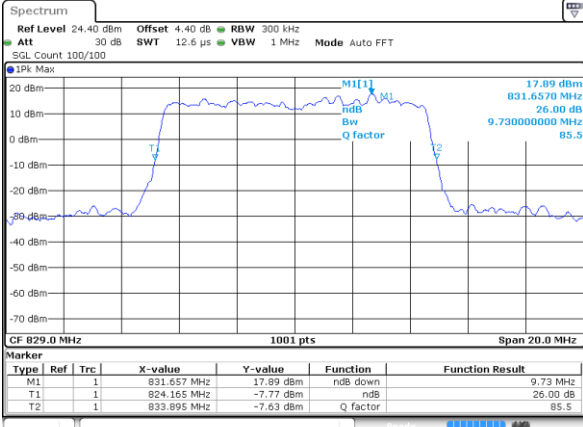




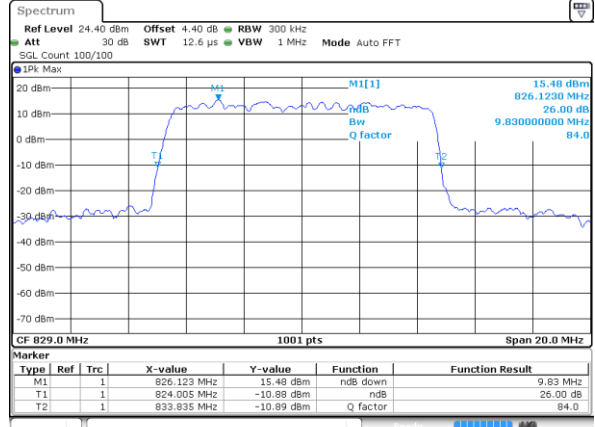
LTE Band 5

Lowest Channel / 10MHz / QPSK



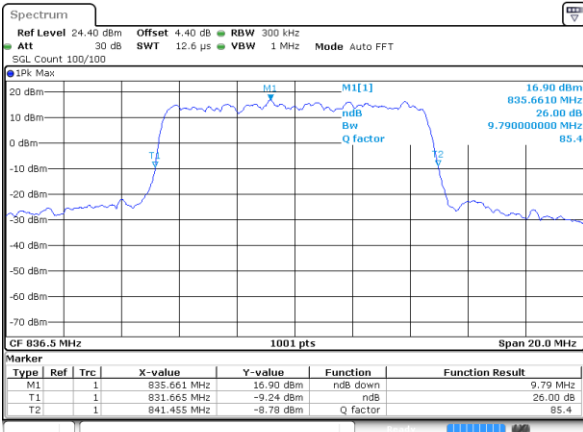
Date: 16 MAY 2018 20:21:40

Lowest Channel / 10MHz / 16QAM



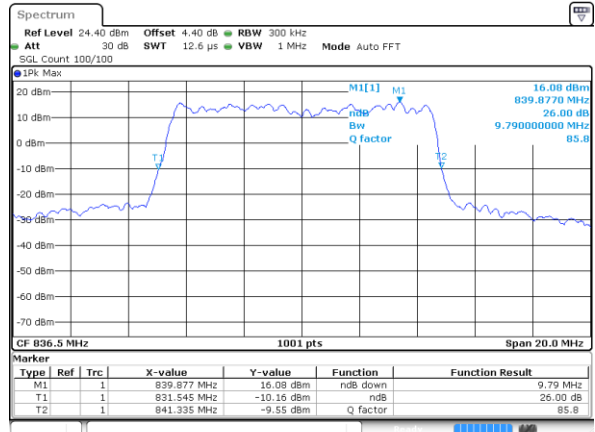
Date: 16 MAY 2018 20:21:51

Middle Channel / 10MHz / QPSK



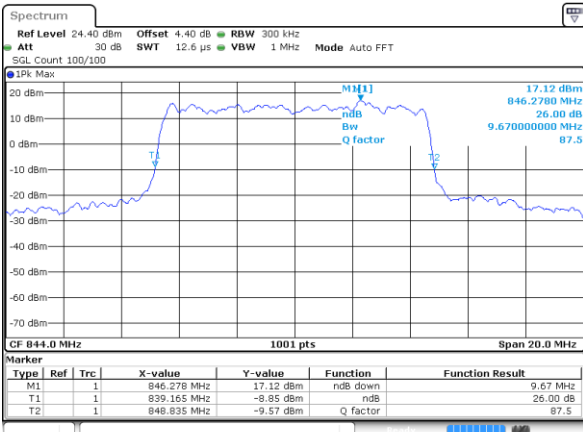
Date: 16 MAY 2018 20:30:46

Middle Channel / 10MHz / 16QAM



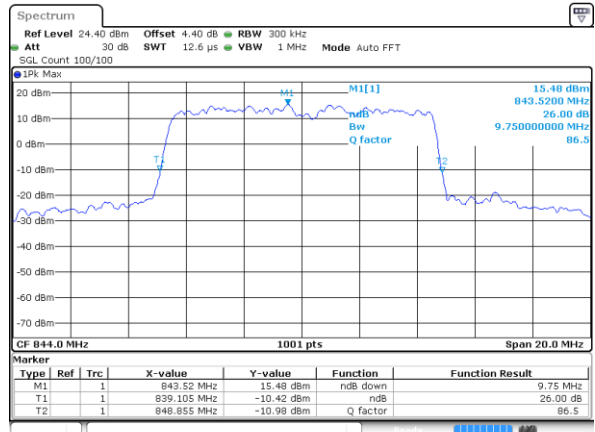
Date: 16 MAY 2018 20:30:56

Highest Channel / 10MHz / QPSK



Date: 16 MAY 2018 20:33:19

Highest Channel / 10MHz / 16QAM

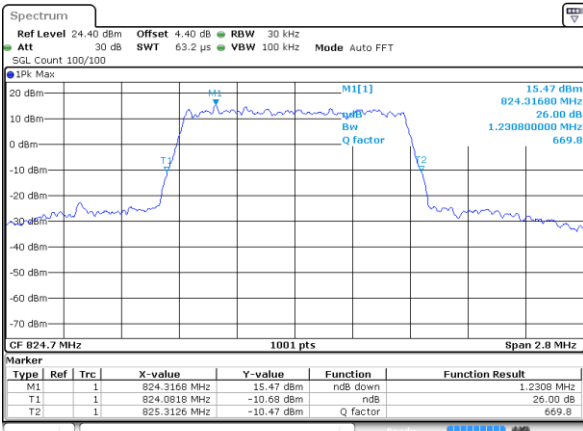


Date: 16 MAY 2018 20:33:29



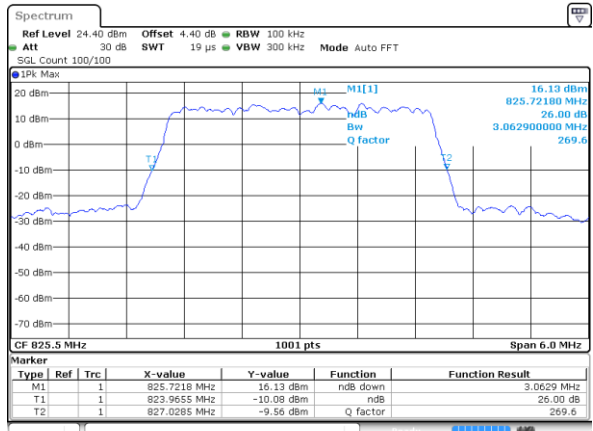
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



