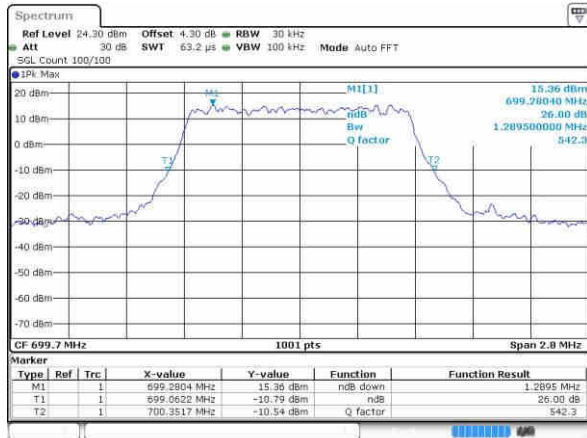


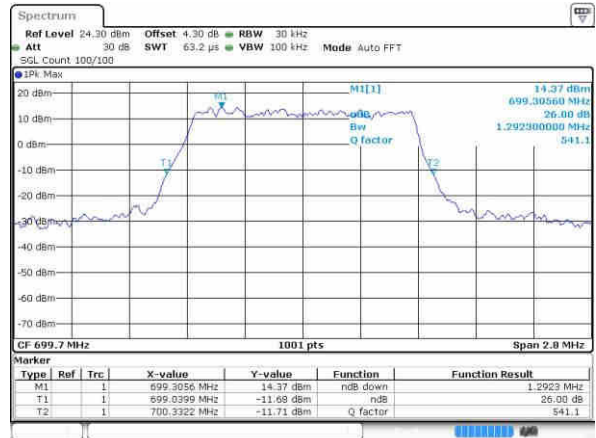


LTE Band 12

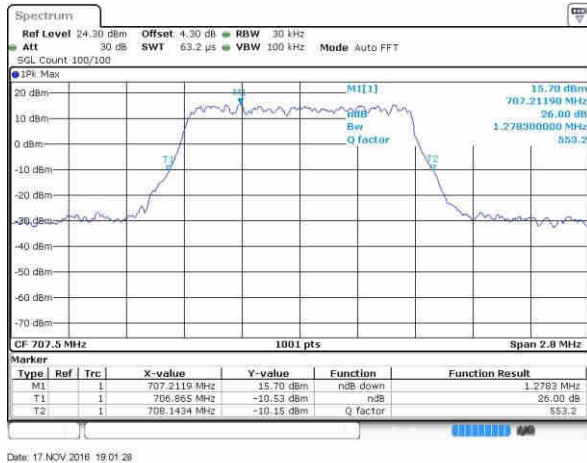
Lowest Channel / 1.4MHz / QPSK



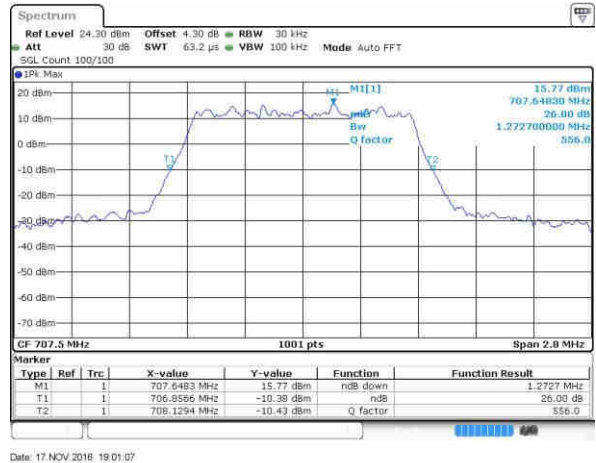
Lowest Channel / 1.4MHz / 16QAM



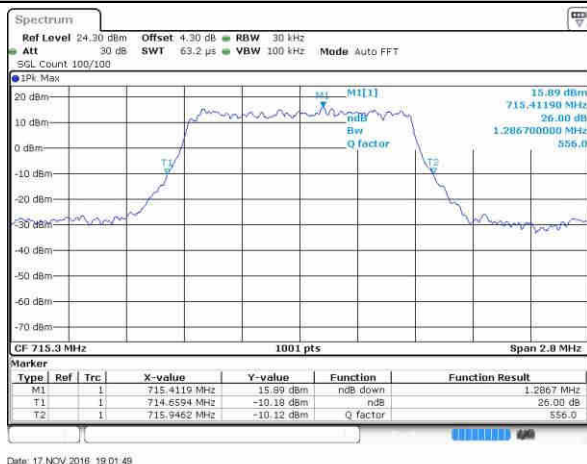
Middle Channel / 1.4MHz / QPSK



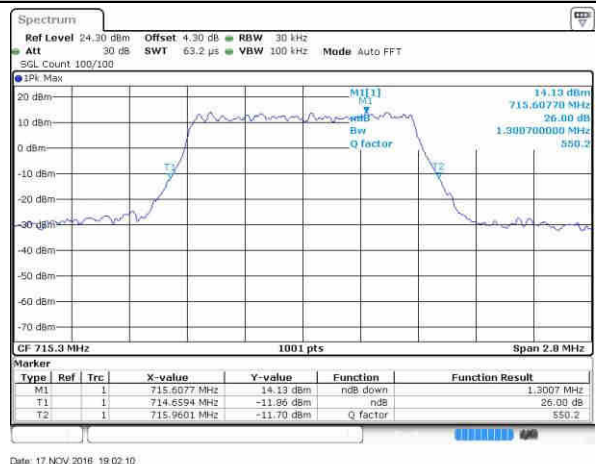
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



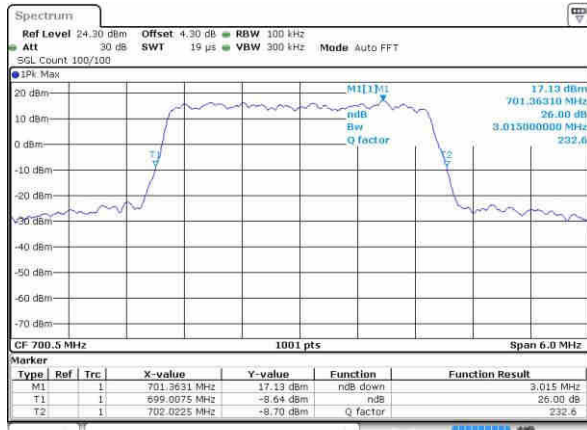
Highest Channel / 1.4MHz / 16QAM



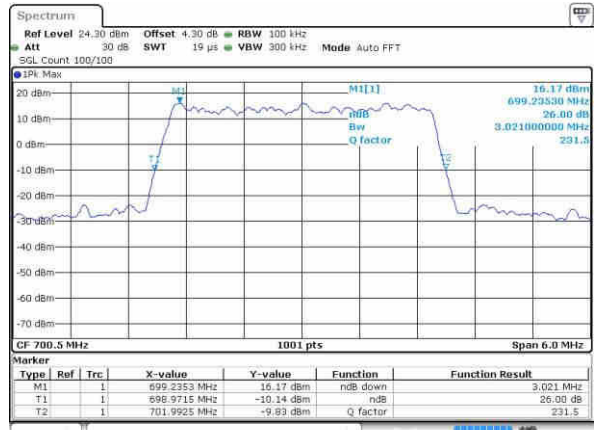


LTE Band 12

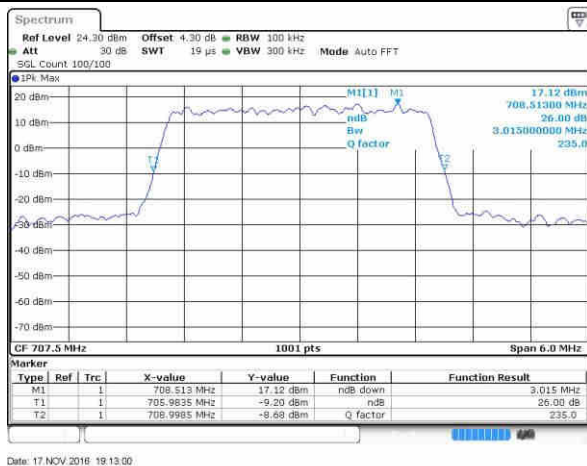
Lowest Channel / 3MHz / QPSK



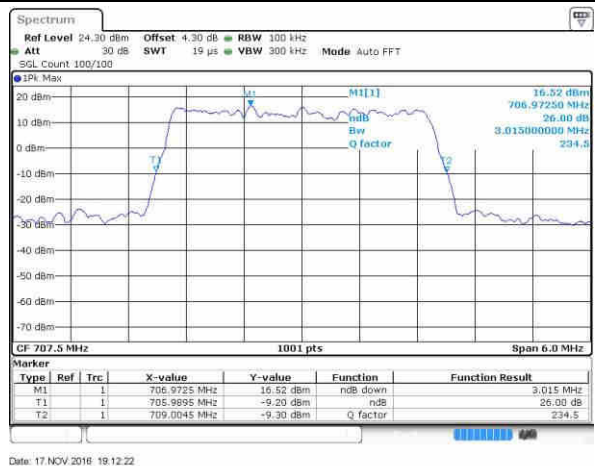
Lowest Channel / 3MHz / 16QAM



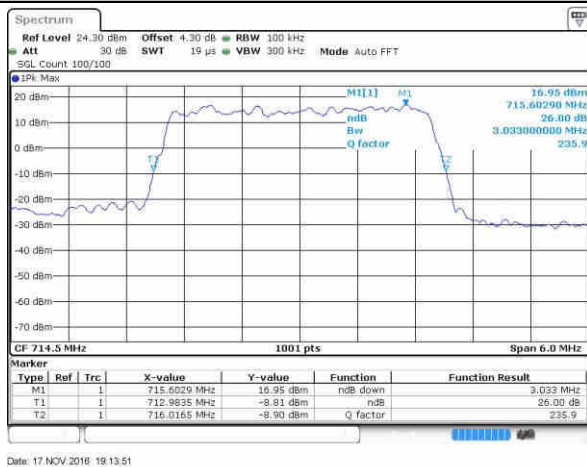
Middle Channel / 3MHz / QPSK



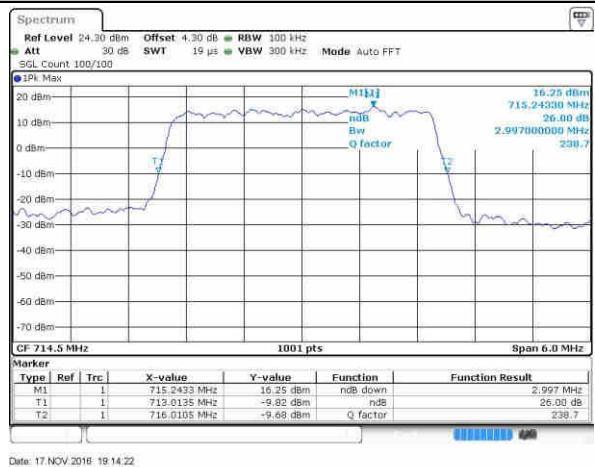
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



