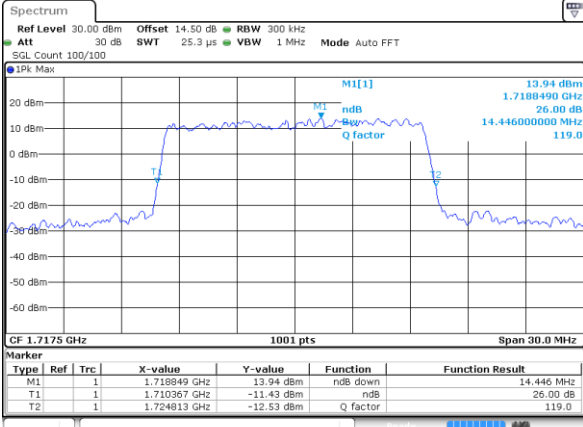




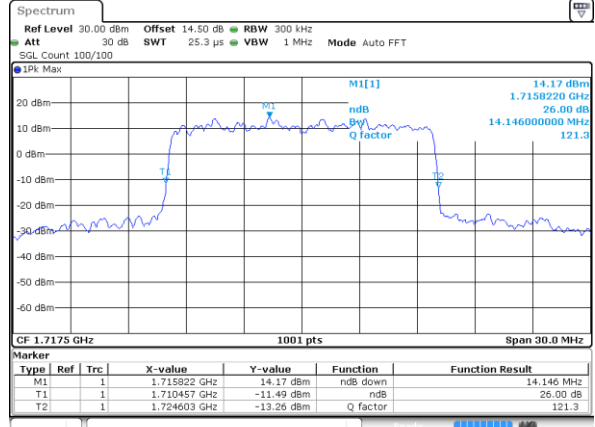
LTE Band 4

Lowest Channel / 15MHz / QPSK



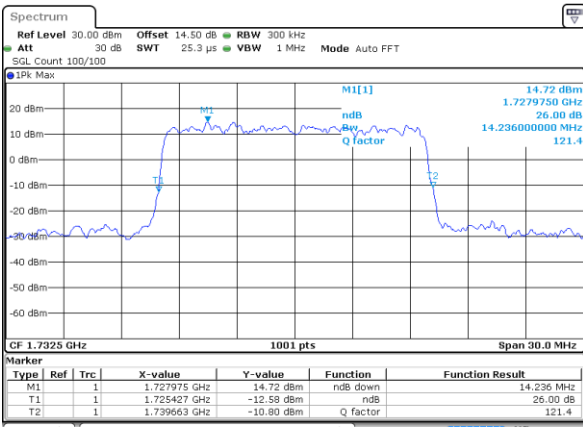
Date: 8 MAR 2018 10:14:53

Lowest Channel / 15MHz / 16QAM



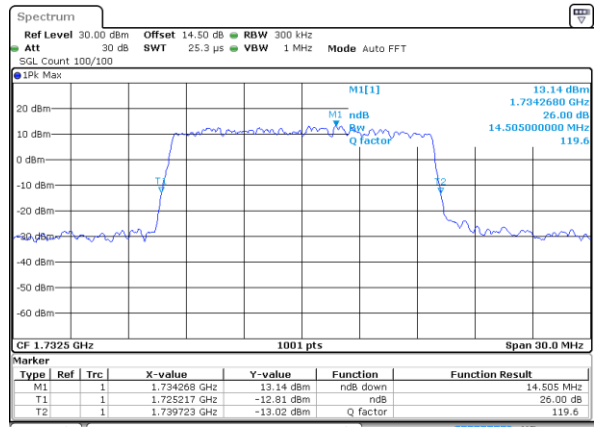
Date: 8 MAR 2018 10:15:03

Middle Channel / 15MHz / QPSK



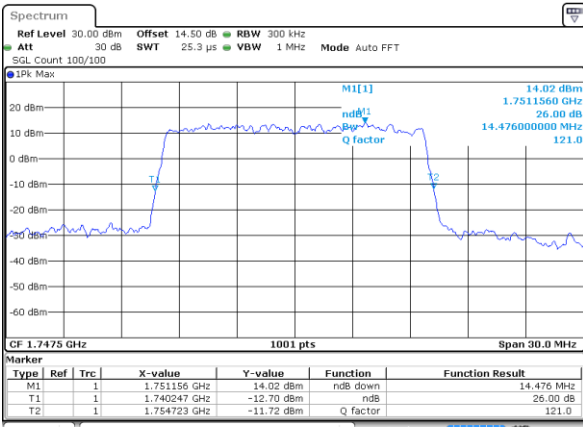
Date: 8 MAR 2018 10:21:51

Middle Channel / 15MHz / 16QAM



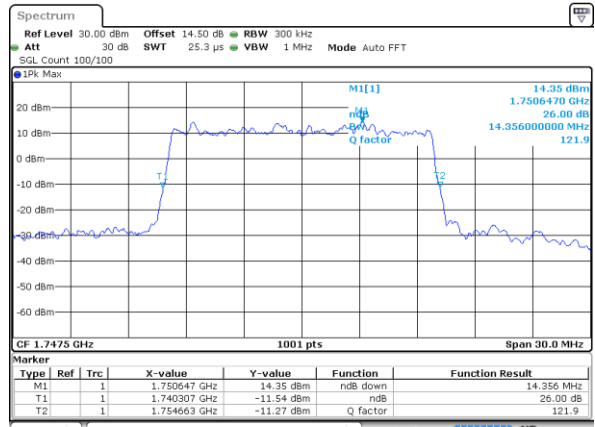
