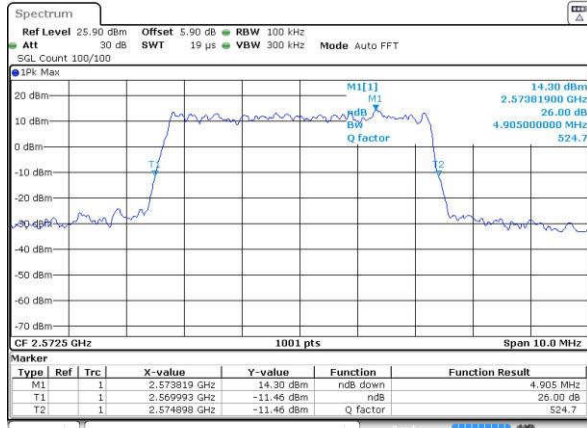


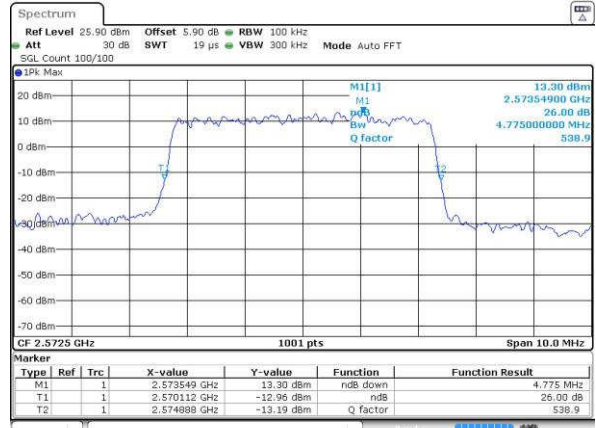


LTE Band 38

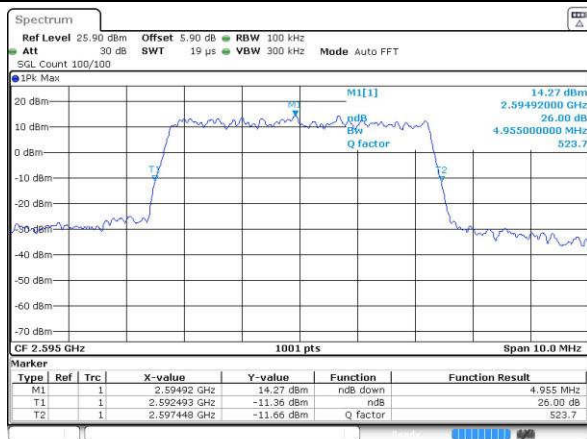
Lowest Channel / 5MHz / QPSK



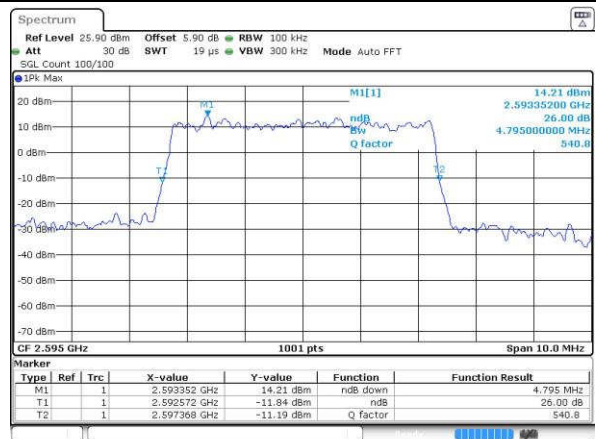
Lowest Channel / 5MHz / 16QAM



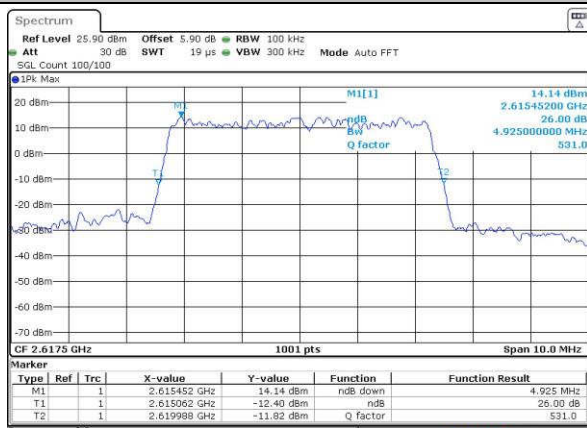
Middle Channel / 5MHz / QPSK



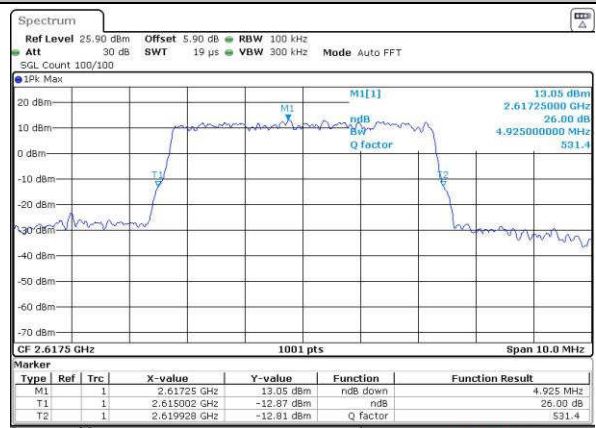
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



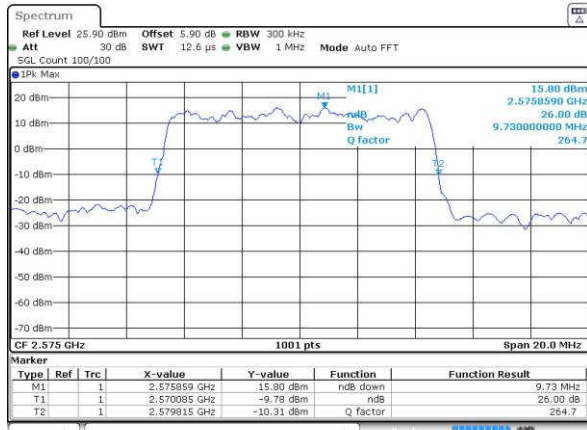
Highest Channel / 5MHz / 16QAM



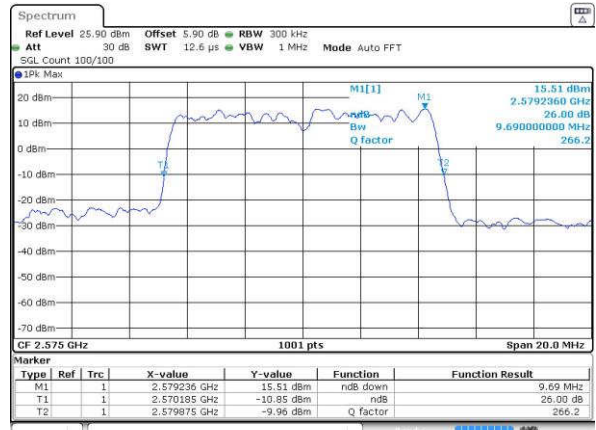


LTE Band 38

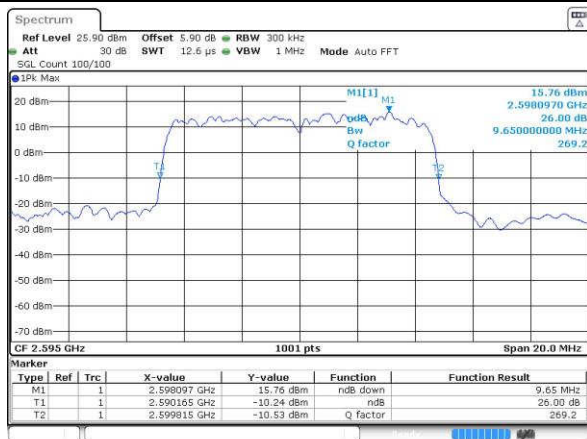
Lowest Channel / 10MHz / QPSK



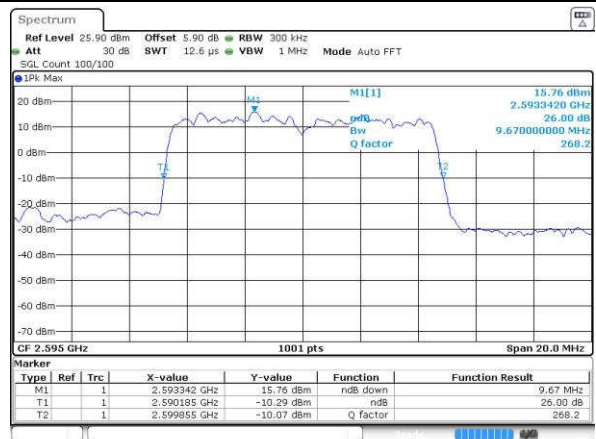
Lowest Channel / 10MHz / 16QAM



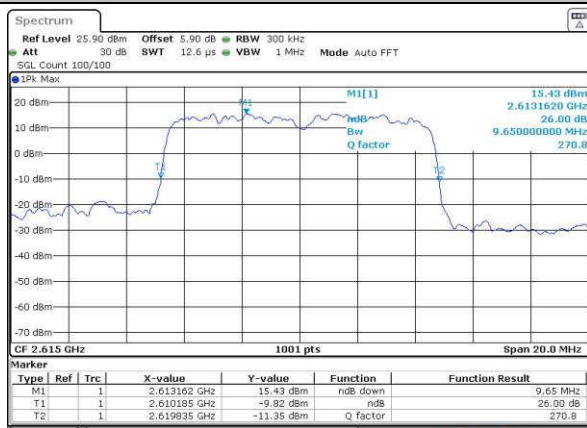
Middle Channel / 10MHz / QPSK



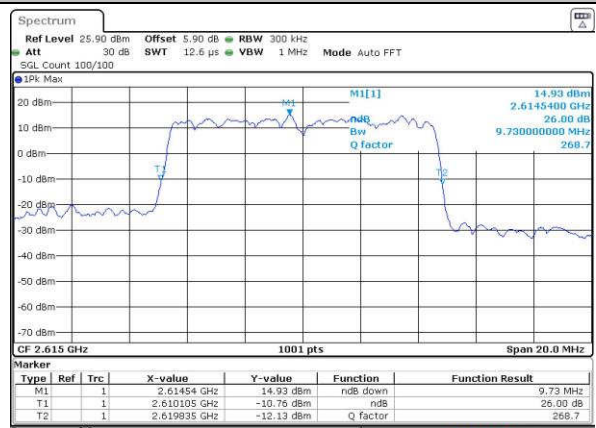
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



