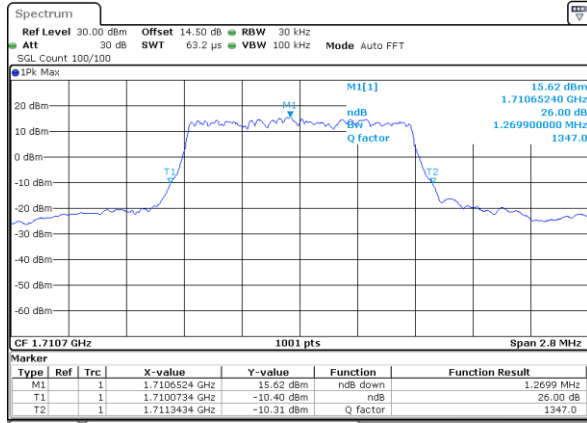




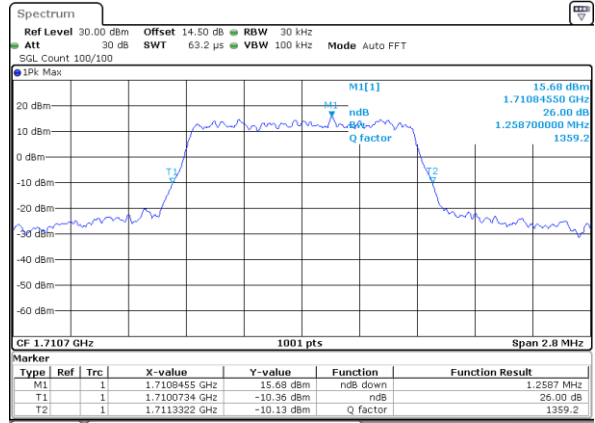
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



