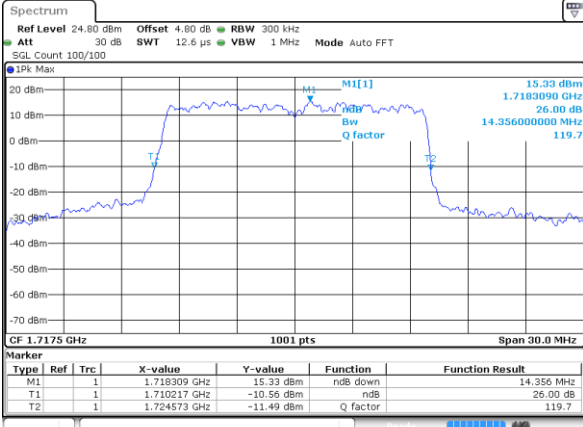




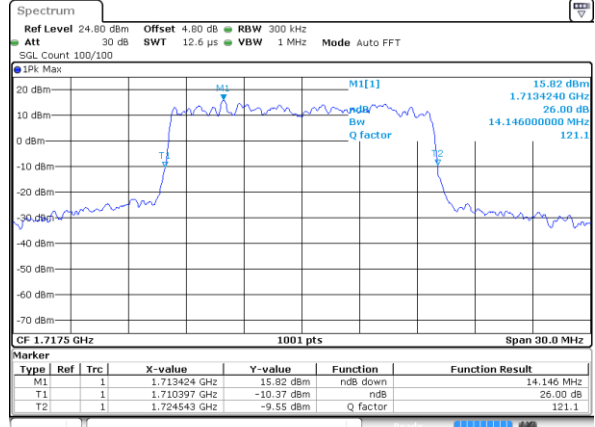
LTE Band 66

Lowest Channel / 15MHz / QPSK



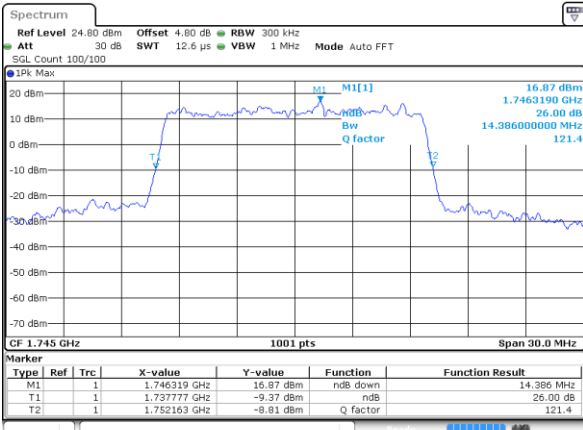
Date: 19 SEP 2018 14:19:16

Lowest Channel / 15MHz / 16QAM



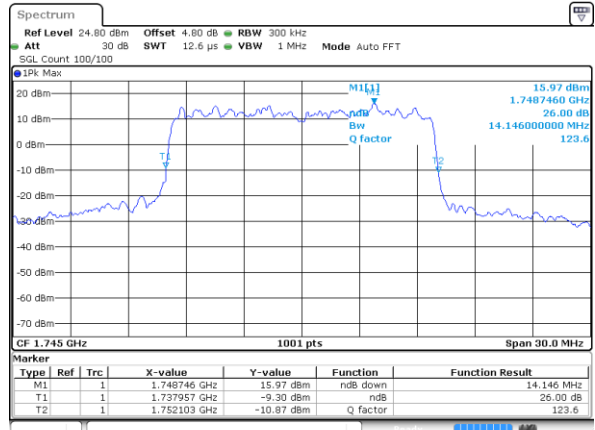
Date: 19 SEP 2018 14:19:33

Middle Channel / 15MHz / QPSK



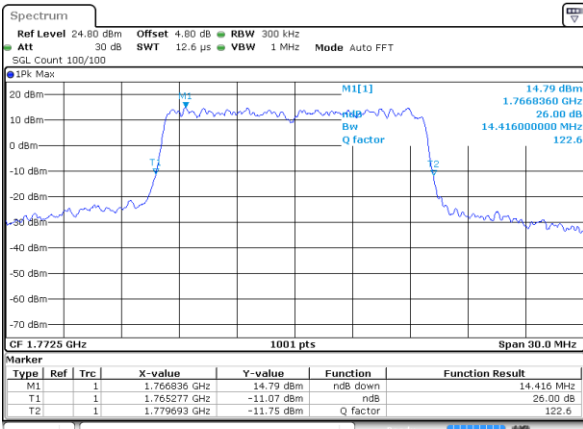
Date: 19 SEP 2018 14:27:16

Middle Channel / 15MHz / 16QAM



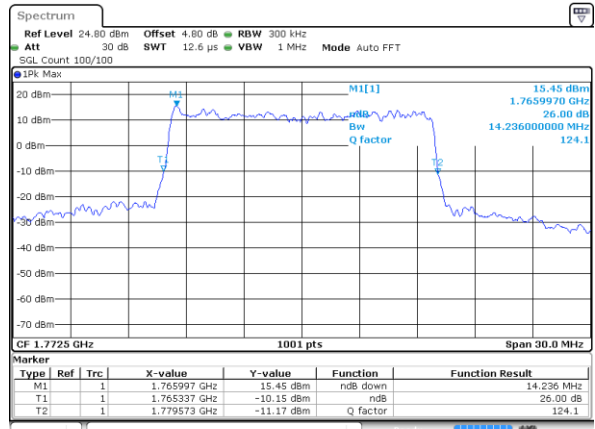
Date: 19 SEP 2018 14:26:58

Highest Channel / 15MHz / QPSK



Date: 19 SEP 2018 14:28:16

Highest Channel / 15MHz / 16QAM

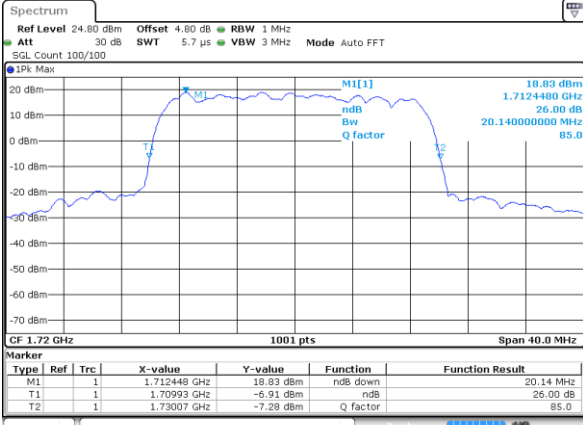


Date: 19 SEP 2018 14:28:33



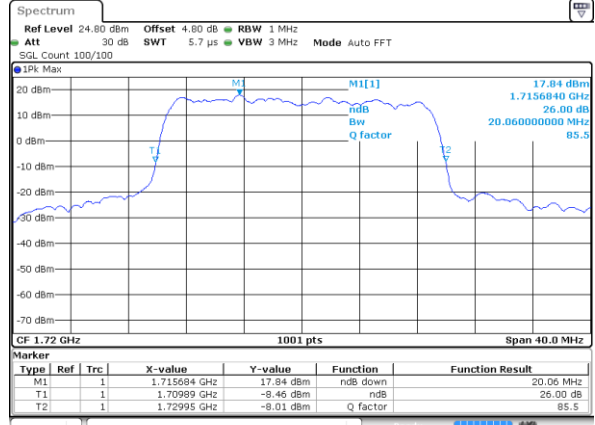
LTE Band 66

Lowest Channel / 20MHz / QPSK



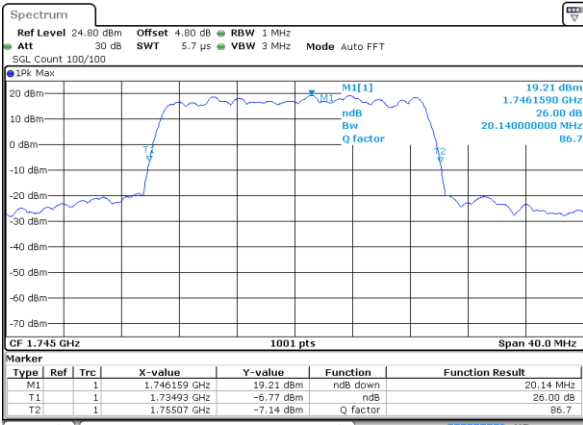
Date: 19 SEP 2018 14:53:46

Lowest Channel / 20MHz / 16QAM



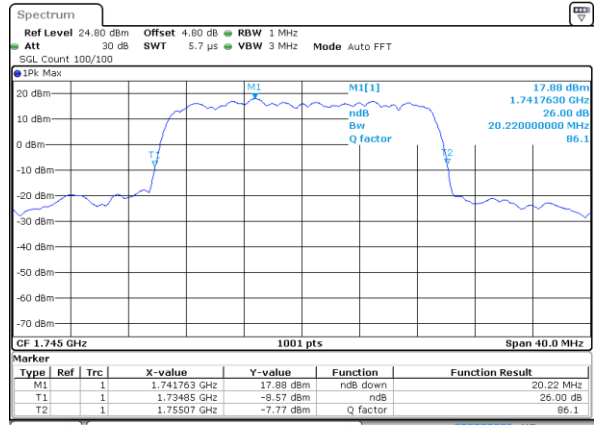
Date: 19 SEP 2018 14:54:02

Middle Channel / 20MHz / QPSK



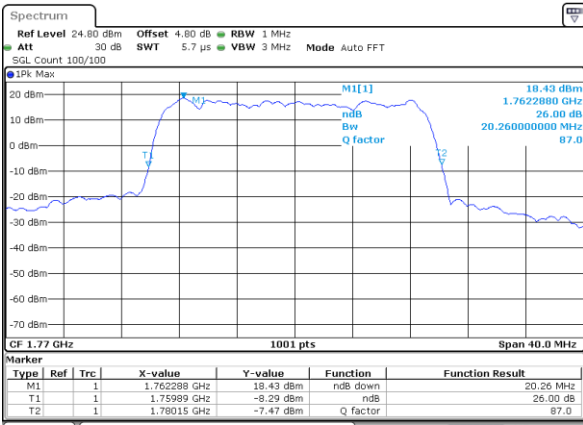
Date: 19 SEP 2018 15:01:05

Middle Channel / 20MHz / 16QAM



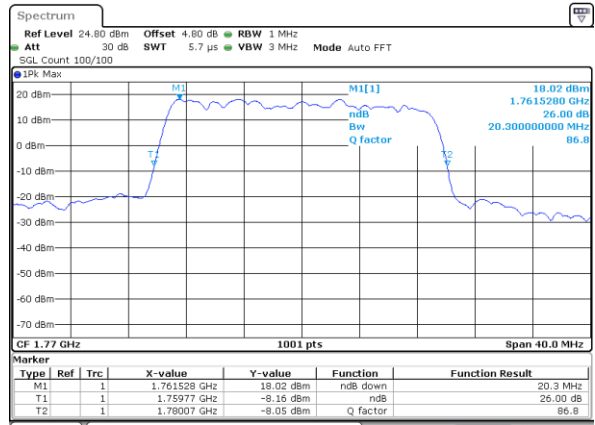
Date: 19 SEP 2018 15:00:47

Highest Channel / 20MHz / QPSK



Date: 19 SEP 2018 15:01:53

Highest Channel / 20MHz / 16QAM

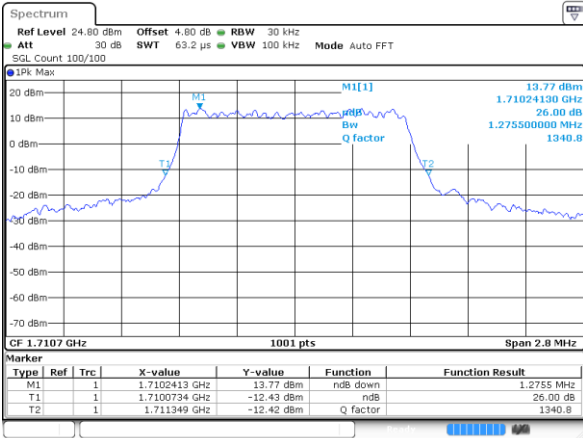


Date: 19 SEP 2018 15:02:10



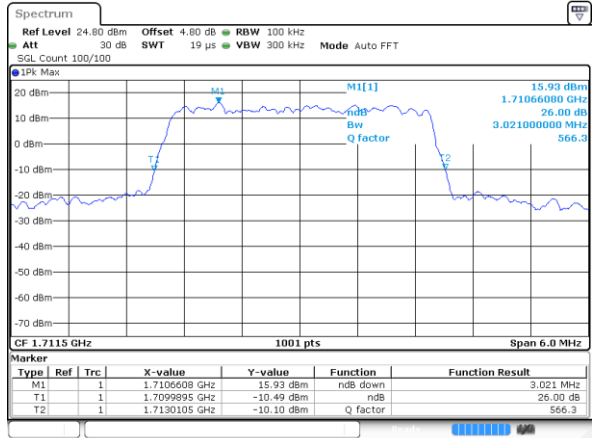
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



