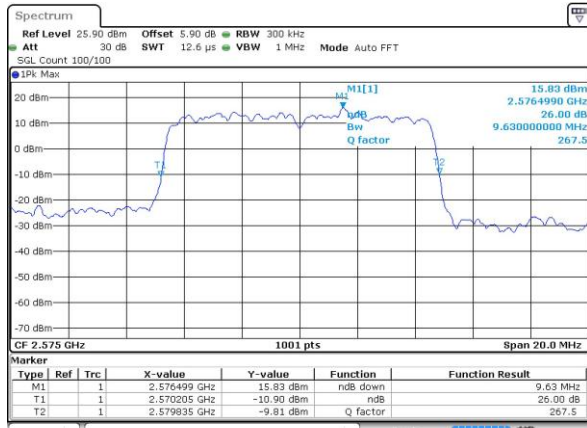


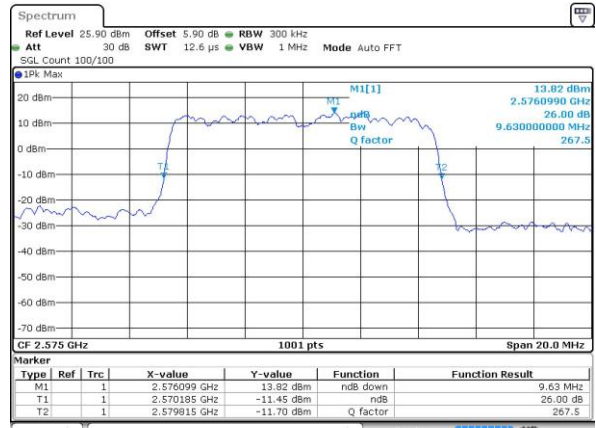


LTE Band 38

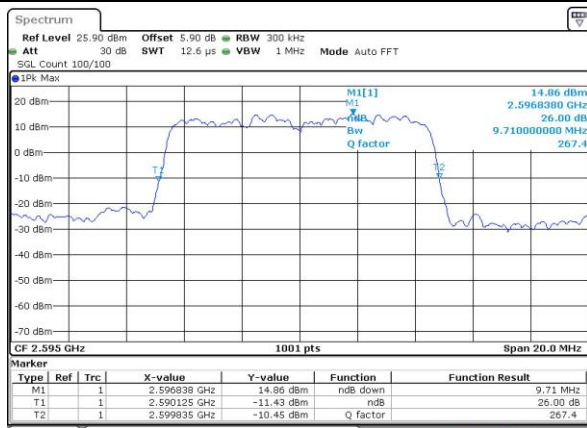
Lowest Channel / 10MHz / QPSK



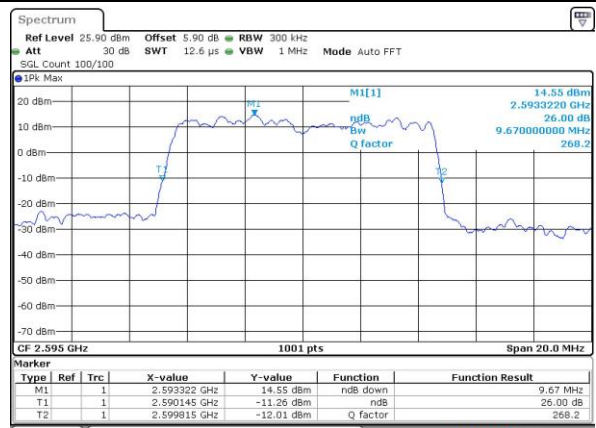
Lowest Channel / 10MHz / 16QAM



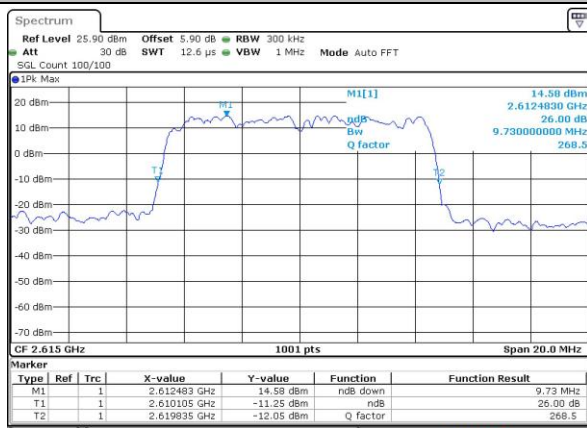
Middle Channel / 10MHz / QPSK



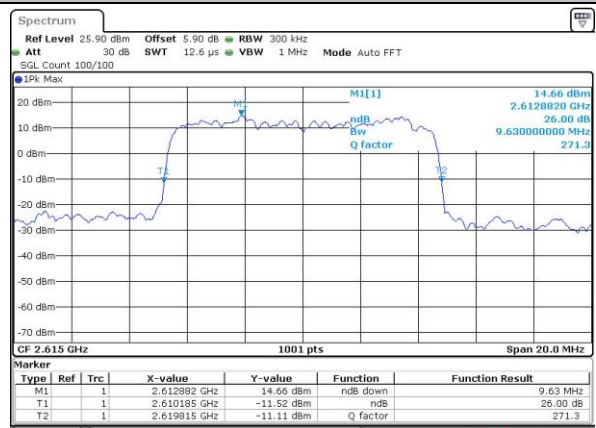
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



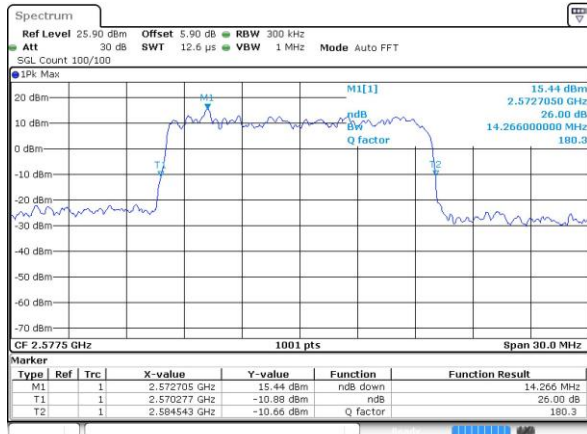
Highest Channel / 10MHz / 16QAM





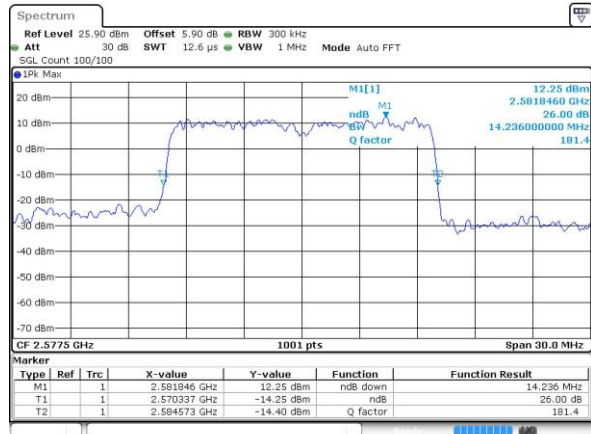
LTE Band 38

Lowest Channel / 15MHz / QPSK



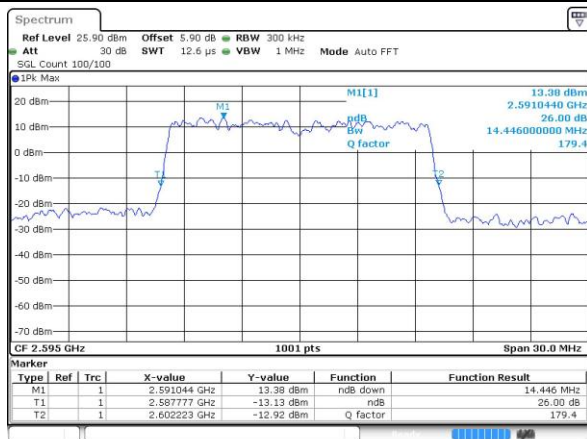
Date: 13 SEP 2016 00:00:49

Lowest Channel / 15MHz / 16QAM



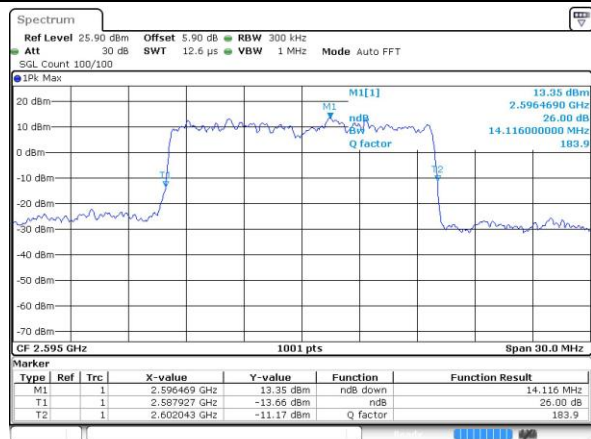
Date: 13 SEP 2016 00:01:00

Middle Channel / 15MHz / QPSK



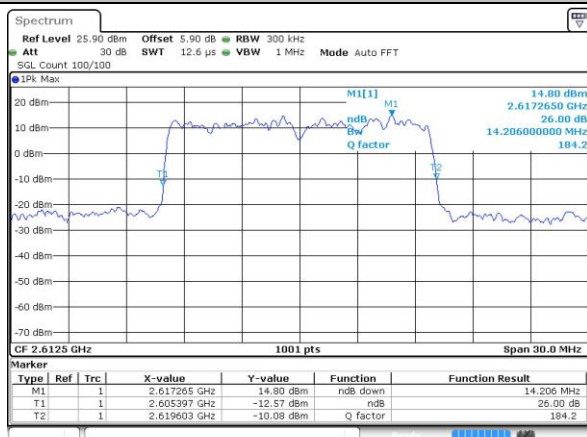
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Middle Channel / 15MHz / 16QAM



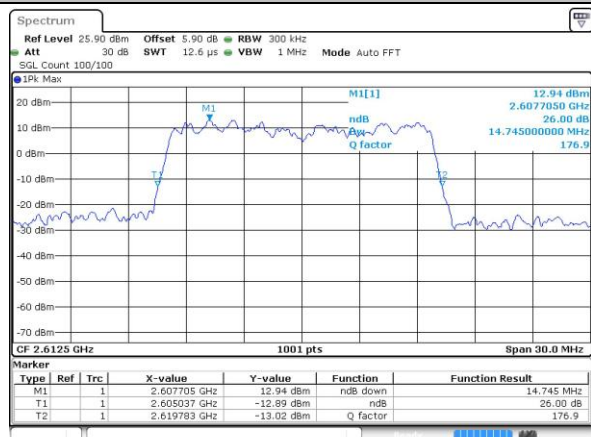
Date: 13 SEP 2016 00:01:33

Highest Channel / 15MHz / QPSK



Date: 13 SEP 2016 00:01:49

Highest Channel / 15MHz / 16QAM

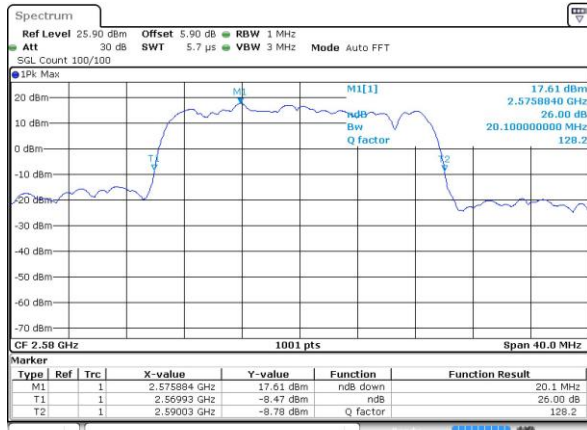


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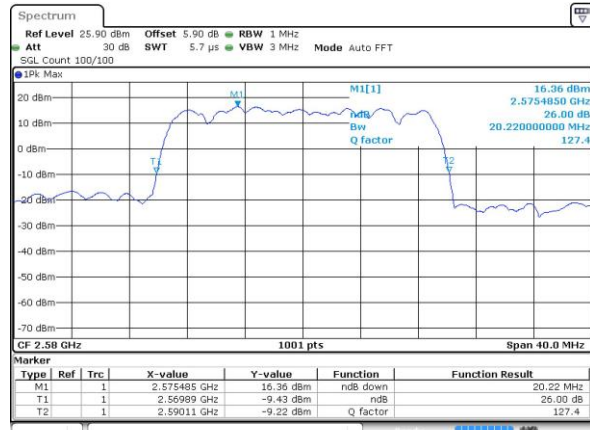


