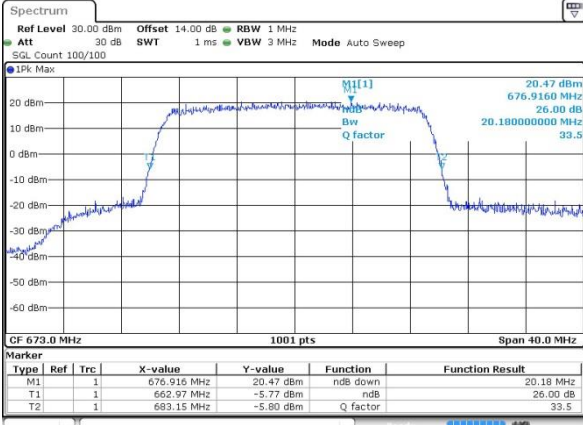




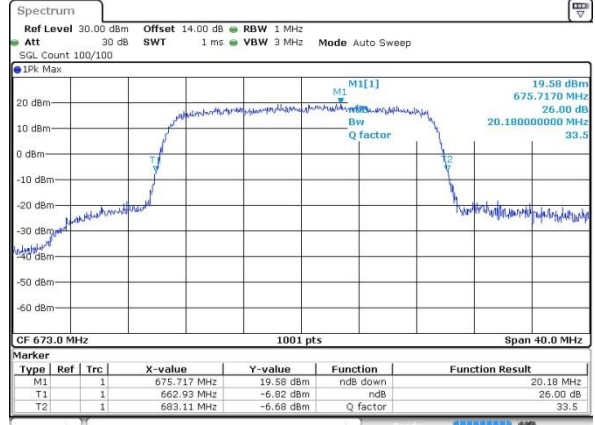
LTE Band 71

Lowest Channel / 20MHz / QPSK



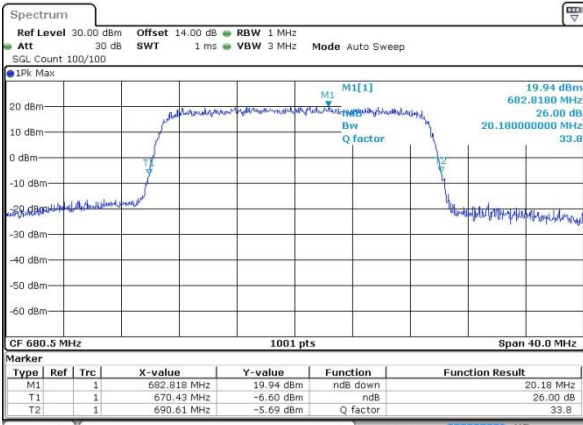
Date: 9 NOV 2018 23:15:43

Lowest Channel / 20MHz / 16QAM



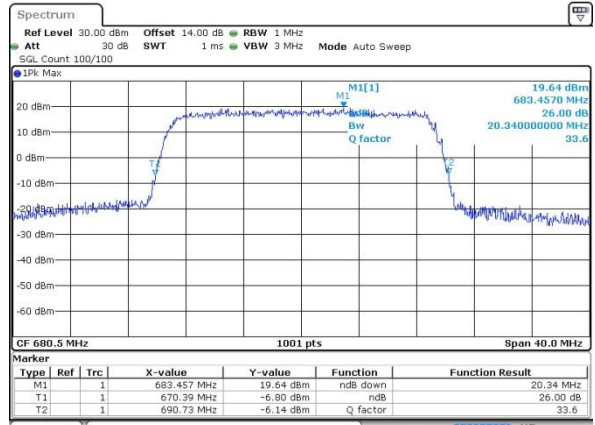
Date: 9 NOV 2018 23:14:38

Middle Channel / 20MHz / QPSK



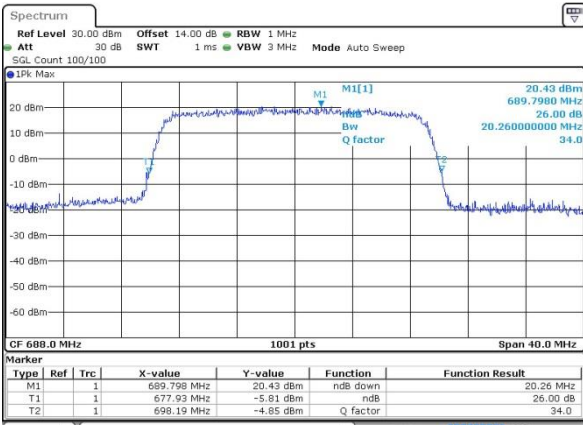
Date: 9 NOV 2018 23:01:56

Middle Channel / 20MHz / 16QAM



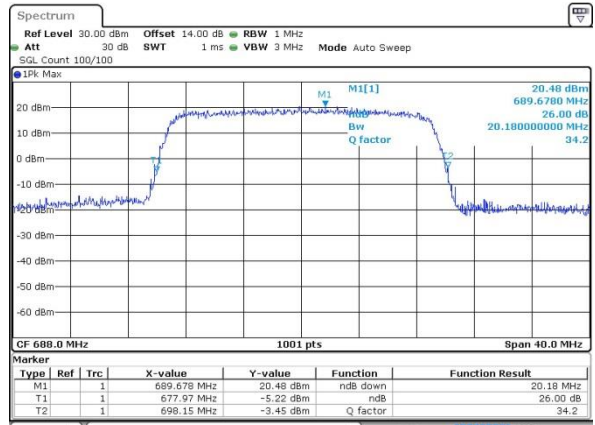
Date: 9 NOV 2018 23:02:17

Highest Channel / 20MHz / QPSK



Date: 9 NOV 2018 23:27:49

Highest Channel / 20MHz / 16QAM



Date: 9 NOV 2018 23:26:34



### Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.09	2.7	2.7	4.49	4.5	9.01	8.99	13.46	13.49	18.34	18.42
Middle CH	1.1	1.1	2.75	2.71	4.47	4.52	8.95	8.99	13.43	13.37	18.46	18.18
Highest CH	1.1	1.09	2.73	2.72	4.5	4.49	9.05	8.97	13.43	13.43	18.14	18.18

Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.09	2.72	2.71	4.52	4.49	9.05	9.09	13.43	13.43	18.18	18.3
Middle CH	1.09	1.09	2.7	2.72	4.49	4.47	9.01	9.01	13.4	13.46	18.38	18.34
Highest CH	1.09	1.09	2.72	2.73	4.49	4.5	9.05	9.05	13.4	13.43	18.3	18.3

Mode	LTE Band 5 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM				
Lowest CH	1.09	1.08	2.72	2.69	4.48	4.51	8.97	8.95				
Middle CH	1.1	1.1	2.7	2.72	4.51	4.49	9.01	8.97				
Highest CH	1.1	1.09	2.73	2.72	4.49	4.49	9.05	8.97				

Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM				
Lowest CH	1.09	1.09	2.71	2.73	4.48	4.48	9.03	8.97				
Middle CH	1.1	1.09	2.7	2.74	4.49	4.5	9.03	9.05				
Highest CH	1.09	1.09	2.72	2.73	4.47	4.49	9.03	8.99				

Mode	LTE Band 13 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.5	-	-	-	-	-	-
Middle CH	-	-	-	-	4.5	4.48	8.99	9.01	-	-	-	-
Highest CH	-	-	-	-	4.52	4.49	-	-	-	-	-	-



Mode	LTE Band 17 : 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	4.49	8.99	9.03	-	-	-	-
Middle CH	-	-	-	-	4.49	4.49	8.97	9.05	-	-	-	-
Highest CH	-	-	-	-	4.5	4.49	8.99	8.95	-	-	-	-

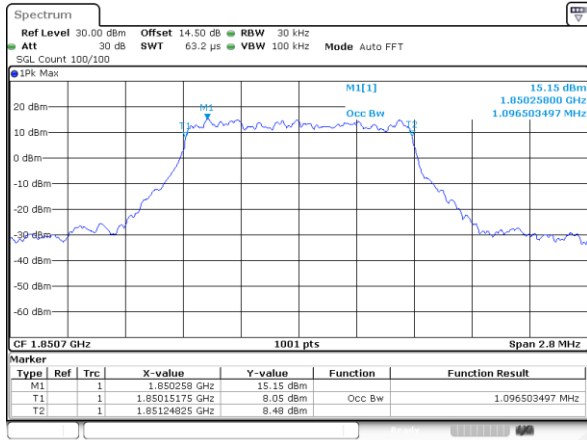
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.72	2.73	4.50	4.48	9.05	8.97	13.40	13.37	18.26	18.34
Middle CH	1.09	1.10	2.71	2.73	4.48	4.49	9.03	9.01	13.37	13.46	18.26	18.22
Highest CH	1.09	1.10	2.73	2.73	4.49	4.50	9.03	8.95	13.43	13.43	18.34	18.34

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	4.5	9.01	9.01	13.46	13.37	18.26	18.22
Middle CH	-	-	-	-	4.49	4.53	9.03	9.03	13.49	13.43	18.3	18.3
Highest CH	-	-	-	-	4.49	4.49	9.01	9.03	13.37	13.37	18.22	18.3



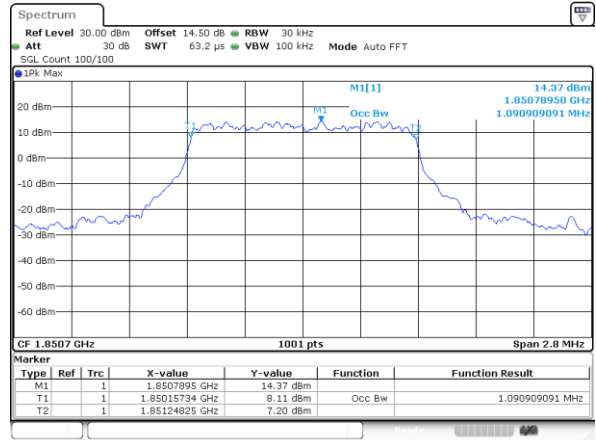
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



