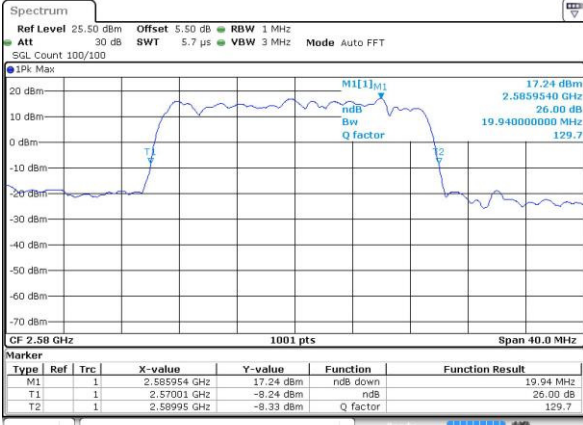




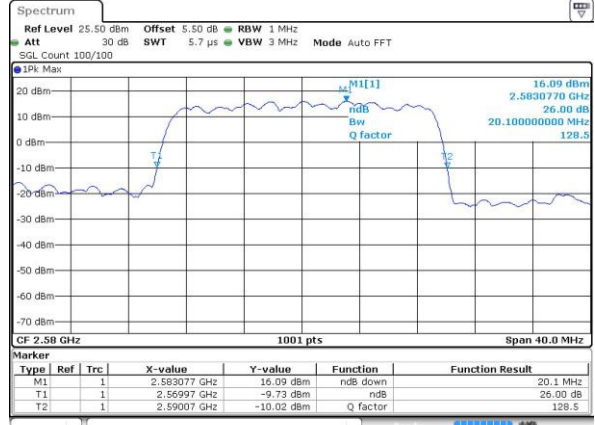
LTE Band 38

Lowest Channel / 20MHz / QPSK



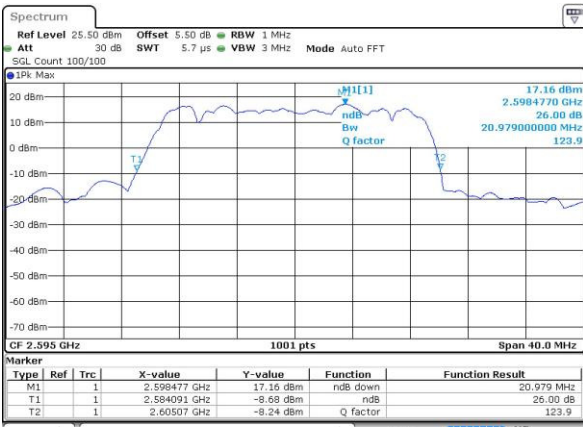
Date: 5 JUL 2016 01:15:09

Lowest Channel / 20MHz / 16QAM



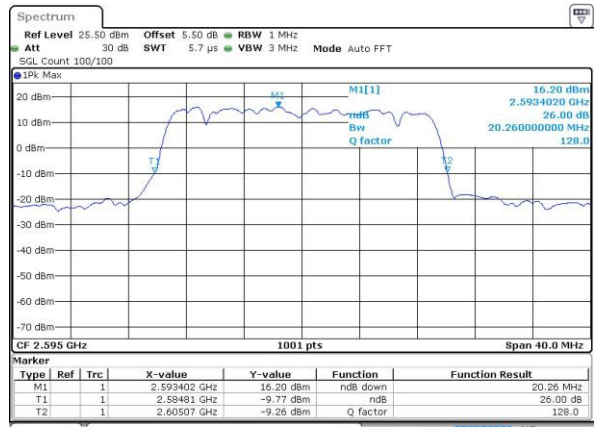
Date: 5 JUL 2016 01:15:28

Middle Channel / 20MHz / QPSK



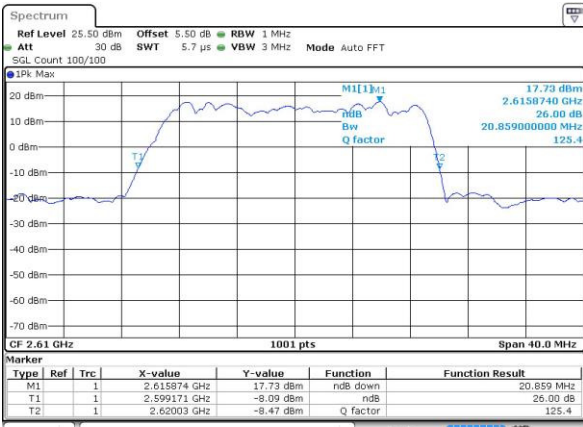
Date: 5 JUL 2016 01:16:19

Middle Channel / 20MHz / 16QAM



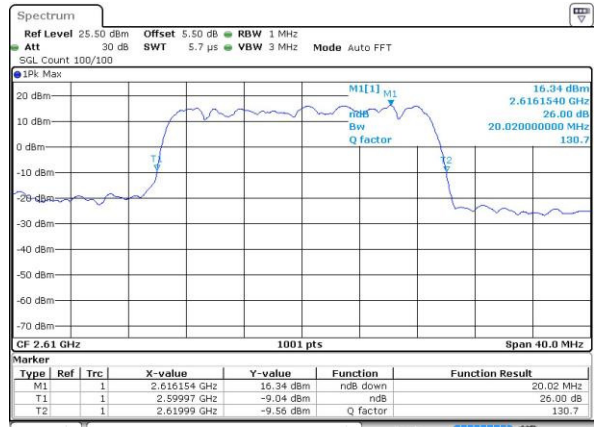
Date: 5 JUL 2016 01:15:49

Highest Channel / 20MHz / QPSK



Date: 5 JUL 2016 01:16:42

Highest Channel / 20MHz / 16QAM



Date: 5 JUL 2016 01:17:26



## 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	1.1	2.72	2.71	4.49	4.49	9.13	9.05	13.43	13.4	18.22	18.22
Middle CH	1.1	1.1	2.73	2.71	4.5	4.5	9.09	8.99	13.49	13.52	18.5	18.34
Highest CH	1.1	1.09	2.73	2.71	4.49	4.5	8.99	9.03	13.43	13.49	18.38	18.46

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	1.1	1.1	2.72	2.71	4.5	4.5	9.01	9.05	13.46	13.34	18.14	18.18
Middle CH	1.09	1.09	2.72	2.72	4.49	4.51	9.09	9.01	13.58	13.37	18.54	18.54
Highest CH	1.1	1.1	2.73	2.7	4.5	4.5	9.13	9.09	13.4	13.49	18.54	18.34

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	1.1	2.74	2.72	4.49	4.5	9.07	9.07	-	-	-	-
Middle CH	1.1	1.1	2.73	2.72	4.49	4.49	8.97	9.07	-	-	-	-
Highest CH	1.09	1.1	2.72	2.73	4.48	4.49	9.19	9.11	-	-	-	-

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	-	-	-	-	4.49	4.52	9.15	8.97	13.49	13.55	18.46	18.34
Middle CH	-	-	-	-	4.48	4.5	9.03	8.97	13.46	13.46	18.42	18.46
Highest CH	-	-	-	-	4.49	4.49	9.05	9.03	13.46	13.52	18.38	18.46

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	1.1	2.71	2.72	4.49	4.51	9.09	9.07	-	-	-	-
Middle CH	1.1	1.09	2.73	2.7	4.48	4.49	9.03	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.73	4.5	4.49	8.95	9.05	-	-	-	-



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	-	-	-	-	4.5	4.5	8.91	9.01	-	-	-	-
Middle CH	-	-	-	-	4.49	4.47	9.01	9.03	-	-	-	-
Highest CH	-	-	-	-	4.51	4.49	9.05	8.99	-	-	-	-

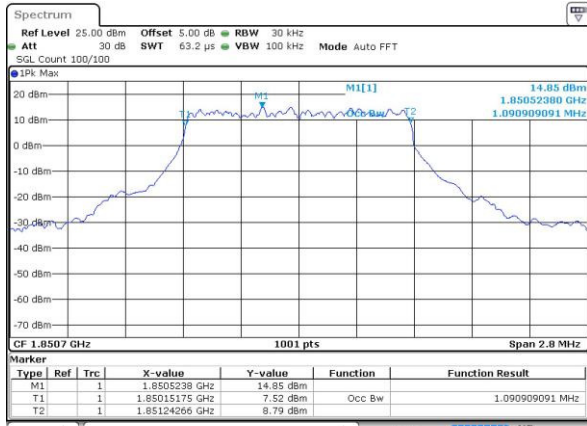
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	-	-	-	-	-	-
Middle CH	-	-	-	-	-	-	-	-	-	-	-	-
Highest CH	1.1	1.09	2.72	2.72	4.48	4.51	9.05	9.01	13.46	13.43	18.5	18.26

Mode	LTE Band 38 : 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	4.49	9.01	8.97	13.58	13.37	18.3	18.26
Middle CH	-	-	-	-	4.48	4.49	8.97	9.01	13.46	13.43	18.26	18.3
Highest CH	-	-	-	-	4.48	4.5	9.07	9.05	13.43	13.34	18.14	18.26



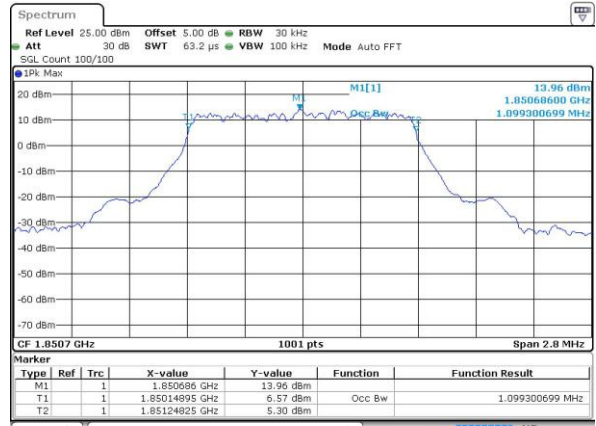
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



