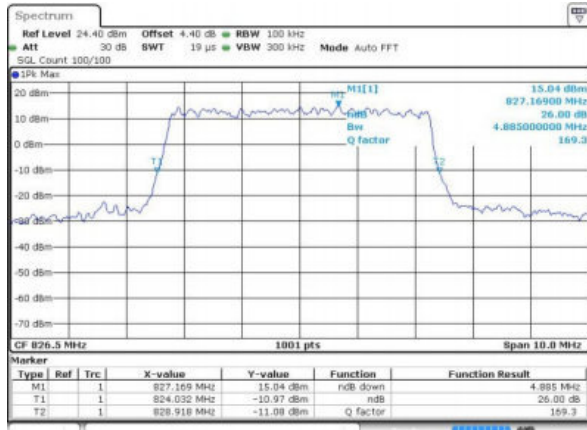




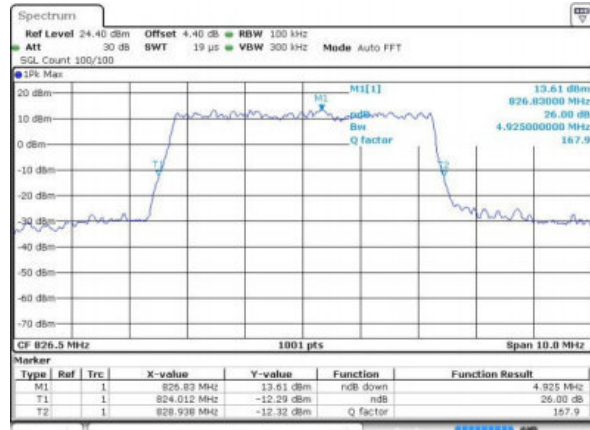
LTE Band 5

Lowest Channel / 5MHz / QPSK



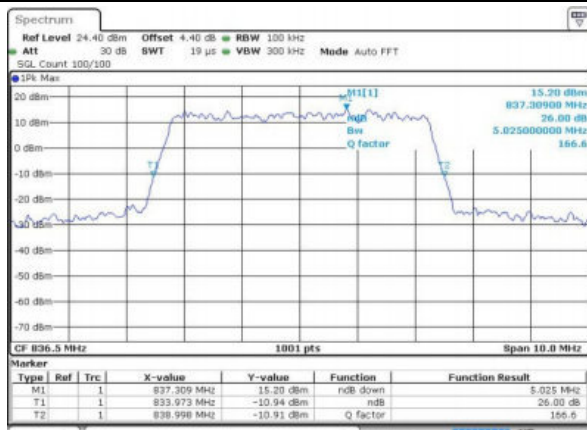
Date: 27 SEP 2016 16:42:38

Lowest Channel / 5MHz / 16QAM



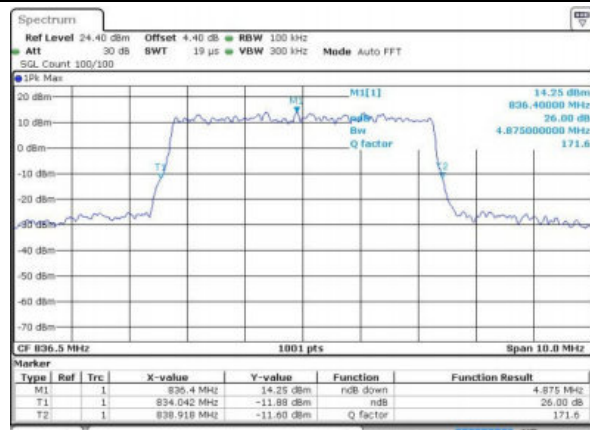
Date: 27 SEP 2016 16:42:48

Middle Channel / 5MHz / QPSK



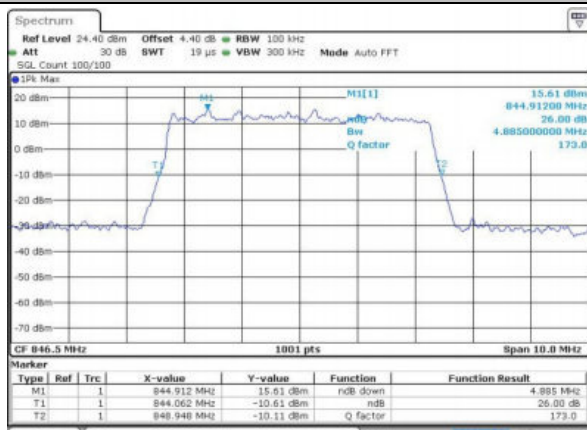
Date: 27 SEP 2016 16:51:51

Middle Channel / 5MHz / 16QAM



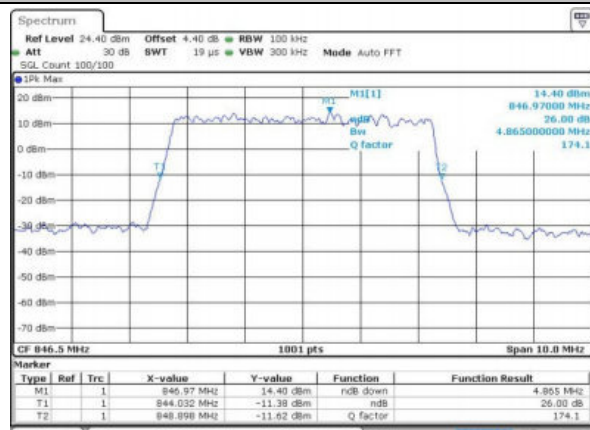
Date: 27 SEP 2016 16:52:02

Highest Channel / 5MHz / QPSK



Date: 27 SEP 2016 16:54:28

Highest Channel / 5MHz / 16QAM

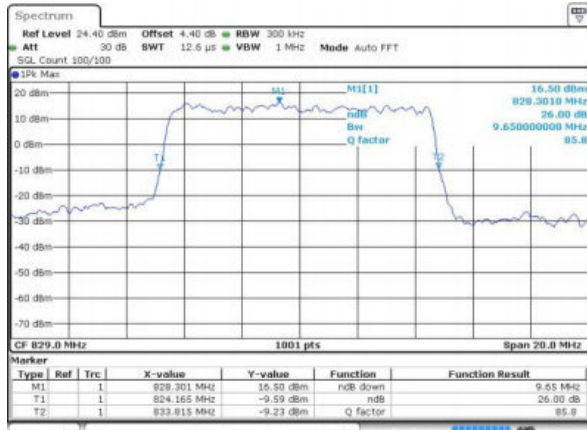


Date: 27 SEP 2016 16:54:39



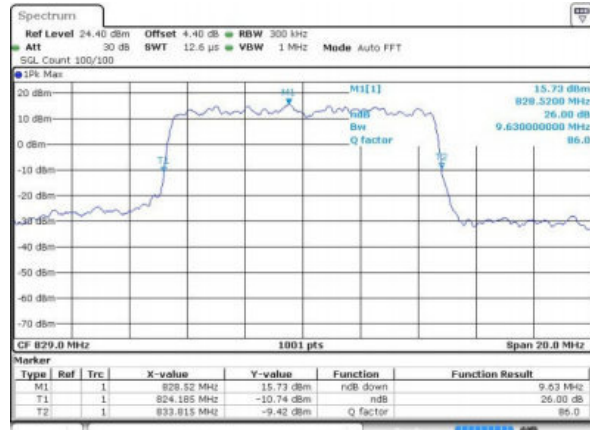
LTE Band 5

Lowest Channel / 10MHz / QPSK



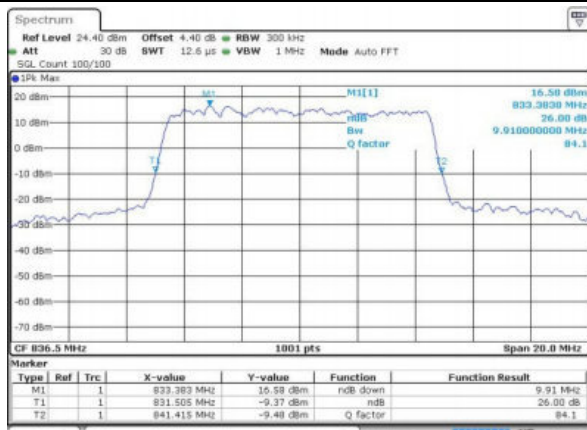
Date: 27 SEP 2016 17:03:41

Lowest Channel / 10MHz / 16QAM



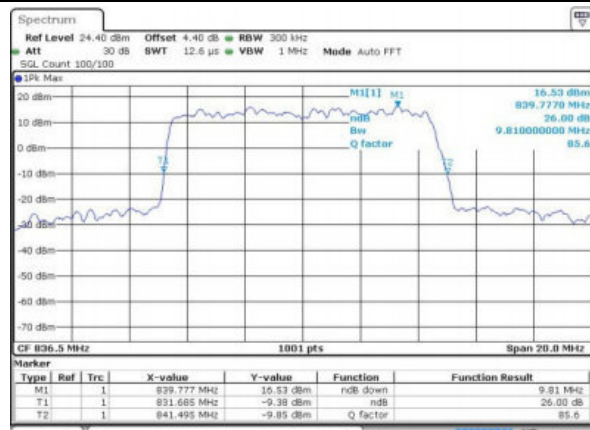
Date: 27 SEP 2016 17:03:52

Middle Channel / 10MHz / QPSK



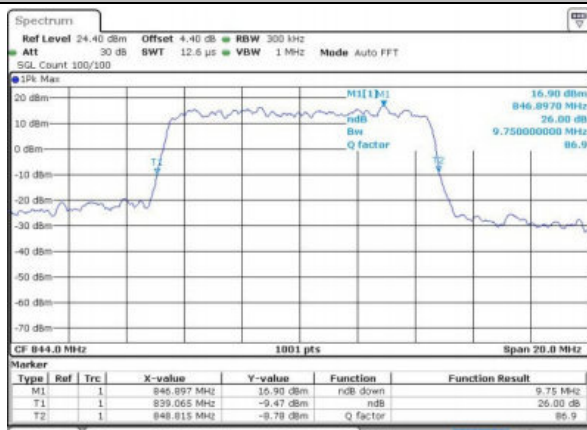
Date: 27 SEP 2016 17:12:52

Middle Channel / 10MHz / 16QAM



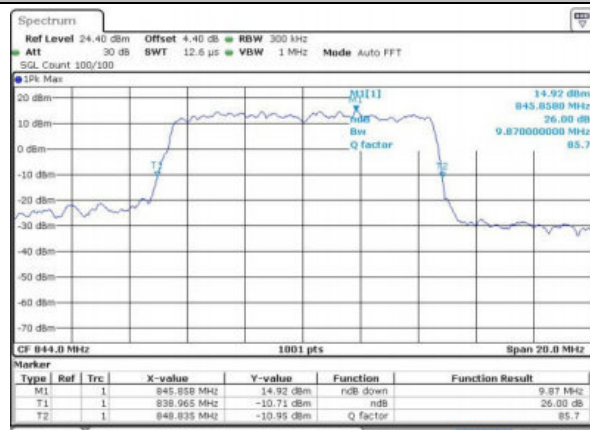
Date: 27 SEP 2016 17:13:03

Highest Channel / 10MHz / QPSK



Date: 27 SEP 2016 17:15:28

Highest Channel / 10MHz / 16QAM

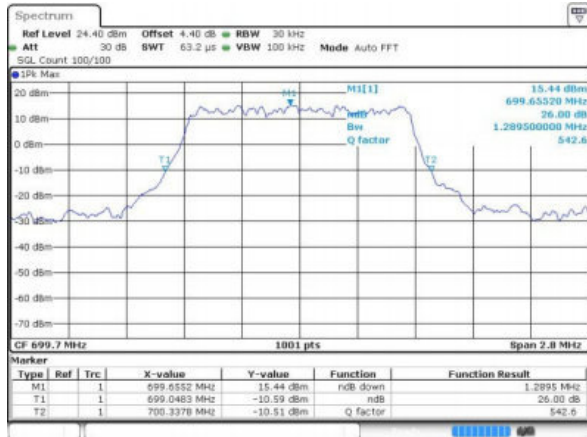


Date: 27 SEP 2016 17:15:39



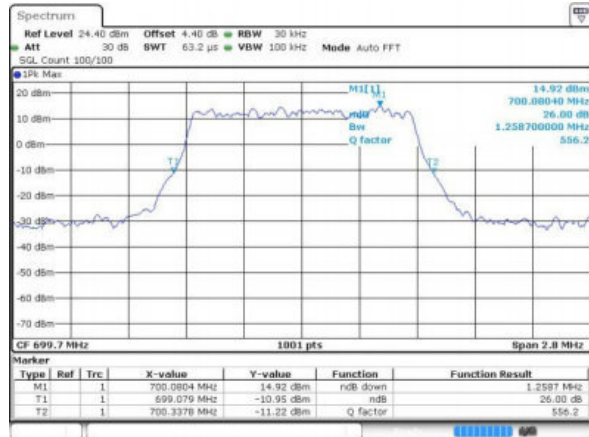
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



