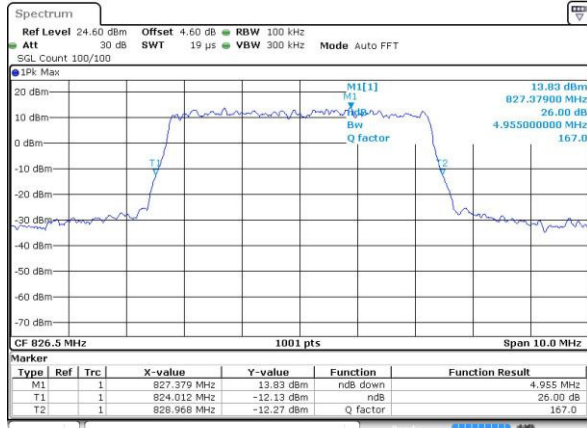




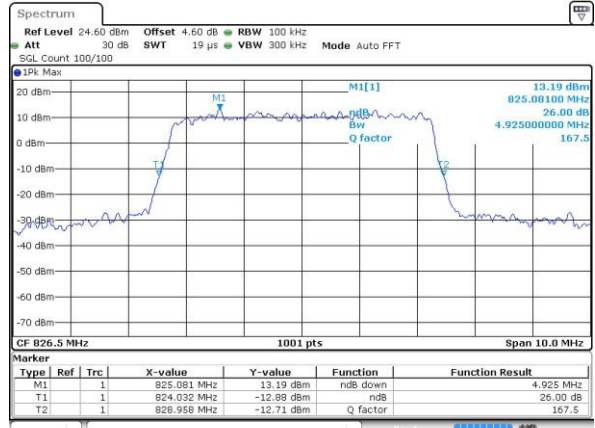
LTE Band 5

Lowest Channel / 5MHz / QPSK



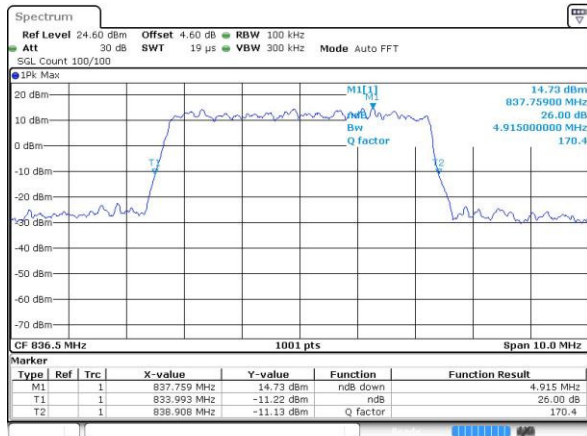
Date: 18 MAR 2017 03:03:58

Lowest Channel / 5MHz / 16QAM



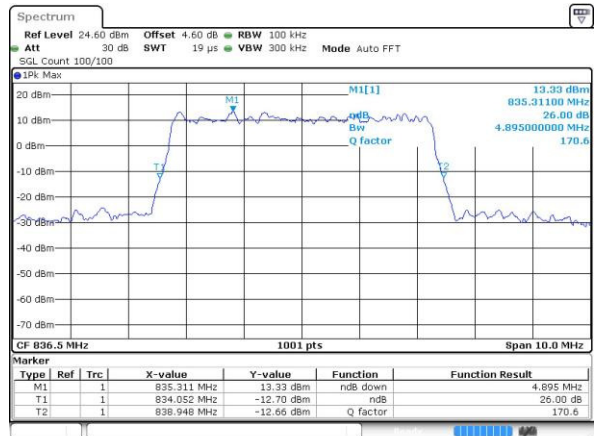
Date: 18 MAR 2017 03:04:09

Middle Channel / 5MHz / QPSK



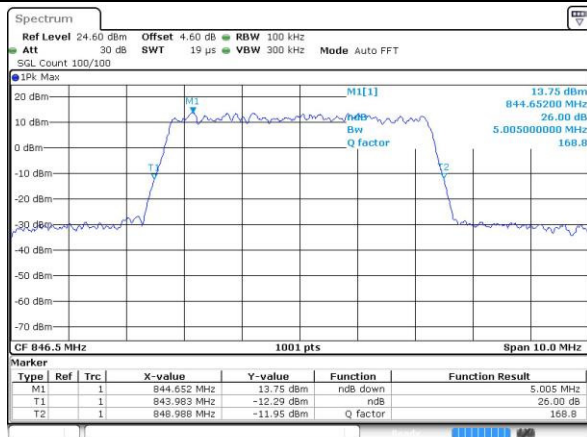
Date: 18 MAR 2017 03:13:03

Middle Channel / 5MHz / 16QAM



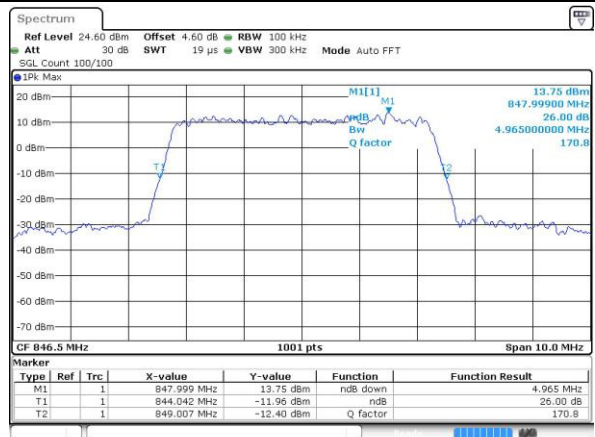
Date: 18 MAR 2017 03:13:13

Highest Channel / 5MHz / QPSK



Date: 18 MAR 2017 03:15:35

Highest Channel / 5MHz / 16QAM

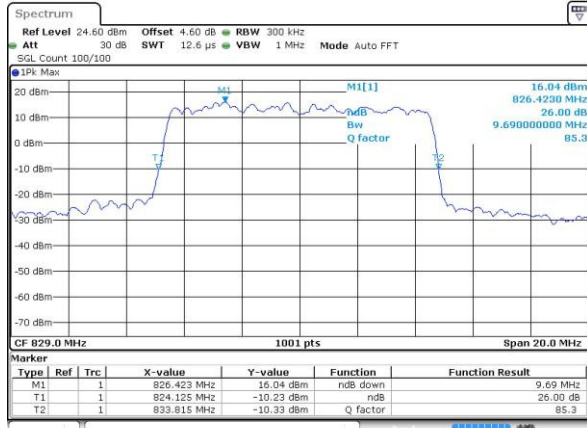


Date: 18 MAR 2017 03:15:46



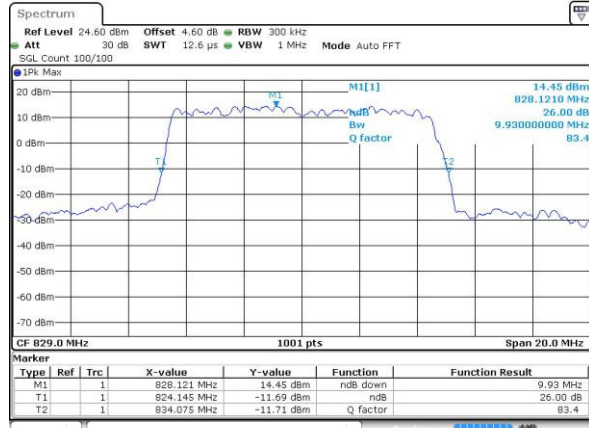
LTE Band 5

Lowest Channel / 10MHz / QPSK



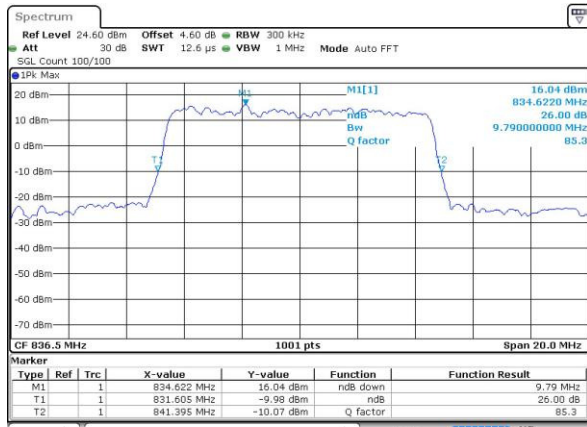
Date: 18 MAR 2017 03:24:40

Lowest Channel / 10MHz / 16QAM



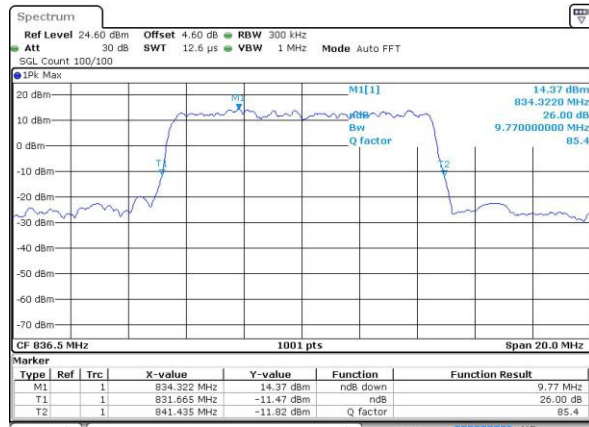
Date: 18 MAR 2017 03:24:51

Middle Channel / 10MHz / QPSK



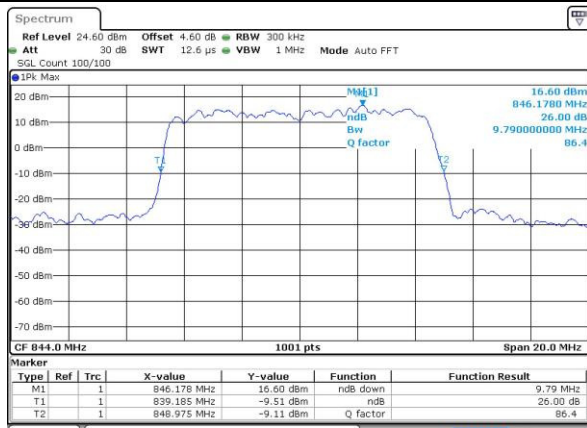
Date: 18 MAR 2017 03:33:45

Middle Channel / 10MHz / 16QAM



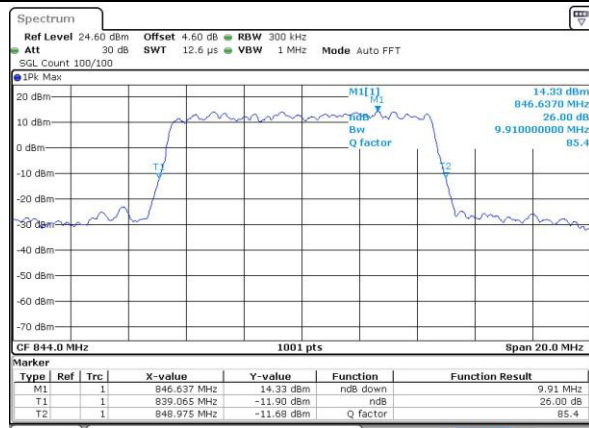
Date: 18 MAR 2017 03:33:55

