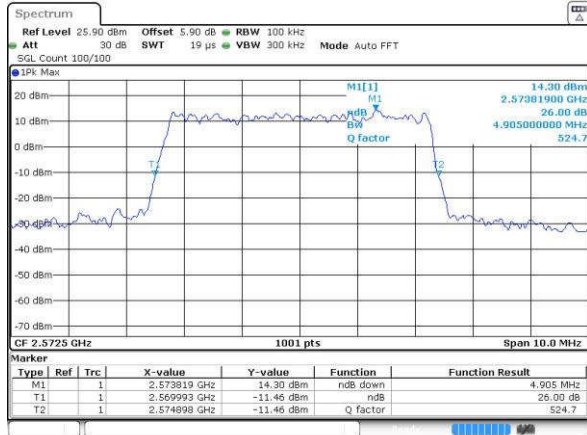




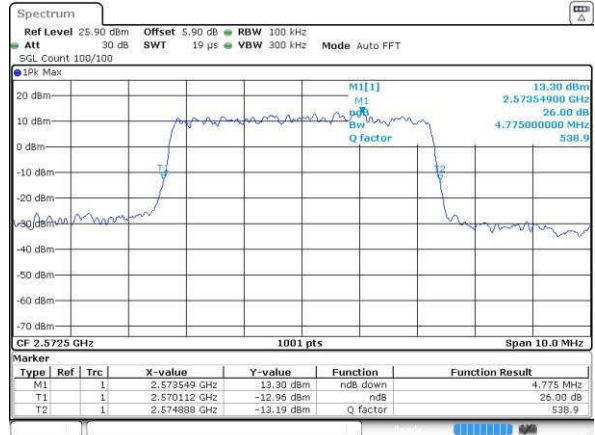
LTE Band 38

Lowest Channel / 5MHz / QPSK



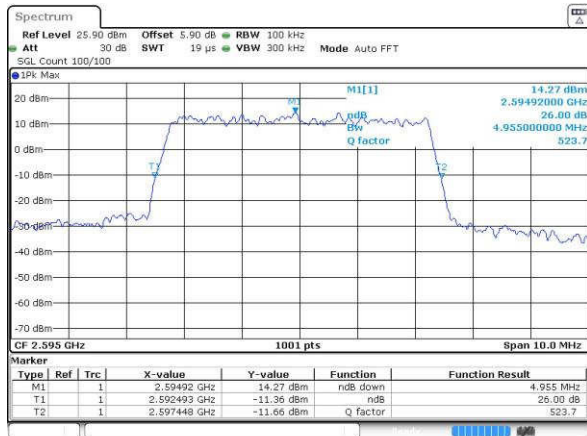
Date: 10 DEC 2016 23:59:36

Lowest Channel / 5MHz / 16QAM



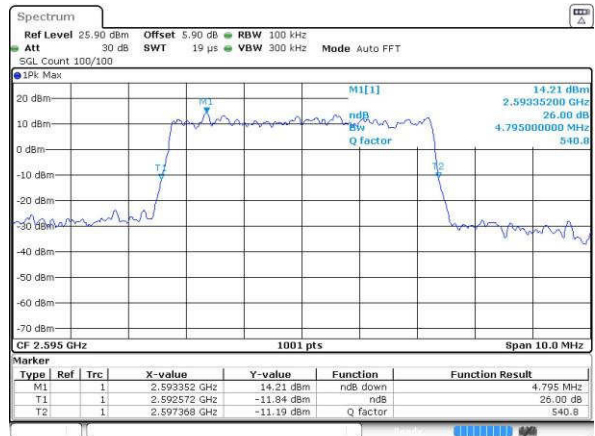
Date: 10 DEC 2016 23:59:56

Middle Channel / 5MHz / QPSK



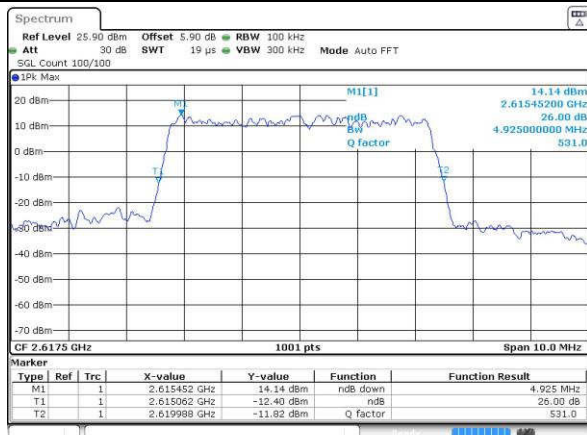
Date: 11 DEC 2016 00:03:49

Middle Channel / 5MHz / 16QAM



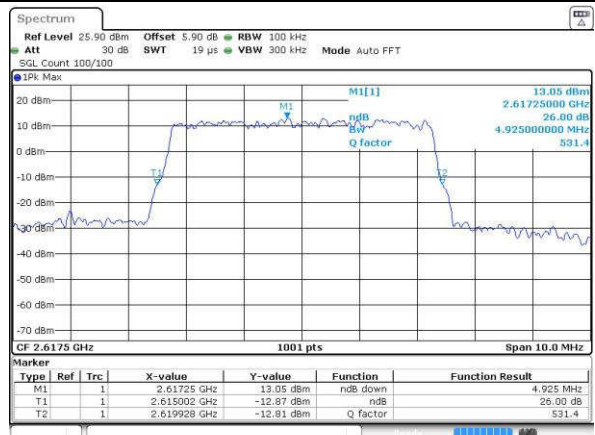
Date: 11 DEC 2016 00:03:29

Highest Channel / 5MHz / QPSK



Date: 11 DEC 2016 00:05:01

Highest Channel / 5MHz / 16QAM

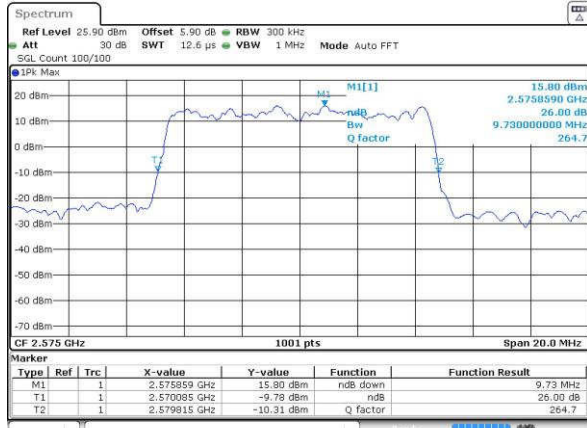


Date: 11 DEC 2016 00:04:38

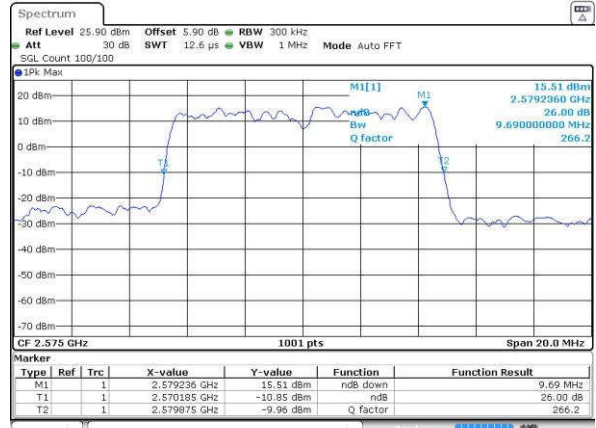


LTE Band 38

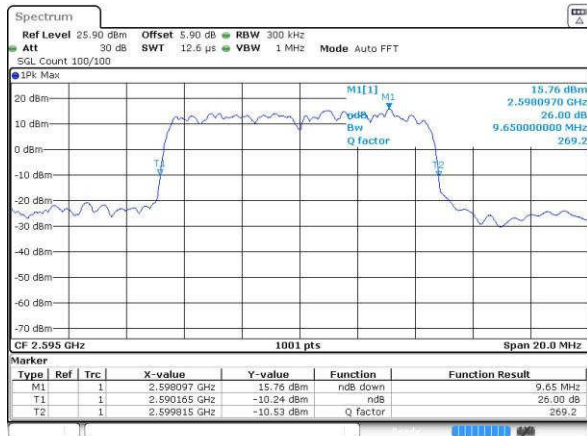
Lowest Channel / 10MHz / QPSK



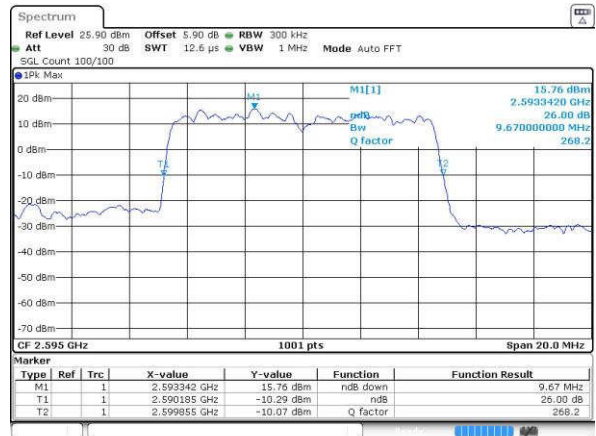
Lowest Channel / 10MHz / 16QAM



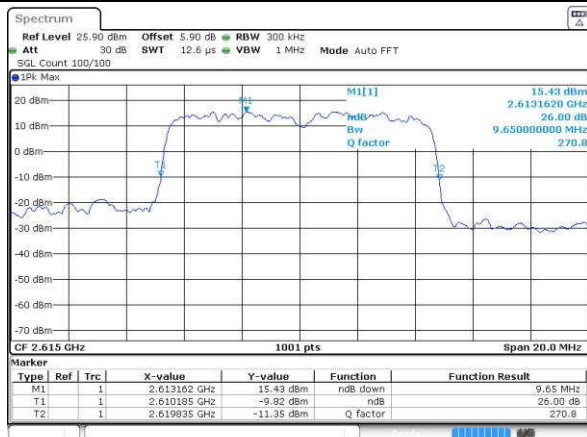
Middle Channel / 10MHz / QPSK



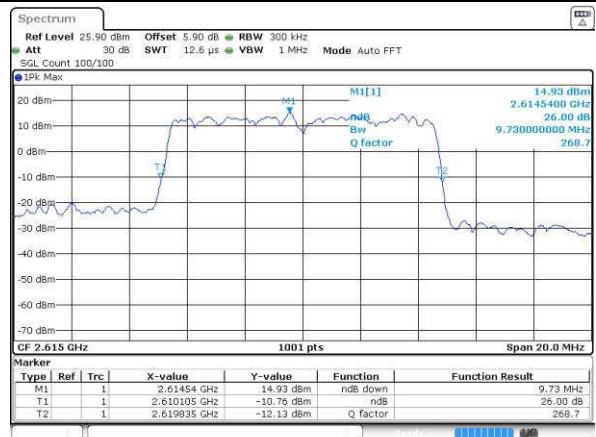
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



