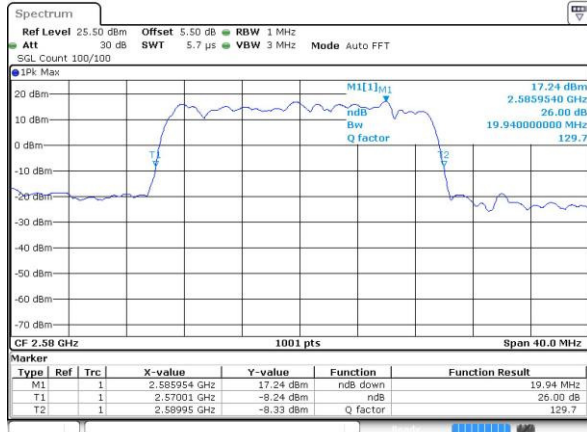


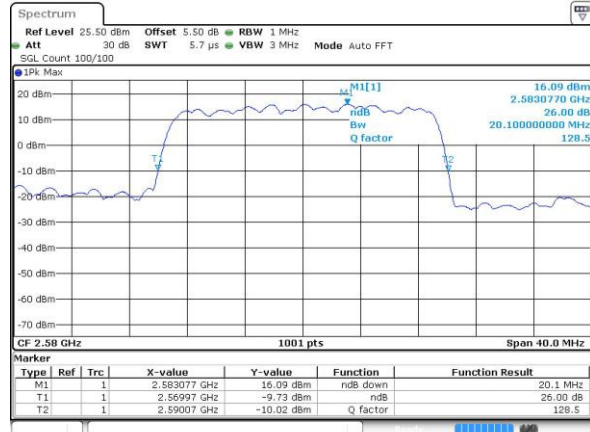


LTE Band 38

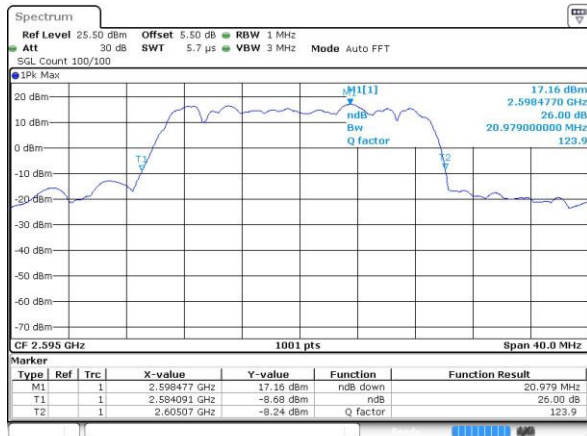
Lowest Channel / 20MHz / QPSK



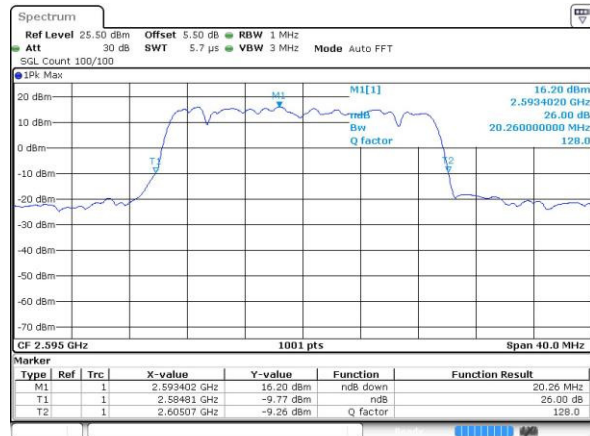
Lowest Channel / 20MHz / 16QAM



Middle Channel / 20MHz / QPSK



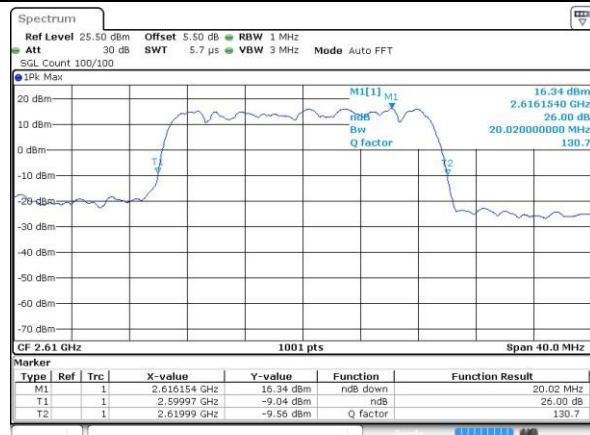
Middle Channel / 20MHz / 16QAM



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	1.1	2.72	2.71	4.49	4.49	9.13	9.05	13.43	13.4	18.22	18.22
Middle CH	1.1	1.1	2.73	2.71	4.5	4.5	9.09	8.99	13.49	13.52	18.5	18.34
Highest CH	1.1	1.09	2.73	2.71	4.49	4.5	8.99	9.03	13.43	13.49	18.38	18.46

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	1.1	1.1	2.72	2.71	4.5	4.5	9.01	9.05	13.46	13.34	18.14	18.18
Middle CH	1.09	1.09	2.72	2.72	4.49	4.51	9.09	9.01	13.58	13.37	18.54	18.54
Highest CH	1.1	1.1	2.73	2.7	4.5	4.5	9.13	9.09	13.4	13.49	18.54	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	1.1	2.74	2.72	4.49	4.5	9.07	9.07	-	-	-	-
Middle CH	1.1	1.1	2.73	2.72	4.49	4.49	8.97	9.07	-	-	-	-
Highest CH	1.09	1.1	2.72	2.73	4.48	4.49	9.19	9.11	-	-	-	-

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	-	-	-	-	4.49	4.52	9.15	8.97	13.49	13.55	18.46	18.34
Middle CH	-	-	-	-	4.48	4.5	9.03	8.97	13.46	13.46	18.42	18.46
Highest CH	-	-	-	-	4.49	4.49	9.05	9.03	13.46	13.52	18.38	18.46

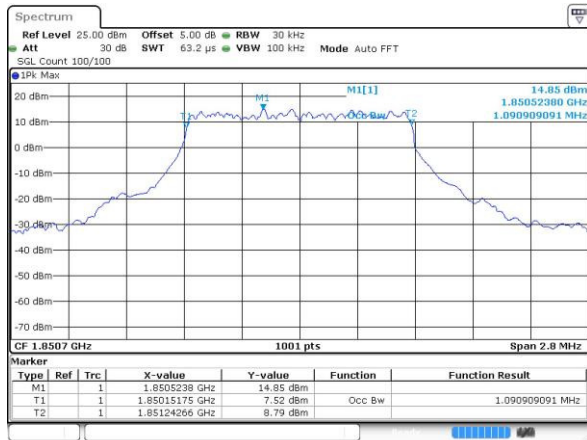
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.71	2.72	4.49	4.51	9.09	9.07	-	-	-	-
Middle CH	1.1	1.09	2.73	2.7	4.48	4.49	9.03	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.73	4.5	4.49	8.95	9.05	-	-	-	-



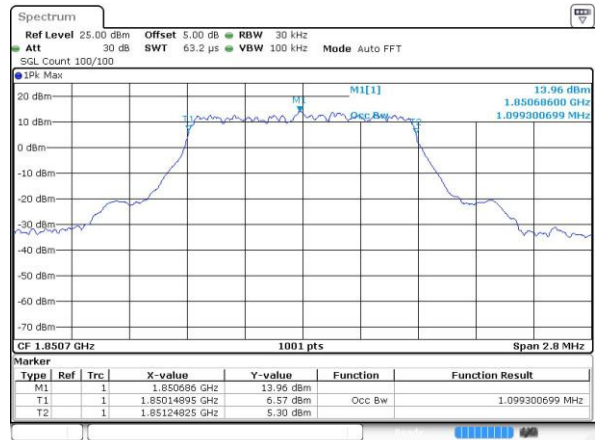
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.5	8.91	9.01	-	-	-	-
Middle CH	-	-	-	-	4.49	4.47	9.01	9.03	-	-	-	-
Highest CH	-	-	-	-	4.51	4.49	9.05	8.99	-	-	-	-

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	1.1	1.09	2.72	2.72	4.48	4.51	9.05	9.01	13.46	13.43	18.5	18.26

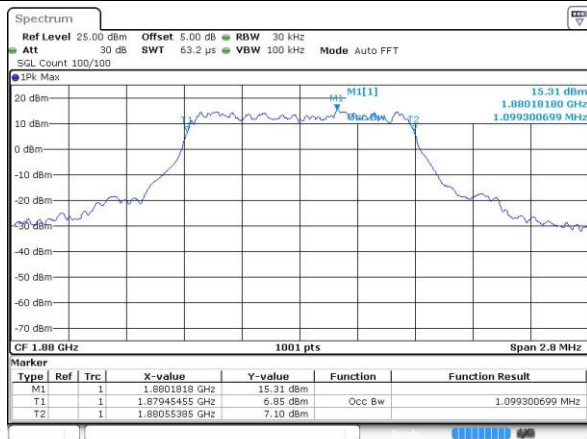
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.01	8.97	13.58	13.37	18.3	18.26
Middle CH	-	-	-	-	4.48	4.49	8.97	9.01	13.46	13.43	18.26	18.3
Highest CH	-	-	-	-	4.48	4.5	9.07	9.05	13.43	13.34	18.14	18.26