Highest Channel / 10MHz / QPSK



Date: 18 MAR 2017 03:36:17

Highest Channel / 10MHz / 16QAM

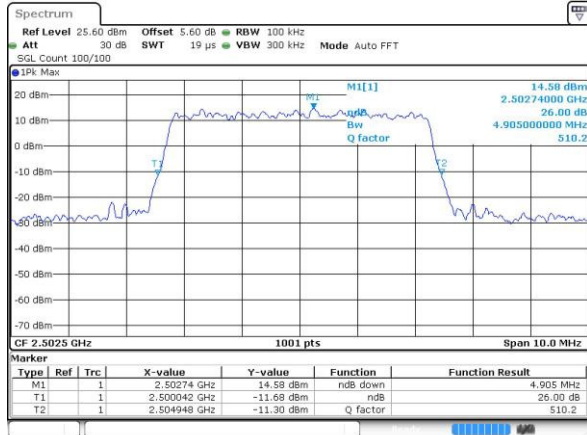


Date: 18 MAR 2017 06:38:34



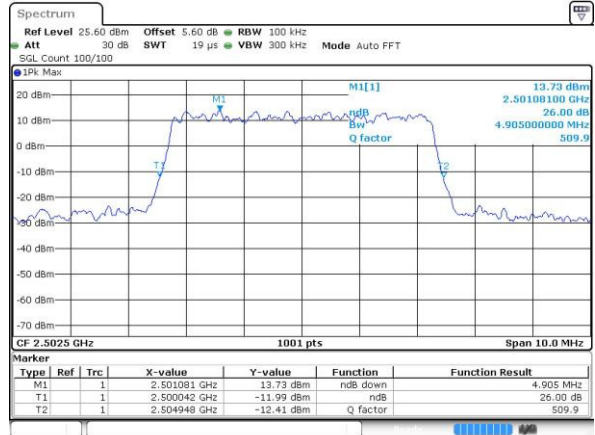
LTE Band 7

Lowest Channel / 5MHz / QPSK



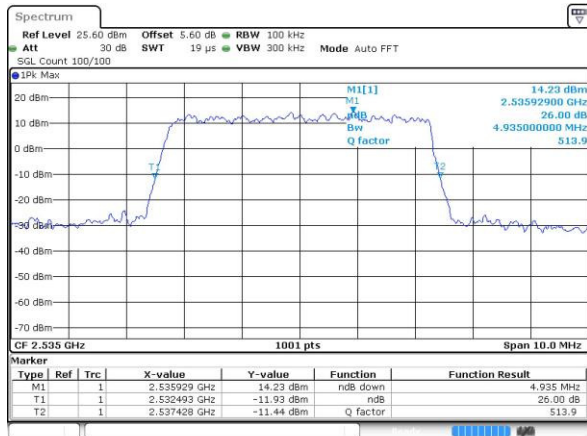
Date: 20 MAR 2017 12:09:33

Lowest Channel / 5MHz / 16QAM



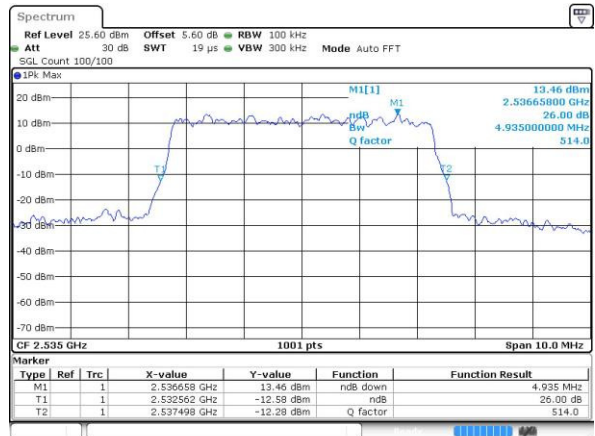
Date: 20 MAR 2017 12:09:54

Middle Channel / 5MHz / QPSK



Date: 20 MAR 2017 12:10:35

Middle Channel / 5MHz / 16QAM



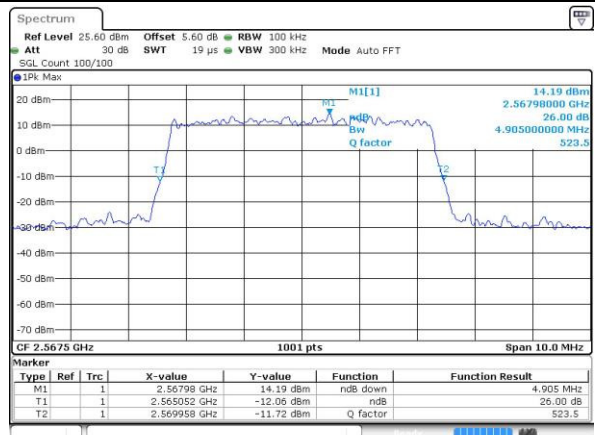
Date: 20 MAR 2017 12:10:14

Highest Channel / 5MHz / QPSK



Date: 20 MAR 2017 12:10:56

Highest Channel / 5MHz / 16QAM

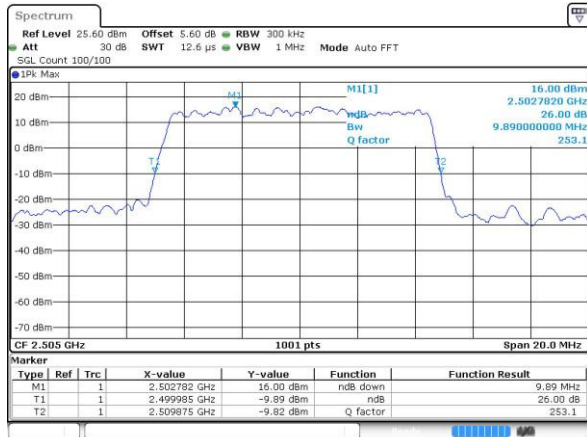


Date: 20 MAR 2017 12:11:17

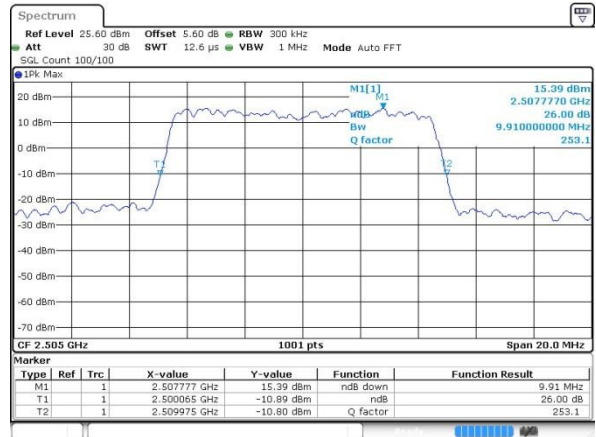


LTE Band 7

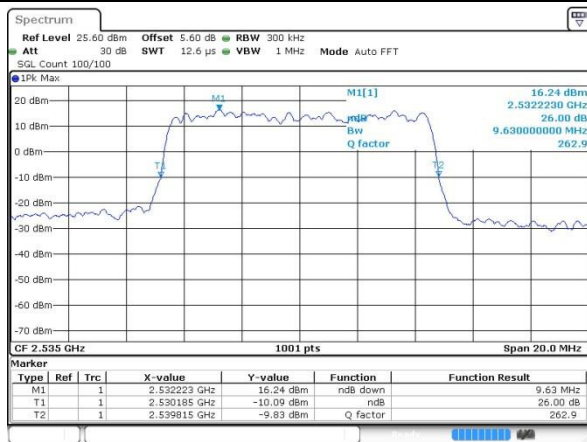
Lowest Channel / 10MHz / QPSK



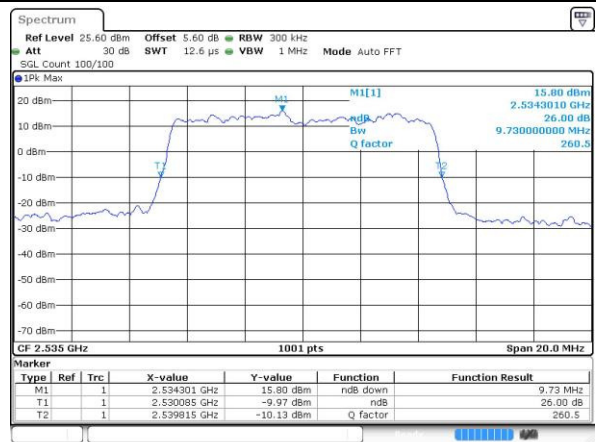
Lowest Channel / 10MHz / 16QAM



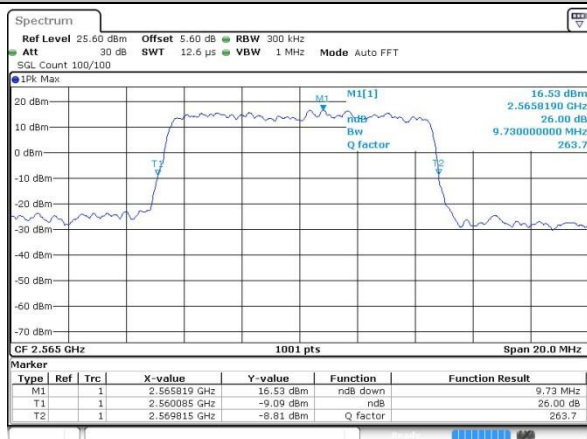
Middle Channel / 10MHz / QPSK



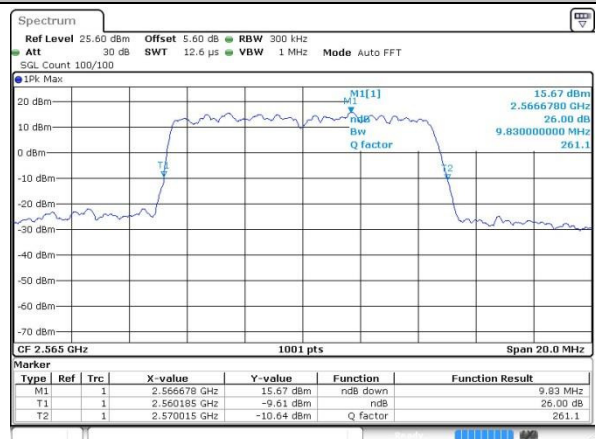
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



