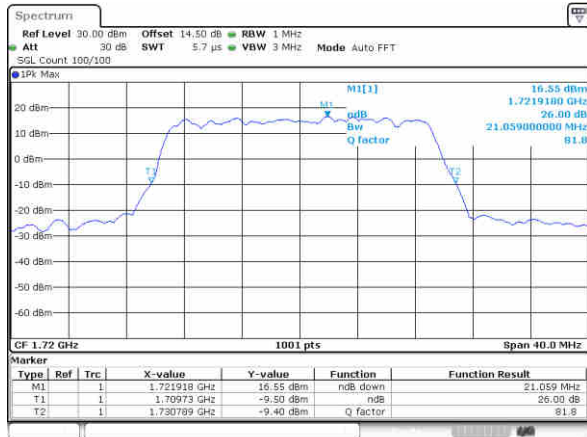




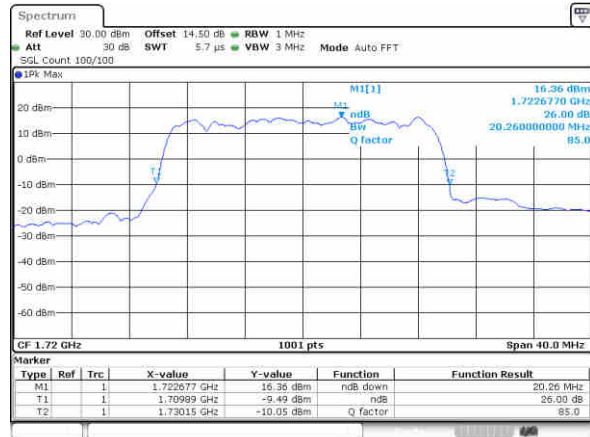
LTE Band 4

Lowest Channel / 20MHz / QPSK



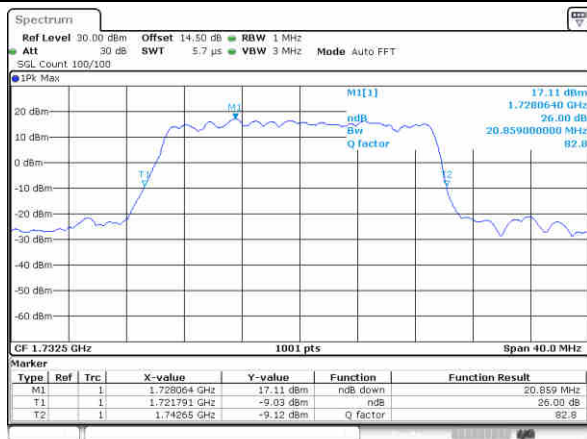
Date: 6, JAN, 2018 11:12:35

Lowest Channel / 20MHz / 16QAM



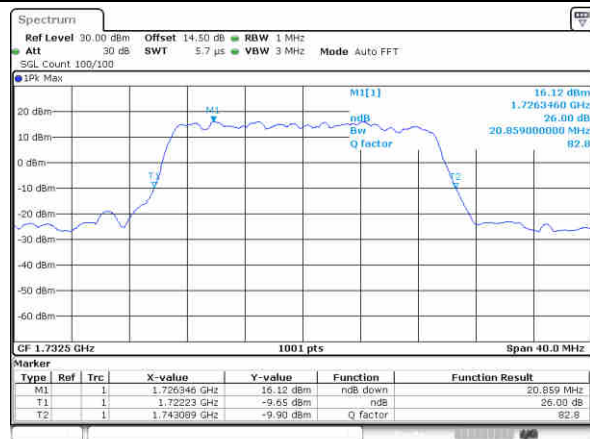
Date: 6, JAN, 2018 11:12:45

Middle Channel / 20MHz / QPSK



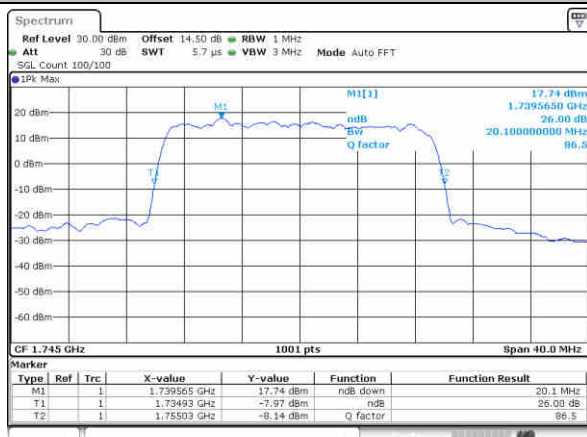
Date: 6, JAN, 2018 11:19:45

Middle Channel / 20MHz / 16QAM



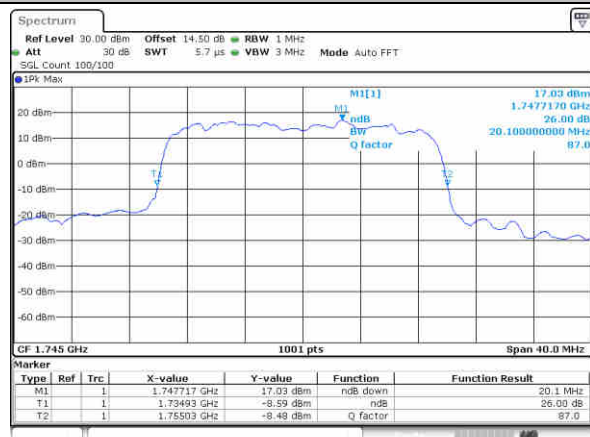
Date: 6, JAN, 2018 11:19:55

Highest Channel / 20MHz / QPSK



Date: 6, JAN, 2018 11:22:17

Highest Channel / 20MHz / 16QAM

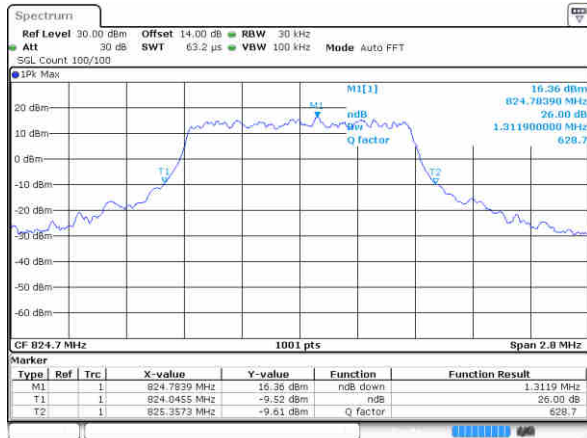


Date: 6, JAN, 2018 11:22:27



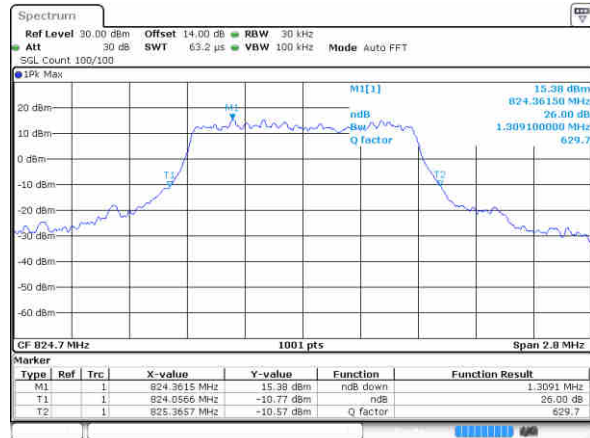
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