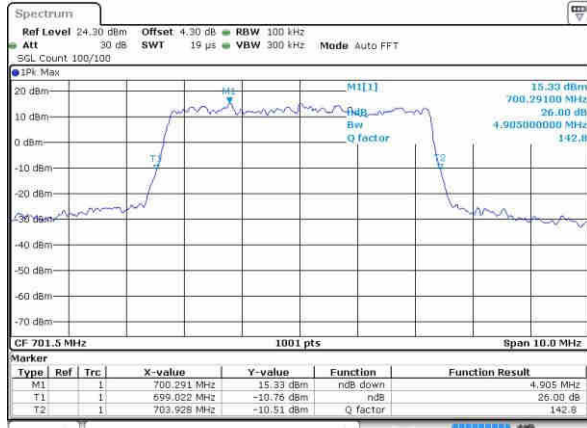
Highest Channel / 3MHz / 16QAM





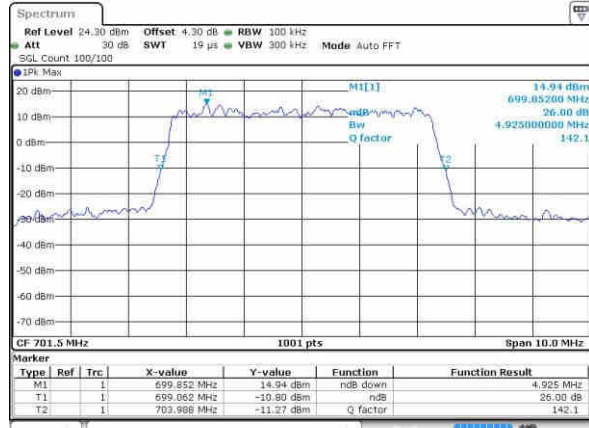
LTE Band 12

Lowest Channel / 5MHz / QPSK



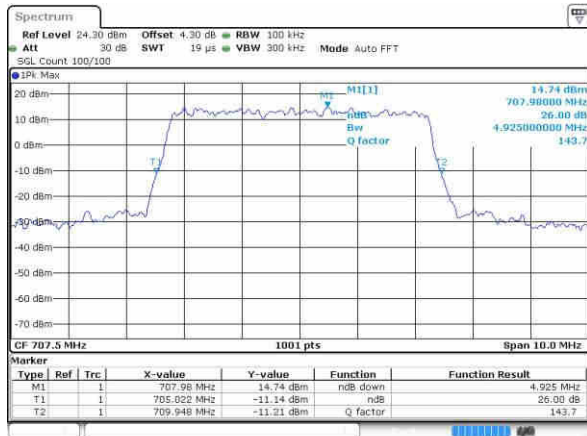
Date: 17 NOV 2016 19:33:25

Lowest Channel / 5MHz / 16QAM



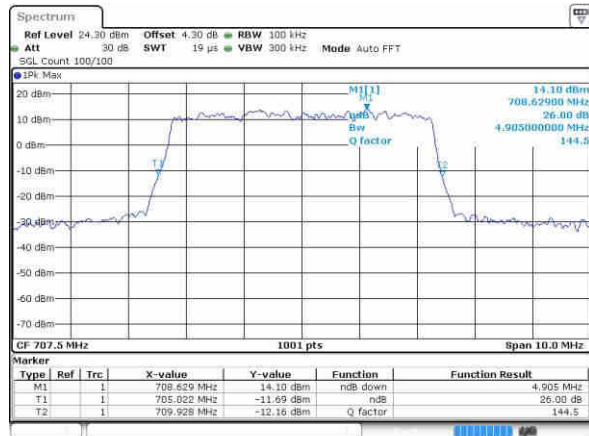
Date: 17 NOV 2016 19:33:54

Middle Channel / 5MHz / QPSK



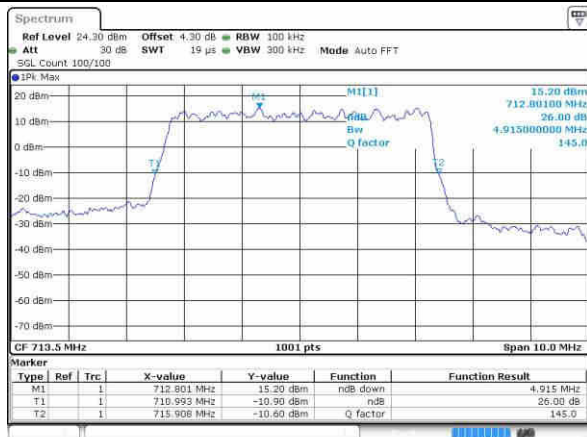
Date: 17 NOV 2016 19:35:03

Middle Channel / 5MHz / 16QAM



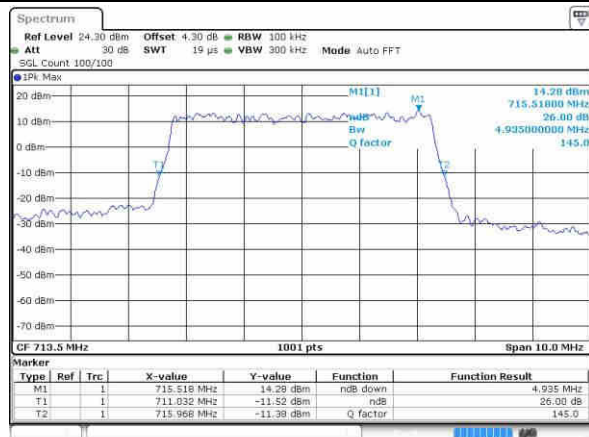
Date: 17 NOV 2016 19:34:26

Highest Channel / 5MHz / QPSK



Date: 17 NOV 2016 19:37:01

Highest Channel / 5MHz / 16QAM

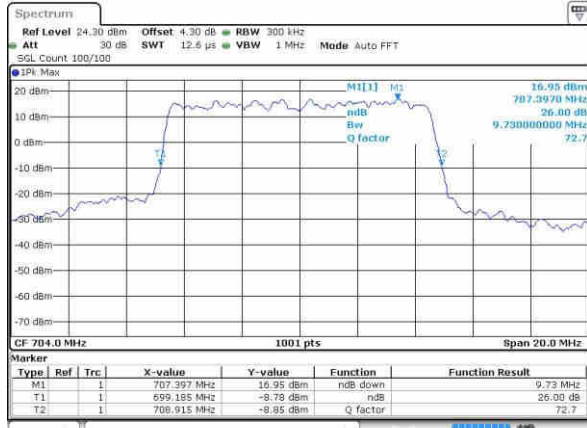


Date: 17 NOV 2016 19:37:31

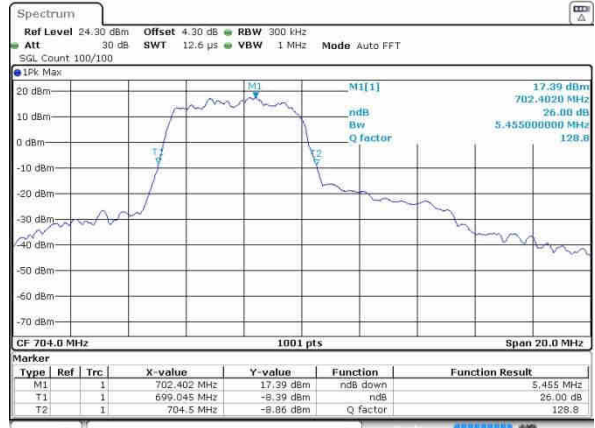


LTE Band 12

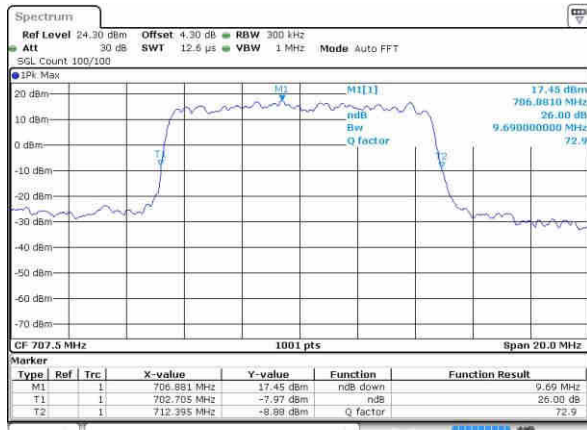
Lowest Channel / 10MHz / QPSK



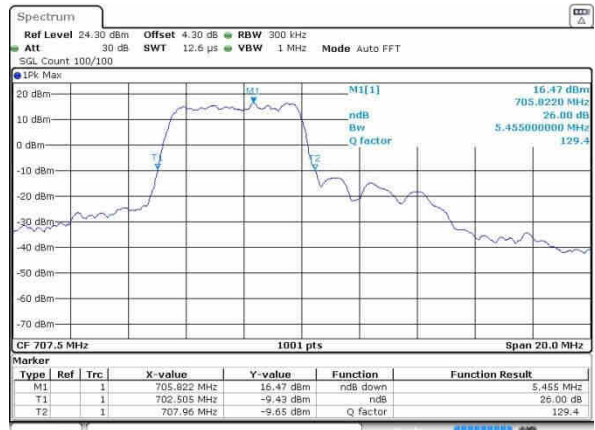
Lowest Channel / 10MHz(Half RB) / 16QAM



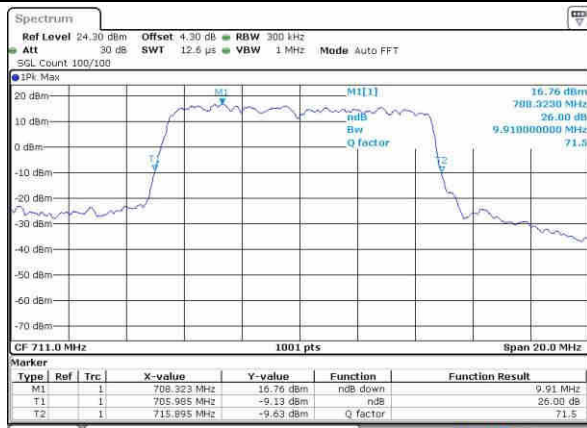
Middle Channel / 10MHz / QPSK



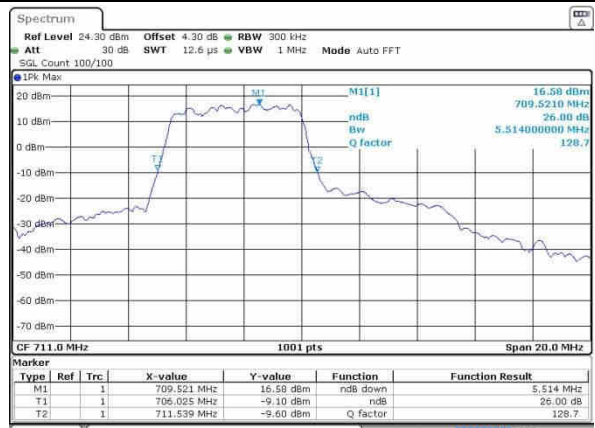
Middle Channel / 10MHz(Half RB) / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz(Half RB) / 16QAM



**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	1.09	2.71	2.7	4.49	4.5	9.07	4.635	13.46	13.43	18.3	18.14
Middle CH	1.09	1.1	2.74	2.72	4.49	4.51	9.01	4.635	13.4	13.37	18.3	18.34
Highest CH	1.1	1.09	2.72	2.7	4.52	4.53	9.05	4.635	13.4	13.37	18.3	18.18

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	2.72	2.73	4.48	4.48	9.03	4.695	13.34	13.37	18.22	18.38
Middle CH	1.09	1.09	2.72	2.7	4.48	4.52	8.99	4.695	13.46	13.37	18.22	18.38
Highest CH	1.09	1.09	2.72	2.72	4.5	4.5	9.03	4.635	13.46	13.46	18.14	18.22

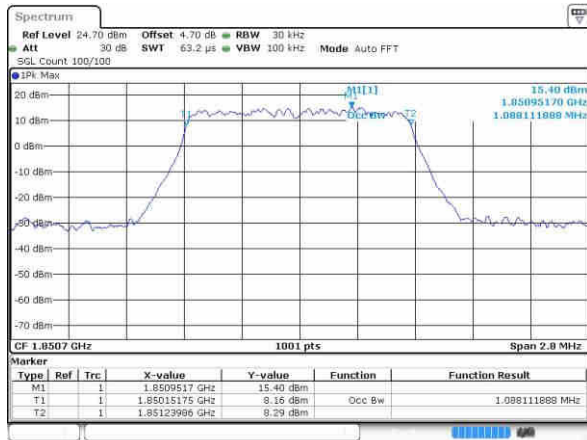
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.72	2.72	4.47	4.49	8.99	4.655	-	-	-	-
Middle CH	1.1	1.09	2.74	2.72	4.49	4.5	9.03	4.635	-	-	-	-
Highest CH	1.1	1.09	2.72	2.72	4.5	4.5	9.03	4.695	-	-	-	-

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	1.09	2.72	2.72	4.49	4.5	9.07	4.595	-	-	-	-
Middle CH	1.09	1.1	2.72	2.72	4.5	4.48	8.91	4.675	-	-	-	-
Highest CH	1.09	1.1	2.7	2.73	4.52	4.5	9.01	4.635	-	-	-	-



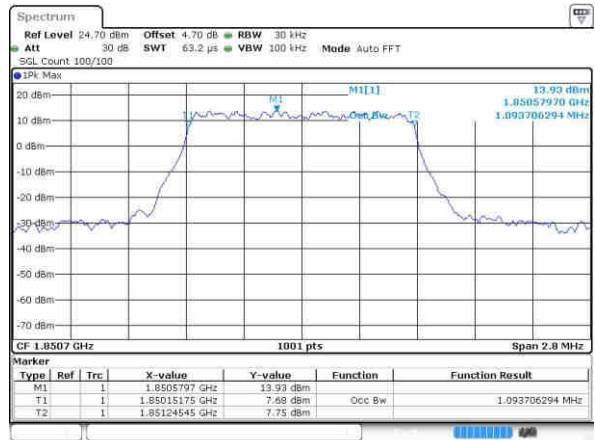
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



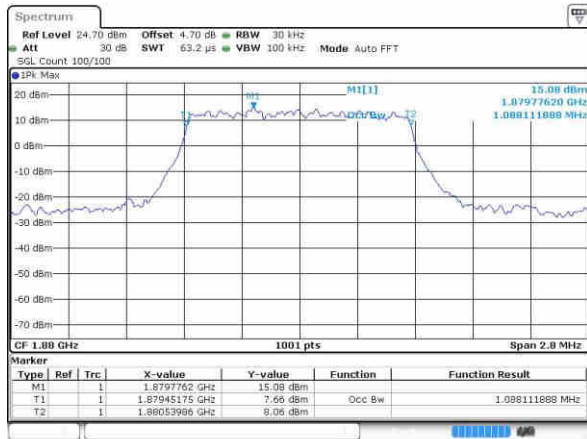
Date: 17 NOV 2016 12:05:27

Lowest Channel / 1.4MHz / 16QAM



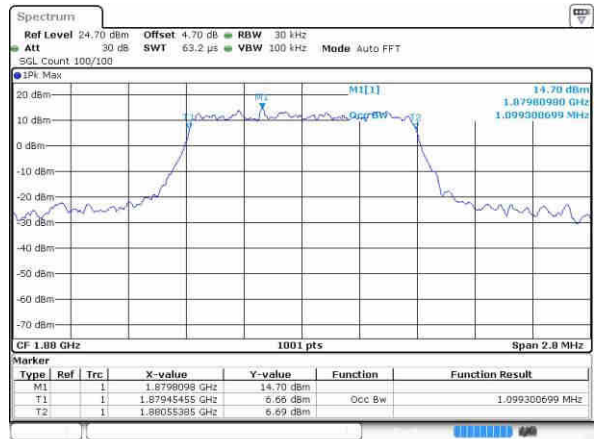
Date: 17 NOV 2016 12:05:37

Middle Channel / 1.4MHz / QPSK



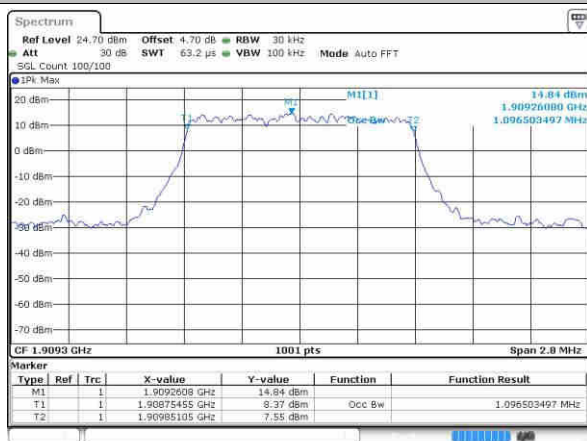
Date: 17 NOV 2016 12:12:31

Middle Channel / 1.4MHz / 16QAM



Date: 17 NOV 2016 12:12:42

Highest Channel / 1.4MHz / QPSK



Date: 17 NOV 2016 12:15:04

Highest Channel / 1.4MHz / 16QAM

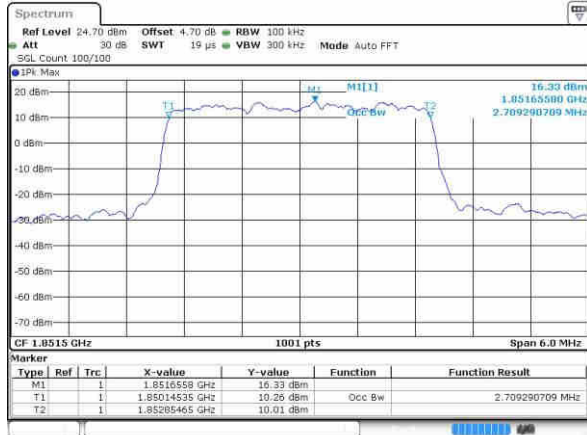


Date: 17 NOV 2016 12:15:15

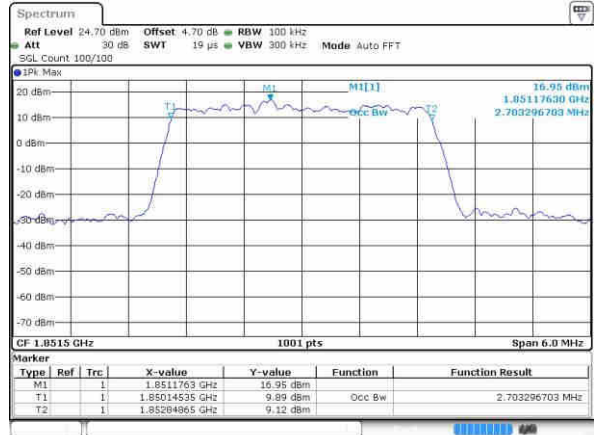


LTE Band 2

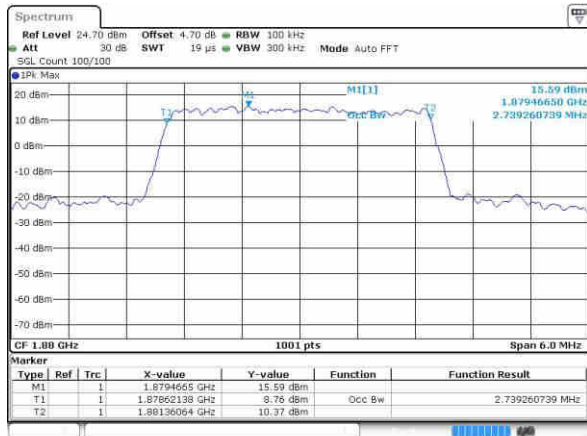
Lowest Channel / 3MHz / QPSK



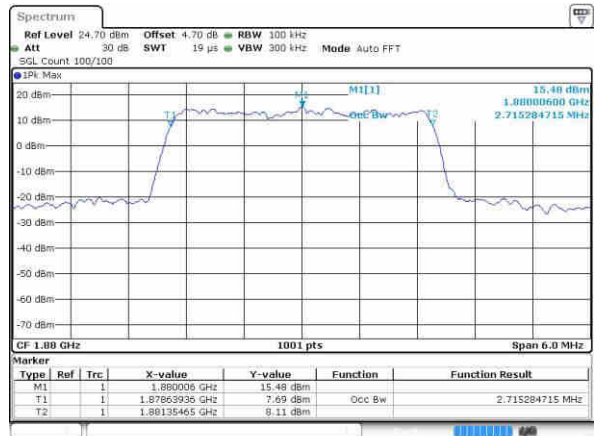
Lowest Channel / 3MHz / 16QAM



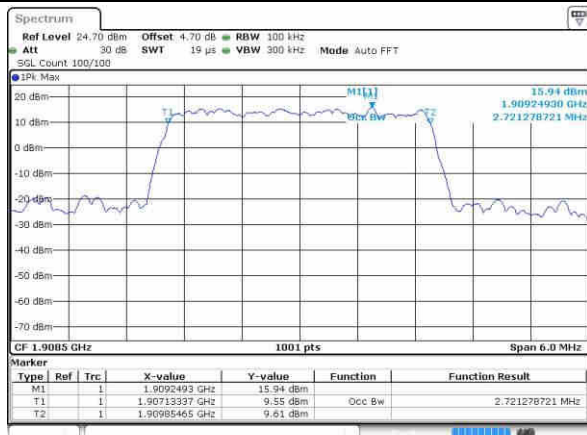
Middle Channel / 3MHz / QPSK



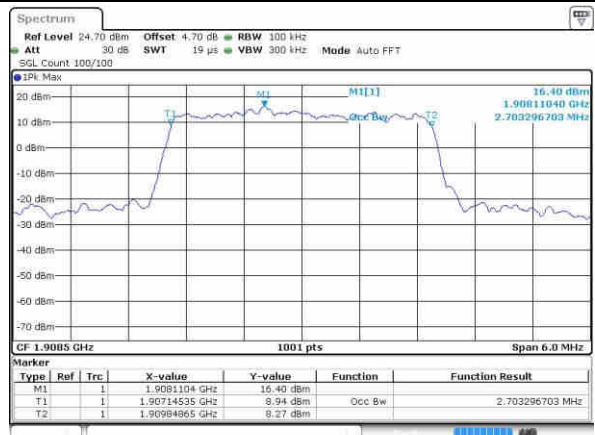
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