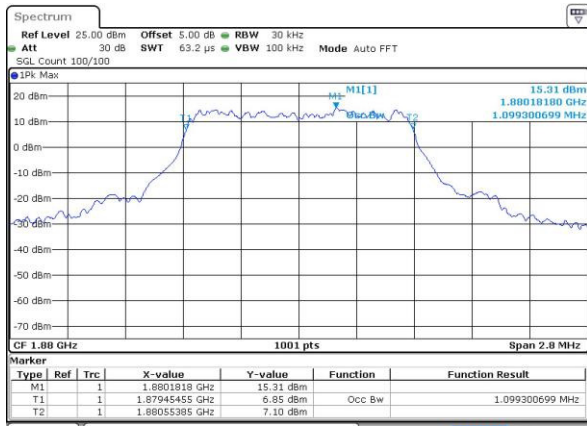
Date: 4 JUL 2016 09:44:33

Lowest Channel / 1.4MHz / 16QAM



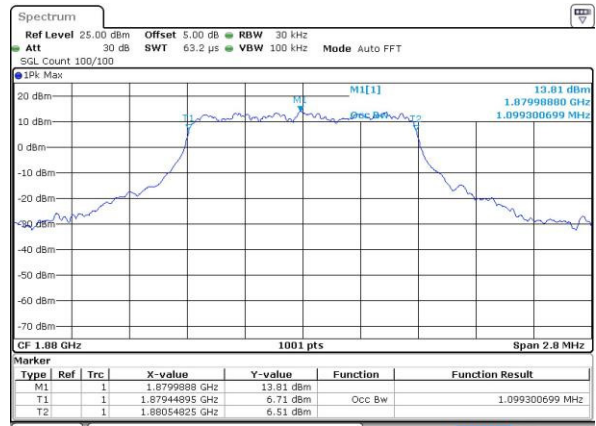
Date: 4 JUL 2016 09:44:44

Middle Channel / 1.4MHz / QPSK



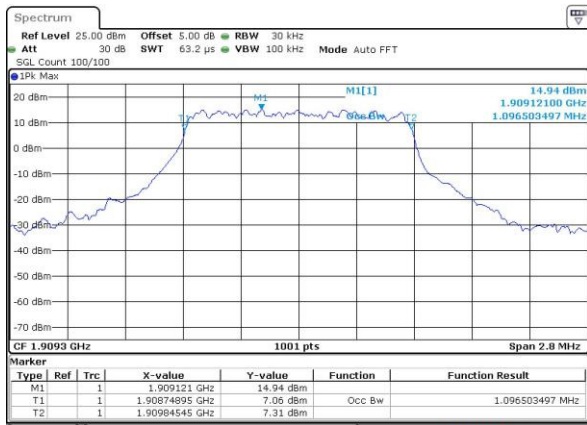
Date: 4 JUL 2016 09:57:26

Middle Channel / 1.4MHz / 16QAM



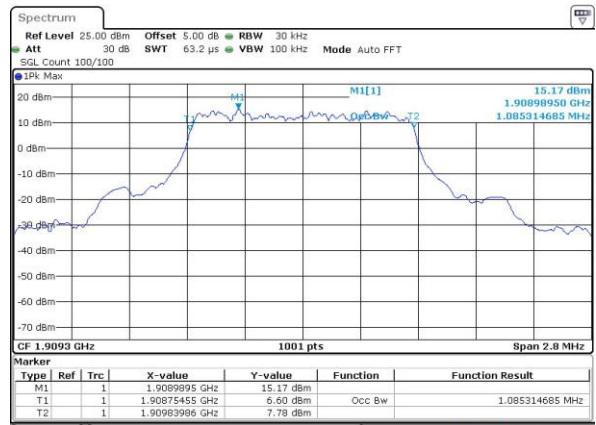
Date: 4 JUL 2016 09:57:37

Highest Channel / 1.4MHz / QPSK



Date: 4 JUL 2016 10:00:02

Highest Channel / 1.4MHz / 16QAM



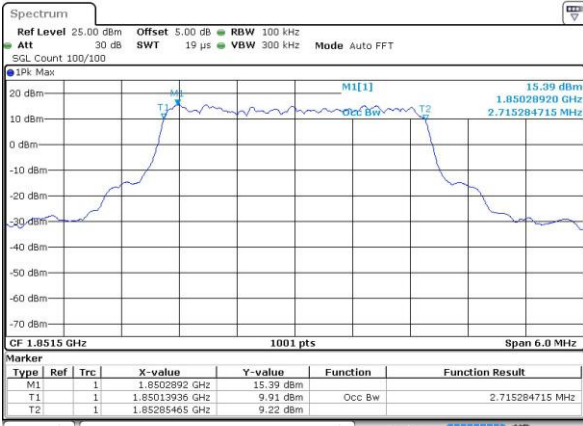
Date: 4 JUL 2016 10:00:13





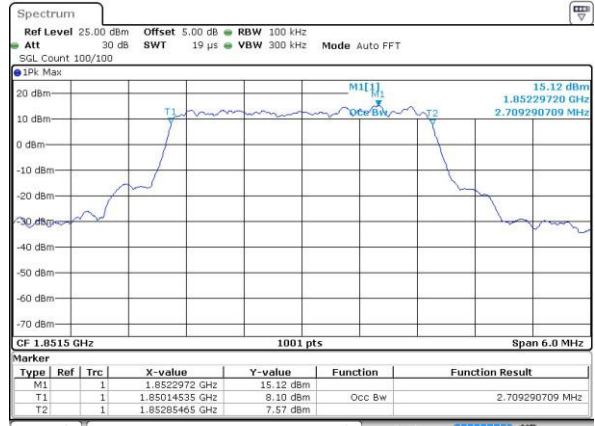
LTE Band 2

Lowest Channel / 3MHz / QPSK



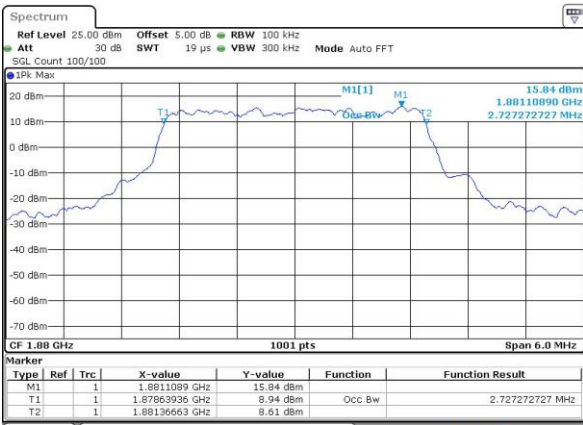
Date: 4.JUL.2016 10:07:14

Lowest Channel / 3MHz / 16QAM



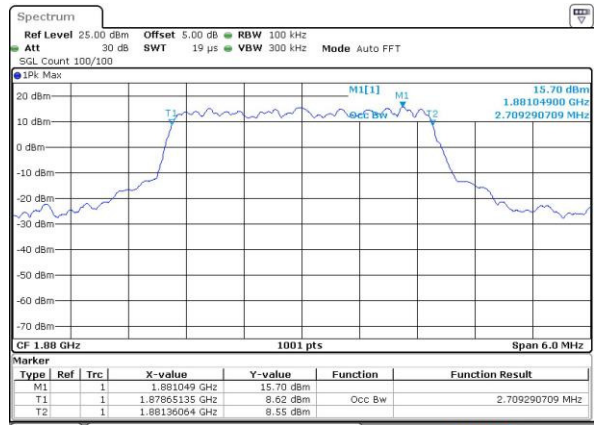
Date: 4.JUL.2016 10:07:25

Middle Channel / 3MHz / QPSK



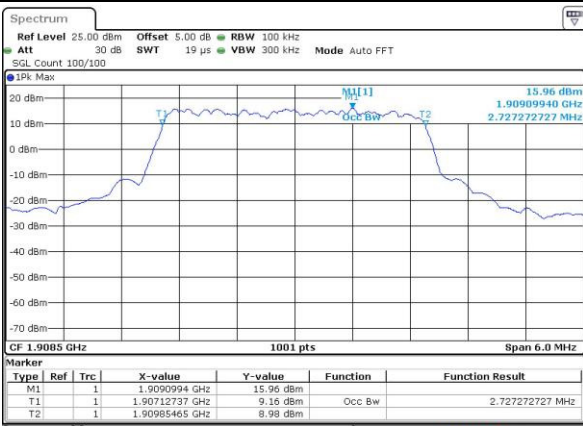
Date: 4.JUL.2016 10:14:25

Middle Channel / 3MHz / 16QAM



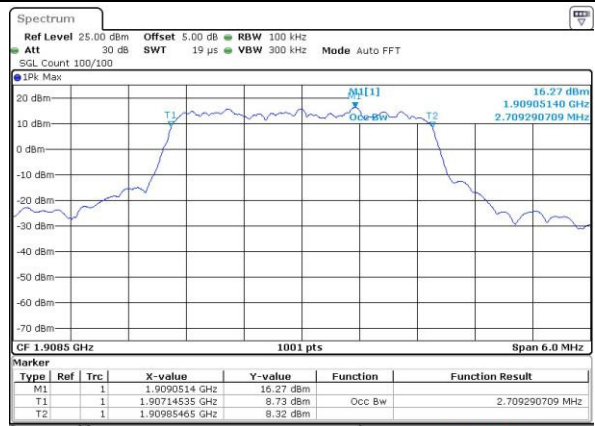
Date: 4.JUL.2016 10:14:36

Highest Channel / 3MHz / QPSK



Date: 4.JUL.2016 10:17:02

Highest Channel / 3MHz / 16QAM

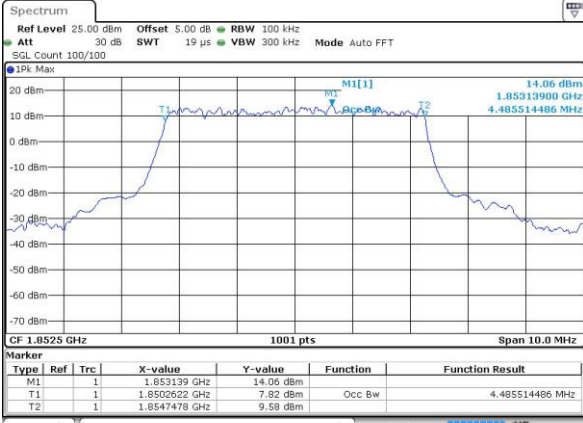


Date: 4.JUL.2016 10:17:13



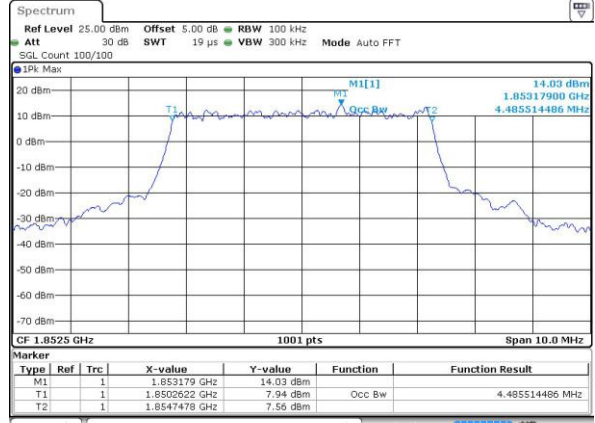
LTE Band 2

Lowest Channel / 5MHz / QPSK