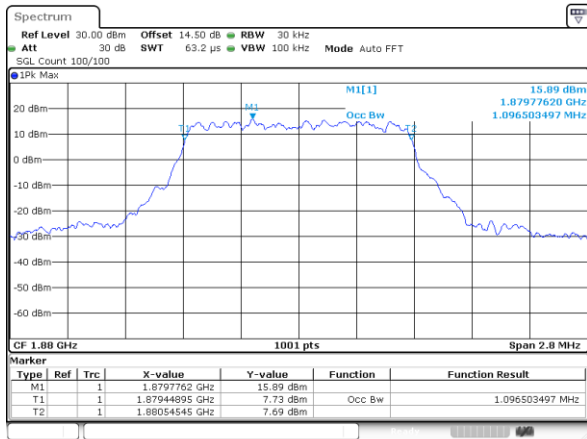
Date: 7.NOV.2018 16:07:19

Lowest Channel / 1.4MHz / 16QAM



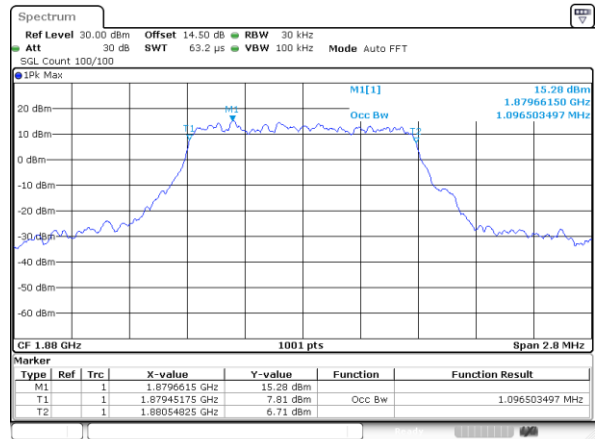
Date: 7.NOV.2018 11:53:02

Middle Channel / 1.4MHz / QPSK



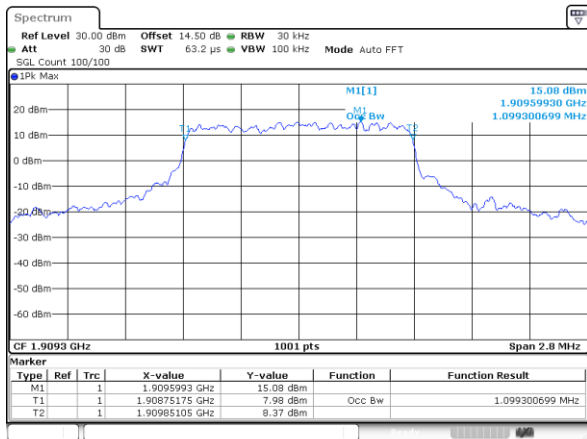
Date: 7.NOV.2018 12:00:05

Middle Channel / 1.4MHz / 16QAM



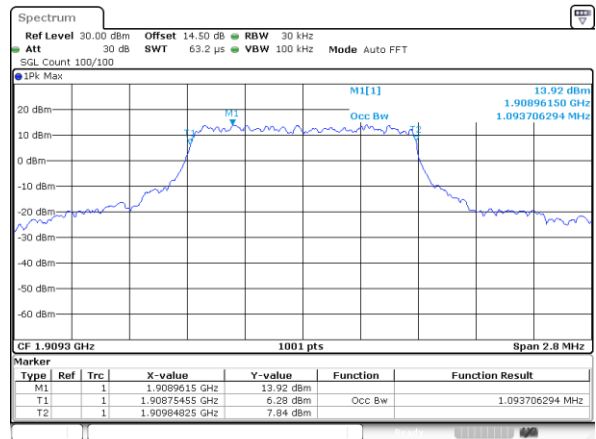
Date: 7.NOV.2018 12:00:15

Highest Channel / 1.4MHz / QPSK



Date: 7.NOV.2018 12:02:38

Highest Channel / 1.4MHz / 16QAM

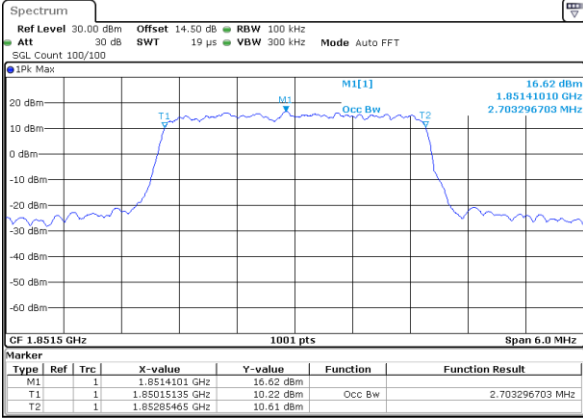


Date: 7.NOV.2018 12:02:48



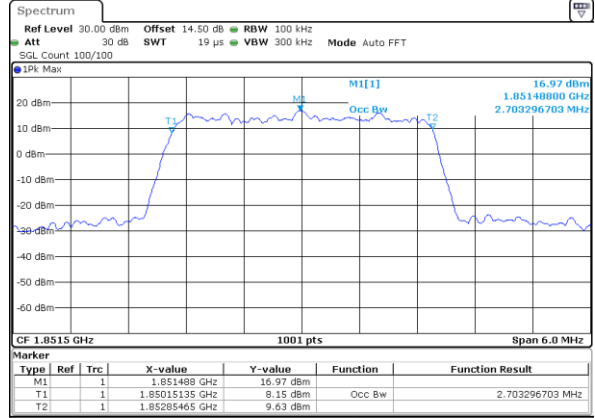
LTE Band 2

Lowest Channel / 3MHz / QPSK



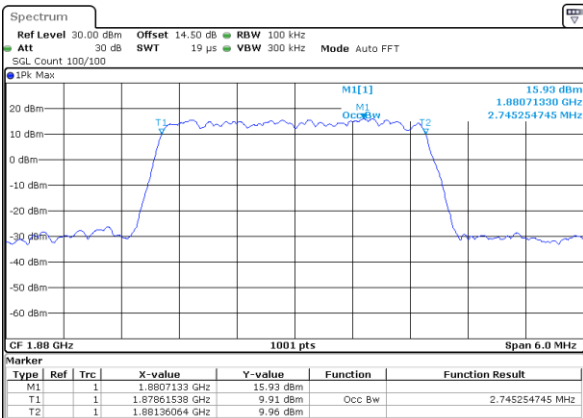
Date: 7,NOV,2018 15:45:57

Lowest Channel / 3MHz / 16QAM



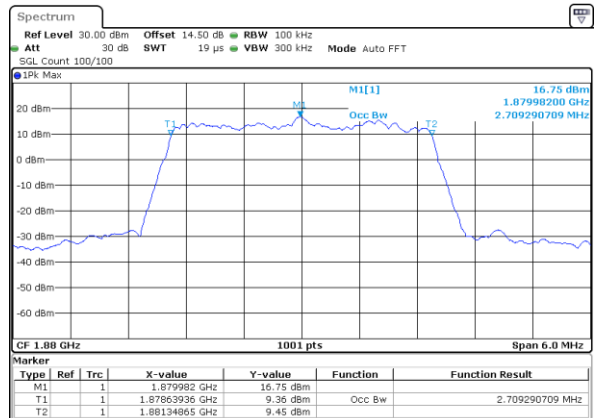
Date: 7,NOV,2018 15:46:07

Middle Channel / 3MHz / QPSK



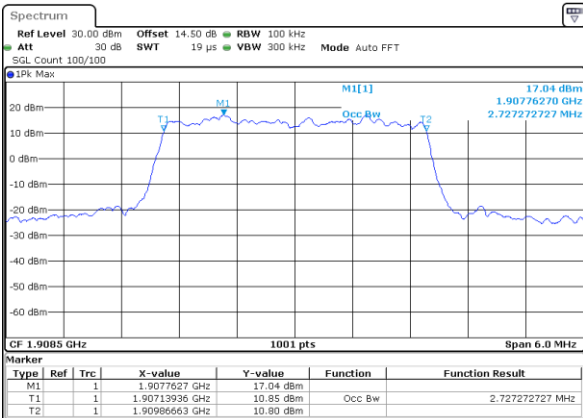
Date: 7,NOV,2018 15:53:08

Middle Channel / 3MHz / 16QAM



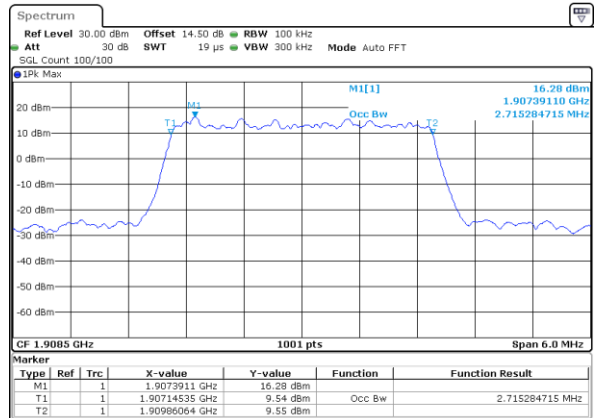
Date: 7,NOV,2018 15:53:18

Highest Channel / 3MHz / QPSK



Date: 7,NOV,2018 15:55:40

Highest Channel / 3MHz / 16QAM

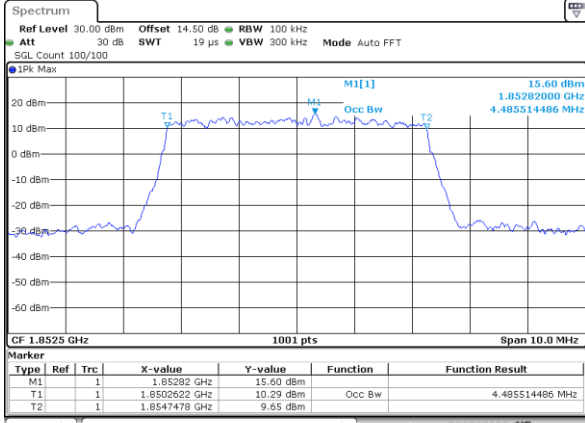


Date: 7,NOV,2018 15:55:50



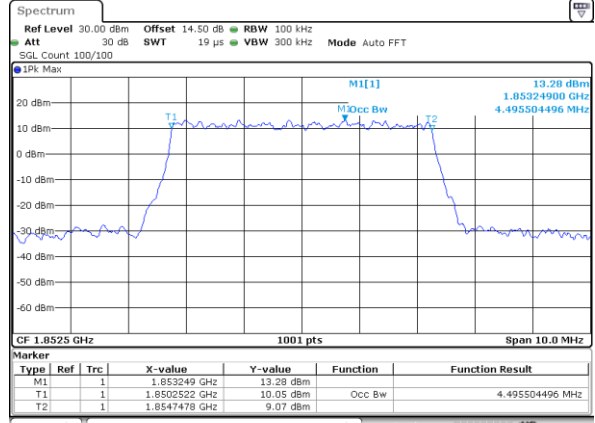
LTE Band 2

Lowest Channel / 5MHz / QPSK



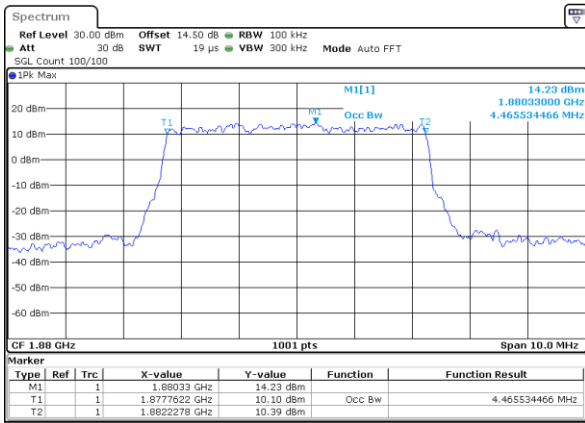
Date: 7,NOV,2018 16:08:20

Lowest Channel / 5MHz / 16QAM



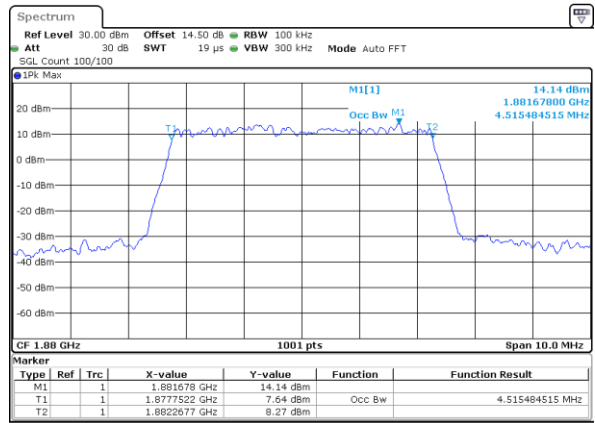
Date: 7,NOV,2018 16:08:31

Middle Channel / 5MHz / QPSK



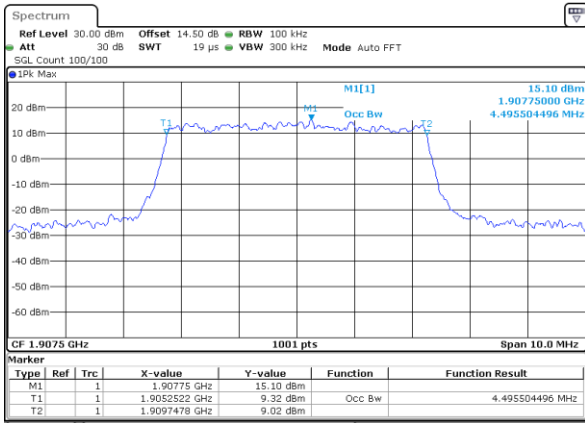
Date: 7,NOV,2018 16:17:08

Middle Channel / 5MHz / 16QAM



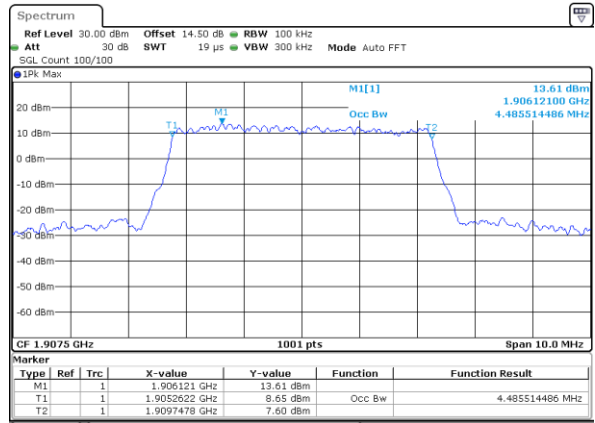
Date: 7,NOV,2018 16:17:19

Highest Channel / 5MHz / QPSK



Date: 7,NOV,2018 16:19:41

Highest Channel / 5MHz / 16QAM

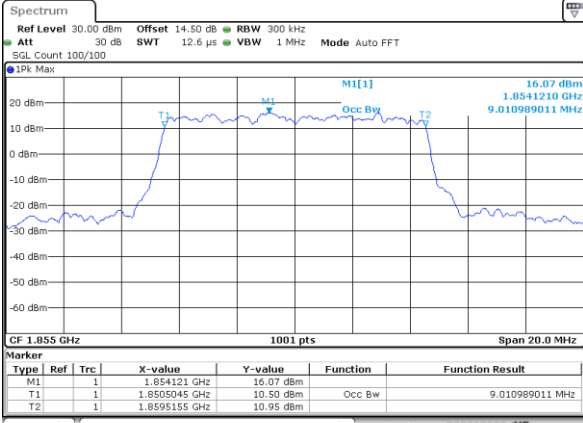


Date: 7,NOV,2018 16:19:51



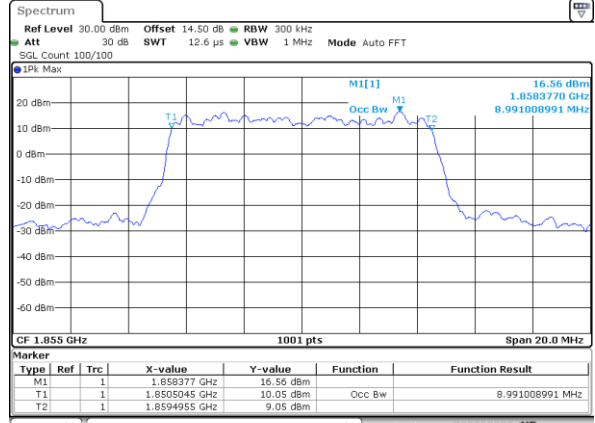
LTE Band 2

Lowest Channel / 10MHz / QPSK