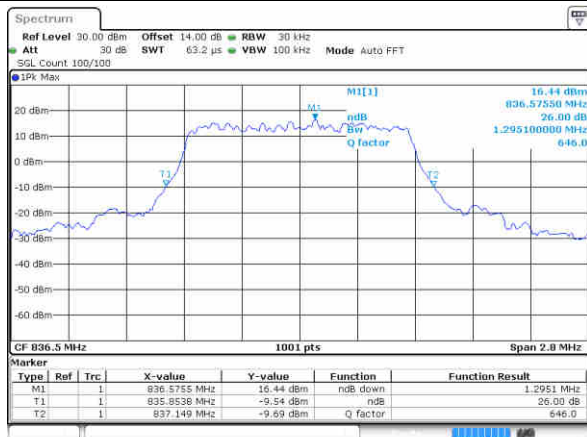
Date: 5 JAN 2018 15:38:49

Lowest Channel / 1.4MHz / 16QAM



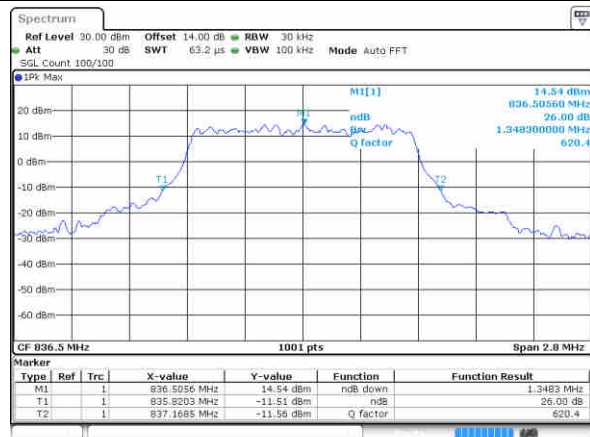
Date: 5 JAN 2018 15:38:39

Middle Channel / 1.4MHz / QPSK



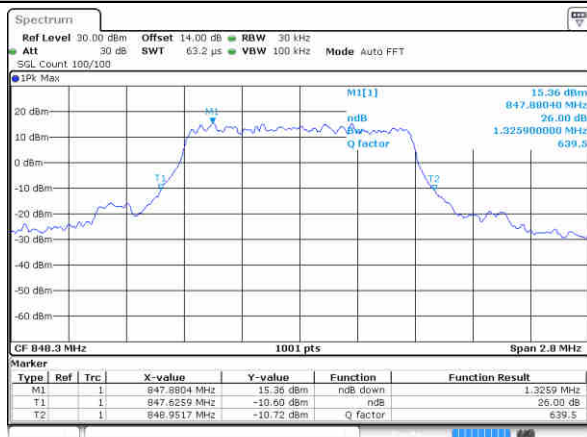
Date: 5 JAN 2018 16:50:57

Middle Channel / 1.4MHz / 16QAM



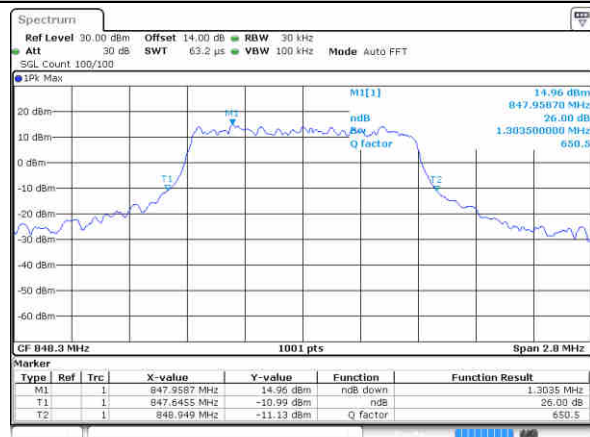
Date: 5 JAN 2018 16:51:07

Highest Channel / 1.4MHz / QPSK



Date: 5 JAN 2018 16:53:23

Highest Channel / 1.4MHz / 16QAM

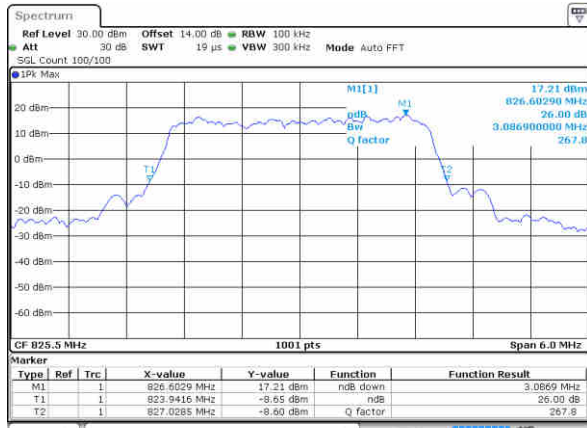


Date: 5 JAN 2018 16:53:33



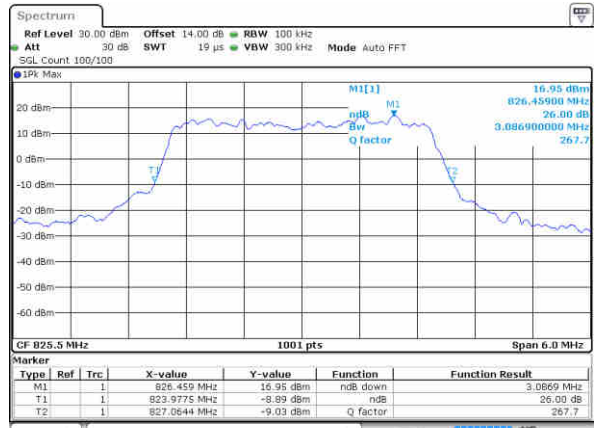
LTE Band 5

Lowest Channel / 3MHz / QPSK



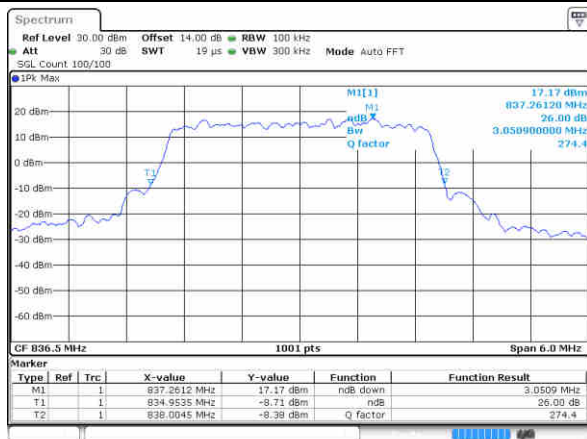
Date: 5 JAN 2018 17:04:29

Lowest Channel / 3MHz / 16QAM



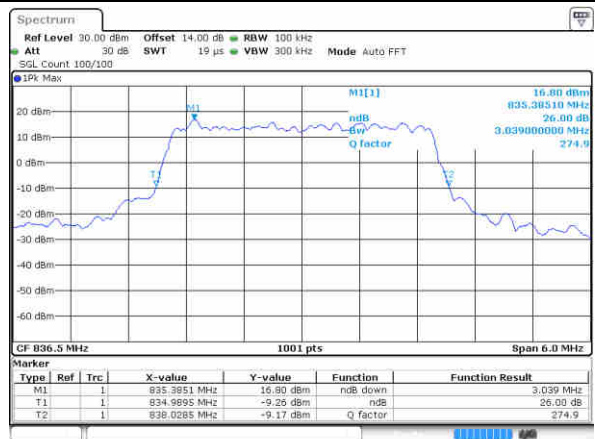
Date: 5 JAN 2018 17:04:39

Middle Channel / 3MHz / QPSK



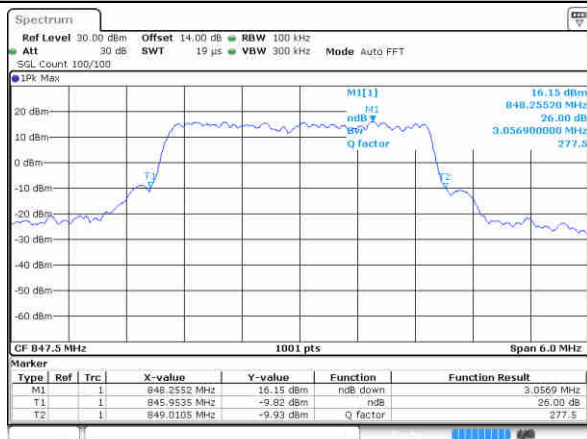
Date: 5 JAN 2018 17:13:26

Middle Channel / 3MHz / 16QAM



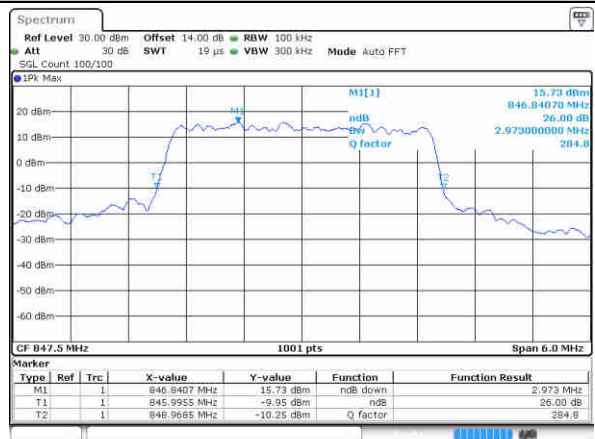
Date: 5 JAN 2018 17:13:36

Highest Channel / 3MHz / QPSK



Date: 5 JAN 2018 17:15:52

Highest Channel / 3MHz / 16QAM

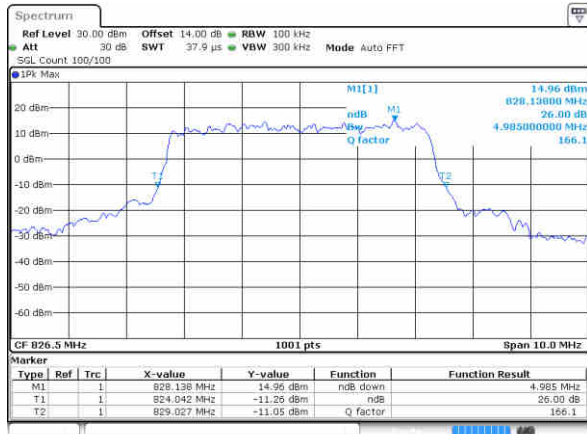


Date: 5 JAN 2018 17:16:01



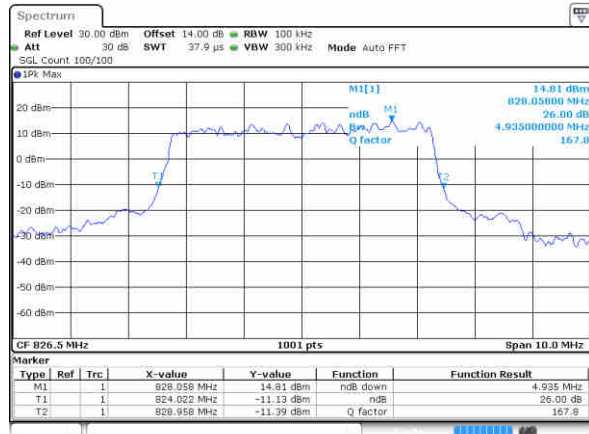
LTE Band 5

Lowest Channel / 5MHz / QPSK



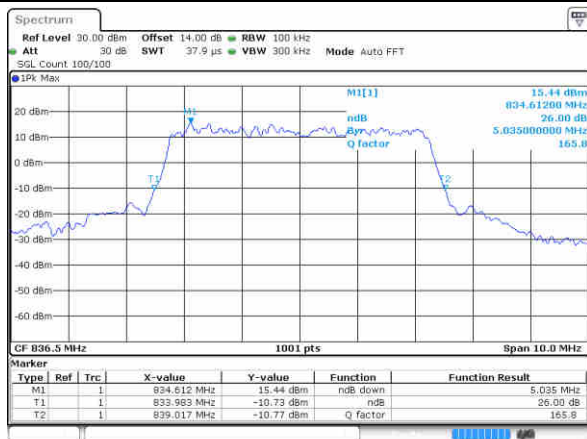
Date: 5 JAN 2018 17:24:49

Lowest Channel / 5MHz / 16QAM



Date: 5 JAN 2018 17:24:59

Middle Channel / 5MHz / QPSK



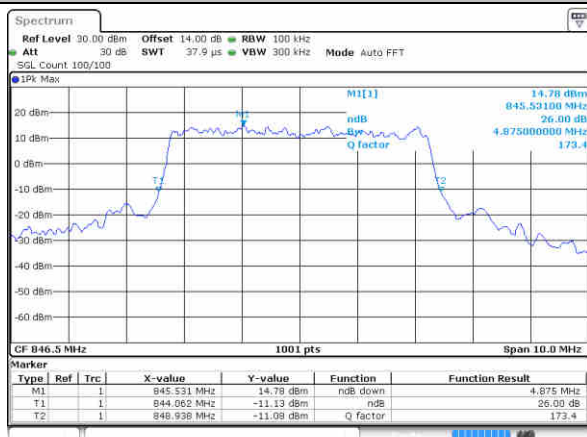
Date: 5 JAN 2018 17:33:59

Middle Channel / 5MHz / 16QAM



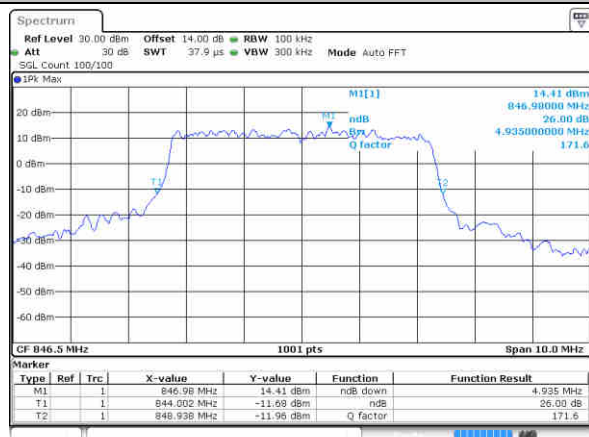
Date: 5 JAN 2018 17:34:09

Highest Channel / 5MHz / QPSK



Date: 5 JAN 2018 17:36:25

Highest Channel / 5MHz / 16QAM

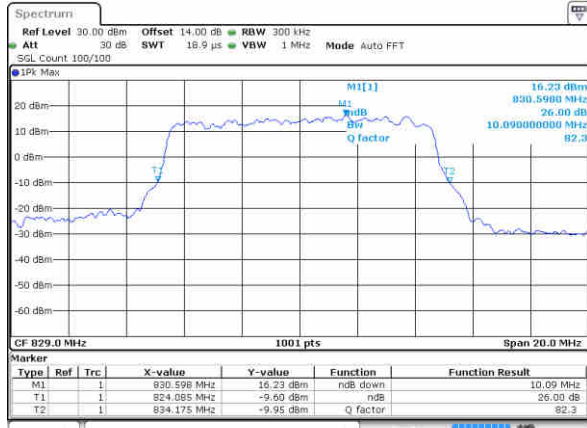


Date: 5 JAN 2018 17:36:35

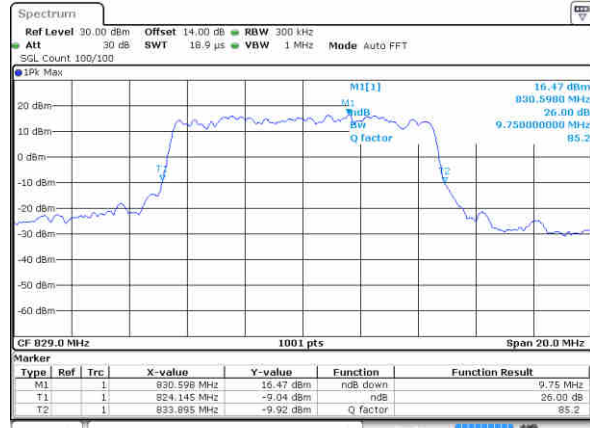


LTE Band 5

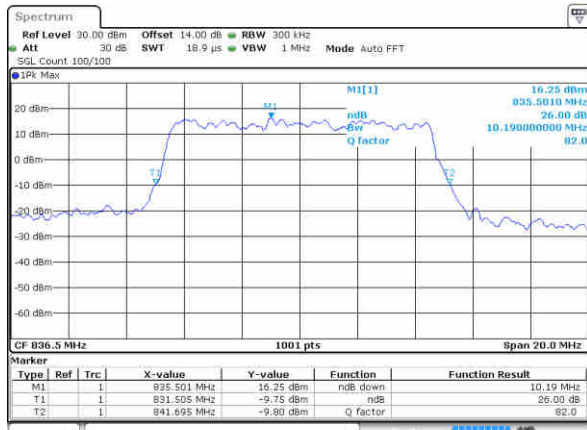
Lowest Channel / 10MHz / QPSK



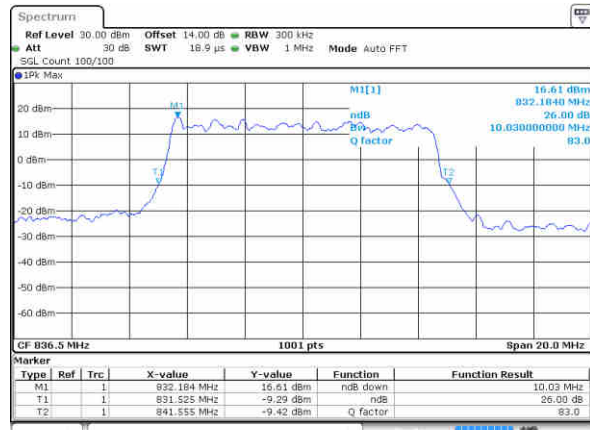
Lowest Channel / 10MHz / 16QAM



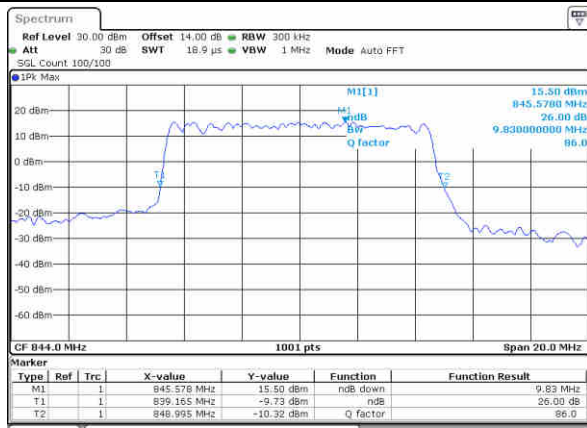
Middle Channel / 10MHz / QPSK



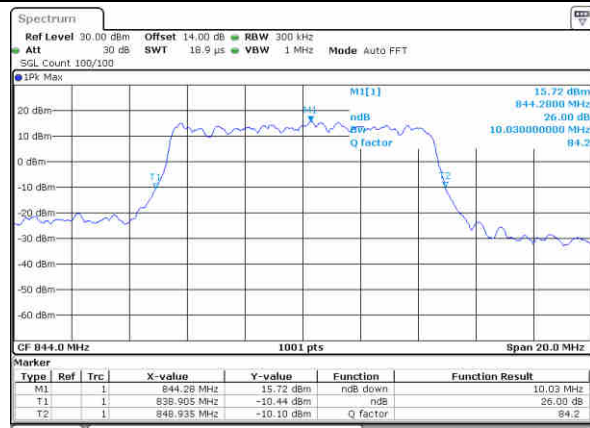
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



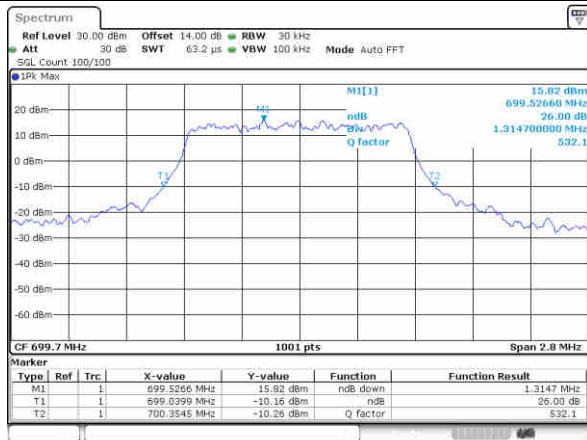
Highest Channel / 10MHz / 16QAM





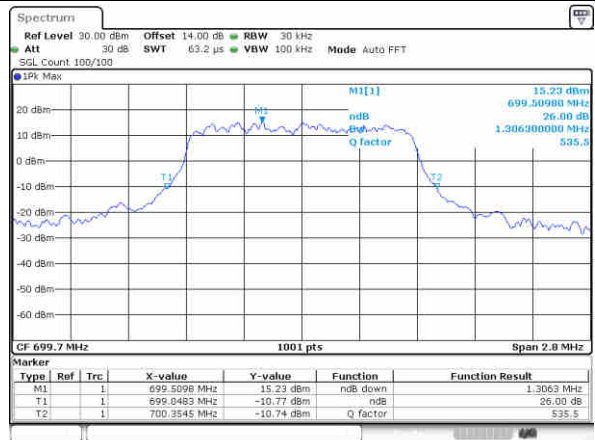
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



