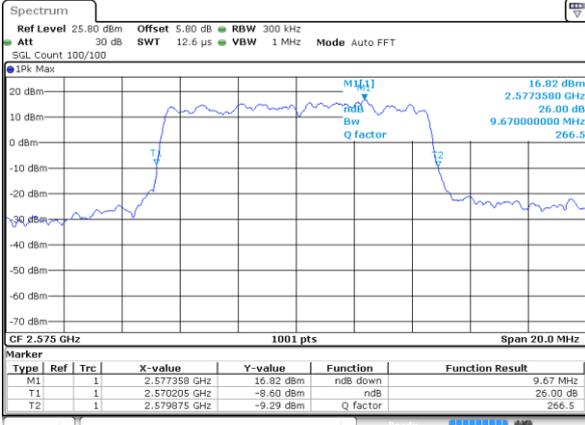




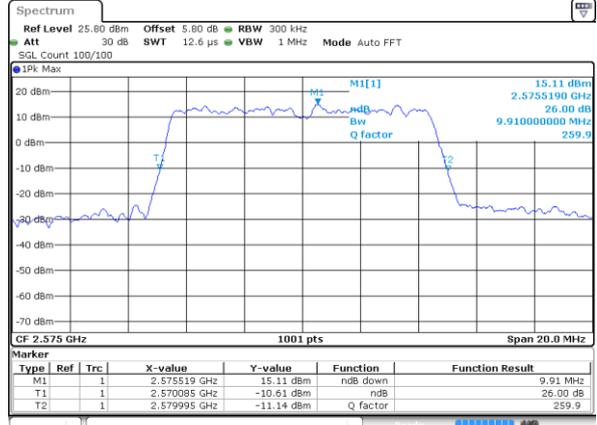
LTE Band 38

Lowest Channel / 10MHz / QPSK



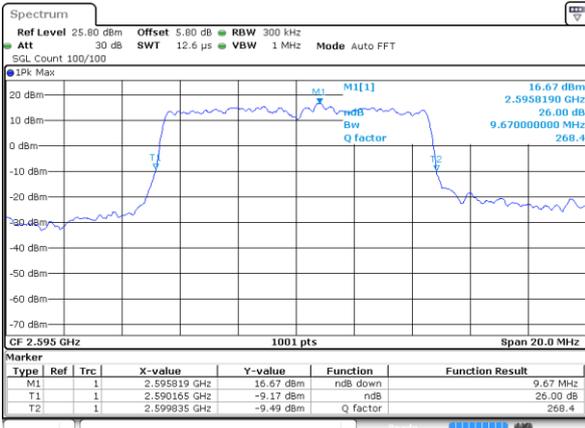
Date: 5 JUN 2017 09:59:56

Lowest Channel / 10MHz / 16QAM



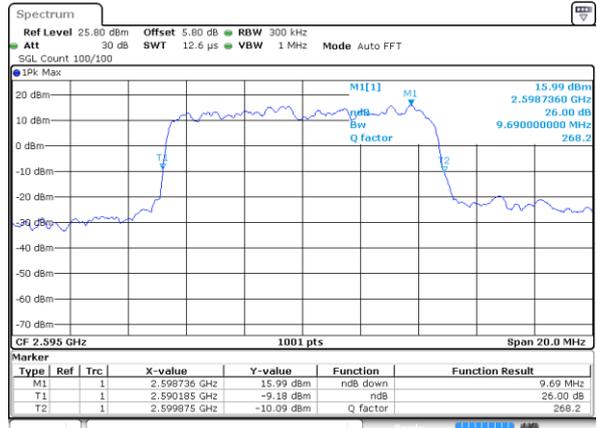
Date: 5 JUN 2017 09:59:23

Middle Channel / 10MHz / QPSK



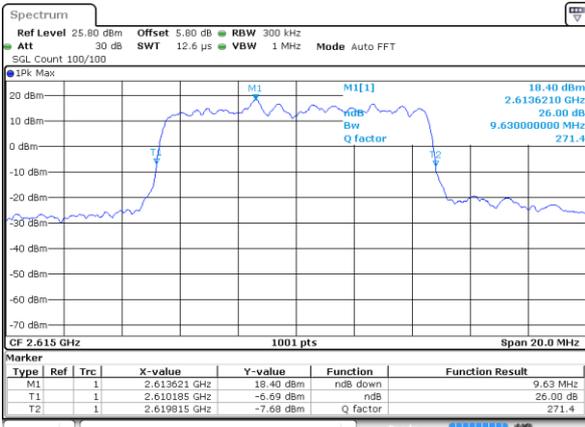
Date: 5 JUN 2017 10:00:32

Middle Channel / 10MHz / 16QAM



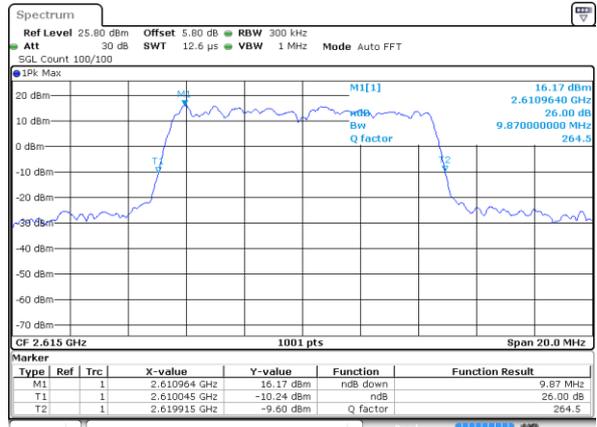
Date: 5 JUN 2017 10:01:29

Highest Channel / 10MHz / QPSK



Date: 5 JUN 2017 10:02:48

Highest Channel / 10MHz / 16QAM

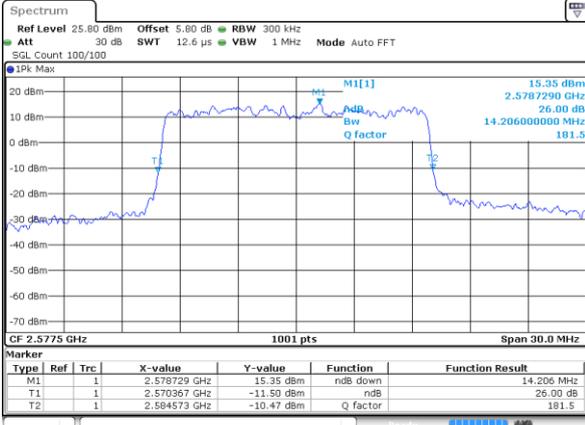


Date: 5 JUN 2017 10:02:07



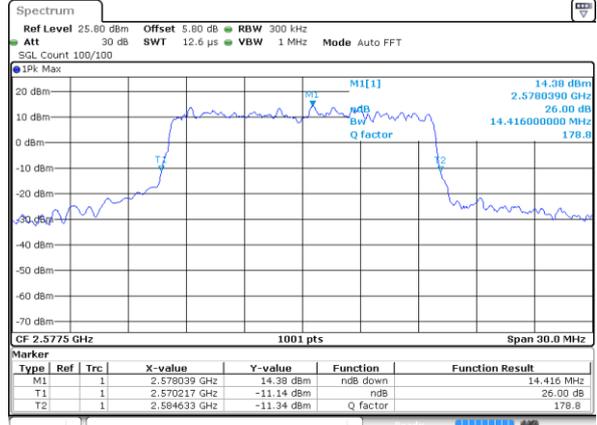
LTE Band 38

Lowest Channel / 15MHz / QPSK



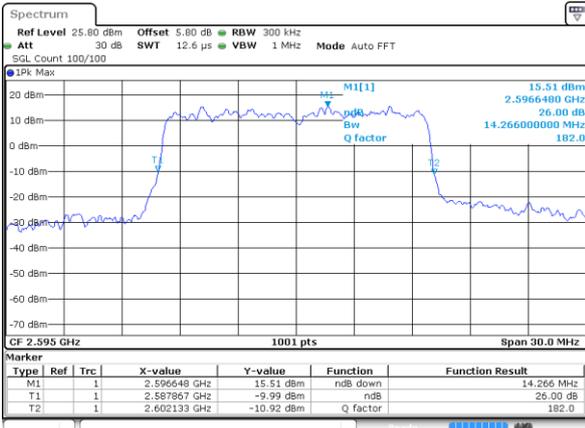
Date: 5 JUN 2017 10:06:06

Lowest Channel / 15MHz / 16QAM



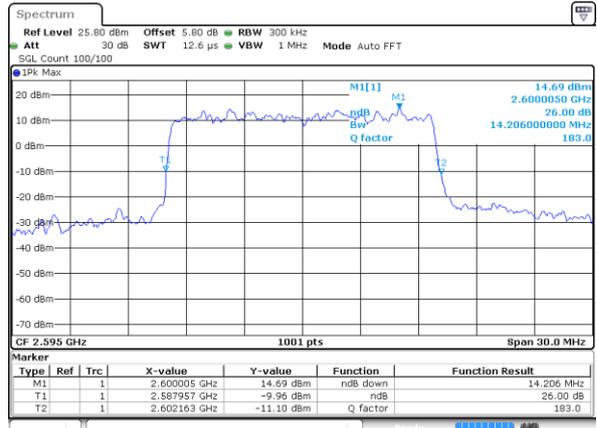
Date: 5 JUN 2017 10:07:14

Middle Channel / 15MHz / QPSK



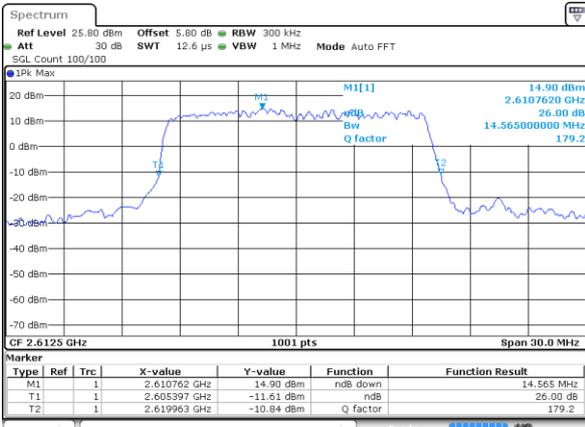
Date: 5 JUN 2017 10:08:38

Middle Channel / 15MHz / 16QAM



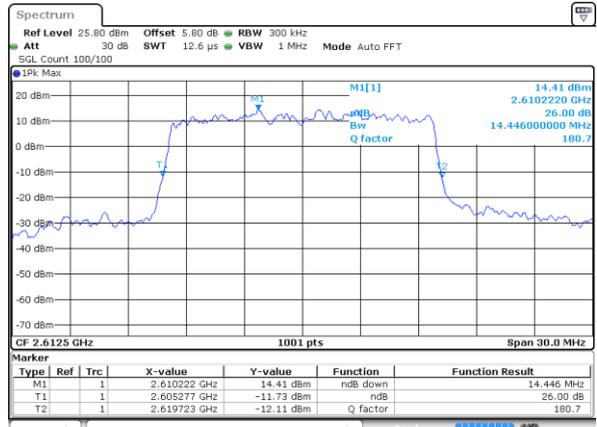
Date: 5 JUN 2017 10:07:52

Highest Channel / 15MHz / QPSK



Date: 5 JUN 2017 10:09:15

Highest Channel / 15MHz / 16QAM

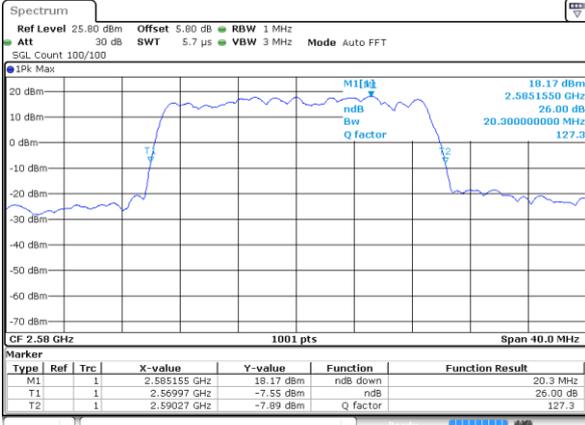


Date: 5 JUN 2017 10:09:51



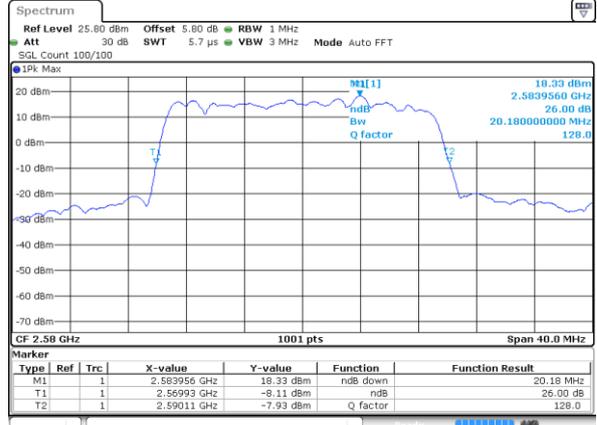
LTE Band 38

Lowest Channel / 20MHz / QPSK



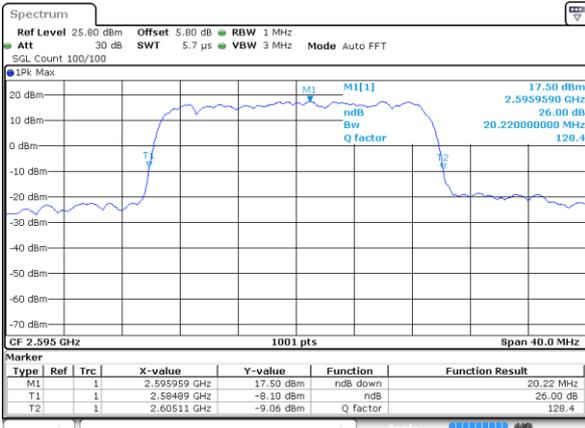
Date: 5 JUN 2017 10:12:21

Lowest Channel / 20MHz / 16QAM



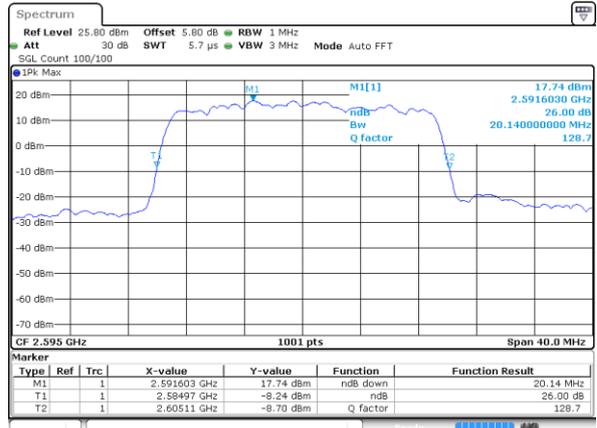
Date: 5 JUN 2017 10:11:24

Middle Channel / 20MHz / QPSK



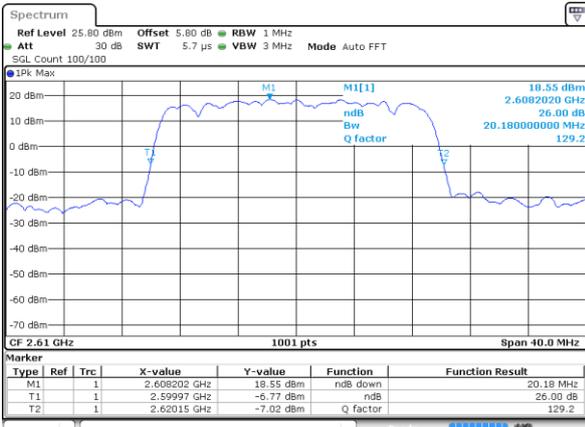
Date: 5 JUN 2017 10:12:55

Middle Channel / 20MHz / 16QAM



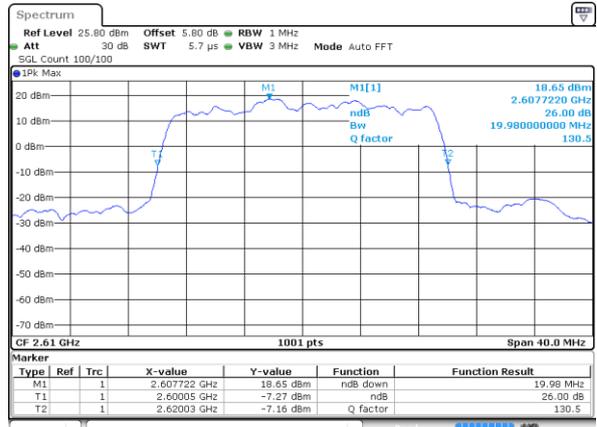
Date: 5 JUN 2017 10:13:38

Highest Channel / 20MHz / QPSK



Date: 5 JUN 2017 10:15:08

Highest Channel / 20MHz / 16QAM

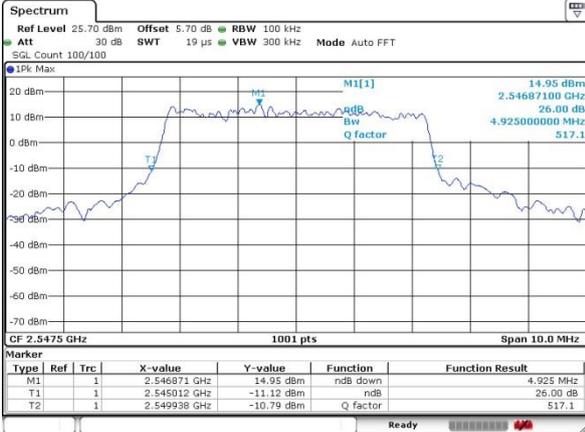


Date: 5 JUN 2017 10:14:14



LTE Band 41

Lowest Channel / 5MHz / QPSK



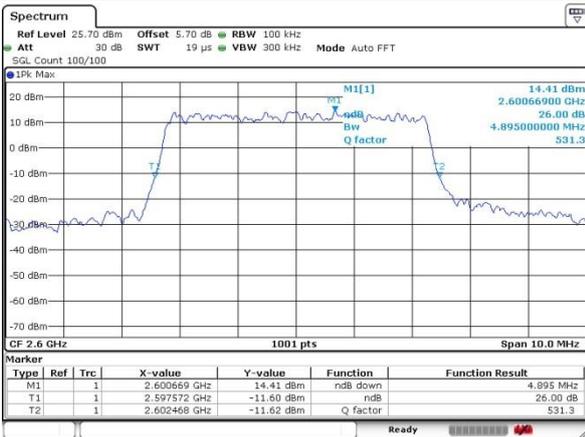
