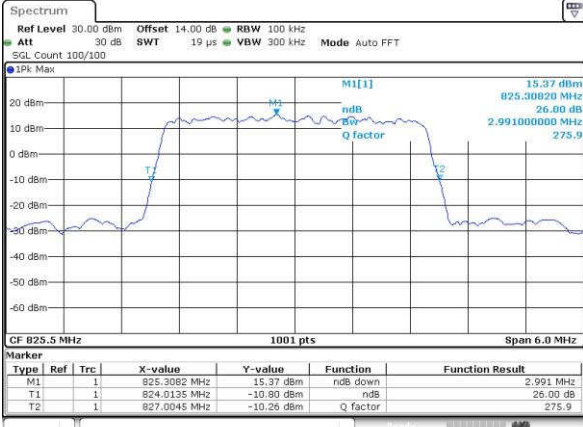




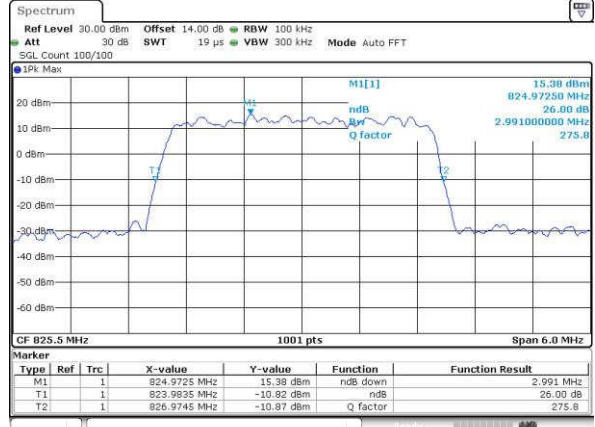
LTE Band 26

Lowest Channel / 3MHz / QPSK



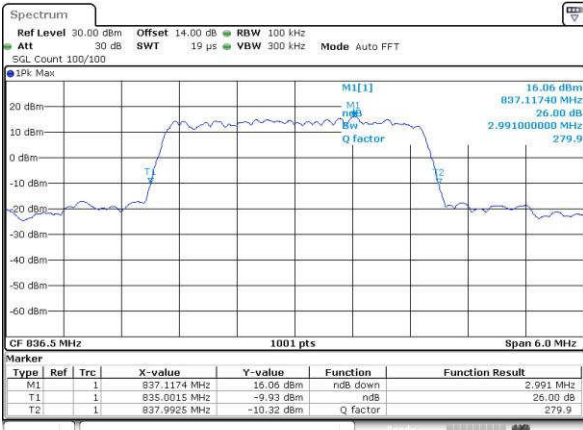
Date: 16 JUN 2017 15:40:17

Lowest Channel / 3MHz / 16QAM



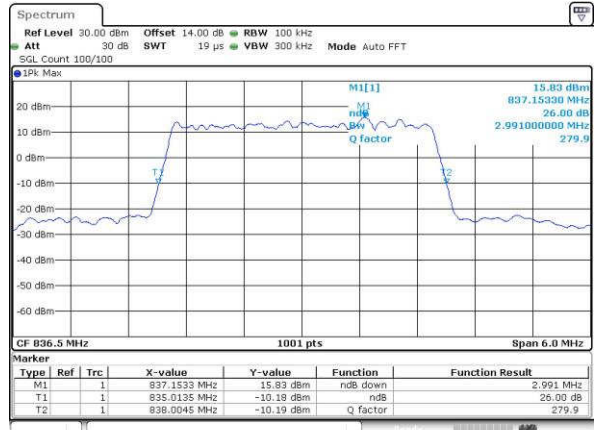
Date: 16 JUN 2017 15:40:18

Middle Channel / 3MHz / QPSK



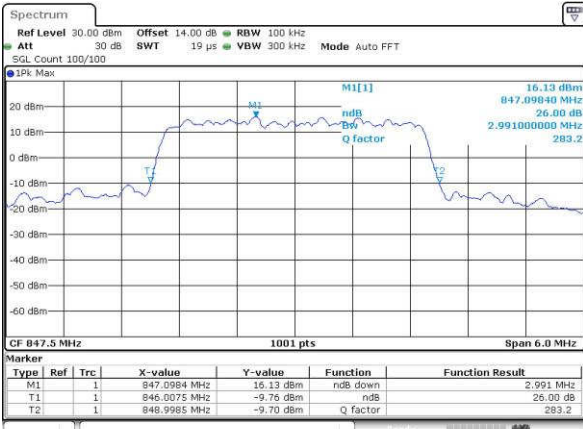
Date: 16 JUN 2017 15:41:20

Middle Channel / 3MHz / 16QAM



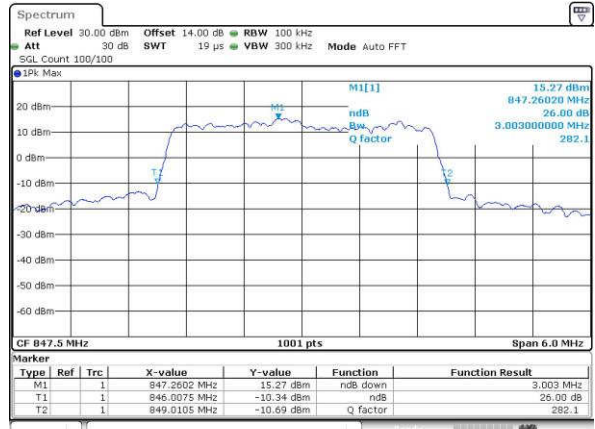
Date: 16 JUN 2017 15:41:31

Highest Channel / 3MHz / QPSK



Date: 16 JUN 2017 15:42:03

Highest Channel / 3MHz / 16QAM

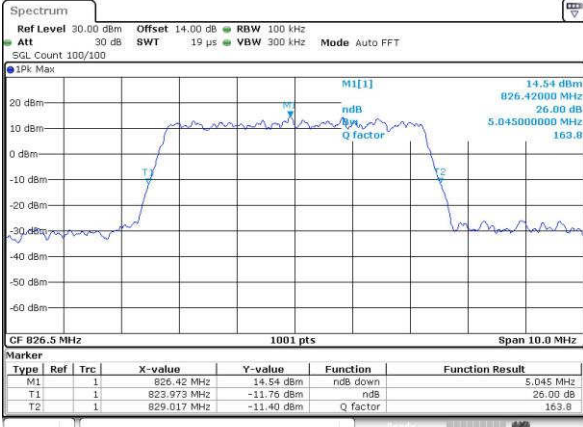


Date: 16 JUN 2017 15:42:14



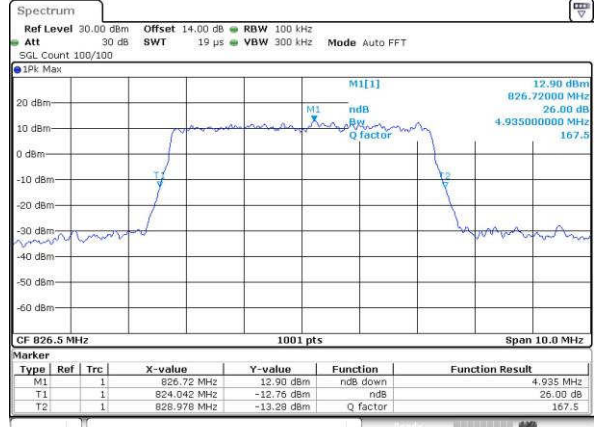
LTE Band 26

Lowest Channel / 5MHz / QPSK



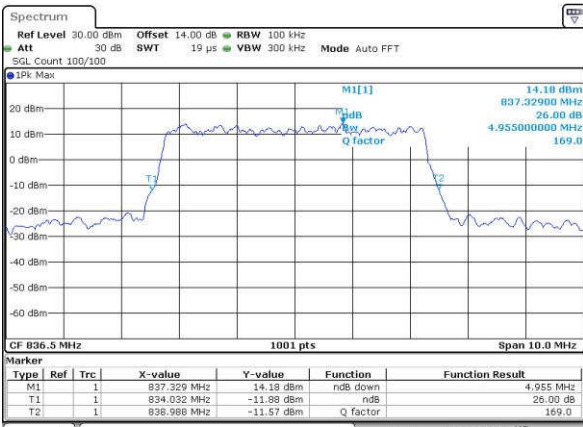
Date: 16\_JUN,2017 15:42:46

Lowest Channel / 5MHz / 16QAM



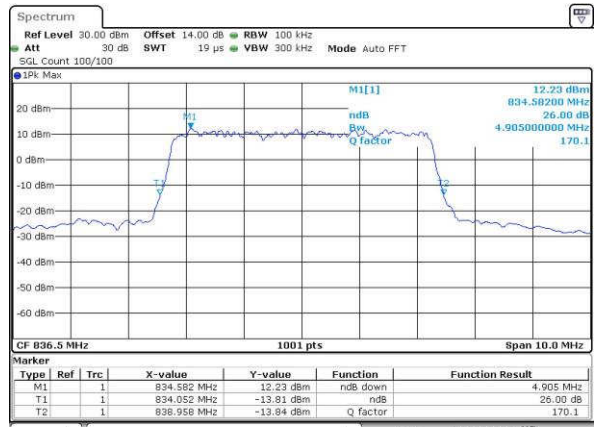
Date: 16\_JUN,2017 15:42:56

Middle Channel / 5MHz / QPSK



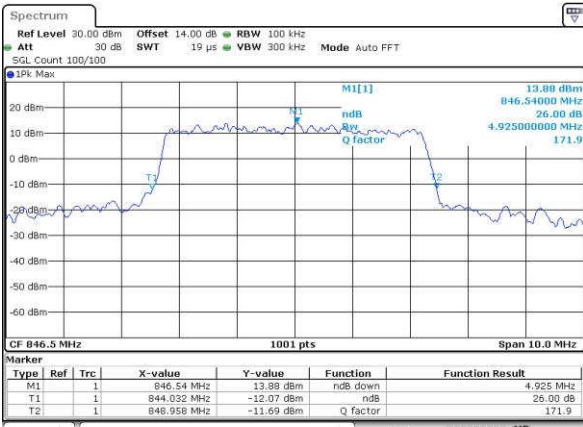
Date: 16\_JUN,2017 15:43:28

Middle Channel / 5MHz / 16QAM



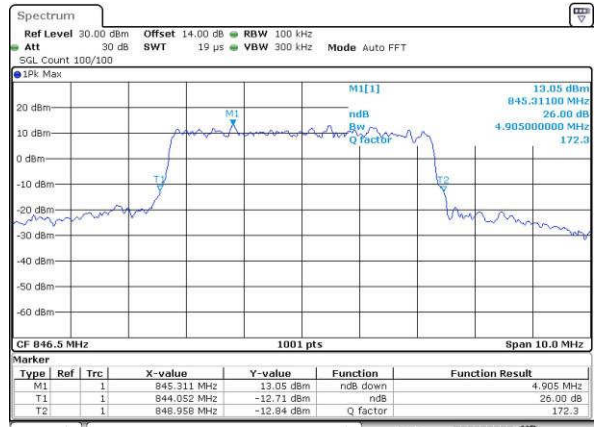
Date: 16\_JUN,2017 15:43:39

Highest Channel / 5MHz / QPSK



Date: 16\_JUN,2017 15:44:11

Highest Channel / 5MHz / 16QAM

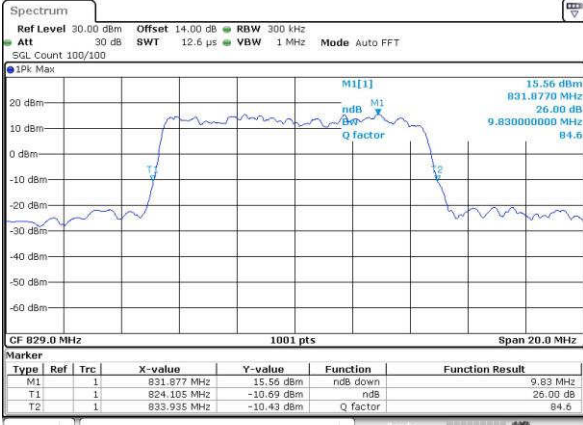


Date: 16\_JUN,2017 15:44:22



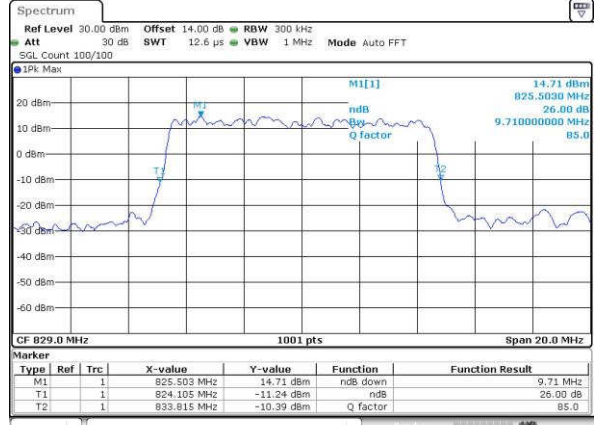
LTE Band 26

Lowest Channel / 10MHz / QPSK



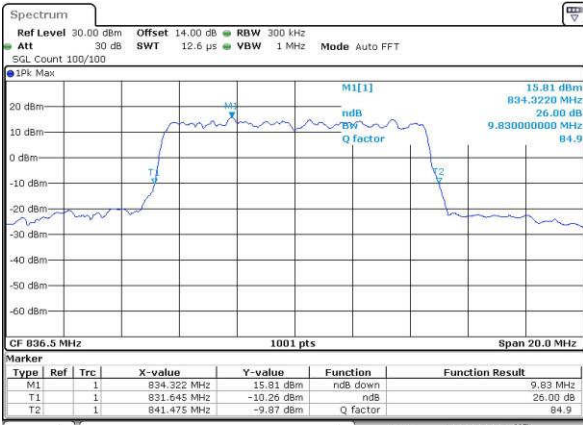
Date: 16 JUN 2017 15:44:54

Lowest Channel / 10MHz / 16QAM



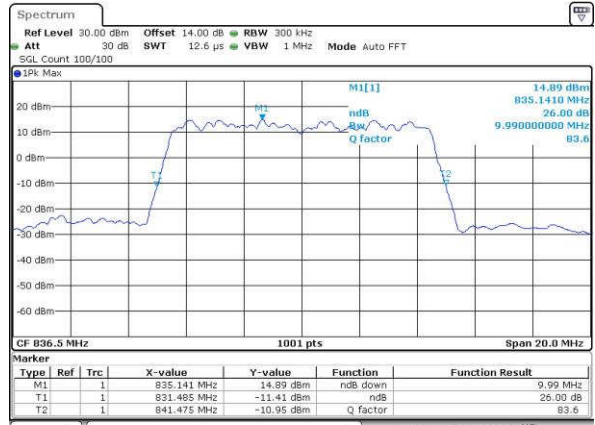
Date: 16 JUN 2017 15:45:05

Middle Channel / 10MHz / QPSK



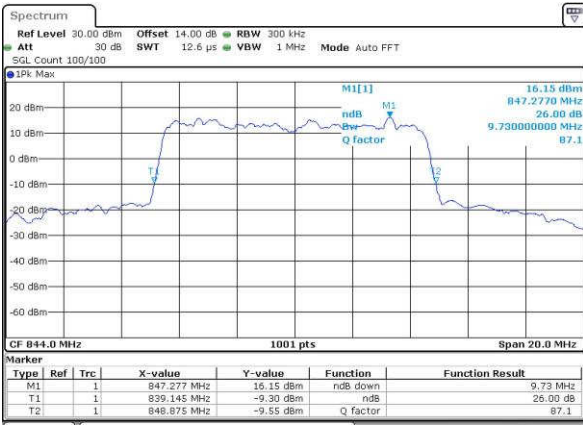
Date: 16 JUN 2017 15:45:37

Middle Channel / 10MHz / 16QAM



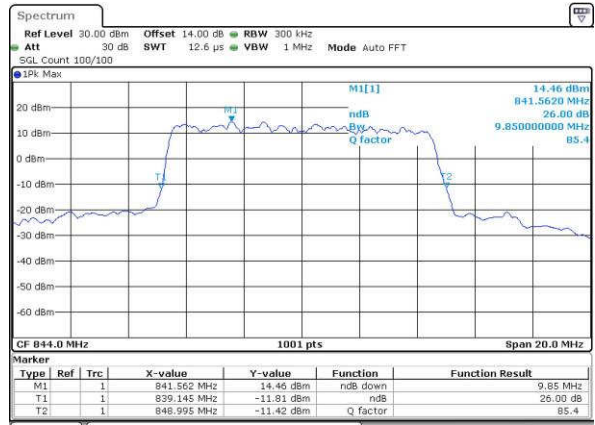
Date: 16 JUN 2017 15:45:48

Highest Channel / 10MHz / QPSK



