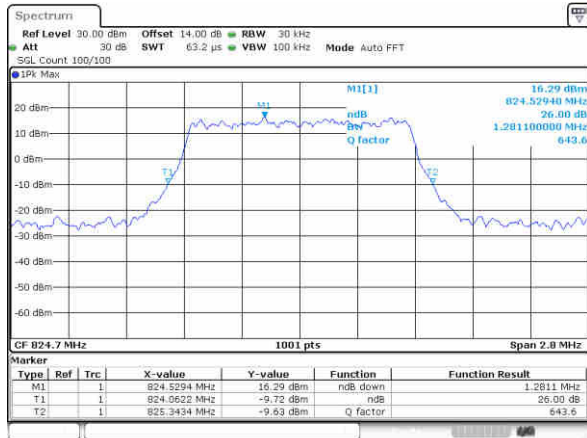


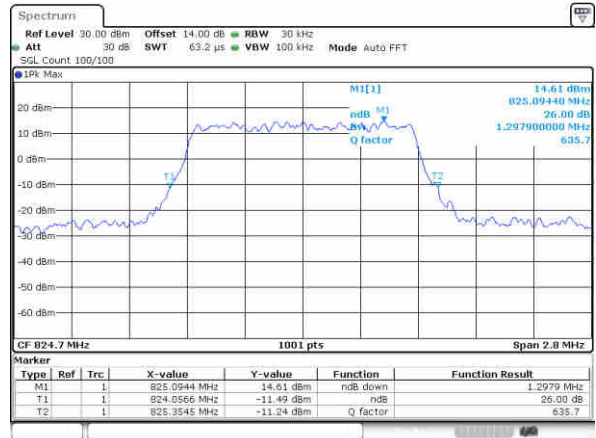


LTE Band 5

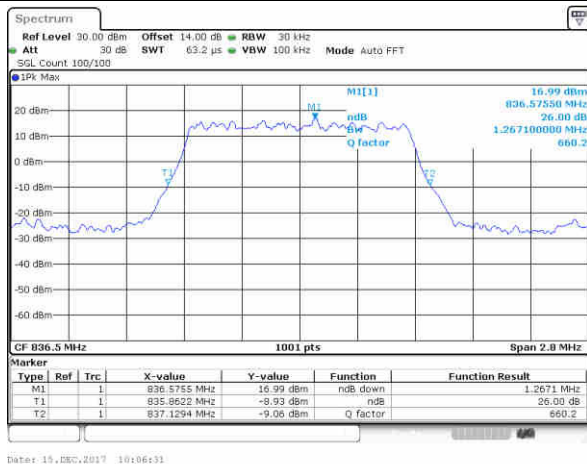
Lowest Channel / 1.4MHz / QPSK



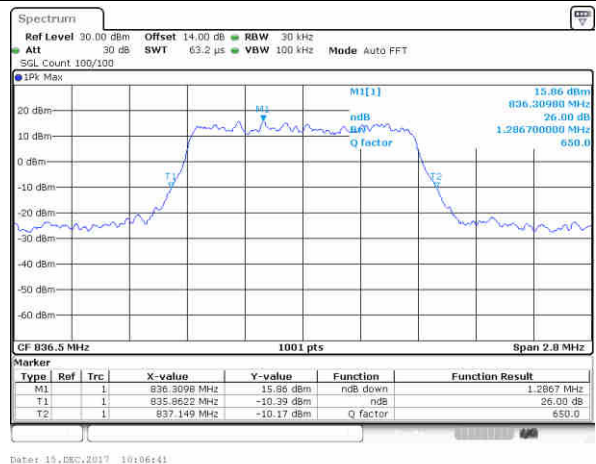
Lowest Channel / 1.4MHz / 16QAM



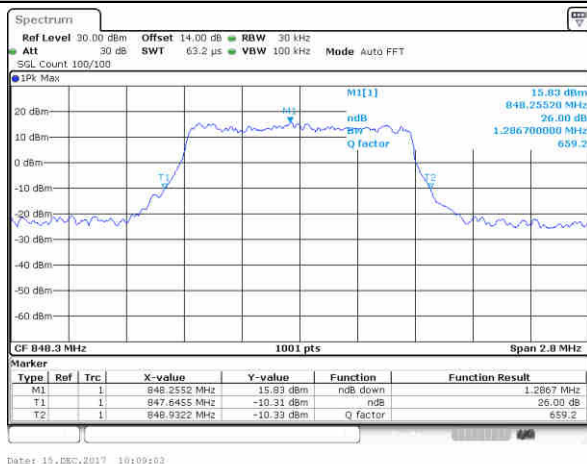
Middle Channel / 1.4MHz / QPSK



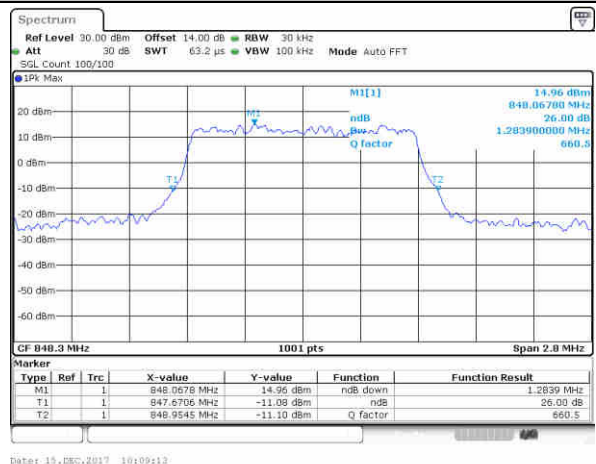
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



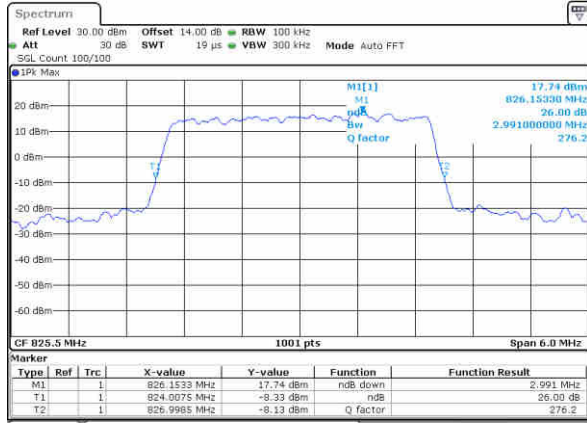
Highest Channel / 1.4MHz / 16QAM



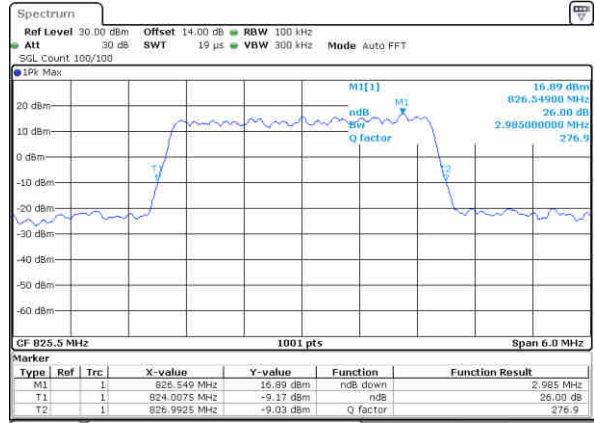


LTE Band 5

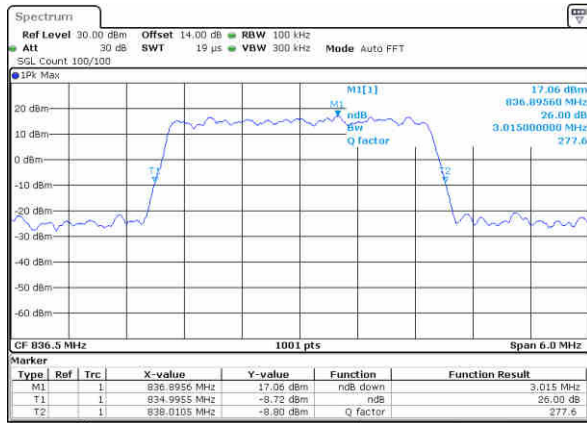
Lowest Channel / 3MHz / QPSK



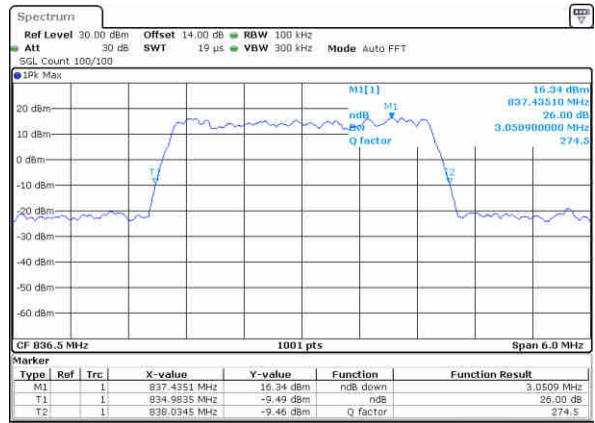
Lowest Channel / 3MHz / 16QAM



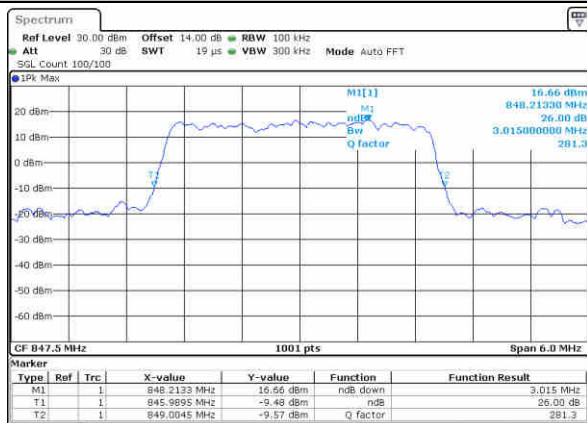
Middle Channel / 3MHz / QPSK



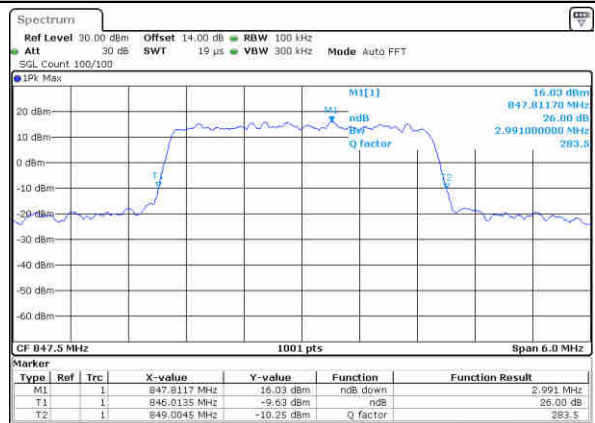
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



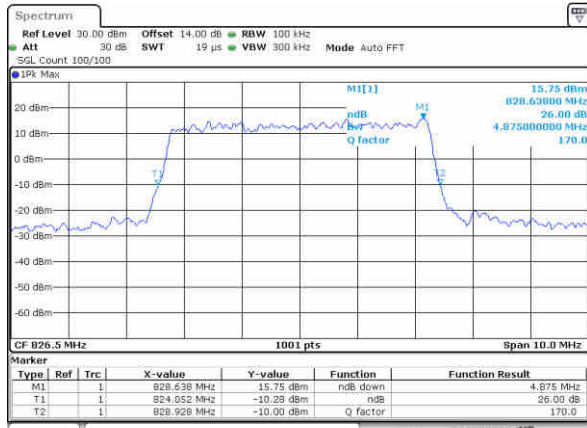
Highest Channel / 3MHz / 16QAM



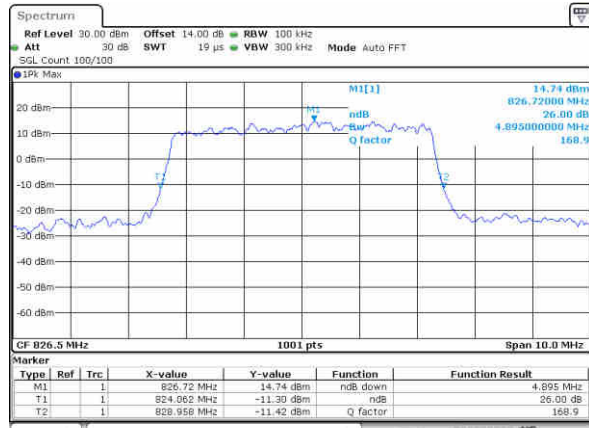


LTE Band 5

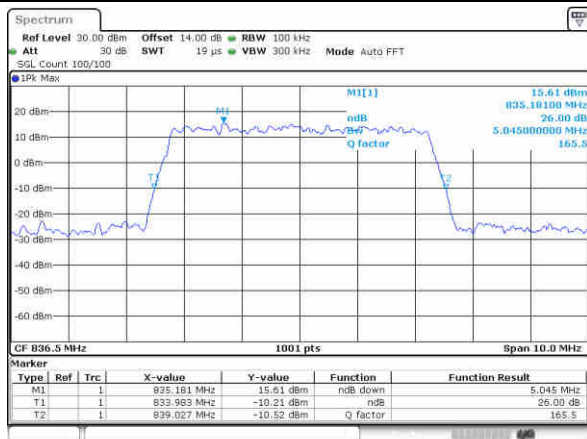
Lowest Channel / 5MHz / QPSK



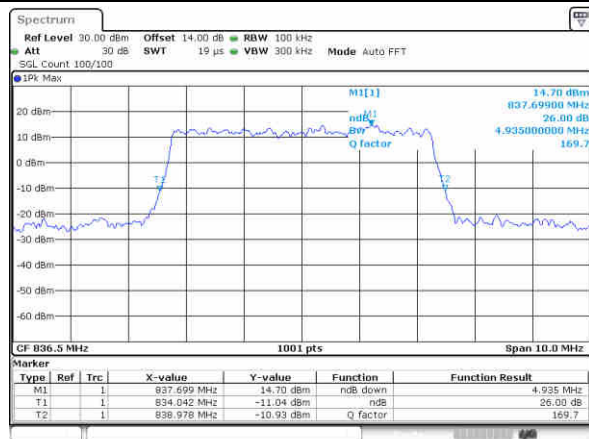
Lowest Channel / 5MHz / 16QAM



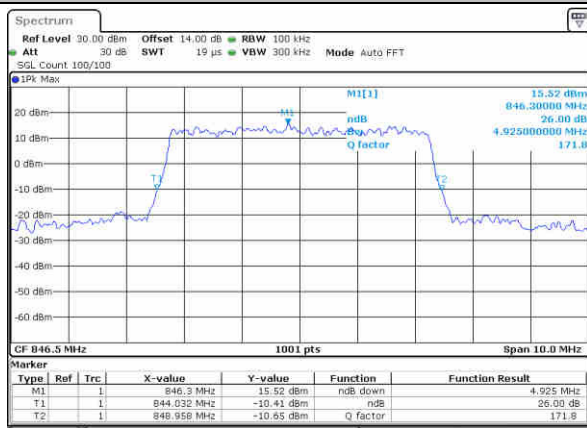
Middle Channel / 5MHz / QPSK



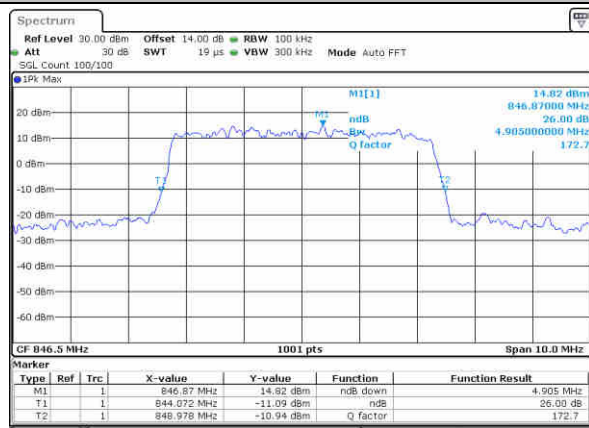
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



