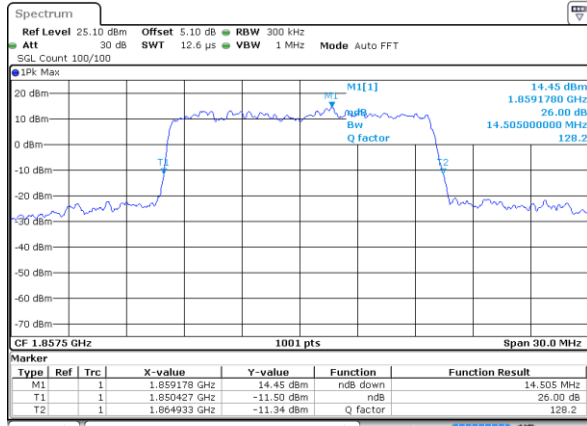




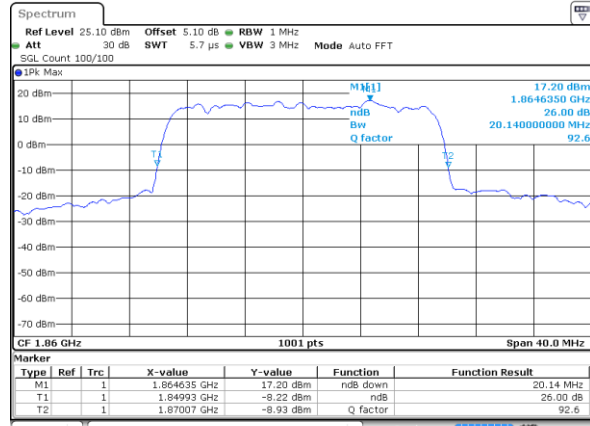
LTE Band 2

Lowest Channel / 15MHz / 64QAM



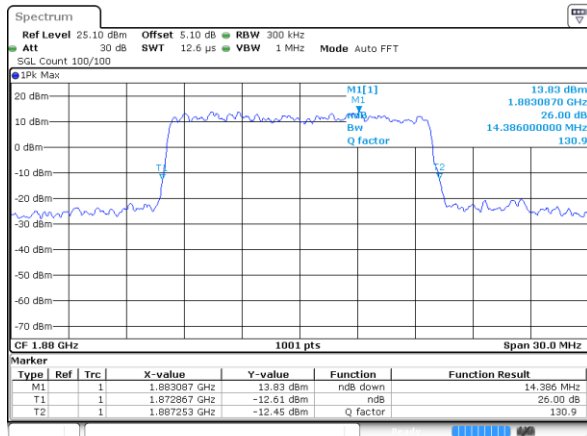
Date: 28 JUN 2017 20:04:54

Lowest Channel / 20MHz / 64QAM



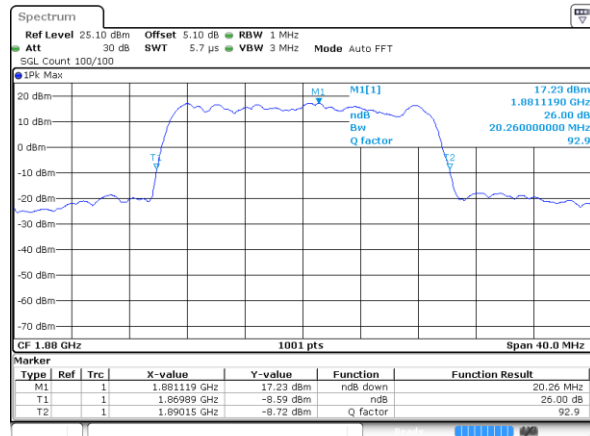
Date: 28 JUN 2017 20:11:12

Middle Channel / 15MHz / 64QAM



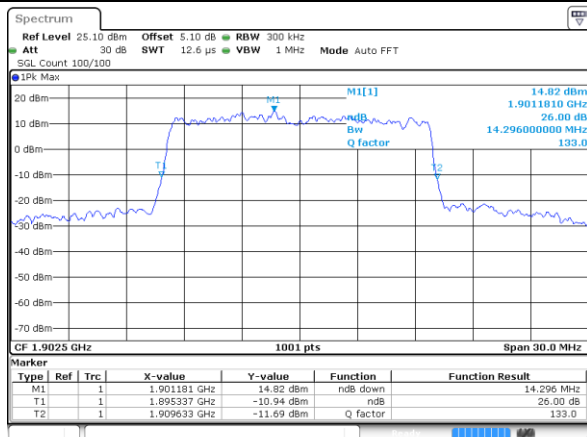
Date: 28 JUN 2017 20:05:22

Middle Channel / 20MHz / 64QAM



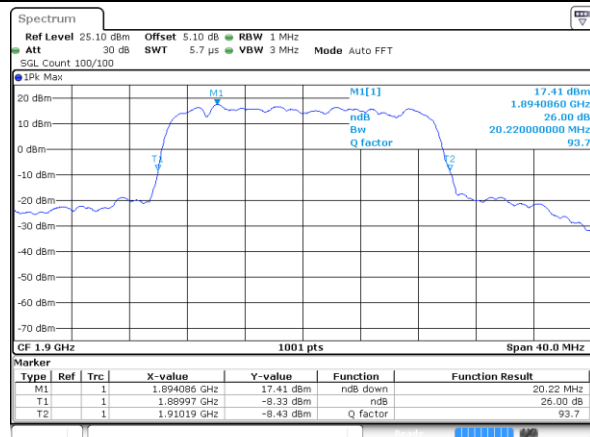
Date: 28 JUN 2017 20:11:39

Highest Channel / 15MHz / 64QAM



Date: 28 JUN 2017 20:05:42

Highest Channel / 20MHz / 64QAM

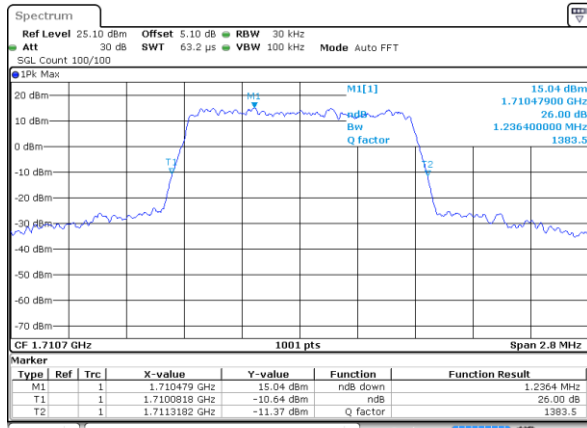


Date: 28 JUN 2017 20:12:01

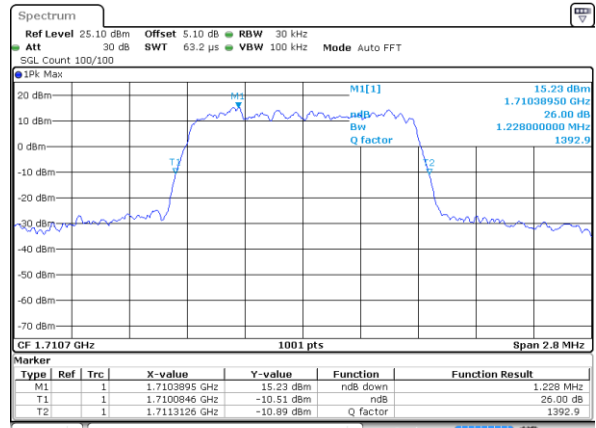


LTE Band 4

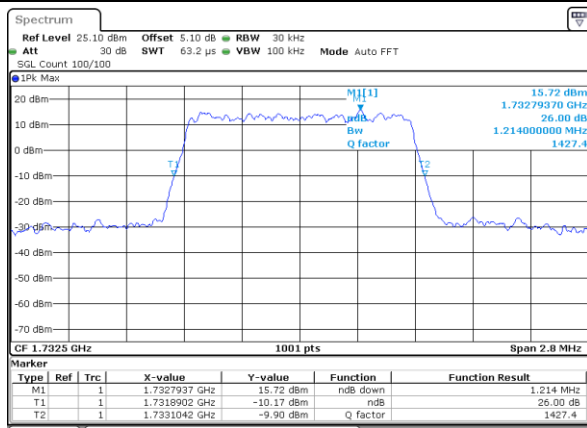
Lowest Channel / 1.4MHz / QPSK



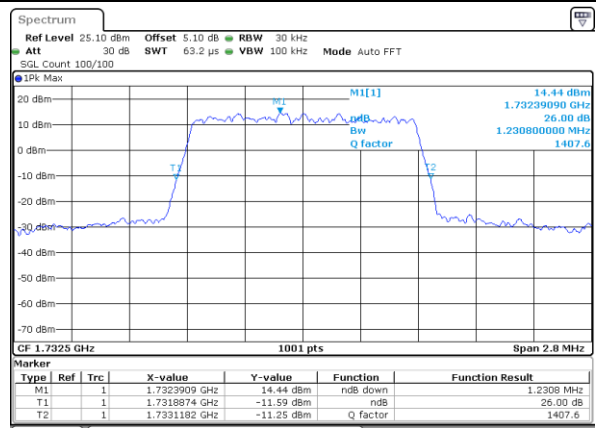
Lowest Channel / 1.4MHz / 16QAM



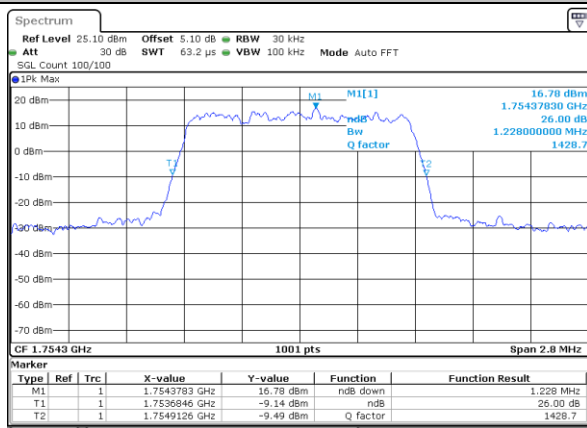
Middle Channel / 1.4MHz / QPSK



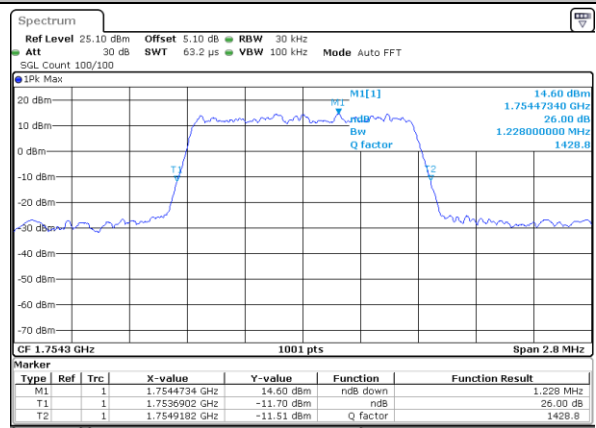
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



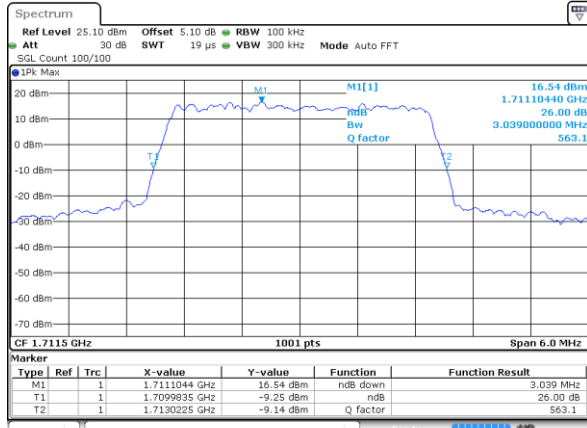
Highest Channel / 1.4MHz / 16QAM



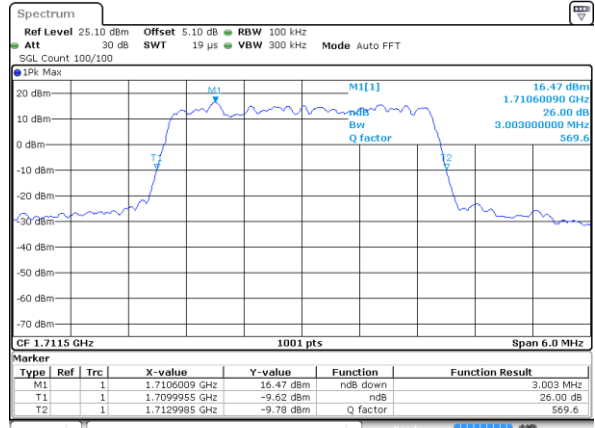


LTE Band 4

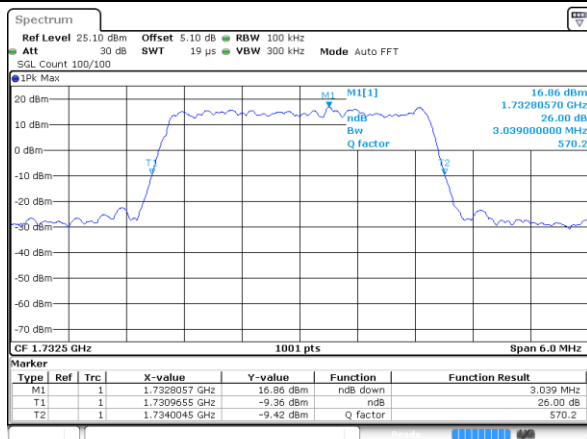
Lowest Channel / 3MHz / QPSK



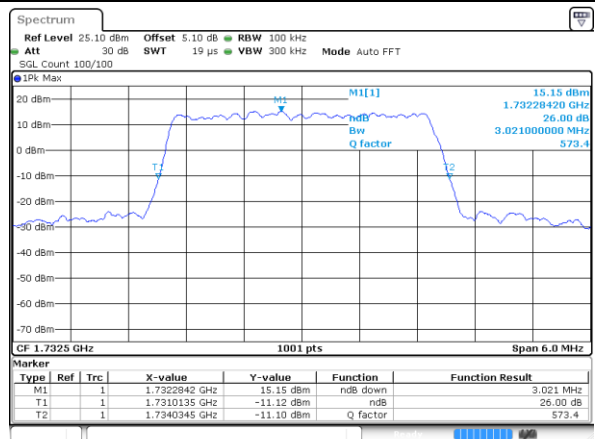
Lowest Channel / 3MHz / 16QAM



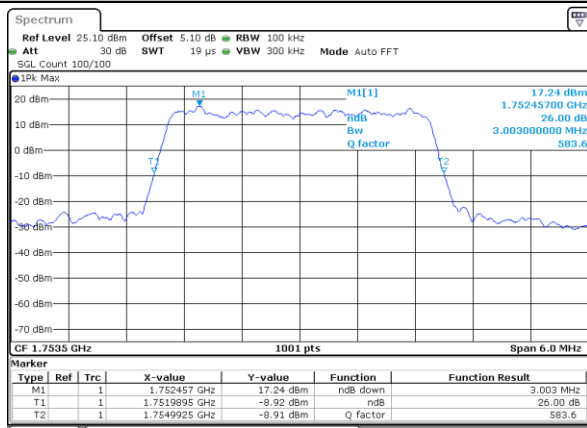
Middle Channel / 3MHz / QPSK



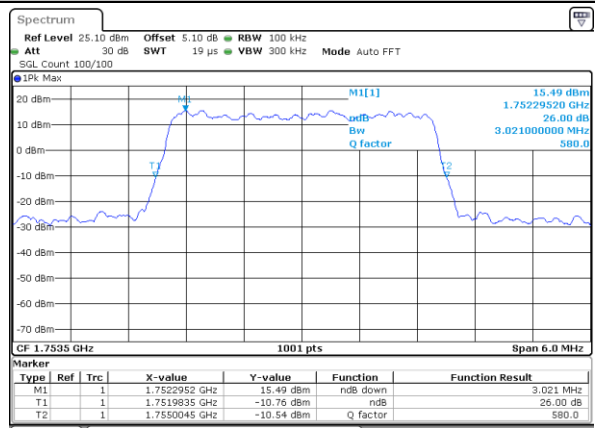
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



