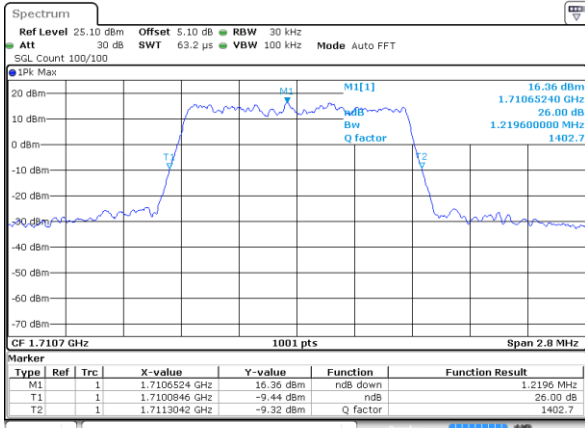




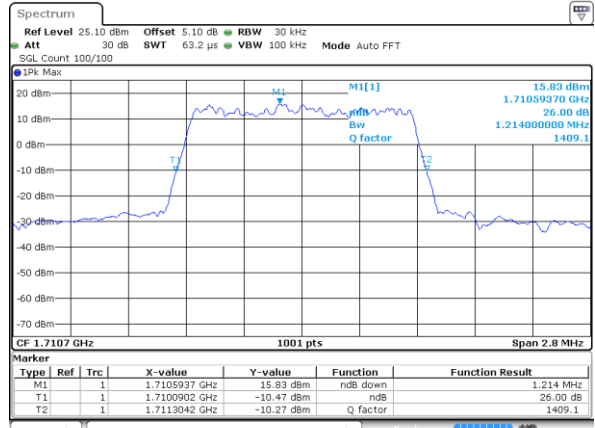
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