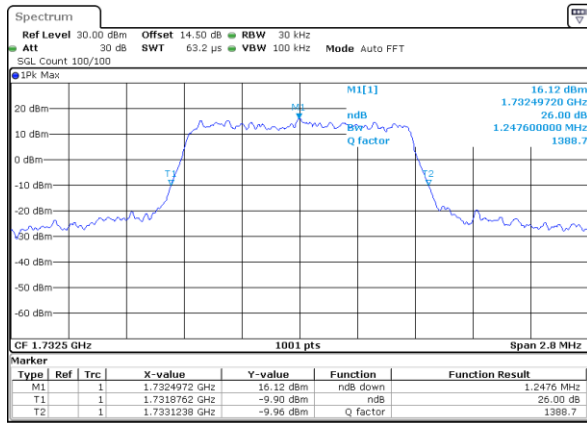
Date: 5,SEP,2017 11:12:15

Lowest Channel / 1.4MHz / 16QAM



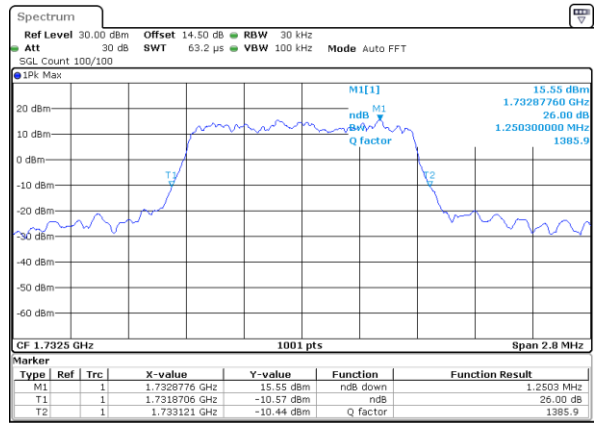
Date: 5,SEP,2017 11:12:26

Middle Channel / 1.4MHz / QPSK



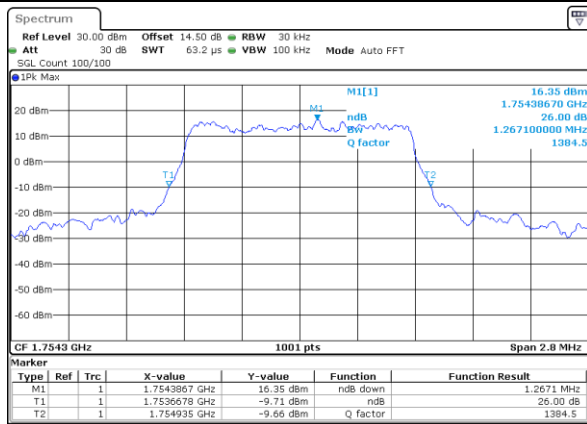
Date: 5,SEP,2017 11:19:27

Middle Channel / 1.4MHz / 16QAM



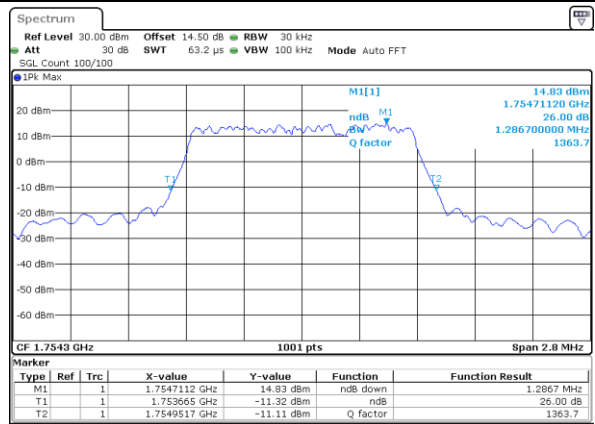
Date: 5,SEP,2017 11:19:37

Highest Channel / 1.4MHz / QPSK



Date: 5,SEP,2017 11:22:01

Highest Channel / 1.4MHz / 16QAM

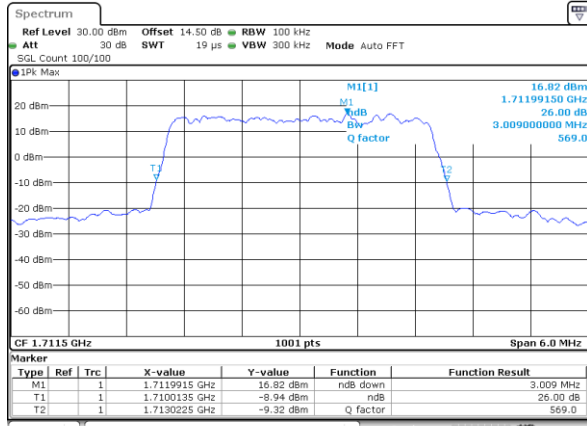


Date: 5,SEP,2017 11:22:11



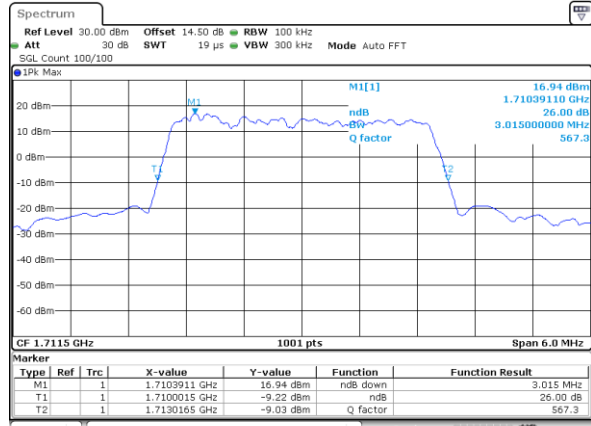
LTE Band 4

Lowest Channel / 3MHz / QPSK



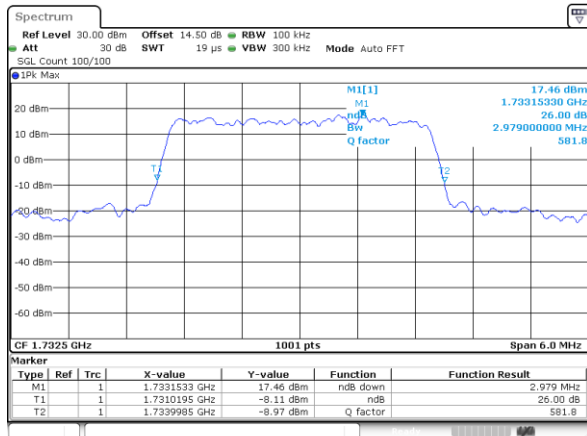
Date: 5,SEP,2017 11:29:11

Lowest Channel / 3MHz / 16QAM



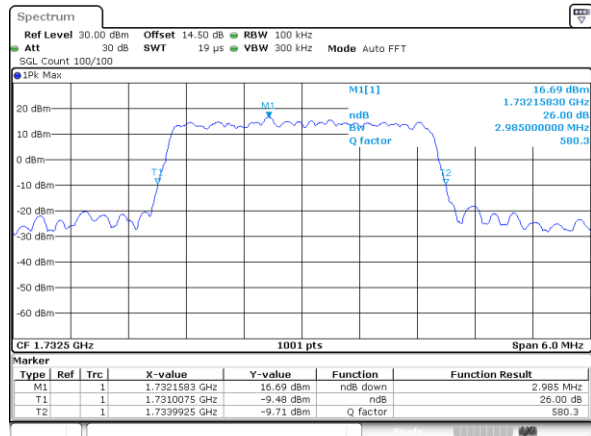
Date: 5,SEP,2017 11:29:21

Middle Channel / 3MHz / QPSK



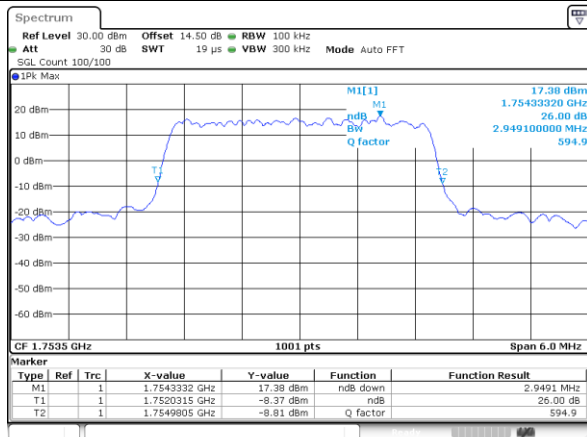
Date: 5,SEP,2017 11:36:20

Middle Channel / 3MHz / 16QAM



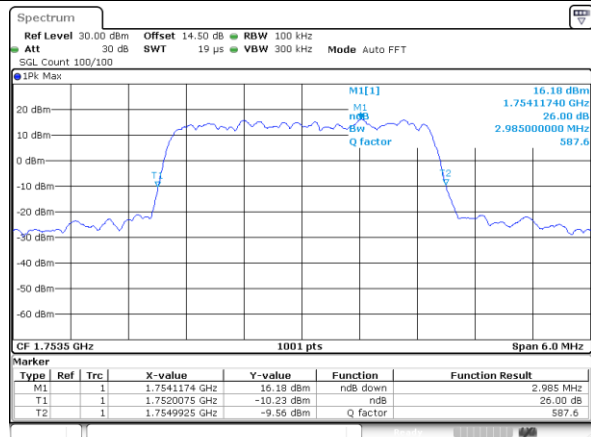
Date: 5,SEP,2017 11:36:30

Highest Channel / 3MHz / QPSK



Date: 5,SEP,2017 11:38:52

Highest Channel / 3MHz / 16QAM

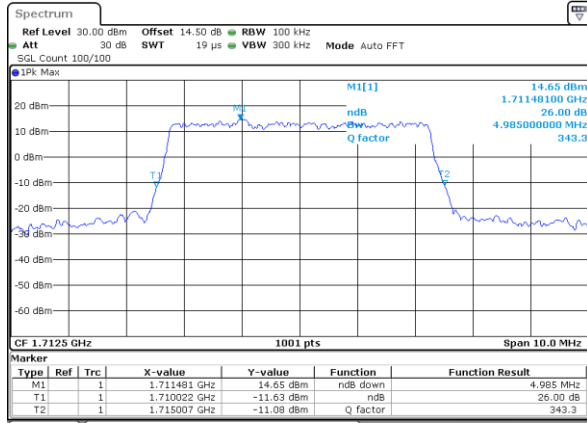


Date: 5,SEP,2017 11:39:02



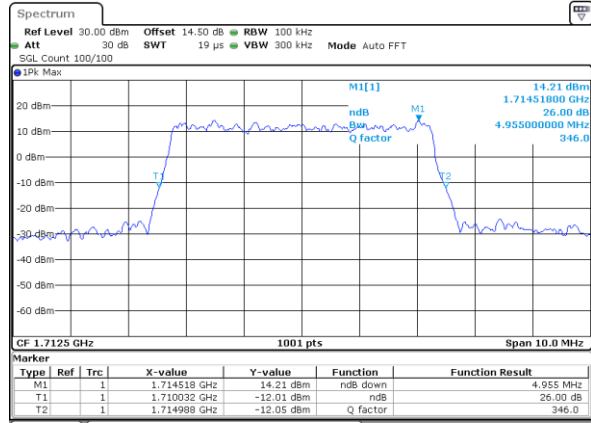
LTE Band 4

Lowest Channel / 5MHz / QPSK



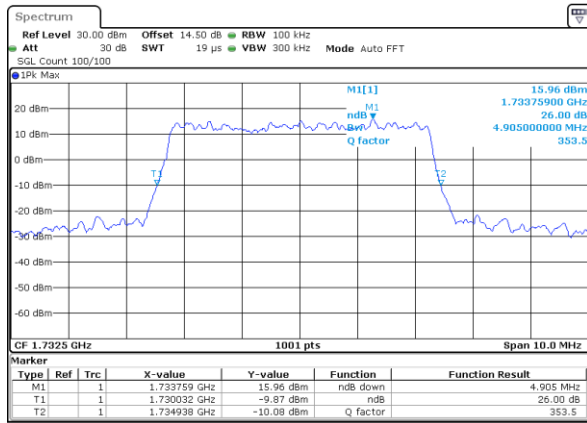
Date: 5,SEP,2017 11:46:02

Lowest Channel / 5MHz / 16QAM



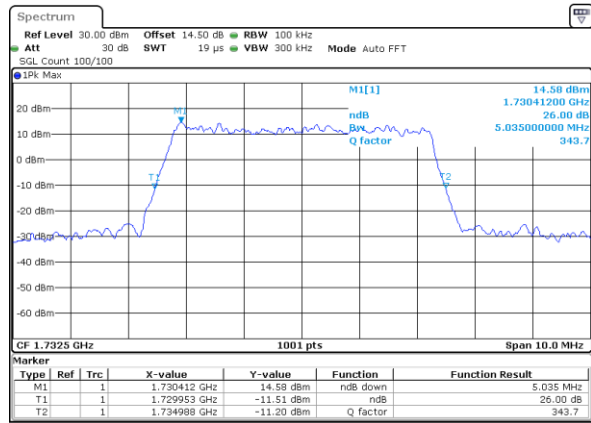
Date: 5,SEP,2017 11:46:12

Middle Channel / 5MHz / QPSK



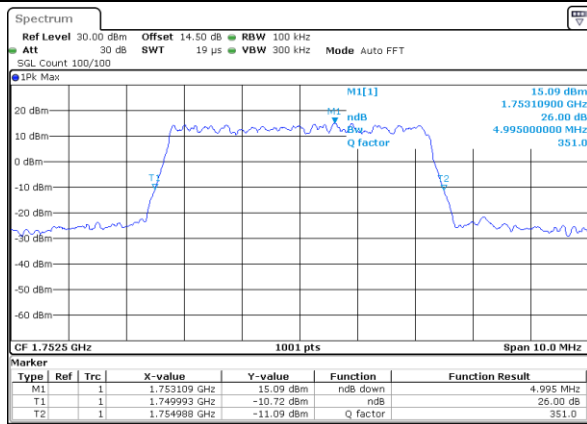
Date: 5,SEP,2017 11:53:10

Middle Channel / 5MHz / 16QAM



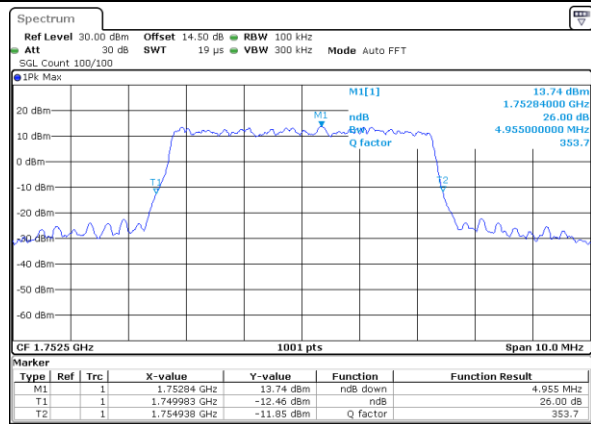
Date: 5,SEP,2017 11:53:20

Highest Channel / 5MHz / QPSK



Date: 5,SEP,2017 11:55:43

Highest Channel / 5MHz / 16QAM

