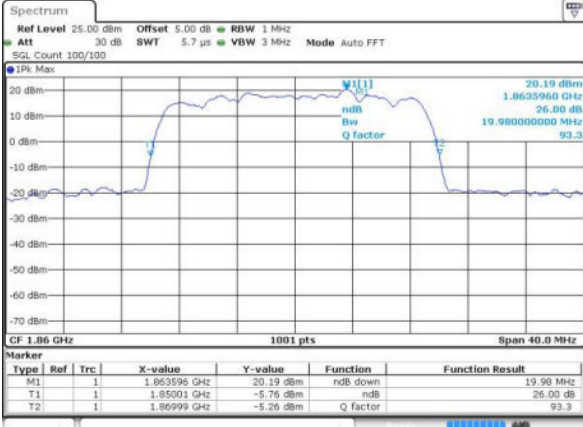




LTE Band 2

Lowest Channel / 20MHz / QPSK



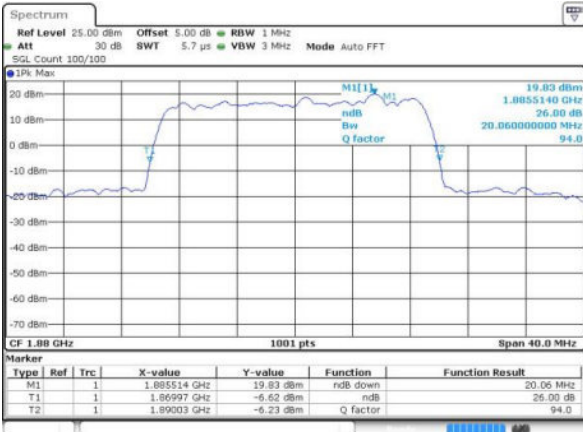
Date: 17 JUN 2016 10:36:33

Lowest Channel / 20MHz / 16QAM



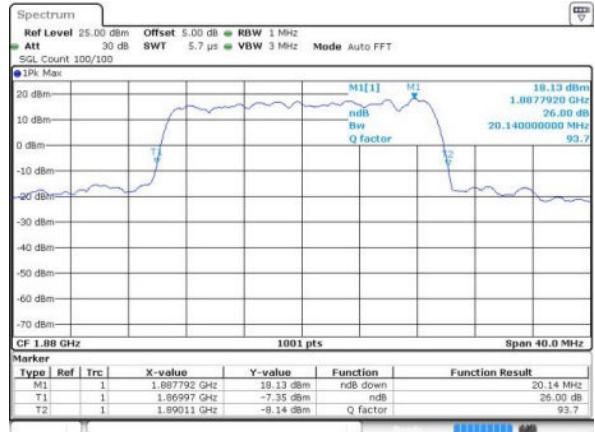
Date: 17 JUN 2016 10:36:43

Middle Channel / 20MHz / QPSK



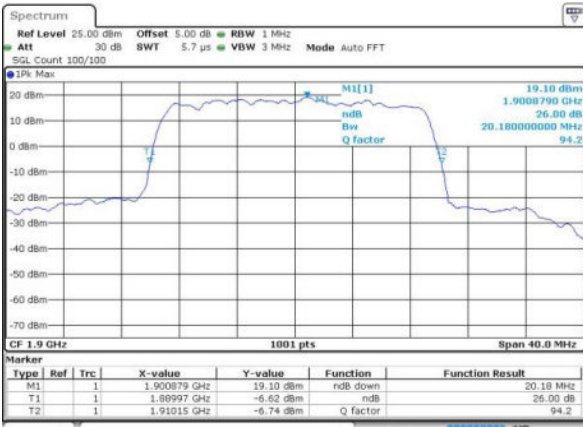
Date: 17 JUN 2016 10:43:37

Middle Channel / 20MHz / 16QAM



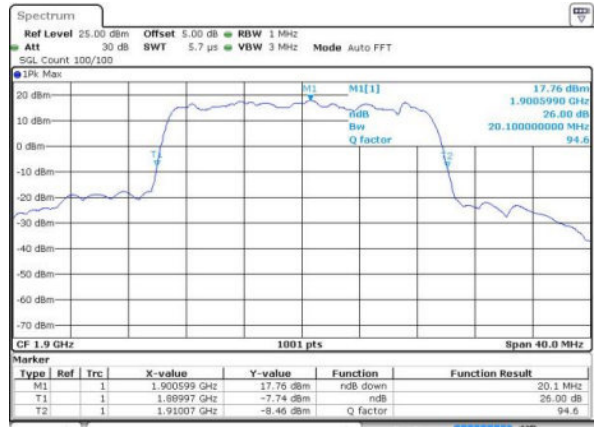
Date: 17 JUN 2016 10:43:47

Highest Channel / 20MHz / QPSK



Date: 17 JUN 2016 10:46:10

Highest Channel / 20MHz / 16QAM

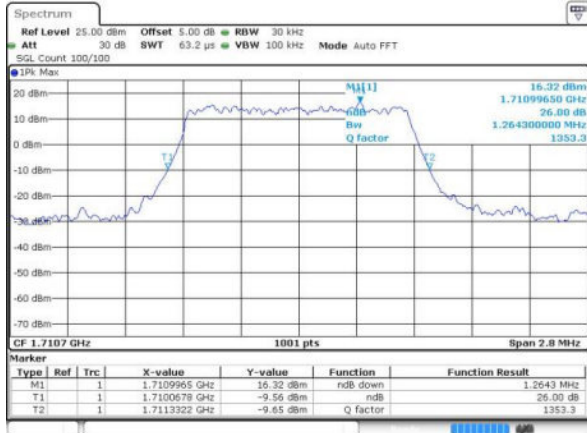


Date: 17 JUN 2016 10:46:20



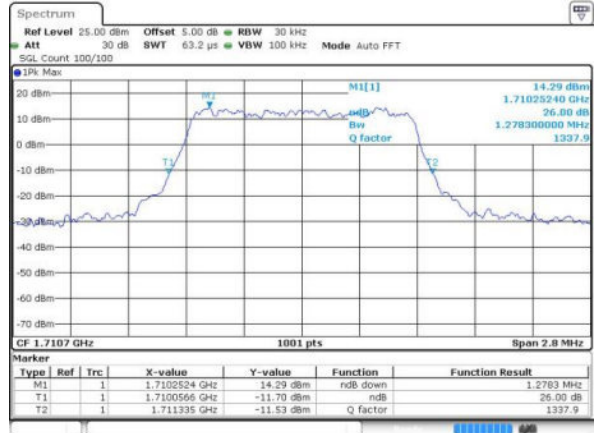
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