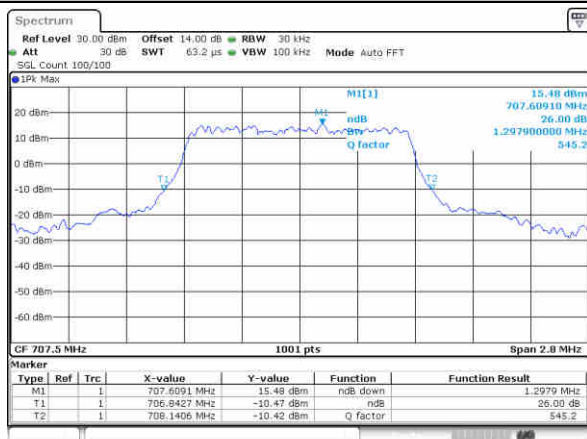
Date: 6, JAN, 2018 00:38:47

Lowest Channel / 1.4MHz / 16QAM



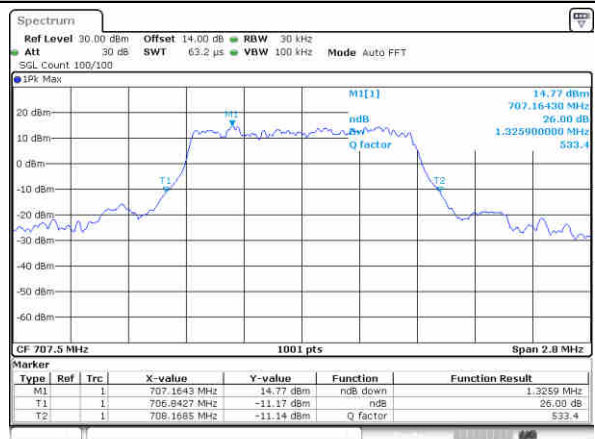
Date: 6, JAN, 2018 03:12:54

Middle Channel / 1.4MHz / QPSK



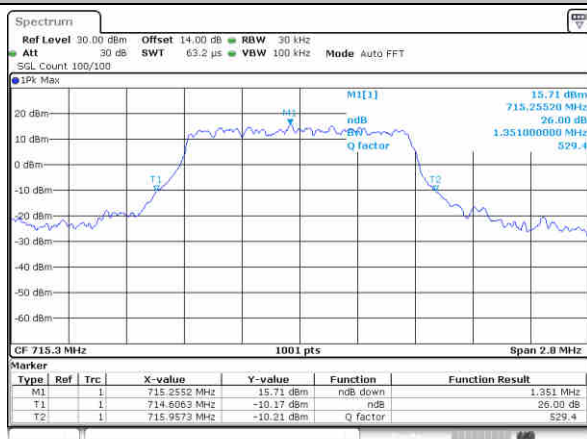
Date: 6, JAN, 2018 00:46:51

Middle Channel / 1.4MHz / 16QAM



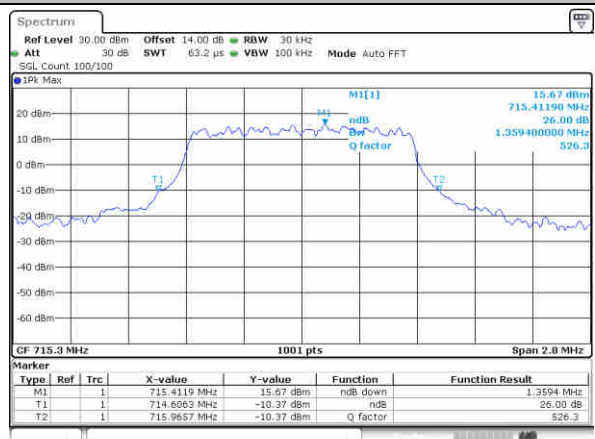
Date: 6, JAN, 2018 00:47:17

Highest Channel / 1.4MHz / QPSK



Date: 6, JAN, 2018 00:49:29

Highest Channel / 1.4MHz / 16QAM

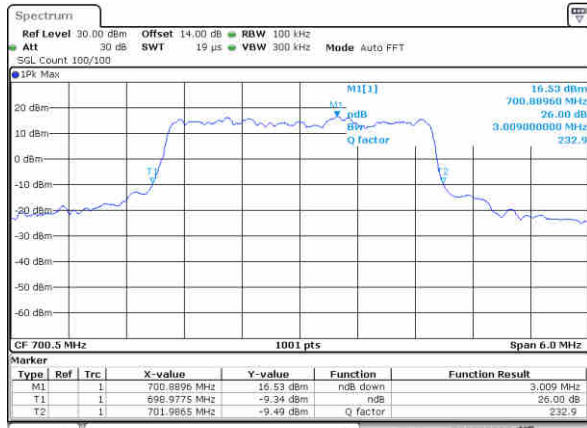


Date: 6, JAN, 2018 00:50:12



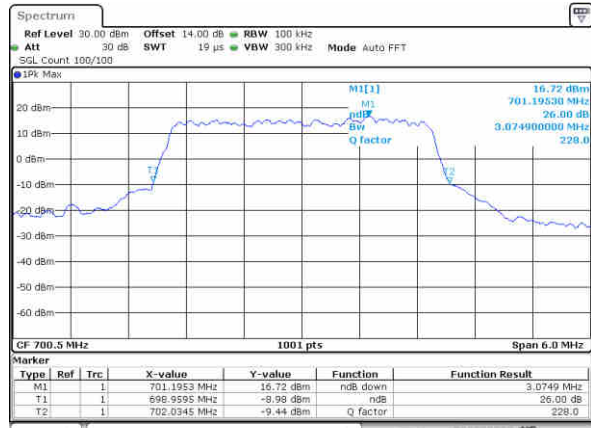
LTE Band 12

Lowest Channel / 3MHz / QPSK



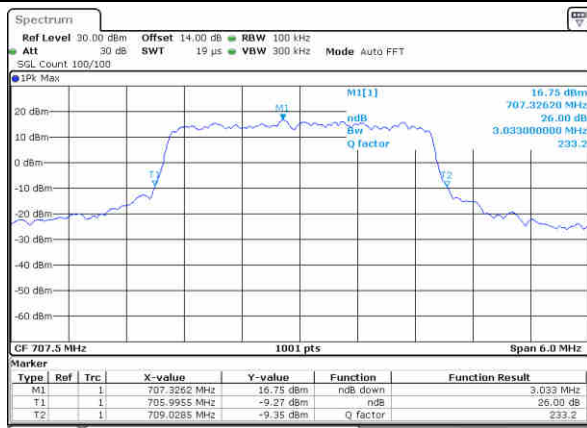
Date: 6, JAN, 2018 09:59:27

Lowest Channel / 3MHz / 16QAM



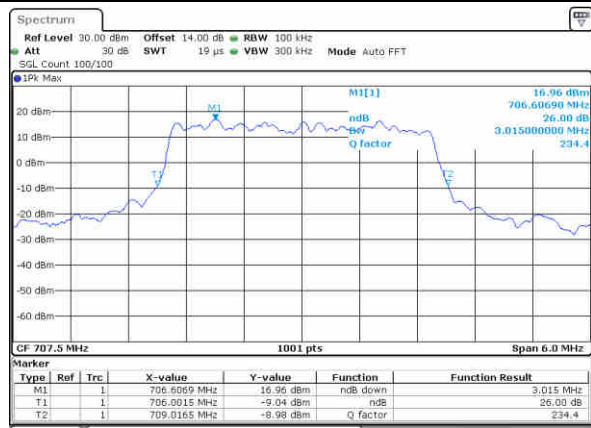
Date: 6, JAN, 2018 01:00:03

Middle Channel / 3MHz / QPSK



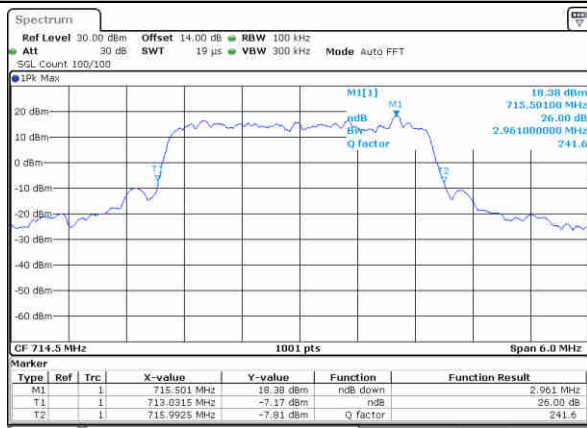
Date: 6, JAN, 2018 01:08:40

Middle Channel / 3MHz / 16QAM



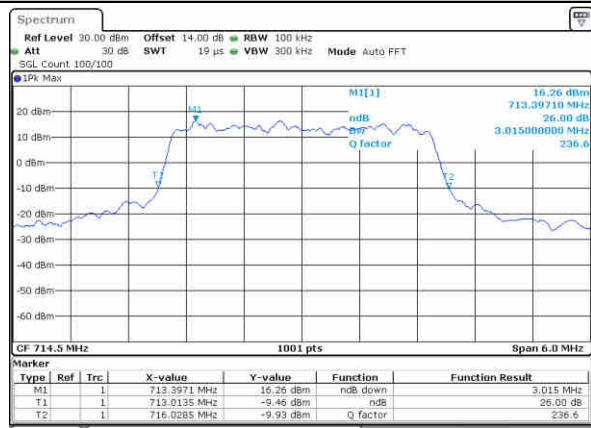
Date: 6, JAN, 2018 01:08:56

Highest Channel / 3MHz / QPSK



Date: 6, JAN, 2018 01:11:12

Highest Channel / 3MHz / 16QAM

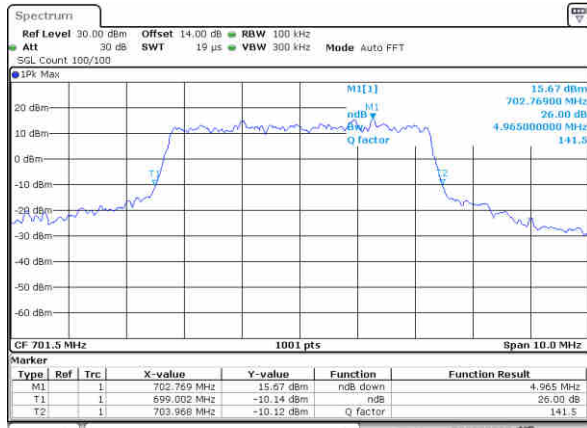


Date: 6, JAN, 2018 01:11:40

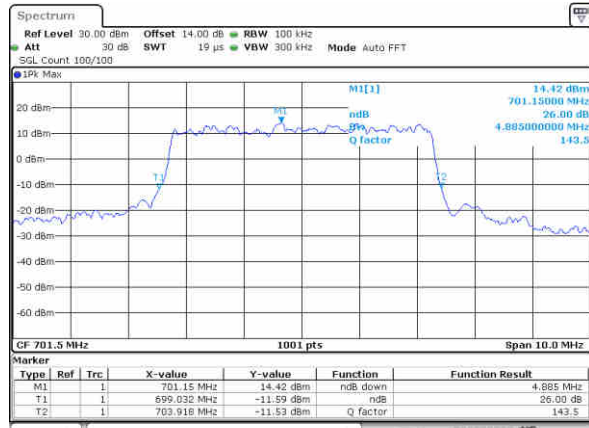


LTE Band 12

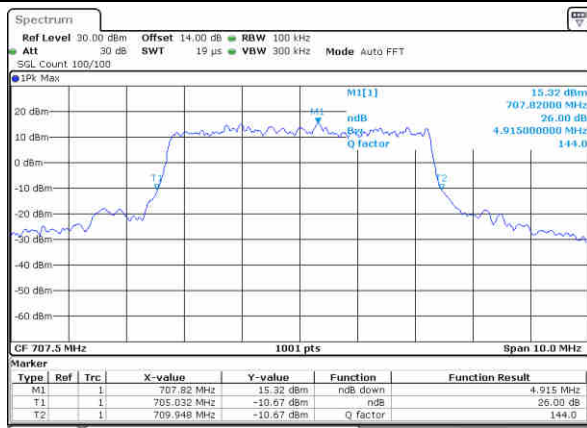
Lowest Channel / 5MHz / QPSK



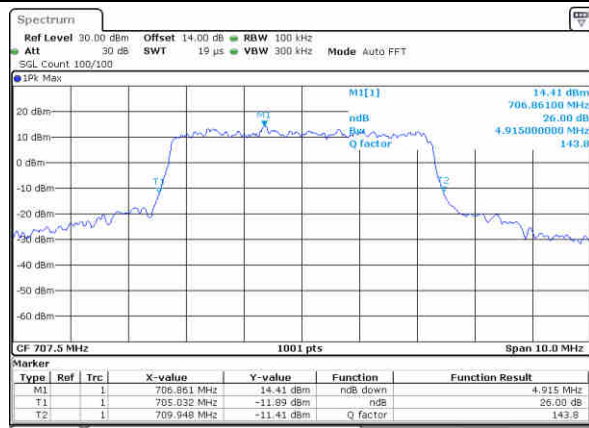
Lowest Channel / 5MHz / 16QAM



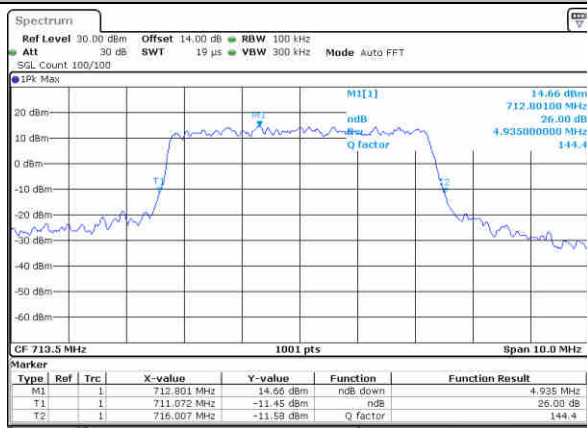
Middle Channel / 5MHz / QPSK



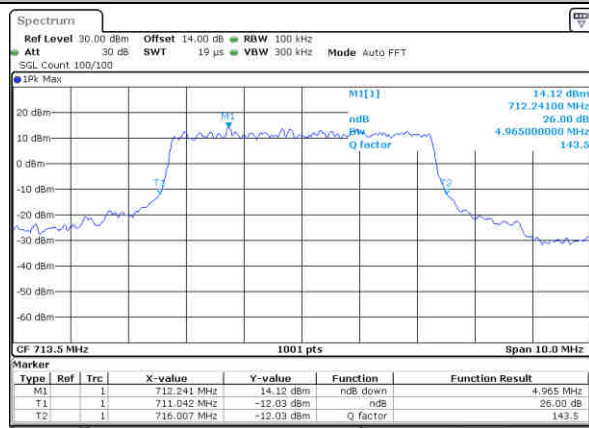
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



