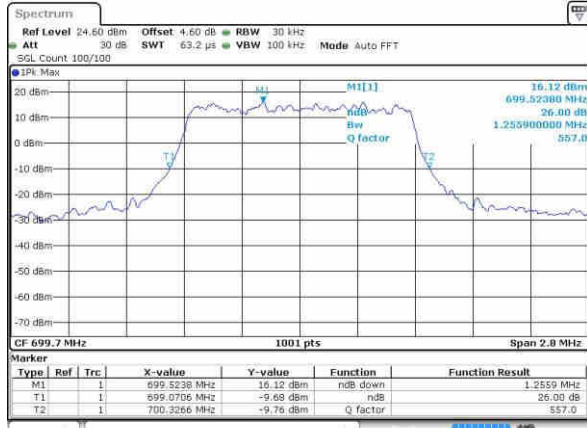


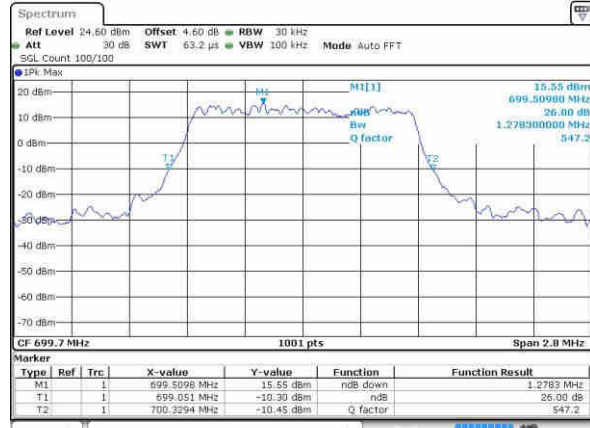


LTE Band 12

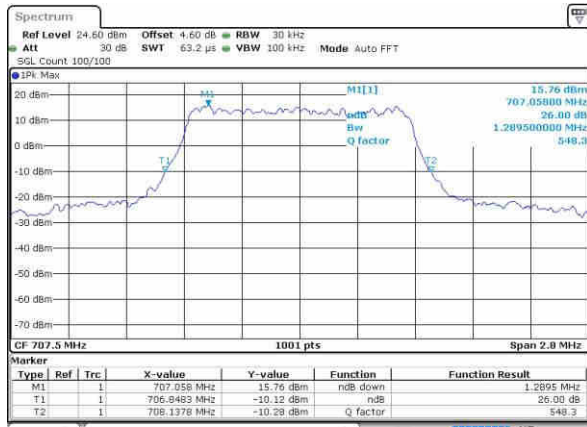
Lowest Channel / 1.4MHz / QPSK



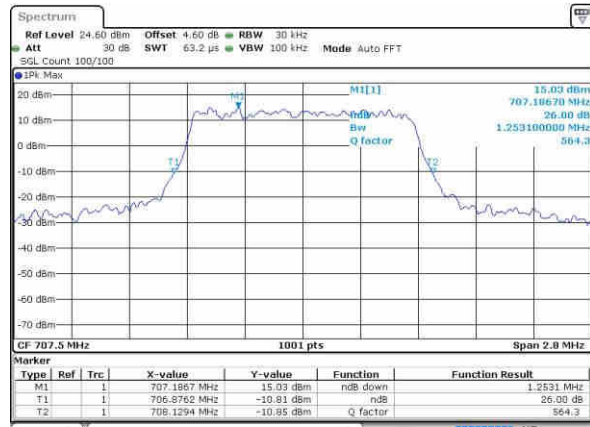
Lowest Channel / 1.4MHz / 16QAM



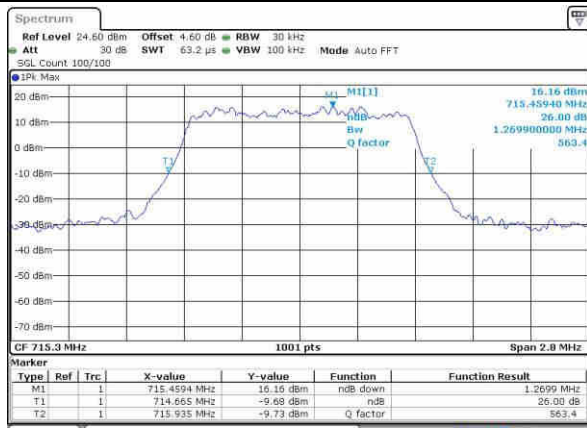
Middle Channel / 1.4MHz / QPSK



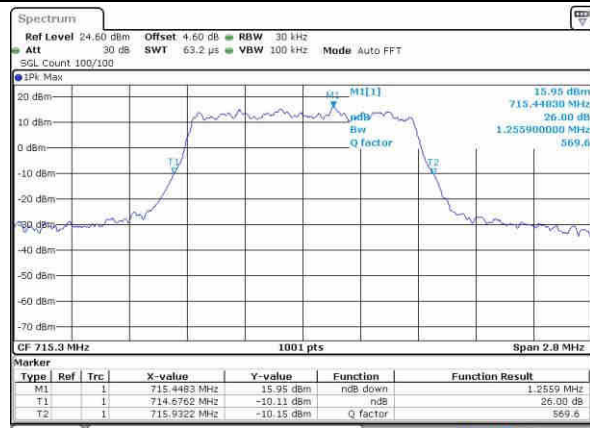
Middle Channel / 1.4MHz / 16QAM

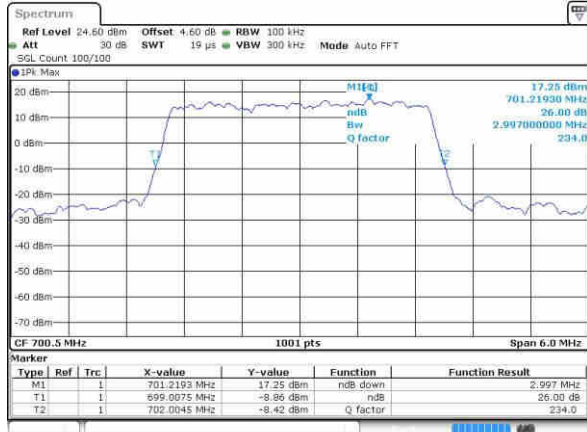


Highest Channel / 1.4MHz / QPSK

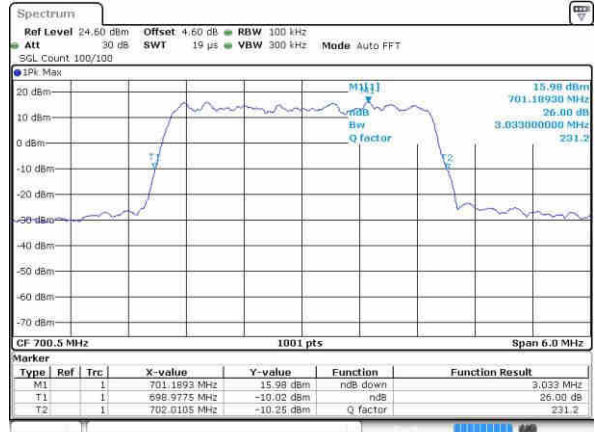


Highest Channel / 1.4MHz / 16QAM

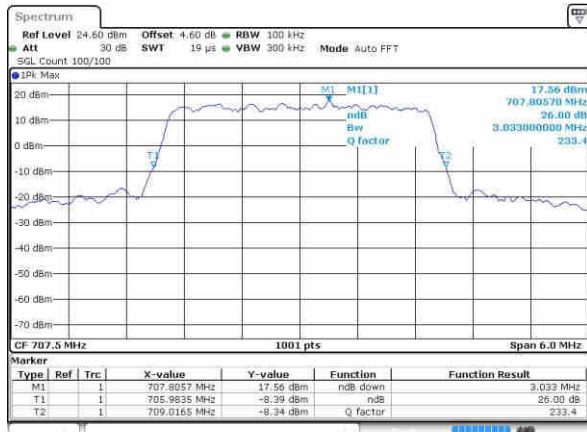


LTE Band 12
Lowest Channel / 3MHz / QPSK


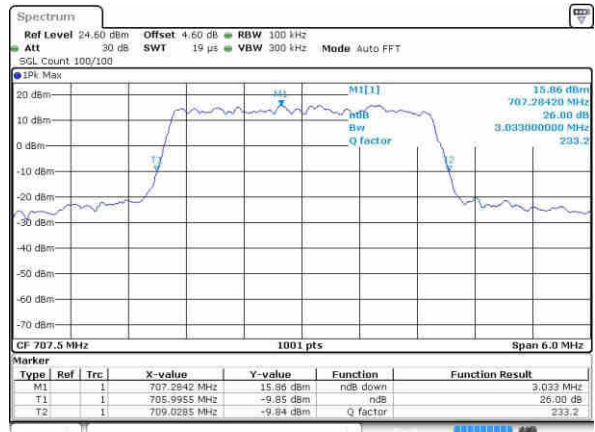
Date: 19 JAN 2017 11:03:23

Lowest Channel / 3MHz / 16QAM


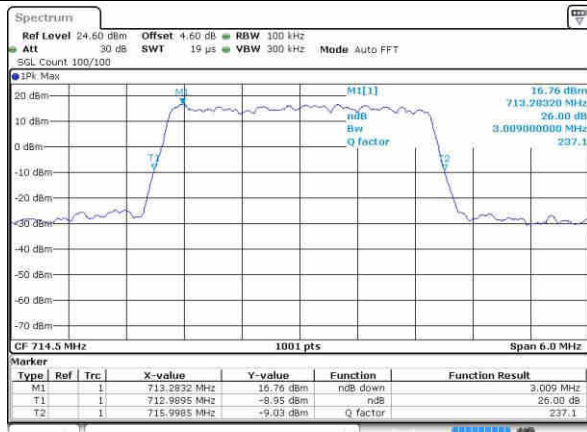
Date: 19 JAN 2017 11:03:13

Middle Channel / 3MHz / QPSK


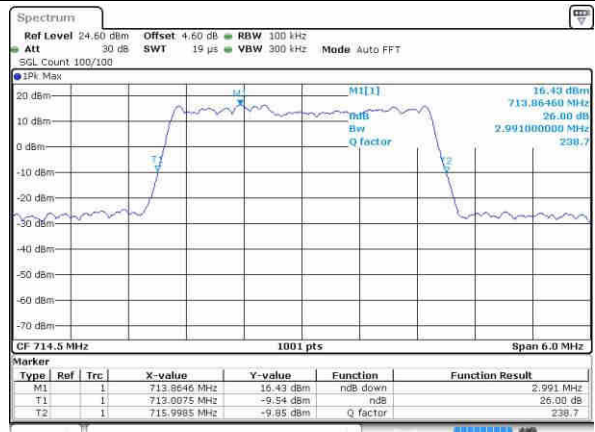
Date: 19 JAN 2017 11:02:52

Middle Channel / 3MHz / 16QAM


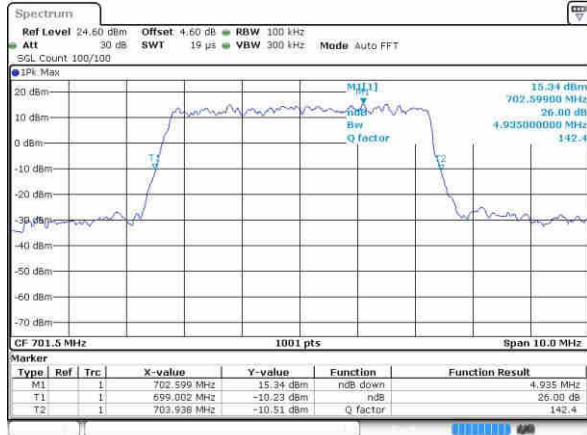
Date: 19 JAN 2017 11:03:02

Highest Channel / 3MHz / QPSK


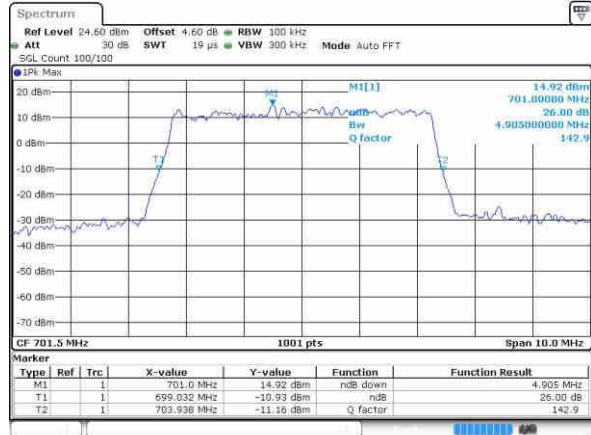
Date: 19 JAN 2017 11:02:42

Highest Channel / 3MHz / 16QAM


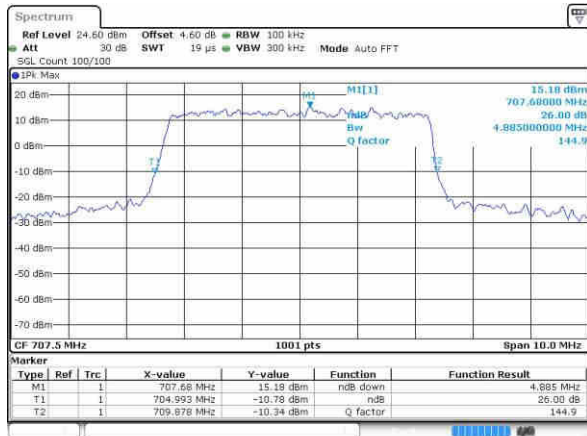
Date: 19 JAN 2017 11:02:31

LTE Band 12
Lowest Channel / 5MHz / QPSK


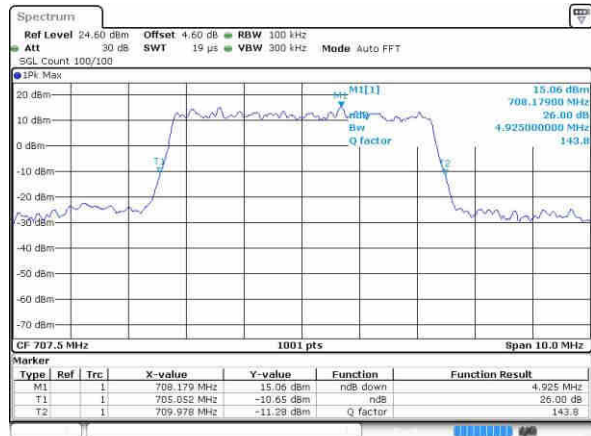
Date: 19 JAN 2017 11:20:00

Lowest Channel / 5MHz / 16QAM


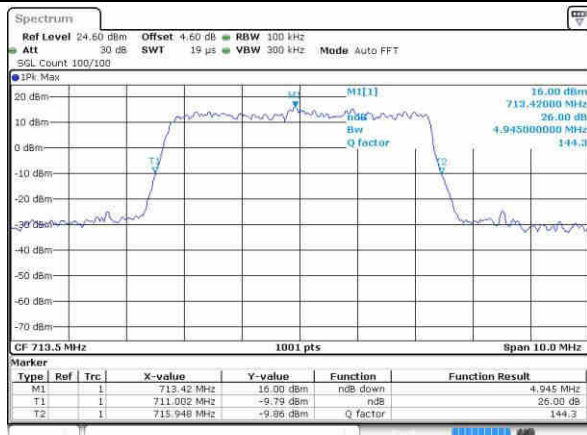
Date: 19 JAN 2017 11:19:49

Middle Channel / 5MHz / QPSK


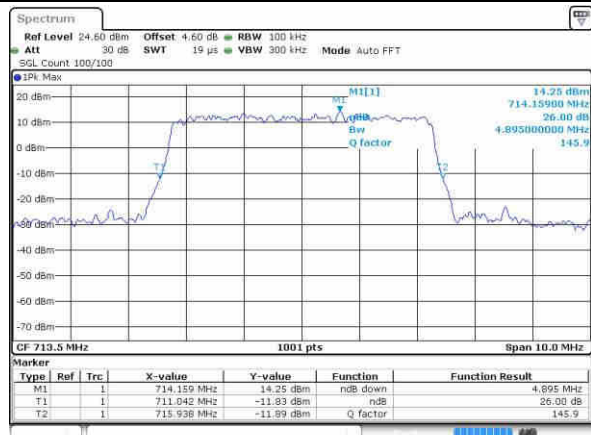
Date: 19 JAN 2017 11:19:29

Middle Channel / 5MHz / 16QAM


Date: 19 JAN 2017 11:19:39

Highest Channel / 5MHz / QPSK


Date: 19 JAN 2017 11:19:18

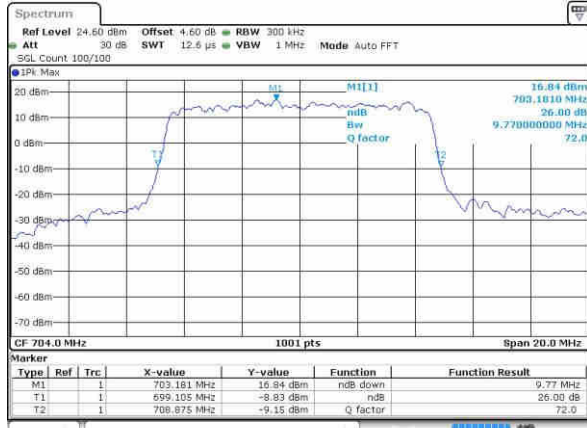
Highest Channel / 5MHz / 16QAM


Date: 19 JAN 2017 11:19:08



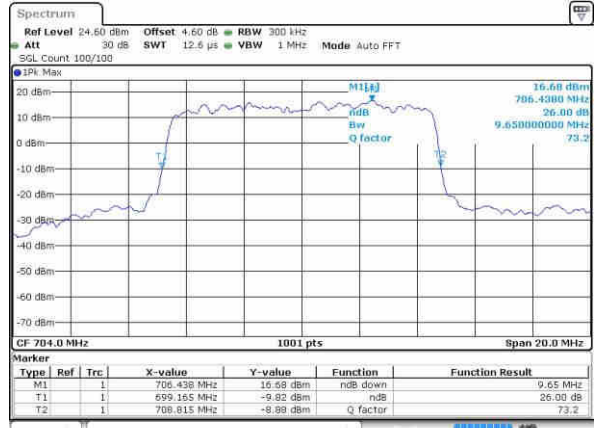
LTE Band 12

Lowest Channel / 10MHz / QPSK



