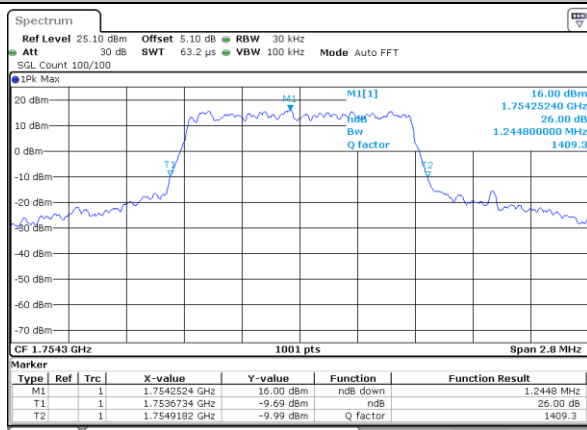
Date: 17 JUL 2017 16:54:08

Middle Channel / 1.4MHz / 16QAM



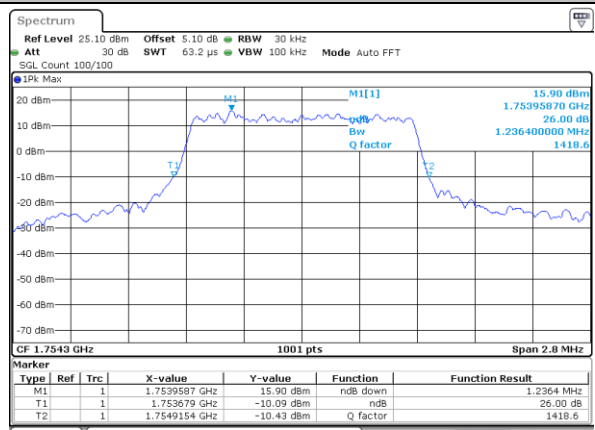
Date: 17 JUL 2017 16:54:18

Highest Channel / 1.4MHz / QPSK



Date: 17 JUL 2017 16:56:41

Highest Channel / 1.4MHz / 16QAM

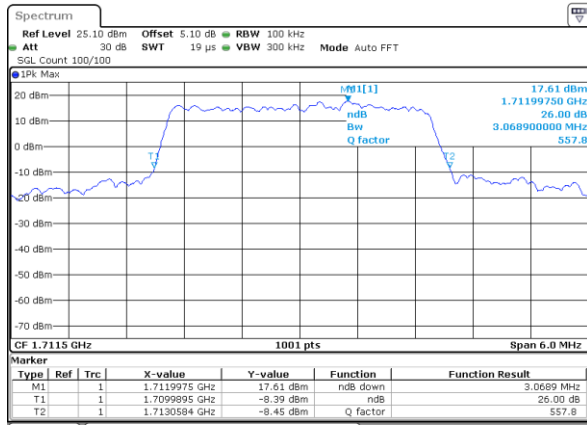


Date: 17 JUL 2017 16:56:51

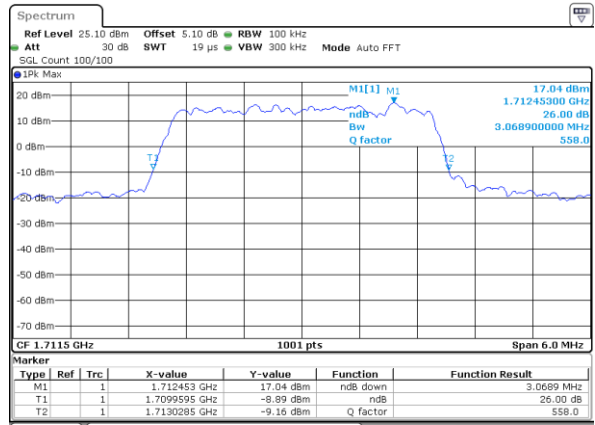


LTE Band 4

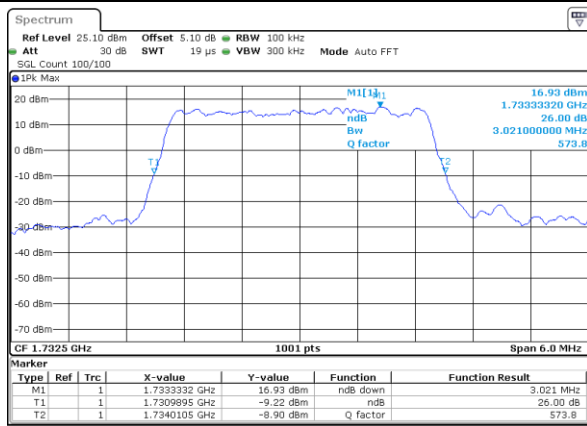
Lowest Channel / 3MHz / QPSK



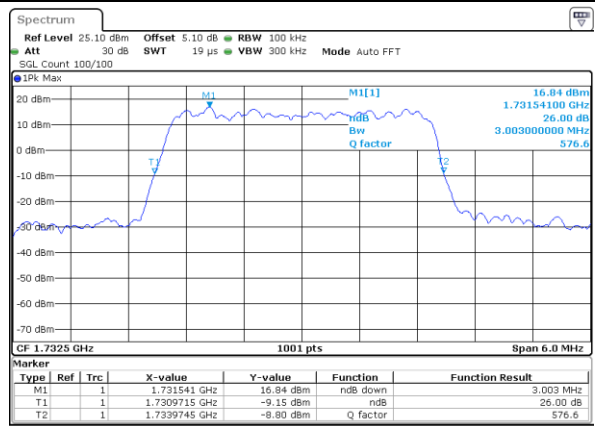
Lowest Channel / 3MHz / 16QAM



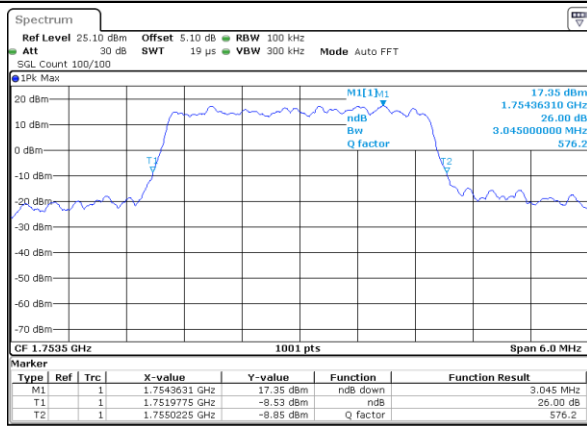
Middle Channel / 3MHz / QPSK



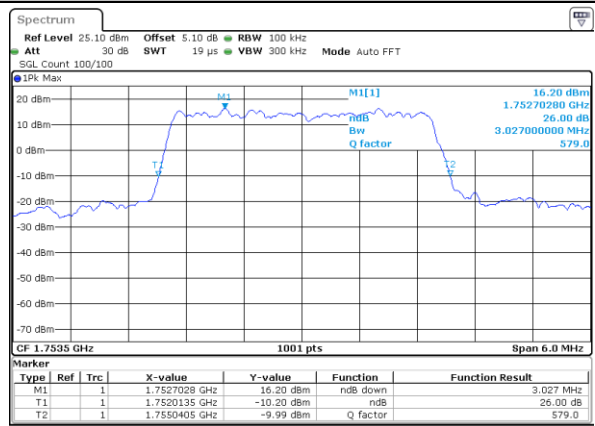
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