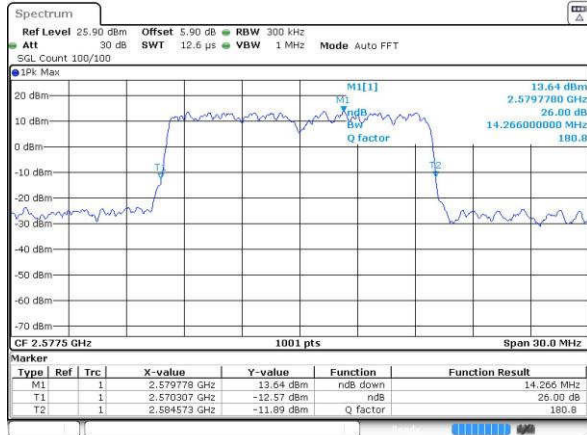
Highest Channel / 10MHz / 16QAM





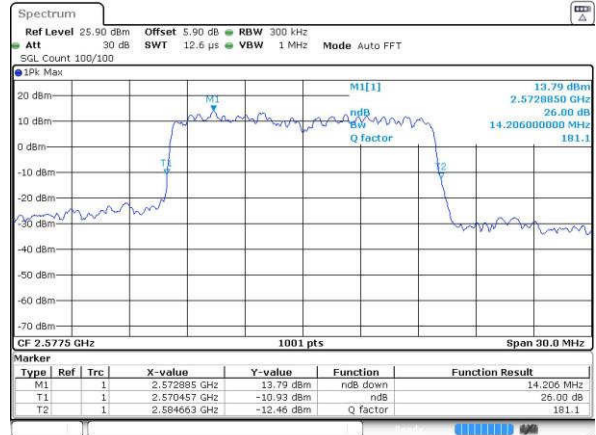
LTE Band 38

Lowest Channel / 15MHz / QPSK



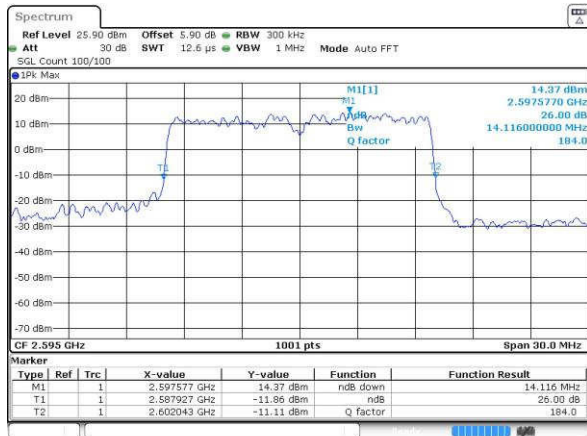
Date: 11 DEC 2016 00:08:42

Lowest Channel / 15MHz / 16QAM



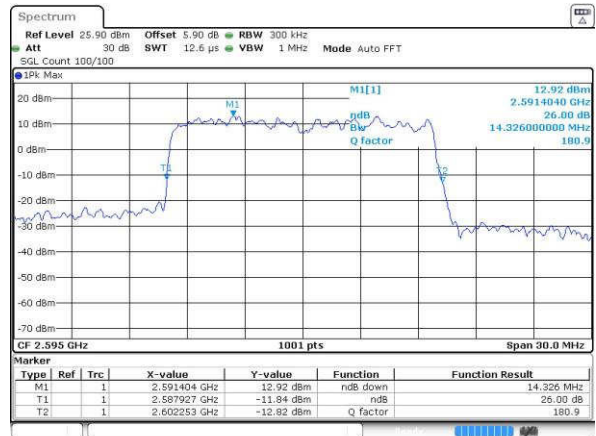
Date: 11 DEC 2016 00:08:11

Middle Channel / 15MHz / QPSK



Date: 11 DEC 2016 00:09:21

Middle Channel / 15MHz / 16QAM



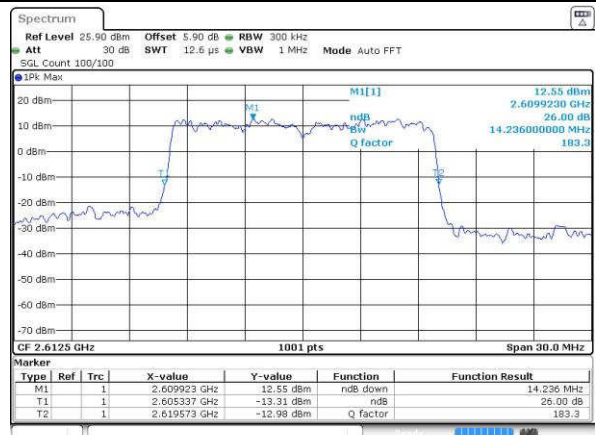
Date: 11 DEC 2016 00:09:54

Highest Channel / 15MHz / QPSK



Date: 11 DEC 2016 00:11:03

Highest Channel / 15MHz / 16QAM

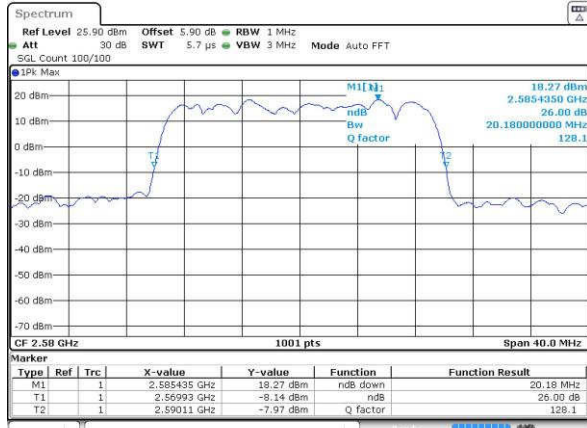


Date: 11 DEC 2016 00:10:42



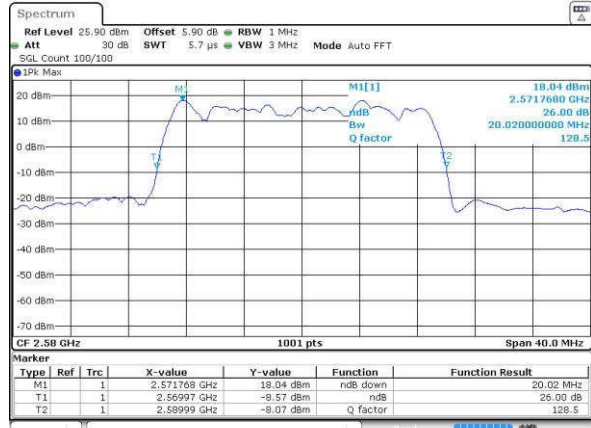
LTE Band 38

Lowest Channel / 20MHz / QPSK



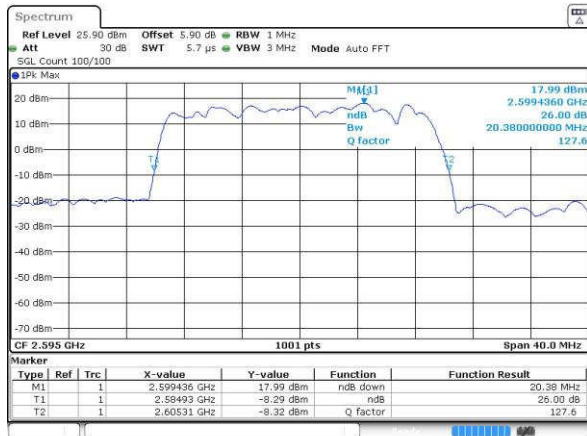
Date: 10 DEC 2016 23:48:15

Lowest Channel / 20MHz / 16QAM



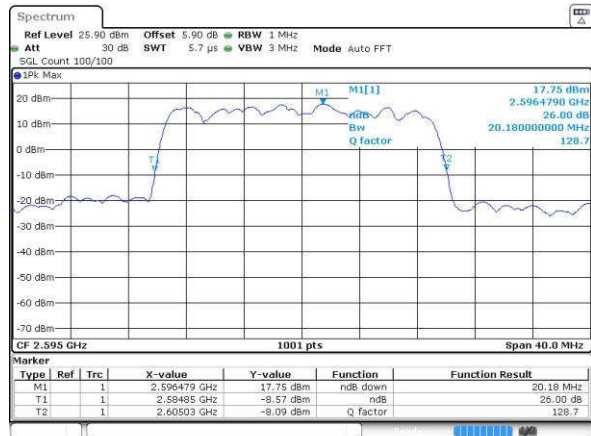
Date: 10 DEC 2016 23:47:51

Middle Channel / 20MHz / QPSK



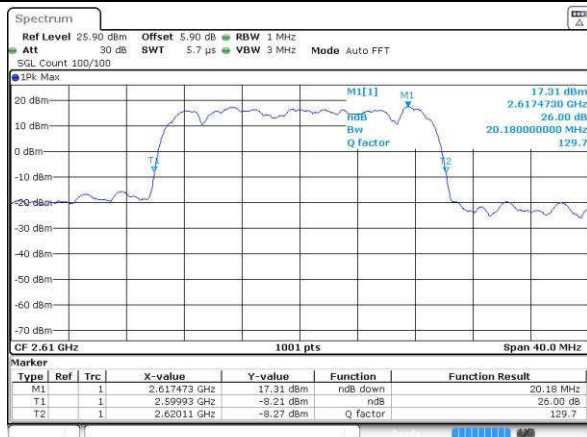
Date: 10 DEC 2016 23:49:19

Middle Channel / 20MHz / 16QAM



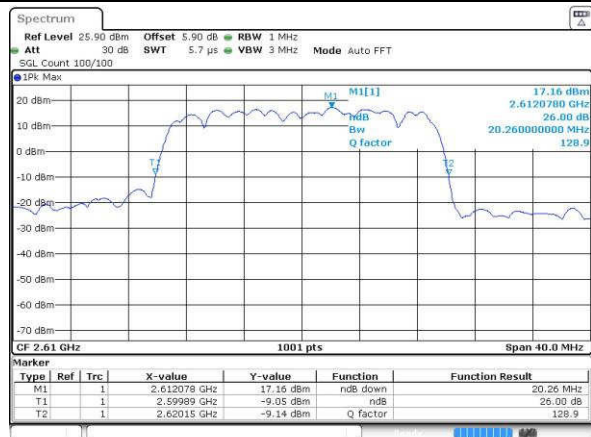
Date: 10 DEC 2016 23:49:46

Highest Channel / 20MHz / QPSK



Date: 10 DEC 2016 23:50:35

Highest Channel / 20MHz / 16QAM

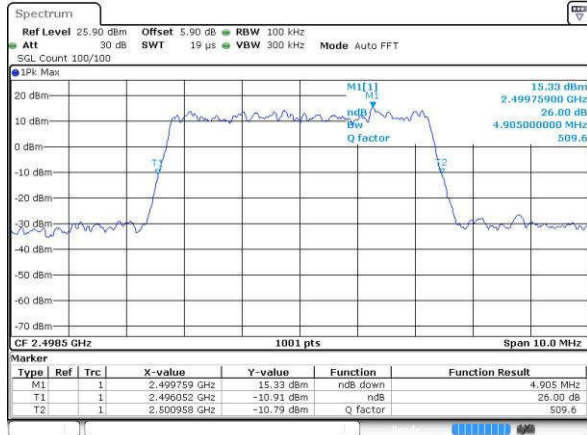


Date: 10 DEC 2016 23:50:07

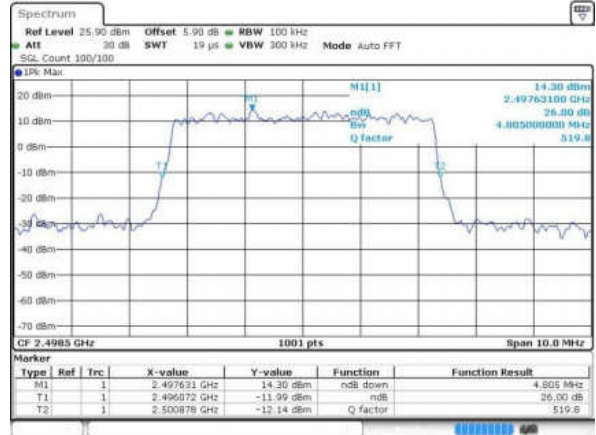


LTE Band 41

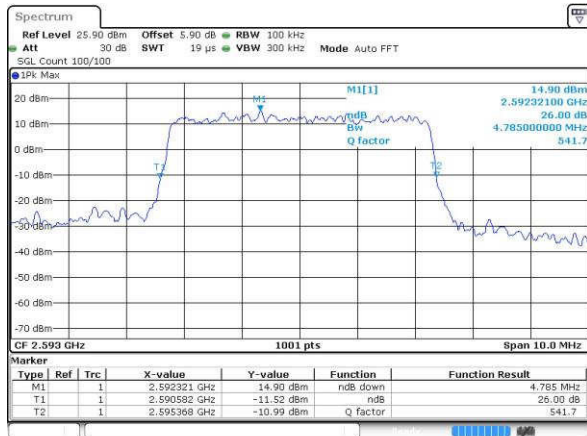
Lowest Channel / 5MHz / QPSK



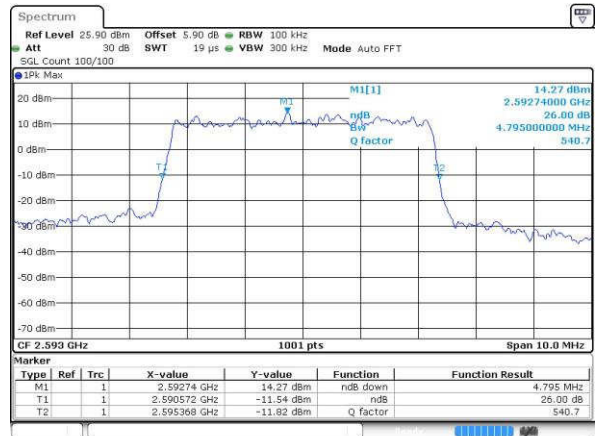
Lowest Channel / 5MHz / 16QAM



Middle Channel / 5MHz / QPSK



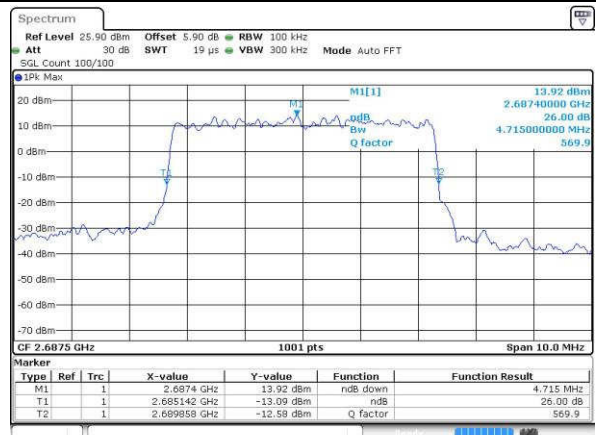
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



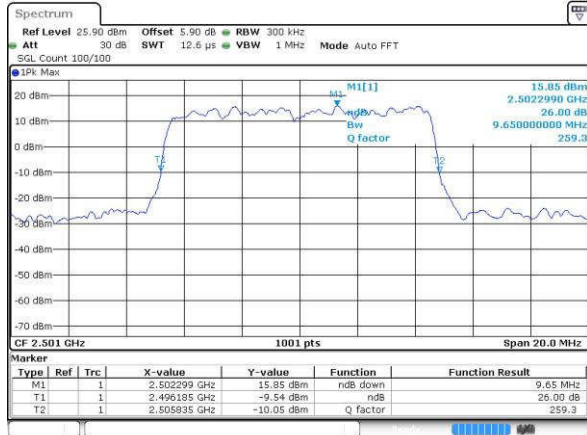
Highest Channel / 5MHz / 16QAM



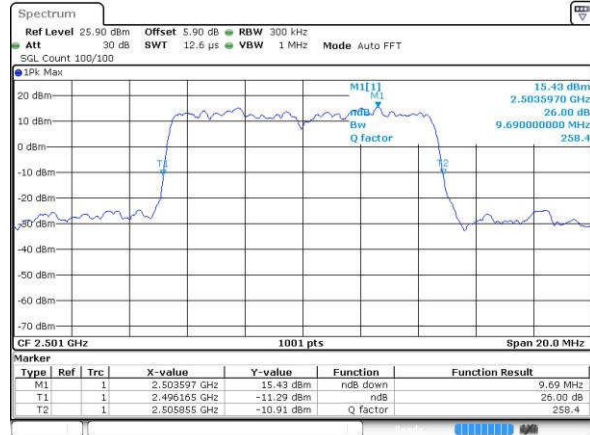


LTE Band 41

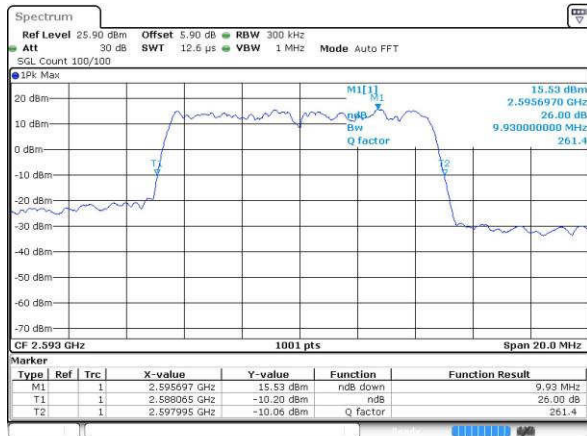
Lowest Channel / 10MHz / QPSK



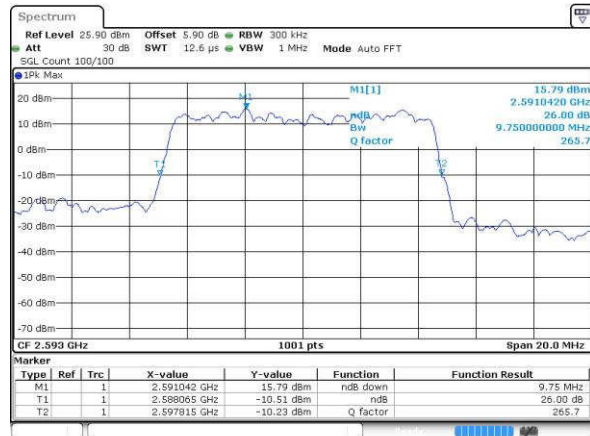
Lowest Channel / 10MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



