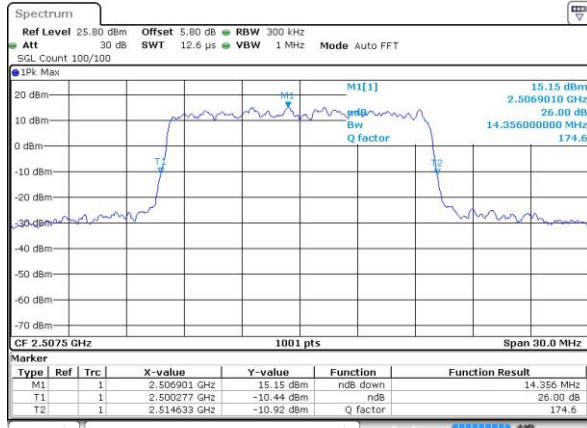




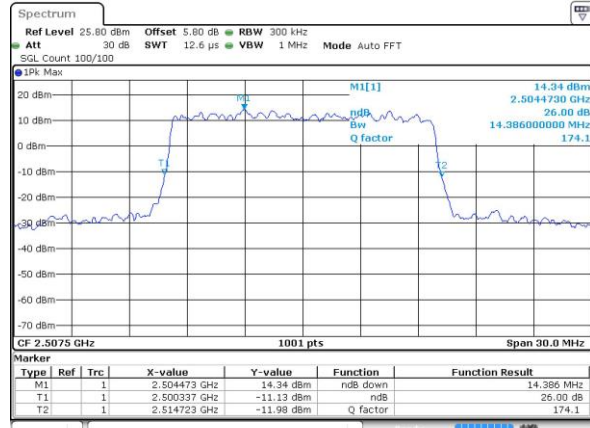
LTE Band 7

Lowest Channel / 15MHz / QPSK



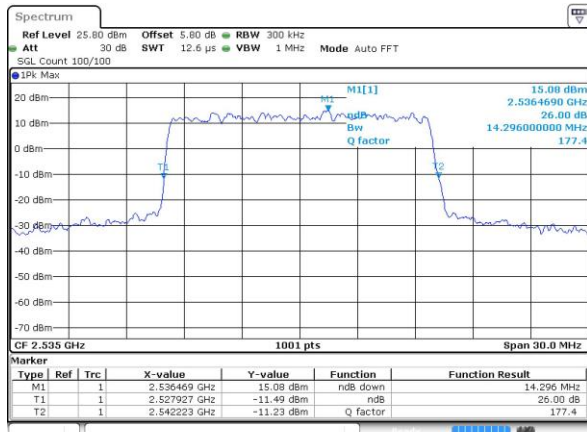
Date: 23 APR 2016 21:51:17

Lowest Channel / 15MHz / 16QAM



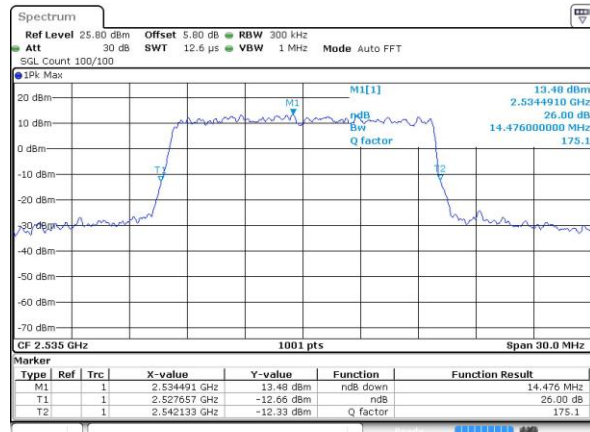
Date: 23 APR 2016 21:50:56

Middle Channel / 15MHz / QPSK



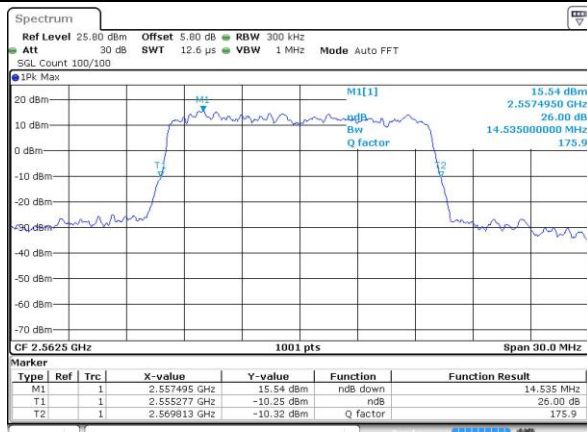
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Middle Channel / 15MHz / 16QAM



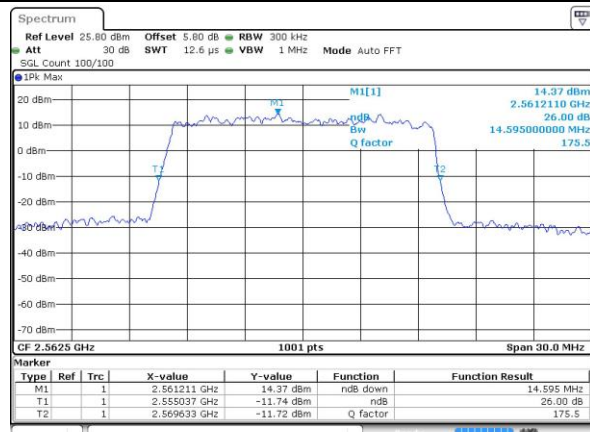
Date: 23 APR 2016 21:51:58

Highest Channel / 15MHz / QPSK



Date: 23 APR 2016 21:52:41

Highest Channel / 15MHz / 16QAM

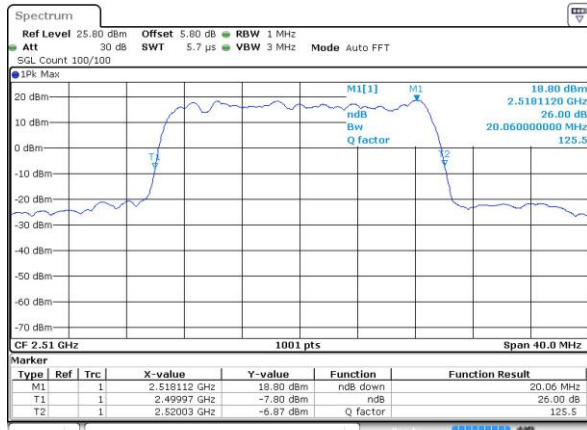


Date: 23 APR 2016 21:52:20

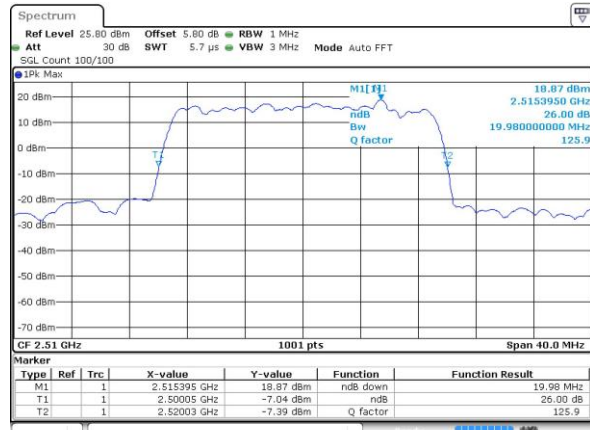


LTE Band 7

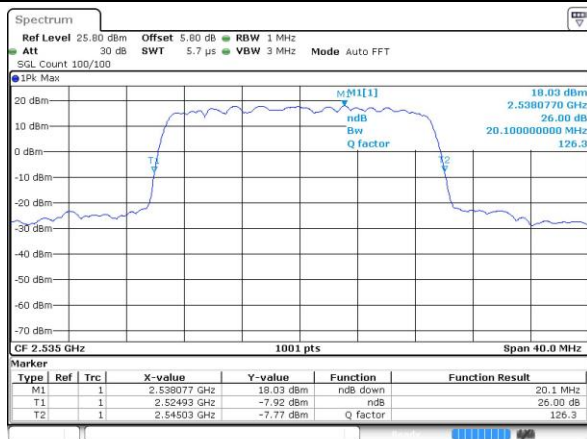
Lowest Channel / 20MHz / QPSK



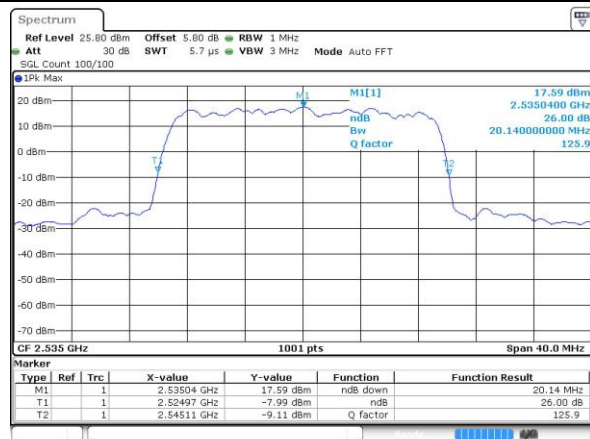
Lowest Channel / 20MHz / 16QAM



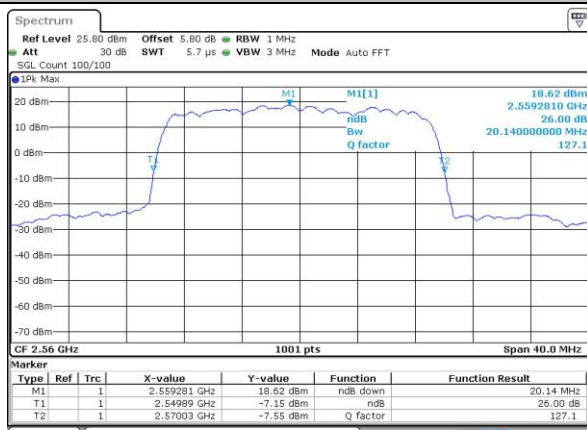
Middle Channel / 20MHz / QPSK



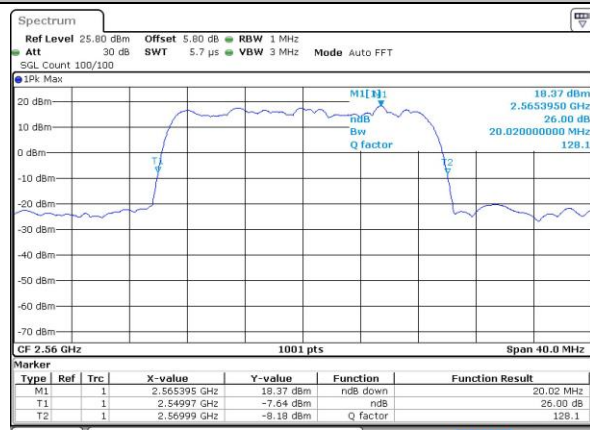
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



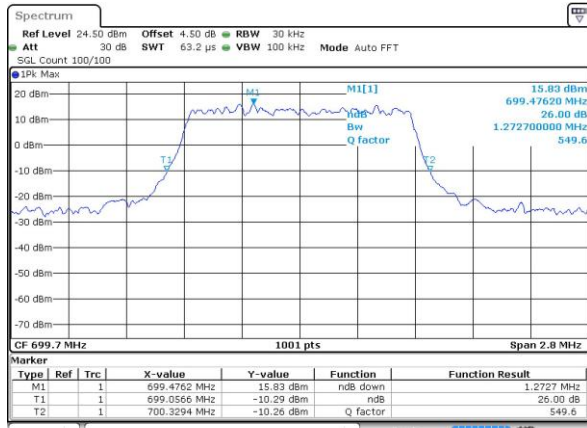
Highest Channel / 20MHz / 16QAM





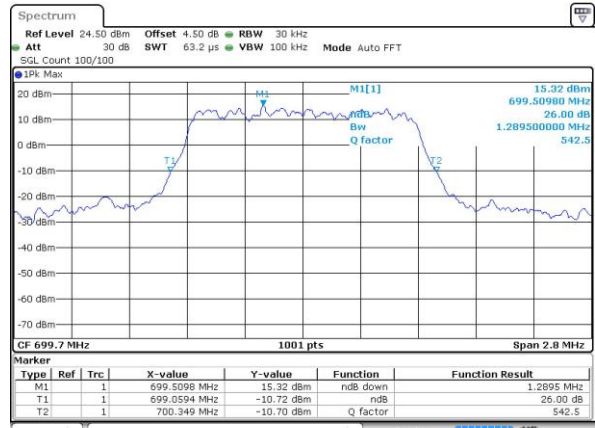
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



