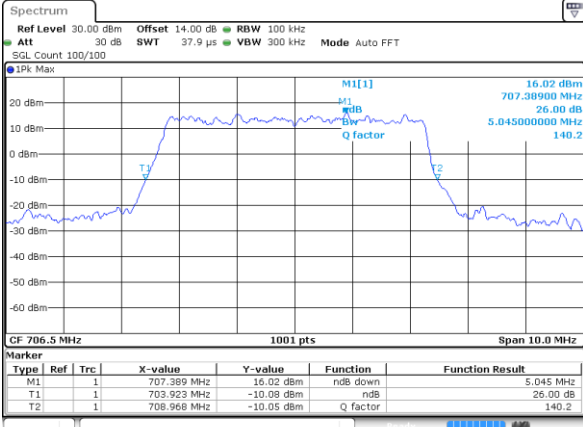




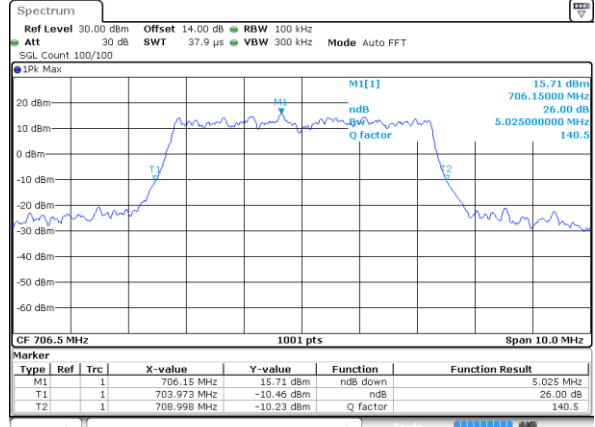
LTE Band 17

Lowest Channel / 5MHz / QPSK



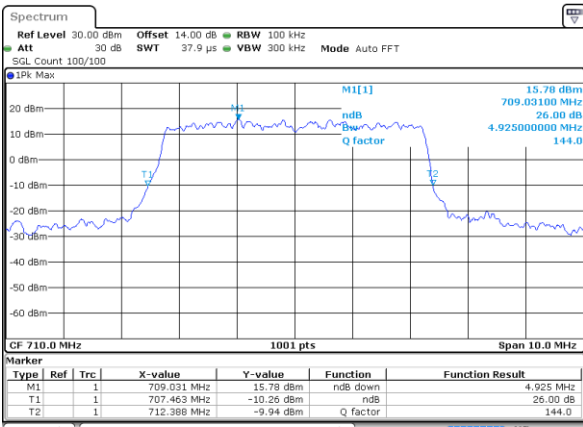
Date: 7 JUN 2018 14:46:29

Lowest Channel / 5MHz / 16QAM



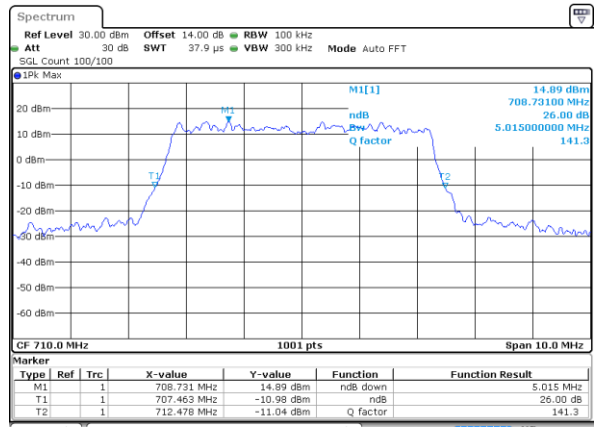
Date: 7 JUN 2018 14:46:39

Middle Channel / 5MHz / QPSK



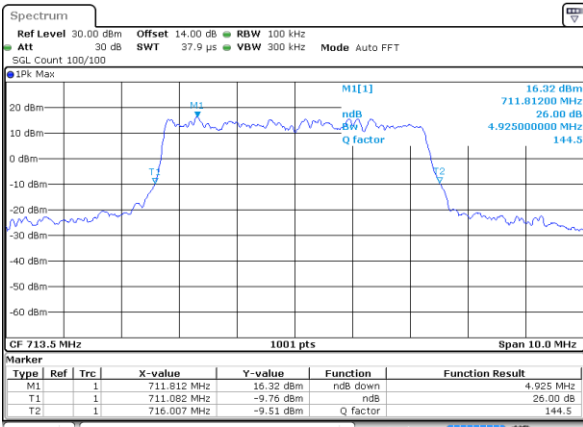
Date: 7 JUN 2018 14:53:26

Middle Channel / 5MHz / 16QAM



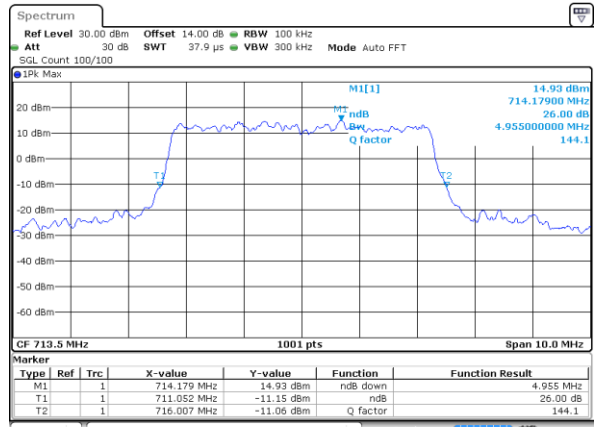
Date: 7 JUN 2018 14:53:36

Highest Channel / 5MHz / QPSK



Date: 7 JUN 2018 14:55:52

Highest Channel / 5MHz / 16QAM

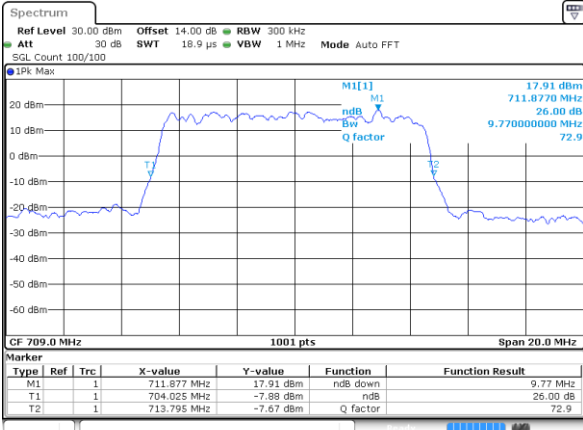


Date: 7 JUN 2018 14:56:02



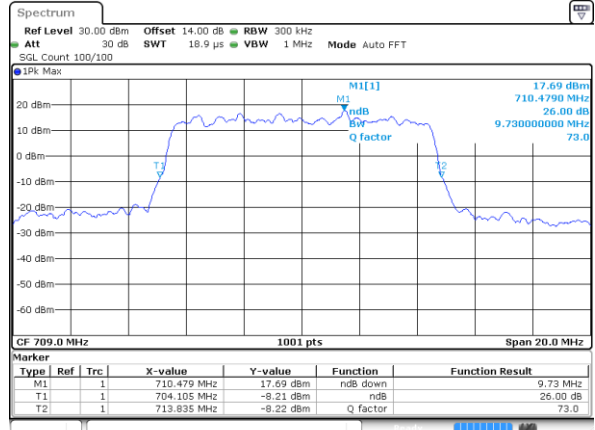
LTE Band 17

Lowest Channel / 10MHz / QPSK



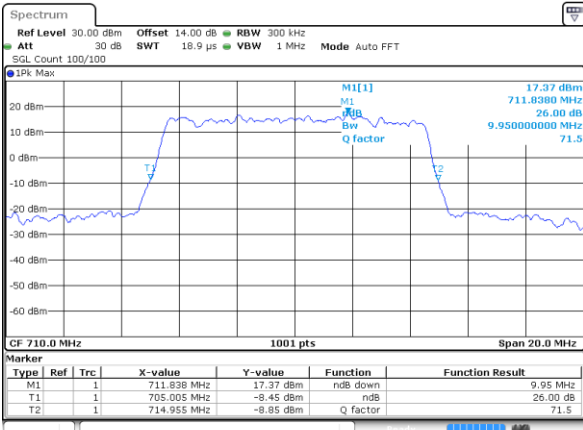
Date: 7 JUN 2018 15:02:49

Lowest Channel / 10MHz / 16QAM



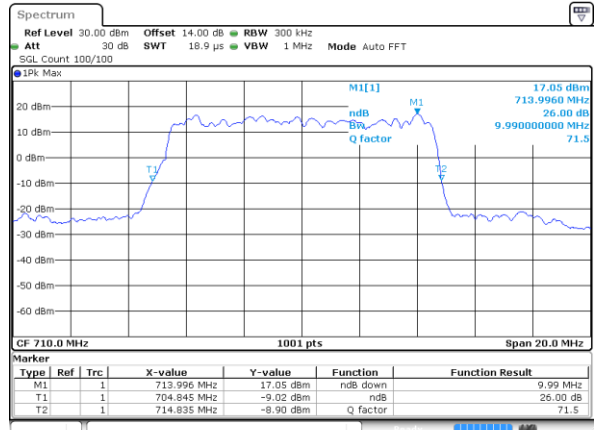
Date: 7 JUN 2018 15:02:59

Middle Channel / 10MHz / QPSK



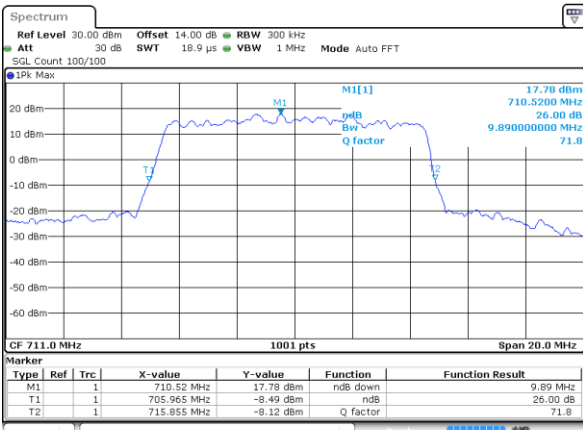
Date: 7 JUN 2018 15:09:46

Middle Channel / 10MHz / 16QAM



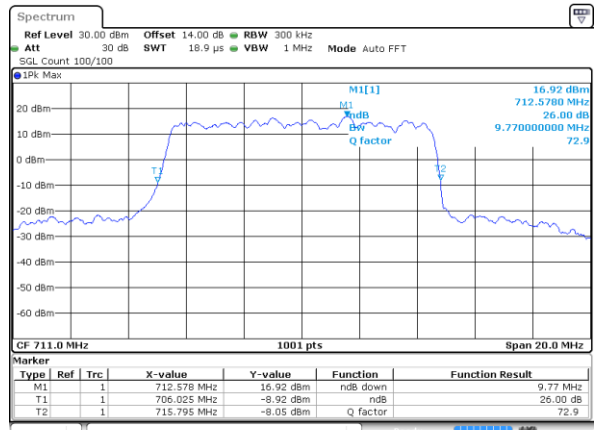
Date: 7 JUN 2018 15:09:56

Highest Channel / 10MHz / QPSK



Date: 7 JUN 2018 15:12:12

Highest Channel / 10MHz / 16QAM

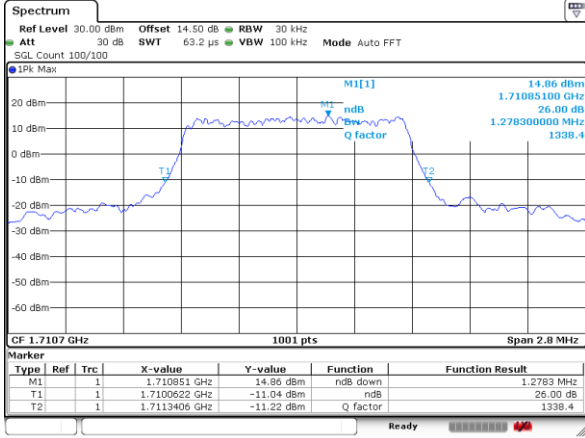


Date: 7 JUN 2018 15:12:22



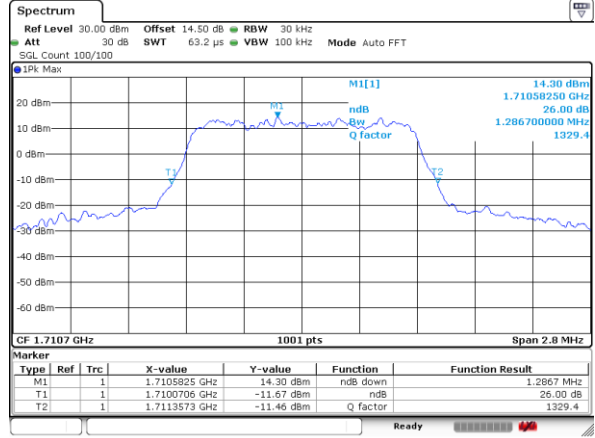
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