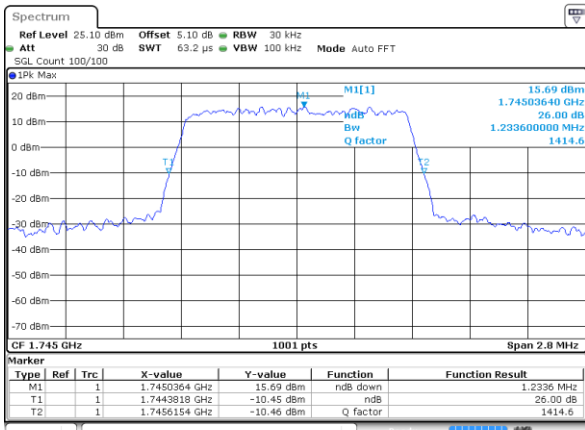
Date: 23 MAY 2018 11:38:24

Lowest Channel / 1.4MHz / 16QAM



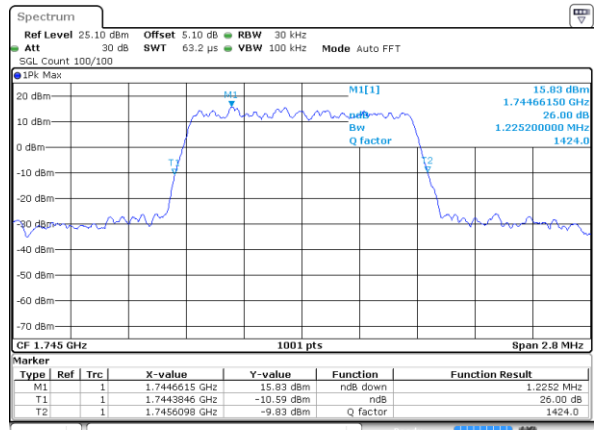
Date: 23 MAY 2018 11:38:41

Middle Channel / 1.4MHz / QPSK



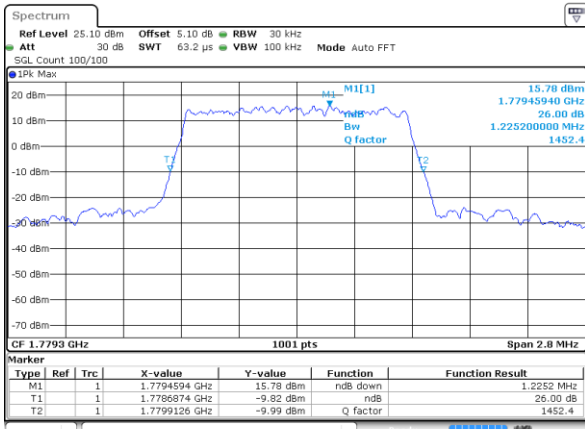
Date: 23 MAY 2018 11:40:02

Middle Channel / 1.4MHz / 16QAM



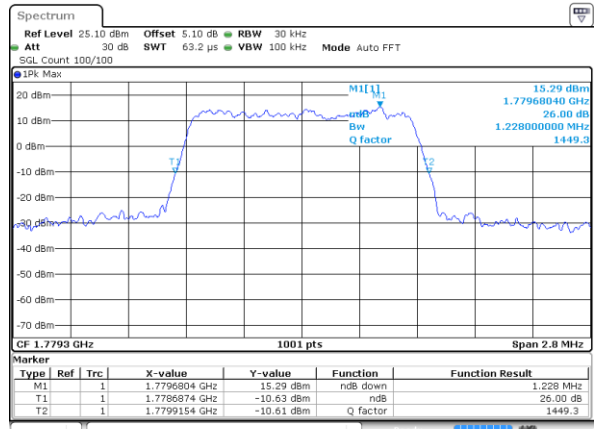
Date: 23 MAY 2018 11:39:47

Highest Channel / 1.4MHz / QPSK



Date: 23 MAY 2018 11:40:42

Highest Channel / 1.4MHz / 16QAM

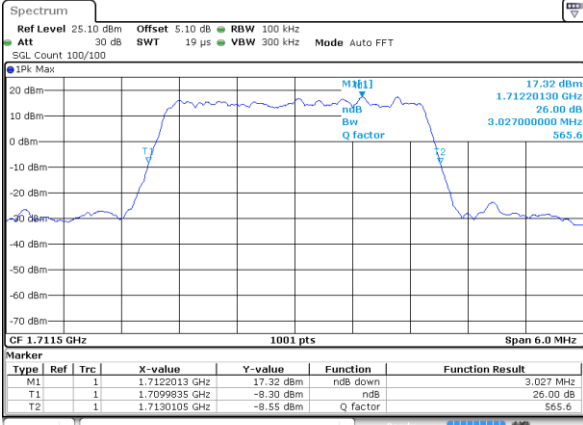


Date: 23 MAY 2018 11:41:01



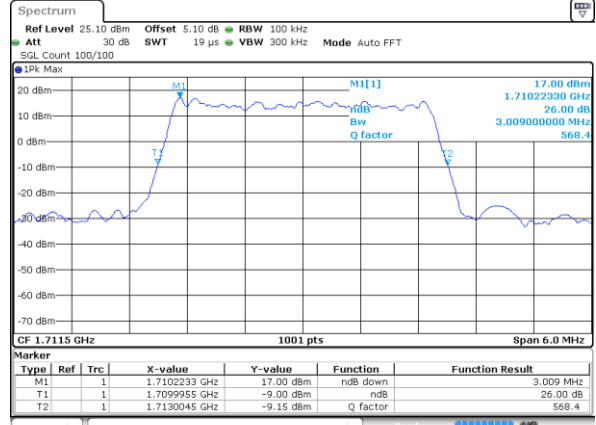
LTE Band 66

Lowest Channel / 3MHz / QPSK



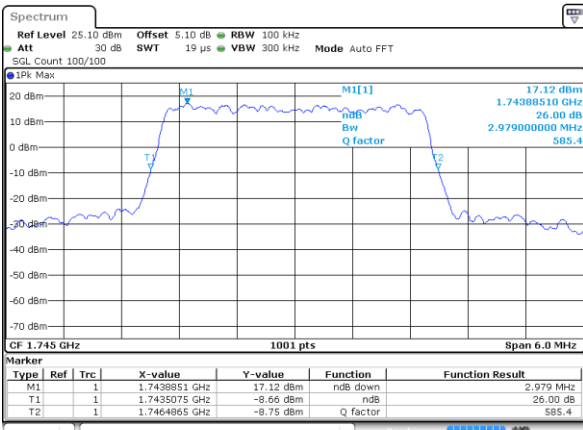
Date: 23 MAY 2018 13:48:28

Lowest Channel / 3MHz / 16QAM



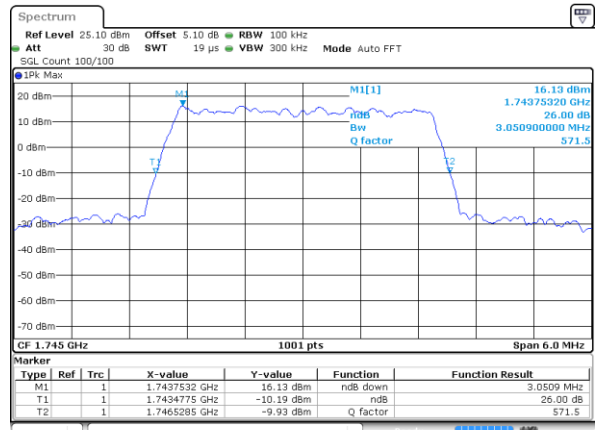
Date: 23 MAY 2018 13:48:43

Middle Channel / 3MHz / QPSK



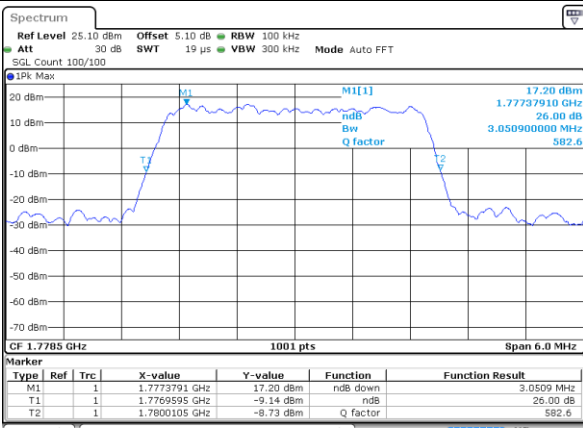
Date: 23 MAY 2018 13:50:43

Middle Channel / 3MHz / 16QAM



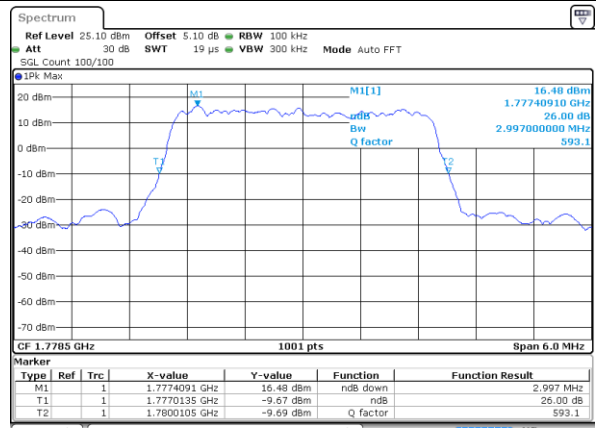
Date: 23 MAY 2018 13:50:13

Highest Channel / 3MHz / QPSK



Date: 23 MAY 2018 13:51:16

Highest Channel / 3MHz / 16QAM

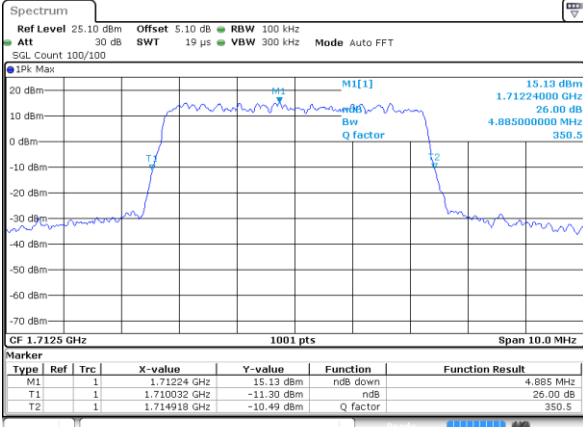


Date: 23 MAY 2018 13:51:34



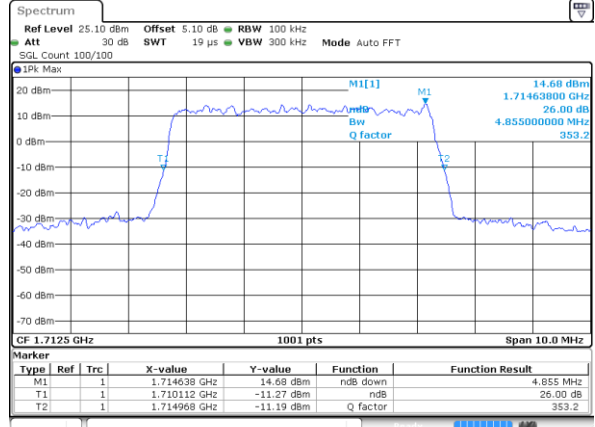
LTE Band 66

Lowest Channel / 5MHz / QPSK



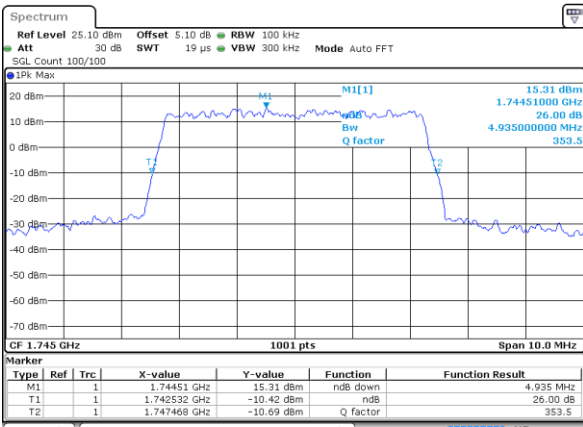
Date: 23 MAY 2018 14:17:46

Lowest Channel / 5MHz / 16QAM



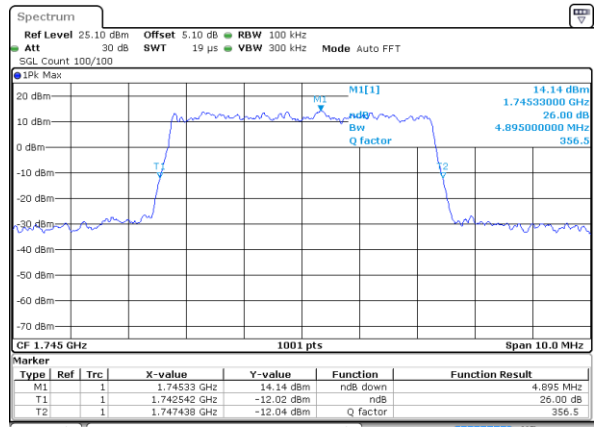
Date: 23 MAY 2018 14:18:01

Middle Channel / 5MHz / QPSK



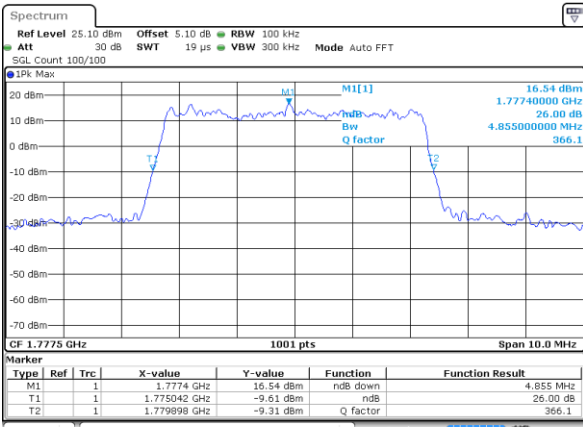
Date: 23 MAY 2018 14:18:15

Middle Channel / 5MHz / 16QAM



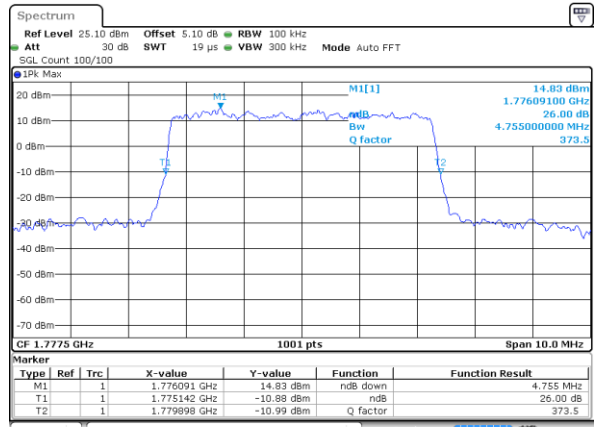
Date: 23 MAY 2018 14:19:01

Highest Channel / 5MHz / QPSK



Date: 23 MAY 2018 14:19:57

Highest Channel / 5MHz / 16QAM

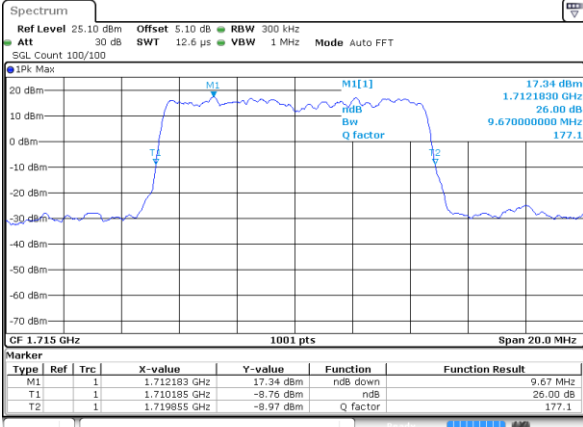


Date: 23 MAY 2018 14:20:18



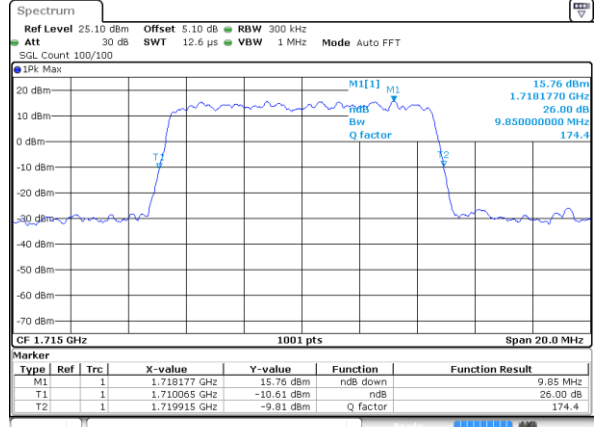
LTE Band 66

Lowest Channel / 10MHz / QPSK



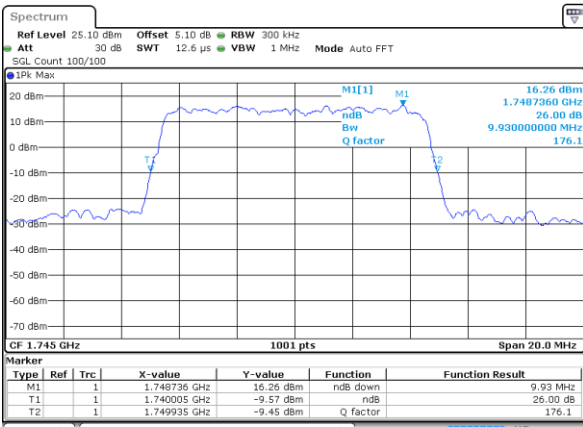
Date: 23 MAY 2018 14:39:02

Lowest Channel / 10MHz / 16QAM



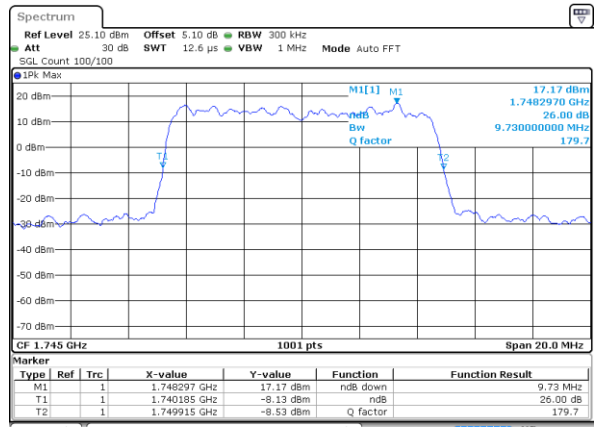
Date: 23 MAY 2018 14:39:20

Middle Channel / 10MHz / QPSK



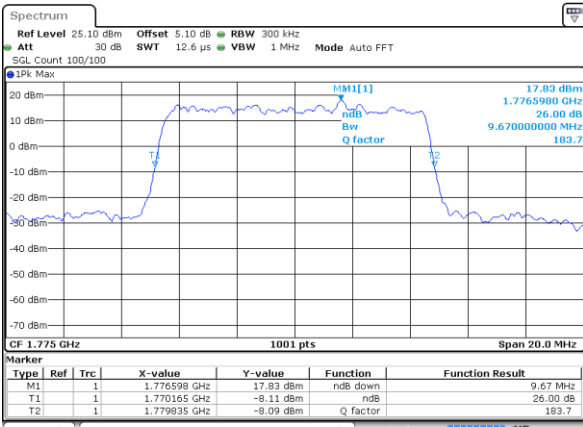
Date: 23 MAY 2018 14:40:35

Middle Channel / 10MHz / 16QAM



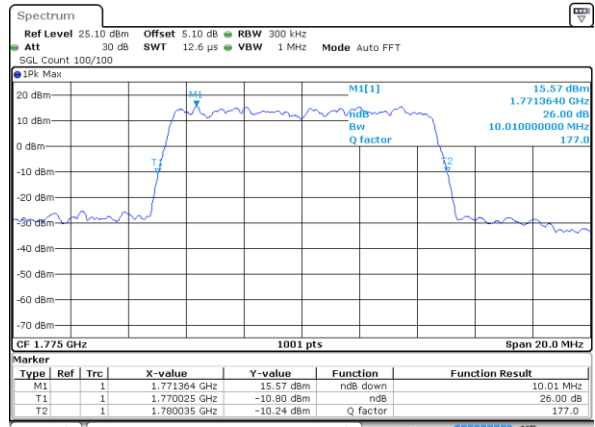
Date: 23 MAY 2018 14:40:18

Highest Channel / 10MHz / QPSK



Date: 23 MAY 2018 14:41:15

Highest Channel / 10MHz / 16QAM

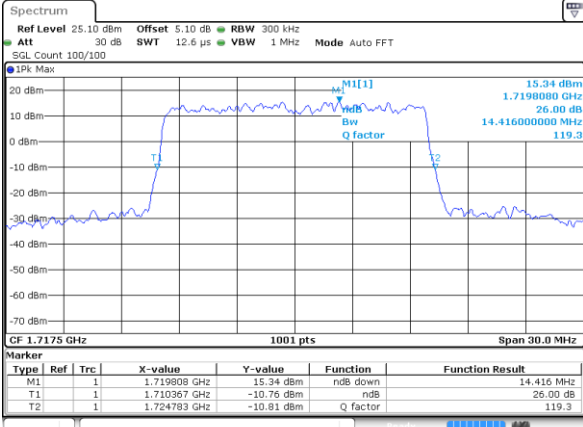


Date: 23 MAY 2018 14:41:30



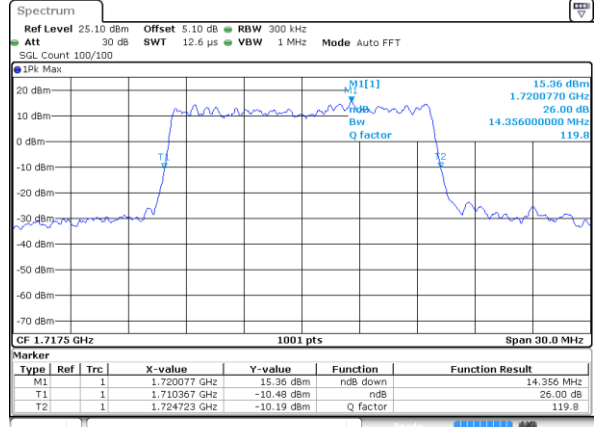
LTE Band 66

Lowest Channel / 15MHz / QPSK