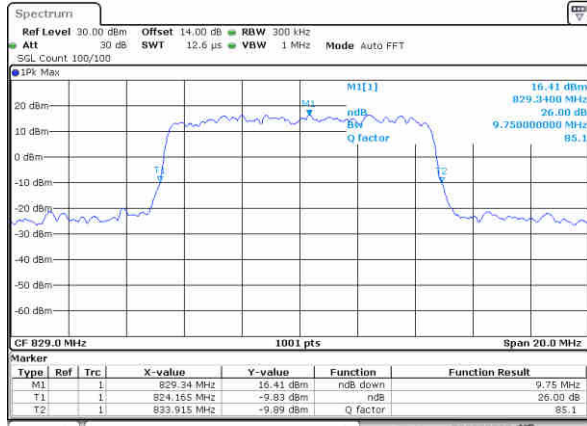
Highest Channel / 5MHz / 16QAM



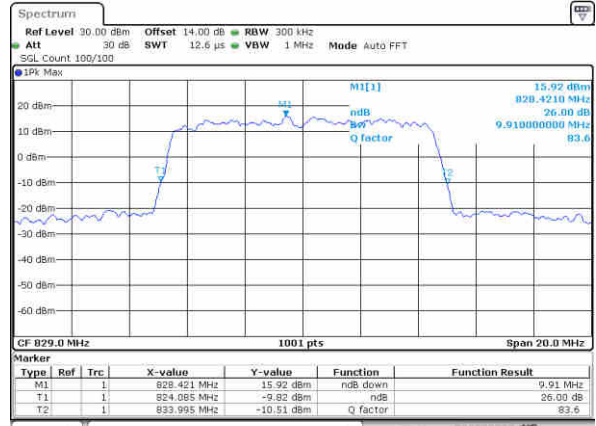


LTE Band 5

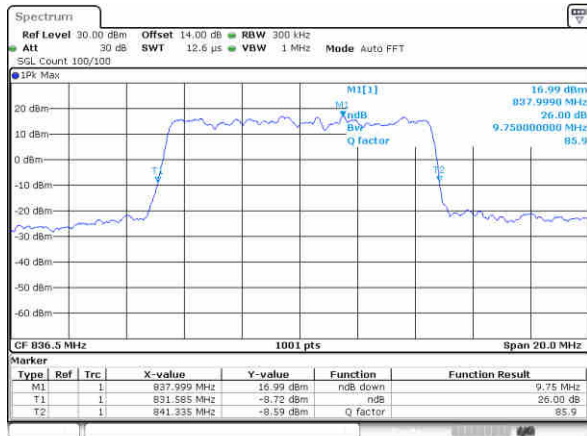
Lowest Channel / 10MHz / QPSK



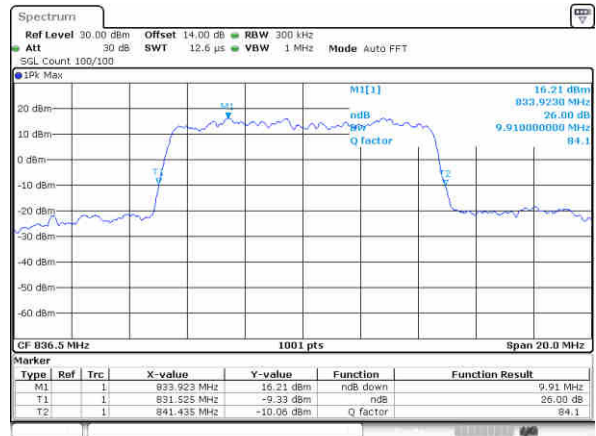
Lowest Channel / 10MHz / 16QAM



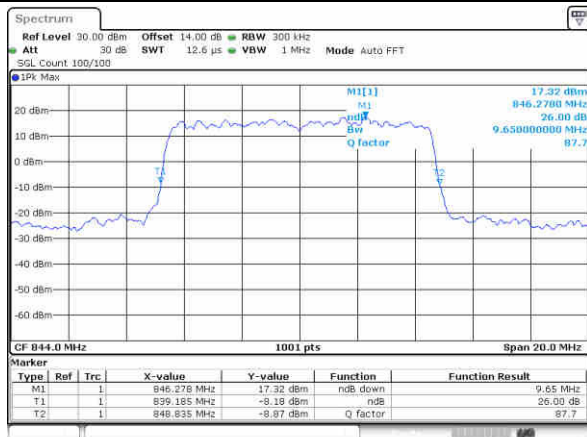
Middle Channel / 10MHz / QPSK



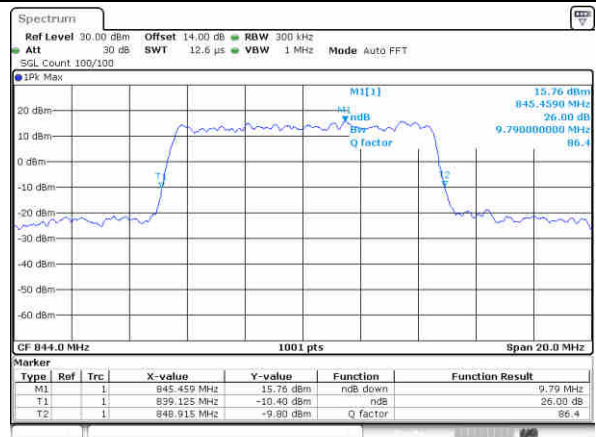
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



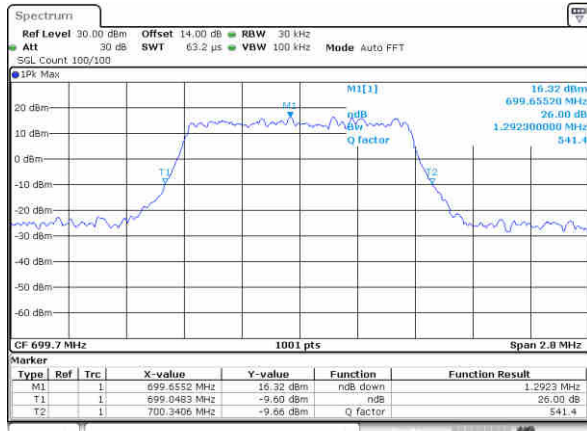
Highest Channel / 10MHz / 16QAM





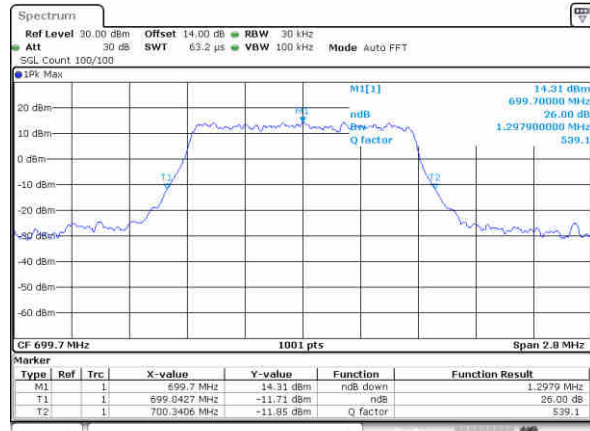
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



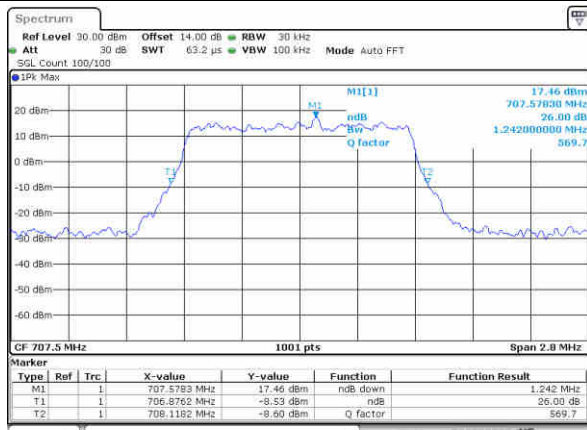
Date: 15, DEC, 2017 14:32:04

Lowest Channel / 1.4MHz / 16QAM



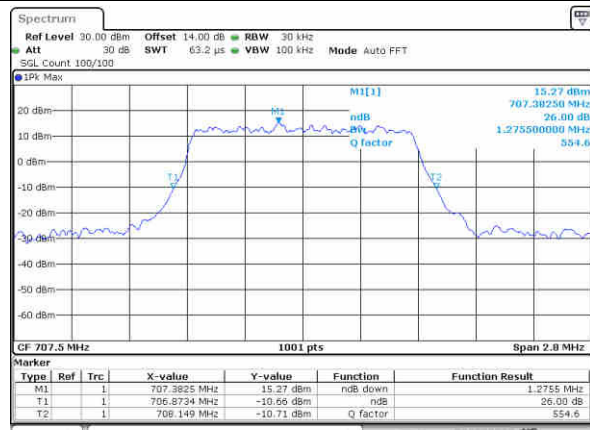
Date: 15, DEC, 2017 14:31:54

Middle Channel / 1.4MHz / QPSK



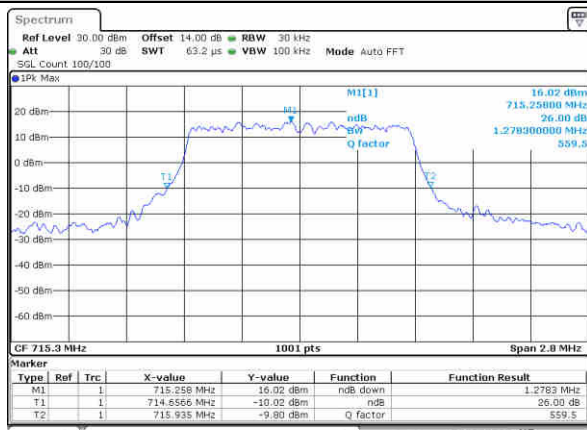
Date: 15, DEC, 2017 14:39:02

Middle Channel / 1.4MHz / 16QAM



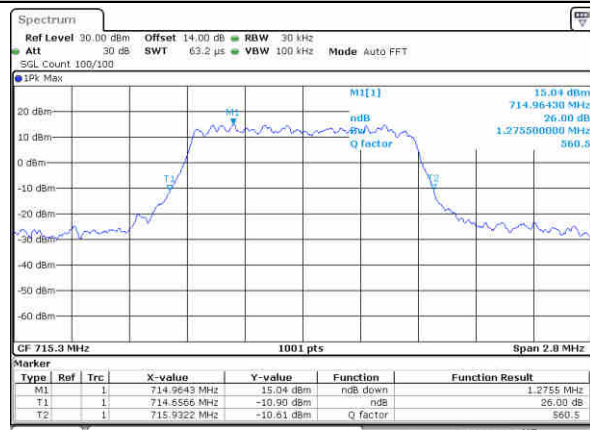
Date: 15, DEC, 2017 14:39:12

Highest Channel / 1.4MHz / QPSK



Date: 15, DEC, 2017 14:41:34

Highest Channel / 1.4MHz / 16QAM

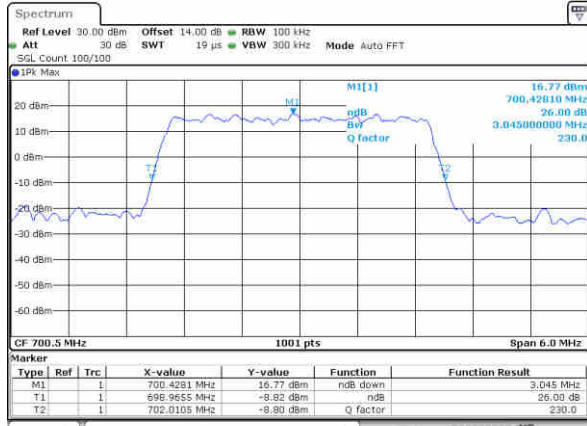


Date: 15, DEC, 2017 14:41:44

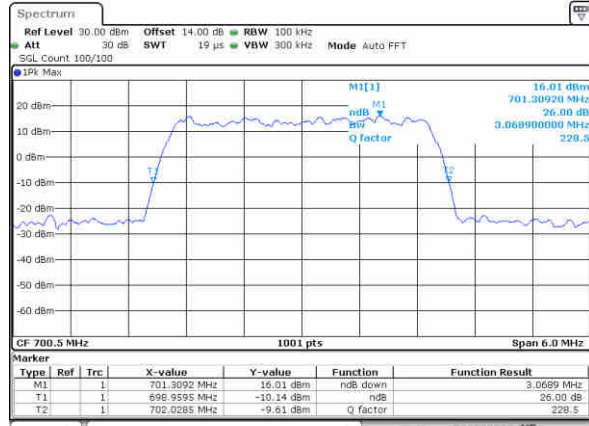


LTE Band 12

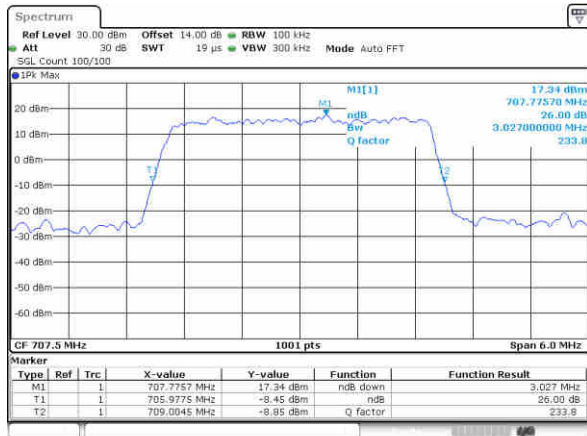
Lowest Channel / 3MHz / QPSK



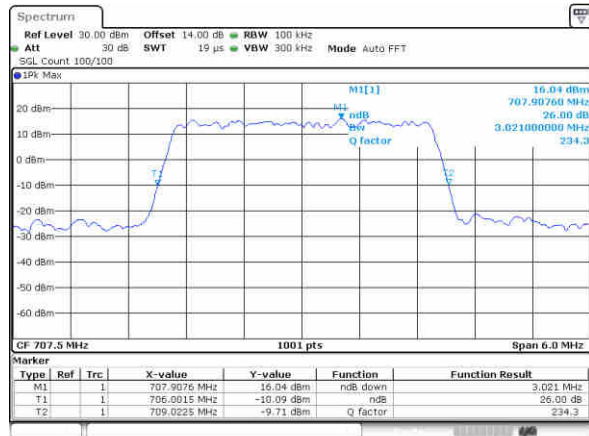
Lowest Channel / 3MHz / 16QAM



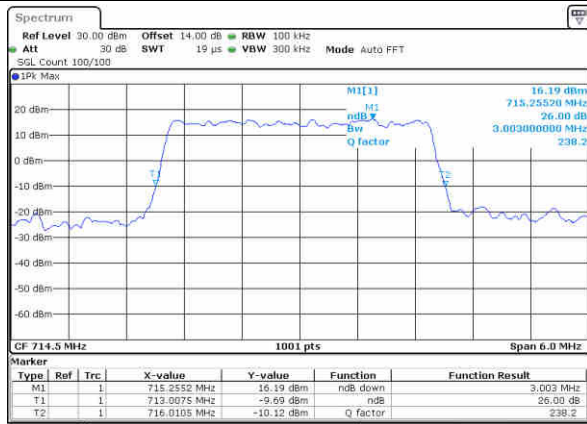
Middle Channel / 3MHz / QPSK



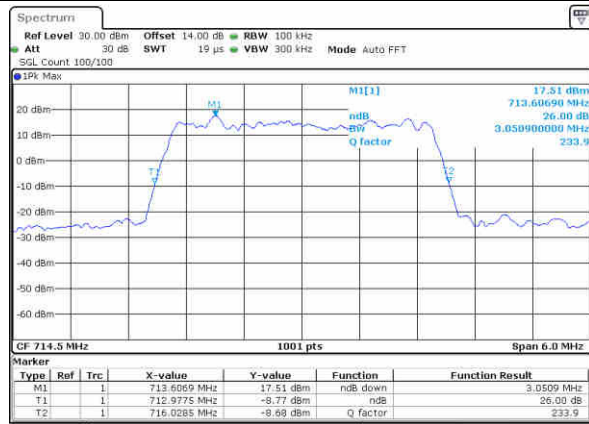
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



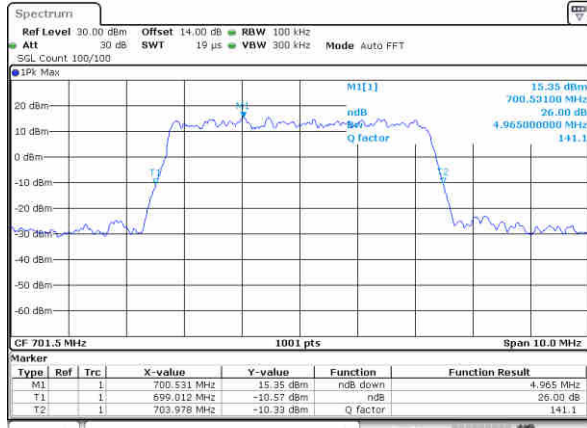
Highest Channel / 3MHz / 16QAM



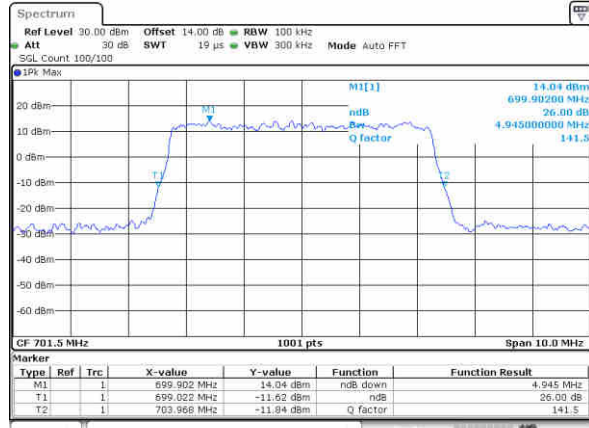


LTE Band 12

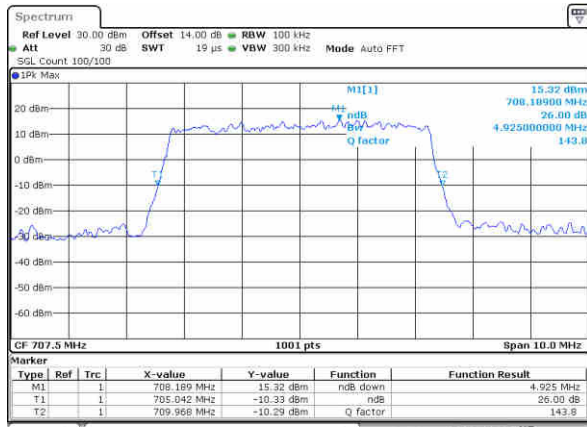
Lowest Channel / 5MHz / QPSK



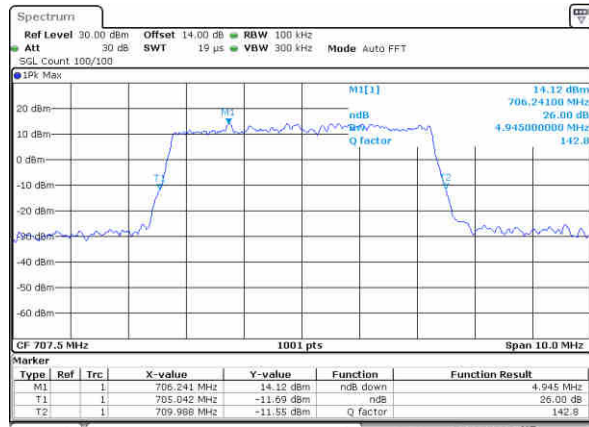
Lowest Channel / 5MHz / 16QAM



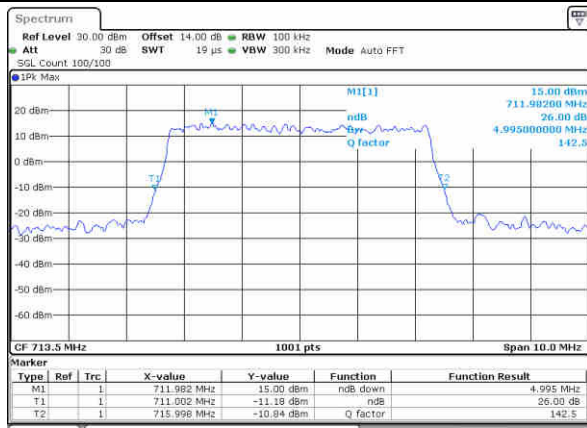
Middle Channel / 5MHz / QPSK



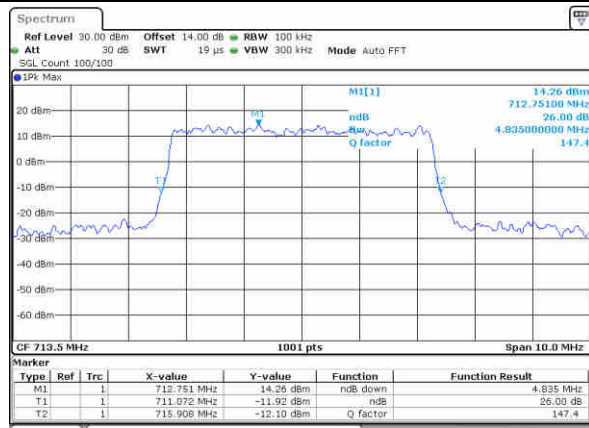
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