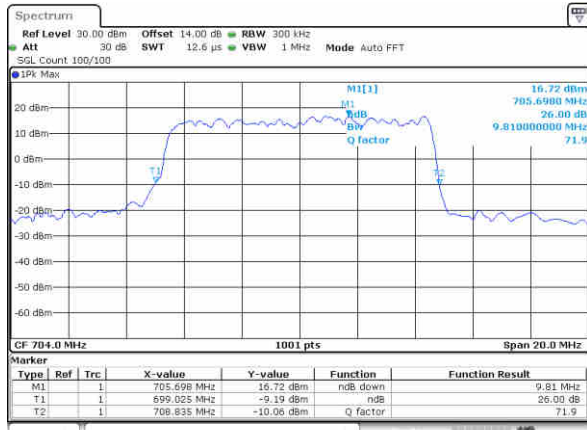
Highest Channel / 5MHz / 16QAM





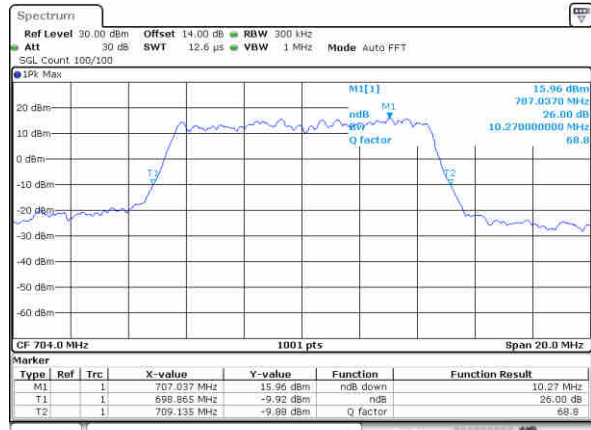
LTE Band 12

Lowest Channel / 10MHz / QPSK



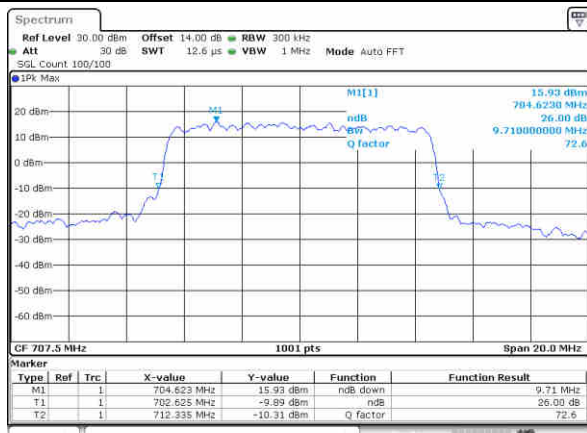
Date: 6, JAN, 2018 01:53:14

Lowest Channel / 10MHz / 16QAM



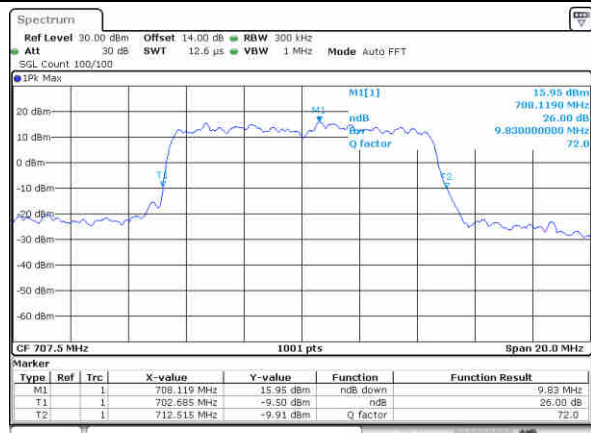
Date: 6, JAN, 2018 01:53:14

Middle Channel / 10MHz / QPSK



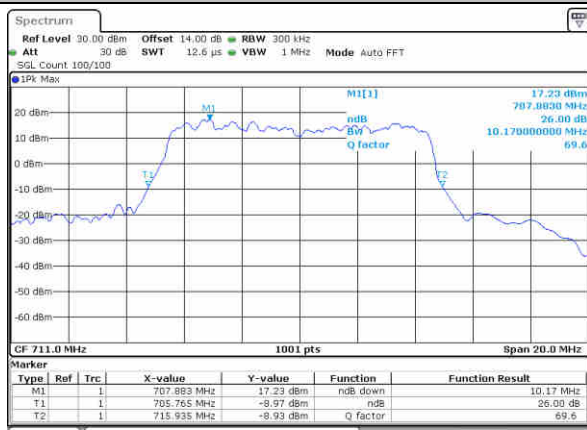
Date: 6, JAN, 2018 02:01:14

Middle Channel / 10MHz / 16QAM



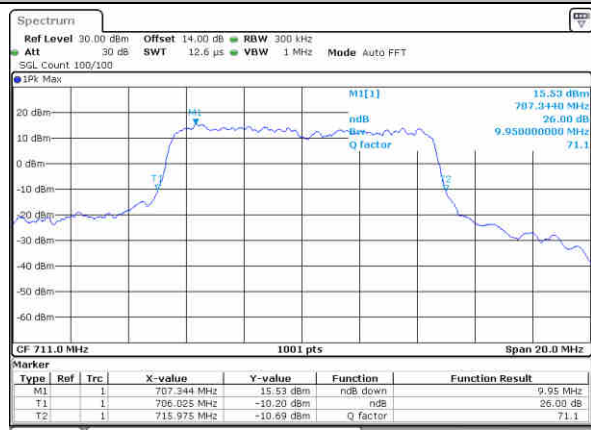
Date: 6, JAN, 2018 02:01:14

Highest Channel / 10MHz / QPSK



Date: 6, JAN, 2018 02:04:49

Highest Channel / 10MHz / 16QAM

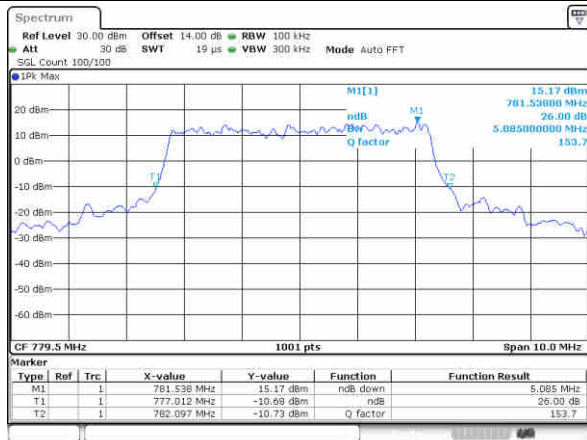


Date: 6, JAN, 2018 02:04:24



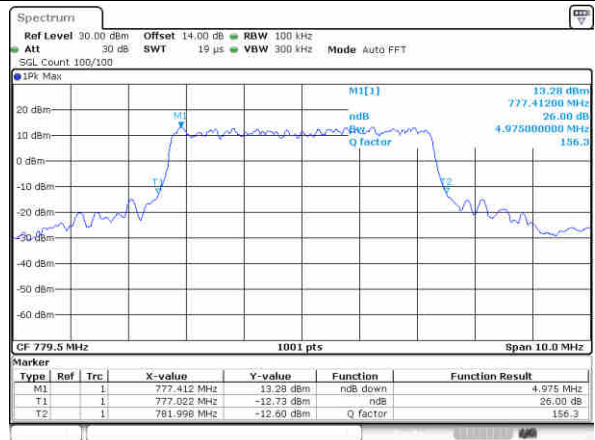
LTE Band 13

Lowest Channel / 5MHz / QPSK



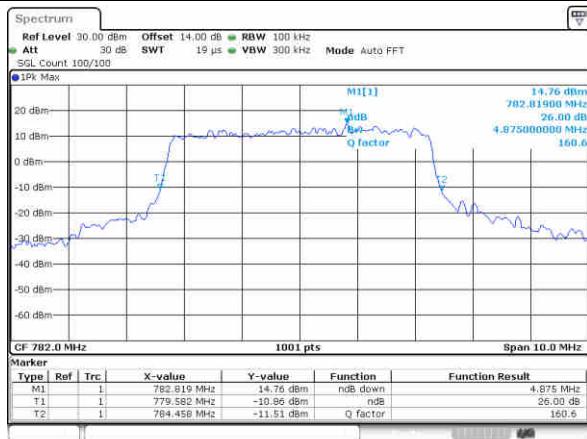
Date: 6, JAN, 2018 11:42:47

Lowest Channel / 5MHz / 16QAM



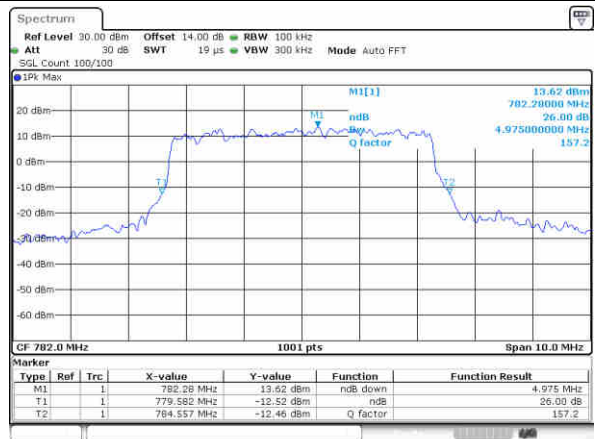
Date: 6, JAN, 2018 11:42:57

Middle Channel / 5MHz / QPSK



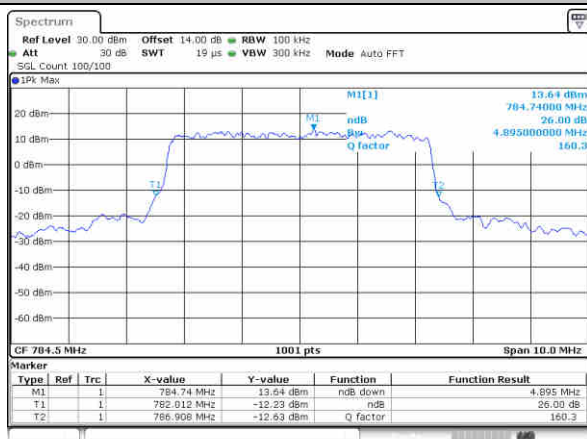
Date: 6, JAN, 2018 11:51:57

Middle Channel / 5MHz / 16QAM



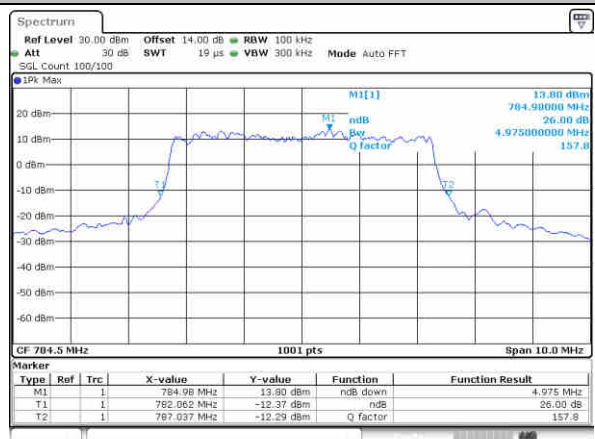
Date: 6, JAN, 2018 11:52:07

Highest Channel / 5MHz / QPSK



Date: 6, JAN, 2018 11:54:20

Highest Channel / 5MHz / 16QAM

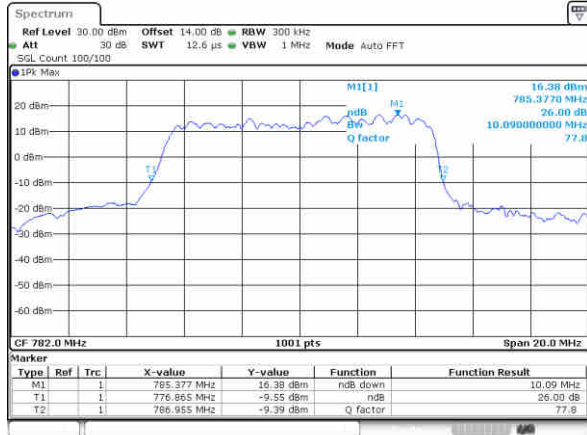


Date: 6, JAN, 2018 11:54:30



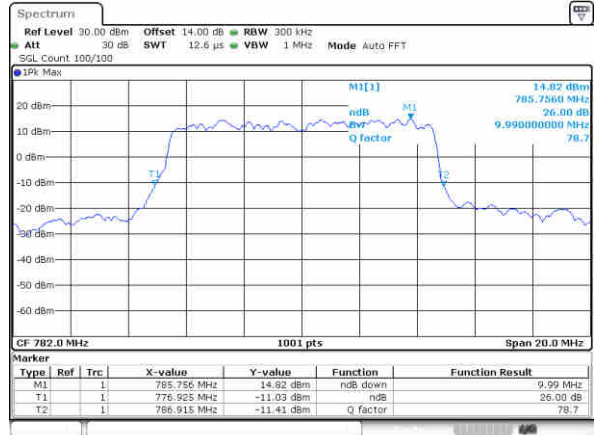
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 6, JAN, 2018 12:00:37

Middle Channel / 10MHz / 16QAM



Date: 6, JAN, 2018 12:00:47



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	4.47	9.07	9.07	13.43	13.49	18.42	18.46
Middle CH	1.1	1.09	2.75	2.72	4.49	4.5	9.01	9.05	13.46	13.43	18.38	18.42
Highest CH	1.1	1.11	2.7	2.72	4.51	4.5	9.11	8.99	13.43	13.46	18.34	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	1.1	1.09	2.72	2.72	4.48	4.5	9.03	9.01	13.58	13.49	18.34	18.26
Middle CH	1.1	1.1	2.71	2.72	4.5	4.5	9.01	9.01	13.46	13.46	18.34	18.34
Highest CH	1.1	1.1	2.72	2.73	4.47	4.5	9.05	9.01	13.4	13.52	18.18	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	4.5	4.49	9.01	9.05	-	-	-	-
Middle CH	1.11	1.09	2.75	2.73	4.48	4.51	9.09	9.05	-	-	-	-
Highest CH	1.1	1.09	2.74	2.72	4.47	4.47	9.03	9.03	-	-	-	-

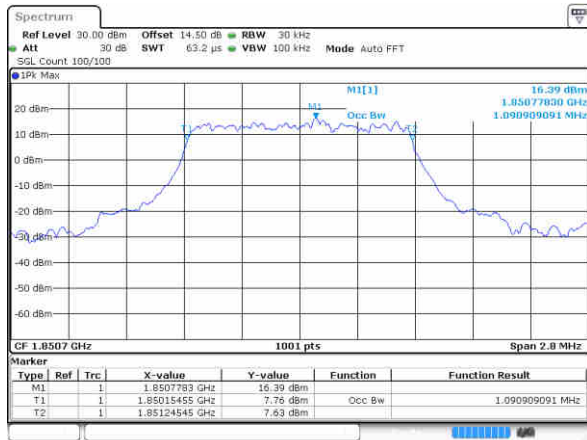
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.09	2.72	2.72	4.49	4.51	9.03	8.95	-	-	-	-
Middle CH	1.1	1.1	2.74	2.7	4.48	4.49	9.03	9.01	-	-	-	-
Highest CH	1.1	1.12	2.73	2.7	4.49	4.5	9.07	9.03	-	-	-	-

Mode	LTE Band 13 : 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	4.5	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	4.47	9.01	8.99	-	-	-	-
Highest CH	-	-	-	-	4.48	4.5	-	-	-	-	-	-

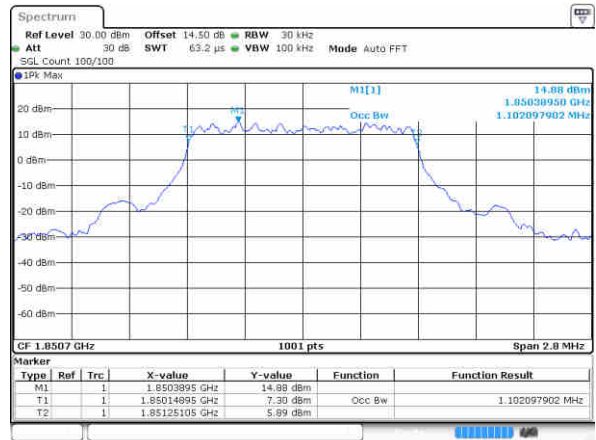


LTE Band 2

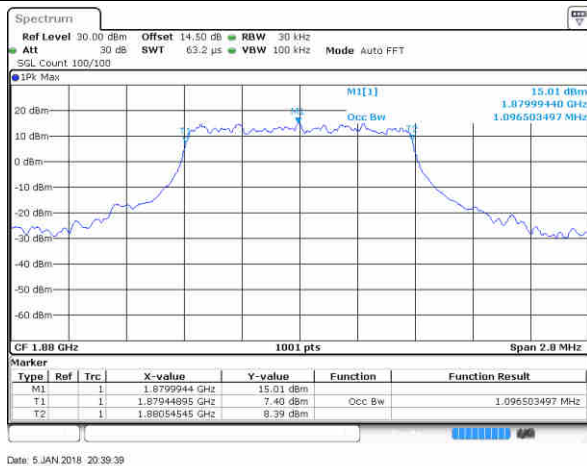
Lowest Channel / 1.4MHz / QPSK



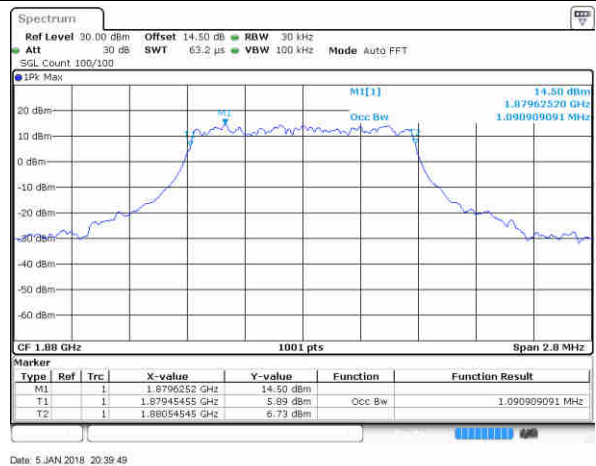
Lowest Channel / 1.4MHz / 16QAM



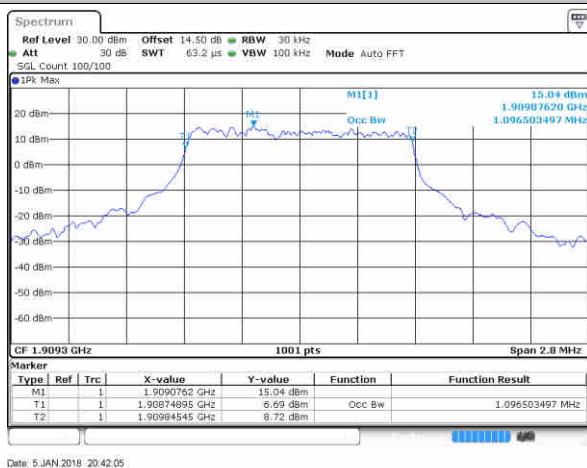
Middle Channel / 1.4MHz / QPSK



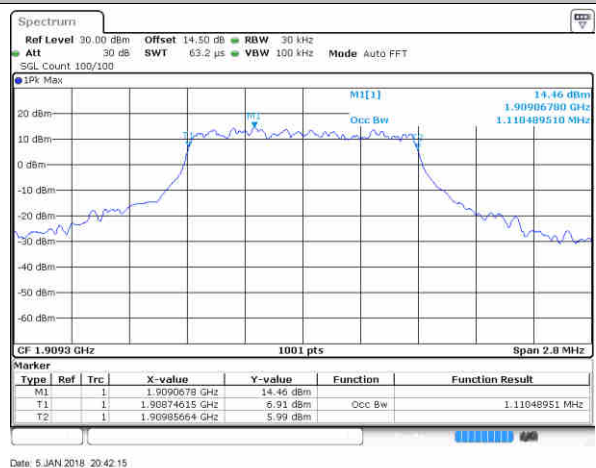
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



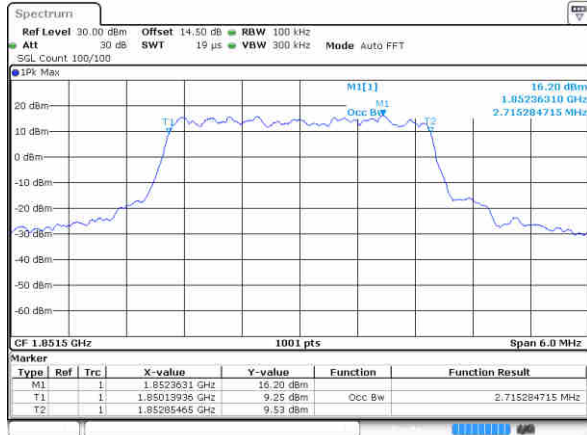
Highest Channel / 1.4MHz / 16QAM



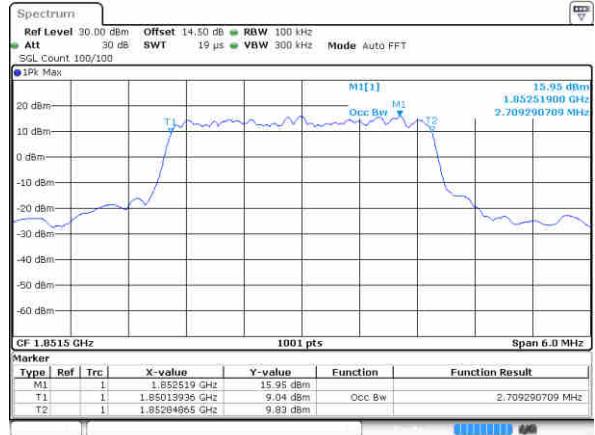


LTE Band 2

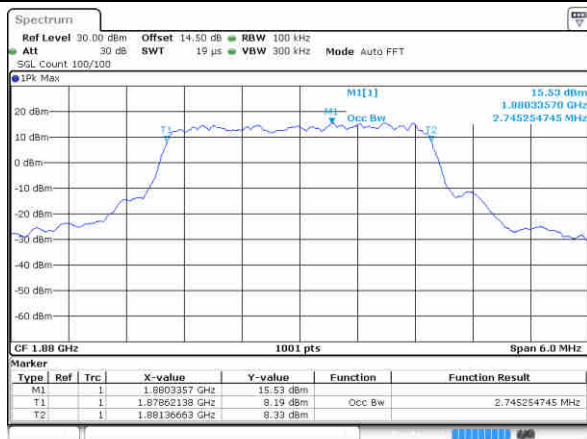
Lowest Channel / 3MHz / QPSK



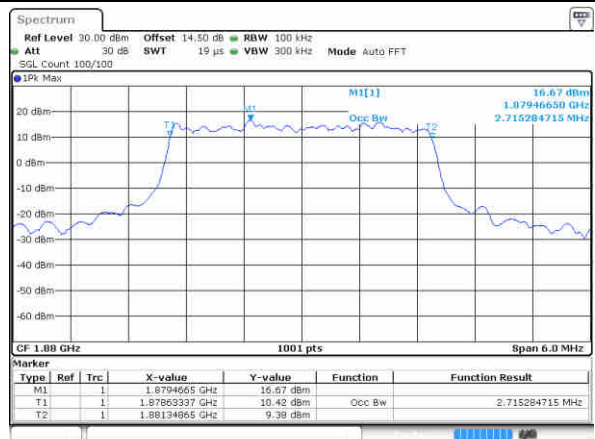
Lowest Channel / 3MHz / 16QAM



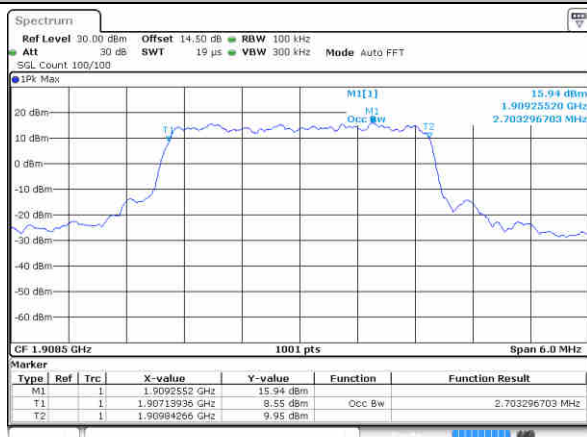
Middle Channel / 3MHz / QPSK



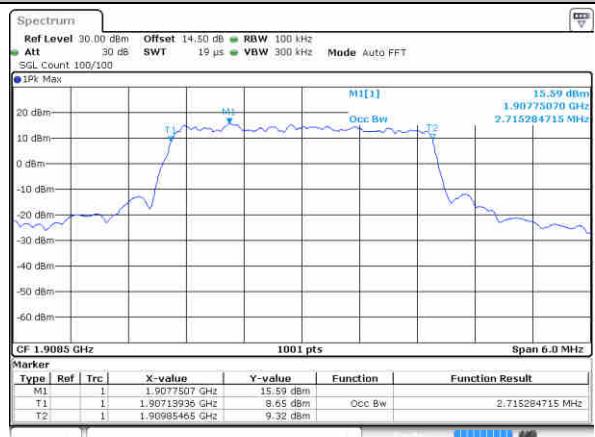
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