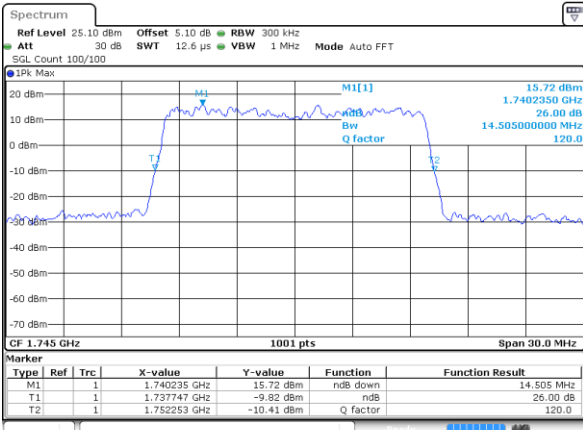
Date: 23 MAY 2018 15:07:40

Lowest Channel / 15MHz / 16QAM



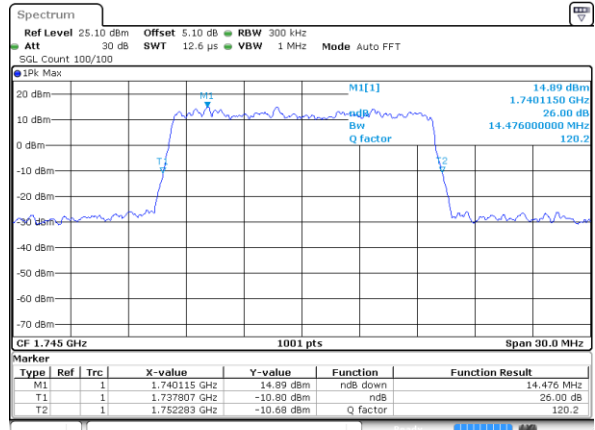
Date: 23 MAY 2018 15:08:01

Middle Channel / 15MHz / QPSK



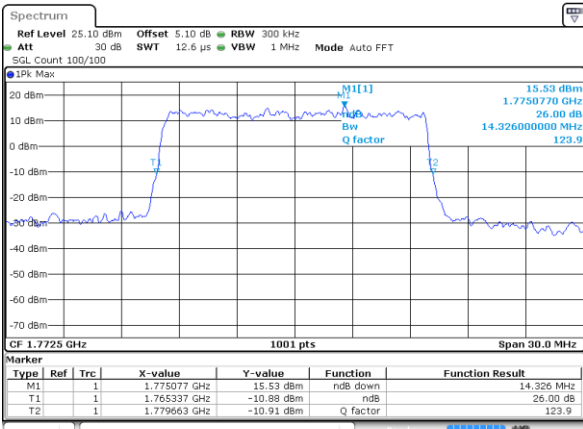
Date: 23 MAY 2018 15:10:54

Middle Channel / 15MHz / 16QAM



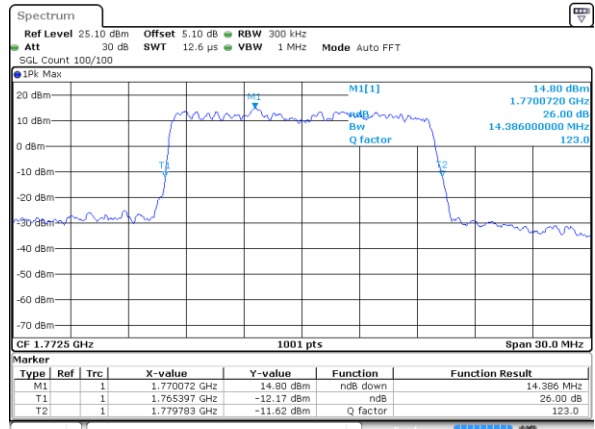
Date: 23 MAY 2018 15:10:40

Highest Channel / 15MHz / QPSK



Date: 23 MAY 2018 15:11:21

Highest Channel / 15MHz / 16QAM

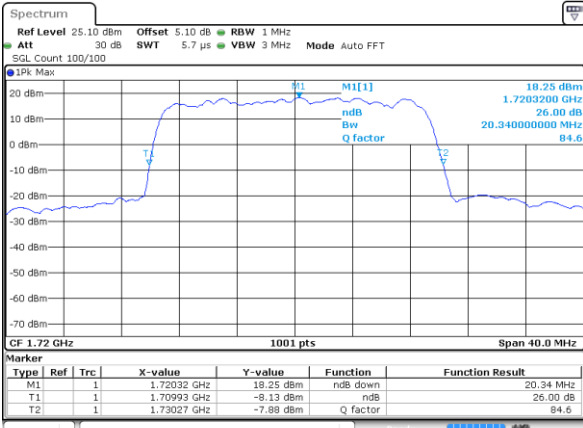


Date: 23 MAY 2018 15:11:38



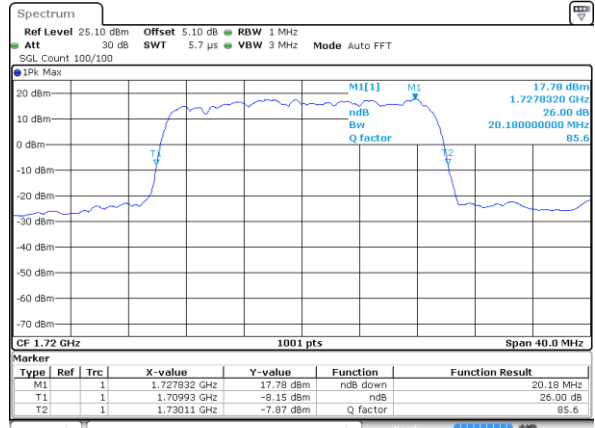
LTE Band 66

Lowest Channel / 20MHz / QPSK



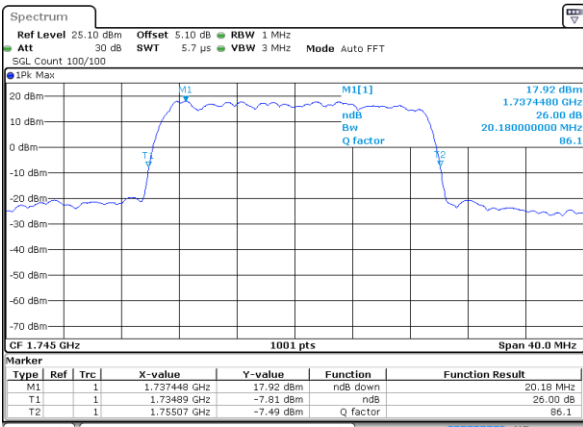
Date: 23 MAY 2018 15:24:05

Lowest Channel / 20MHz / 16QAM



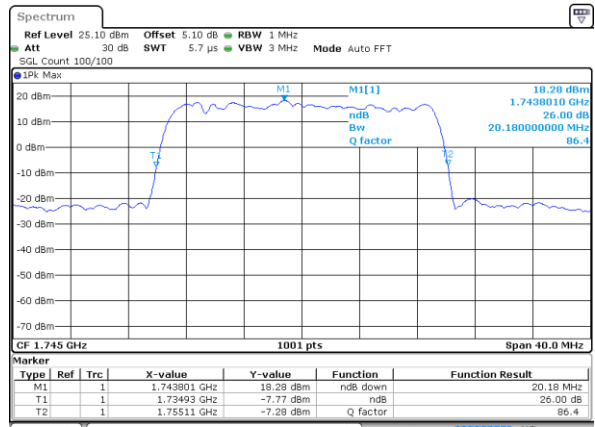
Date: 23 MAY 2018 15:24:20

Middle Channel / 20MHz / QPSK



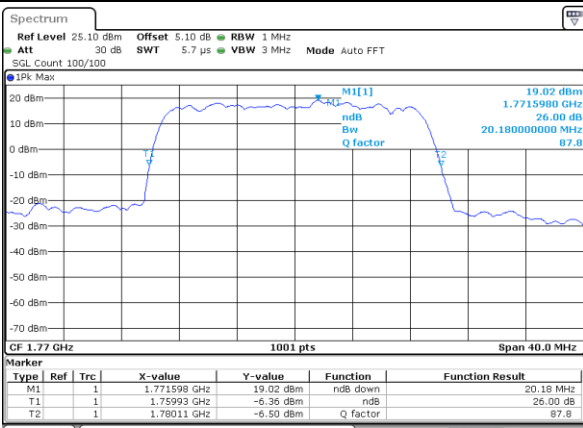
Date: 23 MAY 2018 15:25:35

Middle Channel / 20MHz / 16QAM



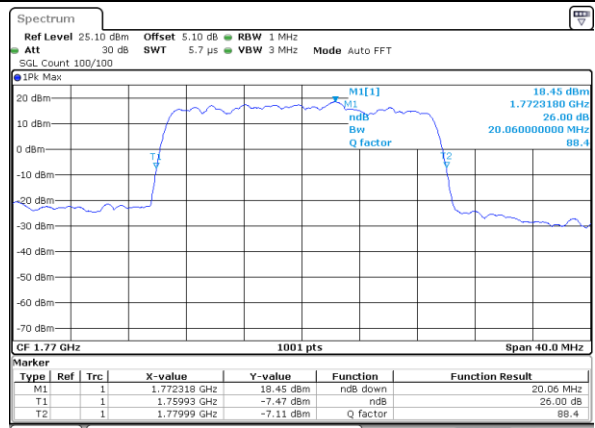
Date: 23 MAY 2018 15:25:19

Highest Channel / 20MHz / QPSK



Date: 23 MAY 2018 15:26:25

Highest Channel / 20MHz / 16QAM

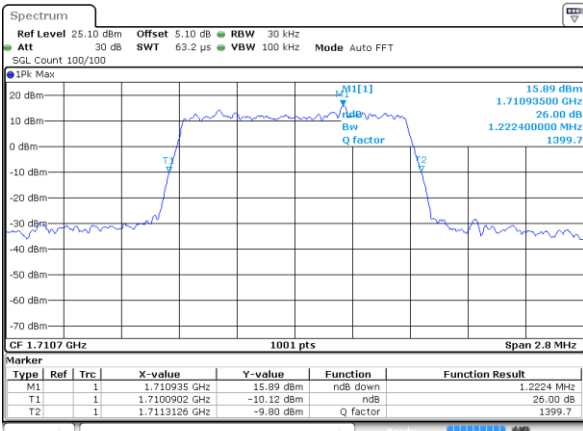


Date: 23 MAY 2018 15:26:42



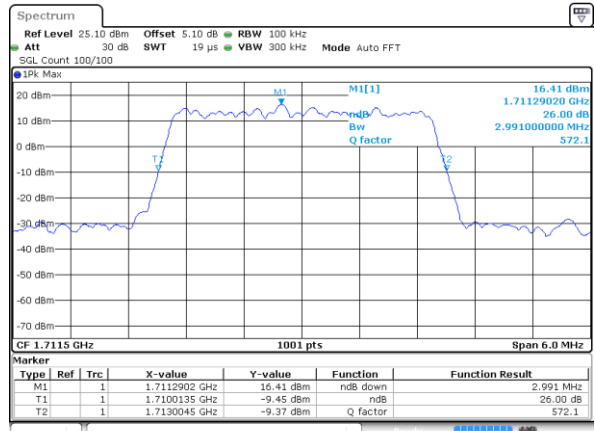
LTE Band 66

Lowest Channel / 1.4MHz / 64QPSK



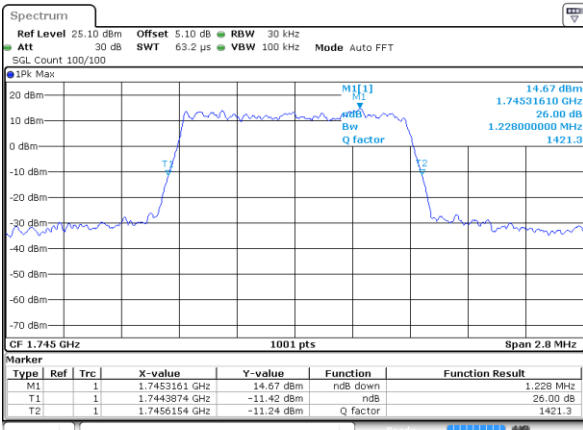
Date: 23 MAY 2018 11:39:00

Lowest Channel / 3MHz / 64QAM



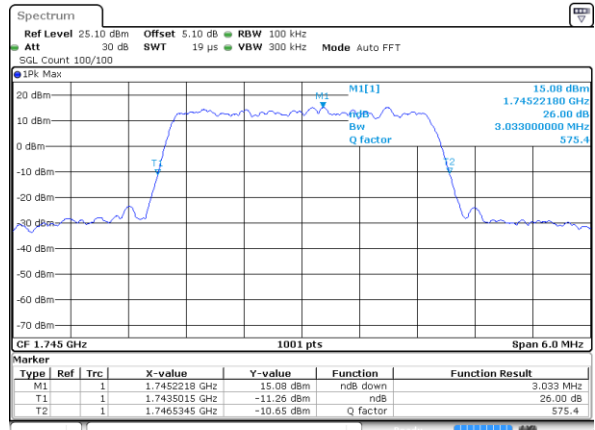
Date: 23 MAY 2018 13:48:58

Middle Channel / 1.4MHz / 64QPSK



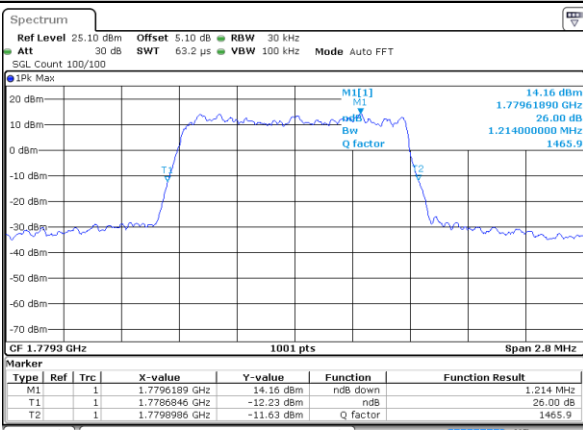
Date: 23 MAY 2018 11:39:29

Middle Channel / 3MHz / 64QAM



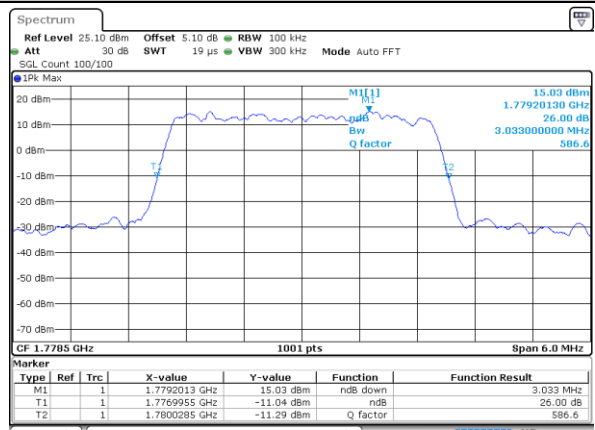
Date: 23 MAY 2018 13:49:55

Highest Channel / 1.4MHz / 64QPSK



Date: 23 MAY 2018 11:41:19

Highest Channel / 3MHz / 64QAM

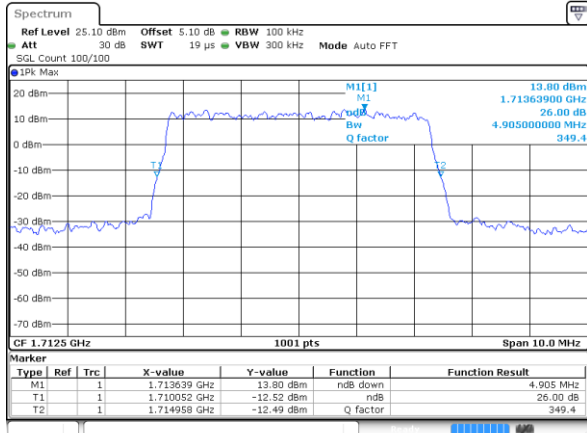


Date: 23 MAY 2018 13:51:52



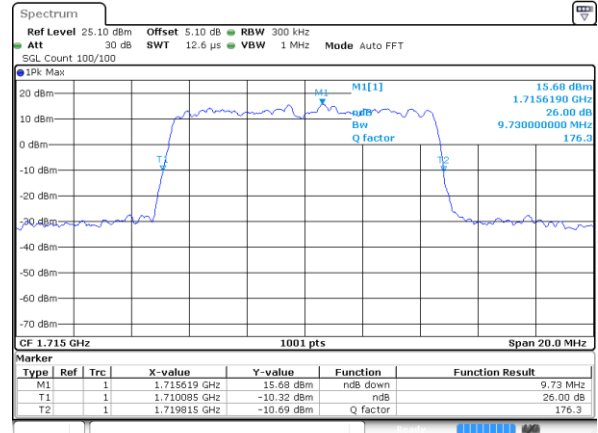
LTE Band 66

Lowest Channel / 5MHz / 64QPSK



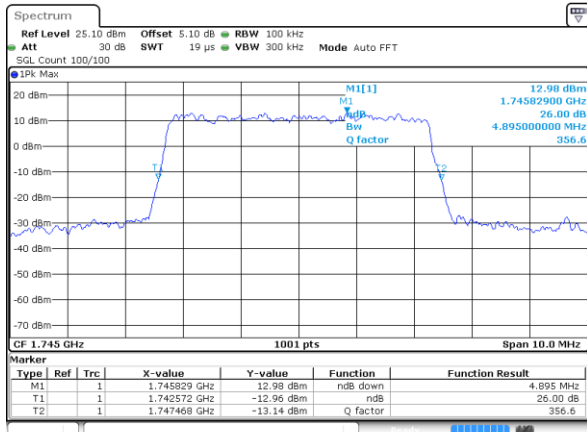
Date: 23 MAY 2018 14:18:16

Lowest Channel / 10MHz / 64QAM



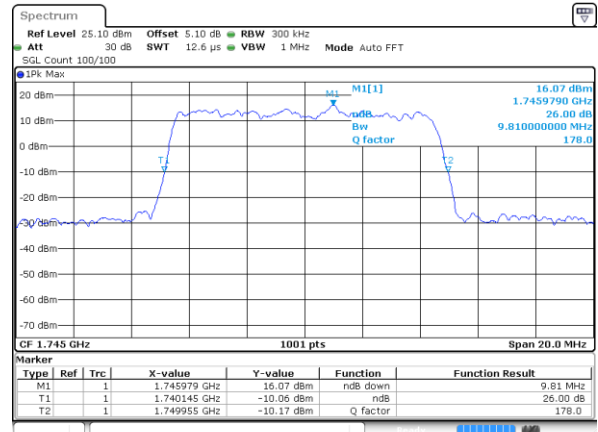
Date: 23 MAY 2018 14:38:37

Middle Channel / 5MHz / 64QPSK



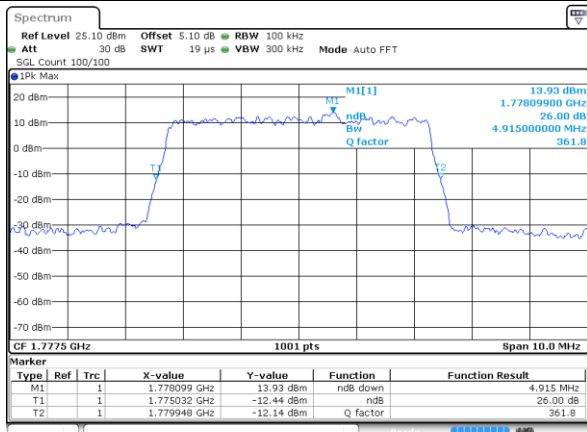
Date: 23 MAY 2018 14:18:46

Middle Channel / 10MHz / 64QAM



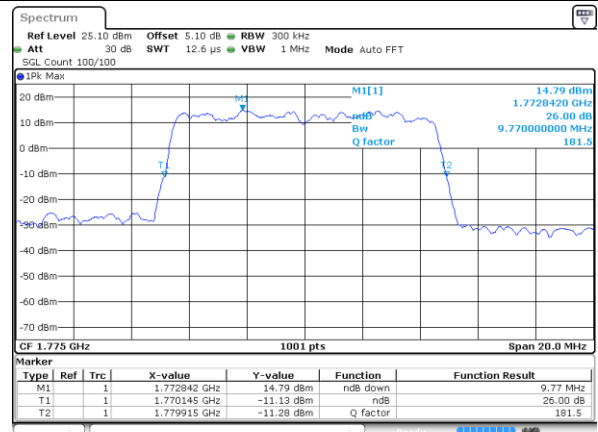
Date: 23 MAY 2018 14:40:03

Highest Channel / 5MHz / 64QPSK



Date: 23 MAY 2018 14:20:35

Highest Channel / 10MHz / 64QAM

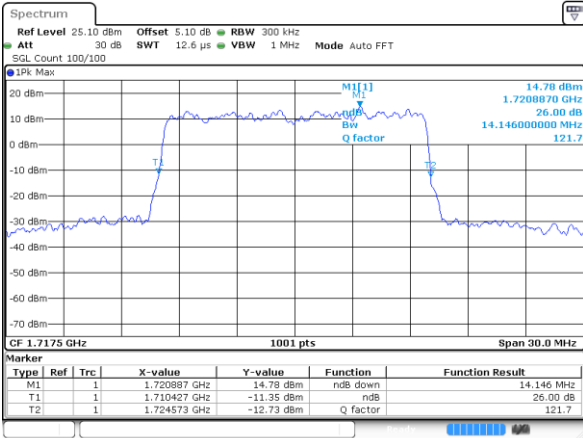


Date: 23 MAY 2018 14:49:25



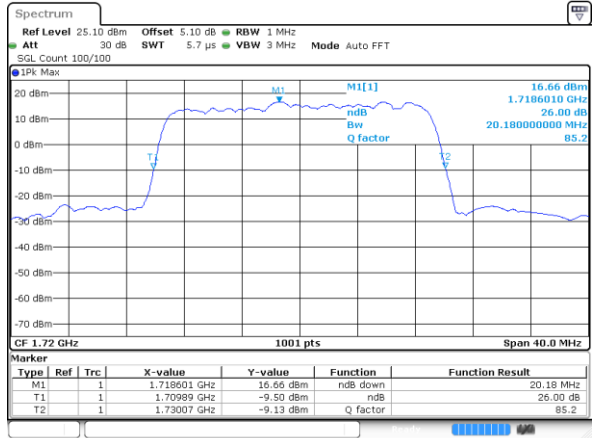