Date: 16 JUN 2017 15:46:20

Highest Channel / 10MHz / 16QAM

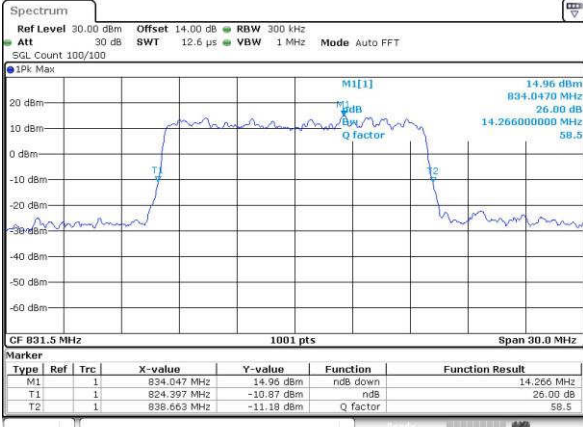


Date: 16 JUN 2017 15:46:30



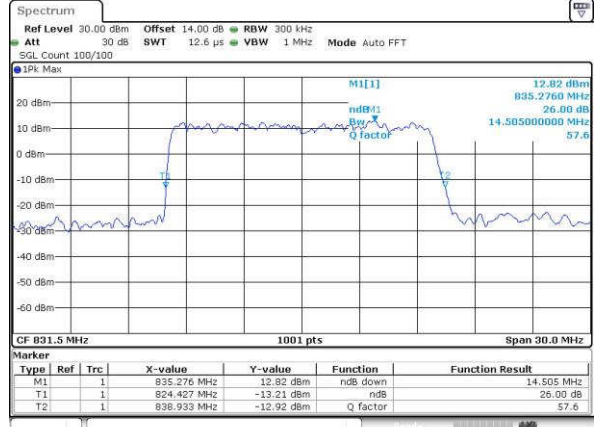
LTE Band 26

Lowest Channel / 15MHz / QPSK



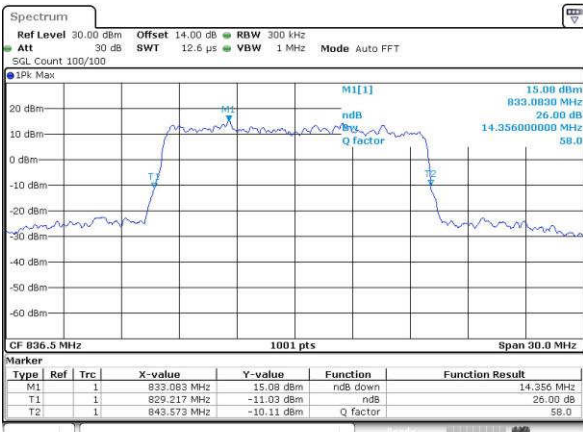
Date: 16\_JUN,2017 15:47:03

Lowest Channel / 15MHz / 16QAM



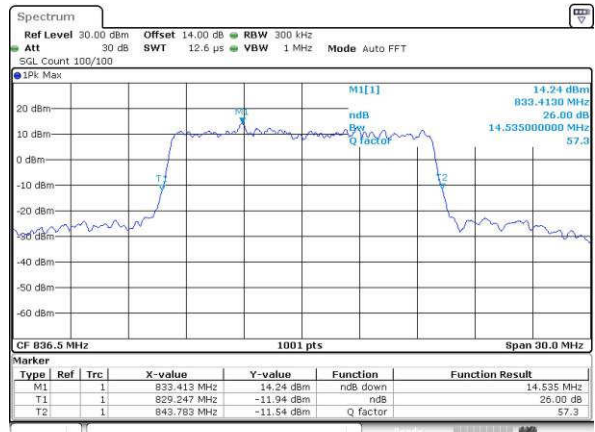
Date: 16\_JUN,2017 15:47:13

Middle Channel / 15MHz / QPSK



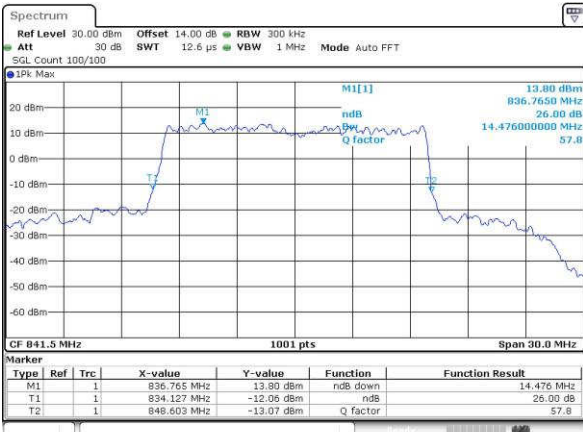
Date: 16\_JUN,2017 15:47:46

Middle Channel / 15MHz / 16QAM



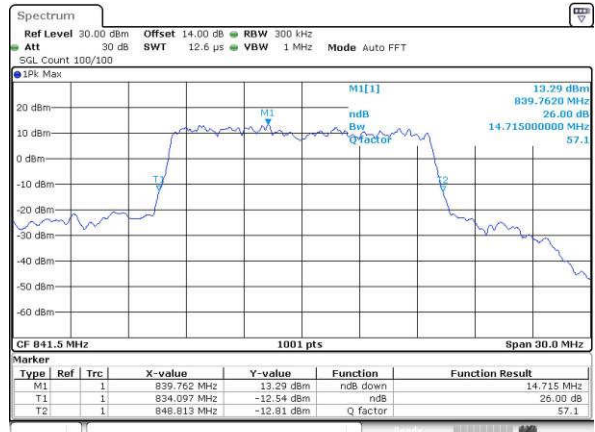
Date: 16\_JUN,2017 15:47:56

Highest Channel / 15MHz / QPSK



Date: 16\_JUN,2017 15:48:29

Highest Channel / 15MHz / 16QAM

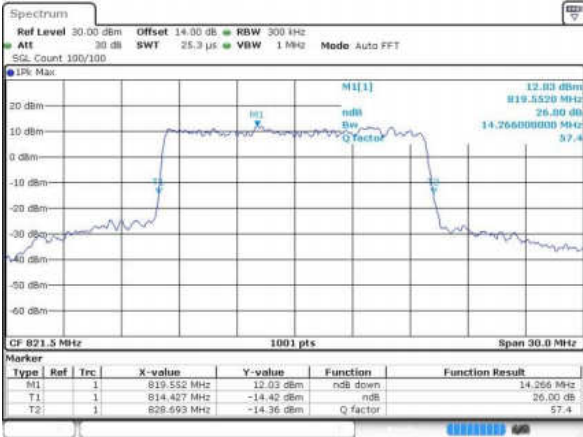


Date: 16\_JUN,2017 15:48:39



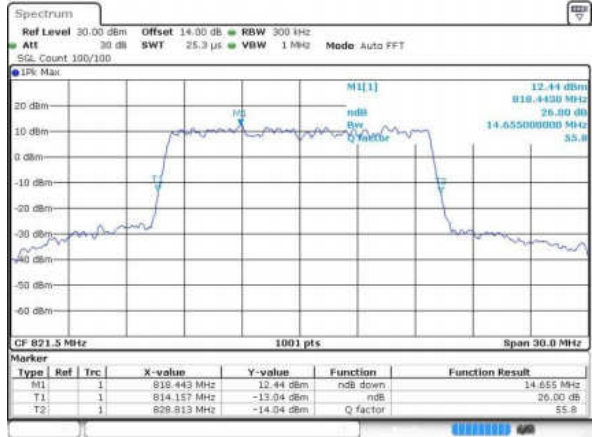
LTE Band 26

CH26765 / 15MHz / QPSK



Date: 19 JUN 2017 15:31:43

CH26765 / 15MHz / 16QAM



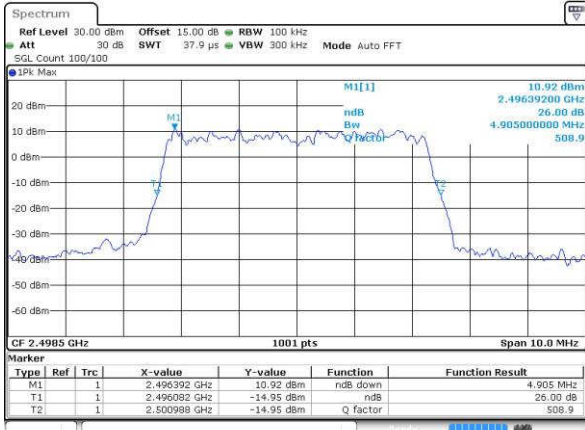
Date: 19 JUN 2017 15:32:06





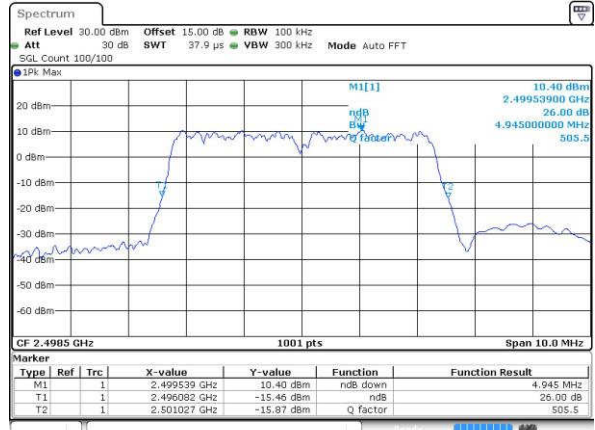
LTE Band 41

Lowest Channel / 5MHz / QPSK



Date: 19 JUN 2017 15:48:23

Lowest Channel / 5MHz / 16QAM



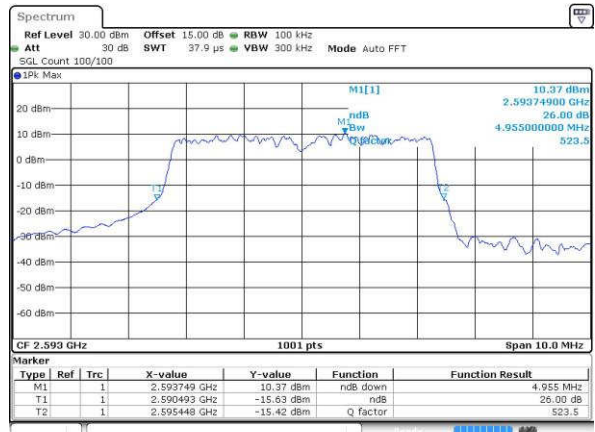
Date: 19 JUN 2017 15:48:33

Middle Channel / 5MHz / QPSK



Date: 19 JUN 2017 15:49:04

Middle Channel / 5MHz / 16QAM



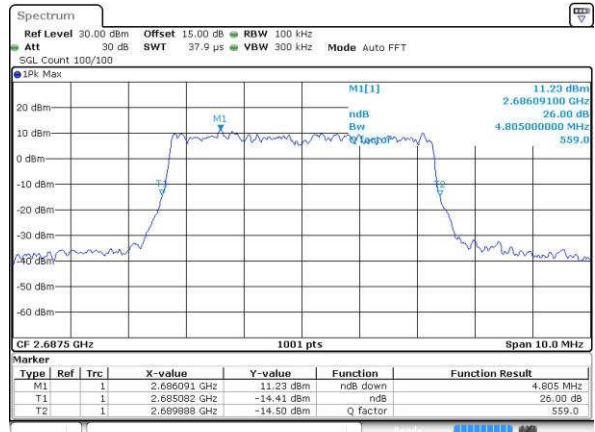
Date: 19 JUN 2017 15:49:14

Highest Channel / 5MHz / QPSK



Date: 19 JUN 2017 15:49:44

Highest Channel / 5MHz / 16QAM

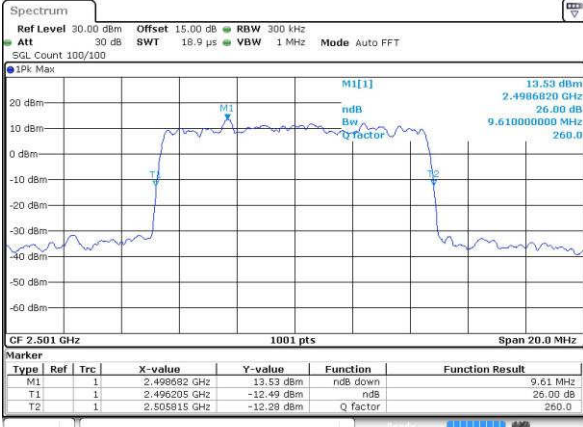


Date: 19 JUN 2017 15:49:54



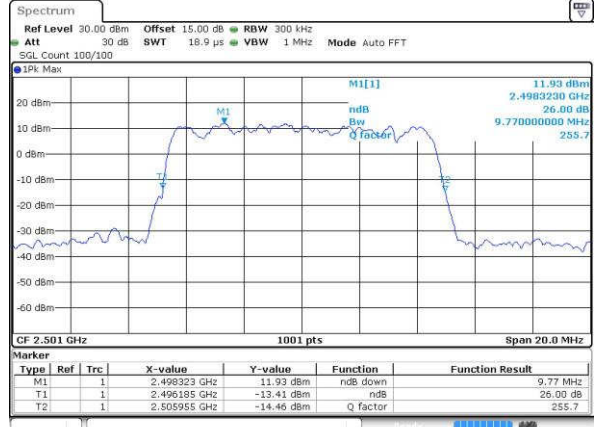
LTE Band 41

Lowest Channel / 10MHz / QPSK



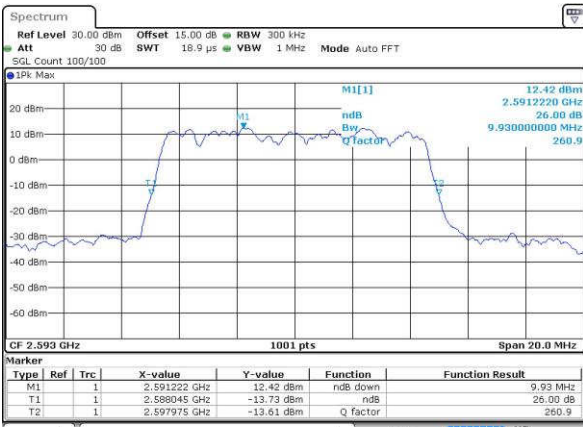
Date: 19 JUN 2017 15:50:25

Lowest Channel / 10MHz / 16QAM



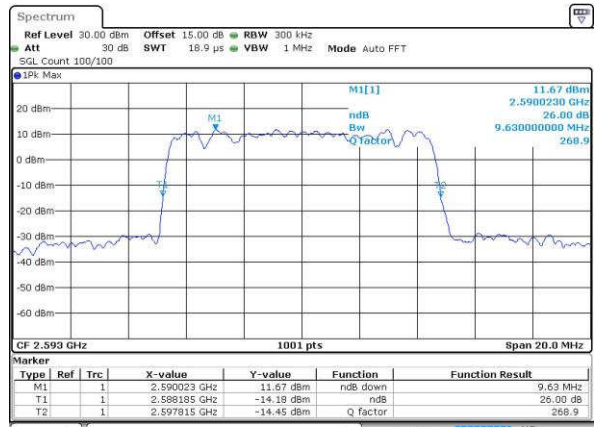
Date: 19 JUN 2017 15:50:36

Middle Channel / 10MHz / QPSK