Date: 17 JUN 2016 11:09:53

Lowest Channel / 1.4MHz / 16QAM



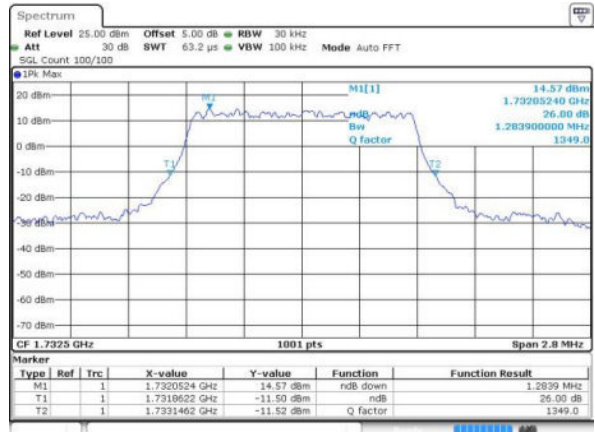
Date: 17 JUN 2016 11:10:03

Middle Channel / 1.4MHz / QPSK



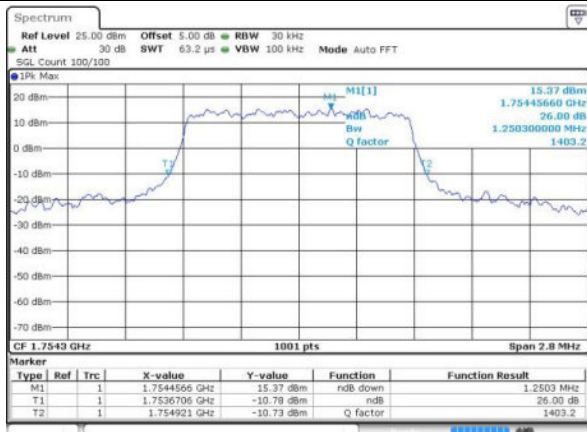
Date: 17 JUN 2016 11:16:57

Middle Channel / 1.4MHz / 16QAM



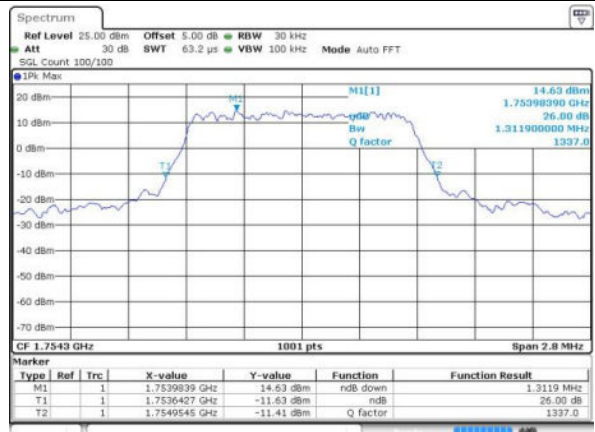
Date: 17 JUN 2016 11:17:07

Highest Channel / 1.4MHz / QPSK



Date: 17 JUN 2016 11:19:29

Highest Channel / 1.4MHz / 16QAM

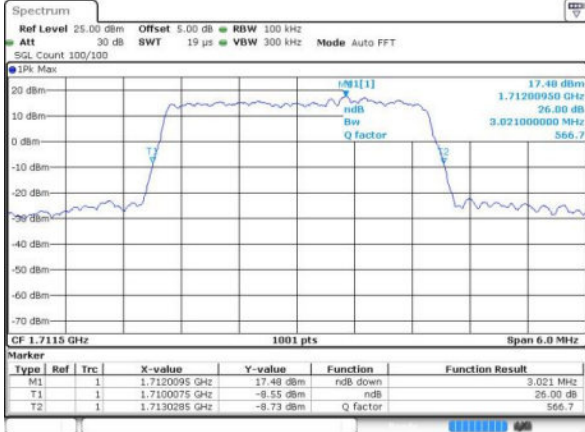


Date: 17 JUN 2016 11:19:40



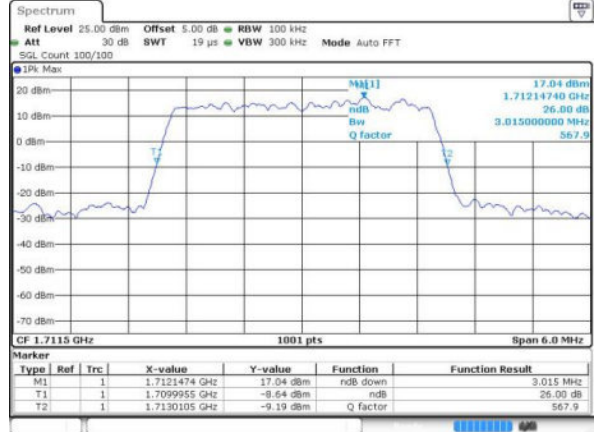
LTE Band 4

Lowest Channel / 3MHz / QPSK



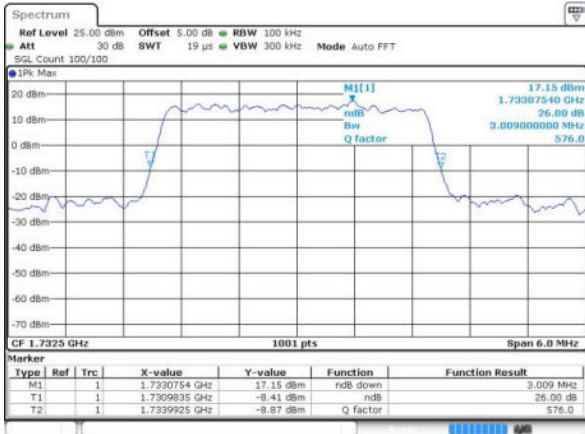
Date: 17 JUN 2016 11:28:33

Lowest Channel / 3MHz / 16QAM



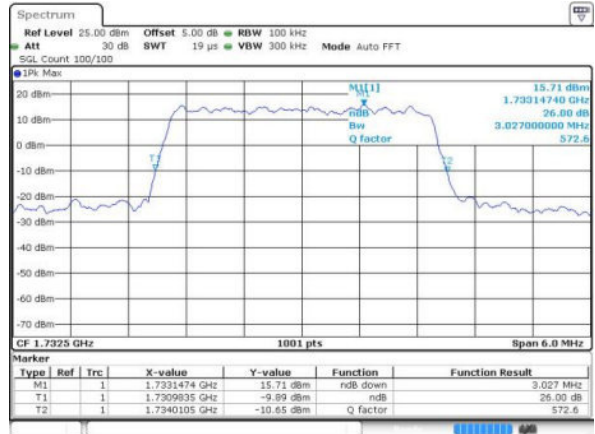
Date: 17 JUN 2016 11:26:44

Middle Channel / 3MHz / QPSK



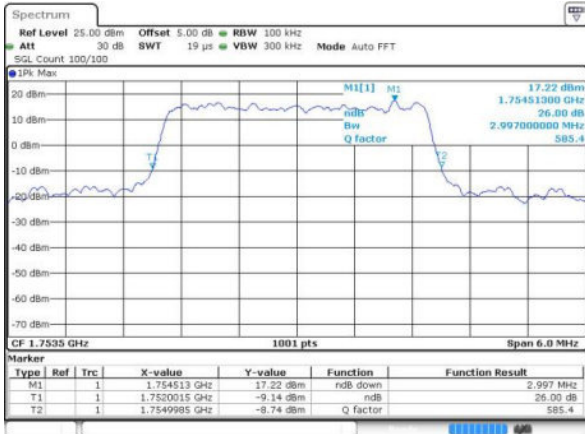
Date: 17 JUN 2016 11:33:38

Middle Channel / 3MHz / 16QAM



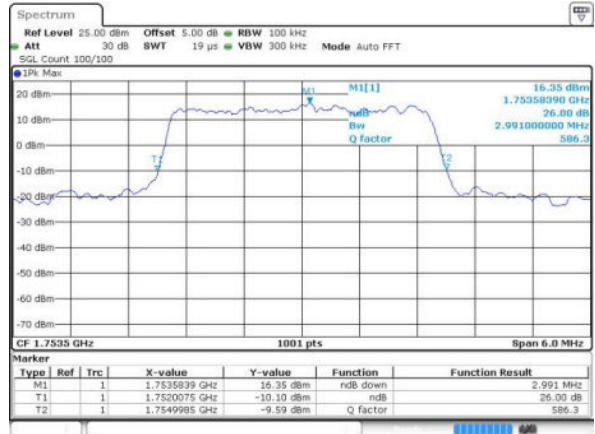
Date: 17 JUN 2016 11:33:48

Highest Channel / 3MHz / QPSK



Date: 17 JUN 2016 11:36:10

Highest Channel / 3MHz / 16QAM

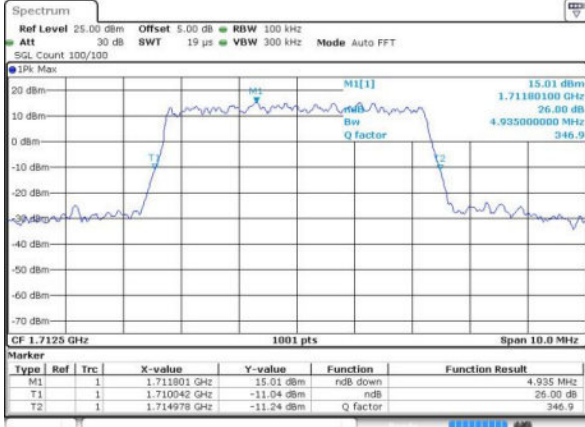


Date: 17 JUN 2016 11:36:21



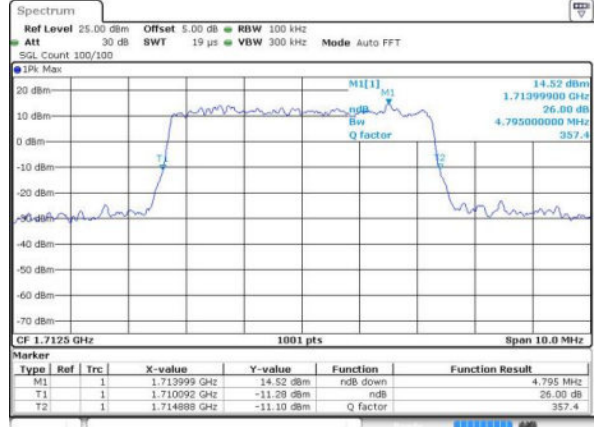
LTE Band 4

Lowest Channel / 5MHz / QPSK



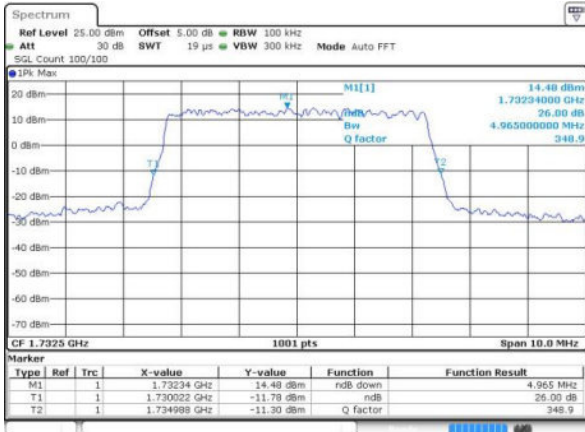
Date: 17 JUN 2016 13:50:39

Lowest Channel / 5MHz / 16QAM



Date: 17 JUN 2016 11:43:25

Middle Channel / 5MHz / QPSK



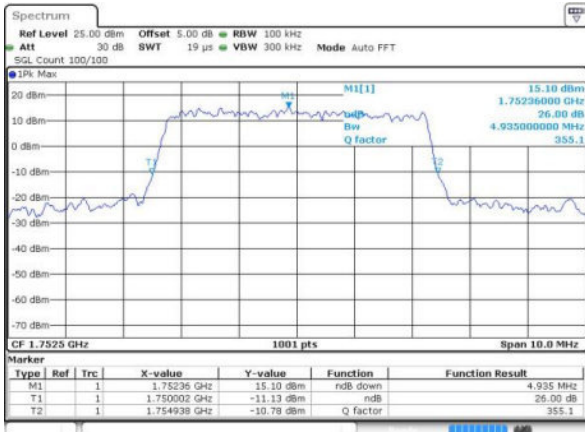
Date: 17 JUN 2016 11:50:19

Middle Channel / 5MHz / 16QAM



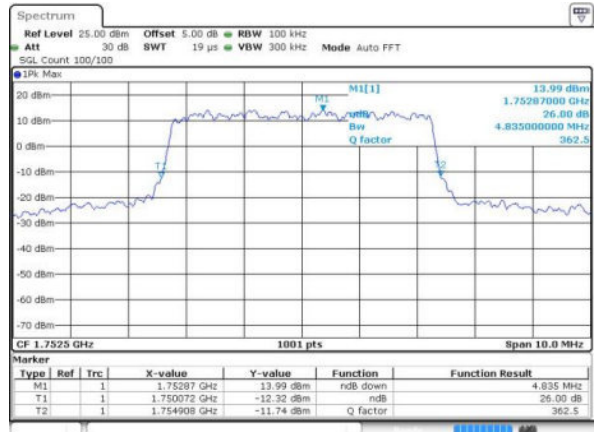
Date: 17 JUN 2016 11:50:29

Highest Channel / 5MHz / QPSK



Date: 17 JUN 2016 11:52:51

Highest Channel / 5MHz / 16QAM

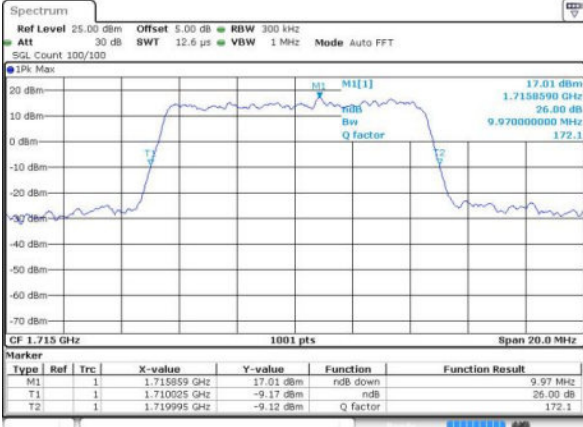


Date: 17 JUN 2016 11:53:02