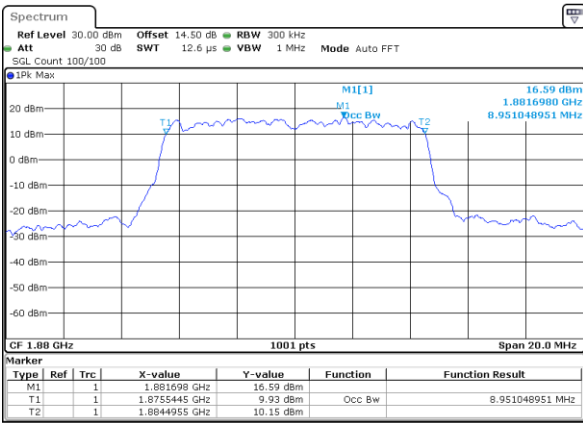
Date: 7,NOV,2018 16:27:49

Lowest Channel / 10MHz / 16QAM



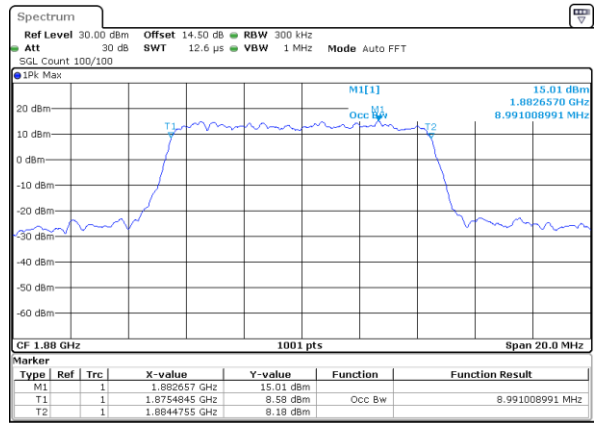
Date: 7,NOV,2018 16:28:00

Middle Channel / 10MHz / QPSK



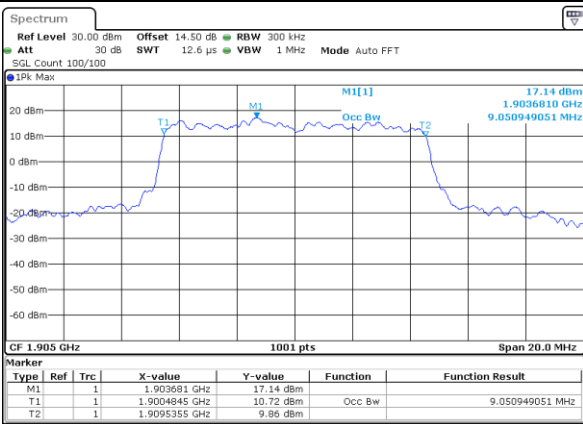
Date: 7,NOV,2018 16:34:59

Middle Channel / 10MHz / 16QAM



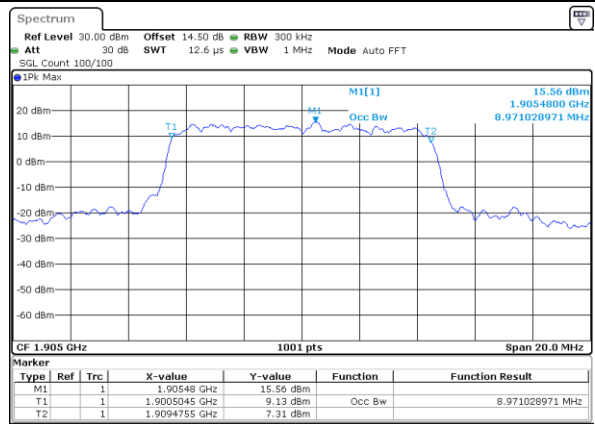
Date: 7,NOV,2018 16:35:09

Highest Channel / 10MHz / QPSK



Date: 7,NOV,2018 16:37:32

Highest Channel / 10MHz / 16QAM

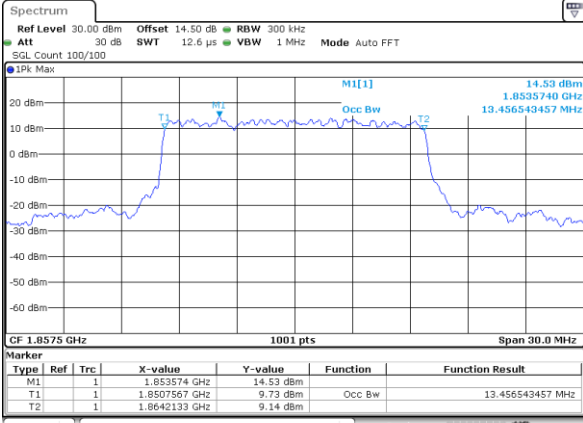


Date: 7,NOV,2018 16:37:42



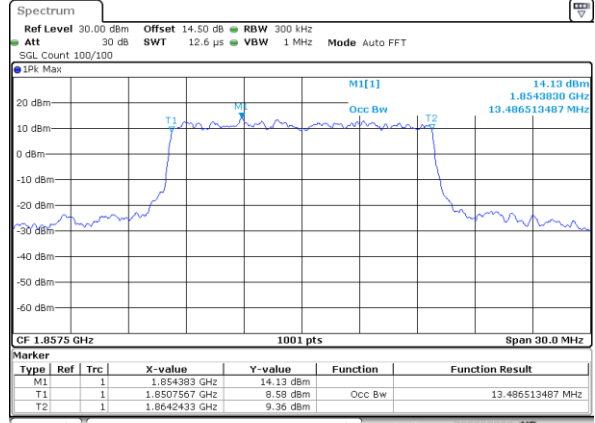
LTE Band 2

Lowest Channel / 15MHz / QPSK



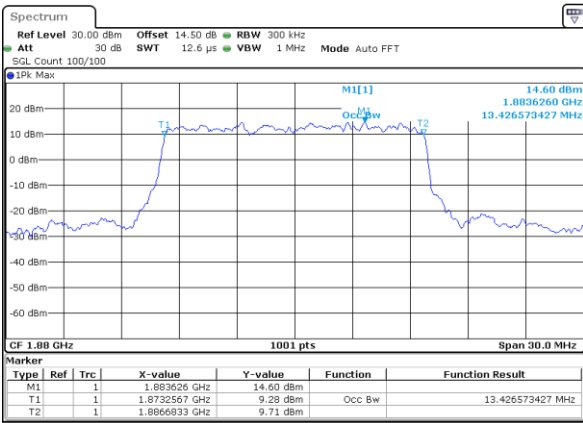
Date: 7,NOV,2018 16:50:07

Lowest Channel / 15MHz / 16QAM



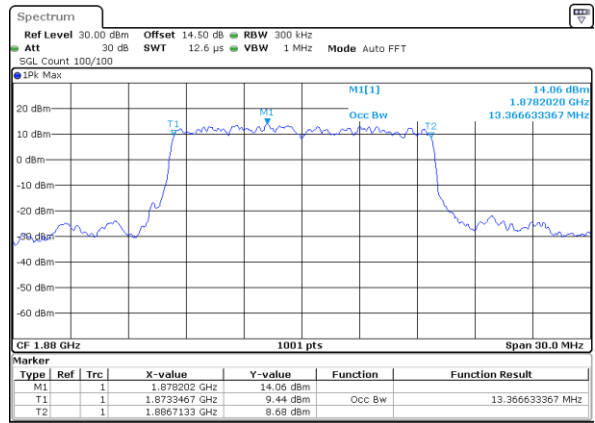
Date: 7,NOV,2018 16:50:17

Middle Channel / 15MHz / QPSK



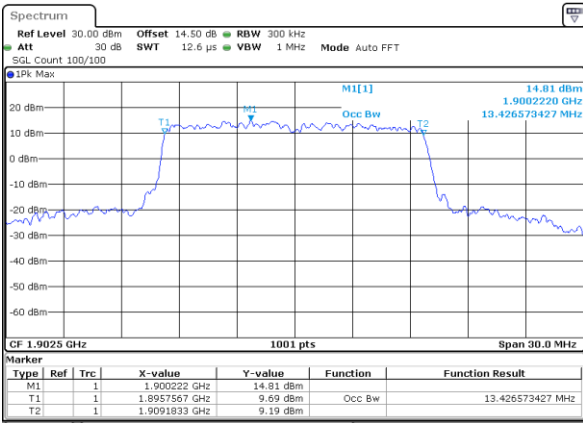
Date: 7,NOV,2018 16:57:17

Middle Channel / 15MHz / 16QAM



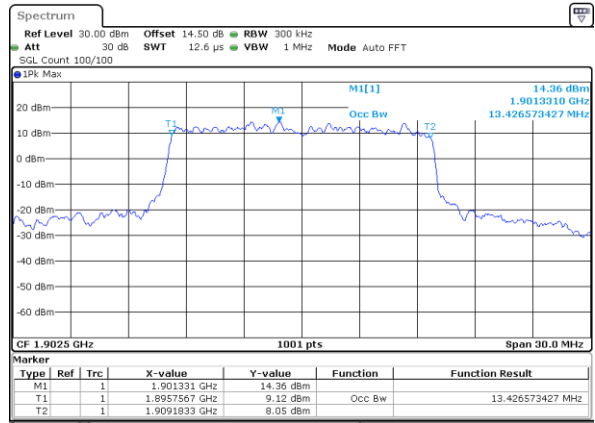
Date: 7,NOV,2018 16:57:27

Highest Channel / 15MHz / QPSK



Date: 7,NOV,2018 16:59:49

Highest Channel / 15MHz / 16QAM



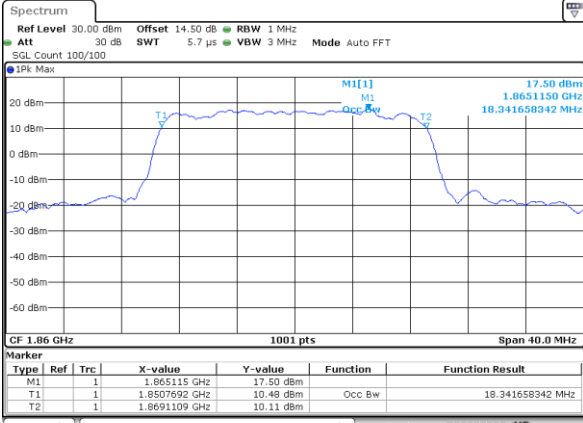
Date: 7,NOV,2018 16:59:59





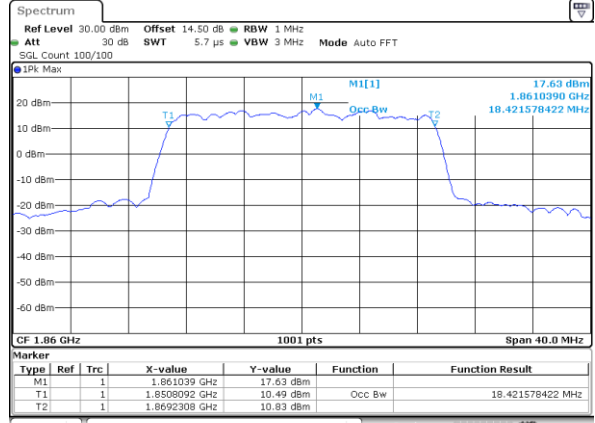
LTE Band 2

Lowest Channel / 20MHz / QPSK



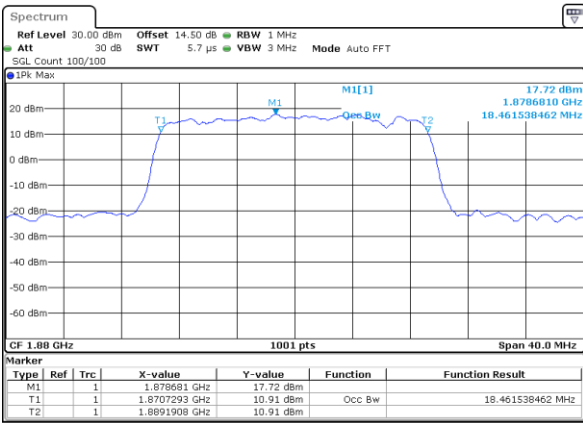
Date: 7,NOV,2018 17:11:12

Lowest Channel / 20MHz / 16QAM



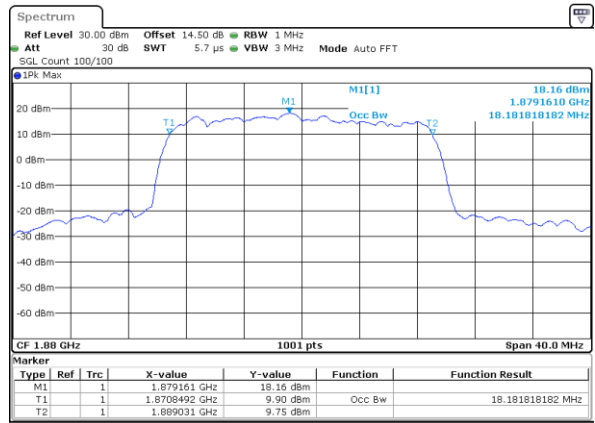
Date: 7,NOV,2018 17:11:23

Middle Channel / 20MHz / QPSK



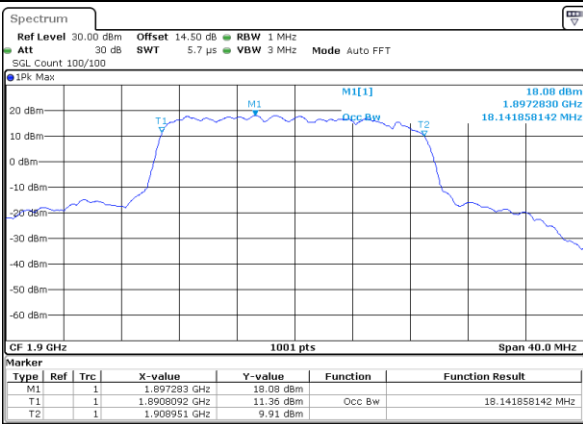
Date: 7,NOV,2018 17:18:23

Middle Channel / 20MHz / 16QAM



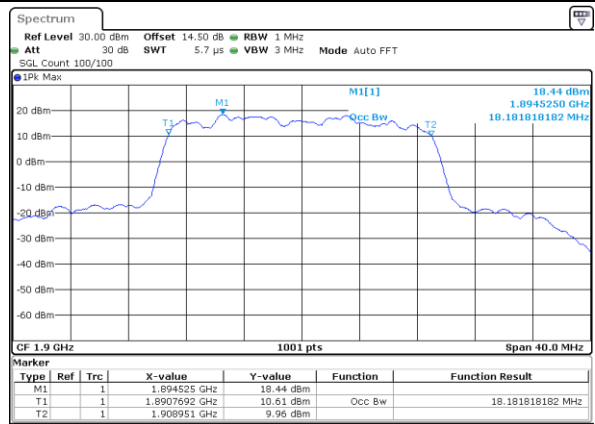
Date: 7,NOV,2018 17:18:33

Highest Channel / 20MHz / QPSK



Date: 7,NOV,2018 17:20:55

Highest Channel / 20MHz / 16QAM

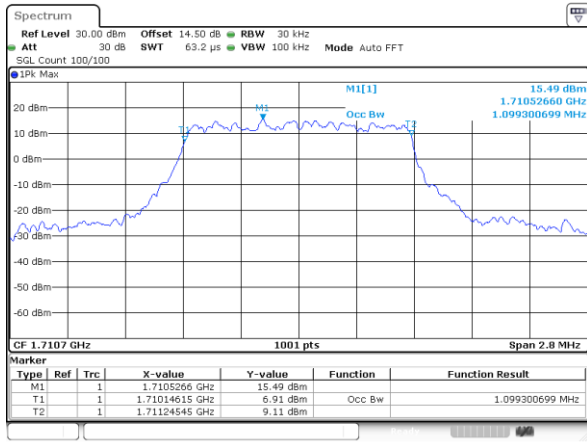


Date: 7,NOV,2018 17:21:06



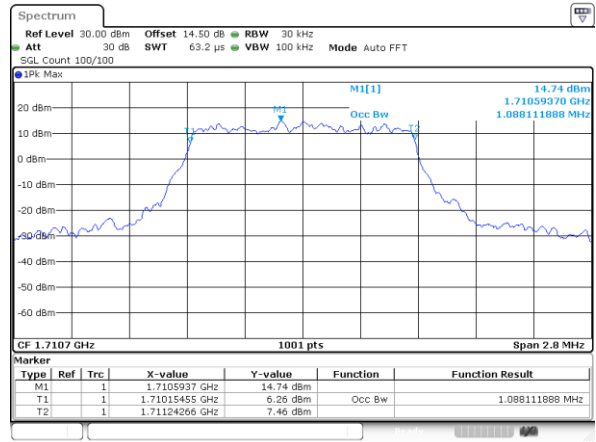
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