LTE Band 38

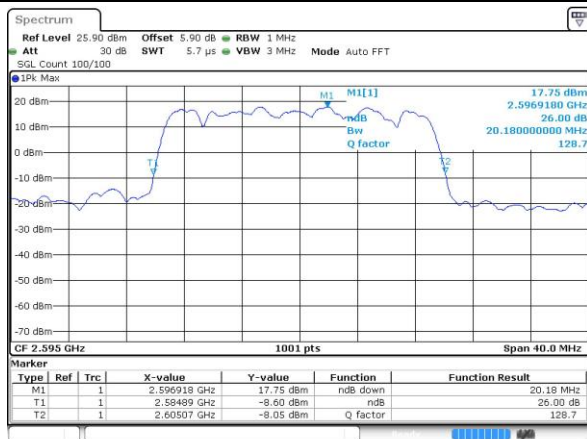
Lowest Channel / 20MHz / QPSK



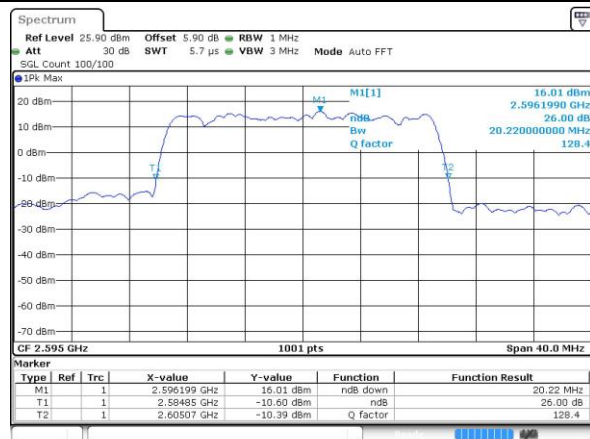
Lowest Channel / 20MHz / 16QAM



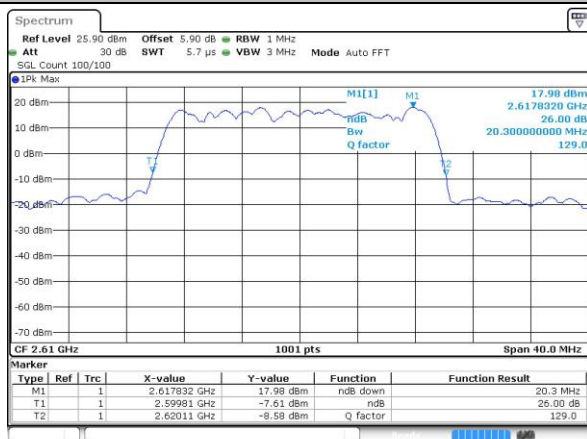
Middle Channel / 20MHz / QPSK



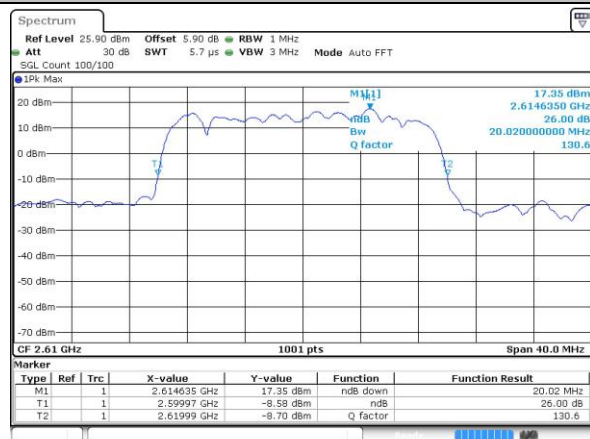
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



**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	1.08	2.73	2.73	4.49	4.49	8.95	8.97	13.49	13.34	18.06	18.38
Middle CH	1.08	1.09	2.73	2.71	4.48	4.48	9.07	8.95	13.43	13.43	18.26	18.46
Highest CH	1.09	1.09	2.73	2.73	4.49	4.49	9.05	9.03	13.43	13.46	18.58	18.5

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.51	4.48	9.03	9.01	13.46	13.4	18.1	18.18
Middle CH	1.09	1.1	2.71	2.72	4.48	4.51	8.99	9.05	13.4	13.46	18.3	18.38
Highest CH	1.09	1.09	2.71	2.74	4.52	4.52	9.03	9.05	13.49	13.4	18.46	18.5

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	4.51	4.47	9.11	8.99	-	-	-	-
Middle CH	1.09	1.09	2.72	2.72	4.52	4.48	9.03	9.03	-	-	-	-
Highest CH	1.09	1.09	2.73	2.71	4.5	4.5	9.11	8.99	-	-	-	-

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	-	-	-	-	4.51	4.48	9.09	8.99	13.46	13.46	18.38	18.5
Middle CH	-	-	-	-	4.48	4.49	8.99	9.03	13.52	13.46	18.46	18.34
Highest CH	-	-	-	-	4.47	4.5	9.03	9.01	13.46	13.43	18.54	18.5

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	2.7	4.48	4.49	8.99	8.95	-	-	-	-
Middle CH	1.09	1.1	2.73	2.72	4.49	4.5	9.03	8.99	-	-	-	-
Highest CH	1.09	1.09	2.73	2.74	4.5	4.5	9.05	9.09	-	-	-	-



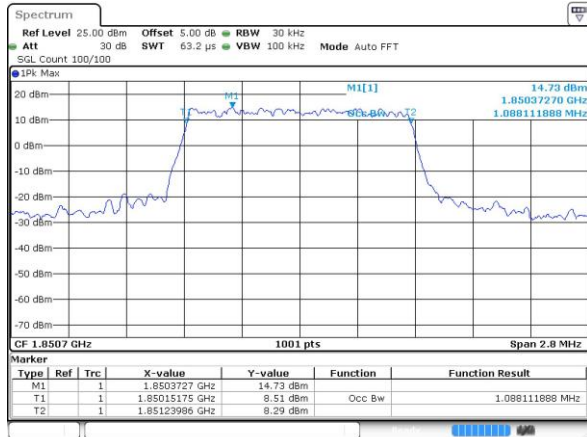
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.47	9.03	9.05	-	-	-	-
Middle CH	-	-	-	-	4.5	4.51	8.99	9.07	-	-	-	-
Highest CH	-	-	-	-	4.48	4.51	9.09	9.01	-	-	-	-

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	-	-	-	-	4.49	4.51	9.07	8.95	13.4	13.43	18.42	18.3
Middle CH	-	-	-	-	4.48	4.49	8.97	9.01	13.4	13.52	18.46	18.38
Highest CH	-	-	-	-	4.51	4.96	9.01	8.99	13.43	13.37	18.38	18.54

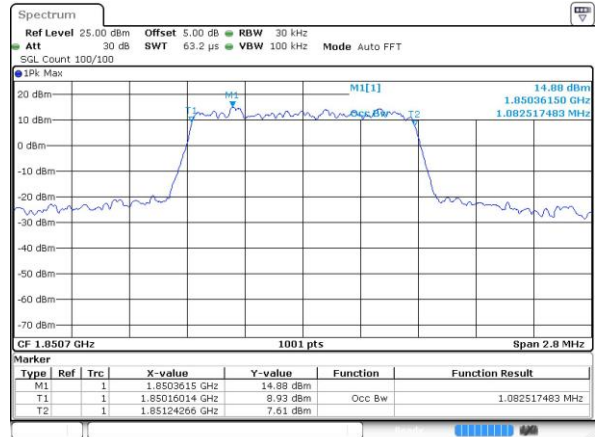


LTE Band 2

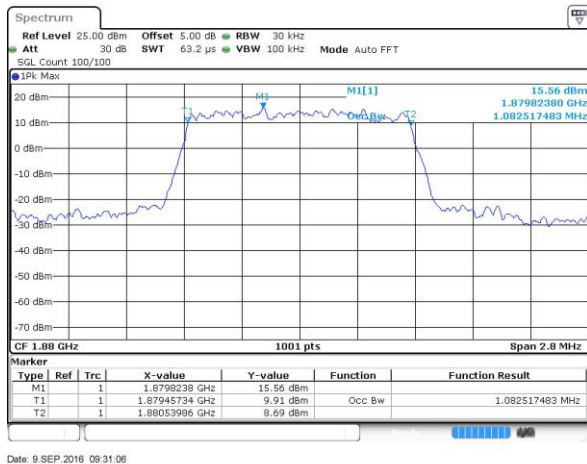
Lowest Channel / 1.4MHz / QPSK



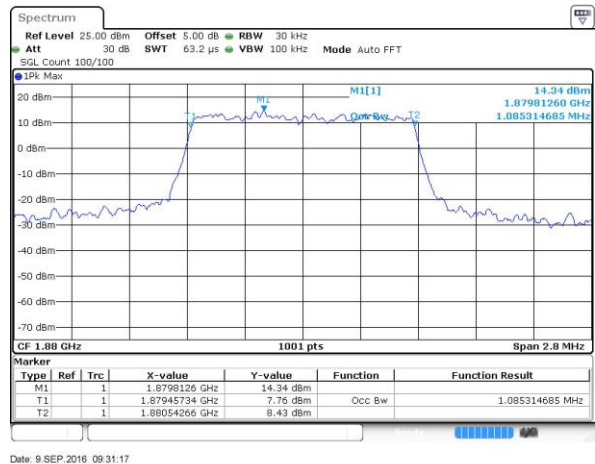
Lowest Channel / 1.4MHz / 16QAM



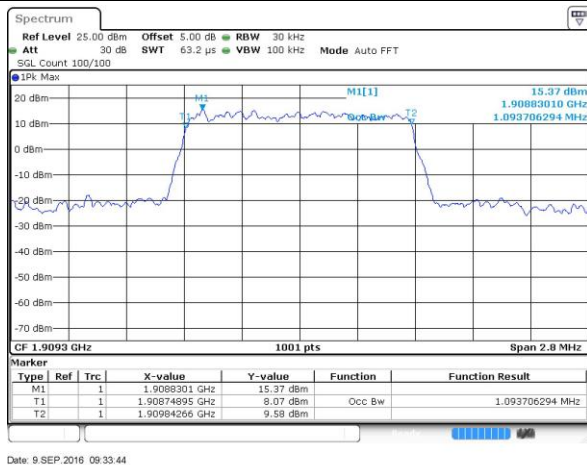
Middle Channel / 1.4MHz / QPSK



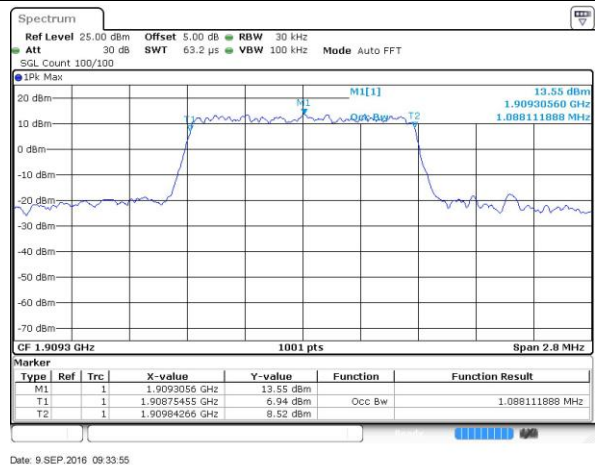
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



