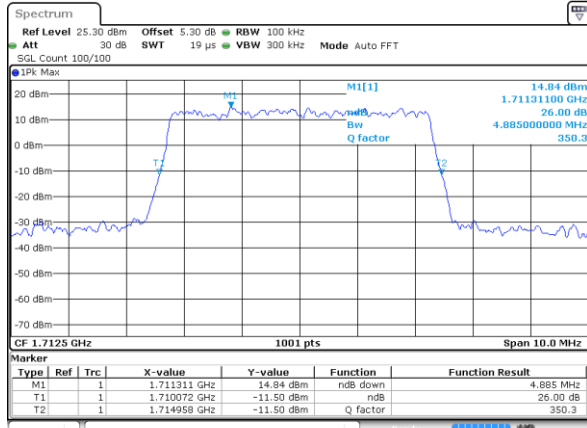




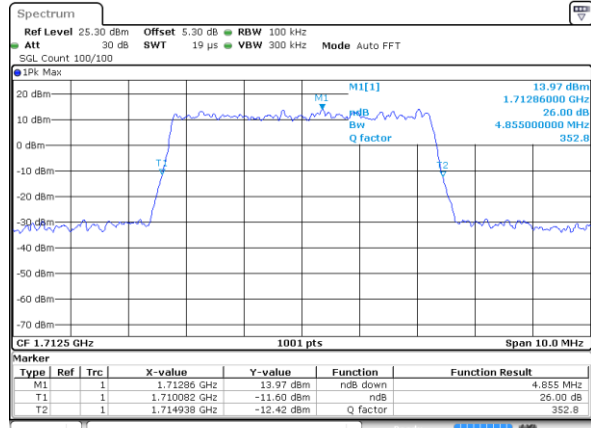
LTE Band 66

Lowest Channel / 5MHz / QPSK



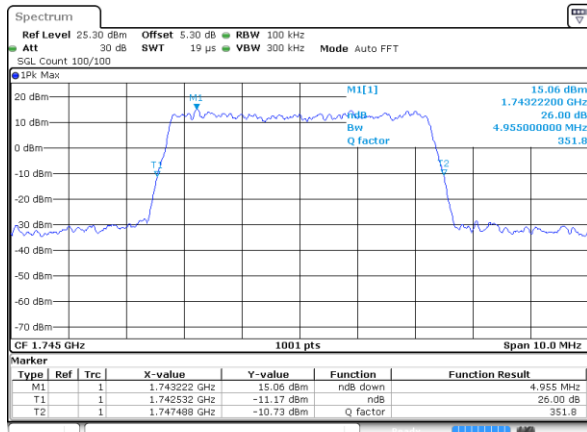
Date: 6 JUL 2017 21:53:56

Lowest Channel / 5MHz / 16QAM



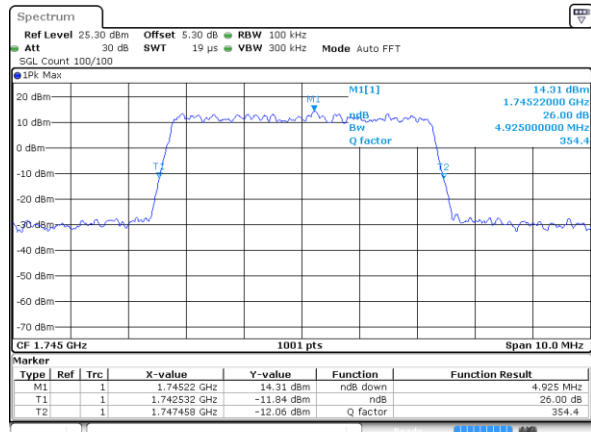
Date: 6 JUL 2017 21:54:15

Middle Channel / 5MHz / QPSK



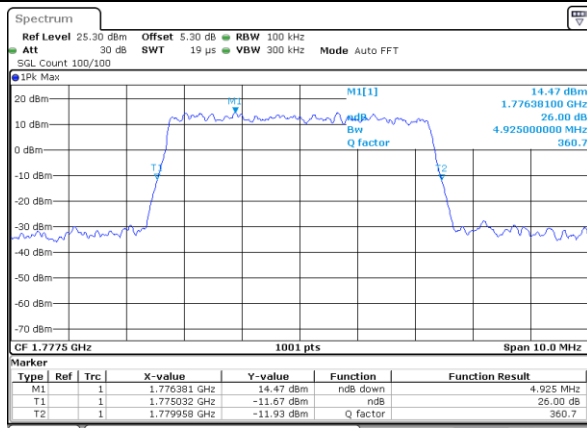
Date: 6 JUL 2017 22:17:28

Middle Channel / 5MHz / 16QAM



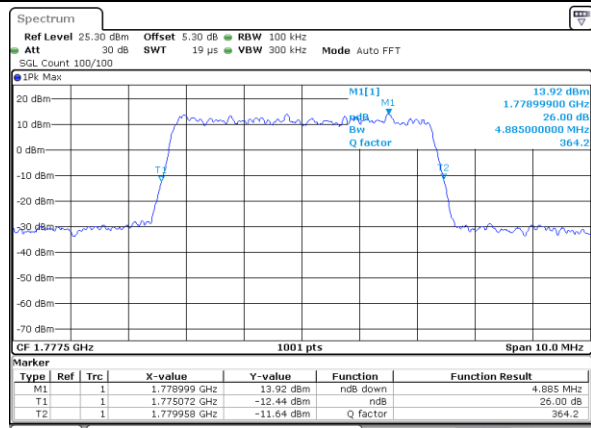
Date: 6 JUL 2017 22:17:08

Highest Channel / 5MHz / QPSK



Date: 6 JUL 2017 22:18:38

Highest Channel / 5MHz / 16QAM

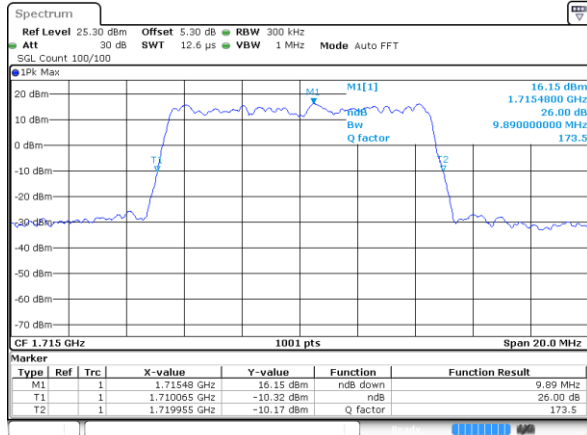


Date: 6 JUL 2017 22:19:20



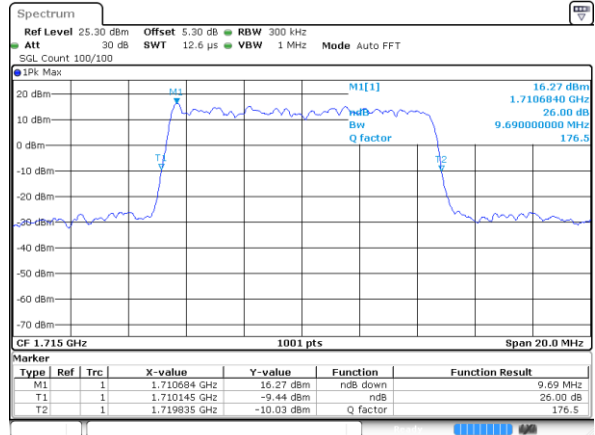
LTE Band 66

Lowest Channel / 10MHz / QPSK



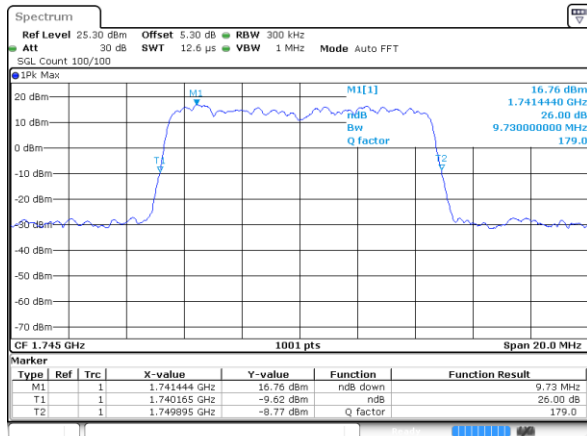
Date: 6 JUL 2017 22:23:37

Lowest Channel / 10MHz / 16QAM



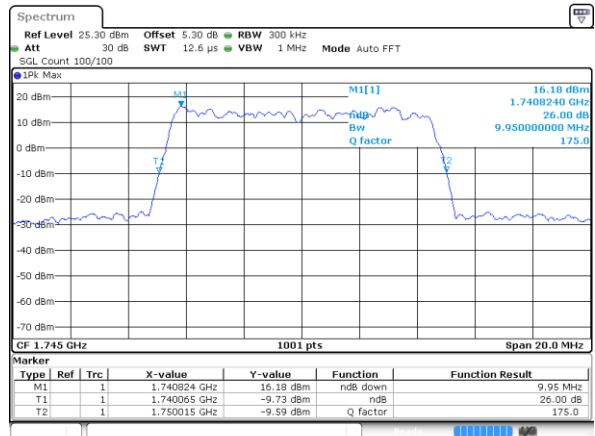
Date: 6 JUL 2017 22:24:11

Middle Channel / 10MHz / QPSK



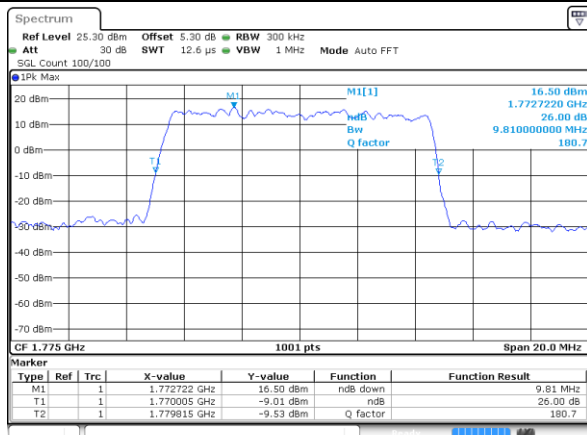
Date: 6 JUL 2017 22:30:58

Middle Channel / 10MHz / 16QAM



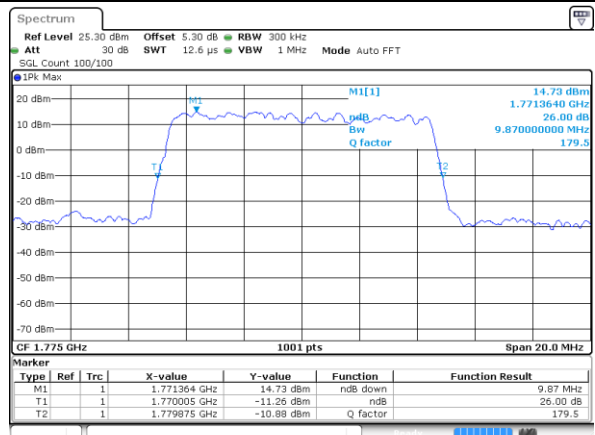
Date: 6 JUL 2017 22:30:38

Highest Channel / 10MHz / QPSK



Date: 6 JUL 2017 22:31:47

Highest Channel / 10MHz / 16QAM

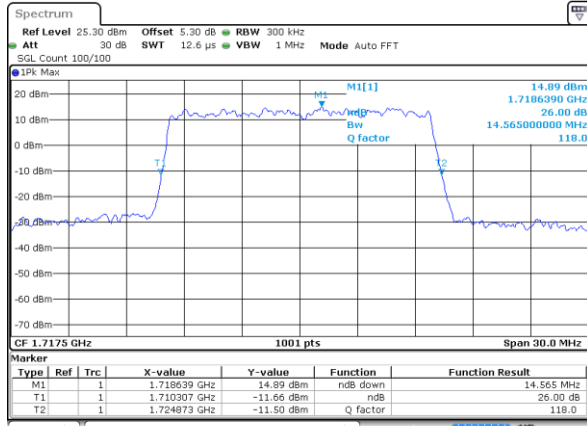


Date: 6 JUL 2017 22:32:10

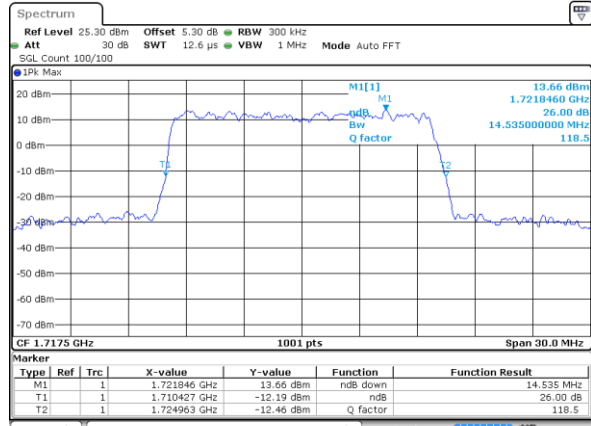


LTE Band 66

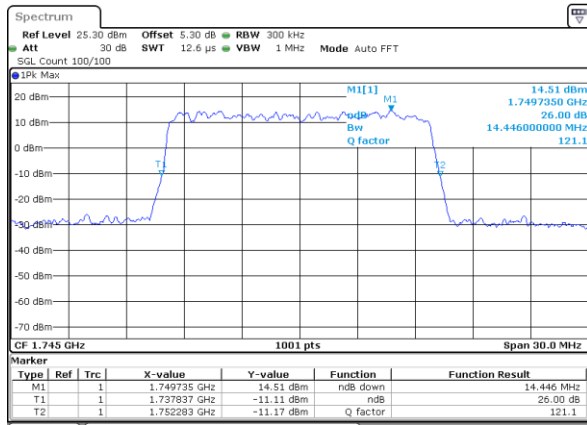
Lowest Channel / 15MHz / QPSK



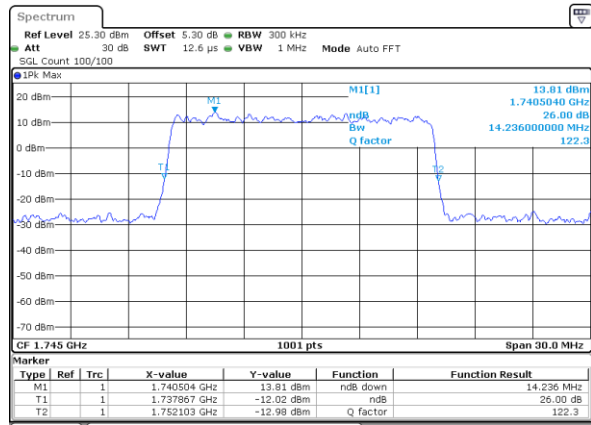
Lowest Channel / 15MHz / 16QAM



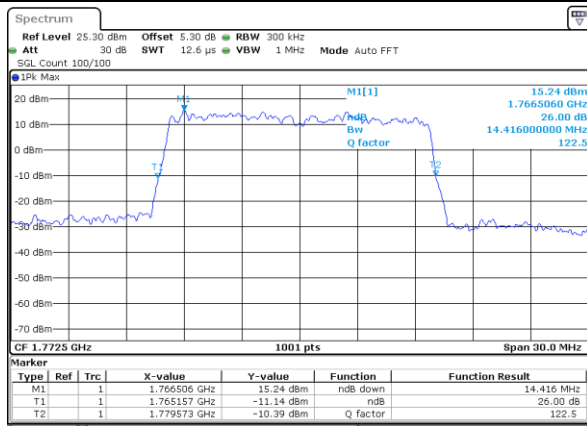
Middle Channel / 15MHz / QPSK



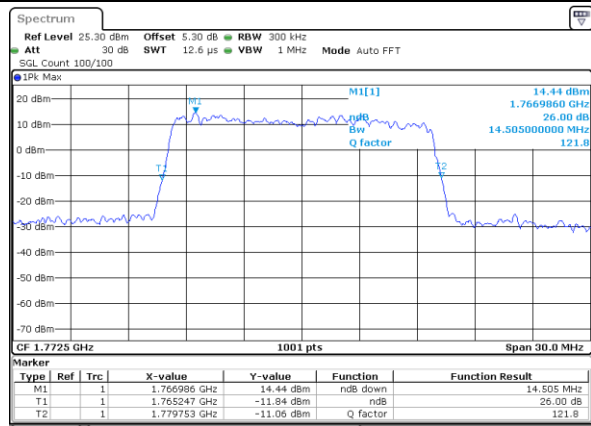
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