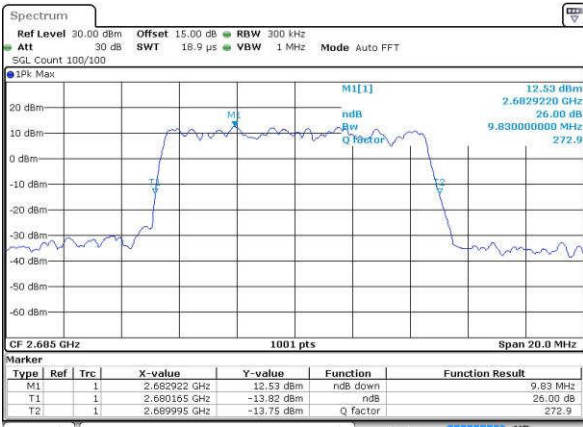
Date: 19 JUN 2017 15:51:06

Middle Channel / 10MHz / 16QAM



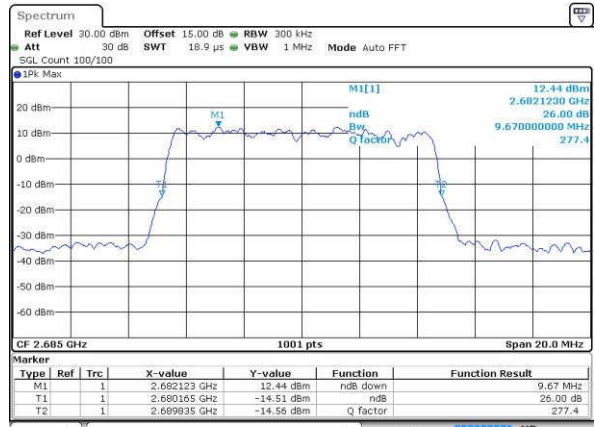
Date: 19 JUN 2017 15:51:16

Highest Channel / 10MHz / QPSK



Date: 19 JUN 2017 15:51:46

Highest Channel / 10MHz / 16QAM

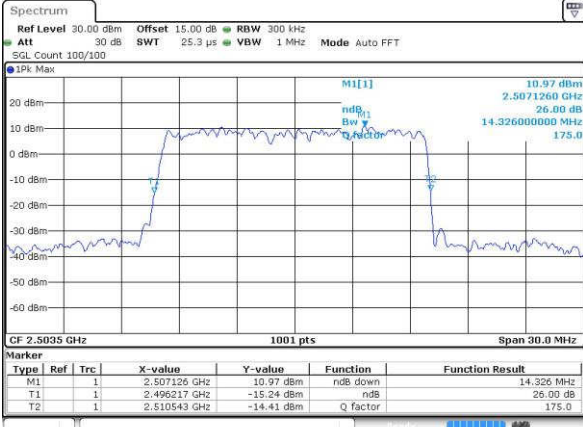


Date: 19 JUN 2017 15:51:57



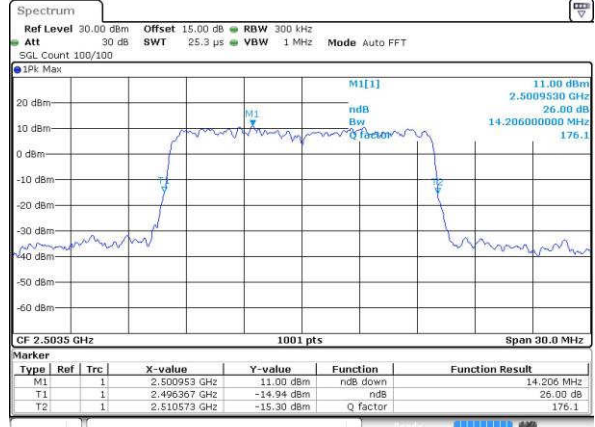
LTE Band 41

Lowest Channel / 15MHz / QPSK



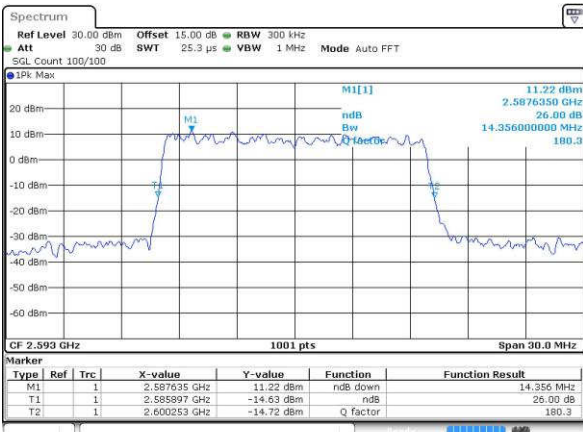
Date: 19 JUN 2017 15:52:27

Lowest Channel / 15MHz / 16QAM



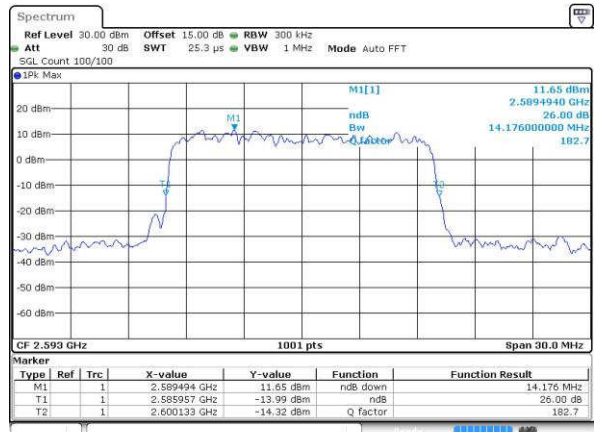
Date: 19 JUN 2017 15:52:37

Middle Channel / 15MHz / QPSK



Date: 19 JUN 2017 15:53:08

Middle Channel / 15MHz / 16QAM



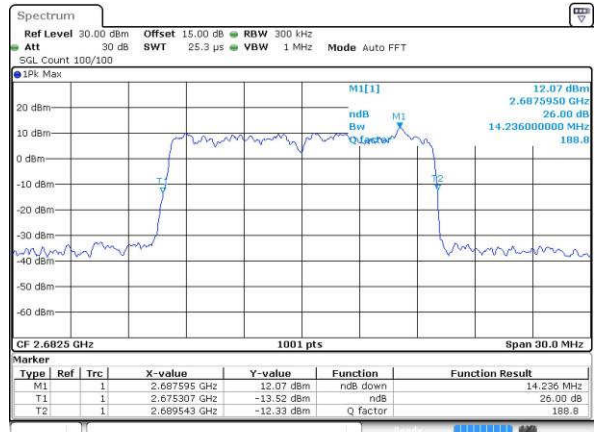
Date: 19 JUN 2017 15:53:16

Highest Channel / 15MHz / QPSK



Date: 19 JUN 2017 15:53:48

Highest Channel / 15MHz / 16QAM



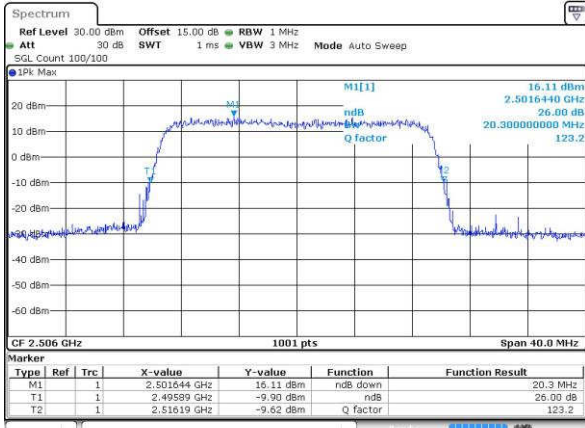
Date: 19 JUN 2017 15:53:58





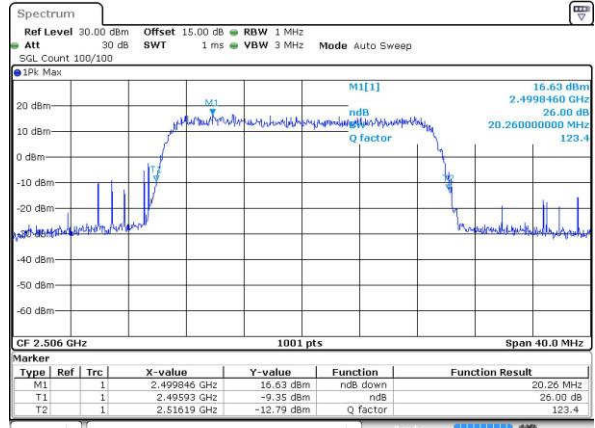
LTE Band 41

Lowest Channel / 20MHz / QPSK



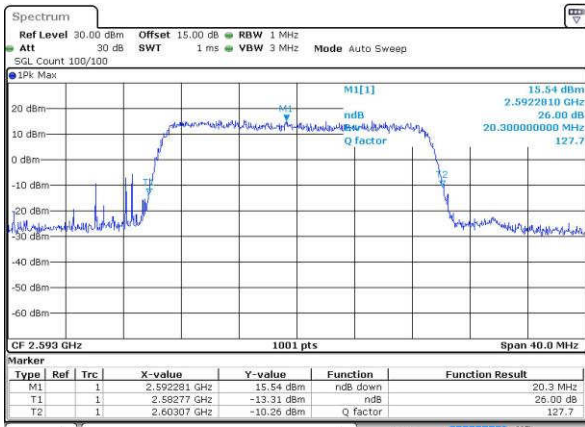
Date: 19 JUN 2017 15:54:29

Lowest Channel / 20MHz / 16QAM



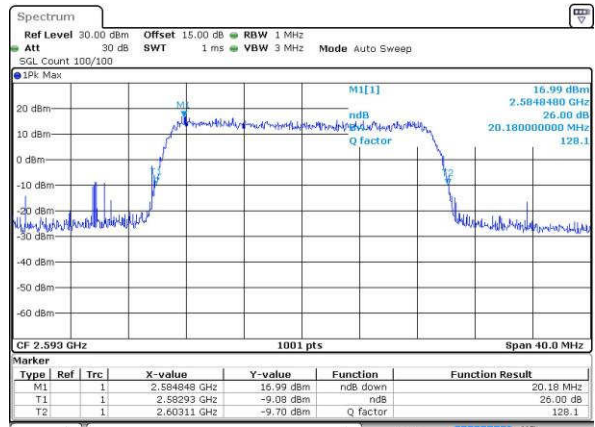
Date: 19 JUN 2017 15:54:39

Middle Channel / 20MHz / QPSK



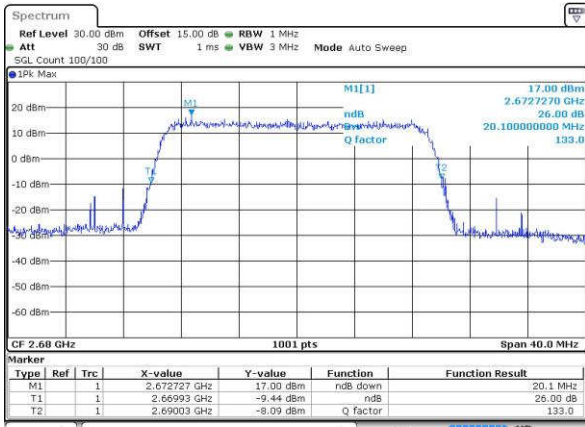
Date: 19 JUN 2017 15:55:10

Middle Channel / 20MHz / 16QAM



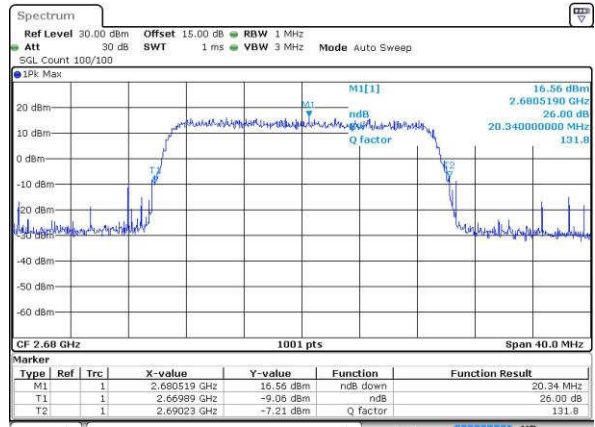
Date: 19 JUN 2017 15:55:21

Highest Channel / 20MHz / QPSK



Date: 19 JUN 2017 15:55:51

Highest Channel / 20MHz / 16QAM



Date: 19 JUN 2017 15:56:01



## 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	2.70	2.70	4.50	4.48	9.05	8.99	13.40	13.52	18.14	18.34
Middle CH	1.09	1.09	2.73	2.71	4.49	4.50	9.01	9.03	13.34	13.46	18.38	18.42
Highest CH	1.09	1.09	2.72	2.73	4.49	4.47	9.09	9.03	13.49	13.49	18.34	18.38

Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.72	2.72	4.49	4.51	9.01	9.09	13.46	13.46	18.42	18.34
Middle CH	1.10	1.09	2.72	2.73	4.48	4.51	9.01	8.99	13.43	13.46	18.34	18.42
Highest CH	1.09	1.09	2.70	2.72	4.51	4.49	9.03	9.03	13.49	13.52	18.42	18.46

Mode	LTE Band 5 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.73	2.72	4.49	4.48	9.03	9.05	-	-	-	-
Middle CH	1.09	1.09	2.73	2.73	4.50	4.51	9.03	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.49	4.49	9.05	9.07	-	-	-	-

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	-	-	-	-	4.52	4.49	9.03	9.03	13.46	13.46	18.42	18.30
Middle CH	-	-	-	-	4.50	4.49	9.03	9.05	13.46	13.46	18.34	18.42
Highest CH	-	-	-	-	4.49	4.47	9.07	9.03	13.49	13.49	18.34	18.42

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	2.73	2.73	4.50	4.48	9.01	8.99	-	-	-	-
Middle CH	1.08	1.10	2.73	2.72	4.48	4.49	9.09	9.05	-	-	-	-
Highest CH	1.09	1.09	2.73	2.72	4.51	4.52	9.05	9.01	-	-	-	-



Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.51	9.01	9.03	-	-	-	-
Middle CH	-	-	-	-	4.50	4.50	9.11	9.01	-	-	-	-
Highest CH	-	-	-	-	4.51	4.50	9.03	9.01	-	-	-	-

Mode	LTE Band 25 : 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	2.73	2.72	4.50	4.50	9.01	8.99	13.43	13.43	18.18	18.42
Middle CH	1.09	1.09	2.73	2.72	4.48	4.48	9.05	9.07	13.52	13.49	18.34	18.46
Highest CH	1.09	1.08	2.72	2.71	4.48	4.49	9.05	9.01	13.40	13.43	18.30	18.30

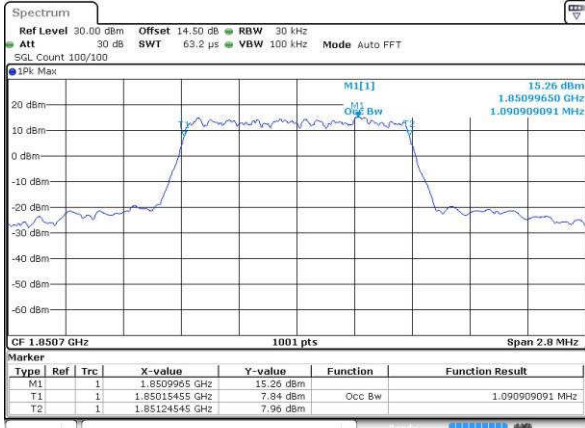
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.49	4.49	9.07	9.09	13.52	13.43	13.43	13.49
Middle CH	1.09	1.09	2.72	2.72	4.51	4.49	9.05	8.99	13.43	13.46	-	-
Highest CH	1.10	1.09	2.72	2.75	4.52	4.47	9.05	9.05	13.43	13.46	-	-

Mode	LTE Band 41 : 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	-	-	-	-	4.49	4.47	9.01	8.99	13.43	13.43	18.46	18.34
Middle CH	-	-	-	-	4.50	4.49	9.07	9.07	13.49	13.52	18.42	18.42
Highest CH	-	-	-	-	4.49	4.49	9.03	9.01	13.43	13.37	18.42	18.30



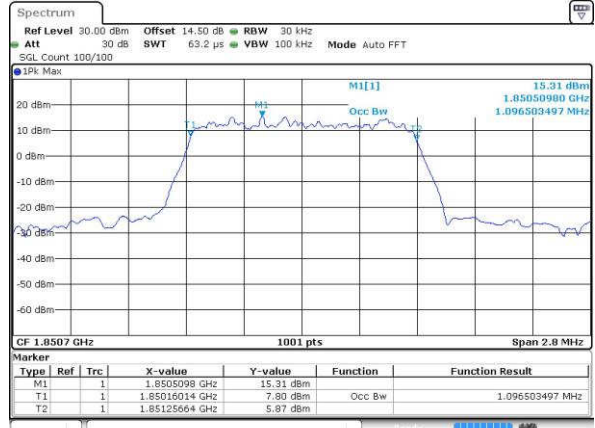
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