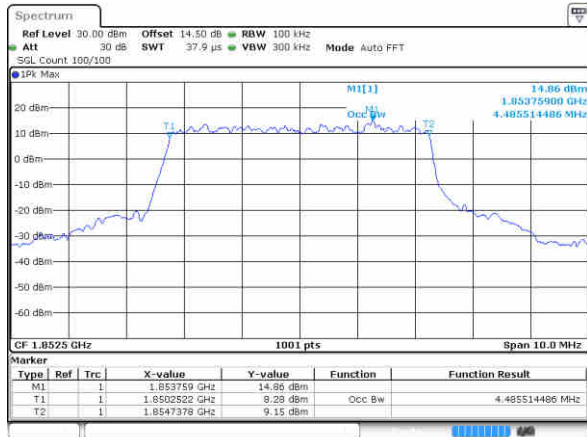
Highest Channel / 3MHz / 16QAM





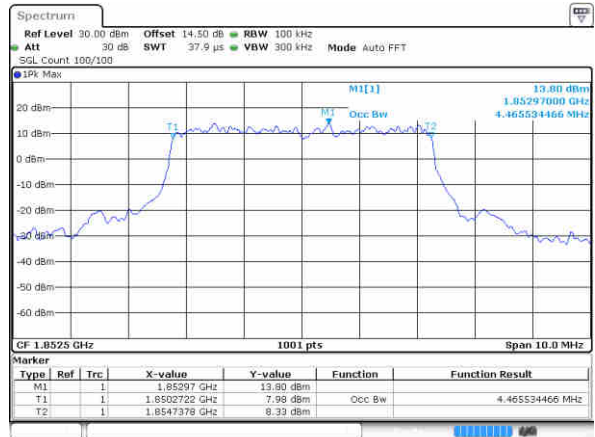
LTE Band 2

Lowest Channel / 5MHz / QPSK



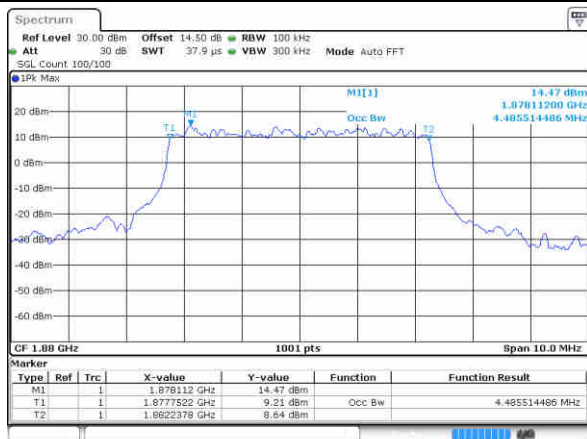
Date: 5 JAN 2018 21:05:23

Lowest Channel / 5MHz / 16QAM



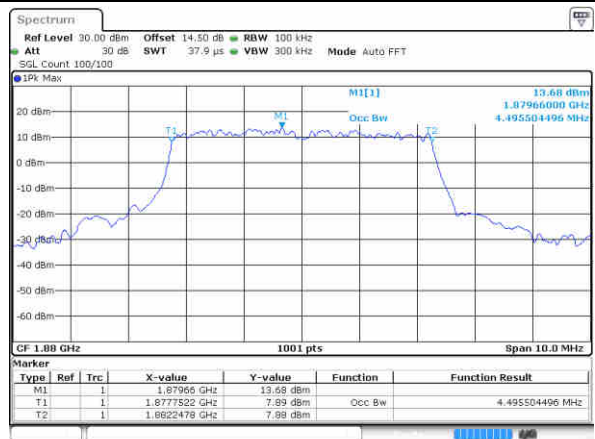
Date: 5 JAN 2018 21:05:33

Middle Channel / 5MHz / QPSK



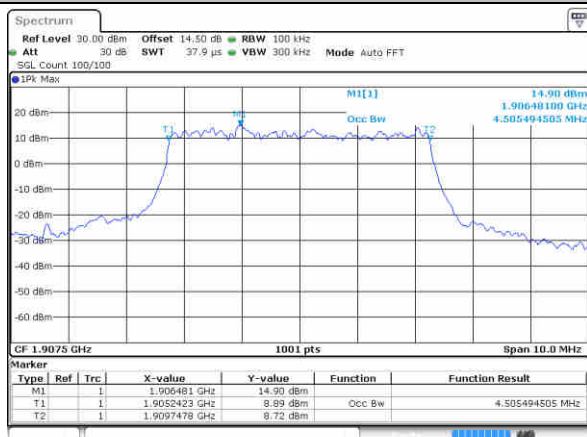
Date: 5 JAN 2018 21:12:21

Middle Channel / 5MHz / 16QAM



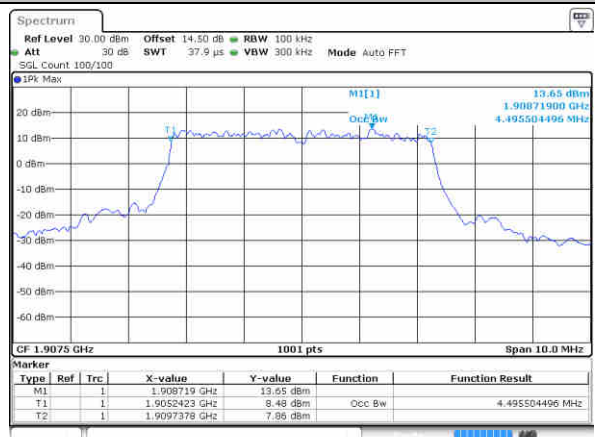
Date: 5 JAN 2018 21:12:31

Highest Channel / 5MHz / QPSK



Date: 5 JAN 2018 21:14:47

Highest Channel / 5MHz / 16QAM

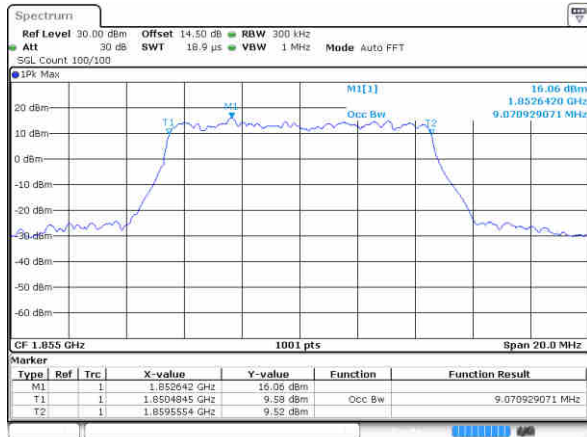


Date: 5 JAN 2018 21:14:56



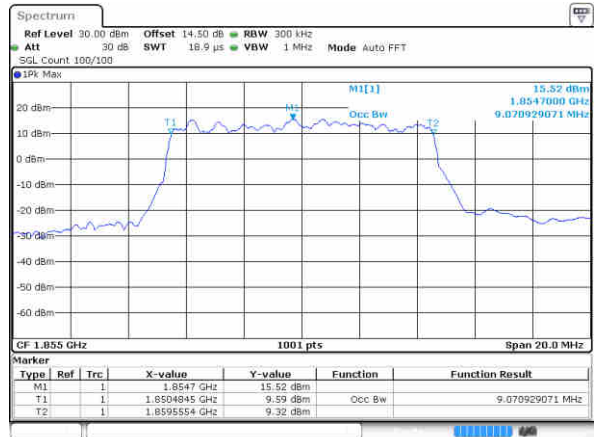
LTE Band 2

Lowest Channel / 10MHz / QPSK



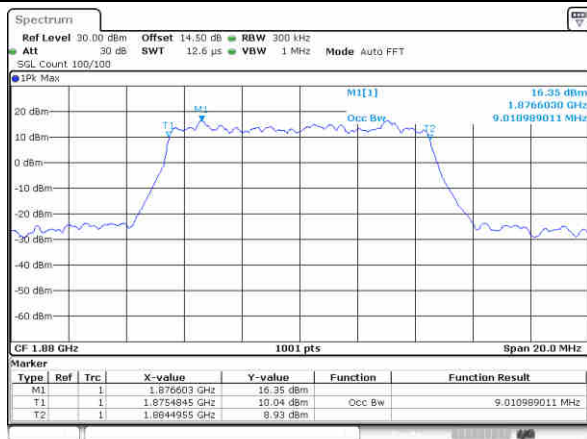
Date: 5 JAN 2018 21:21:44

Lowest Channel / 10MHz / 16QAM



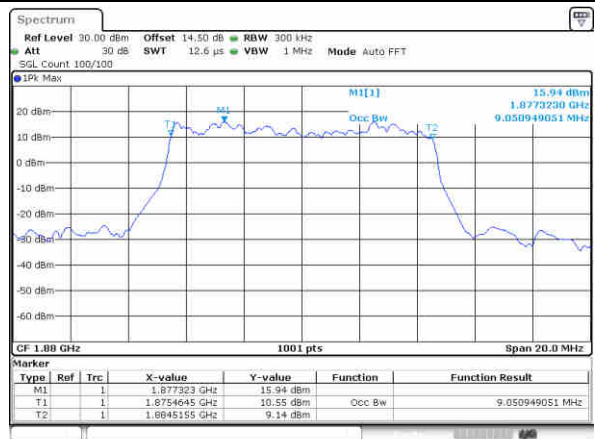
Date: 5 JAN 2018 21:21:54

Middle Channel / 10MHz / QPSK



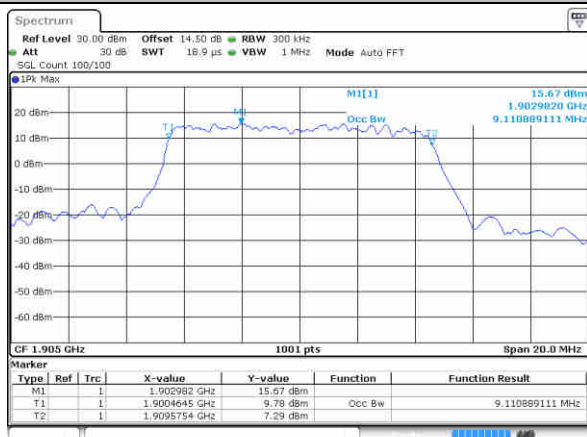
Date: 5 JAN 2018 23:27:46

Middle Channel / 10MHz / 16QAM



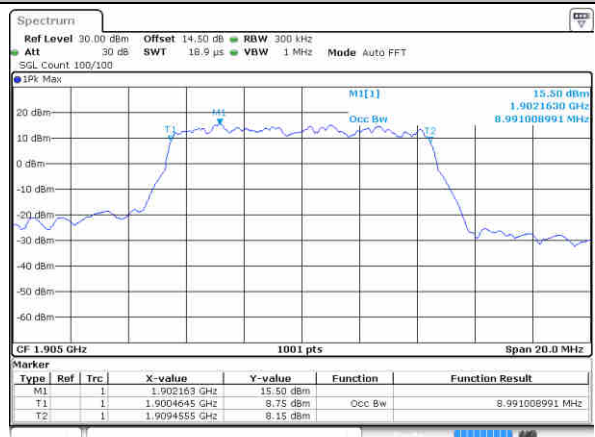
Date: 5 JAN 2018 23:27:51

Highest Channel / 10MHz / QPSK



Date: 5 JAN 2018 21:32:36

Highest Channel / 10MHz / 16QAM

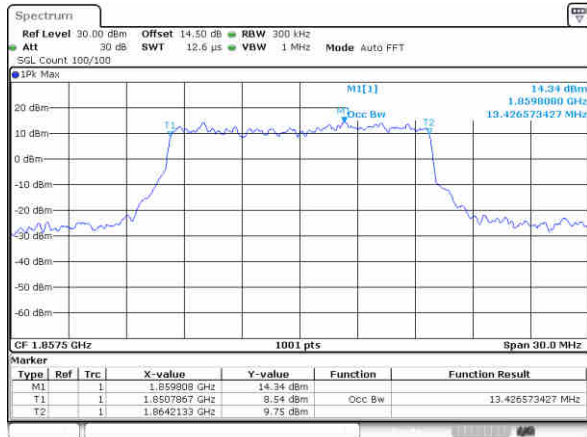


Date: 5 JAN 2018 21:32:46

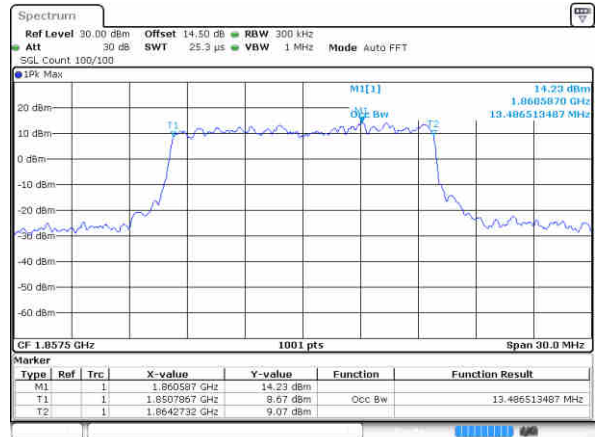


LTE Band 2

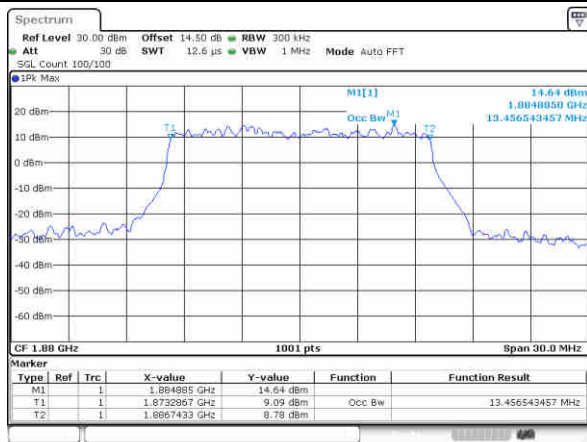
Lowest Channel / 15MHz / QPSK



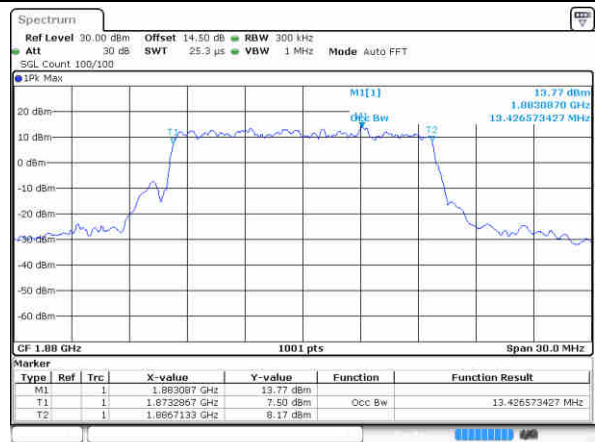
Lowest Channel / 15MHz / 16QAM



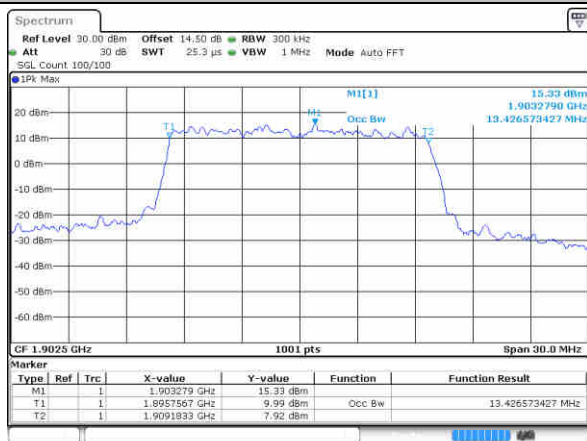
Middle Channel / 15MHz / QPSK



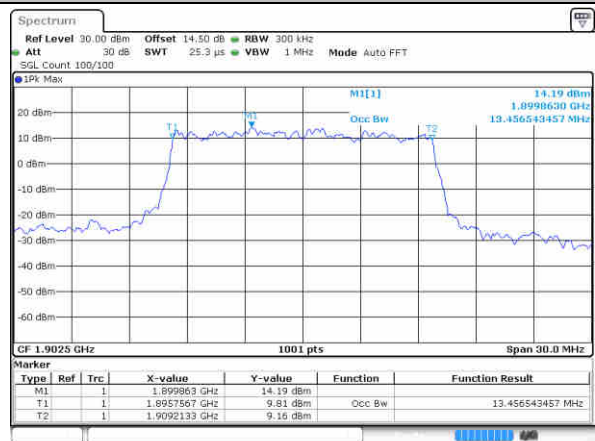
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



