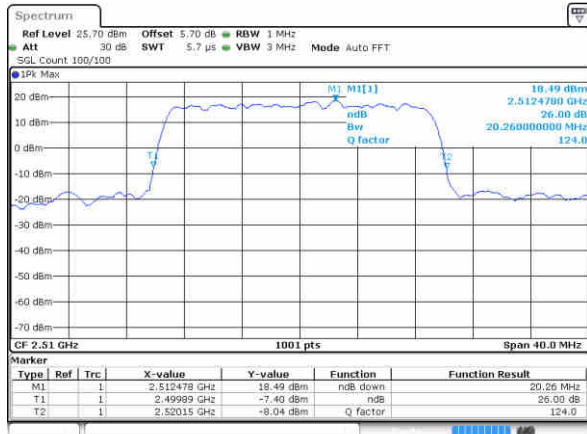


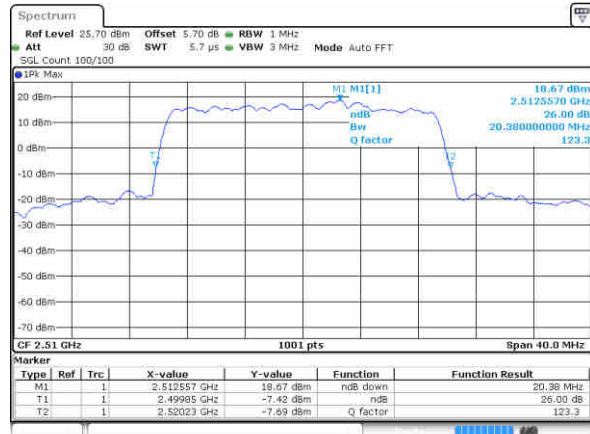


LTE Band 7

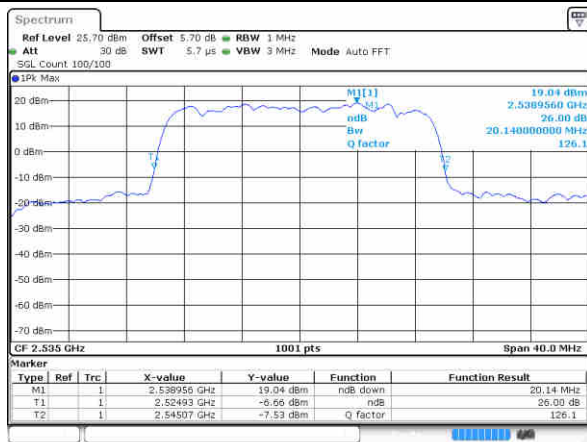
Lowest Channel / 20MHz / QPSK



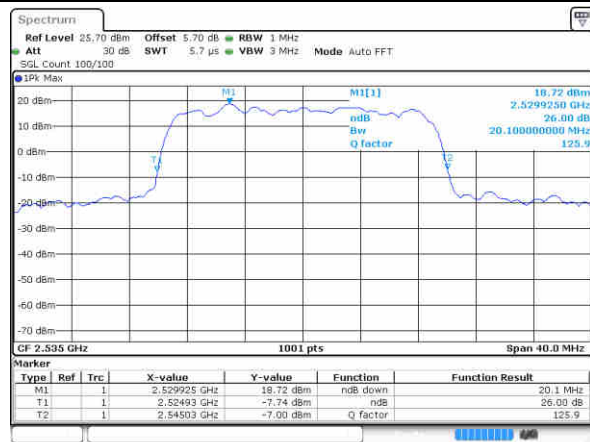
Lowest Channel / 20MHz / 16QAM



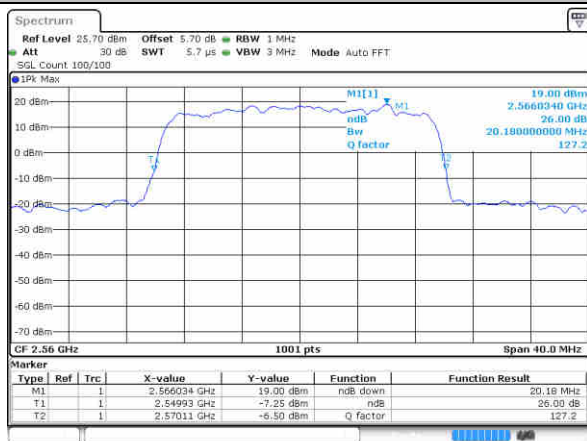
Middle Channel / 20MHz / QPSK



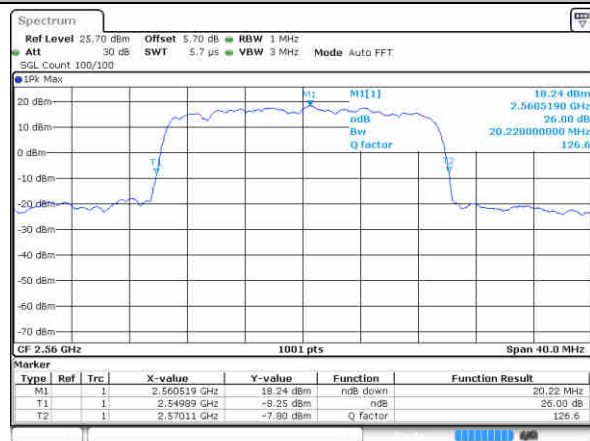
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



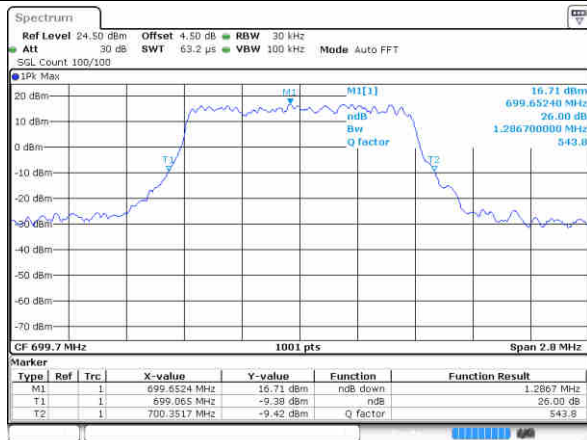
Highest Channel / 20MHz / 16QAM





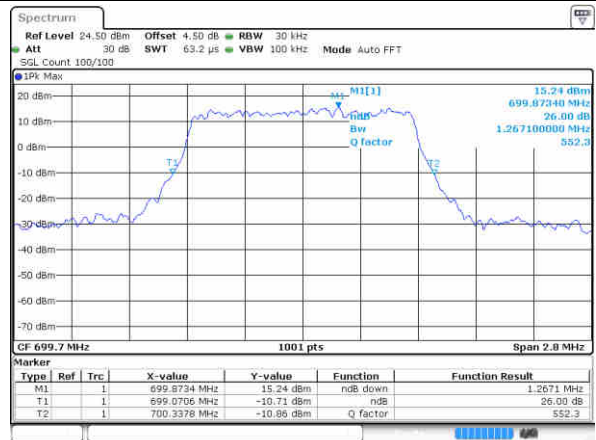
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



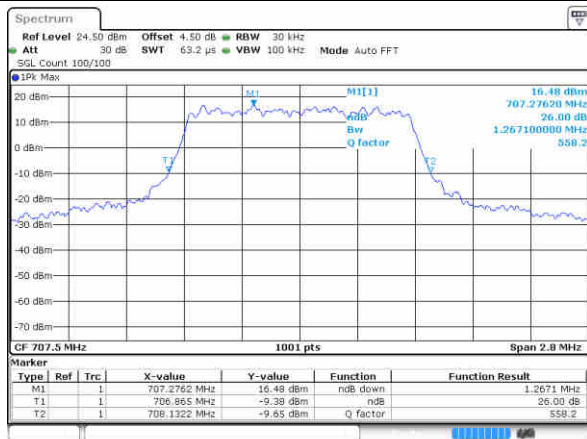
Date: 30 APR 2019 11:18:38

Lowest Channel / 1.4MHz / 16QAM



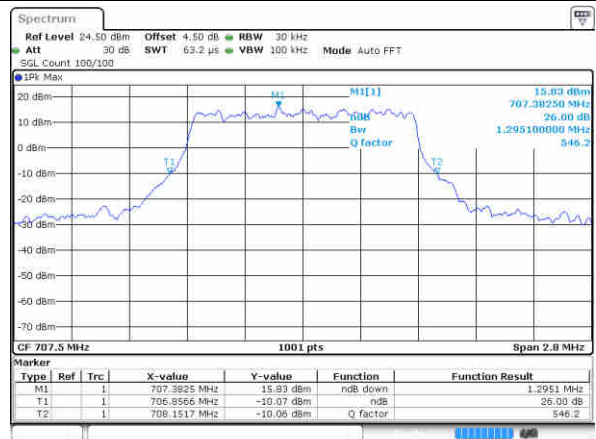
Date: 30 APR 2019 11:18:28

Middle Channel / 1.4MHz / QPSK



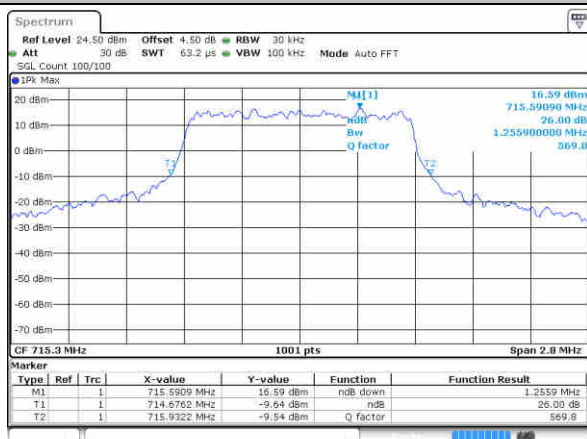
Date: 30 APR 2019 11:18:07

Middle Channel / 1.4MHz / 16QAM



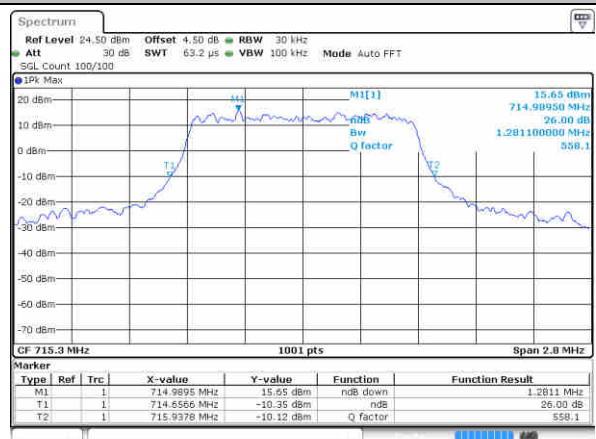
Date: 30 APR 2019 11:18:17

Highest Channel / 1.4MHz / QPSK



Date: 30 APR 2019 11:17:57

Highest Channel / 1.4MHz / 16QAM

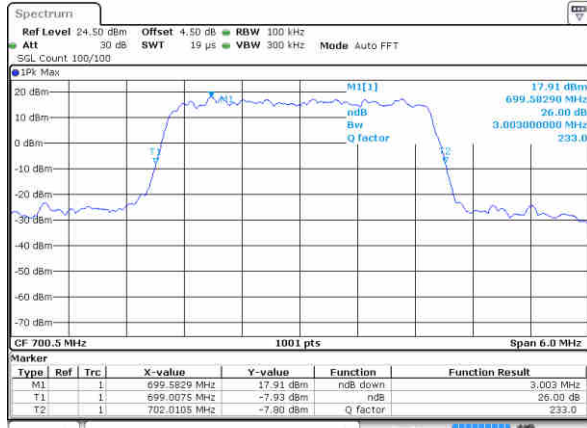


Date: 30 APR 2019 11:17:47



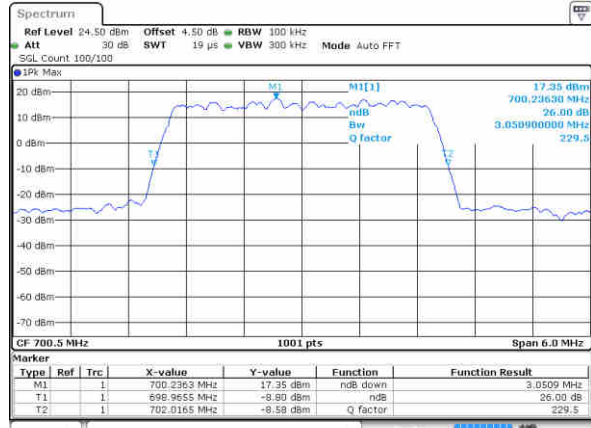
LTE Band 12

Lowest Channel / 3MHz / QPSK



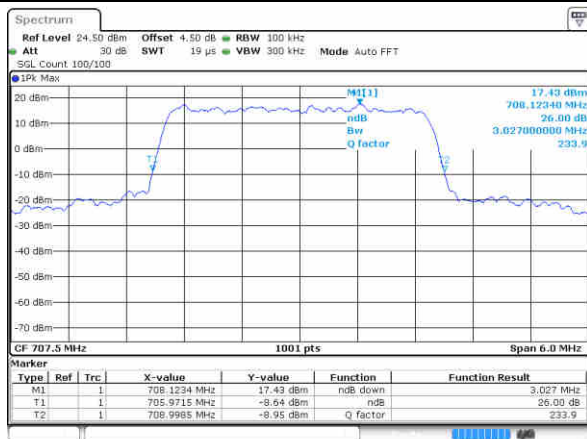
Date: 30 APR 2019 11:41:55

Lowest Channel / 3MHz / 16QAM



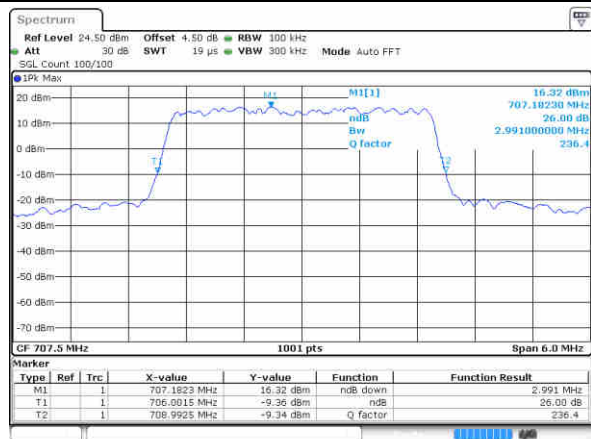
Date: 30 APR 2019 11:41:45

Middle Channel / 3MHz / QPSK



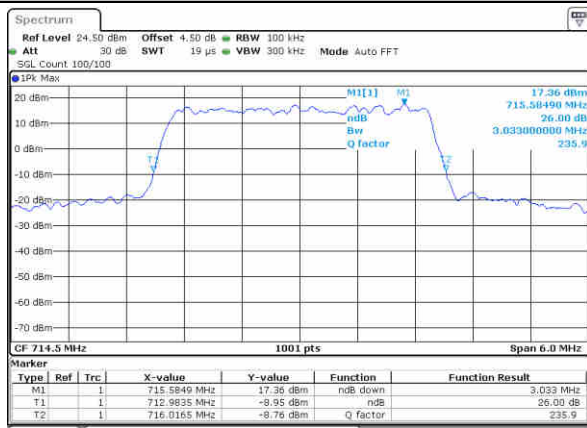
Date: 30 APR 2019 11:41:25

Middle Channel / 3MHz / 16QAM



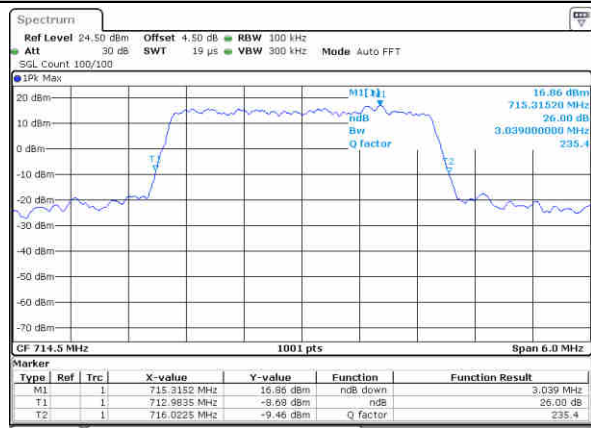
Date: 30 APR 2019 11:41:35

Highest Channel / 3MHz / QPSK



Date: 30 APR 2019 11:41:15

Highest Channel / 3MHz / 16QAM

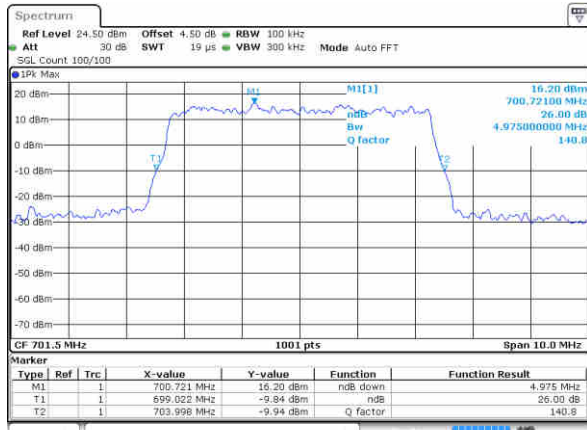


Date: 30 APR 2019 11:41:05

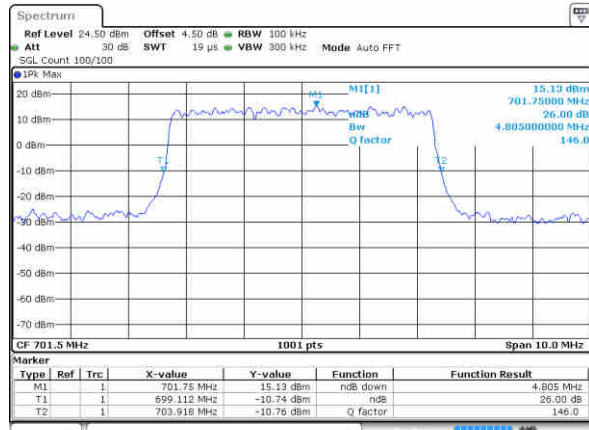


LTE Band 12

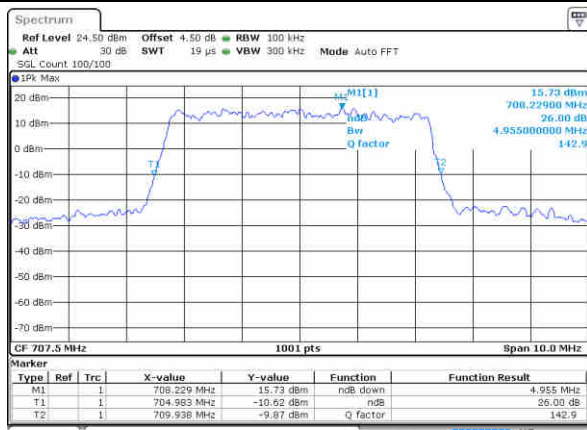
Lowest Channel / 5MHz / QPSK



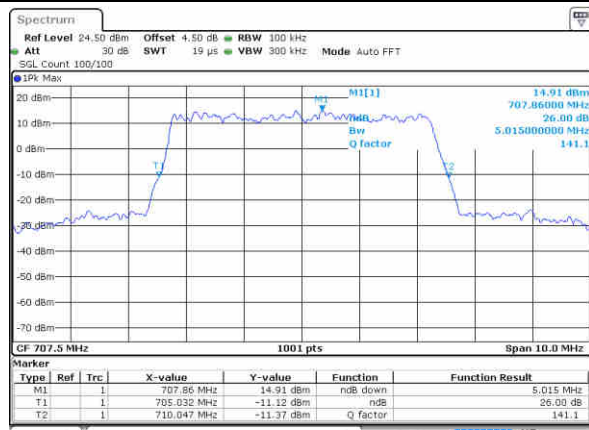
Lowest Channel / 5MHz / 16QAM



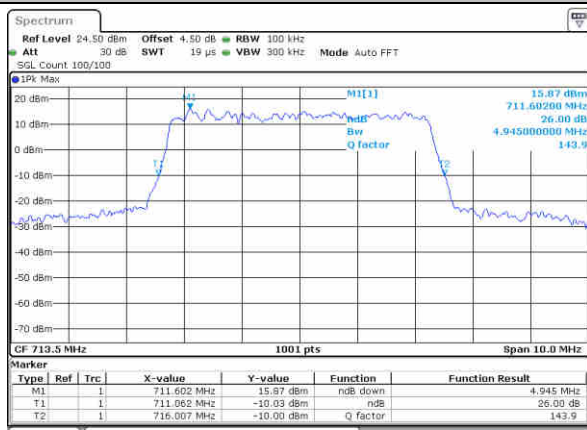
Middle Channel / 5MHz / QPSK



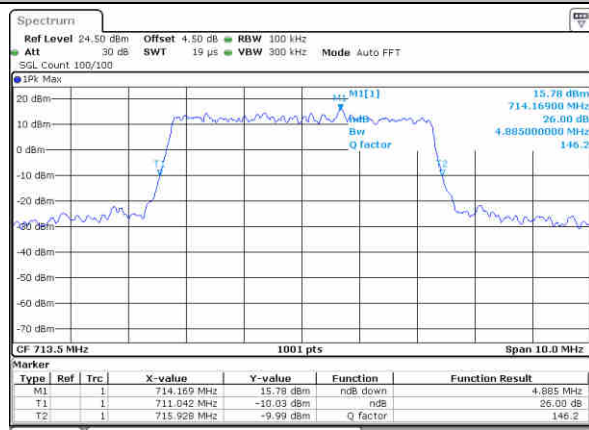
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