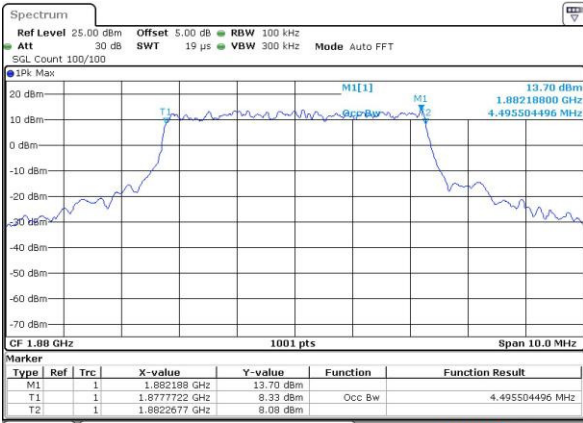
Date: 4.JUL.2016 10:24:16

Lowest Channel / 5MHz / 16QAM



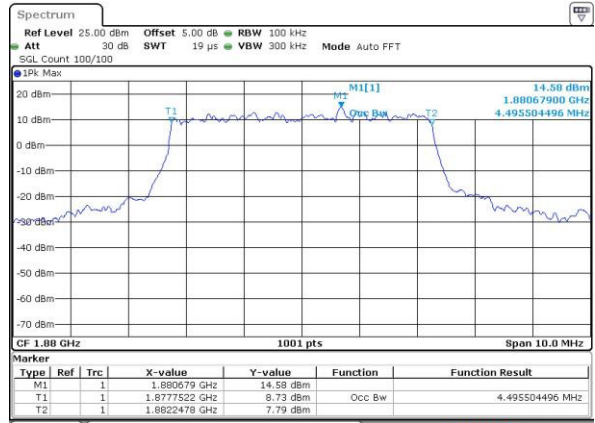
Date: 4.JUL.2016 10:24:27

Middle Channel / 5MHz / QPSK



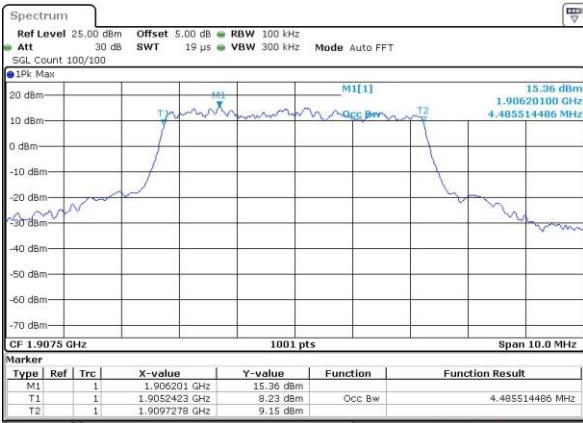
Date: 4.JUL.2016 10:31:27

Middle Channel / 5MHz / 16QAM



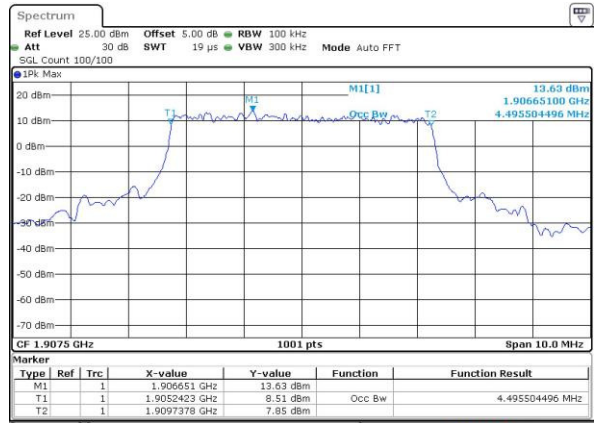
Date: 4.JUL.2016 10:31:38

Highest Channel / 5MHz / QPSK



Date: 4.JUL.2016 10:34:04

Highest Channel / 5MHz / 16QAM

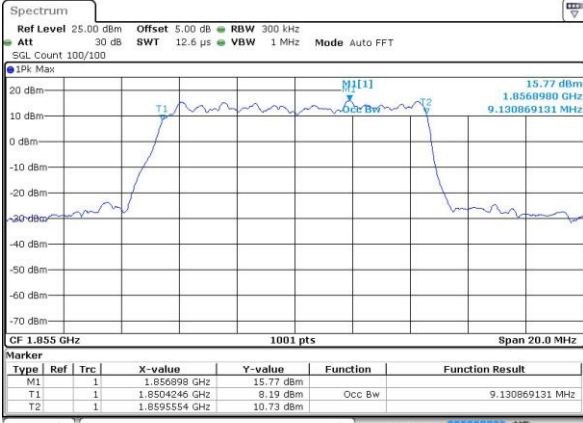


Date: 4.JUL.2016 10:34:15



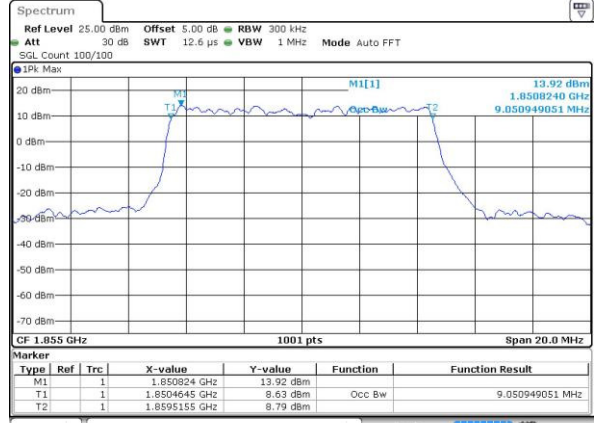
LTE Band 2

Lowest Channel / 10MHz / QPSK



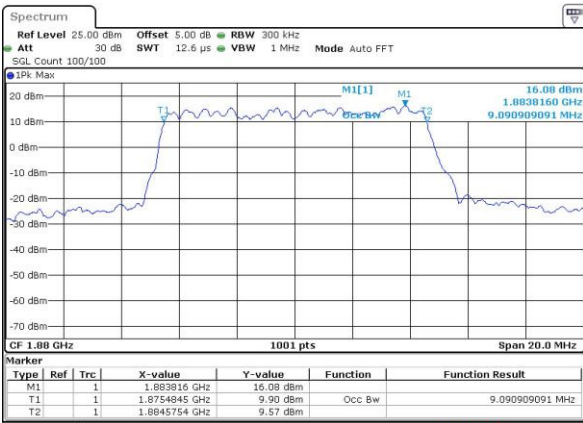
Date: 4.JUL.2016 10:41:17

Lowest Channel / 10MHz / 16QAM



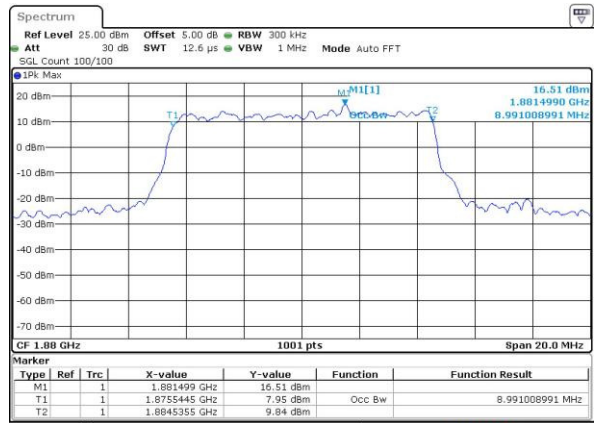
Date: 4.JUL.2016 10:41:28

Middle Channel / 10MHz / QPSK



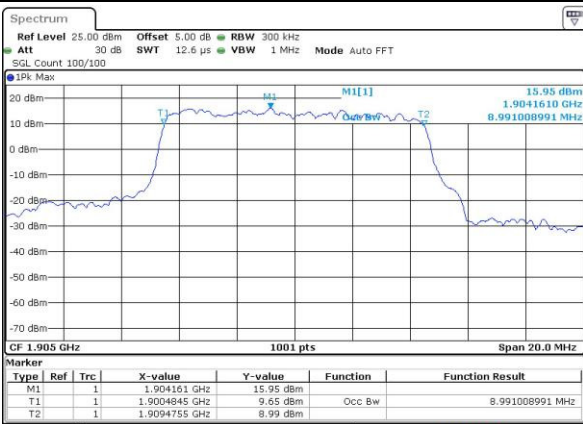
Date: 4.JUL.2016 10:48:29

Middle Channel / 10MHz / 16QAM



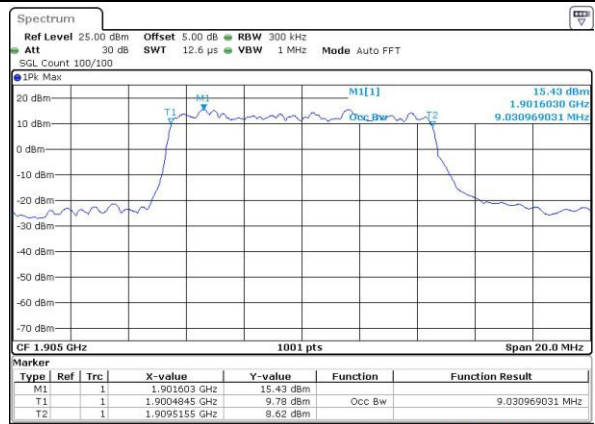
Date: 4.JUL.2016 10:48:40

Highest Channel / 10MHz / QPSK



Date: 4.JUL.2016 10:51:06

Highest Channel / 10MHz / 16QAM

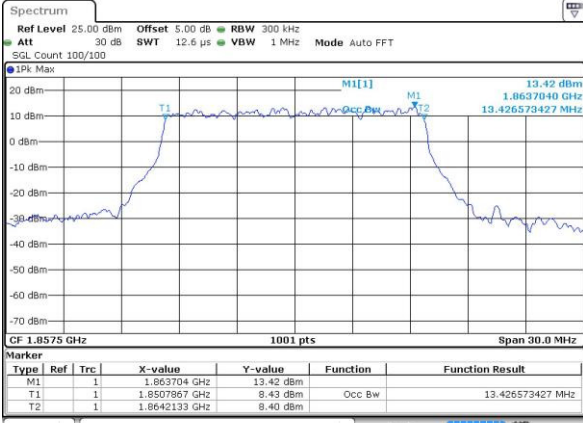


Date: 4.JUL.2016 10:51:16



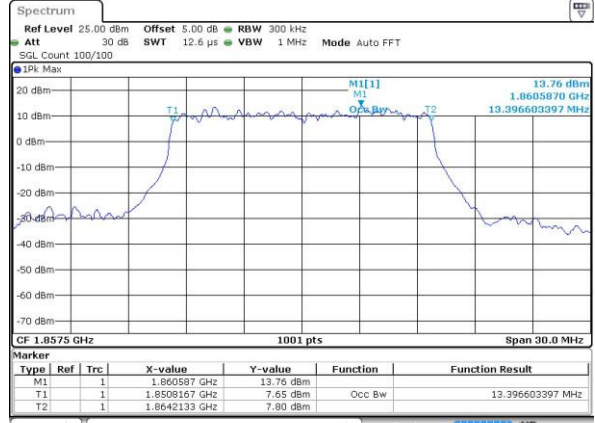
LTE Band 2

Lowest Channel / 15MHz / QPSK



