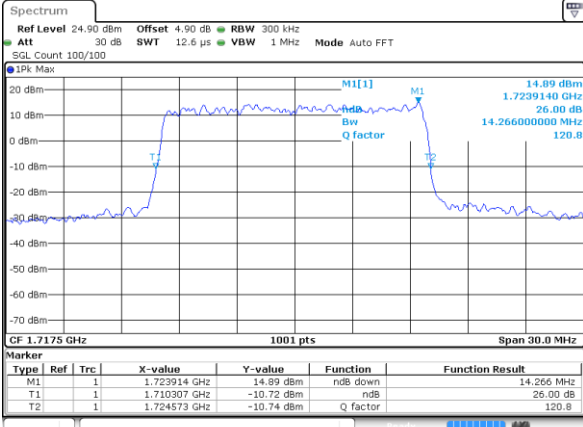




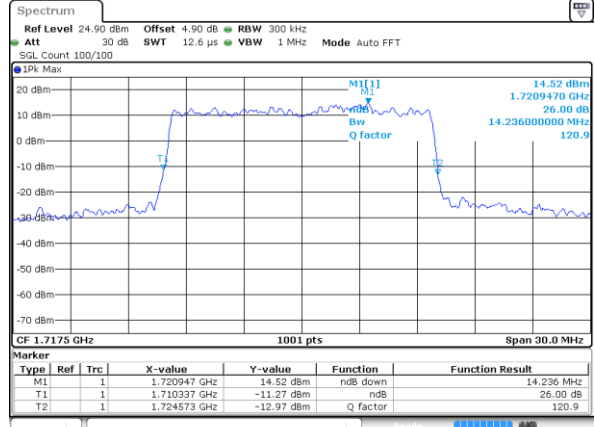
LTE Band 4

Lowest Channel / 15MHz / QPSK



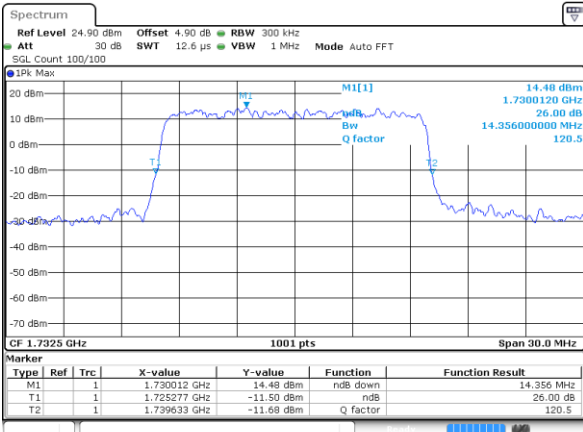
Date: 25 APR 2018 09:47:07

Lowest Channel / 15MHz / 16QAM



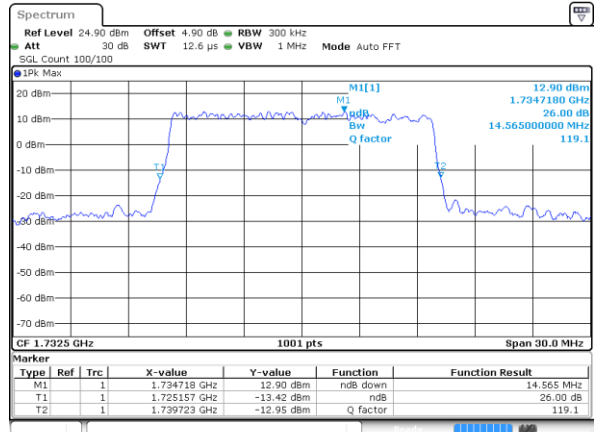
Date: 25 APR 2018 09:47:17

Middle Channel / 15MHz / QPSK



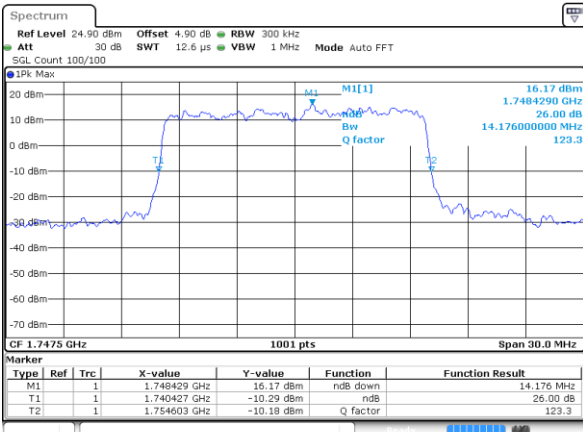
Date: 25 APR 2018 09:54:12

Middle Channel / 15MHz / 16QAM



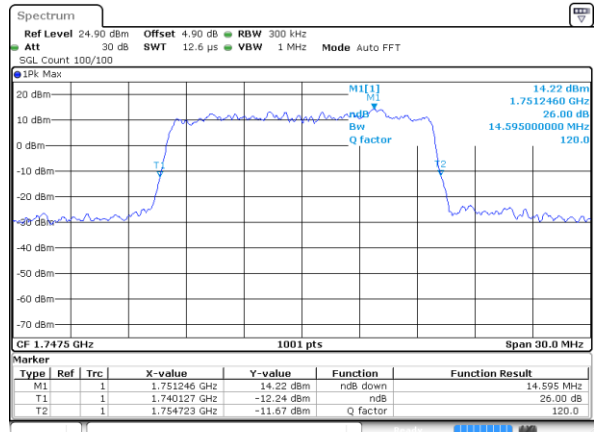
Date: 25 APR 2018 09:54:23

Highest Channel / 15MHz / QPSK



Date: 25 APR 2018 09:56:46

Highest Channel / 15MHz / 16QAM

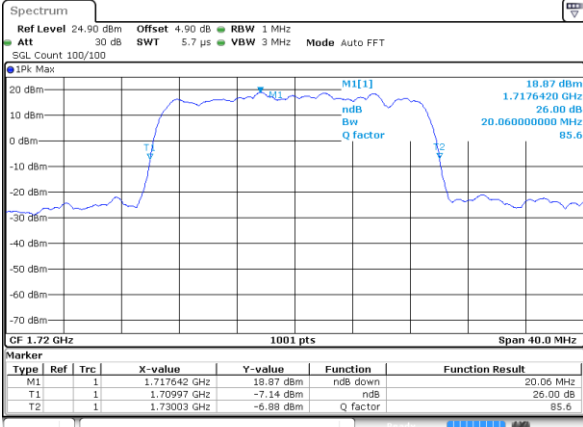


Date: 25 APR 2018 09:56:56



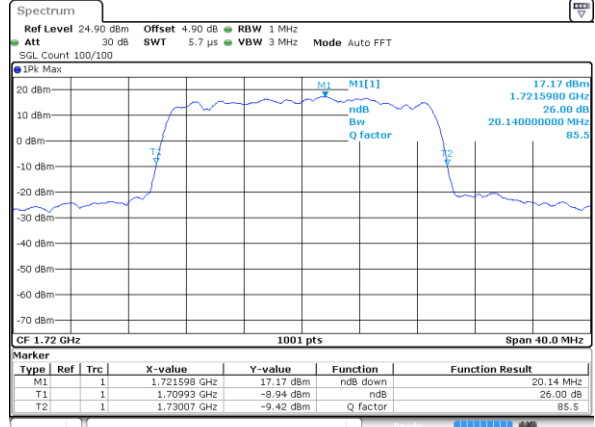
LTE Band 4

Lowest Channel / 20MHz / QPSK



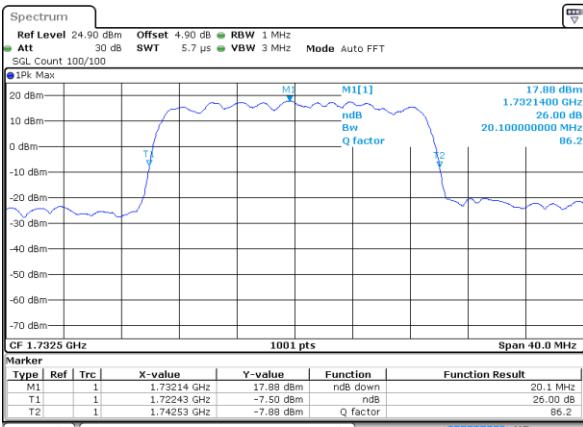
Date: 25 APR 2018 10:03:55

Lowest Channel / 20MHz / 16QAM



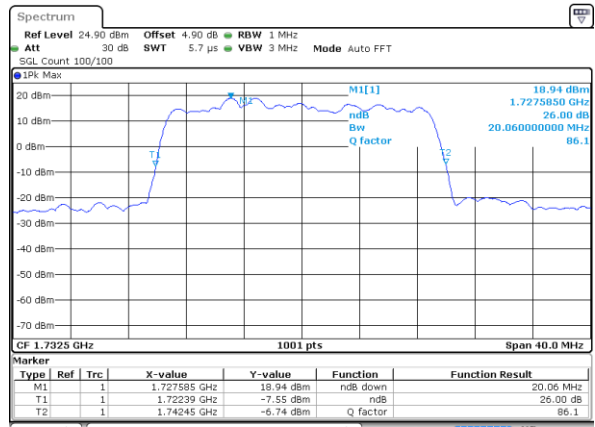
Date: 25 APR 2018 10:04:06

Middle Channel / 20MHz / QPSK



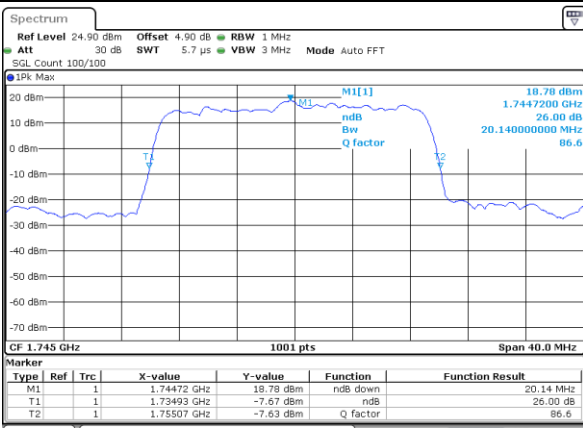
Date: 25 APR 2018 10:11:01

Middle Channel / 20MHz / 16QAM



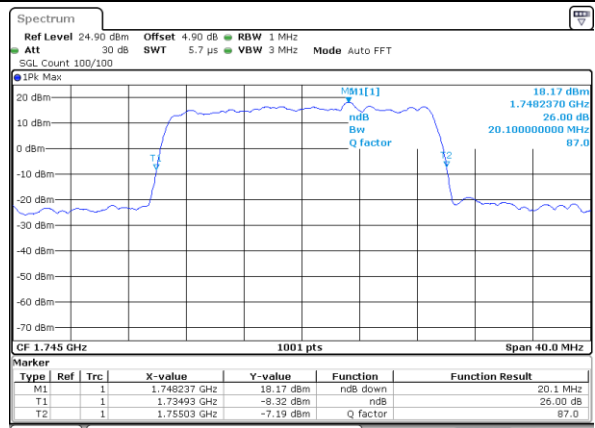
Date: 25 APR 2018 10:11:11

Highest Channel / 20MHz / QPSK



Date: 25 APR 2018 10:13:34

Highest Channel / 20MHz / 16QAM

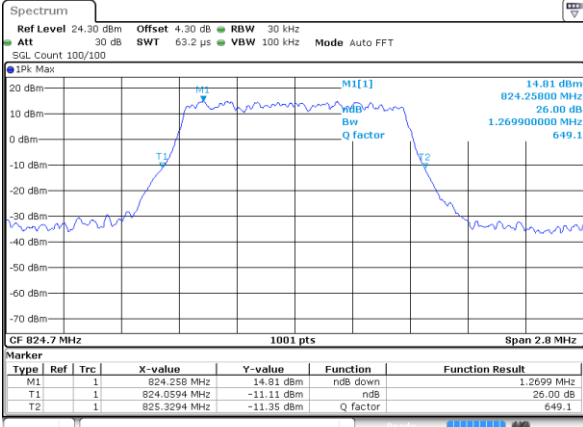


Date: 25 APR 2018 10:13:45



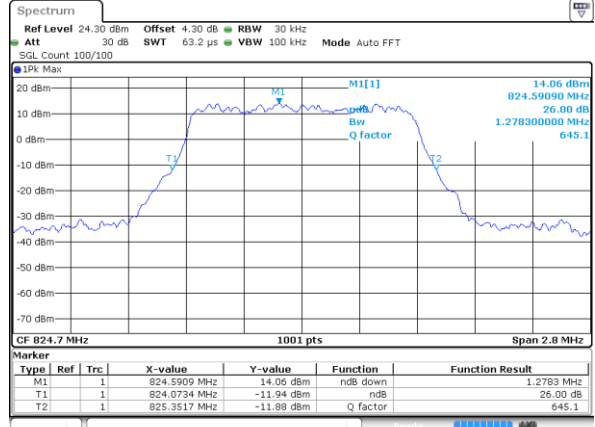
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