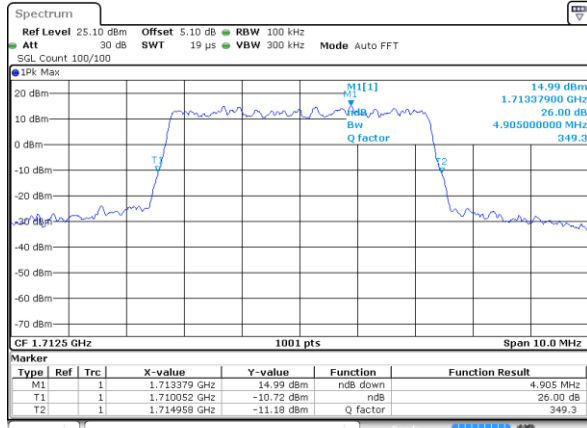
Highest Channel / 3MHz / 16QAM



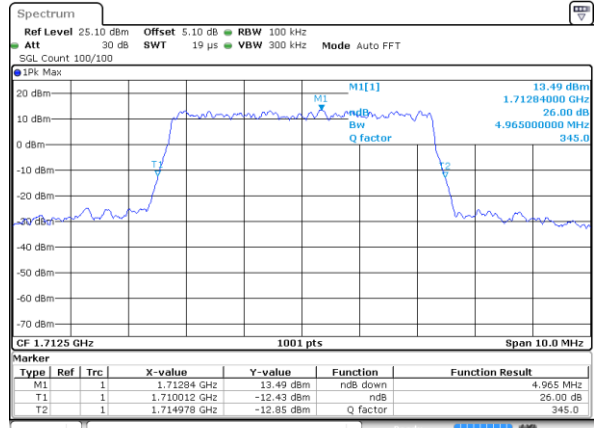


LTE Band 4

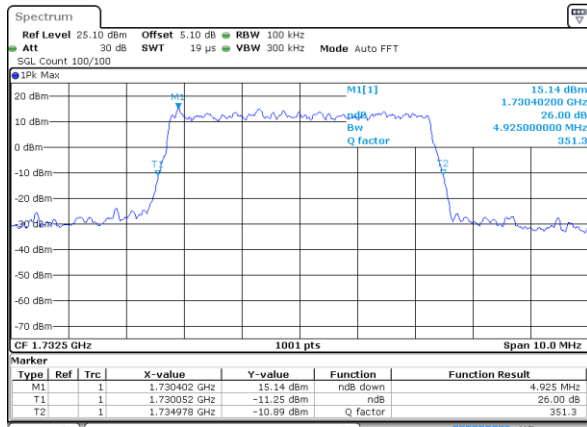
Lowest Channel / 5MHz / QPSK



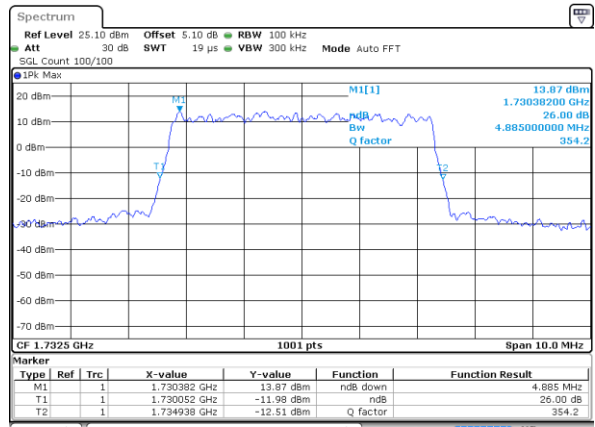
Lowest Channel / 5MHz / 16QAM



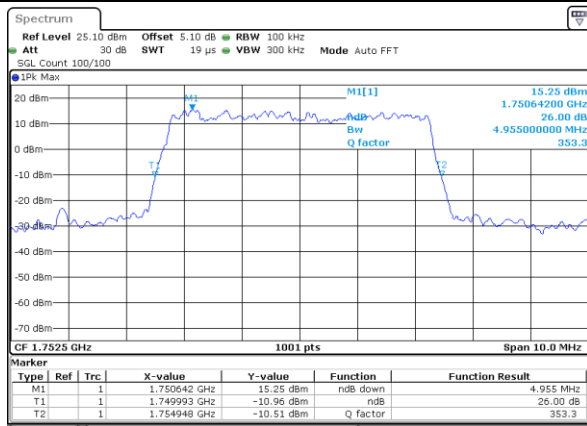
Middle Channel / 5MHz / QPSK



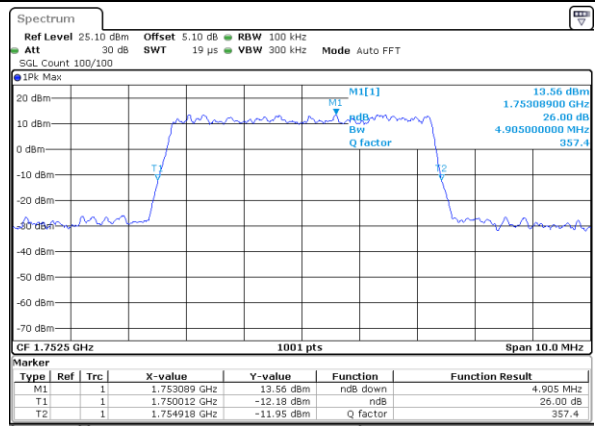
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



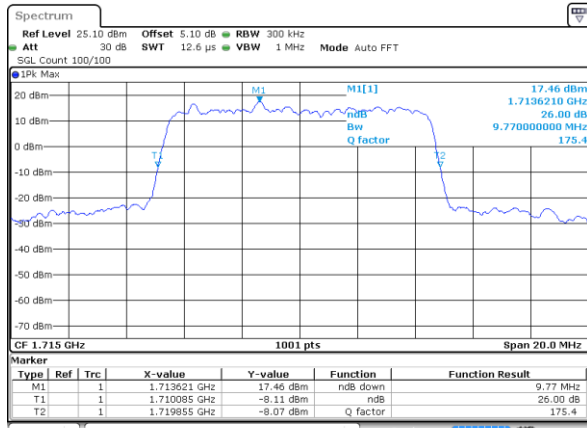
Highest Channel / 5MHz / 16QAM



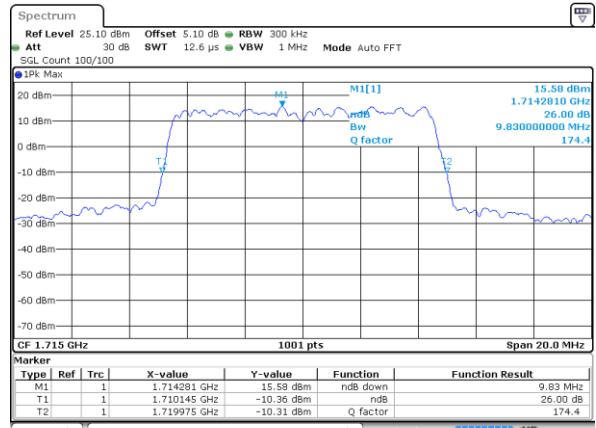


LTE Band 4

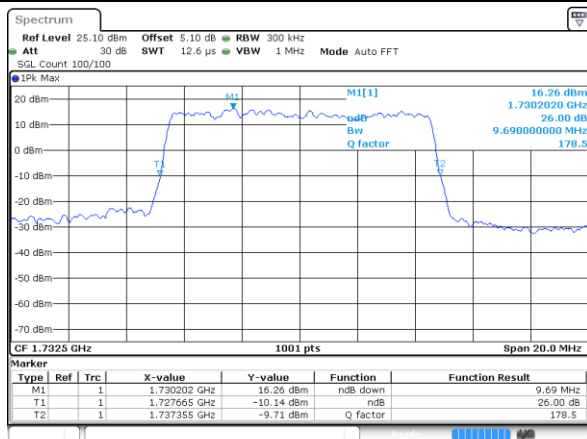
Lowest Channel / 10MHz / QPSK



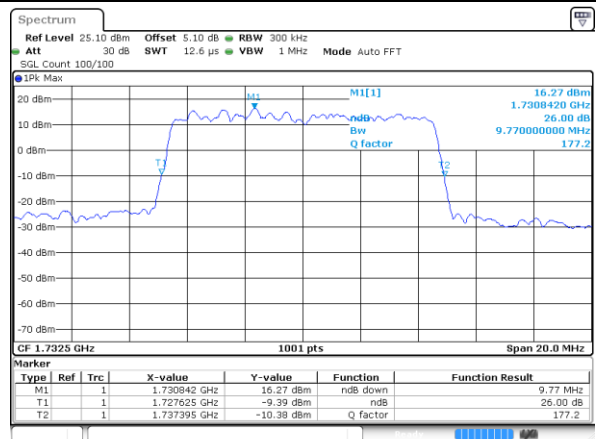
Lowest Channel / 10MHz / 16QAM



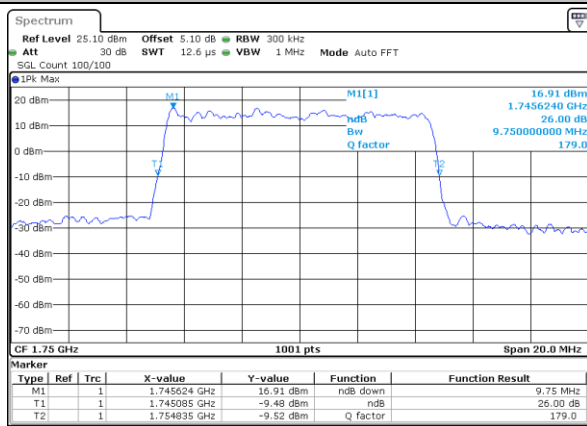
Middle Channel / 10MHz / QPSK



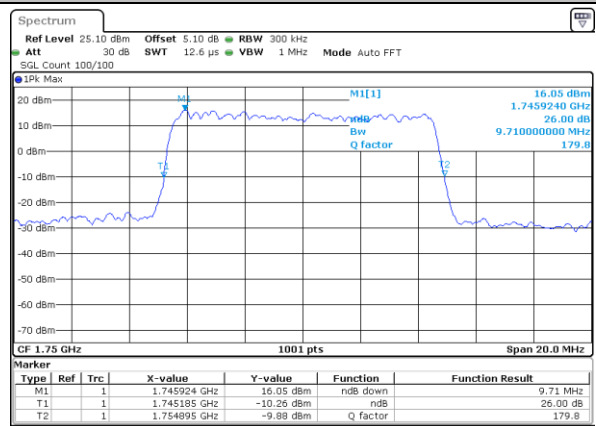
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