Date: 6 JUN 2017 11:01:54

Lowest Channel / 5MHz / 16QAM



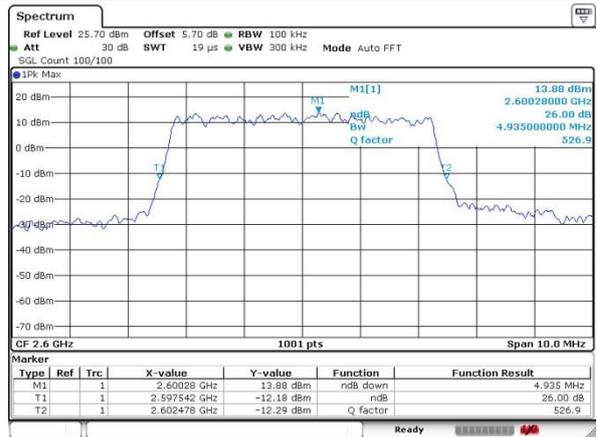
Date: 6 JUN 2017 11:03:13

Middle Channel / 5MHz / QPSK



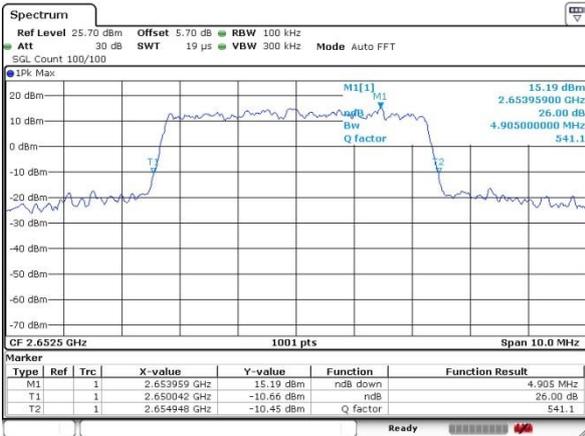
Date: 6 JUN 2017 11:04:18

Middle Channel / 5MHz / 16QAM



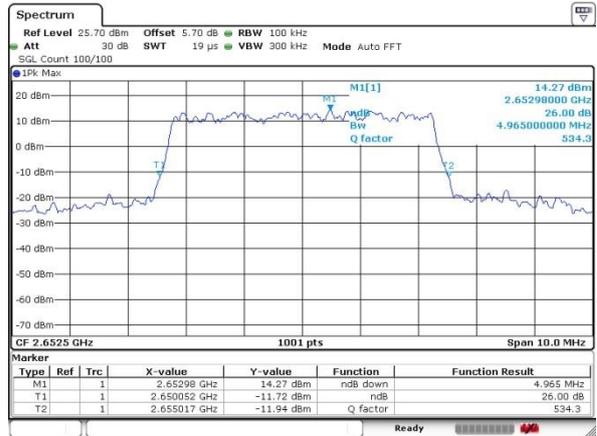
Date: 6 JUN 2017 11:03:51

Highest Channel / 5MHz / QPSK



Date: 6 JUN 2017 11:05:09

Highest Channel / 5MHz / 16QAM

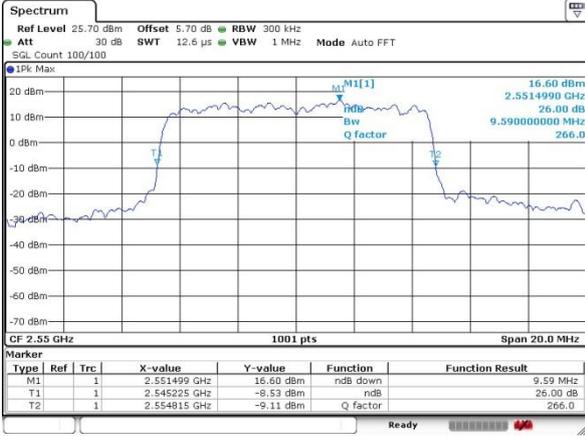


Date: 6 JUN 2017 11:05:36



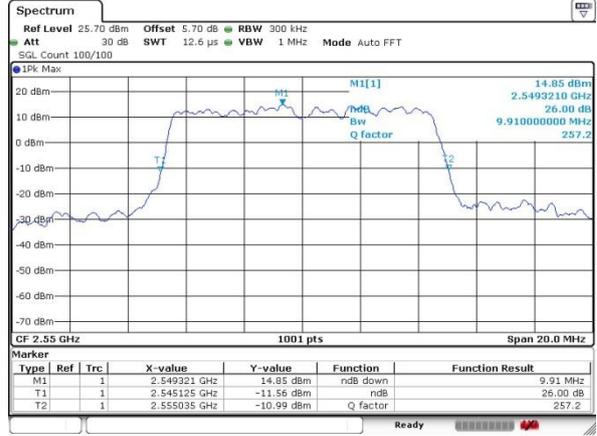
LTE Band 41

Lowest Channel / 10MHz / QPSK



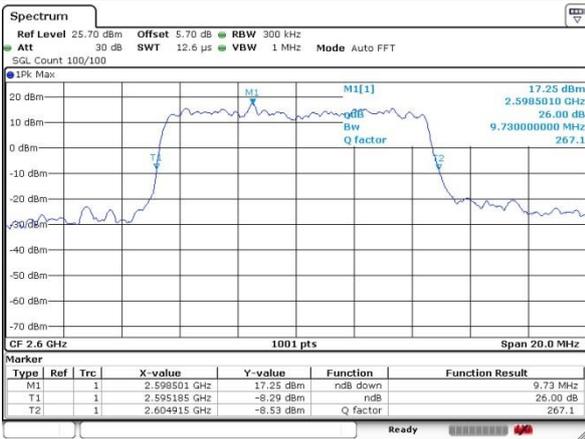
Date: 6 JUN 2017 11:56:21

Lowest Channel / 10MHz / 16QAM



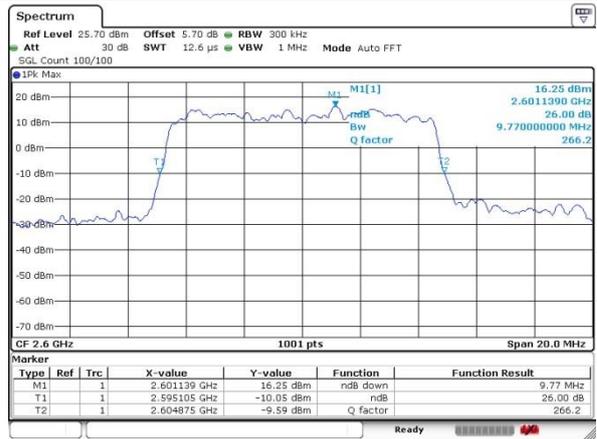
Date: 6 JUN 2017 11:56:48

Middle Channel / 10MHz / QPSK



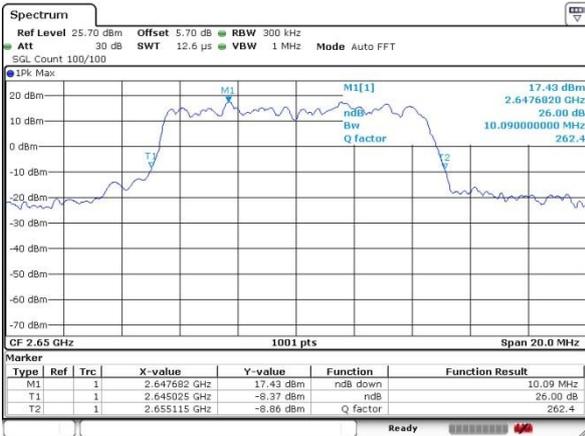
Date: 6 JUN 2017 11:59:00

Middle Channel / 10MHz / 16QAM



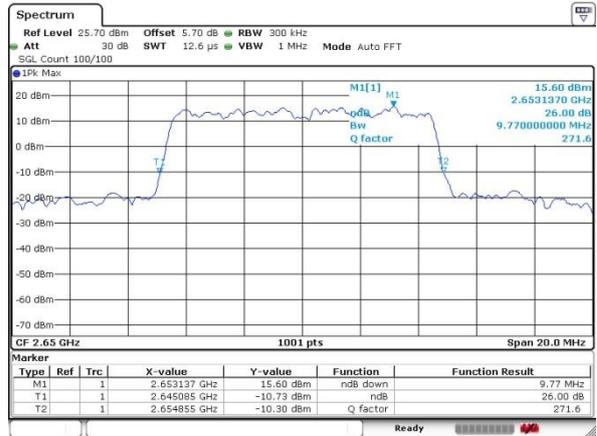
Date: 6 JUN 2017 11:58:35

Highest Channel / 10MHz / QPSK



Date: 6 JUN 2017 11:59:54

Highest Channel / 10MHz / 16QAM

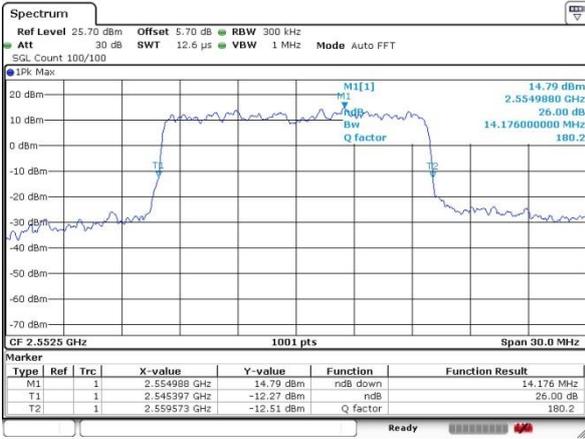


Date: 6 JUN 2017 12:00:20



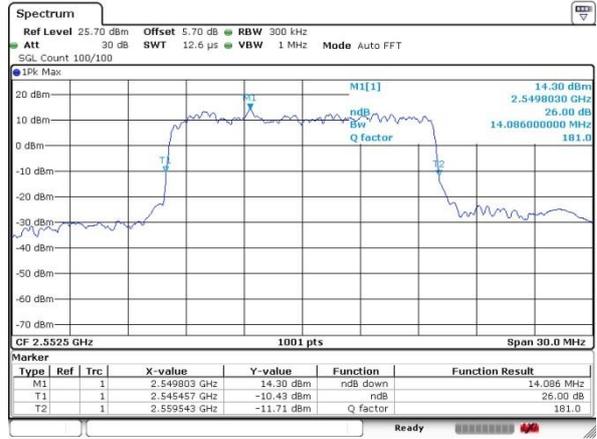
LTE Band 41

Lowest Channel / 15MHz / QPSK



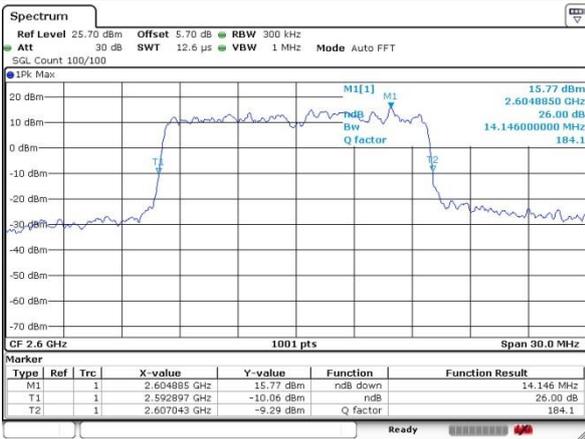
Date: 6 JUN 2017 14:56:51

Lowest Channel / 15MHz / 16QAM



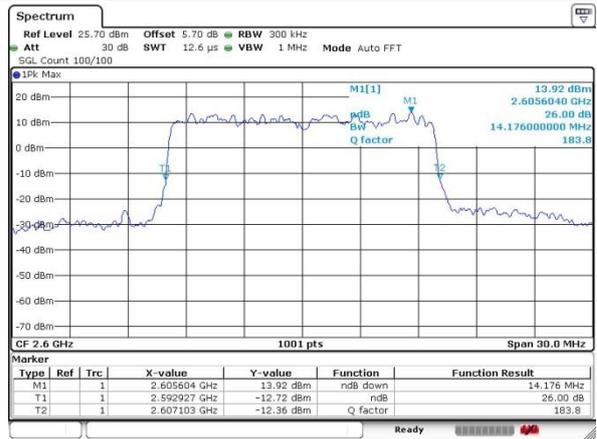
Date: 6 JUN 2017 14:57:22

Middle Channel / 15MHz / QPSK



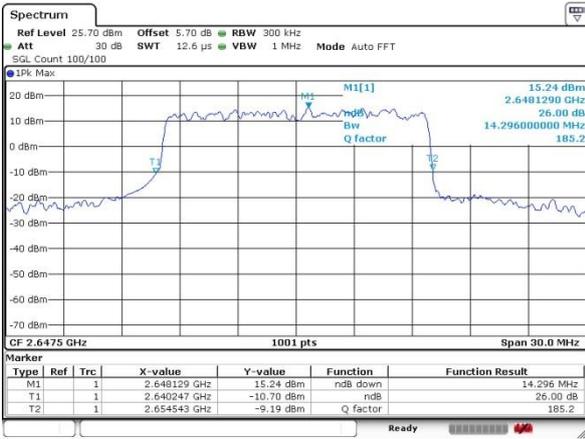
Date: 6 JUN 2017 14:59:58

Middle Channel / 15MHz / 16QAM



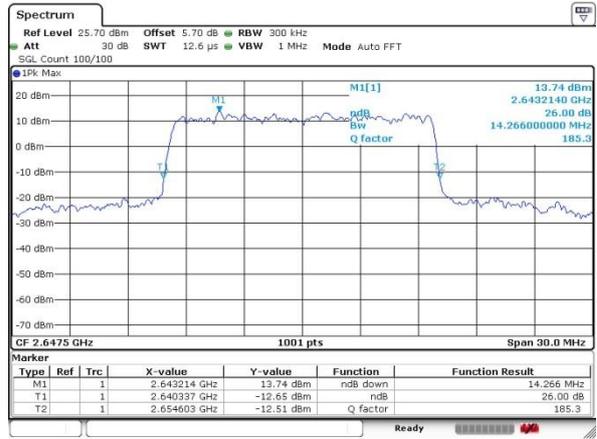
Date: 6 JUN 2017 14:58:23

Highest Channel / 15MHz / QPSK



Date: 6 JUN 2017 15:01:11

Highest Channel / 15MHz / 16QAM

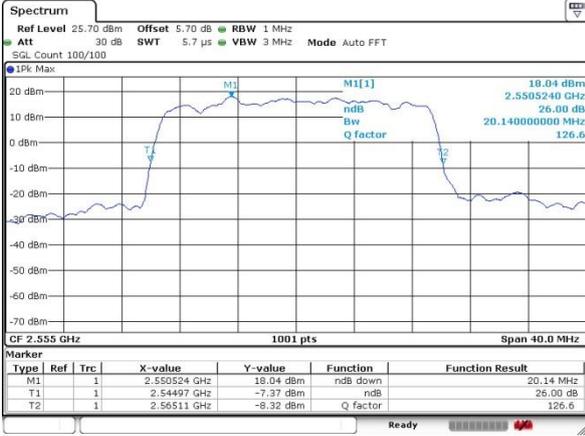


Date: 6 JUN 2017 15:01:38



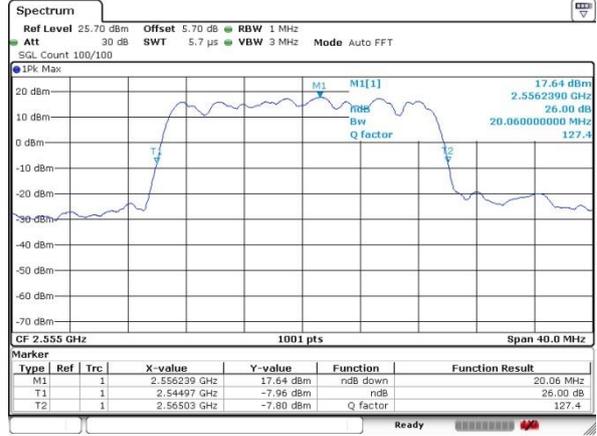
LTE Band 41

Lowest Channel / 20MHz / QPSK



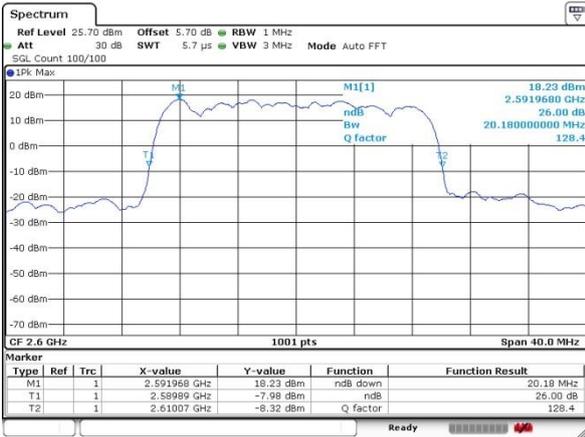
Date: 6 JUN 2017 16:20:58

Lowest Channel / 20MHz / 16QAM



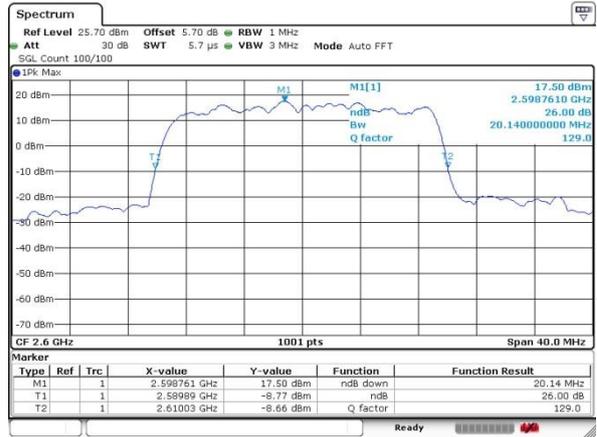
Date: 6 JUN 2017 16:21:27