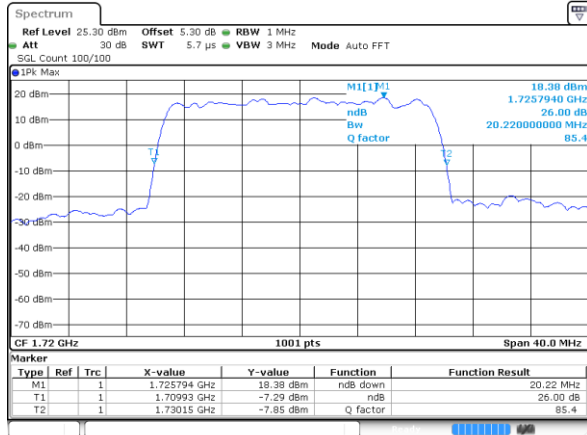
Highest Channel / 15MHz / 16QAM





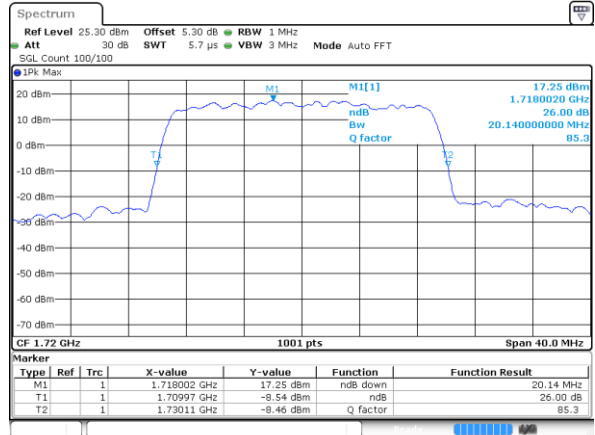
LTE Band 66

Lowest Channel / 20MHz / QPSK



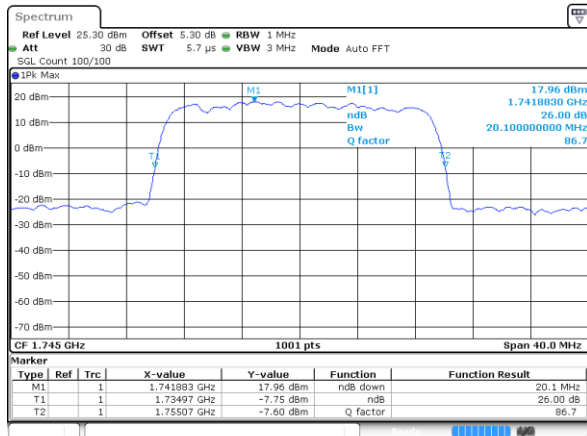
Date: 6 JUL 2017 22:50:57

Lowest Channel / 20MHz / 16QAM



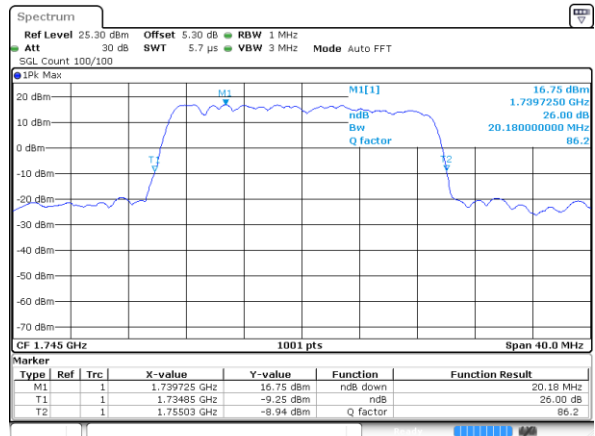
Date: 6 JUL 2017 22:51:21

Middle Channel / 20MHz / QPSK



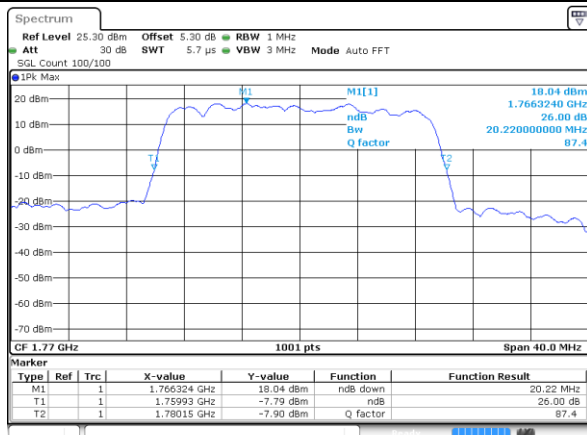
Date: 6 JUL 2017 22:59:48

Middle Channel / 20MHz / 16QAM



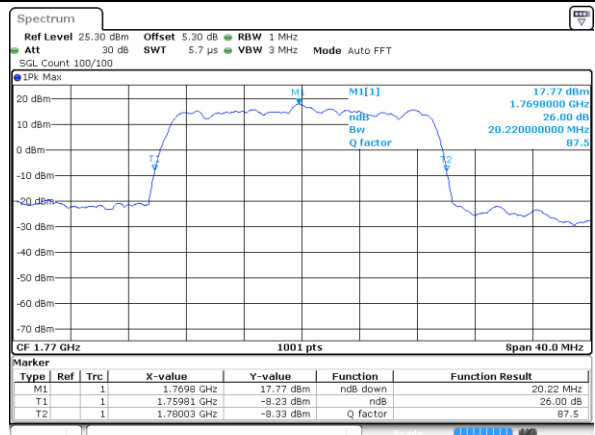
Date: 6 JUL 2017 22:59:27

Highest Channel / 20MHz / QPSK



Date: 6 JUL 2017 23:00:29

Highest Channel / 20MHz / 16QAM

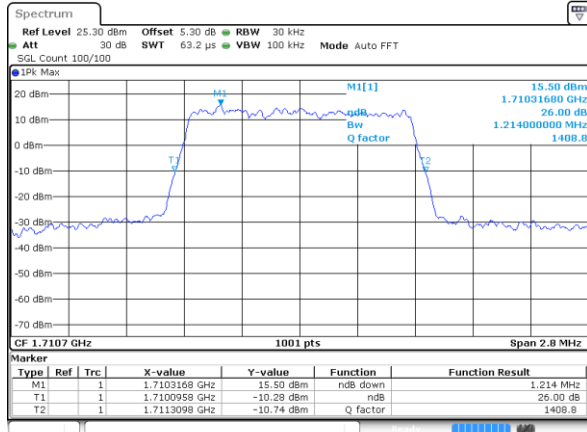


Date: 6 JUL 2017 23:00:57



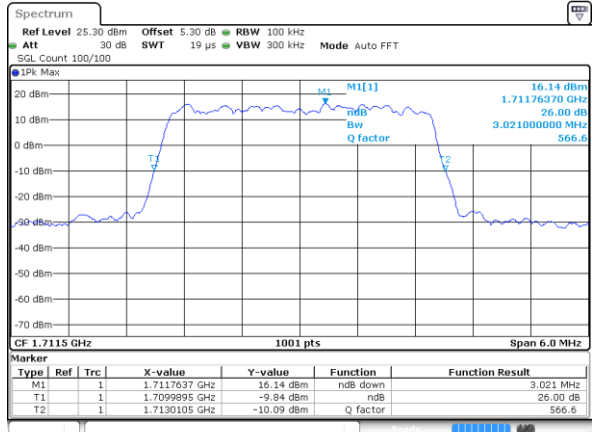
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