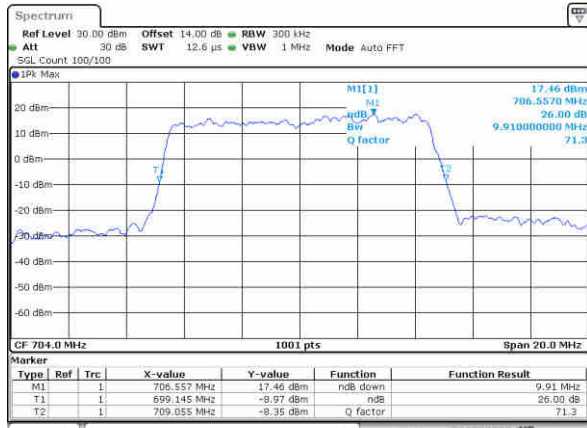
Highest Channel / 5MHz / 16QAM



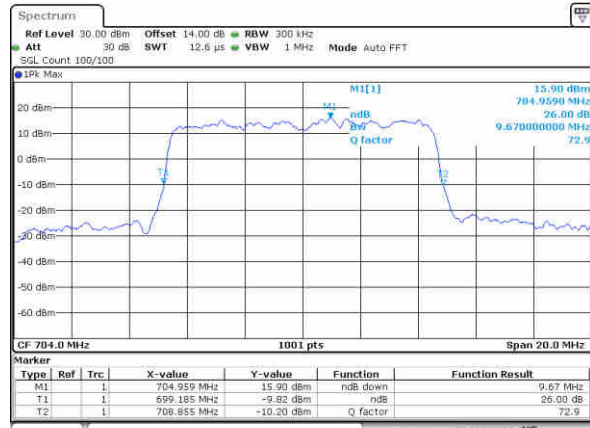


LTE Band 12

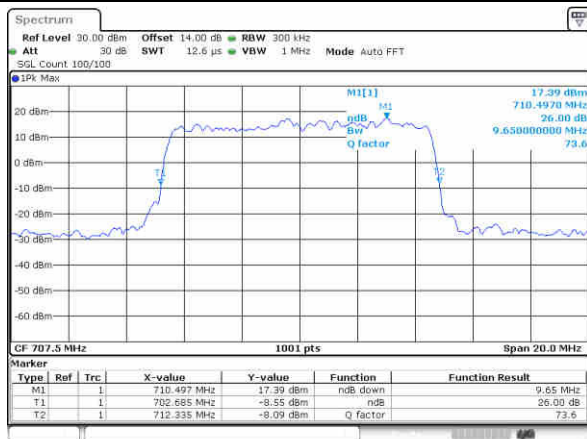
Lowest Channel / 10MHz / QPSK



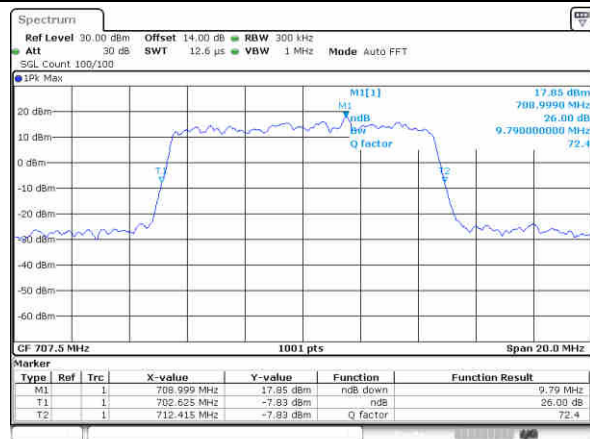
Lowest Channel / 10MHz / 16QAM



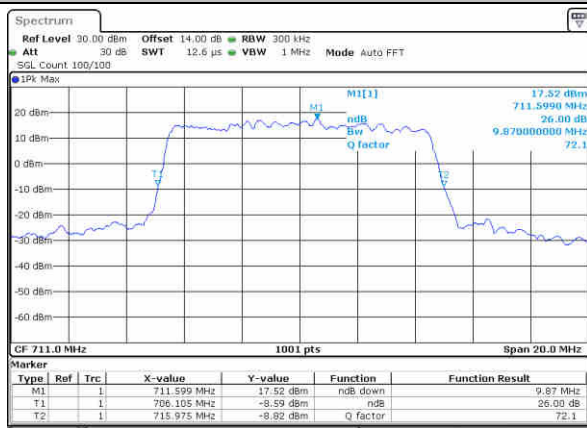
Middle Channel / 10MHz / QPSK



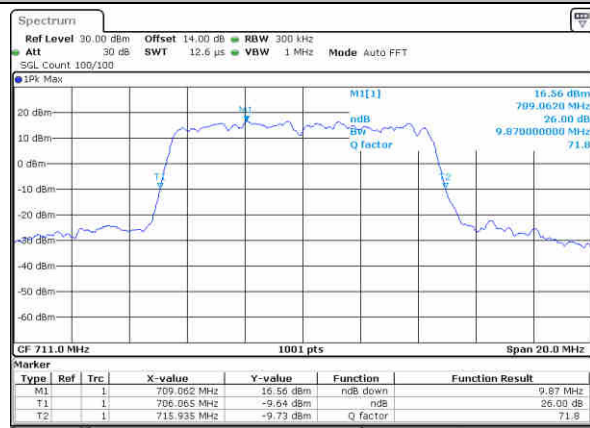
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



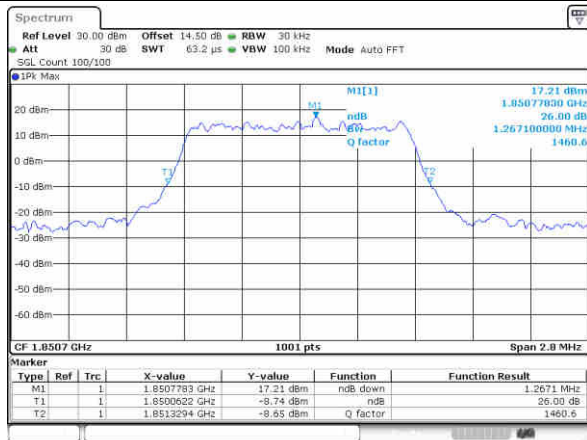
Highest Channel / 10MHz / 16QAM





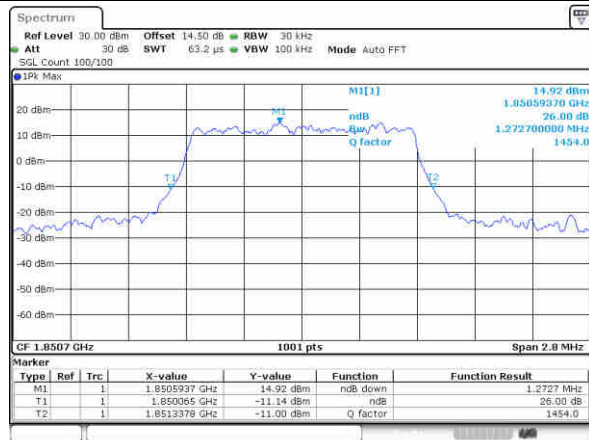
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