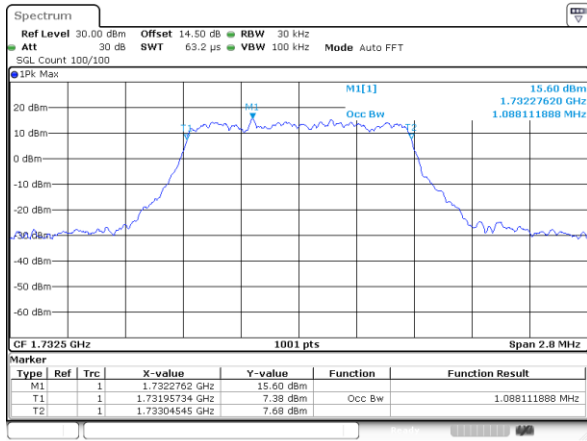
Date: 8.NOV.2018 20:17:44

Lowest Channel / 1.4MHz / 16QAM



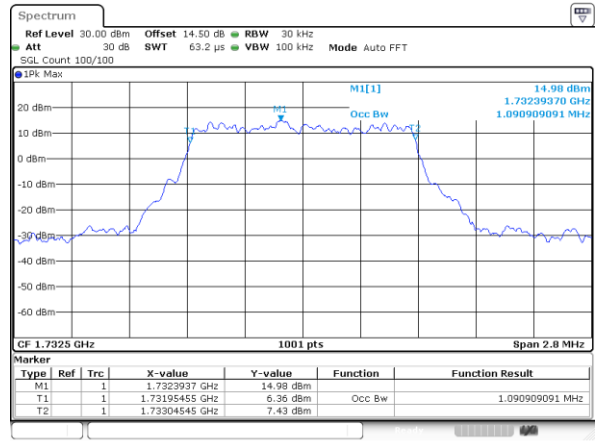
Date: 8.NOV.2018 20:17:55

Middle Channel / 1.4MHz / QPSK



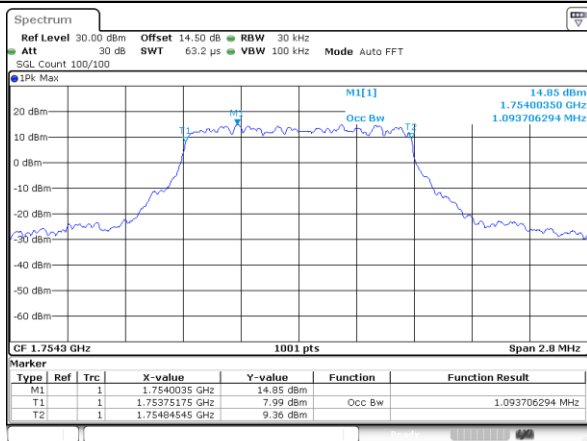
Date: 8.NOV.2018 20:25:21

Middle Channel / 1.4MHz / 16QAM



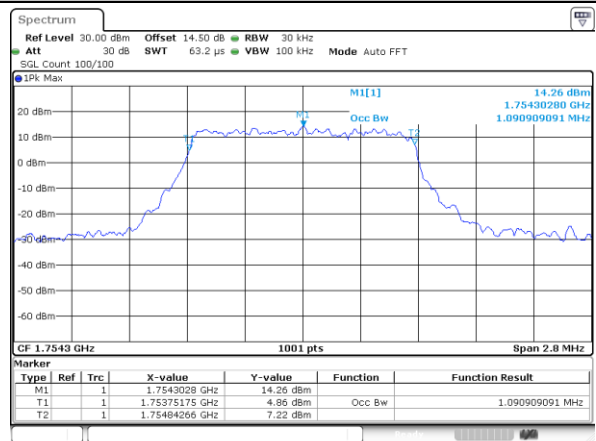
Date: 8.NOV.2018 20:25:31

Highest Channel / 1.4MHz / QPSK



Date: 8.NOV.2018 20:27:53

Highest Channel / 1.4MHz / 16QAM

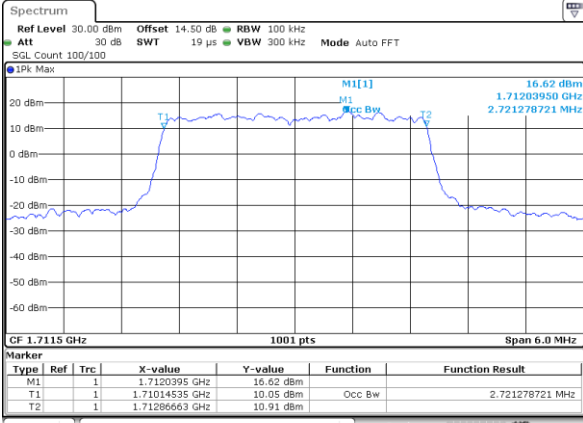


Date: 8.NOV.2018 20:28:04



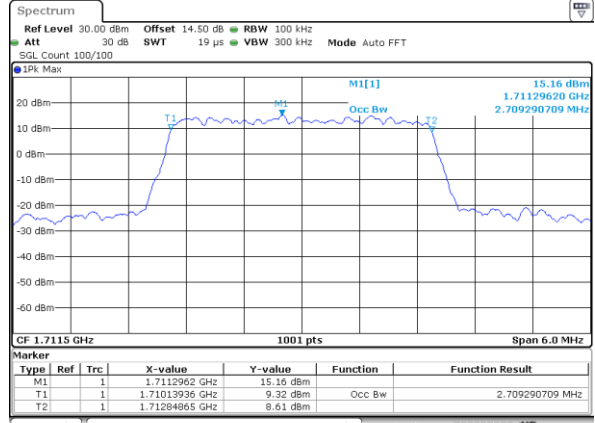
LTE Band 4

Lowest Channel / 3MHz / QPSK



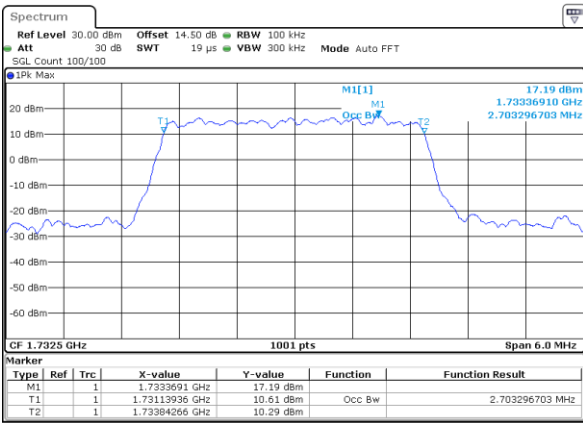
Date: 8,NOV,2018 20:35:01

Lowest Channel / 3MHz / 16QAM



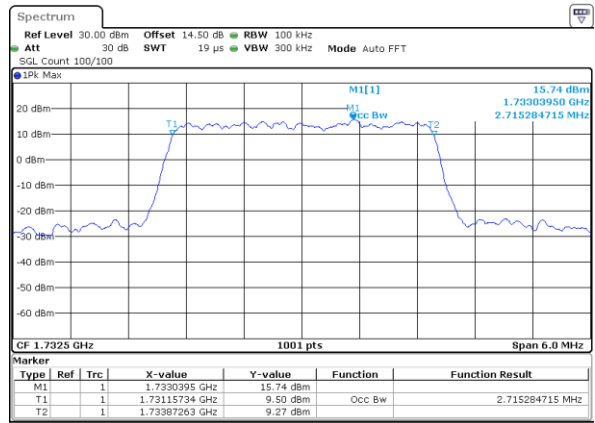
Date: 8,NOV,2018 20:35:12

Middle Channel / 3MHz / QPSK



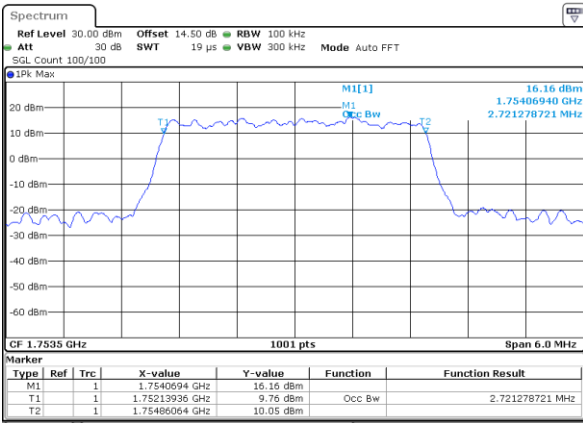
Date: 8,NOV,2018 20:42:09

Middle Channel / 3MHz / 16QAM



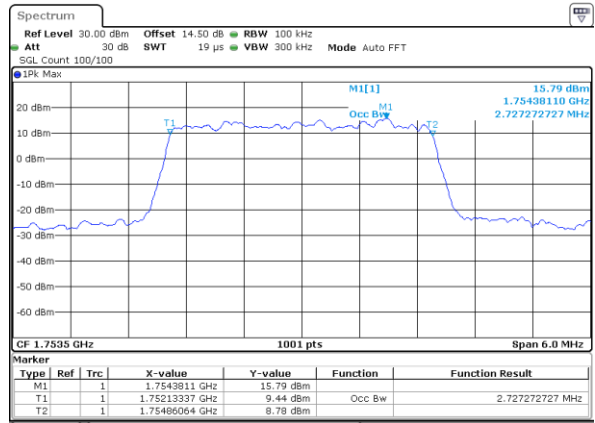
Date: 8,NOV,2018 20:42:20

Highest Channel / 3MHz / QPSK



Date: 8,NOV,2018 20:44:41

Highest Channel / 3MHz / 16QAM

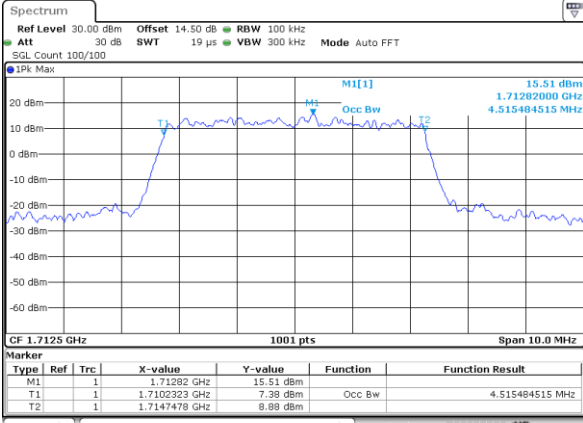


Date: 8,NOV,2018 20:44:52



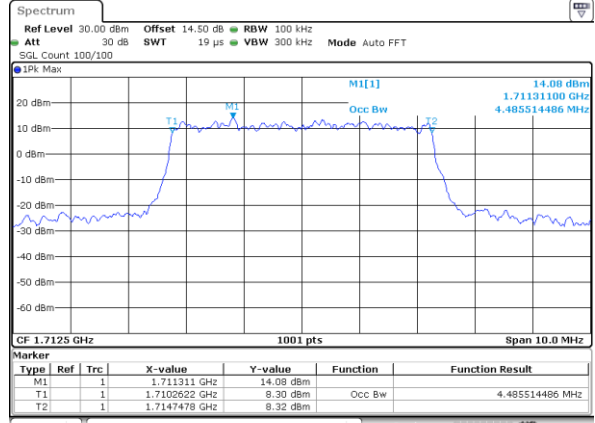
LTE Band 4

Lowest Channel / 5MHz / QPSK



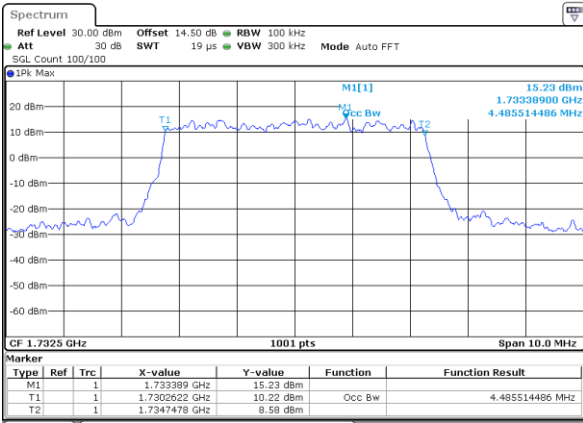
Date: 8,NOV,2018 20:59:18

Lowest Channel / 5MHz / 16QAM



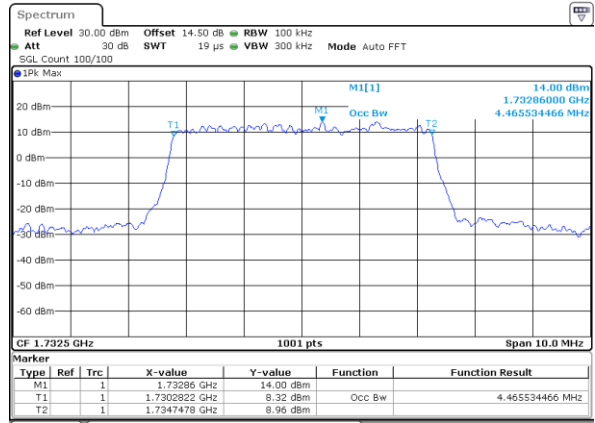
Date: 8,NOV,2018 20:59:29

Middle Channel / 5MHz / QPSK



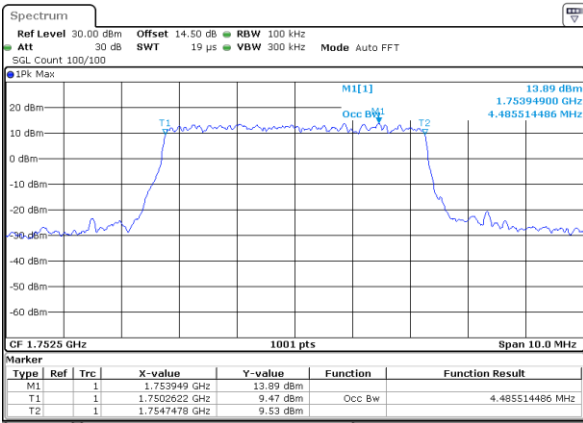
Date: 8,NOV,2018 21:06:26

Middle Channel / 5MHz / 16QAM