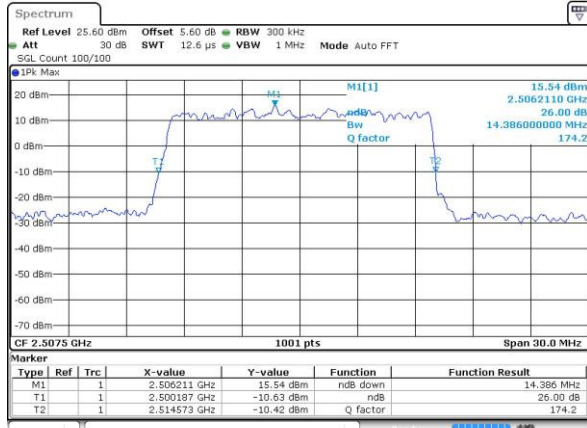
Highest Channel / 10MHz / 16QAM



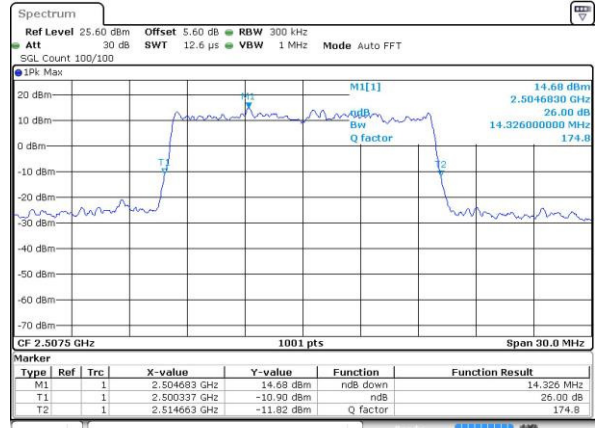


LTE Band 7

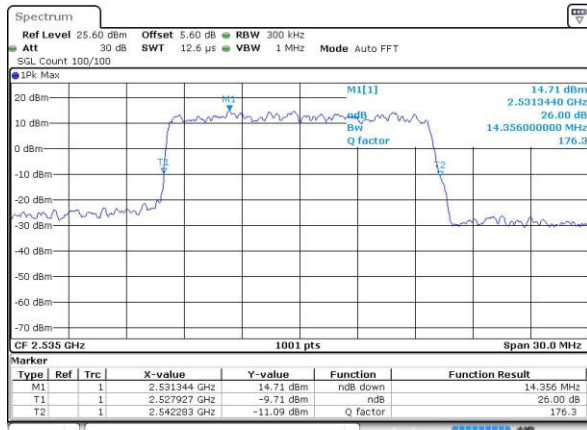
Lowest Channel / 15MHz / QPSK



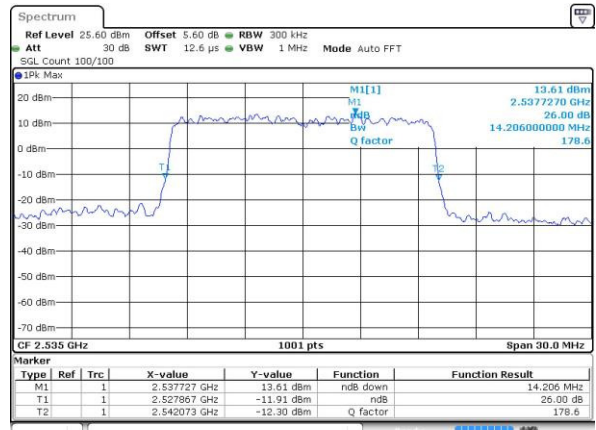
Lowest Channel / 15MHz / 16QAM



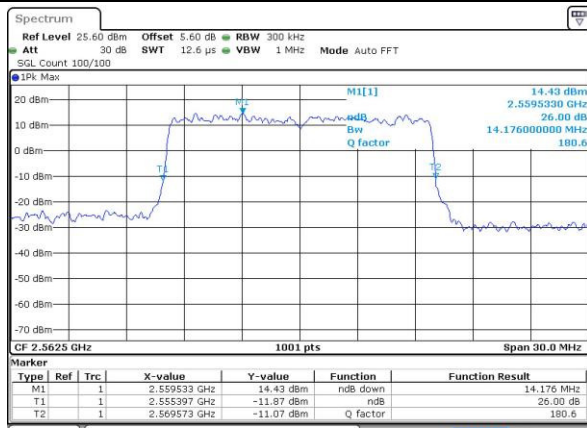
Middle Channel / 15MHz / QPSK



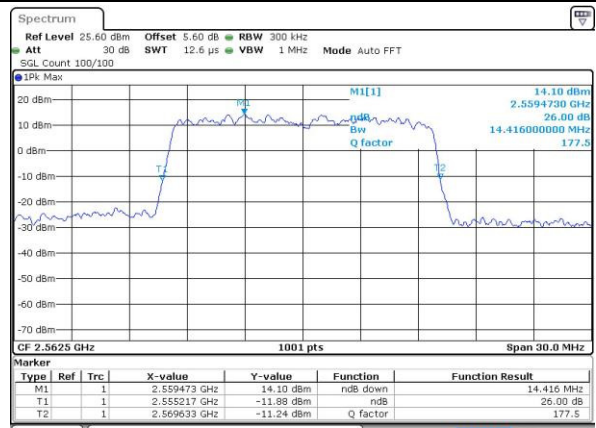
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



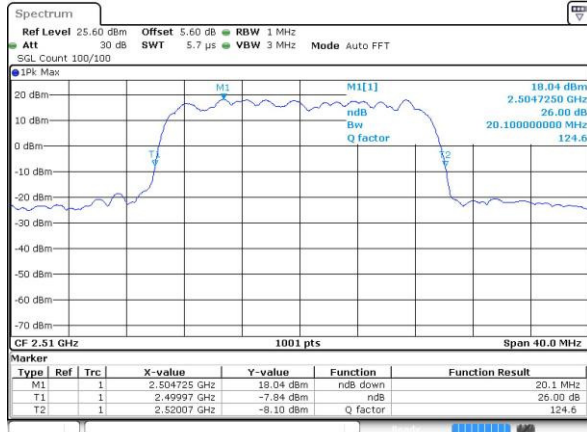
Highest Channel / 15MHz / 16QAM





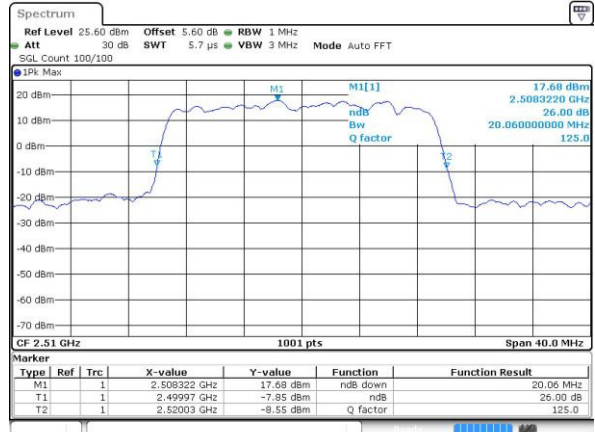
LTE Band 7

Lowest Channel / 20MHz / QPSK



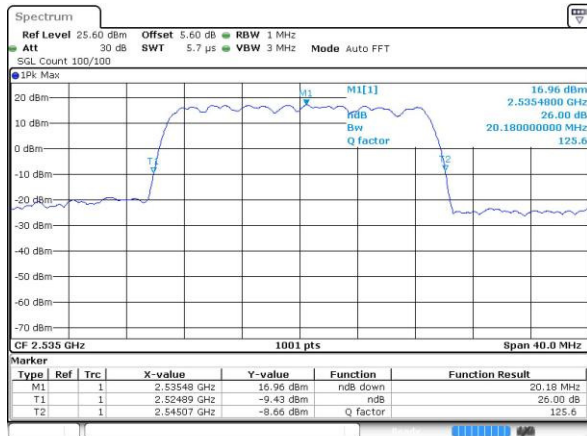
Date: 20 MAR 2017 12:59:58

Lowest Channel / 20MHz / 16QAM



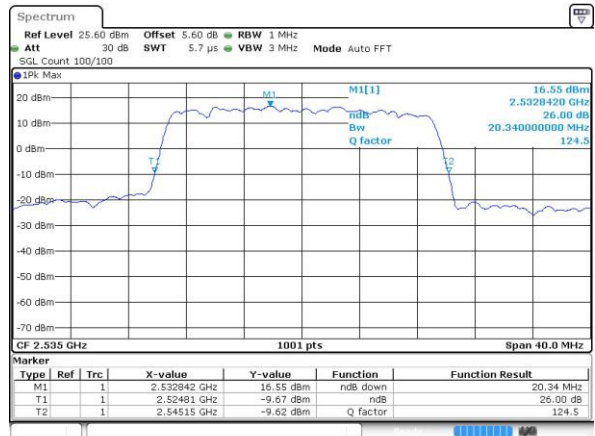
Date: 20 MAR 2017 12:59:38

Middle Channel / 20MHz / QPSK



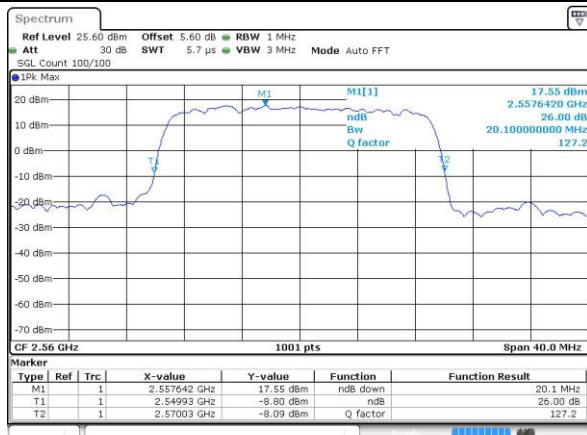
Date: 20 MAR 2017 13:00:19

Middle Channel / 20MHz / 16QAM



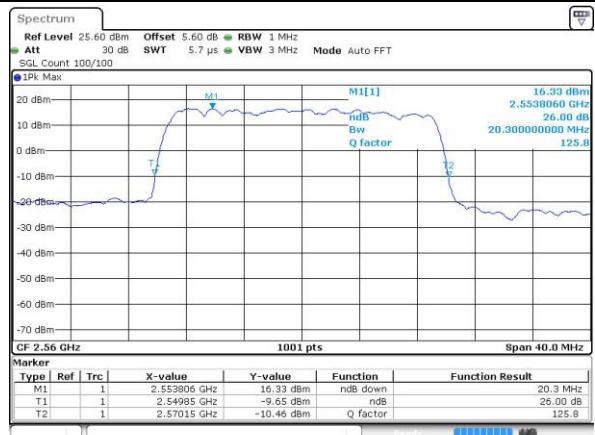
Date: 20 MAR 2017 13:00:40

Highest Channel / 20MHz / QPSK



Date: 20 MAR 2017 13:01:21

Highest Channel / 20MHz / 16QAM

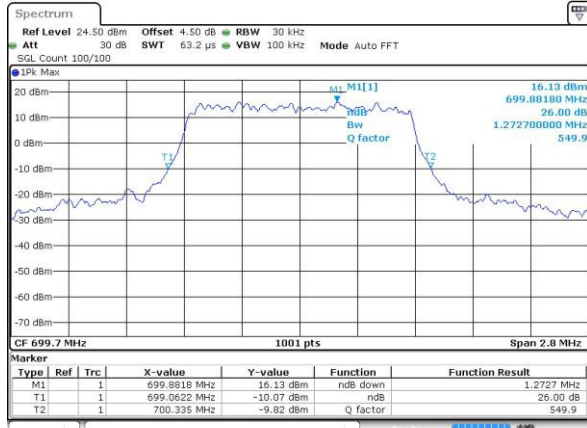


Date: 20 MAR 2017 13:01:00



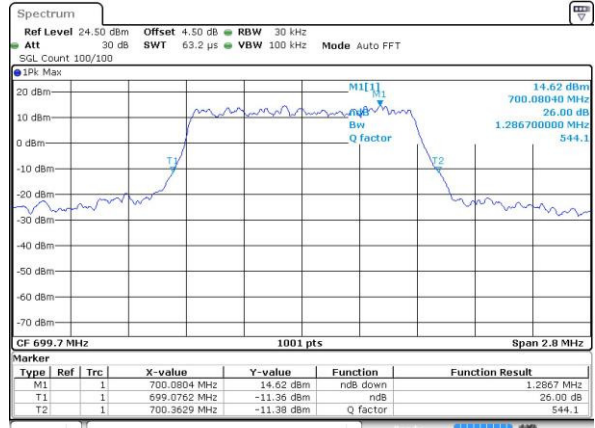
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