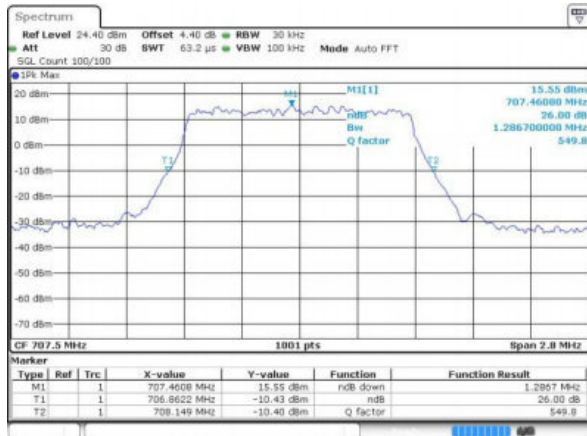
Date: 27 SEP 2016 17:33:29

Lowest Channel / 1.4MHz / 16QAM



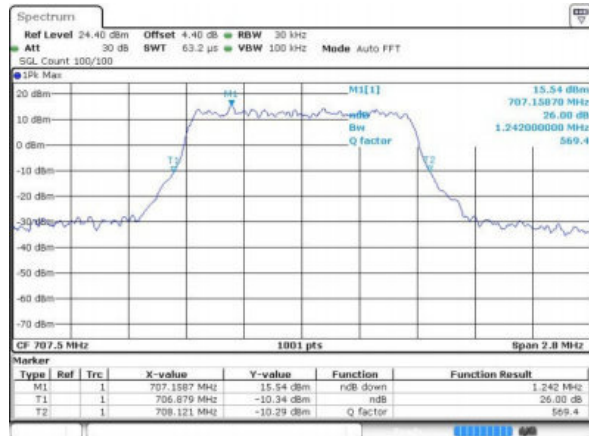
Date: 27 SEP 2016 17:33:18

Middle Channel / 1.4MHz / QPSK



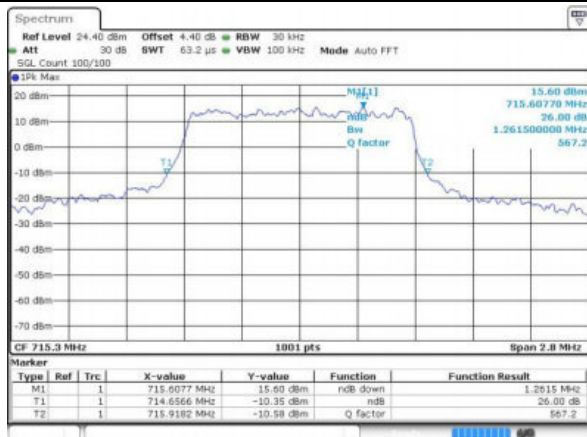
Date: 27 SEP 2016 17:32:55

Middle Channel / 1.4MHz / 16QAM



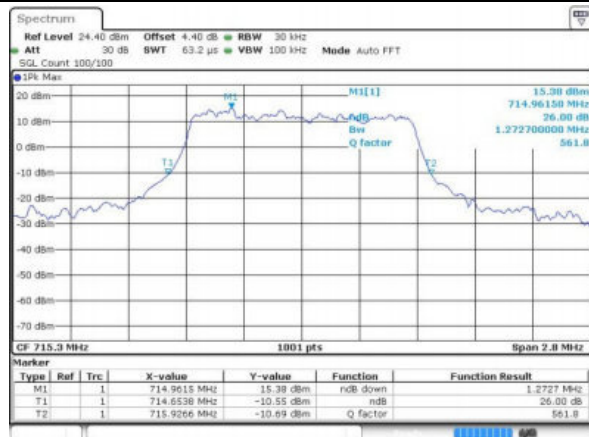
Date: 27 SEP 2016 17:33:07

Highest Channel / 1.4MHz / QPSK



Date: 27 SEP 2016 17:32:44

Highest Channel / 1.4MHz / 16QAM

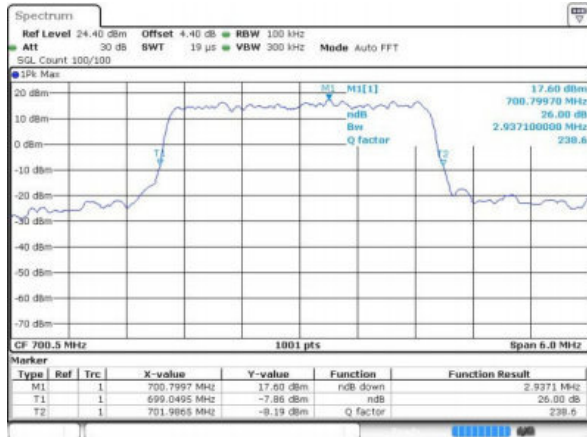


Date: 27 SEP 2016 17:32:33

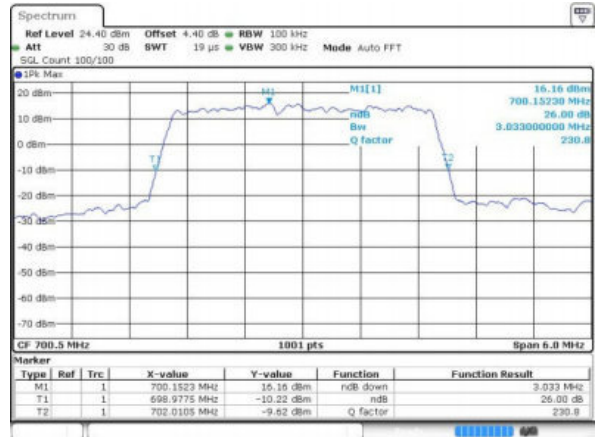


LTE Band 12

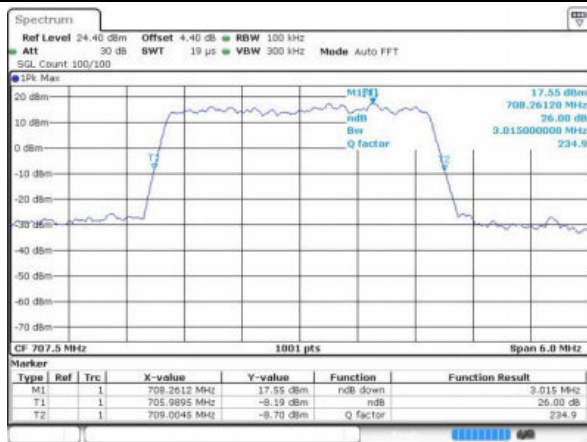
Lowest Channel / 3MHz / QPSK



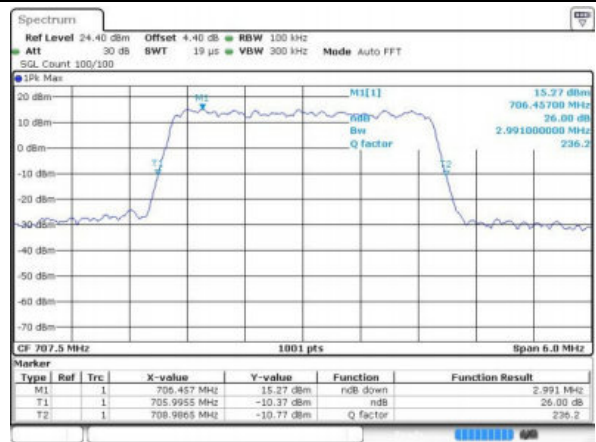
Lowest Channel / 3MHz / 16QAM



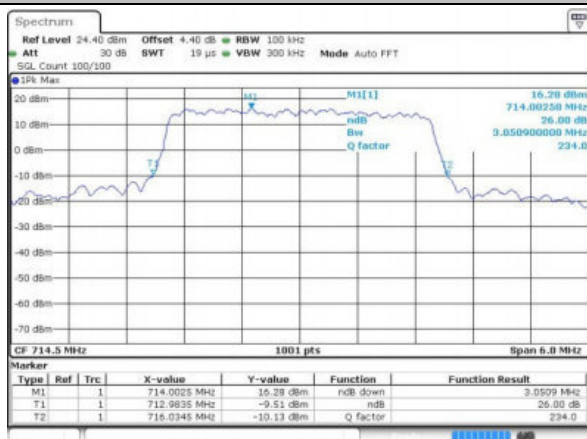
Middle Channel / 3MHz / QPSK



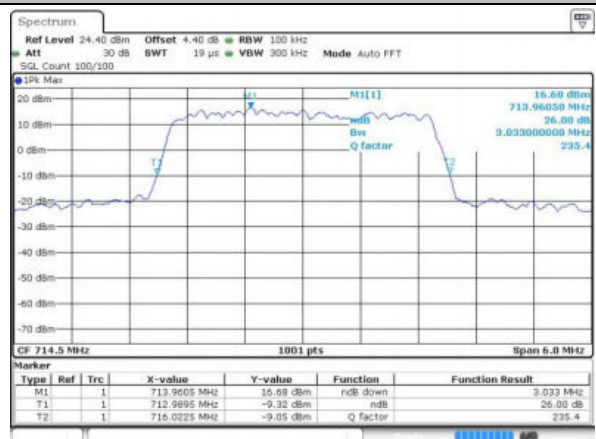
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



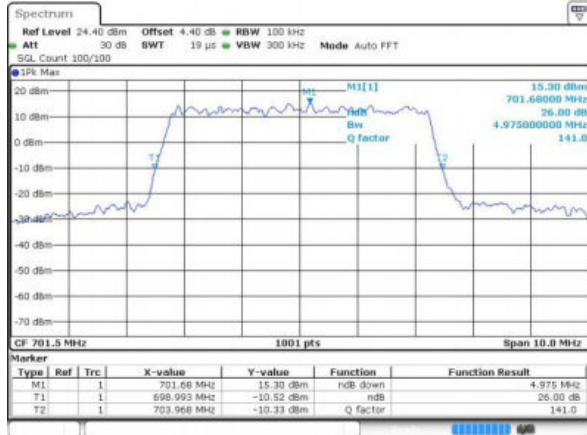
Highest Channel / 3MHz / 16QAM



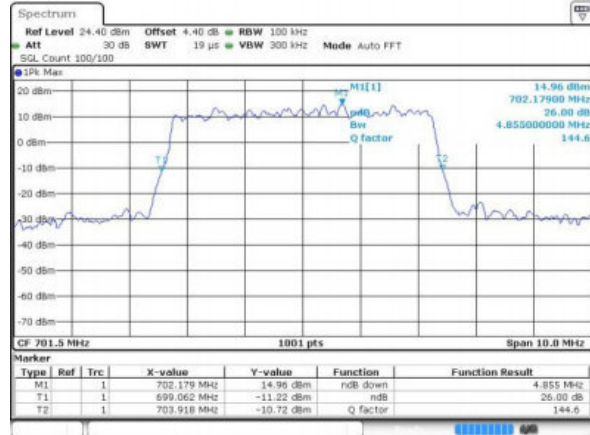


LTE Band 12

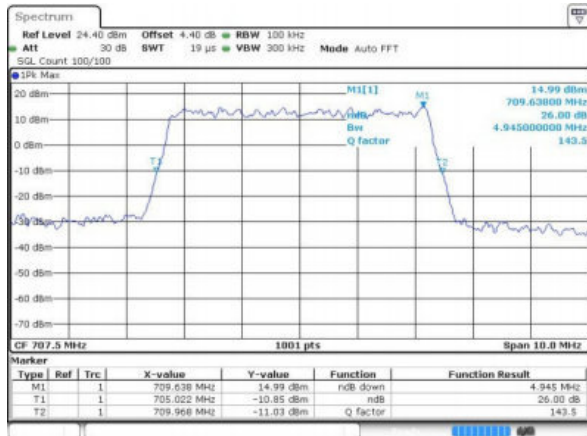
Lowest Channel / 5MHz / QPSK



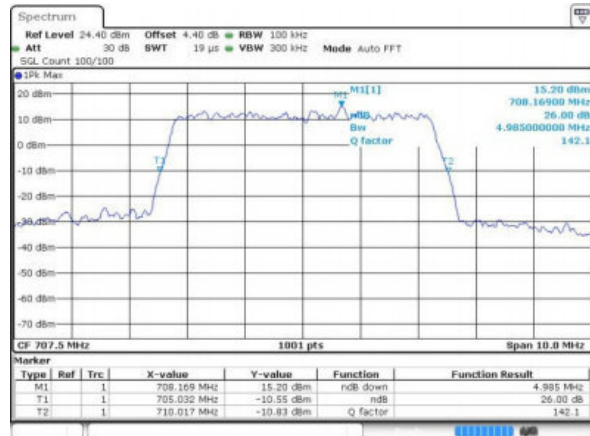
Lowest Channel / 5MHz / 16QAM



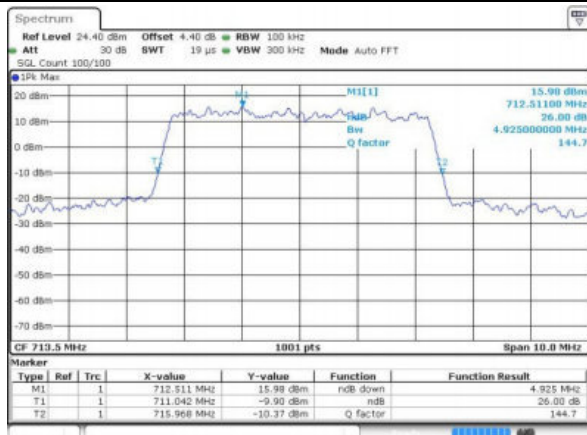
Middle Channel / 5MHz / QPSK



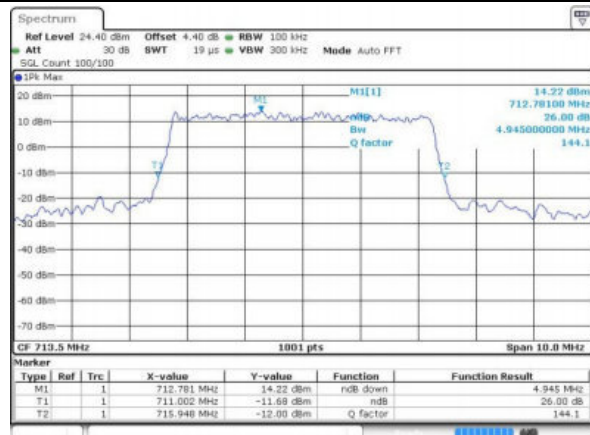
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



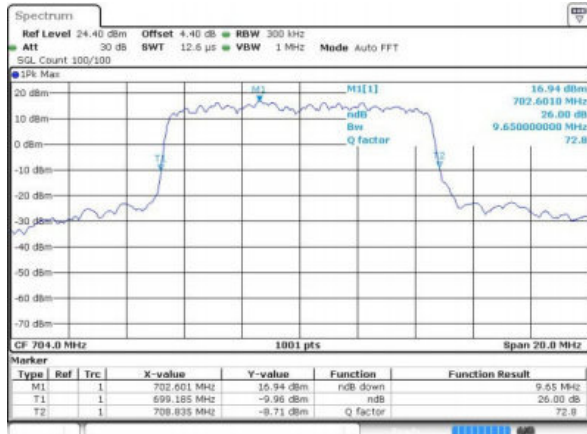
Highest Channel / 5MHz / 16QAM





LTE Band 12

Lowest Channel / 10MHz / QPSK



Date: 27 SEP 2016 18:24:33

Lowest Channel / 10MHz / 16QAM



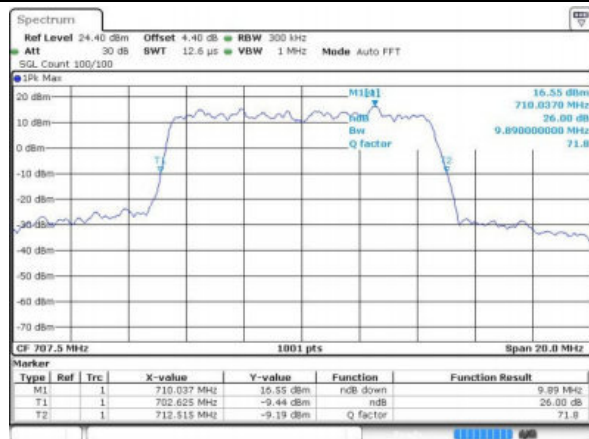
Date: 27 SEP 2016 18:24:22

Middle Channel / 10MHz / QPSK



Date: 27 SEP 2016 18:24:00

Middle Channel / 10MHz / 16QAM



Date: 27 SEP 2016 18:24:11

Highest Channel / 10MHz / QPSK



Date: 27 SEP 2016 18:23:48

Highest Channel / 10MHz / 16QAM



Date: 27 SEP 2016 18:23:37

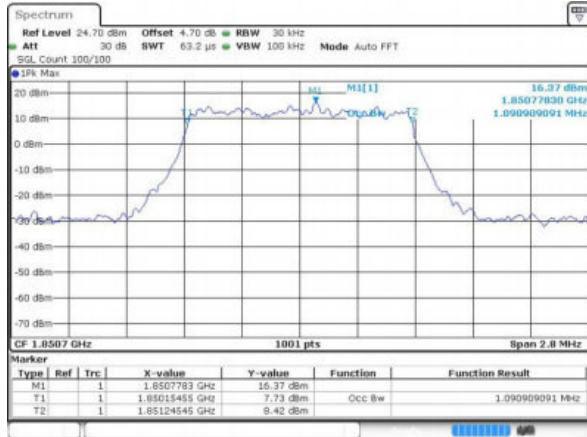
**Occupied Bandwidth**

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	2.73	2.74	4.52	4.50	8.95	8.99	13.46	13.4	18.34	18.18
Middle CH	1.10	1.09	2.73	2.71	4.49	4.50	8.95	9.03	13.37	13.43	18.18	18.34
Highest CH	1.08	1.09	2.73	2.73	4.49	4.48	8.99	8.91	13.37	13.37	18.14	18.42

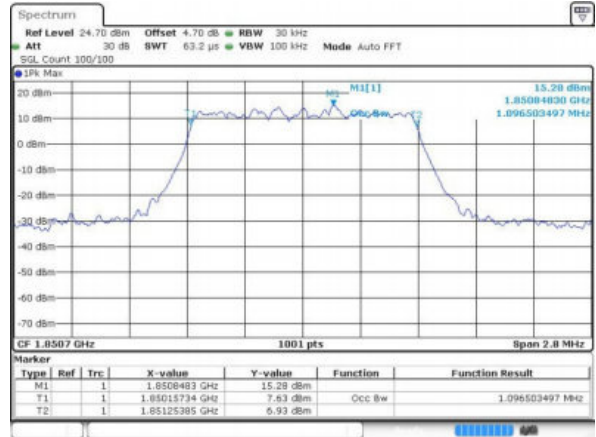
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.71	4.48	4.48	8.99	8.97	13.40	13.34	18.10	18.18
Middle CH	1.09	1.10	2.72	2.73	4.50	4.50	9.03	8.95	13.49	13.46	18.22	18.22
Highest CH	1.09	1.09	2.71	2.70	4.48	4.51	9.09	9.05	13.40	13.34	18.38	18.10

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	1.10	1.09	2.70	2.72	4.48	4.48	8.99	9.03	-	-	-	-
Middle CH	1.09	1.09	2.71	2.69	4.49	4.49	9.05	9.01	-	-	-	-
Highest CH	1.09	1.10	2.73	2.72	4.50	4.51	8.93	8.97	-	-	-	-

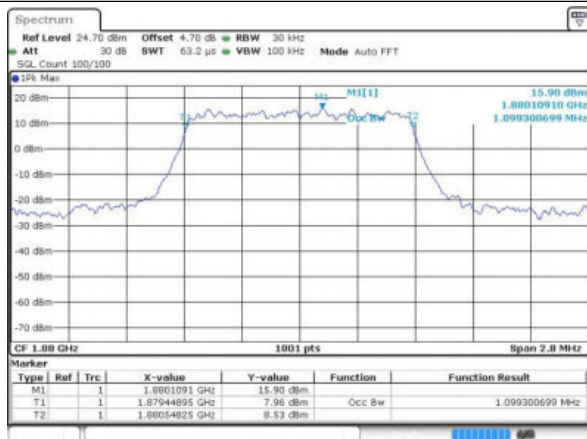
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.71	2.73	4.49	4.48	8.97	9.03	-	-	-	-
Middle CH	1.09	1.10	2.72	2.72	4.51	4.50	9.01	8.95	-	-	-	-
Highest CH	1.09	1.11	2.71	2.71	4.50	4.49	9.03	9.01	-	-	-	-