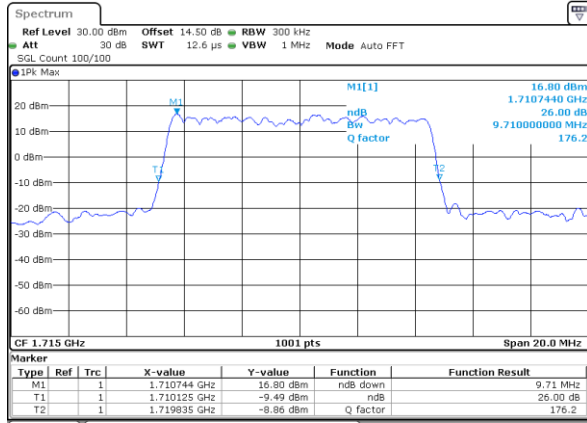


Date: 5,SEP,2017 11:55:53



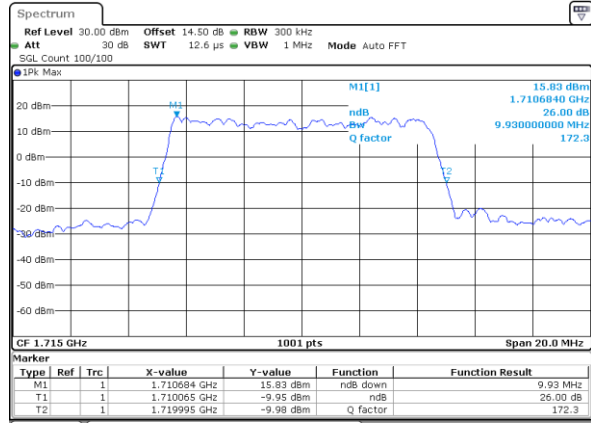
LTE Band 4

Lowest Channel / 10MHz / QPSK



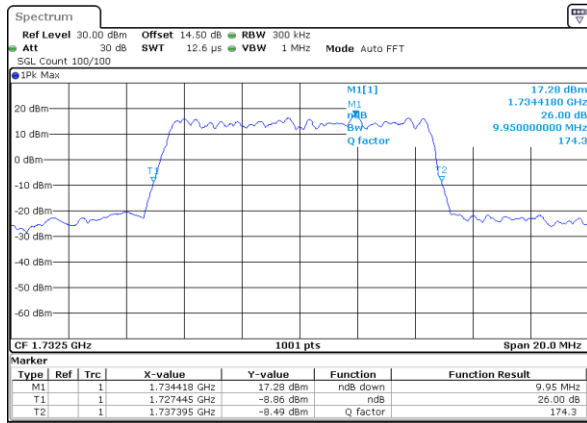
Date: 5,SEP,2017 12:13:12

Lowest Channel / 10MHz / 16QAM



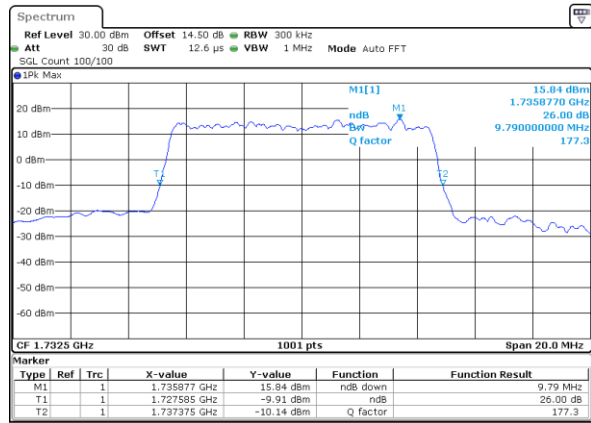
Date: 5,SEP,2017 12:13:22

Middle Channel / 10MHz / QPSK



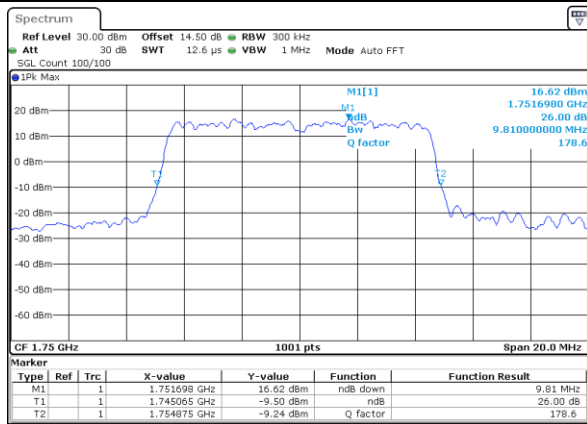
Date: 5,SEP,2017 12:20:20

Middle Channel / 10MHz / 16QAM



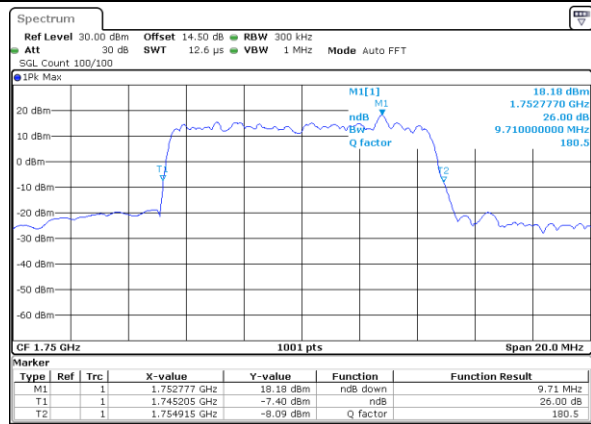
Date: 5,SEP,2017 12:20:30

Highest Channel / 10MHz / QPSK



Date: 5,SEP,2017 12:22:53

Highest Channel / 10MHz / 16QAM

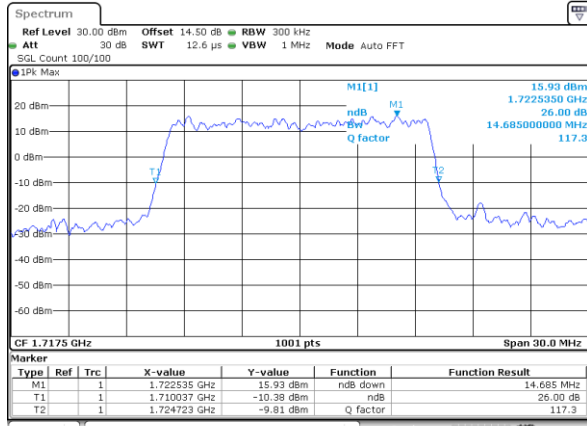


Date: 5,SEP,2017 12:23:03



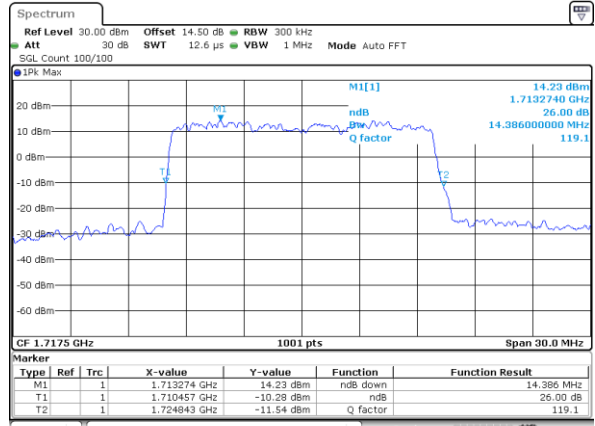
LTE Band 4

Lowest Channel / 15MHz / QPSK



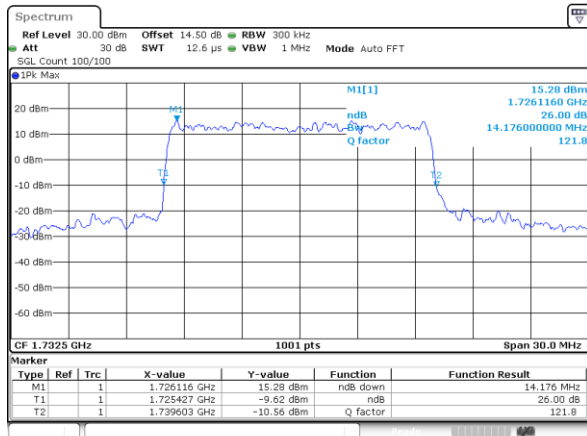
Date: 5,SEP,2017 12:30:01

Lowest Channel / 15MHz / 16QAM



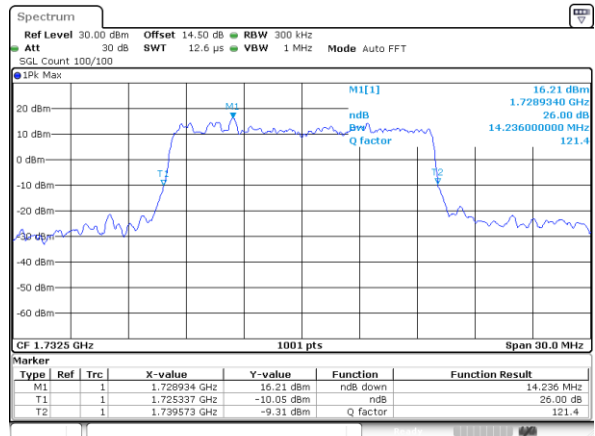
Date: 5,SEP,2017 12:30:11

Middle Channel / 15MHz / QPSK



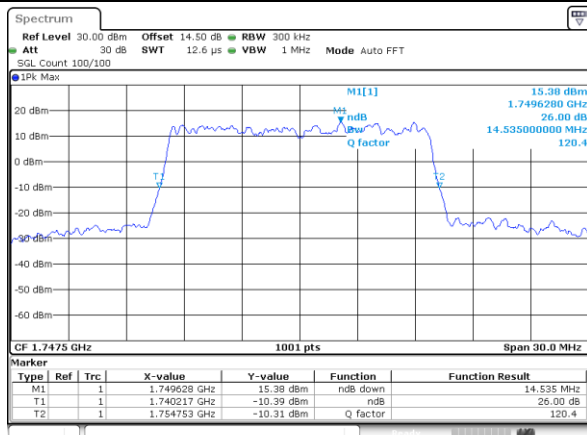
Date: 5,SEP,2017 12:37:10

Middle Channel / 15MHz / 16QAM



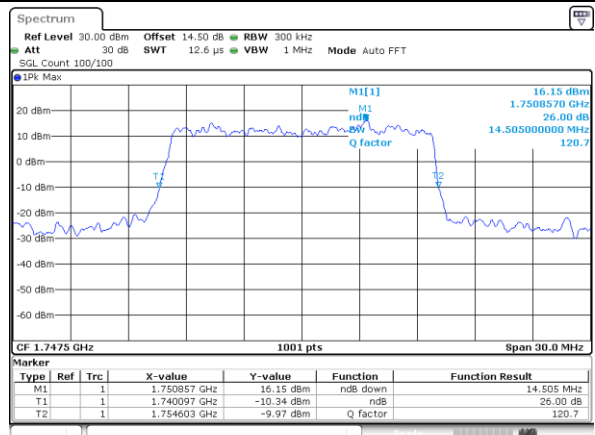
Date: 5,SEP,2017 12:37:20

Highest Channel / 15MHz / QPSK



Date: 5,SEP,2017 12:39:42

Highest Channel / 15MHz / 16QAM

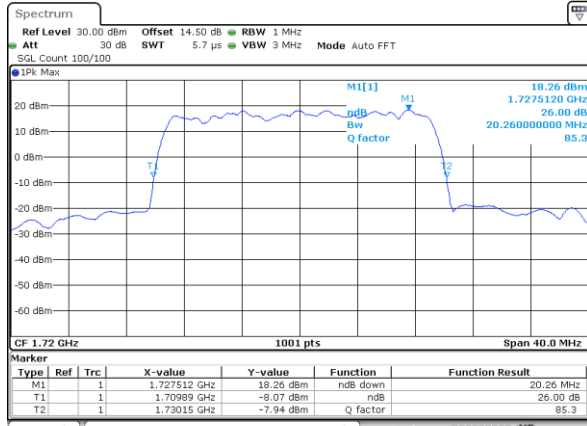


Date: 5,SEP,2017 12:39:52

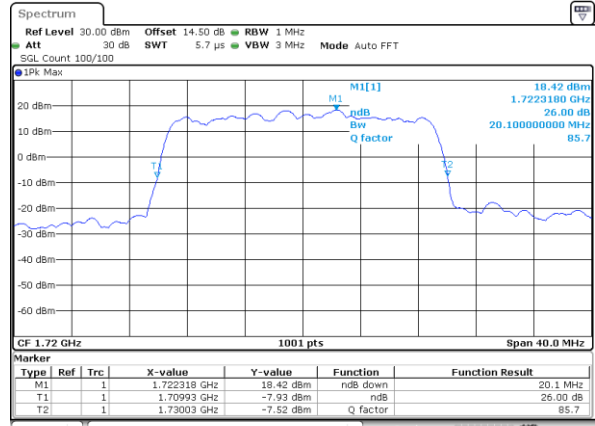


LTE Band 4

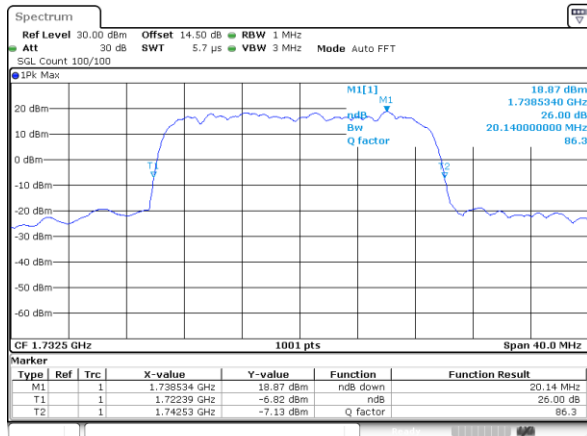
Lowest Channel / 20MHz / QPSK



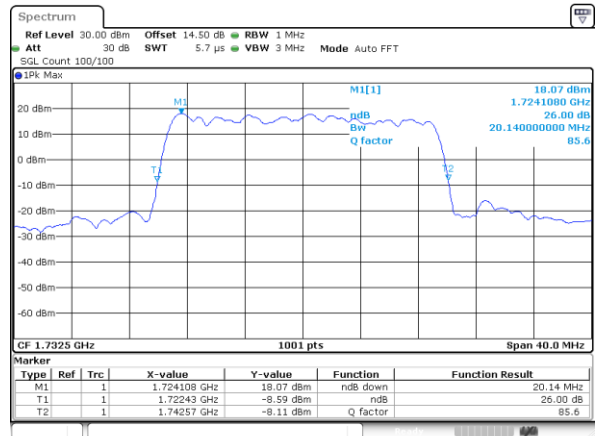
Lowest Channel / 20MHz / 16QAM



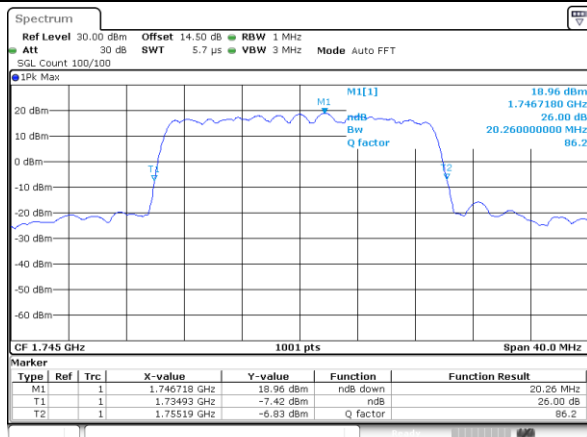
Middle Channel / 20MHz / QPSK



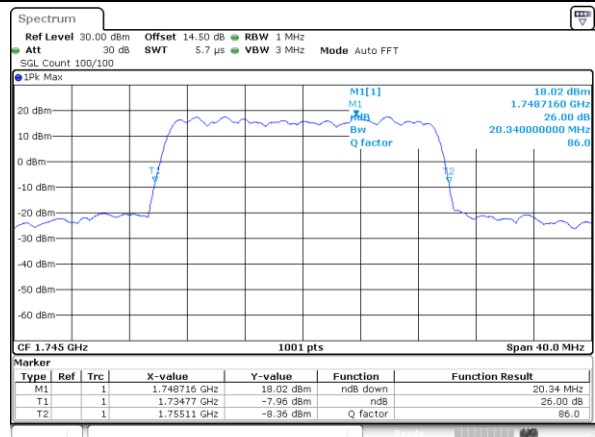
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