LTE Band 4

Lowest Channel / 10MHz / QPSK



Date: 17 JUN 2016 11:59:56

Lowest Channel / 10MHz / 16QAM



Date: 17 JUN 2016 12:00:06

Middle Channel / 10MHz / QPSK



Date: 17 JUN 2016 12:08:59

Middle Channel / 10MHz / 16QAM



Date: 17 JUN 2016 12:07:10

Highest Channel / 10MHz / QPSK



Date: 17 JUN 2016 12:09:32

Highest Channel / 10MHz / 16QAM

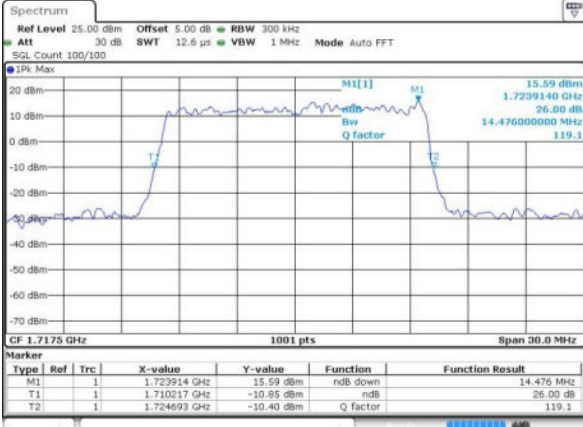


Date: 17 JUN 2016 12:09:42



LTE Band 4

Lowest Channel / 15MHz / QPSK



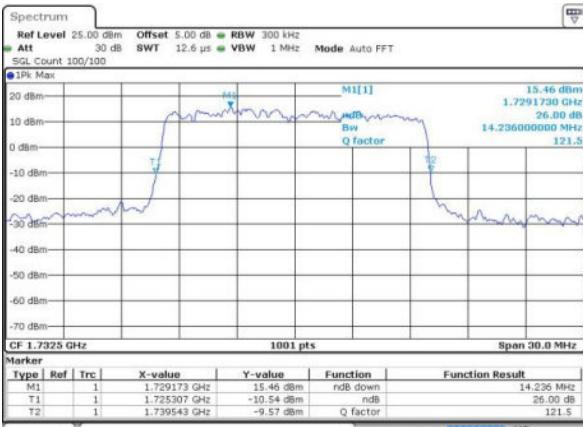
Date: 17 JUN 2016 12:16:36

Lowest Channel / 15MHz / 16QAM



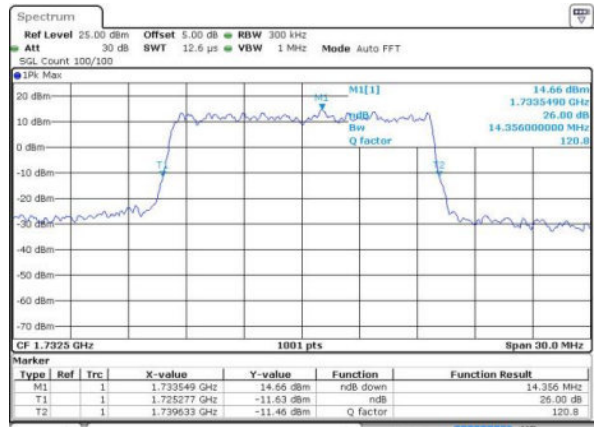
Date: 17 JUN 2016 12:16:46

Middle Channel / 15MHz / QPSK



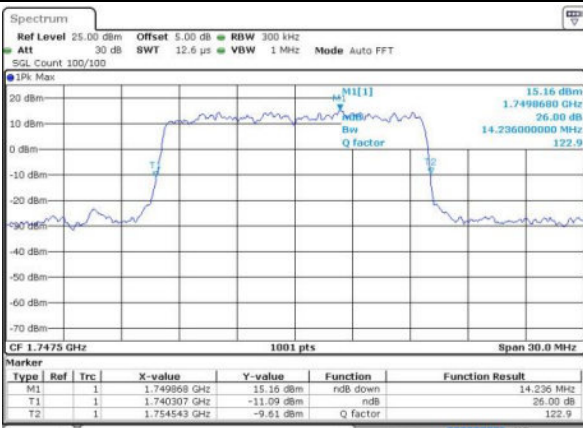
Date: 17 JUN 2016 12:23:40

Middle Channel / 15MHz / 16QAM



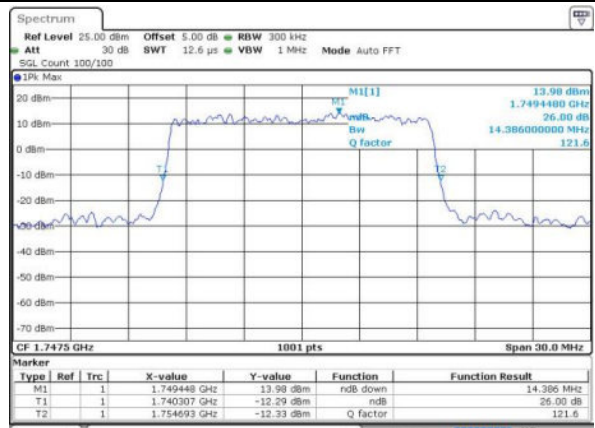
Date: 17 JUN 2016 12:23:51

Highest Channel / 15MHz / QPSK



Date: 17 JUN 2016 12:28:12

Highest Channel / 15MHz / 16QAM

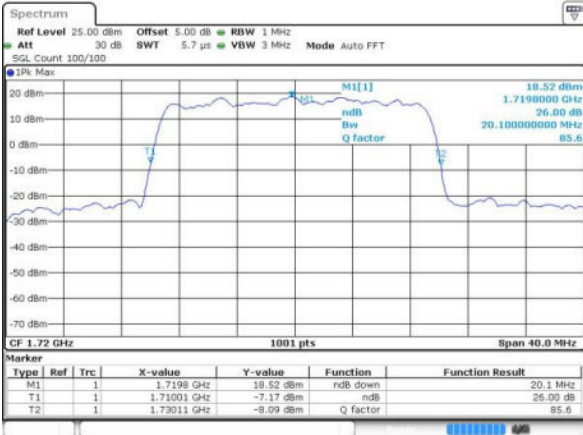


Date: 17 JUN 2016 12:28:23



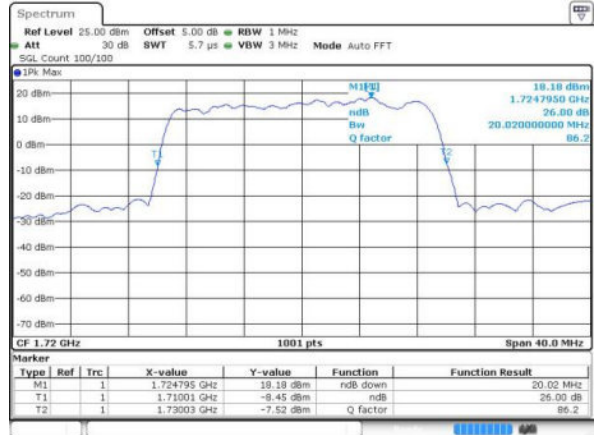
LTE Band 4

Lowest Channel / 20MHz / QPSK



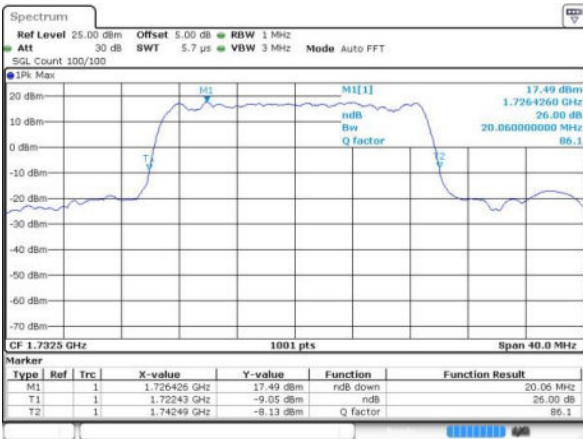
Date: 17 JUN 2016 12:33:16

Lowest Channel / 20MHz / 16QAM



Date: 17 JUN 2016 12:33:27

Middle Channel / 20MHz / QPSK



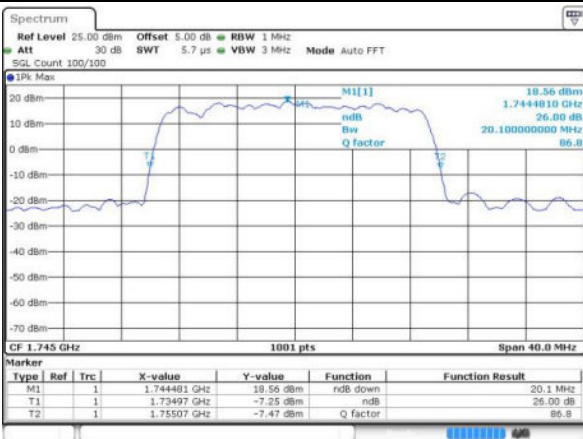
Date: 17 JUN 2016 12:40:21

Middle Channel / 20MHz / 16QAM



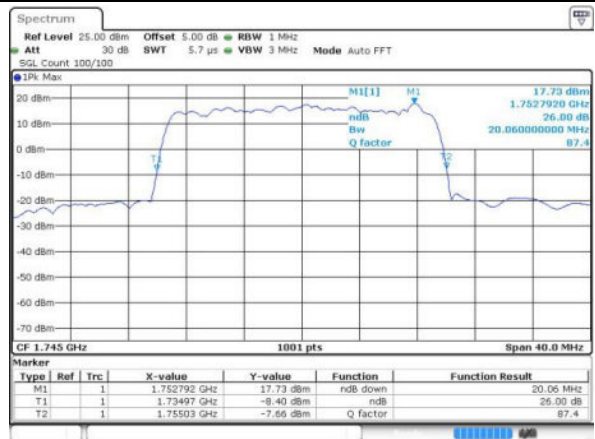
Date: 17 JUN 2016 12:40:31

Highest Channel / 20MHz / QPSK



Date: 17 JUN 2016 12:42:53

Highest Channel / 20MHz / 16QAM

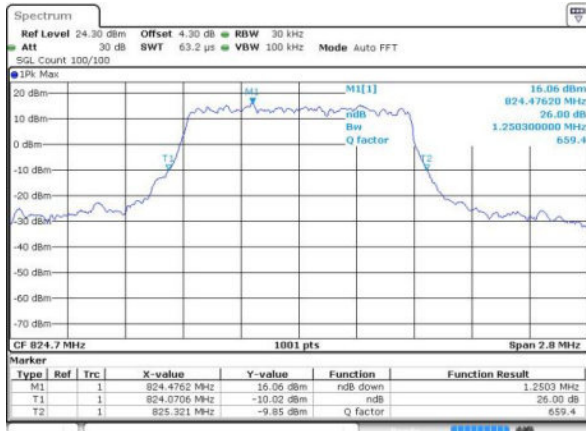


Date: 17 JUN 2016 12:43:04



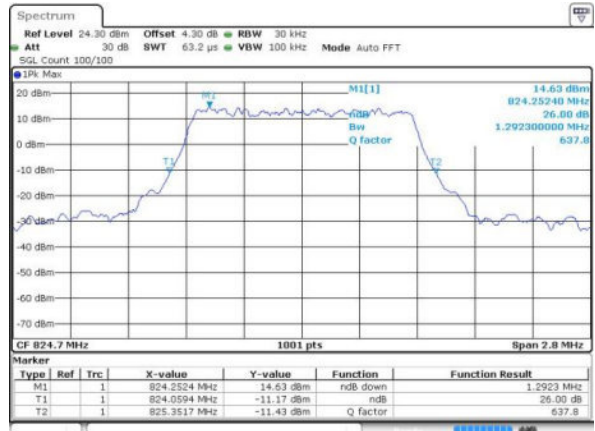
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



