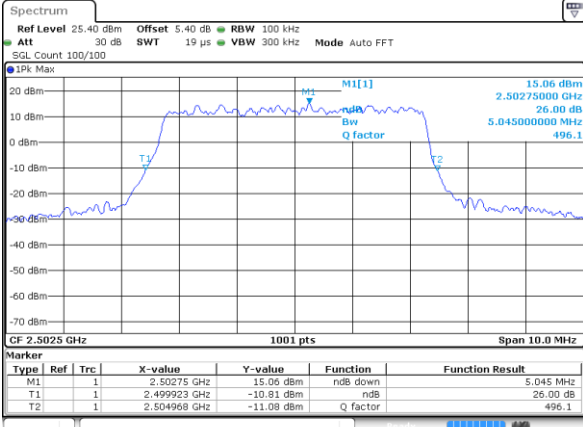




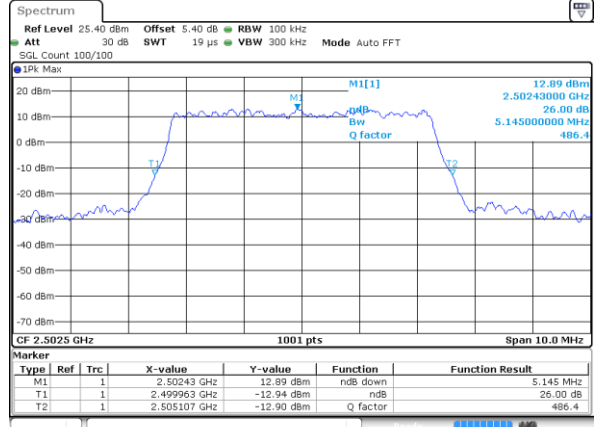
LTE Band 7

Lowest Channel / 5MHz / QPSK



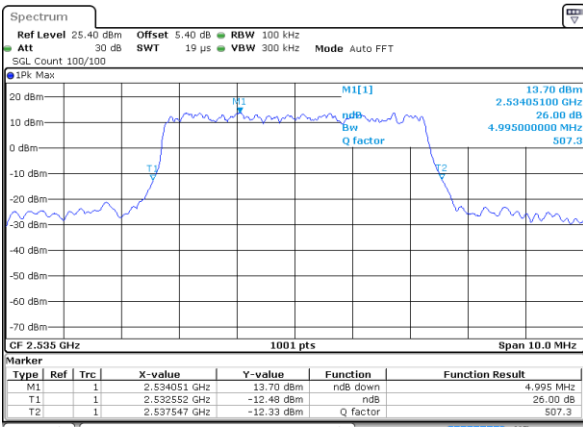
Date: 24 APR 2018 09:57:06

Lowest Channel / 5MHz / 16QAM



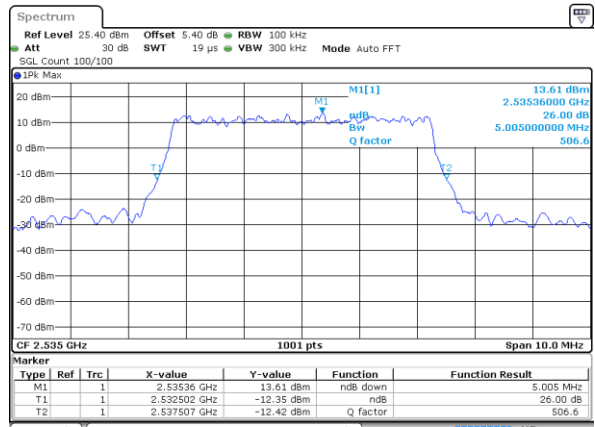
Date: 24 APR 2018 09:57:28

Middle Channel / 5MHz / QPSK



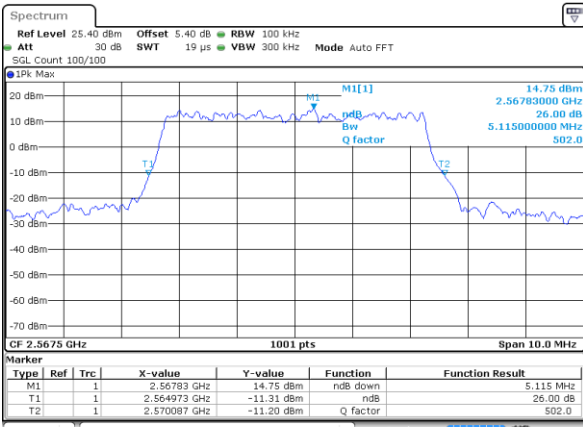
Date: 24 APR 2018 10:06:23

Middle Channel / 5MHz / 16QAM



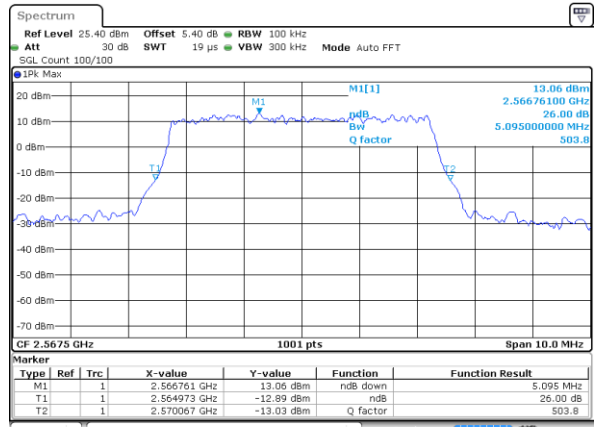
Date: 24 APR 2018 10:06:02

Highest Channel / 5MHz / QPSK



Date: 24 APR 2018 10:06:44

Highest Channel / 5MHz / 16QAM

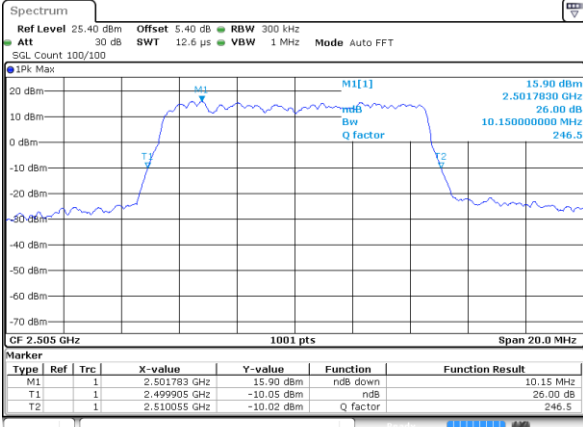


Date: 24 APR 2018 10:07:06



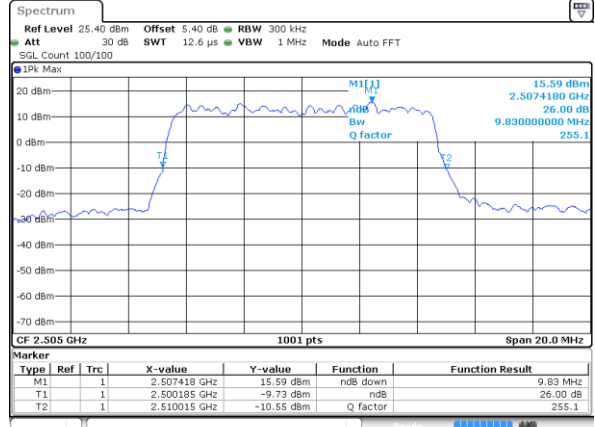
LTE Band 7

Lowest Channel / 10MHz / QPSK



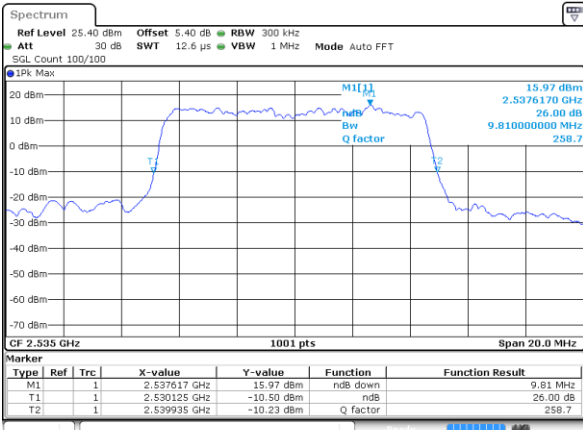
Date: 24 APR 2018 10:13:50

Lowest Channel / 10MHz / 16QAM



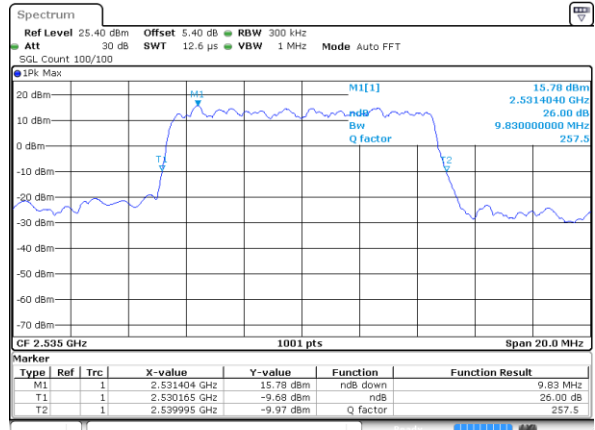
Date: 24 APR 2018 10:14:11

Middle Channel / 10MHz / QPSK



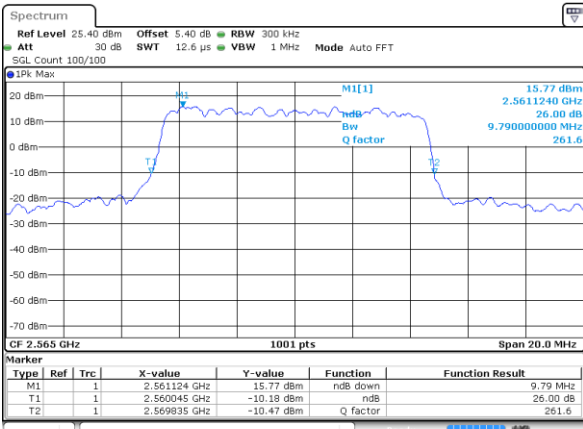
Date: 24 APR 2018 10:23:05

Middle Channel / 10MHz / 16QAM



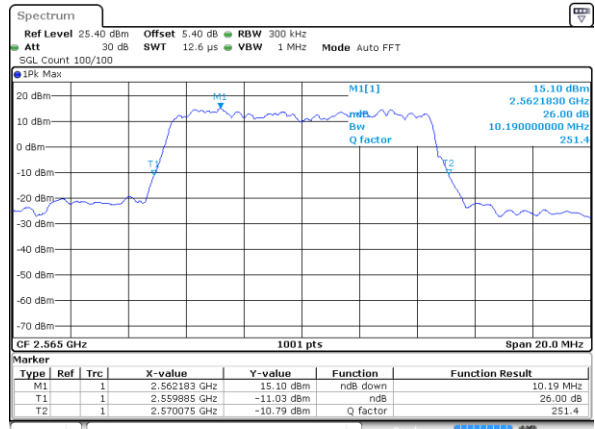
Date: 24 APR 2018 10:22:44

Highest Channel / 10MHz / QPSK



Date: 24 APR 2018 10:23:27

Highest Channel / 10MHz / 16QAM

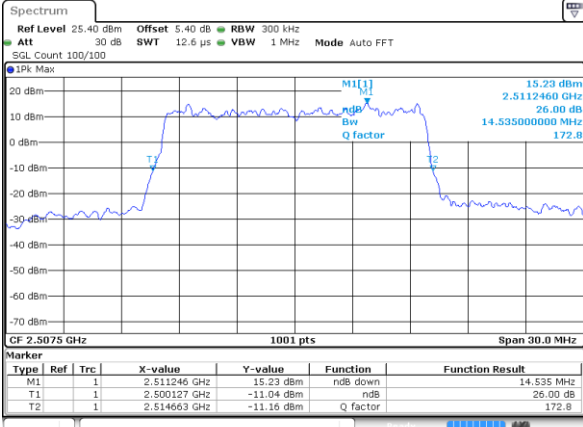


Date: 24 APR 2018 10:23:48



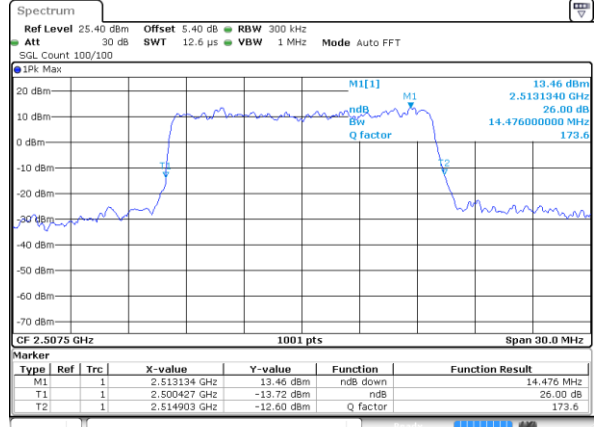
LTE Band 7

Lowest Channel / 15MHz / QPSK



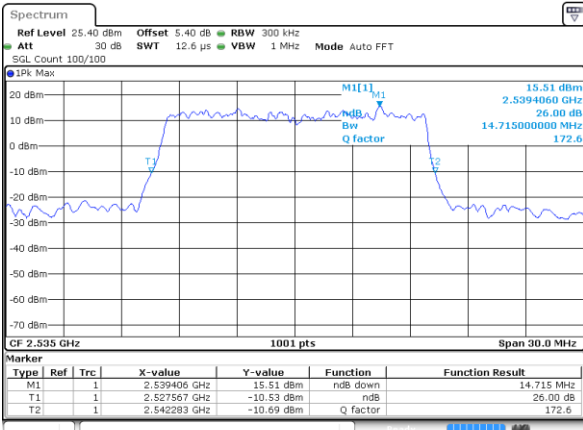
Date: 24 APR 2018 10:30:32

Lowest Channel / 15MHz / 16QAM



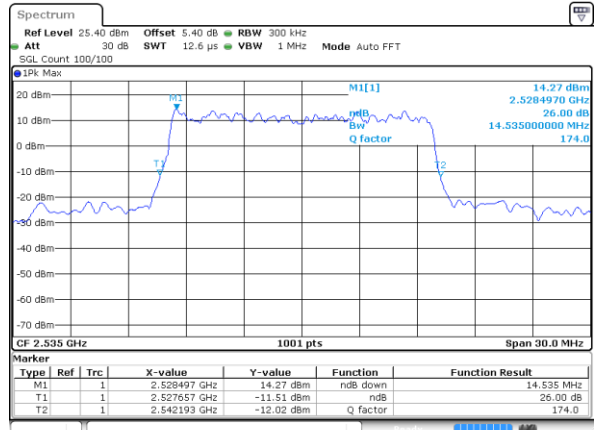
Date: 24 APR 2018 10:30:53

Middle Channel / 15MHz / QPSK



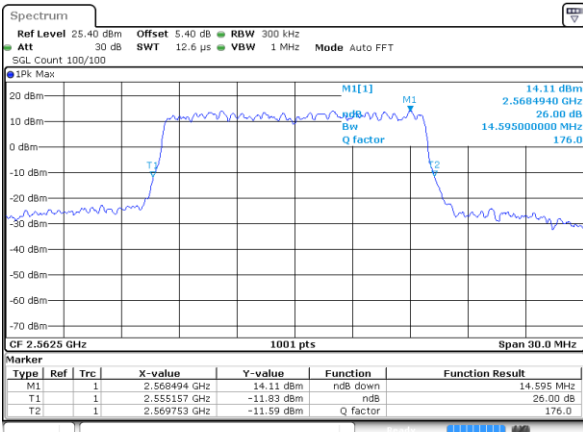
Date: 24 APR 2018 10:39:47

Middle Channel / 15MHz / 16QAM



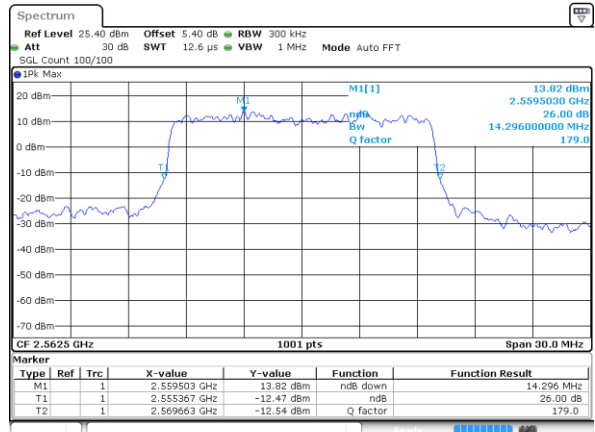
Date: 24 APR 2018 10:39:26

Highest Channel / 15MHz / QPSK



Date: 24 APR 2018 10:40:09

Highest Channel / 15MHz / 16QAM

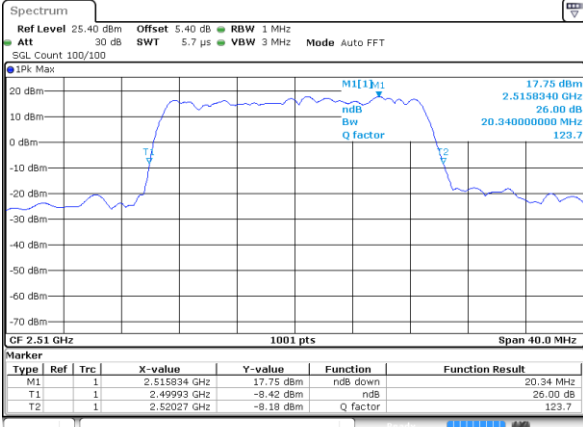


Date: 24 APR 2018 10:40:30



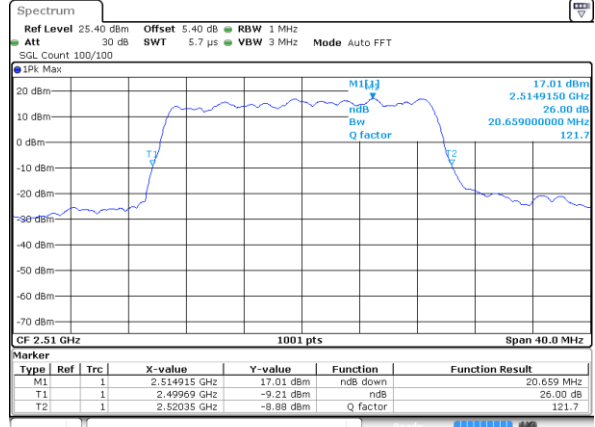
LTE Band 7

Lowest Channel / 20MHz / QPSK