**LTE Band 2****Lowest Channel / 1.4MHz / QPSK**

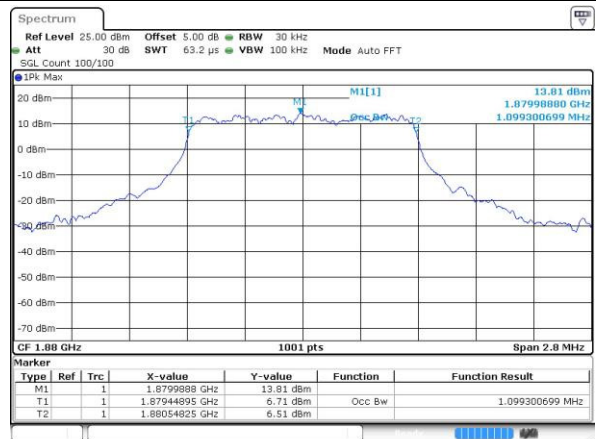
Date: 4 JUL 2016 09:44:33

Lowest Channel / 1.4MHz / 16QAM

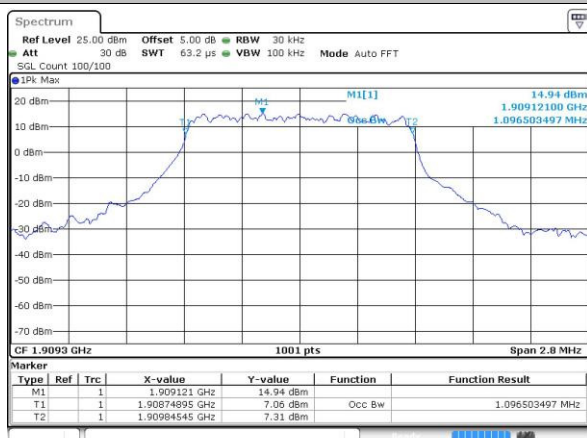
Date: 4 JUL 2016 09:44:44

Middle Channel / 1.4MHz / QPSK

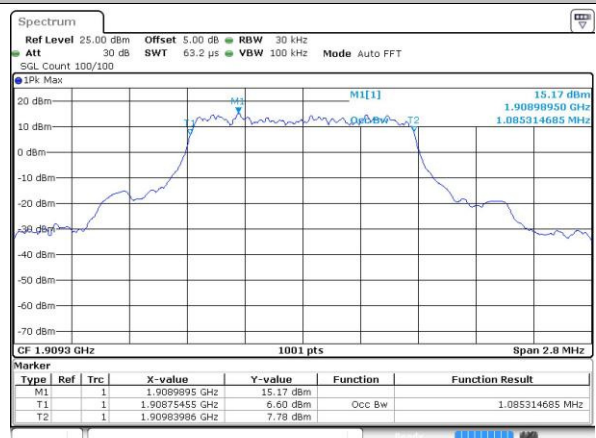
Date: 4 JUL 2016 09:57:26

Middle Channel / 1.4MHz / 16QAM

Date: 4 JUL 2016 09:57:37

Highest Channel / 1.4MHz / QPSK

Date: 4 JUL 2016 10:00:02

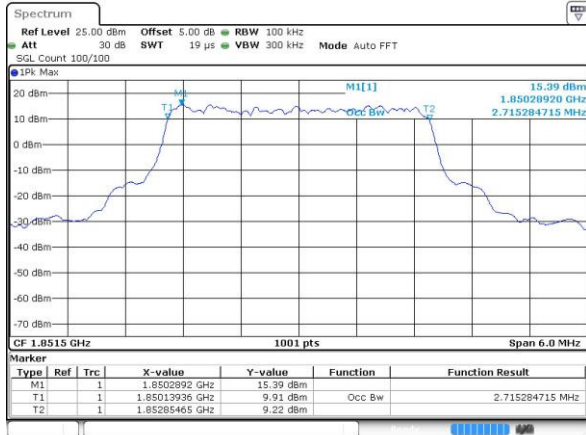
Highest Channel / 1.4MHz / 16QAM

Date: 4 JUL 2016 10:00:13



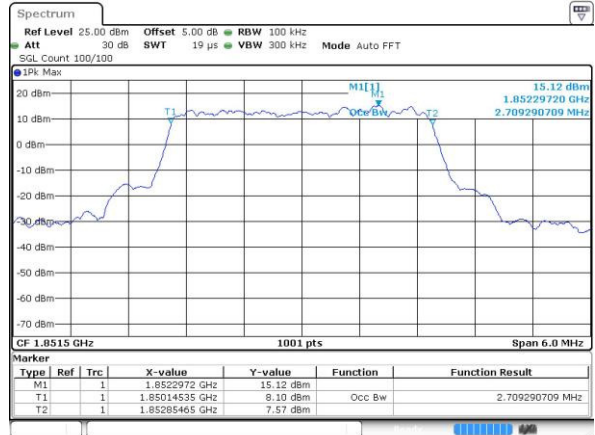
LTE Band 2

Lowest Channel / 3MHz / QPSK



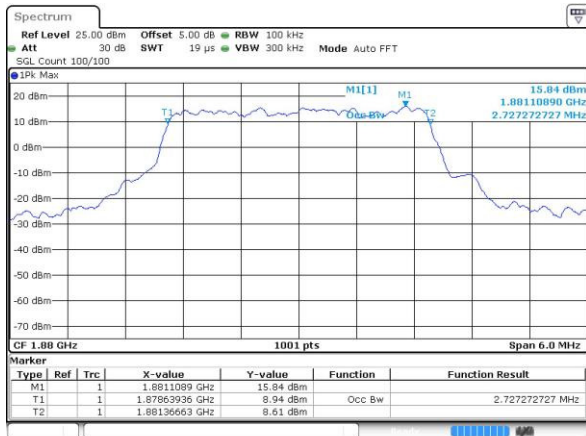
Date: 4 JUL 2016 10:07:14

Lowest Channel / 3MHz / 16QAM



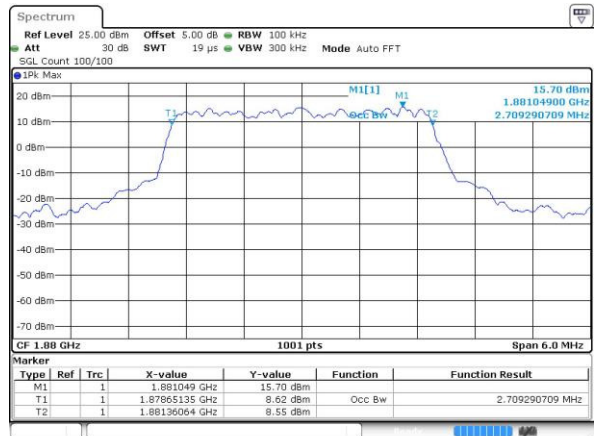
Date: 4 JUL 2016 10:07:25

Middle Channel / 3MHz / QPSK



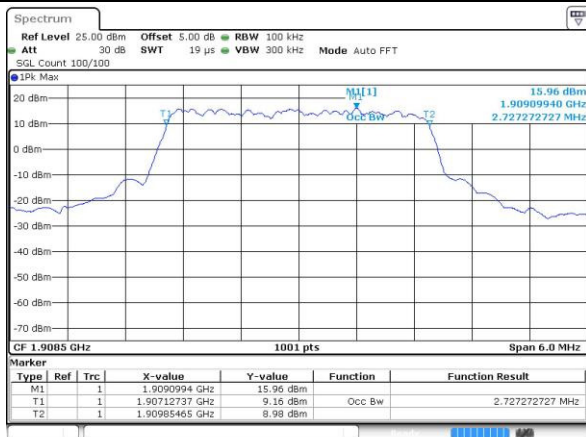
Date: 4 JUL 2016 10:14:25

Middle Channel / 3MHz / 16QAM



Date: 4 JUL 2016 10:14:36

Highest Channel / 3MHz / QPSK



Date: 4 JUL 2016 10:17:02

Highest Channel / 3MHz / 16QAM

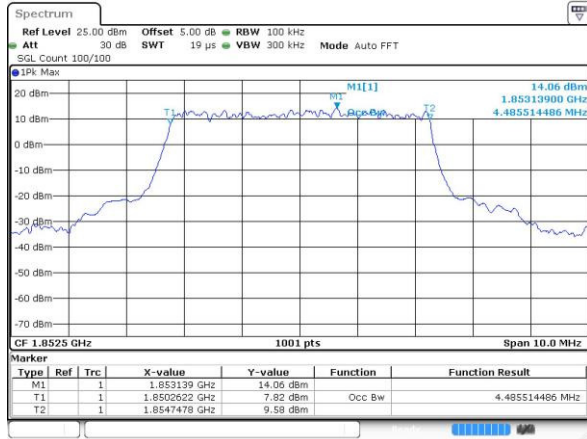


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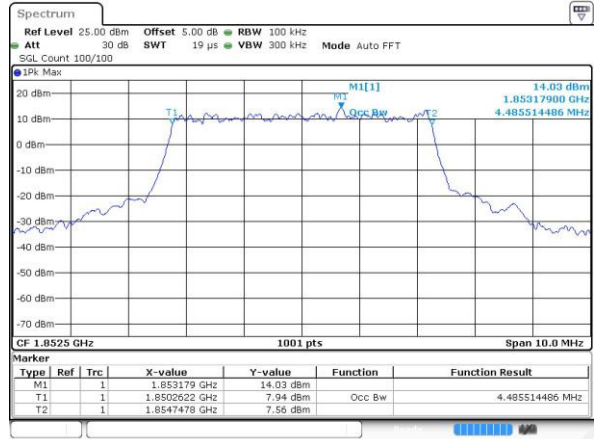


LTE Band 2

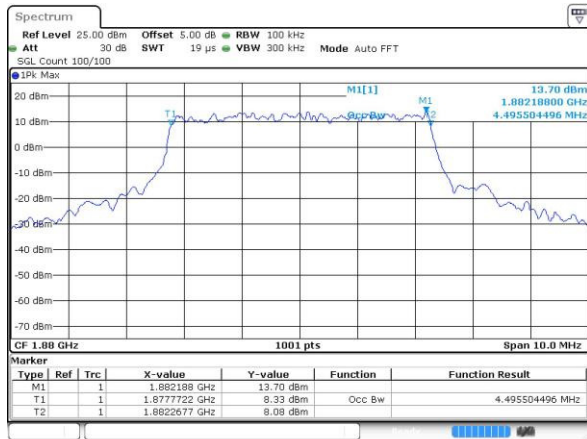
Lowest Channel / 5MHz / QPSK



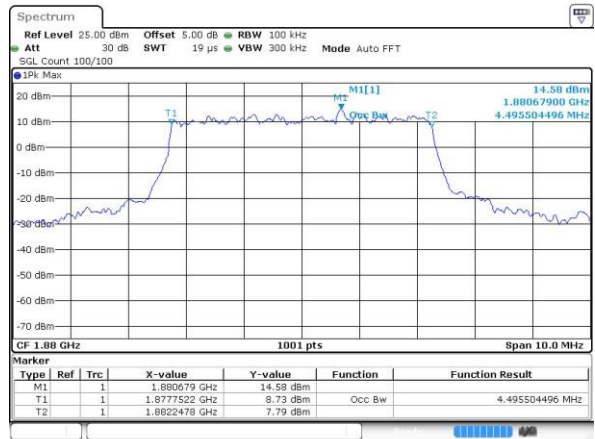
Lowest Channel / 5MHz / 16QAM



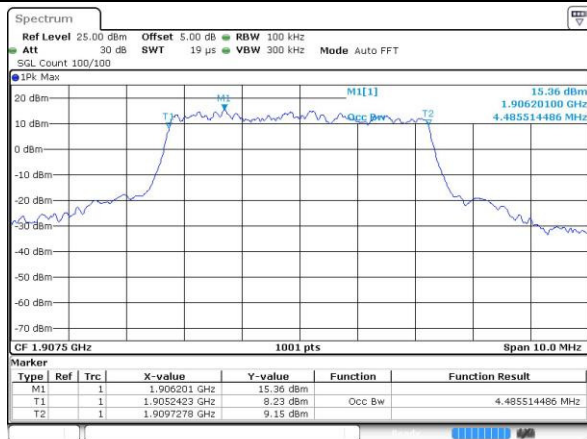
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