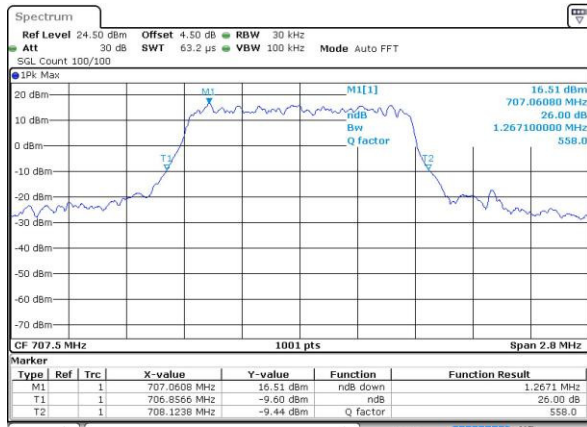
Date: 12 APR 2017 15:52:43

Lowest Channel / 1.4MHz / 16QAM



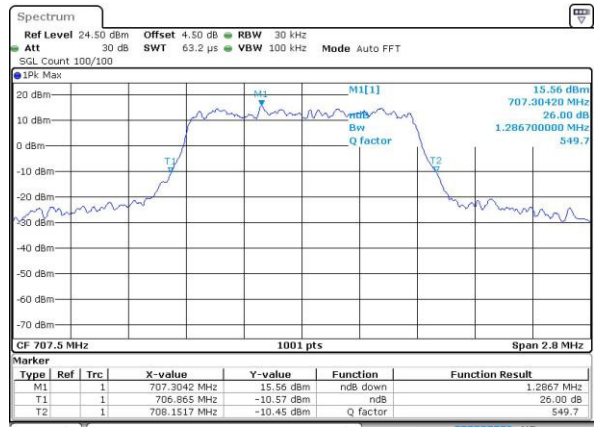
Date: 12 APR 2017 15:52:33

Middle Channel / 1.4MHz / QPSK



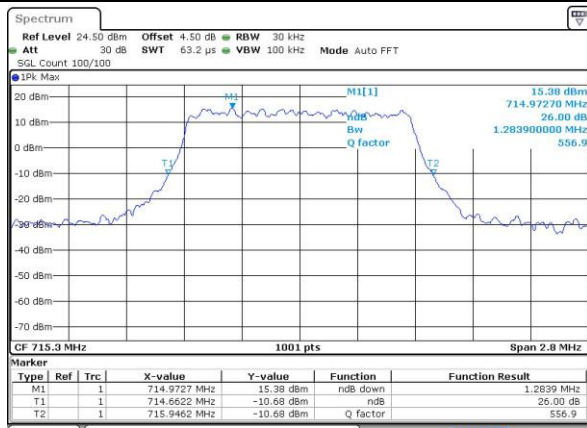
Date: 12 APR 2017 15:52:12

Middle Channel / 1.4MHz / 16QAM



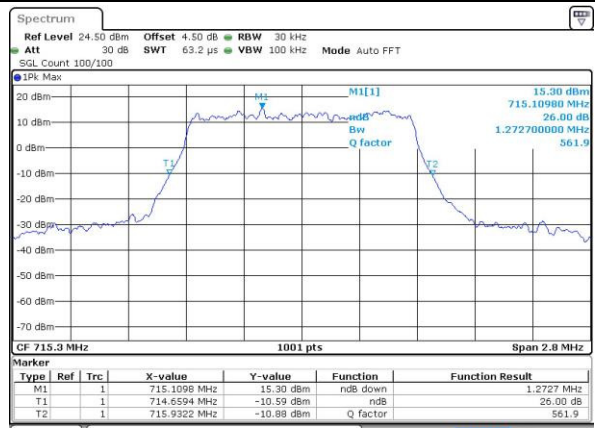
Date: 12 APR 2017 15:52:22

Highest Channel / 1.4MHz / QPSK



Date: 12 APR 2017 15:52:01

Highest Channel / 1.4MHz / 16QAM

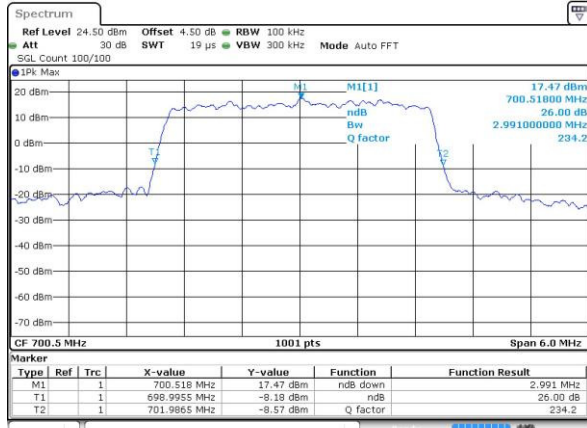


Date: 12 APR 2017 15:51:51

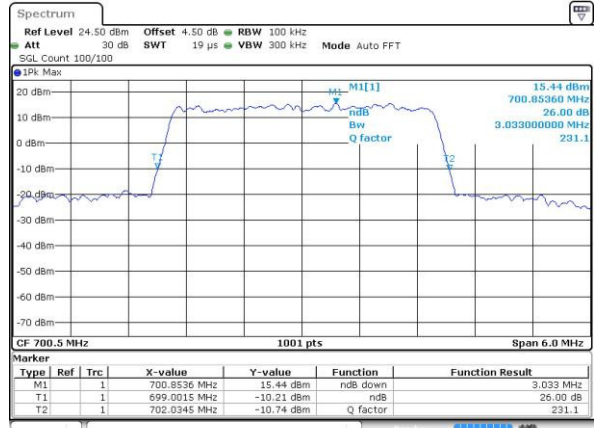


LTE Band 12

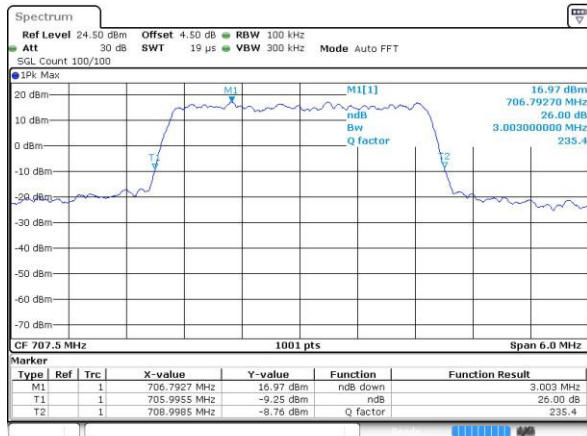
Lowest Channel / 3MHz / QPSK



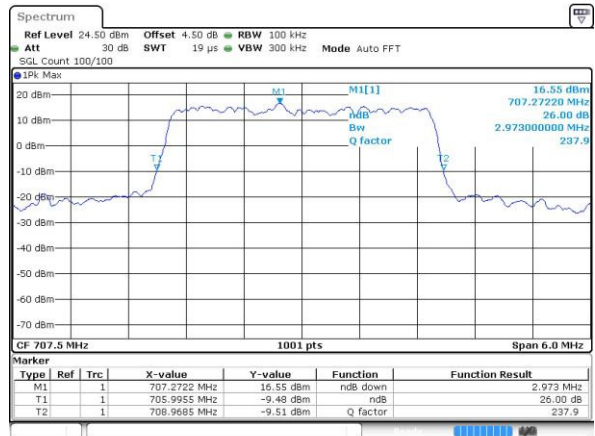
Lowest Channel / 3MHz / 16QAM



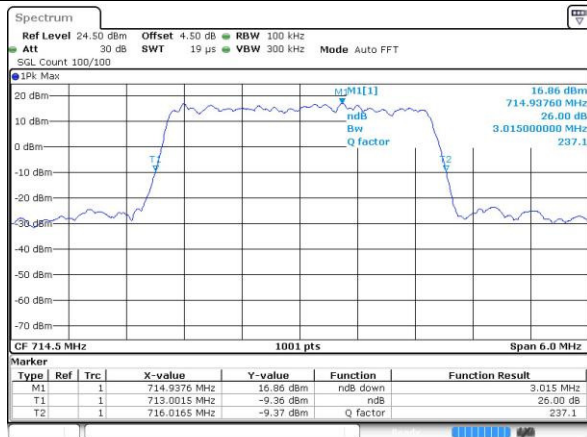
Middle Channel / 3MHz / QPSK



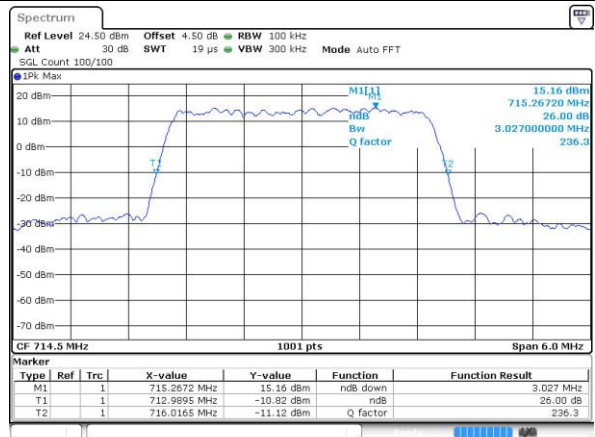
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



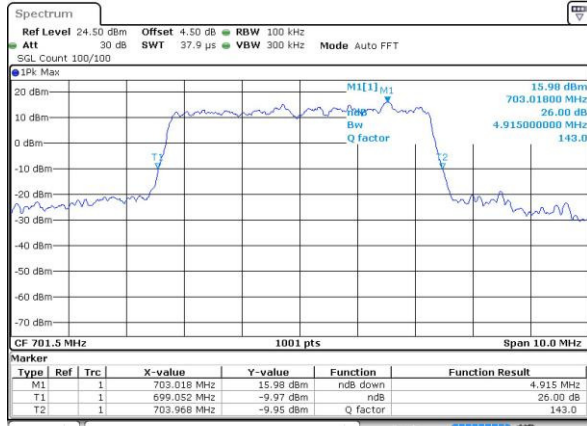
Highest Channel / 3MHz / 16QAM



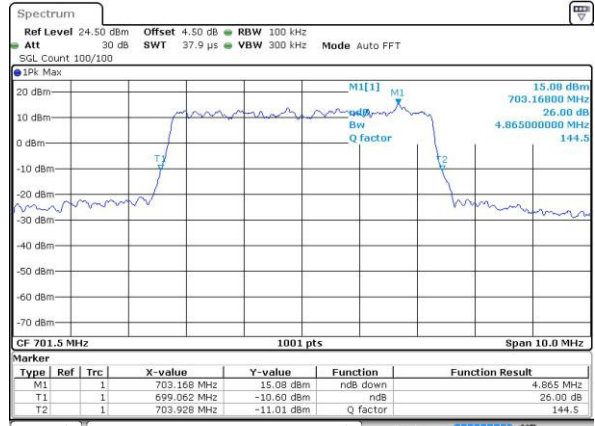


LTE Band 12

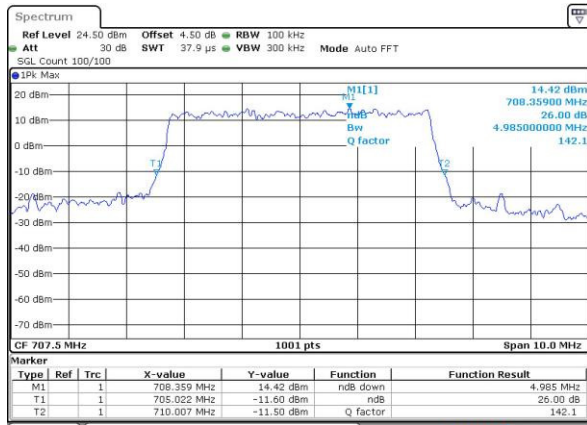
Lowest Channel / 5MHz / QPSK



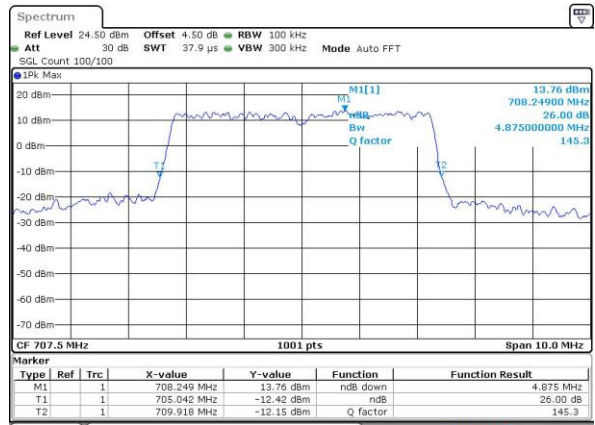
Lowest Channel / 5MHz / 16QAM



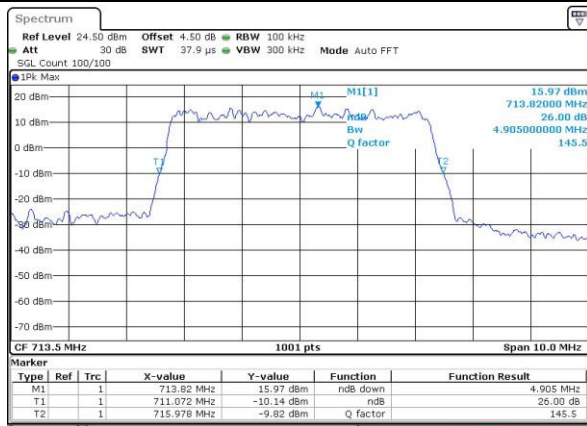
Middle Channel / 5MHz / QPSK



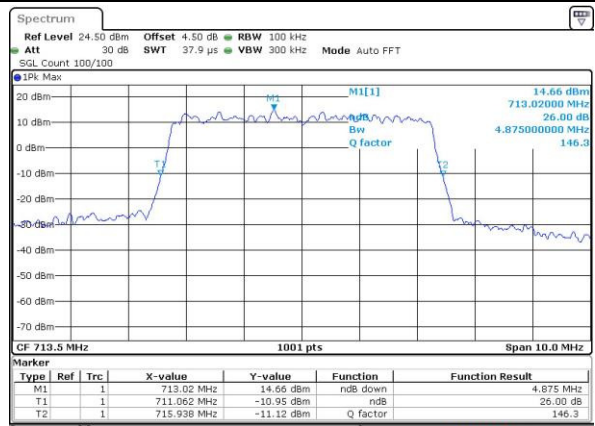
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