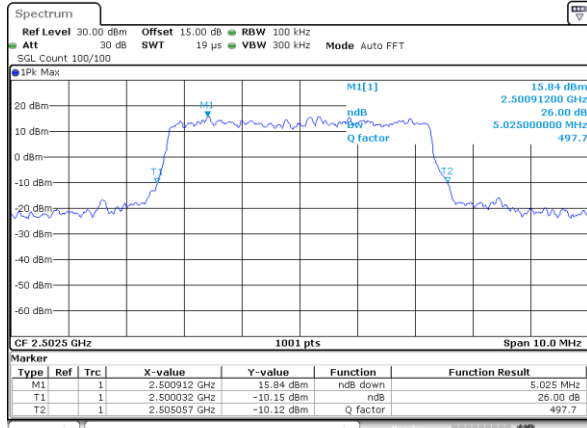
Highest Channel / 20MHz / 16QAM





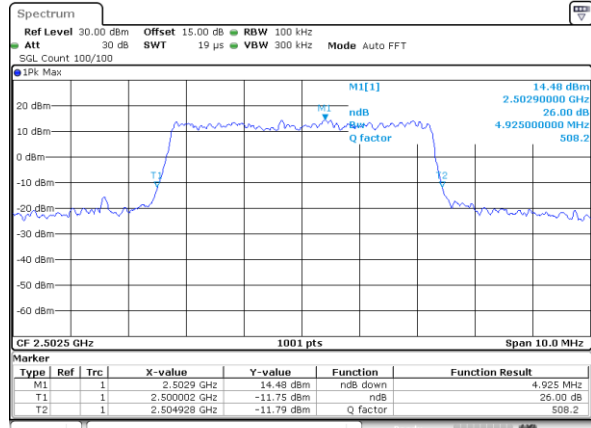
LTE Band 7

Lowest Channel / 5MHz / QPSK



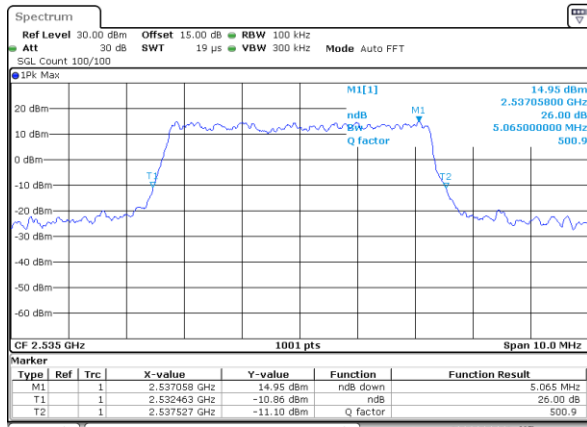
Date: 5,SEP,2017 17:47:13

Lowest Channel / 5MHz / 16QAM



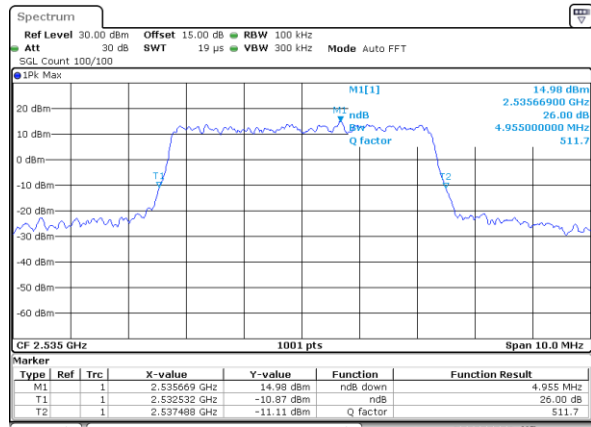
Date: 5,SEP,2017 17:47:23

Middle Channel / 5MHz / QPSK



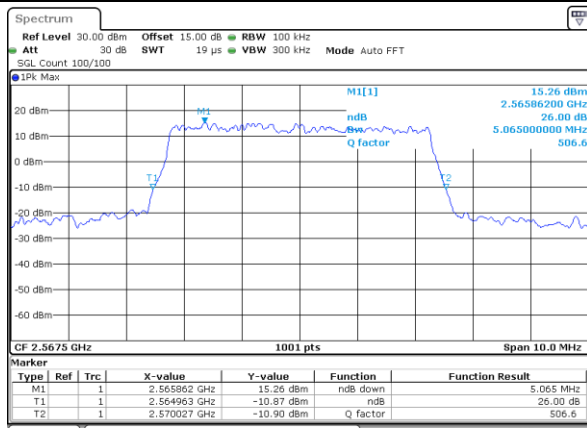
Date: 5,SEP,2017 17:54:19

Middle Channel / 5MHz / 16QAM



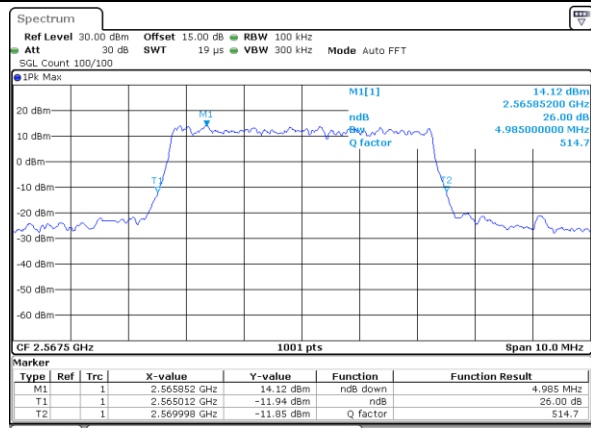
Date: 5,SEP,2017 17:54:29

Highest Channel / 5MHz / QPSK



Date: 5,SEP,2017 17:56:48

Highest Channel / 5MHz / 16QAM

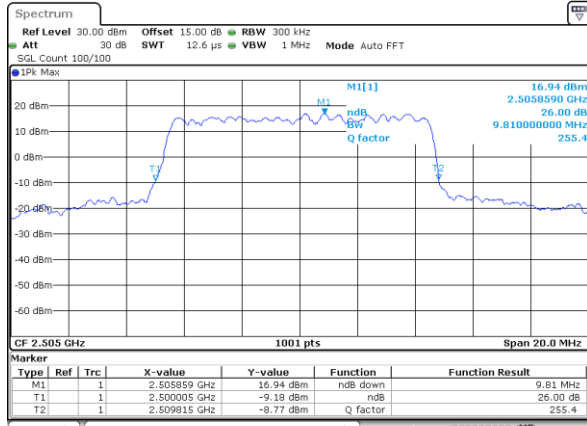


Date: 5,SEP,2017 17:56:58



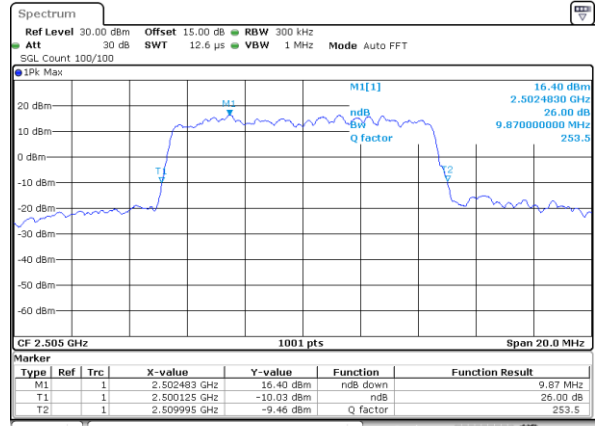
LTE Band 7

Lowest Channel / 10MHz / QPSK



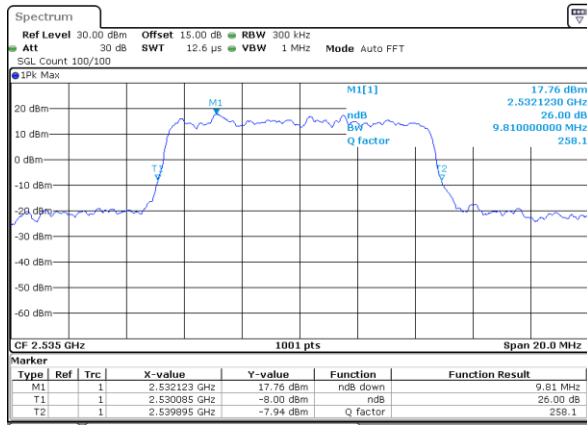
Date: 5,SEP,2017 18:03:55

Lowest Channel / 10MHz / 16QAM



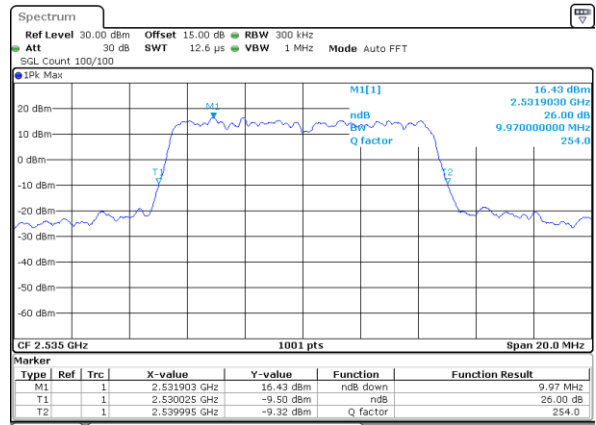
Date: 5,SEP,2017 18:04:05

Middle Channel / 10MHz / QPSK



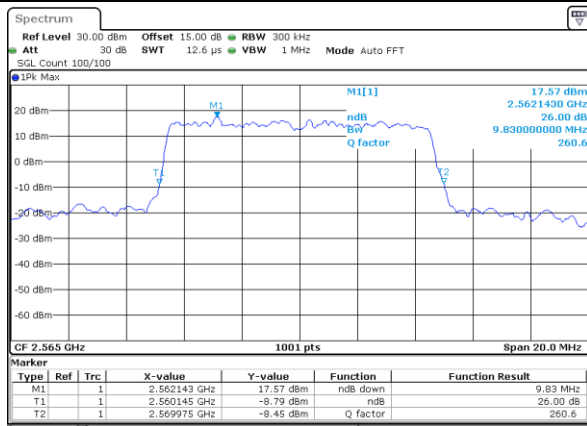
Date: 5,SEP,2017 18:11:01

Middle Channel / 10MHz / 16QAM



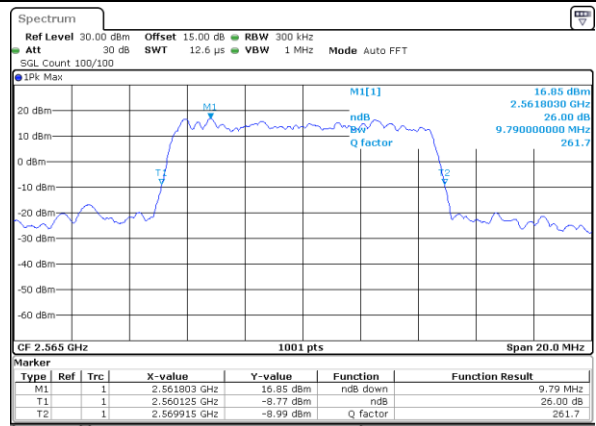
Date: 5,SEP,2017 18:11:11

Highest Channel / 10MHz / QPSK



Date: 5,SEP,2017 18:13:29

Highest Channel / 10MHz / 16QAM

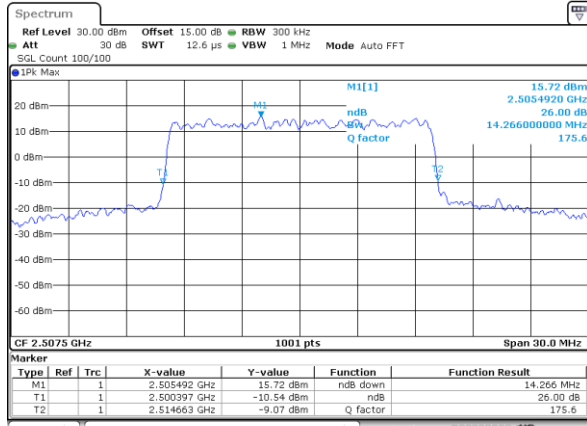


Date: 5,SEP,2017 18:13:39



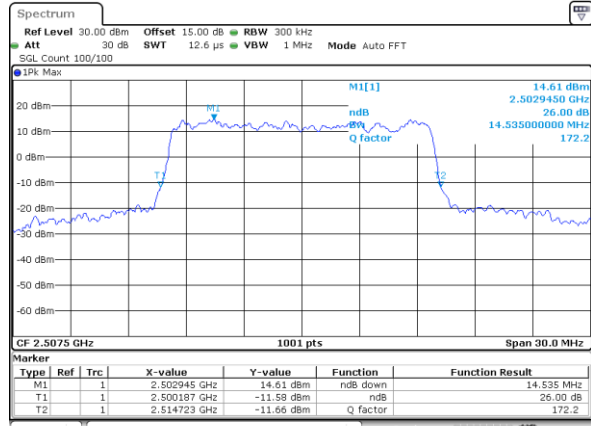
LTE Band 7

Lowest Channel / 15MHz / QPSK



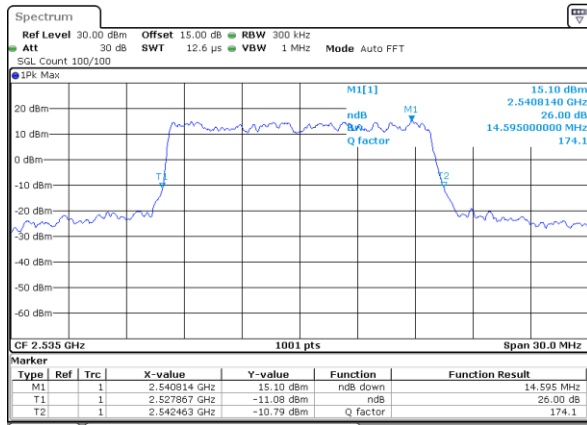
Date: 5,SEP,2017 18:20:37

Lowest Channel / 15MHz / 16QAM



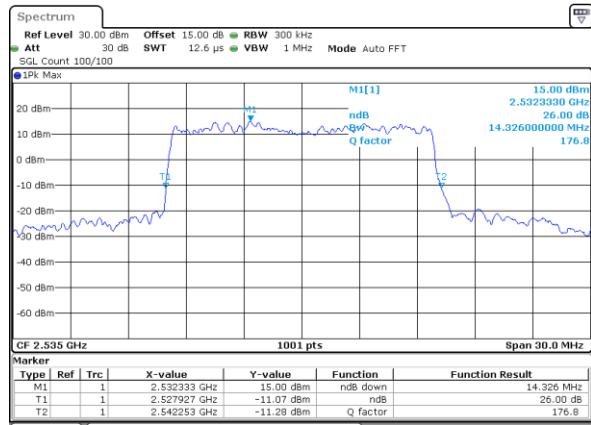
Date: 5,SEP,2017 18:20:47

Middle Channel / 15MHz / QPSK



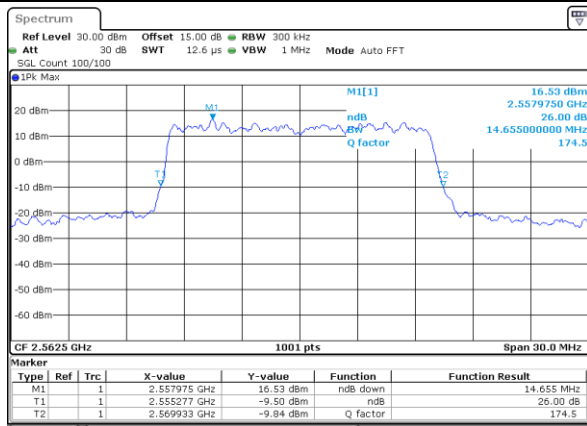
Date: 5,SEP,2017 18:27:43

Middle Channel / 15MHz / 16QAM



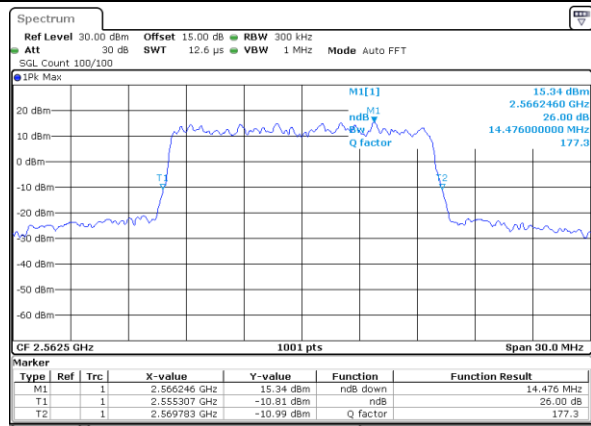
Date: 5,SEP,2017 18:27:53

Highest Channel / 15MHz / QPSK



Date: 5,SEP,2017 18:30:11

Highest Channel / 15MHz / 16QAM

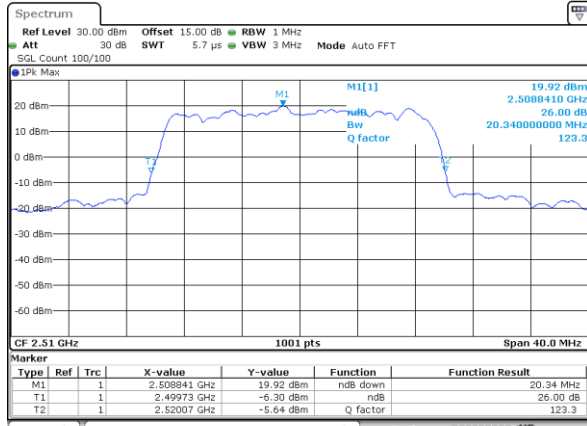


Date: 5,SEP,2017 18:30:21



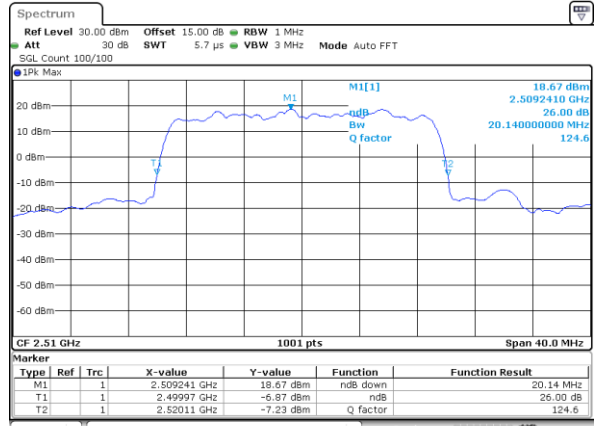
LTE Band 7

Lowest Channel / 20MHz / QPSK



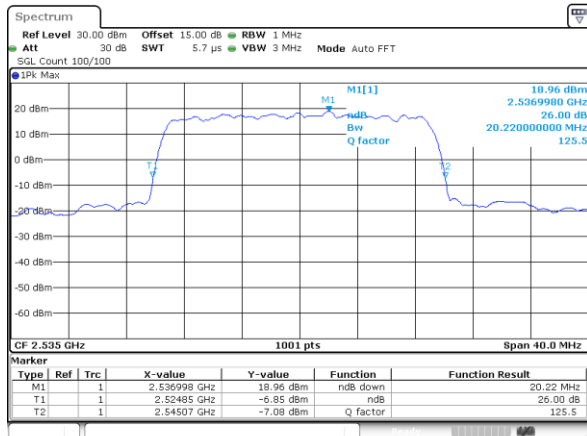
Date: 5,SEP,2017 18:40:37

Lowest Channel / 20MHz / 16QAM



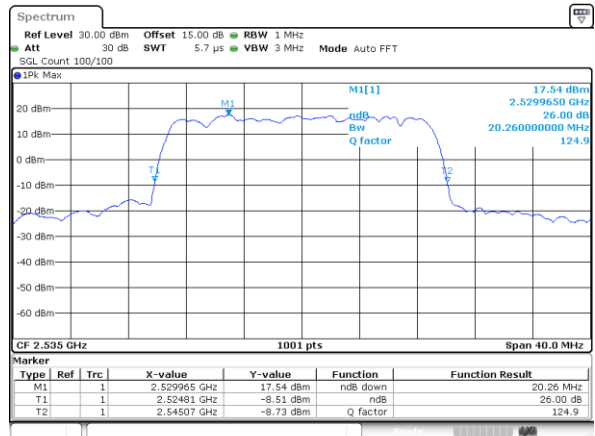
Date: 5,SEP,2017 18:40:47

Middle Channel / 20MHz / QPSK



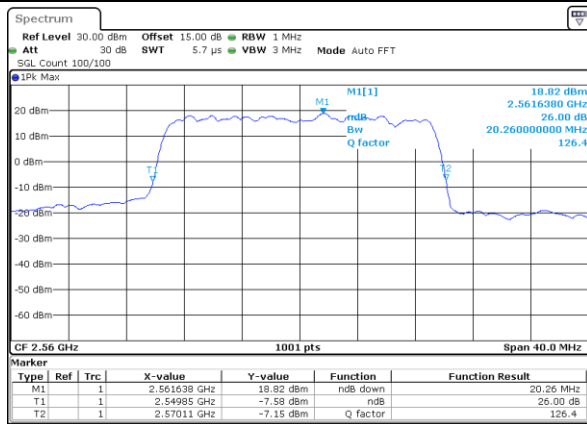
Date: 5,SEP,2017 18:47:43

Middle Channel / 20MHz / 16QAM



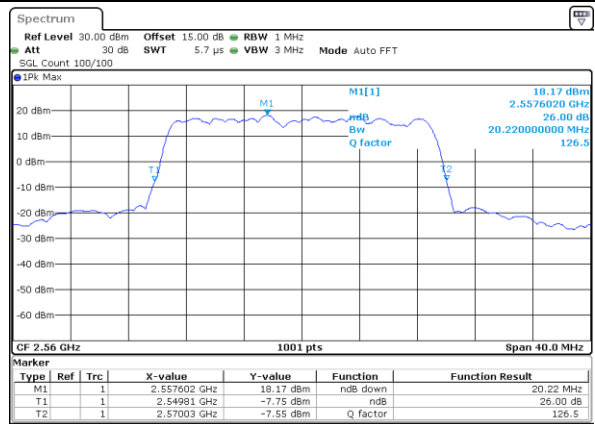
Date: 5,SEP,2017 18:47:53

Highest Channel / 20MHz / QPSK



Date: 5,SEP,2017 18:50:11

Highest Channel / 20MHz / 16QAM

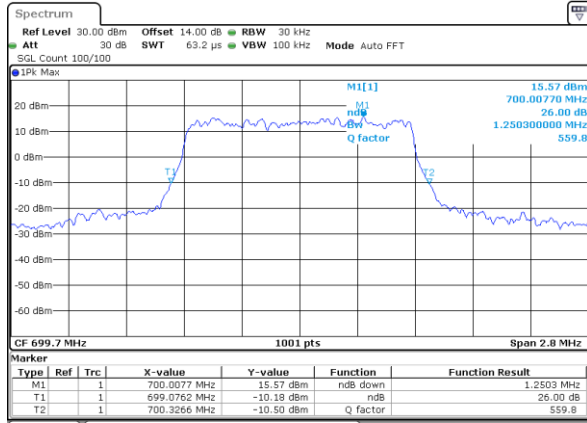


Date: 5,SEP,2017 18:50:21



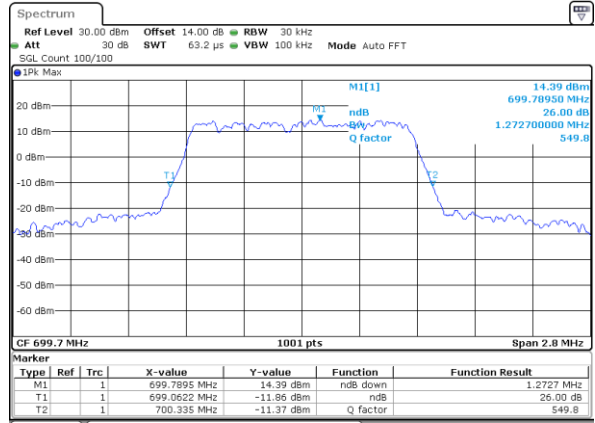
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



