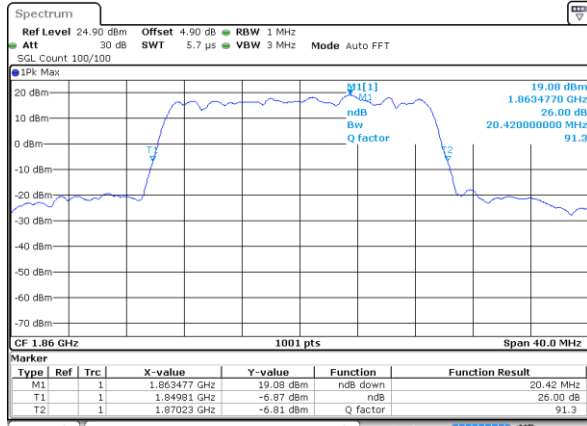


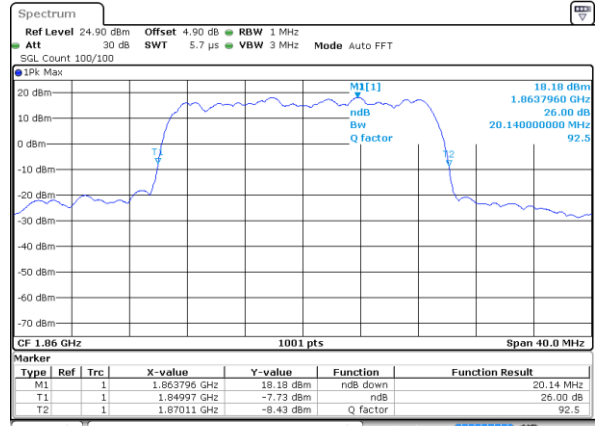


LTE Band 2

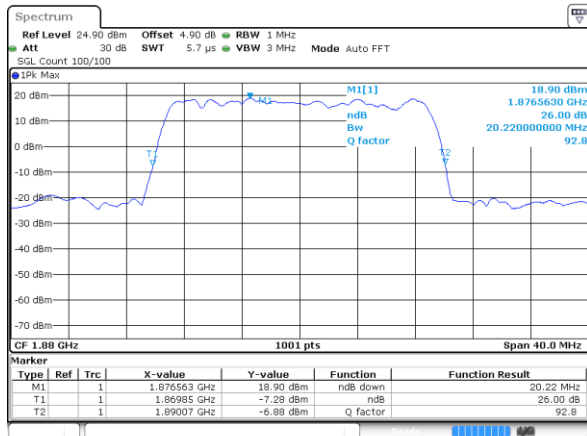
Lowest Channel / 20MHz / QPSK



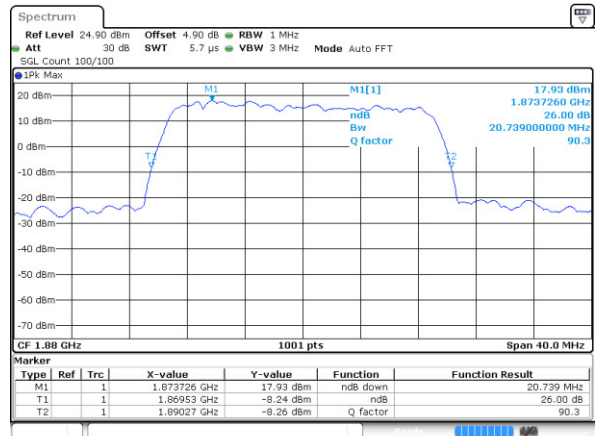
Lowest Channel / 20MHz / 16QAM



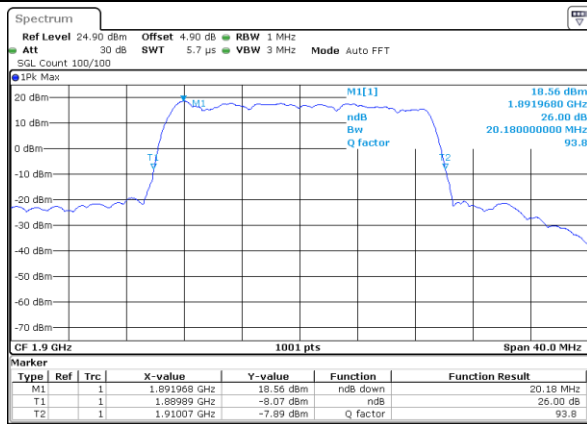
Middle Channel / 20MHz / QPSK



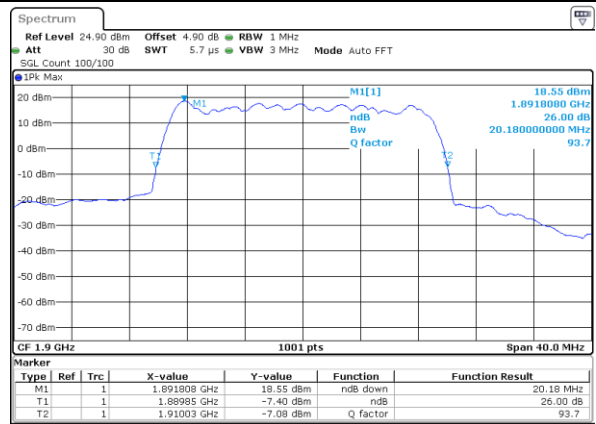
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



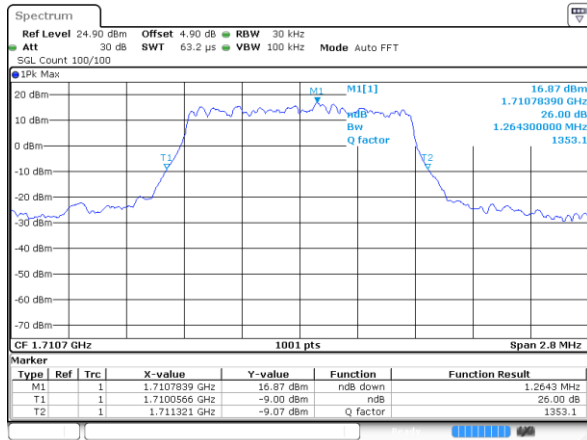
Highest Channel / 20MHz / 16QAM





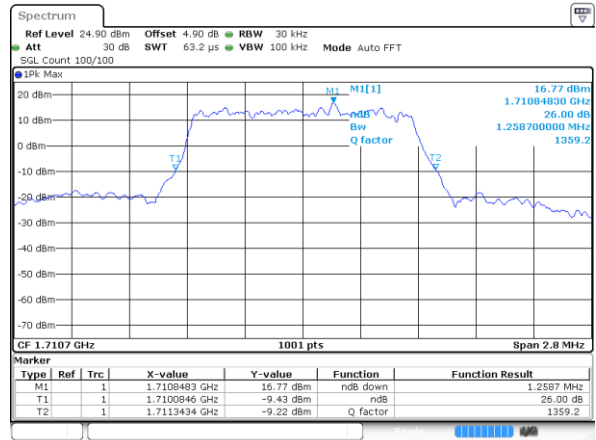
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



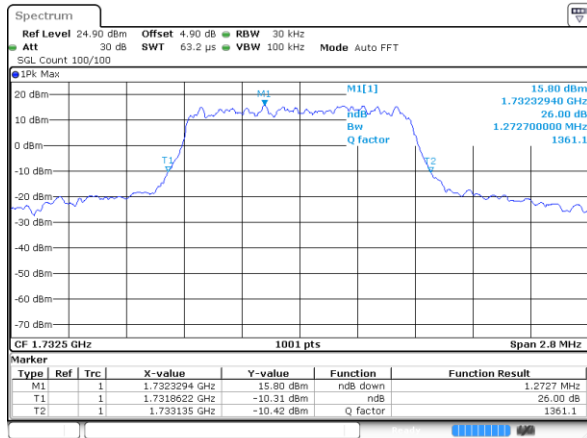
Date: 9 FEB 2018 13:13:20

Lowest Channel / 1.4MHz / 16QAM



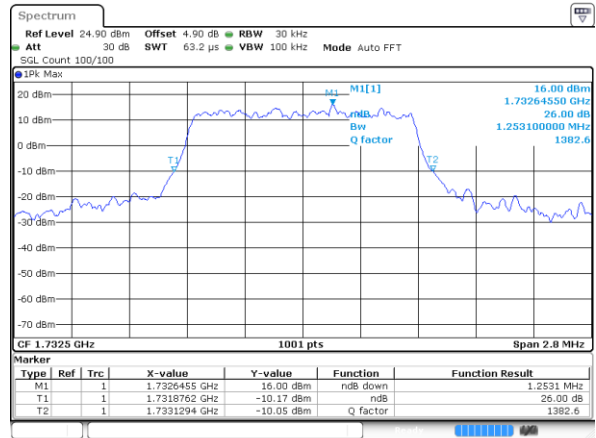
Date: 9 FEB 2018 13:13:31

Middle Channel / 1.4MHz / QPSK



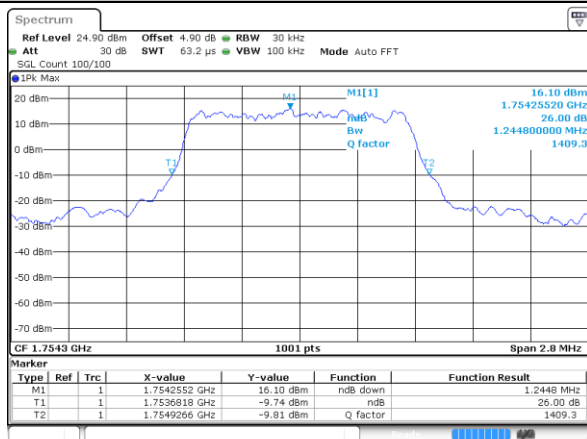
Date: 9 FEB 2018 13:20:26

Middle Channel / 1.4MHz / 16QAM



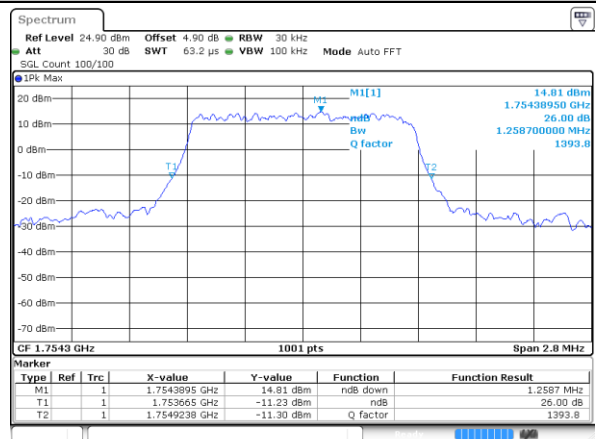
Date: 9 FEB 2018 13:20:36

Highest Channel / 1.4MHz / QPSK



Date: 9 FEB 2018 13:22:59

Highest Channel / 1.4MHz / 16QAM

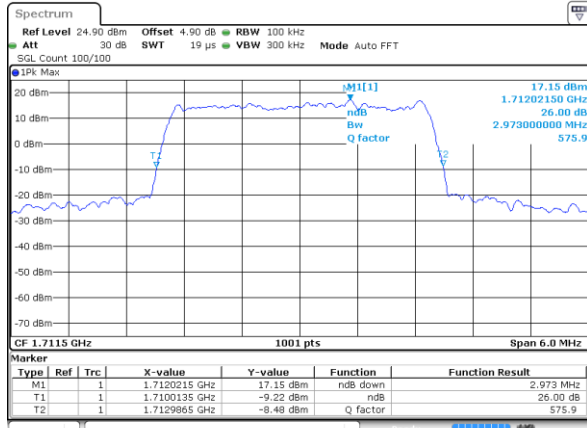


Date: 9 FEB 2018 13:23:09

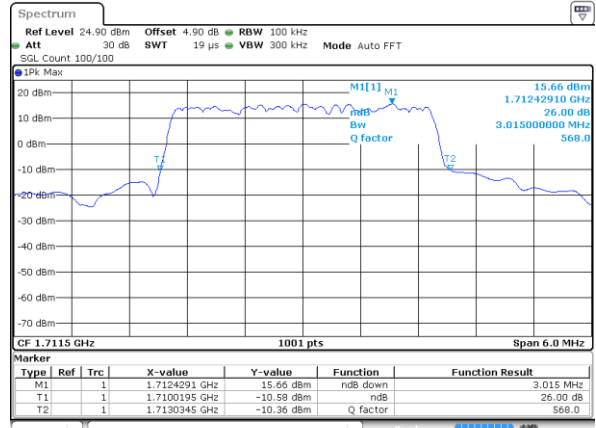


LTE Band 4

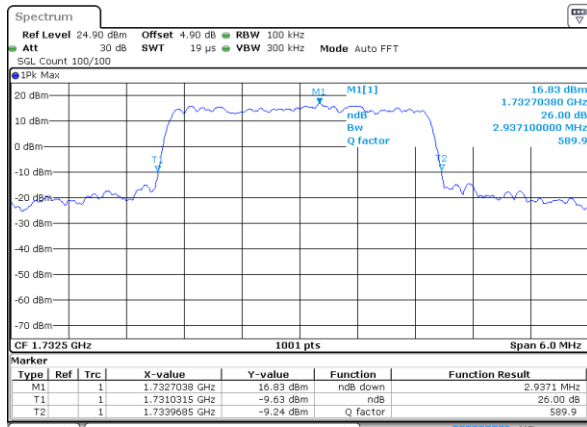
Lowest Channel / 3MHz / QPSK



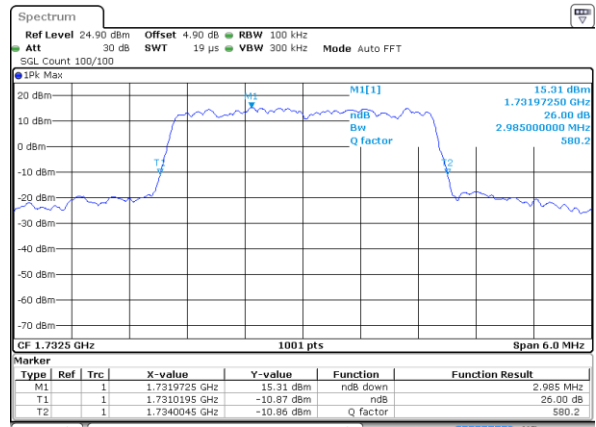
Lowest Channel / 3MHz / 16QAM



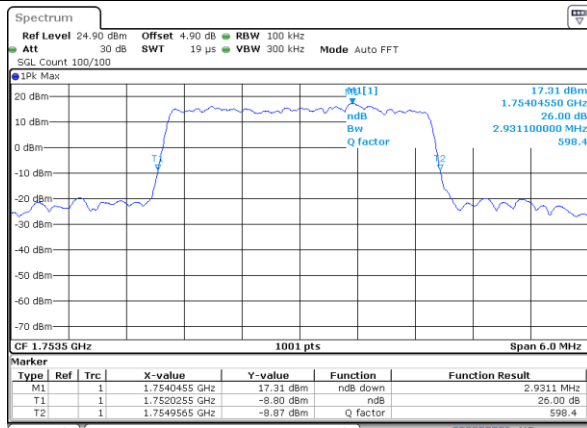
Middle Channel / 3MHz / QPSK



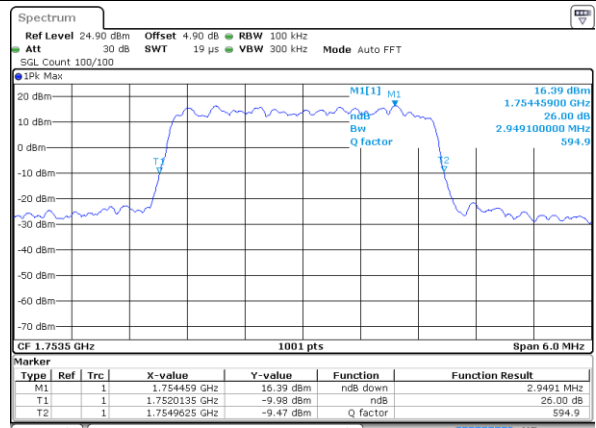
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