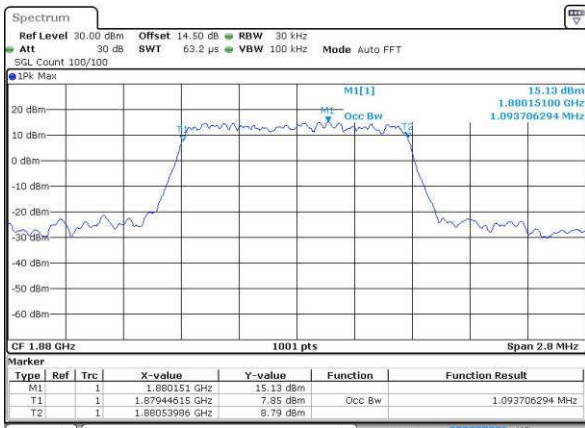
Date: 13 JUN 2017 20:13:50

Lowest Channel / 1.4MHz / 16QAM



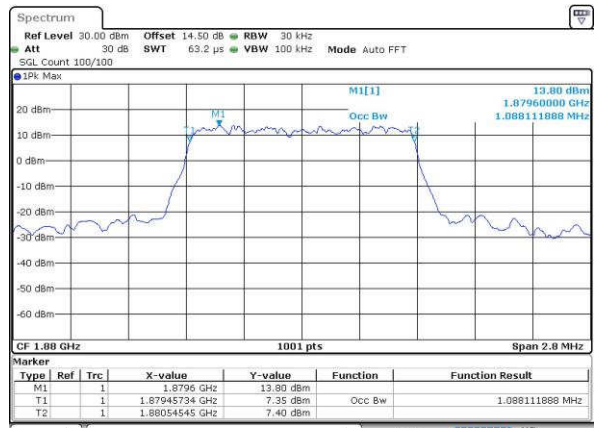
Date: 13 JUN 2017 20:14:00

Middle Channel / 1.4MHz / QPSK



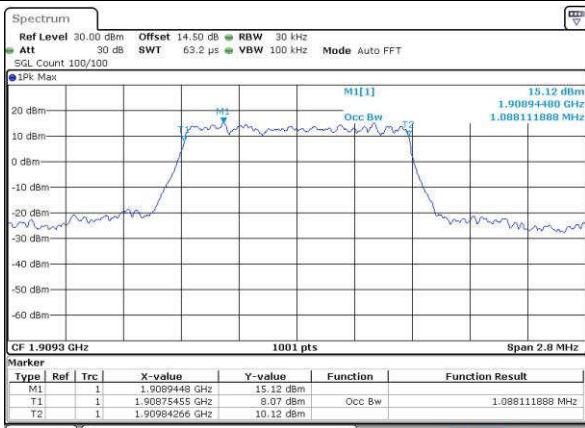
Date: 13 JUN 2017 20:20:53

Middle Channel / 1.4MHz / 16QAM



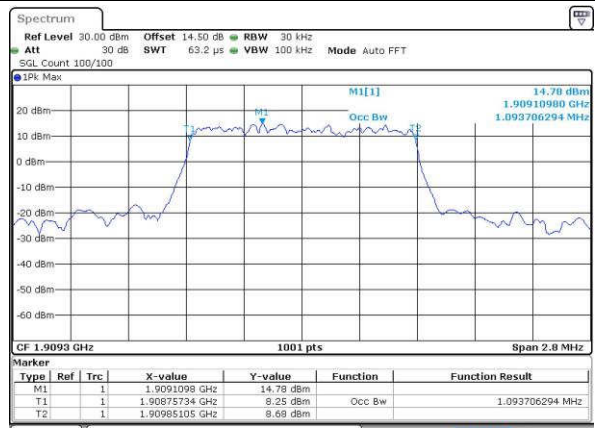
Date: 13 JUN 2017 20:21:03

Highest Channel / 1.4MHz / QPSK



Date: 13 JUN 2017 20:23:21

Highest Channel / 1.4MHz / 16QAM

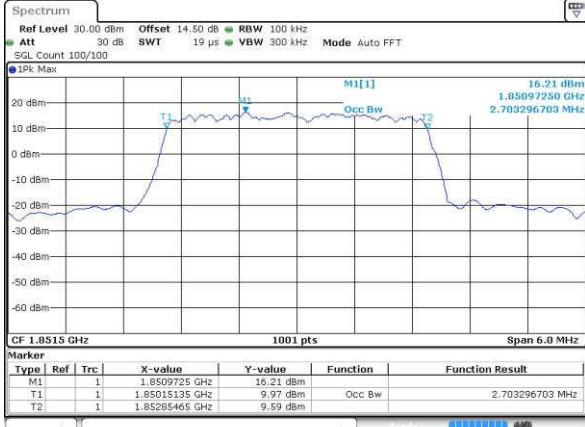


Date: 13 JUN 2017 20:23:31



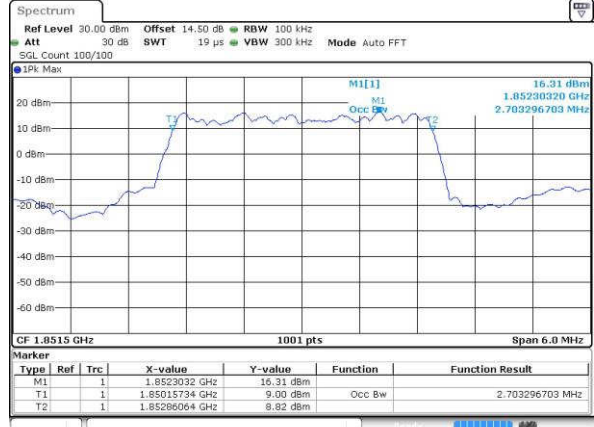
LTE Band 2

Lowest Channel / 3MHz / QPSK



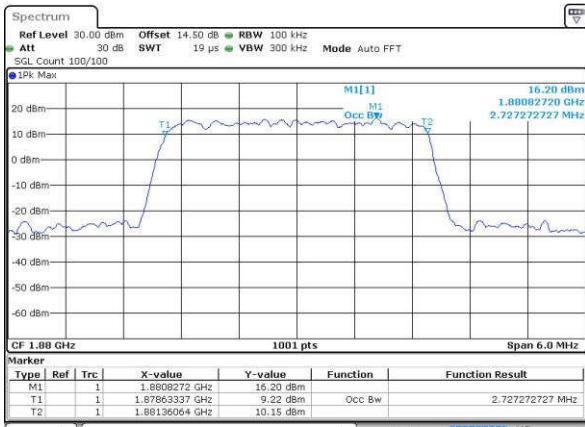
Date: 13 JUN 2017 20:30:23

Lowest Channel / 3MHz / 16QAM



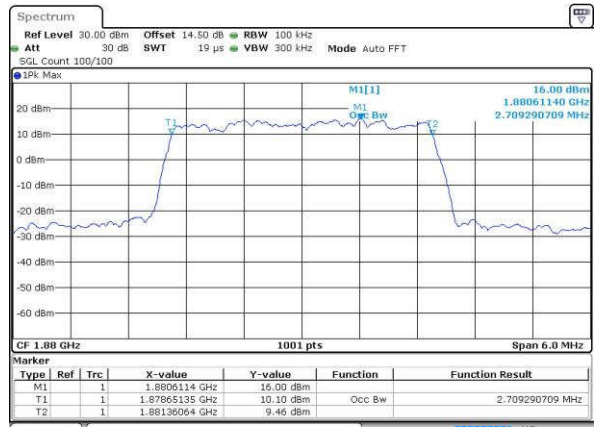
Date: 13 JUN 2017 20:30:33

Middle Channel / 3MHz / QPSK



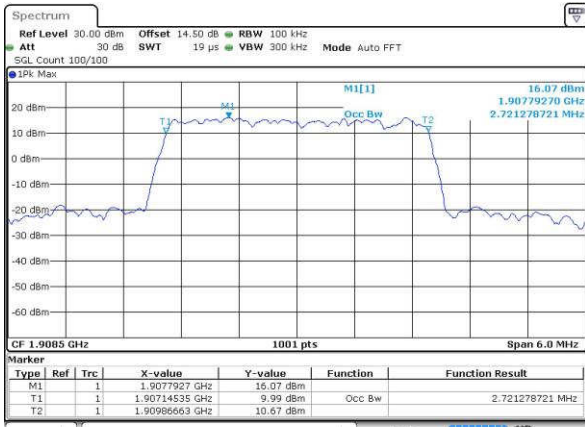
Date: 13 JUN 2017 20:37:25

Middle Channel / 3MHz / 16QAM



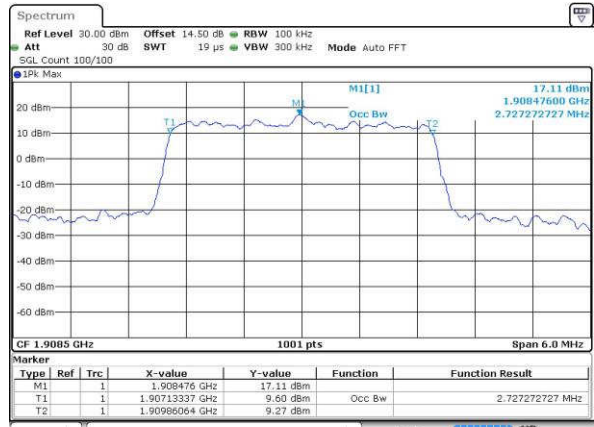
Date: 13 JUN 2017 20:37:35

Highest Channel / 3MHz / QPSK



Date: 13 JUN 2017 20:39:53

Highest Channel / 3MHz / 16QAM



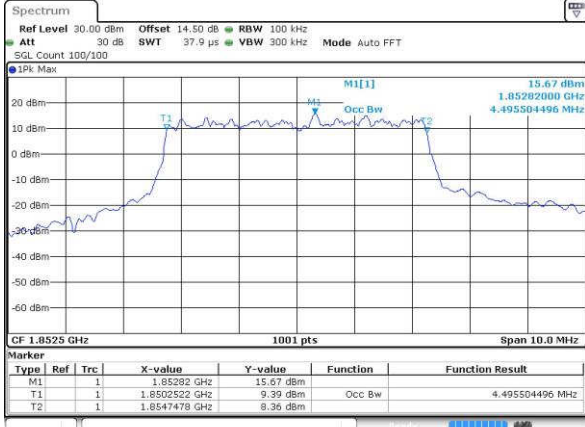
Date: 13 JUN 2017 20:40:03





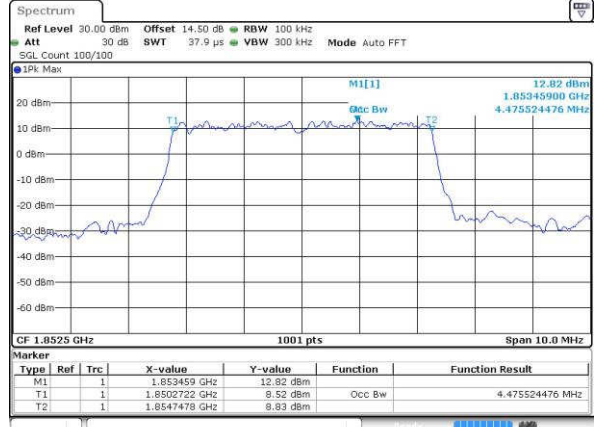
LTE Band 2

Lowest Channel / 5MHz / QPSK



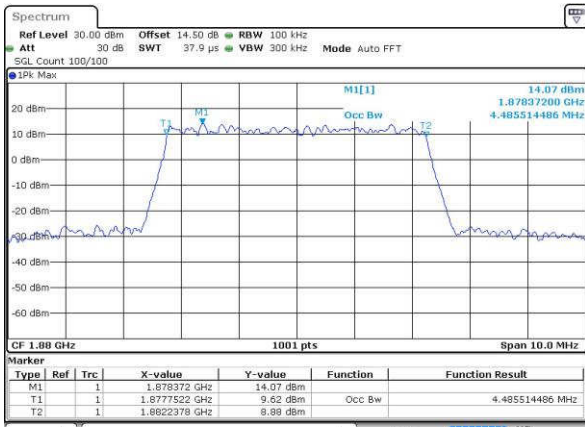
Date: 13 JUN 2017 20:46:55

Lowest Channel / 5MHz / 16QAM



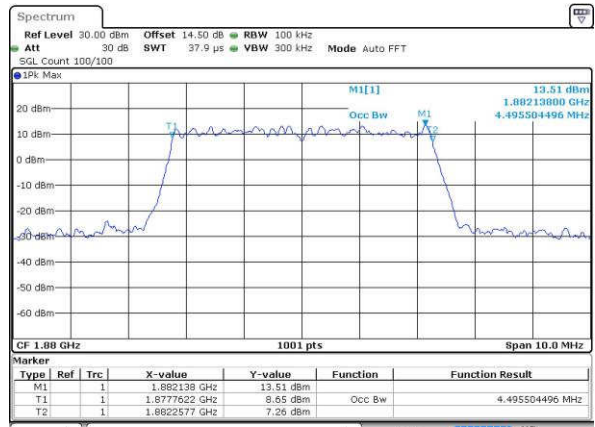
Date: 13 JUN 2017 20:47:05

Middle Channel / 5MHz / QPSK



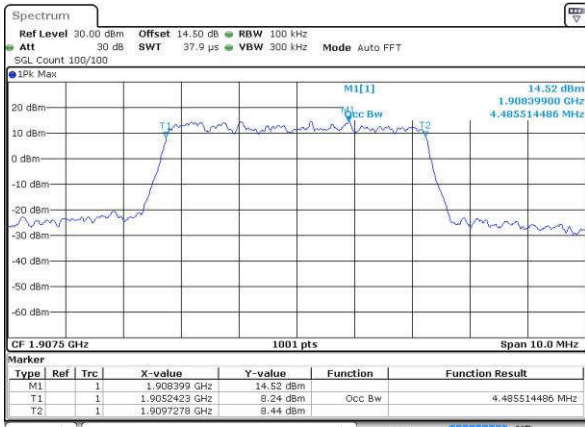
Date: 13 JUN 2017 20:53:56

Middle Channel / 5MHz / 16QAM



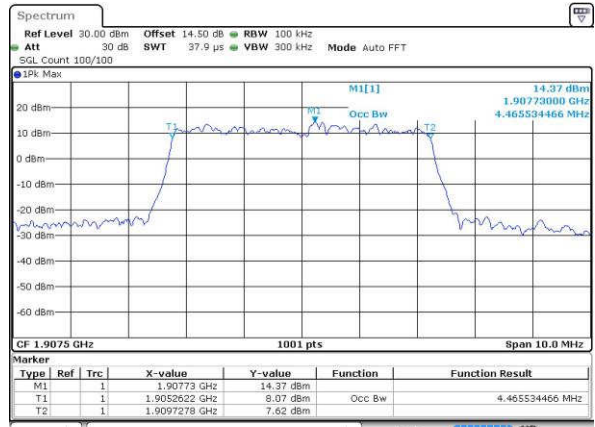
Date: 13 JUN 2017 20:54:06

Highest Channel / 5MHz / QPSK



Date: 13 JUN 2017 20:56:24

Highest Channel / 5MHz / 16QAM

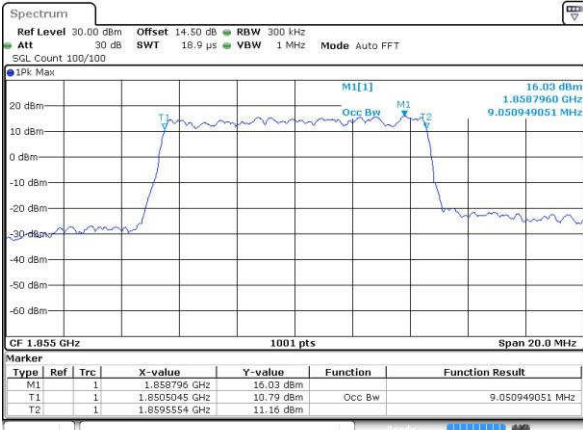


Date: 13 JUN 2017 20:56:34



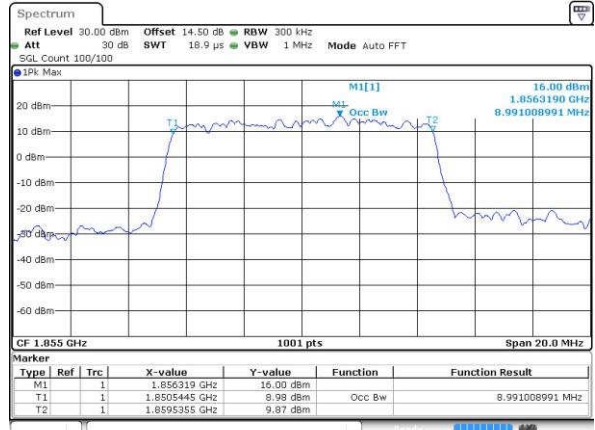
LTE Band 2

Lowest Channel / 10MHz / QPSK