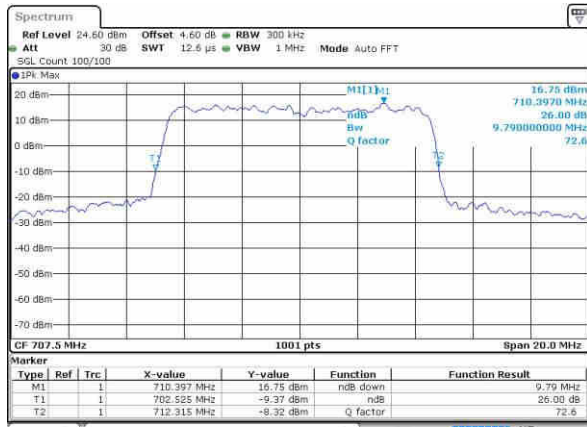
Date: 19 JAN 2017 11:36:36

Lowest Channel / 10MHz / 16QAM



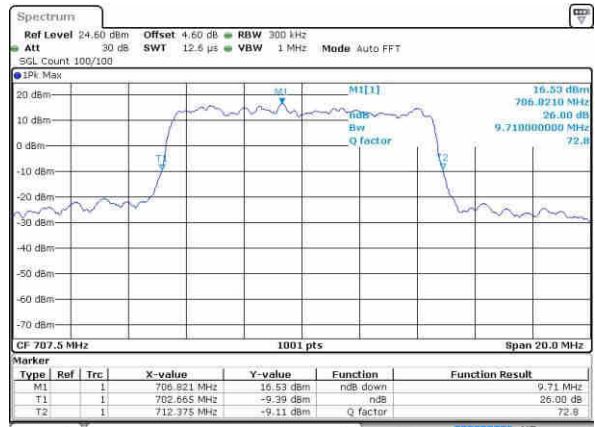
Date: 19 JAN 2017 11:36:25

Middle Channel / 10MHz / QPSK



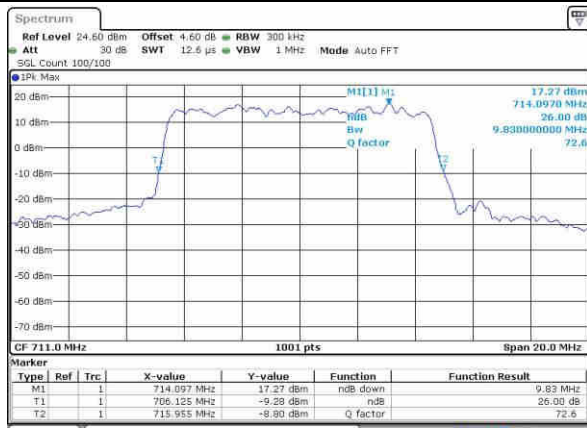
Date: 19 JAN 2017 11:36:05

Middle Channel / 10MHz / 16QAM



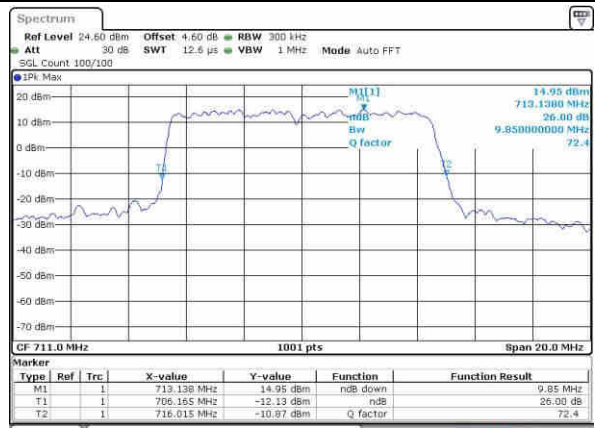
Date: 19 JAN 2017 11:36:15

Highest Channel / 10MHz / QPSK



Date: 19 JAN 2017 11:35:54

Highest Channel / 10MHz / 16QAM



Date: 19 JAN 2017 11:35:44

**Occupied Bandwidth**

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.72	4.51	4.49	8.99	8.99	13.37	13.43	18.42	18.34
Middle CH	1.10	1.09	2.76	2.71	4.51	4.50	9.03	9.01	13.40	13.40	18.22	18.30
Highest CH	1.10	1.09	2.71	2.70	4.49	4.49	9.03	8.93	13.43	13.31	18.18	18.34

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	1.10	2.72	2.72	4.50	4.51	9.07	8.99	13.46	13.43	18.26	18.18
Middle CH	1.09	1.09	2.72	2.72	4.51	4.49	8.99	8.97	13.37	13.43	18.30	18.30
Highest CH	1.10	1.09	2.71	2.73	4.50	4.49	8.99	8.99	13.46	13.40	18.18	18.18

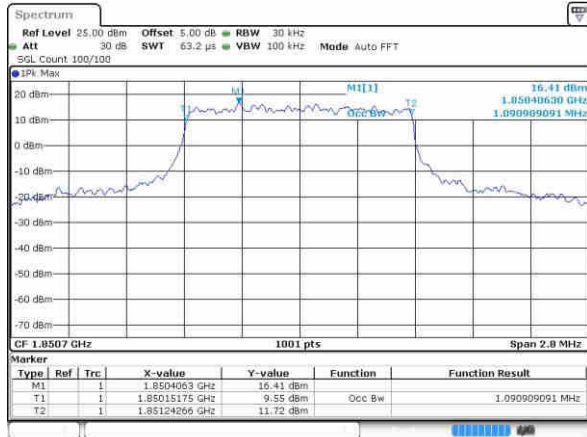
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.49	4.51	9.05	8.99	-	-	-	-
Middle CH	1.09	1.10	2.72	2.71	4.49	4.51	9.03	9.03	-	-	-	-
Highest CH	1.10	1.09	2.70	2.71	4.50	4.48	8.99	8.99	-	-	-	-

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	1.10	2.72	2.72	4.49	4.50	8.97	8.95	-	-	-	-
Middle CH	1.09	1.09	2.75	2.72	4.49	4.48	9.03	9.03	-	-	-	-
Highest CH	1.10	1.09	2.72	2.73	4.50	4.48	9.05	8.97	-	-	-	-

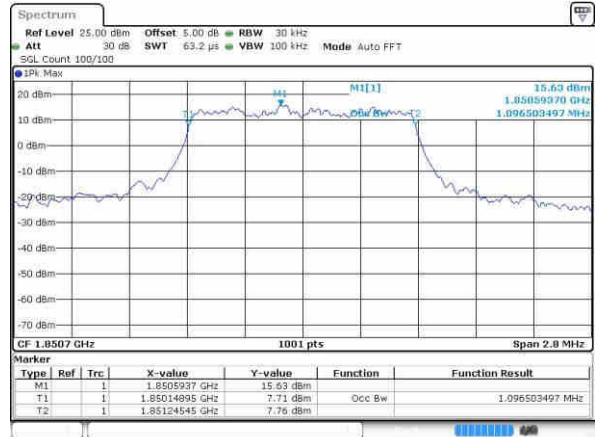


LTE Band 2

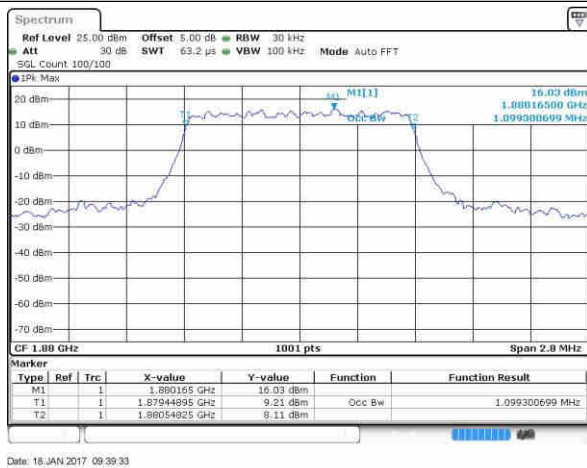
Lowest Channel / 1.4MHz / QPSK



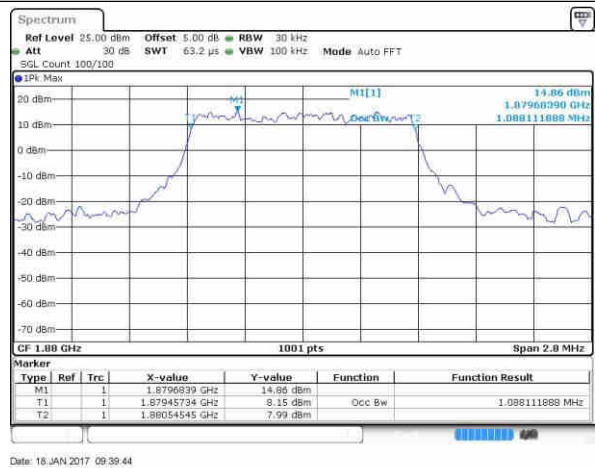
Lowest Channel / 1.4MHz / 16QAM



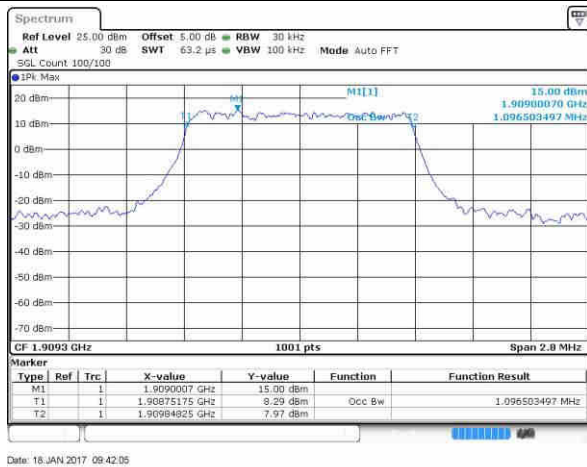
Middle Channel / 1.4MHz / QPSK



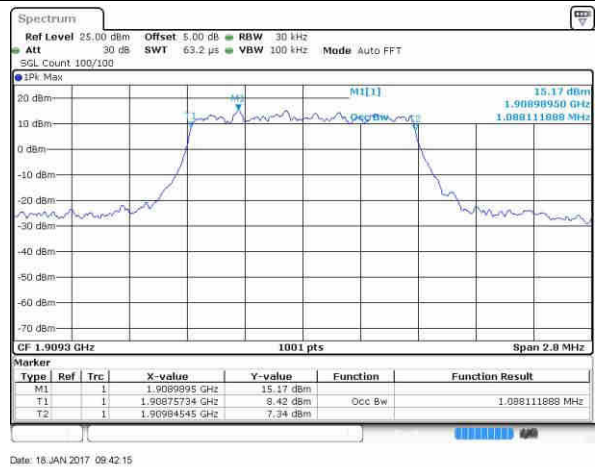
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