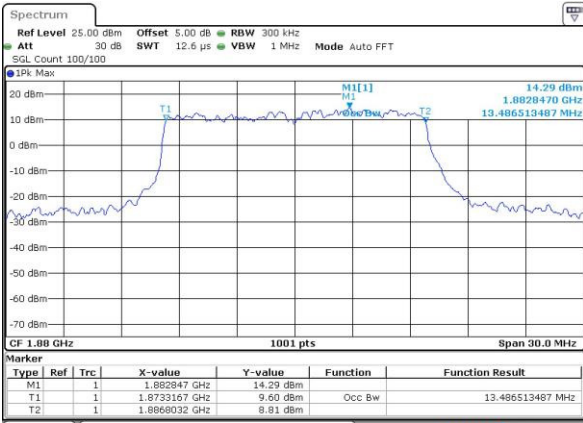
Date: 4.JUL.2016 10:58:18

Lowest Channel / 15MHz / 16QAM



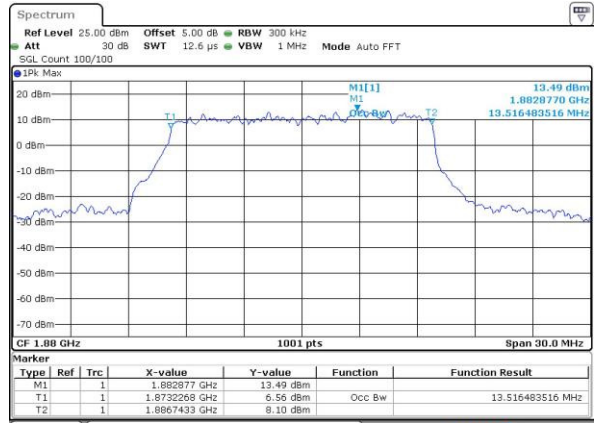
Date: 4.JUL.2016 10:58:29

Middle Channel / 15MHz / QPSK



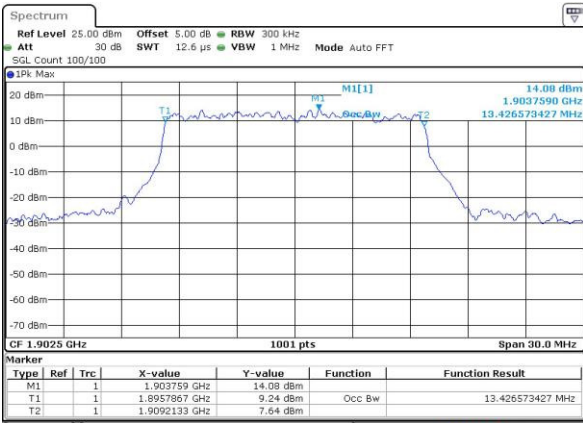
Date: 4.JUL.2016 11:05:31

Middle Channel / 15MHz / 16QAM



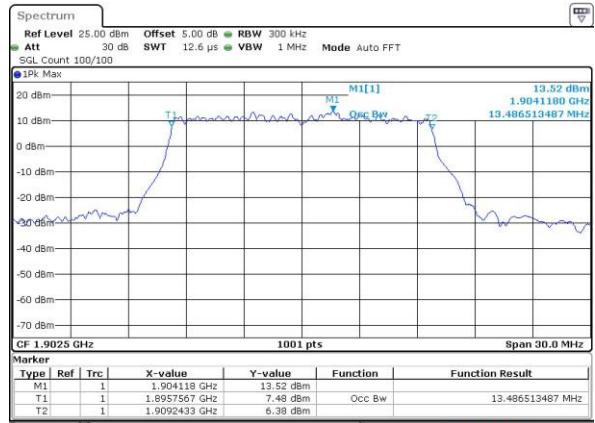
Date: 4.JUL.2016 11:05:42

Highest Channel / 15MHz / QPSK



Date: 4.JUL.2016 11:08:08

Highest Channel / 15MHz / 16QAM

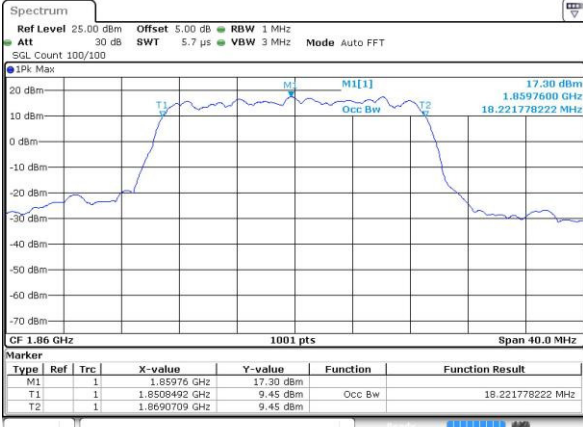


Date: 4.JUL.2016 11:08:19



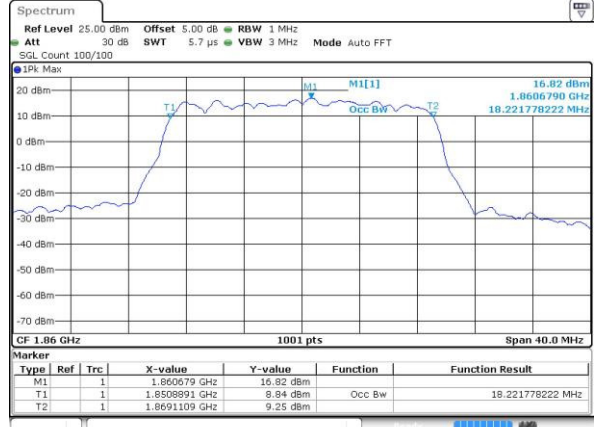
LTE Band 2

Lowest Channel / 20MHz / QPSK



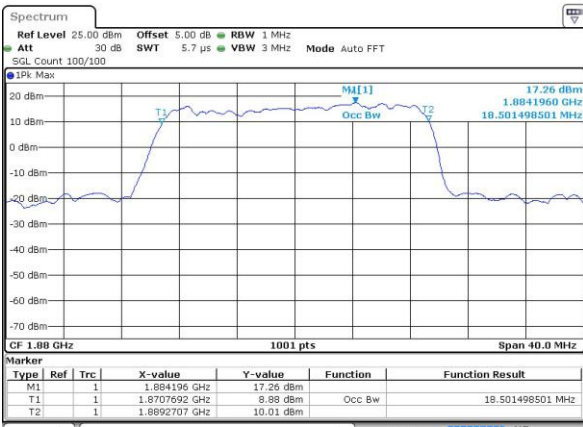
Date: 4.JUL.2016 11:15:20

Lowest Channel / 20MHz / 16QAM



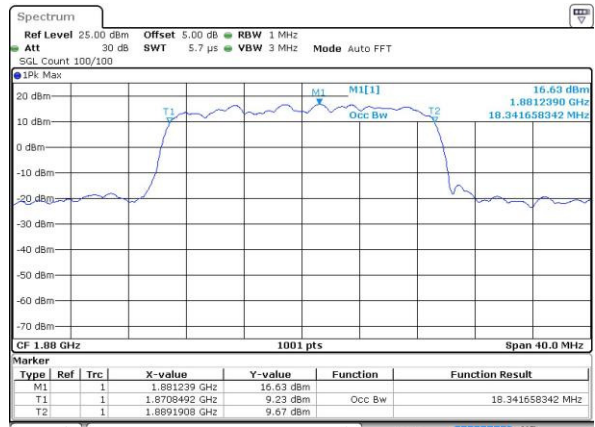
Date: 4.JUL.2016 11:15:31

Middle Channel / 20MHz / QPSK



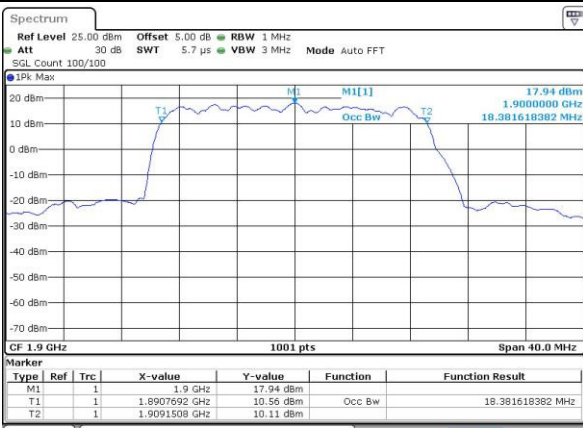
Date: 4.JUL.2016 11:22:33

Middle Channel / 20MHz / 16QAM



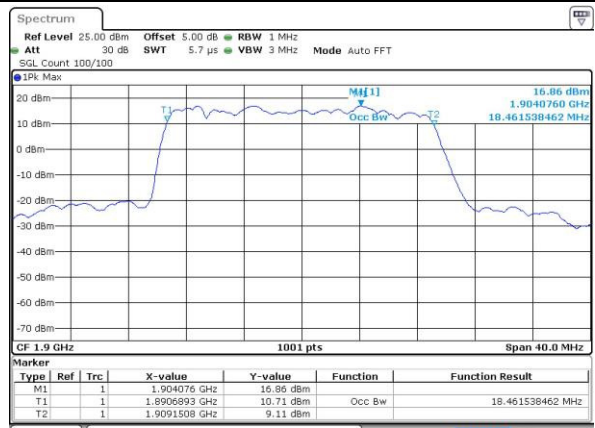
Date: 4.JUL.2016 11:22:44

Highest Channel / 20MHz / QPSK



Date: 4.JUL.2016 11:25:09

Highest Channel / 20MHz / 16QAM



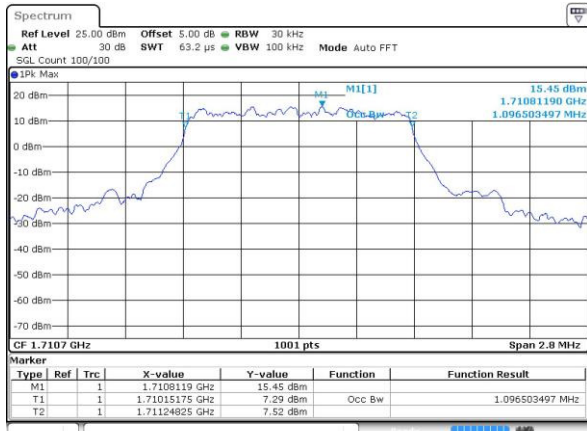
Date: 4.JUL.2016 11:25:21





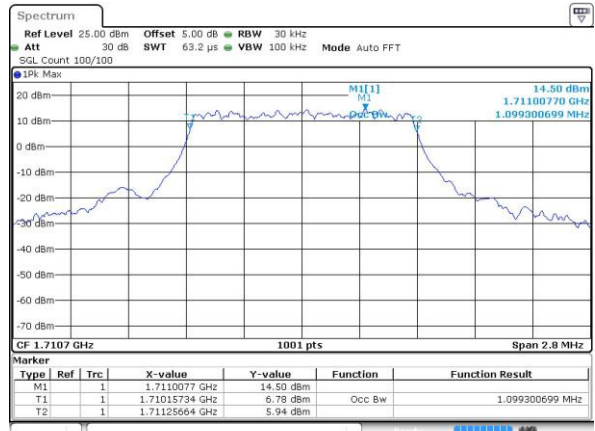
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