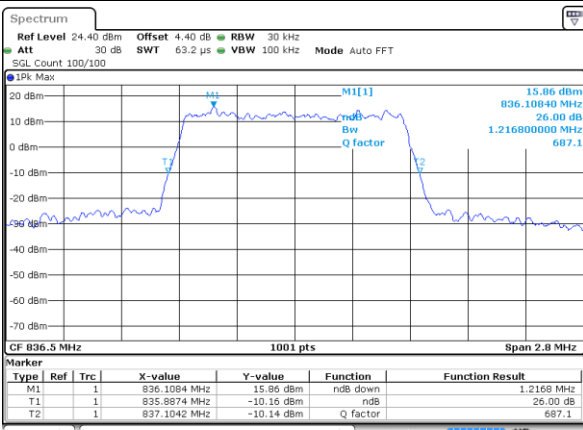
Date: 16 MAY 2018 20:44:31

Lowest Channel / 3MHz / 64QAM



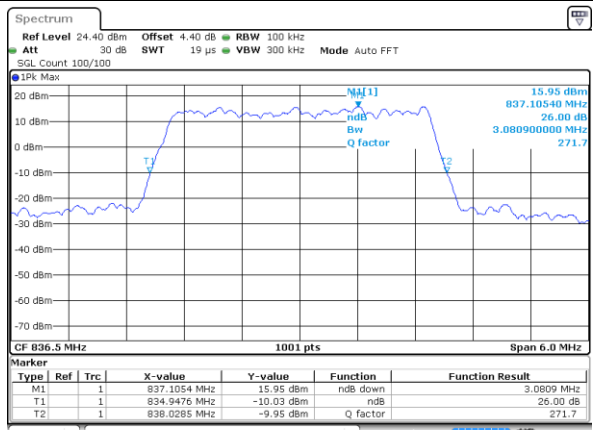
Date: 16 MAY 2018 20:54:53

Middle Channel / 1.4MHz / 64QAM



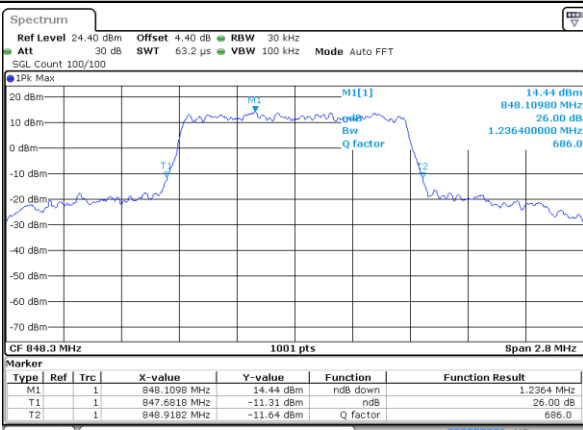
Date: 16 MAY 2018 20:49:03

Middle Channel / 3MHz / 64QAM



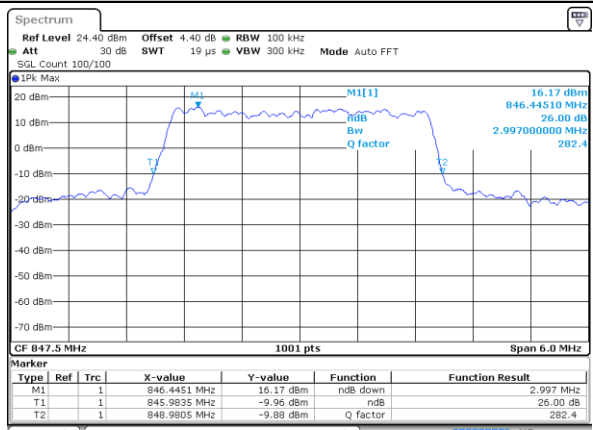
Date: 16 MAY 2018 20:59:26

Highest Channel / 1.4MHz / 64QAM



Date: 16 MAY 2018 20:50:20

Highest Channel / 3MHz / 64QAM

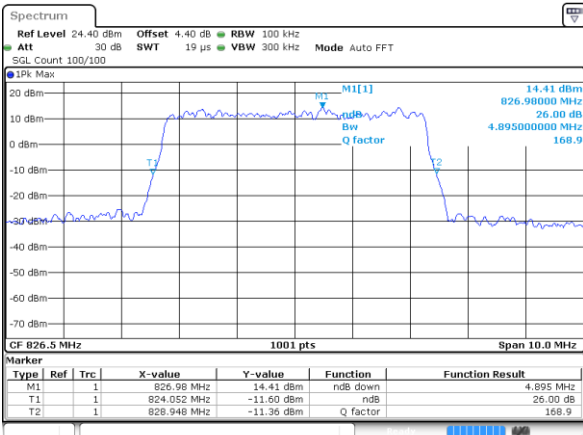


Date: 16 MAY 2018 21:00:42



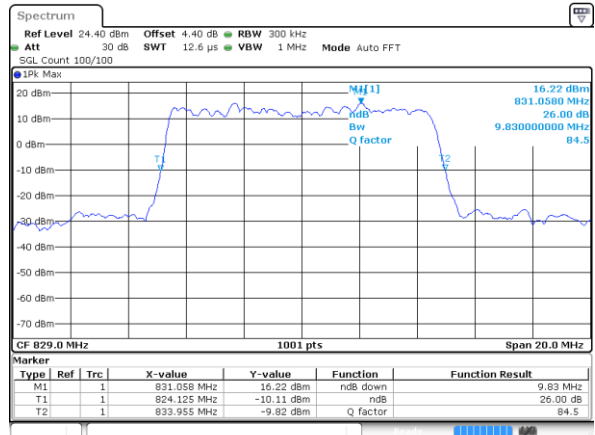
LTE Band 5

Lowest Channel / 5MHz / 64QAM



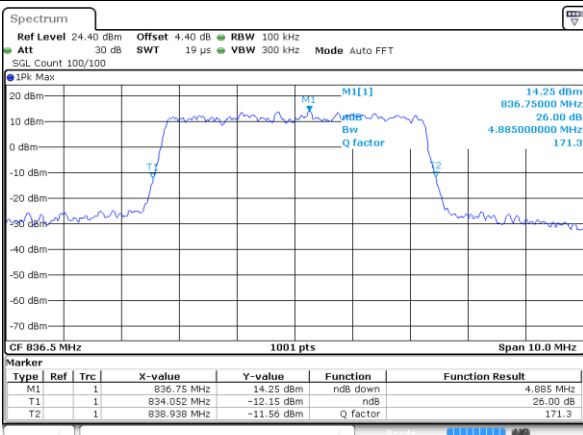
Date: 16 MAY 2018 21:05:15

Lowest Channel / 10MHz / 64QAM



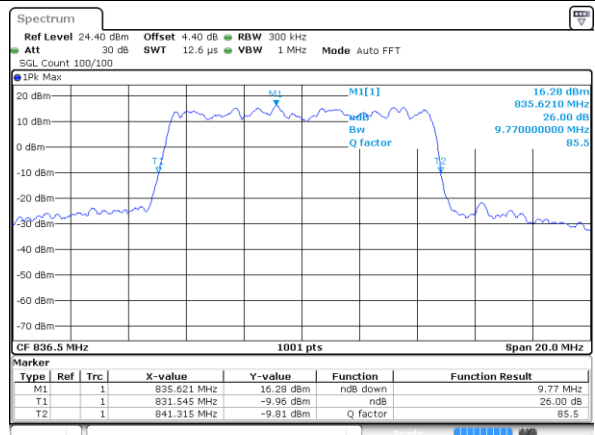
Date: 16 MAY 2018 21:15:37

Middle Channel / 5MHz / 64QAM



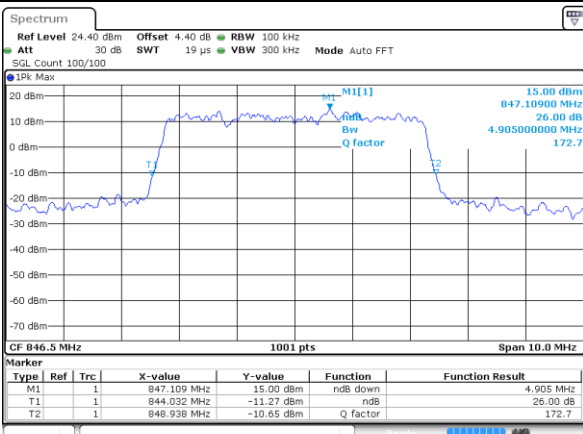
Date: 16 MAY 2018 21:09:48

Middle Channel / 10MHz / 64QAM



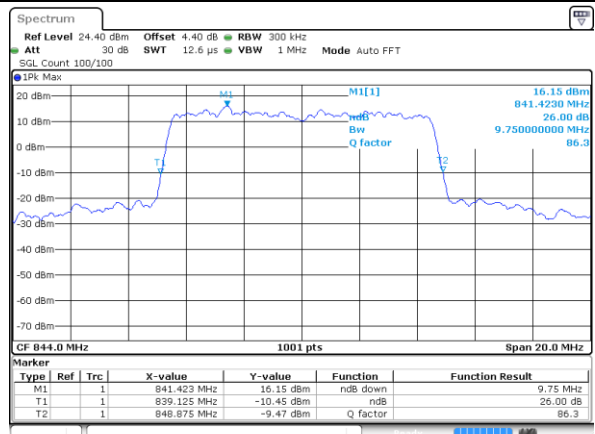
Date: 16 MAY 2018 21:20:10

Highest Channel / 5MHz / 64QAM



Date: 16 MAY 2018 21:11:04

Highest Channel / 10MHz / 64QAM

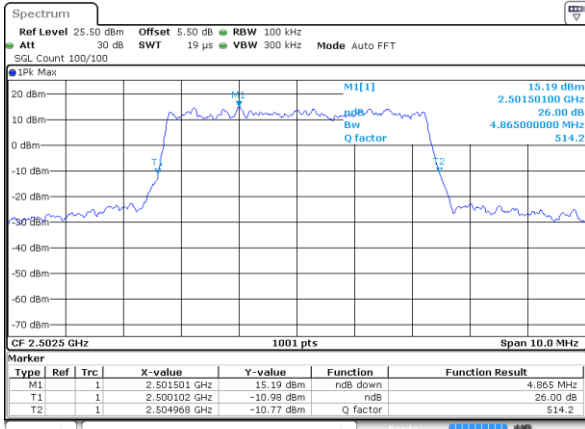


Date: 16 MAY 2018 21:21:26



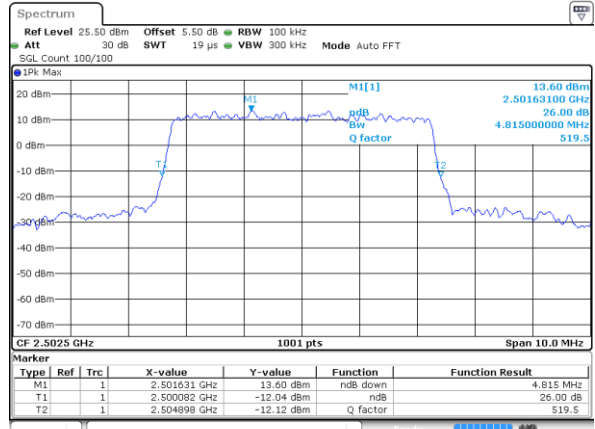
LTE Band 7

Lowest Channel / 5MHz / QPSK



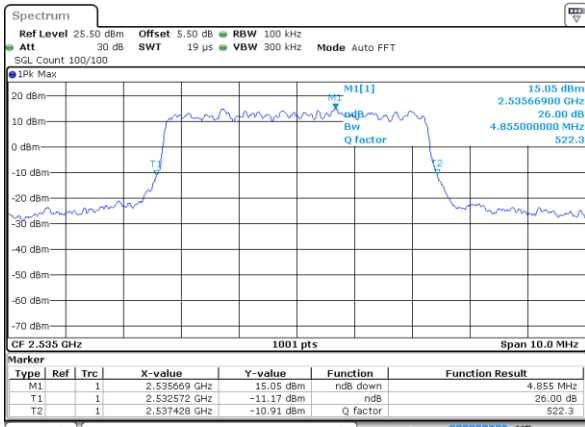
Date: 16 MAY 2018 21:35:44

Lowest Channel / 5MHz / 16QAM



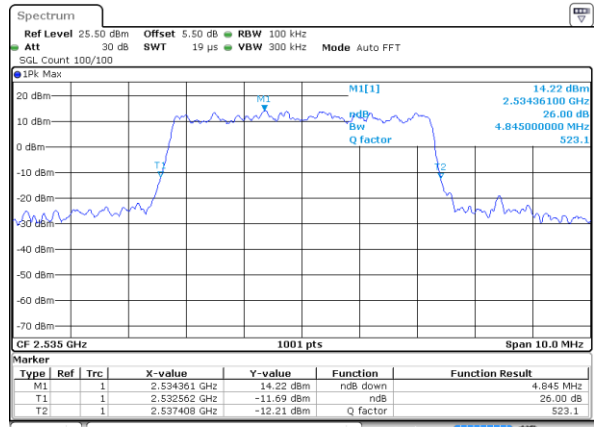
Date: 16 MAY 2018 21:36:07

Middle Channel / 5MHz / QPSK



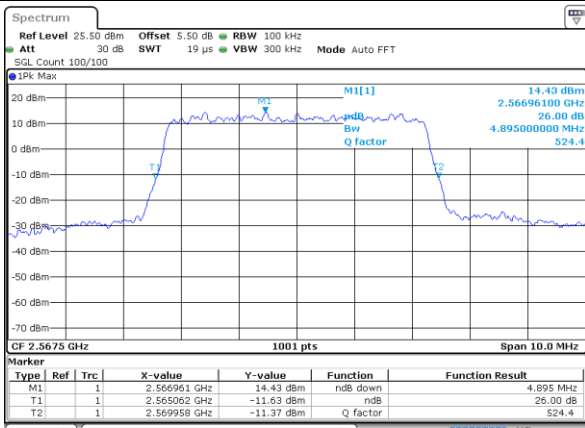