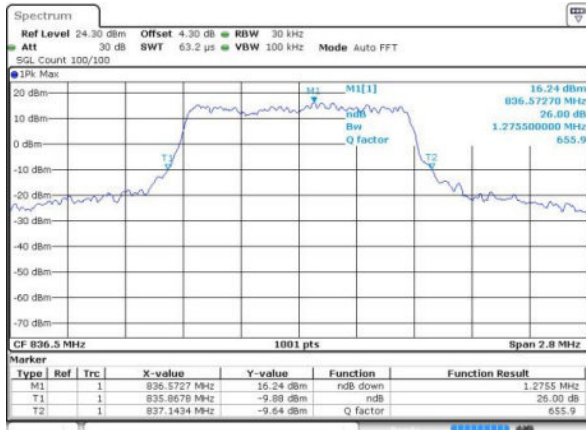
Date: 17 JUN 2016 14:02:27

Lowest Channel / 1.4MHz / 16QAM



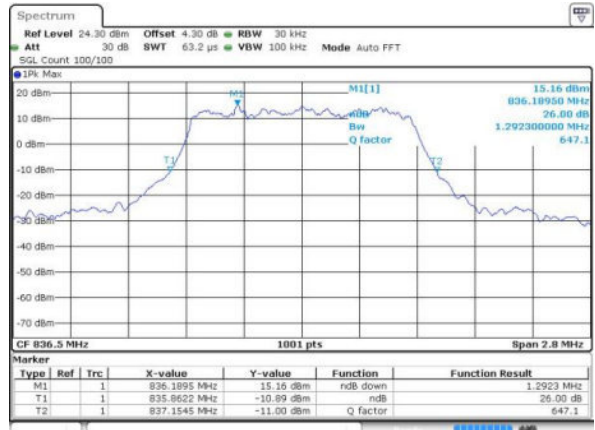
Date: 17 JUN 2016 14:02:17

Middle Channel / 1.4MHz / QPSK



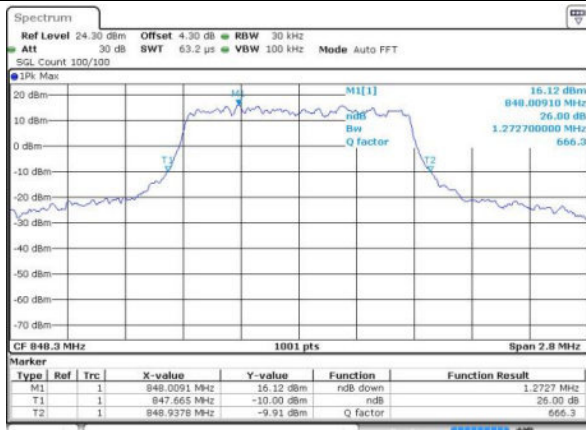
Date: 17 JUN 2016 14:23:49

Middle Channel / 1.4MHz / 16QAM



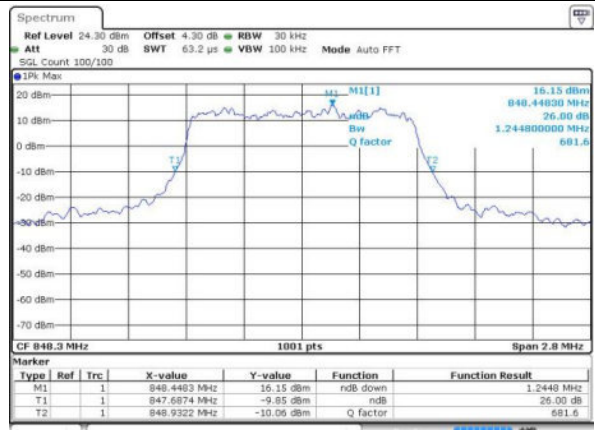
Date: 17 JUN 2016 14:24:00

Highest Channel / 1.4MHz / QPSK



Date: 17 JUN 2016 14:28:21

Highest Channel / 1.4MHz / 16QAM

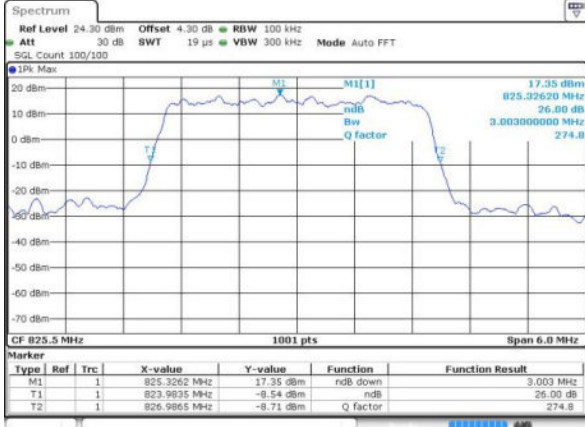


Date: 17 JUN 2016 14:26:31



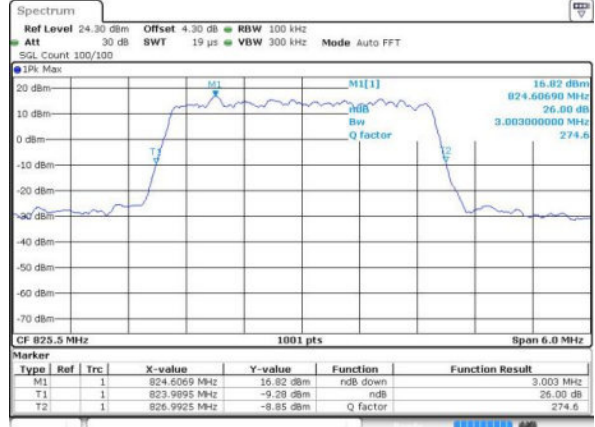
LTE Band 5

Lowest Channel / 3MHz / QPSK



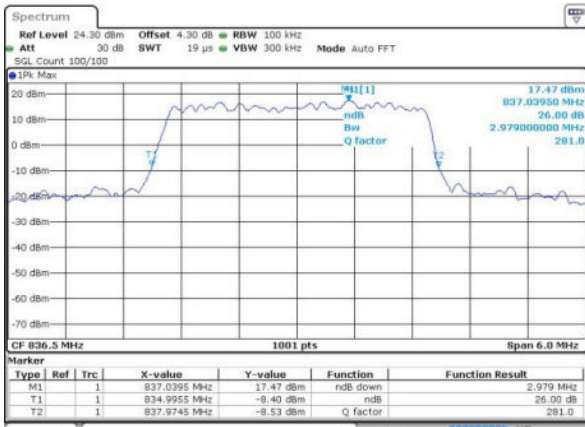
Date: 17 JUN 2016 14:41:25

Lowest Channel / 3MHz / 16QAM



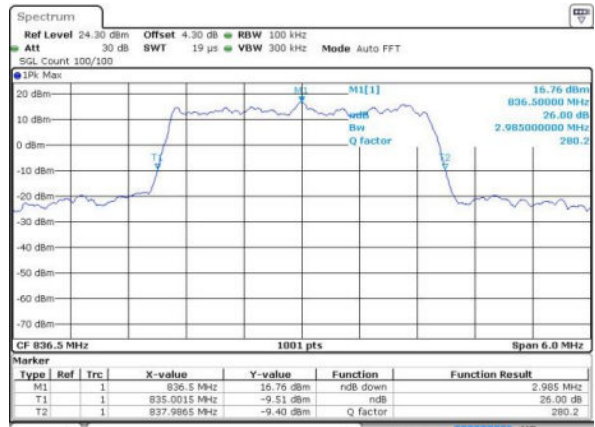
Date: 17 JUN 2016 14:41:35

Middle Channel / 3MHz / QPSK



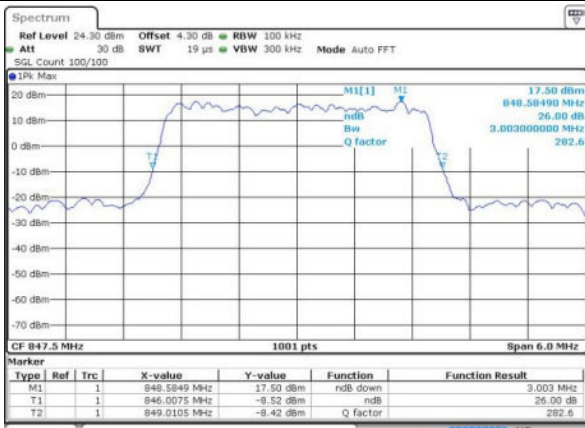
Date: 17 JUN 2016 14:56:28

Middle Channel / 3MHz / 16QAM



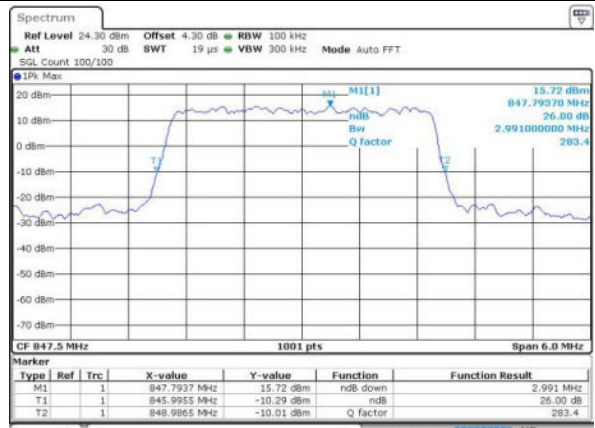
Date: 17 JUN 2016 17:46:42

Highest Channel / 3MHz / QPSK



Date: 17 JUN 2016 14:59:00

Highest Channel / 3MHz / 16QAM

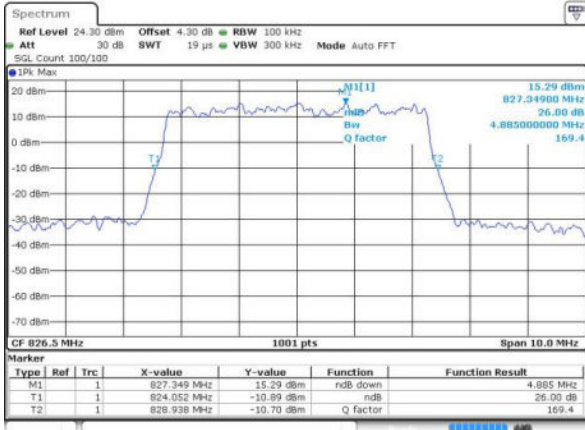


Date: 17 JUN 2016 14:59:10



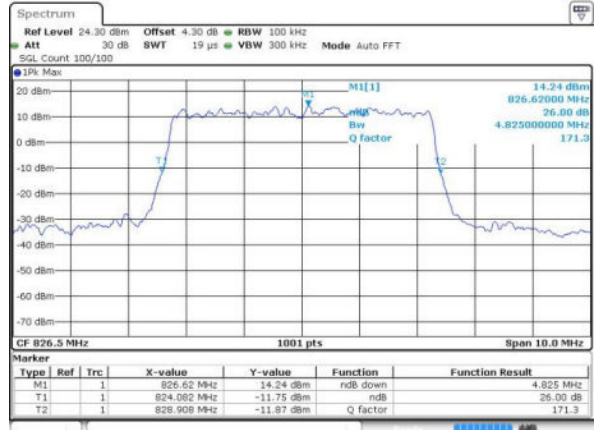
LTE Band 5

Lowest Channel / 5MHz / QPSK



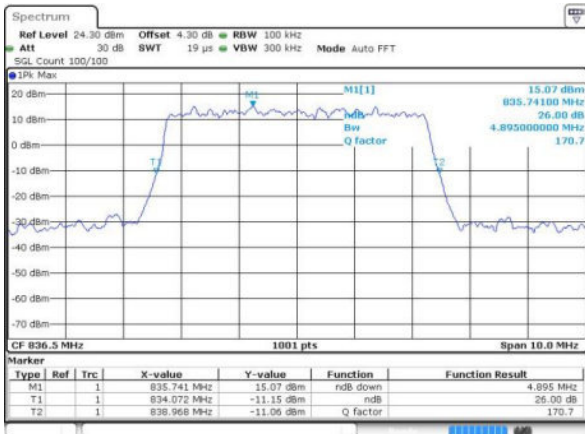
Date: 17 JUN 2016 15:14:03

Lowest Channel / 5MHz / 16QAM



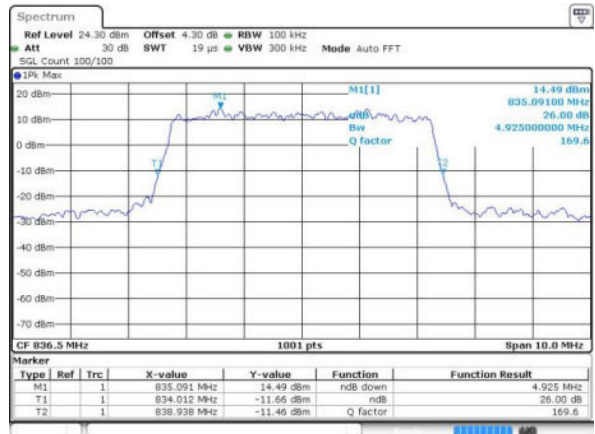
Date: 17 JUN 2016 15:14:14

Middle Channel / 5MHz / QPSK



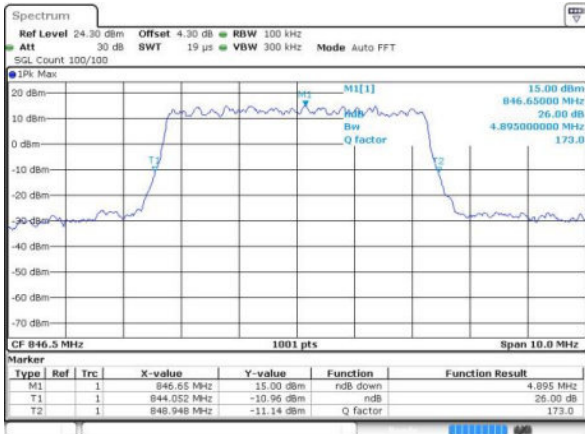
Date: 17 JUN 2016 15:29:07

Middle Channel / 5MHz / 16QAM



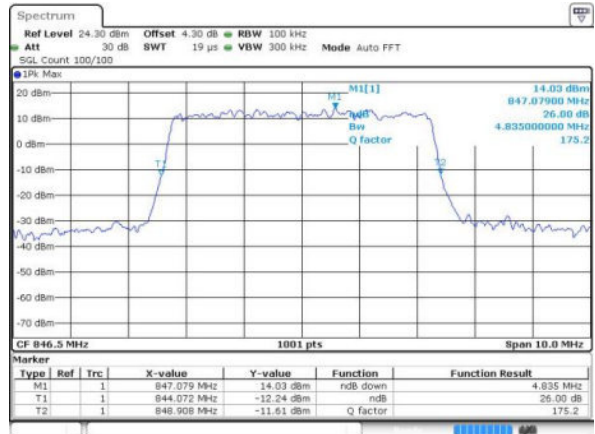
Date: 17 JUN 2016 15:29:17

Highest Channel / 5MHz / QPSK



Date: 17 JUN 2016 15:31:38

Highest Channel / 5MHz / 16QAM

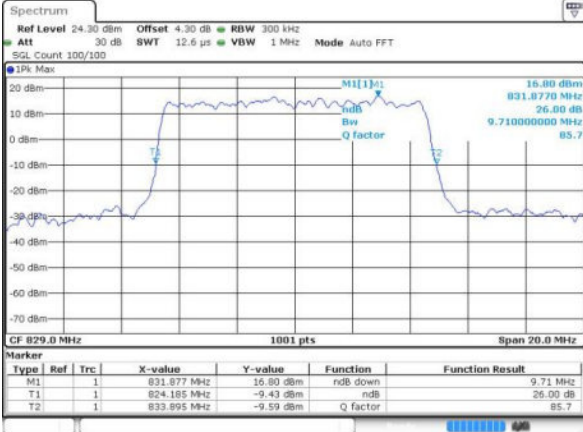


Date: 17 JUN 2016 15:31:49



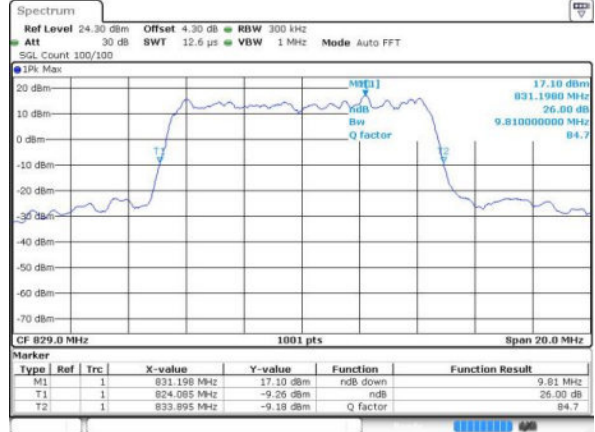
LTE Band 5

Lowest Channel / 10MHz / QPSK



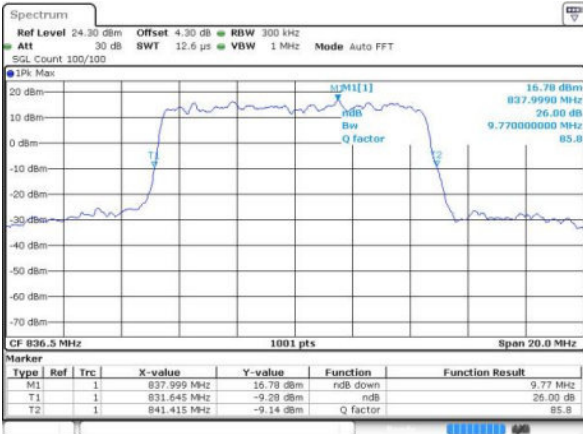
Date: 17 JUN 2016 17:33:05

Lowest Channel / 10MHz / 16QAM



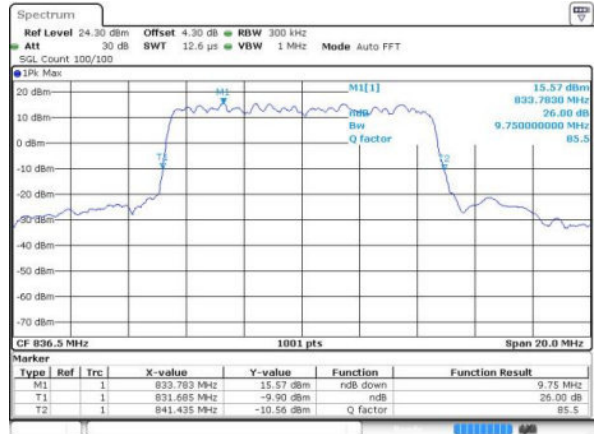
Date: 17 JUN 2016 17:32:46

Middle Channel / 10MHz / QPSK