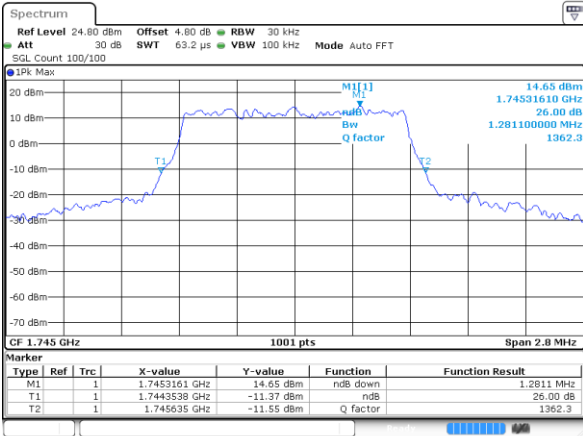
Date: 19 SEP 2018 10:56:16

Lowest Channel / 3MHz / 64QAM



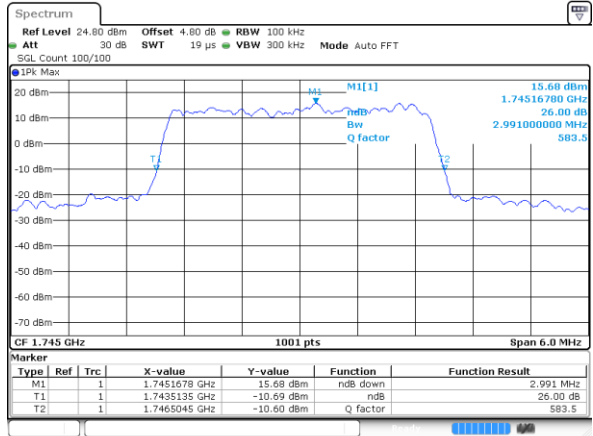
Date: 19 SEP 2018 13:30:04

Middle Channel / 1.4MHz / 64QAM



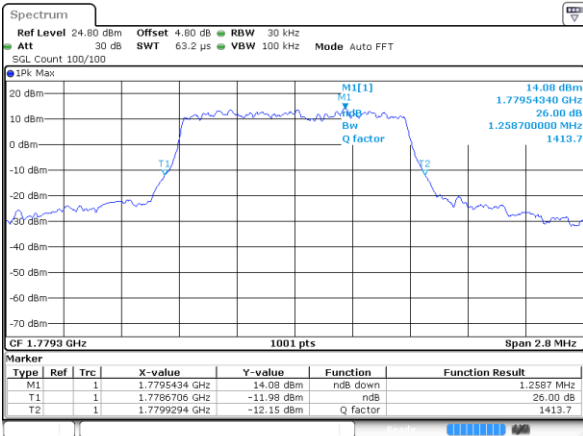
Date: 19 SEP 2018 11:09:50

Middle Channel / 3MHz / 64QAM



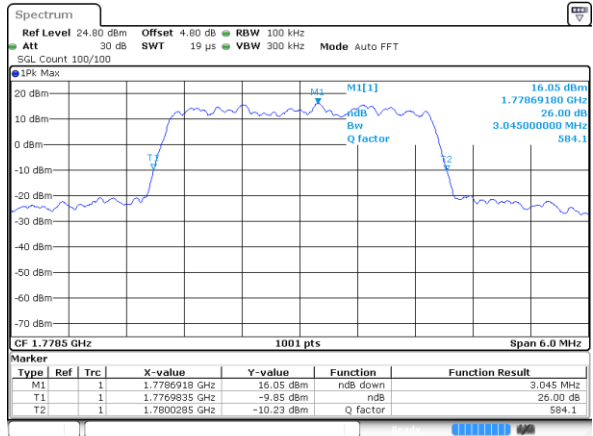
Date: 19 SEP 2018 13:37:08

Highest Channel / 1.4MHz / 64QAM



Date: 19 SEP 2018 11:17:32

Highest Channel / 3MHz / 64QAM

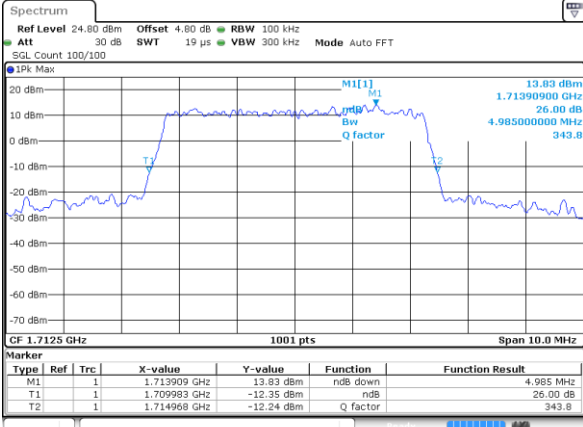


Date: 19 SEP 2018 13:40:30



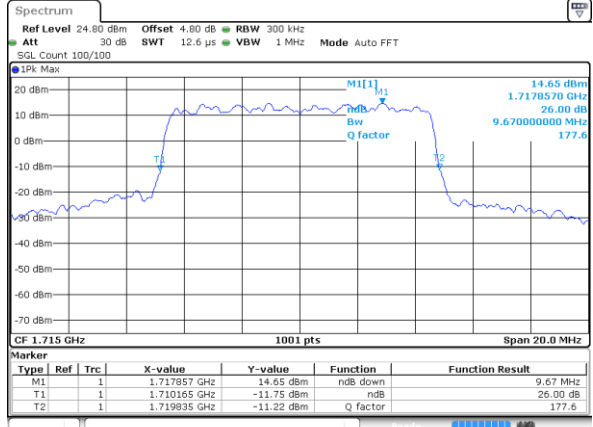
LTE Band 2

Lowest Channel / 5MHz / 64QAM



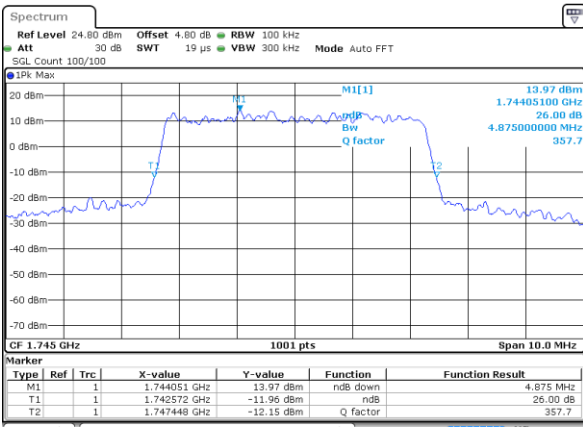
Date: 19 SEP 2018 13:49:33

Lowest Channel / 10MHz / 64QAM



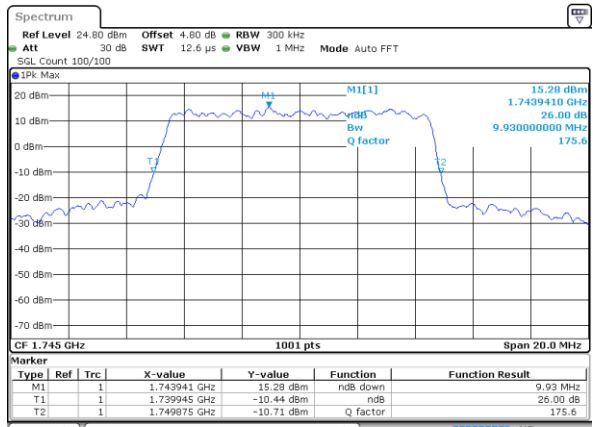
Date: 19 SEP 2018 14:05:36

Middle Channel / 5MHz / 64QAM



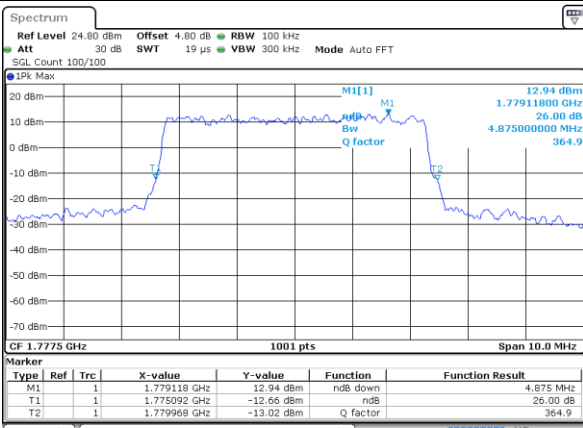
Date: 19 SEP 2018 13:55:24

Middle Channel / 10MHz / 64QAM



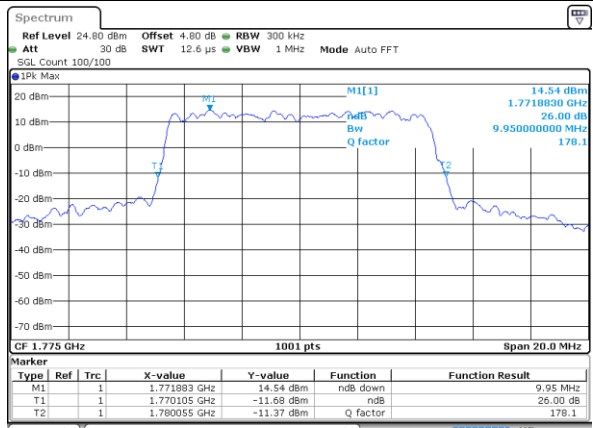
Date: 19 SEP 2018 14:11:15

Highest Channel / 5MHz / 64QAM



Date: 19 SEP 2018 14:02:20

Highest Channel / 10MHz / 64QAM

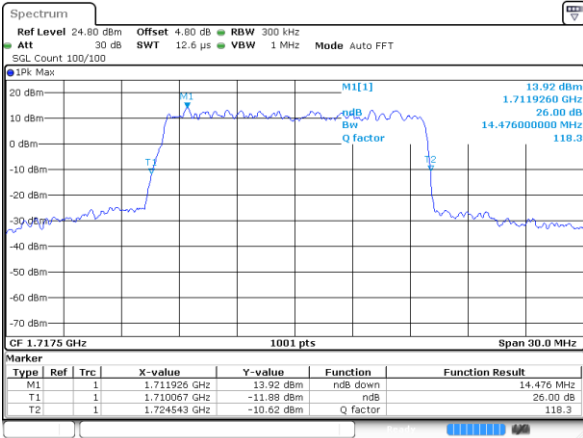


Date: 19 SEP 2018 14:12:53



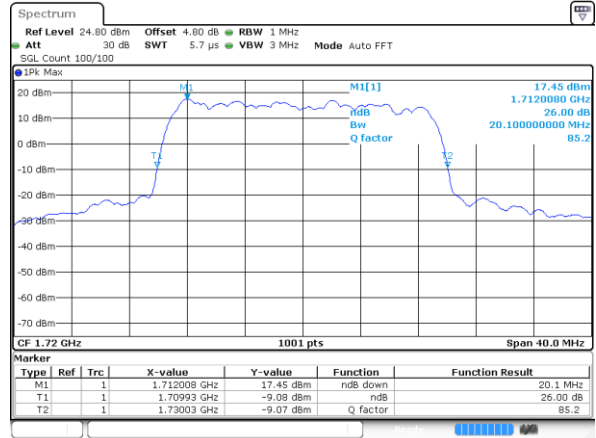
LTE Band 2

Lowest Channel / 15MHz / 64QAM



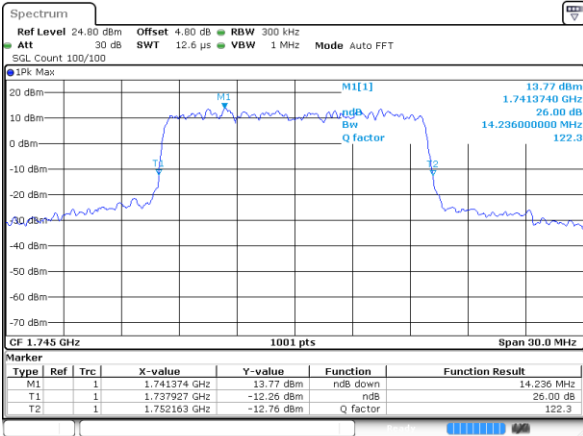
Date: 19 SEP 2018 14:19:57

Lowest Channel / 20MHz / 64QAM



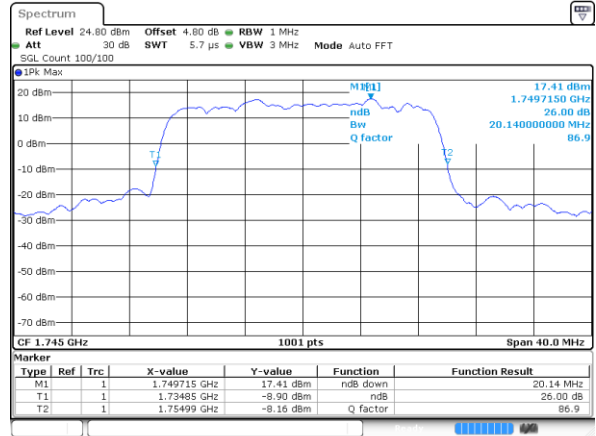
Date: 19 SEP 2018 14:54:22

Middle Channel / 15MHz / 64QAM



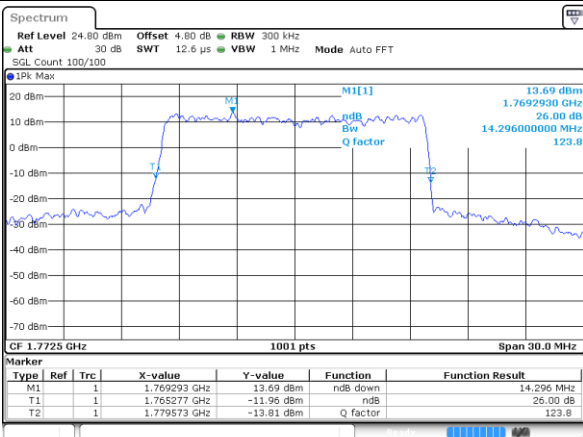
Date: 19 SEP 2018 14:26:40

Middle Channel / 20MHz / 64QAM



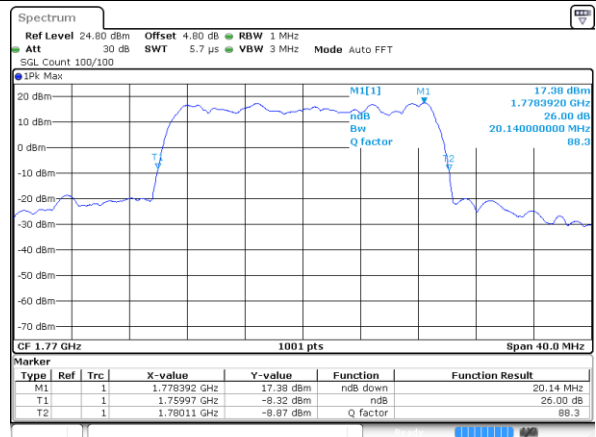
Date: 19 SEP 2018 15:00:29

Highest Channel / 15MHz / 64QAM



Date: 19 SEP 2018 14:28:51

Highest Channel / 20MHz / 64QAM



Date: 19 SEP 2018 15:02:26



**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	1.1	2.72	2.71	4.49	4.5	9.03	9.05	13.43	13.46	18.42	18.46
Middle CH	1.09	1.1	2.72	2.72	4.5	4.49	9.01	9.03	13.43	13.43	18.3	18.3
Highest CH	1.09	1.1	2.71	2.72	4.48	4.49	9.03	8.93	13.37	13.37	18.3	18.42
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		2.72		4.78		8.99		13.52		18.34	
Middle CH	1.10		2.72		4.78		9.03		13.49		18.50	
Highest CH	1.10		2.73		4.50		8.97		13.37		18.26	

Mode	LTE Band 5 : 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	1.1	2.73	2.74	4.47	4.51	9.09	9.01	-	-	-	-
Middle CH	1.09	1.09	2.7	2.7	4.49	4.5	9.03	8.99	-	-	-	-
Highest CH	1.1	1.09	2.72	2.73	4.52	4.5	9.07	9.03	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		-		-	
Mod.	64QAM		64QAM		64QAM		64QAM		-		-	
Lowest CH	1.09		2.72		4.47		9.03		-		-	
Middle CH	1.09		2.73		4.49		9.07		-		-	
Highest CH	1.10		2.72		4.50		9.09		-		-	



LTE Band 7 : 99%OBW(MHz)												
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	-	-	-	-	4.5	4.5	9.05	9.03	13.43	13.46	18.42	18.42
Middle CH	-	-	-	-	4.47	4.5	8.99	9.05	13.4	13.43	18.3	18.5
Highest CH	-	-	-	-	4.5	4.5	9.05	9.07	13.43	13.4	18.34	18.38

LTE Band 7 : 99%OBW(MHz)												
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51		9.05		13.46		18.46	
Middle CH	-	-	-	-	4.5		9.03		13.46		18.38	
Highest CH	-	-	-	-	4.5		9.07		13.46		18.5	

LTE Band 66 : 99%OBW(MHz)												
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	2.73	2.72	4.51	4.49	9.07	8.97	13.43	13.4	18.18	18.26
Middle CH	1.1	1.09	2.72	2.73	4.48	4.5	9.09	9.01	13.43	13.49	18.38	18.38
Highest CH	1.09	1.09	2.73	2.73	4.5	4.51	9.01	9.01	13.43	13.49	18.42	18.42

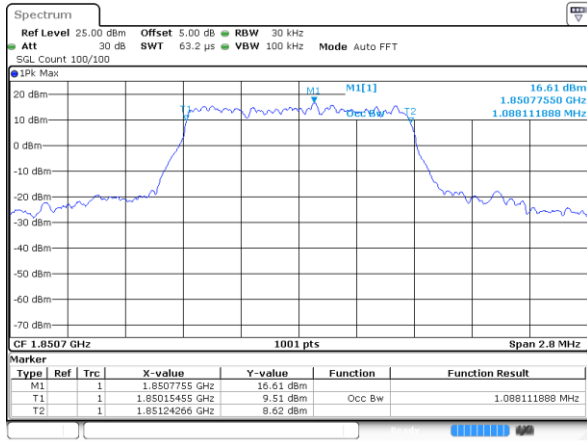
  

LTE Band 66 : 99%OBW(MHz)												
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.1		2.73		4.5		8.95		13.37		18.22	
Middle CH	1.09		2.72		4.5		9.03		13.37		18.46	
Highest CH	1.1		2.73		4.51		9.01		13.43		18.38	