**LTE Band 2****Lowest Channel / 1.4MHz / QPSK**

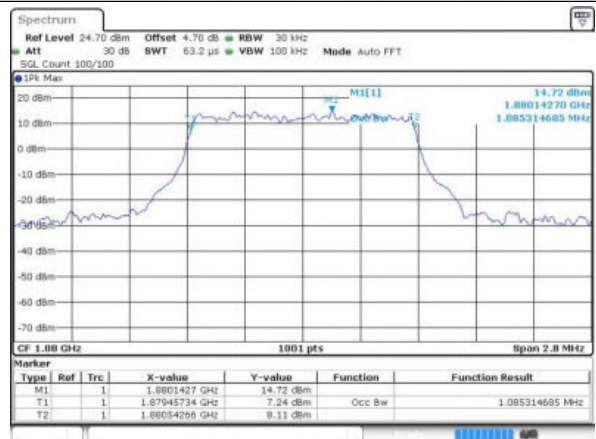
Date: 27 SEP 2016 09:58:53

Lowest Channel / 1.4MHz / 16QAM

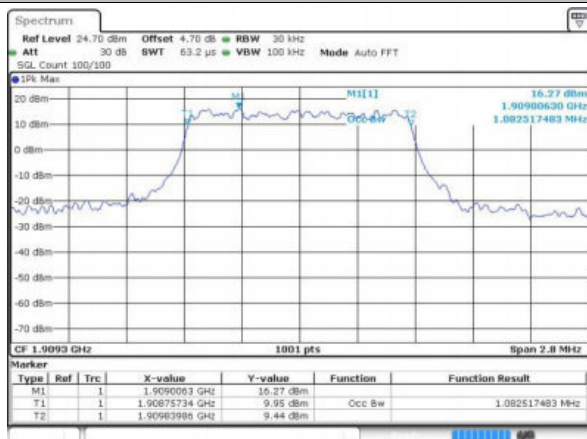
Date: 27 SEP 2016 09:57:04

Middle Channel / 1.4MHz / QPSK

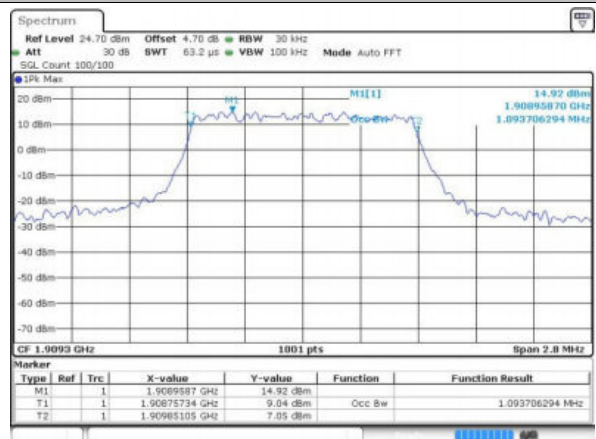
Date: 27 SEP 2016 10:04:06

Middle Channel / 1.4MHz / 16QAM

Date: 27 SEP 2016 10:04:17

Highest Channel / 1.4MHz / QPSK

Date: 27 SEP 2016 10:06:44

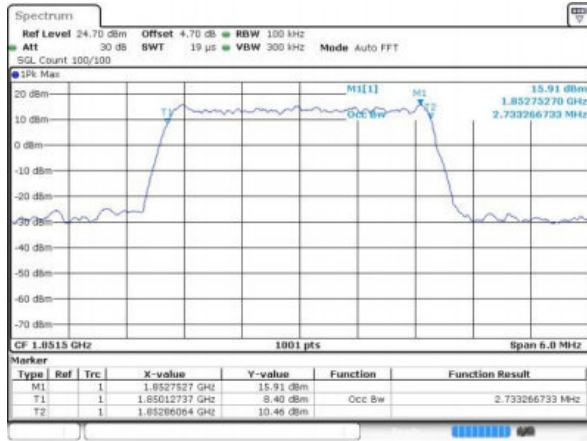
Highest Channel / 1.4MHz / 16QAM

Date: 27 SEP 2016 10:06:55



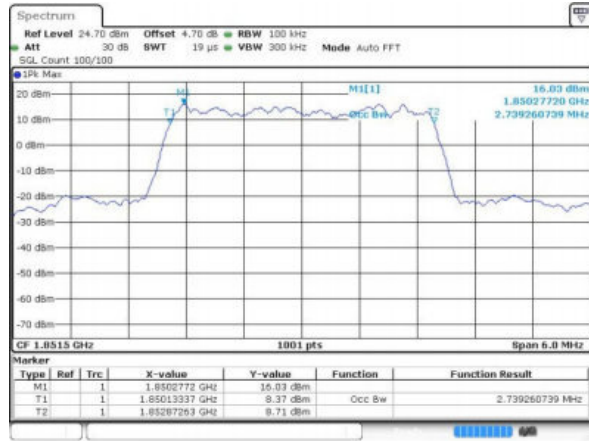
LTE Band 2

Lowest Channel / 3MHz / QPSK



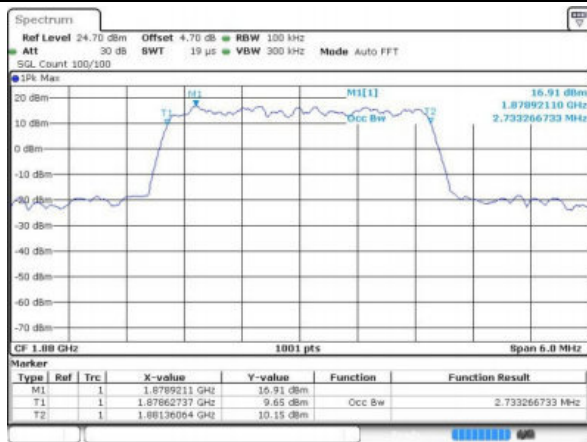
Date: 27 SEP 2016 10:13:56

Lowest Channel / 3MHz / 16QAM



Date: 27 SEP 2016 10:14:07

Middle Channel / 3MHz / QPSK



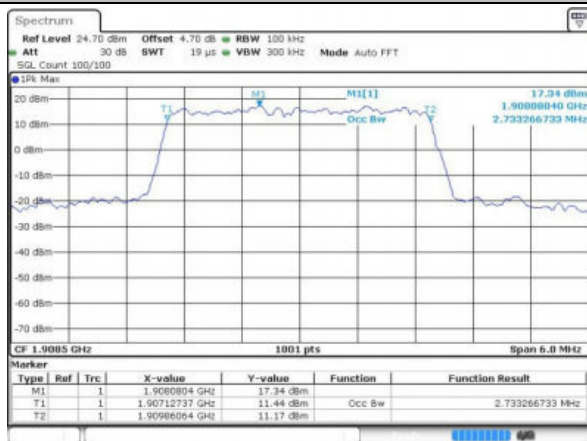
Date: 27 SEP 2016 10:21:08

Middle Channel / 3MHz / 16QAM



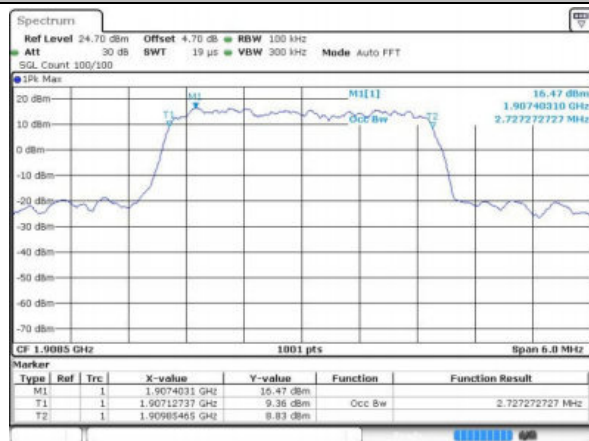
Date: 27 SEP 2016 10:21:19

Highest Channel / 3MHz / QPSK



Date: 27 SEP 2016 10:23:46

Highest Channel / 3MHz / 16QAM

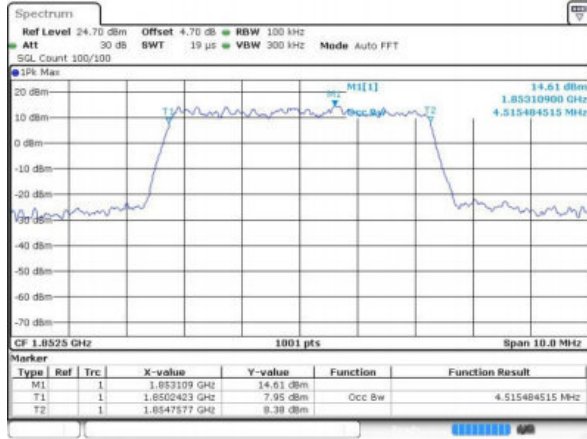


Date: 27 SEP 2016 10:23:57



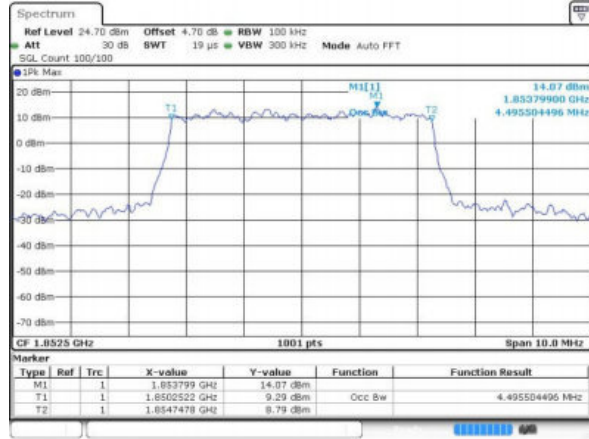
LTE Band 2

Lowest Channel / 5MHz / QPSK



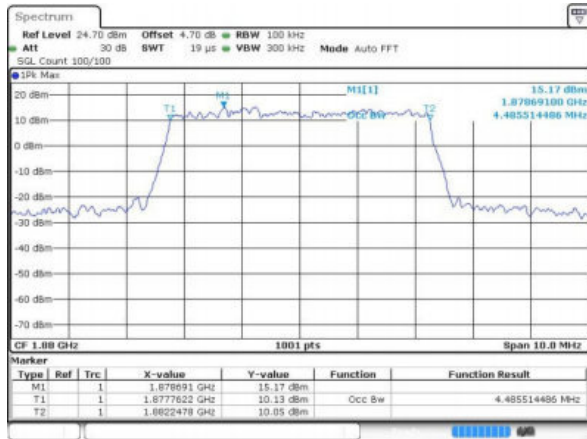
Date: 27 SEP 2016 10:30:58

Lowest Channel / 5MHz / 16QAM



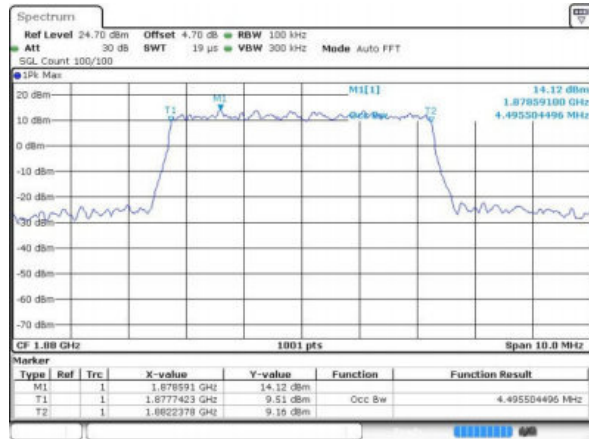
Date: 27 SEP 2016 10:31:09

Middle Channel / 5MHz / QPSK



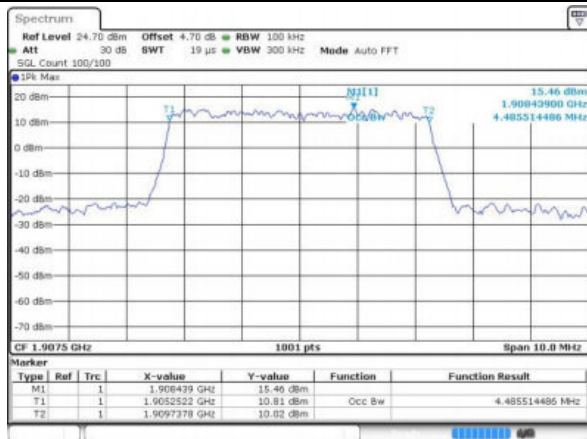
Date: 27 SEP 2016 10:38:10

Middle Channel / 5MHz / 16QAM



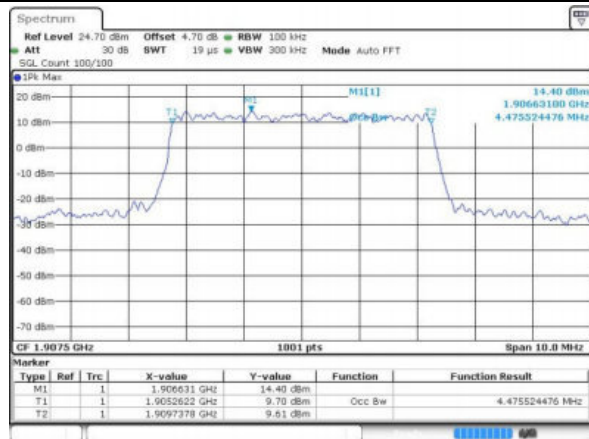
Date: 27 SEP 2016 10:38:21

Highest Channel / 5MHz / QPSK



Date: 27 SEP 2016 10:40:48

Highest Channel / 5MHz / 16QAM

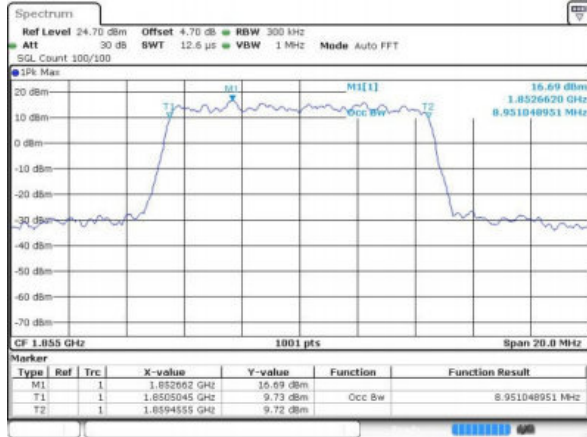


Date: 27 SEP 2016 10:40:59



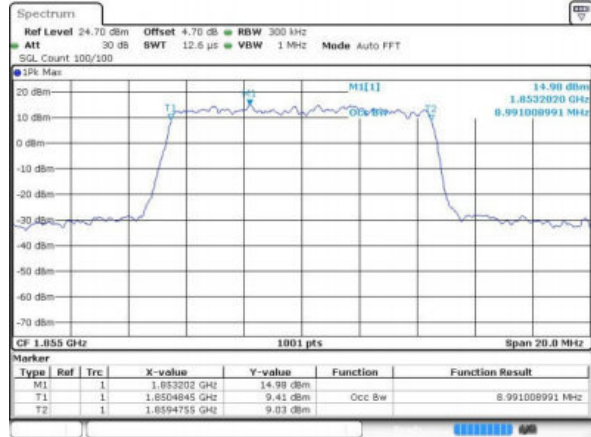
LTE Band 2

Lowest Channel / 10MHz / QPSK



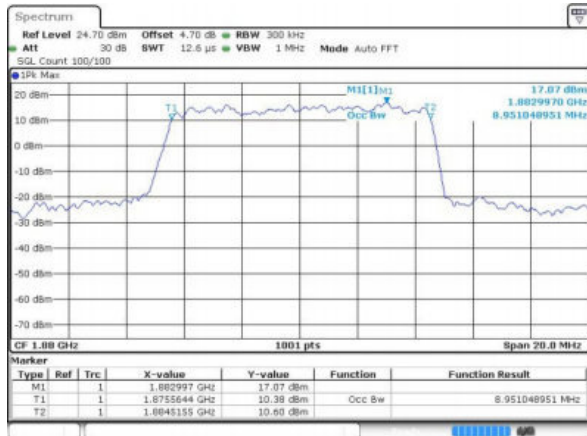
Date: 27 SEP 2016 10:48:01

Lowest Channel / 10MHz / 16QAM



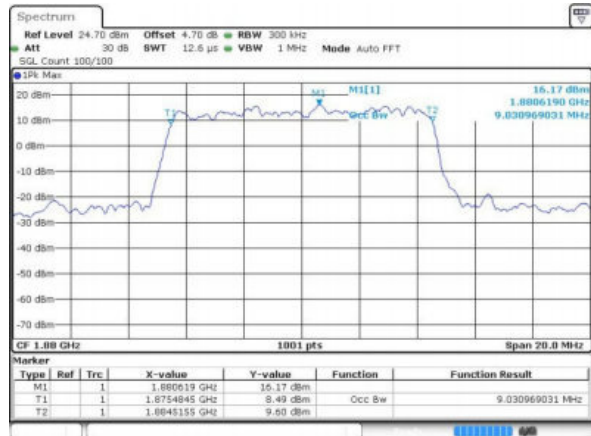
Date: 27 SEP 2016 10:48:12