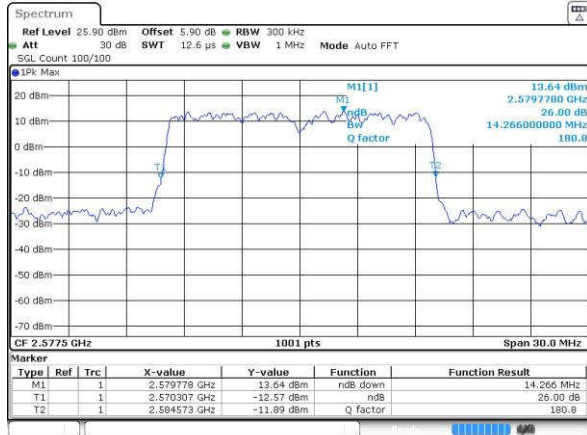
Highest Channel / 10MHz / 16QAM





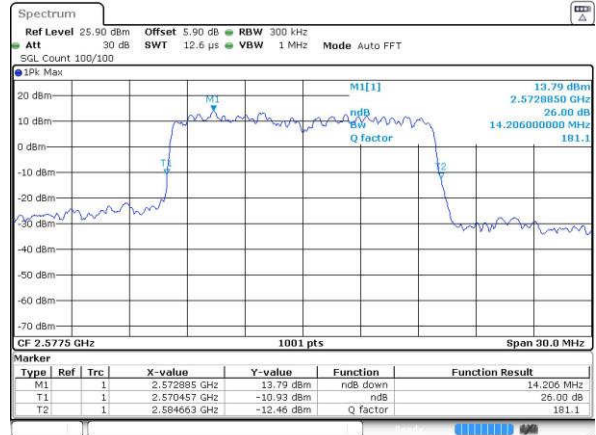
LTE Band 38

Lowest Channel / 15MHz / QPSK



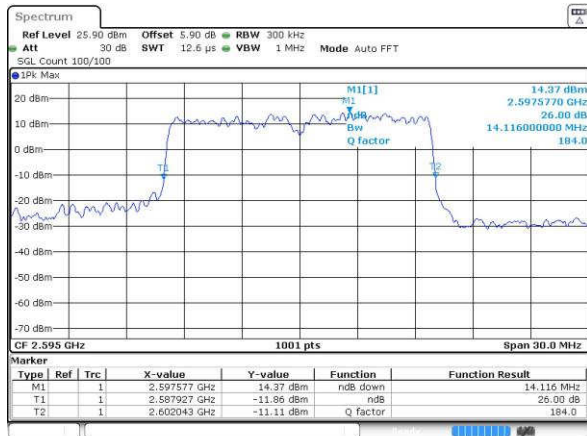
Date: 11 DEC 2016 00:08:42

Lowest Channel / 15MHz / 16QAM



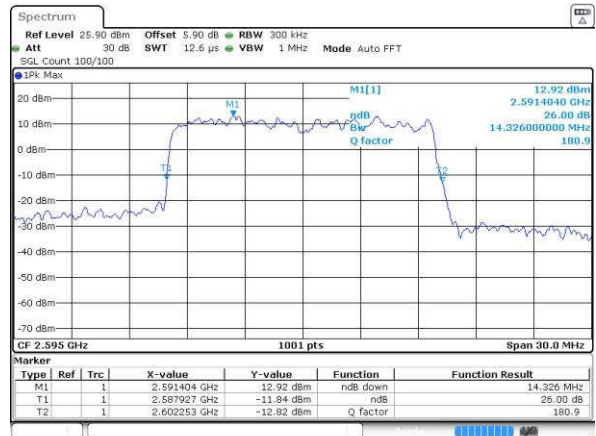
Date: 11 DEC 2016 00:08:11

Middle Channel / 15MHz / QPSK



Date: 11 DEC 2016 00:09:21

Middle Channel / 15MHz / 16QAM



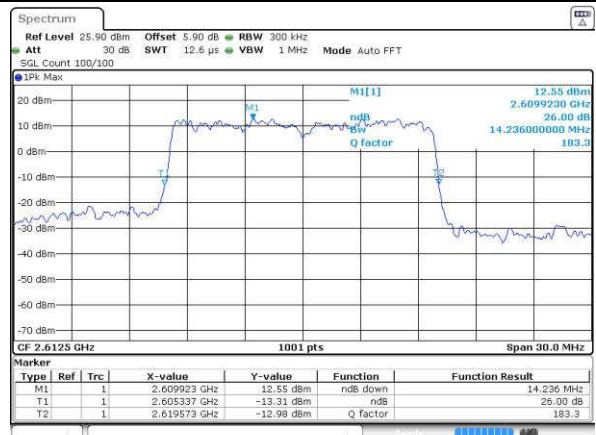
Date: 11 DEC 2016 00:09:54

Highest Channel / 15MHz / QPSK



Date: 11 DEC 2016 00:11:03

Highest Channel / 15MHz / 16QAM

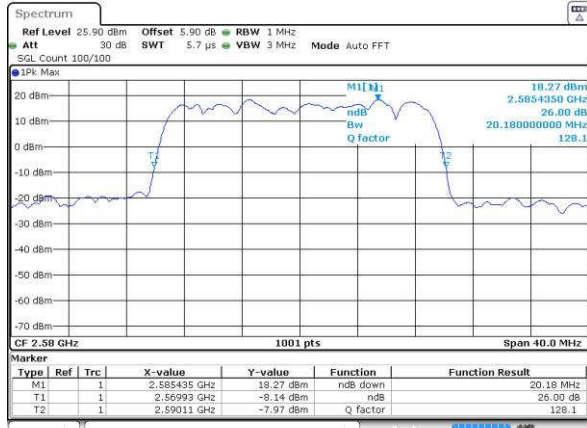


Date: 11 DEC 2016 00:10:42

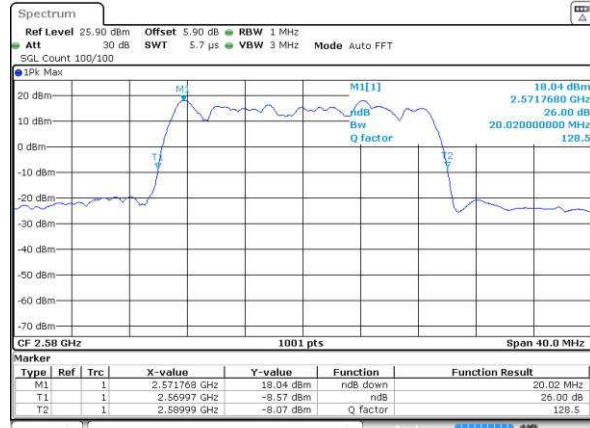


LTE Band 38

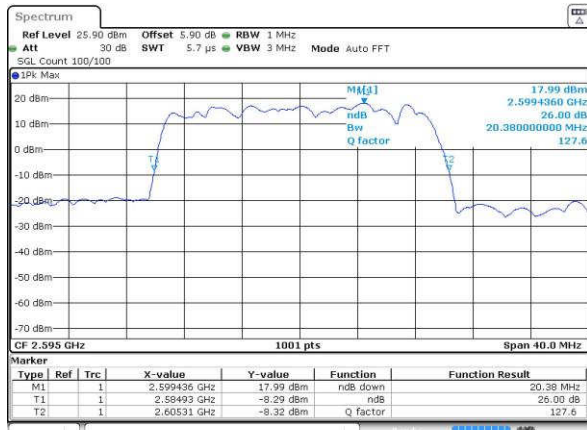
Lowest Channel / 20MHz / QPSK



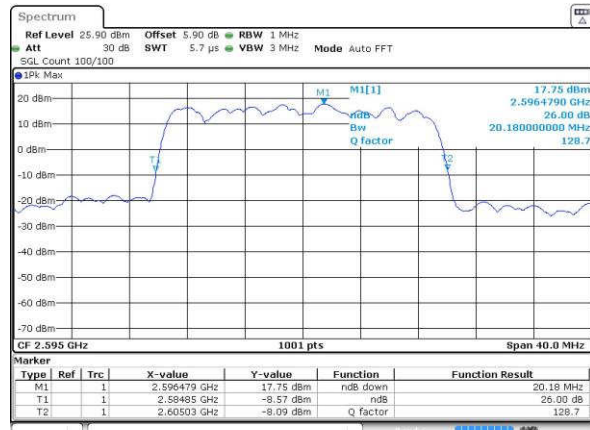
Lowest Channel / 20MHz / 16QAM



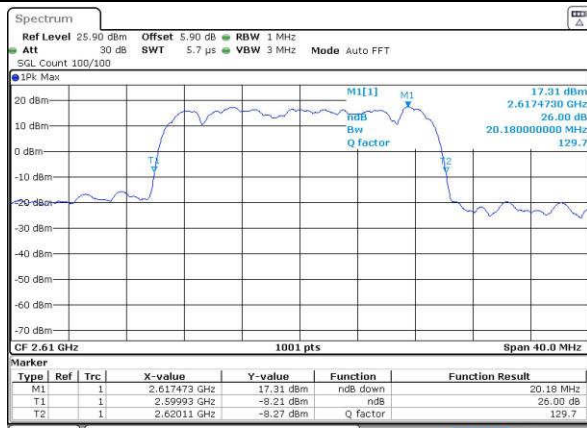
Middle Channel / 20MHz / QPSK



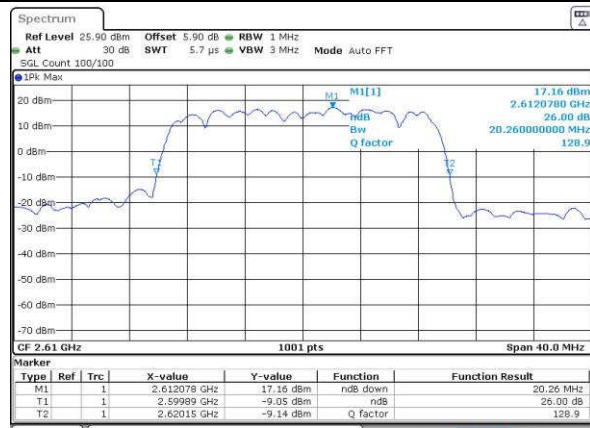
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