Middle Channel / 20MHz / QPSK



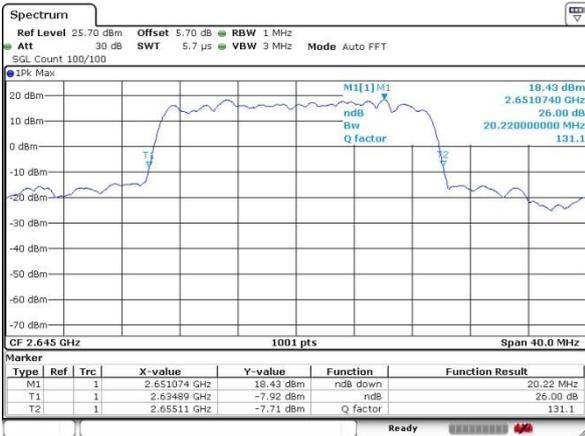
Date: 6 JUN 2017 16:22:17

Middle Channel / 20MHz / 16QAM



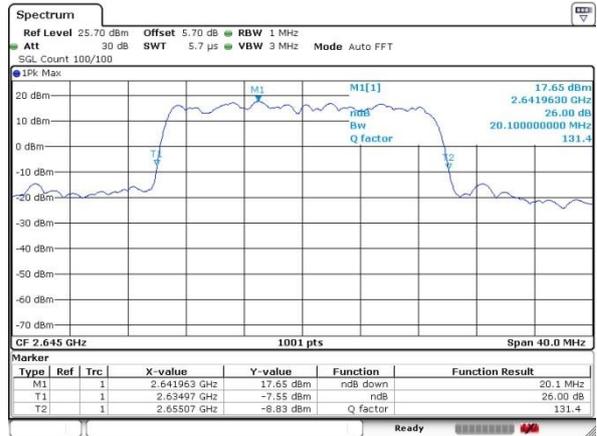
Date: 6 JUN 2017 16:21:56

Highest Channel / 20MHz / QPSK



Date: 6 JUN 2017 16:23:02

Highest Channel / 20MHz / 16QAM



Date: 6 JUN 2017 16:23:25



### 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	1.09	1.09	2.73	2.71	4.50	4.51	9.03	9.01	13.43	13.46	18.14	18.22
Middle CH	1.09	1.09	2.71	2.71	4.53	4.48	9.05	8.99	13.37	13.37	18.22	18.30
Highest CH	1.09	1.09	2.71	2.72	4.49	4.49	9.05	8.97	13.43	13.46	18.26	18.38

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	1.10	2.71	2.73	4.48	4.49	8.97	9.07	13.37	13.43	18.38	18.10
Middle CH	1.09	1.10	2.71	2.75	4.49	4.50	8.99	8.99	13.46	13.46	18.26	18.30
Highest CH	1.09	1.10	2.71	2.71	4.48	4.50	9.03	9.01	13.46	13.43	18.22	18.26

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	1.10	1.09	2.71	2.71	4.50	4.50	9.09	9.05	-	-	-	-
Middle CH	1.09	1.10	2.70	2.72	4.50	4.48	8.97	9.01	-	-	-	-
Highest CH	1.09	1.10	2.72	2.72	4.50	4.47	9.03	9.01	-	-	-	-

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	-	-	-	-	4.48	4.49	9.09	8.93	13.40	13.40	18.26	18.30
Middle CH	-	-	-	-	4.48	4.51	9.01	8.99	13.40	13.40	18.26	18.26
Highest CH	-	-	-	-	4.48	4.47	8.95	8.95	13.37	13.43	18.22	18.46

Mode	LTE Band 12 : 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	2.72	2.72	4.48	4.48	9.03	9.03	-	-	-	-
Middle CH	1.09	1.08	2.71	2.72	4.48	4.48	8.93	8.95	-	-	-	-
Highest CH	1.09	1.10	2.70	2.72	4.49	4.49	8.97	8.97	-	-	-	-



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	-	-	-	-	4.48	4.47	8.93	8.95	-	-	-	-
Middle CH	-	-	-	-	4.50	4.50	8.99	9.01	-	-	-	-
Highest CH	-	-	-	-	4.48	4.50	9.07	8.97	-	-	-	-

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	QPSK	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.50	4.49	9.01	9.01	13.31	13.43	13.34	13.37
Middle CH	1.08	1.10	2.71	2.74	4.48	4.48	8.91	8.89	13.40	13.37	-	-
Highest CH	1.10	1.09	2.70	2.73	4.46	4.50	9.05	8.99	13.46	13.40	-	-