Middle Channel / 10MHz / QPSK



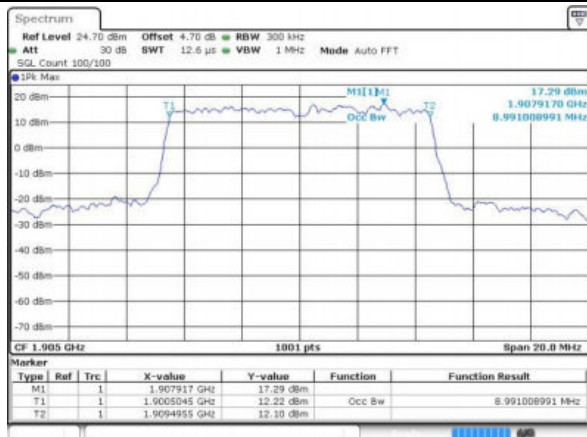
Date: 27 SEP 2016 10:55:14

Middle Channel / 10MHz / 16QAM



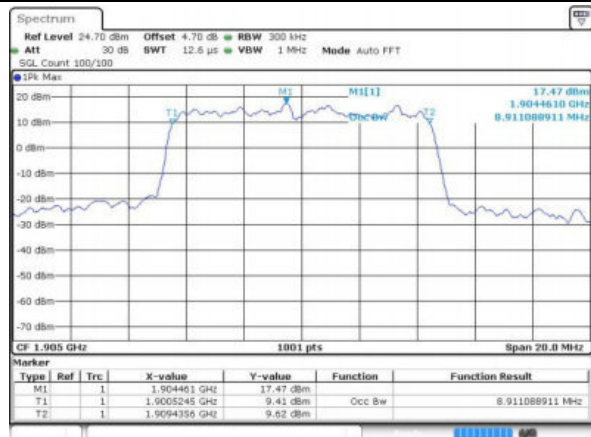
Date: 27 SEP 2016 10:55:25

Highest Channel / 10MHz / QPSK



Date: 27 SEP 2016 10:57:52

Highest Channel / 10MHz / 16QAM

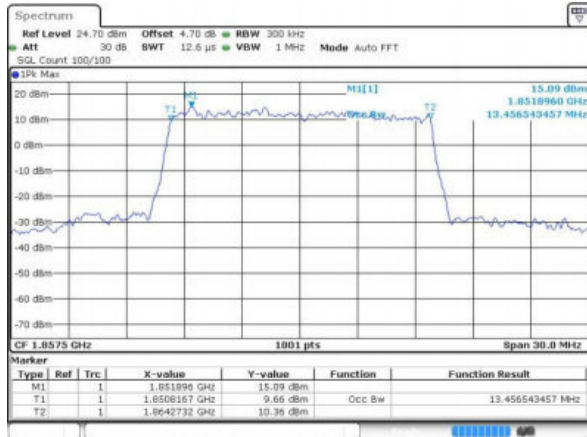


Date: 27 SEP 2016 10:58:03



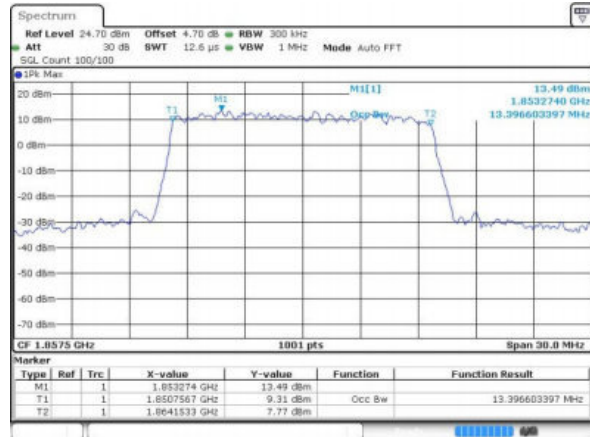
LTE Band 2

Lowest Channel / 15MHz / QPSK



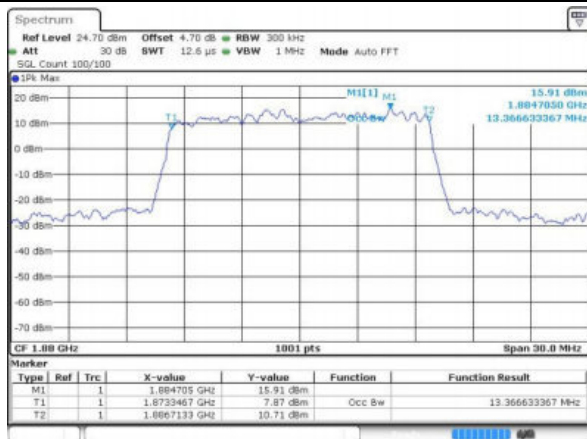
Date: 27 SEP 2016 11:05:05

Lowest Channel / 15MHz / 16QAM



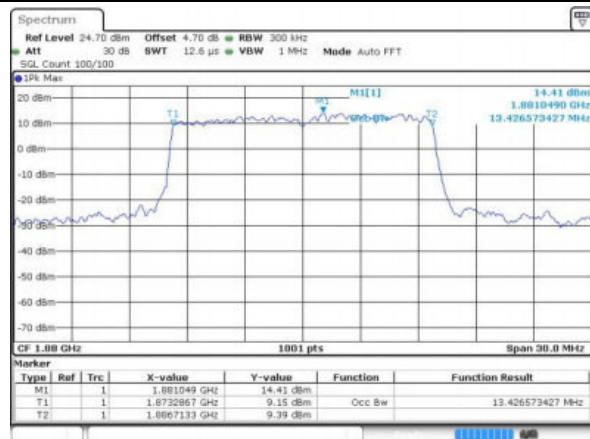
Date: 27 SEP 2016 11:05:16

Middle Channel / 15MHz / QPSK



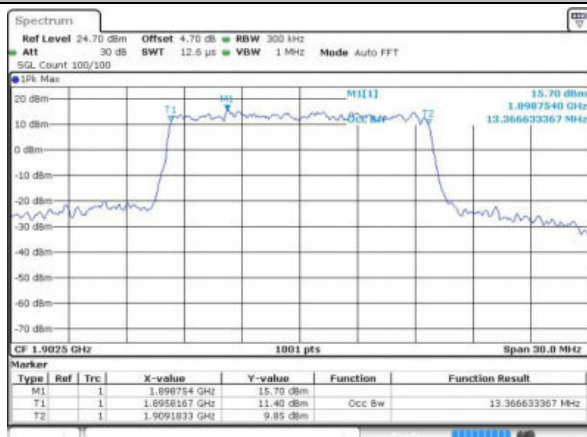
Date: 27 SEP 2016 11:12:18

Middle Channel / 15MHz / 16QAM



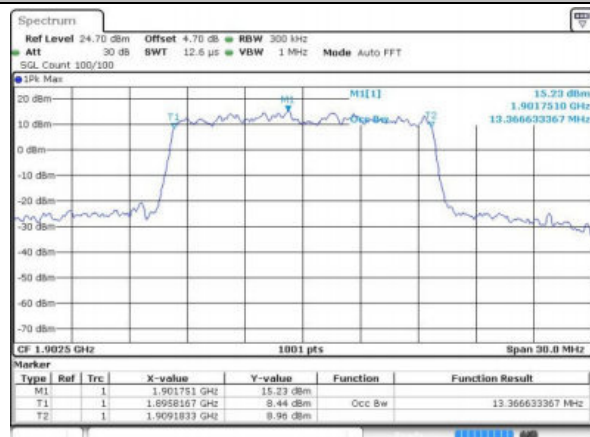
Date: 27 SEP 2016 11:12:29

Highest Channel / 15MHz / QPSK



Date: 27 SEP 2016 11:14:56

Highest Channel / 15MHz / 16QAM

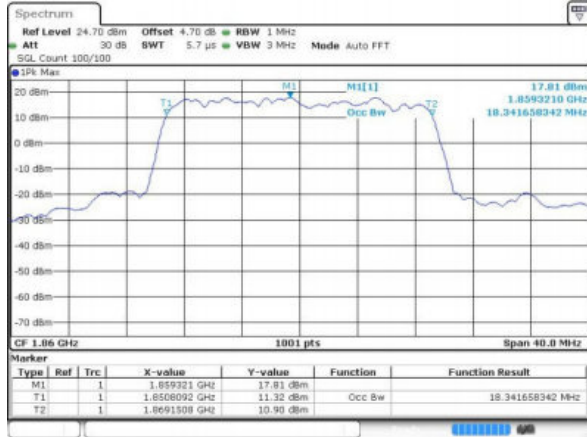


Date: 27 SEP 2016 11:15:07



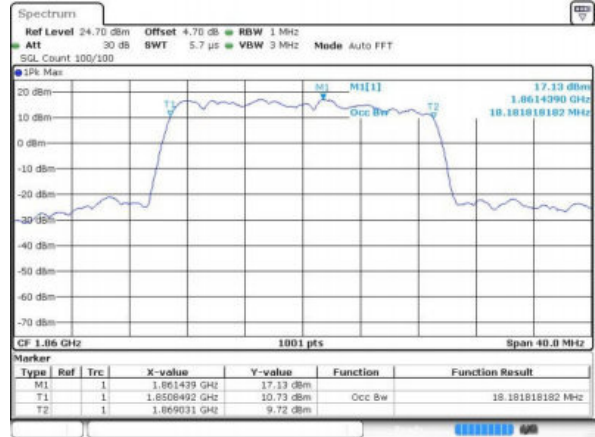
LTE Band 2

Lowest Channel / 20MHz / QPSK



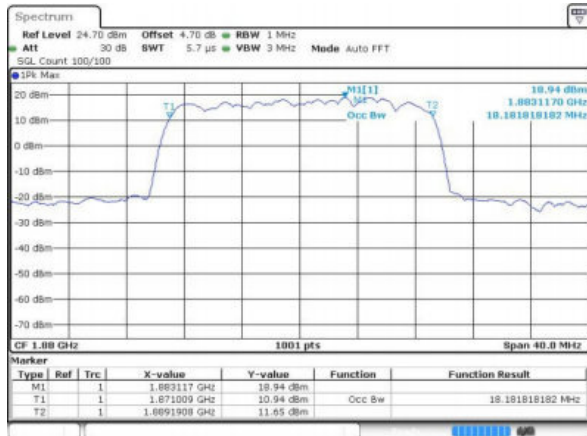
Date: 27 SEP 2016 11:22:09

Lowest Channel / 20MHz / 16QAM



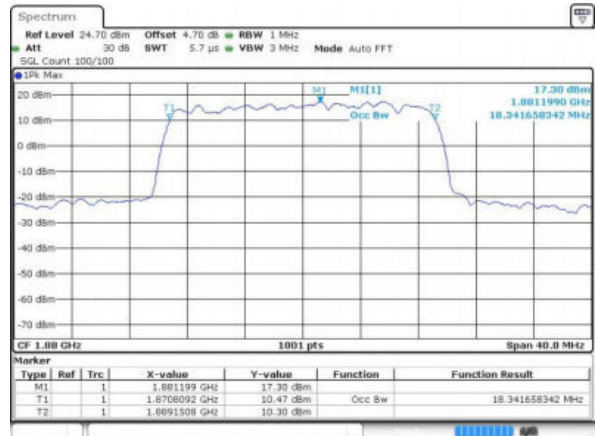
Date: 27 SEP 2016 11:22:21

Middle Channel / 20MHz / QPSK



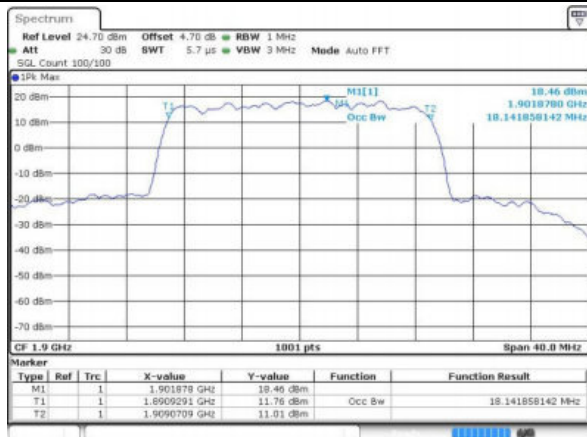
Date: 27 SEP 2016 11:29:22

Middle Channel / 20MHz / 16QAM



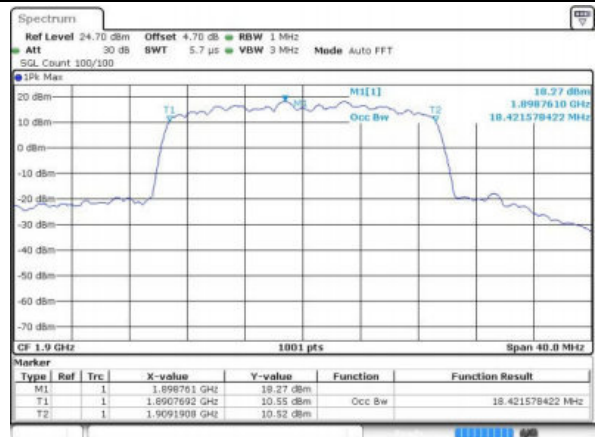
Date: 27 SEP 2016 11:29:33

Highest Channel / 20MHz / QPSK



Date: 27 SEP 2016 11:32:00

Highest Channel / 20MHz / 16QAM

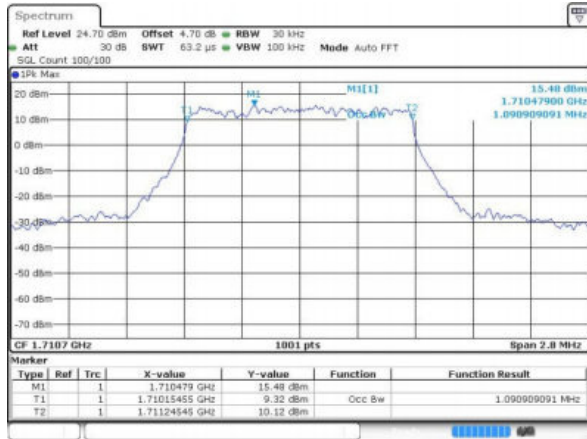


Date: 27 SEP 2016 11:32:11

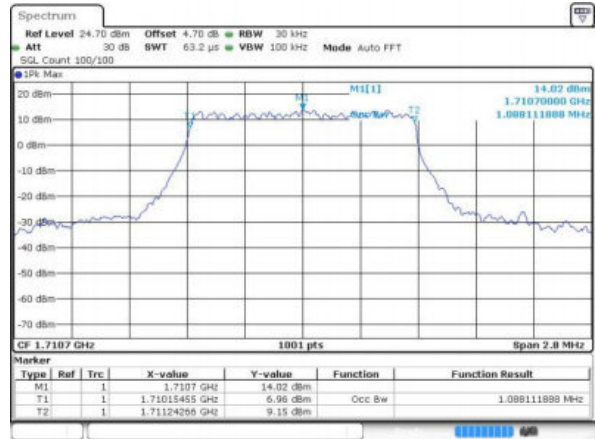


LTE Band 4

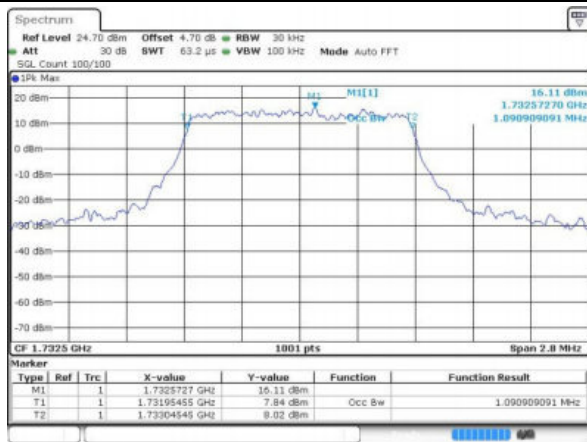
Lowest Channel / 1.4MHz / QPSK



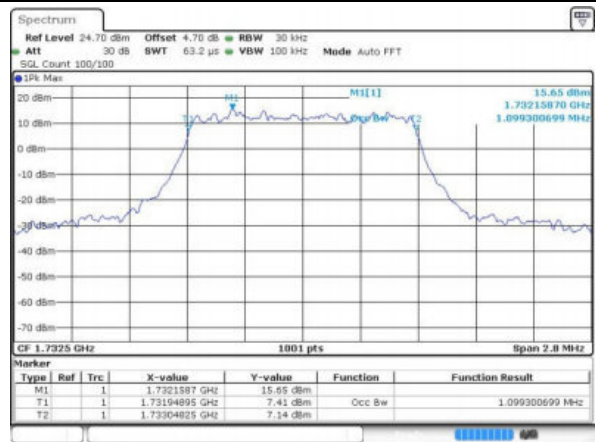
Lowest Channel / 1.4MHz / 16QAM



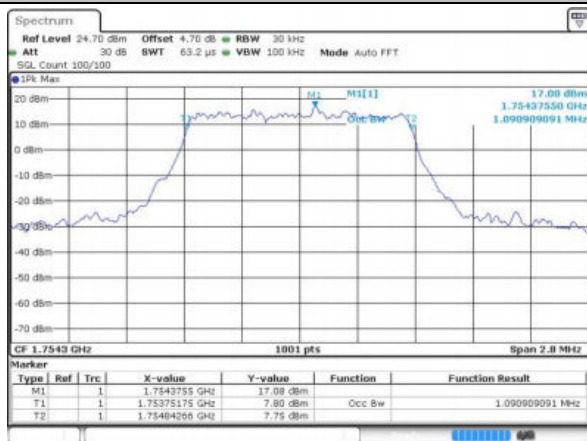
Middle Channel / 1.4MHz / QPSK



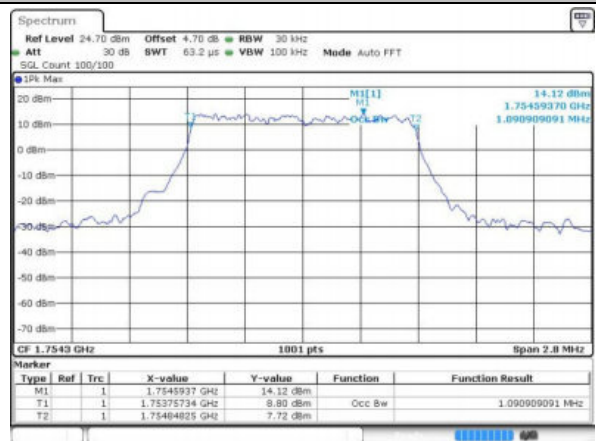
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



