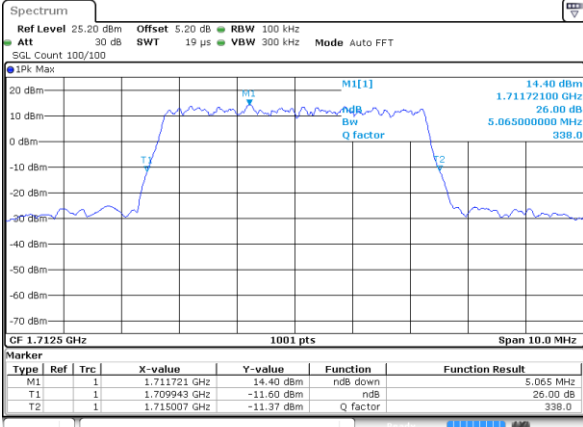




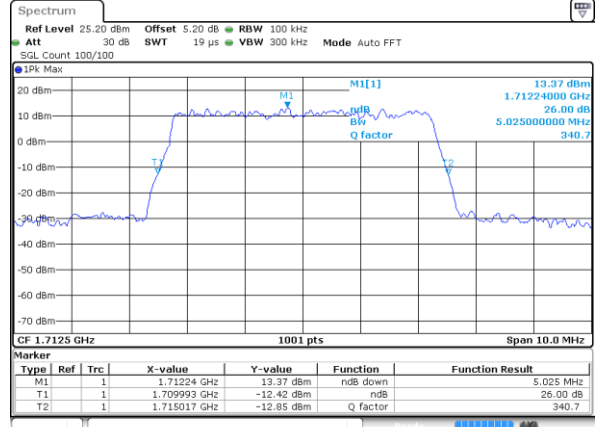
LTE Band 4

Lowest Channel / 5MHz / QPSK



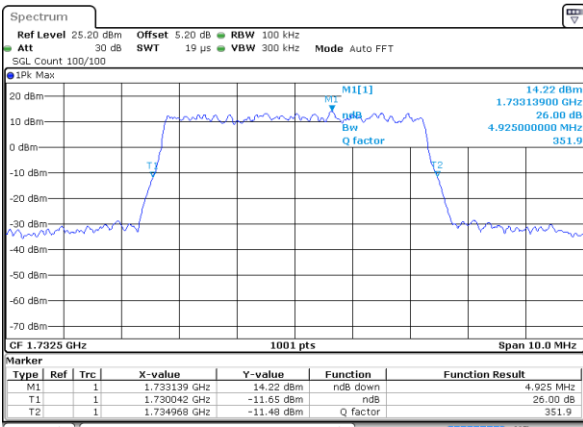
Date: 20 JAN 2018 10:15:32

Lowest Channel / 5MHz / 16QAM



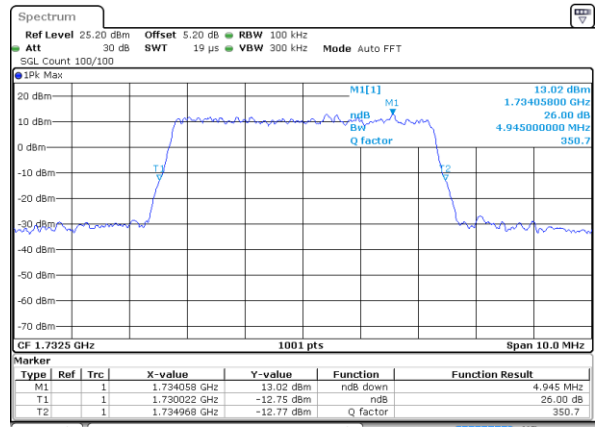
Date: 20 JAN 2018 10:15:41

Middle Channel / 5MHz / QPSK



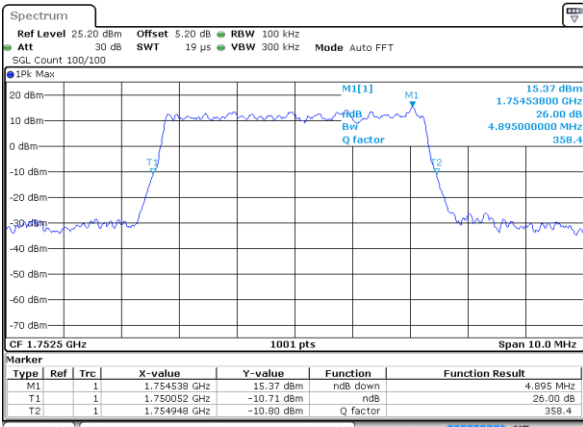
Date: 20 JAN 2018 10:22:30

Middle Channel / 5MHz / 16QAM



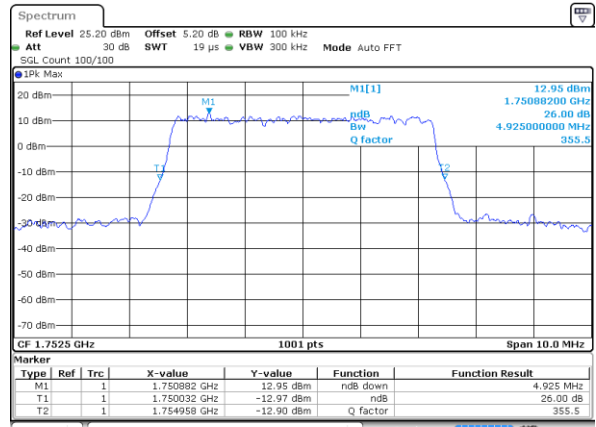
Date: 20 JAN 2018 10:22:40

Highest Channel / 5MHz / QPSK



Date: 20 JAN 2018 10:24:59

Highest Channel / 5MHz / 16QAM

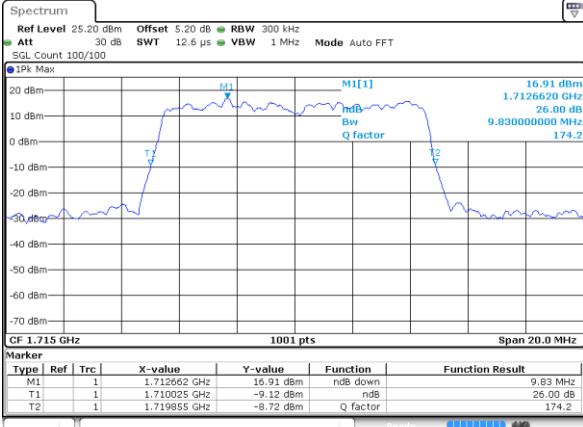


Date: 20 JAN 2018 10:25:08



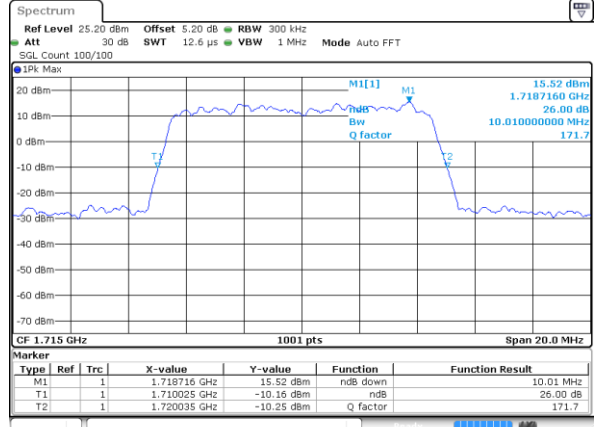
LTE Band 4

Lowest Channel / 10MHz / QPSK



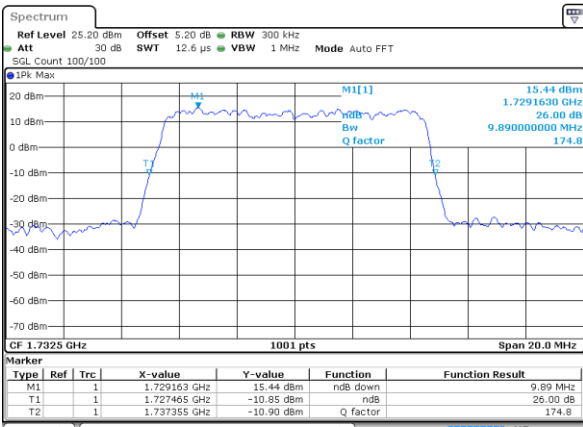
Date: 20 JAN 2018 10:31:57

Lowest Channel / 10MHz / 16QAM



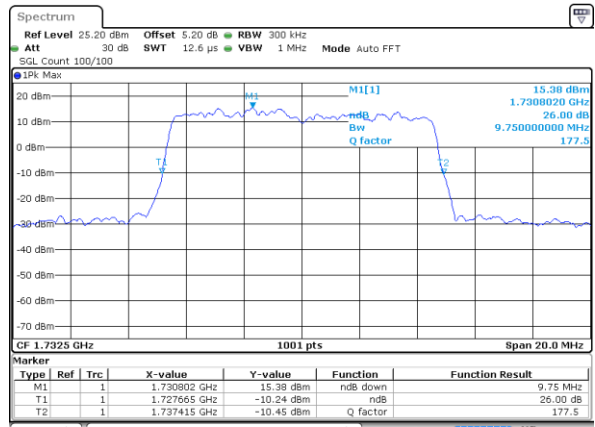
Date: 20 JAN 2018 10:32:07

Middle Channel / 10MHz / QPSK



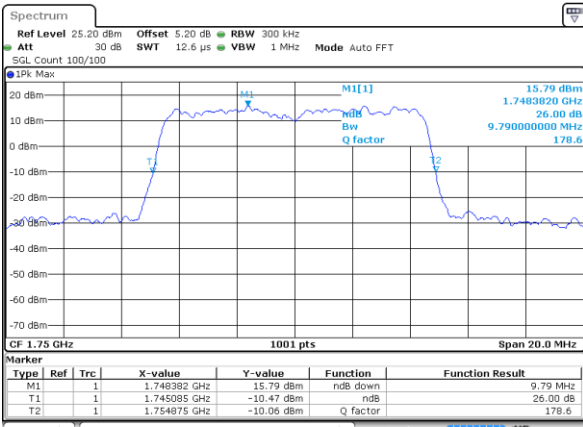
Date: 20 JAN 2018 10:38:55

Middle Channel / 10MHz / 16QAM



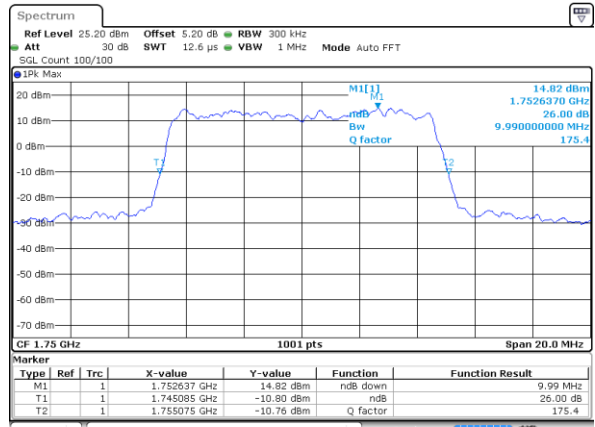
Date: 20 JAN 2018 10:39:05

Highest Channel / 10MHz / QPSK



Date: 20 JAN 2018 10:41:24

Highest Channel / 10MHz / 16QAM

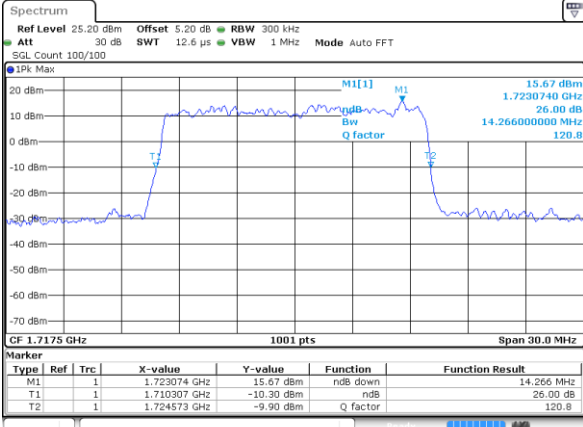


Date: 20 JAN 2018 10:41:33



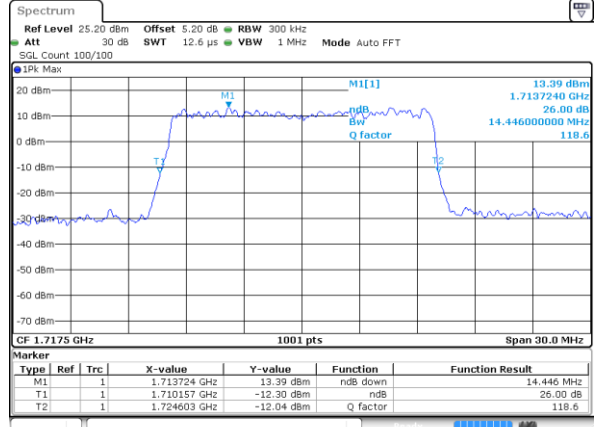