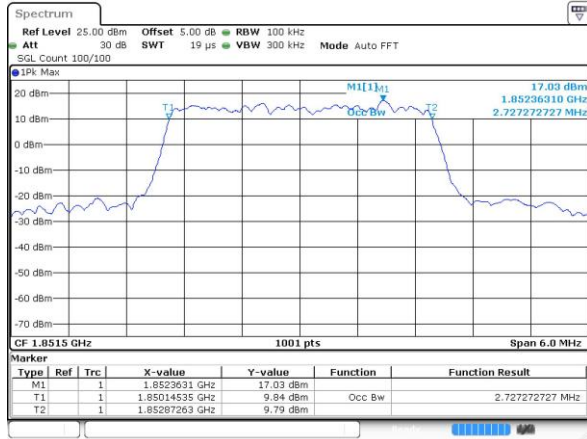
Highest Channel / 1.4MHz / 16QAM



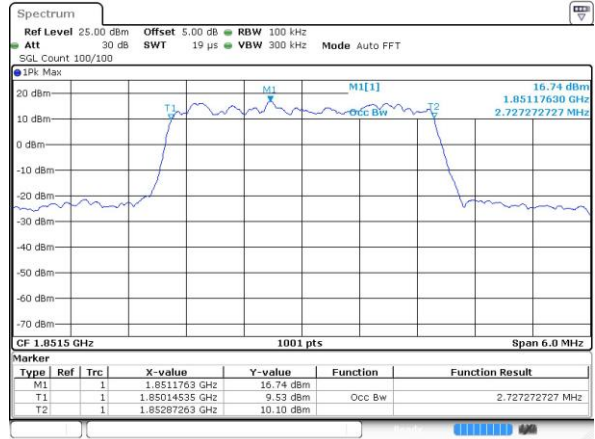


LTE Band 2

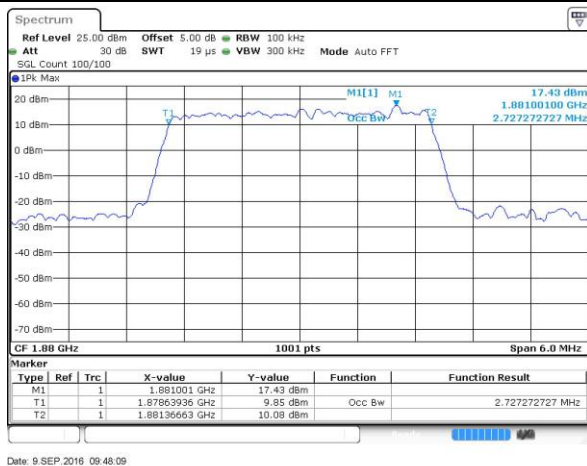
Lowest Channel / 3MHz / QPSK



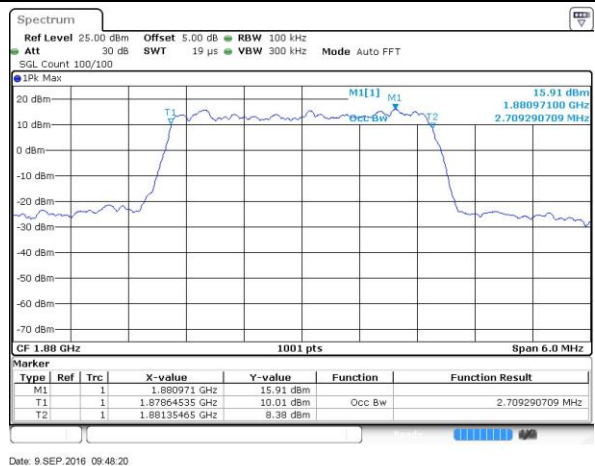
Lowest Channel / 3MHz / 16QAM



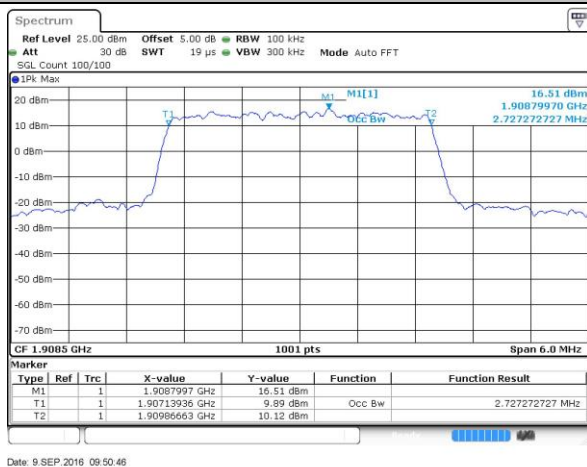
Middle Channel / 3MHz / QPSK



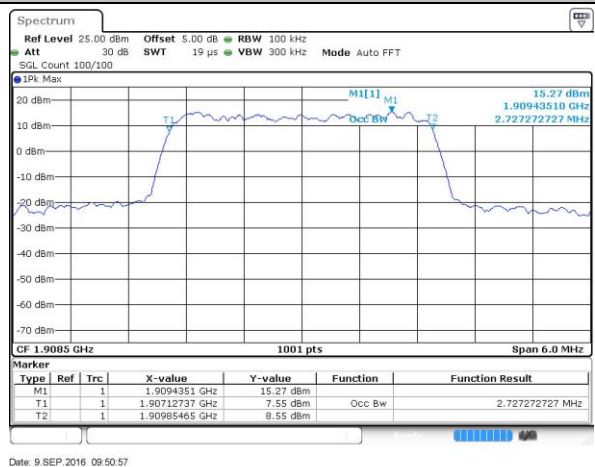
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