LTE Band 66

Lowest Channel / 15MHz / 64QPSK



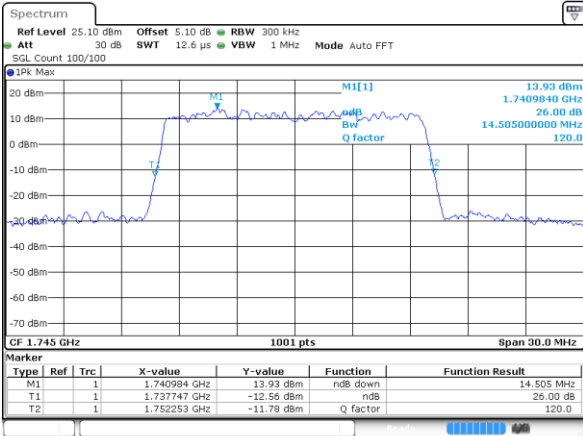
Date: 23 MAY 2018 15:08:17

Lowest Channel / 20MHz / 64QAM



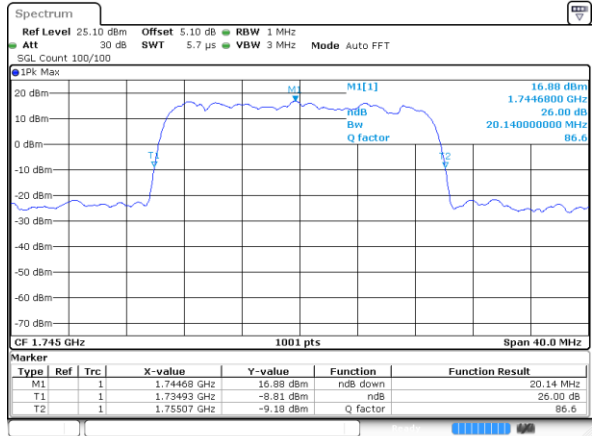
Date: 23 MAY 2018 15:24:37

Middle Channel / 15MHz / 64QPSK



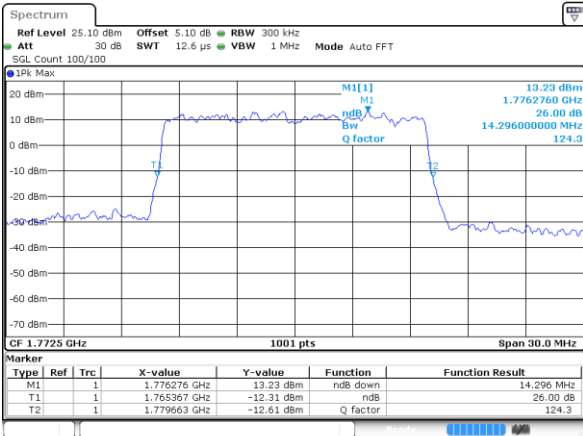
Date: 23 MAY 2018 15:10:25

Middle Channel / 20MHz / 64QAM



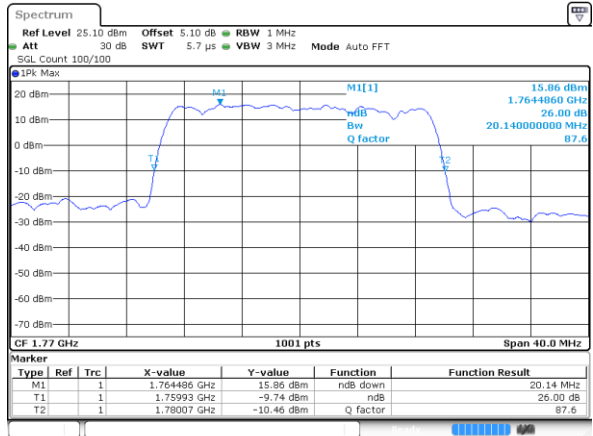
Date: 23 MAY 2018 15:25:03

Highest Channel / 15MHz / 64QPSK



Date: 23 MAY 2018 15:11:53

Highest Channel / 20MHz / 64QAM



Date: 23 MAY 2018 15:26:57



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	1.09	1.09	2.71	2.72	4.48	4.48	9.05	9.07	13.37	13.40	18.18	18.50
Middle CH	1.09	1.10	2.71	2.74	4.47	4.50	9.01	9.07	13.40	13.40	18.34	18.42
Highest CH	1.09	1.09	2.72	2.73	4.48	4.47	9.01	9.01	13.43	13.43	18.30	18.34
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10		2.70		4.47		8.99		13.46		18.22	
Middle CH	1.09		2.73		4.49		9.03		13.46		18.30	
Highest CH	1.09		2.74		4.48		9.03		13.46		18.34	

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	1.08	1.10	2.72	2.71	4.53	4.50	9.01	9.01	1.09	2.72	4.49	8.95
Middle CH	1.09	1.09	2.70	2.72	4.50	4.49	9.03	9.03	1.09	2.74	4.49	8.95
Highest CH	1.09	1.09	2.73	2.73	4.49	4.49	9.03	8.93	1.09	2.72	4.50	8.99

Mode	LTE Band 7 : 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	4.51	8.97	8.97	13.37	13.40	18.38	18.42
Middle CH	-	-	-	-	4.52	4.50	8.99	9.01	13.40	13.46	18.46	18.26
Highest CH	-	-	-	-	4.49	4.50	9.01	9.01	13.46	13.43	18.22	18.34
BW	5MHz		10MHz		15MHz		20MHz					
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	4.48		9.01		13.40		18.18					
Middle CH	4.49		8.99		13.43		18.26					
Highest CH	4.47		9.01		13.49		18.30					



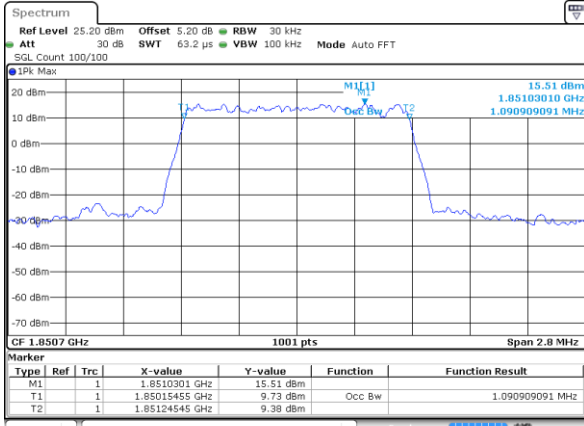
Mode	LTE Band 13 : 99%OBW(MHz)										
BW	5MHz		10MHz		5MHz	10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM					
Lowest CH	4.47	4.47	-	-	4.48	-					
Middle CH	4.49	4.47	9.05	9.03	4.51	9.03					
Highest CH	4.50	4.49	-	-	4.50	-					

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.71	4.47	4.50	8.97	9.01	13.43	13.40	18.38	18.26
Middle CH	1.09	1.09	2.70	2.73	4.50	4.49	9.05	8.99	13.52	13.52	18.38	18.38
Highest CH	1.09	1.10	2.73	2.71	4.46	4.49	8.99	8.97	13.43	13.43	18.30	18.26
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.50		8.99		13.40		18.22	
Middle CH	1.09		2.70		4.47		9.09		13.46		18.34	
Highest CH	1.09		2.73		4.50		9.03		13.40		18.42	



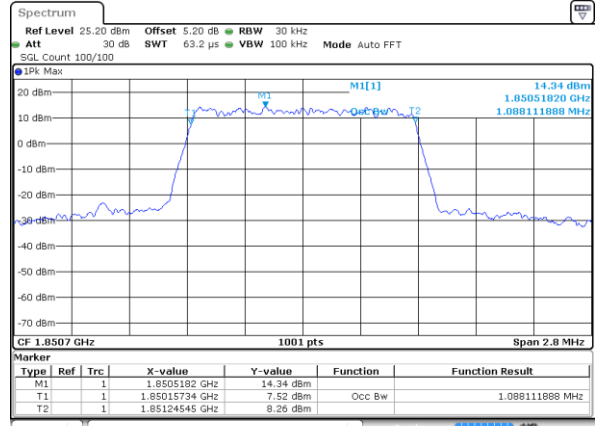
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