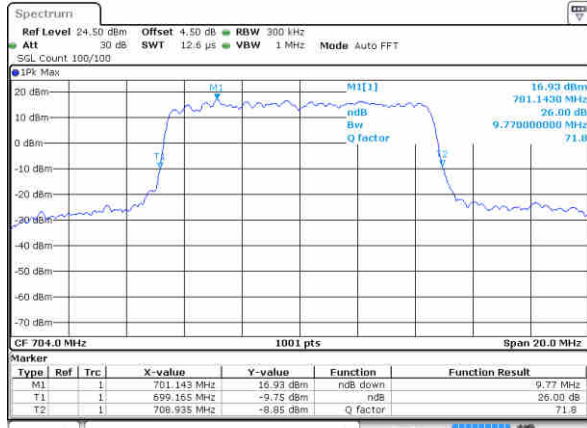
Highest Channel / 5MHz / 16QAM





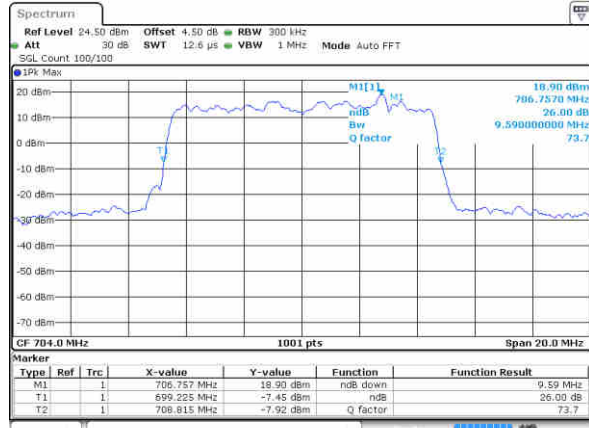
LTE Band 12

Lowest Channel / 10MHz / QPSK



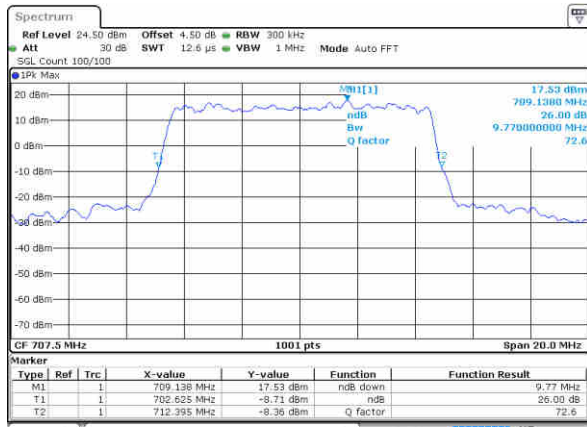
Date: 30 APR 2019 12:03:54

Lowest Channel / 10MHz / 16QAM



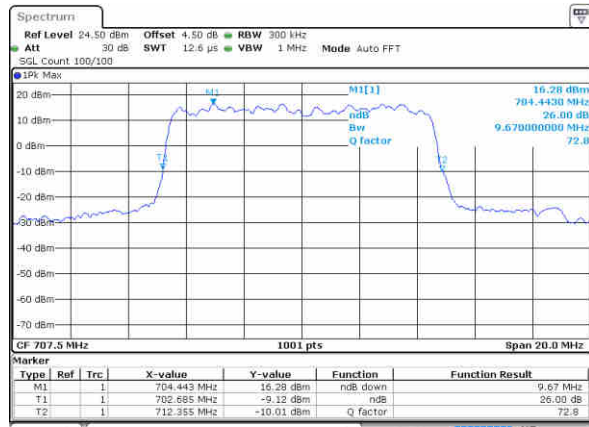
Date: 30 APR 2019 12:03:45

Middle Channel / 10MHz / QPSK



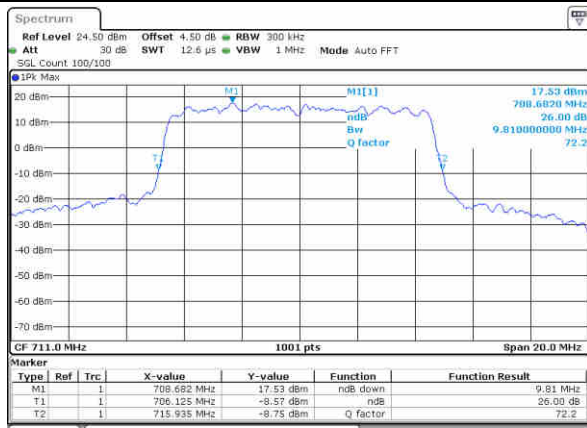
Date: 30 APR 2019 12:03:25

Middle Channel / 10MHz / 16QAM



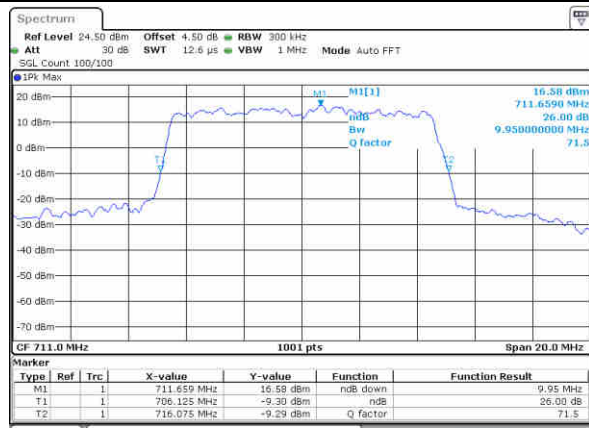
Date: 30 APR 2019 12:03:35

Highest Channel / 10MHz / QPSK



Date: 30 APR 2019 12:03:15

Highest Channel / 10MHz / 16QAM

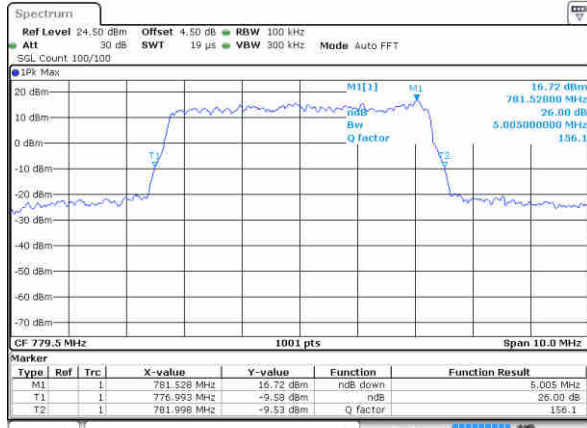


Date: 30 APR 2019 12:03:05

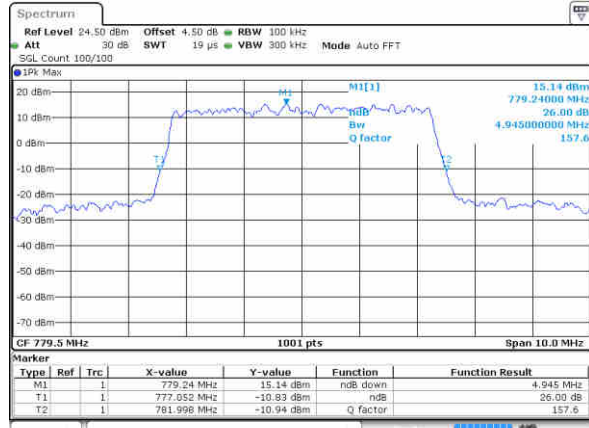


LTE Band 13

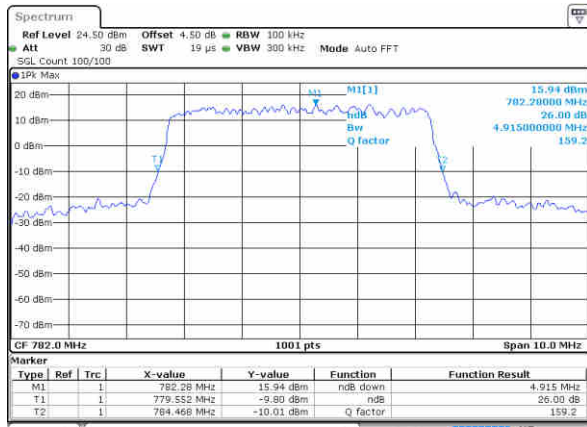
Lowest Channel / 5MHz / QPSK



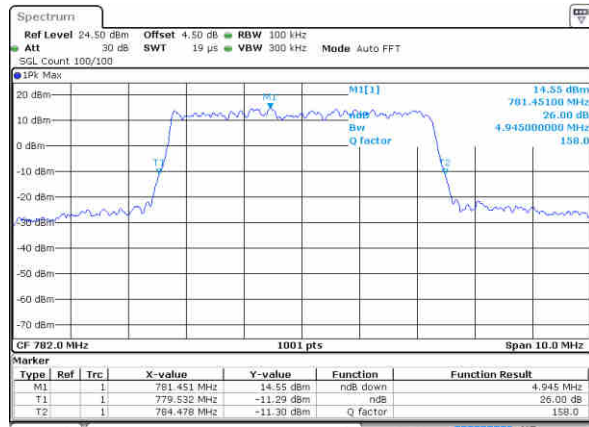
Lowest Channel / 5MHz / 16QAM



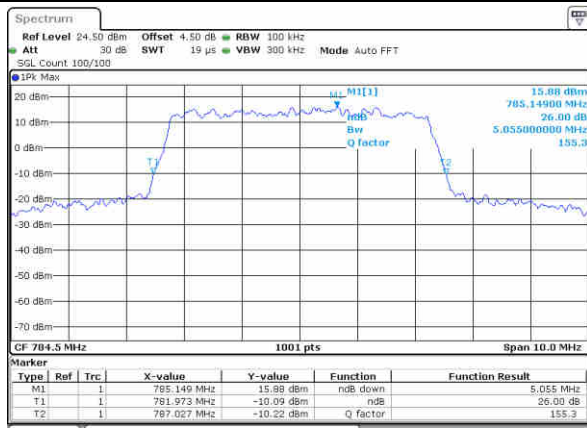
Middle Channel / 5MHz / QPSK



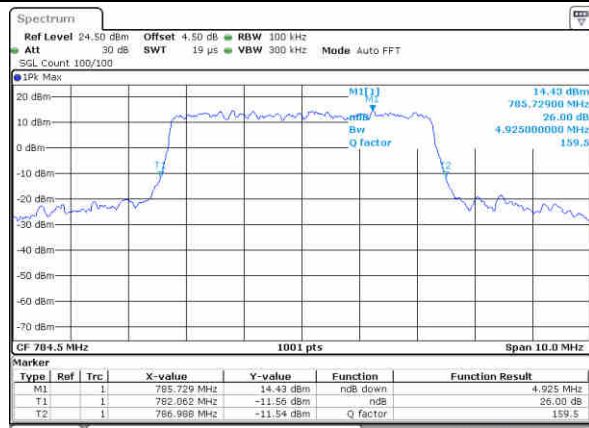
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



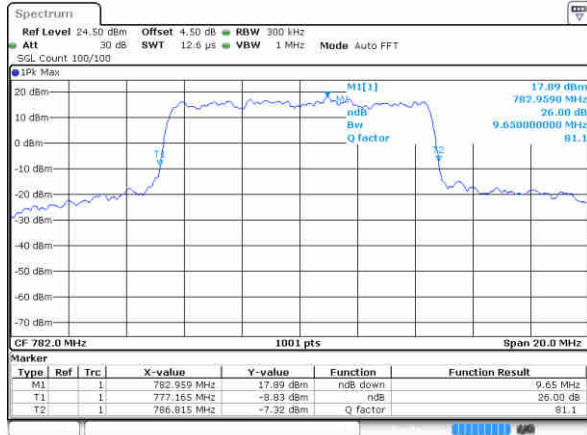
Highest Channel / 5MHz / 16QAM





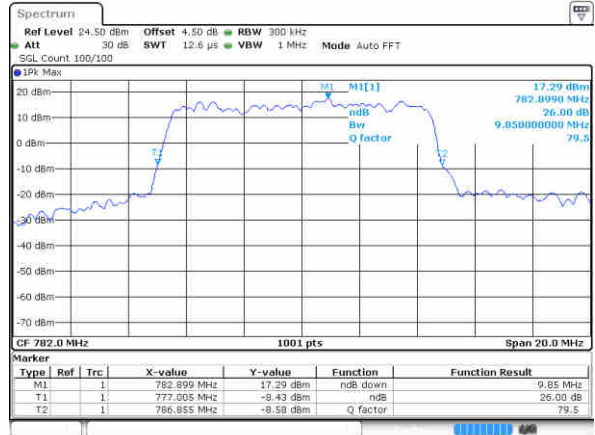
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 30 APR 2019 14:55:15

Middle Channel / 10MHz / 16QAM

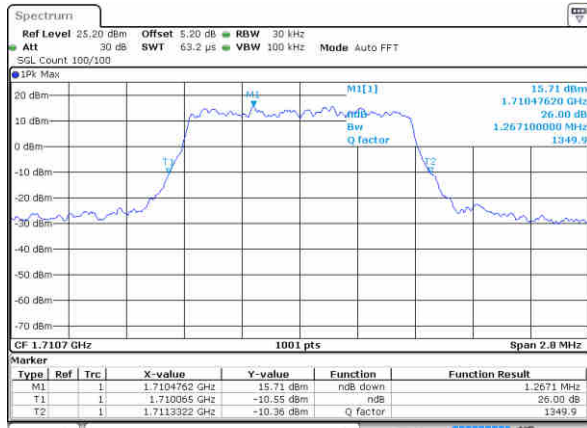


Date: 30 APR 2019 14:55:05



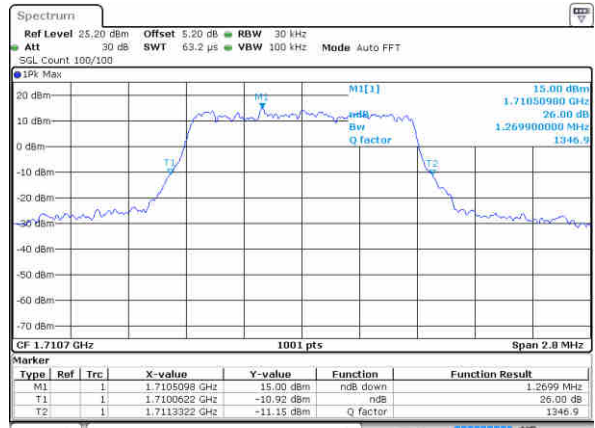
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