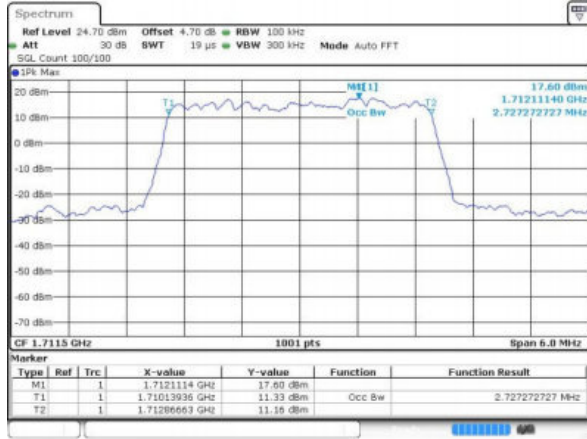
Highest Channel / 1.4MHz / 16QAM





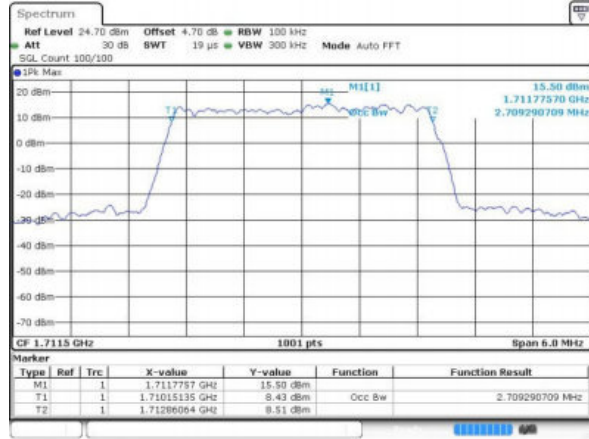
LTE Band 4

Lowest Channel / 3MHz / QPSK



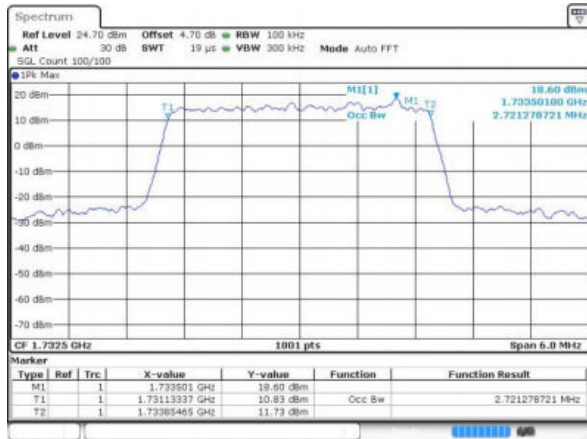
Date: 27 SEP 2016 14:07:34

Lowest Channel / 3MHz / 16QAM



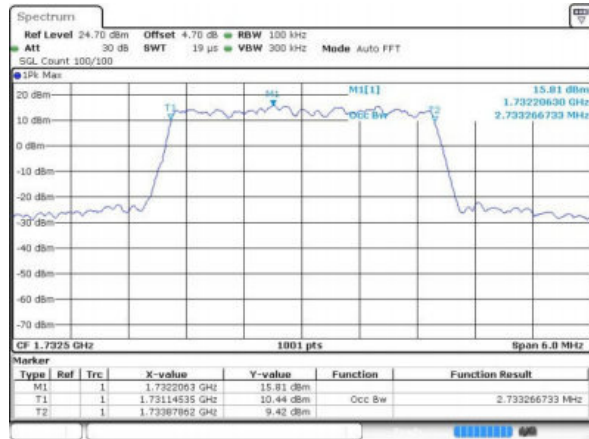
Date: 27 SEP 2016 14:07:45

Middle Channel / 3MHz / QPSK



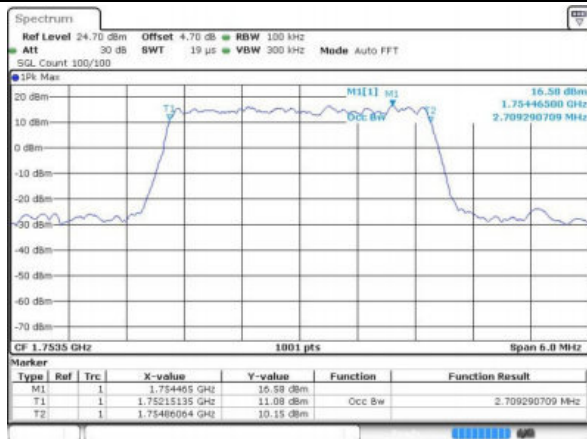
Date: 27 SEP 2016 14:14:46

Middle Channel / 3MHz / 16QAM



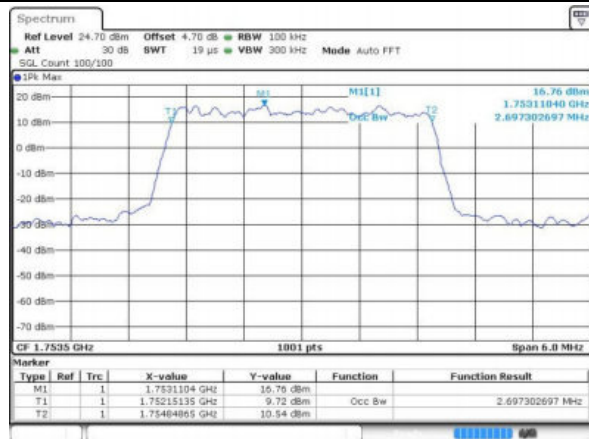
Date: 27 SEP 2016 14:14:57

Highest Channel / 3MHz / QPSK



Date: 27 SEP 2016 14:17:24

Highest Channel / 3MHz / 16QAM

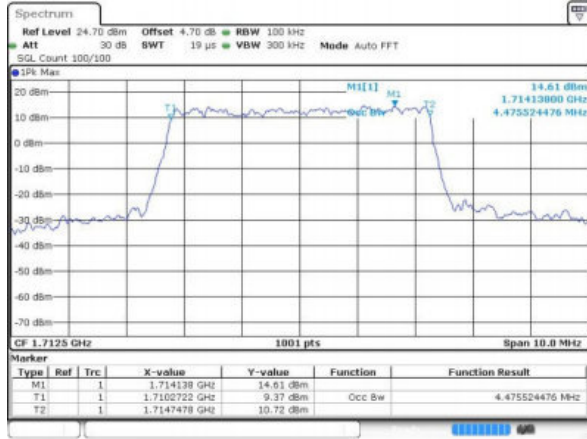


Date: 27 SEP 2016 14:17:35



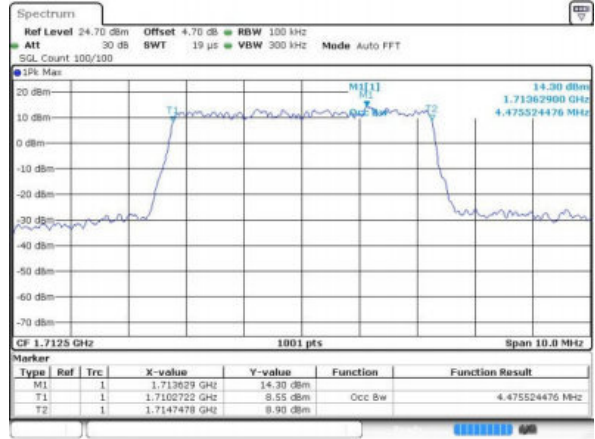
LTE Band 4

Lowest Channel / 5MHz / QPSK



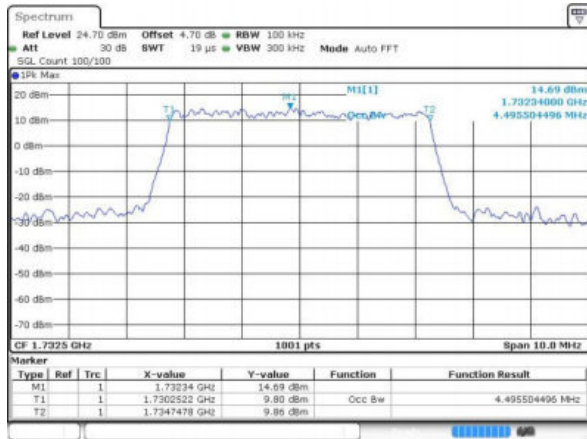
Date: 27 SEP 2016 14:24:37

Lowest Channel / 5MHz / 16QAM



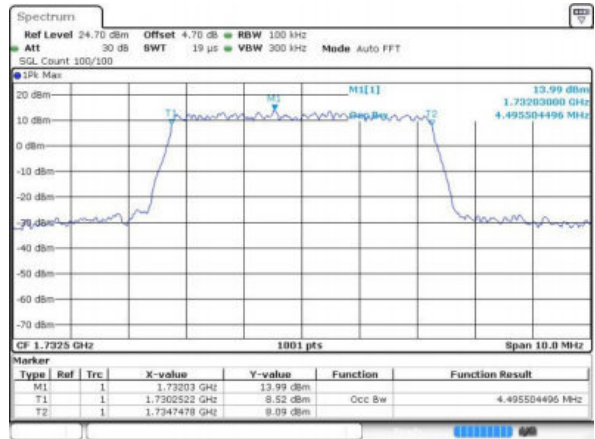
Date: 27 SEP 2016 14:24:48

Middle Channel / 5MHz / QPSK



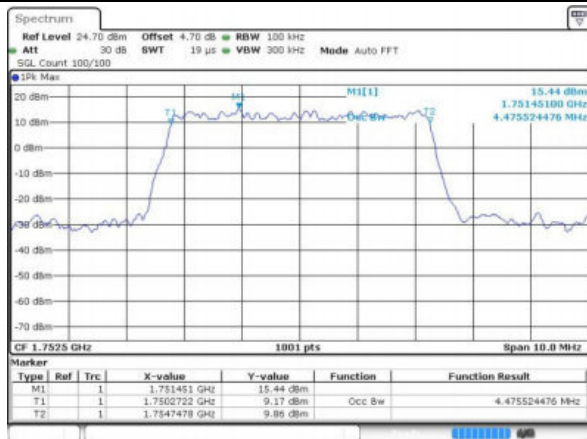
Date: 27 SEP 2016 14:31:50

Middle Channel / 5MHz / 16QAM



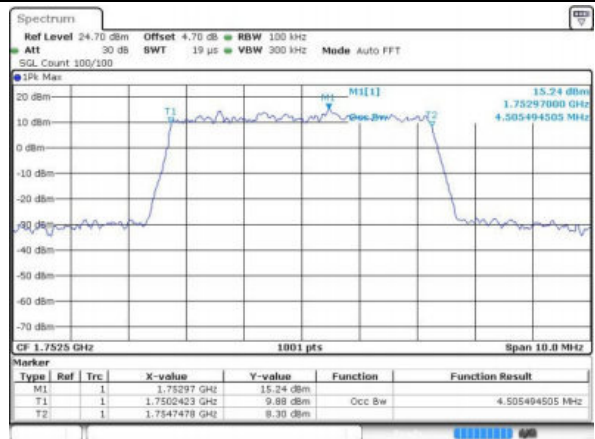
Date: 27 SEP 2016 14:32:01

Highest Channel / 5MHz / QPSK

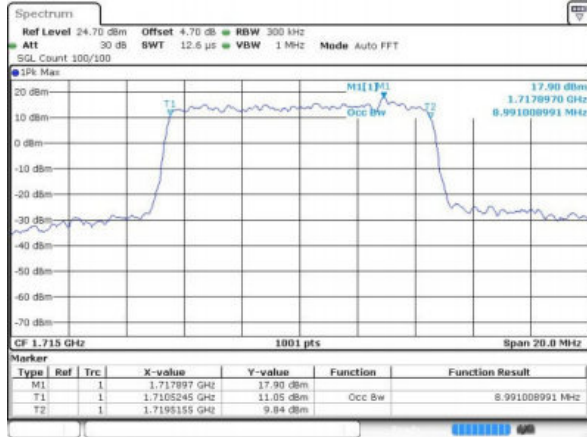
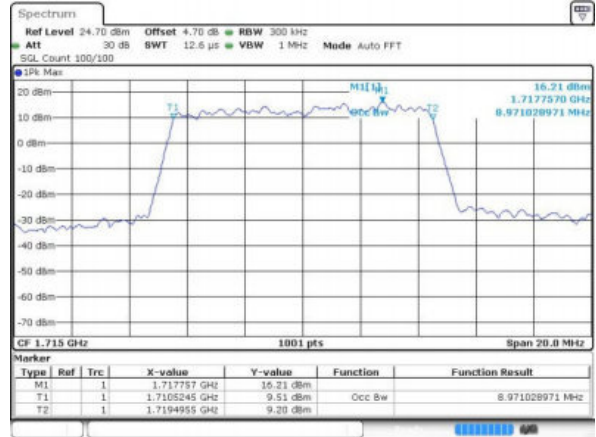
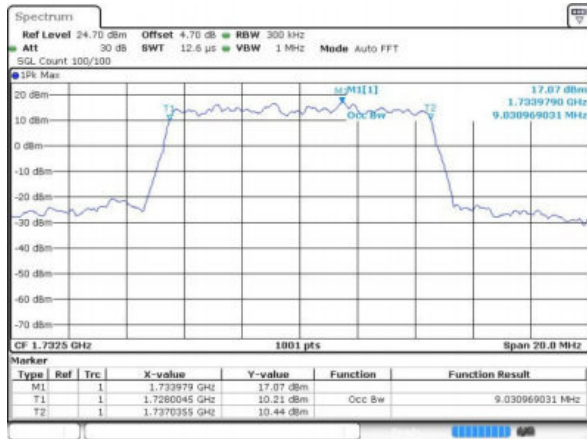
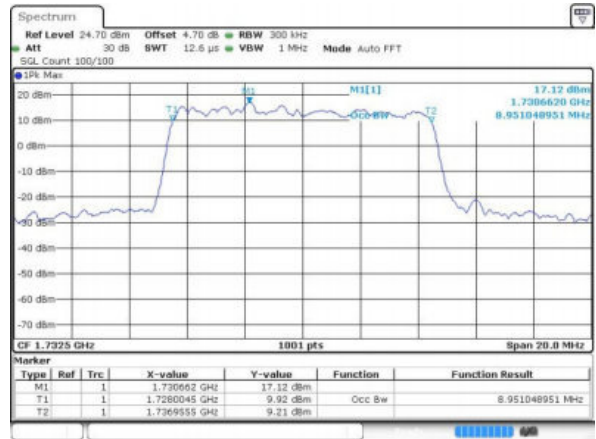
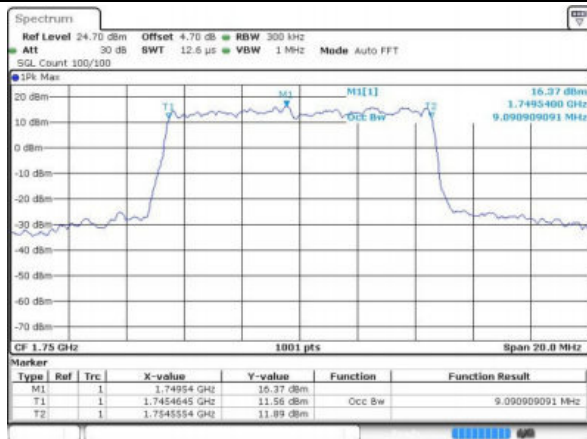
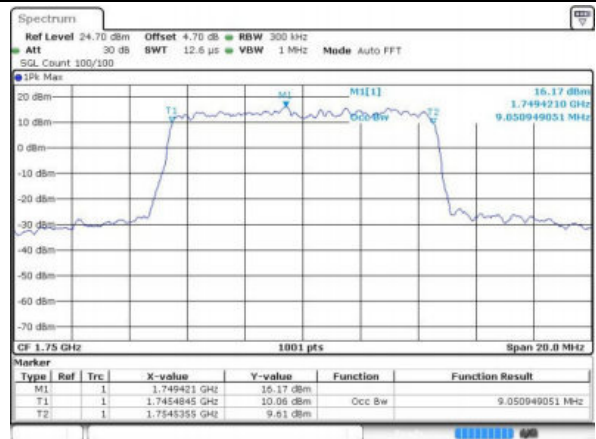