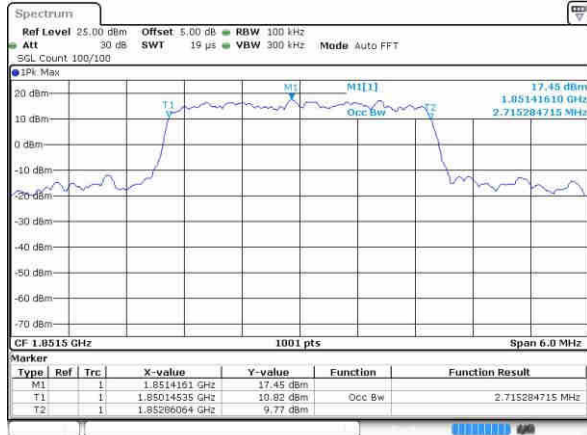
Highest Channel / 1.4MHz / 16QAM





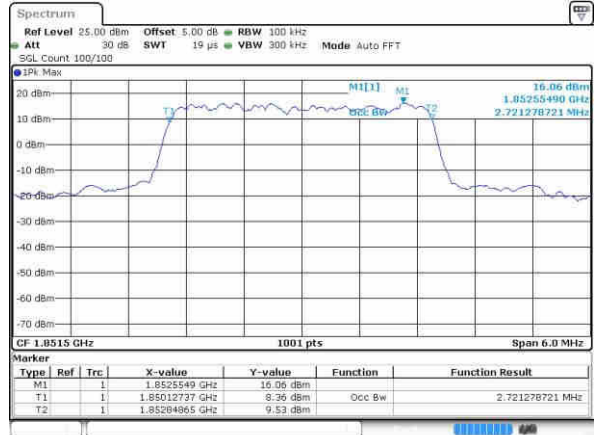
LTE Band 2

Lowest Channel / 3MHz / QPSK



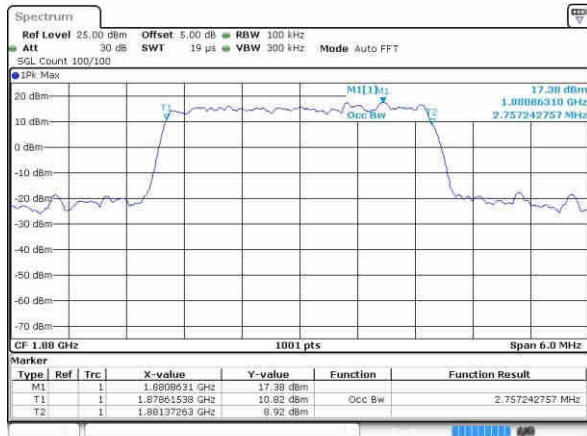
Date: 18 JAN 2017 09:49:08

Lowest Channel / 3MHz / 16QAM



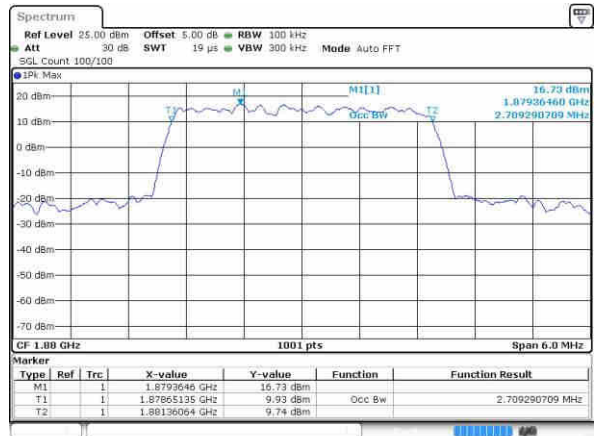
Date: 18 JAN 2017 09:49:18

Middle Channel / 3MHz / QPSK



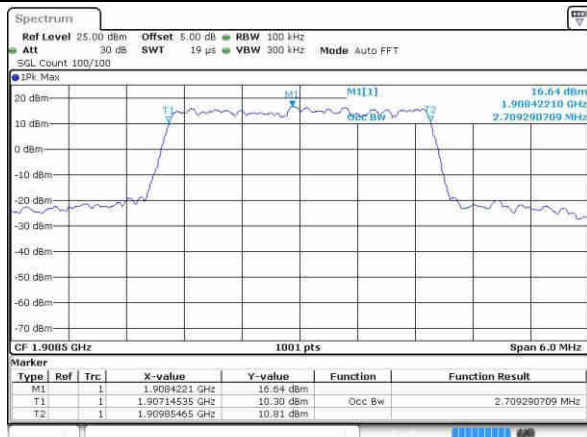
Date: 18 JAN 2017 09:58:11

Middle Channel / 3MHz / 16QAM



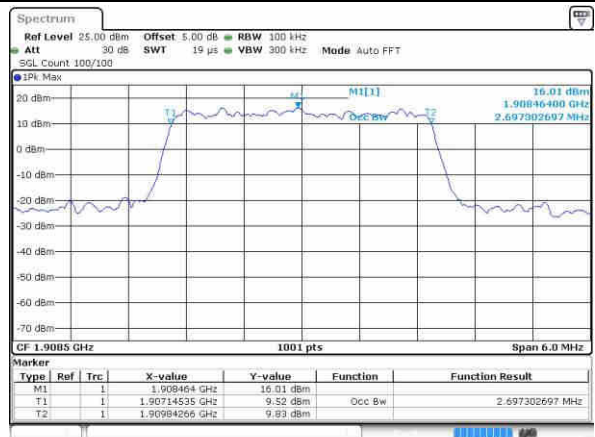
Date: 18 JAN 2017 09:58:21

Highest Channel / 3MHz / QPSK



Date: 18 JAN 2017 09:58:42

Highest Channel / 3MHz / 16QAM

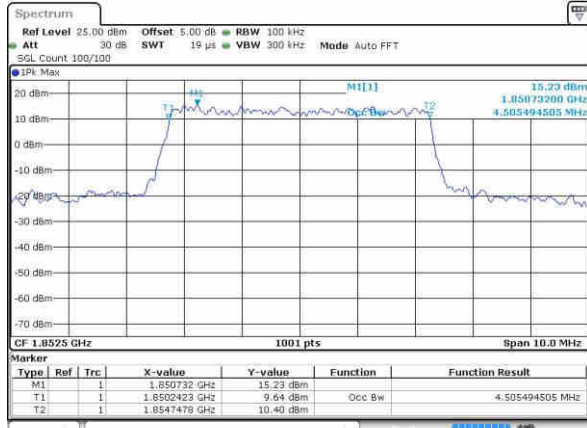


Date: 18 JAN 2017 09:58:52

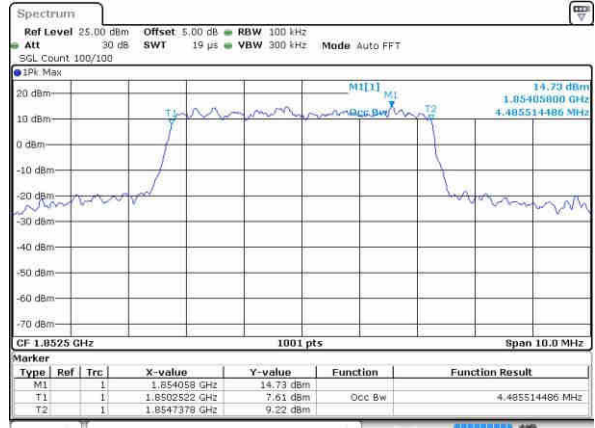


LTE Band 2

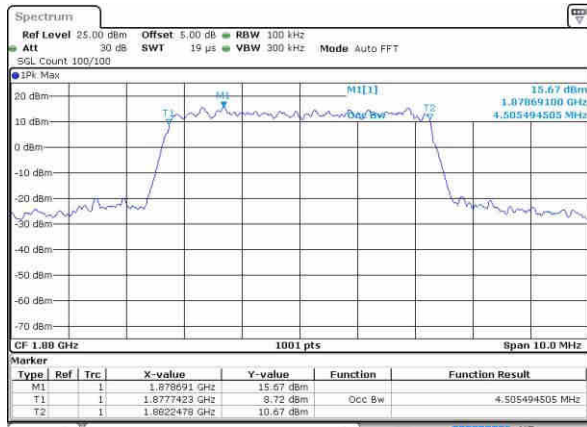
Lowest Channel / 5MHz / QPSK



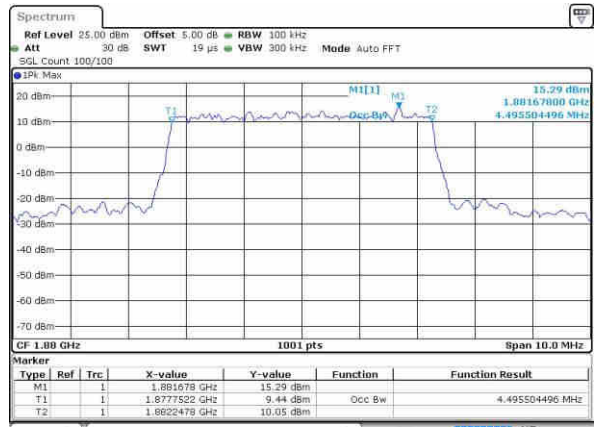
Lowest Channel / 5MHz / 16QAM



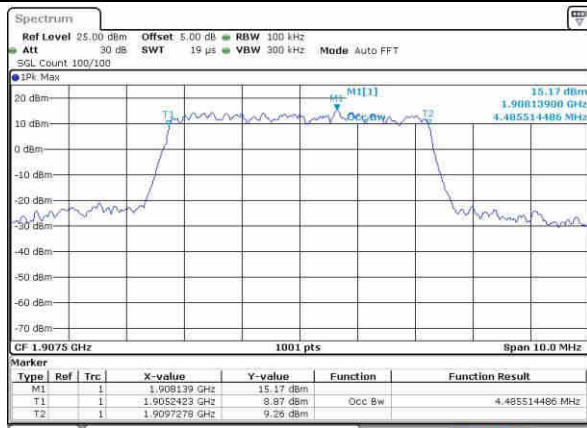
Middle Channel / 5MHz / QPSK



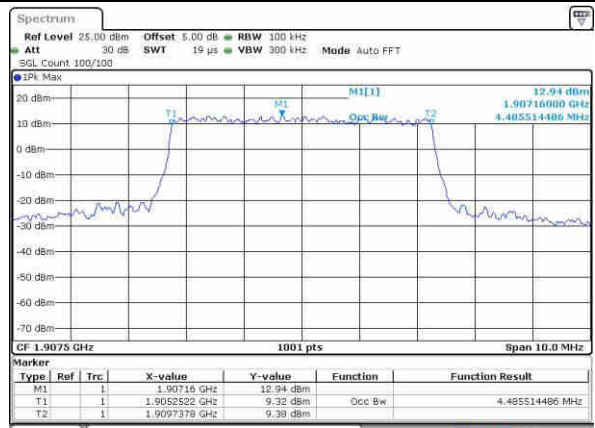
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



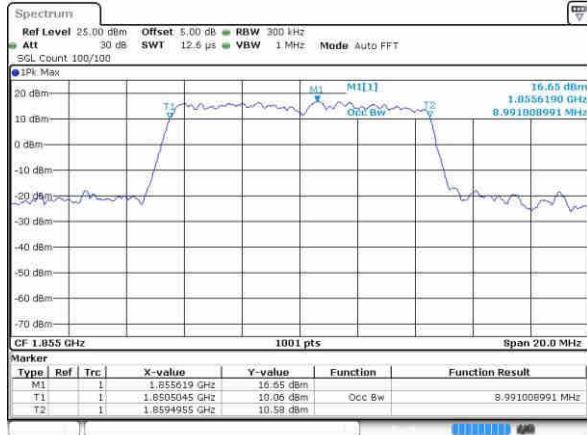
Highest Channel / 5MHz / 16QAM



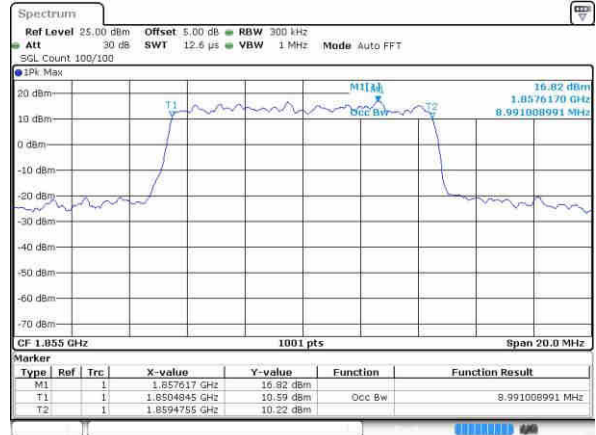


LTE Band 2

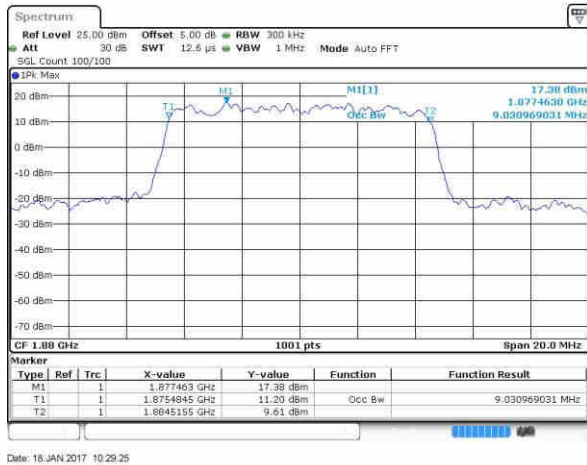
Lowest Channel / 10MHz / QPSK



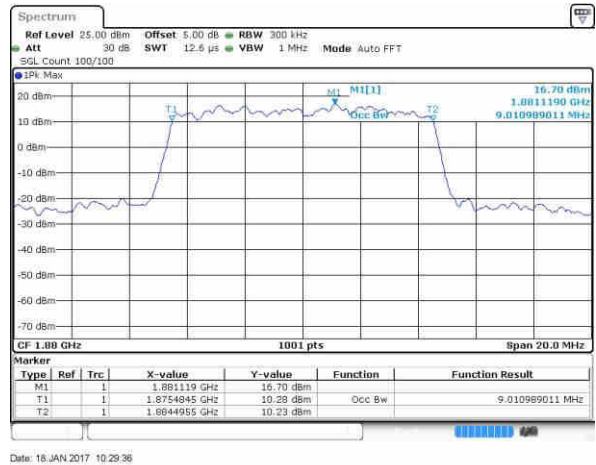
Lowest Channel / 10MHz / 16QAM



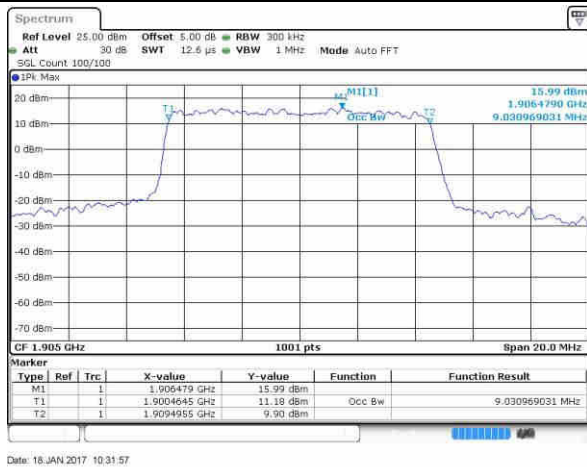
Middle Channel / 10MHz / QPSK



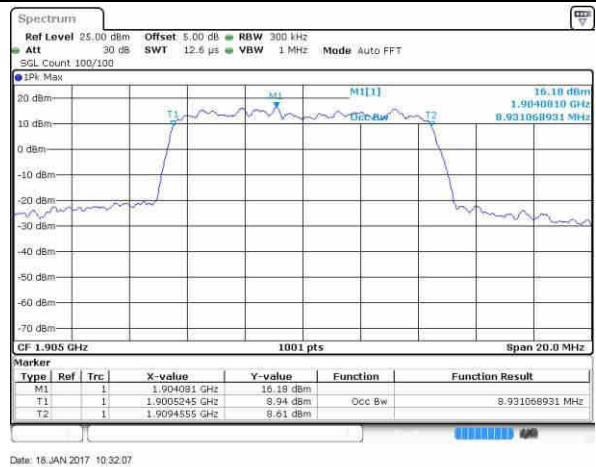
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



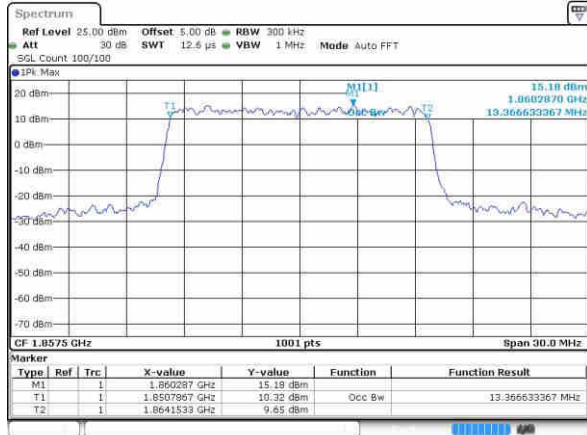
Highest Channel / 10MHz / 16QAM



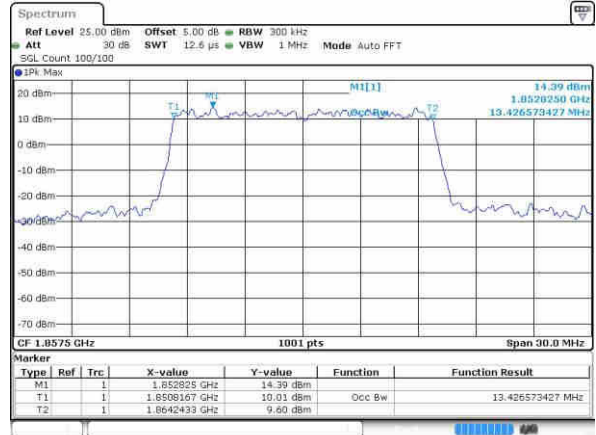


LTE Band 2

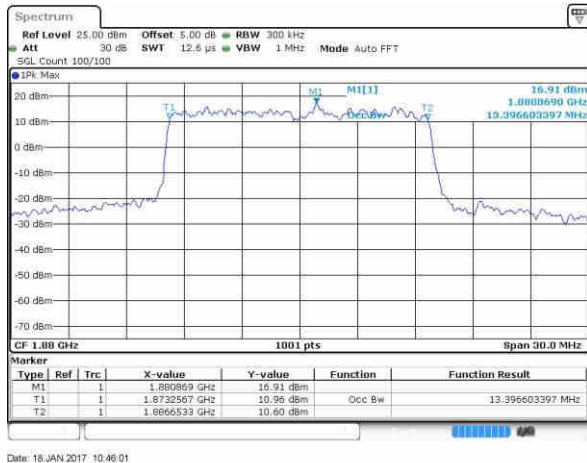
Lowest Channel / 15MHz / QPSK



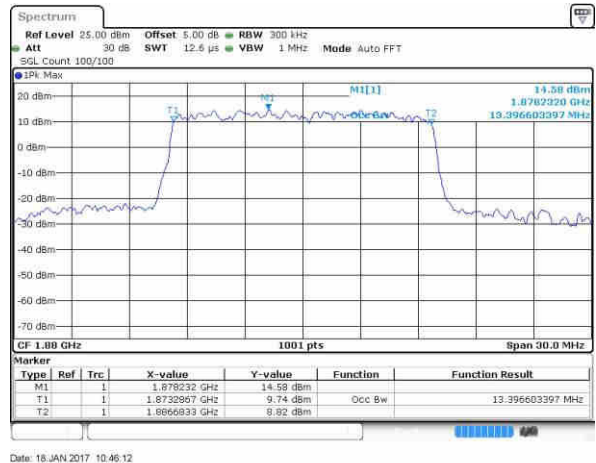
Lowest Channel / 15MHz / 16QAM



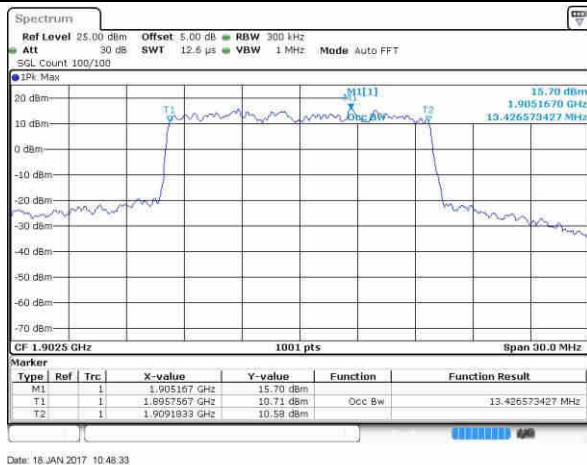
Middle Channel / 15MHz / QPSK



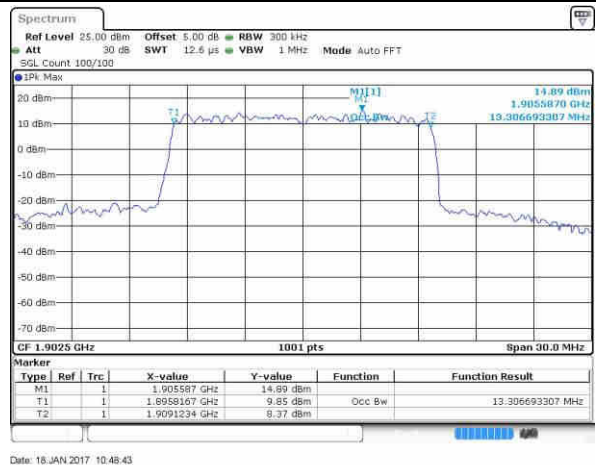
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



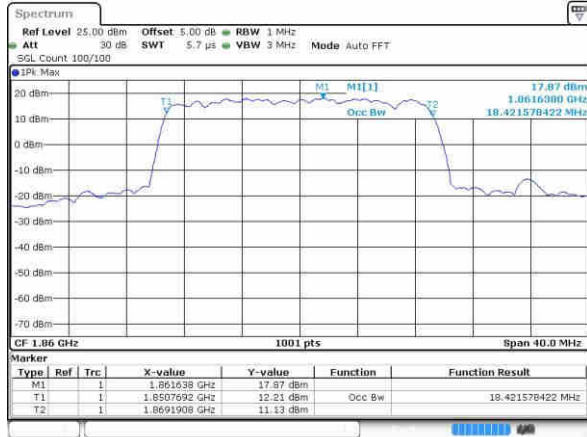
Highest Channel / 15MHz / 16QAM



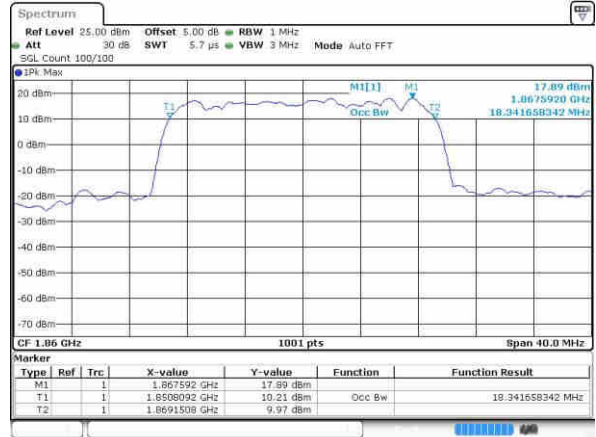


LTE Band 2

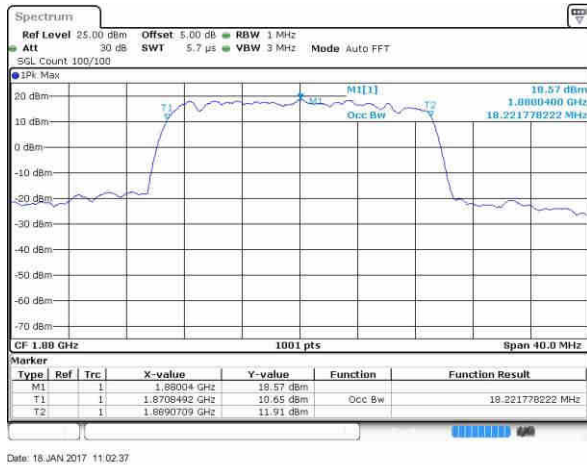
Lowest Channel / 20MHz / QPSK



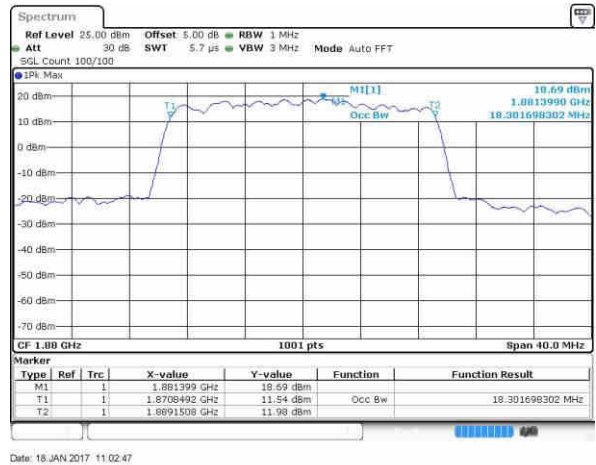
Lowest Channel / 20MHz / 16QAM



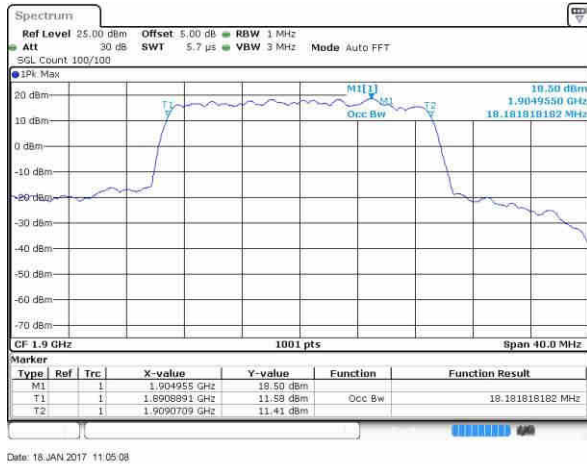
Middle Channel / 20MHz / QPSK



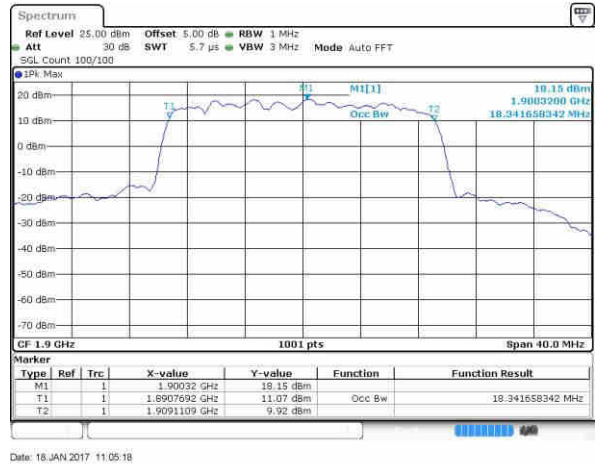
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