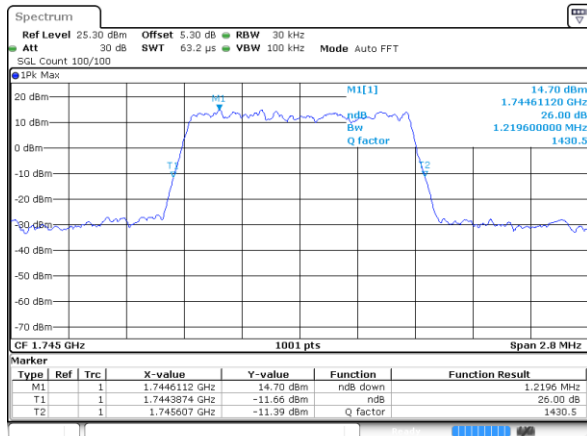
Date: 6 JUL 2017 21:22:00

Lowest Channel / 3MHz / 64QAM



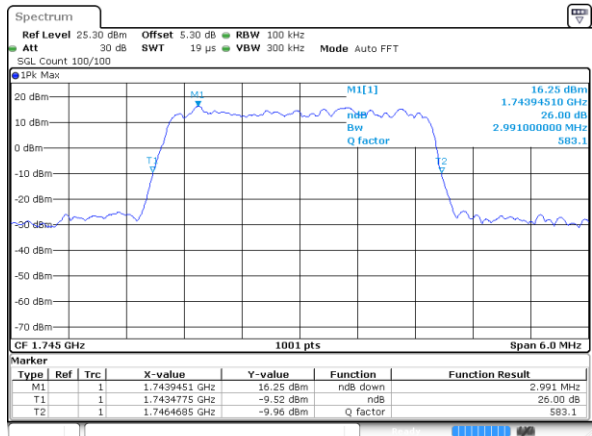
Date: 6 JUL 2017 21:40:46

Middle Channel / 1.4MHz / 64QAM



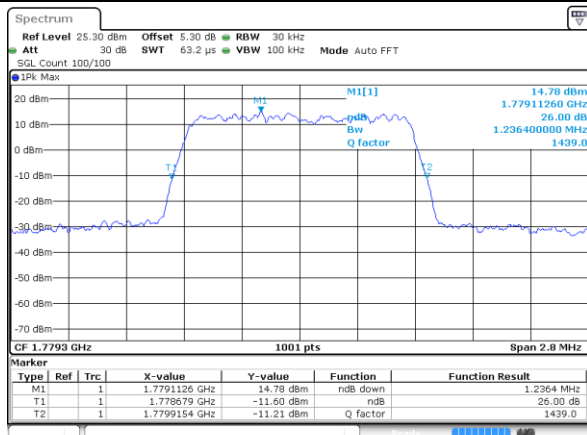
Date: 6 JUL 2017 21:34:41

Middle Channel / 3MHz / 64QAM



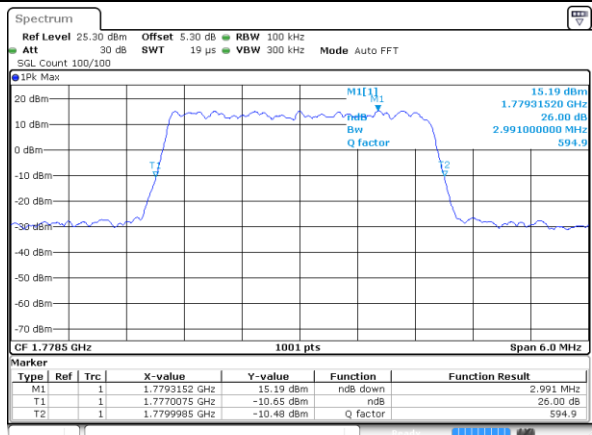
Date: 6 JUL 2017 21:41:23

Highest Channel / 1.4MHz / 64QAM



Date: 6 JUL 2017 21:31:36

Highest Channel / 3MHz / 64QAM

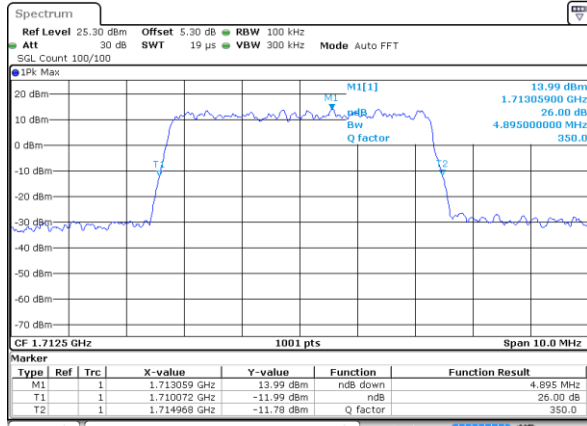


Date: 6 JUL 2017 21:48:58



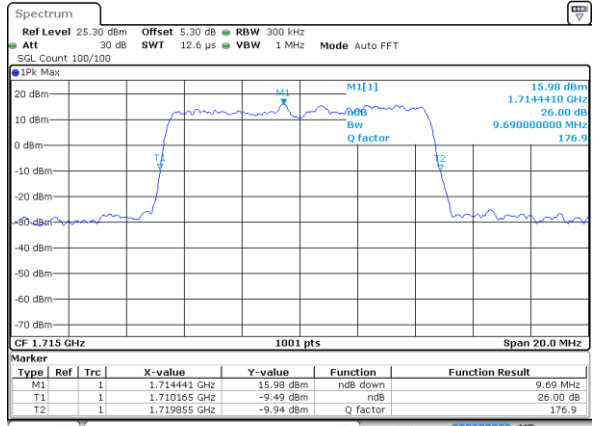
LTE Band 66

Lowest Channel / 5MHz / 64QAM



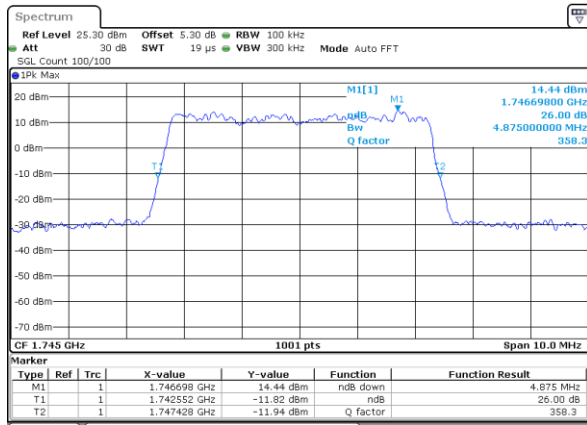
Date: 6 JUL 2017 21:55:15

Lowest Channel / 10MHz / 64QAM



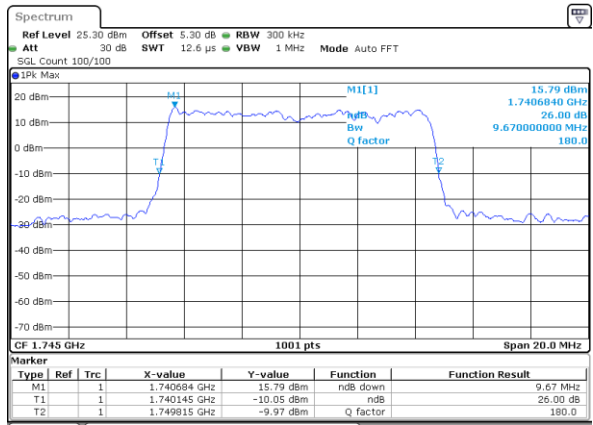
Date: 6 JUL 2017 22:24:44

Middle Channel / 5MHz / 64QAM



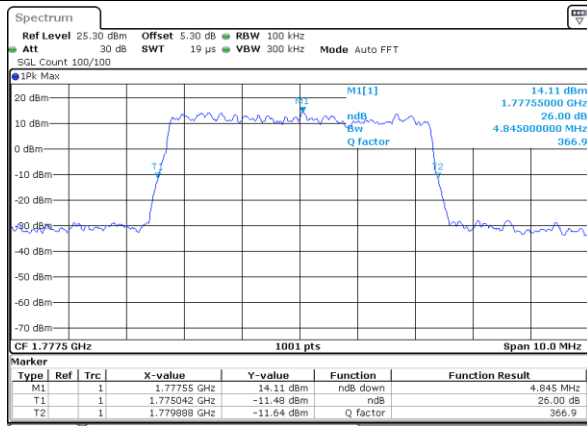
Date: 6 JUL 2017 22:16:44

Middle Channel / 10MHz / 64QAM



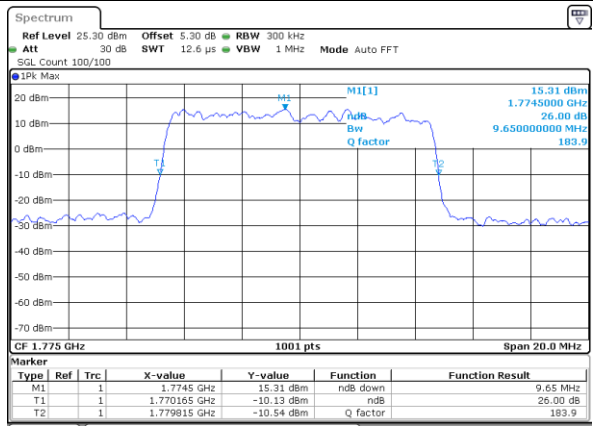
Date: 6 JUL 2017 22:30:19

Highest Channel / 5MHz / 64QAM



Date: 6 JUL 2017 22:19:53

Highest Channel / 10MHz / 64QAM

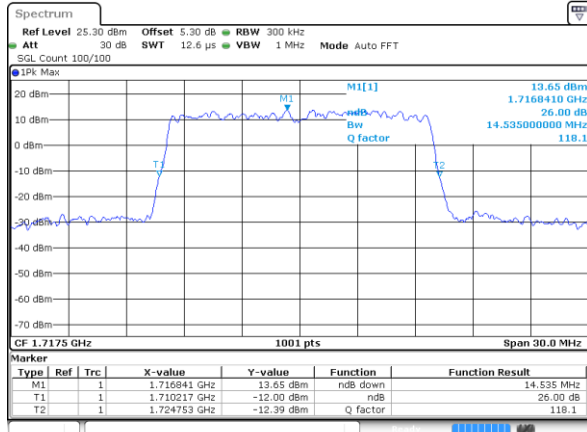


Date: 6 JUL 2017 22:32:52

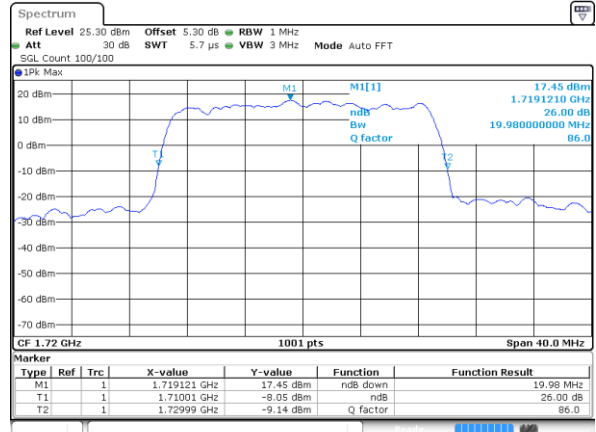


LTE Band 66

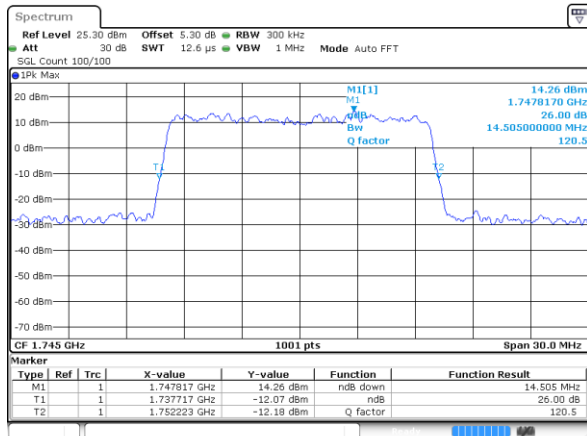
Lowest Channel / 15MHz / 64QAM



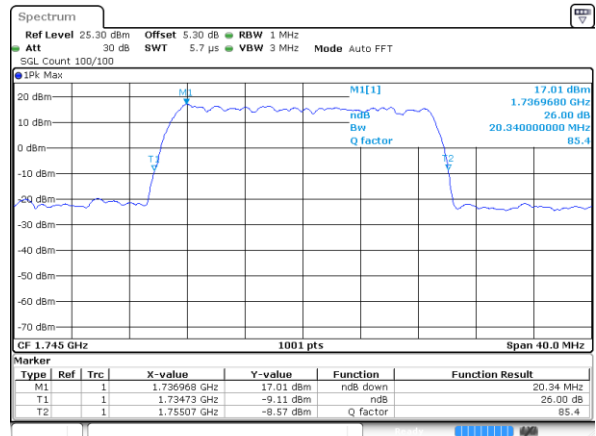
Lowest Channel / 20MHz / 64QAM



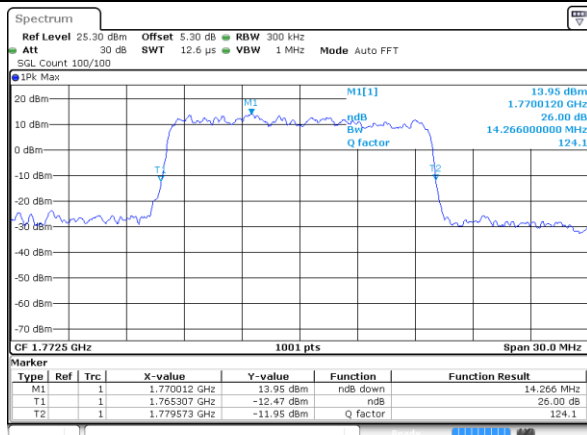
Middle Channel / 15MHz / 64QAM



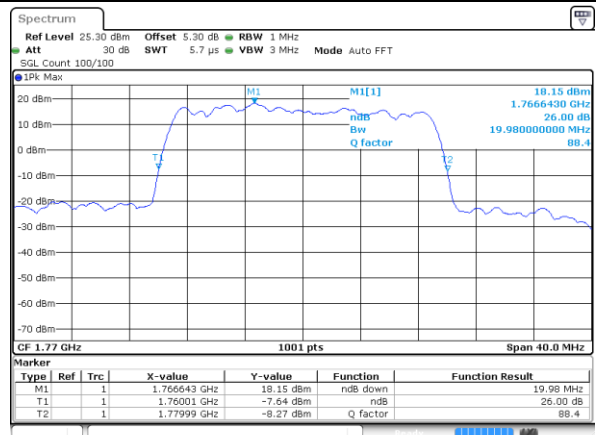
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM





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	1.08	1.10	2.72	2.71	4.49	4.51	9.05	9.01	13.46	13.52	18.42	18.50
Middle CH	1.10	1.08	2.70	2.73	4.51	4.49	8.99	9.01	13.40	13.43	18.26	18.30
Highest CH	1.09	1.09	2.72	2.74	4.49	4.50	9.03	9.03	13.52	13.40	18.26	18.34
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.48	8.99	13.49	18.46						
Middle CH	1.09	2.72	4.48	9.03	13.40	18.50						
Highest CH	1.09	2.72	4.48	9.07	13.40	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	2.73	4.47	4.50	8.99	9.09	13.40	13.40	18.18	18.34
Middle CH	1.08	1.10	2.72	2.72	4.49	4.51	9.05	8.99	13.52	13.43	18.38	18.26
Highest CH	1.09	1.09	2.73	2.72	4.49	4.48	9.01	9.07	13.43	13.46	18.42	18.30
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.49	8.99	13.43	18.46						
Middle CH	1.09	2.73	4.51	9.01	13.46	18.38						
Highest CH	1.09	2.73	4.51	9.01	13.40	18.50						

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.09	2.72	2.71	4.5	4.49	8.99	9.05	1.09	2.73	4.51	9.07
Middle CH	1.09	1.09	2.71	2.72	4.51	4.49	9.03	9.05	1.09	2.73	4.48	9.05
Highest CH	1.09	1.09	2.72	2.73	4.49	4.49	9.03	8.97	1.09	2.73	4.48	9.03

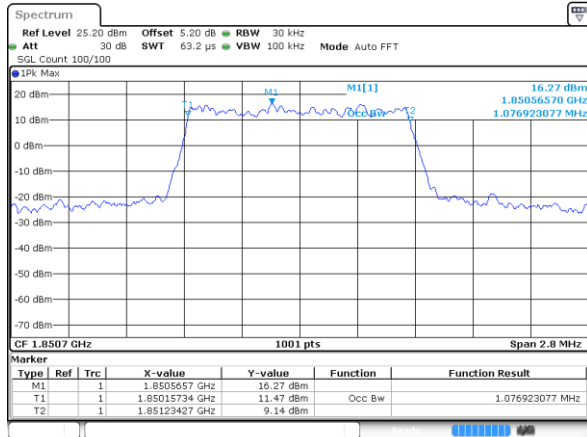


Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.49	4.50	9.05	9.01	13.43	13.46	18.38	18.26
Middle CH	1.09	1.09	2.73	2.71	4.49	4.49	9.03	9.05	13.52	13.43	18.42	18.30
Highest CH	1.10	1.09	2.72	2.70	4.51	4.49	9.03	9.05	13.46	13.37	18.34	18.18
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.72	4.51	9.11	13.43	18.34						
Middle CH	1.09	2.72	4.51	9.01	13.37	18.46						
Highest CH	1.08	2.72	4.47	9.05	13.43	18.06						

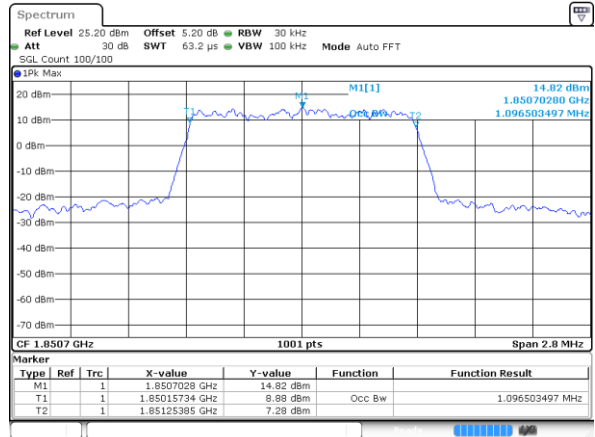


LTE Band 2

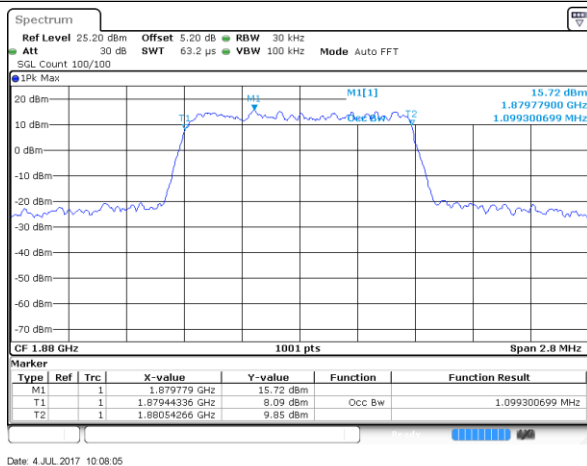
Lowest Channel / 1.4MHz / QPSK



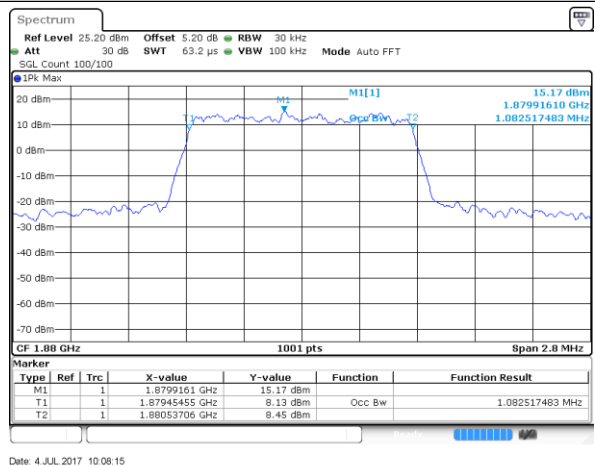
Lowest Channel / 1.4MHz / 16QAM



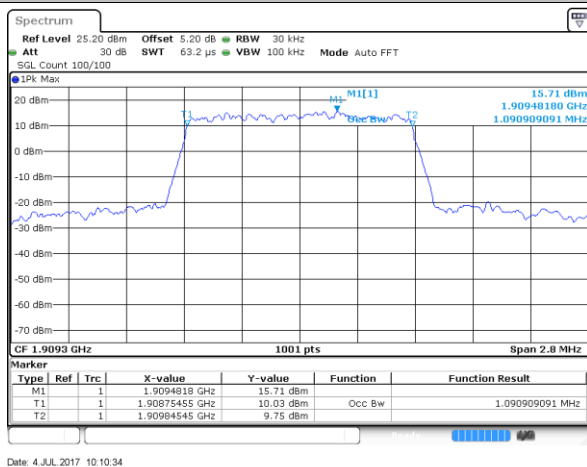
Middle Channel / 1.4MHz / QPSK



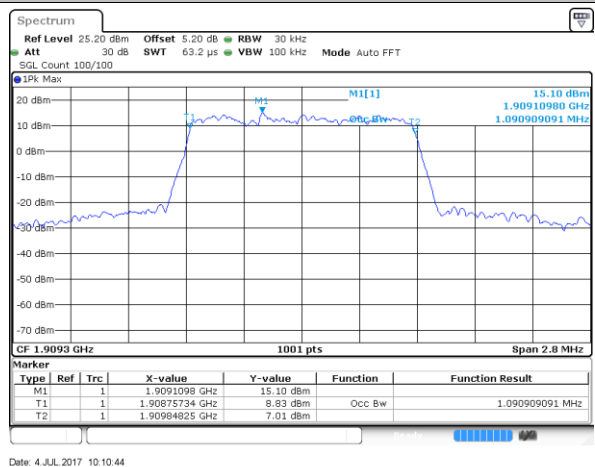
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