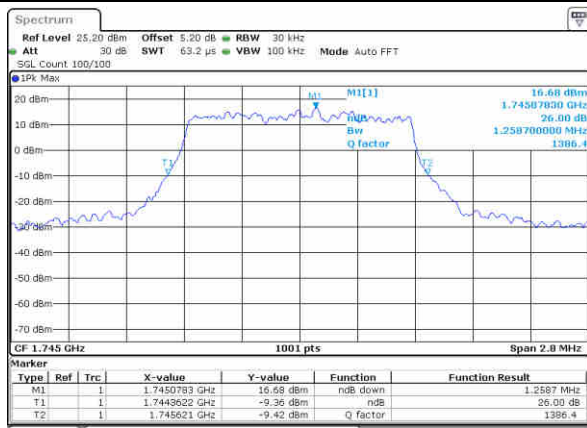
Date: 30 APR 2019 15:43:26

Lowest Channel / 1.4MHz / 16QAM



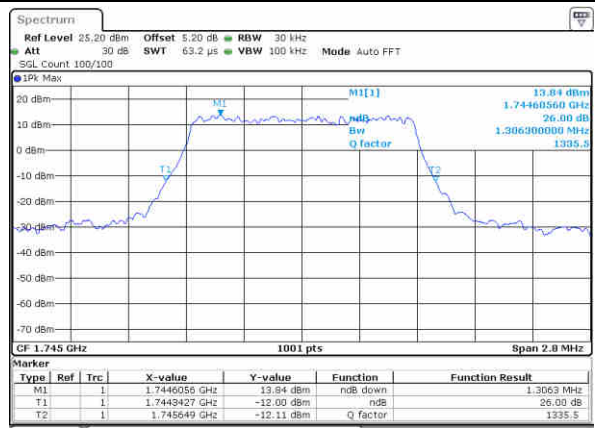
Date: 30 APR 2019 15:44:40

Middle Channel / 1.4MHz / QPSK



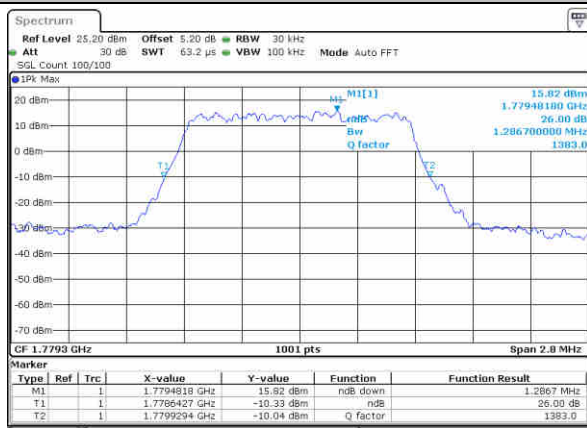
Date: 30 APR 2019 15:46:22

Middle Channel / 1.4MHz / 16QAM



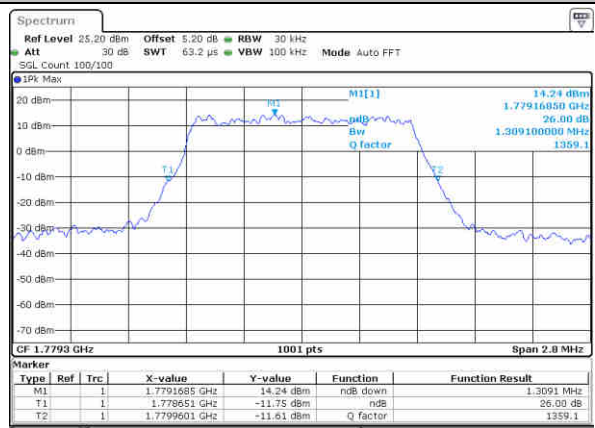
Date: 30 APR 2019 15:46:53

Highest Channel / 1.4MHz / QPSK



Date: 30 APR 2019 15:48:30

Highest Channel / 1.4MHz / 16QAM

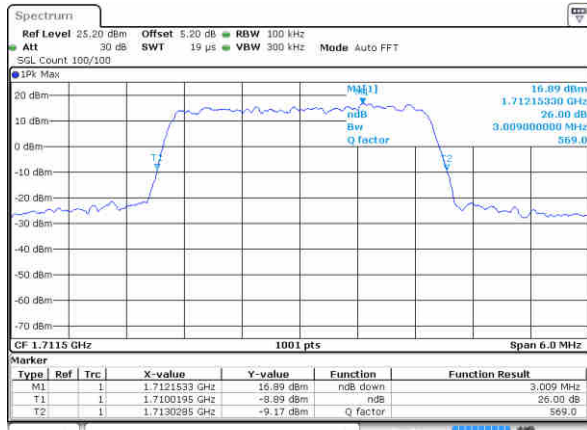


Date: 30 APR 2019 15:48:56

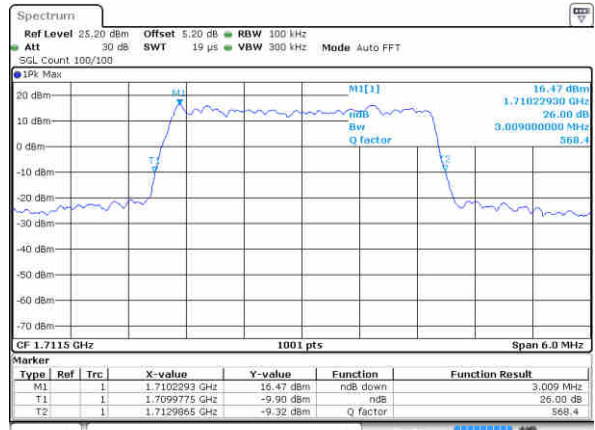


LTE Band 66

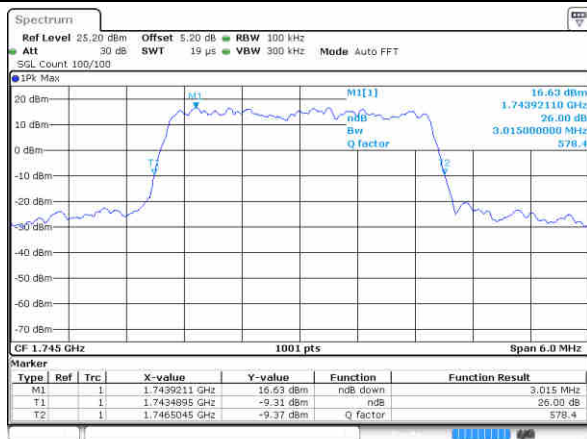
Lowest Channel / 3MHz / QPSK



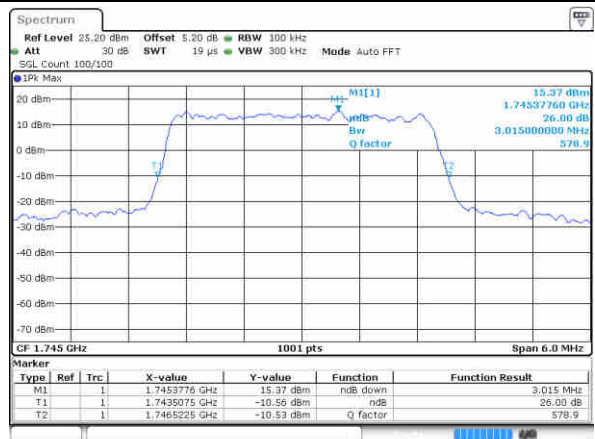
Lowest Channel / 3MHz / 16QAM



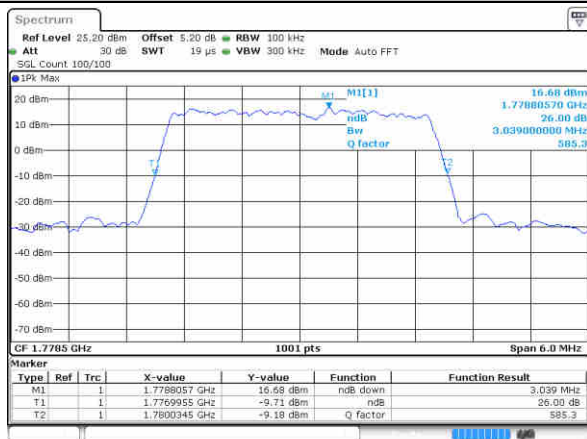
Middle Channel / 3MHz / QPSK



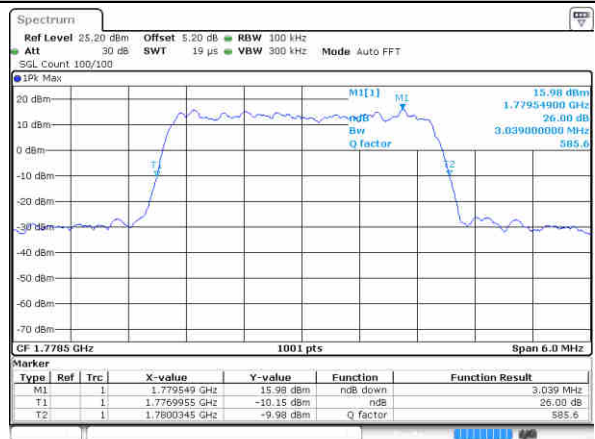
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



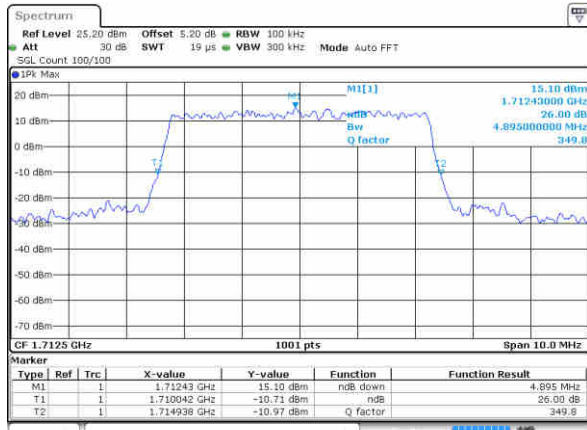
Highest Channel / 3MHz / 16QAM





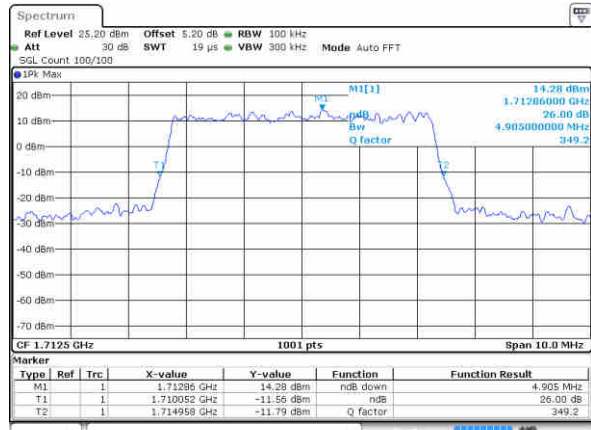
LTE Band 66

Lowest Channel / 5MHz / QPSK



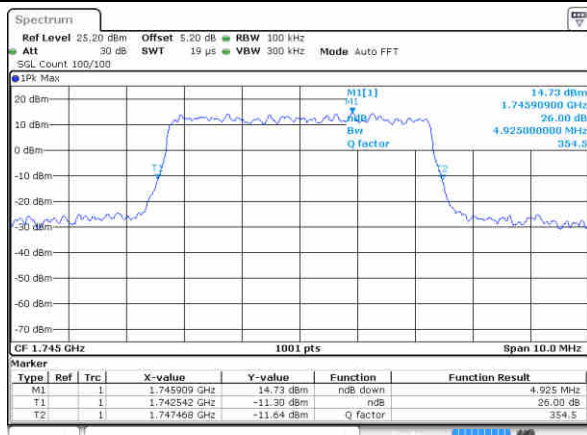
Date: 30 APR 2019 19:52:24

Lowest Channel / 5MHz / 16QAM



Date: 30 APR 2019 19:52:48

Middle Channel / 5MHz / QPSK



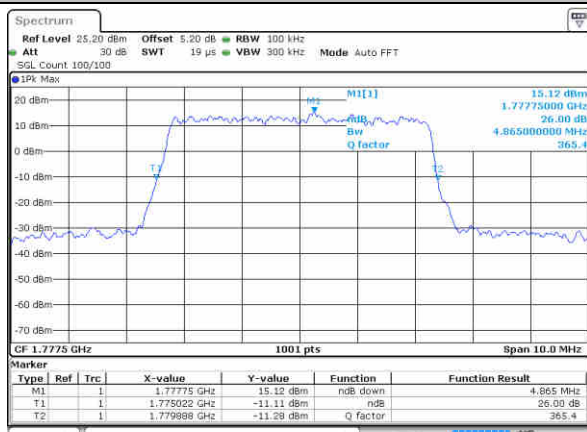
Date: 30 APR 2019 19:54:26

Middle Channel / 5MHz / 16QAM



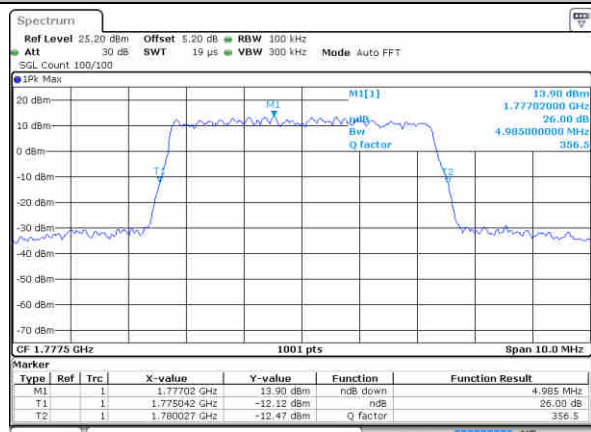
Date: 30 APR 2019 19:54:14

Highest Channel / 5MHz / QPSK



Date: 30 APR 2019 19:56:42

Highest Channel / 5MHz / 16QAM

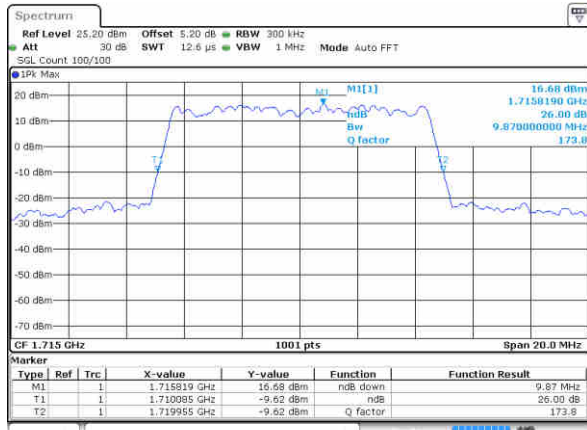


Date: 30 APR 2019 19:57:08

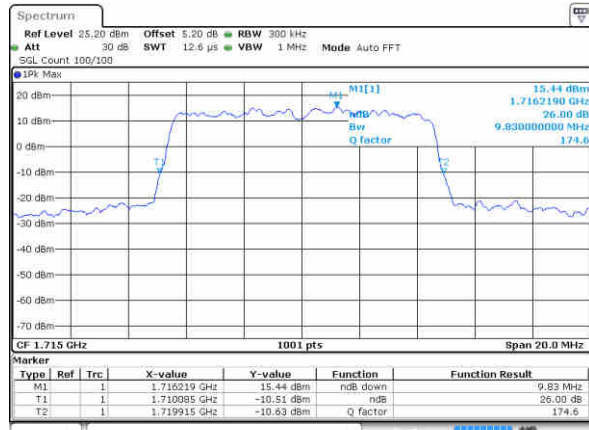


LTE Band 66

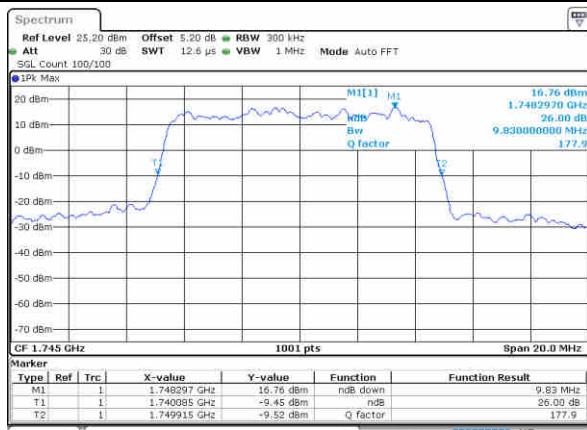
Lowest Channel / 10MHz / QPSK



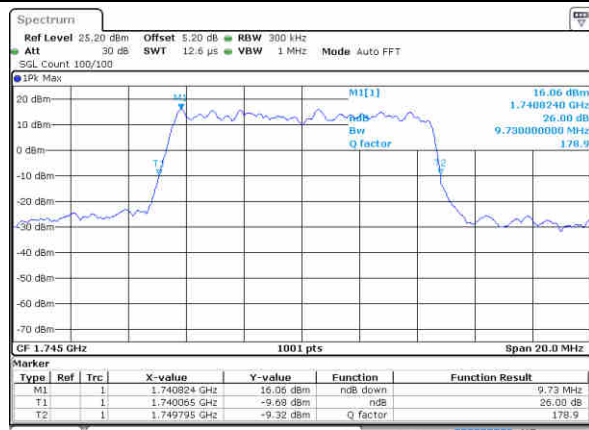
Lowest Channel / 10MHz / 16QAM



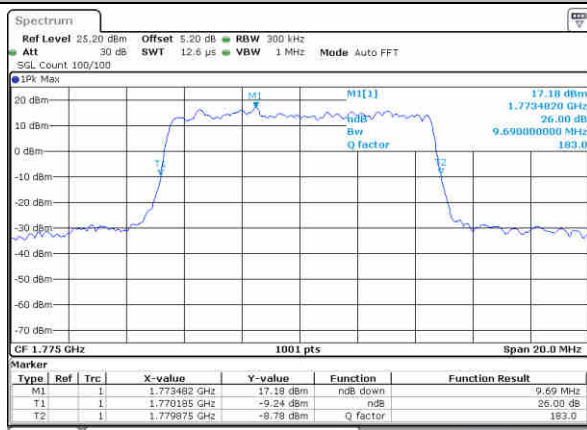
Middle Channel / 10MHz / QPSK



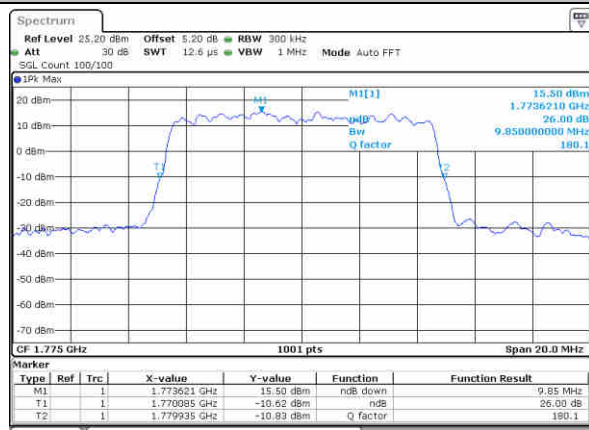
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



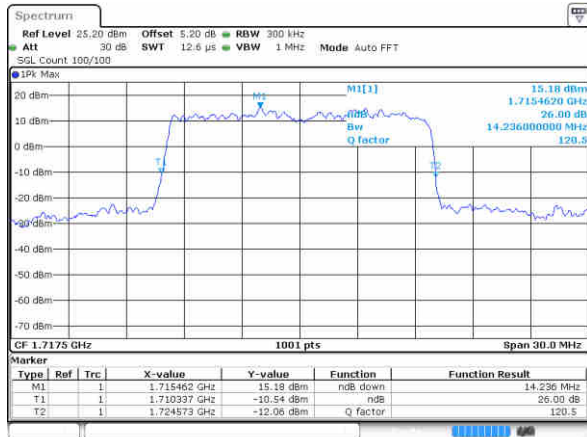
Highest Channel / 10MHz / 16QAM



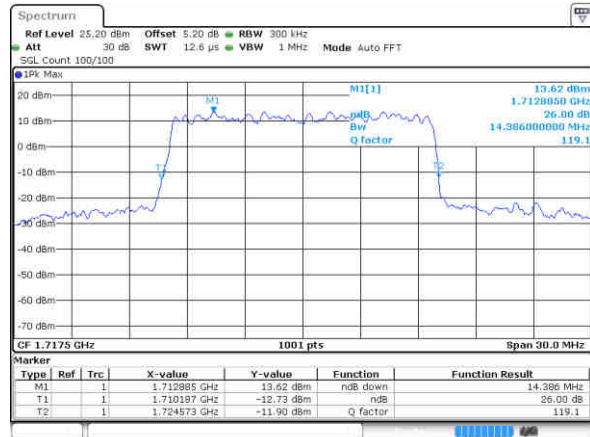


LTE Band 66

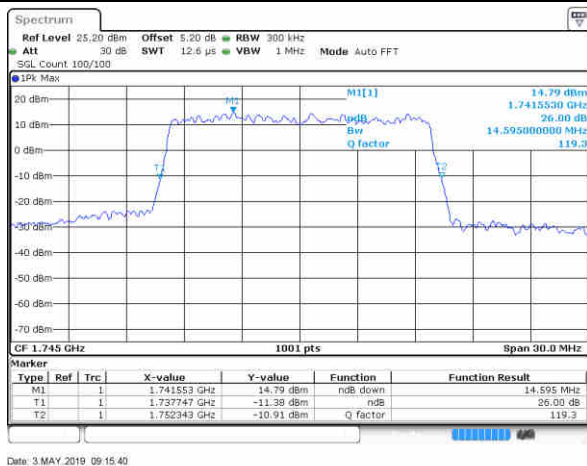
Lowest Channel / 15MHz / QPSK



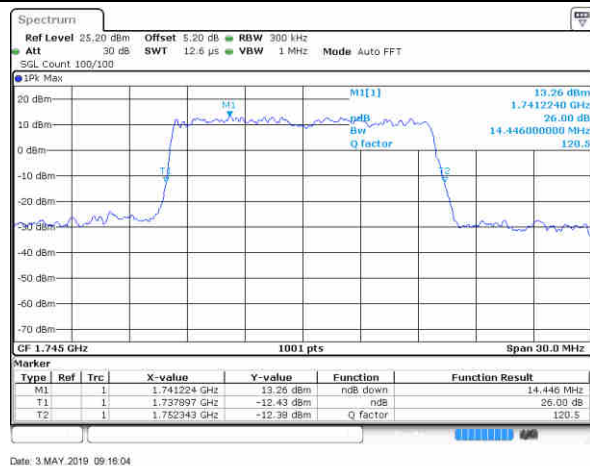
Lowest Channel / 15MHz / 16QAM



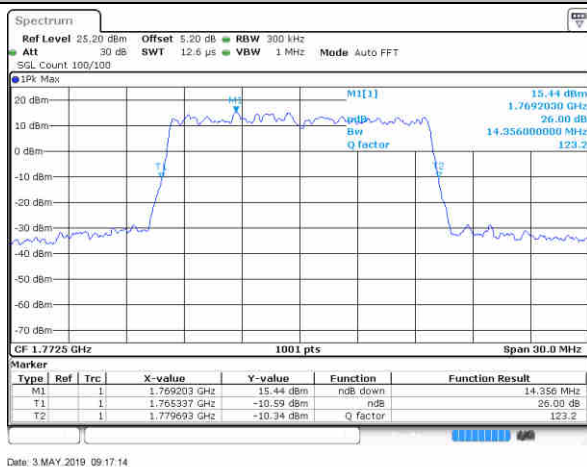
Middle Channel / 15MHz / QPSK



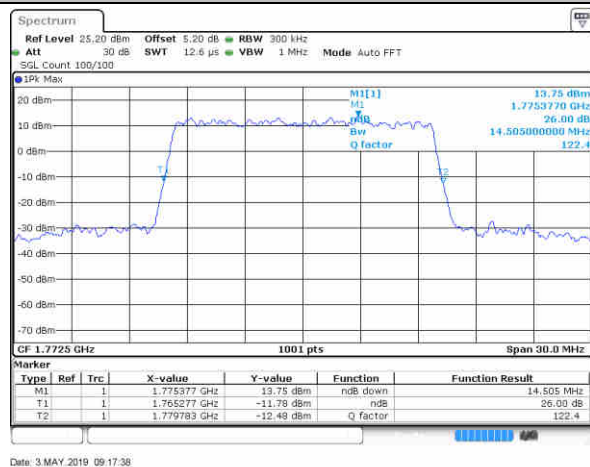
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