Date: 16 MAY 2018 21:45:06

Middle Channel / 5MHz / 16QAM



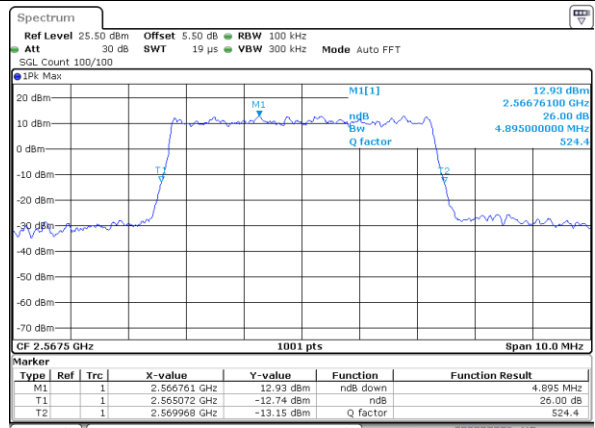
Date: 16 MAY 2018 21:44:44

Highest Channel / 5MHz / QPSK



Date: 16 MAY 2018 21:45:27

Highest Channel / 5MHz / 16QAM

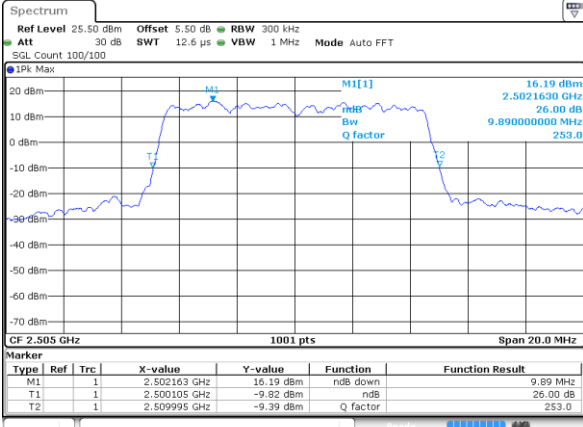


Date: 16 MAY 2018 21:45:48



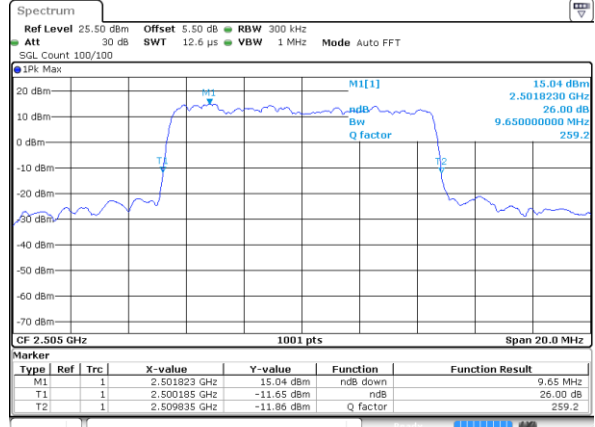
LTE Band 7

Lowest Channel / 10MHz / QPSK



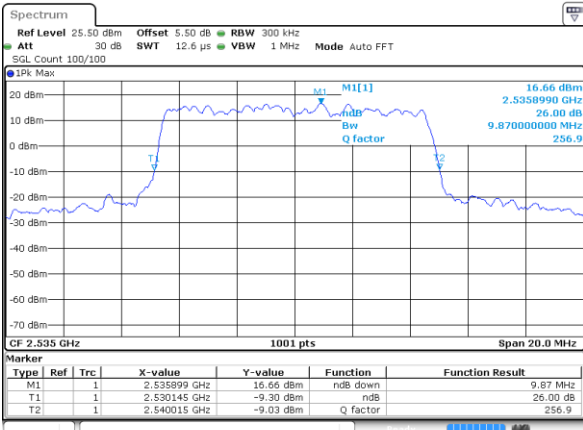
Date: 16 MAY 2018 21:52:34

Lowest Channel / 10MHz / 16QAM



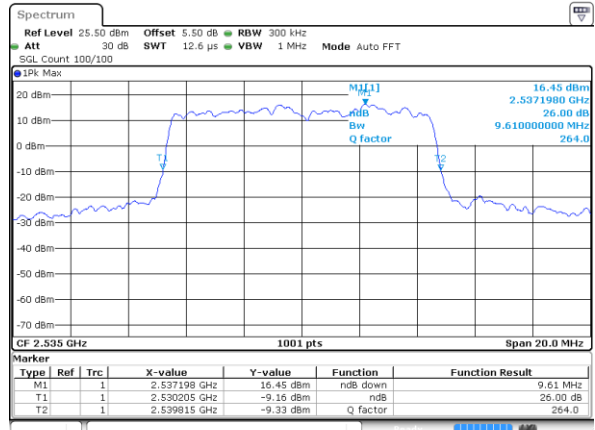
Date: 16 MAY 2018 21:52:55

Middle Channel / 10MHz / QPSK



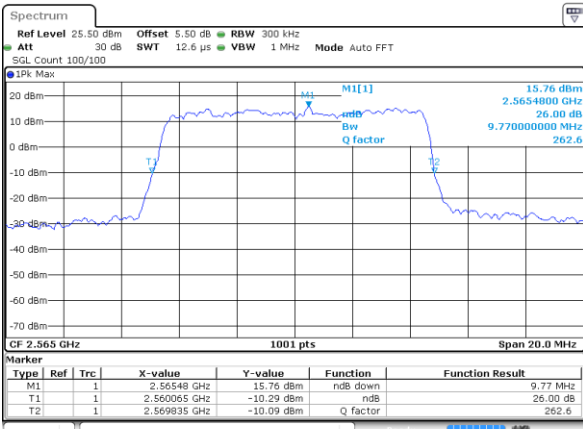
Date: 16 MAY 2018 22:01:53

Middle Channel / 10MHz / 16QAM



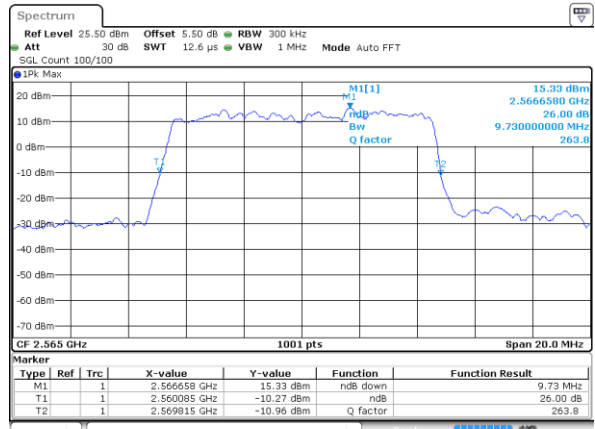
Date: 16 MAY 2018 22:01:32

Highest Channel / 10MHz / QPSK



Date: 16 MAY 2018 22:02:14

Highest Channel / 10MHz / 16QAM

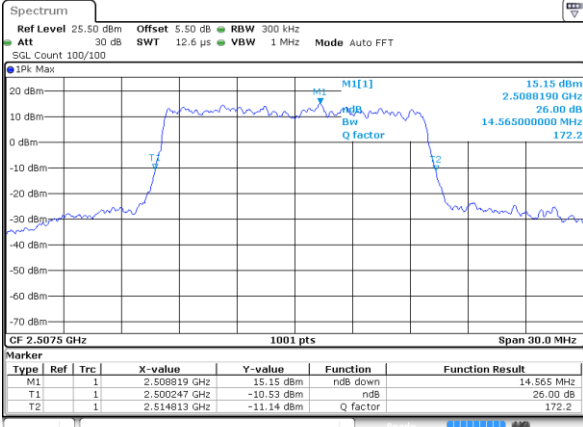


Date: 16 MAY 2018 22:02:36



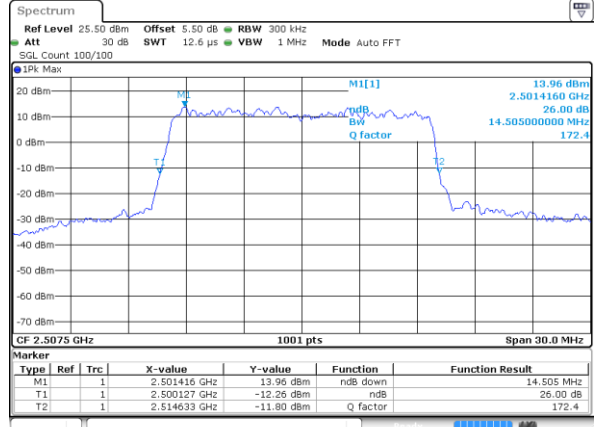
LTE Band 7

Lowest Channel / 15MHz / QPSK



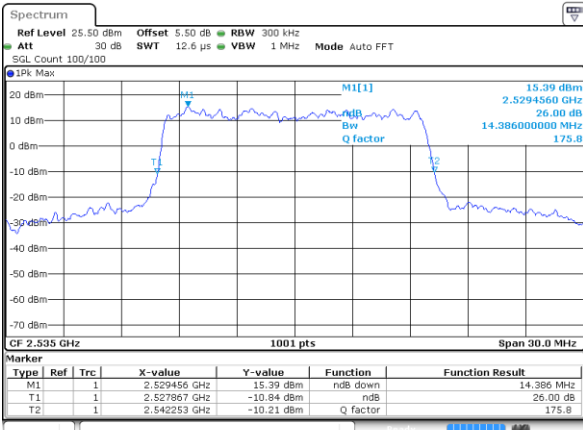
Date: 16 MAY 2018 22:09:21

Lowest Channel / 15MHz / 16QAM



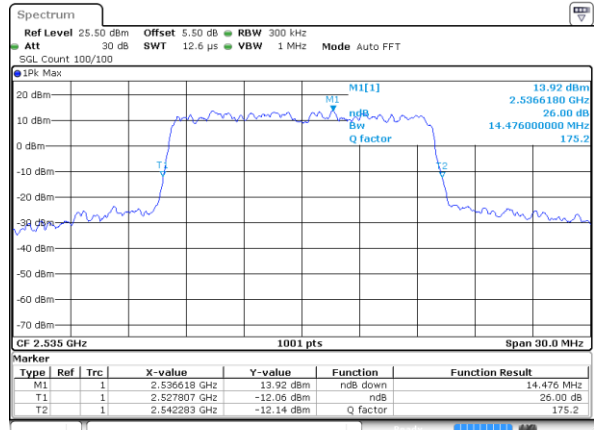
Date: 16 MAY 2018 22:09:42

Middle Channel / 15MHz / QPSK



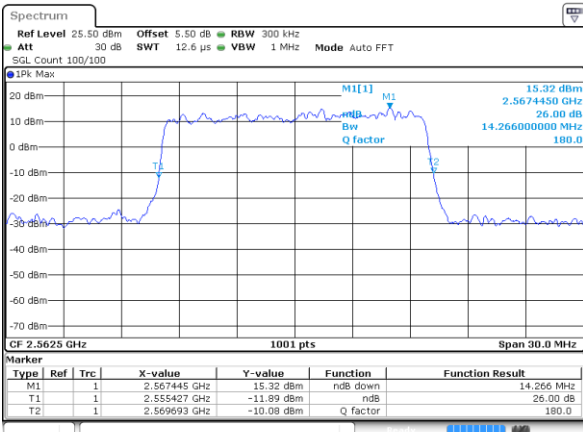
Date: 16 MAY 2018 22:18:40

Middle Channel / 15MHz / 16QAM



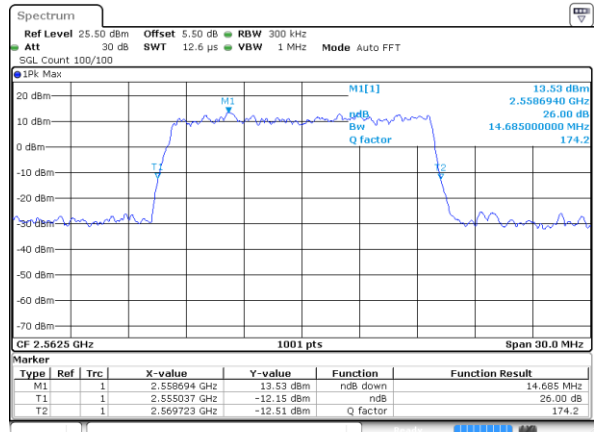
Date: 16 MAY 2018 22:18:19

Highest Channel / 15MHz / QPSK



Date: 16 MAY 2018 22:19:02

Highest Channel / 15MHz / 16QAM