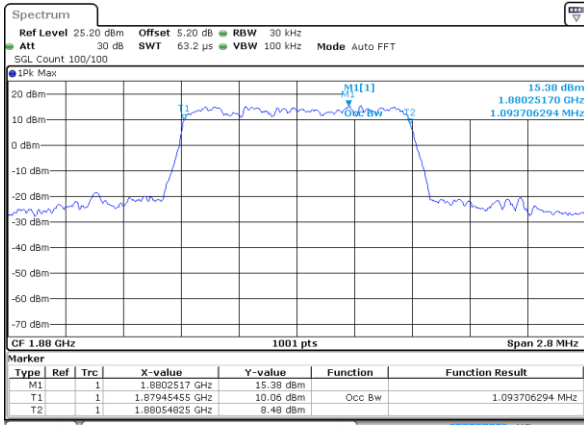
Date: 21 MAY 2018 22:41:56

Lowest Channel / 1.4MHz / 16QAM



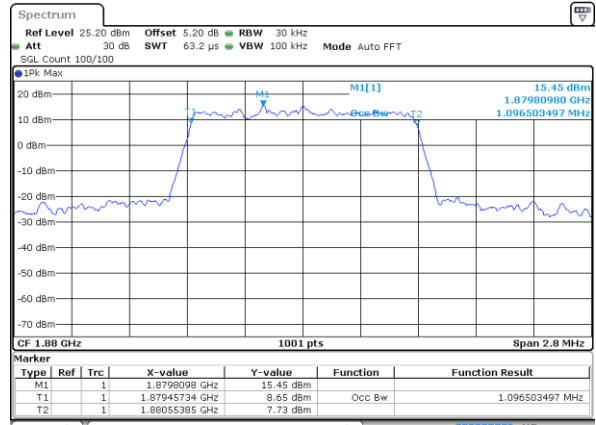
Date: 21 MAY 2018 22:42:08

Middle Channel / 1.4MHz / QPSK



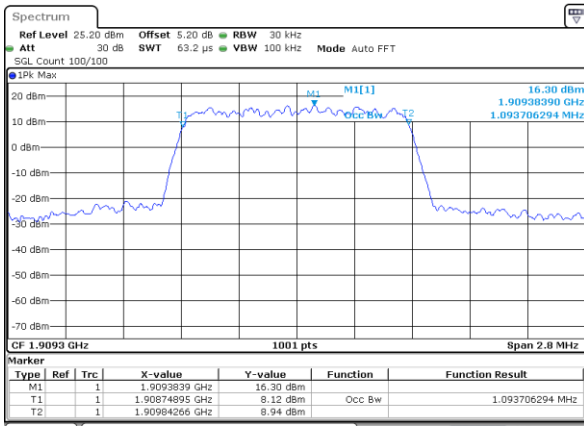
Date: 21 MAY 2018 22:49:04

Middle Channel / 1.4MHz / 16QAM



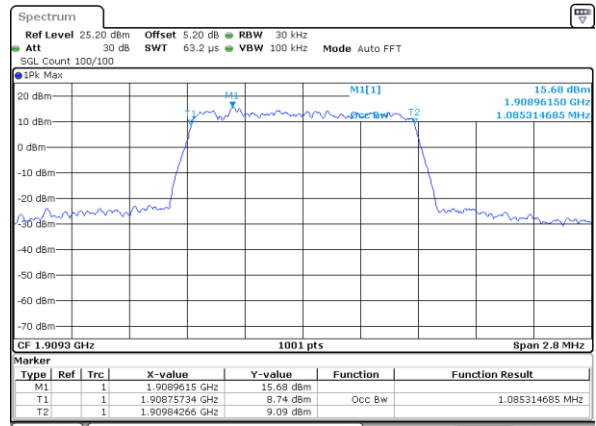
Date: 21 MAY 2018 22:49:15

Highest Channel / 1.4MHz / QPSK



Date: 21 MAY 2018 22:51:37

Highest Channel / 1.4MHz / 16QAM

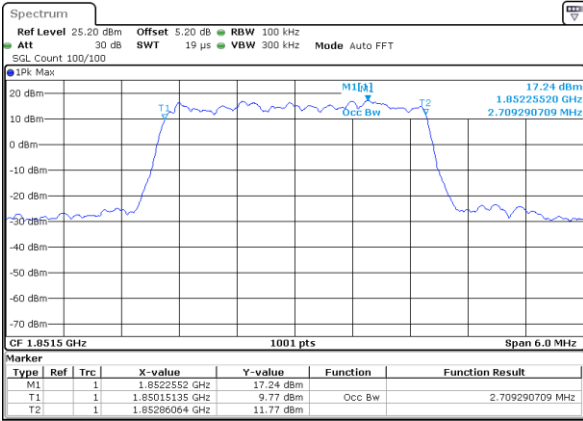


Date: 21 MAY 2018 22:51:47



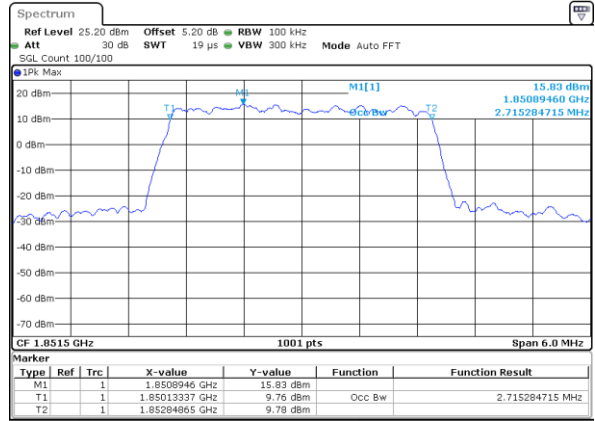
LTE Band 2

Lowest Channel / 3MHz / QPSK



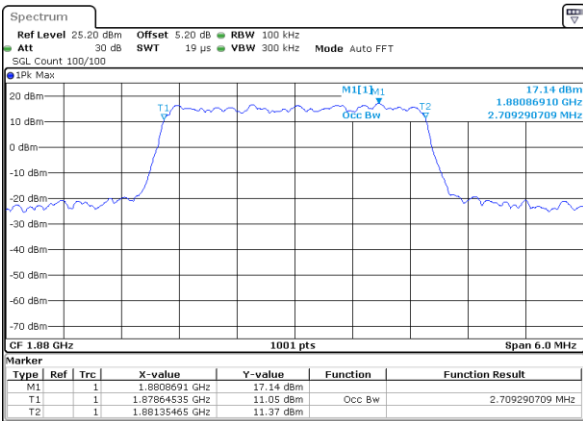
Date: 21 MAY 2018 22:58:41

Lowest Channel / 3MHz / 16QAM



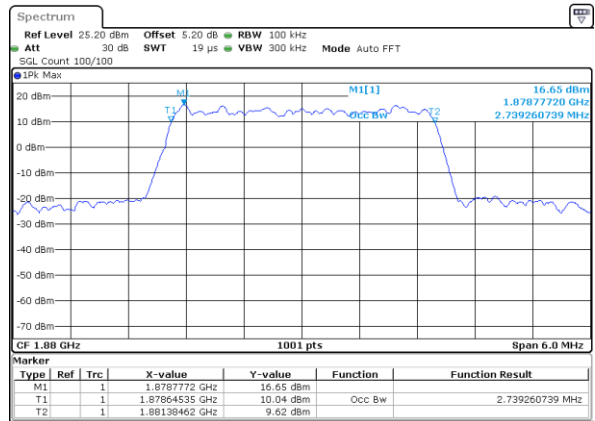
Date: 21 MAY 2018 22:58:52

Middle Channel / 3MHz / QPSK



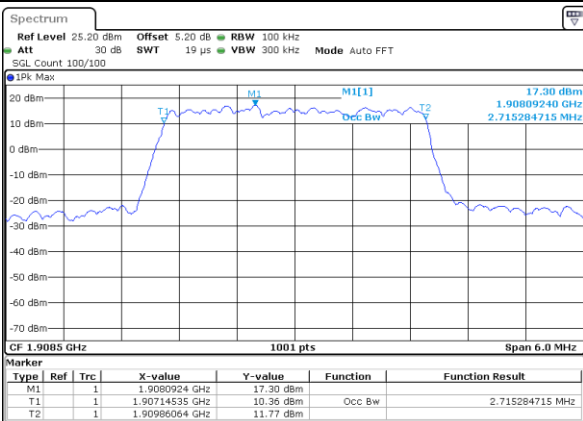
Date: 21 MAY 2018 23:05:47

Middle Channel / 3MHz / 16QAM



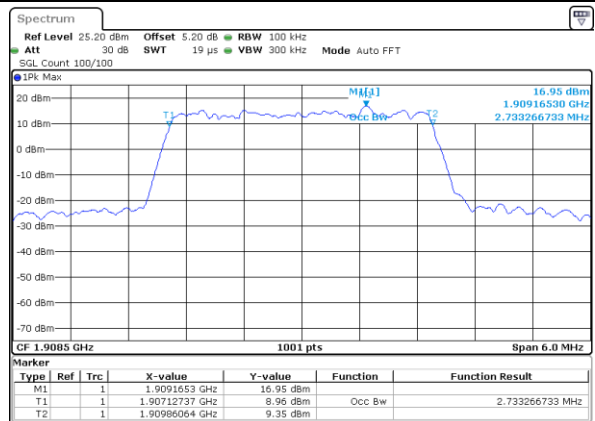
Date: 21 MAY 2018 23:05:58

Highest Channel / 3MHz / QPSK



Date: 21 MAY 2018 23:08:20

Highest Channel / 3MHz / 16QAM

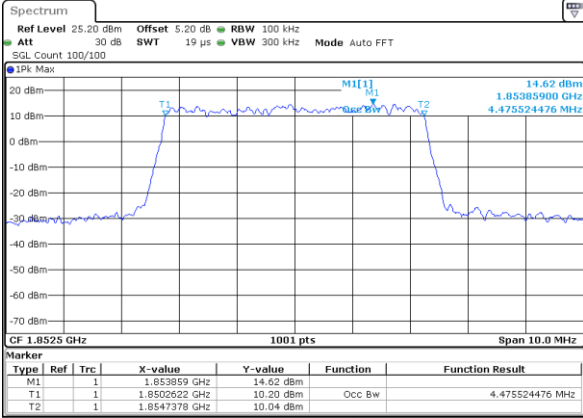


Date: 21 MAY 2018 23:08:31



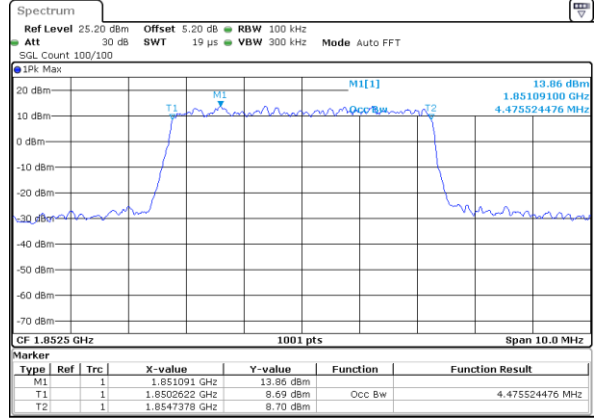
LTE Band 2

Lowest Channel / 5MHz / QPSK



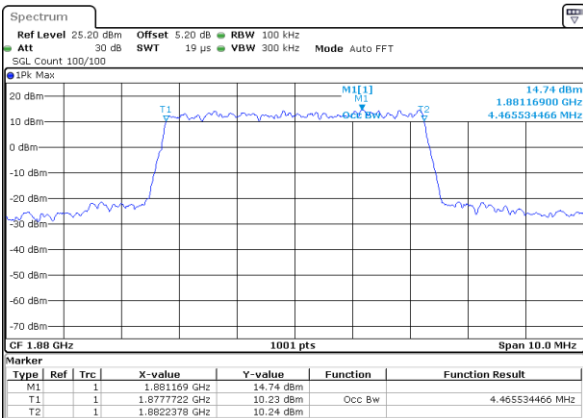
Date: 21 MAY 2018 23:15:26

Lowest Channel / 5MHz / 16QAM



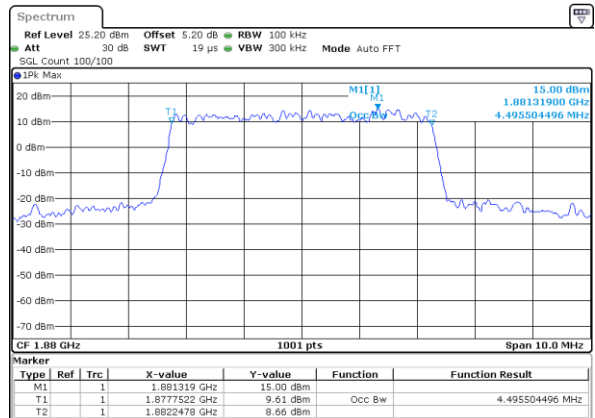
Date: 21 MAY 2018 23:15:37

Middle Channel / 5MHz / QPSK



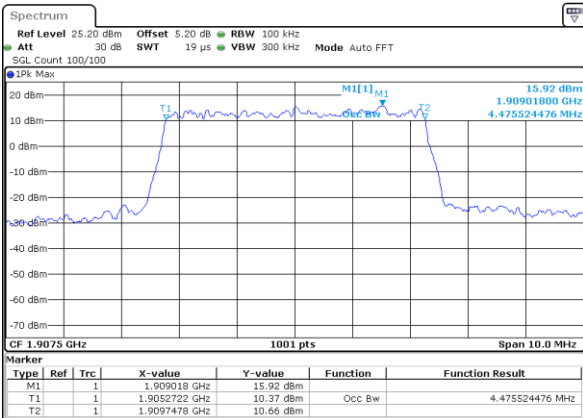
Date: 21 MAY 2018 23:22:33

Middle Channel / 5MHz / 16QAM



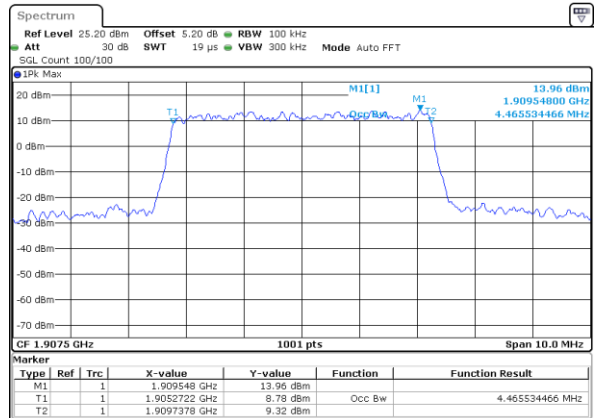
Date: 21 MAY 2018 23:22:44

Highest Channel / 5MHz / QPSK



Date: 21 MAY 2018 23:25:07

Highest Channel / 5MHz / 16QAM

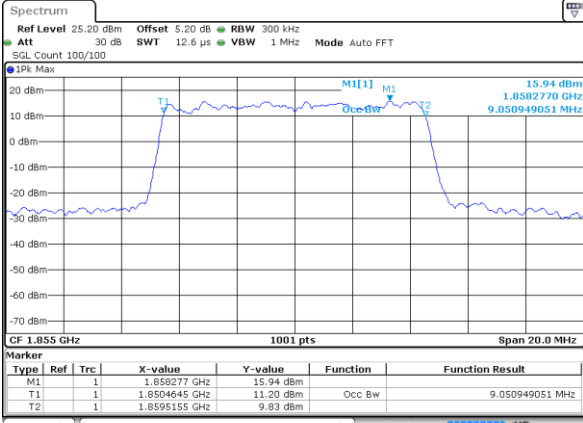


Date: 21 MAY 2018 23:25:18



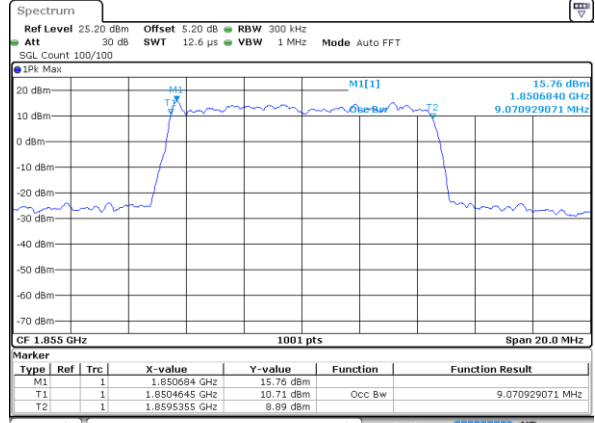
LTE Band 2

Lowest Channel / 10MHz / QPSK