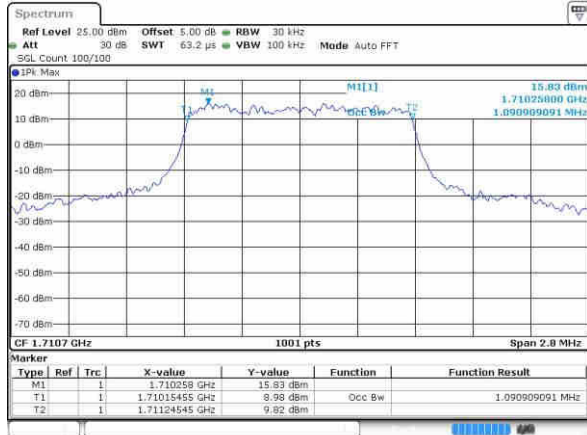
Highest Channel / 20MHz / 16QAM



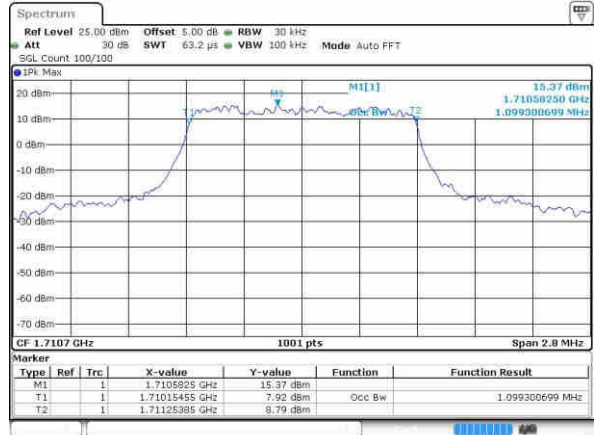


LTE Band 4

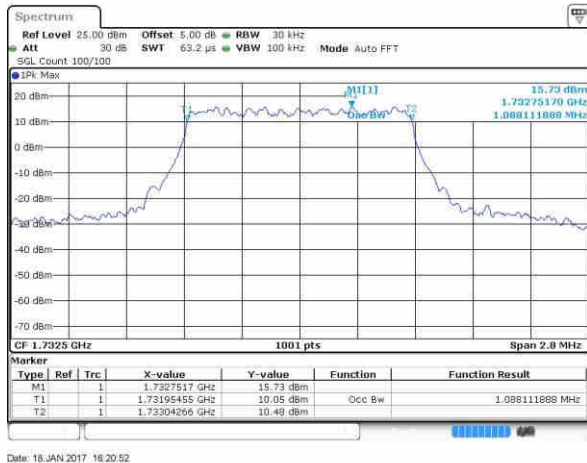
Lowest Channel / 1.4MHz / QPSK



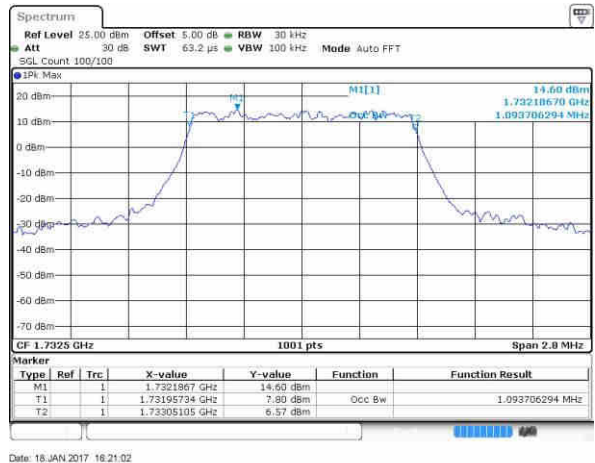
Lowest Channel / 1.4MHz / 16QAM



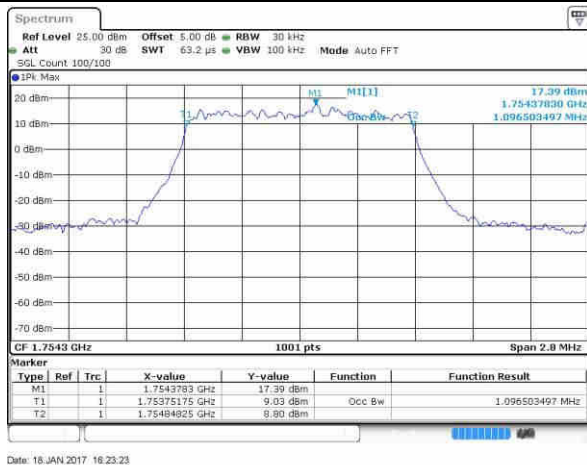
Middle Channel / 1.4MHz / QPSK



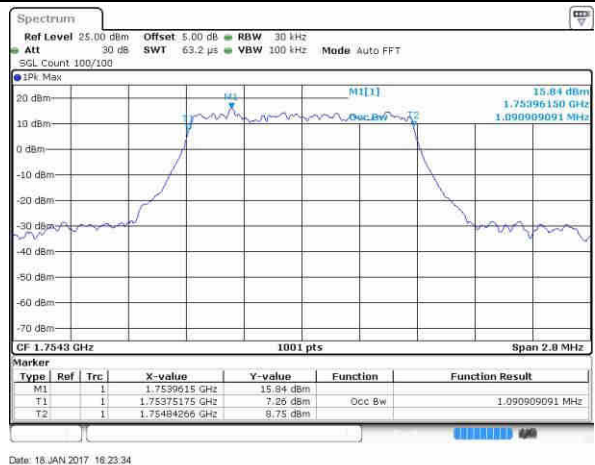
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



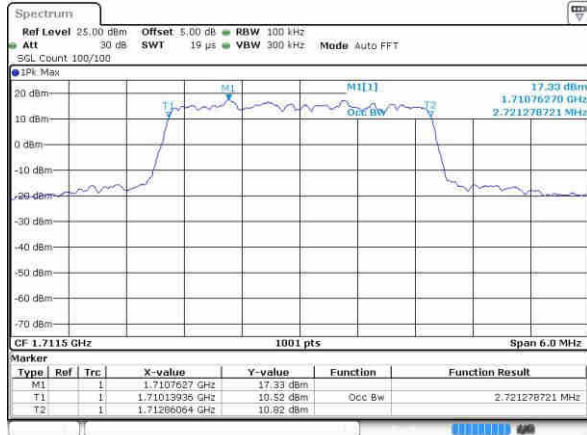
Highest Channel / 1.4MHz / 16QAM



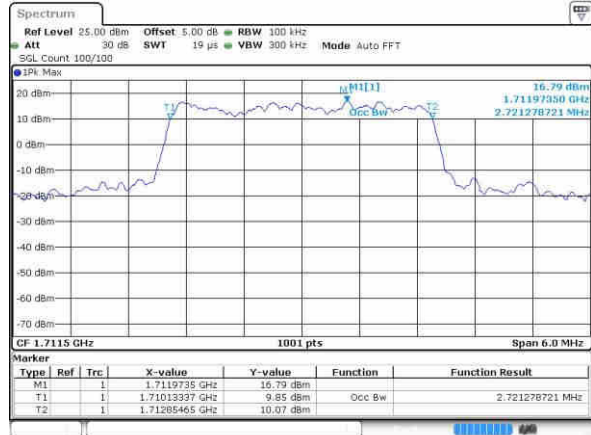


LTE Band 4

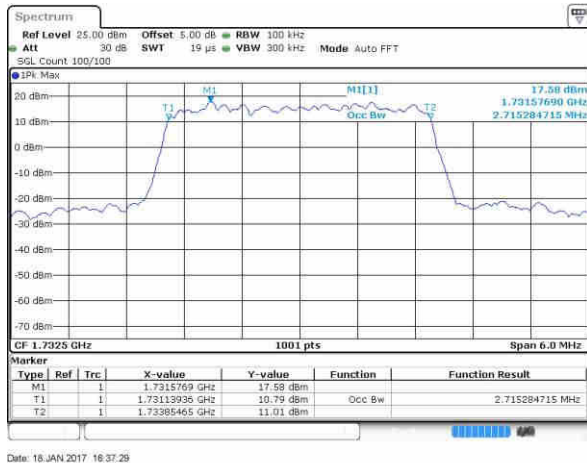
Lowest Channel / 3MHz / QPSK



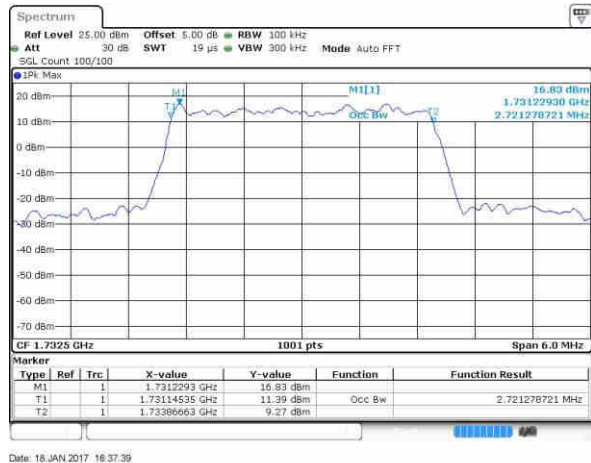
Lowest Channel / 3MHz / 16QAM



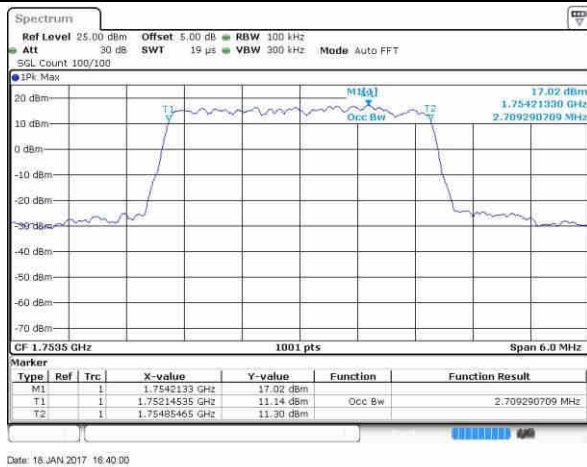
Middle Channel / 3MHz / QPSK



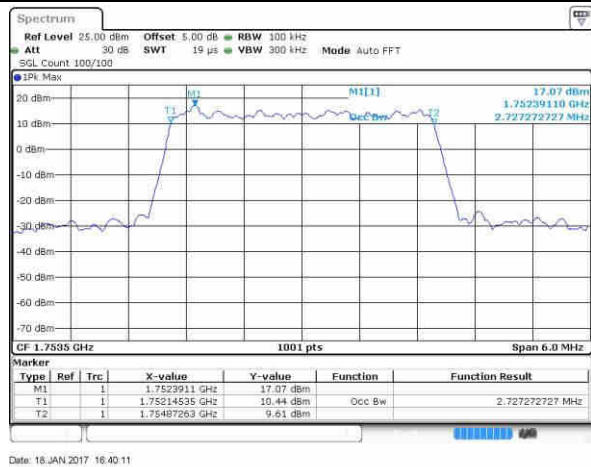
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



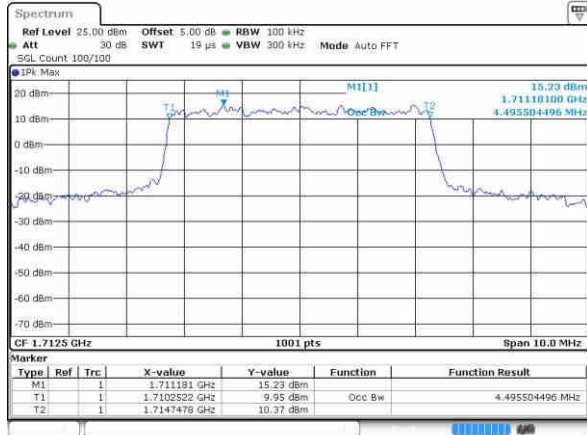
Highest Channel / 3MHz / 16QAM



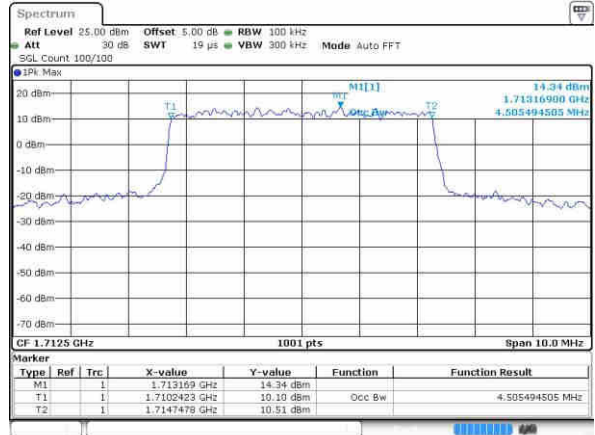


LTE Band 4

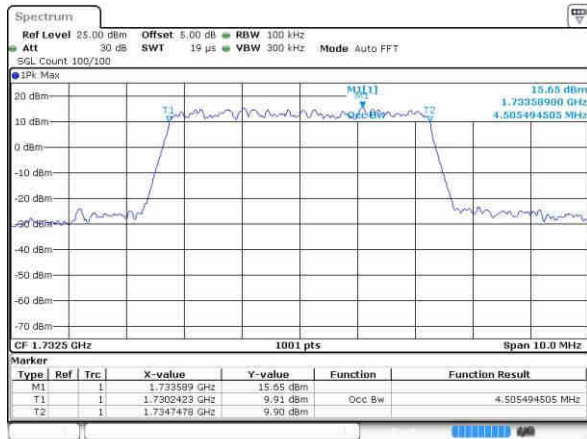
Lowest Channel / 5MHz / QPSK



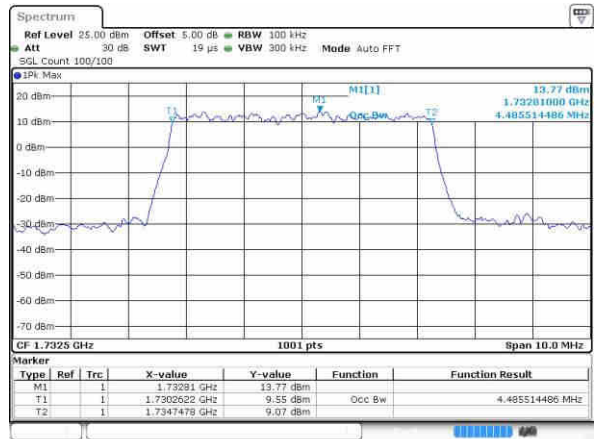
Lowest Channel / 5MHz / 16QAM



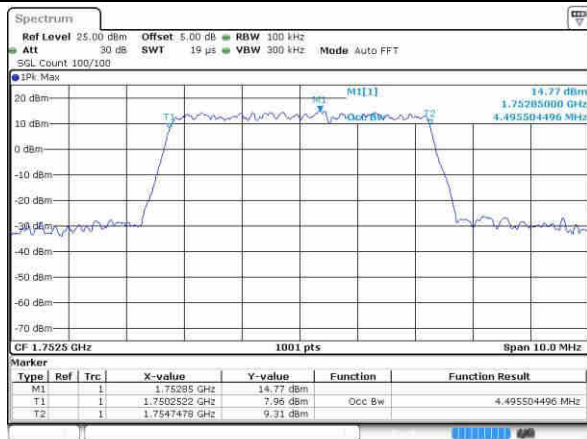
Middle Channel / 5MHz / QPSK



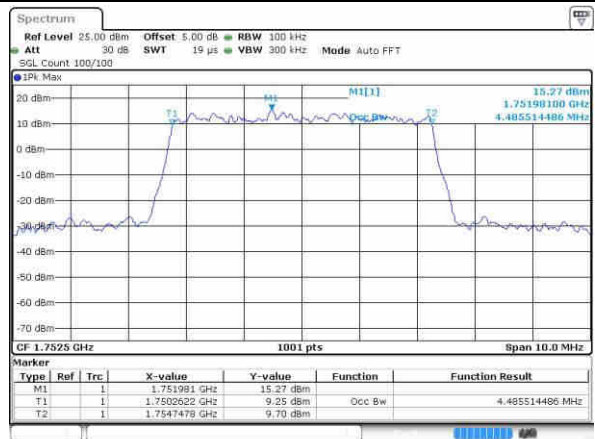
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