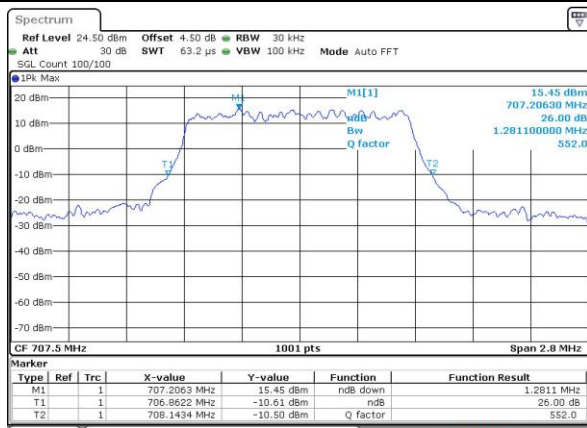
Date: 17 APR 2016 02:26:45

Lowest Channel / 1.4MHz / 16QAM



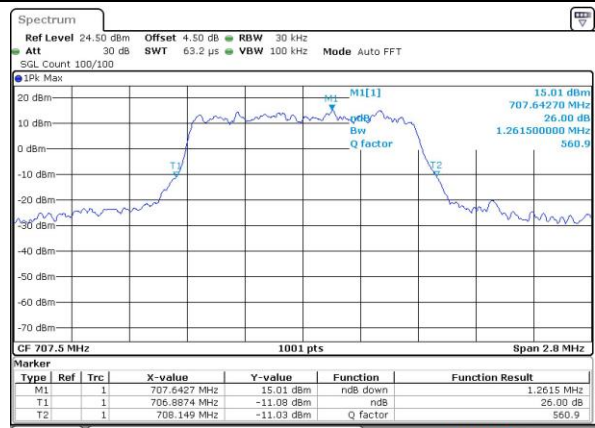
Date: 17 APR 2016 02:26:35

Middle Channel / 1.4MHz / QPSK



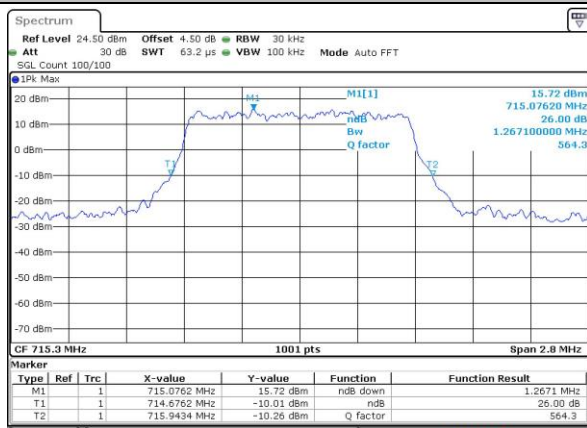
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Middle Channel / 1.4MHz / 16QAM



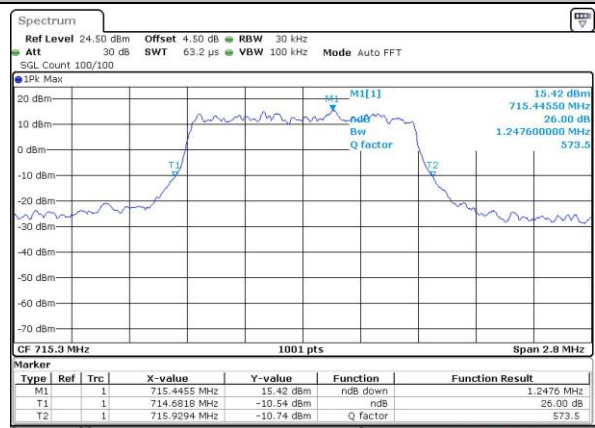
Date: 17 APR 2016 02:26:24

Highest Channel / 1.4MHz / QPSK



Date: 17 APR 2016 02:26:03

Highest Channel / 1.4MHz / 16QAM

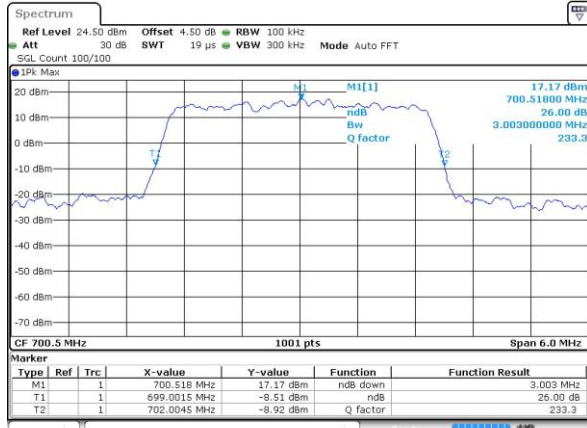


Date: 17 APR 2016 02:25:53

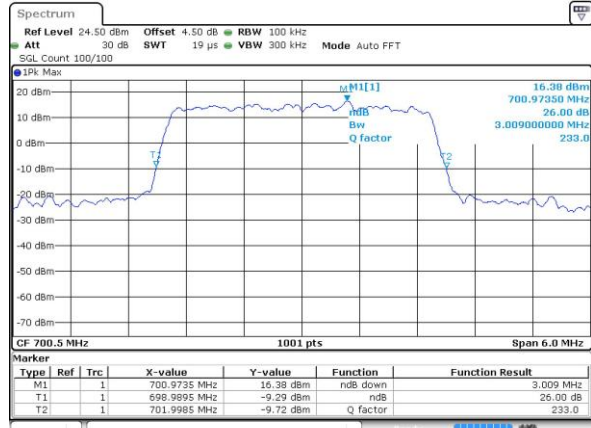


LTE Band 12

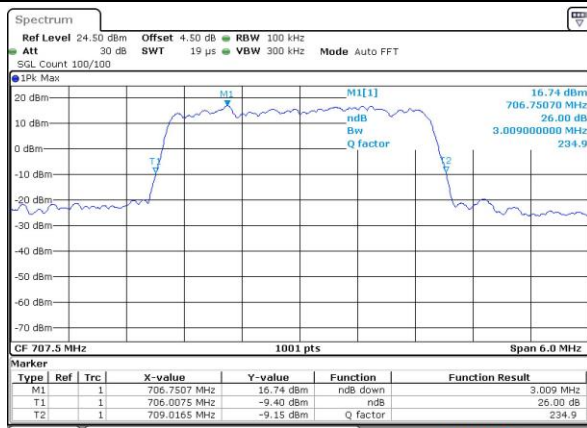
Lowest Channel / 3MHz / QPSK



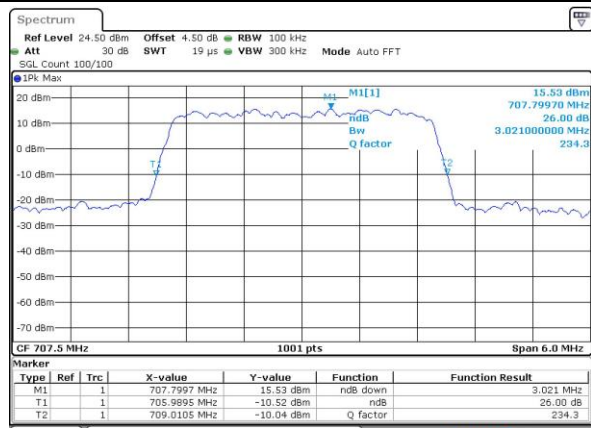
Lowest Channel / 3MHz / 16QAM



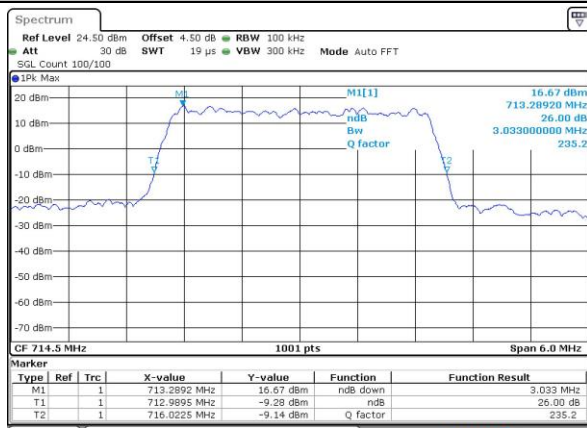
Middle Channel / 3MHz / QPSK



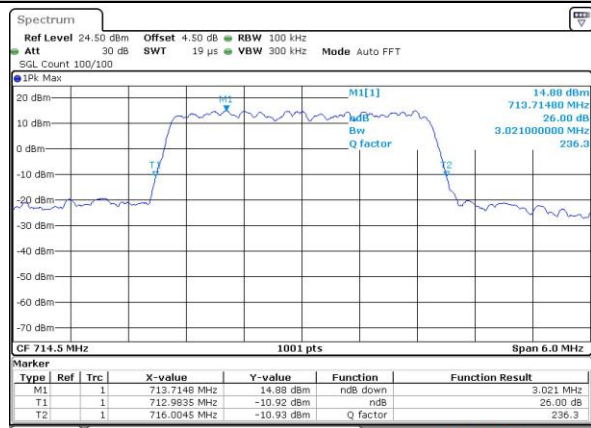
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