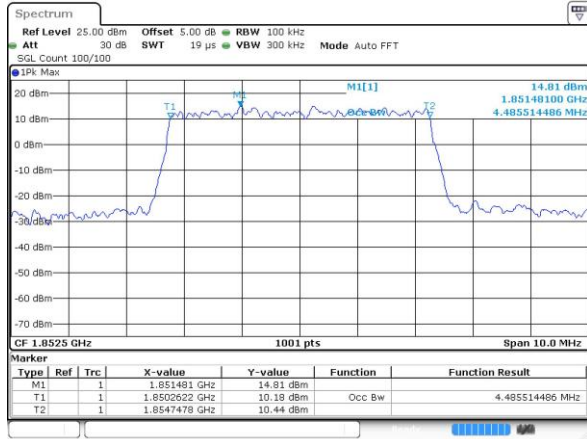
Highest Channel / 3MHz / 16QAM





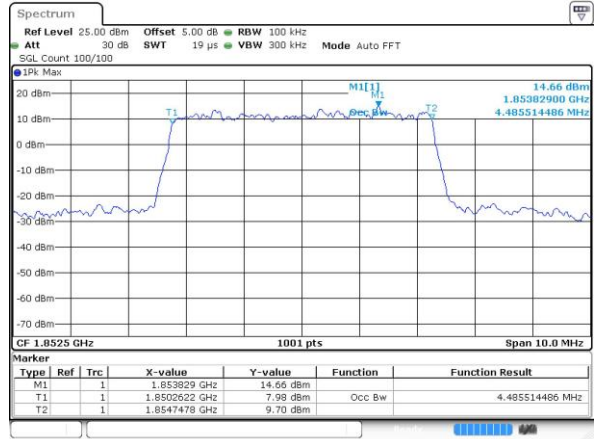
LTE Band 2

Lowest Channel / 5MHz / QPSK



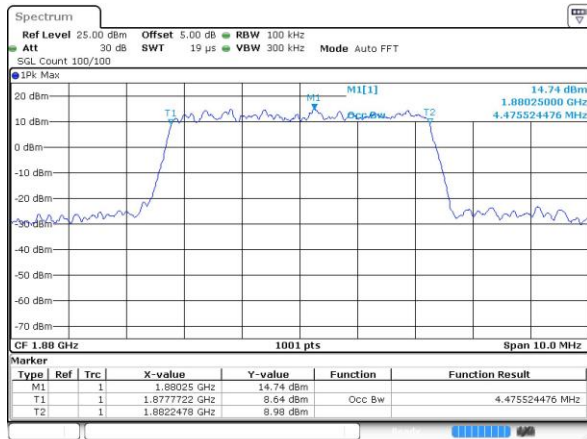
Date: 9 SEP 2016 09:57:59

Lowest Channel / 5MHz / 16QAM



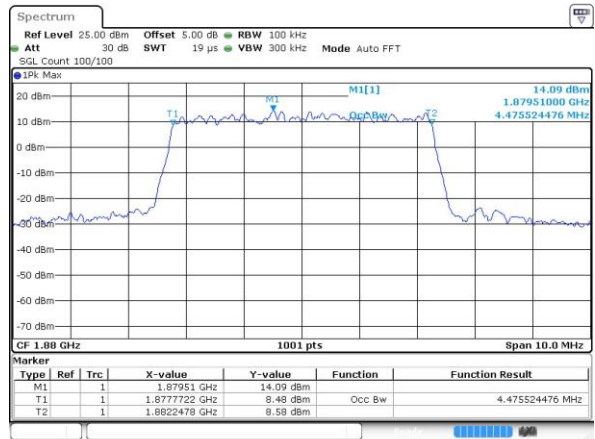
Date: 9 SEP 2016 09:58:10

Middle Channel / 5MHz / QPSK



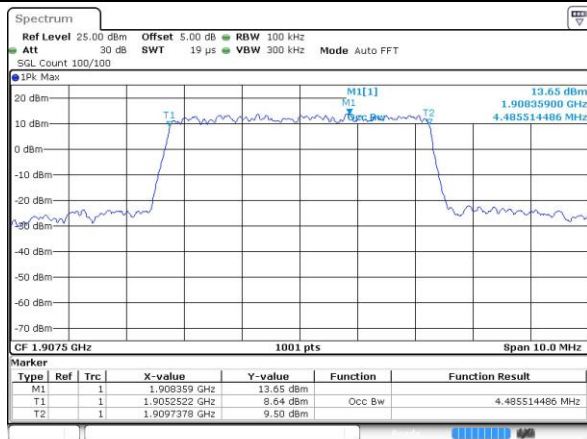
Date: 9 SEP 2016 10:05:11

Middle Channel / 5MHz / 16QAM



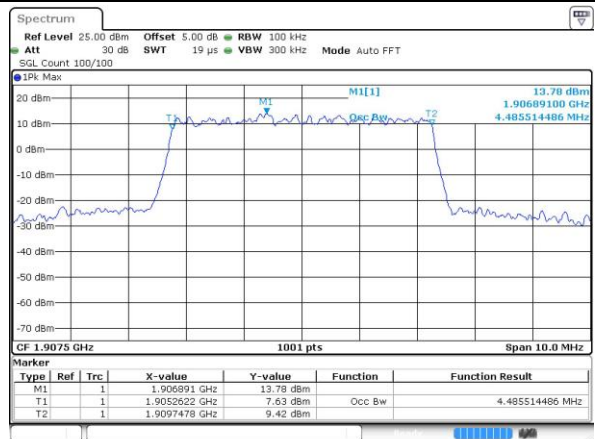
Date: 9 SEP 2016 10:05:23

Highest Channel / 5MHz / QPSK



Date: 9 SEP 2016 10:07:49

Highest Channel / 5MHz / 16QAM

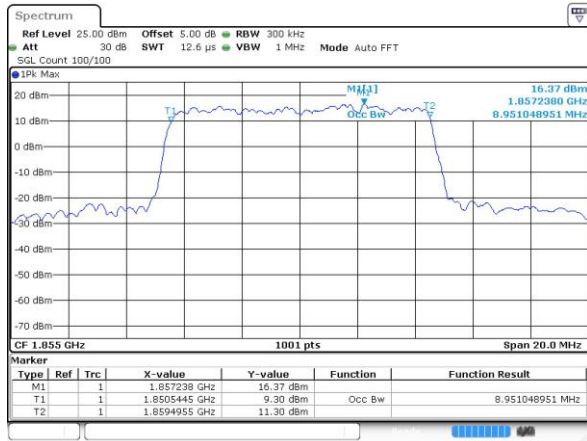


Date: 9 SEP 2016 10:08:00

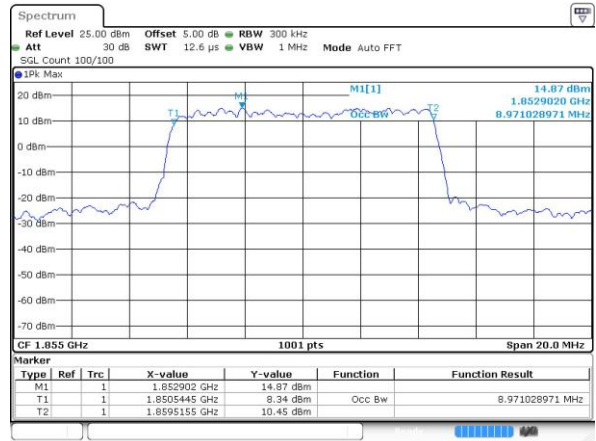


LTE Band 2

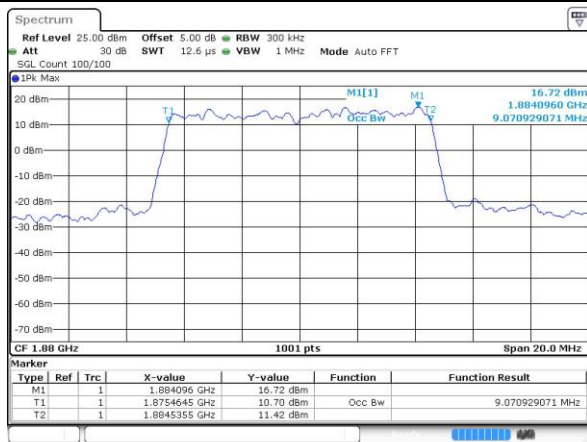
Lowest Channel / 10MHz / QPSK



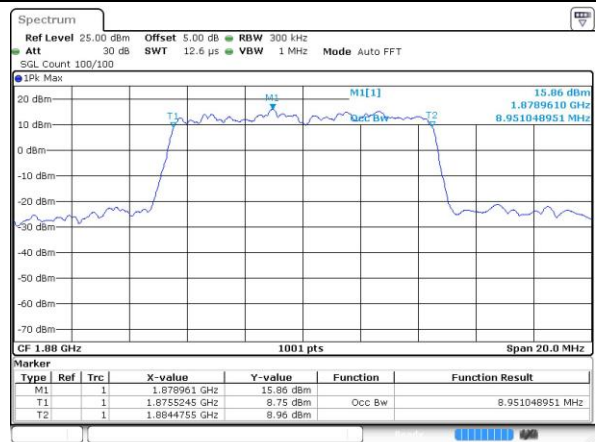
Lowest Channel / 10MHz / 16QAM



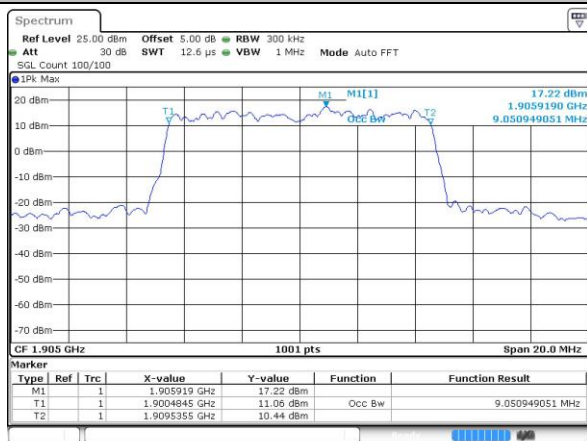
Middle Channel / 10MHz / QPSK



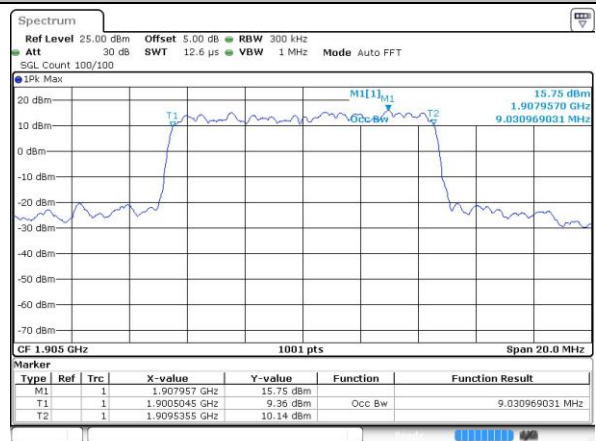
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



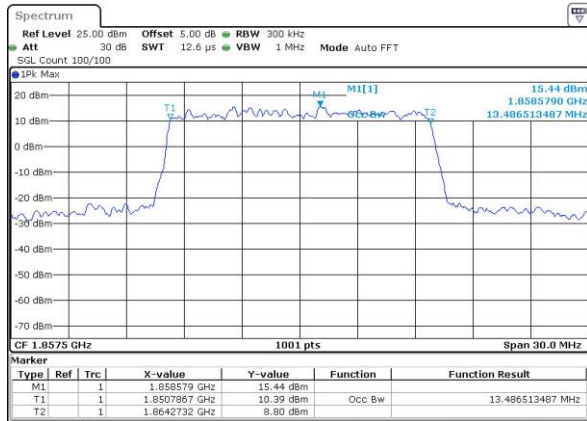
Highest Channel / 10MHz / 16QAM





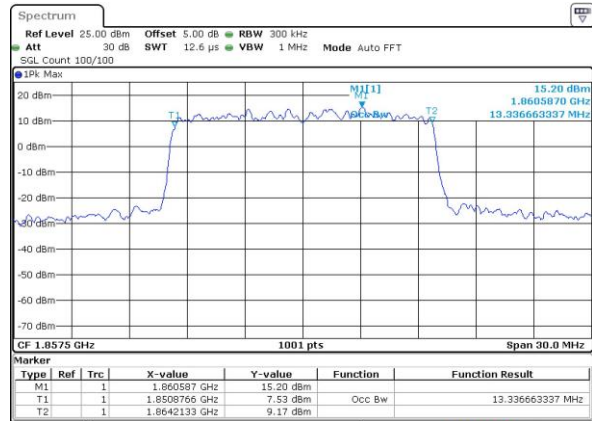
LTE Band 2

Lowest Channel / 15MHz / QPSK



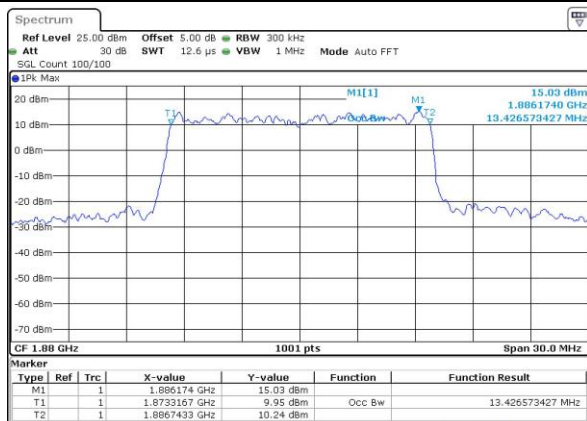
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Lowest Channel / 15MHz / 16QAM



