



LTE Band 71

Lowest Channel / 15MHz / 64QAM



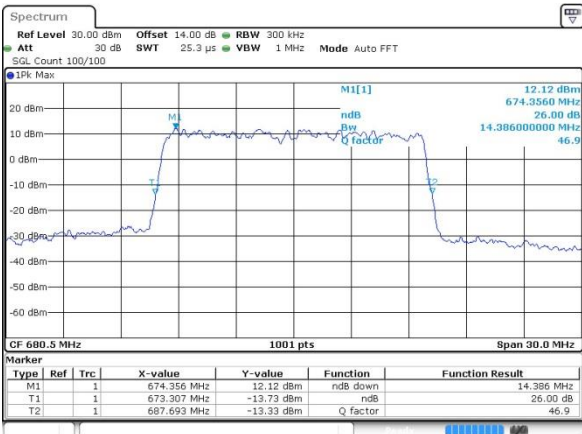
Date: 14 APR 2018 14:21:15

Lowest Channel / 20MHz / 64QAM



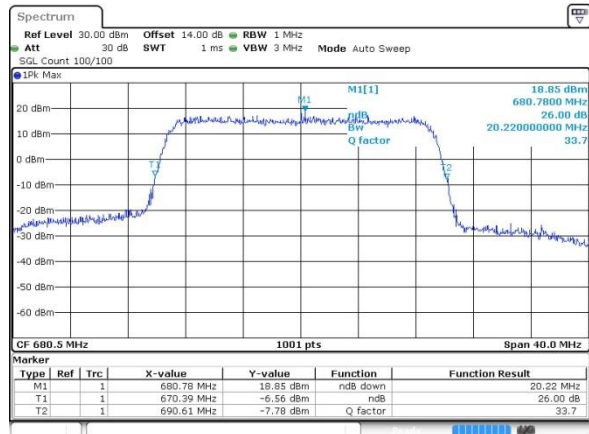
Date: 14 APR 2018 15:20:38

Middle Channel / 15MHz / 64QAM



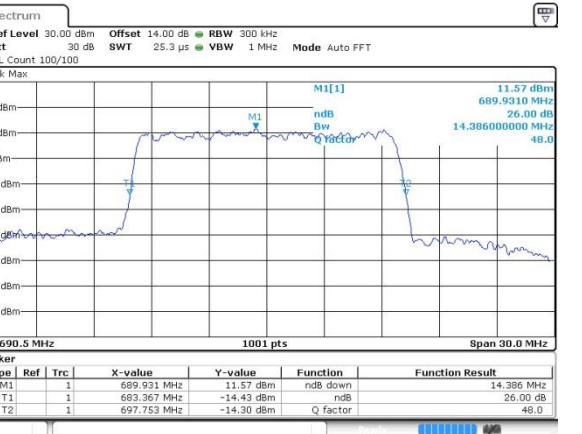
Date: 14 APR 2018 14:51:25

Middle Channel / 20MHz / 64QAM



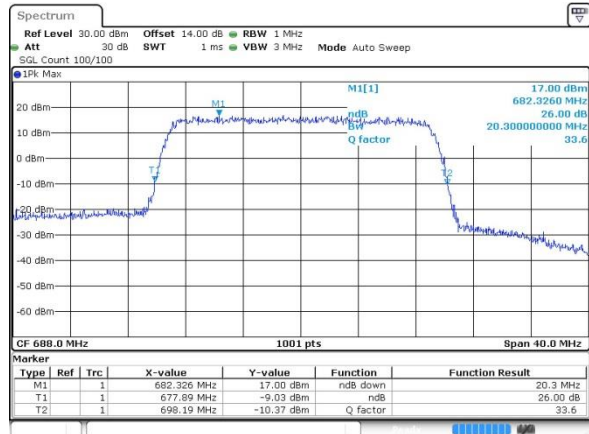
Date: 14 APR 2018 15:39:55

Highest Channel / 15MHz / 64QAM



Date: 14 APR 2018 14:53:27

Highest Channel / 20MHz / 64QAM



Date: 14 APR 2018 15:45:30



## 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	1.10	2.72	2.72	4.50	4.51	9.05	9.09	13.46	13.52	18.42	18.42
Middle CH	1.10	1.10	2.72	2.73	4.50	4.48	9.01	8.99	13.49	13.46	18.58	18.34
Highest CH	1.09	1.10	2.73	2.72	4.49	4.49	9.05	9.01	13.37	13.40	18.26	18.34
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.48	8.97	13.49	18.34						
Middle CH	1.09	2.70	4.49	9.01	13.49	18.34						
Highest CH	1.10	2.70	4.46	9.07	13.52	18.38						

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.73	2.71	4.49	4.51	9.03	9.01	13.43	13.49	18.42	18.58
Middle CH	1.10	1.09	2.71	2.72	4.49	4.49	8.97	8.99	13.43	13.46	18.42	18.38
Highest CH	1.09	1.10	2.73	2.71	4.47	4.49	9.05	9.07	13.46	13.52	18.30	18.50
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.72	4.51	8.99	13.46	18.38						
Middle CH	1.09	2.73	4.51	9.07	13.43	18.38						
Highest CH	1.09	2.72	4.50	8.97	13.46	18.22						

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	1.10	2.72	2.72	4.47	4.50	9.03	8.97	-	-	-	-
Middle CH	1.09	1.10	2.72	2.72	4.50	4.48	8.99	9.03	-	-	-	-
Highest CH	1.10	1.09	2.71	2.73	4.53	4.51	9.03	9.01	-	-	-	-
Mode	LTE Band 5 : 99%OBW (MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.50		9.01		-		-	
Middle CH	1.09		2.72		4.48		9.07		-		-	
Highest CH	1.09		2.71		4.47		9.07		-		-	



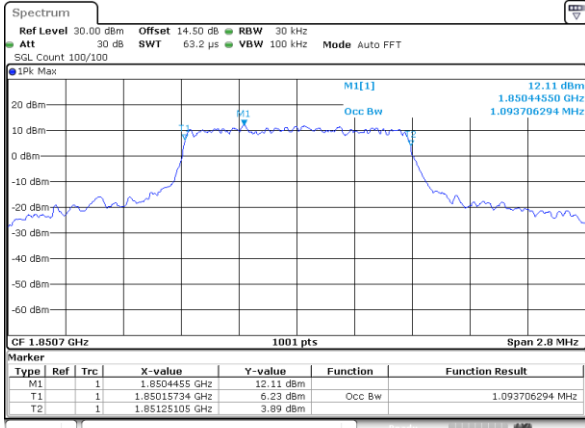
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.72	2.70	4.48	4.48	9.03	9.01	13.46	13.40	18.46	18.34
Middle CH	1.09	1.09	2.71	2.74	4.50	4.49	9.03	8.99	13.58	13.49	18.46	18.46
Highest CH	1.09	1.09	2.72	2.70	4.50	4.50	8.99	9.01	13.49	13.46	18.42	18.42
<b>BW</b>	<b>1.4MHz</b>	<b>3MHz</b>	<b>5MHz</b>	<b>10MHz</b>	<b>15MHz</b>	<b>20MHz</b>						
<b>Mod.</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>						
Lowest CH	1.09	2.73	4.49	9.03	13.46	18.38						
Middle CH	1.10	2.73	4.48	8.97	13.46	18.22						
Highest CH	1.10	2.75	4.48	8.99	13.40	18.30						

Mode	LTE Band 71 : 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	-	-	-	-	4.51	4.49	8.99	9.01	13.40	13.46	18.30	18.26
Middle CH	-	-	-	-	4.48	4.52	9.01	9.01	13.43	13.46	18.38	18.34
Highest CH	-	-	-	-	4.49	4.50	9.03	9.03	13.49	13.40	18.38	18.38
<b>BW</b>	<b>1.4MHz</b>	<b>3MHz</b>	<b>5MHz</b>	<b>10MHz</b>	<b>15MHz</b>	<b>20MHz</b>						
<b>Mod.</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>	<b>64QAM</b>						
Lowest CH	-	-	4.51	9.01	13.46	18.30						
Middle CH	-	-	4.48	9.03	13.49	18.38						
Highest CH	-	-	4.48	9.03	13.43	18.30						

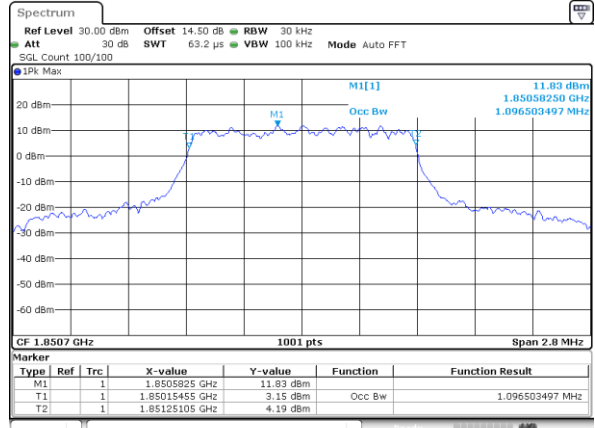


LTE Band 2

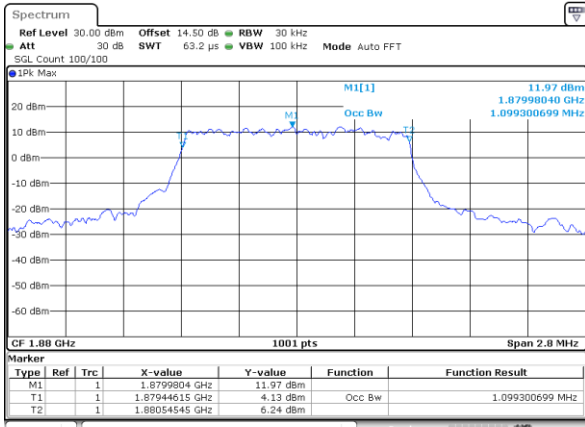
Lowest Channel / 1.4MHz / QPSK



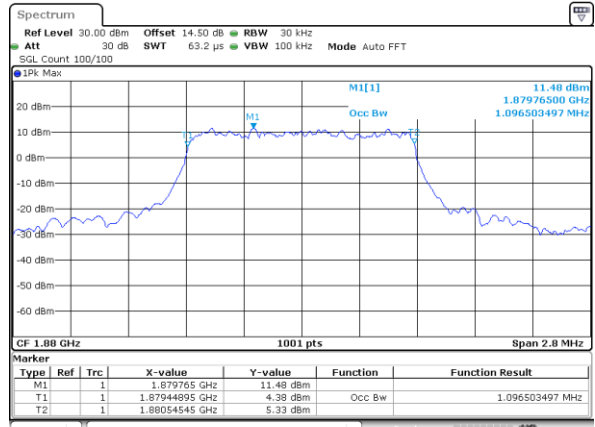
Lowest Channel / 1.4MHz / 16QAM



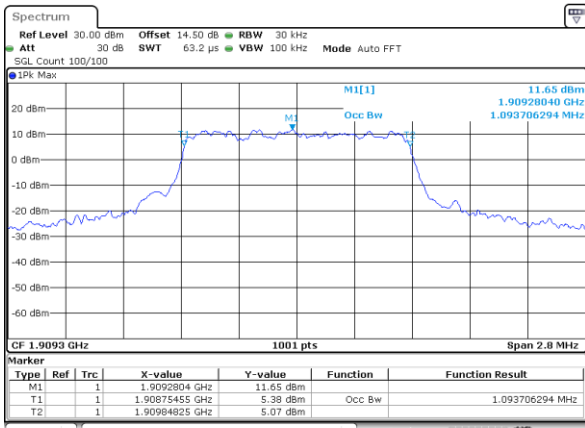
Middle Channel / 1.4MHz / QPSK



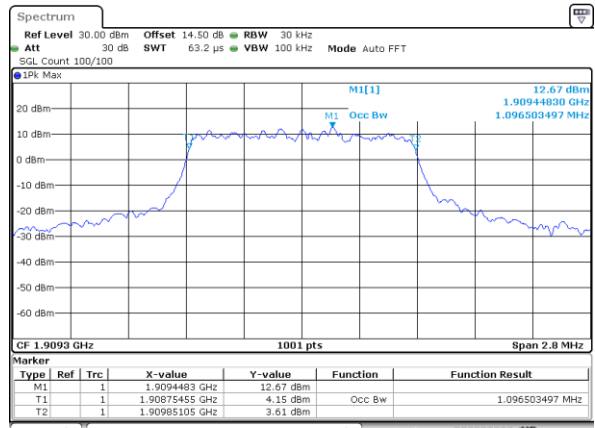
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



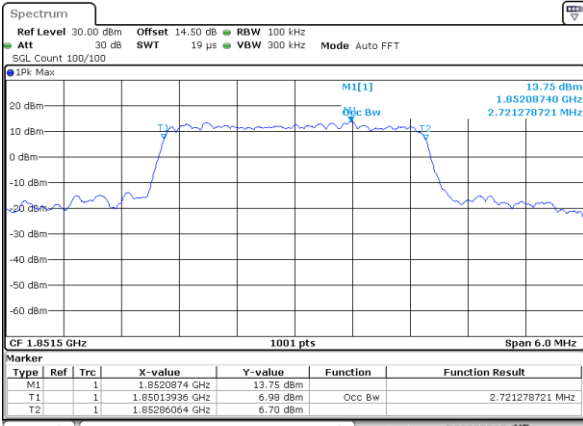
Highest Channel / 1.4MHz / 16QAM





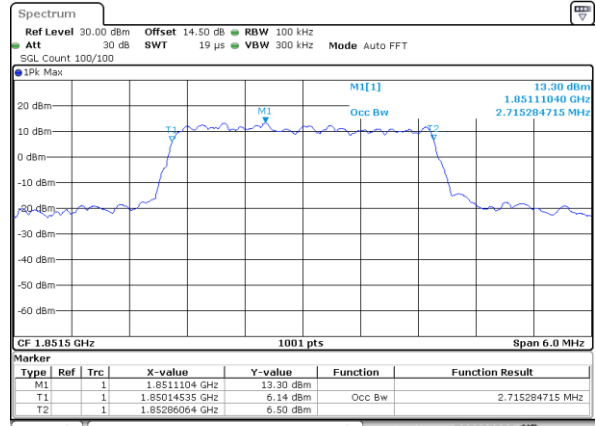
LTE Band 2

Lowest Channel / 3MHz / QPSK



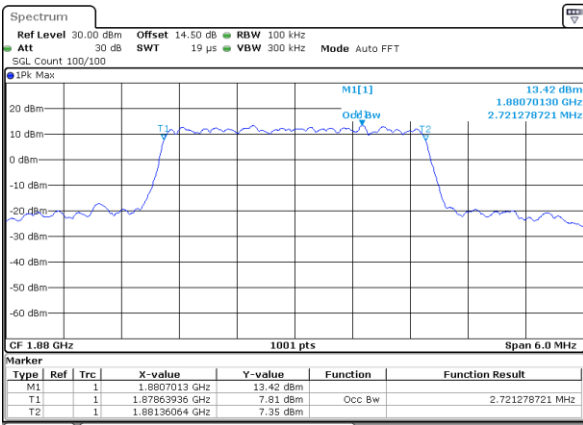
Date: 30\_MAR\_2018 03:35:27

Lowest Channel / 3MHz / 16QAM



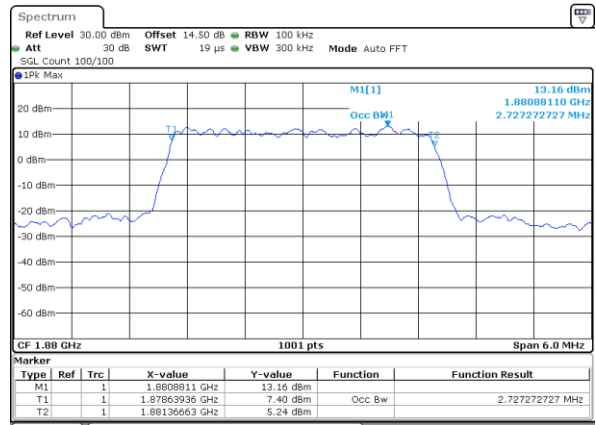
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Middle Channel / 3MHz / QPSK