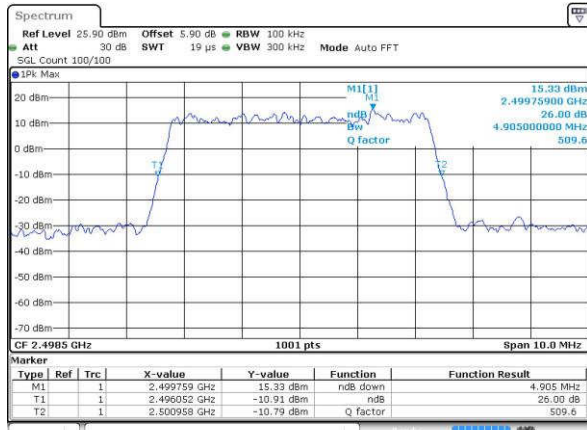
Highest Channel / 20MHz / 16QAM





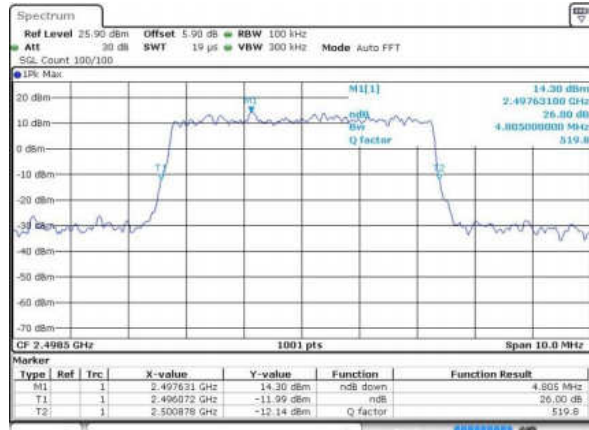
LTE Band 41

Lowest Channel / 5MHz / QPSK



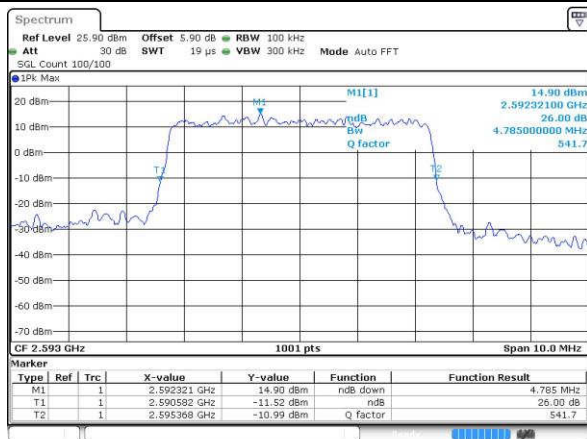
Date: 7 DEC 2016 10:57:33

Lowest Channel / 5MHz / 16QAM



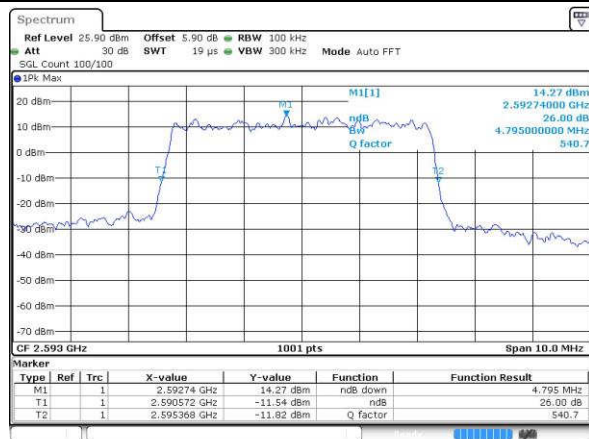
Date: 14 DEC 2016 14:37:06

Middle Channel / 5MHz / QPSK



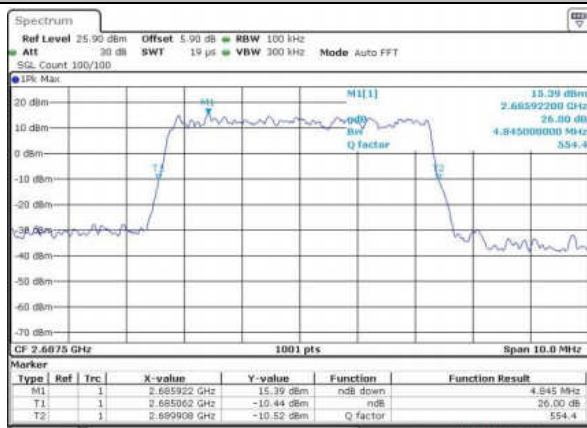
Date: 7 DEC 2016 10:57:53

Middle Channel / 5MHz / 16QAM



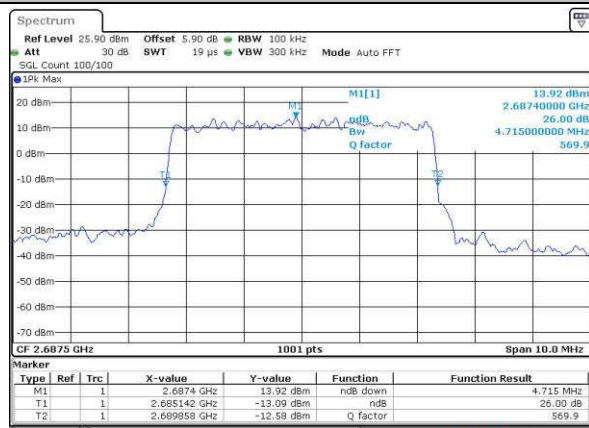
Date: 7 DEC 2016 12:40:58

Highest Channel / 5MHz / QPSK



Date: 15 DEC 2016 19:05:02

Highest Channel / 5MHz / 16QAM

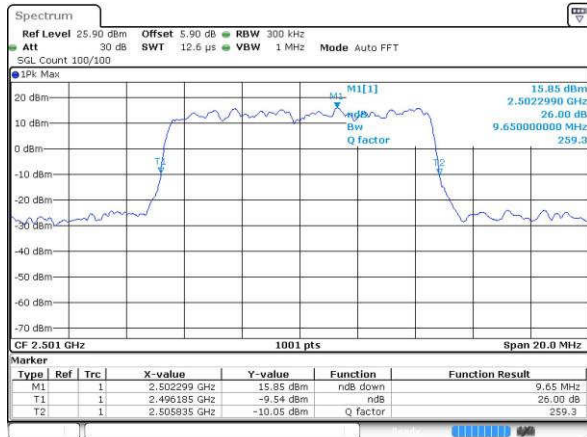


Date: 7 DEC 2016 12:41:24



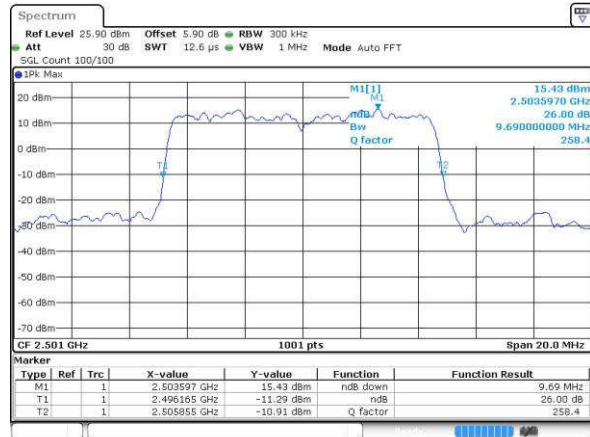
LTE Band 41

Lowest Channel / 10MHz / QPSK



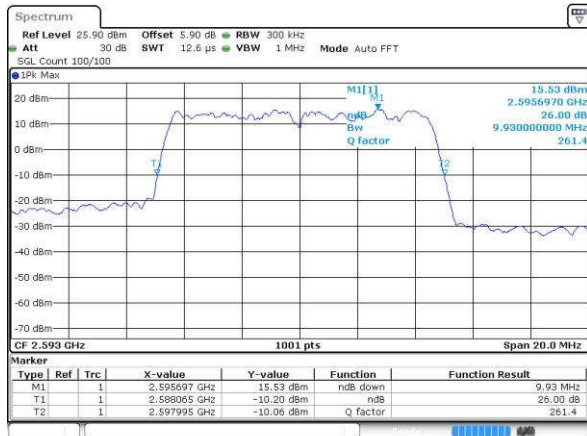
Date: 7 DEC 2016 12:43:02

Lowest Channel / 10MHz / 16QAM



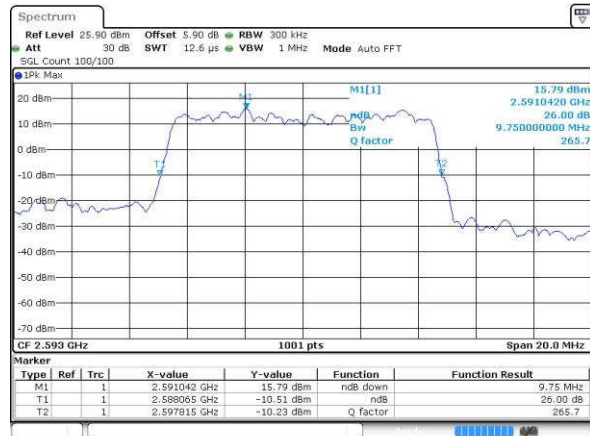
Date: 7 DEC 2016 12:57:15

Middle Channel / 10MHz / QPSK



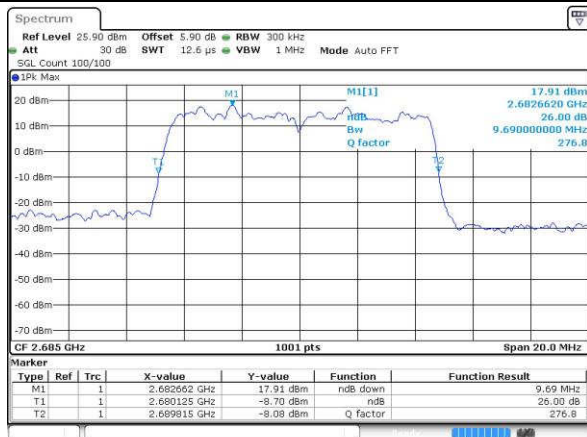
Date: 7 DEC 2016 12:43:25

Middle Channel / 10MHz / 16QAM



Date: 7 DEC 2016 12:44:38

Highest Channel / 10MHz / QPSK



Date: 7 DEC 2016 12:43:48

Highest Channel / 10MHz / 16QAM

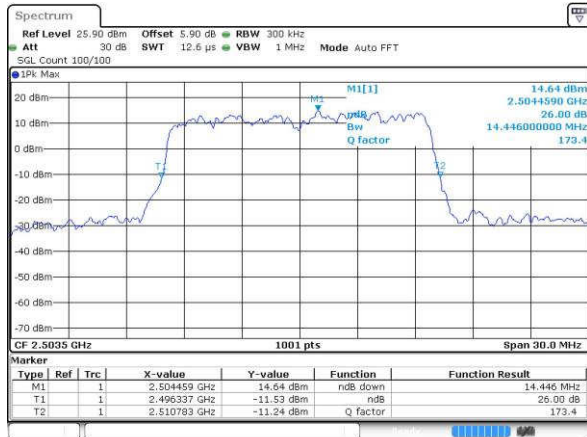


Date: 7 DEC 2016 12:45:03



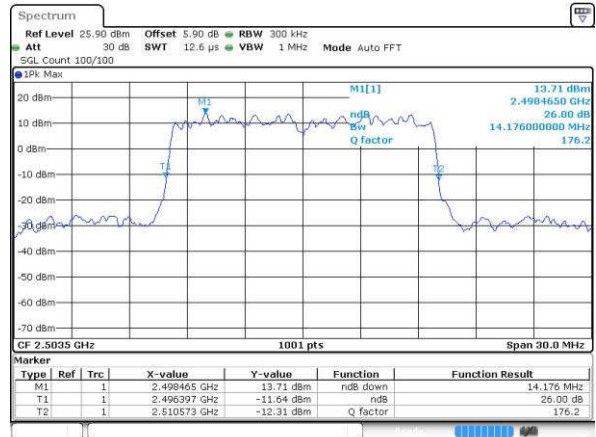
LTE Band 41

Lowest Channel / 15MHz / QPSK



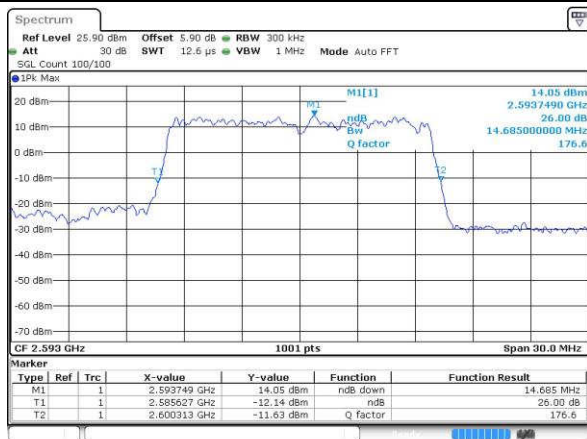
Date: 7 DEC 2016 12:58:56

Lowest Channel / 15MHz / 16QAM



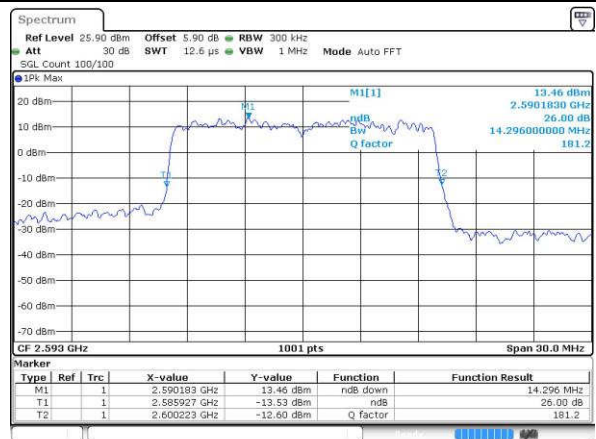
Date: 7 DEC 2016 12:47:01

Middle Channel / 15MHz / QPSK



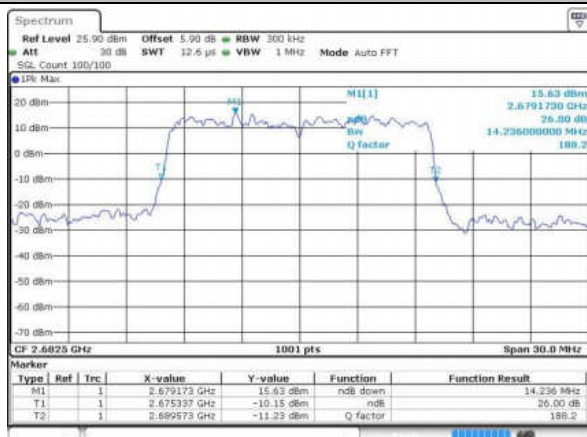
Date: 7 DEC 2016 12:46:02

Middle Channel / 15MHz / 16QAM



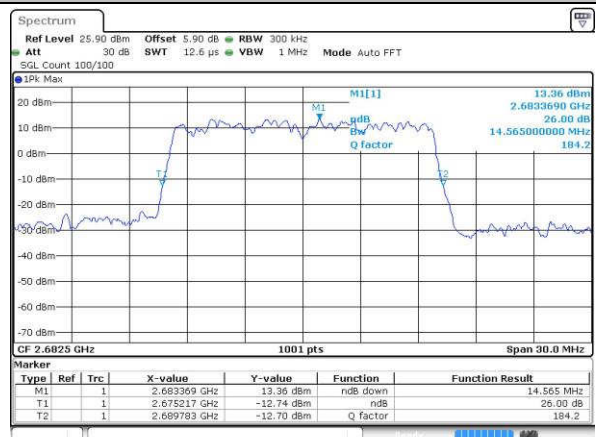
Date: 7 DEC 2016 12:47:35

Highest Channel / 15MHz / QPSK



Date: 15 DEC 2016 19:06:48

Highest Channel / 15MHz / 16QAM

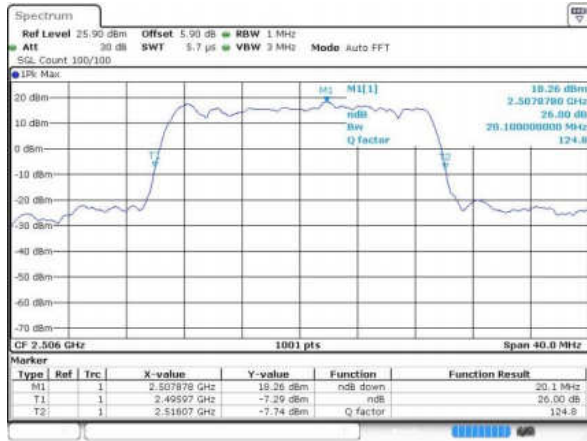


Date: 7 DEC 2016 12:47:58

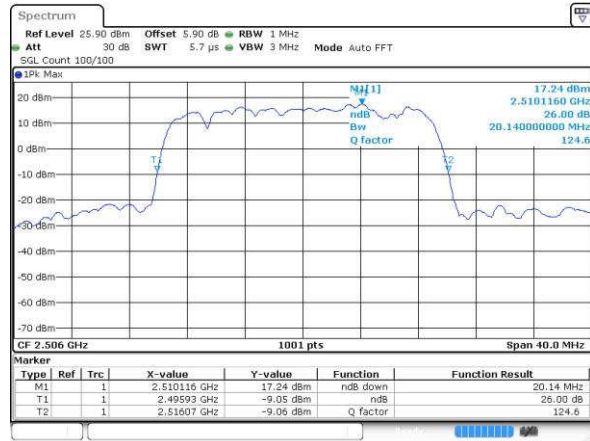


LTE Band 41

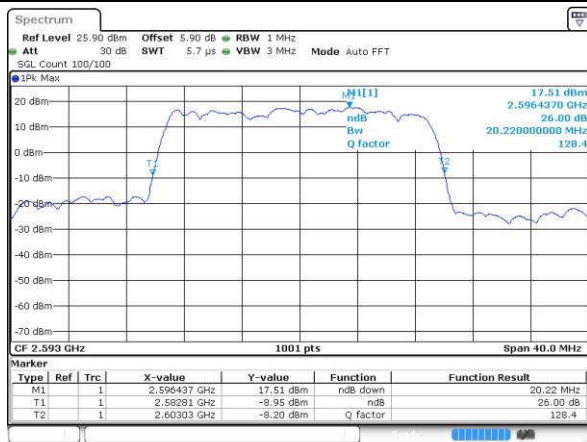
Lowest Channel / 20MHz / QPSK



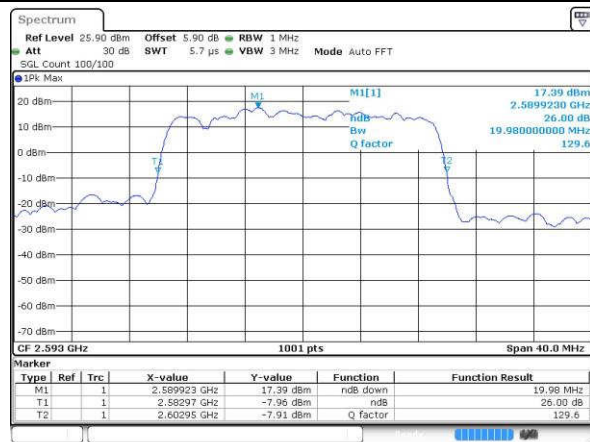
Lowest Channel / 20MHz / 16QAM



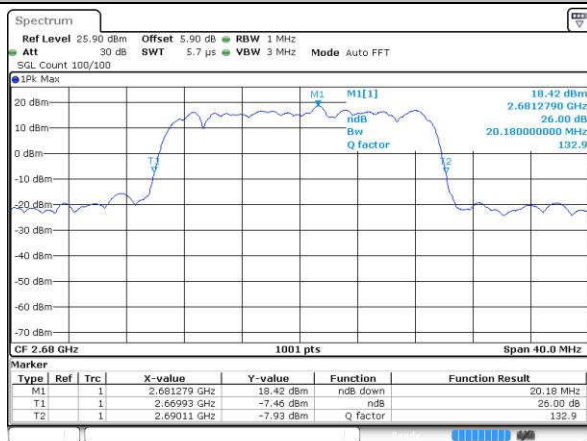
Middle Channel / 20MHz / QPSK



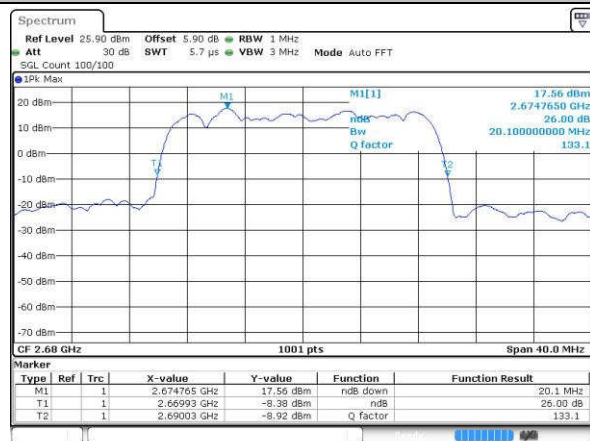
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 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	2.71	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	-	-

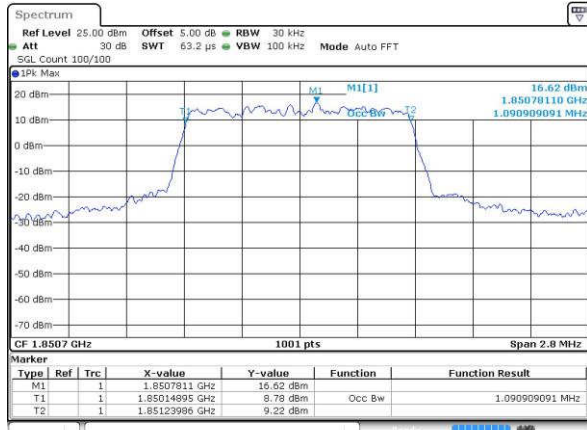
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.51	9.01	8.97	13.49	13.49	18.34	18.22
Middle CH	-	-	-	-	4.48	4.45	8.99	9.09	13.49	13.49	18.38	18.42
Highest CH	-	-	-	-	4.49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