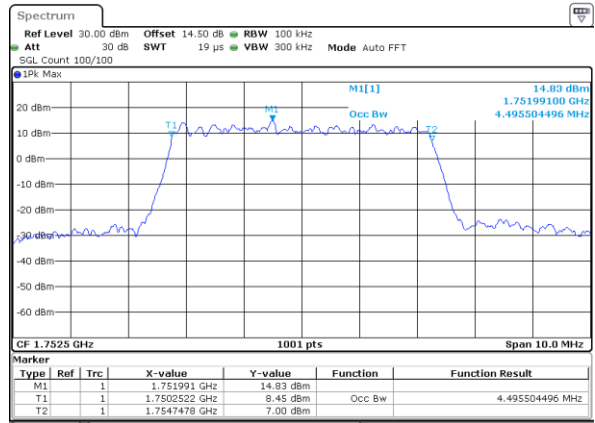
Date: 8,NOV,2018 21:06:36

Highest Channel / 5MHz / QPSK



Date: 8,NOV,2018 21:11:30

Highest Channel / 5MHz / 16QAM

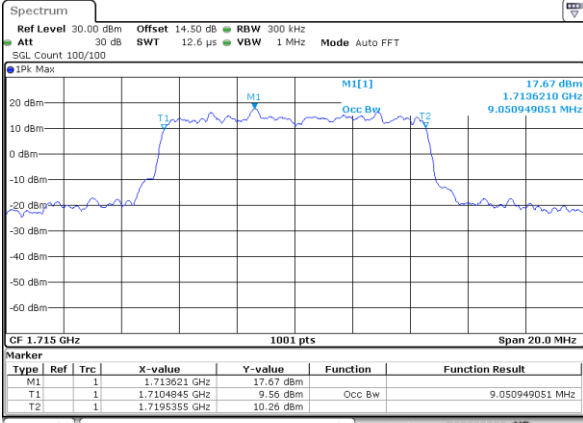


Date: 8,NOV,2018 21:12:40



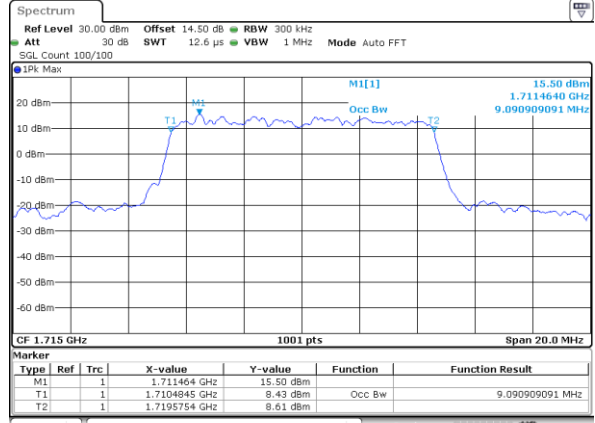
LTE Band 4

Lowest Channel / 10MHz / QPSK



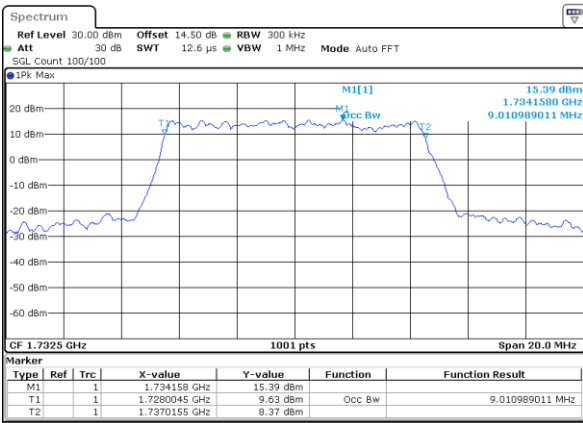
Date: 8,NOV,2018 21:19:37

Lowest Channel / 10MHz / 16QAM



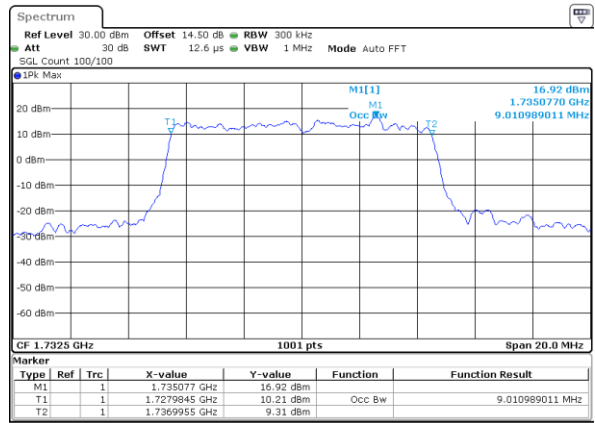
Date: 8,NOV,2018 21:19:48

Middle Channel / 10MHz / QPSK



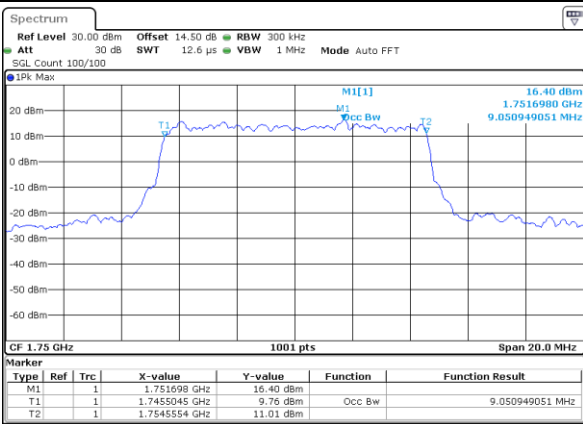
Date: 8,NOV,2018 21:26:45

Middle Channel / 10MHz / 16QAM



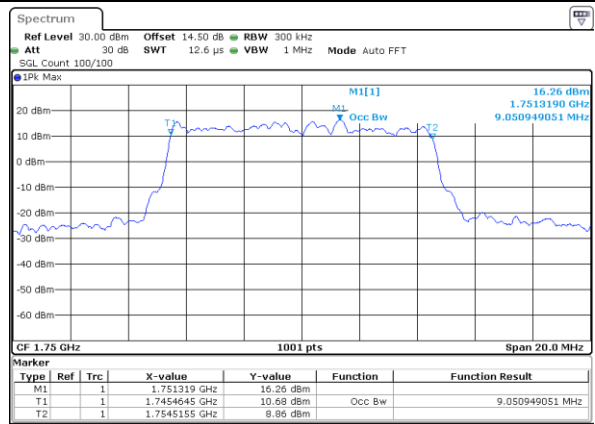
Date: 8,NOV,2018 21:26:55

Highest Channel / 10MHz / QPSK



Date: 8,NOV,2018 21:29:17

Highest Channel / 10MHz / 16QAM

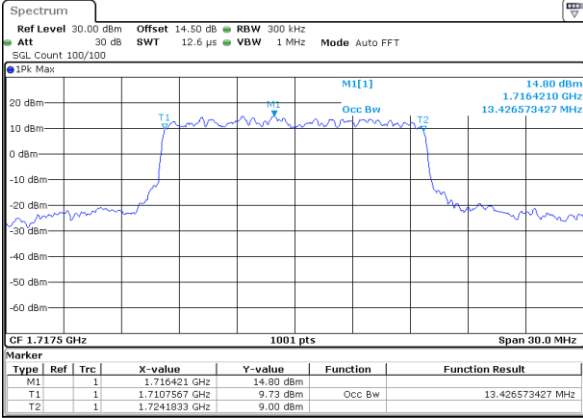


Date: 8,NOV,2018 21:29:27



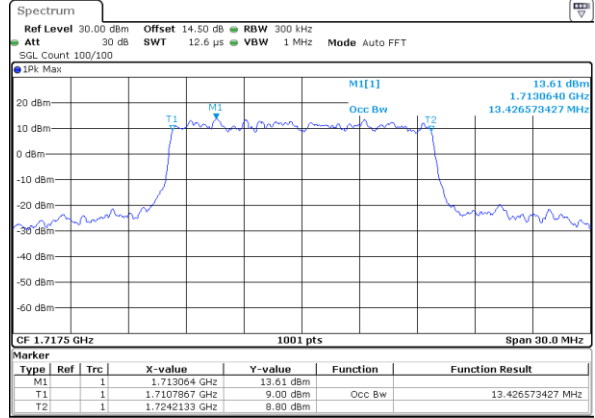
LTE Band 4

Lowest Channel / 15MHz / QPSK



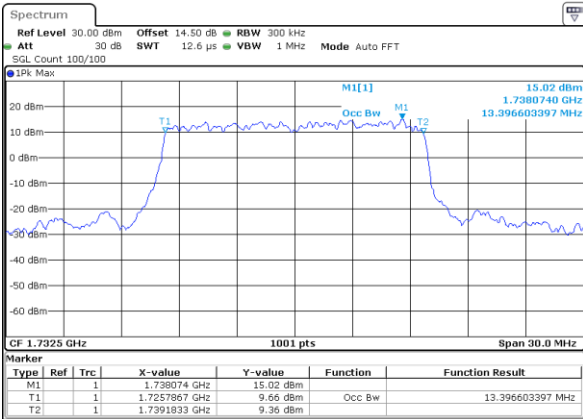
Date: 8,NOV,2018 21:36:24

Lowest Channel / 15MHz / 16QAM



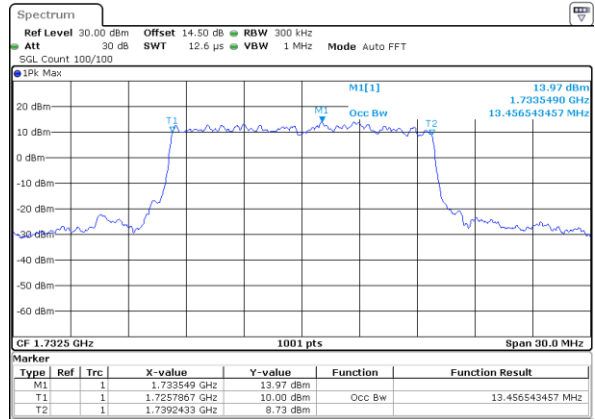
Date: 8,NOV,2018 21:36:34

Middle Channel / 15MHz / QPSK



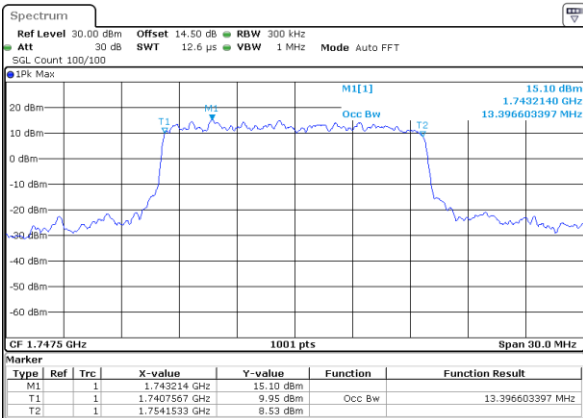
Date: 8,NOV,2018 21:43:32

Middle Channel / 15MHz / 16QAM



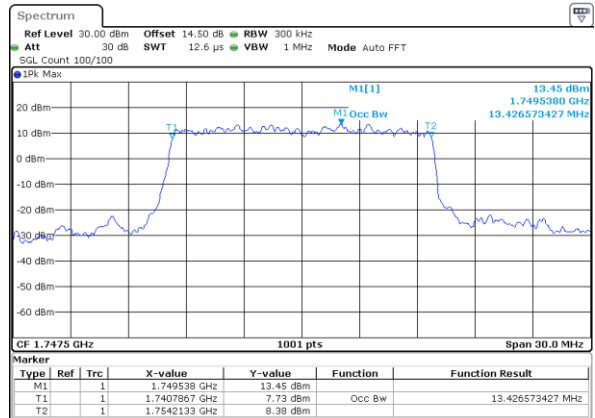
Date: 8,NOV,2018 21:43:42

Highest Channel / 15MHz / QPSK



Date: 8,NOV,2018 21:46:03

Highest Channel / 15MHz / 16QAM

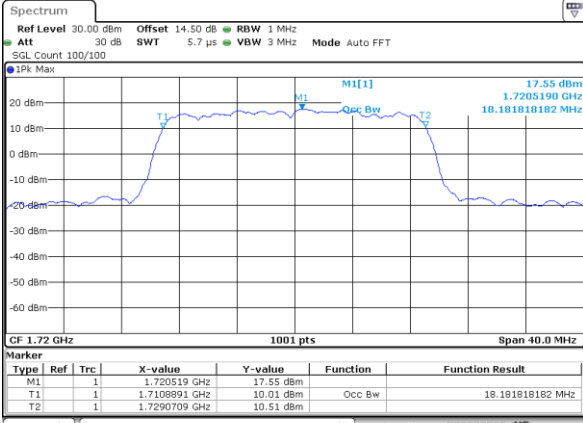


Date: 8,NOV,2018 21:46:13



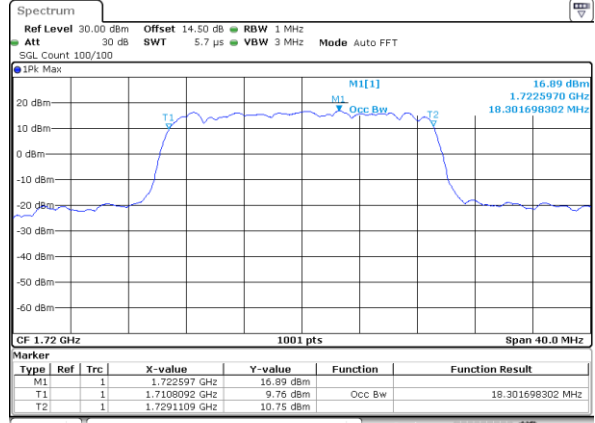
LTE Band 4