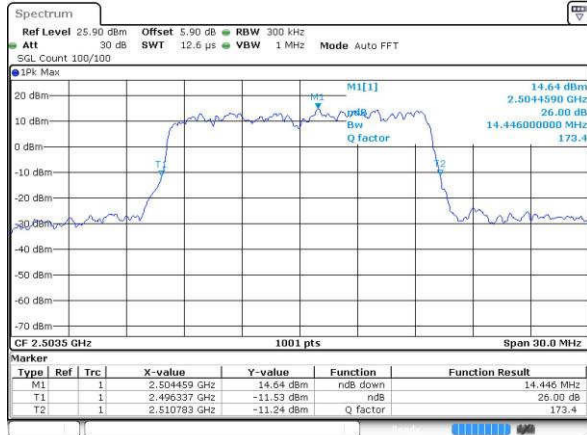
Highest Channel / 10MHz / 16QAM





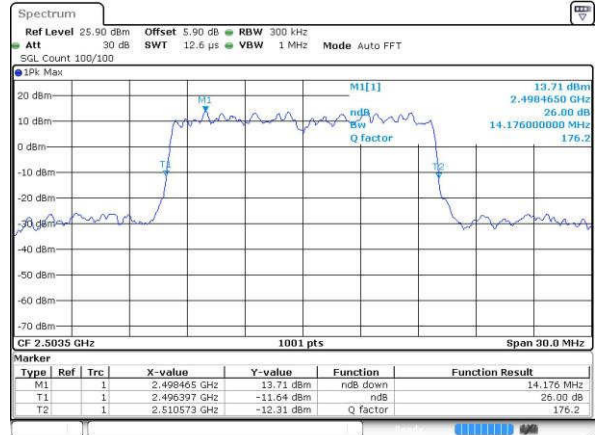
LTE Band 41

Lowest Channel / 15MHz / QPSK



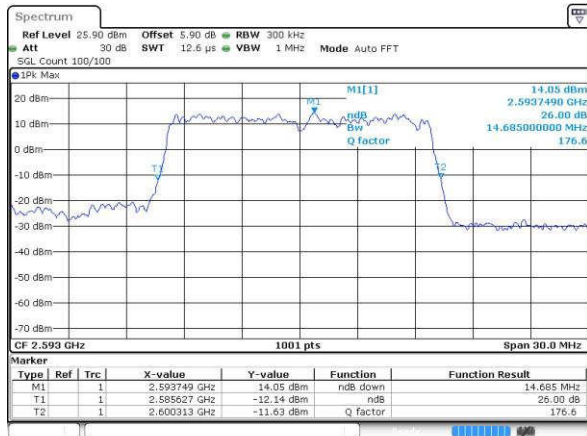
Date: 7 DEC 2016 12:58:56

Lowest Channel / 15MHz / 16QAM



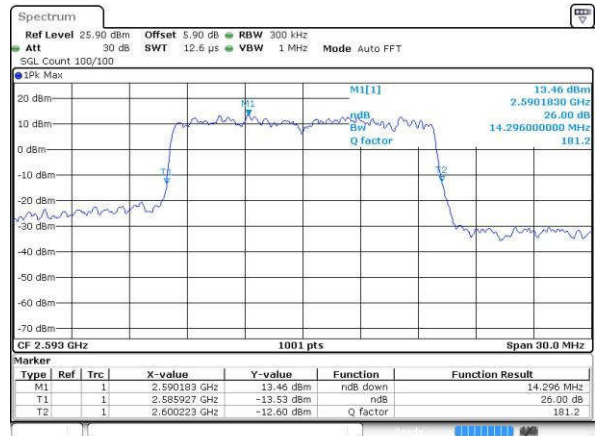
Date: 7 DEC 2016 12:47:01

Middle Channel / 15MHz / QPSK



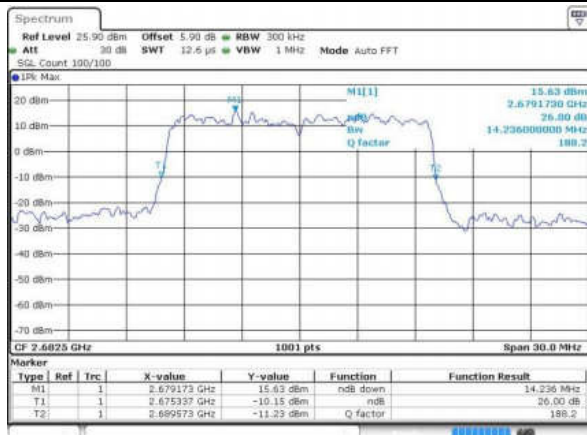
Date: 7 DEC 2016 12:46:02

Middle Channel / 15MHz / 16QAM



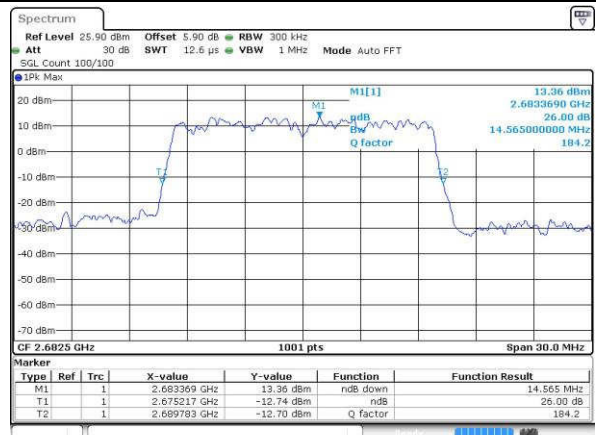
Date: 7 DEC 2016 12:47:35

Highest Channel / 15MHz / QPSK



Date: 15 DEC 2016 19:06:48

Highest Channel / 15MHz / 16QAM

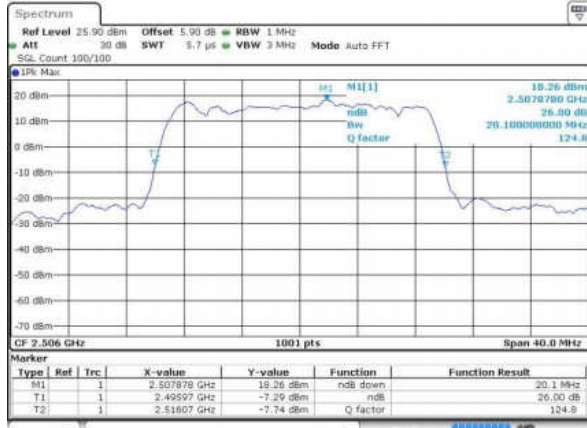


Date: 7 DEC 2016 12:47:58



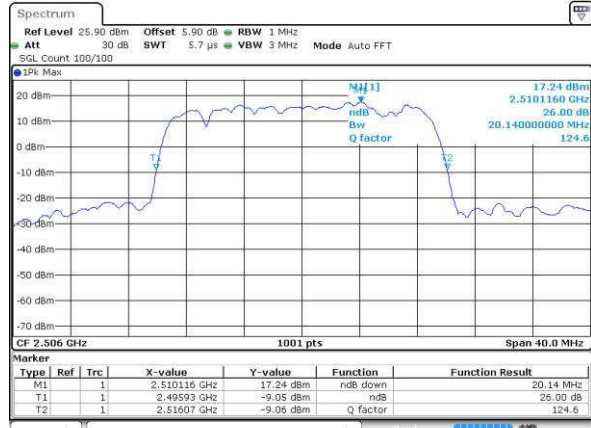
LTE Band 41

Lowest Channel / 20MHz / QPSK



Date: 15 DEC 2016 19:08:02

Lowest Channel / 20MHz / 16QAM



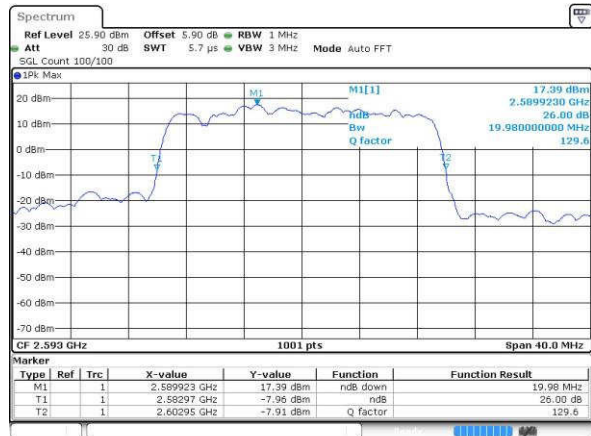
Date: 7 DEC 2016 12:50:14

Middle Channel / 20MHz / QPSK



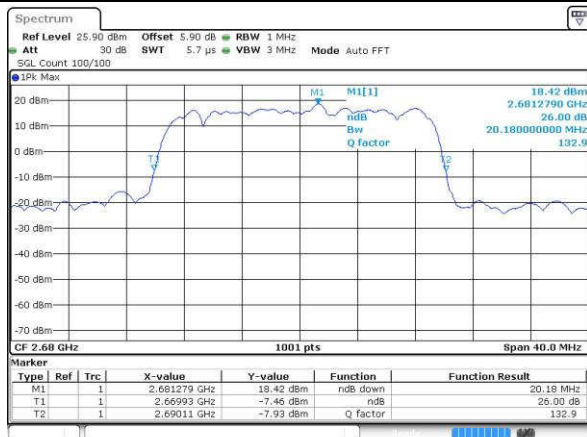
Date: 7 DEC 2016 13:14:36

Middle Channel / 20MHz / 16QAM



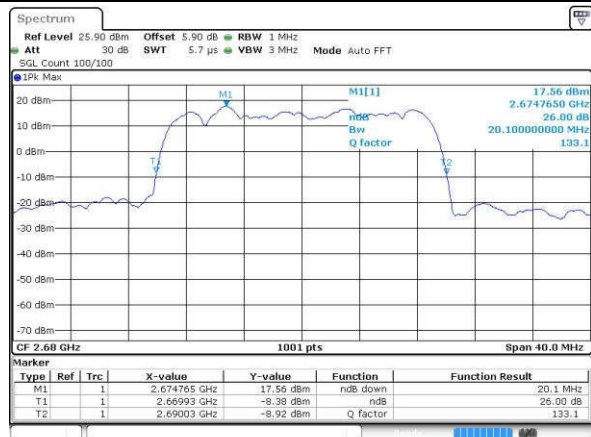
Date: 7 DEC 2016 12:50:42

Highest Channel / 20MHz / QPSK



Date: 7 DEC 2016 12:49:46

Highest Channel / 20MHz / 16QAM



Date: 7 DEC 2016 12:51:17

**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	2.71	4.48	4.51	9.09	8.97	13.40	13.43	18.38	18.30
Middle CH	1.09	1.09	2.72	2.72	4.49	4.48	8.99	9.03	13.43	13.46	18.22	18.38
Highest CH	1.09	1.09	2.72	2.71	4.50	4.51	9.07	8.97	13.52	13.43	18.34	18.54

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	2.73	2.70	4.50	4.48	9.07	9.01	13.49	13.43	18.42	18.34
Middle CH	1.09	1.09	2.72	2.72	4.50	4.49	9.03	8.99	13.49	13.46	18.46	18.38
Highest CH	1.09	1.09	2.74	2.72	4.46	4.49	9.03	8.97	13.43	13.40	18.38	18.34

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	2.71	2.72	4.49	4.51	9.01	9.05	-	-	-	-
Middle CH	1.10	1.09	2.72	2.72	4.50	4.48	9.05	9.07	-	-	-	-
Highest CH	1.08	1.09	2.71	2.73	4.48	4.52	9.01	9.03	-	-	-	-

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.48	9.07	9.01	13.43	13.49	18.42	18.34
Middle CH	-	-	-	-	4.49	4.48	8.99	9.03	13.37	13.55	18.42	18.26
Highest CH	-	-	-	-	4.48	4.48	8.99	9.01	13.49	13.43	18.42	18.30



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	2.70	2.72	4.48	4.49	9.09	9.09	-	-	-	-
Middle CH	1.09	1.09	2.71	2.72	4.48	4.50	9.05	8.99	-	-	-	-
Highest CH	1.09	1.09	2.74	2.70	4.49	4.51	8.93	9.01	-	-	-	-

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.49	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	4.49	9.03	8.97	-	-	-	-
Highest CH	-	-	-	-	4.47	4.48	-	-	-	-	-	-

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.51	8.97	8.95	-	-	-	-
Middle CH	-	-	-	-	4.49	4.48	9.01	8.97	-	-	-	-
Highest CH	-	-	-	-	4.50	4.49	9.01	9.05	-	-	-	-

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	-	-	-	-	-	-
Middle CH	-	-	-	-	-	-	-	-	-	-	-	-
Highest CH	1.09	1.09	2.73	2.72	4.50	4.48	8.93	8.99	13.43	13.43	18.30	18.46



Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.48	4.49	9.03	9.03	13.40	13.46	13.34	13.46
Middle CH	1.09	1.08	2.70	2.72	4.50	4.51	9.05	8.97	13.40	13.43	-	-
Highest CH	1.10	1.09	2.71	2.71	4.49	4.49	9.03	8.99	13.46	13.46	-	-

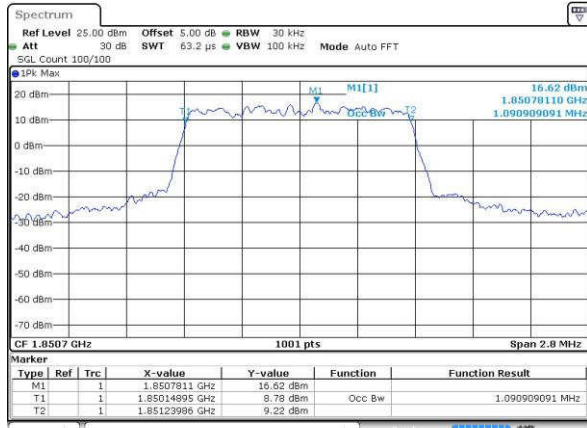
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.51	9.01	8.97	13.49	13.49	18.34	18.22
Middle CH	-	-	-	-	4.48	4.45	8.99	9.09	13.49	13.49	18.38	18.42
Highest CH	-	-	-	-	4.49	4.49	8.99	8.99	13.43	13.37	18.34	18.34

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.01	8.97	13.52	13.43	18.42	18.38
Middle CH	-	-	-	-	4.48	4.50	8.99	9.05	13.40	13.40	18.62	18.34
Highest CH	-	-	-	-	4.48	4.49	9.03	9.05	13.52	13.40	18.22	18.42