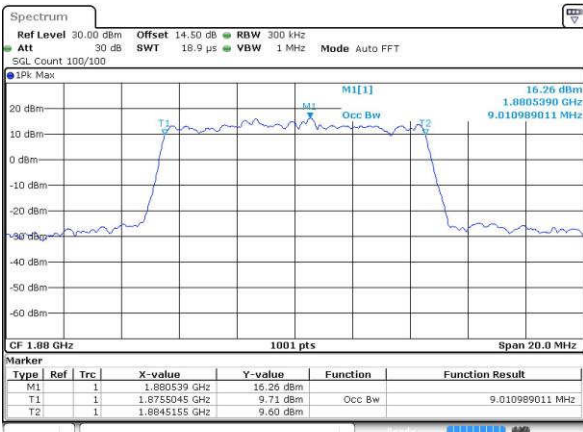
Date: 13 JUN 2017 21:03:25

Lowest Channel / 10MHz / 16QAM



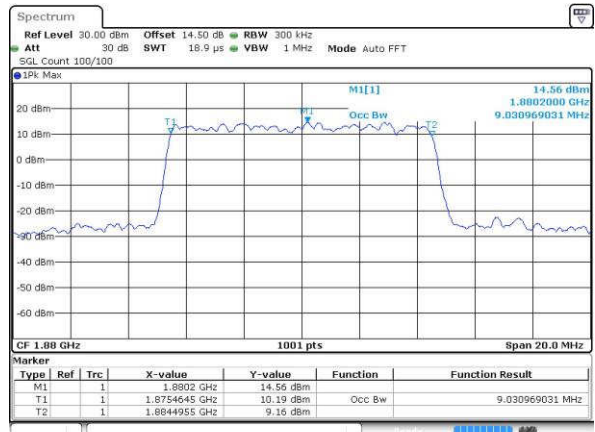
Date: 13 JUN 2017 21:03:36

Middle Channel / 10MHz / QPSK



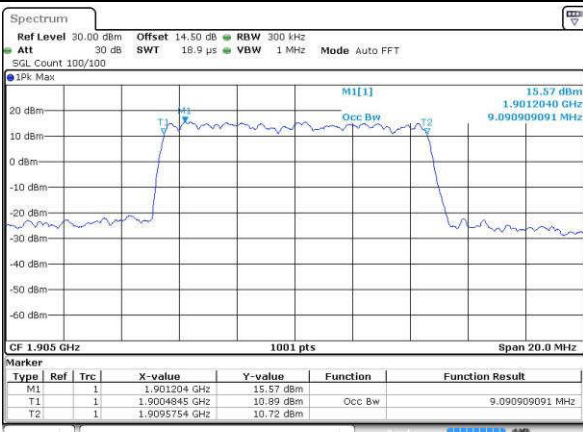
Date: 13 JUN 2017 21:10:27

Middle Channel / 10MHz / 16QAM



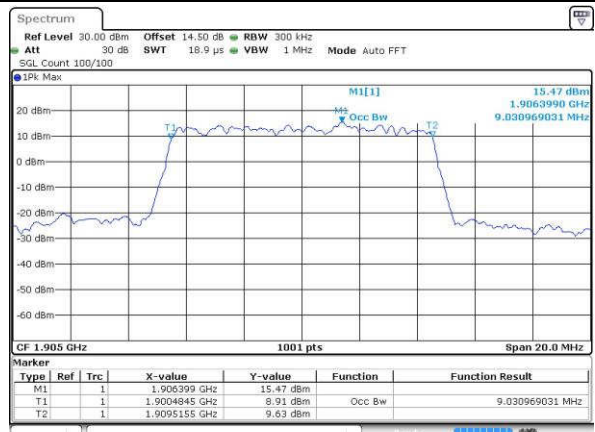
Date: 13 JUN 2017 21:10:37

Highest Channel / 10MHz / QPSK



Date: 13 JUN 2017 21:12:55

Highest Channel / 10MHz / 16QAM

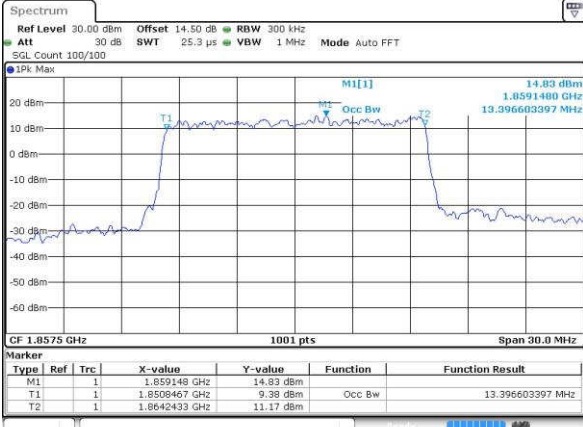


Date: 13 JUN 2017 21:13:06



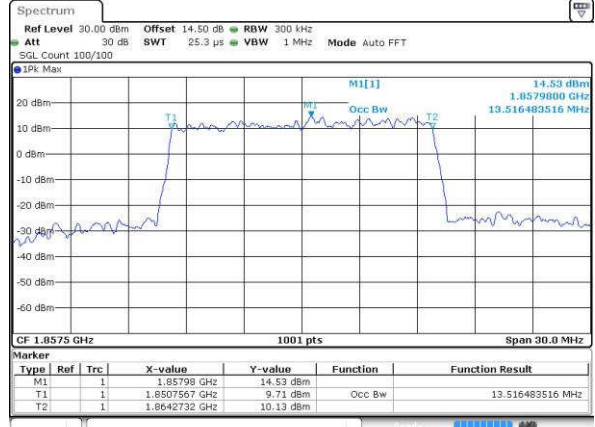
LTE Band 2

Lowest Channel / 15MHz / QPSK



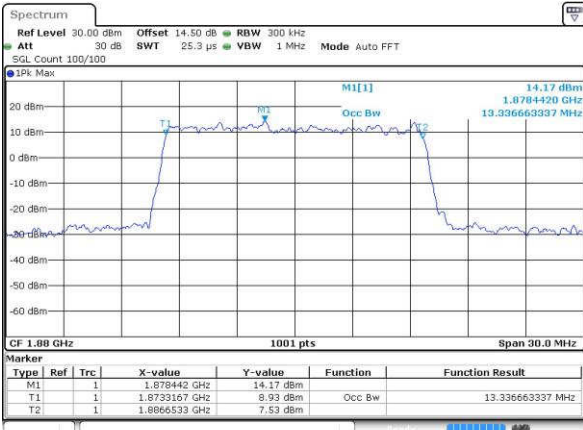
Date: 13 JUN 2017 21:19:57

Lowest Channel / 15MHz / 16QAM



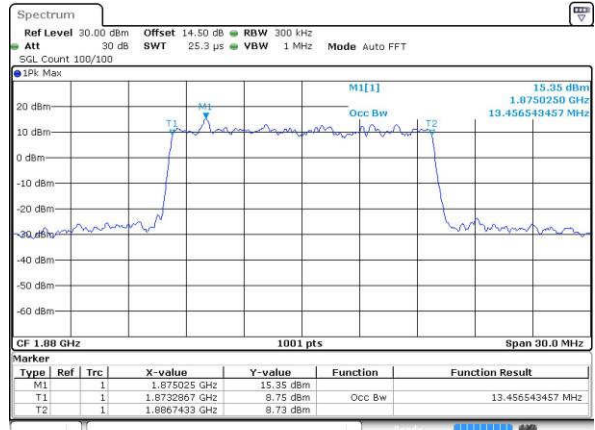
Date: 13 JUN 2017 21:20:07

Middle Channel / 15MHz / QPSK



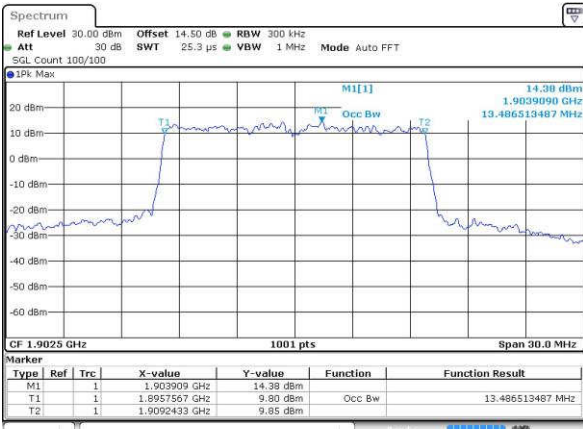
Date: 13 JUN 2017 21:26:58

Middle Channel / 15MHz / 16QAM



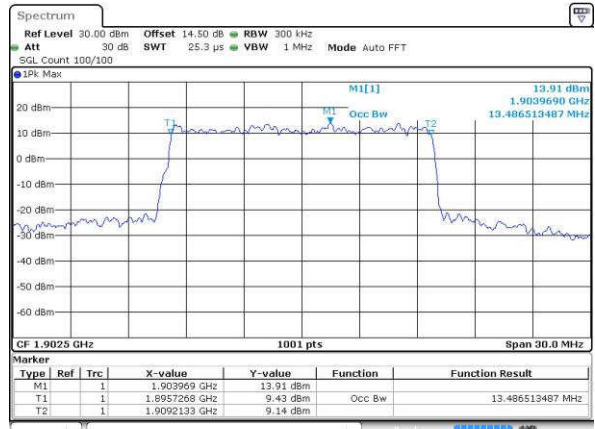
Date: 13 JUN 2017 21:27:09

Highest Channel / 15MHz / QPSK



Date: 13 JUN 2017 21:29:27

Highest Channel / 15MHz / 16QAM

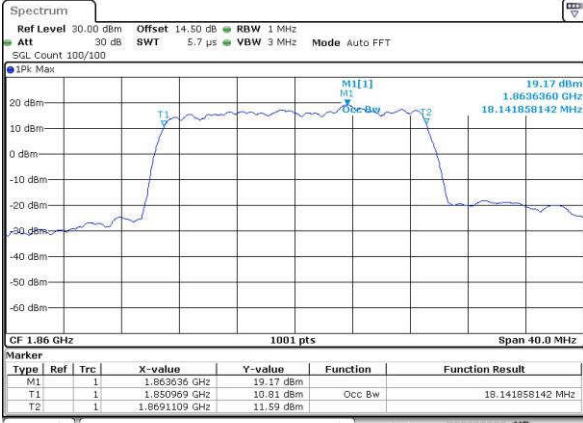


Date: 13 JUN 2017 21:29:37



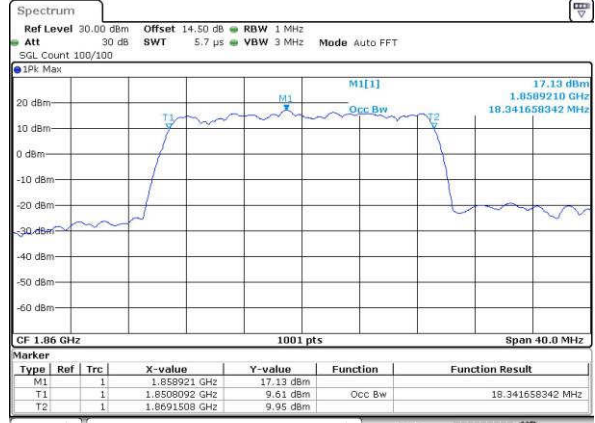
LTE Band 2

Lowest Channel / 20MHz / QPSK



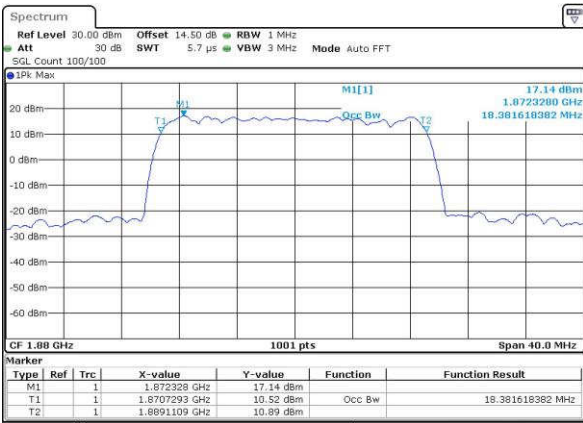
Date: 13 JUN 2017 20:51:16

Lowest Channel / 20MHz / 16QAM



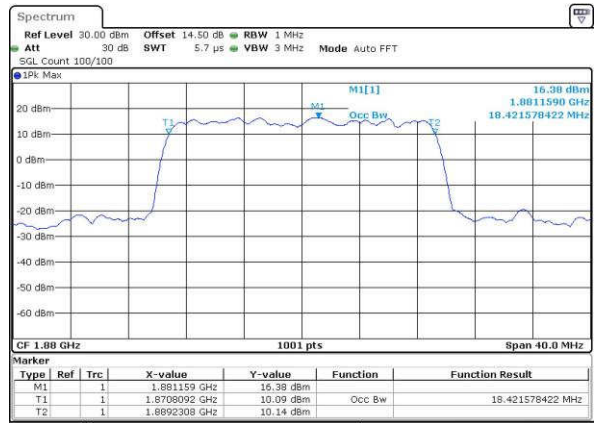
Date: 13 JUN 2017 20:51:27

Middle Channel / 20MHz / QPSK



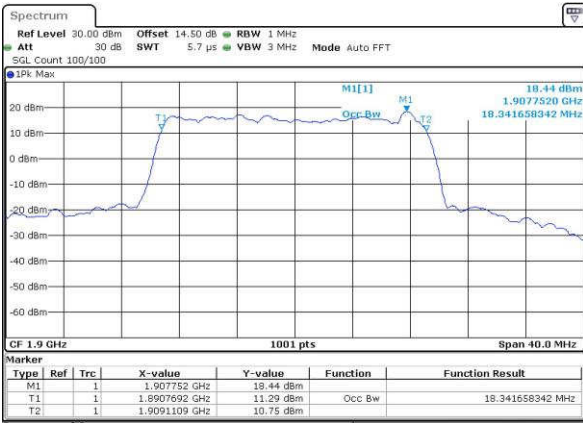
Date: 13 JUN 2017 20:51:59

Middle Channel / 20MHz / 16QAM



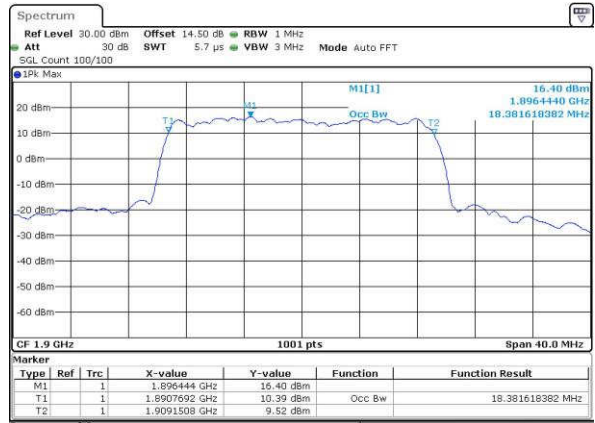
Date: 13 JUN 2017 20:52:09

Highest Channel / 20MHz / QPSK



Date: 13 JUN 2017 20:52:41

Highest Channel / 20MHz / 16QAM

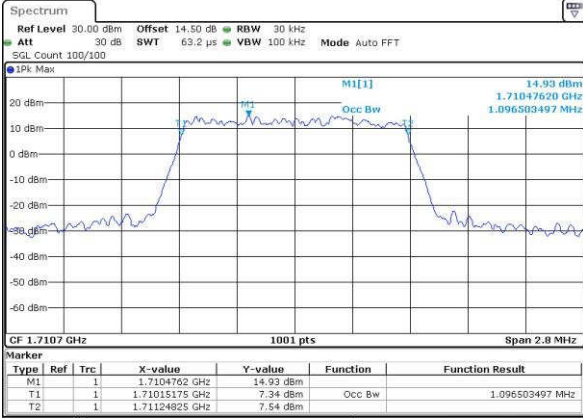


Date: 13 JUN 2017 20:52:52



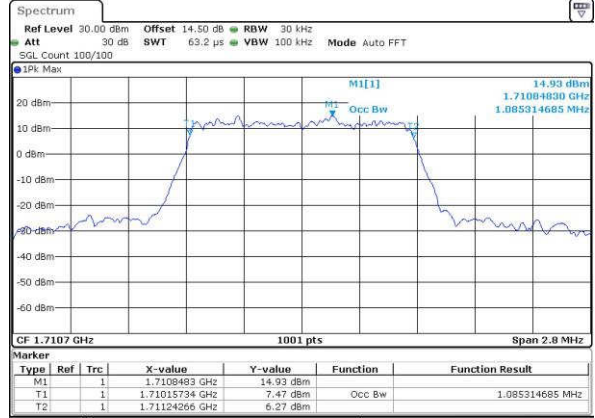
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