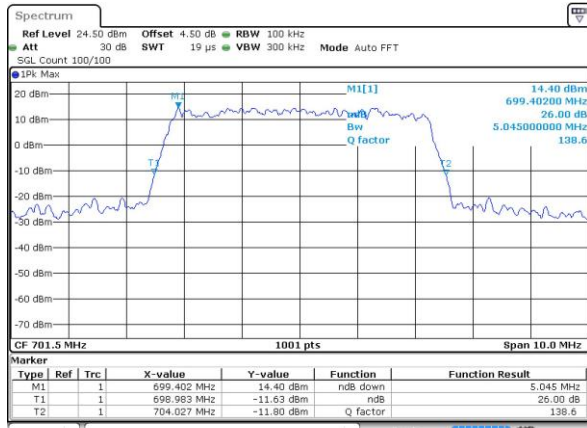
Highest Channel / 3MHz / 16QAM



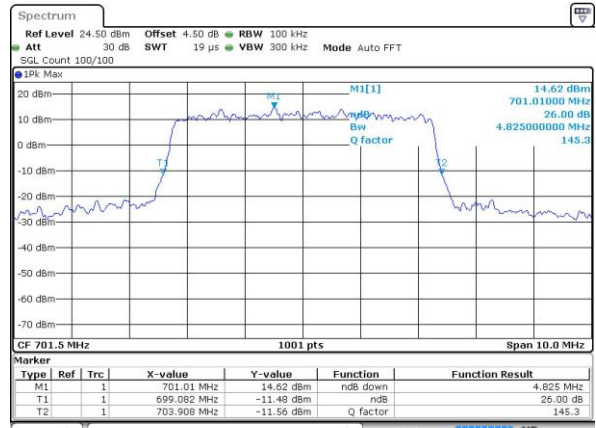


LTE Band 12

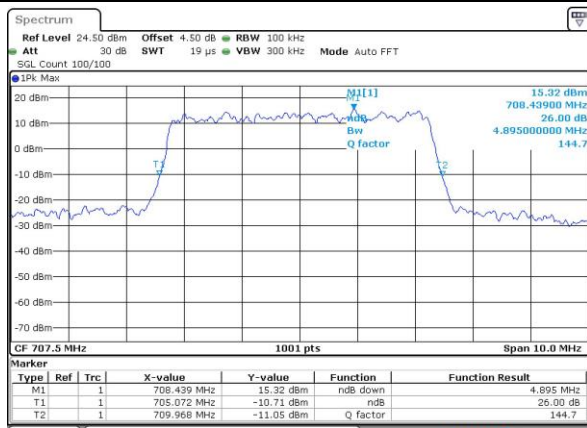
Lowest Channel / 5MHz / QPSK



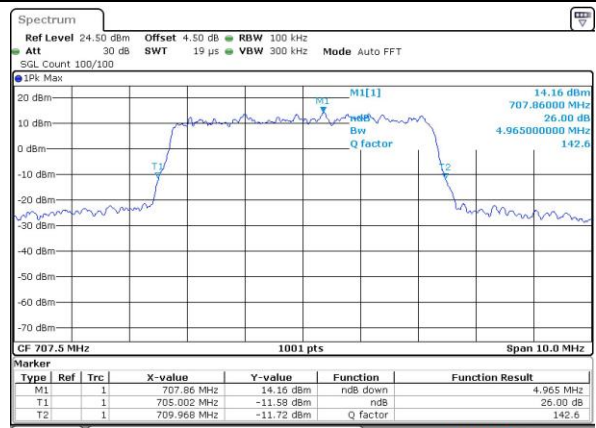
Lowest Channel / 5MHz / 16QAM



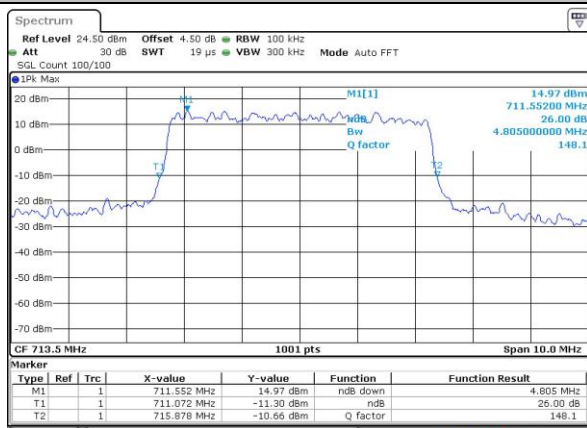
Middle Channel / 5MHz / QPSK



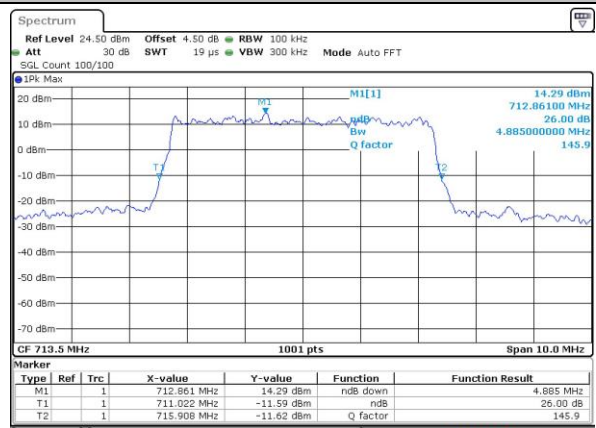
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



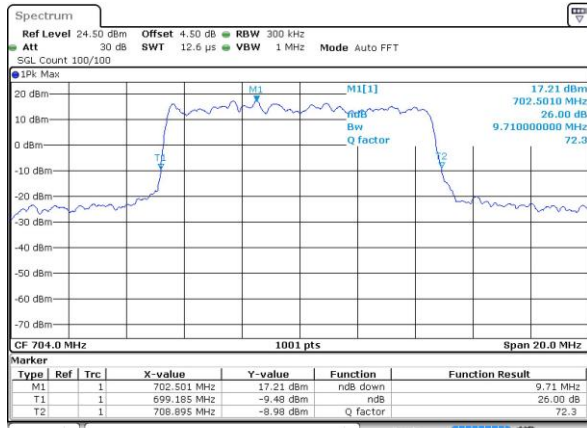
Highest Channel / 5MHz / 16QAM





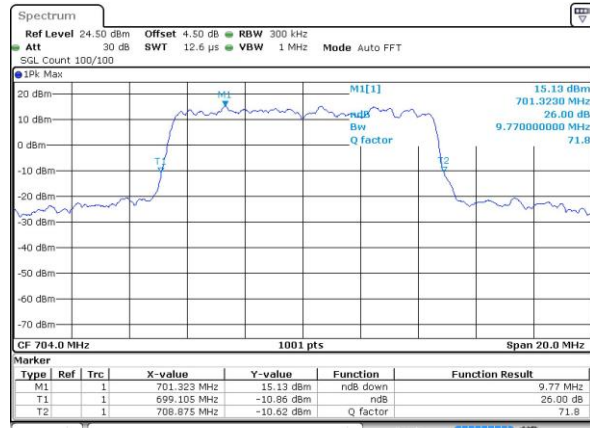
LTE Band 12

Lowest Channel / 10MHz / QPSK



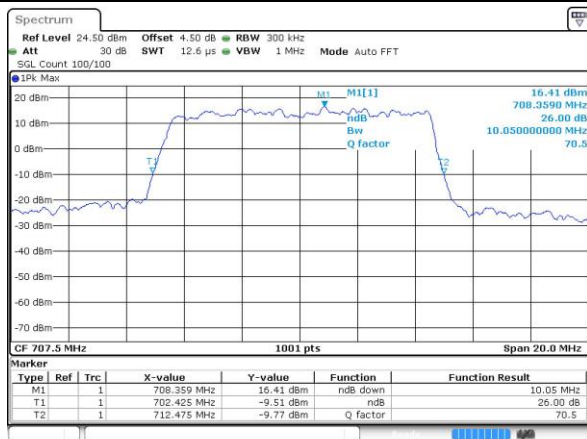
Date: 17 APR 2016 03:38:00

Lowest Channel / 10MHz / 16QAM



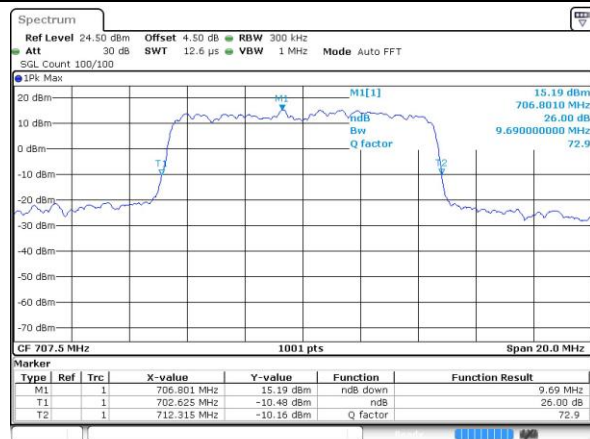
Date: 17 APR 2016 03:37:49

Middle Channel / 10MHz / QPSK



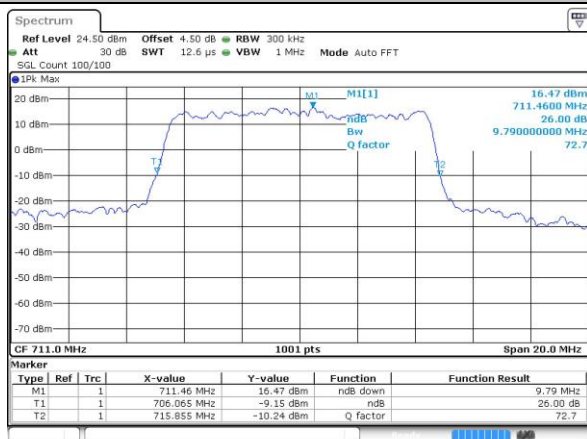
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Middle Channel / 10MHz / 16QAM