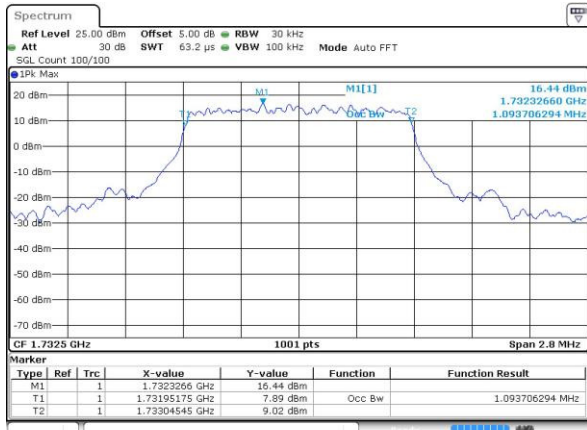
Date: 4 JUL 2016 14:02:50

Lowest Channel / 1.4MHz / 16QAM



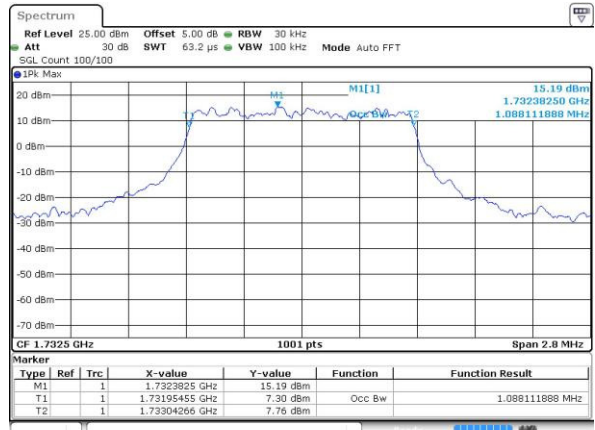
Date: 4 JUL 2016 14:03:01

Middle Channel / 1.4MHz / QPSK



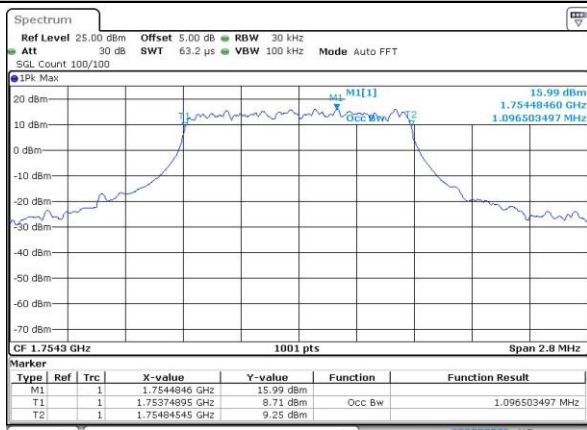
Date: 4 JUL 2016 14:10:03

Middle Channel / 1.4MHz / 16QAM



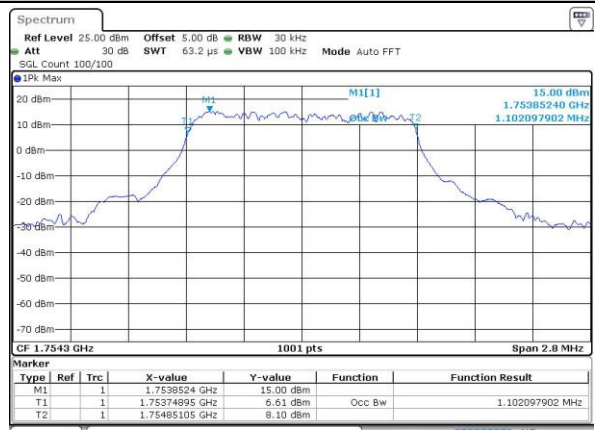
Date: 4 JUL 2016 14:10:14

Highest Channel / 1.4MHz / QPSK



Date: 4 JUL 2016 14:12:40

Highest Channel / 1.4MHz / 16QAM

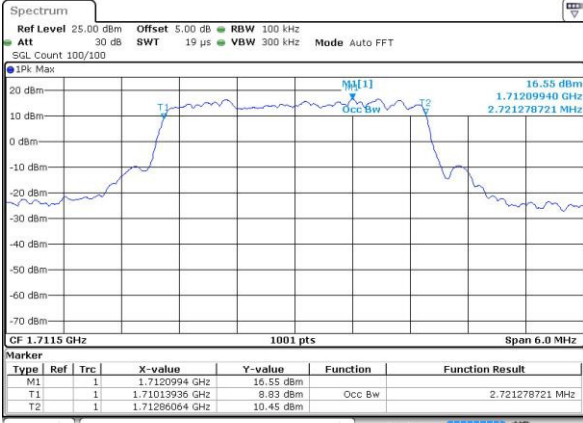


Date: 4 JUL 2016 14:12:51



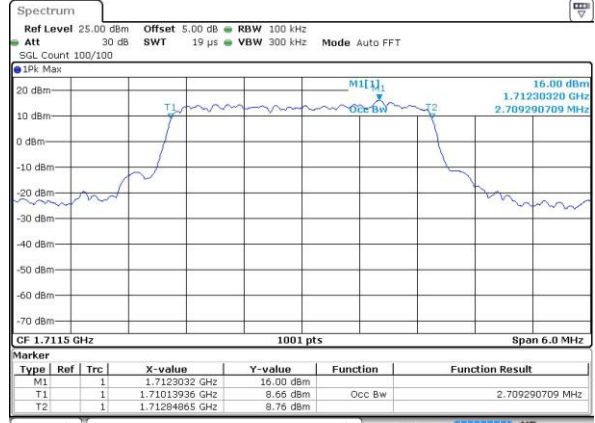
LTE Band 4

Lowest Channel / 3MHz / QPSK



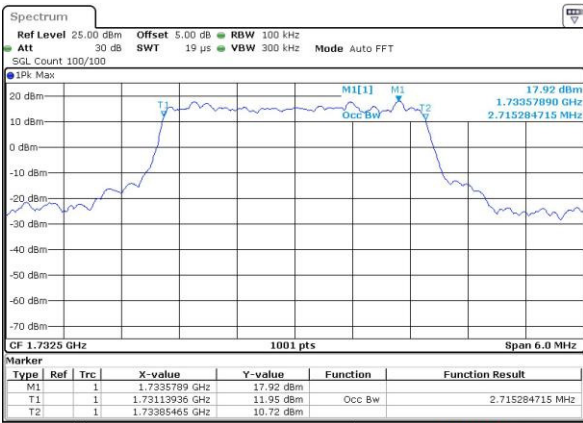
Date: 4.JUL.2016 14:19:53

Lowest Channel / 3MHz / 16QAM



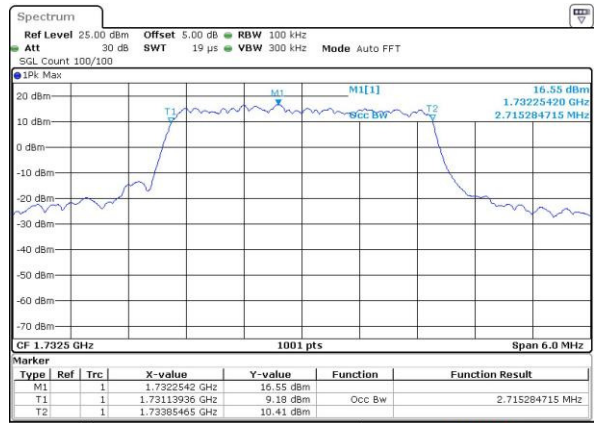
Date: 4.JUL.2016 14:20:04

Middle Channel / 3MHz / QPSK



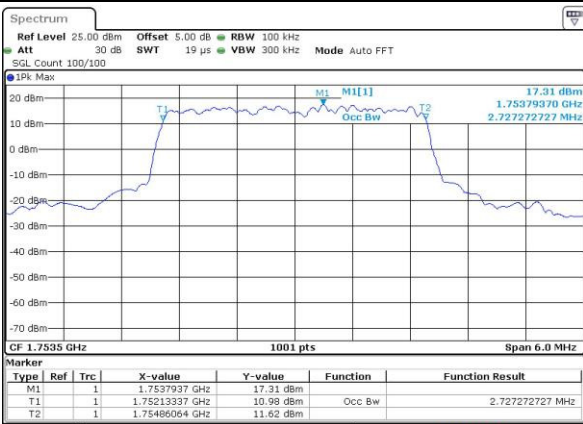
Date: 4.JUL.2016 14:27:07

Middle Channel / 3MHz / 16QAM



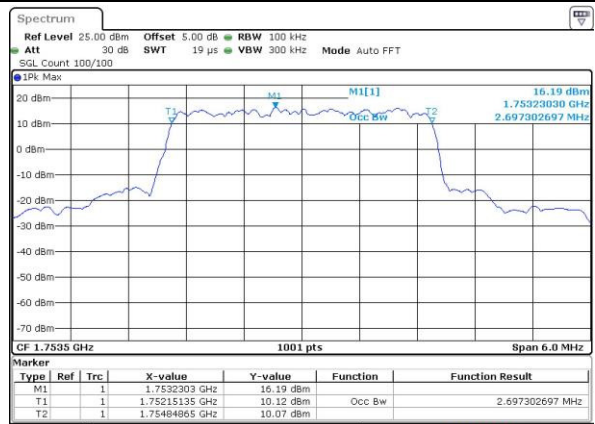
Date: 4.JUL.2016 14:27:18

Highest Channel / 3MHz / QPSK



Date: 4.JUL.2016 14:29:45

Highest Channel / 3MHz / 16QAM



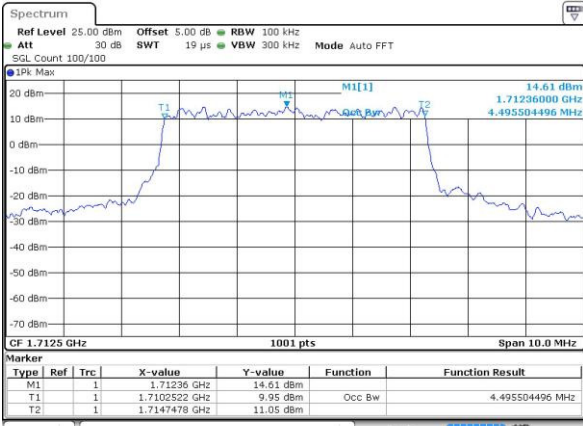
Date: 4.JUL.2016 14:29:57





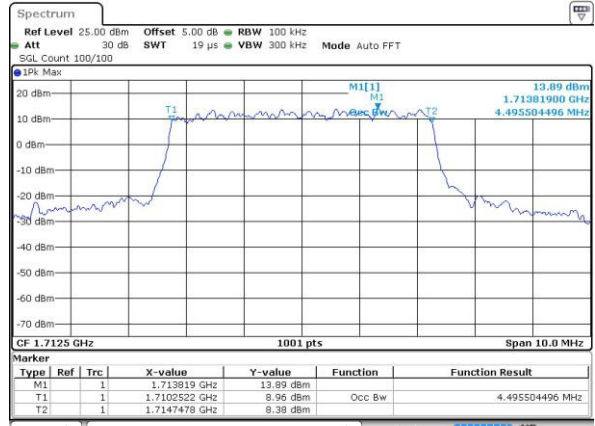
LTE Band 4

Lowest Channel / 5MHz / QPSK



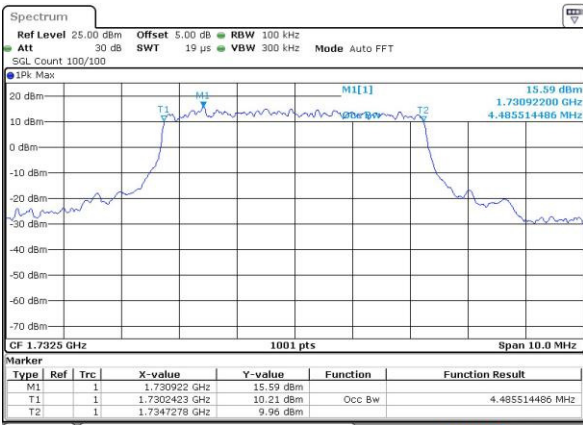
Date: 4 JUL 2016 14:36:58

Lowest Channel / 5MHz / 16QAM



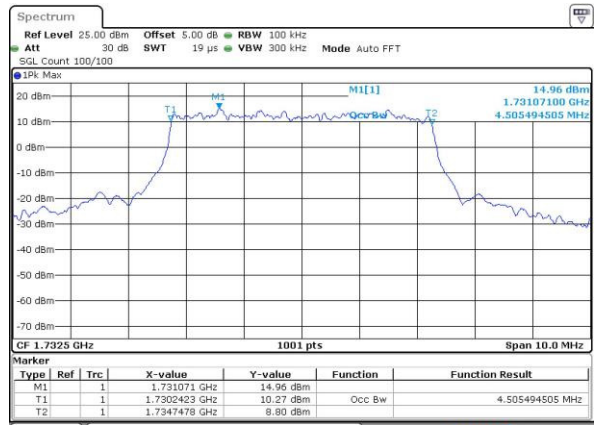
Date: 4 JUL 2016 14:37:09

Middle Channel / 5MHz / QPSK



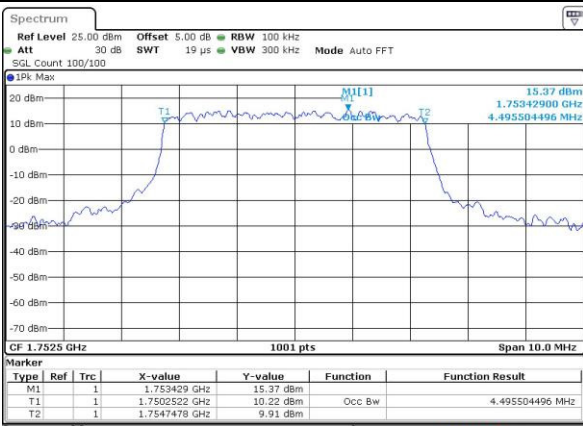
Date: 4 JUL 2016 14:44:11

Middle Channel / 5MHz / 16QAM



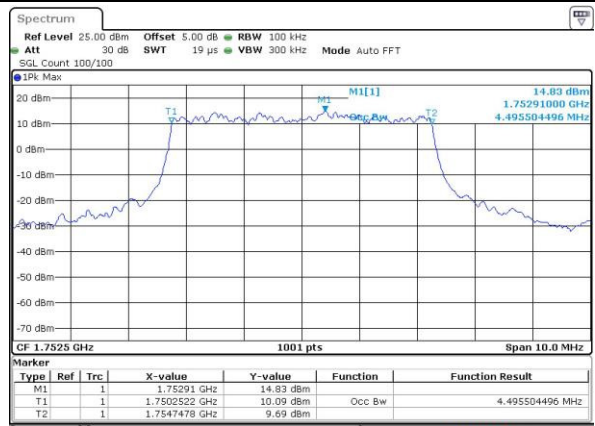
Date: 4 JUL 2016 14:44:22

Highest Channel / 5MHz / QPSK



Date: 4 JUL 2016 14:46:48

Highest Channel / 5MHz / 16QAM

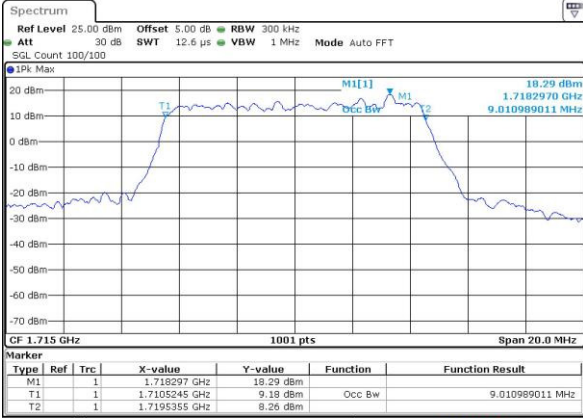


Date: 4 JUL 2016 14:46:59



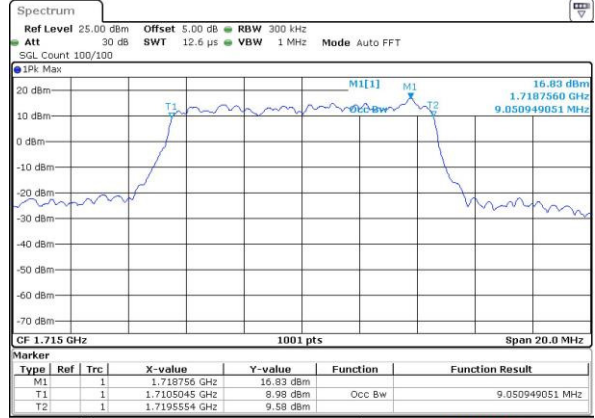
LTE Band 4

Lowest Channel / 10MHz / QPSK