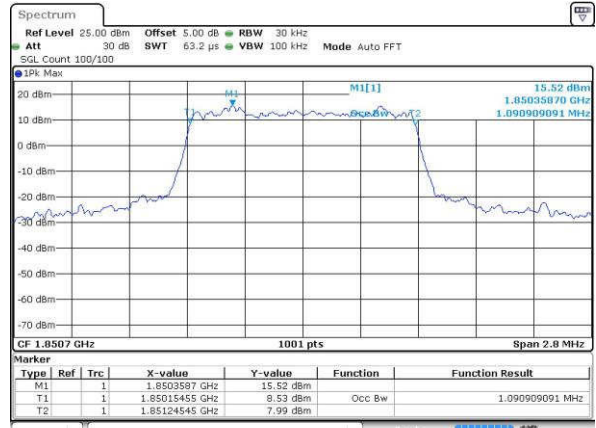


LTE Band 2

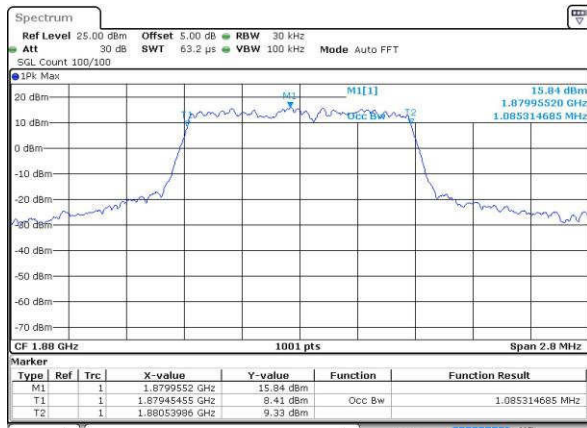
Lowest Channel / 1.4MHz / QPSK



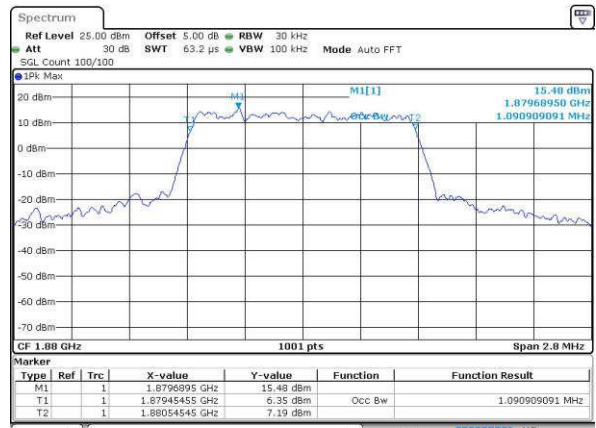
Lowest Channel / 1.4MHz / 16QAM



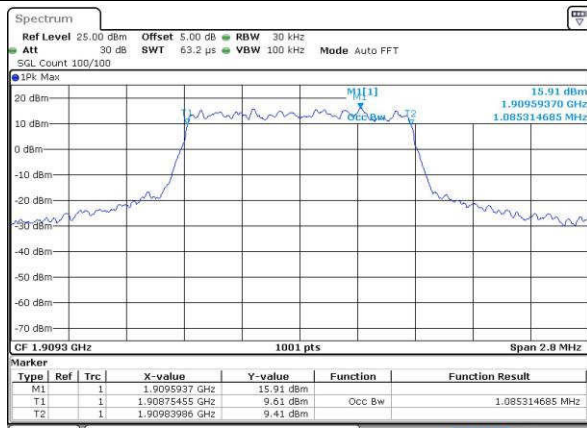
Middle Channel / 1.4MHz / QPSK



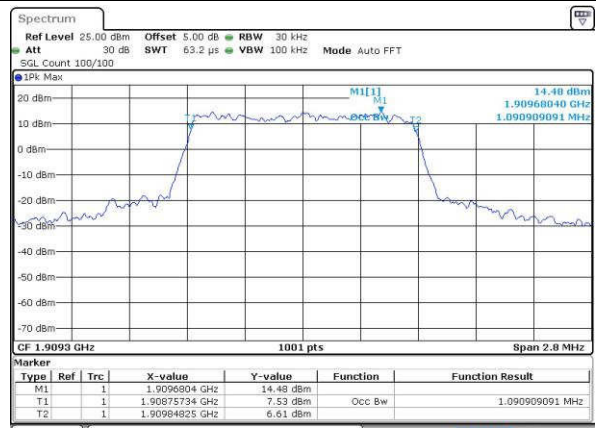
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



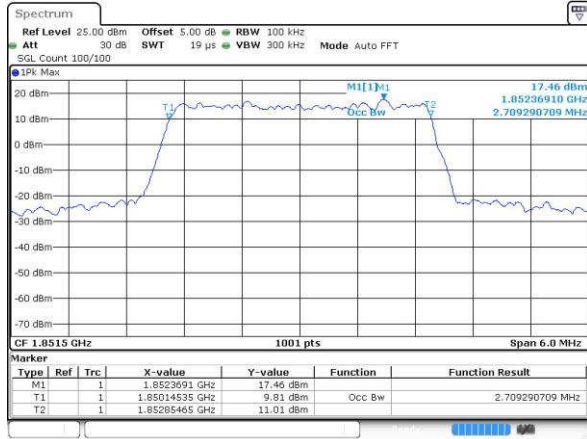
Highest Channel / 1.4MHz / 16QAM



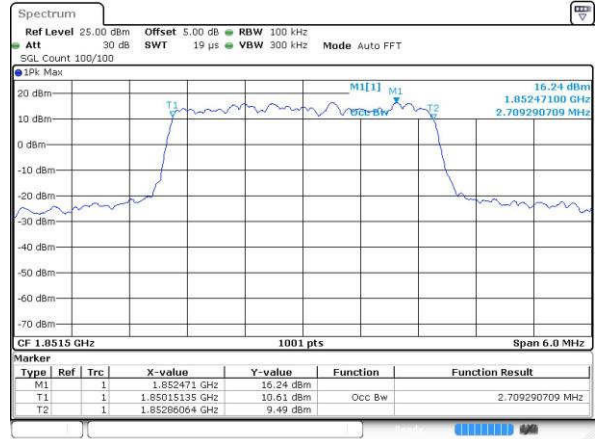


LTE Band 2

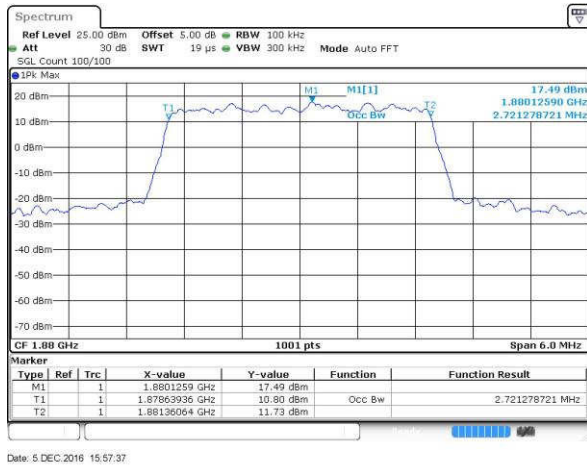
Lowest Channel / 3MHz / QPSK



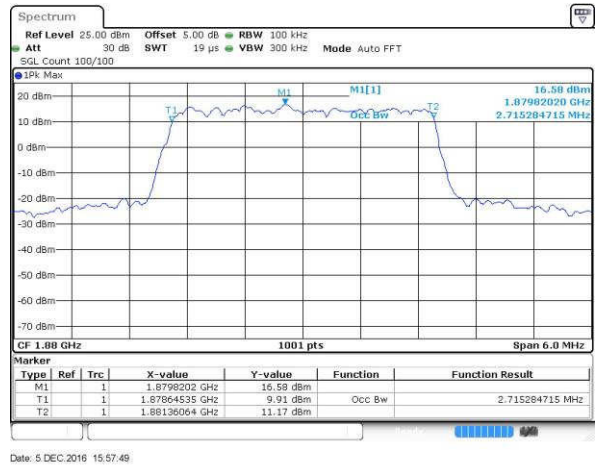
Lowest Channel / 3MHz / 16QAM



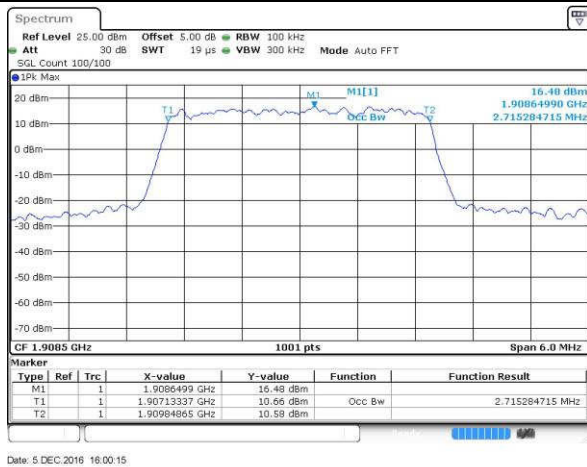
Middle Channel / 3MHz / QPSK



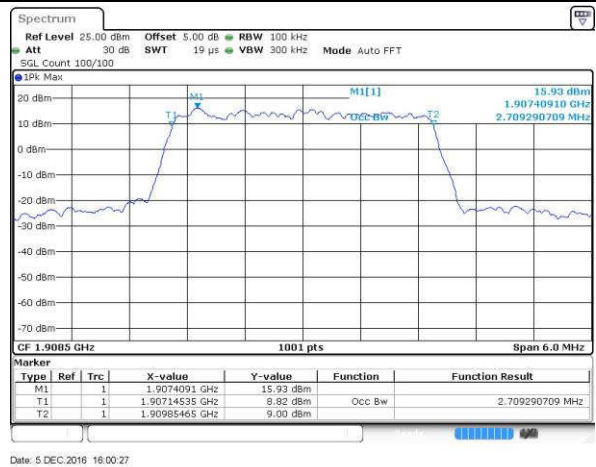
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



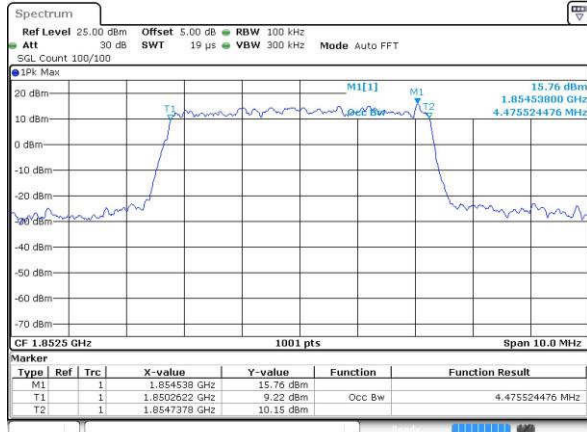
Highest Channel / 3MHz / 16QAM



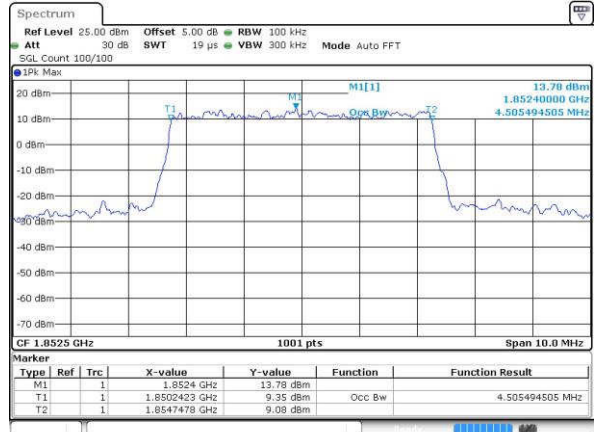


LTE Band 2

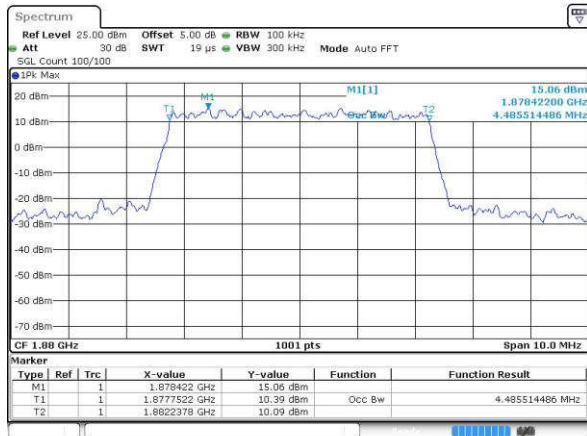
Lowest Channel / 5MHz / QPSK



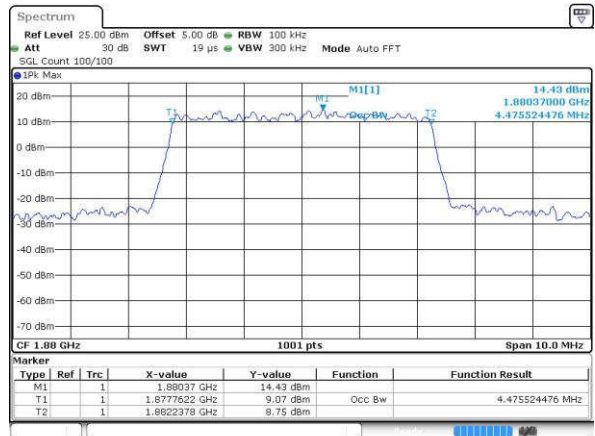
Lowest Channel / 5MHz / 16QAM



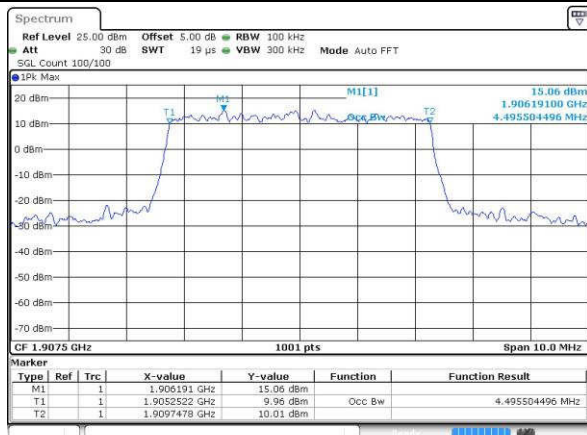
Middle Channel / 5MHz / QPSK



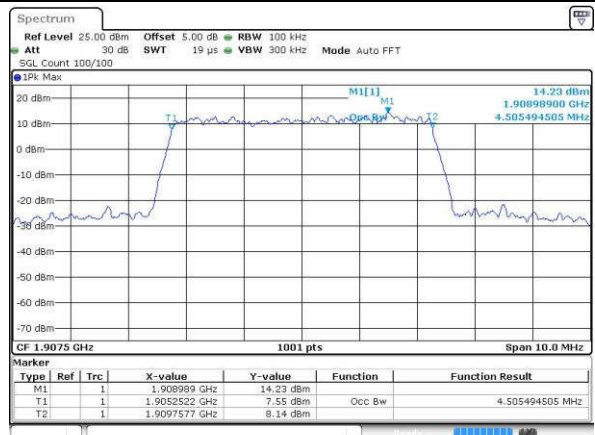
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