LTE Band 4

Lowest Channel / 15MHz / QPSK



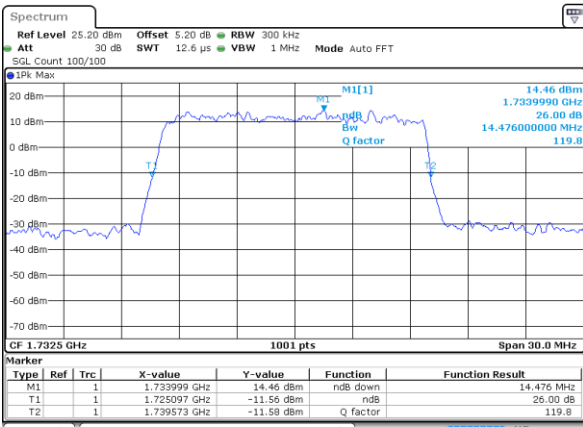
Date: 20 JAN 2018 10:48:22

Lowest Channel / 15MHz / 16QAM



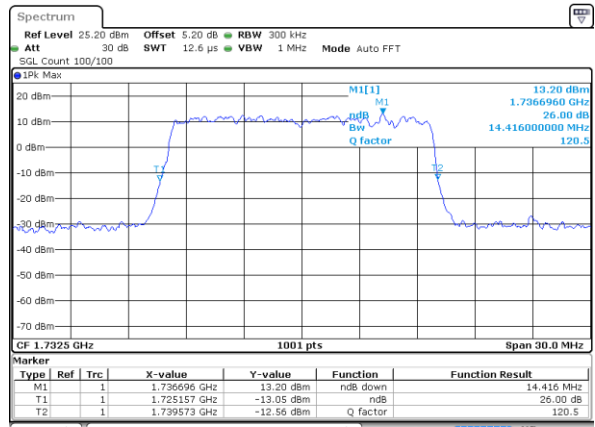
Date: 20 JAN 2018 10:48:32

Middle Channel / 15MHz / QPSK



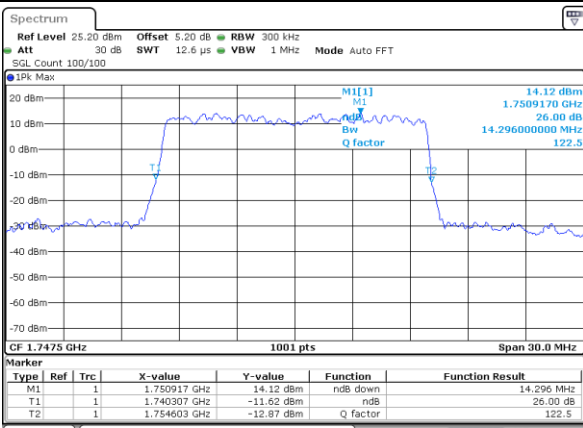
Date: 20 JAN 2018 10:55:20

Middle Channel / 15MHz / 16QAM



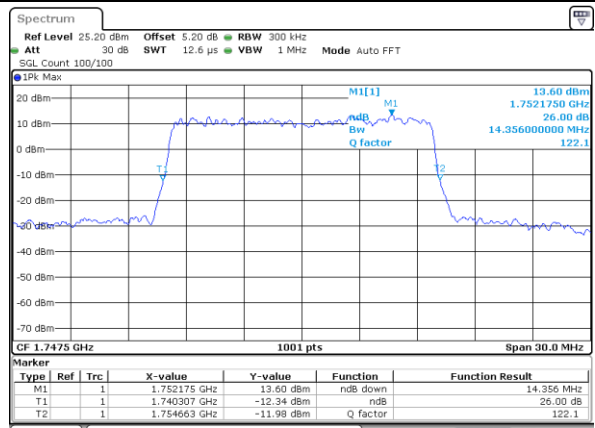
Date: 20 JAN 2018 10:55:30

Highest Channel / 15MHz / QPSK



Date: 20 JAN 2018 10:57:48

Highest Channel / 15MHz / 16QAM

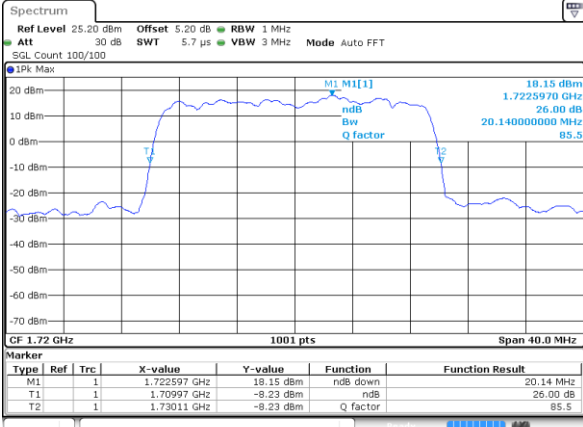


Date: 20 JAN 2018 10:57:58



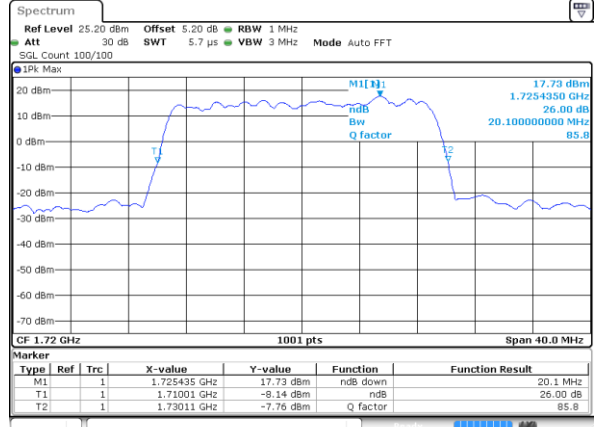
LTE Band 4

Lowest Channel / 20MHz / QPSK



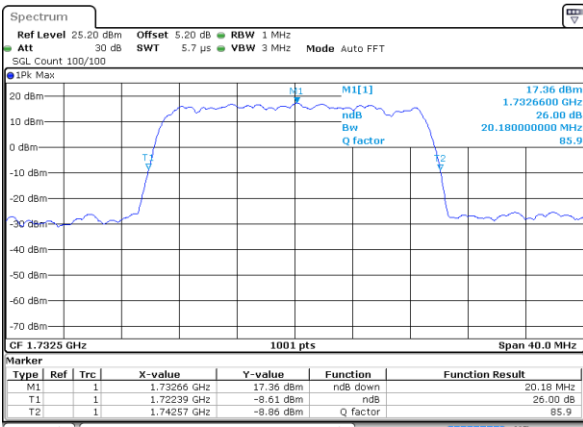
Date: 20 JAN 2018 11:04:46

Lowest Channel / 20MHz / 16QAM



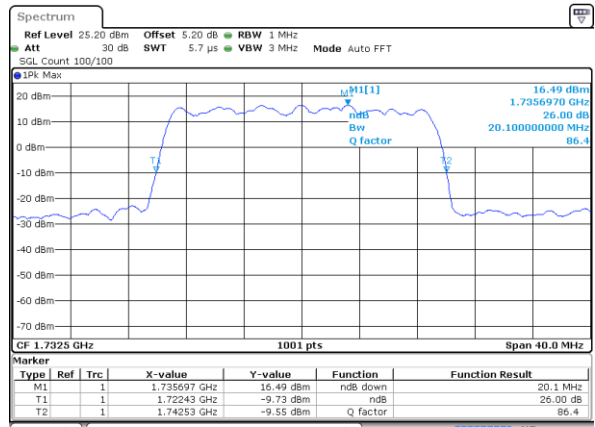
Date: 20 JAN 2018 11:04:56

Middle Channel / 20MHz / QPSK



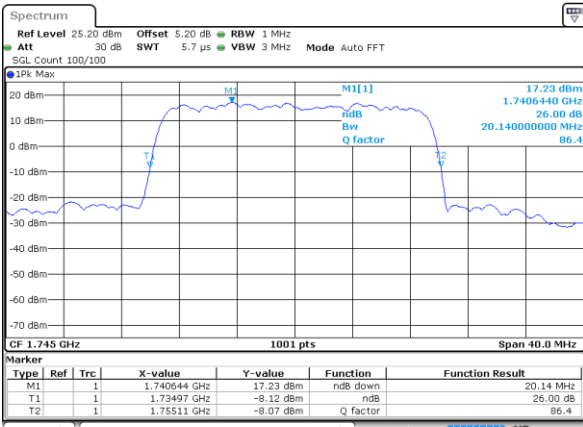
Date: 20 JAN 2018 11:11:45

Middle Channel / 20MHz / 16QAM



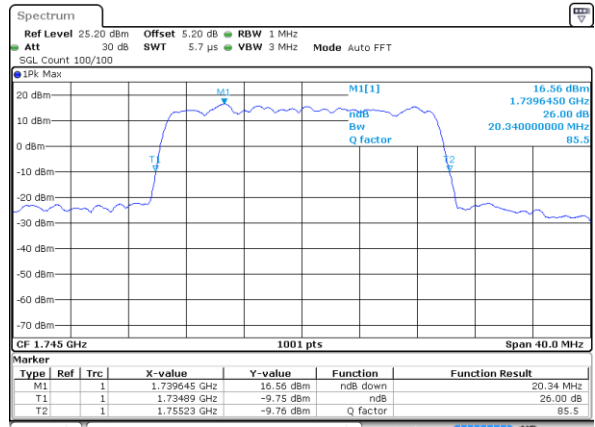
Date: 20 JAN 2018 11:11:55

Highest Channel / 20MHz / QPSK



Date: 20 JAN 2018 11:14:13

Highest Channel / 20MHz / 16QAM

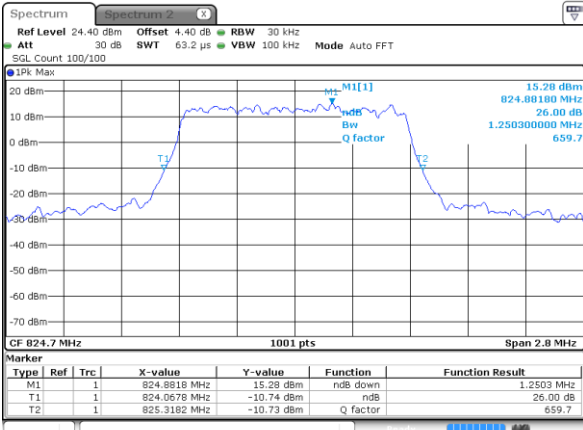


Date: 20 JAN 2018 11:14:23



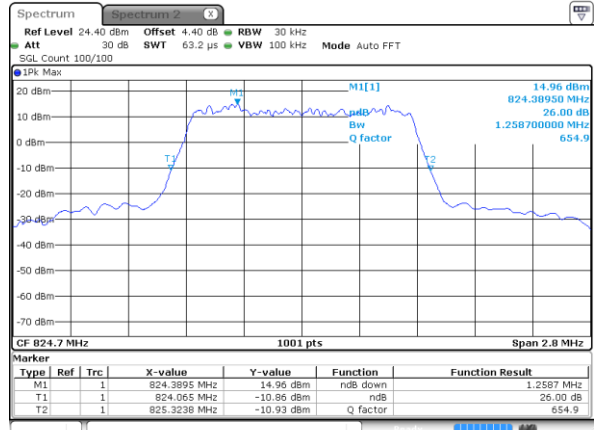
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