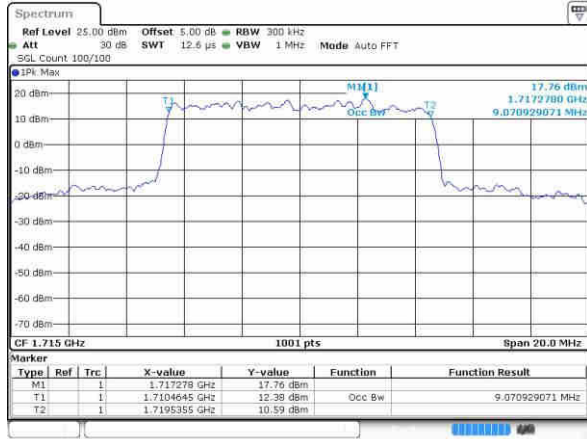
Highest Channel / 5MHz / 16QAM



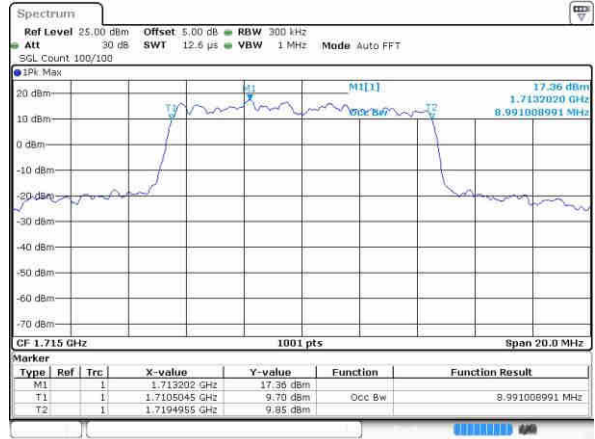


LTE Band 4

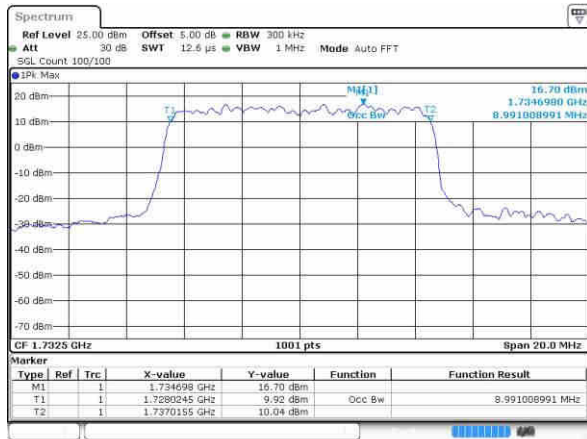
Lowest Channel / 10MHz / QPSK



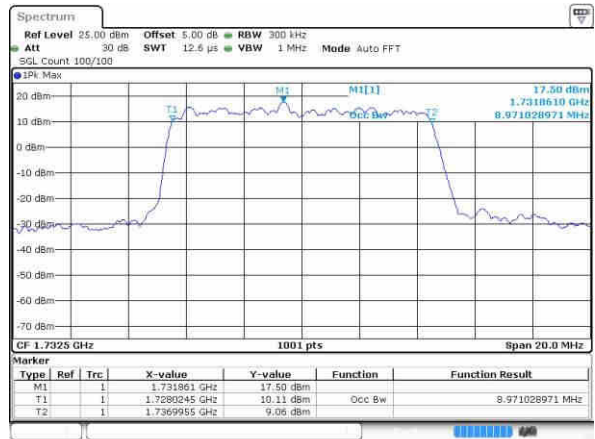
Lowest Channel / 10MHz / 16QAM



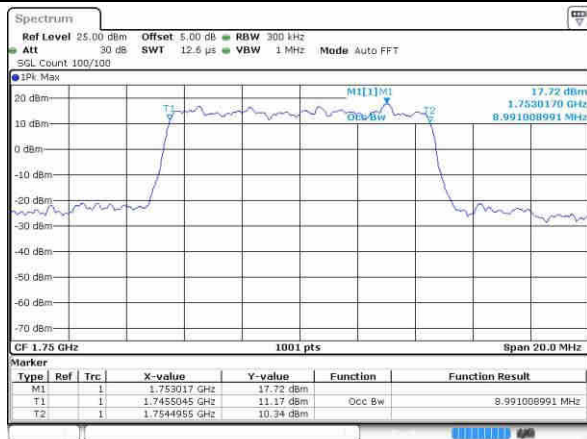
Middle Channel / 10MHz / QPSK



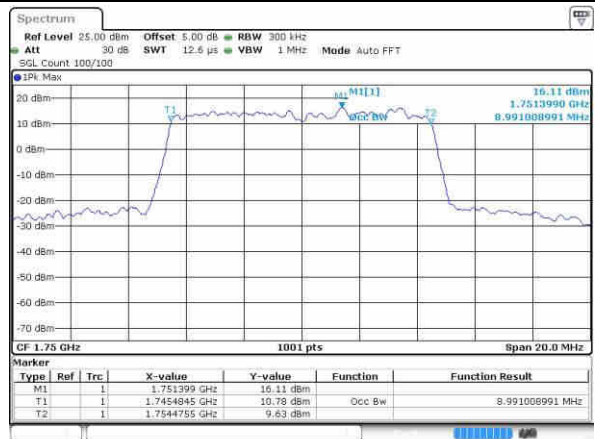
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



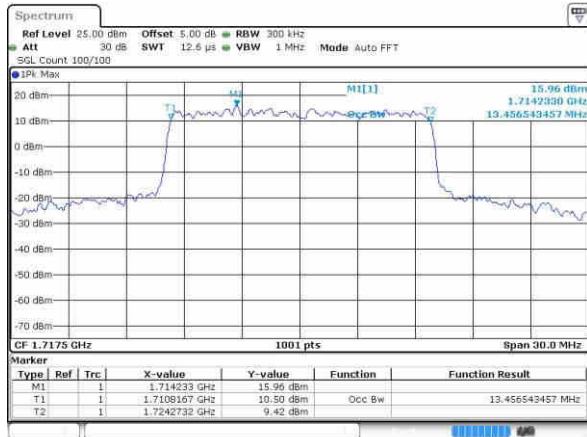
Highest Channel / 10MHz / 16QAM





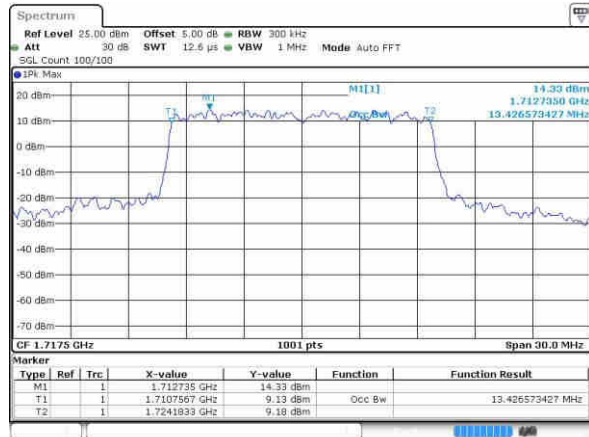
LTE Band 4

Lowest Channel / 15MHz / QPSK



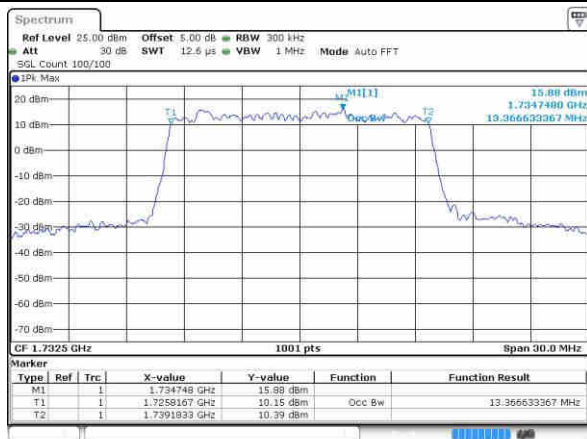
Date: 18 JAN 2017 17:20:17

Lowest Channel / 15MHz / 16QAM



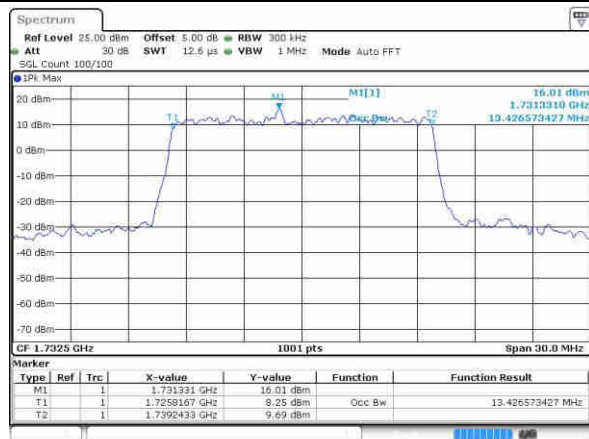
Date: 18 JAN 2017 17:20:27

Middle Channel / 15MHz / QPSK



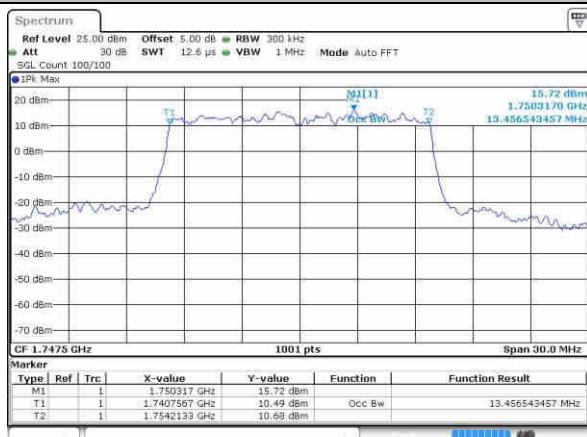
Date: 18 JAN 2017 17:27:20

Middle Channel / 15MHz / 16QAM



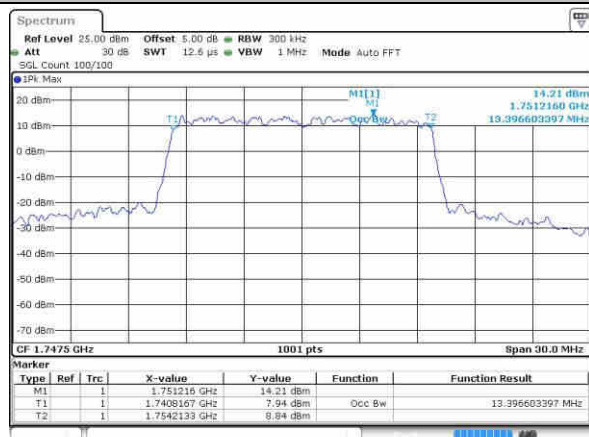
Date: 18 JAN 2017 17:27:30

Highest Channel / 15MHz / QPSK



Date: 18 JAN 2017 17:29:51

Highest Channel / 15MHz / 16QAM

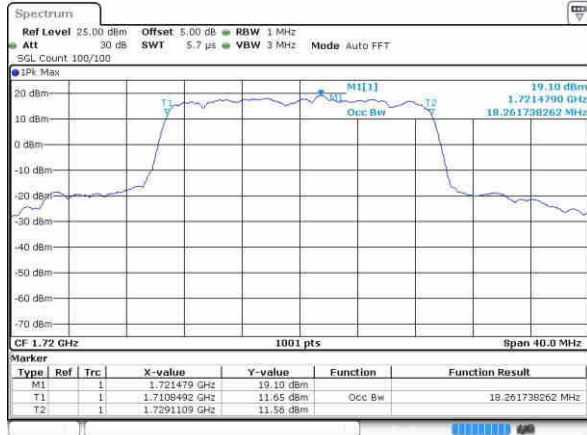


Date: 18 JAN 2017 17:30:02

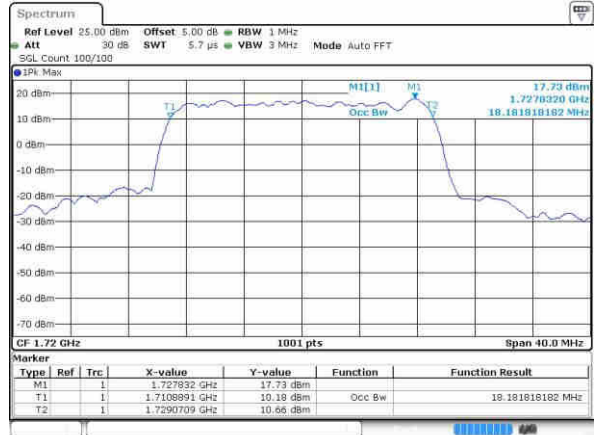


LTE Band 4

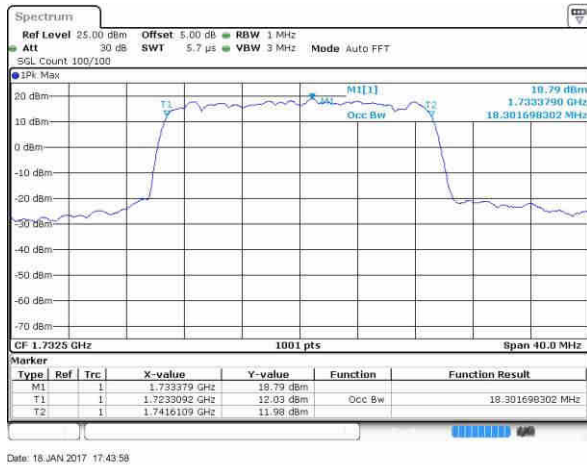
Lowest Channel / 20MHz / QPSK



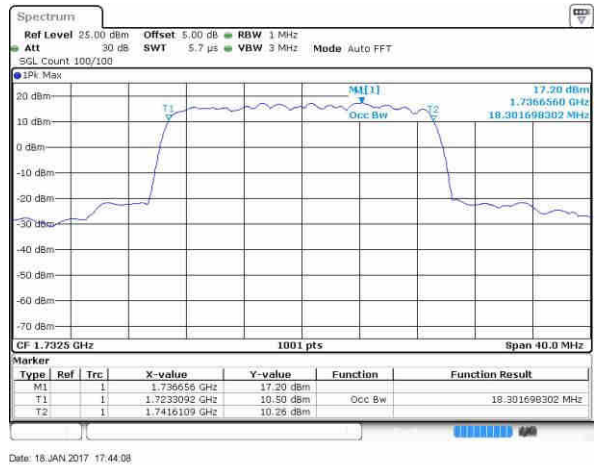
Lowest Channel / 20MHz / 16QAM



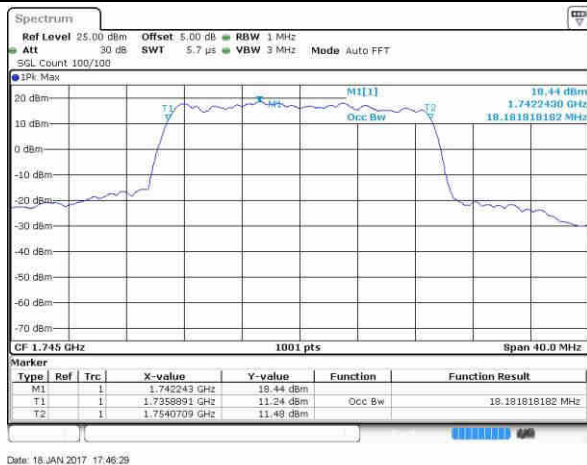
Middle Channel / 20MHz / QPSK



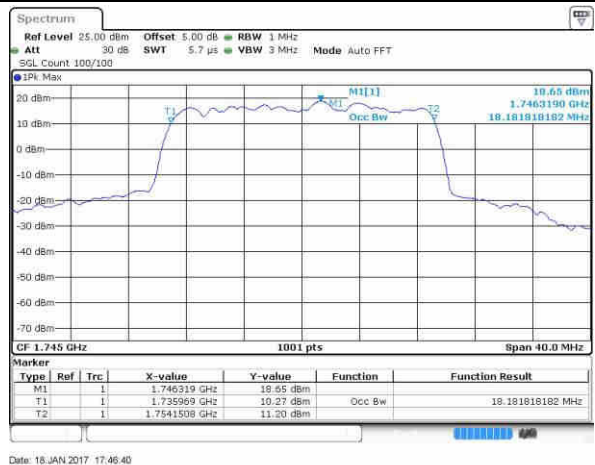
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