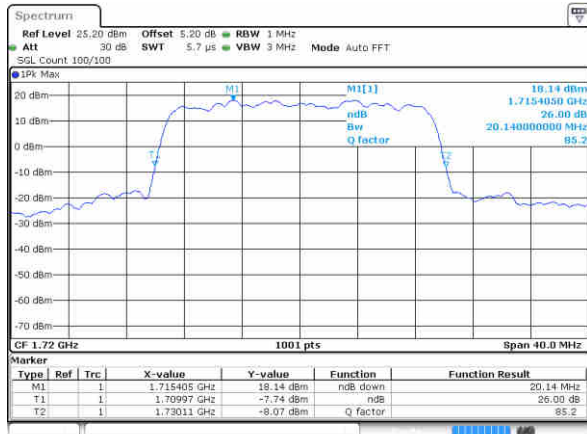
Highest Channel / 15MHz / 16QAM



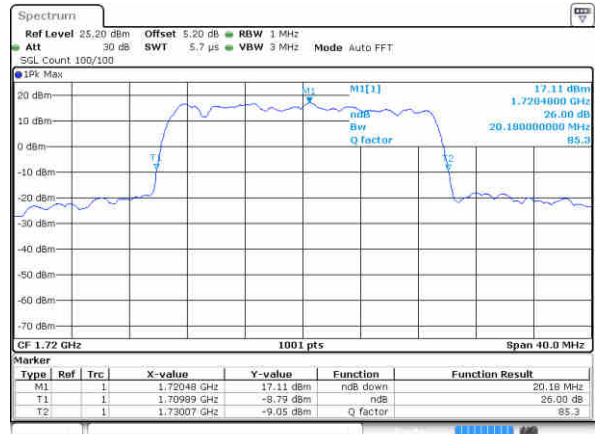


LTE Band 66

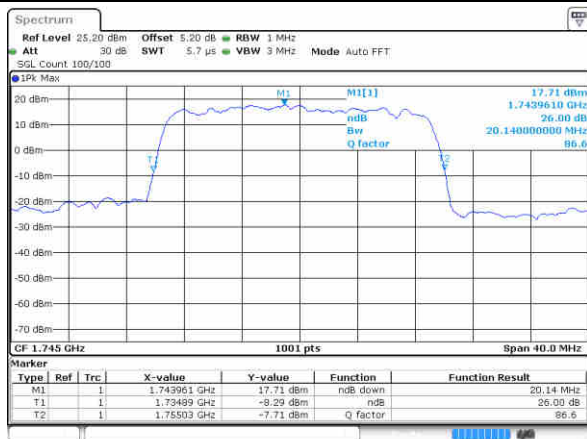
Lowest Channel / 20MHz / QPSK



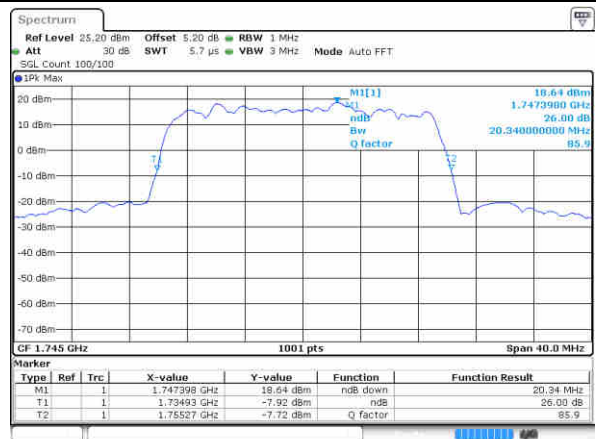
Lowest Channel / 20MHz / 16QAM



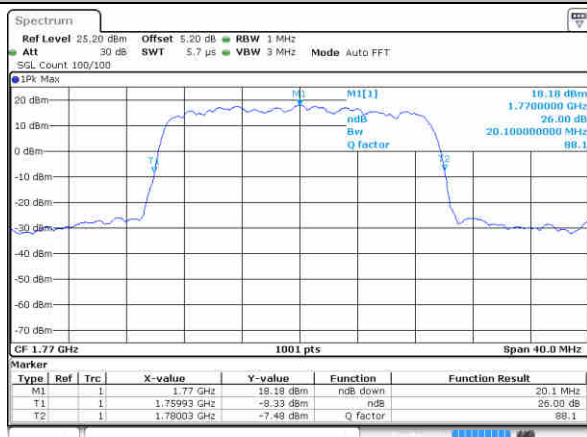
Middle Channel / 20MHz / QPSK



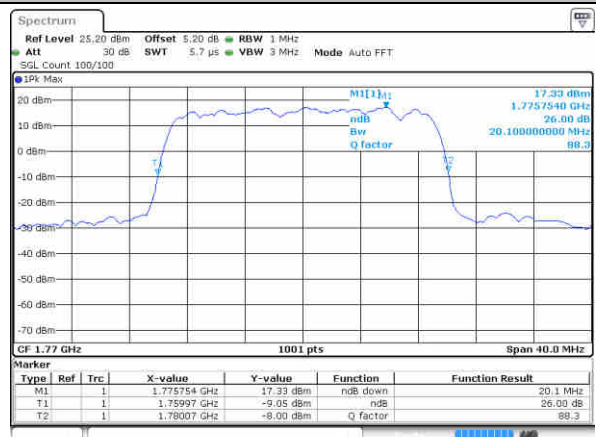
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



**Occupied Bandwidth**

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.71	4.96	4.49	9.01	8.97	13.34	13.40	18.42	18.22
Middle CH	1.09	1.10	2.74	2.73	4.50	4.50	8.99	9.01	13.37	13.46	18.38	18.38
Highest CH	1.09	1.09	2.73	2.71	4.52	4.49	9.05	9.03	13.43	13.34	18.18	18.30

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	1.11	1.09	2.70	2.72	4.50	4.48	9.01	9.05				
Middle CH	1.09	1.09	2.70	2.72	4.48	4.51	8.99	8.93				
Highest CH	1.10	1.10	2.71	2.73	4.51	4.50	8.99	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					4.49	4.50	9.07	9.05	13.52	13.46	18.30	18.58
Middle CH					4.50	4.50	9.09	8.97	13.40	13.46	18.18	18.38
Highest CH					4.52	4.51	9.01	8.97	13.40	13.49	18.18	18.38

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	2.72	4.50	4.49	8.99	9.01				
Middle CH	1.10	1.09	2.70	2.72	4.50	4.51	9.01	9.01				
Highest CH	1.09	1.10	2.70	2.72	4.49	4.51	9.07	9.01				



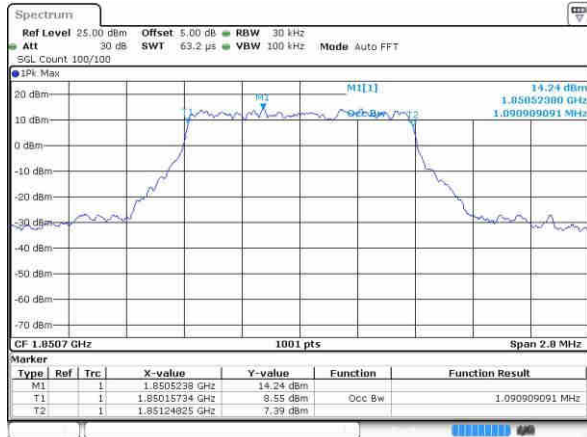
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.50	4.50						
Middle CH					4.49	4.49	8.97	8.99				
Highest CH					4.51	4.51						

Mode	LTE Band 66 : 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	1.10	1.09	2.73	2.70	4.51	4.48	9.01	9.05	13.40	13.40	18.30	18.34
Middle CH	1.11	1.10	2.71	2.70	4.50	4.49	8.99	9.01	13.40	13.46	18.14	18.22
Highest CH	1.10	1.10	2.73	2.71	4.50	4.50	9.01	9.05	13.37	13.43	18.22	18.30

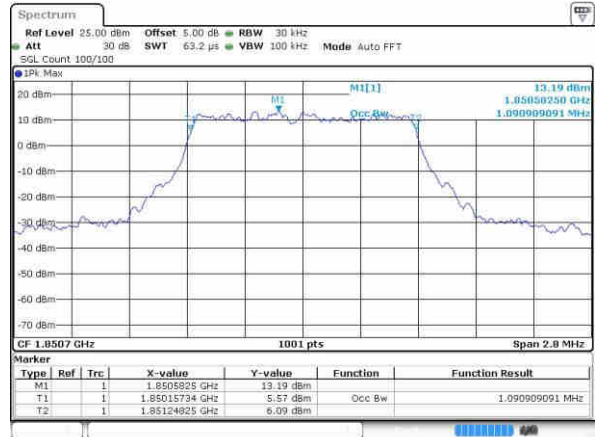


LTE Band 2

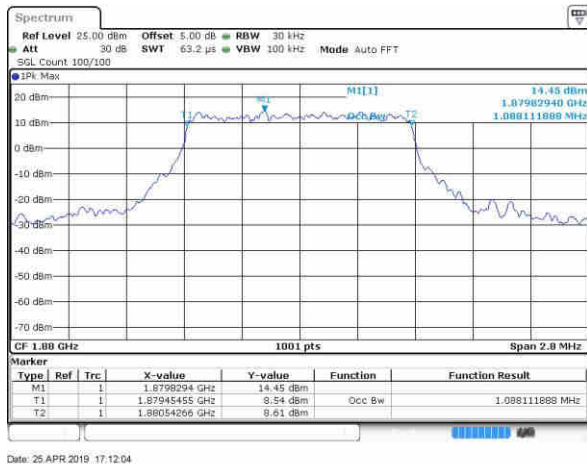
Lowest Channel / 1.4MHz / QPSK



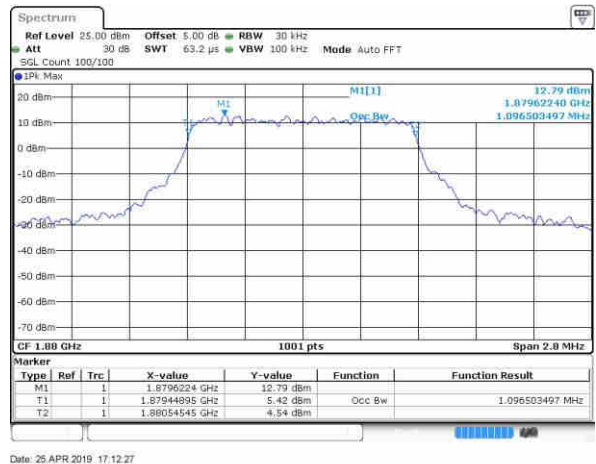
Lowest Channel / 1.4MHz / 16QAM



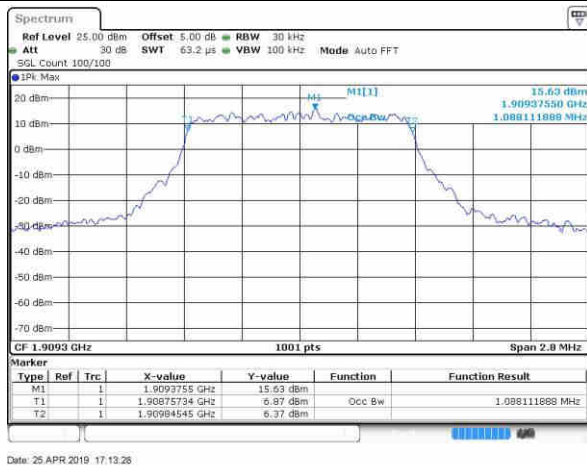
Middle Channel / 1.4MHz / QPSK



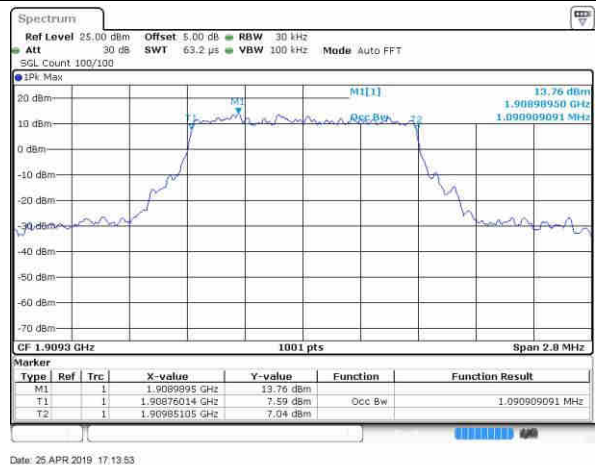
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



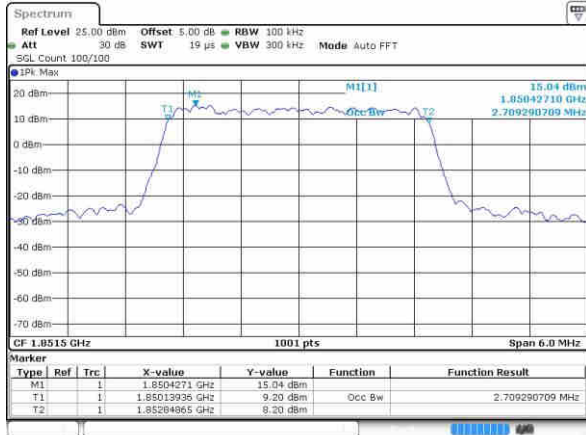
Highest Channel / 1.4MHz / 16QAM



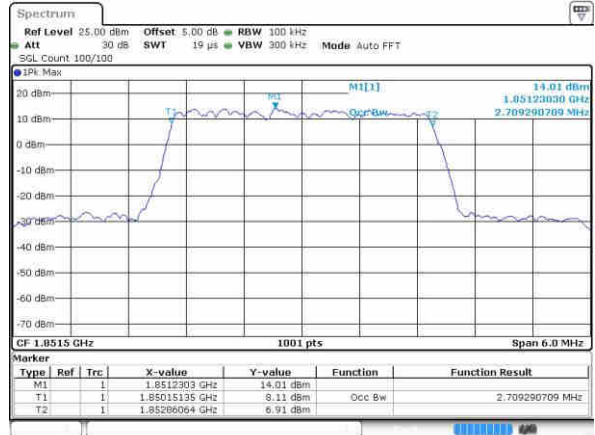


LTE Band 2

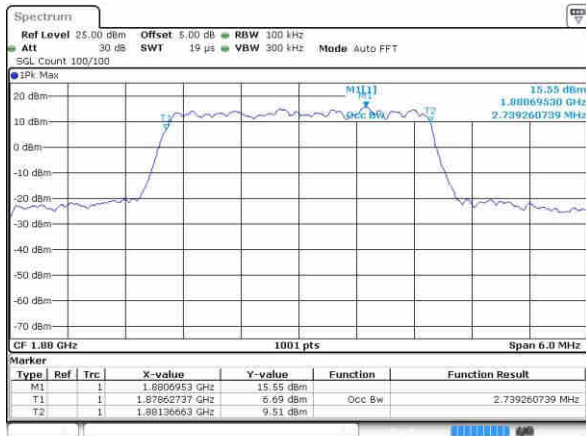
Lowest Channel / 3MHz / QPSK



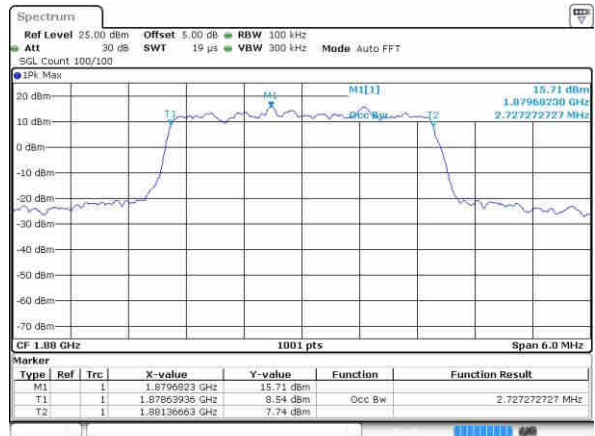
Lowest Channel / 3MHz / 16QAM



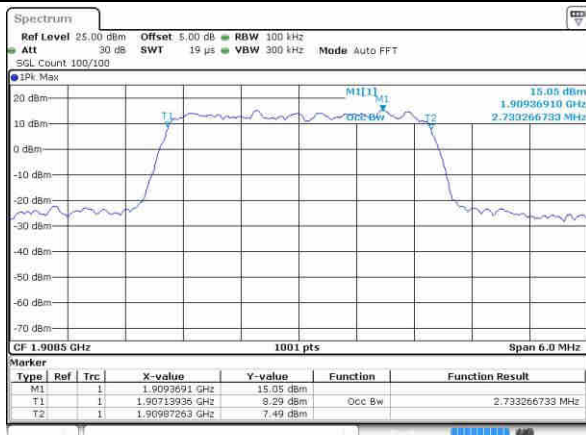
Middle Channel / 3MHz / QPSK



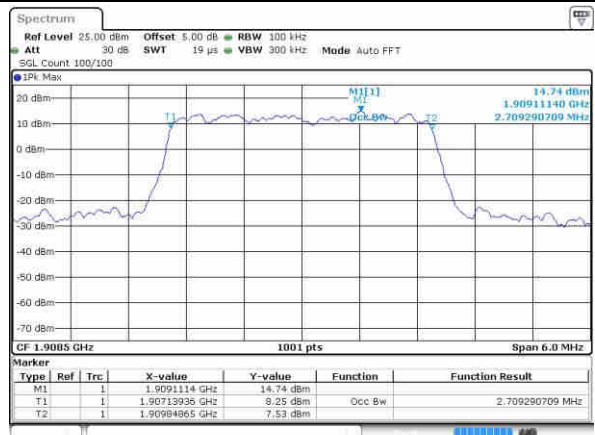
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