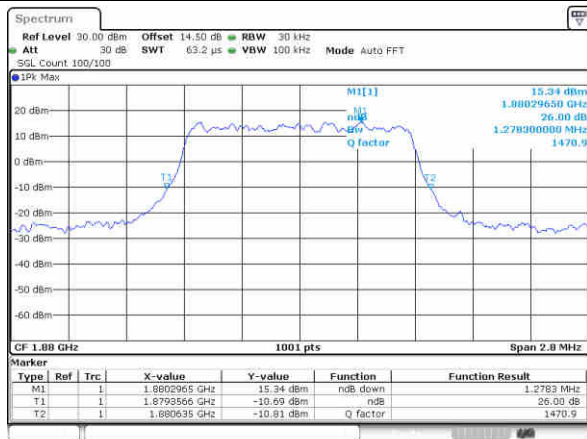
Date: 15, DEC, 2017 19:12:51

Lowest Channel / 1.4MHz / 16QAM



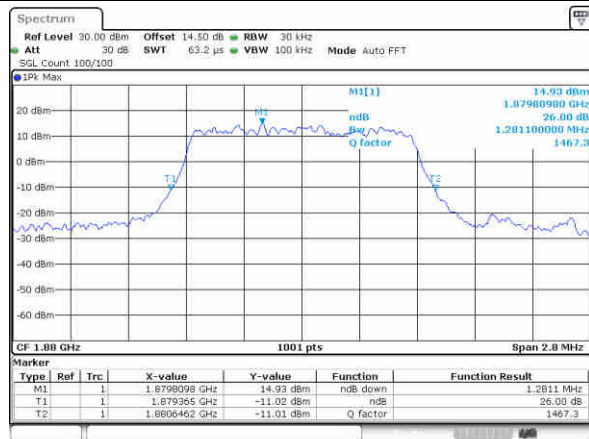
Date: 15, DEC, 2017 19:13:02

Middle Channel / 1.4MHz / QPSK



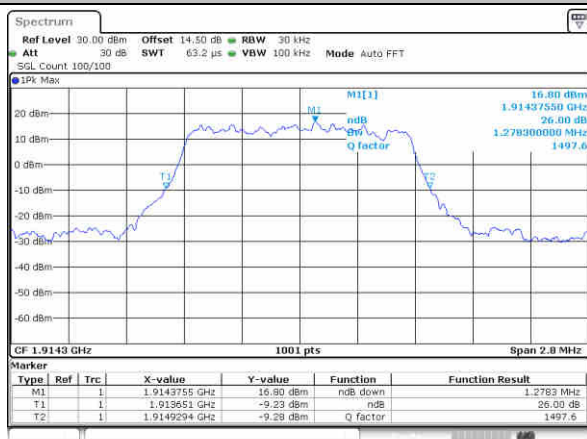
Date: 15, DEC, 2017 19:15:25

Middle Channel / 1.4MHz / 16QAM



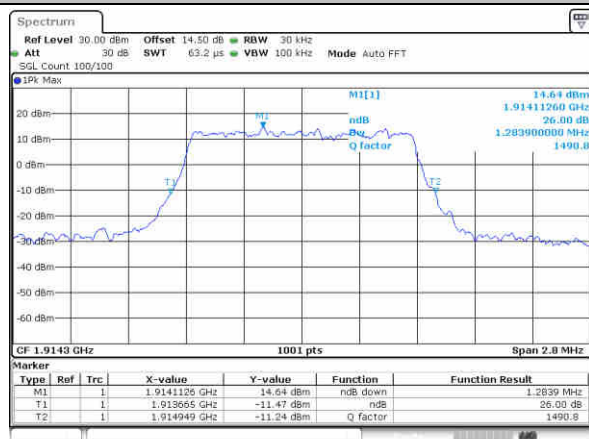
Date: 15, DEC, 2017 19:15:35

Highest Channel / 1.4MHz / QPSK



Date: 15, DEC, 2017 19:17:59

Highest Channel / 1.4MHz / 16QAM

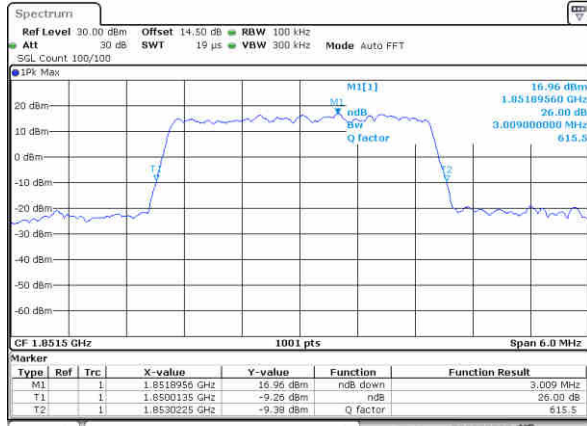


Date: 15, DEC, 2017 19:18:09



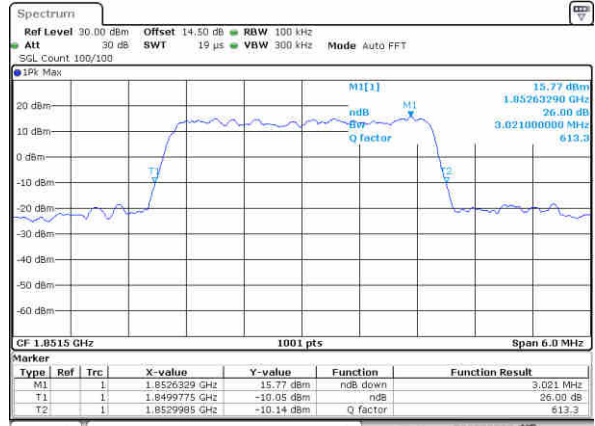
LTE Band 25

Lowest Channel / 3MHz / QPSK



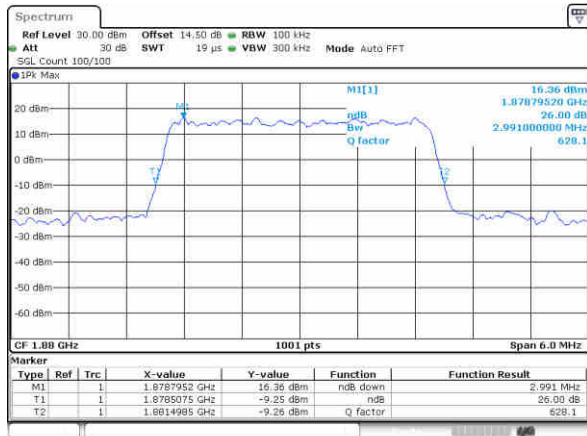
Date: 15, DEC, 2017 19:25:10

Lowest Channel / 3MHz / 16QAM



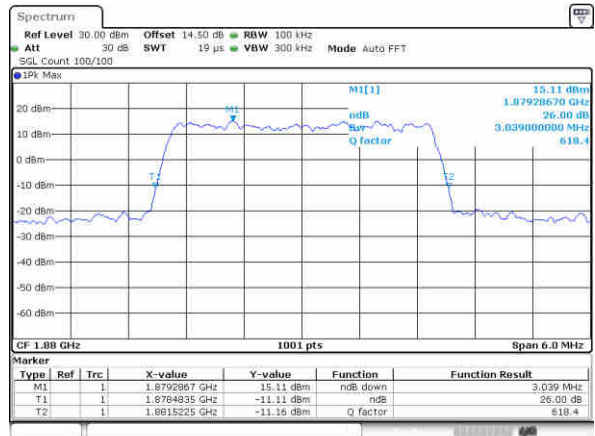
Date: 15, DEC, 2017 19:25:10

Middle Channel / 3MHz / QPSK



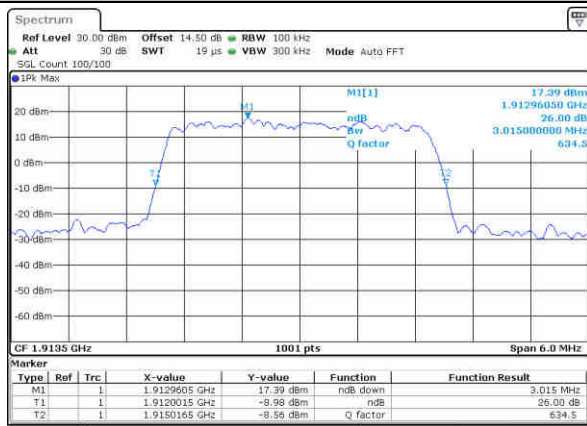
Date: 15, DEC, 2017 19:27:43

Middle Channel / 3MHz / 16QAM



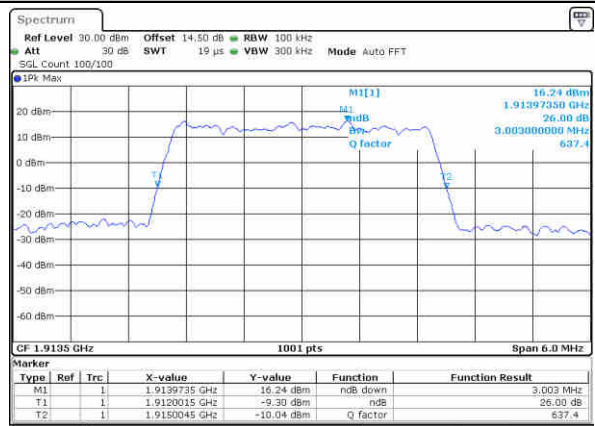
Date: 15, DEC, 2017 19:27:43

Highest Channel / 3MHz / QPSK



Date: 15, DEC, 2017 19:30:16

Highest Channel / 3MHz / 16QAM

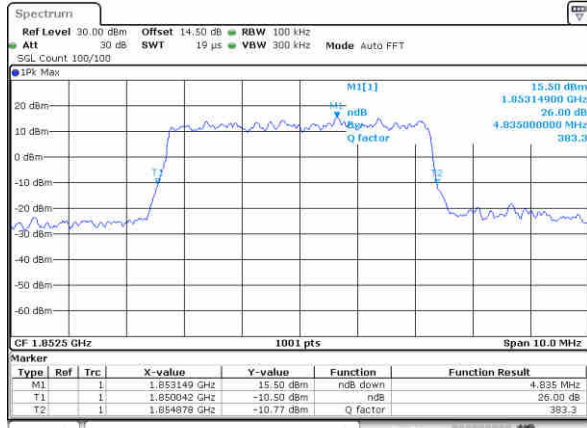


Date: 15, DEC, 2017 19:30:16



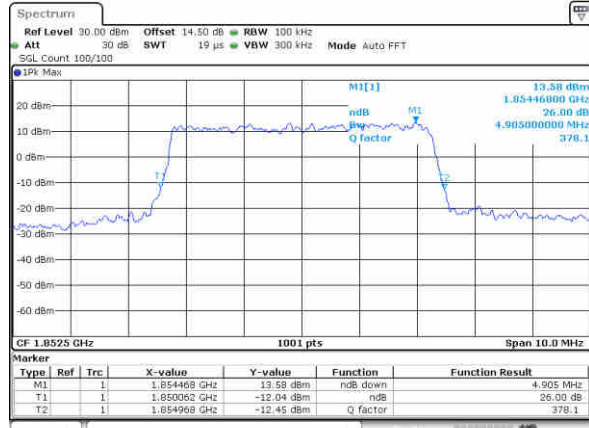
LTE Band 25

Lowest Channel / 5MHz / QPSK



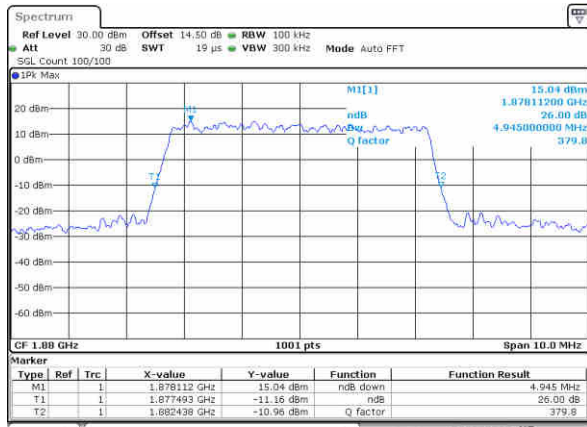
Date: 15, DEC, 2017 19:27:27

Lowest Channel / 5MHz / 16QAM



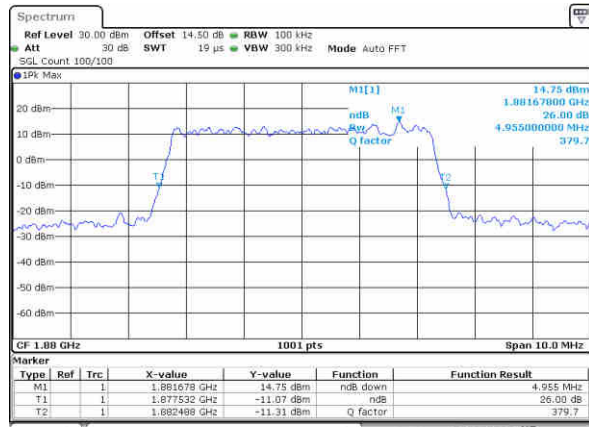
Date: 15, DEC, 2017 19:27:37

Middle Channel / 5MHz / QPSK



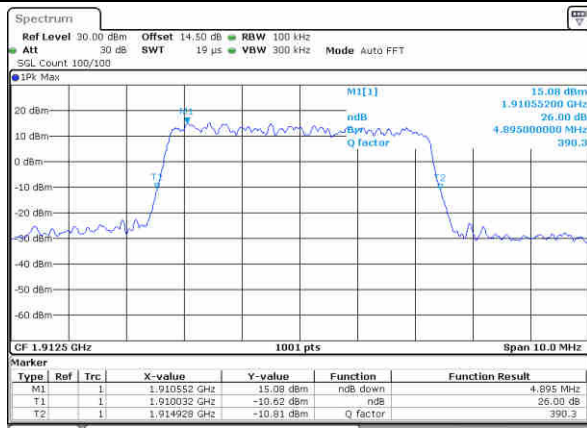
Date: 15, DEC, 2017 19:40:01

Middle Channel / 5MHz / 16QAM



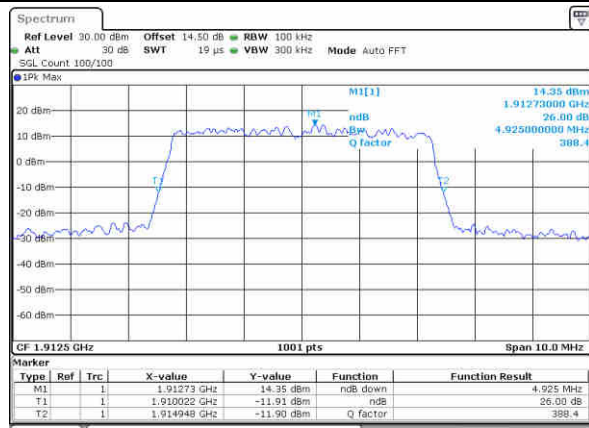
Date: 15, DEC, 2017 19:40:11

Highest Channel / 5MHz / QPSK



Date: 15, DEC, 2017 19:11:00

Highest Channel / 5MHz / 16QAM

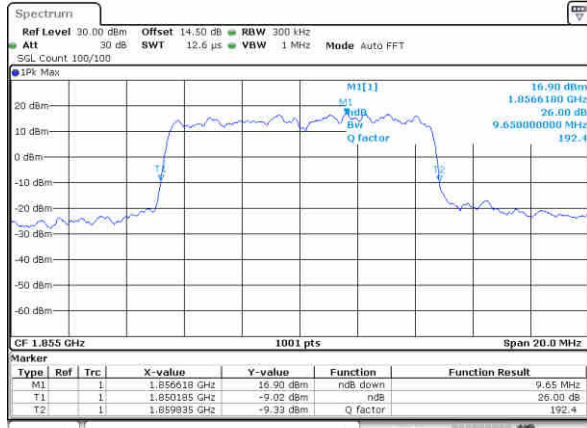


Date: 15, DEC, 2017 19:11:10



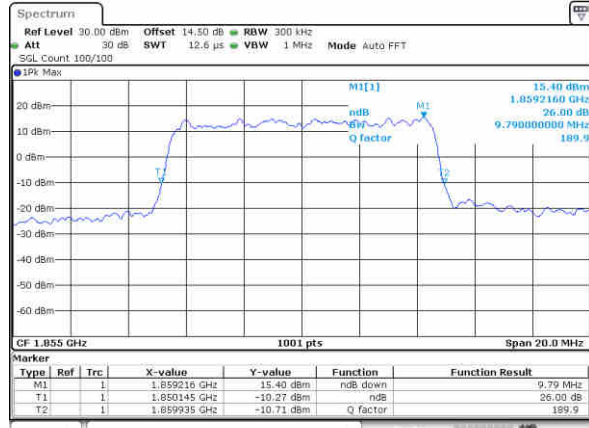
LTE Band 25

Lowest Channel / 10MHz / QPSK



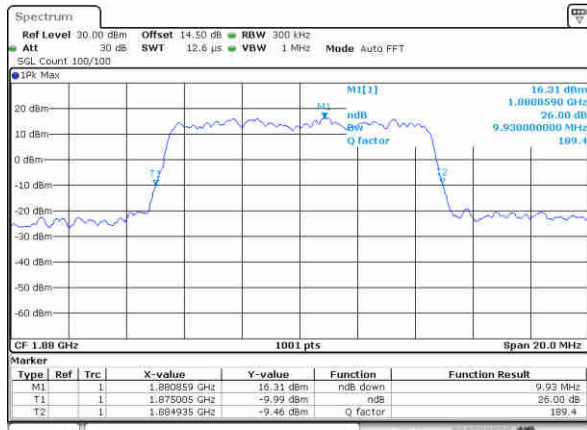
Date: 15, DEC, 2017 18:18:12

Lowest Channel / 10MHz / 16QAM



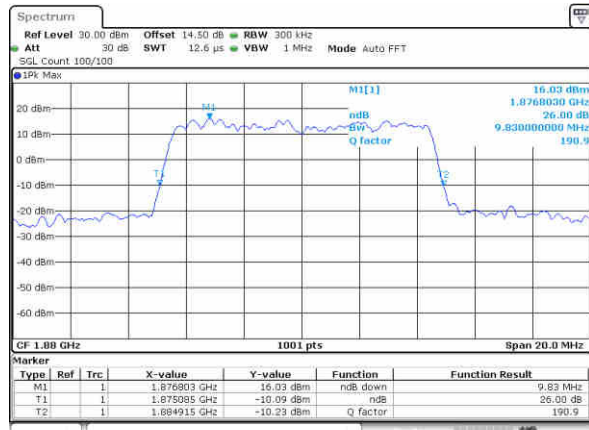
Date: 15, DEC, 2017 18:18:22

Middle Channel / 10MHz / QPSK



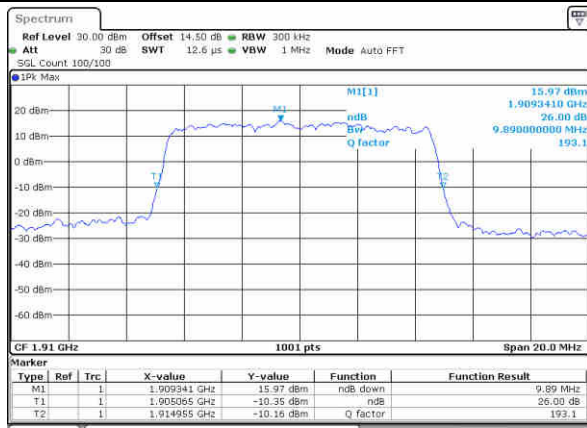
Date: 15, DEC, 2017 18:28:46

Middle Channel / 10MHz / 16QAM



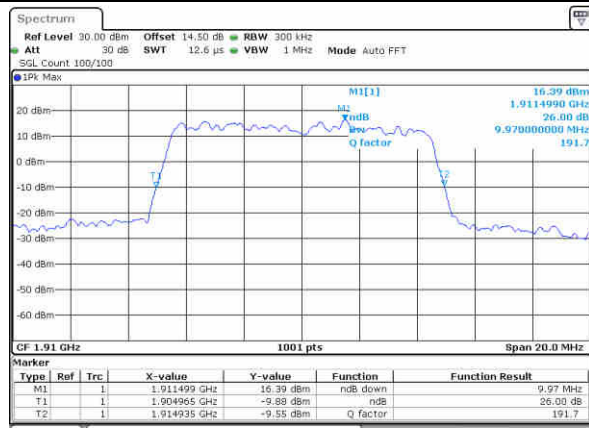
Date: 15, DEC, 2017 18:28:56

Highest Channel / 10MHz / QPSK



Date: 15, DEC, 2017 18:23:19

Highest Channel / 10MHz / 16QAM

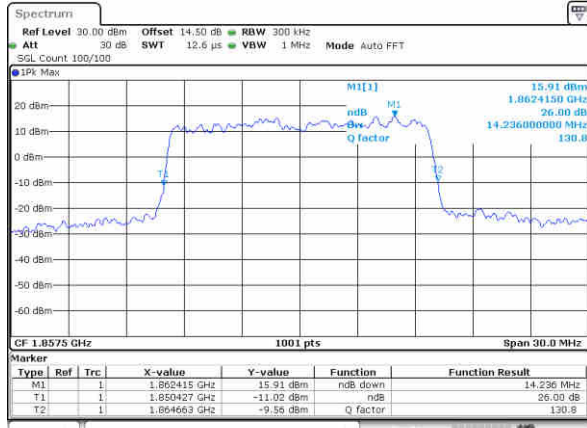


Date: 15, DEC, 2017 18:23:29

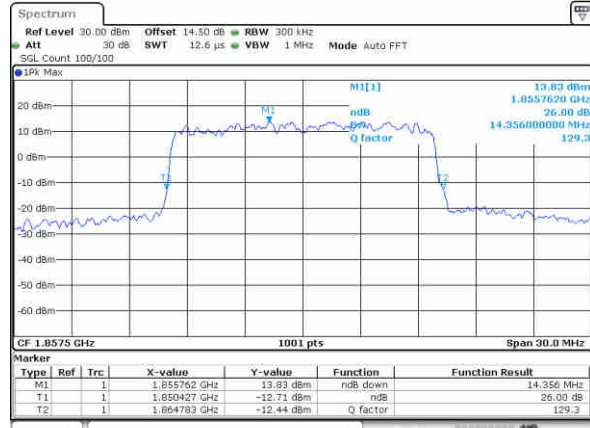


LTE Band 25

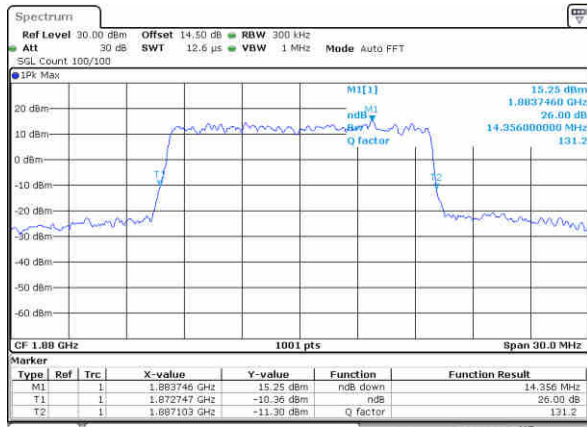
Lowest Channel / 15MHz / QPSK



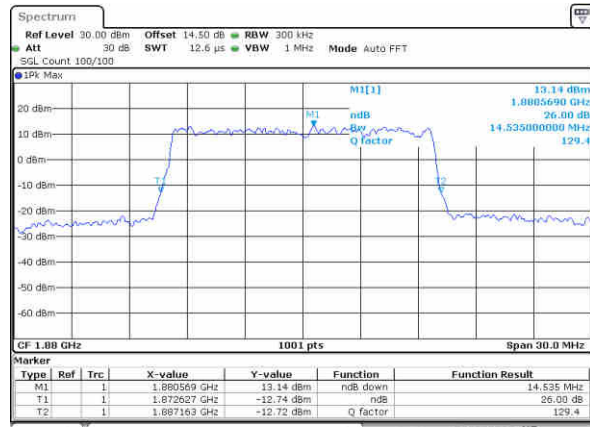
Lowest Channel / 15MHz / 16QAM



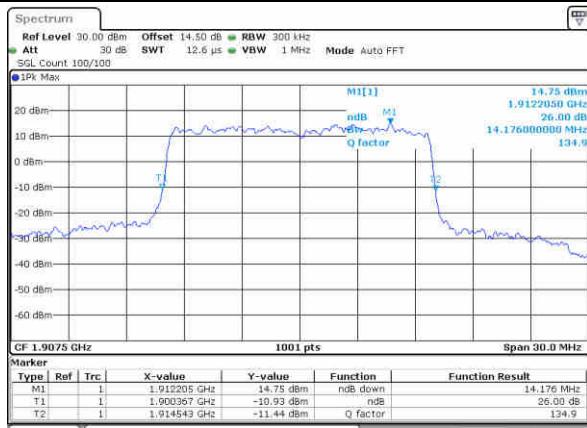
Middle Channel / 15MHz / QPSK



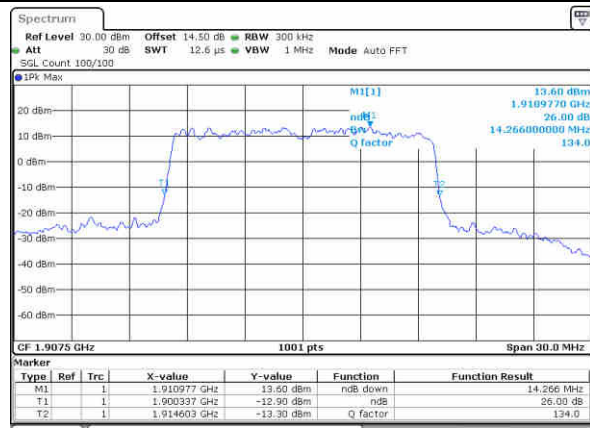
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



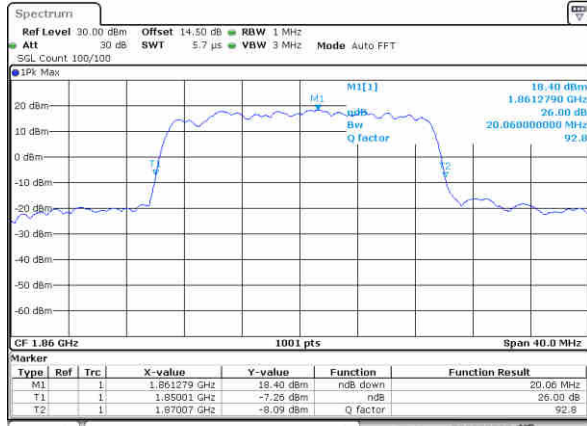
Highest Channel / 15MHz / 16QAM



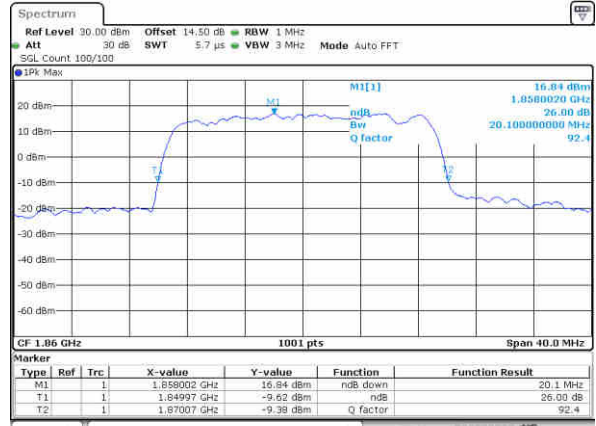


LTE Band 25

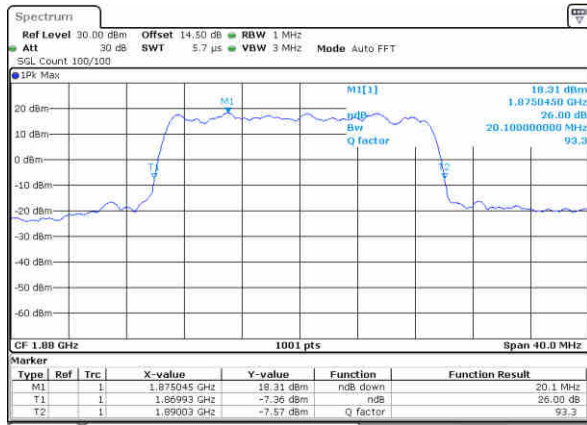
Lowest Channel / 20MHz / QPSK



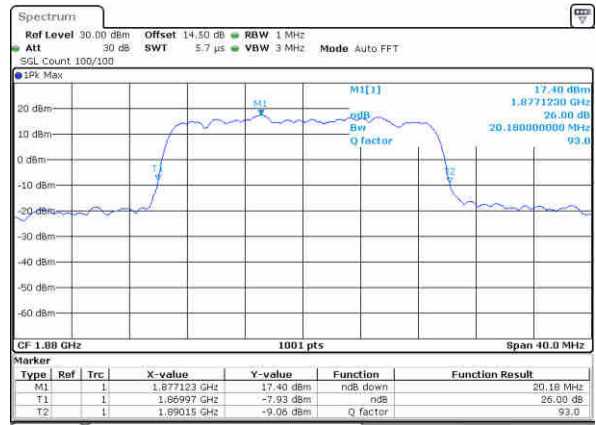
Lowest Channel / 20MHz / 16QAM



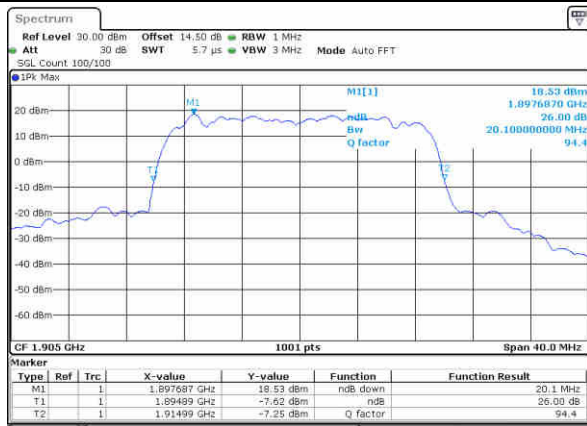
Middle Channel / 20MHz / QPSK



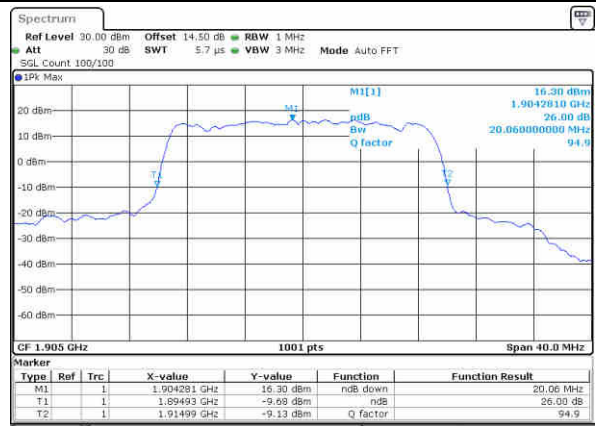
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM





Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.71	4.49	4.49	9.01	9.07	13.37	13.37	18.18	18.34
Middle CH	1.09	1.09	2.73	2.7	4.5	4.49	9.01	8.97	13.46	13.43	18.42	18.42
Highest CH	1.09	1.1	2.72	2.72	4.52	4.49	8.99	9.01	13.37	13.37	18.26	18.3

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	2.72	2.72	4.5	4.47	9.07	8.95	13.49	13.4	18.38	18.26
Middle CH	1.1	1.1	2.72	2.72	4.48	4.49	9.01	8.99	13.49	13.49	18.18	18.26
Highest CH	1.09	1.09	2.7	2.72	4.52	4.5	9.03	9.01	13.37	13.4	18.06	18.3

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	1.1	1.09	2.72	2.73	4.49	4.5	9.01	9.01	-	-	-	-
Middle CH	1.09	1.09	2.71	2.71	4.5	4.5	9.09	9.01	-	-	-	-
Highest CH	1.09	1.1	2.71	2.74	4.47	4.49	9.03	8.99	-	-	-	-

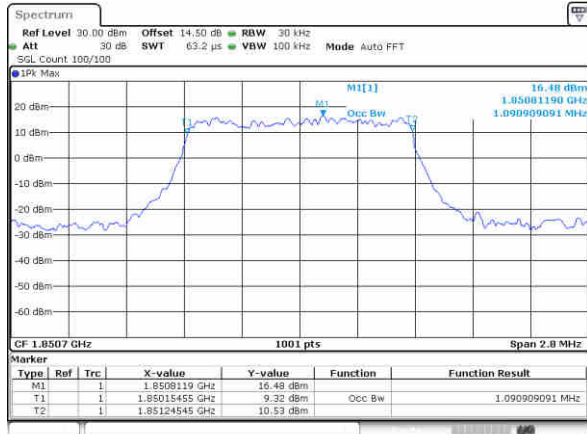
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.51	4.48	9.01	9.03	-	-	-	-
Middle CH	1.1	1.09	2.72	2.72	4.48	4.5	8.99	8.99	-	-	-	-
Highest CH	1.1	1.1	2.72	2.73	4.52	4.5	9.01	9.01	-	-	-	-

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	1.09	1.1	2.71	2.72	4.47	4.5	9.05	8.97	13.4	13.37	18.34	18.26
Middle CH	1.08	1.09	2.72	2.7	4.49	4.5	9.05	9.09	13.4	13.46	18.34	18.3
Highest CH	1.09	1.09	2.71	2.71	4.48	4.5	8.93	9.01	13.37	13.31	18.38	18.26

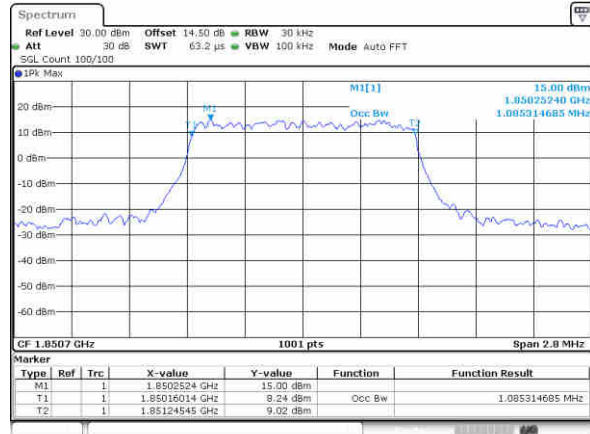


LTE Band 2

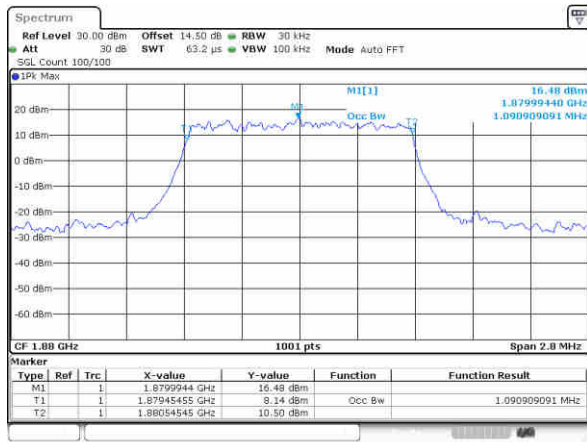
Lowest Channel / 1.4MHz / QPSK



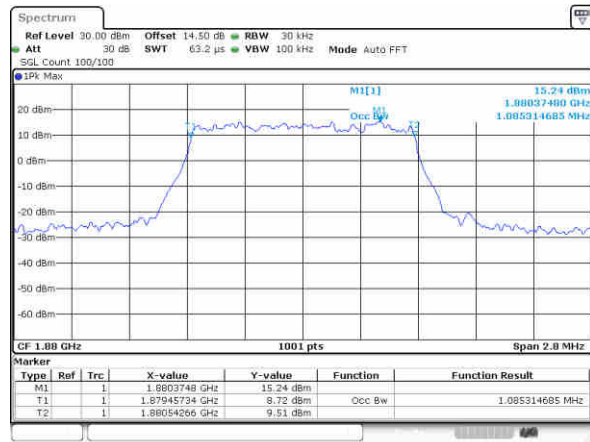
Lowest Channel / 1.4MHz / 16QAM



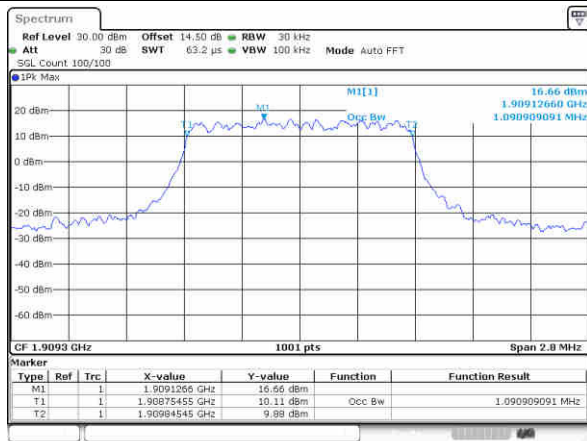
Middle Channel / 1.4MHz / QPSK



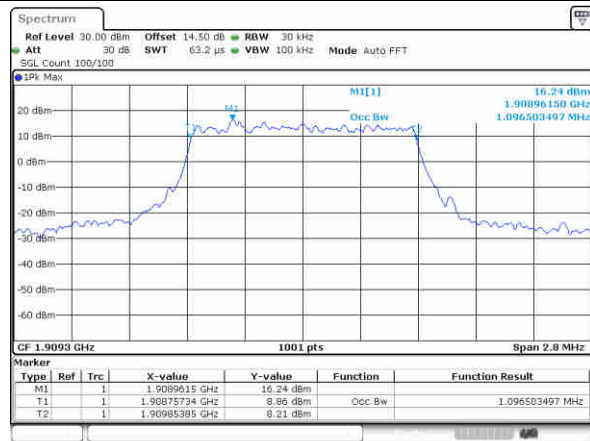
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