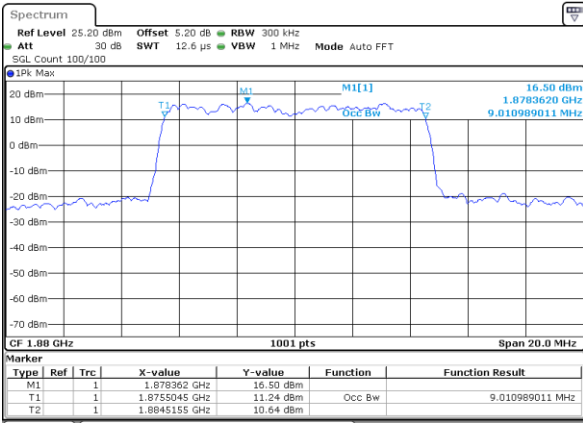
Date: 21 MAY 2018 23:32:15

Lowest Channel / 10MHz / 16QAM



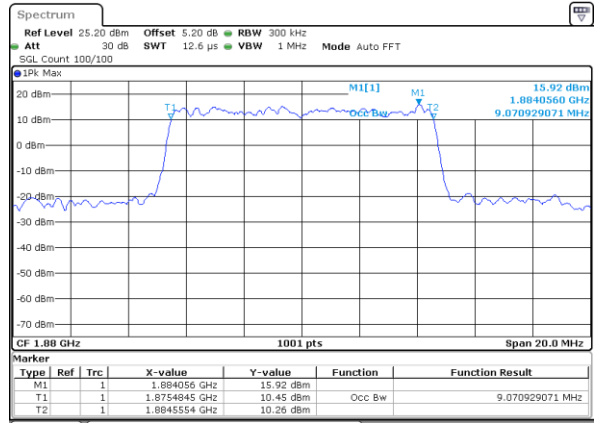
Date: 21 MAY 2018 23:32:26

Middle Channel / 10MHz / QPSK



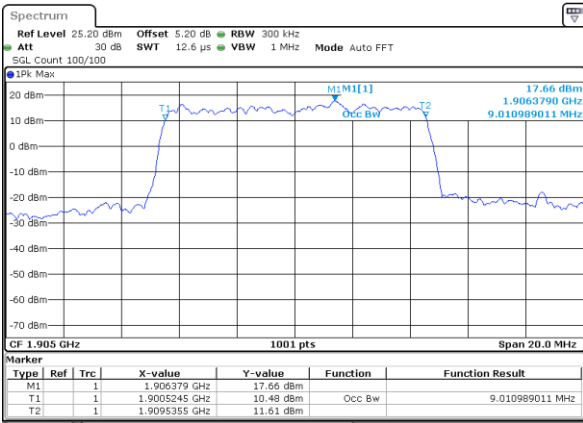
Date: 21 MAY 2018 23:39:23

Middle Channel / 10MHz / 16QAM



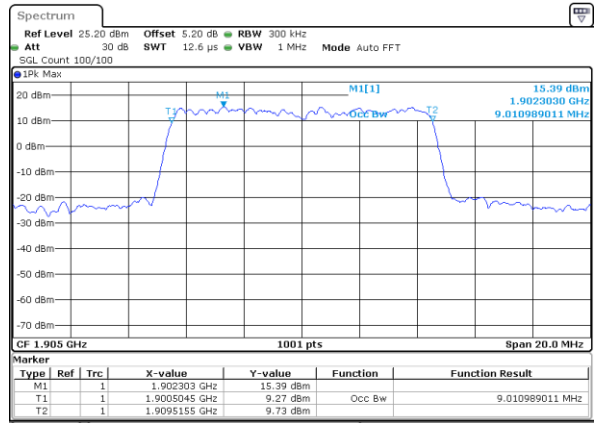
Date: 21 MAY 2018 23:39:33

Highest Channel / 10MHz / QPSK



Date: 21 MAY 2018 23:41:56

Highest Channel / 10MHz / 16QAM

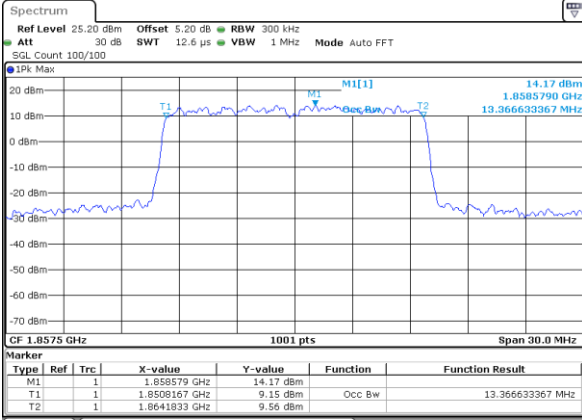


Date: 21 MAY 2018 23:42:07



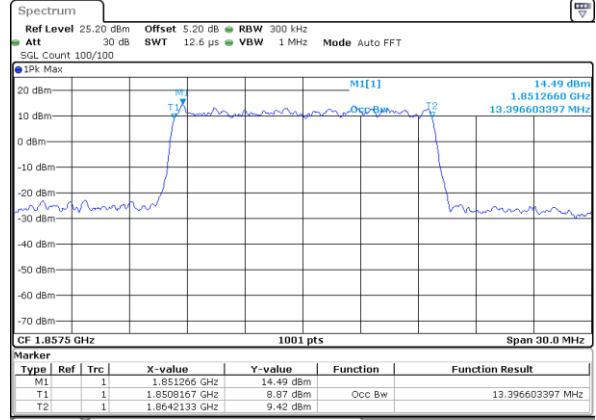
LTE Band 2

Lowest Channel / 15MHz / QPSK



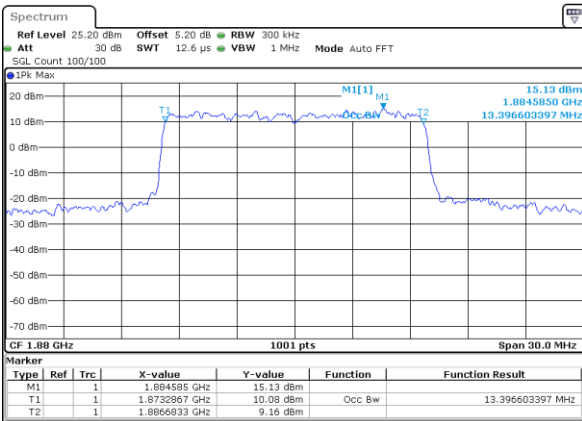
Date: 21 MAY 2018 23:49:03

Lowest Channel / 15MHz / 16QAM



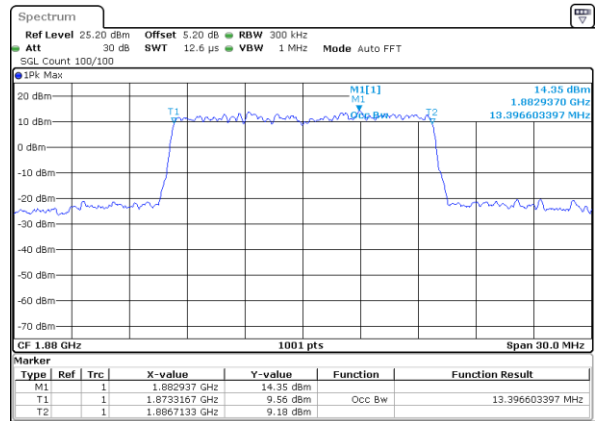
Date: 21 MAY 2018 23:49:14

Middle Channel / 15MHz / QPSK



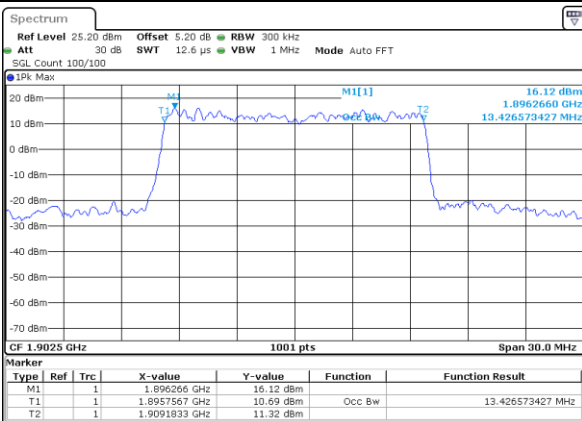
Date: 21 MAY 2018 23:56:09

Middle Channel / 15MHz / 16QAM



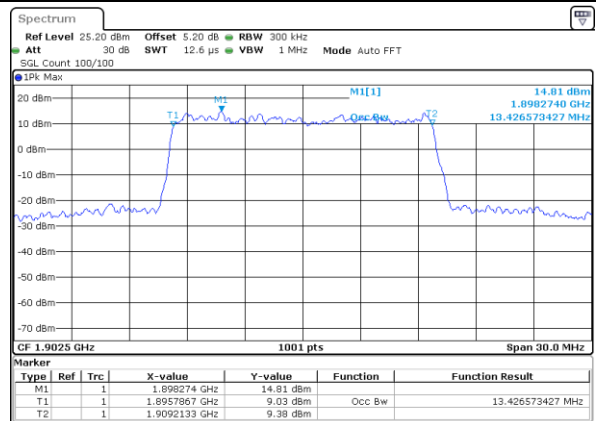
Date: 21 MAY 2018 23:56:20

Highest Channel / 15MHz / QPSK



Date: 21 MAY 2018 23:58:43

Highest Channel / 15MHz / 16QAM

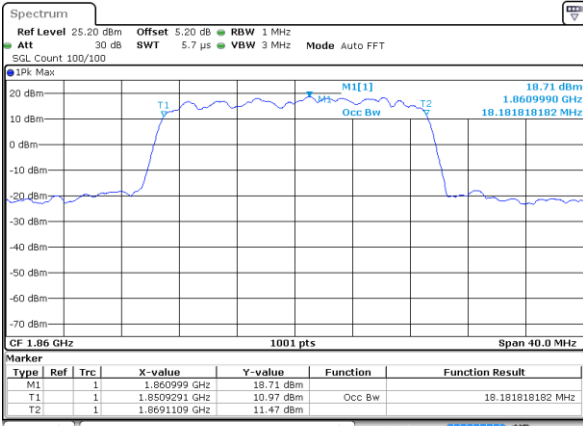


Date: 21 MAY 2018 23:58:54



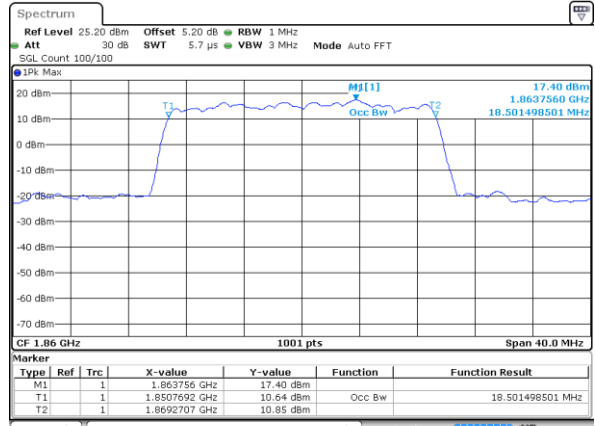
LTE Band 2

Lowest Channel / 20MHz / QPSK



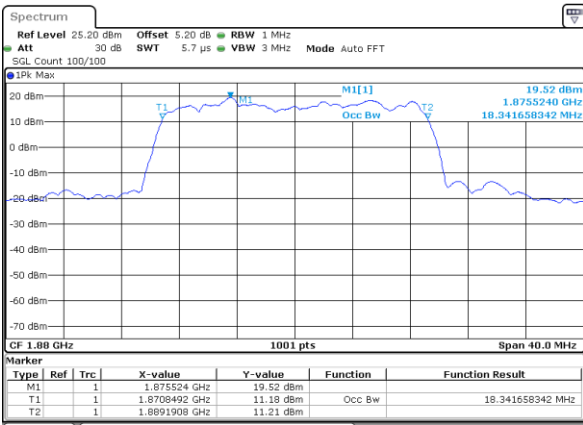
Date: 22 MAY 2018 00:05:49

Lowest Channel / 20MHz / 16QAM



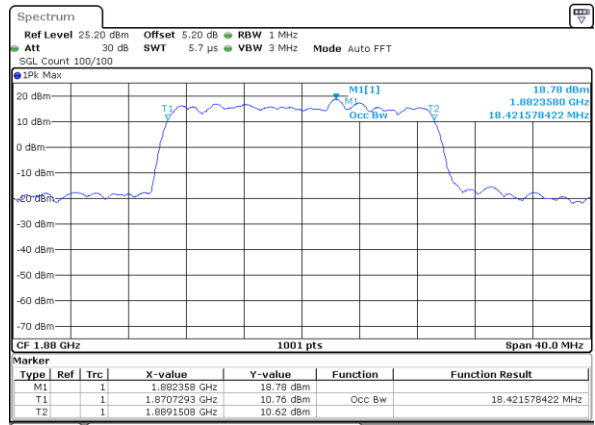
Date: 22 MAY 2018 00:06:00

Middle Channel / 20MHz / QPSK



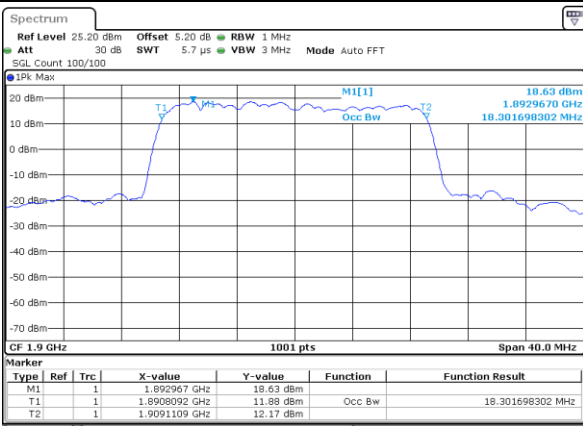
Date: 22 MAY 2018 00:12:57

Middle Channel / 20MHz / 16QAM



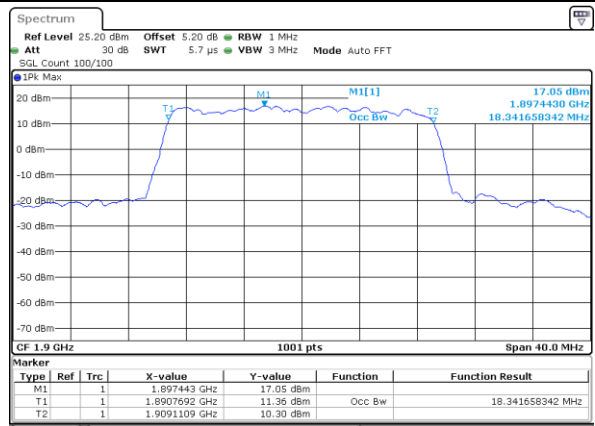
Date: 22 MAY 2018 00:13:08

Highest Channel / 20MHz / QPSK



Date: 22 MAY 2018 00:15:32

Highest Channel / 20MHz / 16QAM

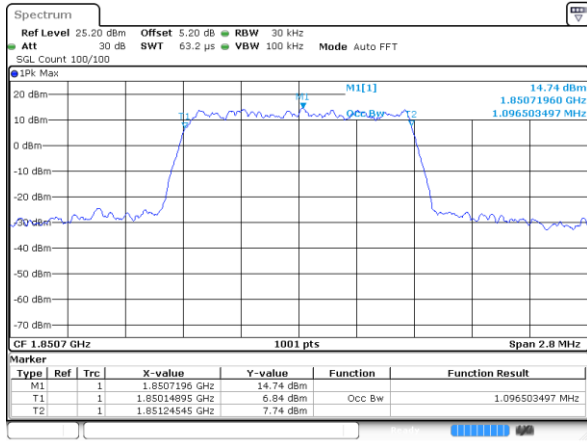


Date: 22 MAY 2018 00:15:43



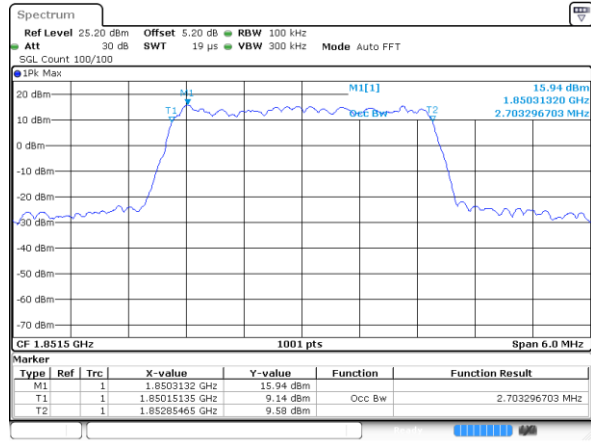
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