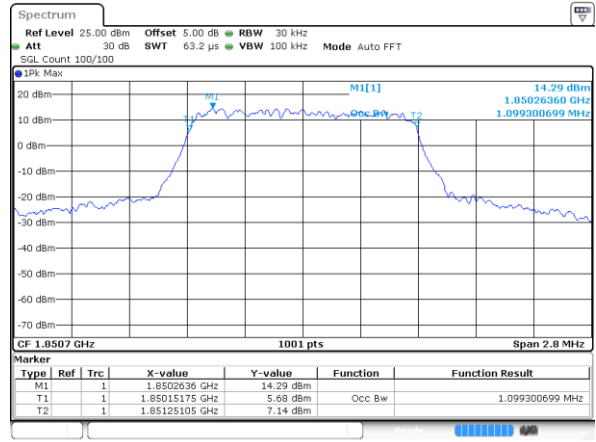
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



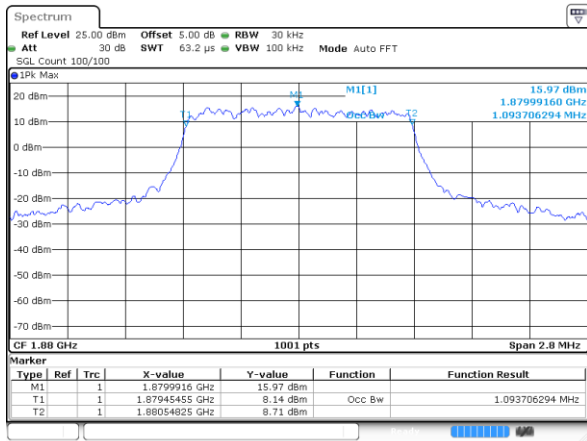
Date: 16 SEP 2018 08:26:56

Lowest Channel / 1.4MHz / 16QAM



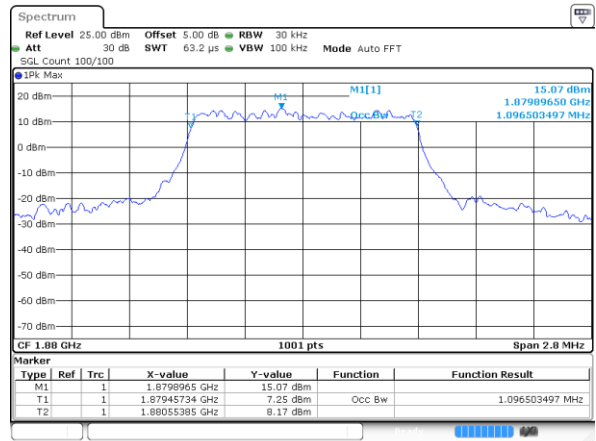
Date: 16 SEP 2018 08:27:07

Middle Channel / 1.4MHz / QPSK



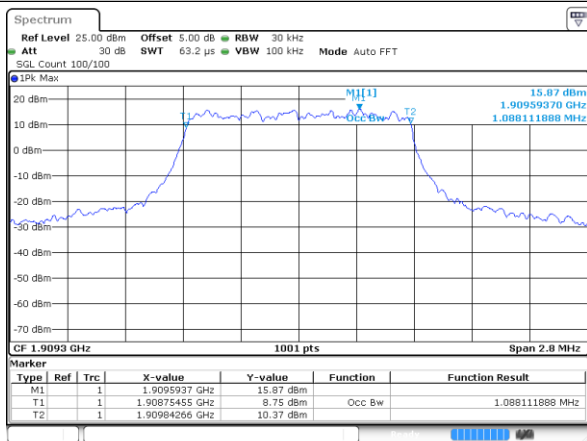
Date: 16 SEP 2018 08:34:05

Middle Channel / 1.4MHz / 16QAM



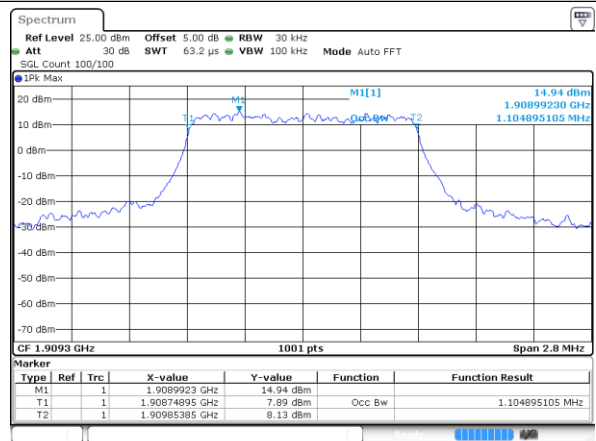
Date: 16 SEP 2018 08:34:15

Highest Channel / 1.4MHz / QPSK



Date: 16 SEP 2018 08:36:40

Highest Channel / 1.4MHz / 16QAM



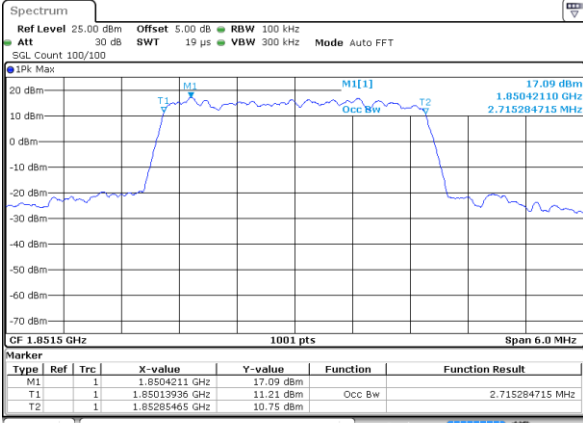
Date: 16 SEP 2018 08:36:51





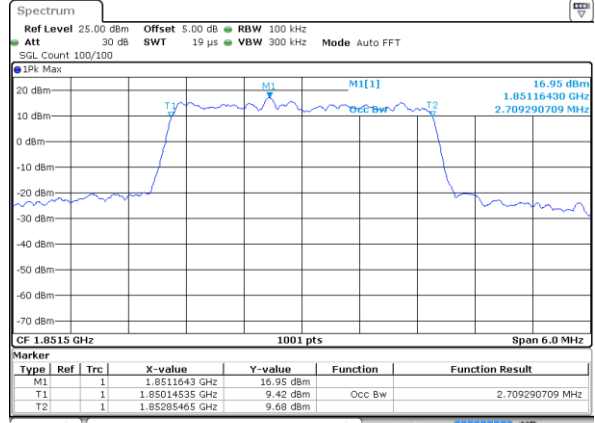
LTE Band 2

Lowest Channel / 3MHz / QPSK



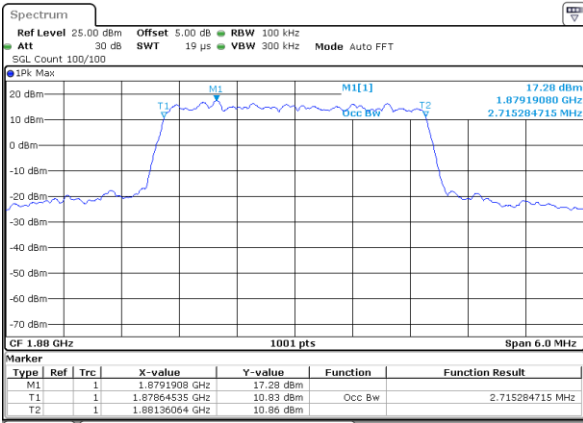
Date: 16 SEP 2018 08:43:48

Lowest Channel / 3MHz / 16QAM



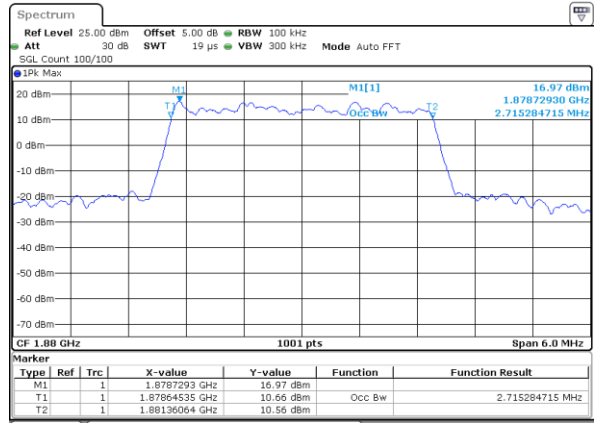
Date: 16 SEP 2018 08:43:59

Middle Channel / 3MHz / QPSK



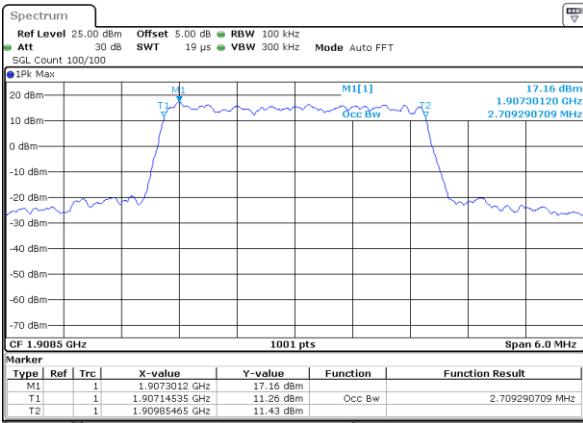
Date: 16 SEP 2018 08:50:56

Middle Channel / 3MHz / 16QAM



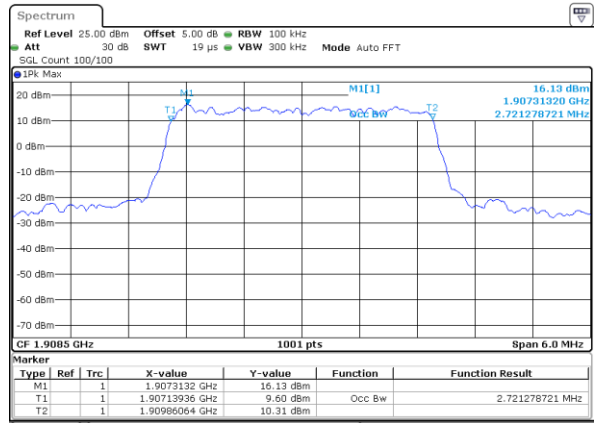
Date: 16 SEP 2018 08:51:07

Highest Channel / 3MHz / QPSK



Date: 16 SEP 2018 08:53:31

Highest Channel / 3MHz / 16QAM

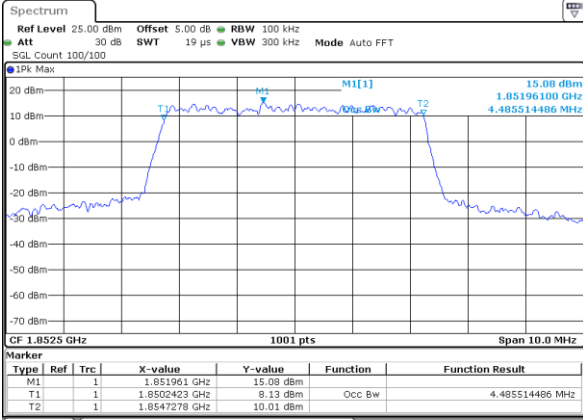


Date: 16 SEP 2018 08:53:42



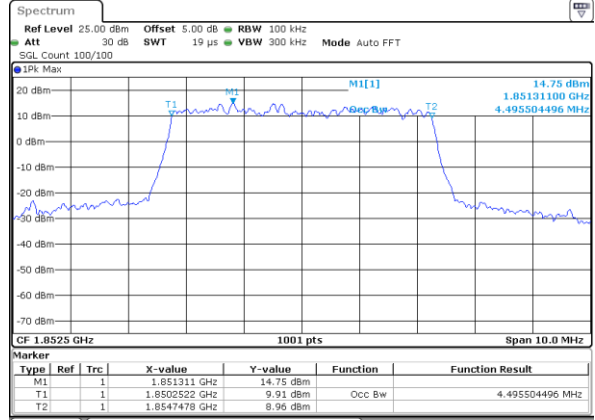
LTE Band 2

Lowest Channel / 5MHz / QPSK



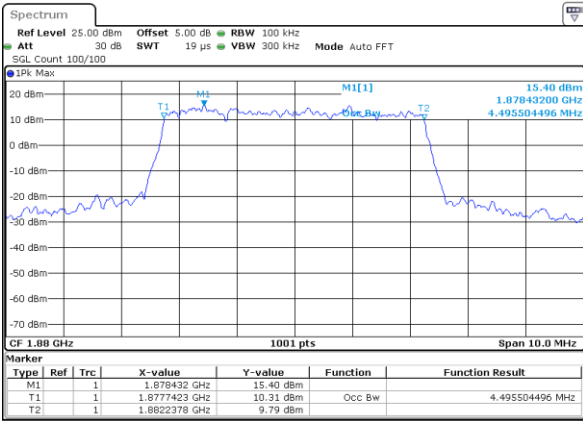
Date: 16 SEP 2018 09:09:14

Lowest Channel / 5MHz / 16QAM



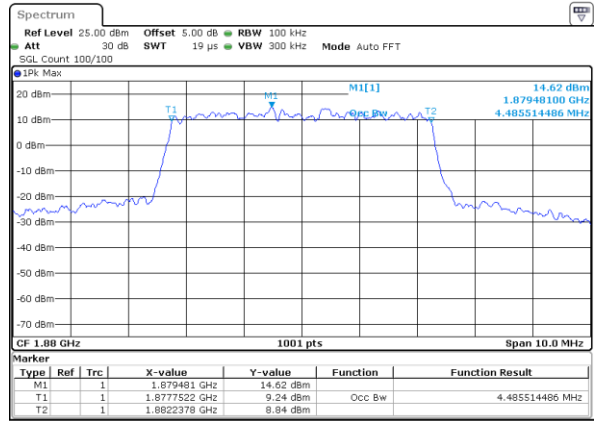
Date: 16 SEP 2018 09:09:25

Middle Channel / 5MHz / QPSK



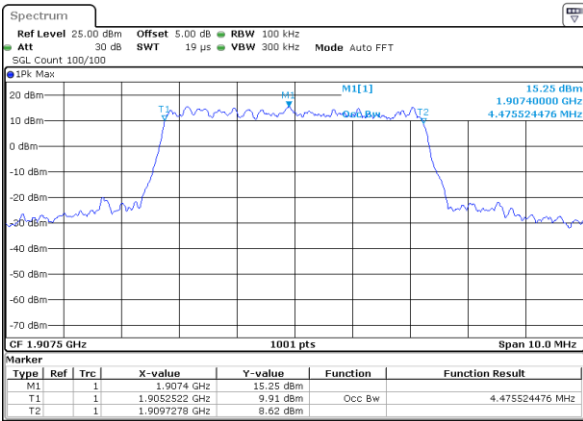
Date: 16 SEP 2018 09:11:56

Middle Channel / 5MHz / 16QAM



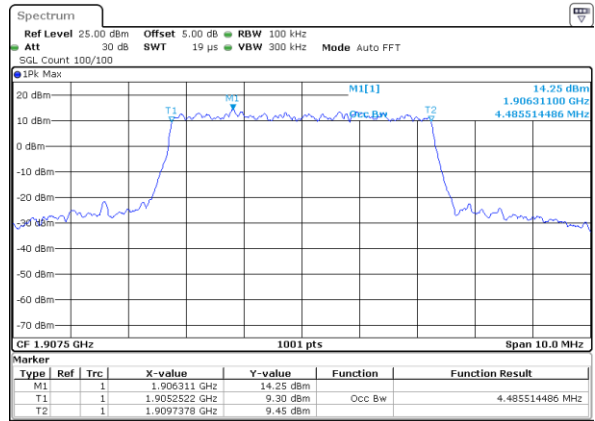
Date: 16 SEP 2018 09:12:07

Highest Channel / 5MHz / QPSK



Date: 16 SEP 2018 09:14:35

Highest Channel / 5MHz / 16QAM

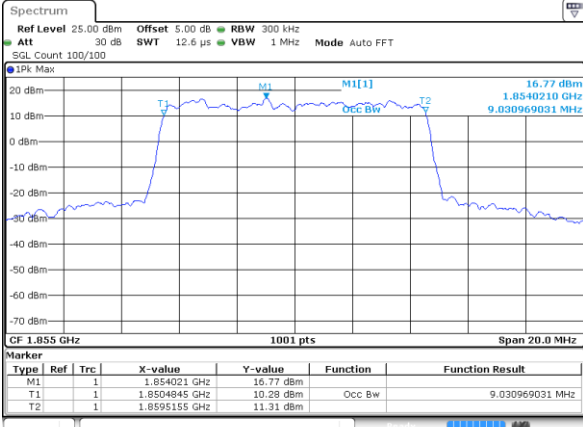


Date: 16 SEP 2018 09:14:46



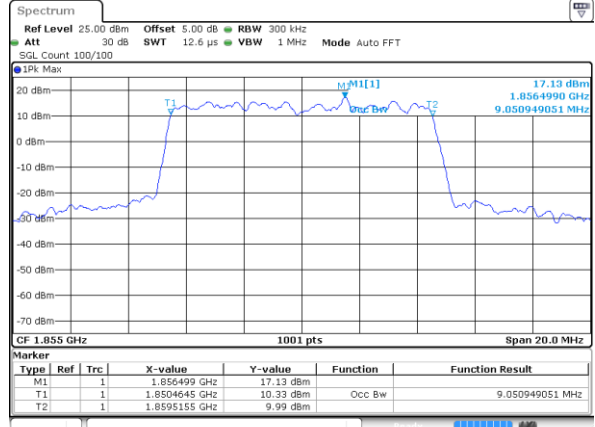