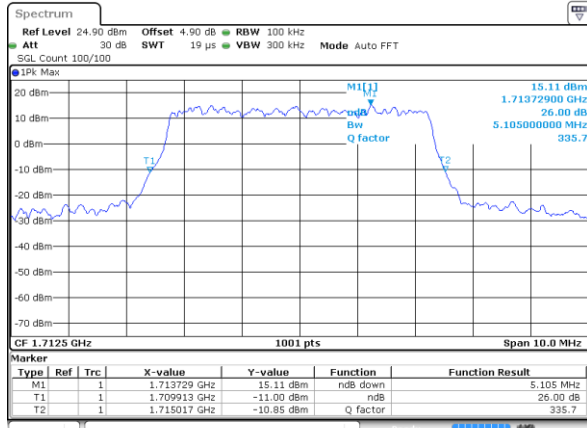
Highest Channel / 3MHz / 16QAM



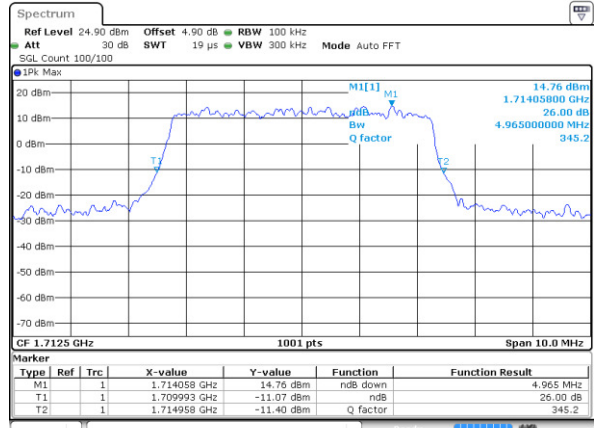


LTE Band 4

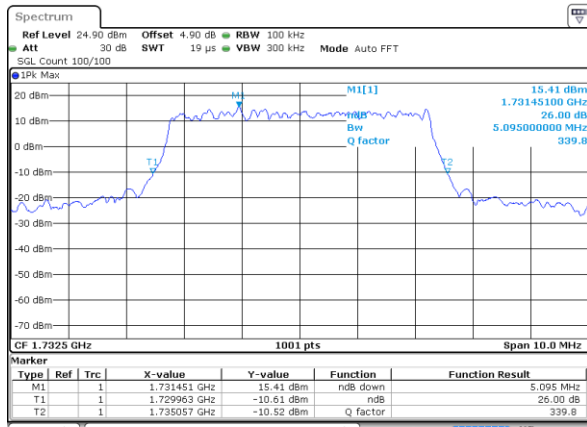
Lowest Channel / 5MHz / QPSK



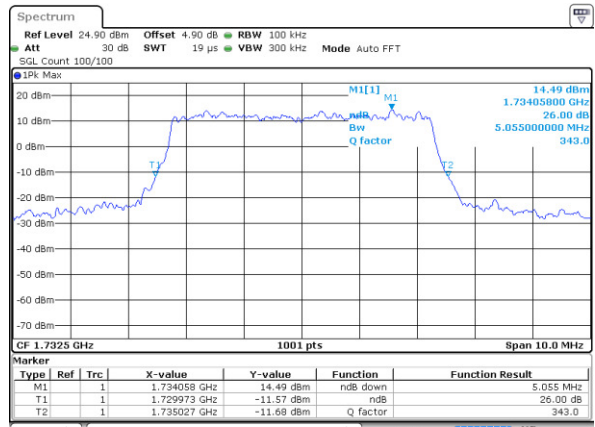
Lowest Channel / 5MHz / 16QAM



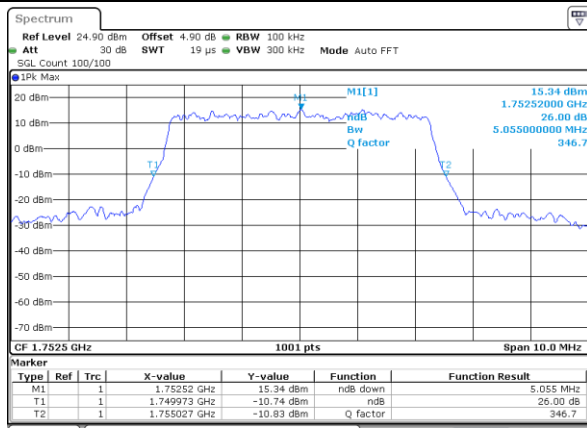
Middle Channel / 5MHz / QPSK



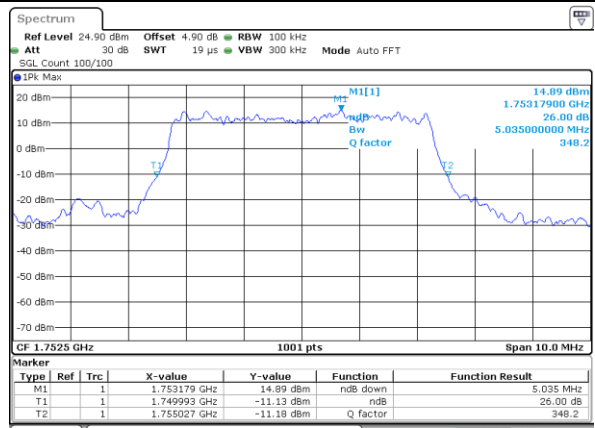
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



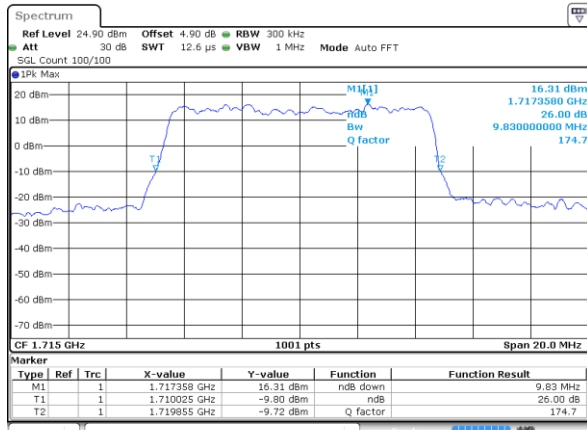
Highest Channel / 5MHz / 16QAM



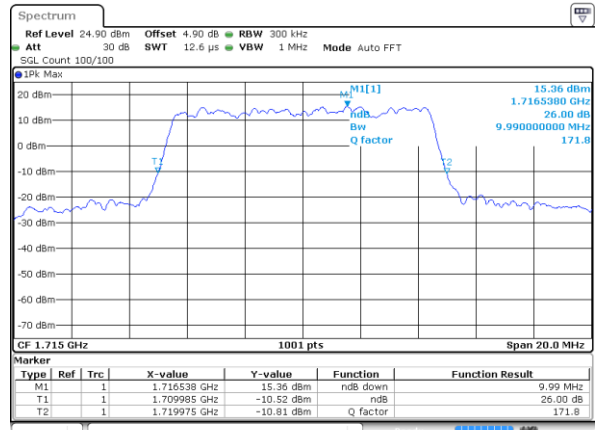


LTE Band 4

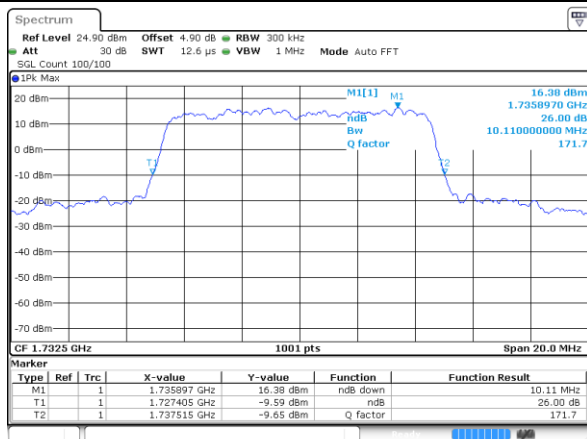
Lowest Channel / 10MHz / QPSK



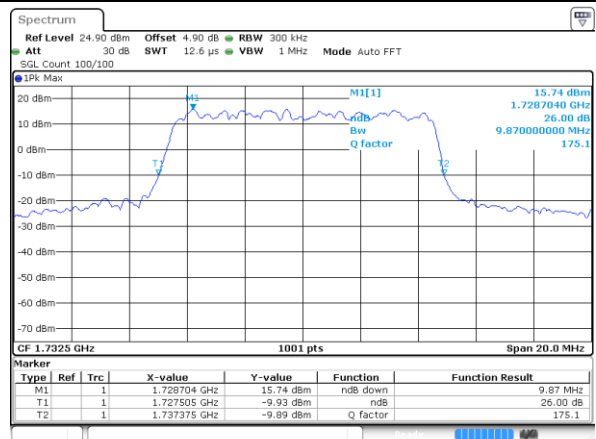
Lowest Channel / 10MHz / 16QAM



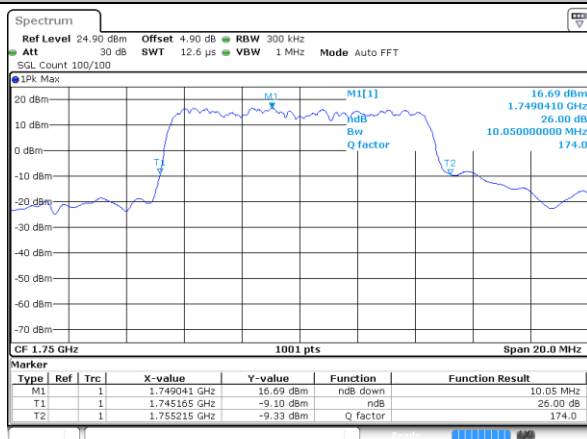
Middle Channel / 10MHz / QPSK



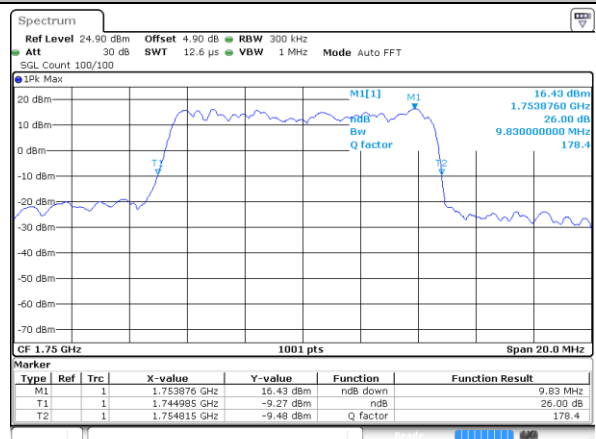
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