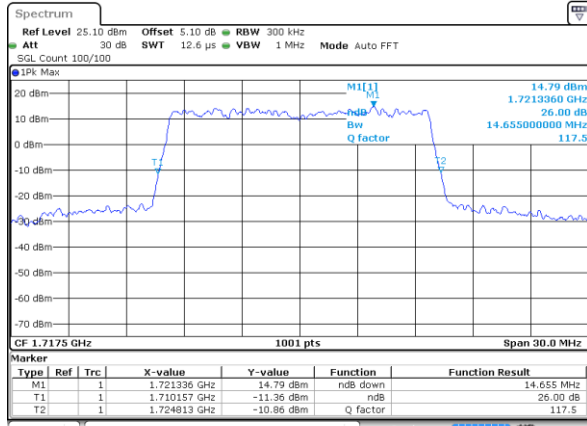
Highest Channel / 10MHz / 16QAM





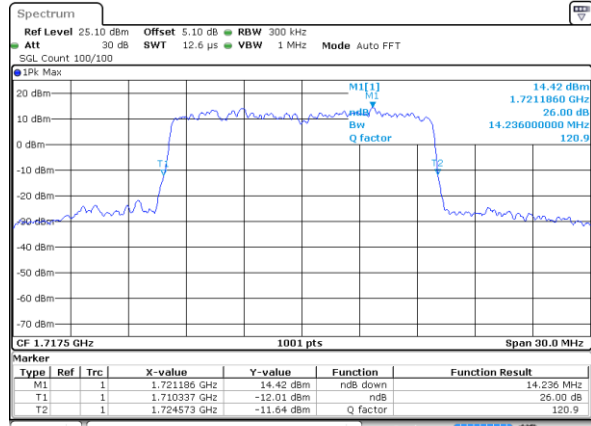
LTE Band 4

Lowest Channel / 15MHz / QPSK



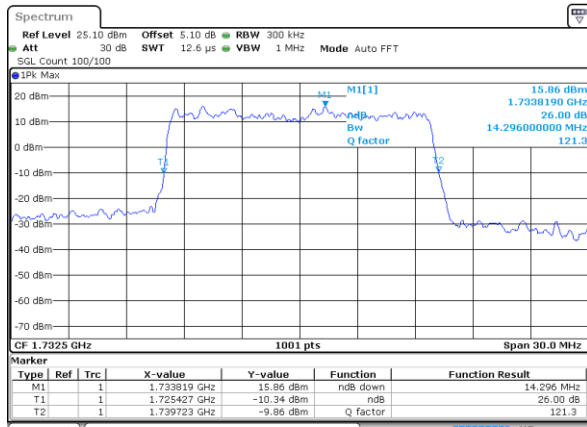
Date: 28 JUN 2017 13:07:09

Lowest Channel / 15MHz / 16QAM



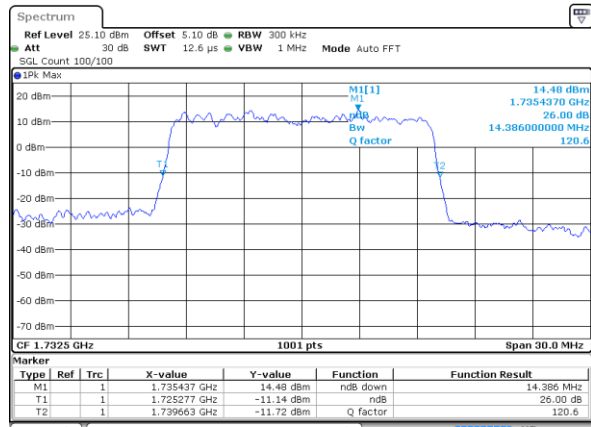
Date: 28 JUN 2017 13:07:19

Middle Channel / 15MHz / QPSK



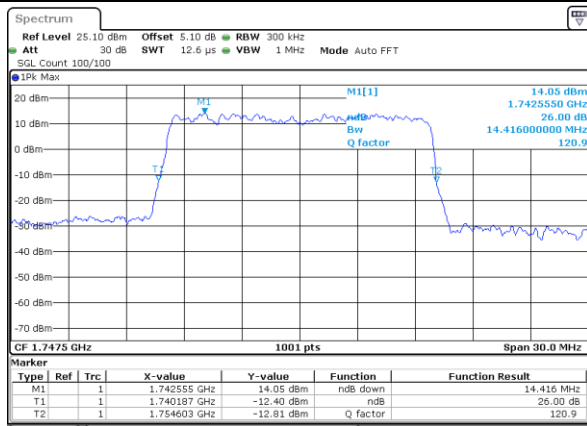
Date: 28 JUN 2017 13:14:07

Middle Channel / 15MHz / 16QAM



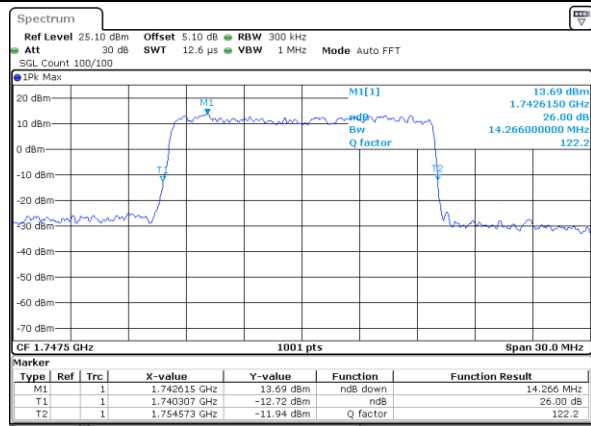
Date: 28 JUN 2017 13:14:17

Highest Channel / 15MHz / QPSK



Date: 28 JUN 2017 13:16:36

Highest Channel / 15MHz / 16QAM

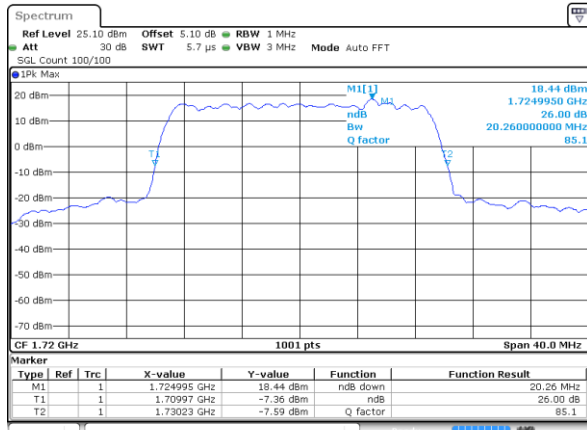


Date: 28 JUN 2017 13:16:46

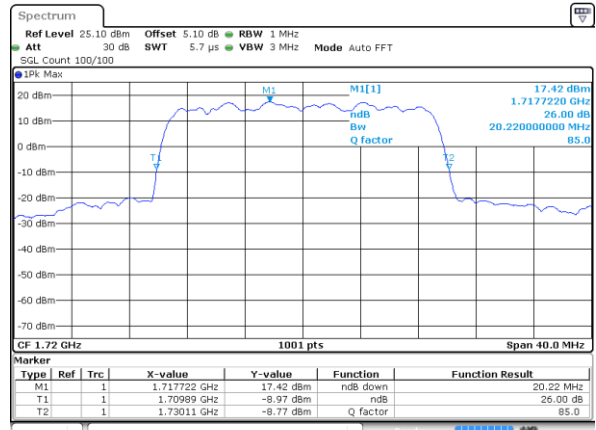


LTE Band 4

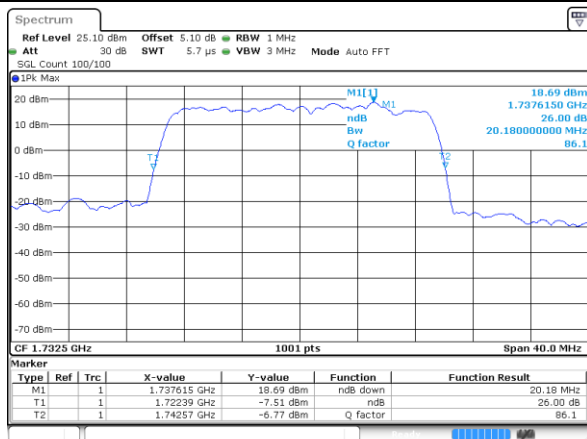
Lowest Channel / 20MHz / QPSK



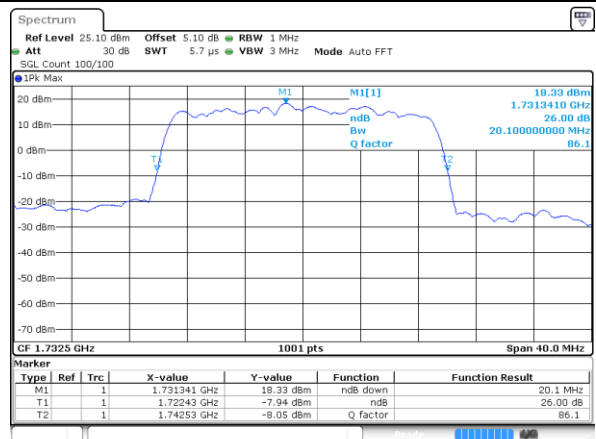
Lowest Channel / 20MHz / 16QAM



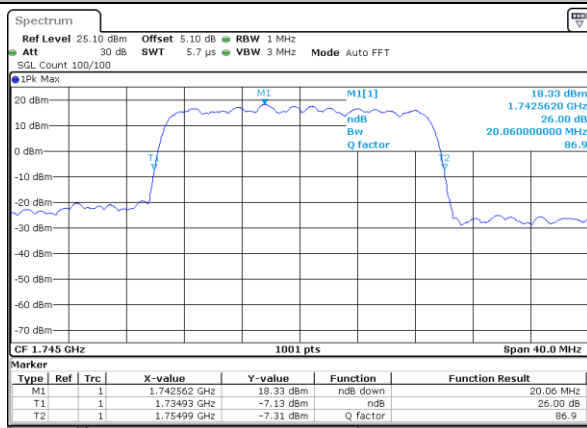
Middle Channel / 20MHz / QPSK



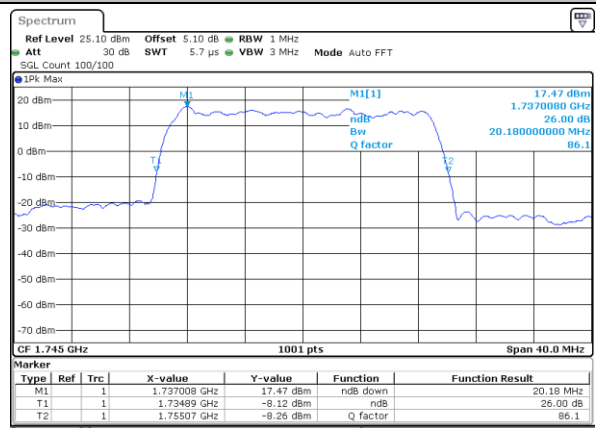
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



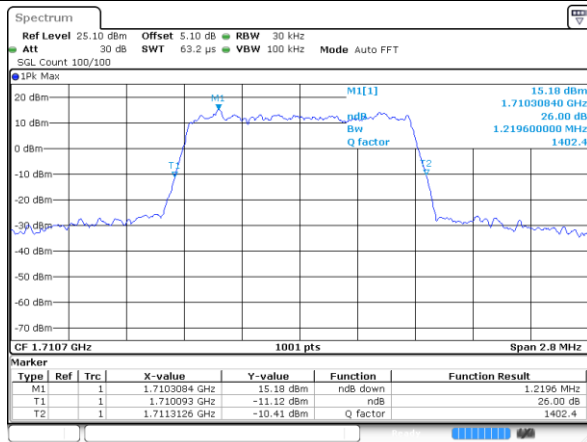
Highest Channel / 20MHz / 16QAM





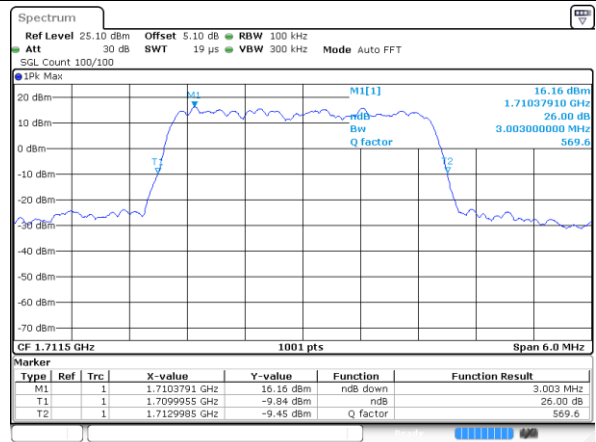
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