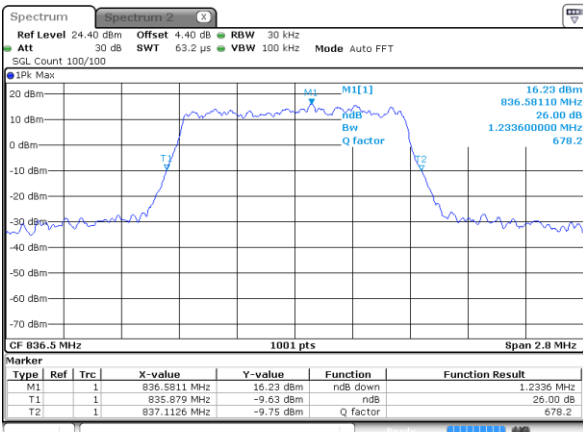
Date: 2 NOV 2017 23:17:03

Lowest Channel / 1.4MHz / 16QAM



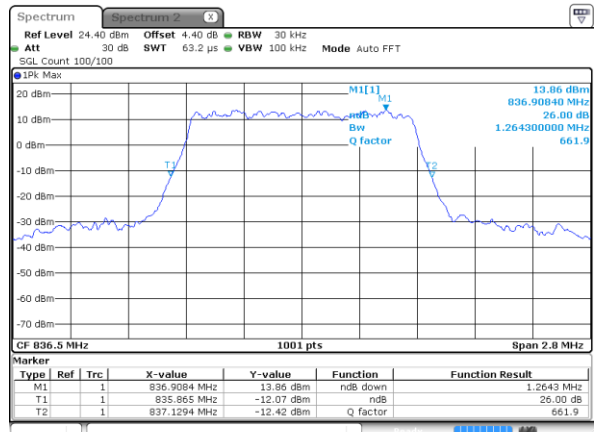
Date: 2 NOV 2017 23:16:53

Middle Channel / 1.4MHz / QPSK



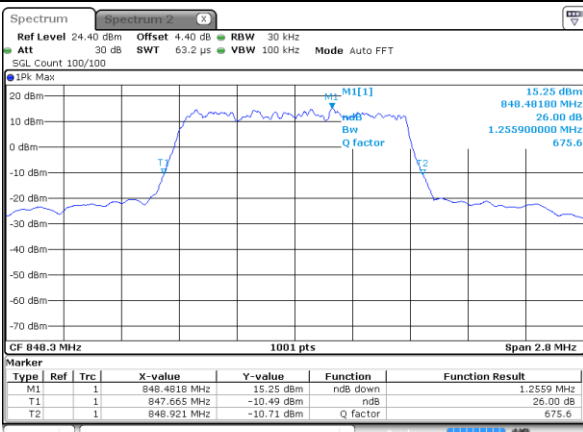
Date: 2 NOV 2017 23:25:51

Middle Channel / 1.4MHz / 16QAM



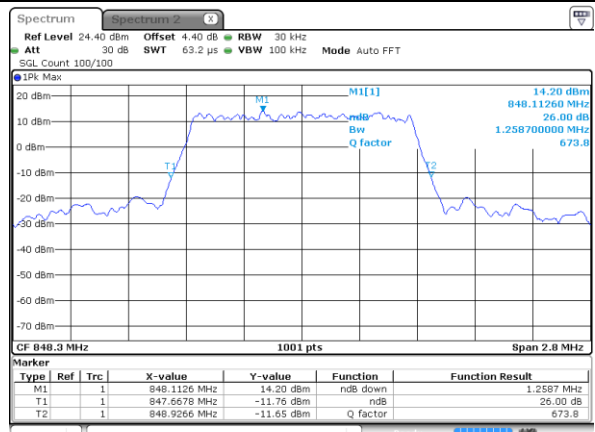
Date: 2 NOV 2017 23:26:00

Highest Channel / 1.4MHz / QPSK



Date: 2 NOV 2017 23:28:19

Highest Channel / 1.4MHz / 16QAM

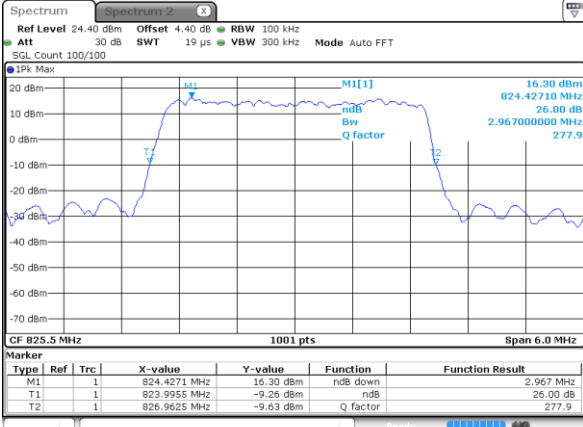


Date: 2 NOV 2017 23:28:29



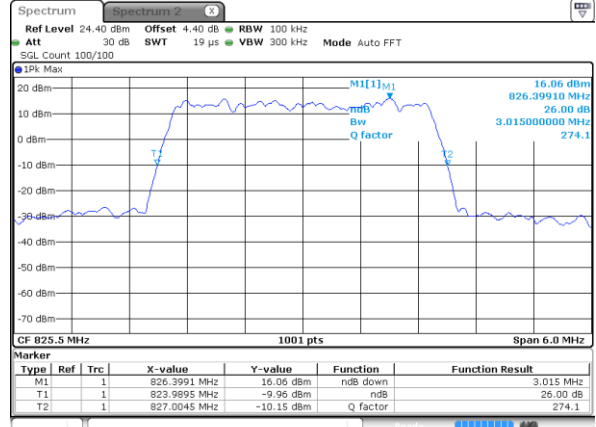
LTE Band 5

Lowest Channel / 3MHz / QPSK



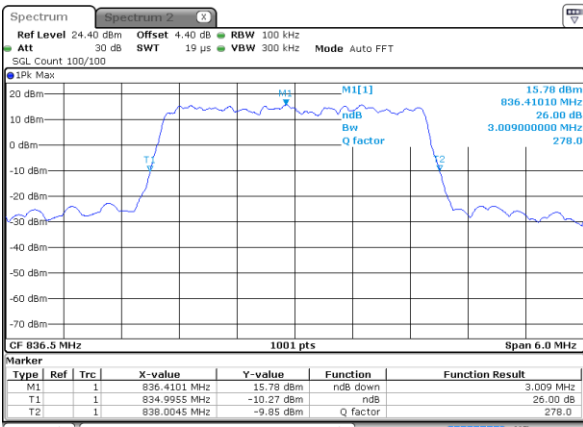
Date: 2 NOV 2017 23:37:16

Lowest Channel / 3MHz / 16QAM



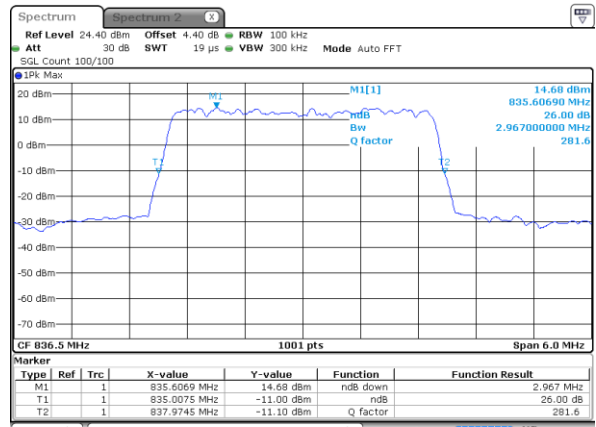
Date: 2 NOV 2017 23:37:26

Middle Channel / 3MHz / QPSK



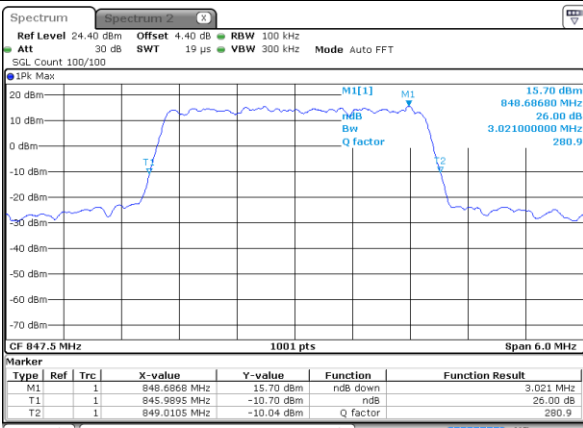
Date: 2 NOV 2017 23:46:14

Middle Channel / 3MHz / 16QAM



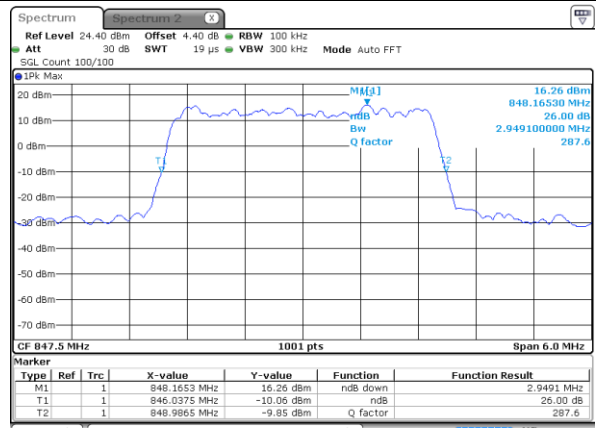
Date: 2 NOV 2017 23:46:24

Highest Channel / 3MHz / QPSK



Date: 2 NOV 2017 23:48:42

Highest Channel / 3MHz / 16QAM

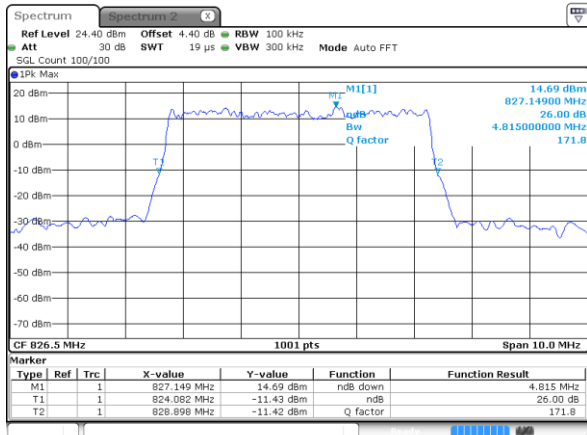


Date: 2 NOV 2017 23:48:52



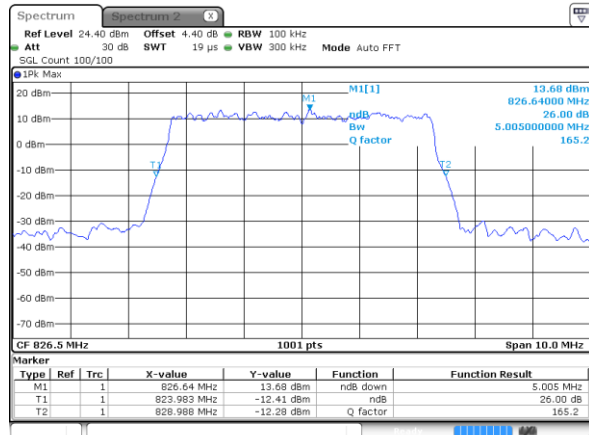
LTE Band 5

Lowest Channel / 5MHz / QPSK



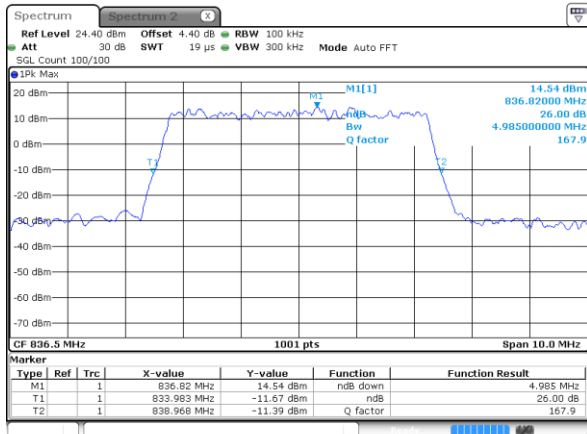
Date: 2 NOV 2017 23:57:40

Lowest Channel / 5MHz / 16QAM



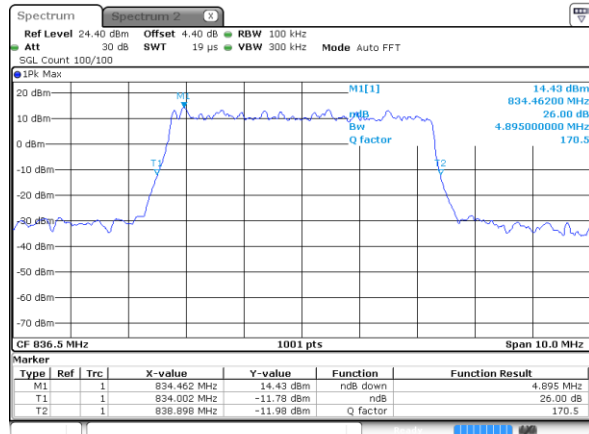
Date: 2 NOV 2017 23:57:50

Middle Channel / 5MHz / QPSK



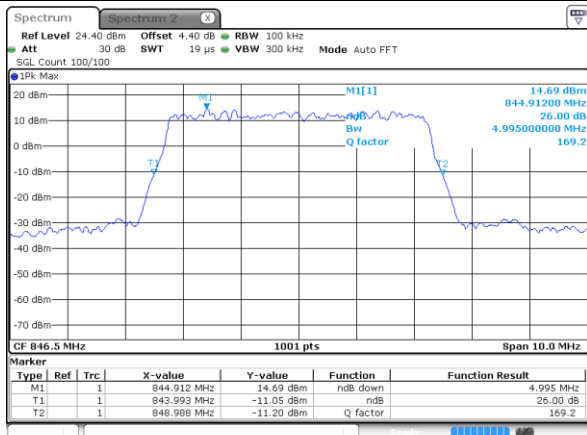
Date: 3 NOV 2017 00:06:38

Middle Channel / 5MHz / 16QAM



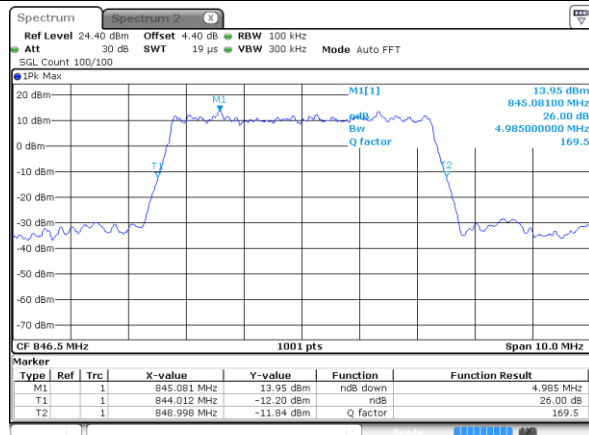
Date: 3 NOV 2017 00:06:48

Highest Channel / 5MHz / QPSK



Date: 3 NOV 2017 00:09:06

Highest Channel / 5MHz / 16QAM

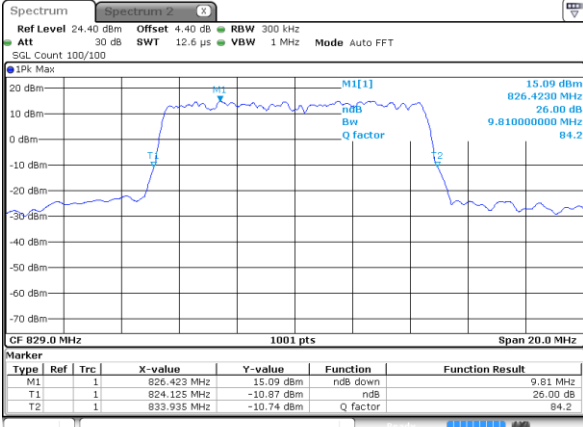


Date: 3 NOV 2017 00:09:16



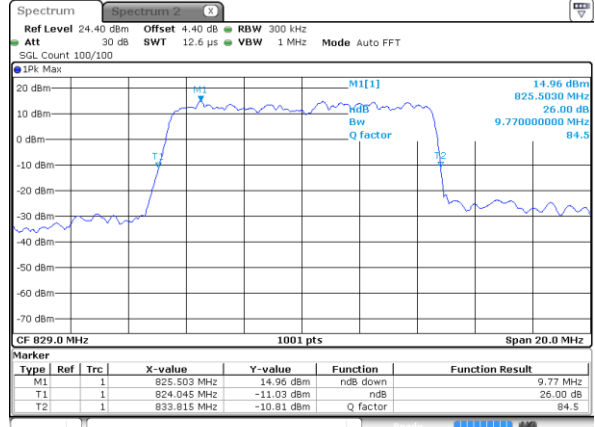
LTE Band 5

Lowest Channel / 10MHz / QPSK



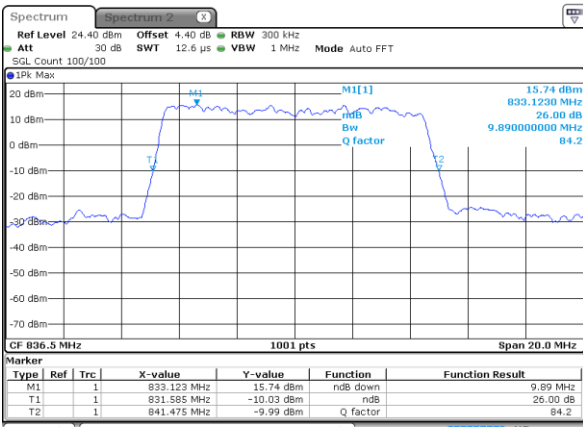
Date: 3 NOV 2017 00:18:04

Lowest Channel / 10MHz / 16QAM



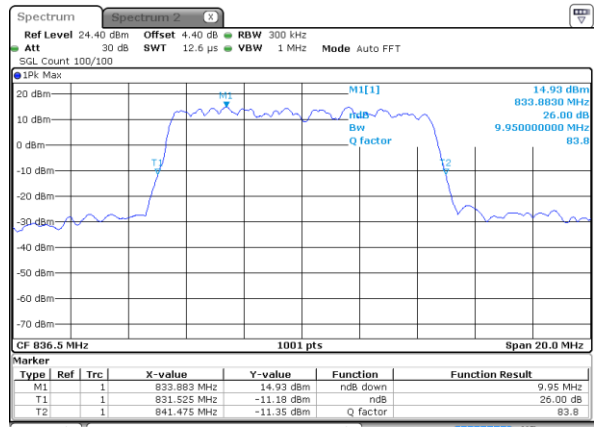
Date: 3 NOV 2017 00:18:13

Middle Channel / 10MHz / QPSK



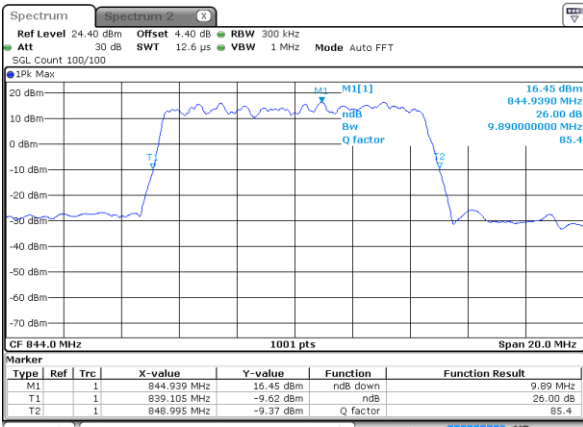
Date: 3 NOV 2017 00:27:01

Middle Channel / 10MHz / 16QAM