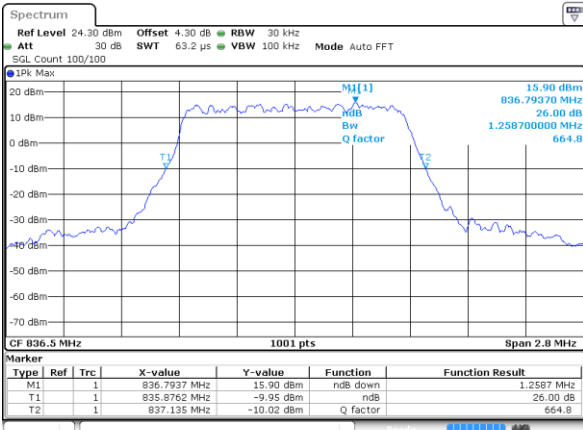
Date: 24 APR 2018 16:01:54

Lowest Channel / 1.4MHz / 16QAM



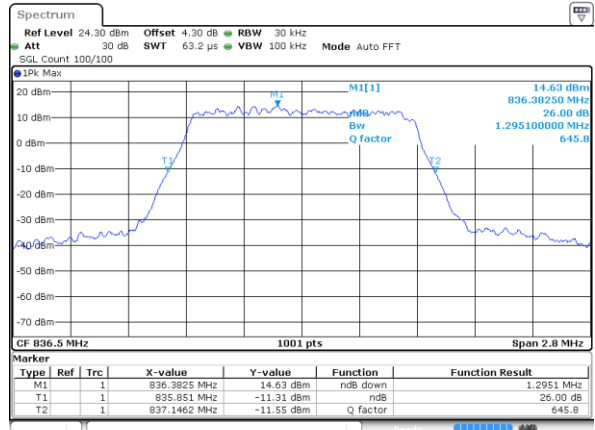
Date: 24 APR 2018 16:01:43

Middle Channel / 1.4MHz / QPSK



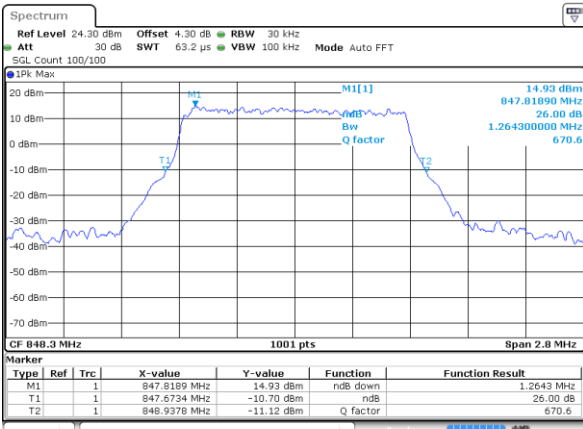
Date: 24 APR 2018 16:10:49

Middle Channel / 1.4MHz / 16QAM



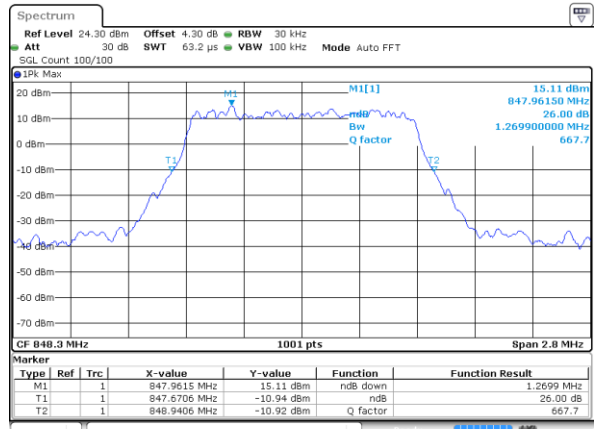
Date: 24 APR 2018 16:11:00

Highest Channel / 1.4MHz / QPSK



Date: 24 APR 2018 16:13:23

Highest Channel / 1.4MHz / 16QAM

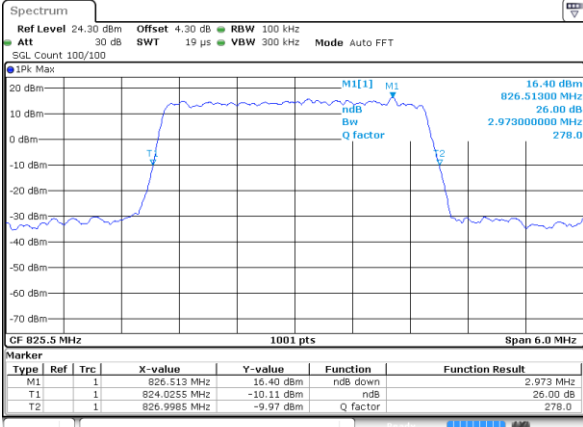


Date: 24 APR 2018 16:13:34



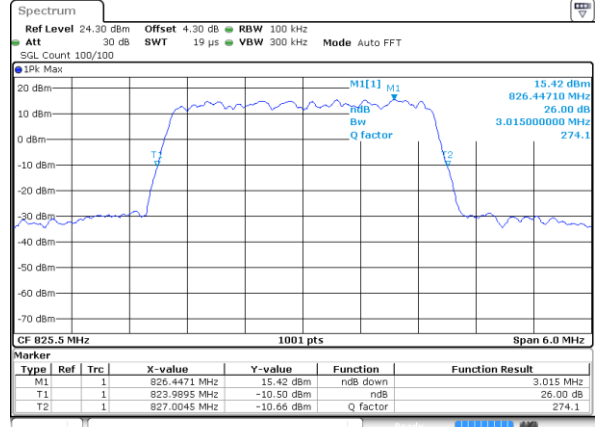
LTE Band 5

Lowest Channel / 3MHz / QPSK



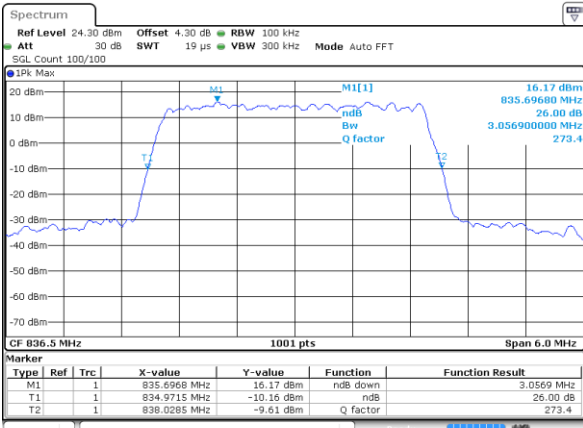
Date: 24 APR 2018 16:22:29

Lowest Channel / 3MHz / 16QAM



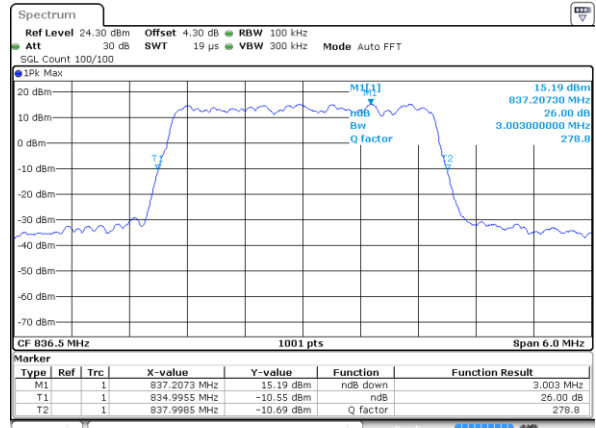
Date: 24 APR 2018 16:22:39

Middle Channel / 3MHz / QPSK



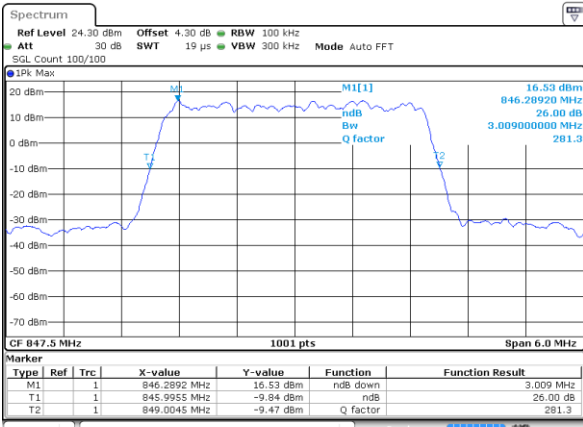
Date: 24 APR 2018 16:31:34

Middle Channel / 3MHz / 16QAM



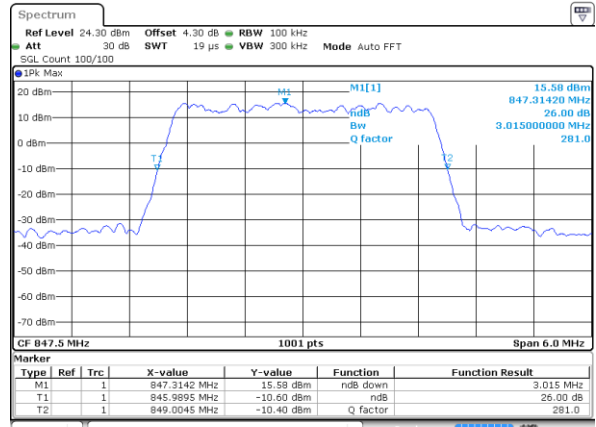
Date: 24 APR 2018 16:31:44

Highest Channel / 3MHz / QPSK



Date: 24 APR 2018 16:34:07

Highest Channel / 3MHz / 16QAM

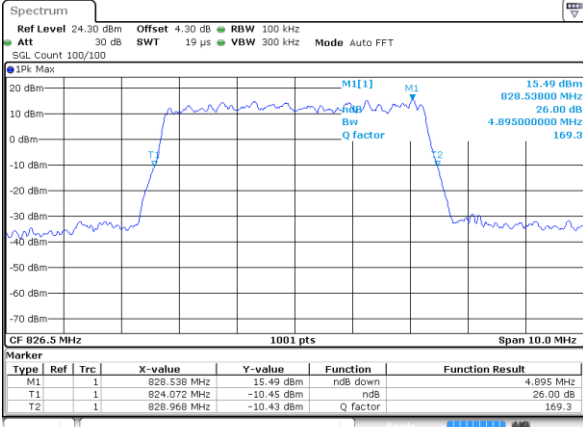


Date: 24 APR 2018 16:34:17



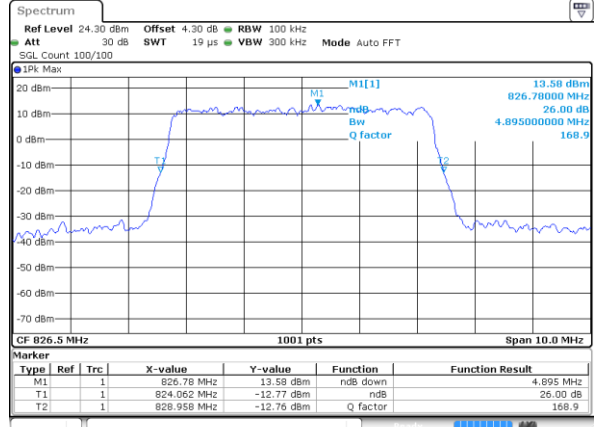
LTE Band 5

Lowest Channel / 5MHz / QPSK



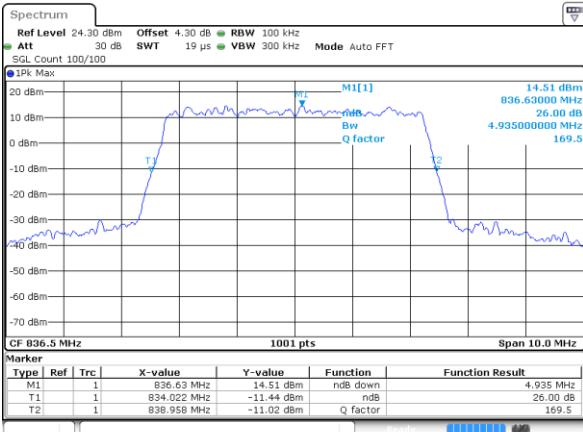
Date: 24 APR 2018 16:43:12

Lowest Channel / 5MHz / 16QAM



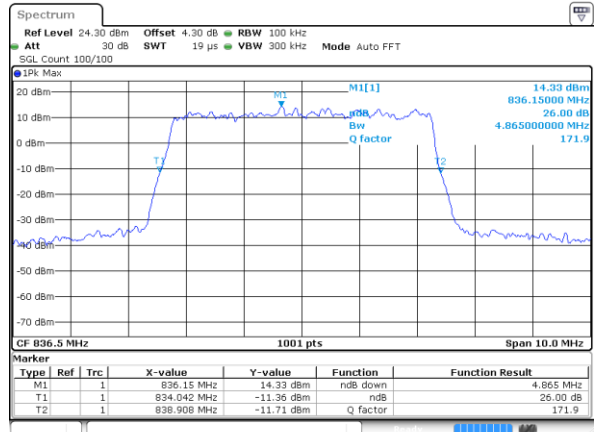
Date: 24 APR 2018 16:43:23

Middle Channel / 5MHz / QPSK



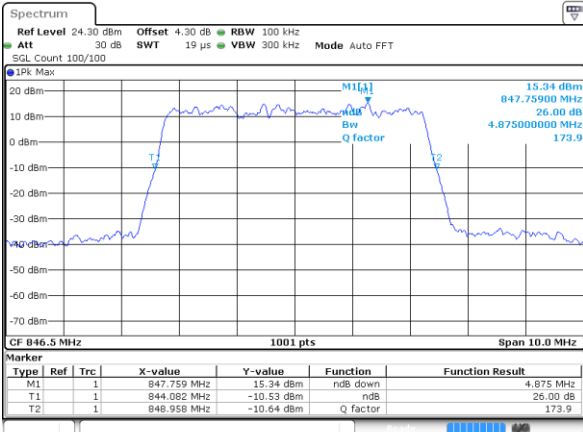
Date: 24 APR 2018 16:52:17

Middle Channel / 5MHz / 16QAM



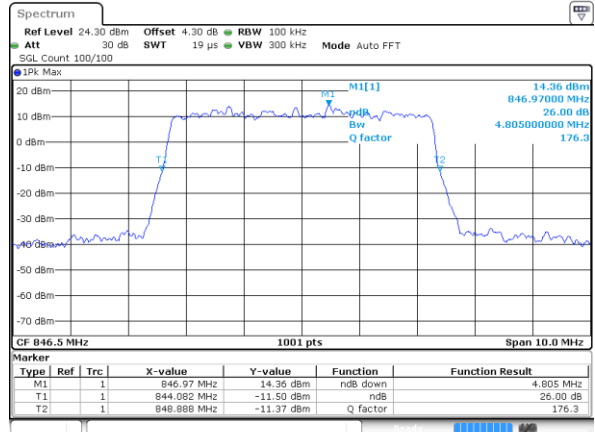
Date: 24 APR 2018 16:52:28

Highest Channel / 5MHz / QPSK



Date: 24 APR 2018 16:54:51

Highest Channel / 5MHz / 16QAM

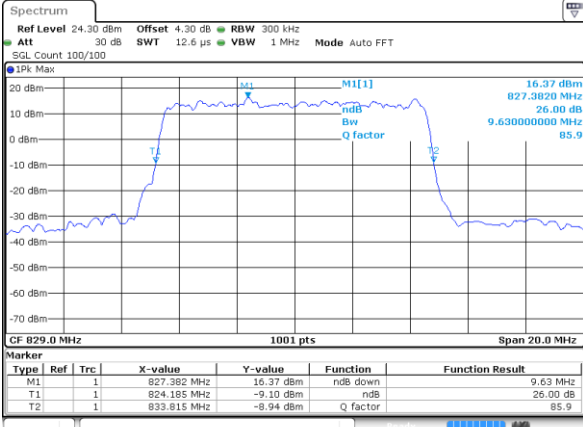


Date: 24 APR 2018 16:55:01



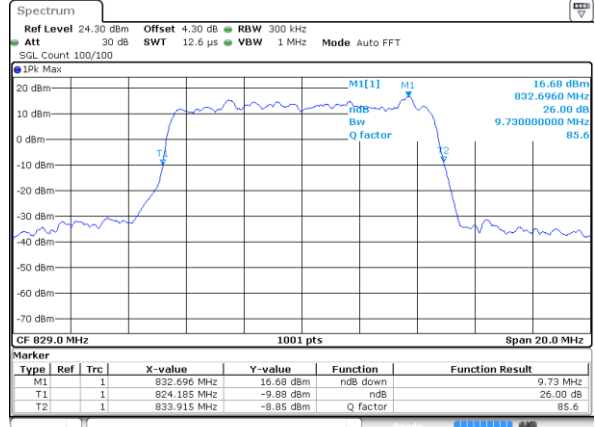
LTE Band 5

Lowest Channel / 10MHz / QPSK



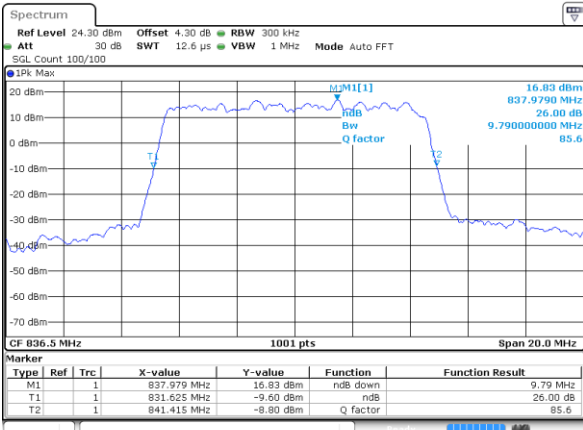
Date: 24 APR 2018 17:03:56

Lowest Channel / 10MHz / 16QAM