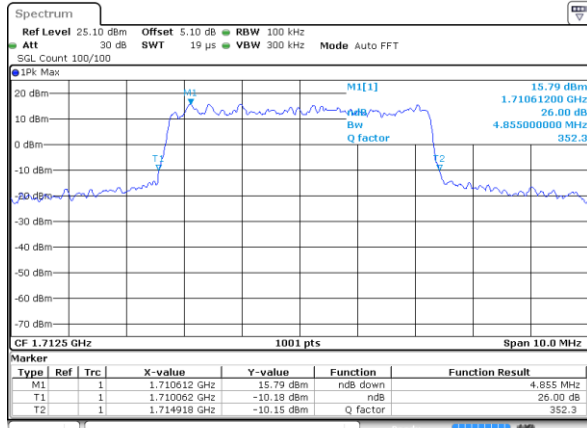
Highest Channel / 3MHz / 16QAM





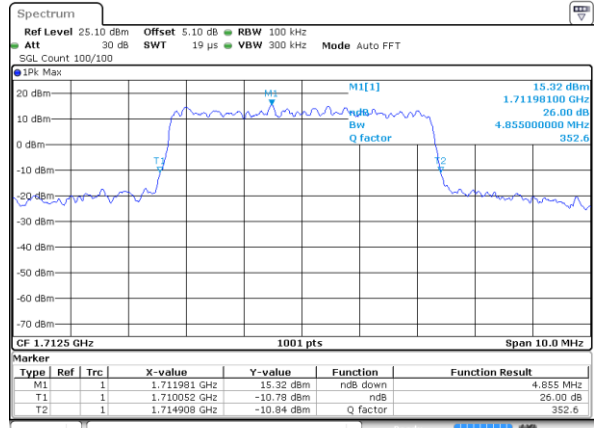
LTE Band 4

Lowest Channel / 5MHz / QPSK



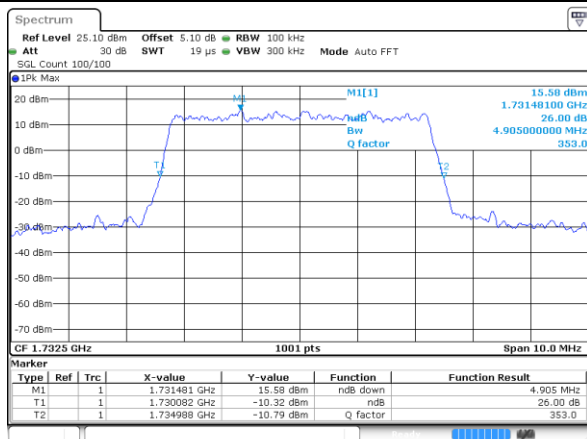
Date: 17 JUL 2017 17:06:53

Lowest Channel / 5MHz / 16QAM



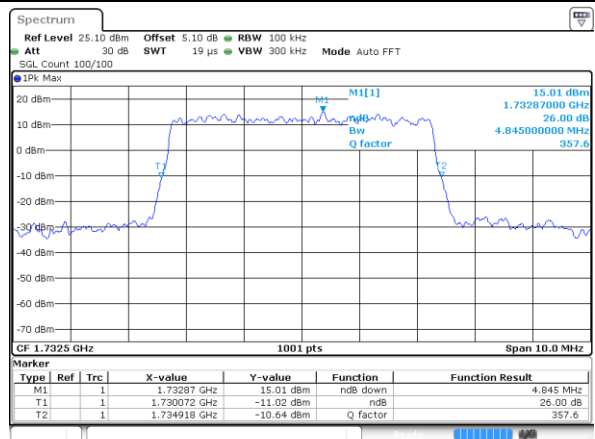
Date: 17 JUL 2017 17:07:04

Middle Channel / 5MHz / QPSK



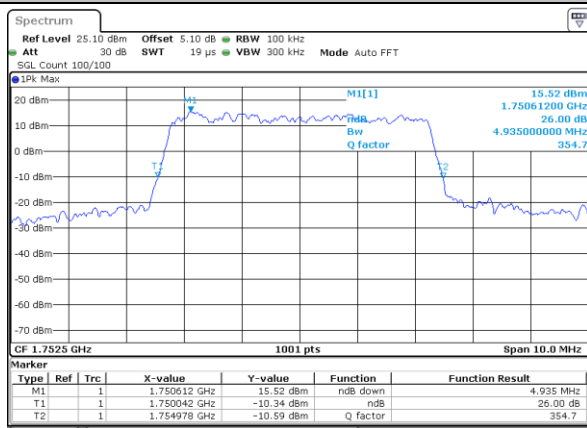
Date: 17 JUL 2017 17:09:26

Middle Channel / 5MHz / 16QAM



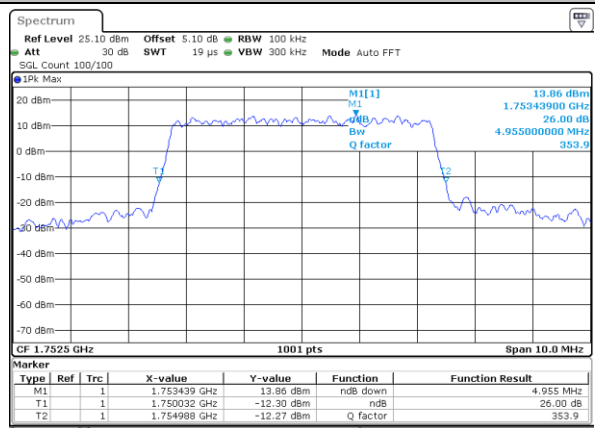
Date: 17 JUL 2017 17:09:37

Highest Channel / 5MHz / QPSK



Date: 17 JUL 2017 17:11:59

Highest Channel / 5MHz / 16QAM

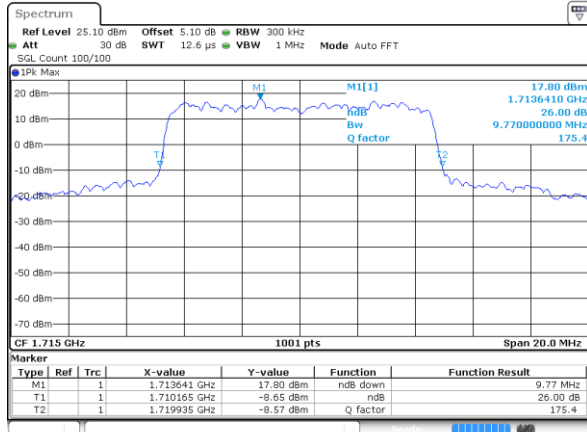


Date: 17 JUL 2017 17:12:10

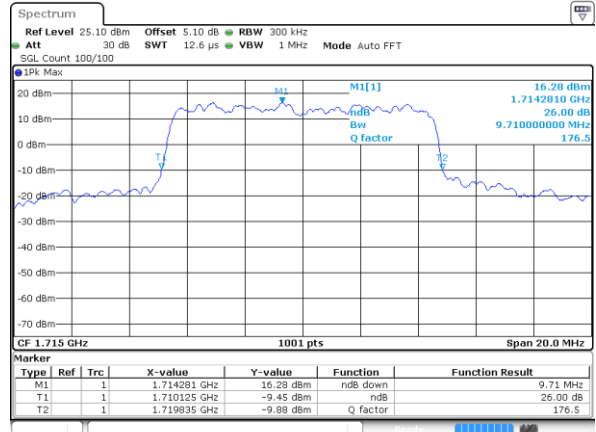


LTE Band 4

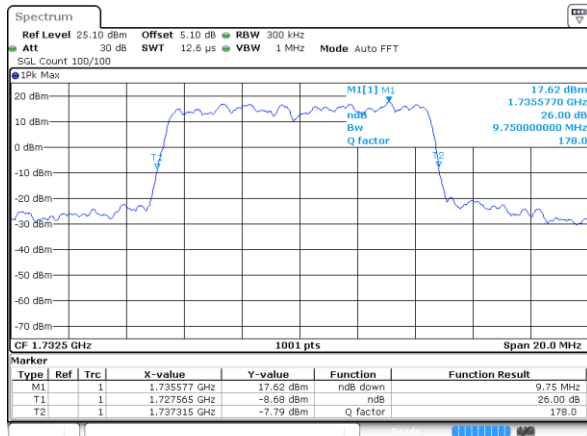
Lowest Channel / 10MHz / QPSK



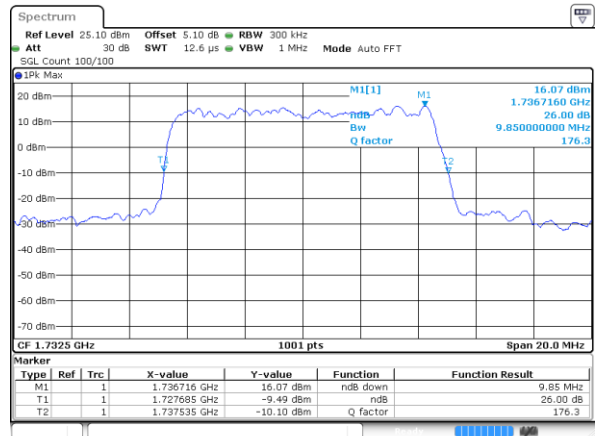
Lowest Channel / 10MHz / 16QAM



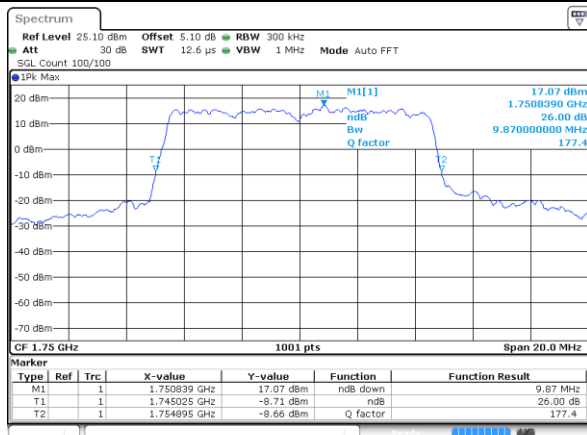
Middle Channel / 10MHz / QPSK



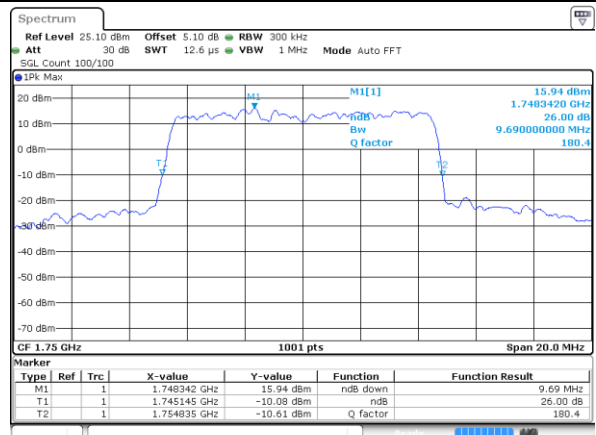
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



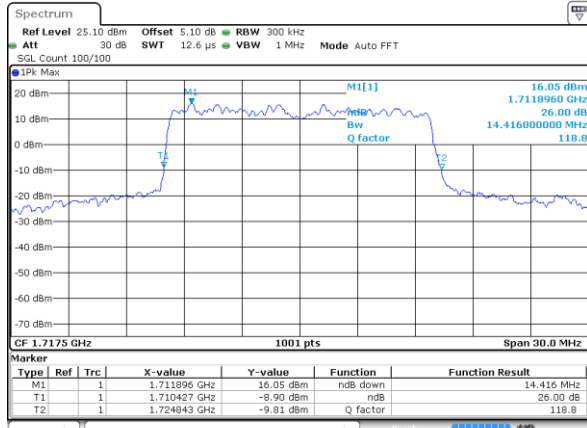
Highest Channel / 10MHz / 16QAM





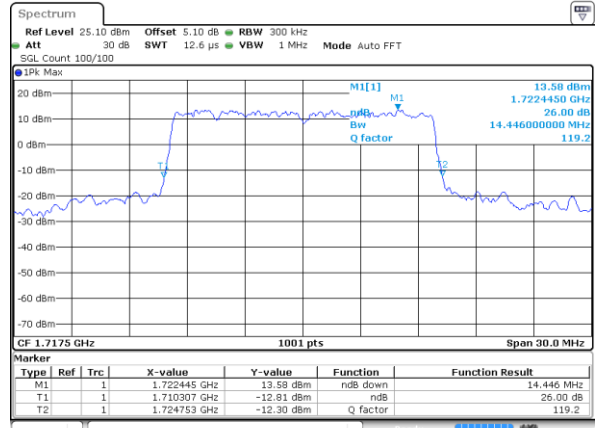
LTE Band 4

Lowest Channel / 15MHz / QPSK



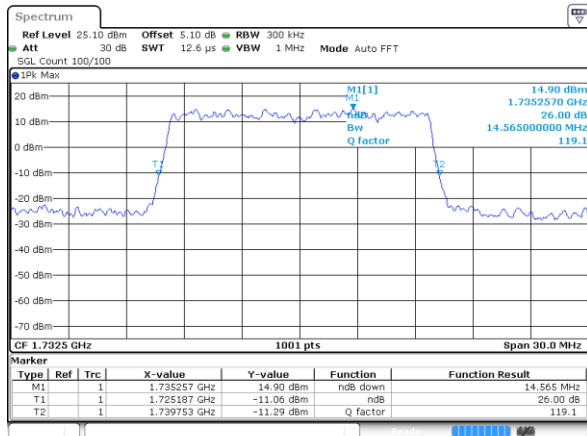
Date: 17 JUL 2017 17:35:47

Lowest Channel / 15MHz / 16QAM



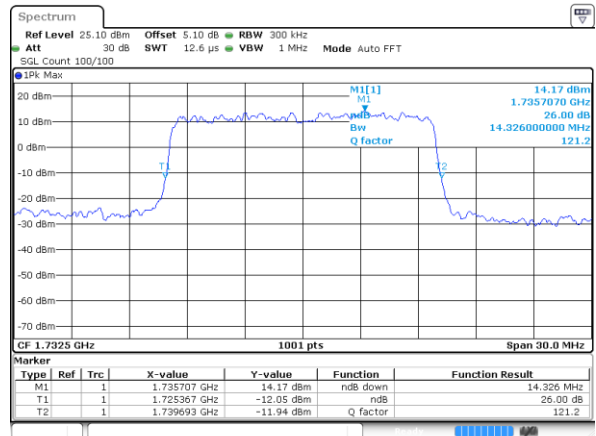
Date: 17 JUL 2017 17:35:58

Middle Channel / 15MHz / QPSK



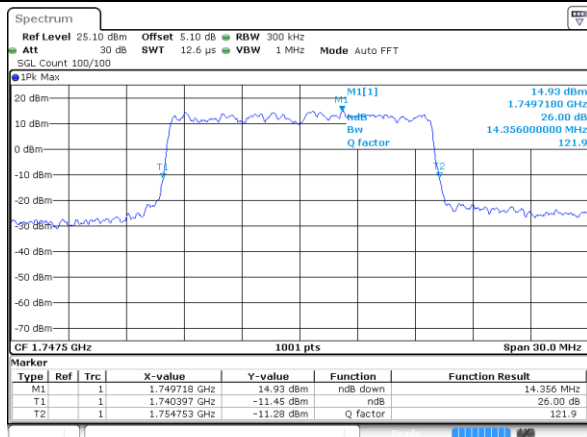
Date: 17 JUL 2017 17:42:53

Middle Channel / 15MHz / 16QAM



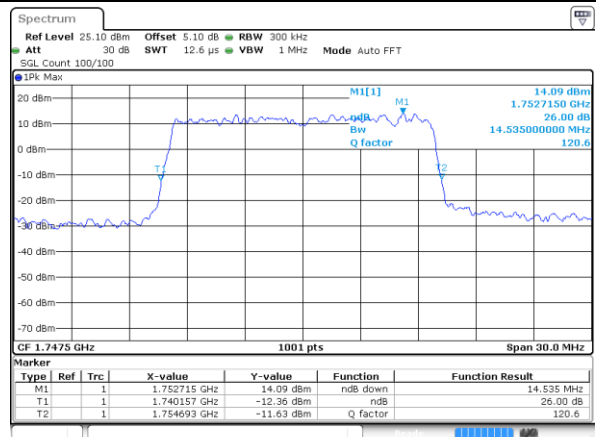
Date: 17 JUL 2017 17:43:03

Highest Channel / 15MHz / QPSK



Date: 17 JUL 2017 17:45:26

Highest Channel / 15MHz / 16QAM

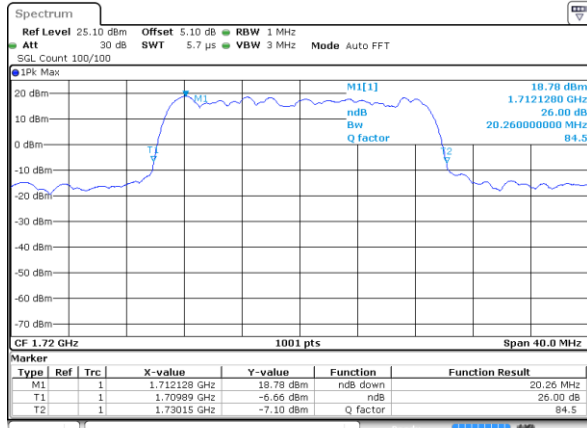


Date: 17 JUL 2017 17:45:37

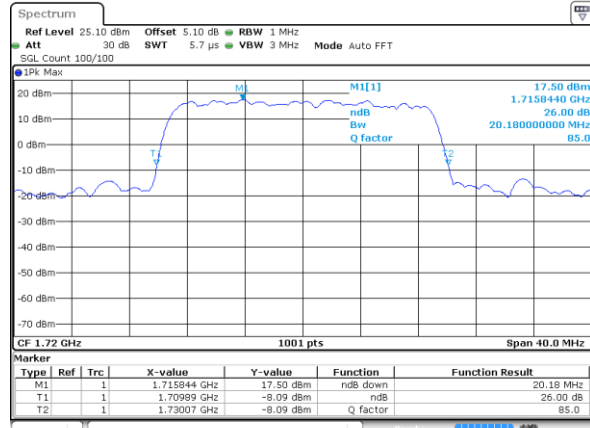


LTE Band 4

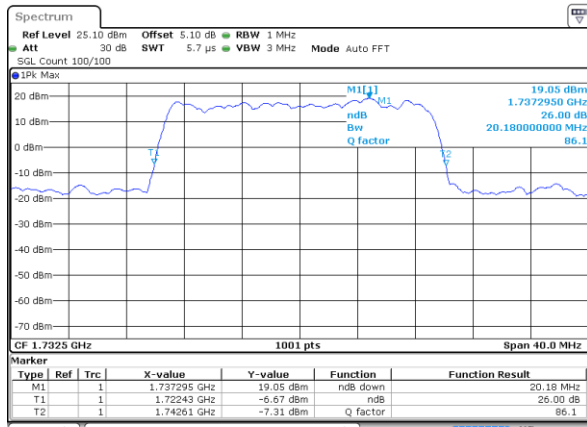
Lowest Channel / 20MHz / QPSK



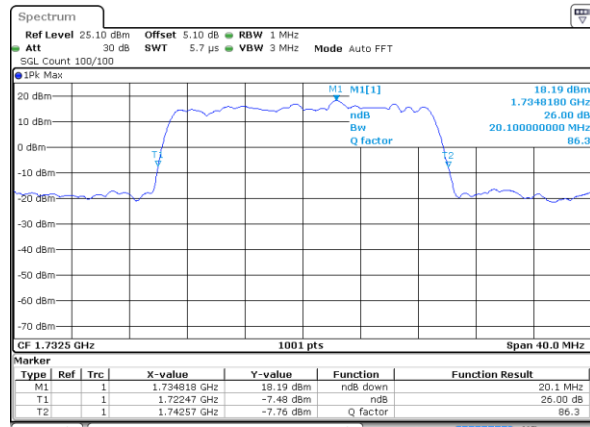
Lowest Channel / 20MHz / 16QAM



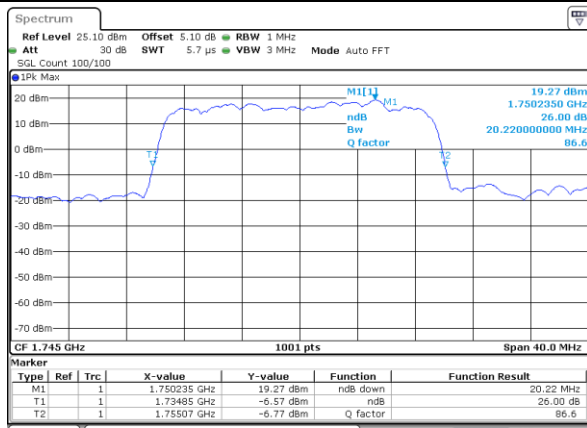
Middle Channel / 20MHz / QPSK



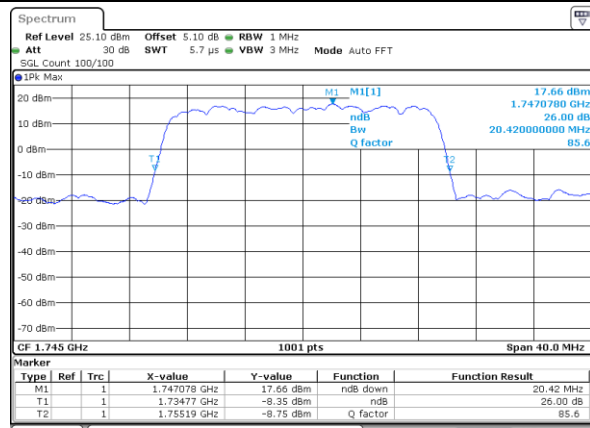
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