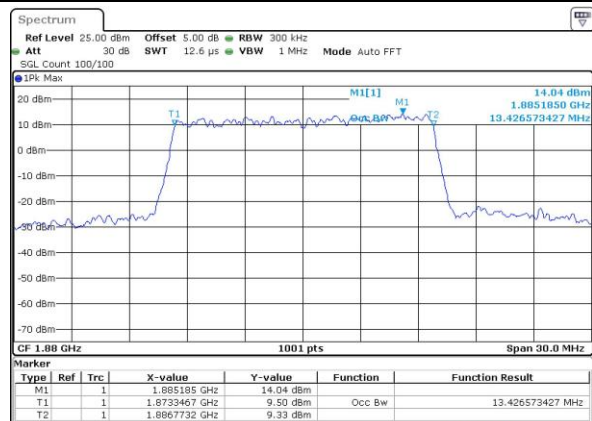
Date: 9 SEP 2016 10:32:15

Middle Channel / 15MHz / QPSK



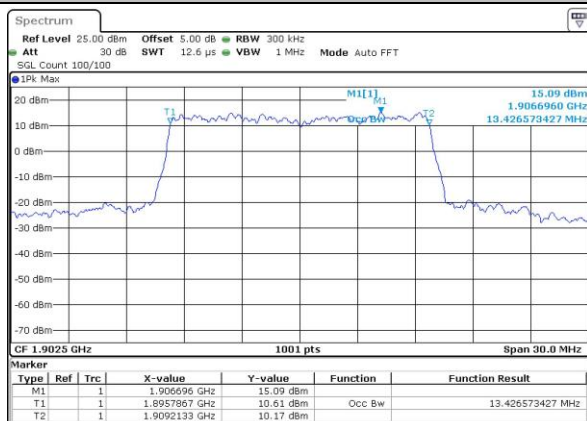
Date: 9 SEP 2016 10:39:16

Middle Channel / 15MHz / 16QAM



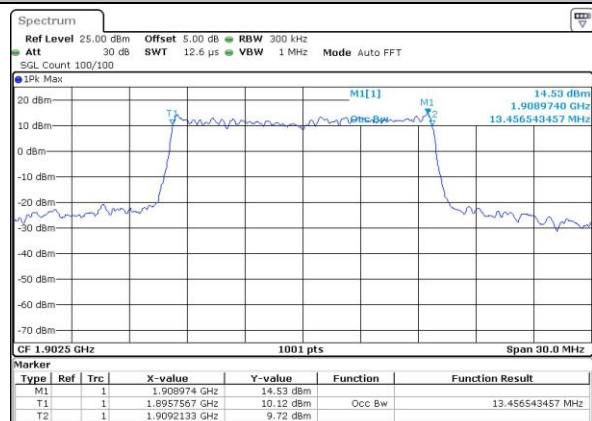
Date: 9 SEP 2016 10:39:27

Highest Channel / 15MHz / QPSK



Date: 9 SEP 2016 10:41:52

Highest Channel / 15MHz / 16QAM

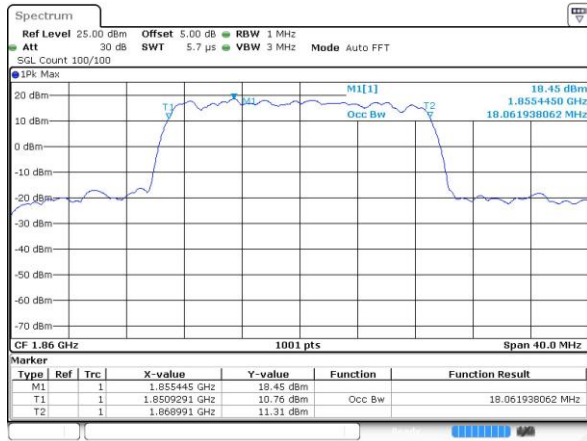


Date: 9 SEP 2016 10:42:03

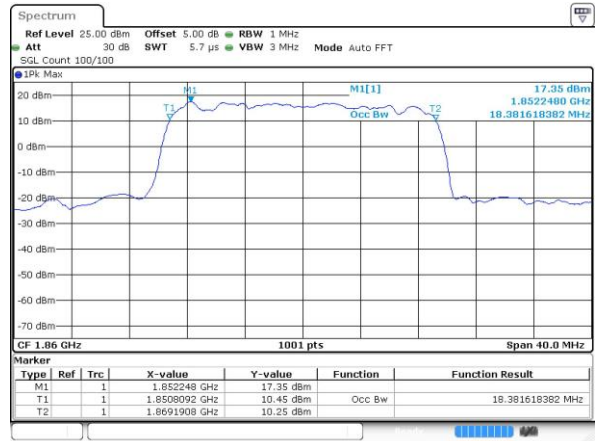


LTE Band 2

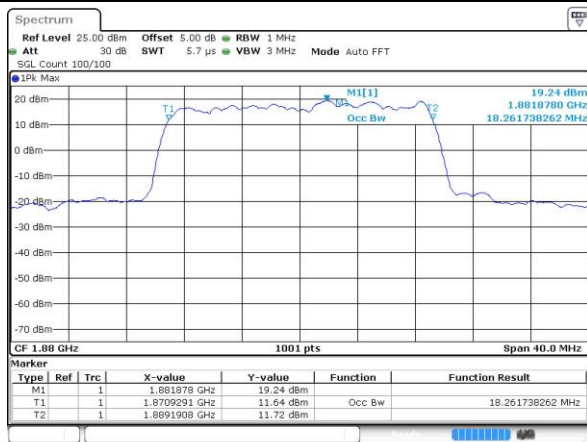
Lowest Channel / 20MHz / QPSK



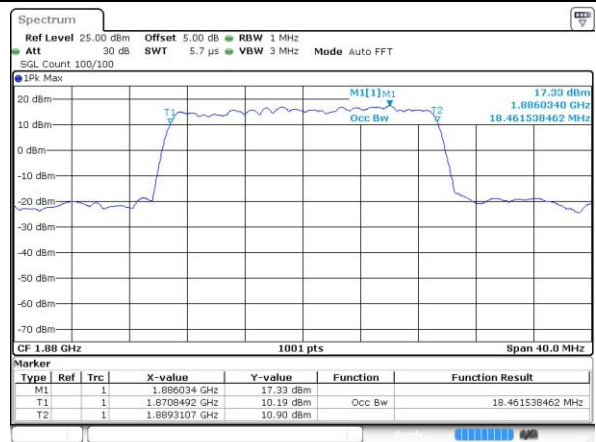
Lowest Channel / 20MHz / 16QAM



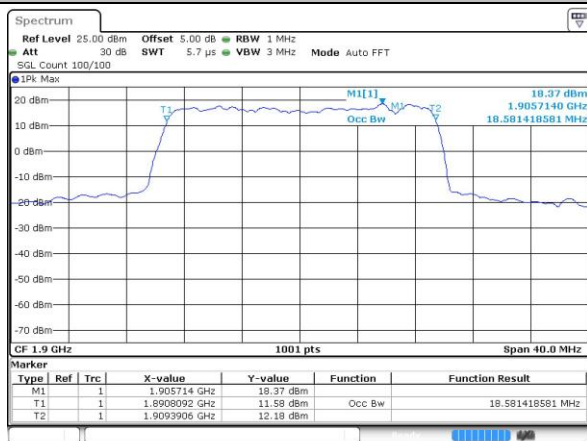
Middle Channel / 20MHz / QPSK



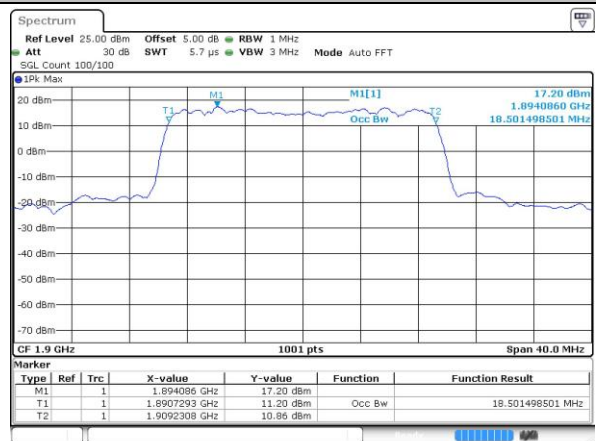
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



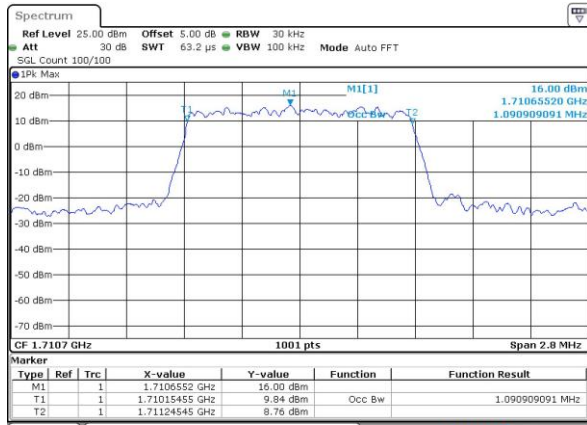
Highest Channel / 20MHz / 16QAM



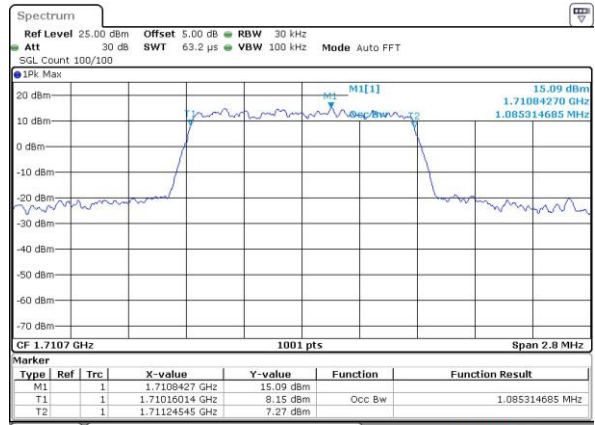


LTE Band 4

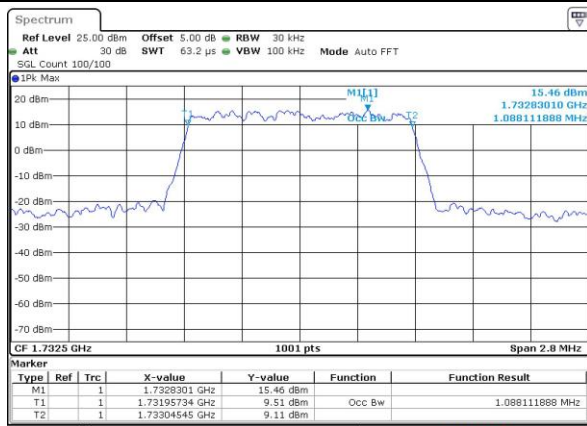
Lowest Channel / 1.4MHz / QPSK



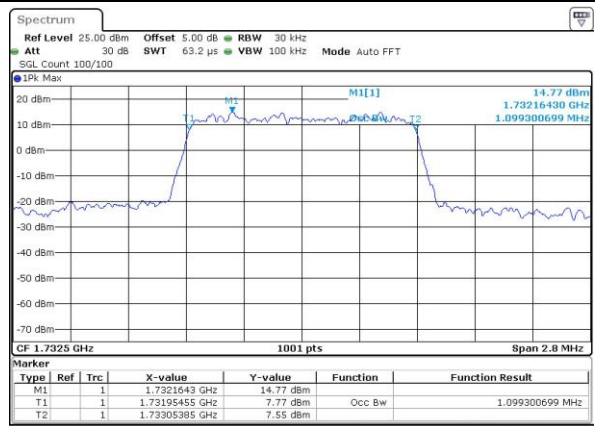
Lowest Channel / 1.4MHz / 16QAM



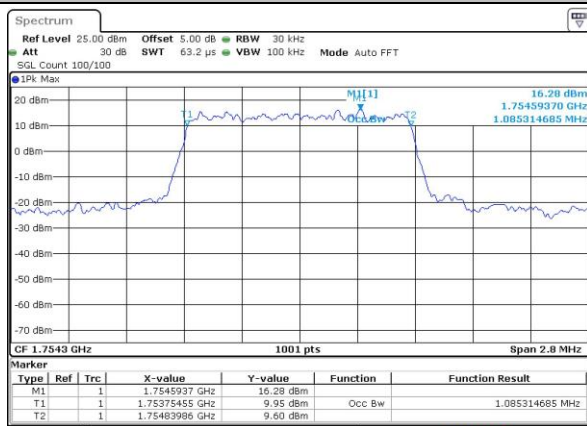
Middle Channel / 1.4MHz / QPSK



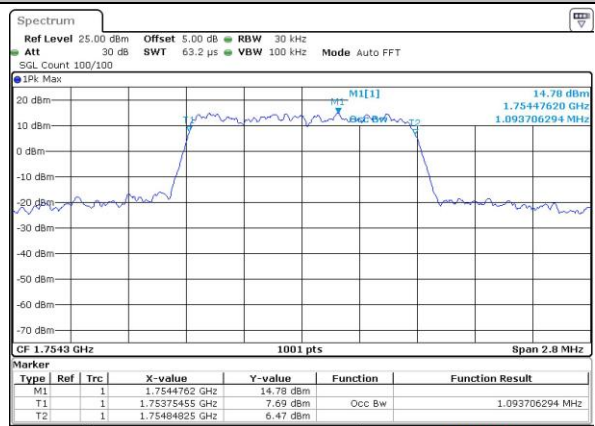
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