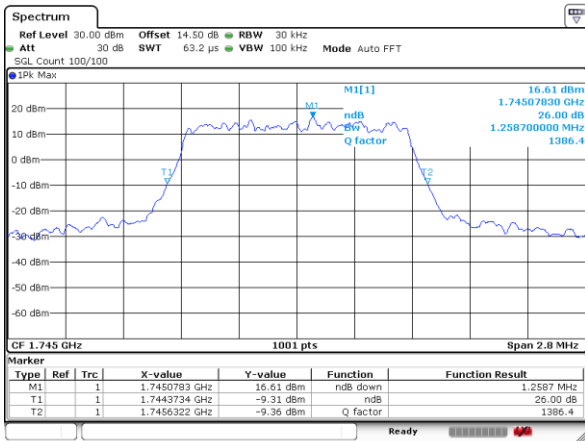
Date: 8 JUN 2018 13:43:22

Lowest Channel / 1.4MHz / 16QAM



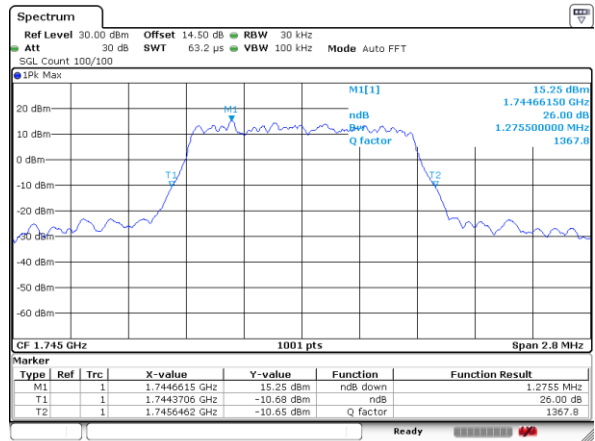
Date: 8 JUN 2018 13:44:05

Middle Channel / 1.4MHz / QPSK



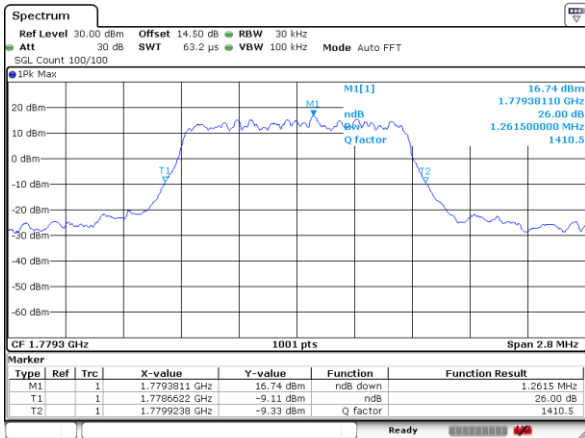
Date: 8 JUN 2018 13:44:46

Middle Channel / 1.4MHz / 16QAM



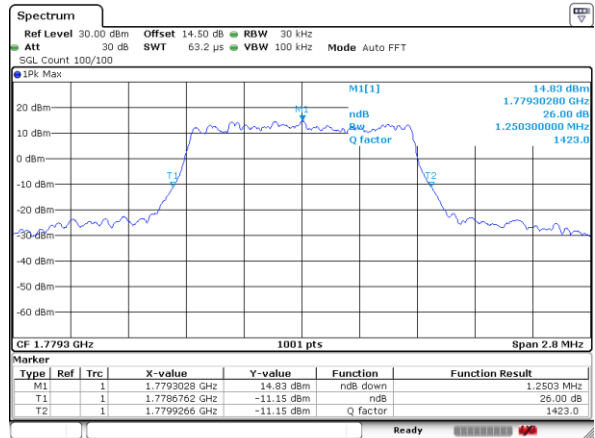
Date: 8 JUN 2018 13:44:57

Highest Channel / 1.4MHz / QPSK



Date: 8 JUN 2018 13:44:45

Highest Channel / 1.4MHz / 16QAM

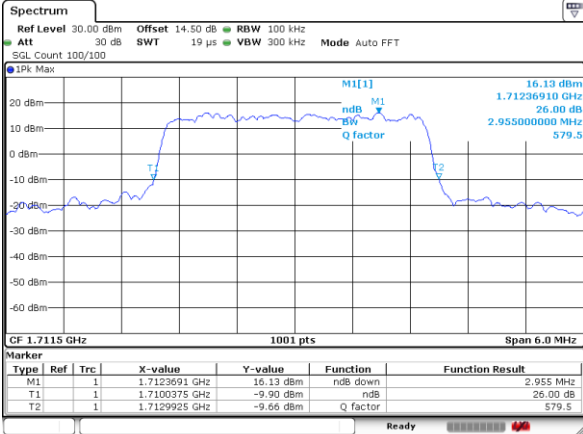


Date: 8 JUN 2018 13:44:23



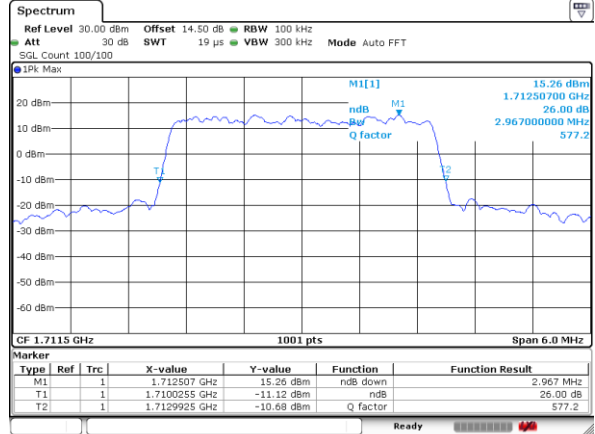
LTE Band 66

Lowest Channel / 3MHz / QPSK



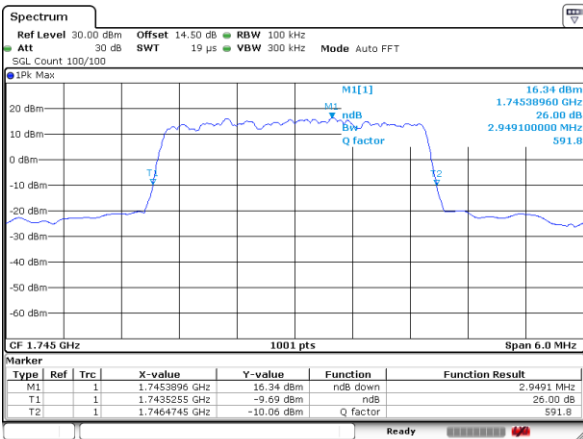
Date: 8 JUN 2018 13:49:08

Lowest Channel / 3MHz / 16QAM



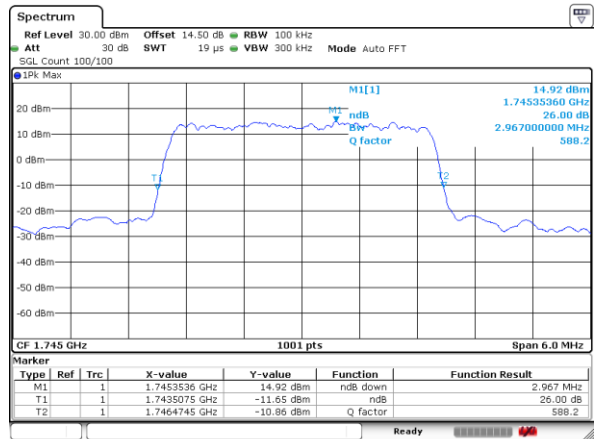
Date: 8 JUN 2018 13:48:41

Middle Channel / 3MHz / QPSK



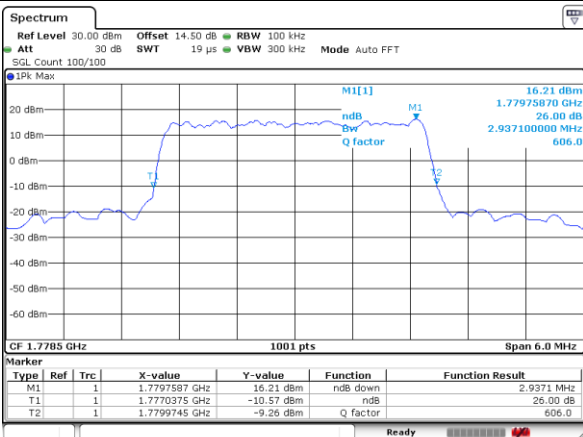
Date: 8 JUN 2018 13:50:46

Middle Channel / 3MHz / 16QAM



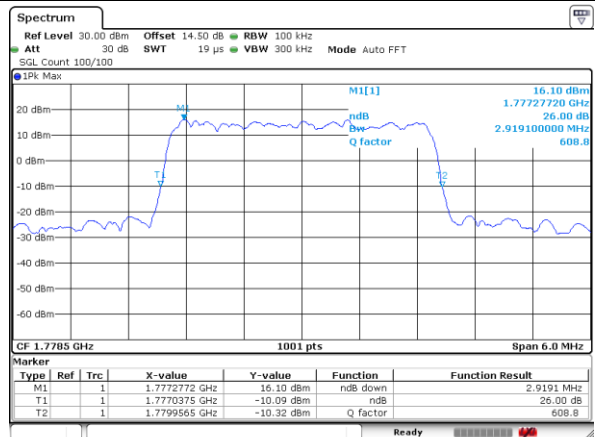
Date: 8 JUN 2018 13:51:17

Highest Channel / 3MHz / QPSK



Date: 8 JUN 2018 13:52:44

Highest Channel / 3MHz / 16QAM

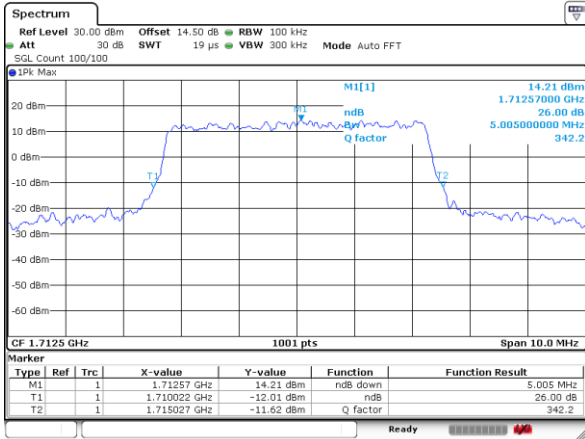


Date: 8 JUN 2018 13:52:12



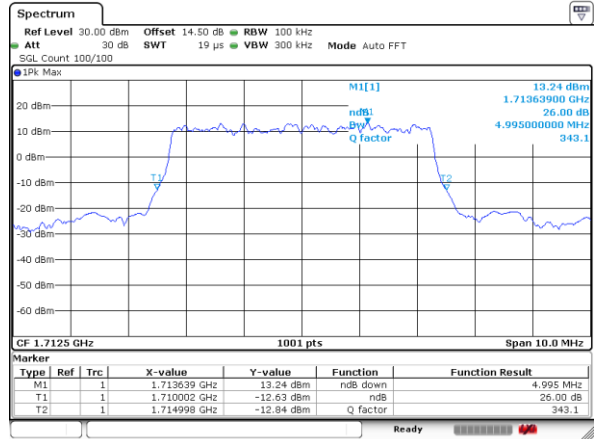
LTE Band 66

Lowest Channel / 5MHz / QPSK



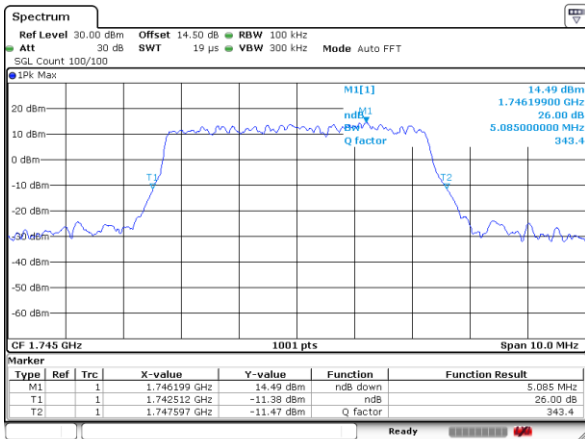
Date: 8 JUN 2018 13:55:13

Lowest Channel / 5MHz / 16QAM



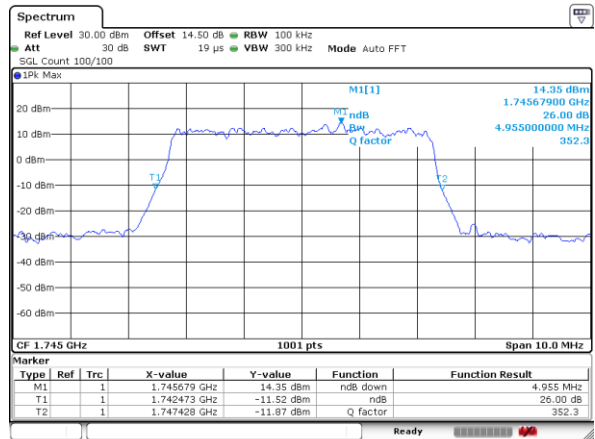
Date: 8 JUN 2018 13:59:46

Middle Channel / 5MHz / QPSK



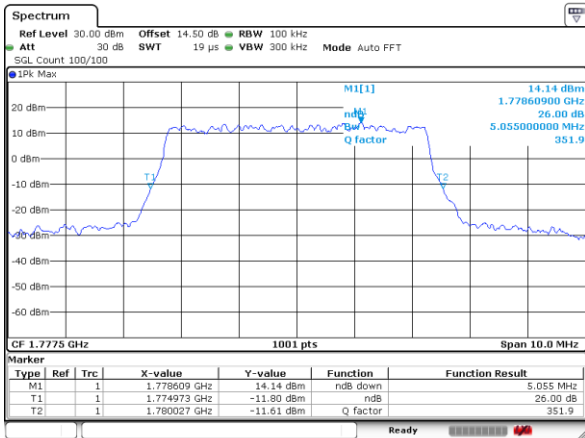
Date: 8 JUN 2018 13:56:52

Middle Channel / 5MHz / 16QAM



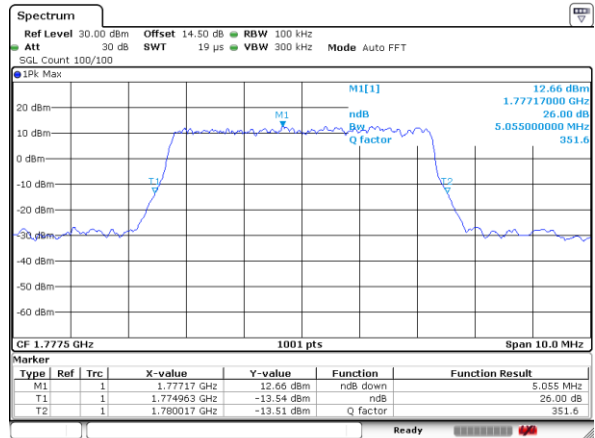
Date: 8 JUN 2018 13:56:32

Highest Channel / 5MHz / QPSK



Date: 8 JUN 2018 13:57:51

Highest Channel / 5MHz / 16QAM

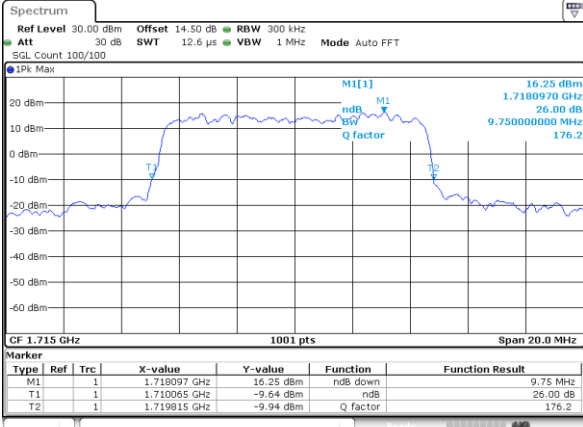


Date: 8 JUN 2018 13:58:29



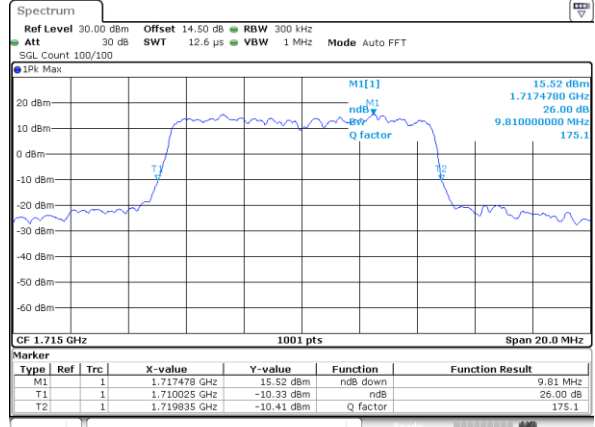
LTE Band 66

Lowest Channel / 10MHz / QPSK



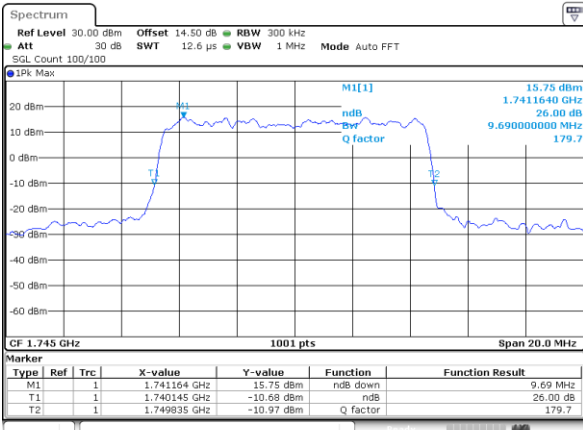
Date: 8 JUN 2018 16:01:00

Lowest Channel / 10MHz / 16QAM



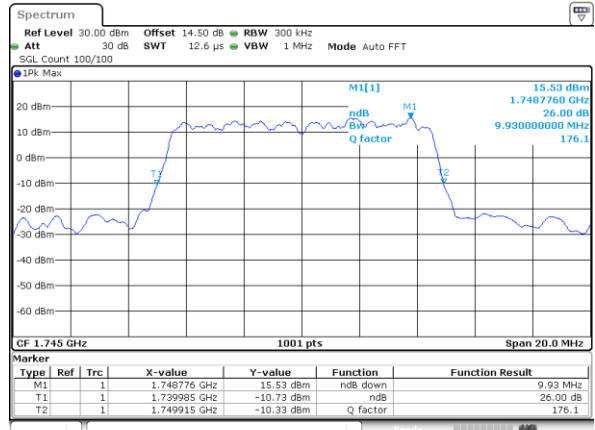
Date: 8 JUN 2018 16:01:19

Middle Channel / 10MHz / QPSK



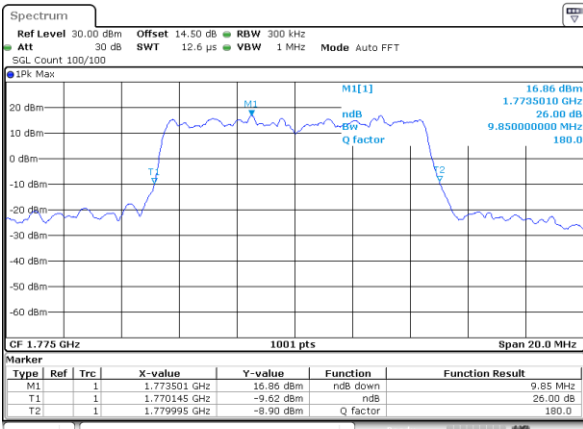
Date: 8 JUN 2018 16:06:05

Middle Channel / 10MHz / 16QAM



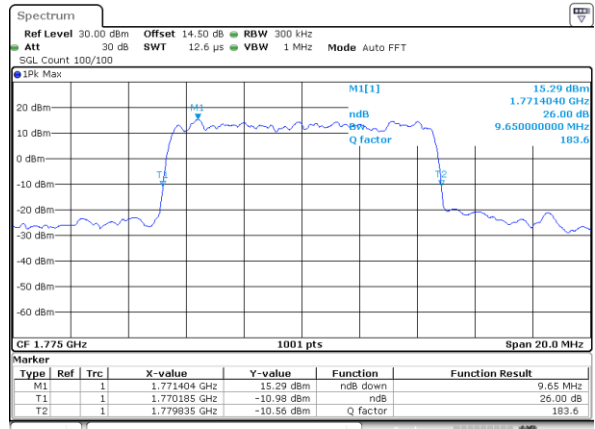
Date: 8 JUN 2018 16:05:41

Highest Channel / 10MHz / QPSK



Date: 8 JUN 2018 16:07:31

Highest Channel / 10MHz / 16QAM

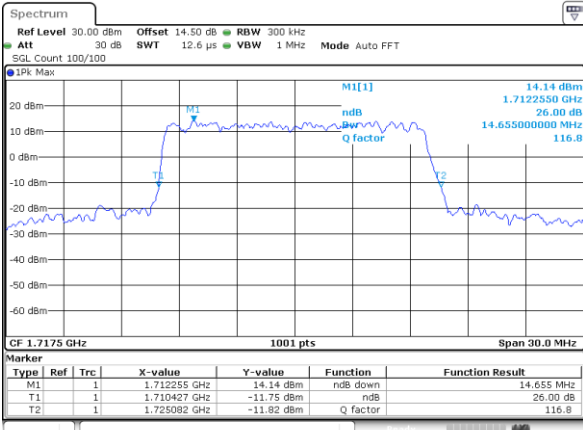


Date: 8 JUN 2018 16:07:54



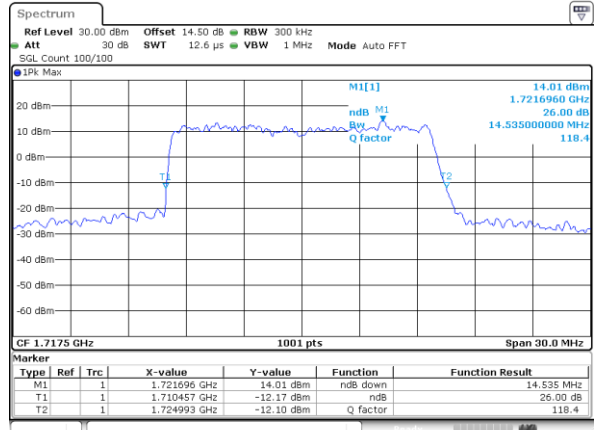
LTE Band 66

Lowest Channel / 15MHz / QPSK



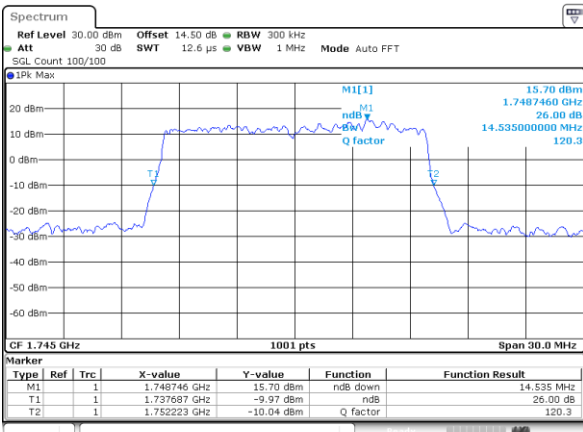
Date: 8 JUN 2018 15:52:16

Lowest Channel / 15MHz / 16QAM



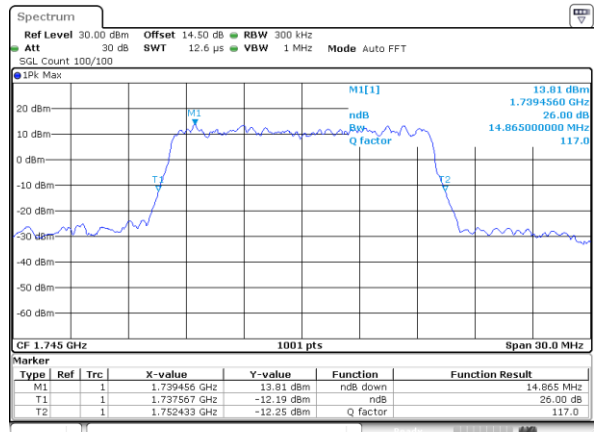
Date: 8 JUN 2018 15:49:58

Middle Channel / 15MHz / QPSK



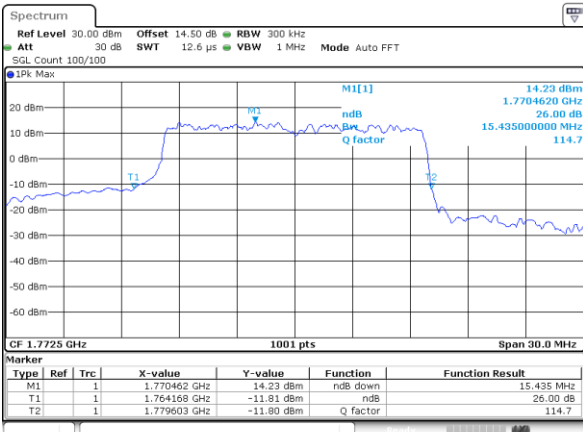
Date: 8 JUN 2018 15:53:05