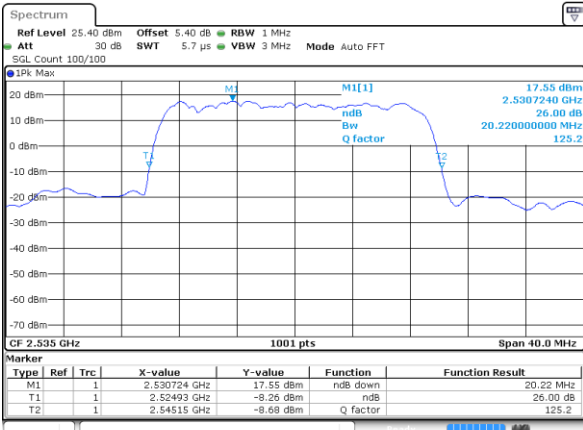
Date: 24 APR 2018 10:47:14

Lowest Channel / 20MHz / 16QAM



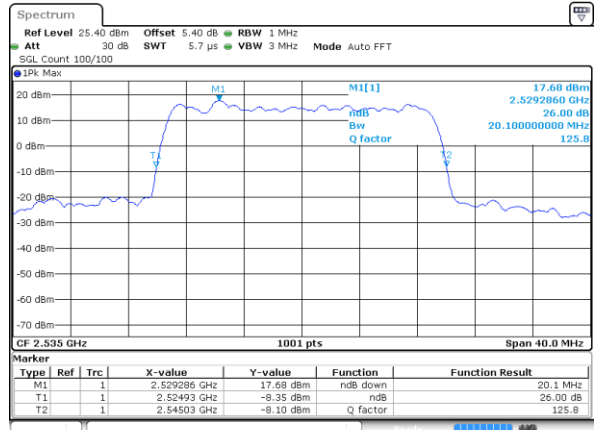
Date: 24 APR 2018 10:47:35

Middle Channel / 20MHz / QPSK



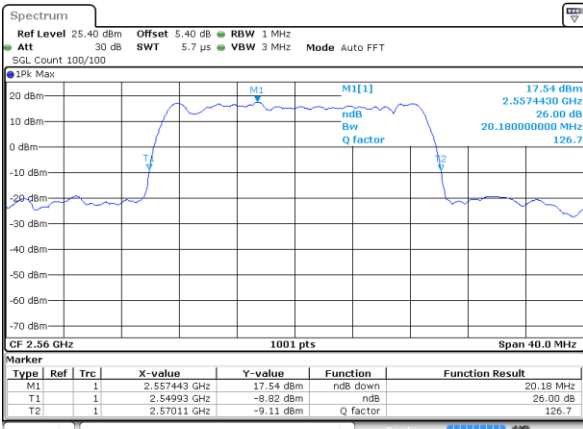
Date: 24 APR 2018 10:56:29

Middle Channel / 20MHz / 16QAM



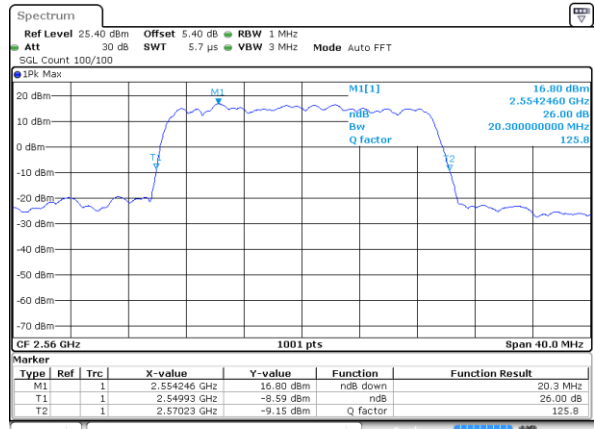
Date: 24 APR 2018 10:56:08

Highest Channel / 20MHz / QPSK



Date: 24 APR 2018 10:56:51

Highest Channel / 20MHz / 16QAM

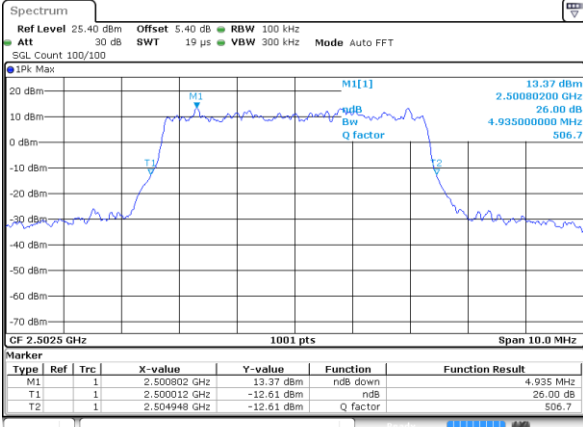


Date: 24 APR 2018 10:57:12



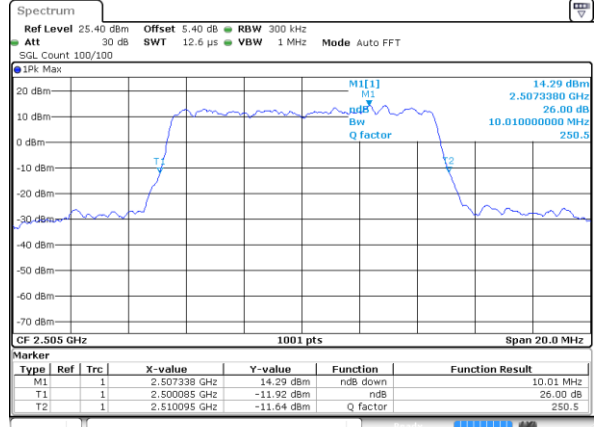
LTE Band 7

Lowest Channel / 5MHz / 64QAM



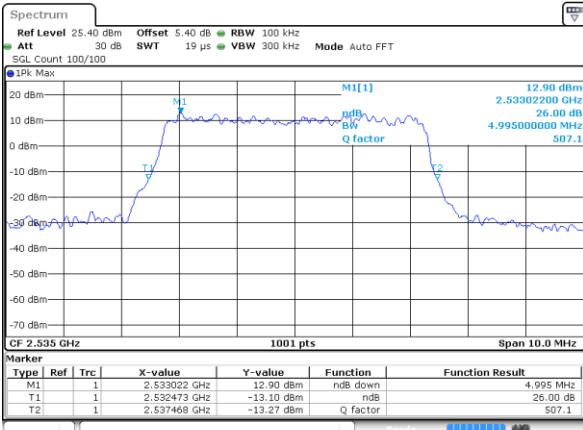
Date: 24 APR 2018 11:07:50

Lowest Channel / 10MHz / 64QAM



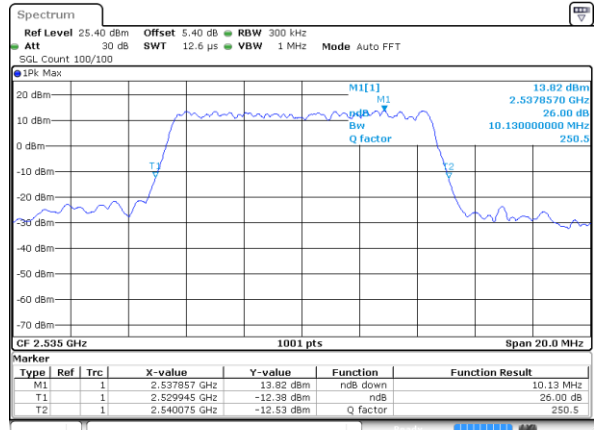
Date: 24 APR 2018 11:08:55

Middle Channel / 5MHz / 64QAM



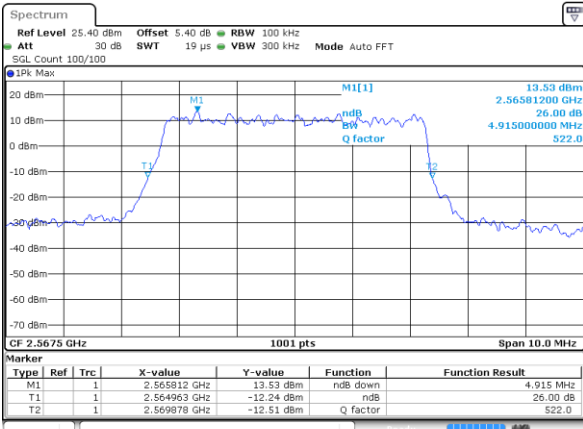
Date: 24 APR 2018 11:08:12

Middle Channel / 10MHz / 64QAM



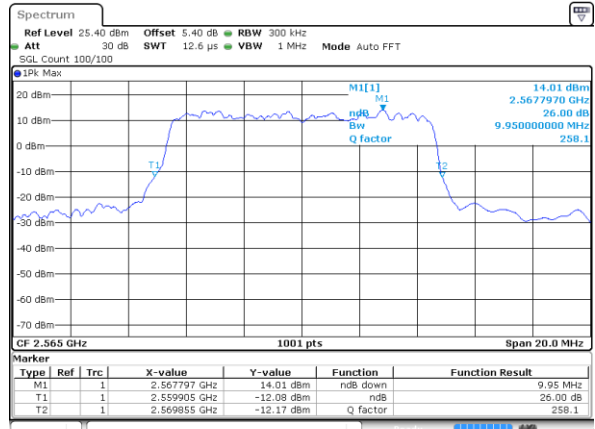
Date: 24 APR 2018 11:09:16

Highest Channel / 5MHz / 64QAM



Date: 24 APR 2018 11:08:33

Highest Channel / 10MHz / 64QAM

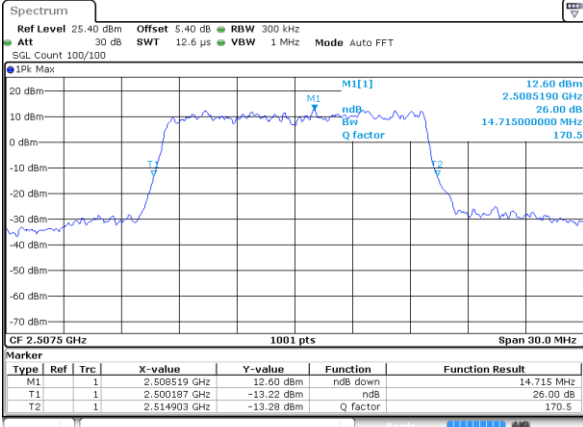


Date: 24 APR 2018 11:09:37



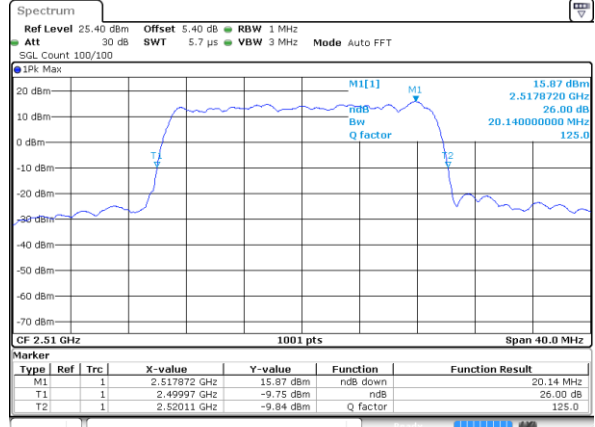
LTE Band 7

Lowest Channel / 15MHz / 64QAM



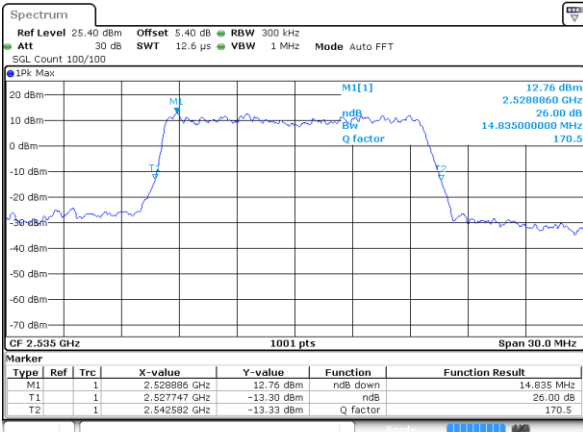
Date: 24 APR 2018 11:09:59

Lowest Channel / 20MHz / 64QAM



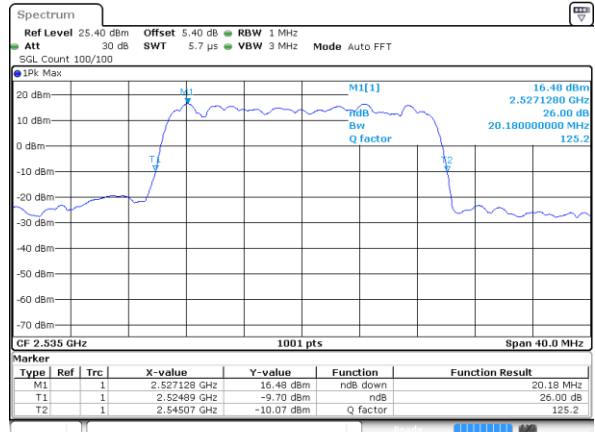
Date: 24 APR 2018 11:11:03

Middle Channel / 15MHz / 64QAM



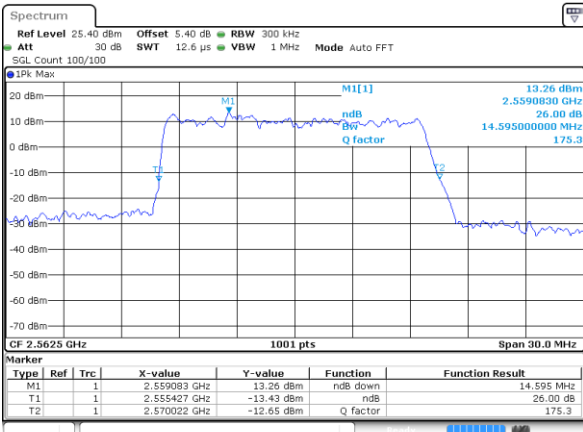
Date: 24 APR 2018 11:10:20

Middle Channel / 20MHz / 64QAM



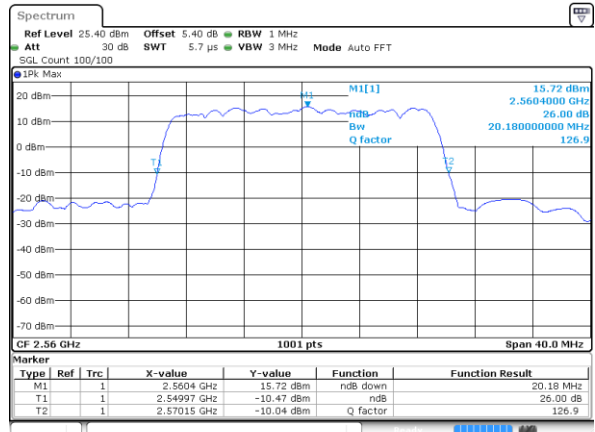
Date: 24 APR 2018 11:11:25

Highest Channel / 15MHz / 64QAM



Date: 24 APR 2018 11:10:42

Highest Channel / 20MHz / 64QAM

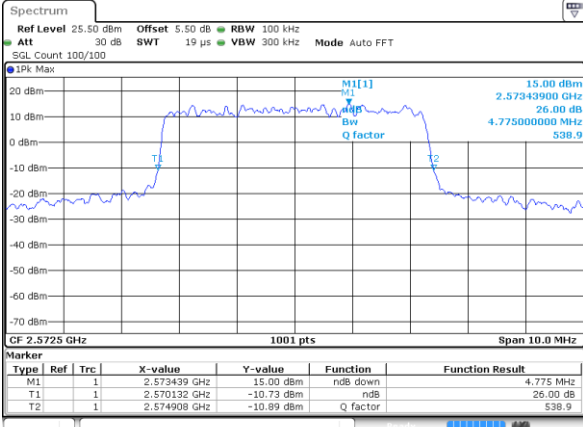


Date: 24 APR 2018 11:11:46



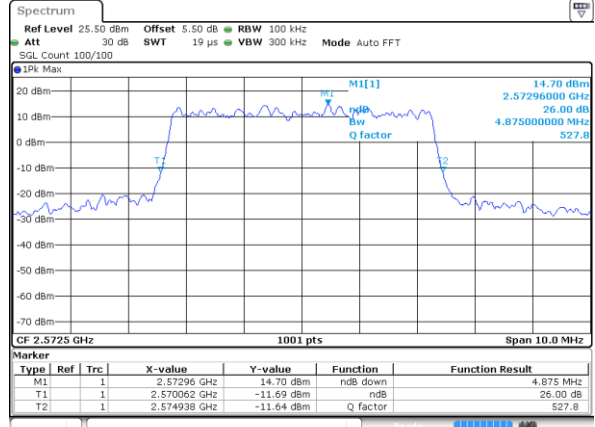
LTE Band 38

Lowest Channel / 5MHz / QPSK



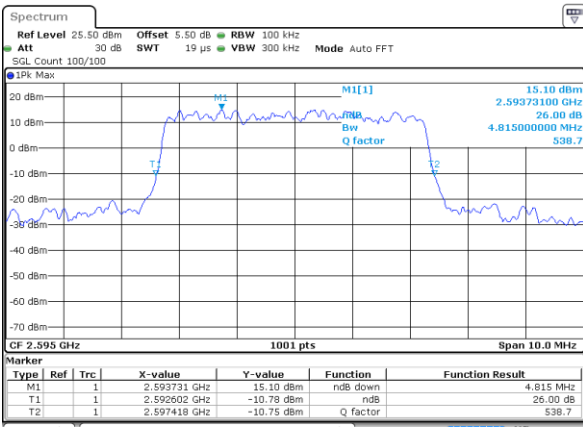
Date: 24 APR 2018 19:20:11

Lowest Channel / 5MHz / 16QAM



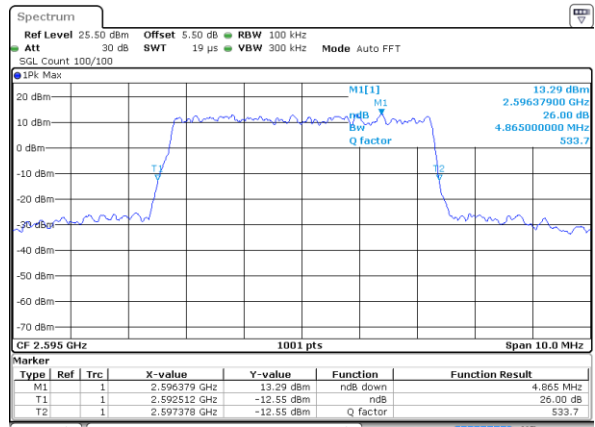