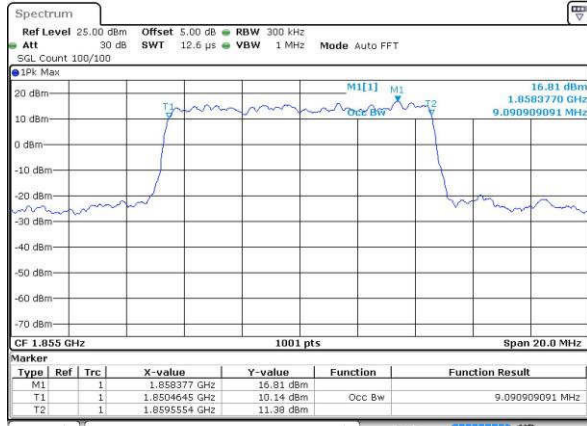
Highest Channel / 5MHz / 16QAM



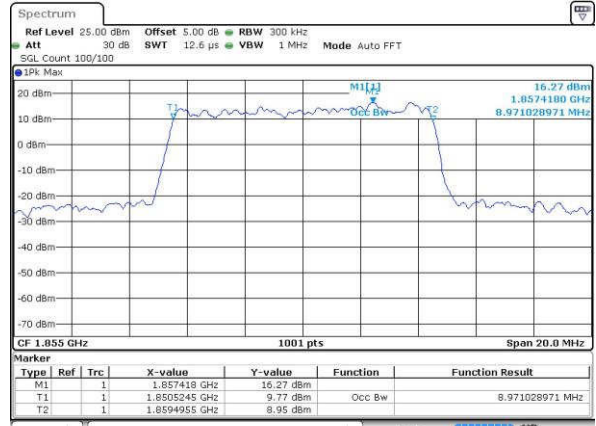


LTE Band 2

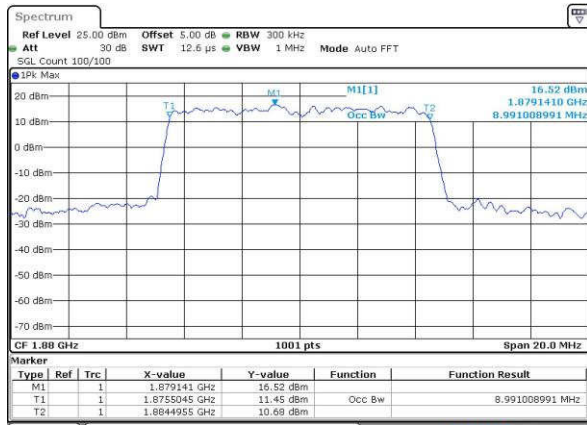
Lowest Channel / 10MHz / QPSK



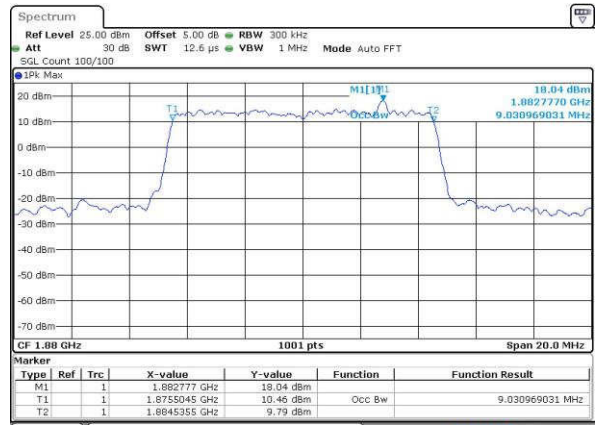
Lowest Channel / 10MHz / 16QAM



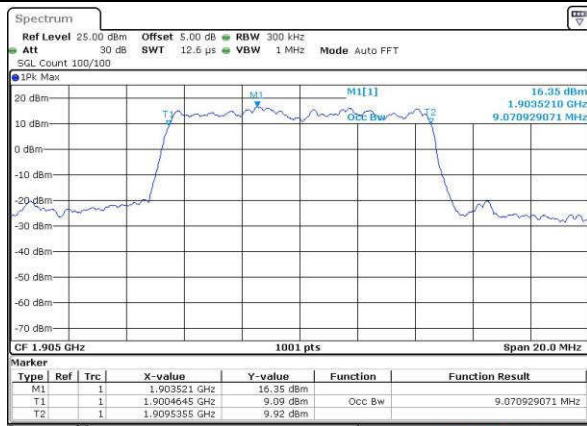
Middle Channel / 10MHz / QPSK



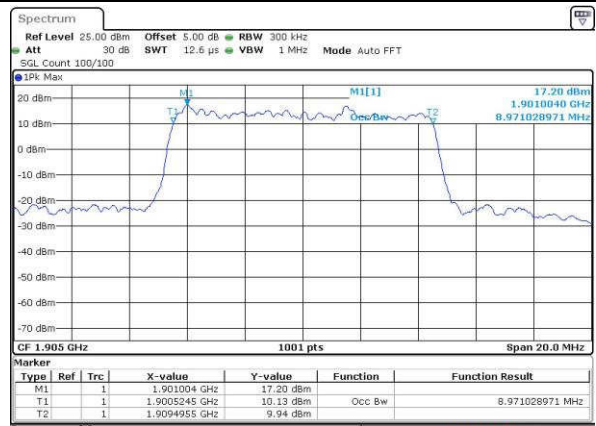
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