Lowest Channel / 20MHz / QPSK



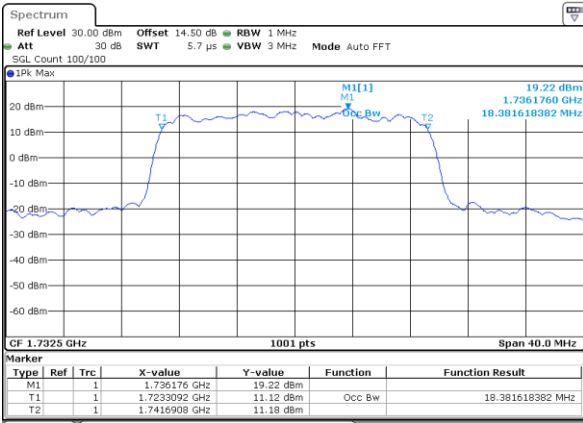
Date: 8,NOV,2018 21:53:11

Lowest Channel / 20MHz / 16QAM



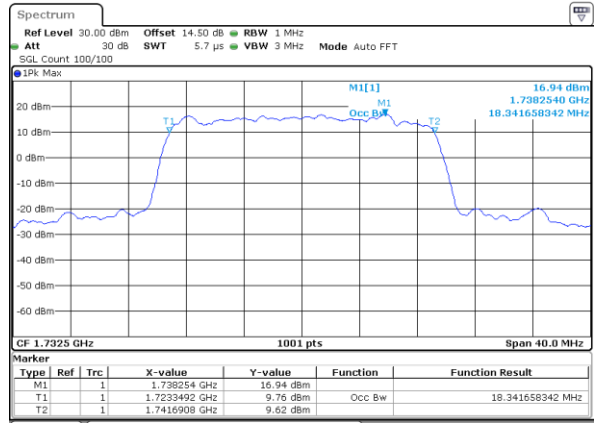
Date: 8,NOV,2018 21:53:21

Middle Channel / 20MHz / QPSK



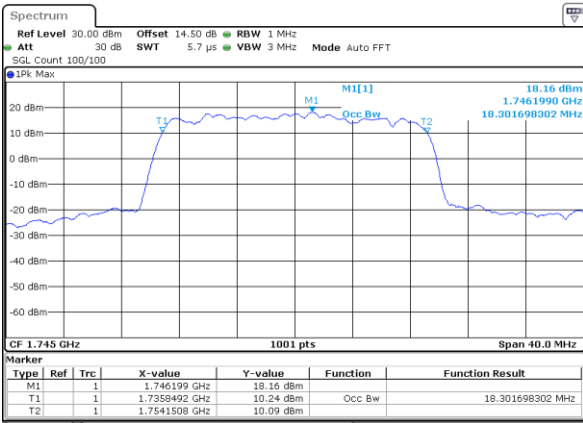
Date: 8,NOV,2018 22:00:18

Middle Channel / 20MHz / 16QAM



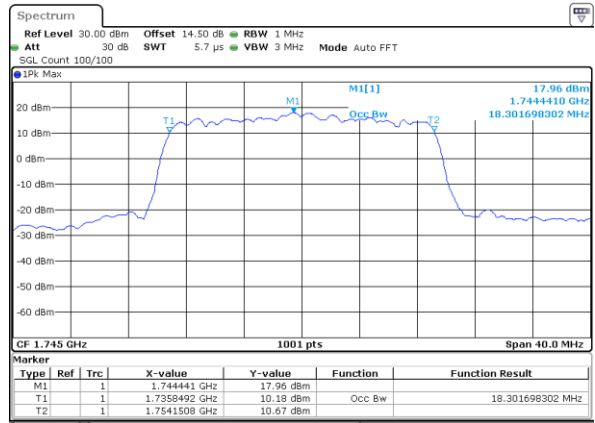
Date: 8,NOV,2018 22:00:28

Highest Channel / 20MHz / QPSK



Date: 8,NOV,2018 22:02:50

Highest Channel / 20MHz / 16QAM

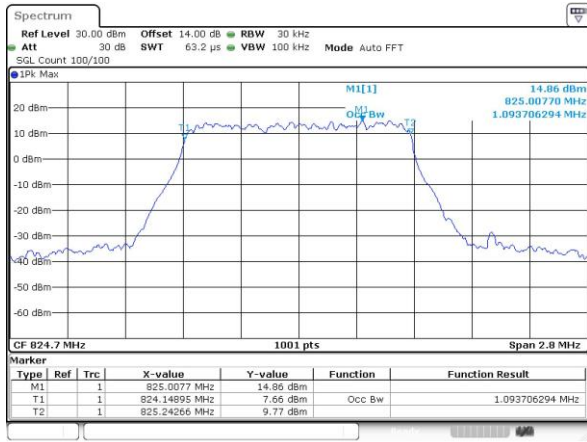


Date: 8,NOV,2018 22:03:00



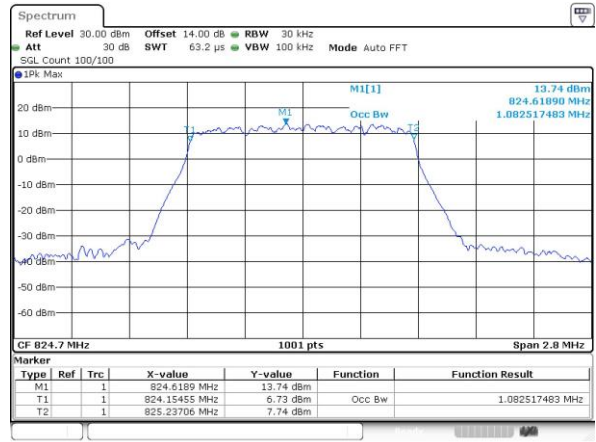
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



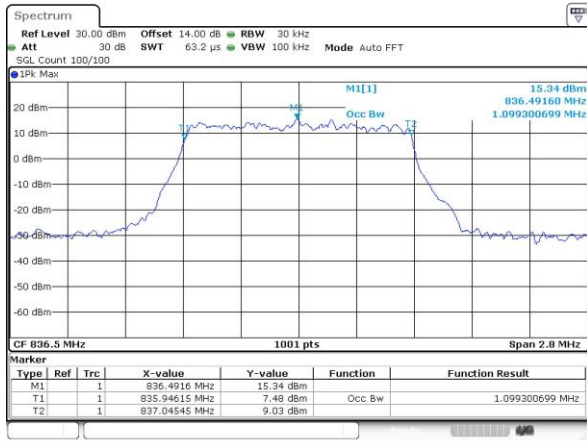
Date: 8,NOV,2018 14:57:08

Lowest Channel / 1.4MHz / 16QAM



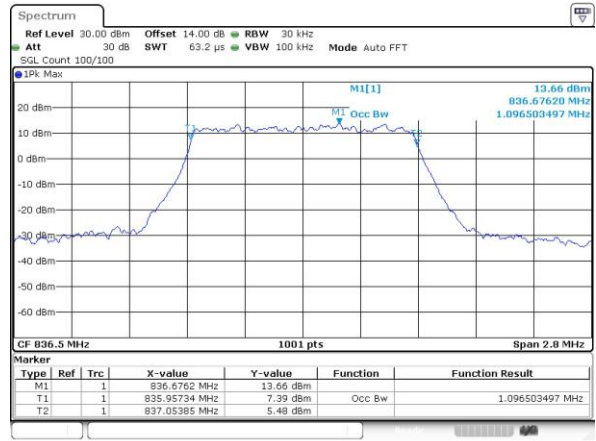
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Middle Channel / 1.4MHz / QPSK



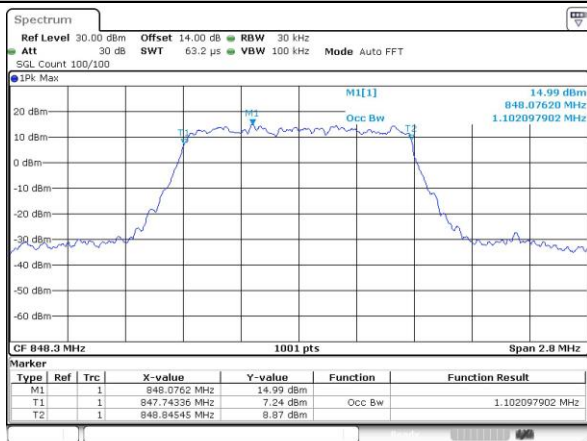
Date: 8,NOV,2018 15:34:15

Middle Channel / 1.4MHz / 16QAM



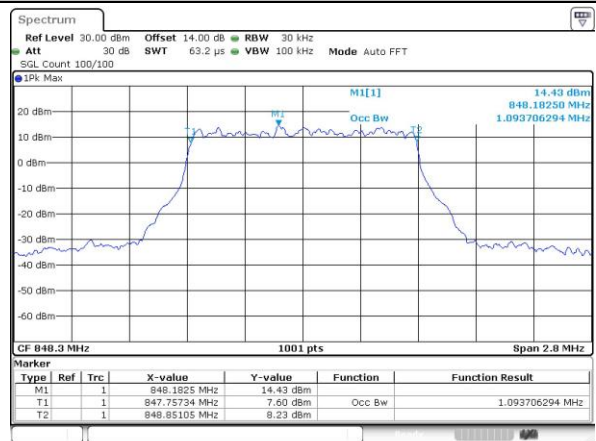
Date: 8,NOV,2018 15:34:27

Highest Channel / 1.4MHz / QPSK



Date: 8,NOV,2018 15:39:16

Highest Channel / 1.4MHz / 16QAM



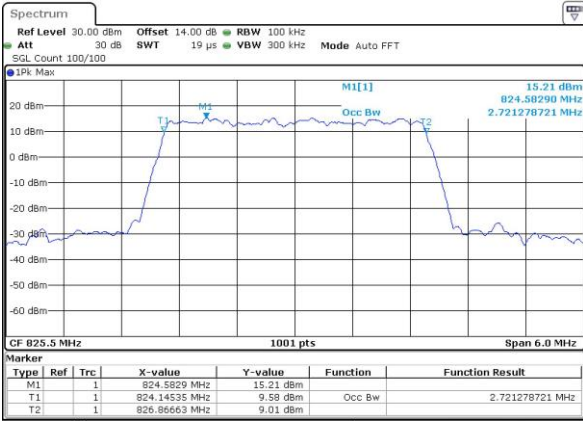
Date: 8,NOV,2018 15:39:28





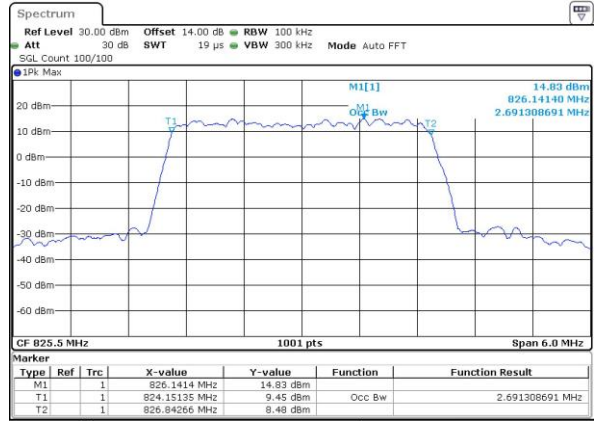
LTE Band 5

Lowest Channel / 3MHz / QPSK



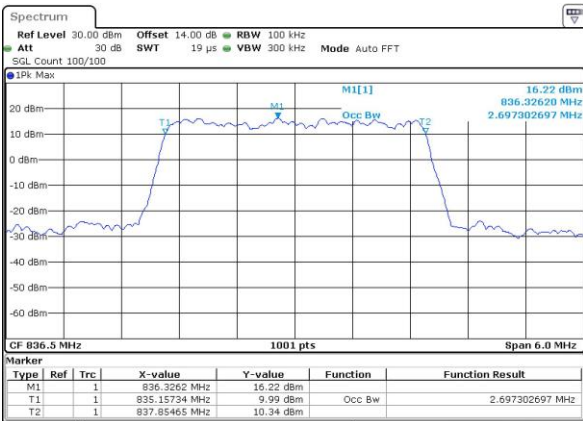
Date: 8,NOV,2018 15:54:27

Lowest Channel / 3MHz / 16QAM



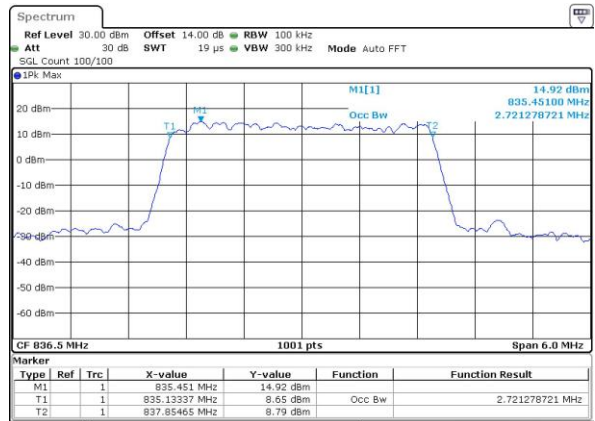
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Middle Channel / 3MHz / QPSK