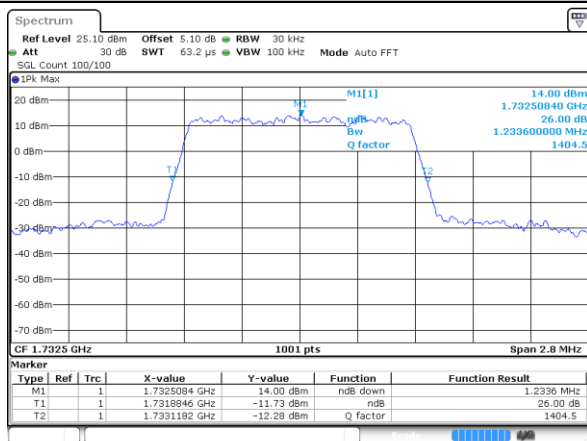
Date: 28 JUN 2017 13:44:17

Lowest Channel / 3MHz / 64QAM



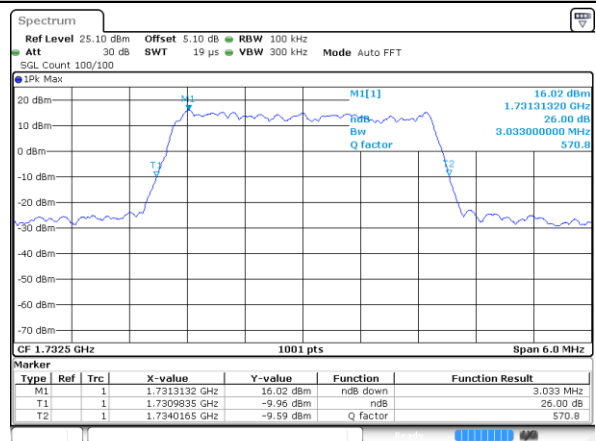
Date: 28 JUN 2017 13:55:13

Middle Channel / 1.4MHz / 64QAM



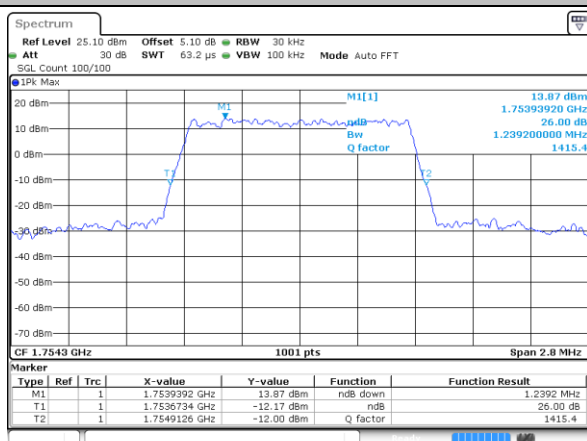
Date: 28 JUN 2017 13:44:37

Middle Channel / 3MHz / 64QAM



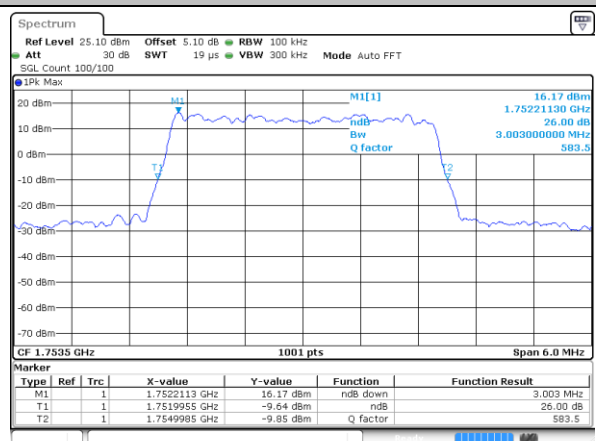
Date: 28 JUN 2017 13:55:33

Highest Channel / 1.4MHz / 64QAM



Date: 28 JUN 2017 13:44:57

Highest Channel / 3MHz / 64QAM

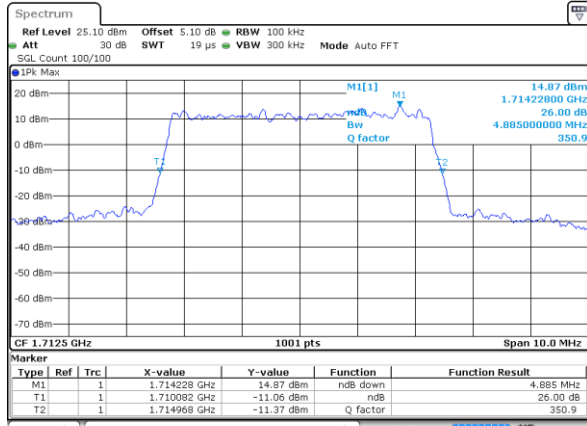


Date: 28 JUN 2017 13:55:53



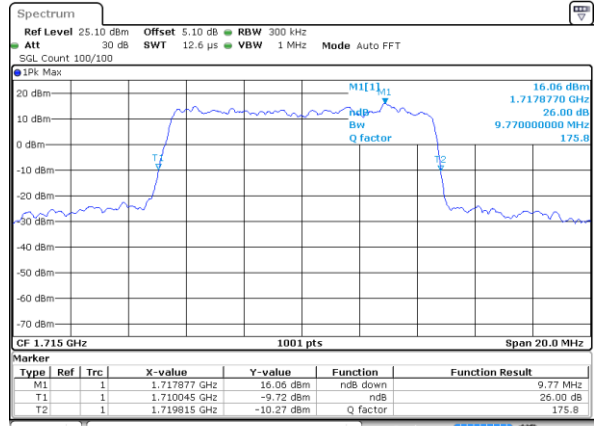
LTE Band 4

Lowest Channel / 5MHz / 64QAM



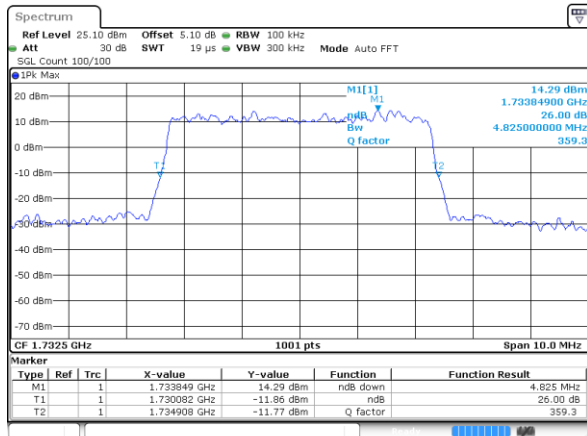
Date: 28 JUN 2017 14:00:43

Lowest Channel / 10MHz / 64QAM



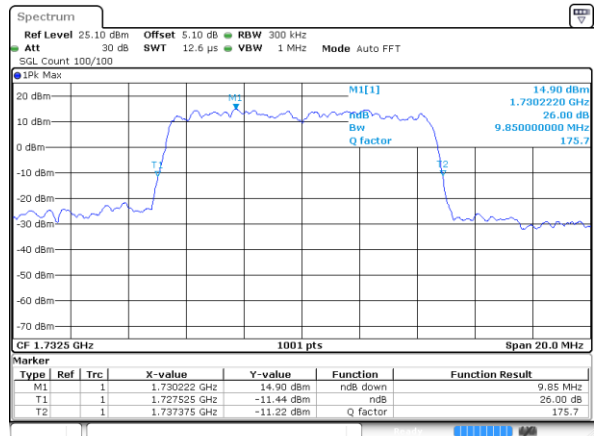
Date: 28 JUN 2017 14:08:55

Middle Channel / 5MHz / 64QAM



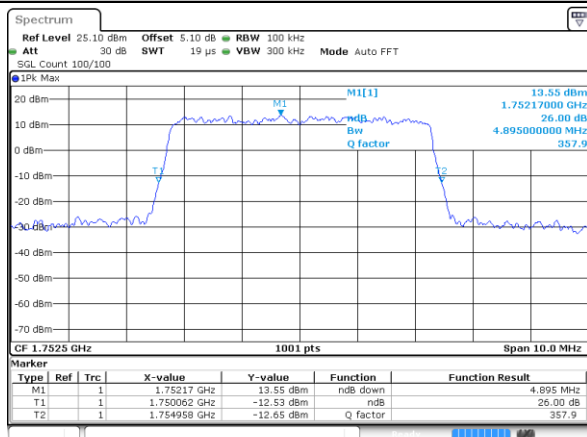
Date: 28 JUN 2017 14:01:03

Middle Channel / 10MHz / 64QAM



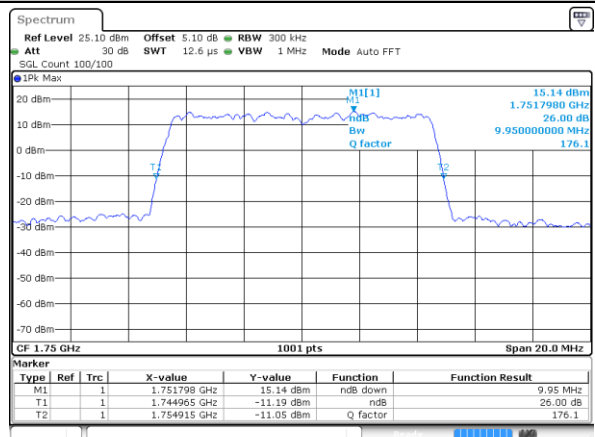
Date: 28 JUN 2017 14:09:15

Highest Channel / 5MHz / 64QAM



Date: 28 JUN 2017 14:01:22

Highest Channel / 10MHz / 64QAM

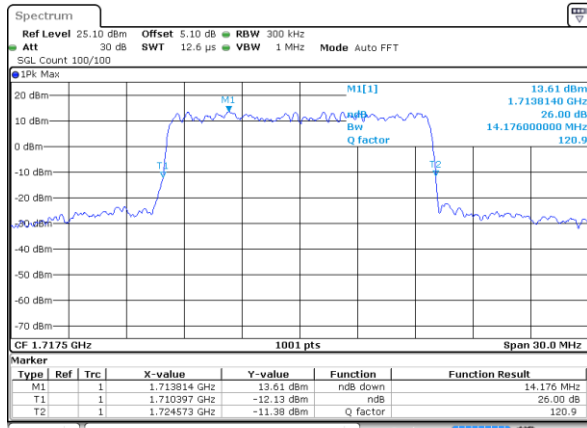


Date: 28 JUN 2017 14:09:35



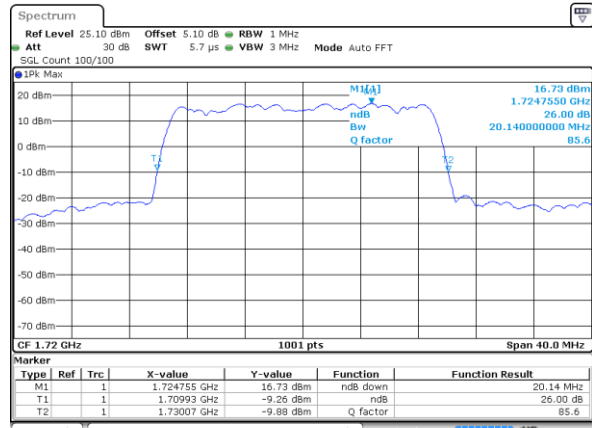
LTE Band 4

Lowest Channel / 15MHz / 64QAM



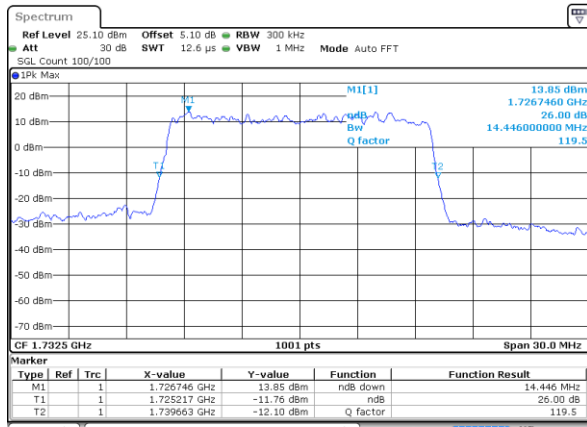
Date: 28 JUN 2017 14:17:08

Lowest Channel / 20MHz / 64QAM



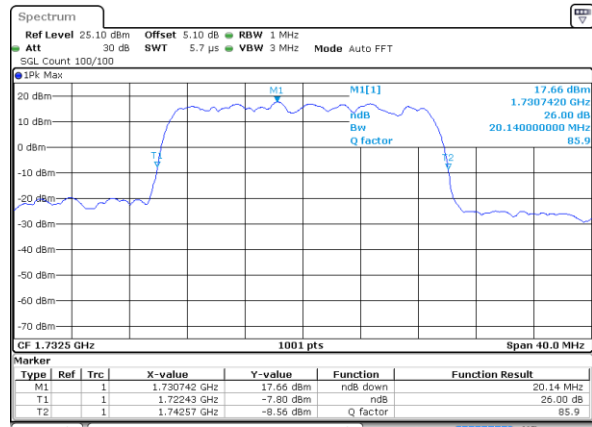
Date: 28 JUN 2017 14:25:21

Middle Channel / 15MHz / 64QAM



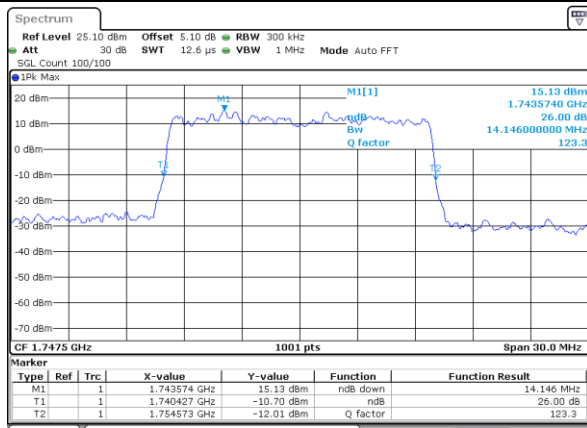
Date: 28 JUN 2017 14:17:28

Middle Channel / 20MHz / 64QAM



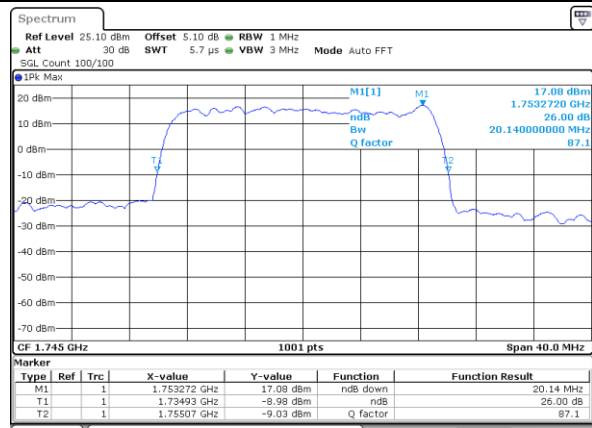
Date: 28 JUN 2017 14:25:40

Highest Channel / 15MHz / 64QAM



Date: 28 JUN 2017 14:17:48

Highest Channel / 20MHz / 64QAM

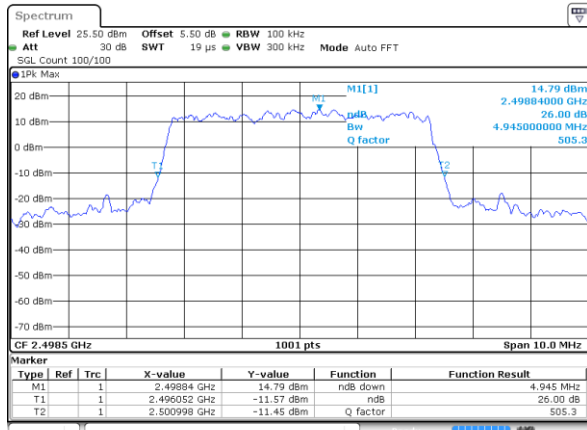


Date: 28 JUN 2017 14:26:00



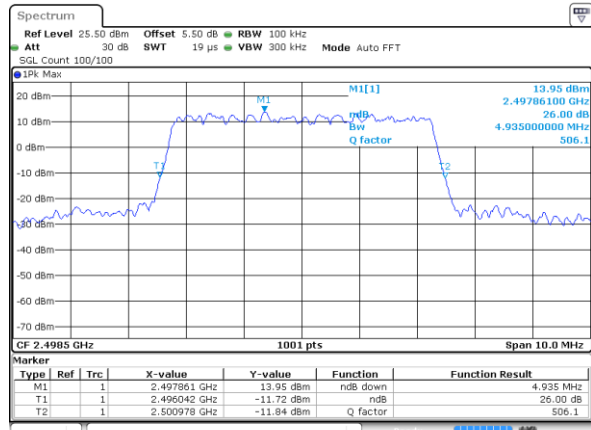
LTE Band 41

Lowest Channel / 5MHz / QPSK



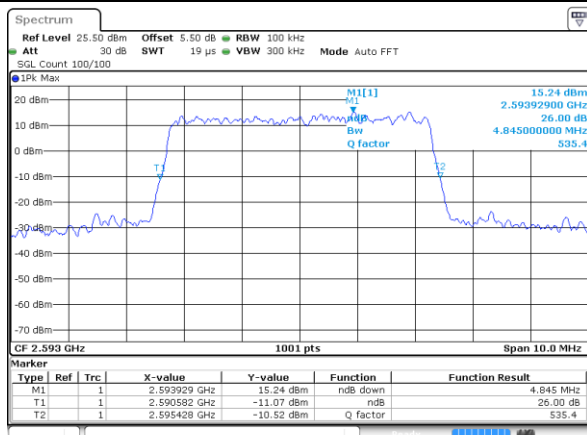
Date: 28 JUN 2017 21:28:17

Lowest Channel / 5MHz / 16QAM