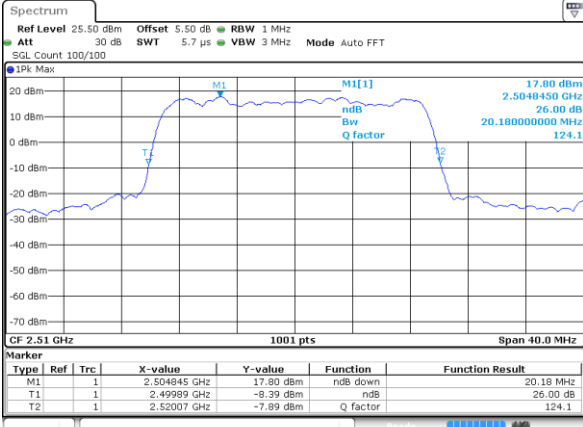


Date: 16 MAY 2018 22:19:23



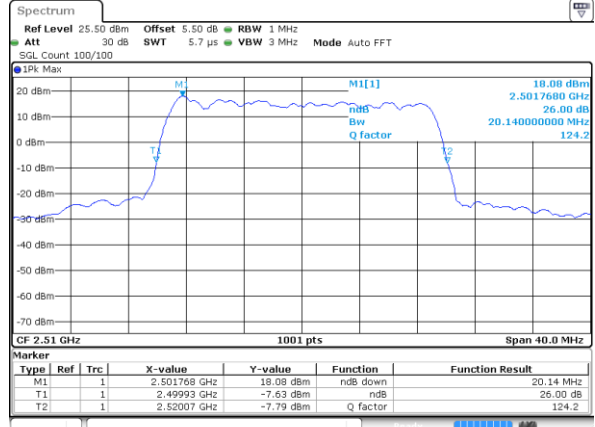
LTE Band 7

Lowest Channel / 20MHz / QPSK



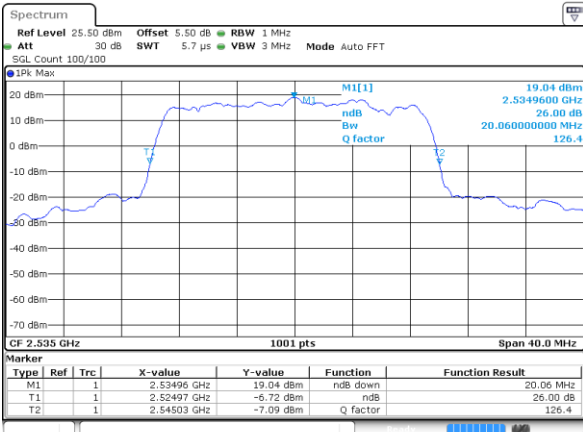
Date: 16 MAY 2018 22:28:08

Lowest Channel / 20MHz / 16QAM



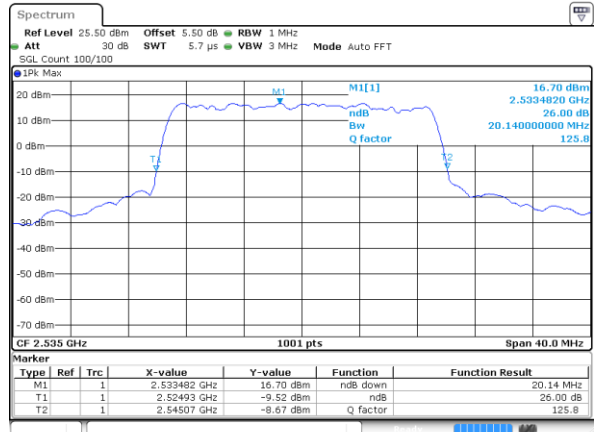
Date: 16 MAY 2018 22:28:30

Middle Channel / 20MHz / QPSK



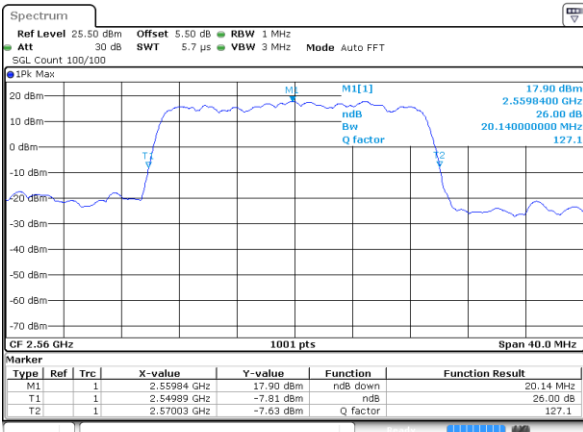
Date: 16 MAY 2018 22:35:28

Middle Channel / 20MHz / 16QAM



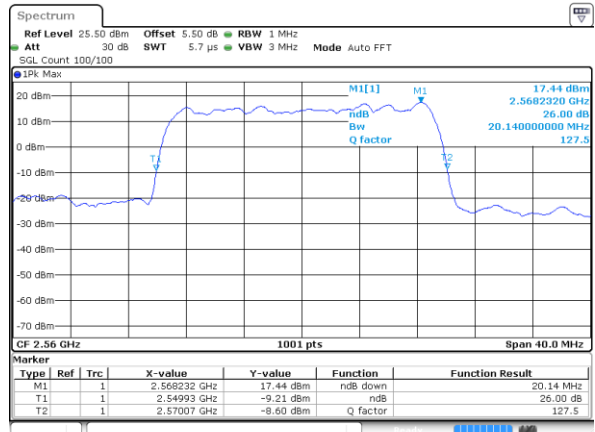
Date: 16 MAY 2018 22:35:07

Highest Channel / 20MHz / QPSK



Date: 16 MAY 2018 22:35:49

Highest Channel / 20MHz / 16QAM

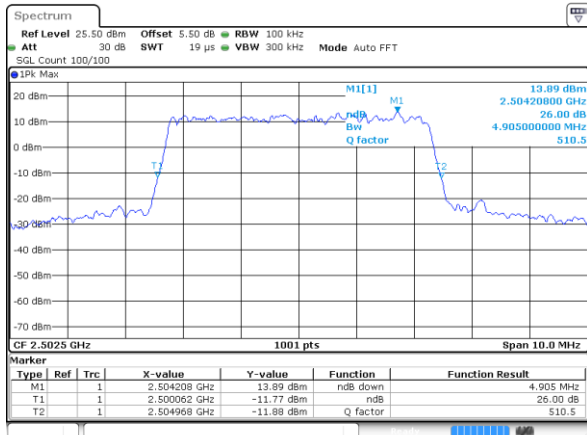


Date: 16 MAY 2018 22:36:11



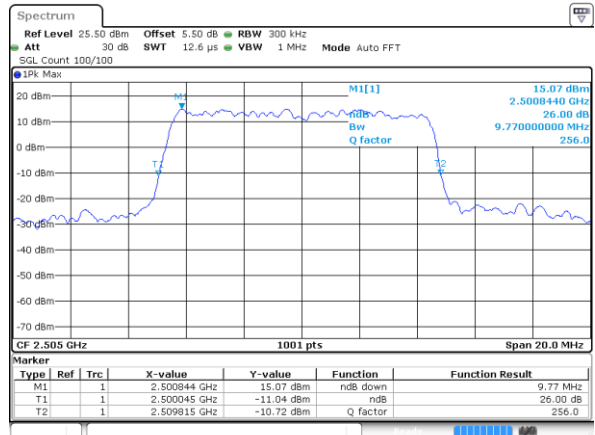
LTE Band 7

Lowest Channel / 5MHz / 64QAM



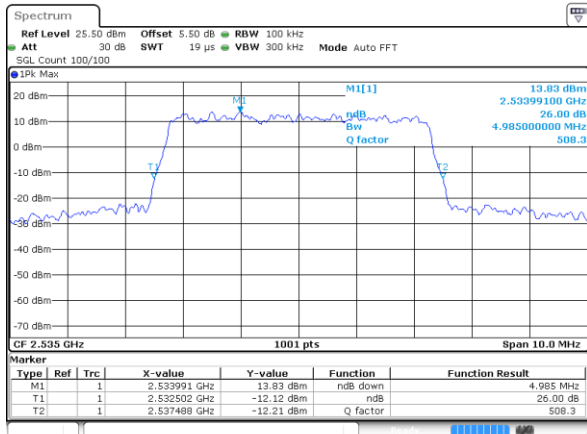
Date: 16 MAY 2018 22:57:31

Lowest Channel / 10MHz / 64QAM



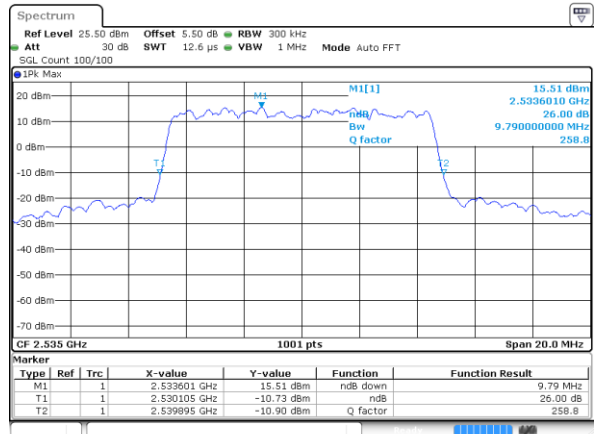
Date: 16 MAY 2018 22:58:35

Middle Channel / 5MHz / 64QAM



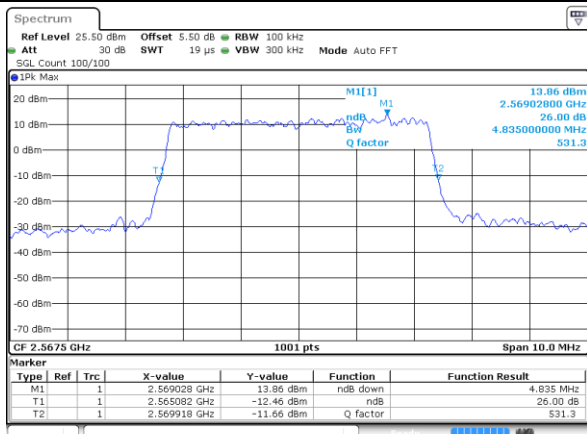
Date: 16 MAY 2018 22:57:53

Middle Channel / 10MHz / 64QAM



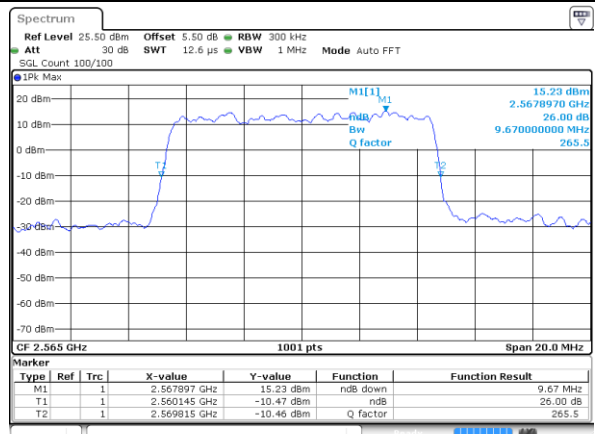
Date: 16 MAY 2018 22:58:57

Highest Channel / 5MHz / 64QAM



Date: 16 MAY 2018 22:58:14

Highest Channel / 10MHz / 64QAM

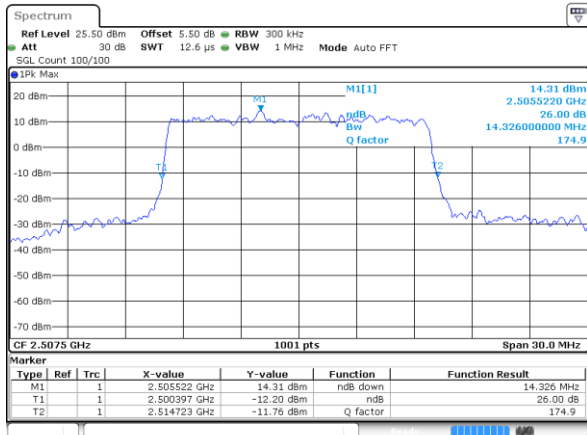


Date: 16 MAY 2018 22:58:18



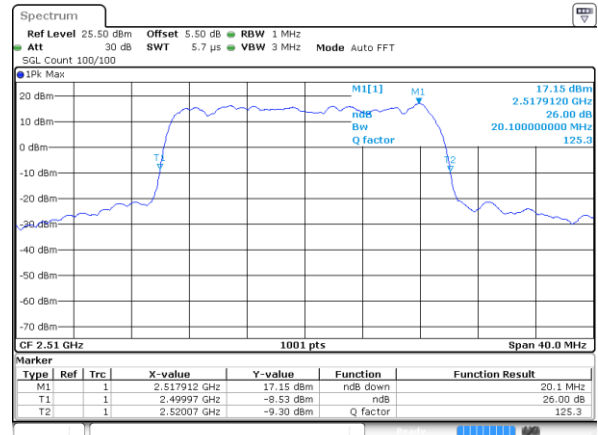
LTE Band 7

Lowest Channel / 15MHz / 64QAM



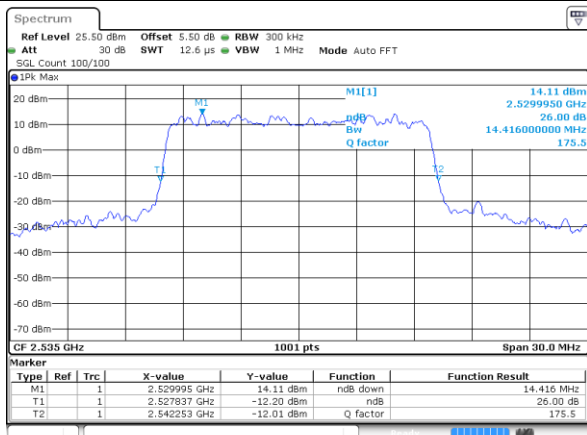
Date: 16 MAY 2018 22:59:40