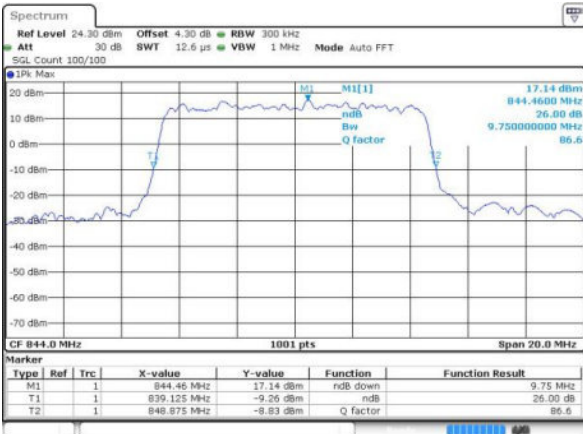
Date: 17 JUN 2016 17:33:37

Middle Channel / 10MHz / 16QAM



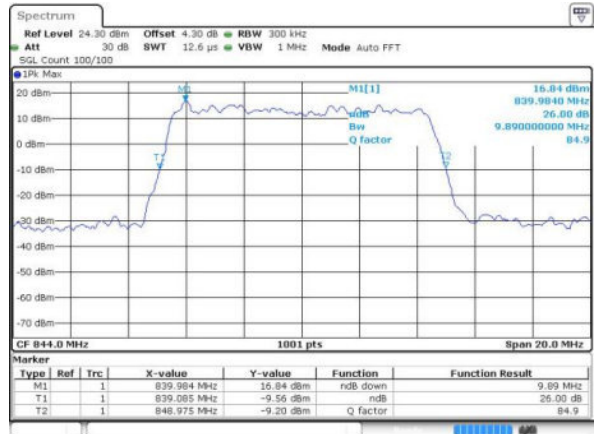
Date: 17 JUN 2016 17:34:13

Highest Channel / 10MHz / QPSK



Date: 17 JUN 2016 17:35:09

Highest Channel / 10MHz / 16QAM

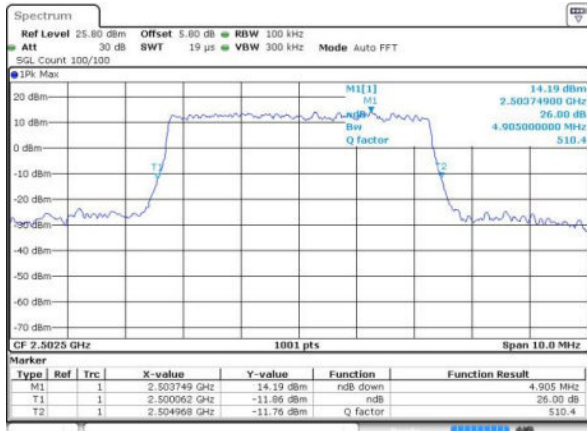


Date: 17 JUN 2016 17:34:33



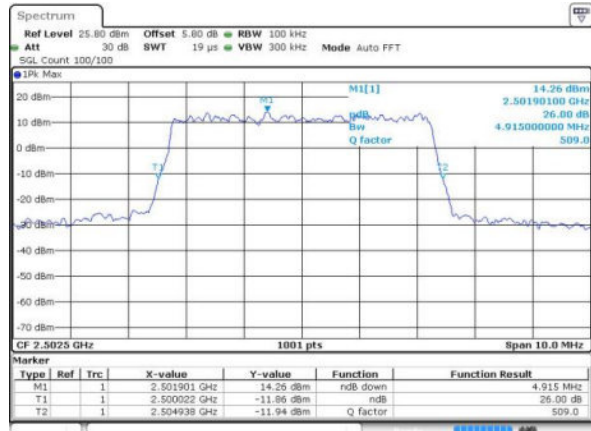
LTE Band 7

Lowest Channel / 5MHz / QPSK



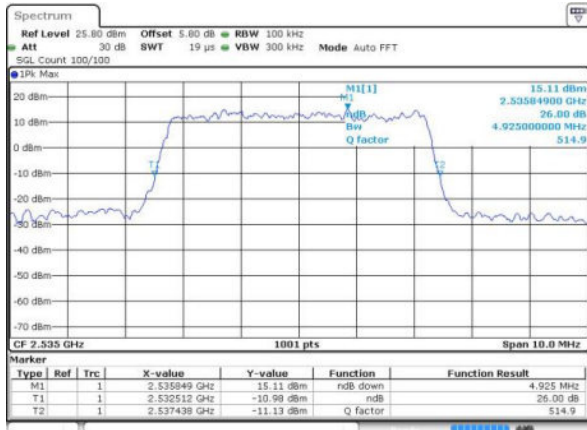
Date: 20 JUN 2016 10:15:07

Lowest Channel / 5MHz / 16QAM



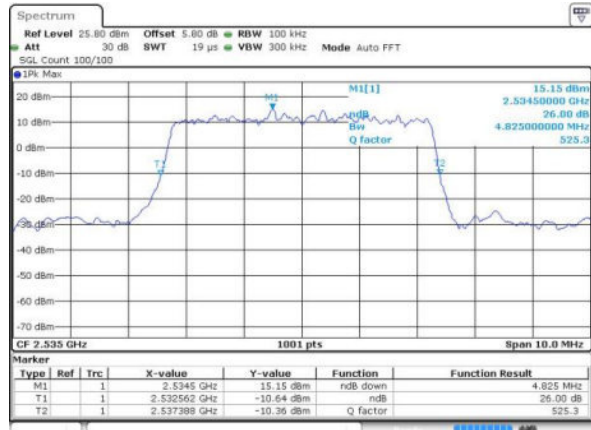
Date: 20 JUN 2016 10:15:28

Middle Channel / 5MHz / QPSK



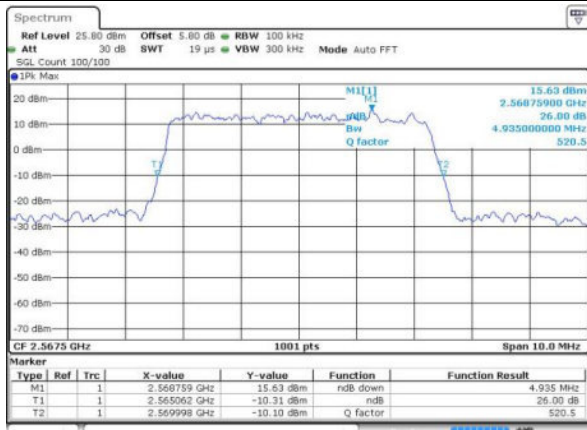
Date: 20 JUN 2016 10:16:09

Middle Channel / 5MHz / 16QAM



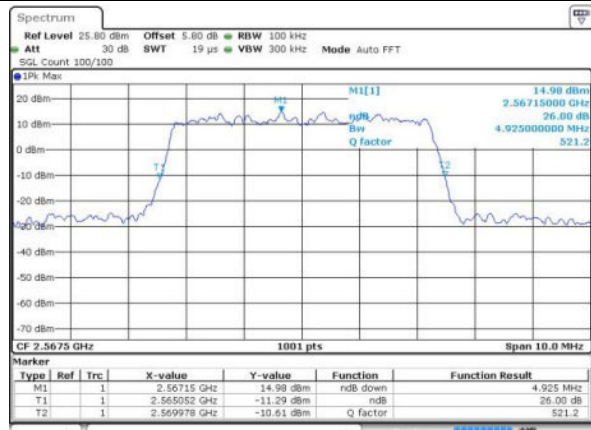
Date: 20 JUN 2016 10:15:49

Highest Channel / 5MHz / QPSK



Date: 20 JUN 2016 10:16:30

Highest Channel / 5MHz / 16QAM



Date: 20 JUN 2016 10:16:51



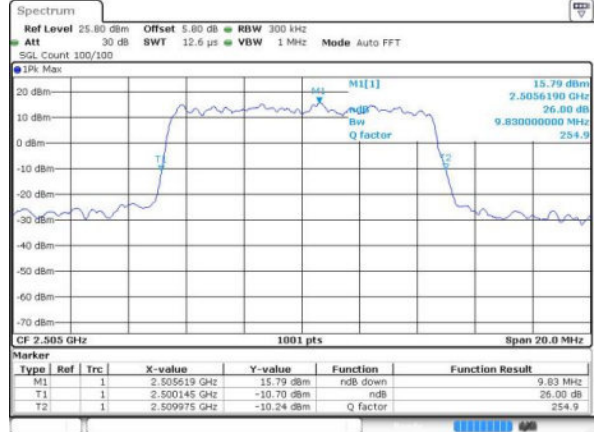
LTE Band 7

Lowest Channel / 10MHz / QPSK



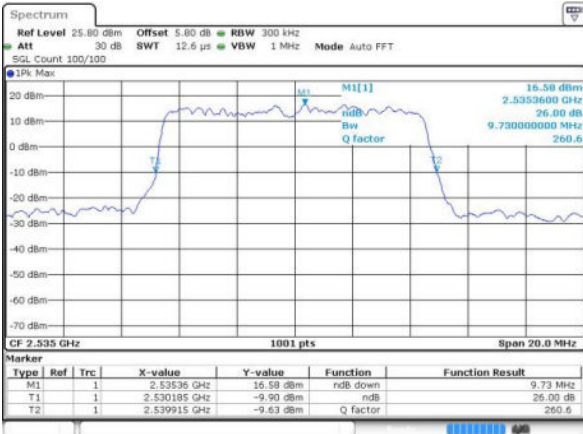
Date: 20 JUN 2016 10:31:47

Lowest Channel / 10MHz / 16QAM



Date: 20 JUN 2016 10:32:08

Middle Channel / 10MHz / QPSK



Date: 20 JUN 2016 10:32:50

Middle Channel / 10MHz / 16QAM



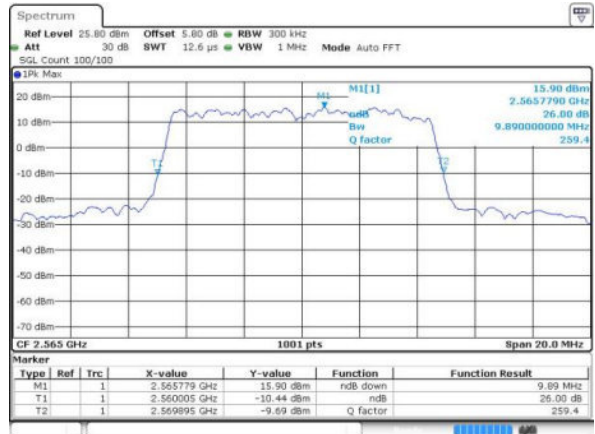
Date: 20 JUN 2016 10:32:29

Highest Channel / 10MHz / QPSK



Date: 20 JUN 2016 10:33:11

Highest Channel / 10MHz / 16QAM

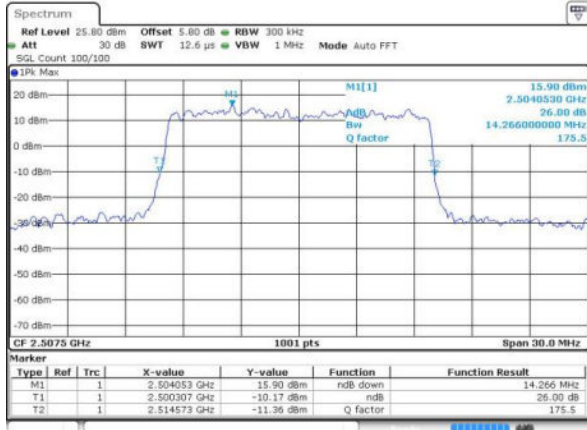


Date: 20 JUN 2016 10:33:32



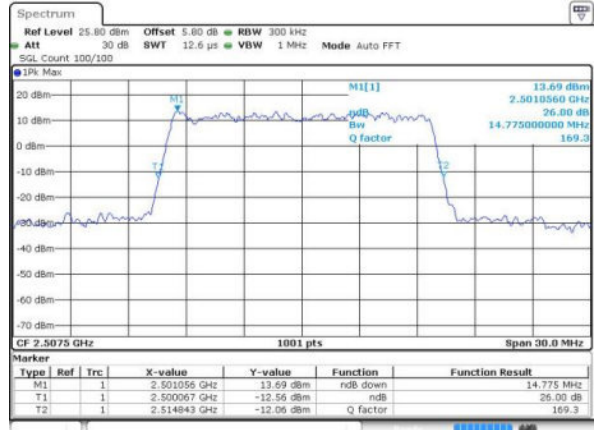
LTE Band 7

Lowest Channel / 15MHz / QPSK



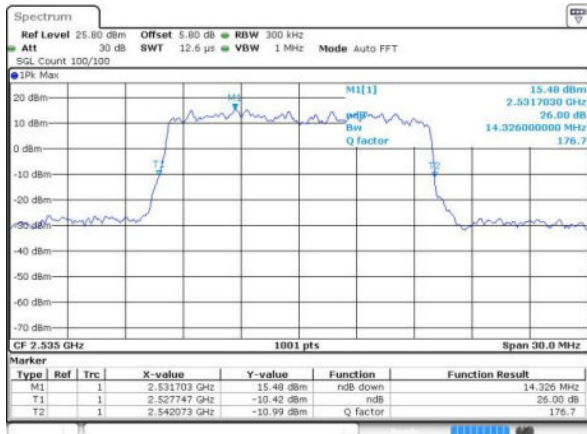
Date: 20 JUN 2016 10:48:49

Lowest Channel / 15MHz / 16QAM



Date: 20 JUN 2016 10:48:28

Middle Channel / 15MHz / QPSK



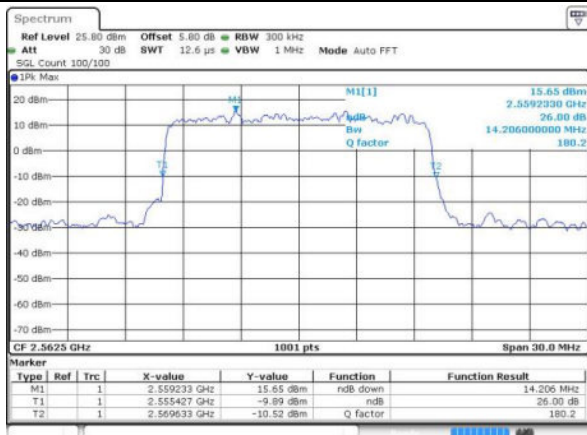
Date: 20 JUN 2016 10:49:09

Middle Channel / 15MHz / 16QAM



Date: 20 JUN 2016 13:54:17

Highest Channel / 15MHz / QPSK



Date: 20 JUN 2016 10:50:12

Highest Channel / 15MHz / 16QAM

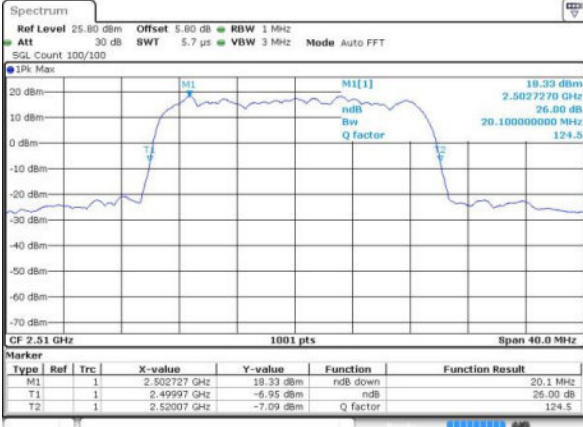


Date: 20 JUN 2016 10:49:51



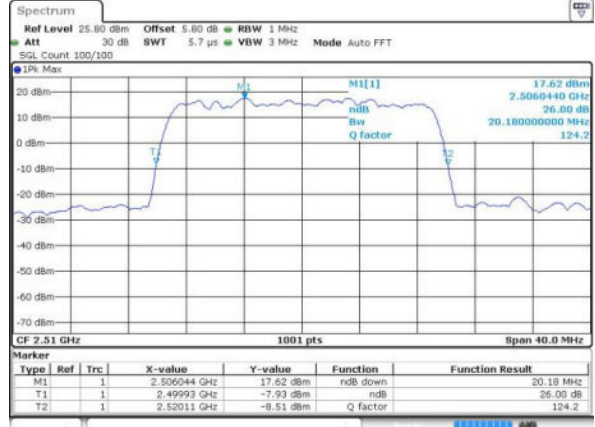
LTE Band 7

Lowest Channel / 20MHz / QPSK



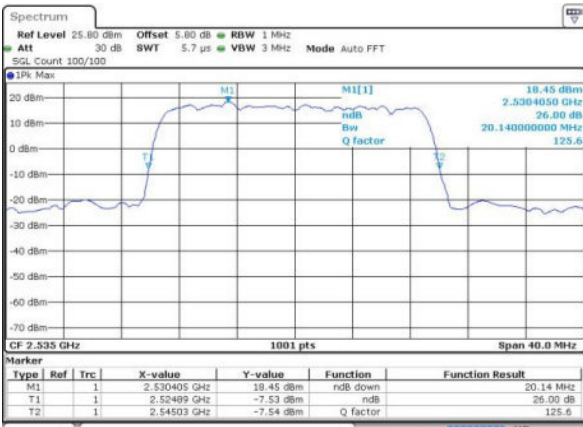