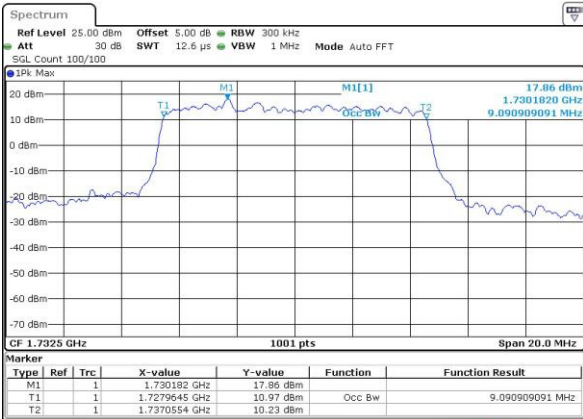
Date: 4 JUL 2016 14:53:59

Lowest Channel / 10MHz / 16QAM



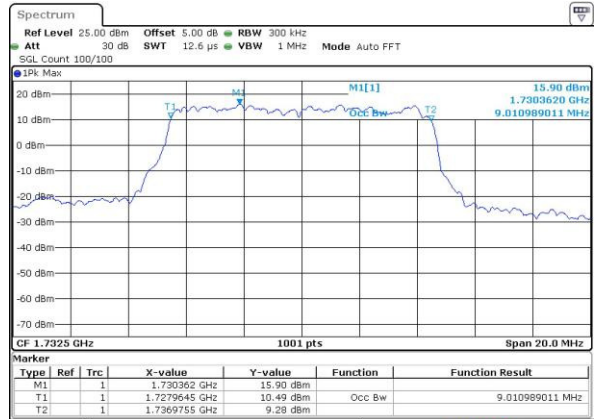
Date: 4 JUL 2016 14:54:10

Middle Channel / 10MHz / QPSK



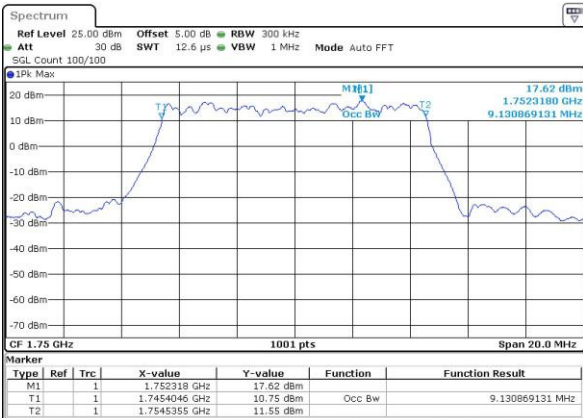
Date: 4 JUL 2016 15:01:12

Middle Channel / 10MHz / 16QAM



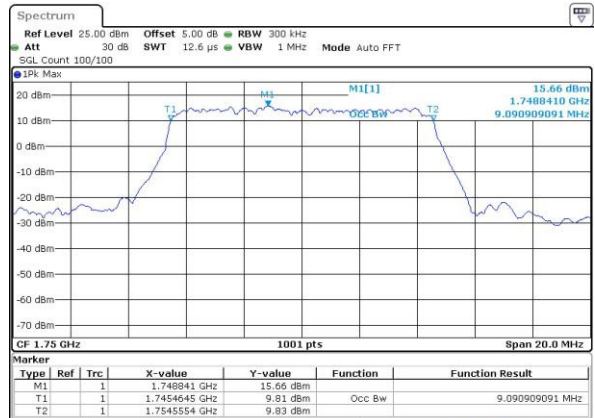
Date: 4 JUL 2016 15:01:23

Highest Channel / 10MHz / QPSK



Date: 4 JUL 2016 15:03:49

Highest Channel / 10MHz / 16QAM

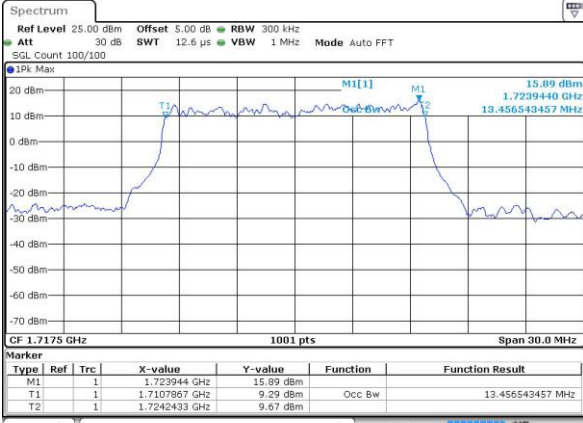


Date: 4 JUL 2016 15:04:00



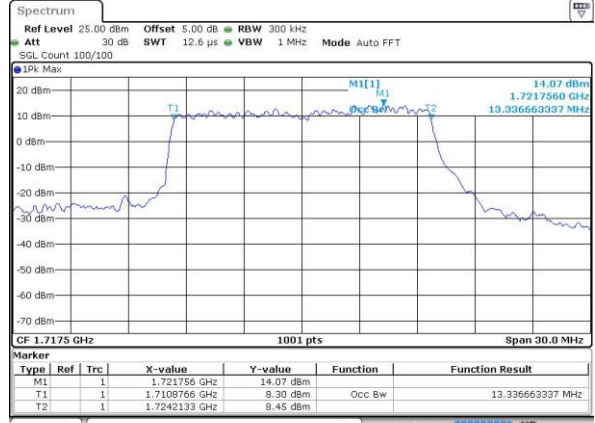
LTE Band 4

Lowest Channel / 15MHz / QPSK



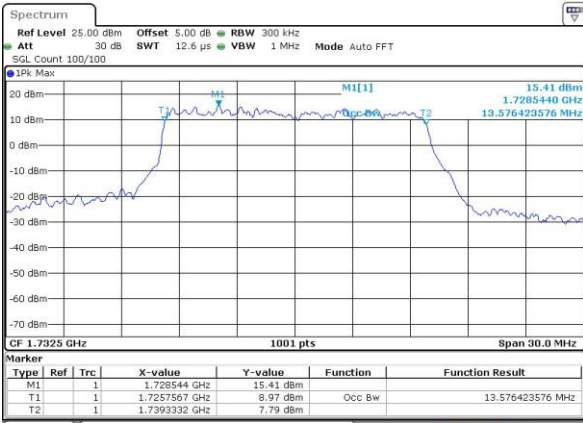
Date: 4.JUL.2016 15:11:01

Lowest Channel / 15MHz / 16QAM



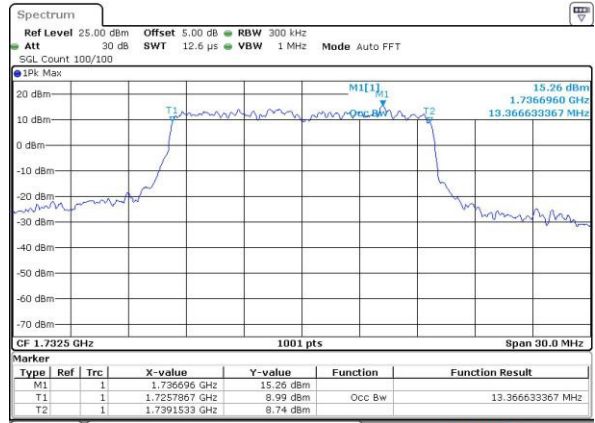
Date: 4.JUL.2016 15:11:12

Middle Channel / 15MHz / QPSK



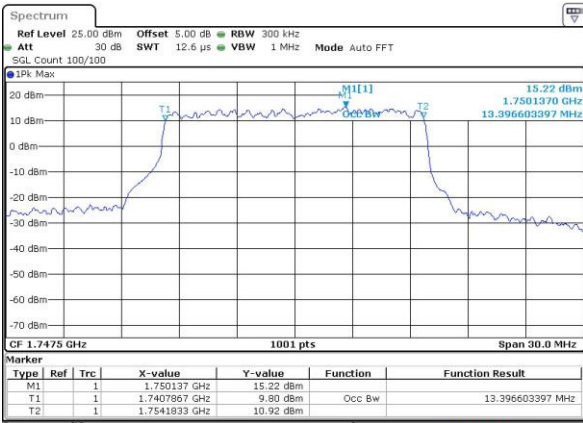
Date: 4.JUL.2016 15:18:12

Middle Channel / 15MHz / 16QAM



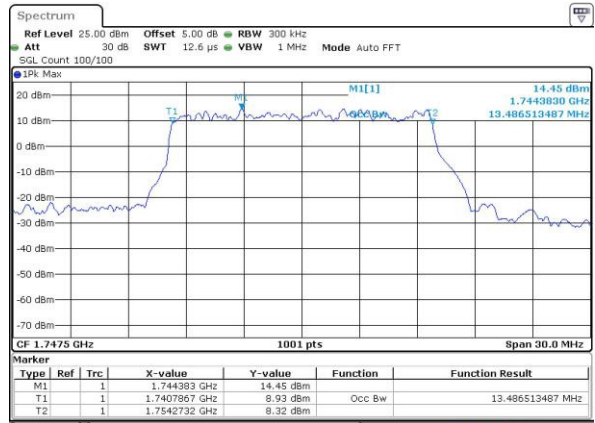
Date: 4.JUL.2016 15:18:24

Highest Channel / 15MHz / QPSK



Date: 4.JUL.2016 15:20:50

Highest Channel / 15MHz / 16QAM

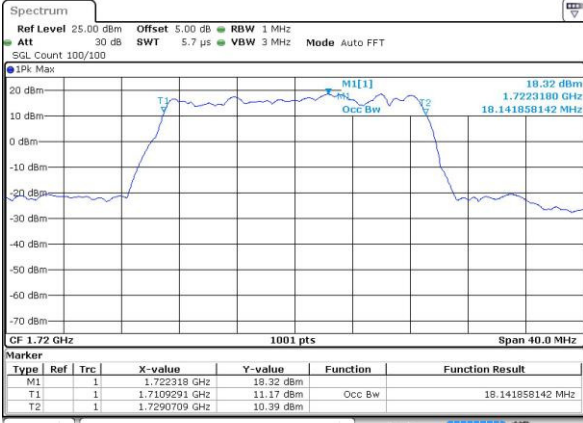


Date: 4.JUL.2016 15:21:01



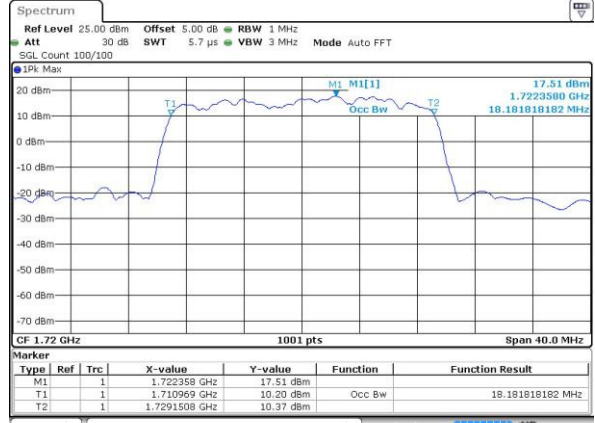
LTE Band 4

Lowest Channel / 20MHz / QPSK



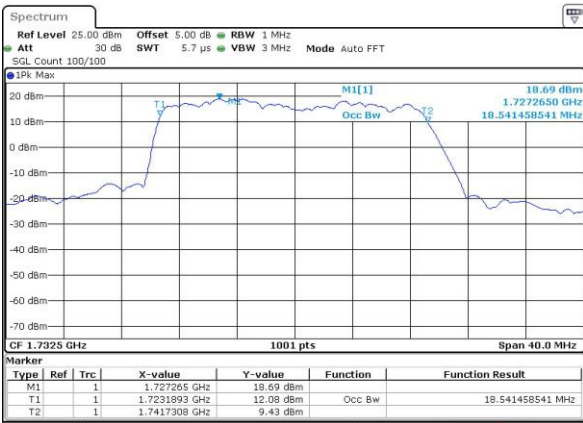
Date: 4 JUL 2016 15:28:02

Lowest Channel / 20MHz / 16QAM



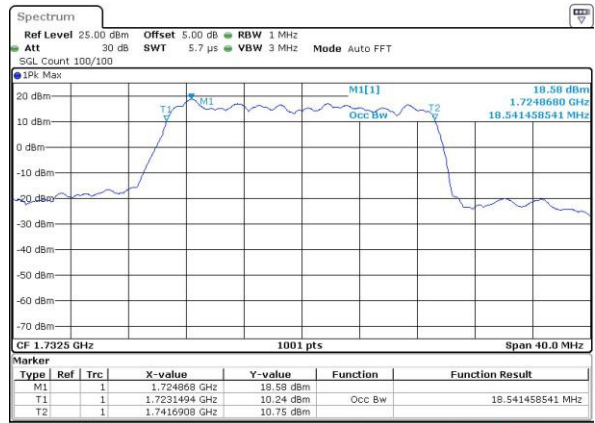
Date: 4 JUL 2016 15:28:14

Middle Channel / 20MHz / QPSK



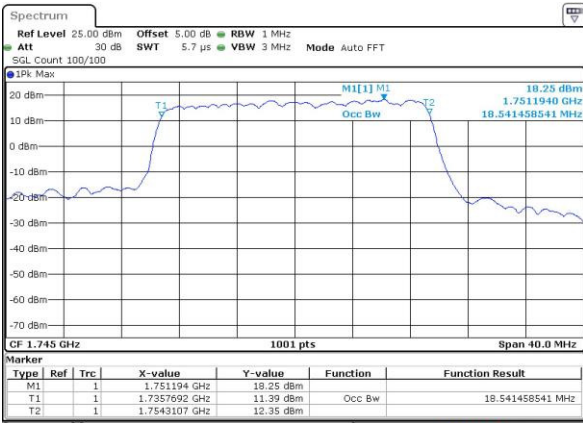
Date: 4 JUL 2016 15:35:14

Middle Channel / 20MHz / 16QAM



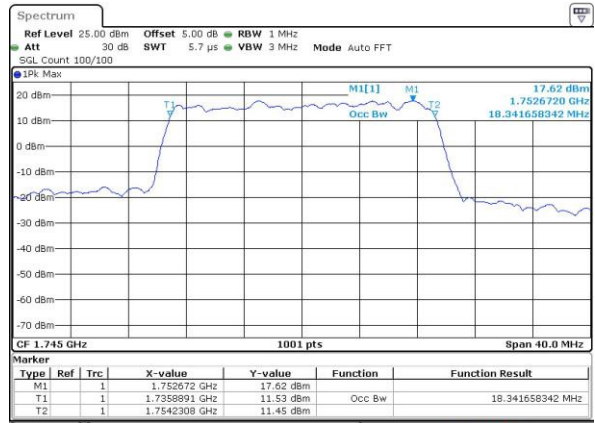
Date: 4 JUL 2016 15:35:25

Highest Channel / 20MHz / QPSK



Date: 4 JUL 2016 15:37:50

Highest Channel / 20MHz / 16QAM

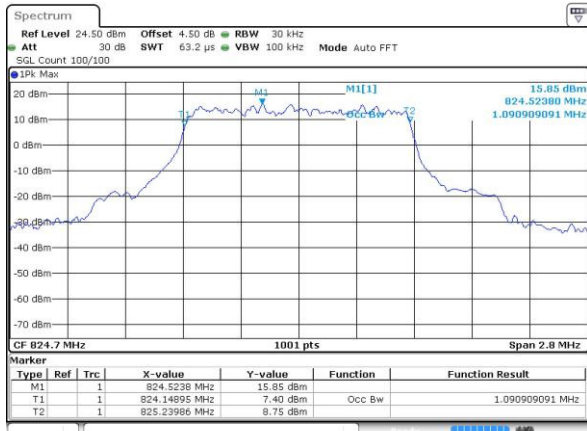


Date: 4 JUL 2016 15:38:01



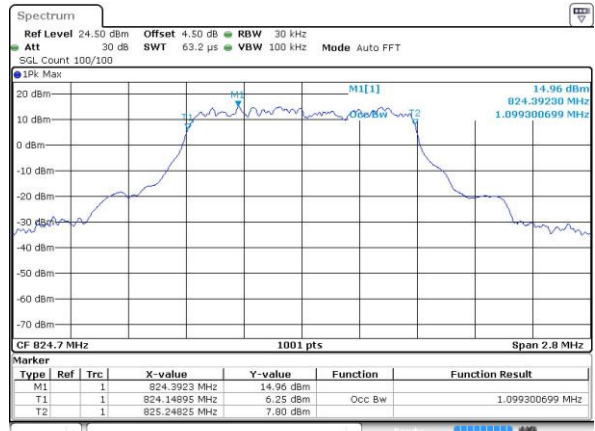
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