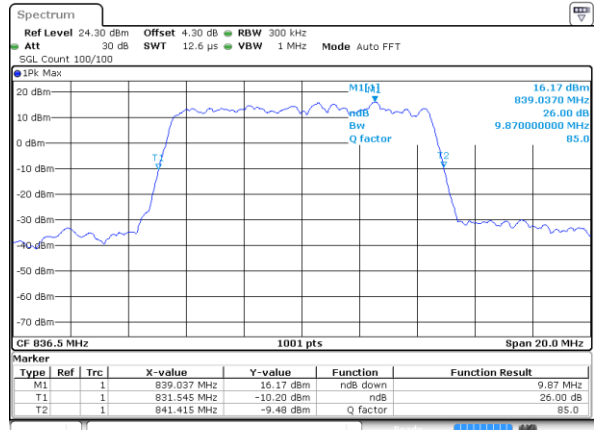
Date: 24 APR 2018 17:04:07

Middle Channel / 10MHz / QPSK



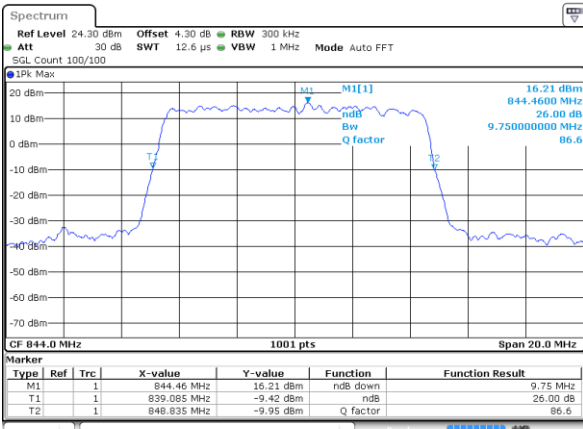
Date: 24 APR 2018 17:13:02

Middle Channel / 10MHz / 16QAM



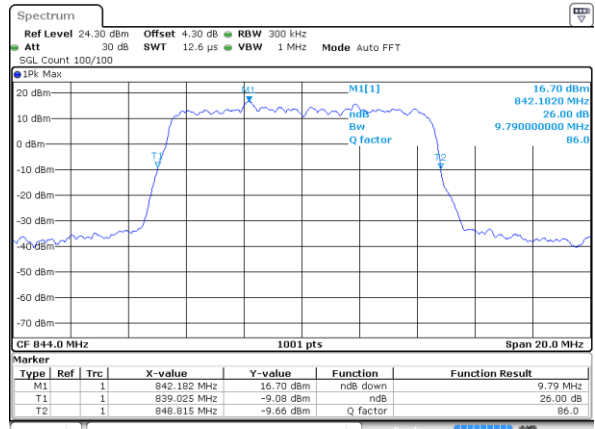
Date: 24 APR 2018 17:13:12

Highest Channel / 10MHz / QPSK



Date: 24 APR 2018 17:15:36

Highest Channel / 10MHz / 16QAM

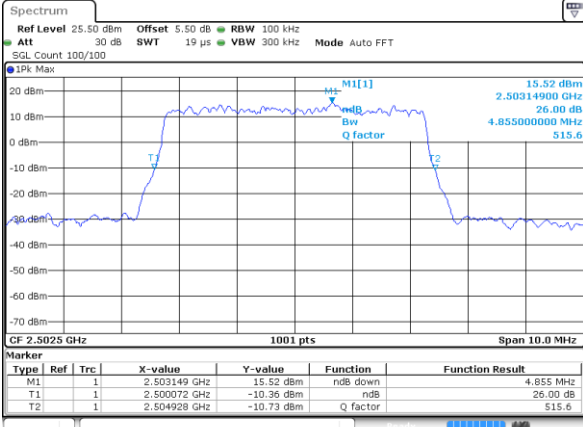


Date: 24 APR 2018 17:15:46



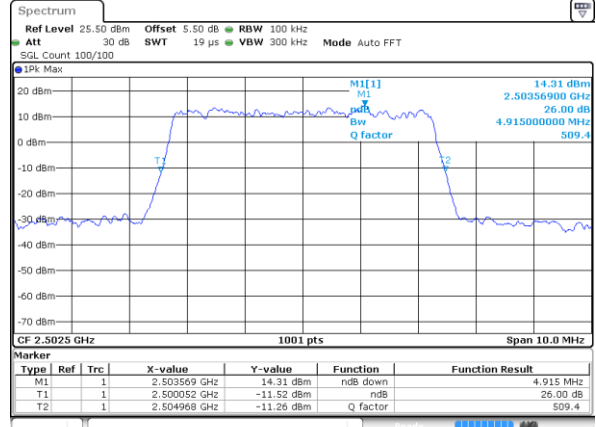
LTE Band 7

Lowest Channel / 5MHz / QPSK



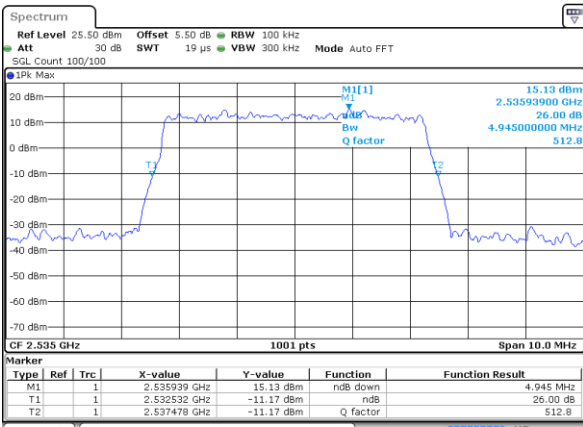
Date: 25 APR 2018 18:48:05

Lowest Channel / 5MHz / 16QAM



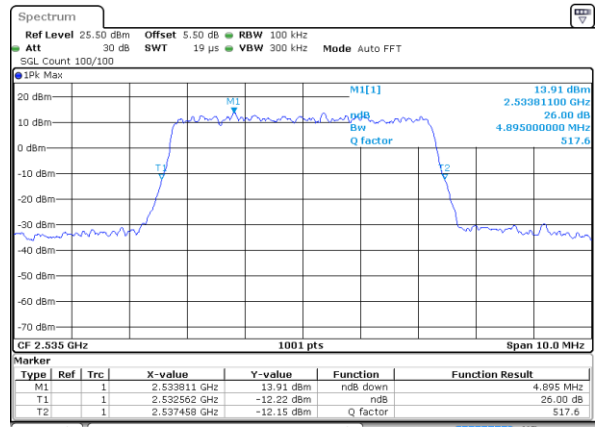
Date: 25 APR 2018 18:48:25

Middle Channel / 5MHz / QPSK



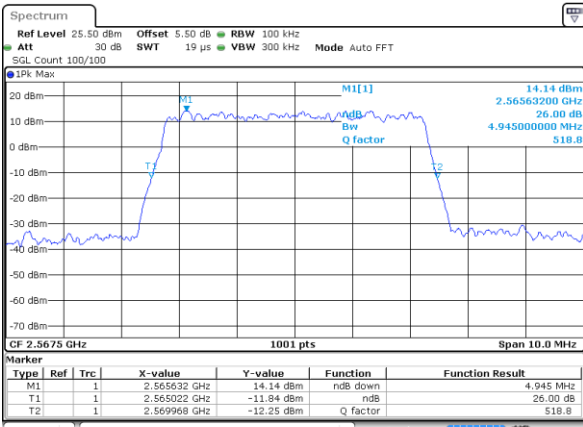
Date: 25 APR 2018 18:57:14

Middle Channel / 5MHz / 16QAM



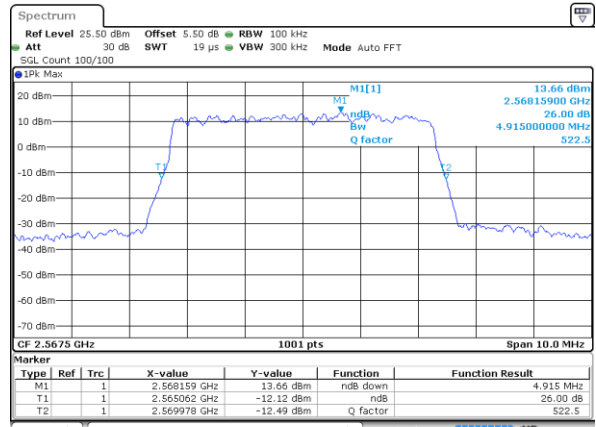
Date: 25 APR 2018 18:56:54

Highest Channel / 5MHz / QPSK



Date: 25 APR 2018 18:57:34

Highest Channel / 5MHz / 16QAM

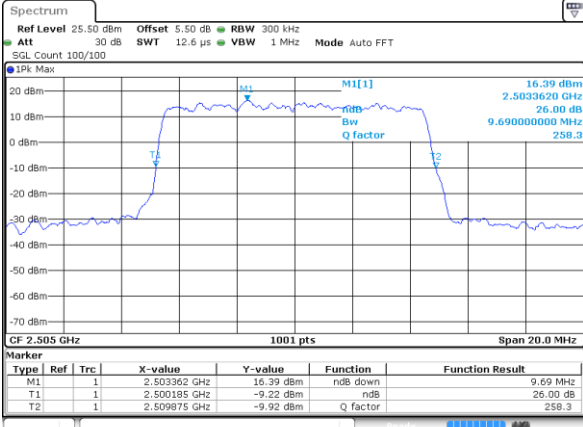


Date: 25 APR 2018 18:57:54



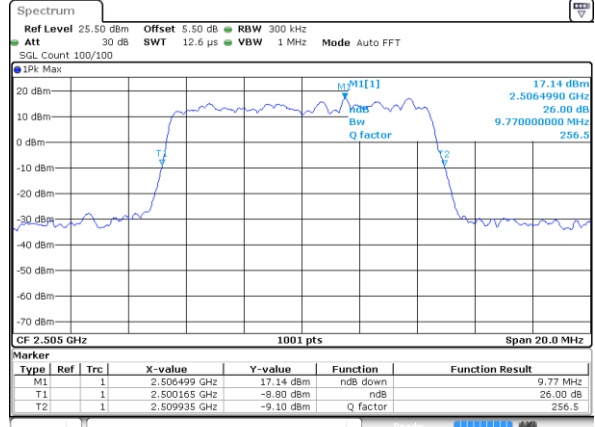
LTE Band 7

Lowest Channel / 10MHz / QPSK



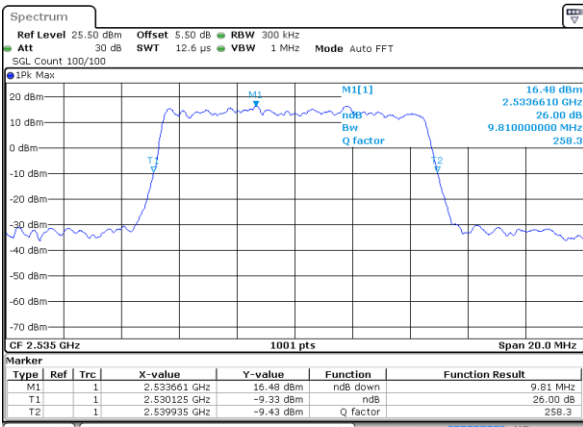
Date: 25 APR 2018 19:04:34

Lowest Channel / 10MHz / 16QAM



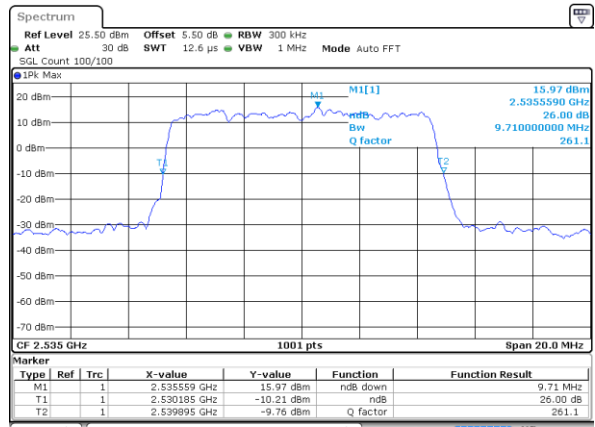
Date: 25 APR 2018 19:04:54

Middle Channel / 10MHz / QPSK



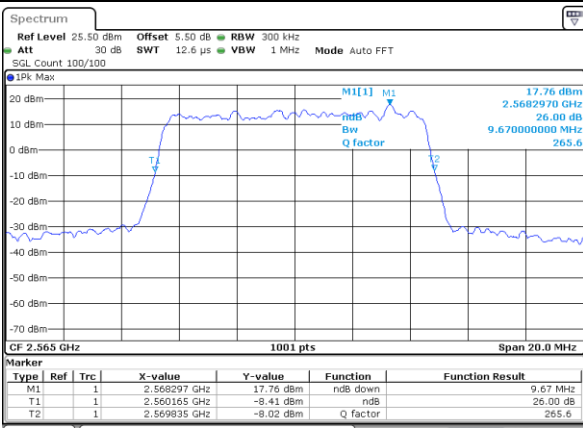
Date: 25 APR 2018 19:13:43

Middle Channel / 10MHz / 16QAM



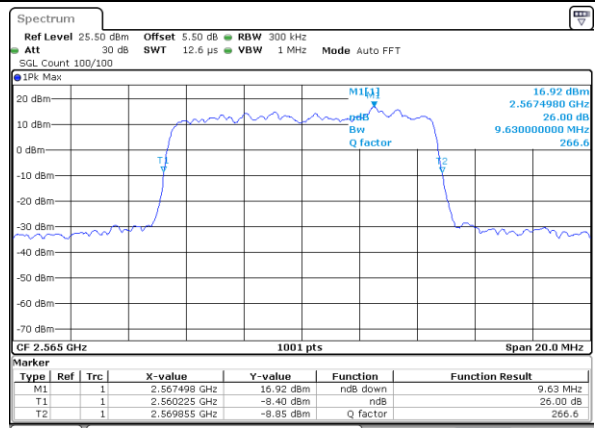
Date: 25 APR 2018 19:13:23

Highest Channel / 10MHz / QPSK



Date: 25 APR 2018 19:14:03

Highest Channel / 10MHz / 16QAM



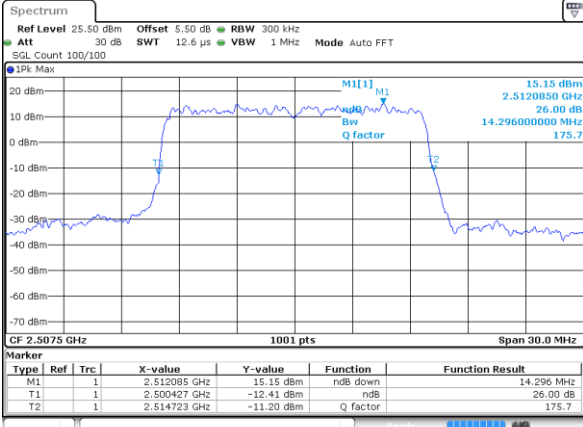
Date: 25 APR 2018 19:14:22





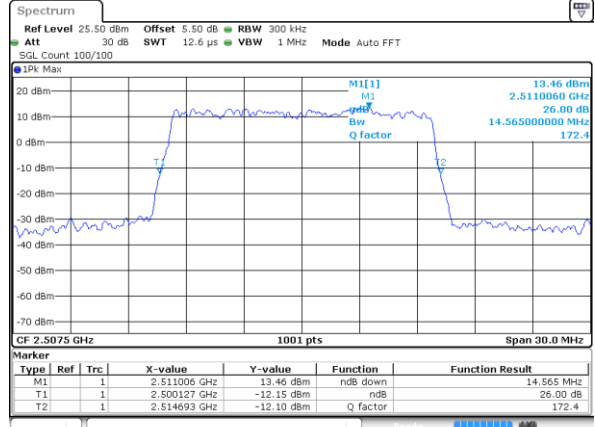
LTE Band 7

Lowest Channel / 15MHz / QPSK



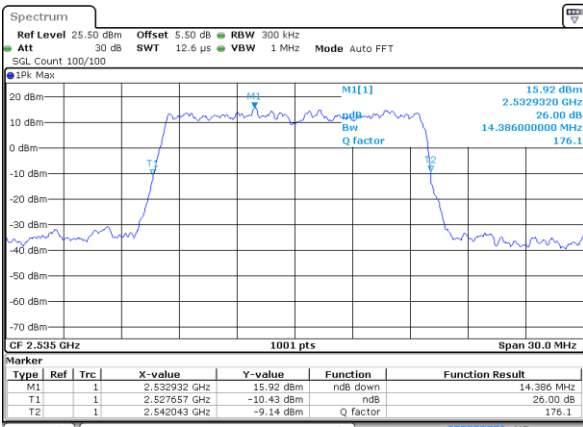
Date: 25 APR 2018 19:21:02

Lowest Channel / 15MHz / 16QAM



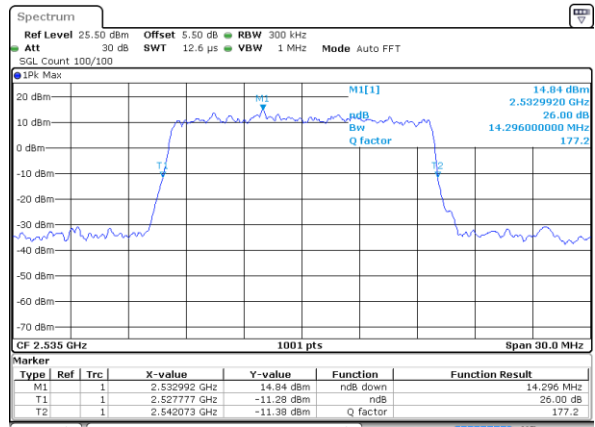
Date: 25 APR 2018 19:21:22

Middle Channel / 15MHz / QPSK



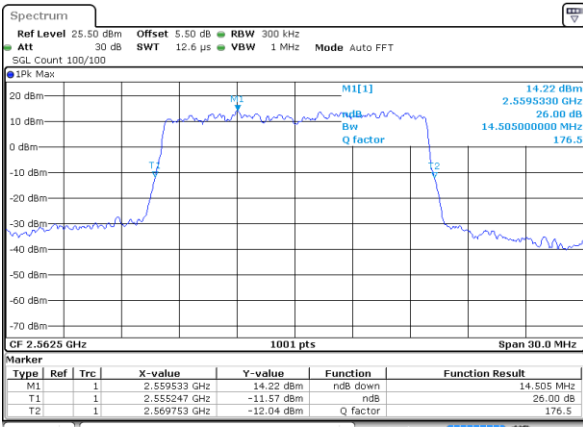