Middle Channel / 15MHz / 16QAM



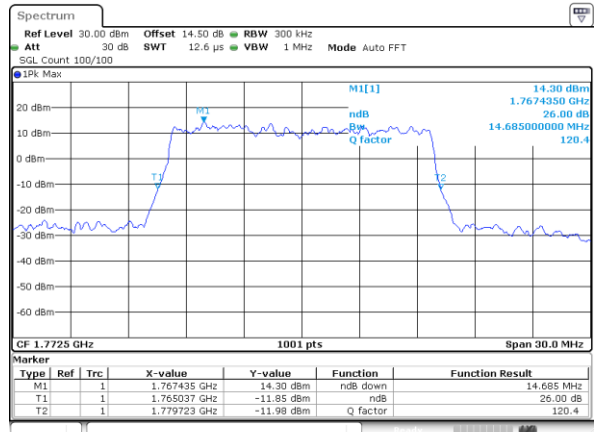
Date: 8 JUN 2018 15:54:22

Highest Channel / 15MHz / QPSK



Date: 8 JUN 2018 15:59:22

Highest Channel / 15MHz / 16QAM

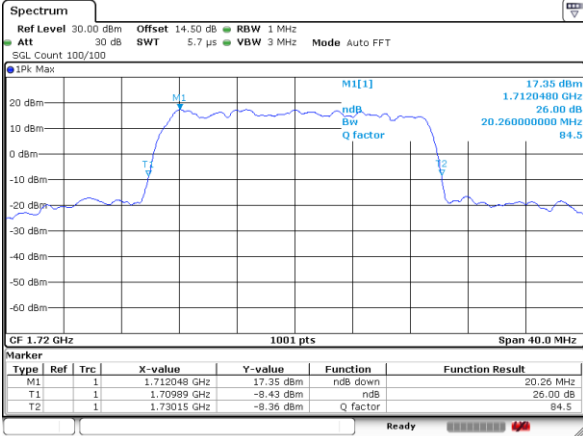


Date: 8 JUN 2018 15:58:58



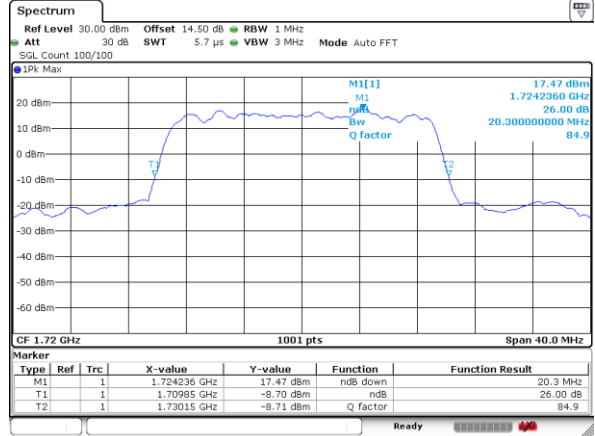
LTE Band 66

Lowest Channel / 20MHz / QPSK



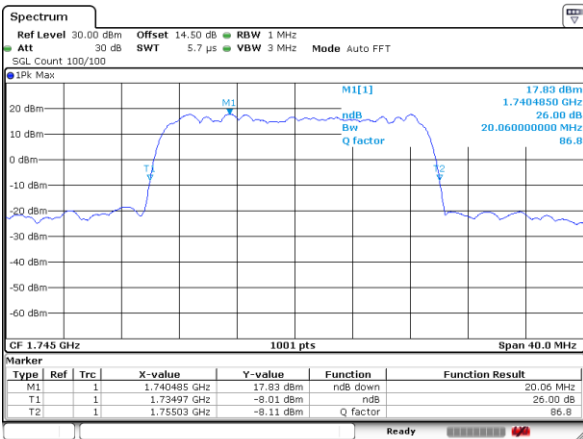
Date: 8 JUN 2018 14:37:39

Lowest Channel / 20MHz / 16QAM



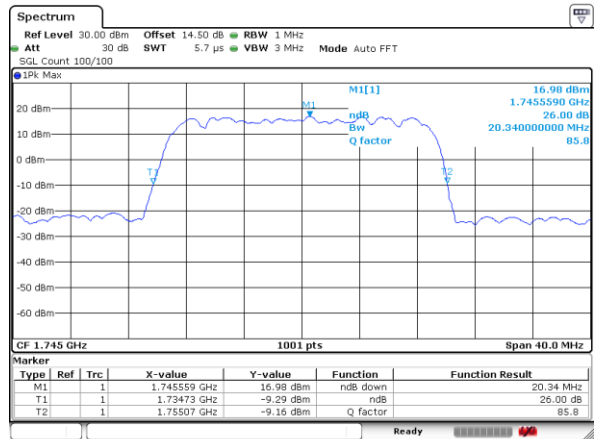
Date: 8 JUN 2018 14:42:31

Middle Channel / 20MHz / QPSK



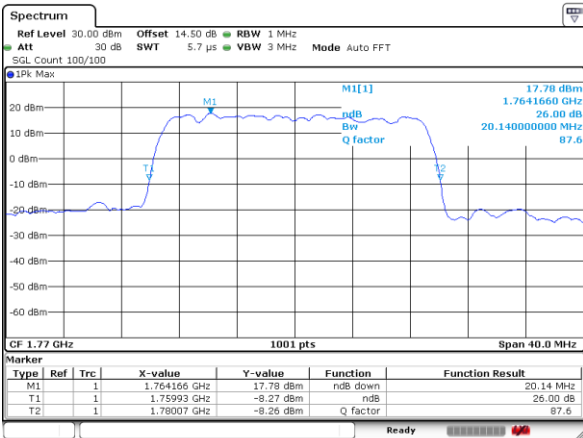
Date: 8 JUN 2018 14:52:08

Middle Channel / 20MHz / 16QAM



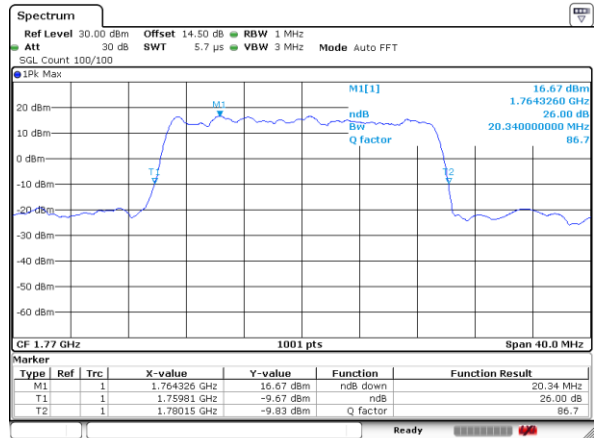
Date: 8 JUN 2018 14:52:58

Highest Channel / 20MHz / QPSK



Date: 8 JUN 2018 14:54:25

Highest Channel / 20MHz / 16QAM



Date: 8 JUN 2018 14:54:00



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	1.08	1.10	2.70	2.70	4.51	4.52	9.09	9.03	13.43	13.49	18.30	18.34
Middle CH	1.09	1.10	2.69	2.73	4.48	4.49	9.05	8.95	13.55	13.49	18.42	18.42
Highest CH	1.09	1.09	2.73	2.71	4.50	4.51	9.07	9.07	13.49	13.46	18.42	18.50

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	2.71	2.71	4.51	4.48	9.01	9.05	13.49	13.49	18.42	18.34
Middle CH	1.09	1.09	2.70	2.70	4.51	4.51	9.07	9.05	13.40	13.46	18.38	18.42
Highest CH	1.09	1.09	2.70	2.70	4.48	4.50	9.09	9.05	13.46	13.52	18.42	18.34

Mode	LTE Band 5 : 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	1.10	2.69	2.70	4.49	4.50	9.01	8.97	-	-	-	-
Middle CH	1.09	1.10	2.69	2.70	4.49	4.52	9.09	9.05	-	-	-	-
Highest CH	1.09	1.09	2.71	2.69	4.51	4.49	8.99	9.05	-	-	-	-

Mode	LTE Band 7 : 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	-	-	-	-	4.52	4.51	9.05	9.07	13.43	13.49	18.38	18.54
Middle CH	-	-	-	-	4.51	4.48	9.05	9.03	13.52	13.46	18.50	18.62
Highest CH	-	-	-	-	4.50	4.52	9.07	8.99	13.46	13.52	18.50	18.42



Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.69	4.51	4.51	9.07	9.05	-	-	-	-
Middle CH	1.08	1.10	2.72	2.71	4.51	4.51	9.07	9.01	-	-	-	-
Highest CH	1.09	1.09	2.71	2.72	4.50	4.50	9.05	9.03	-	-	-	-

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.47	-	-	-	-	-	-
Middle CH	-	-	-	-	4.53	4.51	9.07	9.01	-	-	-	-
Highest CH	-	-	-	-	4.50	4.49	-	-	-	-	-	-

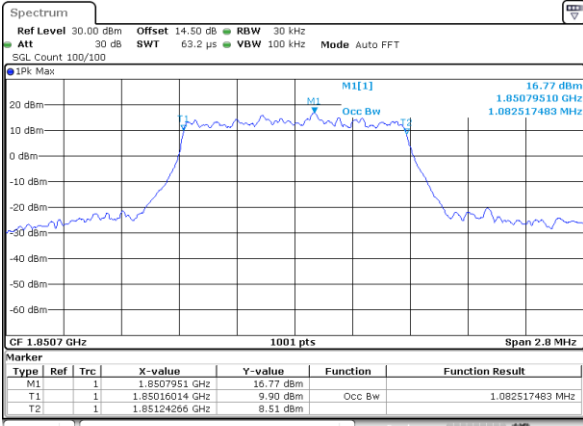
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.51	9.09	9.03	-	-	-	-
Middle CH	-	-	-	-	4.53	4.49	9.03	8.99	-	-	-	-
Highest CH	-	-	-	-	4.52	4.51	9.07	9.03	-	-	-	-

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	2.70	4.48	4.50	9.05	8.99	13.46	13.52	18.34	18.42
Middle CH	1.09	1.09	2.71	2.70	4.51	4.49	9.05	9.03	13.49	13.46	18.22	18.46
Highest CH	1.09	1.09	2.70	2.70	4.49	4.49	9.05	9.03	13.40	13.46	18.38	18.42



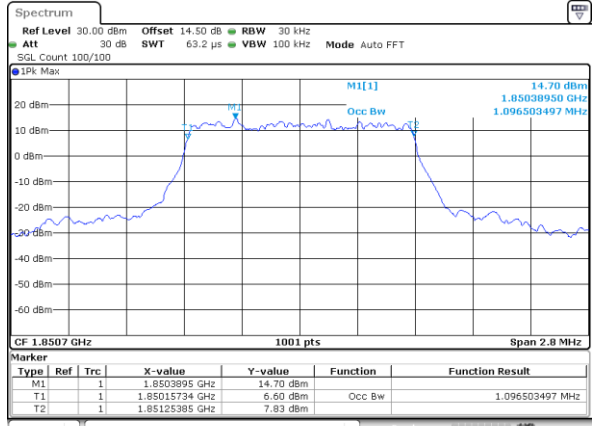
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