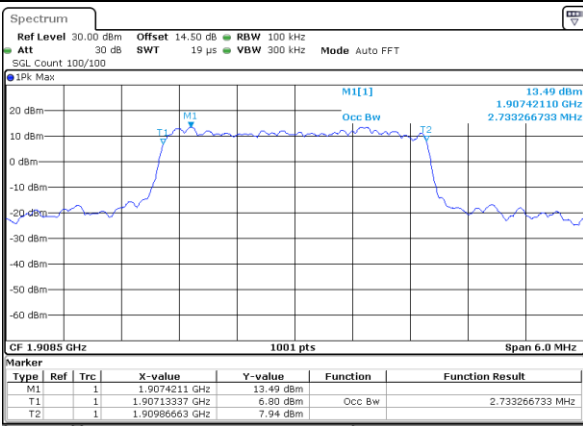
Date: 30\_MAR\_2018 03:42:40

Middle Channel / 3MHz / 16QAM



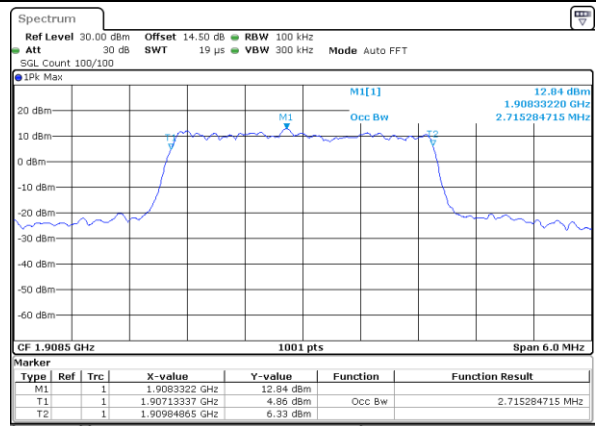
Date: 30\_MAR\_2018 03:42:50

Highest Channel / 3MHz / QPSK



Date: 30\_MAR\_2018 03:45:13

Highest Channel / 3MHz / 16QAM

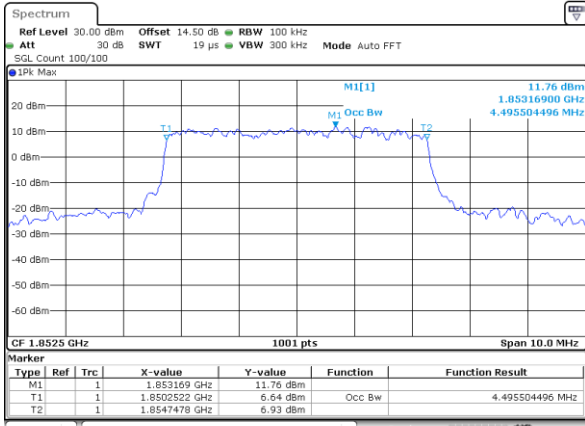


Date: 30\_MAR\_2018 03:45:23



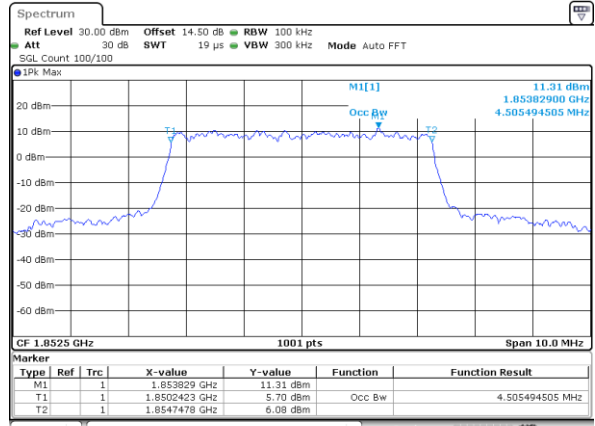
LTE Band 2

Lowest Channel / 5MHz / QPSK



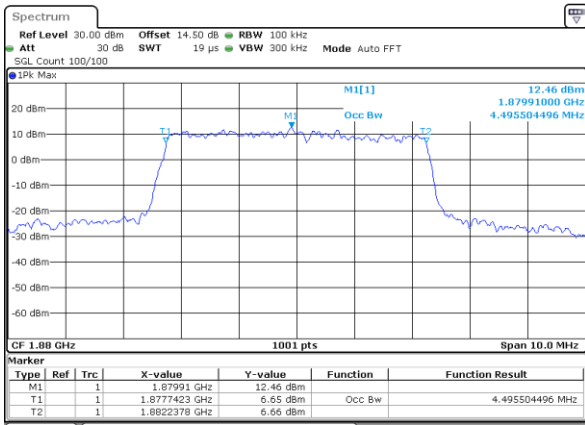
Date: 30\_MAR\_2018 03:52:26

Lowest Channel / 5MHz / 16QAM



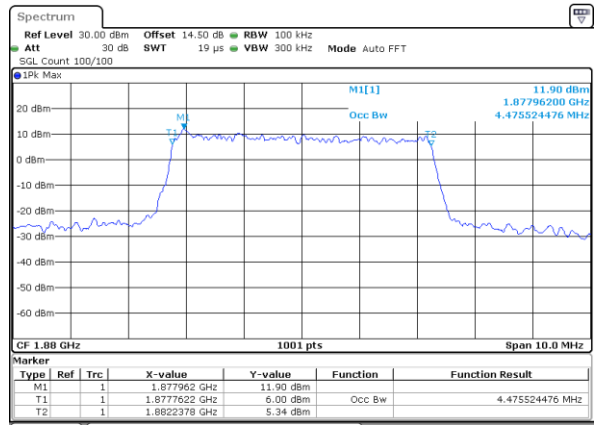
Date: 30\_MAR\_2018 03:52:37

Middle Channel / 5MHz / QPSK



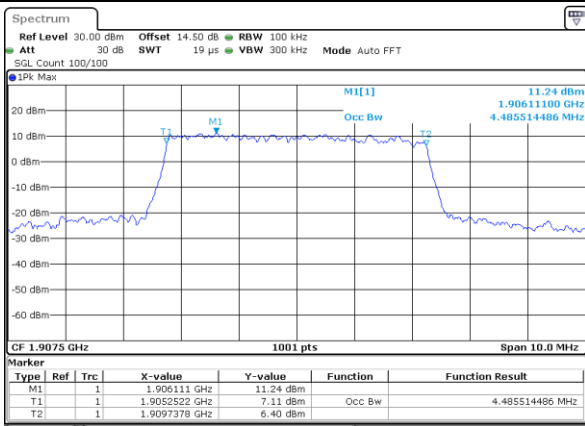
Date: 30\_MAR\_2018 03:59:39

Middle Channel / 5MHz / 16QAM



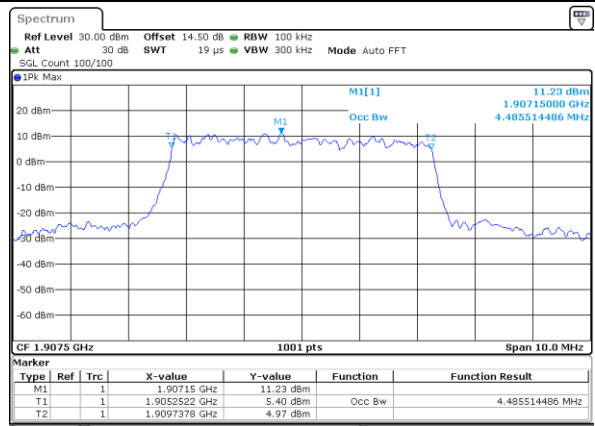
Date: 30\_MAR\_2018 03:59:50

Highest Channel / 5MHz / QPSK



Date: 30\_MAR\_2018 04:02:13

Highest Channel / 5MHz / 16QAM

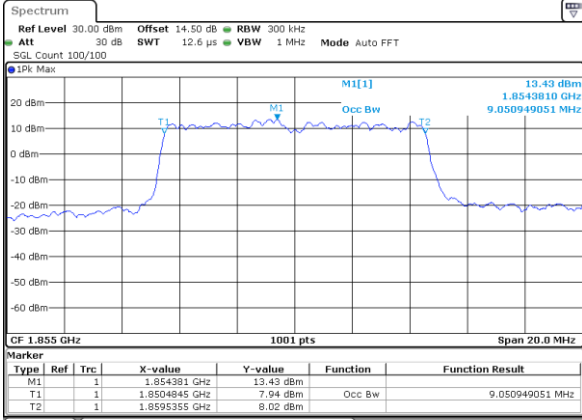


Date: 30\_MAR\_2018 04:02:23



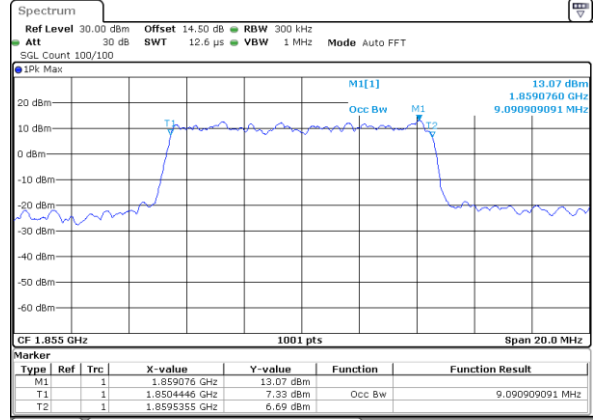
LTE Band 2

Lowest Channel / 10MHz / QPSK



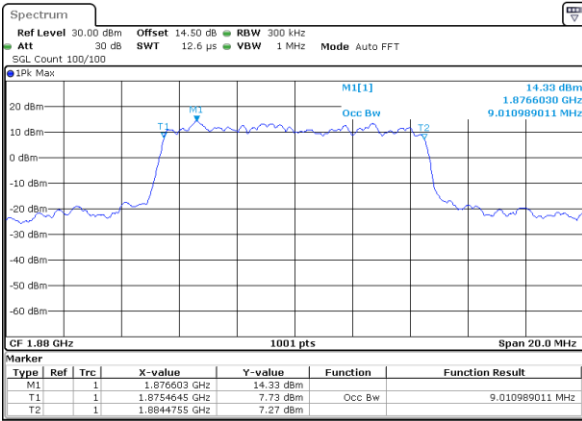
Date: 30\_MAR\_2018 04:09:26

Lowest Channel / 10MHz / 16QAM



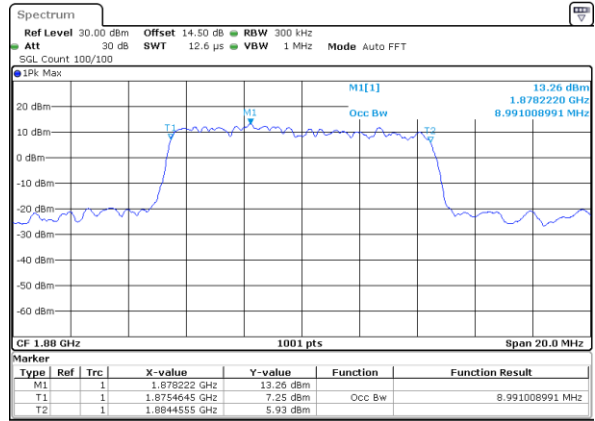
Date: 30\_MAR\_2018 04:09:37

Middle Channel / 10MHz / QPSK



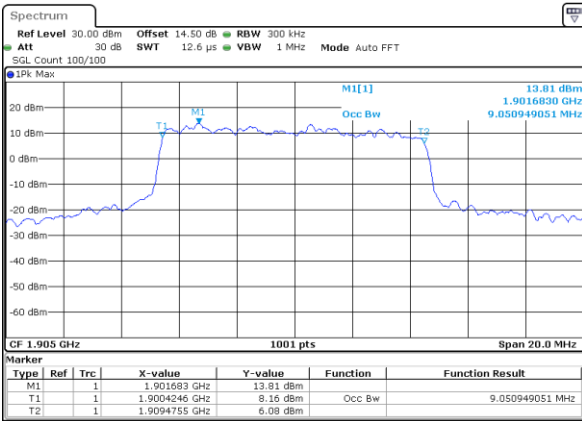
Date: 30\_MAR\_2018 04:16:42

Middle Channel / 10MHz / 16QAM



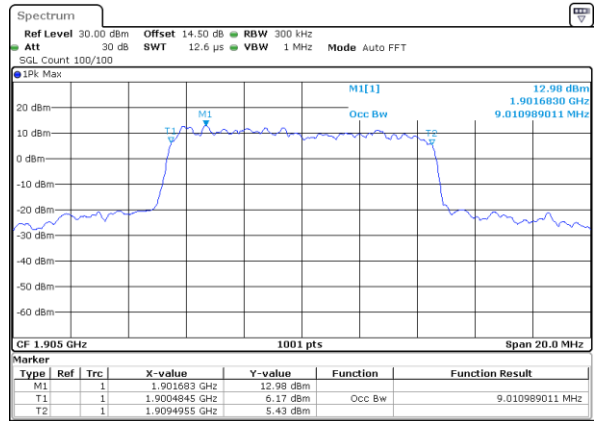
Date: 30\_MAR\_2018 04:16:53

Highest Channel / 10MHz / QPSK



Date: 30\_MAR\_2018 04:19:18