Date: 20 JUN 2016 11:05:29

Lowest Channel / 20MHz / 16QAM



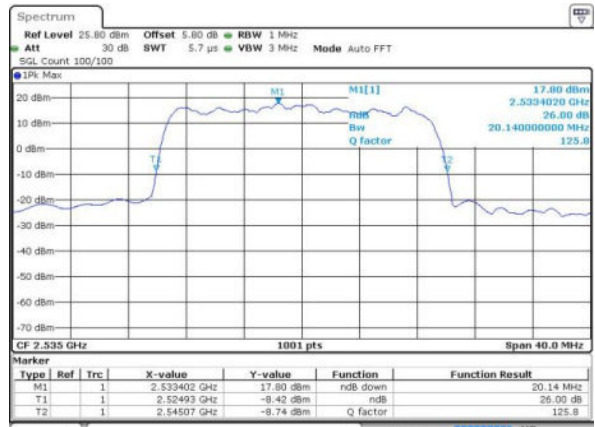
Date: 20 JUN 2016 11:05:08

Middle Channel / 20MHz / QPSK



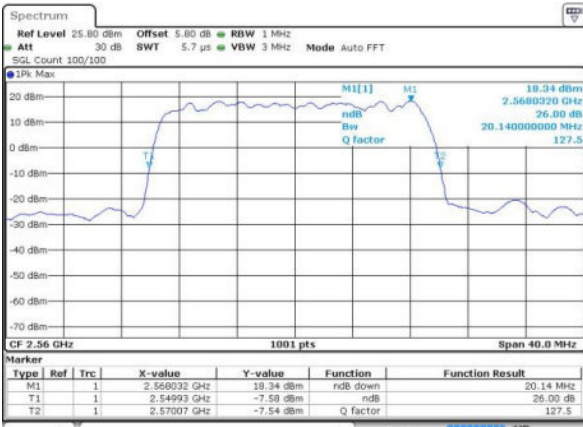
Date: 20 JUN 2016 11:05:49

Middle Channel / 20MHz / 16QAM



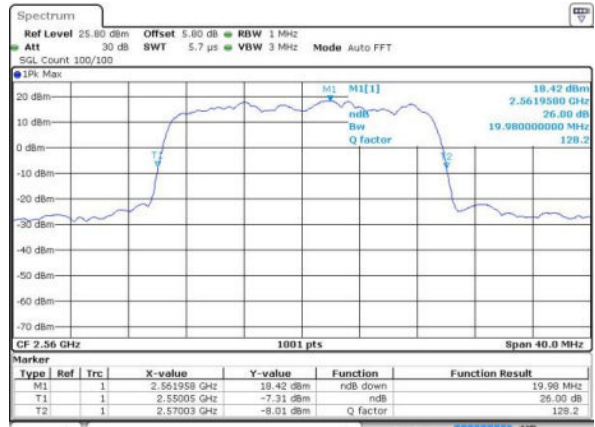
Date: 20 JUN 2016 11:06:10

Highest Channel / 20MHz / QPSK



Date: 20 JUN 2016 11:06:52

Highest Channel / 20MHz / 16QAM

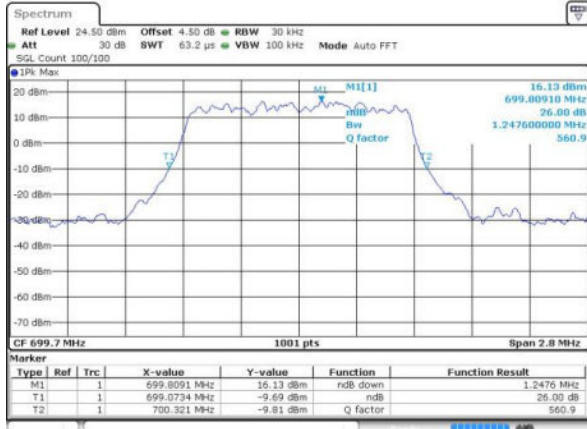


Date: 20 JUN 2016 11:06:31



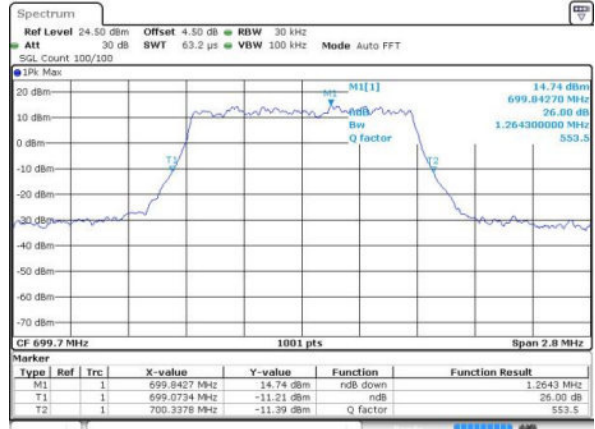
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



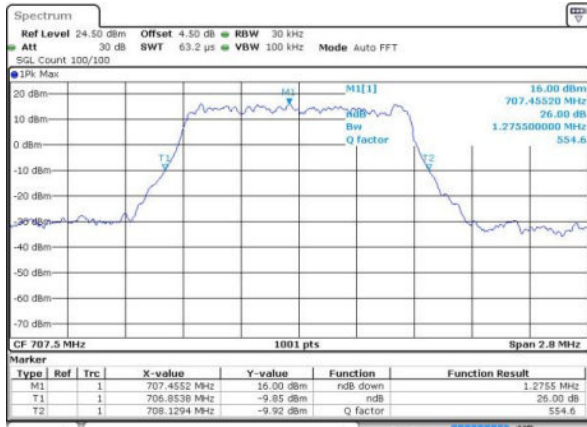
Date: 19 JUN 2016 22:05:48

Lowest Channel / 1.4MHz / 16QAM



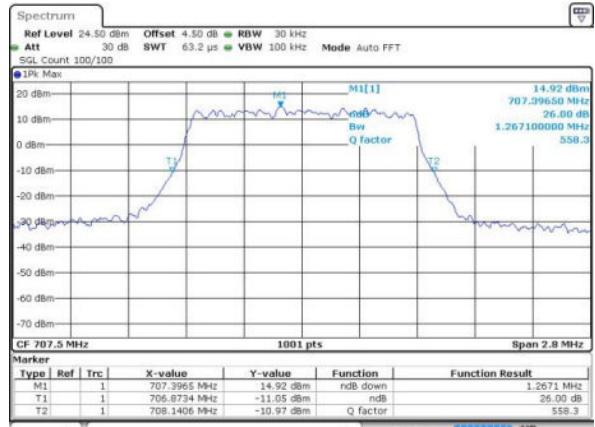
Date: 19 JUN 2016 22:06:10

Middle Channel / 1.4MHz / QPSK



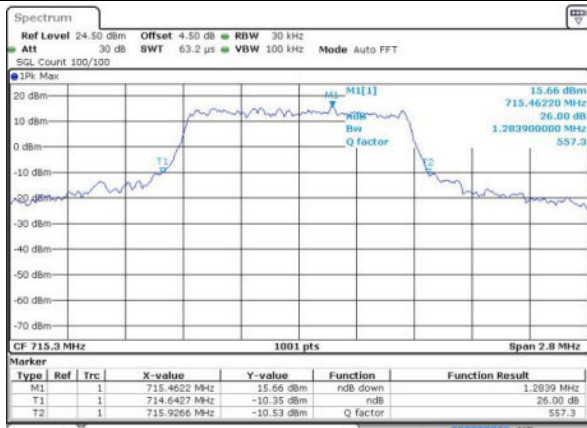
Date: 19 JUN 2016 22:06:54

Middle Channel / 1.4MHz / 16QAM



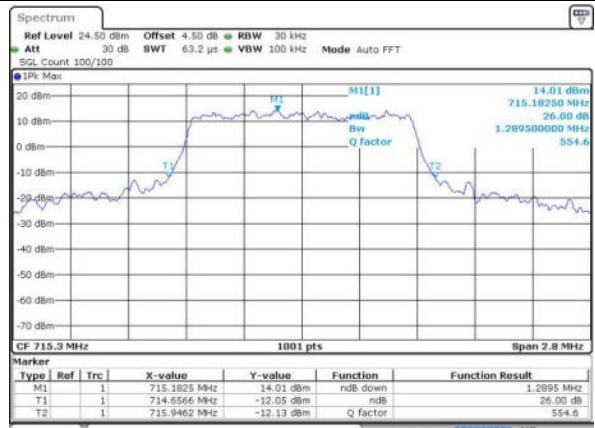
Date: 19 JUN 2016 22:06:32

Highest Channel / 1.4MHz / QPSK



Date: 19 JUN 2016 22:07:16

Highest Channel / 1.4MHz / 16QAM

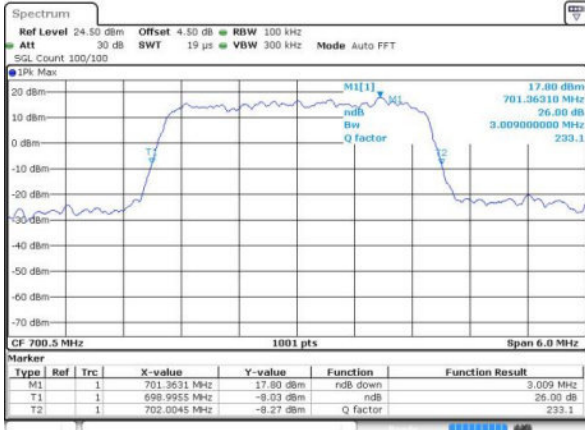


Date: 19 JUN 2016 22:07:39



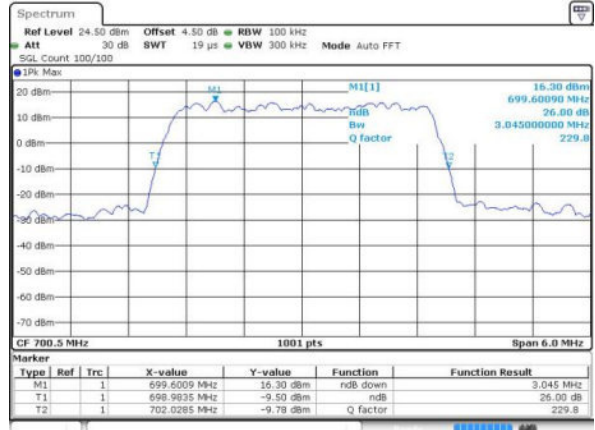
LTE Band 12

Lowest Channel / 3MHz / QPSK



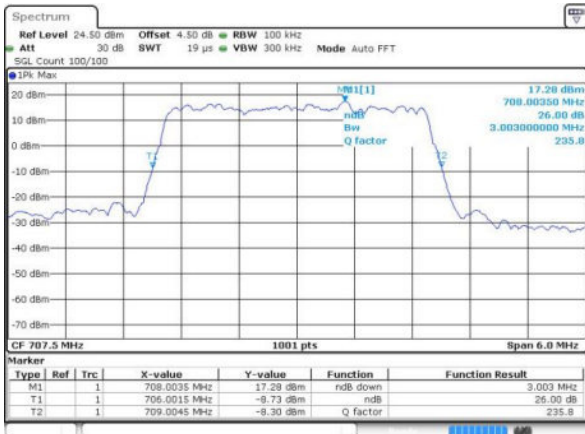
Date: 19 JUN 2016 23:04:15

Lowest Channel / 3MHz / 16QAM



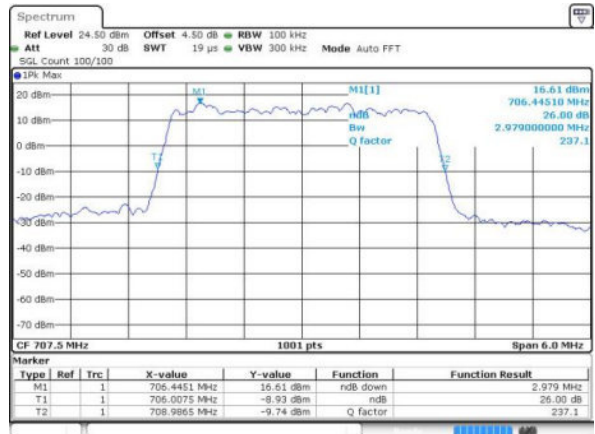
Date: 19 JUN 2016 23:04:48

Middle Channel / 3MHz / QPSK



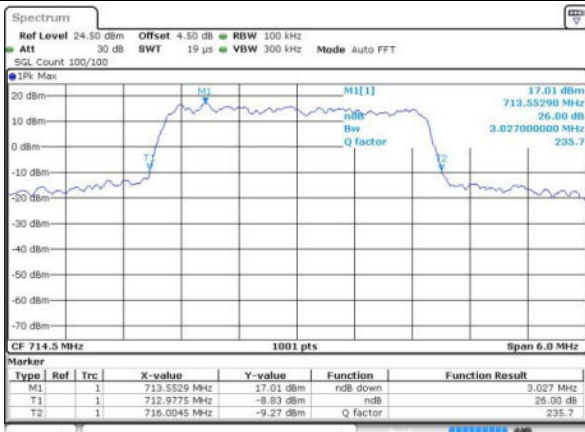
Date: 19 JUN 2016 23:05:55

Middle Channel / 3MHz / 16QAM



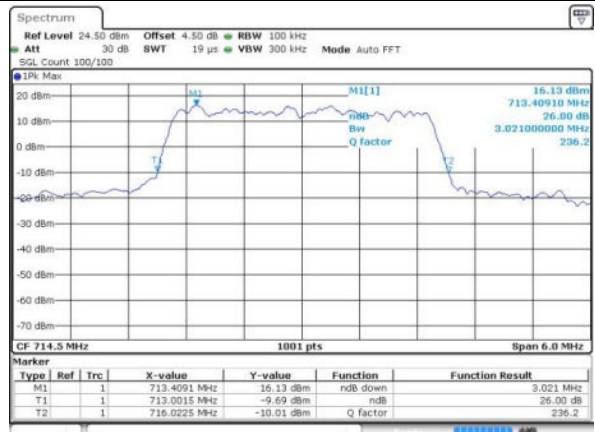
Date: 19 JUN 2016 23:05:14

Highest Channel / 3MHz / QPSK



Date: 19 JUN 2016 23:06:42

Highest Channel / 3MHz / 16QAM

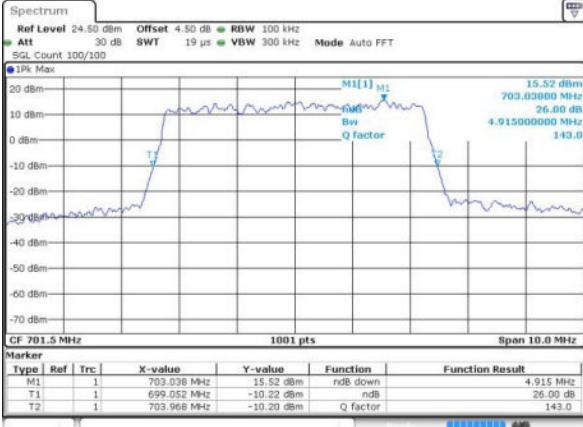


Date: 19 JUN 2016 23:07:41



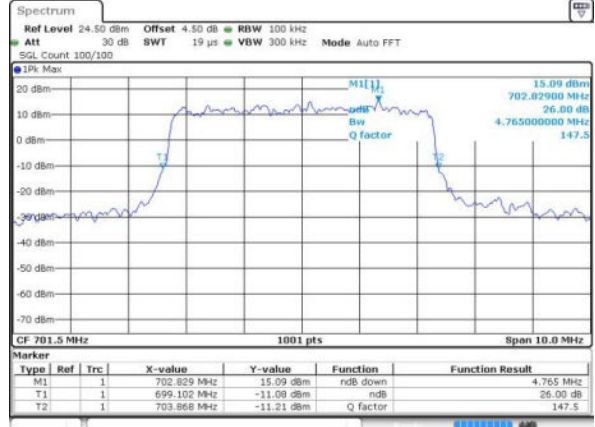
LTE Band 12

Lowest Channel / 5MHz / QPSK



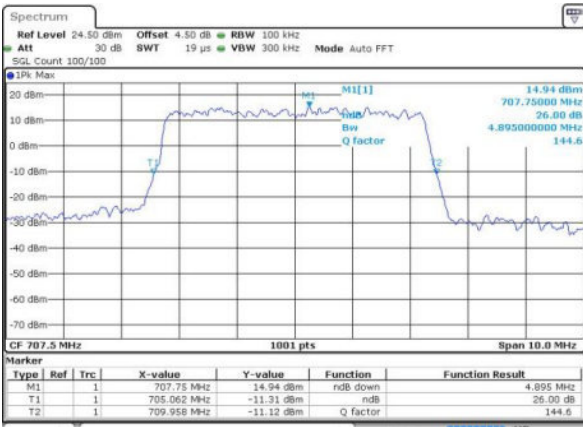
Date: 19 JUN 2016 23:20:47

Lowest Channel / 5MHz / 16QAM



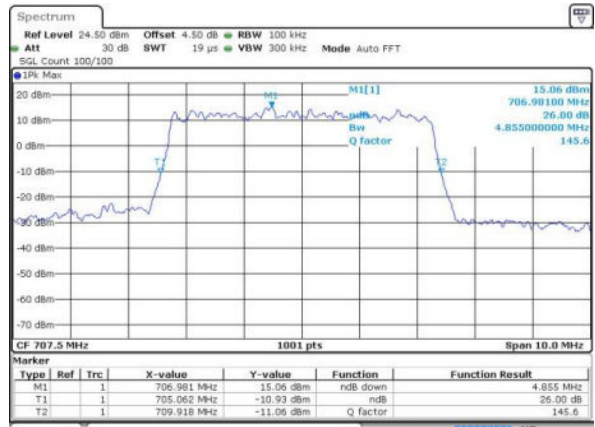
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Middle Channel / 5MHz / QPSK