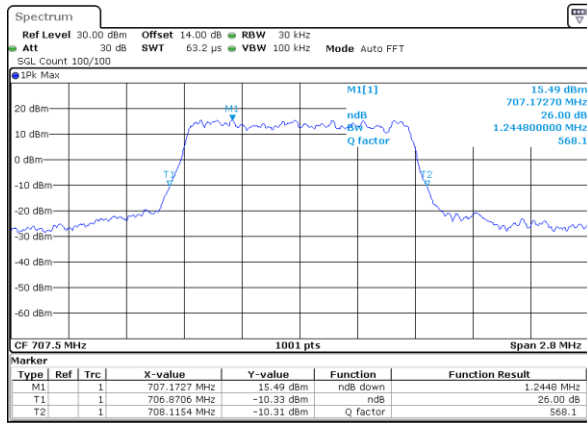
Date: 5,SEP,2017 15:50:03

Lowest Channel / 1.4MHz / 16QAM



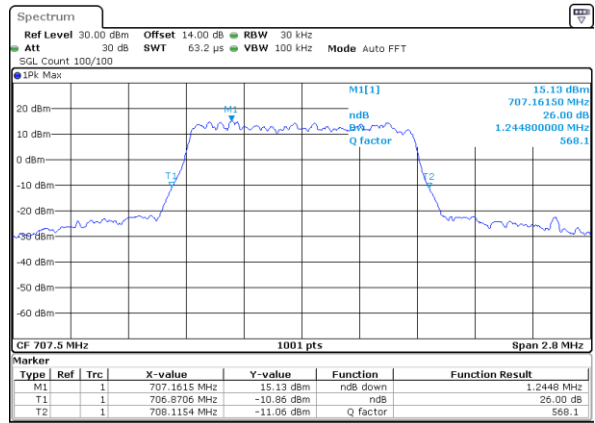
Date: 5,SEP,2017 15:49:53

Middle Channel / 1.4MHz / QPSK



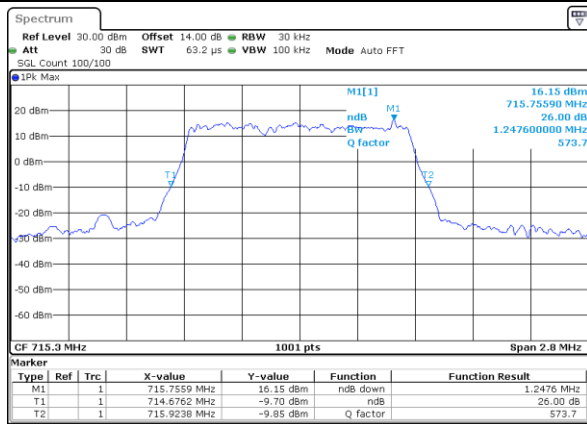
Date: 5,SEP,2017 15:57:03

Middle Channel / 1.4MHz / 16QAM



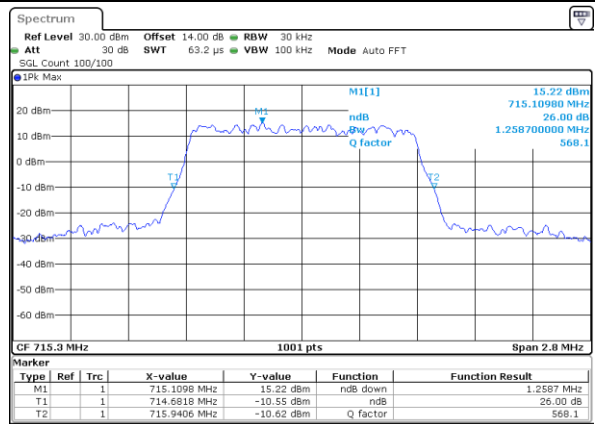
Date: 5,SEP,2017 15:57:13

Highest Channel / 1.4MHz / QPSK



Date: 5,SEP,2017 15:59:35

Highest Channel / 1.4MHz / 16QAM

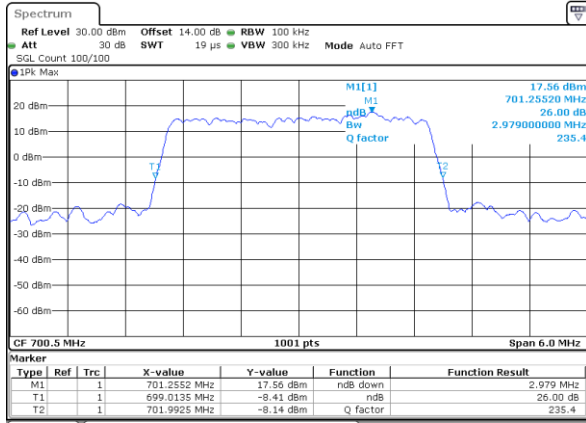


Date: 5,SEP,2017 15:59:46

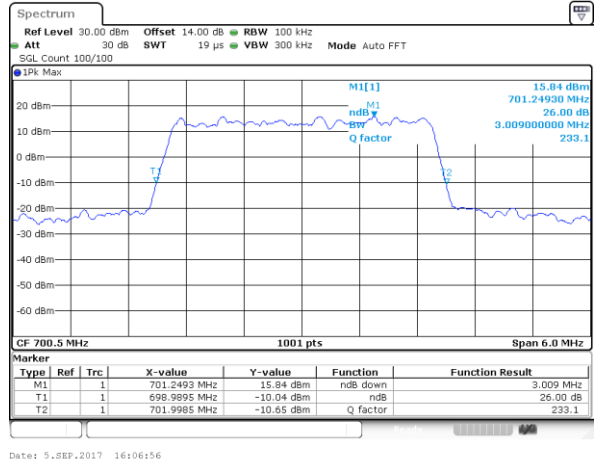


LTE Band 12

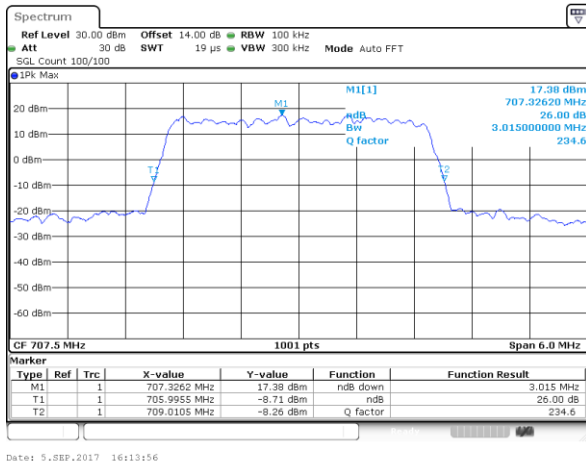
Lowest Channel / 3MHz / QPSK



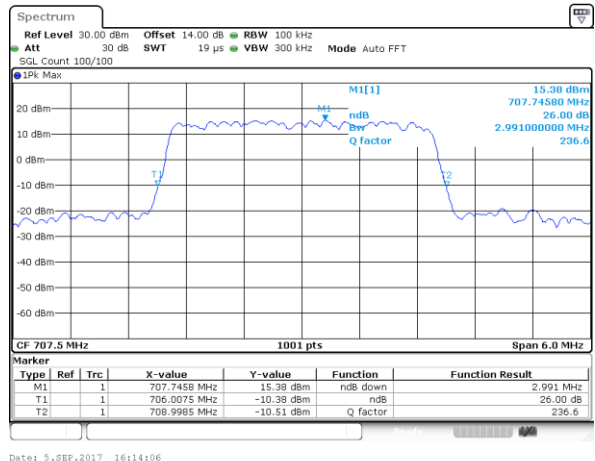
Lowest Channel / 3MHz / 16QAM



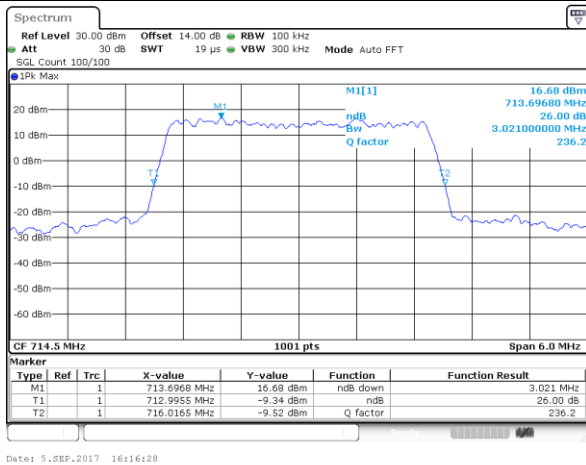
Middle Channel / 3MHz / QPSK



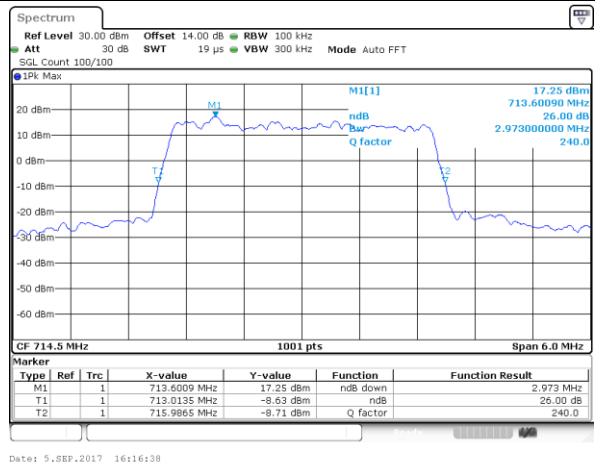
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



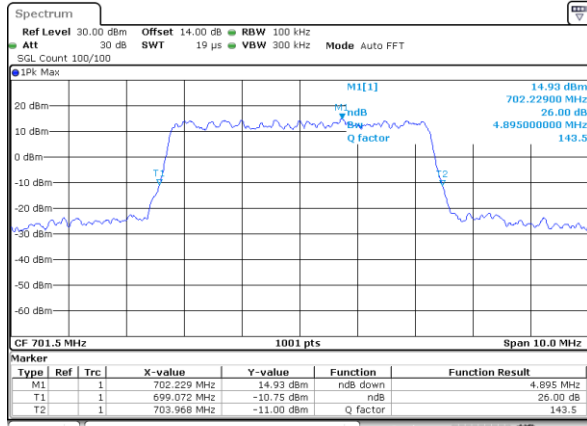
Highest Channel / 3MHz / 16QAM



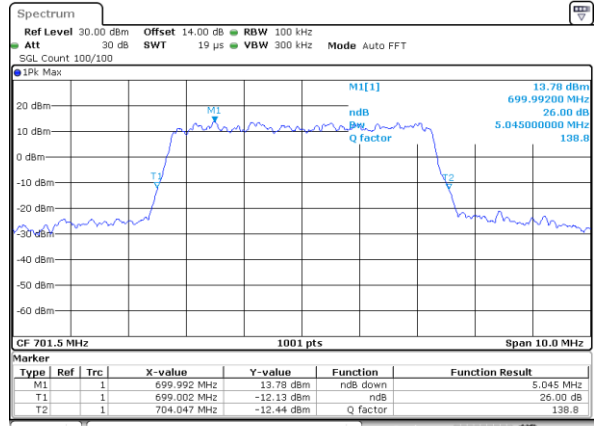


LTE Band 12

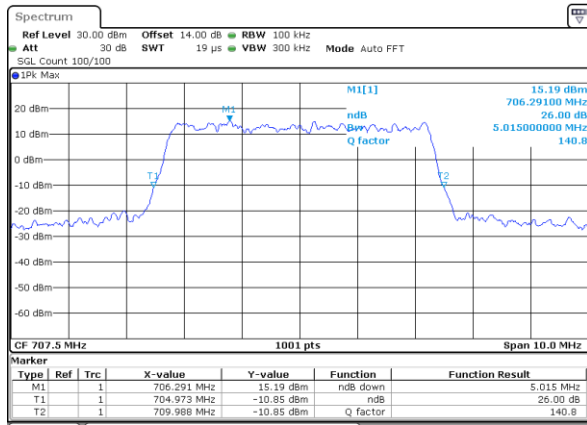
Lowest Channel / 5MHz / QPSK



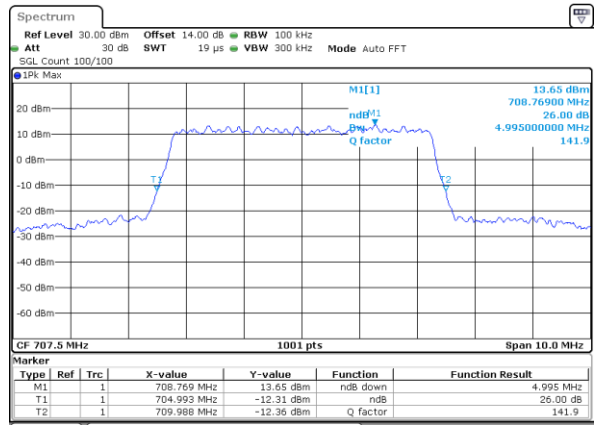
Lowest Channel / 5MHz / 16QAM



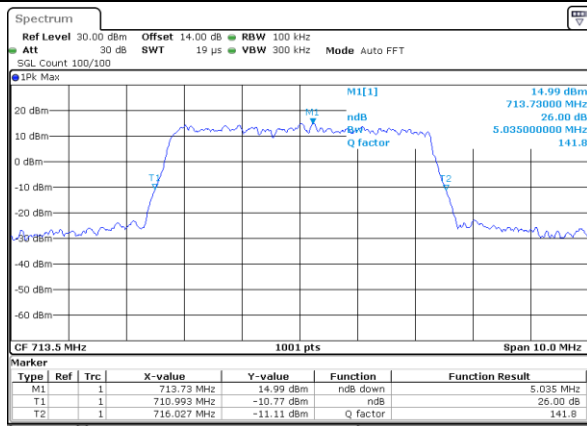
Middle Channel / 5MHz / QPSK



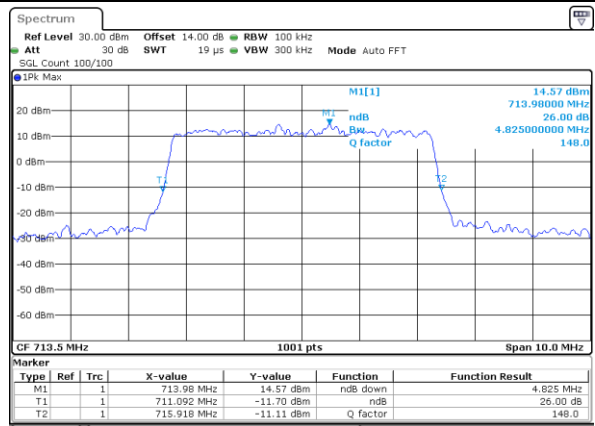
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