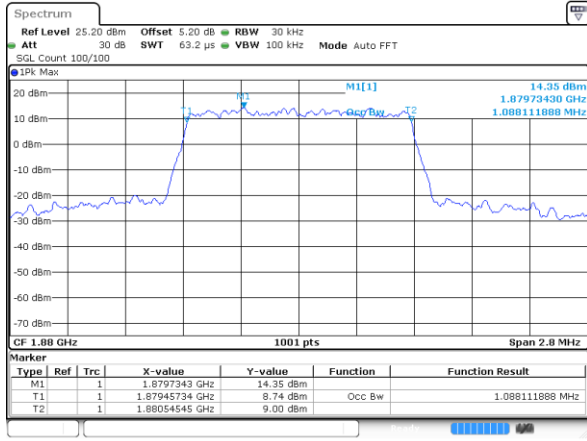
Date: 22 MAY 2018 00:43:19

Lowest Channel / 3MHz / 64QAM



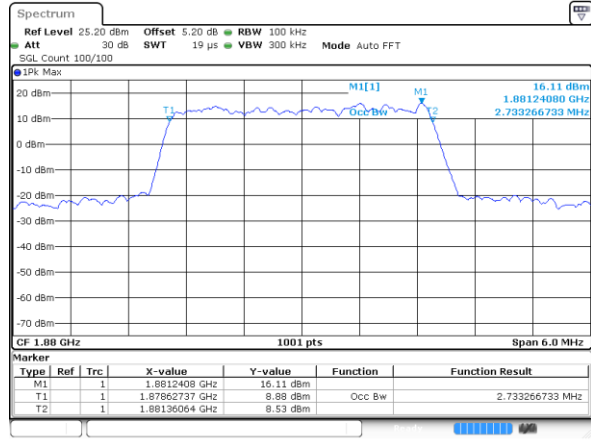
Date: 22 MAY 2018 00:43:51

Middle Channel / 1.4MHz / 64QAM



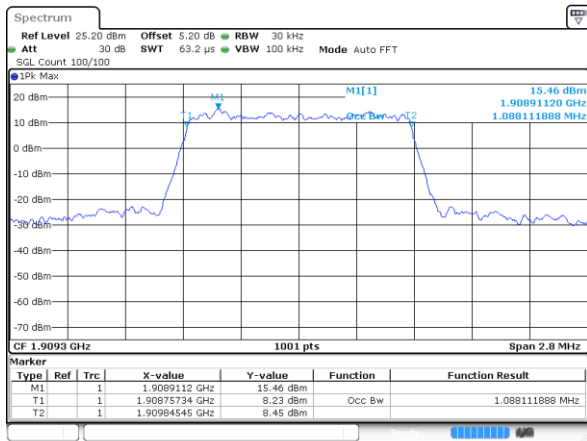
Date: 22 MAY 2018 00:43:30

Middle Channel / 3MHz / 64QAM



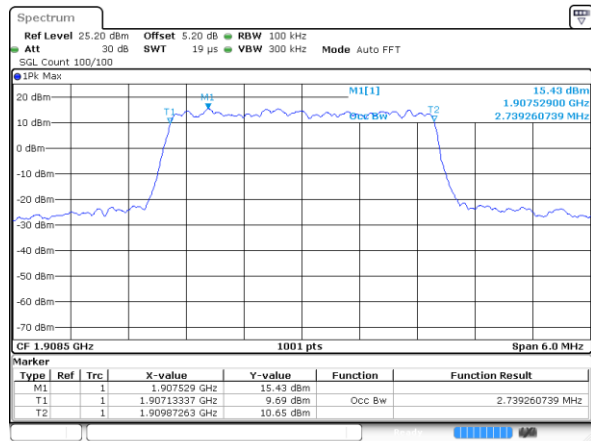
Date: 22 MAY 2018 00:44:02

Highest Channel / 1.4MHz / 64QAM



Date: 22 MAY 2018 00:43:40

Highest Channel / 3MHz / 64QAM

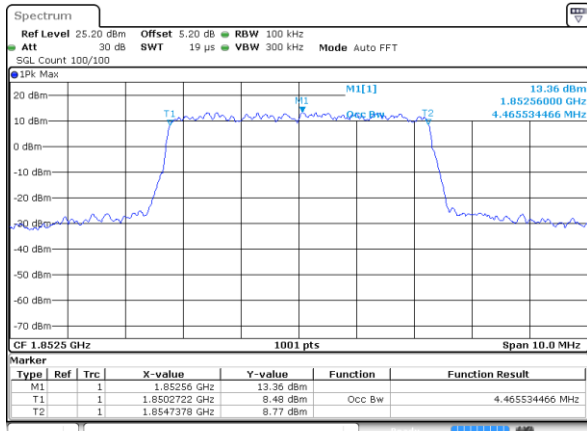


Date: 22 MAY 2018 00:44:12



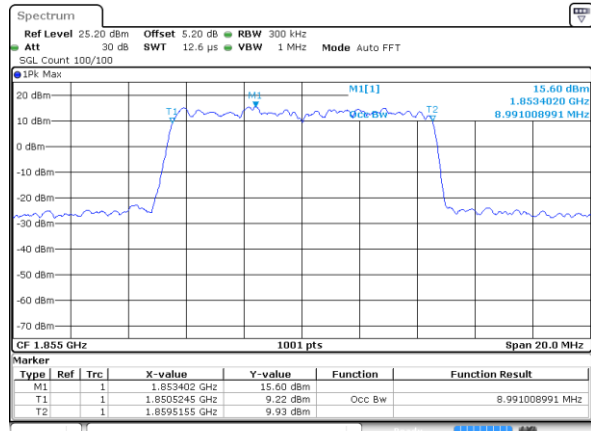
LTE Band 2

Lowest Channel / 5MHz / 64QAM



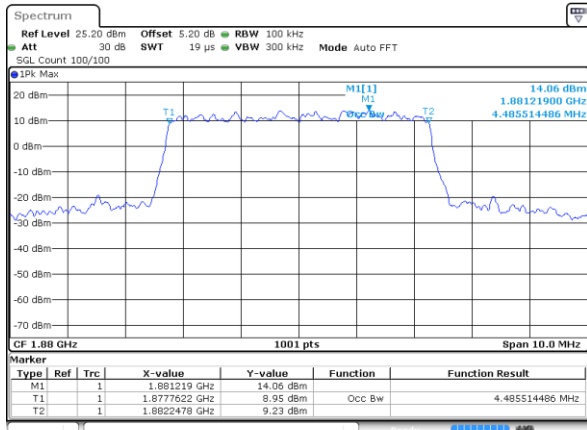
Date: 22 MAY 2018 00:44:23

Lowest Channel / 10MHz / 64QAM



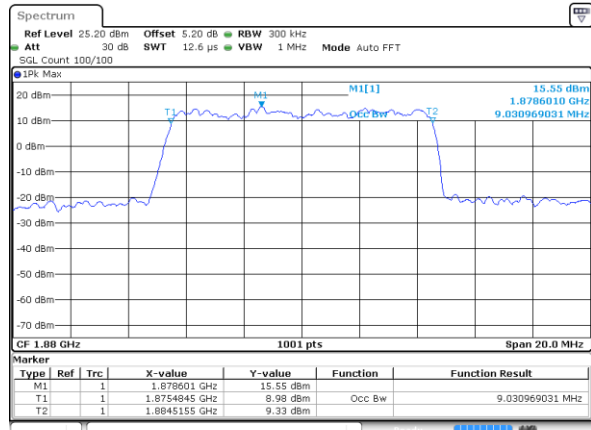
Date: 22 MAY 2018 00:44:55

Middle Channel / 5MHz / 64QAM



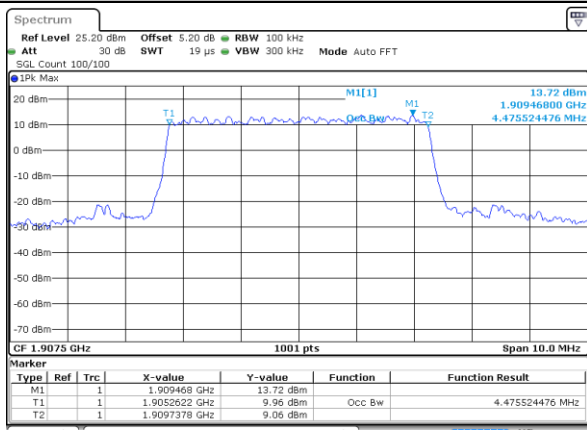
Date: 22 MAY 2018 00:44:34

Middle Channel / 10MHz / 64QAM



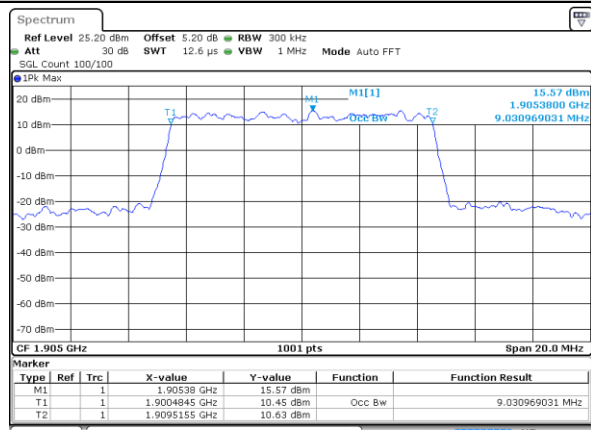
Date: 22 MAY 2018 00:45:05

Highest Channel / 5MHz / 64QAM



Date: 22 MAY 2018 00:44:44

Highest Channel / 10MHz / 64QAM

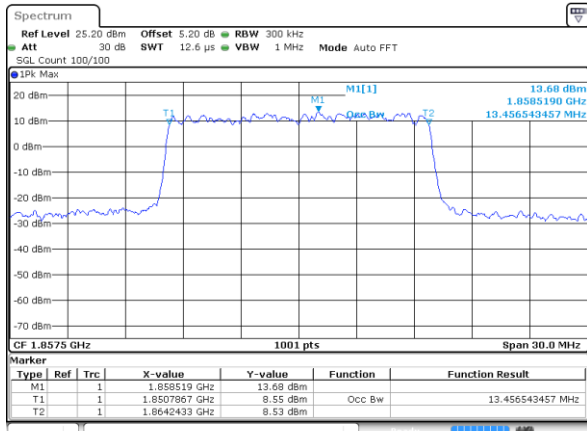


Date: 22 MAY 2018 00:45:16



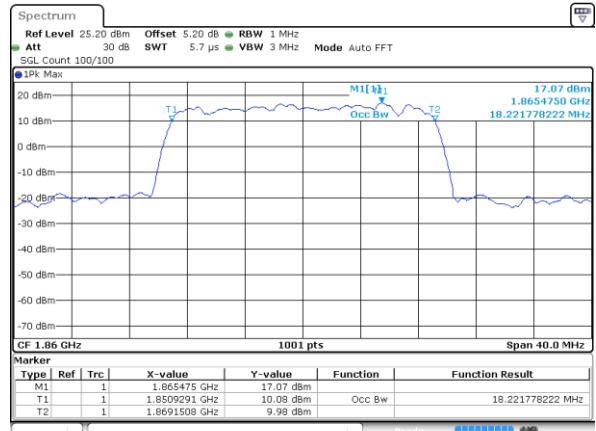
LTE Band 2

Lowest Channel / 15MHz / 64QAM



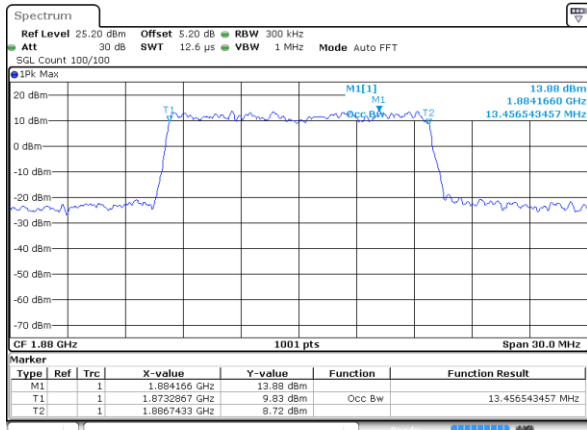
Date: 22 MAY 2018 00:45:27

Lowest Channel / 20MHz / 64QAM



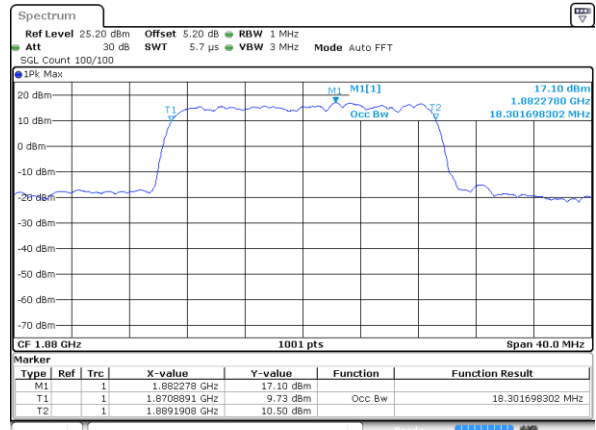
Date: 22 MAY 2018 00:45:59

Middle Channel / 15MHz / 64QAM



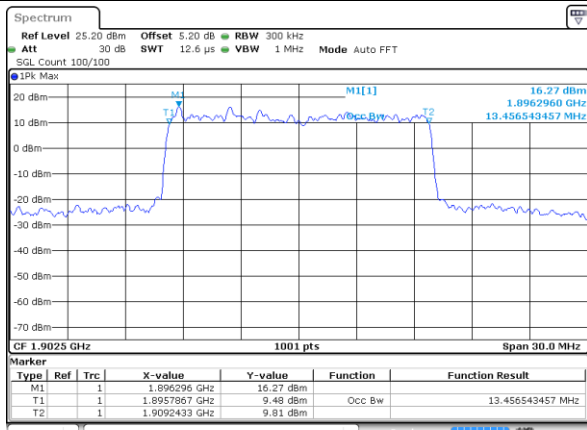
Date: 22 MAY 2018 00:45:38

Middle Channel / 20MHz / 64QAM



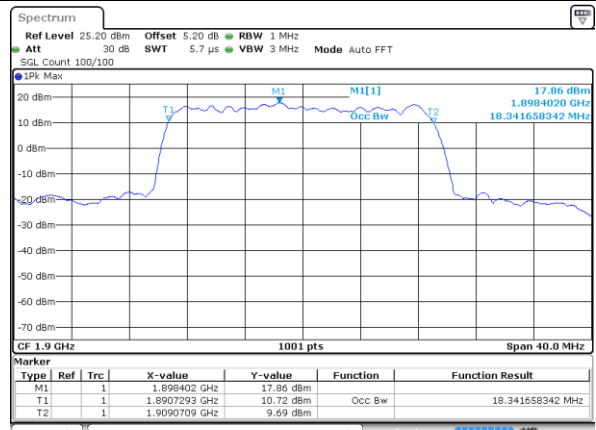
Date: 22 MAY 2018 00:46:10

Highest Channel / 15MHz / 64QAM



Date: 22 MAY 2018 00:45:48

Highest Channel / 20MHz / 64QAM

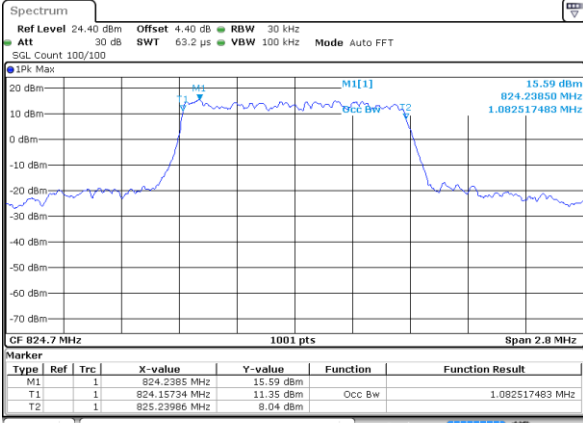


Date: 22 MAY 2018 00:46:21



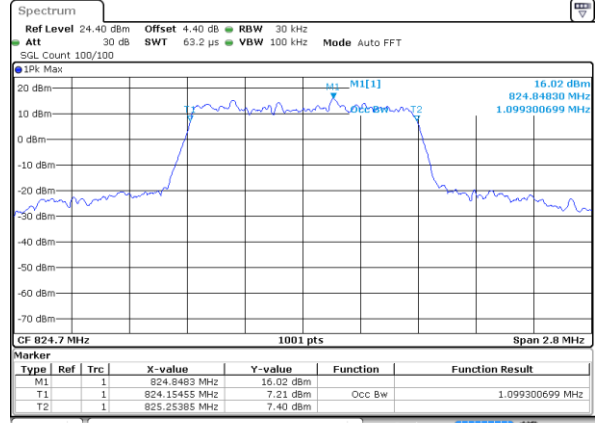
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