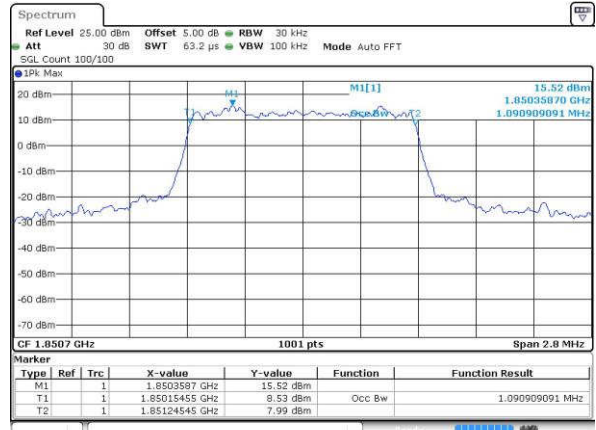


LTE Band 2

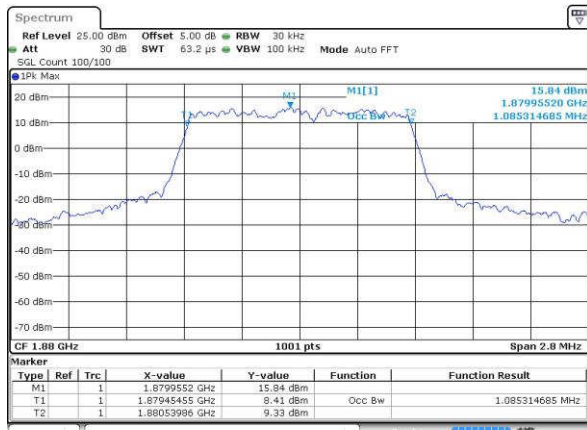
Lowest Channel / 1.4MHz / QPSK



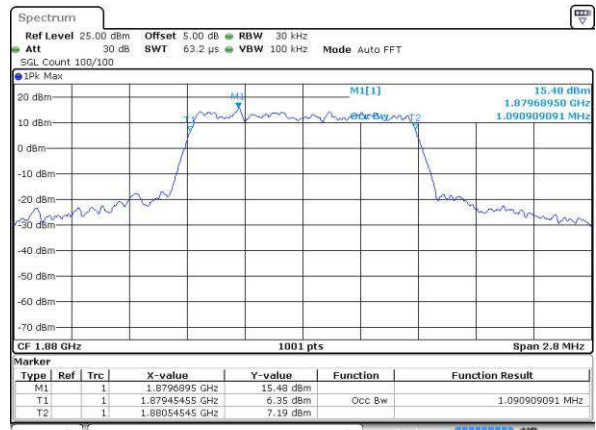
Lowest Channel / 1.4MHz / 16QAM



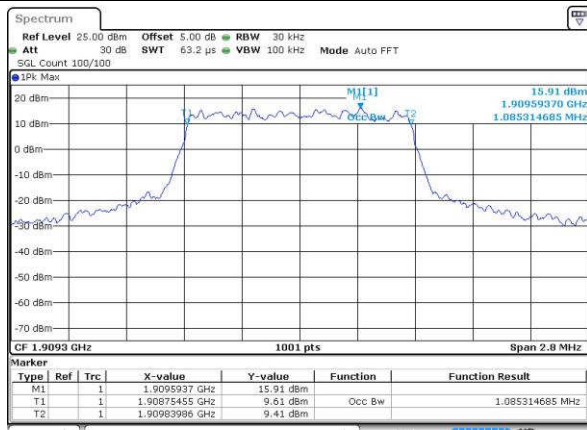
Middle Channel / 1.4MHz / QPSK



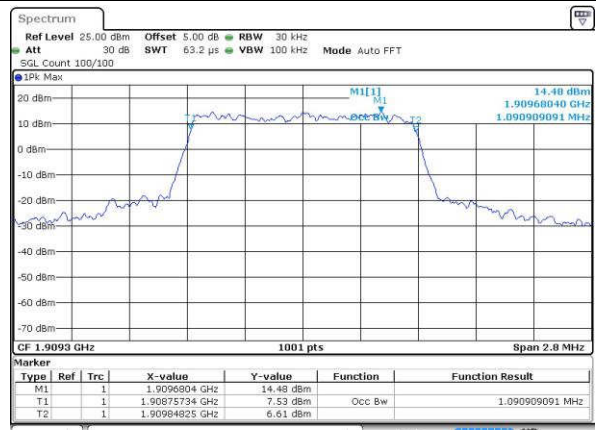
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



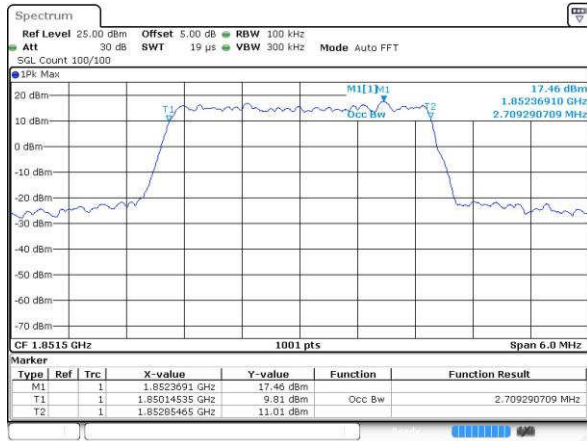
Highest Channel / 1.4MHz / 16QAM



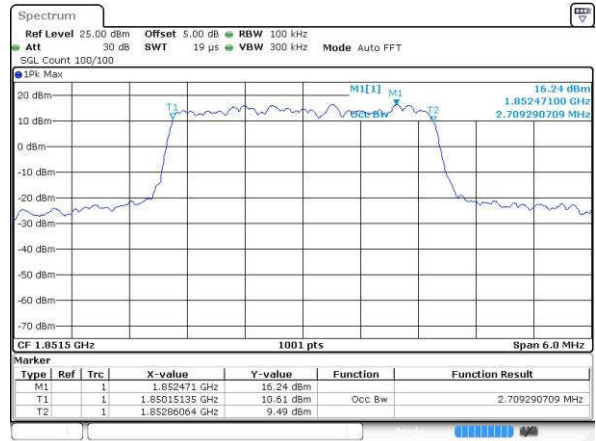


LTE Band 2

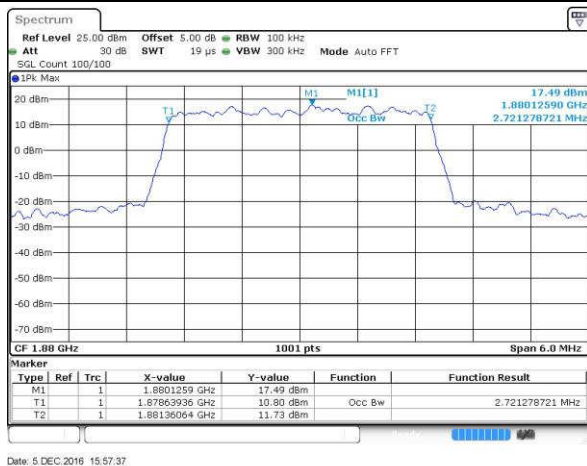
Lowest Channel / 3MHz / QPSK



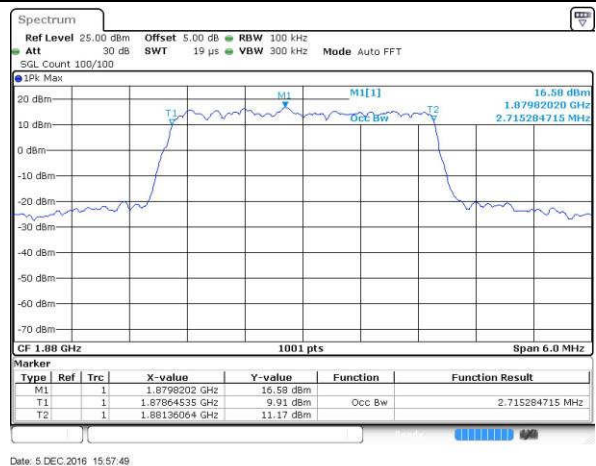
Lowest Channel / 3MHz / 16QAM



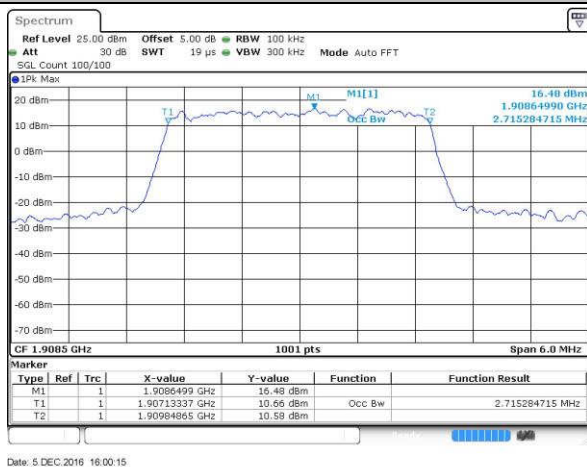
Middle Channel / 3MHz / QPSK



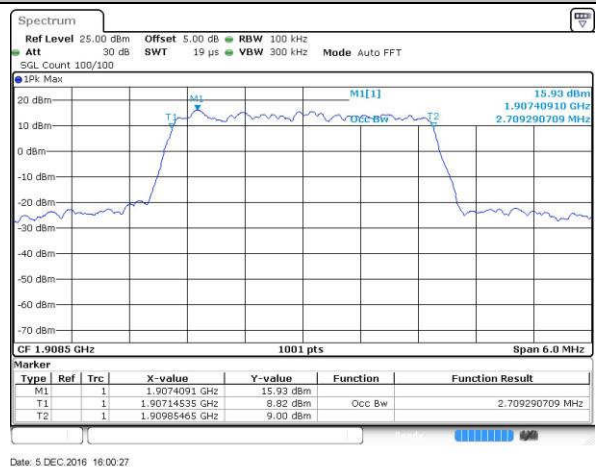
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



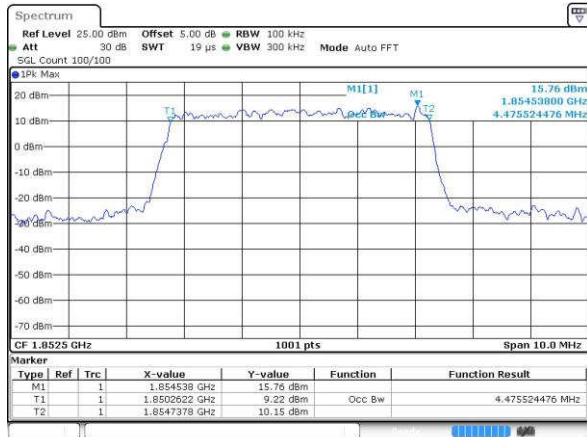
Highest Channel / 3MHz / 16QAM



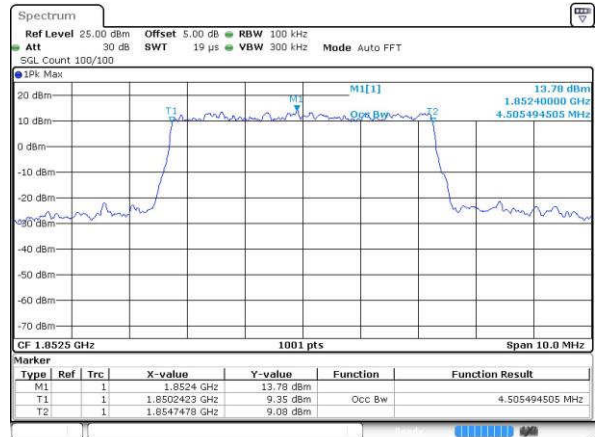


LTE Band 2

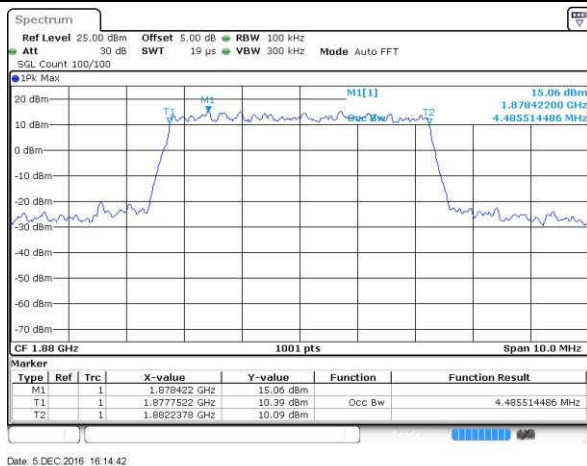
Lowest Channel / 5MHz / QPSK



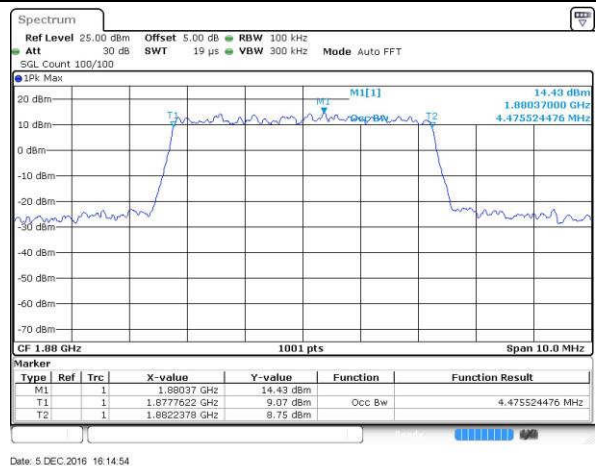
Lowest Channel / 5MHz / 16QAM



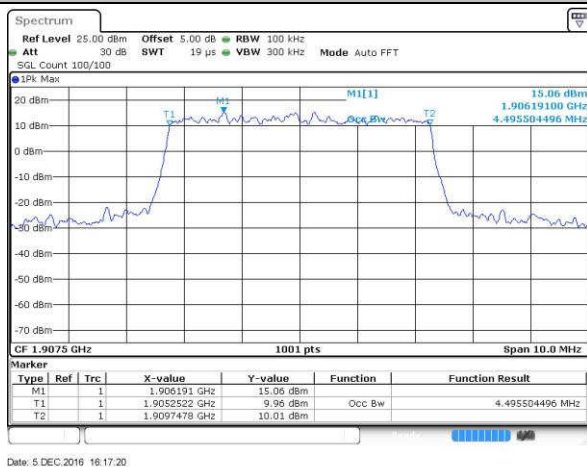
Middle Channel / 5MHz / QPSK



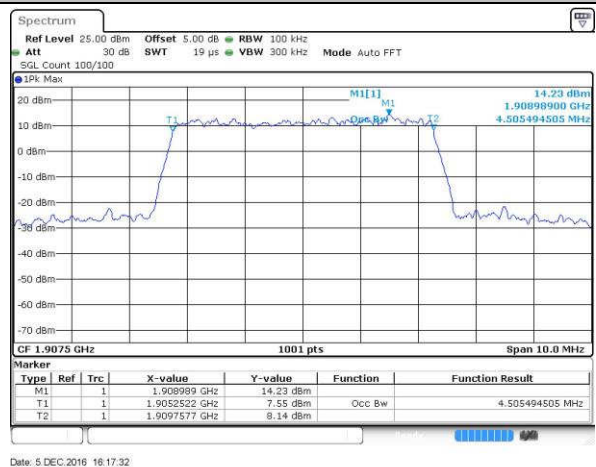
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