LTE Band 2

Lowest Channel / 10MHz / QPSK



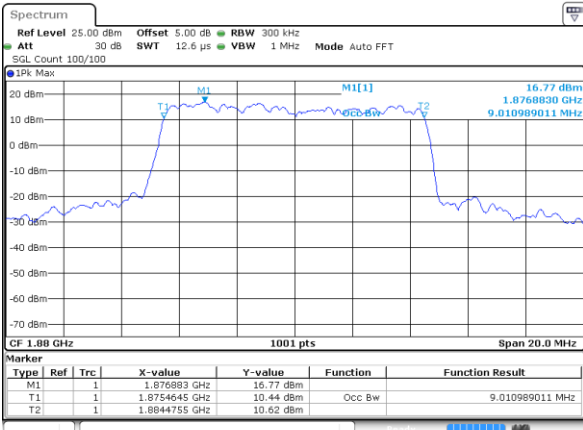
Date: 16 SEP 2018 09:21:44

Lowest Channel / 10MHz / 16QAM



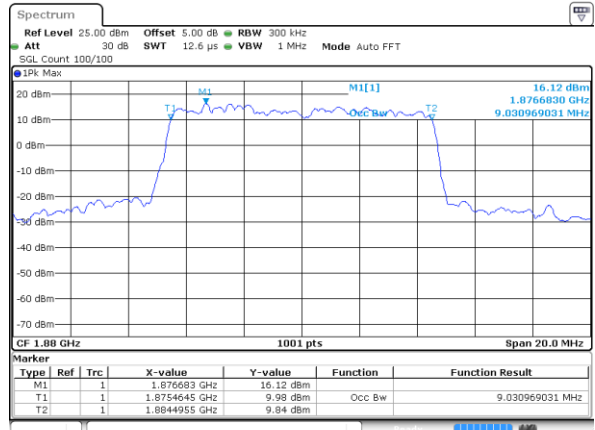
Date: 16 SEP 2018 09:21:54

Middle Channel / 10MHz / QPSK



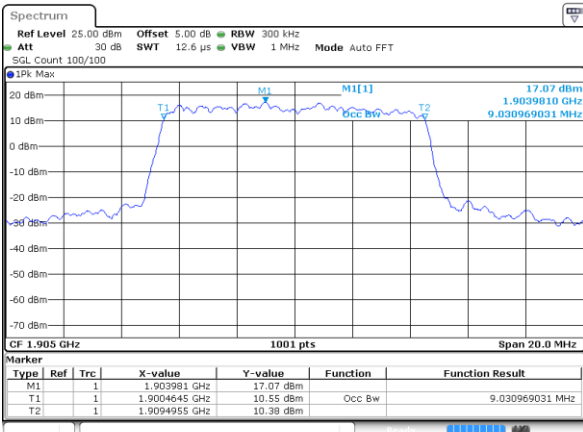
Date: 16 SEP 2018 09:39:56

Middle Channel / 10MHz / 16QAM



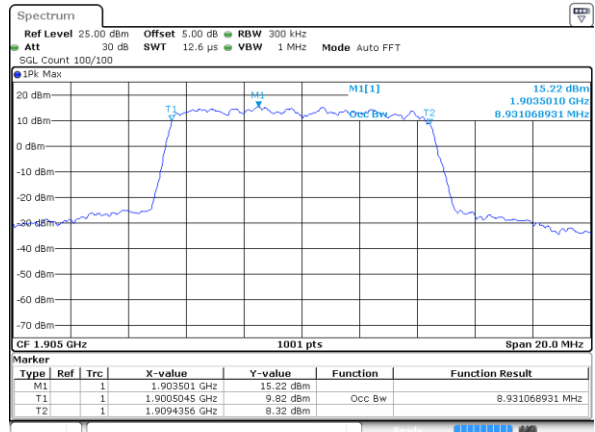
Date: 16 SEP 2018 09:40:07

Highest Channel / 10MHz / QPSK



Date: 16 SEP 2018 09:42:30

Highest Channel / 10MHz / 16QAM

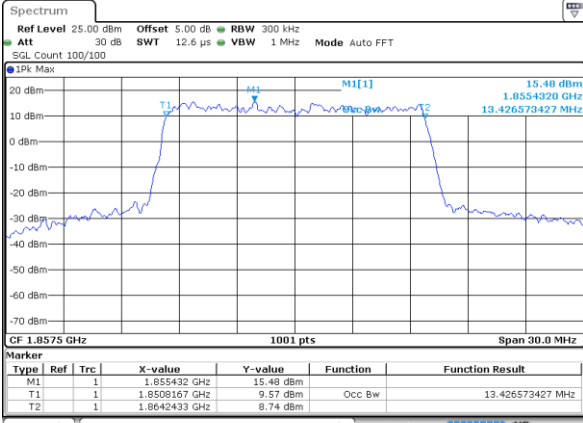


Date: 16 SEP 2018 09:42:41



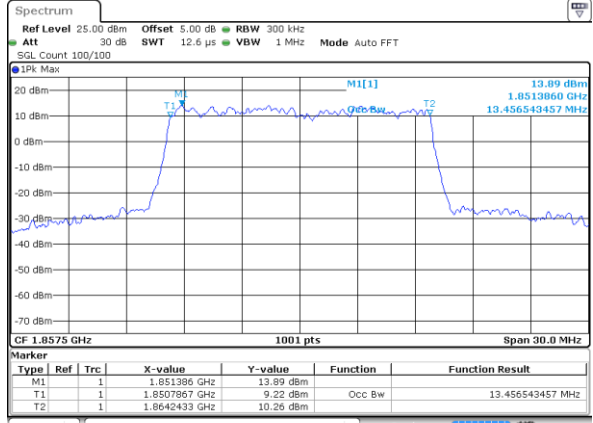
LTE Band 2

Lowest Channel / 15MHz / QPSK



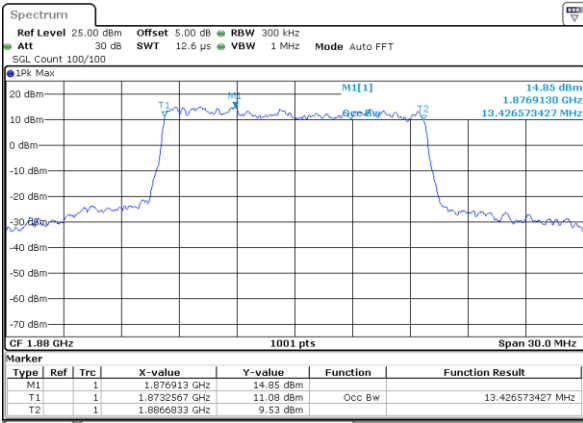
Date: 16 SEP 2018 09:49:37

Lowest Channel / 15MHz / 16QAM



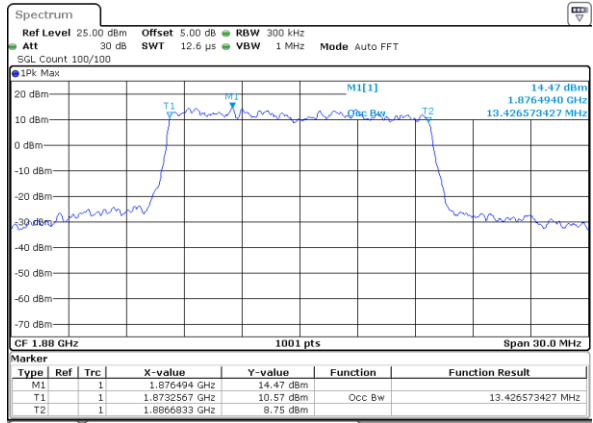
Date: 16 SEP 2018 09:49:47

Middle Channel / 15MHz / QPSK



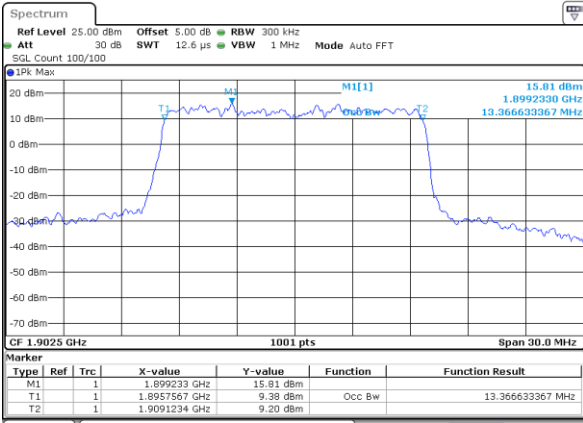
Date: 16 SEP 2018 09:56:42

Middle Channel / 15MHz / 16QAM



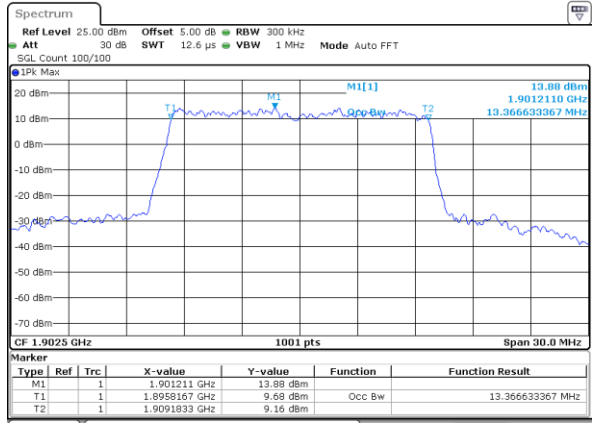
Date: 16 SEP 2018 09:56:53

Highest Channel / 15MHz / QPSK



Date: 16 SEP 2018 09:59:15

Highest Channel / 15MHz / 16QAM

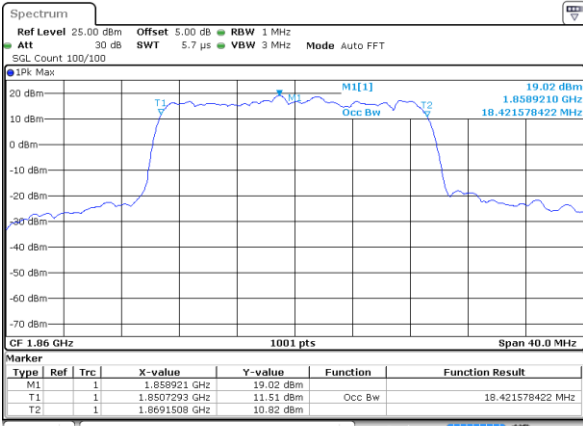


Date: 16 SEP 2018 09:59:26



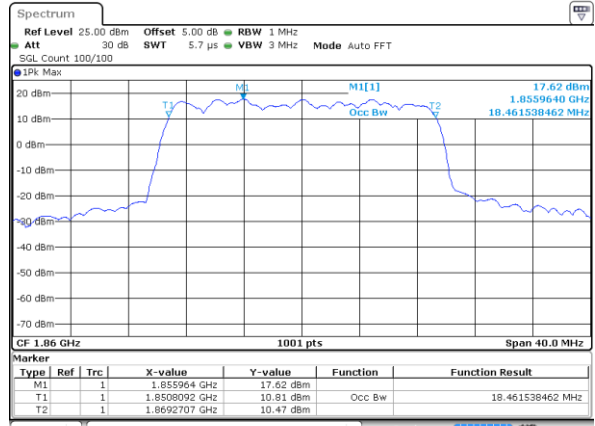
LTE Band 2

Lowest Channel / 20MHz / QPSK



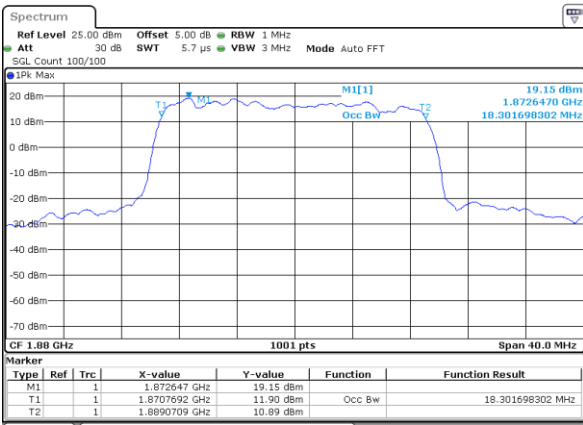
Date: 16 SEP 2018 10:06:20

Lowest Channel / 20MHz / 16QAM



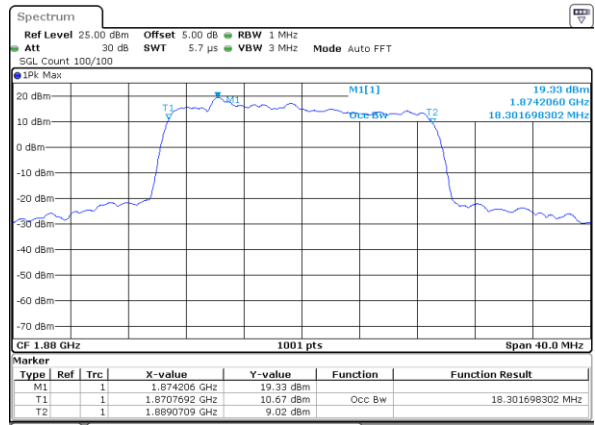
Date: 16 SEP 2018 10:06:31

Middle Channel / 20MHz / QPSK



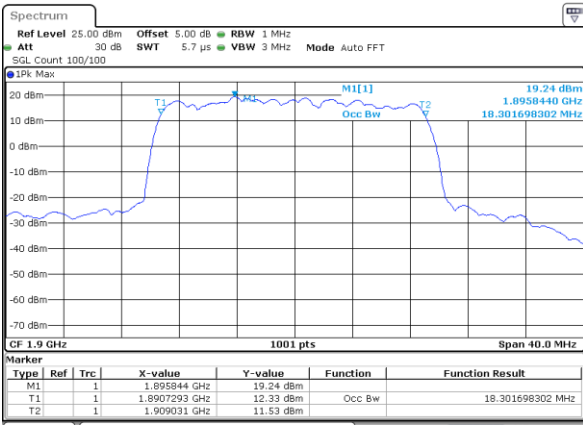
Date: 16 SEP 2018 10:13:28

Middle Channel / 20MHz / 16QAM



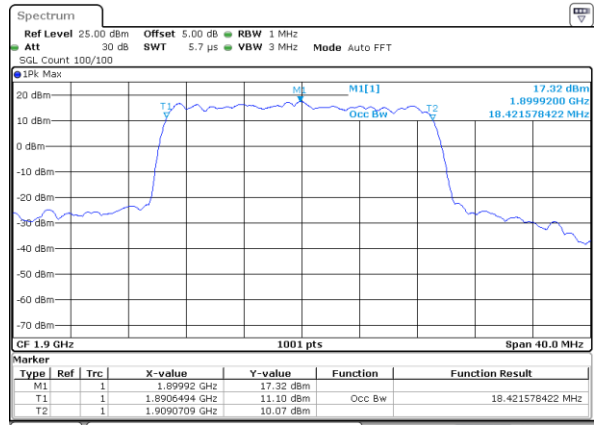
Date: 16 SEP 2018 10:13:36

Highest Channel / 20MHz / QPSK



Date: 16 SEP 2018 10:15:59

Highest Channel / 20MHz / 16QAM

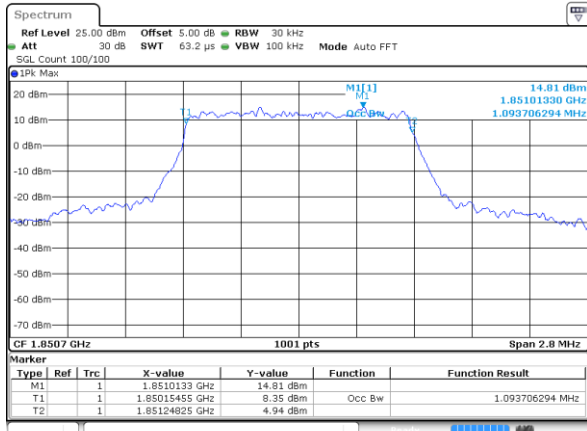


Date: 16 SEP 2018 10:16:10



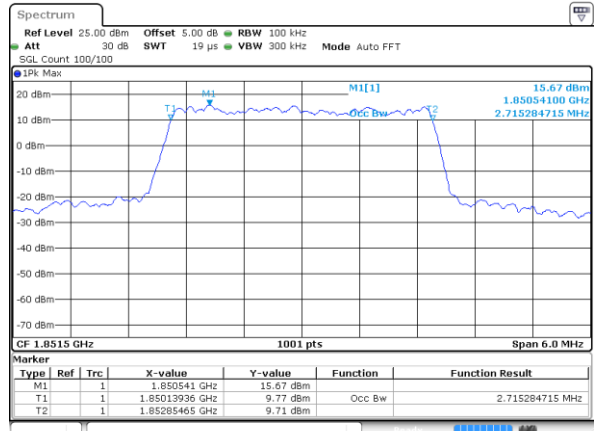
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