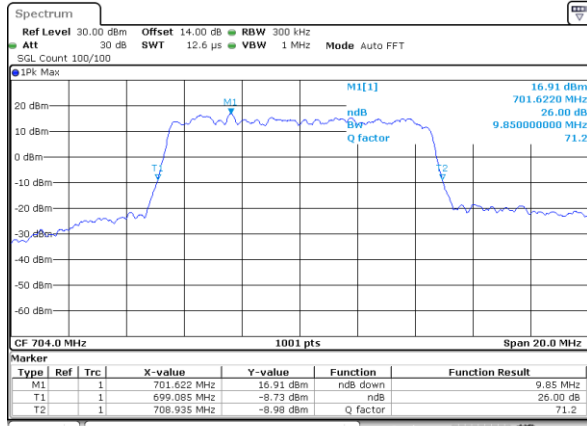
Highest Channel / 5MHz / 16QAM





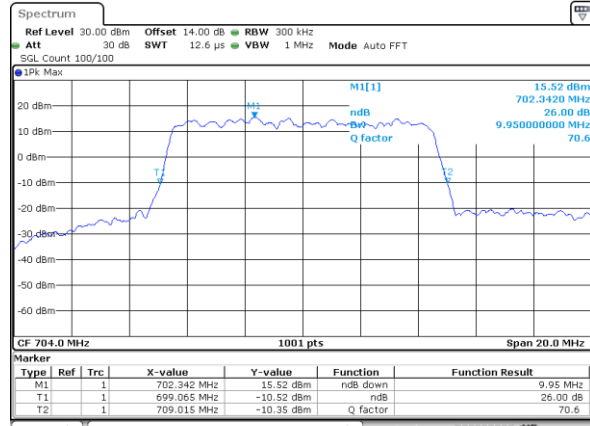
LTE Band 12

Lowest Channel / 10MHz / QPSK



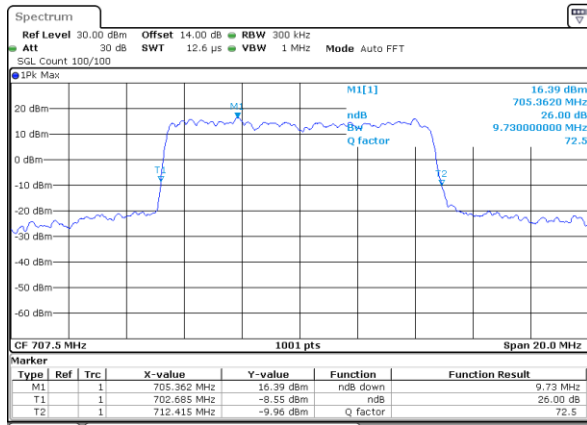
Date: 5,SEP,2017 16:42:05

Lowest Channel / 10MHz / 16QAM



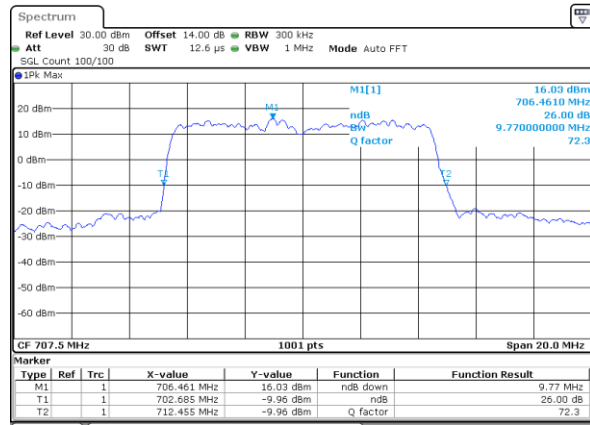
Date: 5,SEP,2017 16:42:15

Middle Channel / 10MHz / QPSK



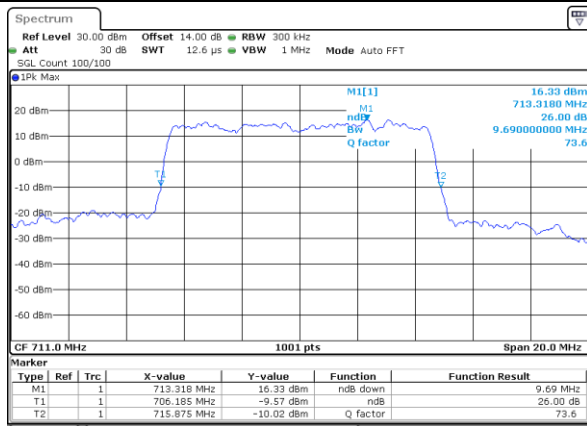
Date: 5,SEP,2017 16:49:16

Middle Channel / 10MHz / 16QAM



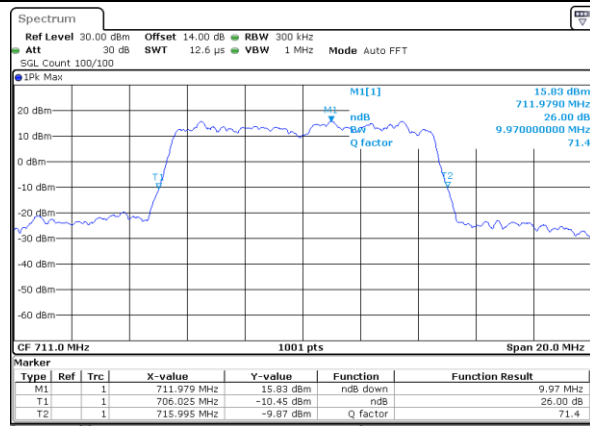
Date: 5,SEP,2017 16:49:26

Highest Channel / 10MHz / QPSK



Date: 5,SEP,2017 16:51:48

Highest Channel / 10MHz / 16QAM

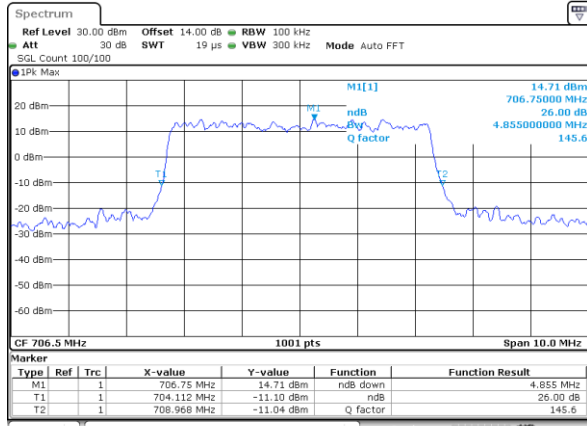


Date: 5,SEP,2017 16:51:58



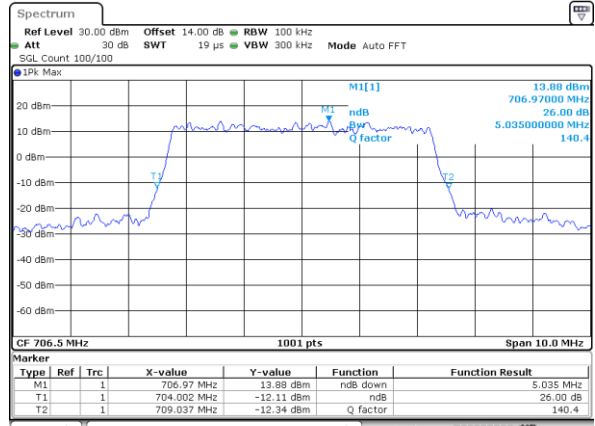
LTE Band 17

Lowest Channel / 5MHz / QPSK



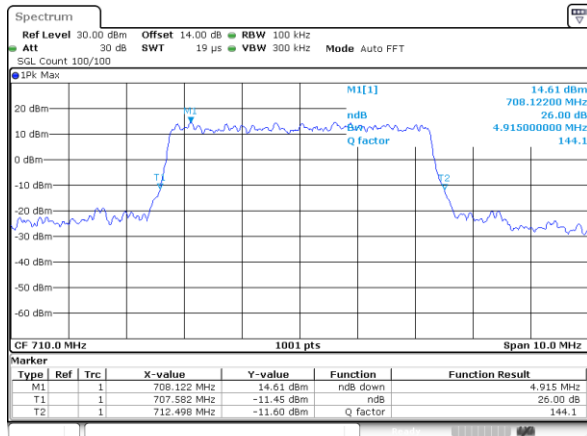
Date: 5,SEP,2017 19:11:17

Lowest Channel / 5MHz / 16QAM



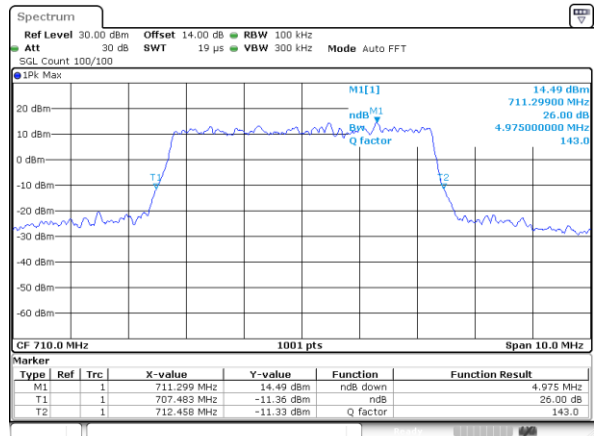
Date: 5,SEP,2017 19:11:27

Middle Channel / 5MHz / QPSK



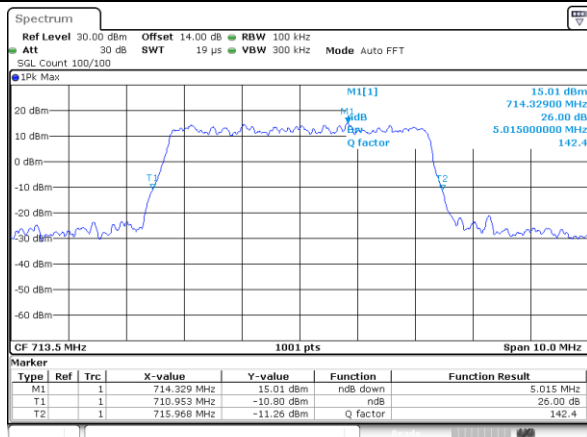
Date: 5,SEP,2017 19:18:29

Middle Channel / 5MHz / 16QAM



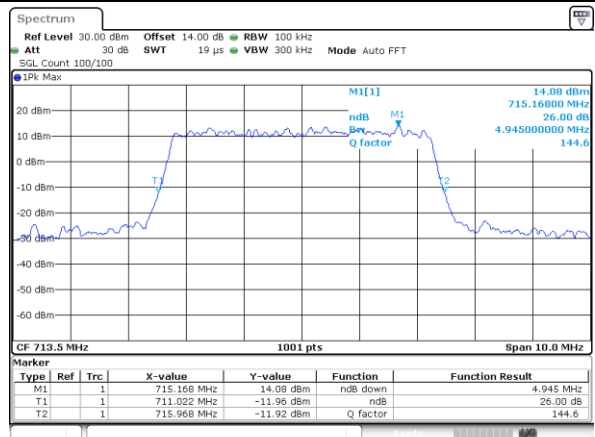
Date: 5,SEP,2017 19:18:39

Highest Channel / 5MHz / QPSK



Date: 5,SEP,2017 19:21:02

Highest Channel / 5MHz / 16QAM

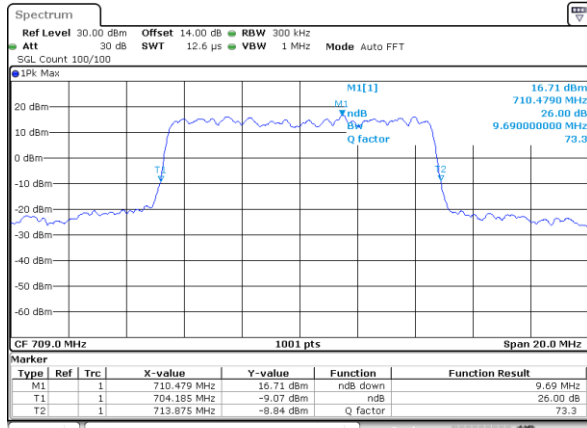


Date: 5,SEP,2017 19:21:13

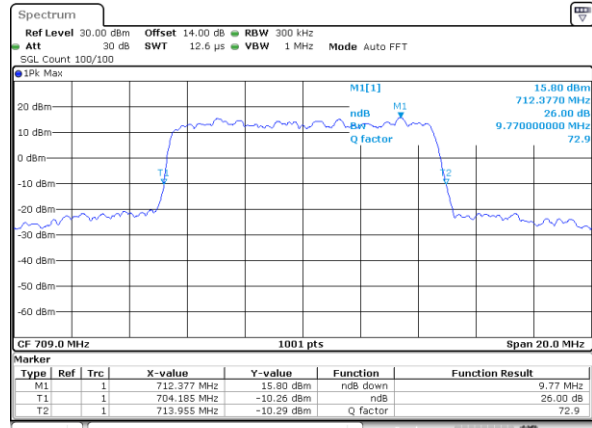


LTE Band 17

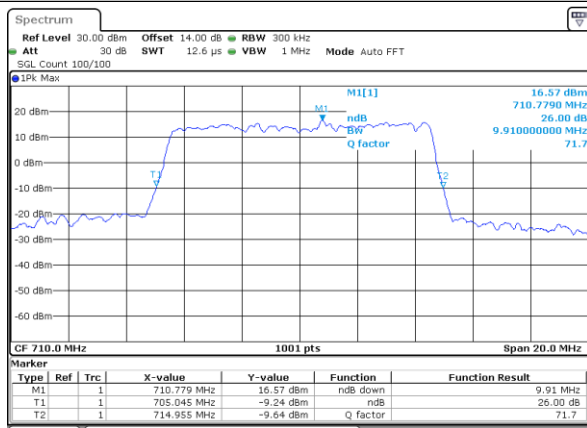
Lowest Channel / 10MHz / QPSK



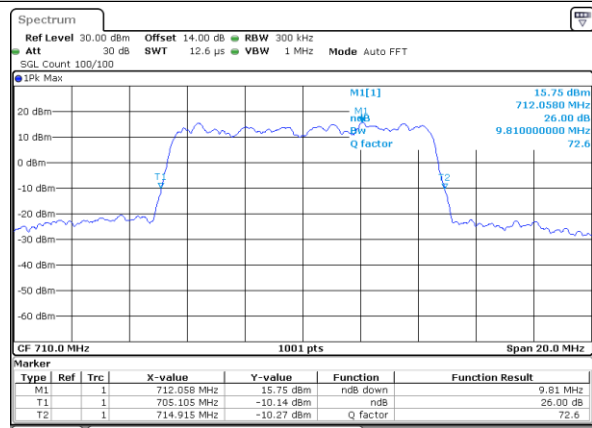
Lowest Channel / 10MHz / 16QAM



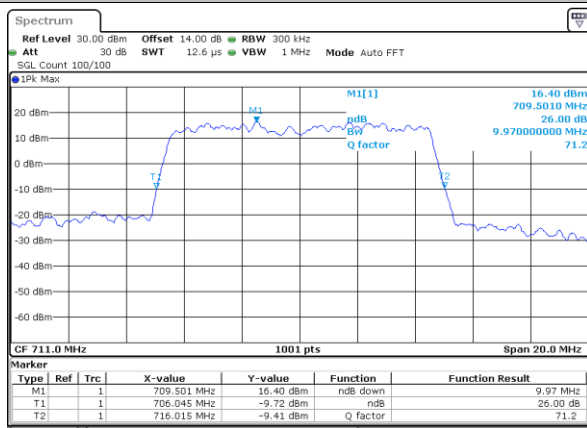
Middle Channel / 10MHz / QPSK



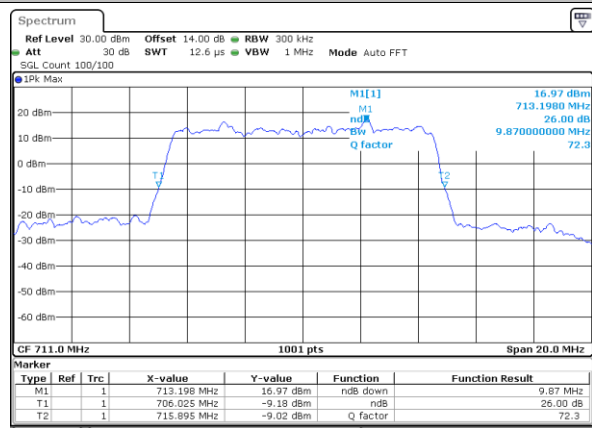
Middle Channel / 10MHz / 16QAM



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	2.72	2.69	4.48	4.50	9.05	9.09	13.46	13.49	18.38	18.26
Middle CH	1.09	1.10	2.72	2.74	4.50	4.52	9.05	9.05	13.46	13.43	18.46	18.26
Highest CH	1.09	1.10	2.72	2.73	4.49	4.50	9.01	8.97	13.46	13.46	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	1.09	2.73	2.71	4.51	4.52	8.99	9.03	13.49	13.49	18.26	18.46
Middle CH	1.09	1.10	2.73	2.70	4.53	4.51	9.05	8.97	13.49	13.49	18.34	18.38
Highest CH	1.09	1.09	2.70	2.72	4.52	4.53	8.97	9.05	13.43	13.49	18.50	18.34

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	-	-	-	-	4.51	4.51	9.07	9.05	13.46	13.46	18.38	18.30
Middle CH	-	-	-	-	4.50	4.52	9.03	8.99	13.49	13.46	18.22	18.42
Highest CH	-	-	-	-	4.50	4.49	8.99	9.03	13.43	13.43	18.26	18.50

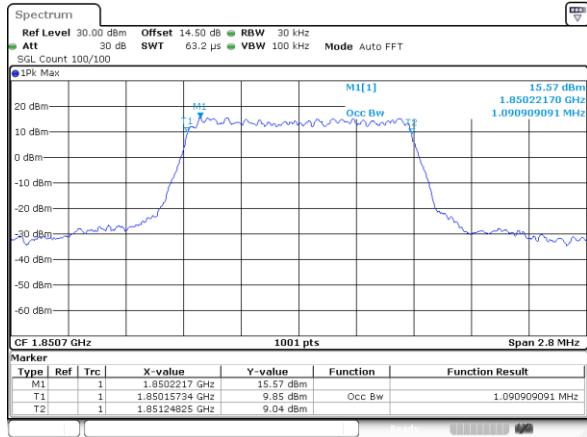
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.48	4.50	9.03	8.99	-	-	-	-
Middle CH	1.09	1.10	2.72	2.70	4.52	4.52	9.07	9.05	-	-	-	-
Highest CH	1.09	1.09	2.74	2.70	4.52	4.49	9.11	9.03	-	-	-	-

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	-	-	-	-	4.50	4.50	9.07	9.01	-	-	-	-
Middle CH	-	-	-	-	4.49	4.51	9.03	9.09	-	-	-	-
Highest CH	-	-	-	-	4.50	4.50	9.05	9.03	-	-	-	-

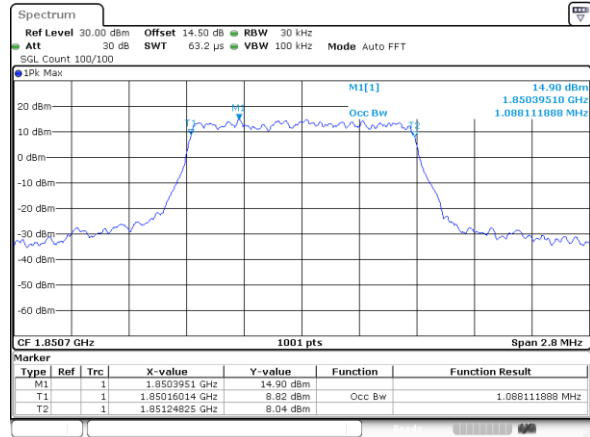


LTE Band 2

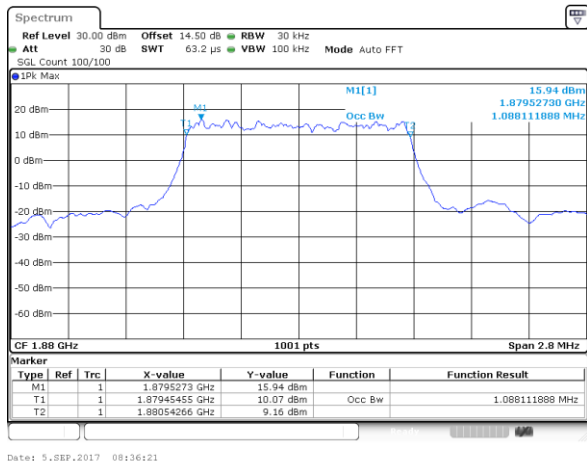
Lowest Channel / 1.4MHz / QPSK



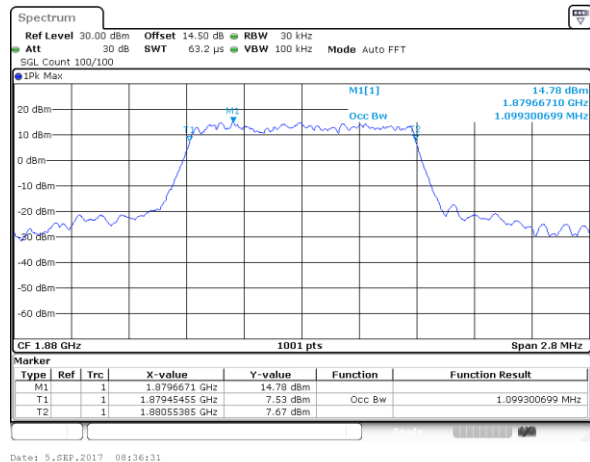
Lowest Channel / 1.4MHz / 16QAM



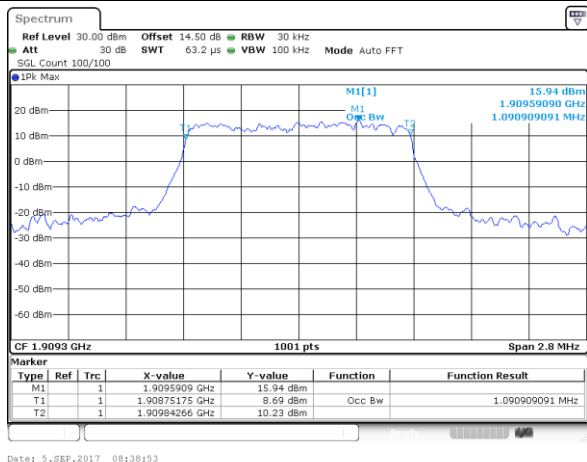
Middle Channel / 1.4MHz / QPSK



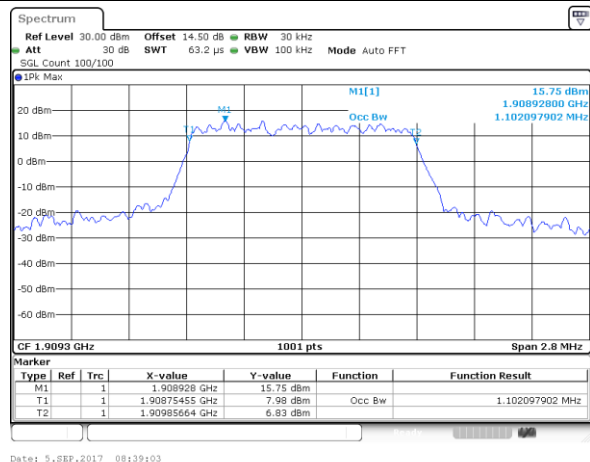
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