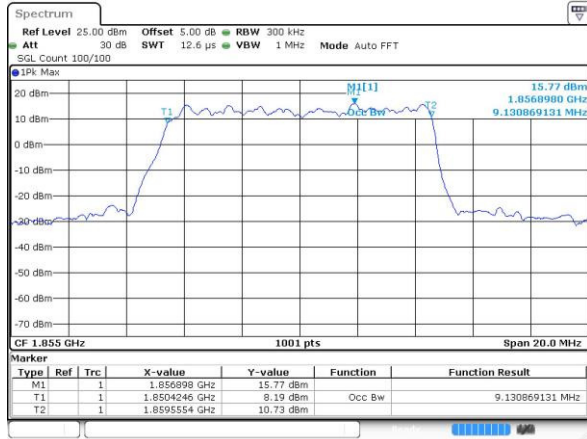
Highest Channel / 5MHz / 16QAM





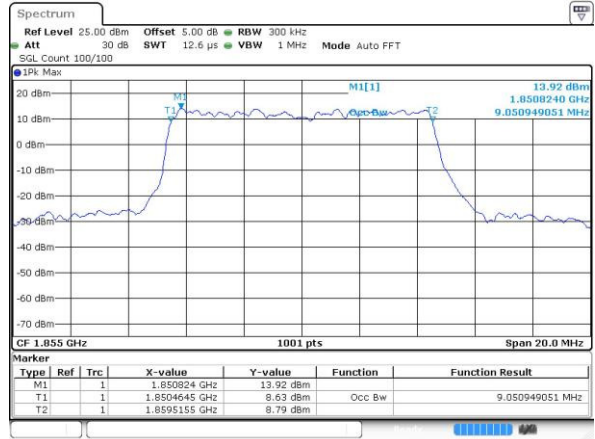
LTE Band 2

Lowest Channel / 10MHz / QPSK



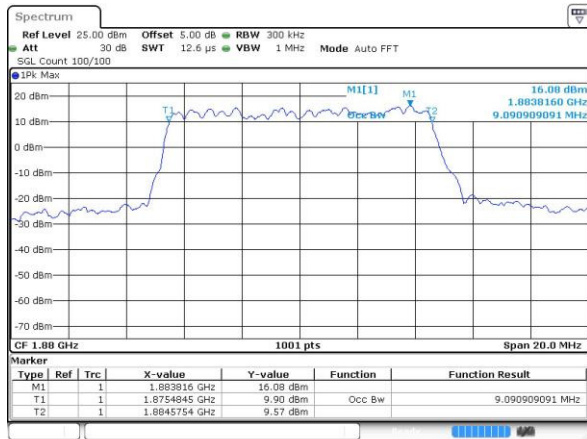
Date: 4 JUL 2016 10:41:17

Lowest Channel / 10MHz / 16QAM



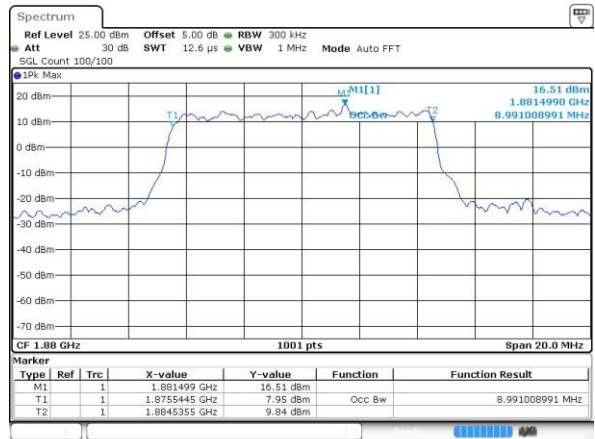
Date: 4 JUL 2016 10:41:28

Middle Channel / 10MHz / QPSK



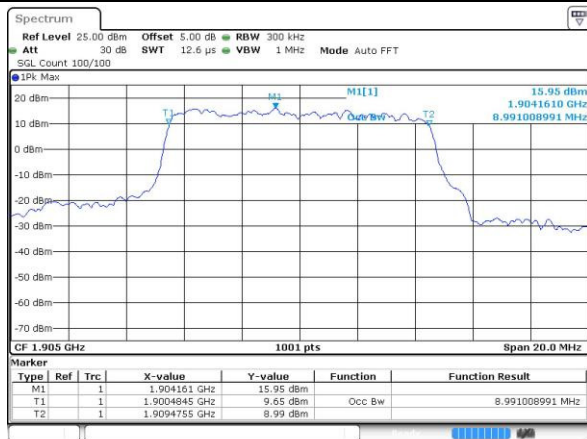
Date: 4 JUL 2016 10:48:29

Middle Channel / 10MHz / 16QAM



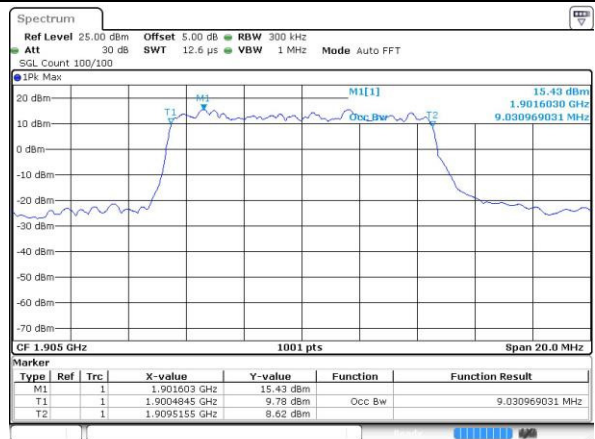
Date: 4 JUL 2016 10:48:40

Highest Channel / 10MHz / QPSK



Date: 4 JUL 2016 10:51:06

Highest Channel / 10MHz / 16QAM

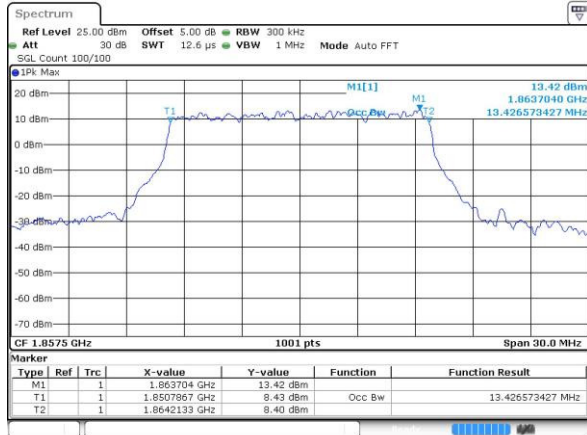


Date: 4 JUL 2016 10:51:18



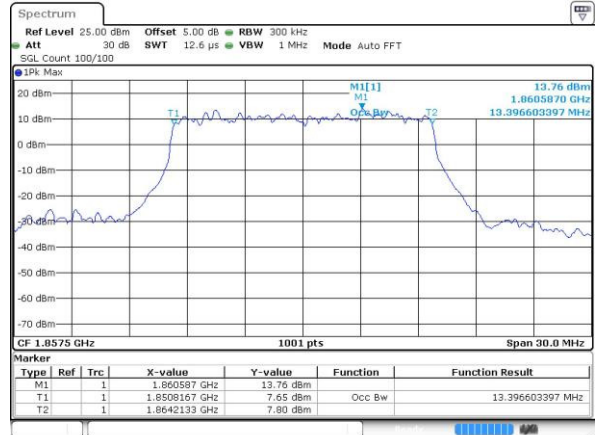
LTE Band 2

Lowest Channel / 15MHz / QPSK



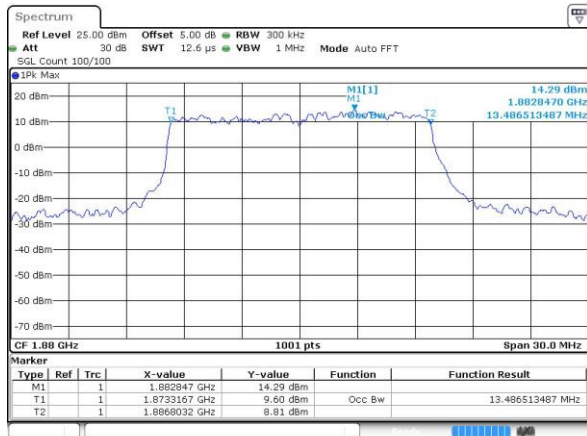
Date: 4 JUL 2016 10:58:18

Lowest Channel / 15MHz / 16QAM



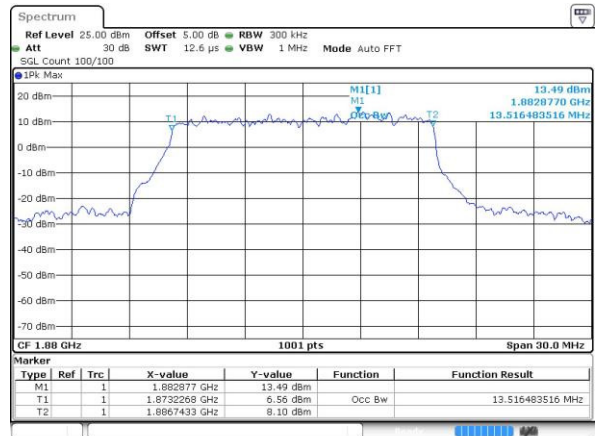
Date: 4 JUL 2016 10:58:29

Middle Channel / 15MHz / QPSK



Date: 4 JUL 2016 11:05:31

Middle Channel / 15MHz / 16QAM



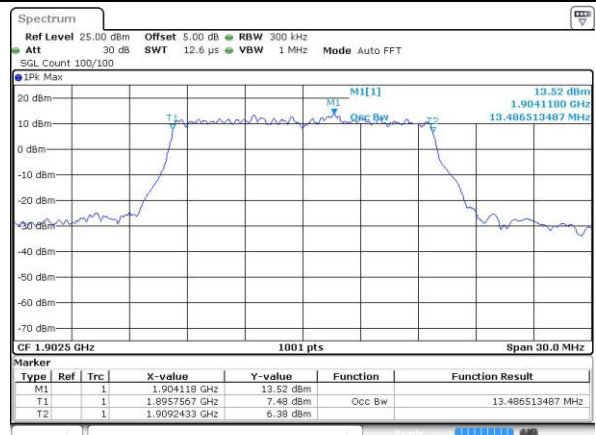
Date: 4 JUL 2016 11:05:42

Highest Channel / 15MHz / QPSK



Date: 4 JUL 2016 11:08:08

Highest Channel / 15MHz / 16QAM

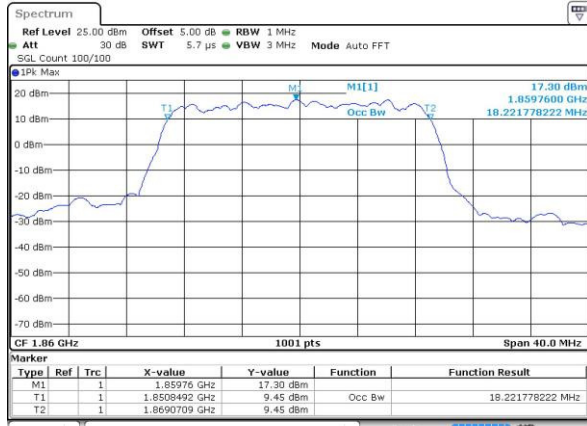


Date: 4 JUL 2016 11:08:19



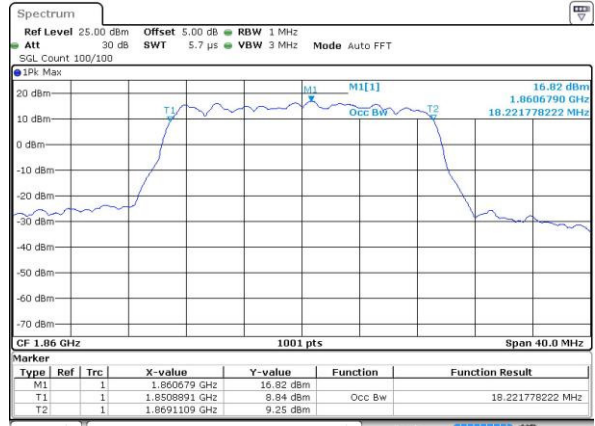
LTE Band 2

Lowest Channel / 20MHz / QPSK