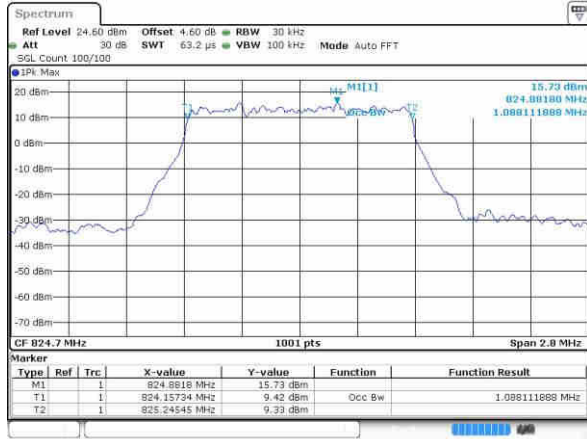
Highest Channel / 20MHz / 16QAM



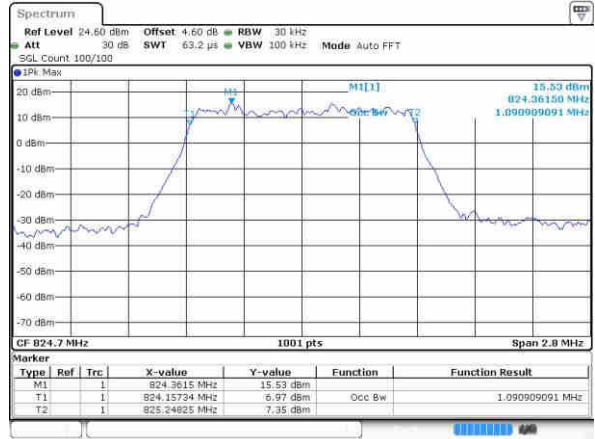


LTE Band 5

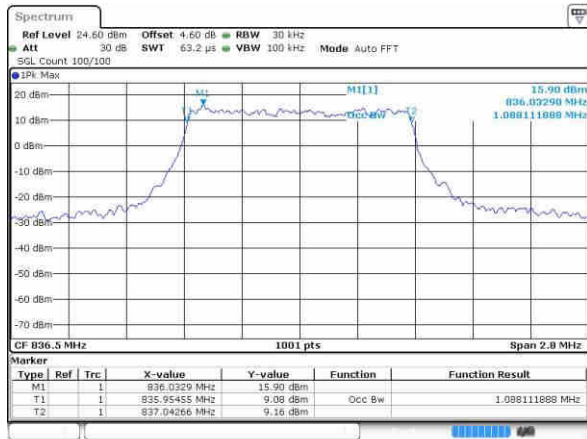
Lowest Channel / 1.4MHz / QPSK



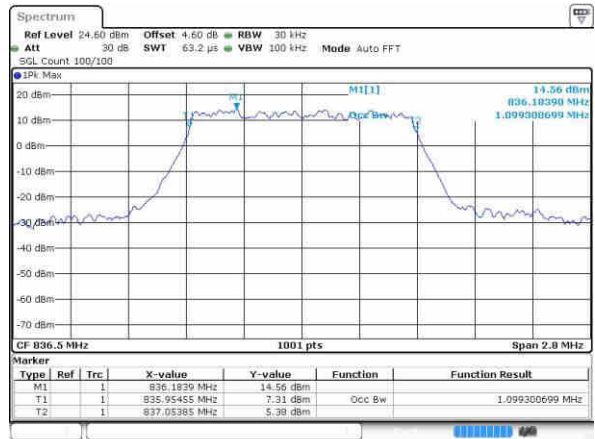
Lowest Channel / 1.4MHz / 16QAM



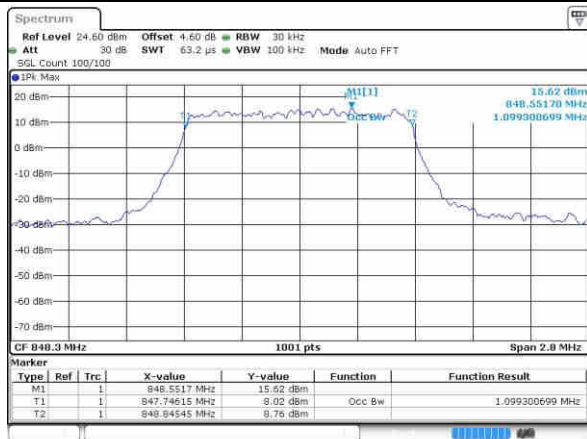
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



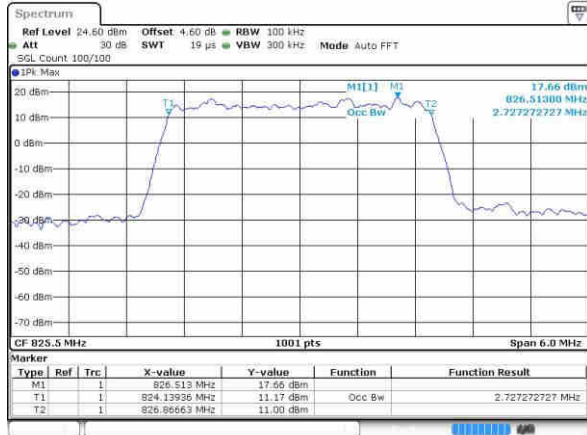
Highest Channel / 1.4MHz / 16QAM



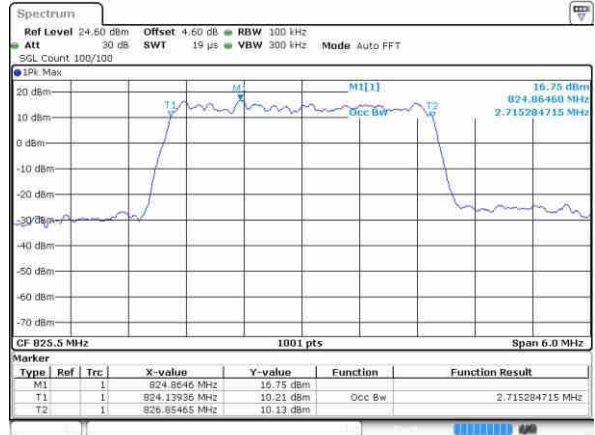


LTE Band 5

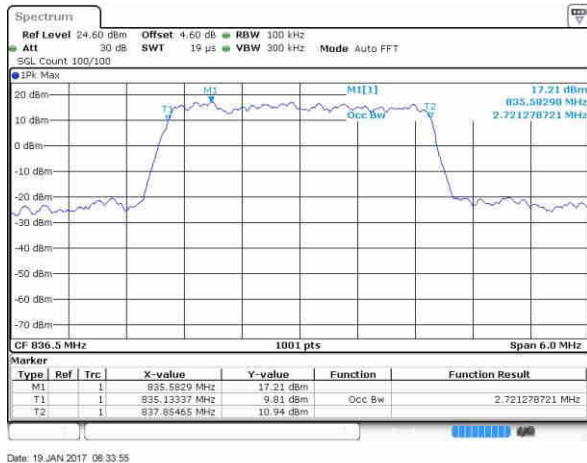
Lowest Channel / 3MHz / QPSK



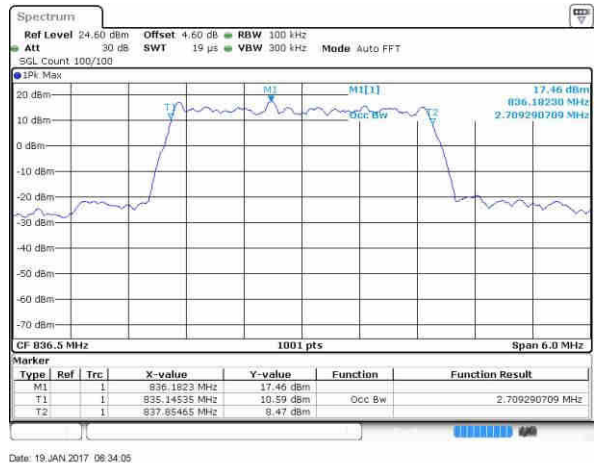
Lowest Channel / 3MHz / 16QAM



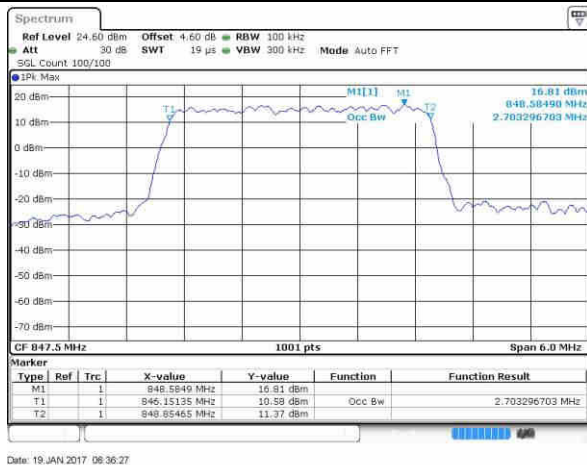
Middle Channel / 3MHz / QPSK



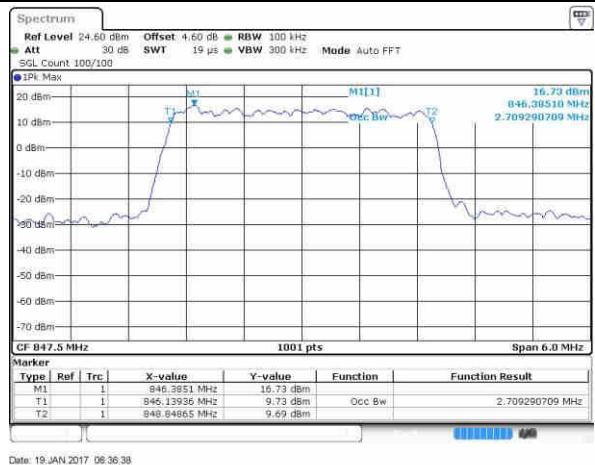
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



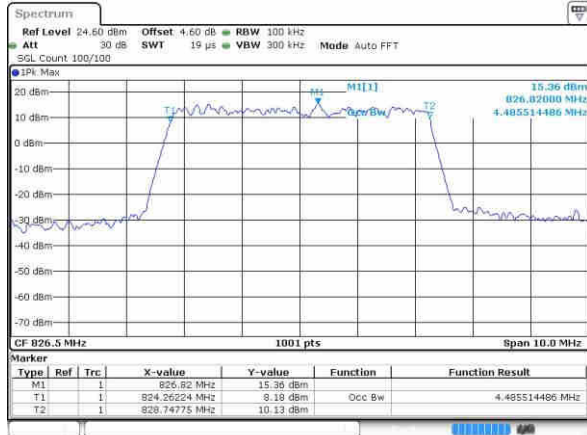
Highest Channel / 3MHz / 16QAM



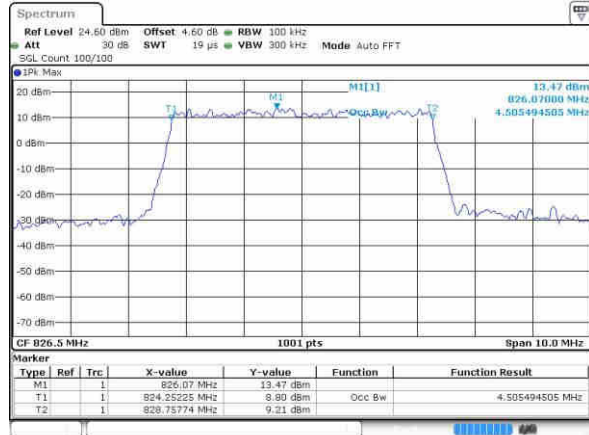


LTE Band 5

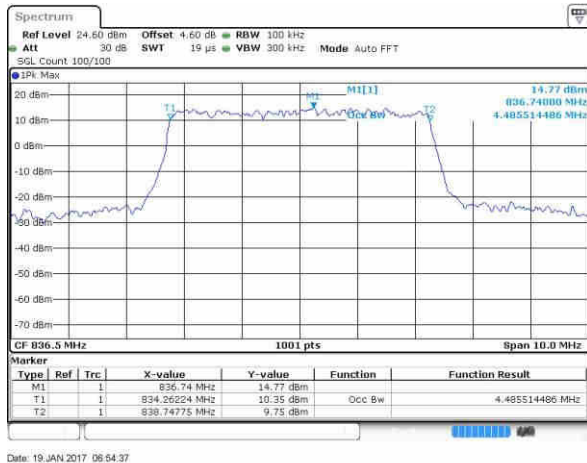
Lowest Channel / 5MHz / QPSK



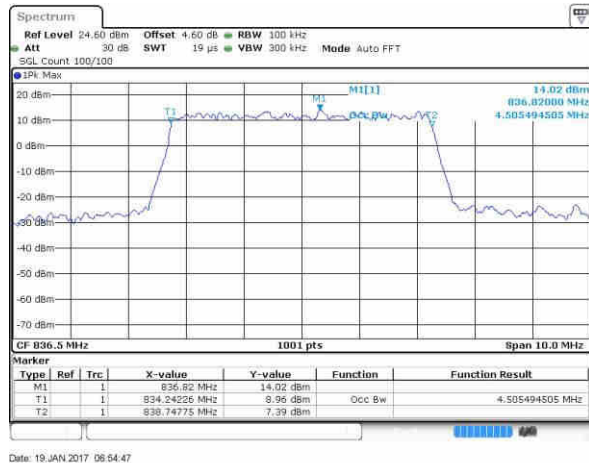
Lowest Channel / 5MHz / 16QAM



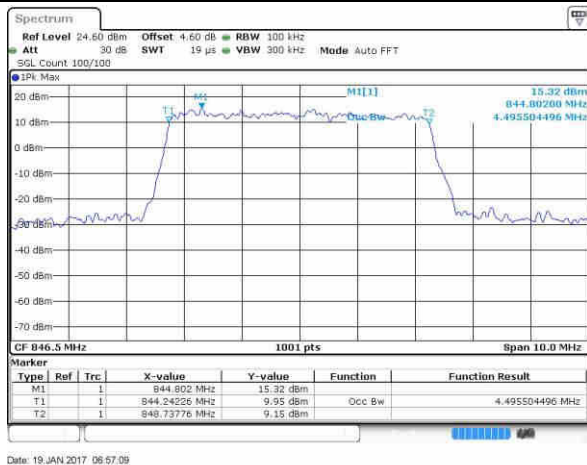
Middle Channel / 5MHz / QPSK



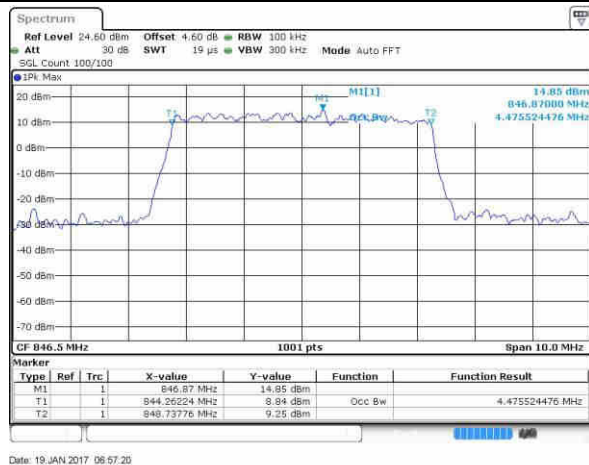
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



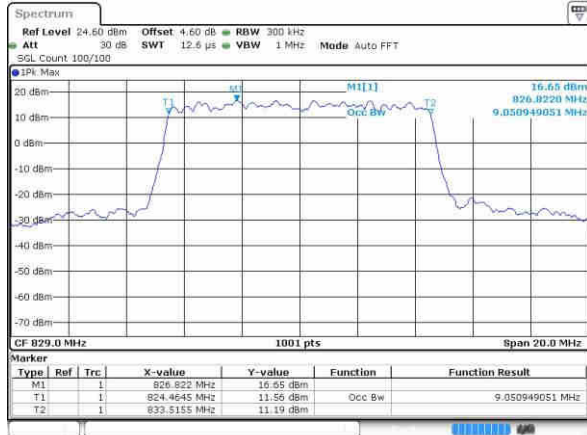
Highest Channel / 5MHz / 16QAM



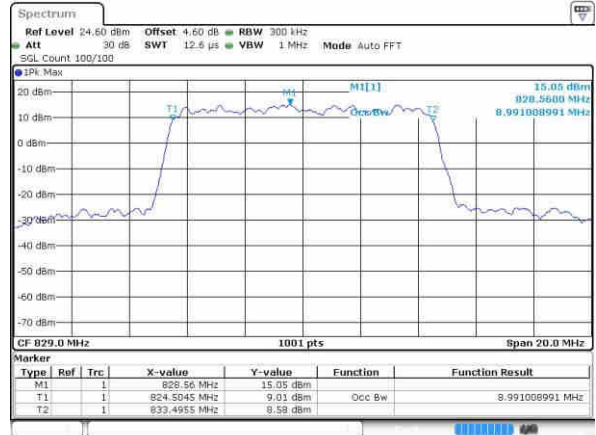


LTE Band 5

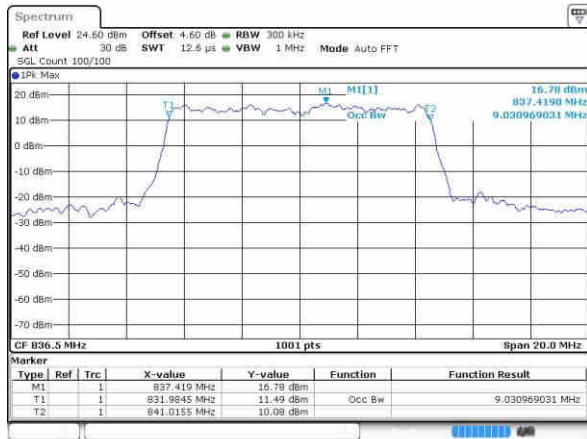
Lowest Channel / 10MHz / QPSK



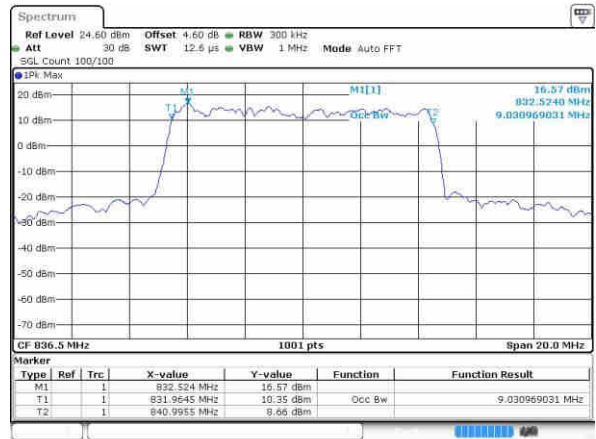
Lowest Channel / 10MHz / 16QAM



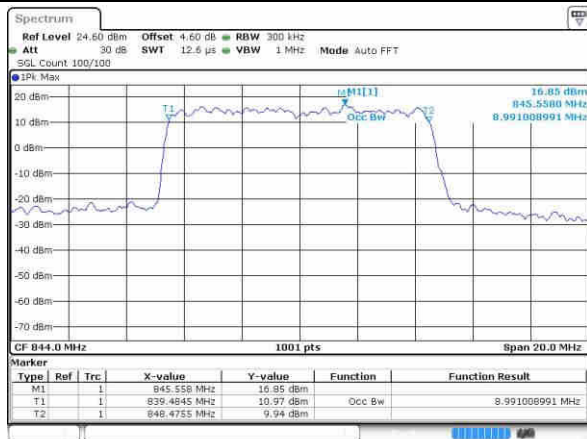
Middle Channel / 10MHz / QPSK



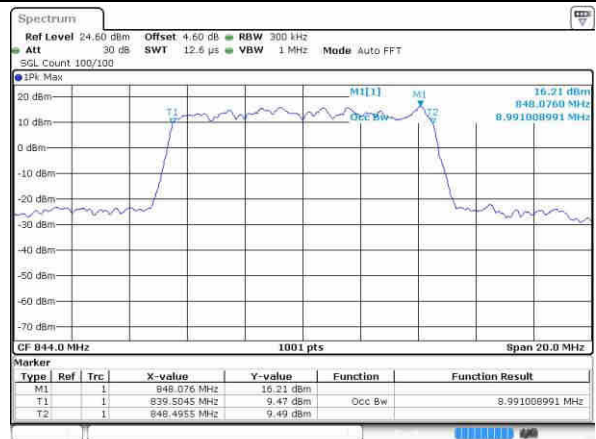
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