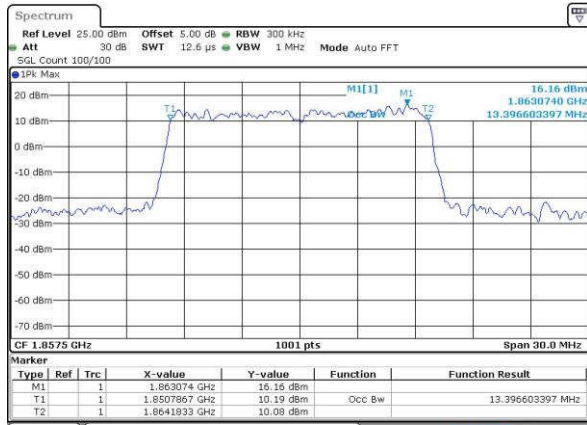
Highest Channel / 10MHz / 16QAM





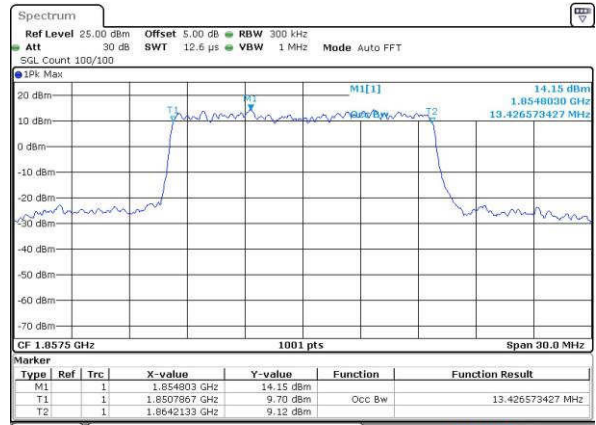
LTE Band 2

Lowest Channel / 15MHz / QPSK



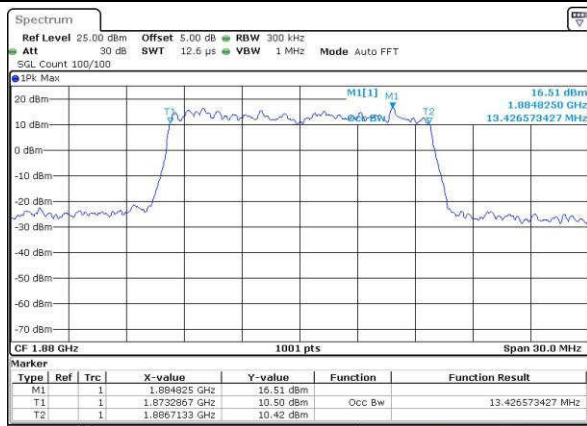
Date: 5 DEC 2016 16:41:38

Lowest Channel / 15MHz / 16QAM



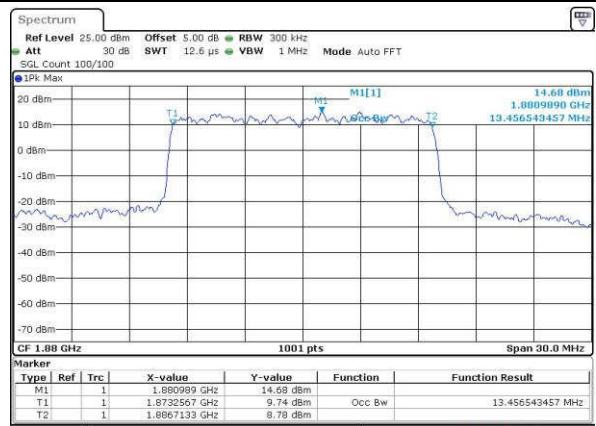
Date: 5 DEC 2016 16:41:50

Middle Channel / 15MHz / QPSK



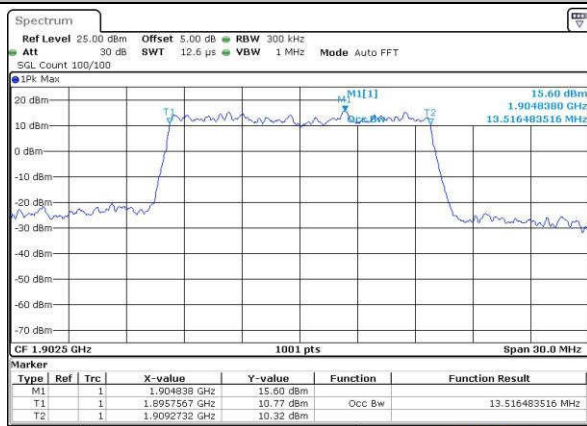
Date: 5 DEC 2016 16:48:52

Middle Channel / 15MHz / 16QAM



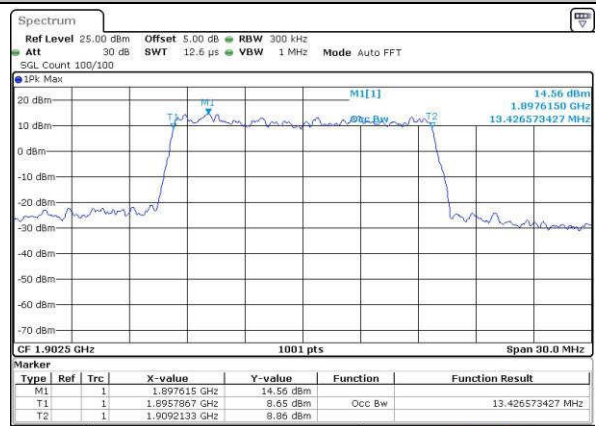
Date: 5 DEC 2016 16:49:03

Highest Channel / 15MHz / QPSK



Date: 5 DEC 2016 16:51:30

Highest Channel / 15MHz / 16QAM

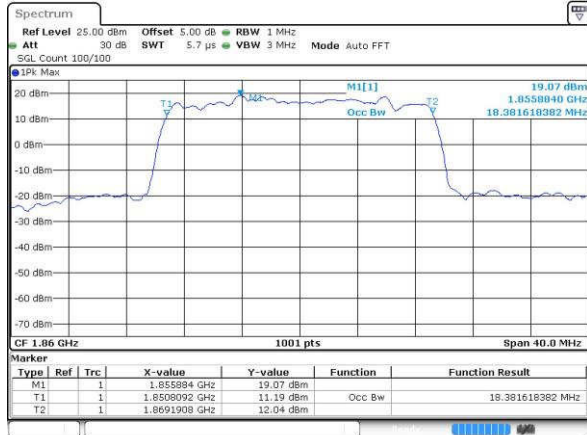


Date: 5 DEC 2016 16:51:41



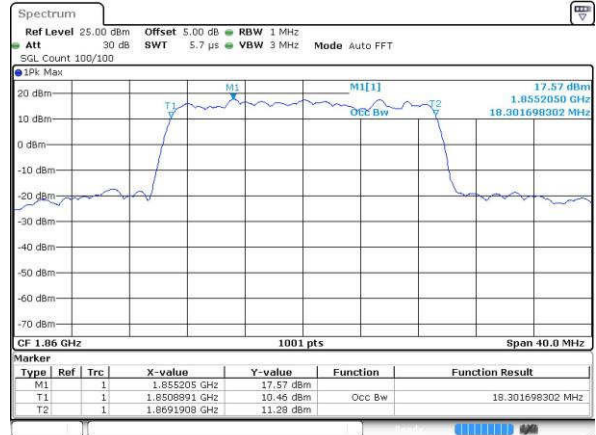
LTE Band 2

Lowest Channel / 20MHz / QPSK



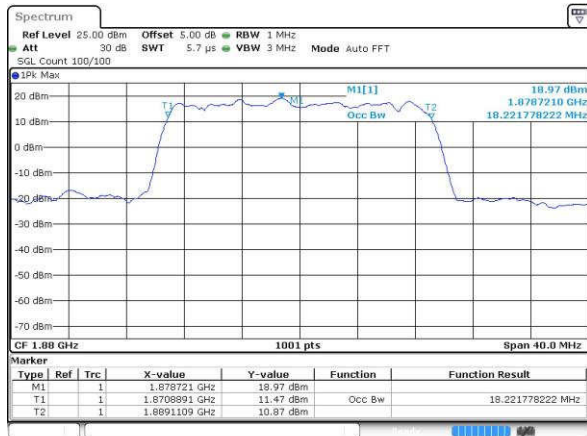
Date: 5 DEC 2016 16:58:43

Lowest Channel / 20MHz / 16QAM



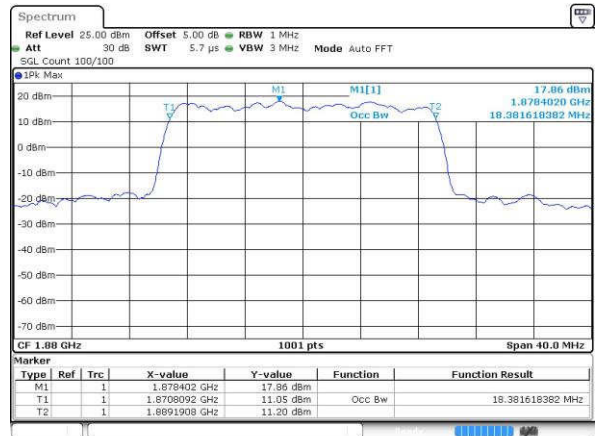
Date: 5 DEC 2016 16:58:55

Middle Channel / 20MHz / QPSK



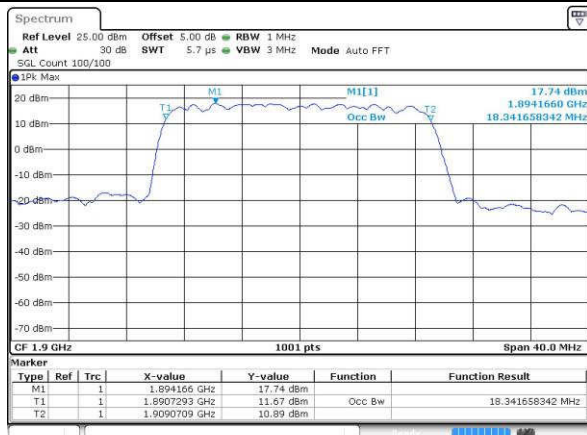
Date: 5 DEC 2016 17:05:56

Middle Channel / 20MHz / 16QAM



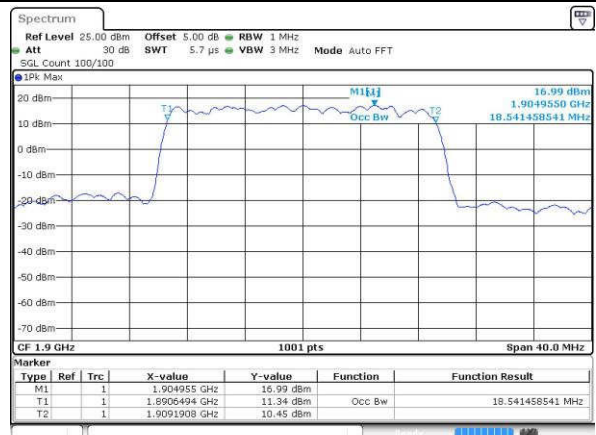
Date: 5 DEC 2016 17:06:08

Highest Channel / 20MHz / QPSK



Date: 5 DEC 2016 17:08:34

Highest Channel / 20MHz / 16QAM

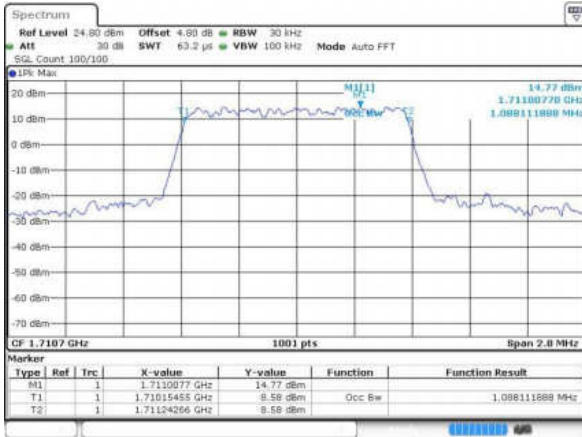


Date: 5 DEC 2016 17:08:46

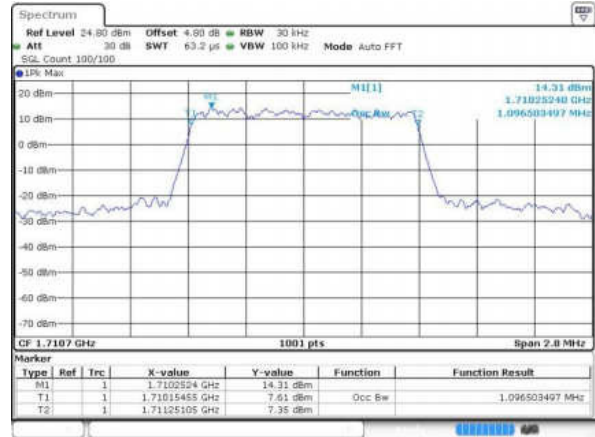


LTE Band 4

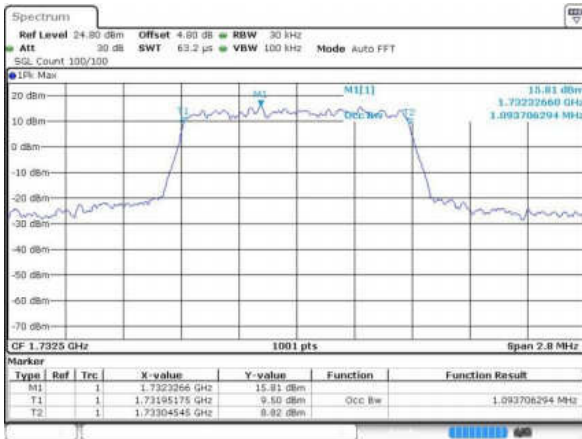
LowestChannel /1.4MHz / QPSK



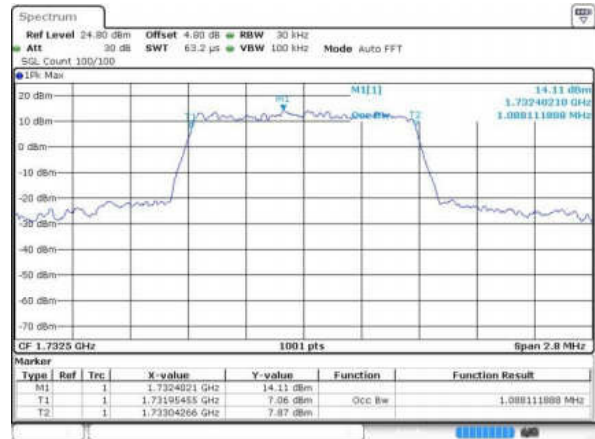
Lowest Channel /1.4MHz / 16QAM



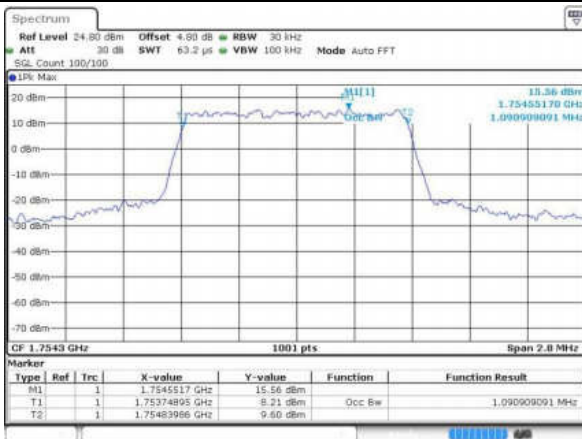
MiddleChannel /1.4MHz / QPSK