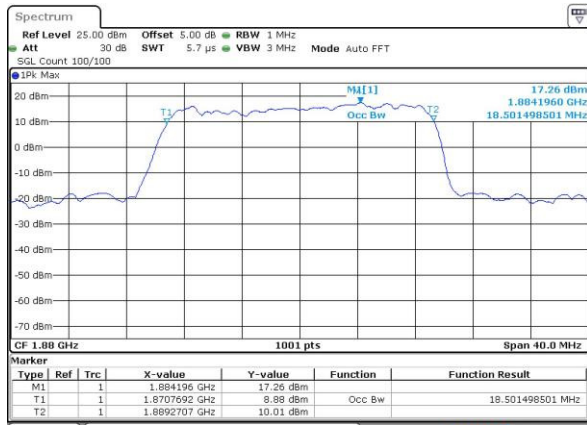
Date: 4 JUL 2016 11:15:20

Lowest Channel / 20MHz / 16QAM



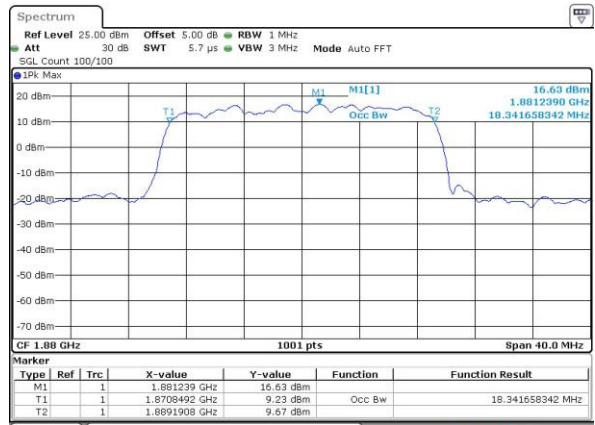
Date: 4 JUL 2016 11:15:31

Middle Channel / 20MHz / QPSK



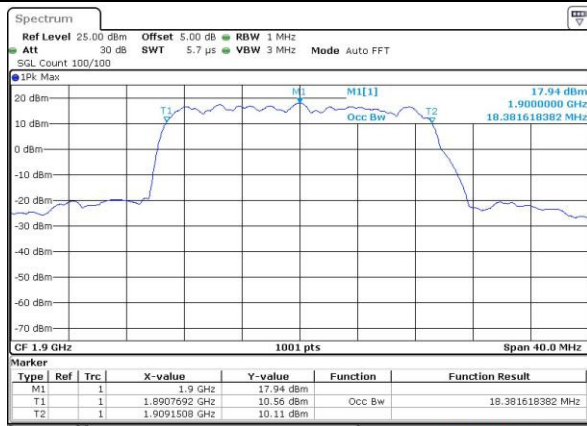
Date: 4 JUL 2016 11:22:33

Middle Channel / 20MHz / 16QAM



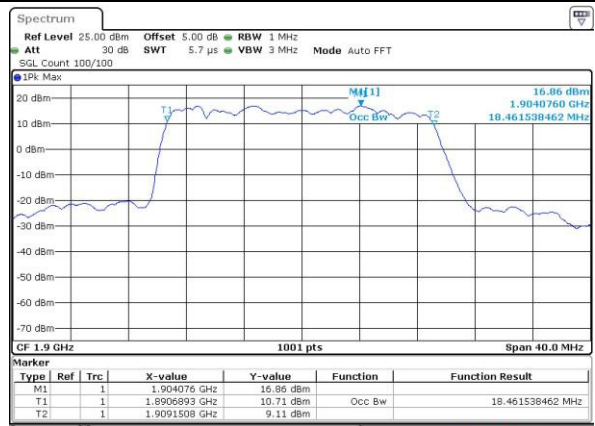
Date: 4 JUL 2016 11:22:44

Highest Channel / 20MHz / QPSK



Date: 4 JUL 2016 11:25:09

Highest Channel / 20MHz / 16QAM

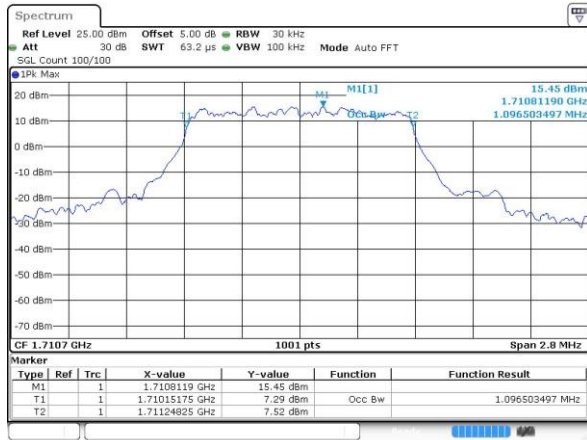


Date: 4 JUL 2016 11:25:21

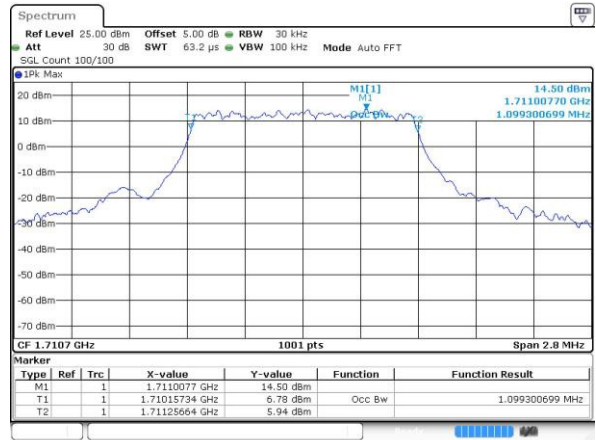


LTE Band 4

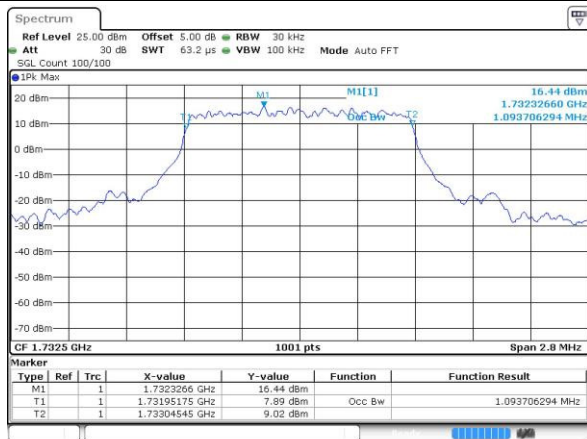
Lowest Channel / 1.4MHz / QPSK



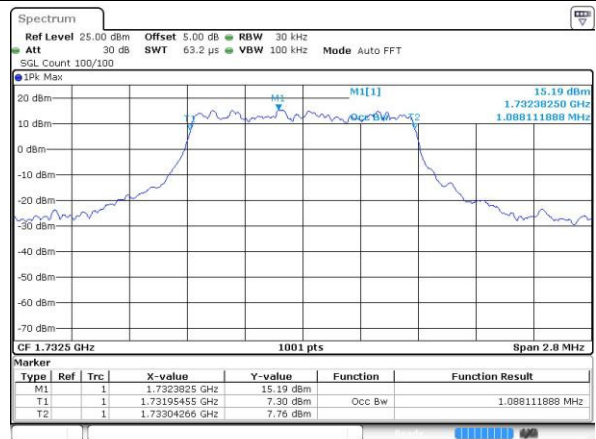
Lowest Channel / 1.4MHz / 16QAM



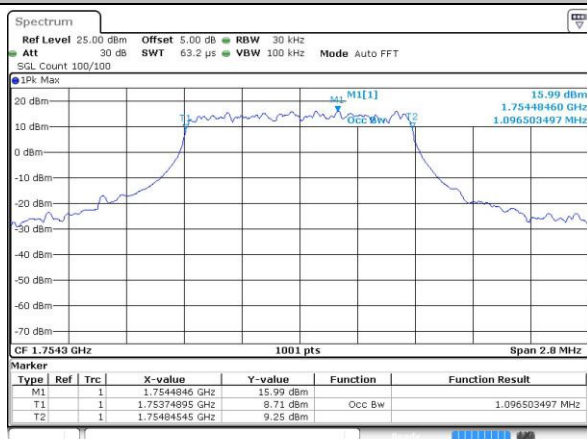
Middle Channel / 1.4MHz / QPSK



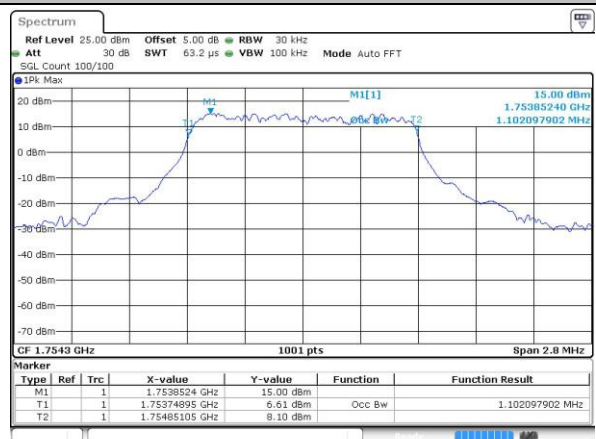
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



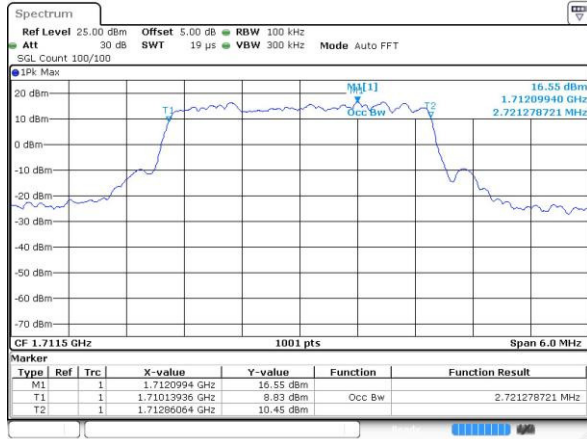
Highest Channel / 1.4MHz / 16QAM



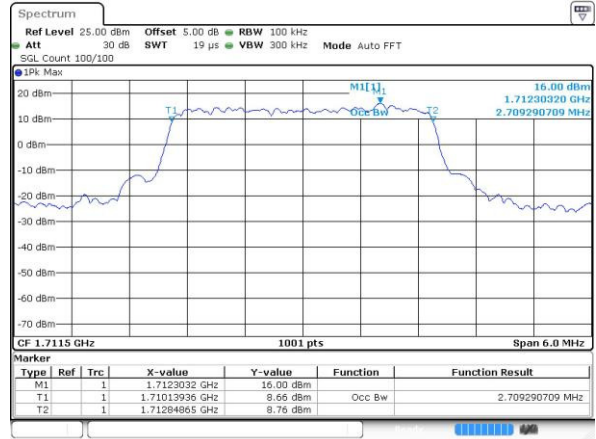


LTE Band 4

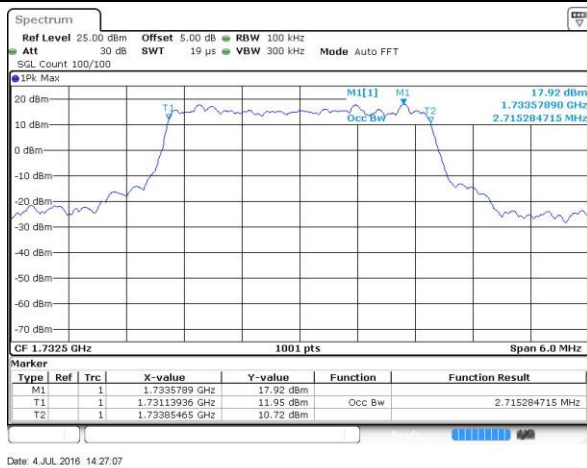
Lowest Channel / 3MHz / QPSK



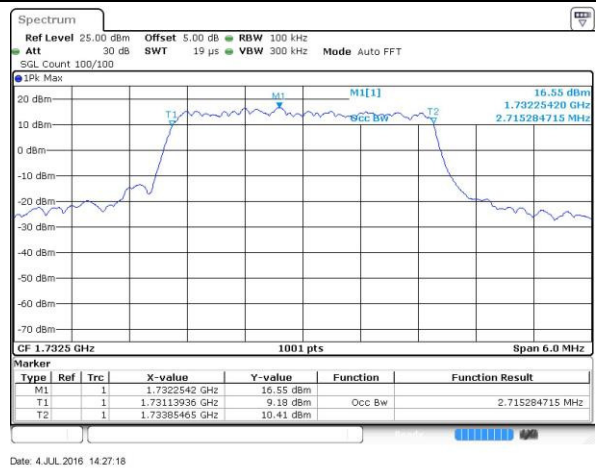
Lowest Channel / 3MHz / 16QAM



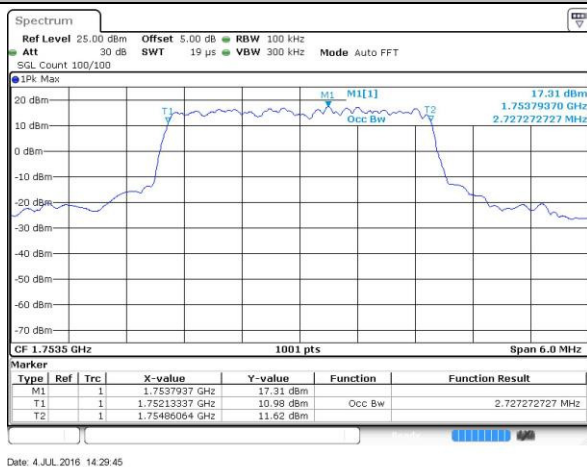
Middle Channel / 3MHz / QPSK



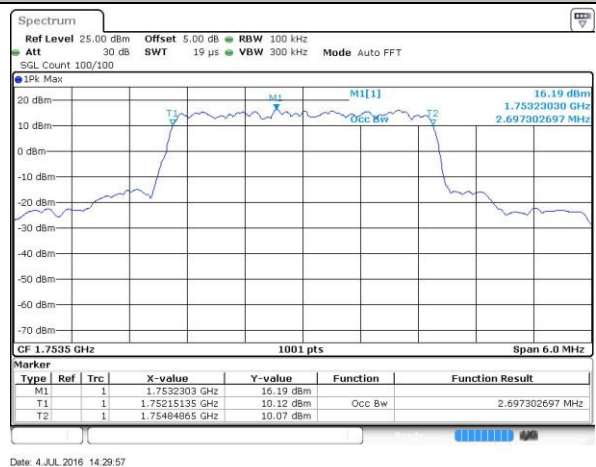
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