Date: 27 SEP 2016 14:34:28

Highest Channel / 5MHz / 16QAM



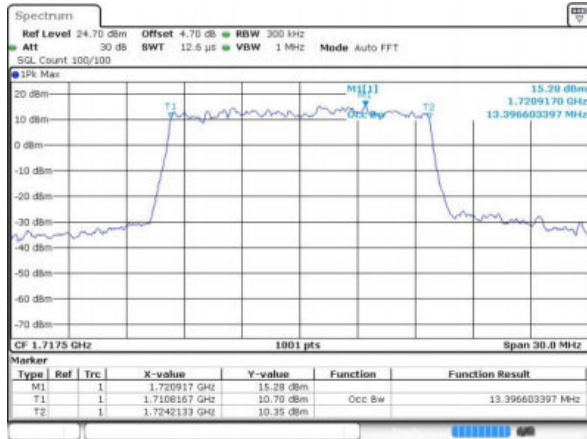
Date: 27 SEP 2016 14:34:39

**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**

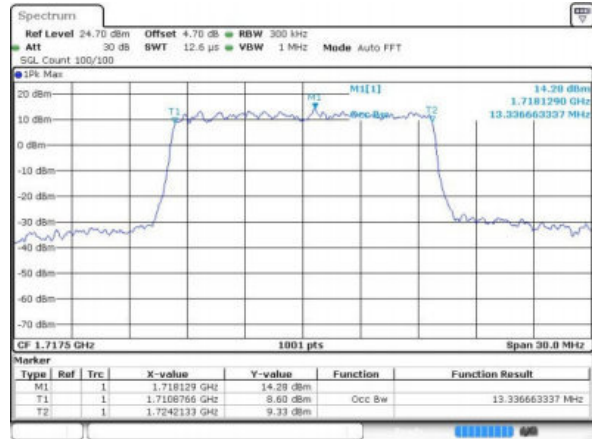


LTE Band 4

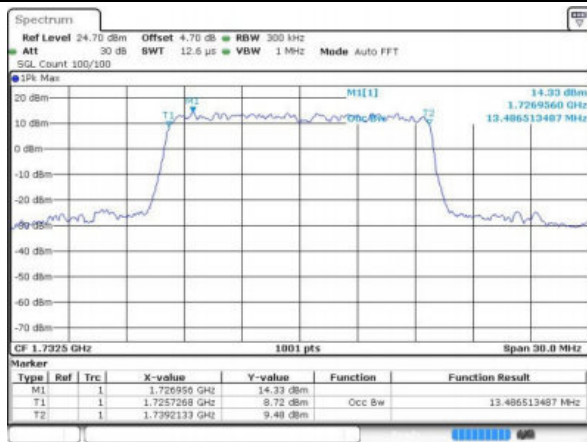
Lowest Channel / 15MHz / QPSK



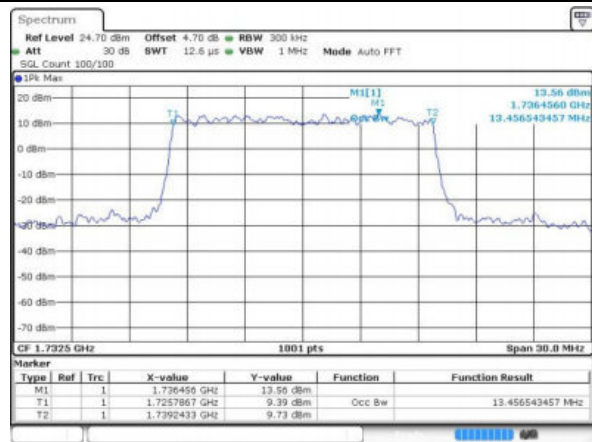
Lowest Channel / 15MHz / 16QAM



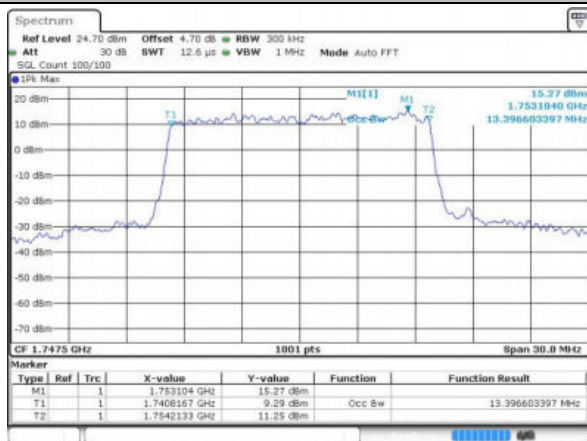
Middle Channel / 15MHz / QPSK



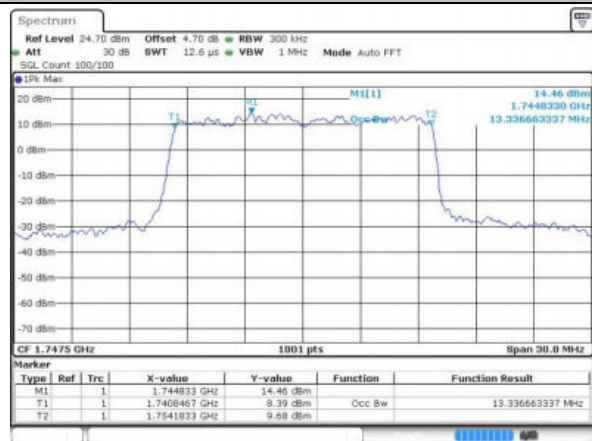
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



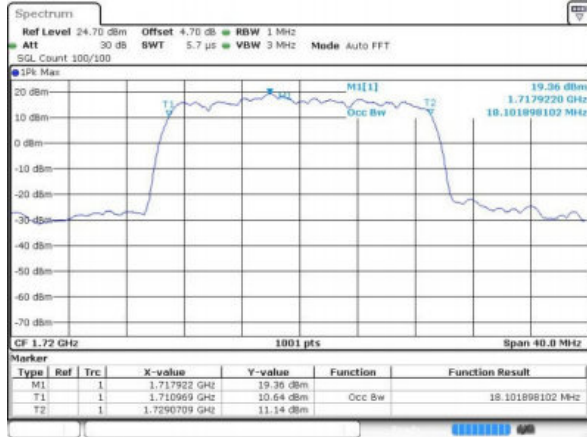
Highest Channel / 15MHz / 16QAM





LTE Band 4

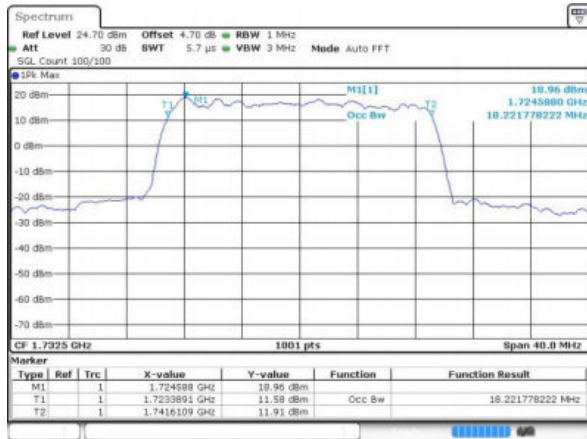
Lowest Channel / 20MHz / QPSK



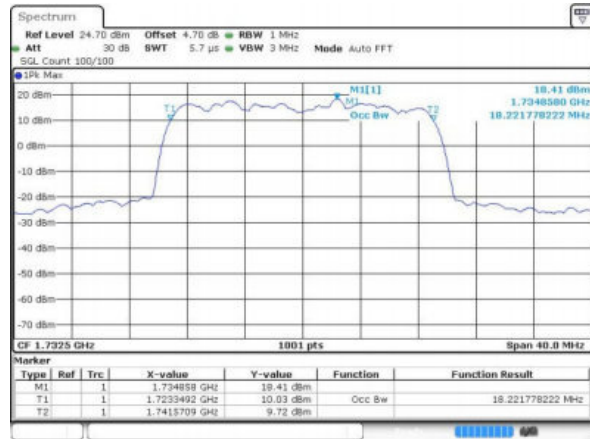
Lowest Channel / 20MHz / 16QAM



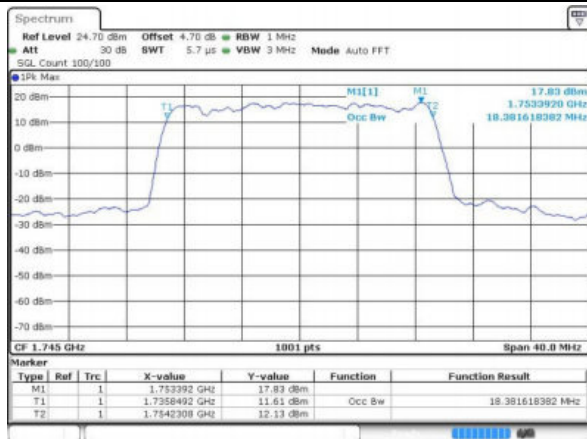
Middle Channel / 20MHz / QPSK



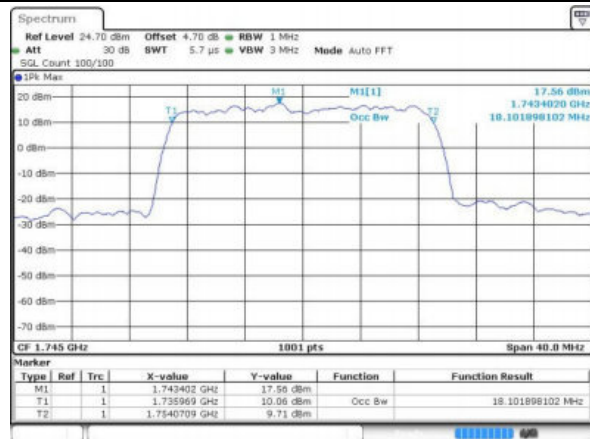
Middle Channel / 20MHz / 16QAM

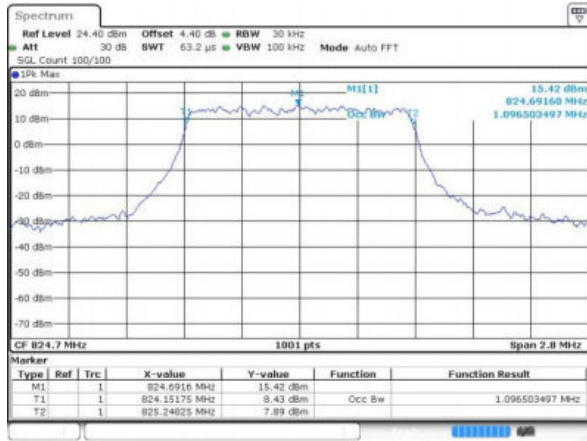
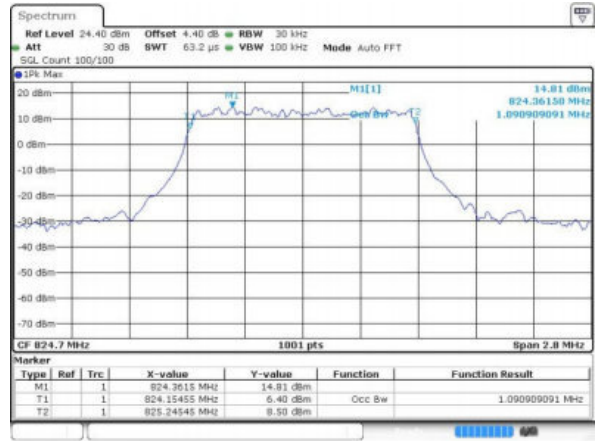
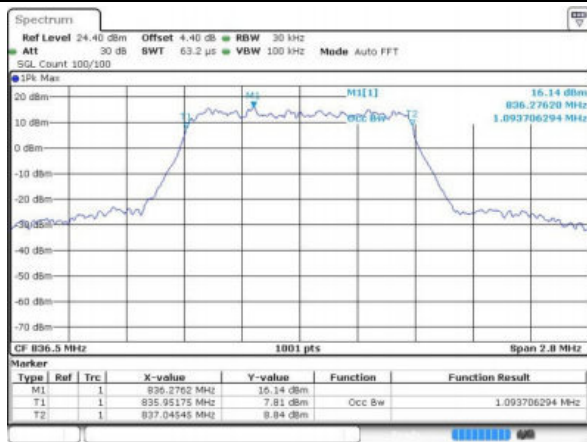
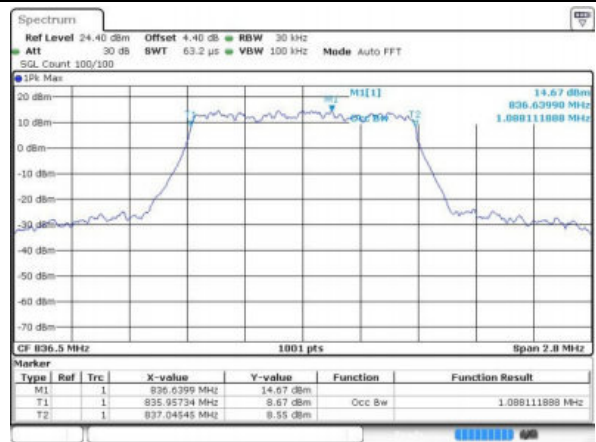
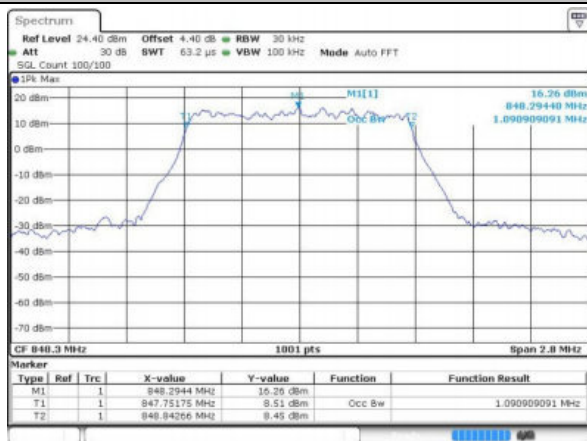
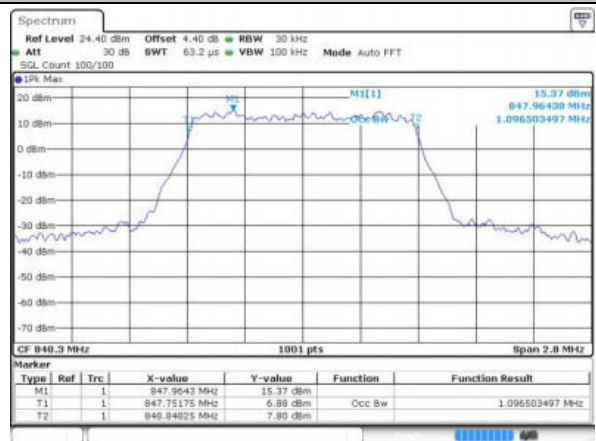


Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

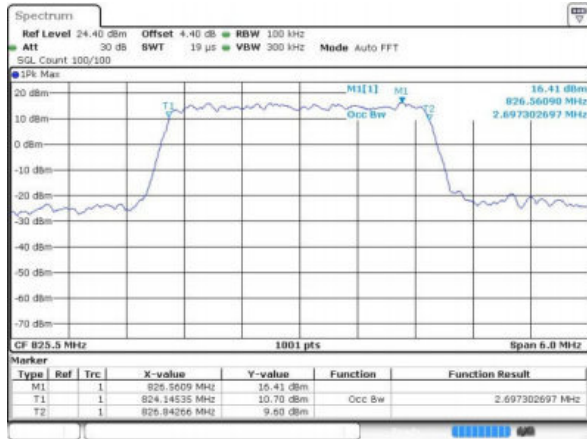


**LTE Band 5****Lowest Channel / 1.4MHz / QPSK****Lowest Channel / 1.4MHz / 16QAM****Middle Channel / 1.4MHz / QPSK****Middle Channel / 1.4MHz / 16QAM****Highest Channel / 1.4MHz / QPSK****Highest Channel / 1.4MHz / 16QAM**

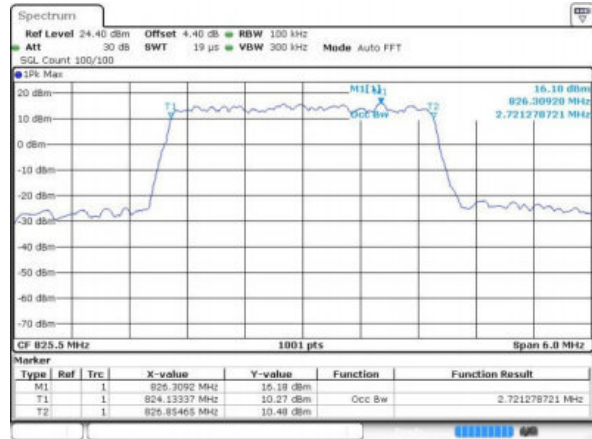


LTE Band 5

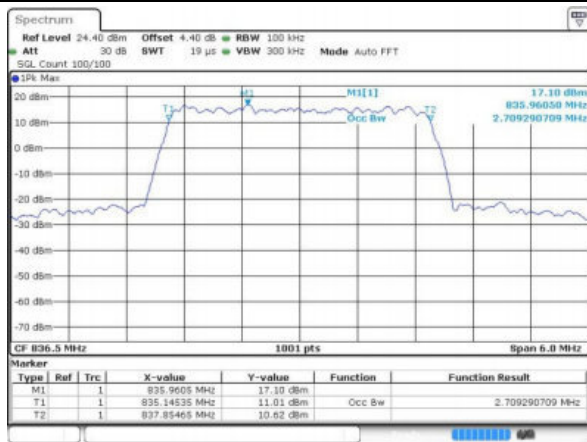
Lowest Channel / 3MHz / QPSK



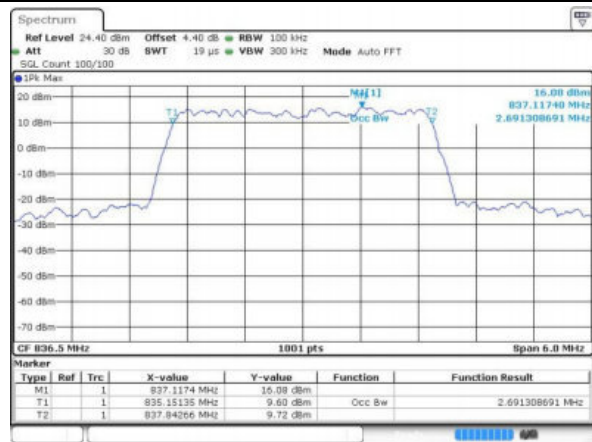
Lowest Channel / 3MHz / 16QAM



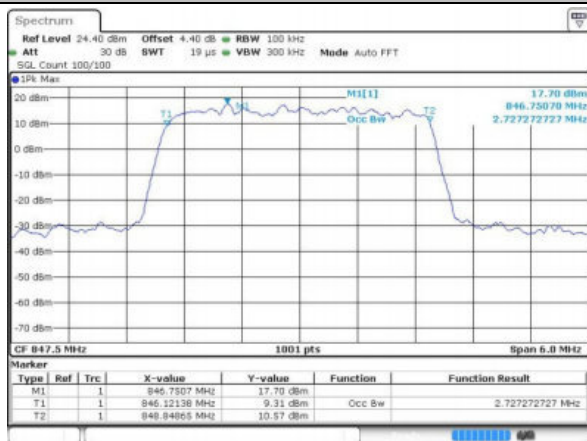
Middle Channel / 3MHz / QPSK



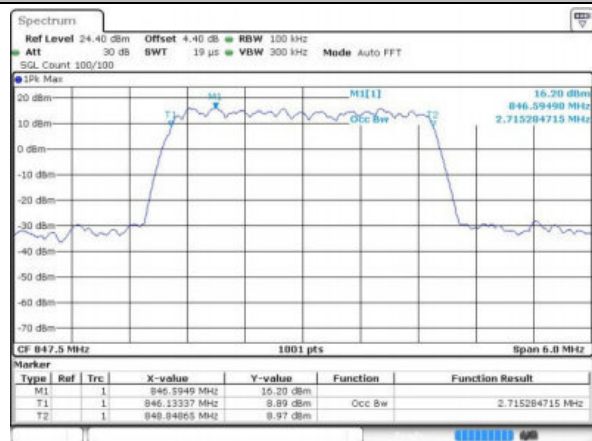
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