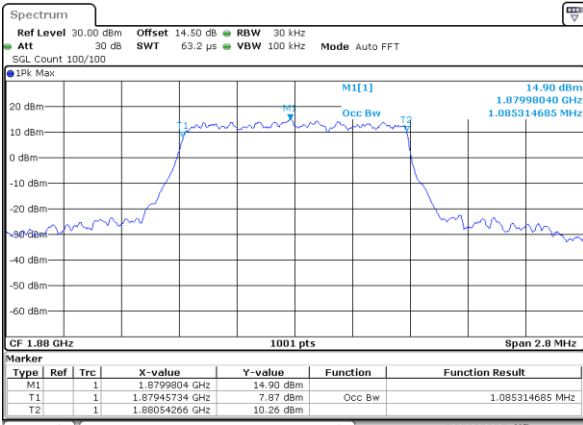
Date: 4 JUN 2018 22:22:17

Lowest Channel / 1.4MHz / 16QAM



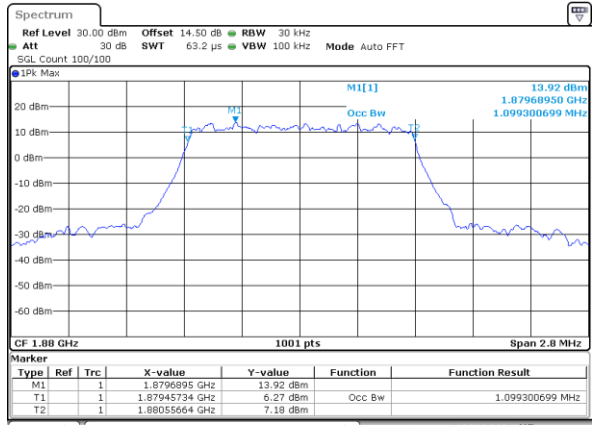
Date: 4 JUN 2018 22:22:27

Middle Channel / 1.4MHz / QPSK



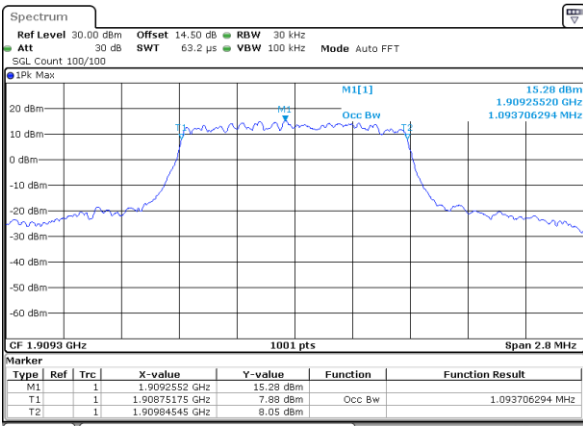
Date: 4 JUN 2018 22:29:28

Middle Channel / 1.4MHz / 16QAM



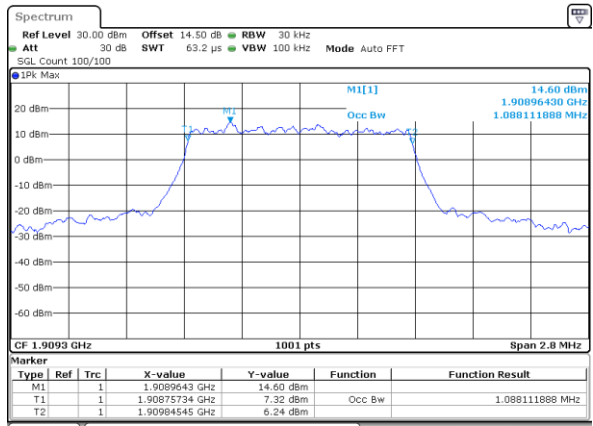
Date: 4 JUN 2018 22:29:38

Highest Channel / 1.4MHz / QPSK



Date: 4 JUN 2018 22:32:00

Highest Channel / 1.4MHz / 16QAM

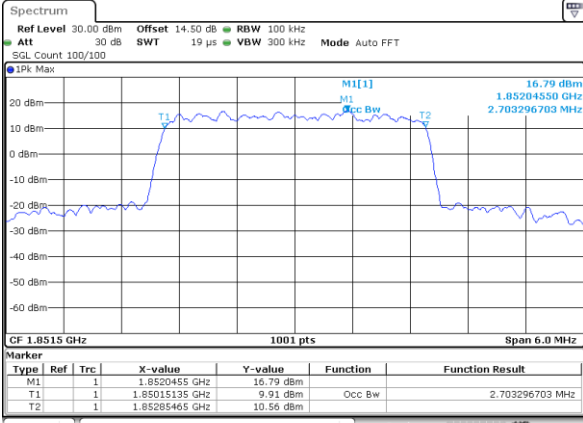


Date: 4 JUN 2018 22:32:10



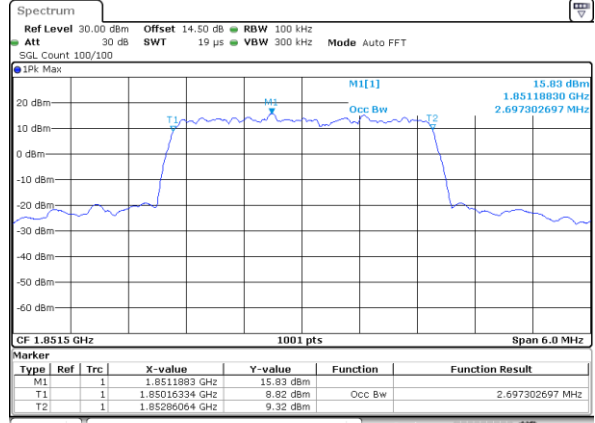
LTE Band 2

Lowest Channel / 3MHz / QPSK



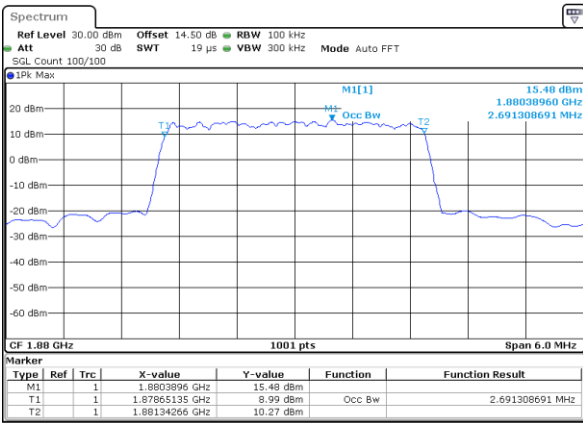
Date: 4 JUN 2018 22:47:58

Lowest Channel / 3MHz / 16QAM



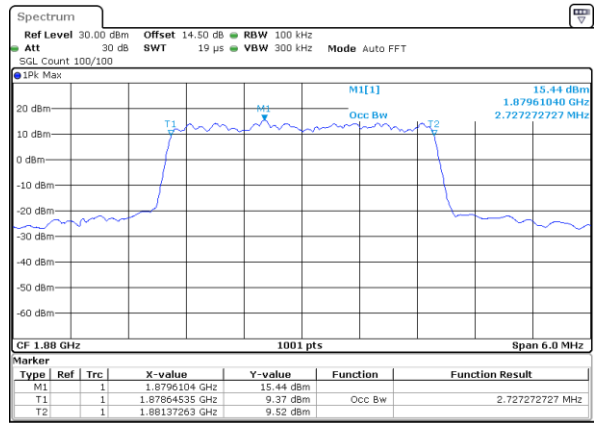
Date: 4 JUN 2018 22:48:08

Middle Channel / 3MHz / QPSK



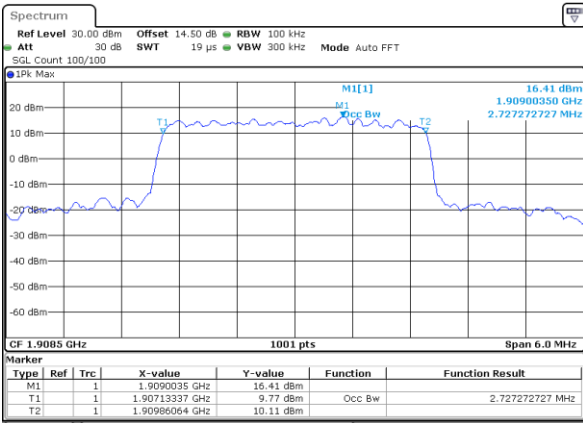
Date: 4 JUN 2018 22:55:11

Middle Channel / 3MHz / 16QAM



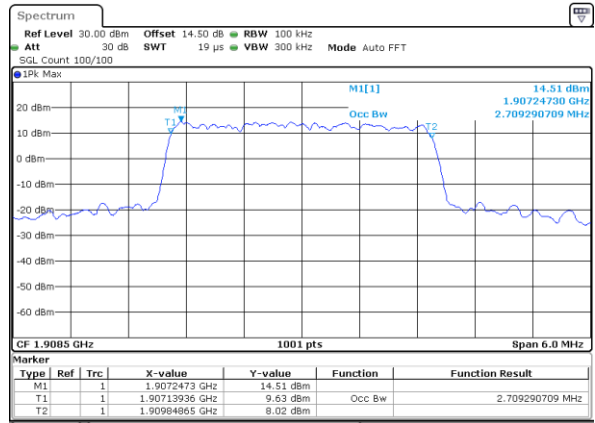
Date: 4 JUN 2018 22:55:21

Highest Channel / 3MHz / QPSK



Date: 4 JUN 2018 22:57:44

Highest Channel / 3MHz / 16QAM

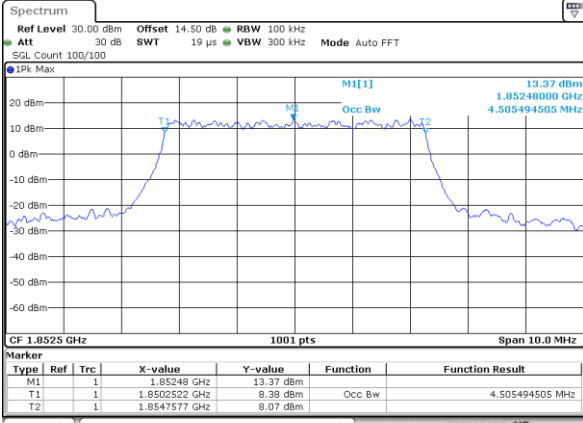


Date: 4 JUN 2018 22:57:54



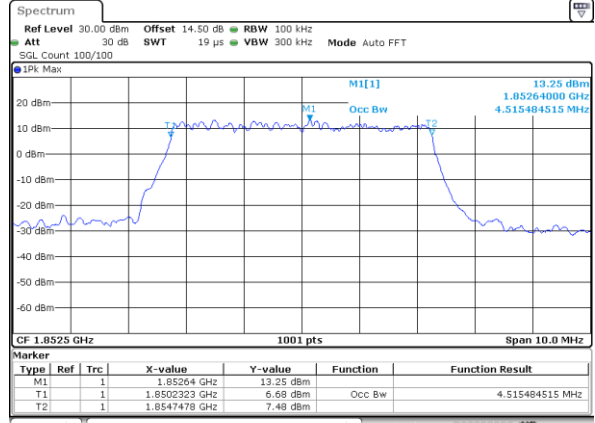
LTE Band 2

Lowest Channel / 5MHz / QPSK



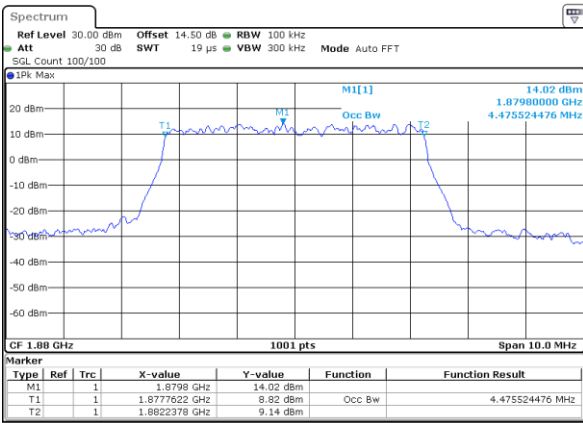
Date: 4 JUN 2018 23:19:38

Lowest Channel / 5MHz / 16QAM



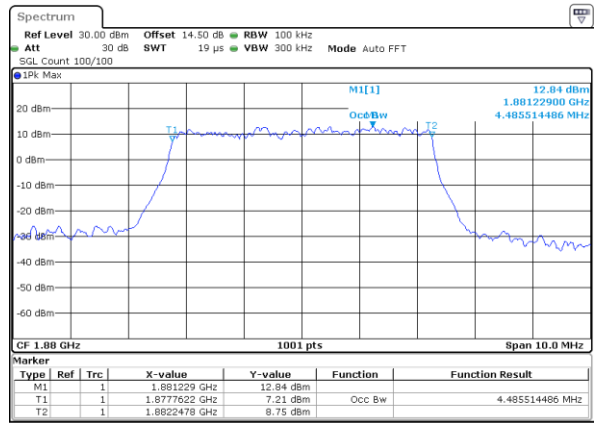
Date: 4 JUN 2018 23:19:48

Middle Channel / 5MHz / QPSK



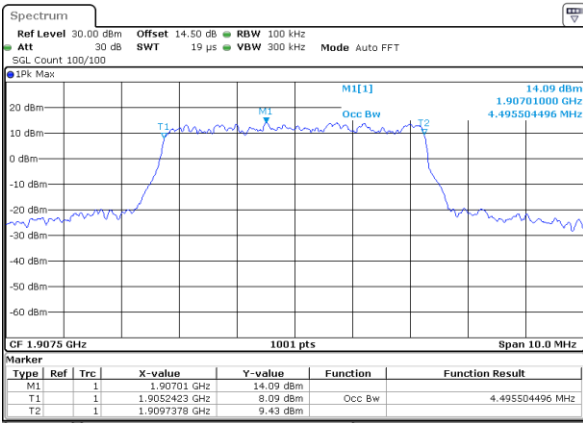
Date: 4 JUN 2018 23:37:59

Middle Channel / 5MHz / 16QAM



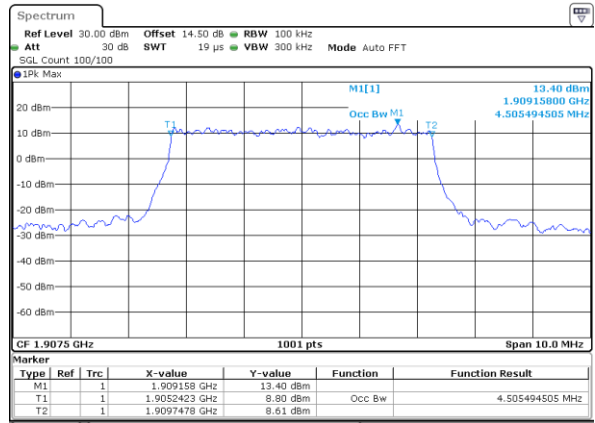
Date: 4 JUN 2018 23:38:09

Highest Channel / 5MHz / QPSK



Date: 4 JUN 2018 23:40:32

Highest Channel / 5MHz / 16QAM

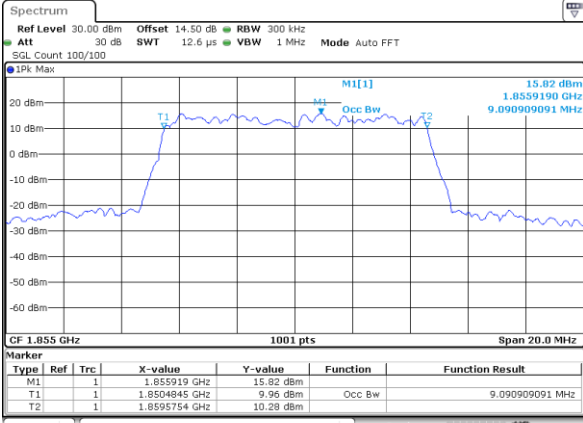


Date: 4 JUN 2018 23:40:42



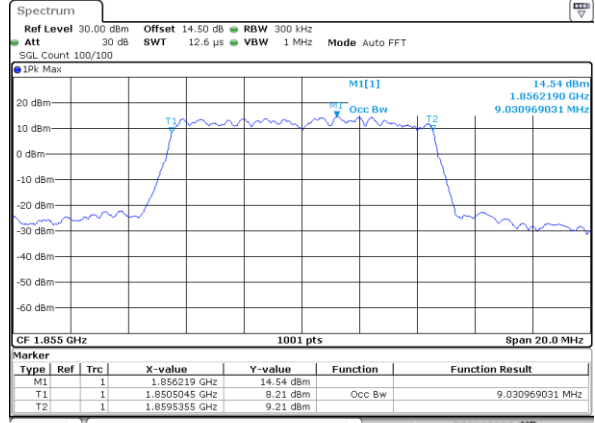
LTE Band 2

Lowest Channel / 10MHz / QPSK