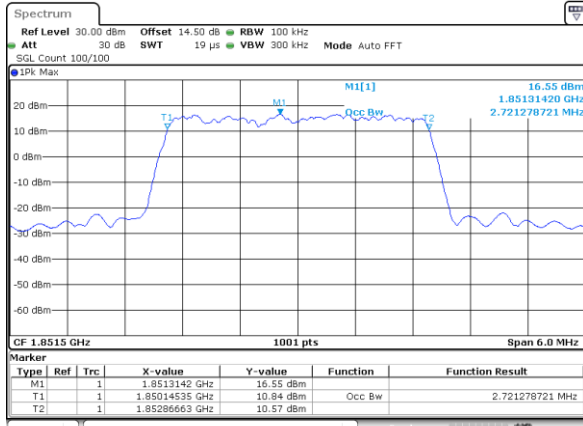
Highest Channel / 1.4MHz / 16QAM



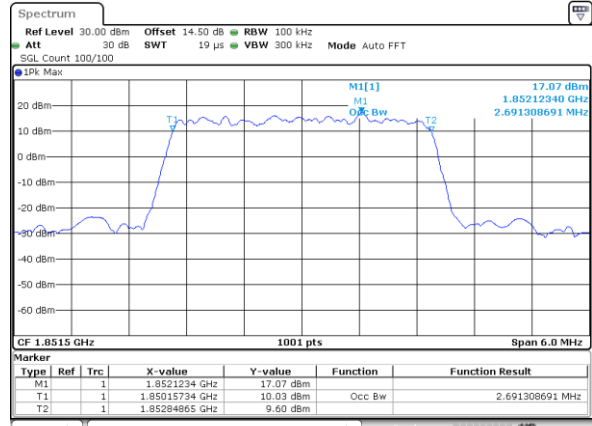


LTE Band 2

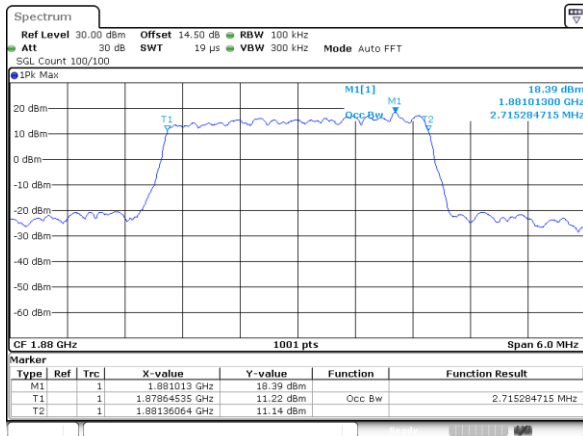
Lowest Channel / 3MHz / QPSK



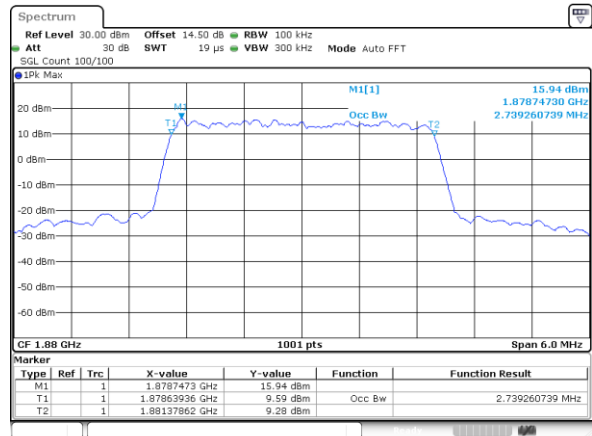
Lowest Channel / 3MHz / 16QAM



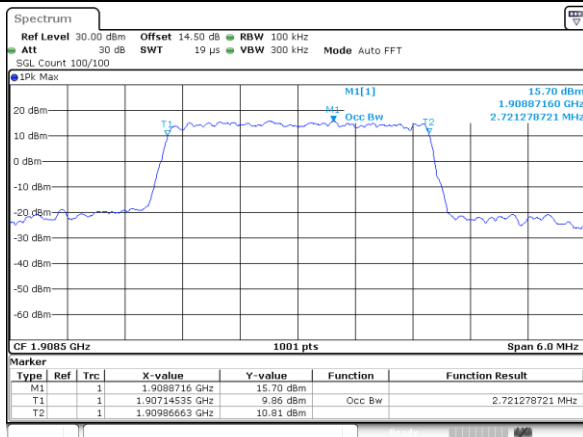
Middle Channel / 3MHz / QPSK



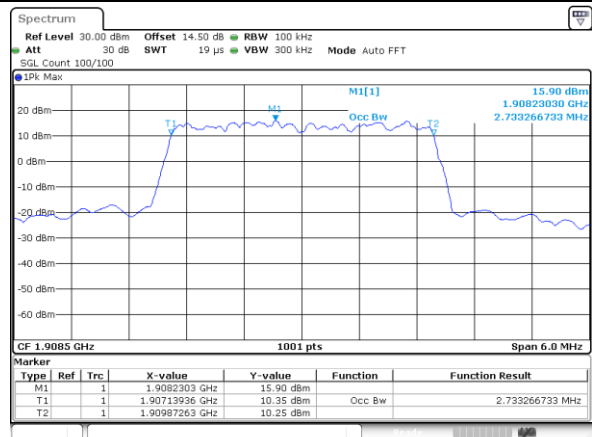
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



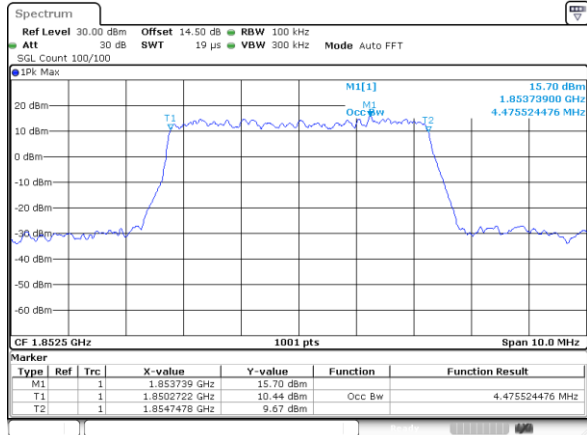
Highest Channel / 3MHz / 16QAM



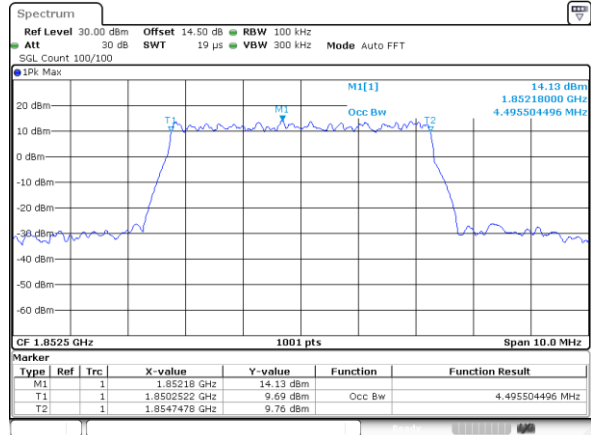


LTE Band 2

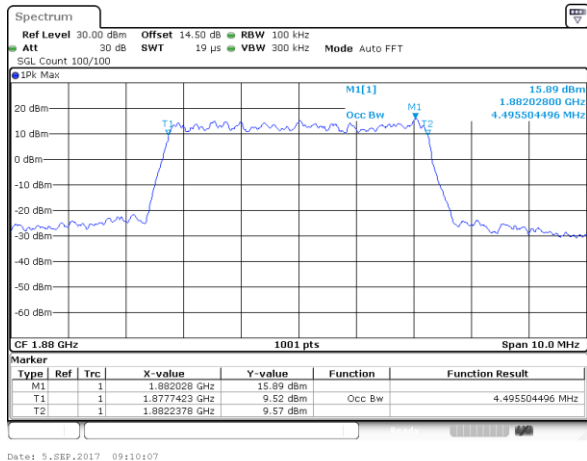
Lowest Channel / 5MHz / QPSK



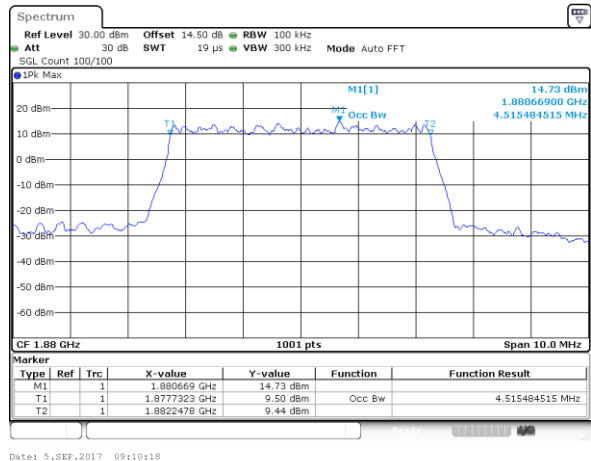
Lowest Channel / 5MHz / 16QAM



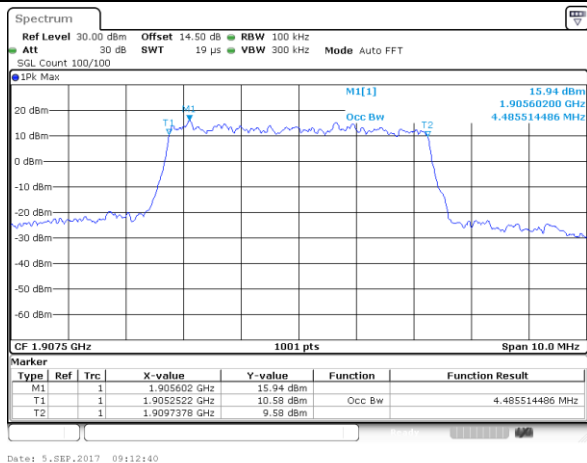
Middle Channel / 5MHz / QPSK



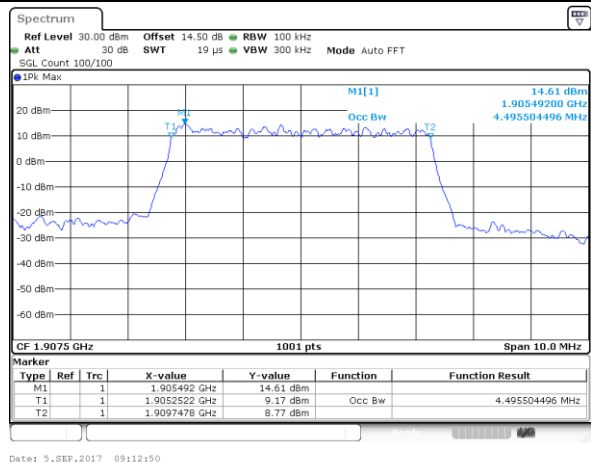
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



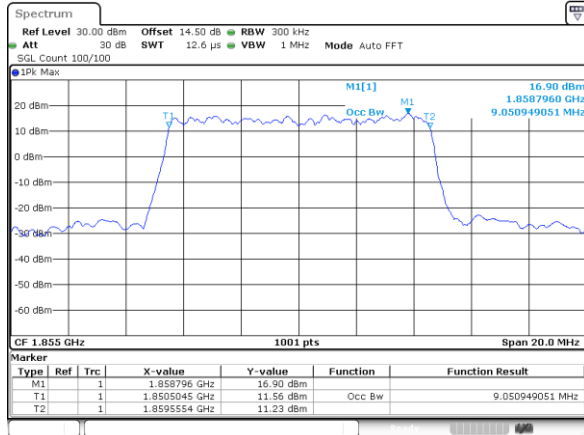
Highest Channel / 5MHz / 16QAM



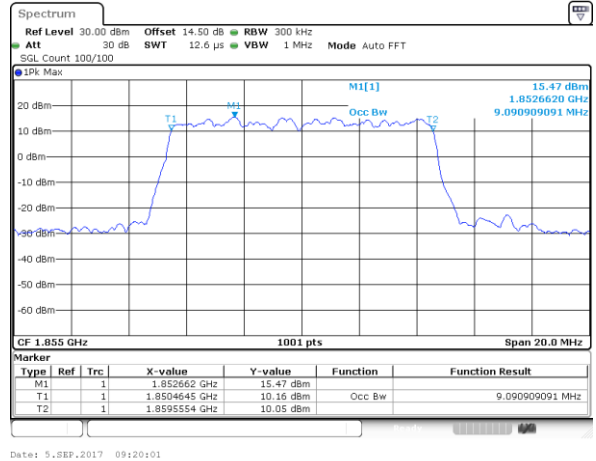


LTE Band 2

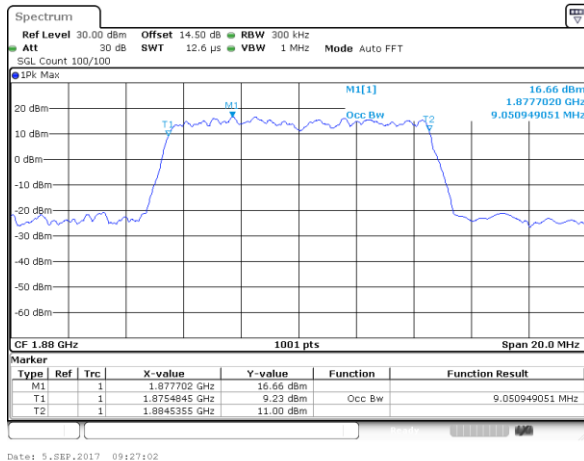
Lowest Channel / 10MHz / QPSK



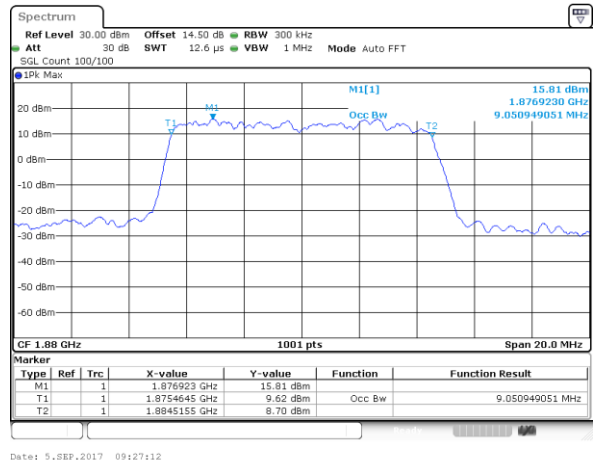
Lowest Channel / 10MHz / 16QAM



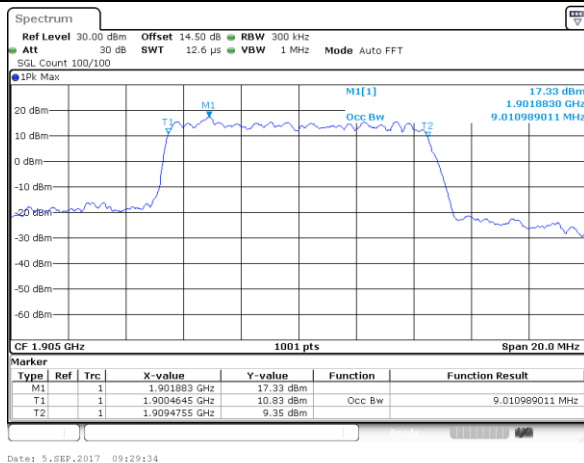
Middle Channel / 10MHz / QPSK



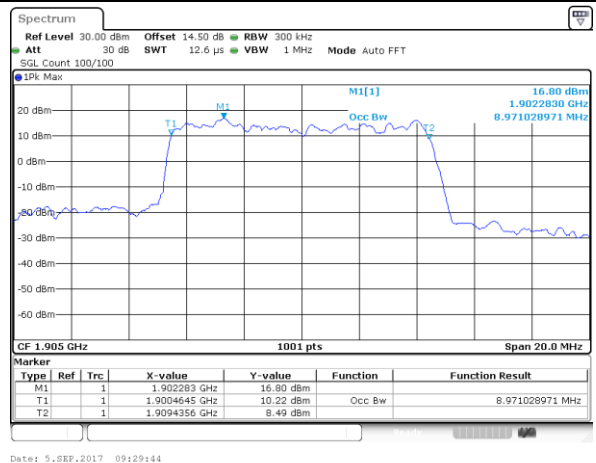
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