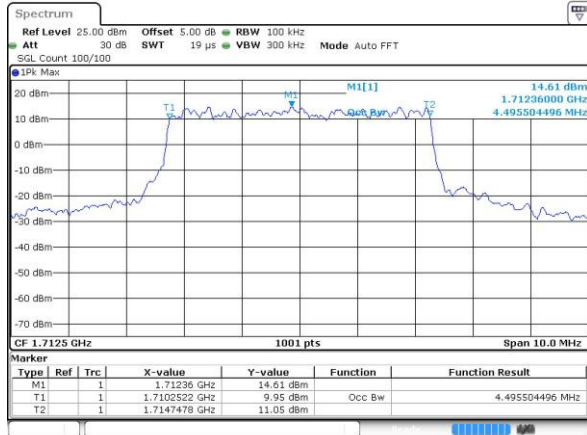
Highest Channel / 3MHz / 16QAM



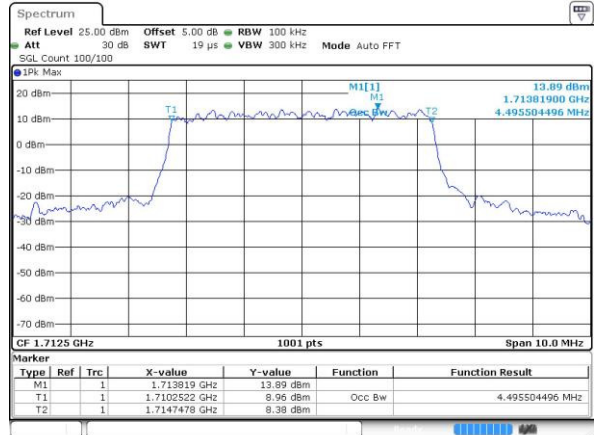


LTE Band 4

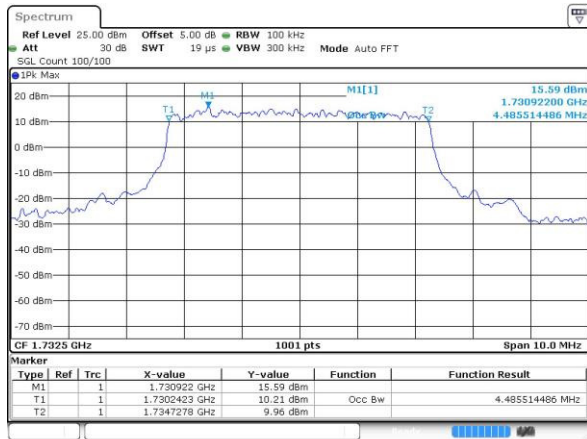
Lowest Channel / 5MHz / QPSK



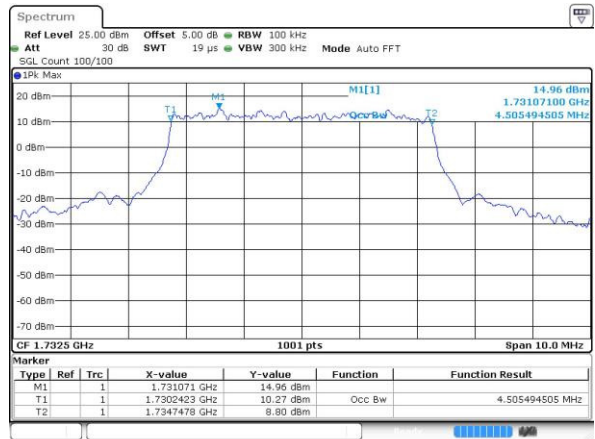
Lowest Channel / 5MHz / 16QAM



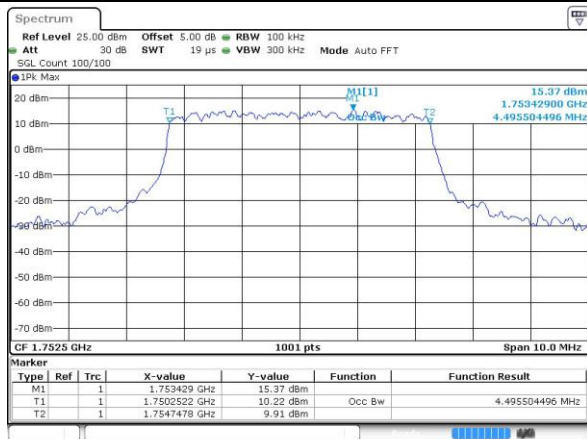
Middle Channel / 5MHz / QPSK



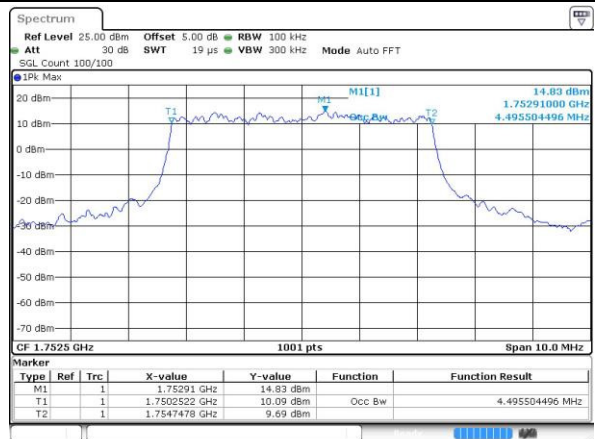
Middle Channel / 5MHz / 16QAM

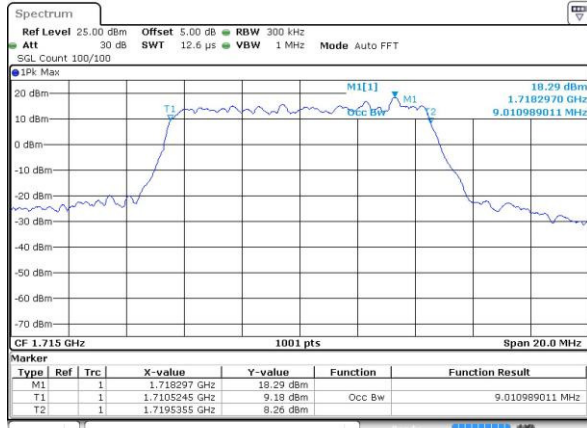
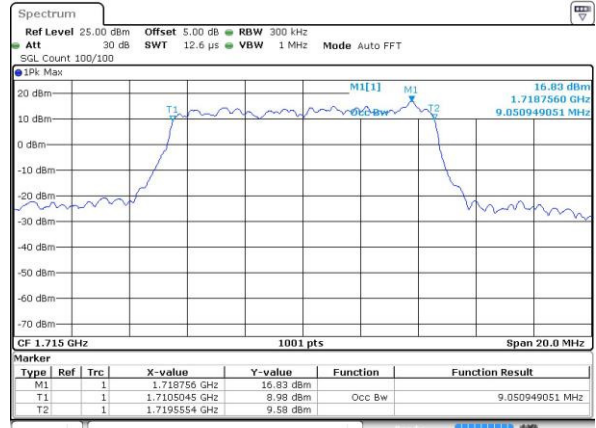
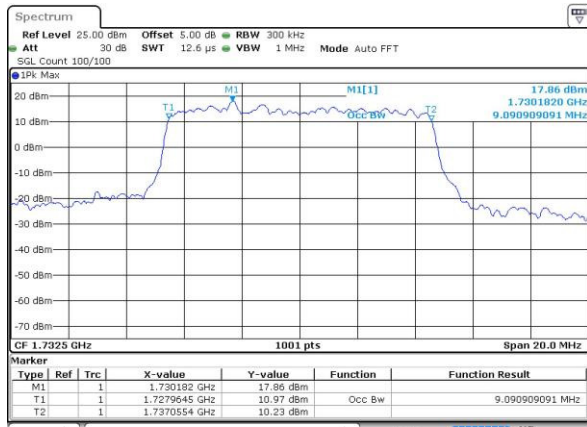
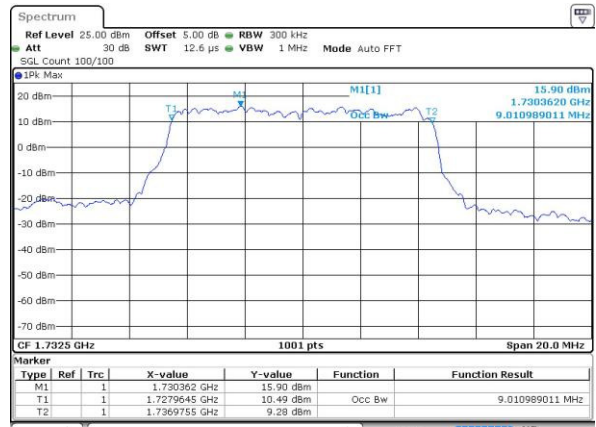
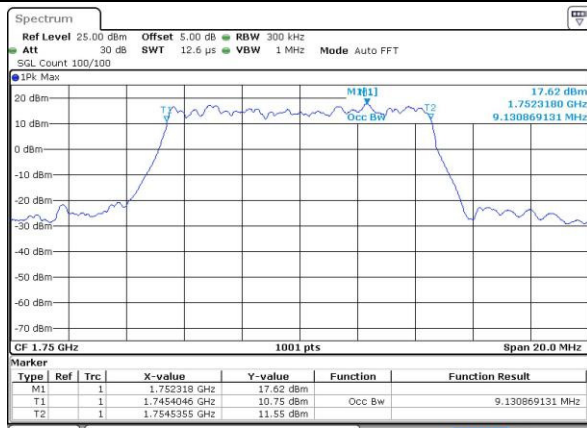
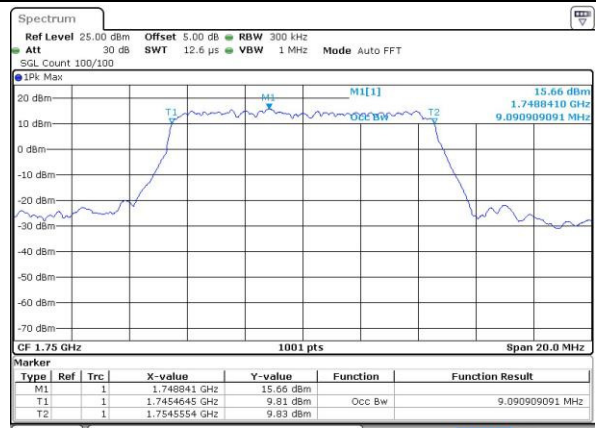


Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM

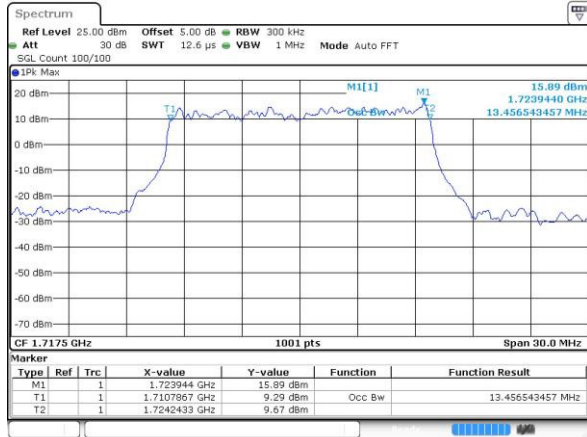


**LTE Band 4****Lowest Channel / 10MHz / QPSK****Lowest Channel / 10MHz / 16QAM****Middle Channel / 10MHz / QPSK****Middle Channel / 10MHz / 16QAM****Highest Channel / 10MHz / QPSK****Highest Channel / 10MHz / 16QAM**