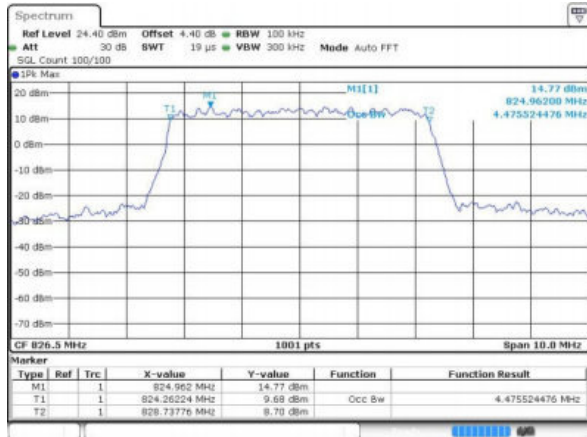
Highest Channel / 3MHz / 16QAM



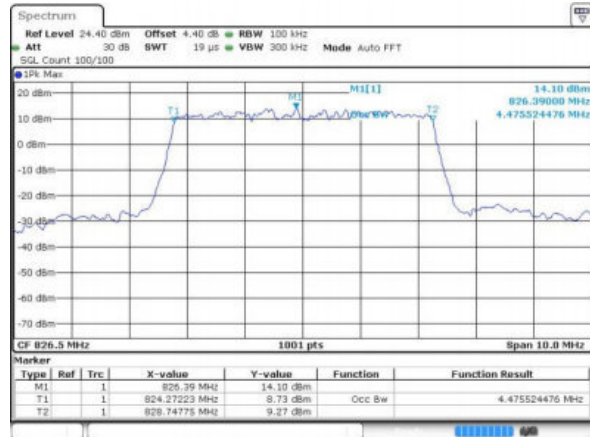


LTE Band 5

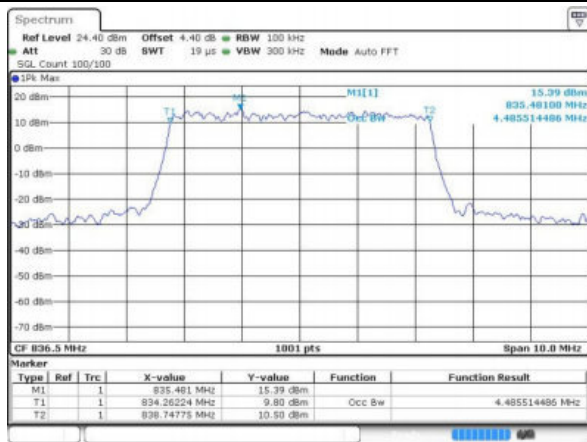
Lowest Channel / 5MHz / QPSK



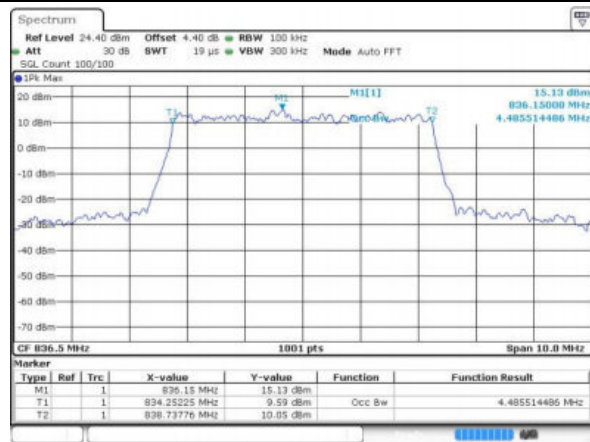
Lowest Channel / 5MHz / 16QAM



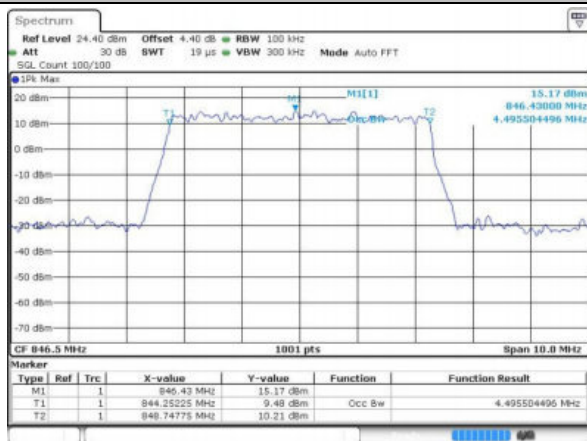
Middle Channel / 5MHz / QPSK



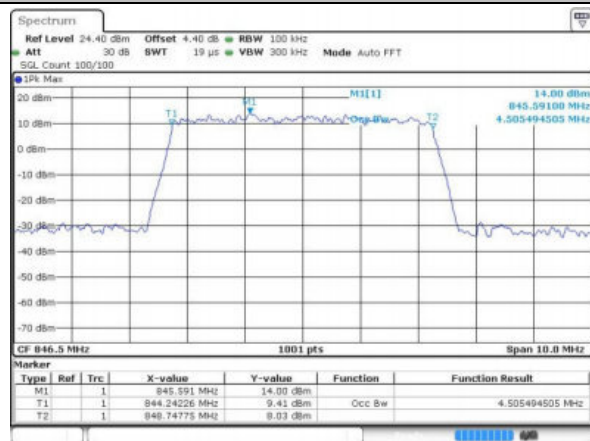
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



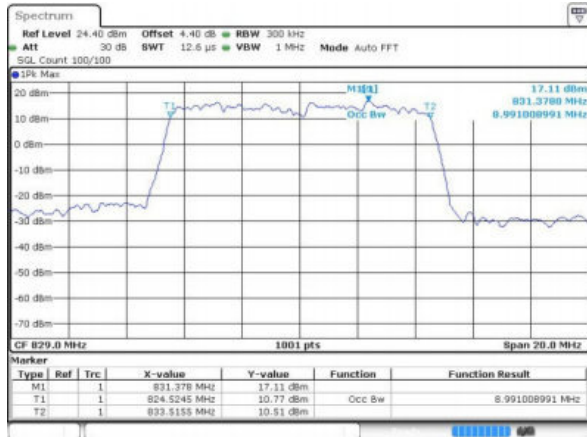
Highest Channel / 5MHz / 16QAM



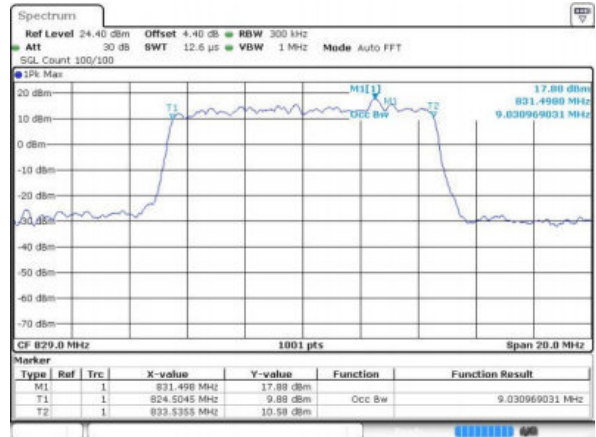


LTE Band 5

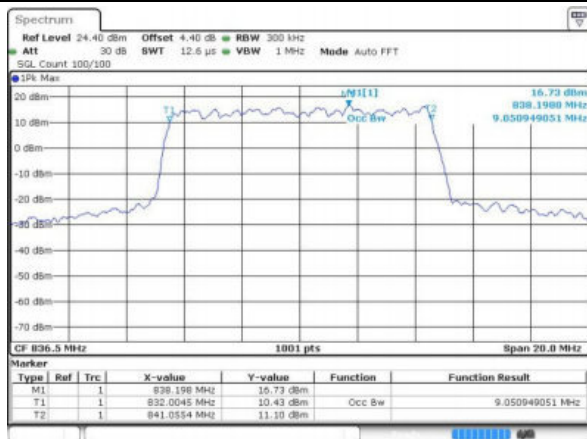
Lowest Channel / 10MHz / QPSK



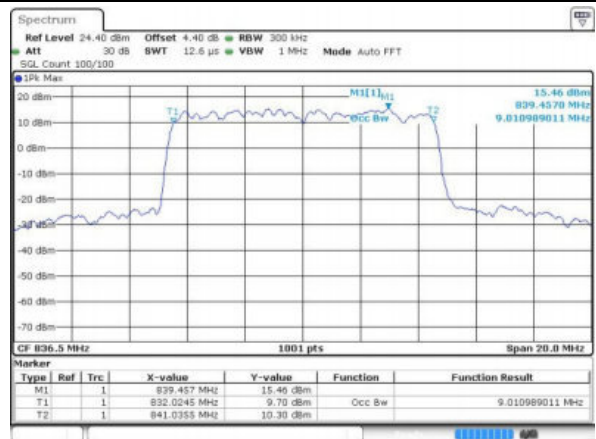
Lowest Channel / 10MHz / 16QAM



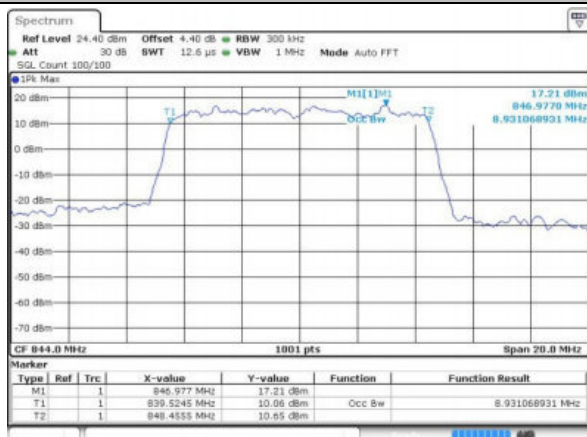
Middle Channel / 10MHz / QPSK



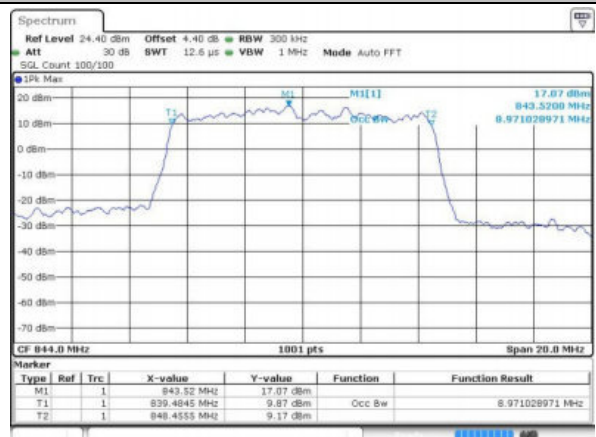
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



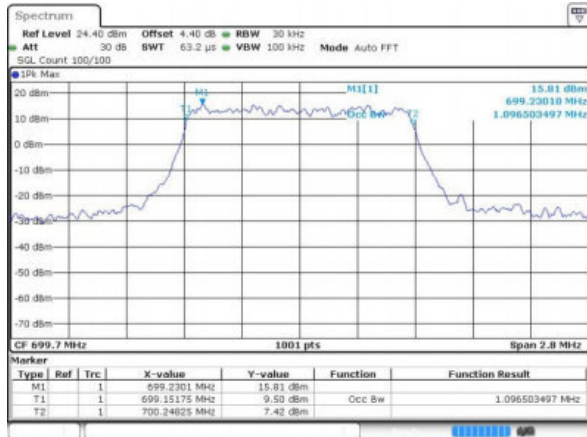
Highest Channel / 10MHz / 16QAM





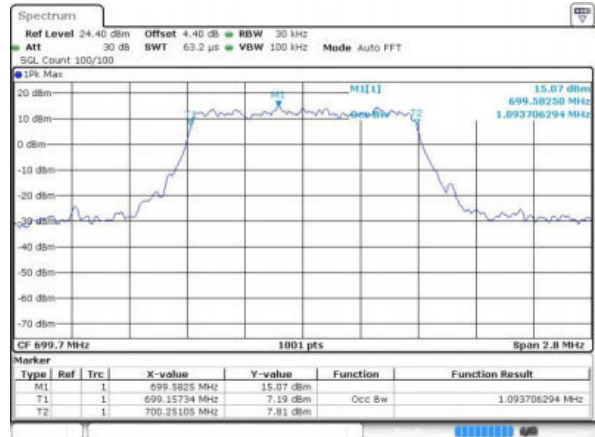
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