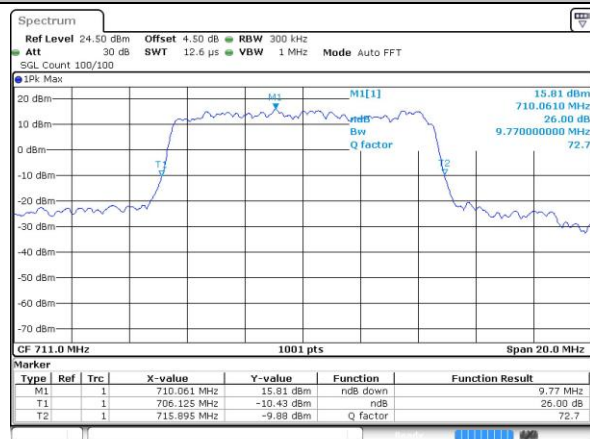
Date: 17 APR 2016 03:37:39

Highest Channel / 10MHz / QPSK



Date: 17 APR 2016 04:26:17

Highest Channel / 10MHz / 16QAM

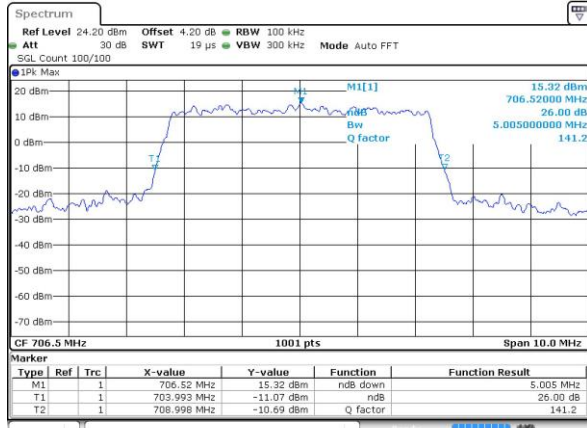


Date: 17 APR 2016 03:37:07



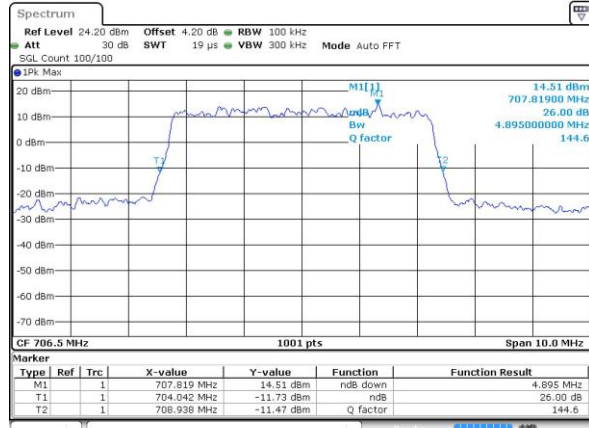
LTE Band 17

Lowest Channel / 5MHz / QPSK



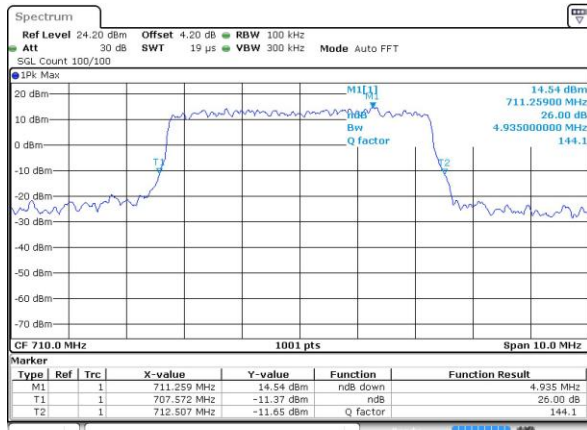
Date: 18 JUL 2016 11:12:02

Lowest Channel / 5MHz / 16QAM



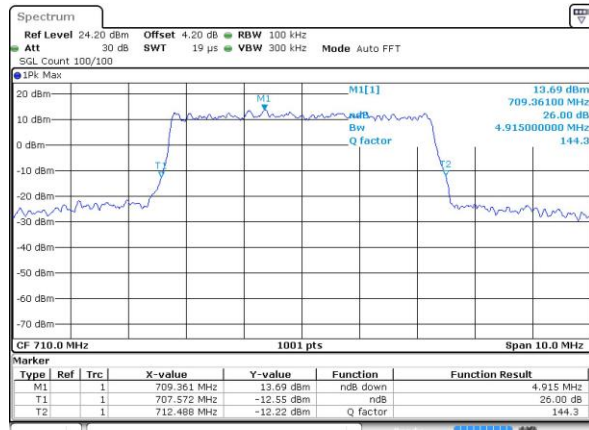
Date: 18 JUL 2016 11:12:13

Middle Channel / 5MHz / QPSK



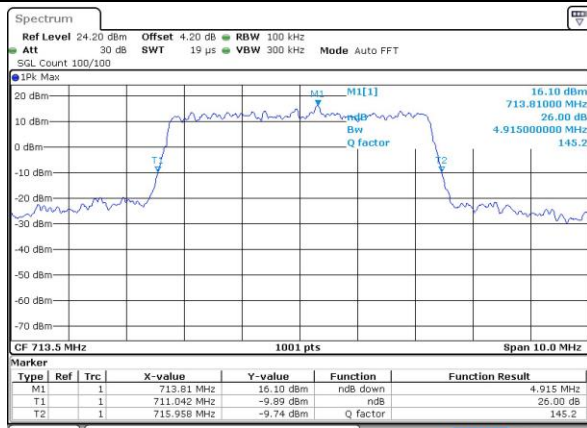
Date: 18 JUL 2016 11:19:07

Middle Channel / 5MHz / 16QAM



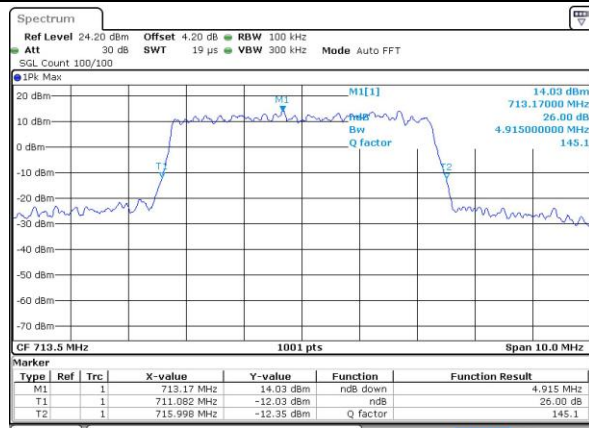
Date: 18 JUL 2016 11:19:17

Highest Channel / 5MHz / QPSK



Date: 18 JUL 2016 11:21:39

Highest Channel / 5MHz / 16QAM

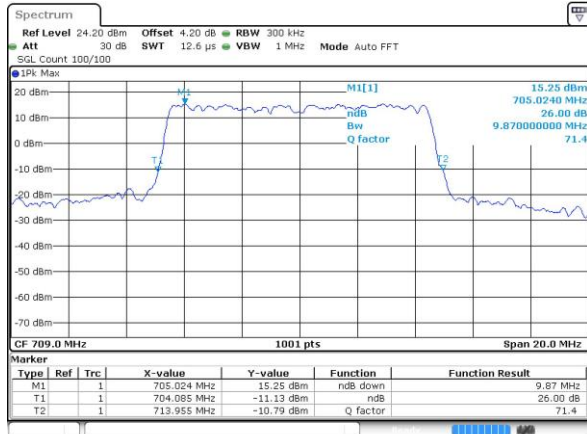


Date: 18 JUL 2016 11:21:49



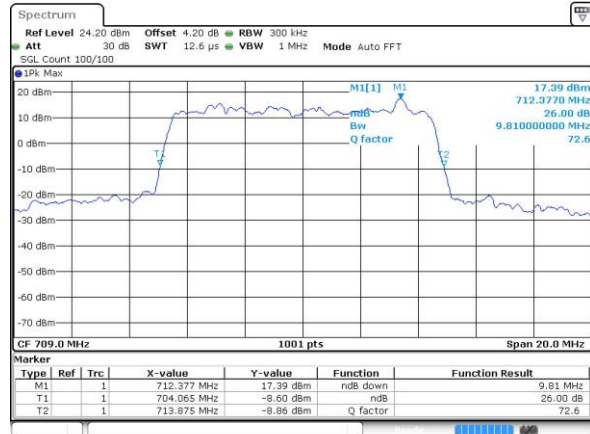
LTE Band 17

Lowest Channel / 10MHz / QPSK



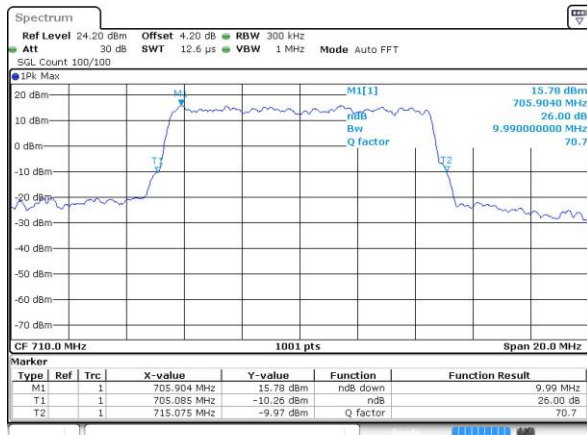
Date: 18 JUL 2016 11:28:43

Lowest Channel / 10MHz / 16QAM



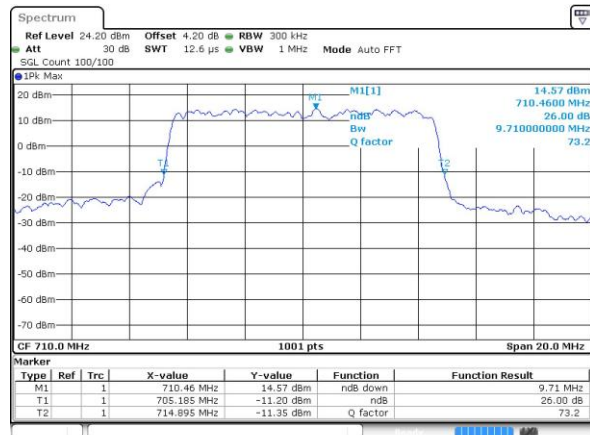
Date: 18 JUL 2016 11:28:53

Middle Channel / 10MHz / QPSK



Date: 18 JUL 2016 11:35:47

Middle Channel / 10MHz / 16QAM



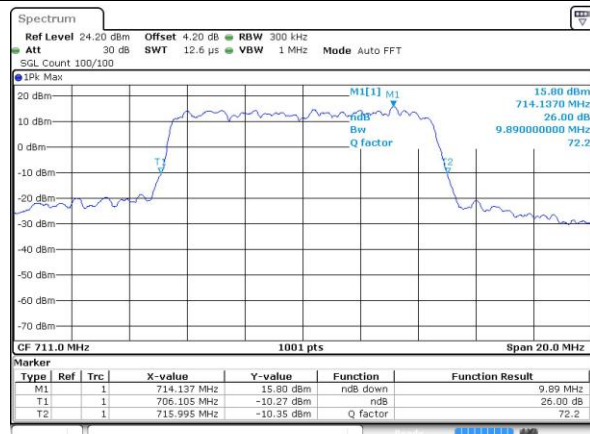
Date: 18 JUL 2016 11:35:57

Highest Channel / 10MHz / QPSK



Date: 18 JUL 2016 11:38:19

Highest Channel / 10MHz / 16QAM



Date: 18 JUL 2016 11:38:29



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	1.08	1.10	2.70	2.71	4.49	4.50	9.03	8.99	13.43	13.43	18.14	18.26
Middle CH	1.09	1.09	2.70	2.72	4.46	4.50	8.95	9.03	13.49	13.40	18.18	18.26
Highest CH	1.09	1.10	2.74	2.72	4.50	4.50	9.03	8.97	13.40	13.49	18.42	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	1.10	1.10	2.72	2.72	4.49	4.51	8.97	9.01	13.43	13.49	18.42	18.18
Middle CH	1.09	1.09	2.73	2.73	4.50	4.47	9.01	9.01	13.46	13.40	18.22	18.34
Highest CH	1.09	1.09	2.72	2.73	4.49	4.48	9.01	9.01	13.37	13.43	18.30	18.18

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	2.71	4.48	4.50	9.07	8.97	-	-	-	-
Middle CH	1.09	1.09	2.70	2.72	4.49	4.47	8.99	8.95	-	-	-	-
Highest CH	1.10	1.09	2.71	2.73	4.46	4.48	8.97	8.97	-	-	-	-

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	-	-	-	-	4.47	4.47	8.99	8.95	13.37	13.37	18.26	18.22
Middle CH	-	-	-	-	4.48	4.47	9.01	9.01	13.43	13.49	18.22	18.26
Highest CH	-	-	-	-	4.50	4.48	9.03	8.99	13.40	13.43	18.30	18.26

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	1.10	1.09	2.69	2.71	4.45	4.48	9.03	9.01	-	-	-	-
Middle CH	1.09	1.09	2.72	2.72	4.49	4.50	9.03	9.01	-	-	-	-
Highest CH	1.09	1.09	2.73	2.72	4.49	4.51	8.93	8.99	-	-	-	-

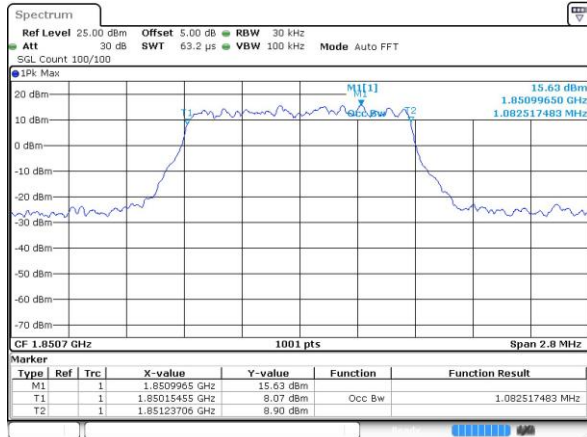


Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.48	9.01	8.97	-	-	-	-
Middle CH	-	-	-	-	4.49	4.46	8.97	9.05	-	-	-	-
Highest CH	-	-	-	-	4.47	4.47	9.01	9.03	-	-	-	-

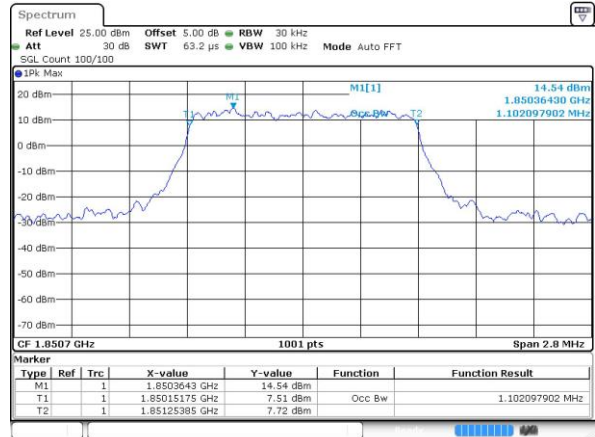


LTE Band 2

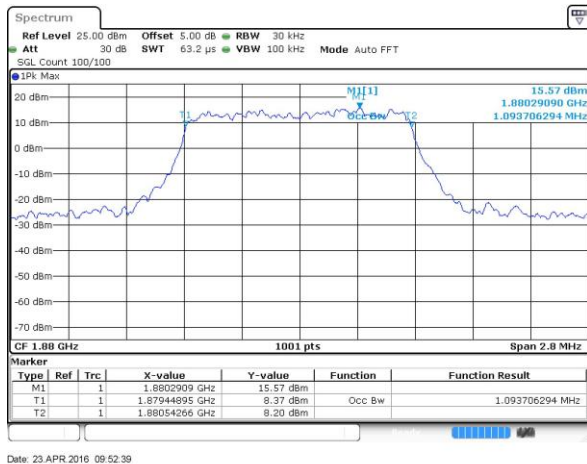
Lowest Channel / 1.4MHz / QPSK



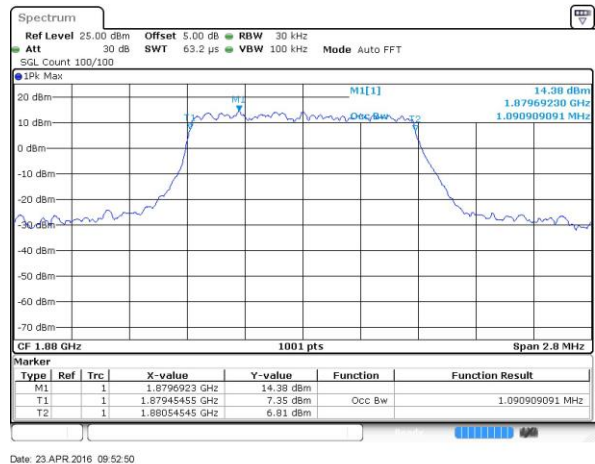
Lowest Channel / 1.4MHz / 16QAM



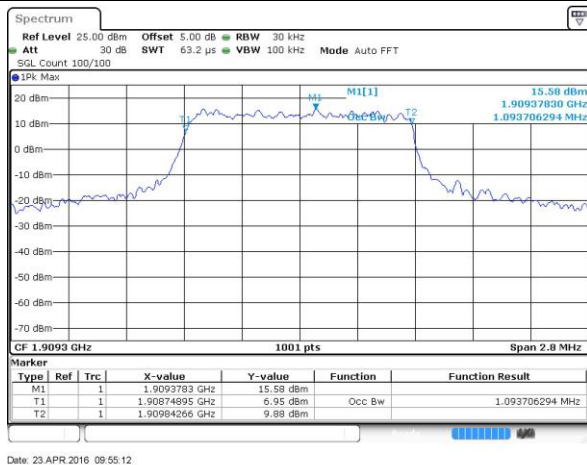
Middle Channel / 1.4MHz / QPSK



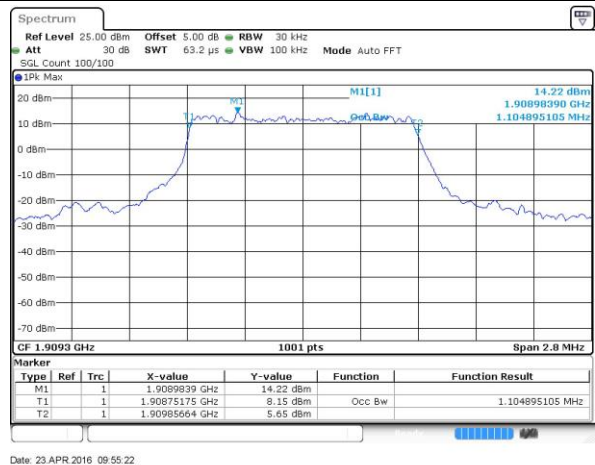
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