Date: 24 APR 2018 19:20:22

Middle Channel / 5MHz / QPSK



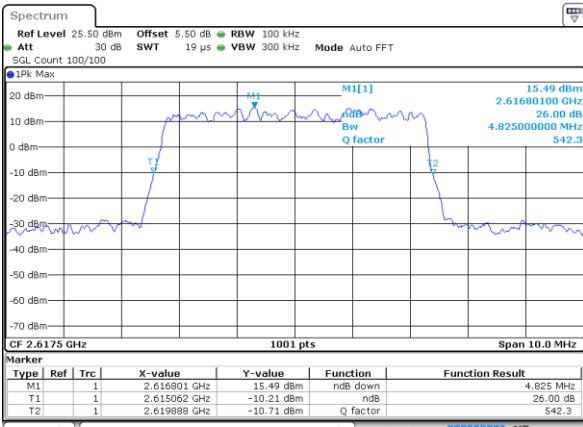
Date: 24 APR 2018 19:20:54

Middle Channel / 5MHz / 16QAM



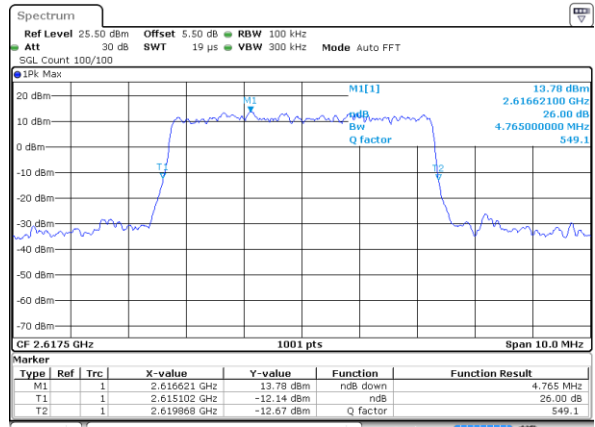
Date: 24 APR 2018 19:21:04

Highest Channel / 5MHz / QPSK



Date: 24 APR 2018 19:21:36

Highest Channel / 5MHz / 16QAM

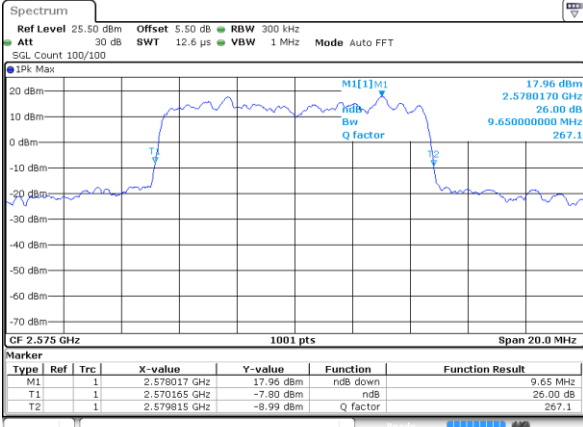


Date: 24 APR 2018 19:21:47



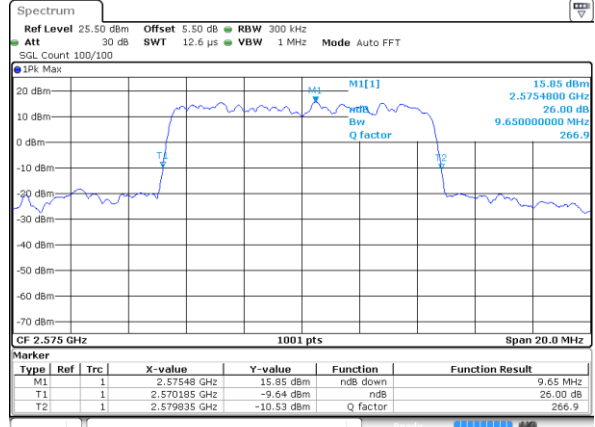
LTE Band 38

Lowest Channel / 10MHz / QPSK



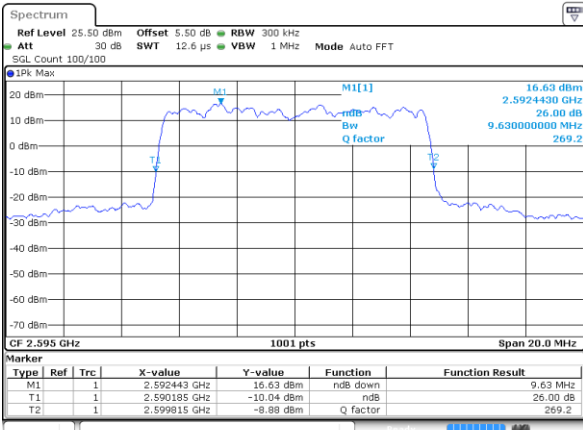
Date: 24 APR 2018 19:22:19

Lowest Channel / 10MHz / 16QAM



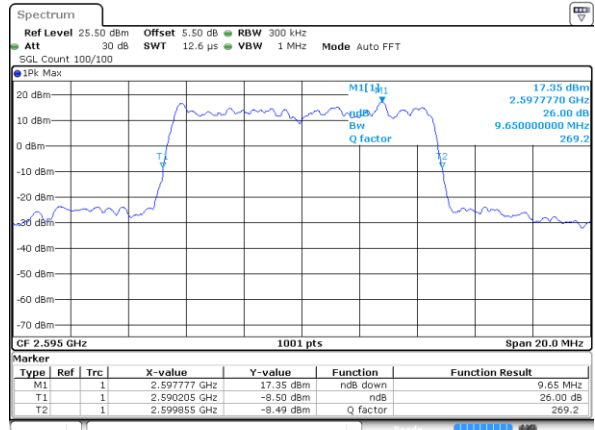
Date: 24 APR 2018 19:22:30

Middle Channel / 10MHz / QPSK



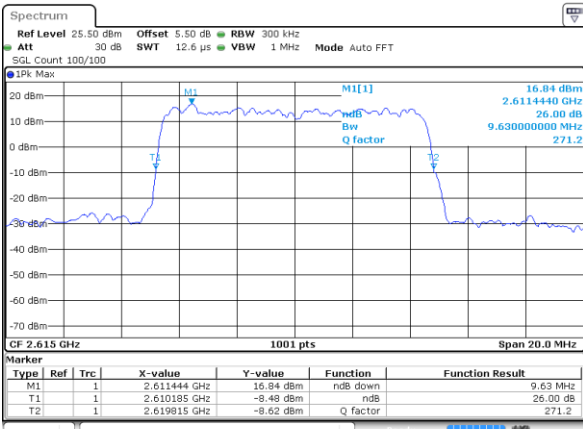
Date: 24 APR 2018 19:23:02

Middle Channel / 10MHz / 16QAM



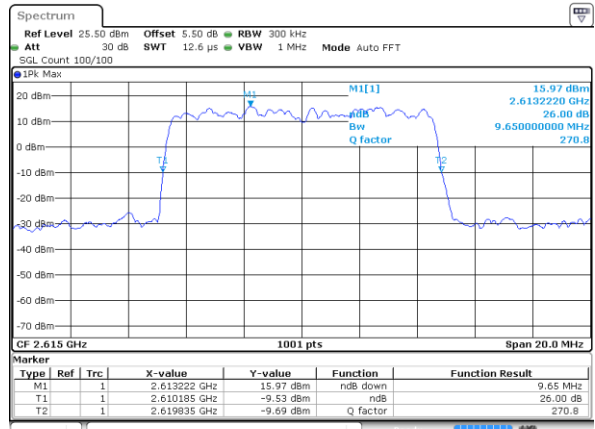
Date: 24 APR 2018 19:23:12

Highest Channel / 10MHz / QPSK



Date: 24 APR 2018 19:23:44

Highest Channel / 10MHz / 16QAM

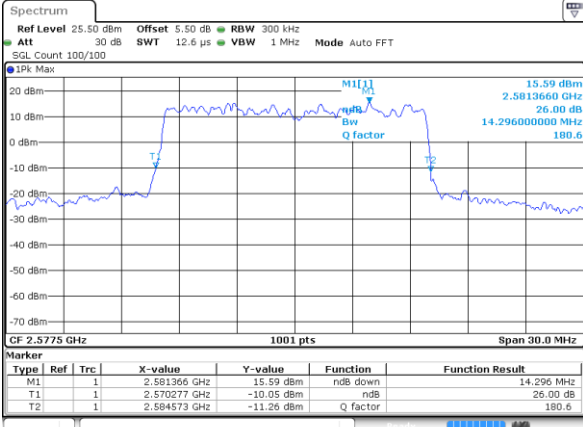


Date: 24 APR 2018 19:23:55



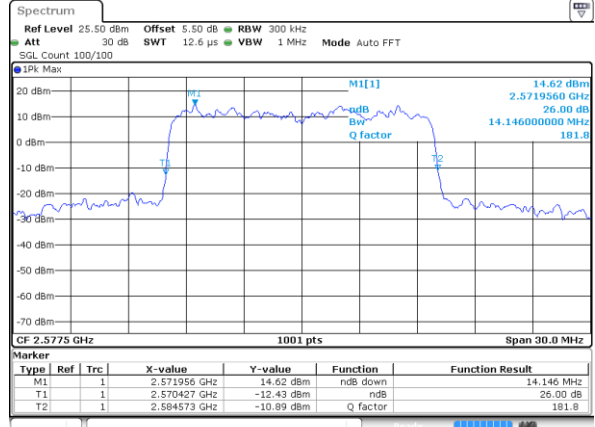
LTE Band 38

Lowest Channel / 15MHz / QPSK



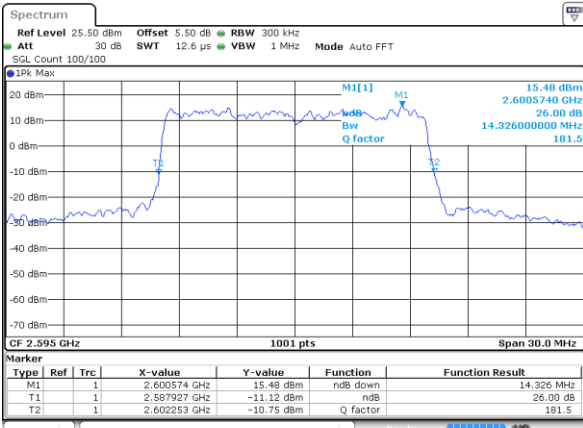
Date: 24 APR 2018 19:24:27

Lowest Channel / 15MHz / 16QAM



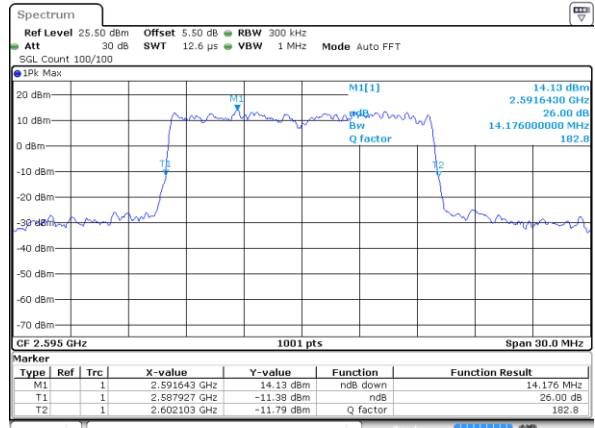
Date: 24 APR 2018 19:24:37

Middle Channel / 15MHz / QPSK



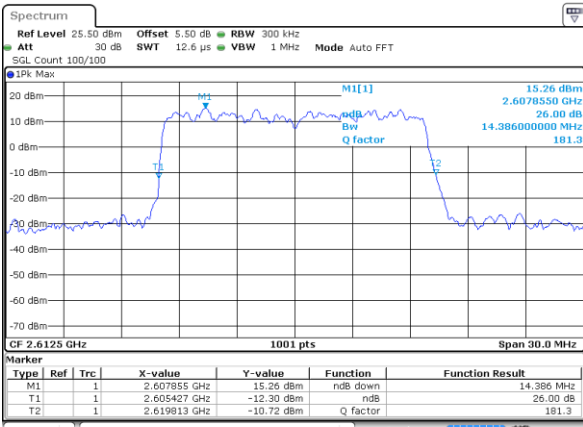
Date: 24 APR 2018 19:25:09

Middle Channel / 15MHz / 16QAM



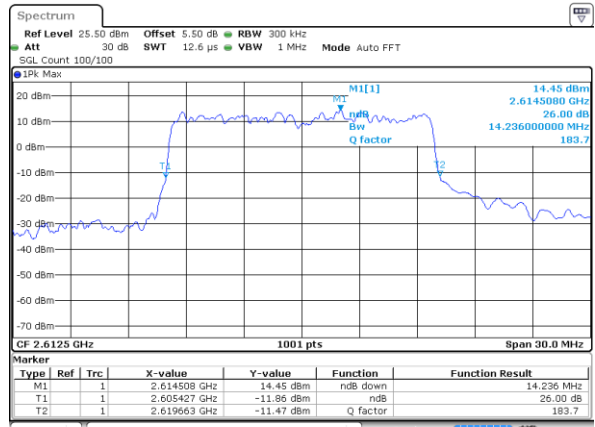
Date: 24 APR 2018 19:25:20

Highest Channel / 15MHz / QPSK



Date: 24 APR 2018 19:25:52

Highest Channel / 15MHz / 16QAM

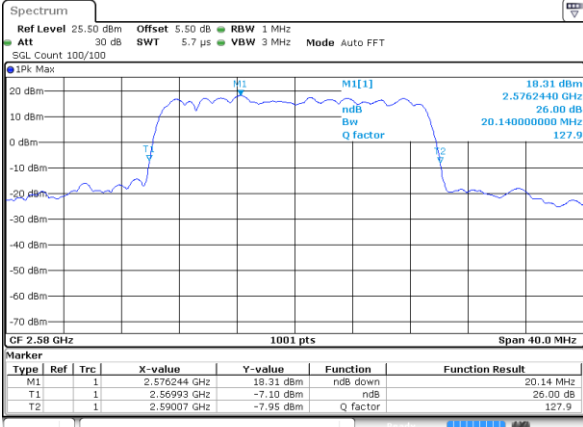


Date: 24 APR 2018 19:26:03



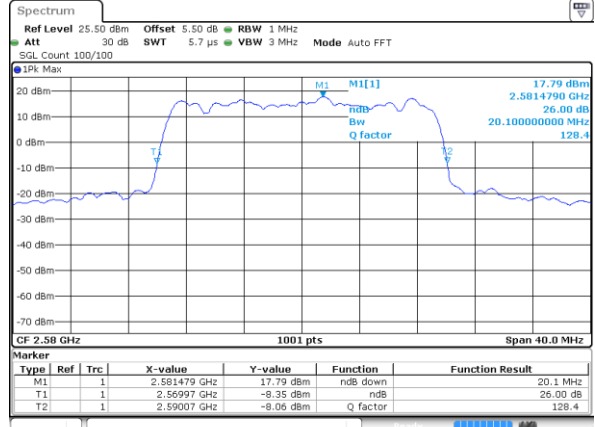
LTE Band 38

Lowest Channel / 20MHz / QPSK



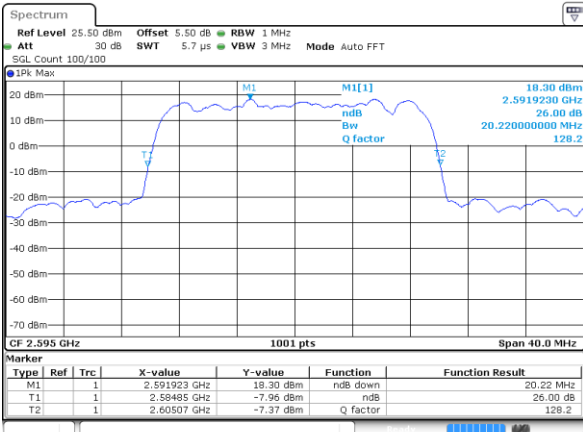
Date: 24 APR 2018 19:26:35

Lowest Channel / 20MHz / 16QAM



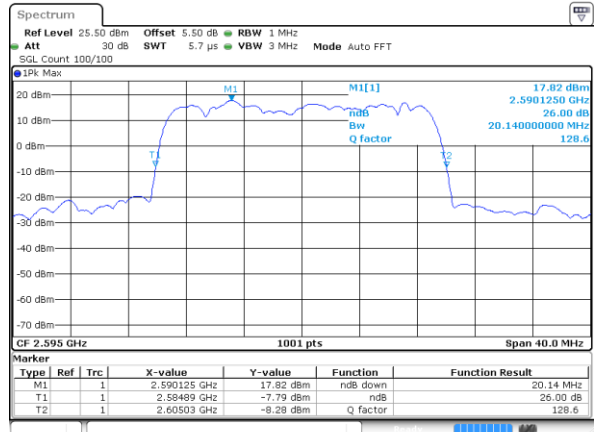
Date: 24 APR 2018 19:34:49

Middle Channel / 20MHz / QPSK



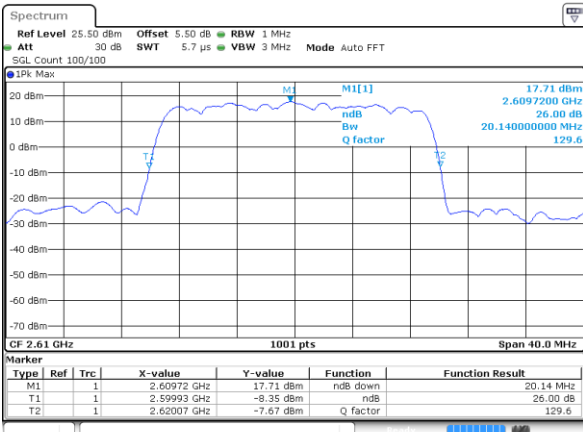