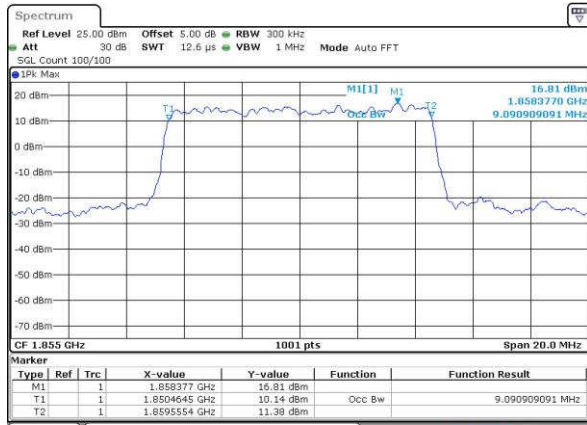
Highest Channel / 5MHz / 16QAM





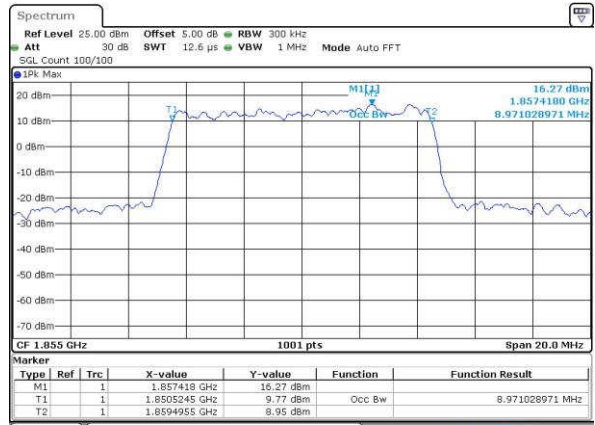
LTE Band 2

Lowest Channel / 10MHz / QPSK



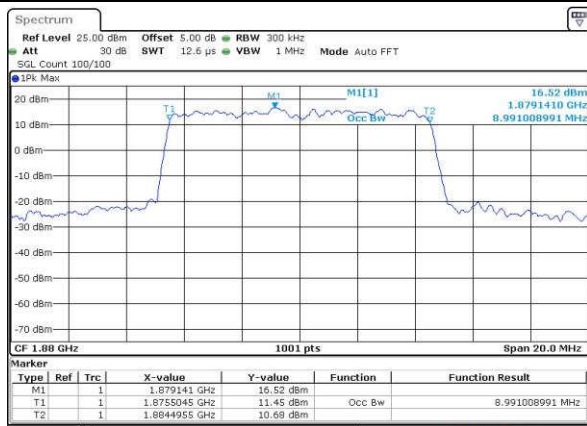
Date: 5 DEC 2016 16:24:34

Lowest Channel / 10MHz / 16QAM



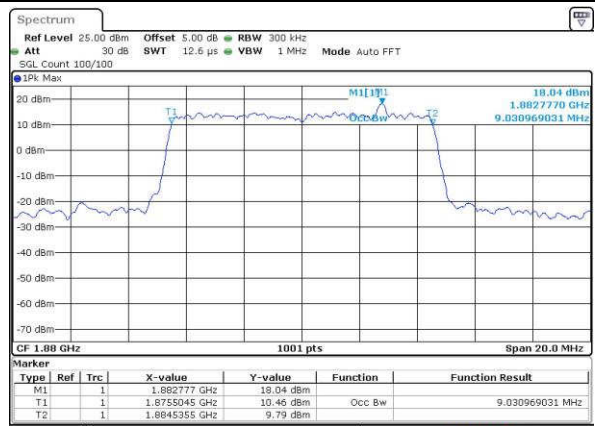
Date: 5 DEC 2016 16:24:45

Middle Channel / 10MHz / QPSK



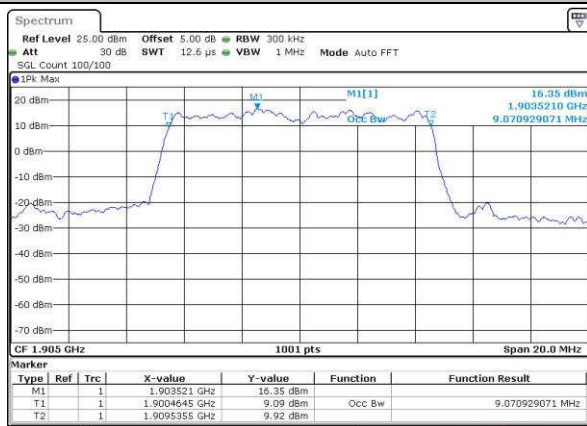
Date: 5 DEC 2016 16:31:47

Middle Channel / 10MHz / 16QAM



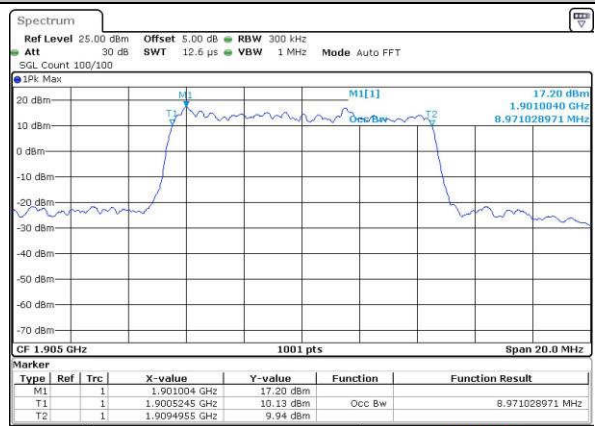
Date: 5 DEC 2016 16:31:56

Highest Channel / 10MHz / QPSK



Date: 5 DEC 2016 16:34:25

Highest Channel / 10MHz / 16QAM

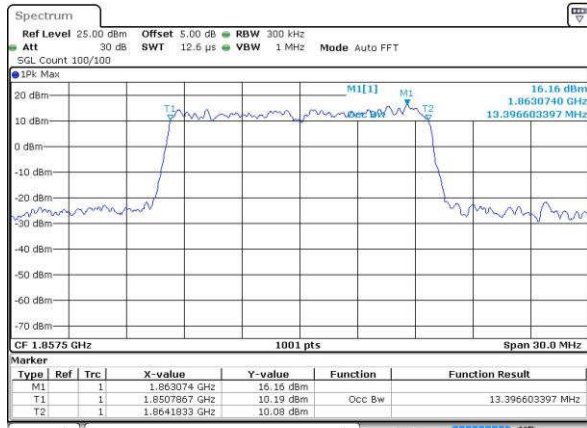


Date: 5 DEC 2016 16:34:37

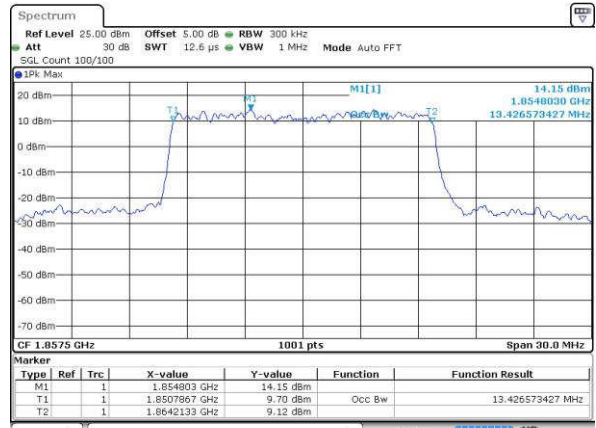


LTE Band 2

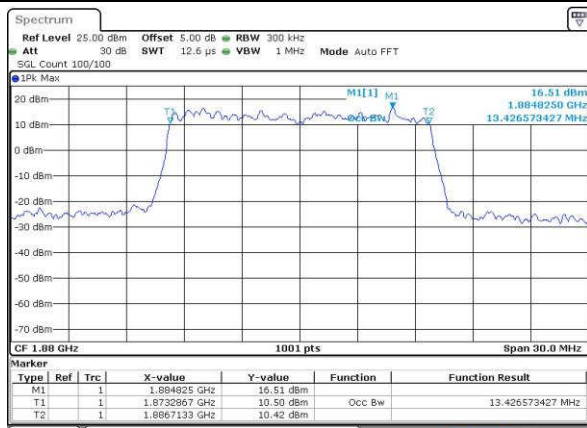
Lowest Channel / 15MHz / QPSK



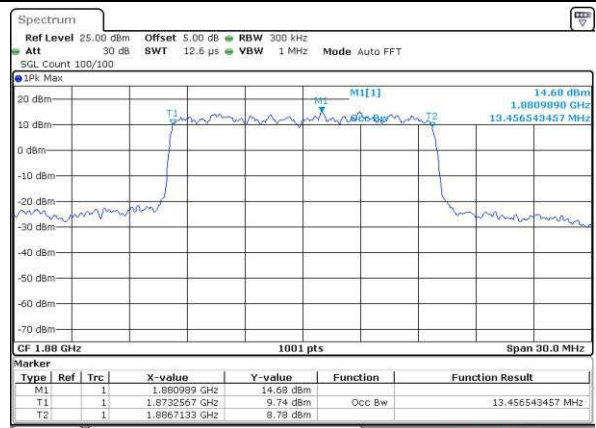
Lowest Channel / 15MHz / 16QAM



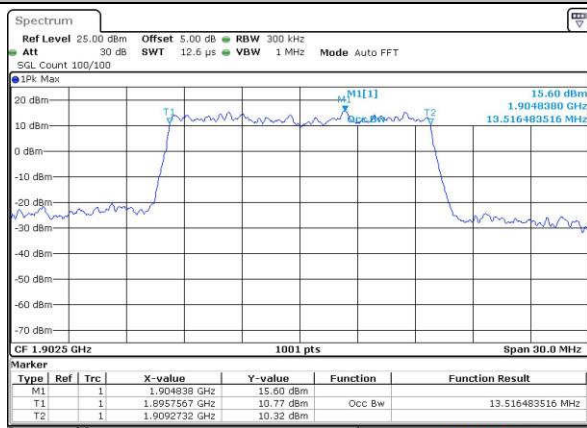
Middle Channel / 15MHz / QPSK



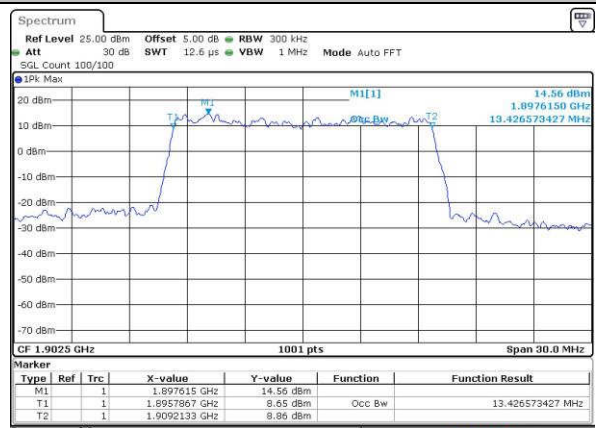
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