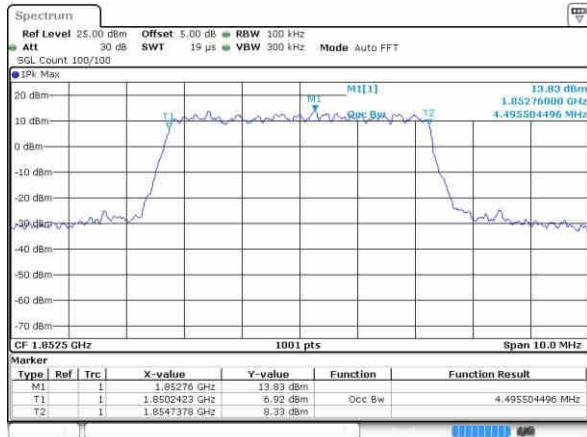
Highest Channel / 3MHz / 16QAM



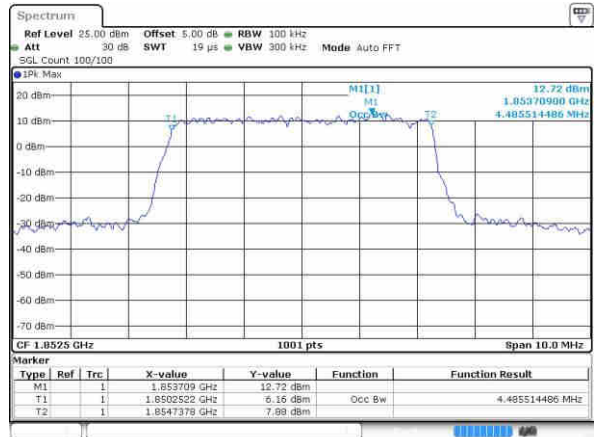


LTE Band 2

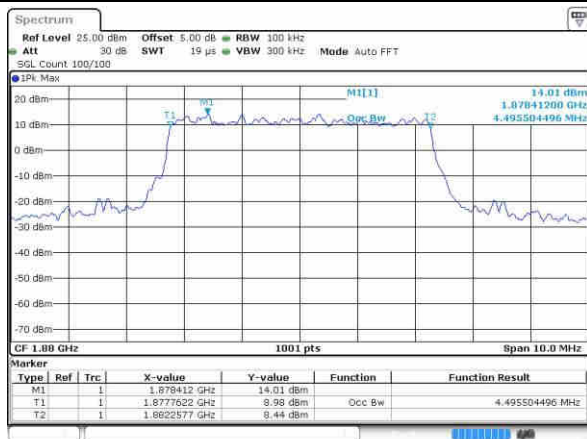
Lowest Channel / 5MHz / QPSK



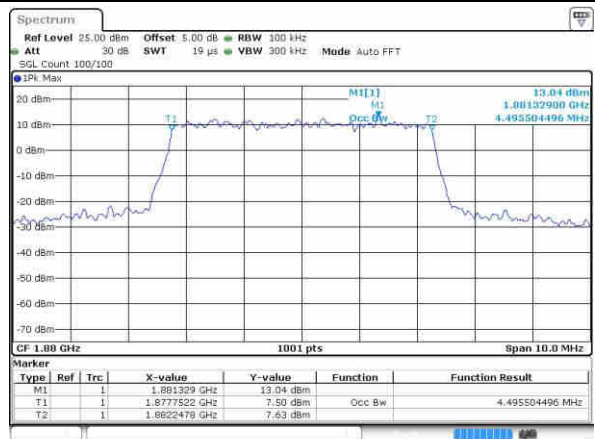
Lowest Channel / 5MHz / 16QAM



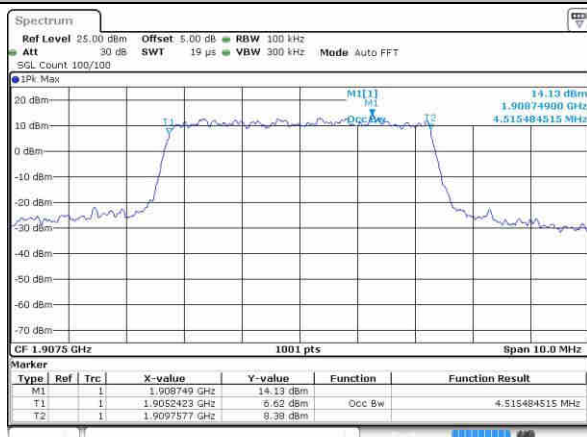
Middle Channel / 5MHz / QPSK



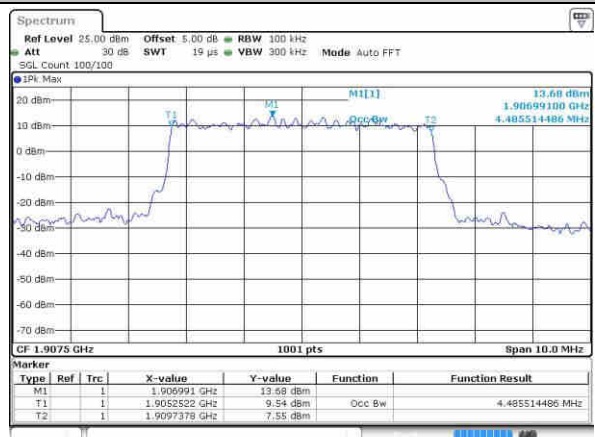
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



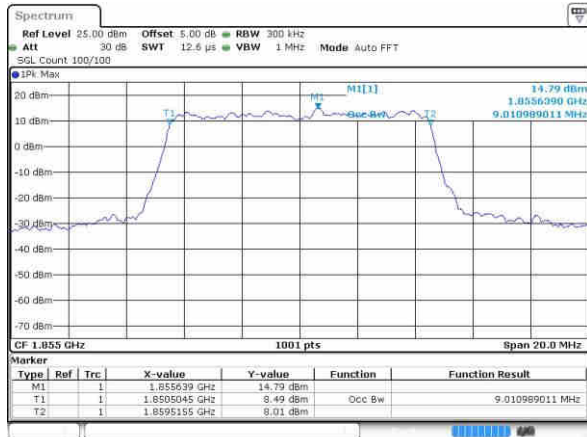
Highest Channel / 5MHz / 16QAM



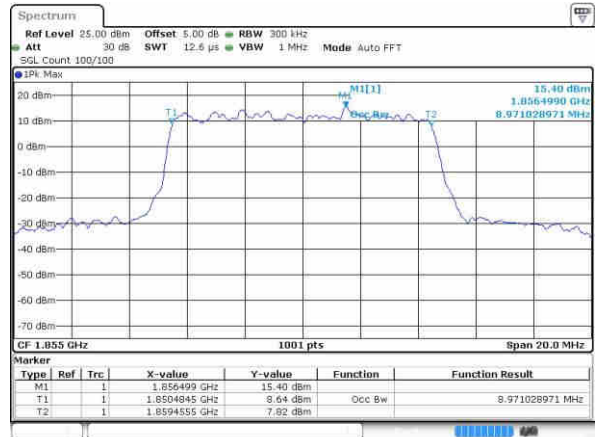


LTE Band 2

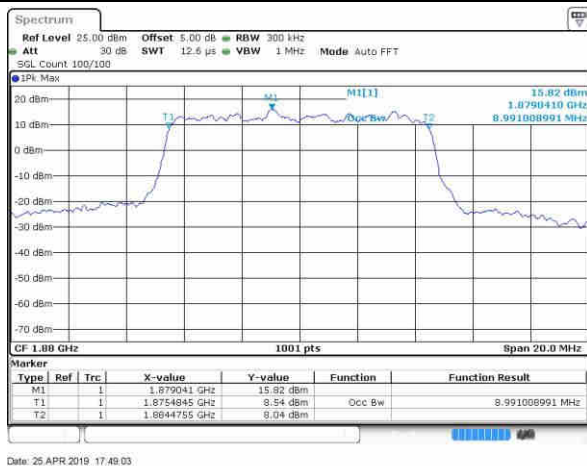
Lowest Channel / 10MHz / QPSK



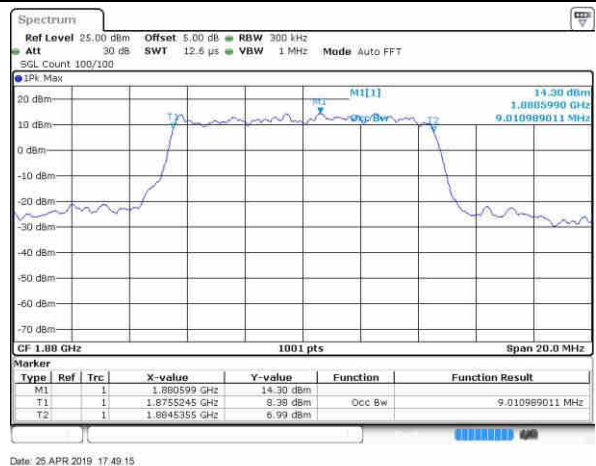
Lowest Channel / 10MHz / 16QAM



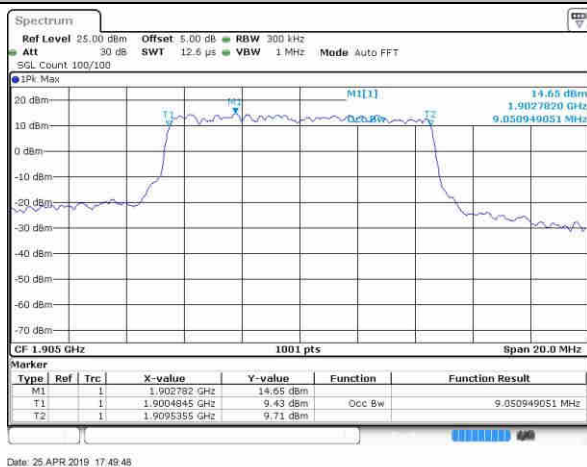
Middle Channel / 10MHz / QPSK



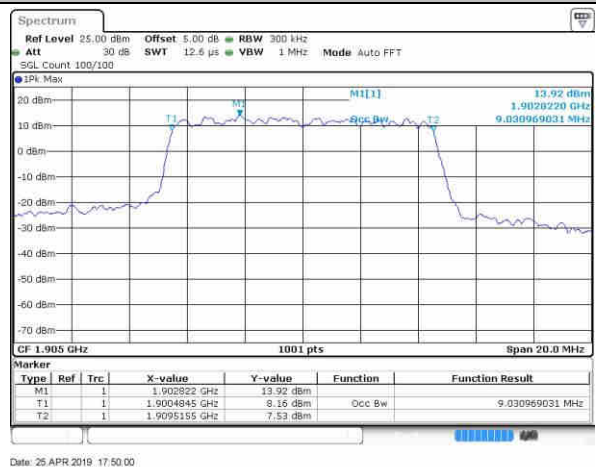
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



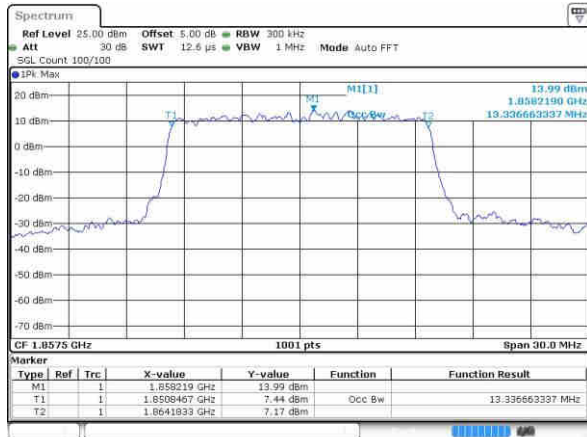
Highest Channel / 10MHz / 16QAM





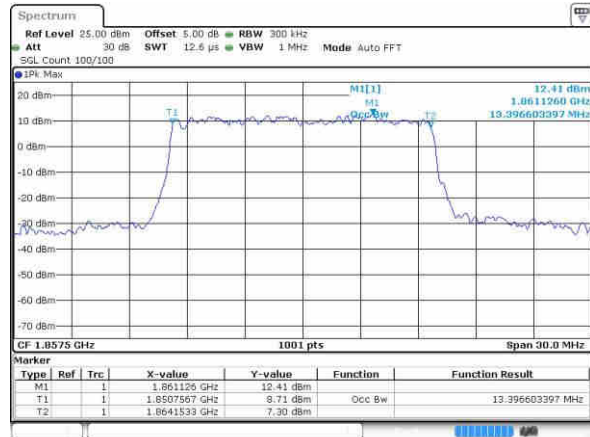
LTE Band 2

Lowest Channel / 15MHz / QPSK



Date: 25 APR 2019 17:54:28

Lowest Channel / 15MHz / 16QAM



Date: 25 APR 2019 17:54:39

Middle Channel / 15MHz / QPSK



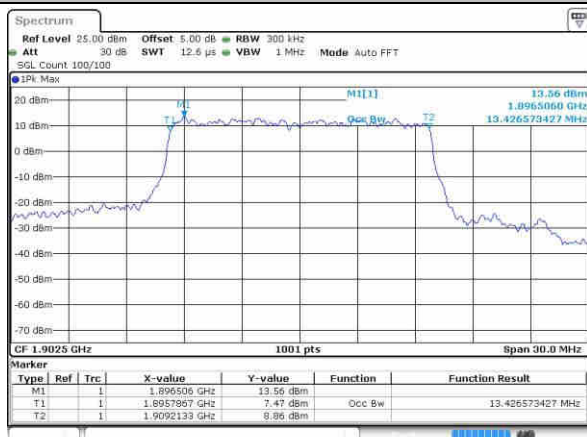
Date: 25 APR 2019 17:58:08

Middle Channel / 15MHz / 16QAM



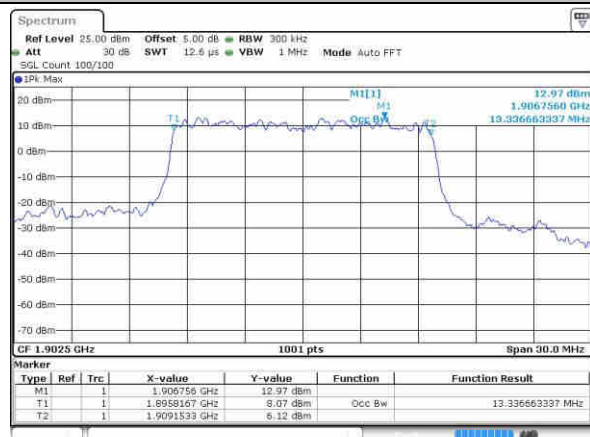
Date: 25 APR 2019 17:58:20

Highest Channel / 15MHz / QPSK



Date: 25 APR 2019 17:59:53

Highest Channel / 15MHz / 16QAM

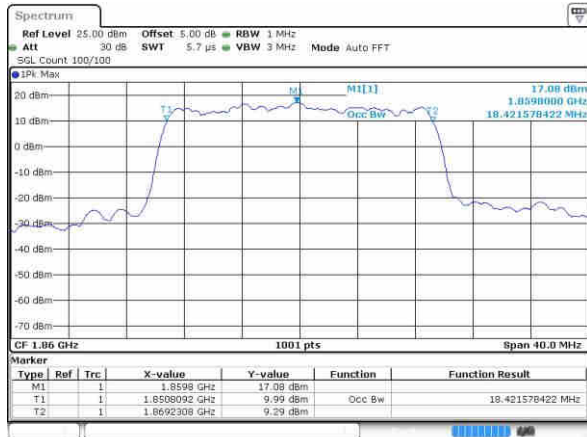


Date: 25 APR 2019 18:00:05

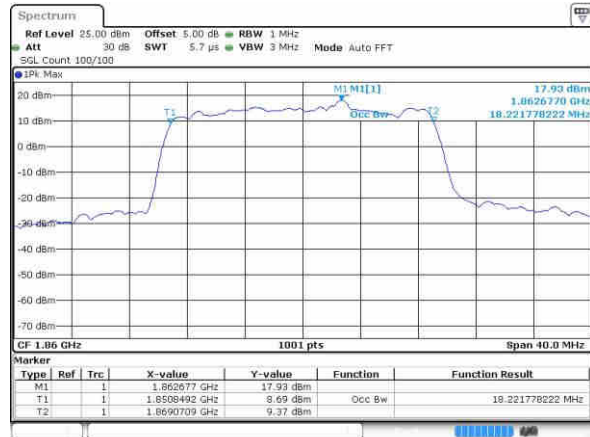


LTE Band 2

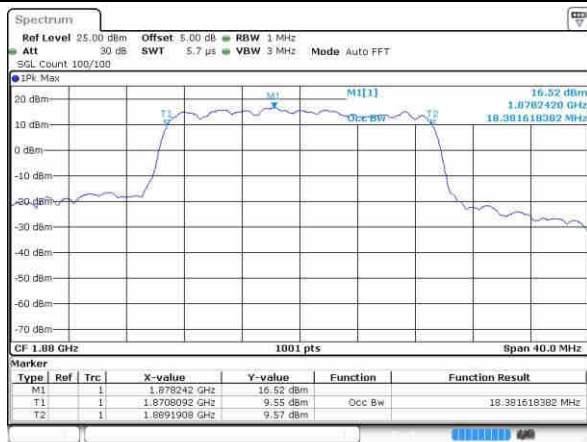
Lowest Channel / 20MHz / QPSK



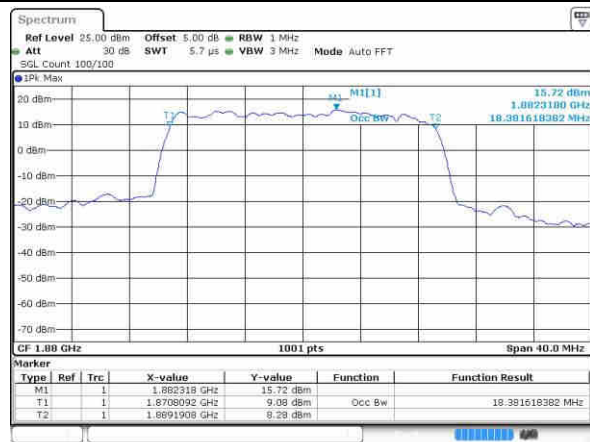
Lowest Channel / 20MHz / 16QAM



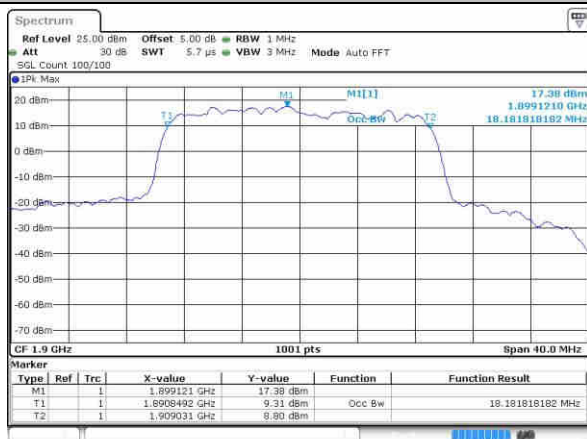
Middle Channel / 20MHz / QPSK



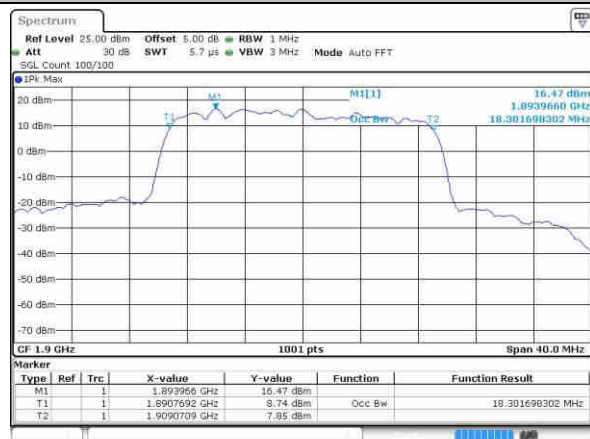
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