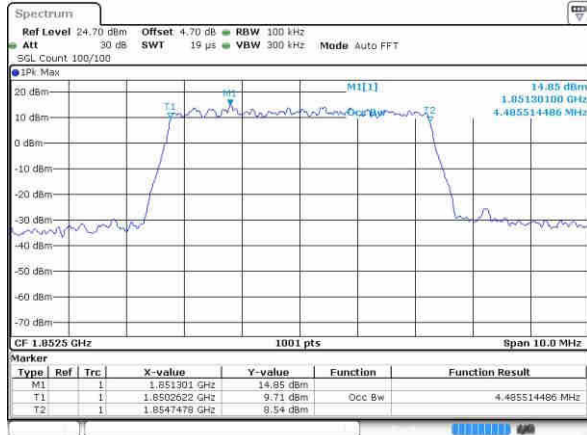
Highest Channel / 3MHz / 16QAM





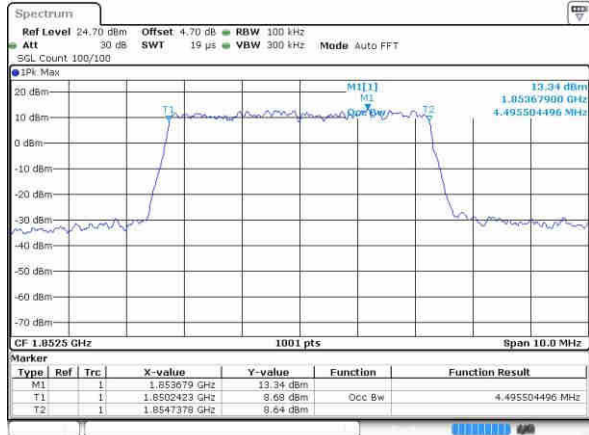
LTE Band 2

Lowest Channel / 5MHz / QPSK



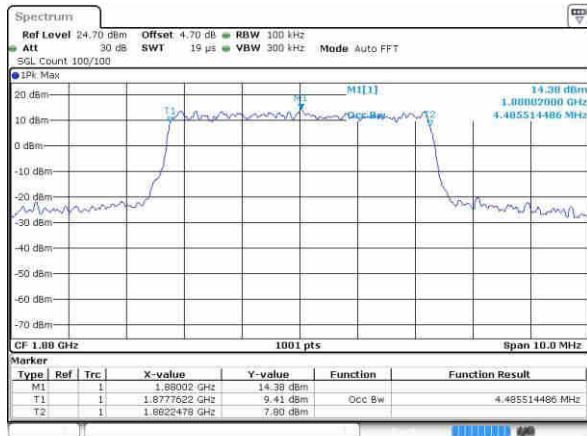
Date: 17 NOV 2016 12:38:51

Lowest Channel / 5MHz / 16QAM



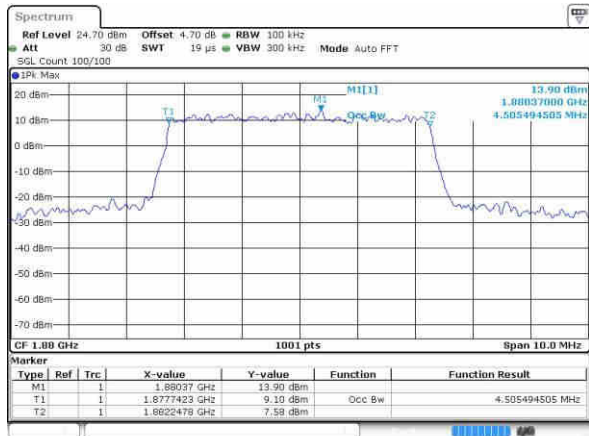
Date: 17 NOV 2016 12:39:02

Middle Channel / 5MHz / QPSK



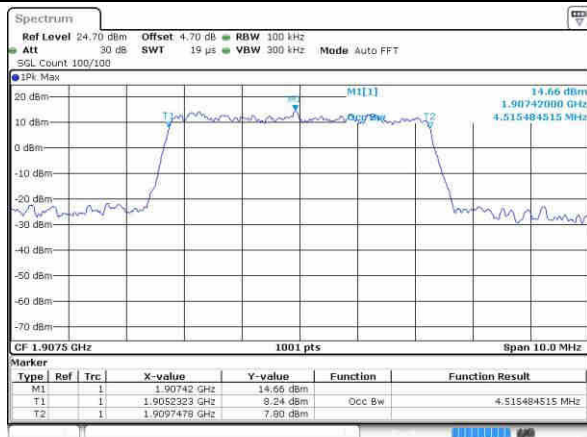
Date: 17 NOV 2016 12:45:58

Middle Channel / 5MHz / 16QAM



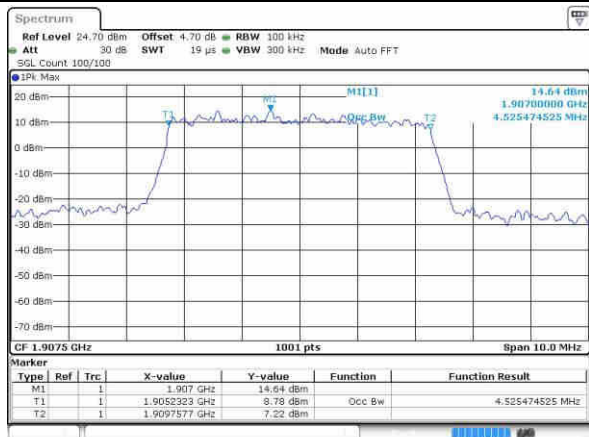
Date: 17 NOV 2016 12:46:07

Highest Channel / 5MHz / QPSK



Date: 17 NOV 2016 12:48:29

Highest Channel / 5MHz / 16QAM

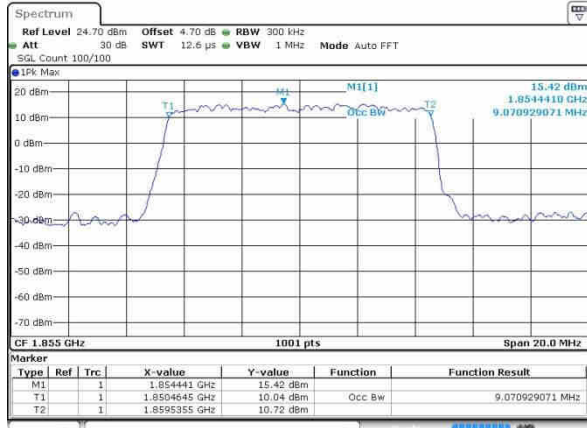


Date: 17 NOV 2016 12:48:39

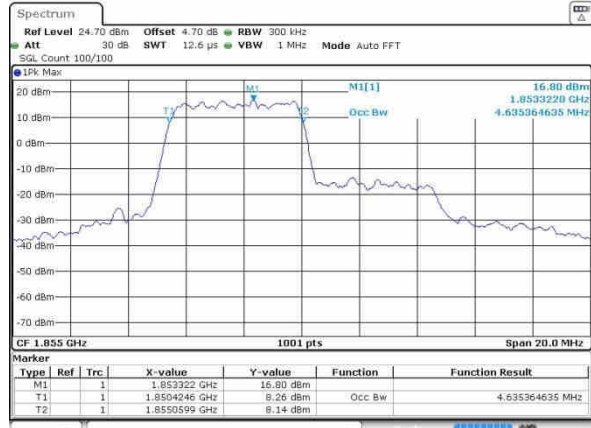


LTE Band 2

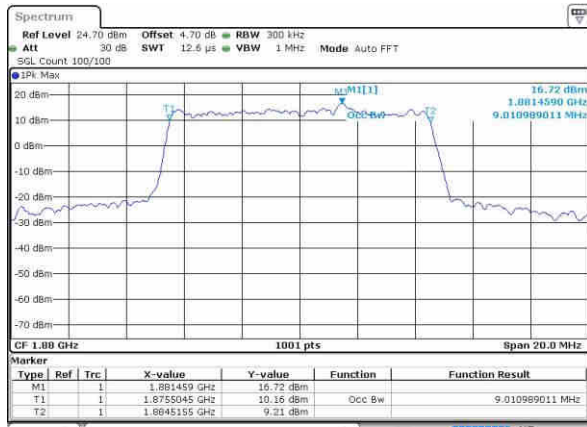
Lowest Channel / 10MHz / QPSK



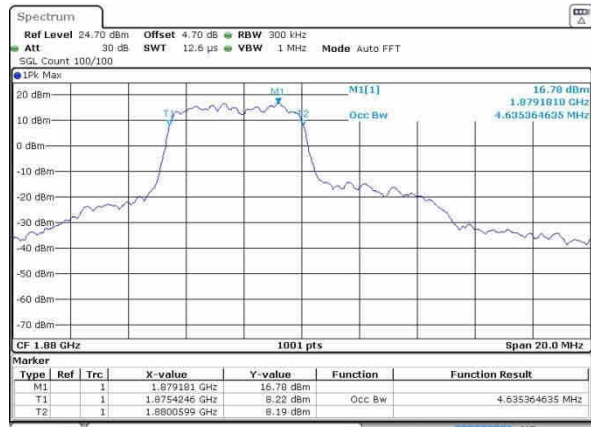
Lowest Channel / 10MHz(Half RB) / 16QAM



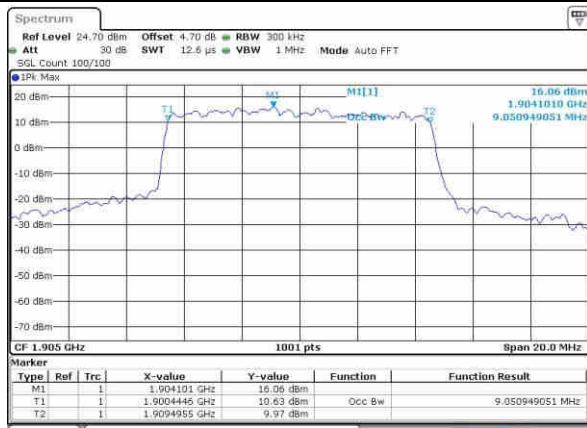
Middle Channel / 10MHz / QPSK



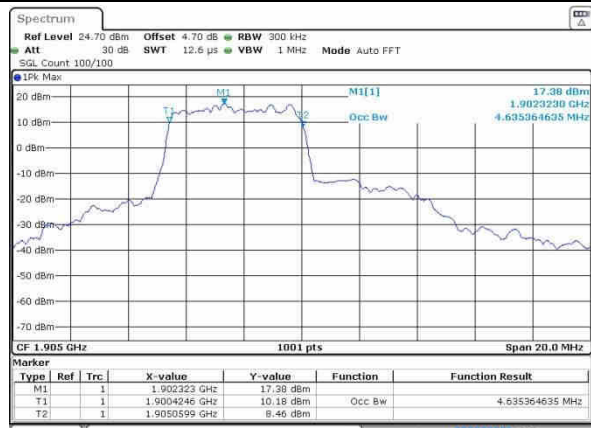
Middle Channel / 10MHz(Half RB) / 16QAM



Highest Channel / 10MHz / QPSK



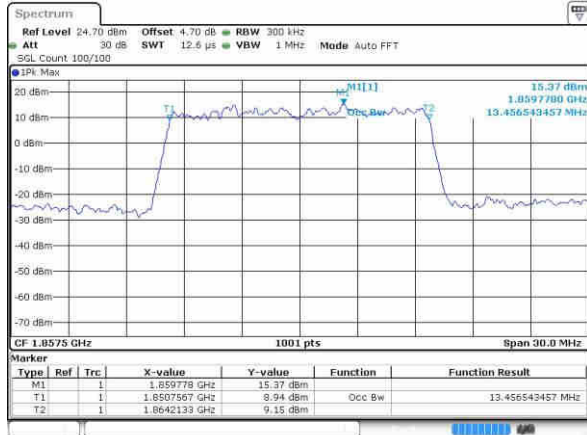
Highest Channel / 10MHz(Half RB) / 16QAM



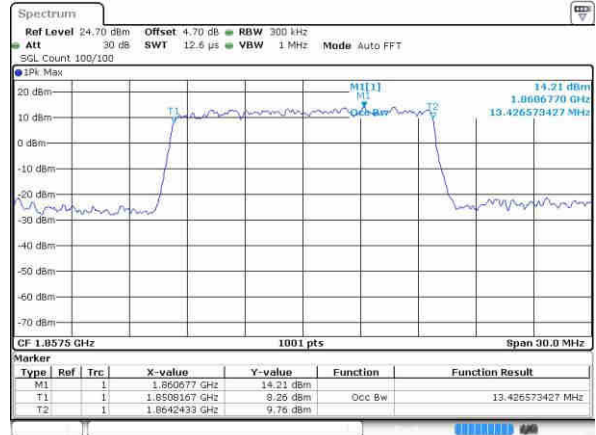


LTE Band 2

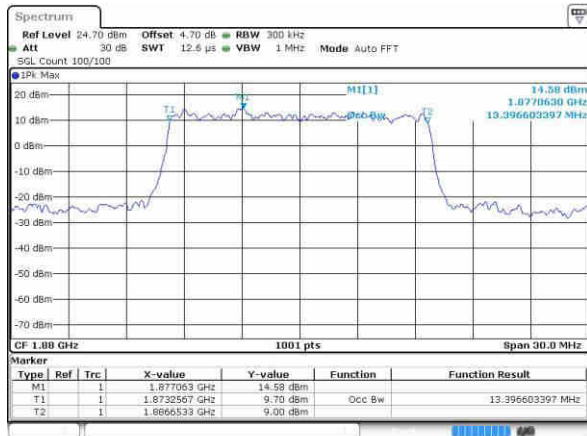
Lowest Channel / 15MHz / QPSK



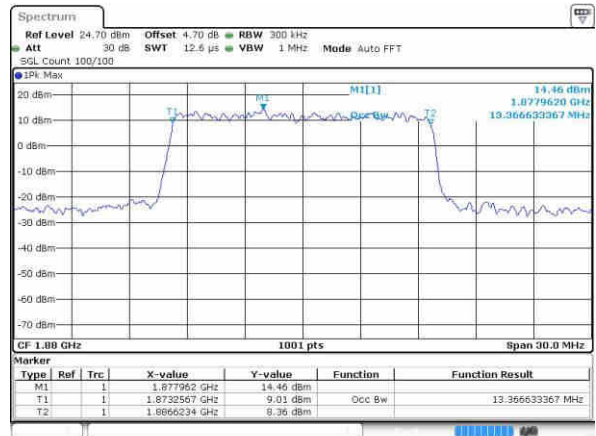
Lowest Channel / 15MHz / 16QAM



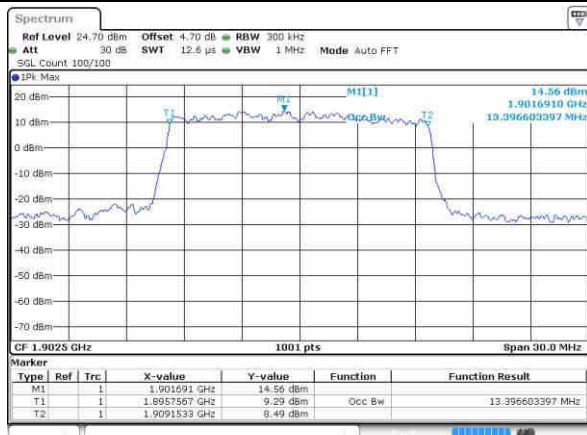
Middle Channel / 15MHz / QPSK



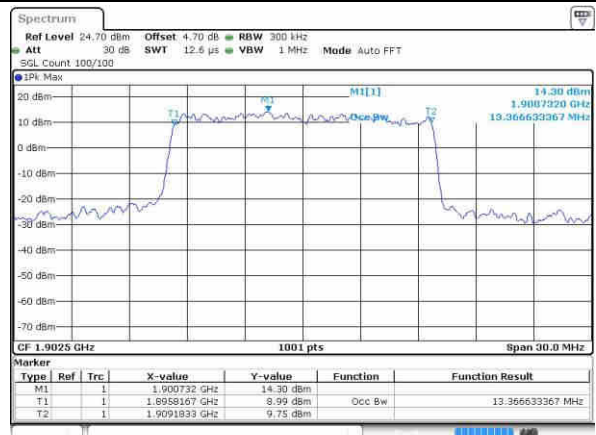
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