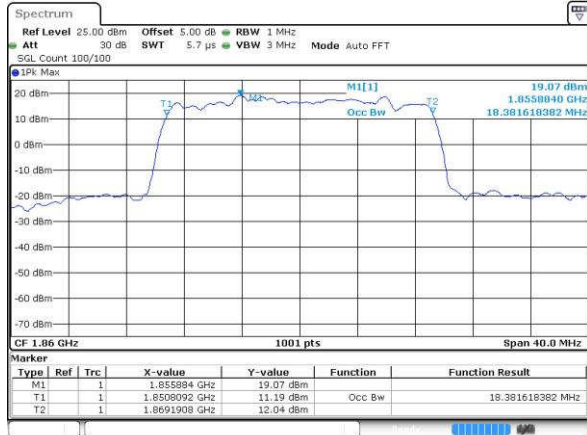
Highest Channel / 15MHz / 16QAM





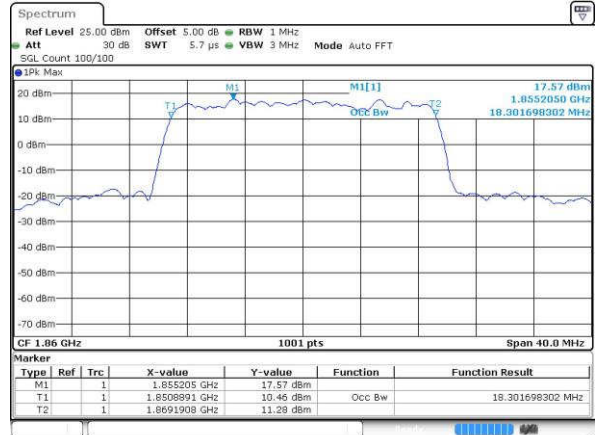
LTE Band 2

Lowest Channel / 20MHz / QPSK



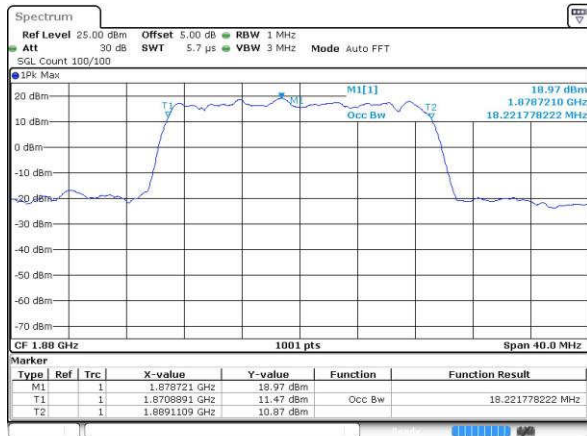
Date: 5 DEC 2016 16:58:43

Lowest Channel / 20MHz / 16QAM



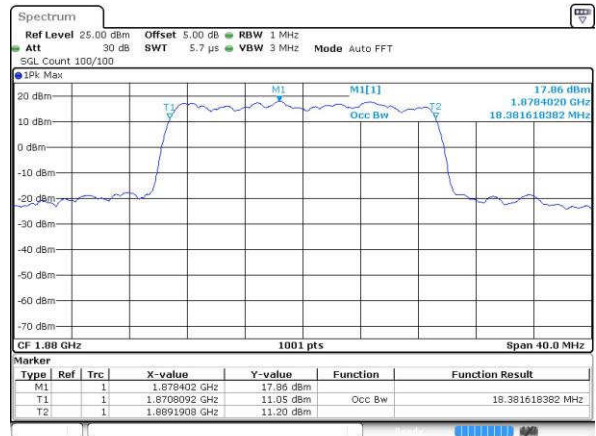
Date: 5 DEC 2016 16:58:55

Middle Channel / 20MHz / QPSK



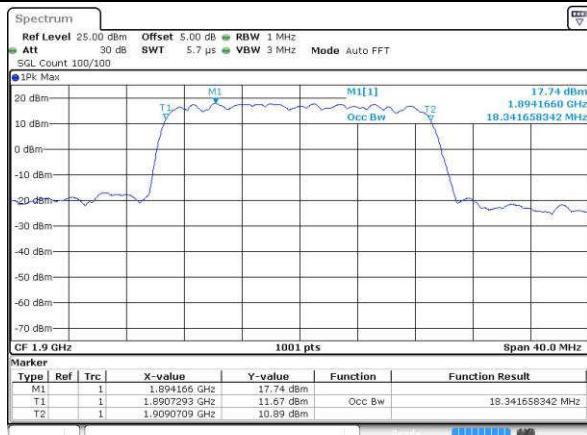
Date: 5 DEC 2016 17:05:56

Middle Channel / 20MHz / 16QAM



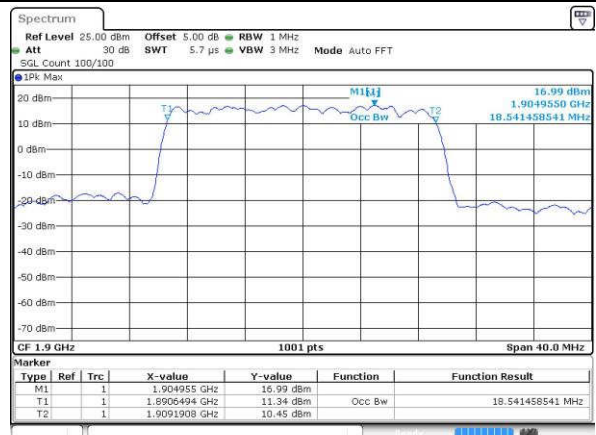
Date: 5 DEC 2016 17:06:08

Highest Channel / 20MHz / QPSK



Date: 5 DEC 2016 17:08:34

Highest Channel / 20MHz / 16QAM

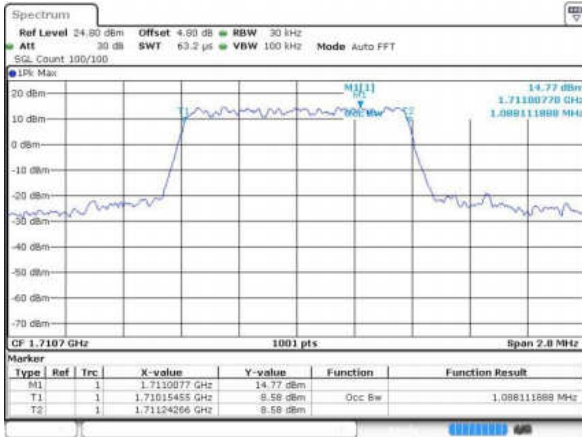


Date: 5 DEC 2016 17:08:46

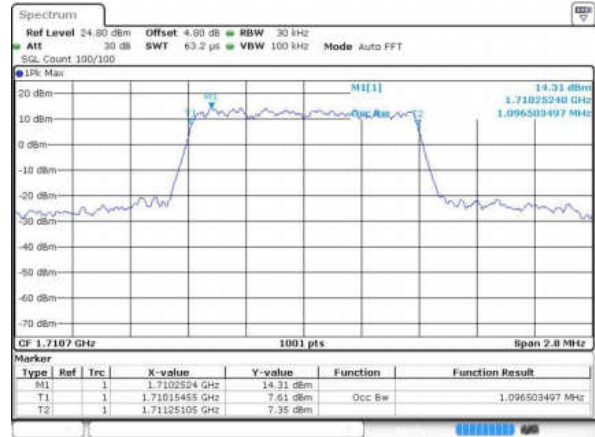


LTE Band 4

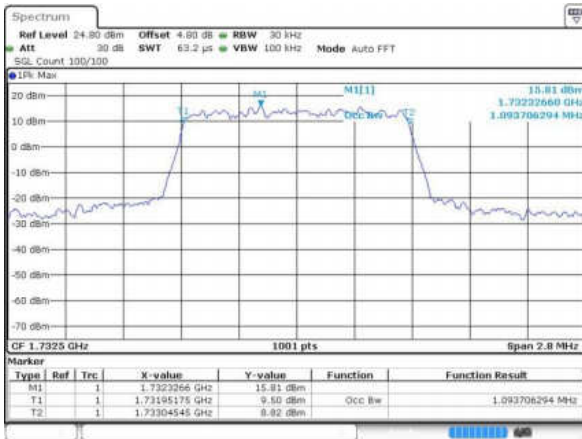
LowestChannel /1.4MHz / QPSK



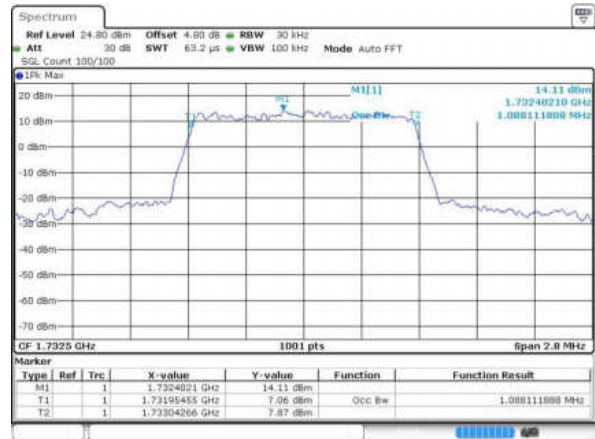
Lowest Channel /1.4MHz / 16QAM



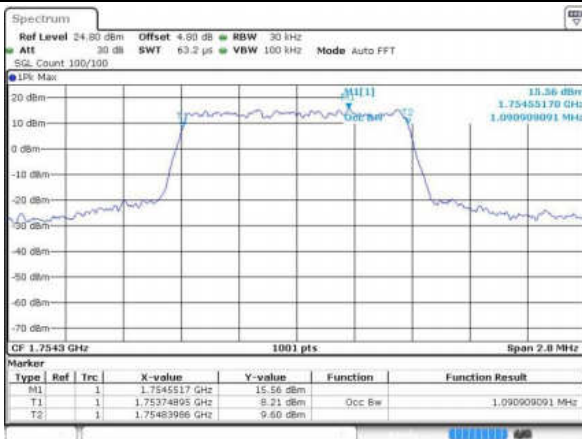
MiddleChannel /1.4MHz / QPSK



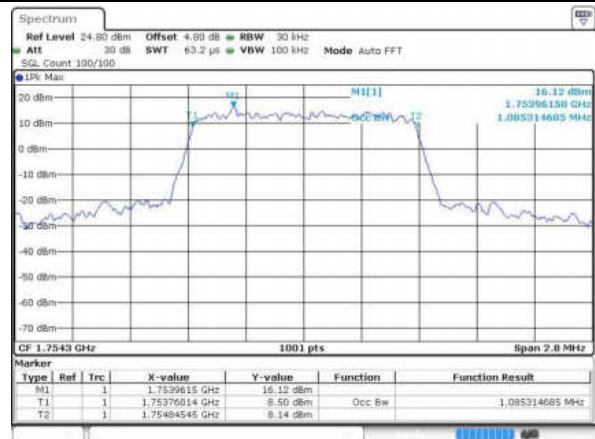
MiddleChannel /1.4MHz / 16QAM



HighestChannel /1.4MHz / QPSK



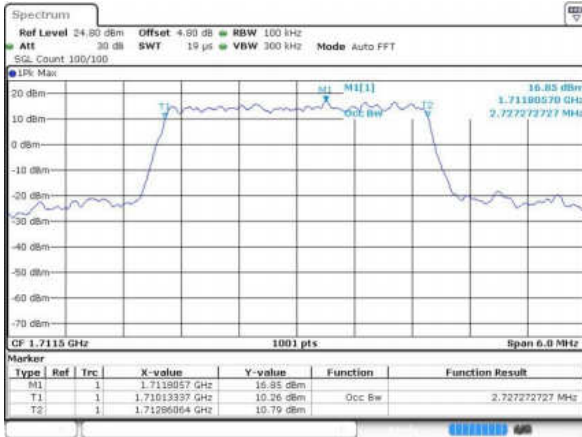
HighestChannel /1.4MHz / 16QAM





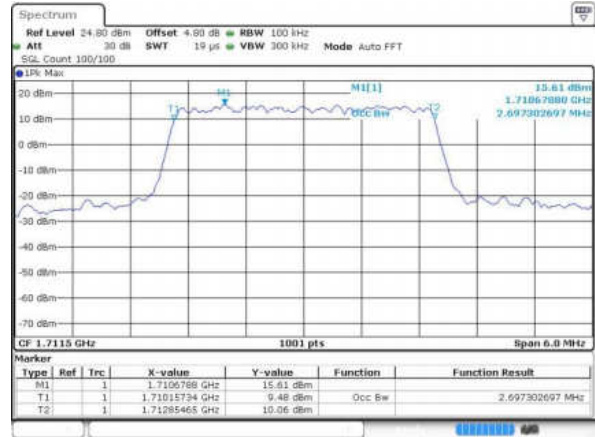
LTE Band 4

LowestChannel /3MHz / QPSK



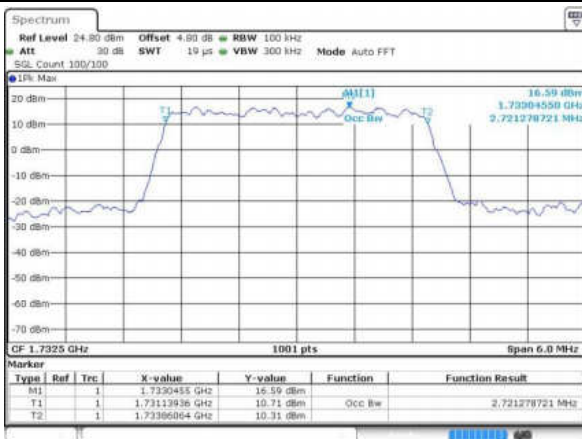
Date: 6 DEC 2016 01:38:52

Lowest Channel /3MHz / 16QAM



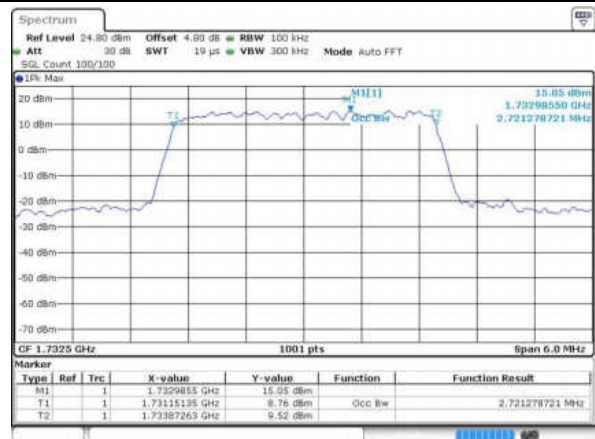
Date: 6 DEC 2016 01:39:04

Middle Channel /3MHz / QPSK



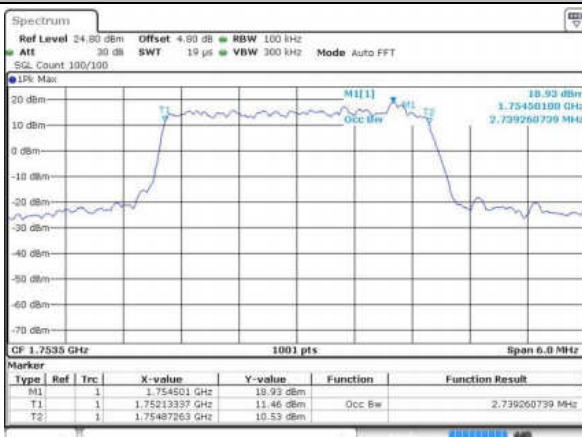
Date: 6 DEC 2016 01:46:04

Middle Channel /3MHz / 16QAM



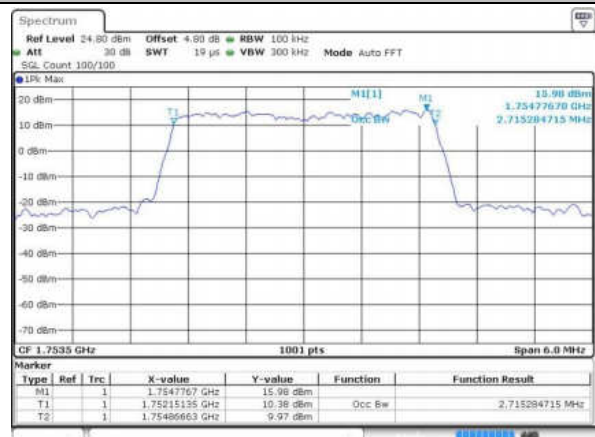
Date: 6 DEC 2016 01:46:16

HighestChannel /3MHz / QPSK



Date: 6 DEC 2016 01:48:42

HighestChannel /3MHz / 16QAM

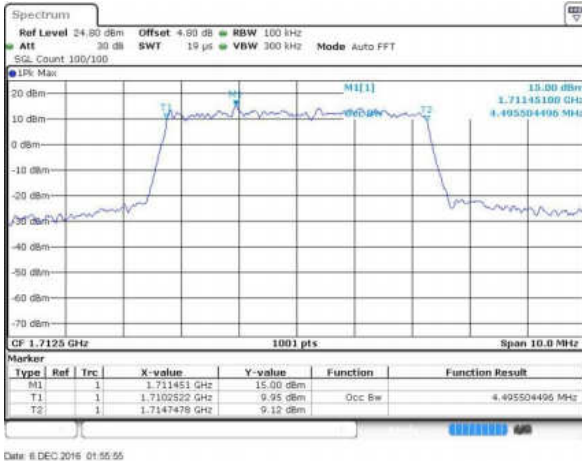


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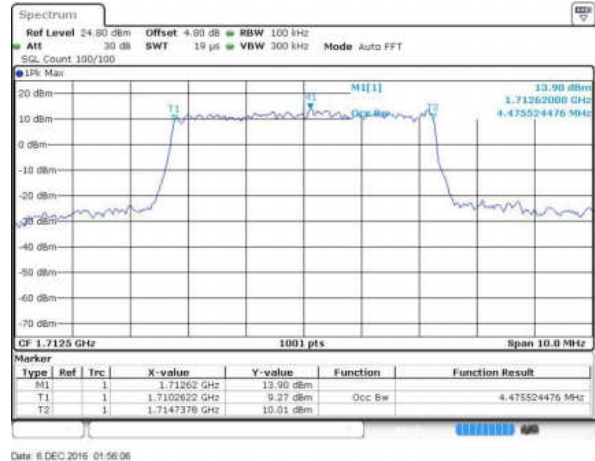