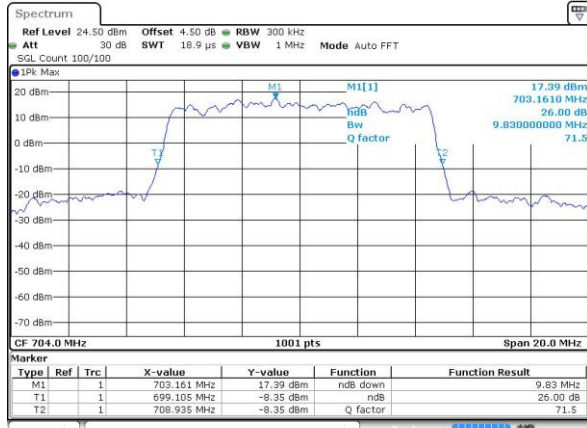
Highest Channel / 5MHz / 16QAM



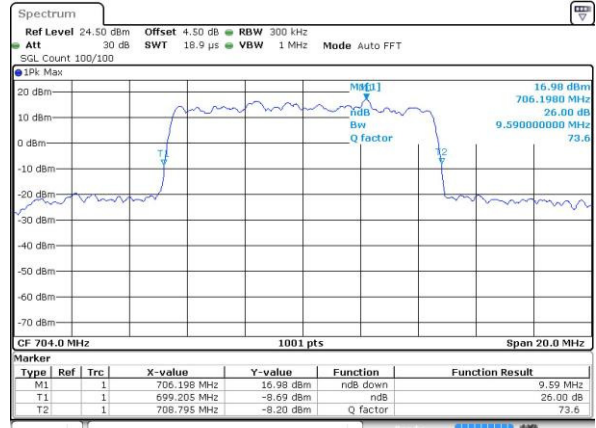


LTE Band 12

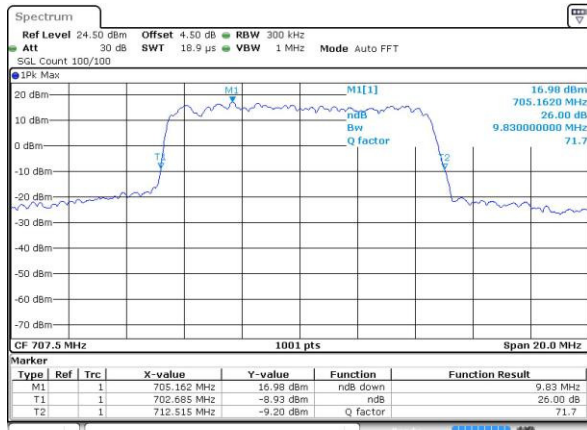
Lowest Channel / 10MHz / QPSK



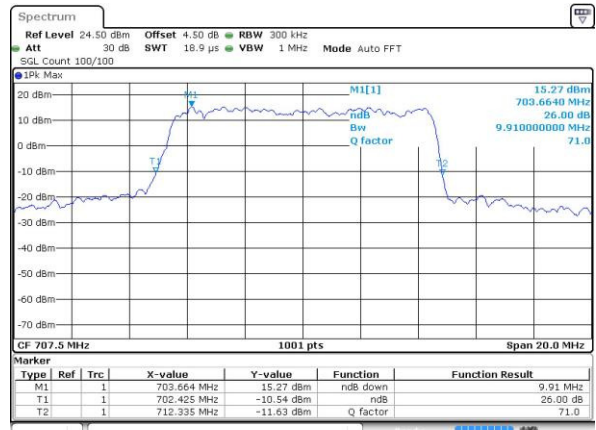
Lowest Channel / 10MHz / 16QAM



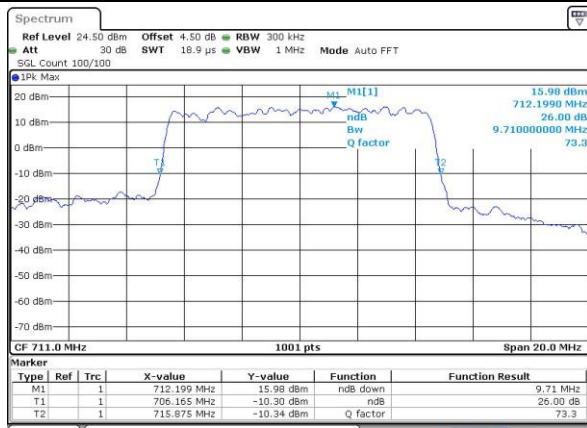
Middle Channel / 10MHz / QPSK



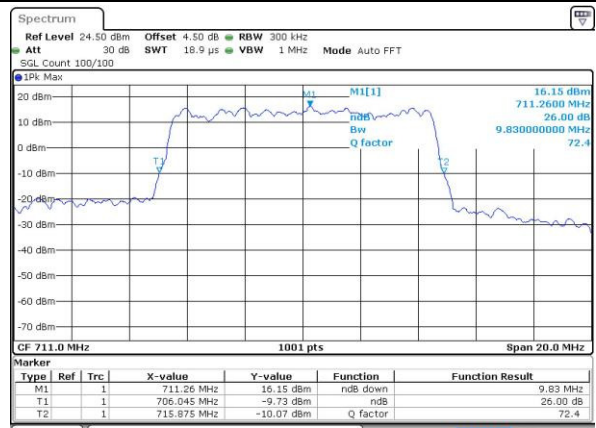
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



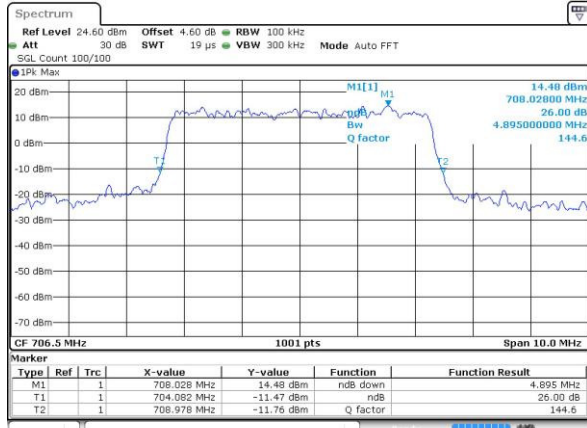
Highest Channel / 10MHz / 16QAM



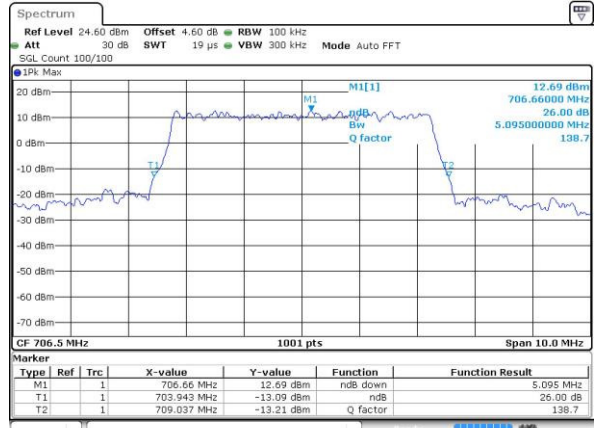


LTE Band 17

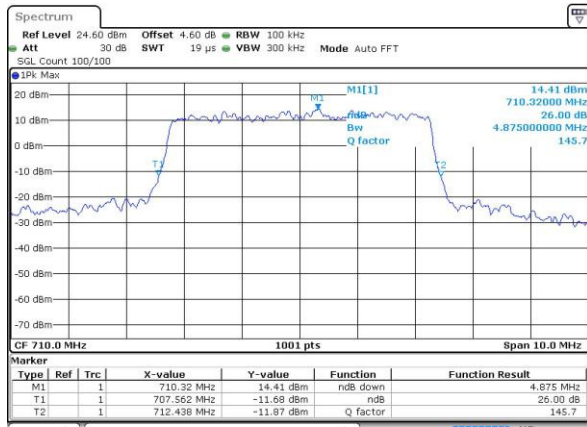
Lowest Channel / 5MHz / QPSK



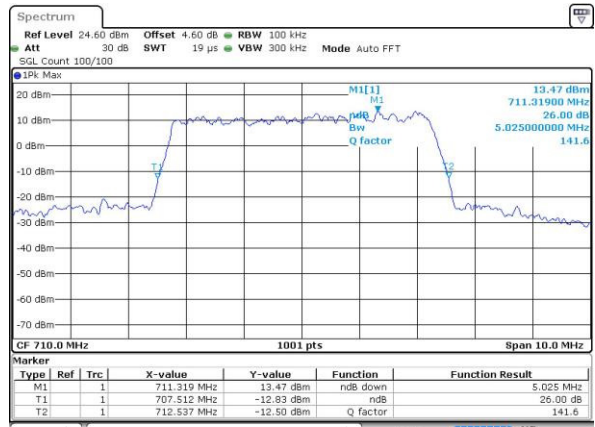
Lowest Channel / 5MHz / 16QAM



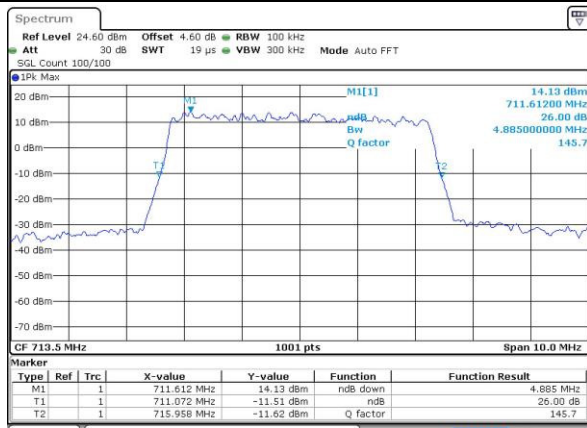
Middle Channel / 5MHz / QPSK



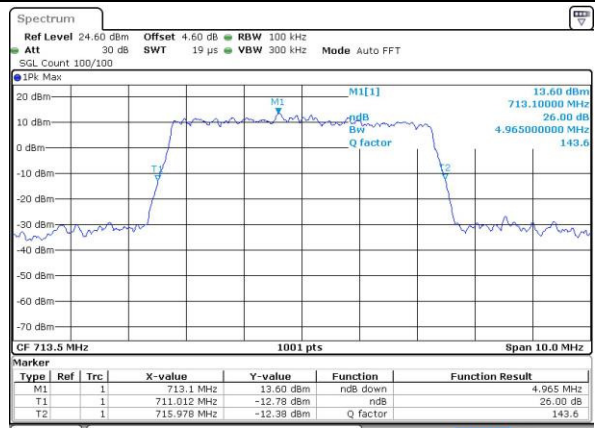
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