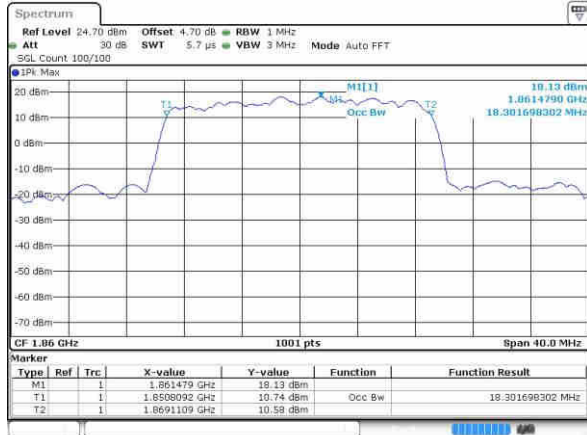
Highest Channel / 15MHz / 16QAM





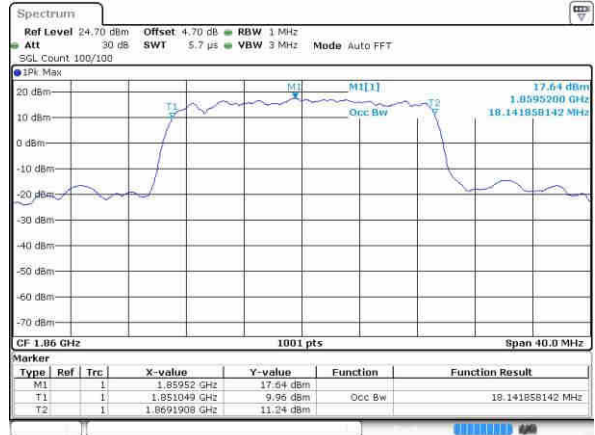
LTE Band 2

Lowest Channel / 20MHz / QPSK



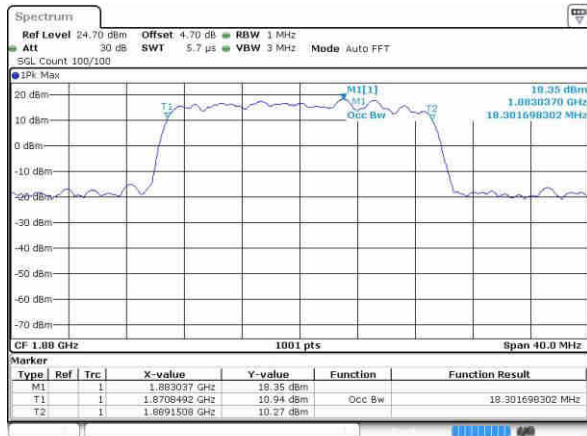
Date: 17 NOV 2016 13:25:42

Lowest Channel / 20MHz / 16QAM



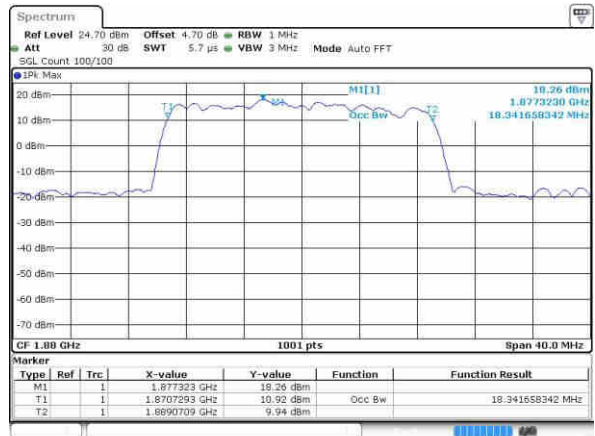
Date: 17 NOV 2016 13:25:52

Middle Channel / 20MHz / QPSK



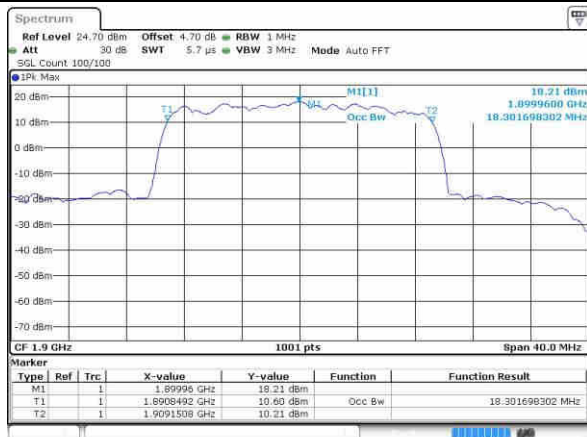
Date: 17 NOV 2016 13:32:48

Middle Channel / 20MHz / 16QAM



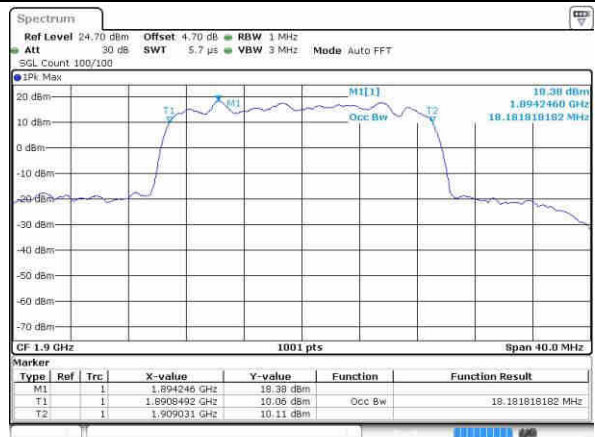
Date: 17 NOV 2016 13:32:57

Highest Channel / 20MHz / QPSK



Date: 17 NOV 2016 13:35:19

Highest Channel / 20MHz / 16QAM

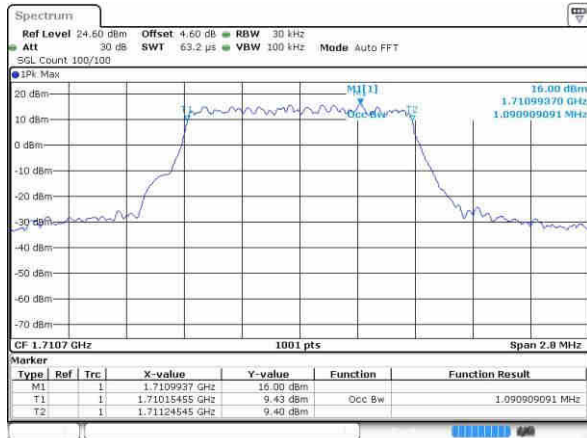


Date: 17 NOV 2016 13:35:30



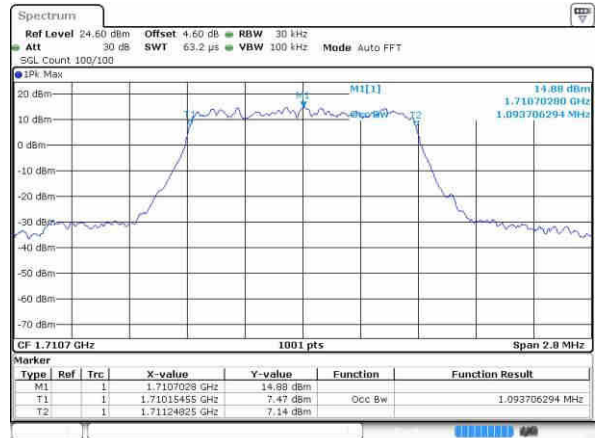
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



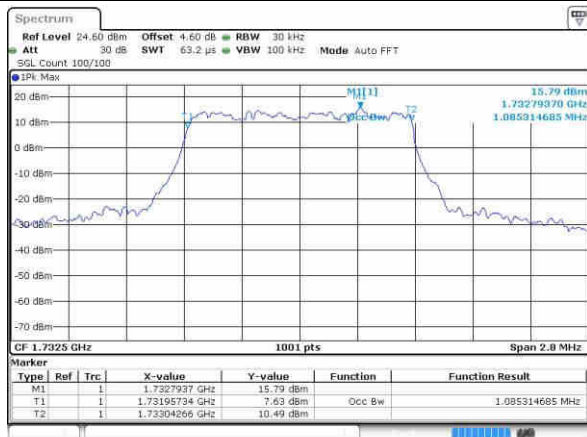
Date: 17 NOV 2016 14:11:11

Lowest Channel / 1.4MHz / 16QAM



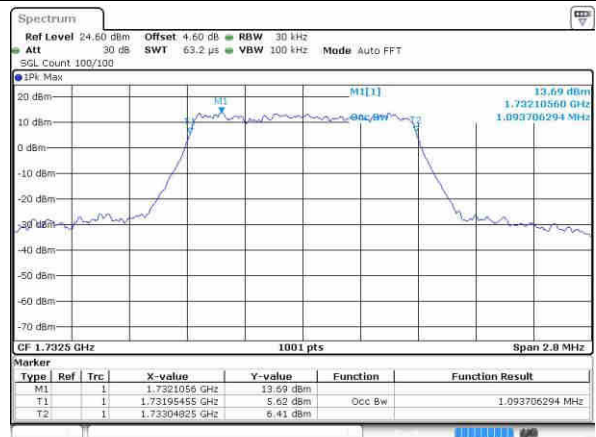
Date: 17 NOV 2016 14:19:07

Middle Channel / 1.4MHz / QPSK



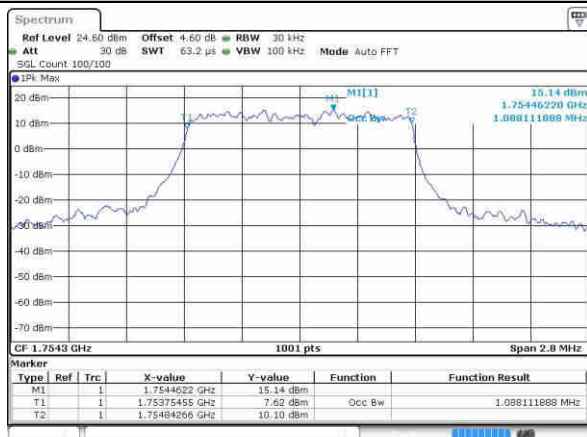
Date: 17 NOV 2016 14:33:58

Middle Channel / 1.4MHz / 16QAM



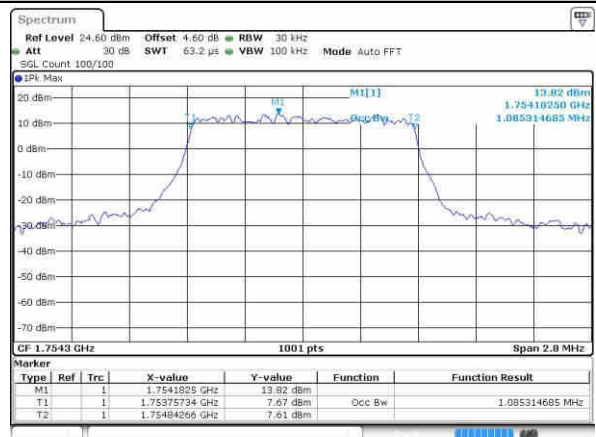
Date: 17 NOV 2016 14:34:07

Highest Channel / 1.4MHz / QPSK



Date: 17 NOV 2016 14:36:29

Highest Channel / 1.4MHz / 16QAM

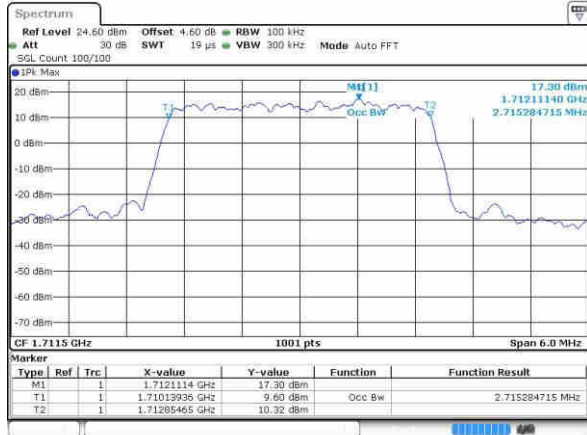


Date: 17 NOV 2016 14:36:39

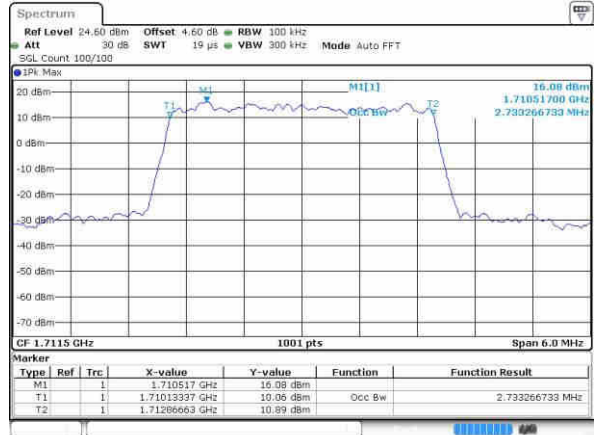


LTE Band 4

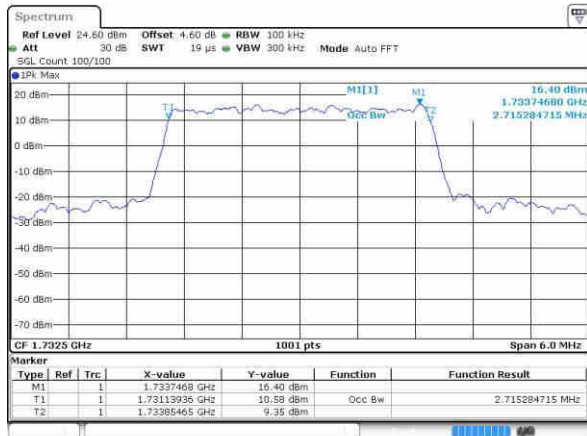
Lowest Channel / 3MHz / QPSK



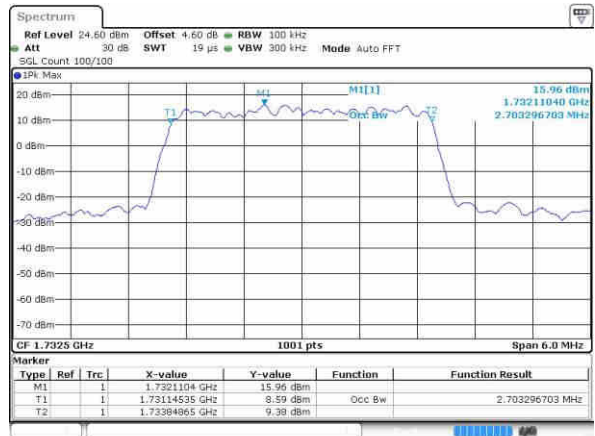
Lowest Channel / 3MHz / 16QAM



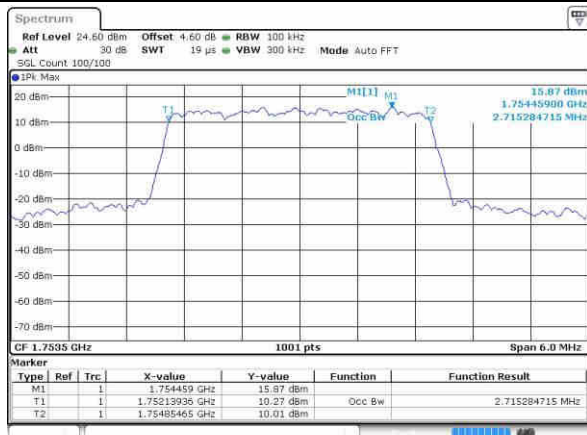
Middle Channel / 3MHz / QPSK



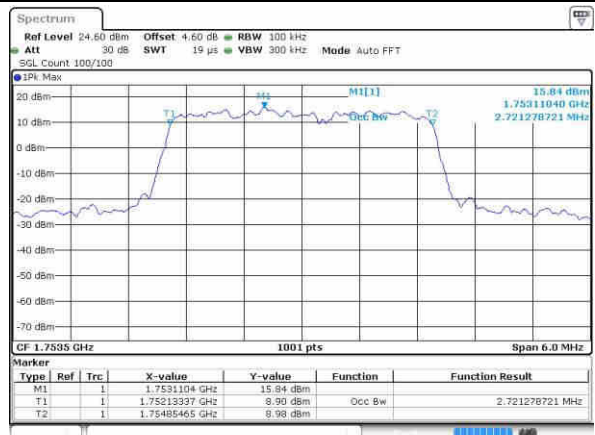
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



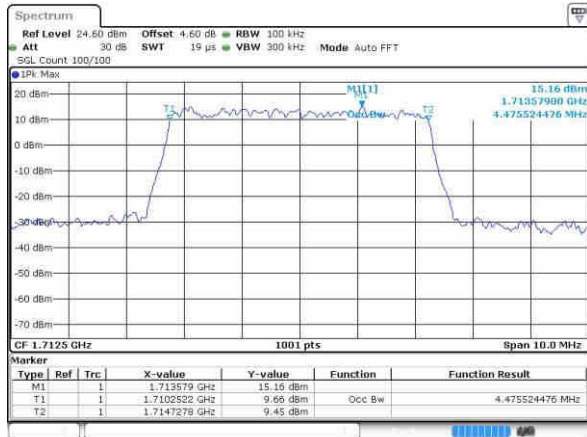
Highest Channel / 3MHz / 16QAM



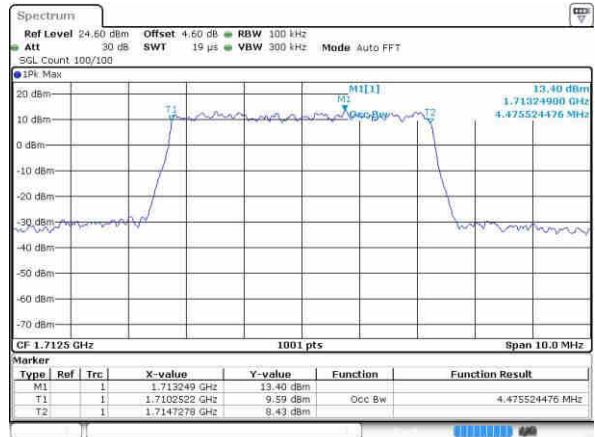


LTE Band 4

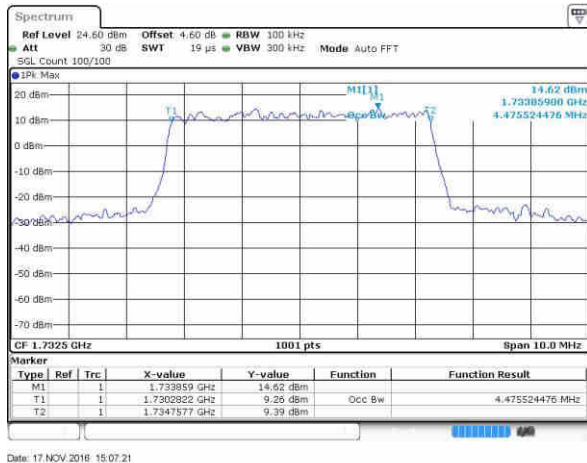
Lowest Channel / 5MHz / QPSK



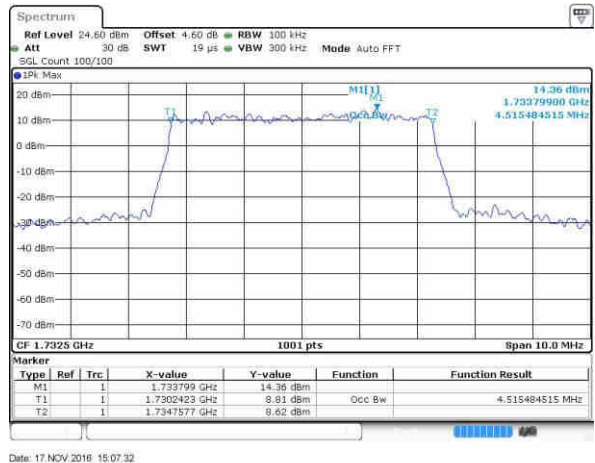
Lowest Channel / 5MHz / 16QAM



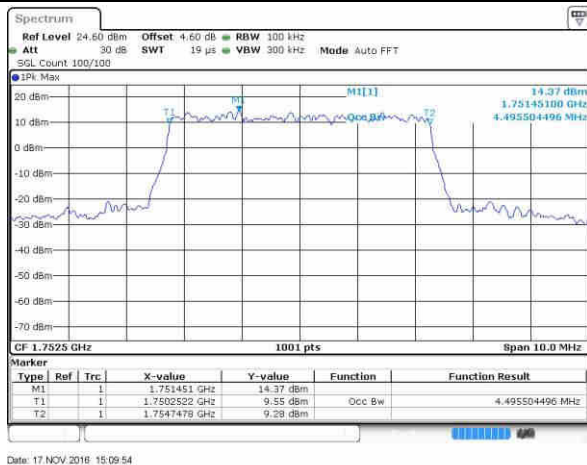
Middle Channel / 5MHz / QPSK



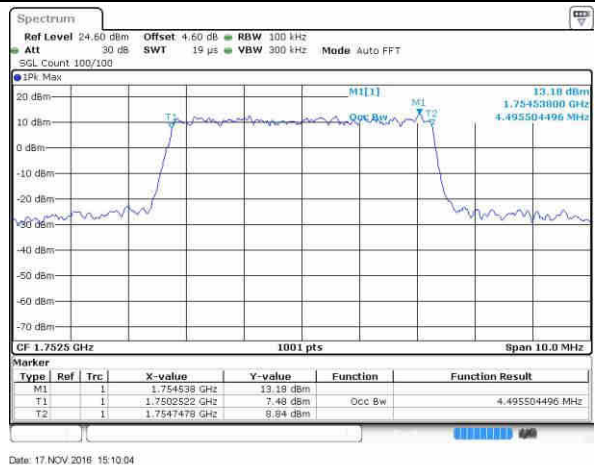
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