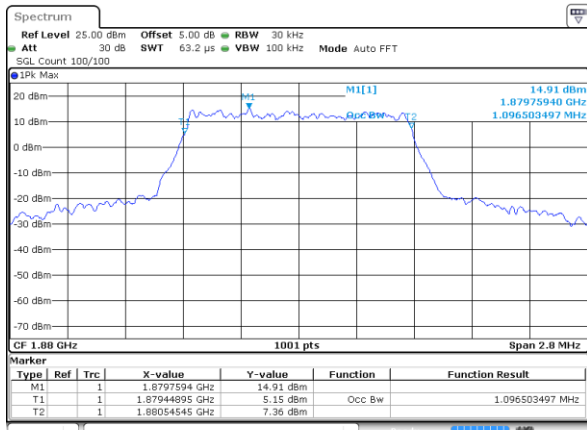
Date: 16 SEP 2018 10:25:33

Lowest Channel / 3MHz / 64QAM



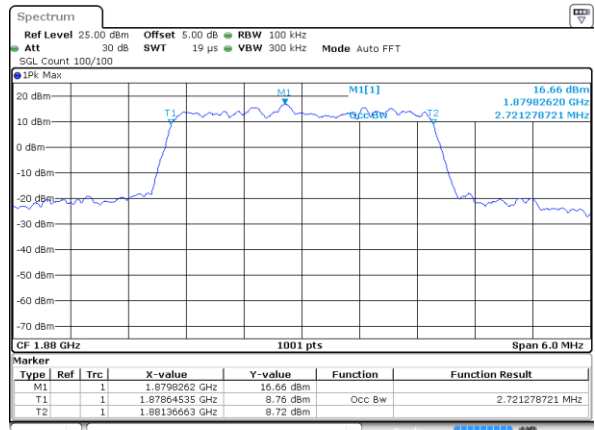
Date: 16 SEP 2018 10:26:05

Middle Channel / 1.4MHz / 64QAM



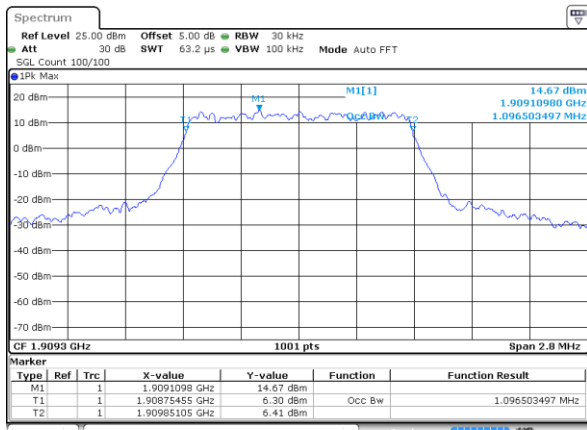
Date: 16 SEP 2018 10:25:43

Middle Channel / 3MHz / 64QAM



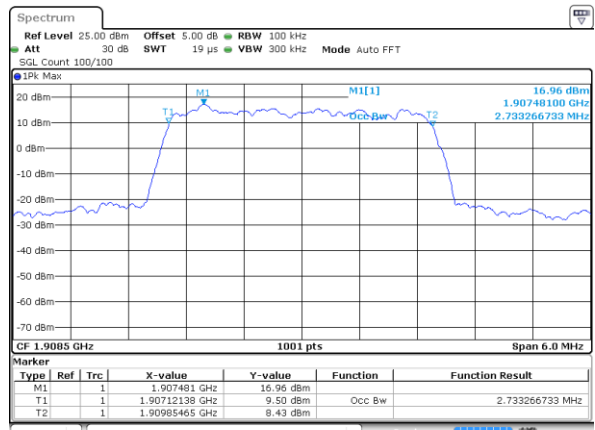
Date: 16 SEP 2018 10:26:15

Highest Channel / 1.4MHz / 64QAM



Date: 16 SEP 2018 10:25:54

Highest Channel / 3MHz / 64QAM

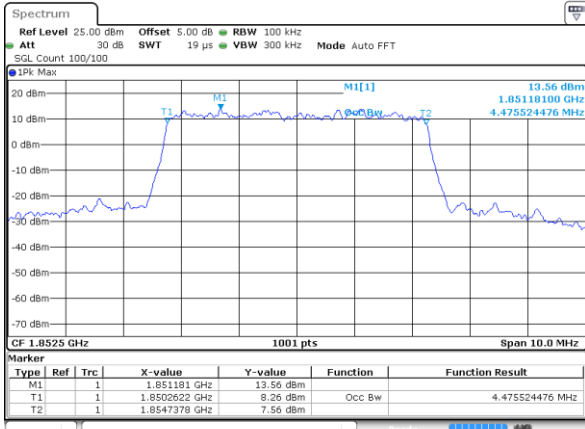


Date: 16 SEP 2018 10:26:26



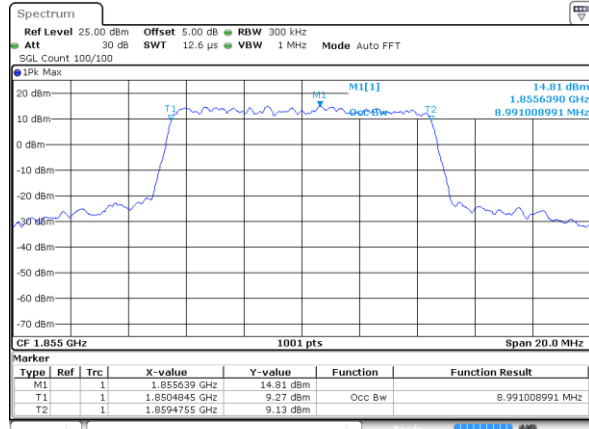
LTE Band 2

Lowest Channel / 5MHz / 64QAM



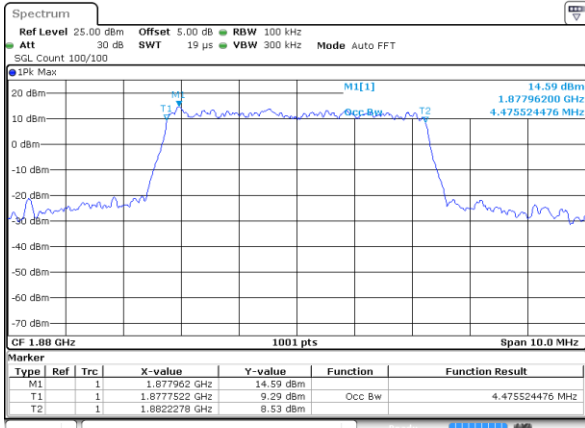
Date: 16 SEP 2018 10:26:37

Lowest Channel / 10MHz / 64QAM



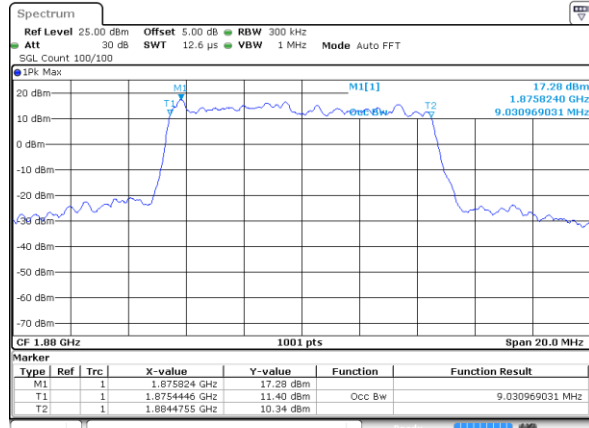
Date: 16 SEP 2018 10:27:09

Middle Channel / 5MHz / 64QAM



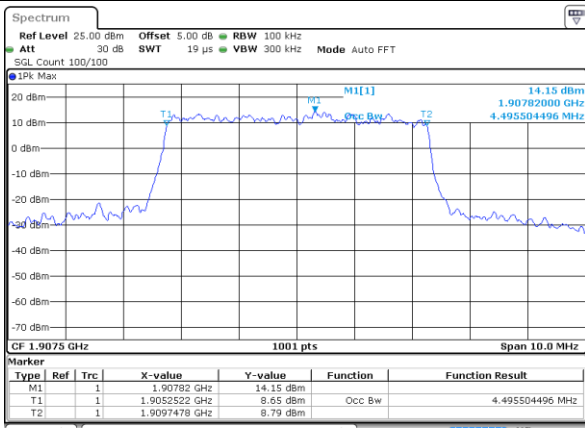
Date: 16 SEP 2018 10:26:47

Middle Channel / 10MHz / 64QAM



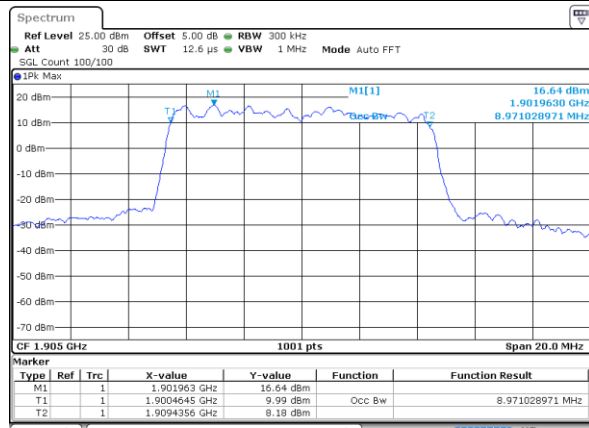
Date: 16 SEP 2018 10:27:19

Highest Channel / 5MHz / 64QAM



Date: 16 SEP 2018 10:26:58

Highest Channel / 10MHz / 64QAM

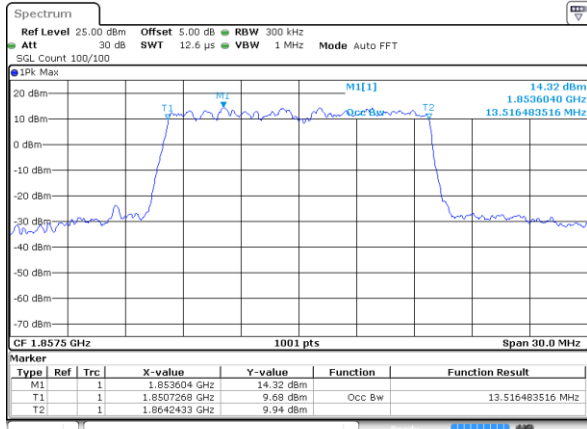


Date: 16 SEP 2018 10:27:30



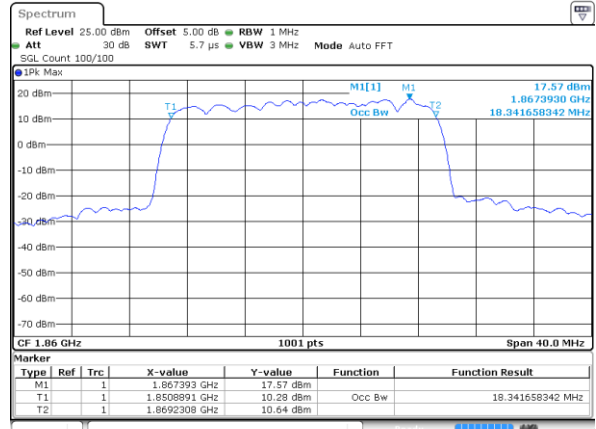
LTE Band 2

Lowest Channel / 15MHz / 64QAM



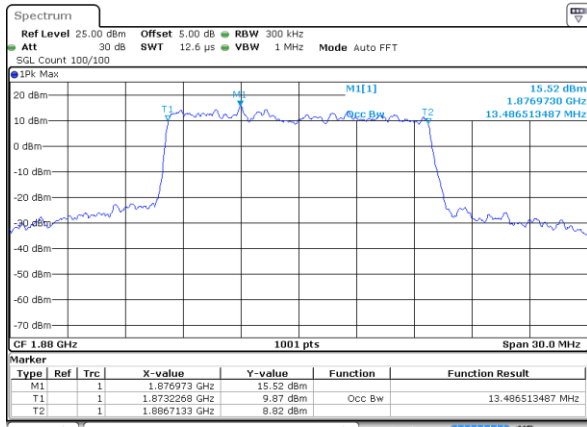
Date: 16 SEP 2018 10:27:41

Lowest Channel / 20MHz / 64QAM



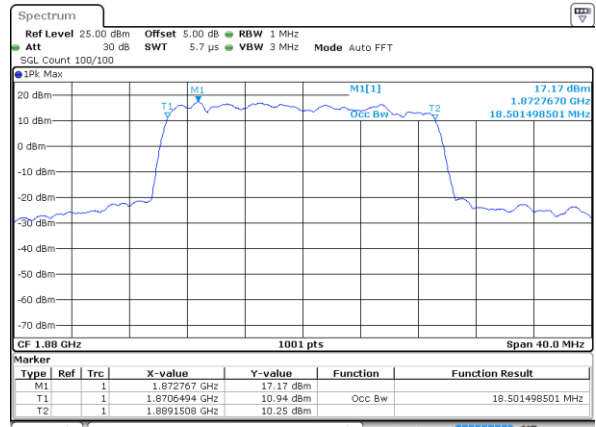
Date: 16 SEP 2018 10:28:13

Middle Channel / 15MHz / 64QAM



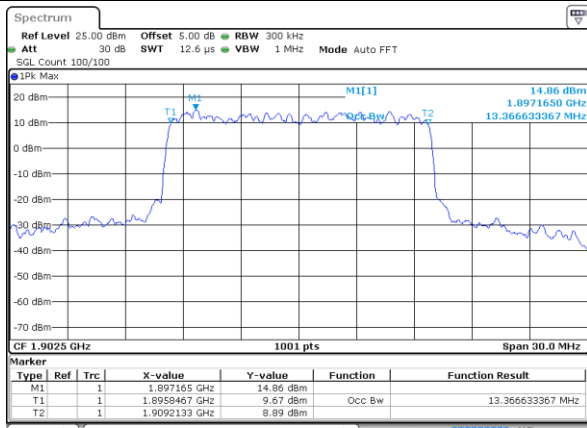
Date: 16 SEP 2018 10:27:52

Middle Channel / 20MHz / 64QAM



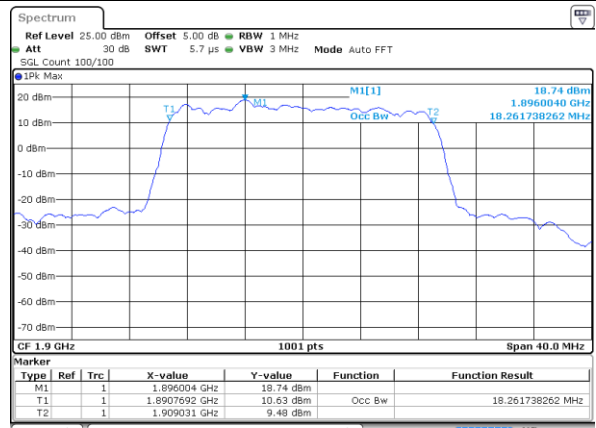
Date: 16 SEP 2018 10:28:24

Highest Channel / 15MHz / 64QAM



Date: 16 SEP 2018 10:28:02

Highest Channel / 20MHz / 64QAM



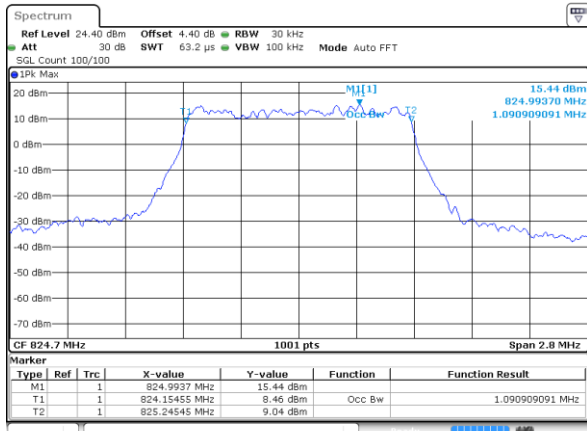
Date: 16 SEP 2018 10:28:34





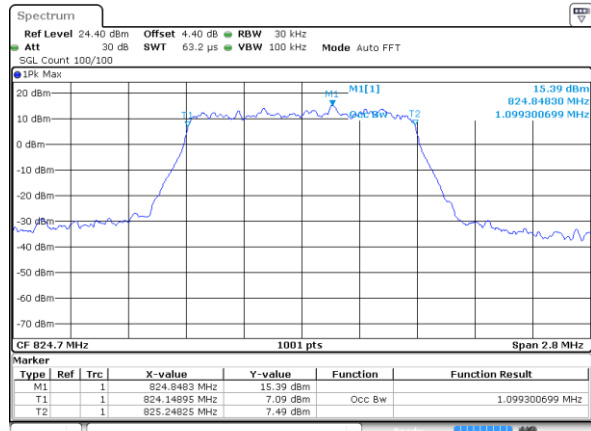
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