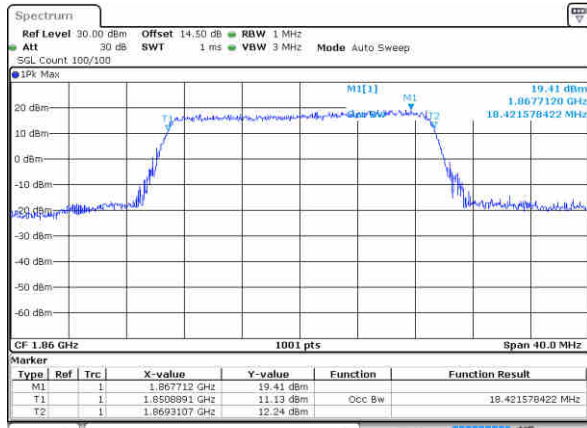
Highest Channel / 15MHz / 16QAM





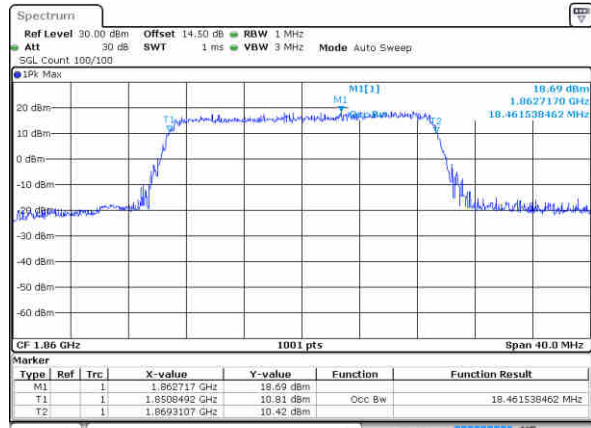
LTE Band 2

Lowest Channel / 20MHz / QPSK



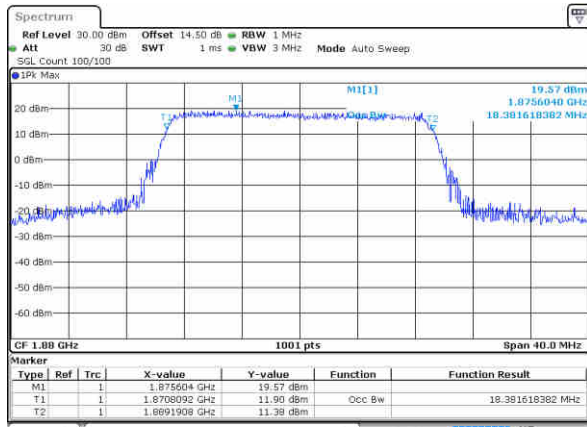
Date: 5 JAN 2018 22:09:20

Lowest Channel / 20MHz / 16QAM



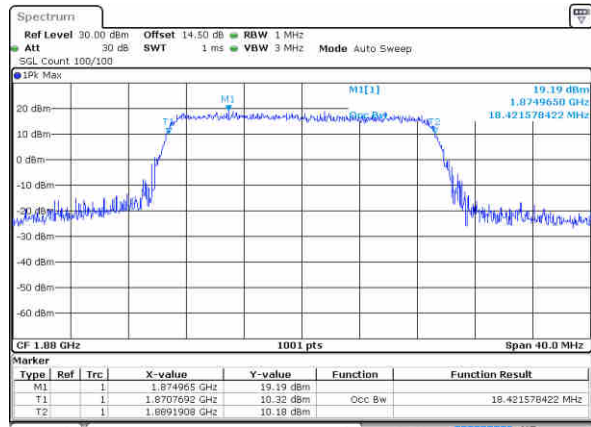
Date: 5 JAN 2018 22:09:30

Middle Channel / 20MHz / QPSK



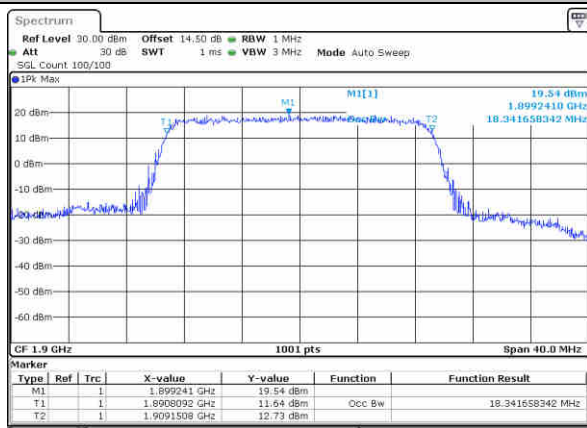
Date: 5 JAN 2018 22:17:34

Middle Channel / 20MHz / 16QAM



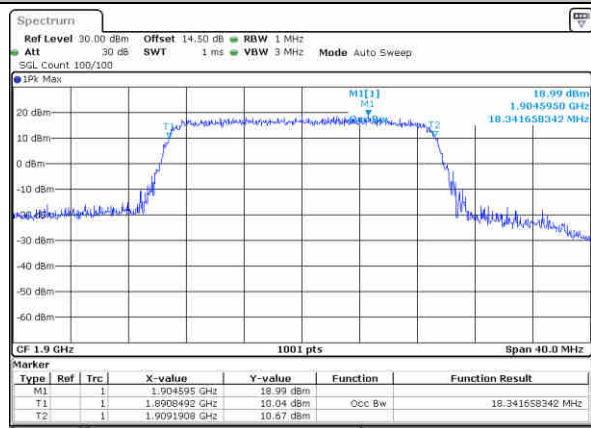
Date: 5 JAN 2018 22:17:44

Highest Channel / 20MHz / QPSK



Date: 5 JAN 2018 22:20:00

Highest Channel / 20MHz / 16QAM

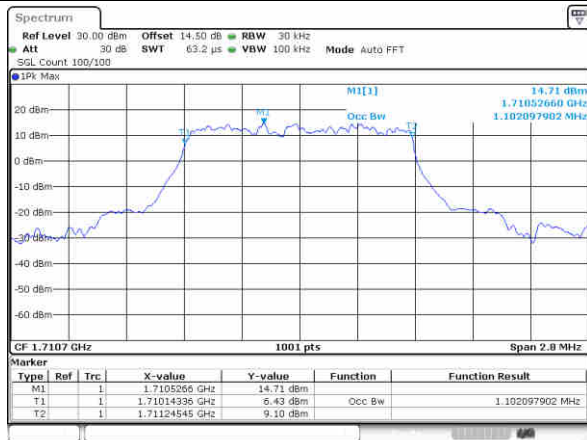


Date: 5 JAN 2018 22:20:10



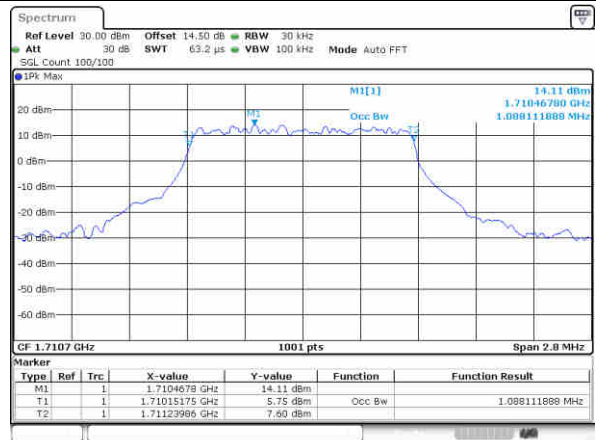
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



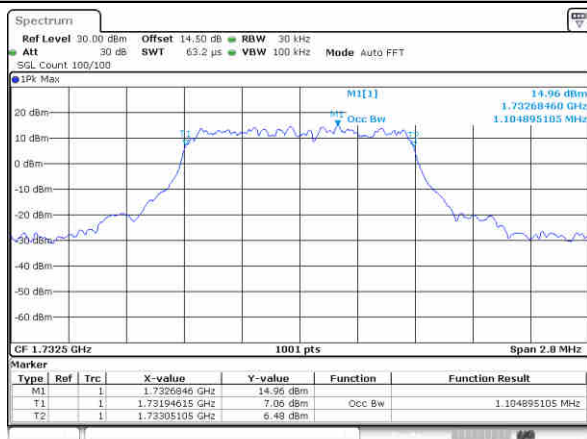
Date: 6, JAN, 2018 09:47:54

Lowest Channel / 1.4MHz / 16QAM



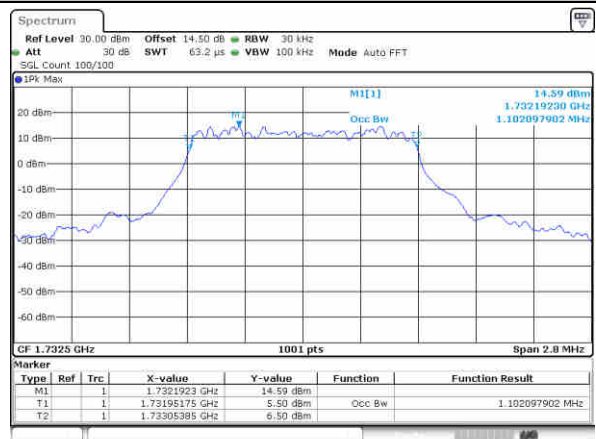
Date: 6, JAN, 2018 09:48:04

Middle Channel / 1.4MHz / QPSK



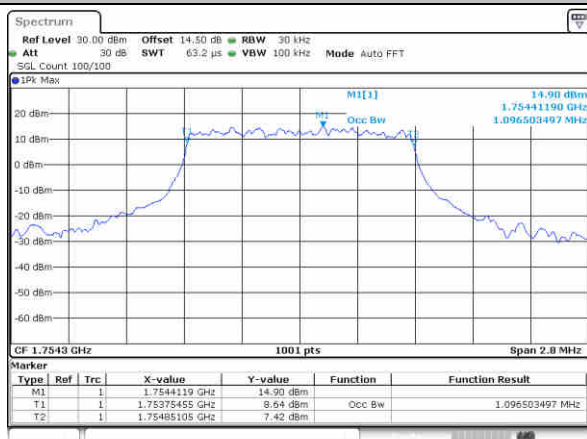
Date: 6, JAN, 2018 09:55:05

Middle Channel / 1.4MHz / 16QAM



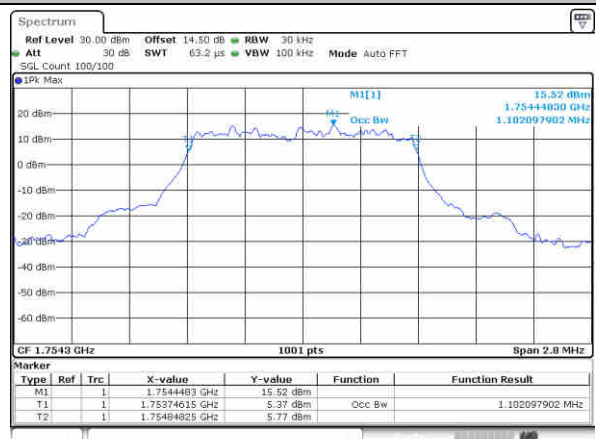
Date: 6, JAN, 2018 09:55:15

Highest Channel / 1.4MHz / QPSK



Date: 6, JAN, 2018 09:57:37

Highest Channel / 1.4MHz / 16QAM

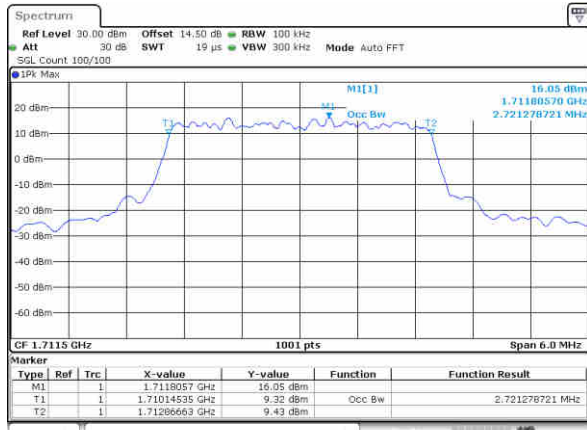


Date: 6, JAN, 2018 09:57:47

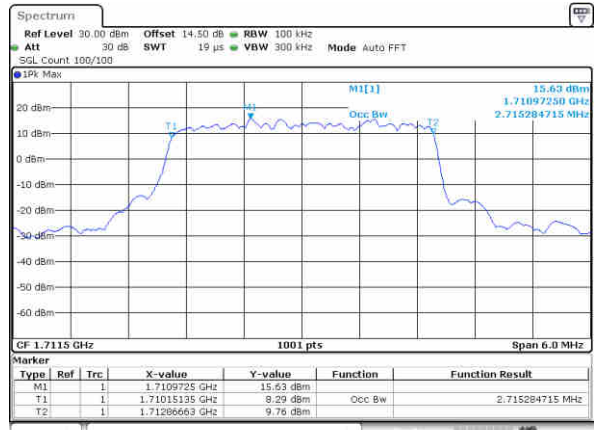


LTE Band 4

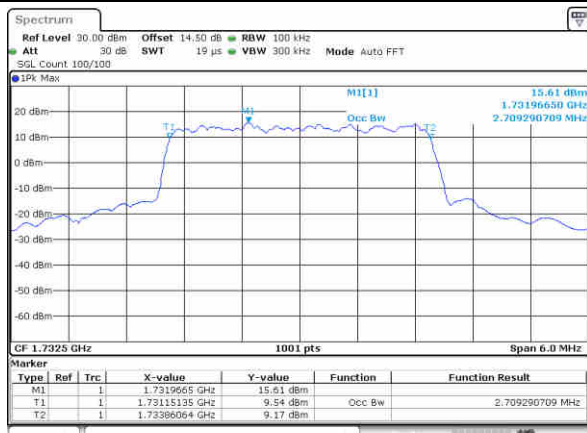
Lowest Channel / 3MHz / QPSK



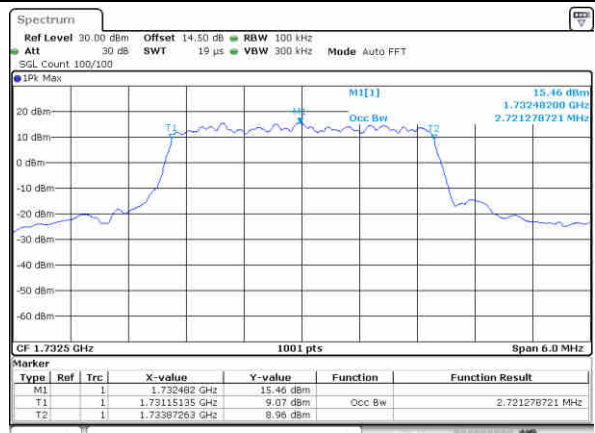
Lowest Channel / 3MHz / 16QAM



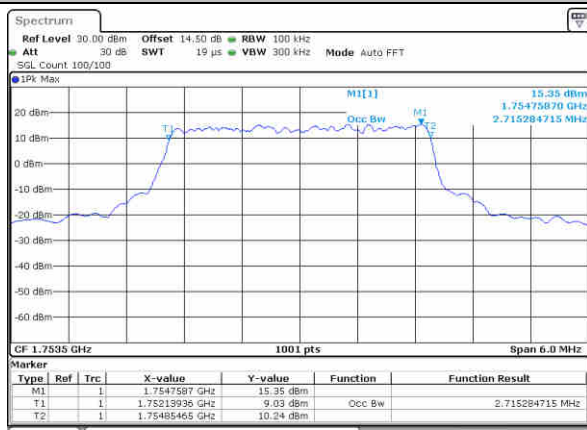
Middle Channel / 3MHz / QPSK



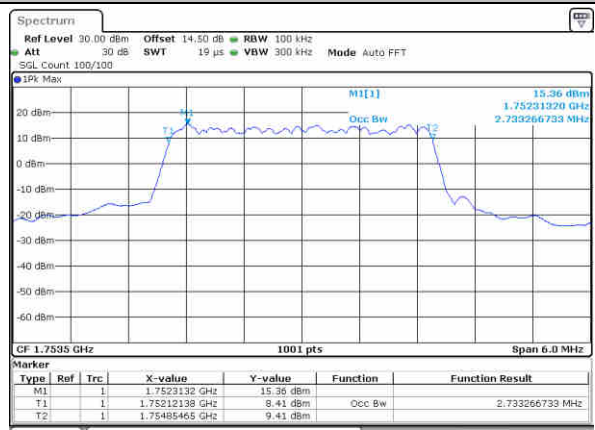
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