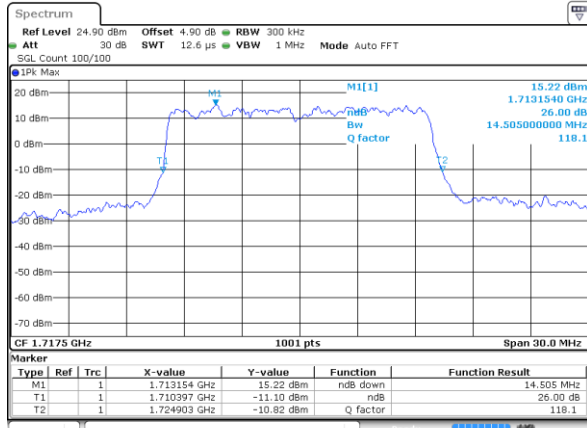
Highest Channel / 10MHz / 16QAM





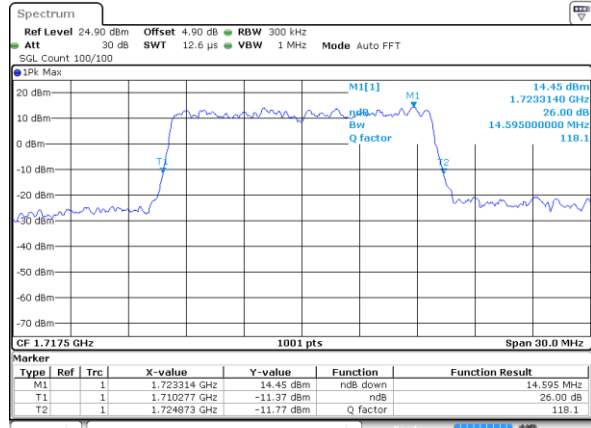
LTE Band 4

Lowest Channel / 15MHz / QPSK



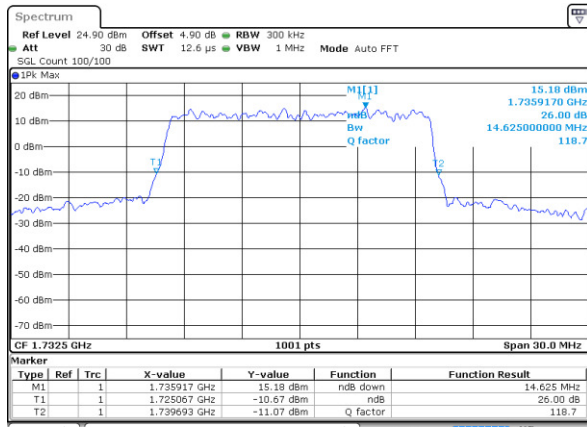
Date: 9 FEB 2018 14:20:29

Lowest Channel / 15MHz / 16QAM



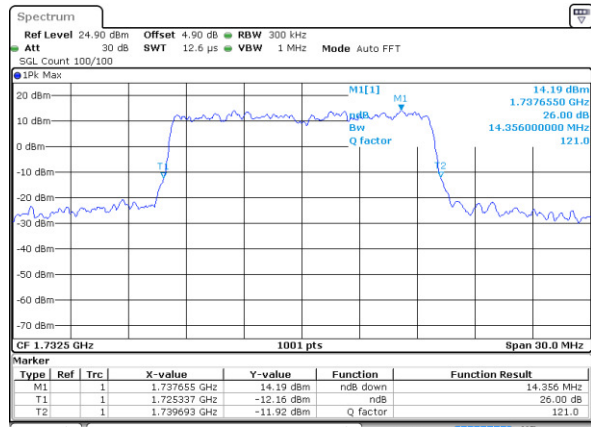
Date: 9 FEB 2018 14:20:40

Middle Channel / 15MHz / QPSK



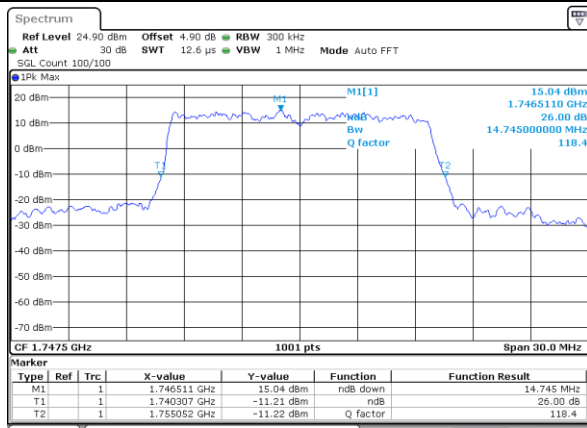
Date: 9 FEB 2018 14:29:55

Middle Channel / 15MHz / 16QAM



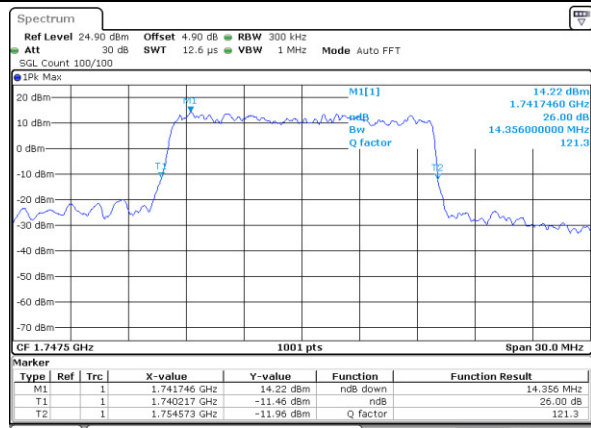
Date: 9 FEB 2018 14:30:06

Highest Channel / 15MHz / QPSK



Date: 9 FEB 2018 14:32:32

Highest Channel / 15MHz / 16QAM

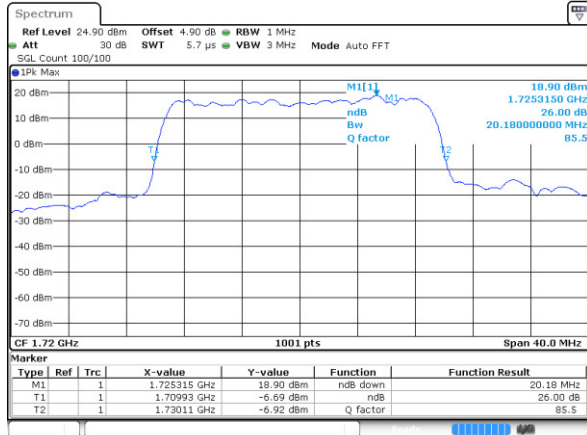


Date: 9 FEB 2018 14:32:43



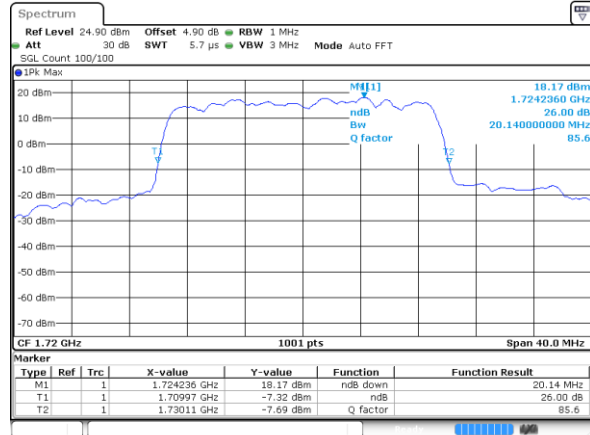
LTE Band 4

Lowest Channel / 20MHz / QPSK



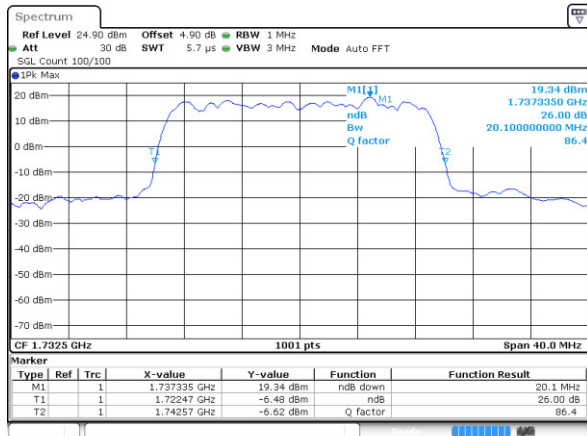
Date: 9 FEB 2018 14:39:44

Lowest Channel / 20MHz / 16QAM



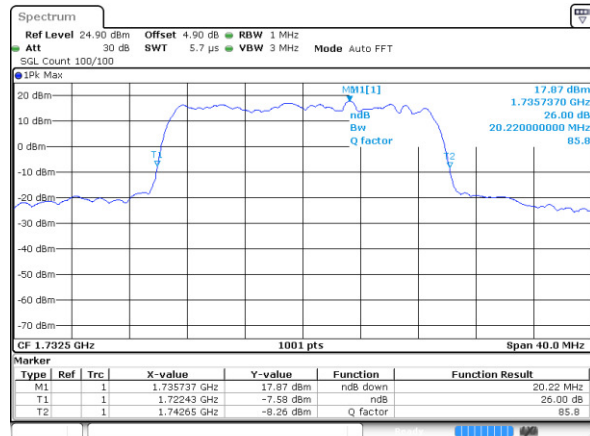
Date: 9 FEB 2018 14:39:54

Middle Channel / 20MHz / QPSK



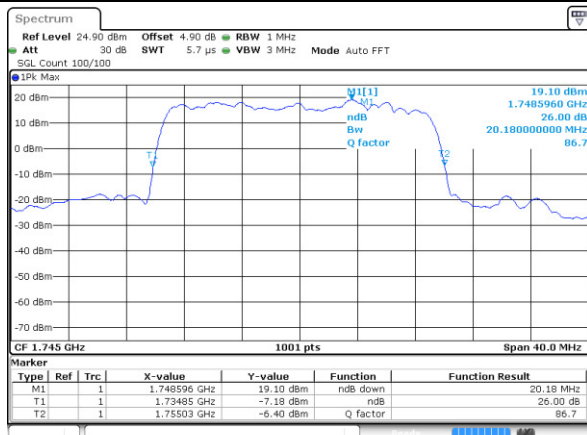
Date: 9 FEB 2018 14:46:52

Middle Channel / 20MHz / 16QAM



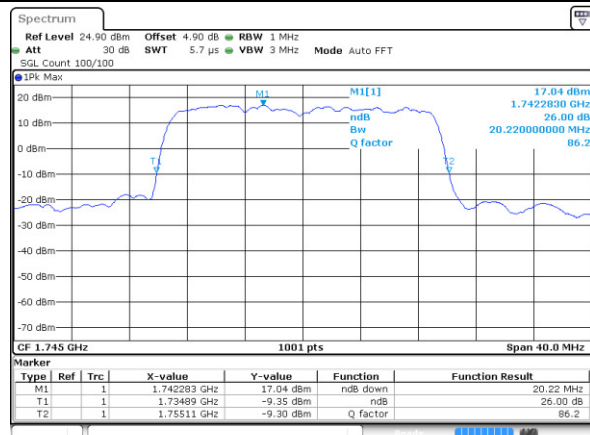
Date: 9 FEB 2018 14:47:04

Highest Channel / 20MHz / QPSK



Date: 9 FEB 2018 14:49:31

Highest Channel / 20MHz / 16QAM

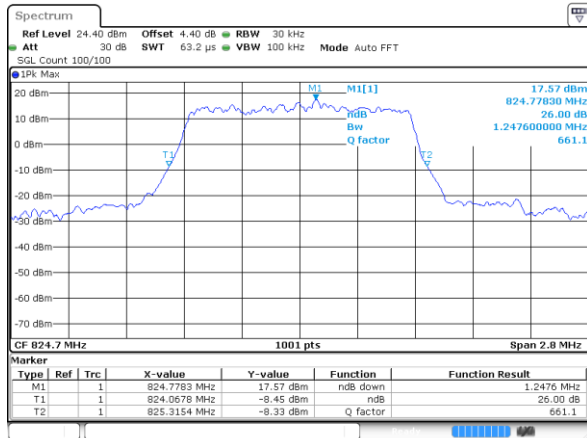


Date: 9 FEB 2018 14:49:42

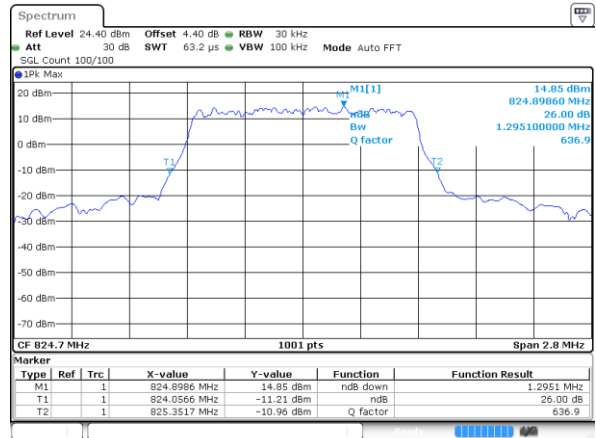


LTE Band 5

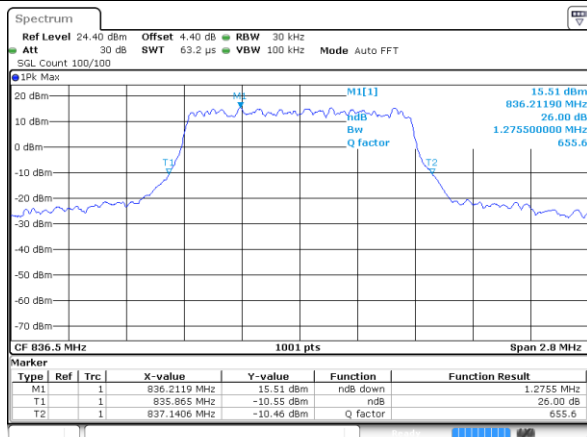
Lowest Channel / 1.4MHz / QPSK



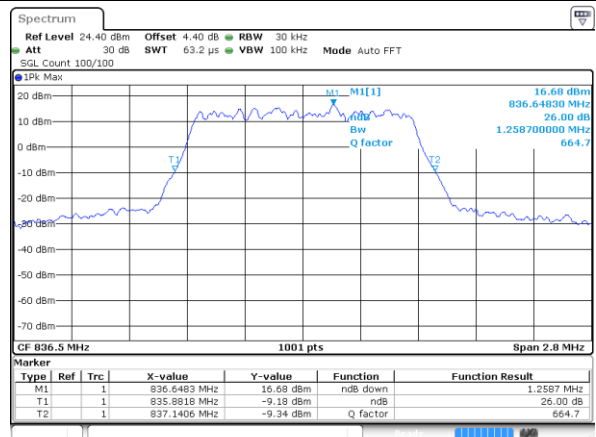
Lowest Channel / 1.4MHz / 16QAM



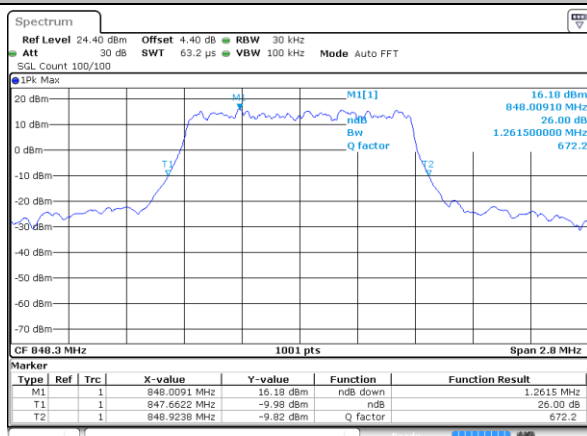
Middle Channel / 1.4MHz / QPSK



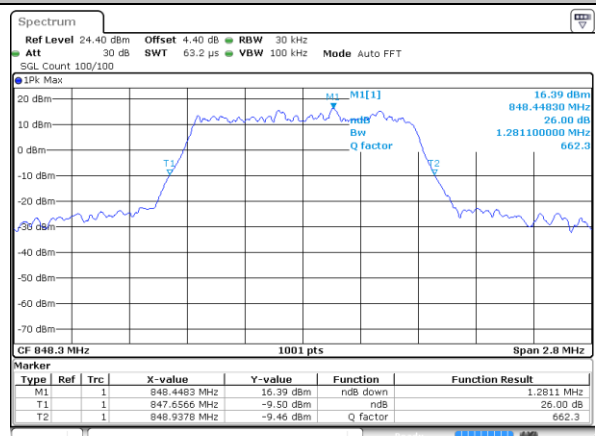
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