Date: 25 APR 2018 19:30:11

Middle Channel / 15MHz / 16QAM



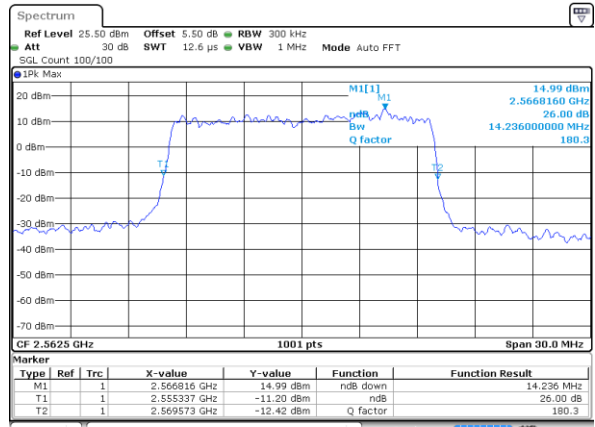
Date: 25 APR 2018 19:29:51

Highest Channel / 15MHz / QPSK



Date: 25 APR 2018 19:30:31

Highest Channel / 15MHz / 16QAM

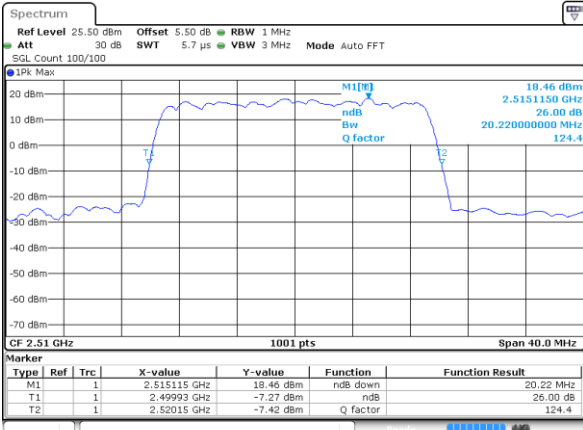


Date: 25 APR 2018 19:30:51



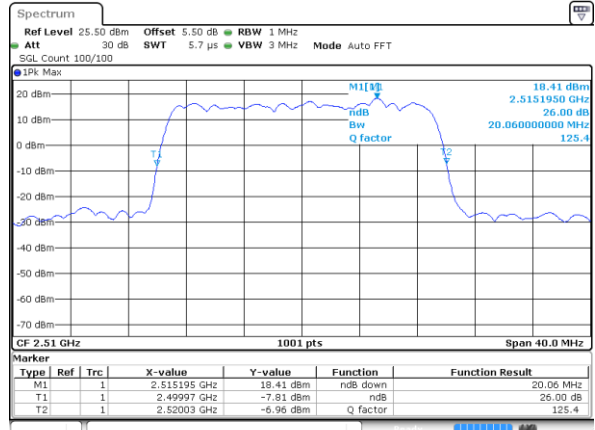
LTE Band 7

Lowest Channel / 20MHz / QPSK



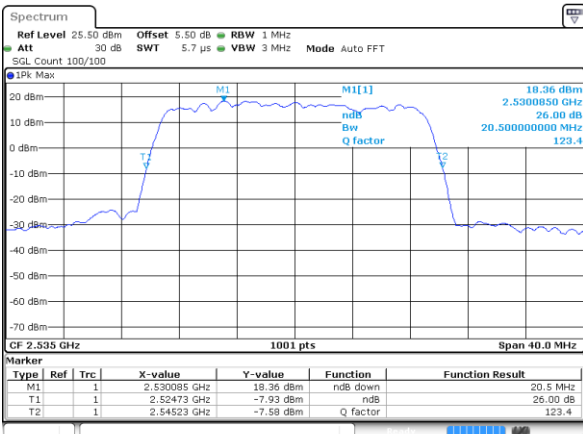
Date: 25 APR 2018 19:37:31

Lowest Channel / 20MHz / 16QAM



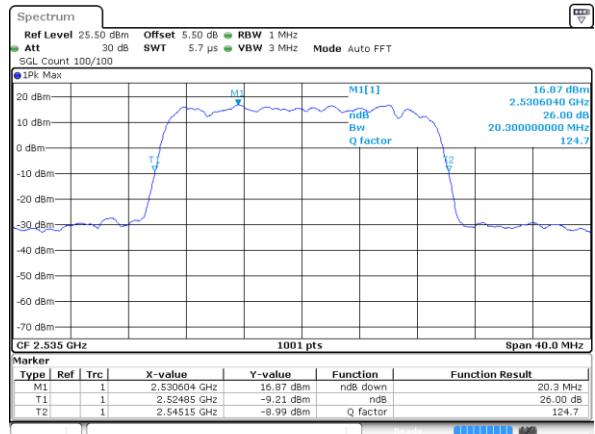
Date: 25 APR 2018 19:37:51

Middle Channel / 20MHz / QPSK



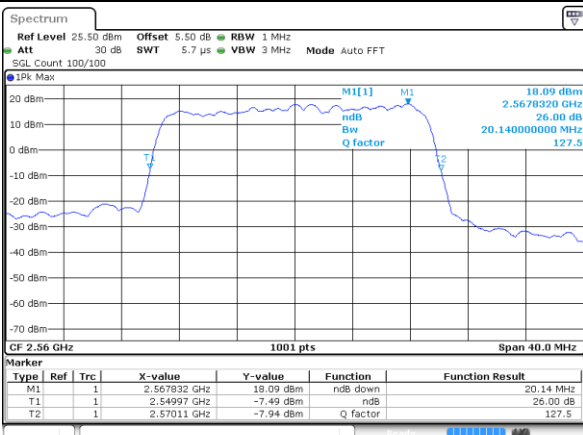
Date: 25 APR 2018 19:46:40

Middle Channel / 20MHz / 16QAM



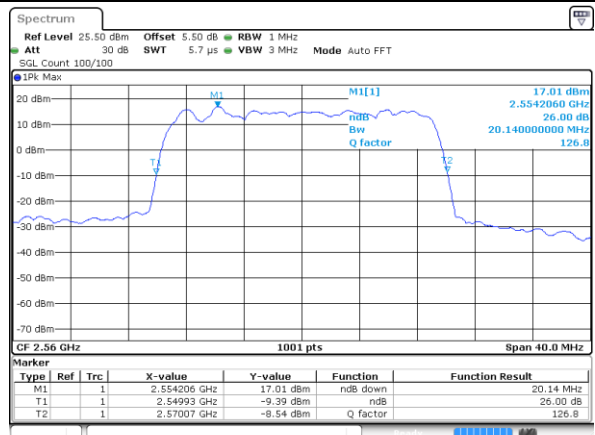
Date: 25 APR 2018 19:46:20

Highest Channel / 20MHz / QPSK



Date: 25 APR 2018 19:47:00

Highest Channel / 20MHz / 16QAM



Date: 25 APR 2018 19:47:19



## Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	2.76	1.09	2.72	2.72	4.48	4.49	8.95	8.99	13.37	13.37	18.26	18.22
Middle CH	1.09	1.10	2.70	2.71	4.49	4.49	8.99	8.95	13.37	13.43	18.30	18.14
Highest CH	1.09	1.10	2.72	2.70	4.50	4.49	9.05	8.93	13.43	13.46	18.42	18.26

Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.70	2.70	4.48	4.49	8.99	8.97	13.40	13.43	18.22	18.30
Middle CH	1.10	1.10	2.72	2.73	4.47	4.50	9.03	9.01	13.58	13.40	18.30	18.38
Highest CH	1.09	1.10	2.73	2.73	4.49	4.50	9.01	8.95	13.40	13.46	18.26	18.42

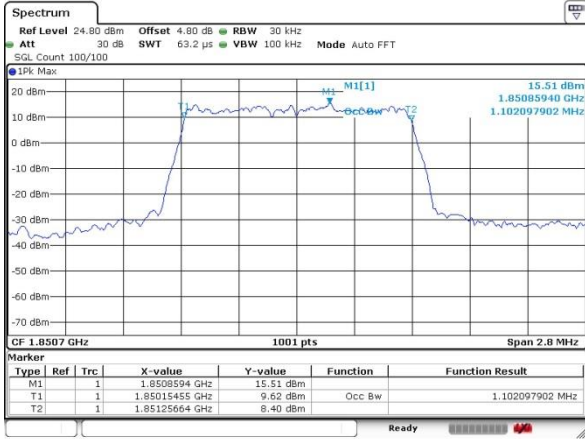
Mode	LTE Band 5 : 99%OBW(MHz)							
	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.72	2.72	4.48	4.48	8.95	8.99
Middle CH	1.09	1.10	2.73	2.73	4.48	4.49	9.01	9.01
Highest CH	1.09	1.10	2.72	2.71	4.52	4.50	9.01	8.99

Mode	LTE Band 7 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.50	4.49	8.99	9.03	13.40	13.46	18.26	18.18
Middle CH	4.51	4.48	9.05	8.99	13.37	13.43	18.38	18.22
Highest CH	4.48	4.47	9.03	8.97	13.49	13.43	18.38	18.38



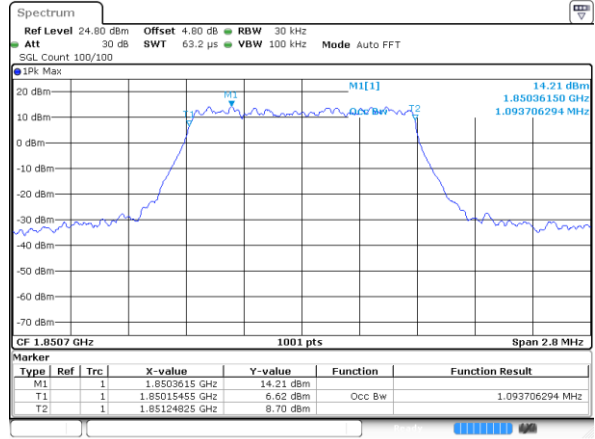
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