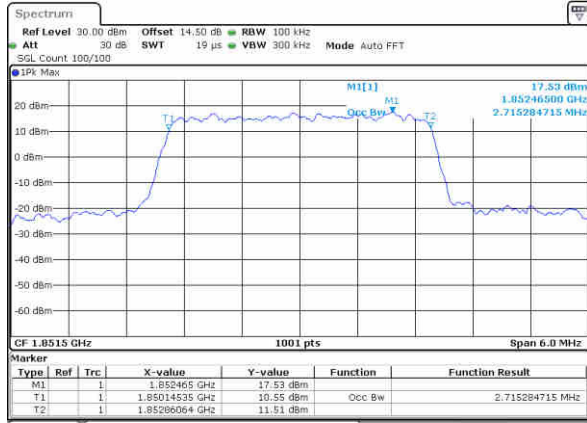
Highest Channel / 1.4MHz / 16QAM





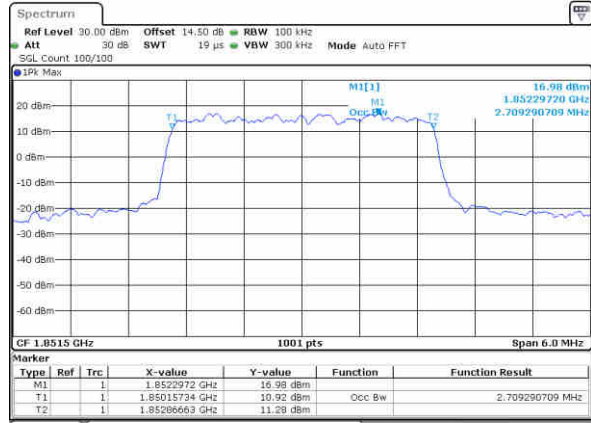
LTE Band 2

Lowest Channel / 3MHz / QPSK



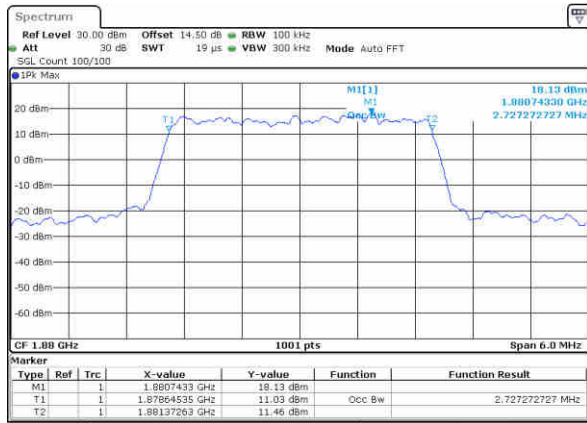
Date: 15, DEC, 2017 09:21:26

Lowest Channel / 3MHz / 16QAM



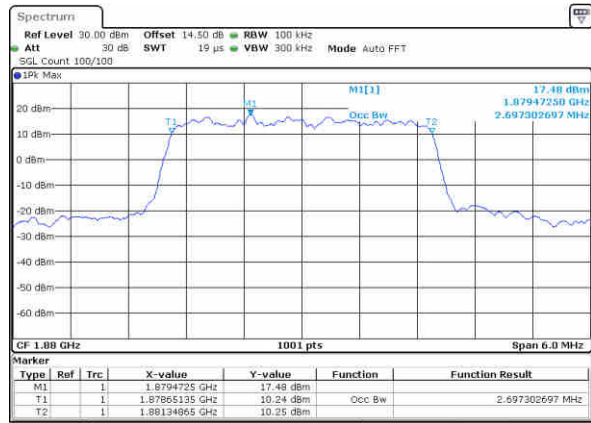
Date: 15, DEC, 2017 09:21:36

Middle Channel / 3MHz / QPSK



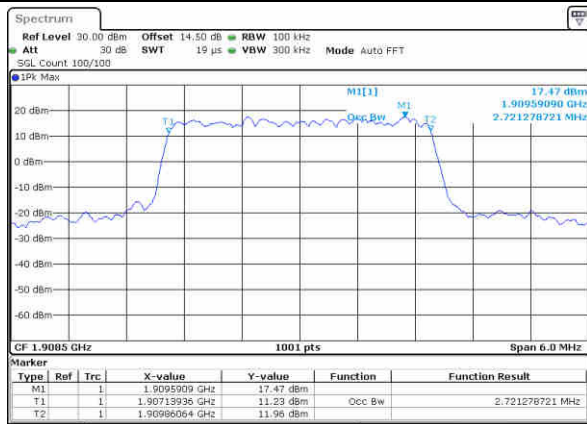
Date: 15, DEC, 2017 09:28:35

Middle Channel / 3MHz / 16QAM



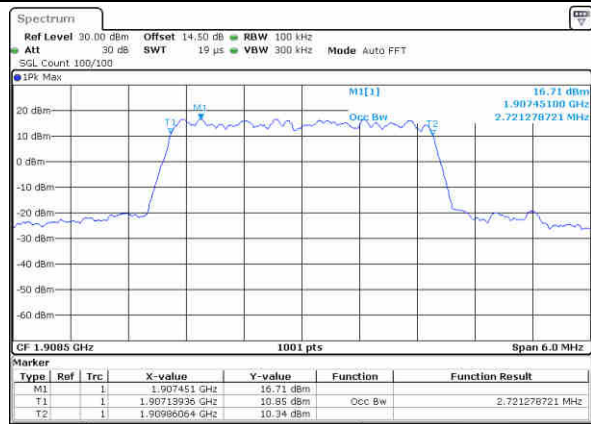
Date: 15, DEC, 2017 09:28:45

Highest Channel / 3MHz / QPSK



Date: 15, DEC, 2017 09:31:07

Highest Channel / 3MHz / 16QAM

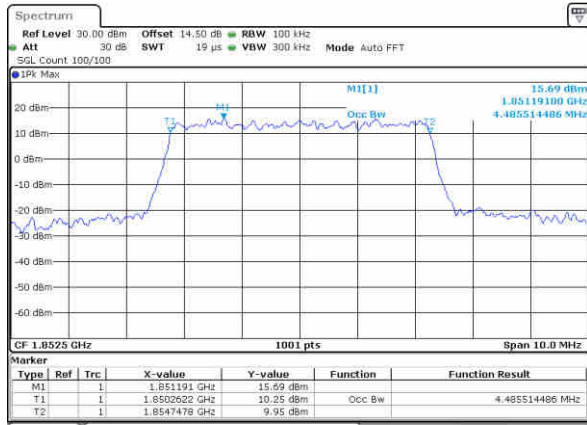


Date: 15, DEC, 2017 09:31:17



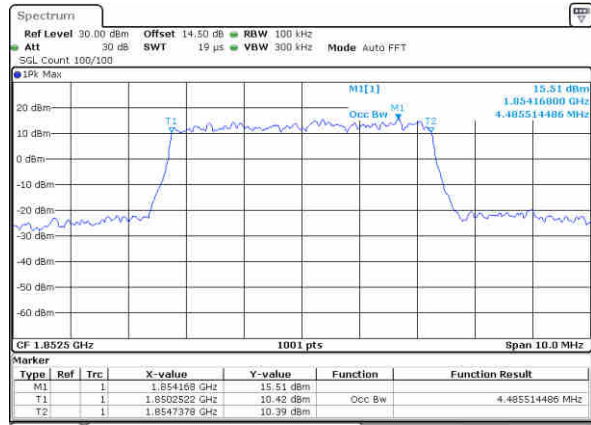
LTE Band 2

Lowest Channel / 5MHz / QPSK



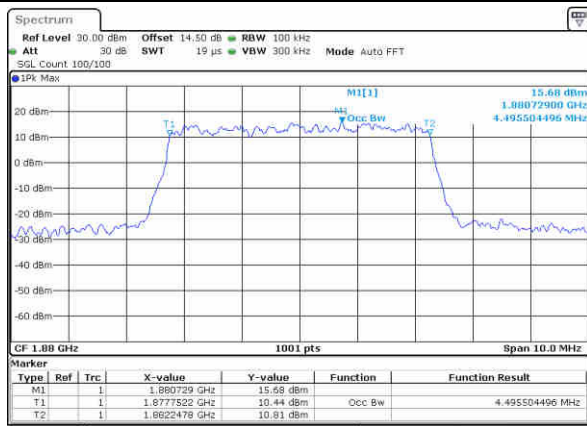
Date: 15, DEC, 2017 09:42:14

Lowest Channel / 5MHz / 16QAM



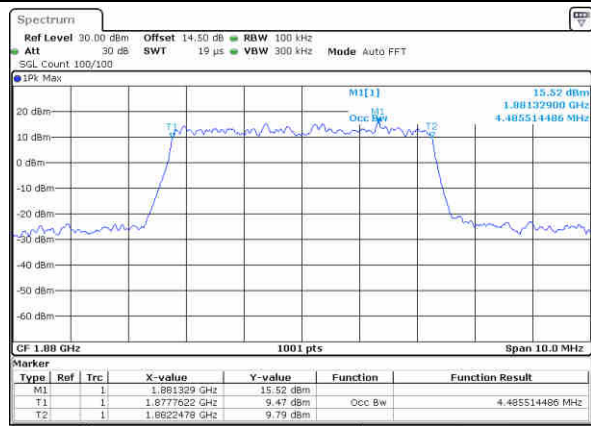
Date: 15, DEC, 2017 09:42:14

Middle Channel / 5MHz / QPSK



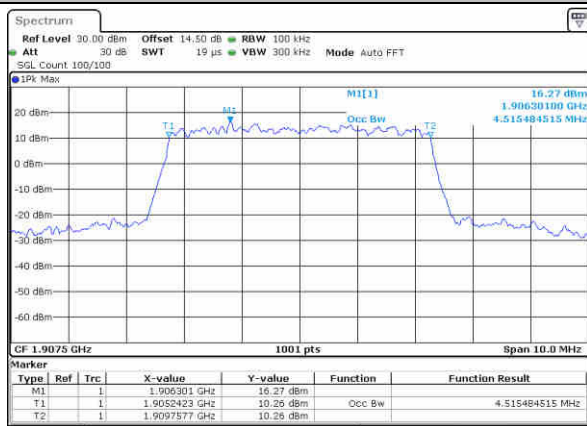
Date: 15, DEC, 2017 09:49:23

Middle Channel / 5MHz / 16QAM



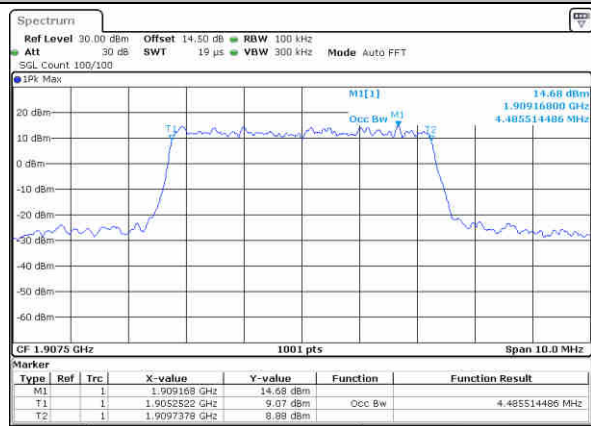
Date: 15, DEC, 2017 09:49:23

Highest Channel / 5MHz / QPSK



Date: 15, DEC, 2017 09:51:55

Highest Channel / 5MHz / 16QAM

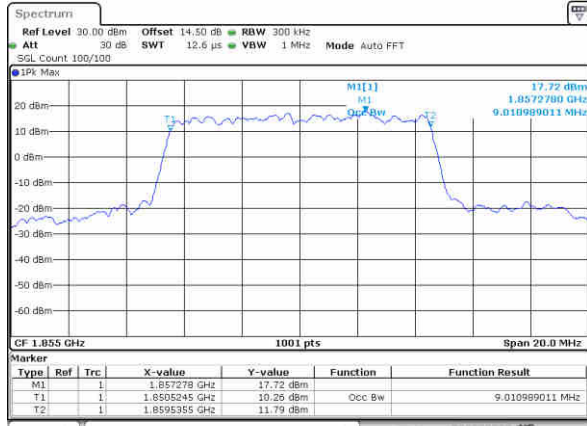


Date: 15, DEC, 2017 09:52:05

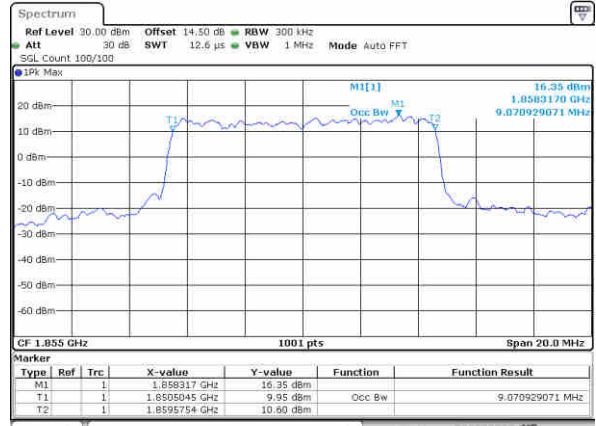


LTE Band 2

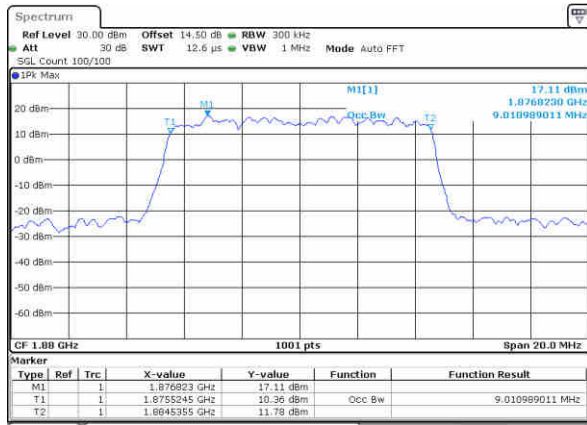
Lowest Channel / 10MHz / QPSK



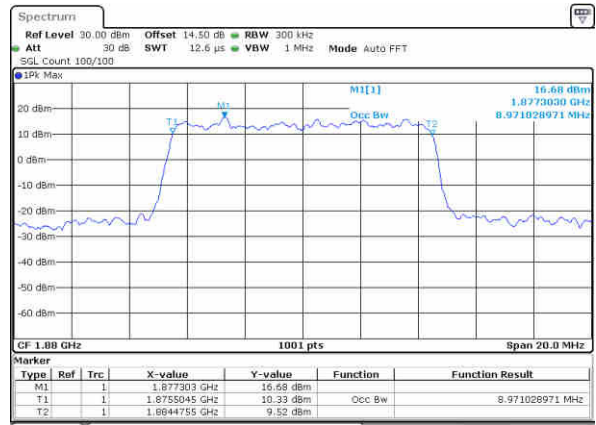
Lowest Channel / 10MHz / 16QAM



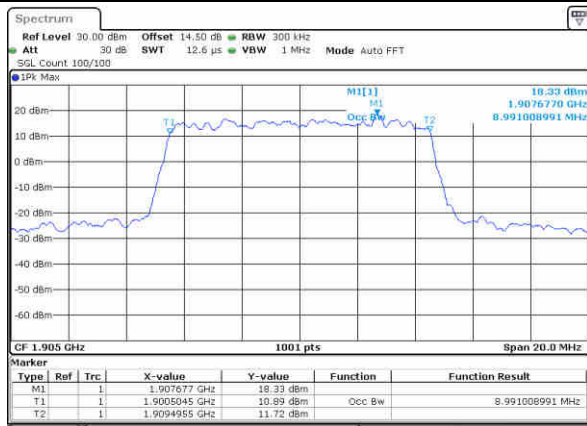
Middle Channel / 10MHz / QPSK



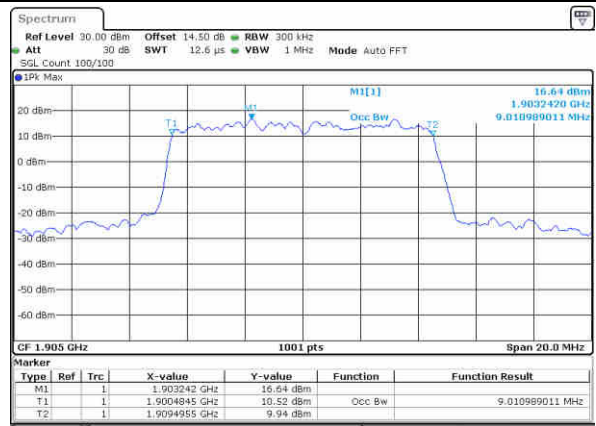
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