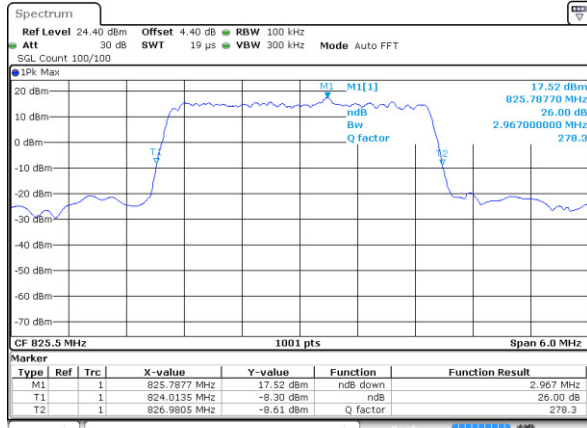
Highest Channel / 1.4MHz / 16QAM



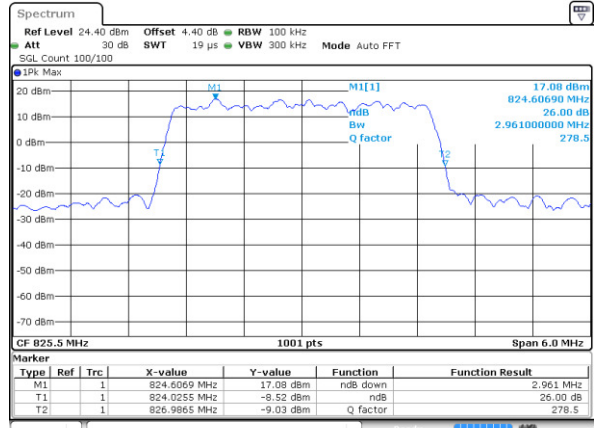


LTE Band 5

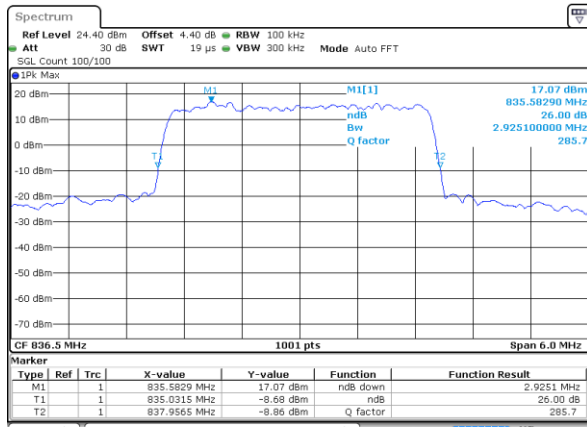
Lowest Channel / 3MHz / QPSK



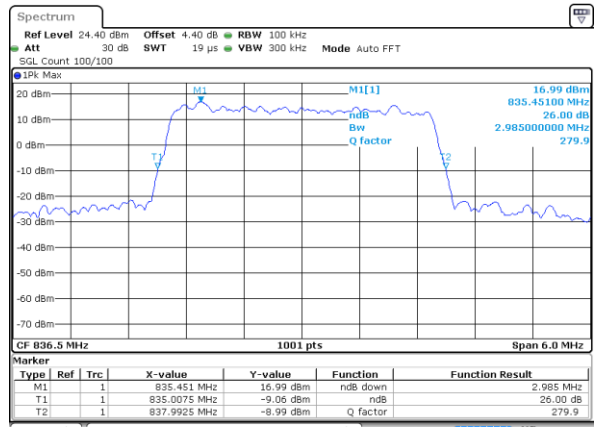
Lowest Channel / 3MHz / 16QAM



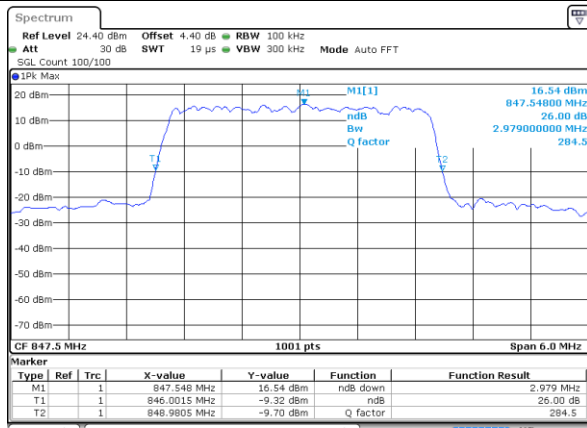
Middle Channel / 3MHz / QPSK



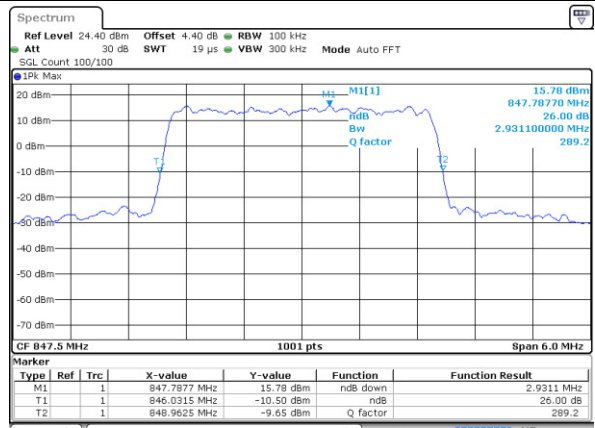
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



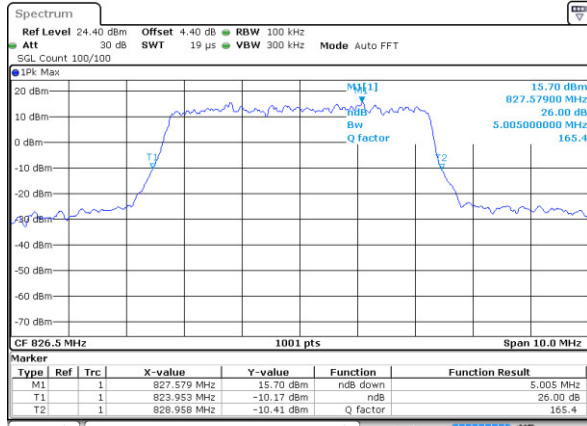
Highest Channel / 3MHz / 16QAM



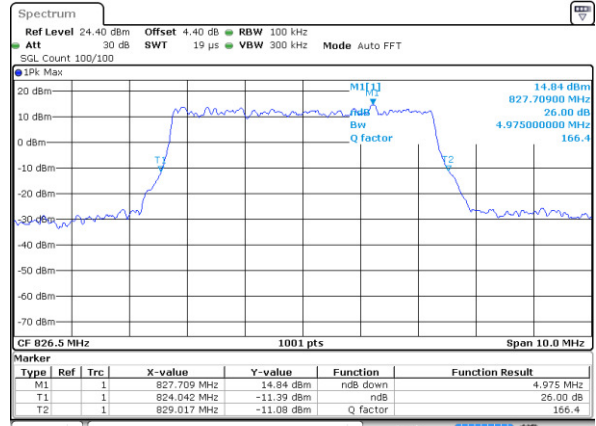


LTE Band 5

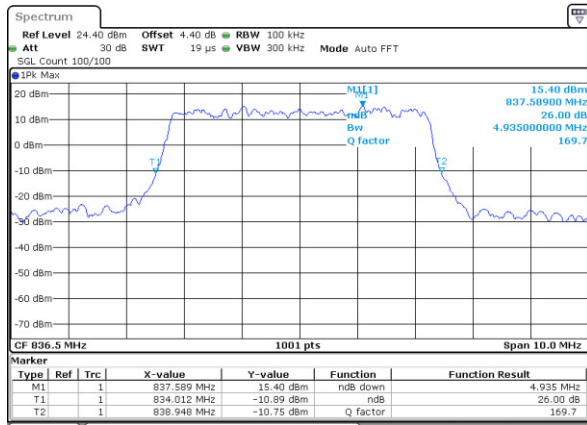
Lowest Channel / 5MHz / QPSK



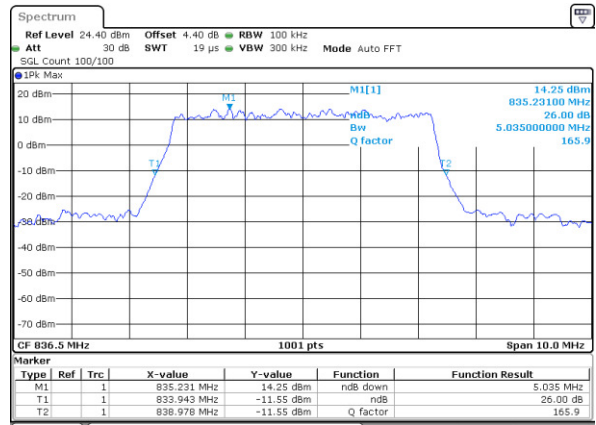
Lowest Channel / 5MHz / 16QAM



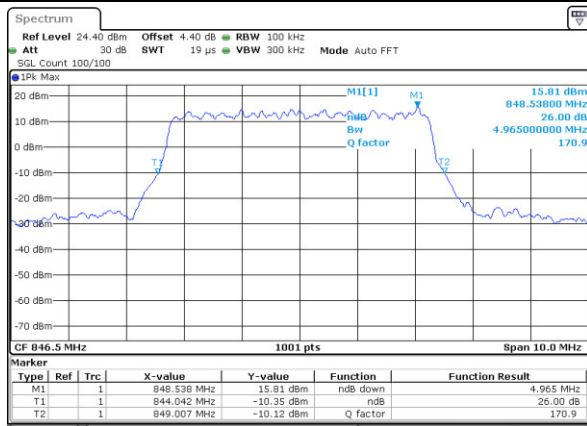
Middle Channel / 5MHz / QPSK



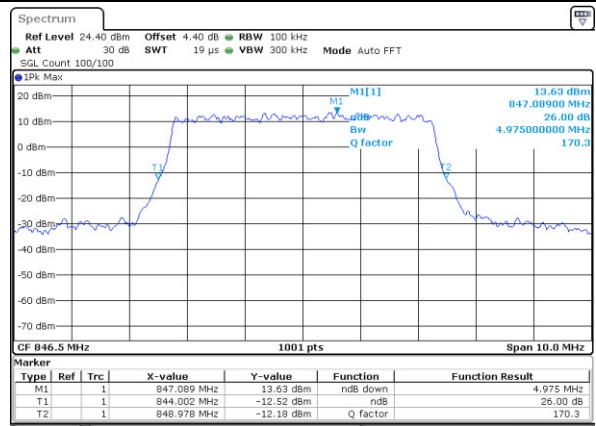
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



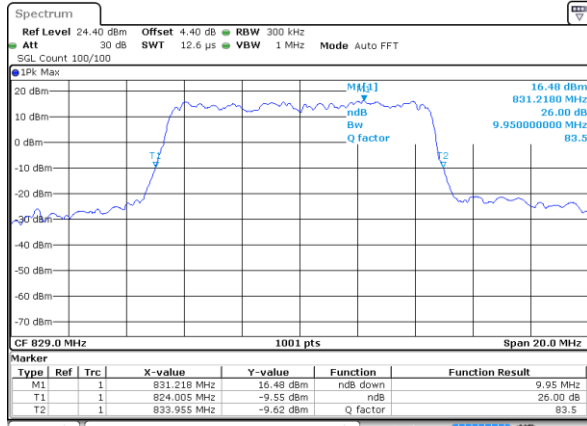
Highest Channel / 5MHz / 16QAM



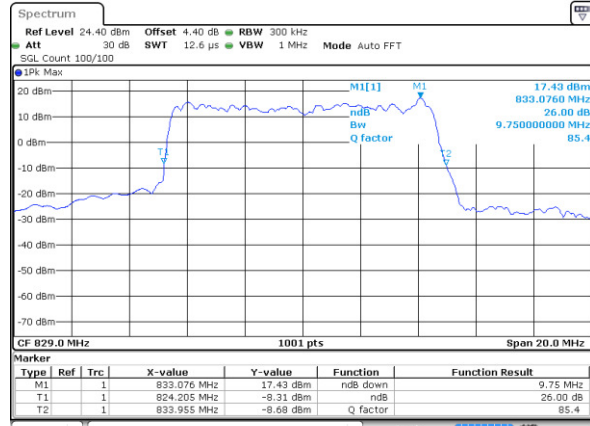


LTE Band 5

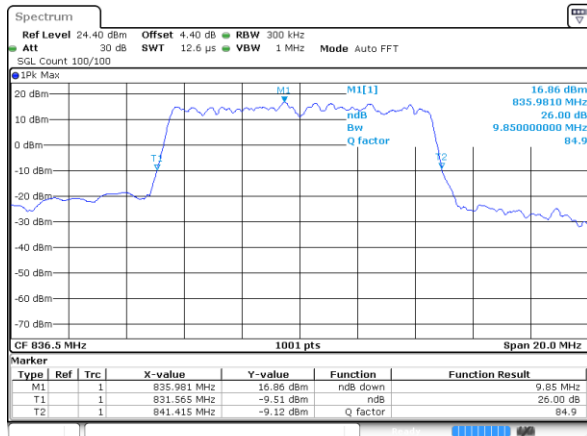
Lowest Channel / 10MHz / QPSK



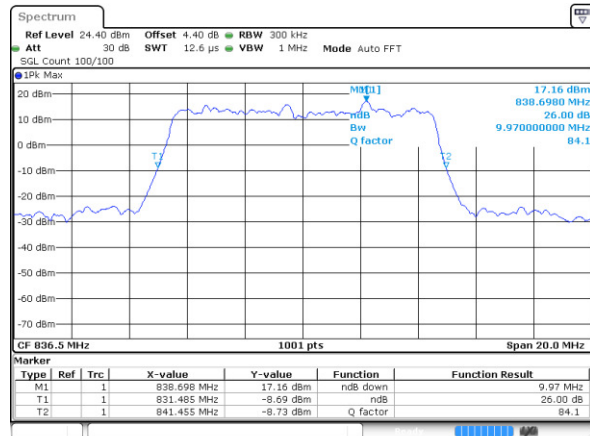
Lowest Channel / 10MHz / 16QAM



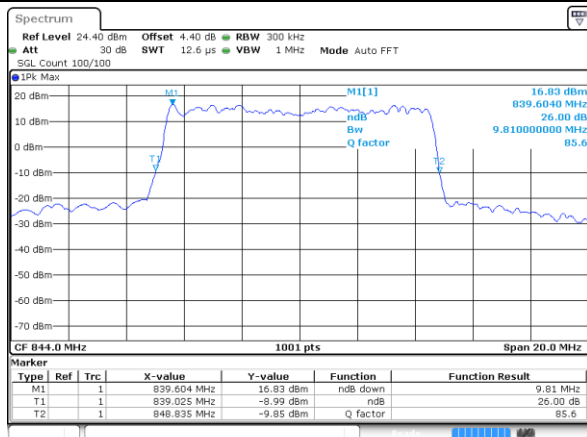
Middle Channel / 10MHz / QPSK



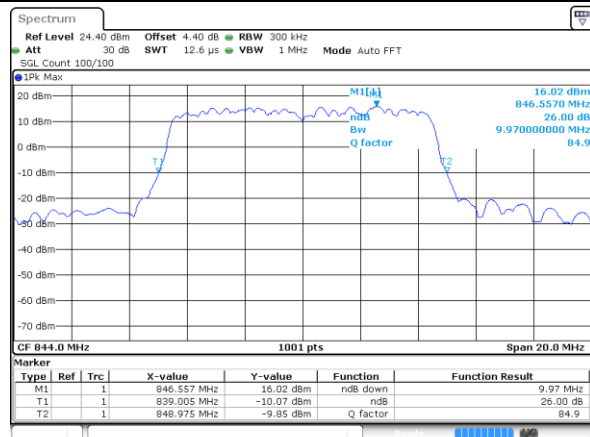
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