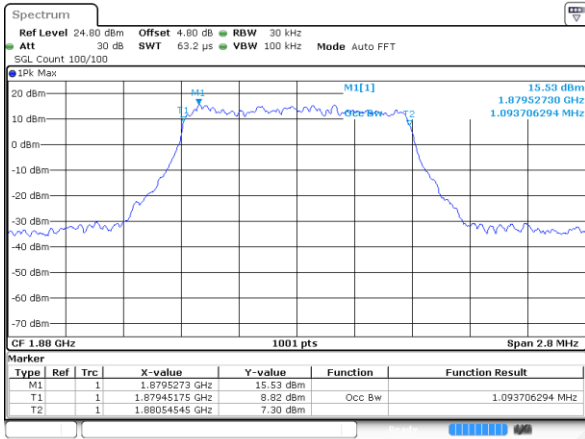
Date: 15 MAY 2018 14:27:17

Lowest Channel / 1.4MHz / 16QAM



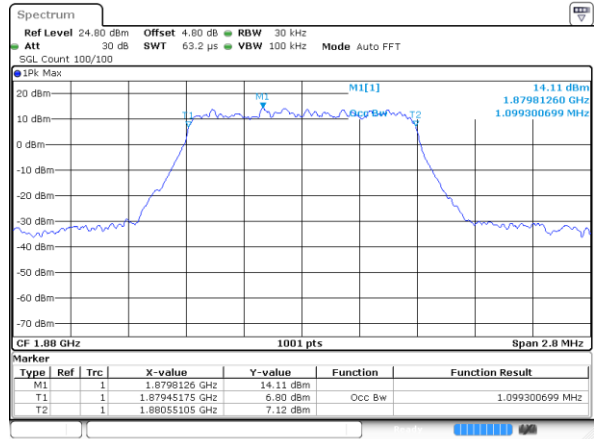
Date: 24 APR 2018 13:59:13

Middle Channel / 1.4MHz / QPSK



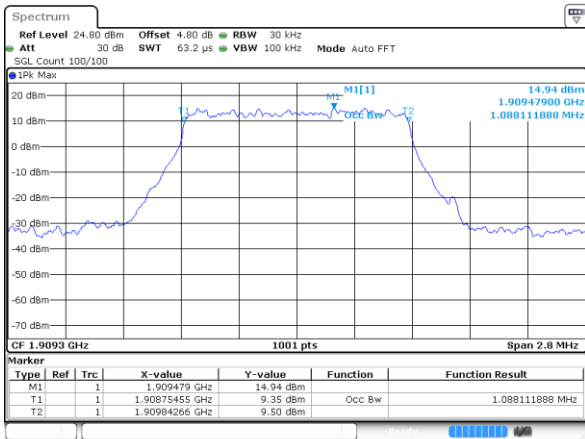
Date: 24 APR 2018 14:08:10

Middle Channel / 1.4MHz / 16QAM



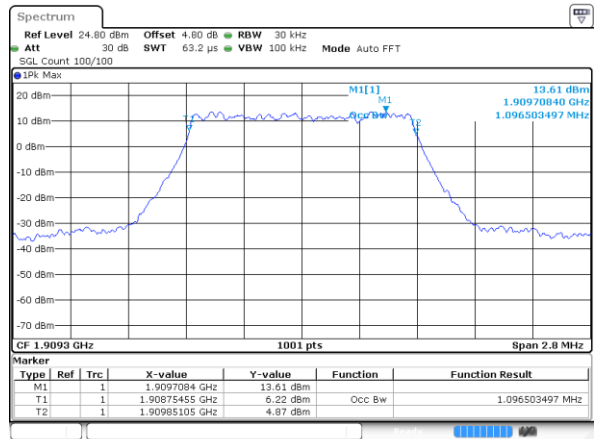
Date: 24 APR 2018 14:06:21

Highest Channel / 1.4MHz / QPSK



Date: 24 APR 2018 14:08:44

Highest Channel / 1.4MHz / 16QAM

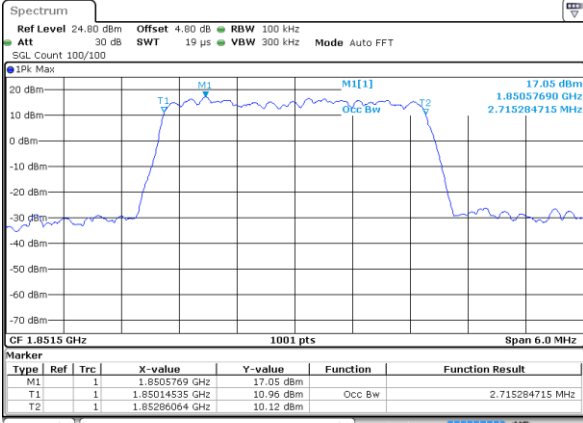


Date: 24 APR 2018 14:08:54



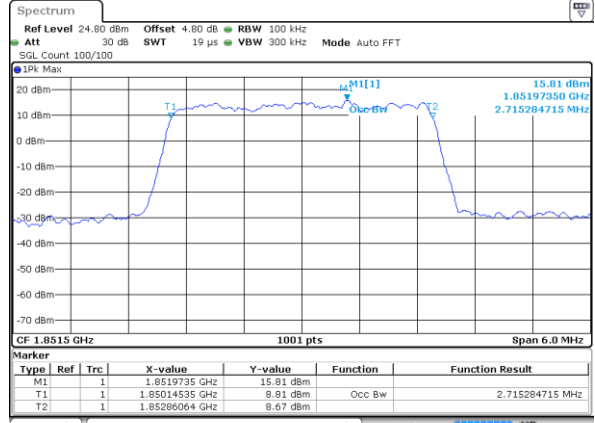
LTE Band 2

Lowest Channel / 3MHz / QPSK



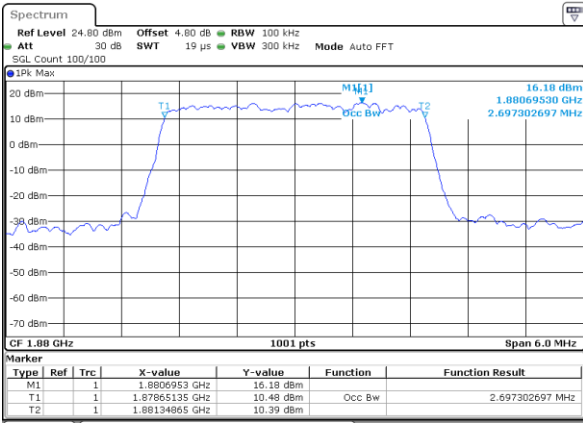
Date: 24 APR 2018 14:15:51

Lowest Channel / 3MHz / 16QAM



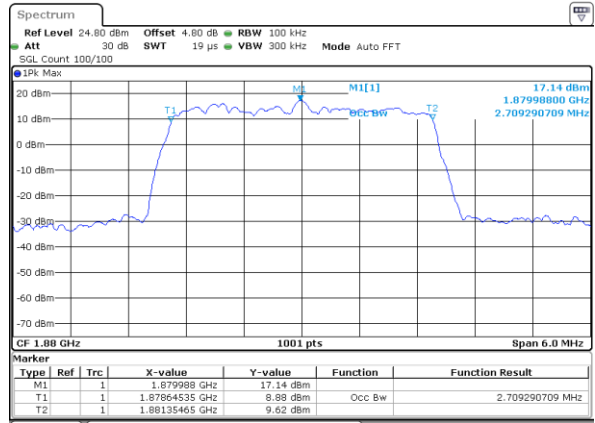
Date: 24 APR 2018 14:16:03

Middle Channel / 3MHz / QPSK



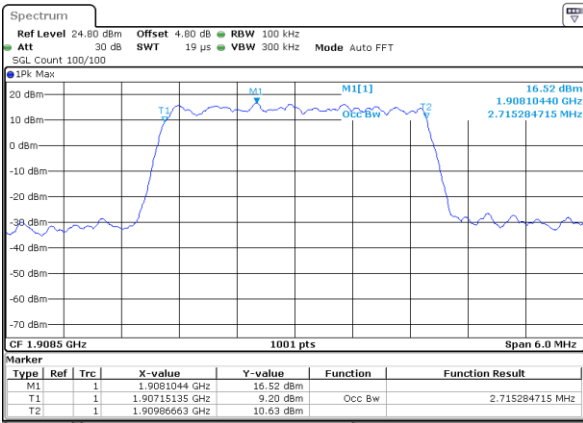
Date: 24 APR 2018 14:22:58

Middle Channel / 3MHz / 16QAM



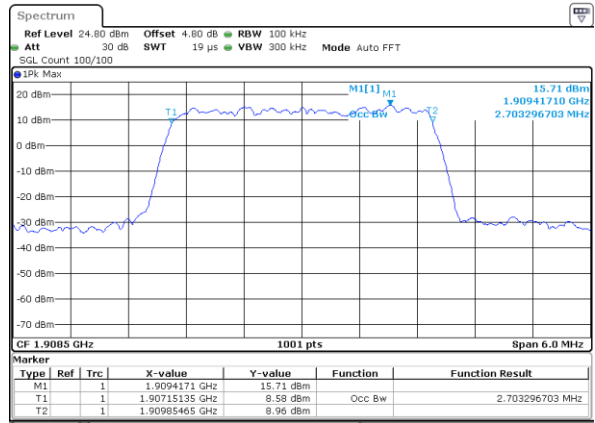
Date: 24 APR 2018 14:23:09

Highest Channel / 3MHz / QPSK



Date: 24 APR 2018 14:25:32

Highest Channel / 3MHz / 16QAM

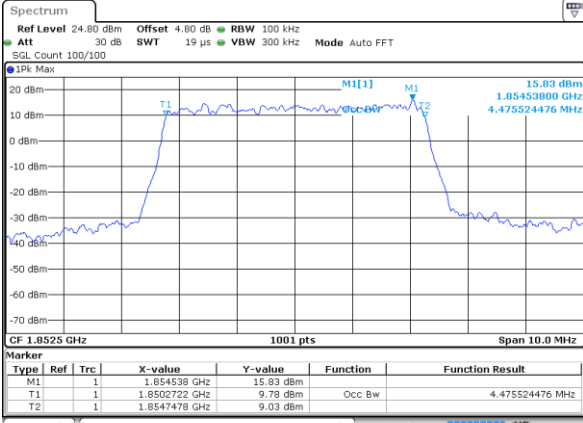


Date: 24 APR 2018 14:25:43



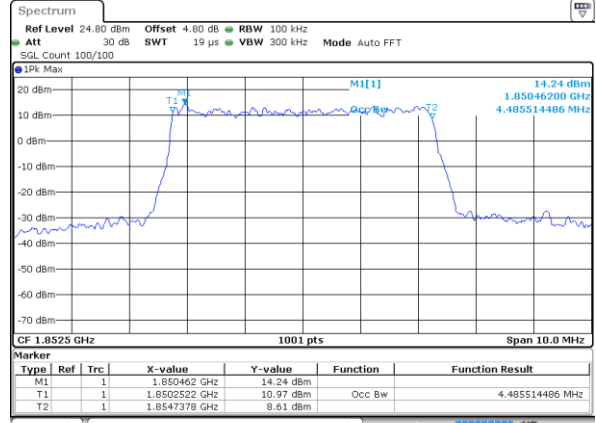
LTE Band 2

Lowest Channel / 5MHz / QPSK



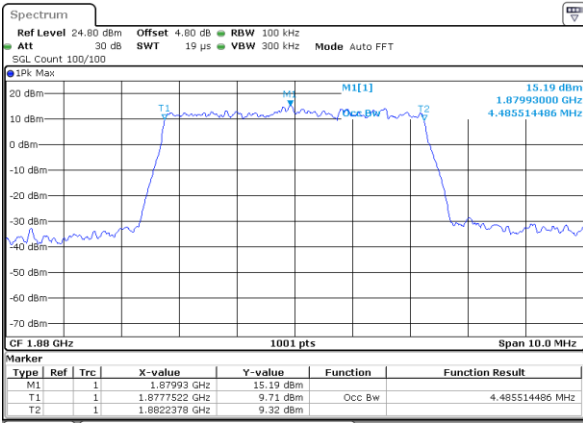
Date: 24 APR 2018 14:32:38

Lowest Channel / 5MHz / 16QAM



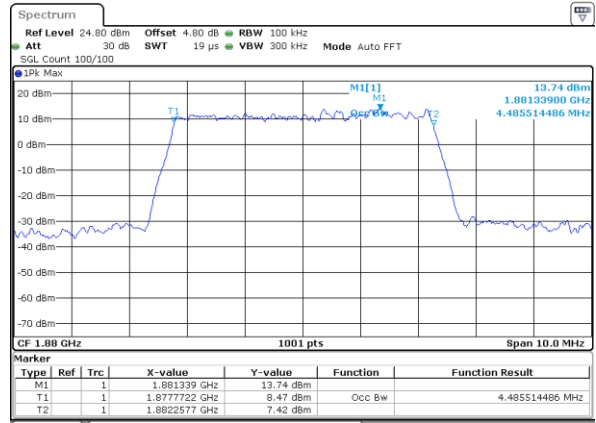
Date: 24 APR 2018 14:32:49

Middle Channel / 5MHz / QPSK



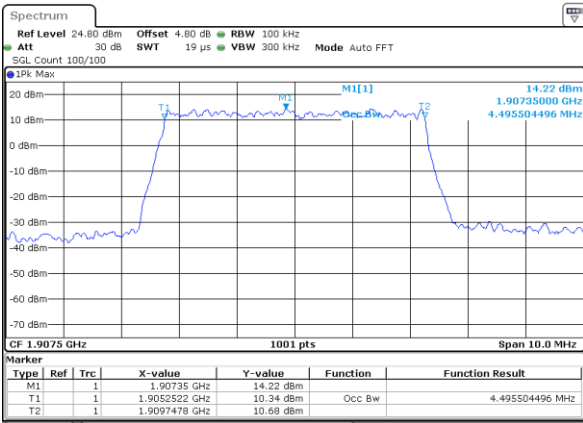
Date: 24 APR 2018 14:39:44

Middle Channel / 5MHz / 16QAM



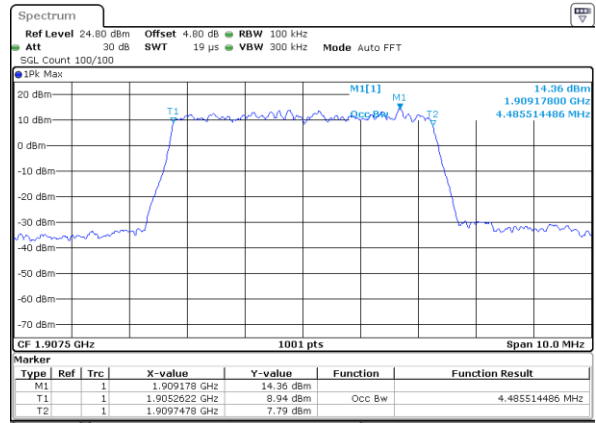
Date: 24 APR 2018 14:39:55

Highest Channel / 5MHz / QPSK



Date: 24 APR 2018 14:42:17

Highest Channel / 5MHz / 16QAM

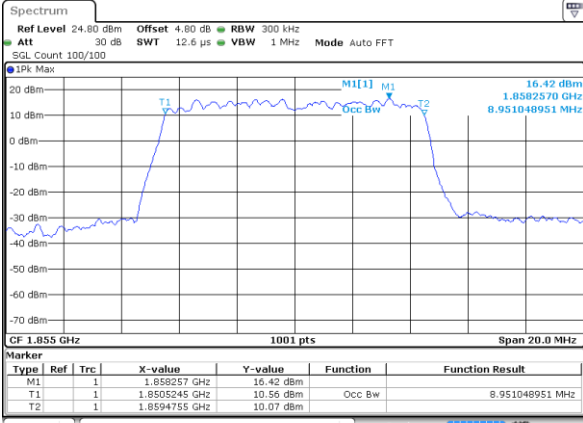


Date: 24 APR 2018 14:42:28



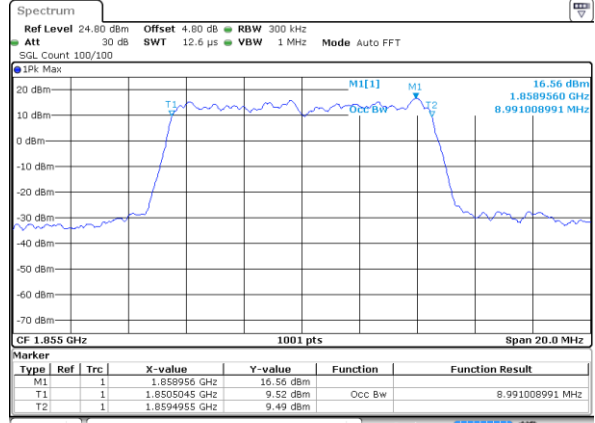
LTE Band 2

Lowest Channel / 10MHz / QPSK