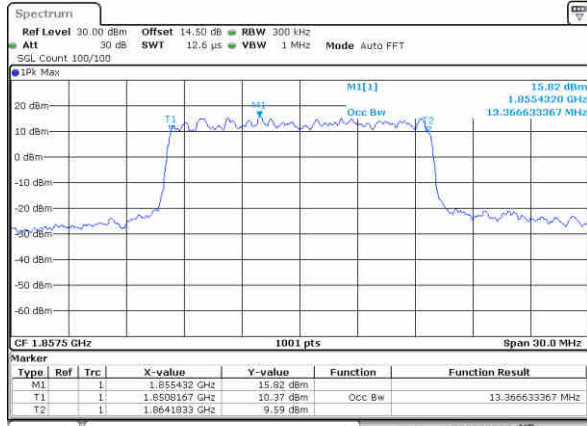
Highest Channel / 10MHz / 16QAM





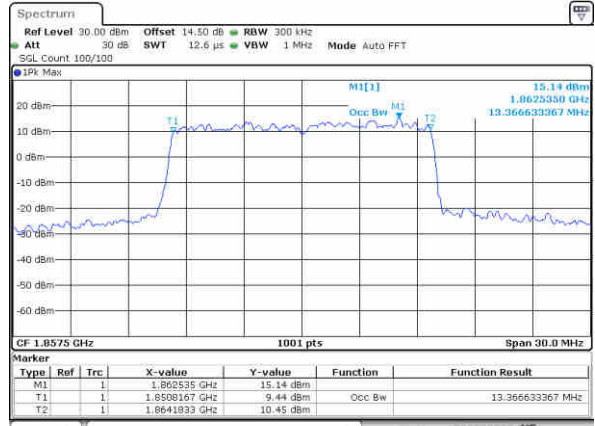
LTE Band 2

Lowest Channel / 15MHz / QPSK



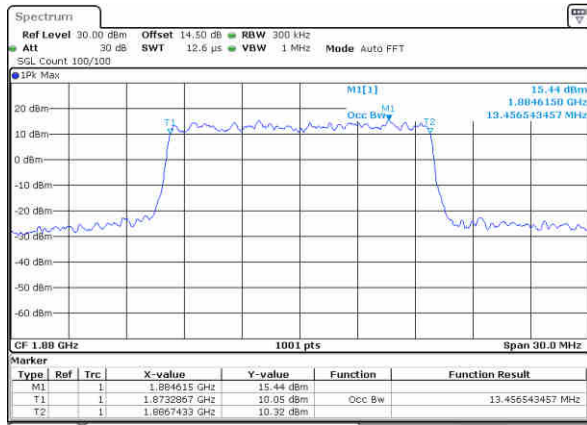
Date: 15, DEC, 2017 09:15:53

Lowest Channel / 15MHz / 16QAM



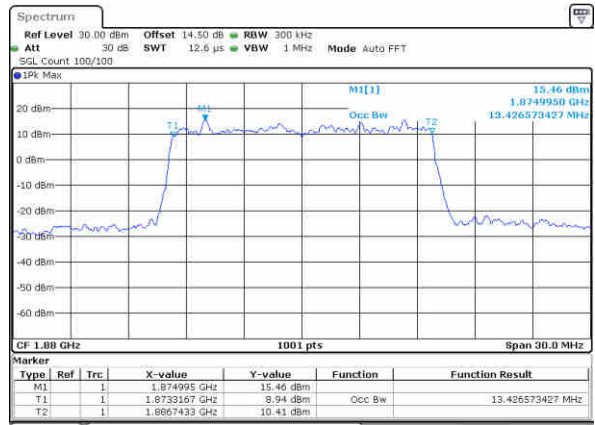
Date: 15, DEC, 2017 09:16:03

Middle Channel / 15MHz / QPSK



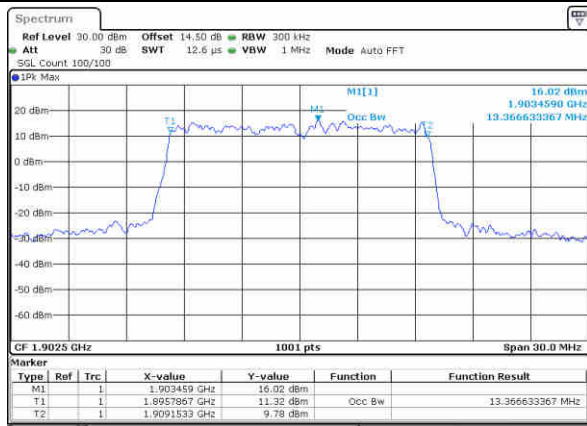
Date: 15, DEC, 2017 09:23:01

Middle Channel / 15MHz / 16QAM



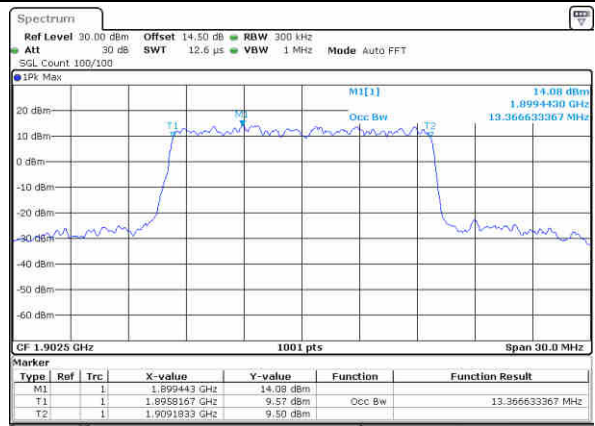
Date: 15, DEC, 2017 09:23:11

Highest Channel / 15MHz / QPSK



Date: 15, DEC, 2017 09:25:33

Highest Channel / 15MHz / 16QAM

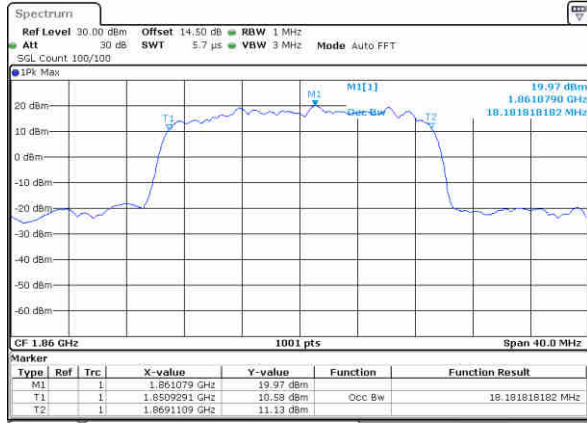


Date: 15, DEC, 2017 09:25:44



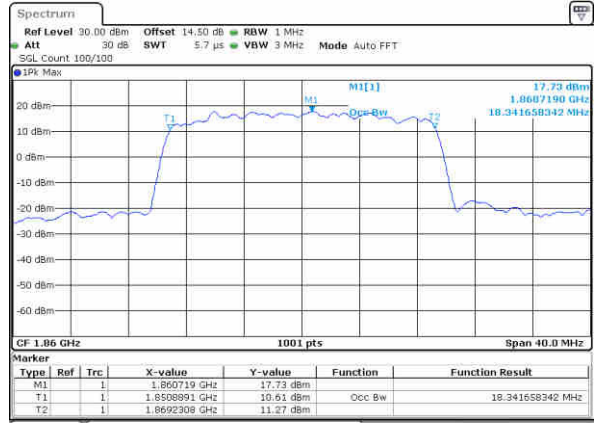
LTE Band 2

Lowest Channel / 20MHz / QPSK



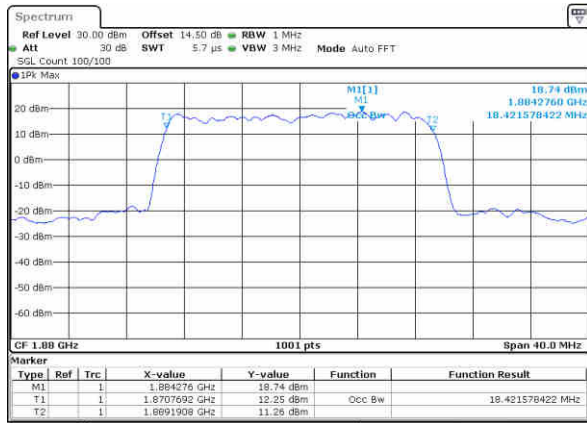
Date: 15, DEC, 2017 09:32:42

Lowest Channel / 20MHz / 16QAM



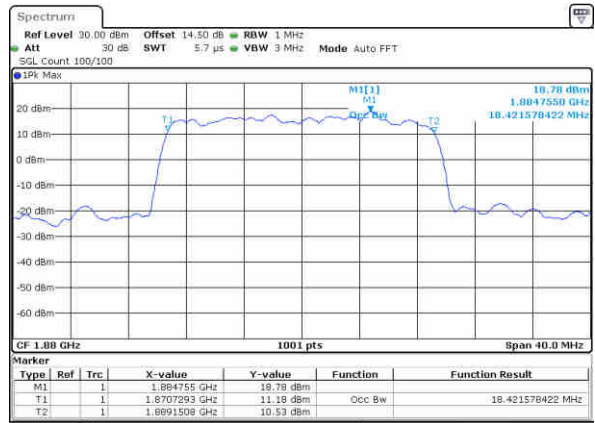
Date: 15, DEC, 2017 09:32:52

Middle Channel / 20MHz / QPSK



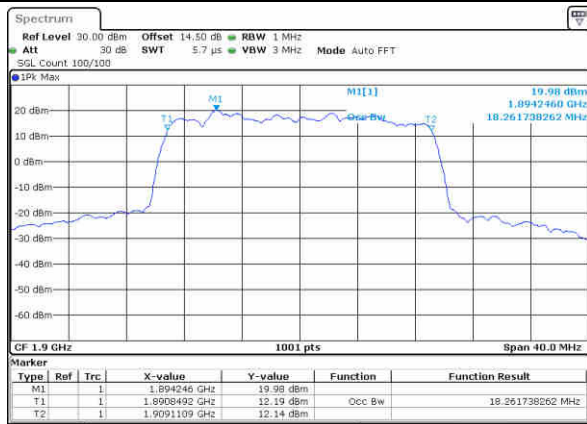
Date: 15, DEC, 2017 09:33:50

Middle Channel / 20MHz / 16QAM



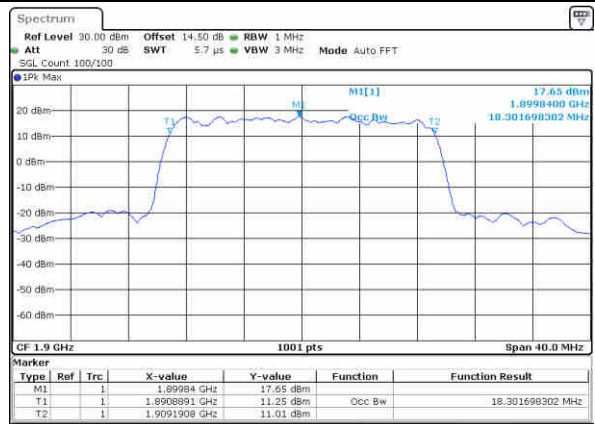
Date: 15, DEC, 2017 09:34:00

Highest Channel / 20MHz / QPSK



Date: 15, DEC, 2017 09:42:22

Highest Channel / 20MHz / 16QAM

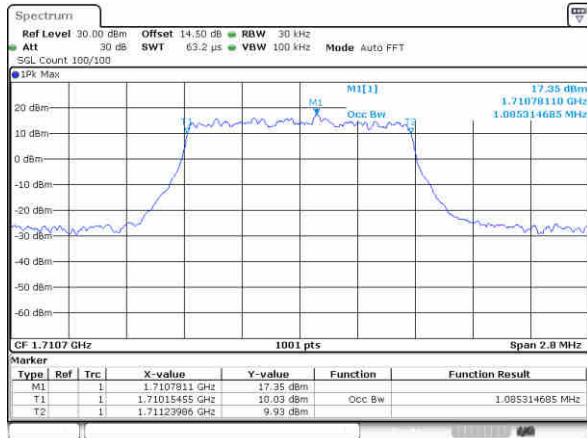


Date: 15, DEC, 2017 09:42:32

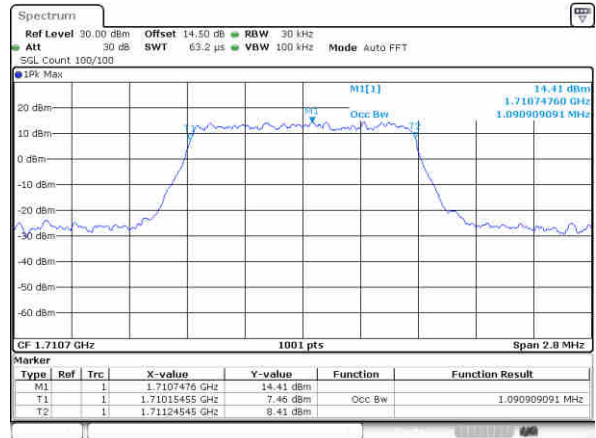


LTE Band 4

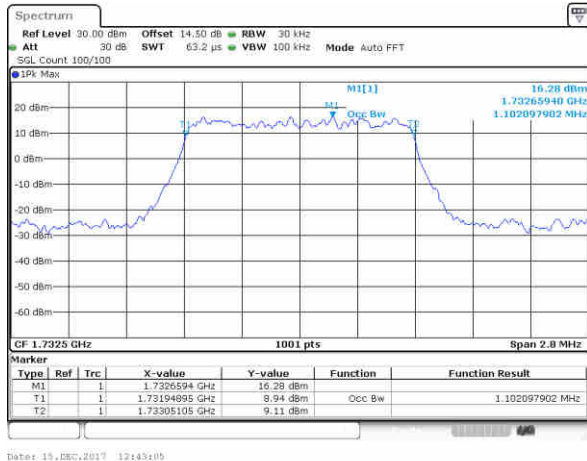
Lowest Channel / 1.4MHz / QPSK



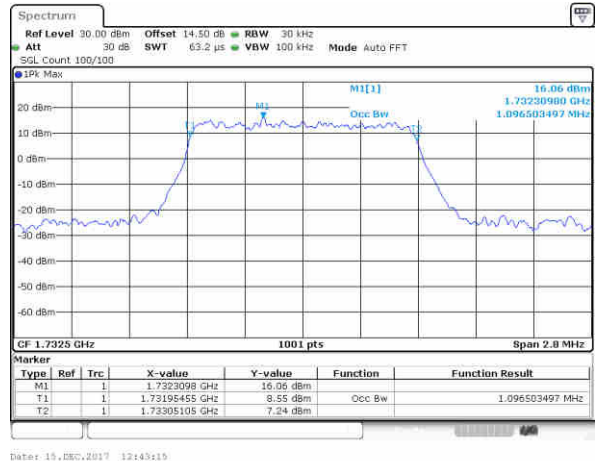
Lowest Channel / 1.4MHz / 16QAM



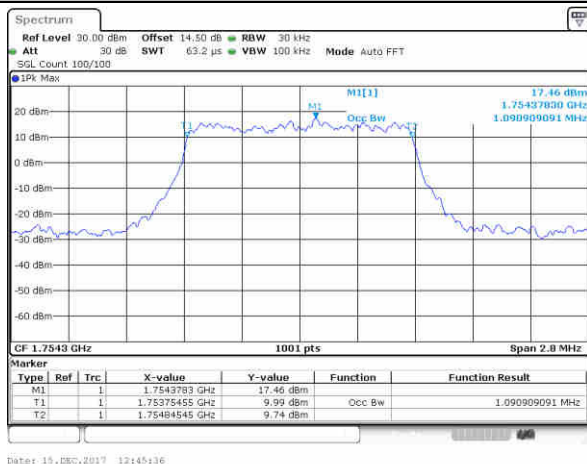
Middle Channel / 1.4MHz / QPSK



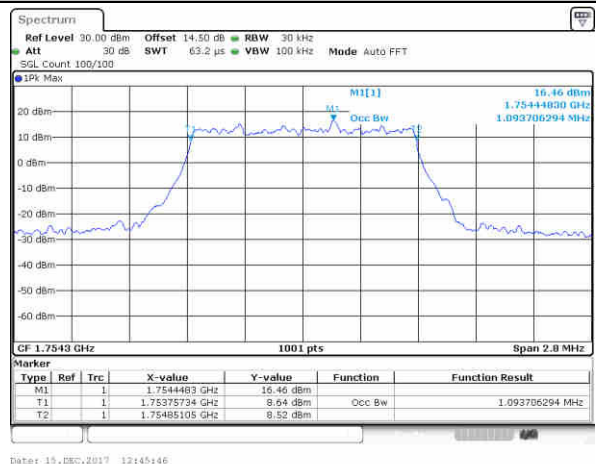
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



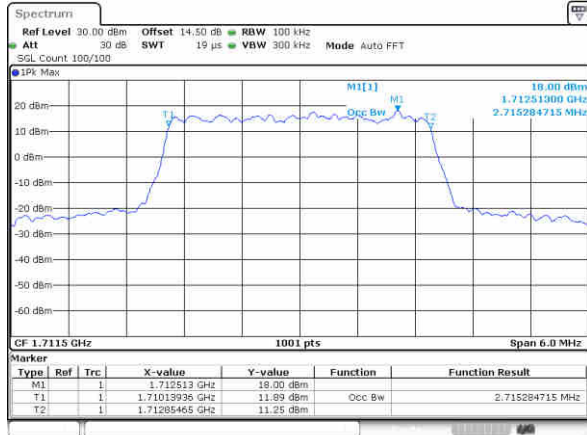
Highest Channel / 1.4MHz / 16QAM



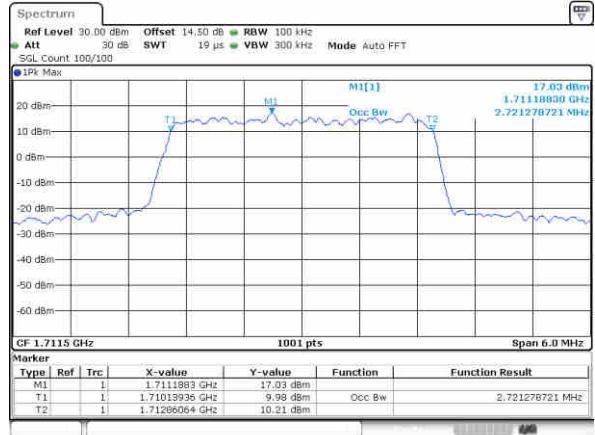


LTE Band 4

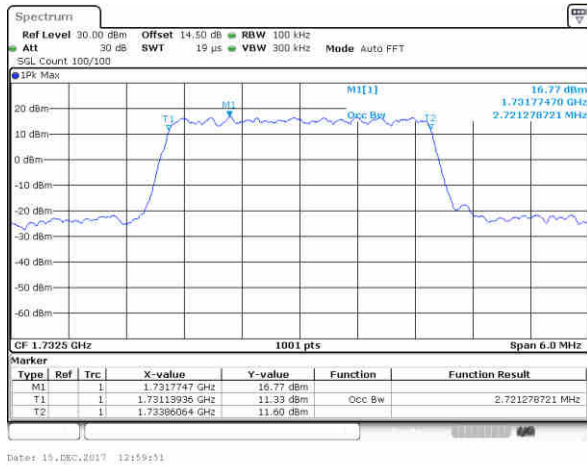
Lowest Channel / 3MHz / QPSK



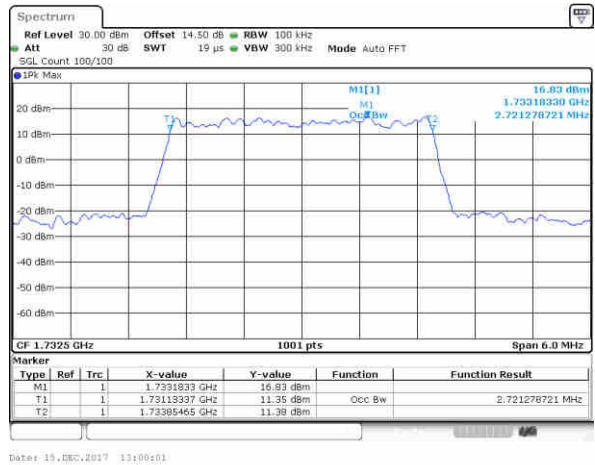
Lowest Channel / 3MHz / 16QAM



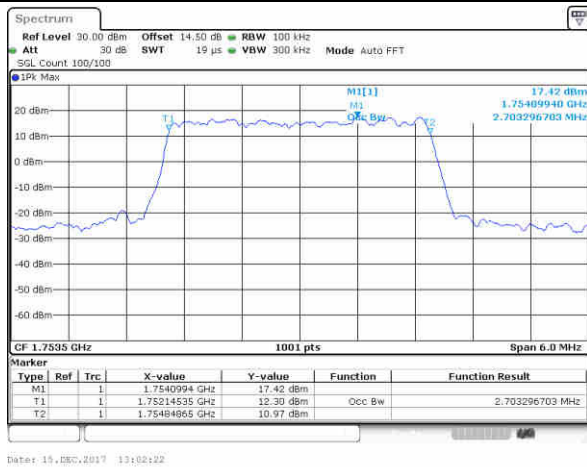
Middle Channel / 3MHz / QPSK



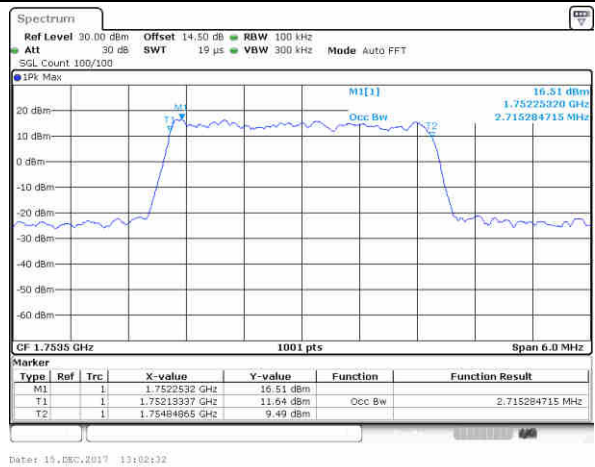
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



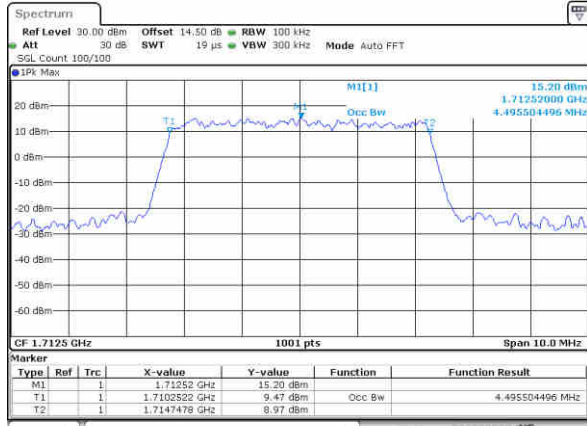
Highest Channel / 3MHz / 16QAM



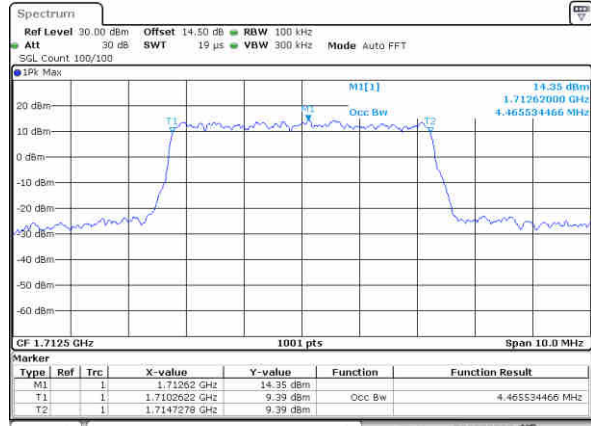


LTE Band 4

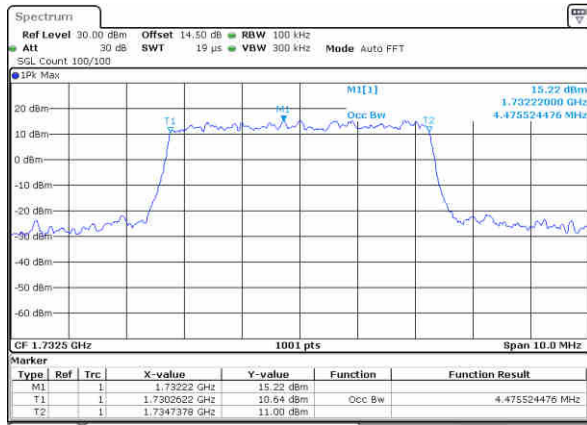
Lowest Channel / 5MHz / QPSK



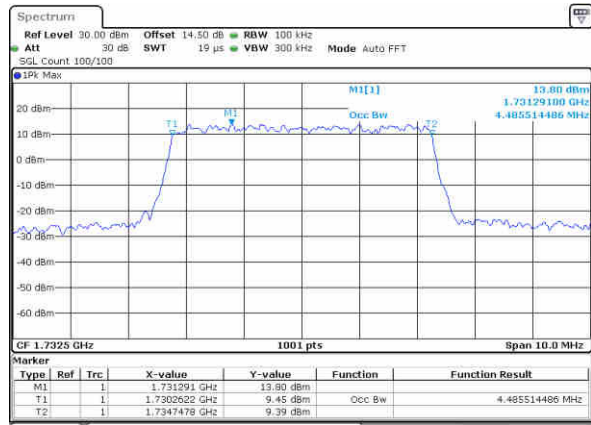
Lowest Channel / 5MHz / 16QAM



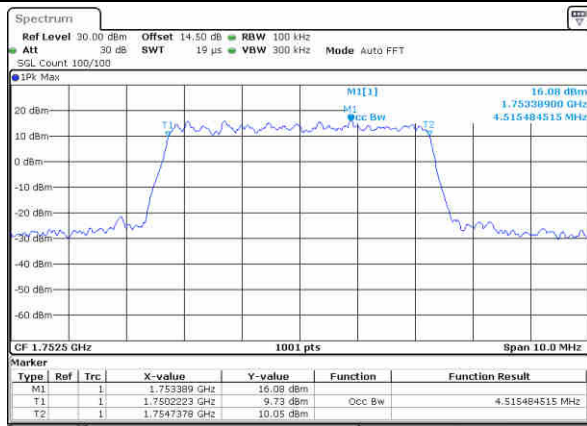
Middle Channel / 5MHz / QPSK



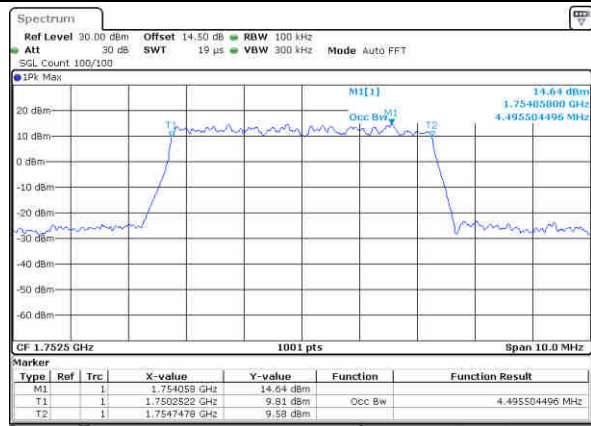
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



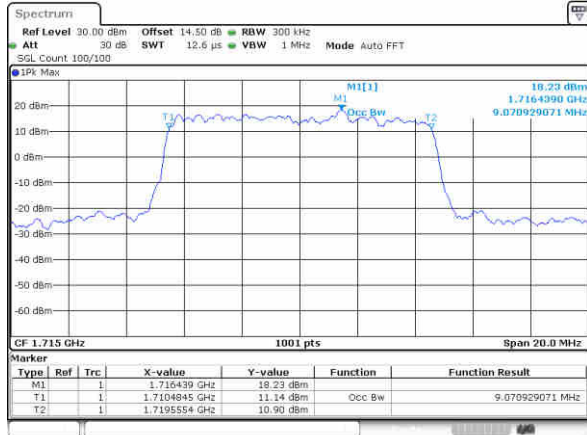
Highest Channel / 5MHz / 16QAM



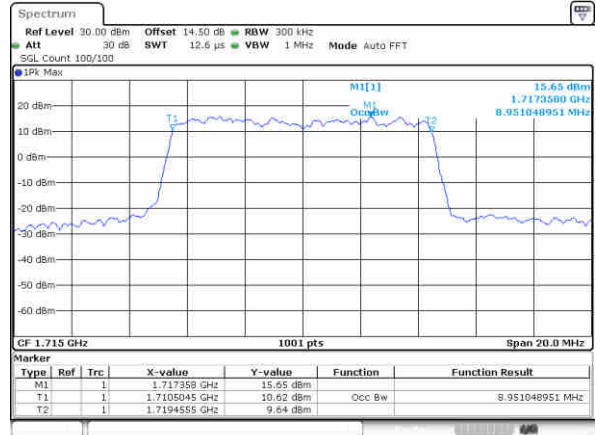


LTE Band 4

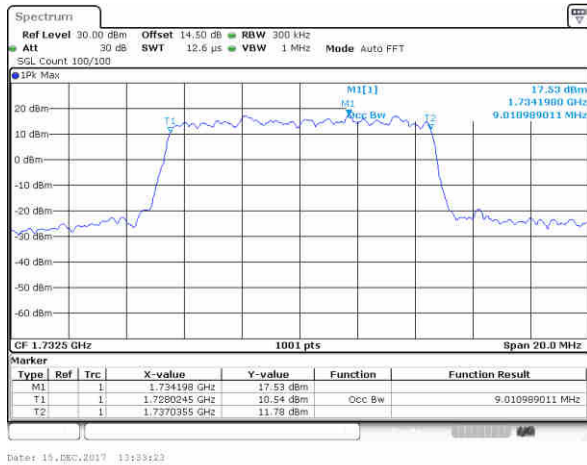
Lowest Channel / 10MHz / QPSK



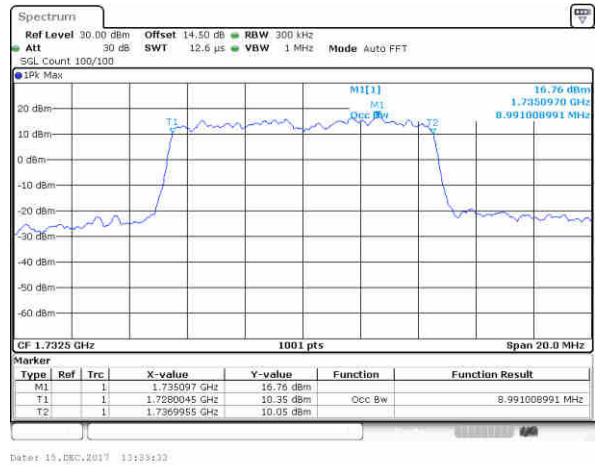
Lowest Channel / 10MHz / 16QAM



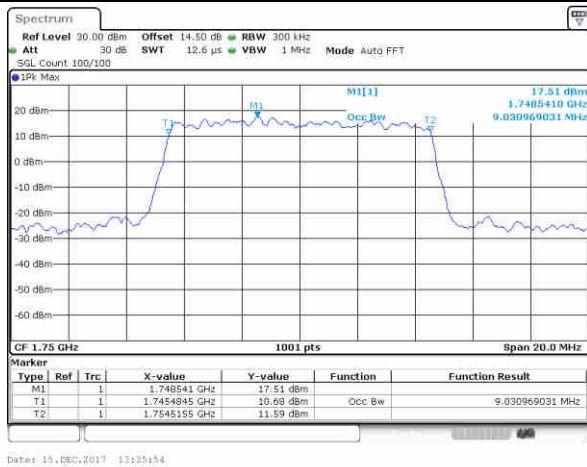
Middle Channel / 10MHz / QPSK



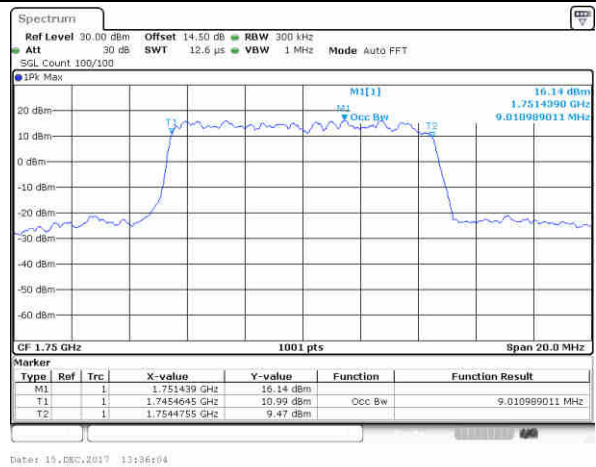
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