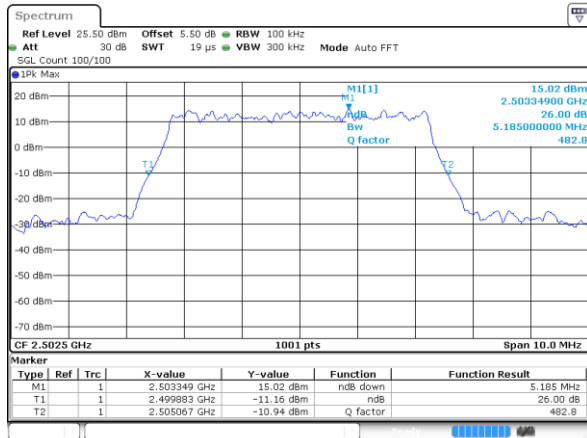
Highest Channel / 10MHz / 16QAM





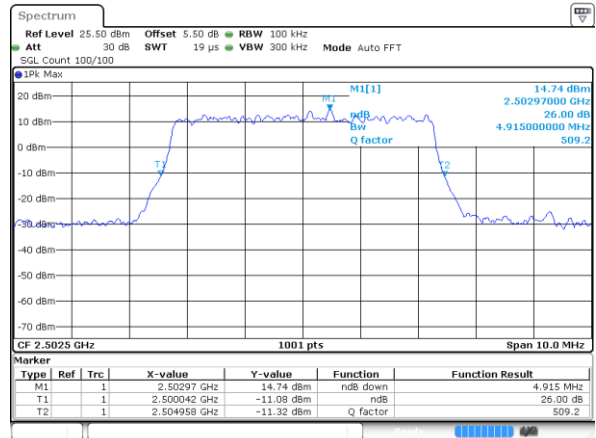
LTE Band 7

Lowest Channel / 5MHz / QPSK



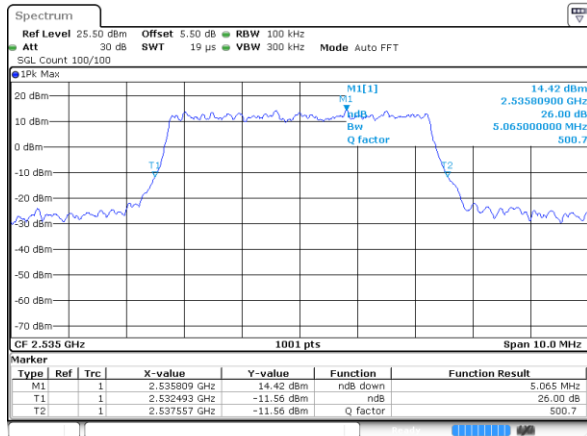
Date: 8 FEB 2018 20:57:04

Lowest Channel / 5MHz / 16QAM



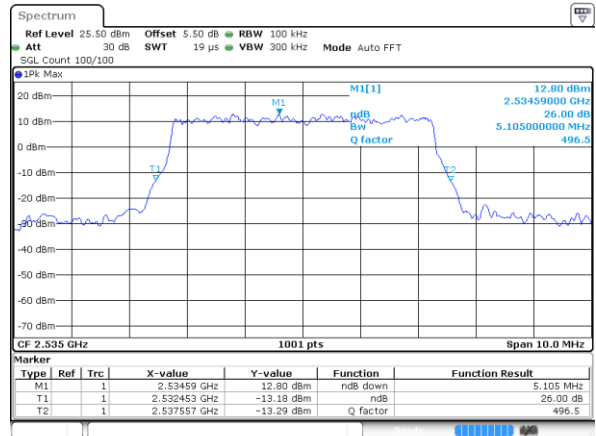
Date: 8 FEB 2018 20:57:25

Middle Channel / 5MHz / QPSK



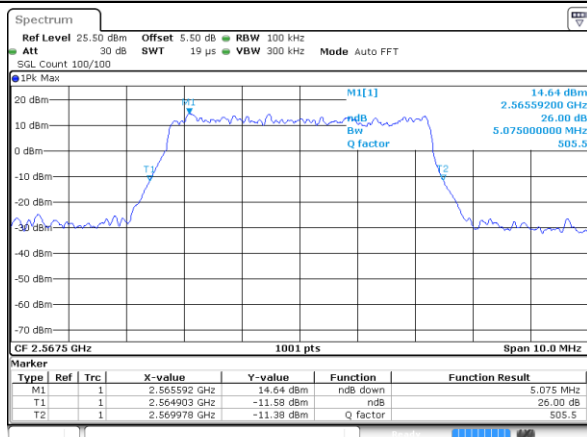
Date: 8 FEB 2018 21:06:12

Middle Channel / 5MHz / 16QAM



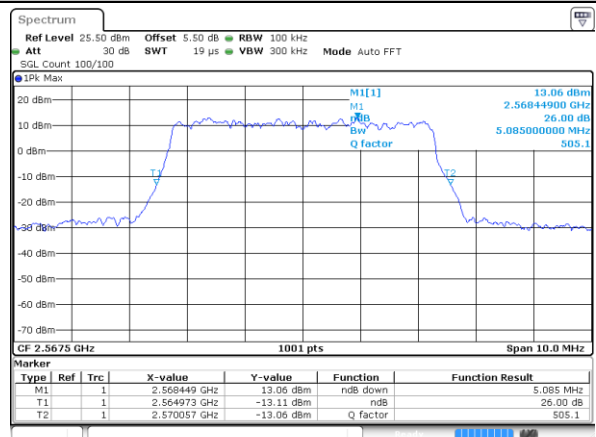
Date: 8 FEB 2018 21:05:52

Highest Channel / 5MHz / QPSK



Date: 8 FEB 2018 21:06:32

Highest Channel / 5MHz / 16QAM

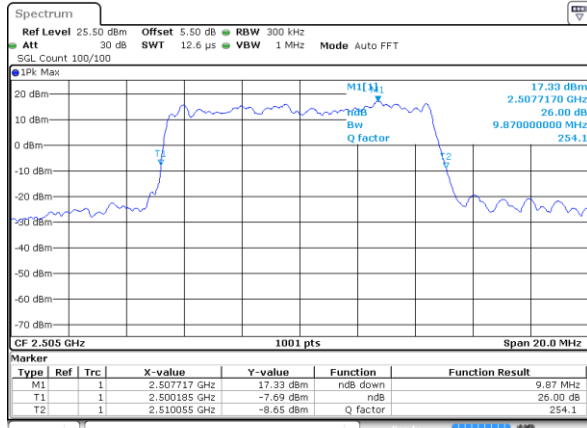


Date: 8 FEB 2018 21:06:52



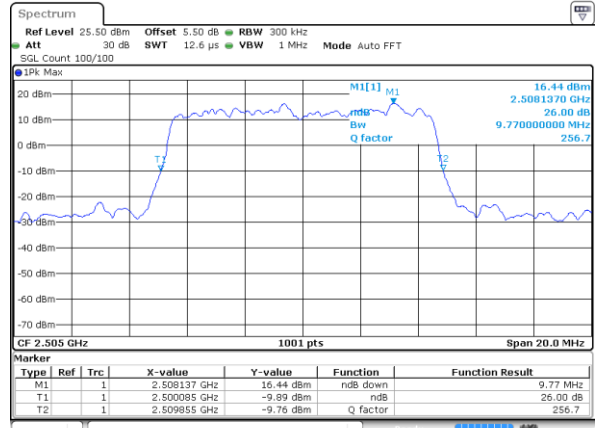
LTE Band 7

Lowest Channel / 10MHz / QPSK



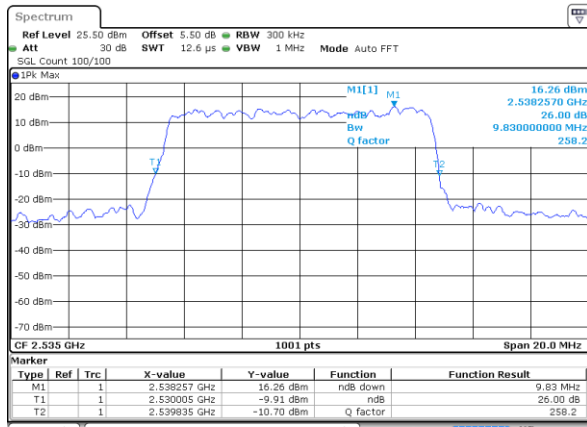
Date: 8 FEB 2018 21:13:32

Lowest Channel / 10MHz / 16QAM



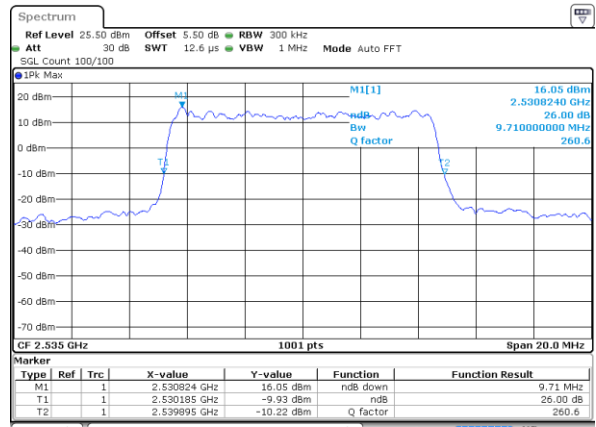
Date: 8 FEB 2018 21:13:52

Middle Channel / 10MHz / QPSK



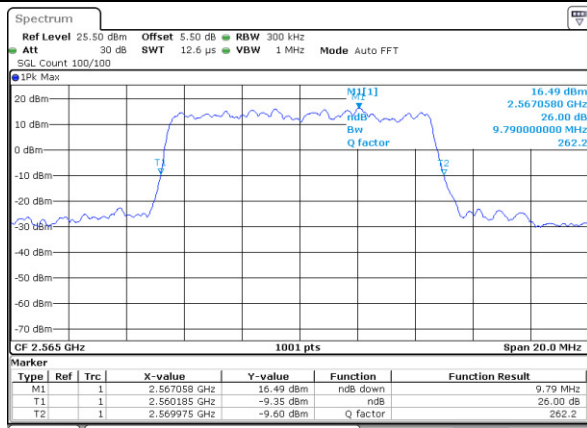
Date: 8 FEB 2018 21:22:40

Middle Channel / 10MHz / 16QAM



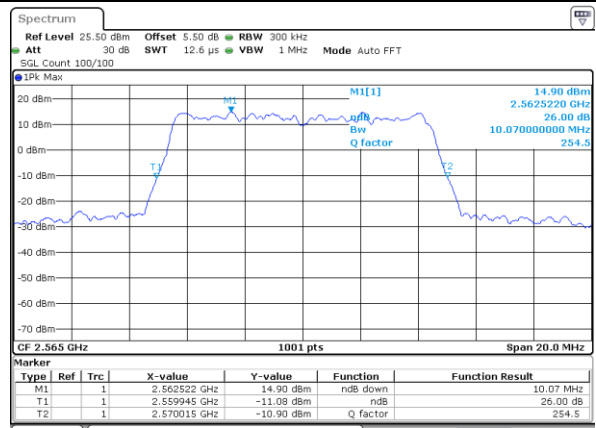
Date: 8 FEB 2018 21:22:20

Highest Channel / 10MHz / QPSK



Date: 8 FEB 2018 21:23:00

Highest Channel / 10MHz / 16QAM

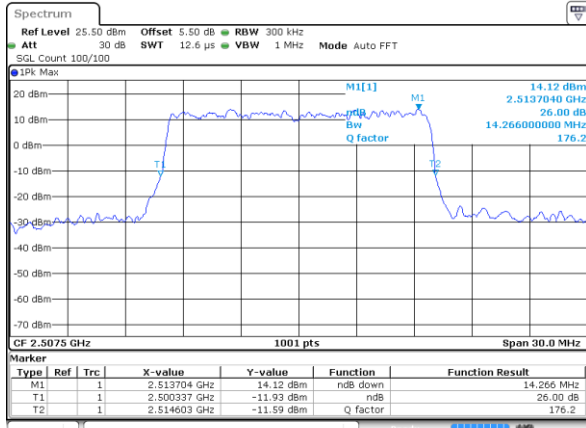


Date: 8 FEB 2018 21:23:20



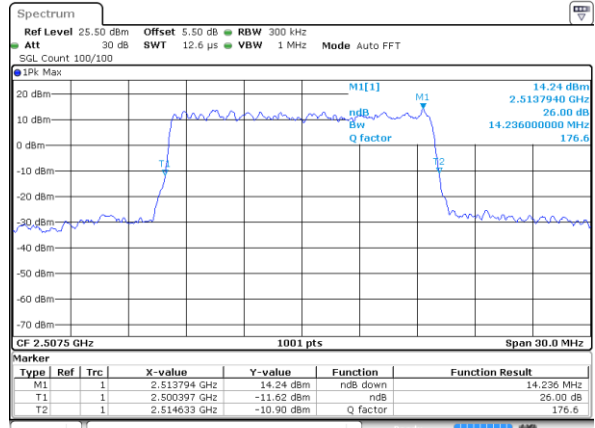
LTE Band 7

Lowest Channel / 15MHz / QPSK



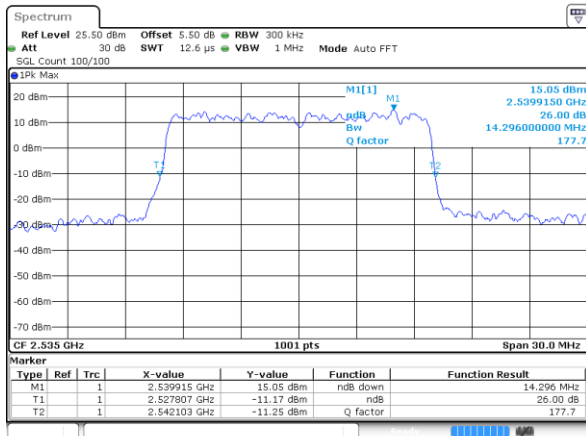
Date: 8 FEB 2018 21:30:00

Lowest Channel / 15MHz / 16QAM



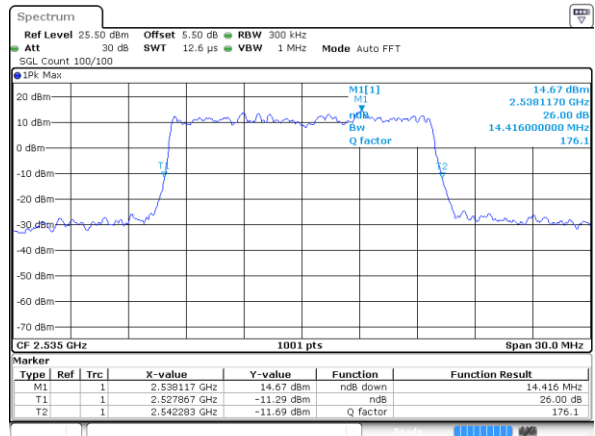
Date: 8 FEB 2018 21:30:20

Middle Channel / 15MHz / QPSK



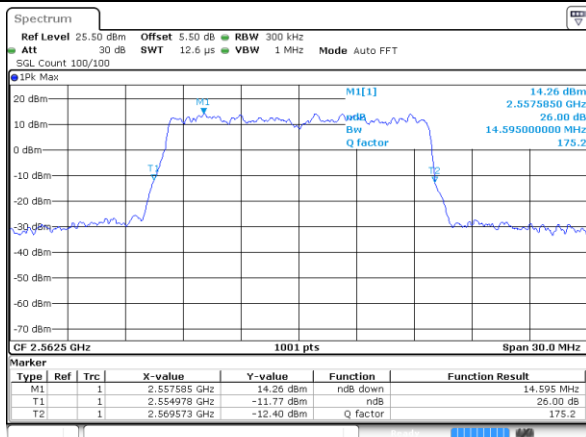
Date: 8 FEB 2018 21:39:07

Middle Channel / 15MHz / 16QAM