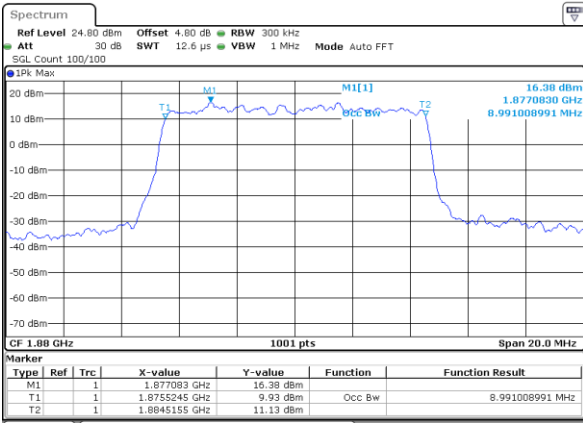
Date: 24 APR 2018 14:49:23

Lowest Channel / 10MHz / 16QAM



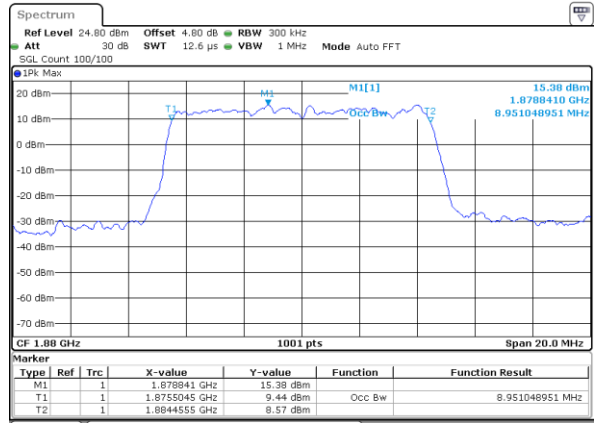
Date: 24 APR 2018 14:49:34

Middle Channel / 10MHz / QPSK



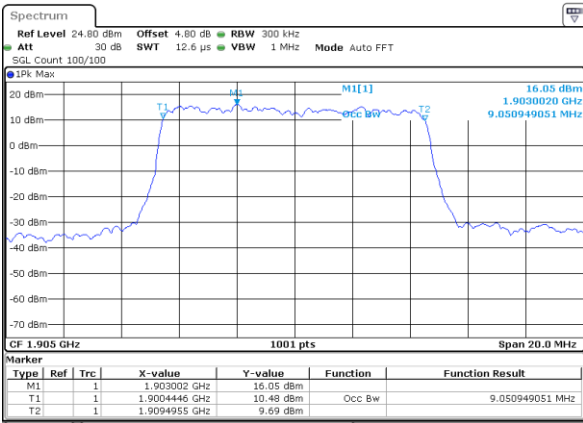
Date: 24 APR 2018 14:56:29

Middle Channel / 10MHz / 16QAM



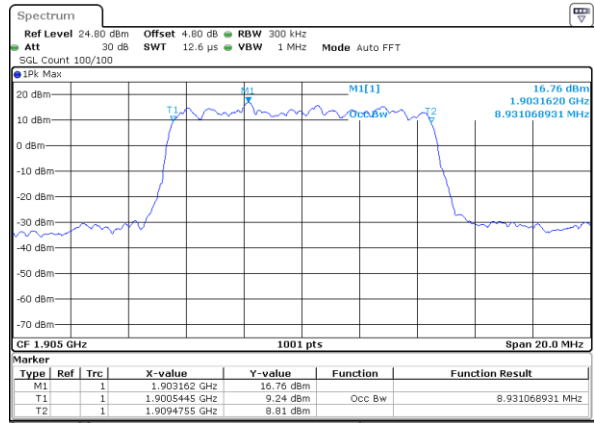
Date: 24 APR 2018 14:56:40

Highest Channel / 10MHz / QPSK



Date: 24 APR 2018 14:59:03

Highest Channel / 10MHz / 16QAM

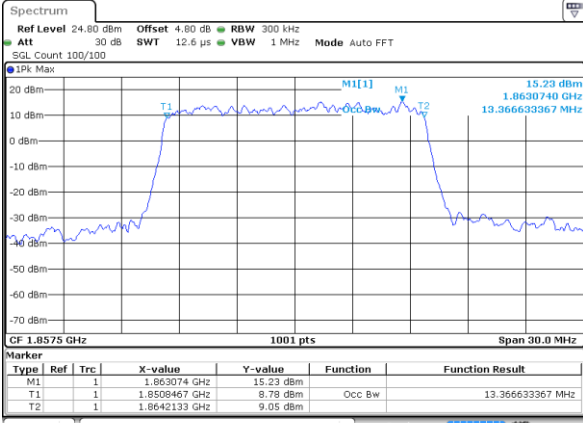


Date: 24 APR 2018 14:59:14



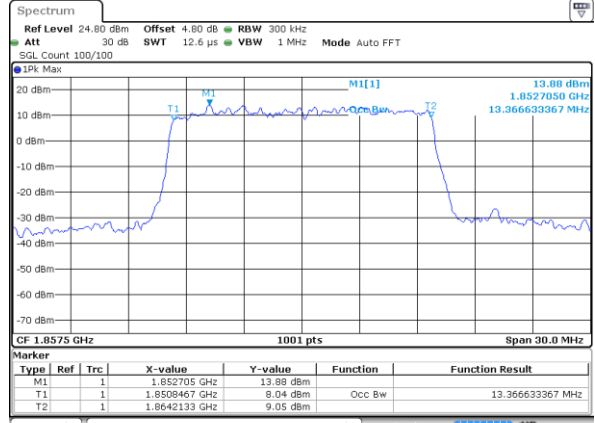
LTE Band 2

Lowest Channel / 15MHz / QPSK



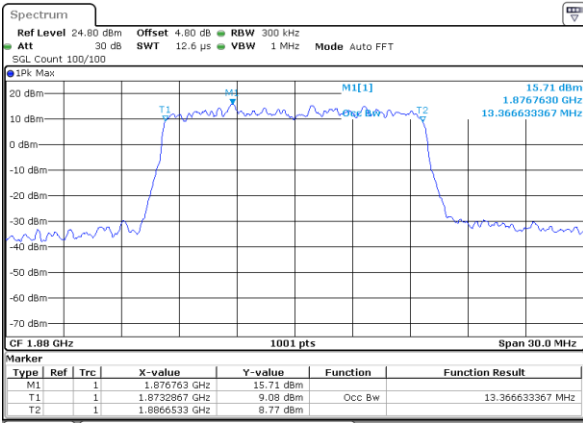
Date: 24 APR 2018 15:06:09

Lowest Channel / 15MHz / 16QAM



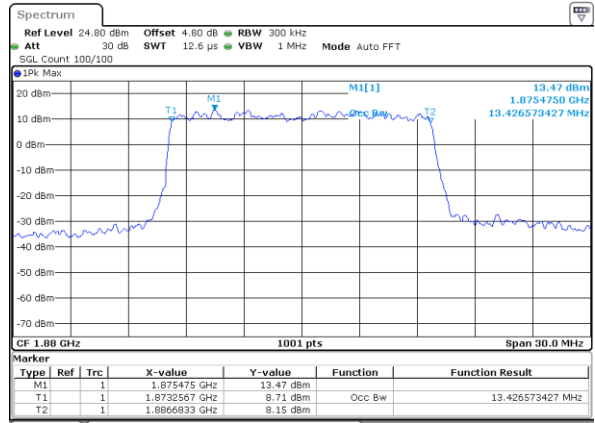
Date: 24 APR 2018 15:06:20

Middle Channel / 15MHz / QPSK



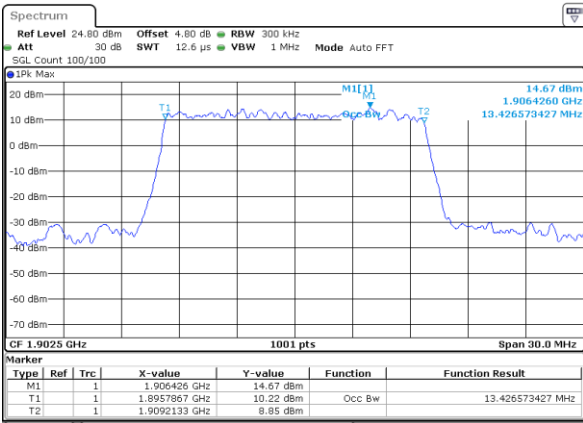
Date: 24 APR 2018 15:13:15

Middle Channel / 15MHz / 16QAM



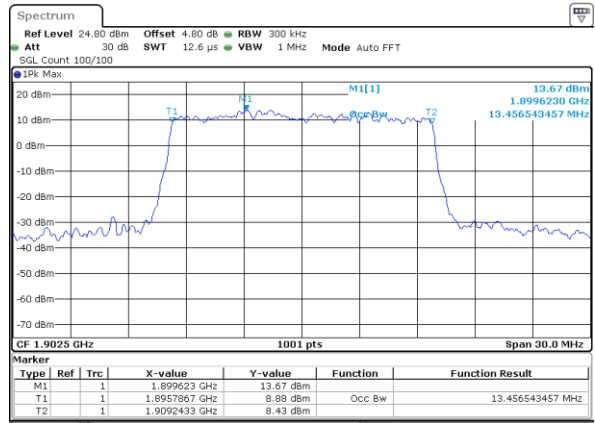
Date: 24 APR 2018 15:13:26

Highest Channel / 15MHz / QPSK



Date: 24 APR 2018 15:15:49

Highest Channel / 15MHz / 16QAM



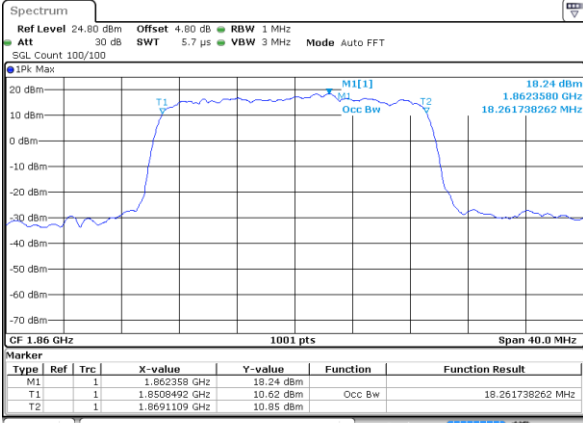
Date: 24 APR 2018 15:16:00





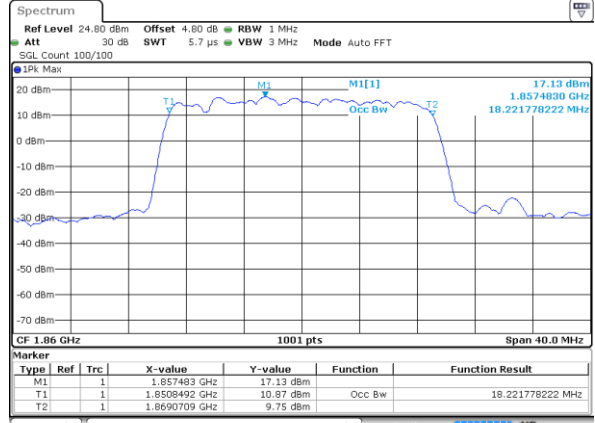
LTE Band 2

Lowest Channel / 20MHz / QPSK



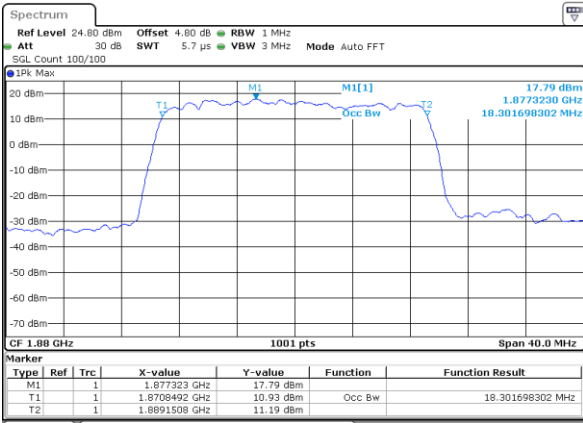
Date: 24 APR 2018 15:22:55

Lowest Channel / 20MHz / 16QAM



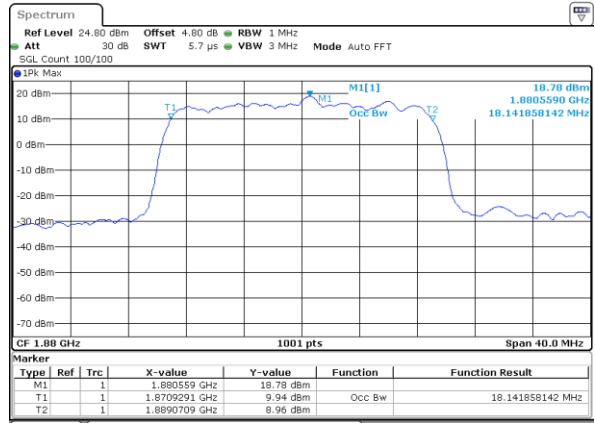
Date: 24 APR 2018 15:23:06

Middle Channel / 20MHz / QPSK



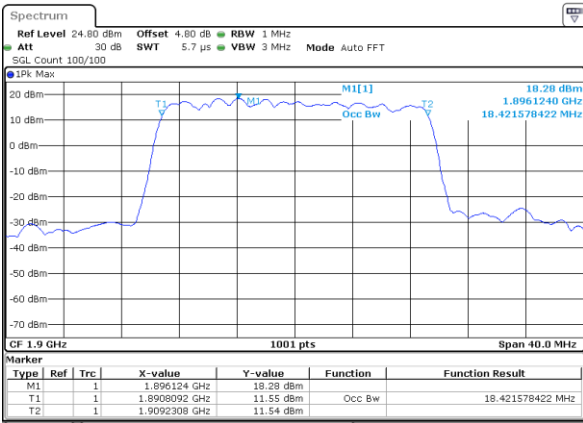
Date: 24 APR 2018 15:30:01

Middle Channel / 20MHz / 16QAM



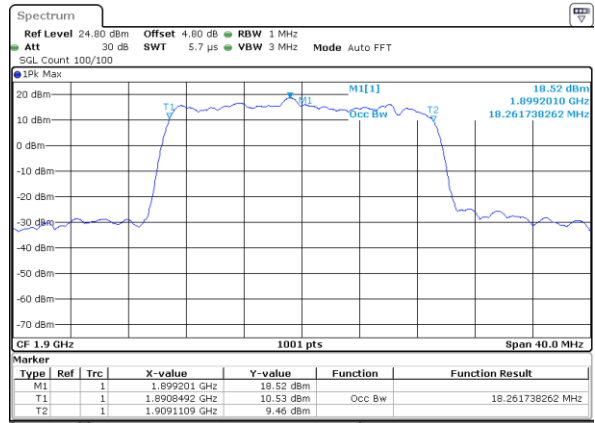
Date: 24 APR 2018 15:30:12

Highest Channel / 20MHz / QPSK



Date: 24 APR 2018 15:32:35

Highest Channel / 20MHz / 16QAM

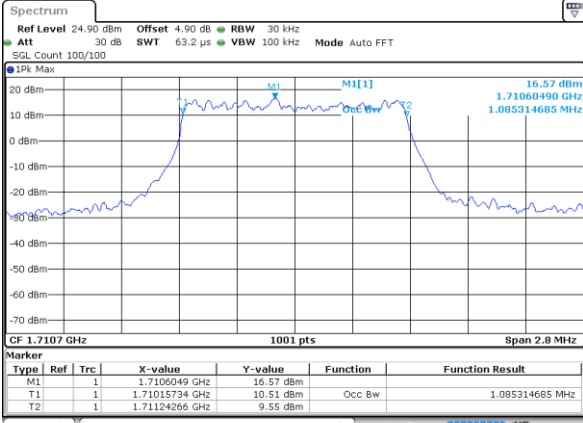


Date: 24 APR 2018 15:32:46



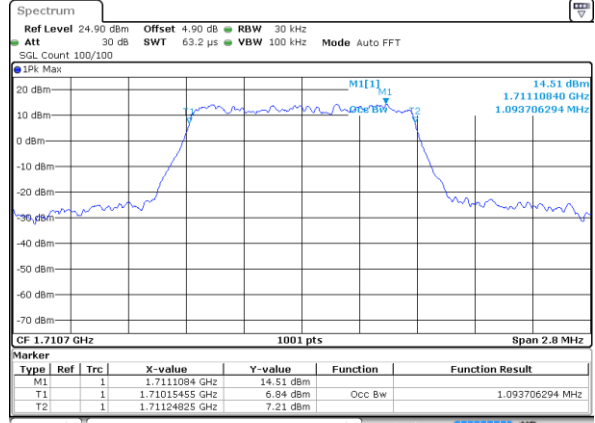
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