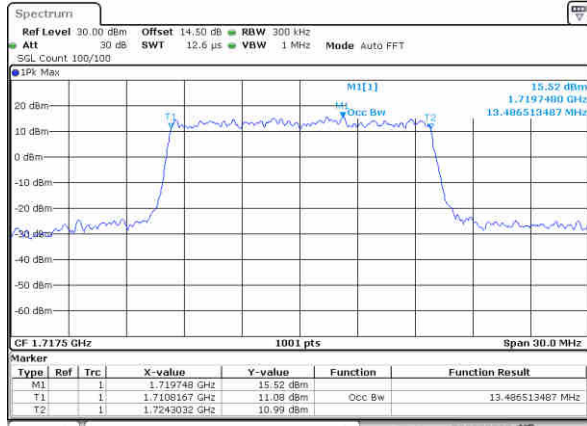
Highest Channel / 10MHz / 16QAM



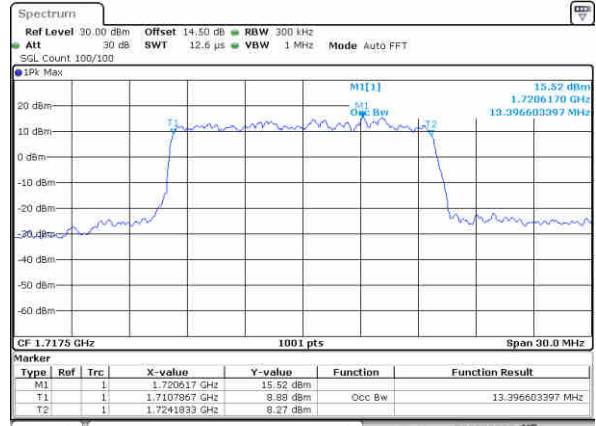


LTE Band 4

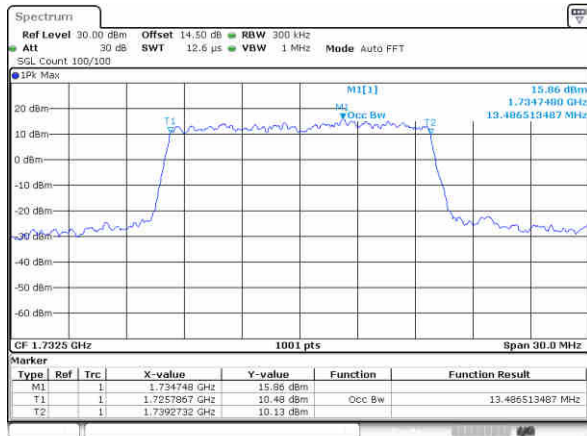
Lowest Channel / 15MHz / QPSK



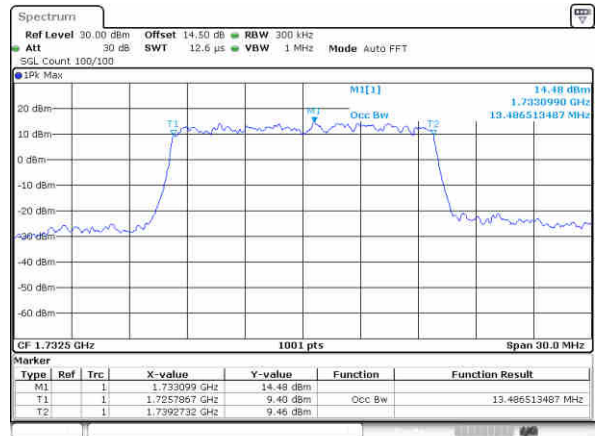
Lowest Channel / 15MHz / 16QAM



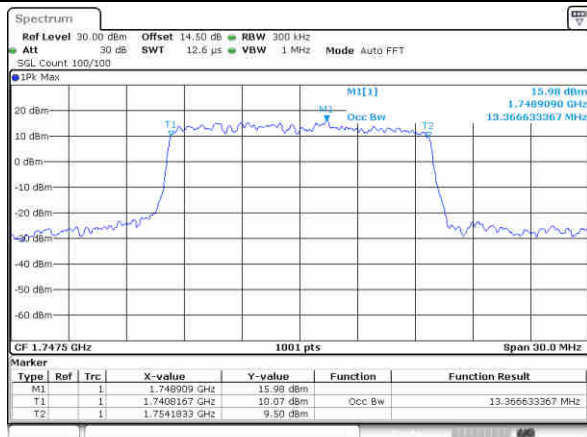
Middle Channel / 15MHz / QPSK



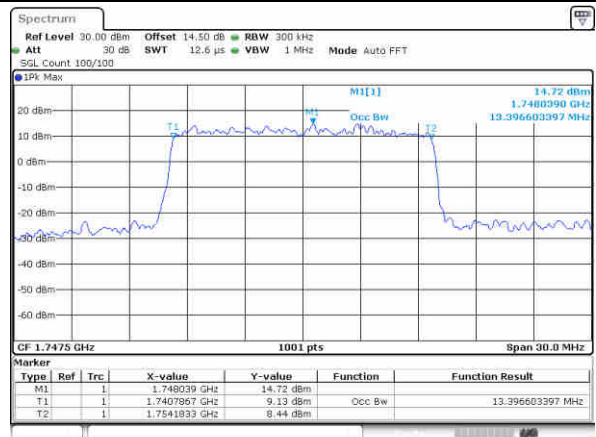
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



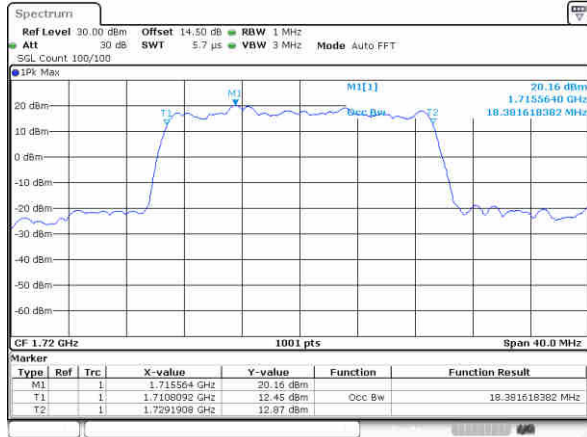
Highest Channel / 15MHz / 16QAM





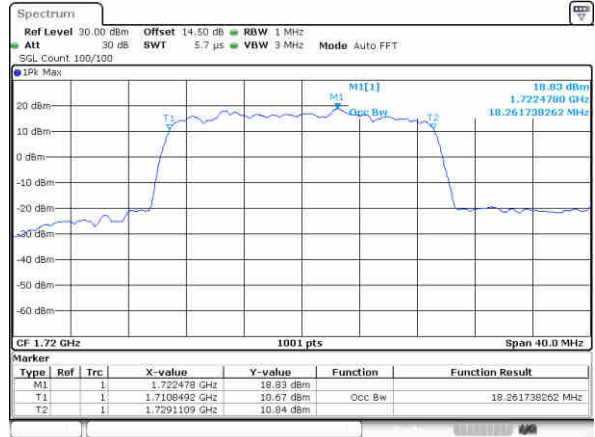
LTE Band 4

Lowest Channel / 20MHz / QPSK



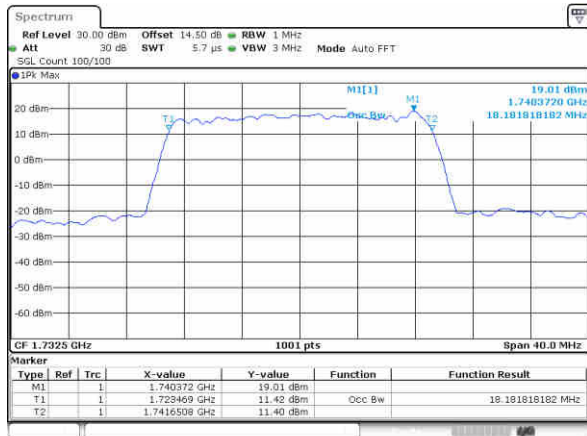
Date: 15, DEC, 2017 13:59:47

Lowest Channel / 20MHz / 16QAM



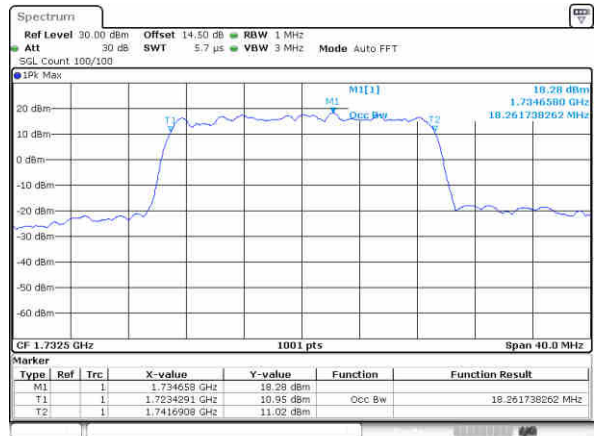
Date: 15, DEC, 2017 13:59:57

Middle Channel / 20MHz / QPSK



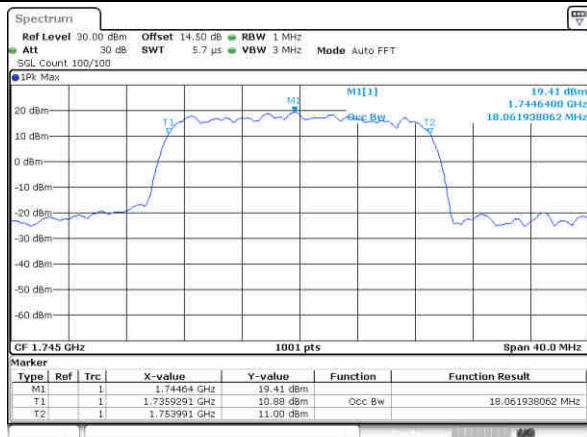
Date: 15, DEC, 2017 14:13:48

Middle Channel / 20MHz / 16QAM



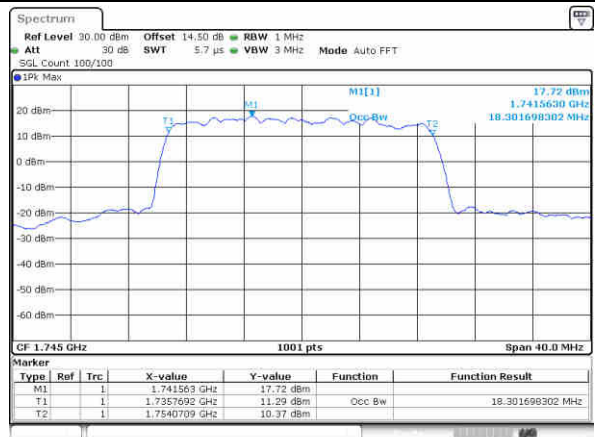
Date: 15, DEC, 2017 14:13:58

Highest Channel / 20MHz / QPSK



Date: 15, DEC, 2017 14:16:20

Highest Channel / 20MHz / 16QAM

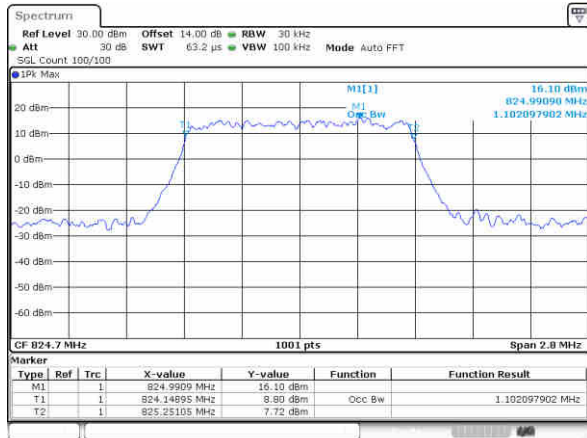


Date: 15, DEC, 2017 14:16:30



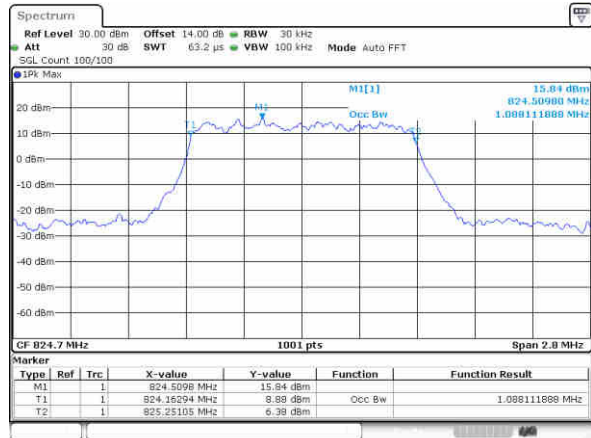
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



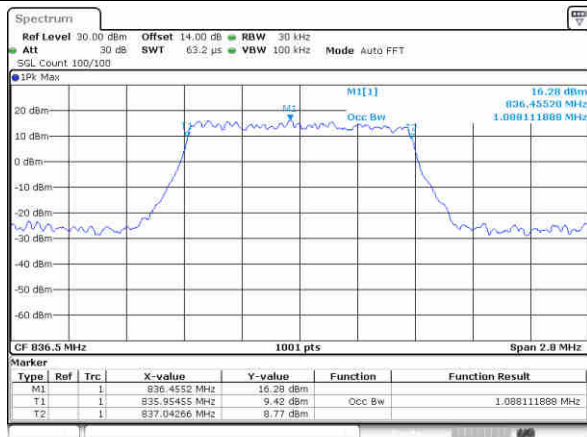
Date: 15, DEC, 2017 09:57:02

Lowest Channel / 1.4MHz / 16QAM



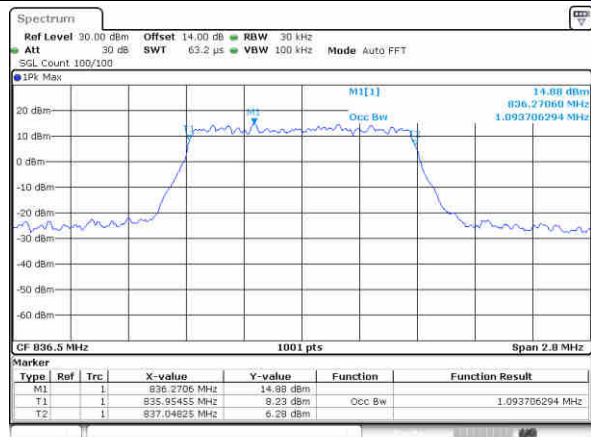
Date: 15, DEC, 2017 09:57:12

Middle Channel / 1.4MHz / QPSK



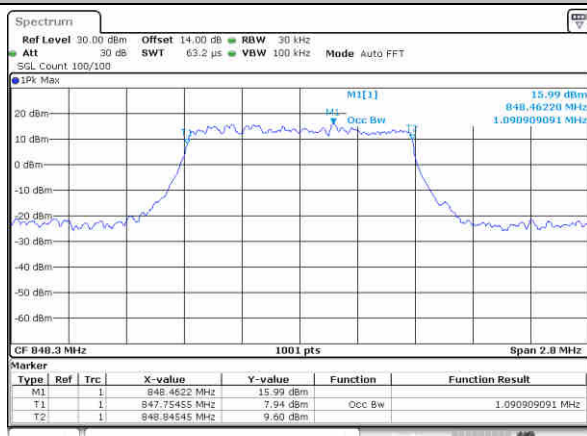
Date: 15, DEC, 2017 10:06:11

Middle Channel / 1.4MHz / 16QAM



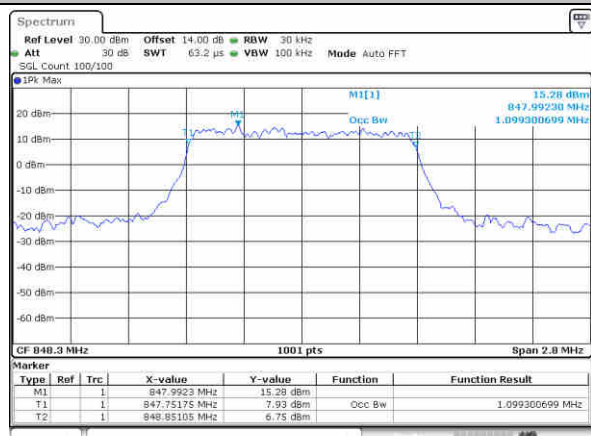
Date: 15, DEC, 2017 10:06:11

Highest Channel / 1.4MHz / QPSK



Date: 15, DEC, 2017 10:08:43

Highest Channel / 1.4MHz / 16QAM



Date: 15, DEC, 2017 10:08:53