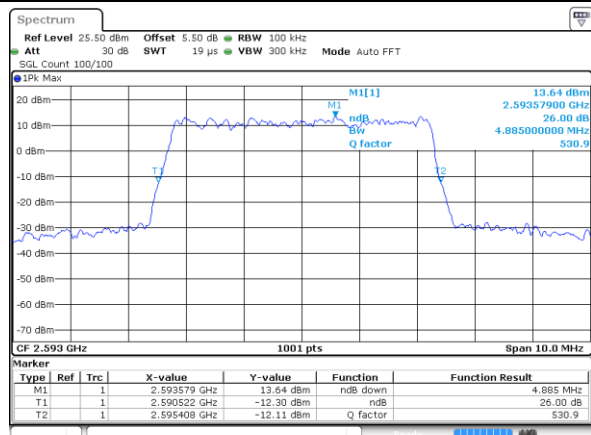
Date: 28 JUN 2017 21:28:55

Middle Channel / 5MHz / QPSK



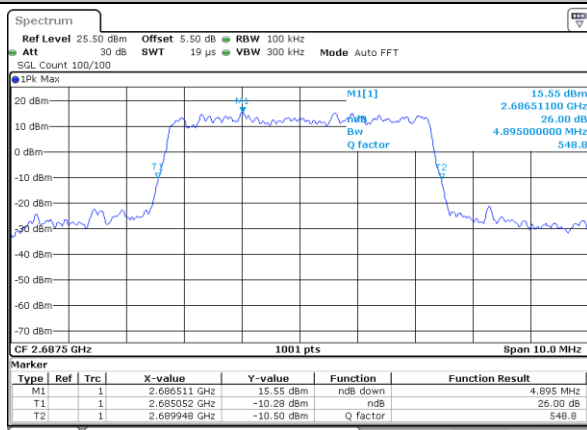
Date: 28 JUN 2017 21:27:36

Middle Channel / 5MHz / 16QAM



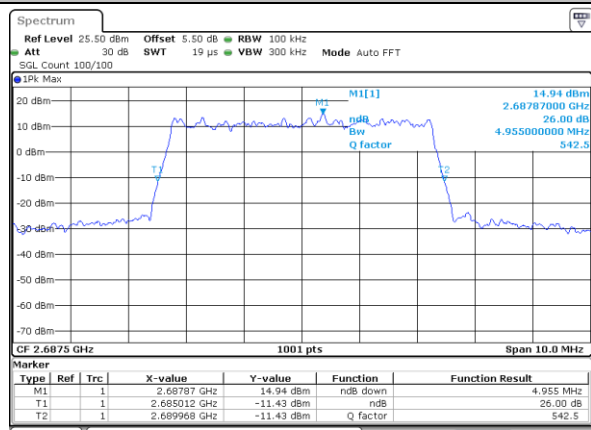
Date: 28 JUN 2017 21:29:19

Highest Channel / 5MHz / QPSK



Date: 28 JUN 2017 21:28:05

Highest Channel / 5MHz / 16QAM

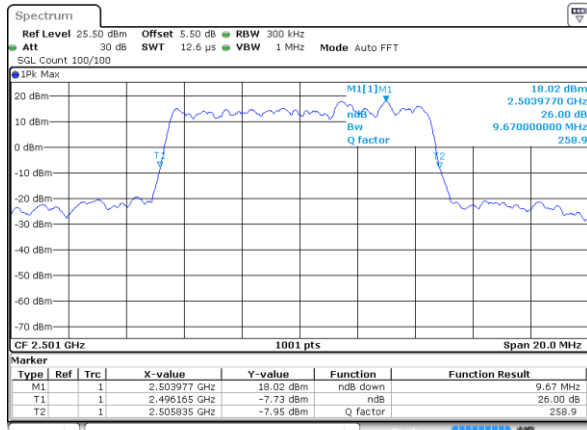


Date: 28 JUN 2017 21:31:09



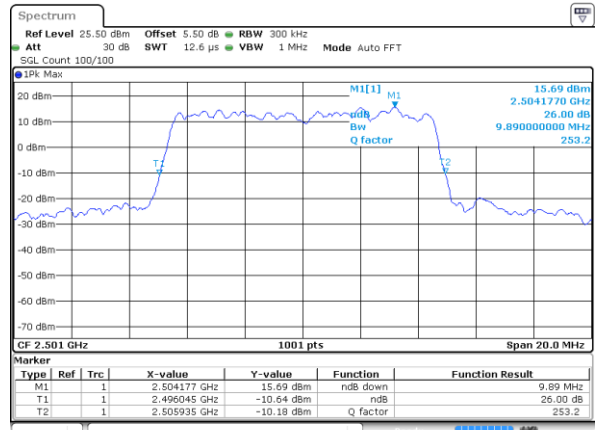
LTE Band 41

Lowest Channel / 10MHz / QPSK



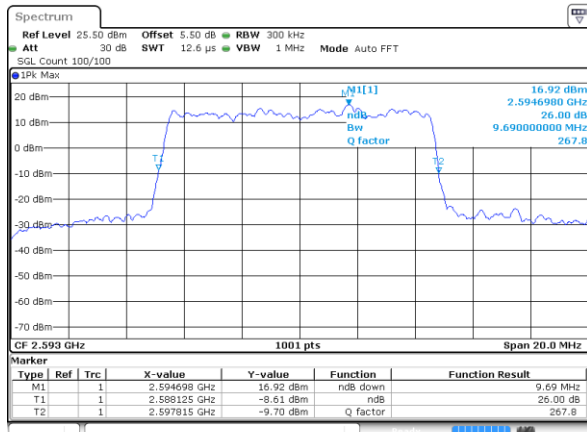
Date: 28 JUN 2017 21:33:38

Lowest Channel / 10MHz / 16QAM



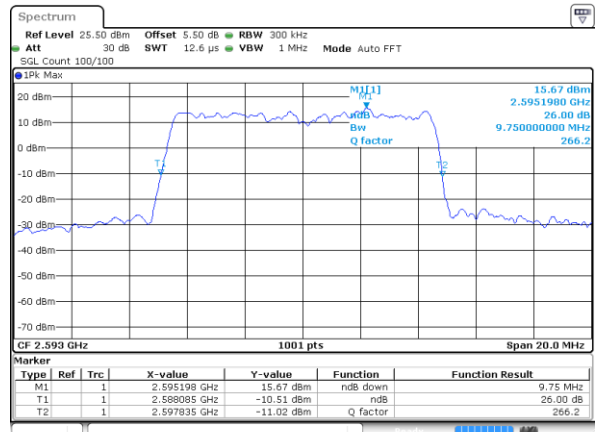
Date: 28 JUN 2017 21:34:38

Middle Channel / 10MHz / QPSK



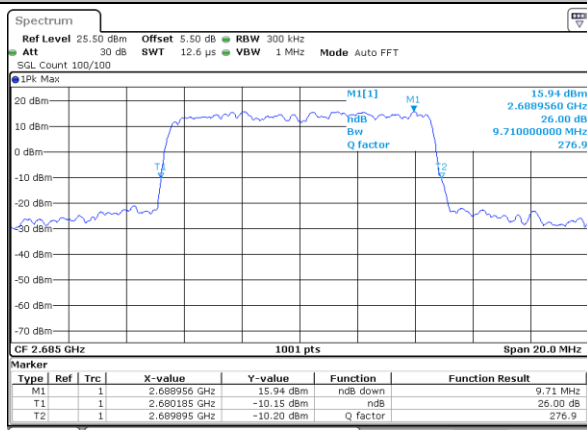
Date: 28 JUN 2017 21:35:31

Middle Channel / 10MHz / 16QAM



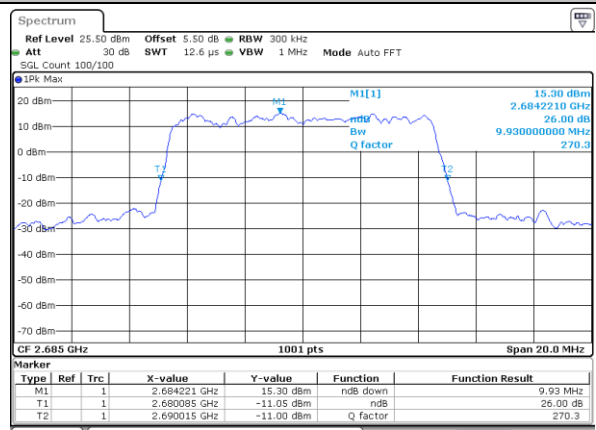
Date: 28 JUN 2017 21:35:53

Highest Channel / 10MHz / QPSK



Date: 28 JUN 2017 21:38:58

Highest Channel / 10MHz / 16QAM



Date: 28 JUN 2017 21:39:18



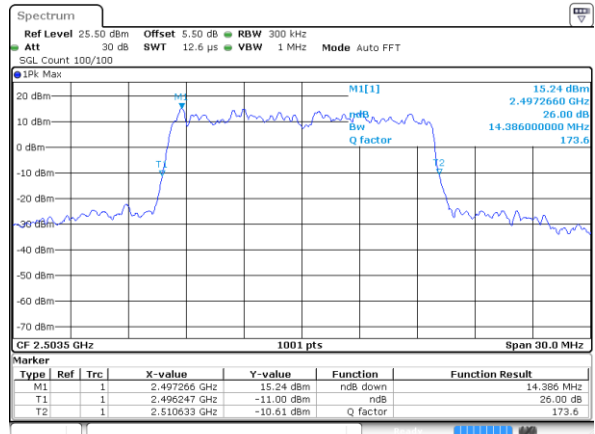
LTE Band 41

Lowest Channel / 15MHz / QPSK



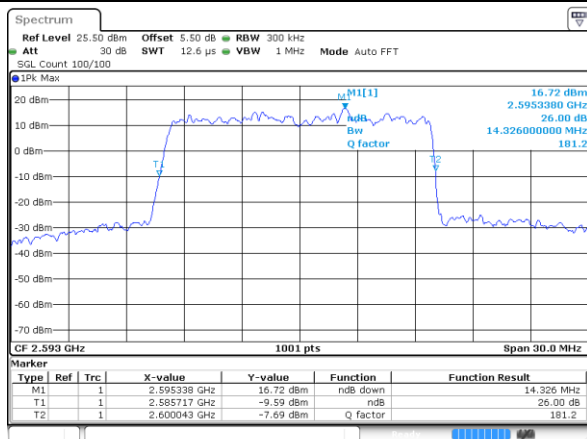
Date: 28 JUN 2017 21:40:15

Lowest Channel / 15MHz / 16QAM



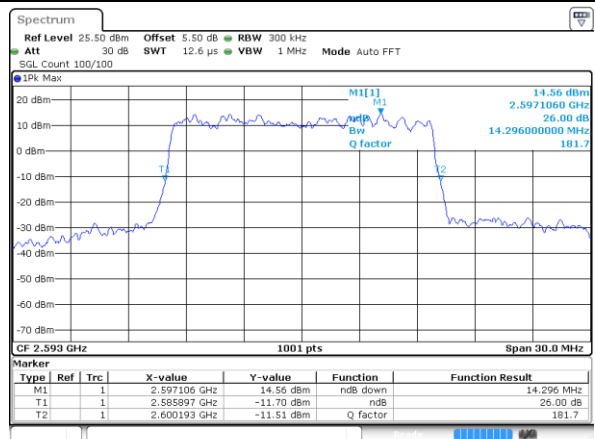
Date: 28 JUN 2017 21:40:39

Middle Channel / 15MHz / QPSK



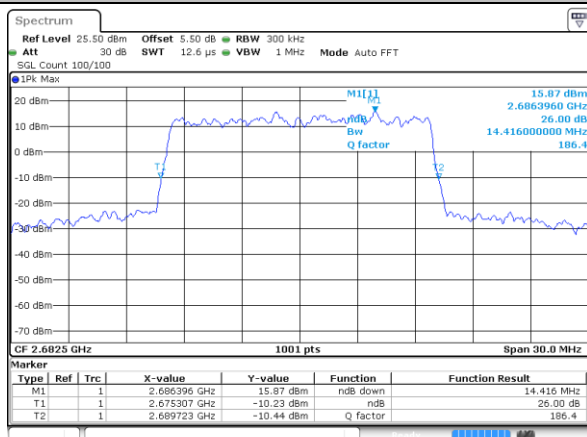
Date: 28 JUN 2017 21:41:26

Middle Channel / 15MHz / 16QAM



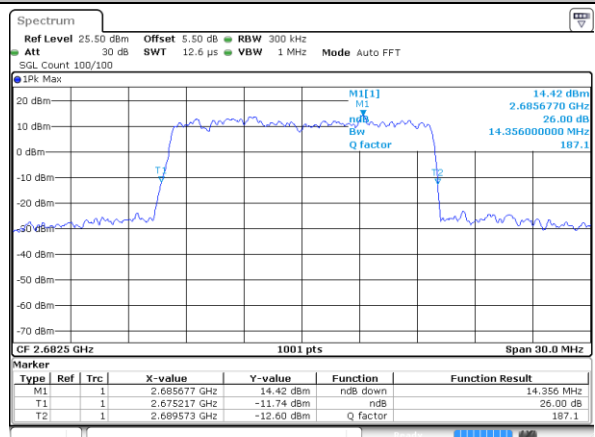
Date: 28 JUN 2017 21:41:48

Highest Channel / 15MHz / QPSK



Date: 28 JUN 2017 21:42:31

Highest Channel / 15MHz / 16QAM

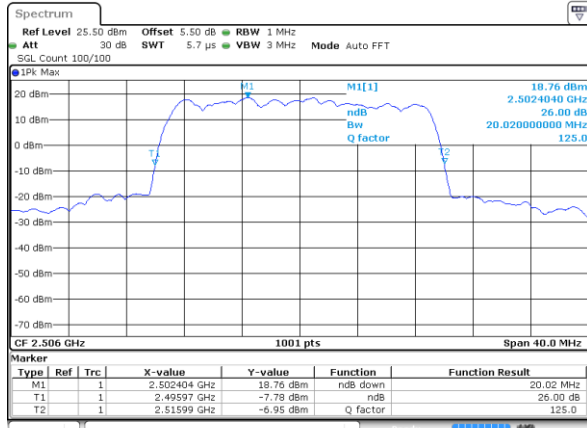


Date: 28 JUN 2017 21:42:56

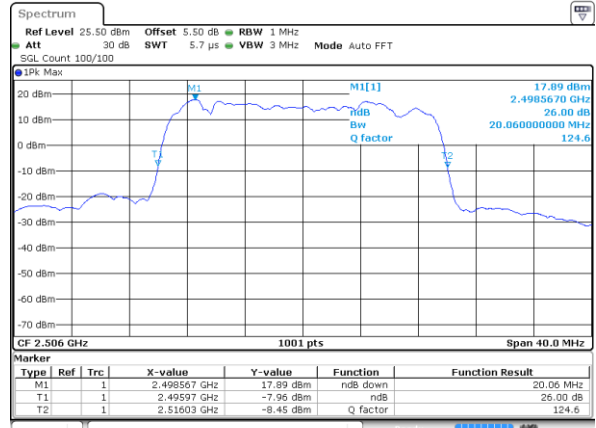


LTE Band 41

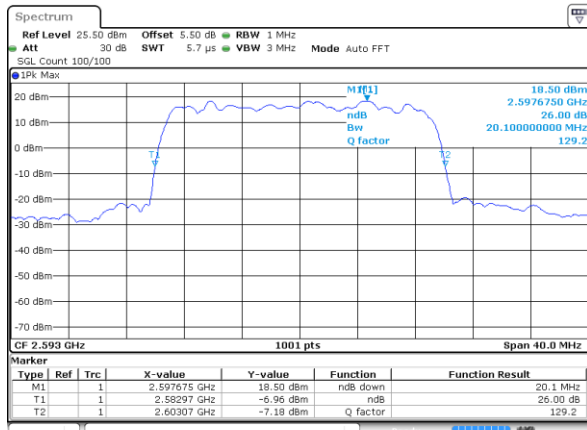
Lowest Channel / 20MHz / QPSK



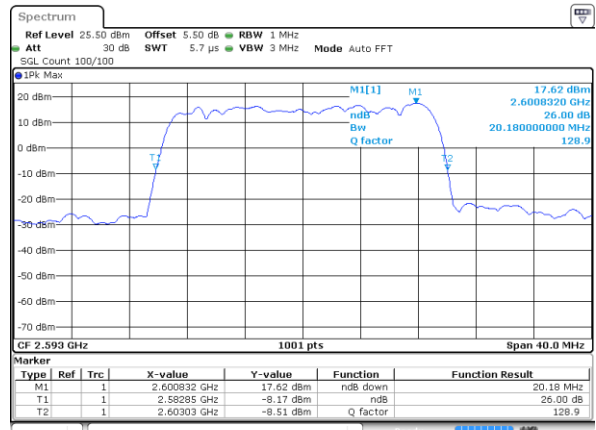
Lowest Channel / 20MHz / 16QAM



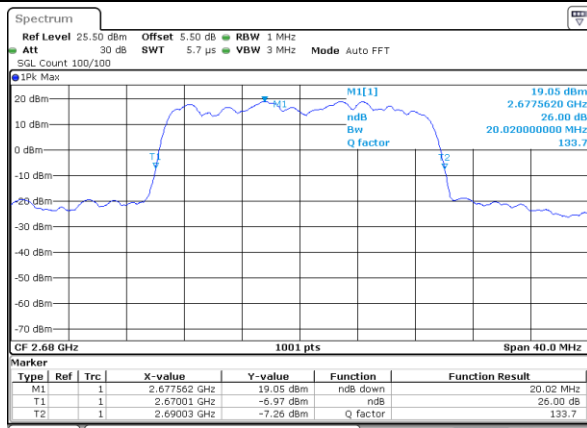
Middle Channel / 20MHz / QPSK



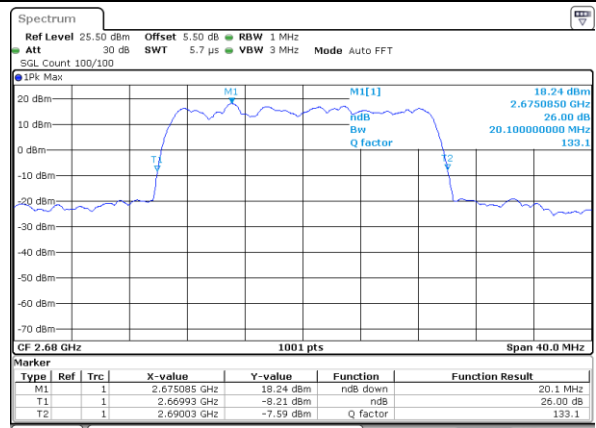
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