Lowest Channel / 20MHz / 64QAM



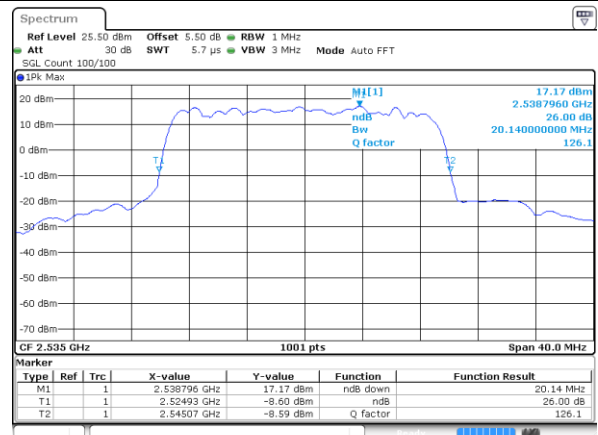
Date: 16 MAY 2018 23:00:44

Middle Channel / 15MHz / 64QAM



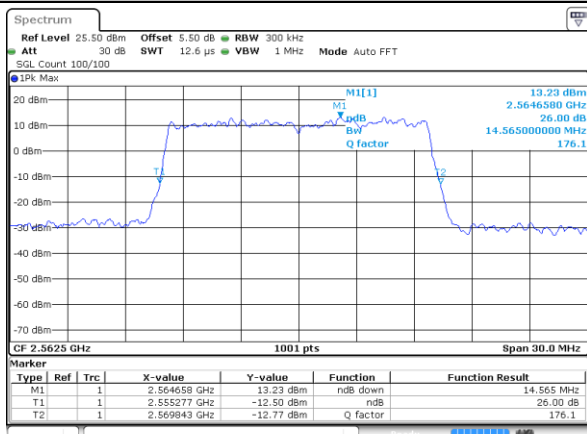
Date: 16 MAY 2018 23:00:01

Middle Channel / 20MHz / 64QAM



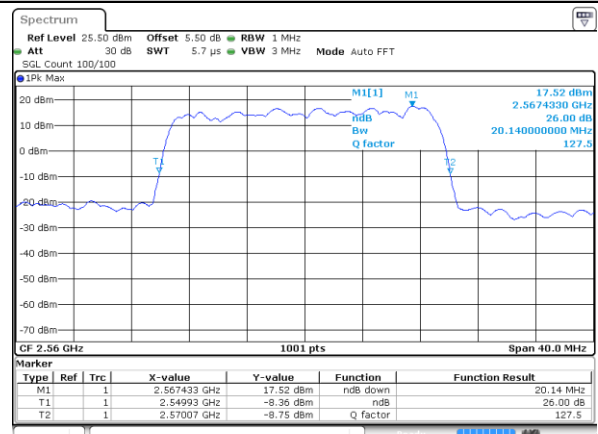
Date: 16 MAY 2018 23:01:05

Highest Channel / 15MHz / 64QAM



Date: 16 MAY 2018 23:00:22

Highest Channel / 20MHz / 64QAM

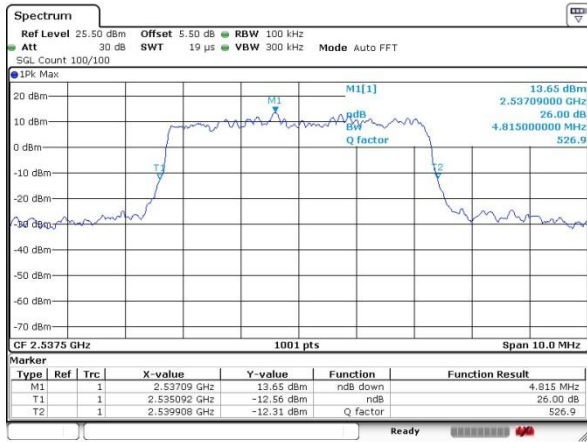


Date: 16 MAY 2018 23:01:26



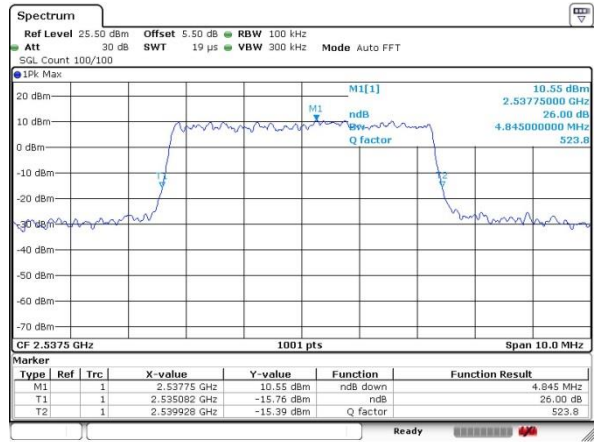
LTE Band 41

Lowest Channel / 5MHz / QPSK



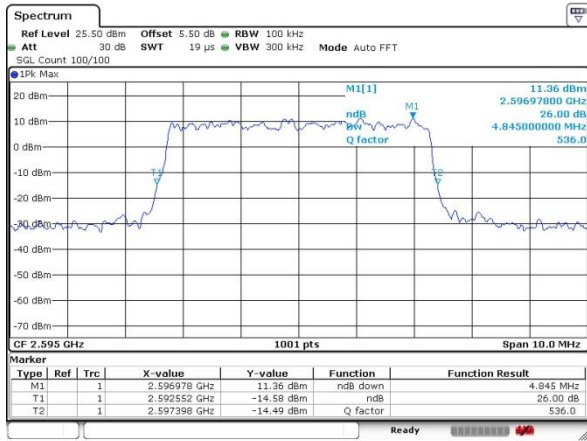
Date: 21 MAY 2018 16:17:45

Lowest Channel / 5MHz / 16QAM



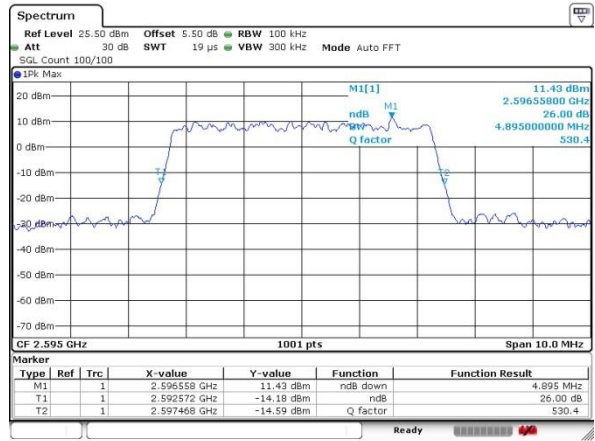
Date: 21 MAY 2018 16:18:16

Middle Channel / 5MHz / QPSK



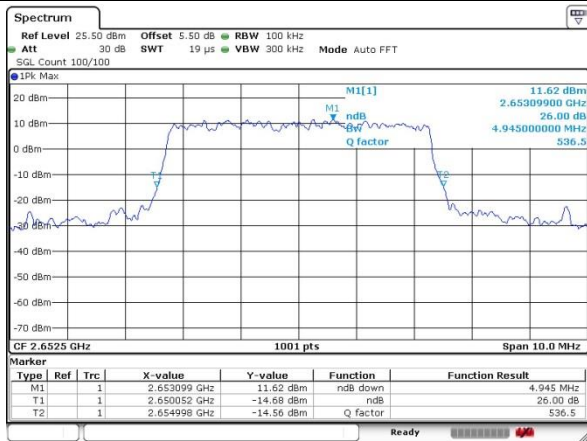
Date: 21 MAY 2018 16:19:25

Middle Channel / 5MHz / 16QAM



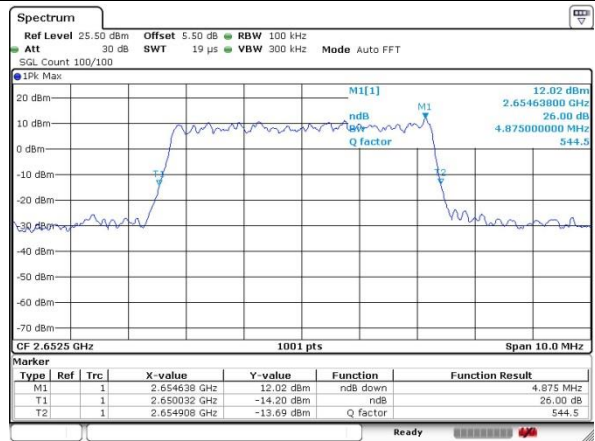
Date: 21 MAY 2018 16:19:13

Highest Channel / 5MHz / QPSK



Date: 21 MAY 2018 16:20:01

Highest Channel / 5MHz / 16QAM

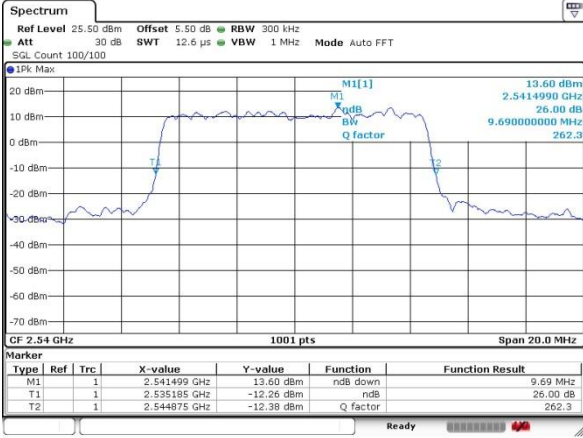


Date: 21 MAY 2018 16:20:19



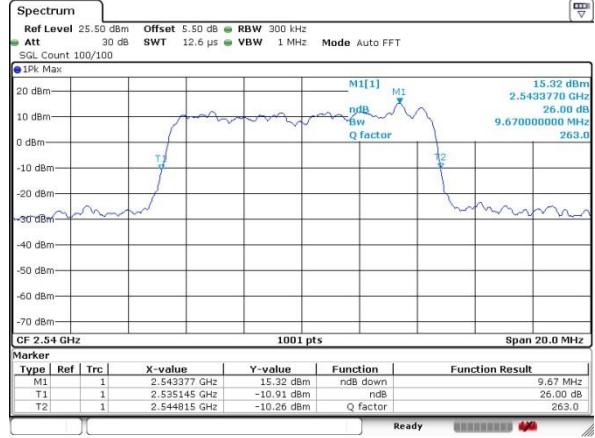
LTE Band 41

Lowest Channel / 10MHz / QPSK



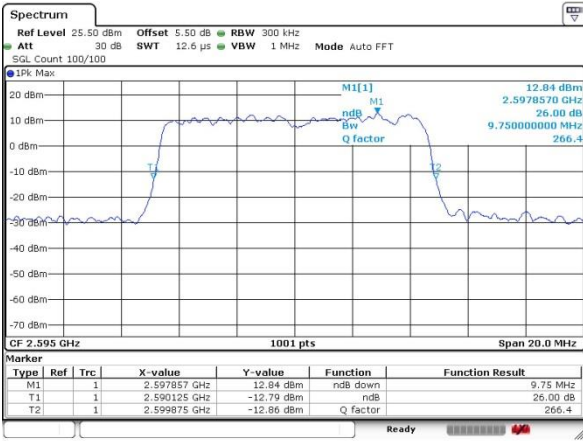
Date: 21 MAY 2018 16:22:37

Lowest Channel / 10MHz / 16QAM



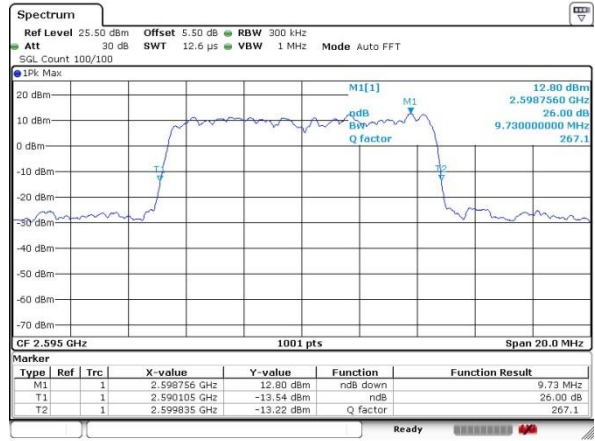
Date: 21 MAY 2018 16:22:23

Middle Channel / 10MHz / QPSK



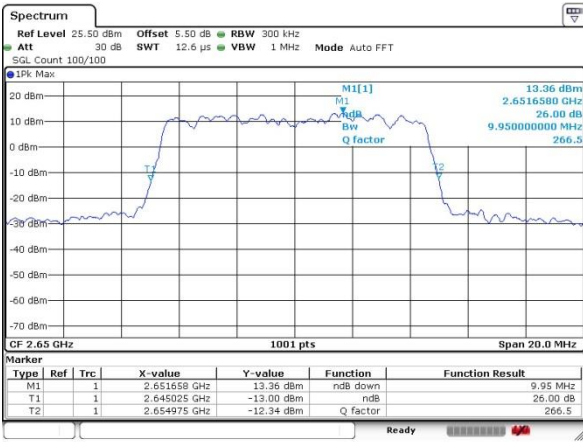
Date: 21 MAY 2018 16:23:00

Middle Channel / 10MHz / 16QAM