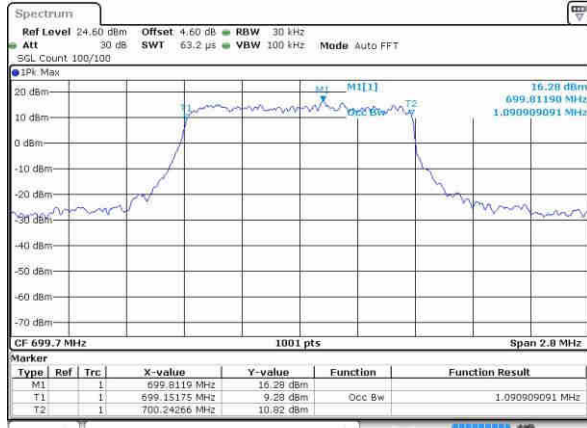
Highest Channel / 10MHz / 16QAM



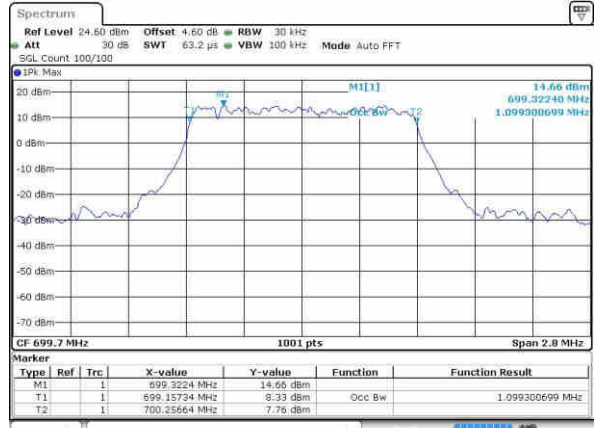


LTE Band 12

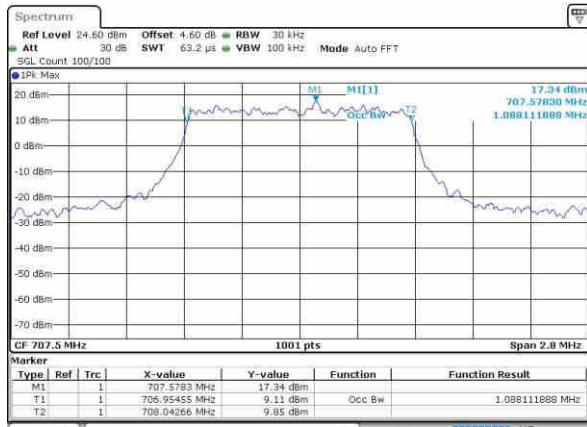
Lowest Channel / 1.4MHz / QPSK



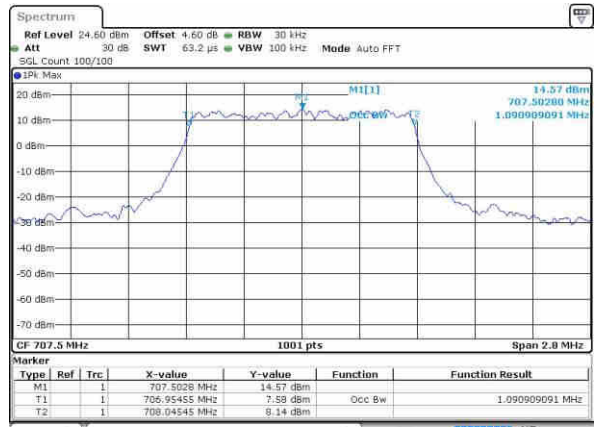
Lowest Channel / 1.4MHz / 16QAM



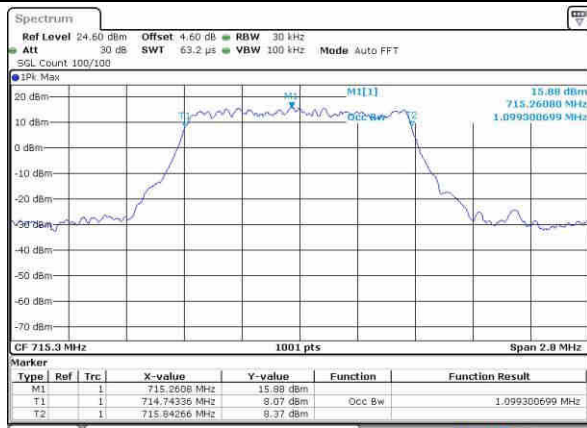
Middle Channel / 1.4MHz / QPSK



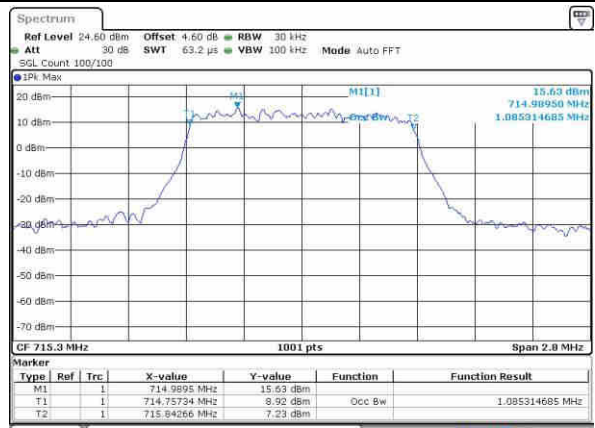
Middle Channel / 1.4MHz / 16QAM

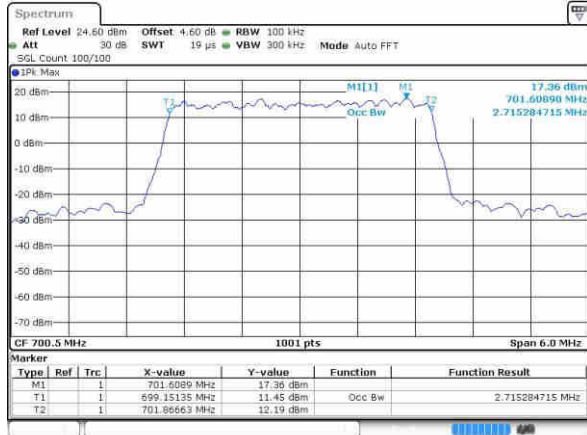


Highest Channel / 1.4MHz / QPSK

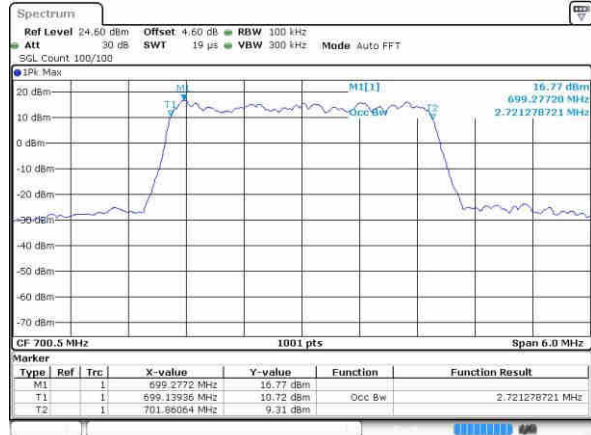


Highest Channel / 1.4MHz / 16QAM

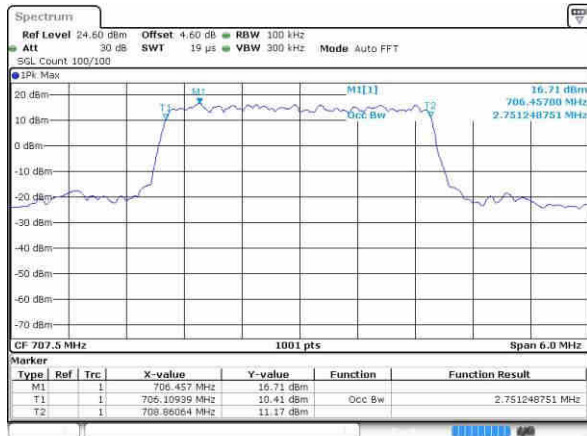


**LTE Band 12****Lowest Channel / 3MHz / QPSK**

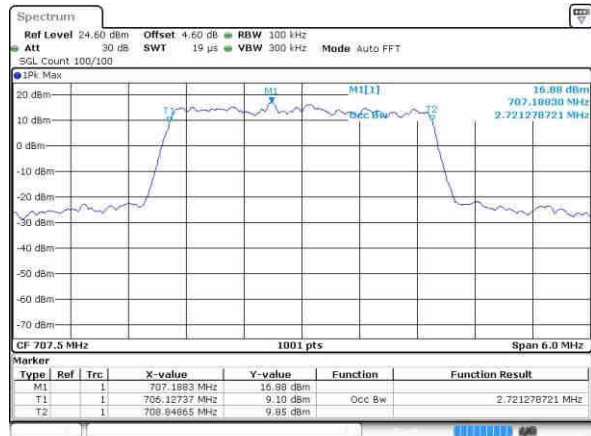
Date: 19 JAN 2017 11:01:29

Lowest Channel / 3MHz / 16QAM

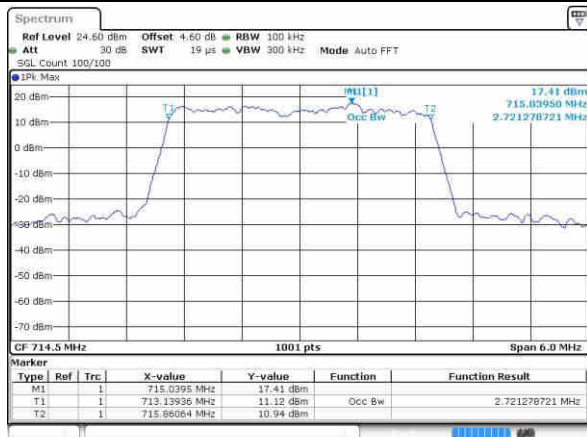
Date: 19 JAN 2017 11:01:40

Middle Channel / 3MHz / QPSK

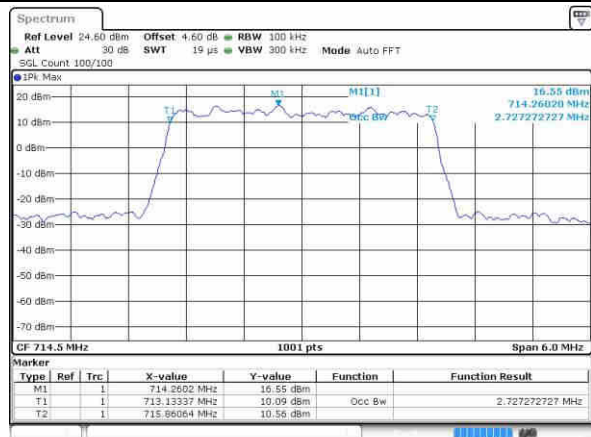
Date: 19 JAN 2017 11:02:00

Middle Channel / 3MHz / 16QAM

Date: 19 JAN 2017 11:01:50

Highest Channel / 3MHz / QPSK

Date: 19 JAN 2017 11:02:11

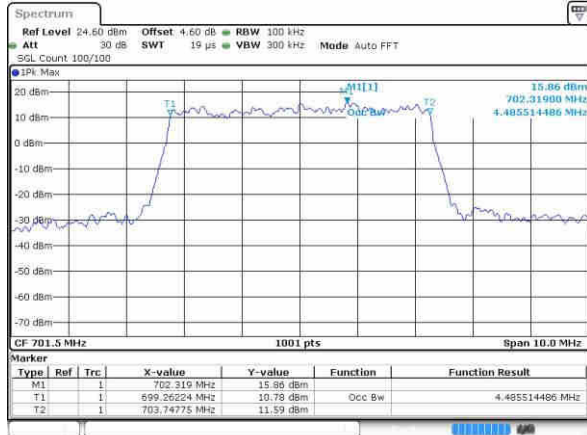
Highest Channel / 3MHz / 16QAM

Date: 19 JAN 2017 11:02:21

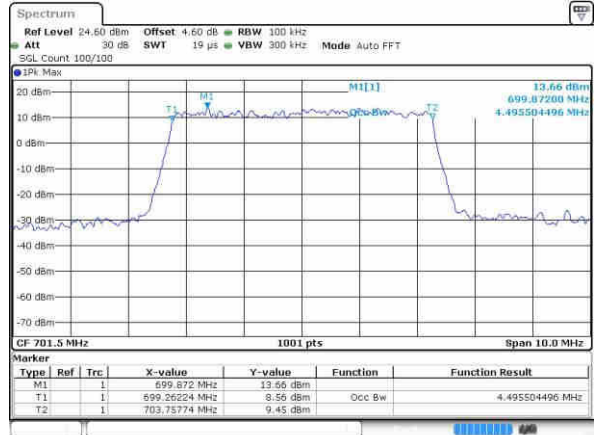


LTE Band 12

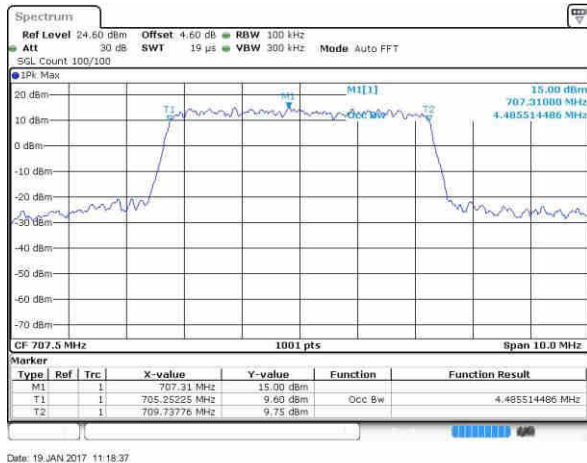
Lowest Channel / 5MHz / QPSK



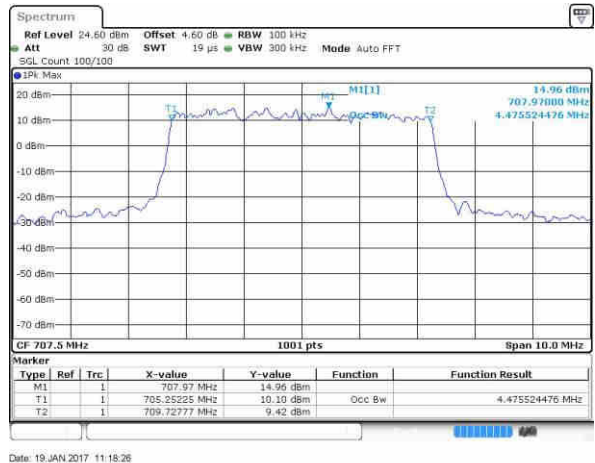
Lowest Channel / 5MHz / 16QAM



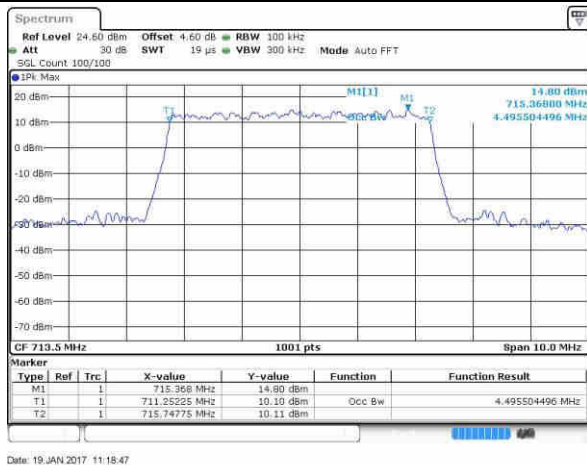
Middle Channel / 5MHz / QPSK



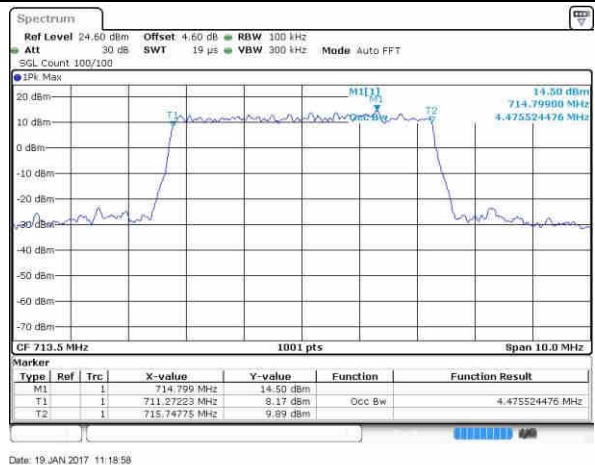
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