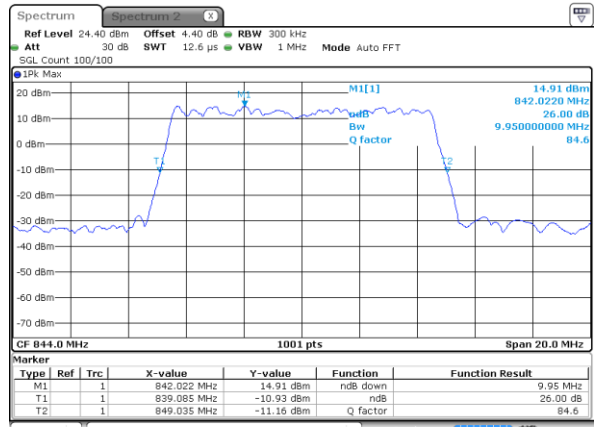
Date: 3 NOV 2017 00:27:11

Highest Channel / 10MHz / QPSK



Date: 3 NOV 2017 00:29:29

Highest Channel / 10MHz / 16QAM



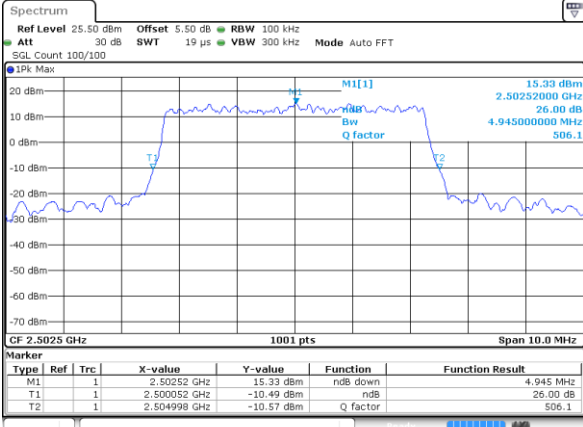
Date: 3 NOV 2017 00:29:39





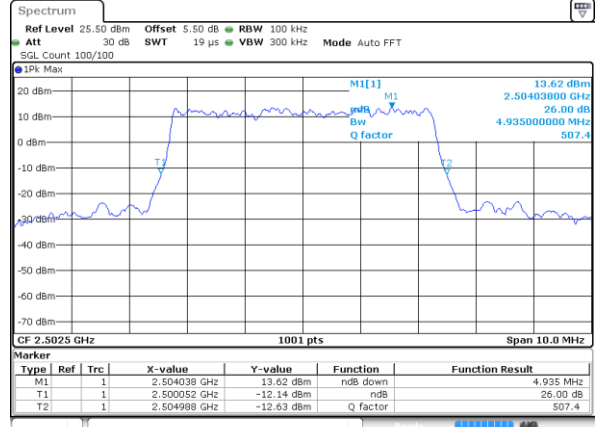
LTE Band 7

Lowest Channel / 5MHz / QPSK



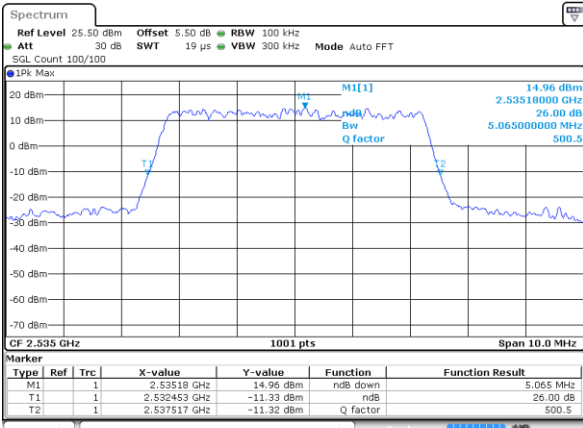
Date: 3 NOV 2017 08:48:28

Lowest Channel / 5MHz / 16QAM



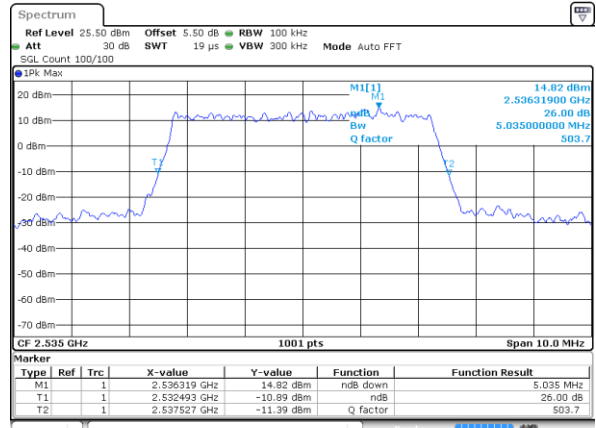
Date: 3 NOV 2017 08:48:48

Middle Channel / 5MHz / QPSK



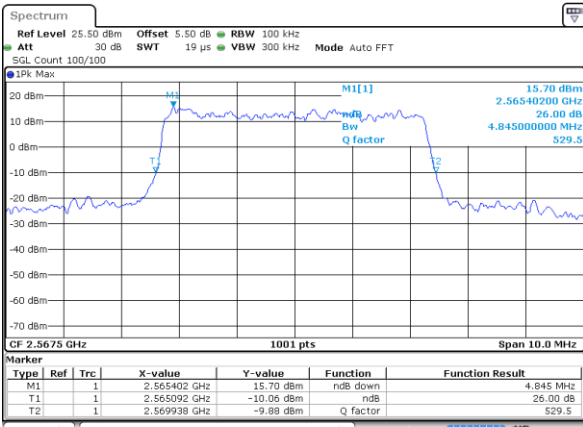
Date: 3 NOV 2017 08:49:28

Middle Channel / 5MHz / 16QAM



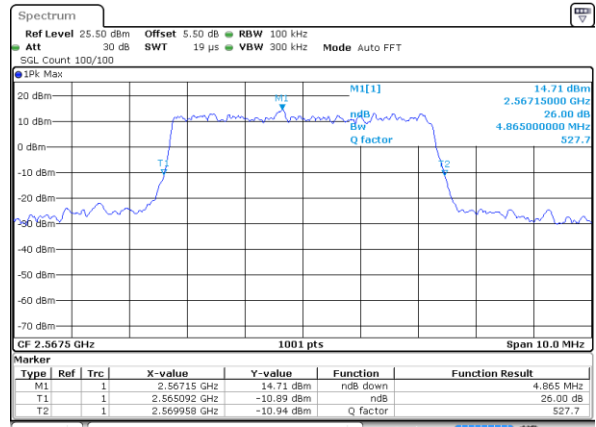
Date: 3 NOV 2017 08:49:08

Highest Channel / 5MHz / QPSK



Date: 3 NOV 2017 08:49:48

Highest Channel / 5MHz / 16QAM

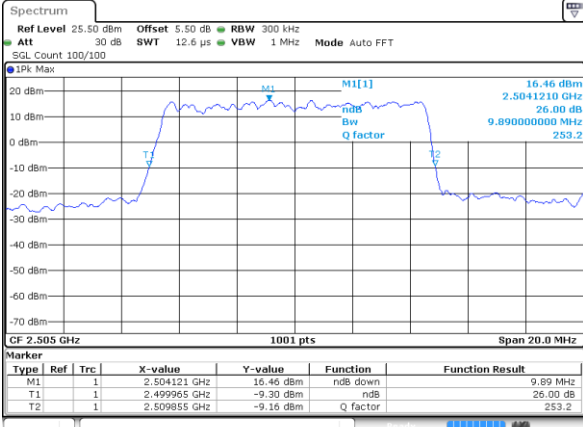


Date: 3 NOV 2017 08:50:08



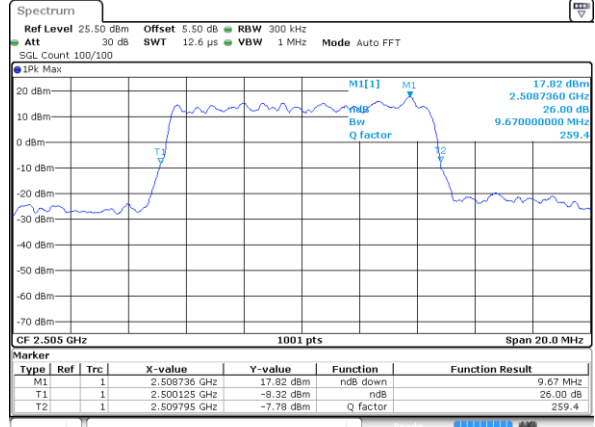
LTE Band 7

Lowest Channel / 10MHz / QPSK



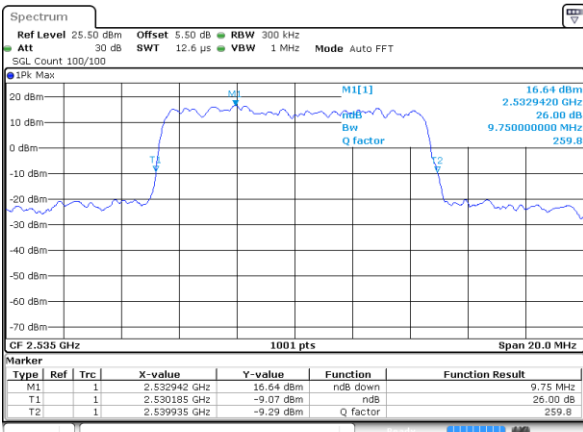
Date: 3 NOV 2017 09:04:54

Lowest Channel / 10MHz / 16QAM



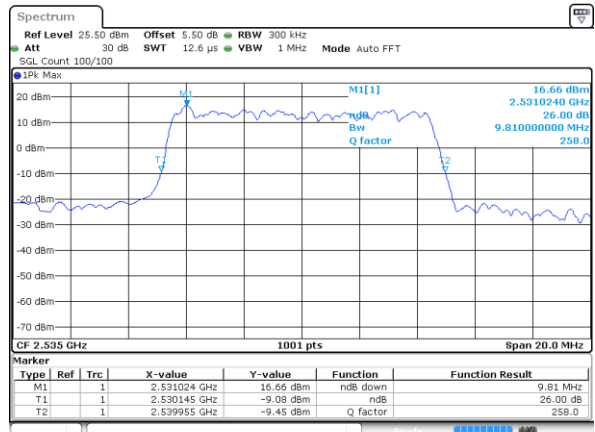
Date: 3 NOV 2017 09:05:14

Middle Channel / 10MHz / QPSK



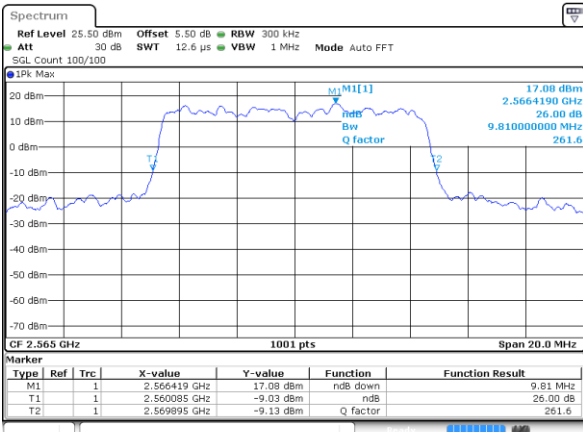
Date: 3 NOV 2017 09:05:54

Middle Channel / 10MHz / 16QAM



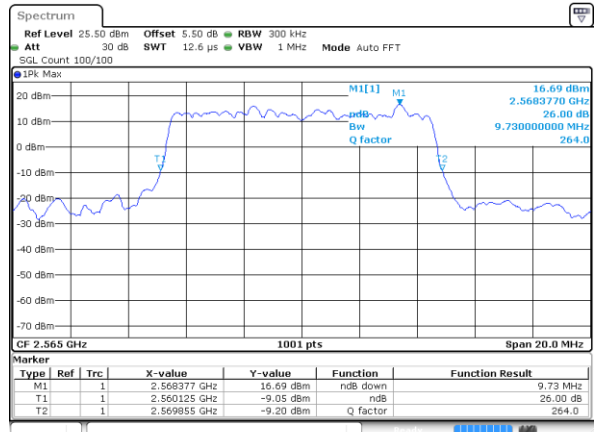
Date: 3 NOV 2017 09:05:34

Highest Channel / 10MHz / QPSK



Date: 3 NOV 2017 09:06:13

Highest Channel / 10MHz / 16QAM

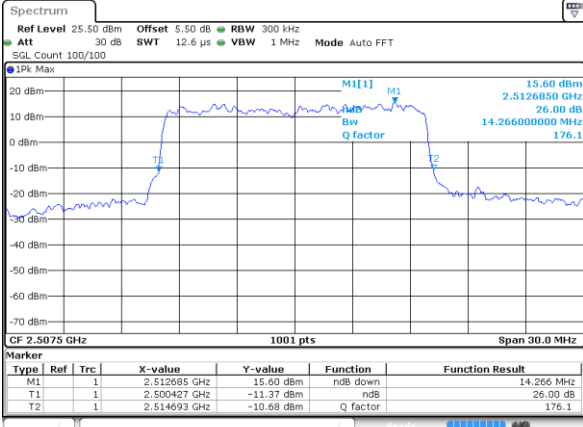


Date: 3 NOV 2017 09:06:33



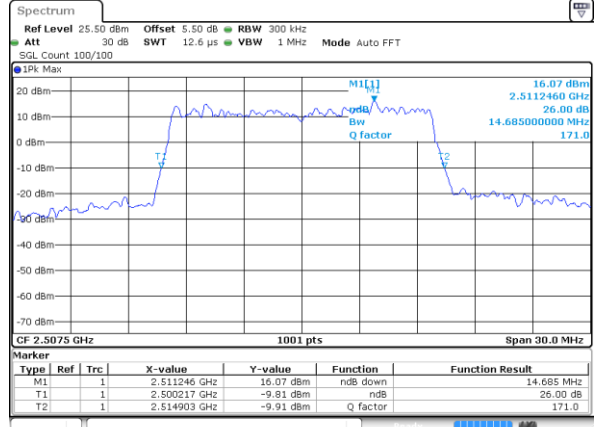
LTE Band 7

Lowest Channel / 15MHz / QPSK



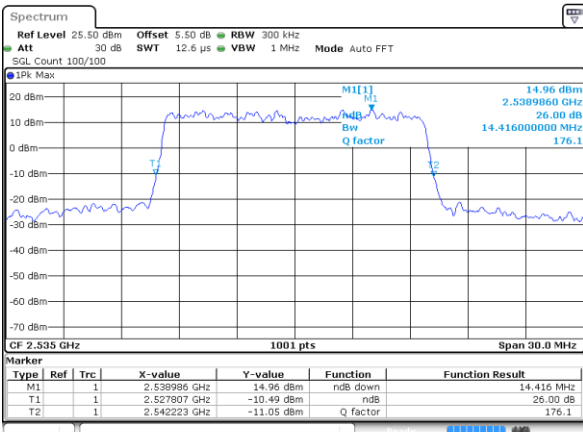
Date: 3 NOV 2017 09:21:38

Lowest Channel / 15MHz / 16QAM



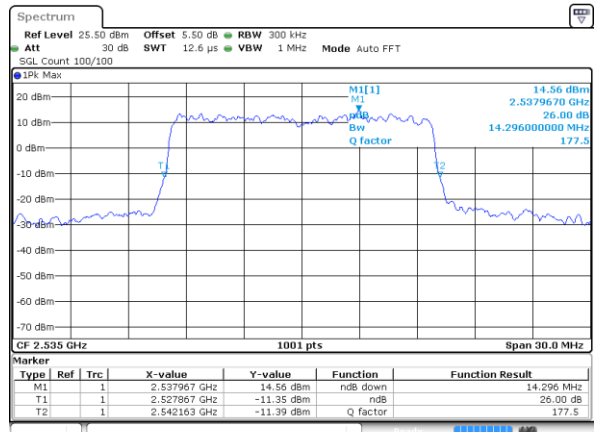
Date: 3 NOV 2017 09:21:18

Middle Channel / 15MHz / QPSK



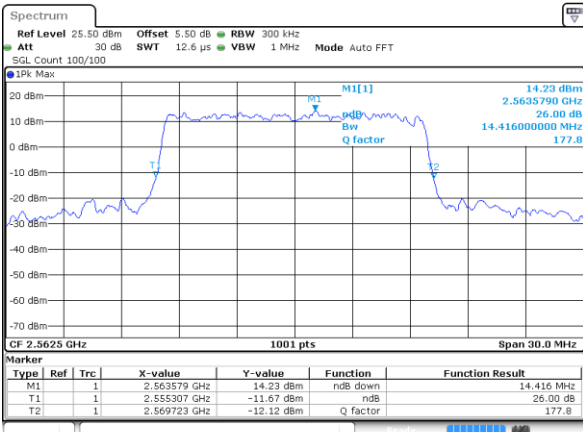
Date: 3 NOV 2017 09:21:58

Middle Channel / 15MHz / 16QAM



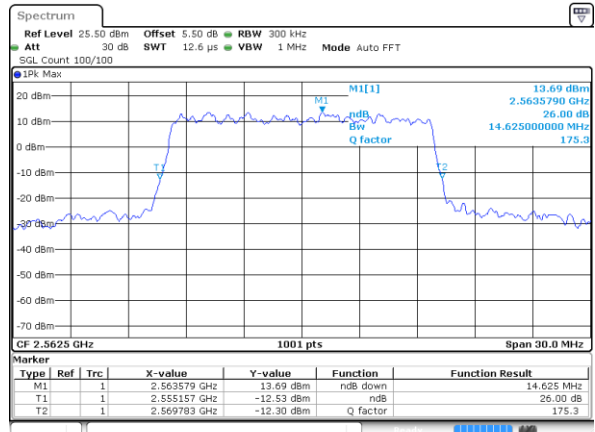
Date: 3 NOV 2017 09:22:18

Highest Channel / 15MHz / QPSK



Date: 3 NOV 2017 09:22:58

Highest Channel / 15MHz / 16QAM

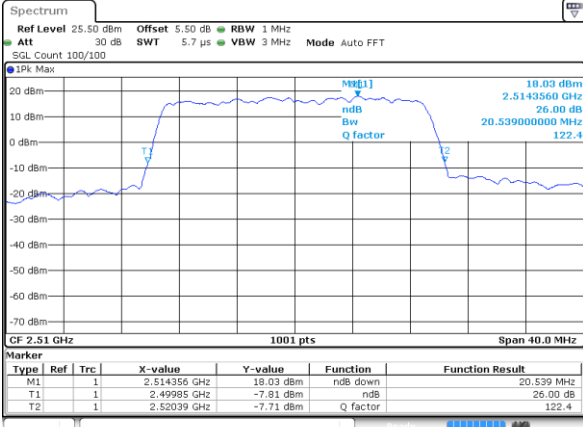


Date: 3 NOV 2017 09:22:38



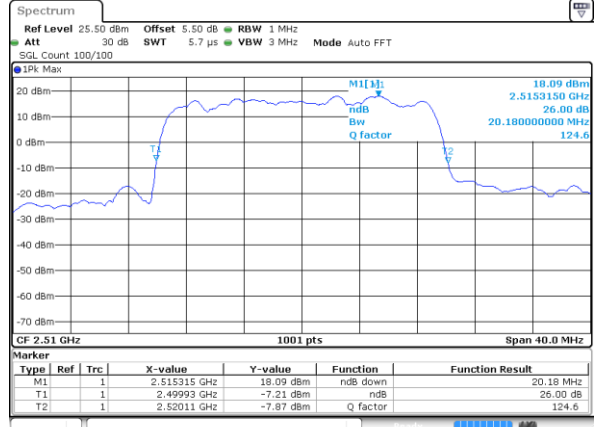
LTE Band 7