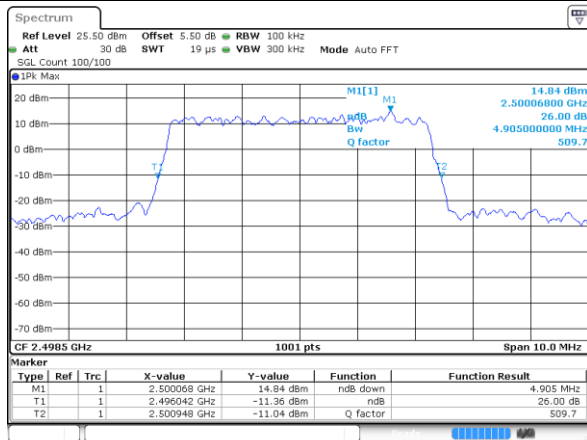
Highest Channel / 20MHz / 16QAM





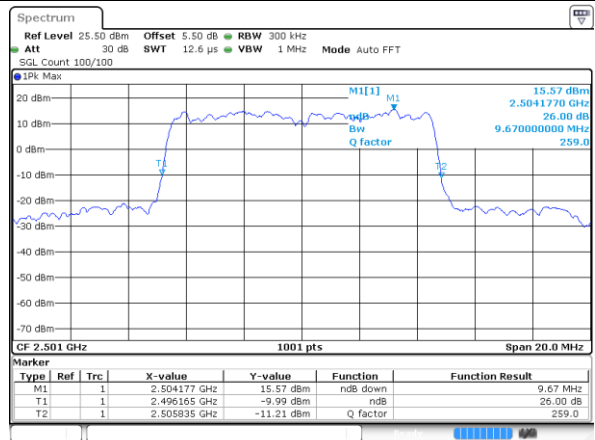
LTE Band 41

Lowest Channel / 5MHz / 64QAM



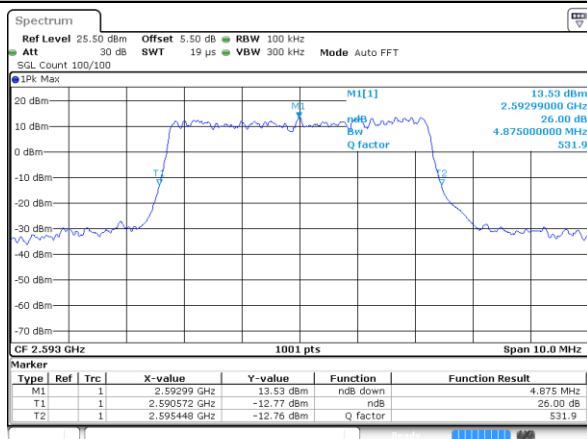
Date: 28 JUN 2017 21:31:39

Lowest Channel / 10MHz / 64QAM



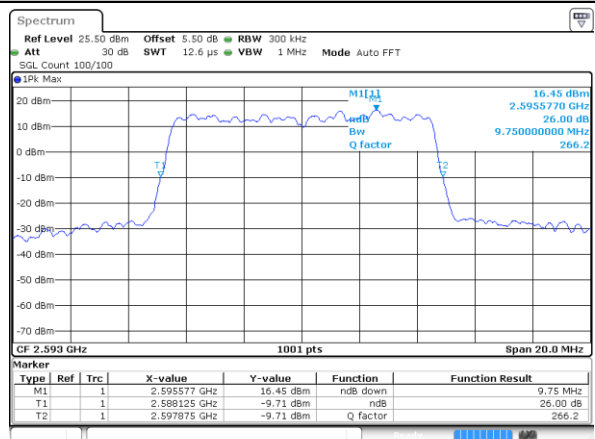
Date: 28 JUN 2017 21:35:03

Middle Channel / 5MHz / 64QAM



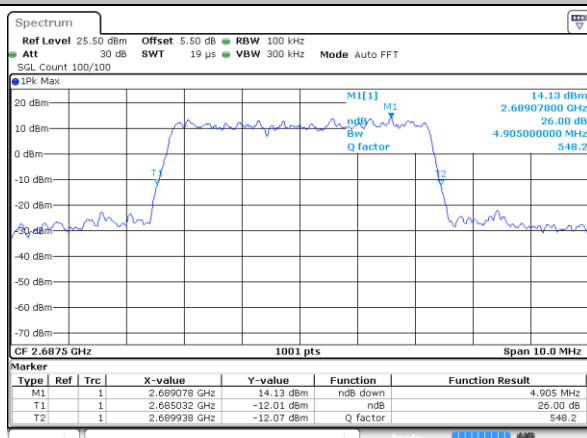
Date: 28 JUN 2017 21:32:12

Middle Channel / 10MHz / 64QAM



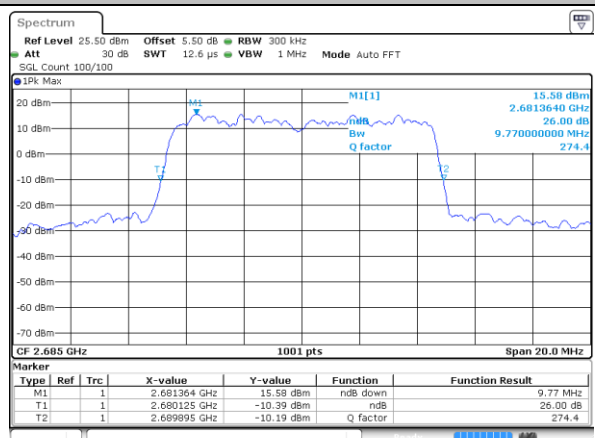
Date: 28 JUN 2017 21:36:13

Highest Channel / 5MHz / 64QAM



Date: 28 JUN 2017 21:32:42

Highest Channel / 10MHz / 64QAM

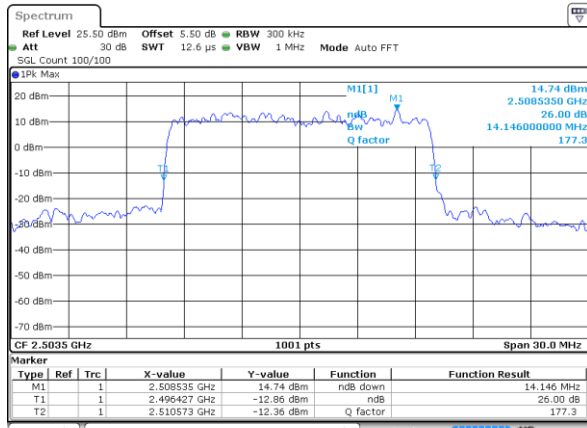


Date: 28 JUN 2017 21:39:38



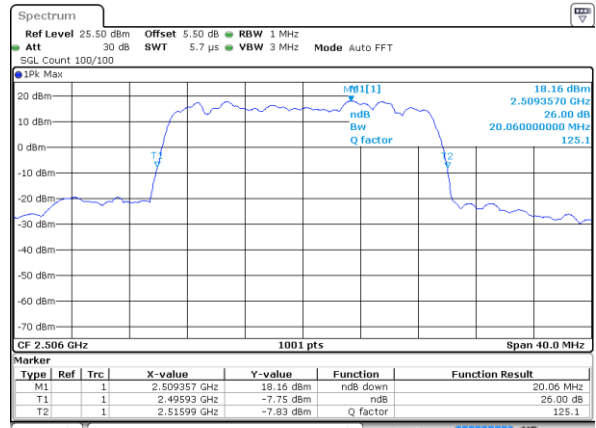
LTE Band 41

Lowest Channel / 15MHz / 64QAM



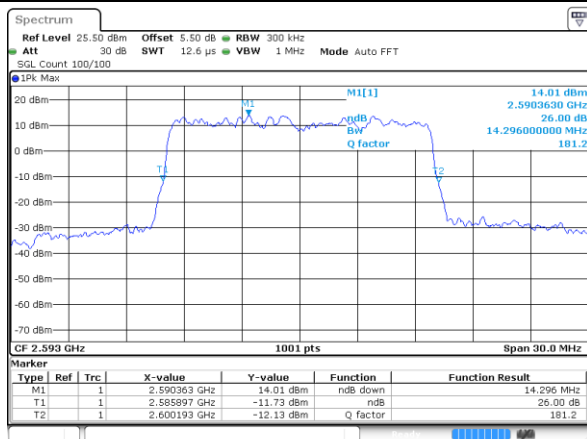
Date: 28 JUN 2017 21:41:03

Lowest Channel / 20MHz / 64QAM



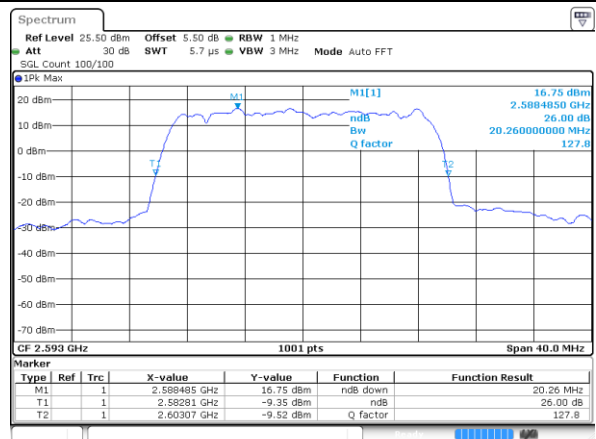
Date: 28 JUN 2017 21:49:49

Middle Channel / 15MHz / 64QAM



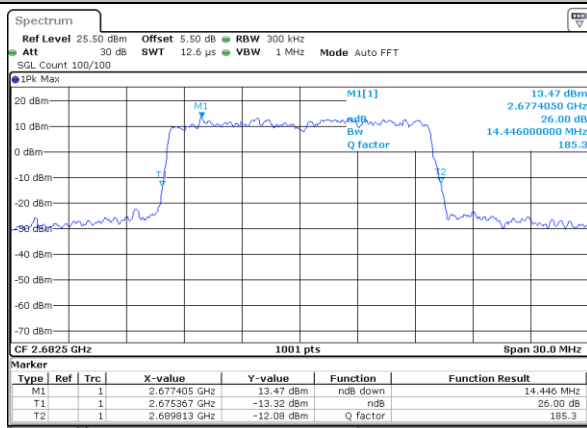
Date: 28 JUN 2017 21:42:07

Middle Channel / 20MHz / 64QAM



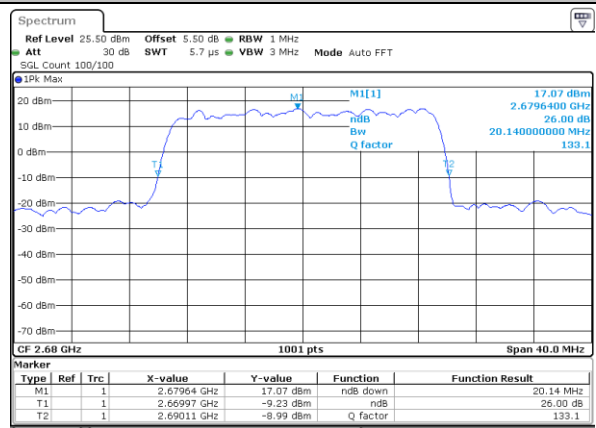
Date: 28 JUN 2017 21:51:22

Highest Channel / 15MHz / 64QAM



Date: 28 JUN 2017 21:43:16

Highest Channel / 20MHz / 64QAM



Date: 28 JUN 2017 21:51:44



Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.49	4.50	9.09	8.97	13.43	13.55	18.42	18.38
Middle CH	1.09	1.09	2.74	2.75	4.47	4.50	9.01	9.01	13.40	13.46	18.26	18.22
Highest CH	1.10	1.09	2.72	2.74	4.49	4.51	8.99	9.05	13.43	13.43	18.22	18.14
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.75	4.48	9.03	13.46	18.22						
Middle CH	1.09	2.72	4.48	8.99	13.40	18.30						
Highest CH	1.09	2.74	4.50	9.09	13.43	18.42						

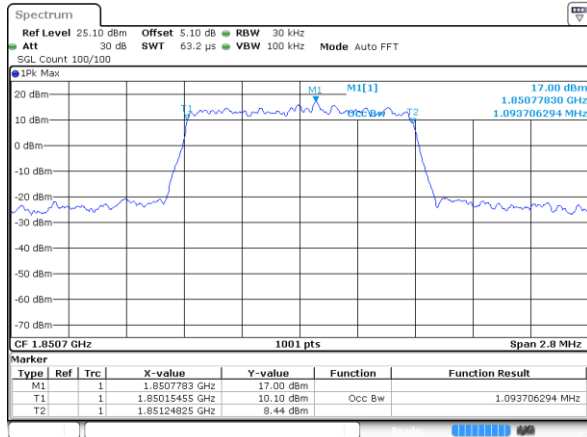
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.50	4.49	9.03	9.01	13.43	13.46	18.30	18.34
Middle CH	1.09	1.09	2.72	2.71	4.52	4.50	8.99	8.97	13.43	13.46	18.38	18.54
Highest CH	1.09	1.09	2.72	2.72	4.49	4.50	9.07	9.05	13.43	13.37	18.38	18.34
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.74	4.50	9.07	13.40	18.34						
Middle CH	1.09	2.73	4.49	8.97	13.43	18.30						
Highest CH	1.09	2.72	4.49	9.01	13.46	18.42						

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.49	4.50	8.99	9.03	13.46	13.46	18.30	18.18	4.48	9.01	13.37	18.50
Middle CH	4.50	4.51	9.11	9.05	13.43	13.43	18.30	18.34	4.47	9.01	13.37	18.26
Highest CH	4.49	4.52	9.01	9.03	13.49	13.43	18.22	18.34	4.50	8.99	13.46	18.38