Highest Channel / 10MHz / 16QAM

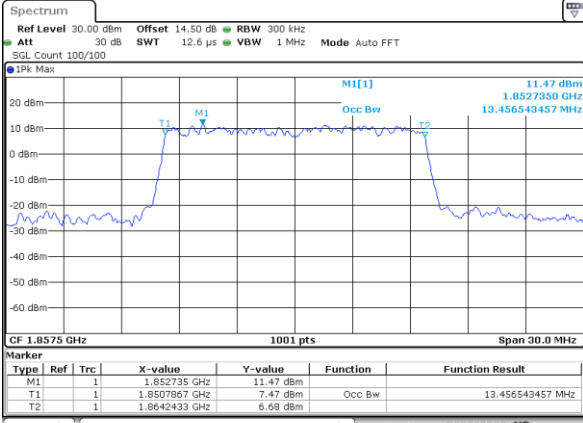


Date: 30\_MAR\_2018 04:19:28



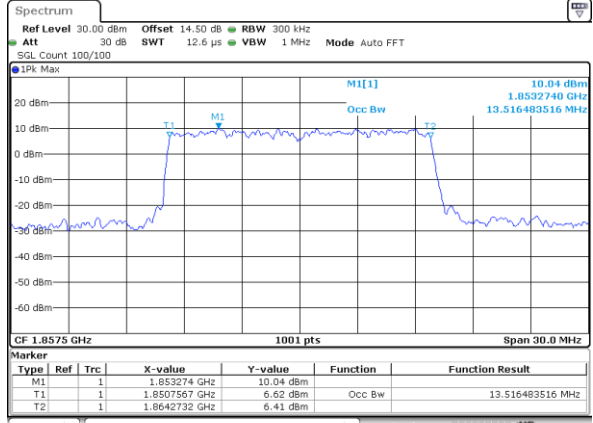
LTE Band 2

Lowest Channel / 15MHz / QPSK



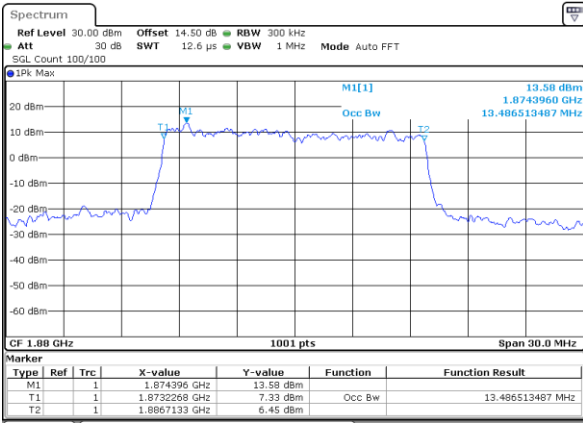
Date: 30\_MAR\_2018 04:26:58

Lowest Channel / 15MHz / 16QAM



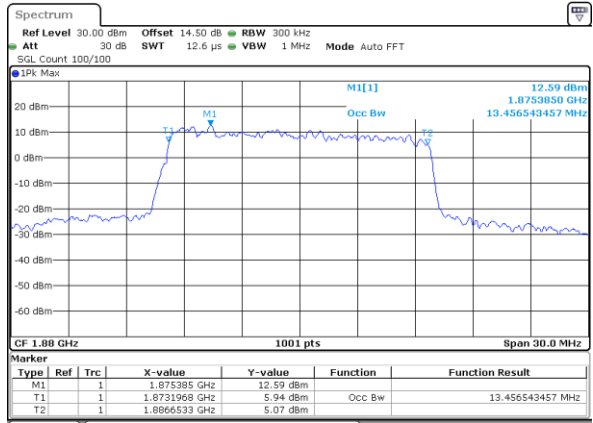
Date: 30\_MAR\_2018 04:27:08

Middle Channel / 15MHz / QPSK



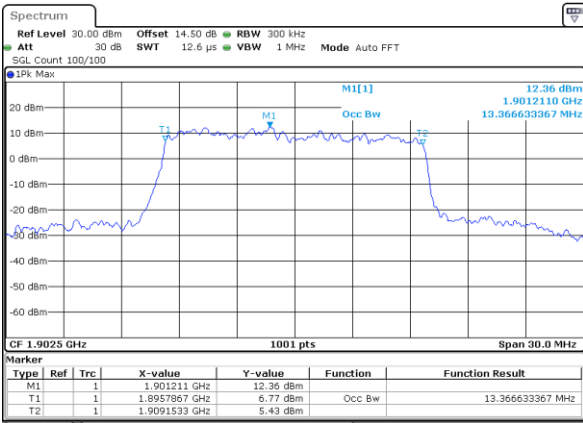
Date: 30\_MAR\_2018 04:34:11

Middle Channel / 15MHz / 16QAM



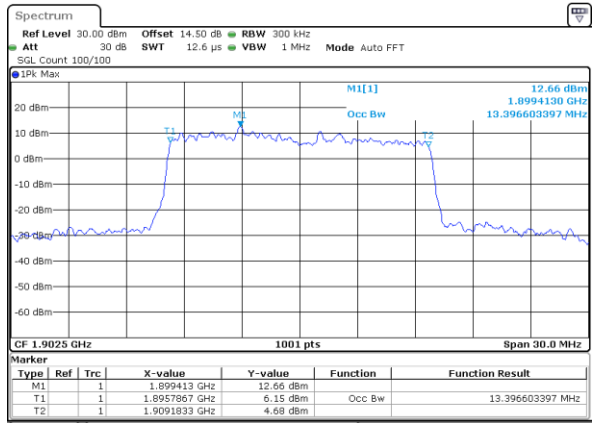
Date: 30\_MAR\_2018 04:34:21

Highest Channel / 15MHz / QPSK



Date: 30\_MAR\_2018 04:36:45

Highest Channel / 15MHz / 16QAM



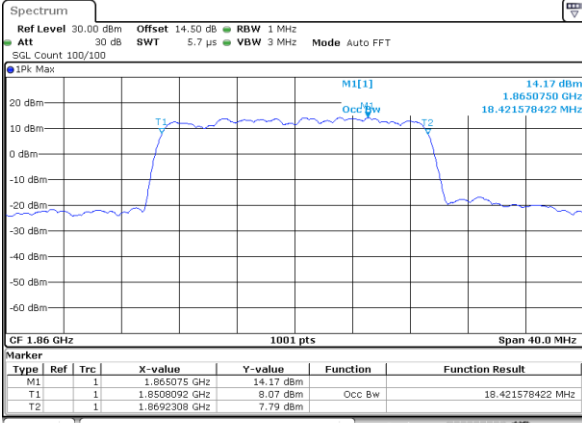
Date: 30\_MAR\_2018 04:36:55





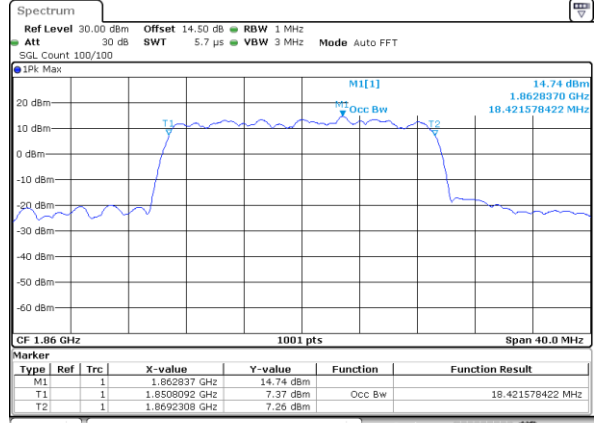
LTE Band 2

Lowest Channel / 20MHz / QPSK



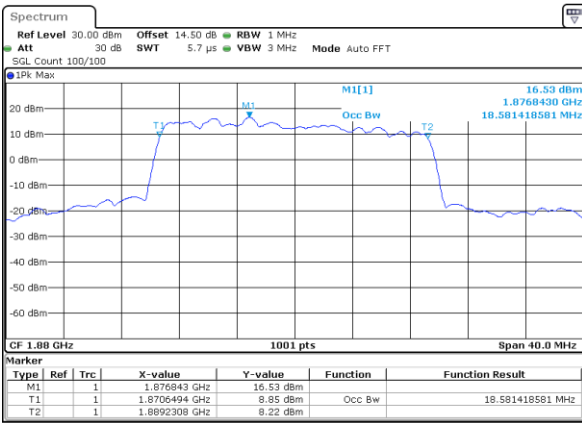
Date: 30\_MAR\_2018 04:49:39

Lowest Channel / 20MHz / 16QAM



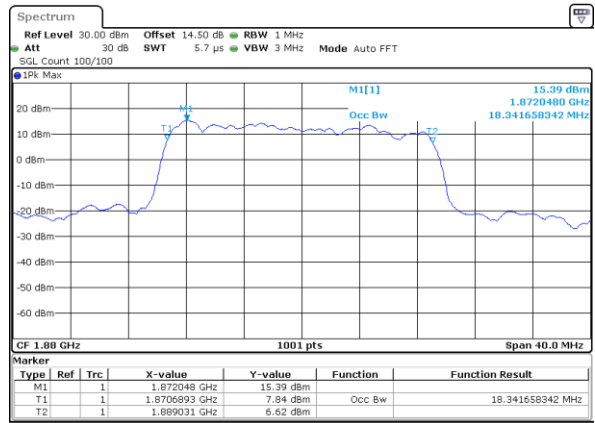
Date: 30\_MAR\_2018 04:49:49

Middle Channel / 20MHz / QPSK



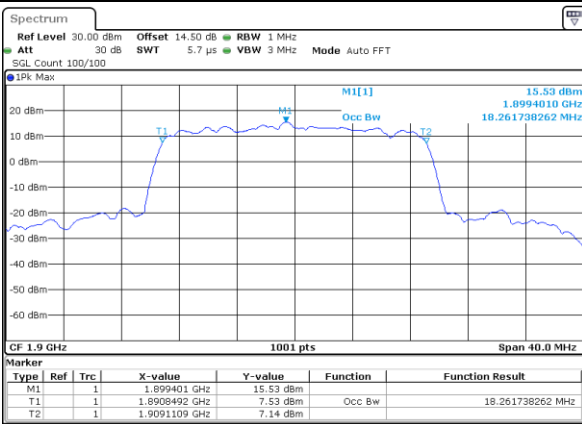
Date: 30\_MAR\_2018 04:56:52

Middle Channel / 20MHz / 16QAM



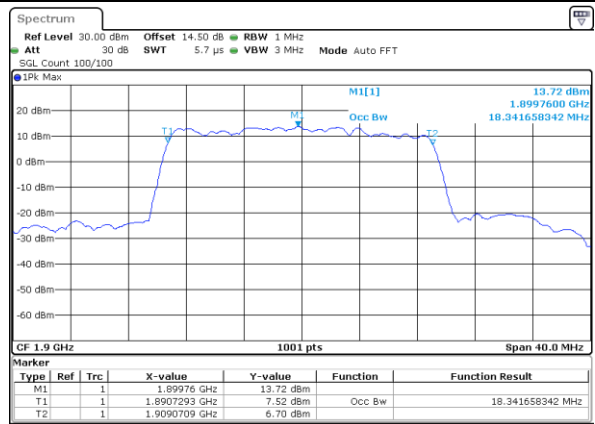
Date: 30\_MAR\_2018 04:57:02

Highest Channel / 20MHz / QPSK



Date: 30\_MAR\_2018 04:59:27

Highest Channel / 20MHz / 16QAM

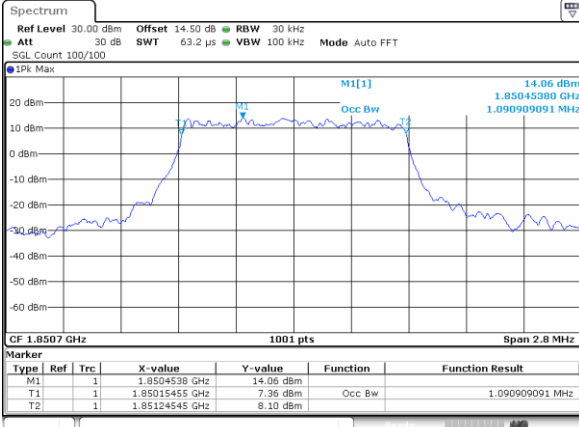


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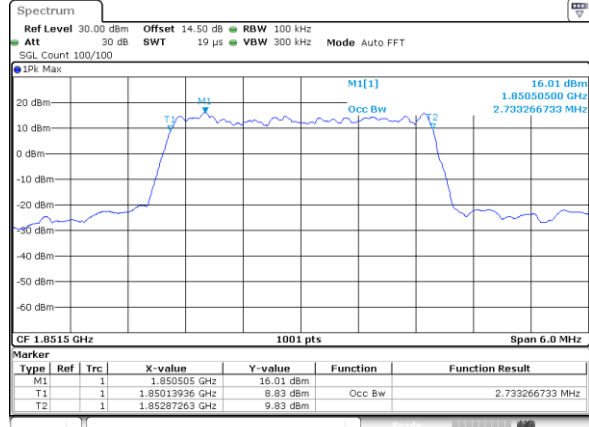
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