Lowest Channel / 20MHz / QPSK



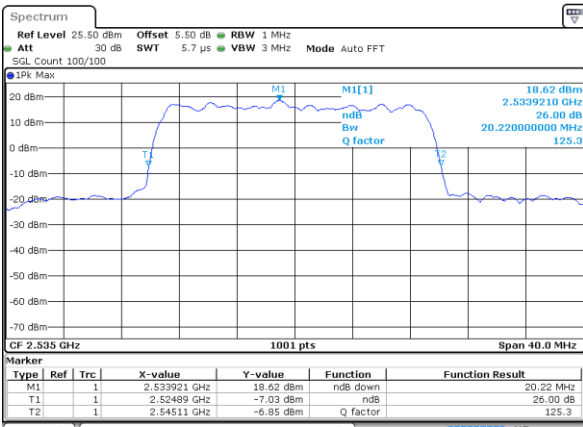
Date: 3 NOV 2017 09:38:03

Lowest Channel / 20MHz / 16QAM



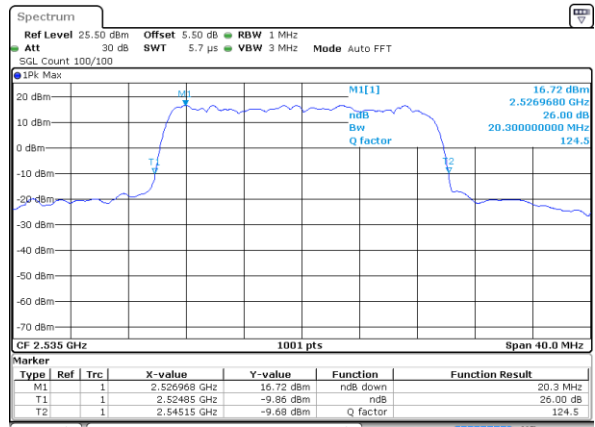
Date: 3 NOV 2017 09:37:43

Middle Channel / 20MHz / QPSK



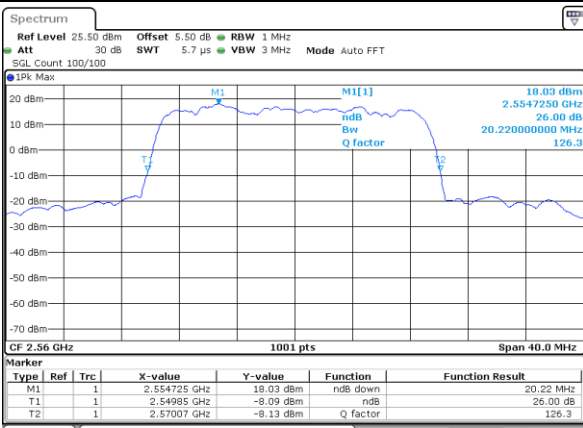
Date: 3 NOV 2017 09:38:23

Middle Channel / 20MHz / 16QAM



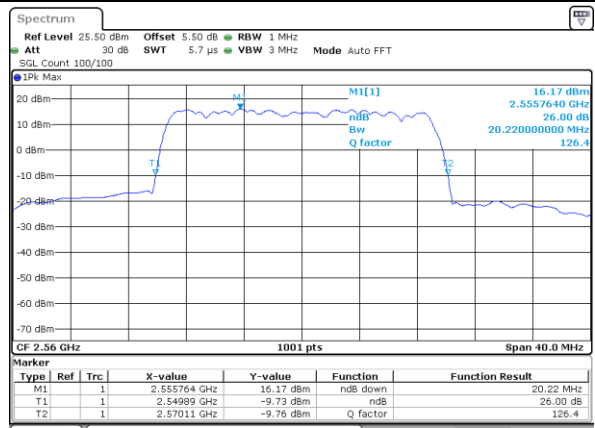
Date: 3 NOV 2017 09:38:43

Highest Channel / 20MHz / QPSK



Date: 3 NOV 2017 09:39:22

Highest Channel / 20MHz / 16QAM

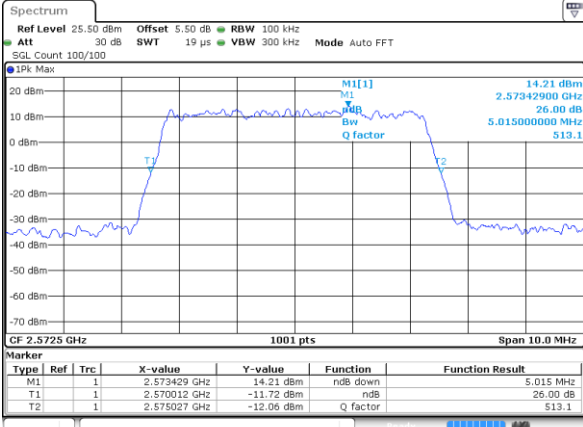


Date: 3 NOV 2017 09:39:02



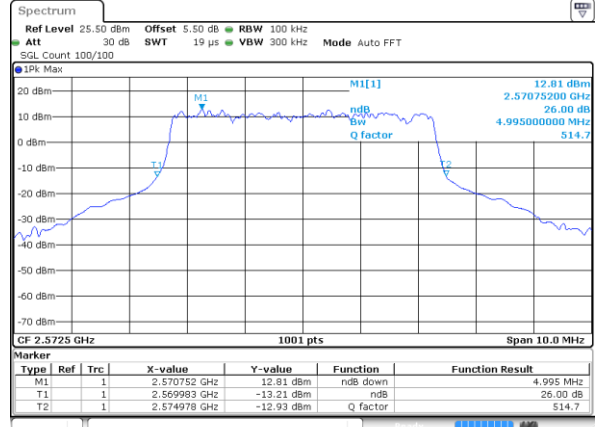
LTE Band 38

Lowest Channel / 5MHz / QPSK



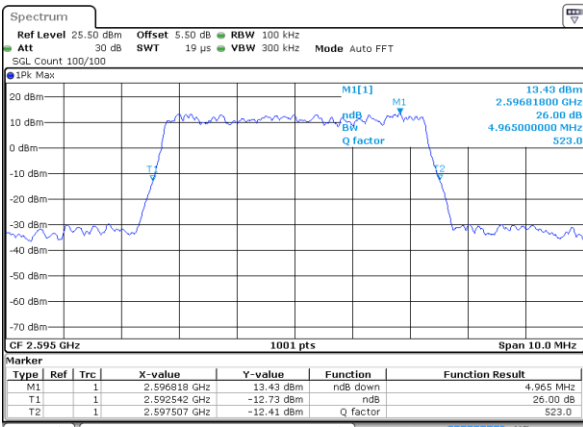
Date: 3 NOV 2017 10:25:08

Lowest Channel / 5MHz / 16QAM



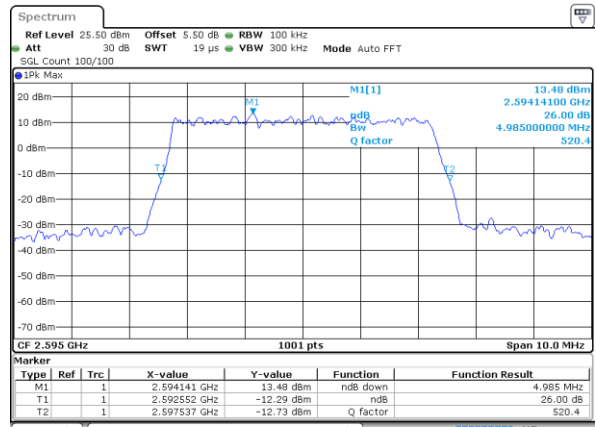
Date: 3 NOV 2017 10:25:18

Middle Channel / 5MHz / QPSK



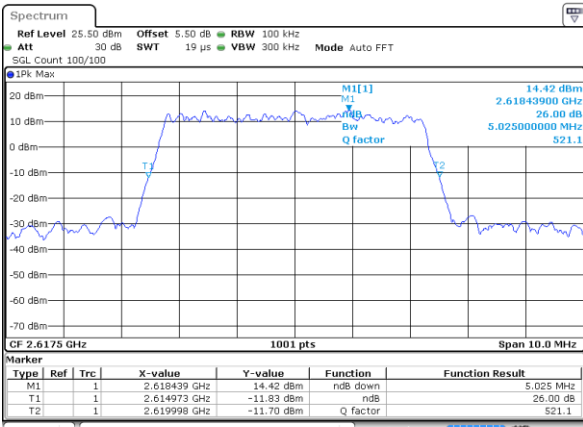
Date: 3 NOV 2017 10:25:48

Middle Channel / 5MHz / 16QAM



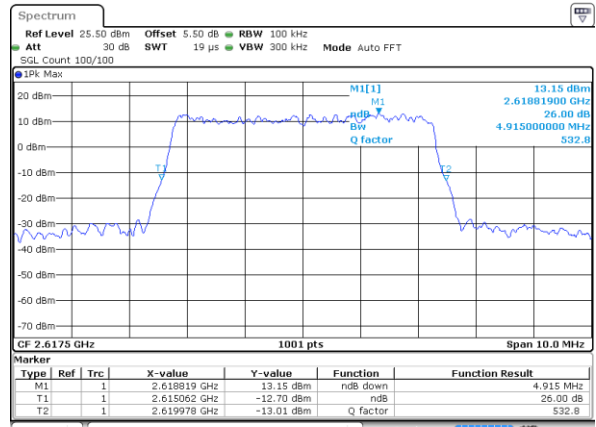
Date: 3 NOV 2017 10:25:58

Highest Channel / 5MHz / QPSK



Date: 3 NOV 2017 10:26:28

Highest Channel / 5MHz / 16QAM

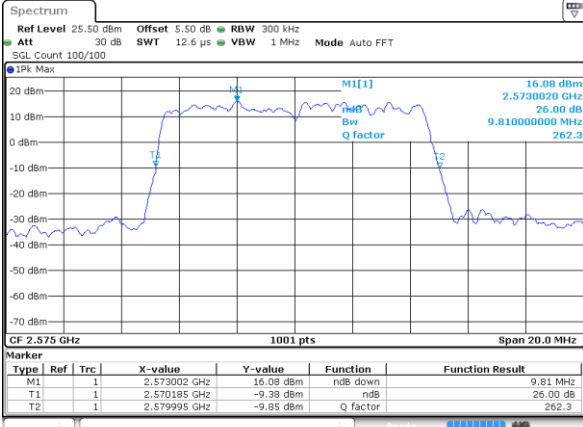


Date: 3 NOV 2017 10:26:38



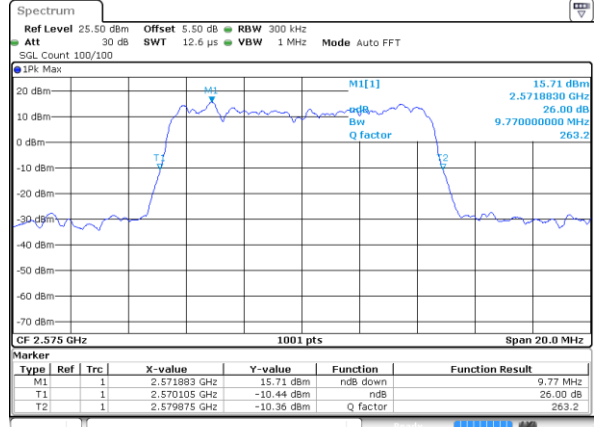
LTE Band 38

Lowest Channel / 10MHz / QPSK



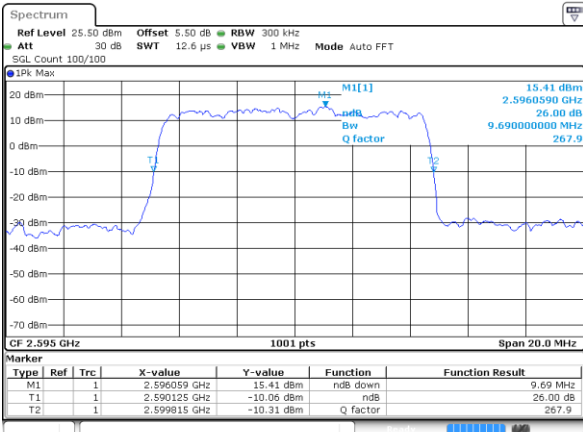
Date: 3 NOV 2017 10:27:26

Lowest Channel / 10MHz / 16QAM



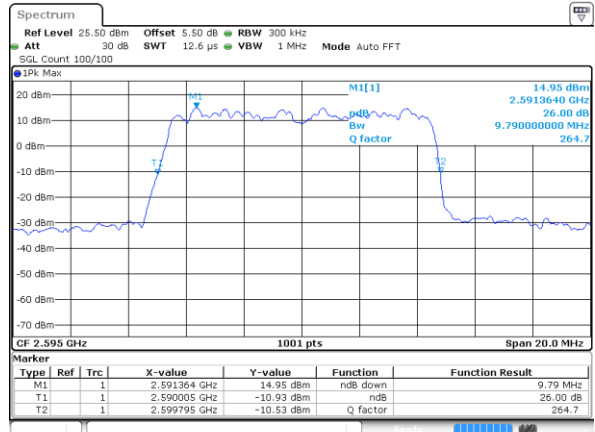
Date: 3 NOV 2017 10:27:36

Middle Channel / 10MHz / QPSK



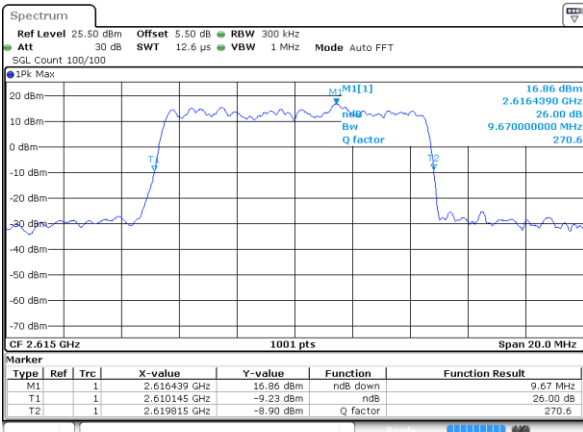
Date: 3 NOV 2017 10:28:05

Middle Channel / 10MHz / 16QAM



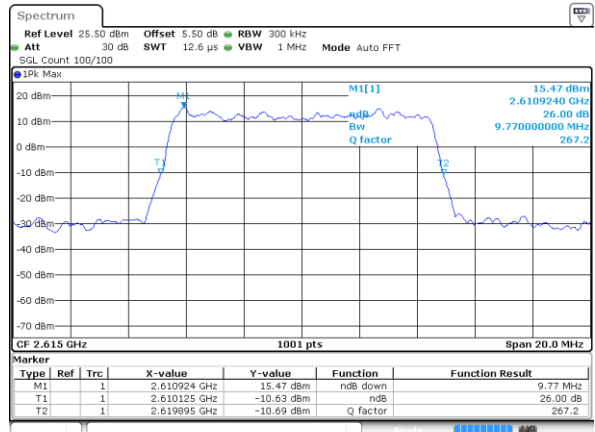
Date: 3 NOV 2017 10:28:15

Highest Channel / 10MHz / QPSK



Date: 3 NOV 2017 10:28:45

Highest Channel / 10MHz / 16QAM

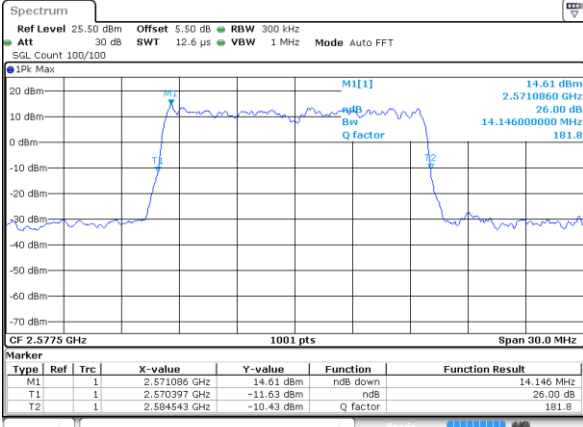


Date: 3 NOV 2017 10:28:55



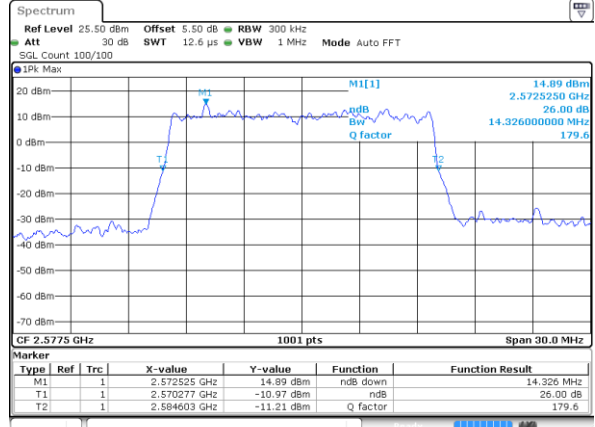
LTE Band 38

Lowest Channel / 15MHz / QPSK



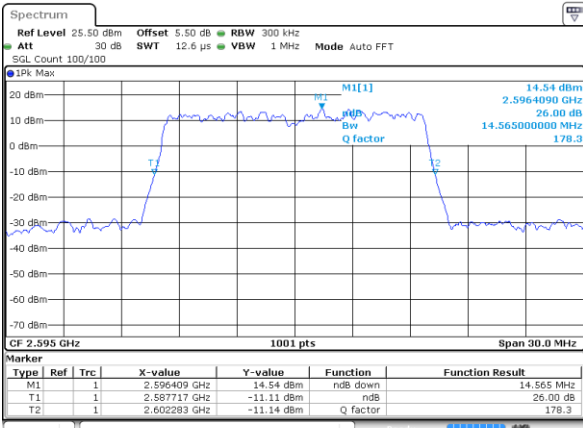
Date: 3 NOV 2017 10:29:24

Lowest Channel / 15MHz / 16QAM



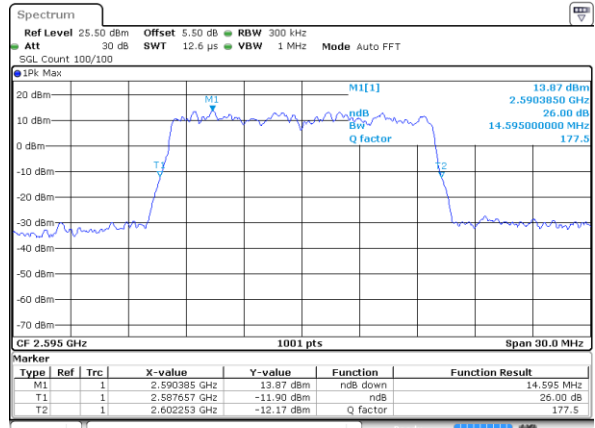
Date: 3 NOV 2017 10:29:34

Middle Channel / 15MHz / QPSK



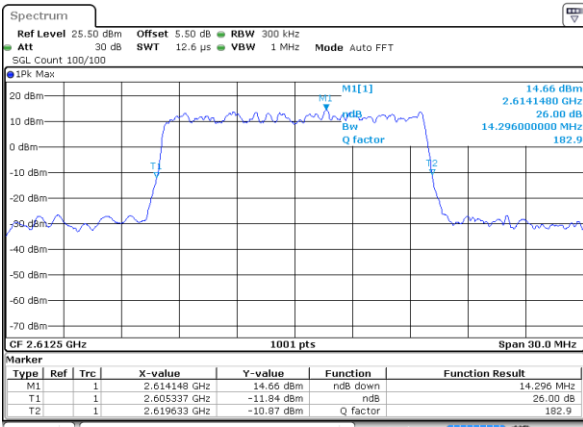
Date: 3 NOV 2017 10:30:04