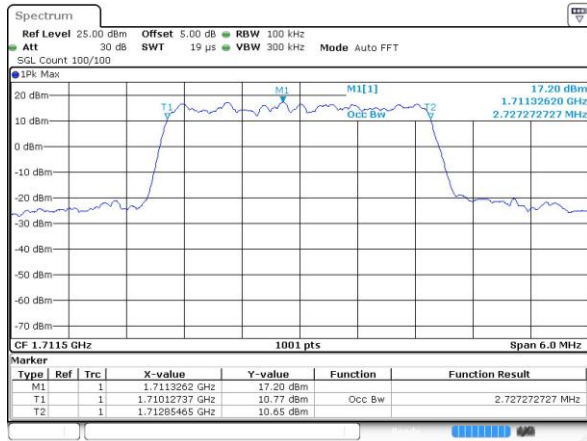
Highest Channel / 1.4MHz / 16QAM



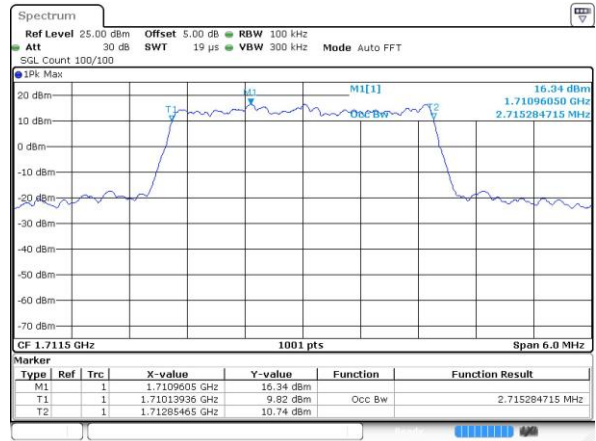


LTE Band 4

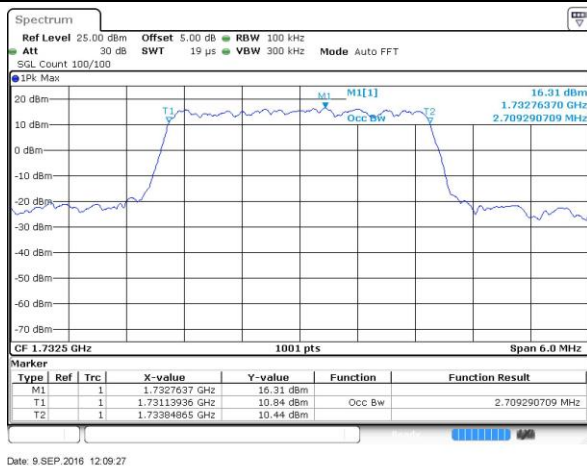
Lowest Channel / 3MHz / QPSK



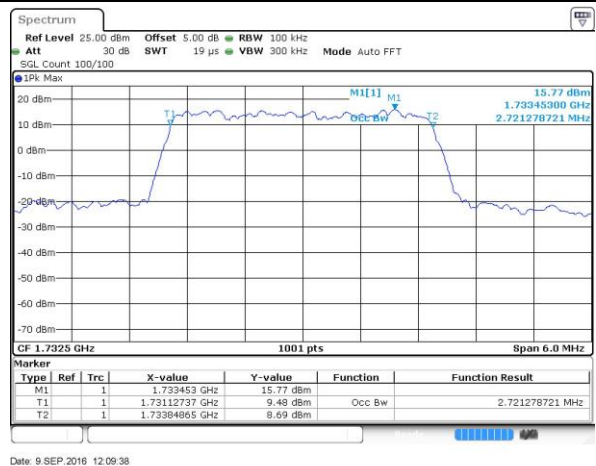
Lowest Channel / 3MHz / 16QAM



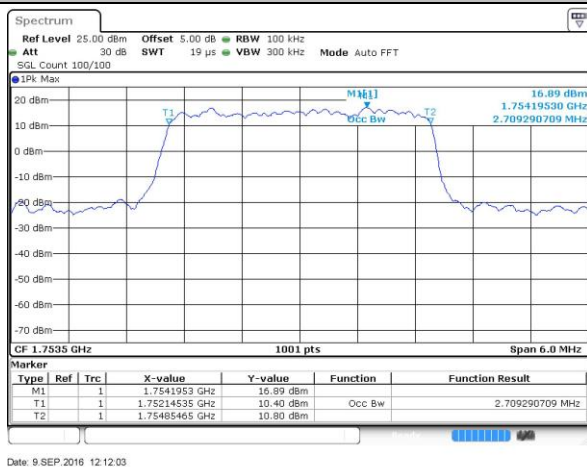
Middle Channel / 3MHz / QPSK



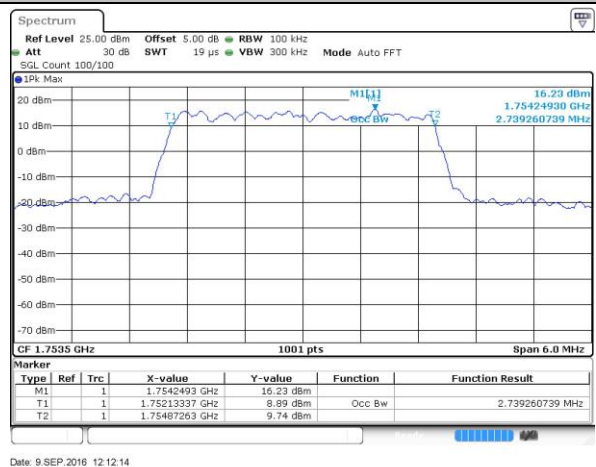
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



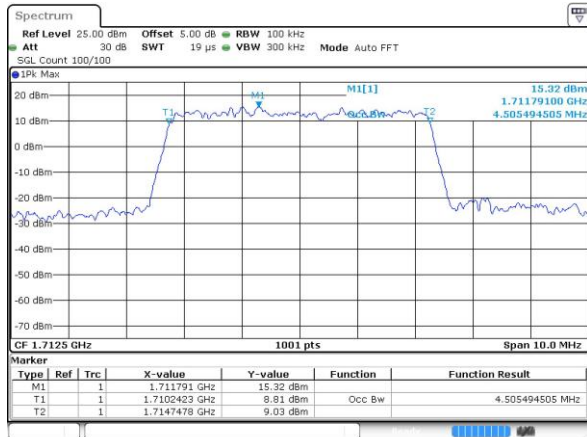
Highest Channel / 3MHz / 16QAM



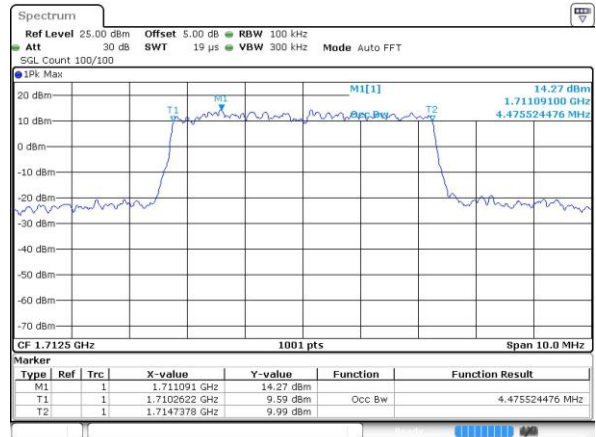


LTE Band 4

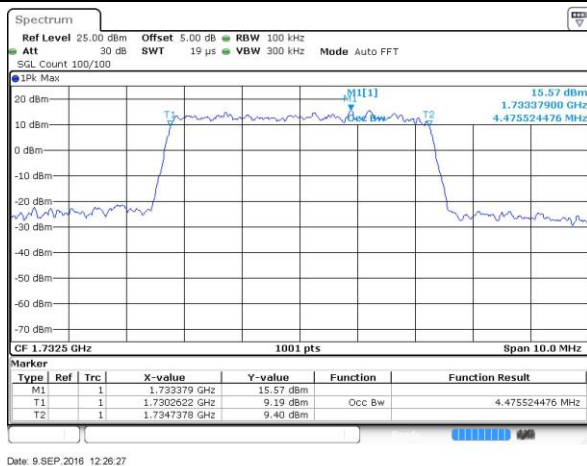
Lowest Channel / 5MHz / QPSK



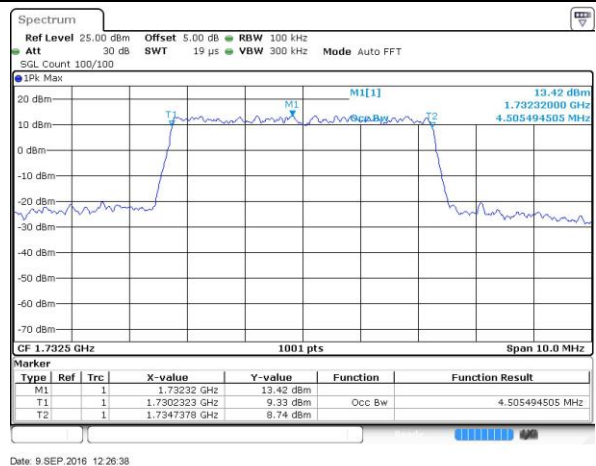
Lowest Channel / 5MHz / 16QAM



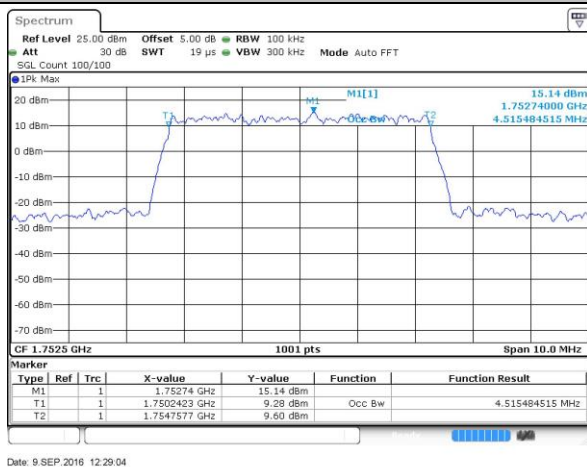
Middle Channel / 5MHz / QPSK



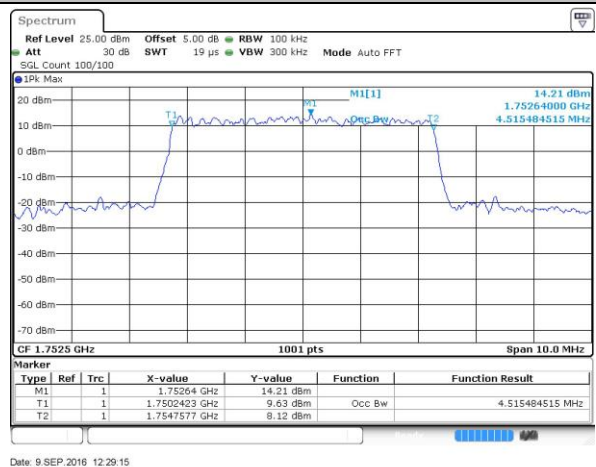
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