Date: 24 APR 2018 19:27:17

Middle Channel / 20MHz / 16QAM



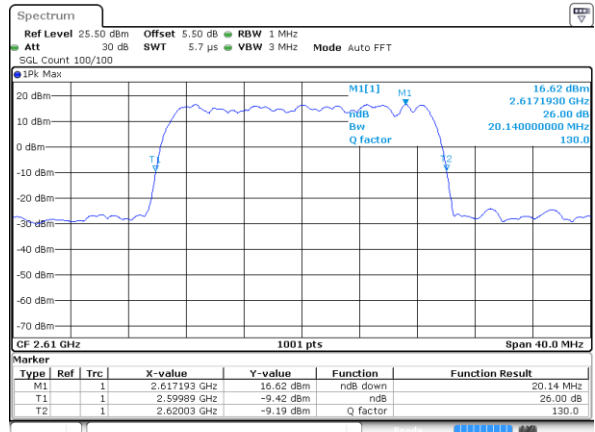
Date: 24 APR 2018 19:27:28

Highest Channel / 20MHz / QPSK



Date: 24 APR 2018 19:28:00

Highest Channel / 20MHz / 16QAM

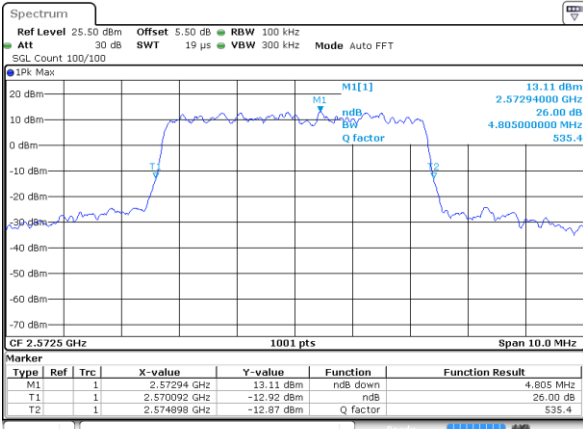


Date: 24 APR 2018 19:28:10



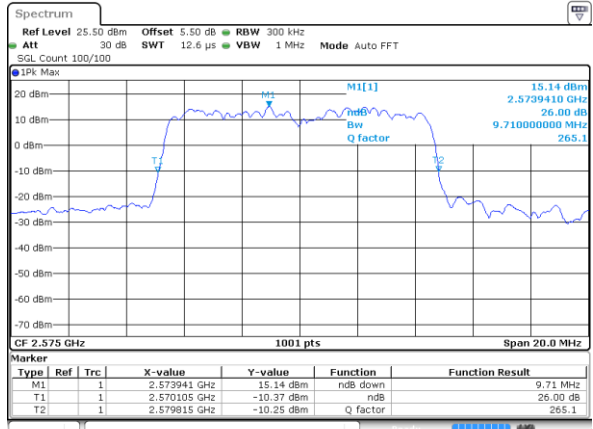
LTE Band 38

Lowest Channel / 5MHz / 64QAM



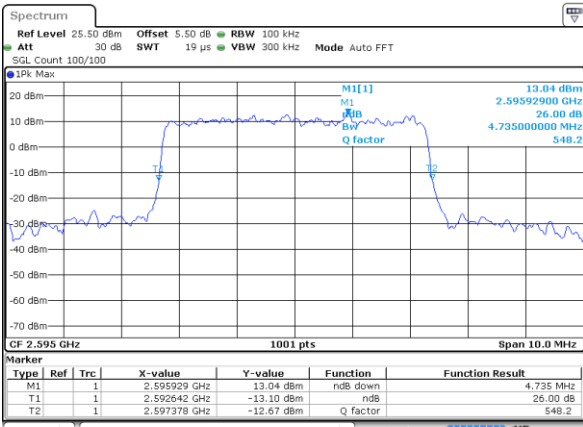
Date: 24 APR 2018 19:44:03

Lowest Channel / 10MHz / 64QAM



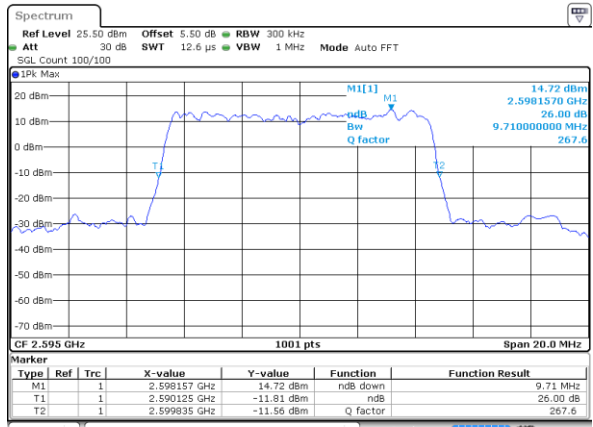
Date: 24 APR 2018 19:42:13

Middle Channel / 5MHz / 64QAM



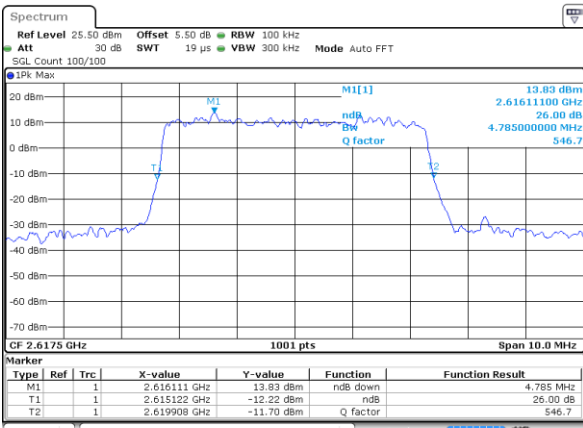
Date: 24 APR 2018 19:44:38

Middle Channel / 10MHz / 64QAM



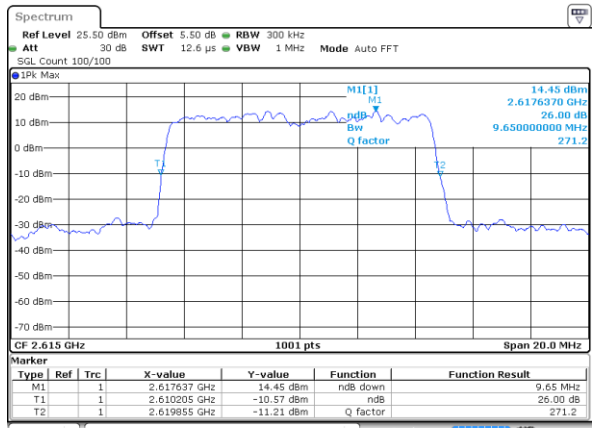
Date: 24 APR 2018 19:42:37

Highest Channel / 5MHz / 64QAM



Date: 24 APR 2018 19:45:15

Highest Channel / 10MHz / 64QAM

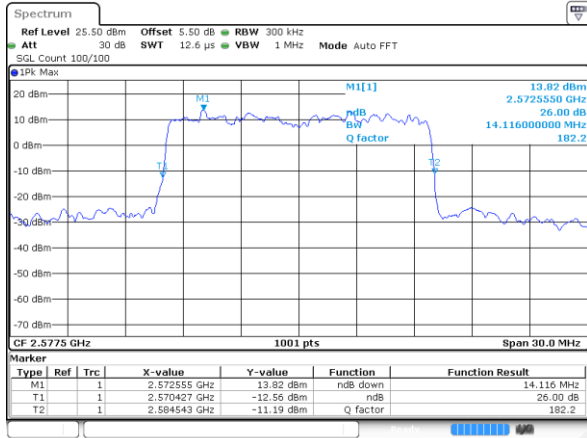


Date: 24 APR 2018 19:43:12



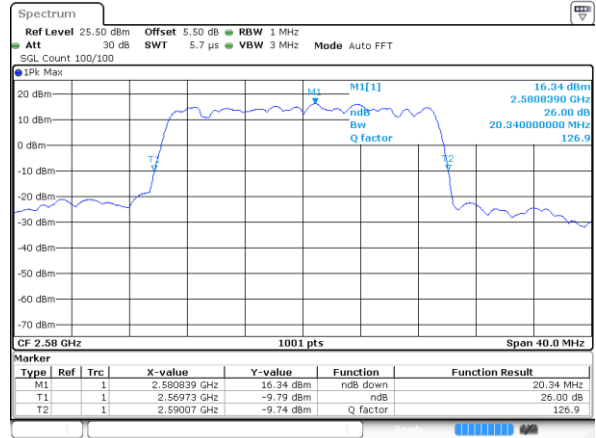
LTE Band 38

Lowest Channel / 15MHz / 64QAM



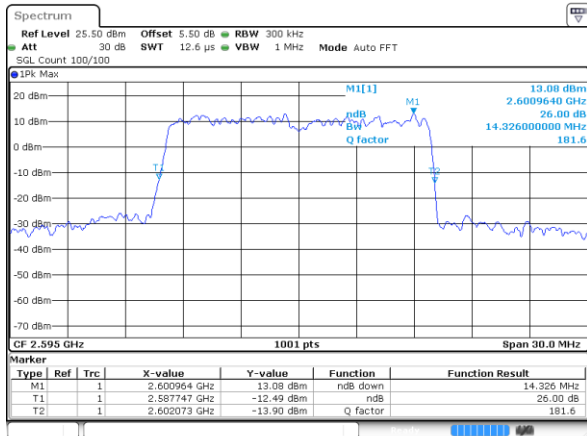
Date: 24 APR 2018 19:41:03

Lowest Channel / 20MHz / 64QAM



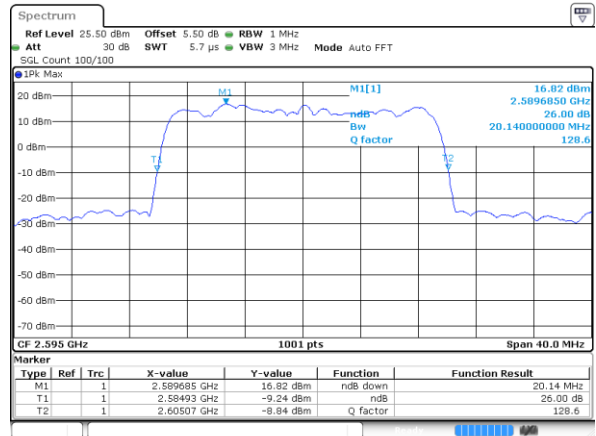
Date: 24 APR 2018 19:36:16

Middle Channel / 15MHz / 64QAM



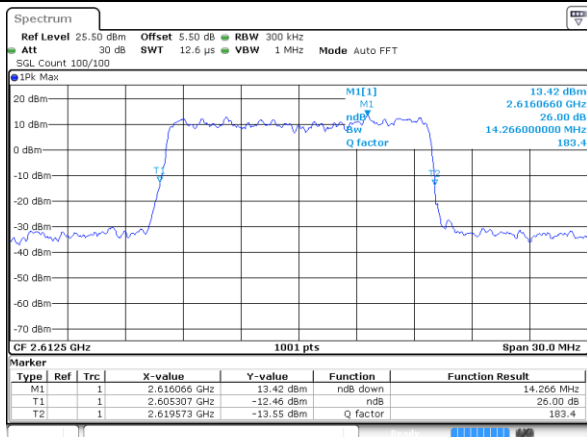
Date: 24 APR 2018 19:41:25

Middle Channel / 20MHz / 64QAM



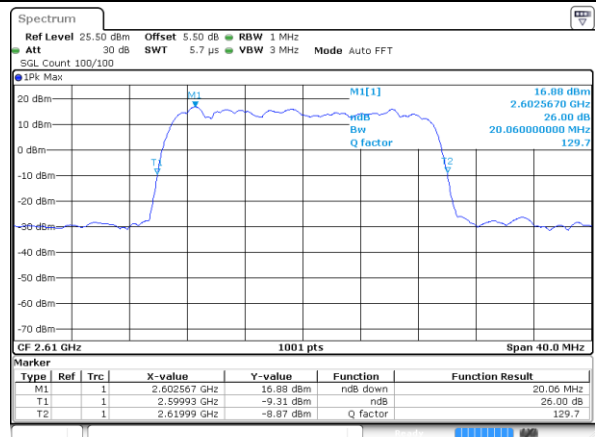
Date: 24 APR 2018 19:36:42

Highest Channel / 15MHz / 64QAM



Date: 24 APR 2018 19:41:48

Highest Channel / 20MHz / 64QAM



Date: 24 APR 2018 19:37:24



Occupied Bandwidth

Mode		LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	1.10	1.09	2.71	2.72	4.52	4.51	9.07	9.07	13.37	13.43	18.30	18.34	
Middle CH	1.09	1.10	2.70	2.71	4.50	4.50	9.09	8.99	13.46	13.49	18.42	18.38	
Highest CH	1.09	1.09	2.70	2.70	4.52	4.52	9.05	9.07	13.52	13.49	18.46	18.46	
Mode		LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM		
Lowest CH	1.09		2.71		4.48		9.05		13.49		18.38		
Middle CH	1.09		2.71		4.49		9.07		13.43		18.46		
Highest CH	1.09		2.71		4.50		9.05		13.46		18.46		