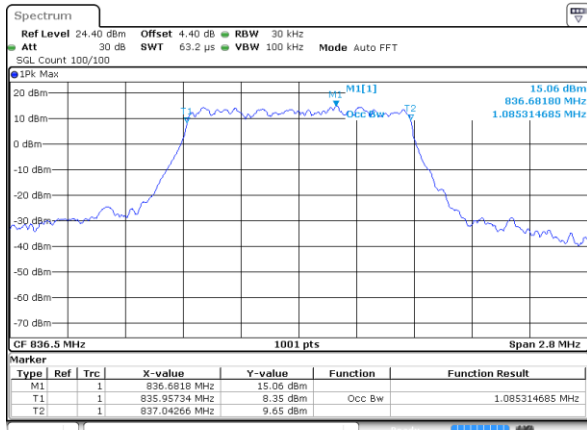
Date: 16 SEP 2018 13:32:23

Lowest Channel / 1.4MHz / 16QAM



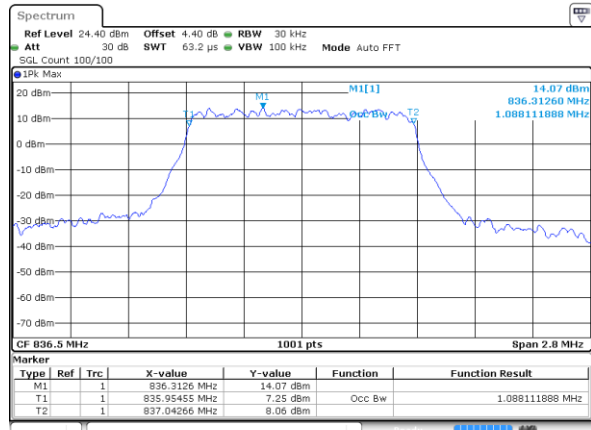
Date: 16 SEP 2018 13:32:34

Middle Channel / 1.4MHz / QPSK



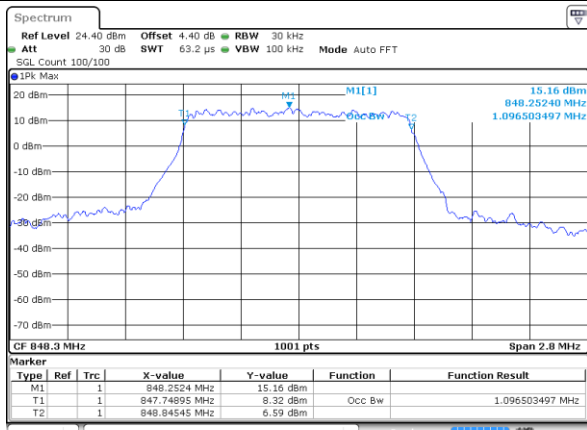
Date: 16 SEP 2018 13:41:30

Middle Channel / 1.4MHz / 16QAM



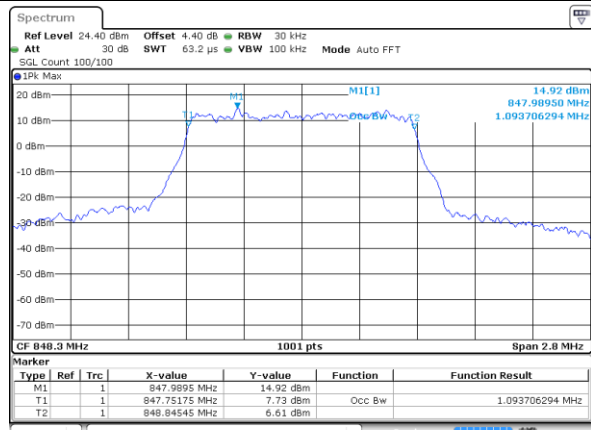
Date: 16 SEP 2018 13:41:41

Highest Channel / 1.4MHz / QPSK



Date: 16 SEP 2018 13:44:03

Highest Channel / 1.4MHz / 16QAM

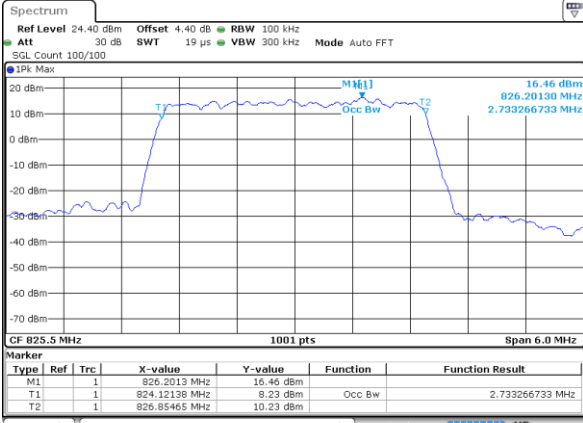


Date: 16 SEP 2018 13:44:14



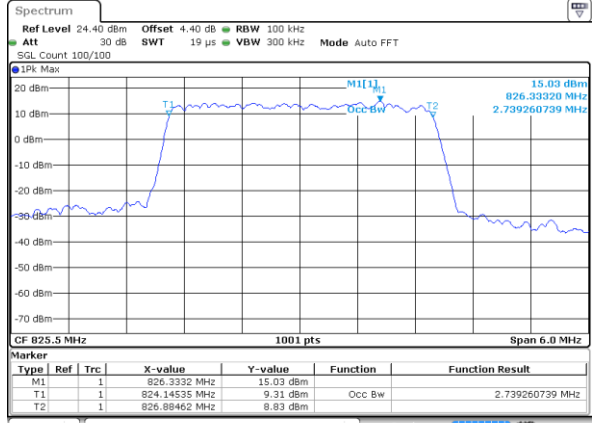
LTE Band 5

Lowest Channel / 3MHz / QPSK



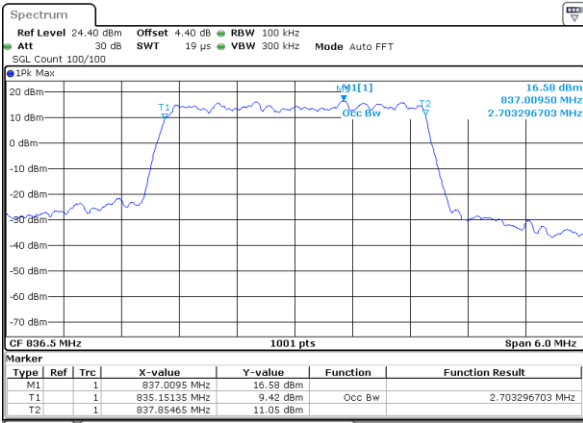
Date: 16 SEP 2018 13:53:09

Lowest Channel / 3MHz / 16QAM



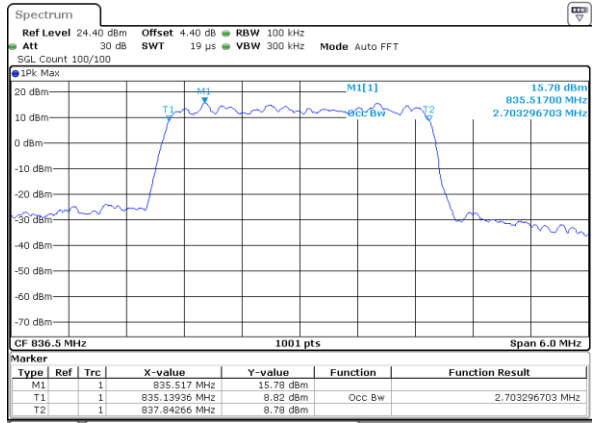
Date: 16 SEP 2018 13:53:19

Middle Channel / 3MHz / QPSK



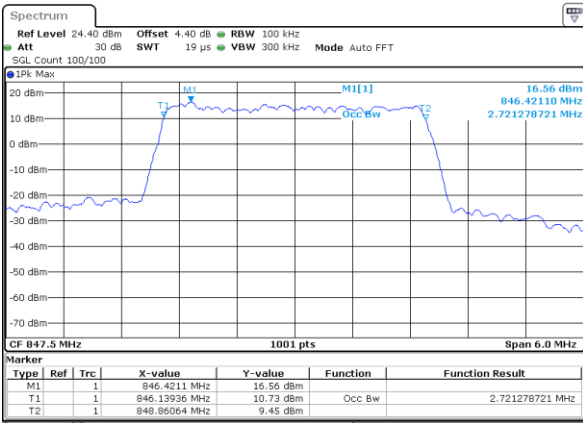
Date: 16 SEP 2018 14:02:13

Middle Channel / 3MHz / 16QAM



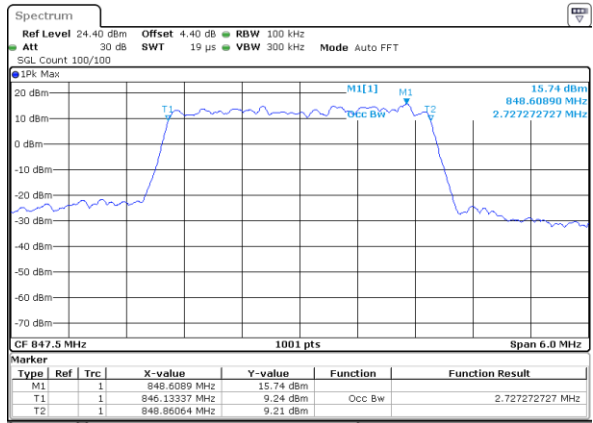
Date: 16 SEP 2018 14:02:24

Highest Channel / 3MHz / QPSK



Date: 16 SEP 2018 14:04:46

Highest Channel / 3MHz / 16QAM

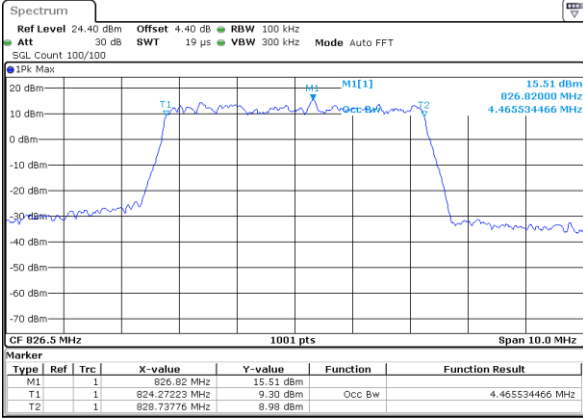


Date: 16 SEP 2018 14:04:56



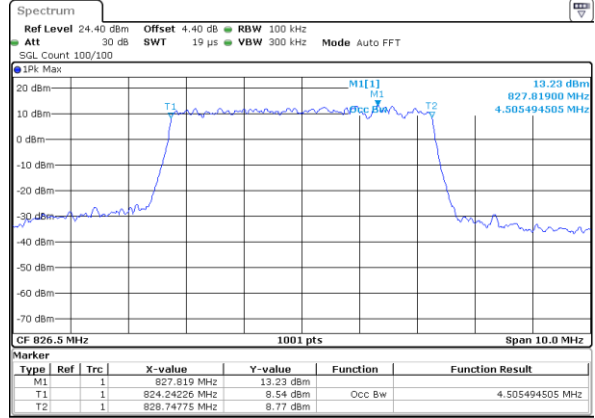
LTE Band 5

Lowest Channel / 5MHz / QPSK