Middle Channel / 15MHz / 16QAM



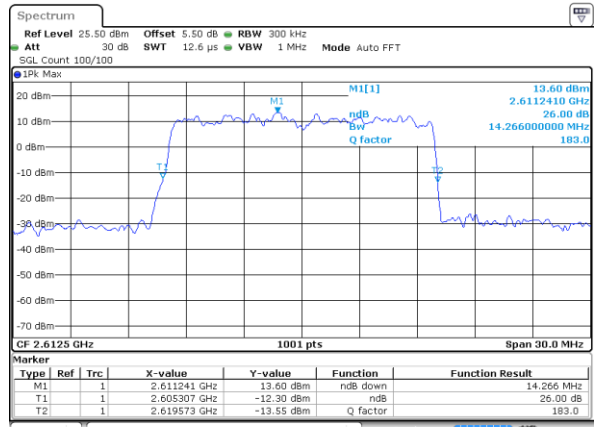
Date: 3 NOV 2017 10:30:14

Highest Channel / 15MHz / QPSK



Date: 3 NOV 2017 10:30:44

Highest Channel / 15MHz / 16QAM

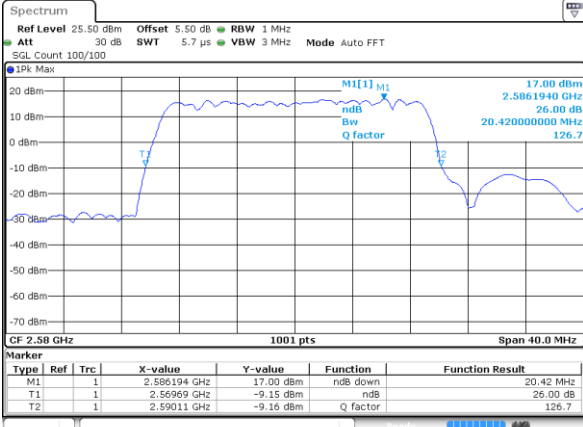


Date: 3 NOV 2017 10:30:54



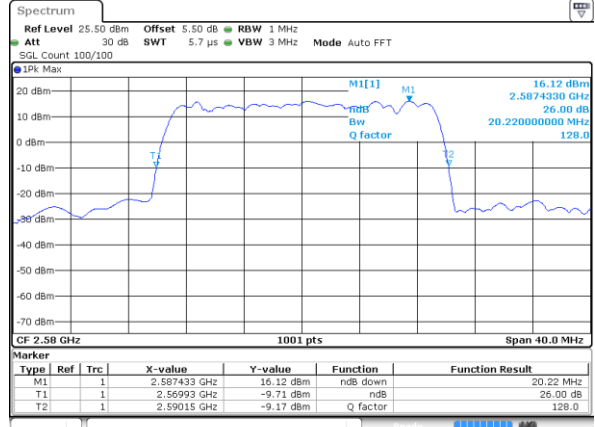
LTE Band 38

Lowest Channel / 20MHz / QPSK



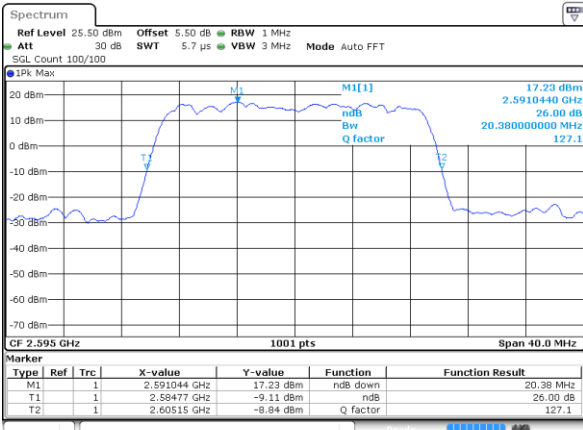
Date: 3 NOV 2017 10:31:23

Lowest Channel / 20MHz / 16QAM



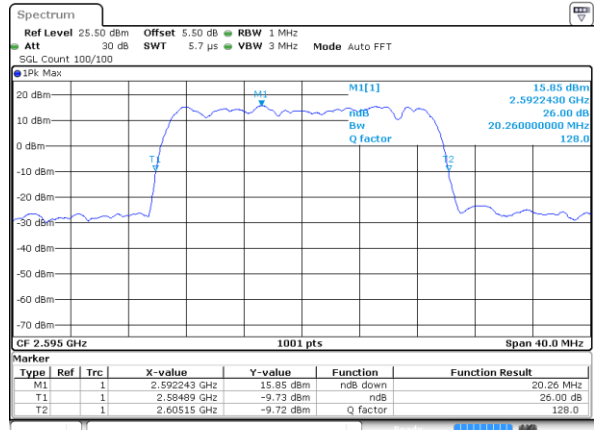
Date: 3 NOV 2017 10:31:33

Middle Channel / 20MHz / QPSK



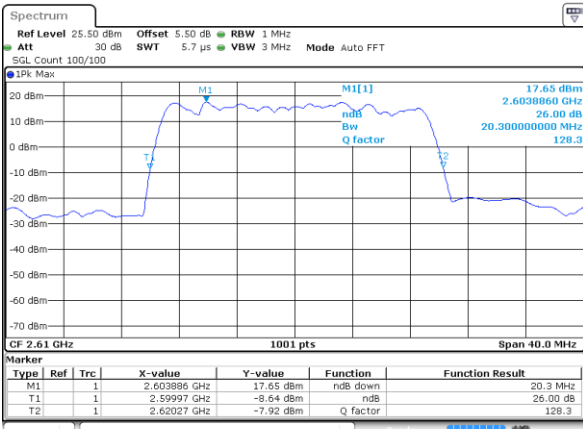
Date: 3 NOV 2017 10:32:03

Middle Channel / 20MHz / 16QAM



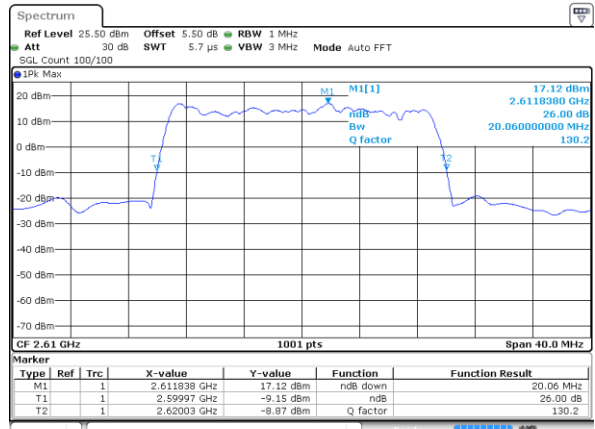
Date: 3 NOV 2017 10:32:13

Highest Channel / 20MHz / QPSK



Date: 3 NOV 2017 10:32:43

Highest Channel / 20MHz / 16QAM



Date: 3 NOV 2017 10:32:53





## 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	1.1	2.72	2.72	4.5	4.51	9.11	8.99	13.46	13.52	18.5	18.38
Middle CH	1.09	1.1	2.7	2.72	4.51	4.5	9.07	9.07	13.46	13.49	18.58	18.5
Highest CH	1.1	1.09	2.72	2.72	4.51	4.49	9.07	9.03	13.43	13.43	18.22	18.1

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	4.5	9.05	9.01	13.46	13.46	18.42	18.46
Middle CH	1.1	1.1	2.71	2.72	4.53	4.5	9.01	8.95	13.4	13.4	18.18	18.34
Highest CH	1.09	1.1	2.71	2.72	4.51	4.49	9.05	9.03	13.46	13.49	18.54	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	1.09	2.72	2.72	4.51	4.51	9.07	9.05	-	-	-	-
Middle CH	1.09	1.09	2.71	2.70	4.51	4.51	9.05	9.03	-	-	-	-
Highest CH	1.10	1.09	2.70	2.71	4.51	4.49	9.11	8.99	-	-	-	-

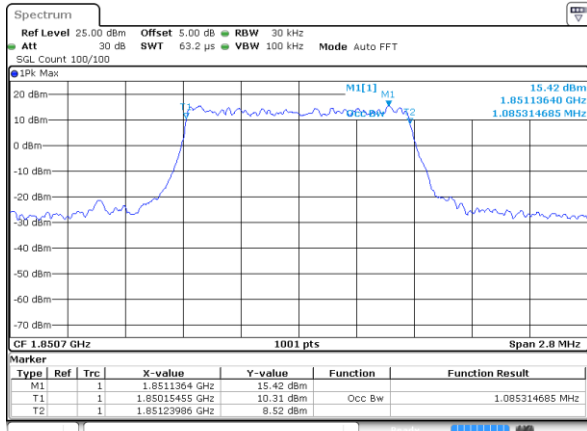
Mode	LTE Band 7 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.49	9.11	9.01	13.46	13.43	18.34	18.34
Middle CH	-	-	-	-	4.50	4.52	9.03	9.03	13.49	13.46	18.42	18.46
Highest CH	-	-	-	-	4.50	4.53	9.07	9.03	13.43	13.49	18.30	18.46

Mode	LTE Band 38 : 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	-	-	-	-	4.53	4.51	9.03	9.03	13.43	13.43	18.38	18.38
Middle CH	-	-	-	-	4.48	4.51	9.07	9.03	13.46	13.43	18.34	18.42
Highest CH	-	-	-	-	4.50	4.49	9.01	9.01	13.49	13.37	18.34	18.26



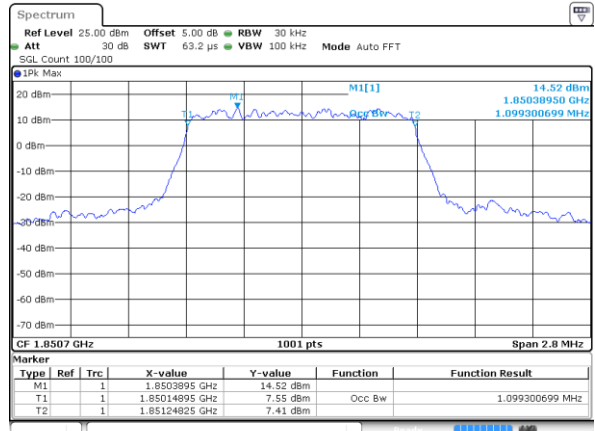
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