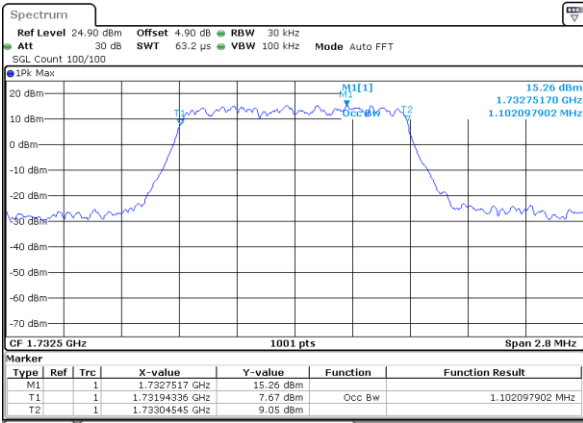
Date: 25 APR 2018 08:39:46

Lowest Channel / 1.4MHz / 16QAM



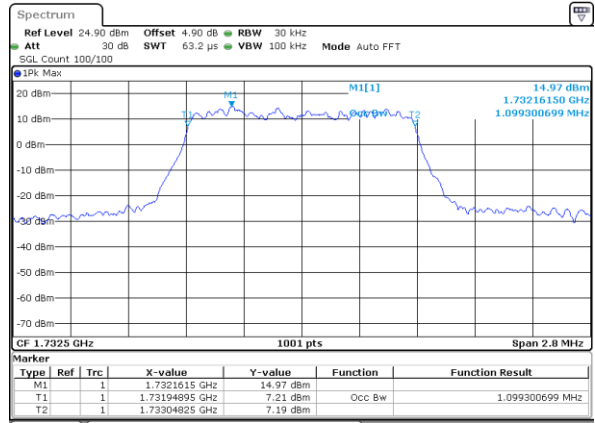
Date: 25 APR 2018 08:39:57

Middle Channel / 1.4MHz / QPSK



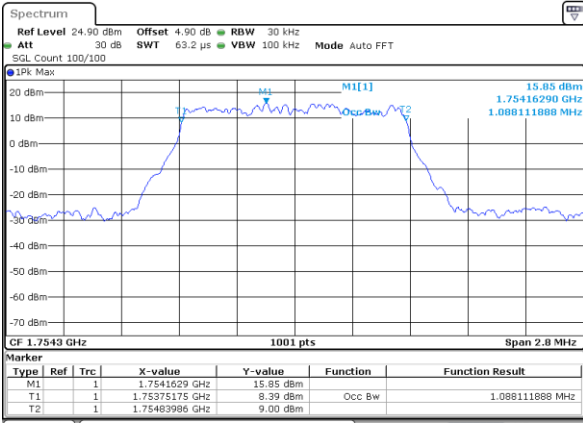
Date: 25 APR 2018 08:46:53

Middle Channel / 1.4MHz / 16QAM



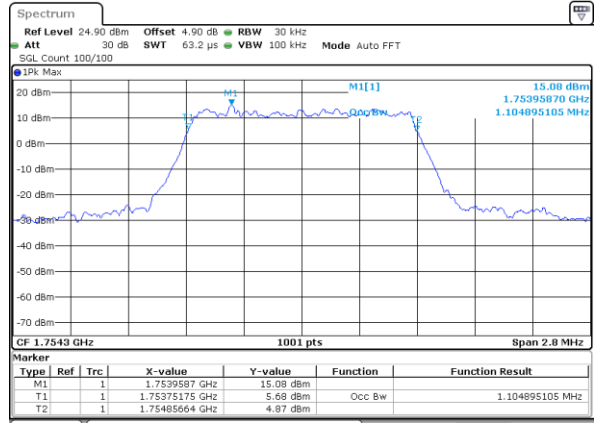
Date: 25 APR 2018 08:47:04

Highest Channel / 1.4MHz / QPSK



Date: 25 APR 2018 08:49:26

Highest Channel / 1.4MHz / 16QAM

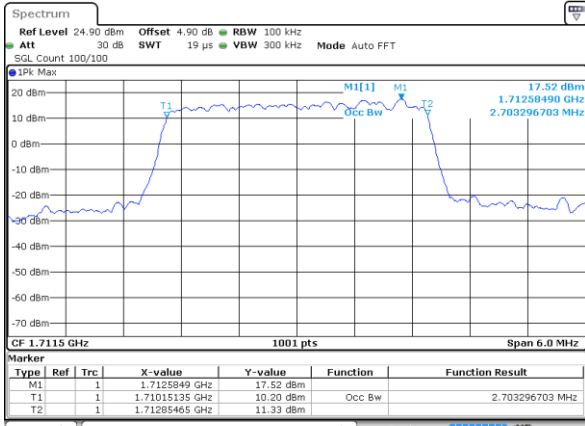


Date: 25 APR 2018 08:49:37



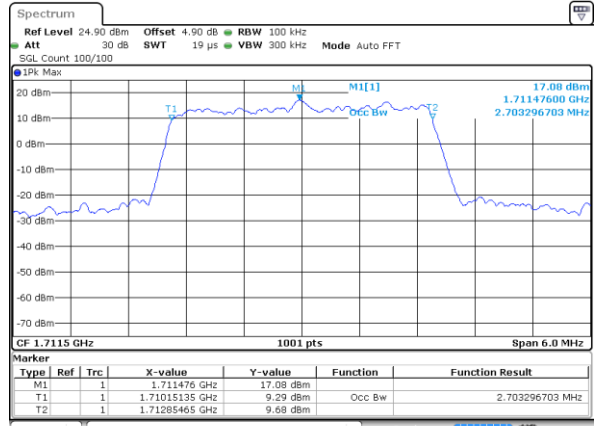
LTE Band 4

Lowest Channel / 3MHz / QPSK



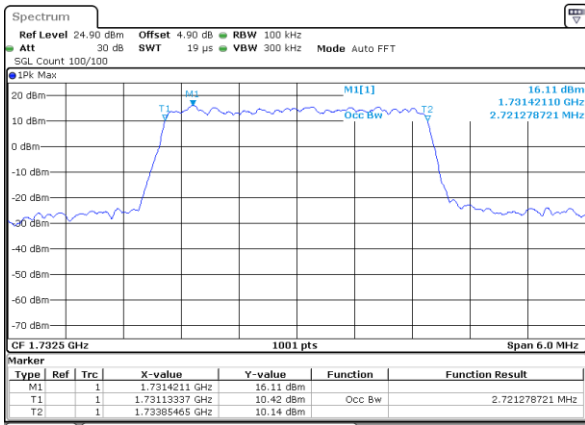
Date: 25 APR 2018 08:56:31

Lowest Channel / 3MHz / 16QAM



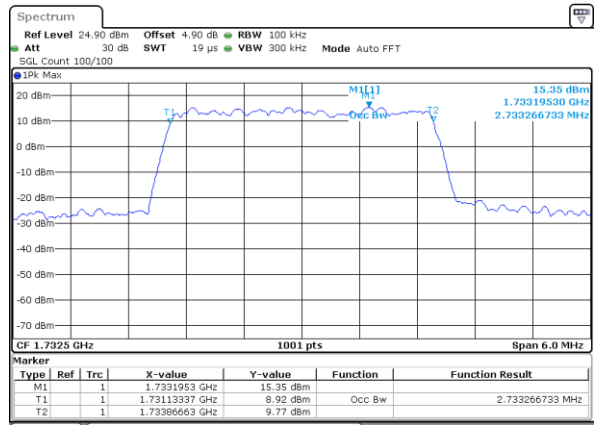
Date: 25 APR 2018 08:56:42

Middle Channel / 3MHz / QPSK



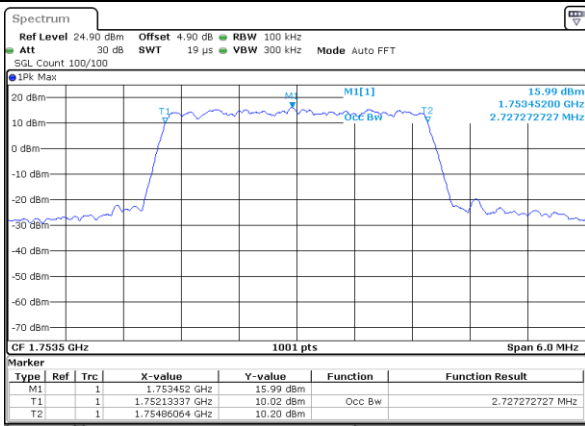
Date: 25 APR 2018 09:03:37

Middle Channel / 3MHz / 16QAM



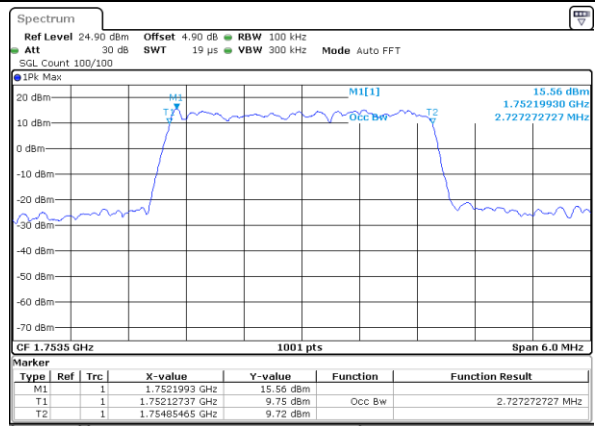
Date: 25 APR 2018 09:03:47

Highest Channel / 3MHz / QPSK



Date: 25 APR 2018 09:06:10

Highest Channel / 3MHz / 16QAM

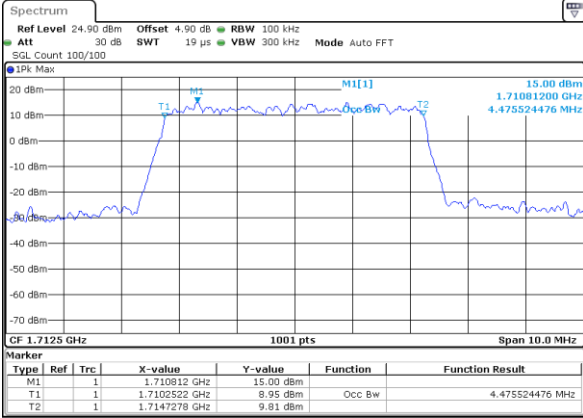


Date: 25 APR 2018 09:06:20



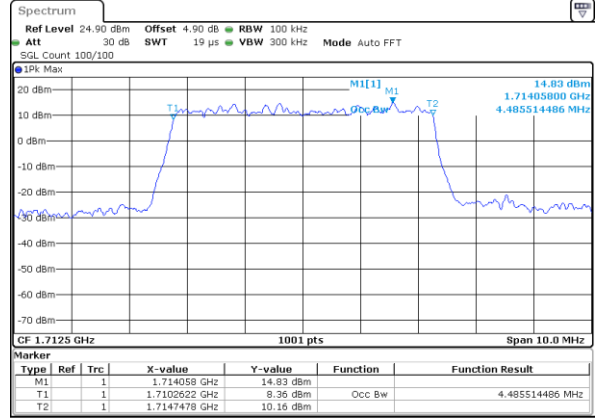
LTE Band 4

Lowest Channel / 5MHz / QPSK



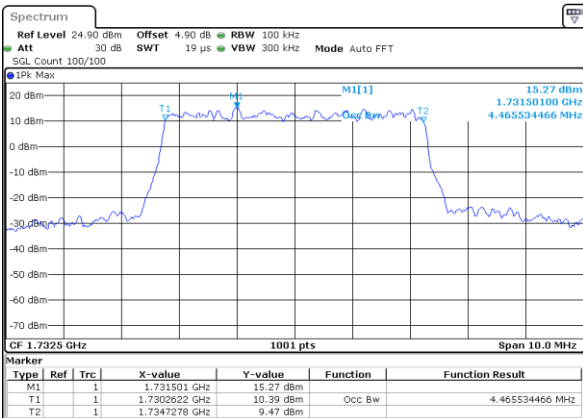
Date: 25 APR 2018 09:13:15

Lowest Channel / 5MHz / 16QAM



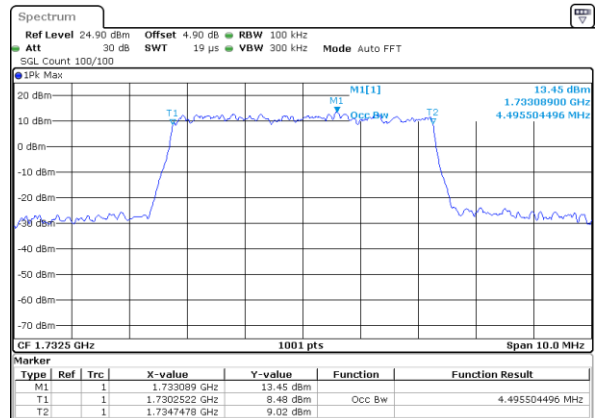
Date: 25 APR 2018 09:13:26

Middle Channel / 5MHz / QPSK



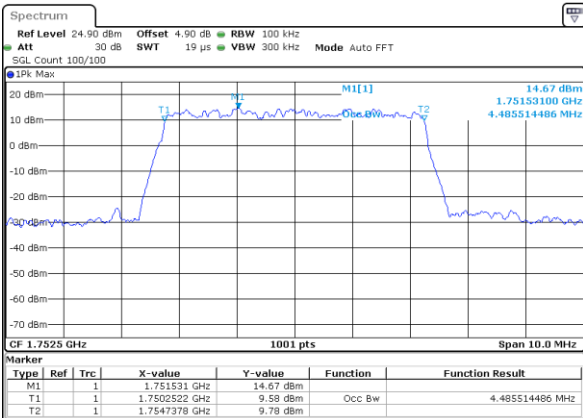
Date: 25 APR 2018 09:20:21

Middle Channel / 5MHz / 16QAM



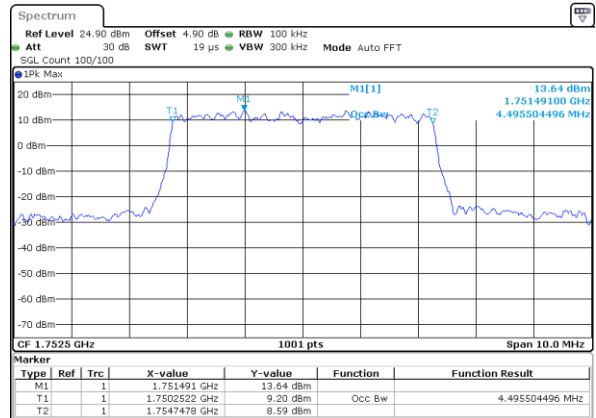
Date: 25 APR 2018 09:20:32

Highest Channel / 5MHz / QPSK



Date: 25 APR 2018 09:22:55

Highest Channel / 5MHz / 16QAM

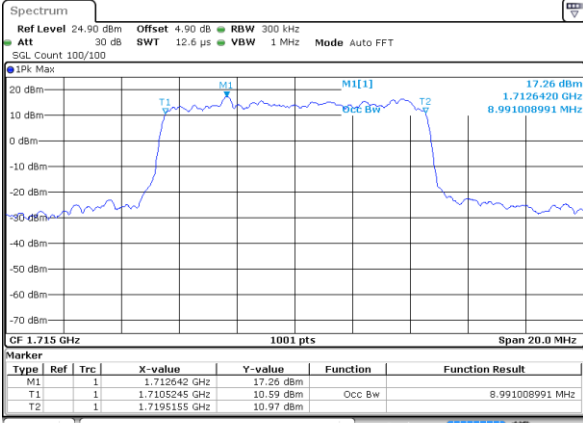


Date: 25 APR 2018 09:23:06



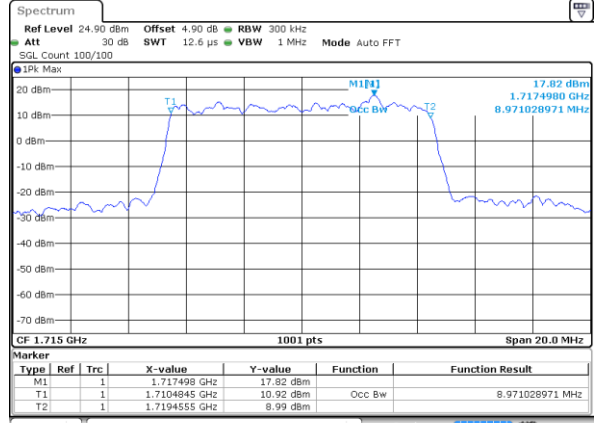
LTE Band 4

Lowest Channel / 10MHz / QPSK



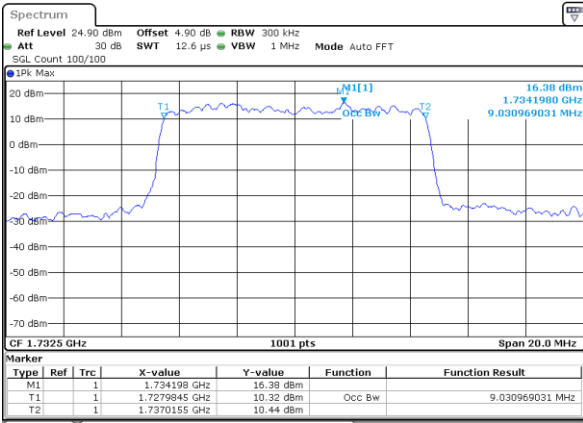
Date: 25 APR 2018 09:30:01

Lowest Channel / 10MHz / 16QAM



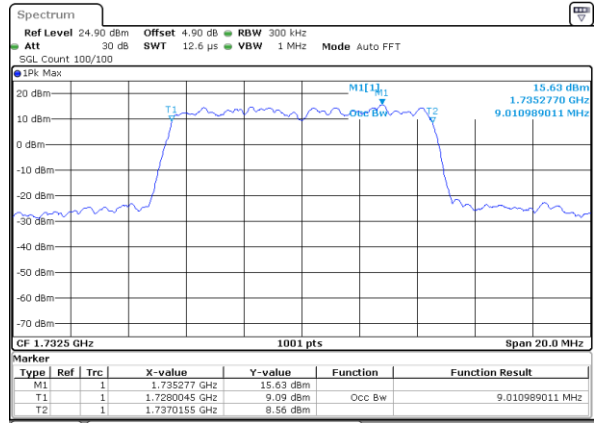
Date: 25 APR 2018 09:30:11

Middle Channel / 10MHz / QPSK



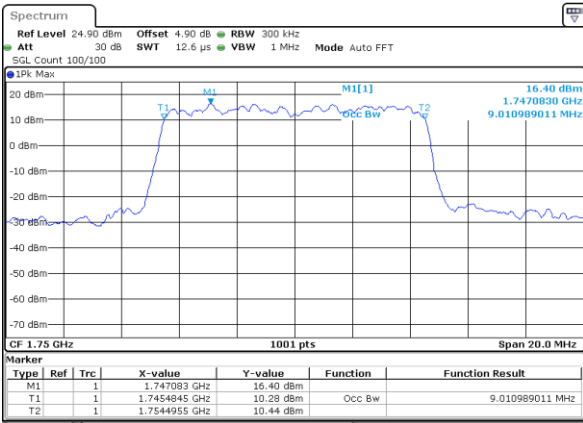
Date: 25 APR 2018 09:37:06