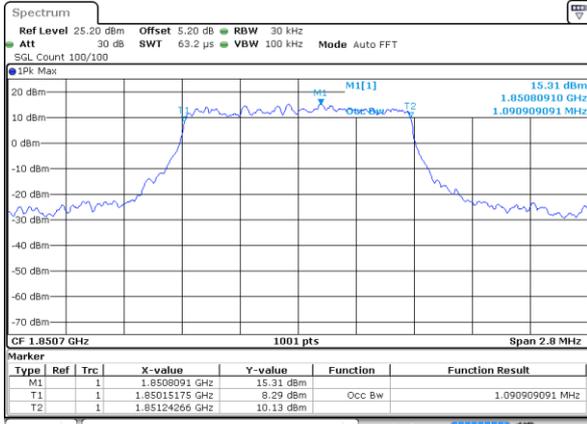
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.50	9.03	8.99	13.40	13.40	18.22	18.46
Middle CH	-	-	-	-	4.49	4.49	8.93	9.03	13.40	13.40	18.30	18.30
Highest CH	-	-	-	-	4.51	4.51	9.05	9.05	13.37	13.49	18.34	18.26

Mode	LTE Band 41 : 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	4.48	9.07	9.01	13.43	13.40	18.34	18.30
Middle CH					4.49	4.48	8.97	8.93	13.43	13.40	18.26	18.38
Highest CH					4.48	4.48	9.05	9.01	13.40	13.46	18.42	18.18



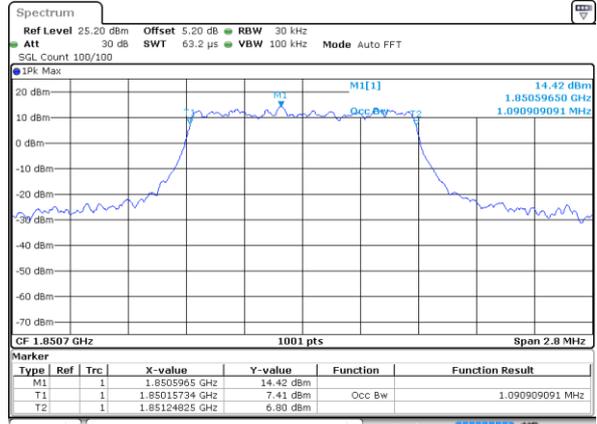
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