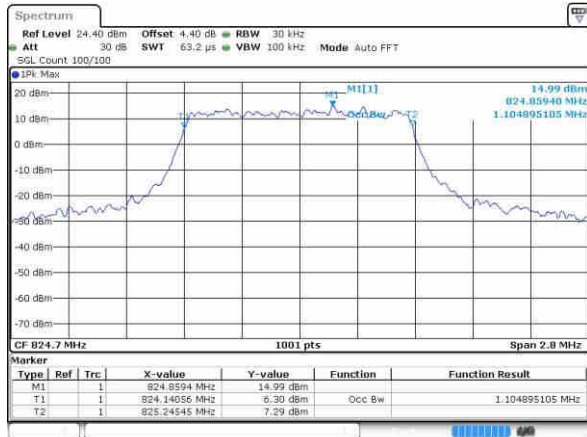
Highest Channel / 20MHz / 16QAM



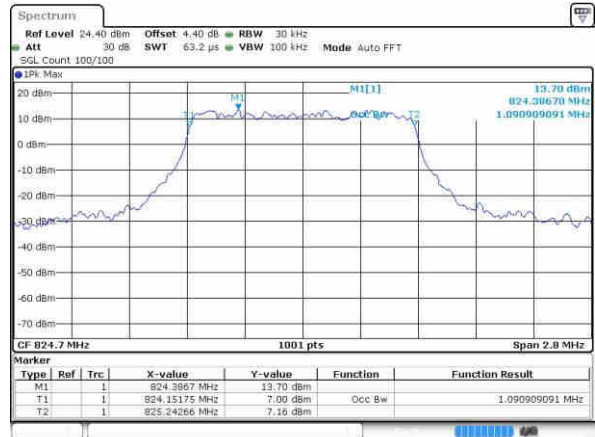


LTE Band 5

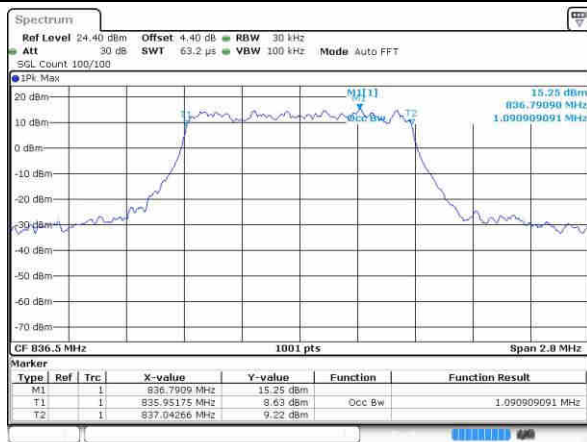
Lowest Channel / 1.4MHz / QPSK



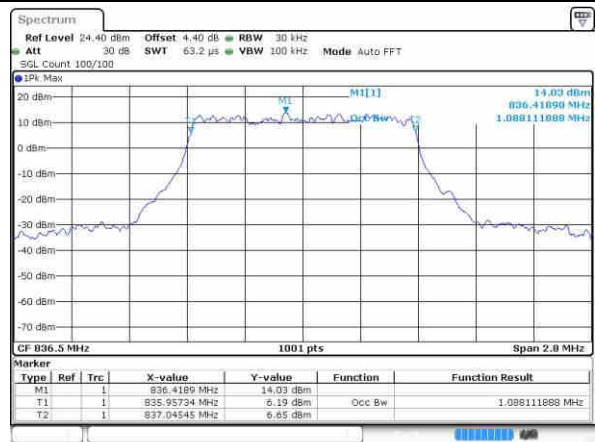
Lowest Channel / 1.4MHz / 16QAM



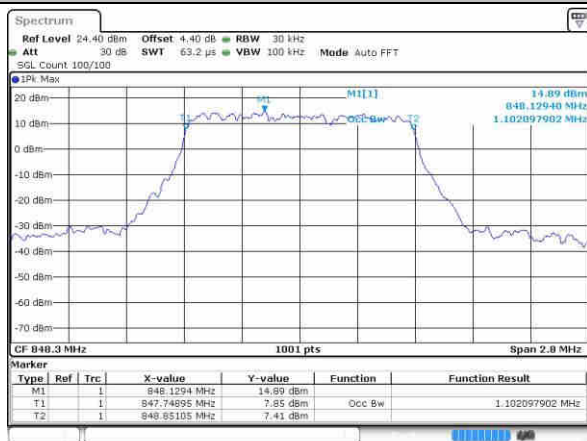
Middle Channel / 1.4MHz / QPSK



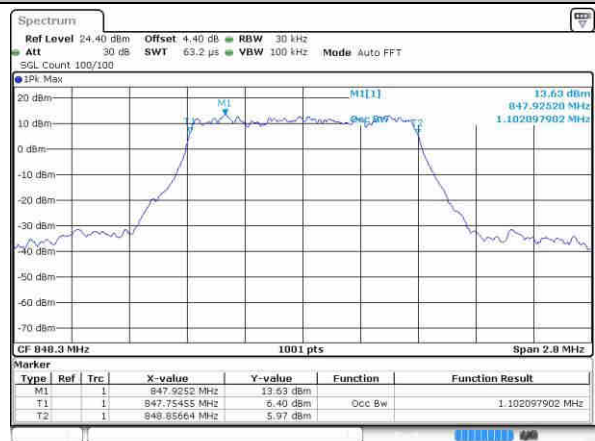
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



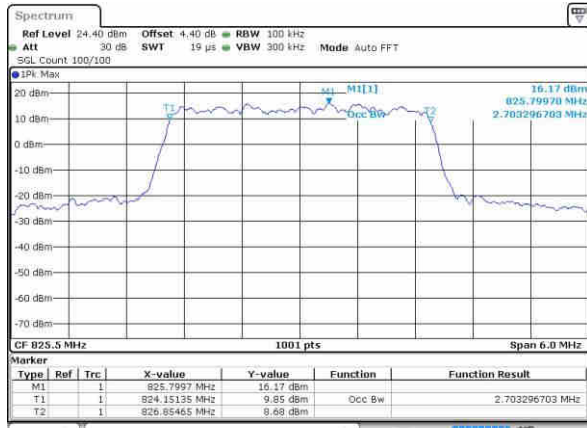
Highest Channel / 1.4MHz / 16QAM





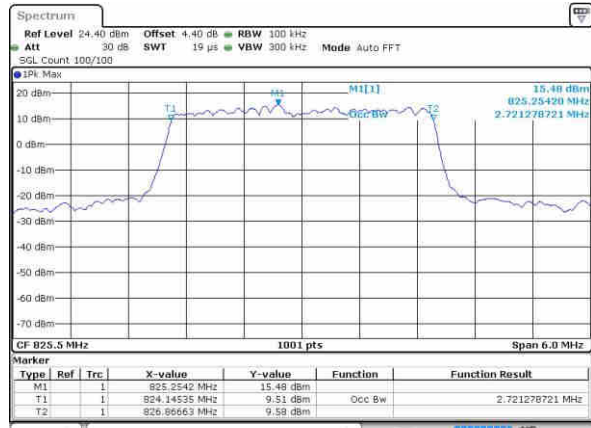
LTE Band 5

Lowest Channel / 3MHz / QPSK



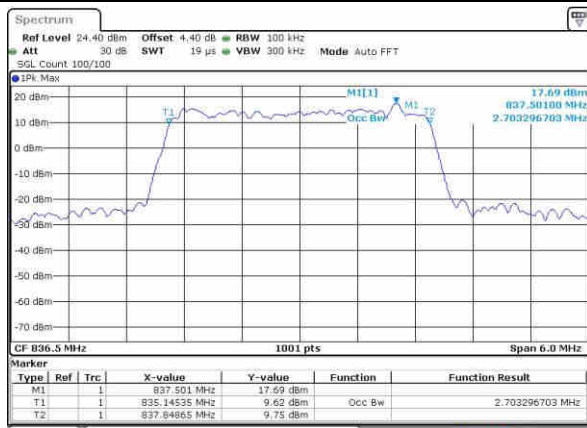
Date: 26 APR 2019 11:17:58

Lowest Channel / 3MHz / 16QAM



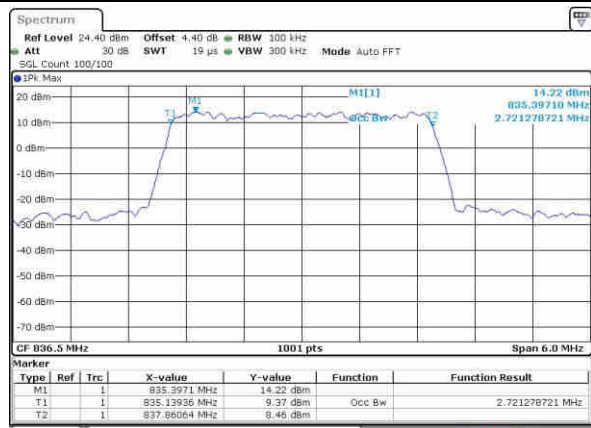
Date: 26 APR 2019 11:18:09

Middle Channel / 3MHz / QPSK



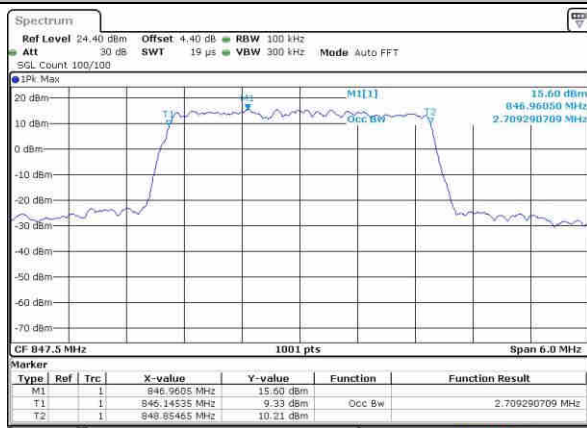
Date: 26 APR 2019 11:20:52

Middle Channel / 3MHz / 16QAM



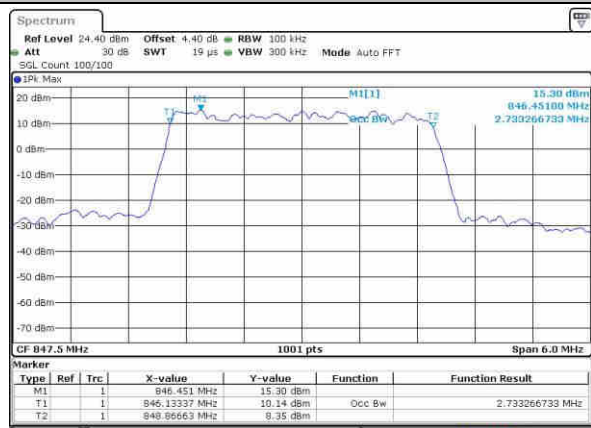
Date: 26 APR 2019 11:20:25

Highest Channel / 3MHz / QPSK



Date: 26 APR 2019 11:21:27

Highest Channel / 3MHz / 16QAM

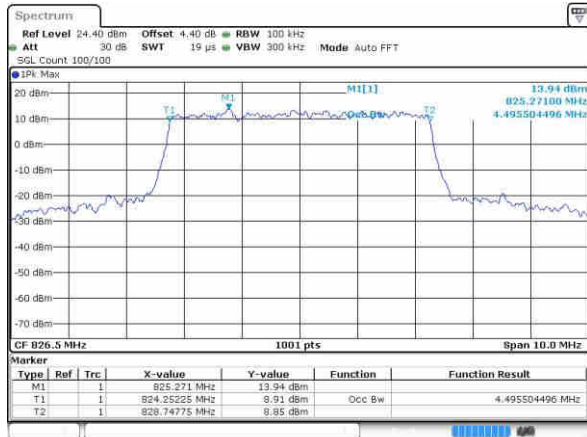


Date: 26 APR 2019 11:21:51

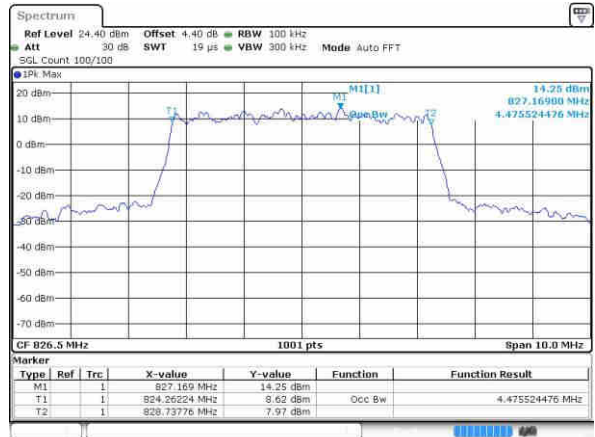


LTE Band 5

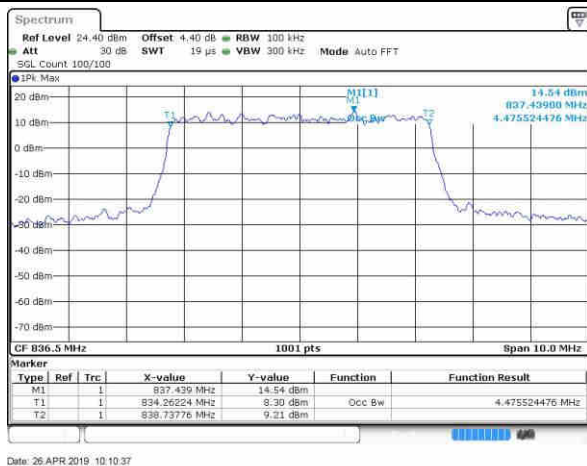
Lowest Channel / 5MHz / QPSK



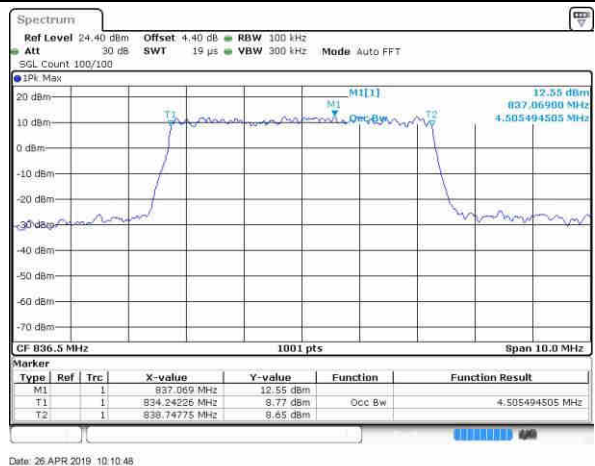
Lowest Channel / 5MHz / 16QAM



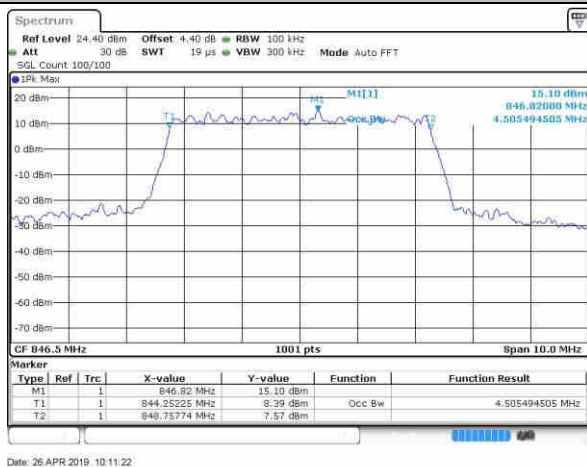
Middle Channel / 5MHz / QPSK



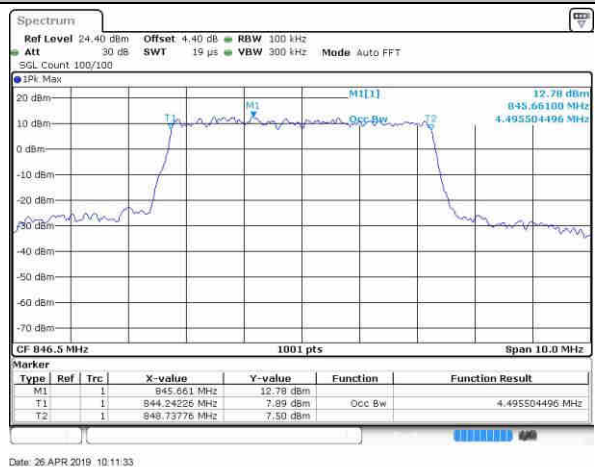
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



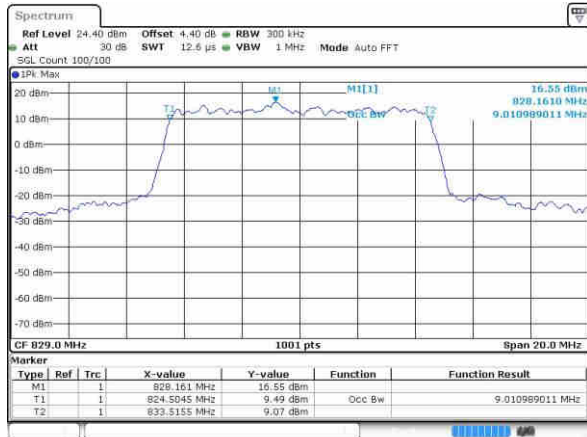
Highest Channel / 5MHz / 16QAM



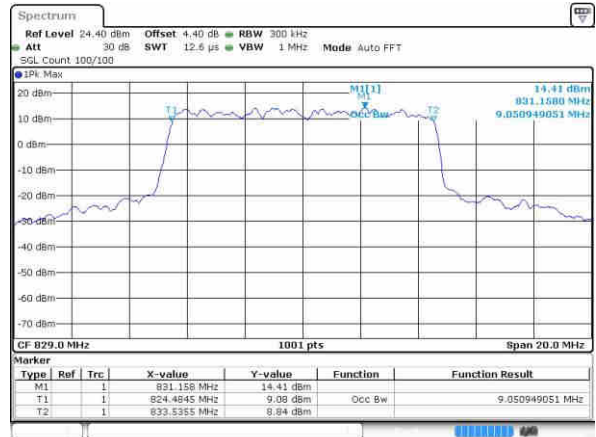


LTE Band 5

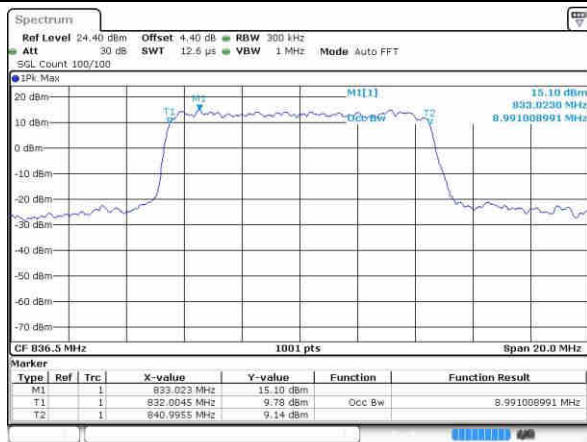
Lowest Channel / 10MHz / QPSK



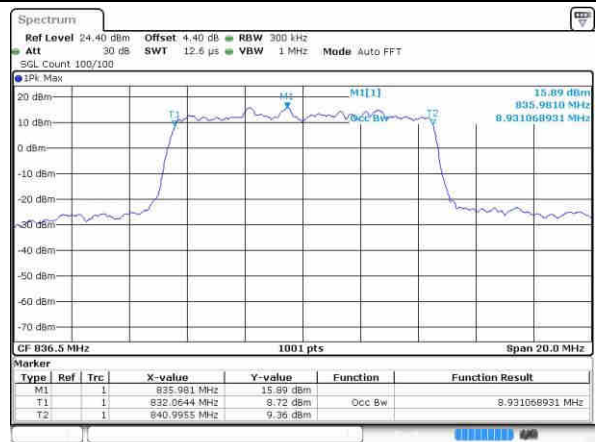
Lowest Channel / 10MHz / 16QAM



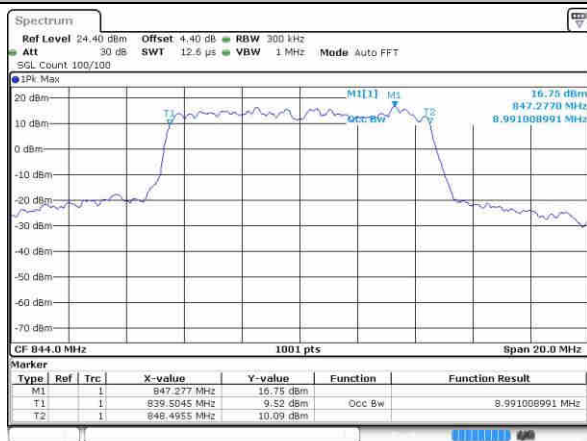
Middle Channel / 10MHz / QPSK



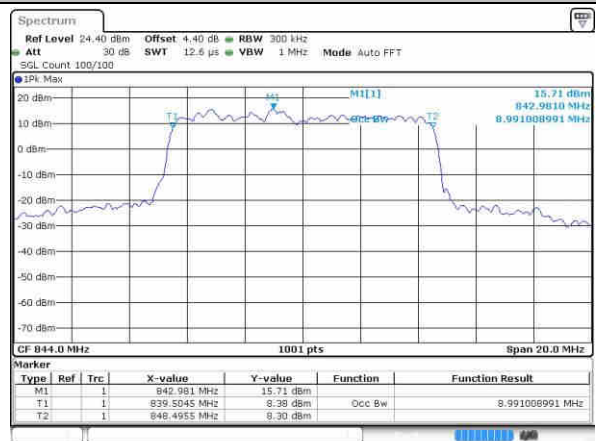
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