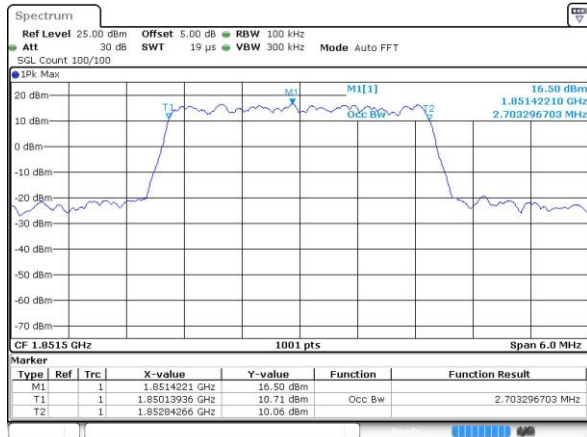
Highest Channel / 1.4MHz / 16QAM



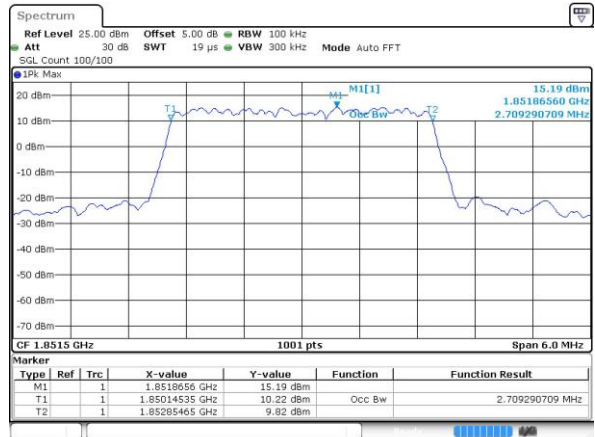


LTE Band 2

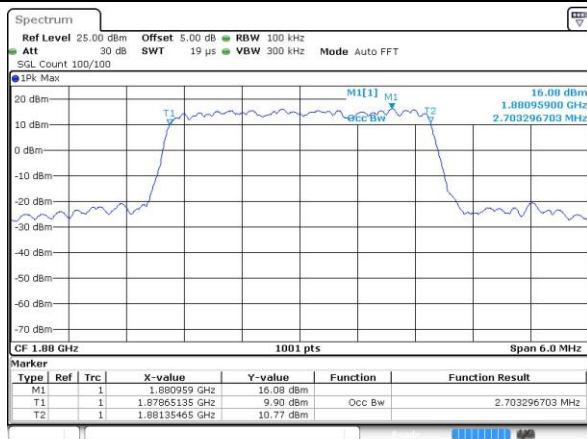
Lowest Channel / 3MHz / QPSK



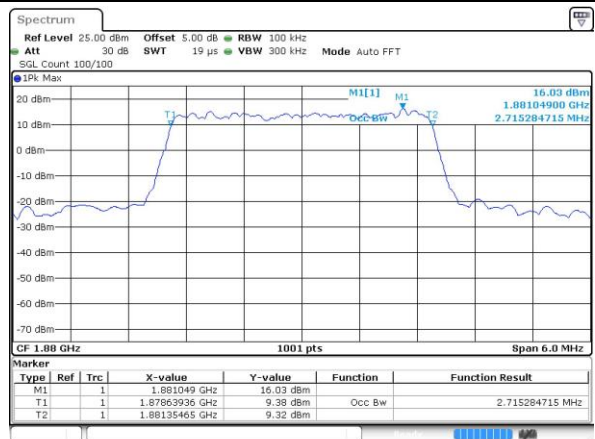
Lowest Channel / 3MHz / 16QAM



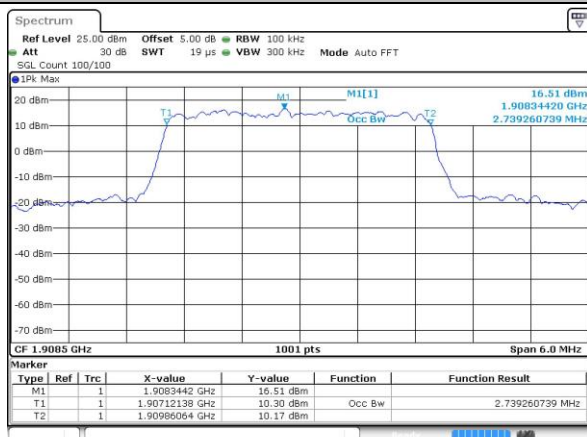
Middle Channel / 3MHz / QPSK



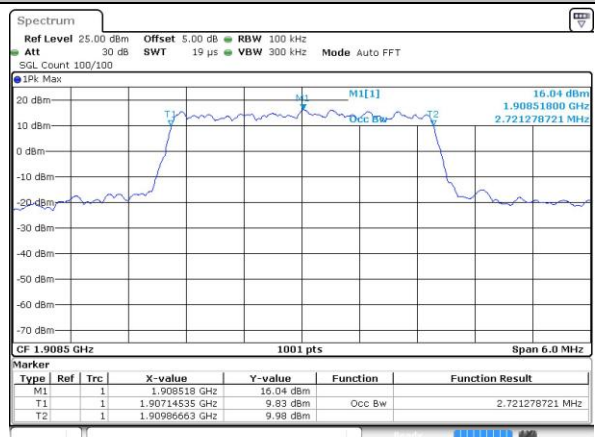
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



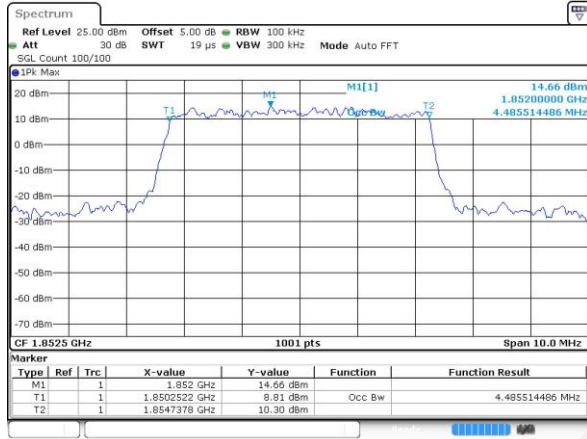
Highest Channel / 3MHz / 16QAM





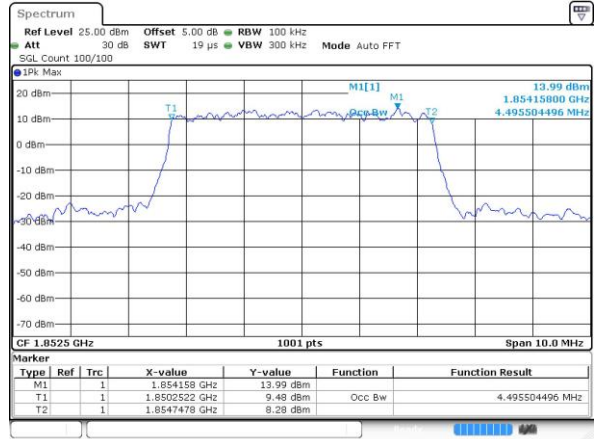
LTE Band 2

Lowest Channel / 5MHz / QPSK



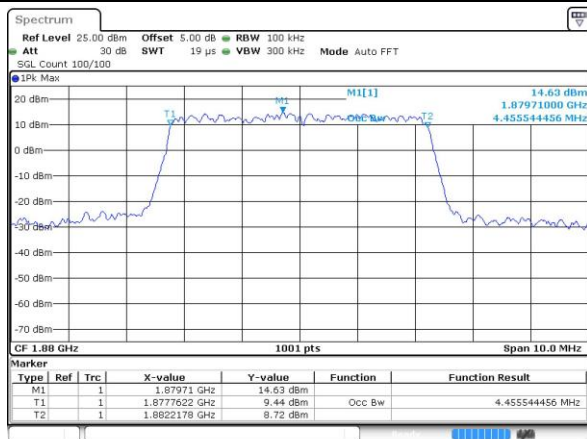
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Lowest Channel / 5MHz / 16QAM