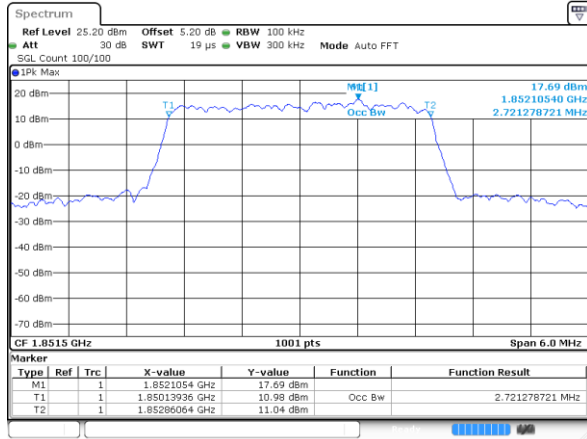
Highest Channel / 1.4MHz / 16QAM





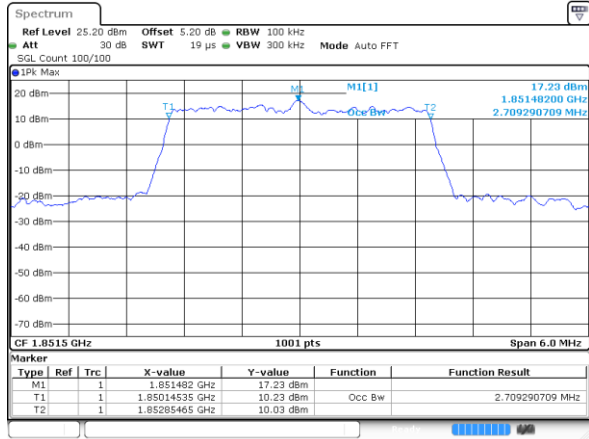
LTE Band 2

Lowest Channel / 3MHz / QPSK



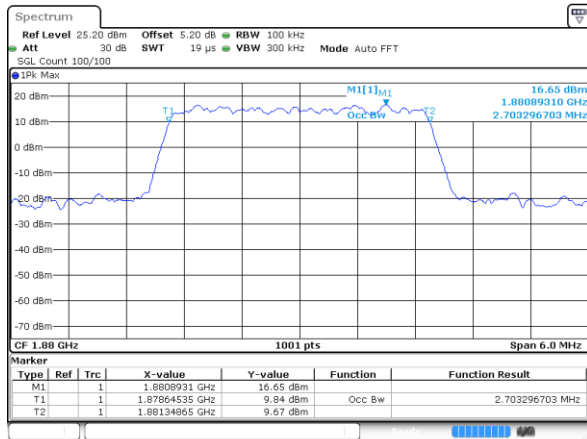
Date: 4 JUL 2017 10:17:32

Lowest Channel / 3MHz / 16QAM



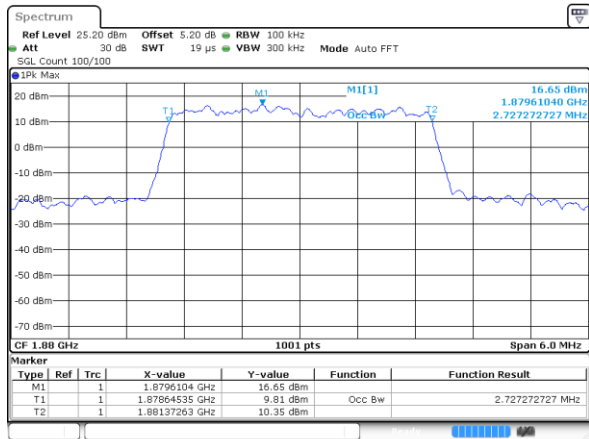
Date: 4 JUL 2017 10:17:42

Middle Channel / 3MHz / QPSK



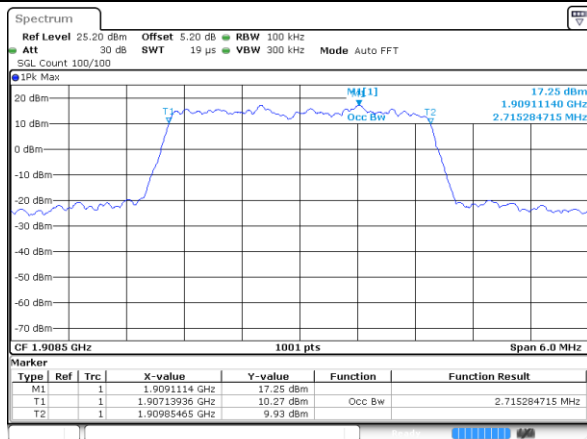
Date: 4 JUL 2017 10:24:30

Middle Channel / 3MHz / 16QAM



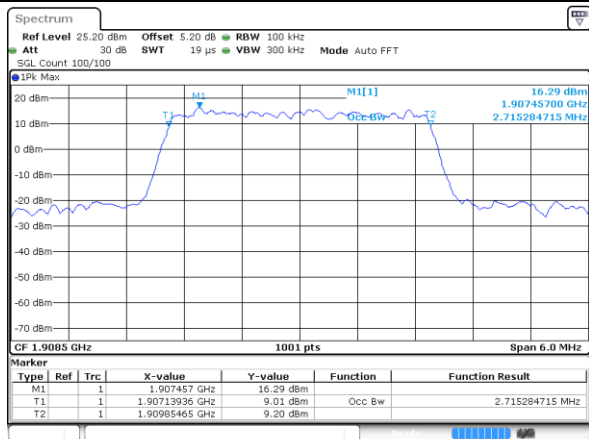
Date: 4 JUL 2017 10:24:40

Highest Channel / 3MHz / QPSK



Date: 4 JUL 2017 10:26:58

Highest Channel / 3MHz / 16QAM

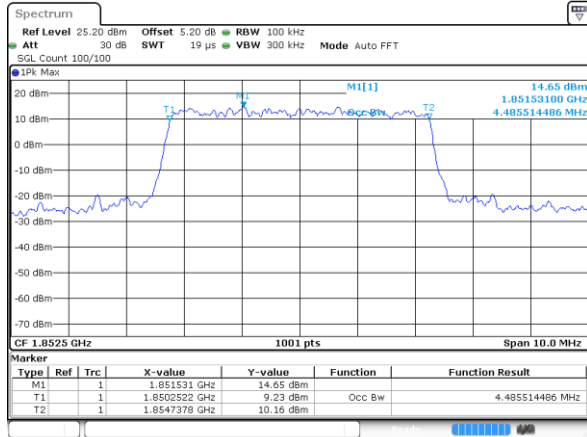


Date: 4 JUL 2017 10:27:08

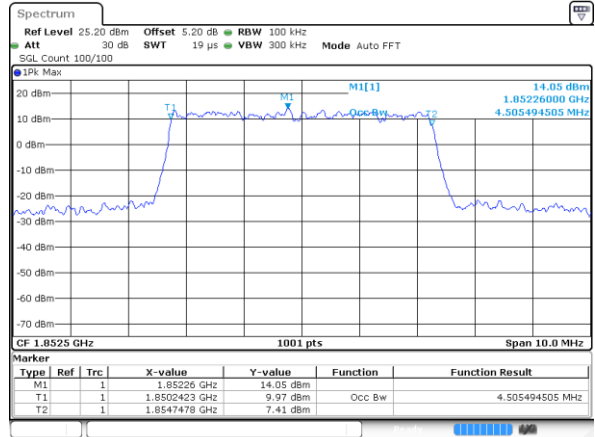


LTE Band 2

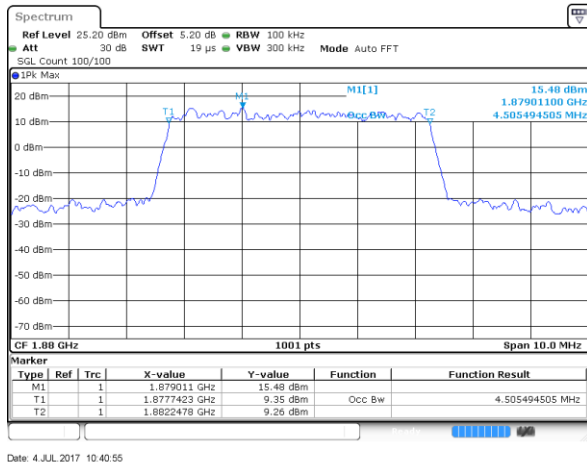
Lowest Channel / 5MHz / QPSK



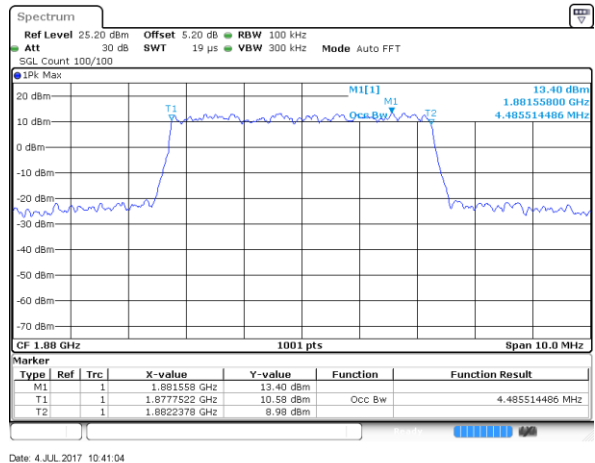
Lowest Channel / 5MHz / 16QAM



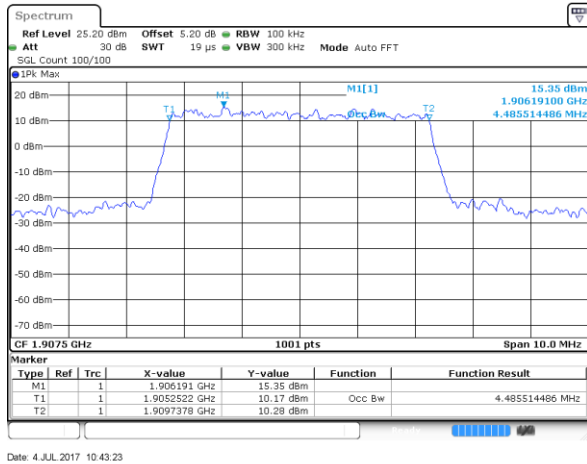
Middle Channel / 5MHz / QPSK



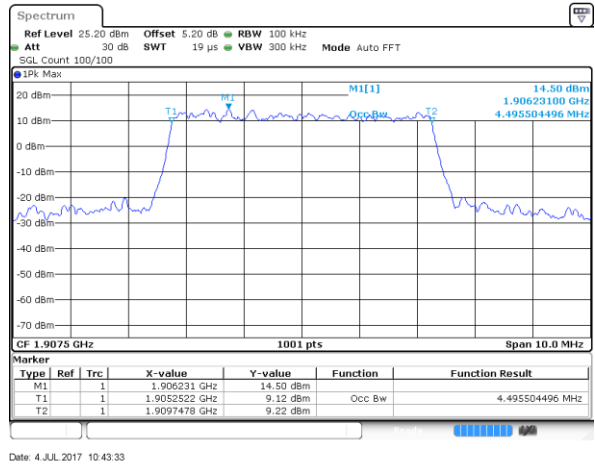
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