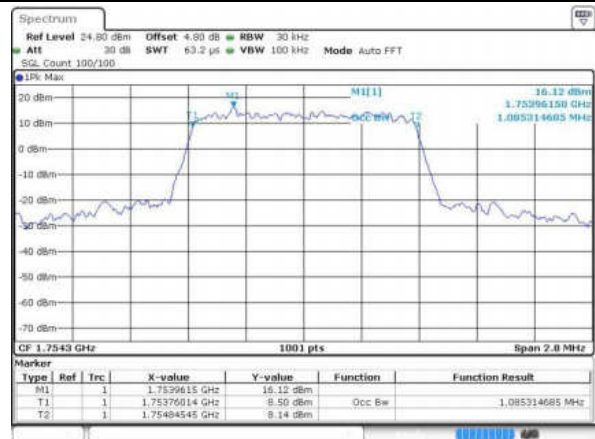
MiddleChannel /1.4MHz / 16QAM



HighestChannel /1.4MHz / QPSK



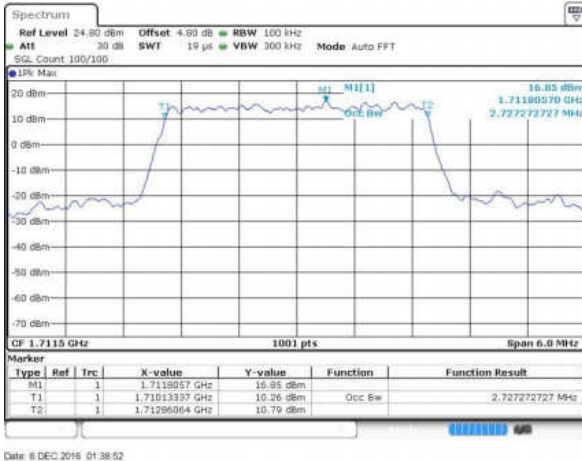
HighestChannel /1.4MHz / 16QAM



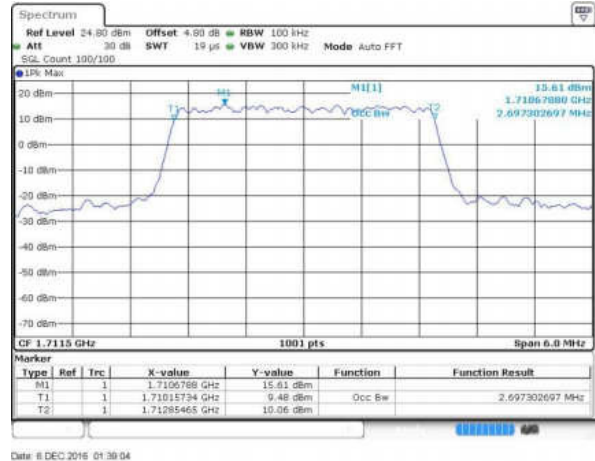


LTE Band 4

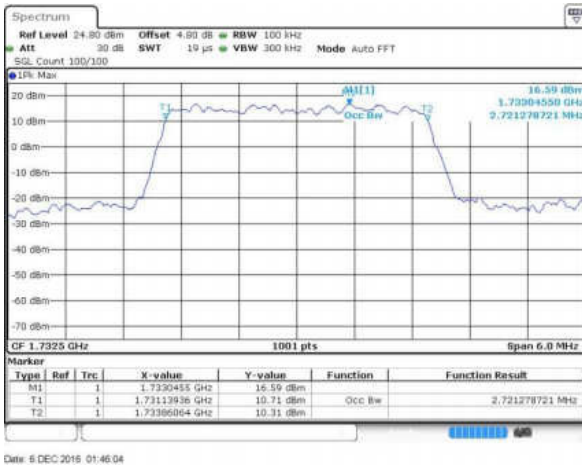
LowestChannel /3MHz / QPSK



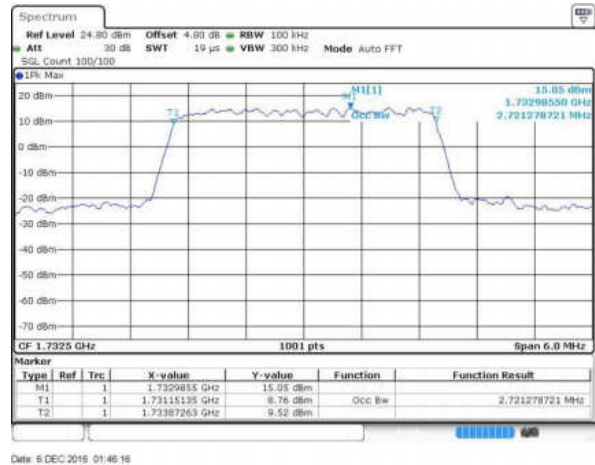
Lowest Channel /3MHz / 16QAM



Middle Channel /3MHz / QPSK



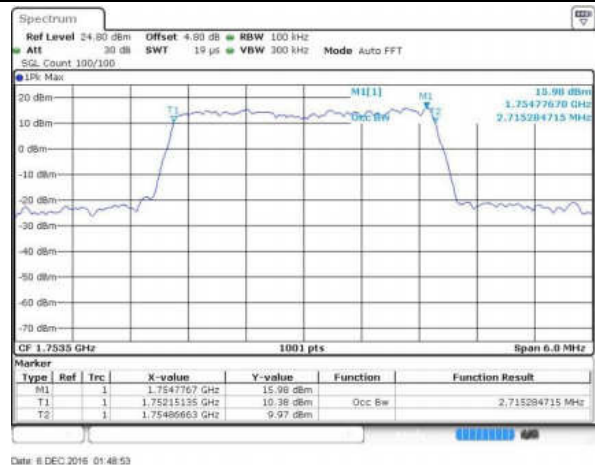
Middle Channel /3MHz / 16QAM



HighestChannel /3MHz / QPSK



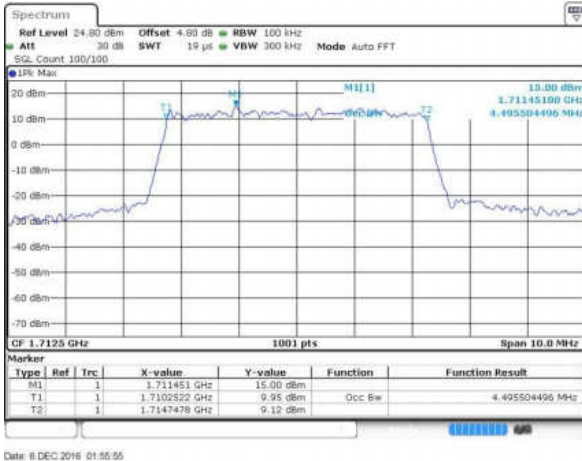
HighestChannel /3MHz / 16QAM



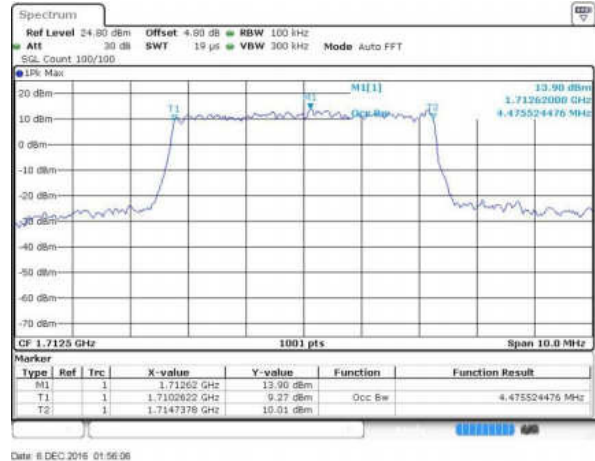


LTE Band 4

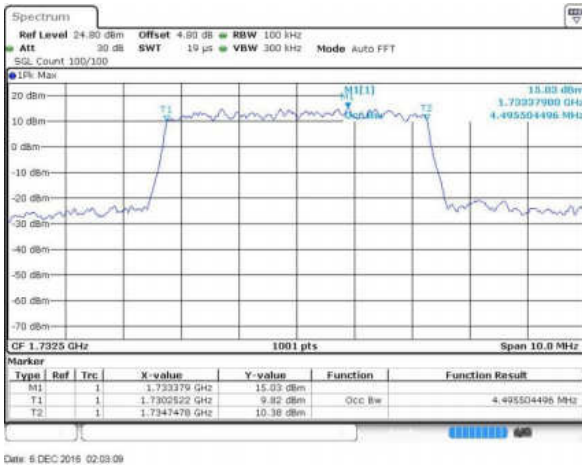
Lowest Channel /5MHz / QPSK



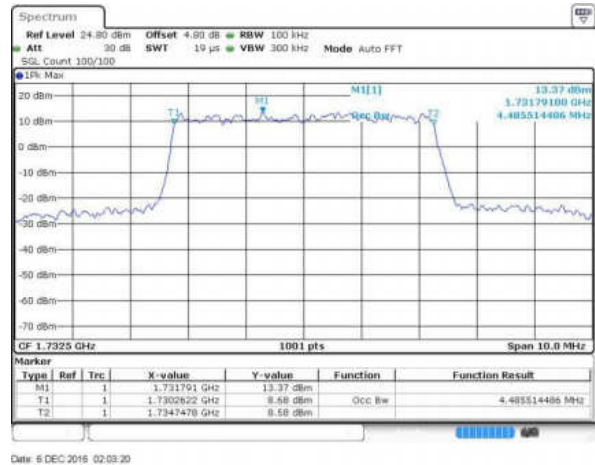
Lowest Channel /5MHz / 16QAM



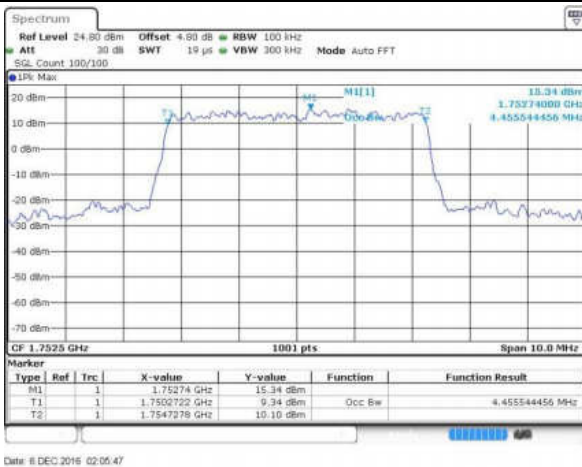
Middle Channel /5MHz / QPSK



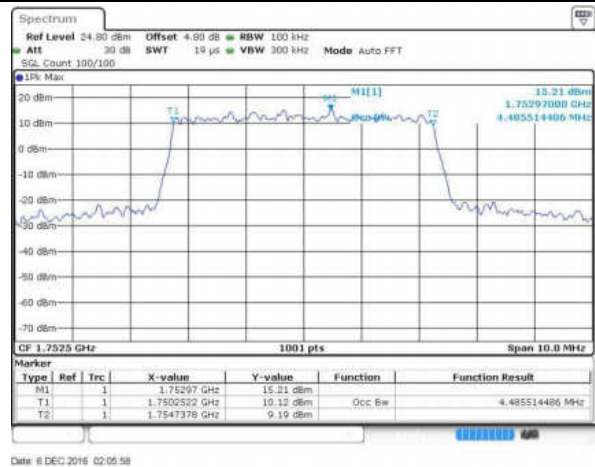
Middle Channel /5MHz / 16QAM



HighestChannel /5MHz / QPSK



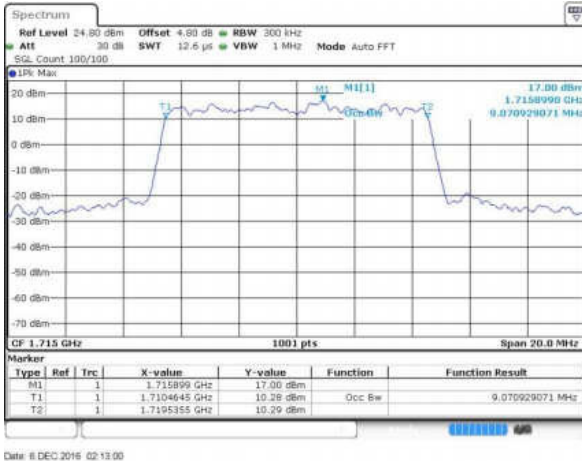
HighestChannel /5MHz / 16QAM



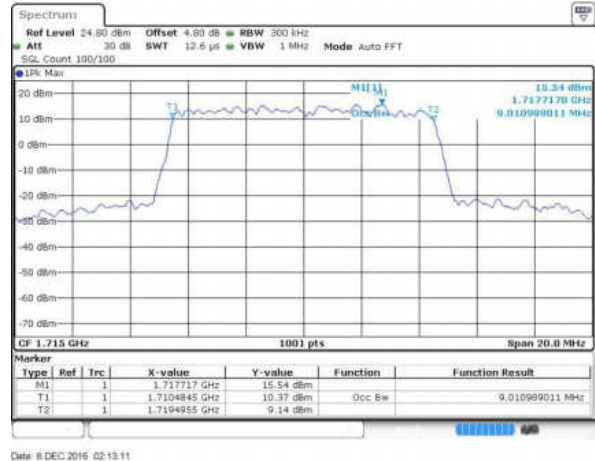


LTE Band 4

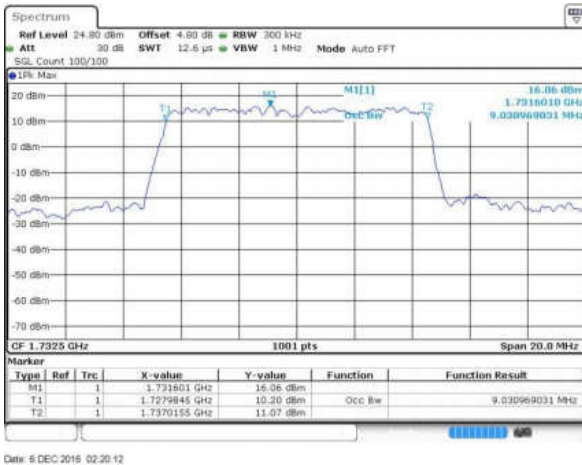
Lowest Channel / 10MHz / QPSK



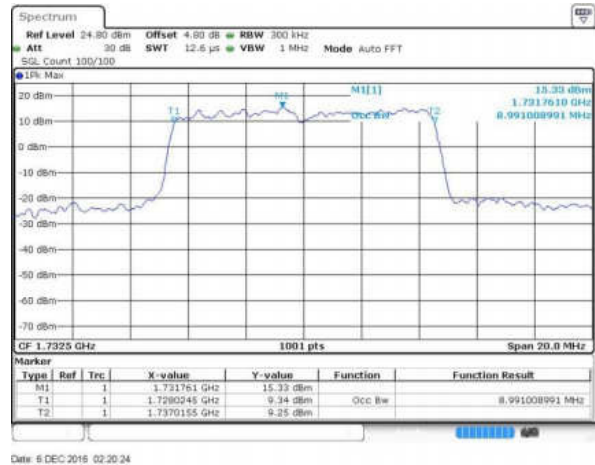
Lowest Channel / 10MHz / 16QAM



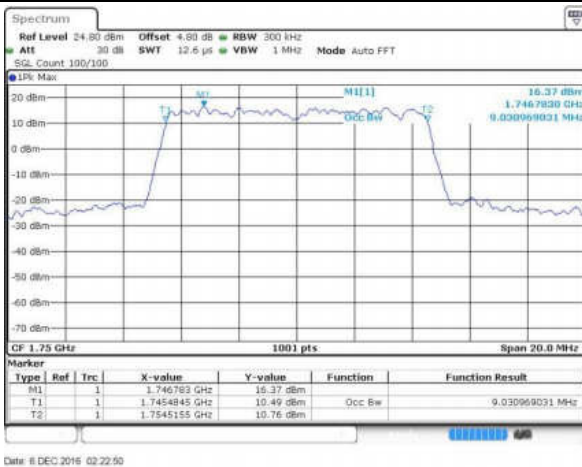
Middle Channel / 10MHz / QPSK



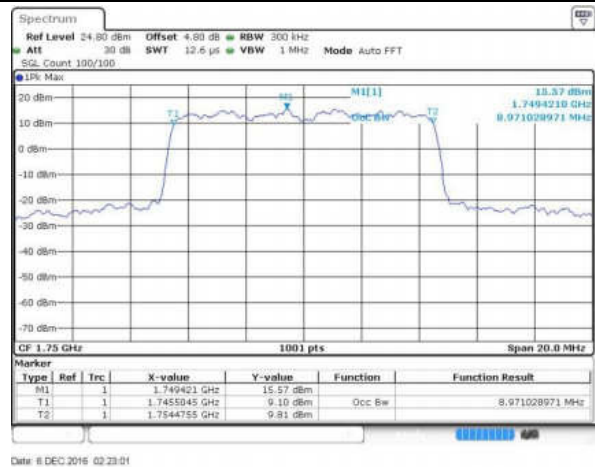
Middle Channel / 10MHz / 16QAM

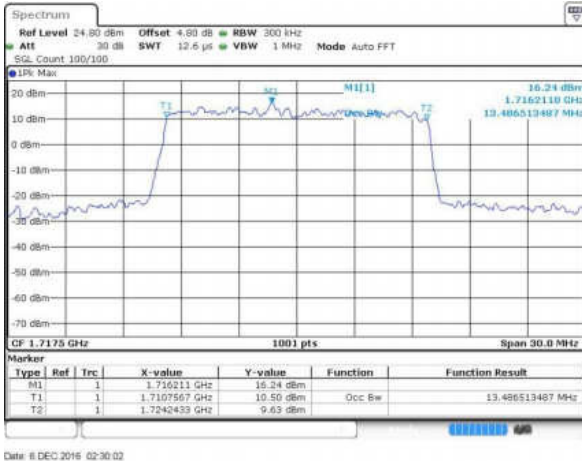
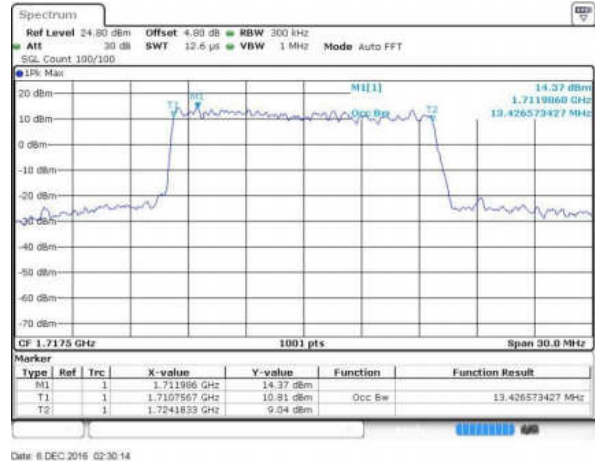
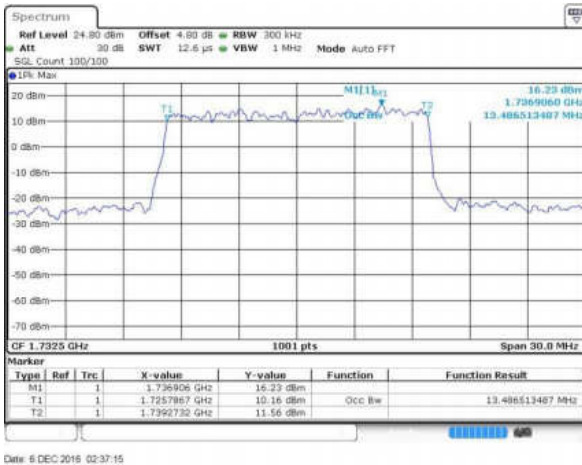
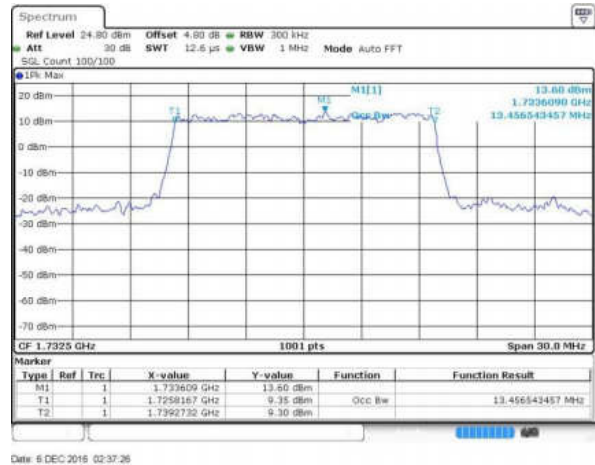
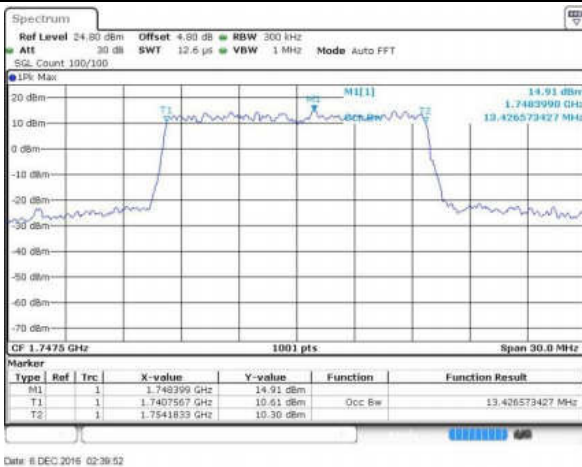
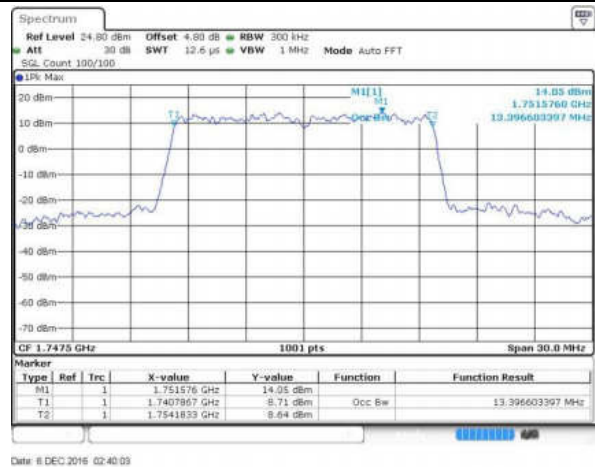