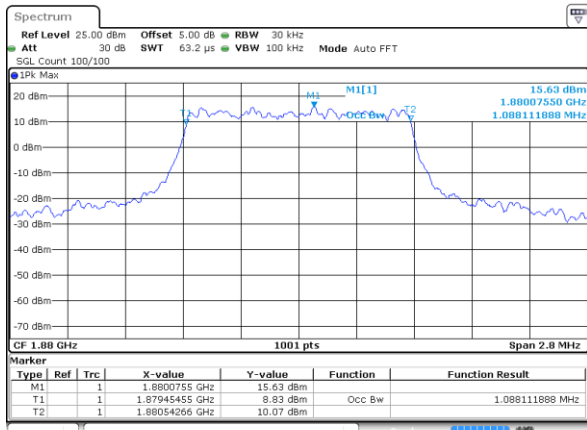
Date: 22 JAN 2018 08:36:44

Lowest Channel / 1.4MHz / 16QAM



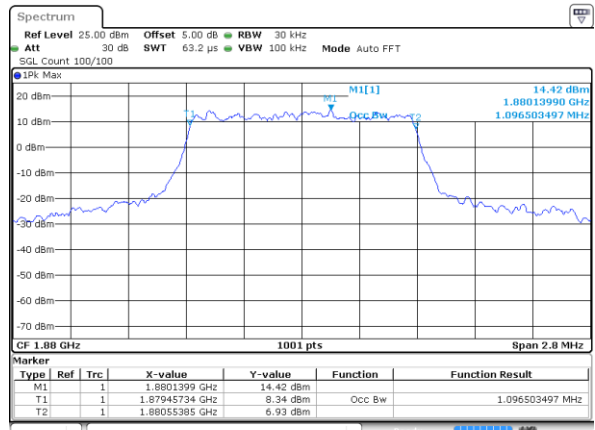
Date: 22 JAN 2018 08:36:55

Middle Channel / 1.4MHz / QPSK



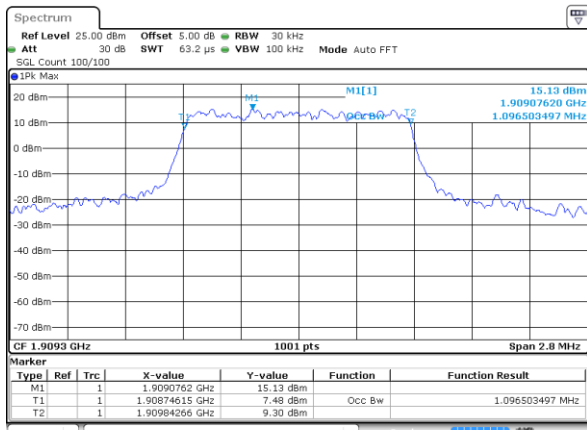
Date: 22 JAN 2018 08:43:54

Middle Channel / 1.4MHz / 16QAM



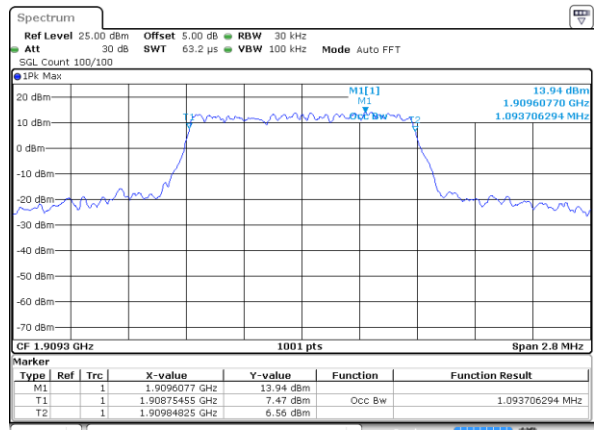
Date: 22 JAN 2018 08:44:05

Highest Channel / 1.4MHz / QPSK



Date: 22 JAN 2018 08:46:26

Highest Channel / 1.4MHz / 16QAM

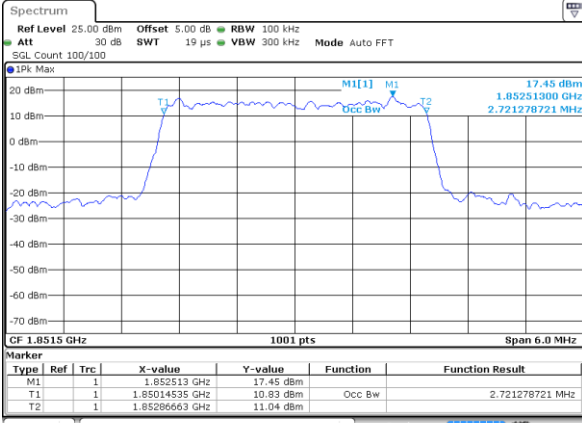


Date: 22 JAN 2018 08:46:37



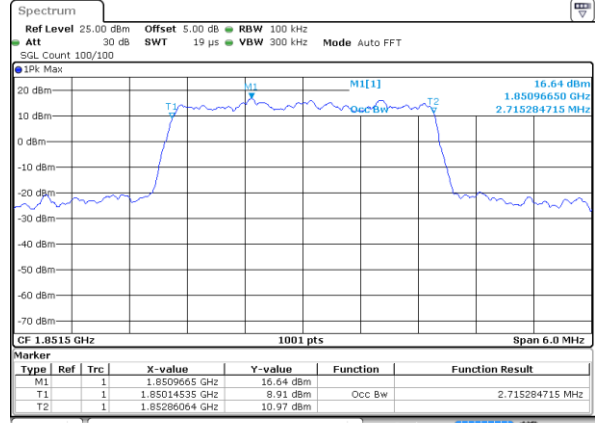
LTE Band 2

Lowest Channel / 3MHz / QPSK



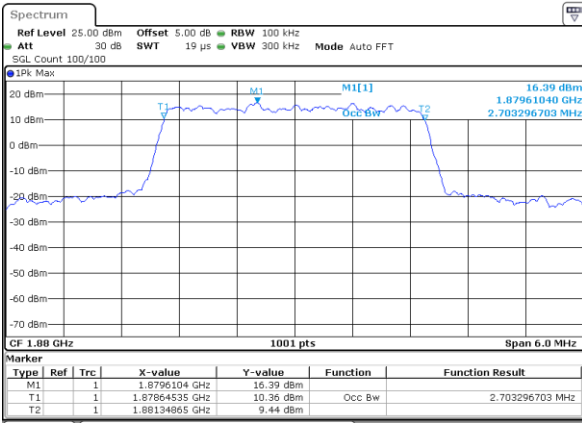
Date: 22 JAN 2018 08:53:35

Lowest Channel / 3MHz / 16QAM



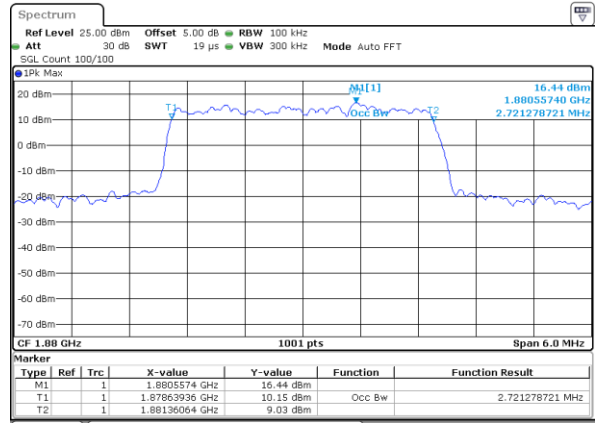
Date: 22 JAN 2018 08:53:46

Middle Channel / 3MHz / QPSK



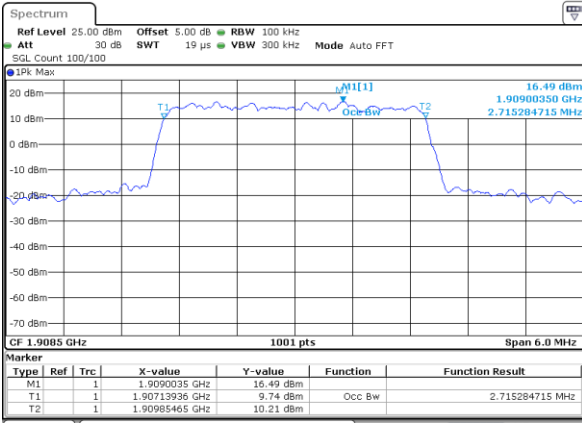
Date: 22 JAN 2018 09:00:45

Middle Channel / 3MHz / 16QAM



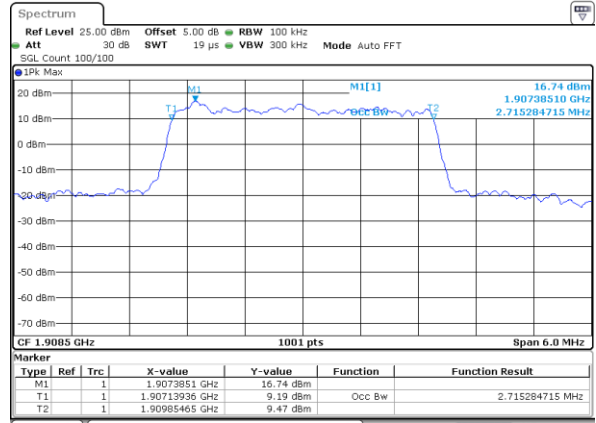
Date: 22 JAN 2018 09:00:55

Highest Channel / 3MHz / QPSK



Date: 22 JAN 2018 09:03:17

Highest Channel / 3MHz / 16QAM

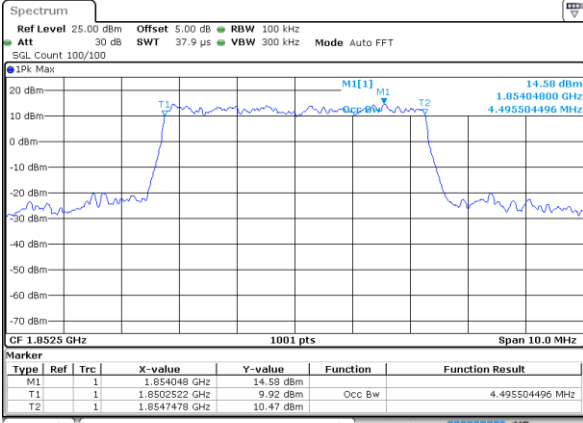


Date: 22 JAN 2018 09:03:27



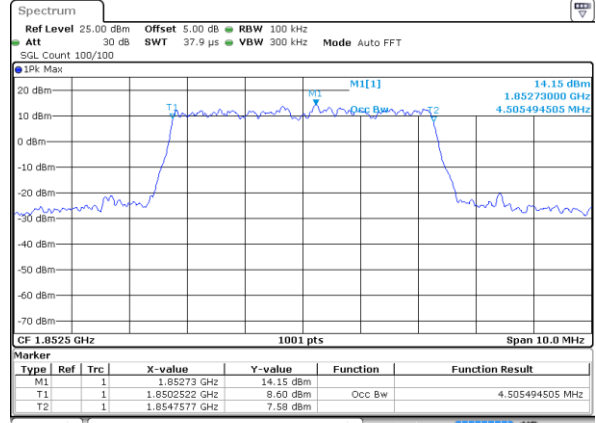
LTE Band 2

Lowest Channel / 5MHz / QPSK



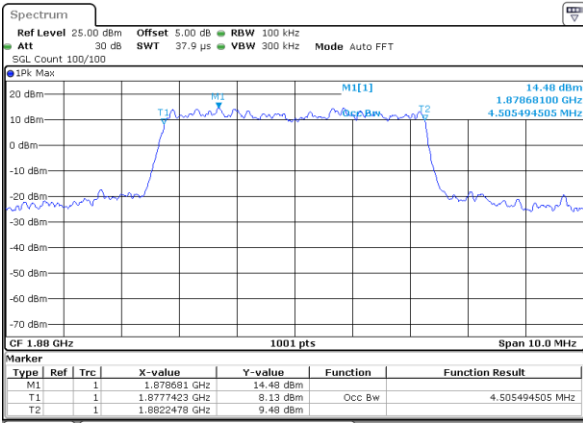
Date: 22 JAN 2018 09:14:28

Lowest Channel / 5MHz / 16QAM



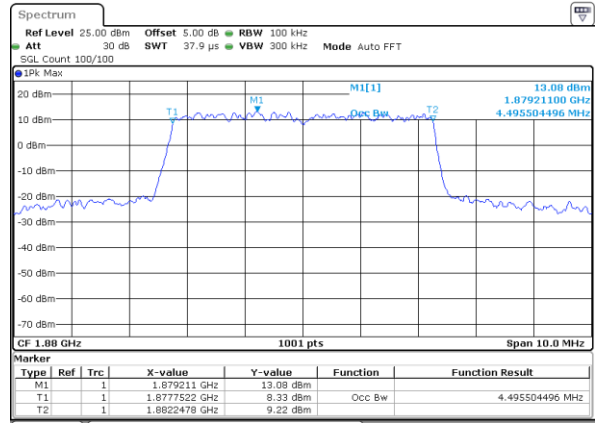
Date: 22 JAN 2018 09:14:39

Middle Channel / 5MHz / QPSK



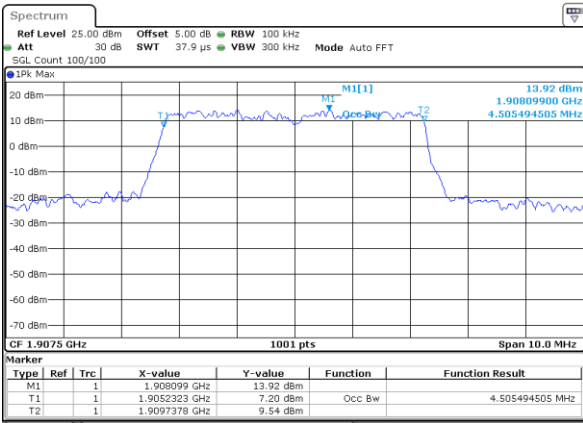
Date: 22 JAN 2018 09:21:38

Middle Channel / 5MHz / 16QAM



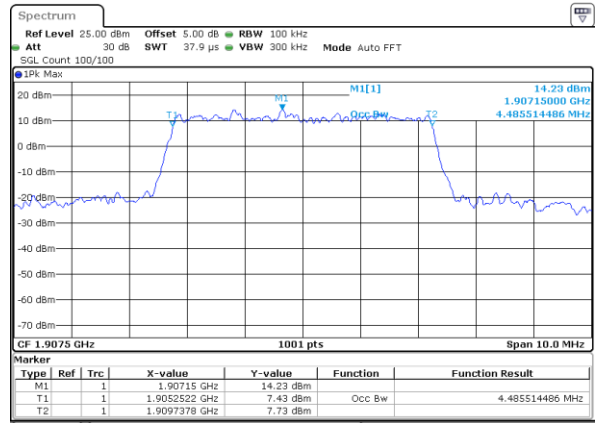
Date: 22 JAN 2018 09:21:49

Highest Channel / 5MHz / QPSK



Date: 22 JAN 2018 09:24:11

Highest Channel / 5MHz / 16QAM

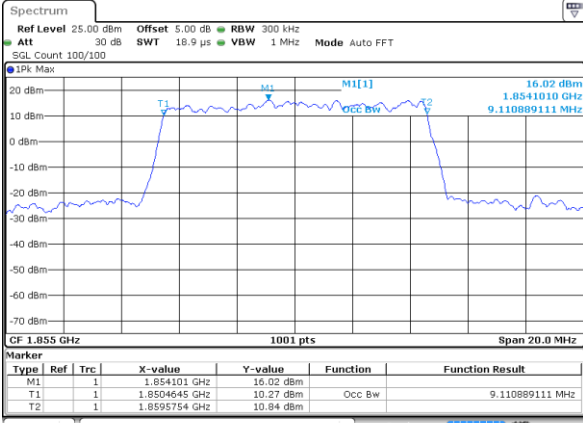


Date: 22 JAN 2018 09:24:21



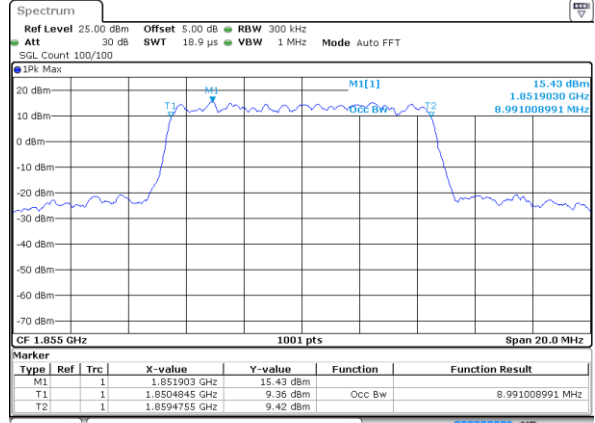
LTE Band 2

Lowest Channel / 10MHz / QPSK



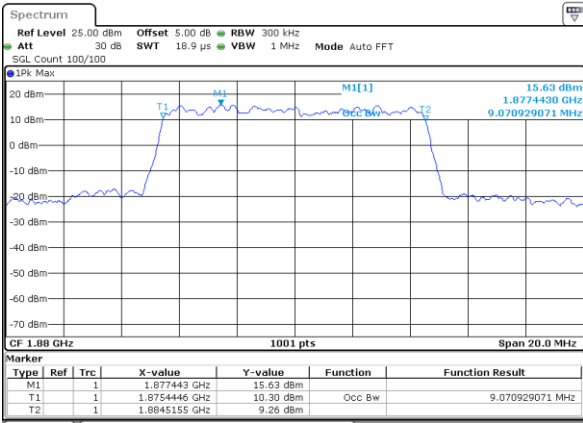
Date: 22 JAN 2018 09:37:19

Lowest Channel / 10MHz / 16QAM



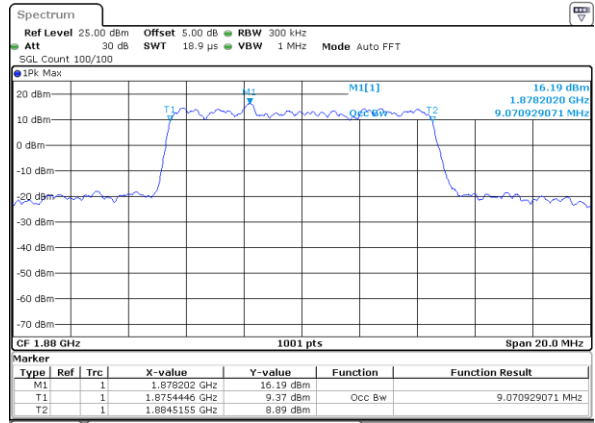
Date: 22 JAN 2018 09:37:30

Middle Channel / 10MHz / QPSK



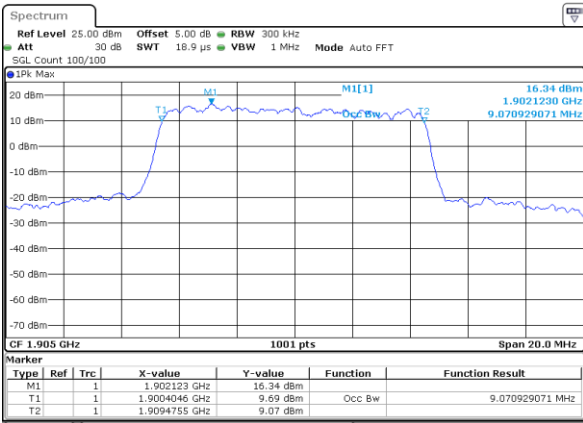
Date: 22 JAN 2018 09:44:28