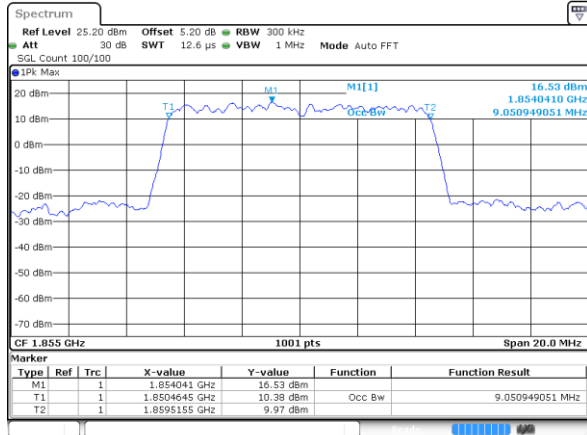
Highest Channel / 5MHz / 16QAM





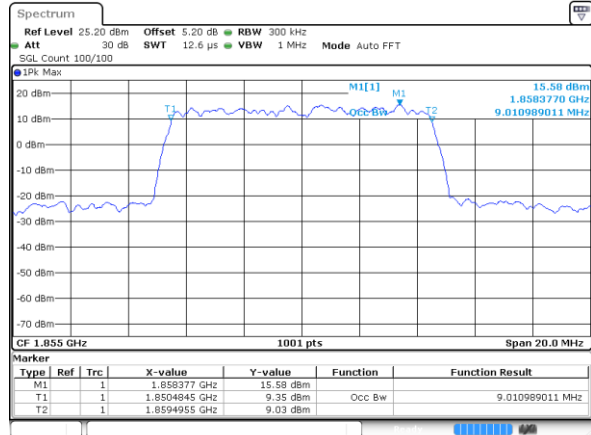
LTE Band 2

Lowest Channel / 10MHz / QPSK



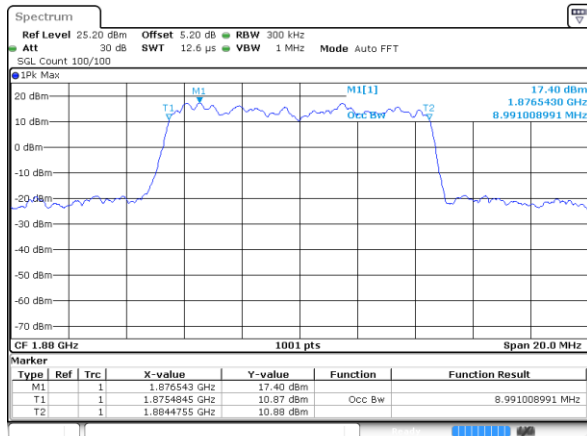
Date: 4 JUL 2017 10:50:21

Lowest Channel / 10MHz / 16QAM



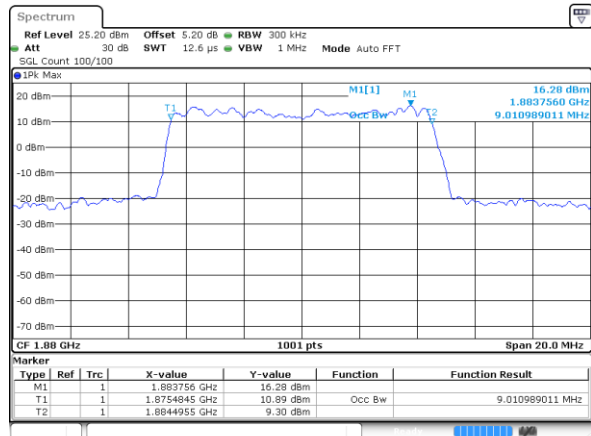
Date: 4 JUL 2017 10:50:31

Middle Channel / 10MHz / QPSK



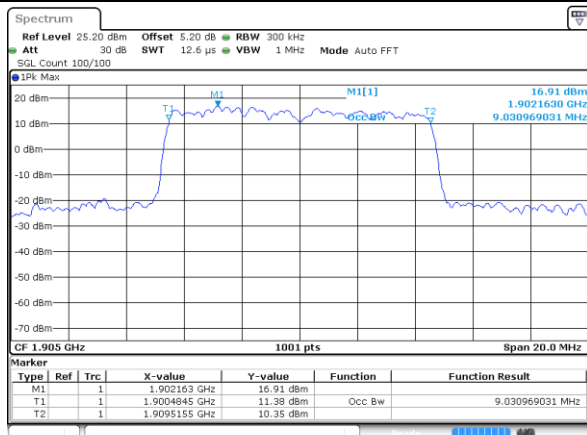
Date: 4 JUL 2017 10:57:19

Middle Channel / 10MHz / 16QAM



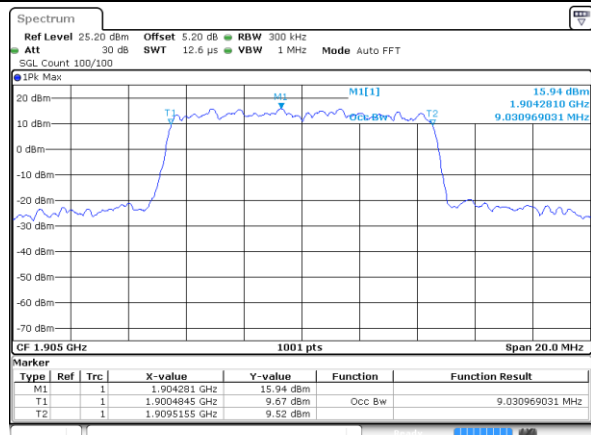
Date: 4 JUL 2017 10:57:29

Highest Channel / 10MHz / QPSK



Date: 4 JUL 2017 10:59:48

Highest Channel / 10MHz / 16QAM

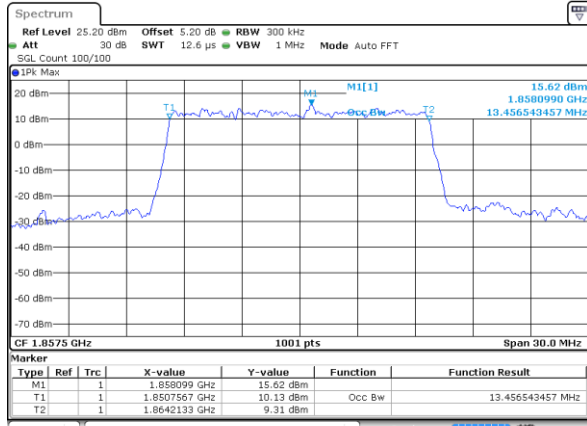


Date: 4 JUL 2017 10:59:58



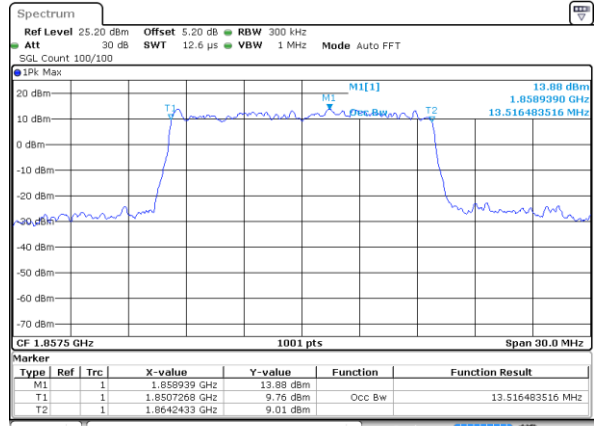
LTE Band 2

Lowest Channel / 15MHz / QPSK



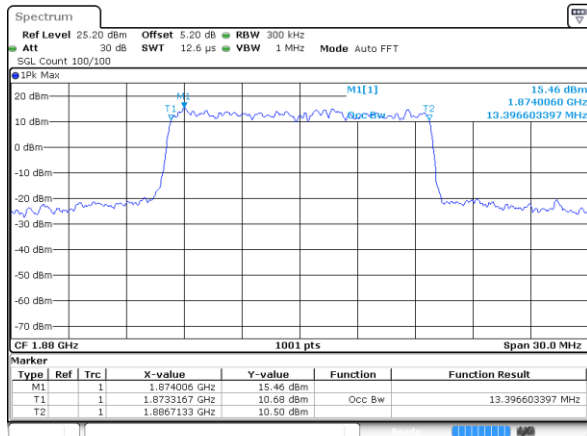
Date: 4 JUL 2017 11:06:46

Lowest Channel / 15MHz / 16QAM



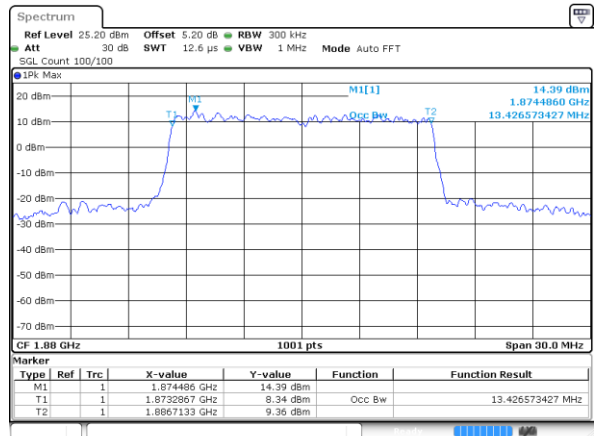
Date: 4 JUL 2017 11:06:56

Middle Channel / 15MHz / QPSK



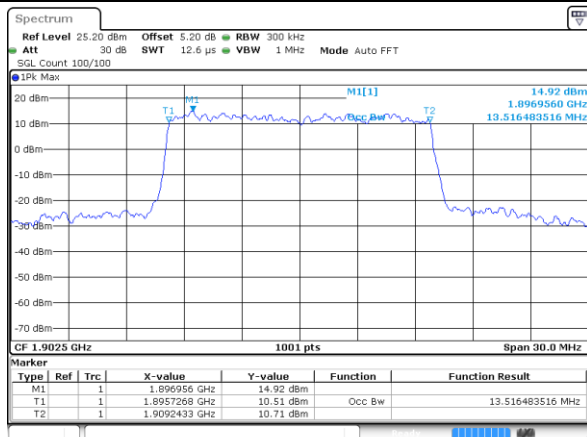
Date: 4 JUL 2017 11:13:44

Middle Channel / 15MHz / 16QAM



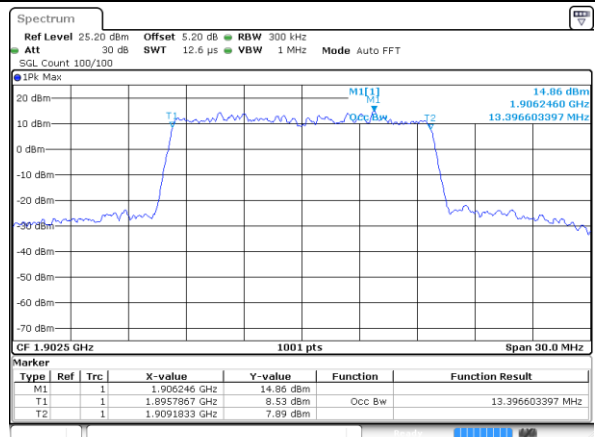
Date: 4 JUL 2017 11:13:53

Highest Channel / 15MHz / QPSK



Date: 4 JUL 2017 11:16:12

Highest Channel / 15MHz / 16QAM

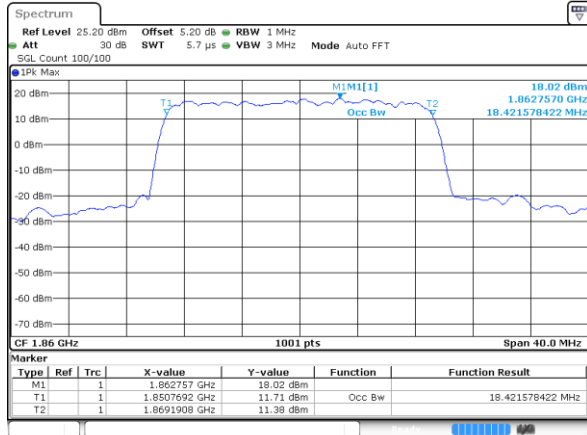


Date: 4 JUL 2017 11:16:22

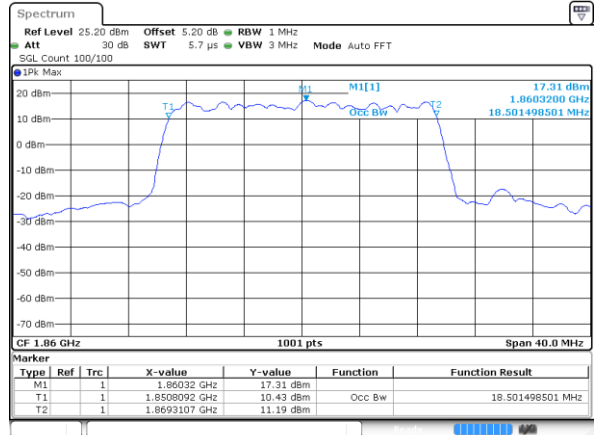


LTE Band 2

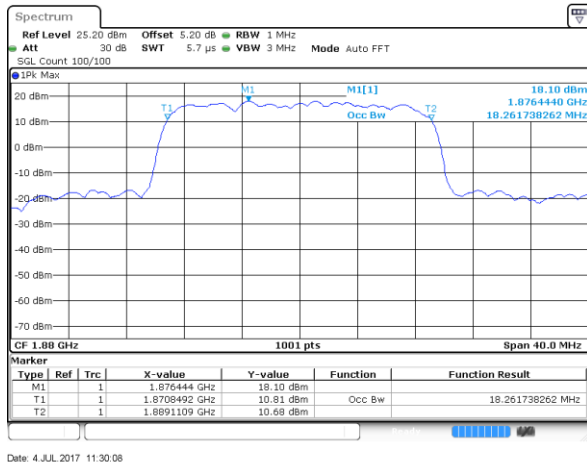
Lowest Channel / 20MHz / QPSK



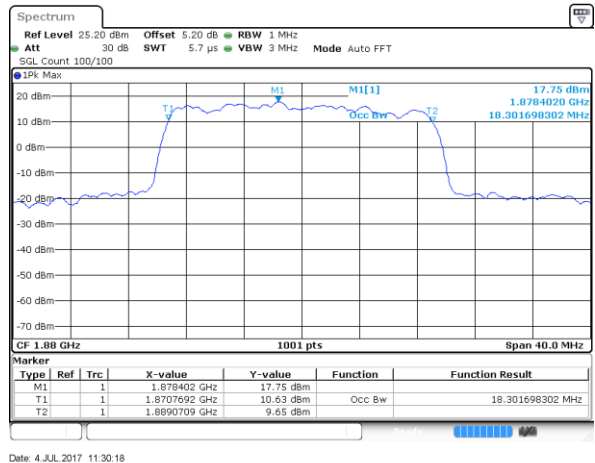
Lowest Channel / 20MHz / 16QAM



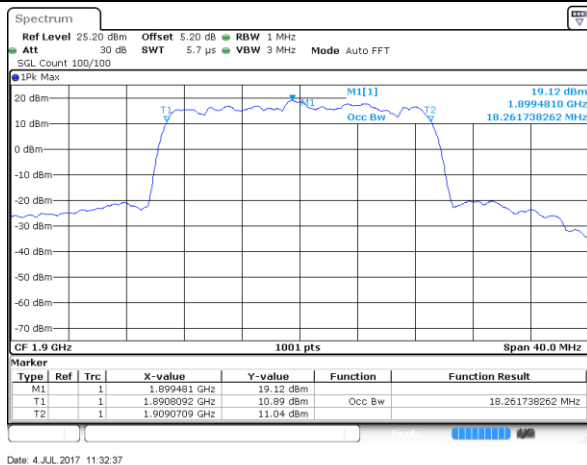
Middle Channel / 20MHz / QPSK



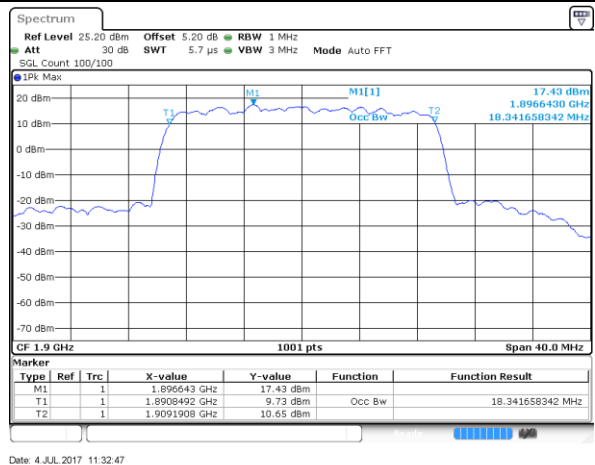
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



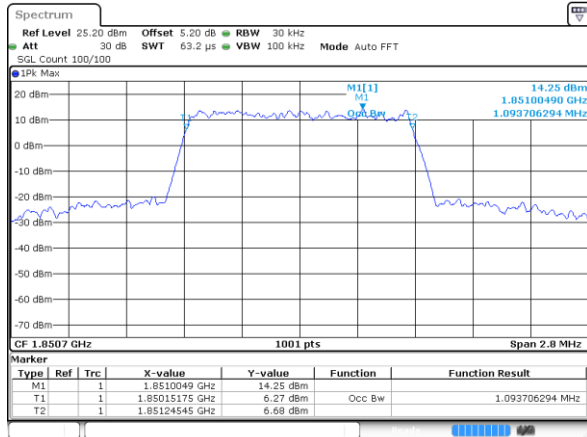
Highest Channel / 20MHz / 16QAM



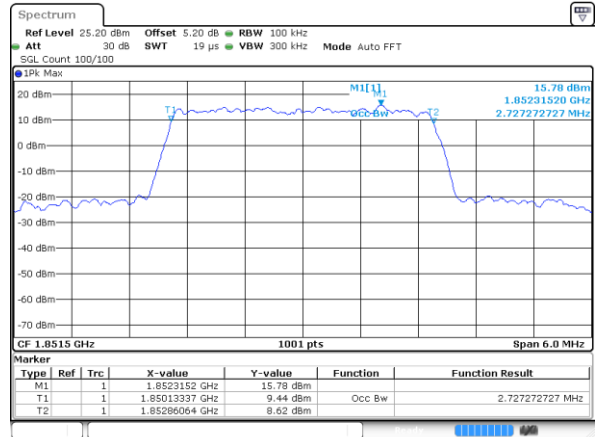


LTE Band 2

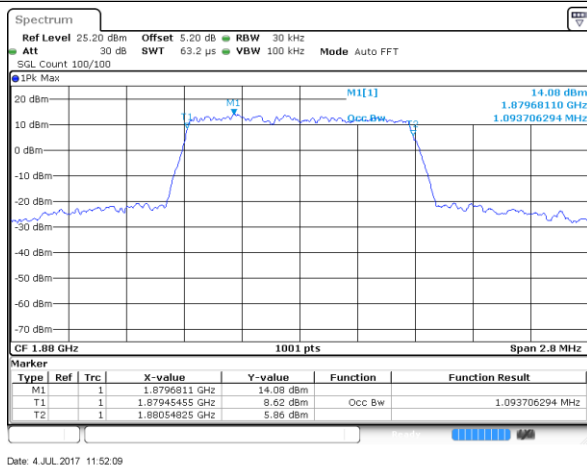
Lowest Channel / 1.4MHz / 64QAM



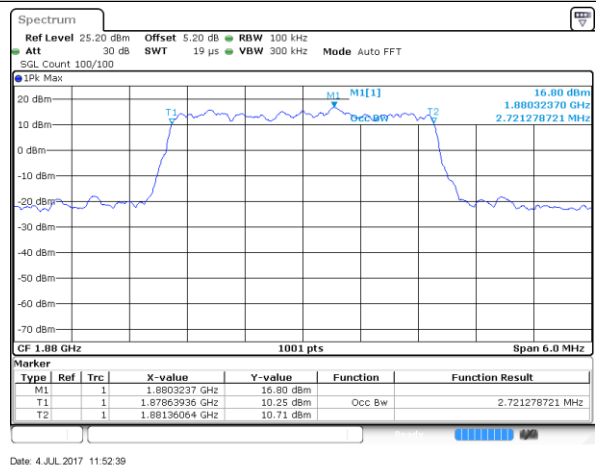
Lowest Channel / 3MHz / 64QAM



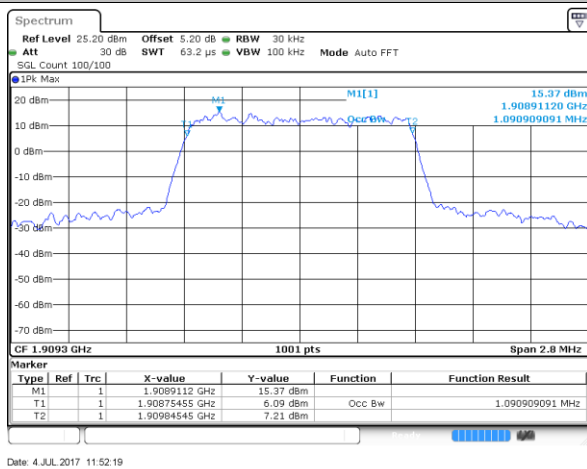
Middle Channel / 1.4MHz / 64QAM



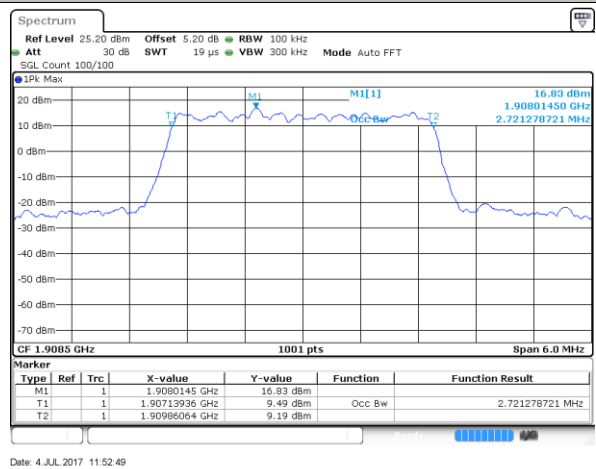
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