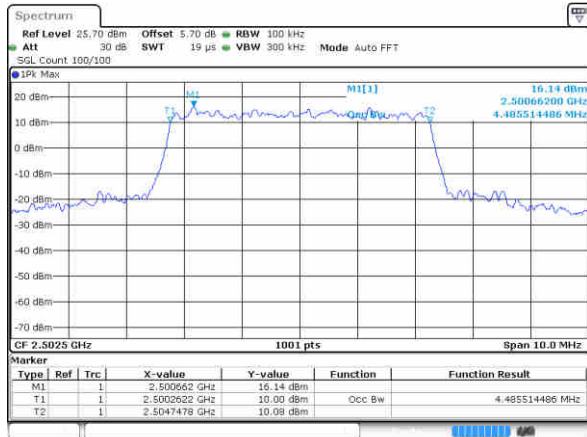
Highest Channel / 10MHz / 16QAM



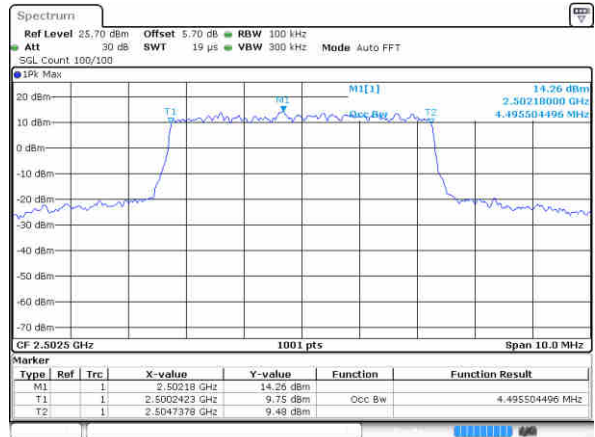


LTE Band 7

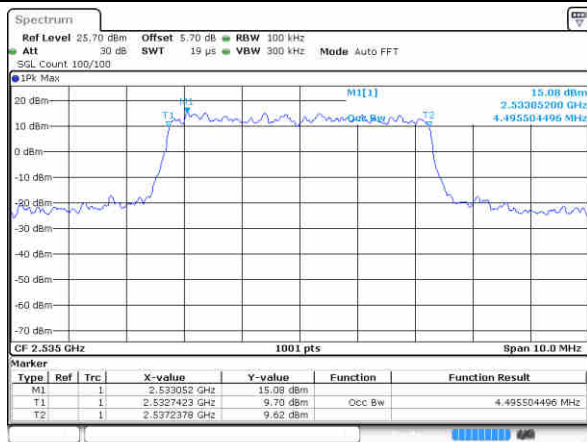
Lowest Channel / 5MHz / QPSK



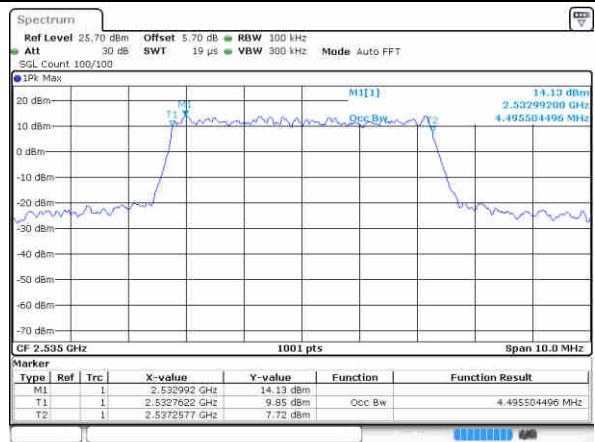
Lowest Channel / 5MHz / 16QAM



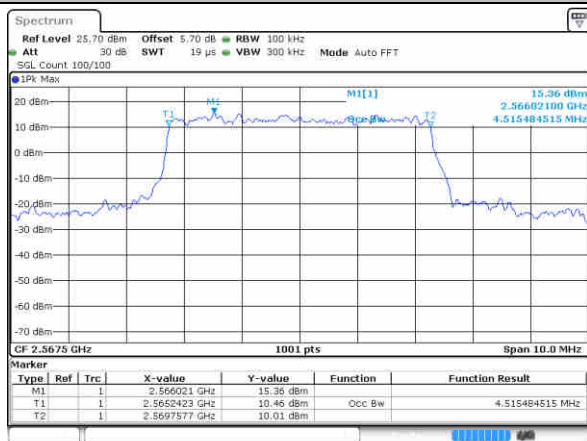
Middle Channel / 5MHz / QPSK



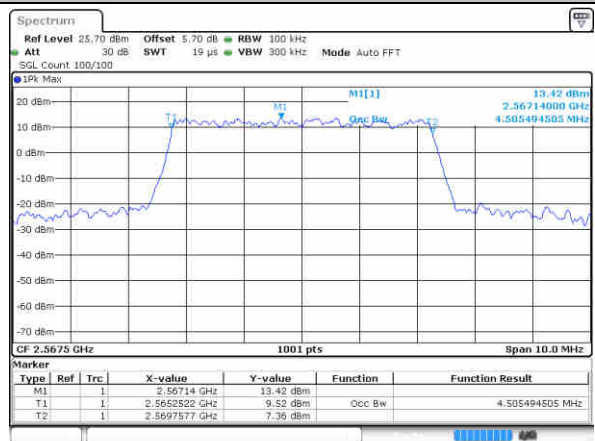
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



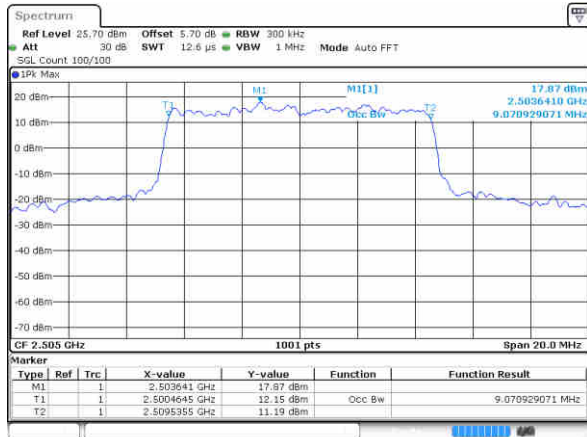
Highest Channel / 5MHz / 16QAM





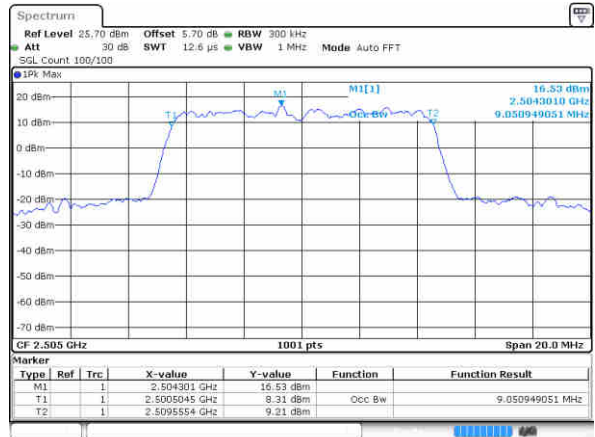
LTE Band 7

Lowest Channel / 10MHz / QPSK



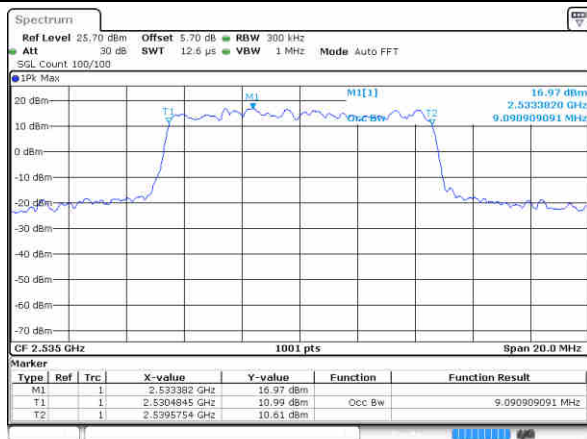
Date: 30 APR 2019 09:37:45

Lowest Channel / 10MHz / 16QAM



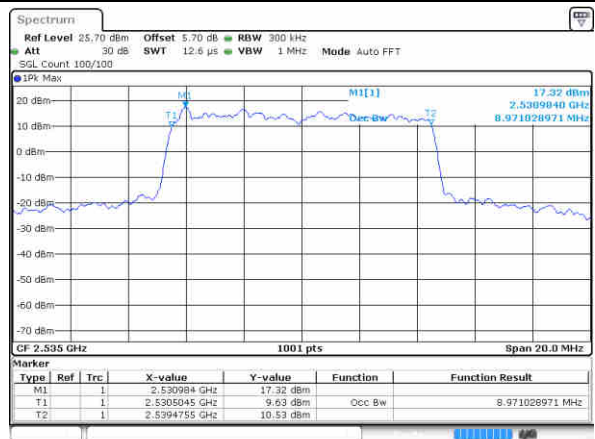
Date: 30 APR 2019 09:38:05

Middle Channel / 10MHz / QPSK



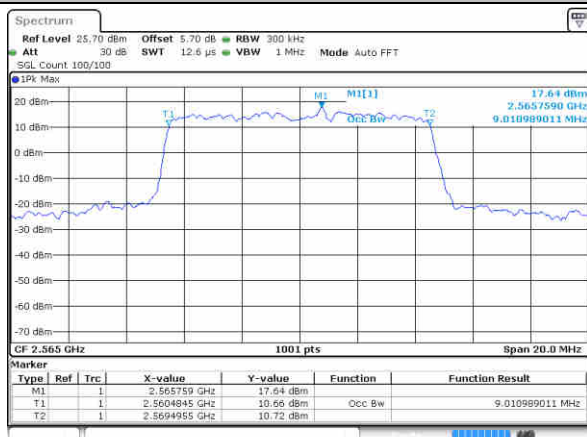
Date: 30 APR 2019 09:38:45

Middle Channel / 10MHz / 16QAM



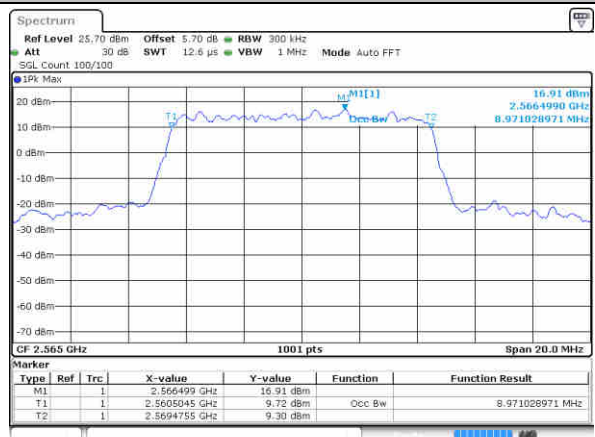
Date: 30 APR 2019 09:38:25

Highest Channel / 10MHz / QPSK



Date: 30 APR 2019 09:39:05

Highest Channel / 10MHz / 16QAM

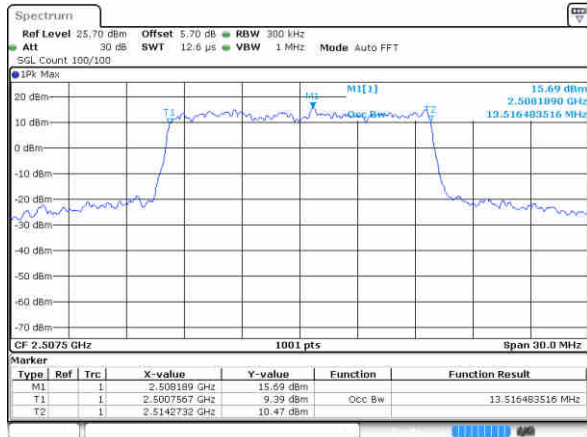


Date: 30 APR 2019 09:39:25

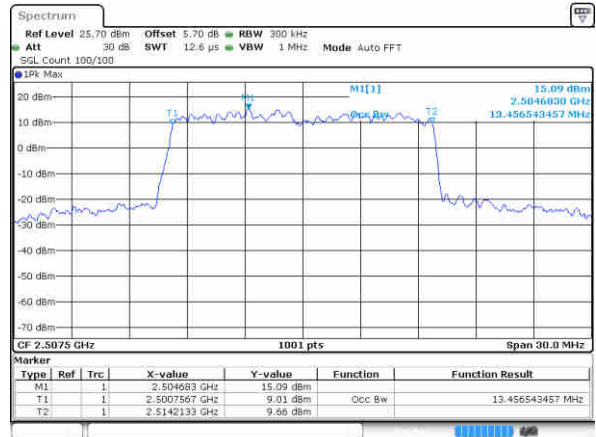


LTE Band 7

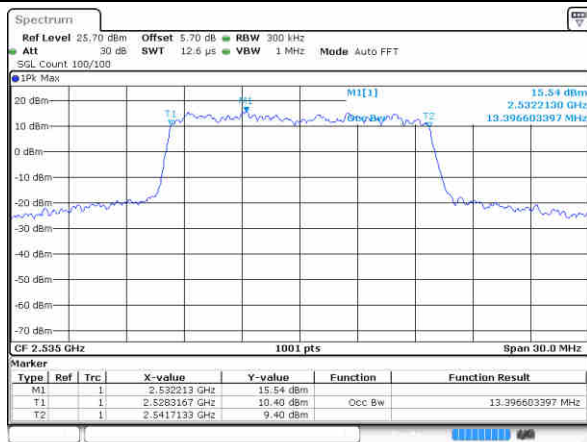
Lowest Channel / 15MHz / QPSK



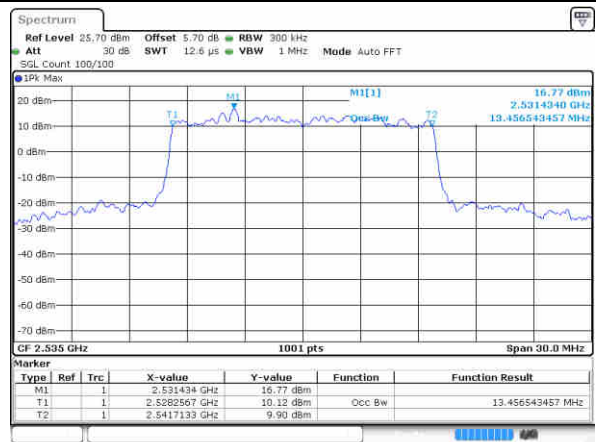
Lowest Channel / 15MHz / 16QAM



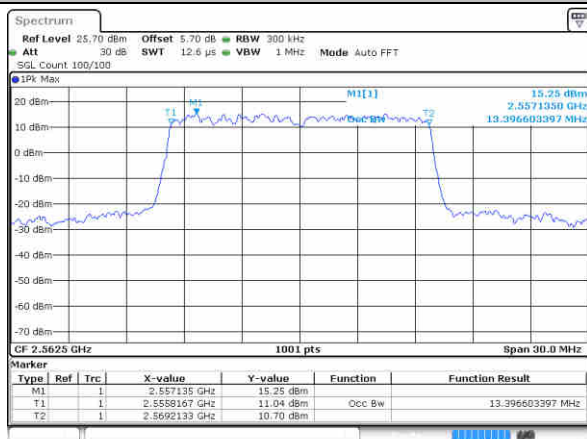
Middle Channel / 15MHz / QPSK



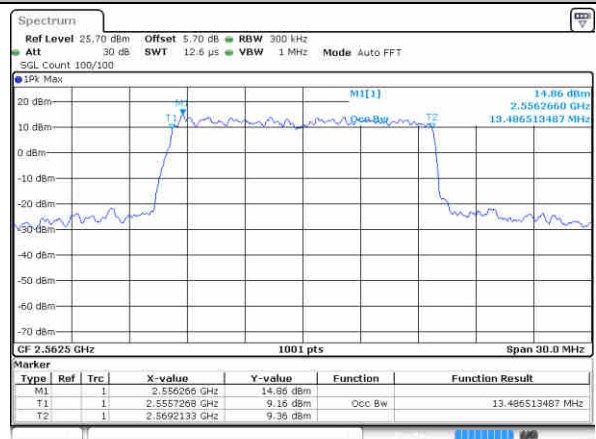
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