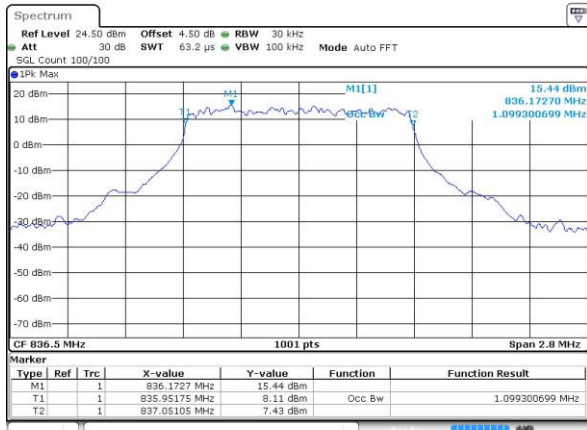
Date: 3 JUL 2016 21:33:28

Lowest Channel / 1.4MHz / 16QAM



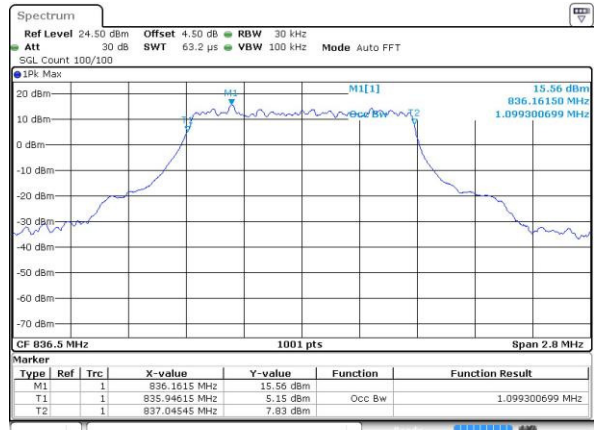
Date: 3 JUL 2016 21:33:39

Middle Channel / 1.4MHz / QPSK



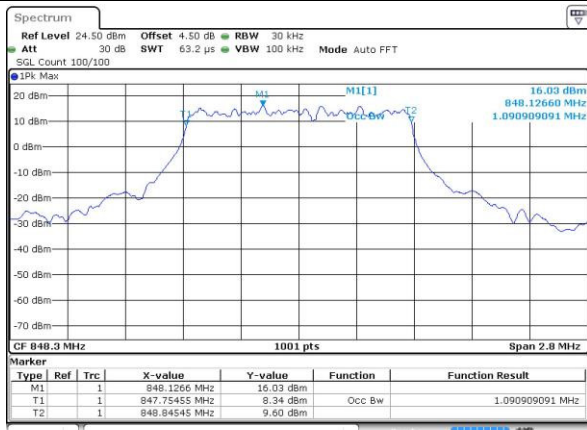
Date: 3 JUL 2016 21:48:44

Middle Channel / 1.4MHz / 16QAM



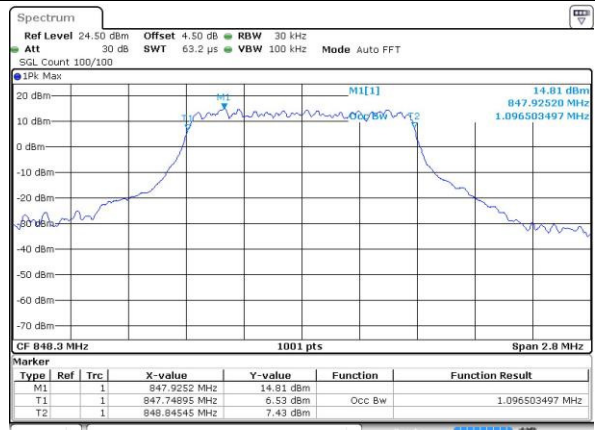
Date: 3 JUL 2016 21:48:55

Highest Channel / 1.4MHz / QPSK



Date: 3 JUL 2016 21:51:20

Highest Channel / 1.4MHz / 16QAM



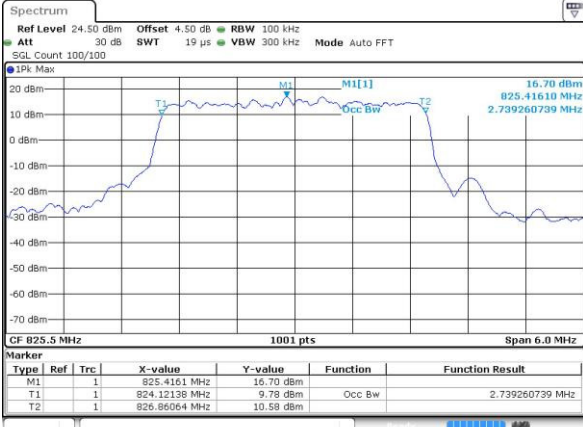
Date: 3 JUL 2016 21:51:31





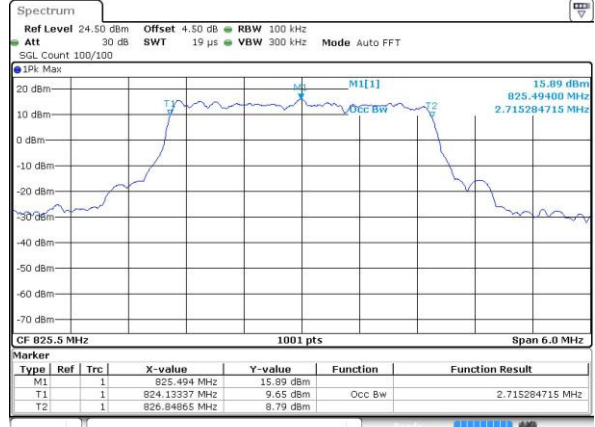
LTE Band 5

Lowest Channel / 3MHz / QPSK



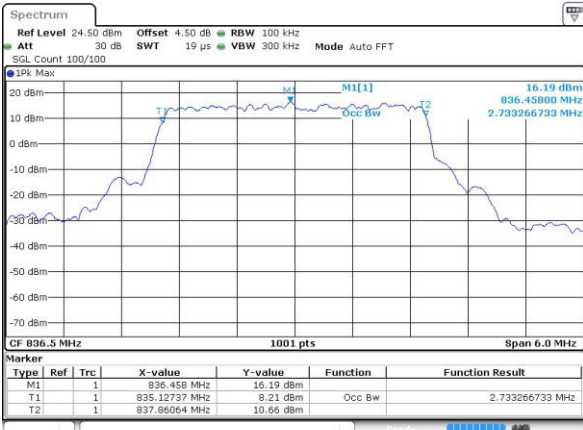
Date: 3.JUL.2016 22:06:36

Lowest Channel / 3MHz / 16QAM



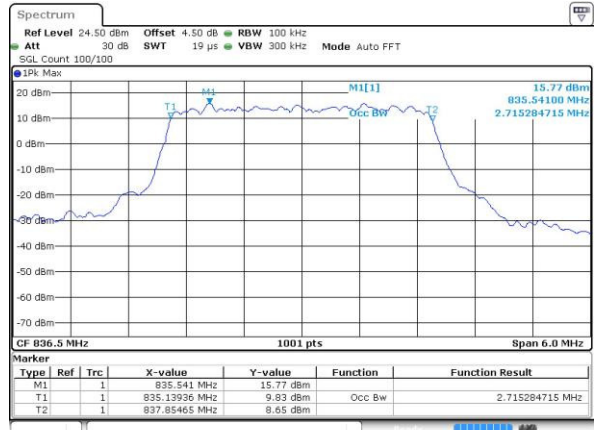
Date: 3.JUL.2016 22:06:47

Middle Channel / 3MHz / QPSK



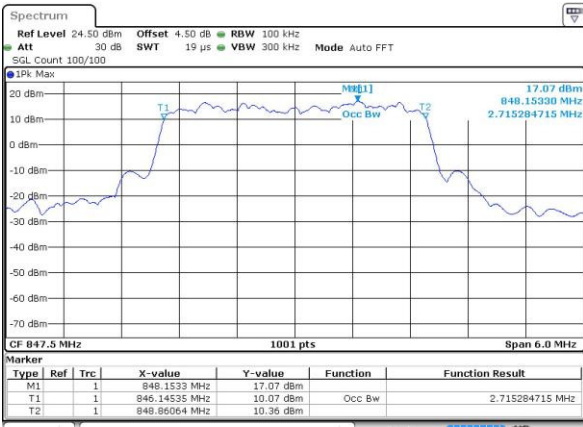
Date: 3.JUL.2016 22:21:51

Middle Channel / 3MHz / 16QAM



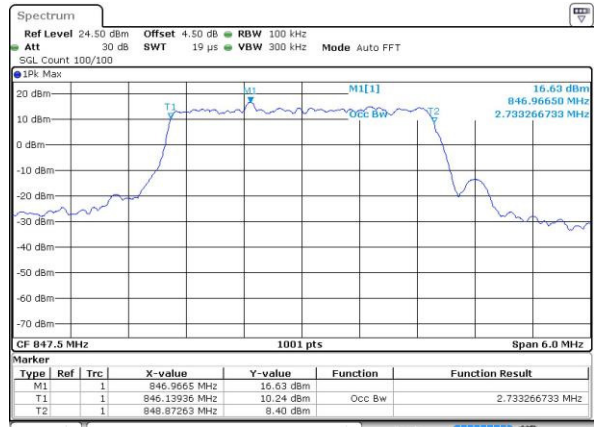
Date: 3.JUL.2016 22:22:02

Highest Channel / 3MHz / QPSK



Date: 3.JUL.2016 22:24:27

Highest Channel / 3MHz / 16QAM

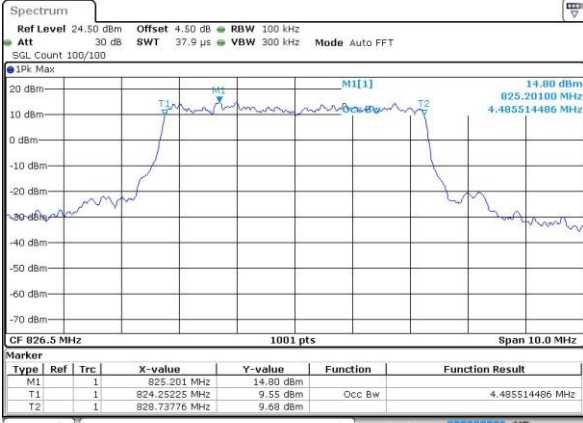


Date: 3.JUL.2016 22:24:38



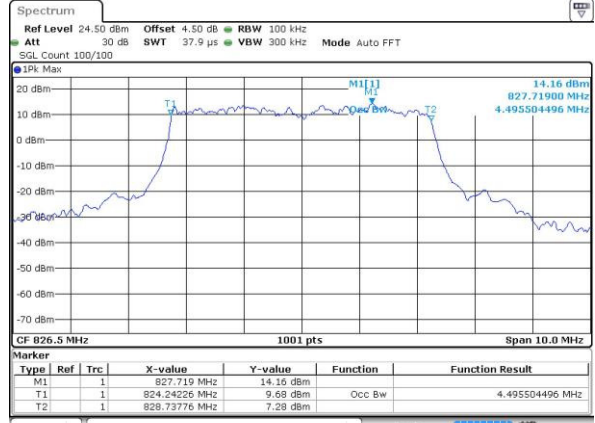
LTE Band 5

Lowest Channel / 5MHz / QPSK



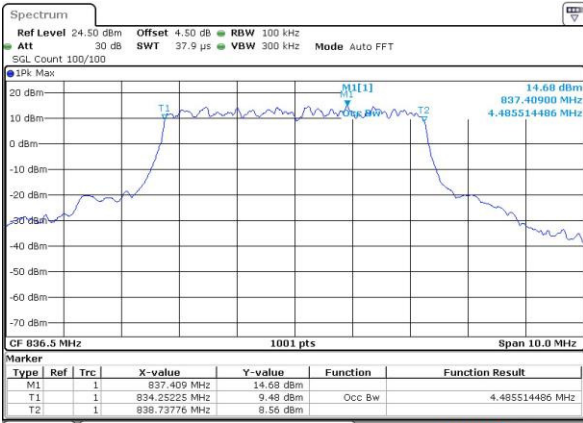
Date: 3.JUL.2016 22:39:41

Lowest Channel / 5MHz / 16QAM



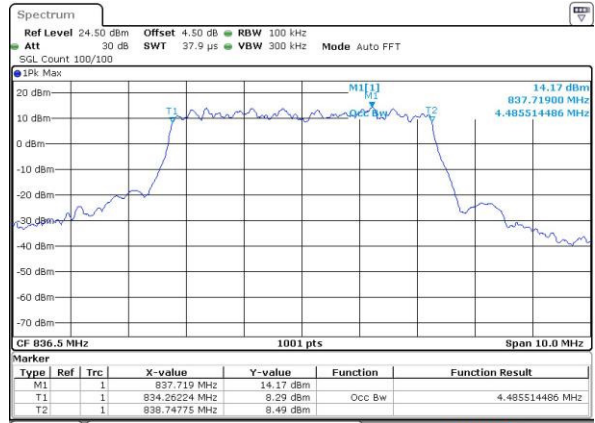
Date: 3.JUL.2016 22:39:52

Middle Channel / 5MHz / QPSK



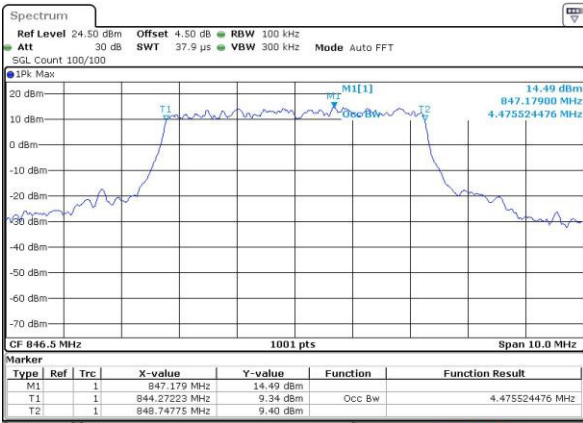