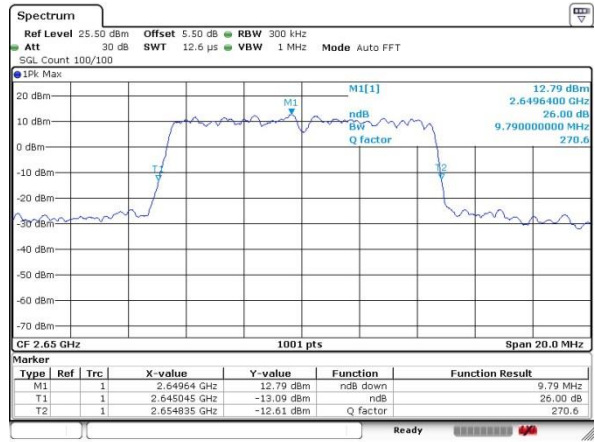
Date: 21 MAY 2018 16:23:19

Highest Channel / 10MHz / QPSK



Date: 21 MAY 2018 16:24:36

Highest Channel / 10MHz / 16QAM

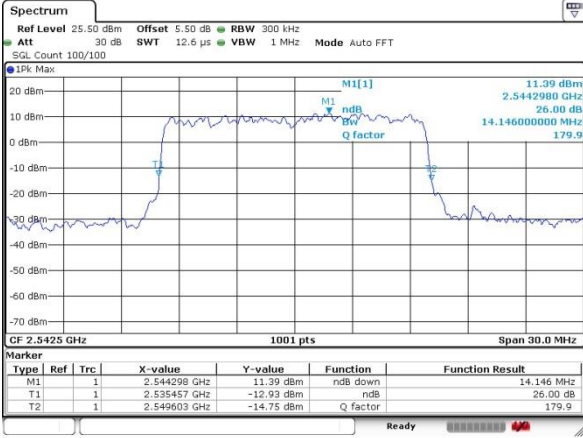


Date: 21 MAY 2018 16:24:21



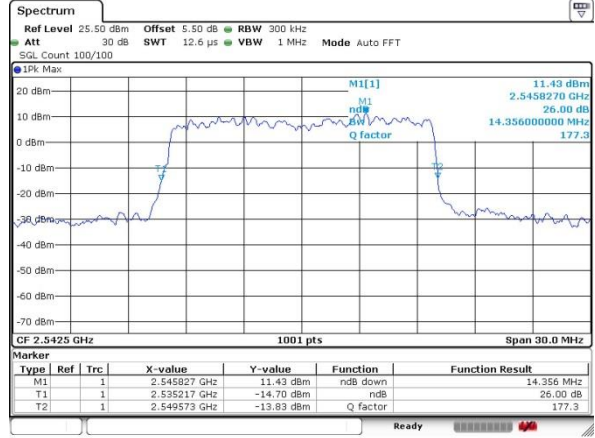
LTE Band 41

Lowest Channel / 15MHz / QPSK



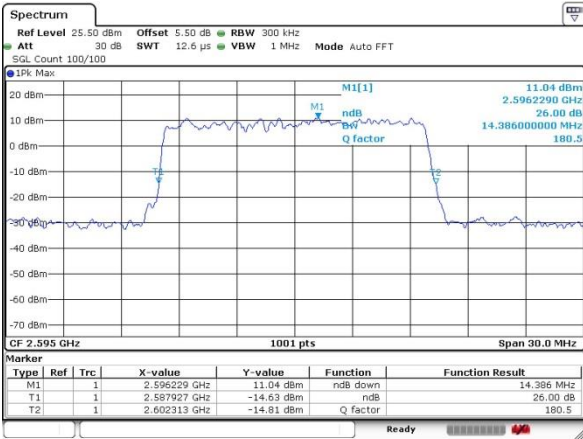
Date: 21 MAY 2018 16:25:21

Lowest Channel / 15MHz / 16QAM



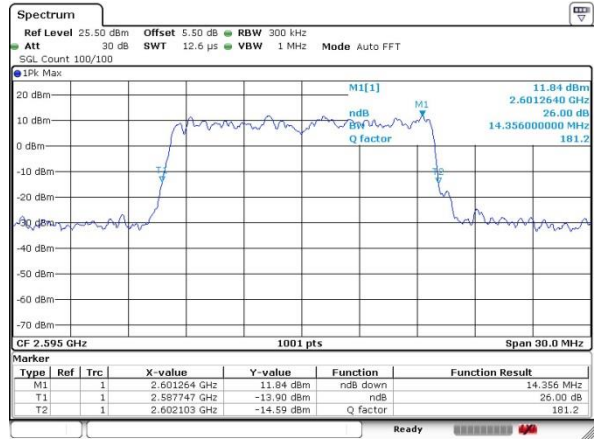
Date: 21 MAY 2018 16:25:49

Middle Channel / 15MHz / QPSK



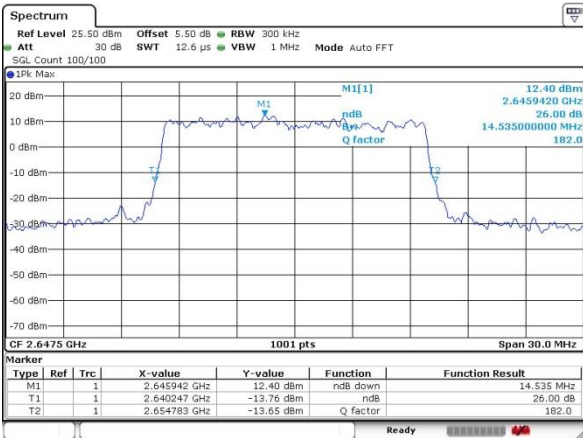
Date: 21 MAY 2018 16:28:22

Middle Channel / 15MHz / 16QAM



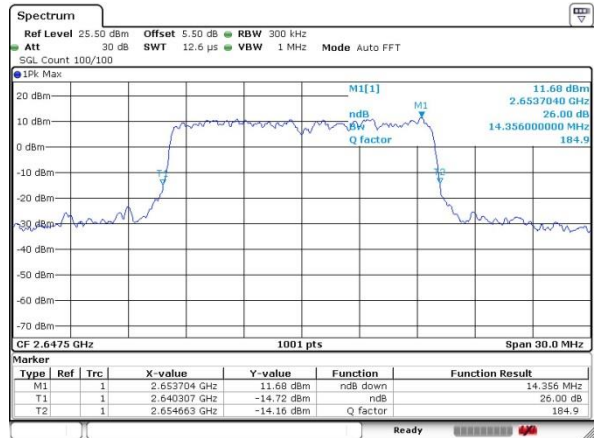
Date: 21 MAY 2018 16:27:47

Highest Channel / 15MHz / QPSK



Date: 21 MAY 2018 16:28:46

Highest Channel / 15MHz / 16QAM

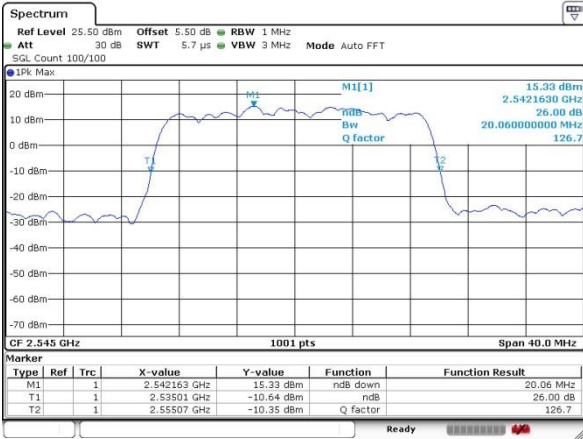


Date: 21 MAY 2018 16:29:05



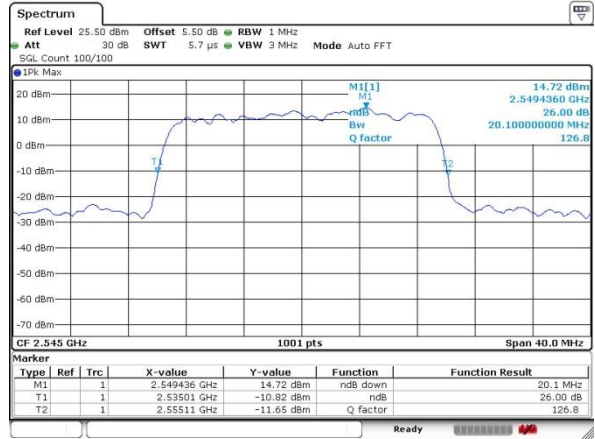
LTE Band 41

Lowest Channel / 20MHz / QPSK



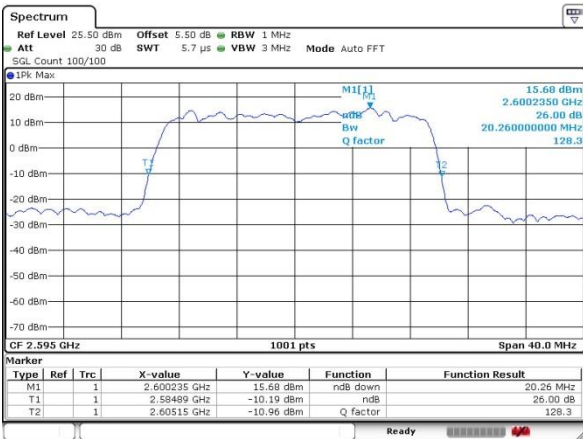
Date: 21 MAY 2018 16:30:08

Lowest Channel / 20MHz / 16QAM



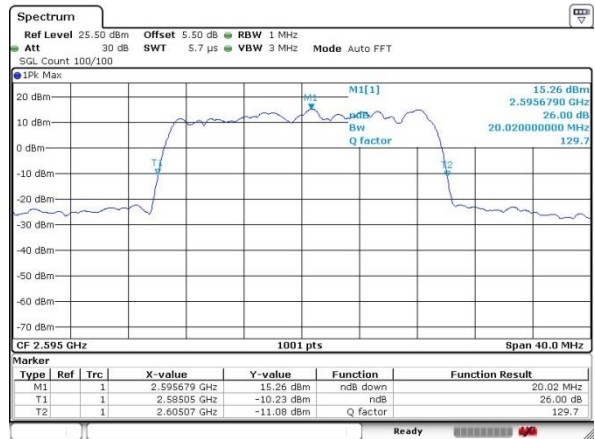
Date: 21 MAY 2018 16:30:39

Middle Channel / 20MHz / QPSK



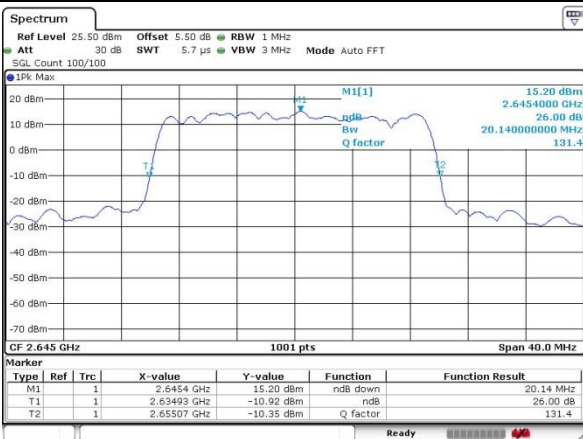
Date: 21 MAY 2018 16:32:08

Middle Channel / 20MHz / 16QAM



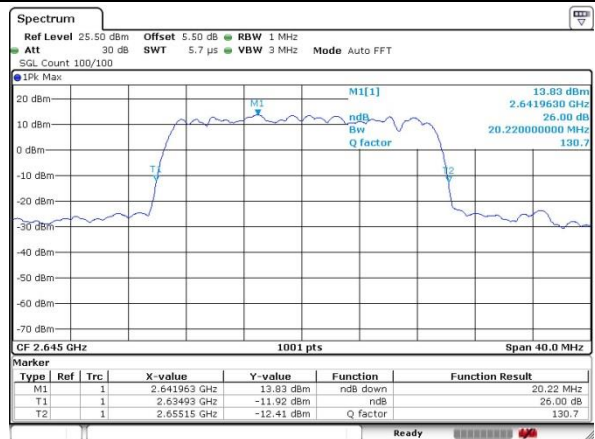
Date: 21 MAY 2018 16:31:53

Highest Channel / 20MHz / QPSK



Date: 21 MAY 2018 16:32:31

Highest Channel / 20MHz / 16QAM

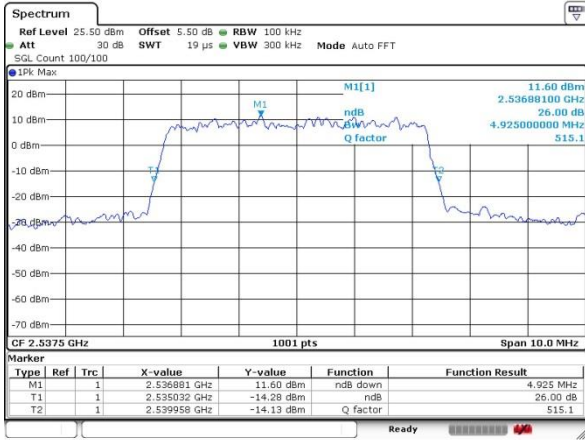


Date: 21 MAY 2018 16:32:57