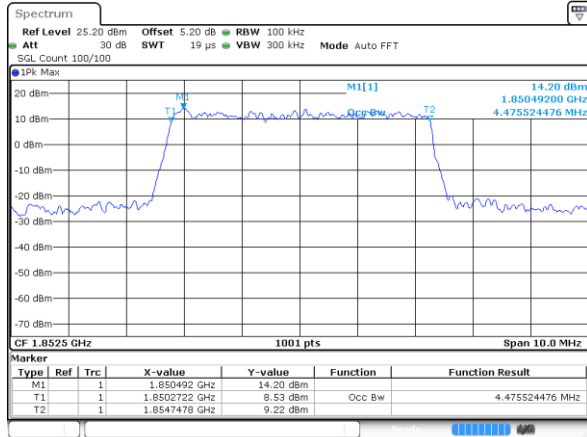
Highest Channel / 3MHz / 64QAM



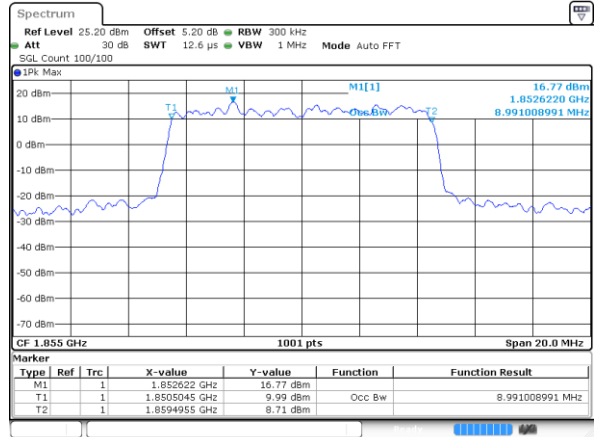


LTE Band 2

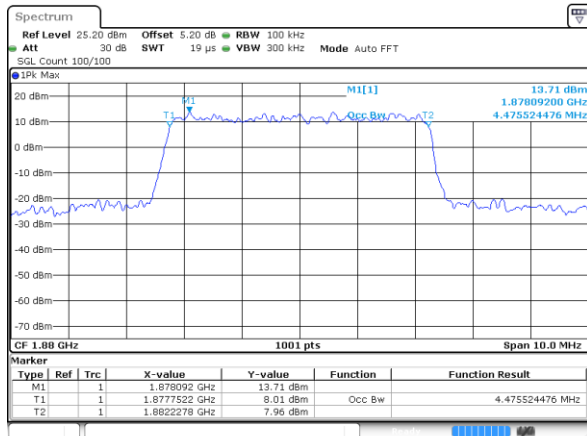
Lowest Channel / 5MHz / 64QAM



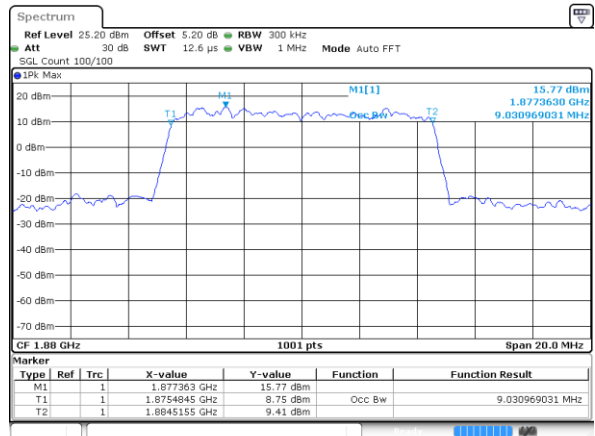
Lowest Channel / 10MHz / 64QAM



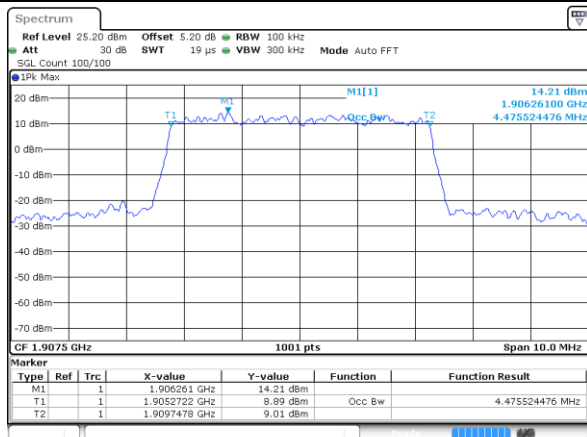
Middle Channel / 5MHz / 64QAM



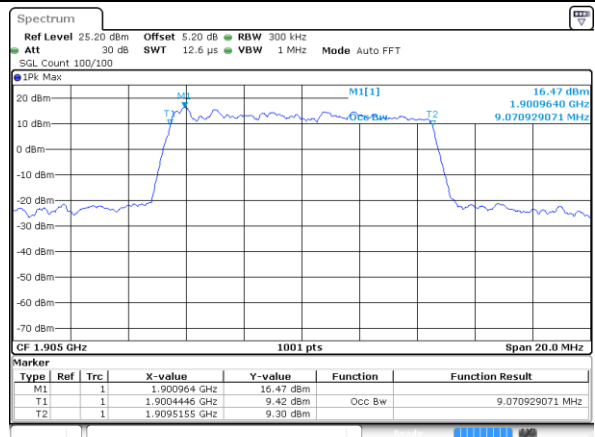
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



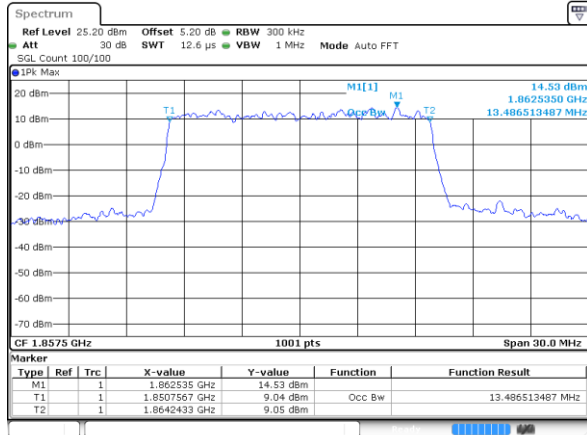
Highest Channel / 10MHz / 64QAM



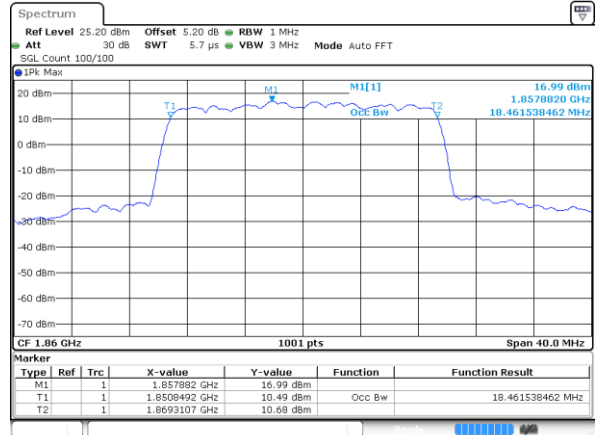


LTE Band 2

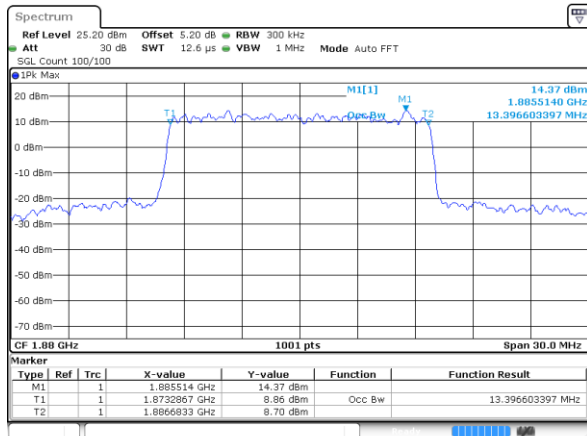
Lowest Channel / 15MHz / 64QAM



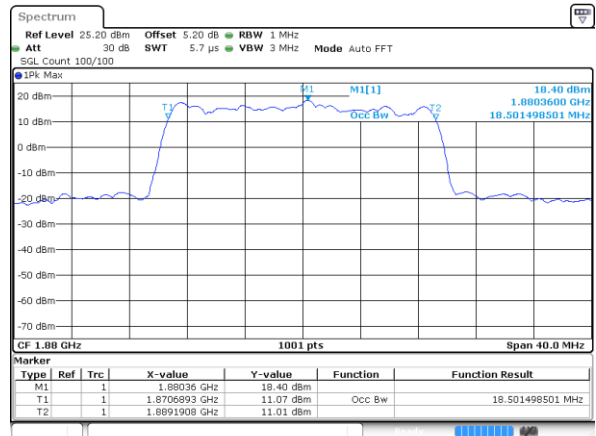
Lowest Channel / 20MHz / 64QAM



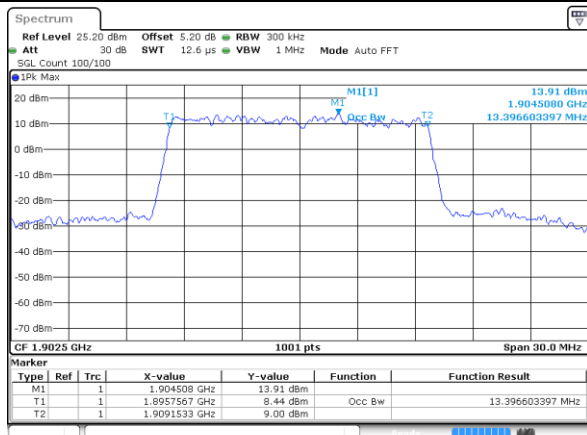
Middle Channel / 15MHz / 64QAM



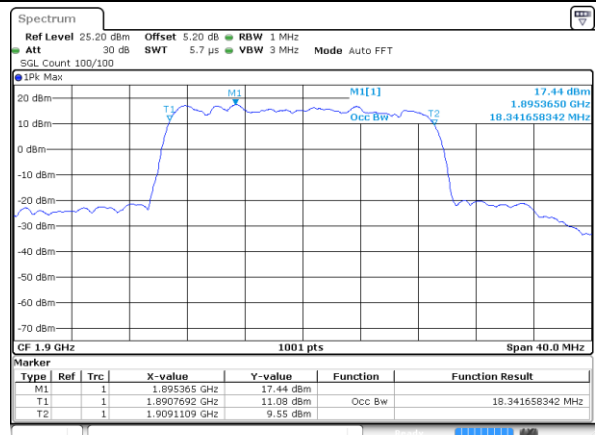
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



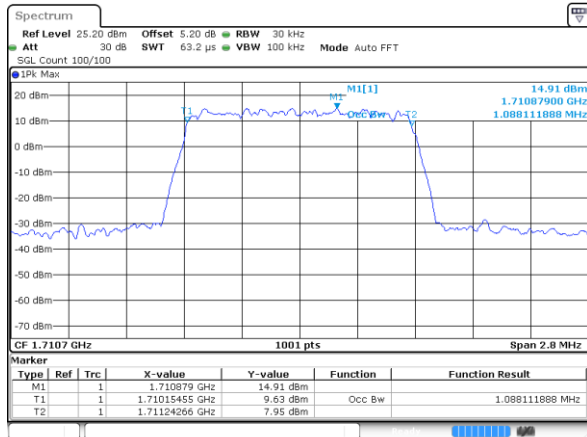
Highest Channel / 20MHz / 64QAM



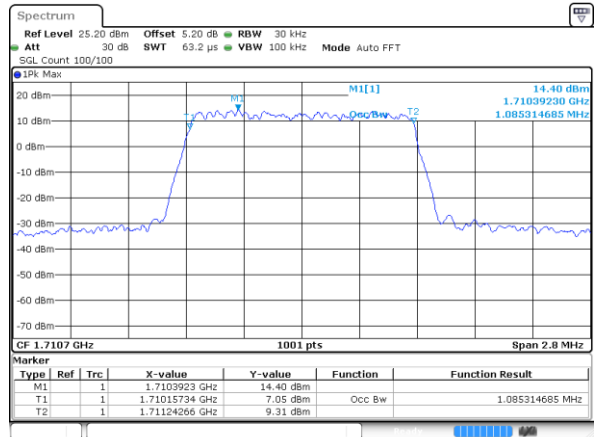


LTE Band 4

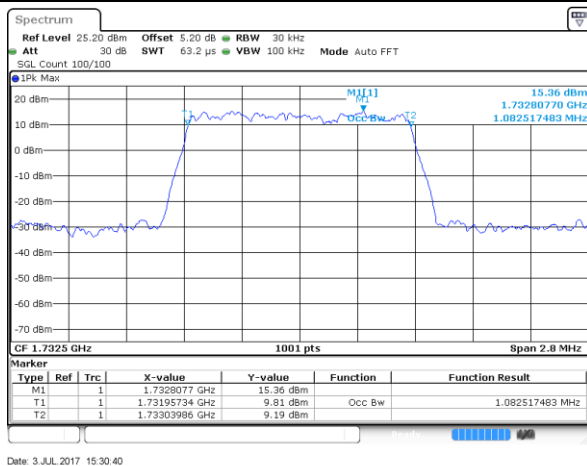
Lowest Channel / 1.4MHz / QPSK



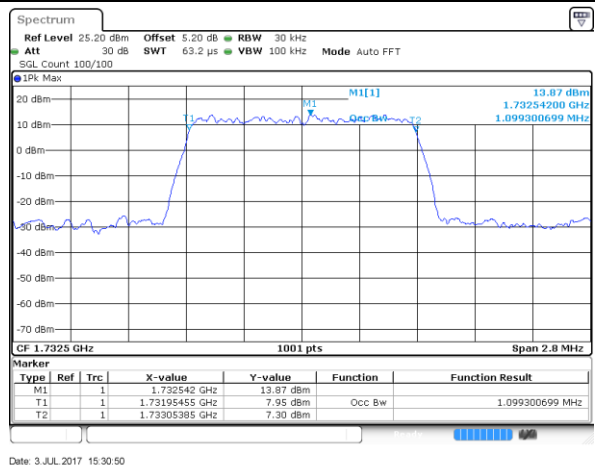
Lowest Channel / 1.4MHz / 16QAM



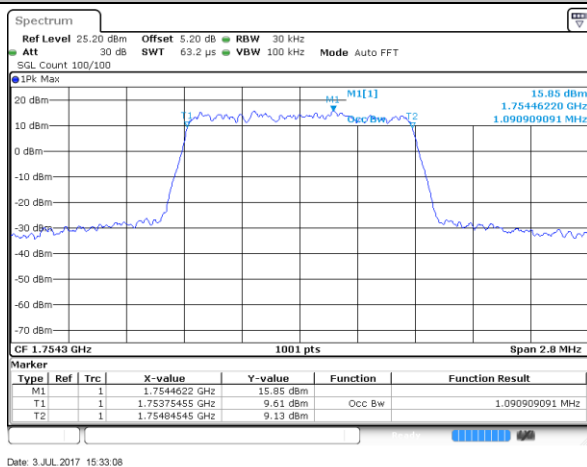
Middle Channel / 1.4MHz / QPSK



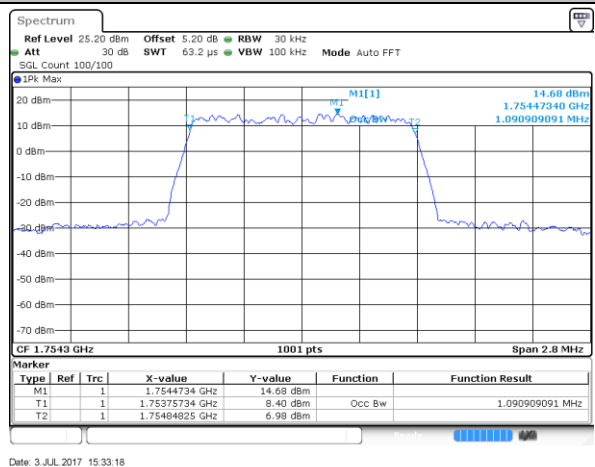
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