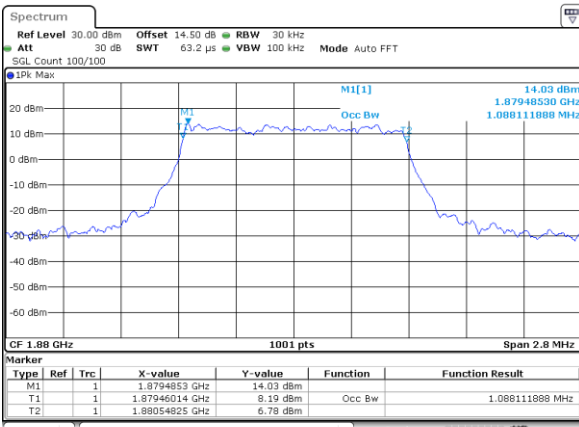
Date: 31.MAR.2018 02:25:07

Lowest Channel / 3MHz / 64QAM



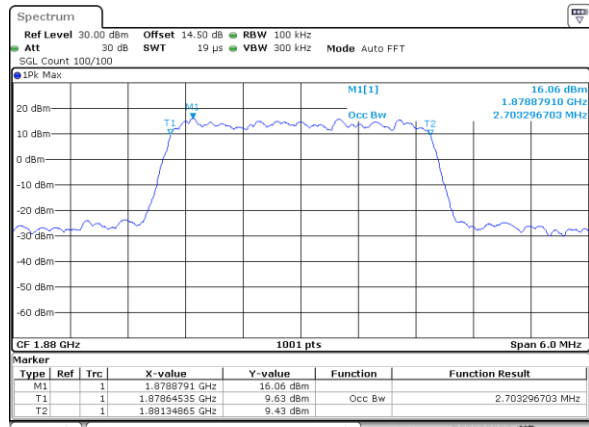
Date: 31.MAR.2018 02:33:37

Middle Channel / 1.4MHz / 64QAM



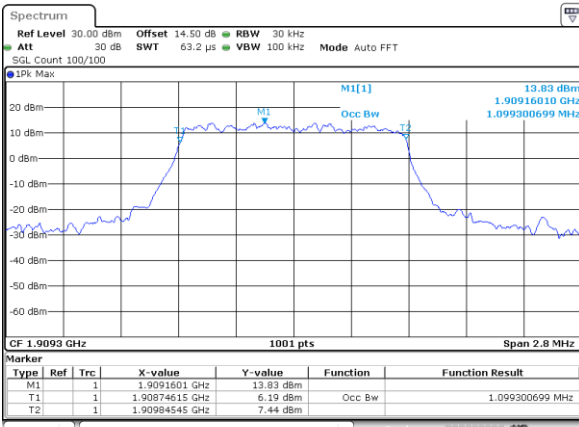
Date: 31.MAR.2018 02:28:45

Middle Channel / 3MHz / 64QAM



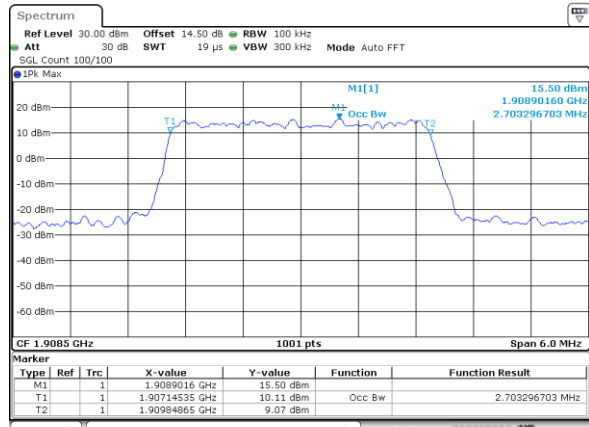
Date: 31.MAR.2018 02:27:13

Highest Channel / 1.4MHz / 64QAM



Date: 31.MAR.2018 02:30:02

Highest Channel / 3MHz / 64QAM

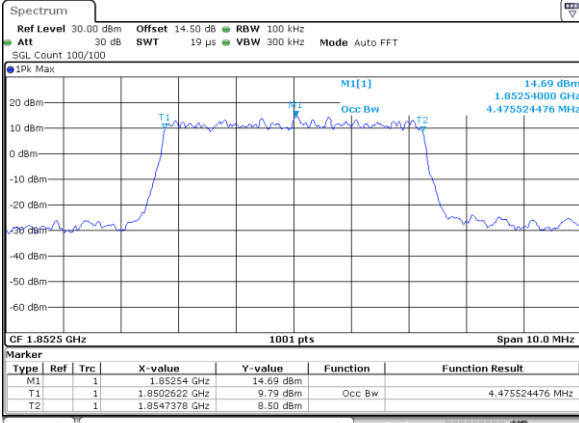


Date: 31.MAR.2018 02:38:29



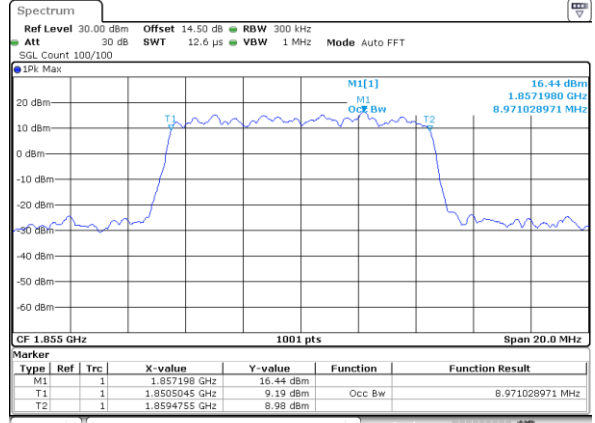
LTE Band 2

Lowest Channel / 5MHz / 64QAM



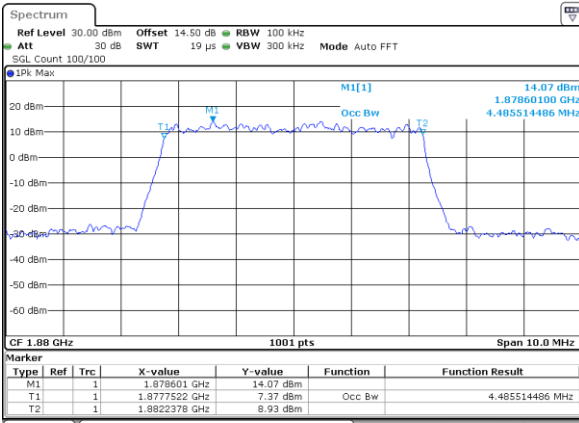
Date: 31.MAR.2018 02:42:04

Lowest Channel / 10MHz / 64QAM



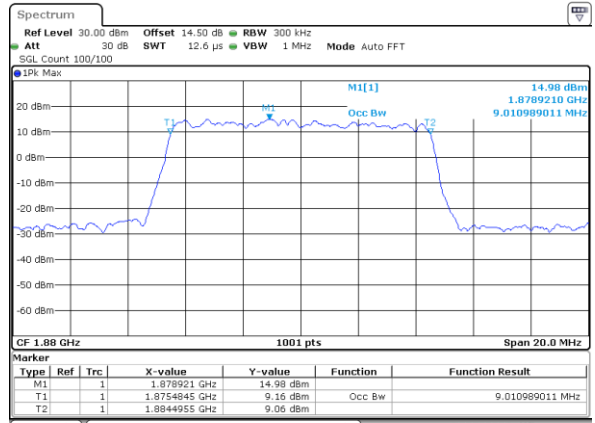
Date: 31.MAR.2018 02:50:30

Middle Channel / 5MHz / 64QAM



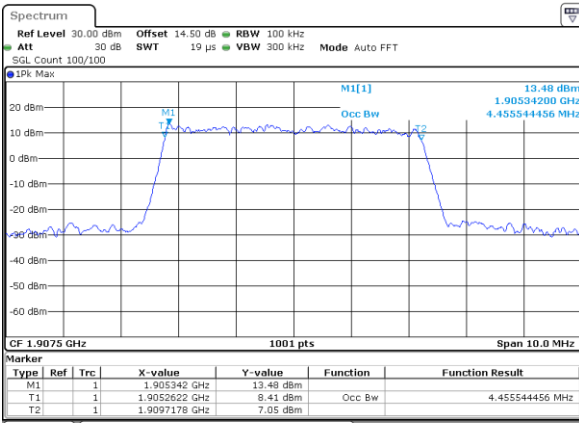
Date: 31.MAR.2018 02:45:39

Middle Channel / 10MHz / 64QAM



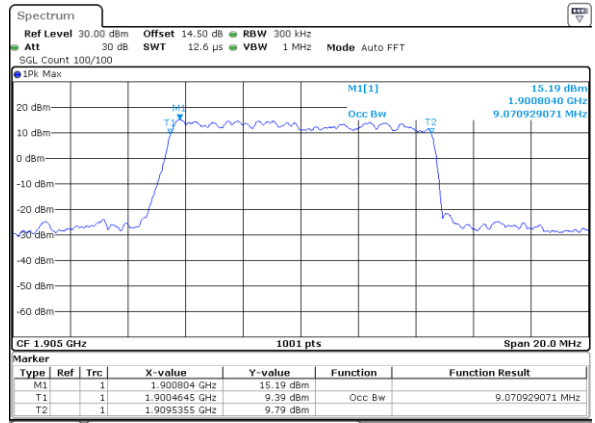
Date: 31.MAR.2018 02:54:05

Highest Channel / 5MHz / 64QAM



Date: 31.MAR.2018 02:46:56

Highest Channel / 10MHz / 64QAM

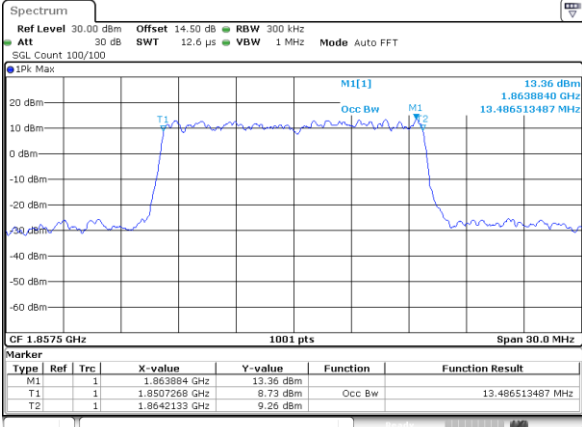


Date: 31.MAR.2018 02:55:22



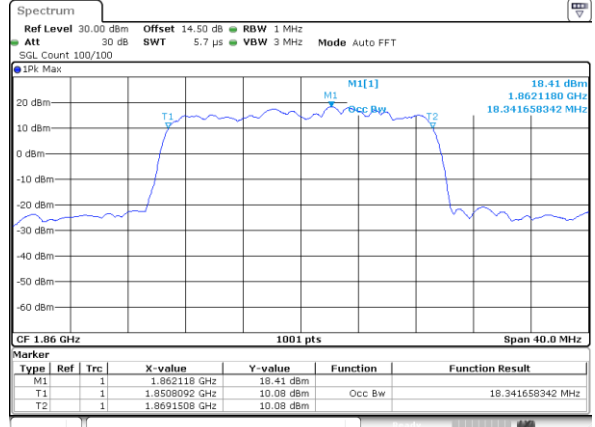
LTE Band 2

Lowest Channel / 15MHz / 64QAM



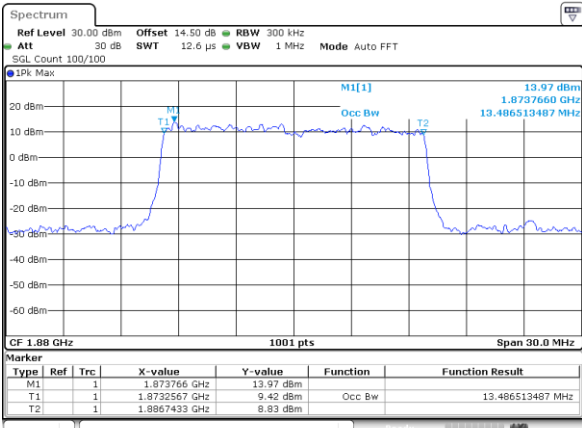
Date: 31.MAR.2018 02:58:57

Lowest Channel / 20MHz / 64QAM



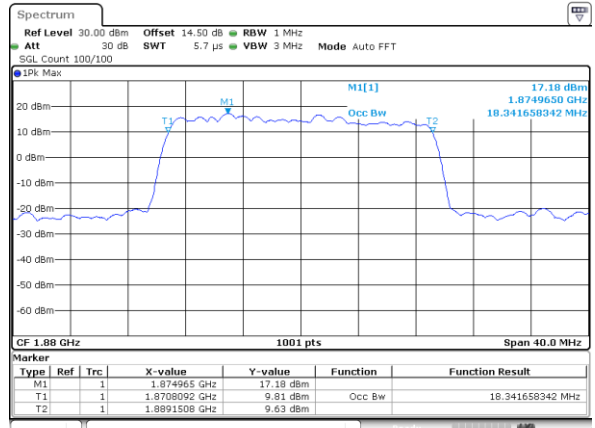
Date: 31.MAR.2018 03:07:23

Middle Channel / 15MHz / 64QAM



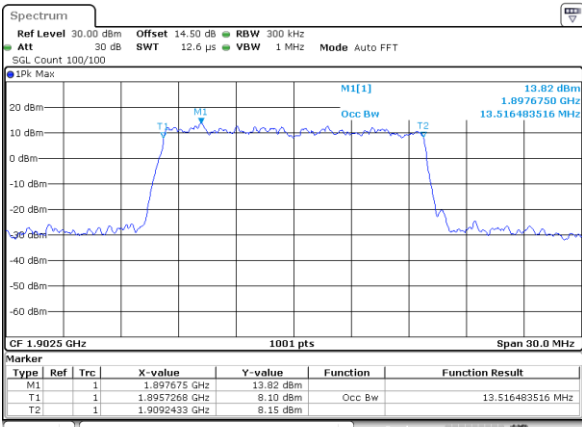
Date: 31.MAR.2018 03:02:33

Middle Channel / 20MHz / 64QAM



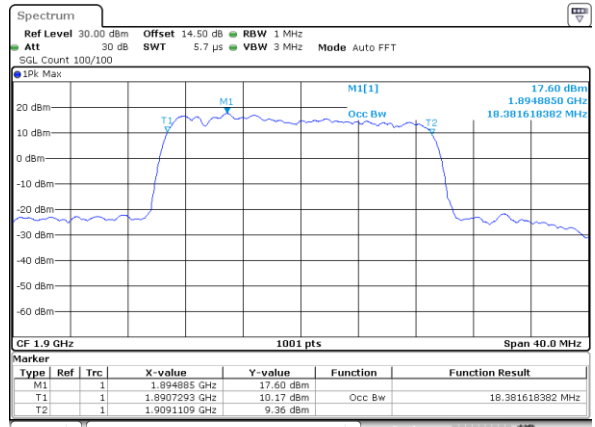
Date: 31.MAR.2018 03:10:58

Highest Channel / 15MHz / 64QAM



Date: 31.MAR.2018 03:03:48

Highest Channel / 20MHz / 64QAM

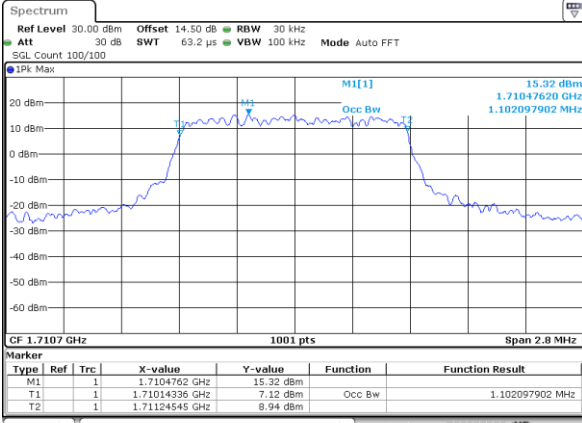


Date: 31.MAR.2018 03:12:14



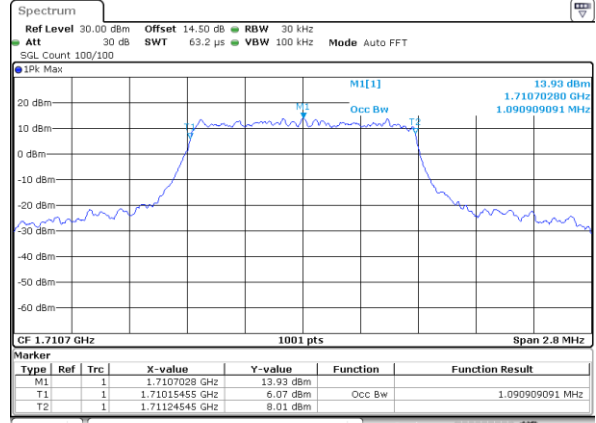
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