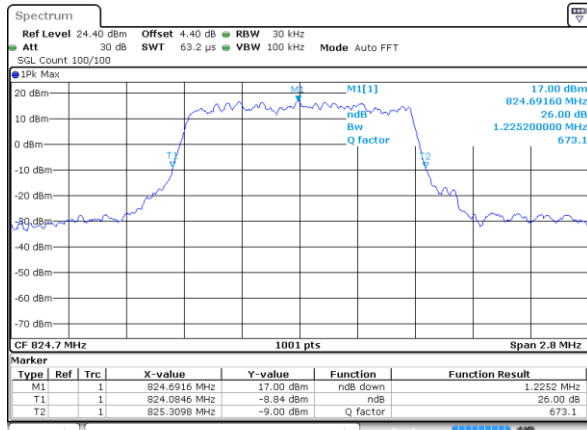
Highest Channel / 20MHz / 16QAM





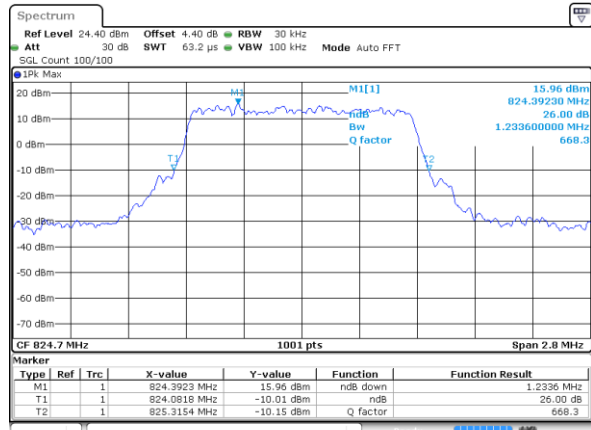
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