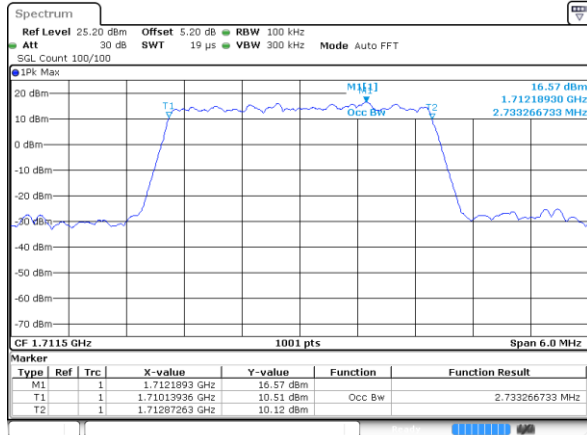
Highest Channel / 1.4MHz / 16QAM



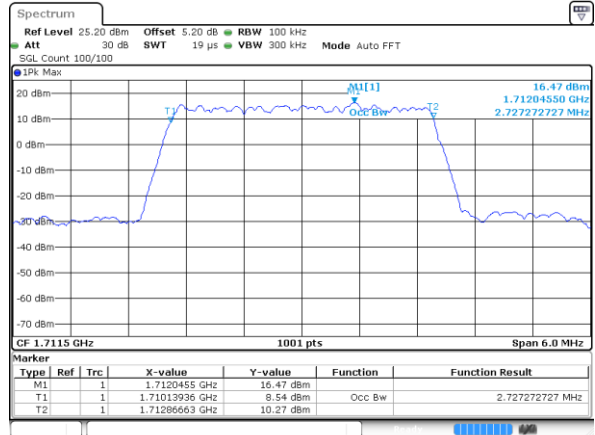


LTE Band 4

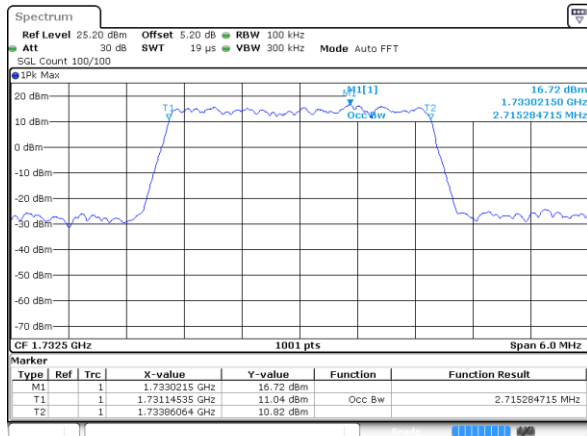
Lowest Channel / 3MHz / QPSK



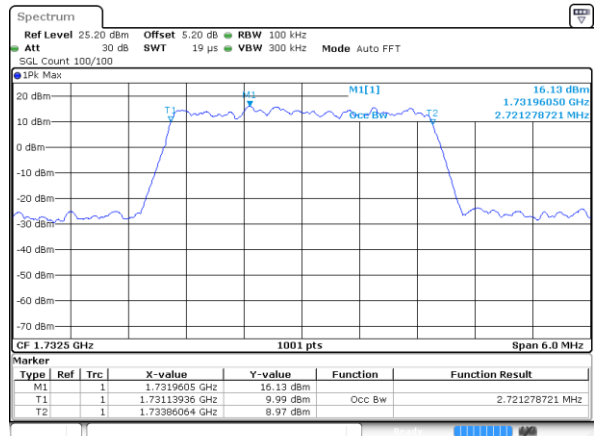
Lowest Channel / 3MHz / 16QAM



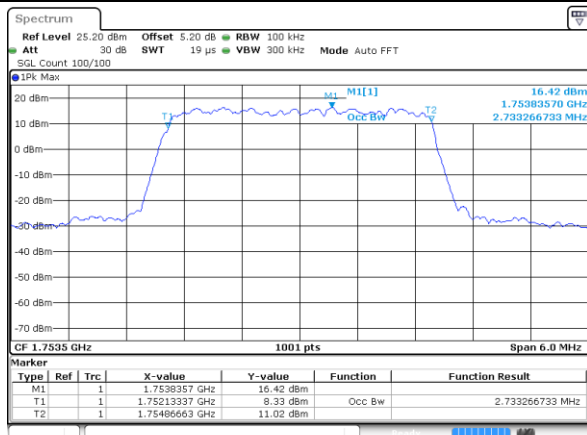
Middle Channel / 3MHz / QPSK



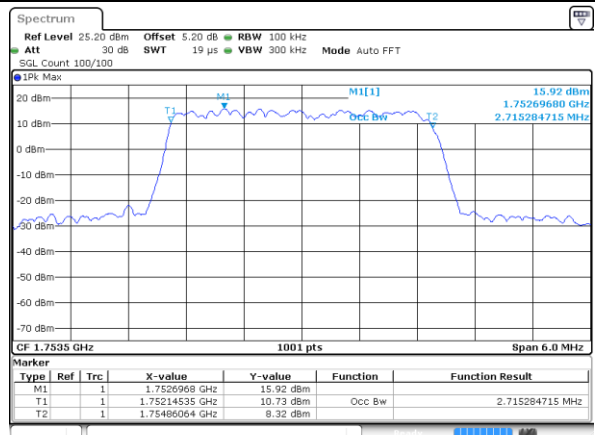
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



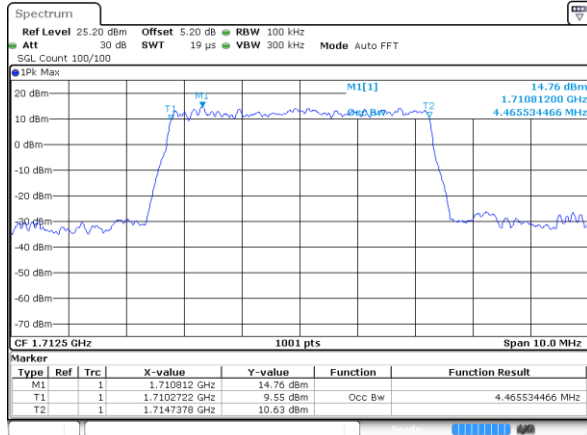
Highest Channel / 3MHz / 16QAM



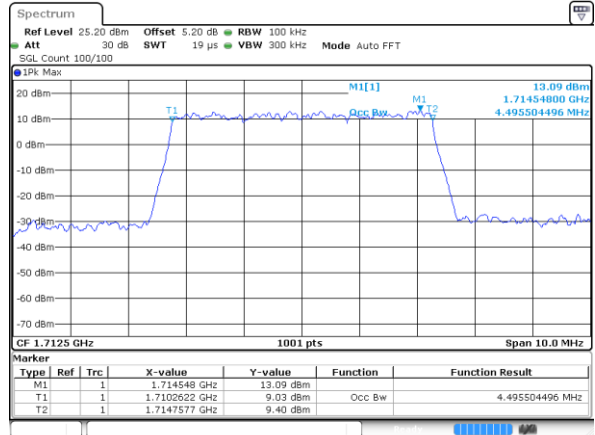


LTE Band 4

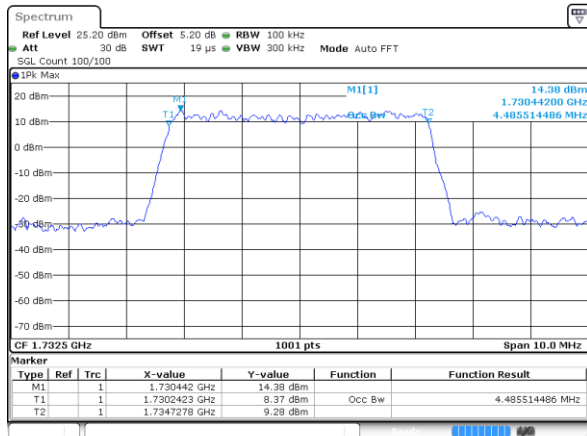
Lowest Channel / 5MHz / QPSK



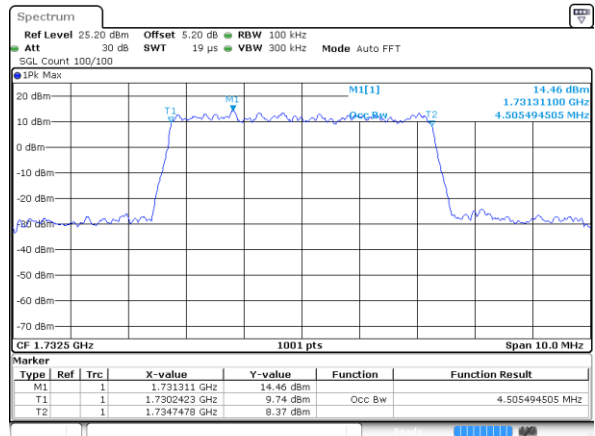
Lowest Channel / 5MHz / 16QAM



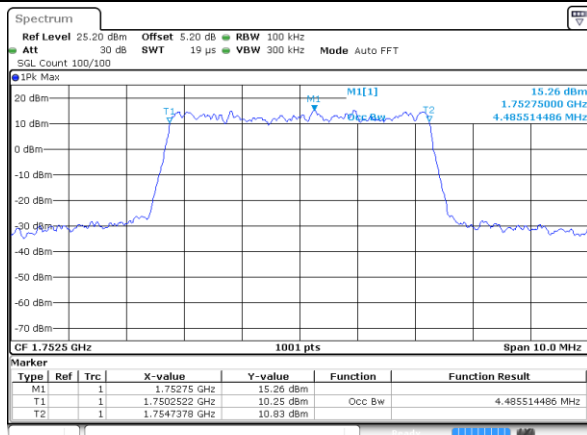
Middle Channel / 5MHz / QPSK



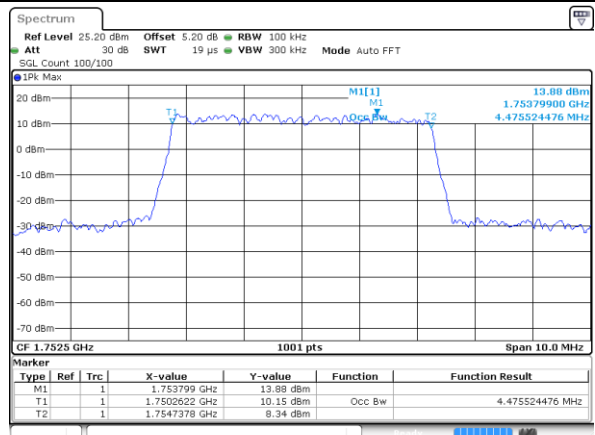
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