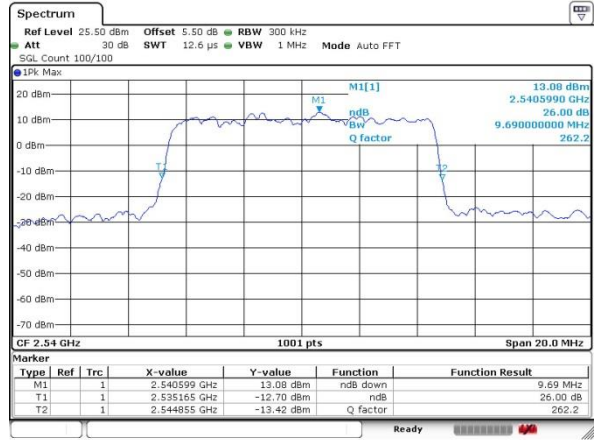
LTE Band 41

Lowest Channel / 5MHz / 64QAM



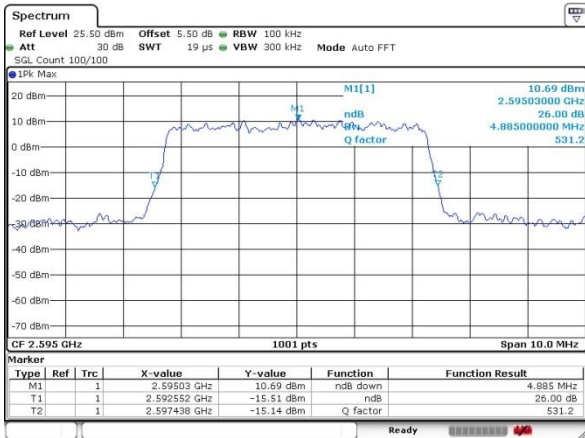
Date: 21 MAY 2018 16:18:30

Lowest Channel / 10MHz / 64QAM



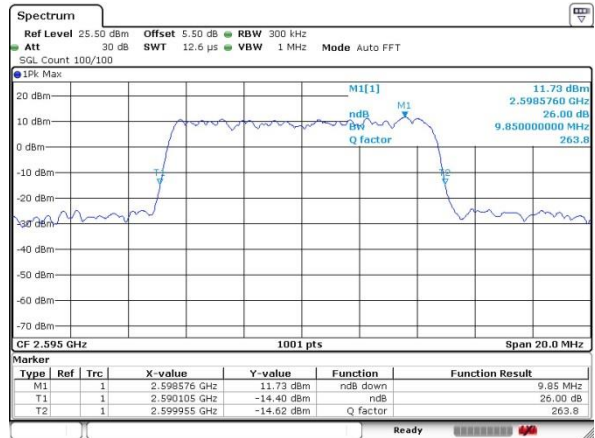
Date: 21 MAY 2018 16:21:39

Middle Channel / 5MHz / 64QAM



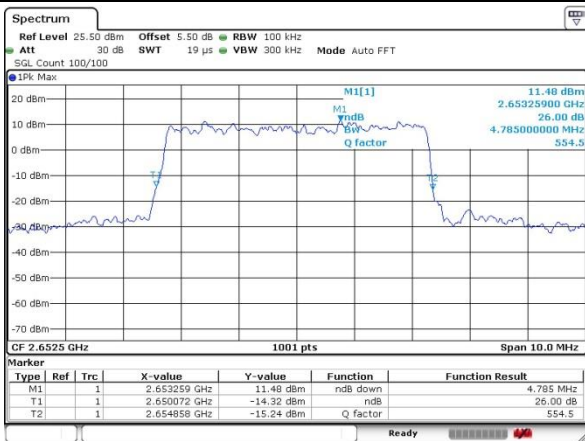
Date: 21 MAY 2018 16:18:51

Middle Channel / 10MHz / 64QAM



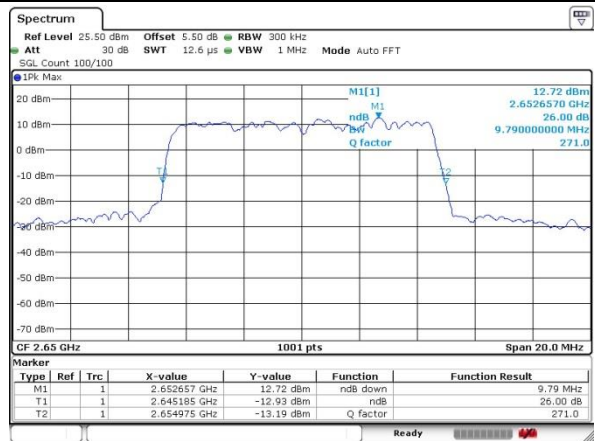
Date: 21 MAY 2018 16:23:32

Highest Channel / 5MHz / 64QAM



Date: 21 MAY 2018 16:20:33

Highest Channel / 10MHz / 64QAM

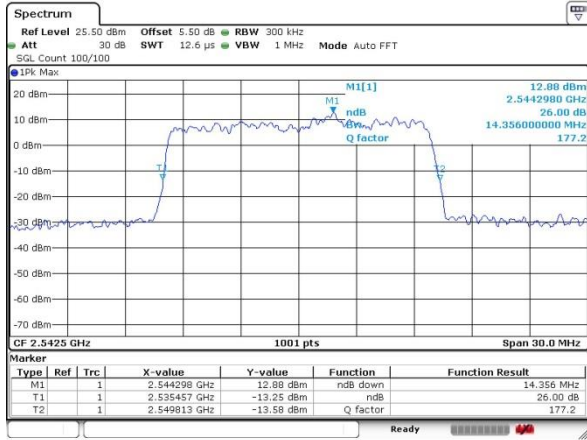


Date: 21 MAY 2018 16:24:02



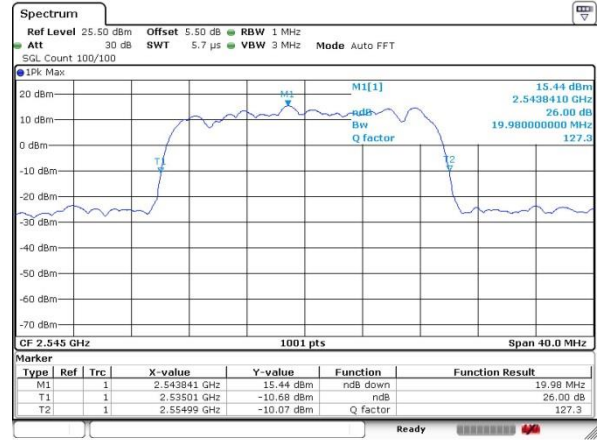
LTE Band 41

Lowest Channel / 15MHz / 64QAM



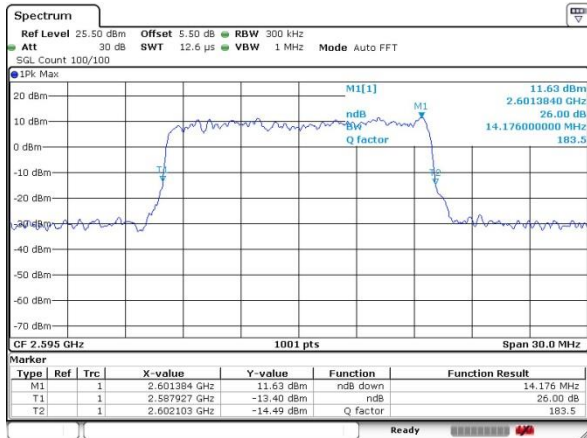
Date: 21 MAY 2018 16:28:05

Lowest Channel / 20MHz / 64QAM



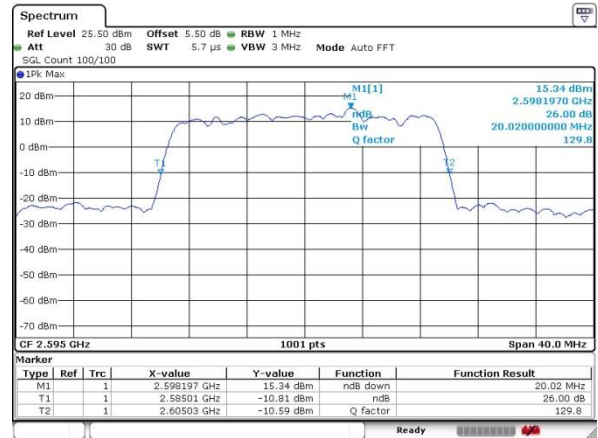
Date: 21 MAY 2018 16:30:55

Middle Channel / 15MHz / 64QAM



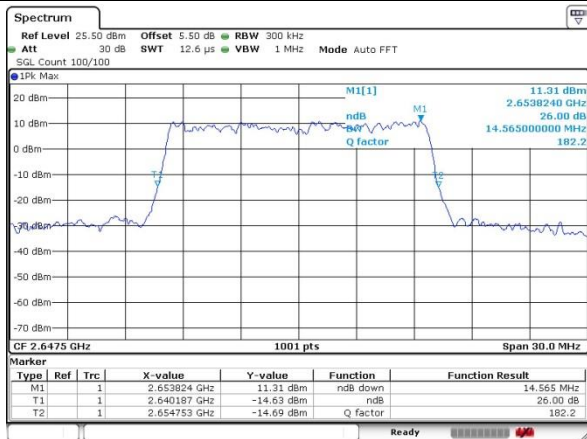
Date: 21 MAY 2018 16:28:09

Middle Channel / 20MHz / 64QAM



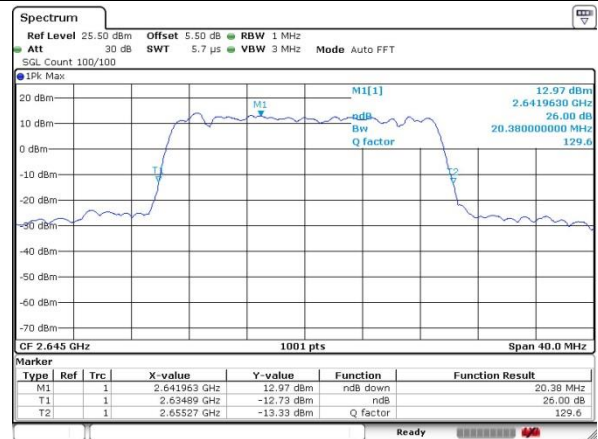
Date: 21 MAY 2018 16:31:31

Highest Channel / 15MHz / 64QAM



Date: 21 MAY 2018 16:29:16

Highest Channel / 20MHz / 64QAM



Date: 21 MAY 2018 16:33:13



Occupied Bandwidth

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	1.1	1.09	2.72	2.73	4.49	4.51	8.99	9.01	1.09	2.72	4.51	8.97
Middle CH	1.09	1.09	2.7	2.72	4.51	4.5	9.05	8.99	1.09	2.71	4.48	8.99
Highest CH	1.1	1.09	2.73	2.72	4.49	4.48	8.99	8.99	1.09	2.72	4.50	9.07