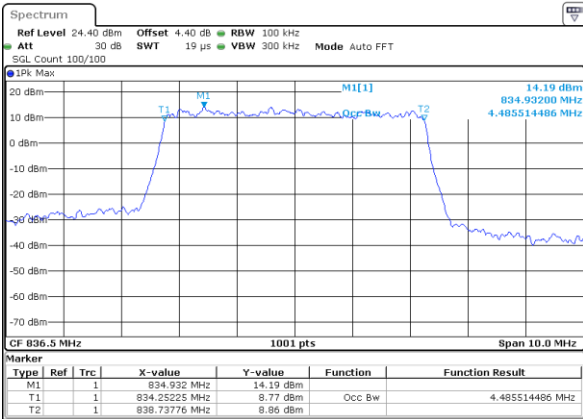
Date: 16 SEP 2018 14:13:51

Lowest Channel / 5MHz / 16QAM



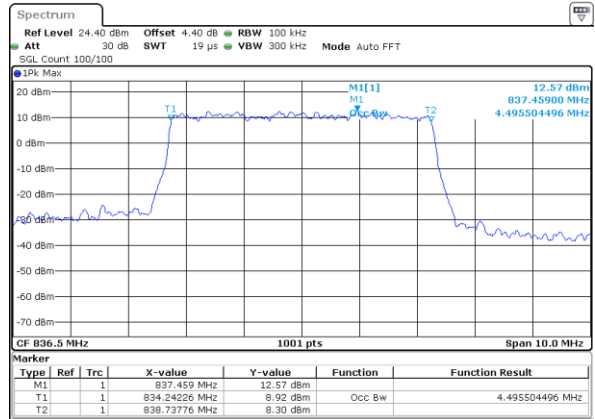
Date: 16 SEP 2018 14:14:02

Middle Channel / 5MHz / QPSK



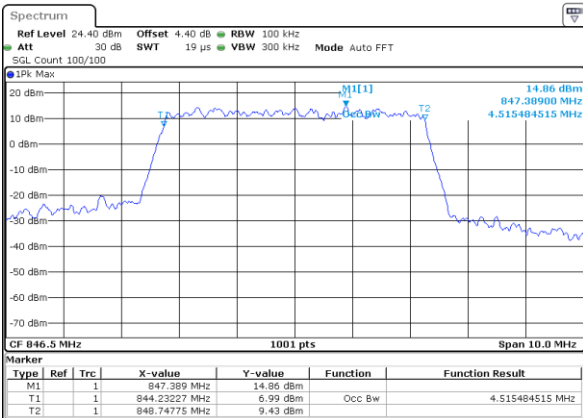
Date: 16 SEP 2018 14:22:56

Middle Channel / 5MHz / 16QAM



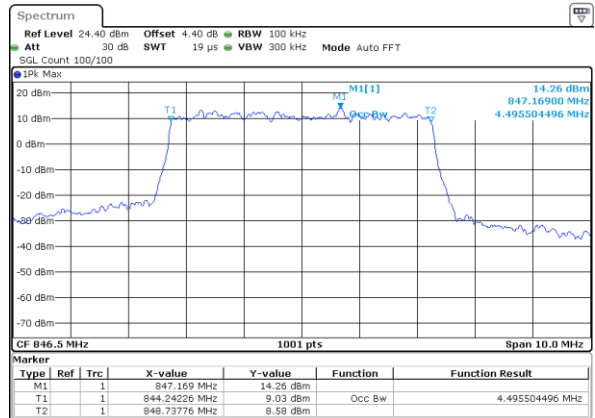
Date: 16 SEP 2018 14:23:07

Highest Channel / 5MHz / QPSK



Date: 16 SEP 2018 14:25:29

Highest Channel / 5MHz / 16QAM

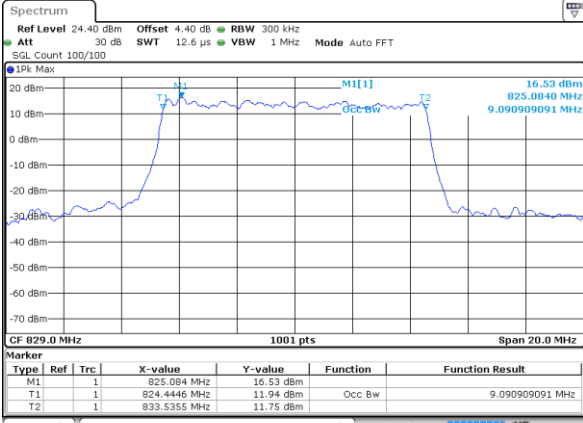


Date: 16 SEP 2018 14:25:40



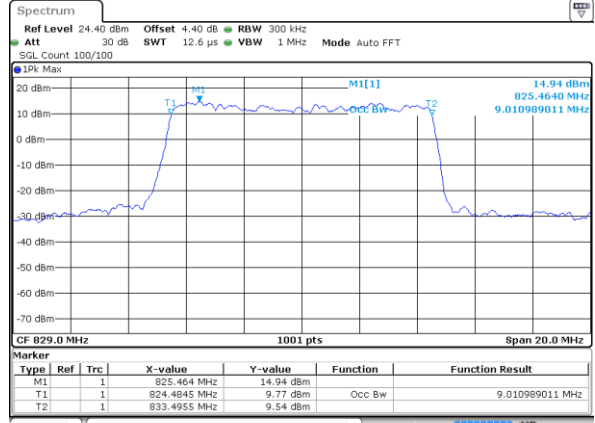
LTE Band 5

Lowest Channel / 10MHz / QPSK



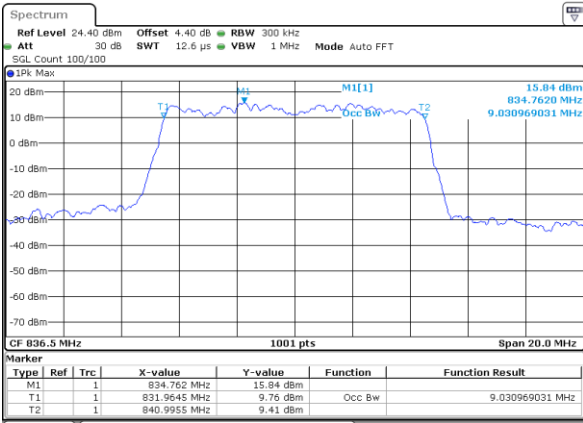
Date: 16 SEP 2018 14:34:34

Lowest Channel / 10MHz / 16QAM



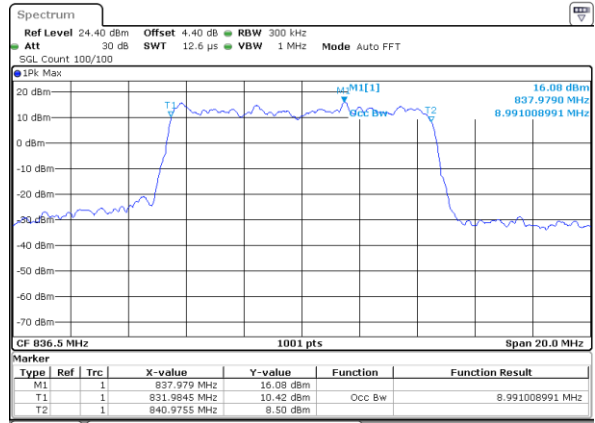
Date: 16 SEP 2018 14:34:44

Middle Channel / 10MHz / QPSK



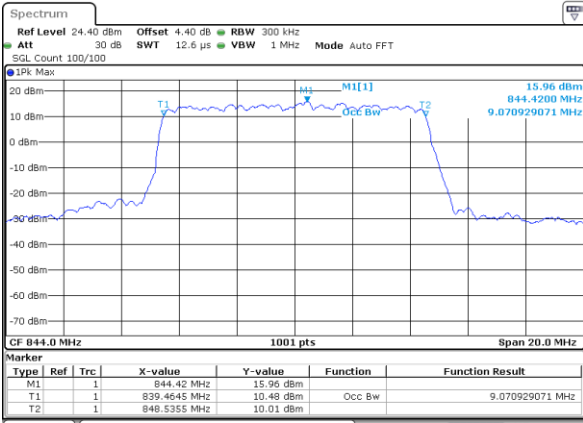
Date: 16 SEP 2018 14:43:38

Middle Channel / 10MHz / 16QAM



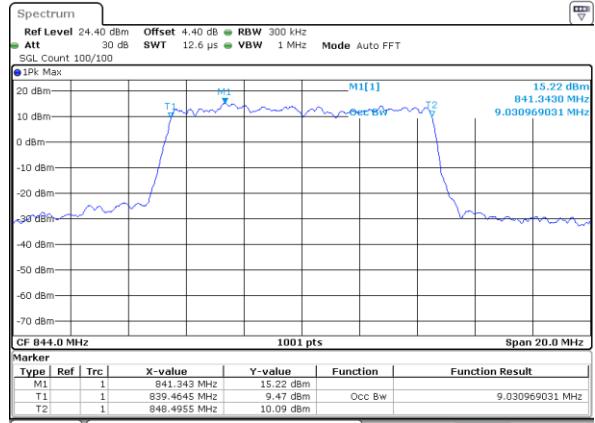
Date: 16 SEP 2018 14:43:49

Highest Channel / 10MHz / QPSK



Date: 16 SEP 2018 14:46:11

Highest Channel / 10MHz / 16QAM

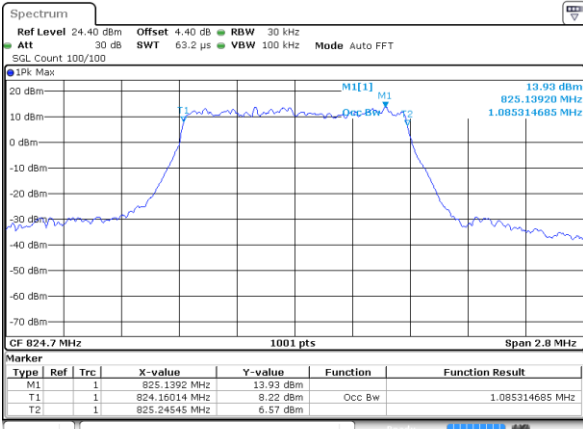


Date: 16 SEP 2018 14:46:22



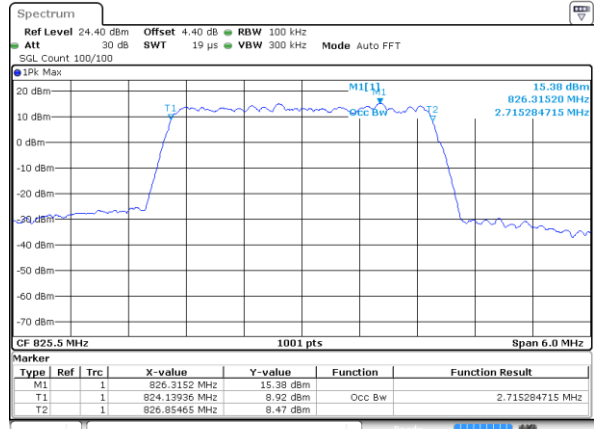
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