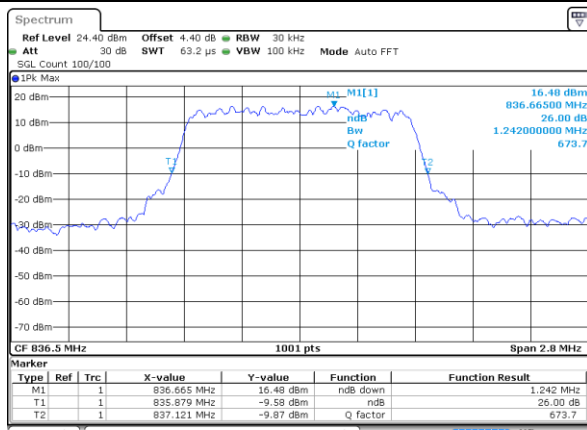
Date: 15 JUL 2017 14:53:46

Lowest Channel / 1.4MHz / 16QAM



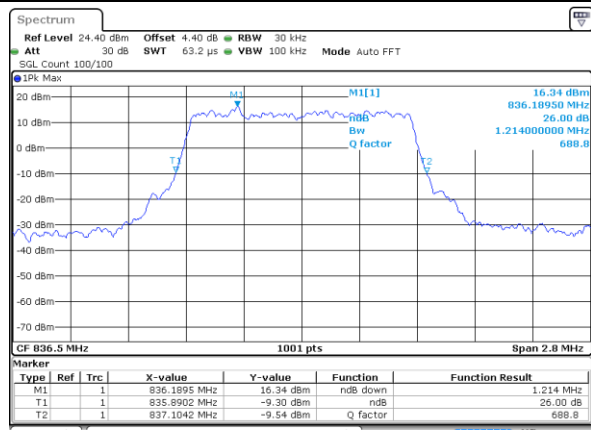
Date: 15 JUL 2017 14:53:36

Middle Channel / 1.4MHz / QPSK



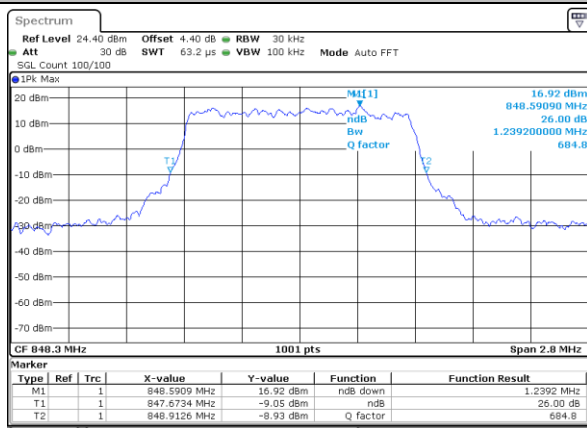
Date: 15 JUL 2017 15:02:35

Middle Channel / 1.4MHz / 16QAM



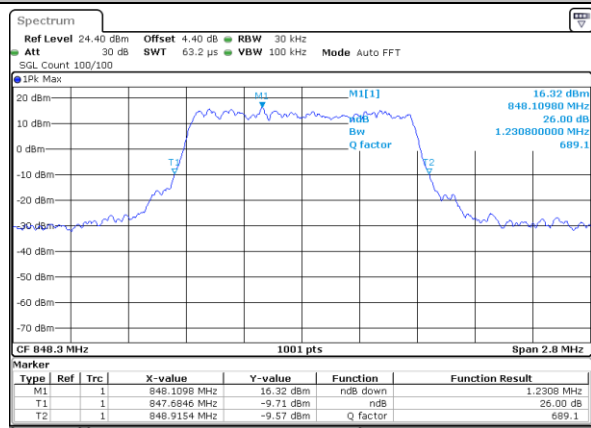
Date: 15 JUL 2017 15:02:45

Highest Channel / 1.4MHz / QPSK



Date: 15 JUL 2017 15:05:04

Highest Channel / 1.4MHz / 16QAM

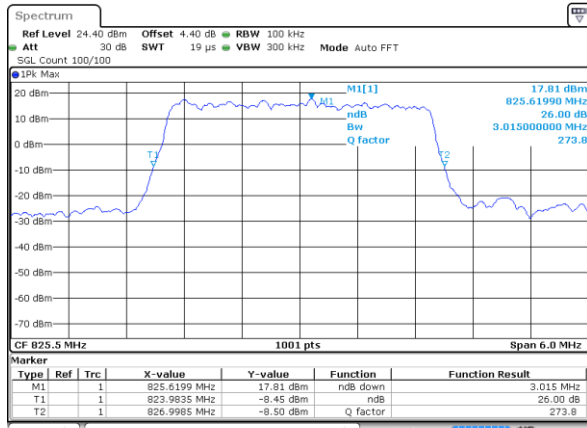


Date: 15 JUL 2017 15:05:14



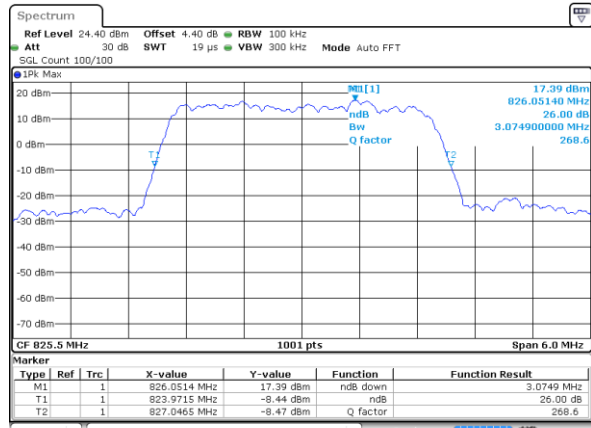
LTE Band 5

Lowest Channel / 3MHz / QPSK



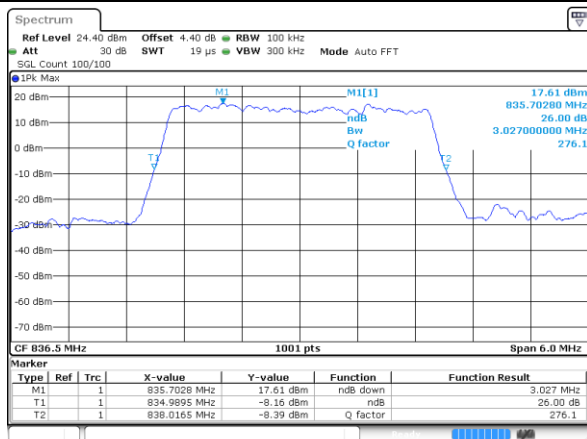
Date: 15 JUL 2017 15:14:02

Lowest Channel / 3MHz / 16QAM



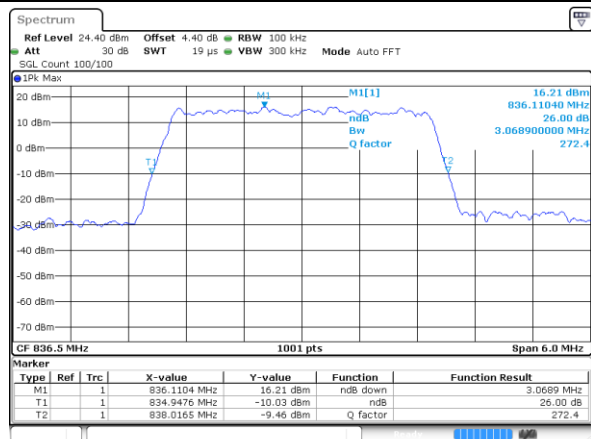
Date: 15 JUL 2017 15:14:12

Middle Channel / 3MHz / QPSK



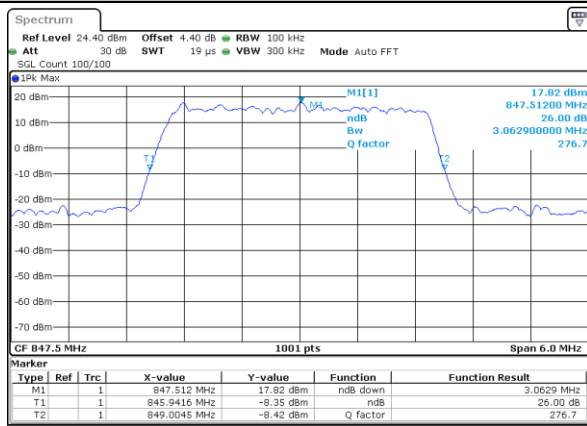
Date: 15 JUL 2017 15:23:00

Middle Channel / 3MHz / 16QAM



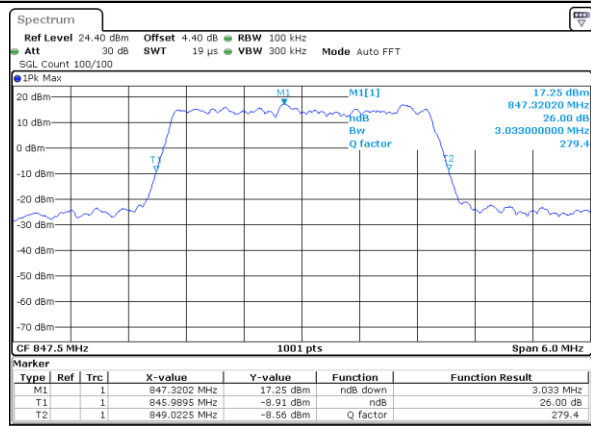
Date: 15 JUL 2017 15:23:10

Highest Channel / 3MHz / QPSK



Date: 15 JUL 2017 15:25:28

Highest Channel / 3MHz / 16QAM

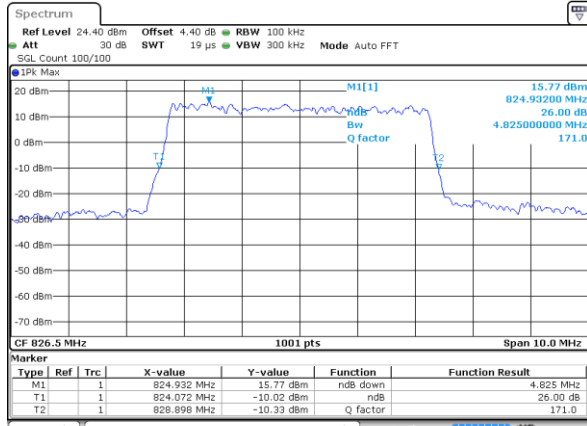


Date: 15 JUL 2017 15:25:38



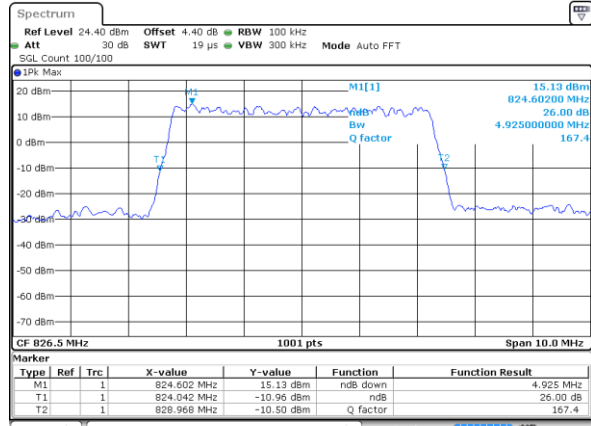
LTE Band 5

Lowest Channel / 5MHz / QPSK



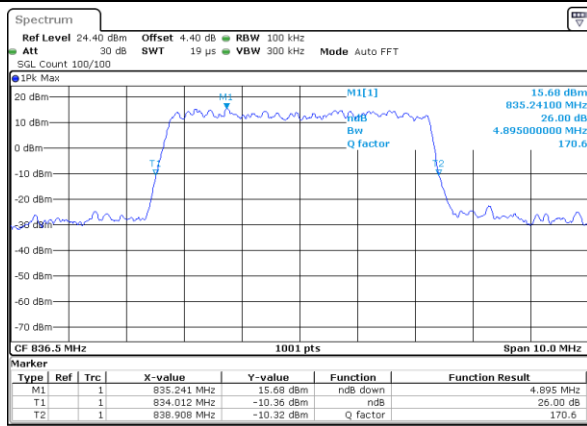
Date: 15 JUL 2017 15:34:28

Lowest Channel / 5MHz / 16QAM



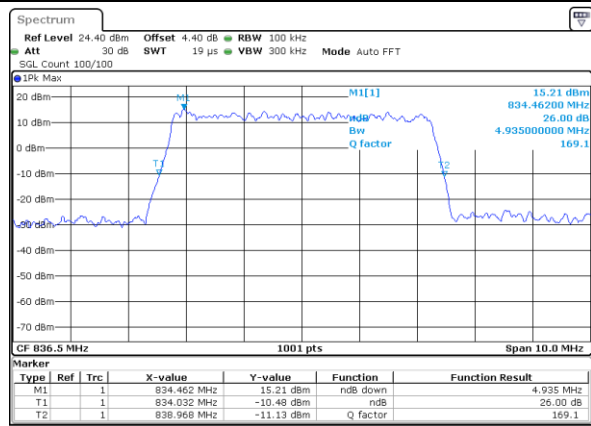
Date: 15 JUL 2017 15:34:36

Middle Channel / 5MHz / QPSK



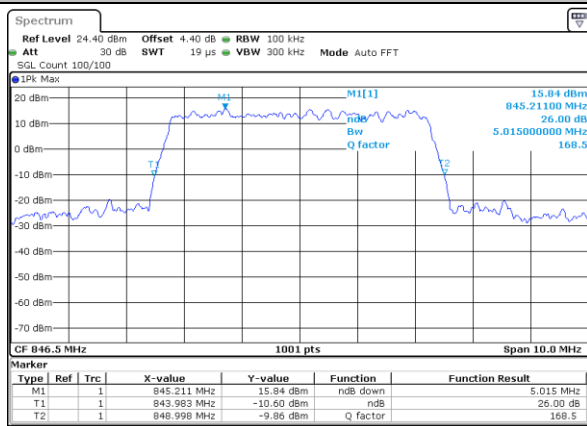
Date: 15 JUL 2017 15:43:24

Middle Channel / 5MHz / 16QAM



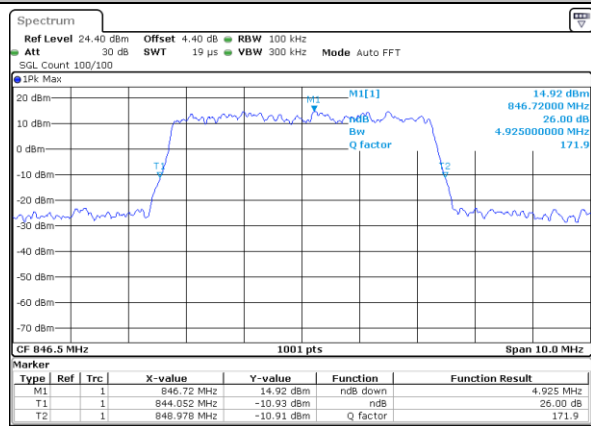
Date: 15 JUL 2017 15:43:34

Highest Channel / 5MHz / QPSK



Date: 15 JUL 2017 15:45:52

Highest Channel / 5MHz / 16QAM

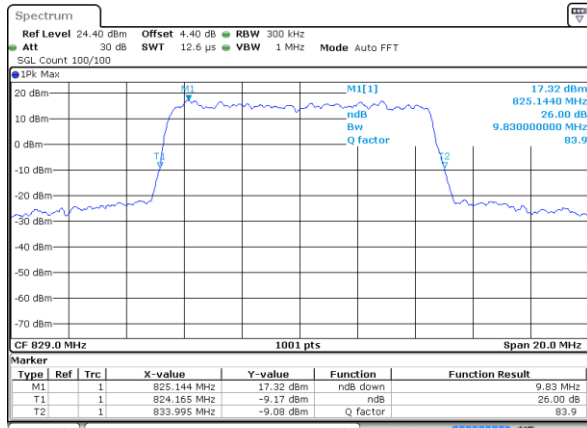


Date: 15 JUL 2017 15:46:02



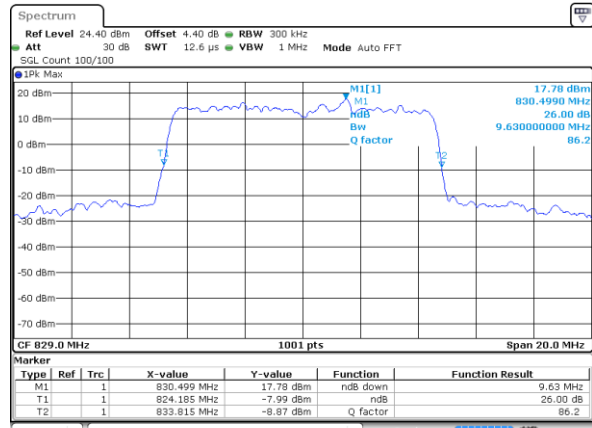
LTE Band 5

Lowest Channel / 10MHz / QPSK



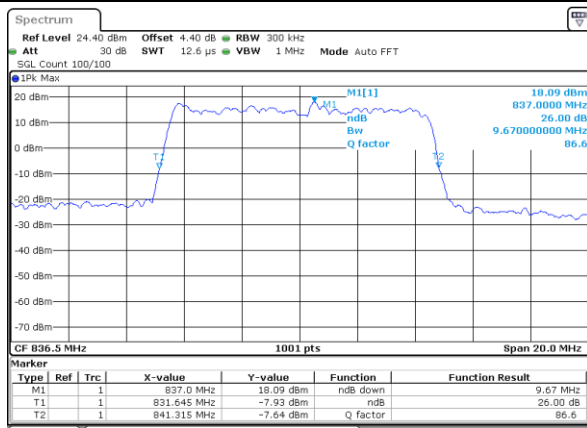
Date: 15 JUL 2017 15:54:50

Lowest Channel / 10MHz / 16QAM



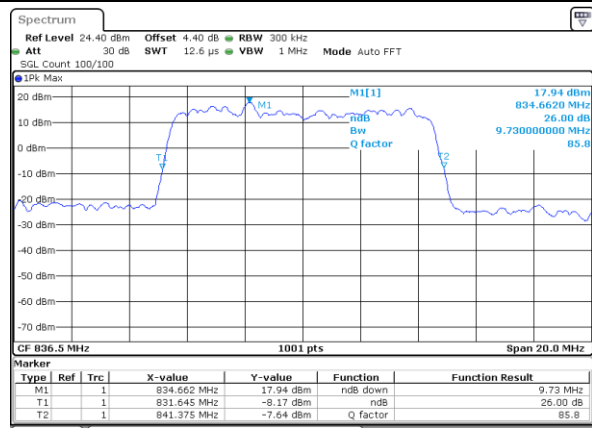
Date: 15 JUL 2017 15:55:00

Middle Channel / 10MHz / QPSK



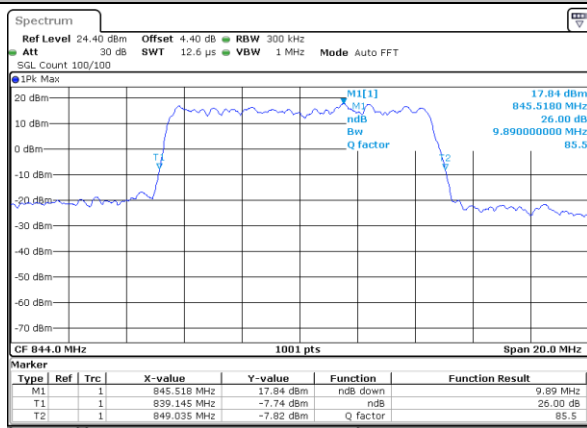
Date: 15 JUL 2017 16:03:48

Middle Channel / 10MHz / 16QAM



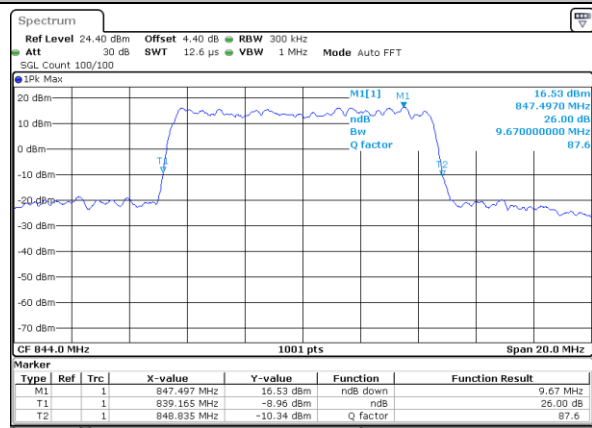
Date: 15 JUL 2017 16:03:58

Highest Channel / 10MHz / QPSK



Date: 15 JUL 2017 16:06:16

Highest Channel / 10MHz / 16QAM

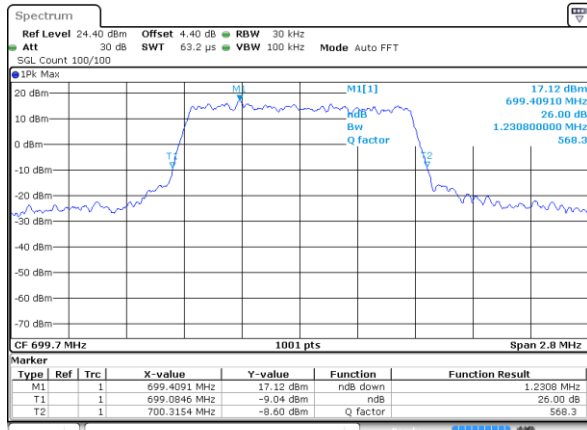


Date: 15 JUL 2017 16:06:26



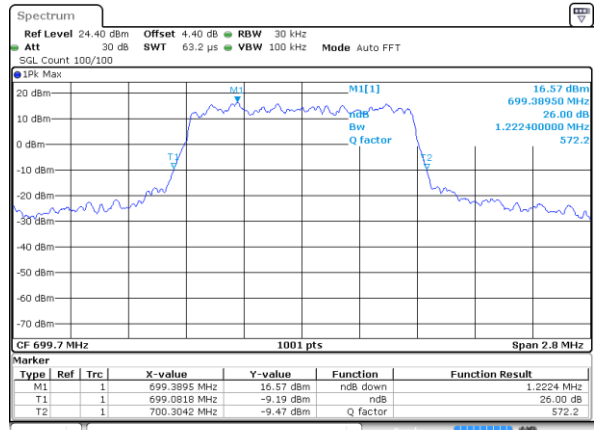
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