HighestChannel / 10MHz / QPSK



HighestChannel / 10MHz / 16QAM

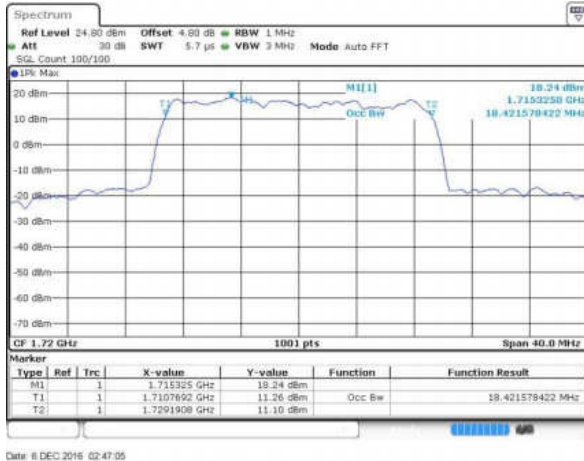


**LTE Band 4****Lowest Channel / 15MHz / QPSK****Lowest Channel / 15MHz / 16QAM****Middle Channel /15MHz / QPSK****Middle Channel /15MHz / 16QAM****HighestChannel /15MHz / QPSK****HighestChannel /15MHz / 16QAM**

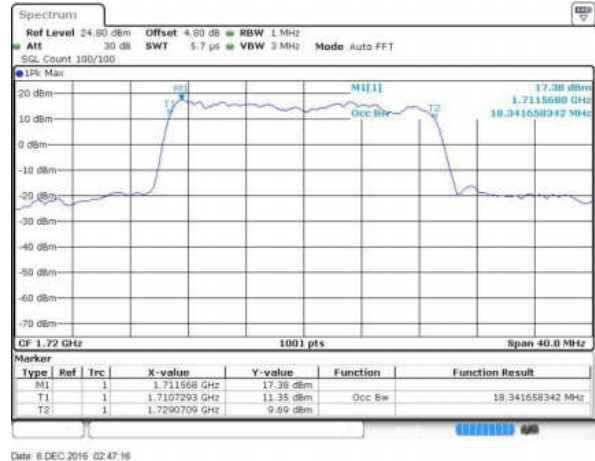


LTE Band 4

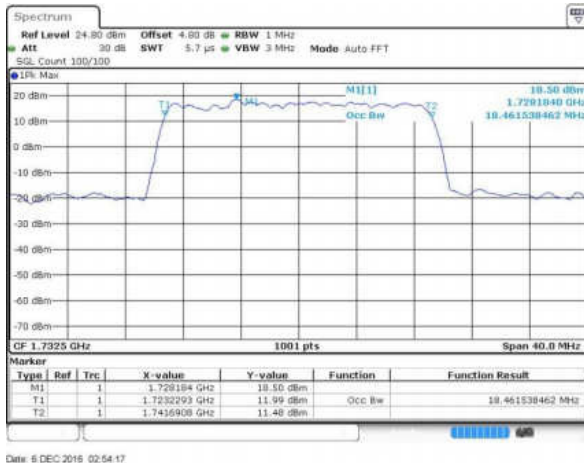
LowestChannel /20MHz / QPSK



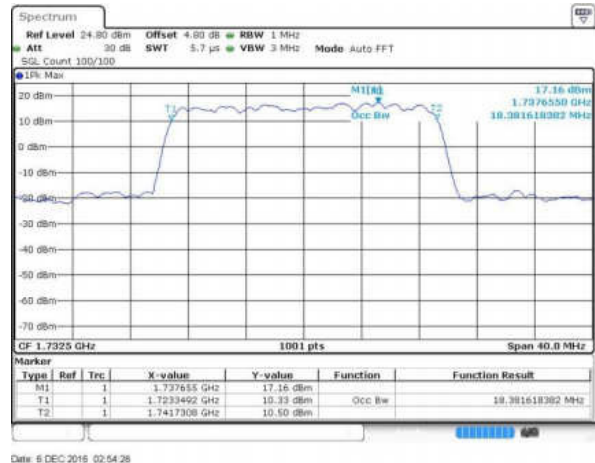
Lowest Channel /20MHz / 16QAM



Middle Channel /20MHz / QPSK



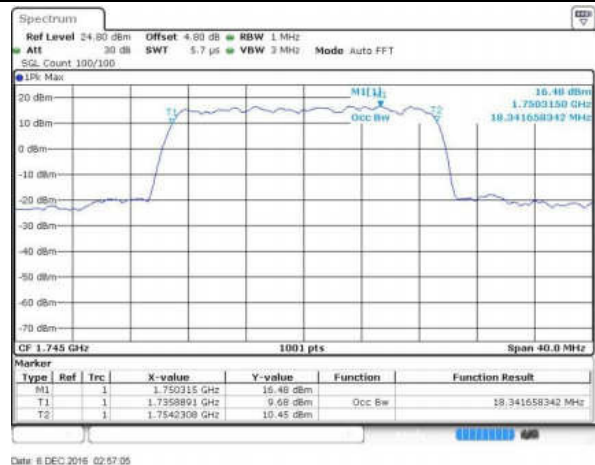
Middle Channel /20MHz / 16QAM



HighestChannel /20MHz / QPSK



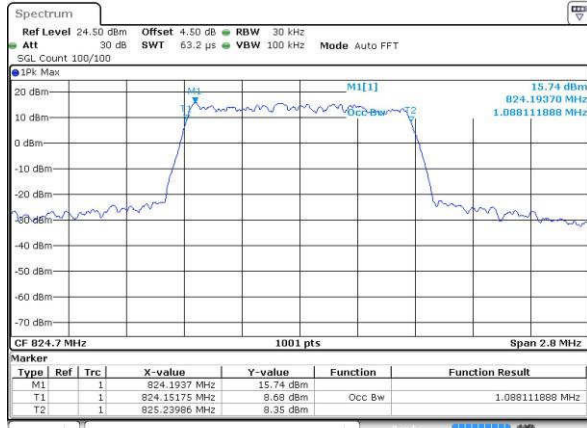
HighestChannel /20MHz / 16QAM





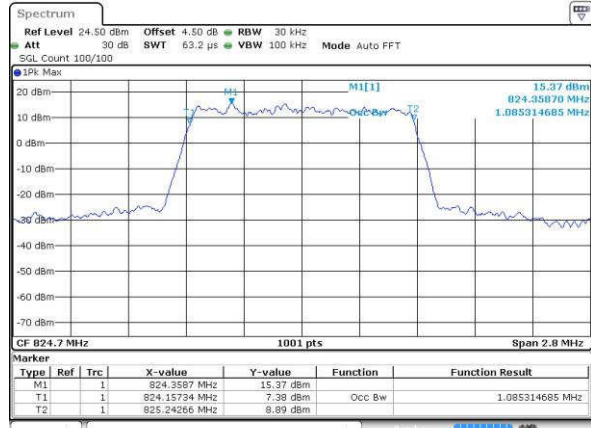
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



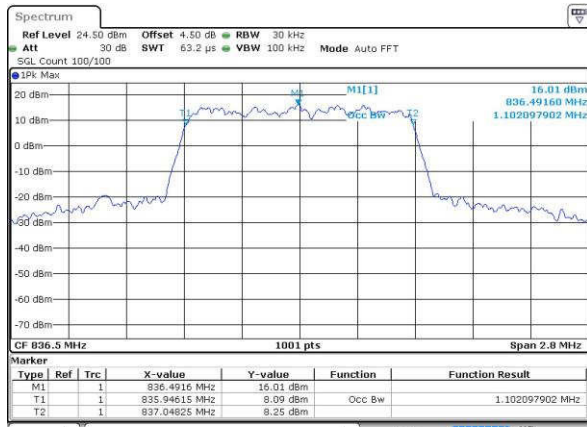
Date: 5 DEC 2016 20:17:32

Lowest Channel / 1.4MHz / 16QAM



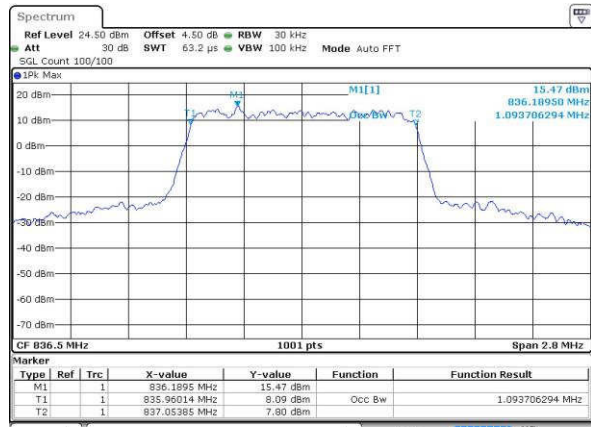
Date: 5 DEC 2016 20:17:43

Middle Channel / 1.4MHz / QPSK



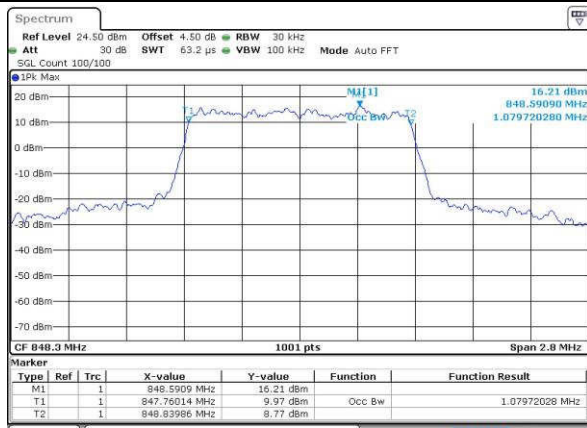
Date: 5 DEC 2016 20:26:45

Middle Channel / 1.4MHz / 16QAM



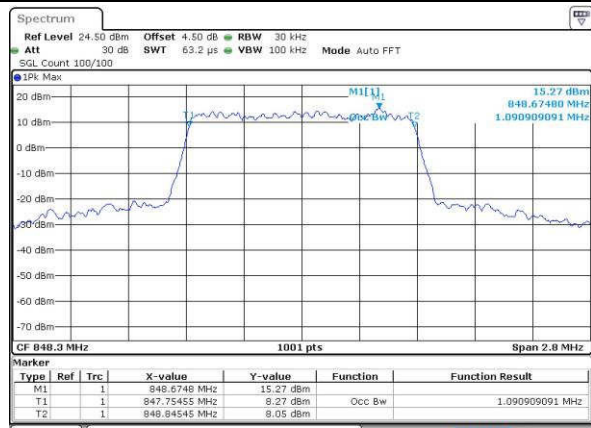
Date: 5 DEC 2016 20:26:56

Highest Channel / 1.4MHz / QPSK



Date: 5 DEC 2016 20:29:22

Highest Channel / 1.4MHz / 16QAM

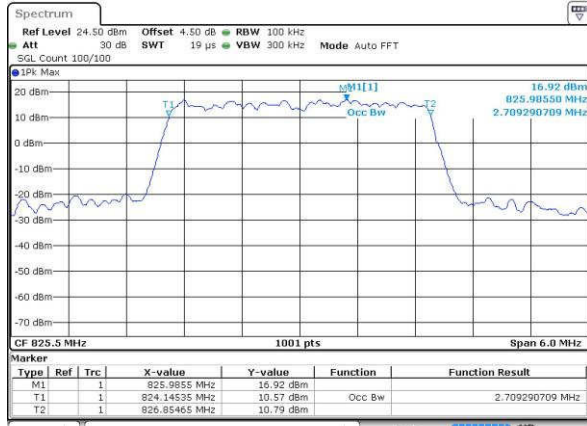


Date: 5 DEC 2016 20:29:34

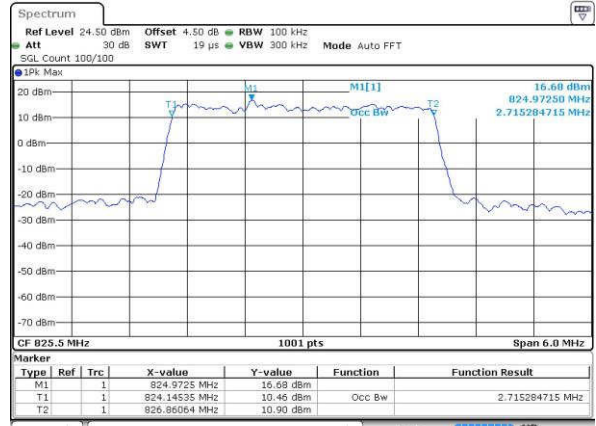


LTE Band 5

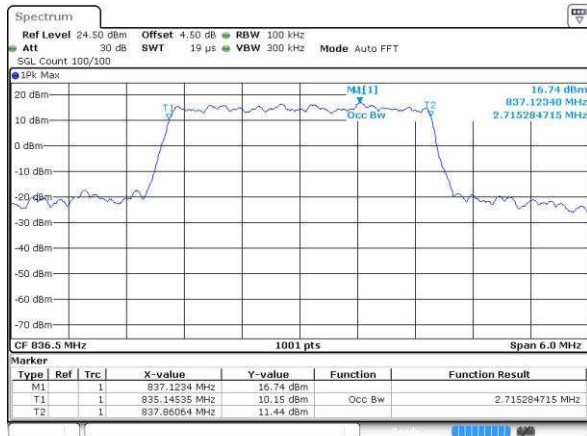
Lowest Channel / 3MHz / QPSK



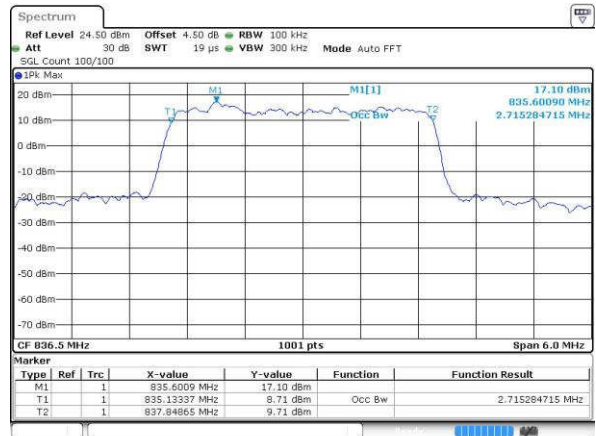
Lowest Channel / 3MHz / 16QAM



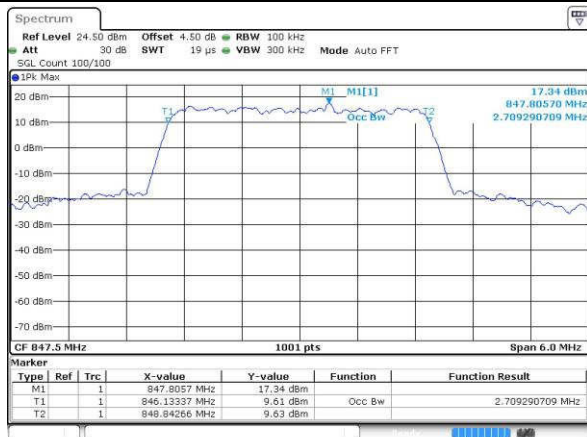
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



Highest Channel / 3MHz / 16QAM