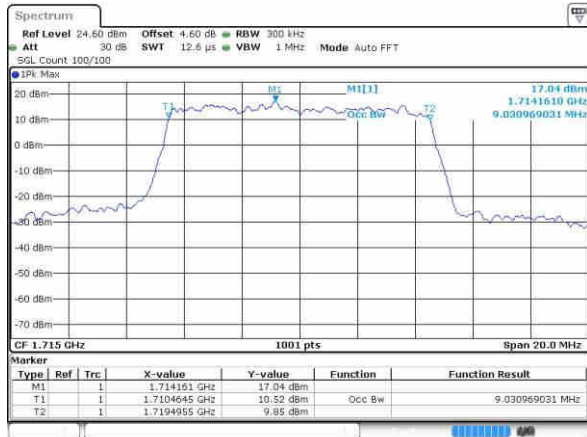
Highest Channel / 5MHz / 16QAM



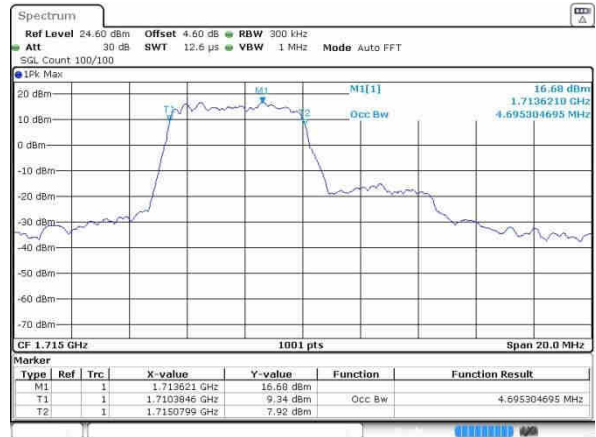


LTE Band 4

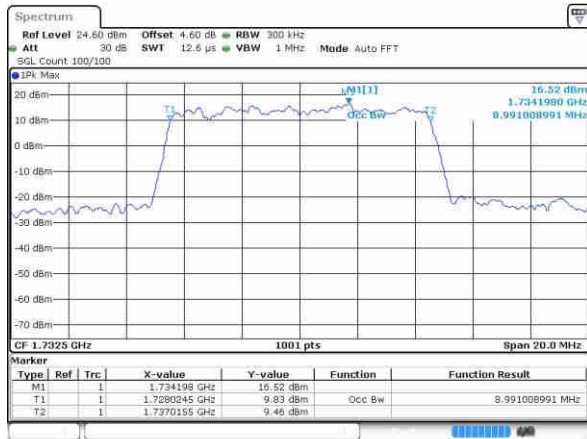
Lowest Channel / 10MHz / QPSK



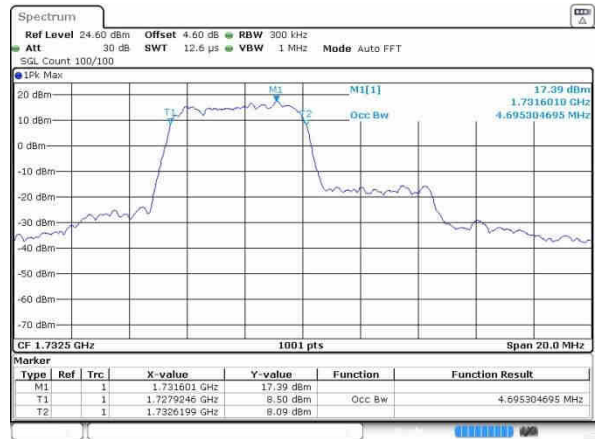
Lowest Channel / 10MHz(Half RB) / 16QAM



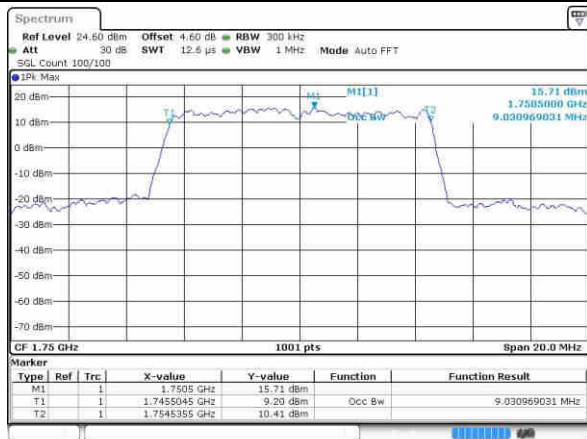
Middle Channel / 10MHz / QPSK



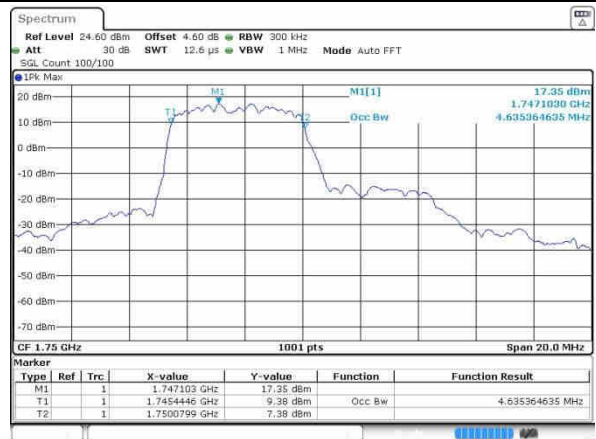
Middle Channel / 10MHz(Half RB) / 16QAM



Highest Channel / 10MHz / QPSK



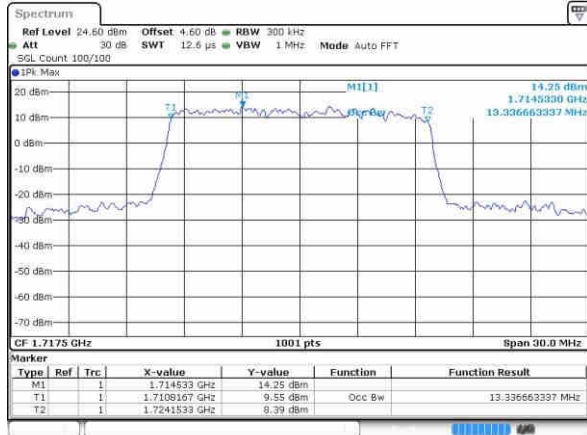
Highest Channel / 10MHz(Half RB) / 16QAM



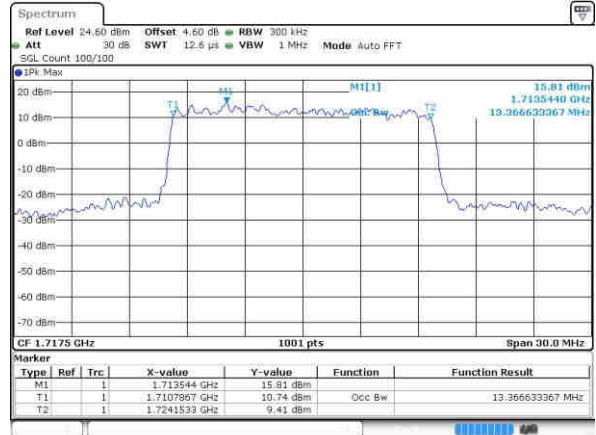


LTE Band 4

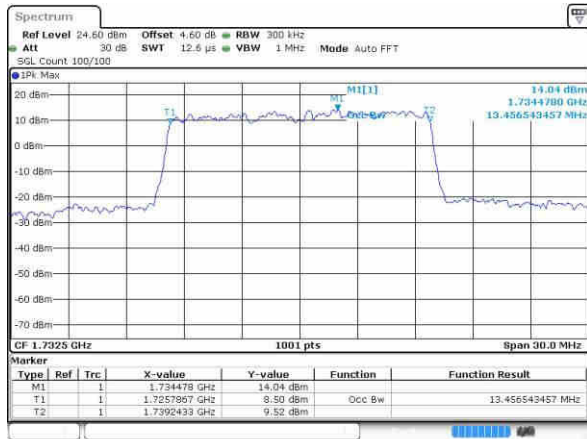
Lowest Channel / 15MHz / QPSK



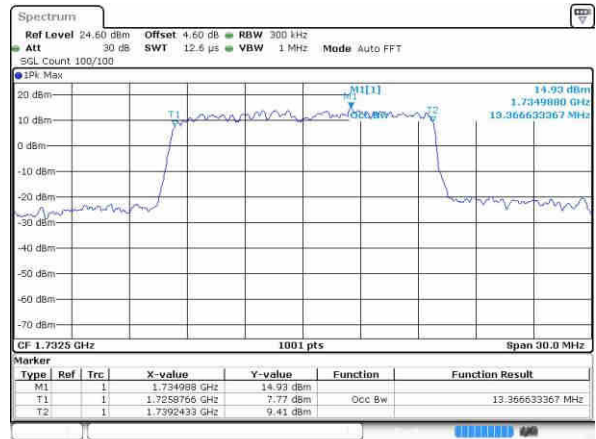
Lowest Channel / 15MHz / 16QAM



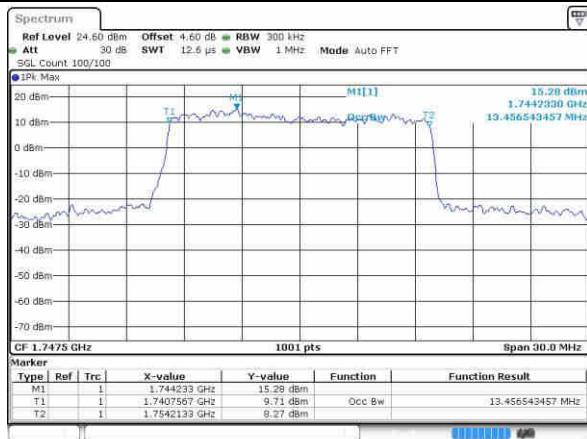
Middle Channel / 15MHz / QPSK



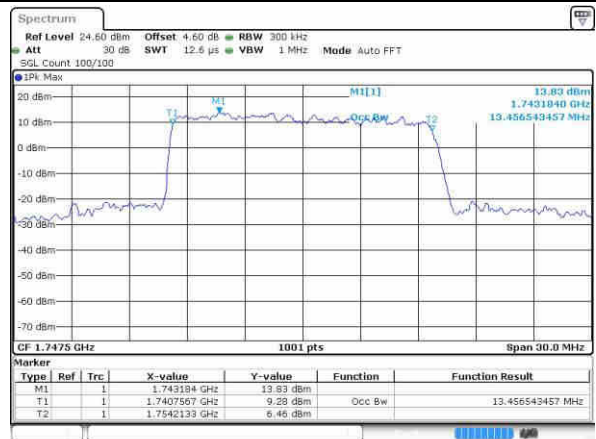
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



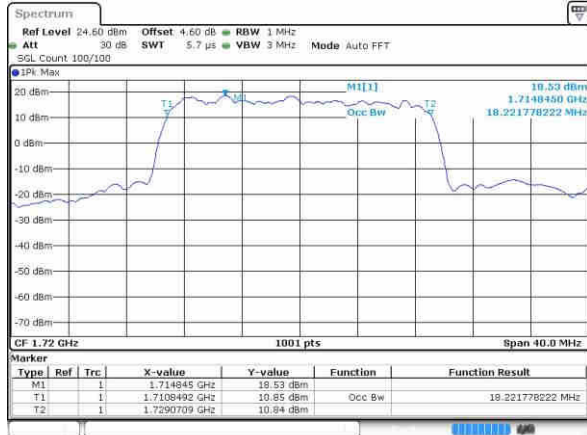
Highest Channel / 15MHz / 16QAM



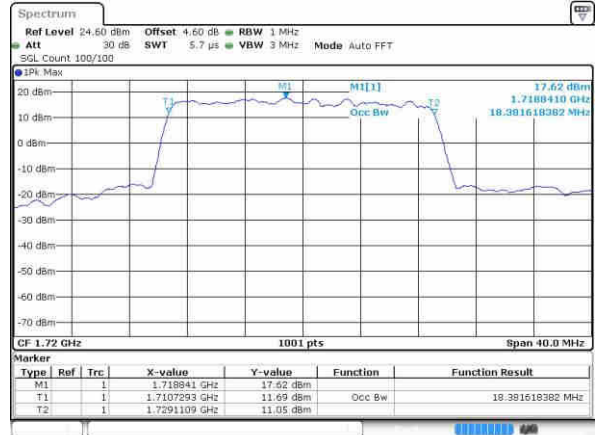


LTE Band 4

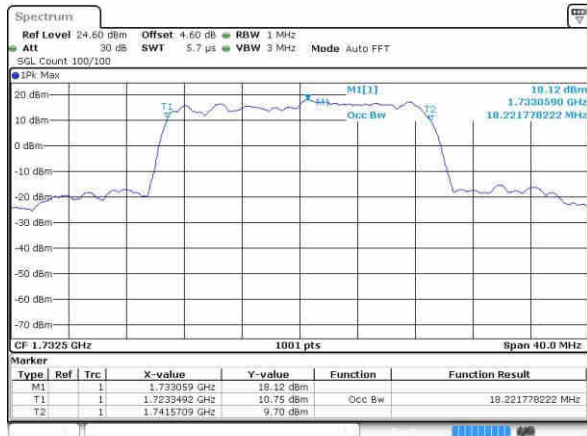
Lowest Channel / 20MHz / QPSK



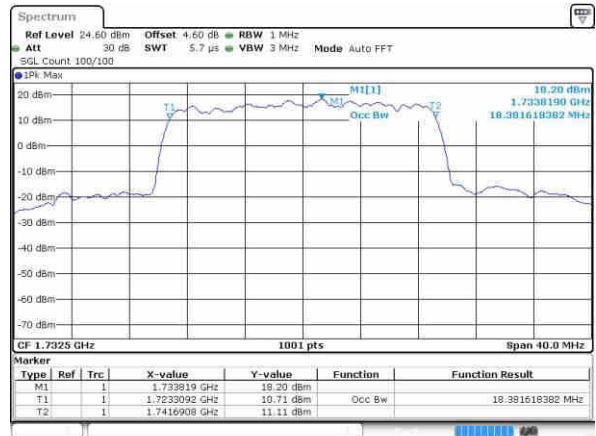
Lowest Channel / 20MHz / 16QAM



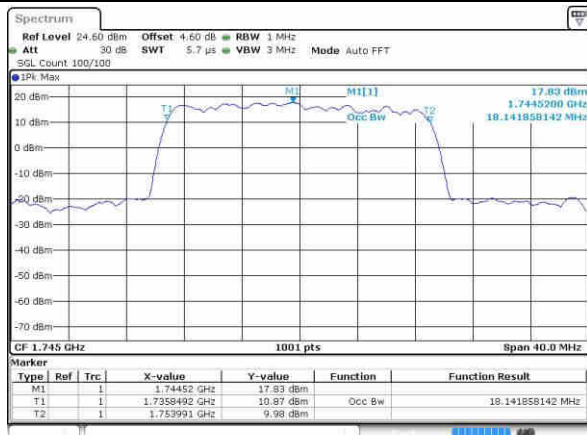
Middle Channel / 20MHz / QPSK



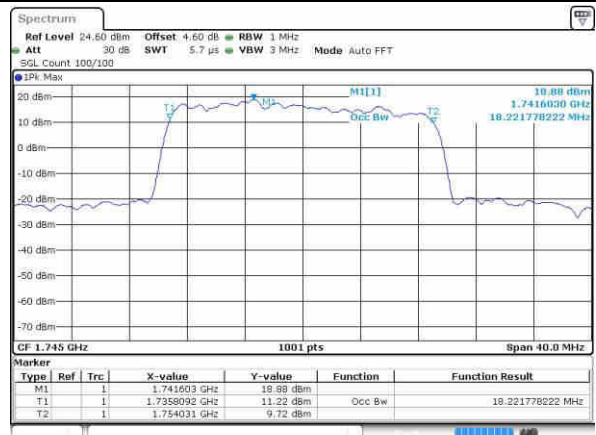
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