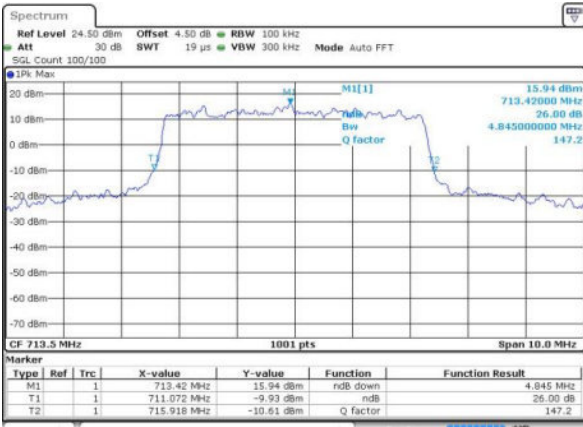
Date: 19 JUN 2016 23:21:22

Middle Channel / 5MHz / 16QAM



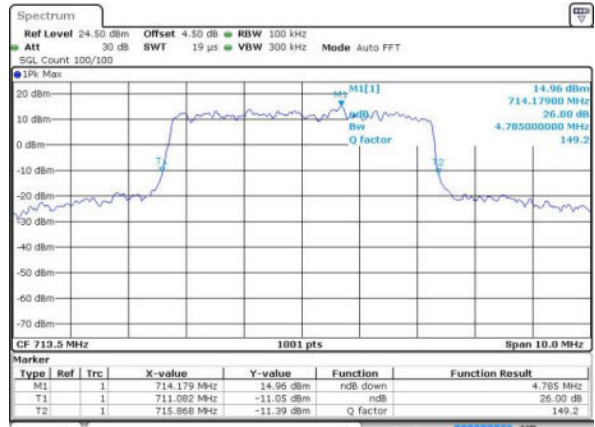
Date: 19 JUN 2016 23:22:03

Highest Channel / 5MHz / QPSK



Date: 19 JUN 2016 23:23:16

Highest Channel / 5MHz / 16QAM

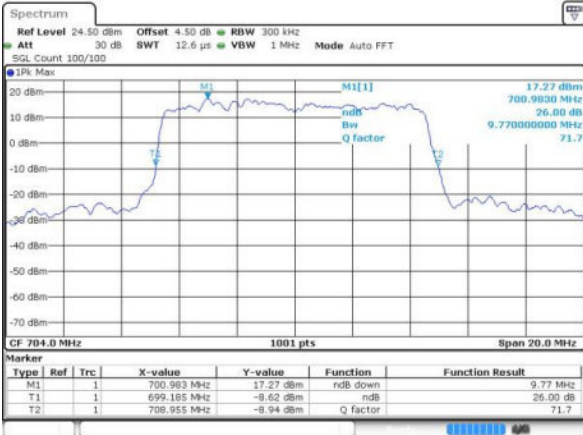


Date: 19 JUN 2016 23:22:45



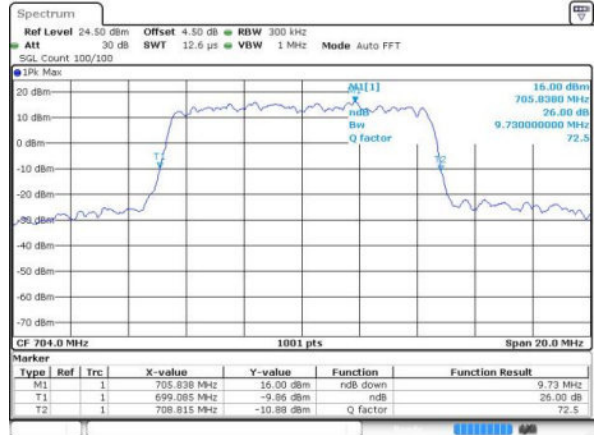
LTE Band 12

Lowest Channel / 10MHz / QPSK



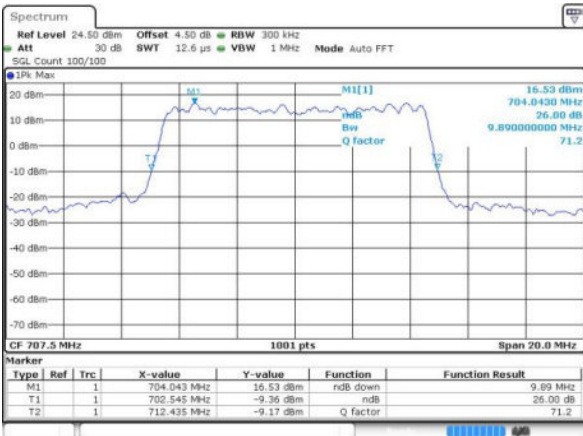
Date: 19 JUN 2016 23:36:24

Lowest Channel / 10MHz / 16QAM



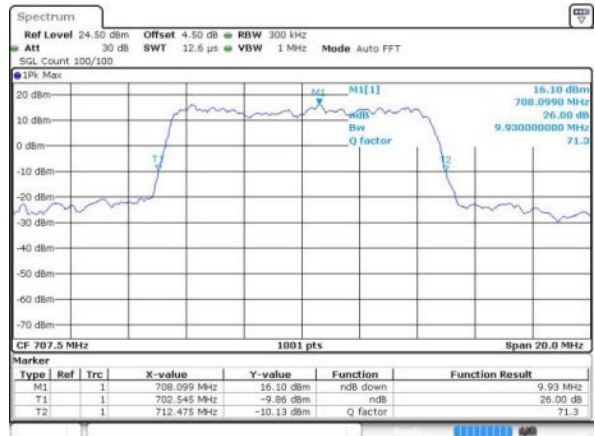
Date: 19 JUN 2016 23:36:00

Middle Channel / 10MHz / QPSK



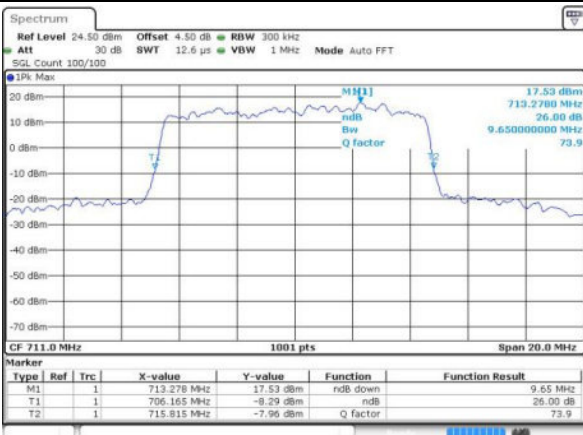
Date: 19 JUN 2016 23:36:52

Middle Channel / 10MHz / 16QAM



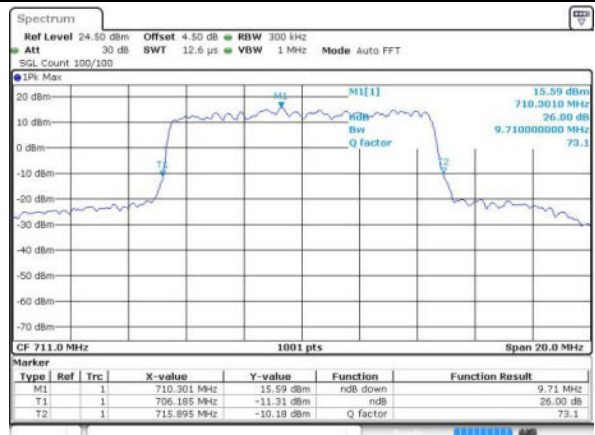
Date: 19 JUN 2016 23:37:25

Highest Channel / 10MHz / QPSK



Date: 19 JUN 2016 23:38:57

Highest Channel / 10MHz / 16QAM

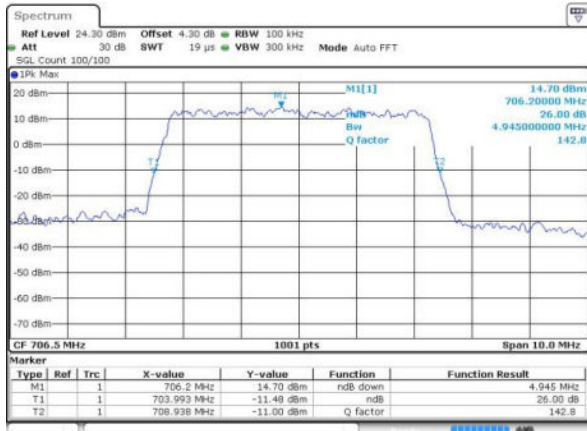


Date: 19 JUN 2016 23:38:09



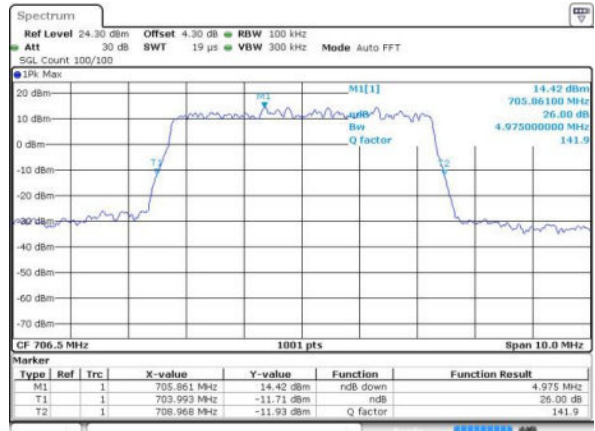
LTE Band 17

Lowest Channel / 5MHz / QPSK



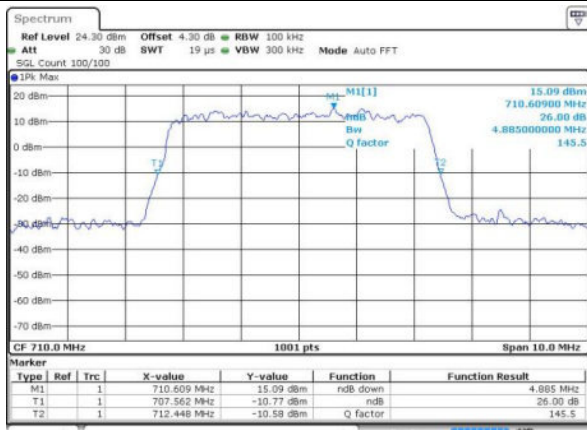
Date: 17 JUN 2016 19:59:11

Lowest Channel / 5MHz / 16QAM



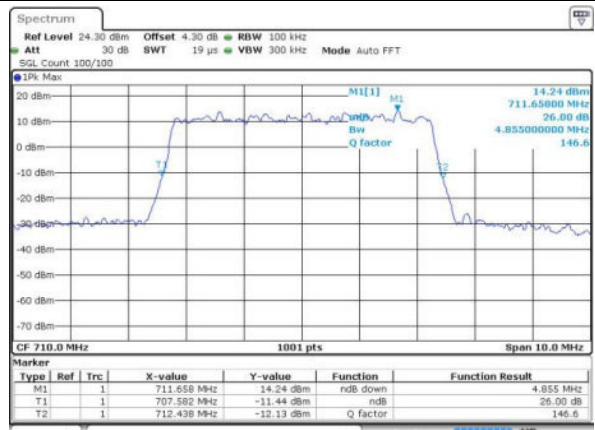
Date: 17 JUN 2016 19:59:22

Middle Channel / 5MHz / QPSK



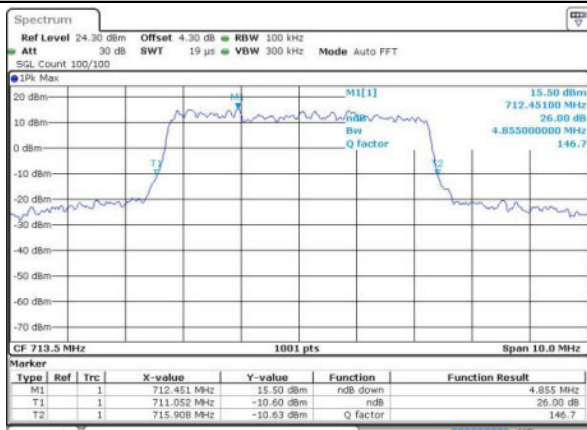
Date: 17 JUN 2016 20:06:21

Middle Channel / 5MHz / 16QAM



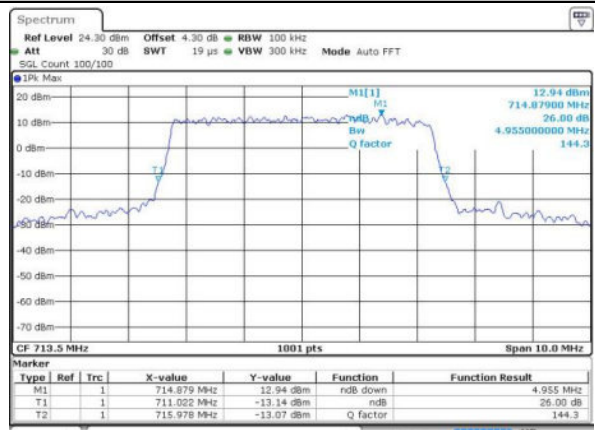
Date: 17 JUN 2016 20:37:52

Highest Channel / 5MHz / QPSK



Date: 17 JUN 2016 20:08:58

Highest Channel / 5MHz / 16QAM

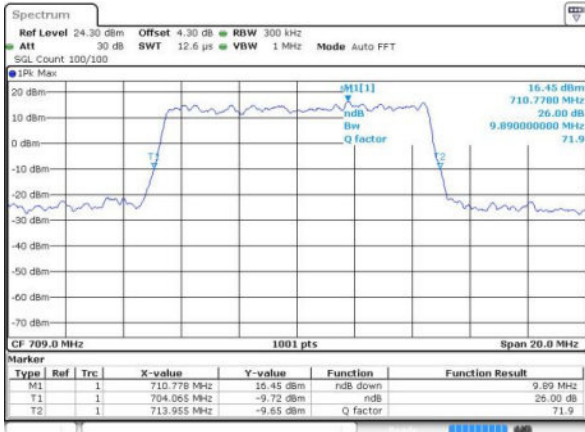


Date: 17 JUN 2016 20:09:09

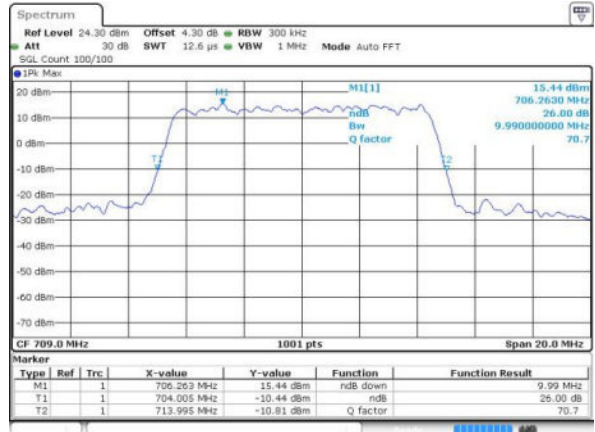


LTE Band 17

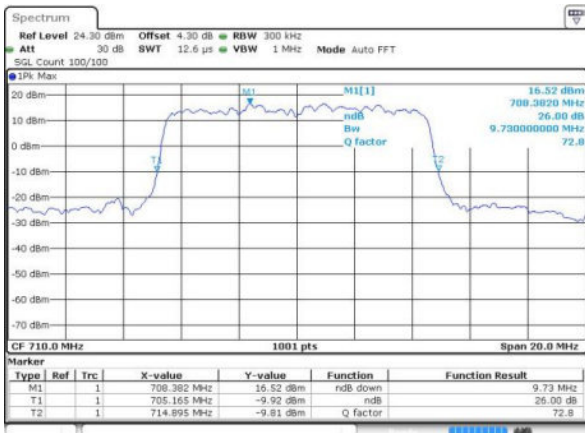
Lowest Channel / 10MHz / QPSK



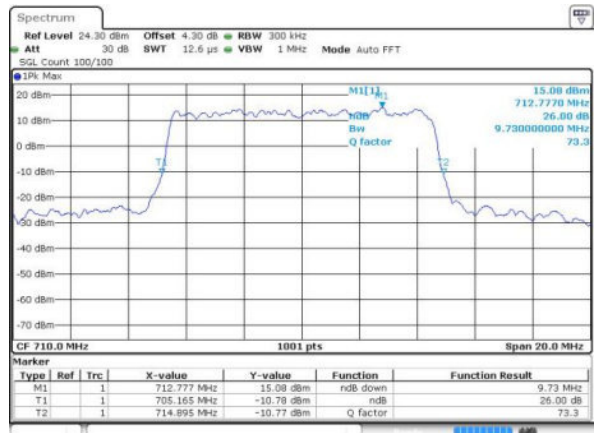
Lowest Channel / 10MHz / 16QAM



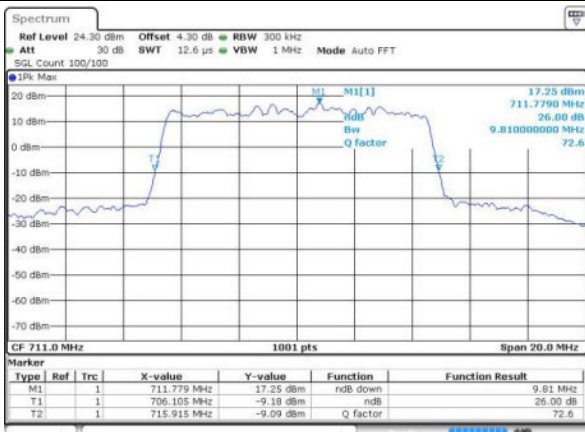
Middle Channel / 10MHz / QPSK



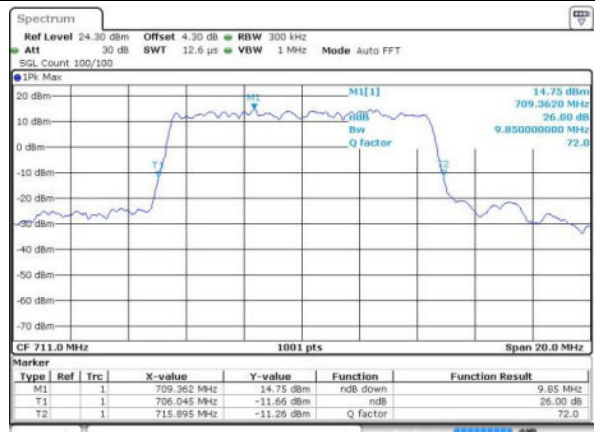
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