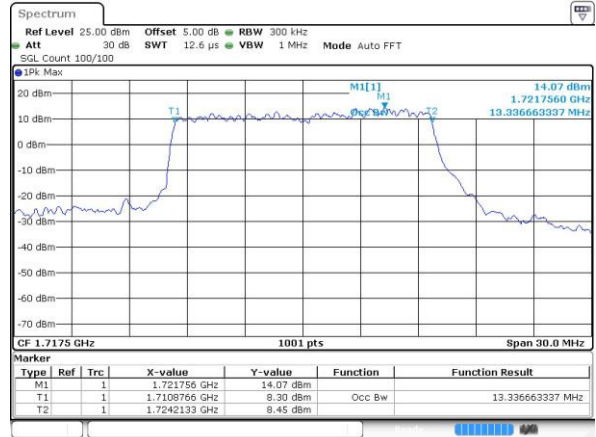


LTE Band 4

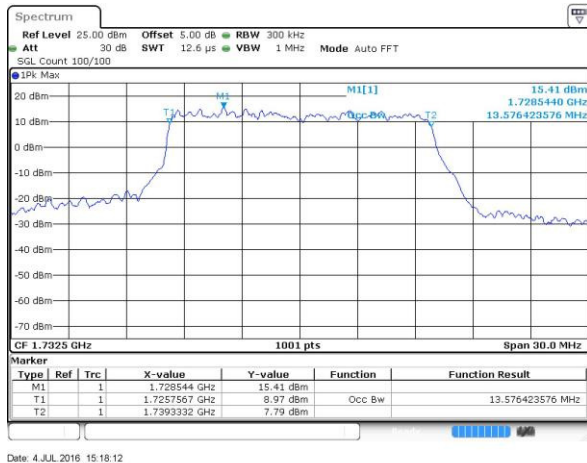
Lowest Channel / 15MHz / QPSK



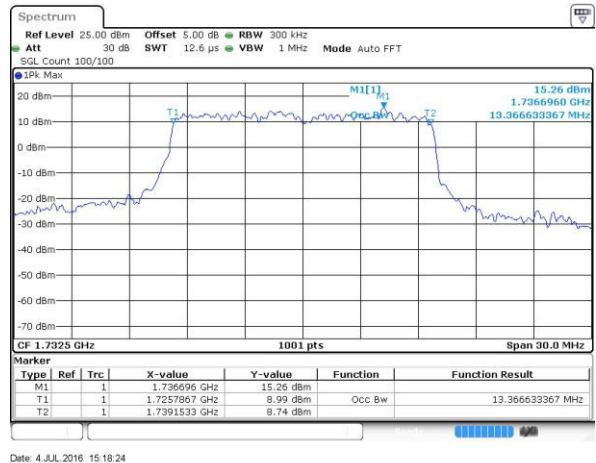
Lowest Channel / 15MHz / 16QAM



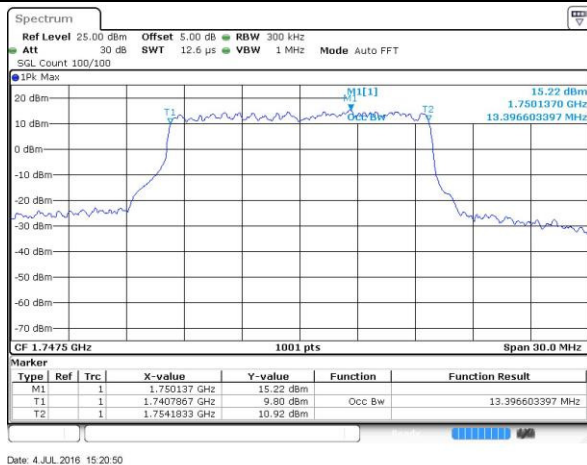
Middle Channel / 15MHz / QPSK



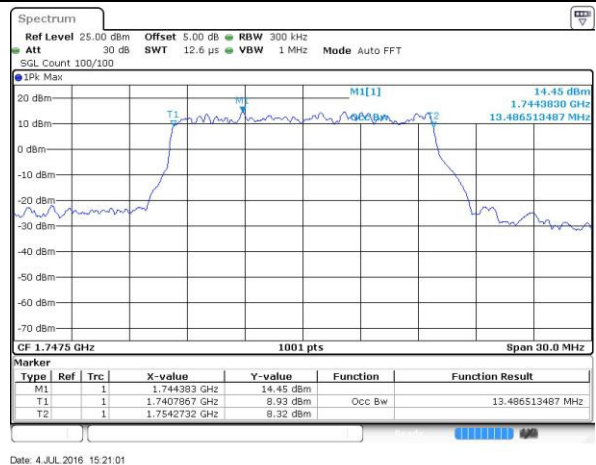
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



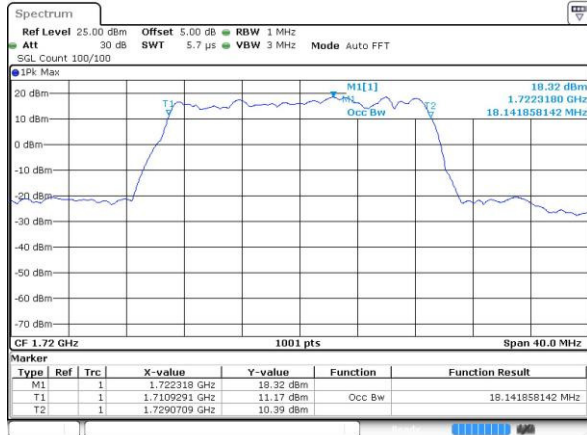
Highest Channel / 15MHz / 16QAM



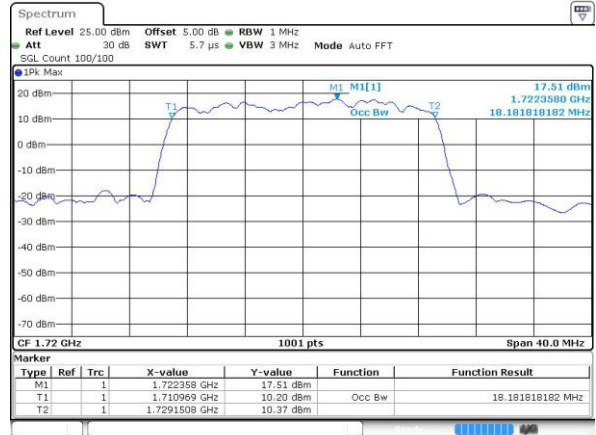


LTE Band 4

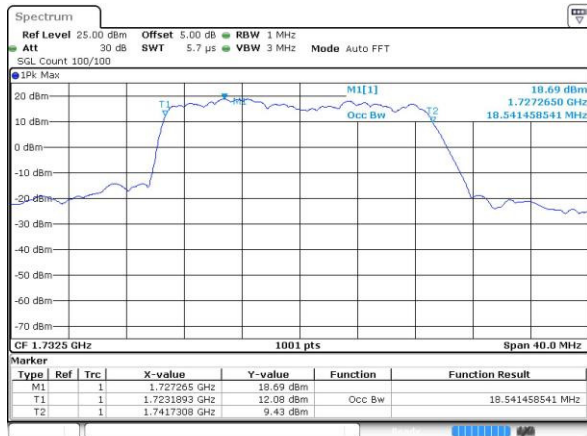
Lowest Channel / 20MHz / QPSK



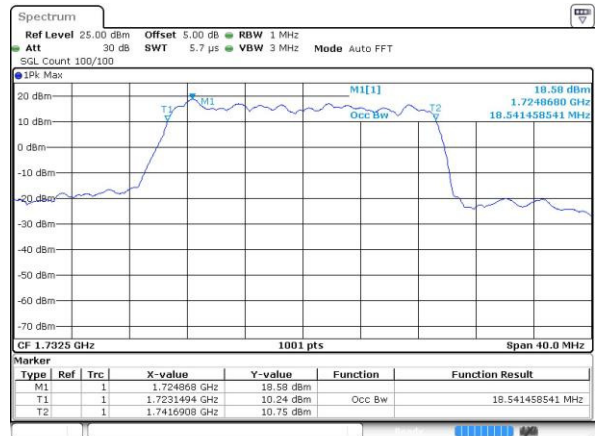
Lowest Channel / 20MHz / 16QAM



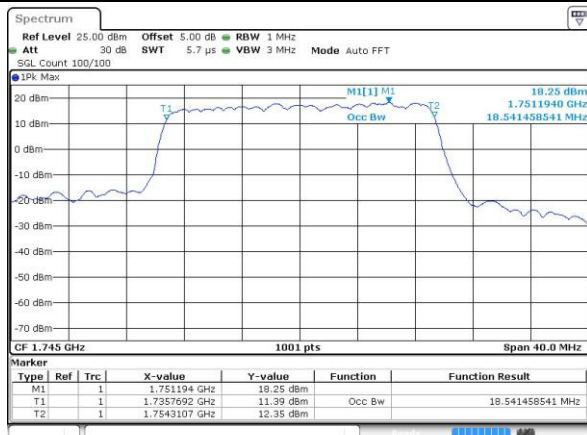
Middle Channel / 20MHz / QPSK



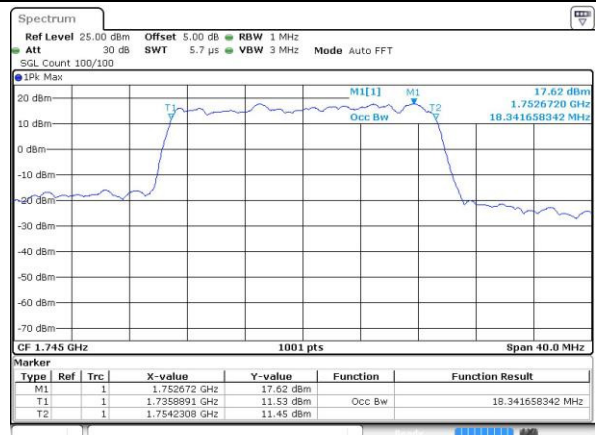
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



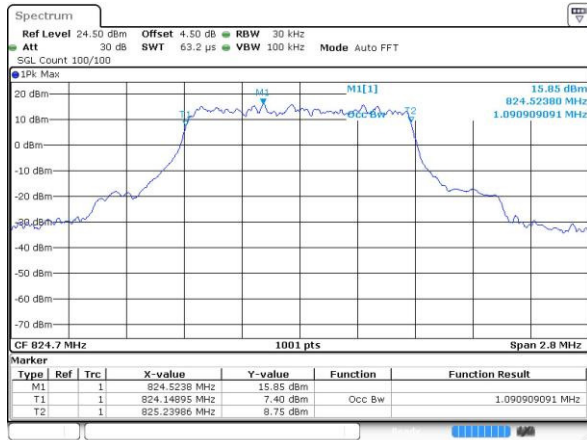
Highest Channel / 20MHz / 16QAM





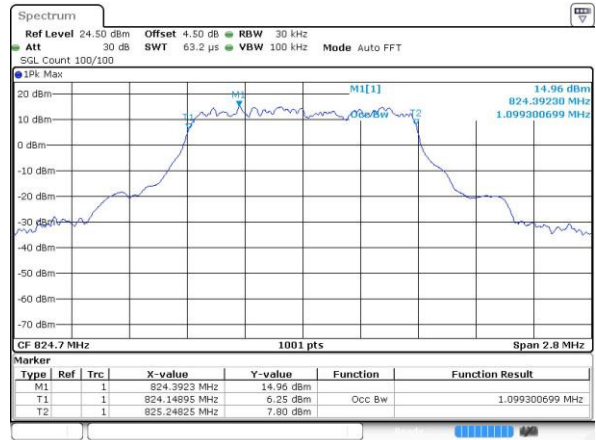
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