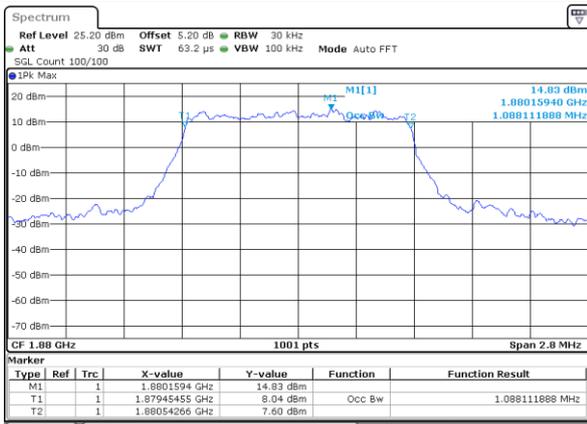
Date: 1 JUN 2017 15:48:13

Lowest Channel / 1.4MHz / 16QAM



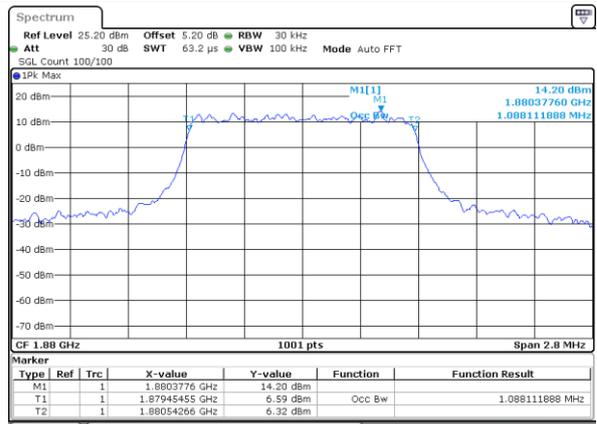
Date: 1 JUN 2017 15:48:23

Middle Channel / 1.4MHz / QPSK



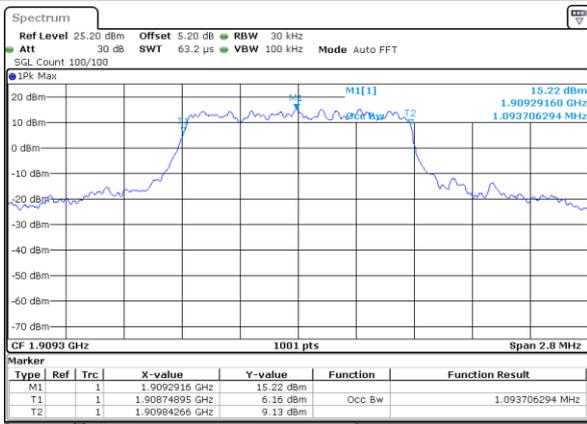
Date: 1 JUN 2017 15:55:13

Middle Channel / 1.4MHz / 16QAM



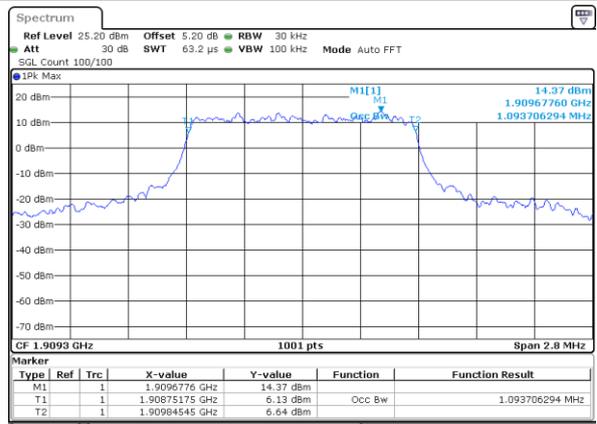
Date: 1 JUN 2017 15:55:23

Highest Channel / 1.4MHz / QPSK



Date: 1 JUN 2017 15:57:43

Highest Channel / 1.4MHz / 16QAM

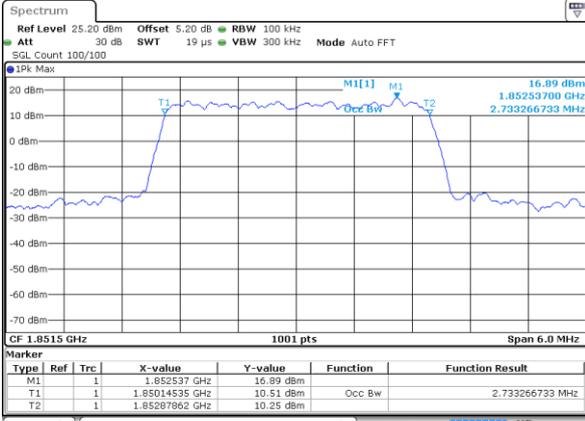


Date: 1 JUN 2017 15:57:53



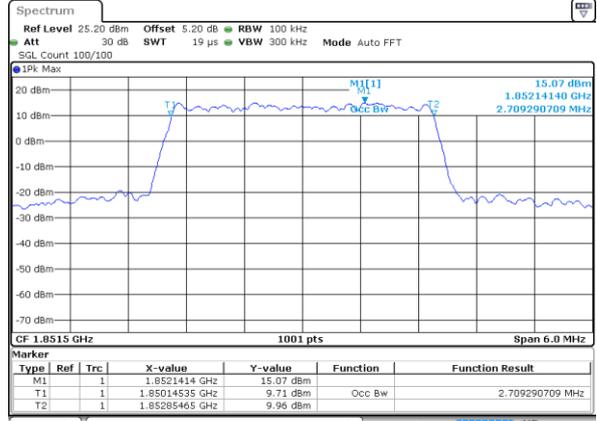
LTE Band 2

Lowest Channel / 3MHz / QPSK



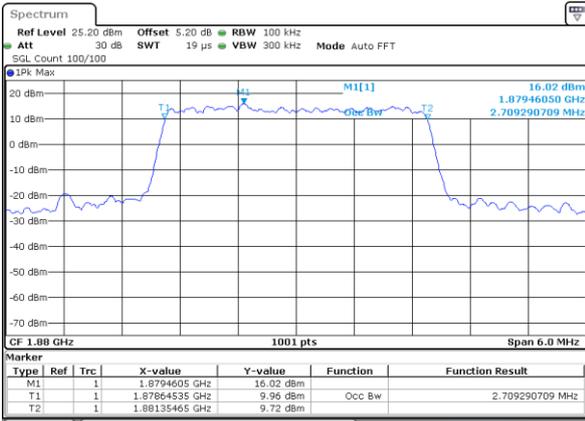
Date: 1 JUN 2017 17:51:06

Lowest Channel / 3MHz / 16QAM



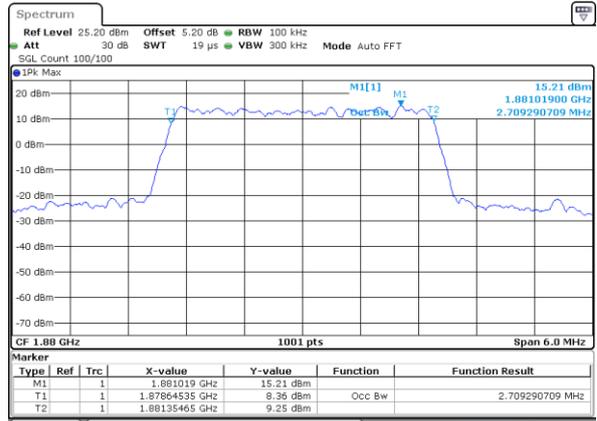
Date: 1 JUN 2017 16:04:52

Middle Channel / 3MHz / QPSK



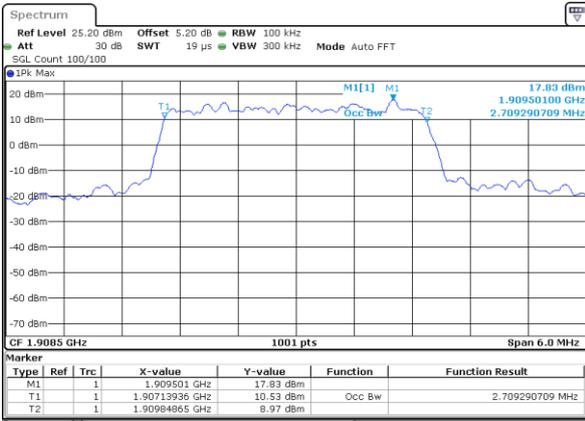
Date: 1 JUN 2017 16:11:42

Middle Channel / 3MHz / 16QAM



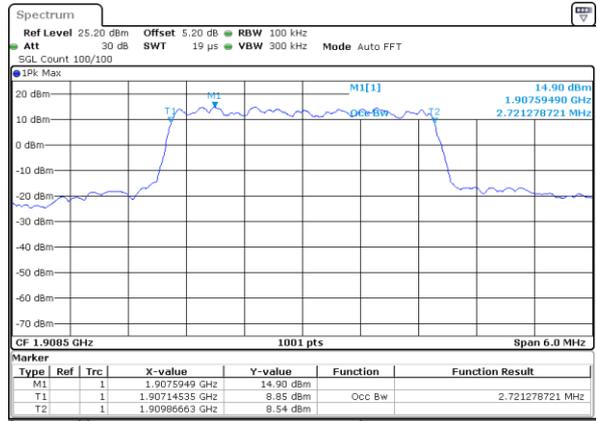
Date: 1 JUN 2017 16:11:52

Highest Channel / 3MHz / QPSK



Date: 1 JUN 2017 16:14:11

Highest Channel / 3MHz / 16QAM

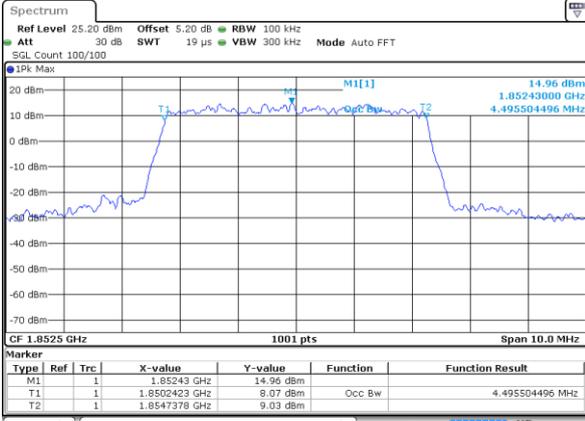


Date: 1 JUN 2017 16:14:21



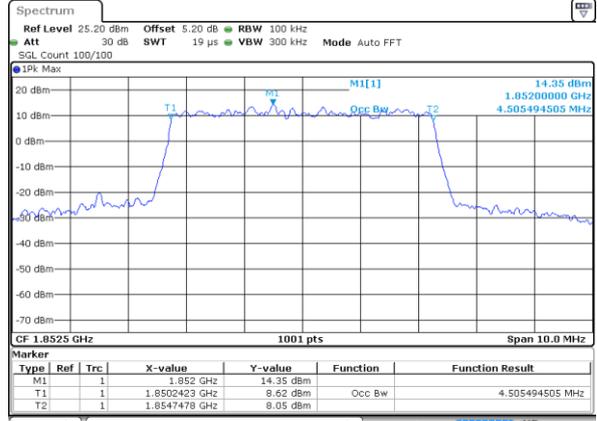
LTE Band 2

Lowest Channel / 5MHz / QPSK



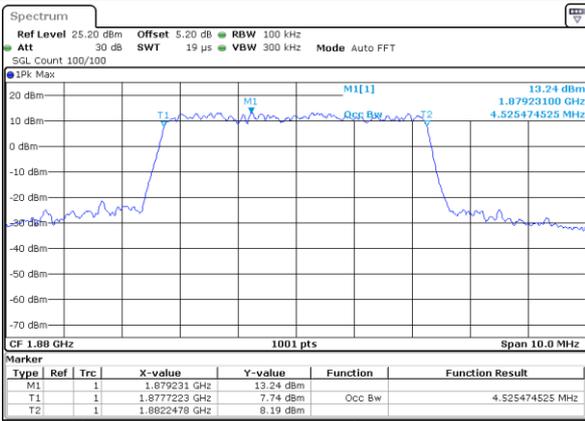
Date: 1 JUN 2017 16:21:11

Lowest Channel / 5MHz / 16QAM



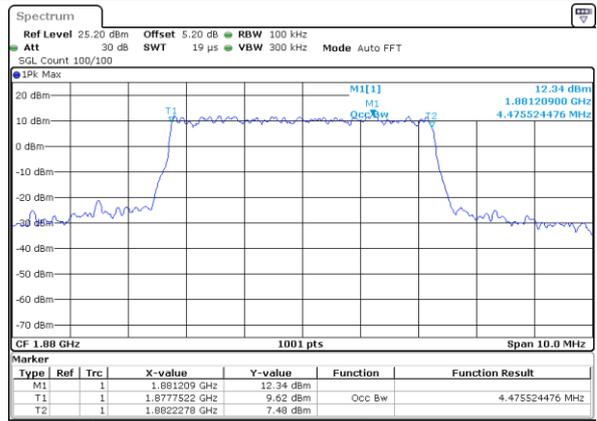
Date: 1 JUN 2017 16:21:21

Middle Channel / 5MHz / QPSK



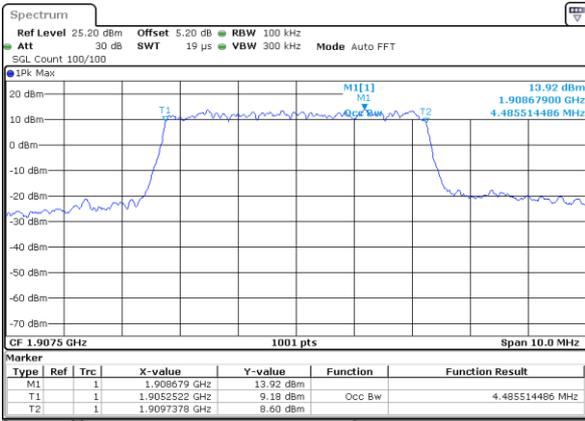
Date: 1 JUN 2017 16:28:11

Middle Channel / 5MHz / 16QAM



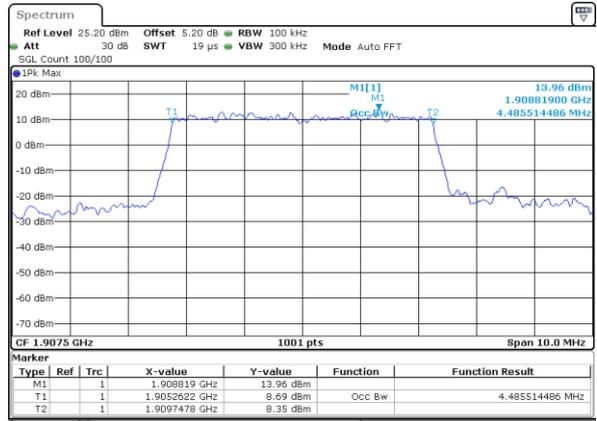
Date: 1 JUN 2017 16:28:21

Highest Channel / 5MHz / QPSK



Date: 1 JUN 2017 16:30:40

Highest Channel / 5MHz / 16QAM

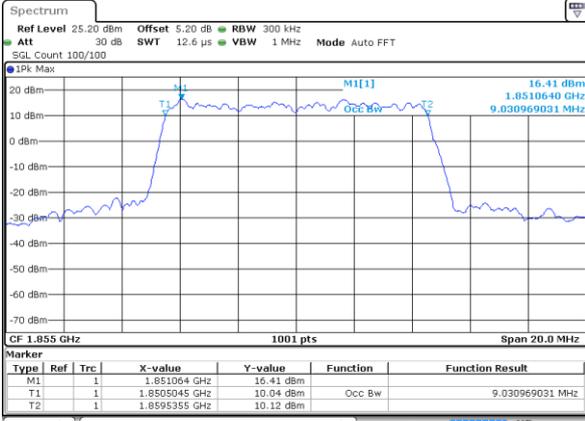


Date: 1 JUN 2017 16:30:50



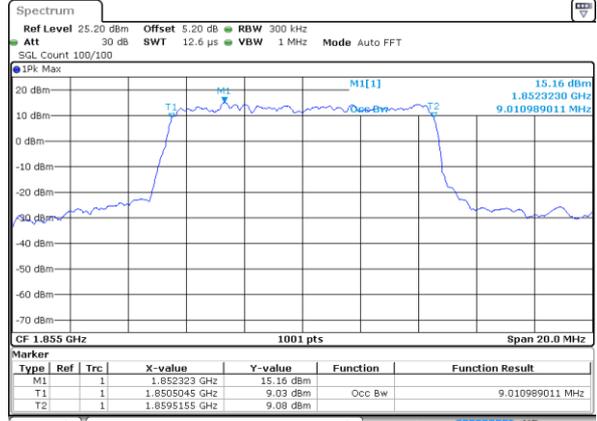
LTE Band 2

Lowest Channel / 10MHz / QPSK