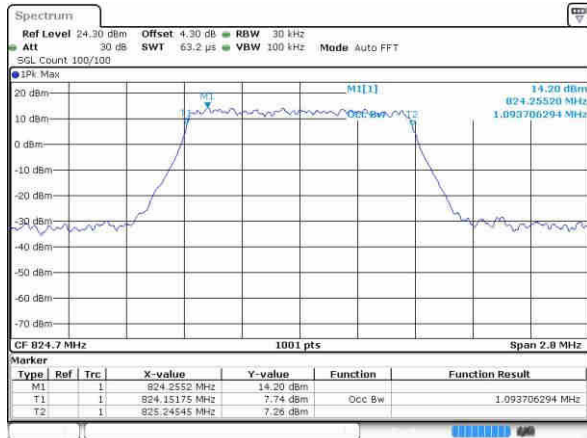
Highest Channel / 20MHz / 16QAM





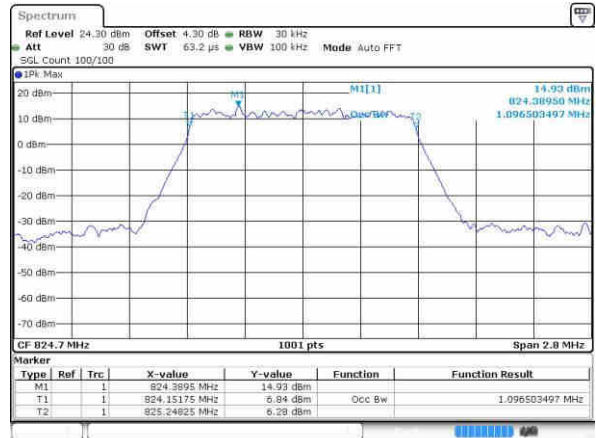
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



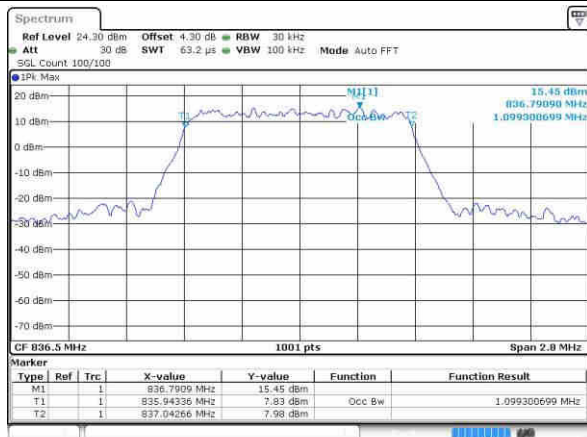
Date: 17 NOV 2016 18:27:17

Lowest Channel / 1.4MHz / 16QAM



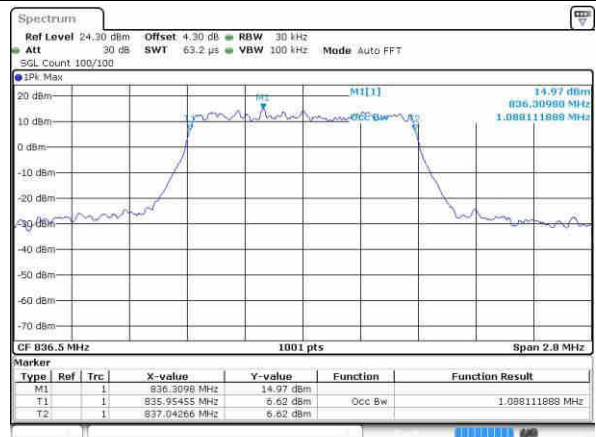
Date: 17 NOV 2016 18:34:07

Middle Channel / 1.4MHz / QPSK



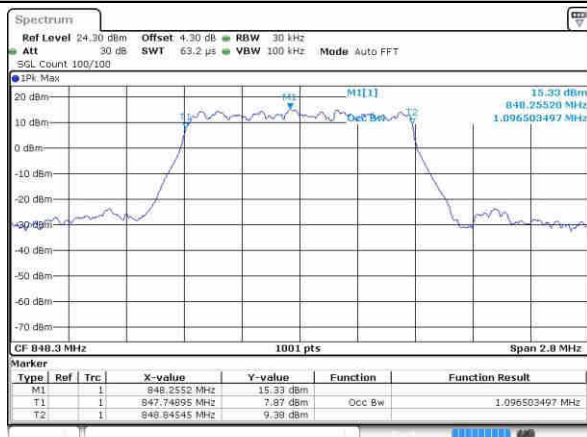
Date: 17 NOV 2016 18:43:01

Middle Channel / 1.4MHz / 16QAM



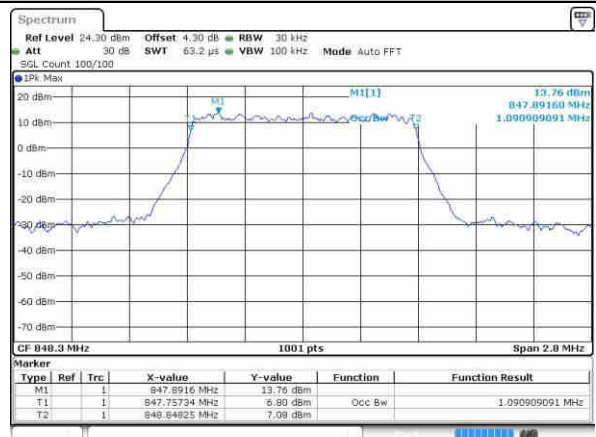
Date: 17 NOV 2016 18:43:11

Highest Channel / 1.4MHz / QPSK



Date: 17 NOV 2016 18:45:33

Highest Channel / 1.4MHz / 16QAM

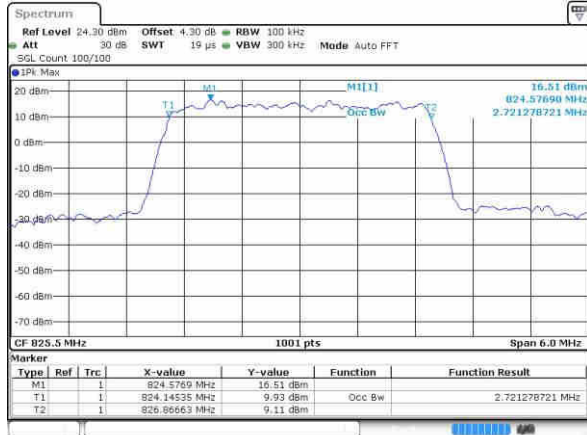


Date: 17 NOV 2016 18:45:43

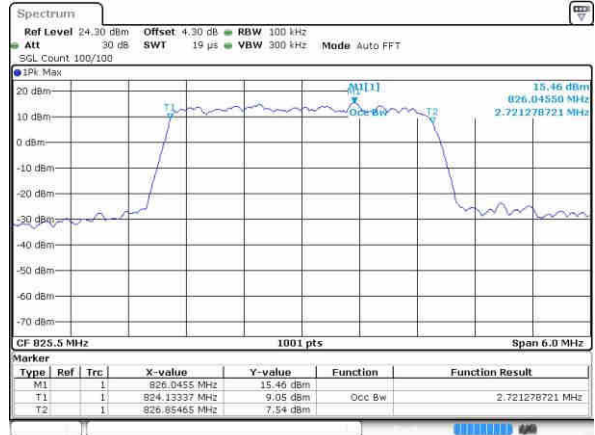


LTE Band 5

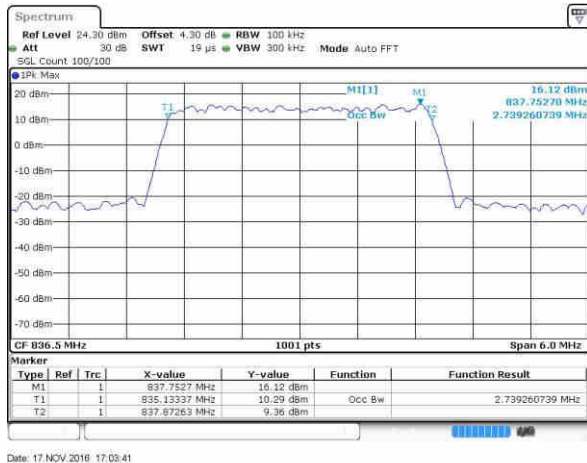
Lowest Channel / 3MHz / QPSK



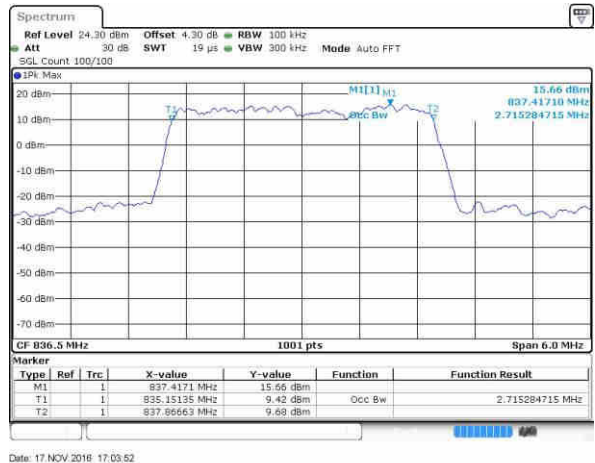
Lowest Channel / 3MHz / 16QAM



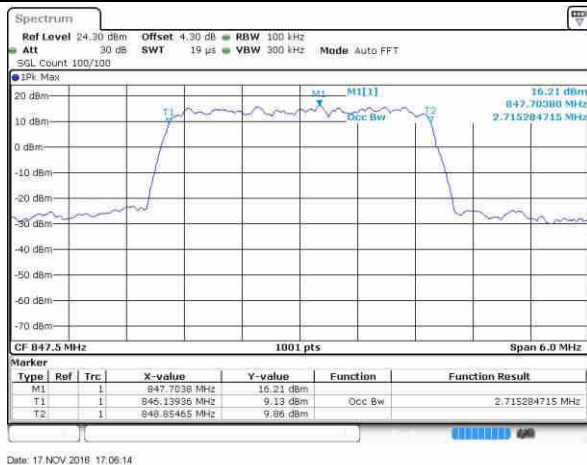
Middle Channel / 3MHz / QPSK



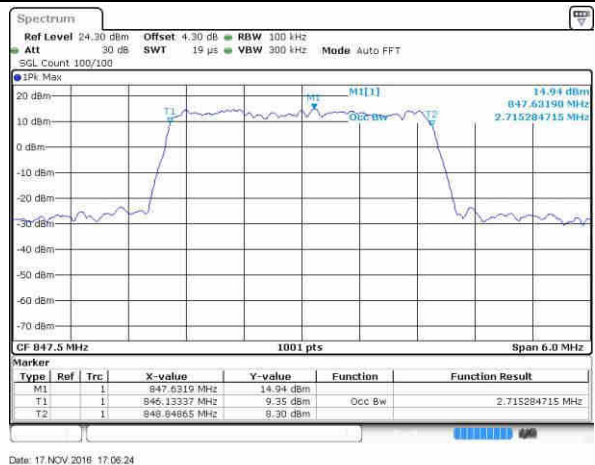
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



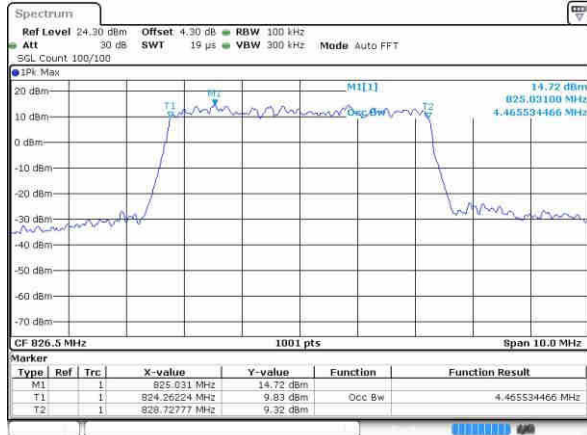
Highest Channel / 3MHz / 16QAM



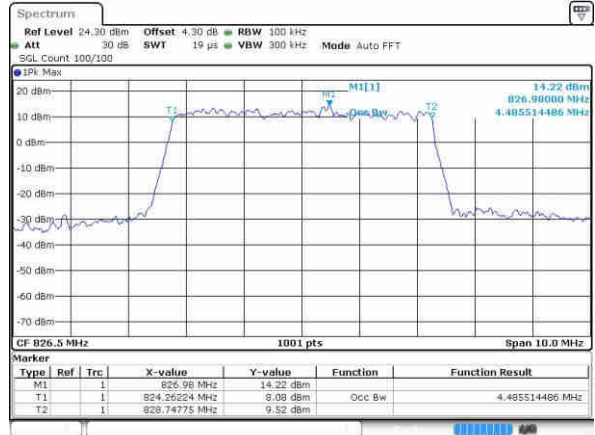


LTE Band 5

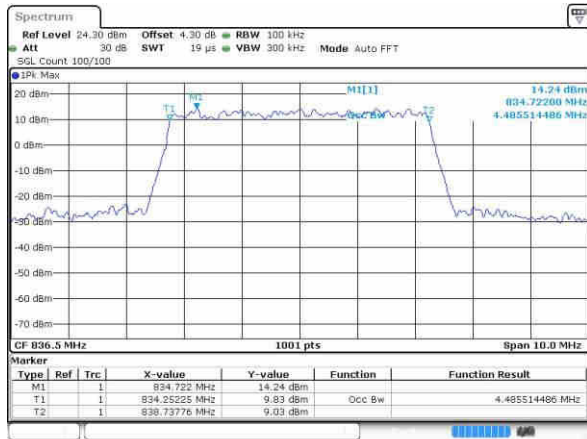
Lowest Channel / 5MHz / QPSK



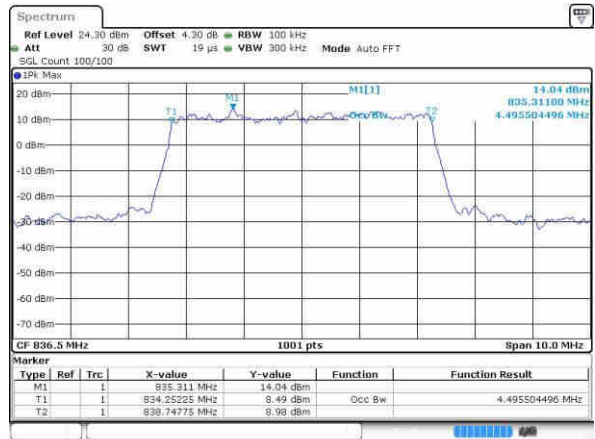
Lowest Channel / 5MHz / 16QAM



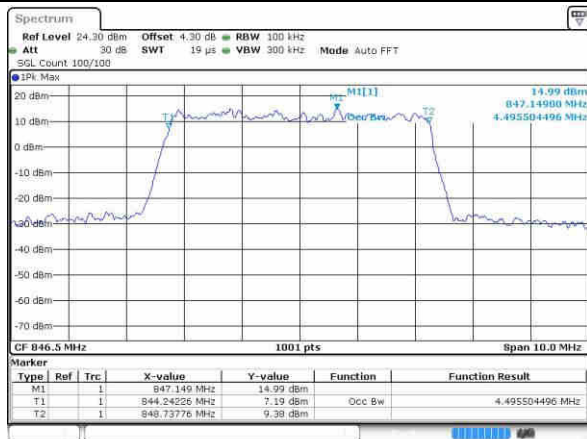
Middle Channel / 5MHz / QPSK



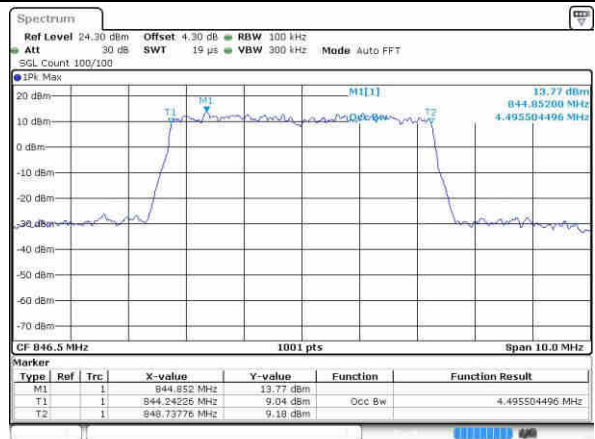
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