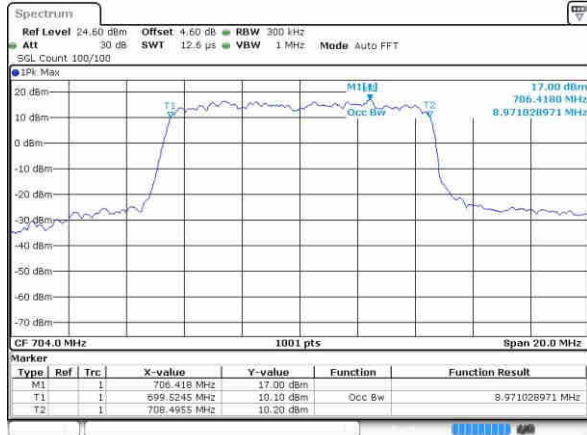
Highest Channel / 5MHz / 16QAM



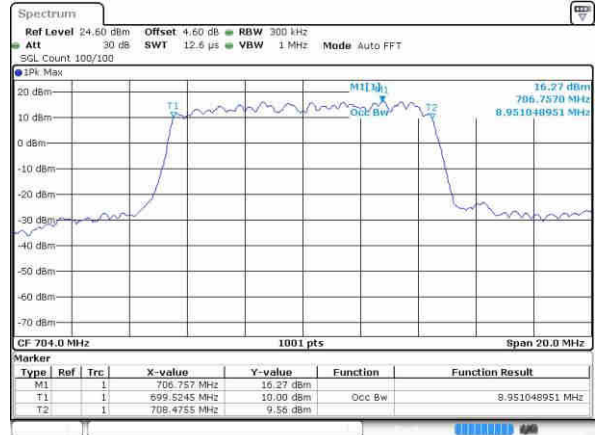


LTE Band 12

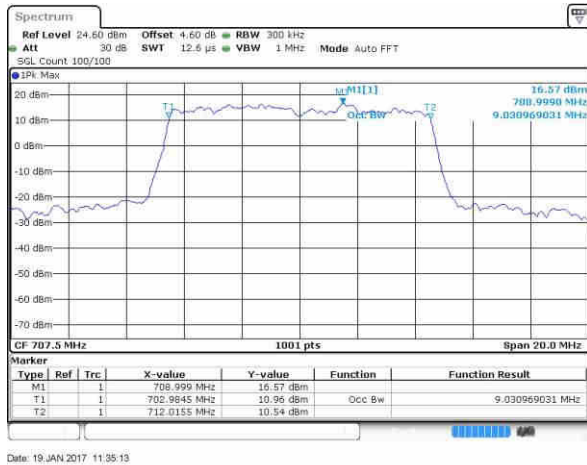
Lowest Channel / 10MHz / QPSK



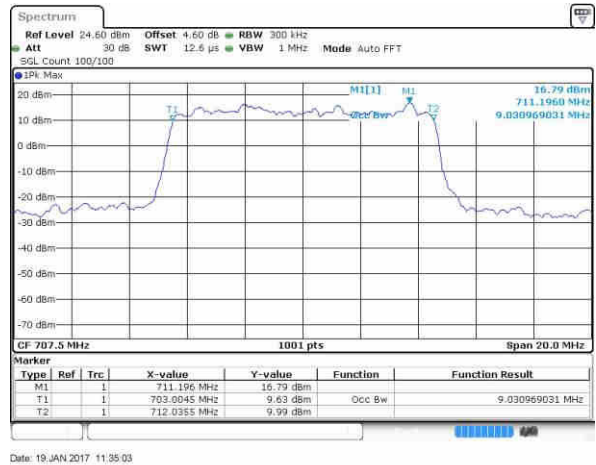
Lowest Channel / 10MHz / 16QAM



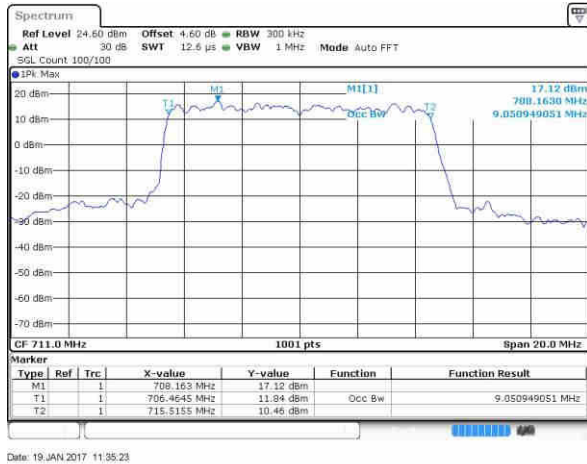
Middle Channel / 10MHz / QPSK



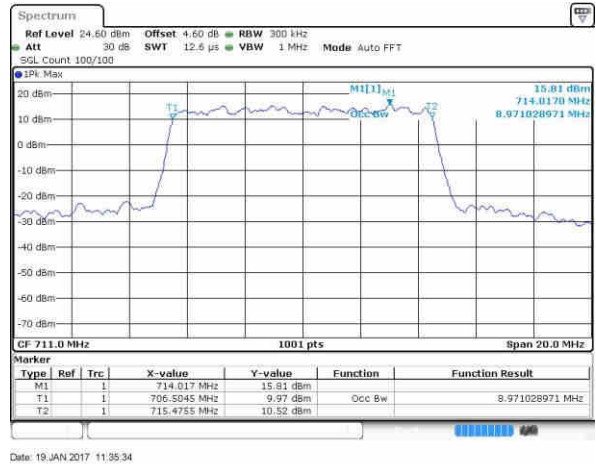
Middle Channel / 10MHz / 16QAM

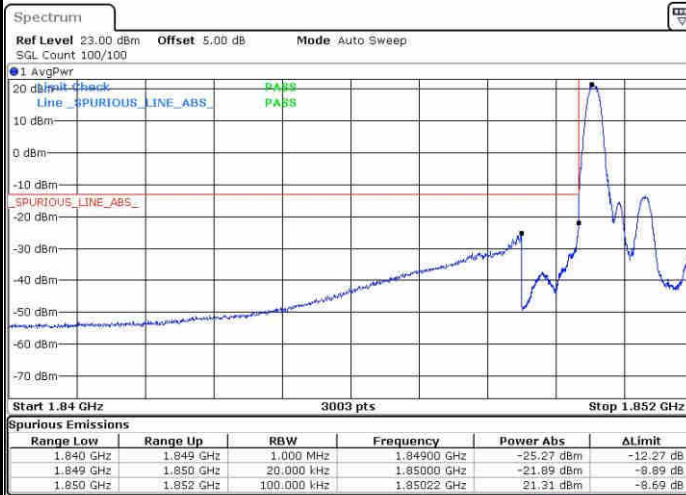
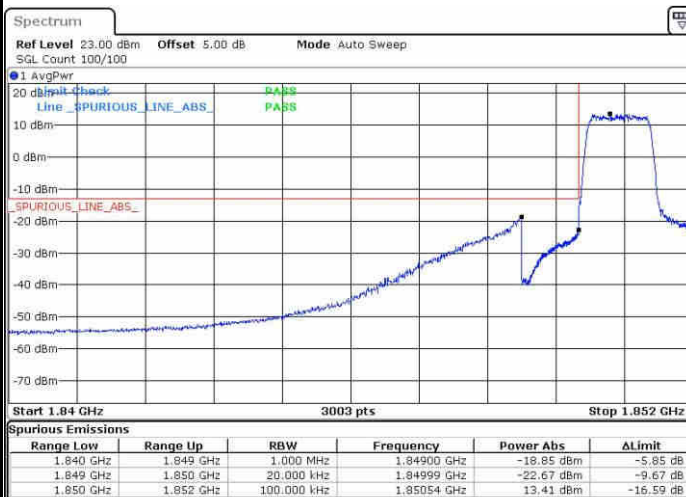
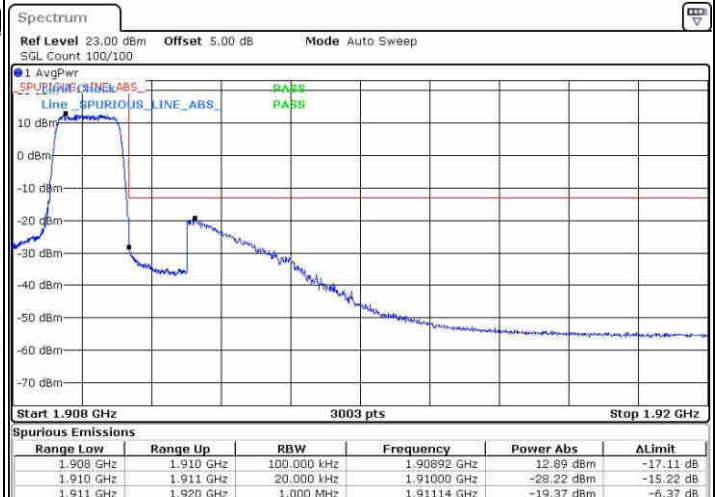


Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

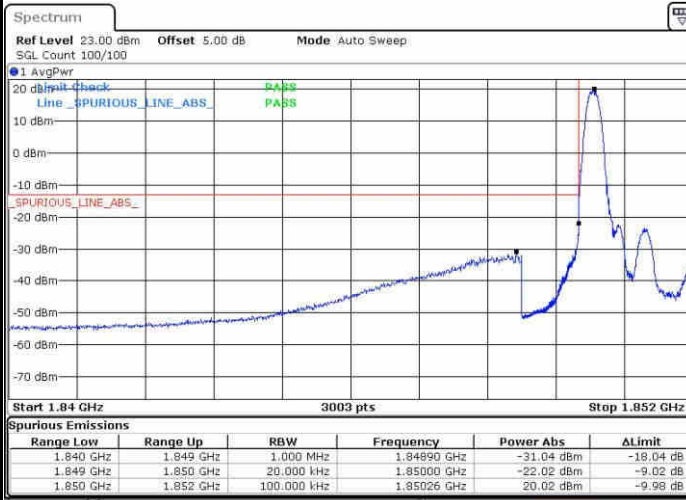


**Conducted Band Edge****LTE Band 2 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 2 / 1.4MHz / 16QAM

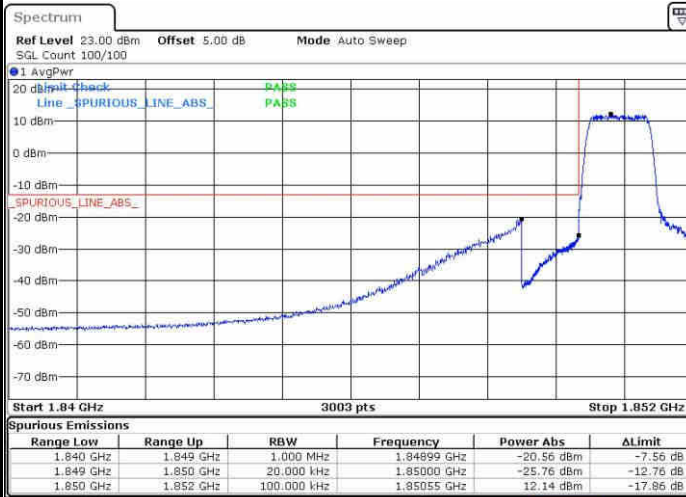
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



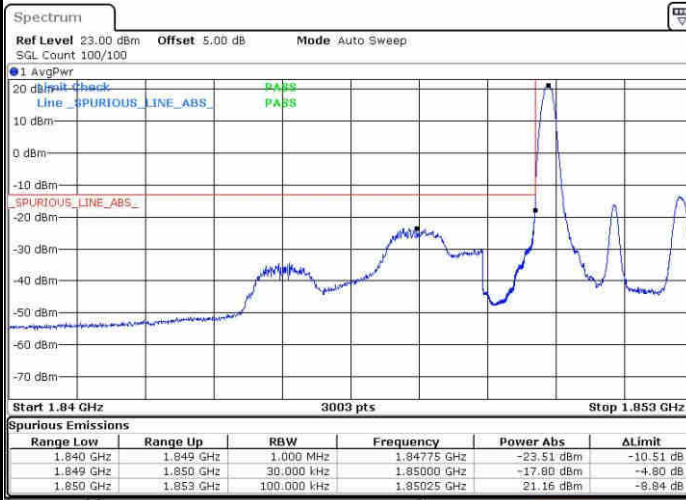
Highest Band Edge / Full RB



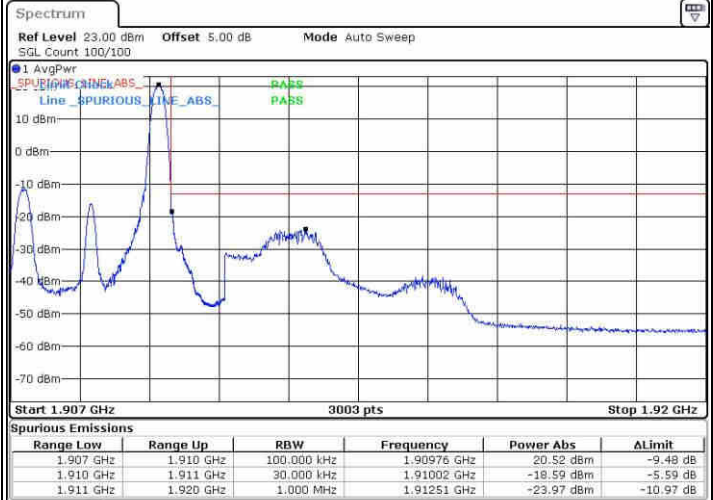


LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



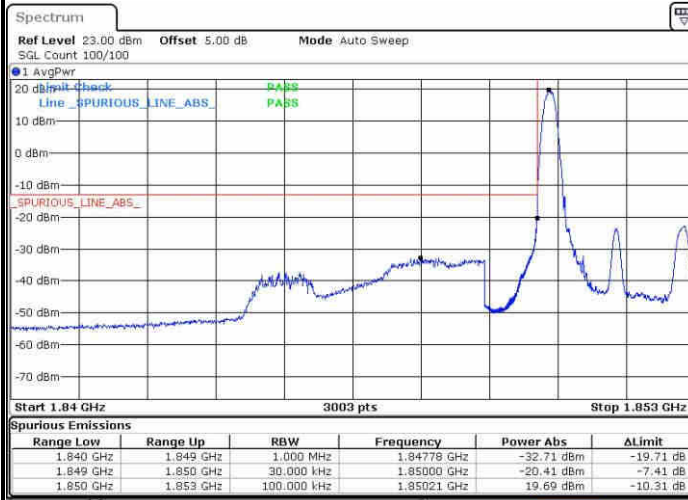
Highest Band Edge / Full RB



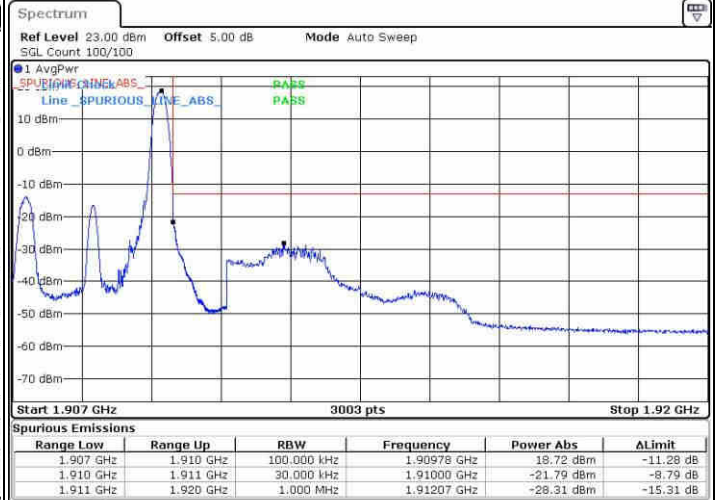


LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



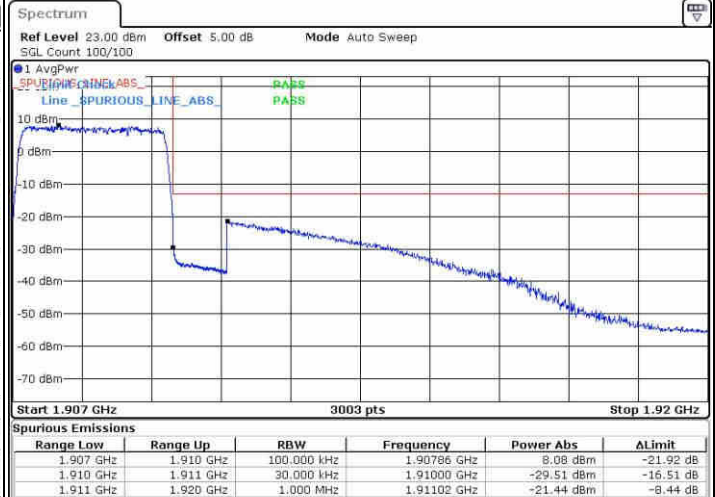
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



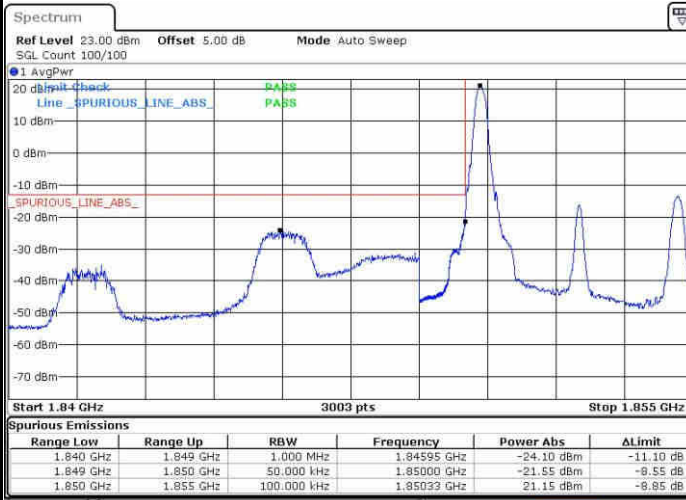
Highest Band Edge / Full RB



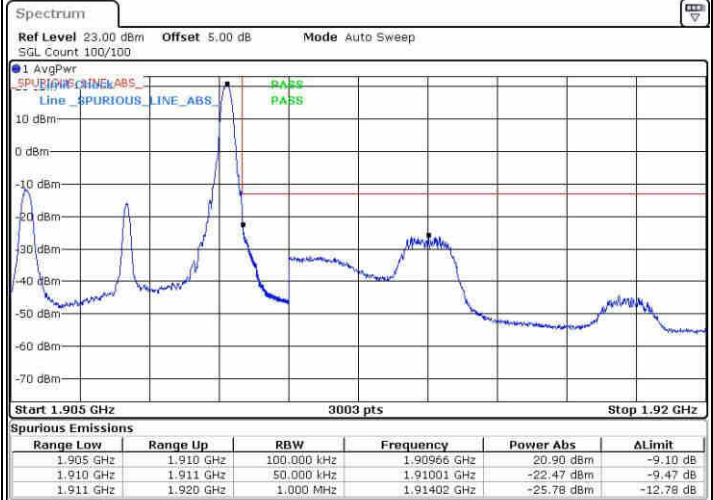


LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