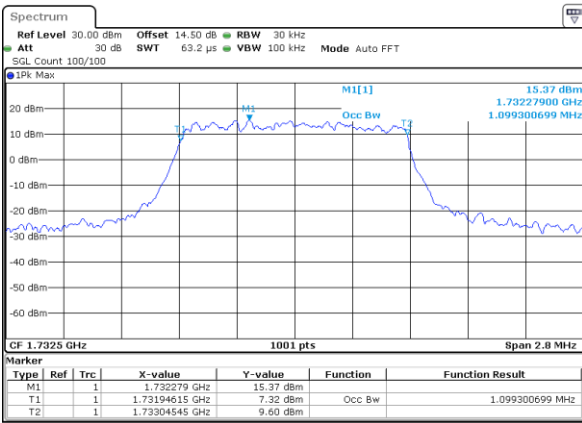
Date: 31.MAR.2018 03:56:32

Lowest Channel / 1.4MHz / 16QAM



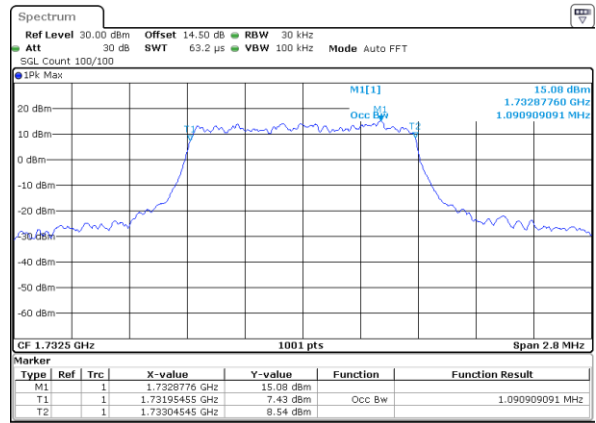
Date: 31.MAR.2018 03:56:42

Middle Channel / 1.4MHz / QPSK



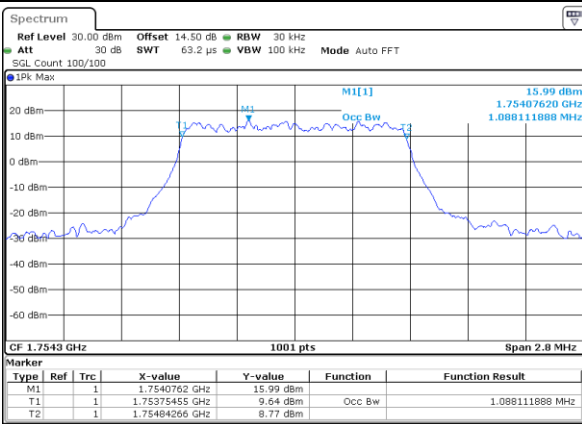
Date: 31.MAR.2018 04:03:43

Middle Channel / 1.4MHz / 16QAM



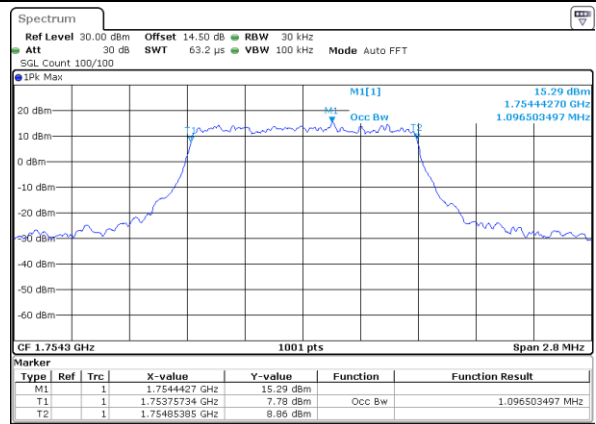
Date: 31.MAR.2018 04:03:53

Highest Channel / 1.4MHz / QPSK



Date: 31.MAR.2018 04:06:15

Highest Channel / 1.4MHz / 16QAM

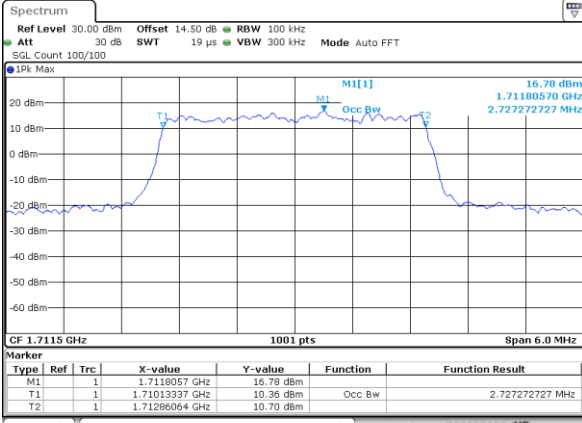


Date: 31.MAR.2018 04:06:26



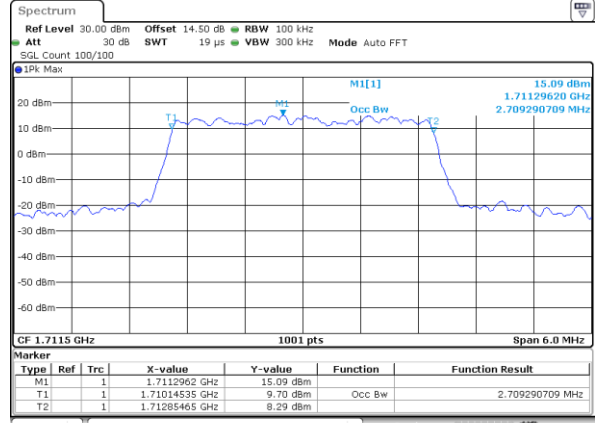
LTE Band 4

Lowest Channel / 3MHz / QPSK



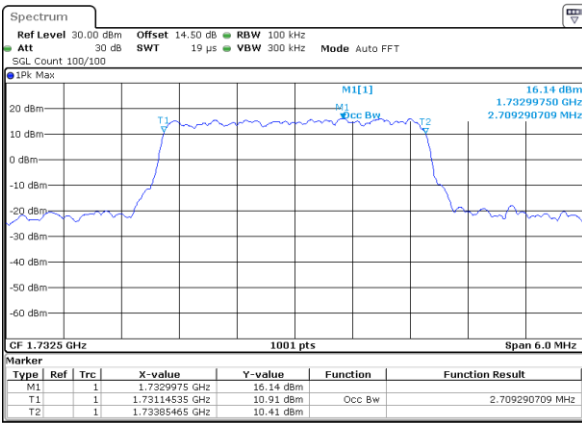
Date: 31.MAR.2018 04:13:25

Lowest Channel / 3MHz / 16QAM



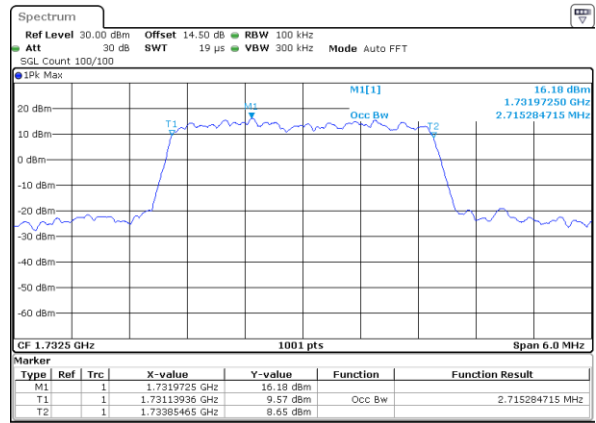
Date: 31.MAR.2018 04:13:36

Middle Channel / 3MHz / QPSK



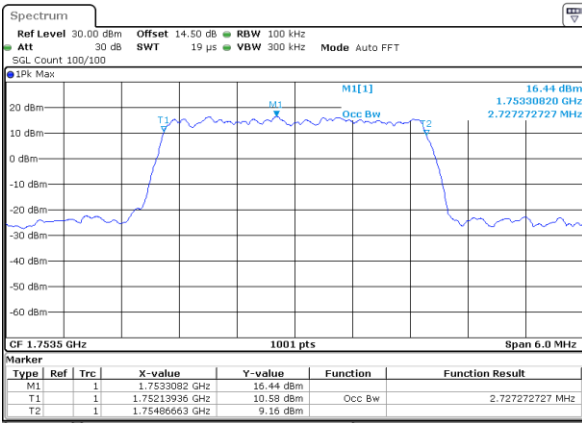
Date: 31.MAR.2018 04:20:05

Middle Channel / 3MHz / 16QAM



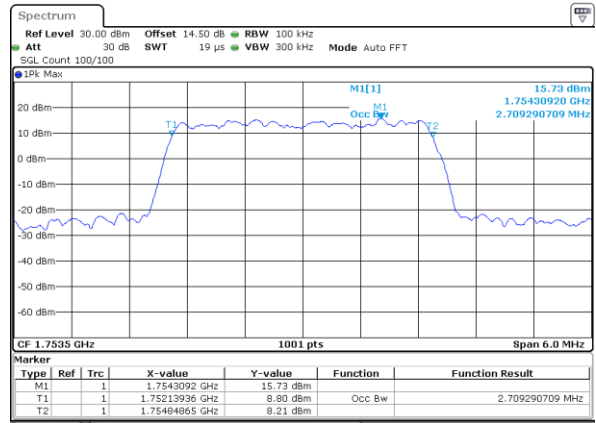
Date: 31.MAR.2018 04:20:45

Highest Channel / 3MHz / QPSK



Date: 31.MAR.2018 04:23:07

Highest Channel / 3MHz / 16QAM

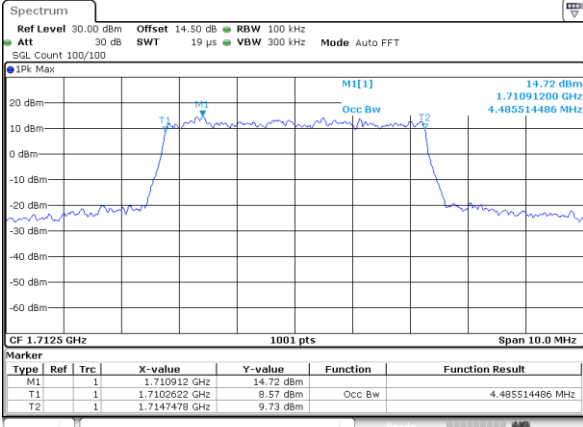


Date: 31.MAR.2018 04:23:18



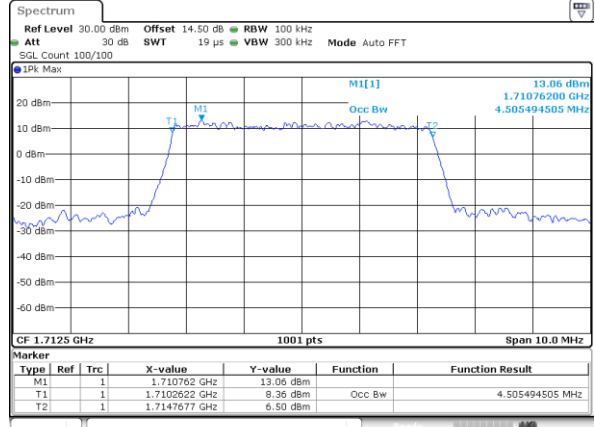
LTE Band 4

Lowest Channel / 5MHz / QPSK



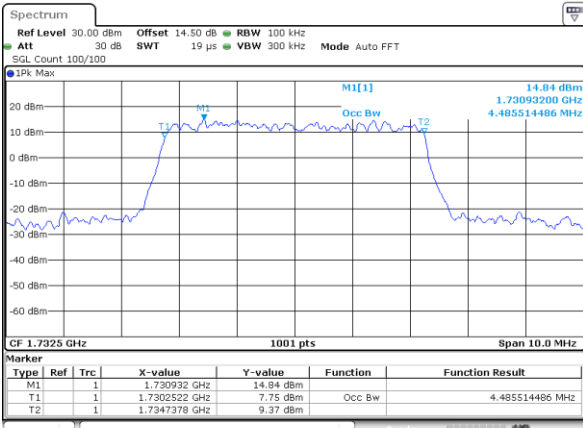
Date: 31.MAR.2018 04:30:17

Lowest Channel / 5MHz / 16QAM



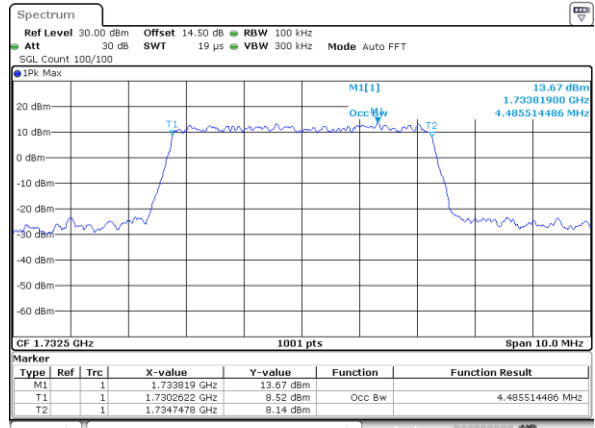
Date: 31.MAR.2018 04:30:27

Middle Channel / 5MHz / QPSK



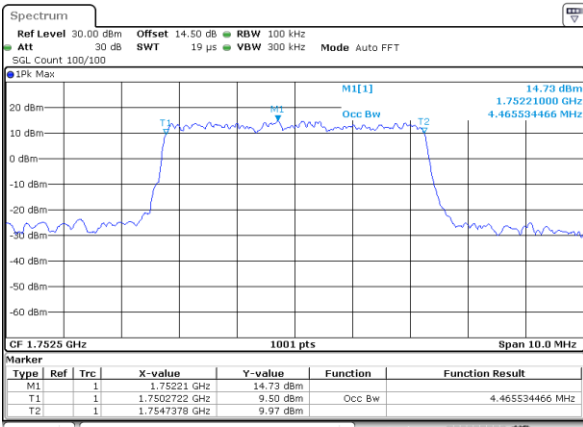
Date: 31.MAR.2018 04:37:26

Middle Channel / 5MHz / 16QAM



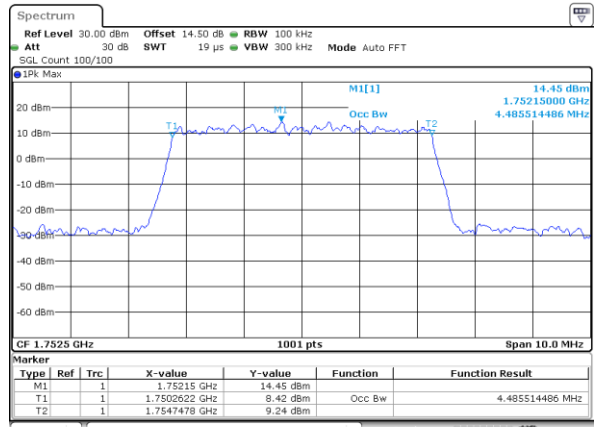
Date: 31.MAR.2018 04:37:36

Highest Channel / 5MHz / QPSK



Date: 31.MAR.2018 04:39:58

Highest Channel / 5MHz / 16QAM

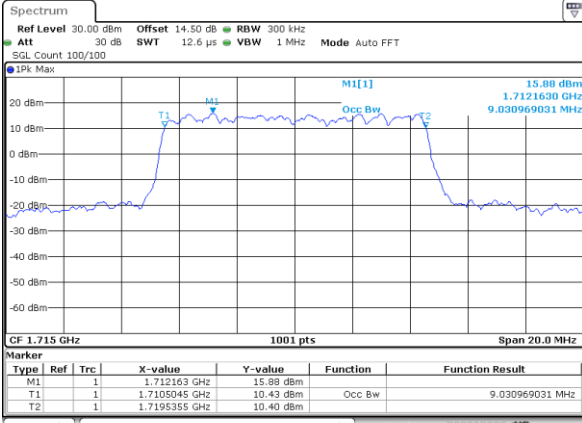


Date: 31.MAR.2018 04:40:08



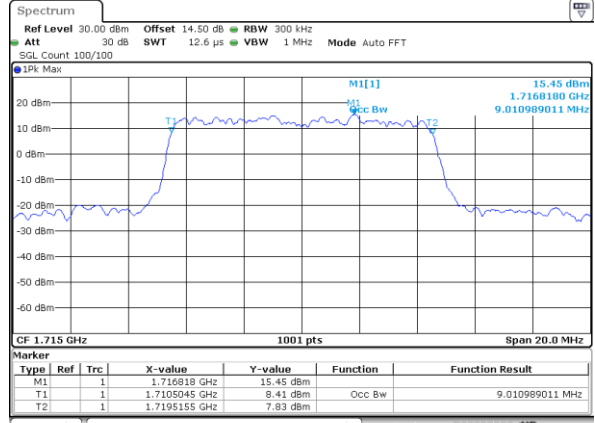
LTE Band 4

Lowest Channel / 10MHz / QPSK