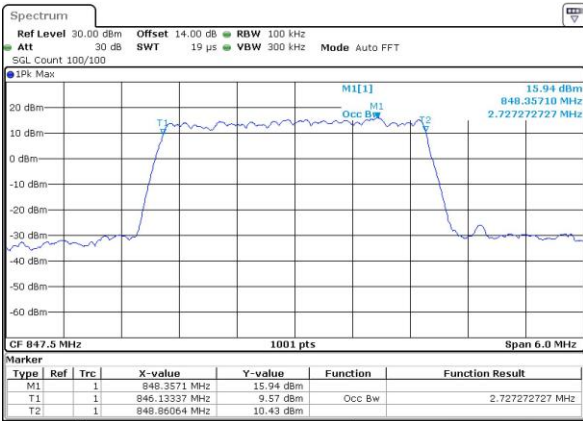
Date: 8,NOV,2018 16:01:56

Middle Channel / 3MHz / 16QAM



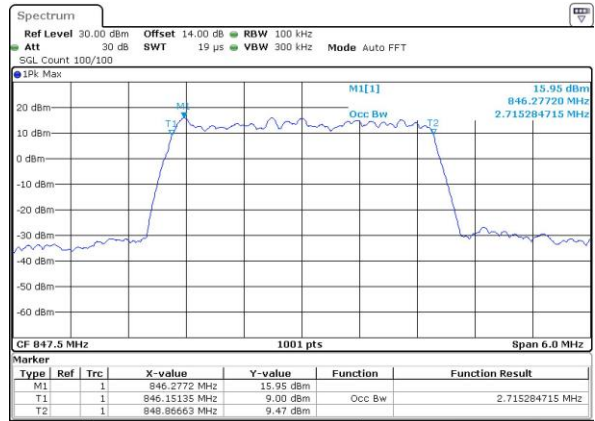
Date: 8,NOV,2018 16:02:08

Highest Channel / 3MHz / QPSK



Date: 8,NOV,2018 16:02:42

Highest Channel / 3MHz / 16QAM

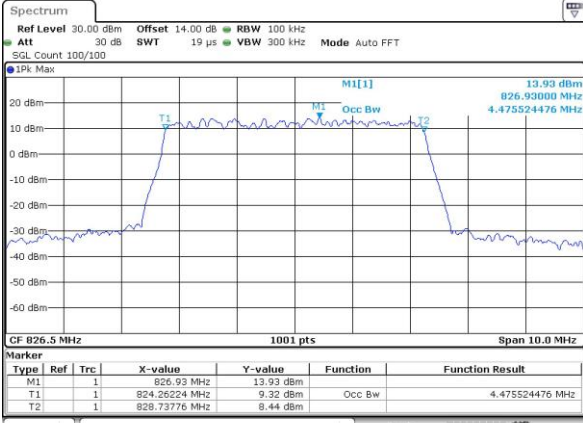


Date: 8,NOV,2018 16:02:54



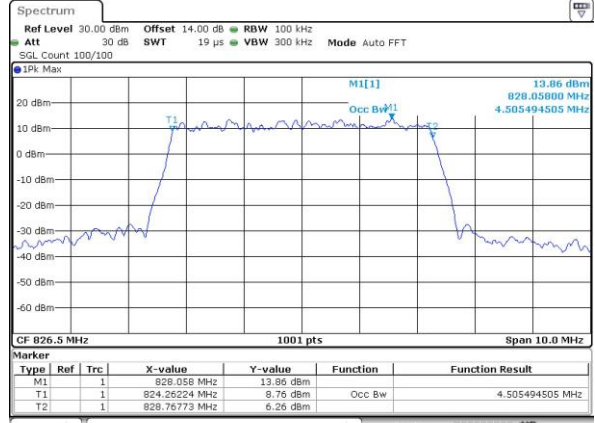
LTE Band 5

Lowest Channel / 5MHz / QPSK



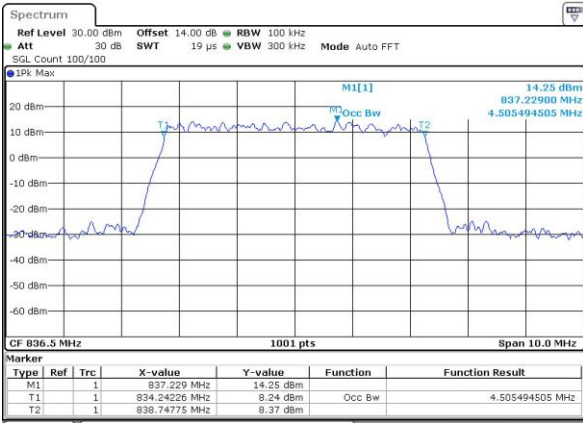
Date: 8,NOV,2018 16:29:40

Lowest Channel / 5MHz / 16QAM



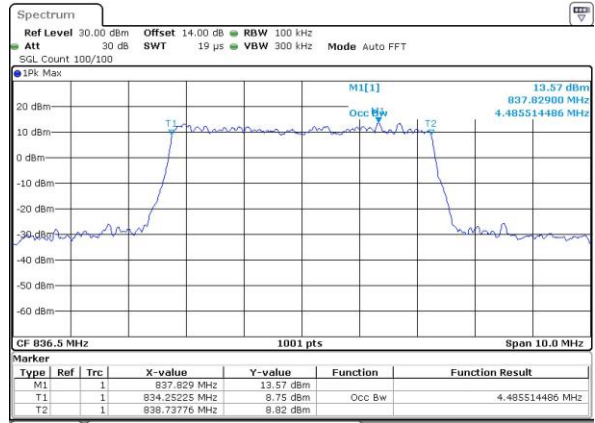
Date: 8,NOV,2018 16:29:52

Middle Channel / 5MHz / QPSK



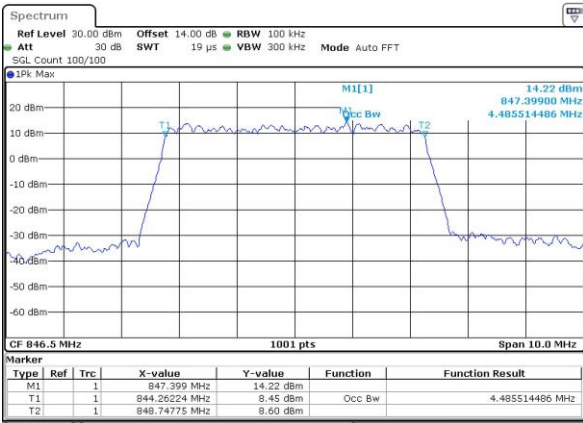
Date: 8,NOV,2018 16:37:10

Middle Channel / 5MHz / 16QAM



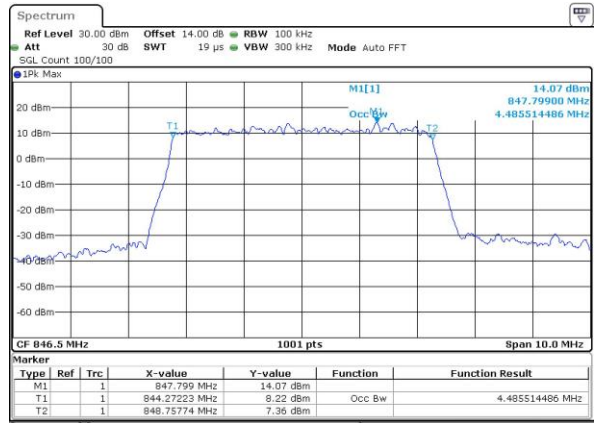
Date: 8,NOV,2018 16:37:21

Highest Channel / 5MHz / QPSK



Date: 8,NOV,2018 16:37:56

Highest Channel / 5MHz / 16QAM

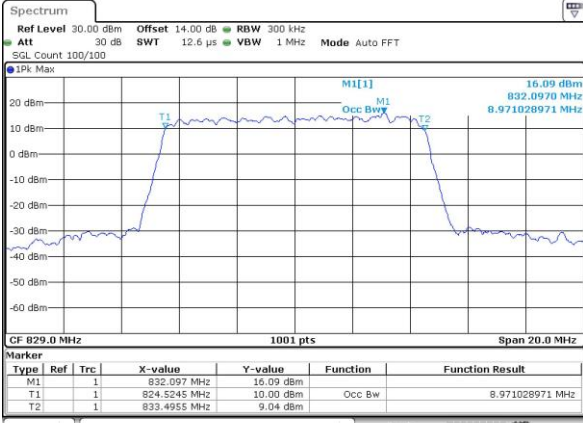


Date: 8,NOV,2018 16:38:07



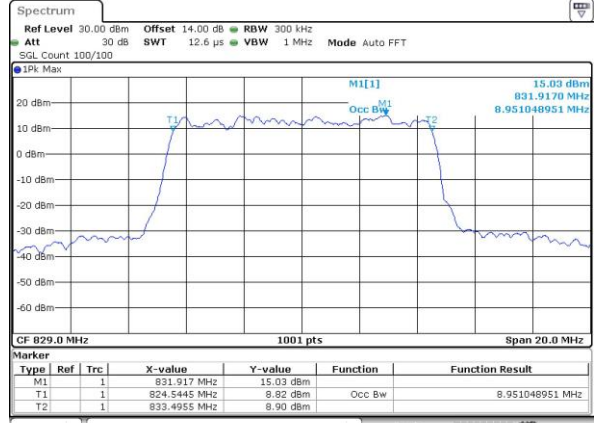
LTE Band 5

Lowest Channel / 10MHz / QPSK



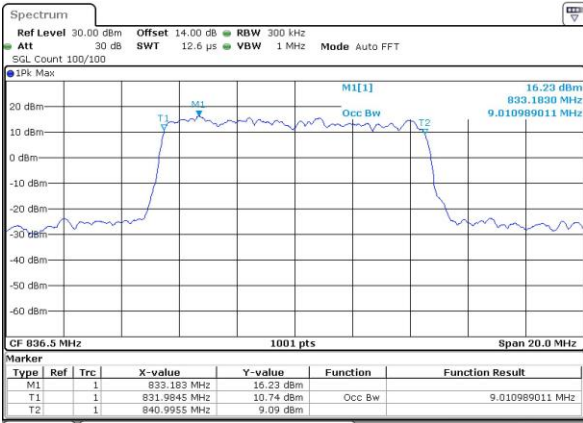
Date: 8.NOV.2018 16:52:42

Lowest Channel / 10MHz / 16QAM



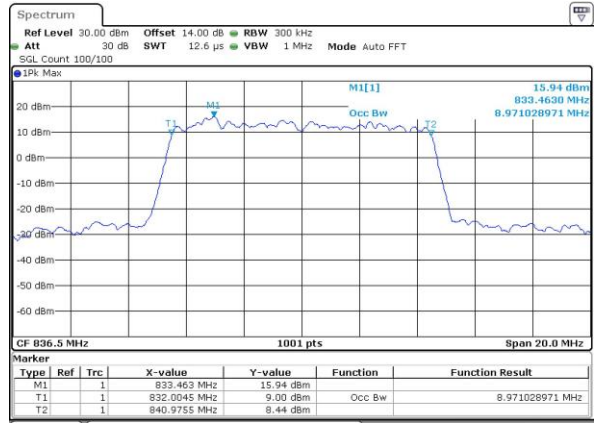
Date: 8.NOV.2018 16:52:53

Middle Channel / 10MHz / QPSK



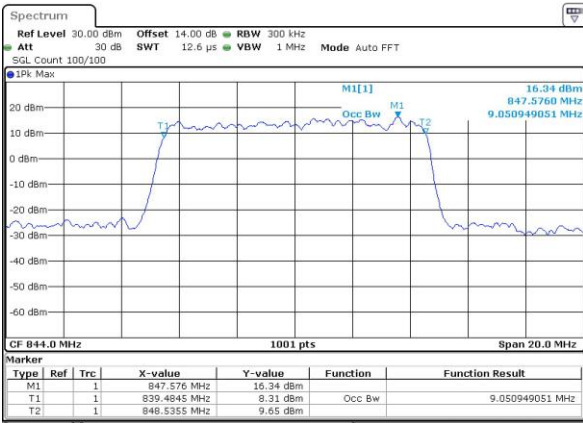
Date: 8.NOV.2018 17:00:11

Middle Channel / 10MHz / 16QAM



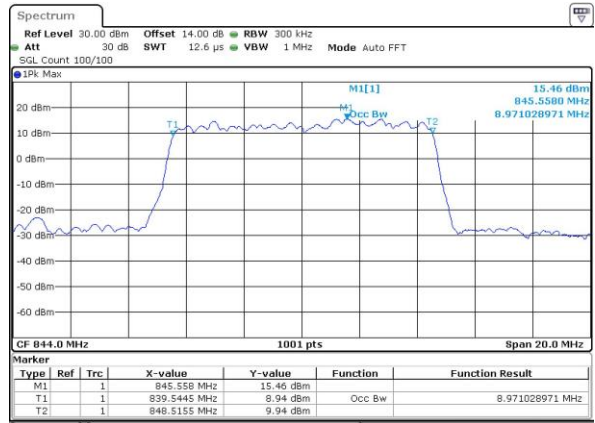
Date: 8.NOV.2018 17:00:22

Highest Channel / 10MHz / QPSK



Date: 8.NOV.2018 17:00:56

Highest Channel / 10MHz / 16QAM

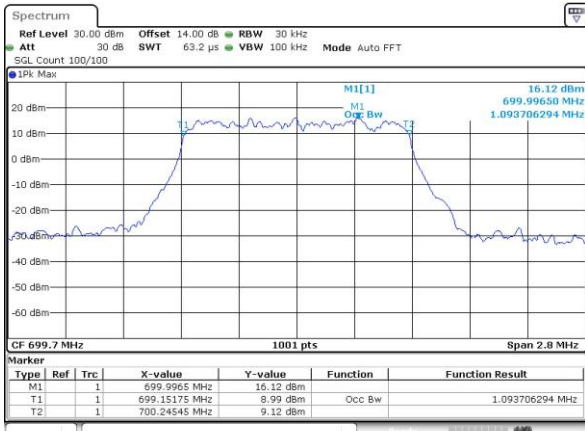


Date: 8.NOV.2018 17:01:08



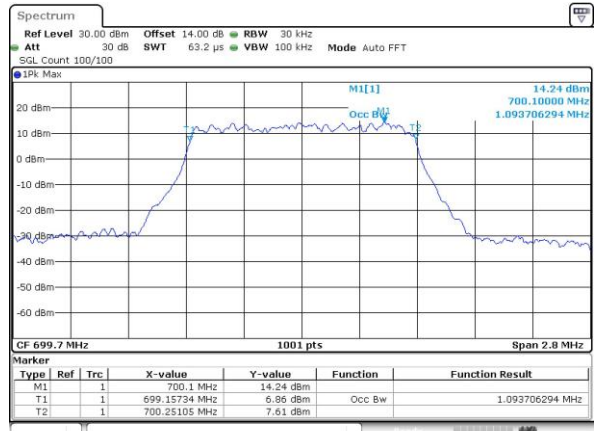
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