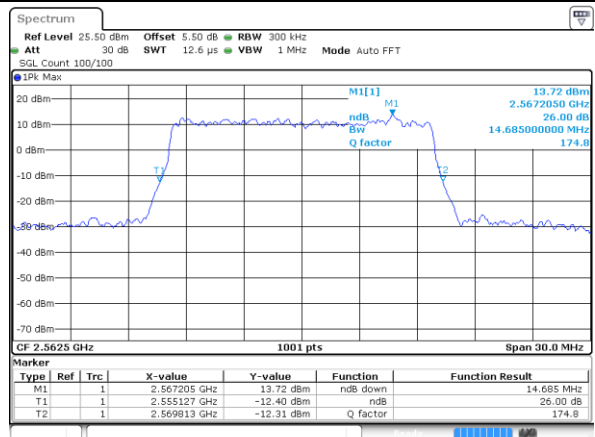
Date: 8 FEB 2018 21:38:47

Highest Channel / 15MHz / QPSK



Date: 8 FEB 2018 21:39:27

Highest Channel / 15MHz / 16QAM

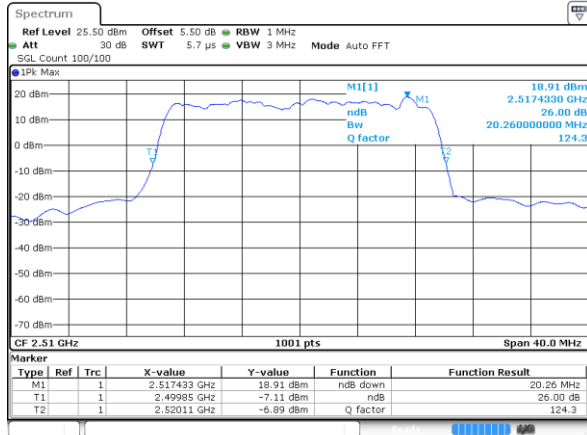


Date: 8 FEB 2018 21:39:47

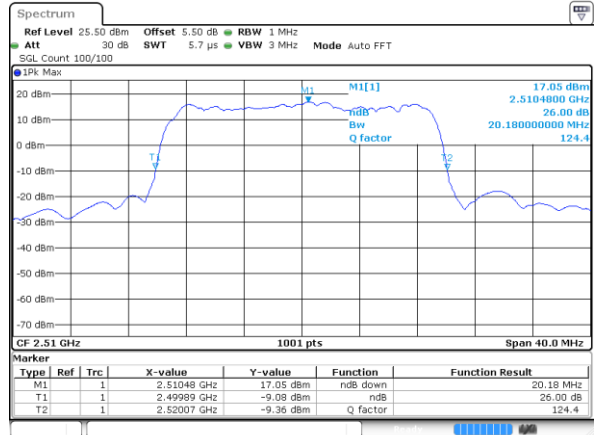


LTE Band 7

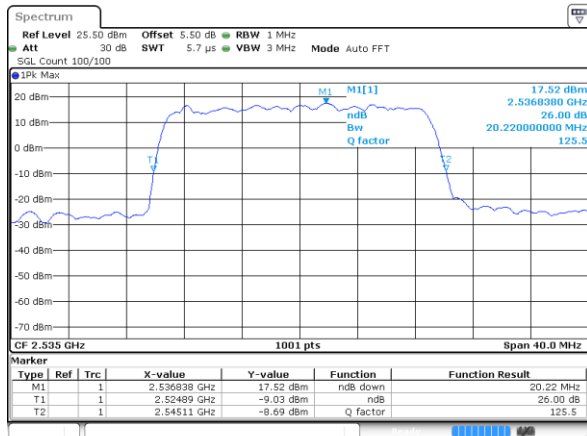
Lowest Channel / 20MHz / QPSK



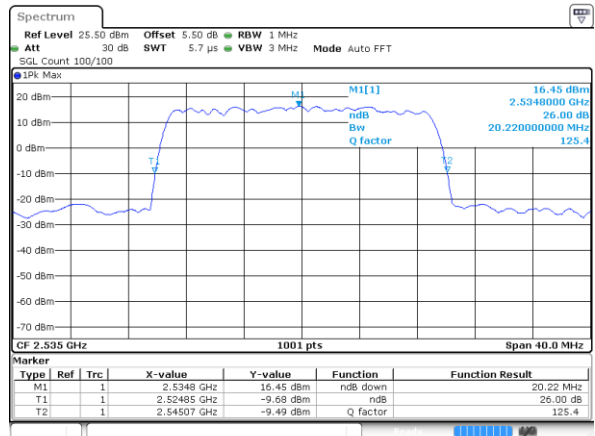
Lowest Channel / 20MHz / 16QAM



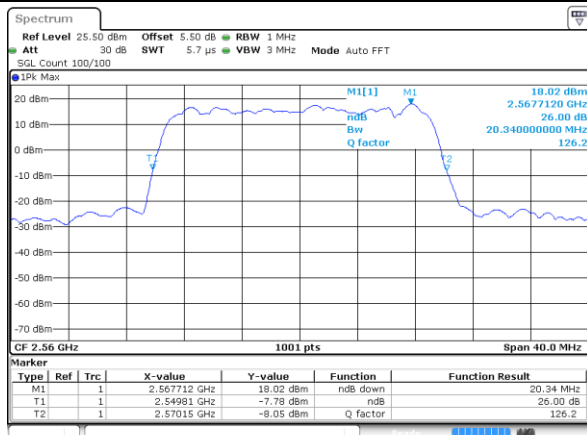
Middle Channel / 20MHz / QPSK



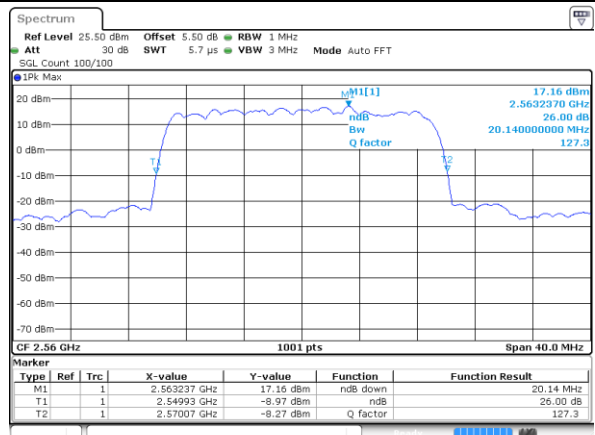
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



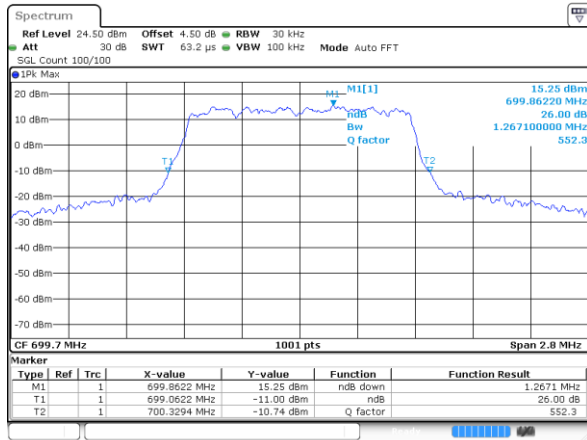
Highest Channel / 20MHz / 16QAM





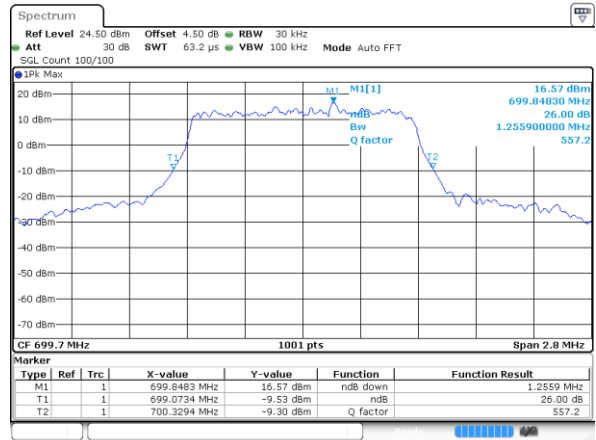
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



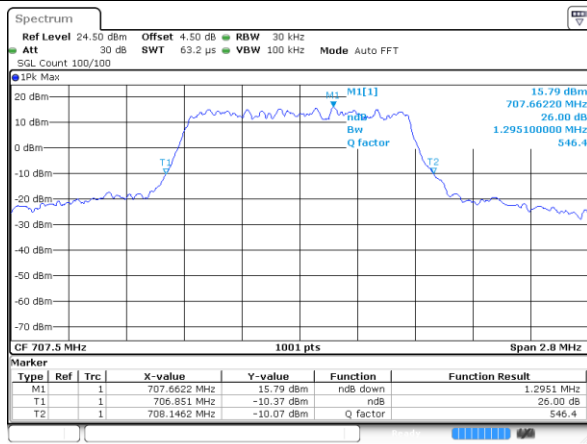
Date: 30 JAN 2018 22:23:13

Lowest Channel / 1.4MHz / 16QAM



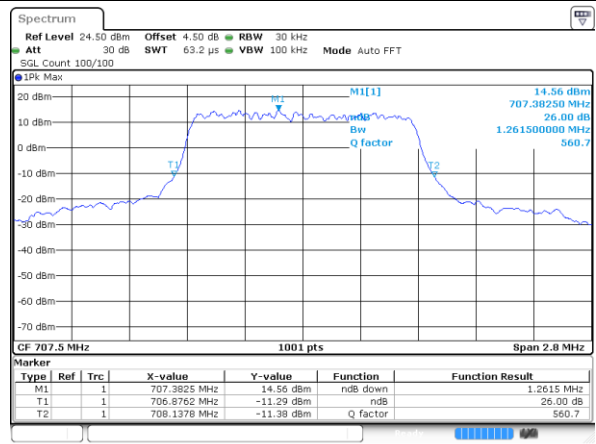
Date: 30 JAN 2018 22:23:02

Middle Channel / 1.4MHz / QPSK



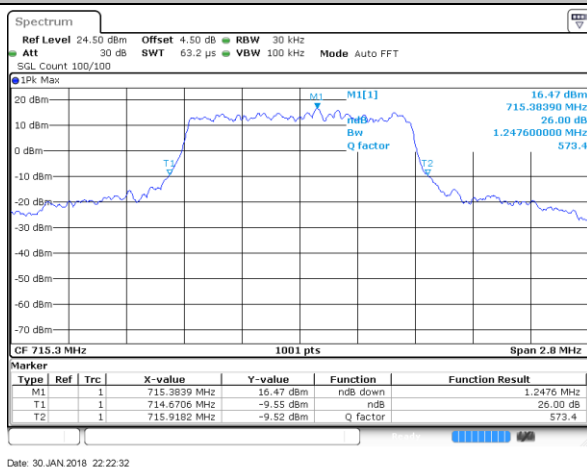
Date: 30 JAN 2018 22:22:42

Middle Channel / 1.4MHz / 16QAM



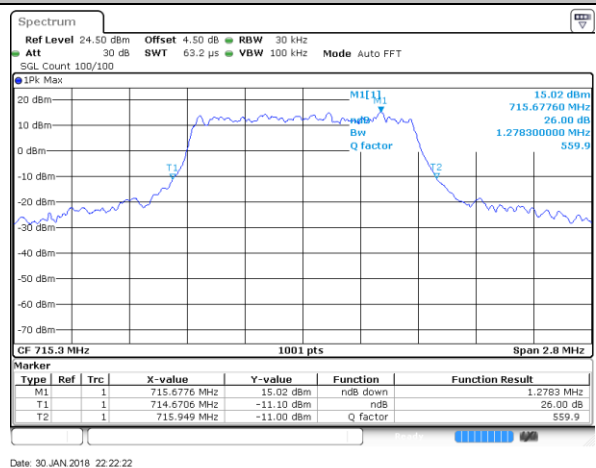
Date: 30 JAN 2018 22:22:52

Highest Channel / 1.4MHz / QPSK



Date: 30 JAN 2018 22:22:32

Highest Channel / 1.4MHz / 16QAM

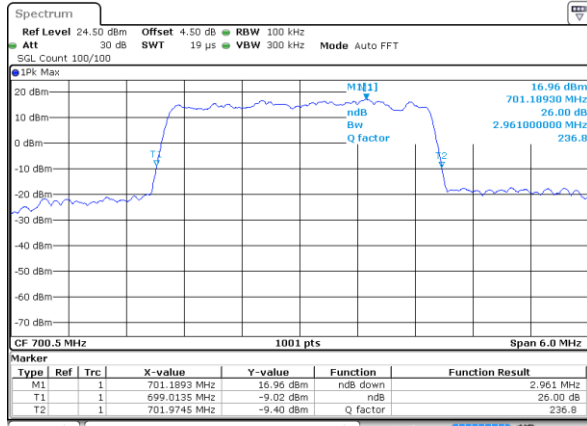


Date: 30 JAN 2018 22:22:22

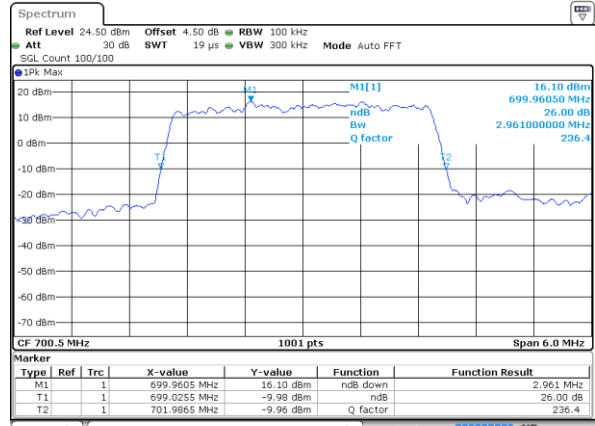


LTE Band 12

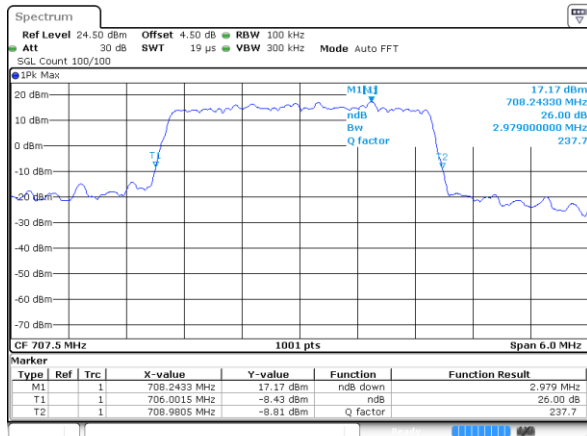
Lowest Channel / 3MHz / QPSK



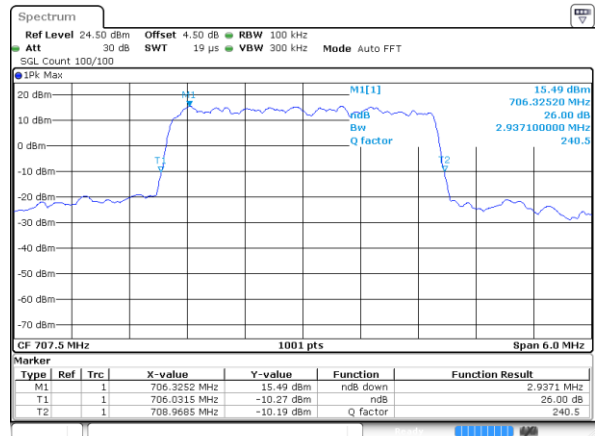
Lowest Channel / 3MHz / 16QAM



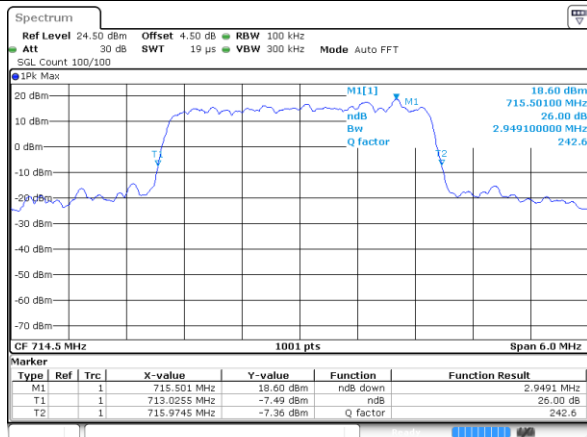
Middle Channel / 3MHz / QPSK



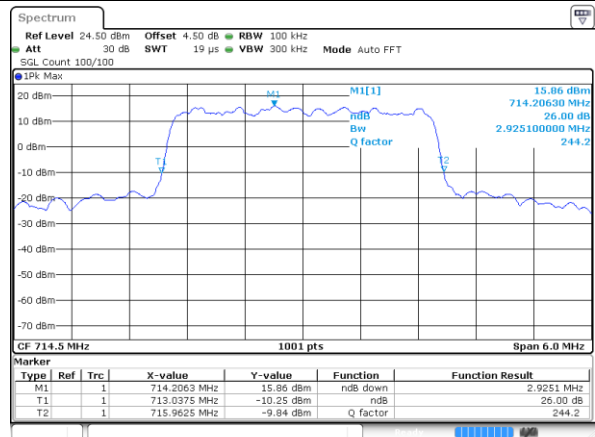
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