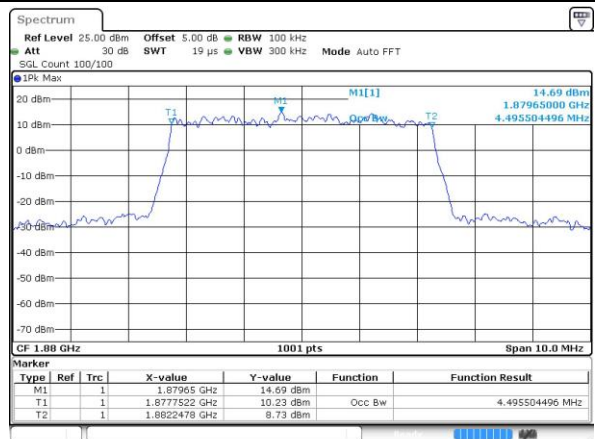
Date: 23 APR 2016 10:19:07

Middle Channel / 5MHz / QPSK



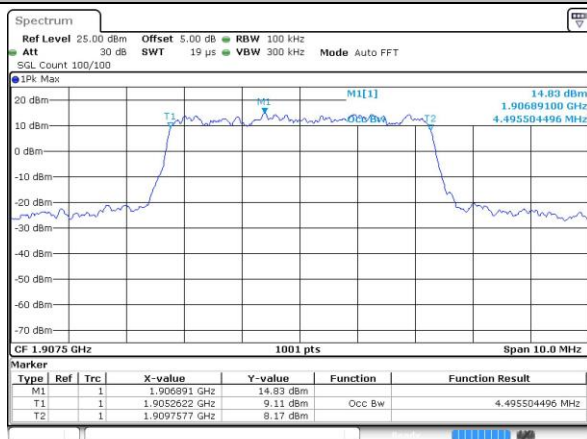
Date: 23 APR 2016 10:26:01

Middle Channel / 5MHz / 16QAM



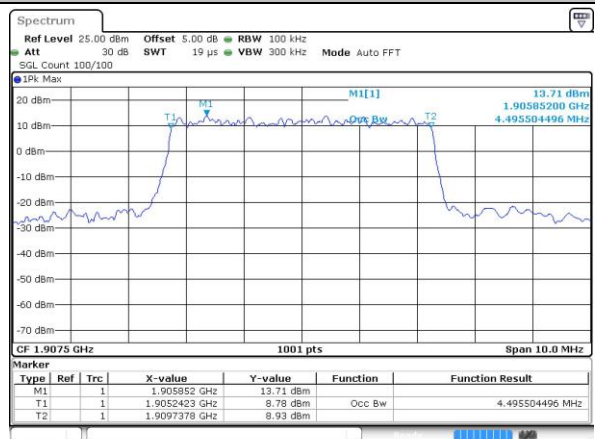
Date: 23 APR 2016 10:26:11

Highest Channel / 5MHz / QPSK



Date: 23 APR 2016 10:28:33

Highest Channel / 5MHz / 16QAM

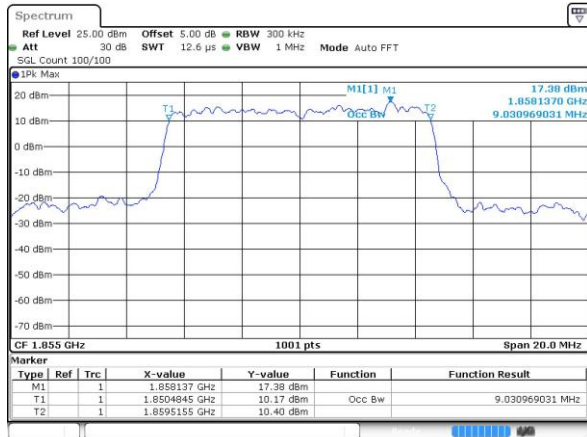


Date: 23 APR 2016 10:28:44



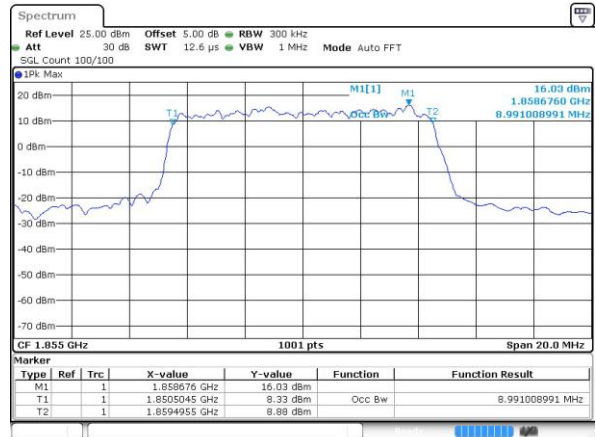
LTE Band 2

Lowest Channel / 10MHz / QPSK



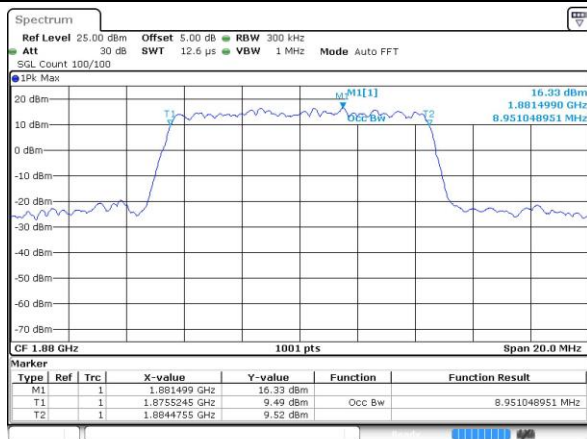
Date: 23 APR 2016 10:35:38

Lowest Channel / 10MHz / 16QAM



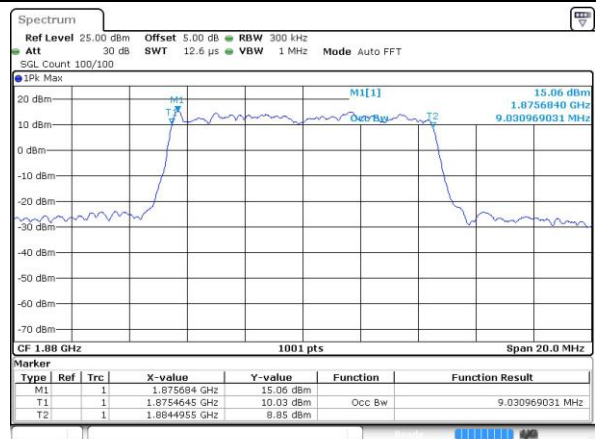
Date: 23 APR 2016 11:47:57

Middle Channel / 10MHz / QPSK



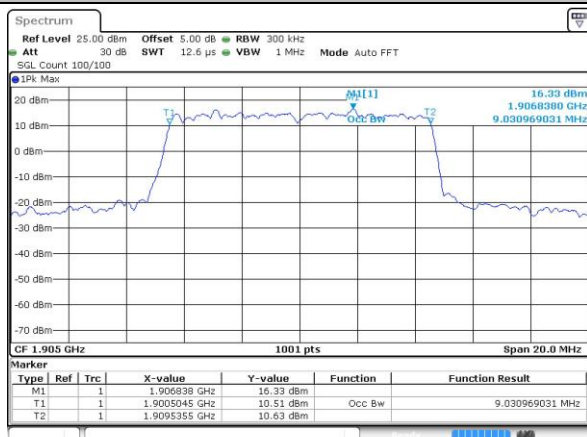
Date: 23 APR 2016 10:42:42

Middle Channel / 10MHz / 16QAM



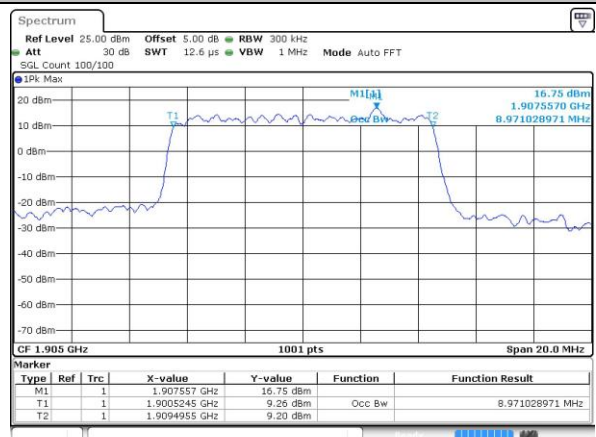
Date: 23 APR 2016 10:42:53

Highest Channel / 10MHz / QPSK



Date: 23 APR 2016 10:45:15

Highest Channel / 10MHz / 16QAM

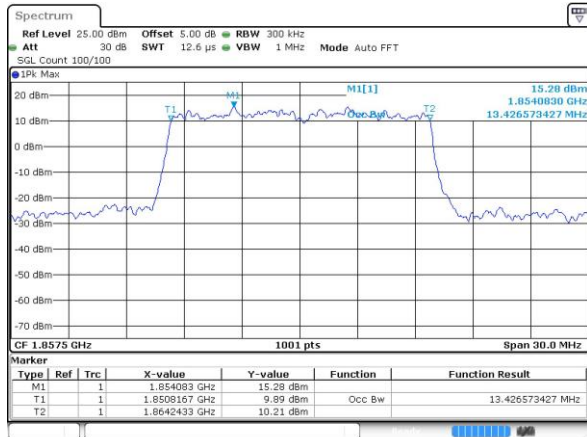


Date: 23 APR 2016 10:45:25

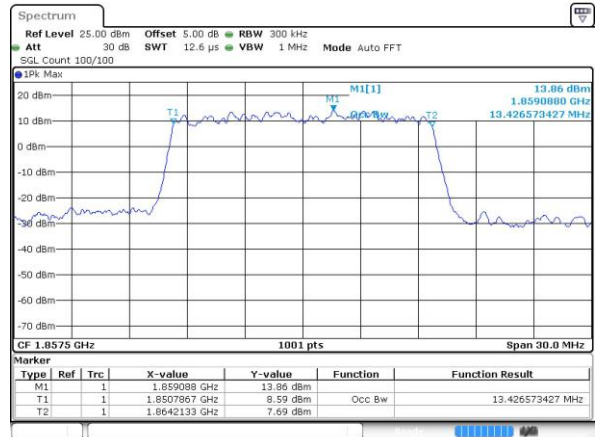


LTE Band 2

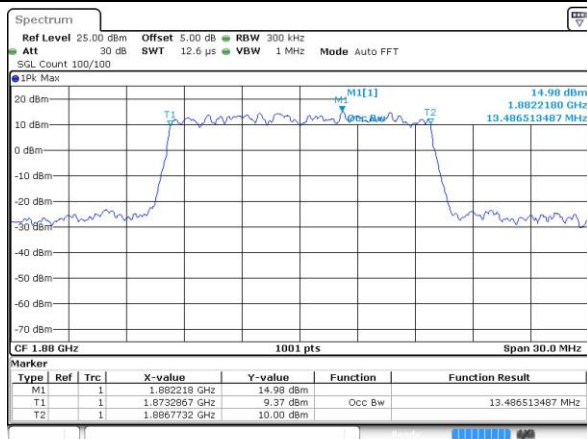
Lowest Channel / 15MHz / QPSK



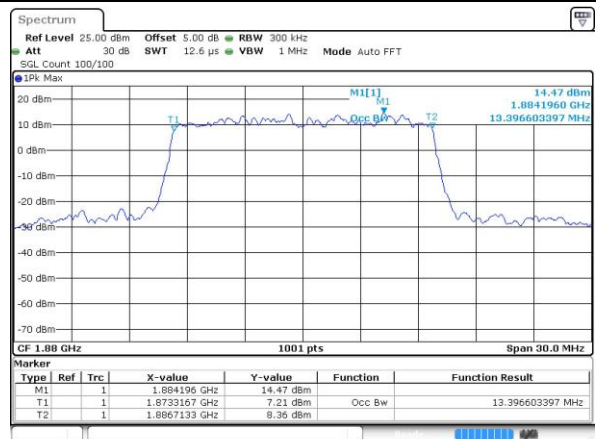
Lowest Channel / 15MHz / 16QAM



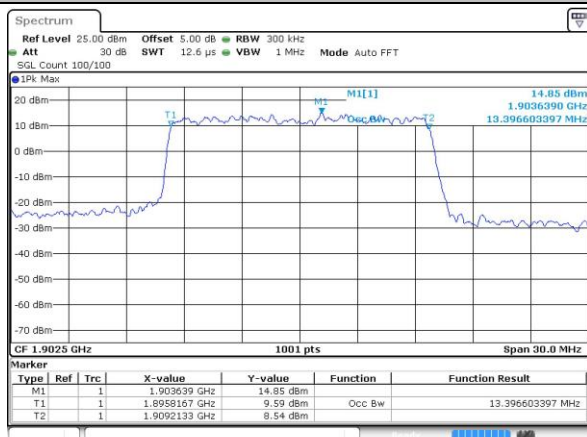
Middle Channel / 15MHz / QPSK



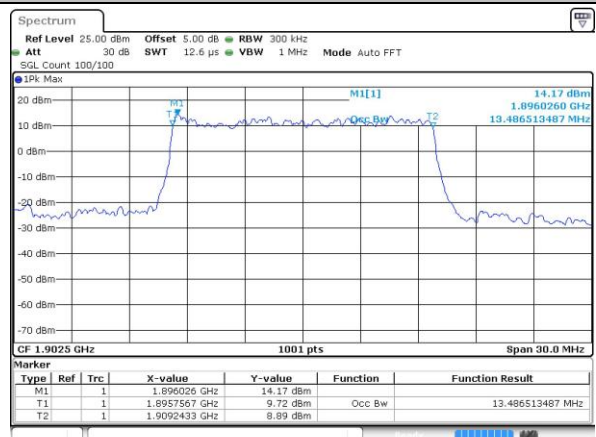
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