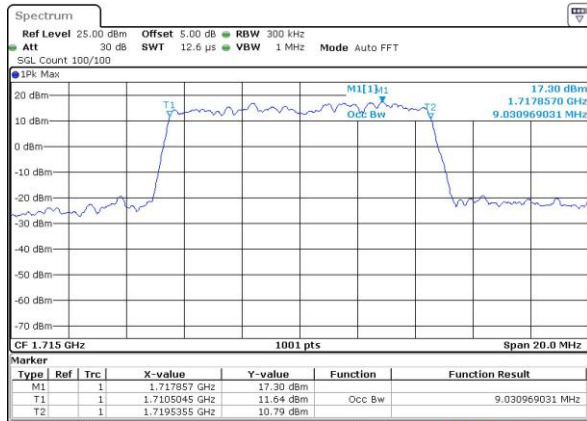
Highest Channel / 5MHz / 16QAM



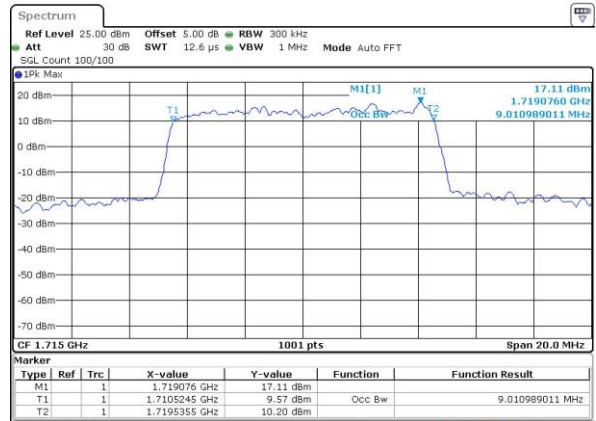


LTE Band 4

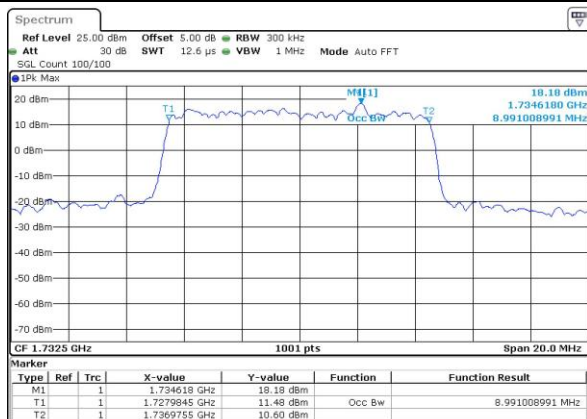
Lowest Channel / 10MHz / QPSK



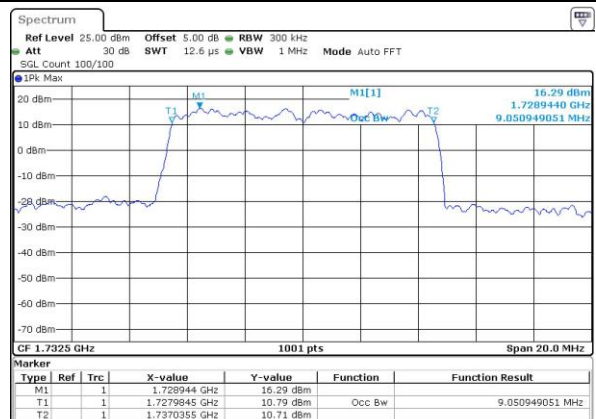
Lowest Channel / 10MHz / 16QAM



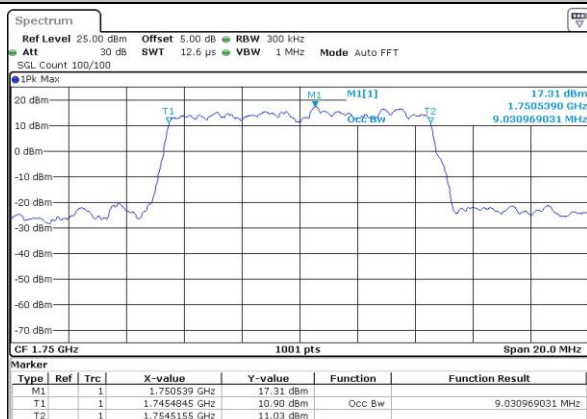
Middle Channel / 10MHz / QPSK



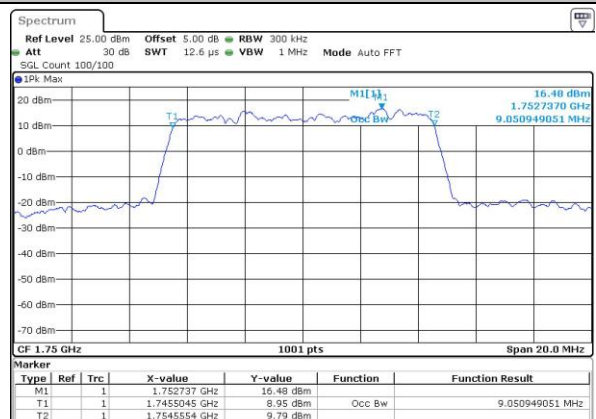
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