LTE Band 4

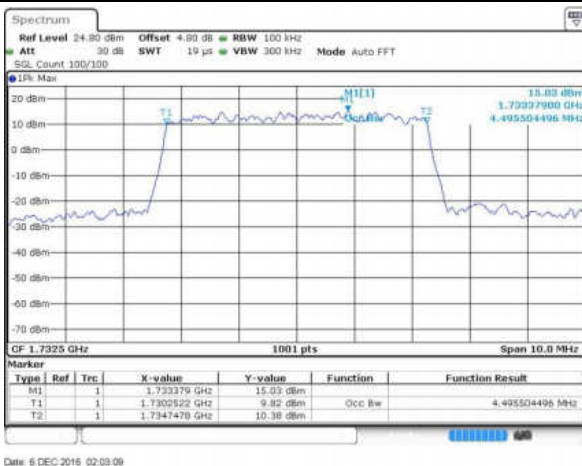
Lowest Channel /5MHz / QPSK



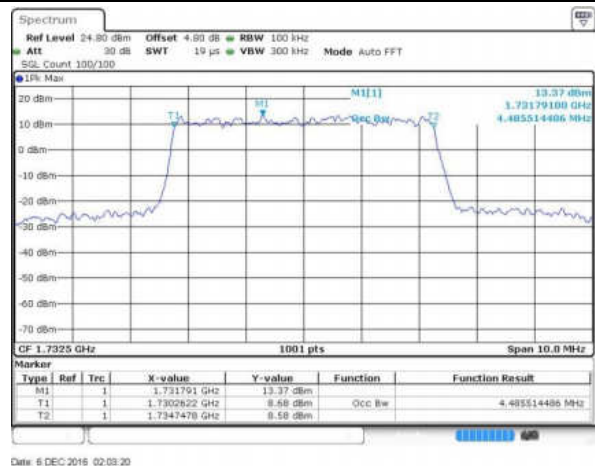
Lowest Channel /5MHz / 16QAM



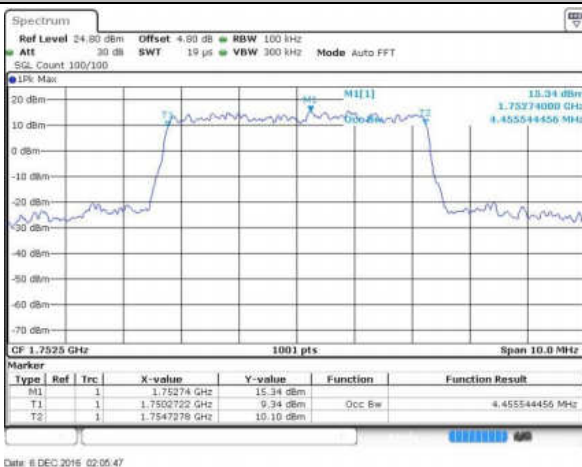
Middle Channel /5MHz / QPSK



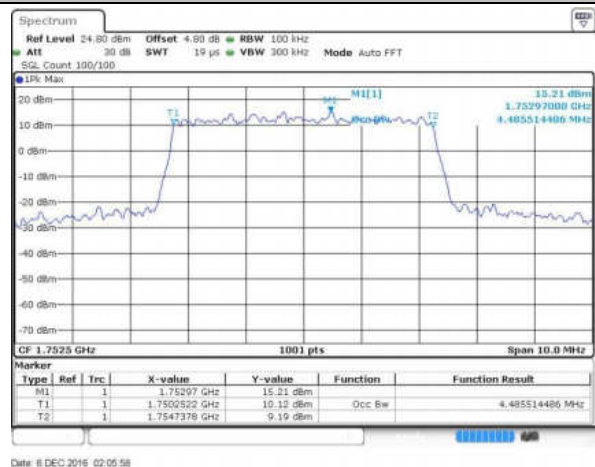
Middle Channel /5MHz / 16QAM



HighestChannel /5MHz / QPSK



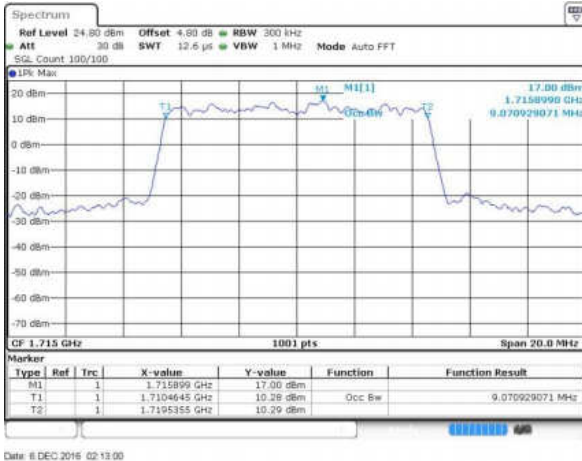
HighestChannel /5MHz / 16QAM



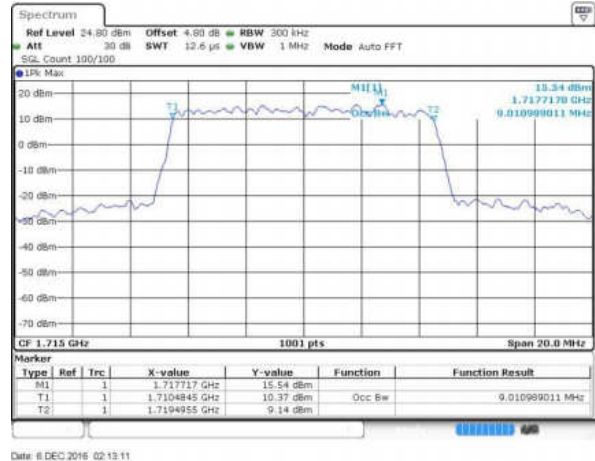


LTE Band 4

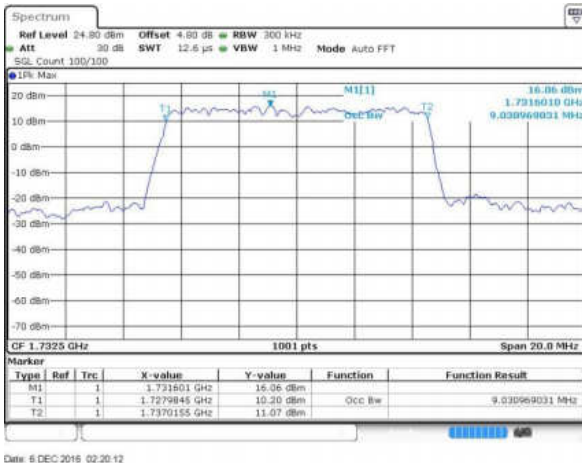
Lowest Channel / 10MHz / QPSK



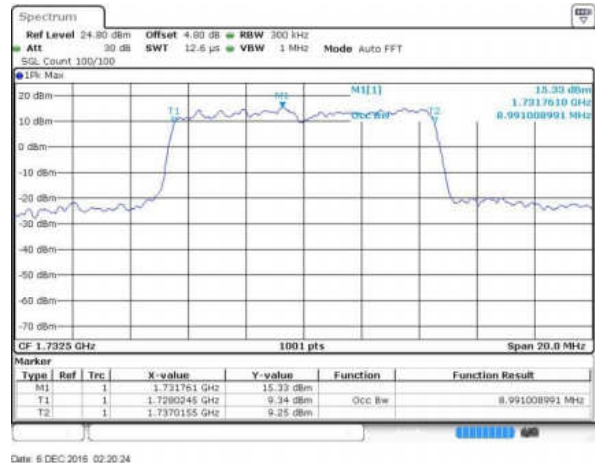
Lowest Channel / 10MHz / 16QAM



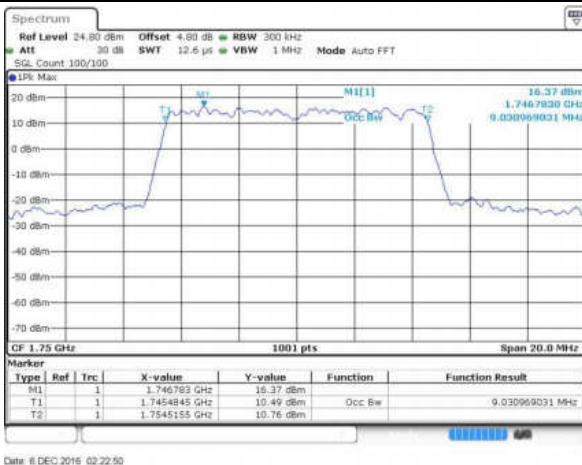
Middle Channel /10MHz / QPSK



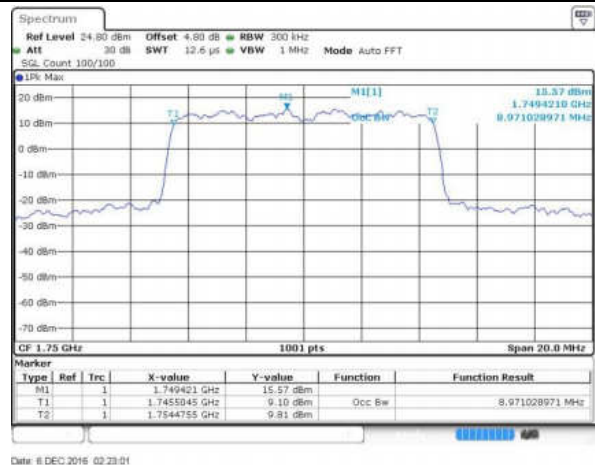
Middle Channel /10MHz / 16QAM



HighestChannel /10MHz / QPSK



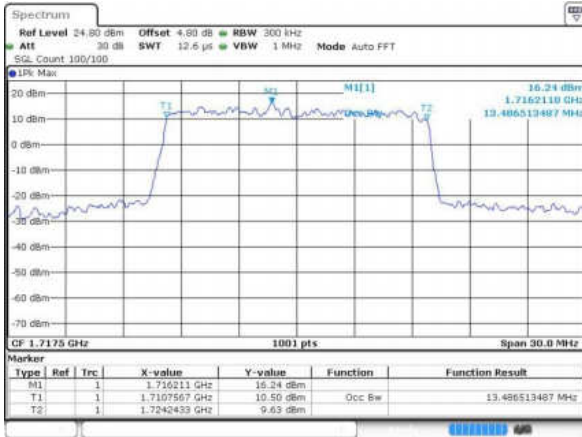
HighestChannel /10MHz / 16QAM





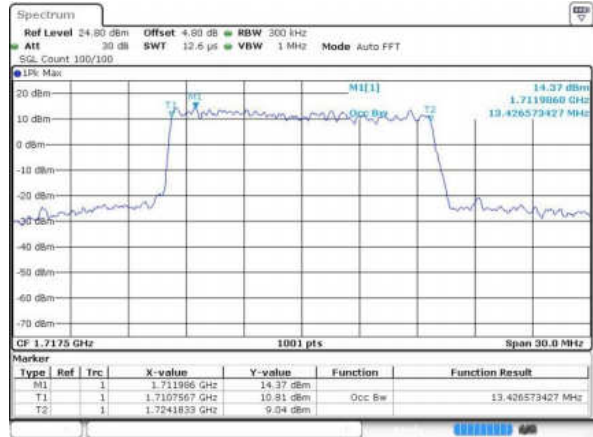
LTE Band 4

Lowest Channel / 15MHz / QPSK



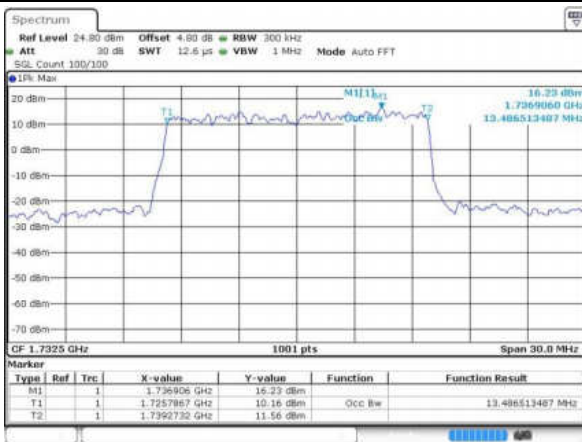
Date: 6 DEC 2016 02:30:02

Lowest Channel / 15MHz / 16QAM



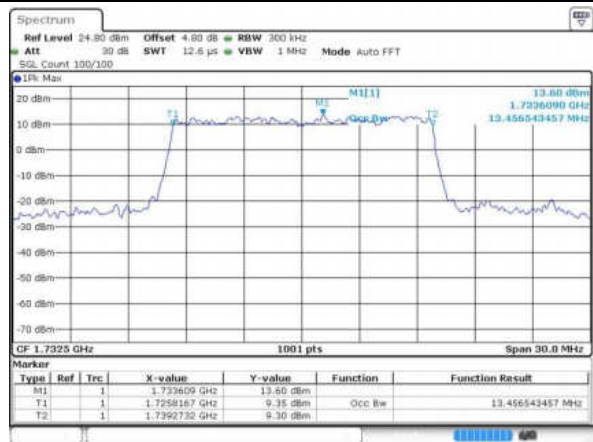
Date: 6 DEC 2016 02:30:14

Middle Channel /15MHz / QPSK



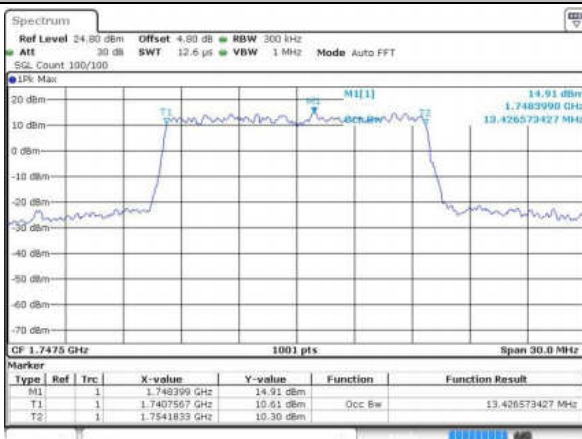
Date: 6 DEC 2016 02:37:15

Middle Channel /15MHz / 16QAM



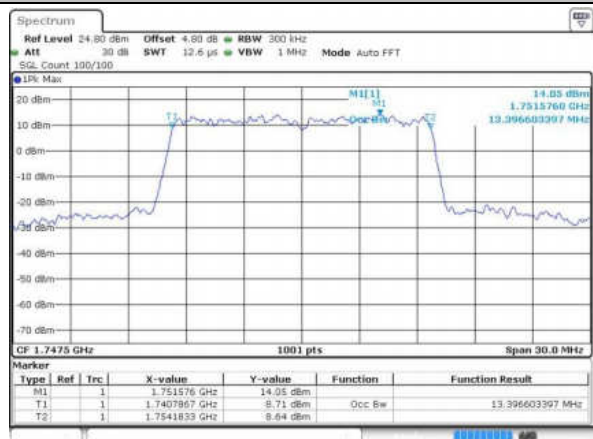