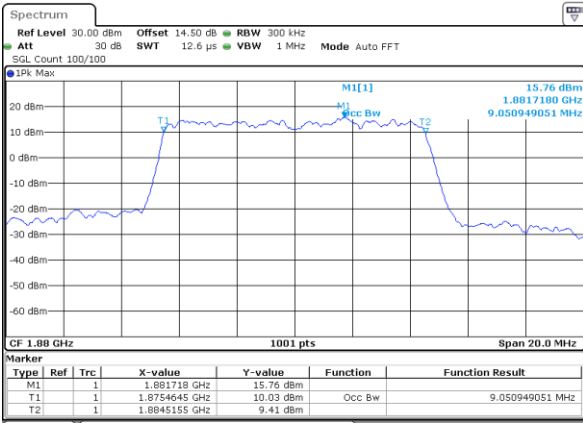
Date: 4 JUN 2018 23:51:00

Lowest Channel / 10MHz / 16QAM



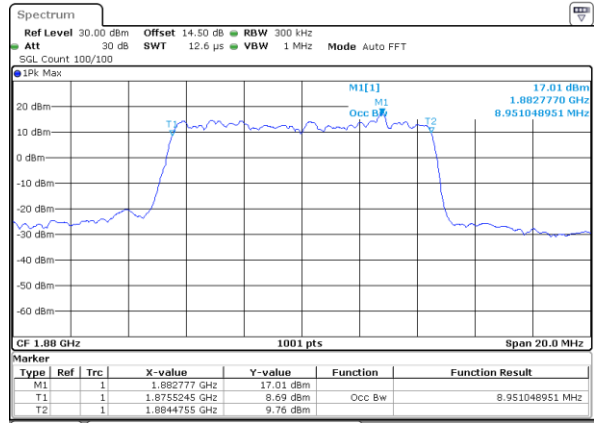
Date: 4 JUN 2018 23:51:11

Middle Channel / 10MHz / QPSK



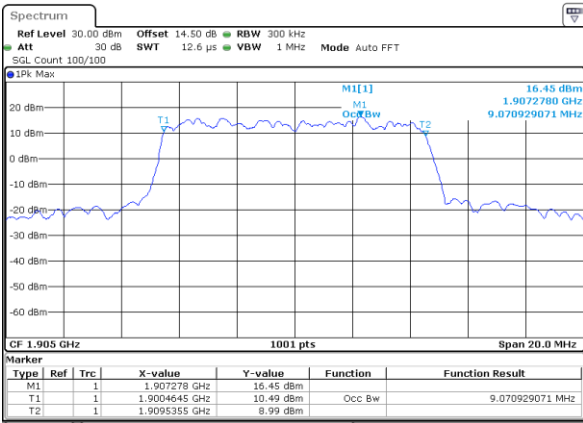
Date: 4 JUN 2018 23:58:12

Middle Channel / 10MHz / 16QAM



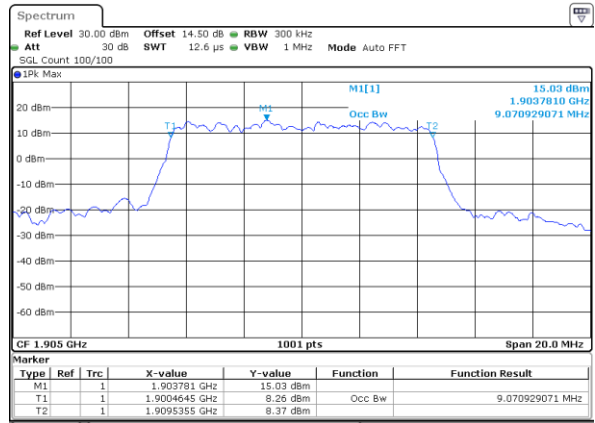
Date: 4 JUN 2018 23:58:22

Highest Channel / 10MHz / QPSK



Date: 5 JUN 2018 00:00:44

Highest Channel / 10MHz / 16QAM

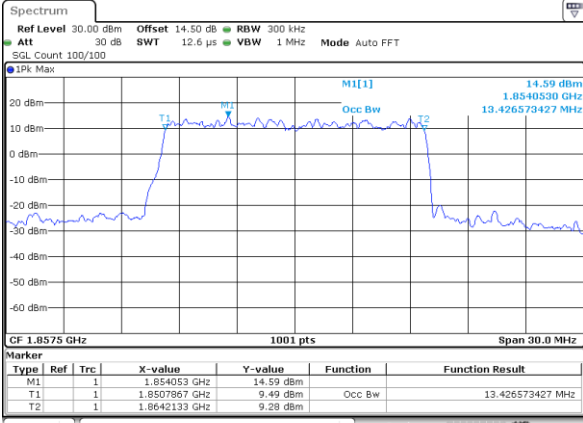


Date: 5 JUN 2018 00:00:54



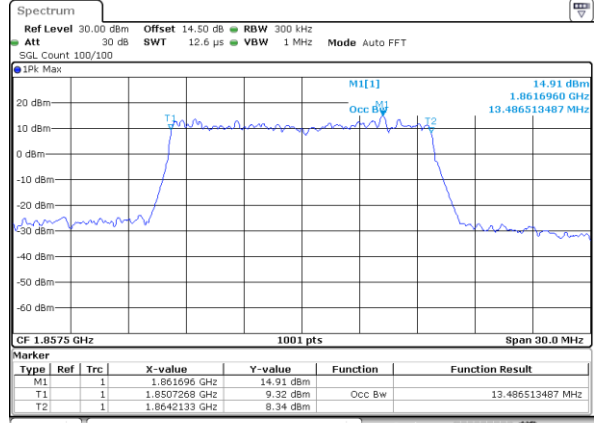
LTE Band 2

Lowest Channel / 15MHz / QPSK



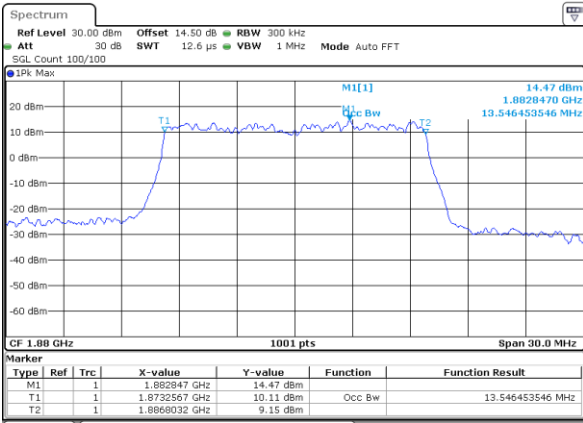
Date: 5 JUN 2018 00:10:20

Lowest Channel / 15MHz / 16QAM



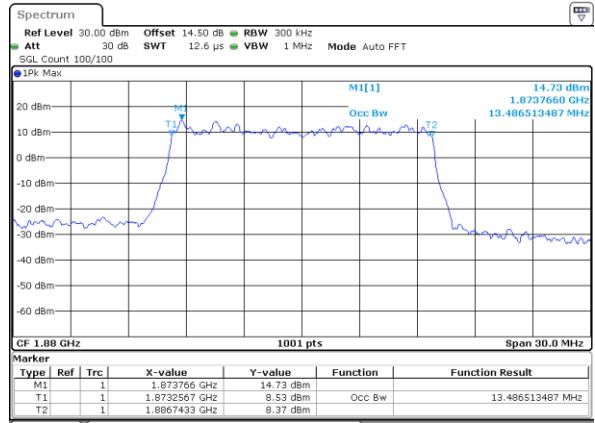
Date: 5 JUN 2018 00:10:30

Middle Channel / 15MHz / QPSK



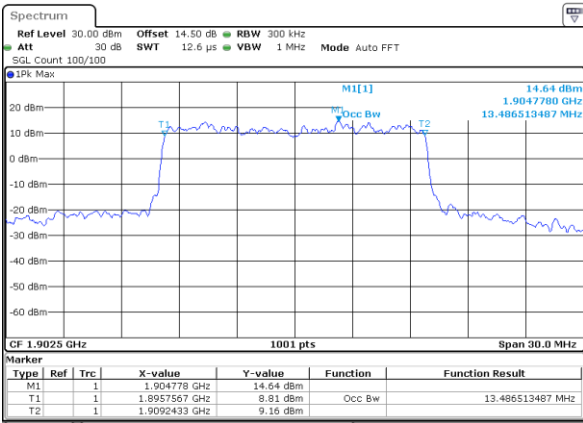
Date: 5 JUN 2018 00:17:30

Middle Channel / 15MHz / 16QAM



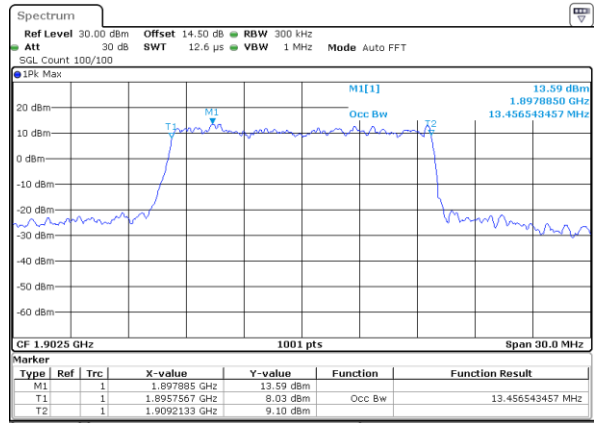
Date: 5 JUN 2018 00:17:41

Highest Channel / 15MHz / QPSK



Date: 5 JUN 2018 00:20:03

Highest Channel / 15MHz / 16QAM

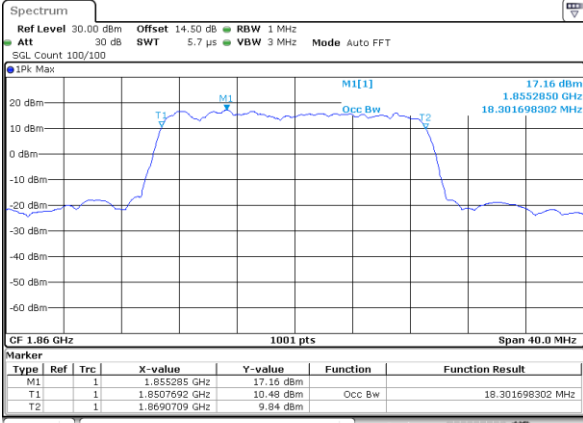


Date: 5 JUN 2018 00:20:14



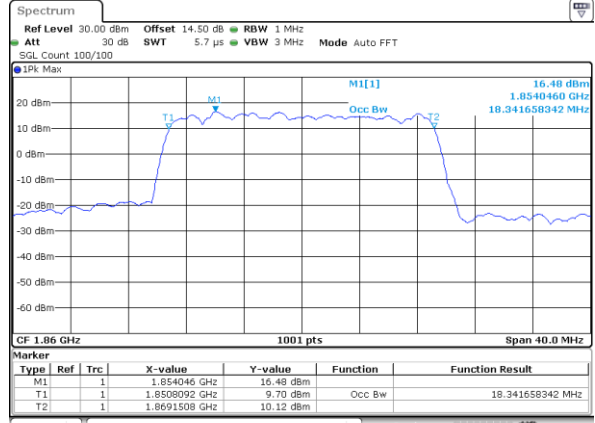
LTE Band 2

Lowest Channel / 20MHz / QPSK



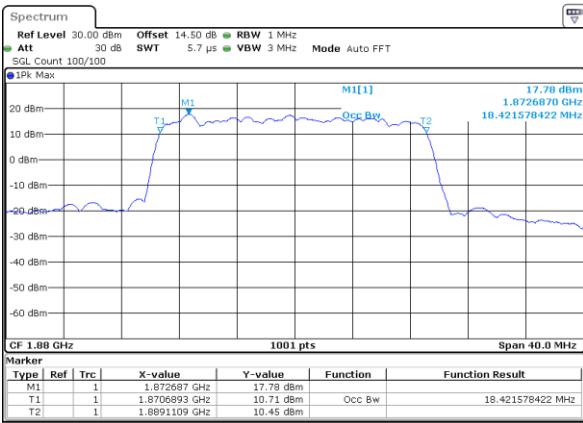
Date: 5 JUN 2018 00:32:20

Lowest Channel / 20MHz / 16QAM



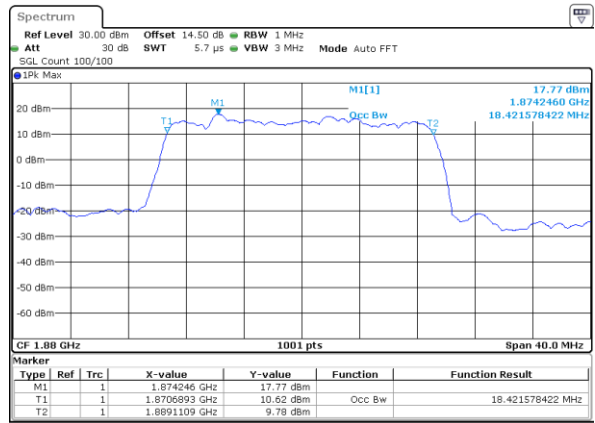
Date: 5 JUN 2018 00:32:30

Middle Channel / 20MHz / QPSK



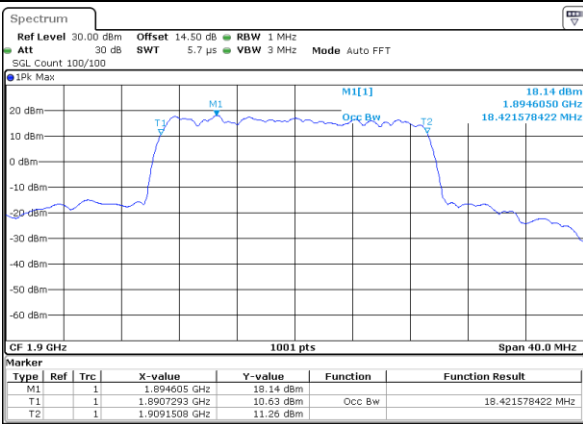
Date: 5 JUN 2018 00:39:31

Middle Channel / 20MHz / 16QAM



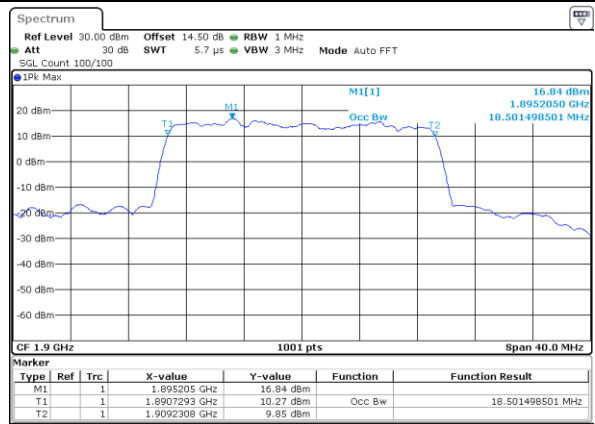
Date: 5 JUN 2018 00:39:41

Highest Channel / 20MHz / QPSK



Date: 5 JUN 2018 00:42:04

Highest Channel / 20MHz / 16QAM

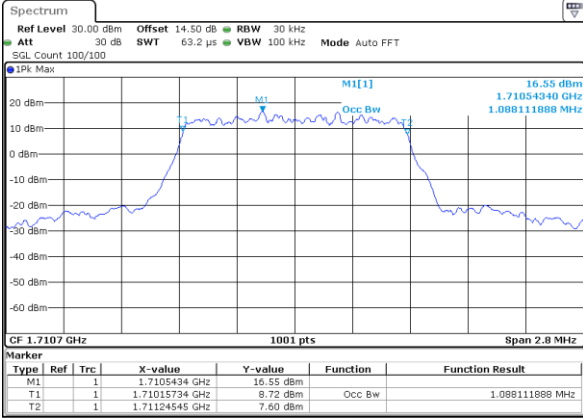


Date: 5 JUN 2018 00:42:14



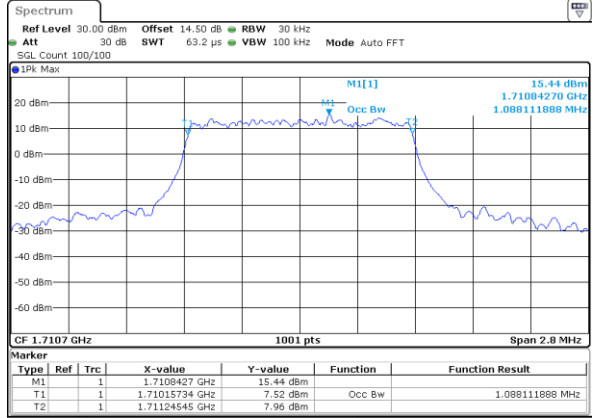
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