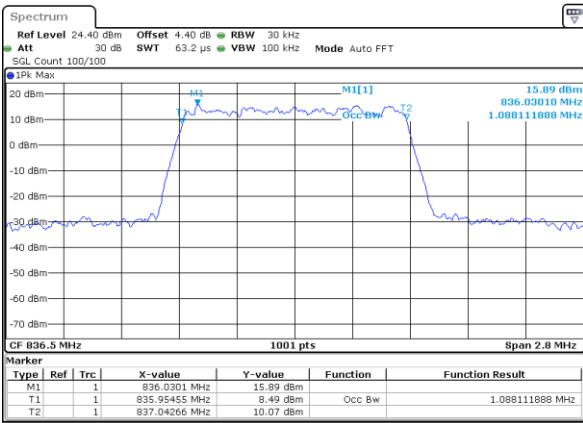
Date: 22 MAY 2018 09:05:54

Lowest Channel / 1.4MHz / 16QAM



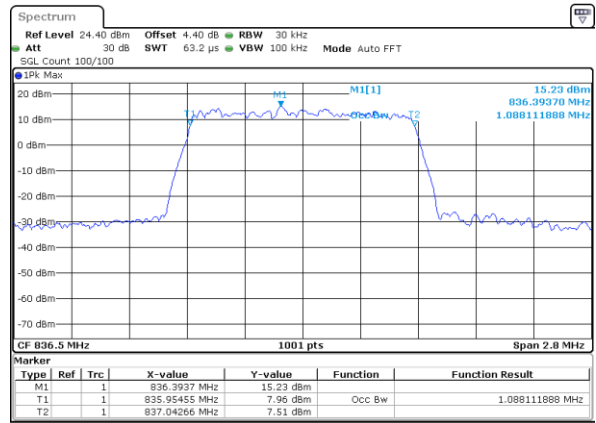
Date: 22 MAY 2018 09:06:04

Middle Channel / 1.4MHz / QPSK



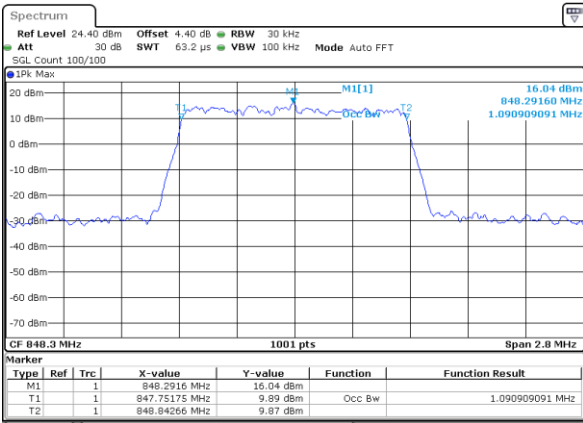
Date: 22 MAY 2018 09:14:59

Middle Channel / 1.4MHz / 16QAM



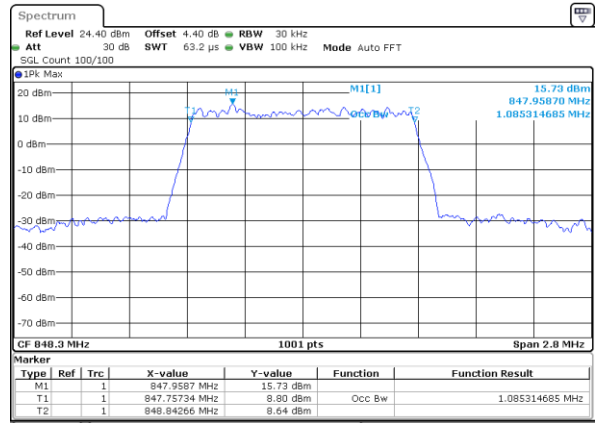
Date: 22 MAY 2018 09:15:09

Highest Channel / 1.4MHz / QPSK



Date: 22 MAY 2018 09:17:31

Highest Channel / 1.4MHz / 16QAM

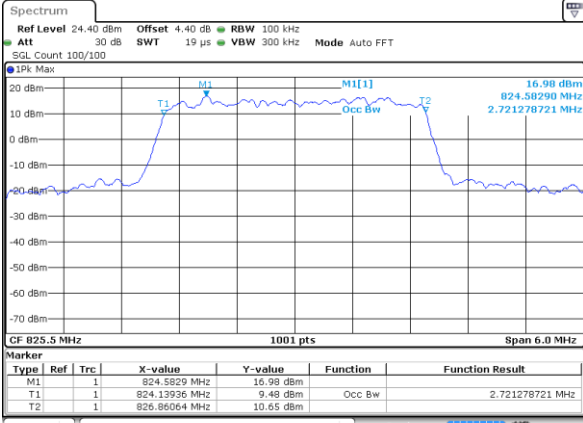


Date: 22 MAY 2018 09:17:42



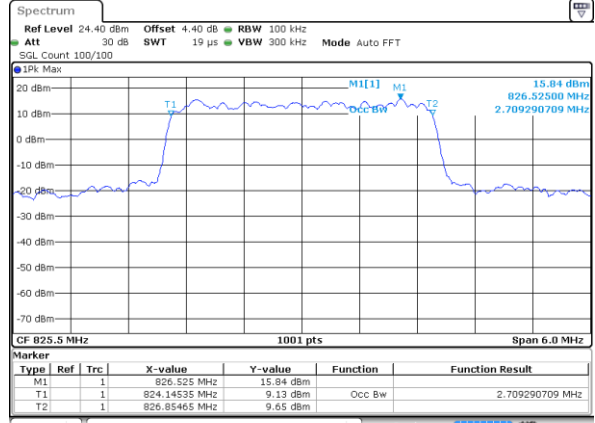
LTE Band 5

Lowest Channel / 3MHz / QPSK



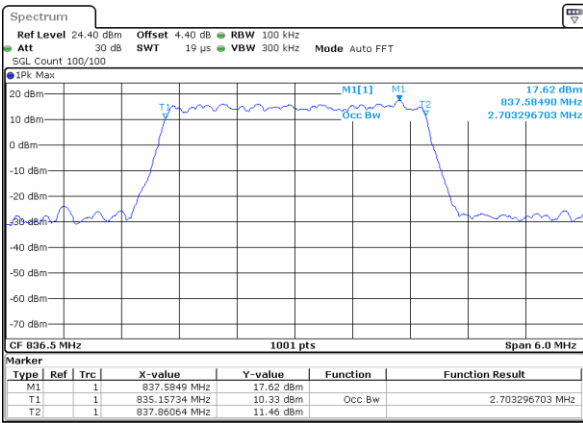
Date: 22 MAY 2018 09:26:36

Lowest Channel / 3MHz / 16QAM



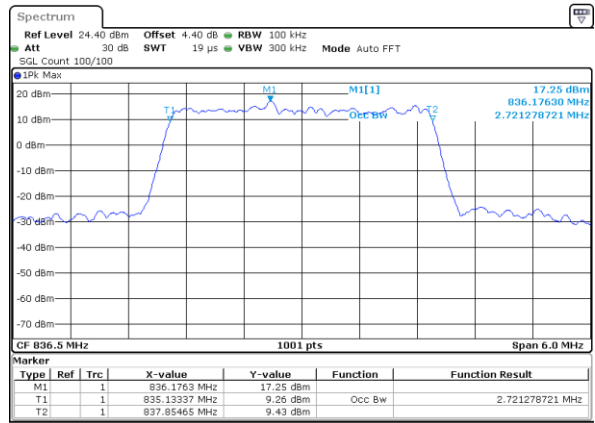
Date: 22 MAY 2018 09:26:47

Middle Channel / 3MHz / QPSK



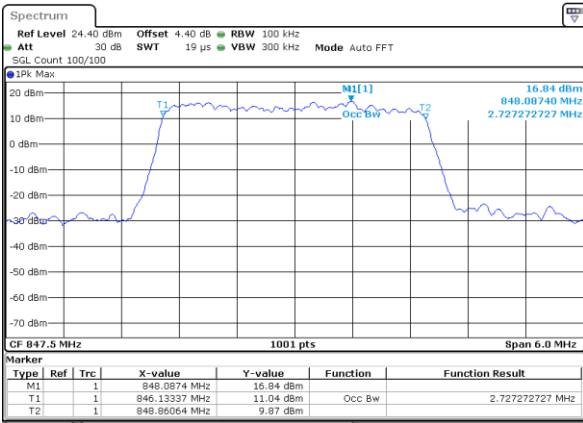
Date: 22 MAY 2018 09:35:41

Middle Channel / 3MHz / 16QAM



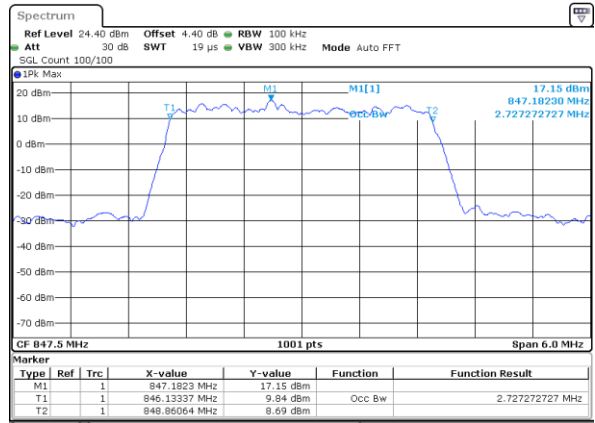
Date: 22 MAY 2018 09:35:51

Highest Channel / 3MHz / QPSK



Date: 22 MAY 2018 09:38:13

Highest Channel / 3MHz / 16QAM

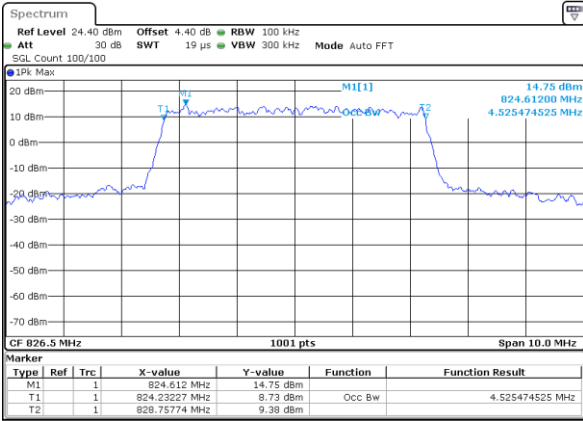


Date: 22 MAY 2018 09:38:24



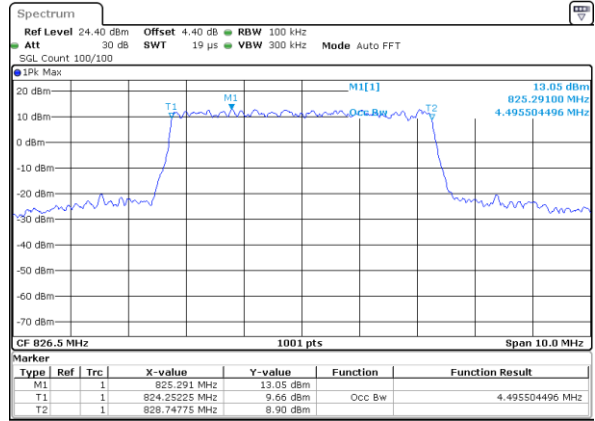
LTE Band 5

Lowest Channel / 5MHz / QPSK



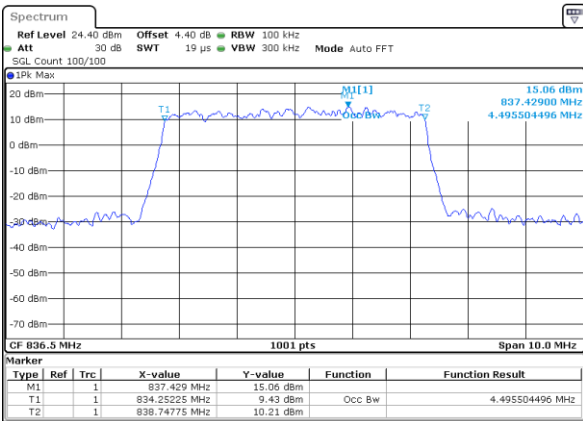
Date: 22 MAY 2018 09:47:18

Lowest Channel / 5MHz / 16QAM



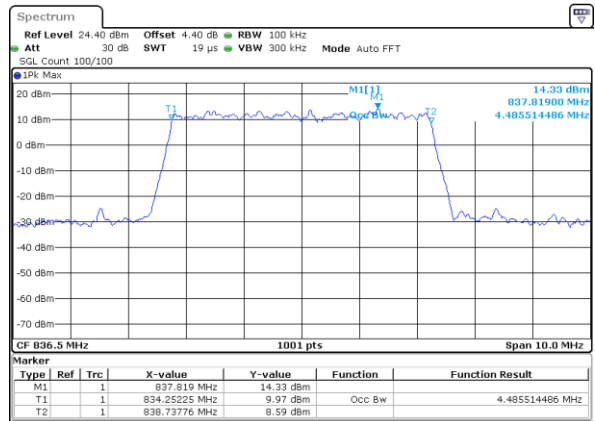
Date: 22 MAY 2018 09:47:29

Middle Channel / 5MHz / QPSK



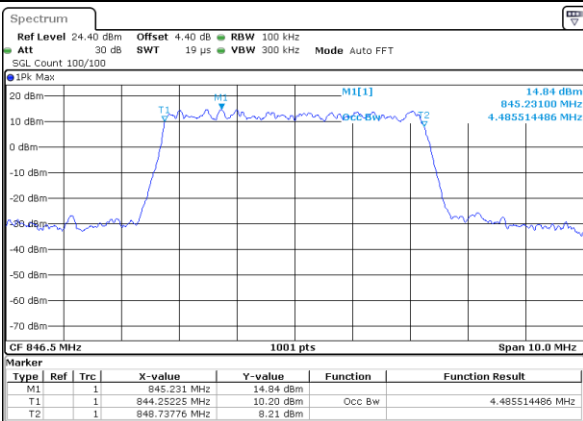
Date: 22 MAY 2018 09:56:23

Middle Channel / 5MHz / 16QAM



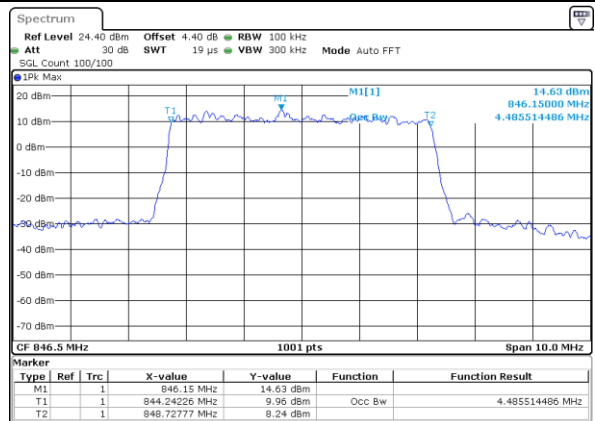
Date: 22 MAY 2018 09:56:33

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2018 09:58:55

Highest Channel / 5MHz / 16QAM

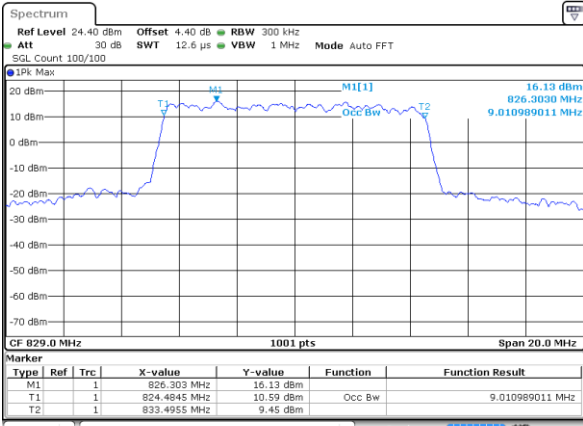


Date: 22 MAY 2018 09:59:06



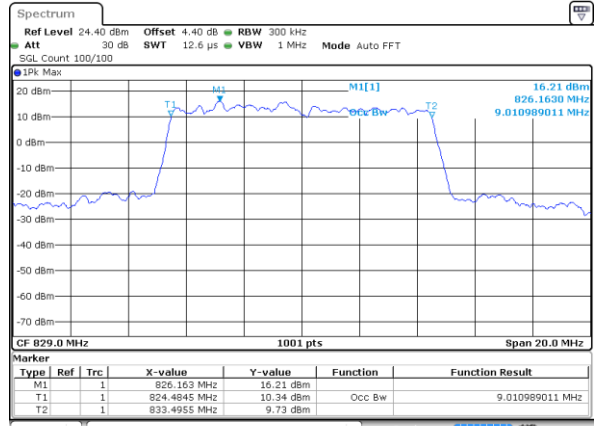
LTE Band 5

Lowest Channel / 10MHz / QPSK



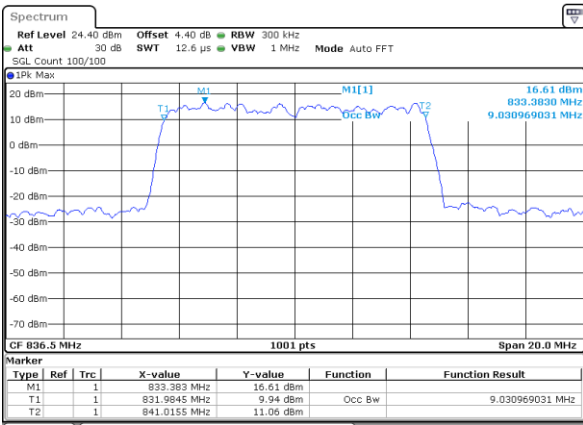
Date: 22 MAY 2018 10:08:00

Lowest Channel / 10MHz / 16QAM



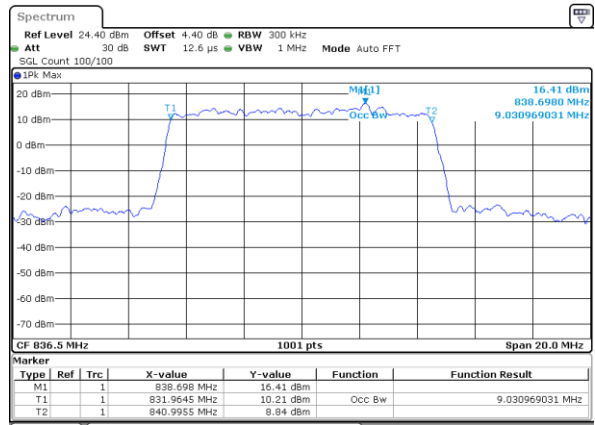
Date: 22 MAY 2018 10:08:11

Middle Channel / 10MHz / QPSK



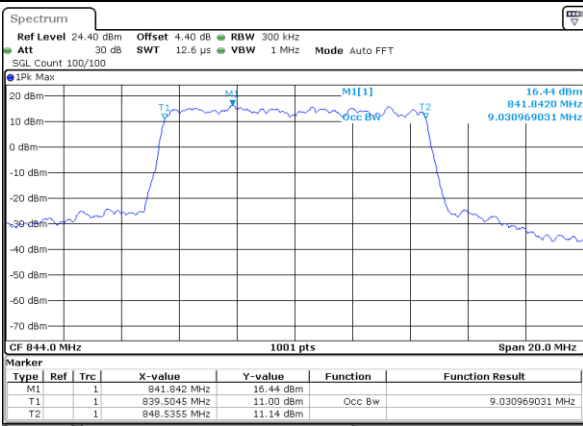
Date: 22 MAY 2018 10:17:04

Middle Channel / 10MHz / 16QAM



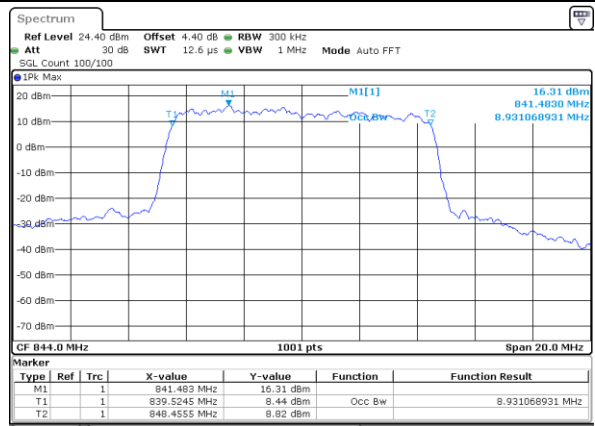
Date: 22 MAY 2018 10:17:15

Highest Channel / 10MHz / QPSK



Date: 22 MAY 2018 10:19:37

Highest Channel / 10MHz / 16QAM



Date: 22 MAY 2018 10:19:47