Middle Channel / 10MHz / 16QAM



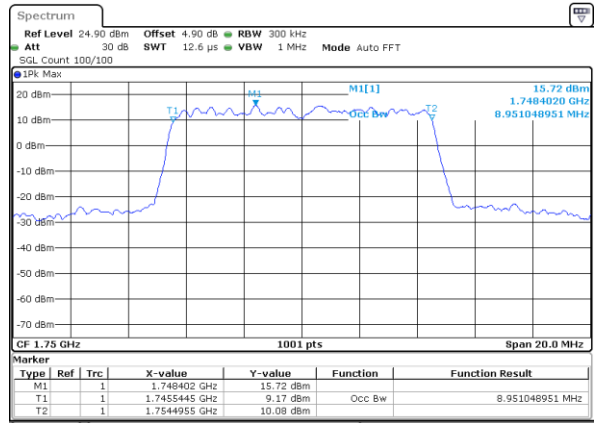
Date: 25 APR 2018 09:37:17

Highest Channel / 10MHz / QPSK



Date: 25 APR 2018 09:39:40

Highest Channel / 10MHz / 16QAM

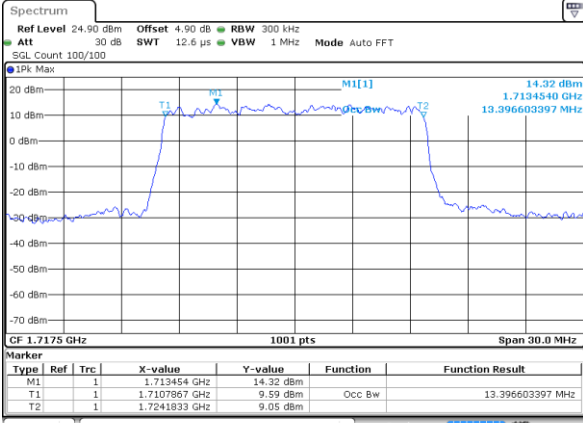


Date: 25 APR 2018 09:39:51



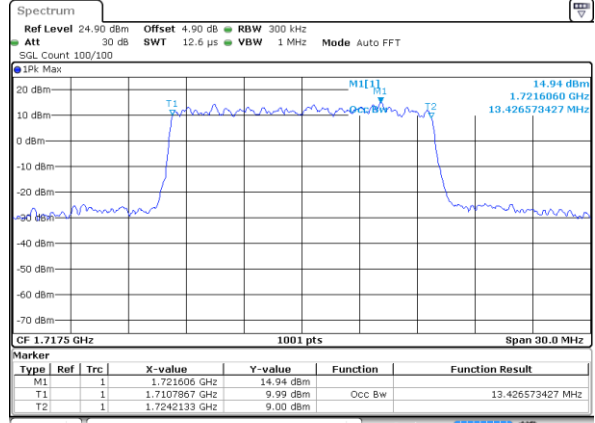
LTE Band 4

Lowest Channel / 15MHz / QPSK



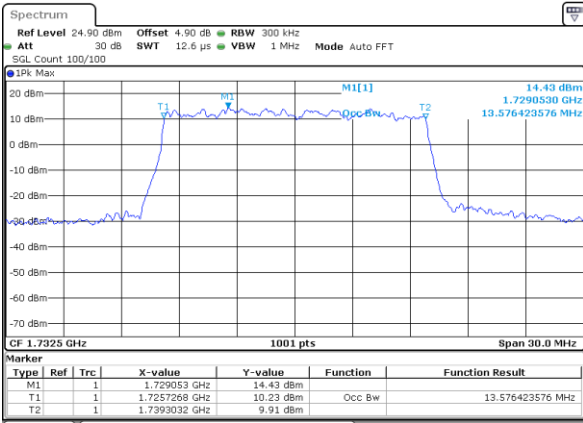
Date: 25 APR 2018 09:46:45

Lowest Channel / 15MHz / 16QAM



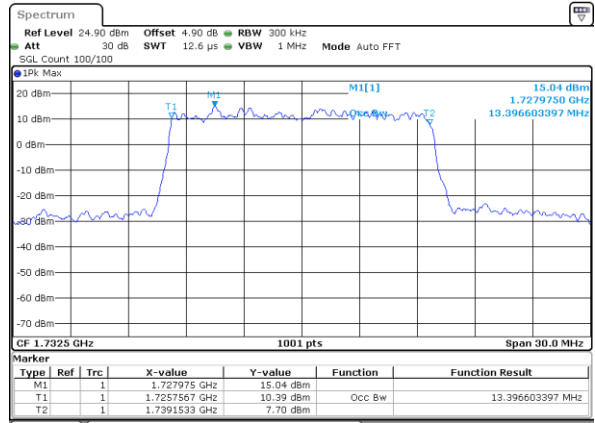
Date: 25 APR 2018 09:46:56

Middle Channel / 15MHz / QPSK



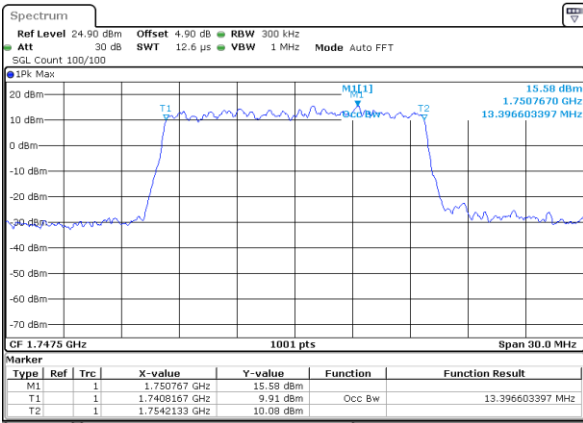
Date: 25 APR 2018 09:53:51

Middle Channel / 15MHz / 16QAM



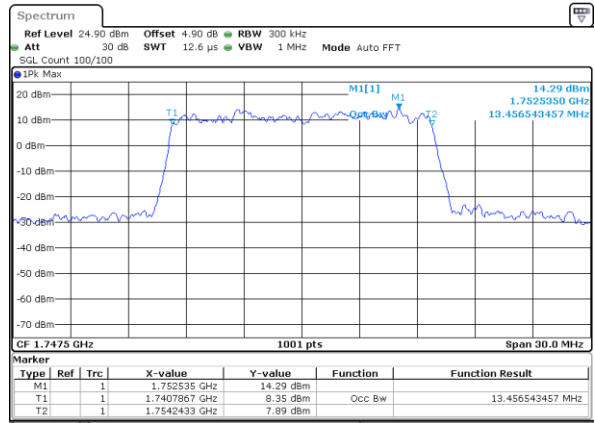
Date: 25 APR 2018 09:54:02

Highest Channel / 15MHz / QPSK



Date: 25 APR 2018 09:56:24

Highest Channel / 15MHz / 16QAM

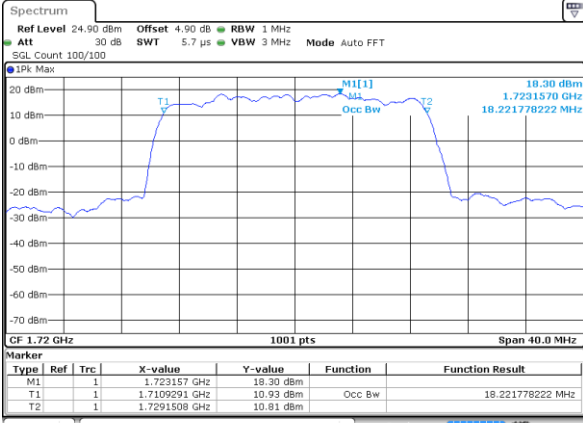


Date: 25 APR 2018 09:56:35



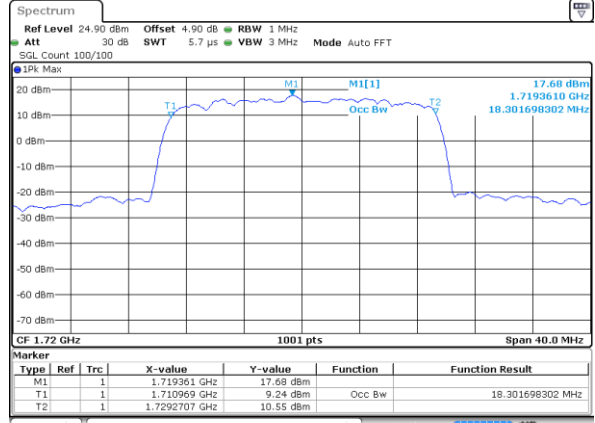
LTE Band 4

Lowest Channel / 20MHz / QPSK



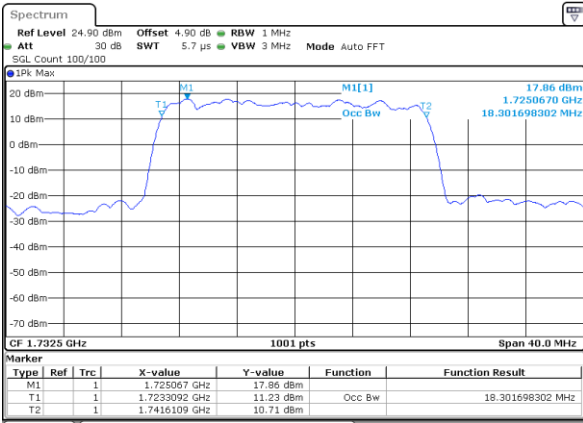
Date: 25 APR 2018 10:03:30

Lowest Channel / 20MHz / 16QAM



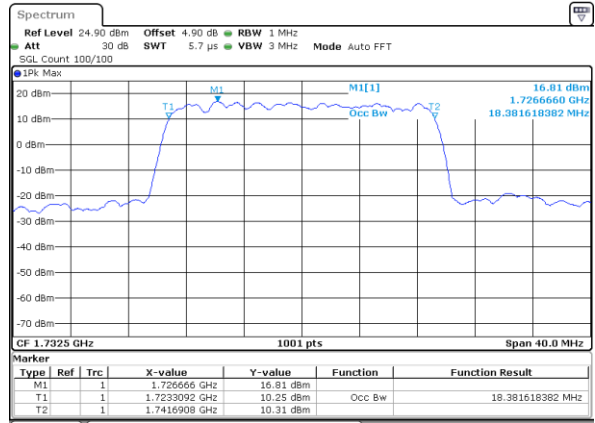
Date: 25 APR 2018 10:03:43

Middle Channel / 20MHz / QPSK



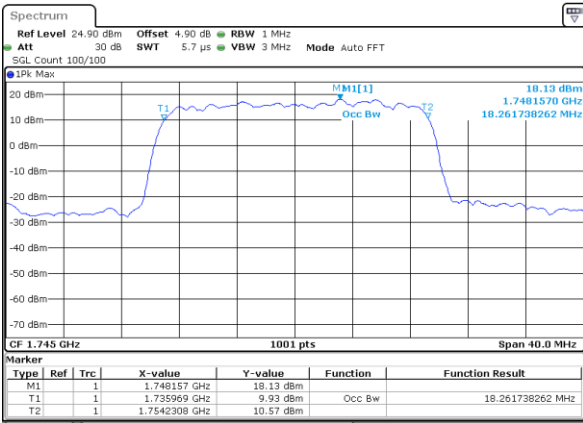
Date: 25 APR 2018 10:10:39

Middle Channel / 20MHz / 16QAM



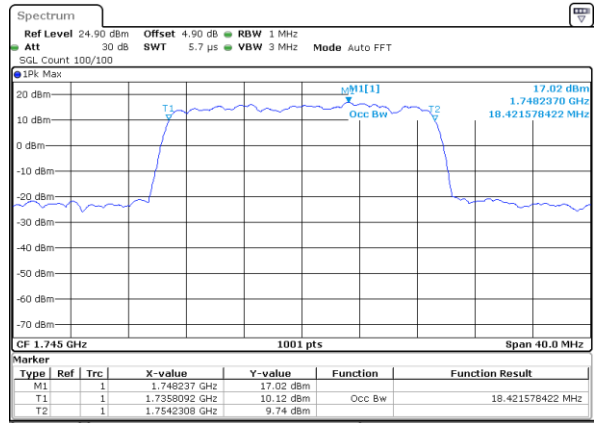
Date: 25 APR 2018 10:10:50

Highest Channel / 20MHz / QPSK



Date: 25 APR 2018 10:13:13

Highest Channel / 20MHz / 16QAM

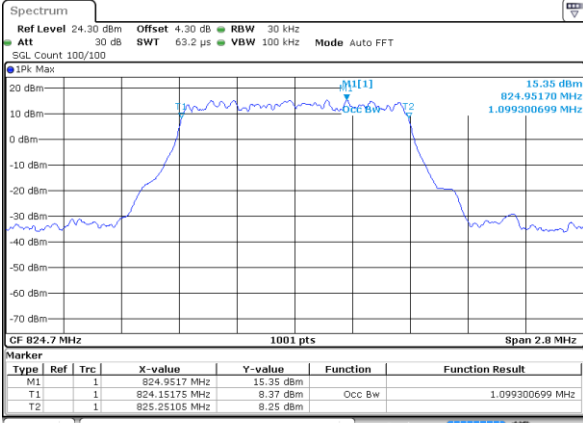


Date: 25 APR 2018 10:13:24



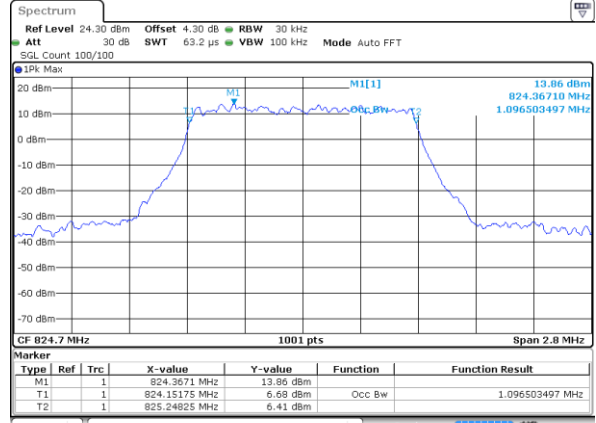
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



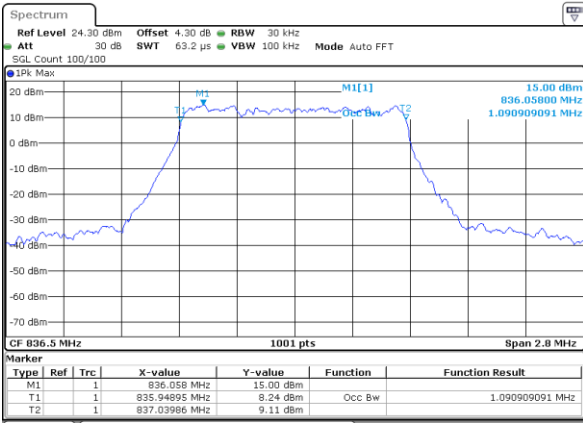
Date: 24 APR 2018 16:01:21

Lowest Channel / 1.4MHz / 16QAM



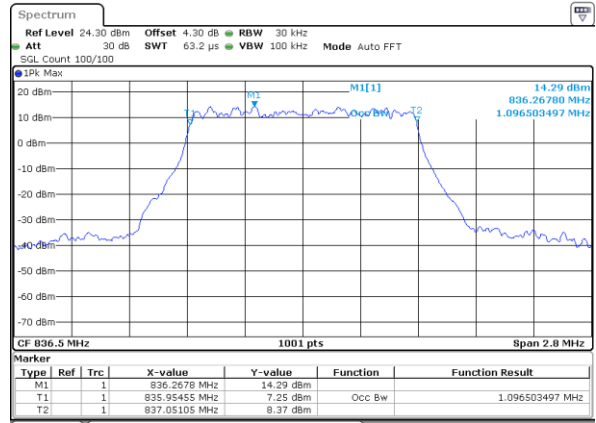
Date: 24 APR 2018 16:01:32

Middle Channel / 1.4MHz / QPSK



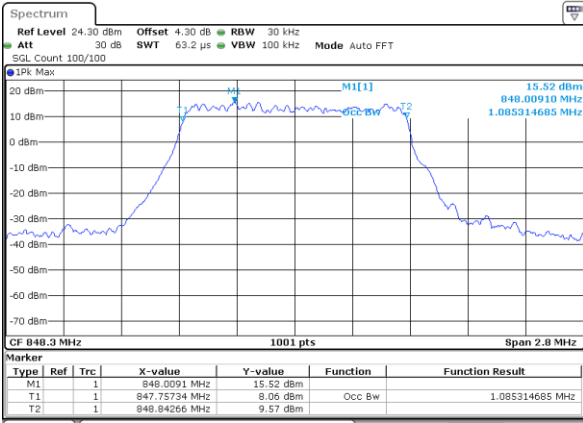
Date: 24 APR 2018 16:10:27

Middle Channel / 1.4MHz / 16QAM



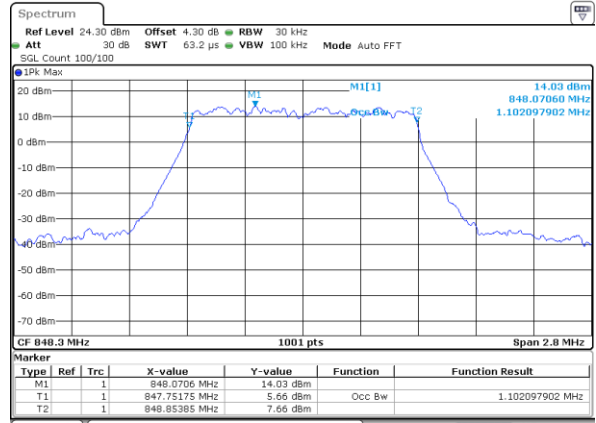
Date: 24 APR 2018 16:10:38

Highest Channel / 1.4MHz / QPSK



Date: 24 APR 2018 16:13:01

Highest Channel / 1.4MHz / 16QAM



Date: 24 APR 2018 16:13:12