Middle Channel / 10MHz / 16QAM



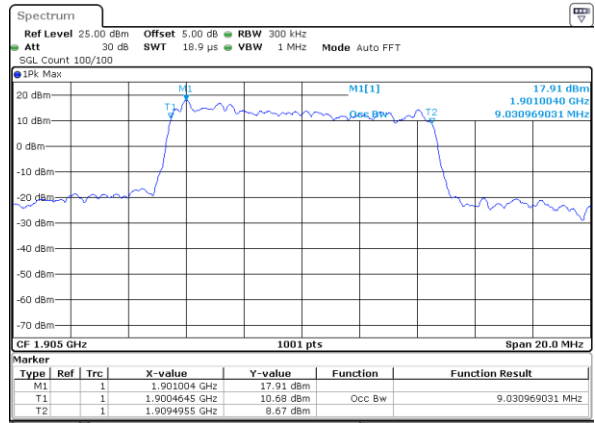
Date: 22 JAN 2018 09:44:39

Highest Channel / 10MHz / QPSK



Date: 22 JAN 2018 09:47:00

Highest Channel / 10MHz / 16QAM

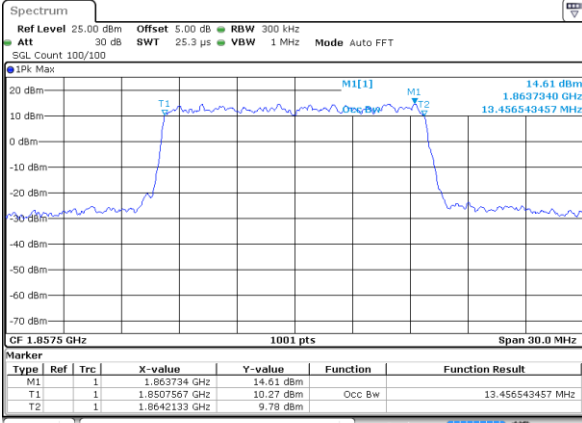


Date: 22 JAN 2018 09:47:11



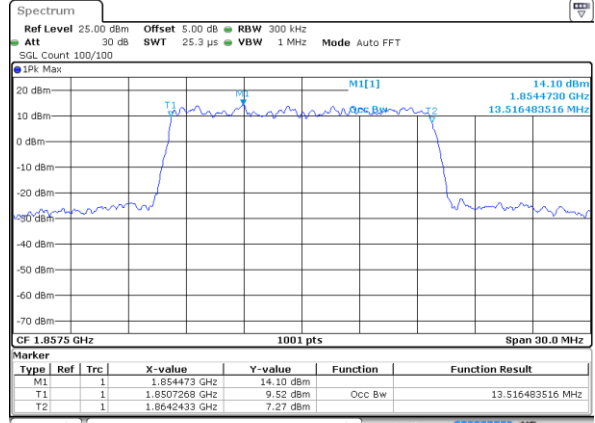
LTE Band 2

Lowest Channel / 15MHz / QPSK



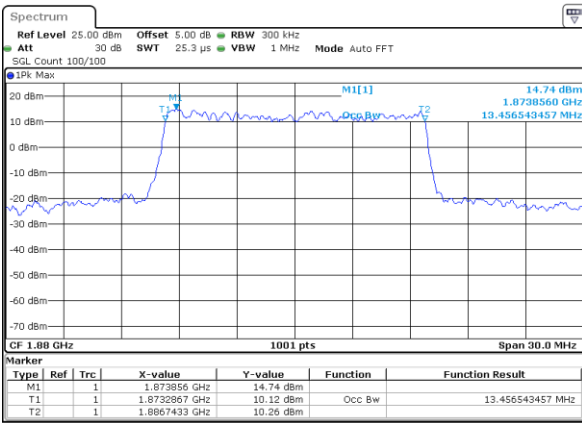
Date: 22 JAN 2018 09:54:10

Lowest Channel / 15MHz / 16QAM



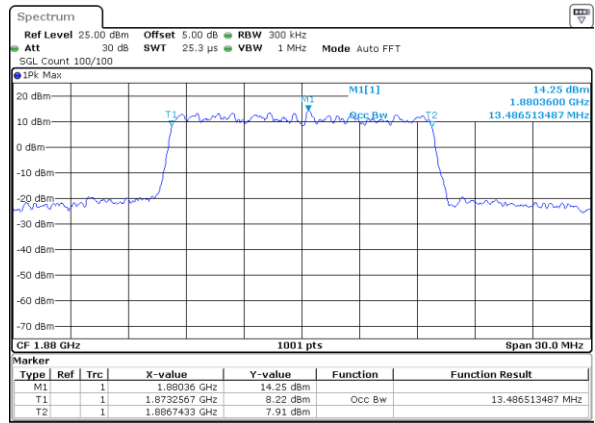
Date: 22 JAN 2018 09:54:21

Middle Channel / 15MHz / QPSK



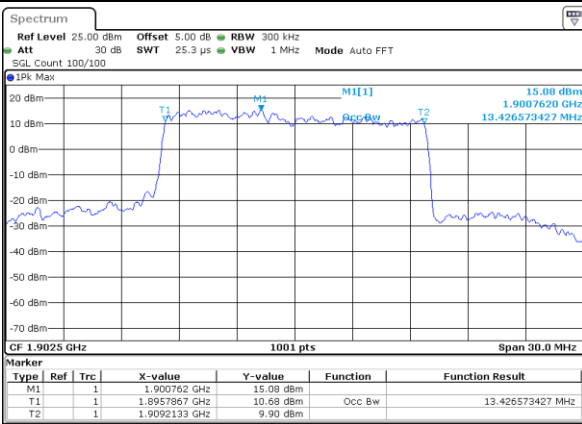
Date: 22 JAN 2018 10:01:19

Middle Channel / 15MHz / 16QAM



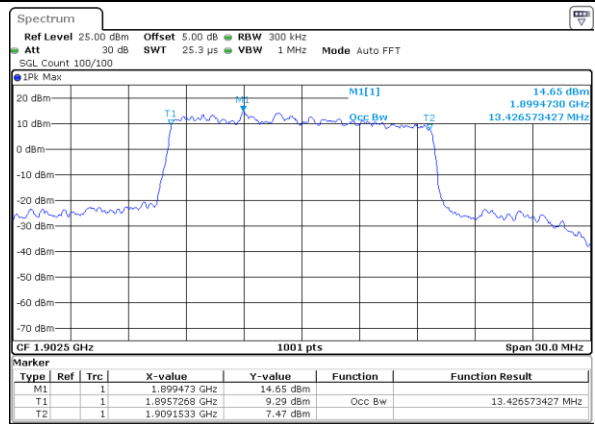
Date: 22 JAN 2018 10:01:30

Highest Channel / 15MHz / QPSK



Date: 22 JAN 2018 10:03:51

Highest Channel / 15MHz / 16QAM

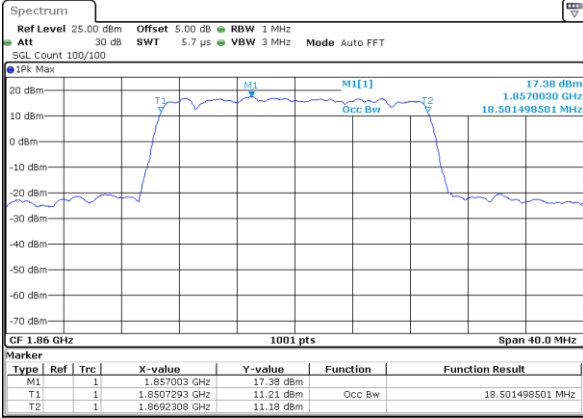


Date: 22 JAN 2018 10:04:02



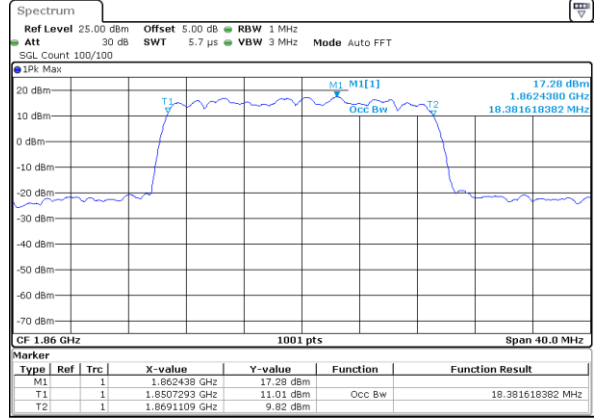
LTE Band 2

Lowest Channel / 20MHz / QPSK



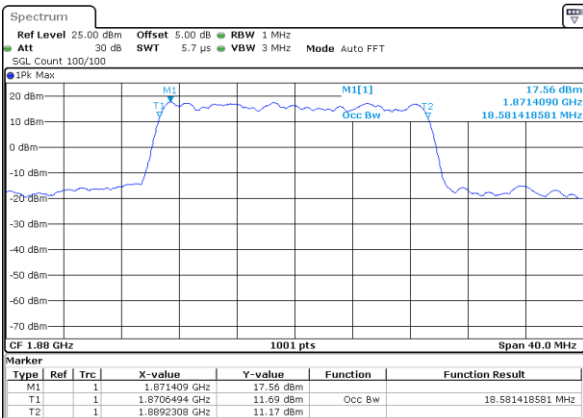
Date: 22 JAN 2018 11:09:40

Lowest Channel / 20MHz / 16QAM



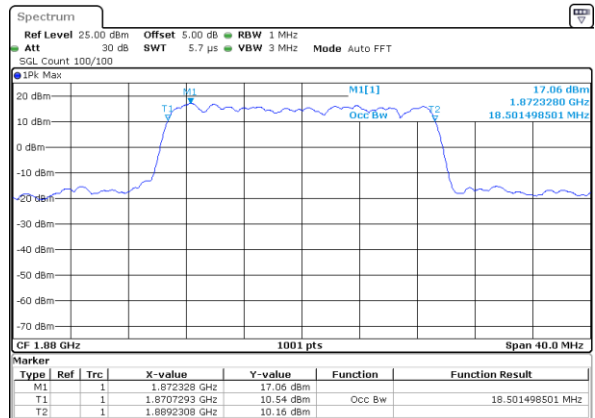
Date: 22 JAN 2018 11:09:51

Middle Channel / 20MHz / QPSK



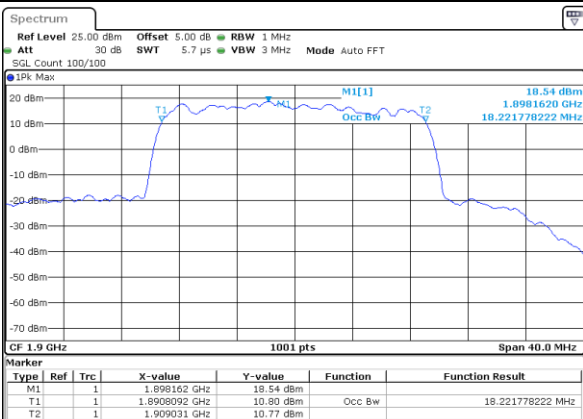
Date: 22 JAN 2018 11:16:48

Middle Channel / 20MHz / 16QAM



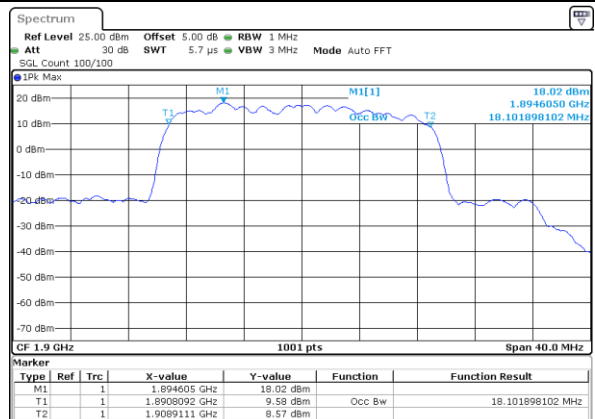
Date: 22 JAN 2018 11:16:57

Highest Channel / 20MHz / QPSK



Date: 22 JAN 2018 11:19:20

Highest Channel / 20MHz / 16QAM

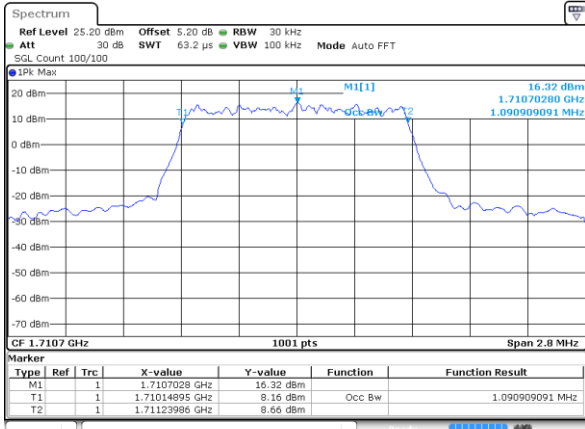


Date: 22 JAN 2018 11:19:32



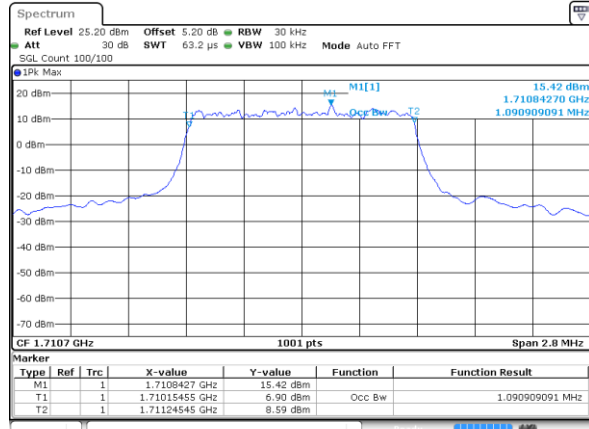
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



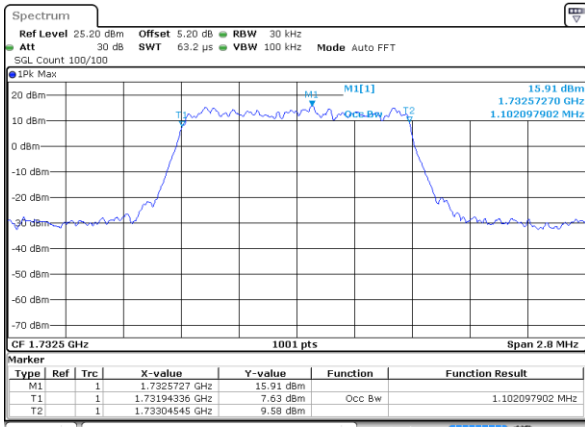
Date: 20 JAN 2018 09:42:20

Lowest Channel / 1.4MHz / 16QAM



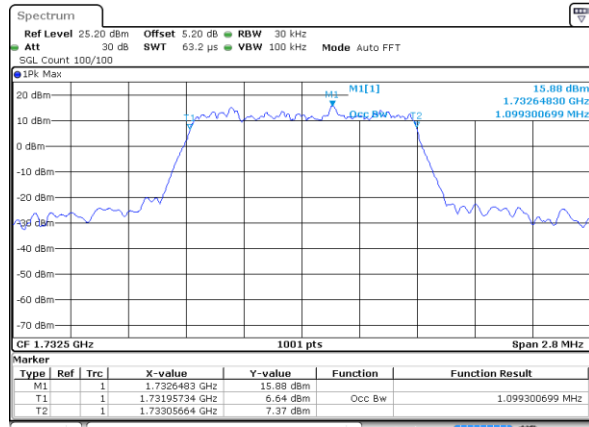
Date: 20 JAN 2018 09:42:30

Middle Channel / 1.4MHz / QPSK



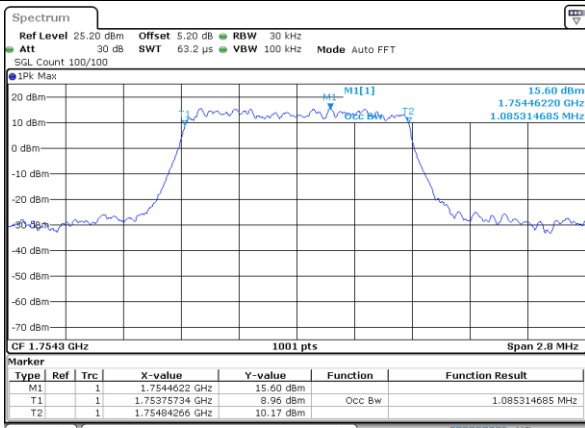
Date: 20 JAN 2018 09:49:19

Middle Channel / 1.4MHz / 16QAM



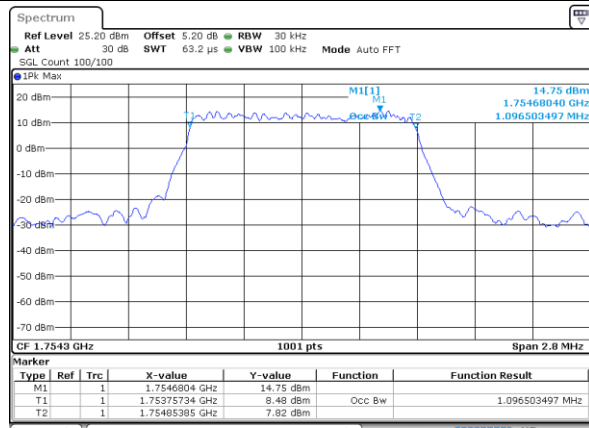
Date: 20 JAN 2018 09:49:29

Highest Channel / 1.4MHz / QPSK



Date: 20 JAN 2018 09:51:48

Highest Channel / 1.4MHz / 16QAM



Date: 20 JAN 2018 09:51:58