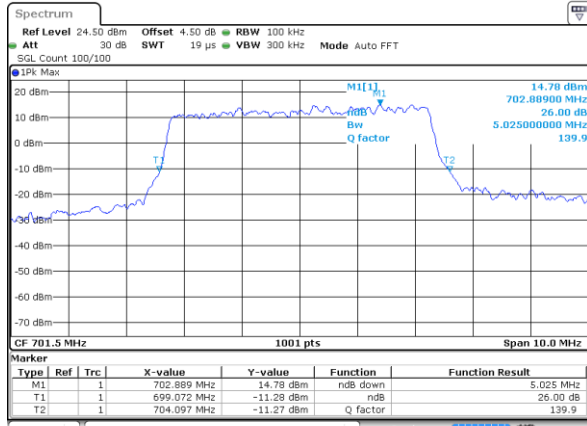
Highest Channel / 3MHz / 16QAM



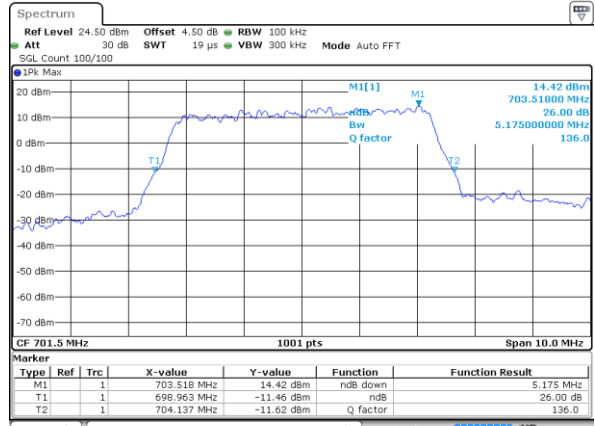


LTE Band 12

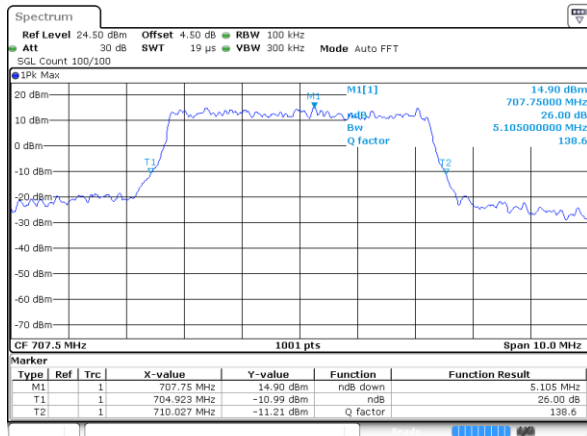
Lowest Channel / 5MHz / QPSK



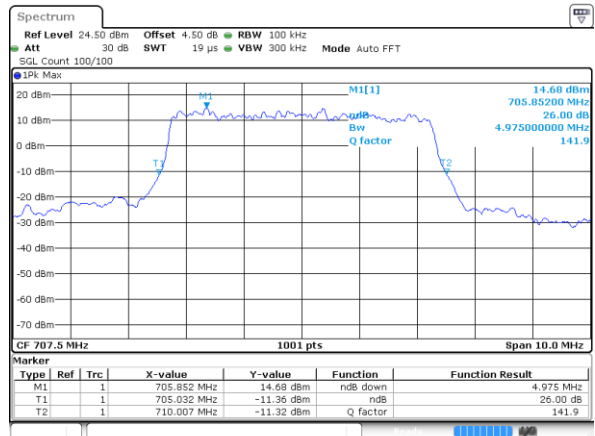
Lowest Channel / 5MHz / 16QAM



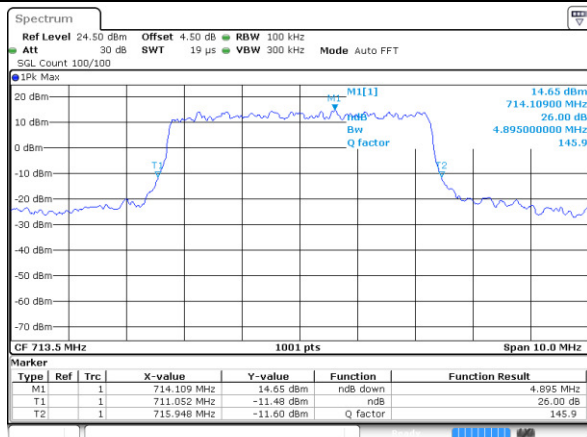
Middle Channel / 5MHz / QPSK



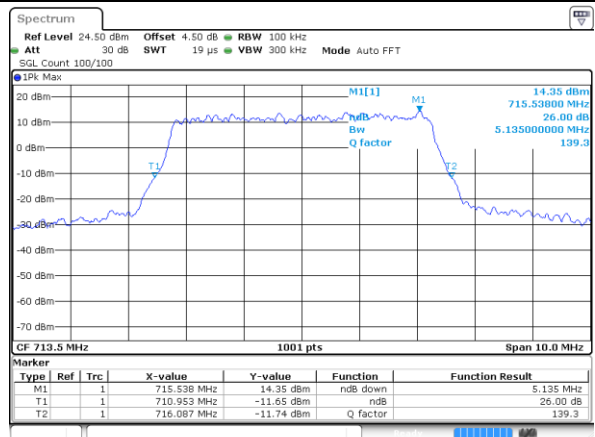
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



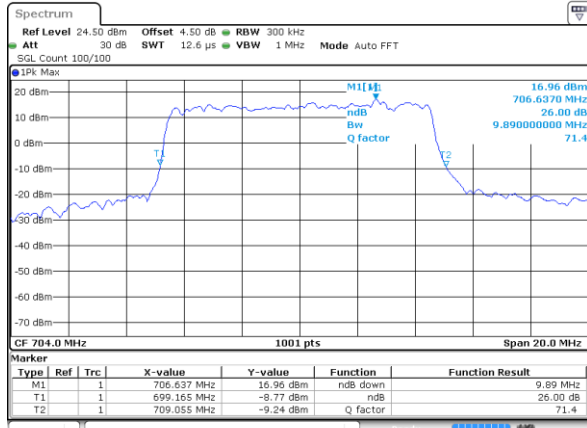
Highest Channel / 5MHz / 16QAM



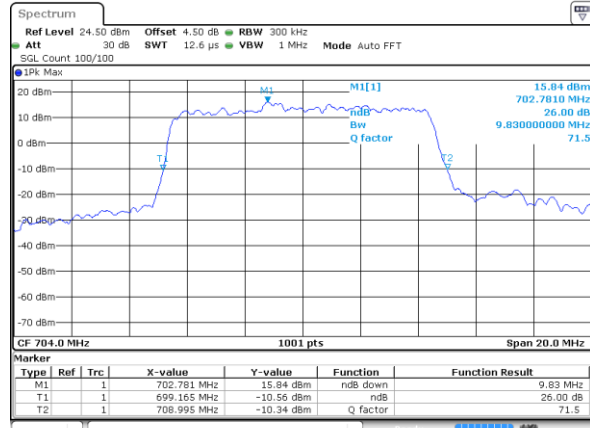


LTE Band 12

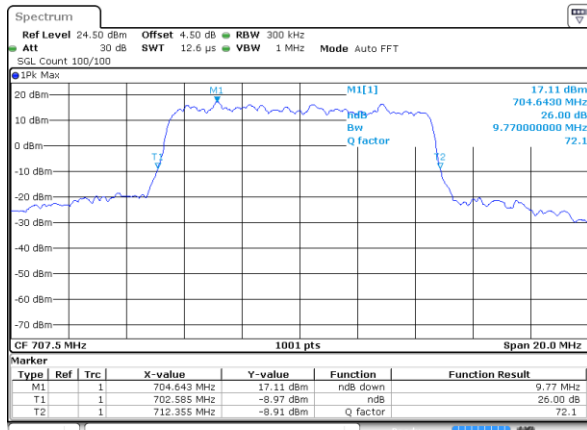
Lowest Channel / 10MHz / QPSK



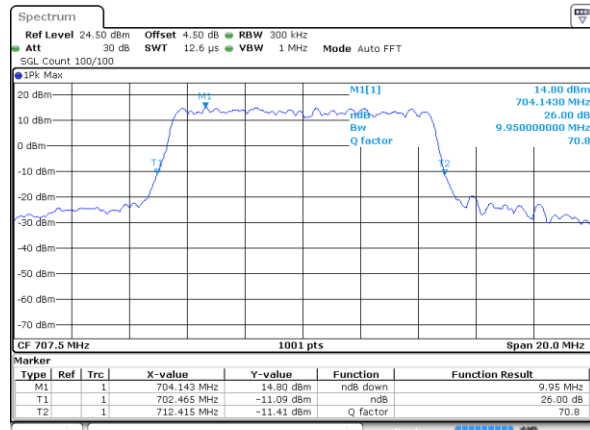
Lowest Channel / 10MHz / 16QAM



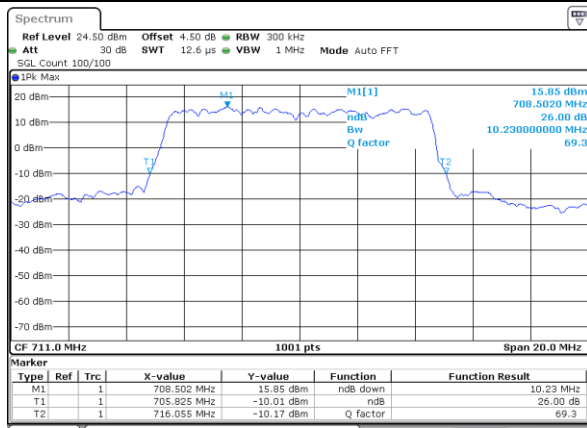
Middle Channel / 10MHz / QPSK



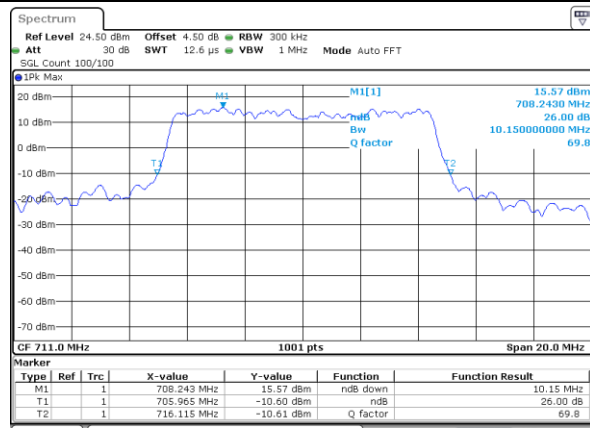
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