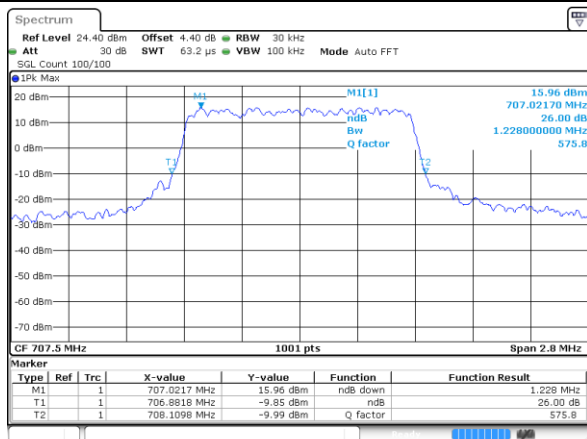
Date: 18 JUL 2017 10:06:49

Lowest Channel / 1.4MHz / 16QAM



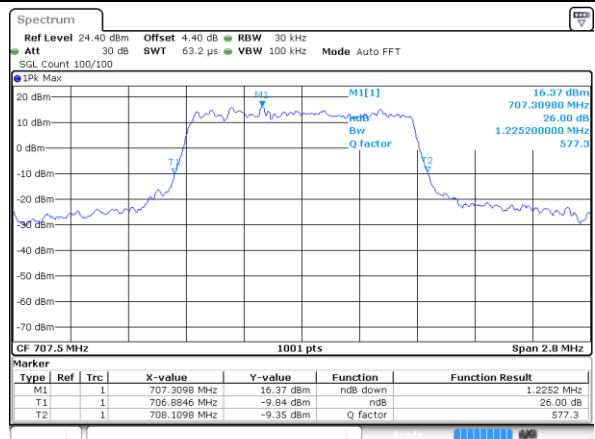
Date: 18 JUL 2017 10:06:38

Middle Channel / 1.4MHz / QPSK



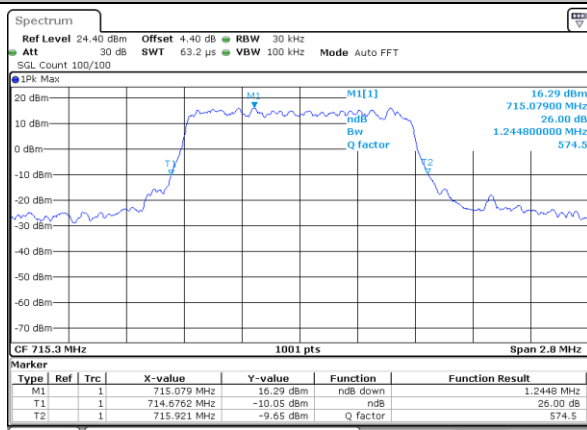
Date: 18 JUL 2017 10:06:17

Middle Channel / 1.4MHz / 16QAM



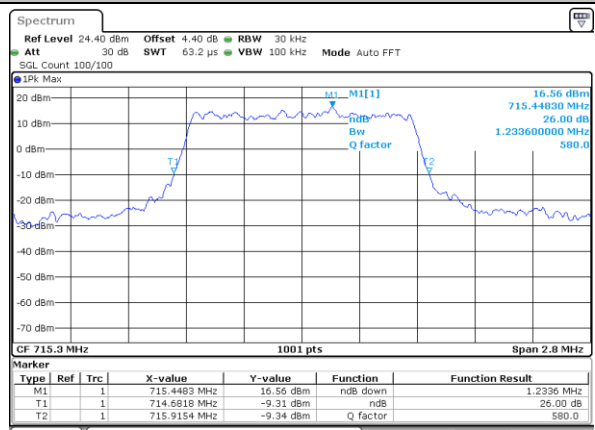
Date: 18 JUL 2017 10:06:28

Highest Channel / 1.4MHz / QPSK



Date: 18 JUL 2017 10:06:06

Highest Channel / 1.4MHz / 16QAM

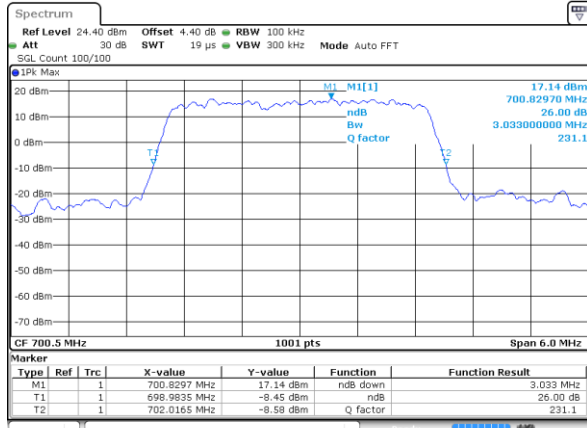


Date: 18 JUL 2017 10:05:56

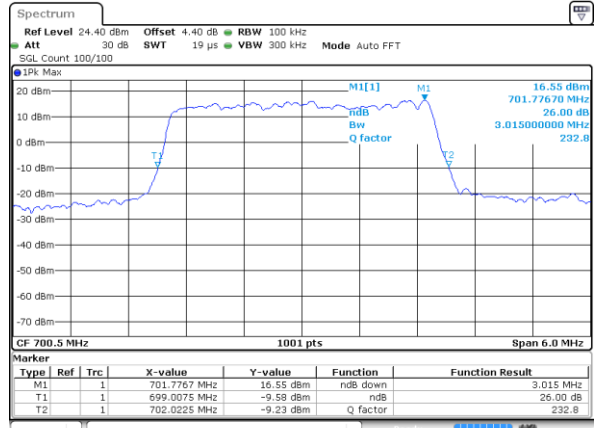


LTE Band 12

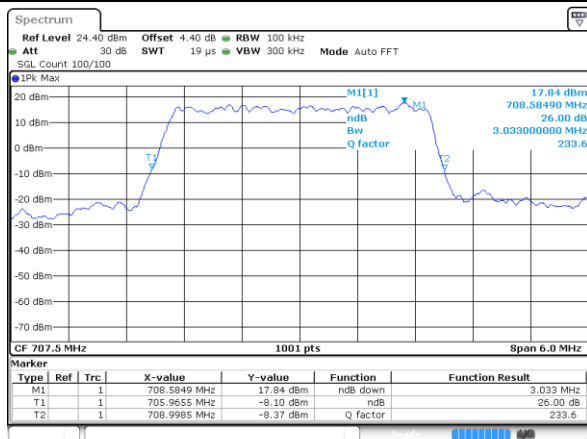
Lowest Channel / 3MHz / QPSK



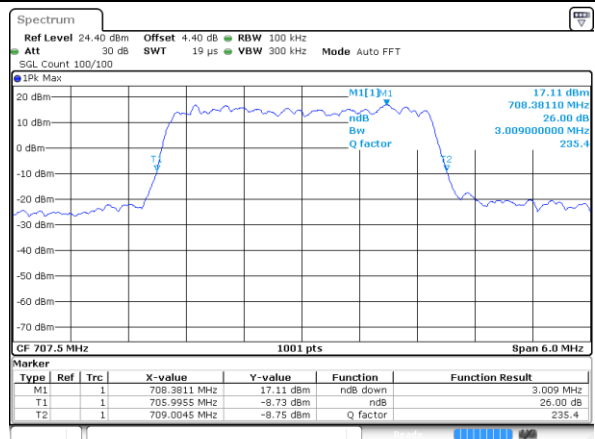
Lowest Channel / 3MHz / 16QAM



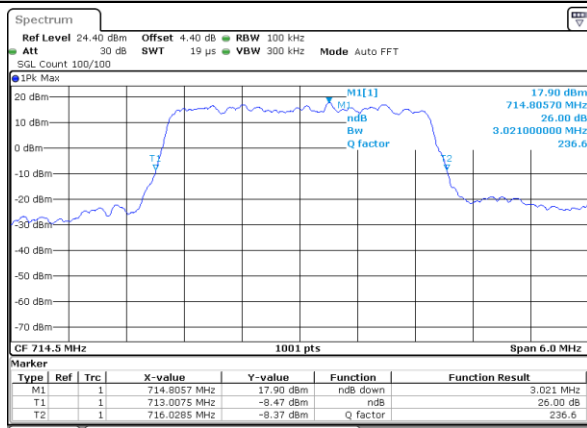
Middle Channel / 3MHz / QPSK



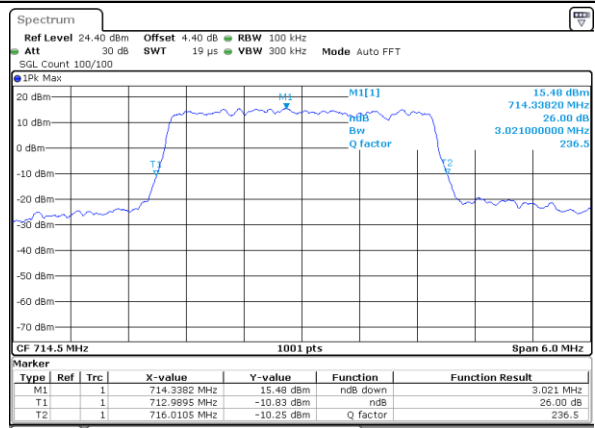
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