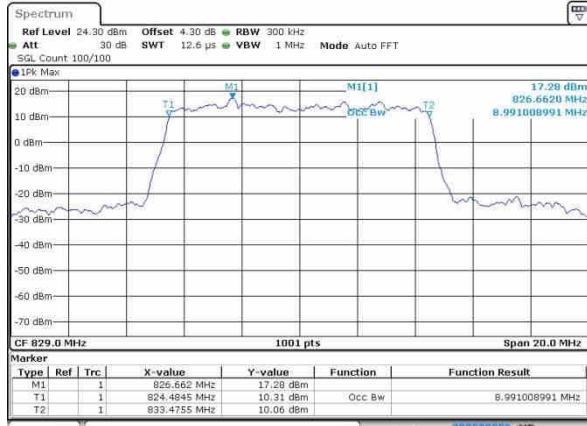
Highest Channel / 5MHz / 16QAM





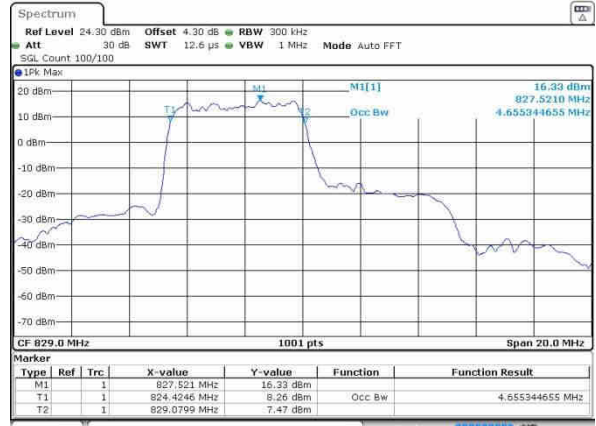
LTE Band 5

Lowest Channel / 10MHz / QPSK



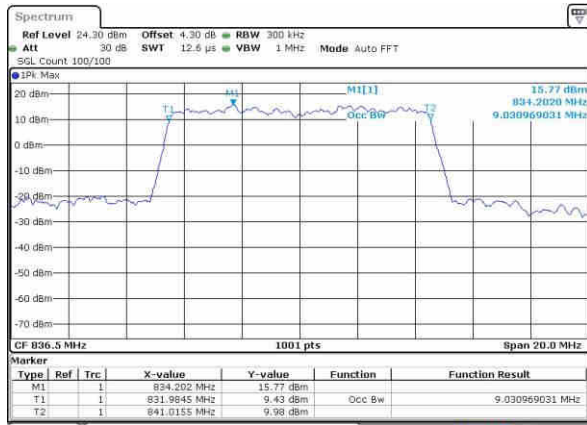
Date: 17 NOV 2016 17:38:17

Lowest Channel / 10MHz(Half RB) / 16QAM



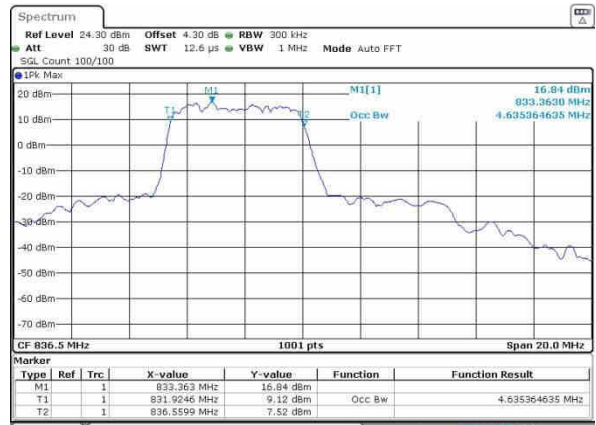
Date: 20 DEC 2016 21:16:36

Middle Channel / 10MHz / QPSK



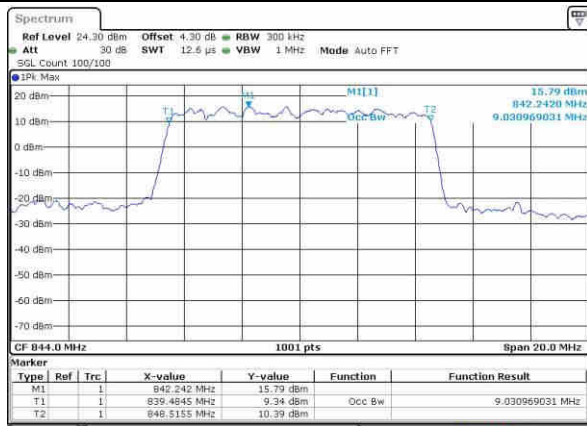
Date: 17 NOV 2016 17:43:26

Middle Channel / 10MHz(Half RB) / 16QAM



Date: 20 DEC 2016 21:18:46

Highest Channel / 10MHz / QPSK



Date: 17 NOV 2016 17:45:37

Highest Channel / 10MHz(Half RB) / 16QAM

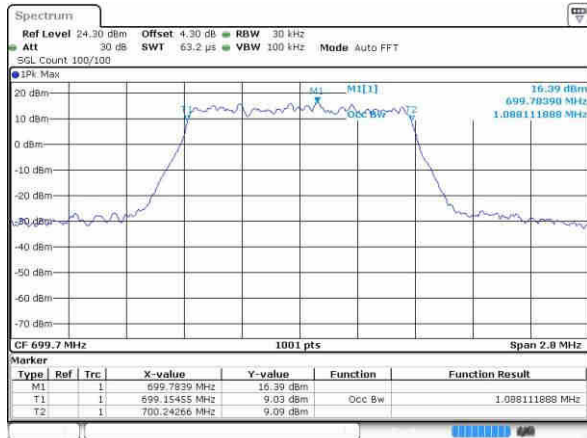


Date: 20 DEC 2016 21:20:42

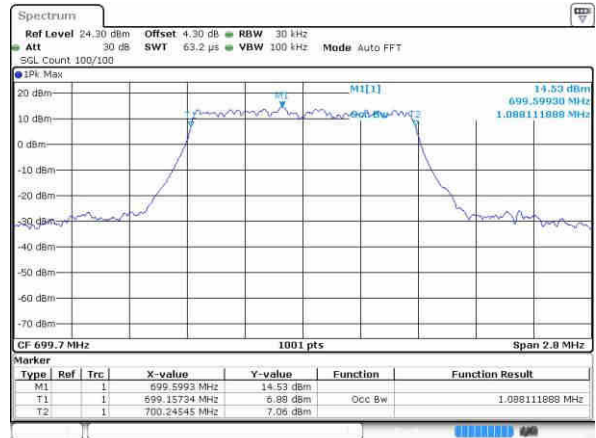


LTE Band 12

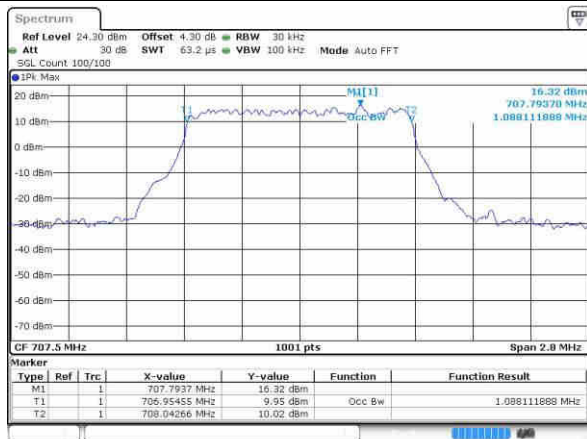
Lowest Channel / 1.4MHz / QPSK



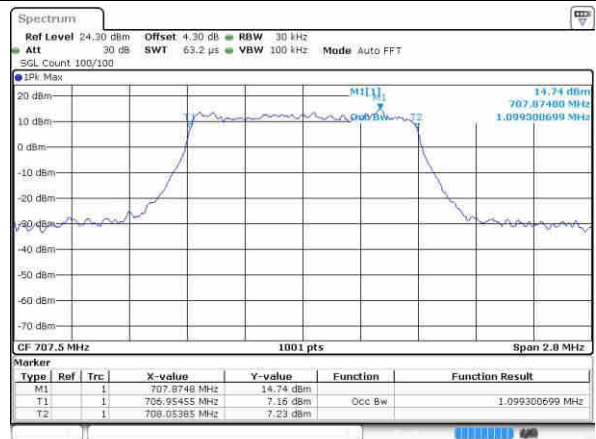
Lowest Channel / 1.4MHz / 16QAM



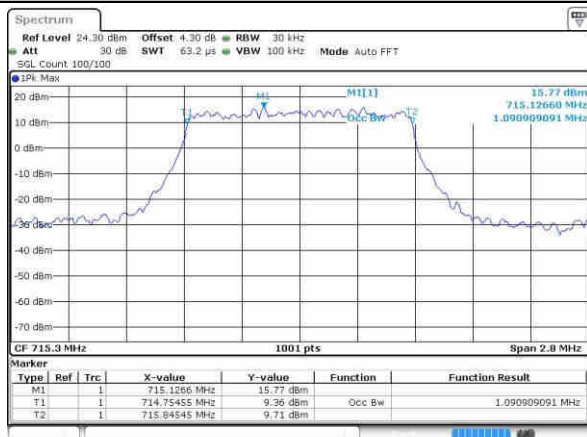
Middle Channel / 1.4MHz / QPSK



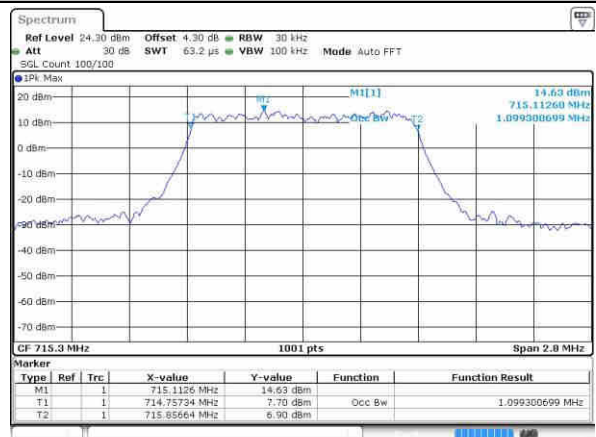
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



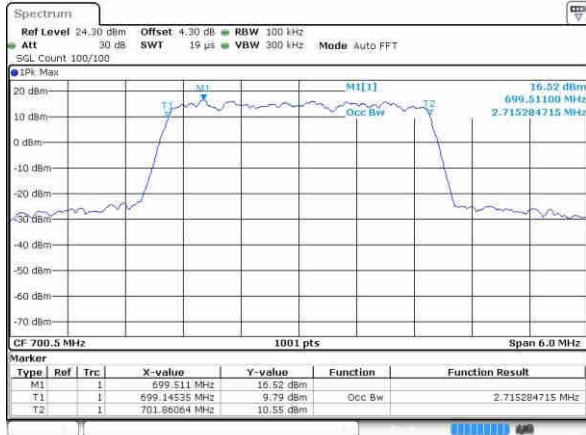
Highest Channel / 1.4MHz / 16QAM



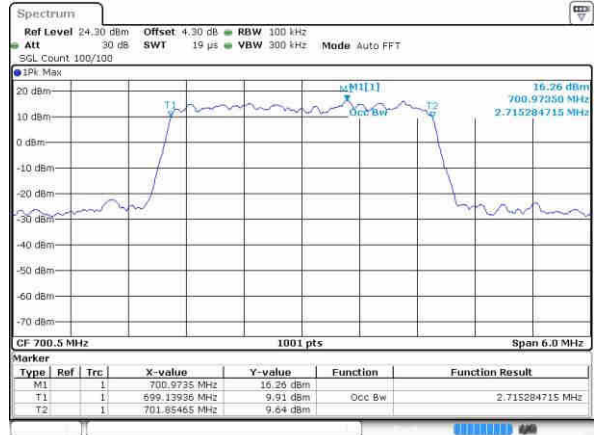


LTE Band 12

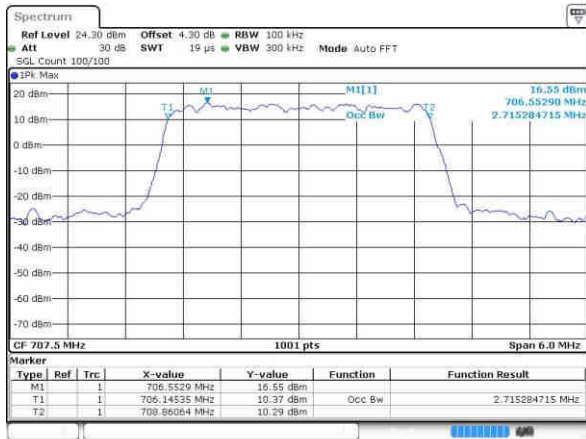
Lowest Channel / 3MHz / QPSK



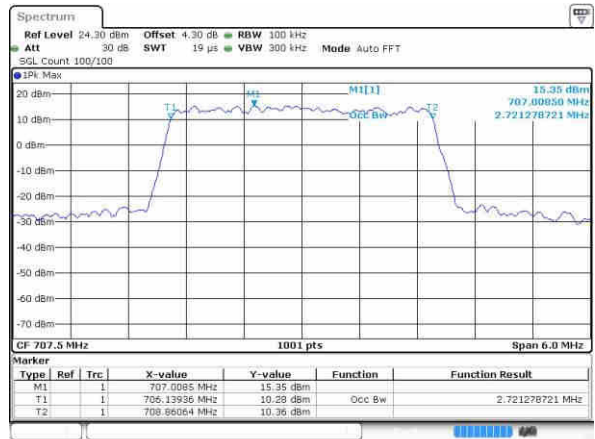
Lowest Channel / 3MHz / 16QAM



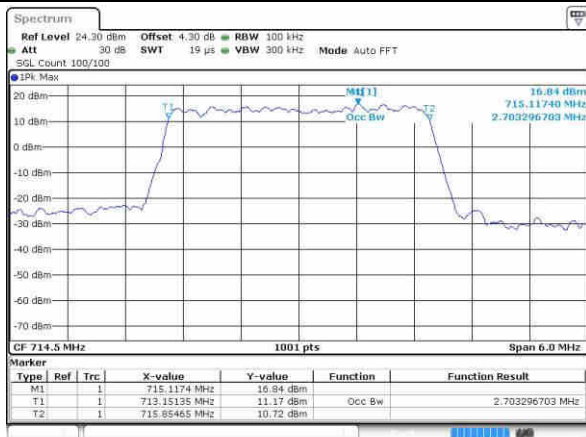
Middle Channel / 3MHz / QPSK



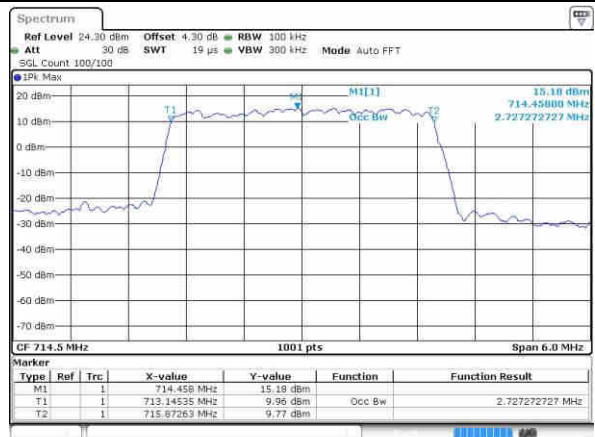
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