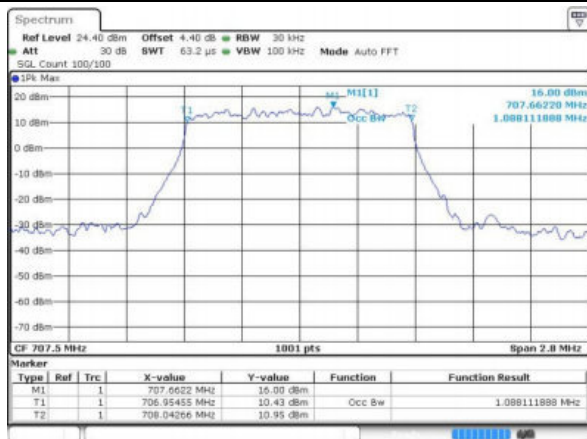
Date: 27 SEP 2016 17:31:26

Lowest Channel / 1.4MHz / 16QAM



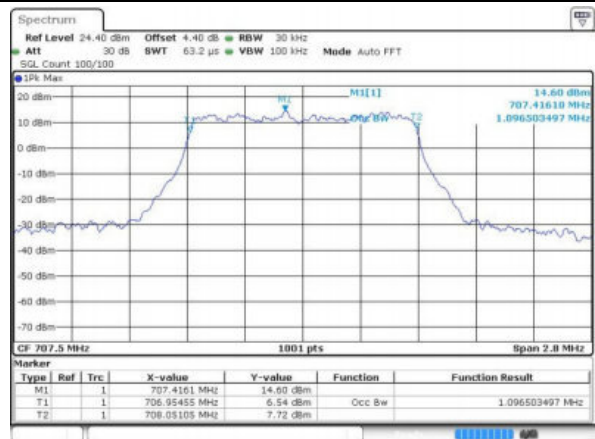
Date: 27 SEP 2016 17:31:37

Middle Channel / 1.4MHz / QPSK



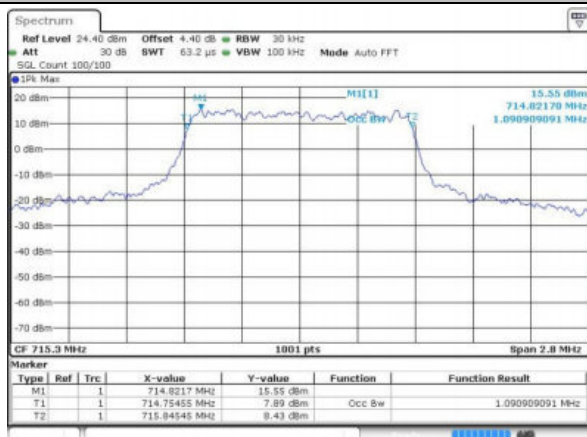
Date: 27 SEP 2016 17:32:00

Middle Channel / 1.4MHz / 16QAM



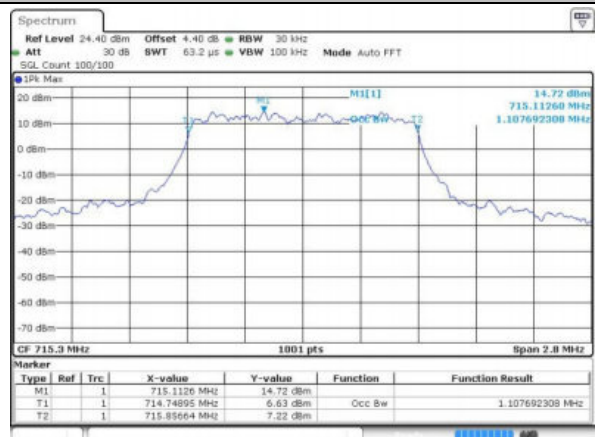
Date: 27 SEP 2016 17:31:48

Highest Channel / 1.4MHz / QPSK



Date: 27 SEP 2016 17:32:11

Highest Channel / 1.4MHz / 16QAM

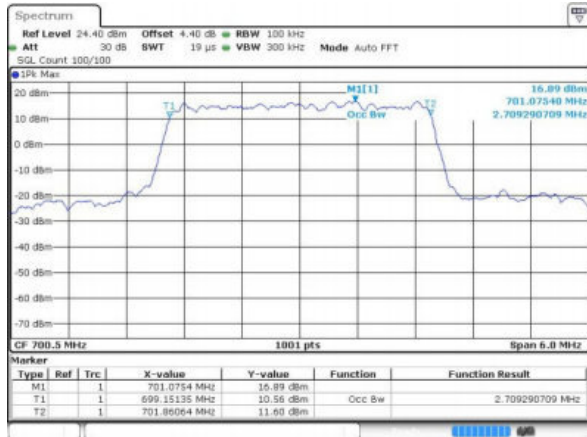


Date: 27 SEP 2016 17:32:22

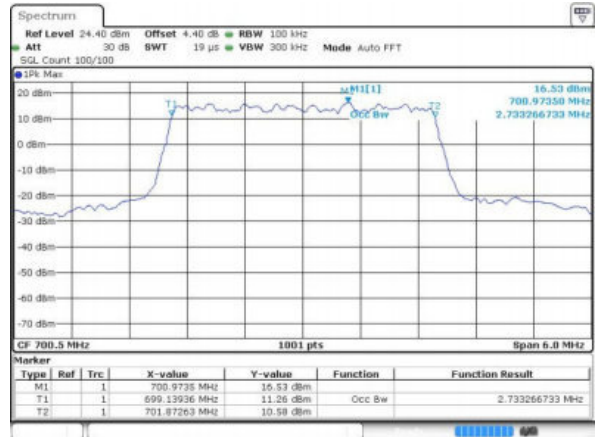


LTE Band 12

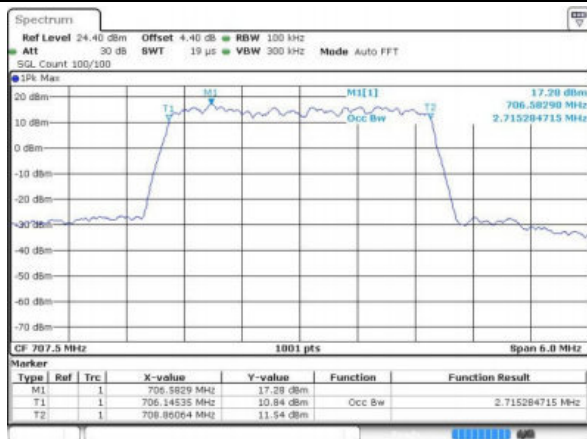
Lowest Channel / 3MHz / QPSK



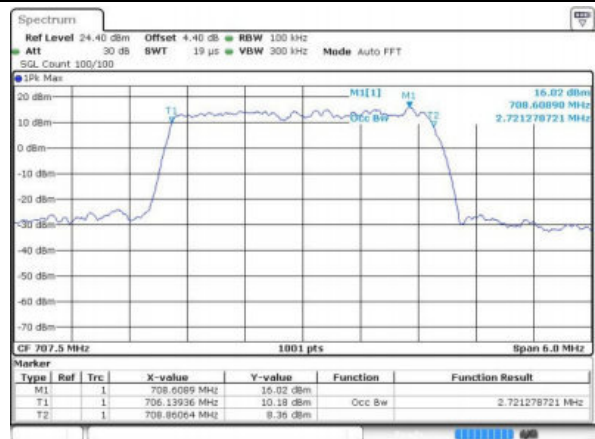
Lowest Channel / 3MHz / 16QAM



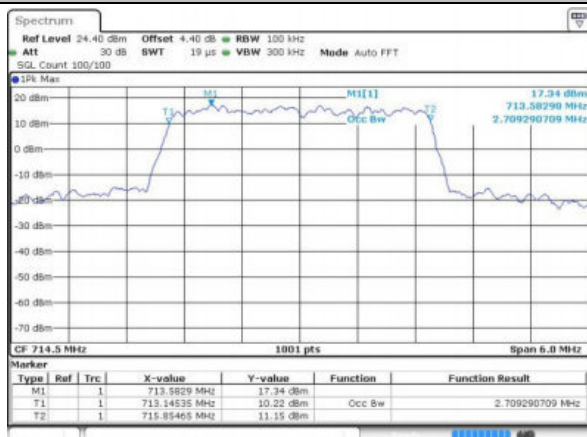
Middle Channel / 3MHz / QPSK



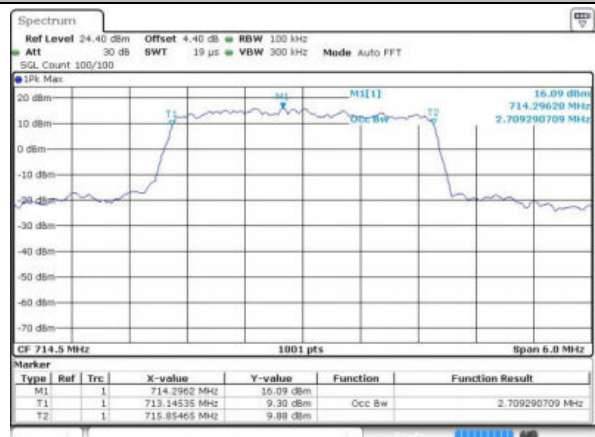
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



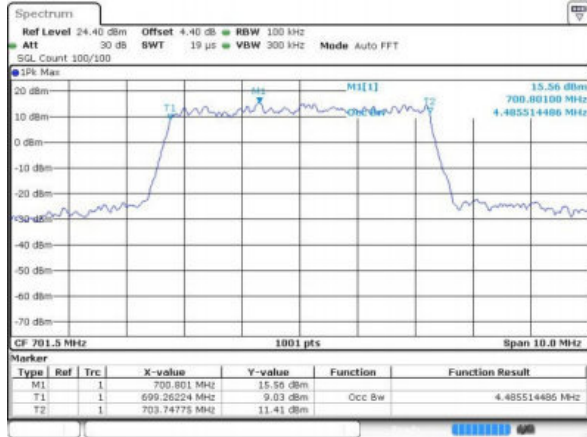
Highest Channel / 3MHz / 16QAM





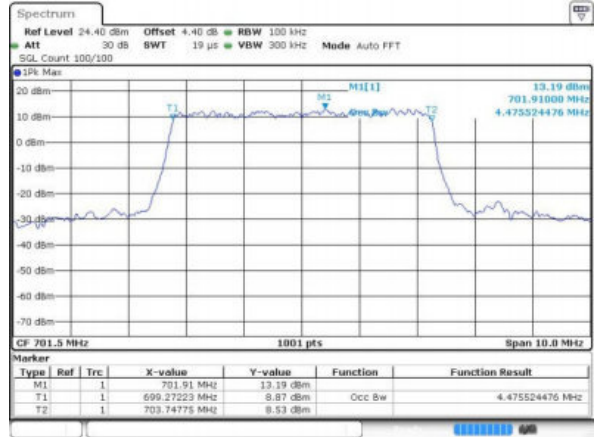
LTE Band 12

Lowest Channel / 5MHz / QPSK



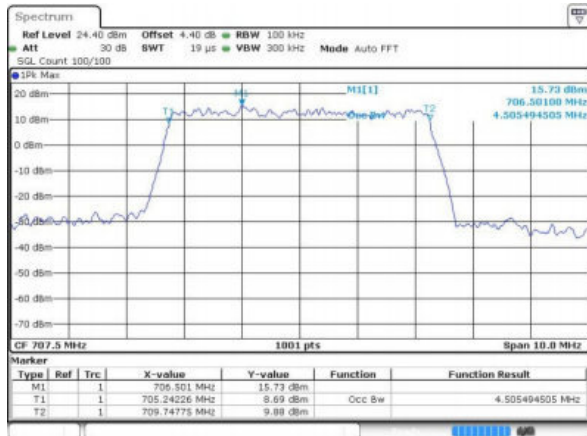
Date: 27 SEP 2016 18:05:30

Lowest Channel / 5MHz / 16QAM



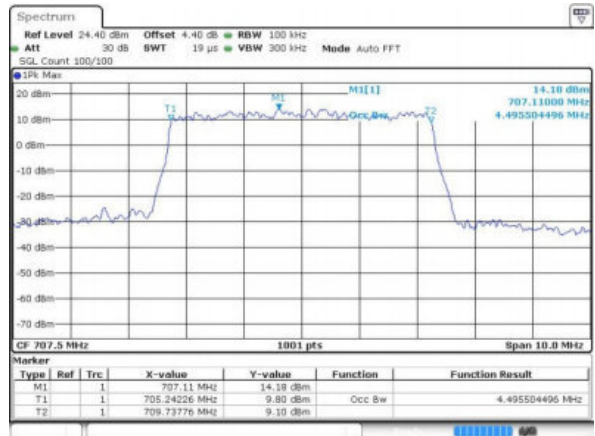
Date: 27 SEP 2016 18:05:41

Middle Channel / 5MHz / QPSK



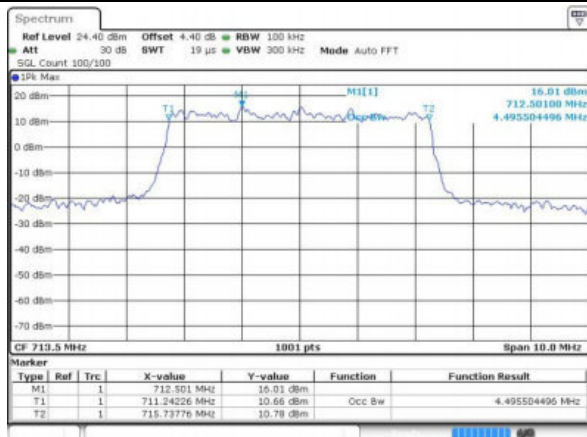
Date: 27 SEP 2016 18:06:03

Middle Channel / 5MHz / 16QAM



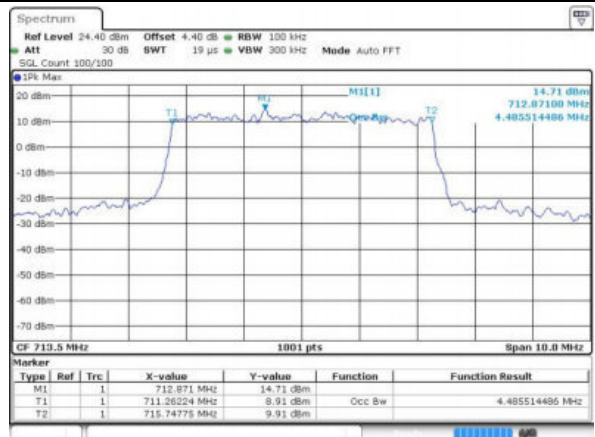
Date: 27 SEP 2016 18:06:52

Highest Channel / 5MHz / QPSK



Date: 27 SEP 2016 18:06:15

Highest Channel / 5MHz / 16QAM

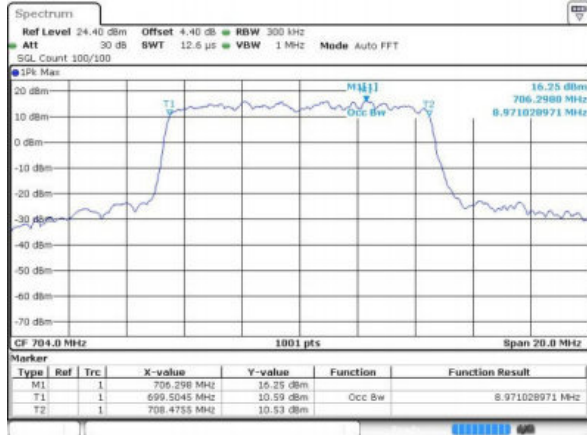


Date: 27 SEP 2016 18:06:26



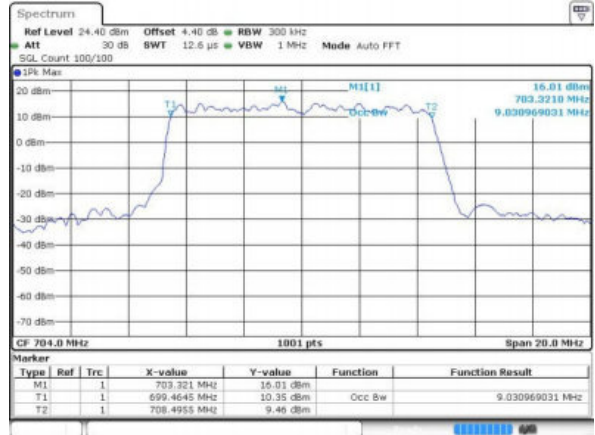
LTE Band 12

Lowest Channel / 10MHz / QPSK



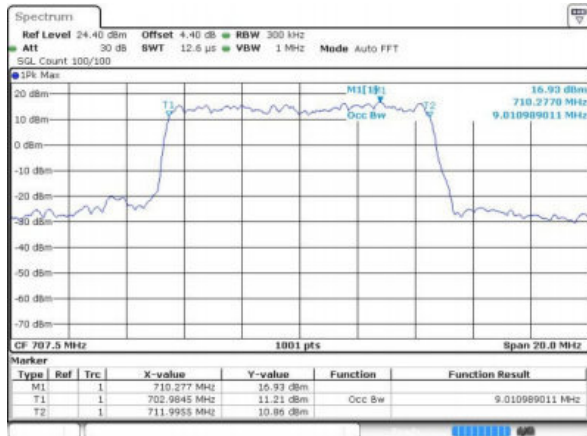
Date: 27 SEP 2016 18:22:30

Lowest Channel / 10MHz / 16QAM



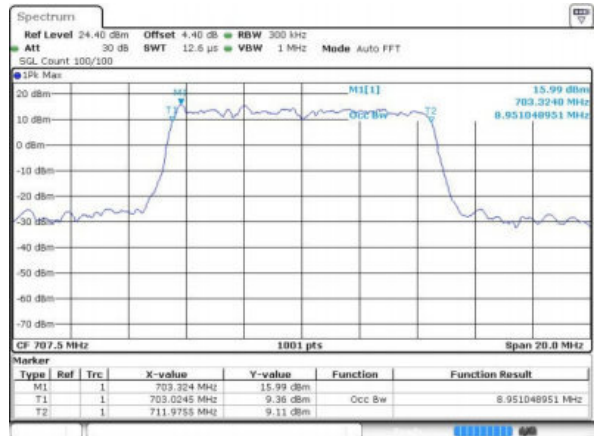
Date: 27 SEP 2016 18:22:42

Middle Channel / 10MHz / QPSK



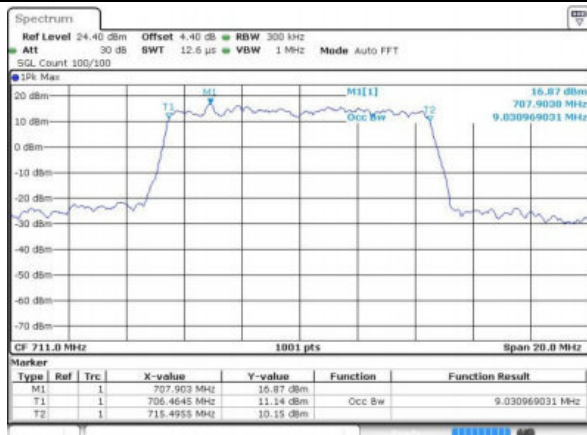
Date: 27 SEP 2016 18:23:04

Middle Channel / 10MHz / 16QAM



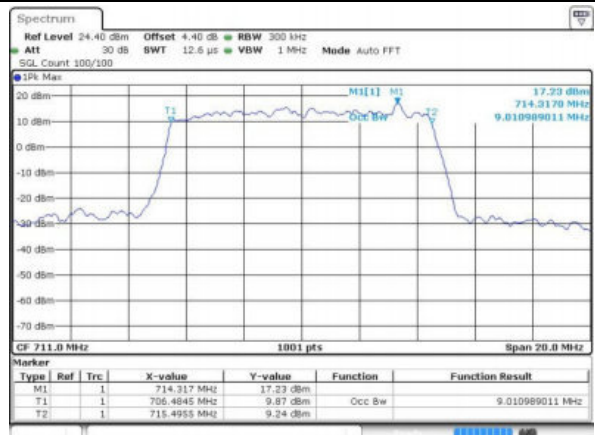
Date: 27 SEP 2016 18:23:03

Highest Channel / 10MHz / QPSK



Date: 27 SEP 2016 18:23:15

Highest Channel / 10MHz / 16QAM



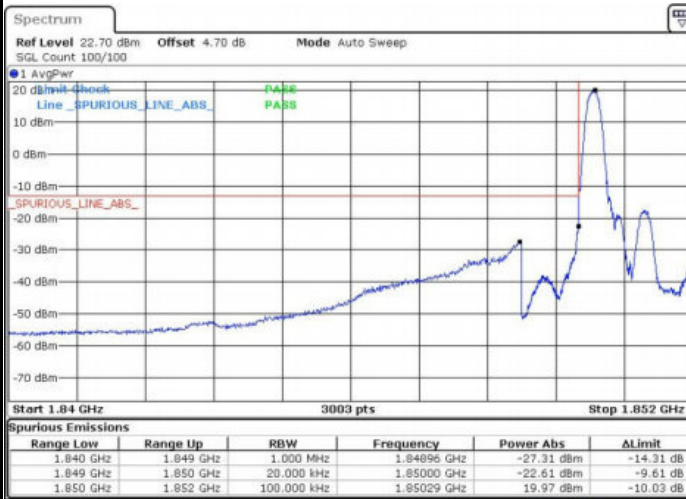
Date: 27 SEP 2016 18:23:26



Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

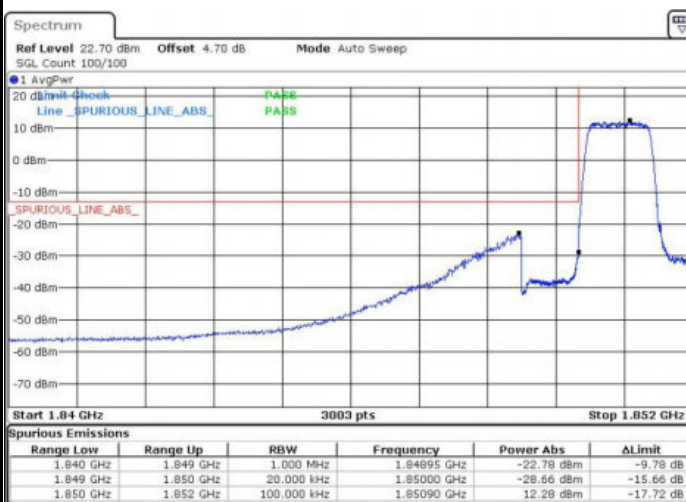
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