Mode		LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	1.10	1.10	2.71	2.71	4.50	4.50	9.21	8.97	13.46	13.49	18.70	18.30	
Middle CH	1.09	1.09	2.71	2.70	4.49	4.50	8.99	9.05	13.46	13.46	18.46	18.42	
Highest CH	1.09	1.09	2.73	2.73	4.50	4.51	9.07	9.01	13.55	13.46	18.38	18.22	
Mode		LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM		
Lowest CH	1.09		2.72		4.50		9.01		13.43		18.46		
Middle CH	1.09		2.72		4.48		9.07		13.55		18.54		
Highest CH	1.09		2.72		4.48		9.03		13.46		18.42		

Mode		LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM	
Lowest CH	1.10	1.09	2.70	2.73	4.50	4.49	9.03	9.07	1.09	2.72	4.48	8.97	
Middle CH	1.09	1.09	2.70	2.72	4.49	4.51	9.03	9.05	1.09	2.72	4.52	9.07	
Highest CH	1.09	1.09	2.72	2.72	4.50	4.52	9.07	9.05	1.09	2.73	4.50	8.97	



Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.49	4.49	8.99	9.07	13.46	13.46	18.26	18.38	4.49	9.13	13.46	18.42
Middle CH	4.49	4.49	9.03	9.03	13.43	13.49	18.46	18.18	4.48	9.05	13.46	18.46
Highest CH	4.48	4.51	9.05	9.05	13.49	13.43	18.34	18.50	4.48	9.03	13.43	18.30

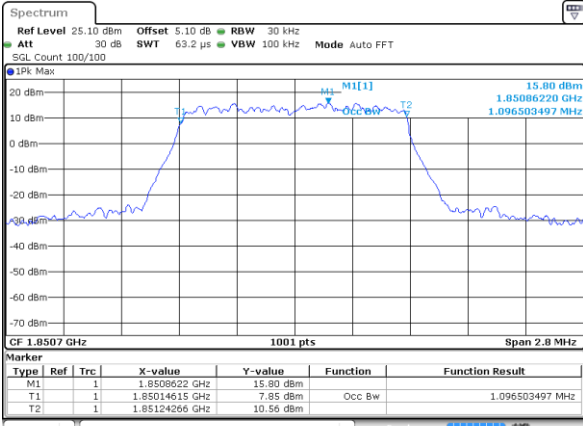
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.47	9.03	9.03	13.43	13.49	18.54	18.30
Middle CH	-	-	-	-	4.49	4.47	9.07	9.01	13.49	13.43	18.46	18.38
Highest CH	-	-	-	-	4.51	4.49	9.05	9.05	13.49	13.46	18.46	18.22

Mode	LTE Band 38 : 99%OBW(MHz)					
BW	1.4MHz		3MHz		5MHz	
Mod.	64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	8.99
Middle CH	-	-	-	-	4.49	9.07
Highest CH	-	-	-	-	4.52	8.95



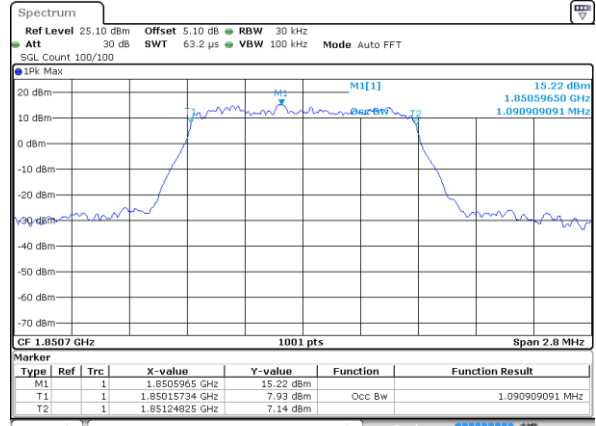
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