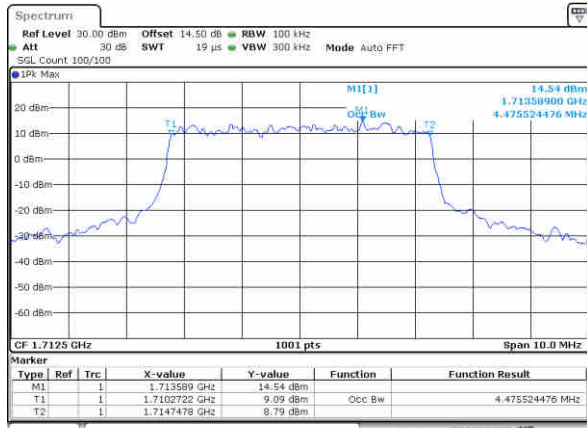
Highest Channel / 3MHz / 16QAM



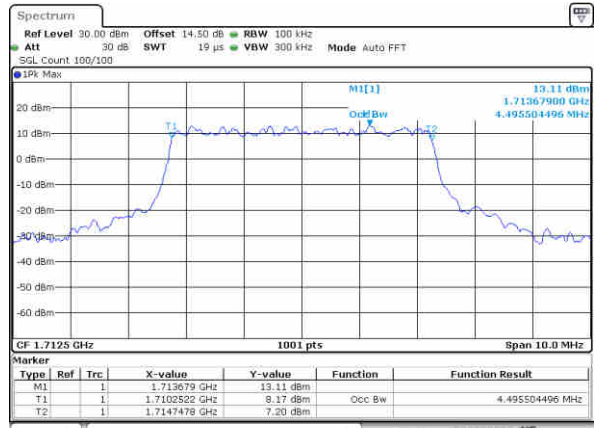


LTE Band 4

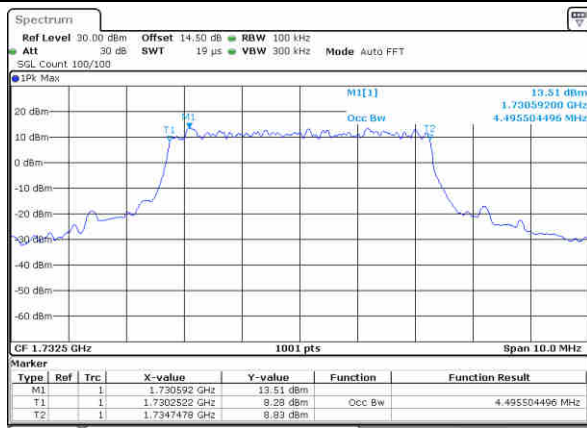
Lowest Channel / 5MHz / QPSK



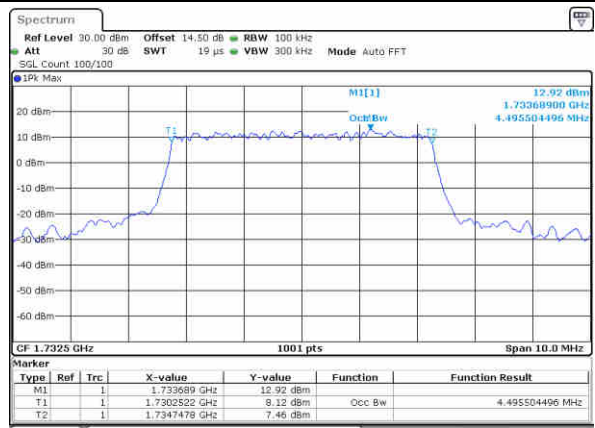
Lowest Channel / 5MHz / 16QAM



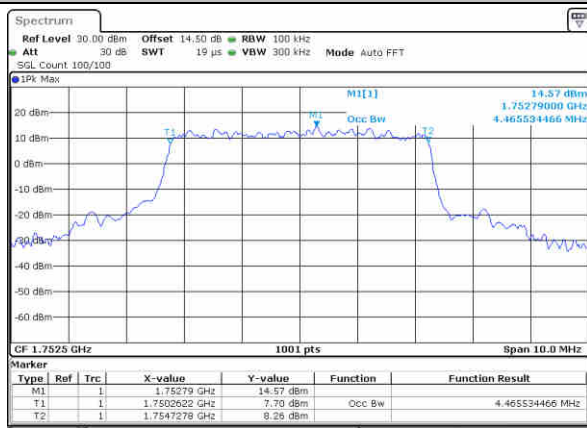
Middle Channel / 5MHz / QPSK



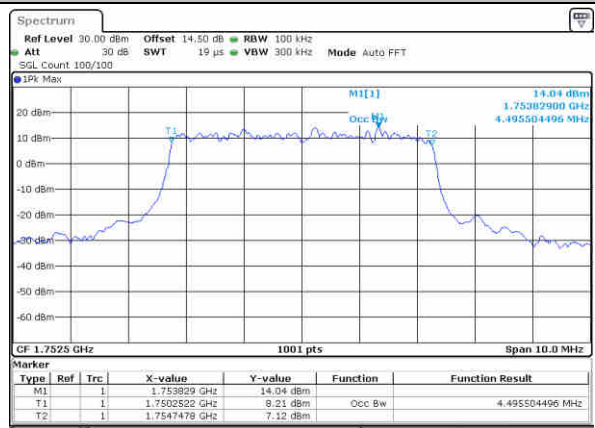
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



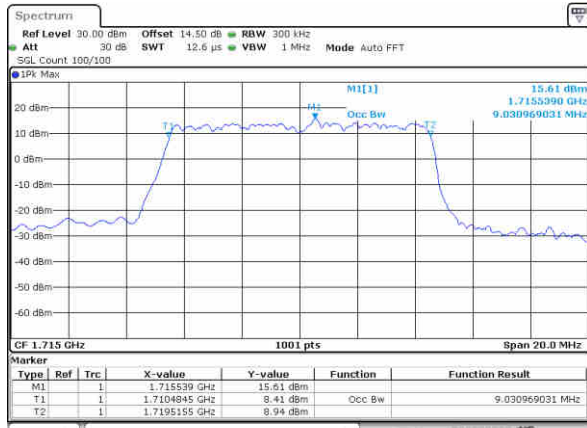
Highest Channel / 5MHz / 16QAM



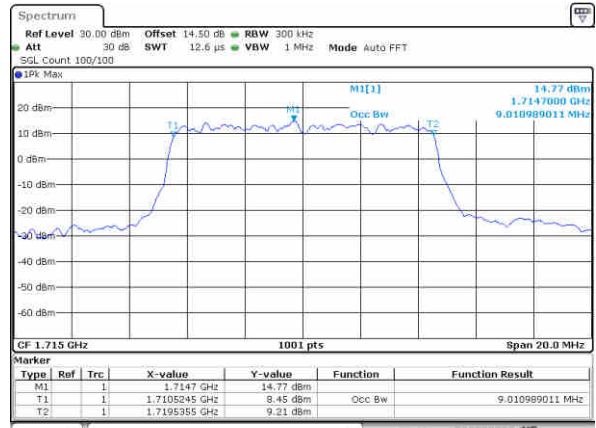


LTE Band 4

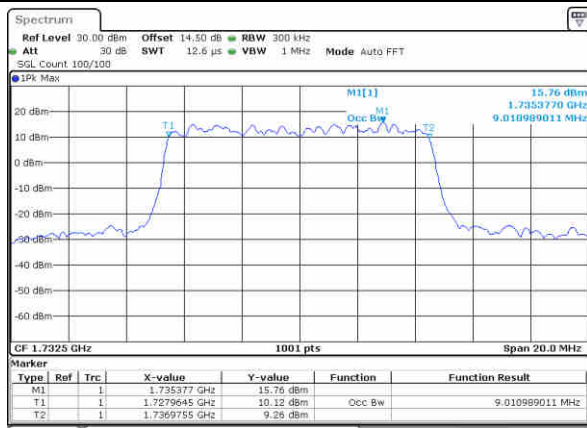
Lowest Channel / 10MHz / QPSK



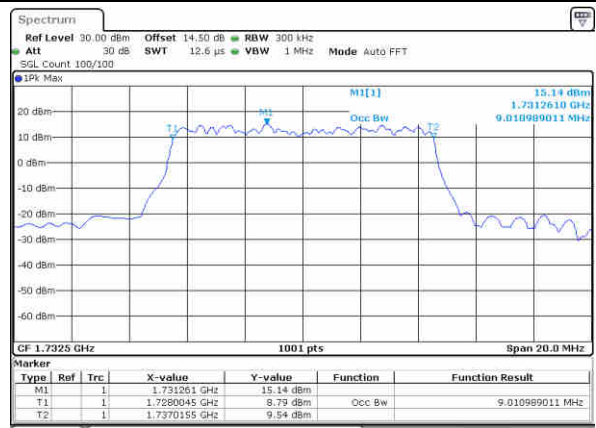
Lowest Channel / 10MHz / 16QAM



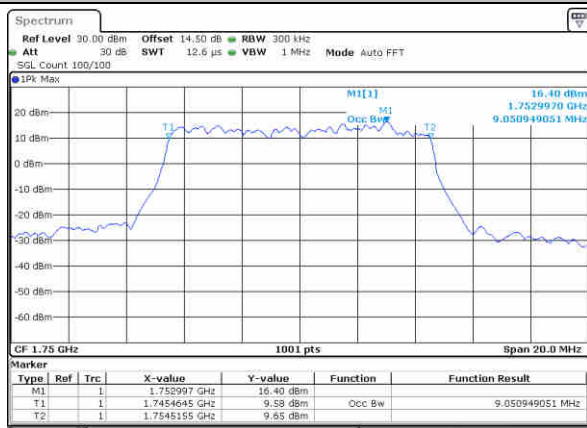
Middle Channel / 10MHz / QPSK



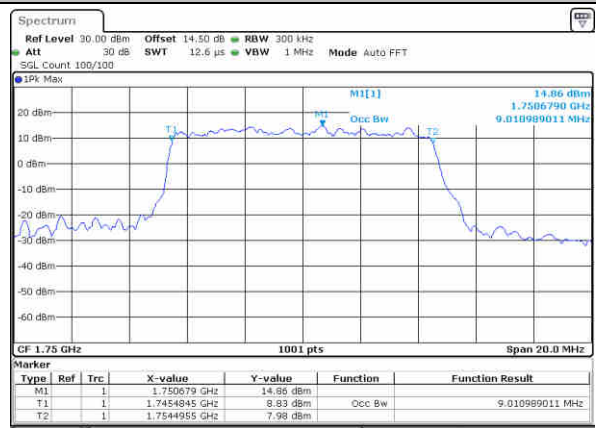
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



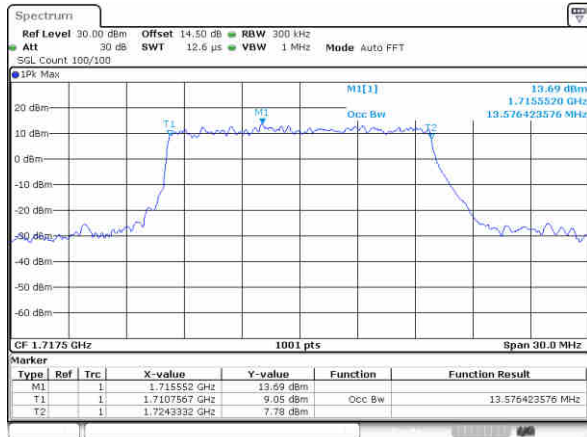
Highest Channel / 10MHz / 16QAM



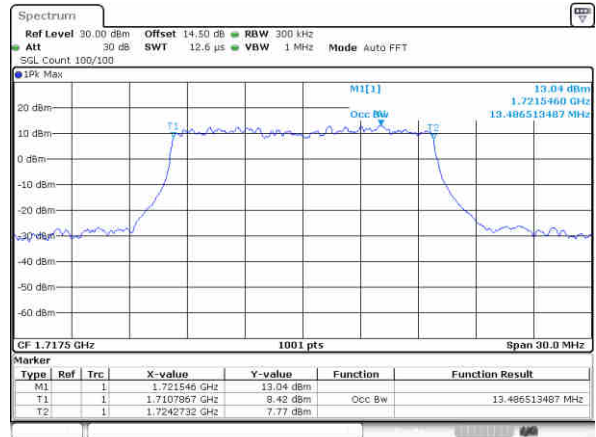


LTE Band 4

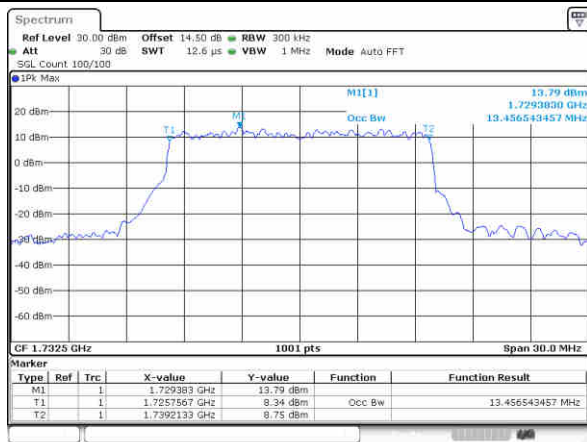
Lowest Channel / 15MHz / QPSK



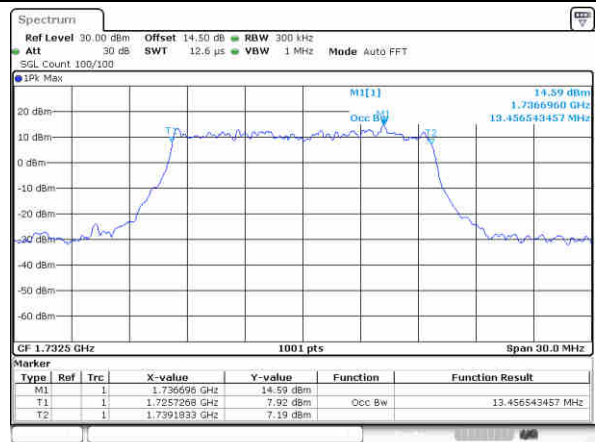
Lowest Channel / 15MHz / 16QAM



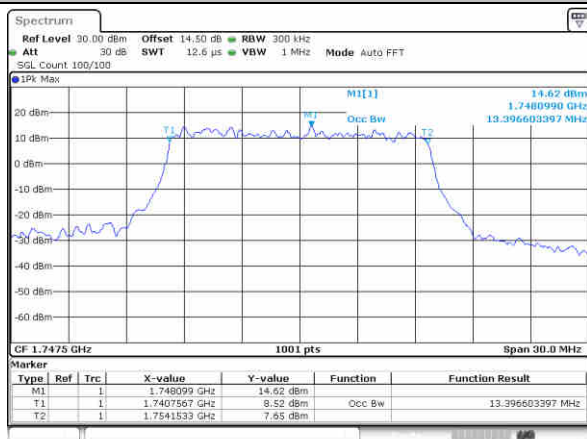
Middle Channel / 15MHz / QPSK



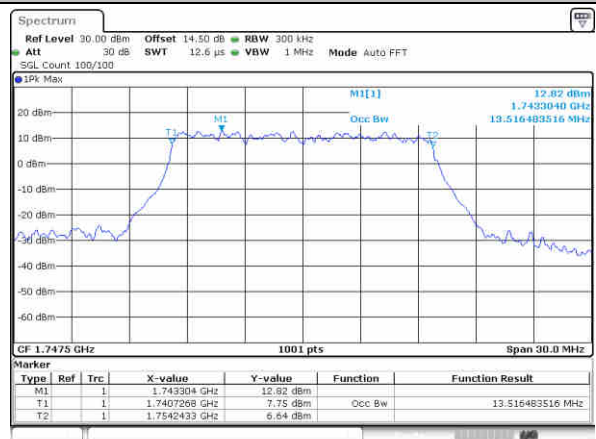
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