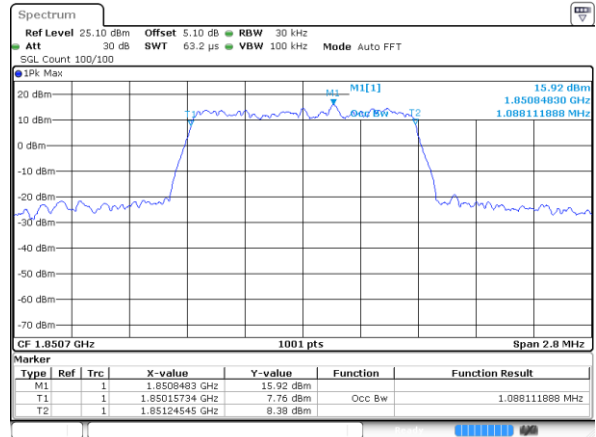


LTE Band 2

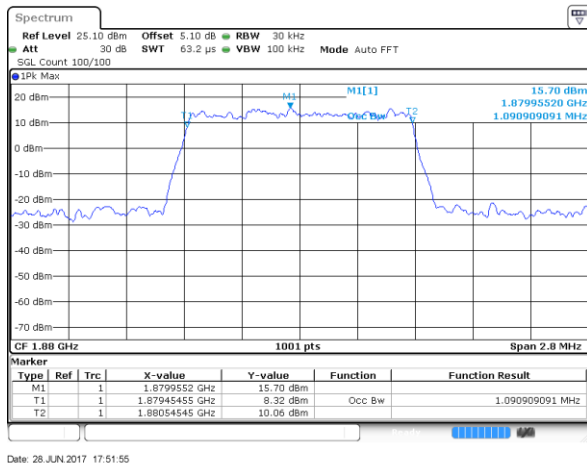
Lowest Channel / 1.4MHz / QPSK



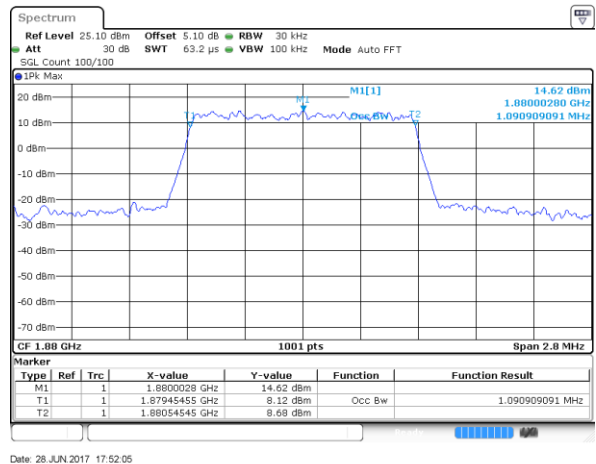
Lowest Channel / 1.4MHz / 16QAM



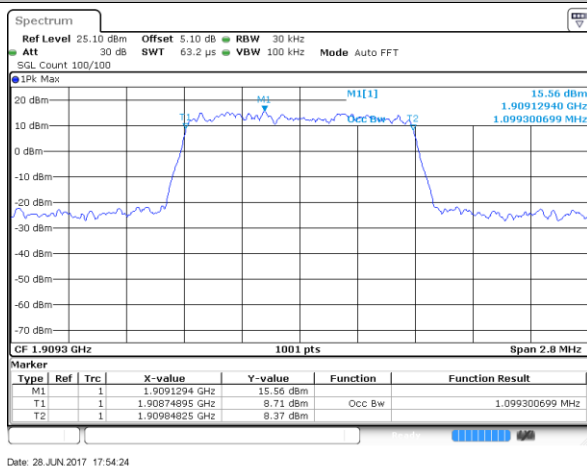
Middle Channel / 1.4MHz / QPSK



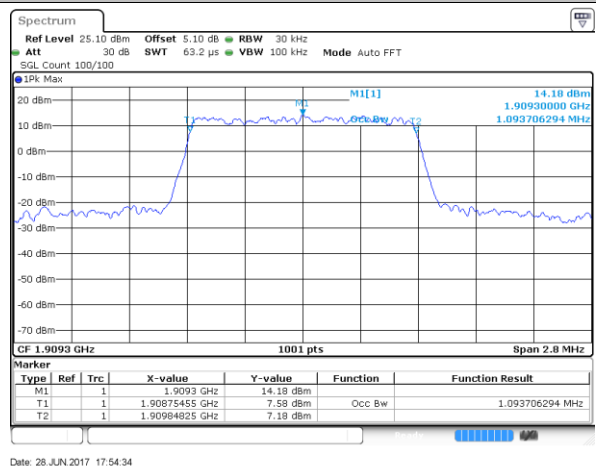
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



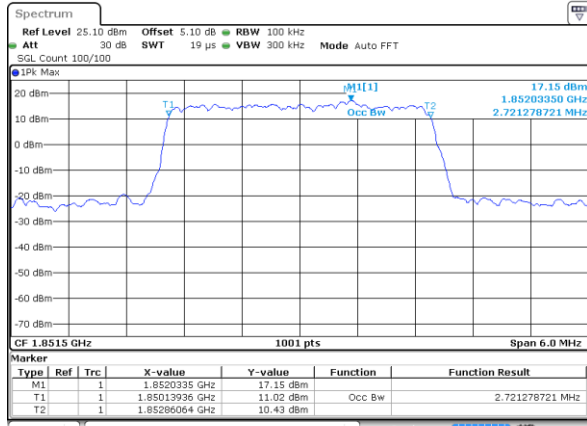
Highest Channel / 1.4MHz / 16QAM





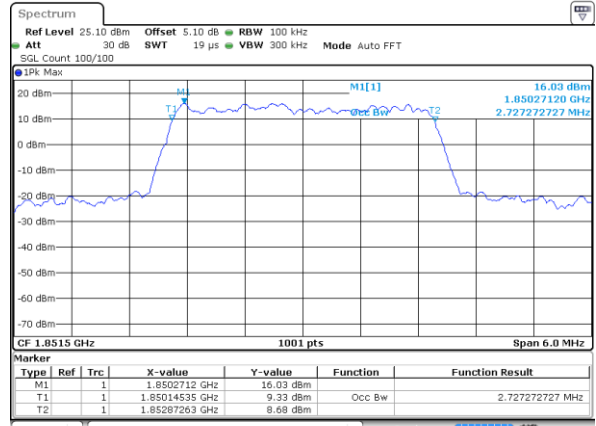
LTE Band 2

Lowest Channel / 3MHz / QPSK



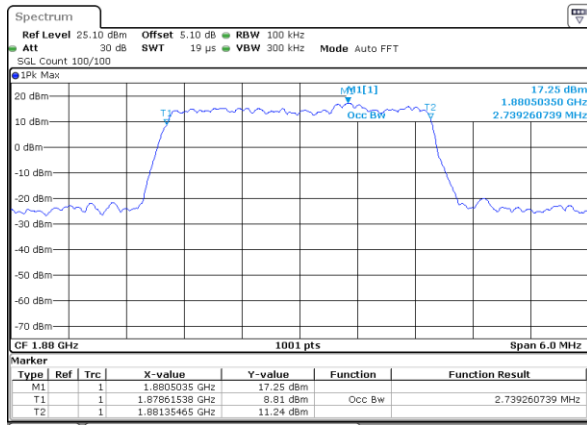
Date: 28 JUN 2017 18:01:22

Lowest Channel / 3MHz / 16QAM



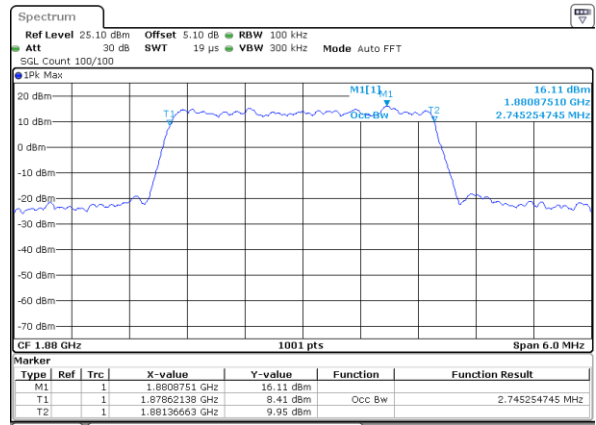
Date: 28 JUN 2017 18:01:32

Middle Channel / 3MHz / QPSK



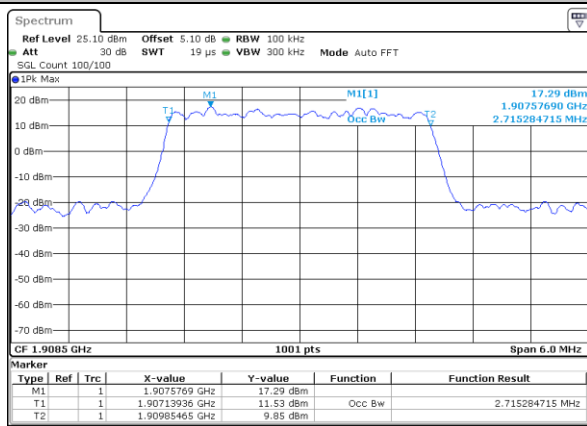
Date: 28 JUN 2017 18:08:21

Middle Channel / 3MHz / 16QAM



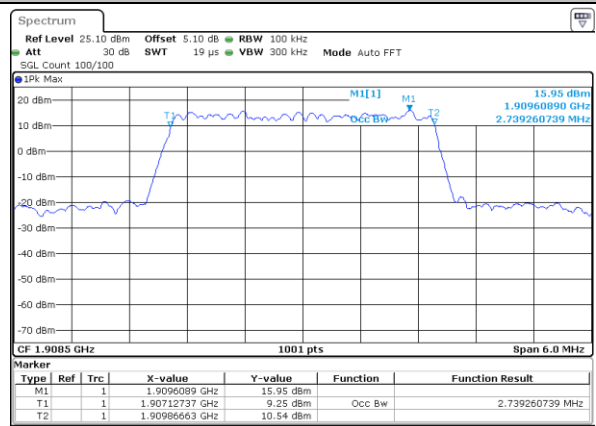
Date: 28 JUN 2017 18:08:31

Highest Channel / 3MHz / QPSK



Date: 28 JUN 2017 18:10:49

Highest Channel / 3MHz / 16QAM

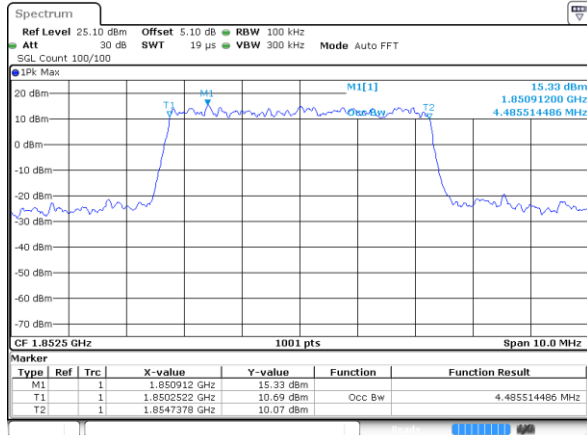


Date: 28 JUN 2017 18:10:59

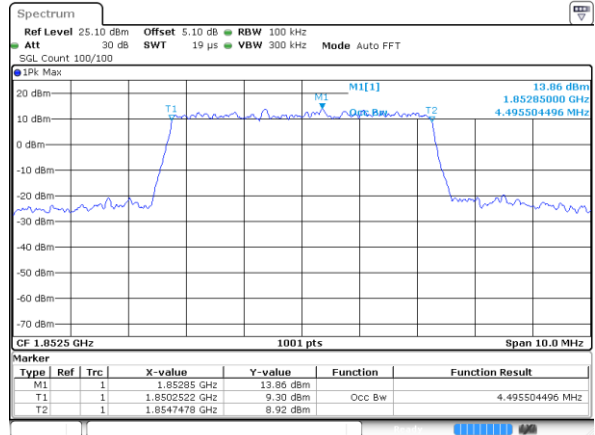


LTE Band 2

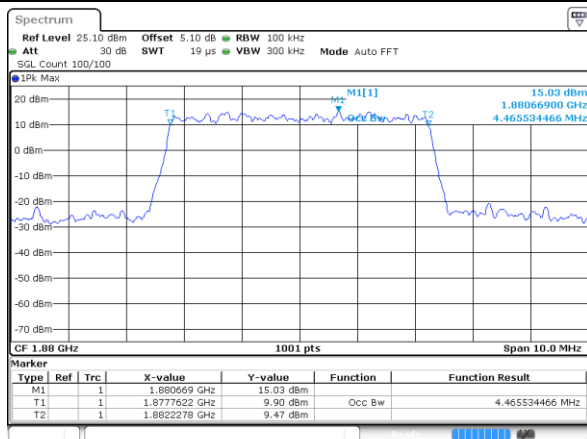
Lowest Channel / 5MHz / QPSK



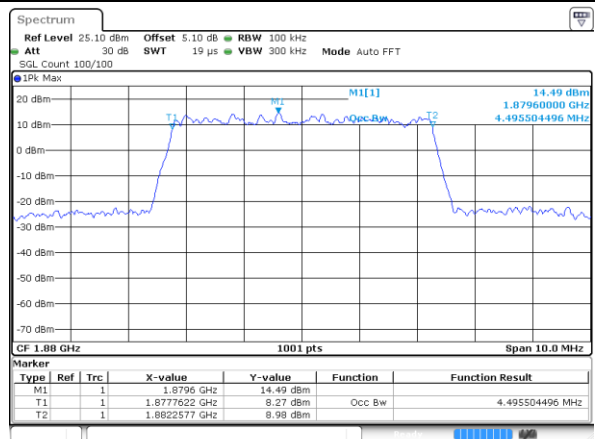
Lowest Channel / 5MHz / 16QAM



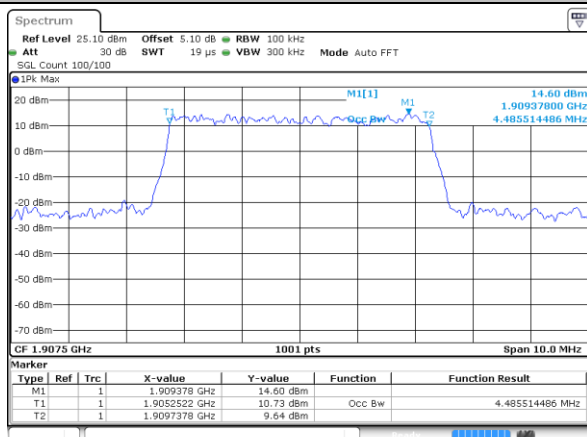
Middle Channel / 5MHz / QPSK



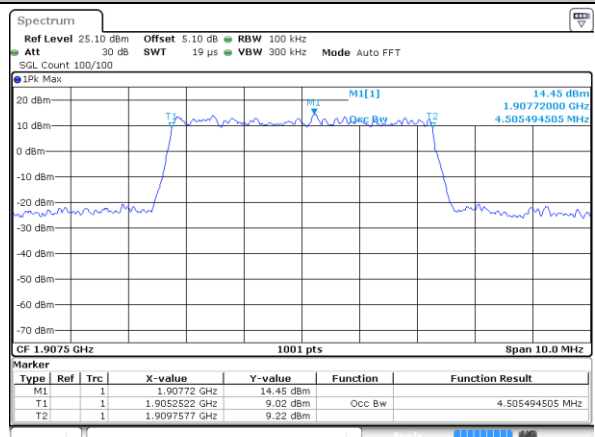
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