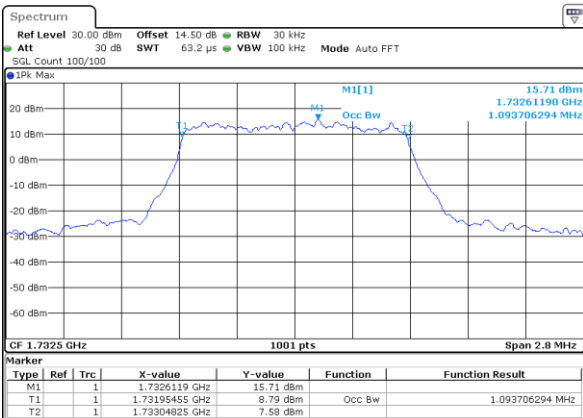
Date: 5 JUN 2018 08:14:09

Lowest Channel / 1.4MHz / 16QAM



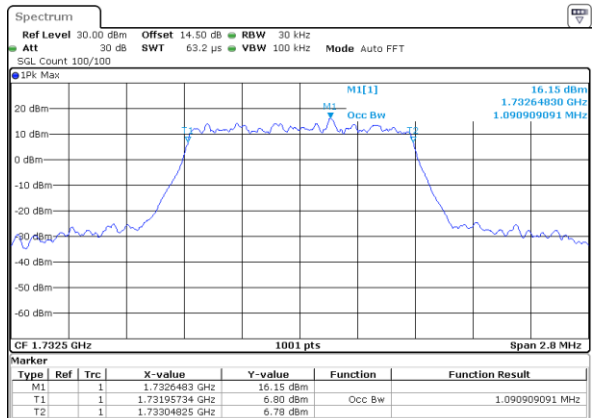
Date: 5 JUN 2018 08:14:19

Middle Channel / 1.4MHz / QPSK



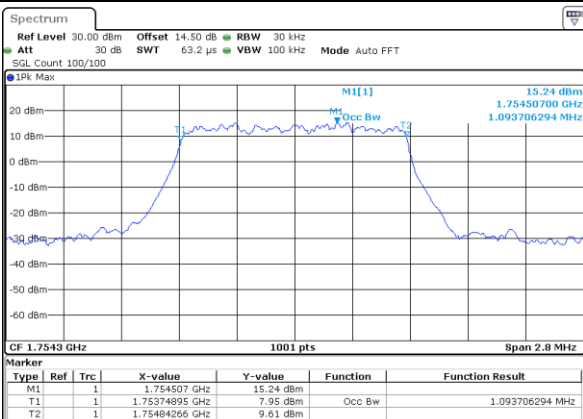
Date: 5 JUN 2018 08:21:16

Middle Channel / 1.4MHz / 16QAM



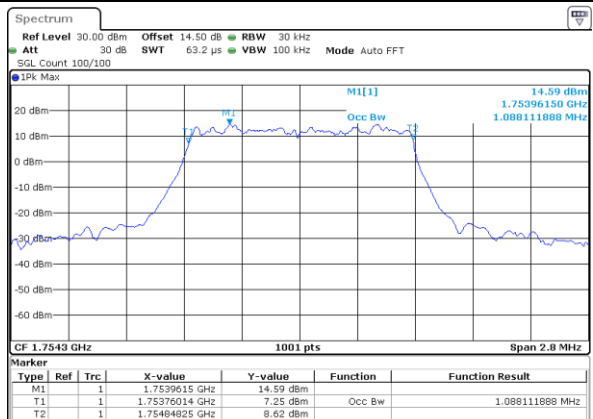
Date: 5 JUN 2018 08:21:26

Highest Channel / 1.4MHz / QPSK



Date: 5 JUN 2018 08:23:48

Highest Channel / 1.4MHz / 16QAM

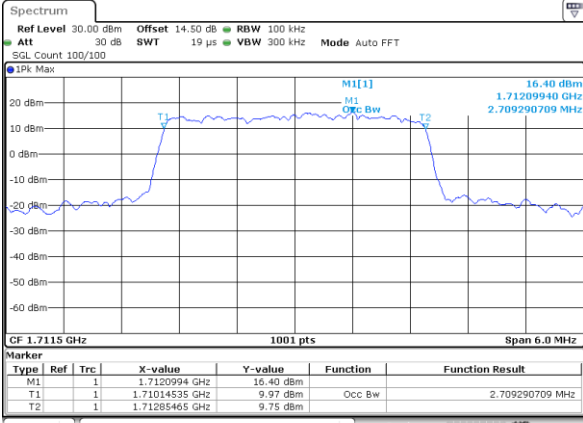


Date: 5 JUN 2018 08:23:58



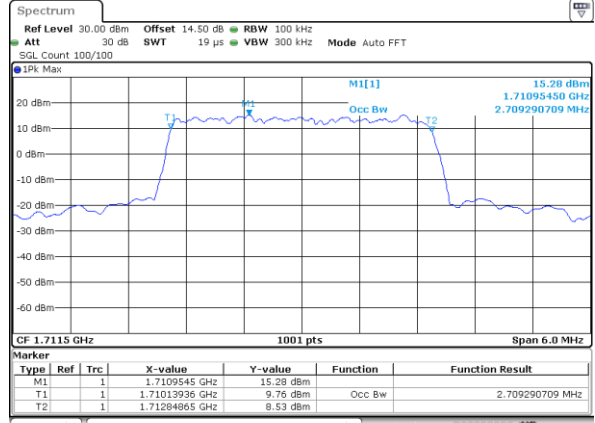
LTE Band 4

Lowest Channel / 3MHz / QPSK



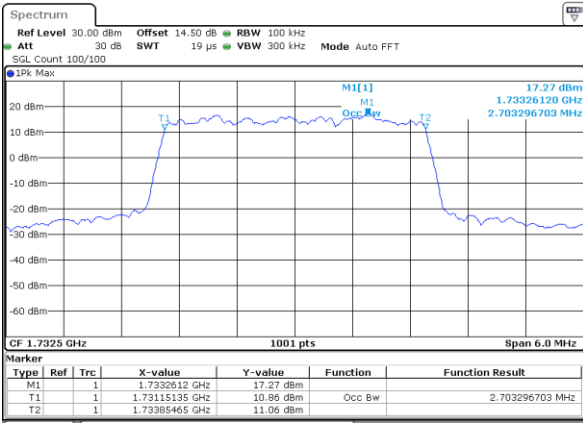
Date: 5 JUN 2018 08:30:55

Lowest Channel / 3MHz / 16QAM



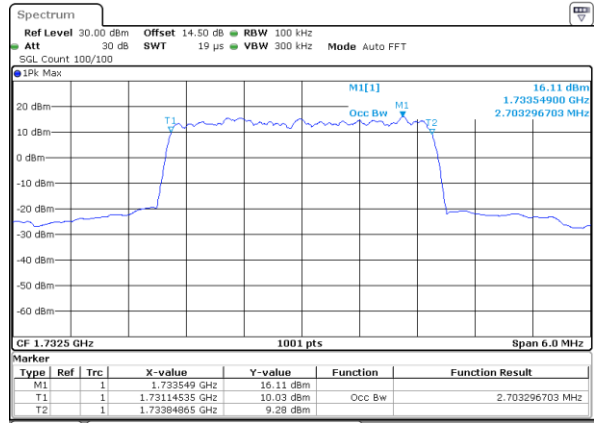
Date: 5 JUN 2018 08:31:05

Middle Channel / 3MHz / QPSK



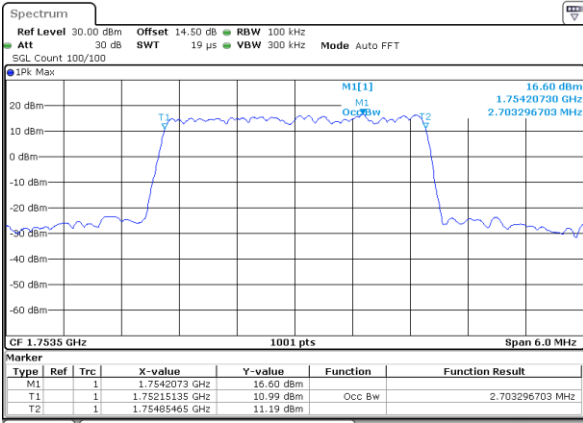
Date: 5 JUN 2018 08:38:02

Middle Channel / 3MHz / 16QAM



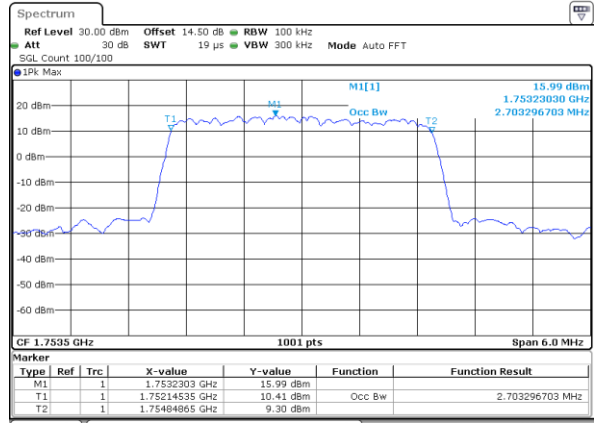
Date: 5 JUN 2018 08:38:12

Highest Channel / 3MHz / QPSK



Date: 5 JUN 2018 08:40:34

Highest Channel / 3MHz / 16QAM

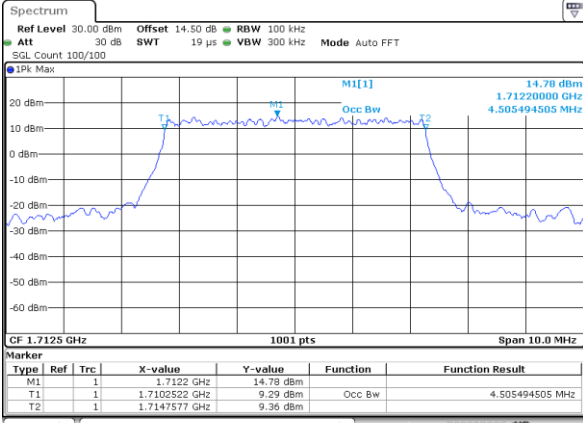


Date: 5 JUN 2018 08:40:44



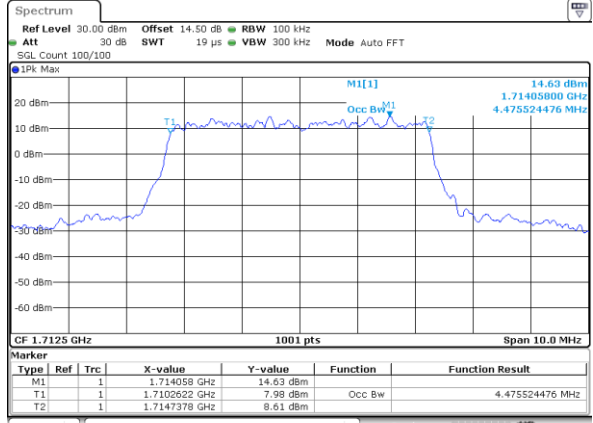
LTE Band 4

Lowest Channel / 5MHz / QPSK



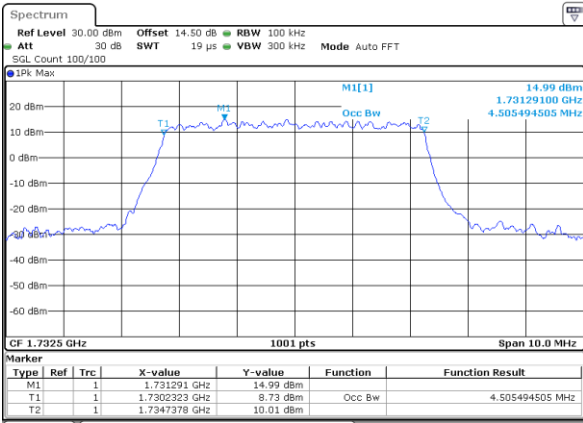
Date: 5 JUN 2018 08:47:41

Lowest Channel / 5MHz / 16QAM



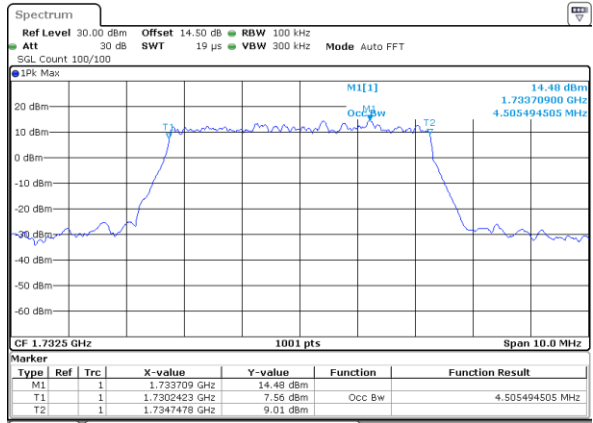
Date: 5 JUN 2018 08:47:52

Middle Channel / 5MHz / QPSK



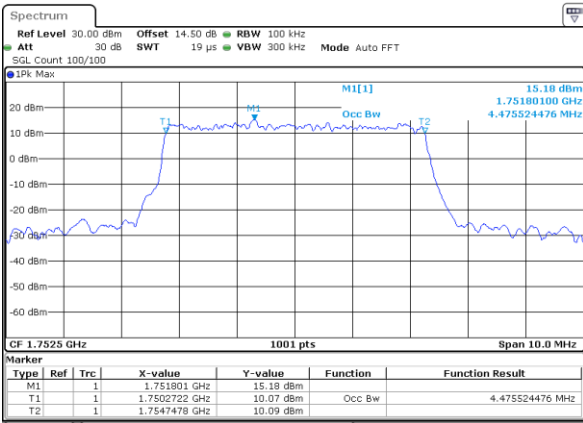
Date: 5 JUN 2018 08:54:49

Middle Channel / 5MHz / 16QAM



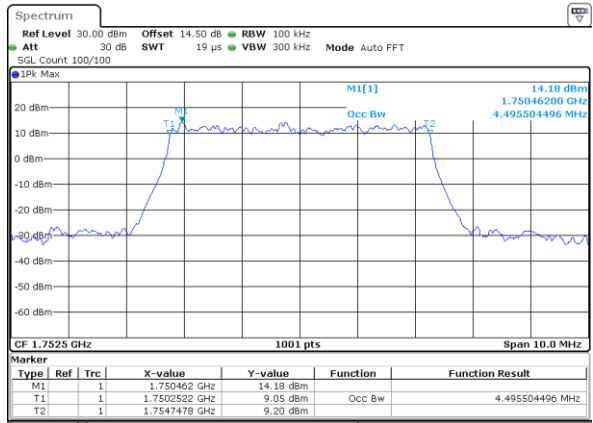
Date: 5 JUN 2018 08:54:59

Highest Channel / 5MHz / QPSK



Date: 5 JUN 2018 08:57:20

Highest Channel / 5MHz / 16QAM

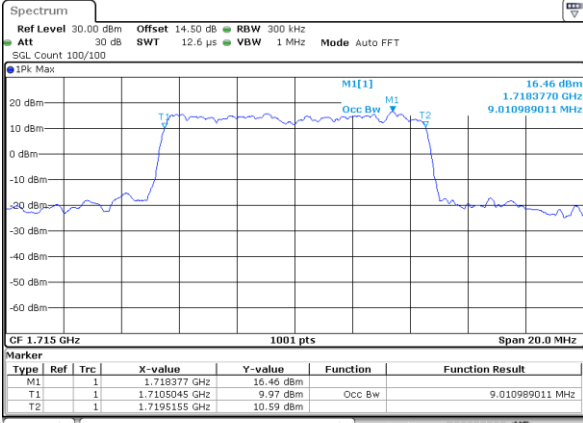


Date: 5 JUN 2018 08:57:30



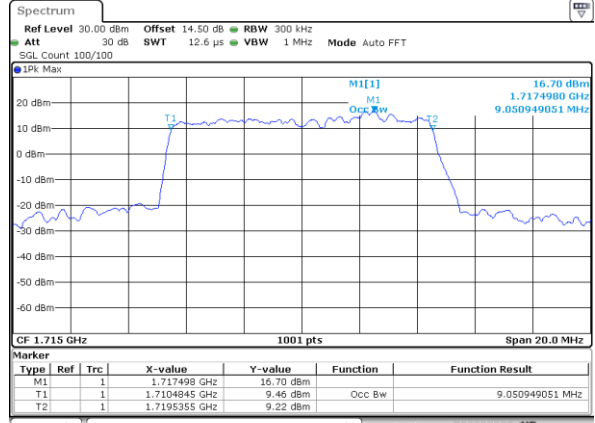
LTE Band 4

Lowest Channel / 10MHz / QPSK