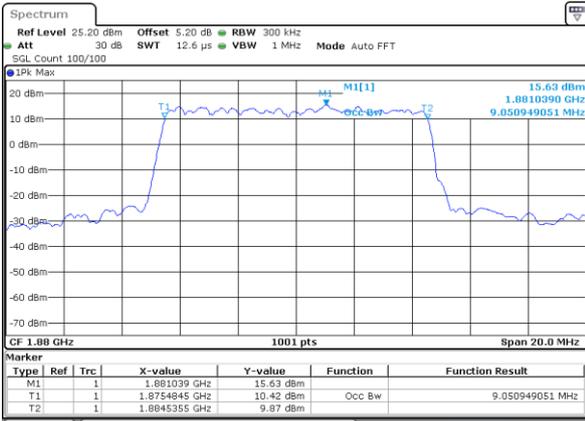
Date: 1 JUN 2017 16:37:40

Lowest Channel / 10MHz / 16QAM



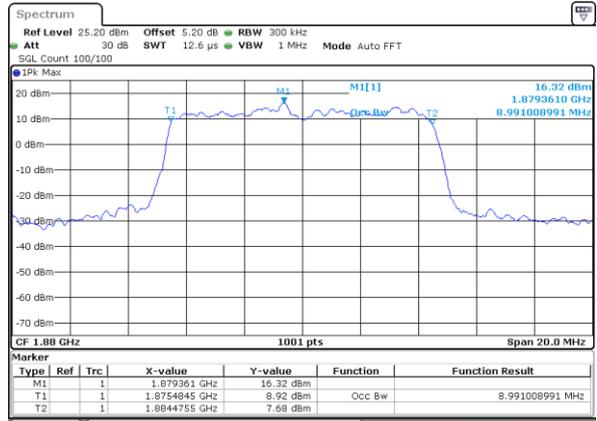
Date: 1 JUN 2017 16:37:50

Middle Channel / 10MHz / QPSK



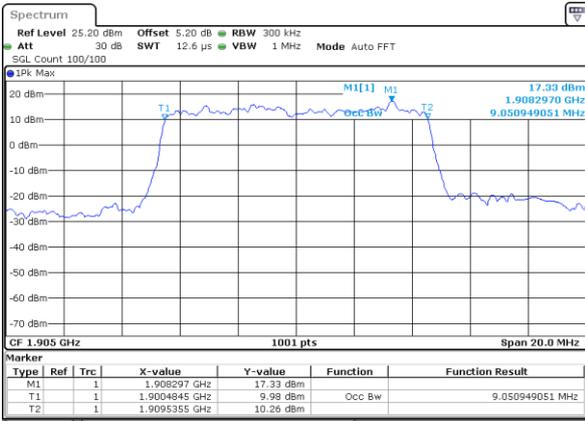
Date: 1 JUN 2017 16:44:39

Middle Channel / 10MHz / 16QAM



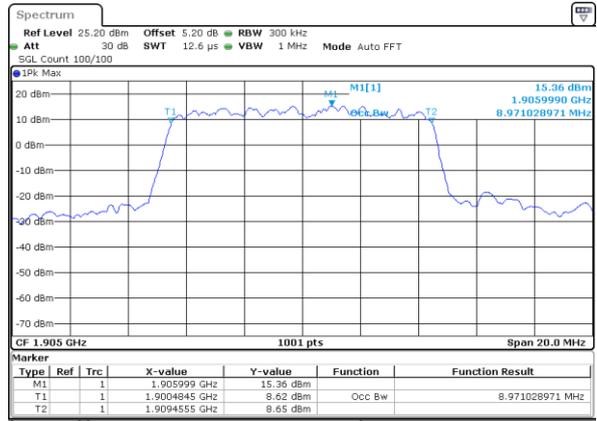
Date: 1 JUN 2017 16:44:49

Highest Channel / 10MHz / QPSK



Date: 1 JUN 2017 16:47:09

Highest Channel / 10MHz / 16QAM

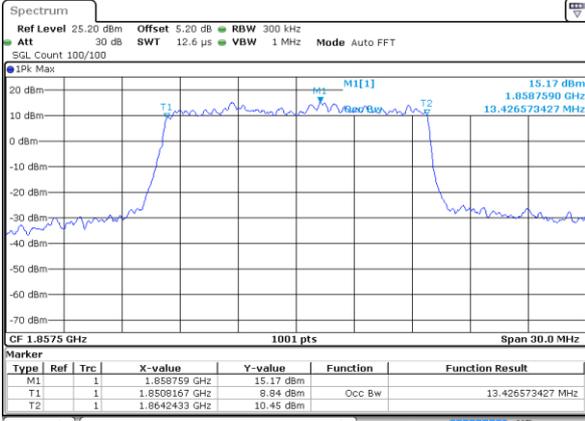


Date: 1 JUN 2017 16:47:19



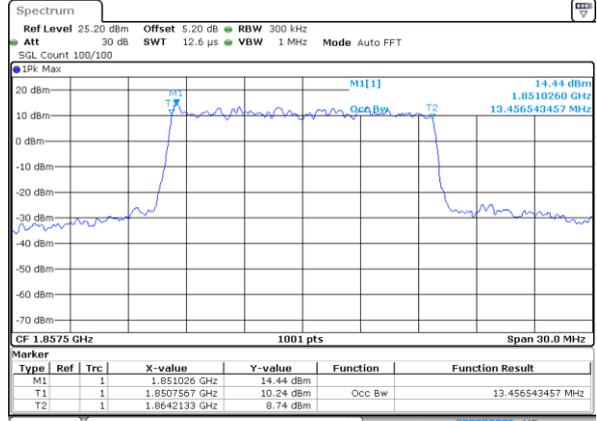
LTE Band 2

Lowest Channel / 15MHz / QPSK



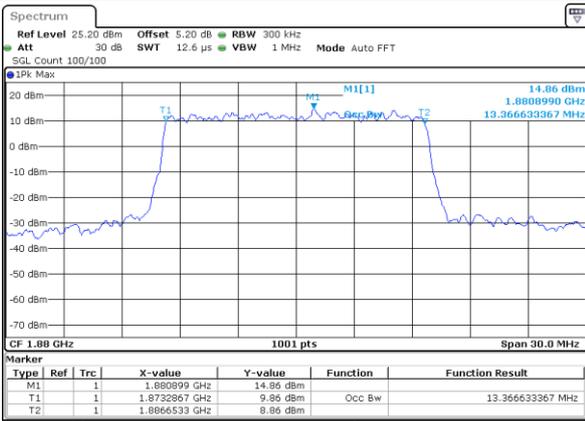
Date: 1 JUN 2017 16:54:09

Lowest Channel / 15MHz / 16QAM



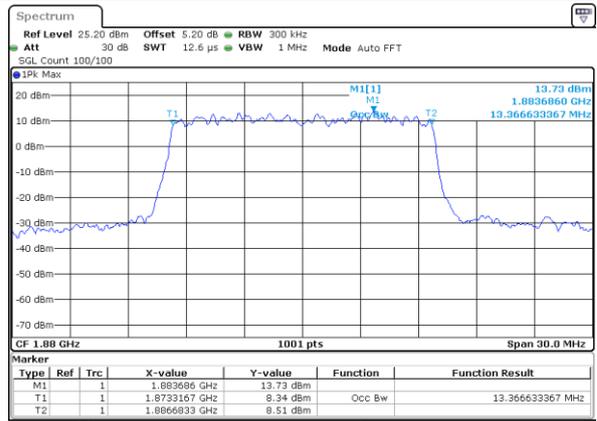
Date: 1 JUN 2017 16:54:19

Middle Channel / 15MHz / QPSK



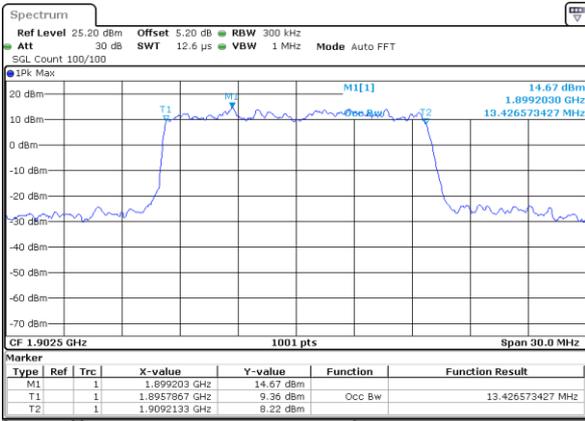
Date: 1 JUN 2017 17:01:08

Middle Channel / 15MHz / 16QAM



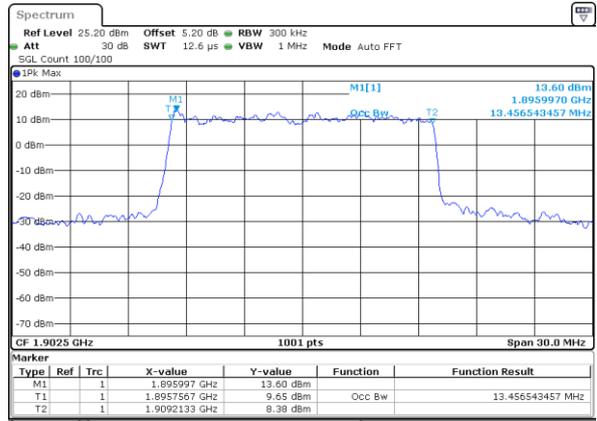
Date: 1 JUN 2017 17:01:18

Highest Channel / 15MHz / QPSK



Date: 1 JUN 2017 17:03:38

Highest Channel / 15MHz / 16QAM

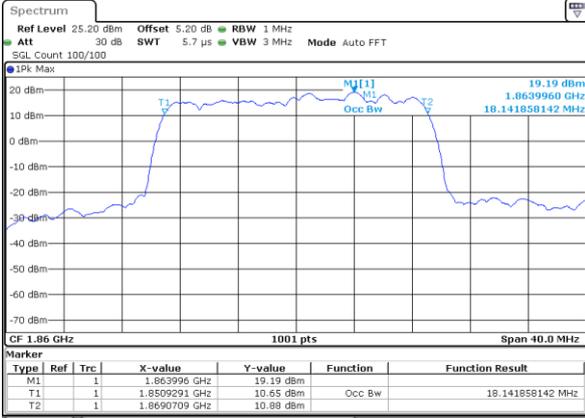


Date: 1 JUN 2017 17:03:48



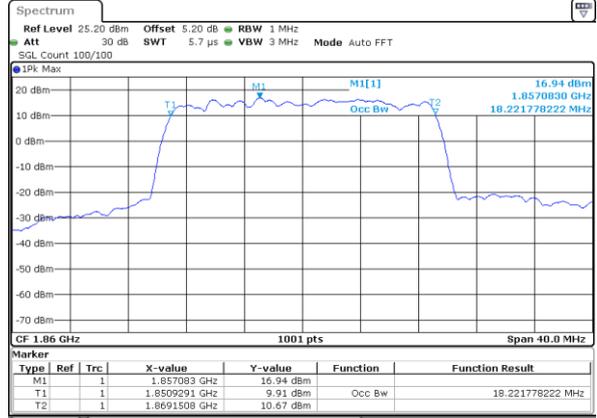
LTE Band 2

Lowest Channel / 20MHz / QPSK



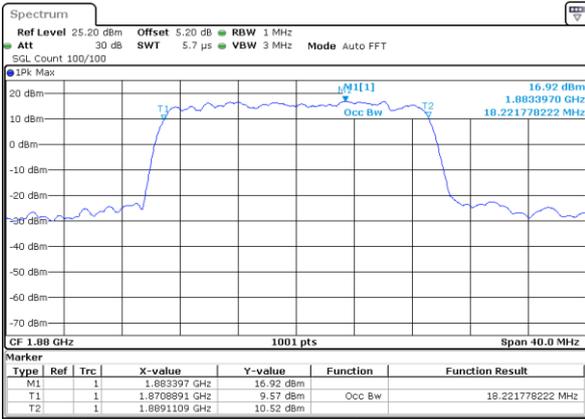
Date: 1 JUN 2017 17:10:38

Lowest Channel / 20MHz / 16QAM



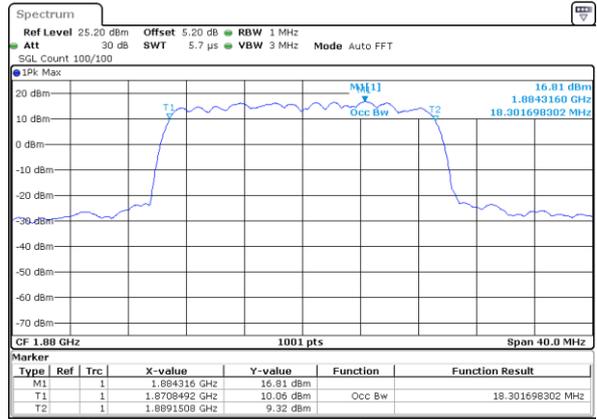
Date: 1 JUN 2017 17:10:48

Middle Channel / 20MHz / QPSK



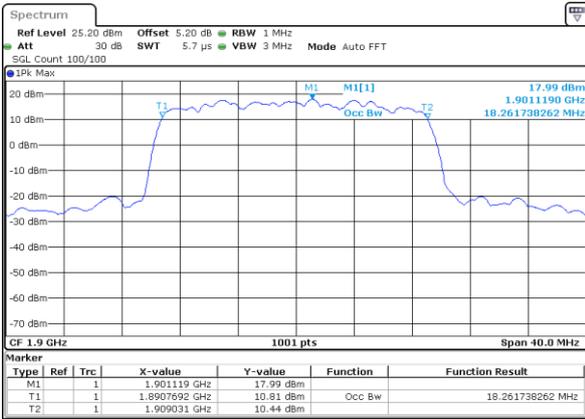
Date: 1 JUN 2017 17:17:37

Middle Channel / 20MHz / 16QAM



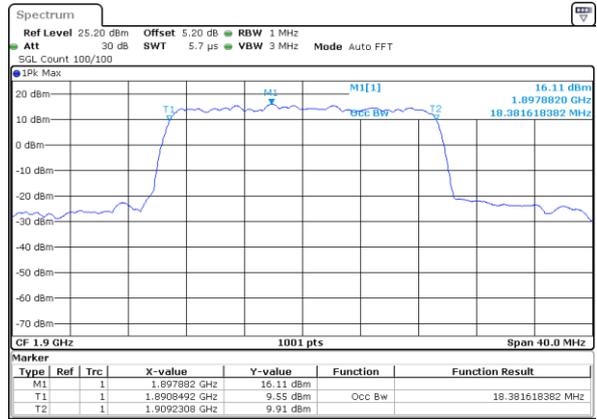
Date: 1 JUN 2017 17:17:47

Highest Channel / 20MHz / QPSK



Date: 1 JUN 2017 17:20:07

Highest Channel / 20MHz / 16QAM

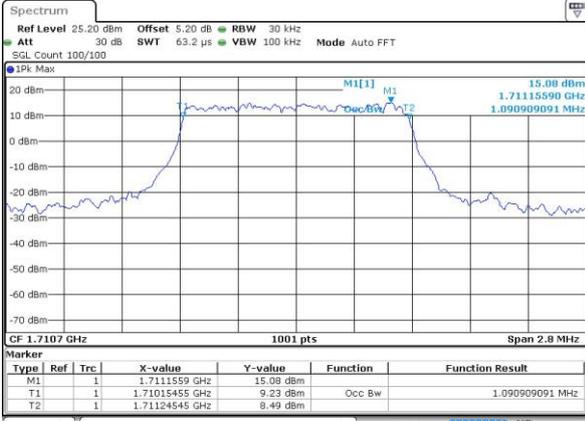


Date: 1 JUN 2017 17:20:17



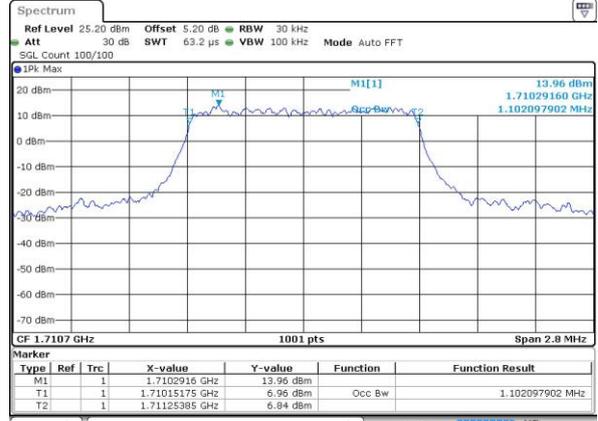
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