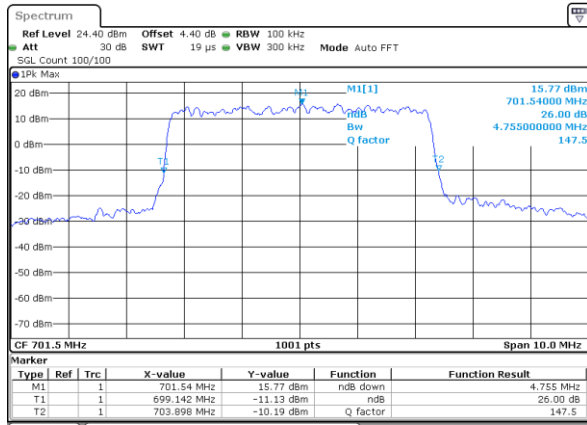
Highest Channel / 3MHz / 16QAM





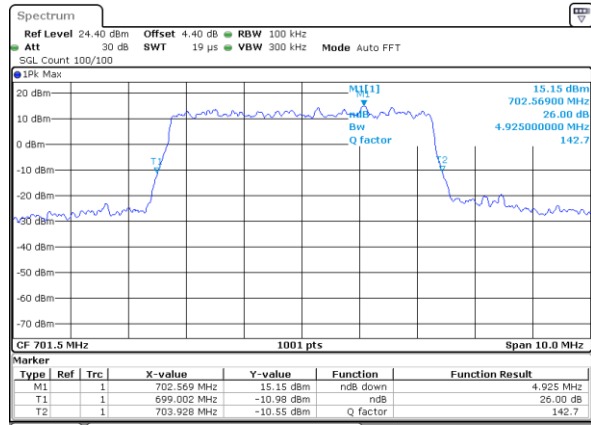
LTE Band 12

Lowest Channel / 5MHz / QPSK



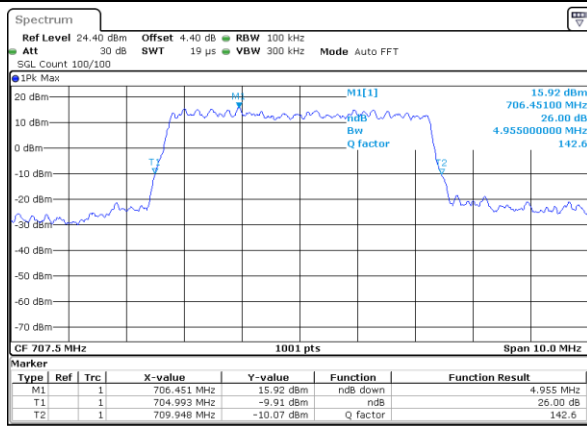
Date: 18 JUL 2017 10:40:14

Lowest Channel / 5MHz / 16QAM



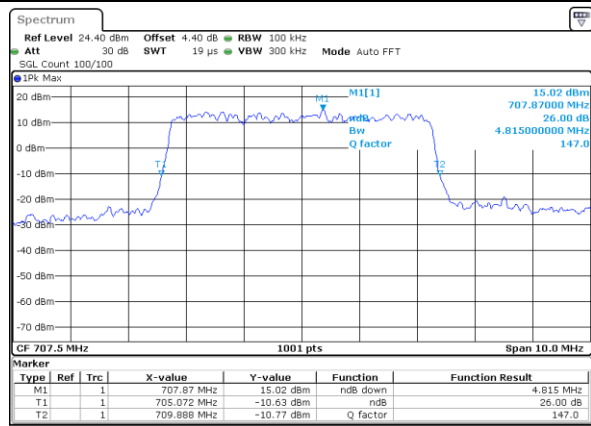
Date: 18 JUL 2017 10:40:03

Middle Channel / 5MHz / QPSK



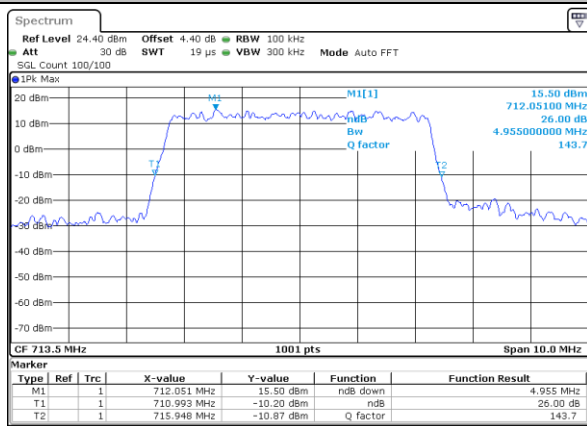
Date: 18 JUL 2017 10:39:42

Middle Channel / 5MHz / 16QAM



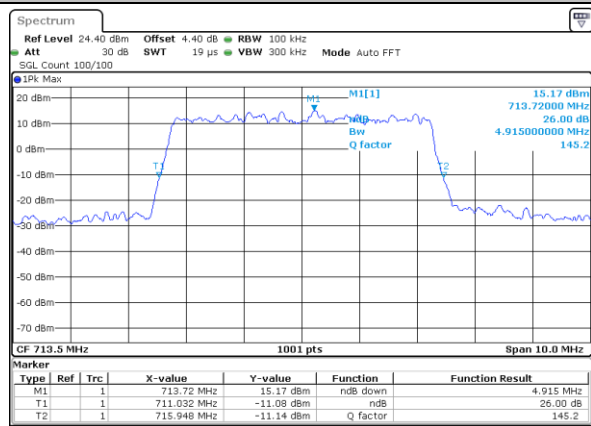
Date: 18 JUL 2017 10:39:53

Highest Channel / 5MHz / QPSK



Date: 18 JUL 2017 10:39:32

Highest Channel / 5MHz / 16QAM

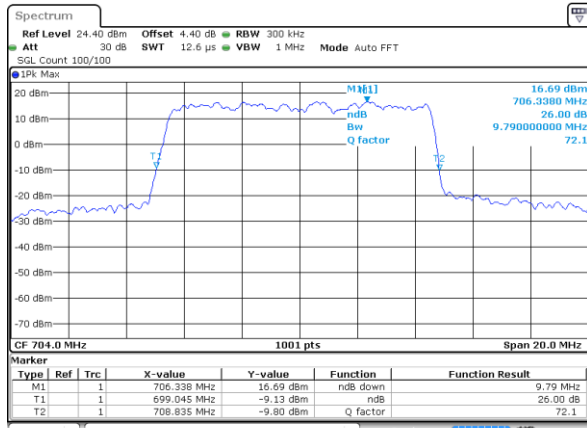


Date: 18 JUL 2017 10:39:21



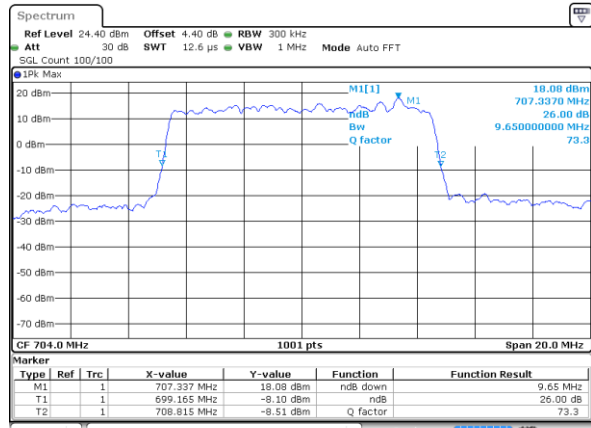
LTE Band 12

Lowest Channel / 10MHz / QPSK



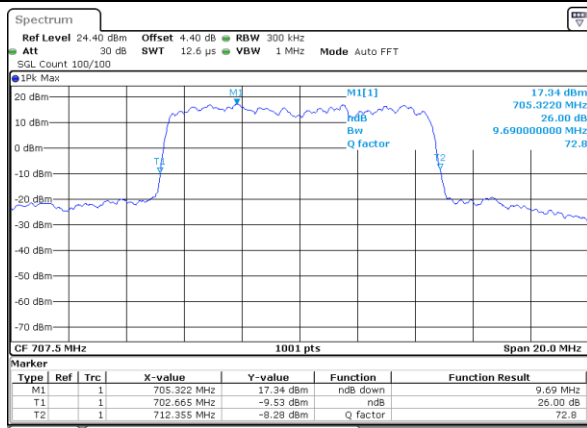
Date: 18 JUL 2017 10:56:56

Lowest Channel / 10MHz / 16QAM



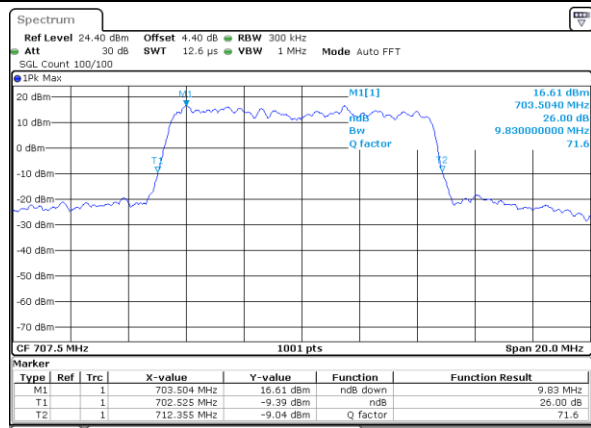
Date: 18 JUL 2017 10:56:45

Middle Channel / 10MHz / QPSK



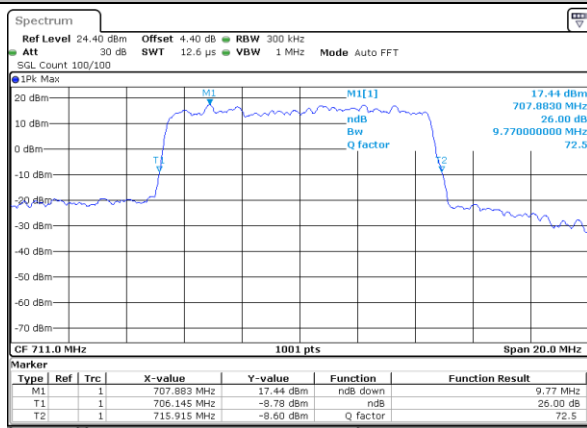
Date: 18 JUL 2017 10:56:24

Middle Channel / 10MHz / 16QAM



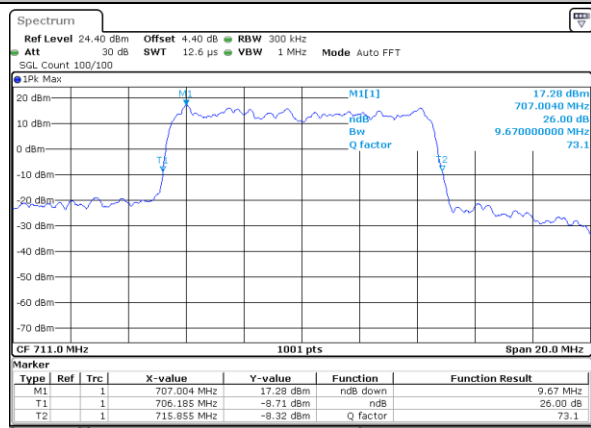
Date: 18 JUL 2017 10:56:35

Highest Channel / 10MHz / QPSK



Date: 18 JUL 2017 10:56:14

Highest Channel / 10MHz / 16QAM

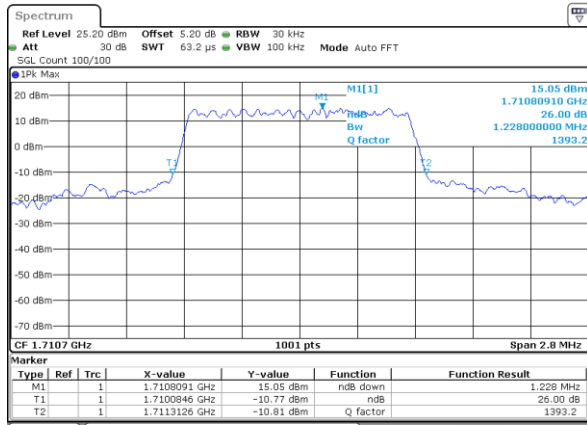


Date: 18 JUL 2017 10:56:03

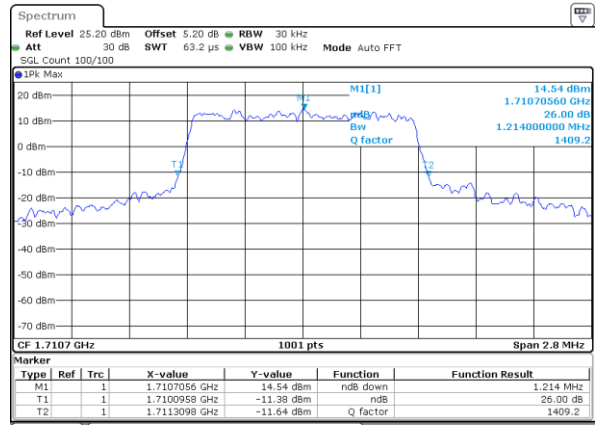


LTE Band 66

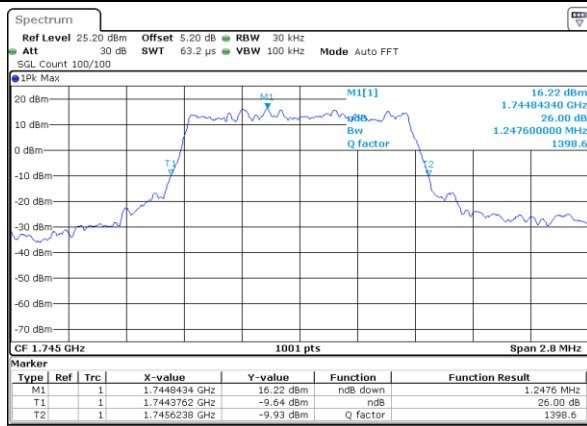
Lowest Channel / 1.4MHz / QPSK



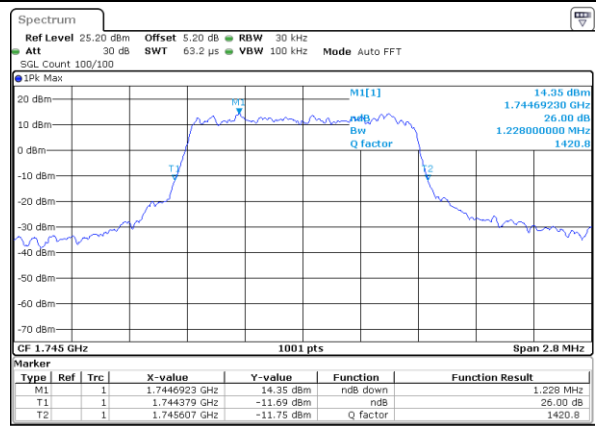
Lowest Channel / 1.4MHz / 16QAM



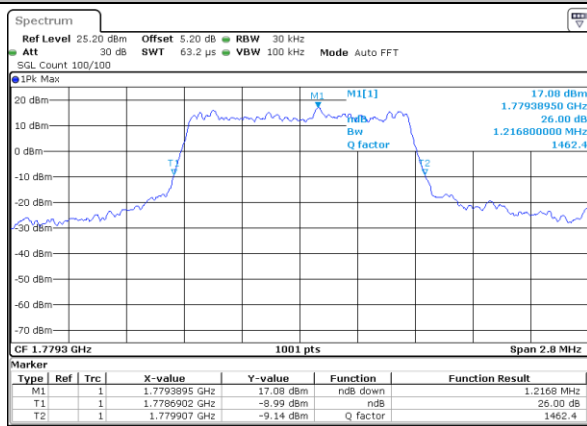
Middle Channel / 1.4MHz / QPSK



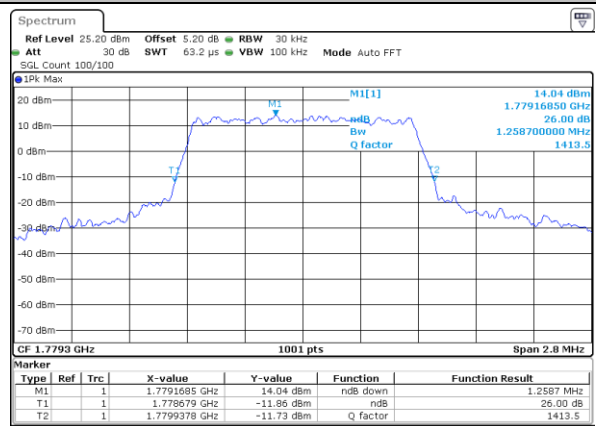
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