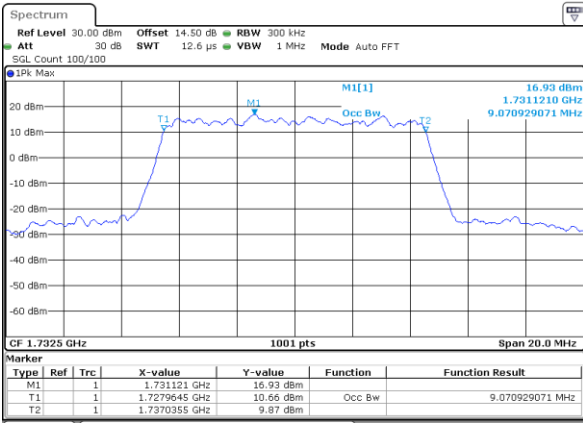
Date: 5 JUN 2018 09:04:27

Lowest Channel / 10MHz / 16QAM



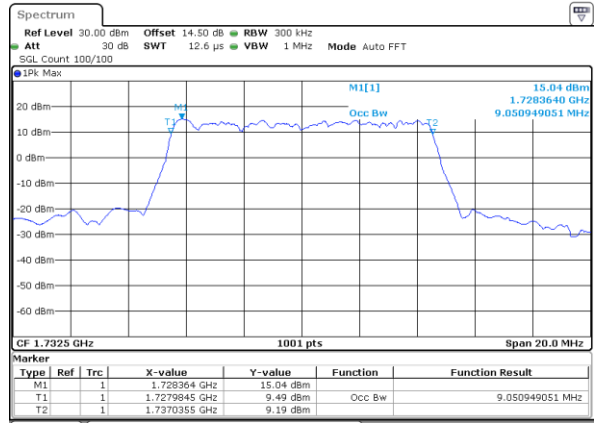
Date: 5 JUN 2018 09:04:38

Middle Channel / 10MHz / QPSK



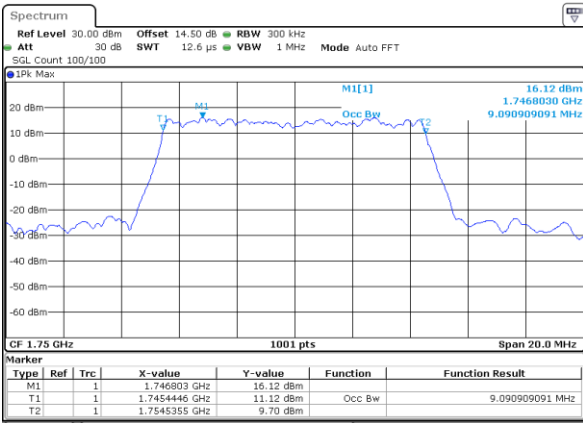
Date: 5 JUN 2018 09:11:35

Middle Channel / 10MHz / 16QAM



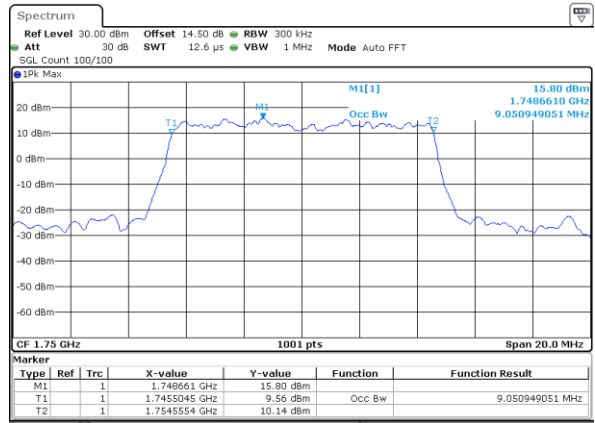
Date: 5 JUN 2018 09:11:45

Highest Channel / 10MHz / QPSK



Date: 5 JUN 2018 09:14:06

Highest Channel / 10MHz / 16QAM

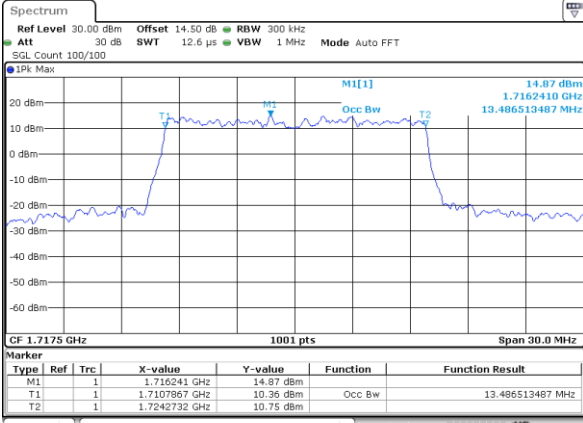


Date: 5 JUN 2018 09:14:16



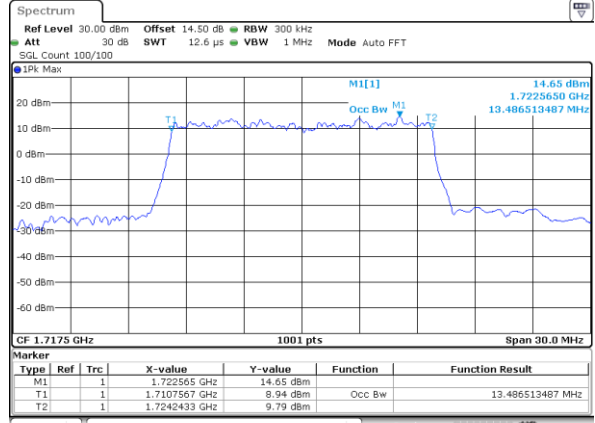
LTE Band 4

Lowest Channel / 15MHz / QPSK



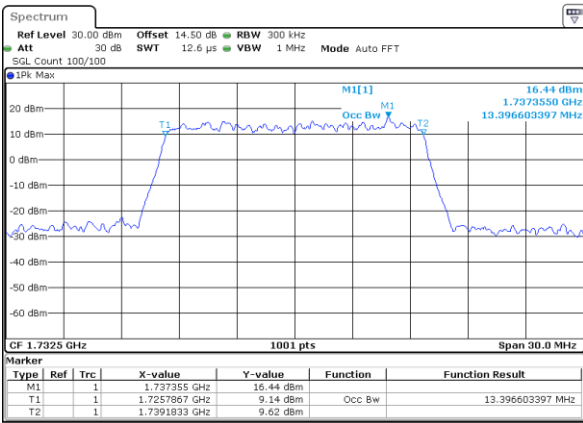
Date: 5 JUN 2018 09:21:13

Lowest Channel / 15MHz / 16QAM



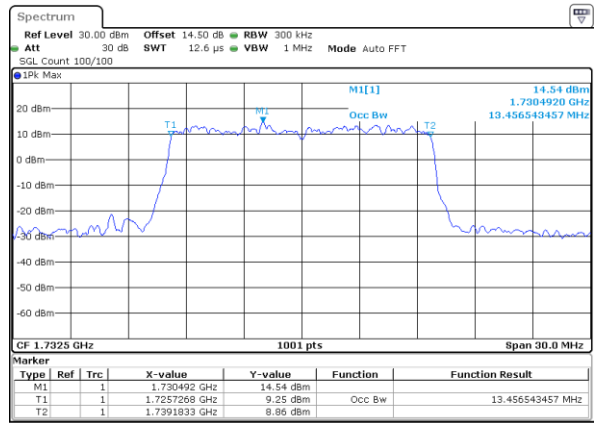
Date: 5 JUN 2018 09:21:23

Middle Channel / 15MHz / QPSK



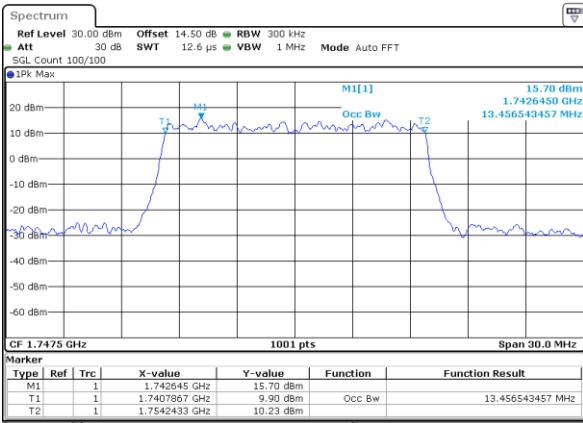
Date: 5 JUN 2018 09:28:20

Middle Channel / 15MHz / 16QAM



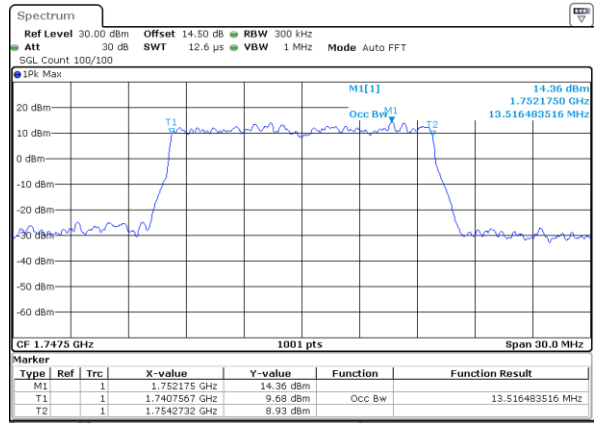
Date: 5 JUN 2018 09:28:30

Highest Channel / 15MHz / QPSK



Date: 5 JUN 2018 09:30:51

Highest Channel / 15MHz / 16QAM

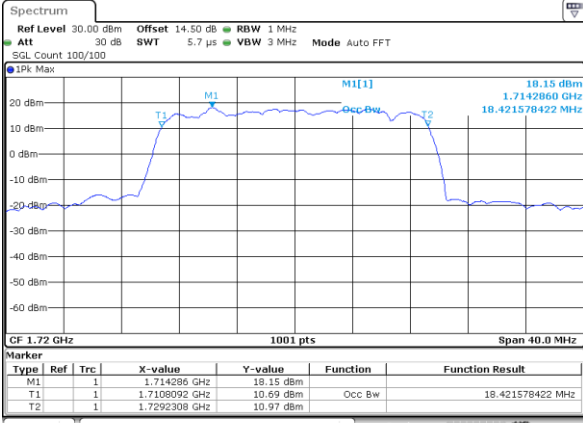


Date: 5 JUN 2018 09:31:01



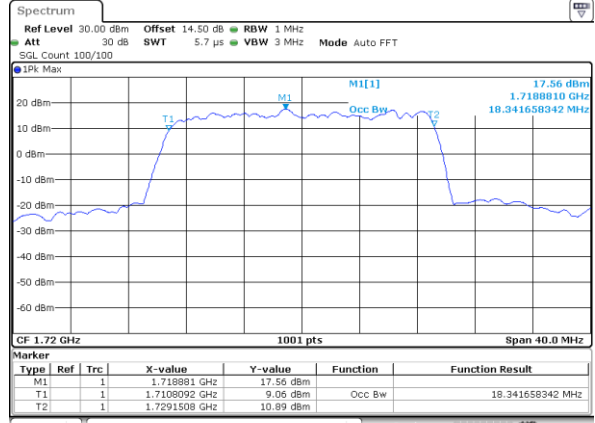
LTE Band 4

Lowest Channel / 20MHz / QPSK



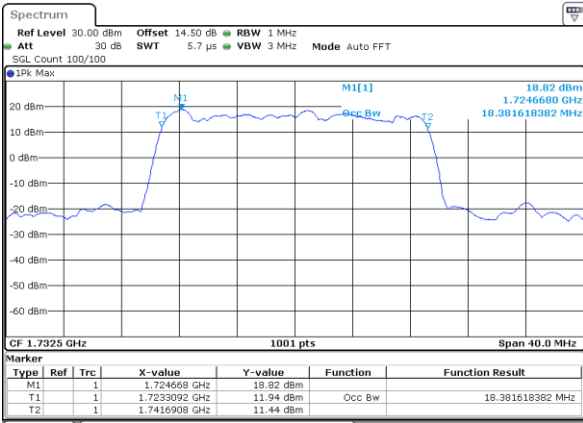
Date: 5 JUN 2018 09:37:58

Lowest Channel / 20MHz / 16QAM



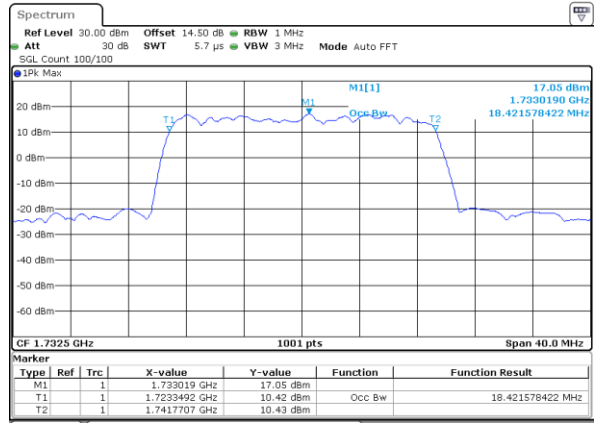
Date: 5 JUN 2018 09:38:08

Middle Channel / 20MHz / QPSK



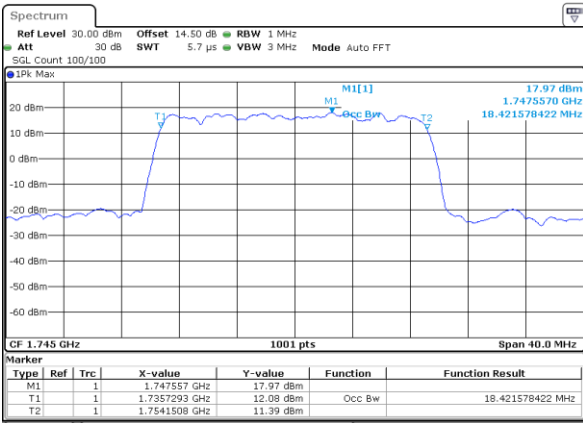
Date: 5 JUN 2018 09:45:05

Middle Channel / 20MHz / 16QAM



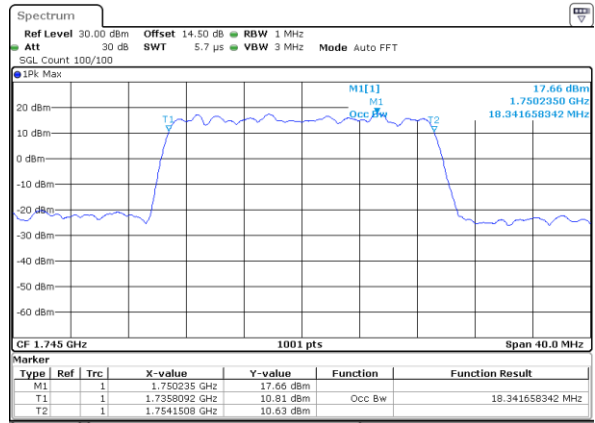
Date: 5 JUN 2018 09:45:15

Highest Channel / 20MHz / QPSK



Date: 5 JUN 2018 09:47:36

Highest Channel / 20MHz / 16QAM

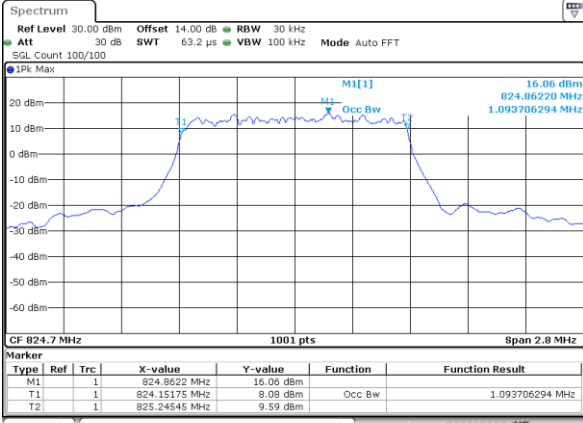


Date: 5 JUN 2018 09:47:46



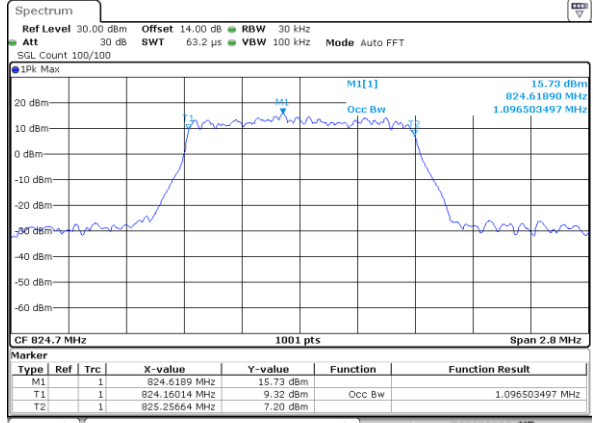
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