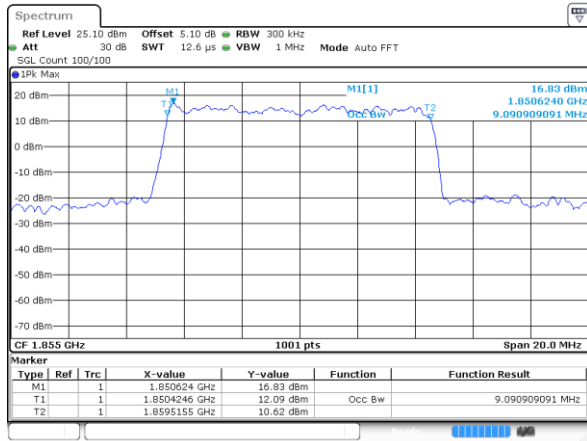
Highest Channel / 5MHz / 16QAM





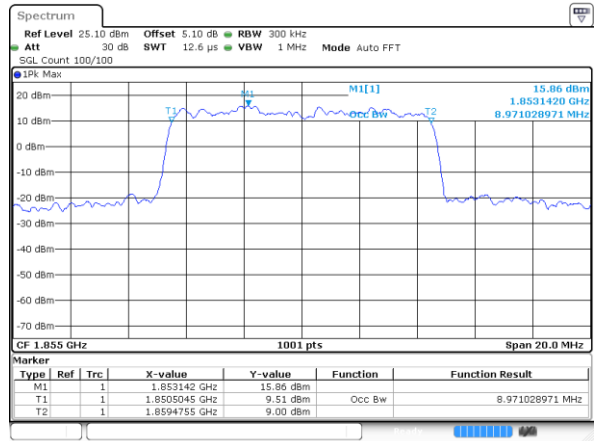
LTE Band 2

Lowest Channel / 10MHz / QPSK



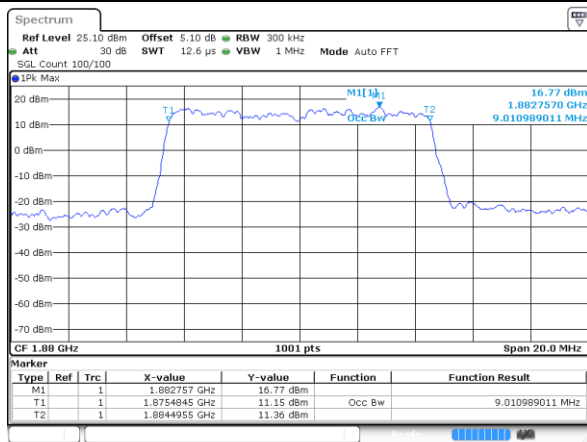
Date: 28 JUN 2017 18:34:13

Lowest Channel / 10MHz / 16QAM



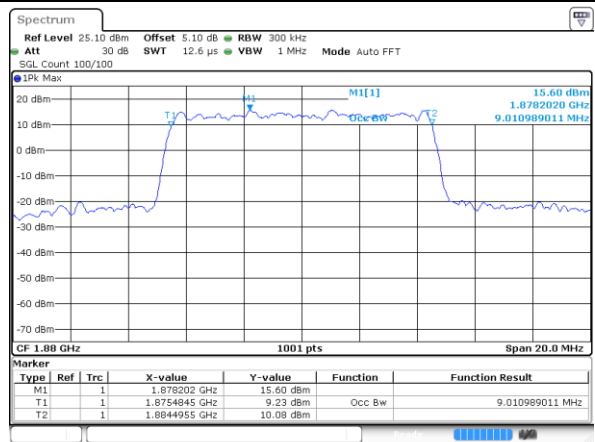
Date: 28 JUN 2017 18:34:23

Middle Channel / 10MHz / QPSK



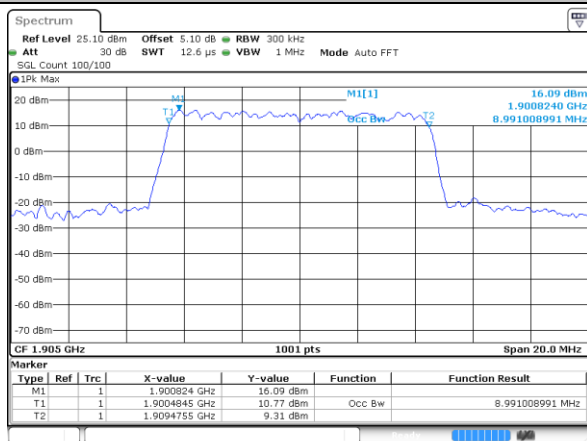
Date: 28 JUN 2017 18:41:11

Middle Channel / 10MHz / 16QAM



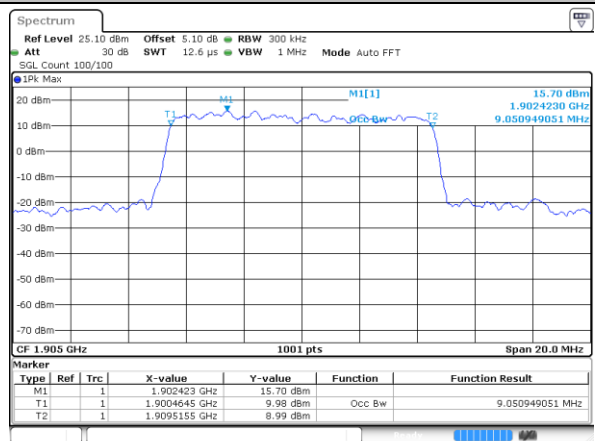
Date: 28 JUN 2017 18:41:21

Highest Channel / 10MHz / QPSK



Date: 28 JUN 2017 18:43:40

Highest Channel / 10MHz / 16QAM

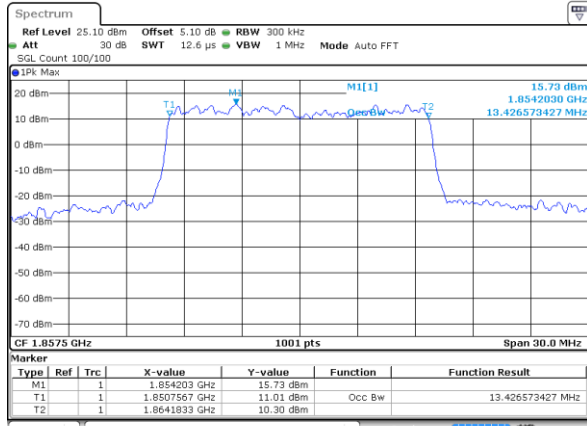


Date: 28 JUN 2017 18:43:50

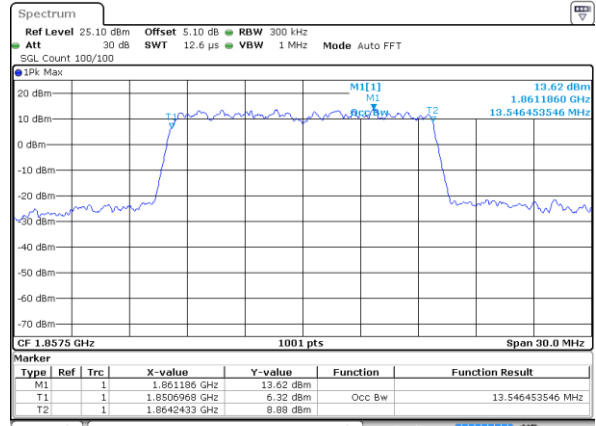


LTE Band 2

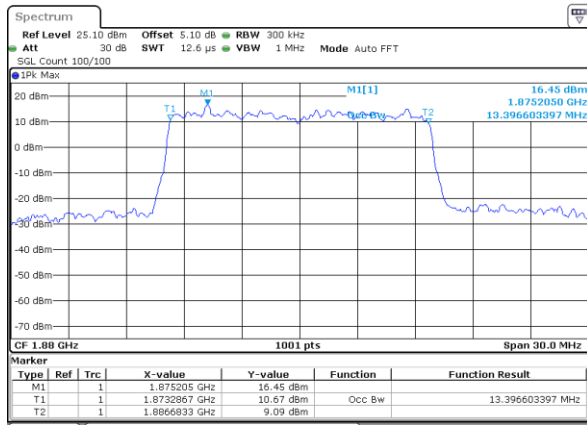
Lowest Channel / 15MHz / QPSK



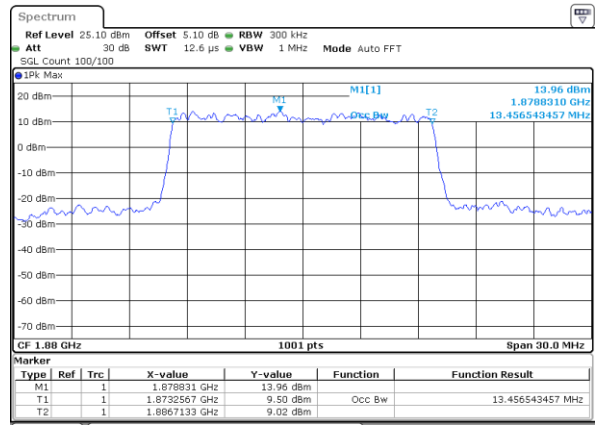
Lowest Channel / 15MHz / 16QAM



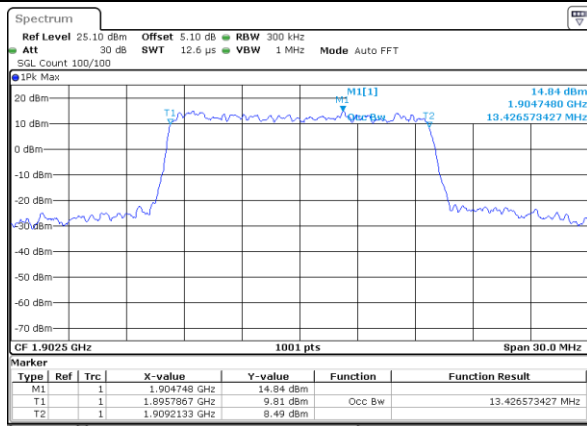
Middle Channel / 15MHz / QPSK



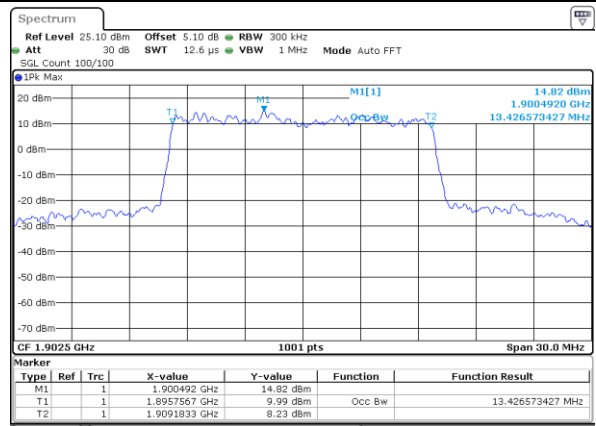
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



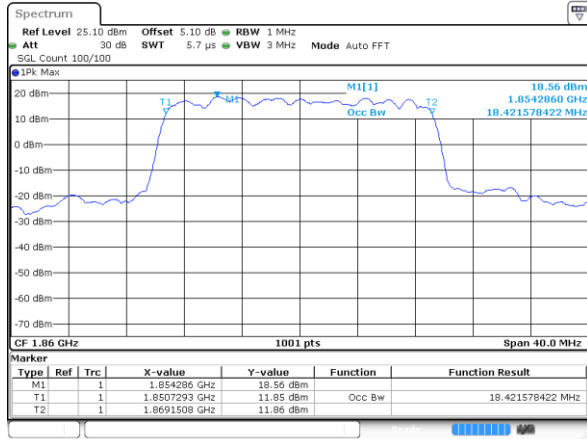
Highest Channel / 15MHz / 16QAM





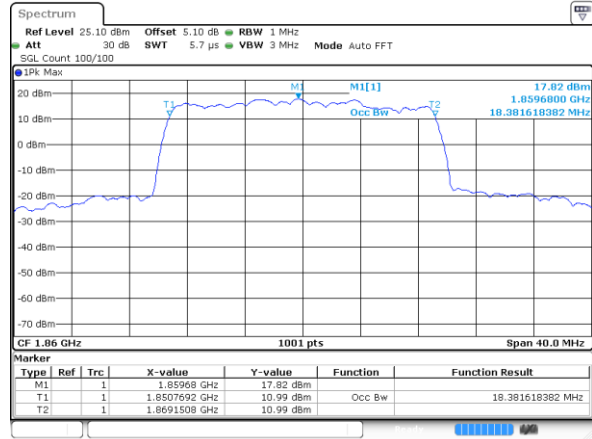
LTE Band 2

Lowest Channel / 20MHz / QPSK



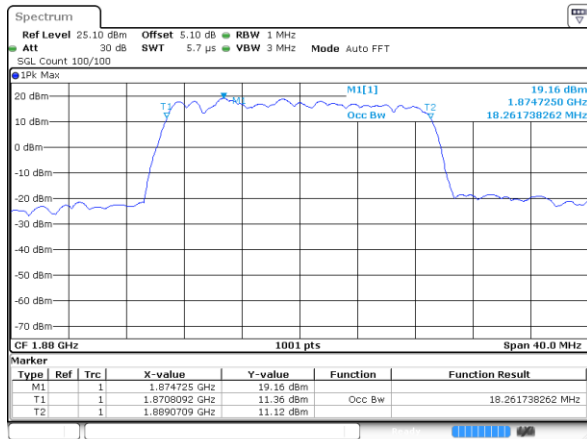
Date: 28 JUN 2017 19:07:04

Lowest Channel / 20MHz / 16QAM



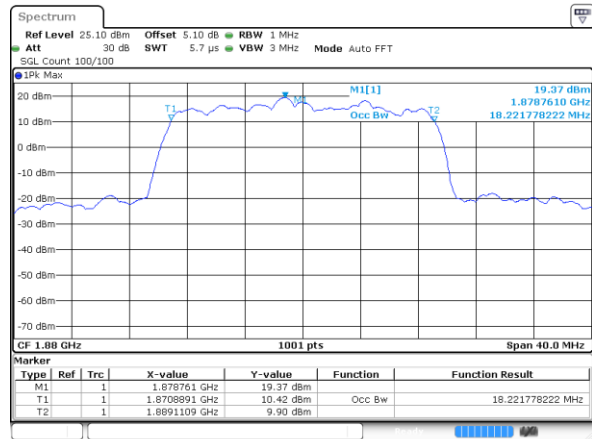
Date: 28 JUN 2017 19:07:14

Middle Channel / 20MHz / QPSK



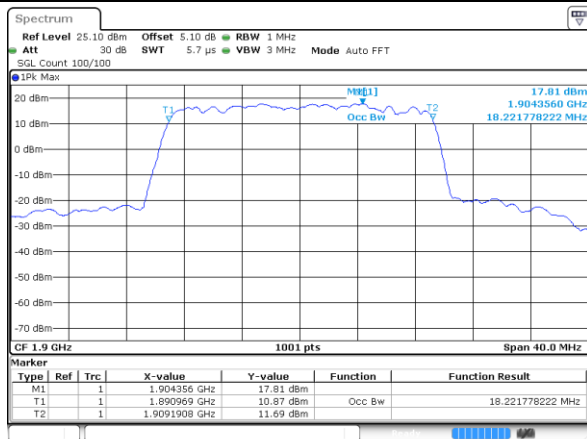
Date: 28 JUN 2017 19:14:02

Middle Channel / 20MHz / 16QAM



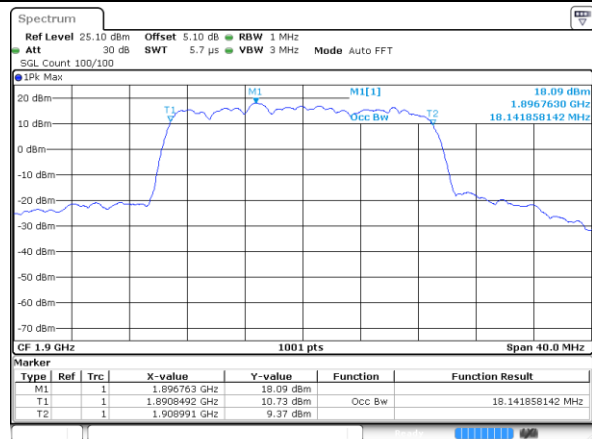
Date: 28 JUN 2017 19:14:12

Highest Channel / 20MHz / QPSK



Date: 28 JUN 2017 19:16:31

Highest Channel / 20MHz / 16QAM



Date: 28 JUN 2017 19:16:41