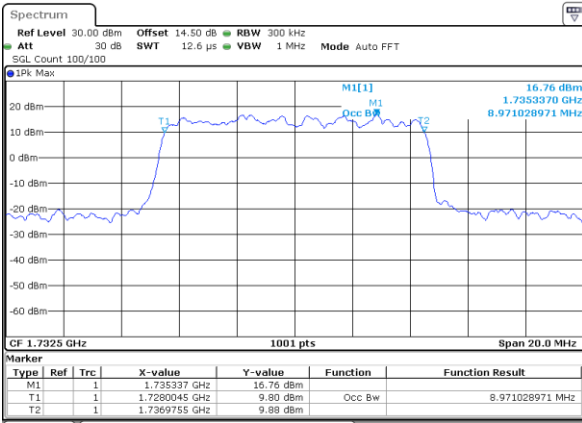
Date: 31.MAR.2018 04:47:07

Lowest Channel / 10MHz / 16QAM



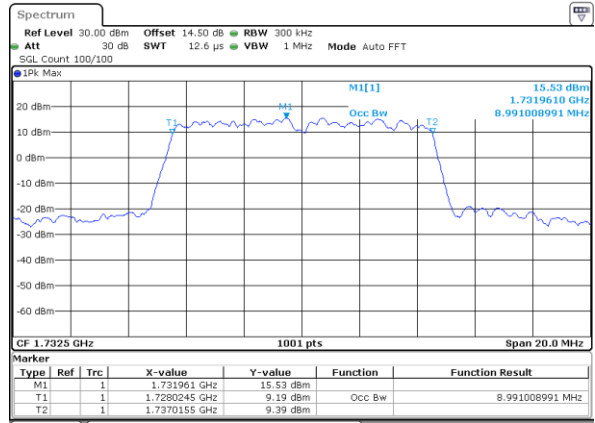
Date: 31.MAR.2018 04:47:18

Middle Channel / 10MHz / QPSK



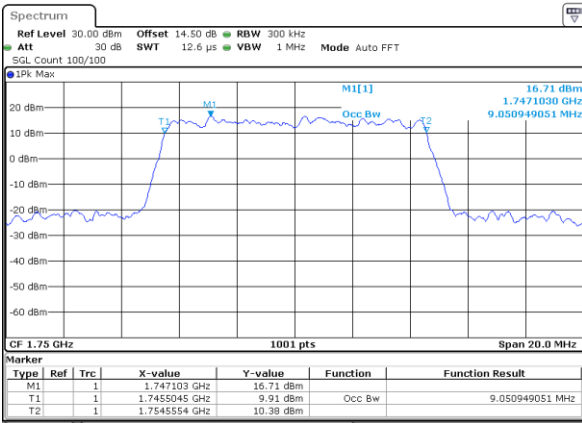
Date: 31.MAR.2018 04:54:16

Middle Channel / 10MHz / 16QAM



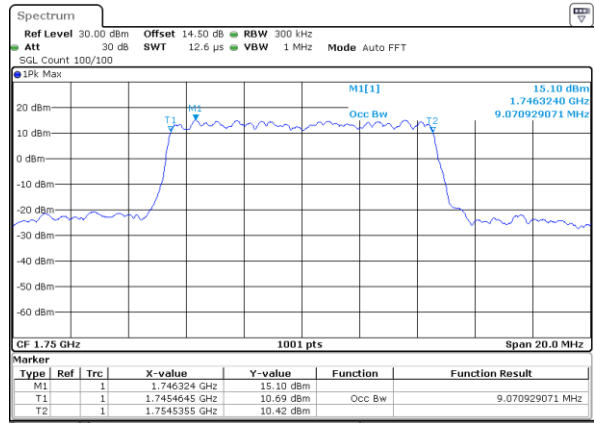
Date: 31.MAR.2018 04:54:26

Highest Channel / 10MHz / QPSK



Date: 31.MAR.2018 04:56:48

Highest Channel / 10MHz / 16QAM



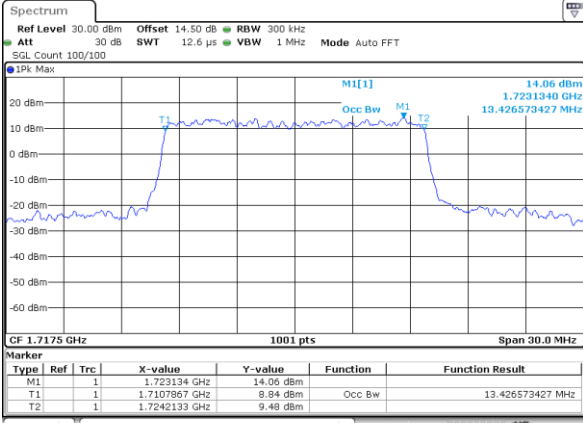
Date: 31.MAR.2018 04:56:58





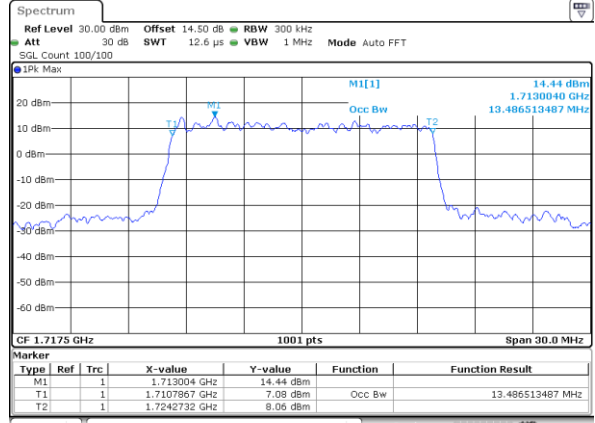
LTE Band 4

Lowest Channel / 15MHz / QPSK



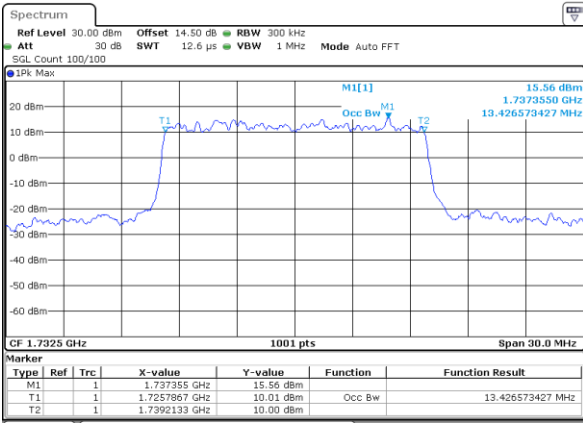
Date: 31.MAR.2018 05:03:57

Lowest Channel / 15MHz / 16QAM



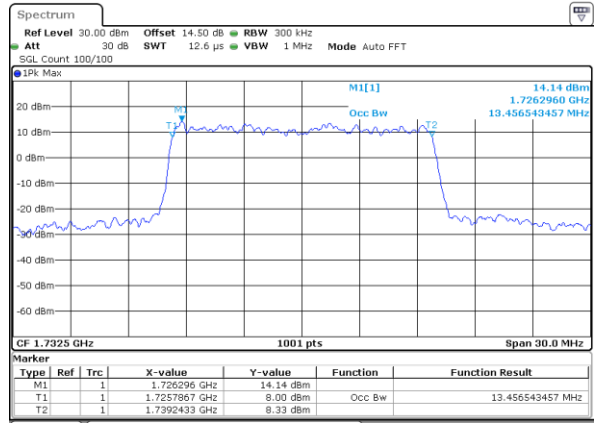
Date: 31.MAR.2018 05:04:07

Middle Channel / 15MHz / QPSK



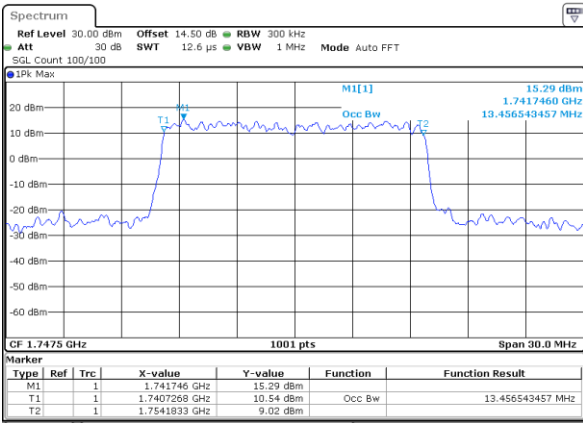
Date: 31.MAR.2018 05:11:06

Middle Channel / 15MHz / 16QAM



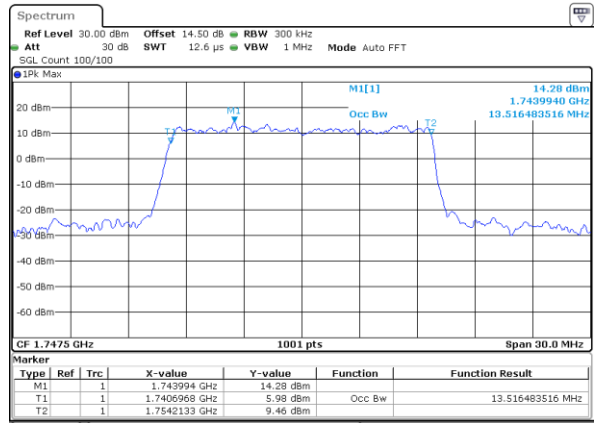
Date: 31.MAR.2018 05:11:16

Highest Channel / 15MHz / QPSK



Date: 31.MAR.2018 05:13:38

Highest Channel / 15MHz / 16QAM

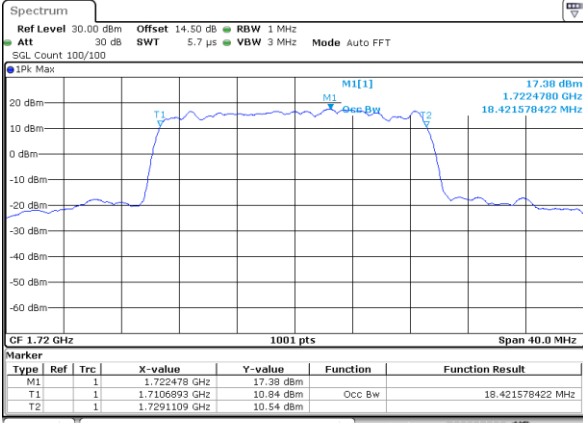


Date: 31.MAR.2018 05:13:48



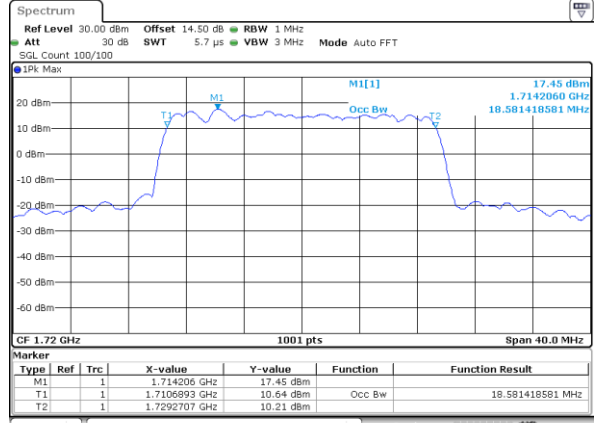
LTE Band 4

Lowest Channel / 20MHz / QPSK



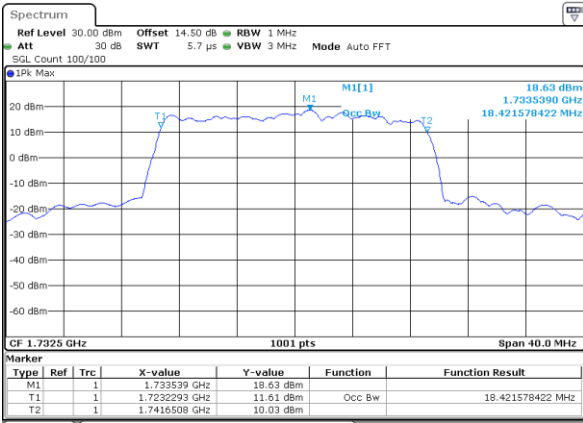
Date: 31.MAR.2018 05:20:46

Lowest Channel / 20MHz / 16QAM



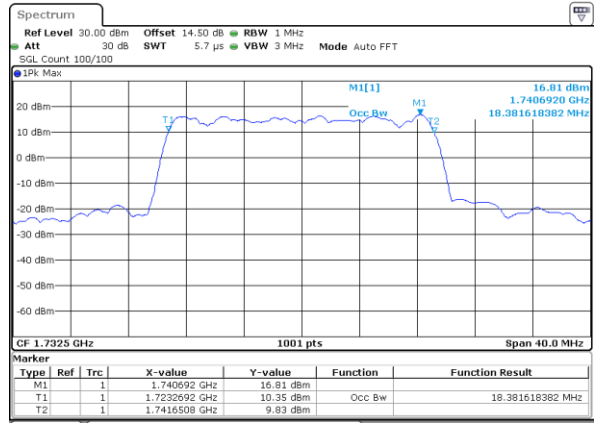
Date: 31.MAR.2018 05:20:56

Middle Channel / 20MHz / QPSK



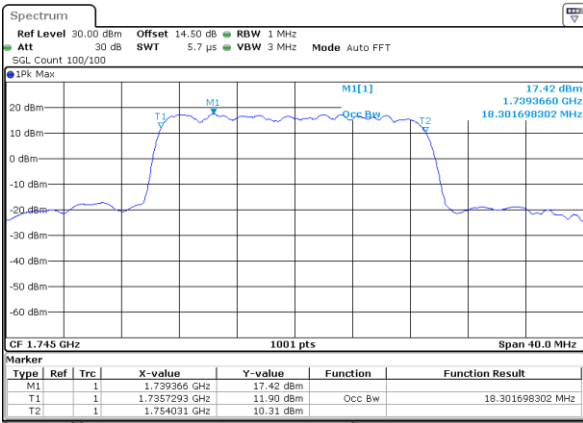
Date: 31.MAR.2018 05:27:55

Middle Channel / 20MHz / 16QAM



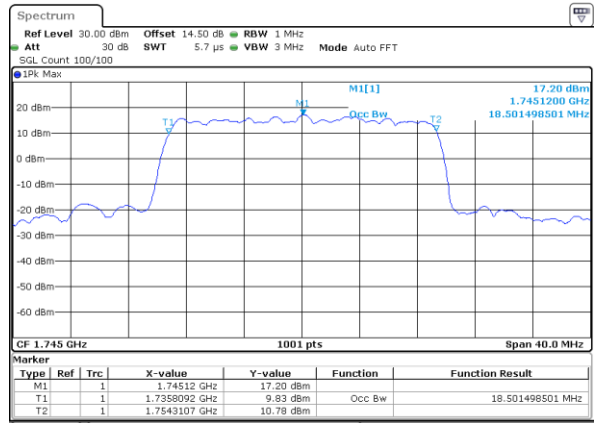
Date: 31.MAR.2018 05:28:05

Highest Channel / 20MHz / QPSK



Date: 31.MAR.2018 05:30:27

Highest Channel / 20MHz / 16QAM

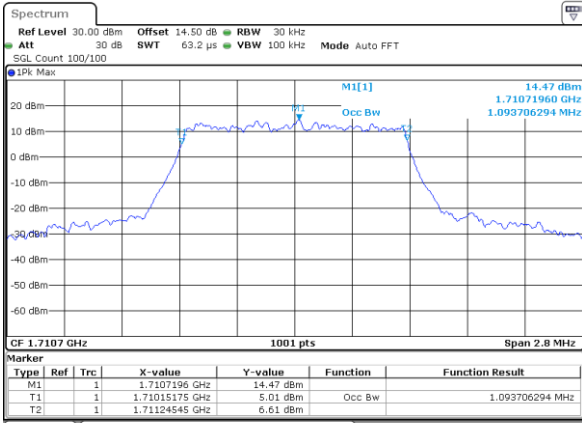


Date: 31.MAR.2018 05:30:38



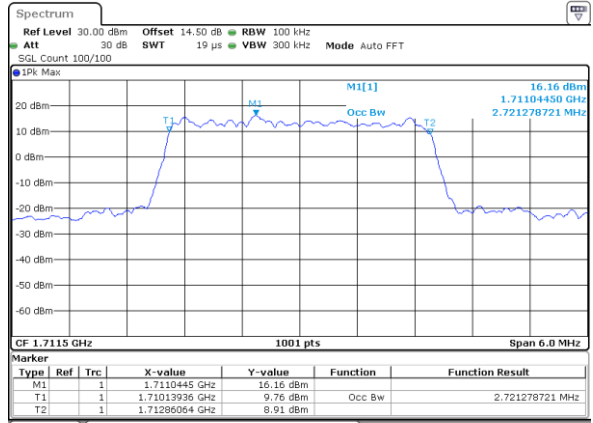
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