Date: 3.JUL.2016 22:54:96

Middle Channel / 5MHz / 16QAM



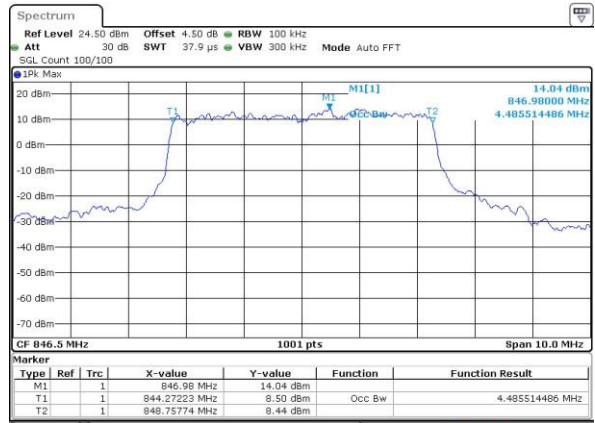
Date: 3.JUL.2016 22:55:07

Highest Channel / 5MHz / QPSK



Date: 3.JUL.2016 22:57:32

Highest Channel / 5MHz / 16QAM



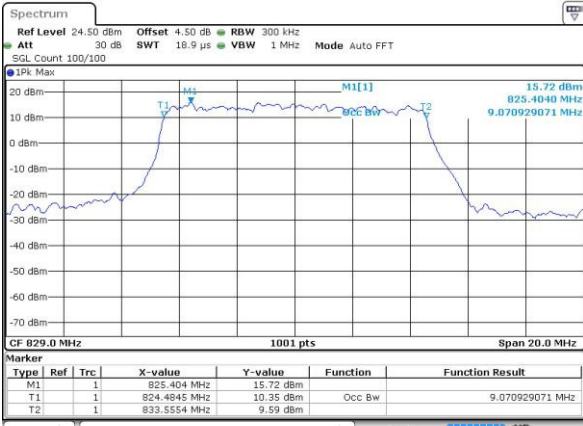
Date: 3.JUL.2016 22:57:43





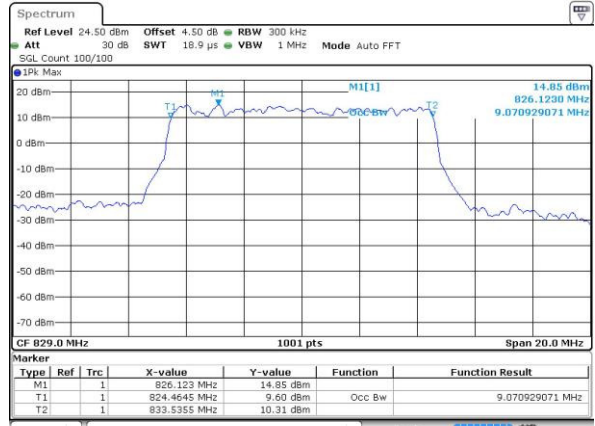
LTE Band 5

Lowest Channel / 10MHz / QPSK



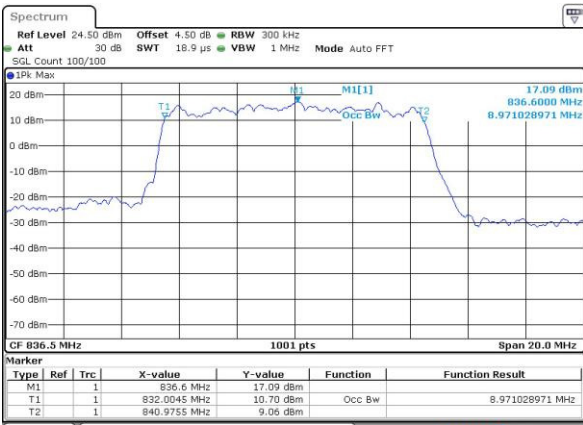
Date: 3.JUL.2016 23:12:48

Lowest Channel / 10MHz / 16QAM



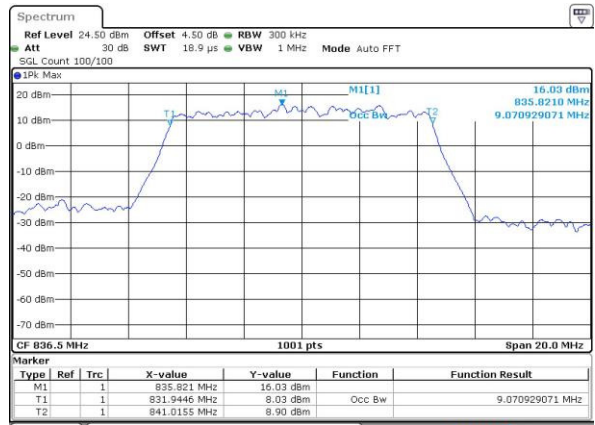
Date: 3.JUL.2016 23:12:59

Middle Channel / 10MHz / QPSK



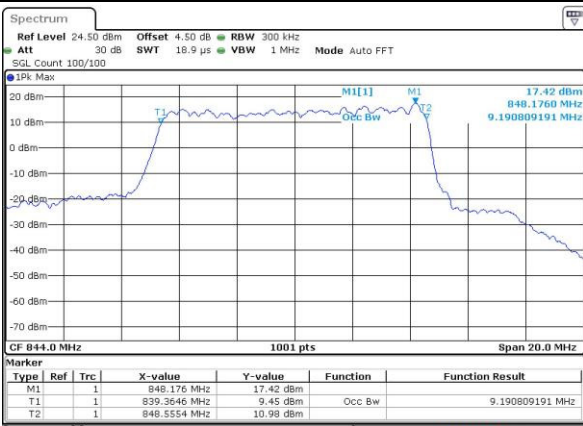
Date: 3.JUL.2016 23:49:12

Middle Channel / 10MHz / 16QAM



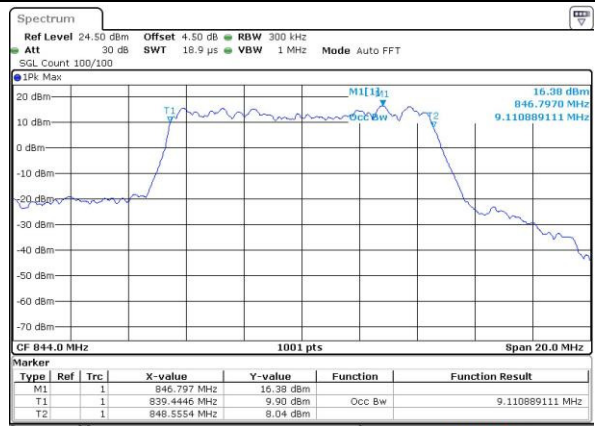
Date: 3.JUL.2016 23:28:13

Highest Channel / 10MHz / QPSK



Date: 3.JUL.2016 23:30:38

Highest Channel / 10MHz / 16QAM

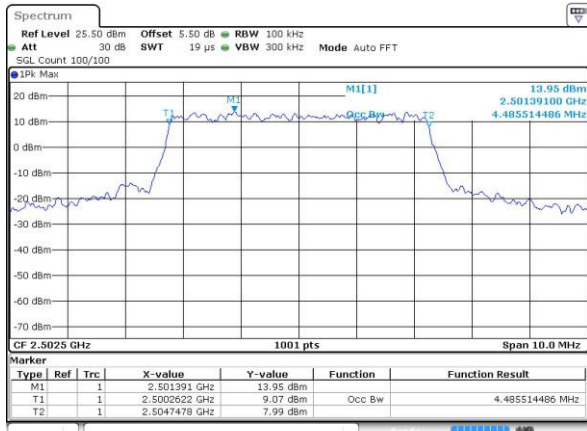


Date: 3.JUL.2016 23:30:49



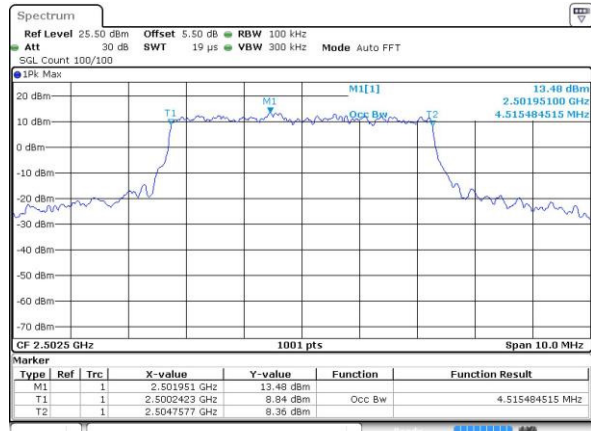
LTE Band 7

Lowest Channel / 5MHz / QPSK



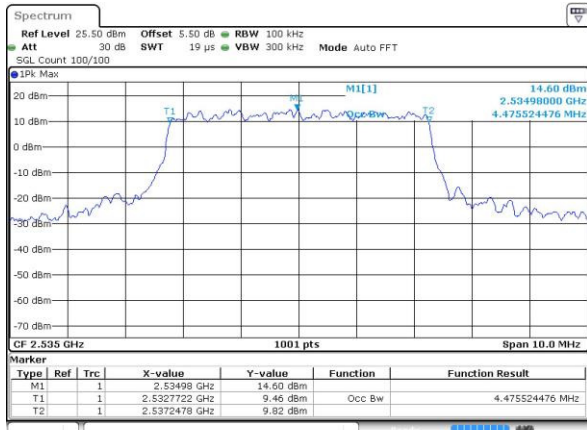
Date: 4 JUL 2016 17:12:31

Lowest Channel / 5MHz / 16QAM



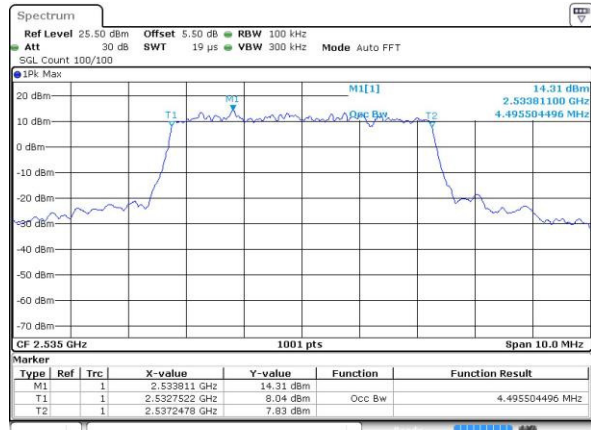
Date: 4 JUL 2016 17:12:53

Middle Channel / 5MHz / QPSK



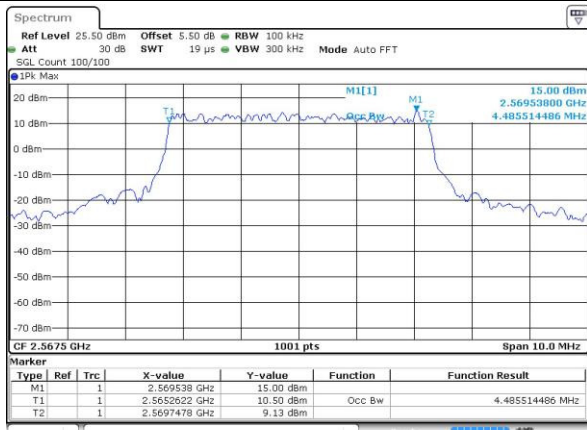
Date: 4 JUL 2016 17:13:38

Middle Channel / 5MHz / 16QAM



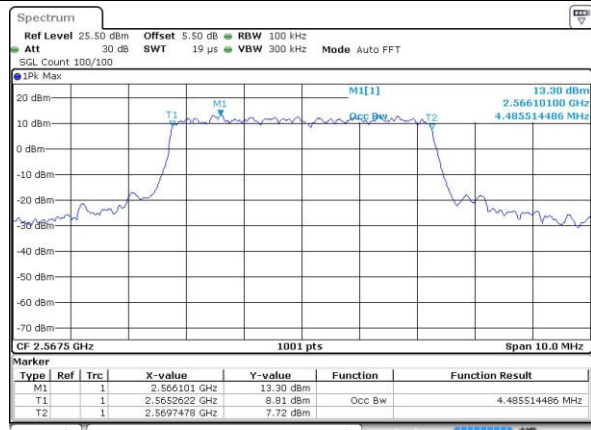
Date: 4 JUL 2016 17:13:16

Highest Channel / 5MHz / QPSK



Date: 4 JUL 2016 17:14:00

Highest Channel / 5MHz / 16QAM



Date: 4 JUL 2016 17:14:22