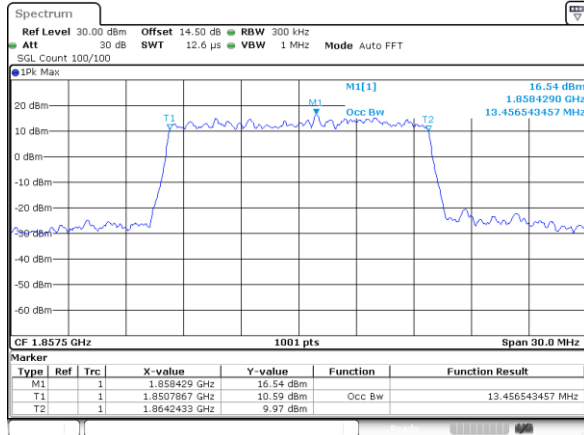
Highest Channel / 10MHz / 16QAM



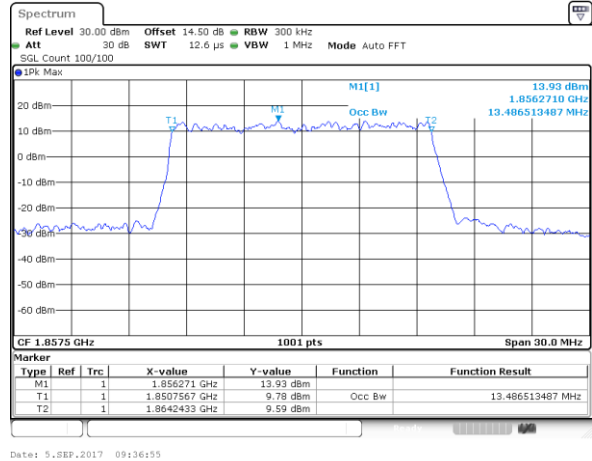


LTE Band 2

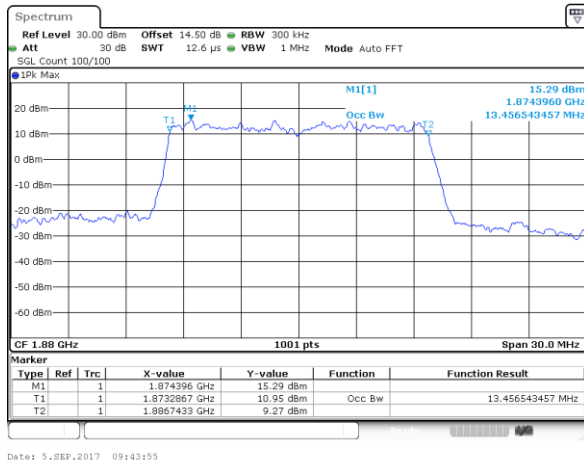
Lowest Channel / 15MHz / QPSK



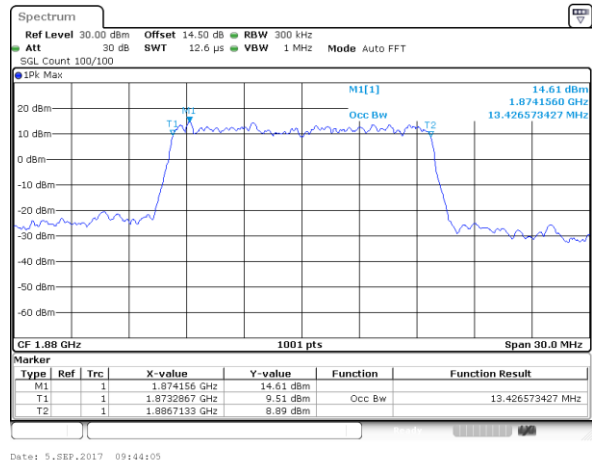
Lowest Channel / 15MHz / 16QAM



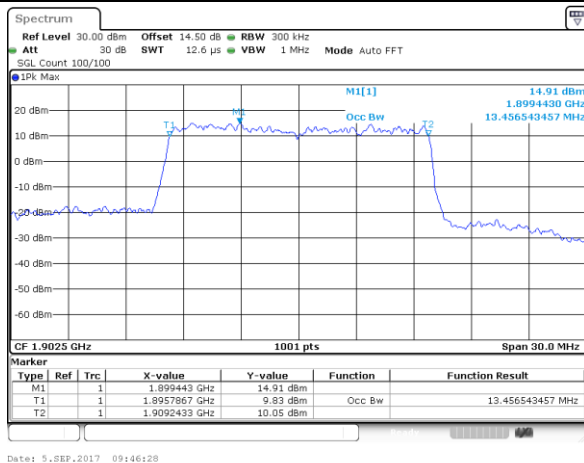
Middle Channel / 15MHz / QPSK



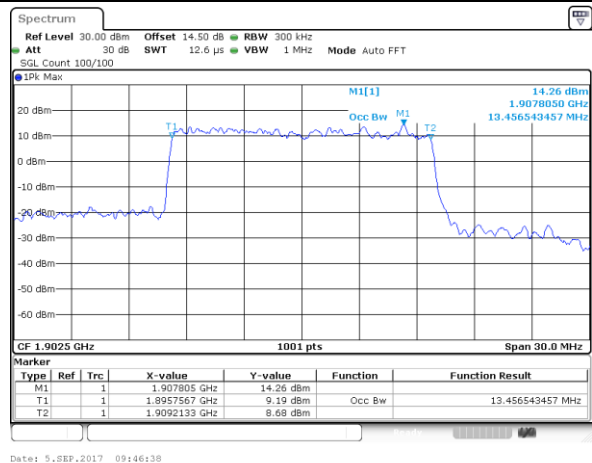
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



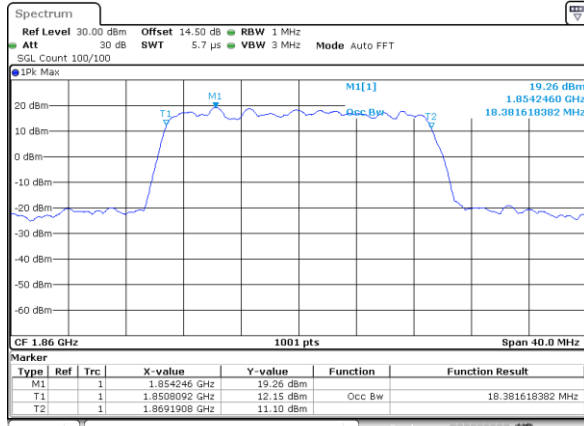
Highest Channel / 15MHz / 16QAM



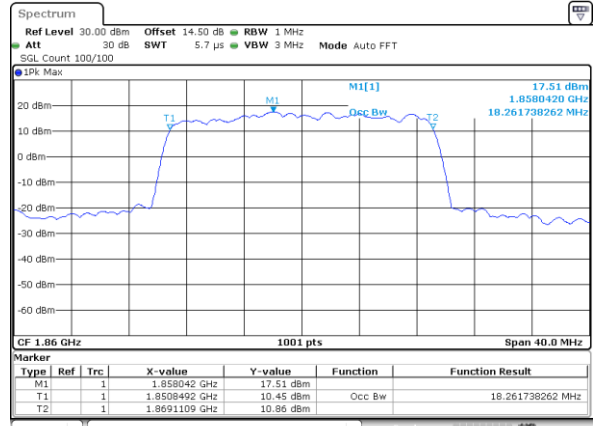


LTE Band 2

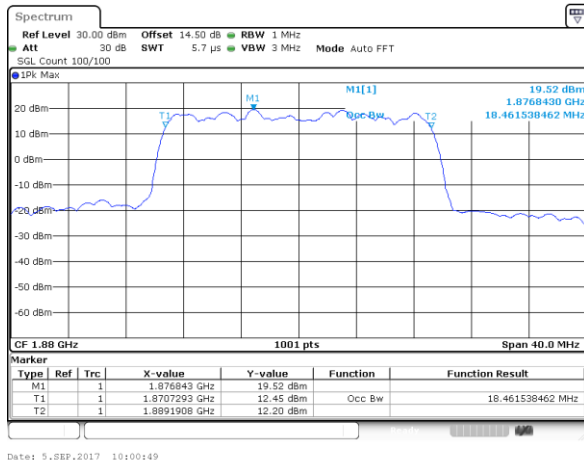
Lowest Channel / 20MHz / QPSK



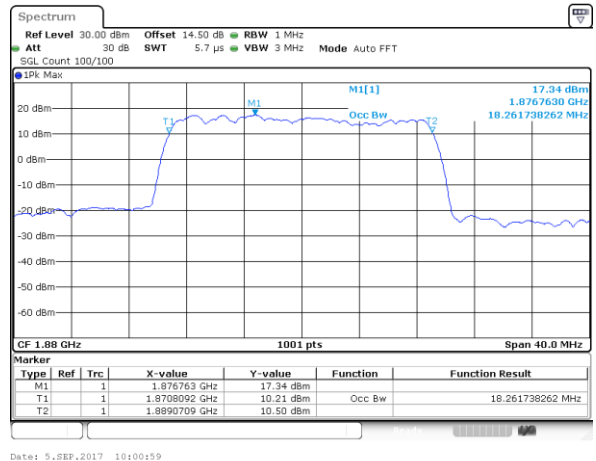
Lowest Channel / 20MHz / 16QAM



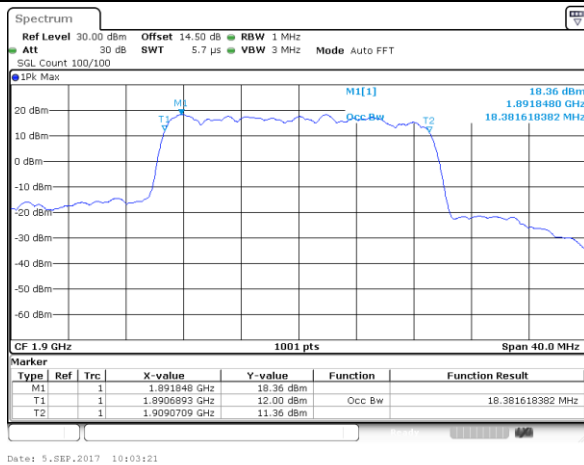
Middle Channel / 20MHz / QPSK



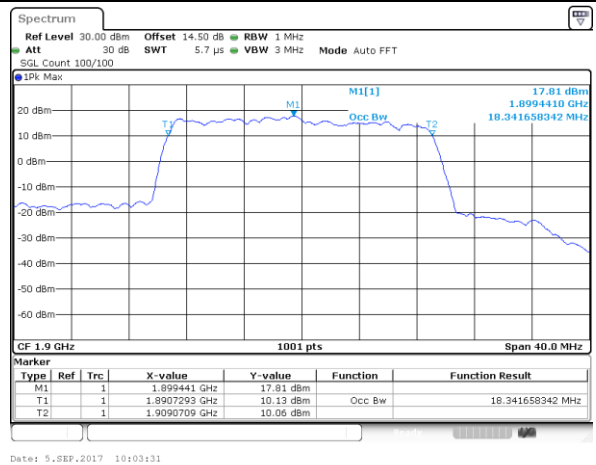
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



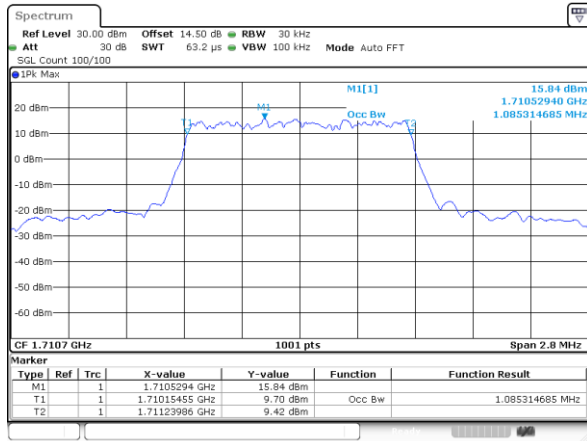
Highest Channel / 20MHz / 16QAM



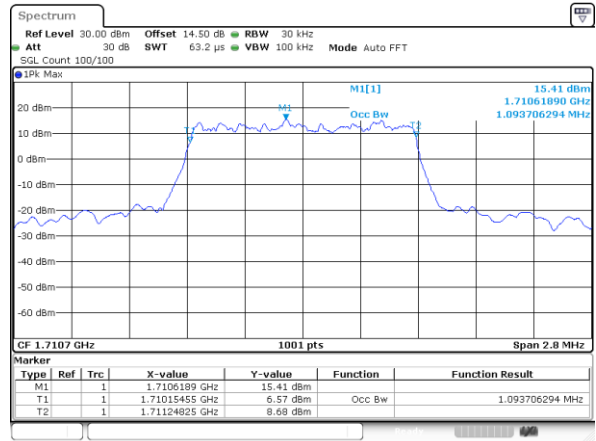


LTE Band 4

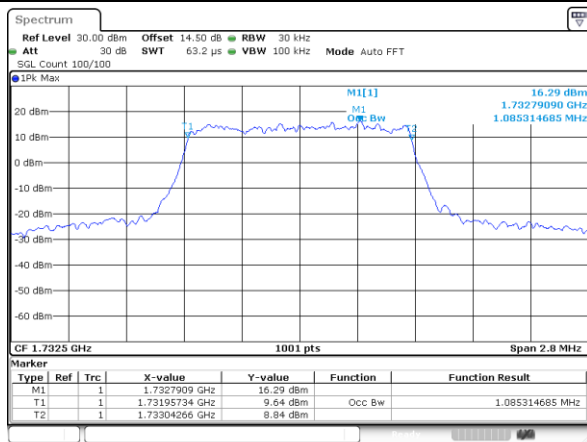
Lowest Channel / 1.4MHz / QPSK



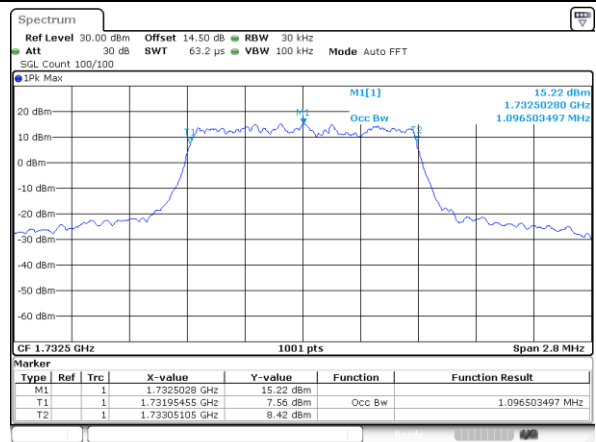
Lowest Channel / 1.4MHz / 16QAM



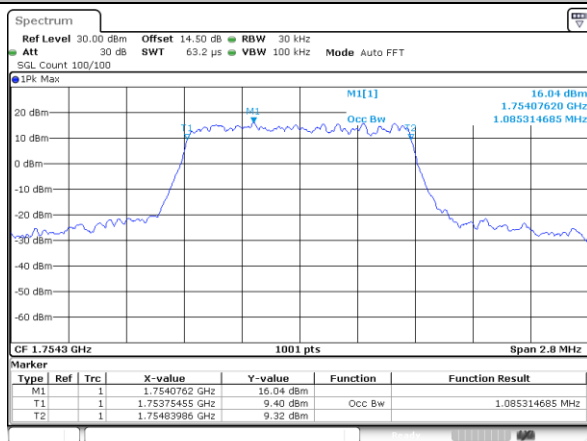
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