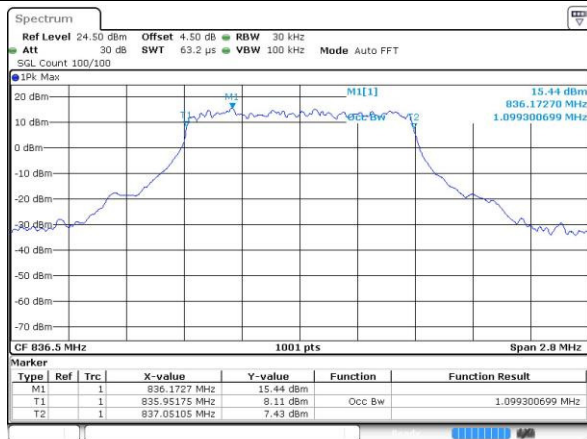
Date: 3 JUL 2016 21:33:28

Lowest Channel / 1.4MHz / 16QAM



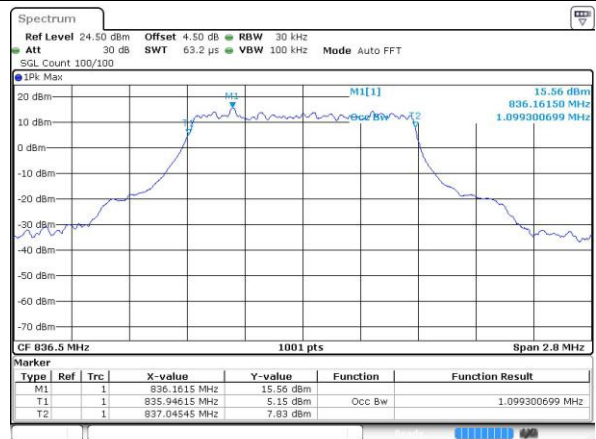
Date: 3 JUL 2016 21:33:39

Middle Channel / 1.4MHz / QPSK



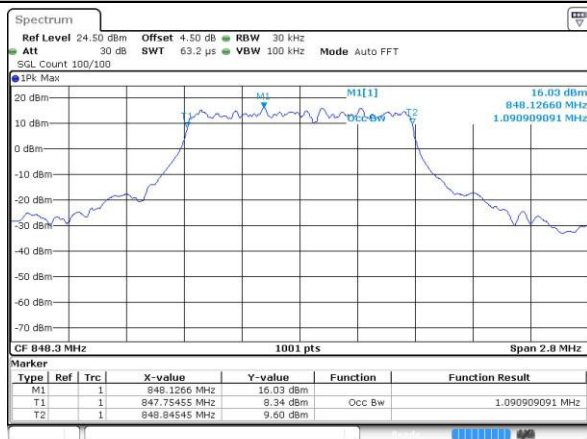
Date: 3 JUL 2016 21:48:44

Middle Channel / 1.4MHz / 16QAM



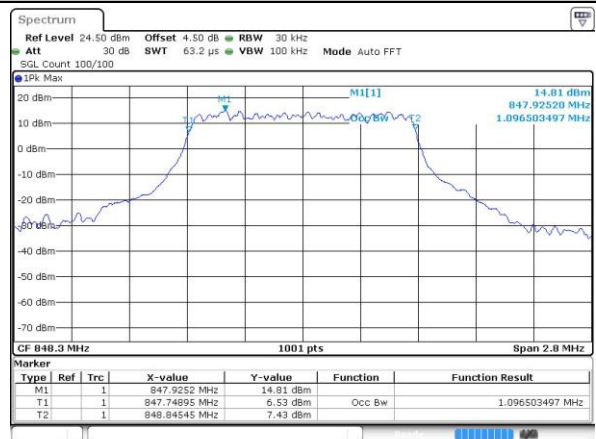
Date: 3 JUL 2016 21:48:55

Highest Channel / 1.4MHz / QPSK



Date: 3 JUL 2016 21:51:20

Highest Channel / 1.4MHz / 16QAM

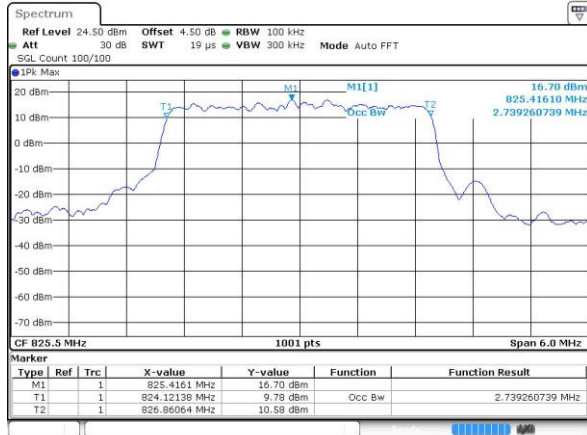


Date: 3 JUL 2016 21:51:31

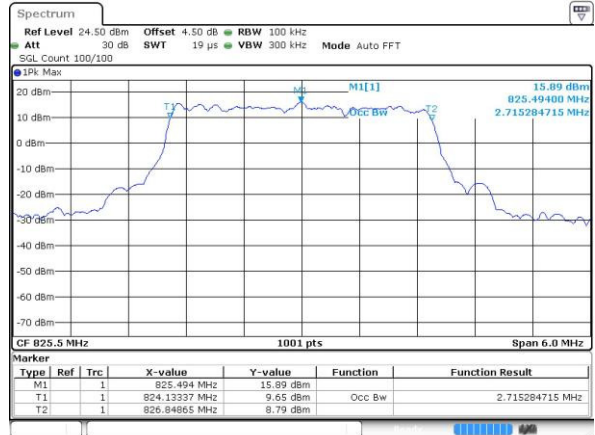


LTE Band 5

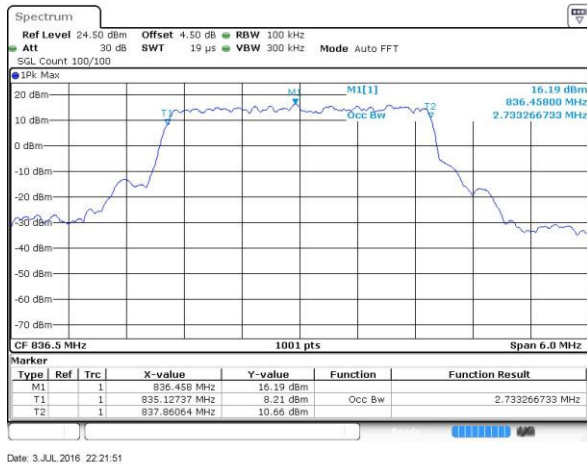
Lowest Channel / 3MHz / QPSK



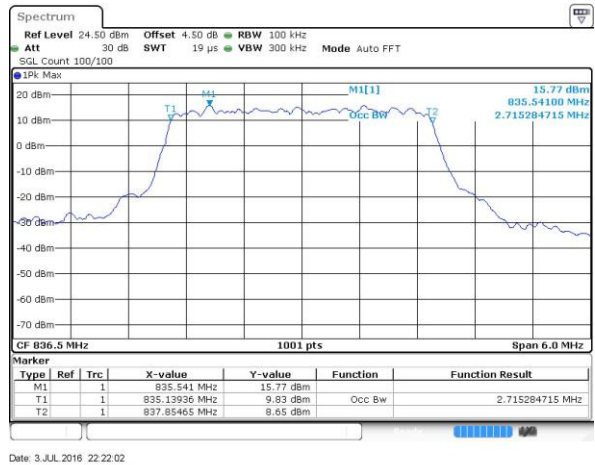
Lowest Channel / 3MHz / 16QAM



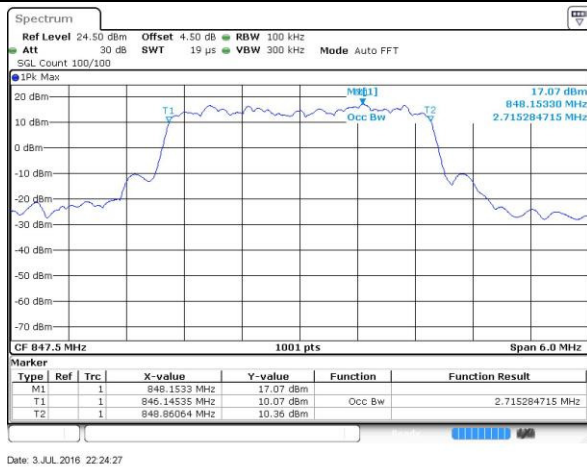
Middle Channel / 3MHz / QPSK



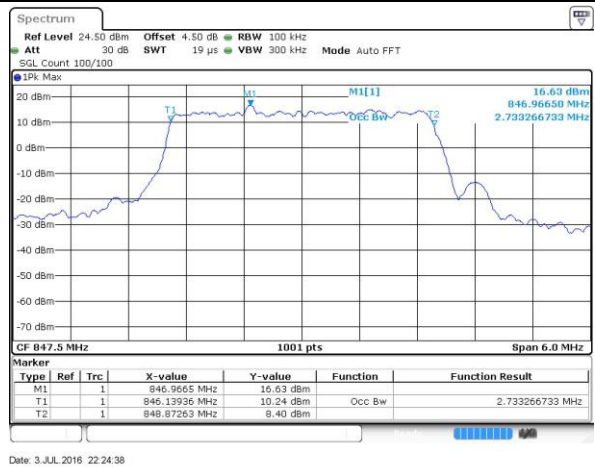
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