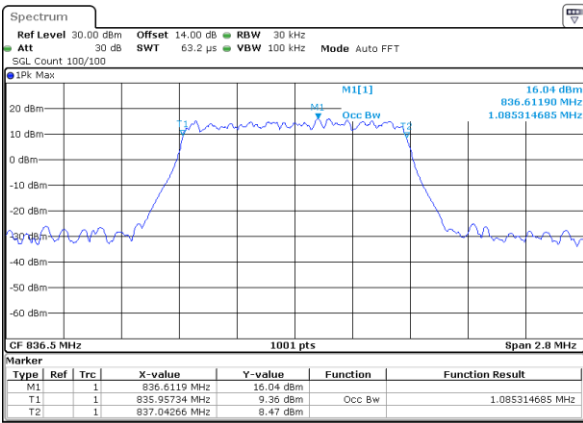
Date: 5 JUN 2018 04:25:139

Lowest Channel / 1.4MHz / 16QAM



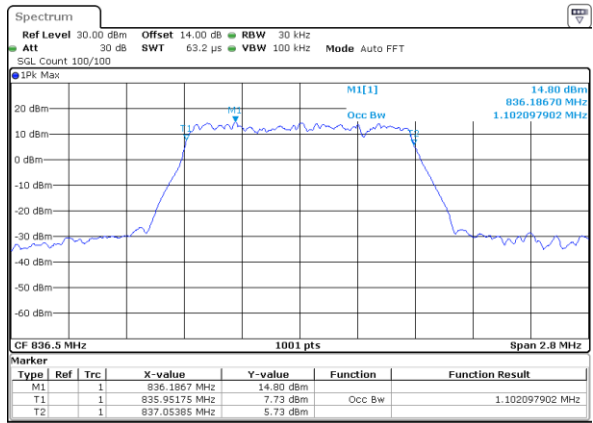
Date: 5 JUN 2018 04:25:50

Middle Channel / 1.4MHz / QPSK



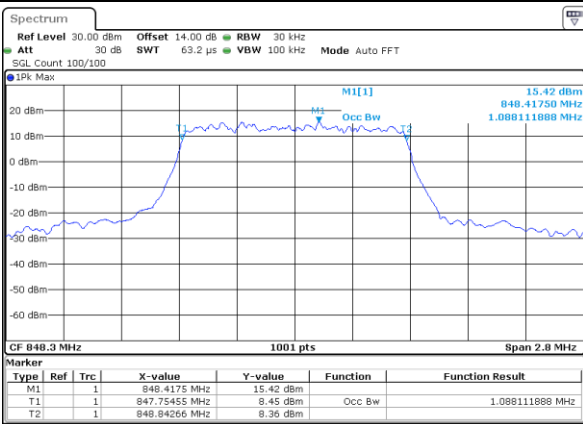
Date: 5 JUN 2018 04:34:47

Middle Channel / 1.4MHz / 16QAM



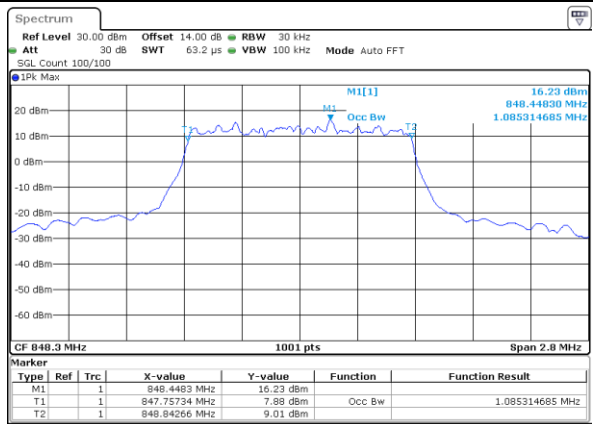
Date: 5 JUN 2018 04:34:57

Highest Channel / 1.4MHz / QPSK



Date: 5 JUN 2018 04:37:19

Highest Channel / 1.4MHz / 16QAM

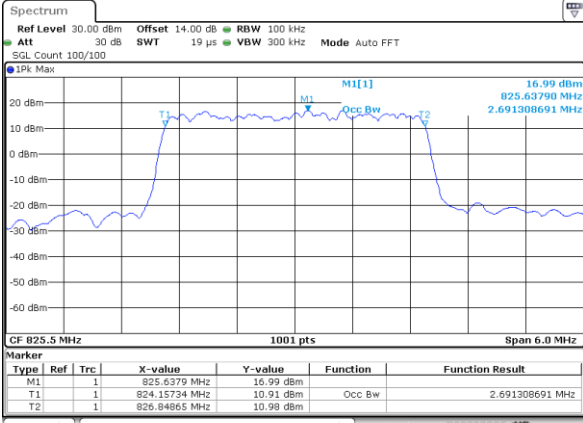


Date: 5 JUN 2018 04:37:29



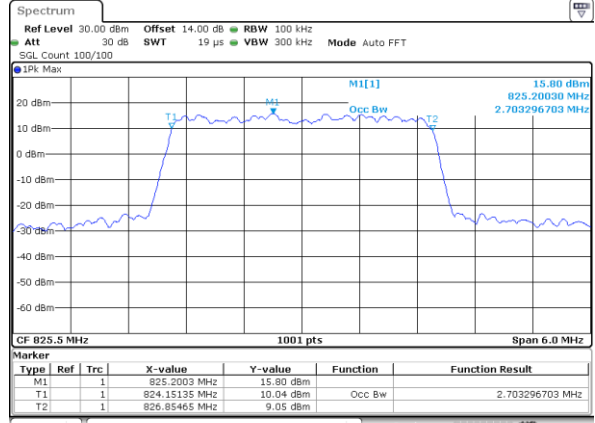
LTE Band 5

Lowest Channel / 3MHz / QPSK



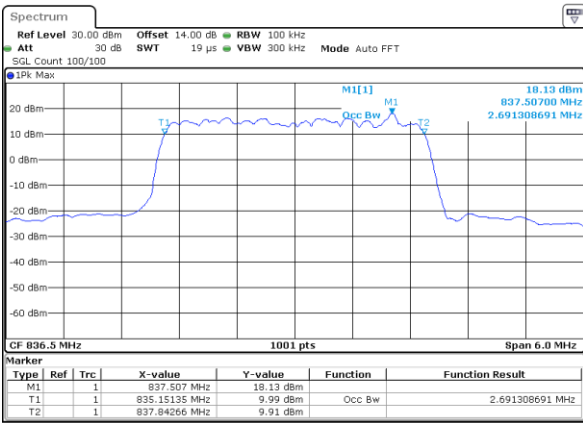
Date: 5 JUN 2018 04:46:26

Lowest Channel / 3MHz / 16QAM



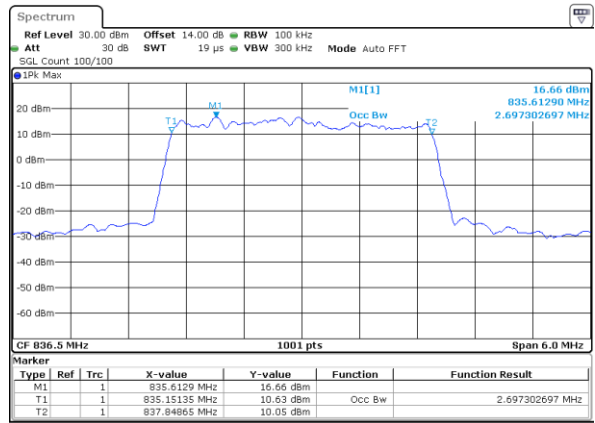
Date: 5 JUN 2018 04:46:36

Middle Channel / 3MHz / QPSK



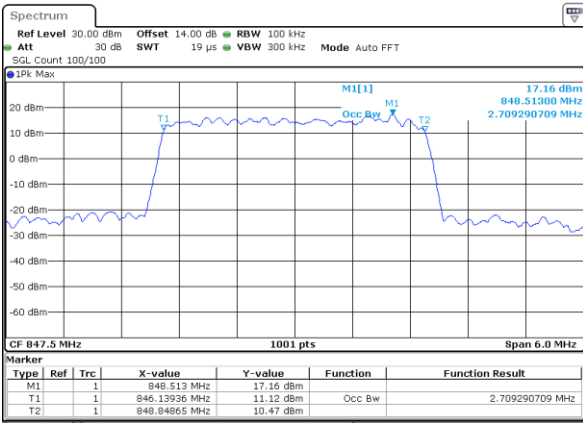
Date: 5 JUN 2018 04:55:34

Middle Channel / 3MHz / 16QAM



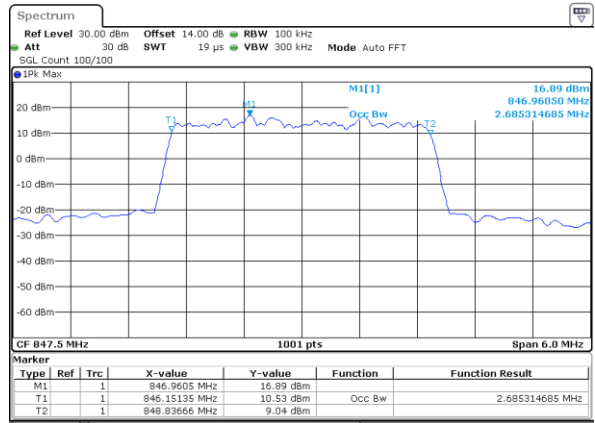
Date: 5 JUN 2018 04:55:44

Highest Channel / 3MHz / QPSK



Date: 5 JUN 2018 04:58:06

Highest Channel / 3MHz / 16QAM

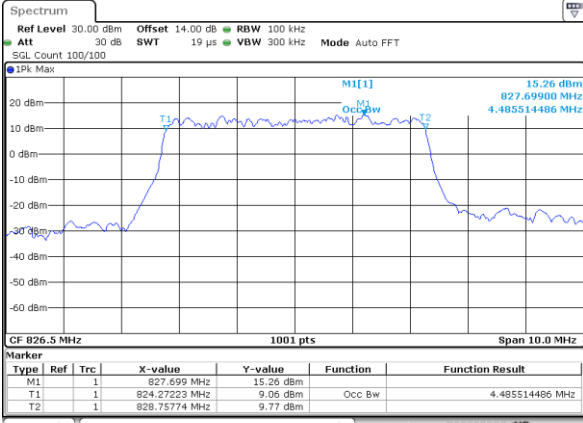


Date: 5 JUN 2018 04:58:16



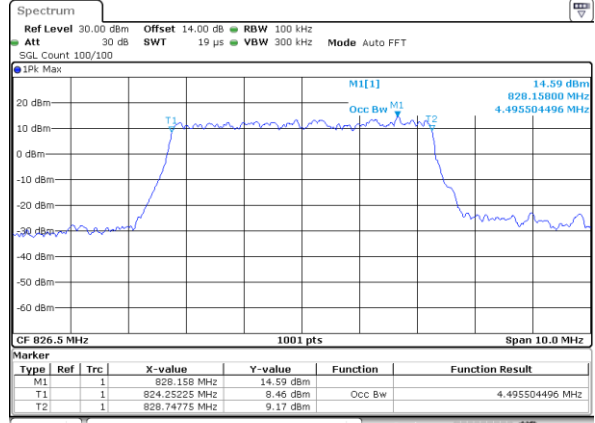
LTE Band 5

Lowest Channel / 5MHz / QPSK



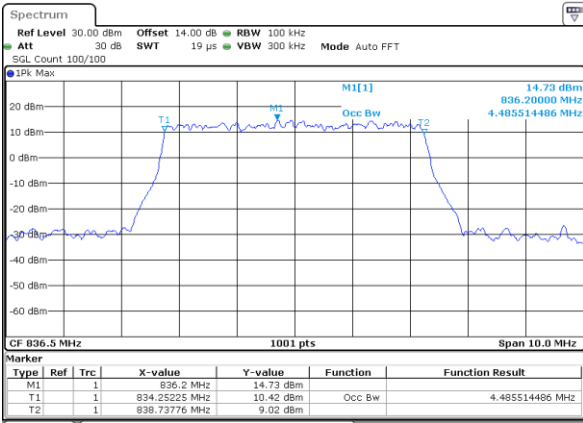
Date: 5 JUN 2018 05:07:13

Lowest Channel / 5MHz / 16QAM



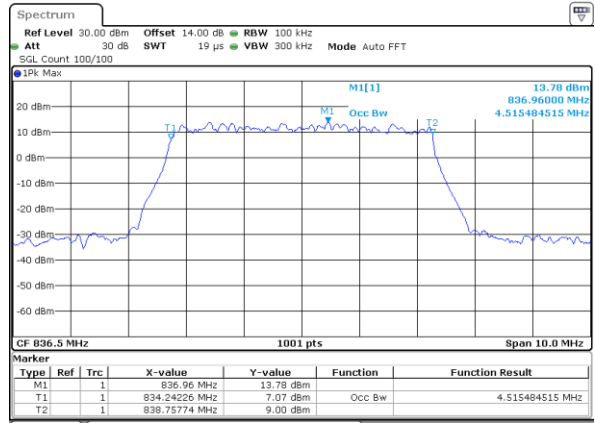
Date: 5 JUN 2018 05:07:23

Middle Channel / 5MHz / QPSK



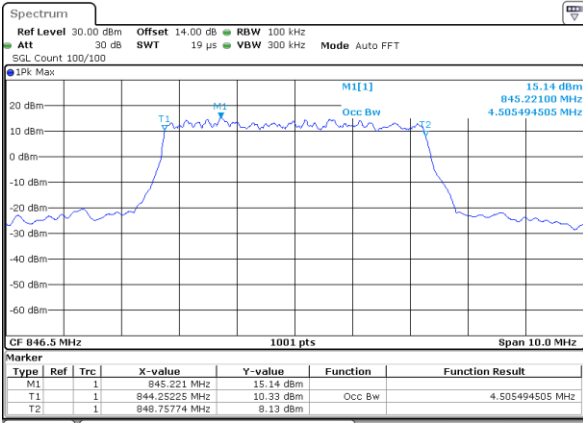
Date: 5 JUN 2018 05:16:21

Middle Channel / 5MHz / 16QAM



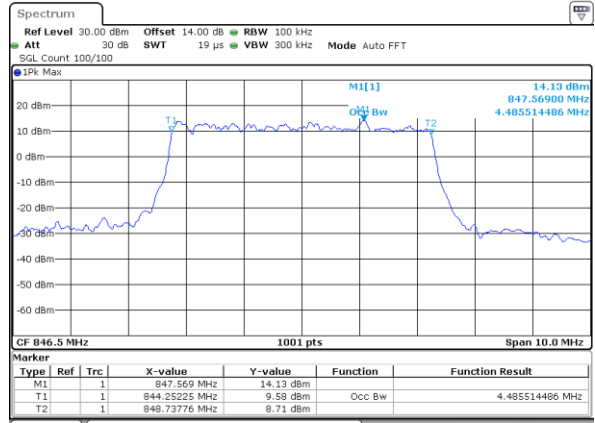
Date: 5 JUN 2018 05:16:31

Highest Channel / 5MHz / QPSK



Date: 5 JUN 2018 05:18:53

Highest Channel / 5MHz / 16QAM

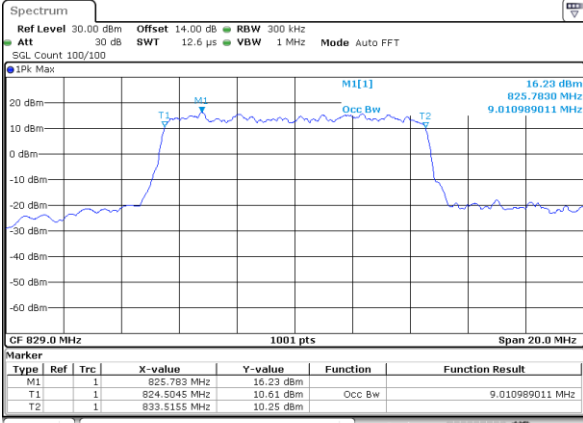


Date: 5 JUN 2018 05:19:03



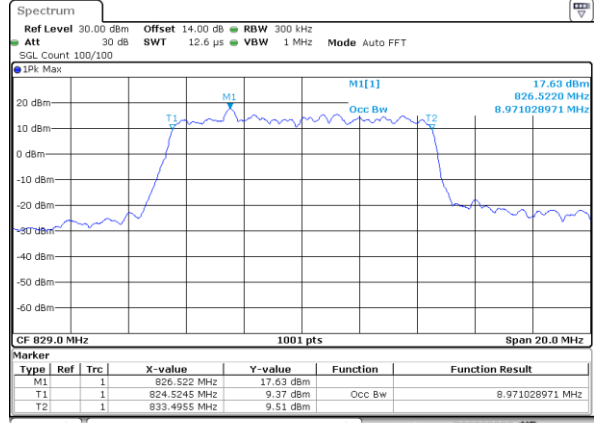
LTE Band 5

Lowest Channel / 10MHz / QPSK



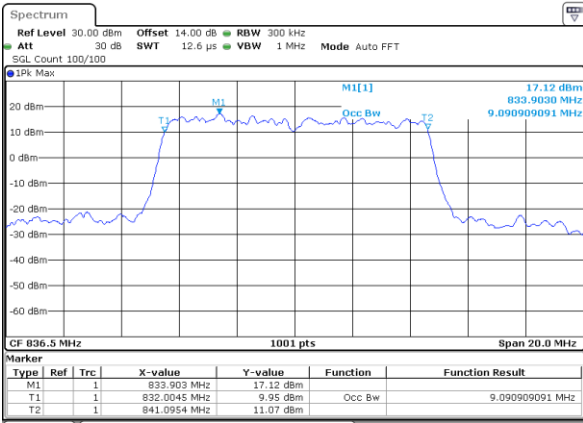
Date: 5 JUN 2018 05:28:00

Lowest Channel / 10MHz / 16QAM



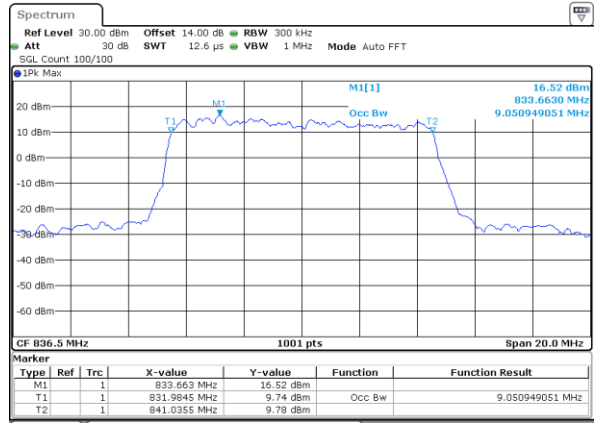
Date: 5 JUN 2018 05:28:11

Middle Channel / 10MHz / QPSK



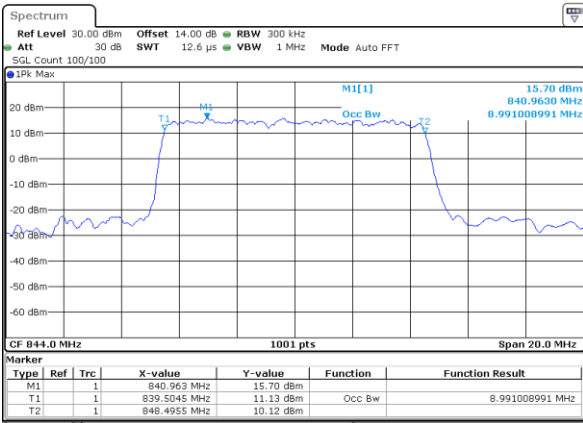
Date: 5 JUN 2018 05:37:08

Middle Channel / 10MHz / 16QAM



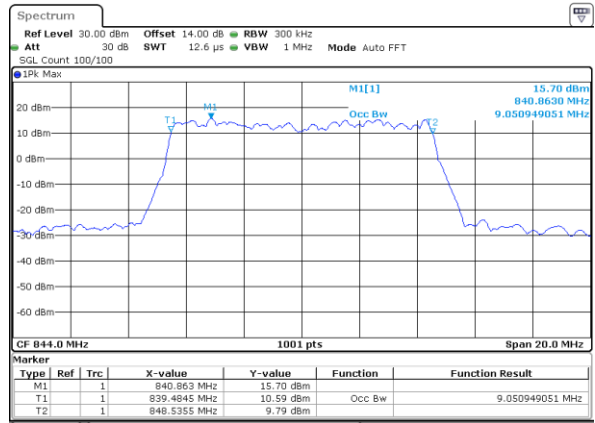
Date: 5 JUN 2018 05:37:18

Highest Channel / 10MHz / QPSK



Date: 5 JUN 2018 05:39:40

Highest Channel / 10MHz / 16QAM



Date: 5 JUN 2018 05:39:50