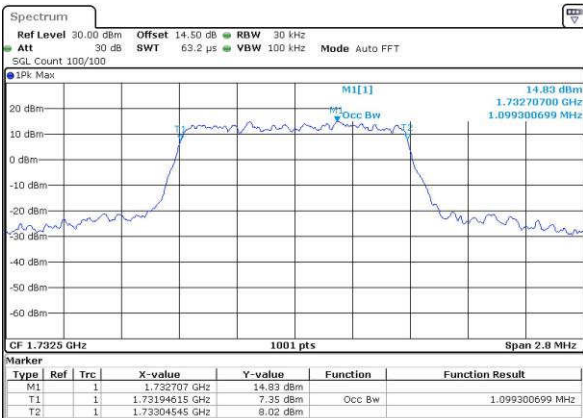
Date: 13 JUN 2017 21:19:10

Lowest Channel / 1.4MHz / 16QAM



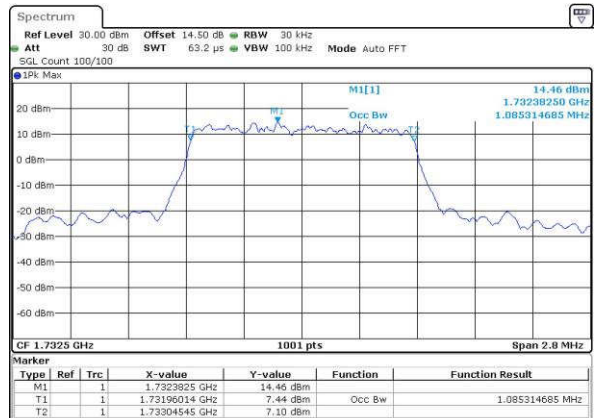
Date: 13 JUN 2017 21:19:21

Middle Channel / 1.4MHz / QPSK



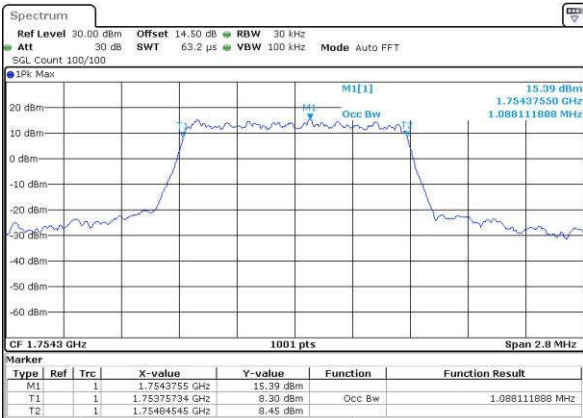
Date: 13 JUN 2017 21:26:27

Middle Channel / 1.4MHz / 16QAM



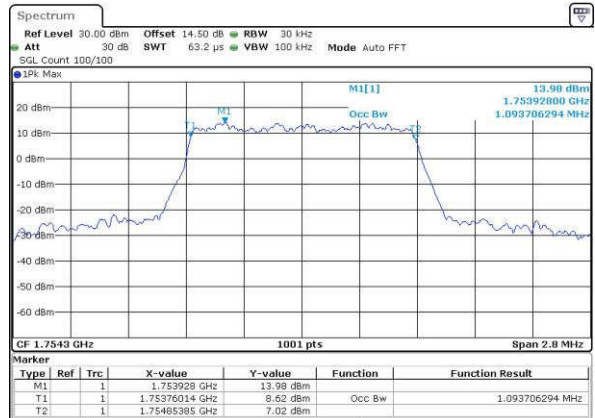
Date: 13 JUN 2017 21:26:38

Highest Channel / 1.4MHz / QPSK



Date: 13 JUN 2017 21:29:02

Highest Channel / 1.4MHz / 16QAM



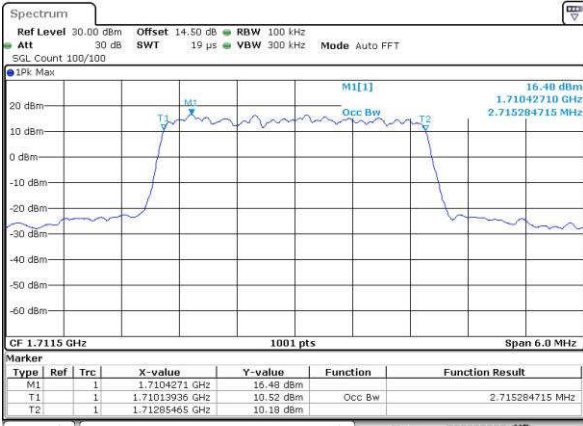
Date: 13 JUN 2017 21:29:13



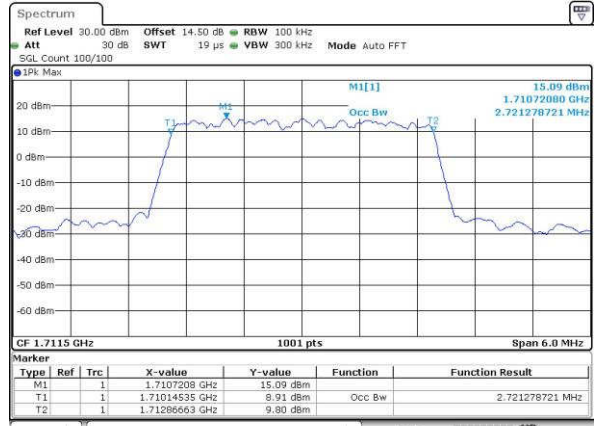


LTE Band 4

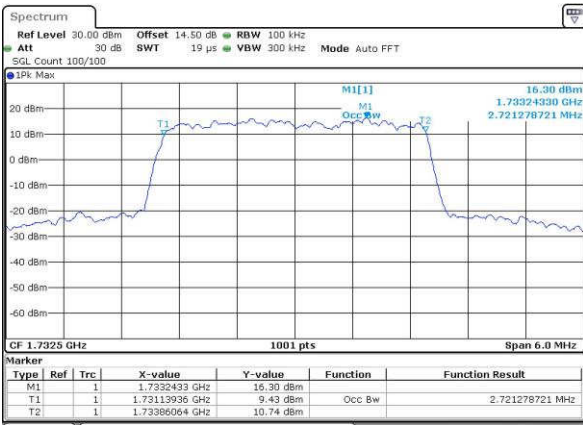
Lowest Channel / 3MHz / QPSK



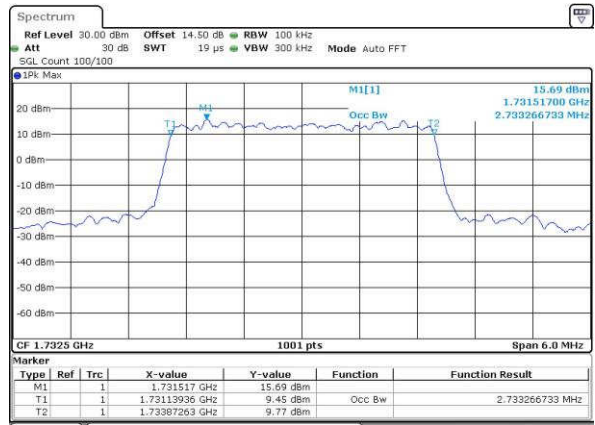
Lowest Channel / 3MHz / 16QAM



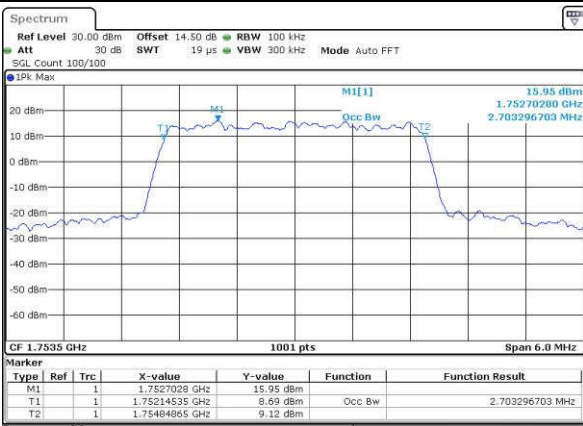
Middle Channel / 3MHz / QPSK



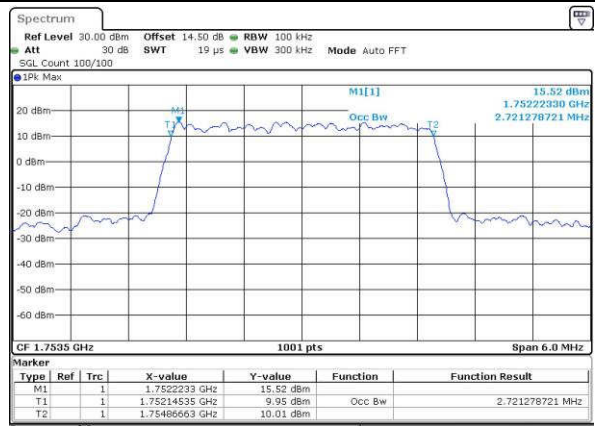
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