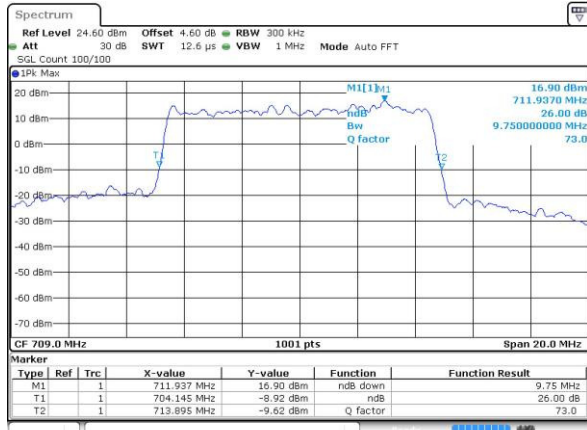
Highest Channel / 5MHz / 16QAM



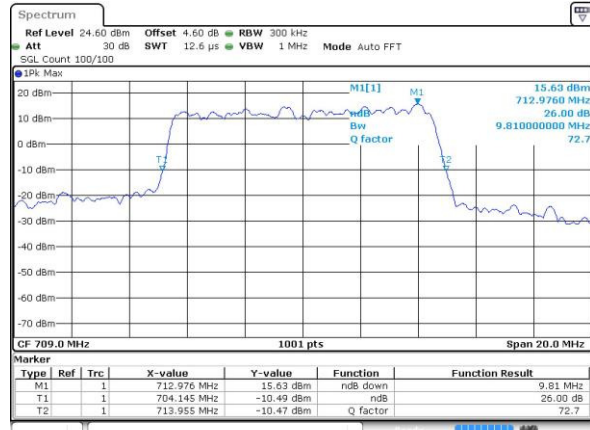


LTE Band 17

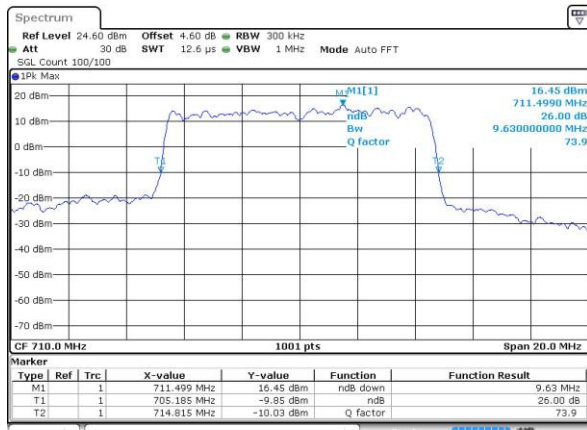
Lowest Channel / 10MHz / QPSK



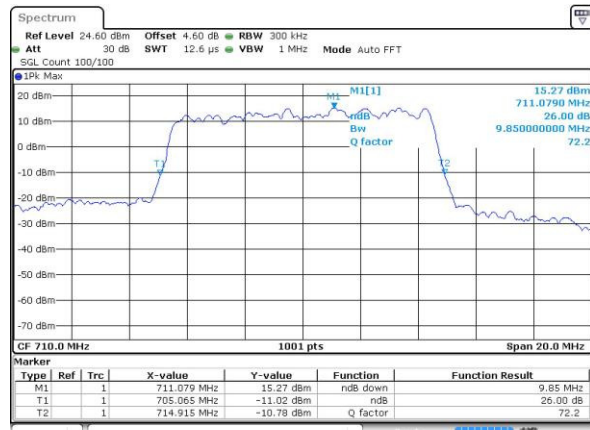
Lowest Channel / 10MHz / 16QAM



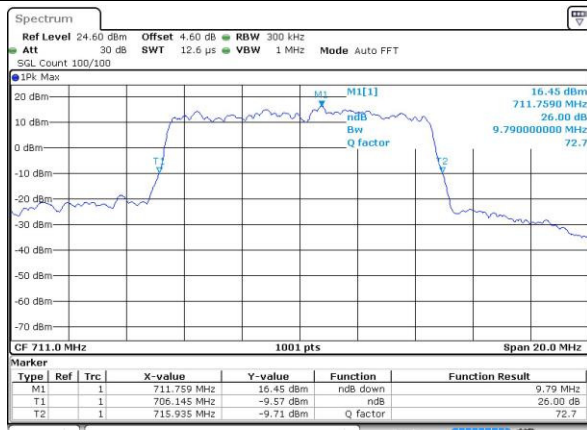
Middle Channel / 10MHz / QPSK



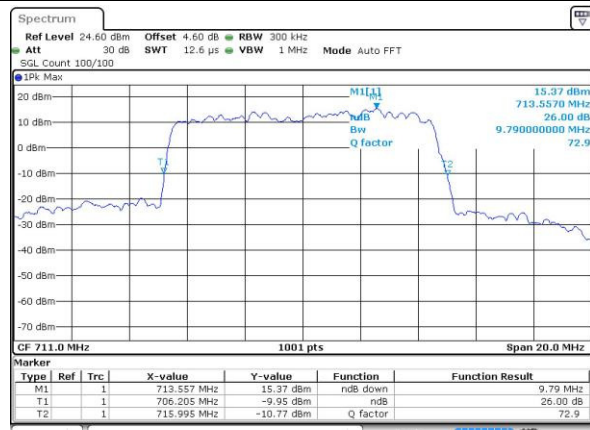
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 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	2.70	2.72	4.49	4.48	8.99	9.05	13.43	13.52	18.22	18.38
Middle CH	1.09	1.09	2.71	2.73	4.51	4.47	9.03	9.03	13.43	13.49	18.38	18.26
Highest CH	1.09	1.10	2.72	2.72	4.50	4.50	9.05	9.01	13.40	13.40	18.38	18.34

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	2.71	2.72	4.49	4.49	9.01	9.01	13.43	13.43	18.34	18.34
Middle CH	1.10	1.09	2.71	2.73	4.50	4.48	8.99	8.95	13.37	13.37	18.26	18.22
Highest CH	1.09	1.09	2.71	2.72	4.49	4.49	9.05	8.99	13.43	13.43	18.46	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	2.72	2.72	4.48	4.49	8.95	8.95	-	-	-	-
Middle CH	1.09	1.09	2.72	2.71	4.49	4.50	9.05	9.03	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.49	4.49	8.99	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	-	-	-	-	4.49	4.49	9.11	8.99	13.40	13.43	18.34	18.26
Middle CH	-	-	-	-	4.48	4.49	9.03	9.03	13.34	13.46	18.30	18.18
Highest CH	-	-	-	-	4.50	4.49	8.99	9.07	13.46	13.43	18.38	18.26



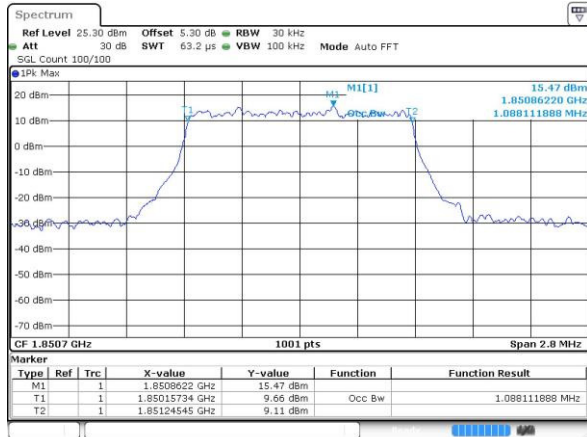
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.50	4.52	8.97	8.99	-	-	-	-
Middle CH	1.09	1.09	2.71	2.73	4.49	4.50	8.99	9.03	-	-	-	-
Highest CH	1.09	1.09	2.74	2.71	4.49	4.48	9.01	8.95	-	-	-	-

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	-	-	-	-	4.49	4.51	9.05	9.05	-	-	-	-
Middle CH	-	-	-	-	4.48	4.49	8.99	9.05	-	-	-	-
Highest CH	-	-	-	-	4.48	4.50	9.03	8.97	-	-	-	-

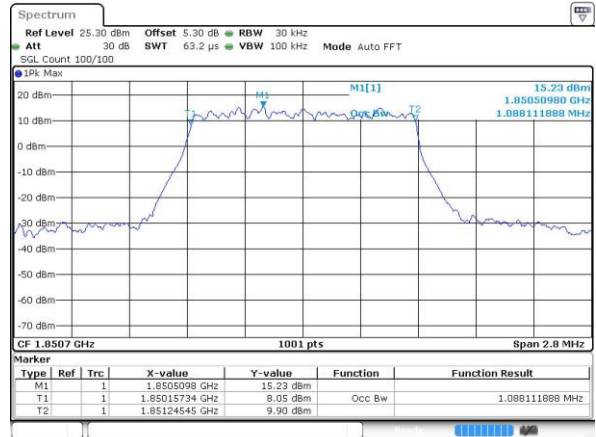


LTE Band 2

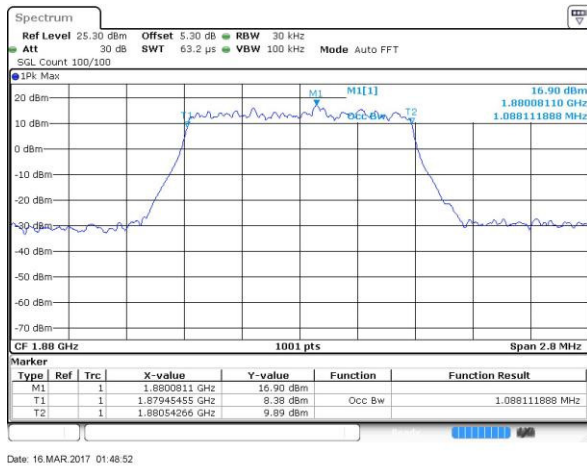
Lowest Channel / 1.4MHz / QPSK



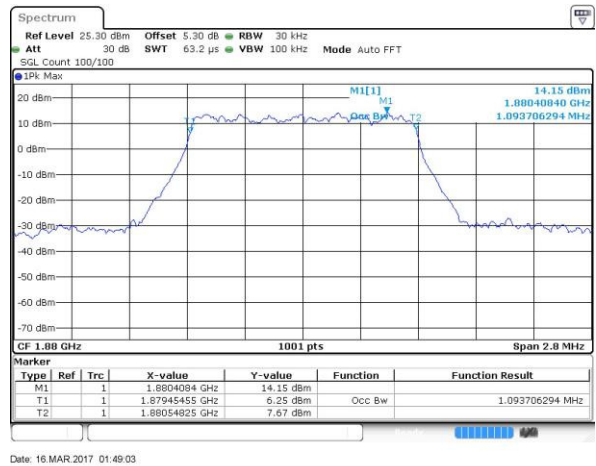
Lowest Channel / 1.4MHz / 16QAM



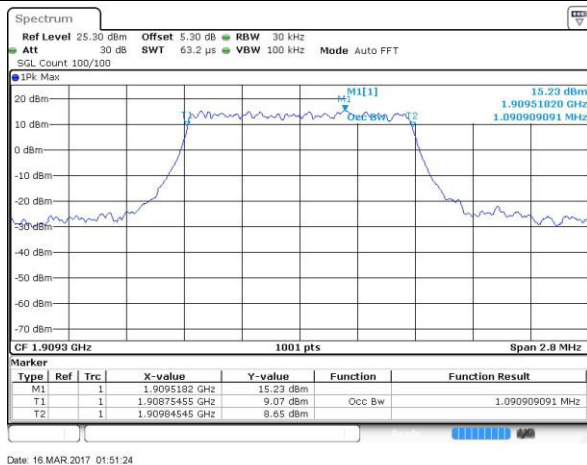
Middle Channel / 1.4MHz / QPSK



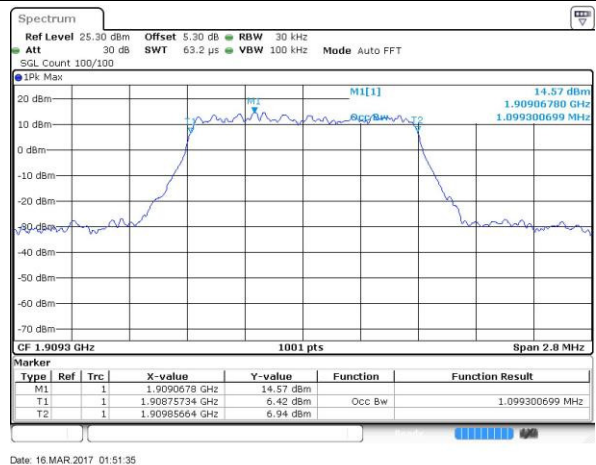
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