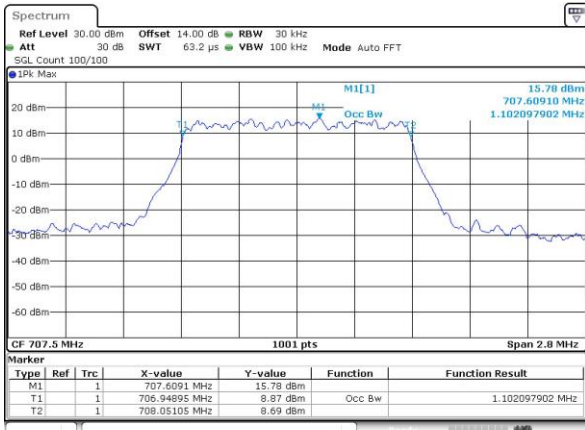
Date: 9,NOV,2018 08:45:22

Lowest Channel / 1.4MHz / 16QAM



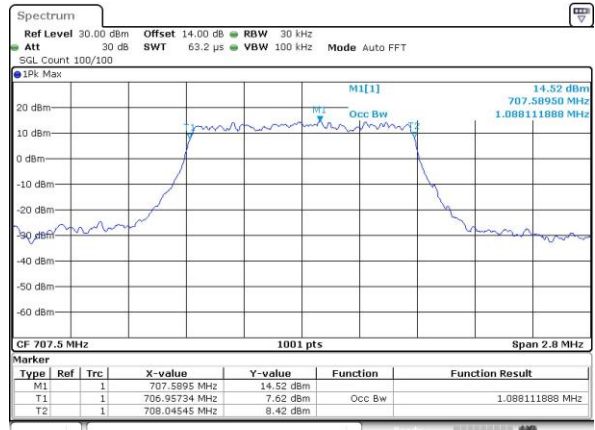
Date: 9,NOV,2018 08:45:33

Middle Channel / 1.4MHz / QPSK



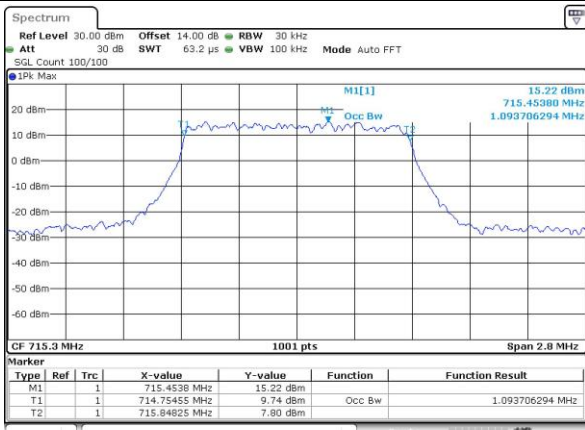
Date: 9,NOV,2018 08:50:40

Middle Channel / 1.4MHz / 16QAM



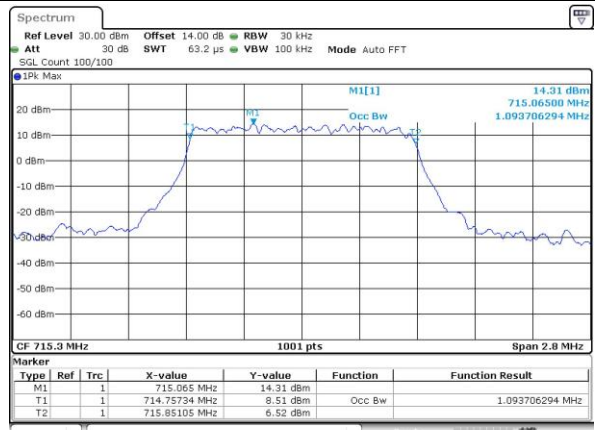
Date: 9,NOV,2018 08:50:51

Highest Channel / 1.4MHz / QPSK



Date: 9,NOV,2018 09:43:35

Highest Channel / 1.4MHz / 16QAM

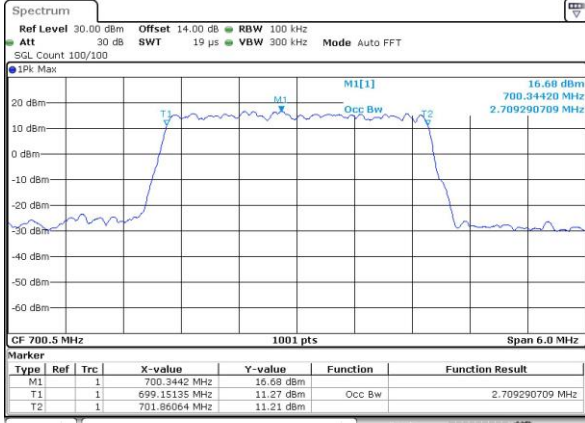


Date: 9,NOV,2018 08:53:09



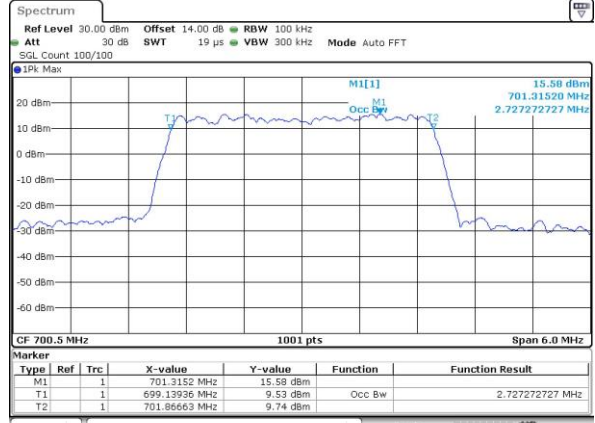
LTE Band 12

Lowest Channel / 3MHz / QPSK



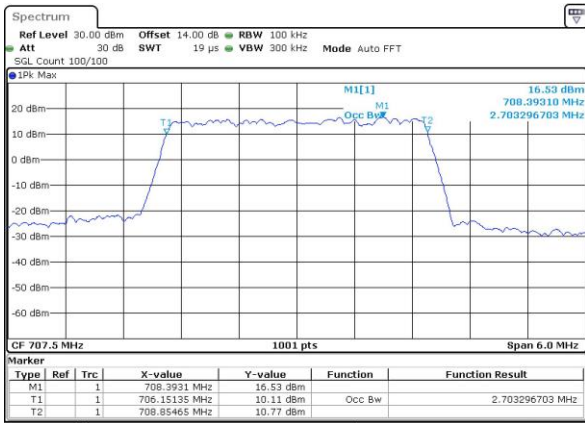
Date: 9,NOV,2018 09:03:50

Lowest Channel / 3MHz / 16QAM



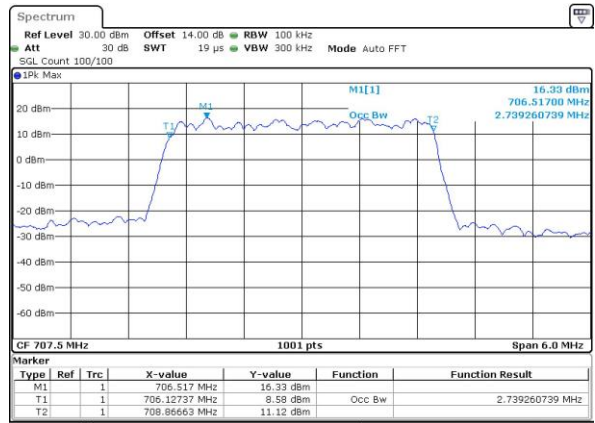
Date: 9,NOV,2018 09:04:02

Middle Channel / 3MHz / QPSK



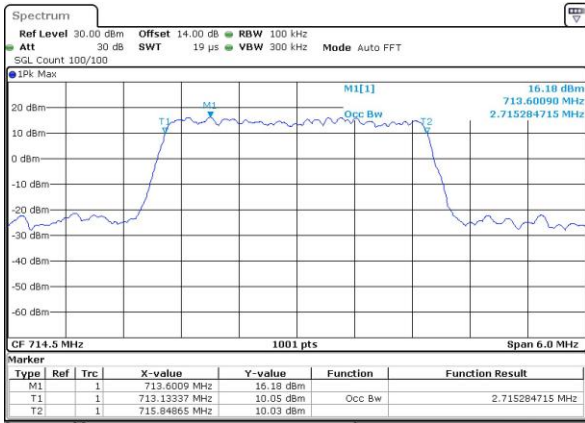
Date: 9,NOV,2018 09:06:52

Middle Channel / 3MHz / 16QAM



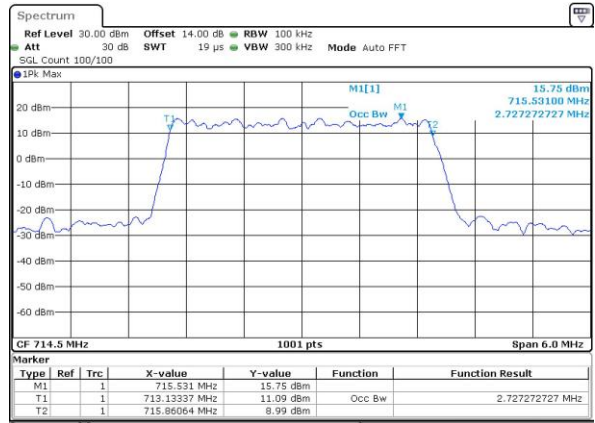
Date: 9,NOV,2018 09:07:03

Highest Channel / 3MHz / QPSK



Date: 9,NOV,2018 09:07:37

Highest Channel / 3MHz / 16QAM

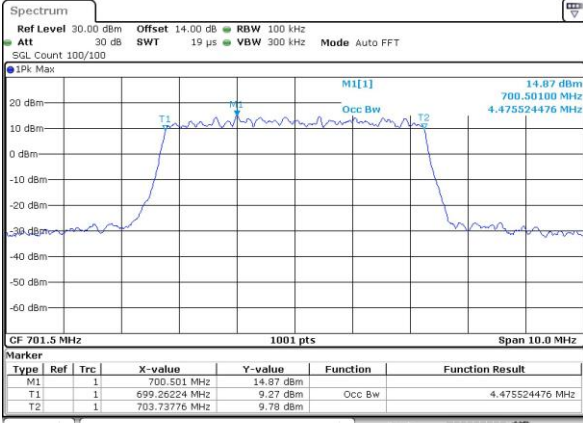


Date: 9,NOV,2018 09:07:49



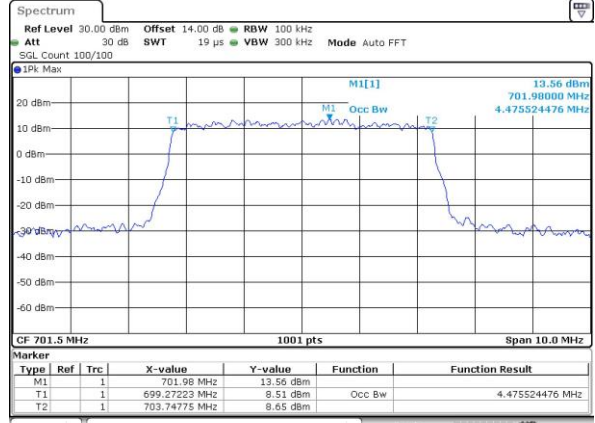
LTE Band 12

Lowest Channel / 5MHz / QPSK



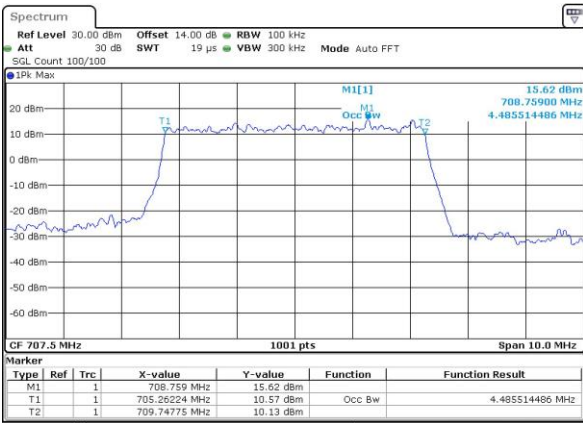
Date: 9,NOV,2018 09:44:04

Lowest Channel / 5MHz / 16QAM



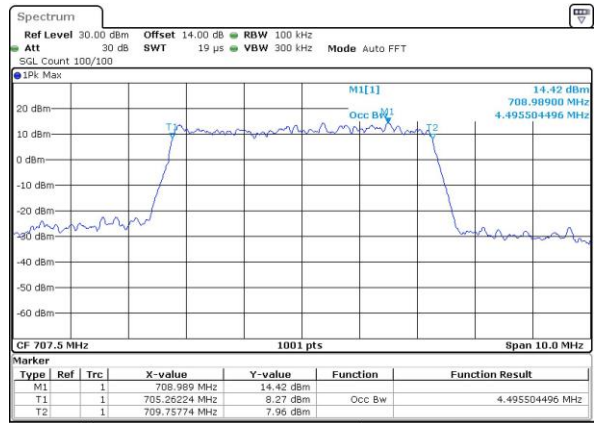
Date: 9,NOV,2018 09:44:15

Middle Channel / 5MHz / QPSK



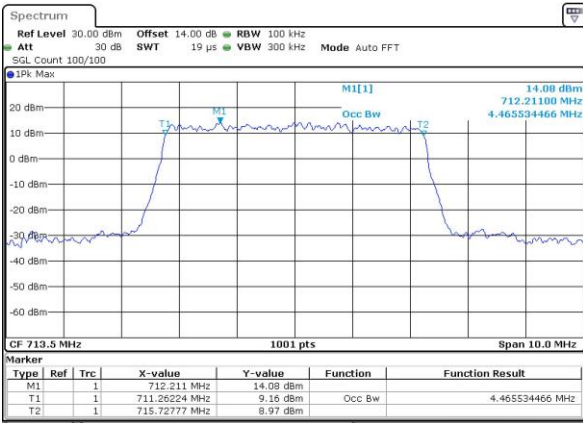
Date: 9,NOV,2018 09:47:04

Middle Channel / 5MHz / 16QAM



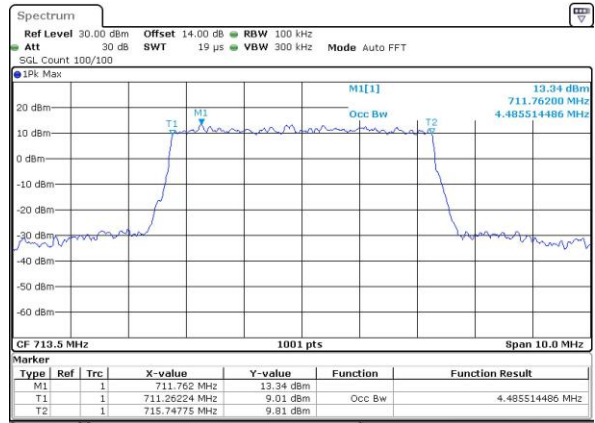
Date: 9,NOV,2018 09:47:16

Highest Channel / 5MHz / QPSK



Date: 9,NOV,2018 09:47:50

Highest Channel / 5MHz / 16QAM



Date: 9,NOV,2018 09:48:01