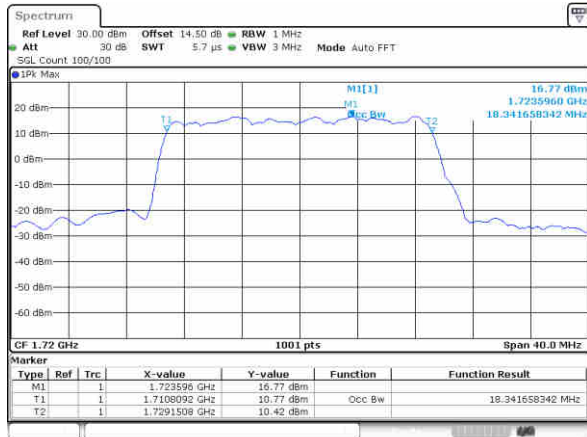
Highest Channel / 15MHz / 16QAM





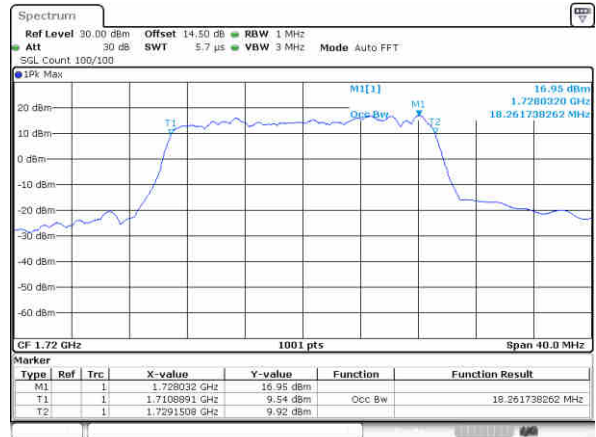
LTE Band 4

Lowest Channel / 20MHz / QPSK



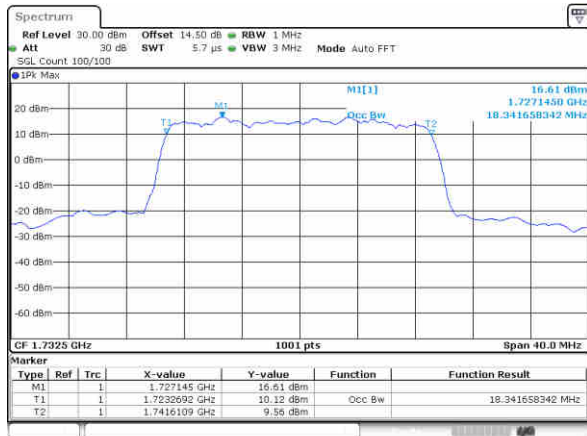
Date: 6, JAN, 2018 11:12:15

Lowest Channel / 20MHz / 16QAM



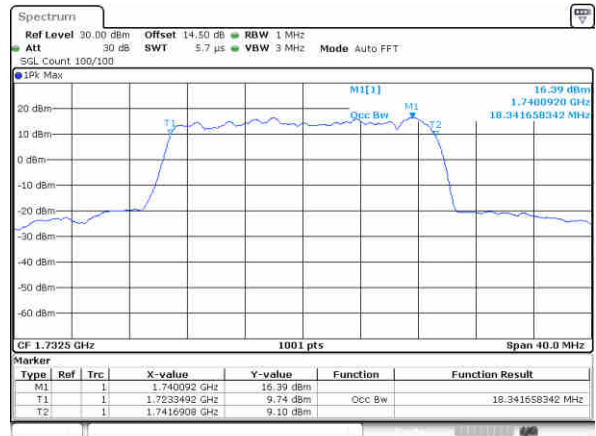
Date: 6, JAN, 2018 11:12:25

Middle Channel / 20MHz / QPSK



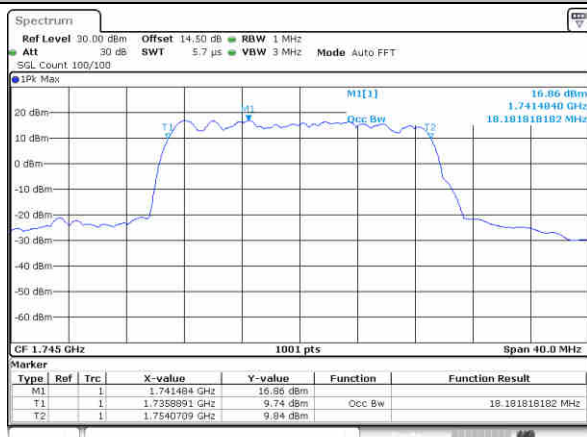
Date: 6, JAN, 2018 11:19:24

Middle Channel / 20MHz / 16QAM



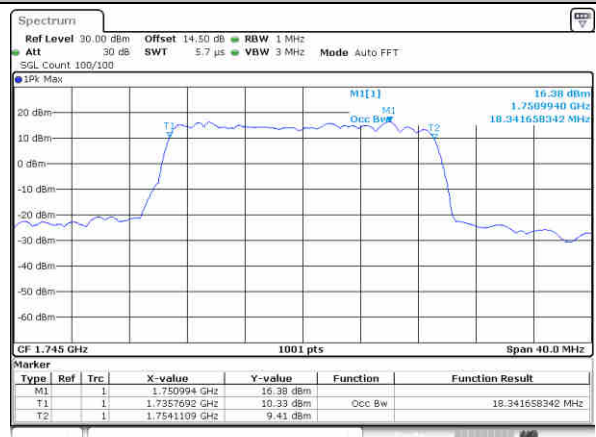
Date: 6, JAN, 2018 11:19:34

Highest Channel / 20MHz / QPSK



Date: 6, JAN, 2018 11:21:57

Highest Channel / 20MHz / 16QAM

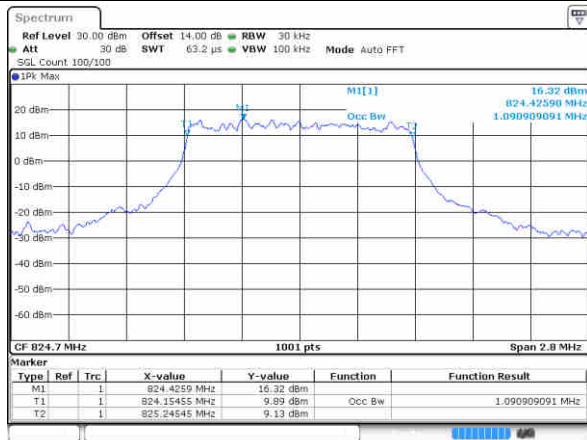


Date: 6, JAN, 2018 11:22:07

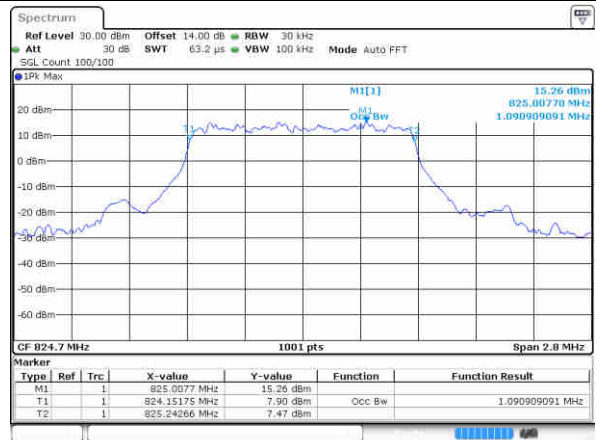


LTE Band 5

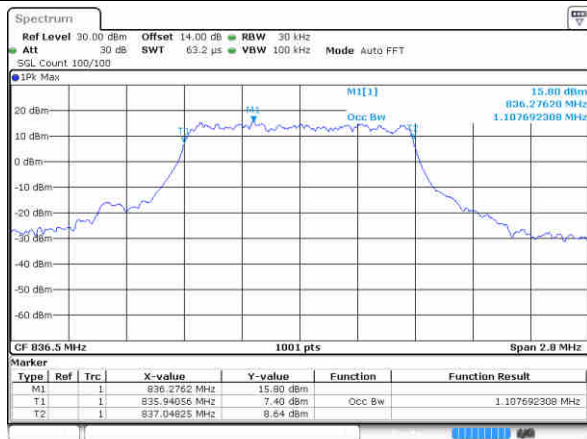
Lowest Channel / 1.4MHz / QPSK



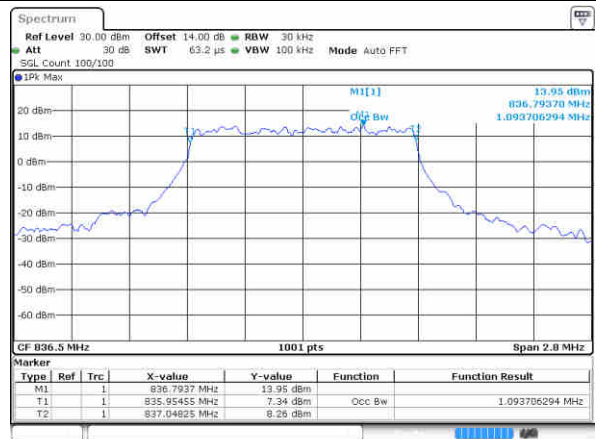
Lowest Channel / 1.4MHz / 16QAM



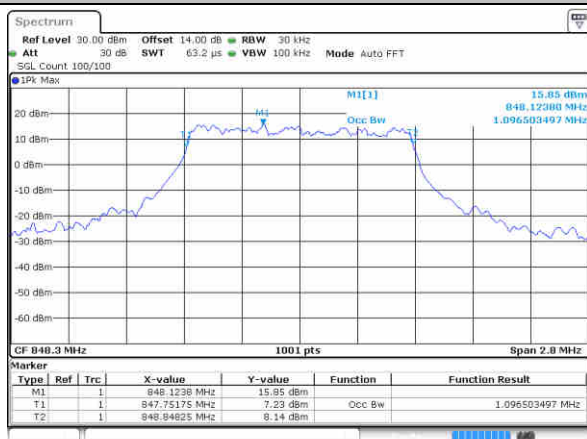
Middle Channel / 1.4MHz / QPSK



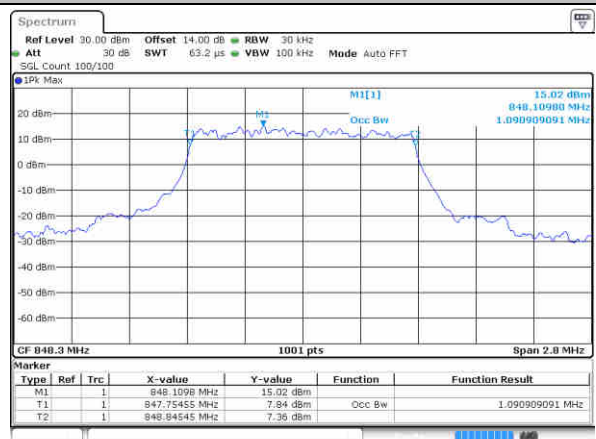
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



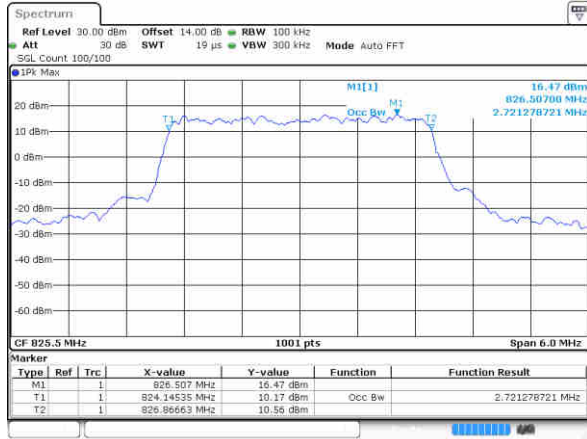
Highest Channel / 1.4MHz / 16QAM



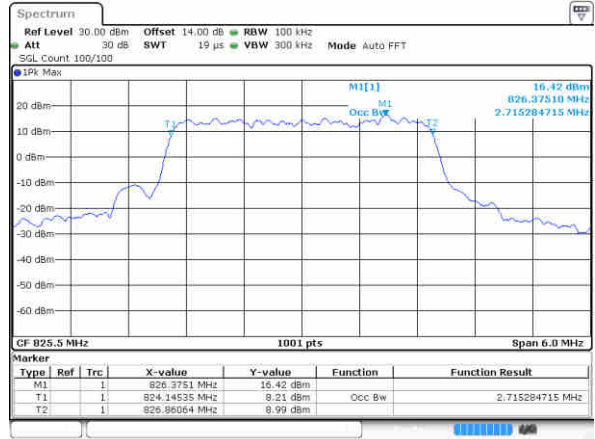


LTE Band 5

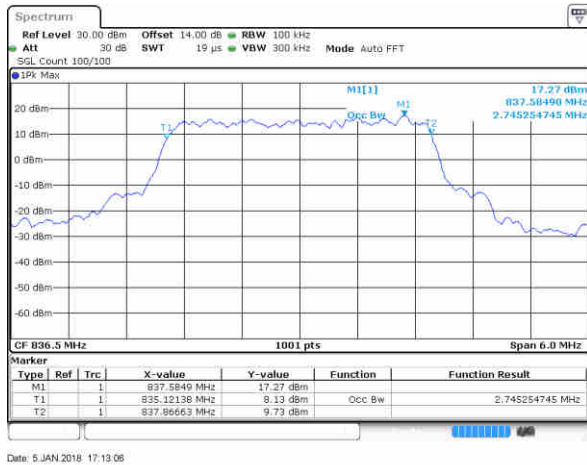
Lowest Channel / 3MHz / QPSK



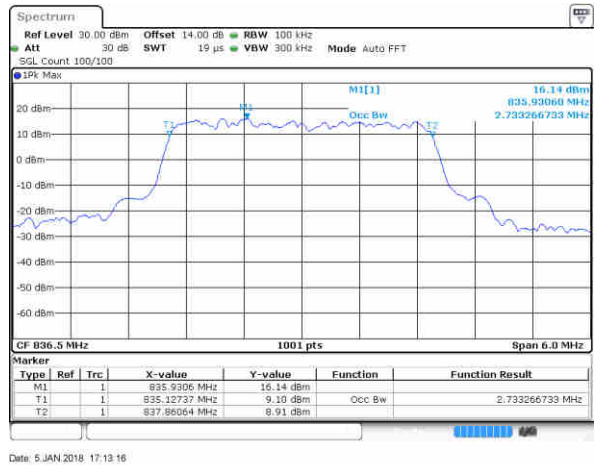
Lowest Channel / 3MHz / 16QAM



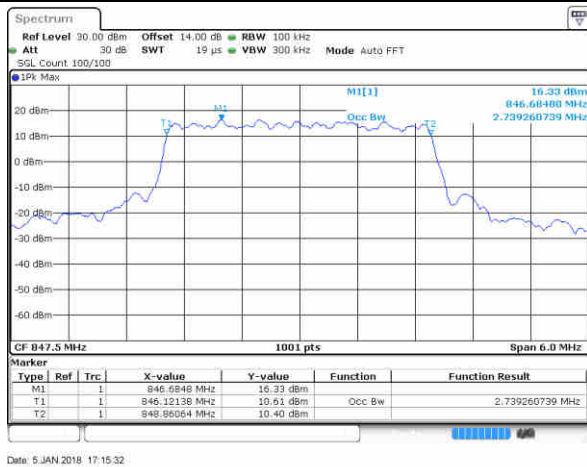
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



Highest Channel / 3MHz / 16QAM