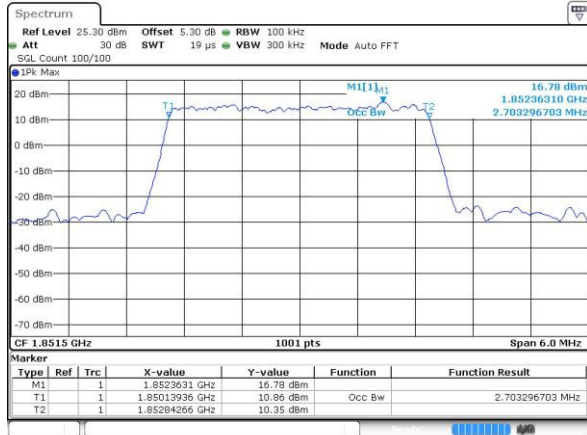
Highest Channel / 1.4MHz / 16QAM



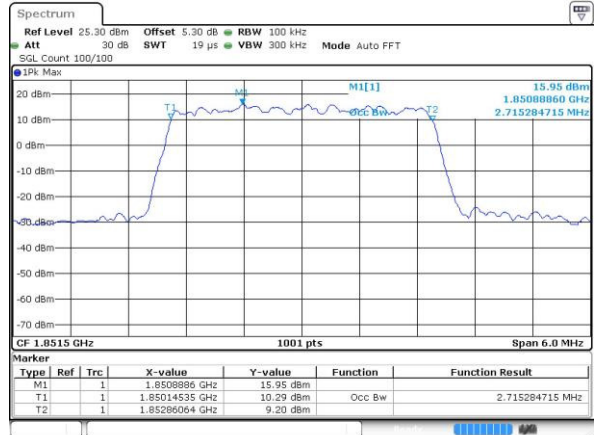


LTE Band 2

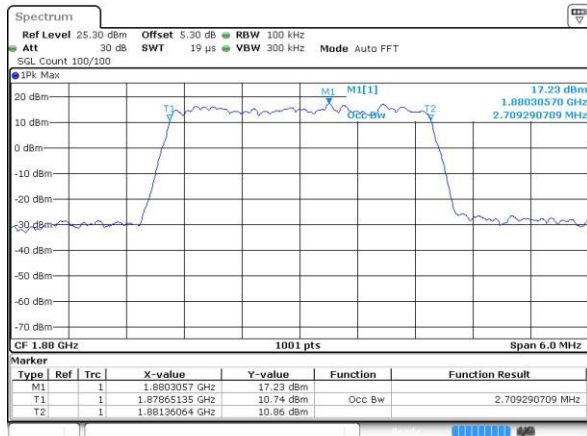
Lowest Channel / 3MHz / QPSK



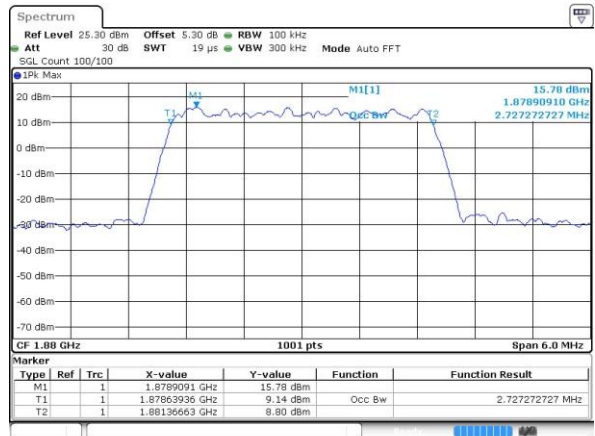
Lowest Channel / 3MHz / 16QAM



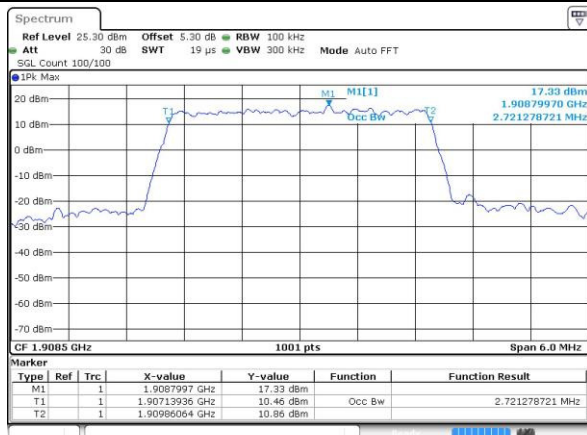
Middle Channel / 3MHz / QPSK



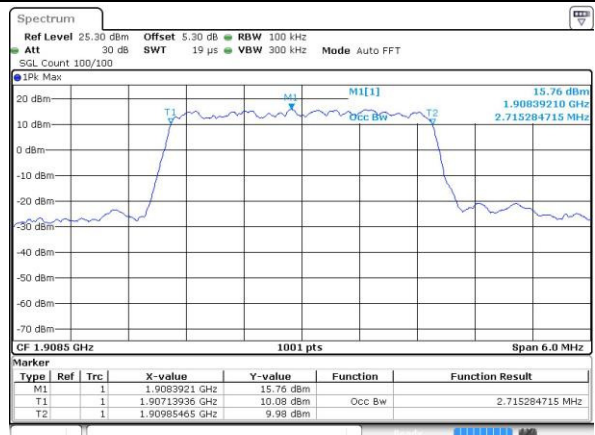
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