Date: 6 DEC 2016 02:37:26

HighestChannel /15MHz / QPSK



Date: 6 DEC 2016 02:38:52

HighestChannel /15MHz / 16QAM

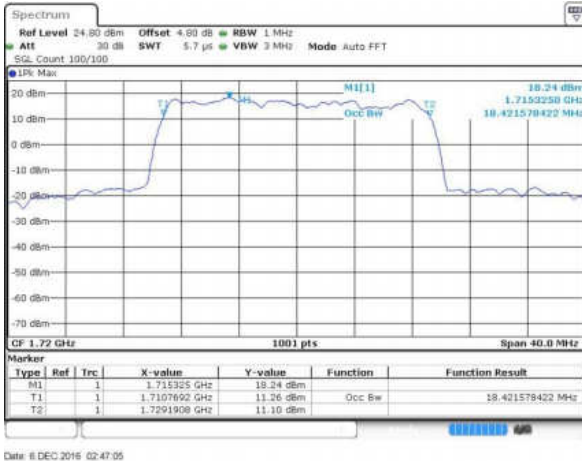


Date: 6 DEC 2016 02:40:03

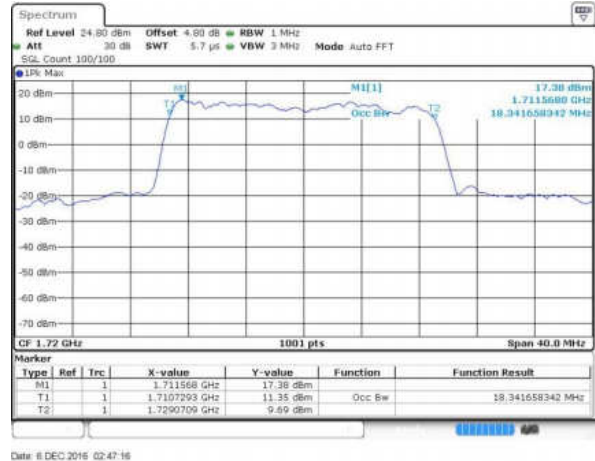


LTE Band 4

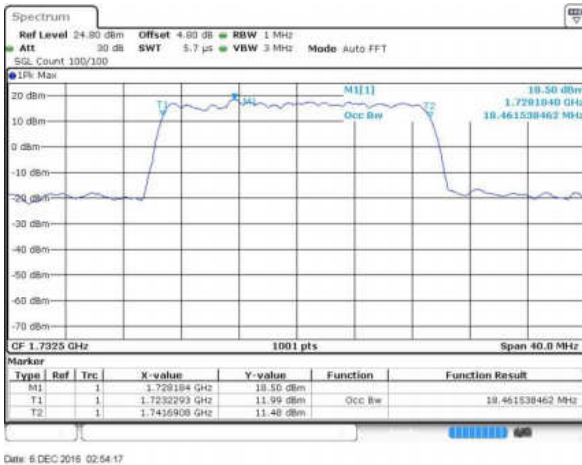
LowestChannel /20MHz / QPSK



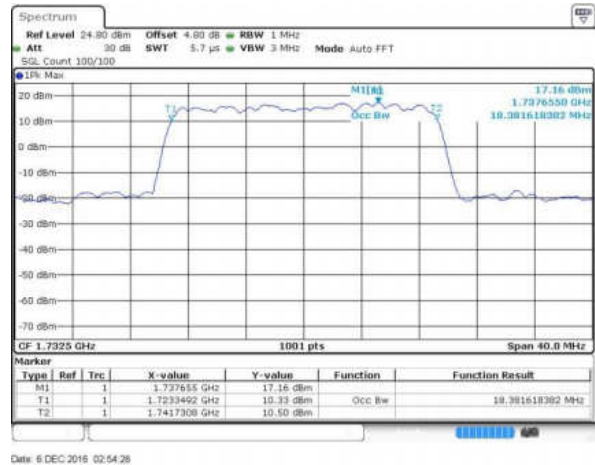
Lowest Channel /20MHz / 16QAM



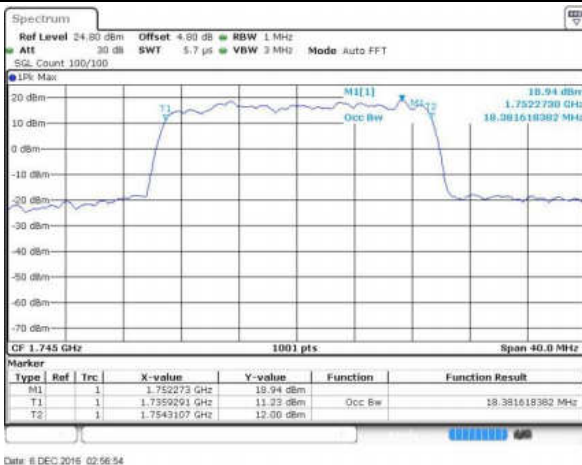
Middle Channel /20MHz / QPSK



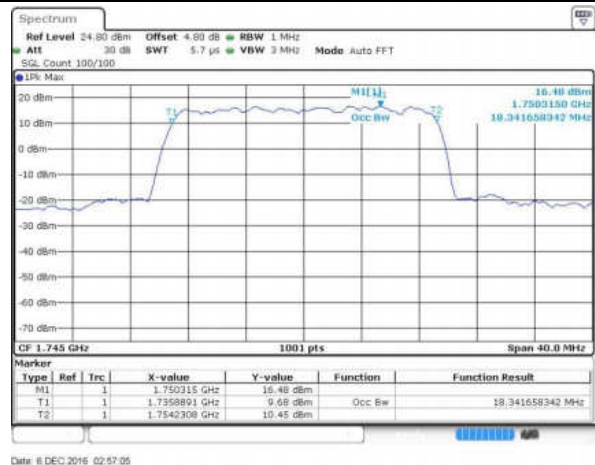
Middle Channel /20MHz / 16QAM



HighestChannel /20MHz / QPSK



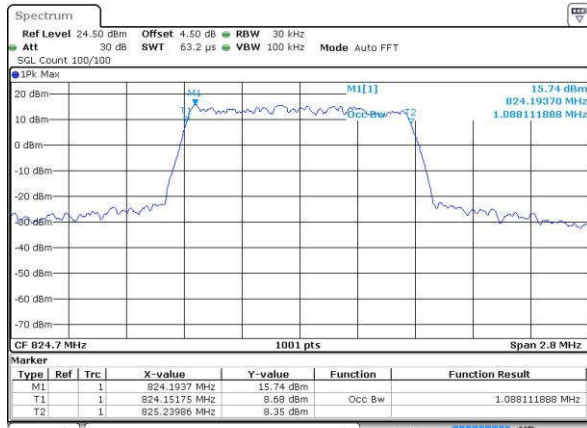
HighestChannel /20MHz / 16QAM



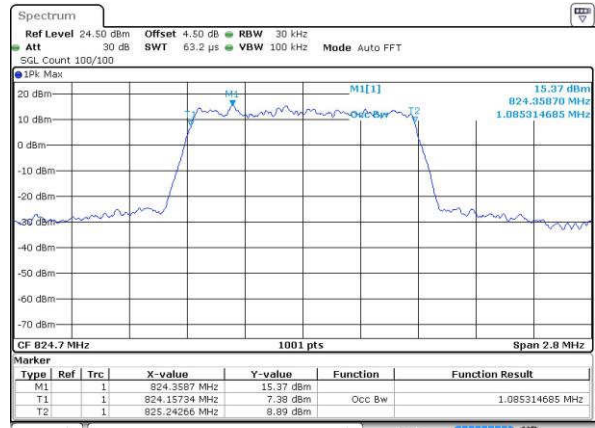


LTE Band 5

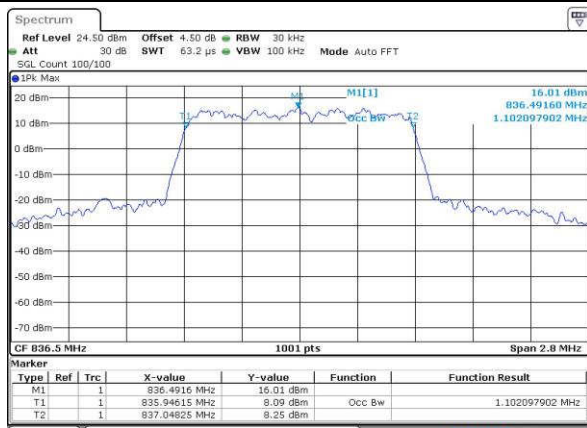
Lowest Channel / 1.4MHz / QPSK



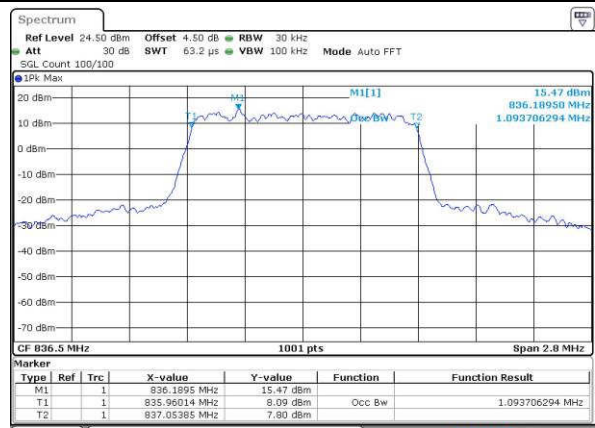
Lowest Channel / 1.4MHz / 16QAM



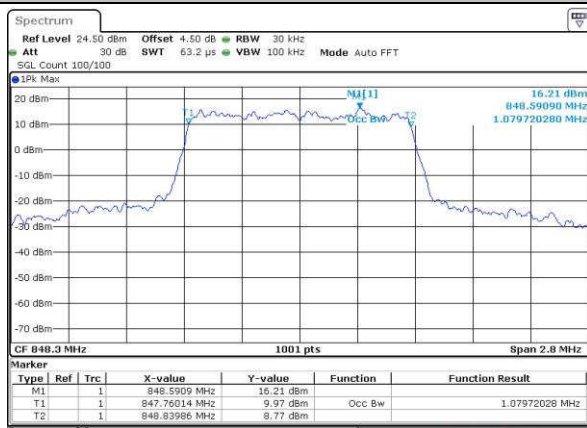
Middle Channel / 1.4MHz / QPSK



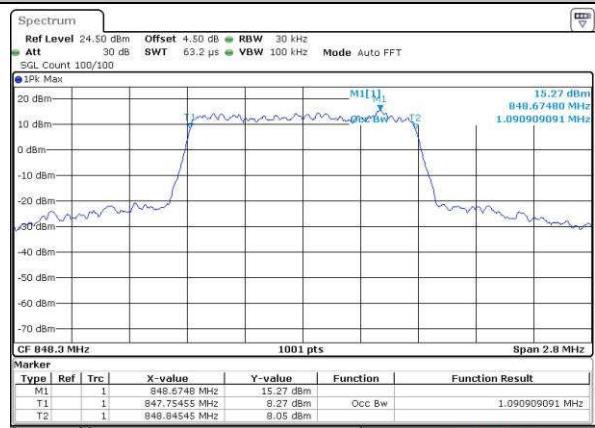
Middle Channel / 1.4MHz / 16QAM

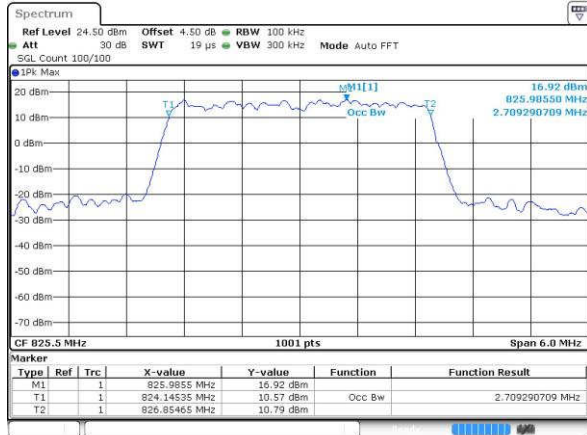
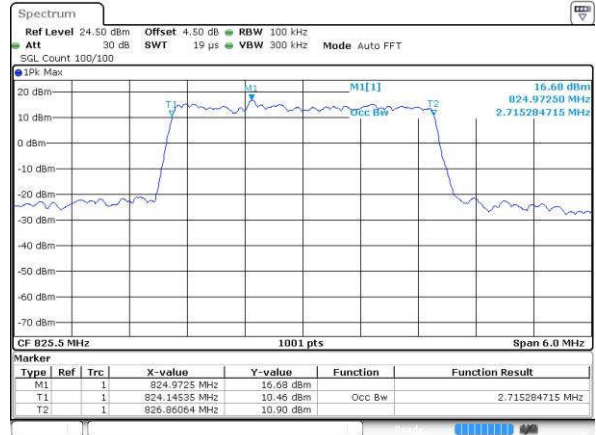
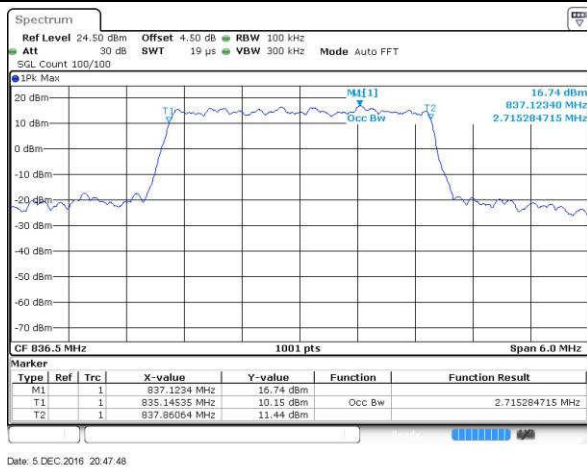
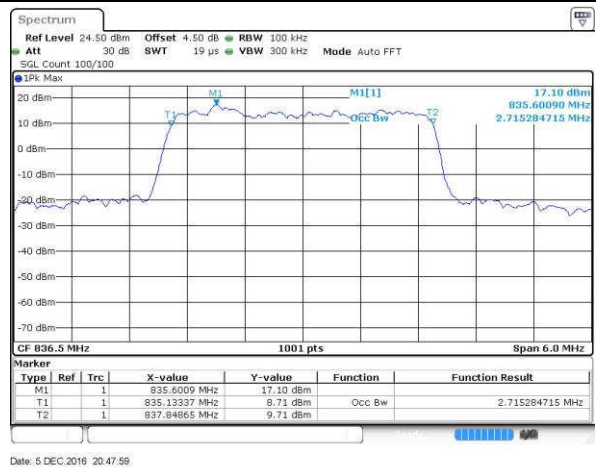
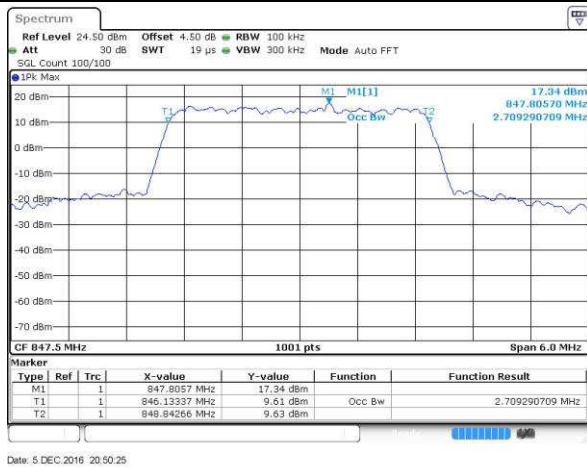


Highest Channel / 1.4MHz / QPSK



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**