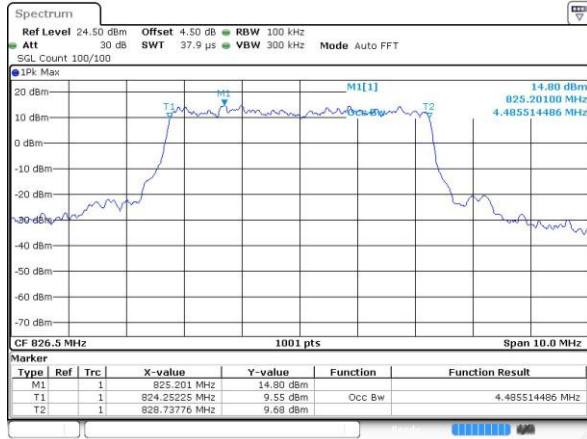
Highest Channel / 3MHz / 16QAM



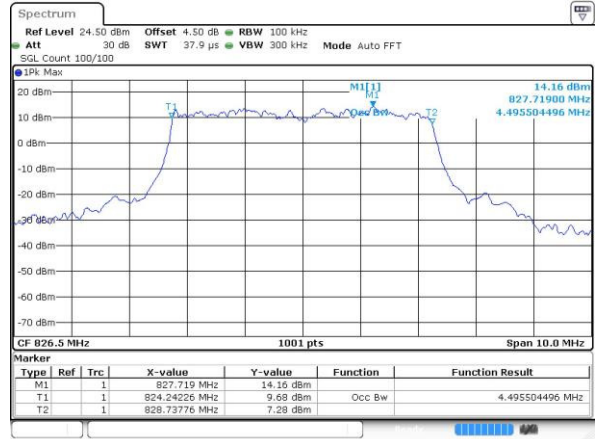


LTE Band 5

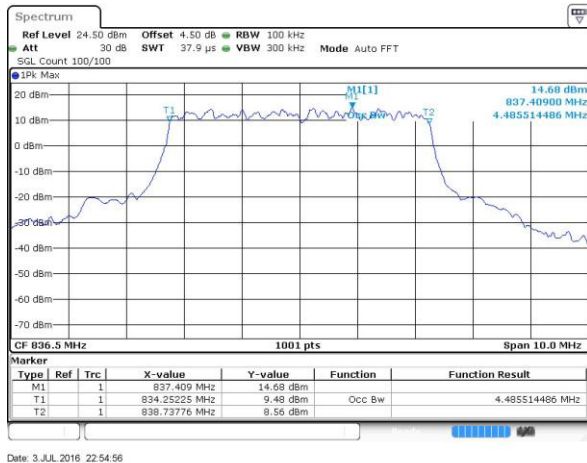
Lowest Channel / 5MHz / QPSK



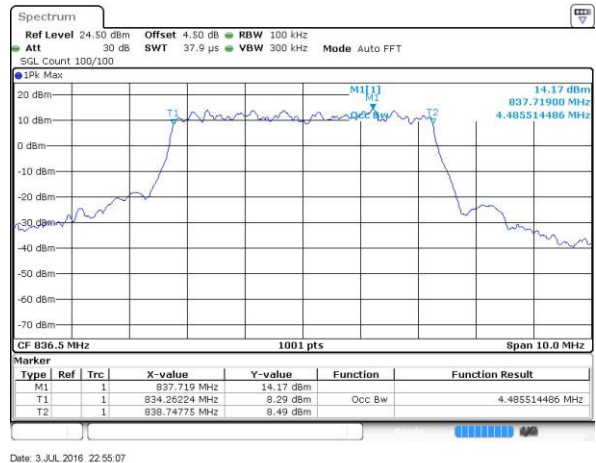
Lowest Channel / 5MHz / 16QAM



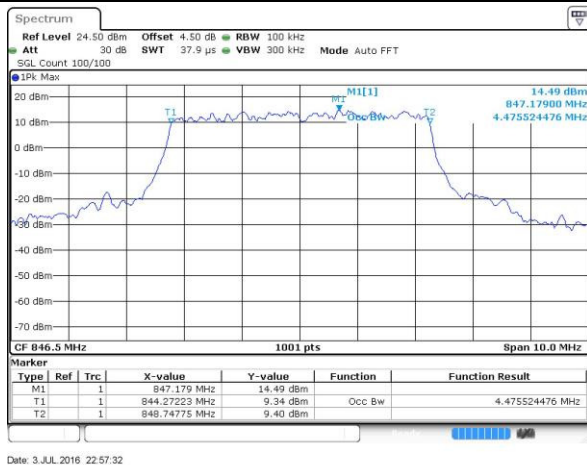
Middle Channel / 5MHz / QPSK



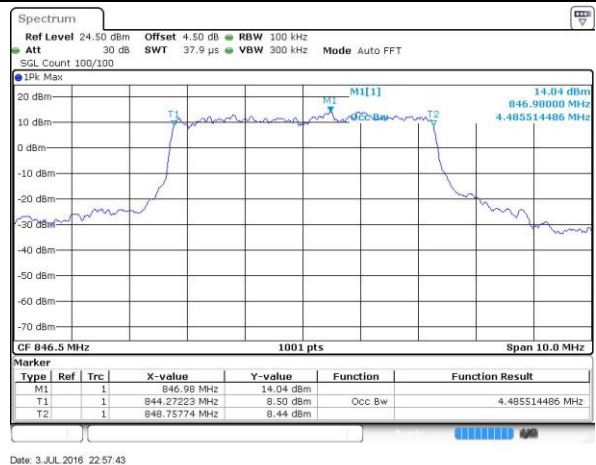
Middle Channel / 5MHz / 16QAM

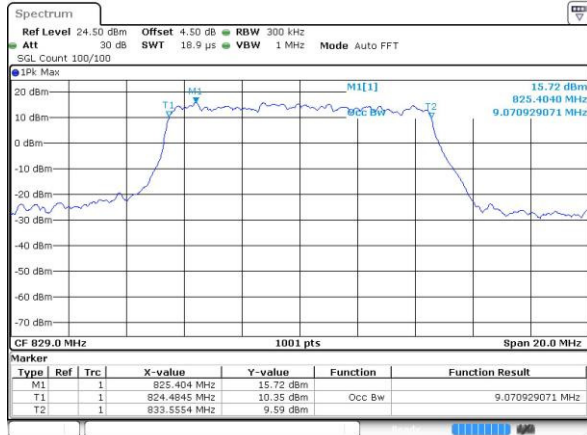


Highest Channel / 5MHz / QPSK

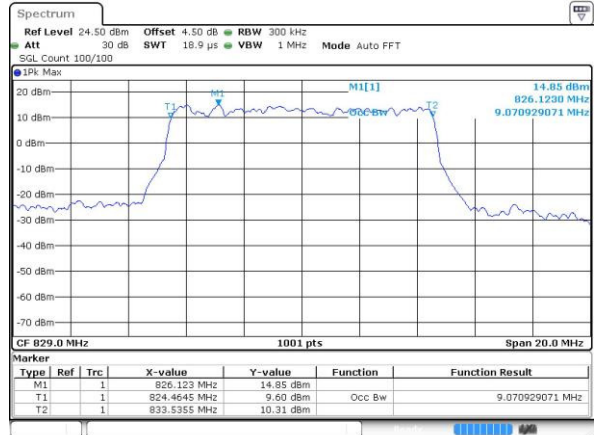


Highest Channel / 5MHz / 16QAM

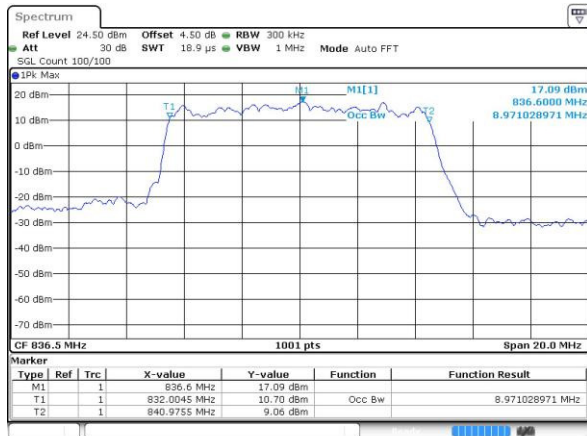


**LTE Band 5****Lowest Channel / 10MHz / QPSK**

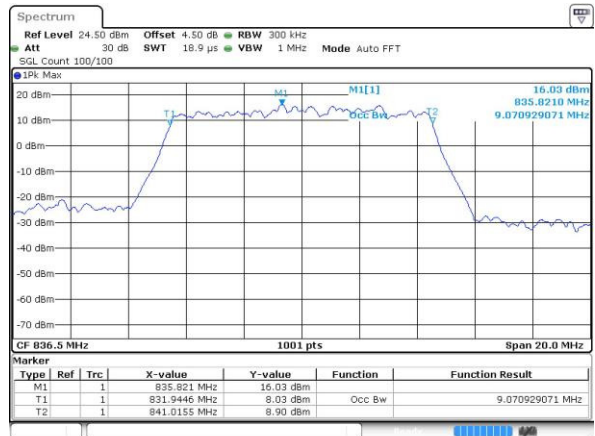
Date: 3 JUL 2016 23:12:48

Lowest Channel / 10MHz / 16QAM

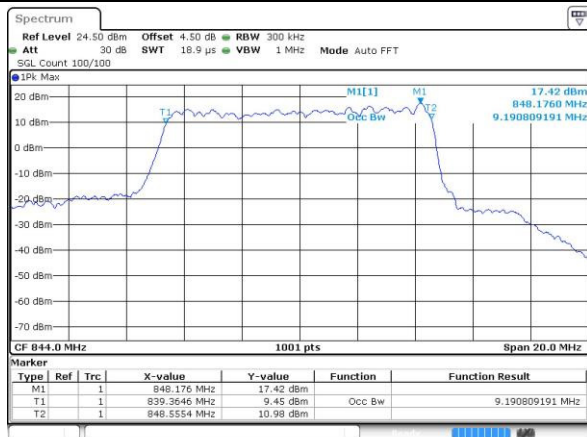
Date: 3 JUL 2016 23:12:59

Middle Channel / 10MHz / QPSK

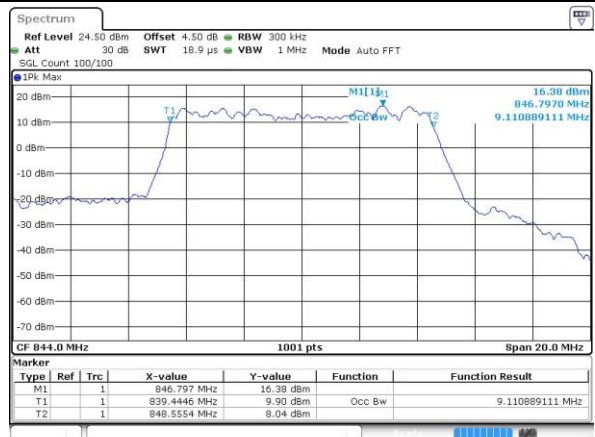
Date: 3 JUL 2016 23:49:12

Middle Channel / 10MHz / 16QAM

Date: 3 JUL 2016 23:28:13

Highest Channel / 10MHz / QPSK

Date: 3 JUL 2016 23:30:38

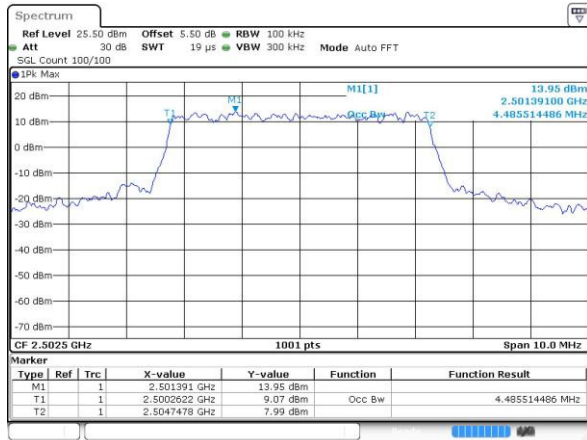
Highest Channel / 10MHz / 16QAM

Date: 3 JUL 2016 23:30:49



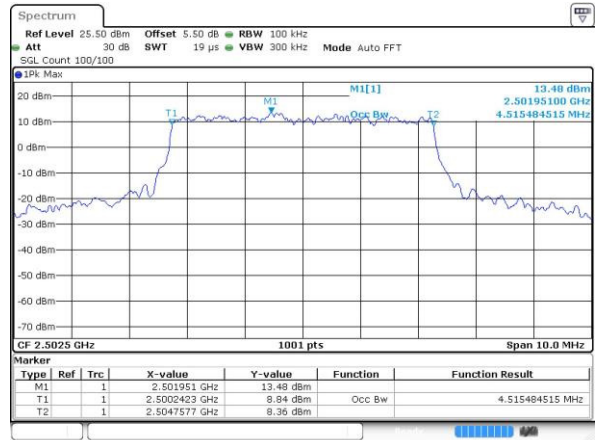
LTE Band 7

Lowest Channel / 5MHz / QPSK



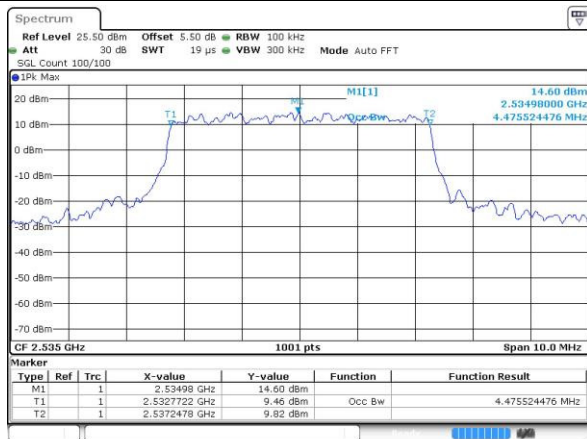
Date: 4 JUL 2016 17:12:31

Lowest Channel / 5MHz / 16QAM



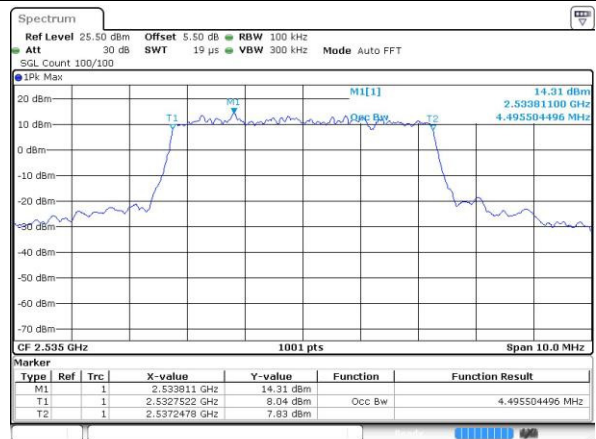
Date: 4 JUL 2016 17:12:53

Middle Channel / 5MHz / QPSK



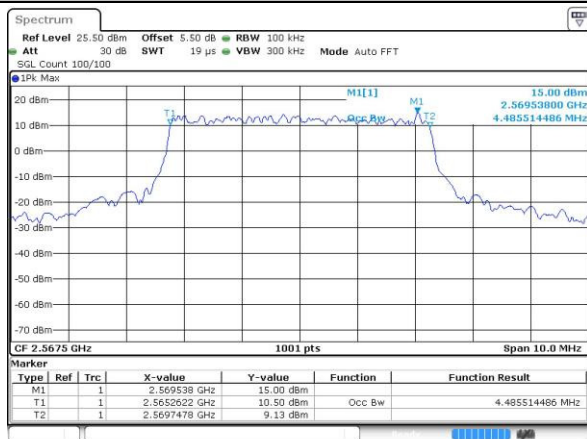
Date: 4 JUL 2016 17:13:38

Middle Channel / 5MHz / 16QAM



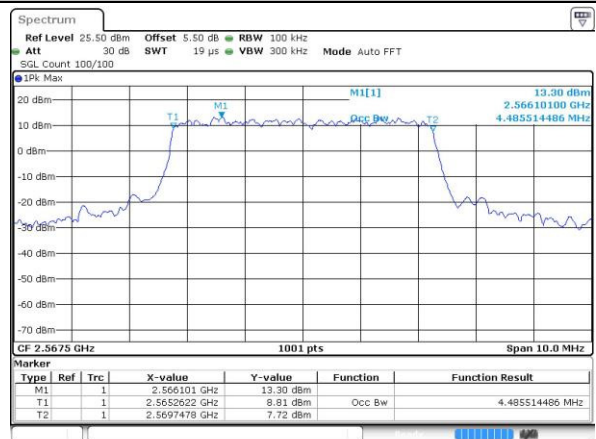
Date: 4 JUL 2016 17:13:16

Highest Channel / 5MHz / QPSK



Date: 4 JUL 2016 17:14:00

Highest Channel / 5MHz / 16QAM



Date: 4 JUL 2016 17:14:22