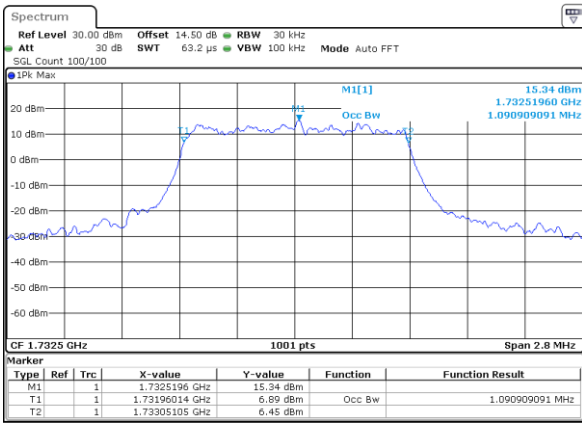
Date: 31.MAR.2018 05:59:46

Lowest Channel / 3MHz / 64QAM



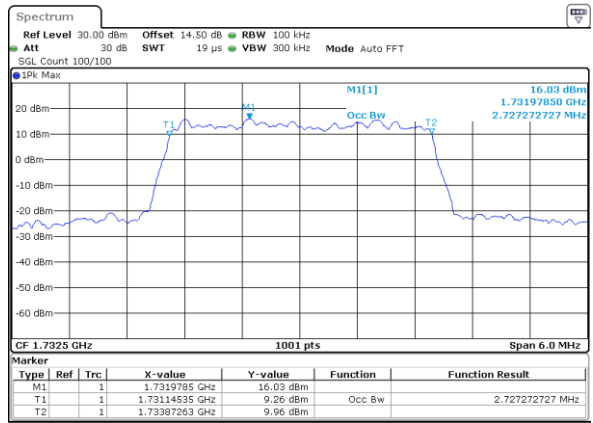
Date: 31.MAR.2018 06:08:10

Middle Channel / 1.4MHz / 64QAM



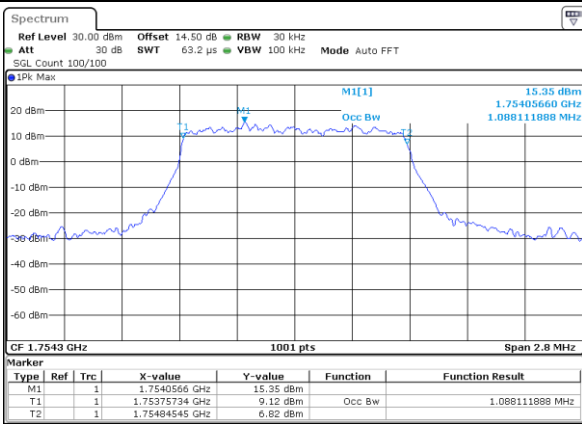
Date: 31.MAR.2018 06:03:20

Middle Channel / 3MHz / 64QAM



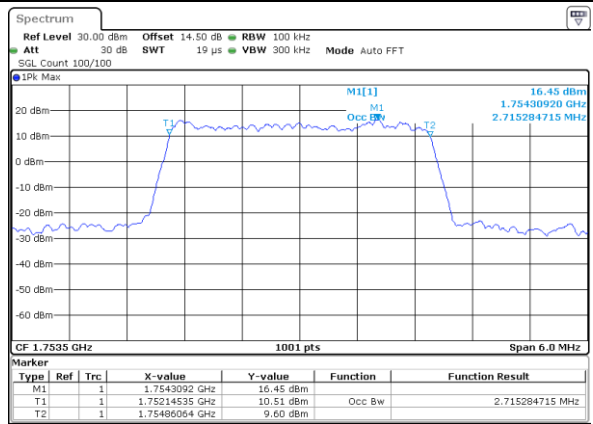
Date: 31.MAR.2018 06:11:44

Highest Channel / 1.4MHz / 64QAM



Date: 31.MAR.2018 06:04:36

Highest Channel / 3MHz / 64QAM

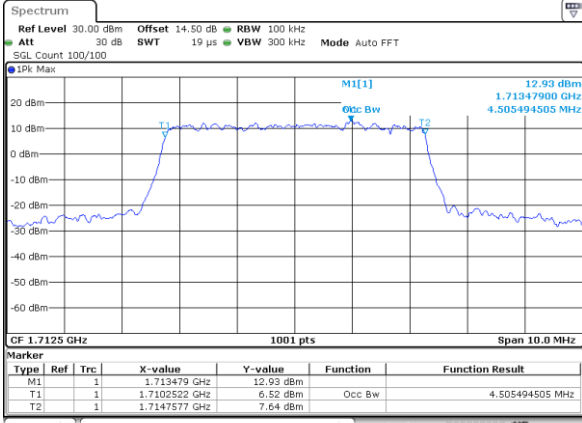


Date: 31.MAR.2018 06:13:00



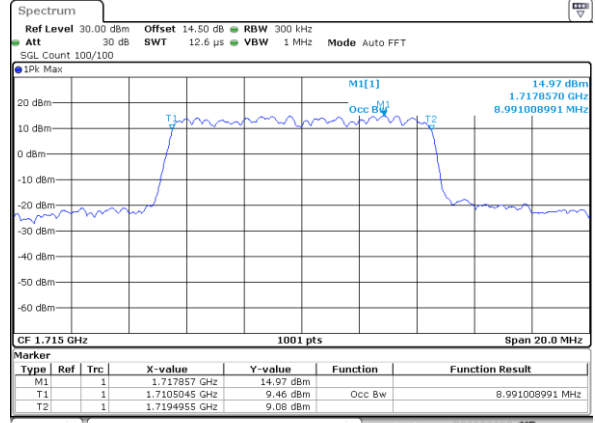
LTE Band 4

Lowest Channel / 5MHz / 64QAM



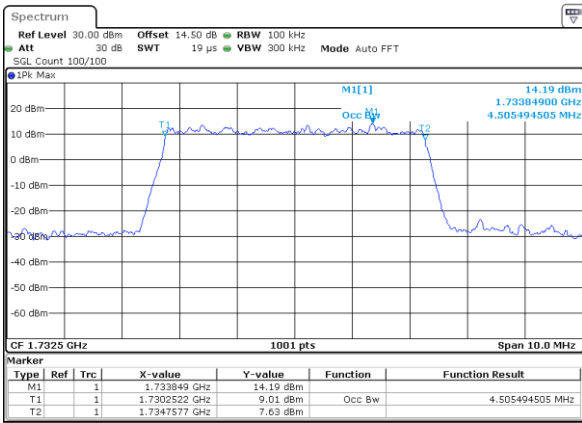
Date: 31.MAR.2018 06:16:33

Lowest Channel / 10MHz / 64QAM



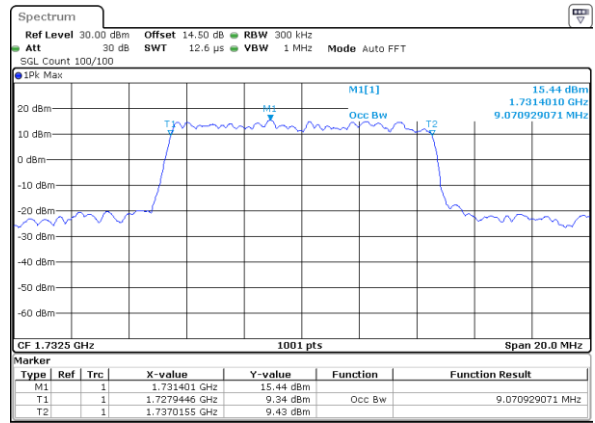
Date: 31.MAR.2018 06:24:57

Middle Channel / 5MHz / 64QAM



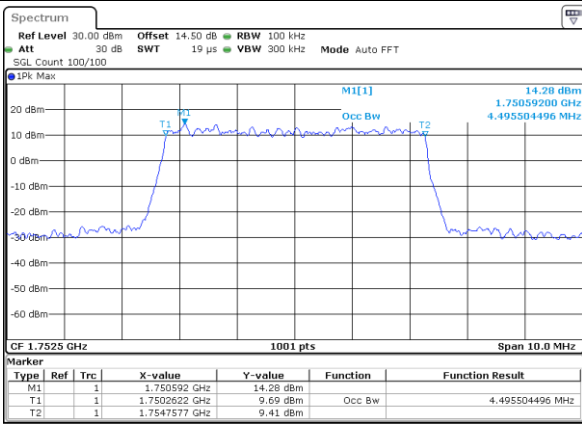
Date: 31.MAR.2018 06:20:07

Middle Channel / 10MHz / 64QAM



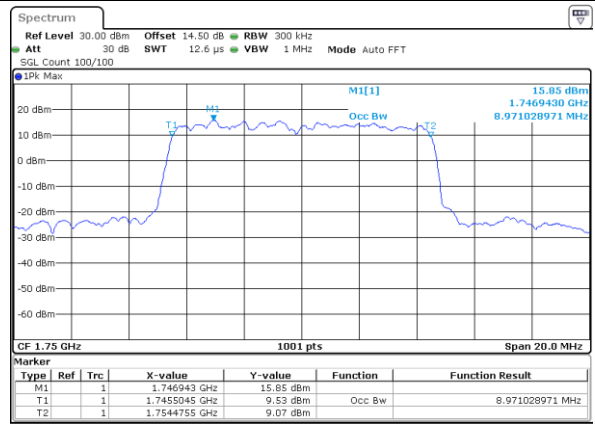
Date: 31.MAR.2018 06:28:31

Highest Channel / 5MHz / 64QAM



Date: 31.MAR.2018 06:21:23

Highest Channel / 10MHz / 64QAM

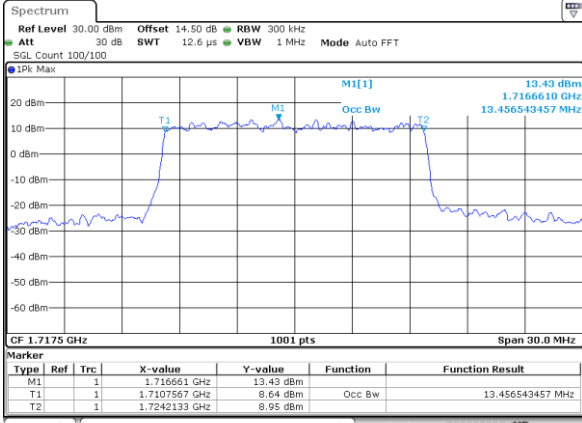


Date: 31.MAR.2018 06:29:47



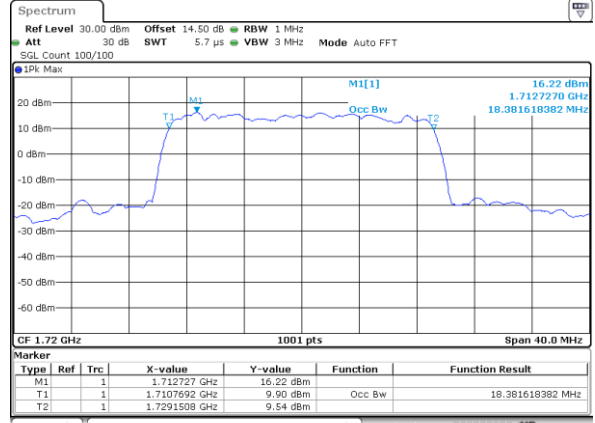
LTE Band 4

Lowest Channel / 15MHz / 64QAM



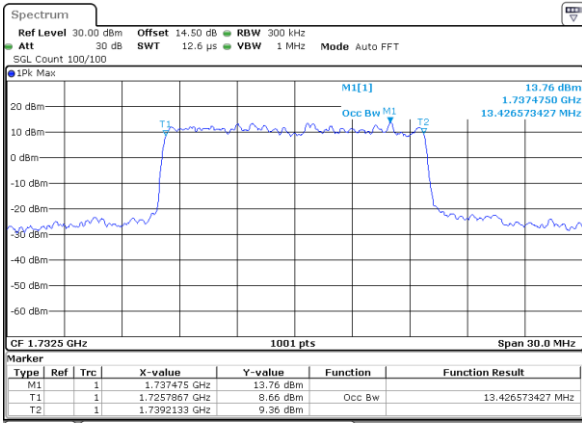
Date: 31.MAR.2018 06:33:20

Lowest Channel / 20MHz / 64QAM



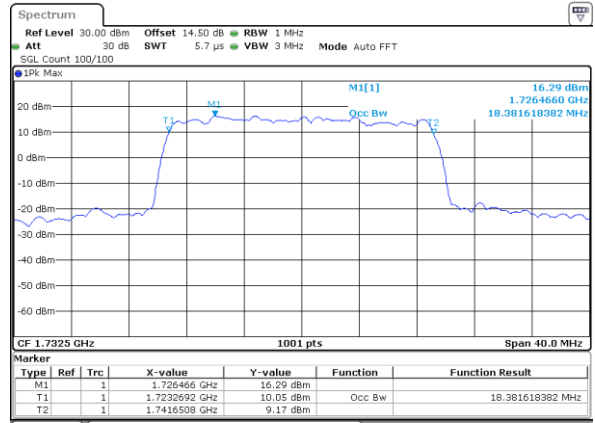
Date: 31.MAR.2018 06:41:43

Middle Channel / 15MHz / 64QAM



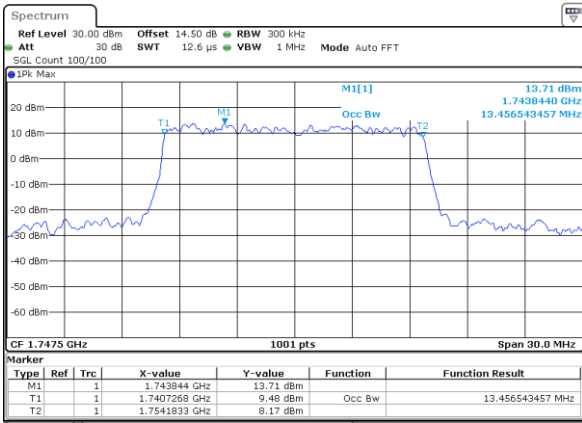
Date: 31.MAR.2018 06:36:54

Middle Channel / 20MHz / 64QAM



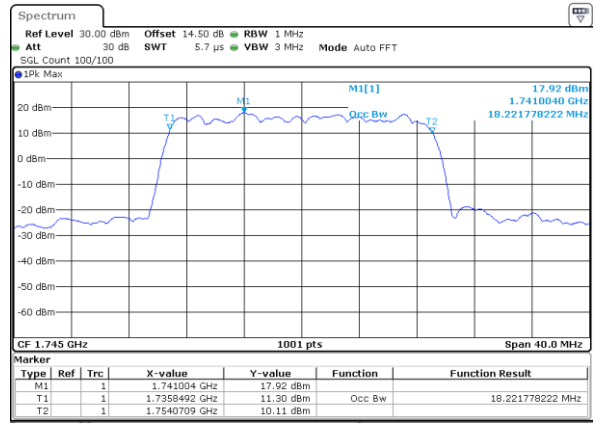
Date: 31.MAR.2018 06:45:17

Highest Channel / 15MHz / 64QAM



Date: 31.MAR.2018 06:38:10

Highest Channel / 20MHz / 64QAM

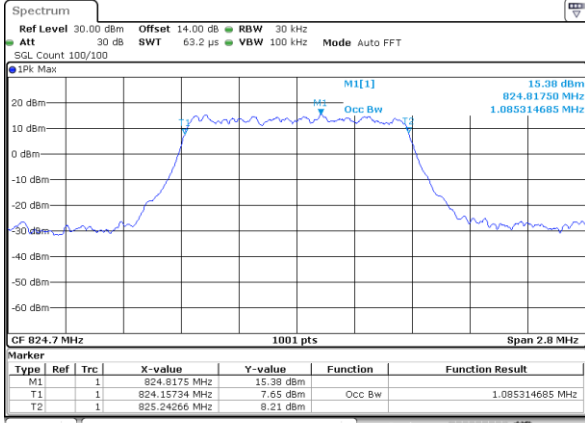


Date: 31.MAR.2018 06:46:32



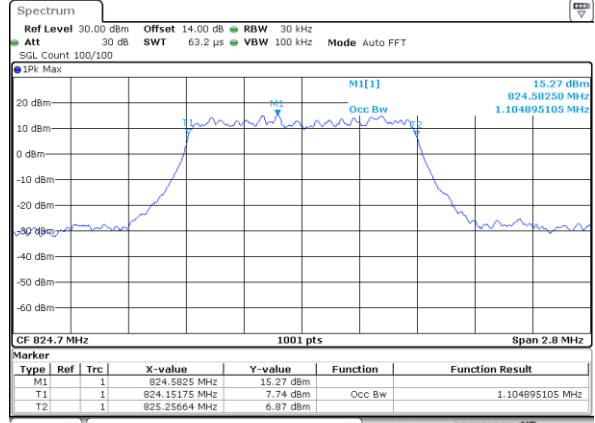
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