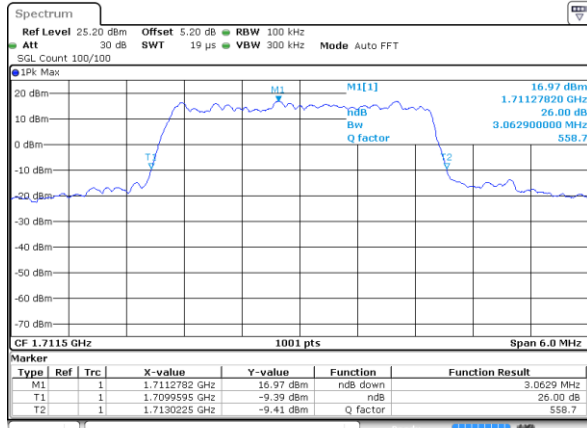
Highest Channel / 1.4MHz / 16QAM





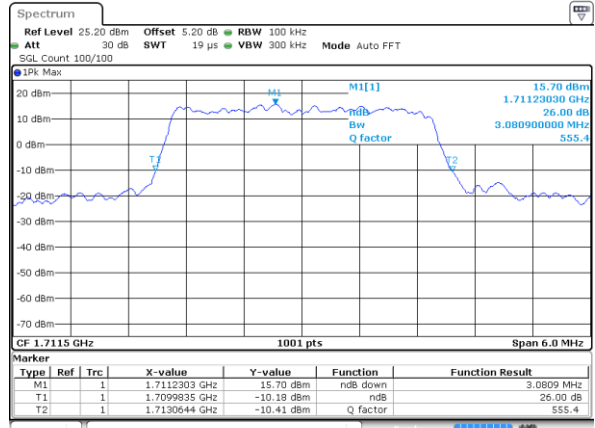
LTE Band 66

Lowest Channel / 3MHz / QPSK



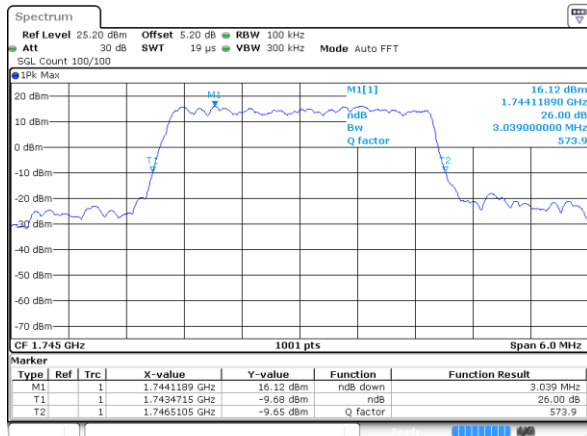
Date: 27 JUL 2017 11:10:22

Lowest Channel / 3MHz / 16QAM



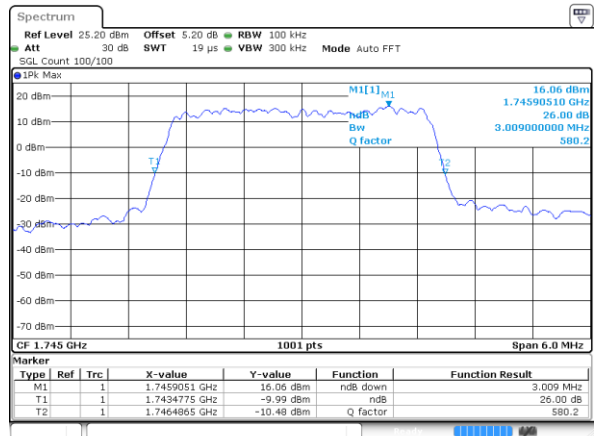
Date: 27 JUL 2017 11:10:51

Middle Channel / 3MHz / QPSK



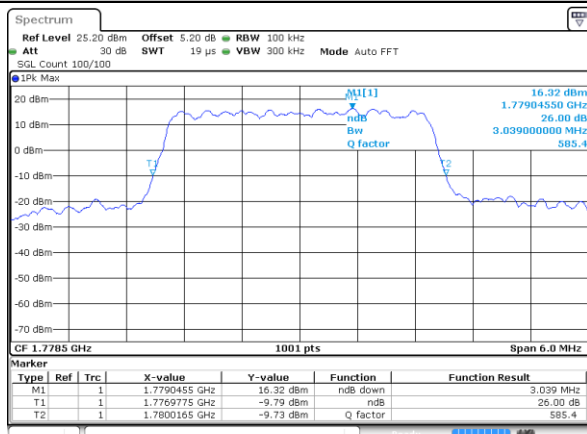
Date: 27 JUL 2017 11:47:36

Middle Channel / 3MHz / 16QAM



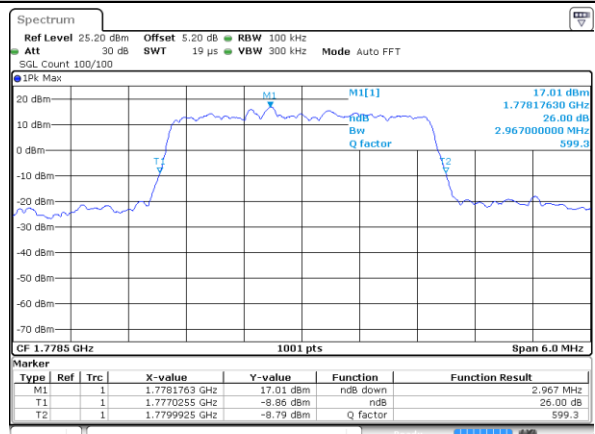
Date: 27 JUL 2017 11:47:56

Highest Channel / 3MHz / QPSK



Date: 27 JUL 2017 11:56:28

Highest Channel / 3MHz / 16QAM

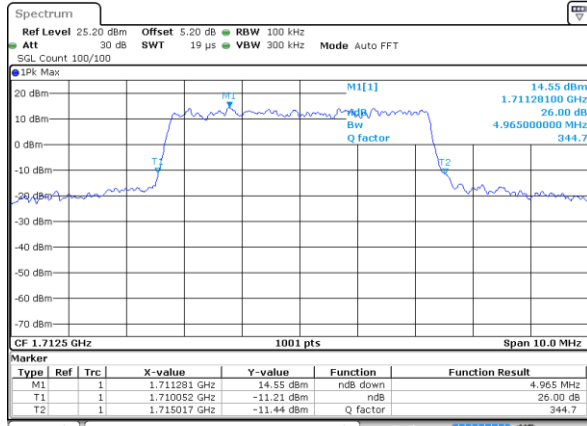


Date: 27 JUL 2017 11:48:46



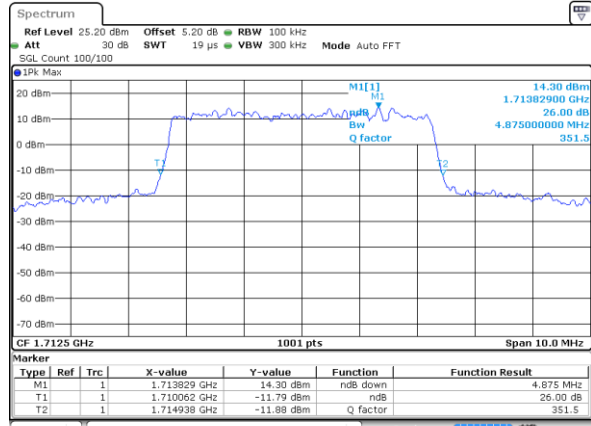
LTE Band 66

Lowest Channel / 5MHz / QPSK



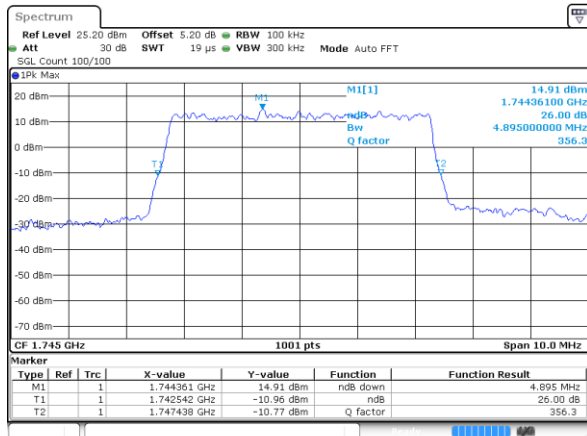
Date: 27 JUL 2017 12:00:38

Lowest Channel / 5MHz / 16QAM



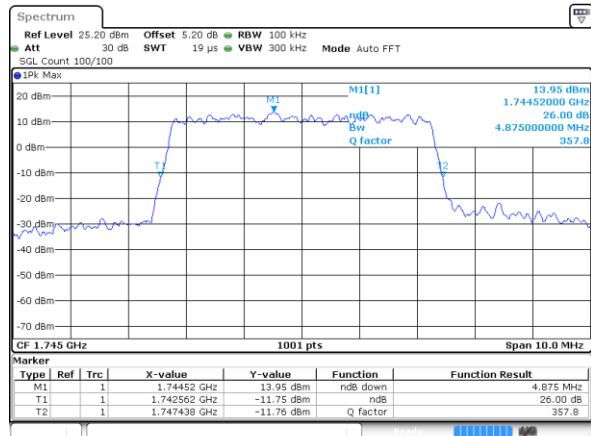
Date: 27 JUL 2017 12:00:18

Middle Channel / 5MHz / QPSK



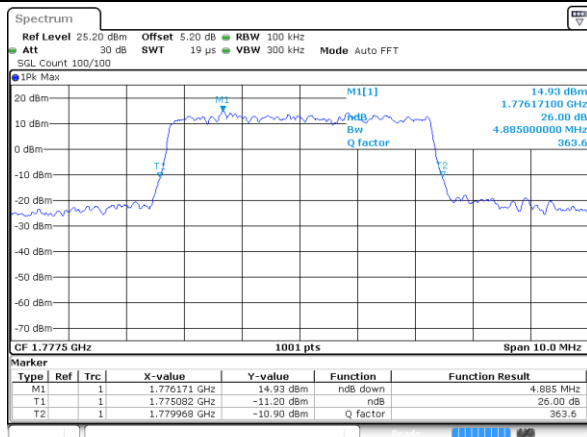
Date: 27 JUL 2017 12:01:08

Middle Channel / 5MHz / 16QAM



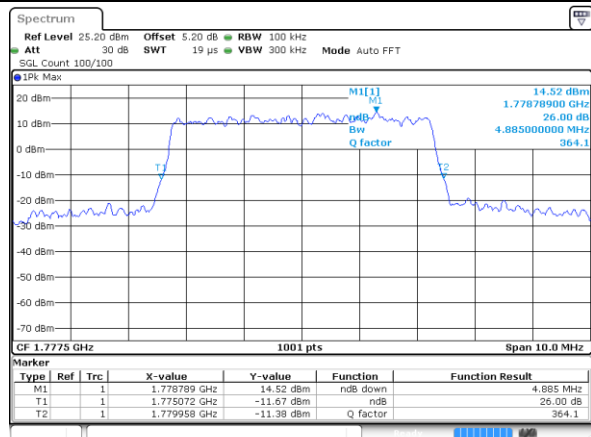
Date: 27 JUL 2017 12:01:32

Highest Channel / 5MHz / QPSK



Date: 27 JUL 2017 12:02:56

Highest Channel / 5MHz / 16QAM

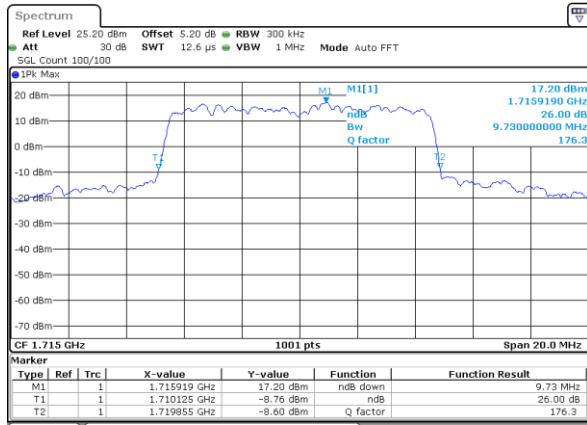


Date: 27 JUL 2017 12:02:33

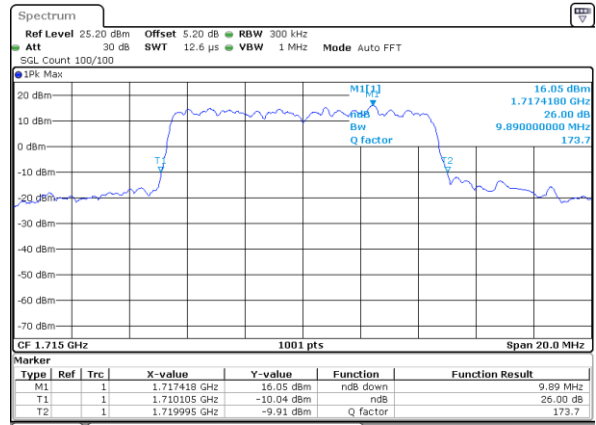


LTE Band 66

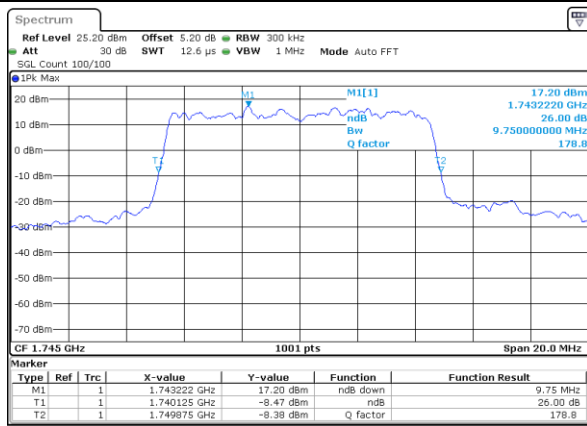
Lowest Channel / 10MHz / QPSK



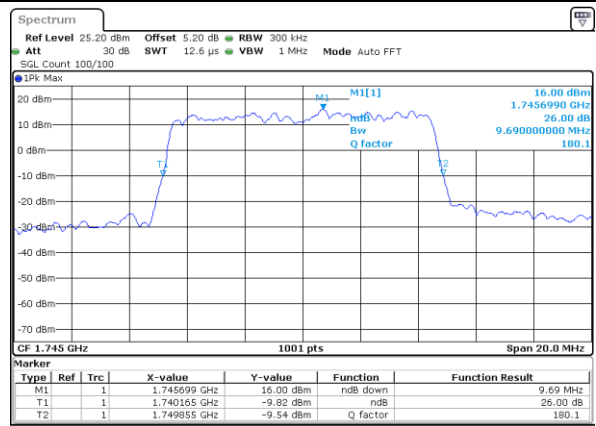
Lowest Channel / 10MHz / 16QAM



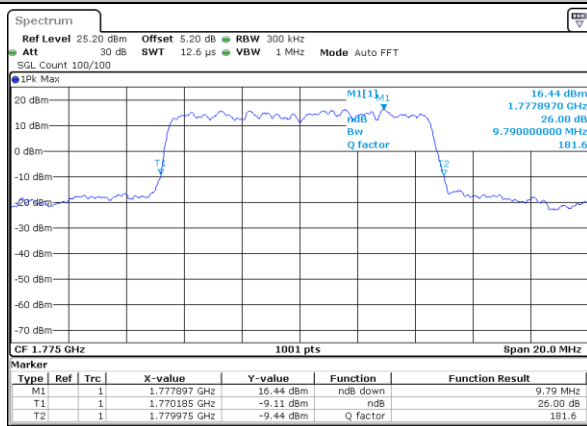
Middle Channel / 10MHz / QPSK



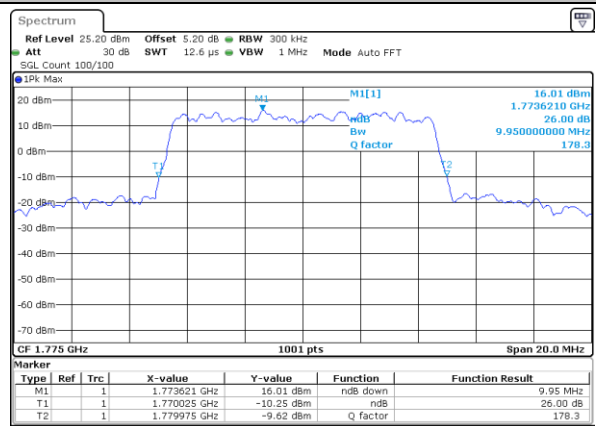
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