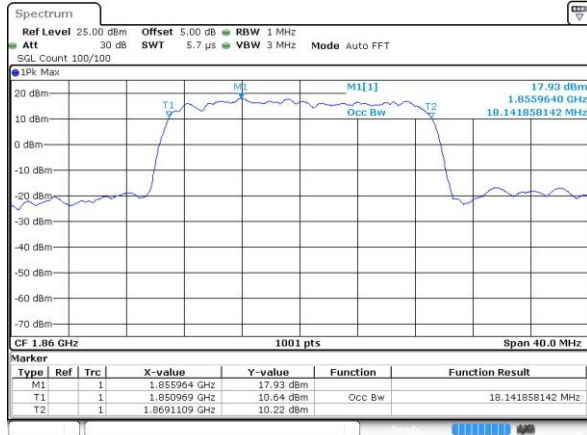
Highest Channel / 15MHz / 16QAM



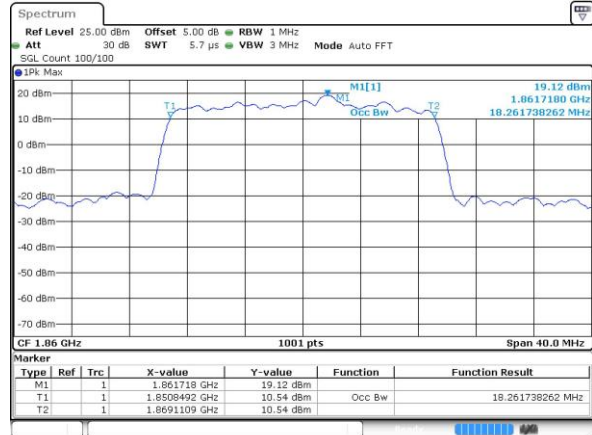


LTE Band 2

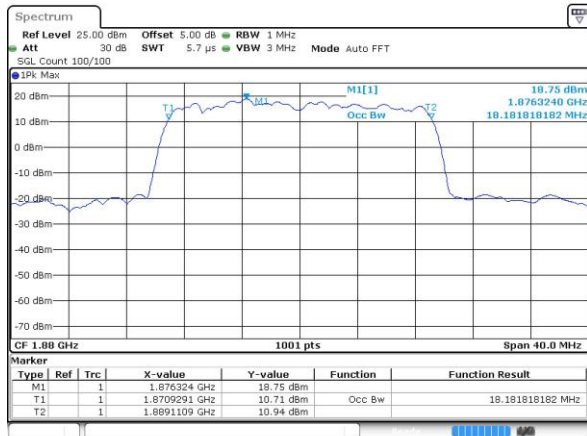
Lowest Channel / 20MHz / QPSK



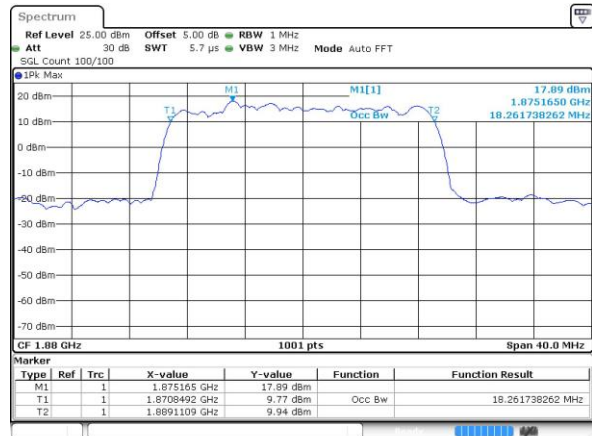
Lowest Channel / 20MHz / 16QAM



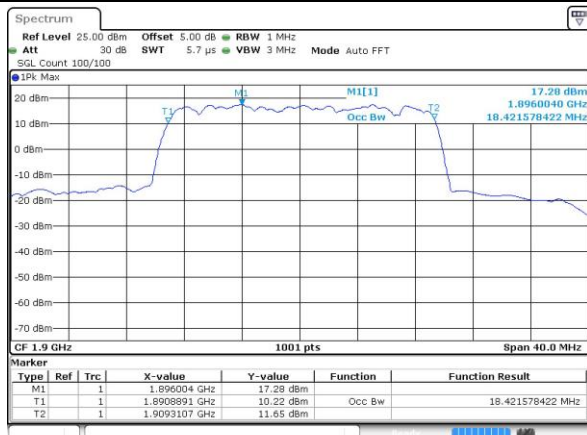
Middle Channel / 20MHz / QPSK



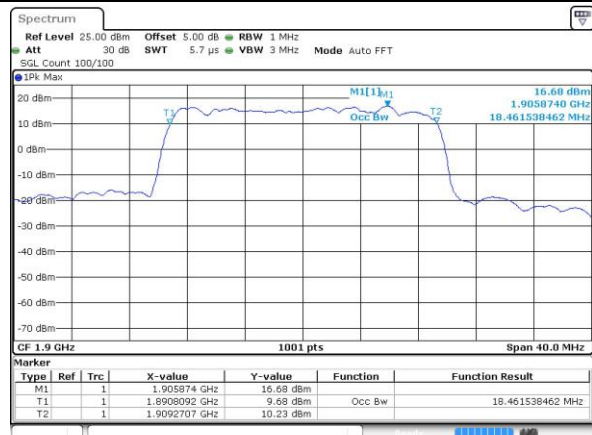
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



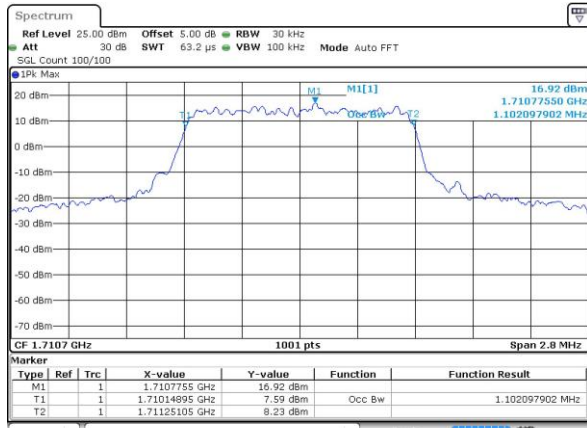
Highest Channel / 20MHz / 16QAM



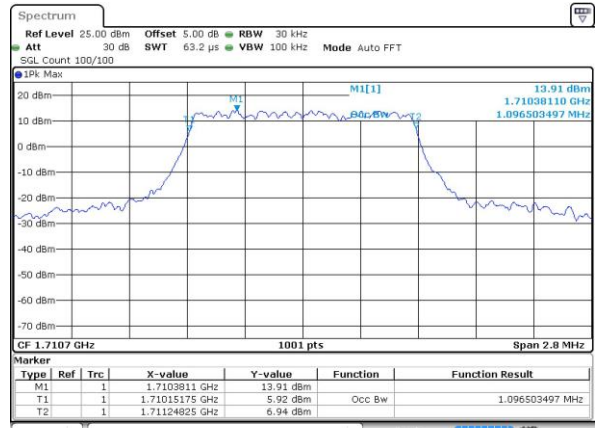


LTE Band 4

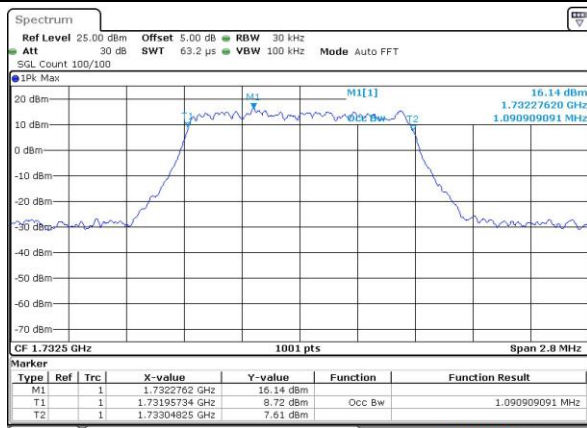
Lowest Channel / 1.4MHz / QPSK



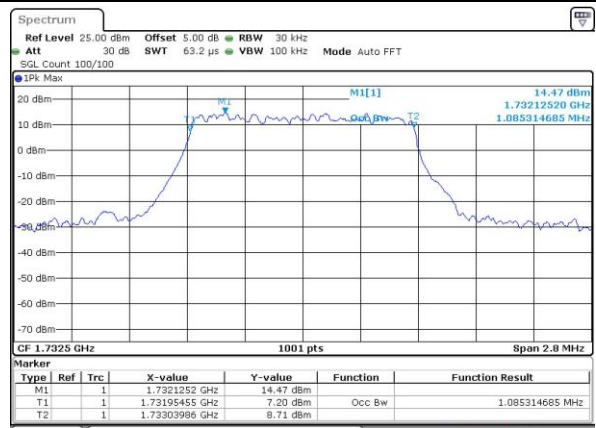
Lowest Channel / 1.4MHz / 16QAM



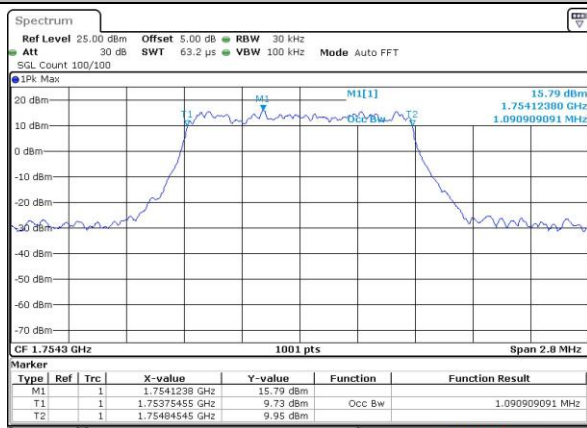
Middle Channel / 1.4MHz / QPSK



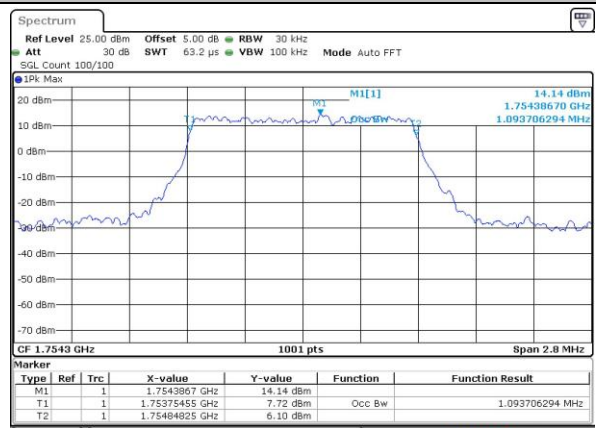
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