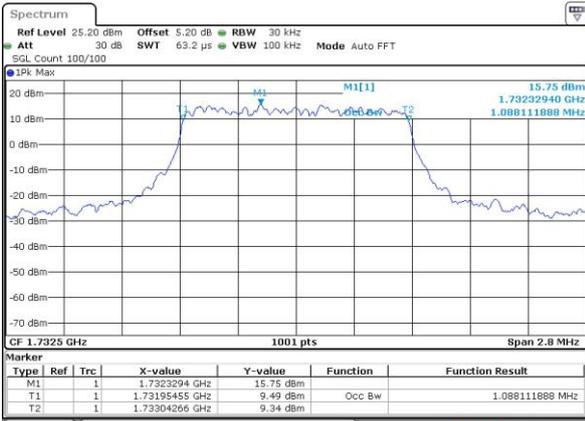
Date: 1 JUN 2017 20:23:43

Lowest Channel / 1.4MHz / 16QAM



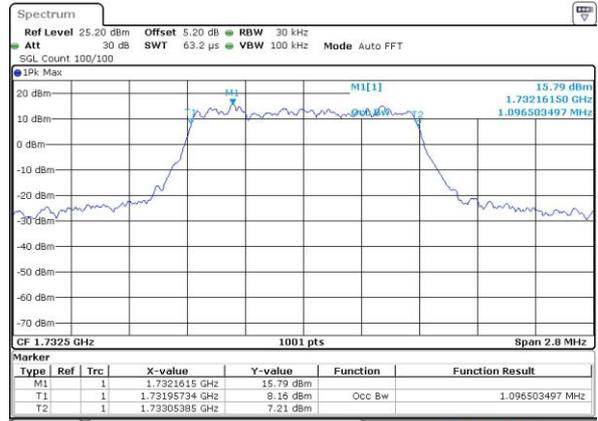
Date: 1 JUN 2017 20:23:54

Middle Channel / 1.4MHz / QPSK



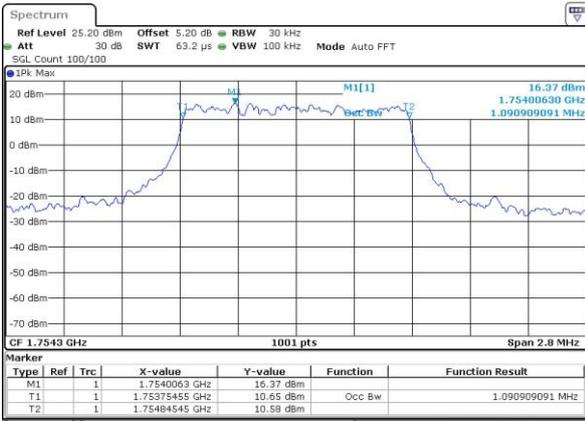
Date: 1 JUN 2017 20:30:53

Middle Channel / 1.4MHz / 16QAM



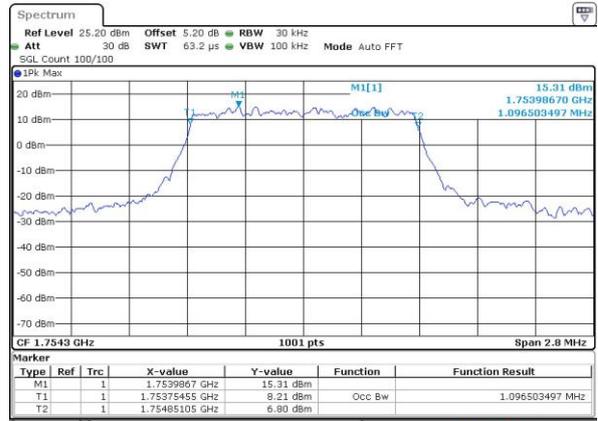
Date: 1 JUN 2017 20:31:04

Highest Channel / 1.4MHz / QPSK



Date: 1 JUN 2017 20:33:29

Highest Channel / 1.4MHz / 16QAM

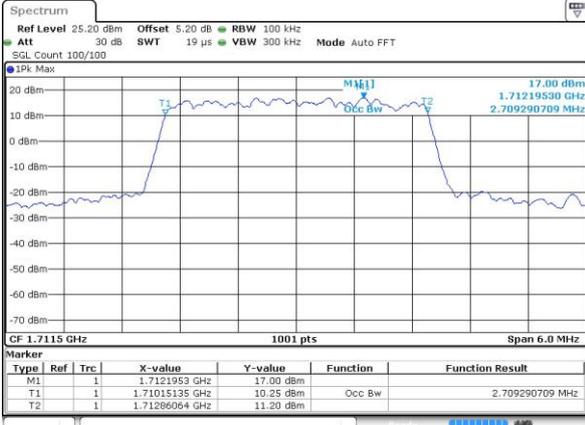


Date: 1 JUN 2017 20:33:40



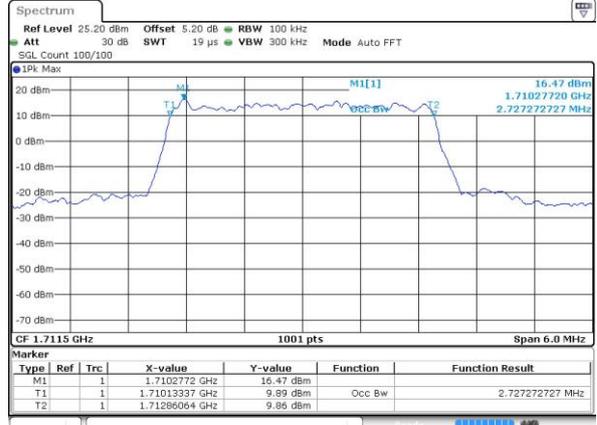
LTE Band 4

Lowest Channel / 3MHz / QPSK



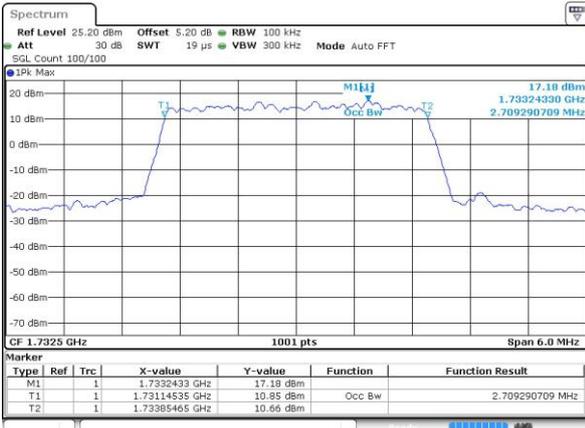
Date: 1 JUN 2017 20:40:38

Lowest Channel / 3MHz / 16QAM



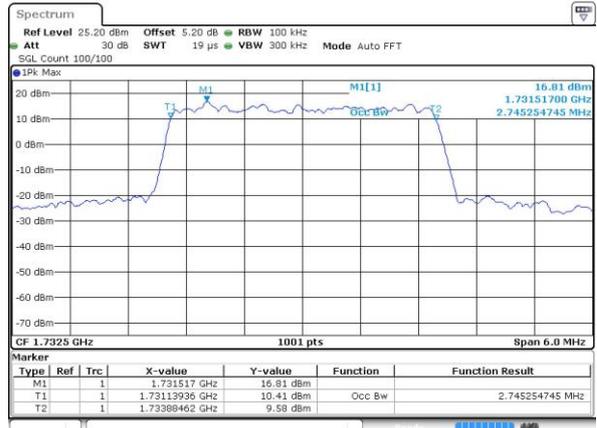
Date: 1 JUN 2017 20:40:49

Middle Channel / 3MHz / QPSK



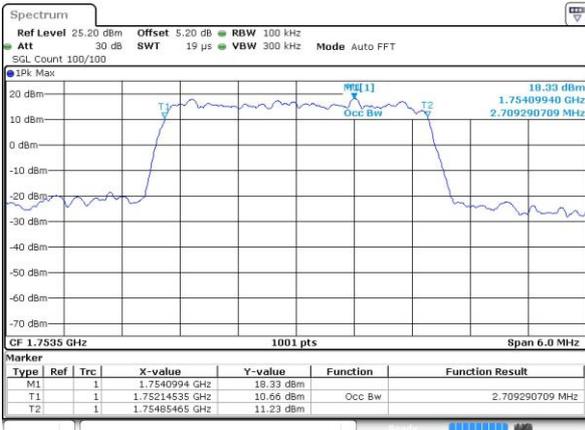
Date: 1 JUN 2017 20:47:48

Middle Channel / 3MHz / 16QAM



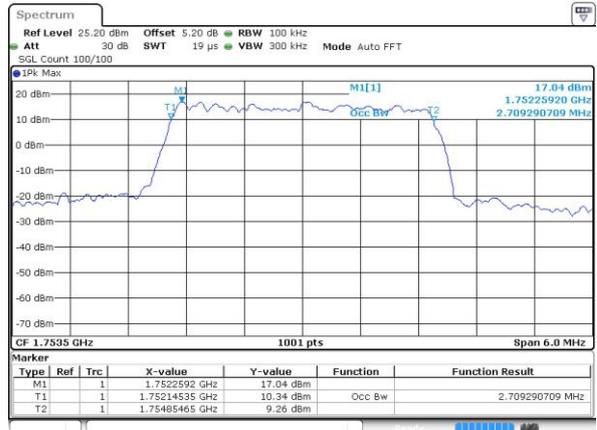
Date: 1 JUN 2017 20:47:59

Highest Channel / 3MHz / QPSK



Date: 1 JUN 2017 20:50:24

Highest Channel / 3MHz / 16QAM

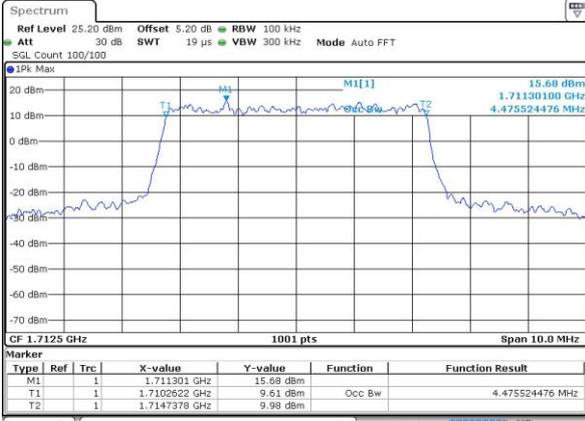


Date: 1 JUN 2017 20:50:35



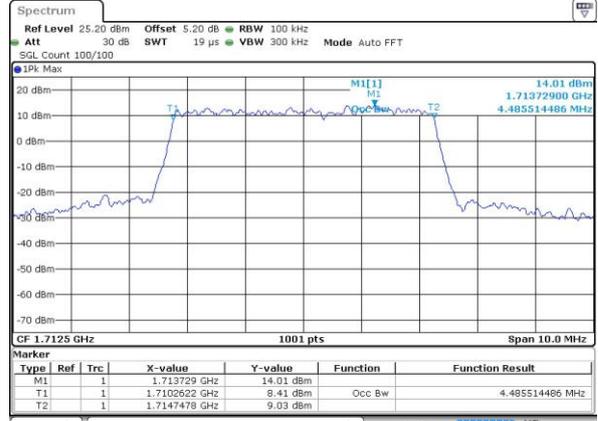
LTE Band 4

Lowest Channel / 5MHz / QPSK



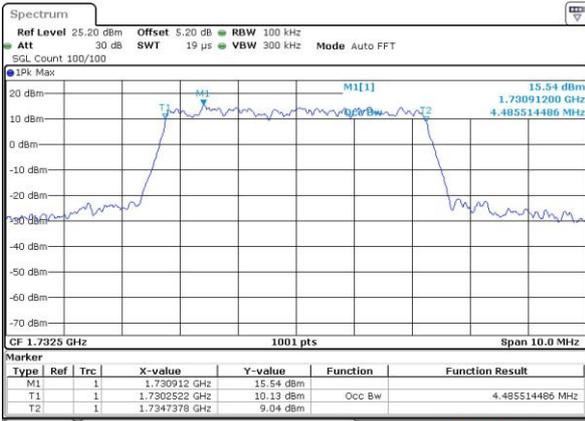
Date: 1 JUN 2017 20:57:35

Lowest Channel / 5MHz / 16QAM



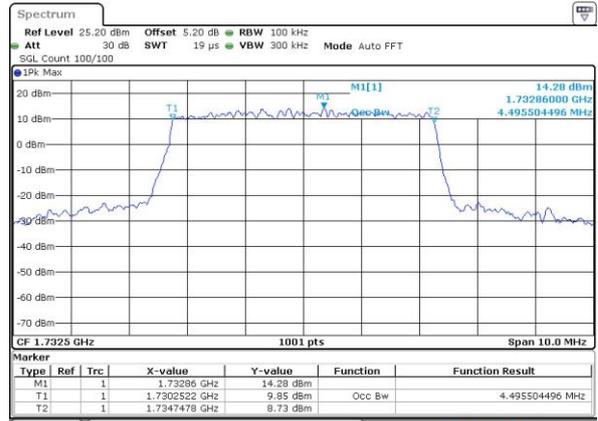
Date: 1 JUN 2017 20:57:46

Middle Channel / 5MHz / QPSK



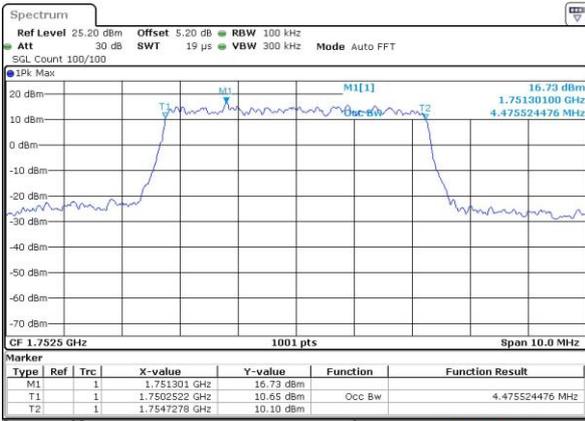
Date: 1 JUN 2017 21:04:44

Middle Channel / 5MHz / 16QAM



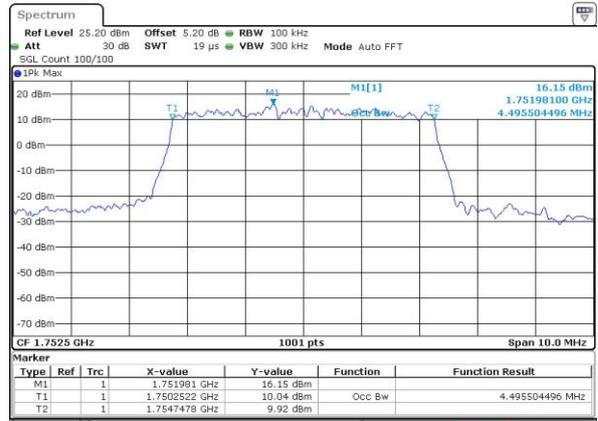
Date: 1 JUN 2017 21:04:55

Highest Channel / 5MHz / QPSK



Date: 1 JUN 2017 21:07:20

Highest Channel / 5MHz / 16QAM

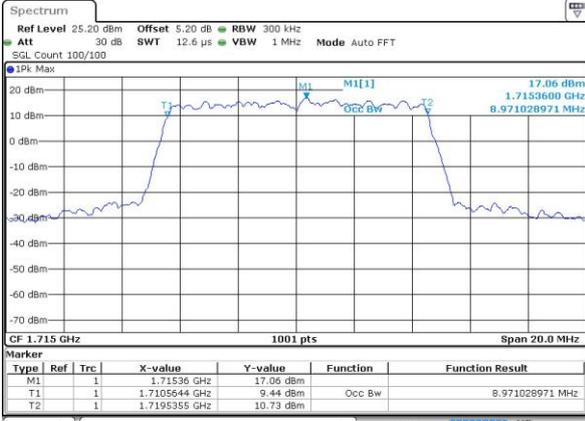


Date: 1 JUN 2017 21:07:31



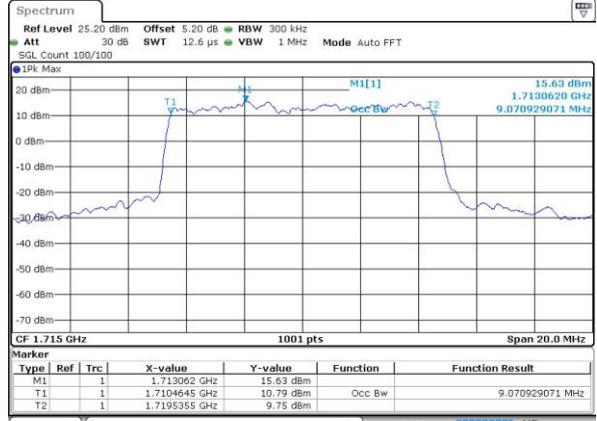