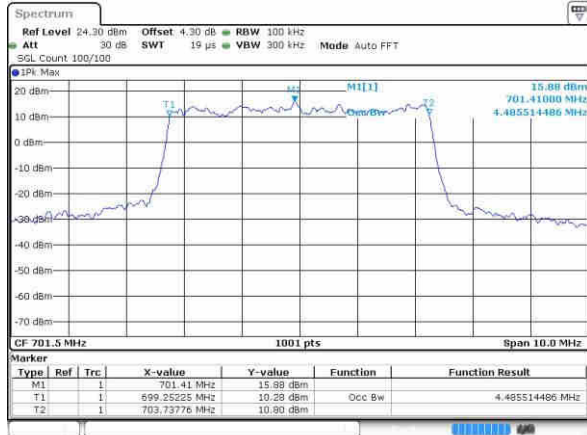
Highest Channel / 3MHz / 16QAM



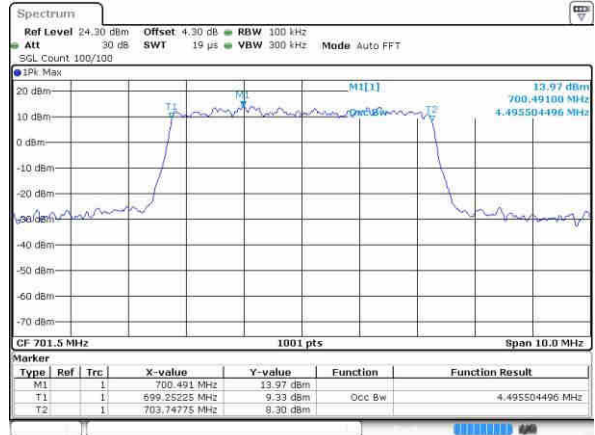


LTE Band 12

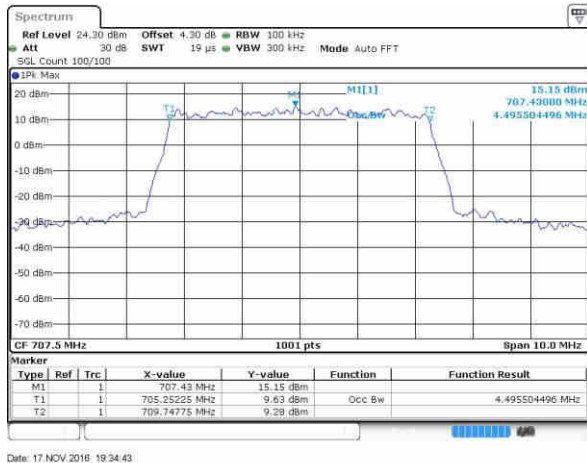
Lowest Channel / 5MHz / QPSK



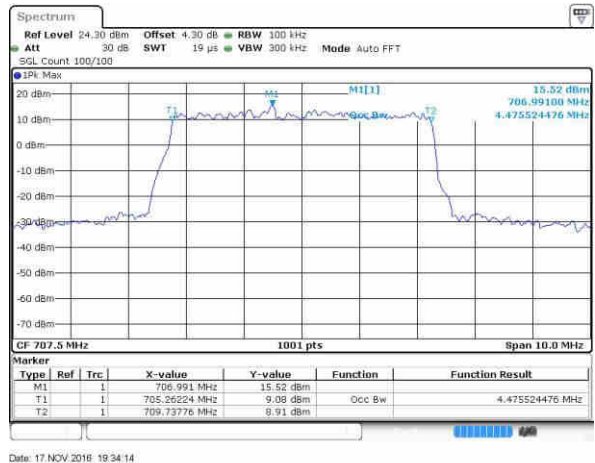
Lowest Channel / 5MHz / 16QAM



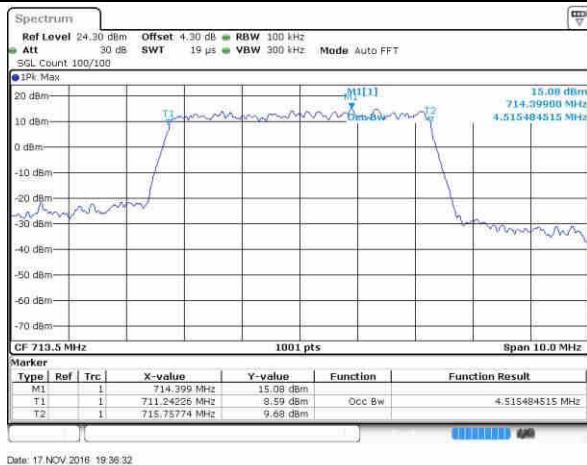
Middle Channel / 5MHz / QPSK



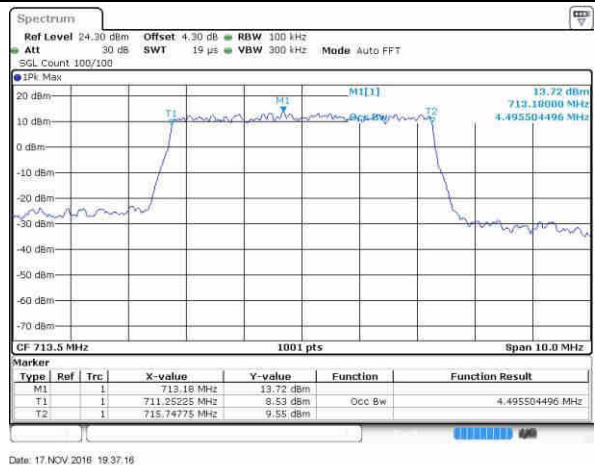
Middle Channel / 5MHz / 16QAM

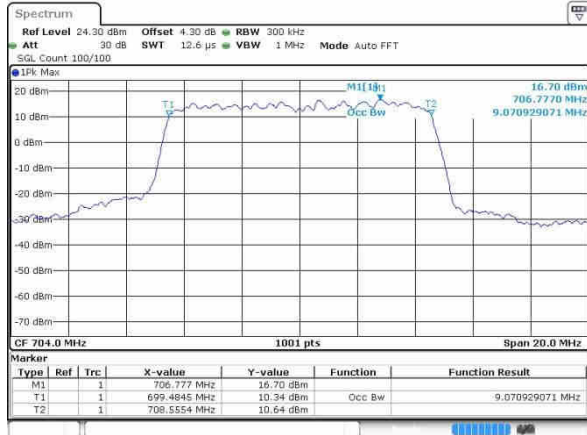
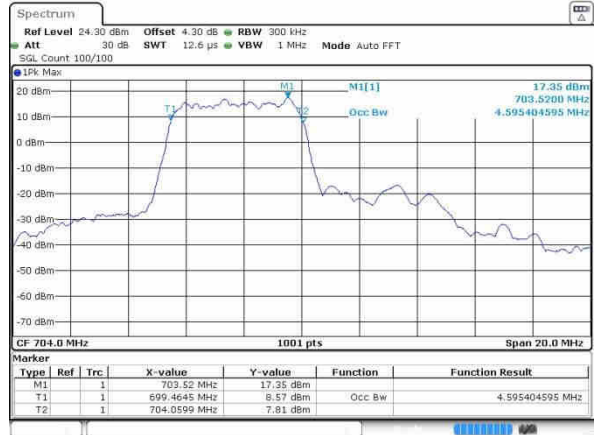
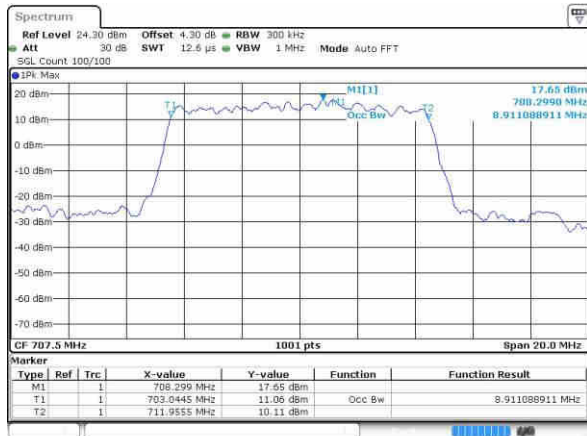


Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM



**LTE Band 12****Lowest Channel / 10MHz / QPSK****Lowest Channel / 10MHz(Half RB) / 16QAM****Middle Channel / 10MHz / QPSK****Middle Channel / 10MHz(Half RB) / 16QAM****Highest Channel / 10MHz / QPSK****Highest Channel / 10MHz(Half RB) / 16QAM**

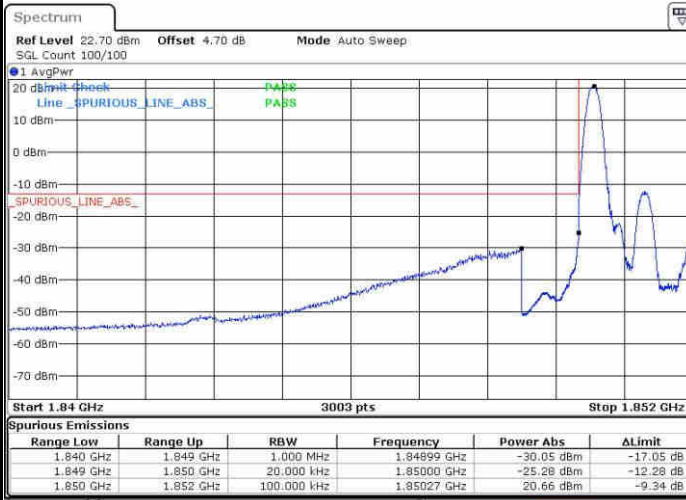


Conducted Band Edge



LTE Band 2 / 1.4MHz / QPSK

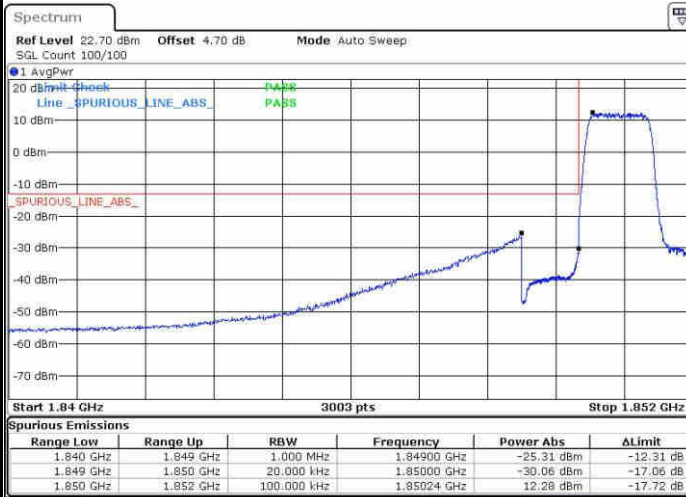
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 2 / 1.4MHz / 16QAM

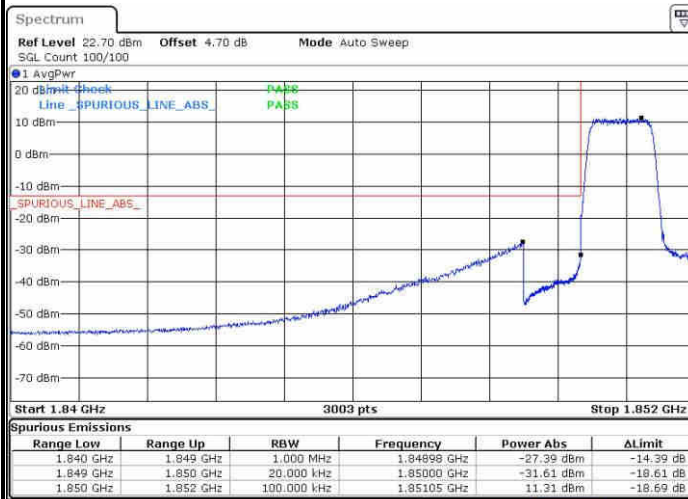
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



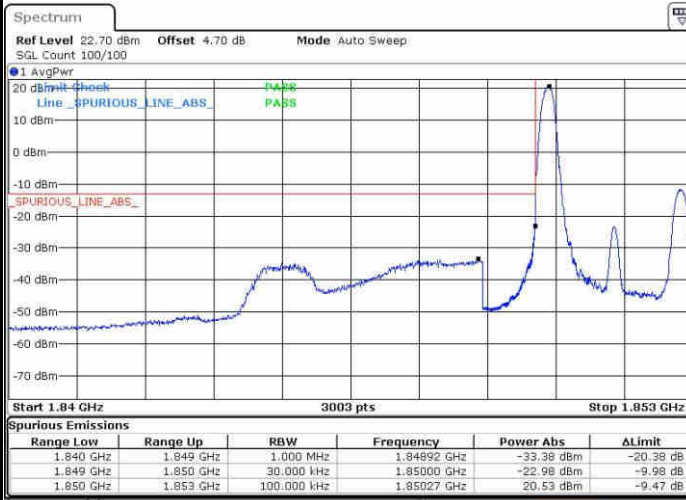
Highest Band Edge / Full RB



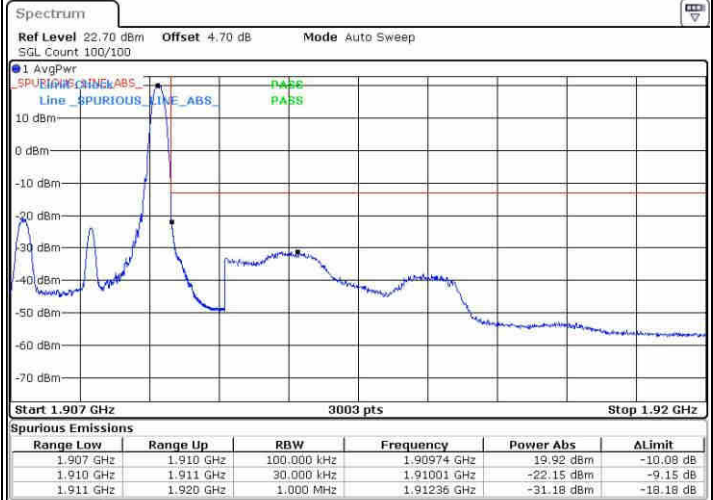


LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



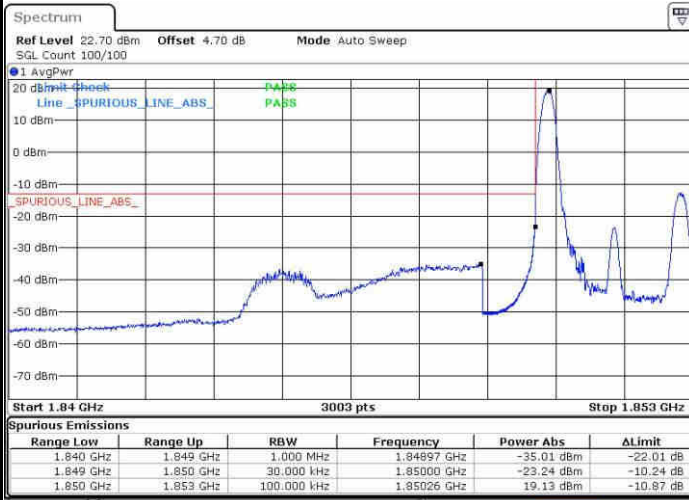
Highest Band Edge / Full RB





LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



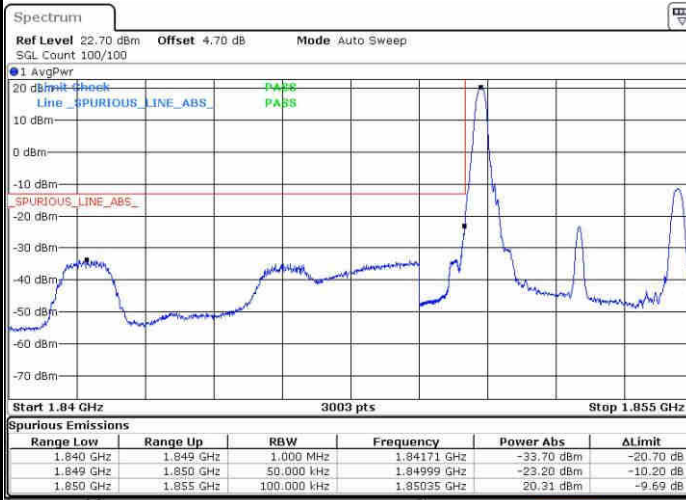
Highest Band Edge / Full RB



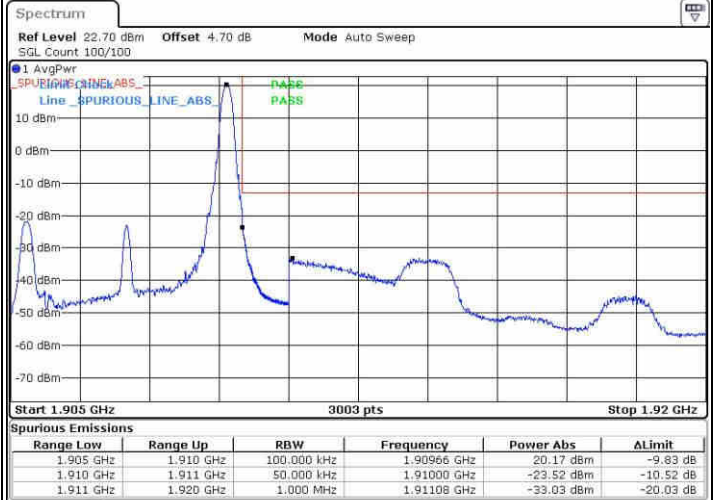


LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



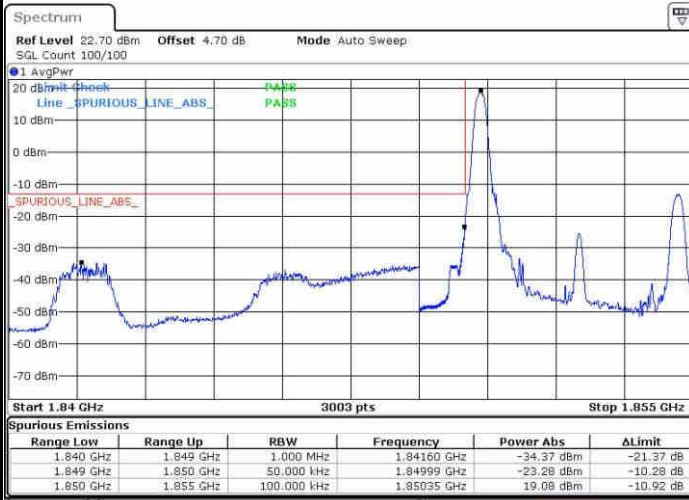
Highest Band Edge / Full RB



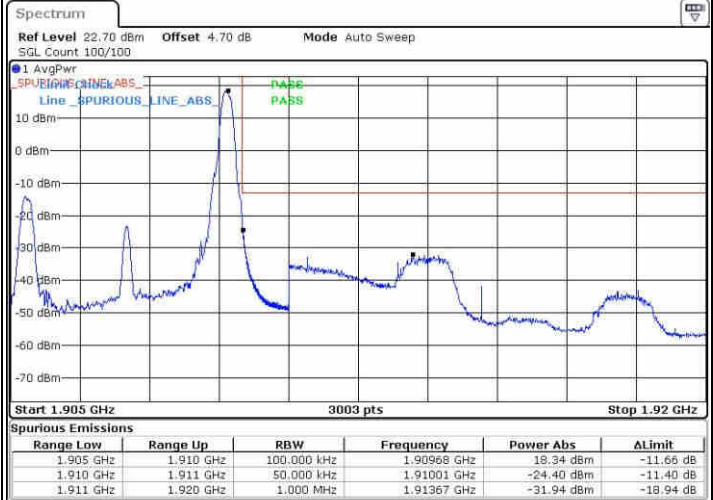


LTE Band 2 / 5MHz / 16QAM

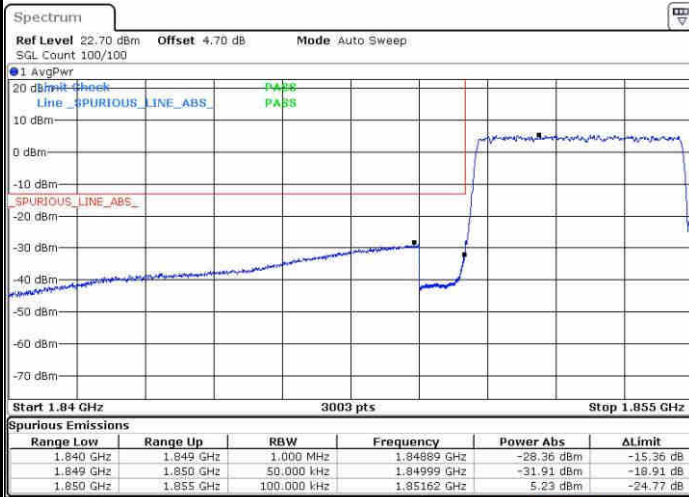
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