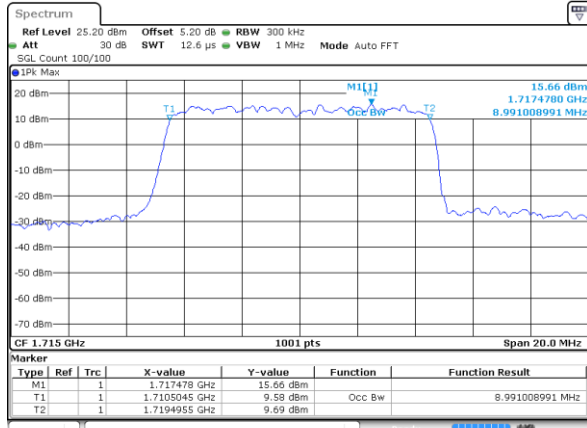
Highest Channel / 5MHz / 16QAM





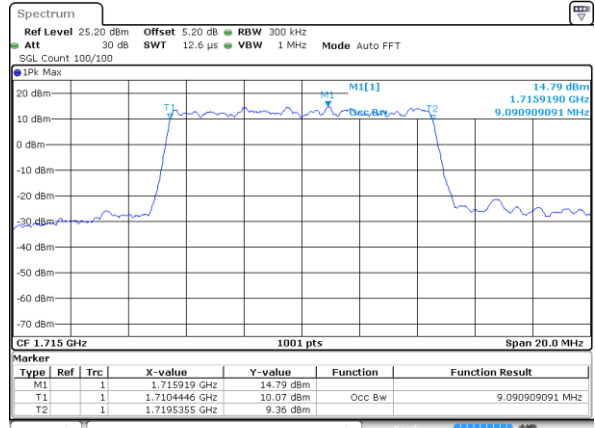
LTE Band 4

Lowest Channel / 10MHz / QPSK



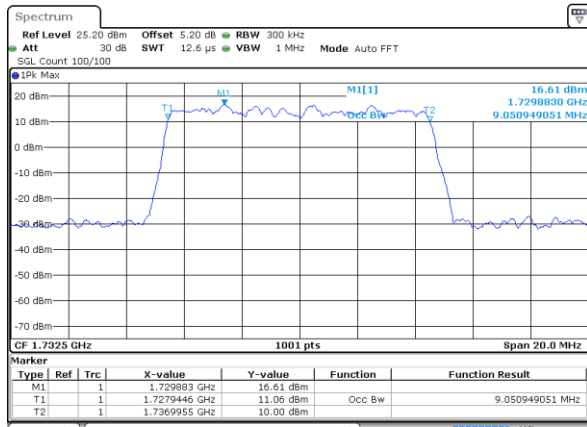
Date: 3 JUL 2017 16:12:55

Lowest Channel / 10MHz / 16QAM



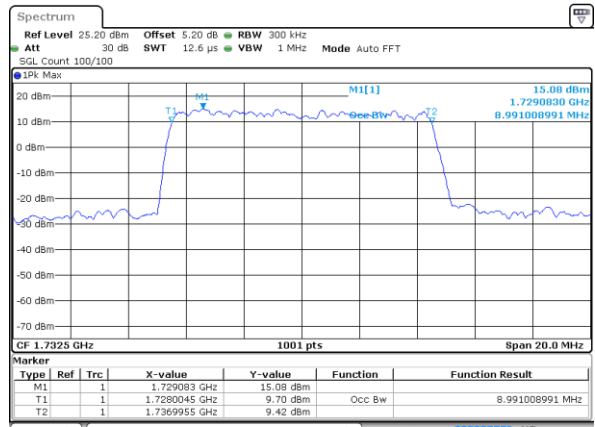
Date: 3 JUL 2017 16:13:05

Middle Channel / 10MHz / QPSK



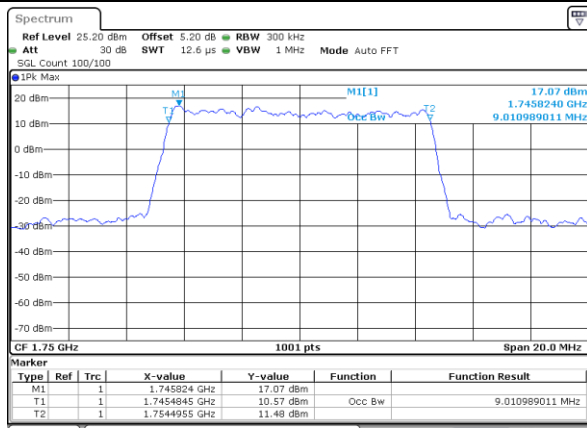
Date: 3 JUL 2017 16:19:53

Middle Channel / 10MHz / 16QAM



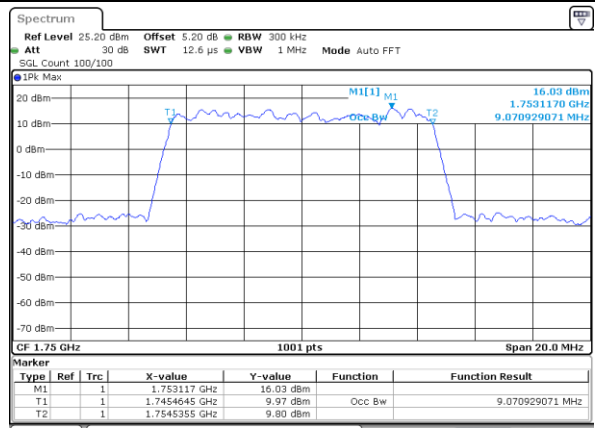
Date: 3 JUL 2017 16:20:03

Highest Channel / 10MHz / QPSK



Date: 3 JUL 2017 16:22:22

Highest Channel / 10MHz / 16QAM

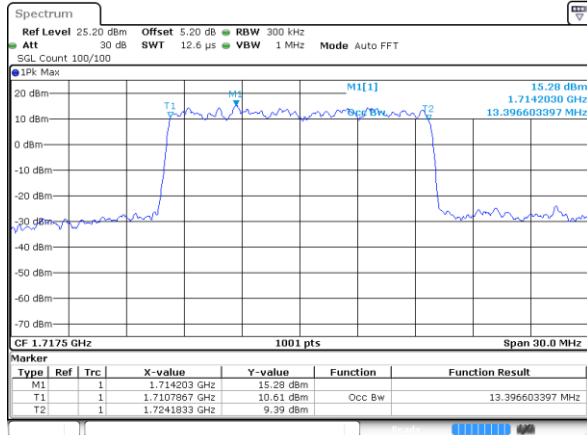


Date: 3 JUL 2017 16:22:32



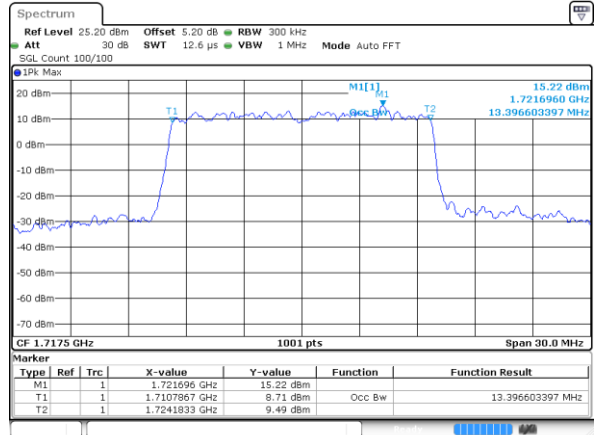
LTE Band 4

Lowest Channel / 15MHz / QPSK



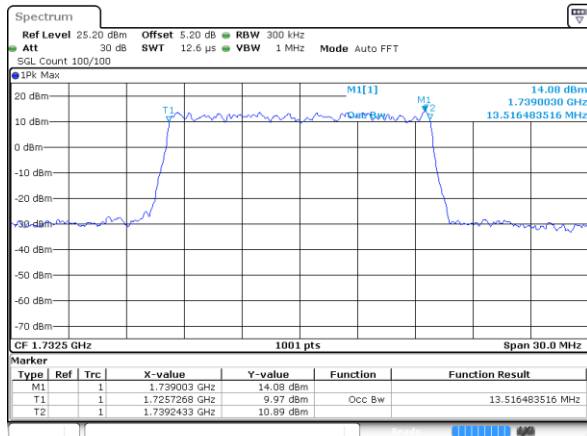
Date: 3 JUL 2017 16:29:20

Lowest Channel / 15MHz / 16QAM



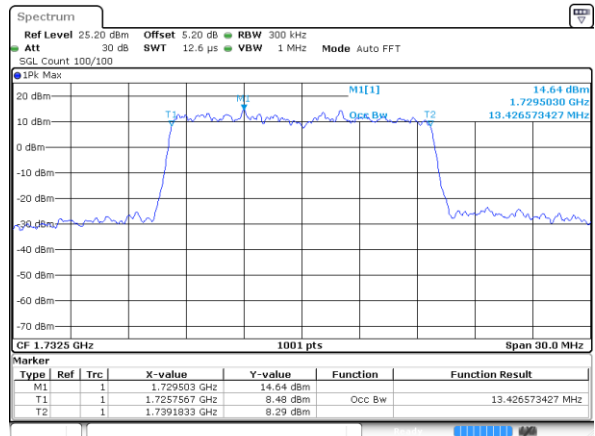
Date: 3 JUL 2017 16:29:30

Middle Channel / 15MHz / QPSK



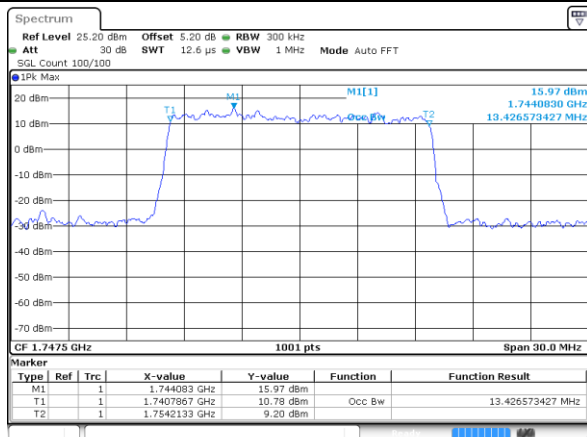
Date: 3 JUL 2017 16:36:18

Middle Channel / 15MHz / 16QAM



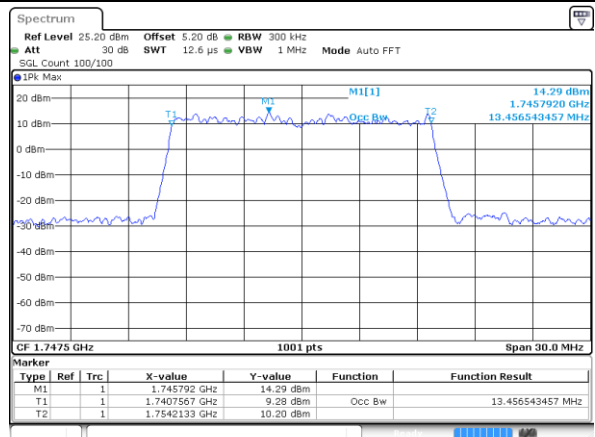
Date: 3 JUL 2017 16:36:28

Highest Channel / 15MHz / QPSK



Date: 3 JUL 2017 16:38:47

Highest Channel / 15MHz / 16QAM

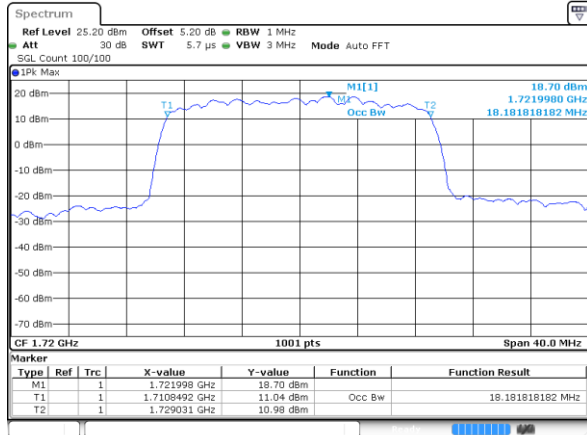


Date: 3 JUL 2017 16:38:57



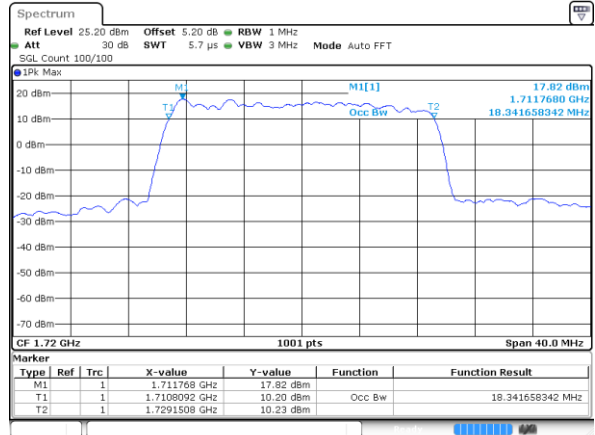
LTE Band 4

Lowest Channel / 20MHz / QPSK



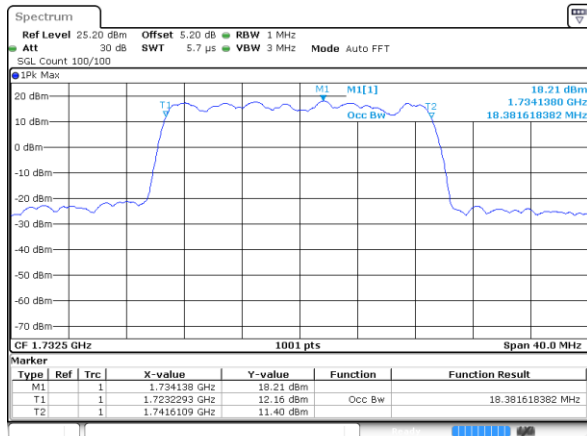
Date: 3 JUL 2017 16:45:45

Lowest Channel / 20MHz / 16QAM



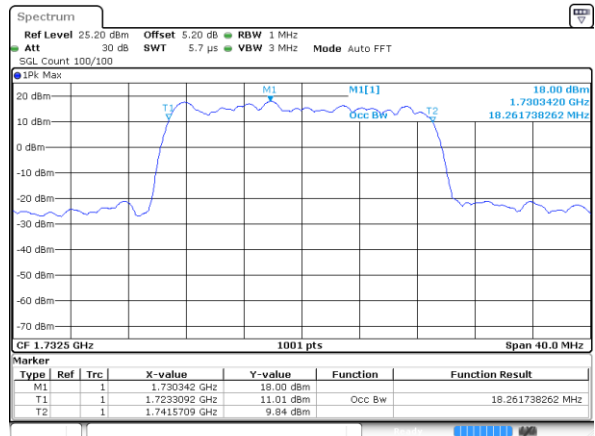
Date: 3 JUL 2017 16:45:55

Middle Channel / 20MHz / QPSK



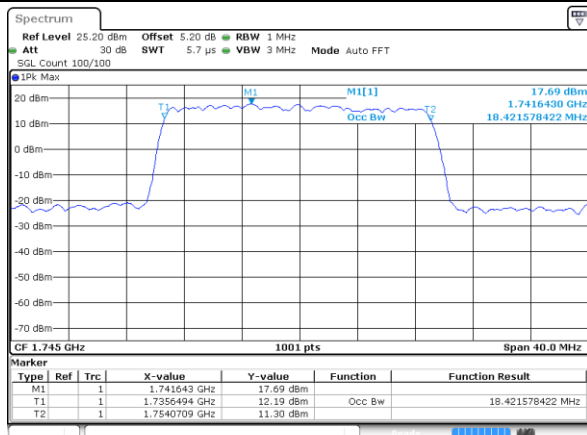
Date: 3 JUL 2017 16:52:42

Middle Channel / 20MHz / 16QAM



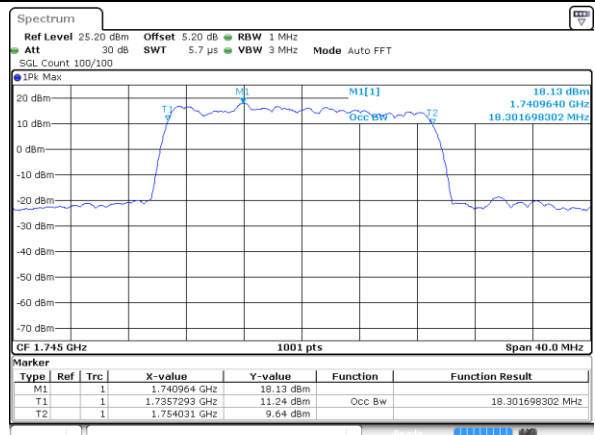
Date: 3 JUL 2017 16:52:52

Highest Channel / 20MHz / QPSK



Date: 3 JUL 2017 16:55:11

Highest Channel / 20MHz / 16QAM

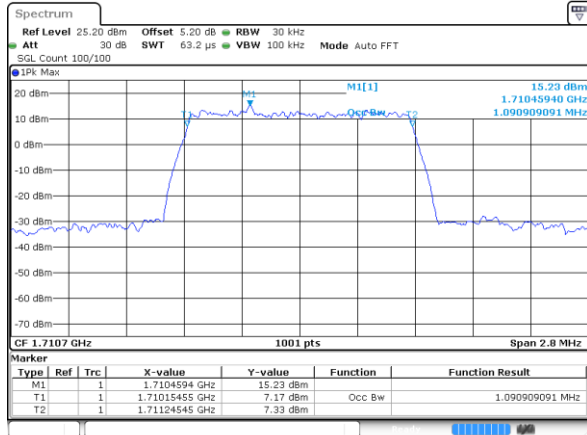


Date: 3 JUL 2017 16:55:21

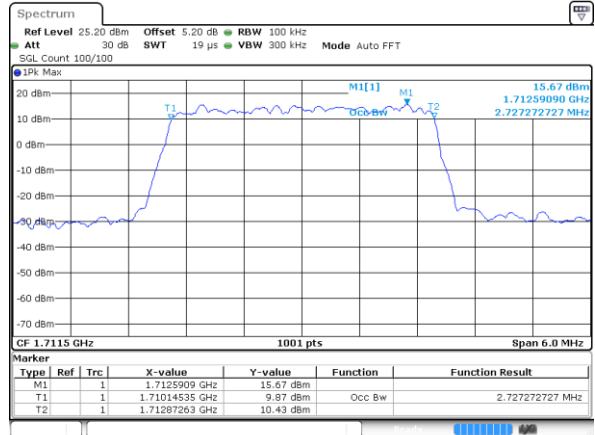


LTE Band 4

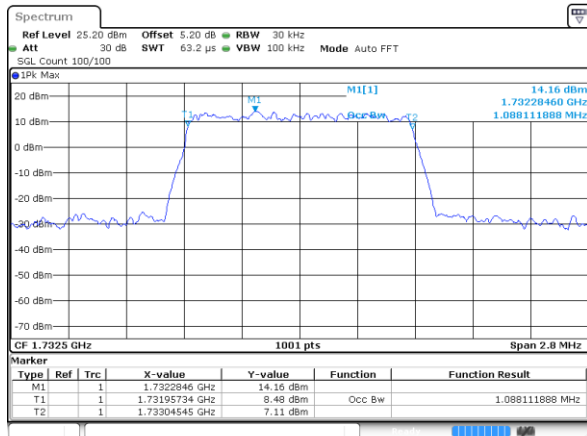
Lowest Channel / 1.4MHz / 64QAM



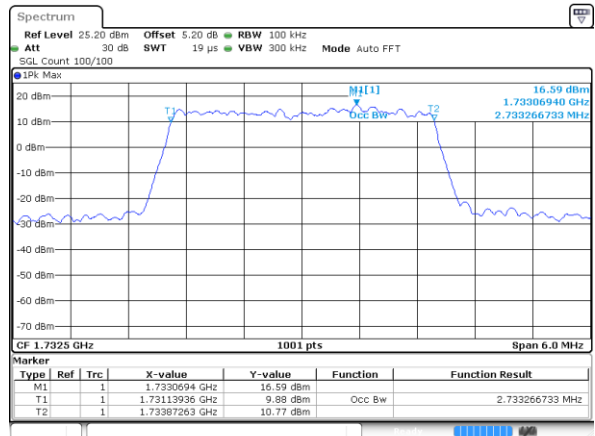
Lowest Channel / 3MHz / 64QAM



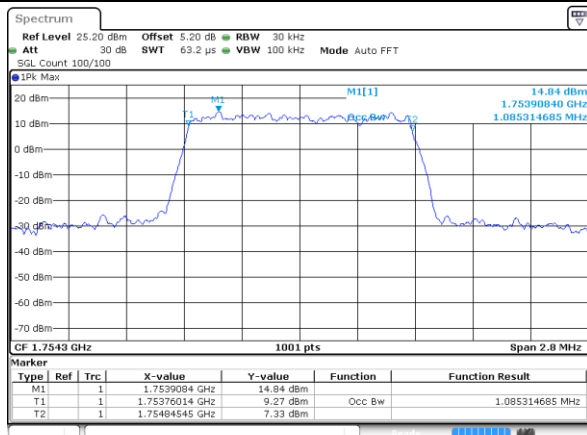
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM