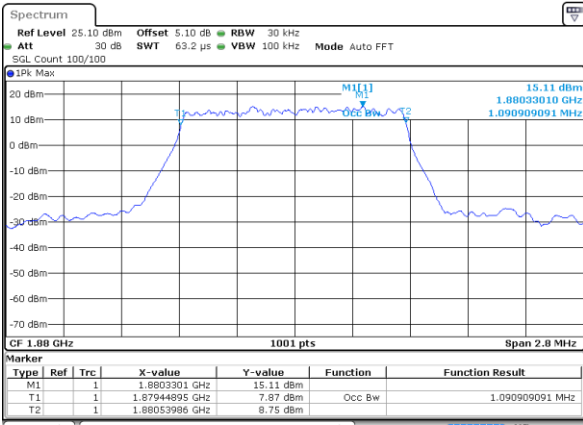
Date: 23 APR 2018 11:30:44

Lowest Channel / 1.4MHz / 16QAM



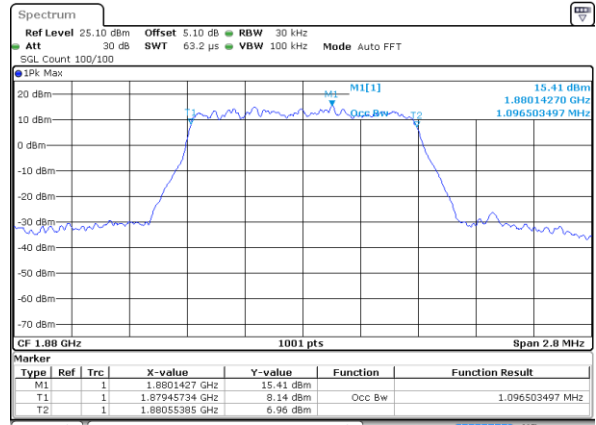
Date: 23 APR 2018 11:30:54

Middle Channel / 1.4MHz / QPSK



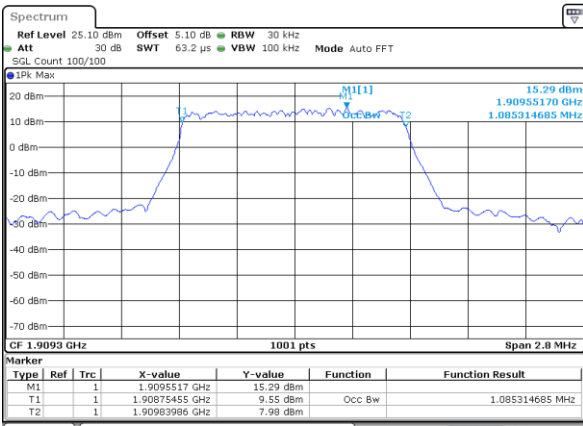
Date: 23 APR 2018 11:37:45

Middle Channel / 1.4MHz / 16QAM



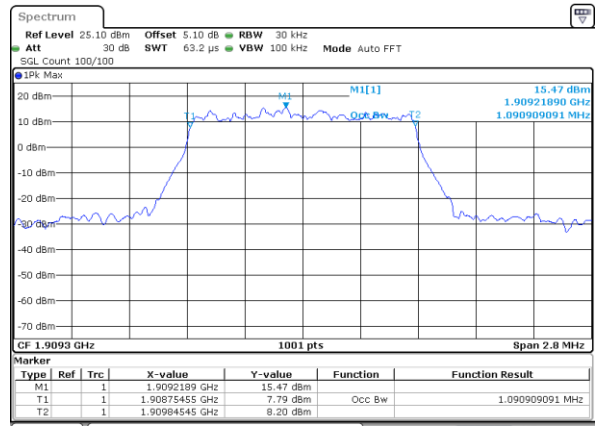
Date: 23 APR 2018 11:37:55

Highest Channel / 1.4MHz / QPSK



Date: 23 APR 2018 11:40:15

Highest Channel / 1.4MHz / 16QAM

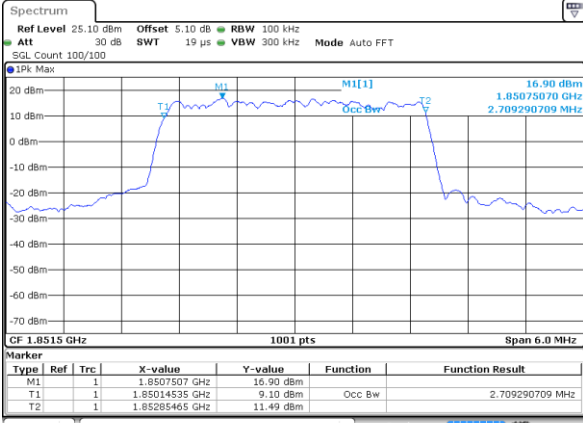


Date: 23 APR 2018 11:40:25



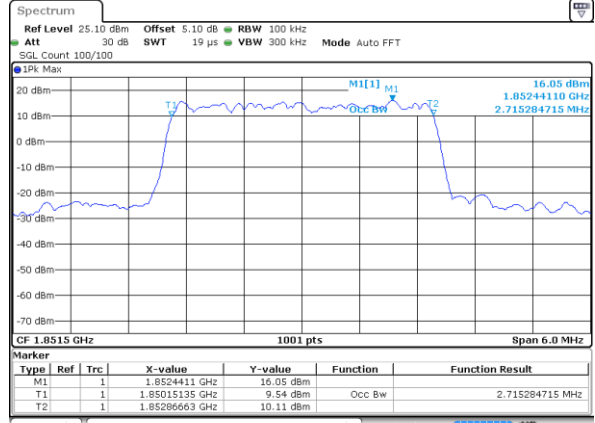
LTE Band 2

Lowest Channel / 3MHz / QPSK



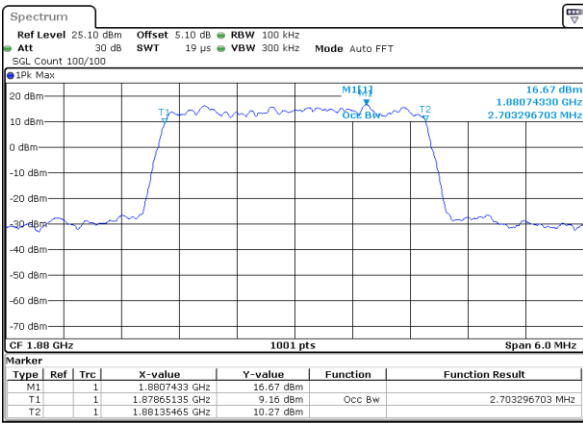
Date: 23 APR 2018 11:47:15

Lowest Channel / 3MHz / 16QAM



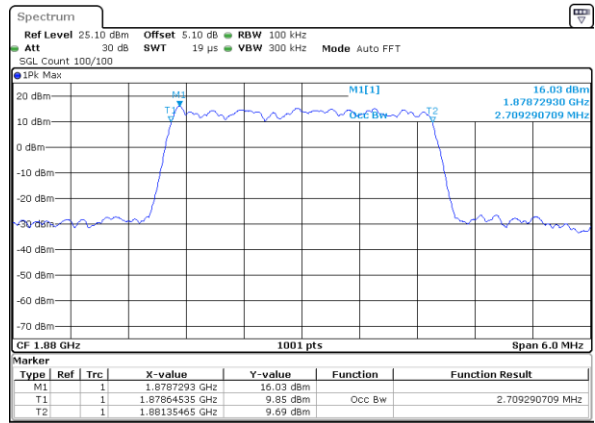
Date: 23 APR 2018 11:47:25

Middle Channel / 3MHz / QPSK



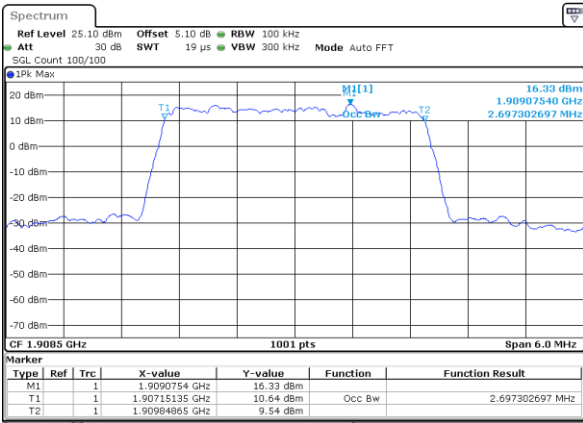
Date: 23 APR 2018 11:54:16

Middle Channel / 3MHz / 16QAM



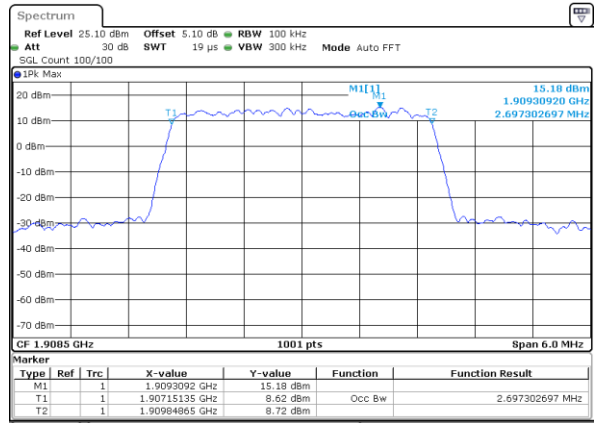
Date: 23 APR 2018 11:54:26

Highest Channel / 3MHz / QPSK



Date: 23 APR 2018 11:56:46

Highest Channel / 3MHz / 16QAM

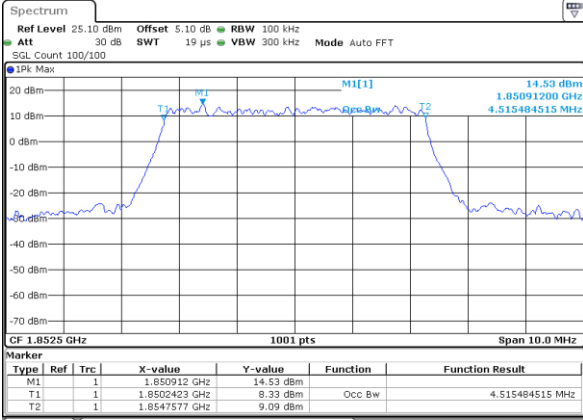


Date: 23 APR 2018 11:56:56



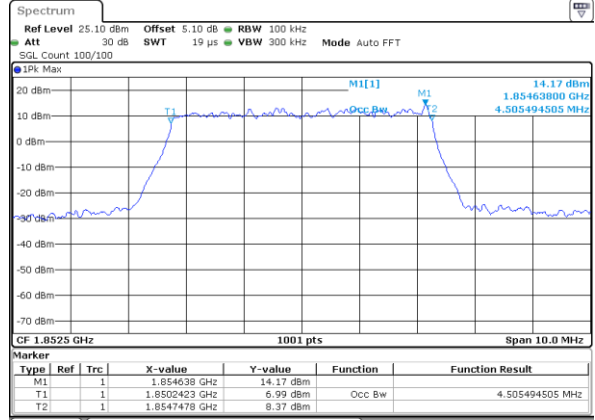
LTE Band 2

Lowest Channel / 5MHz / QPSK



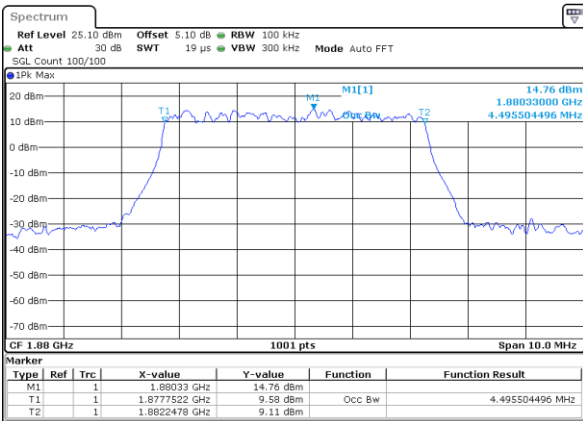
Date: 23 APR 2018 13:56:26

Lowest Channel / 5MHz / 16QAM



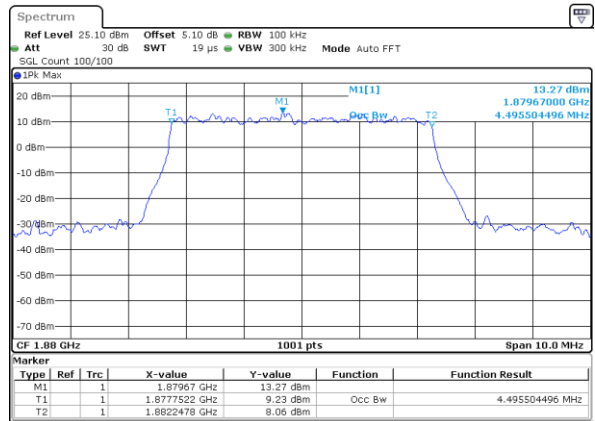
Date: 23 APR 2018 13:56:46

Middle Channel / 5MHz / QPSK



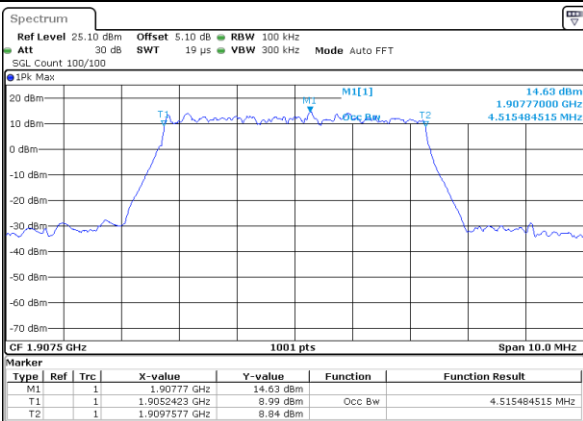
Date: 23 APR 2018 12:10:47

Middle Channel / 5MHz / 16QAM



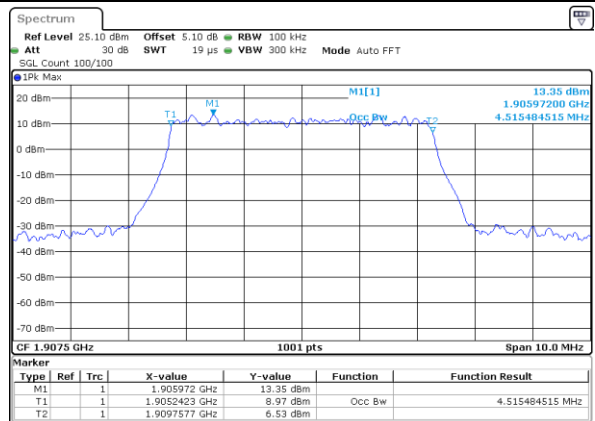
Date: 23 APR 2018 12:10:57

Highest Channel / 5MHz / QPSK



Date: 23 APR 2018 12:13:17

Highest Channel / 5MHz / 16QAM

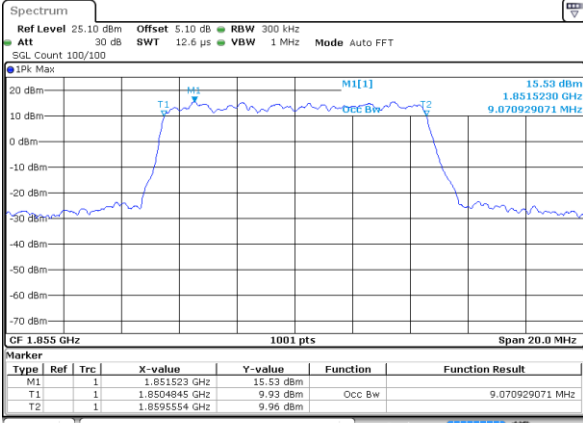


Date: 23 APR 2018 12:13:27



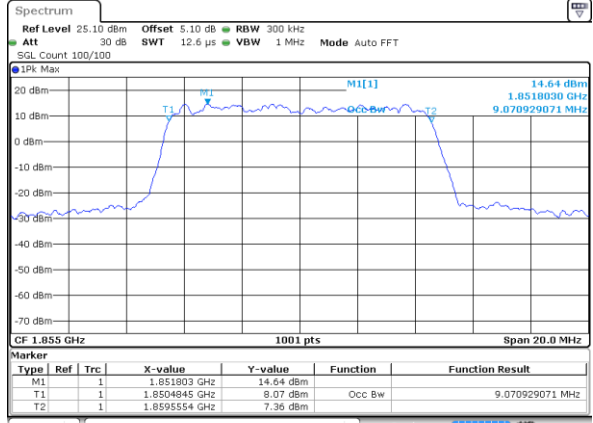
LTE Band 2

Lowest Channel / 10MHz / QPSK