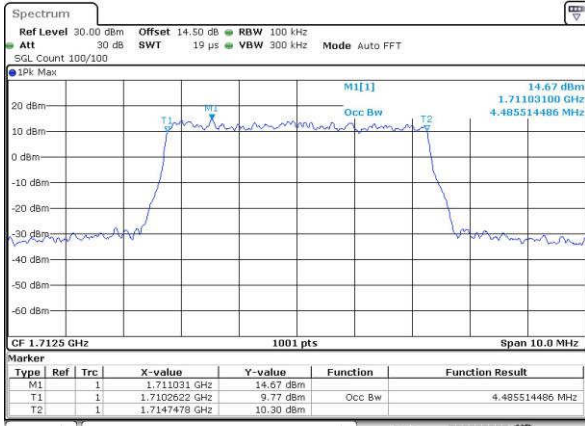
Highest Channel / 3MHz / 16QAM





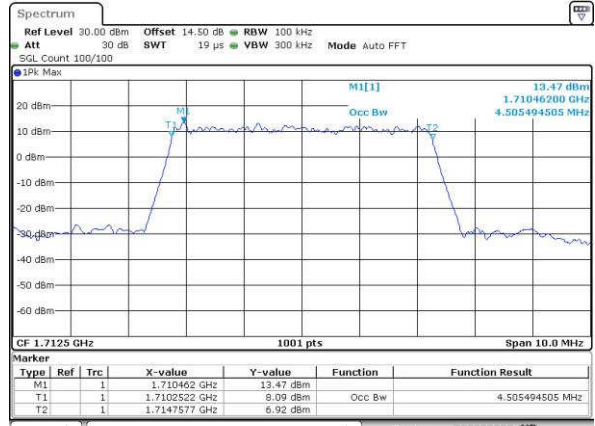
LTE Band 4

Lowest Channel / 5MHz / QPSK



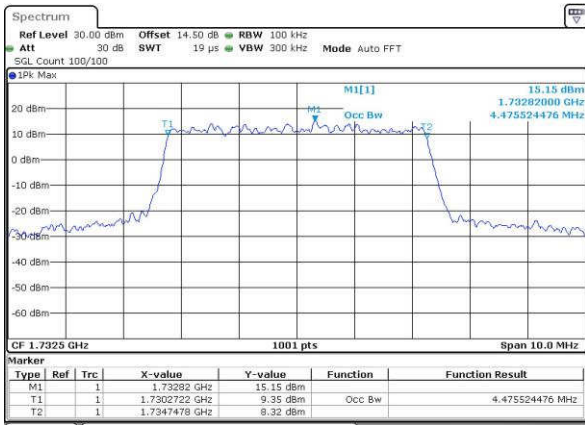
Date: 13\_JUN,2017 21:53:28

Lowest Channel / 5MHz / 16QAM



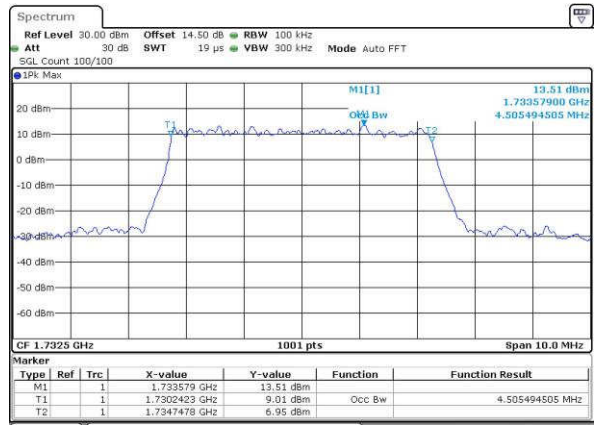
Date: 13\_JUN,2017 21:53:39

Middle Channel / 5MHz / QPSK



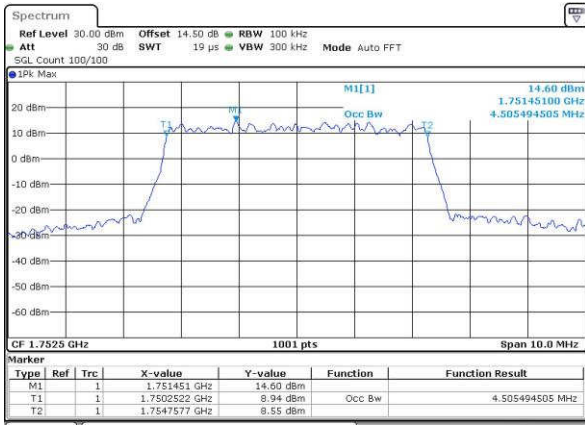
Date: 13\_JUN,2017 22:00:45

Middle Channel / 5MHz / 16QAM



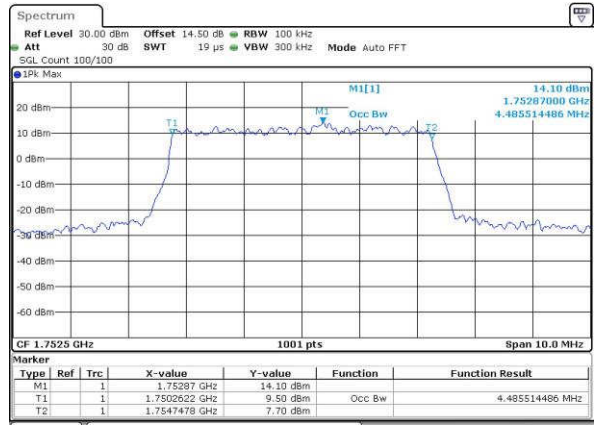
Date: 13\_JUN,2017 22:00:55

Highest Channel / 5MHz / QPSK



Date: 13\_JUN,2017 22:03:21

Highest Channel / 5MHz / 16QAM

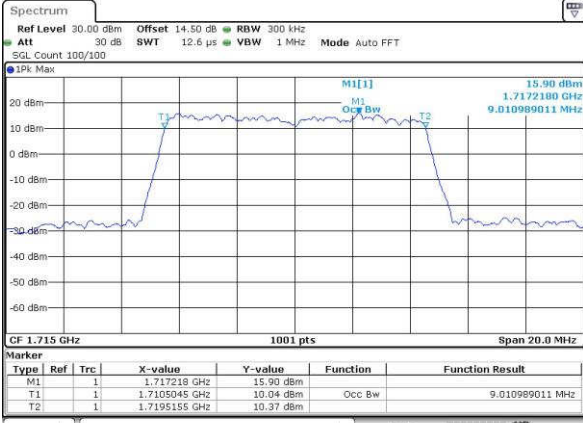


Date: 13\_JUN,2017 22:03:32



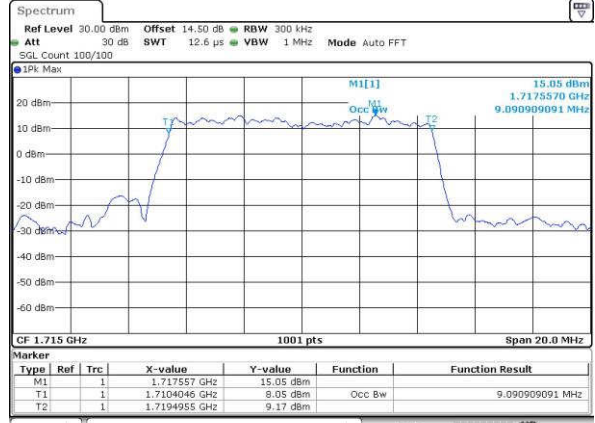
LTE Band 4

Lowest Channel / 10MHz / QPSK



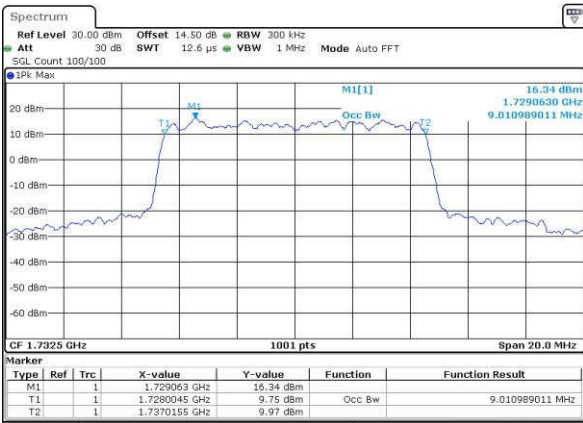
Date: 13 JUN 2017 22:10:38

Lowest Channel / 10MHz / 16QAM



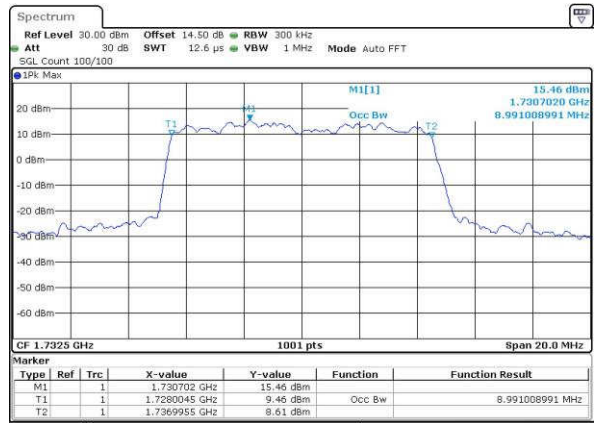
Date: 13 JUN 2017 22:10:49

Middle Channel / 10MHz / QPSK



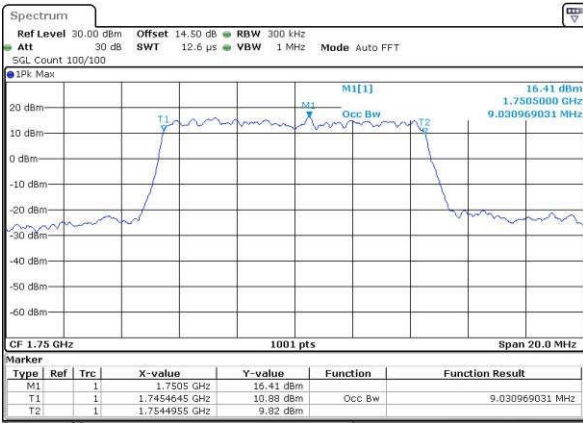
Date: 13 JUN 2017 22:17:05

Middle Channel / 10MHz / 16QAM



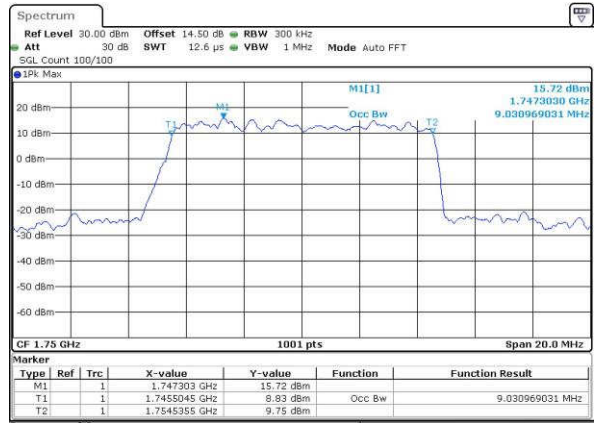
Date: 13 JUN 2017 22:18:05

Highest Channel / 10MHz / QPSK



Date: 13 JUN 2017 22:20:33

Highest Channel / 10MHz / 16QAM

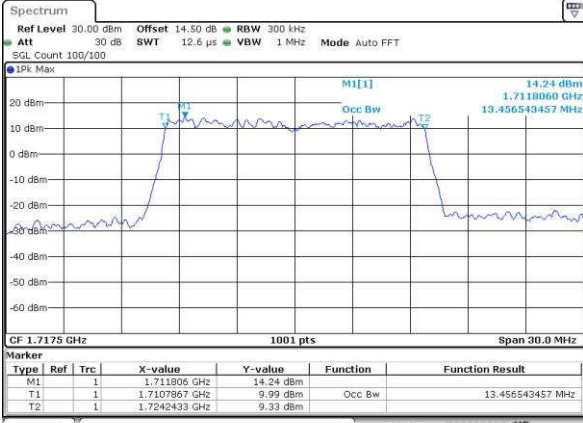


Date: 13 JUN 2017 22:20:41



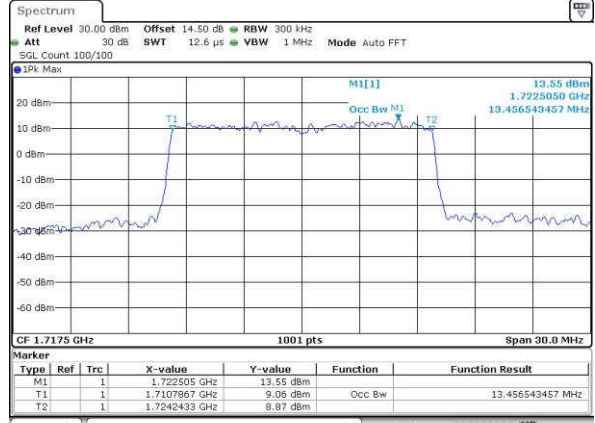
LTE Band 4

Lowest Channel / 15MHz / QPSK



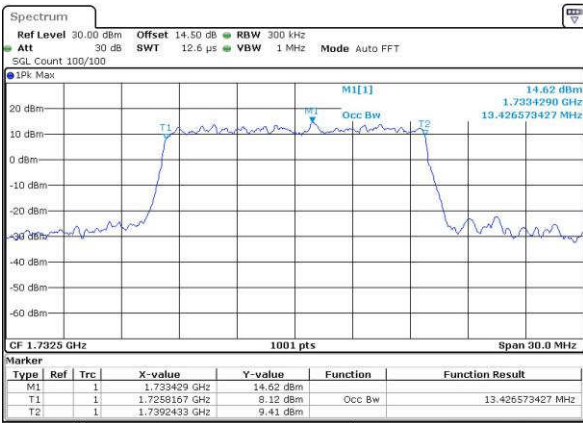
Date: 13 JUN 2017 22:27:48

Lowest Channel / 15MHz / 16QAM



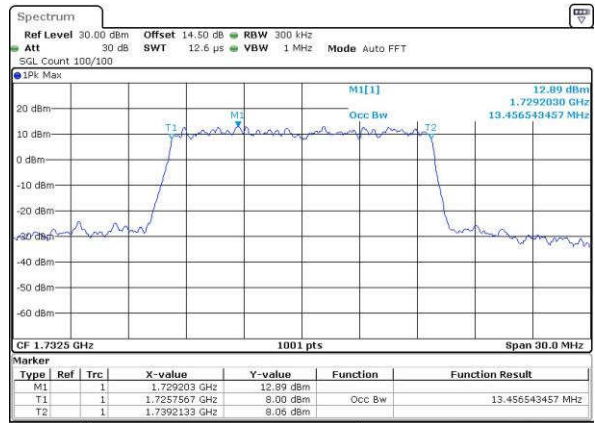
Date: 13 JUN 2017 22:27:58

Middle Channel / 15MHz / QPSK



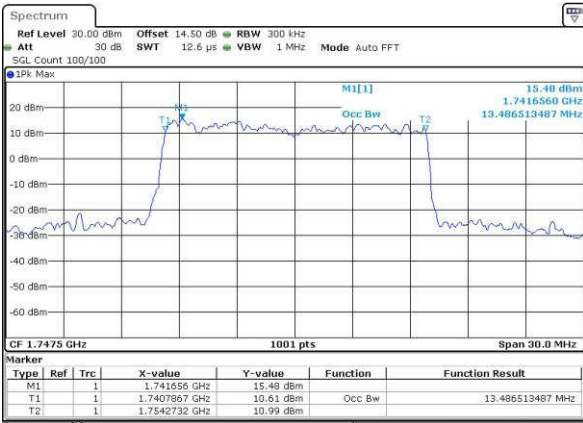
Date: 13 JUN 2017 22:35:04

Middle Channel / 15MHz / 16QAM



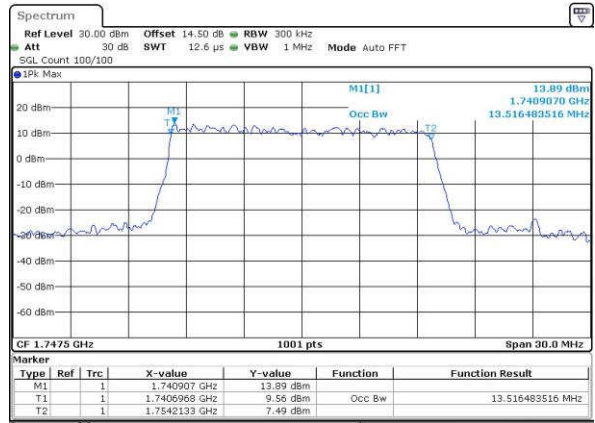
Date: 13 JUN 2017 22:35:15

Highest Channel / 15MHz / QPSK



Date: 13 JUN 2017 22:37:41

Highest Channel / 15MHz / 16QAM

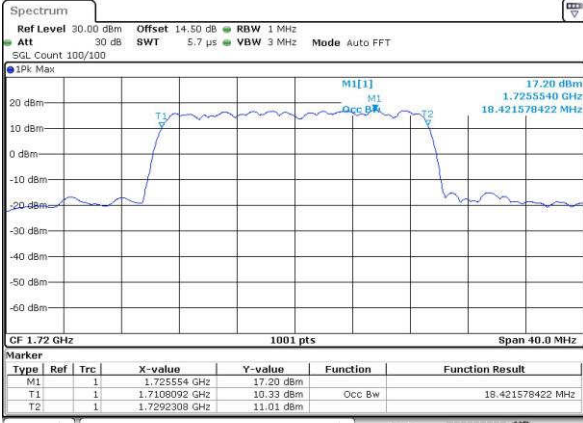


Date: 13 JUN 2017 22:37:52



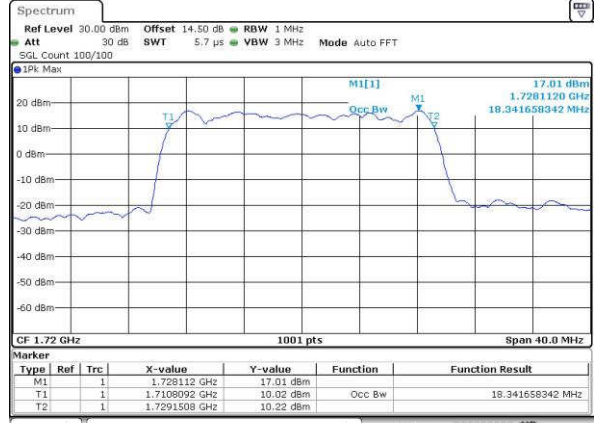
LTE Band 4

Lowest Channel / 20MHz / QPSK



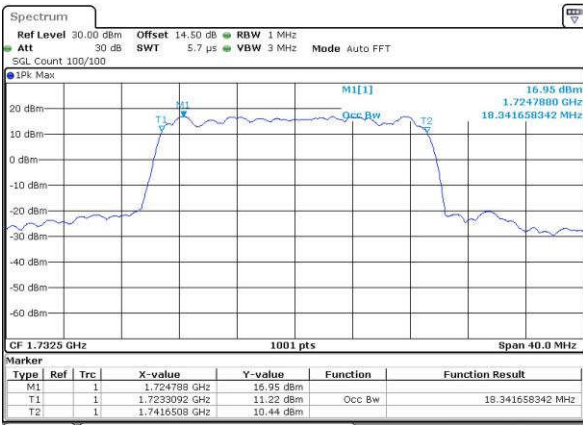
Date: 13 JUN 2017 22:44:57

Lowest Channel / 20MHz / 16QAM



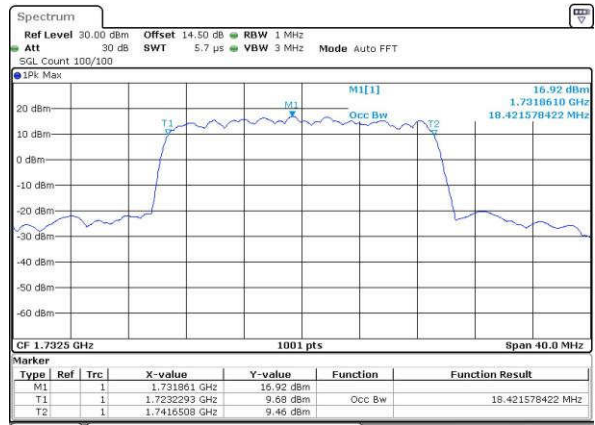
Date: 13 JUN 2017 22:45:08

Middle Channel / 20MHz / QPSK



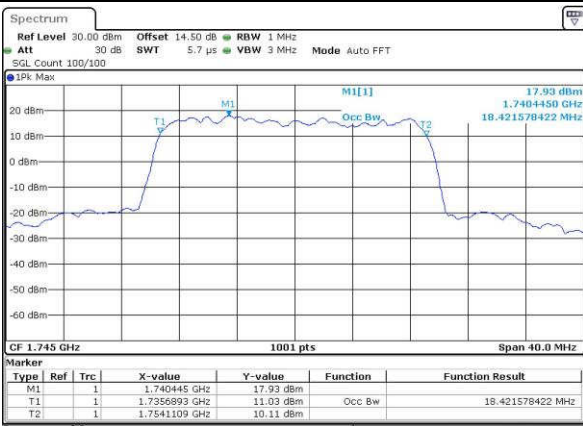
Date: 13 JUN 2017 22:52:14

Middle Channel / 20MHz / 16QAM



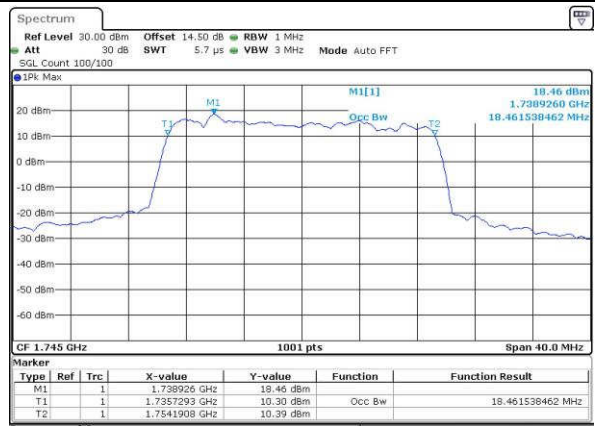
Date: 13 JUN 2017 22:52:25

Highest Channel / 20MHz / QPSK



Date: 13 JUN 2017 22:54:50

Highest Channel / 20MHz / 16QAM



Date: 13 JUN 2017 22:55:01