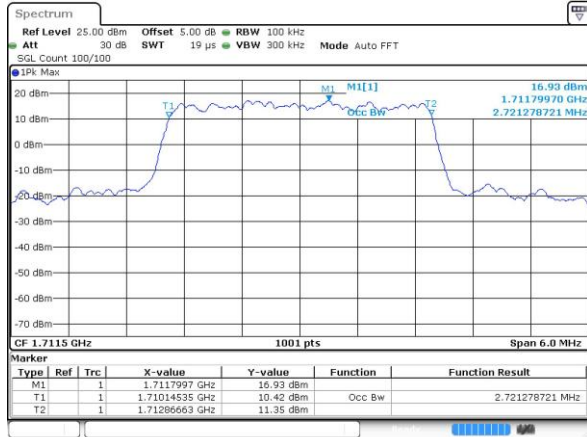
Highest Channel / 1.4MHz / 16QAM



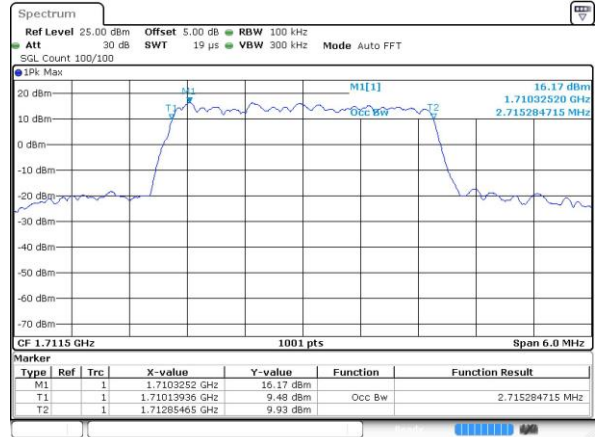


LTE Band 4

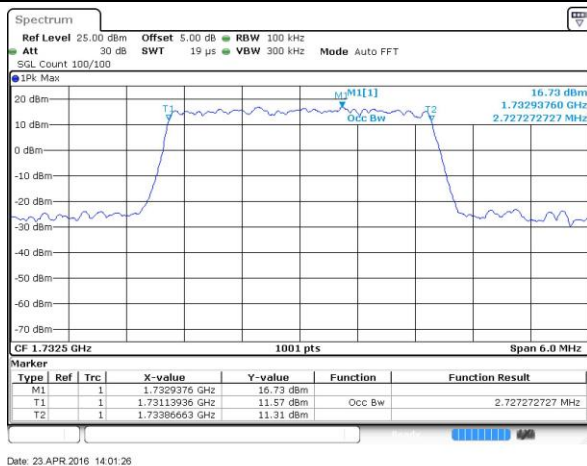
Lowest Channel / 3MHz / QPSK



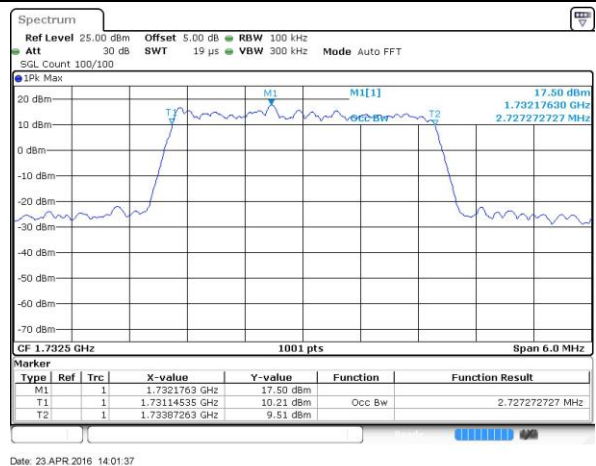
Lowest Channel / 3MHz / 16QAM



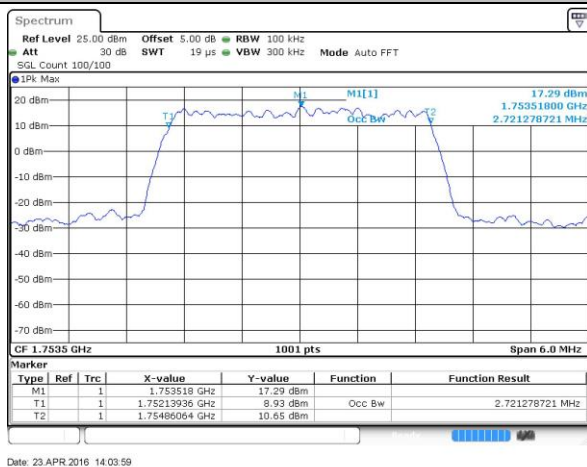
Middle Channel / 3MHz / QPSK



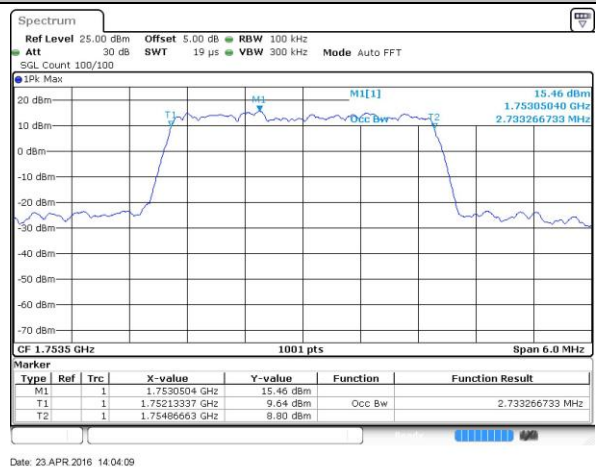
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



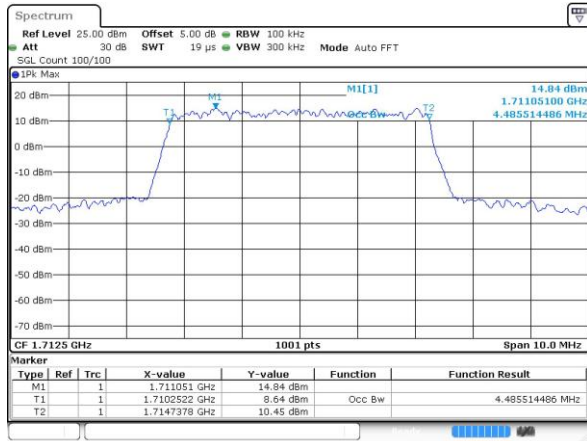
Highest Channel / 3MHz / 16QAM



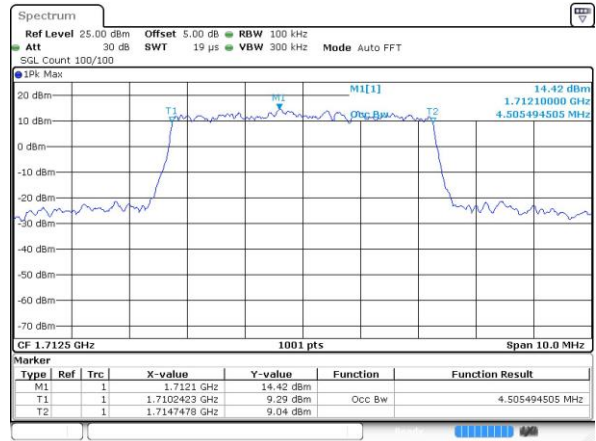


LTE Band 4

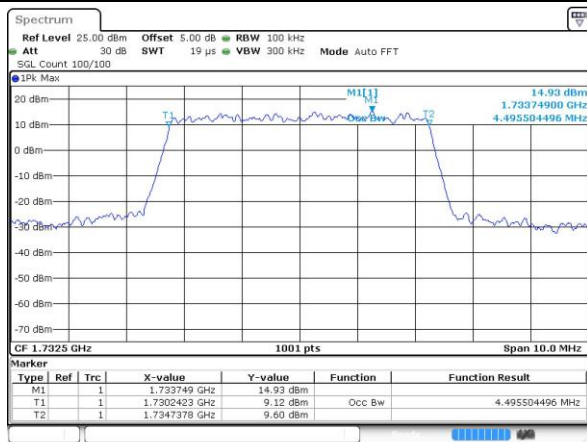
Lowest Channel / 5MHz / QPSK



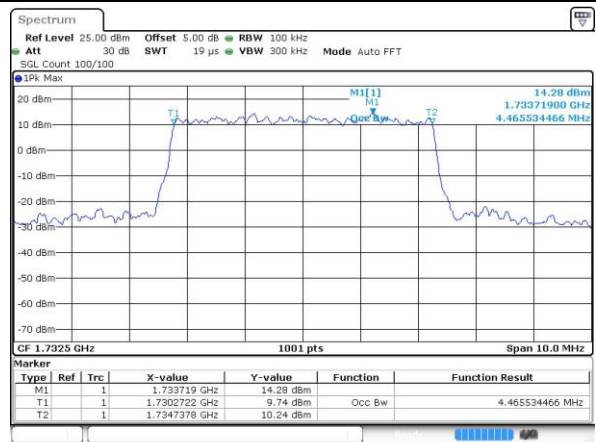
Lowest Channel / 5MHz / 16QAM



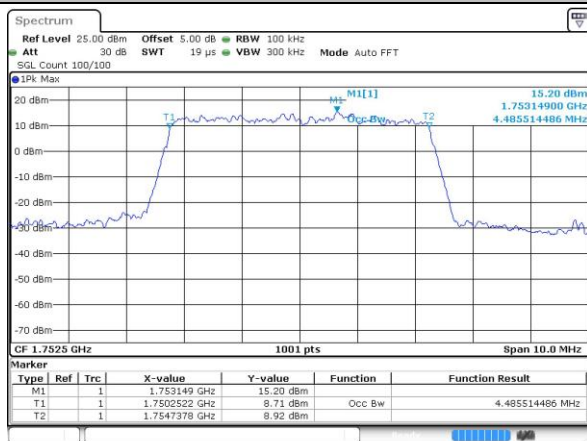
Middle Channel / 5MHz / QPSK



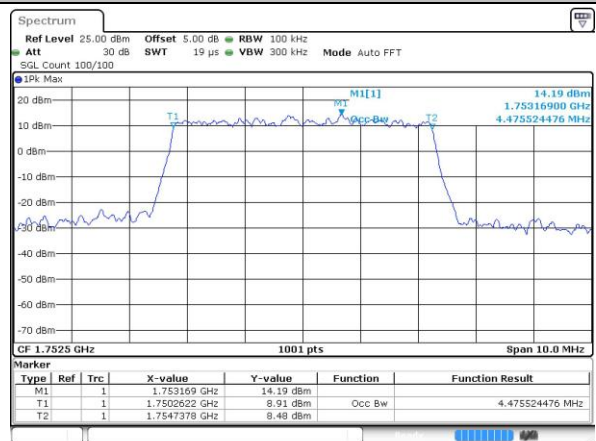
Middle Channel / 5MHz / 16QAM

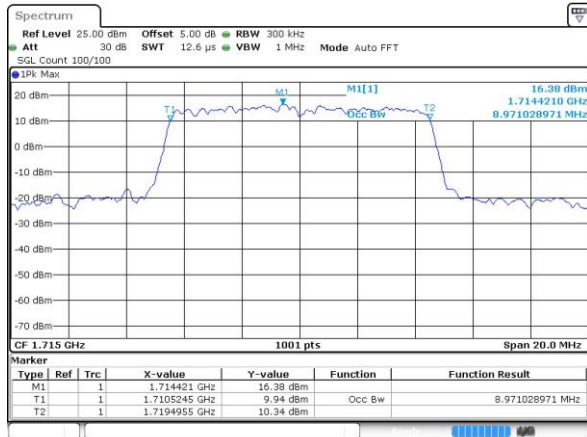
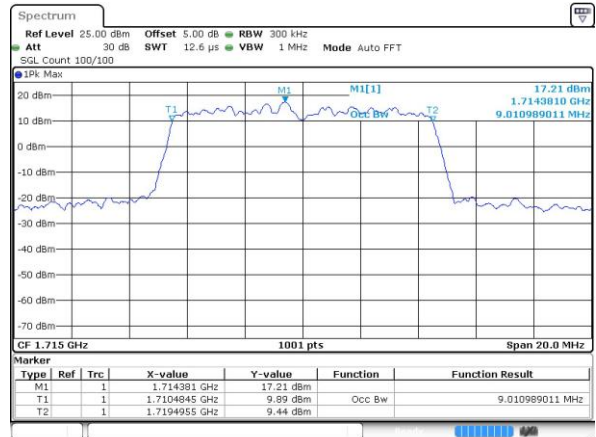
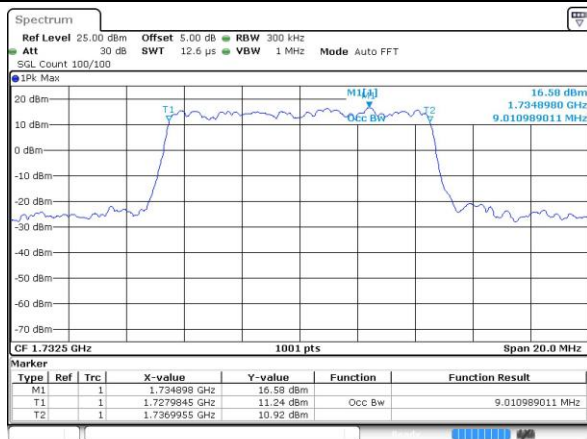
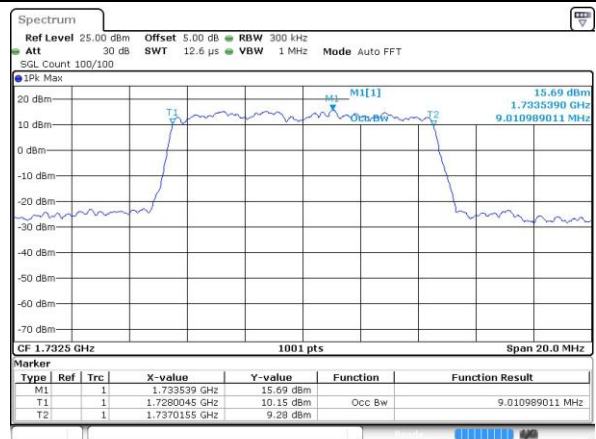
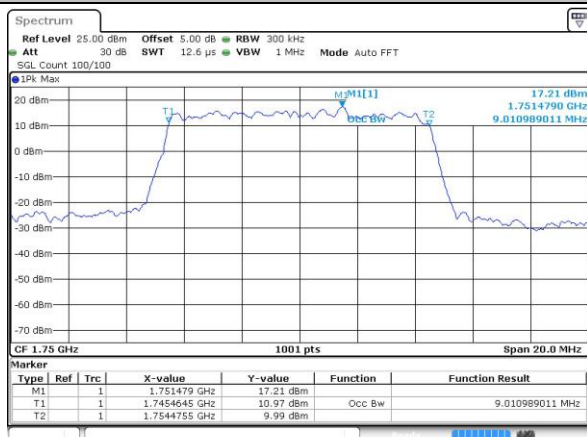


Highest Channel / 5MHz / QPSK



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**