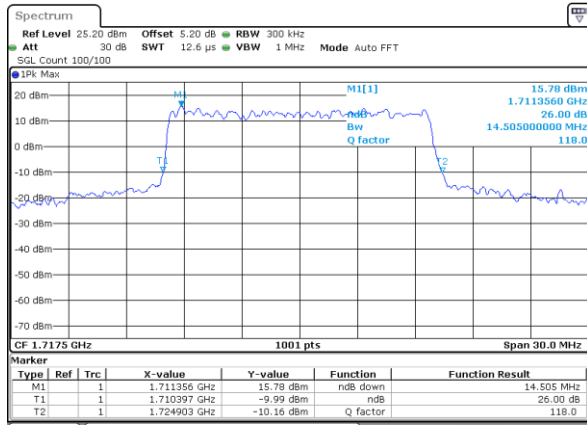
Highest Channel / 10MHz / 16QAM





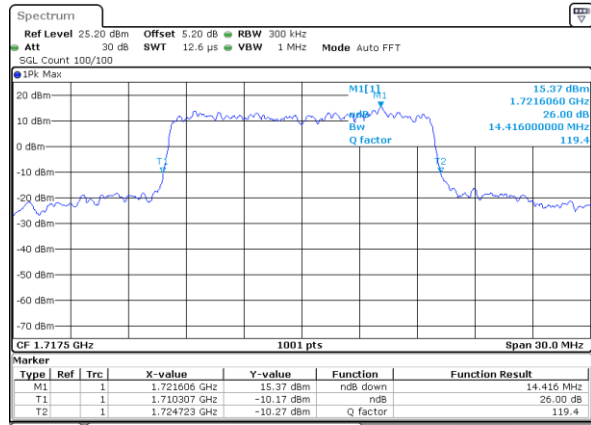
LTE Band 66

Lowest Channel / 15MHz / QPSK



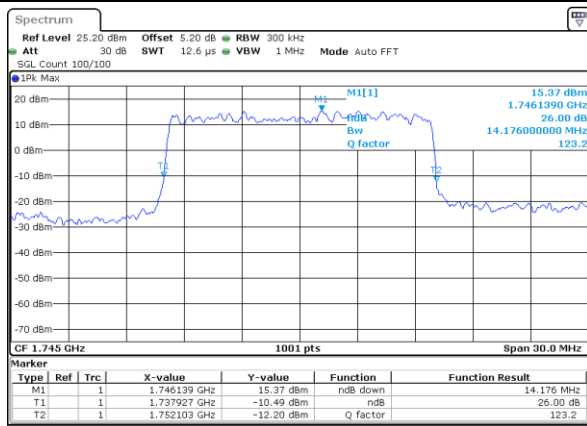
Date: 27 JUL 2017 14:09:00

Lowest Channel / 15MHz / 16QAM



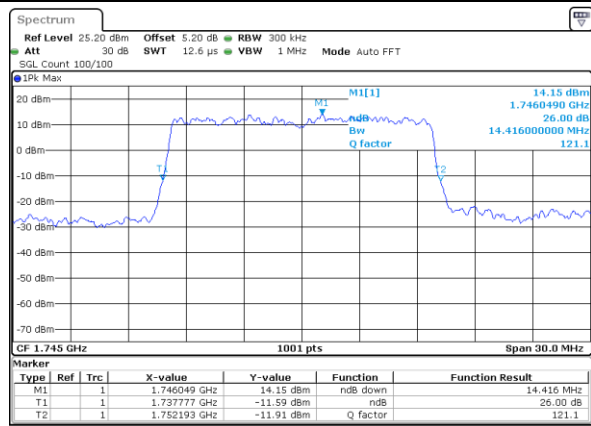
Date: 27 JUL 2017 14:08:27

Middle Channel / 15MHz / QPSK



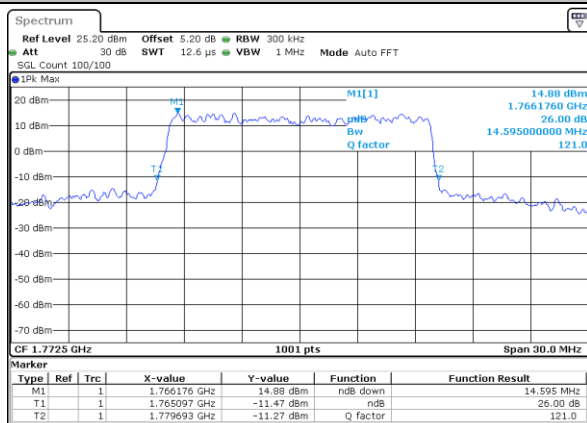
Date: 27 JUL 2017 14:09:41

Middle Channel / 15MHz / 16QAM



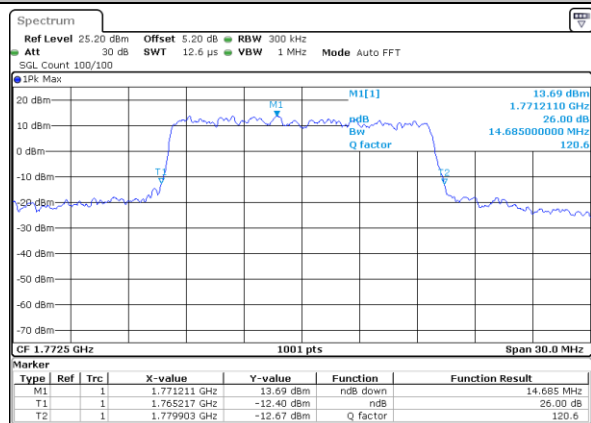
Date: 27 JUL 2017 14:10:01

Highest Channel / 15MHz / QPSK



Date: 27 JUL 2017 14:11:18

Highest Channel / 15MHz / 16QAM

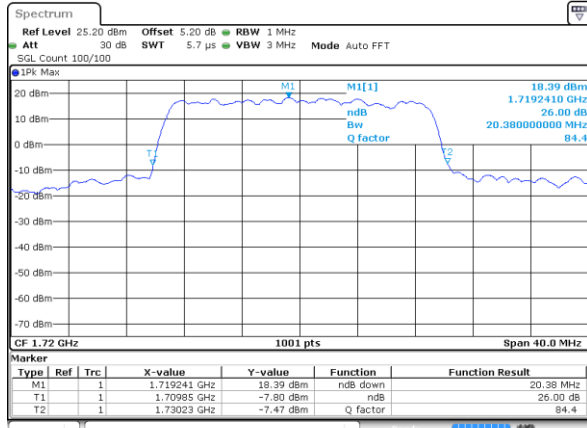


Date: 27 JUL 2017 14:10:48



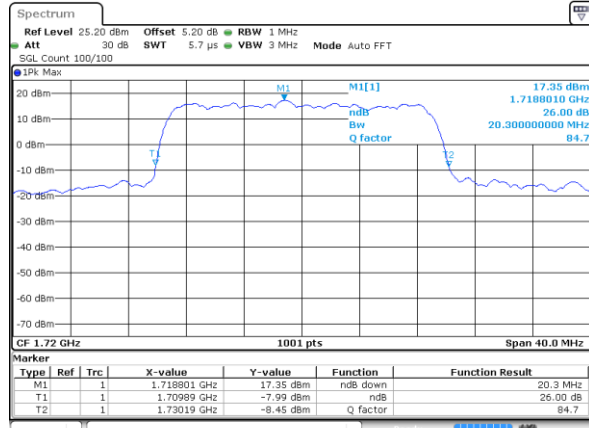
LTE Band 66

Lowest Channel / 20MHz / QPSK



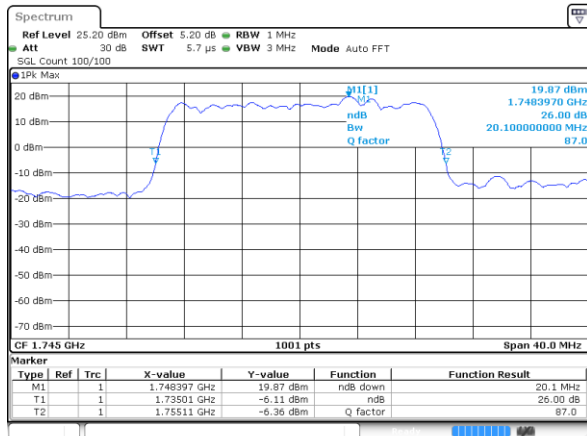
Date: 27 JUL 2017 14:20:56

Lowest Channel / 20MHz / 16QAM



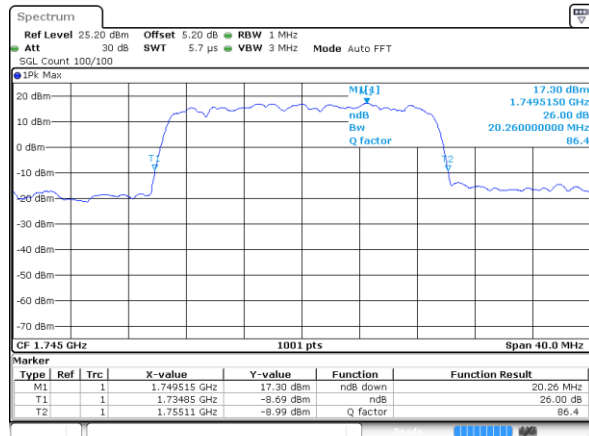
Date: 27 JUL 2017 14:20:28

Middle Channel / 20MHz / QPSK



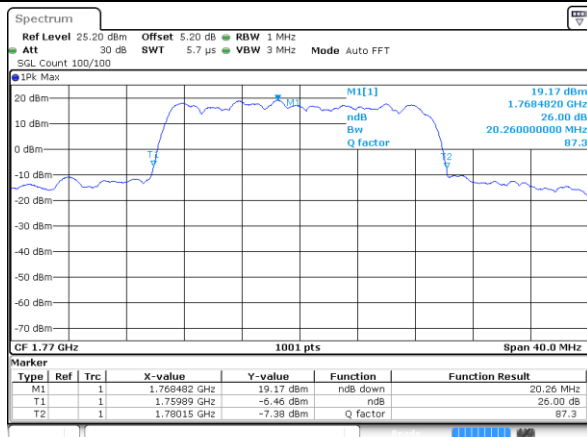
Date: 27 JUL 2017 14:22:31

Middle Channel / 20MHz / 16QAM



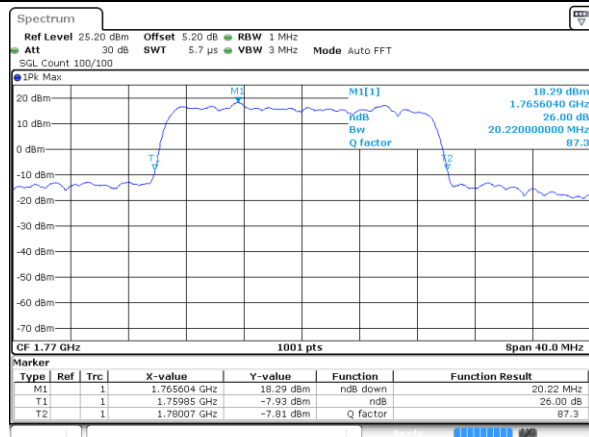
Date: 27 JUL 2017 14:22:08

Highest Channel / 20MHz / QPSK



Date: 27 JUL 2017 14:23:38

Highest Channel / 20MHz / 16QAM



Date: 27 JUL 2017 14:24:18



Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.70	4.50	4.48	9.07	9.05	13.49	13.40	18.30	18.38
Middle CH	1.09	1.09	2.73	2.72	4.49	4.49	9.03	8.95	13.52	13.43	18.42	18.46
Highest CH	1.09	1.10	2.71	2.74	4.49	4.48	9.01	9.01	13.43	13.46	18.34	18.30

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.76	2.71	4.51	4.50	9.03	9.05	13.49	13.49	18.42	18.42
Middle CH	1.10	1.09	2.72	2.73	4.50	4.48	9.03	9.01	13.40	13.43	18.54	18.38
Highest CH	1.09	1.08	2.72	2.72	4.48	4.49	9.01	9.01	13.43	13.43	18.54	18.34

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

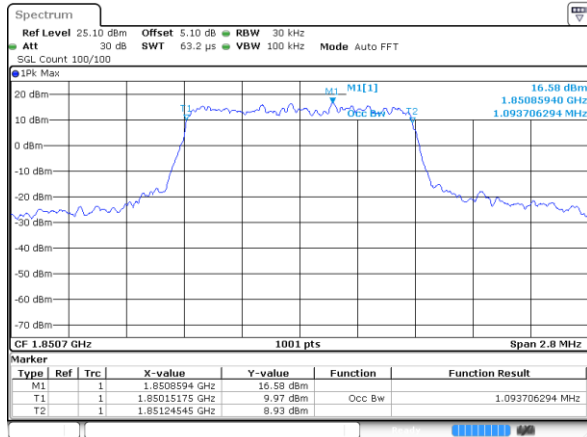
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.10	2.72	2.70	4.49	4.48	9.09	9.05	-	-	-	-
Middle CH	1.09	1.10	2.73	2.72	4.51	4.49	9.01	9.03	-	-	-	-
Highest CH	1.09	1.09	2.73	2.71	4.49	4.49	9.07	9.01	-	-	-	-

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.10	2.73	2.73	4.49	4.53	9.05	9.07	13.43	13.49	18.42	18.30
Middle CH	1.09	1.09	2.72	2.73	4.49	4.49	9.01	9.01	13.52	13.46	18.22	18.30
Highest CH	1.09	1.09	2.72	2.70	4.49	4.49	8.99	9.03	13.43	13.55	18.50	18.30

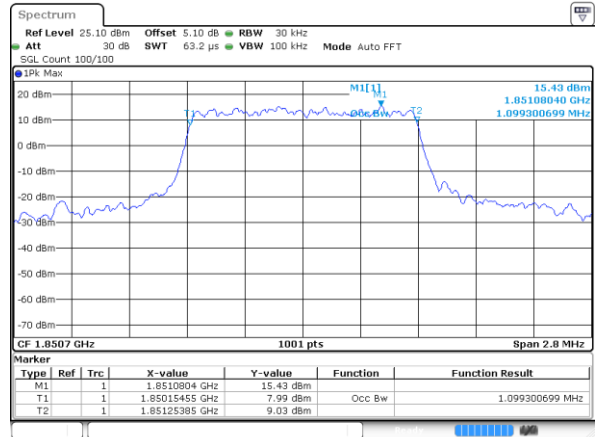


LTE Band 2

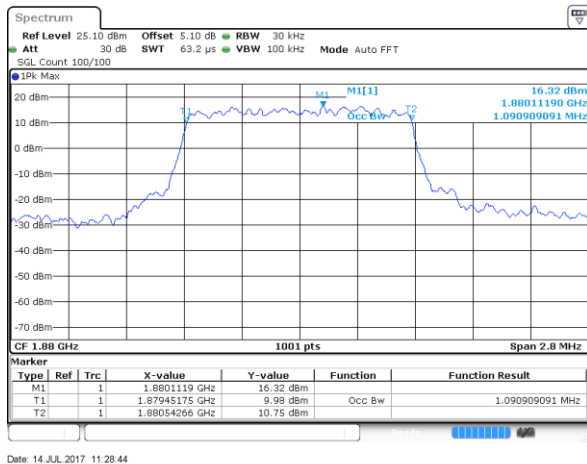
Lowest Channel / 1.4MHz / QPSK



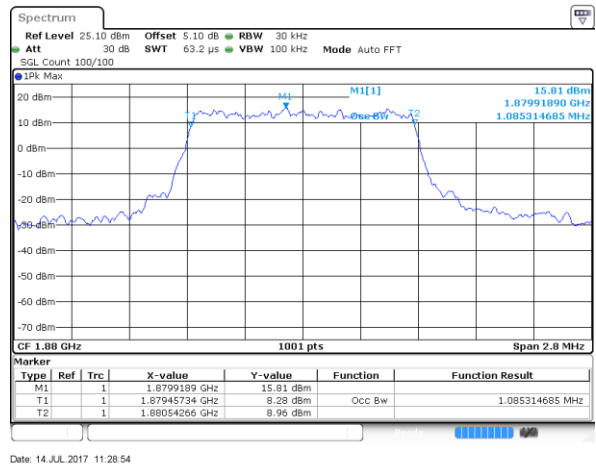
Lowest Channel / 1.4MHz / 16QAM



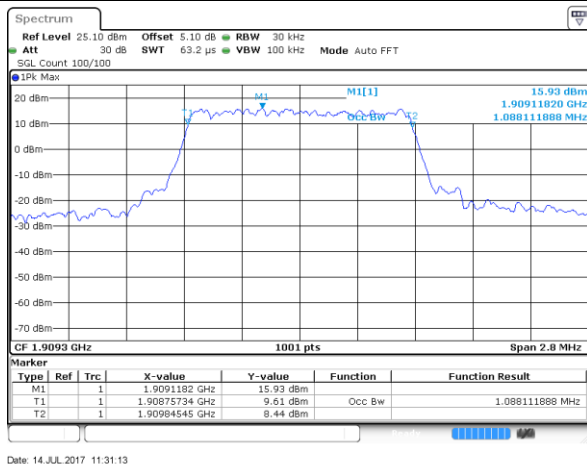
Middle Channel / 1.4MHz / QPSK



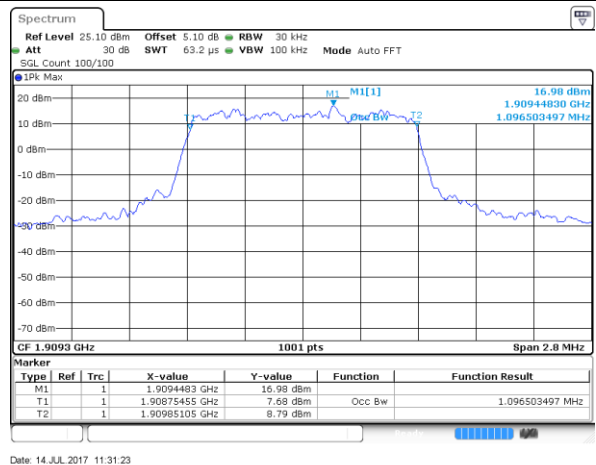
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



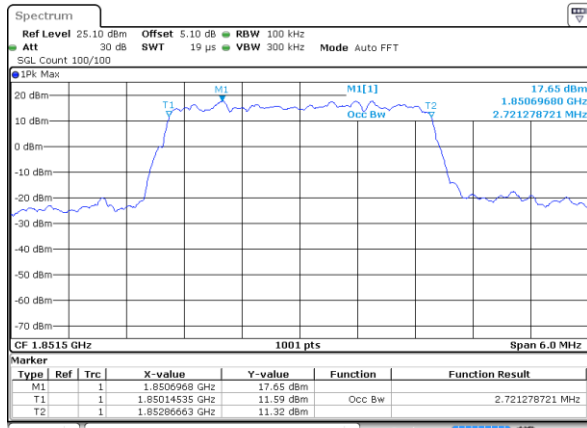
Highest Channel / 1.4MHz / 16QAM





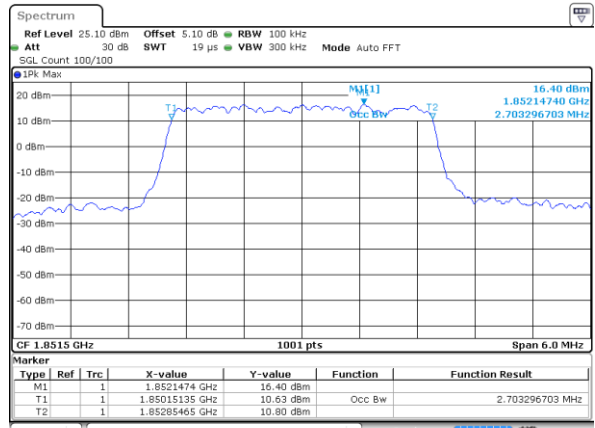
LTE Band 2

Lowest Channel / 3MHz / QPSK



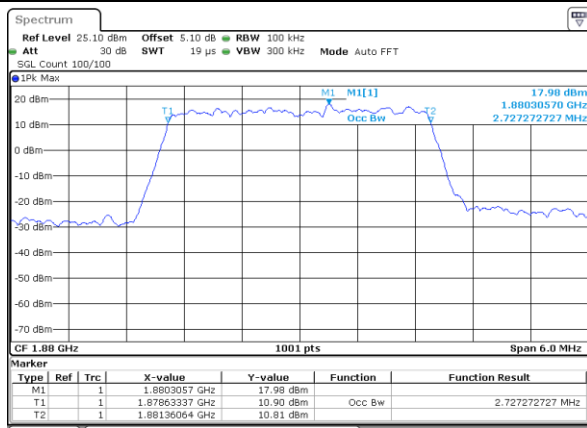
Date: 14 JUL 2017 11:38:12

Lowest Channel / 3MHz / 16QAM



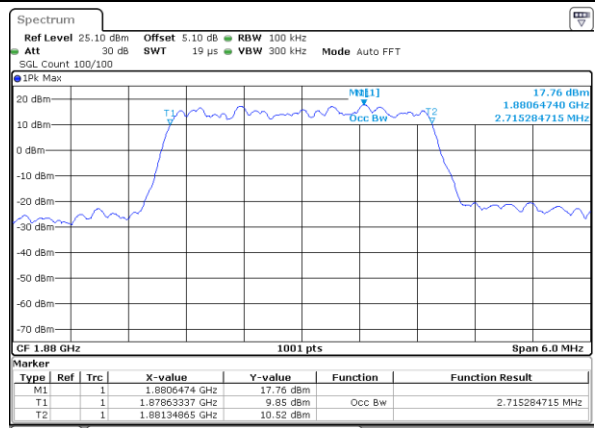
Date: 14 JUL 2017 11:38:22

Middle Channel / 3MHz / QPSK



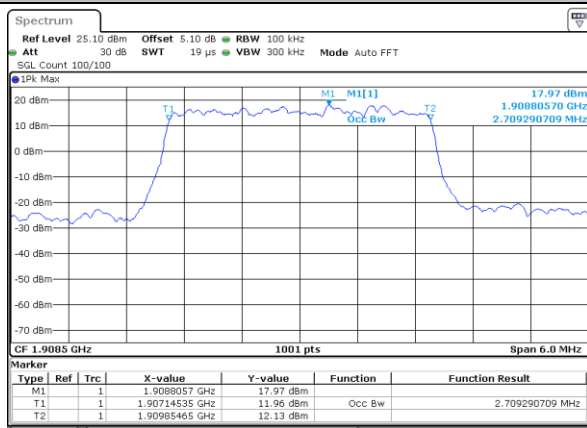
Date: 14 JUL 2017 11:45:11

Middle Channel / 3MHz / 16QAM



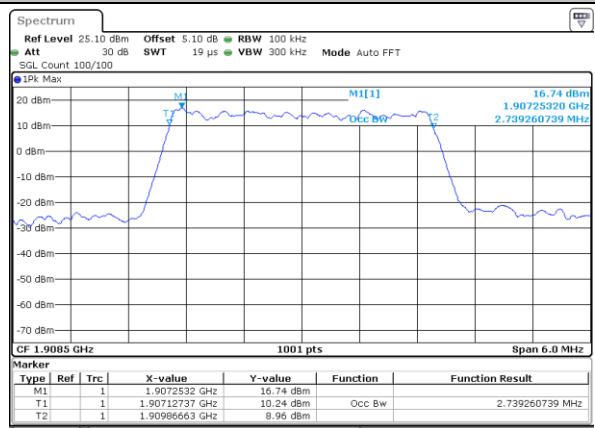
Date: 14 JUL 2017 11:45:20

Highest Channel / 3MHz / QPSK



Date: 14 JUL 2017 11:47:40

Highest Channel / 3MHz / 16QAM



Date: 14 JUL 2017 11:47:50