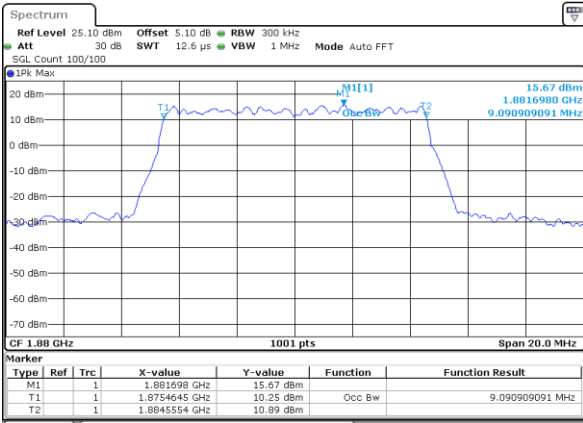
Date: 23 APR 2018 12:20:17

Lowest Channel / 10MHz / 16QAM



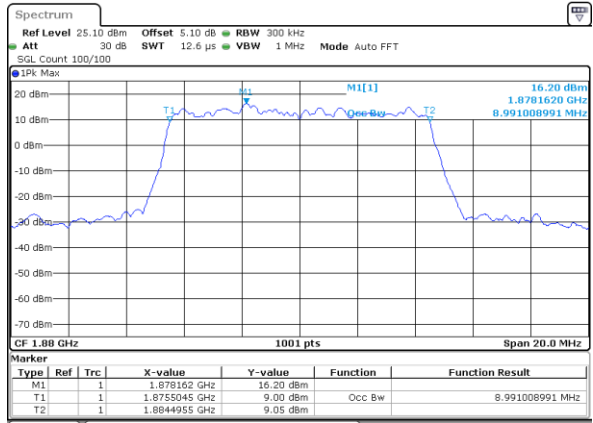
Date: 23 APR 2018 12:20:27

Middle Channel / 10MHz / QPSK



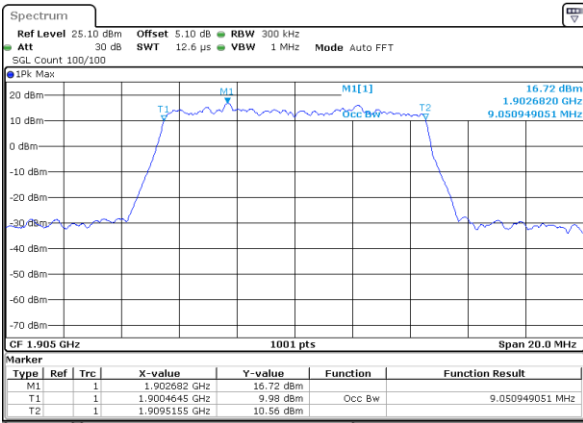
Date: 23 APR 2018 12:27:18

Middle Channel / 10MHz / 16QAM



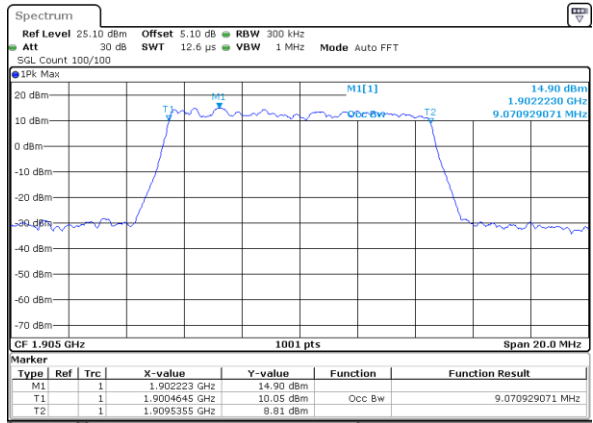
Date: 23 APR 2018 12:27:28

Highest Channel / 10MHz / QPSK



Date: 23 APR 2018 12:29:48

Highest Channel / 10MHz / 16QAM

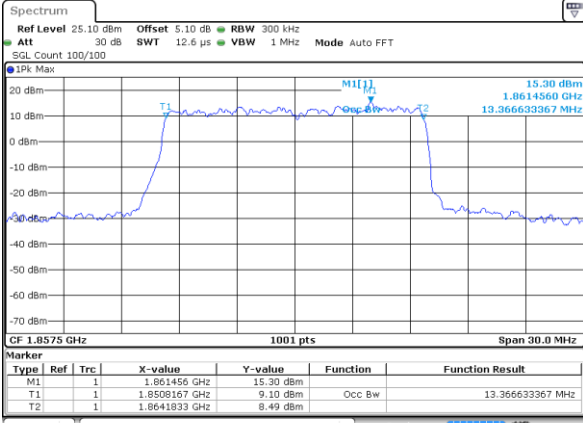


Date: 23 APR 2018 12:29:58



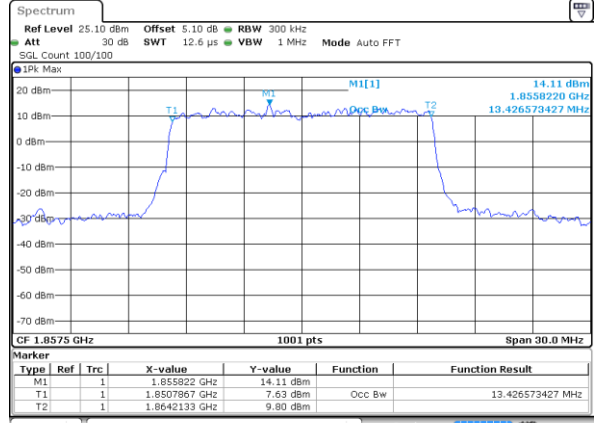
LTE Band 2

Lowest Channel / 15MHz / QPSK



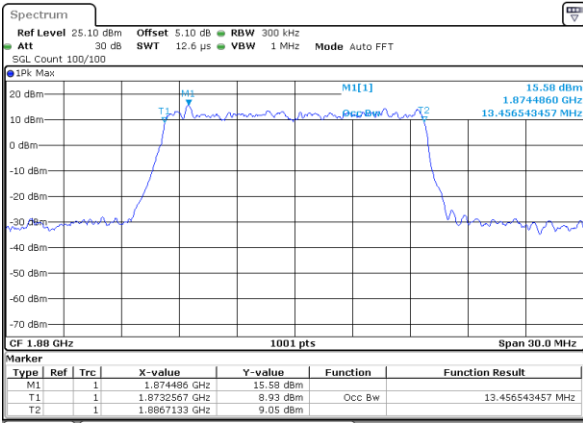
Date: 23 APR 2018 12:36:48

Lowest Channel / 15MHz / 16QAM



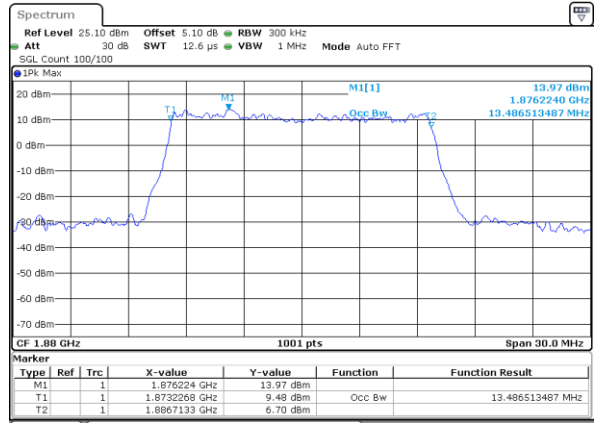
Date: 23 APR 2018 12:36:58

Middle Channel / 15MHz / QPSK



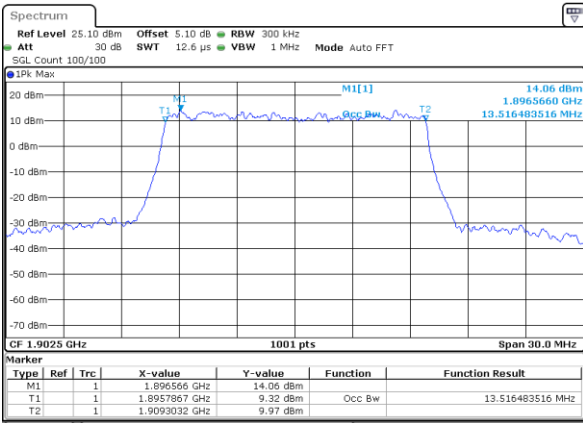
Date: 23 APR 2018 12:43:48

Middle Channel / 15MHz / 16QAM



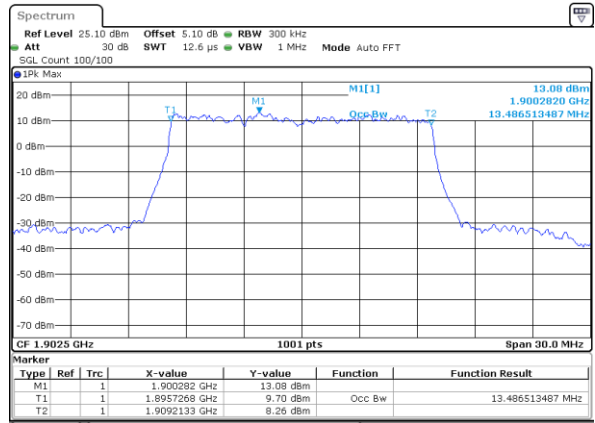
Date: 23 APR 2018 12:43:58

Highest Channel / 15MHz / QPSK



Date: 23 APR 2018 12:46:18

Highest Channel / 15MHz / 16QAM

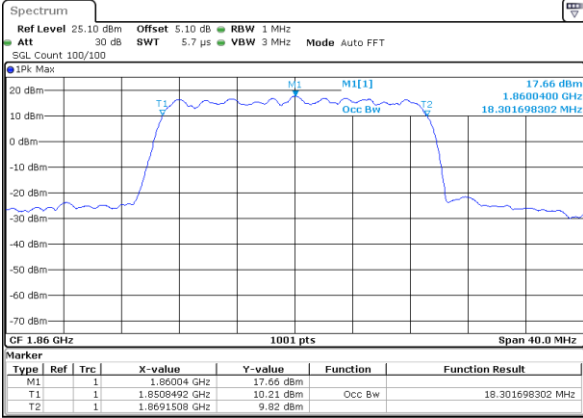


Date: 23 APR 2018 12:46:28



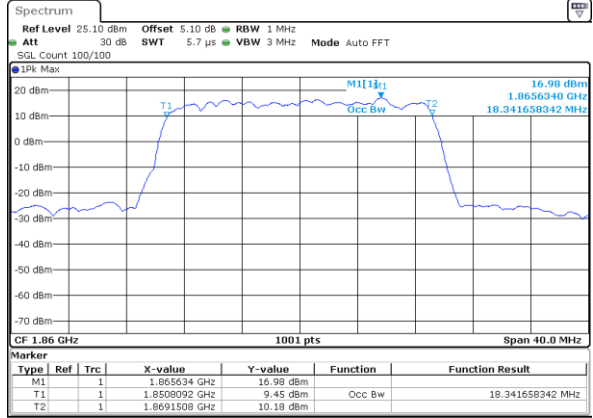
LTE Band 2

Lowest Channel / 20MHz / QPSK



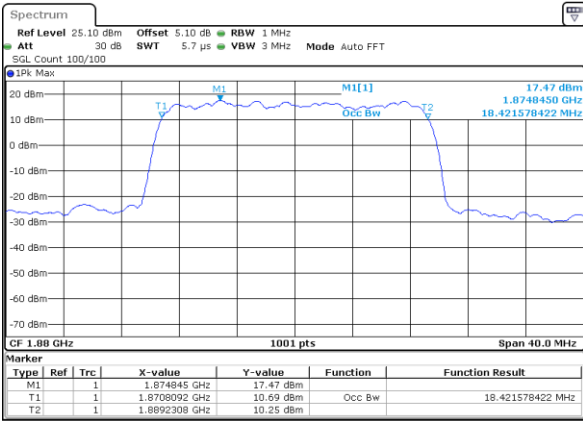
Date: 23 APR 2018 12:53:19

Lowest Channel / 20MHz / 16QAM



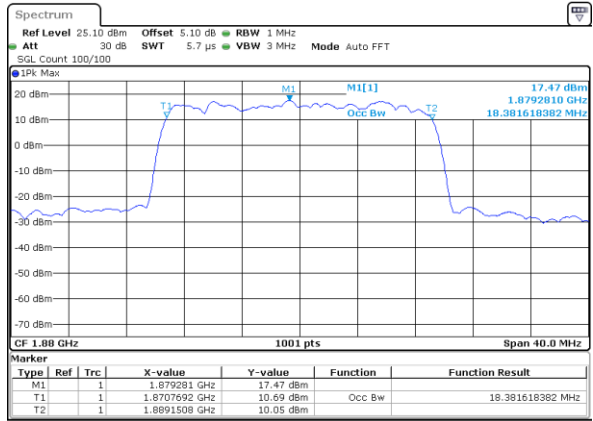
Date: 23 APR 2018 12:53:29

Middle Channel / 20MHz / QPSK



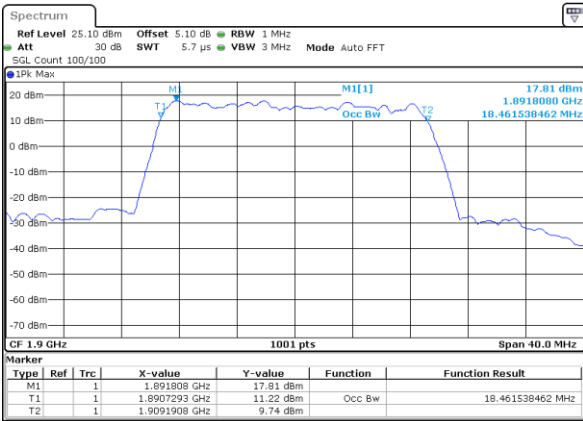
Date: 23 APR 2018 13:00:19

Middle Channel / 20MHz / 16QAM



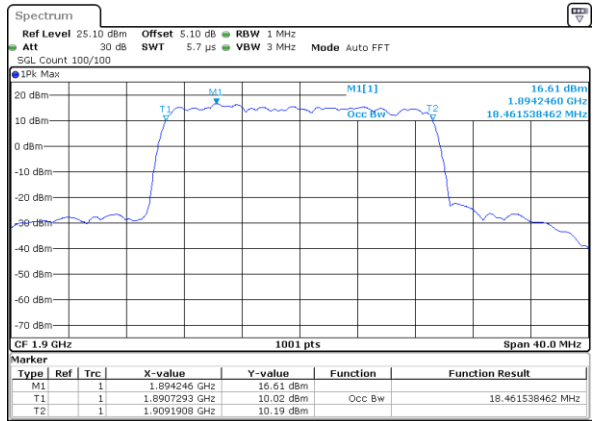
Date: 23 APR 2018 13:00:29

Highest Channel / 20MHz / QPSK



Date: 23 APR 2018 13:02:49

Highest Channel / 20MHz / 16QAM

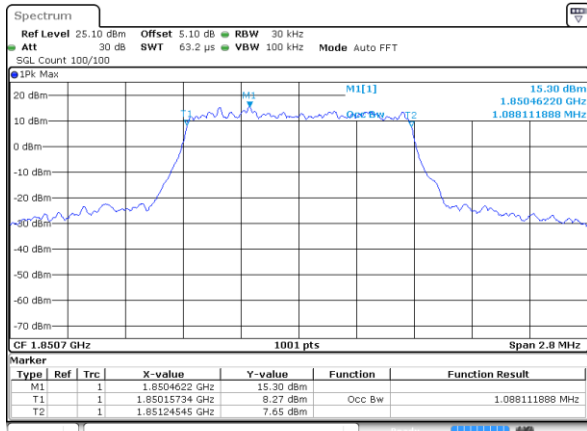


Date: 23 APR 2018 13:02:59



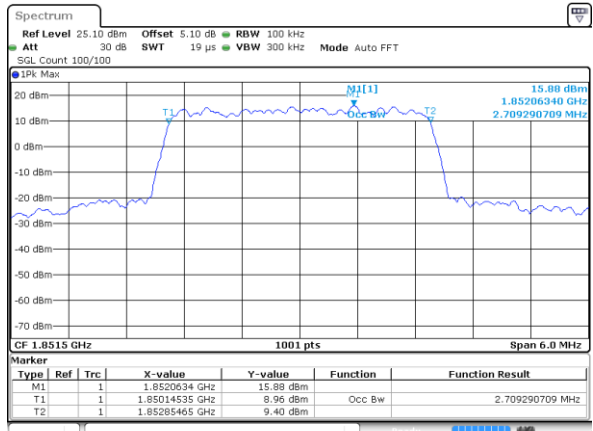
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