LTE Band 4

Lowest Channel / 10MHz / QPSK



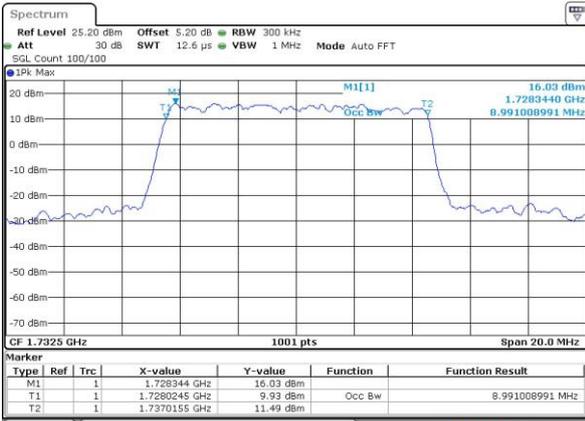
Date: 1 JUN 2017 21:14:29

Lowest Channel / 10MHz / 16QAM



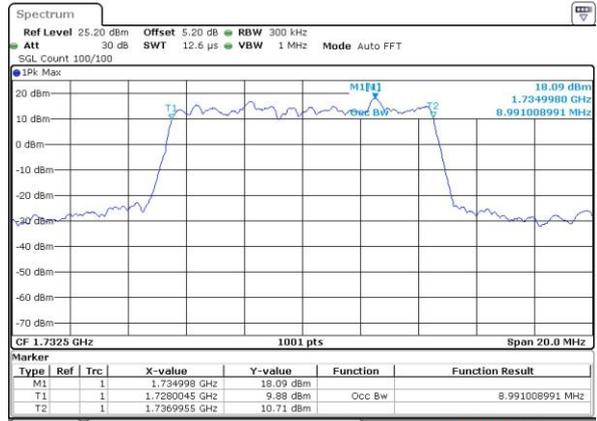
Date: 1 JUN 2017 21:14:40

Middle Channel / 10MHz / QPSK



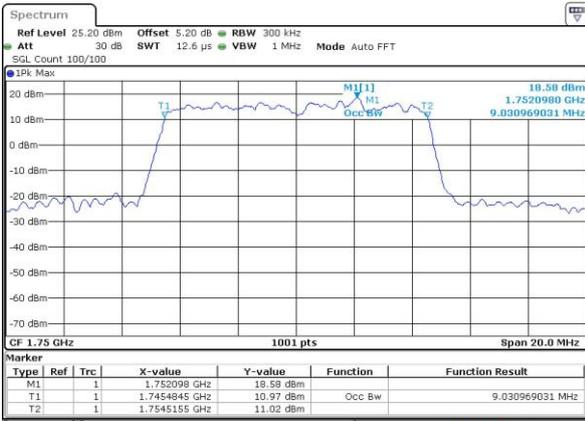
Date: 1 JUN 2017 21:21:38

Middle Channel / 10MHz / 16QAM



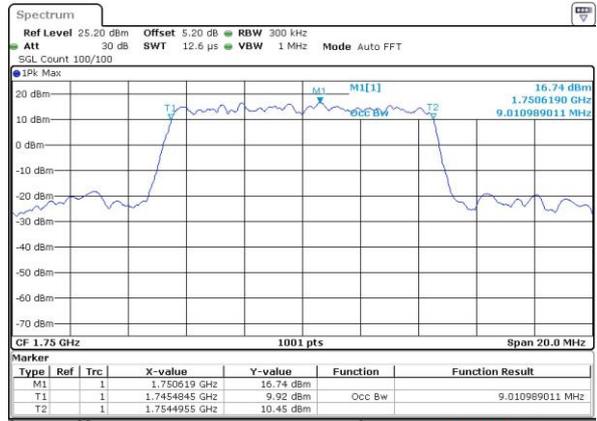
Date: 1 JUN 2017 21:21:48

Highest Channel / 10MHz / QPSK



Date: 1 JUN 2017 21:24:14

Highest Channel / 10MHz / 16QAM

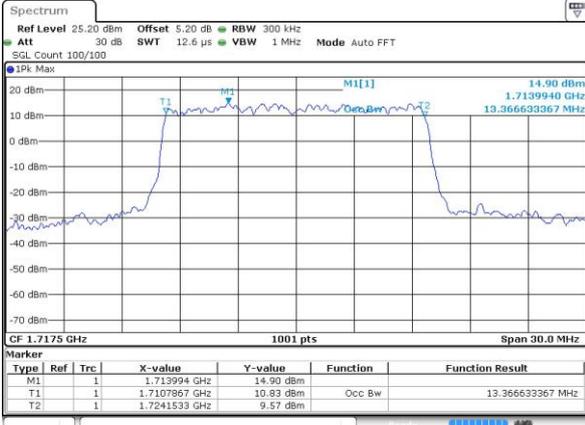


Date: 1 JUN 2017 21:24:25



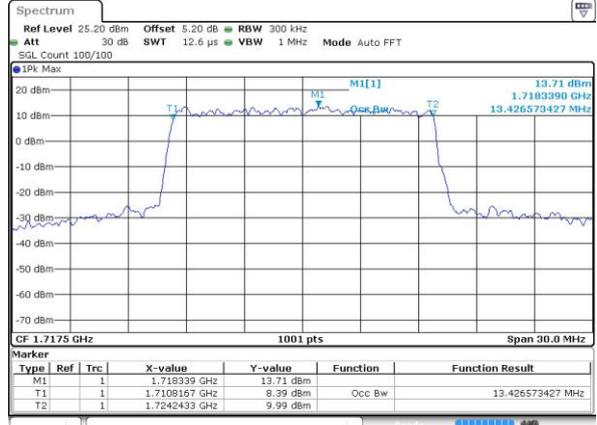
LTE Band 4

Lowest Channel / 15MHz / QPSK



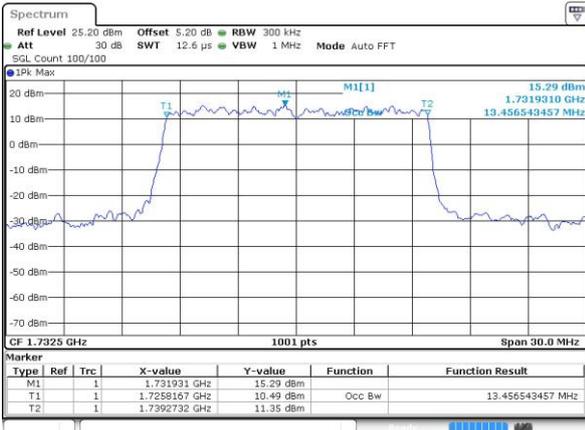
Date: 1 JUN 2017 21:31:24

Lowest Channel / 15MHz / 16QAM



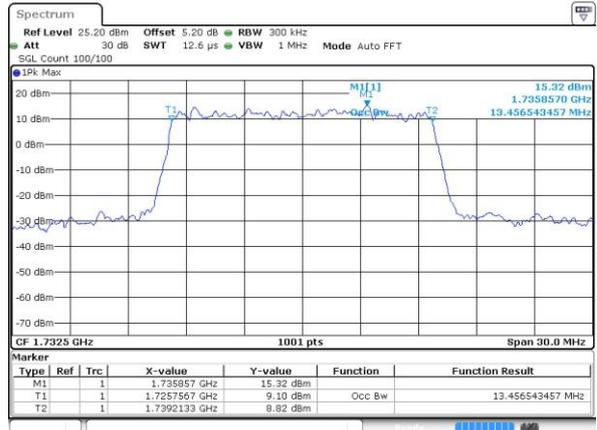
Date: 1 JUN 2017 21:31:35

Middle Channel / 15MHz / QPSK



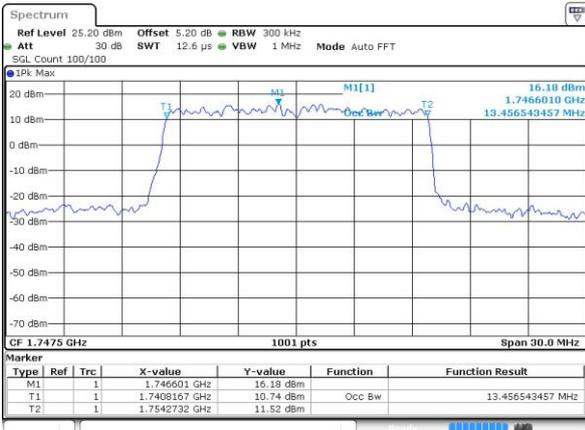
Date: 1 JUN 2017 21:38:36

Middle Channel / 15MHz / 16QAM



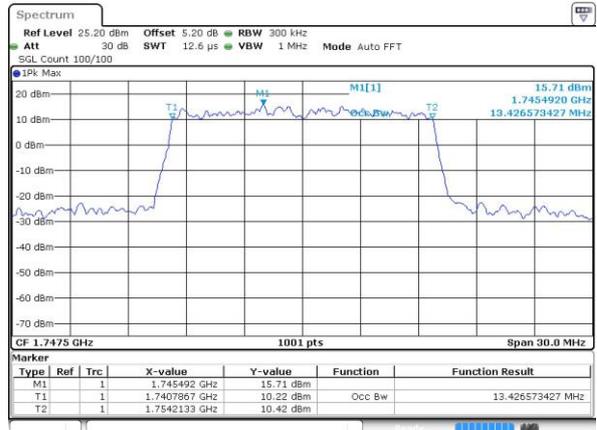
Date: 1 JUN 2017 21:38:47

Highest Channel / 15MHz / QPSK



Date: 1 JUN 2017 21:41:14

Highest Channel / 15MHz / 16QAM

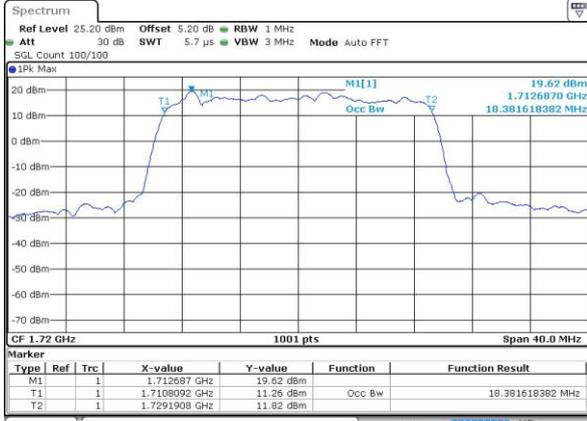


Date: 1 JUN 2017 21:41:26



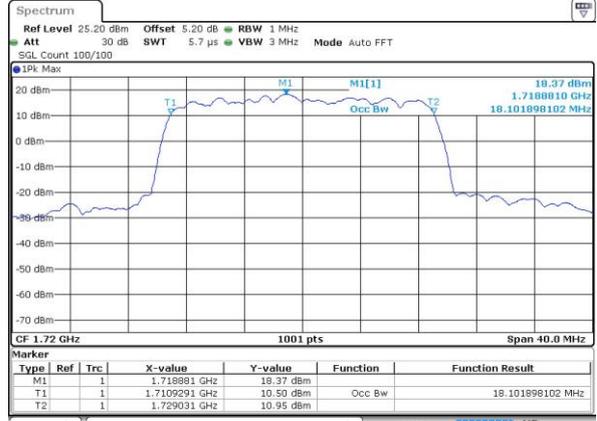
LTE Band 4

Lowest Channel / 20MHz / QPSK



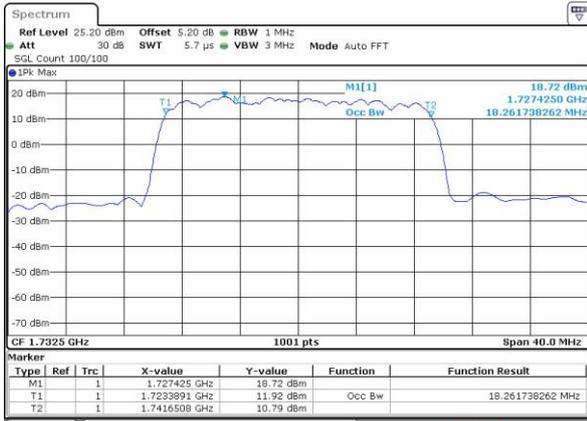
Date: 1 JUN 2017 21:48:29

Lowest Channel / 20MHz / 16QAM



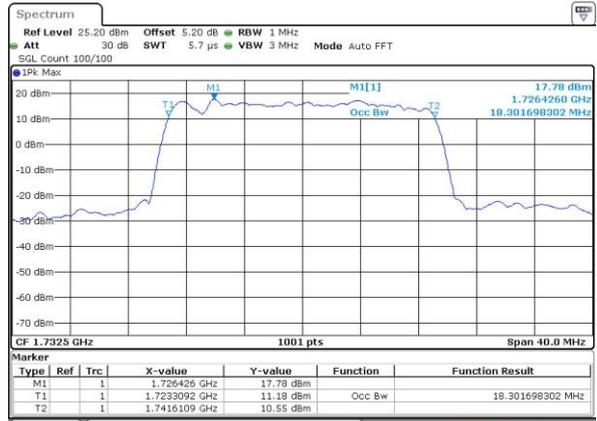
Date: 1 JUN 2017 21:48:40

Middle Channel / 20MHz / QPSK



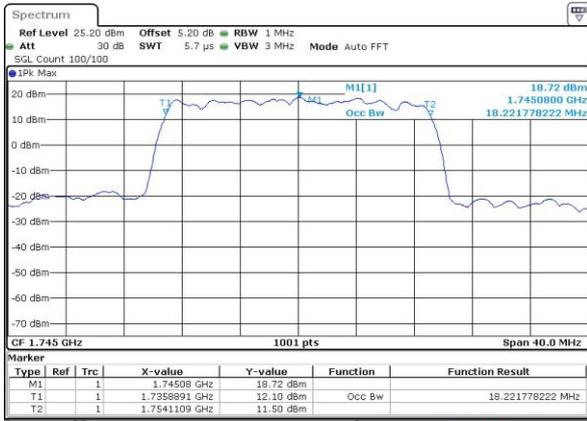
Date: 1 JUN 2017 21:55:39

Middle Channel / 20MHz / 16QAM



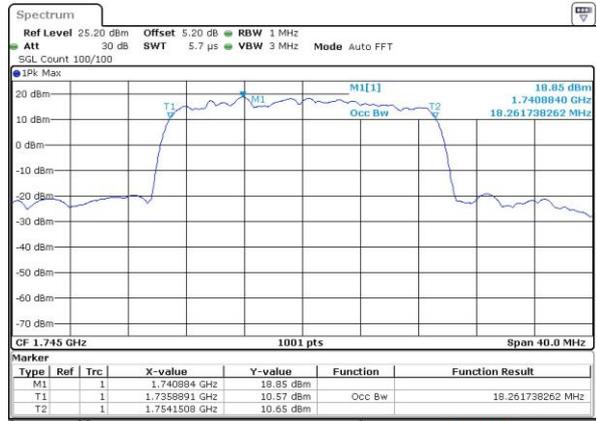
Date: 1 JUN 2017 21:55:50

Highest Channel / 20MHz / QPSK



Date: 1 JUN 2017 21:58:15

Highest Channel / 20MHz / 16QAM



Date: 1 JUN 2017 21:58:26