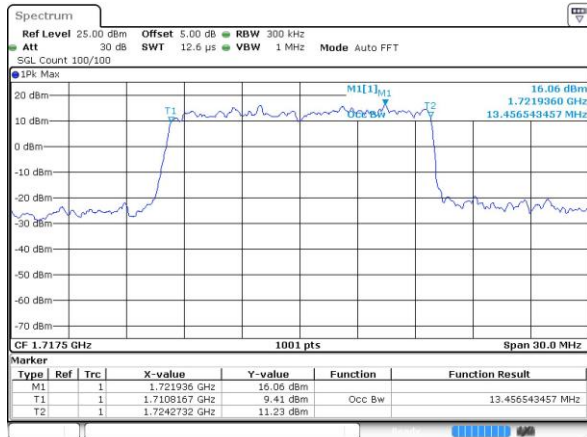
Highest Channel / 10MHz / 16QAM





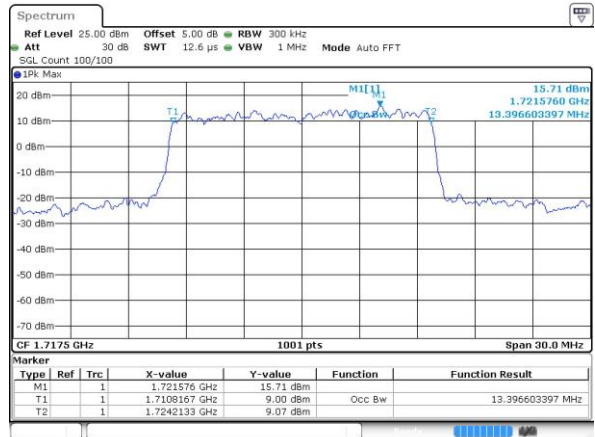
LTE Band 4

Lowest Channel / 15MHz / QPSK



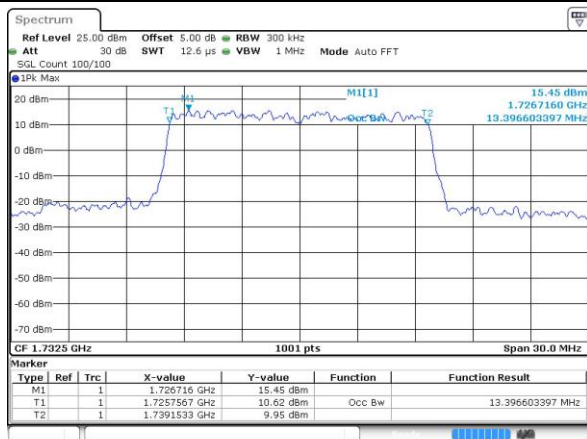
Date: 9 SEP 2016 12:53:16

Lowest Channel / 15MHz / 16QAM



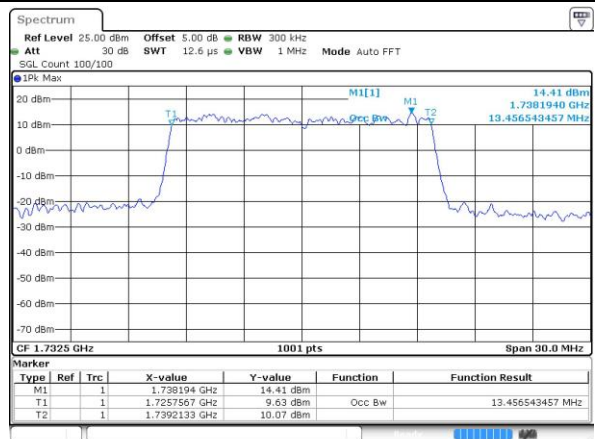
Date: 9 SEP 2016 12:53:27

Middle Channel / 15MHz / QPSK



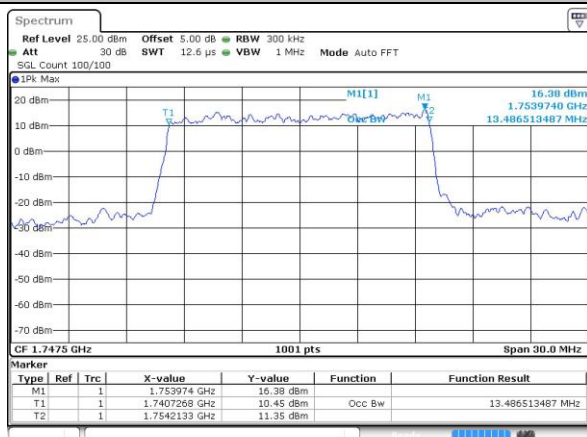
Date: 9 SEP 2016 13:00:28

Middle Channel / 15MHz / 16QAM



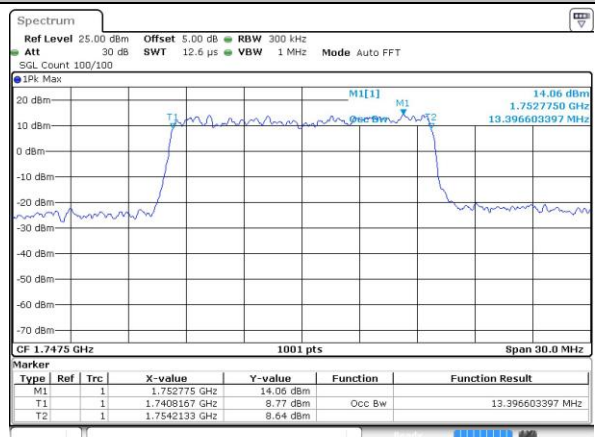
Date: 9 SEP 2016 13:00:36

Highest Channel / 15MHz / QPSK



Date: 9 SEP 2016 13:03:04

Highest Channel / 15MHz / 16QAM

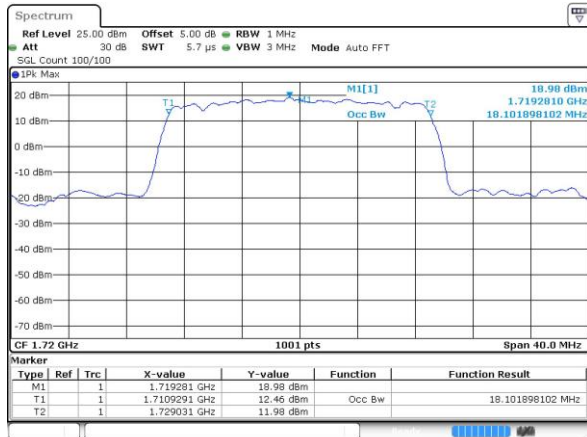


Date: 9 SEP 2016 16:22:31



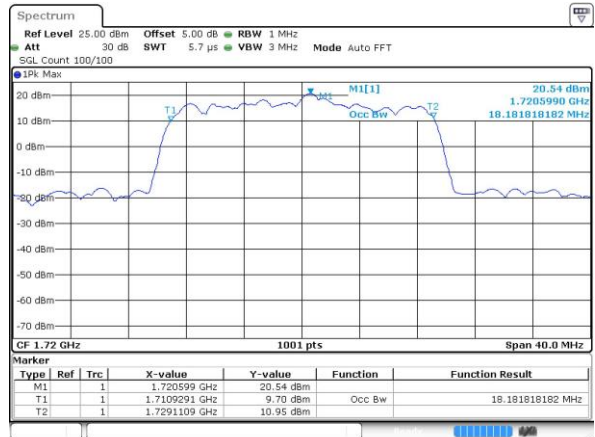
LTE Band 4

Lowest Channel / 20MHz / QPSK



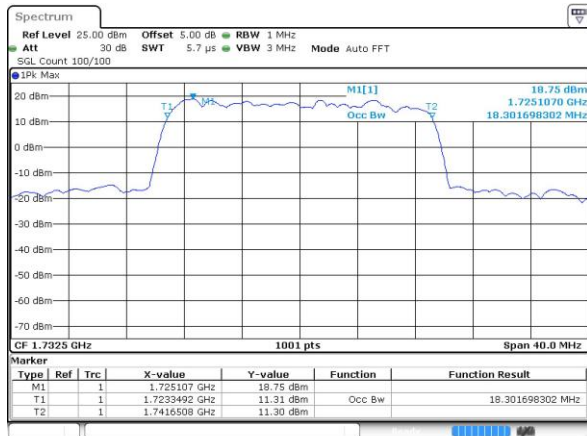
Date: 9 SEP 2016 13:10:17

Lowest Channel / 20MHz / 16QAM



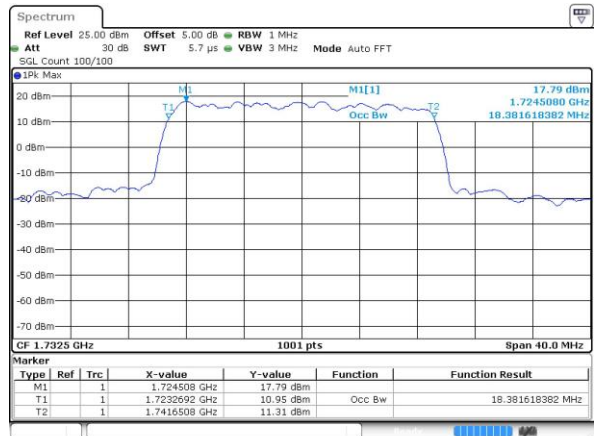
Date: 9 SEP 2016 13:10:29

Middle Channel / 20MHz / QPSK



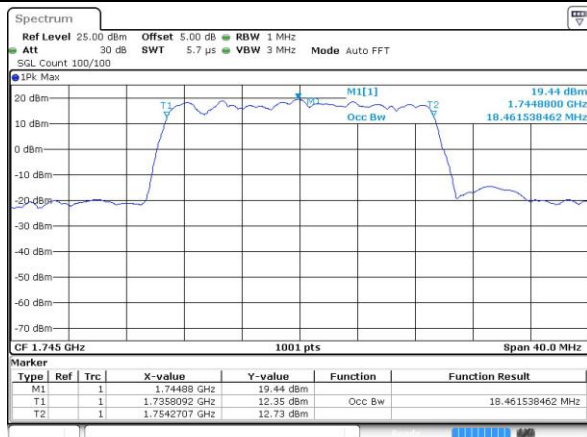
Date: 9 SEP 2016 13:17:29

Middle Channel / 20MHz / 16QAM



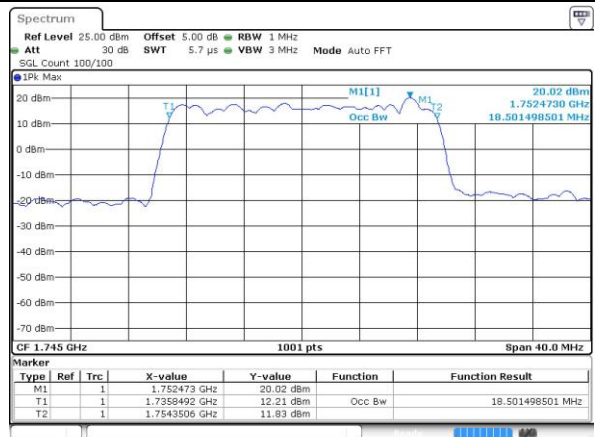
Date: 9 SEP 2016 13:17:40

Highest Channel / 20MHz / QPSK

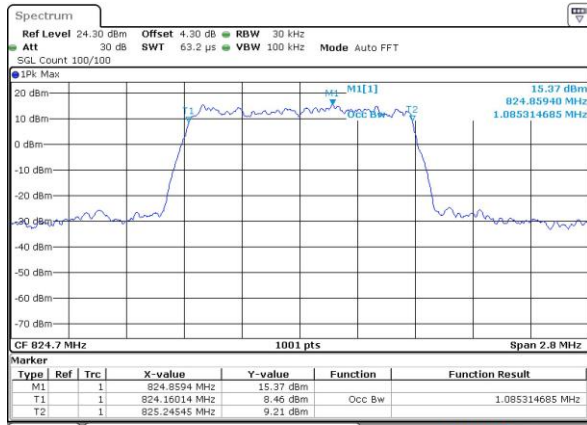


Date: 9 SEP 2016 13:20:06

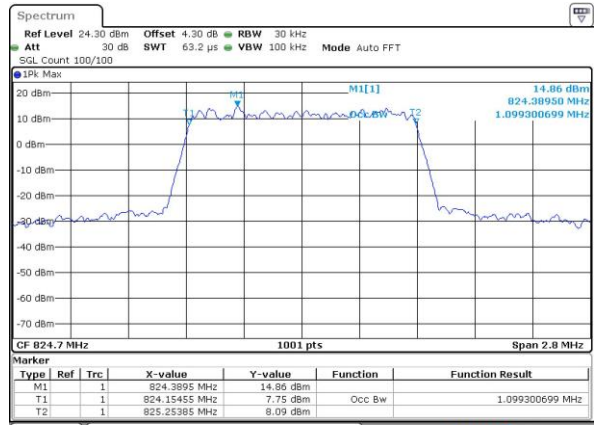
Highest Channel / 20MHz / 16QAM



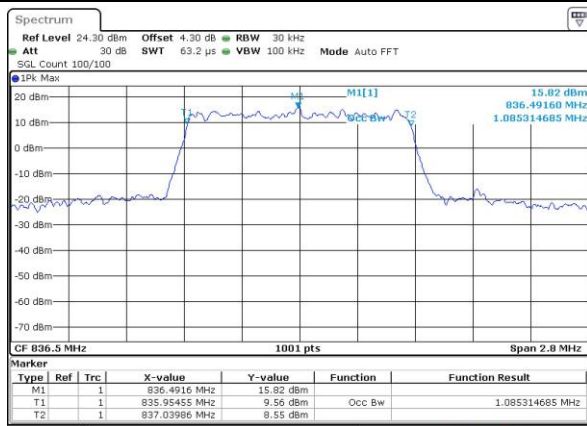
Date: 9 SEP 2016 13:20:17

**LTE Band 5****Lowest Channel / 1.4MHz / QPSK**

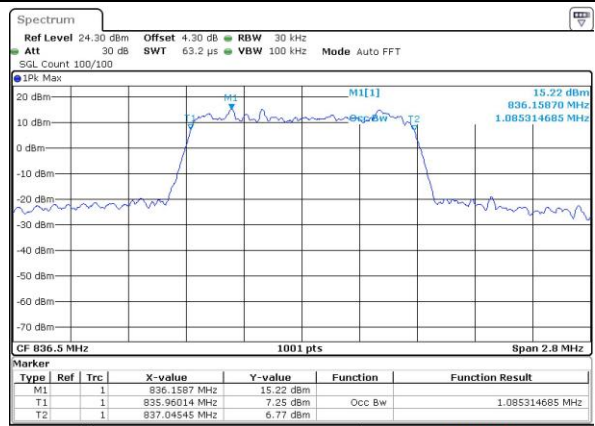
Date: 9 SEP 2016 14:09:46

Lowest Channel / 1.4MHz / 16QAM

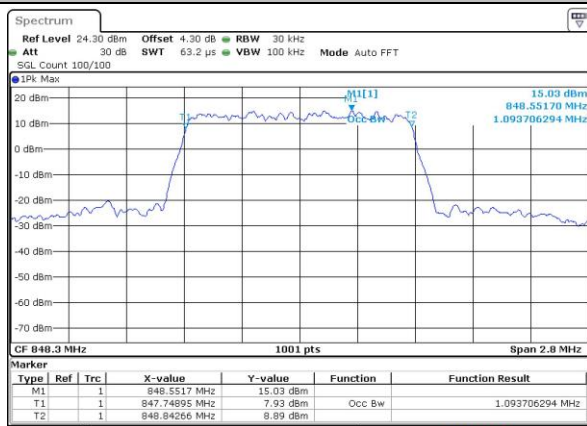
Date: 9 SEP 2016 14:09:57

Middle Channel / 1.4MHz / QPSK

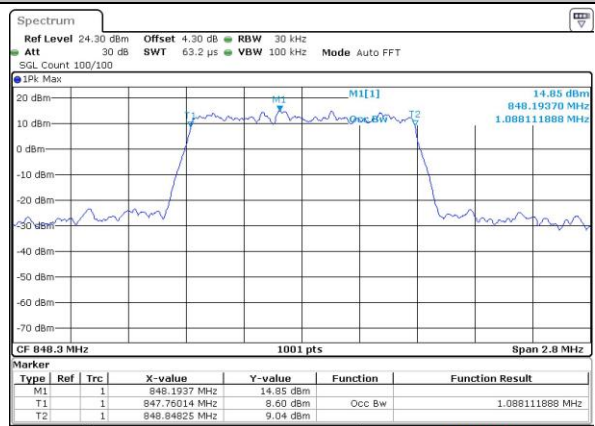
Date: 9 SEP 2016 14:20:56

Middle Channel / 1.4MHz / 16QAM

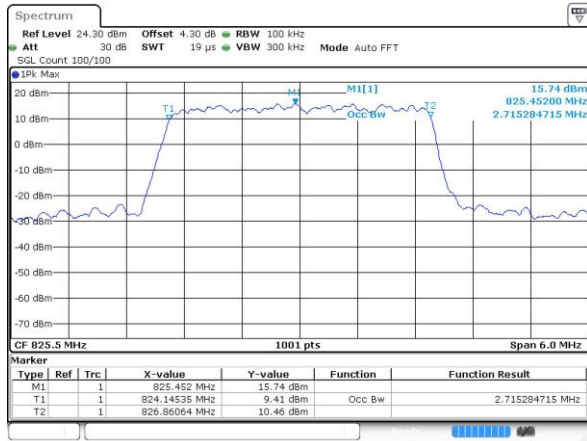
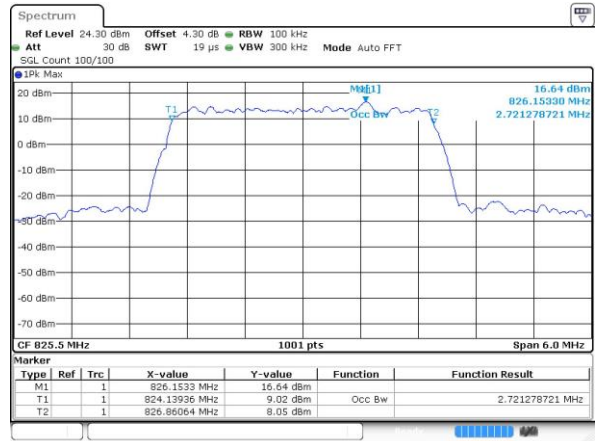
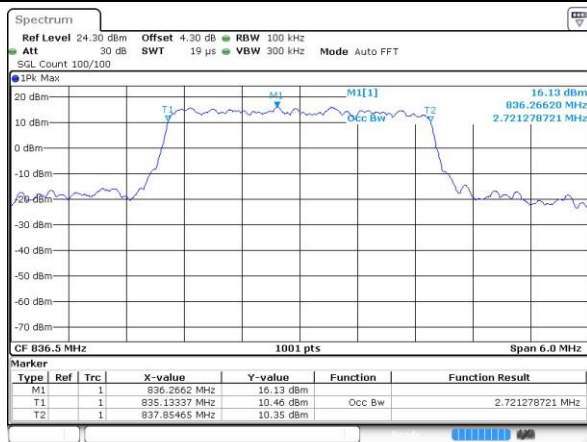
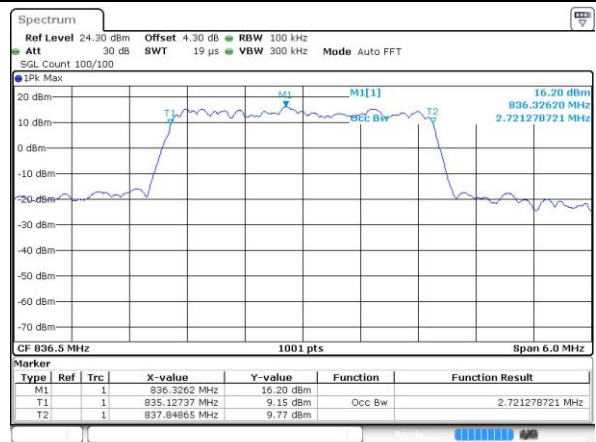
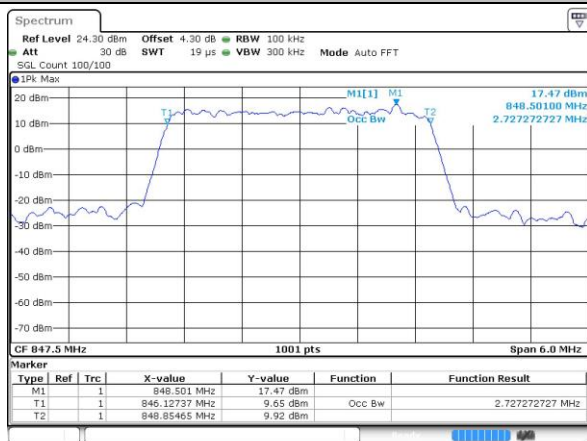
Date: 9 SEP 2016 14:21:07

Highest Channel / 1.4MHz / QPSK

Date: 9 SEP 2016 14:23:33

Highest Channel / 1.4MHz / 16QAM

Date: 9 SEP 2016 14:23:44

**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**