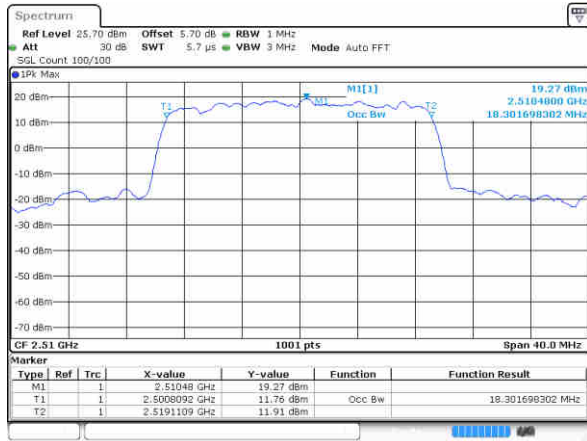
Highest Channel / 15MHz / 16QAM



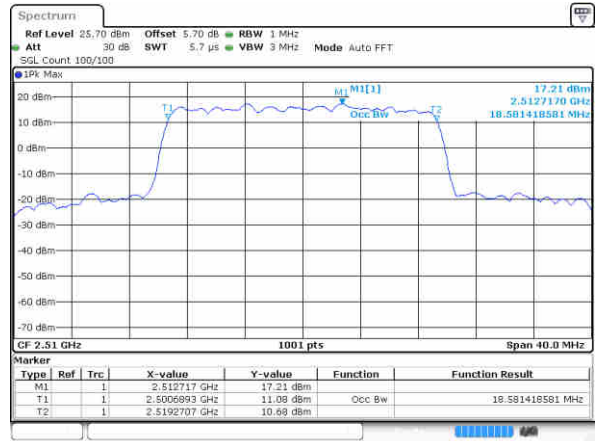


LTE Band 7

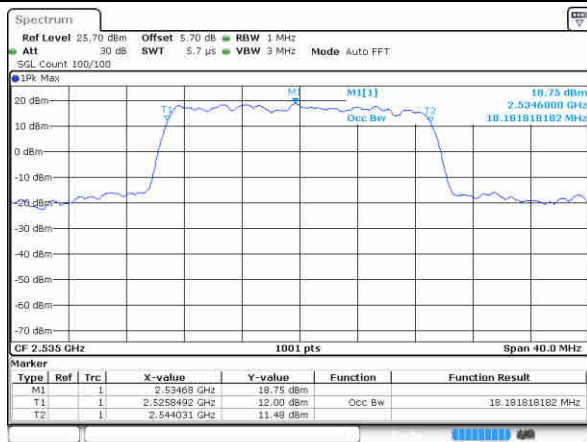
Lowest Channel / 20MHz / QPSK



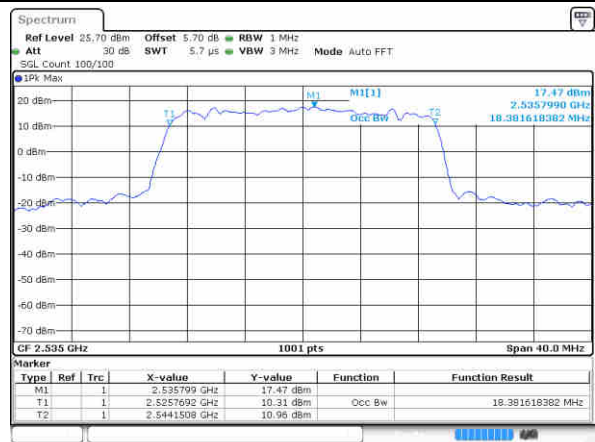
Lowest Channel / 20MHz / 16QAM



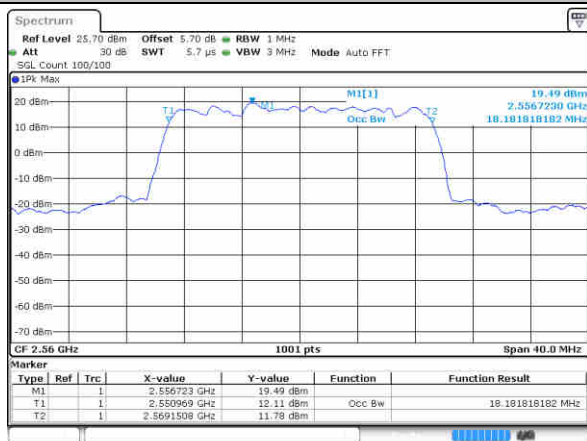
Middle Channel / 20MHz / QPSK



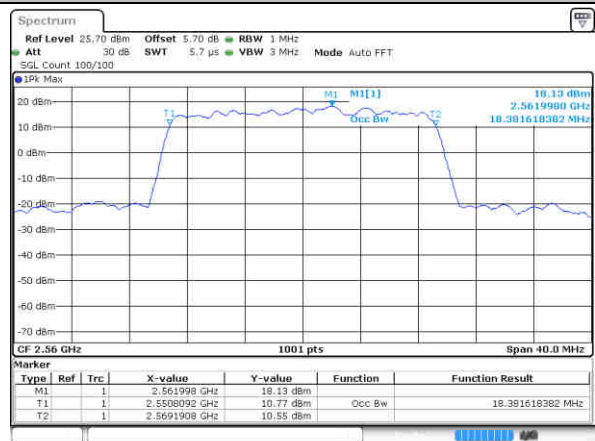
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



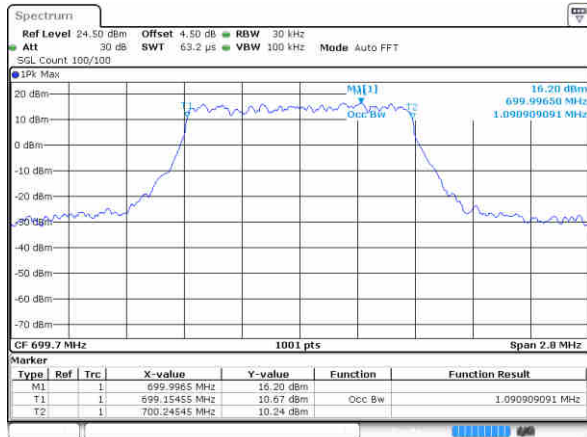
Highest Channel / 20MHz / 16QAM



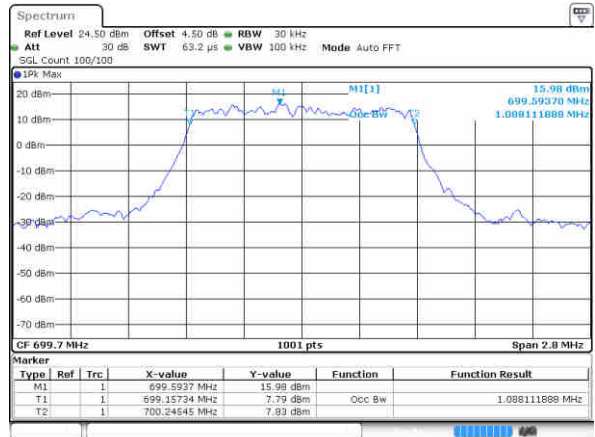


LTE Band 12

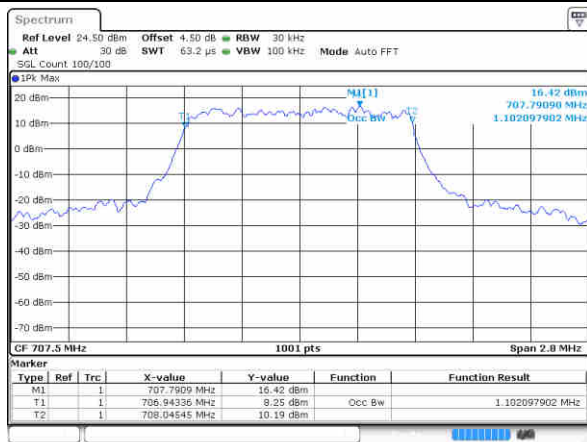
Lowest Channel / 1.4MHz / QPSK



Lowest Channel / 1.4MHz / 16QAM



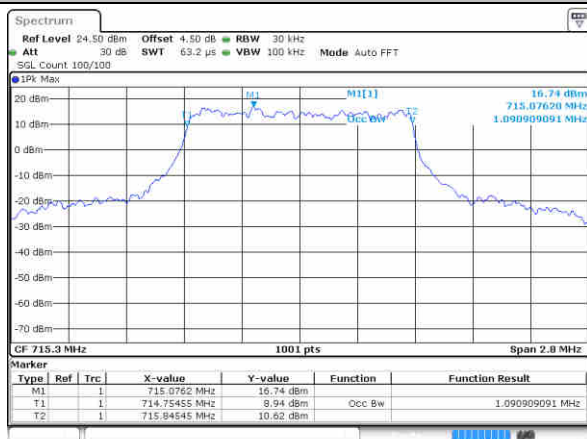
Middle Channel / 1.4MHz / QPSK



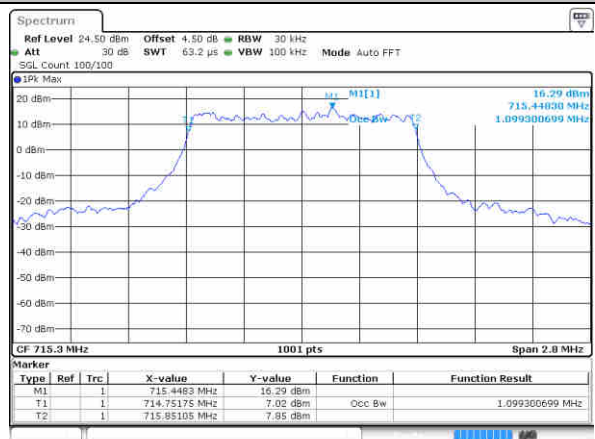
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



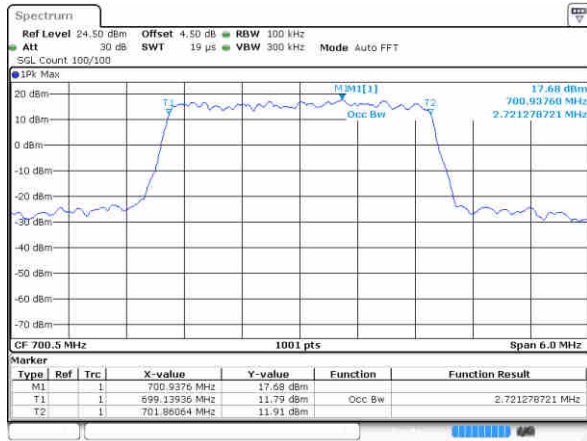
Highest Channel / 1.4MHz / 16QAM



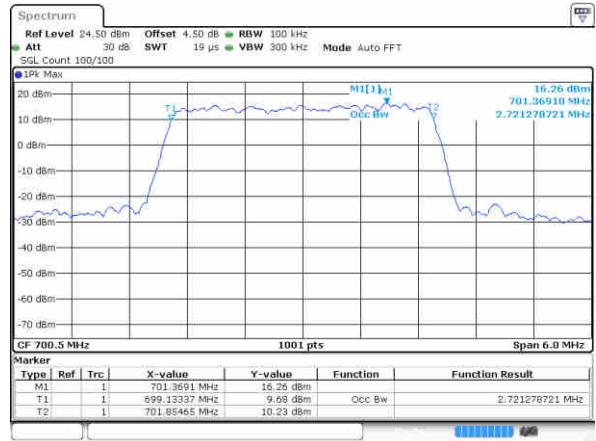


LTE Band 12

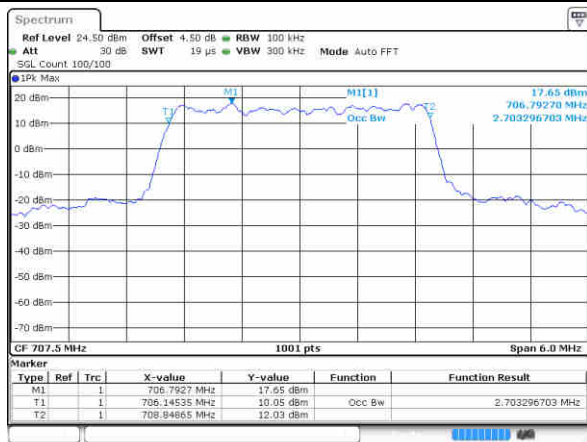
Lowest Channel / 3MHz / QPSK



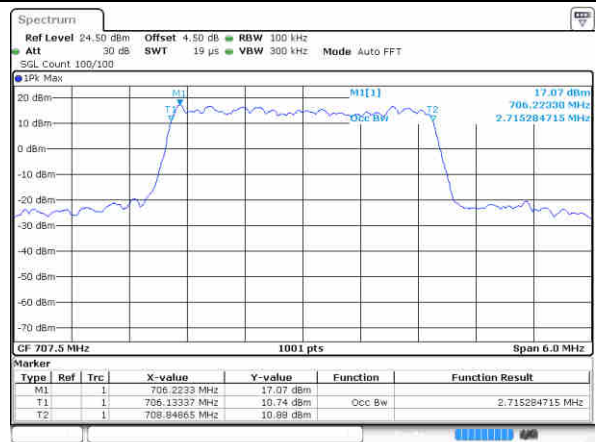
Lowest Channel / 3MHz / 16QAM



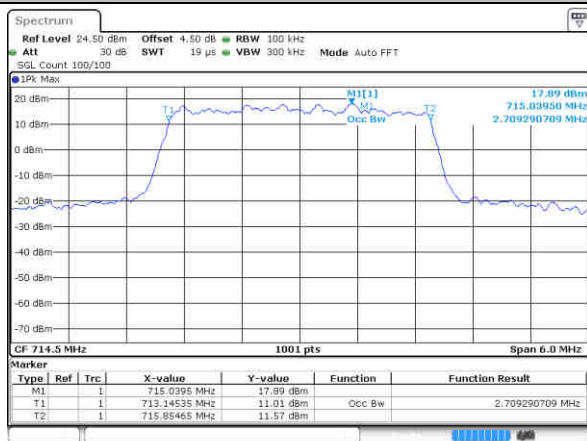
Middle Channel / 3MHz / QPSK



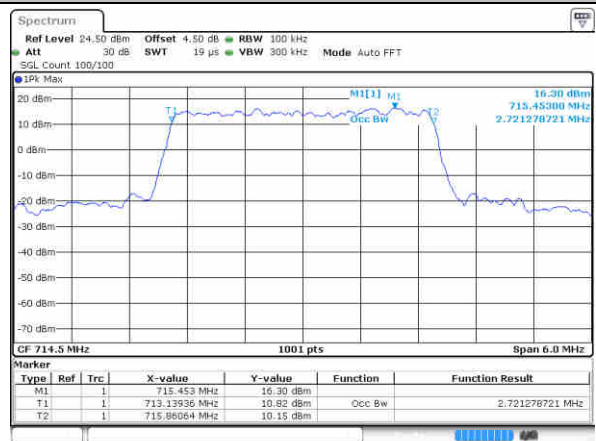
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



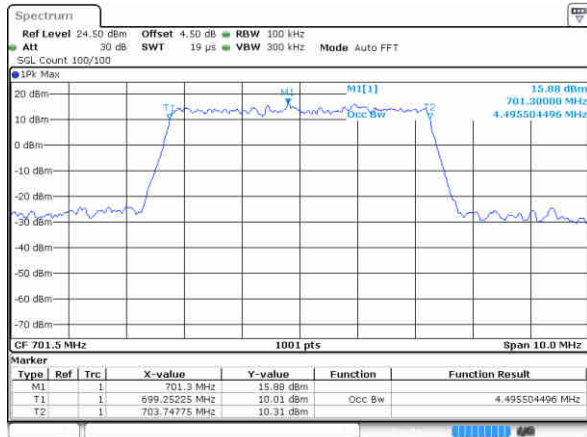
Highest Channel / 3MHz / 16QAM





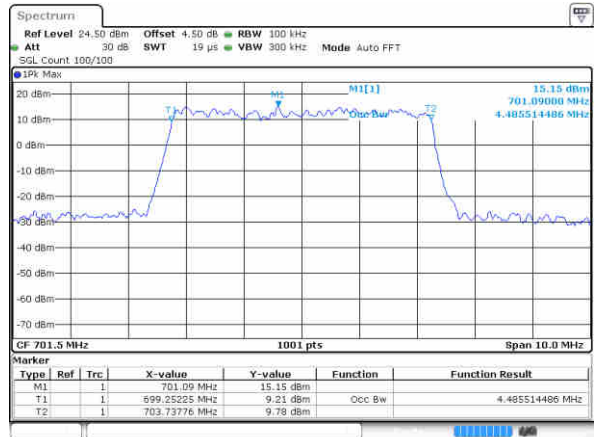
LTE Band 12

Lowest Channel / 5MHz / QPSK



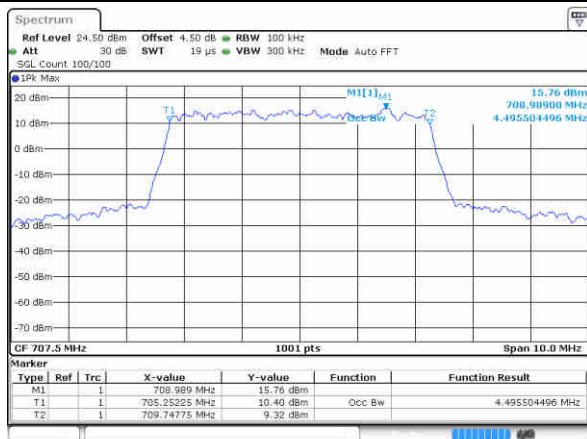
Date: 30 APR 2019 14:11:44

Lowest Channel / 5MHz / 16QAM



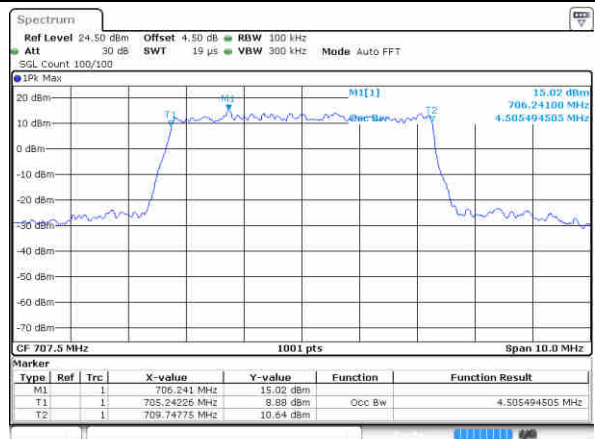
Date: 30 APR 2019 14:12:07

Middle Channel / 5MHz / QPSK



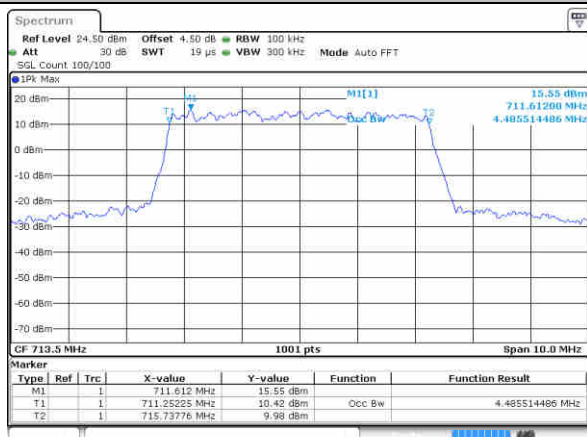
Date: 30 APR 2019 11:51:35

Middle Channel / 5MHz / 16QAM



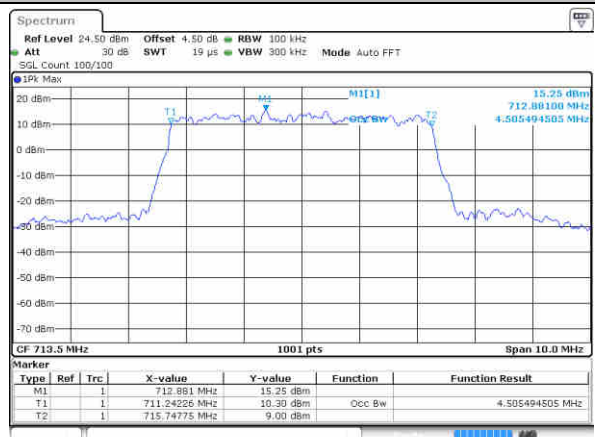
Date: 30 APR 2019 11:51:25

Highest Channel / 5MHz / QPSK



Date: 30 APR 2019 11:51:45

Highest Channel / 5MHz / 16QAM



Date: 30 APR 2019 11:51:55