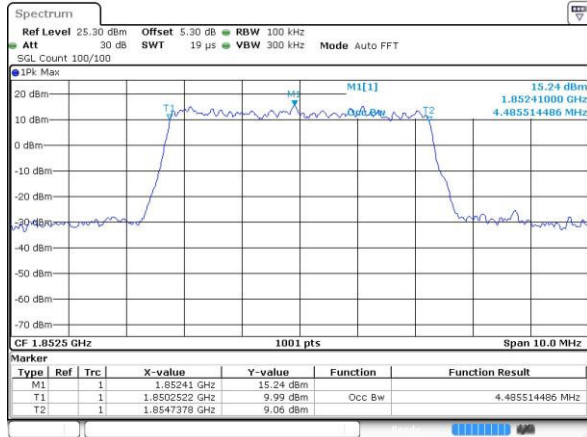
Highest Channel / 3MHz / 16QAM





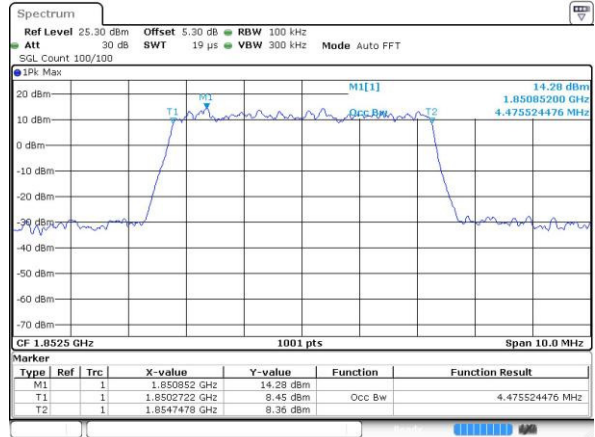
LTE Band 2

Lowest Channel / 5MHz / QPSK



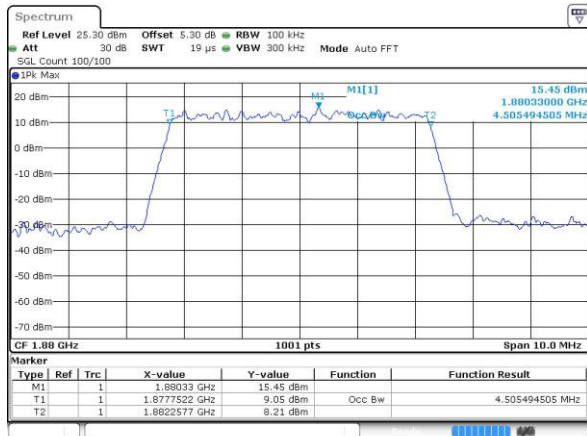
Date: 16 MAR 2017 02:15:06

Lowest Channel / 5MHz / 16QAM



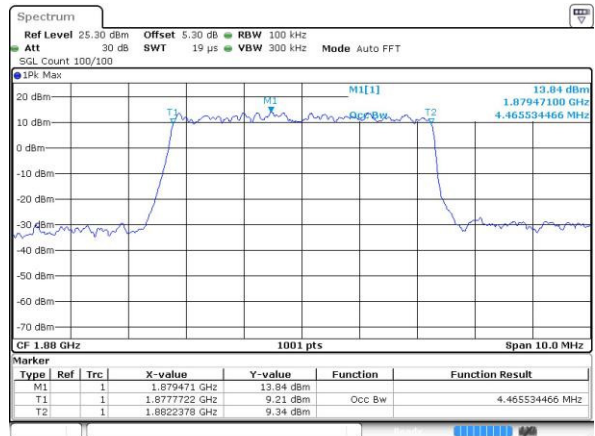
Date: 16 MAR 2017 02:15:16

Middle Channel / 5MHz / QPSK



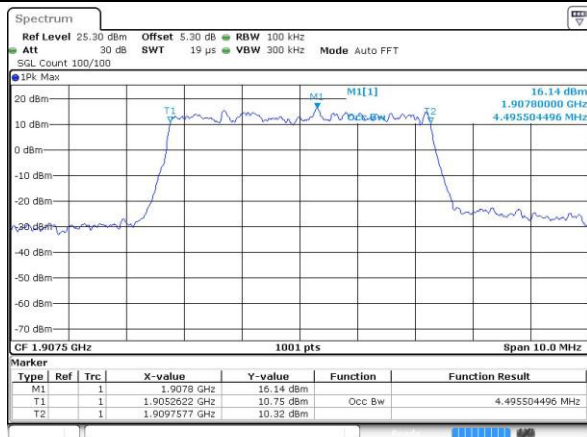
Date: 16 MAR 2017 02:22:09

Middle Channel / 5MHz / 16QAM



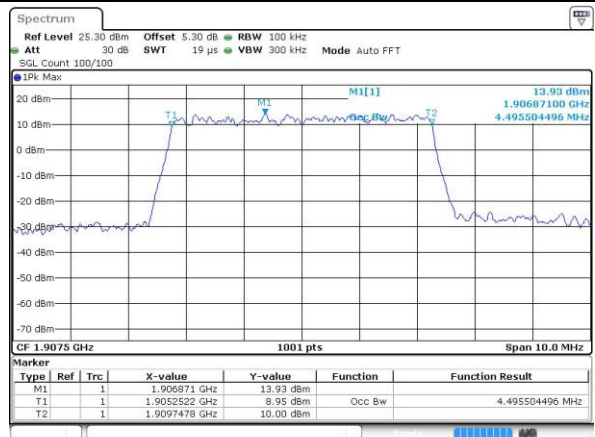
Date: 16 MAR 2017 02:22:19

Highest Channel / 5MHz / QPSK



Date: 16 MAR 2017 02:24:41

Highest Channel / 5MHz / 16QAM

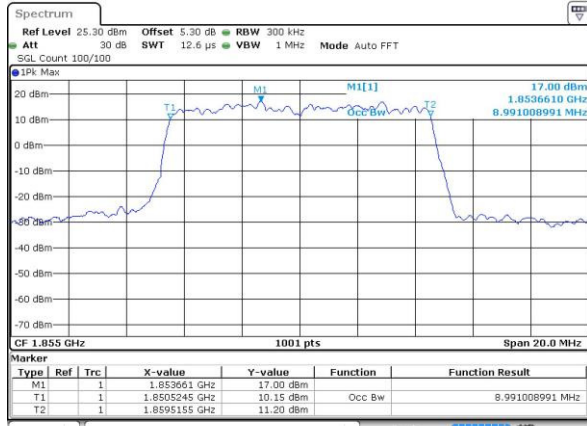


Date: 16 MAR 2017 02:24:51



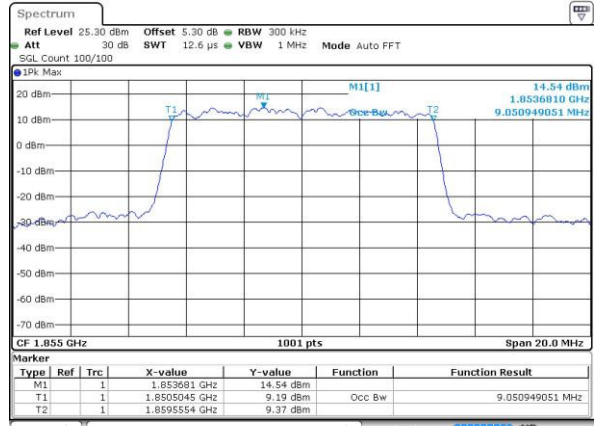
LTE Band 2

Lowest Channel / 10MHz / QPSK



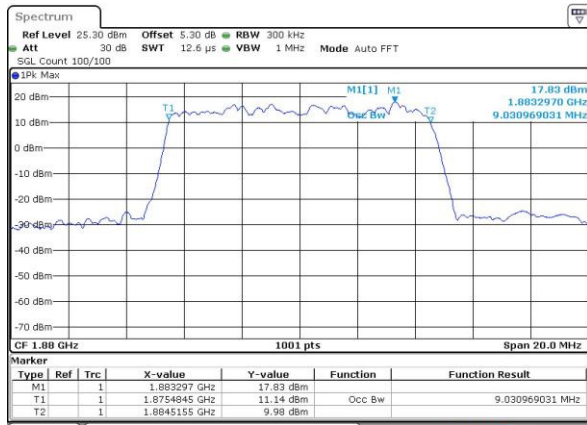
Date: 16 MAR 2017 02:31:44

Lowest Channel / 10MHz / 16QAM



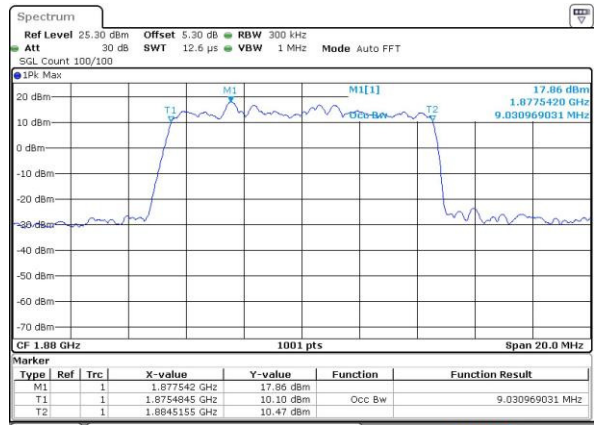
Date: 16 MAR 2017 02:31:55

Middle Channel / 10MHz / QPSK



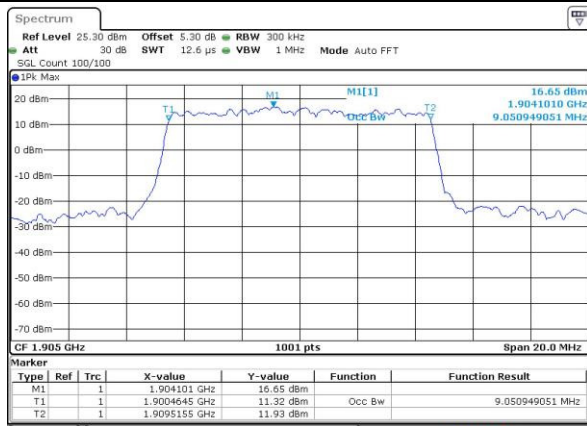
Date: 16 MAR 2017 02:38:47

Middle Channel / 10MHz / 16QAM



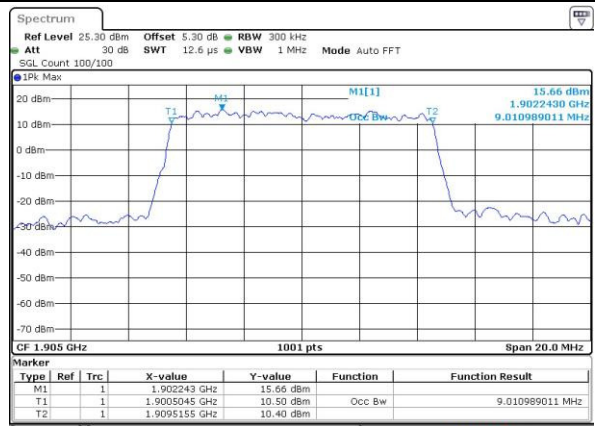
Date: 16 MAR 2017 02:38:58

Highest Channel / 10MHz / QPSK



Date: 16 MAR 2017 02:41:19

Highest Channel / 10MHz / 16QAM

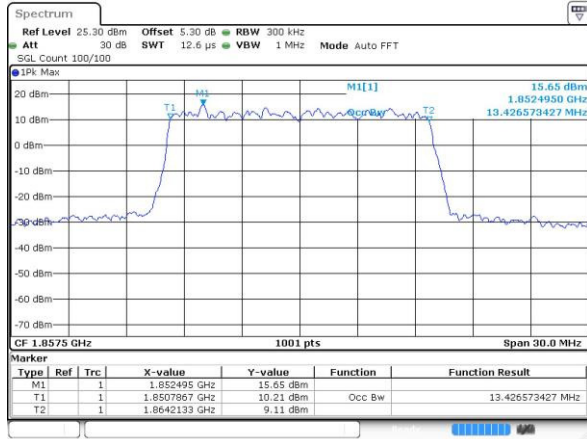


Date: 16 MAR 2017 02:41:29

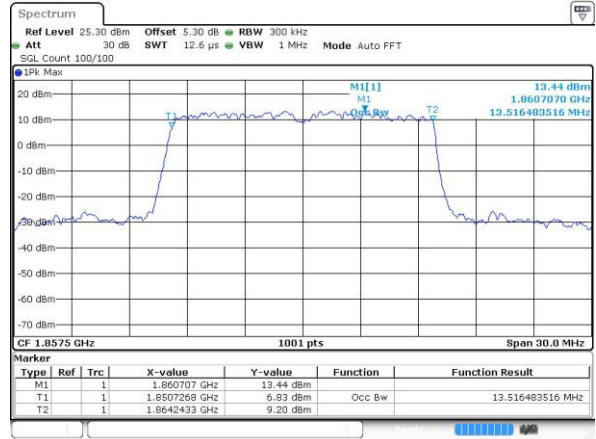


LTE Band 2

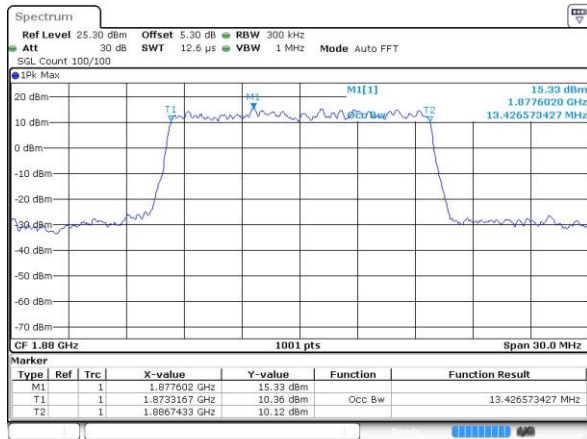
Lowest Channel / 15MHz / QPSK



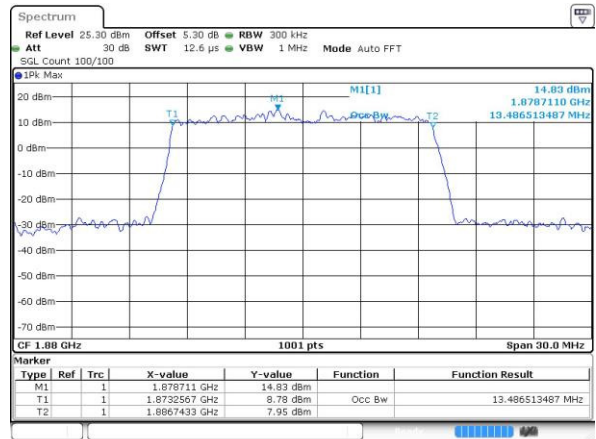
Lowest Channel / 15MHz / 16QAM



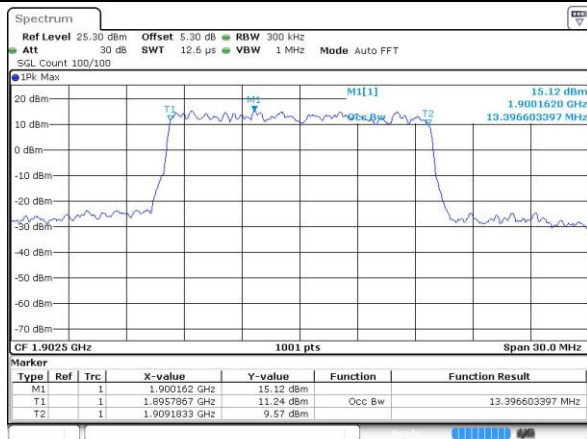
Middle Channel / 15MHz / QPSK



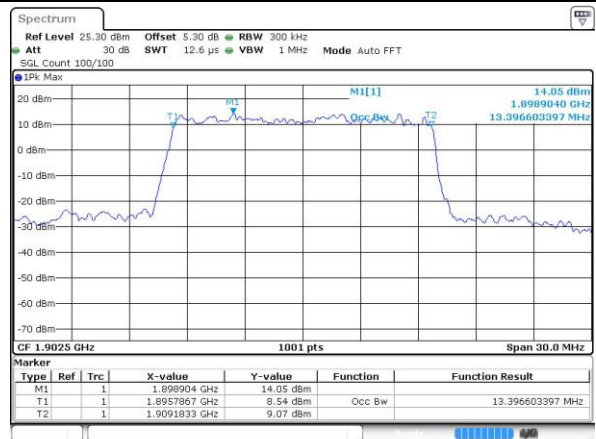
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



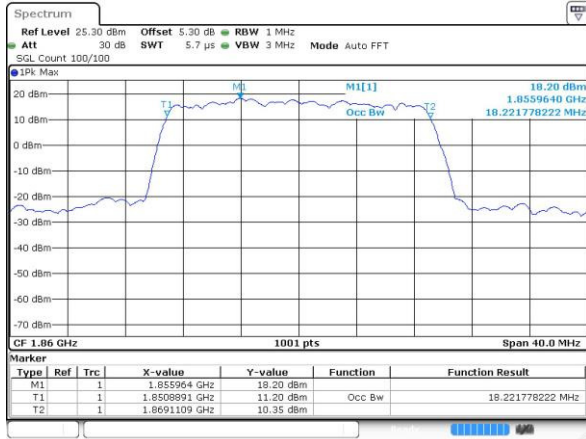
Highest Channel / 15MHz / 16QAM



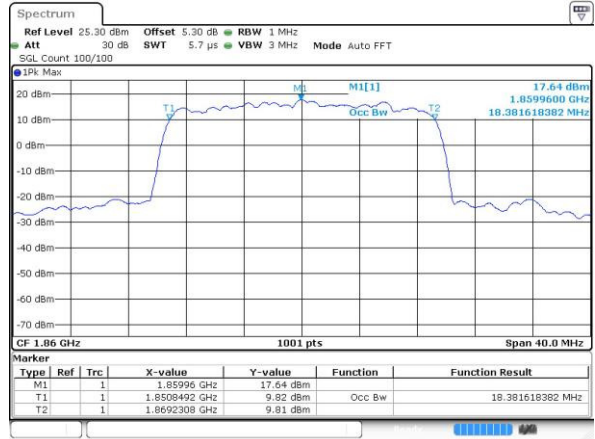


LTE Band 2

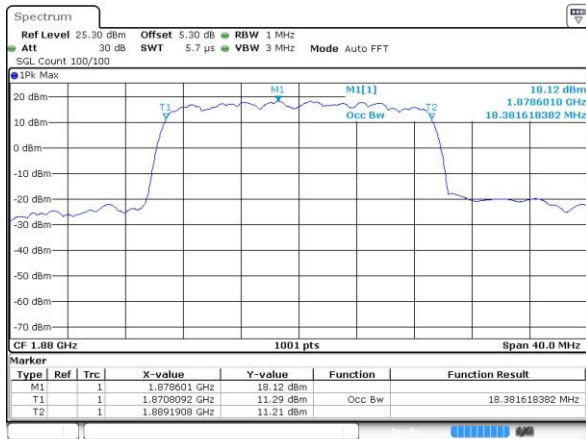
Lowest Channel / 20MHz / QPSK



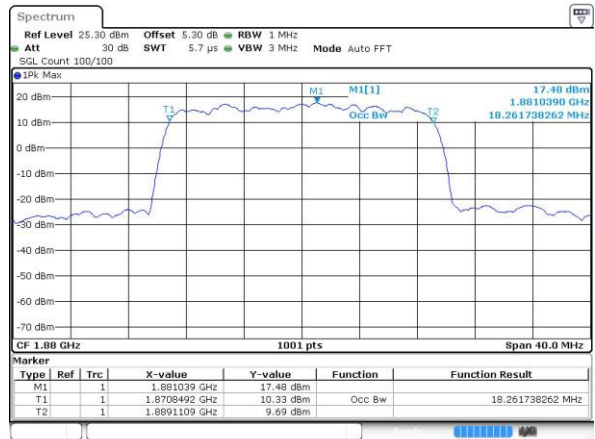
Lowest Channel / 20MHz / 16QAM



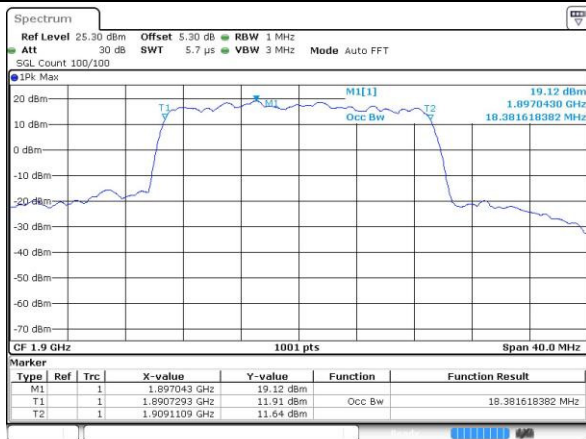
Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