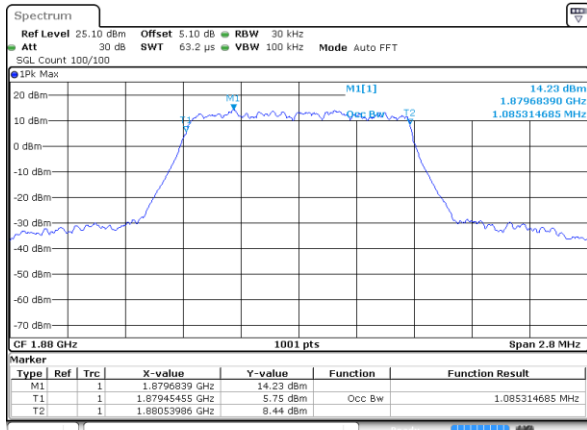
Date: 23 APR 2018 10:48:34

Lowest Channel / 3MHz / 64QAM



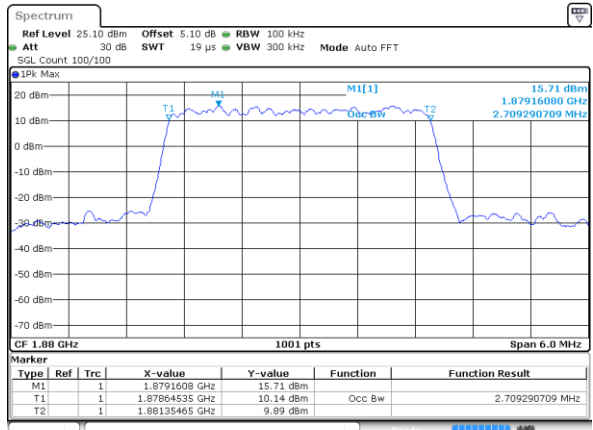
Date: 23 APR 2018 10:58:18

Middle Channel / 1.4MHz / 64QAM



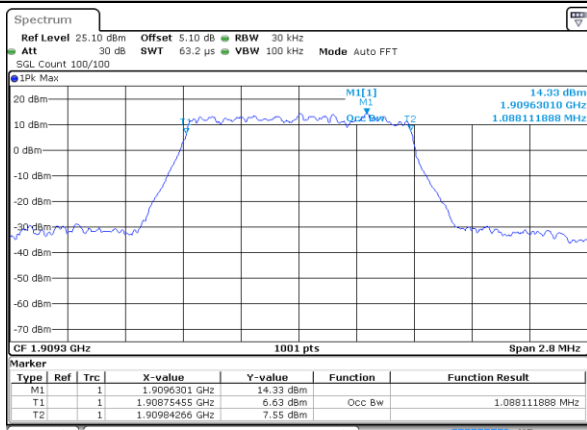
Date: 23 APR 2018 10:48:47

Middle Channel / 3MHz / 64QAM



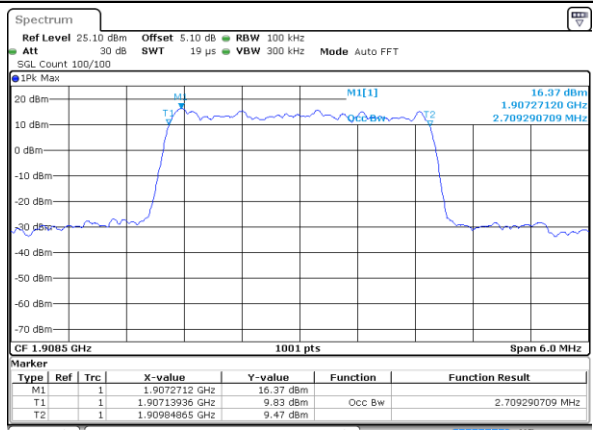
Date: 23 APR 2018 10:58:47

Highest Channel / 1.4MHz / 64QAM



Date: 23 APR 2018 10:49:21

Highest Channel / 3MHz / 64QAM

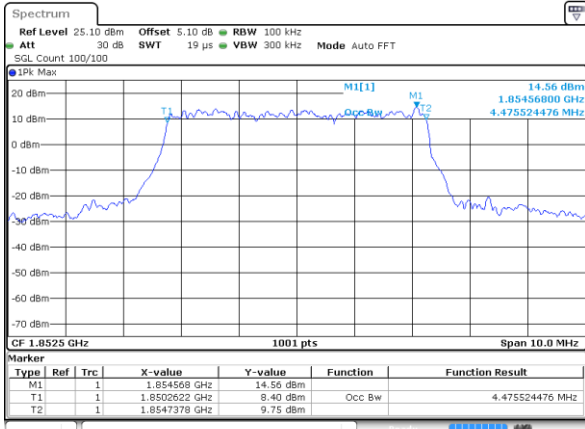


Date: 23 APR 2018 10:59:06



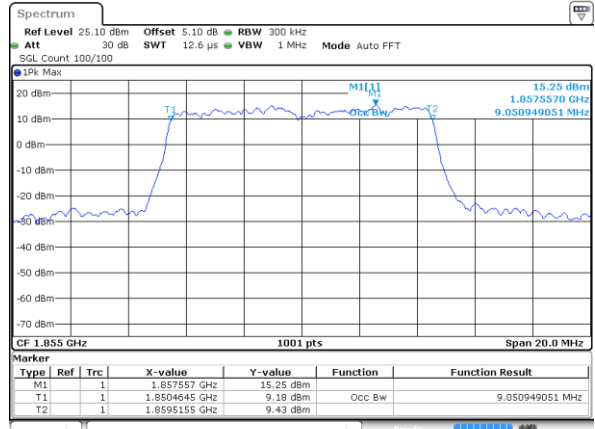
LTE Band 2

Lowest Channel / 5MHz / 64QAM



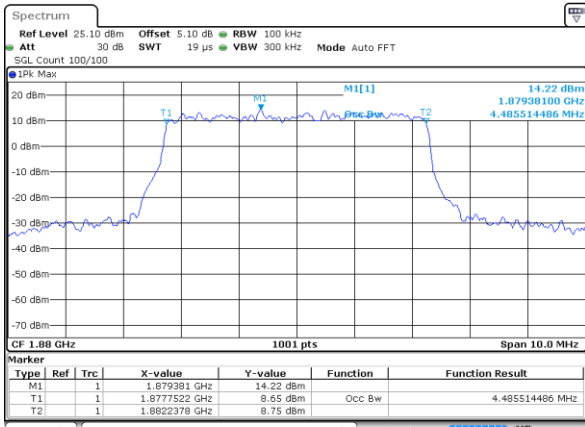
Date: 23 APR 2018 11:02:59

Lowest Channel / 10MHz / 64QAM



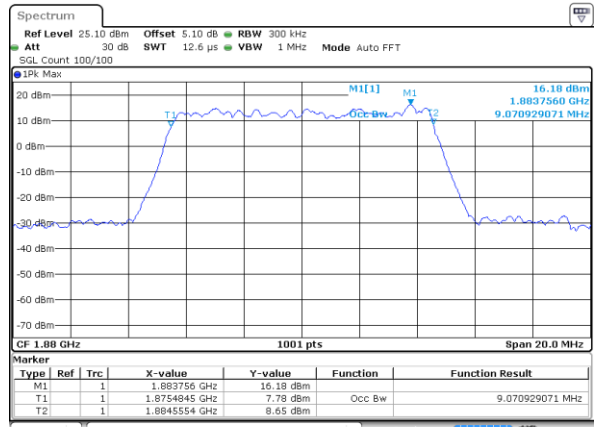
Date: 23 APR 2018 13:58:42

Middle Channel / 5MHz / 64QAM



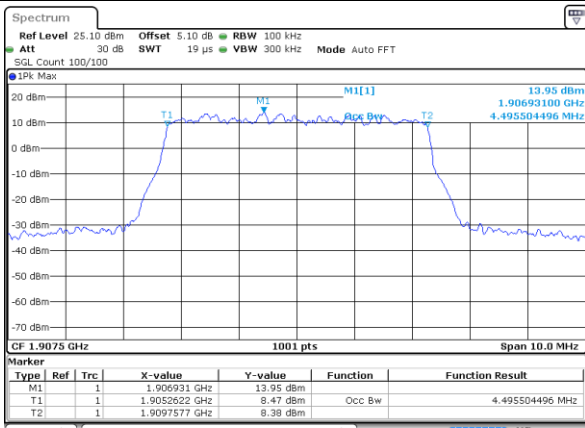
Date: 23 APR 2018 11:03:16

Middle Channel / 10MHz / 64QAM



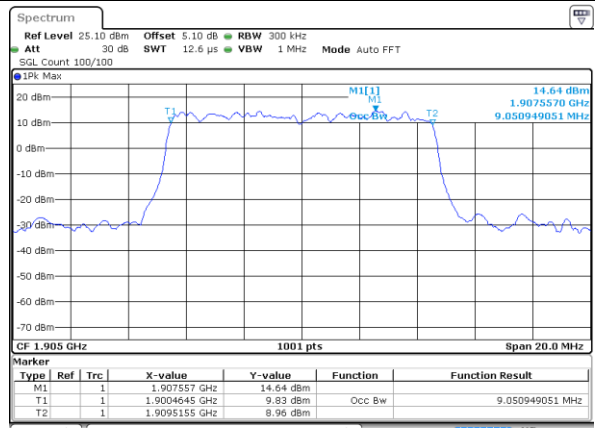
Date: 23 APR 2018 13:59:00

Highest Channel / 5MHz / 64QAM



Date: 23 APR 2018 11:03:34

Highest Channel / 10MHz / 64QAM

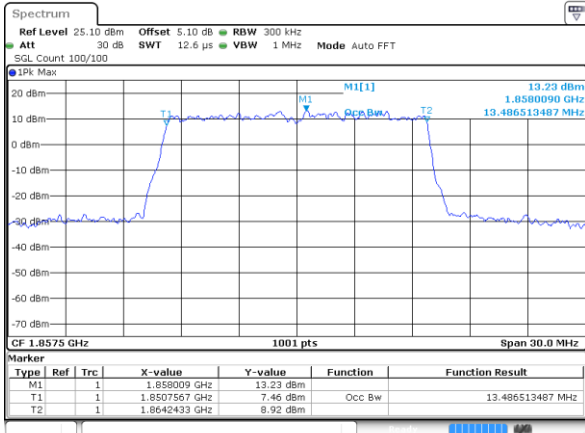


Date: 23 APR 2018 13:59:18



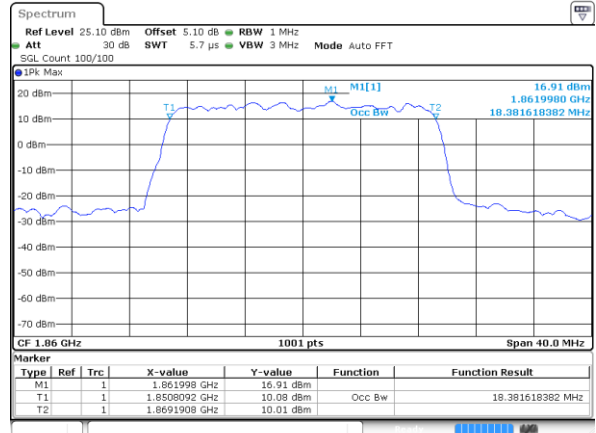
LTE Band 2

Lowest Channel / 15MHz / 64QAM



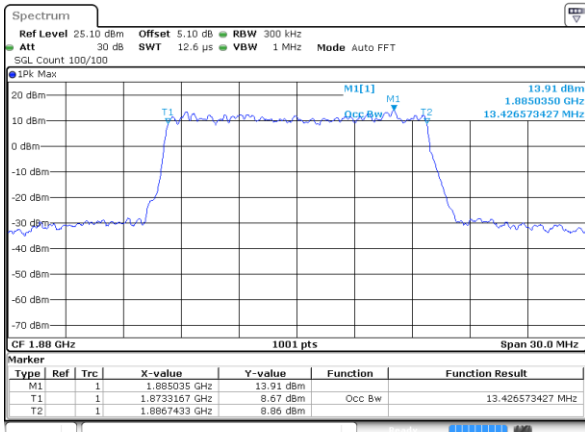
Date: 23 APR 2018 14:04:05

Lowest Channel / 20MHz / 64QAM



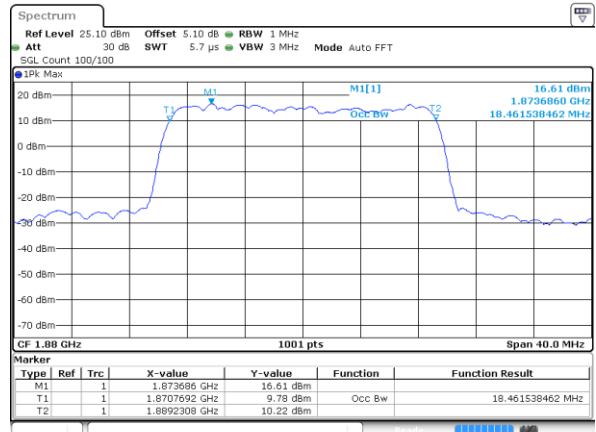
Date: 23 APR 2018 14:09:10

Middle Channel / 15MHz / 64QAM



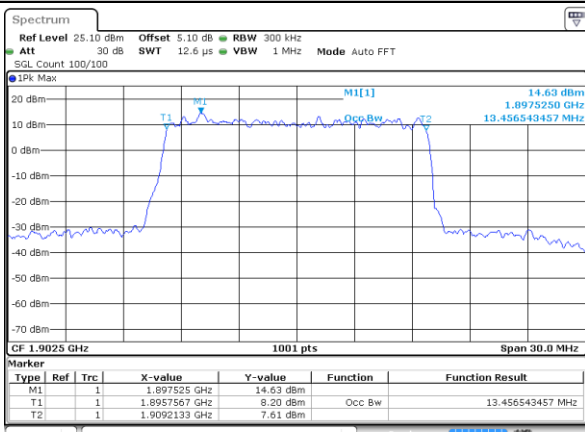
Date: 23 APR 2018 14:04:23

Middle Channel / 20MHz / 64QAM



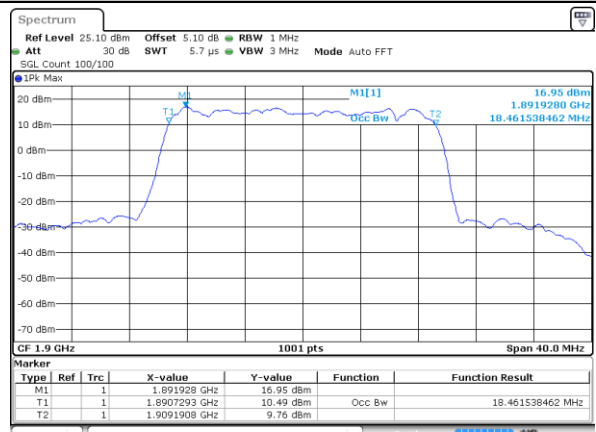
Date: 23 APR 2018 14:09:29

Highest Channel / 15MHz / 64QAM



Date: 23 APR 2018 14:04:41

Highest Channel / 20MHz / 64QAM

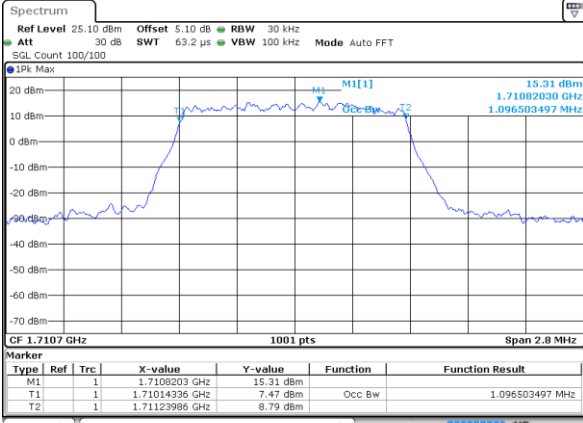


Date: 23 APR 2018 14:10:05



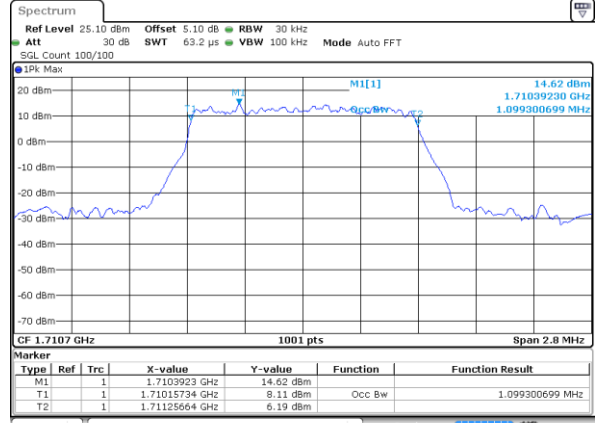
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



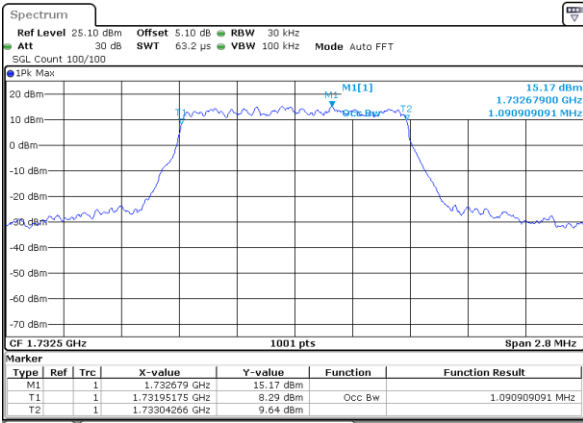
Date: 23 APR 2018 18:38:15

Lowest Channel / 1.4MHz / 16QAM



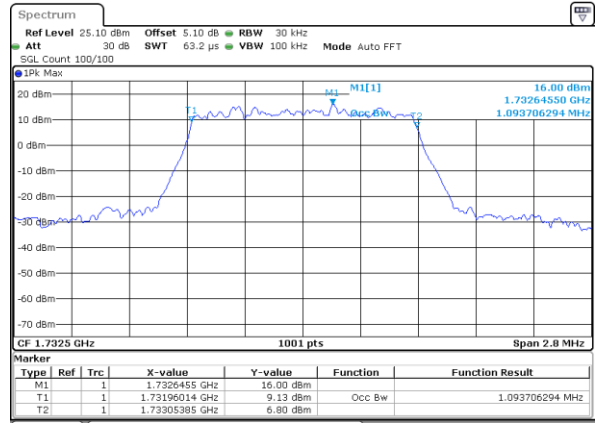
Date: 23 APR 2018 18:38:25

Middle Channel / 1.4MHz / QPSK



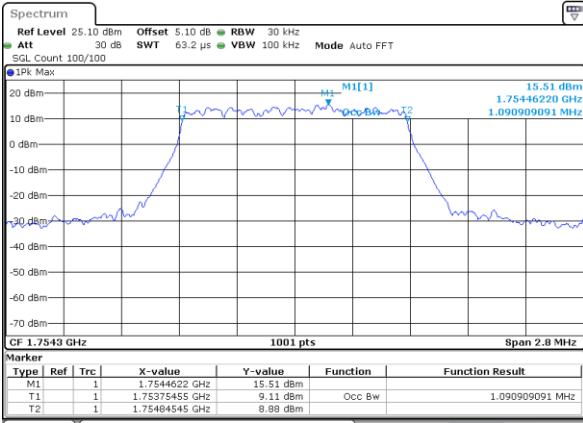
Date: 23 APR 2018 18:45:15

Middle Channel / 1.4MHz / 16QAM



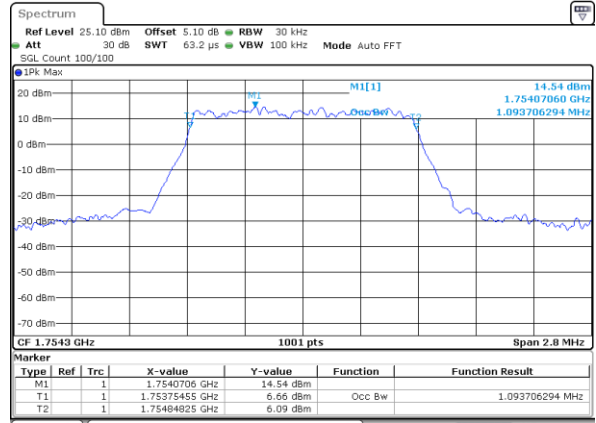
Date: 23 APR 2018 18:45:26

Highest Channel / 1.4MHz / QPSK



Date: 23 APR 2018 18:47:46

Highest Channel / 1.4MHz / 16QAM

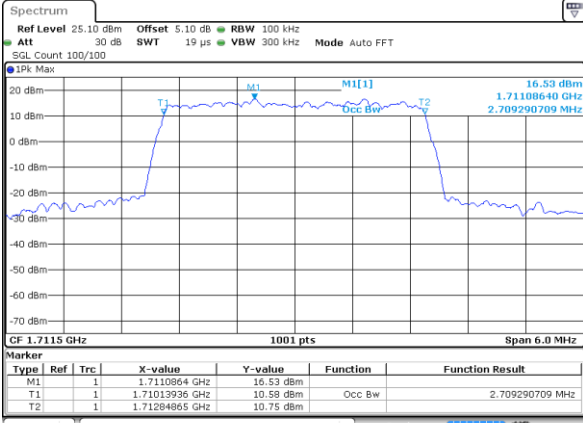


Date: 23 APR 2018 18:47:56



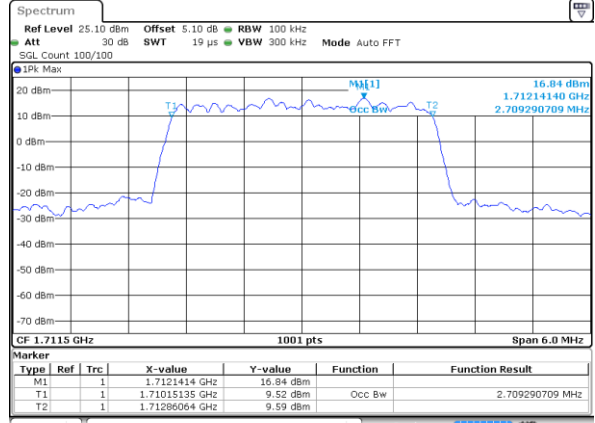
LTE Band 4

Lowest Channel / 3MHz / QPSK



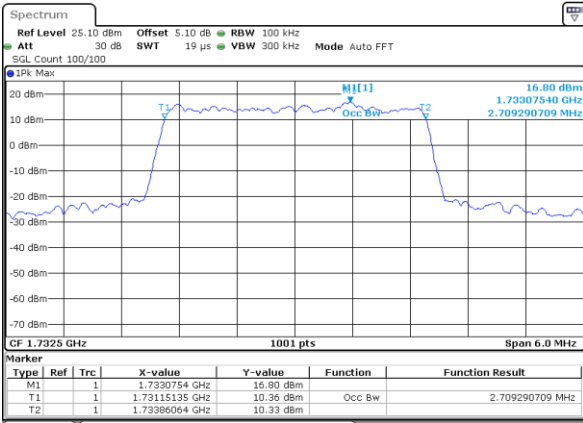
Date: 23 APR 2018 18:54:48

Lowest Channel / 3MHz / 16QAM



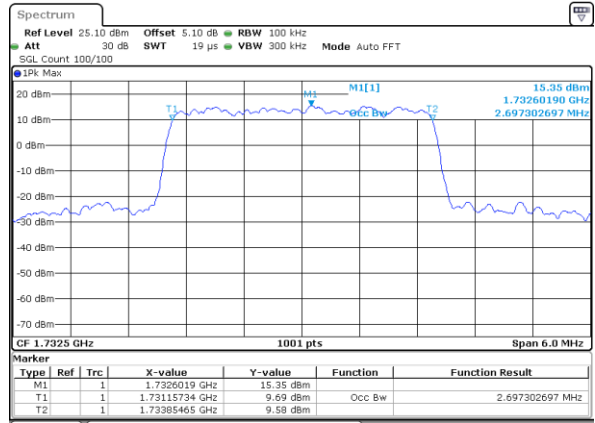
Date: 23 APR 2018 18:54:58

Middle Channel / 3MHz / QPSK



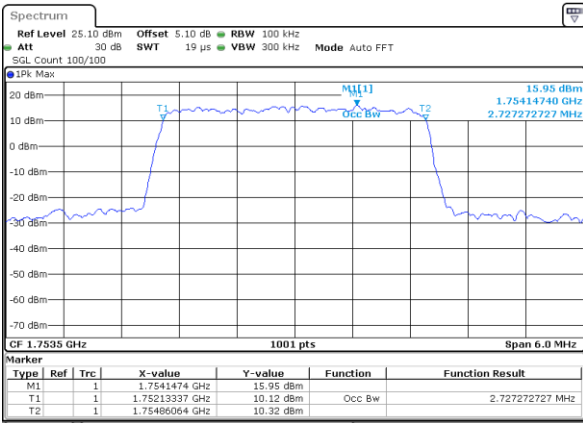
Date: 23 APR 2018 19:01:48

Middle Channel / 3MHz / 16QAM



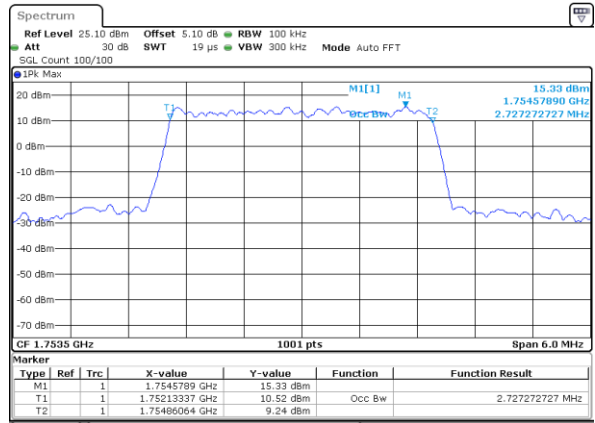
Date: 23 APR 2018 19:01:59

Highest Channel / 3MHz / QPSK



Date: 23 APR 2018 19:04:18

Highest Channel / 3MHz / 16QAM



Date: 23 APR 2018 19:04:29