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	-	-	-	-	4.48	4.51	9.03	9.07	13.4	13.43	18.38	18.42
Middle CH	-	-	-	-	4.49	4.49	9.07	9.01	13.34	13.4	18.18	18.42
Highest CH	-	-	-	-	4.49	4.48	8.95	9.01	13.46	13.37	18.38	18.22

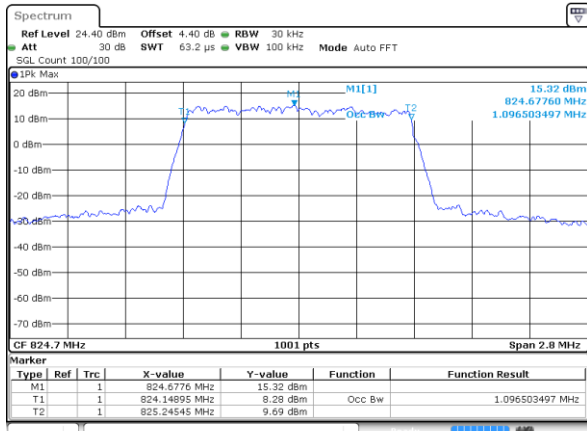
Mode	LTE Band 7 : 99%OBW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51		9.05		13.40		18.34	
Middle CH	-	-	-	-	4.49		9.03		13.40		18.18	
Highest CH	-	-	-	-	4.48		9.09		13.40		18.38	

Mode	LTE Band 41 : 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	4.48	4.50	9.07	9.01	13.40	13.46	18.14	18.42	4.51	8.99	13.43	18.02
Middle CH	4.49	4.48	9.01	8.99	13.49	13.46	18.38	18.50	4.49	9.07	13.43	18.30
Highest CH	4.49	4.51	9.01	9.03	13.40	13.49	18.54	18.30	4.48	9.03	13.43	18.50



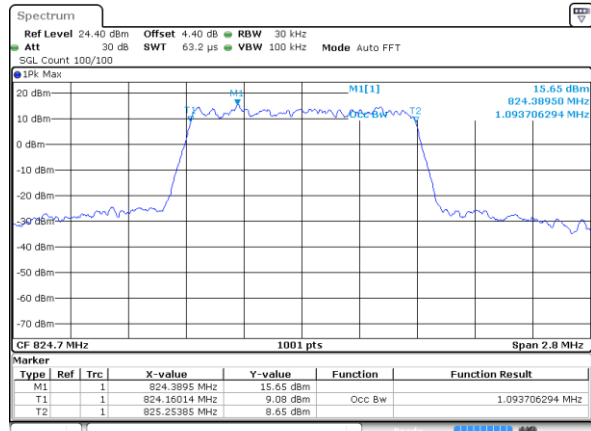
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



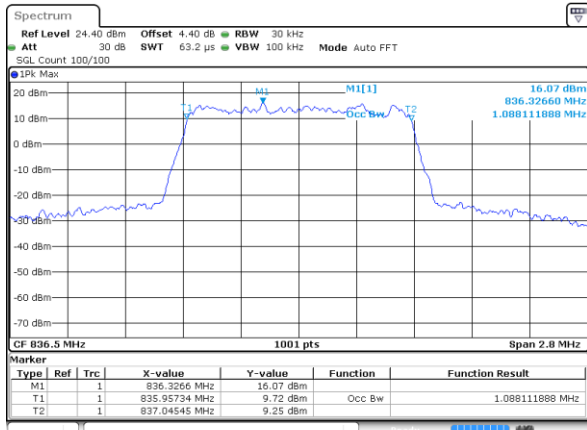
Date: 16 MAY 2018 18:32:55

Lowest Channel / 1.4MHz / 16QAM



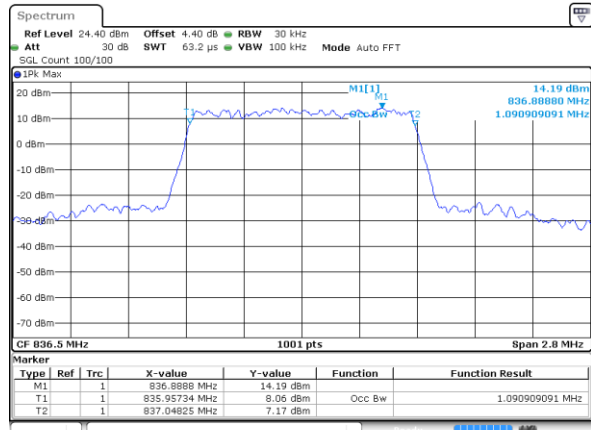
Date: 16 MAY 2018 18:33:06

Middle Channel / 1.4MHz / QPSK



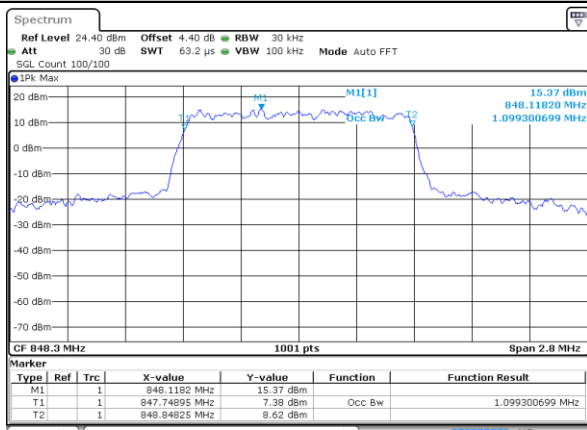
Date: 16 MAY 2018 18:42:01

Middle Channel / 1.4MHz / 16QAM



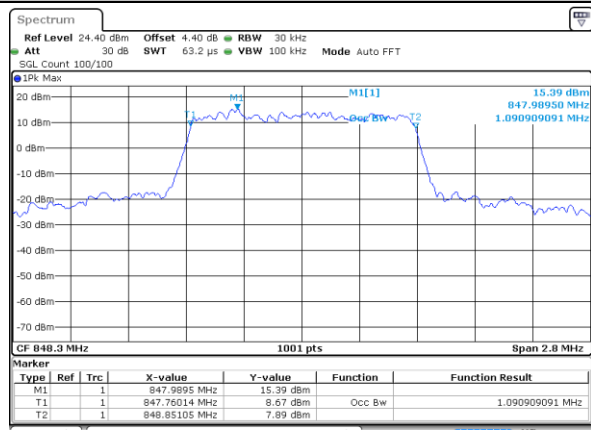
Date: 16 MAY 2018 18:42:11

Highest Channel / 1.4MHz / QPSK



Date: 16 MAY 2018 18:44:34

Highest Channel / 1.4MHz / 16QAM

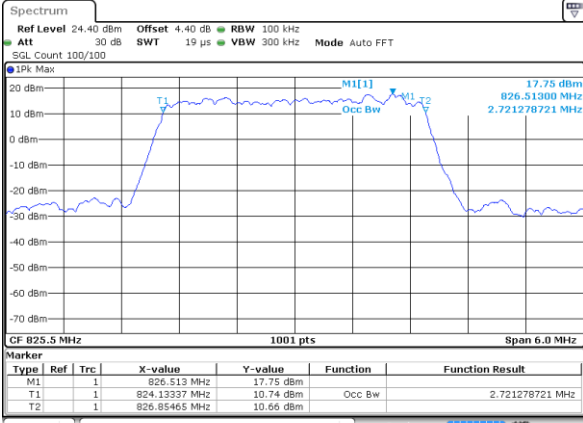


Date: 16 MAY 2018 18:44:44



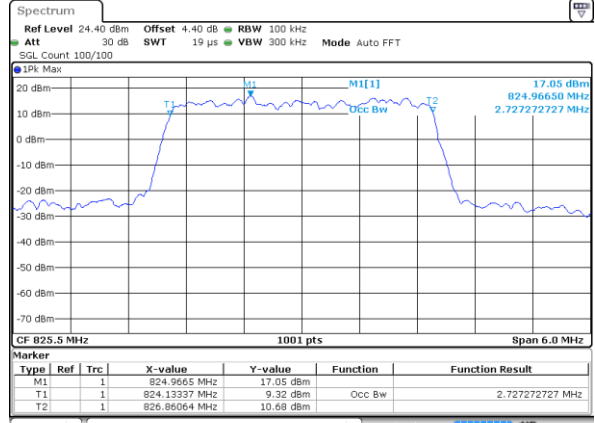
LTE Band 5

Lowest Channel / 3MHz / QPSK



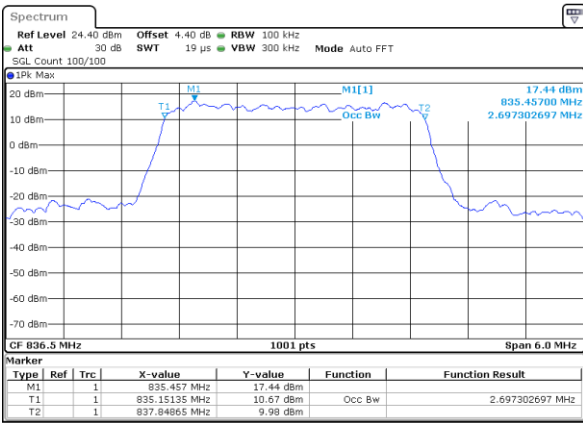
Date: 16 MAY 2018 19:16:18

Lowest Channel / 3MHz / 16QAM



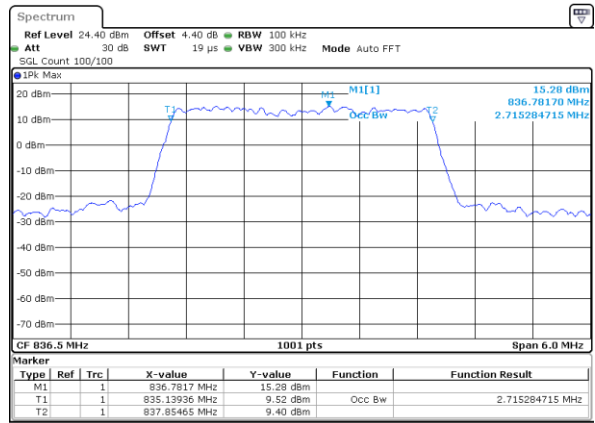
Date: 16 MAY 2018 19:16:29

Middle Channel / 3MHz / QPSK



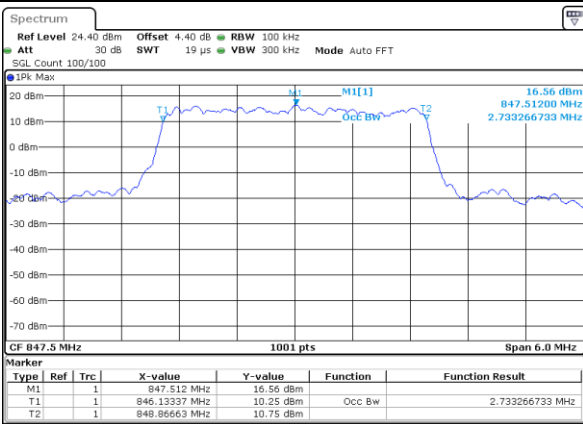
Date: 16 MAY 2018 19:25:25

Middle Channel / 3MHz / 16QAM



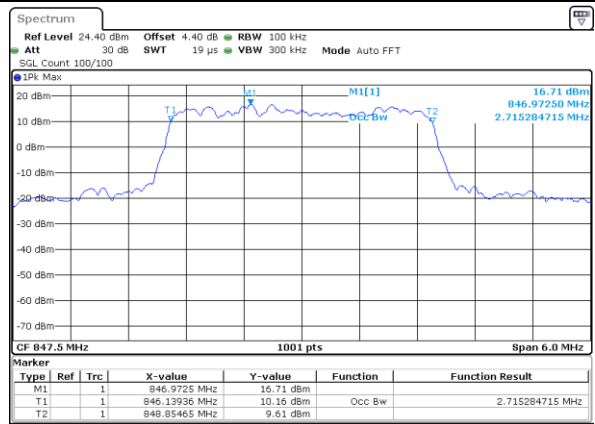
Date: 16 MAY 2018 19:25:36

Highest Channel / 3MHz / QPSK



Date: 16 MAY 2018 19:51:28

Highest Channel / 3MHz / 16QAM



Date: 16 MAY 2018 19:51:39