### 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	2.7	4.48	4.49	8.97	8.97	13.31	13.4	18.18	18.06
Middle CH	1.1	1.09	2.71	2.72	4.49	4.52	9.01	9.01	13.37	13.49	18.22	18.42
Highest CH	1.09	1.1	2.72	2.72	4.48	4.48	9.01	9.03	13.46	13.43	18.14	18.26

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	2.71	2.7	4.49	4.47	9.01	9.03	13.4	13.37	18.1	18.18
Middle CH	1.1	1.09	2.73	2.72	4.48	4.49	9.05	9.03	13.43	13.43	18.26	18.22
Highest CH	1.1	1.1	2.72	2.7	4.49	4.49	9.01	8.97	13.4	13.34	18.22	18.06

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	2.7	2.72	4.48	4.47	9.01	8.95	-	-	-	-
Middle CH	1.09	1.1	2.71	2.71	4.51	4.47	9.03	8.97	-	-	-	-
Highest CH	1.1	1.1	2.71	2.72	4.49	4.47	9.01	9.03	-	-	-	-



Mode	LTE Band 7 : 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	-	-	-	-	4.51	4.48	9.05	9.07	13.46	13.46	18.42	18.38
Middle CH	-	-	-	-	4.48	4.49	9.01	9.03	13.43	13.37	18.42	18.22
Highest CH	-	-	-	-	4.49	4.49	8.97	8.99	13.46	13.4	18.18	18.22

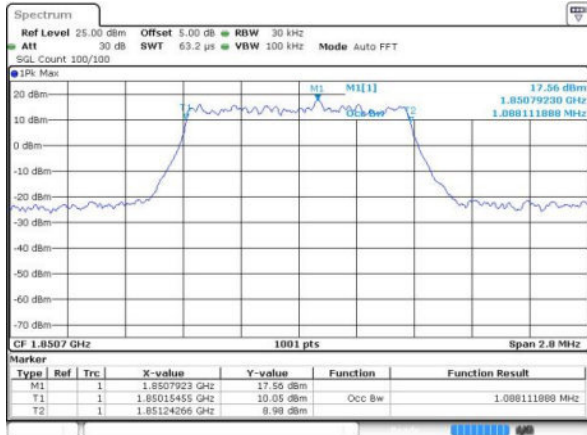
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.72	2.71	4.49	4.45	8.93	8.99	-	-	-	-
Middle CH	1.09	1.09	2.71	2.71	4.49	4.51	9.07	9.05	-	-	-	-
Highest CH	1.09	1.1	2.72	2.72	4.52	4.48	8.99	8.95	-	-	-	-

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	4.48	9.05	9.01	-	-	-	-
Middle CH	-	-	-	-	4.48	4.48	9.03	9.01	-	-	-	-
Highest CH	-	-	-	-	4.52	4.48	8.99	8.95	-	-	-	-



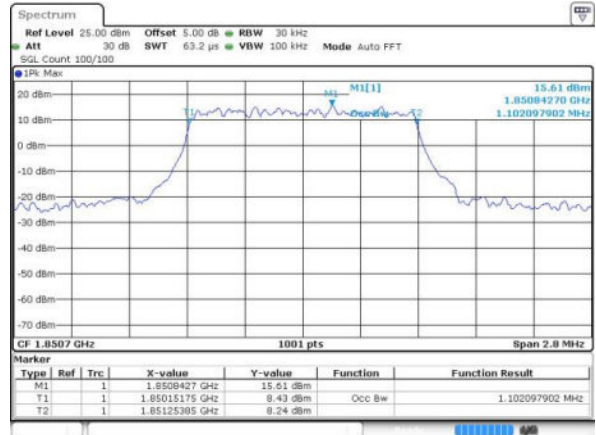
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



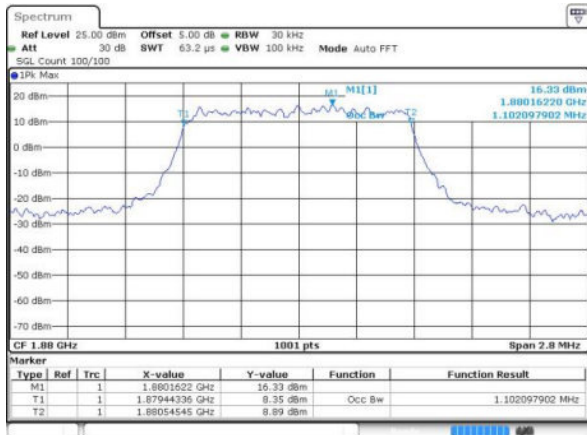
Date: 17 JUN 2016 09:07:47

Lowest Channel / 1.4MHz / 16QAM



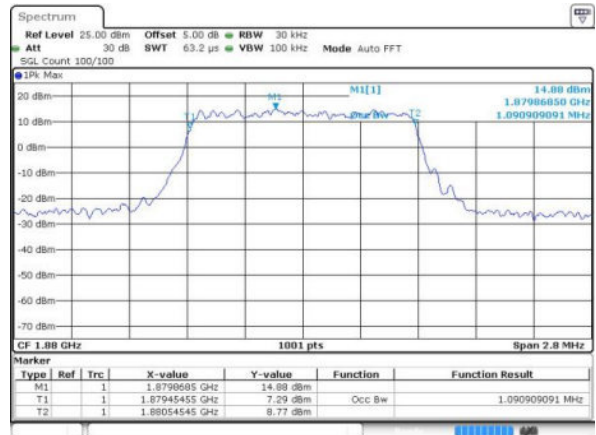
Date: 17 JUN 2016 09:07:58

Middle Channel / 1.4MHz / QPSK



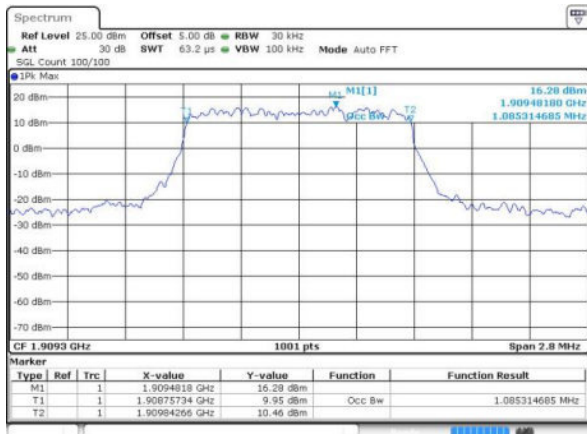
Date: 17 JUN 2016 09:14:52

Middle Channel / 1.4MHz / 16QAM



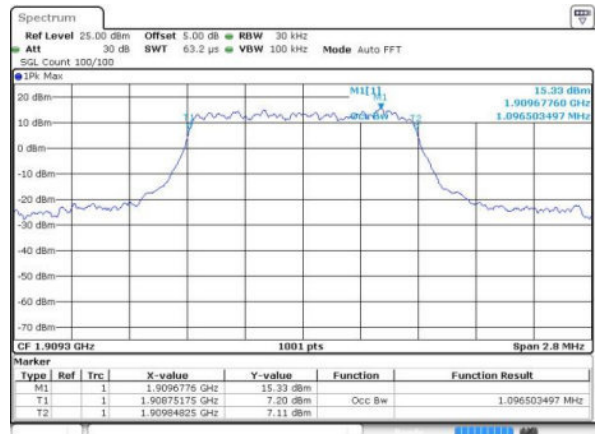
Date: 17 JUN 2016 09:15:03

Highest Channel / 1.4MHz / QPSK



Date: 17 JUN 2016 09:18:44

Highest Channel / 1.4MHz / 16QAM



Date: 17 JUN 2016 09:18:54