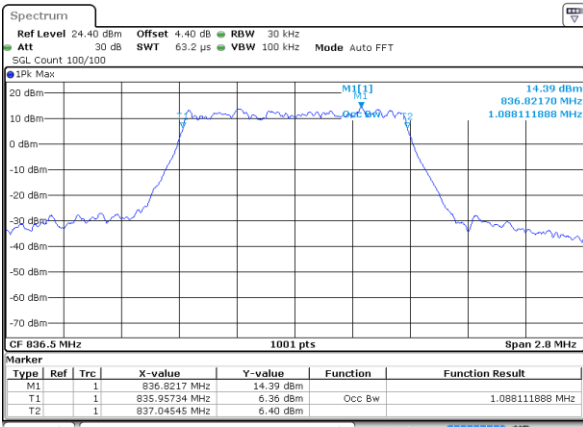
Date: 16 SEP 2018 15:05:24

Lowest Channel / 3MHz / 64QAM



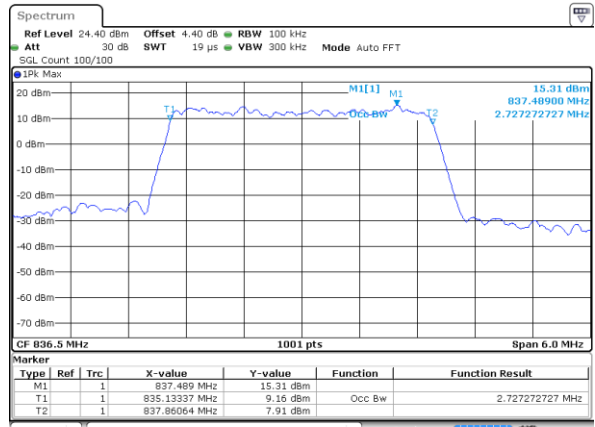
Date: 16 SEP 2018 15:15:46

Middle Channel / 1.4MHz / 64QAM



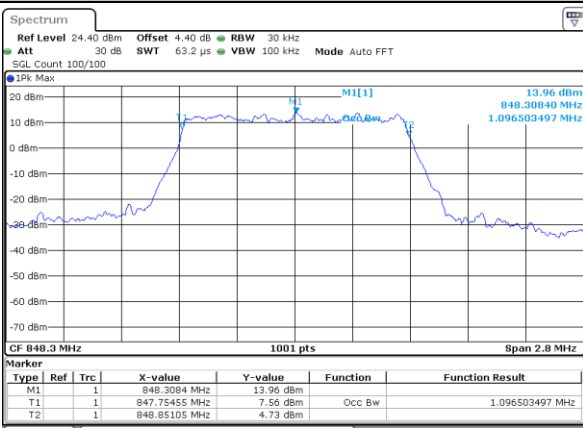
Date: 16 SEP 2018 15:09:56

Middle Channel / 3MHz / 64QAM



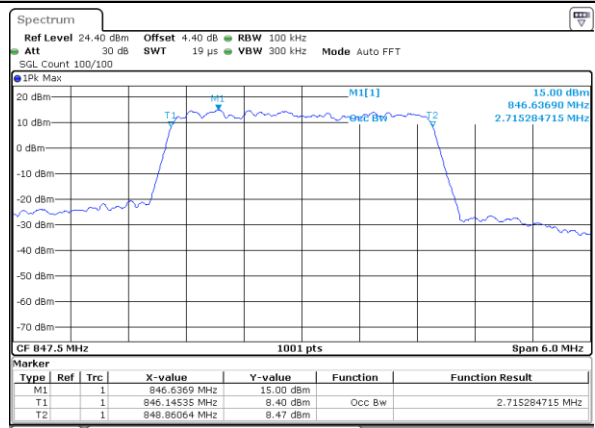
Date: 16 SEP 2018 15:20:18

Highest Channel / 1.4MHz / 64QAM



Date: 16 SEP 2018 15:11:13

Highest Channel / 3MHz / 64QAM

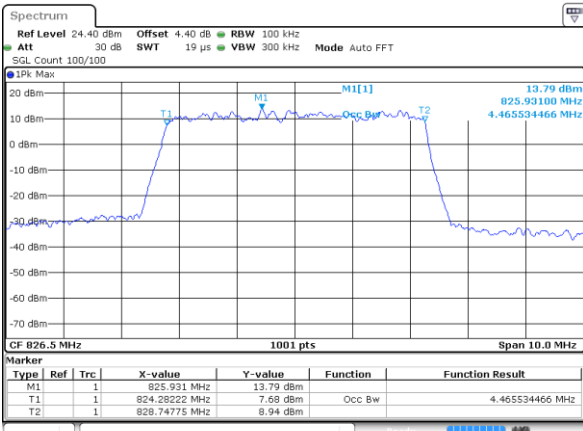


Date: 16 SEP 2018 15:21:35



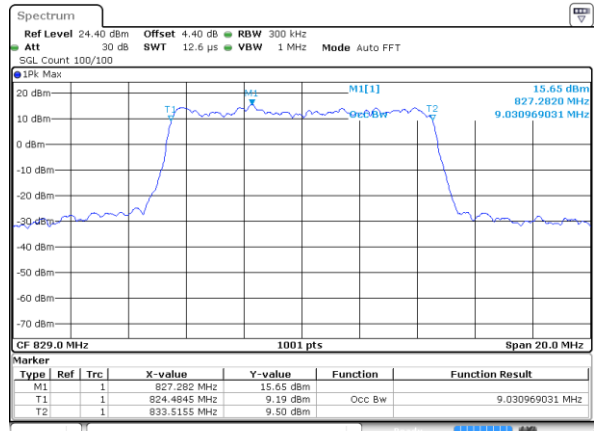
LTE Band 5

Lowest Channel / 5MHz / 64QAM



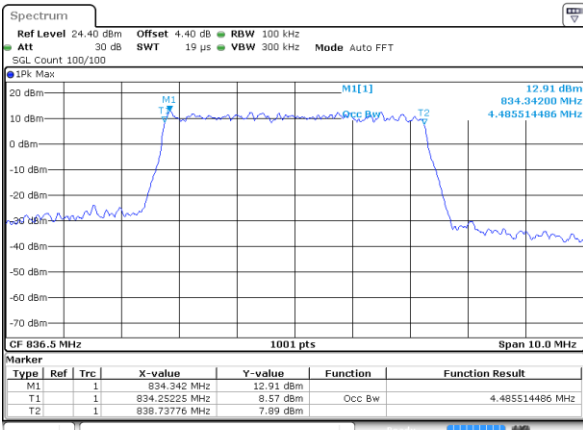
Date: 16 SEP 2018 15:26:07

Lowest Channel / 10MHz / 64QAM



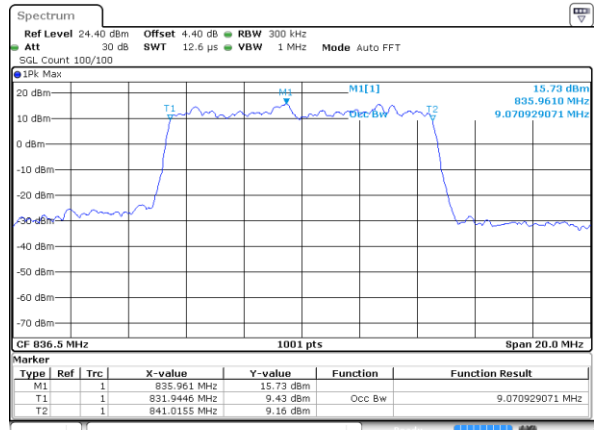
Date: 16 SEP 2018 15:48:38

Middle Channel / 5MHz / 64QAM



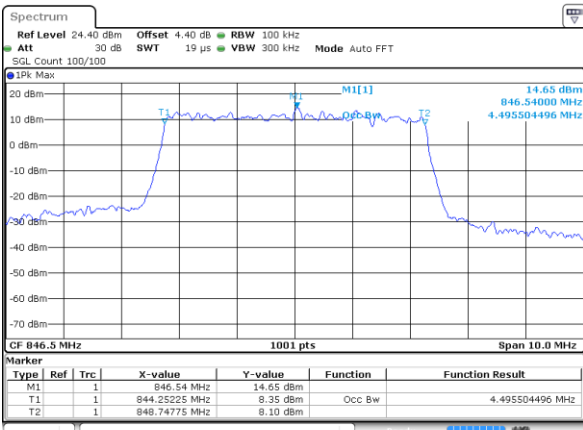
Date: 16 SEP 2018 15:30:40

Middle Channel / 10MHz / 64QAM



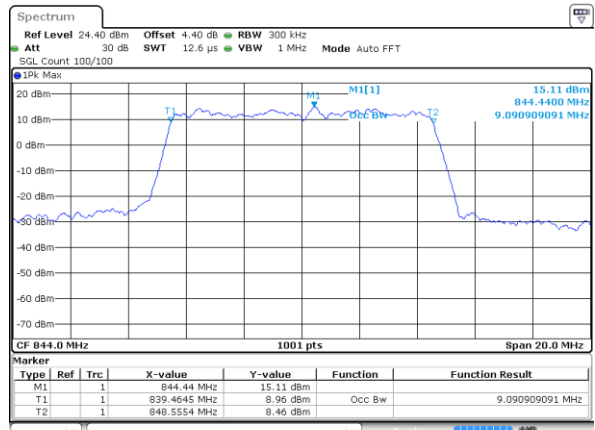
Date: 16 SEP 2018 15:53:11

Highest Channel / 5MHz / 64QAM



Date: 16 SEP 2018 15:31:56

Highest Channel / 10MHz / 64QAM

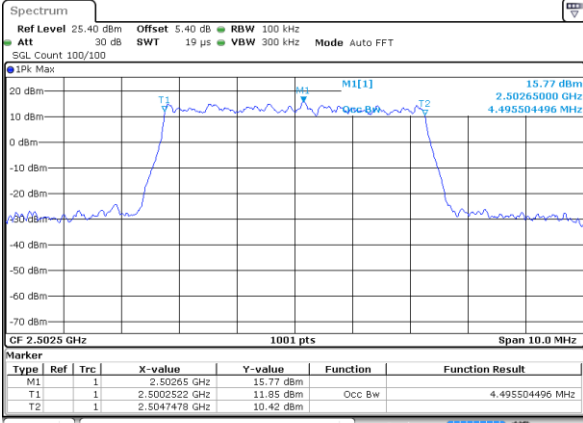


Date: 16 SEP 2018 15:54:27



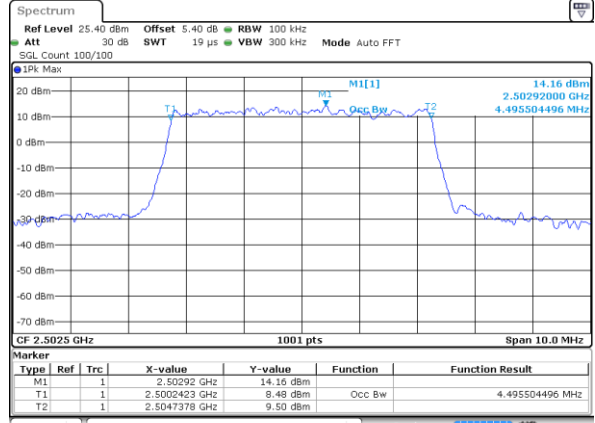
LTE Band 7

Lowest Channel / 5MHz / QPSK



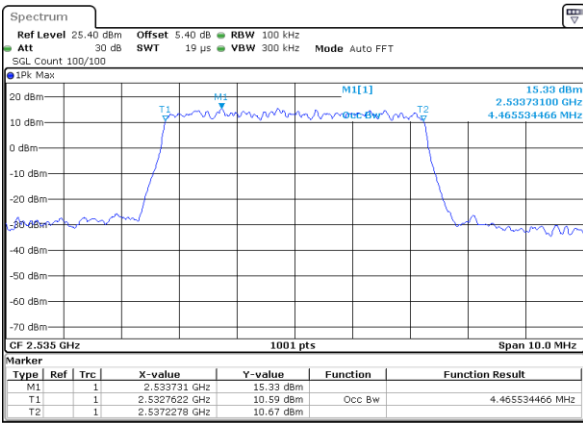
Date: 19 SEP 2018 09:13:13

Lowest Channel / 5MHz / 16QAM



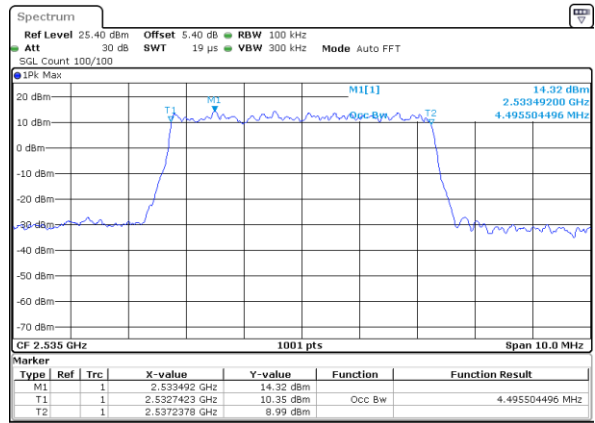
Date: 19 SEP 2018 09:13:34

Middle Channel / 5MHz / QPSK



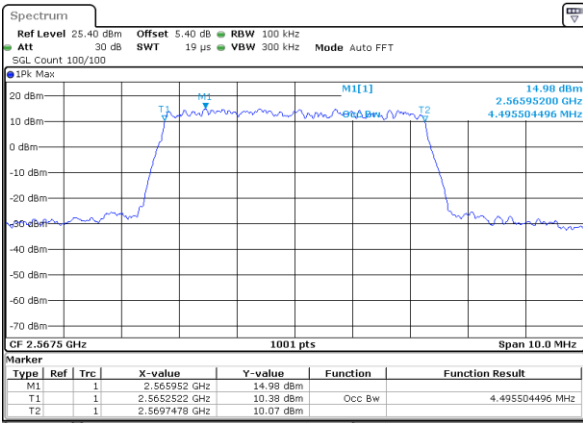
Date: 19 SEP 2018 09:17:50

Middle Channel / 5MHz / 16QAM



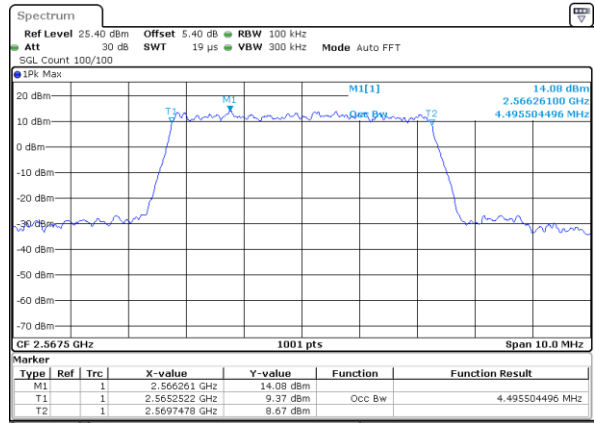
Date: 19 SEP 2018 09:17:30

Highest Channel / 5MHz / QPSK



Date: 19 SEP 2018 09:18:10

Highest Channel / 5MHz / 16QAM

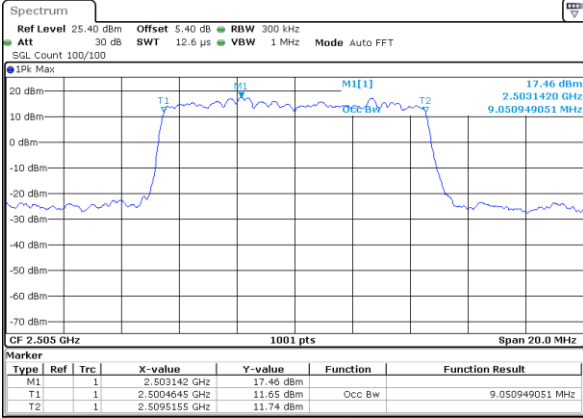


Date: 19 SEP 2018 09:18:30



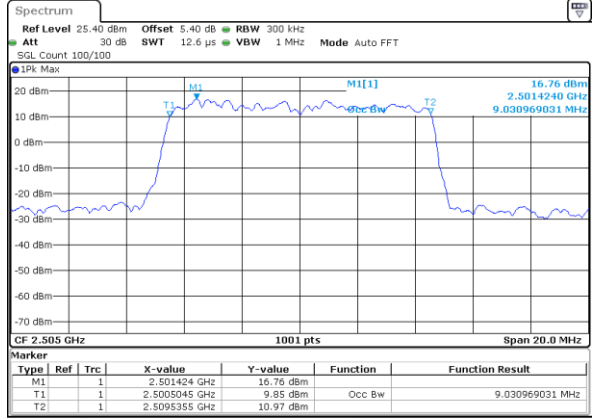
LTE Band 7

Lowest Channel / 10MHz / QPSK



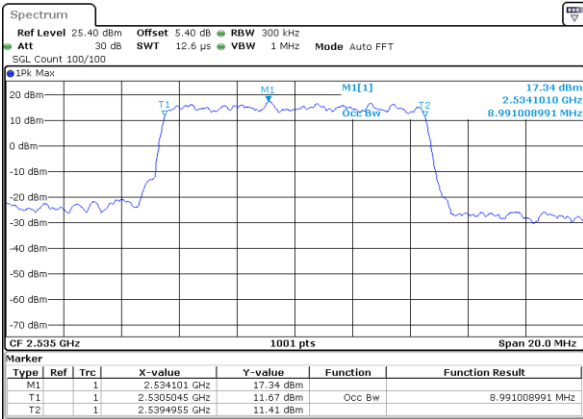
Date: 19 SEP 2018 09:20:38

Lowest Channel / 10MHz / 16QAM



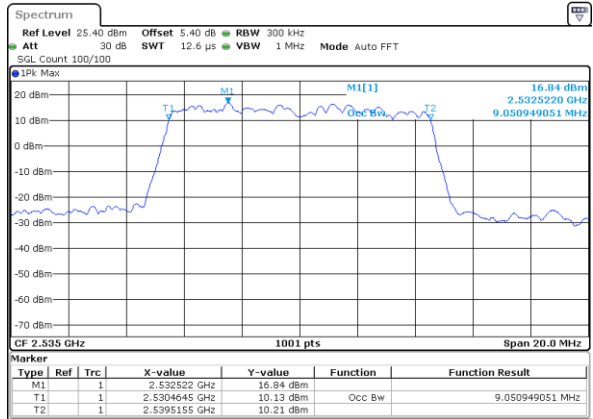
Date: 19 SEP 2018 09:20:58

Middle Channel / 10MHz / QPSK



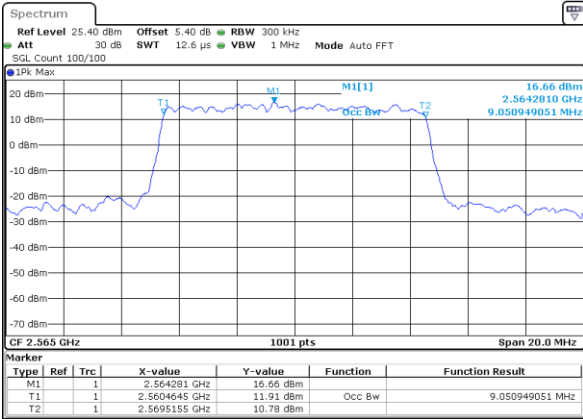
Date: 19 SEP 2018 09:25:14

Middle Channel / 10MHz / 16QAM



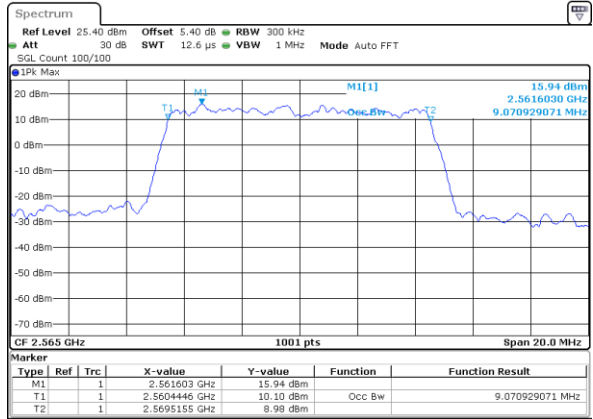
Date: 19 SEP 2018 09:24:54

Highest Channel / 10MHz / QPSK



Date: 19 SEP 2018 09:25:34

Highest Channel / 10MHz / 16QAM



Date: 19 SEP 2018 09:25:54