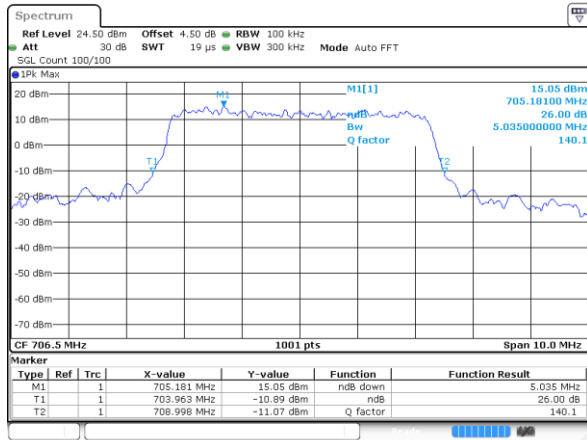
Highest Channel / 10MHz / 16QAM



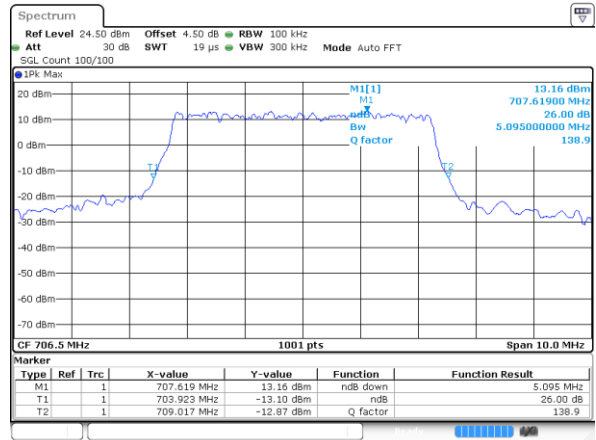


LTE Band 17

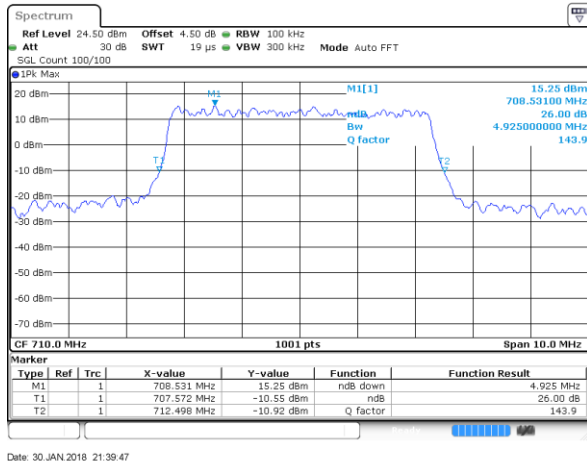
Lowest Channel / 5MHz / QPSK



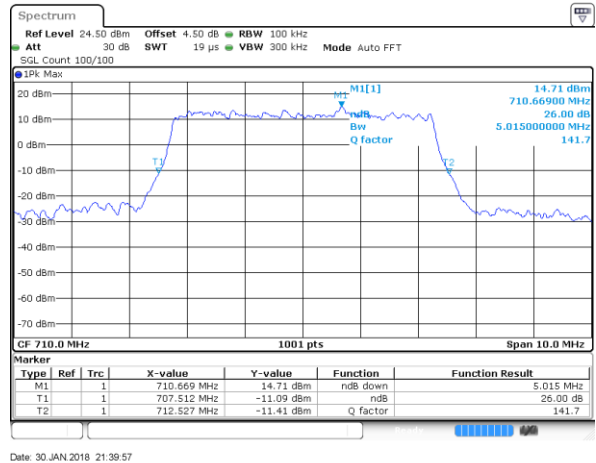
Lowest Channel / 5MHz / 16QAM



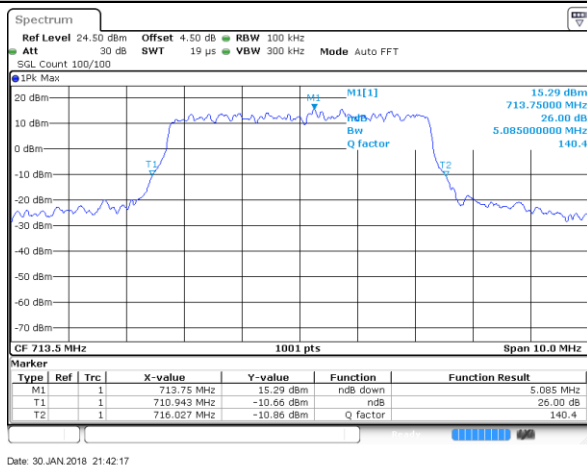
Middle Channel / 5MHz / QPSK



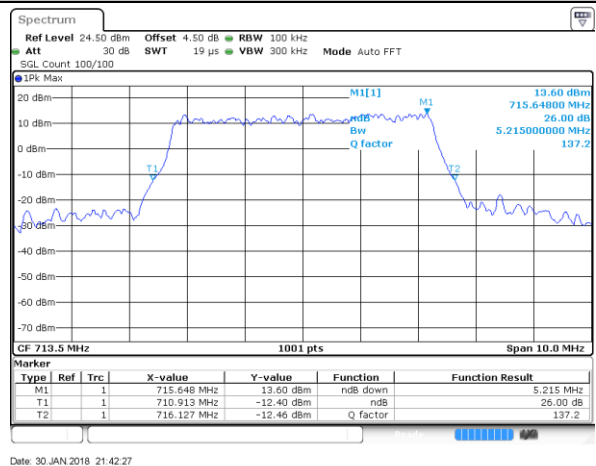
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



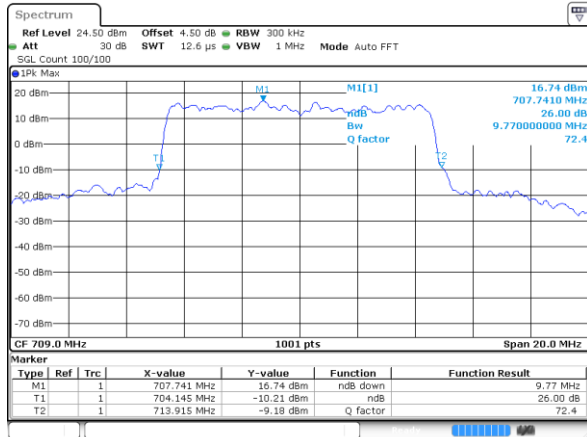
Highest Channel / 5MHz / 16QAM



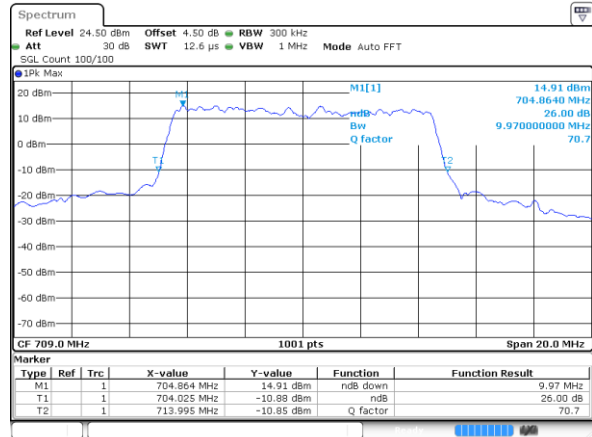


LTE Band 17

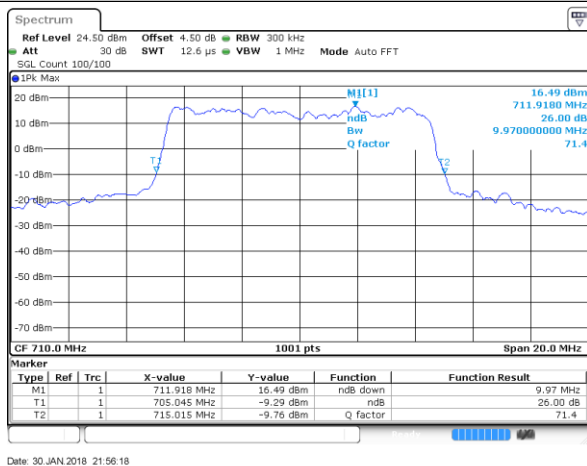
Lowest Channel / 10MHz / QPSK



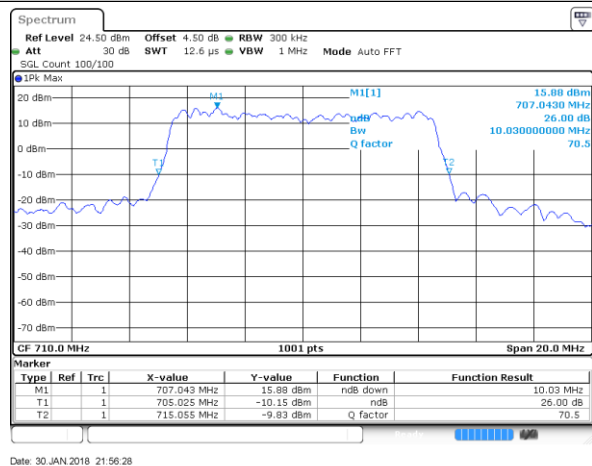
Lowest Channel / 10MHz / 16QAM



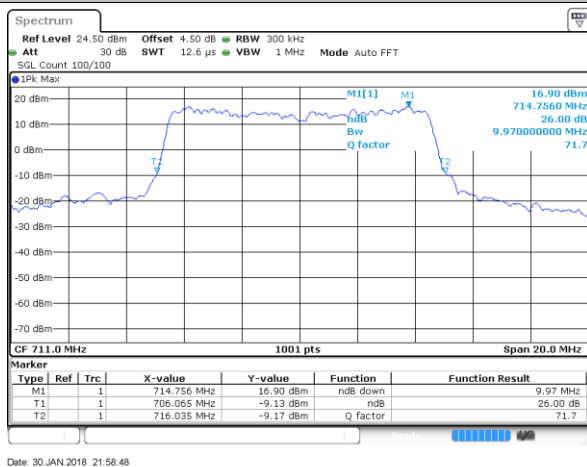
Middle Channel / 10MHz / QPSK



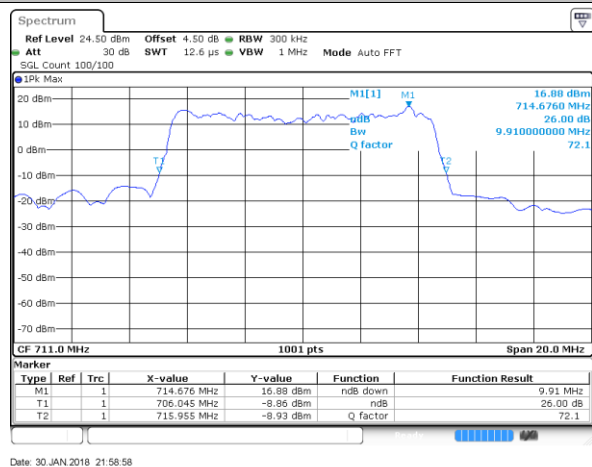
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



**Occupied Bandwidth**

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.70	2.70	4.51	4.52	9.05	9.07	13.43	13.46	18.38	18.30
Middle CH	1.09	1.08	2.70	2.70	4.51	4.51	9.09	9.09	13.46	13.52	18.46	18.42
Highest CH	1.09	1.09	2.70	2.71	4.50	4.50	9.05	9.03	13.49	13.43	18.50	18.30

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.71	2.71	4.50	4.51	9.09	8.99	13.58	13.46	18.54	18.42
Middle CH	1.09	1.08	2.71	2.73	4.48	4.48	9.07	9.05	13.40	13.49	18.30	18.38
Highest CH	1.09	1.10	2.71	2.69	4.51	4.50	9.05	9.05	13.49	13.49	18.30	18.38

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.71	4.50	4.51	9.05	9.03	-	-	-	-
Middle CH	1.09	1.09	2.72	2.70	4.50	4.51	9.11	9.09	-	-	-	-
Highest CH	1.08	1.10	2.73	2.72	4.49	4.49	9.07	8.99	-	-	-	-

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	8.99	9.01	13.46	13.52	18.26	18.34
Middle CH	-	-	-	-	4.53	4.48	9.07	9.01	13.43	13.49	18.54	18.42
Highest CH	-	-	-	-	4.5	4.5	9.05	9.01	13.43	13.43	18.34	18.42



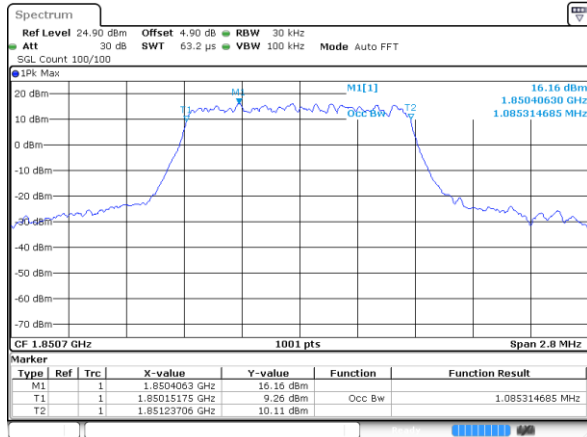
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.7	2.7	4.48	4.47	9.07	8.97	-	-	-	-
Middle CH	1.09	1.1	2.69	2.72	4.48	4.51	9.03	9.05	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.48	4.49	9.09	9.09	-	-	-	-

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	-	-	-	-	4.52	4.48	9.01	9.01	-	-	-	-
Middle CH	-	-	-	-	4.52	4.5	9.13	9.01	-	-	-	-
Highest CH	-	-	-	-	4.51	4.48	9.13	9.03	-	-	-	-

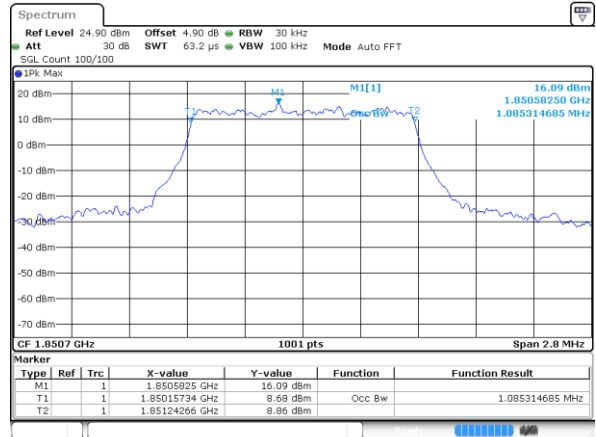


LTE Band 2

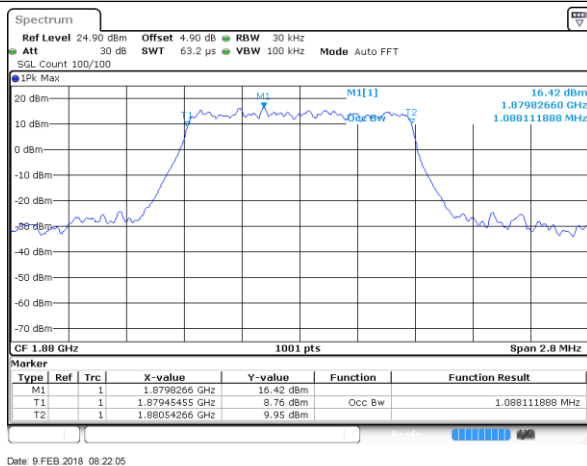
Lowest Channel / 1.4MHz / QPSK



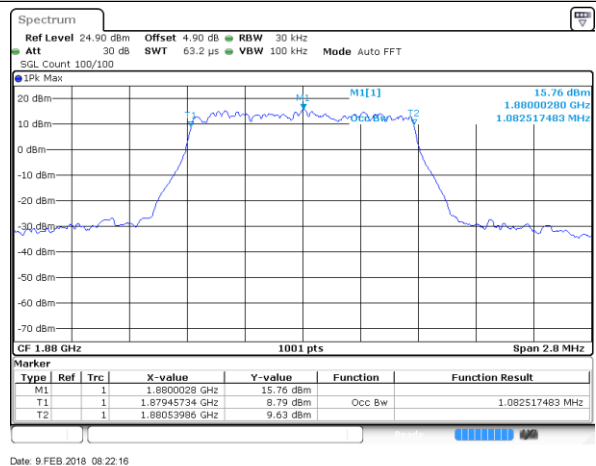
Lowest Channel / 1.4MHz / 16QAM



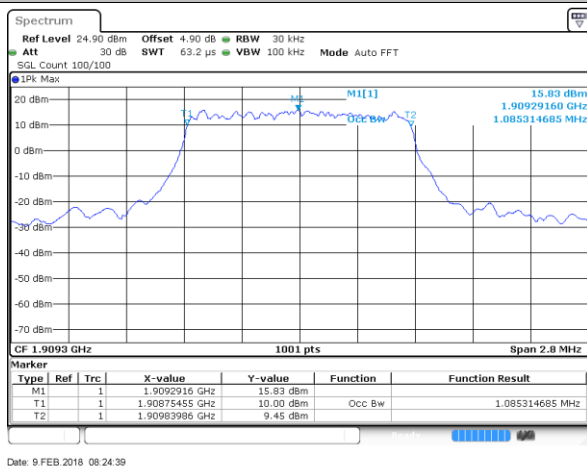
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