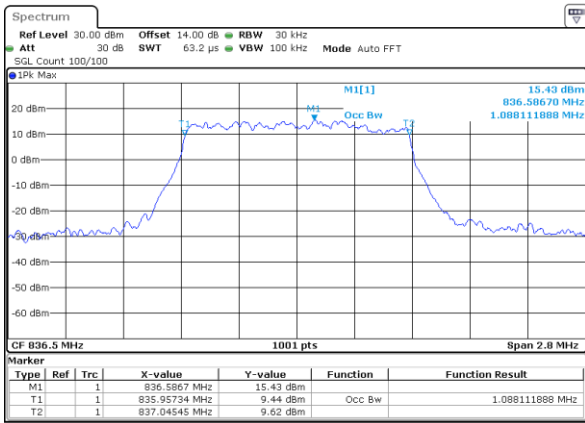
Date: 30\_MAR\_2018 21:09:25

Lowest Channel / 1.4MHz / 16QAM



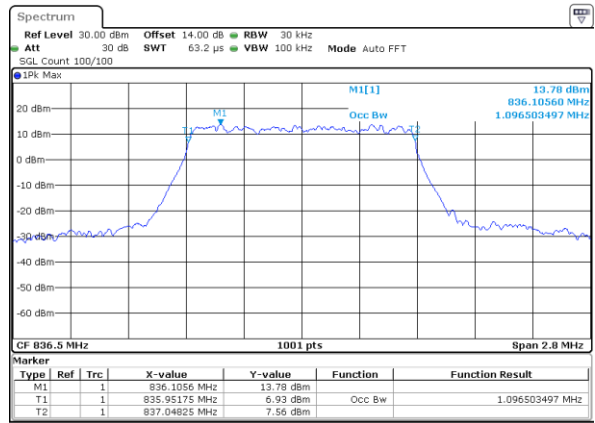
Date: 30\_MAR\_2018 21:09:36

Middle Channel / 1.4MHz / QPSK



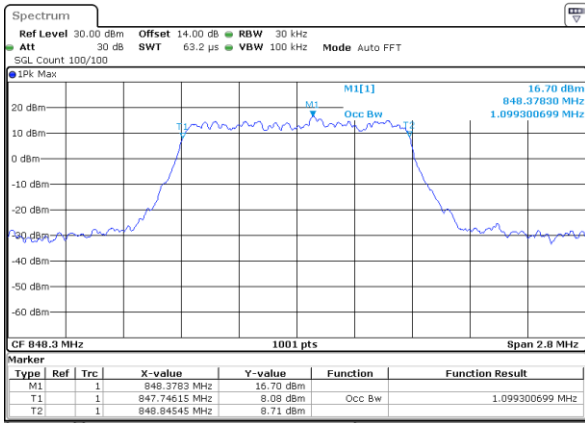
Date: 30\_MAR\_2018 21:18:39

Middle Channel / 1.4MHz / 16QAM



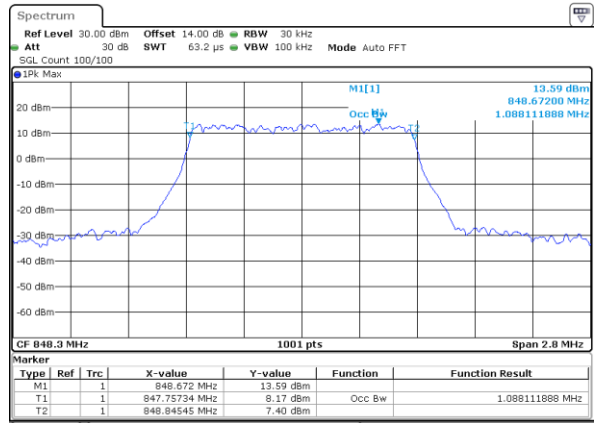
Date: 30\_MAR\_2018 21:18:49

Highest Channel / 1.4MHz / QPSK



Date: 30\_MAR\_2018 21:21:12

Highest Channel / 1.4MHz / 16QAM

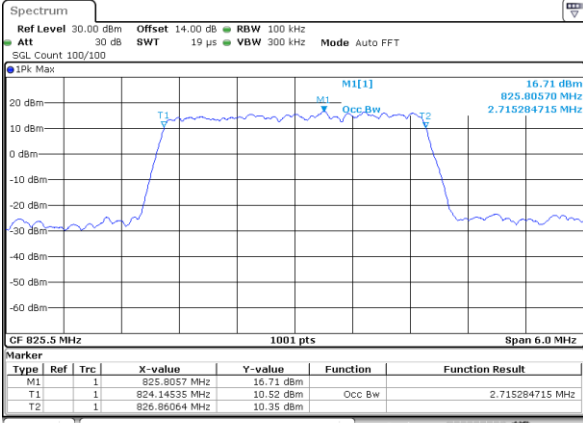


Date: 30\_MAR\_2018 21:21:22



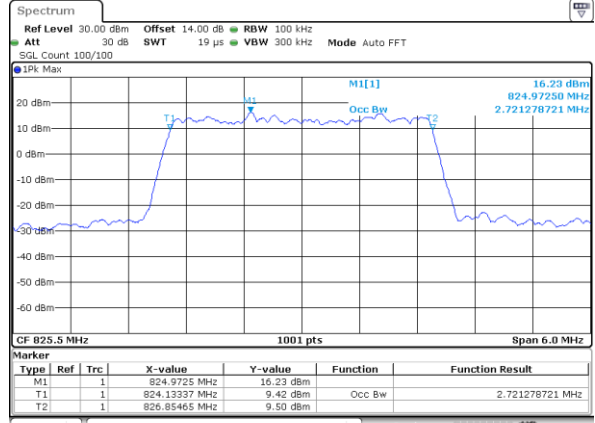
LTE Band 5

Lowest Channel / 3MHz / QPSK



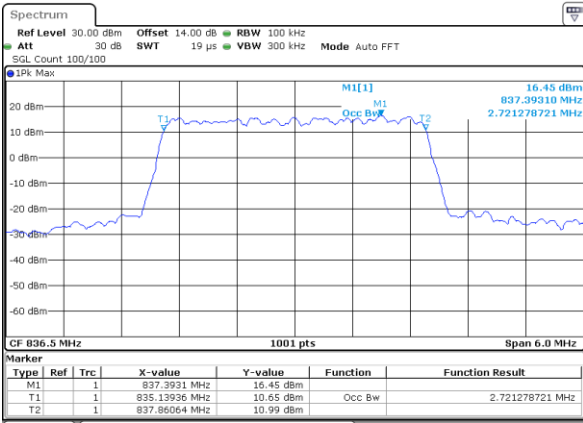
Date: 30\_MAR\_2018 21:30:35

Lowest Channel / 3MHz / 16QAM



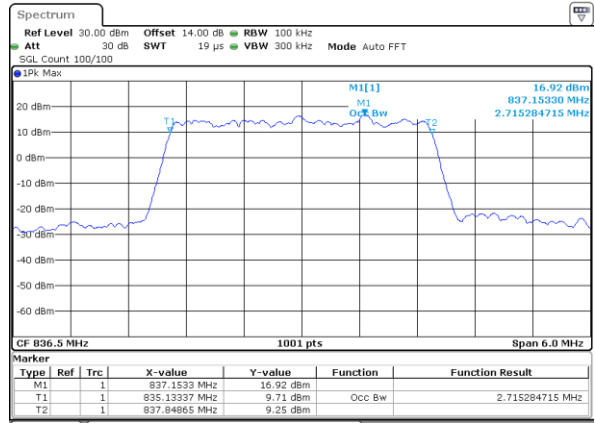
Date: 30\_MAR\_2018 21:30:46

Middle Channel / 3MHz / QPSK



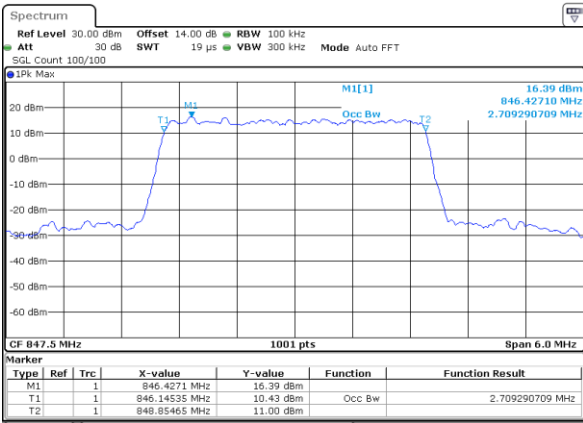
Date: 30\_MAR\_2018 21:39:54

Middle Channel / 3MHz / 16QAM



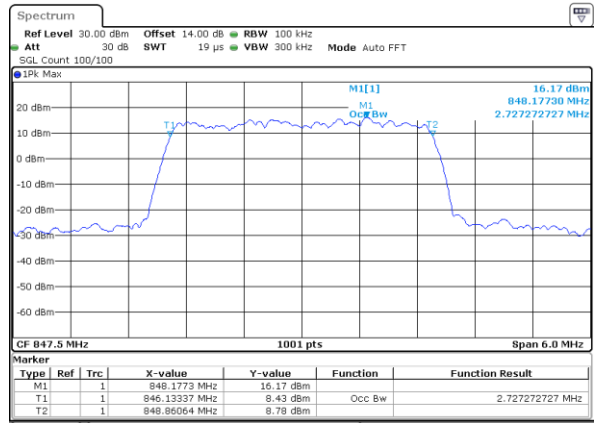
Date: 30\_MAR\_2018 21:40:04

Highest Channel / 3MHz / QPSK



Date: 30\_MAR\_2018 21:42:26

Highest Channel / 3MHz / 16QAM

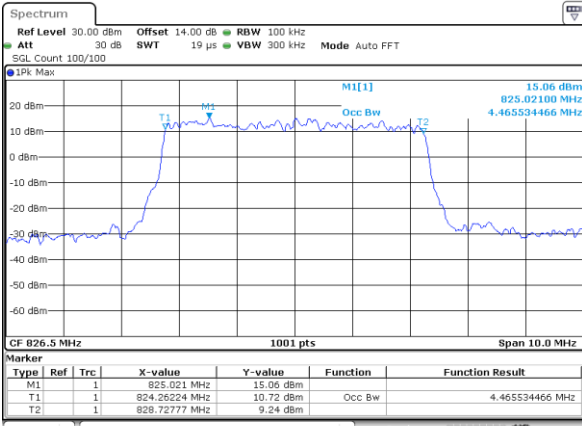


Date: 30\_MAR\_2018 21:42:37



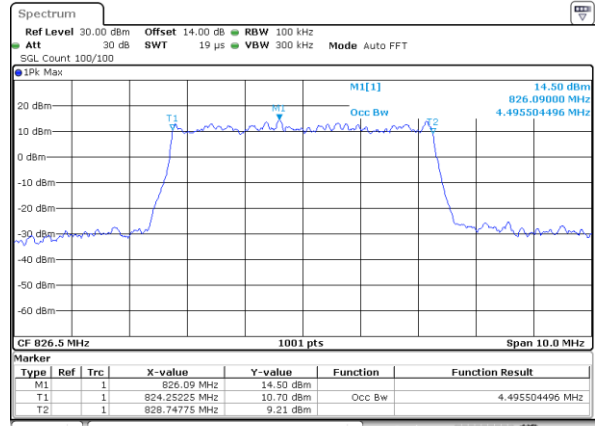
LTE Band 5

Lowest Channel / 5MHz / QPSK



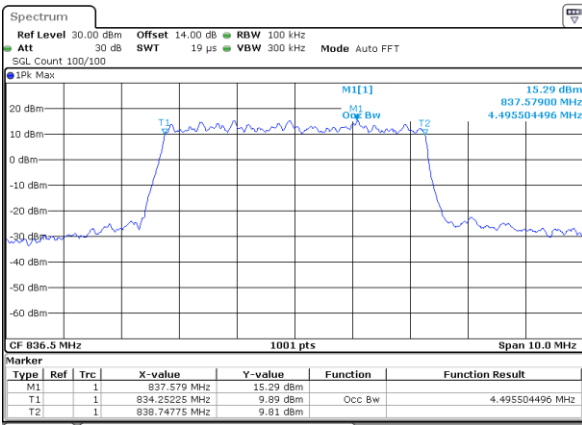
Date: 30\_MAR\_2018 22:19:14

Lowest Channel / 5MHz / 16QAM



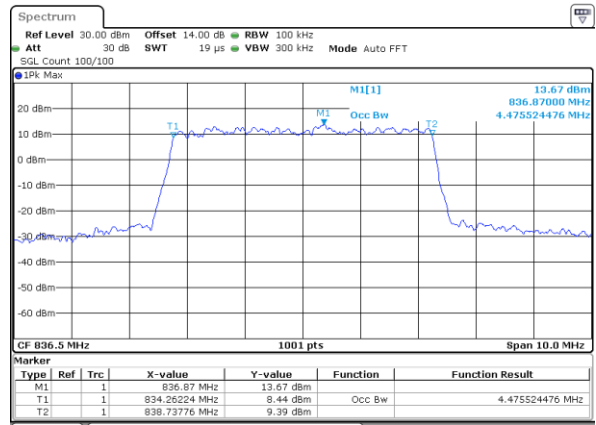
Date: 30\_MAR\_2018 22:19:25

Middle Channel / 5MHz / QPSK



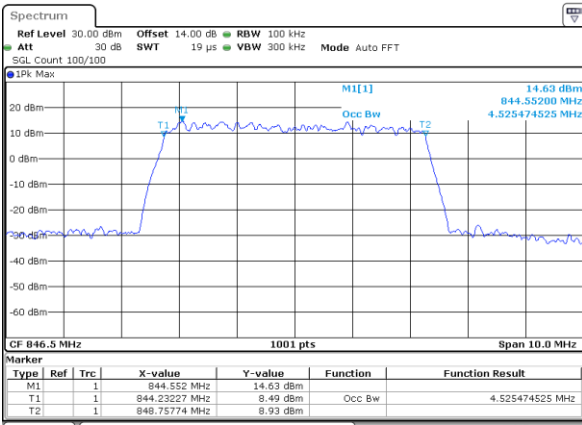
Date: 30\_MAR\_2018 22:28:25

Middle Channel / 5MHz / 16QAM



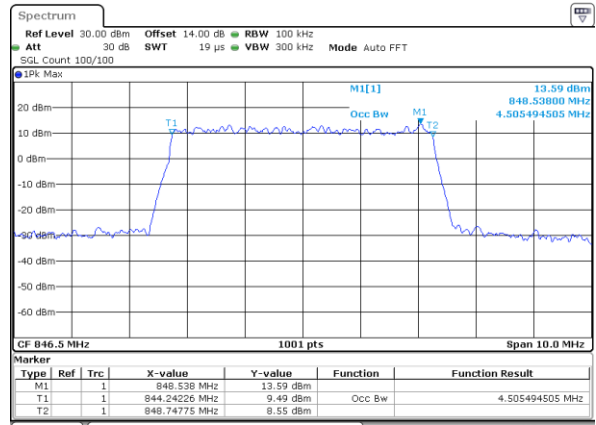
Date: 30\_MAR\_2018 22:28:36

Highest Channel / 5MHz / QPSK



Date: 30\_MAR\_2018 22:30:58

Highest Channel / 5MHz / 16QAM



Date: 30\_MAR\_2018 22:31:08