Date: 8 MAR 2018 10:22:01

Highest Channel / 15MHz / QPSK



Date: 8 MAR 2018 10:24:17

Highest Channel / 15MHz / 16QAM

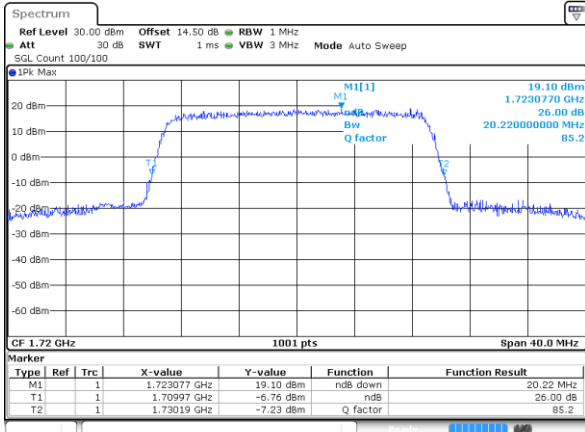


Date: 8 MAR 2018 10:24:27



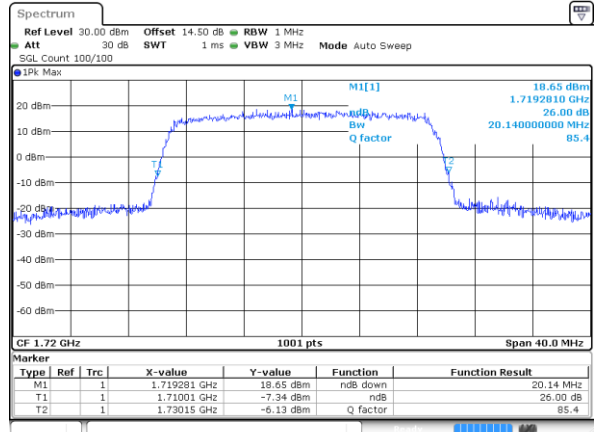
LTE Band 4

Lowest Channel / 20MHz / QPSK



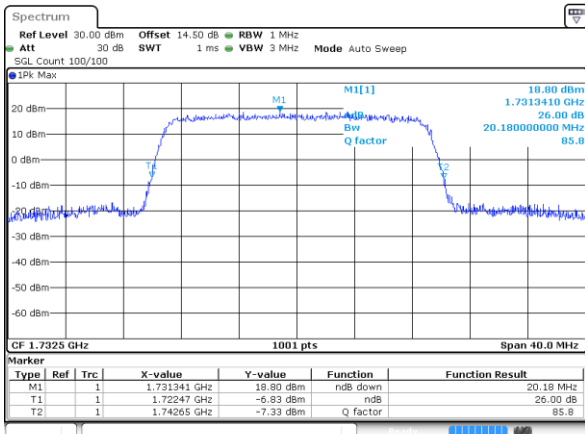
Date: 8 MAR 2018 10:31:15

Lowest Channel / 20MHz / 16QAM



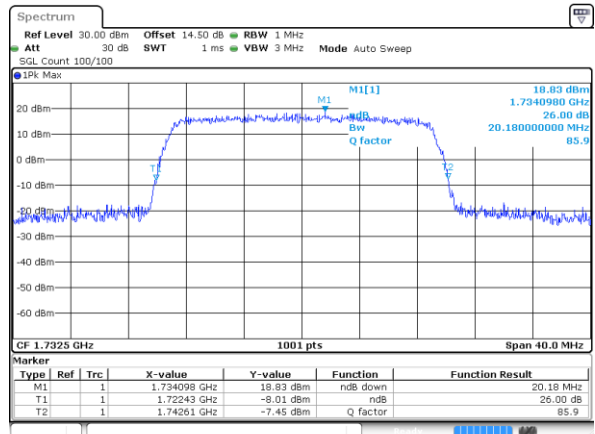
Date: 8 MAR 2018 10:31:25

Middle Channel / 20MHz / QPSK



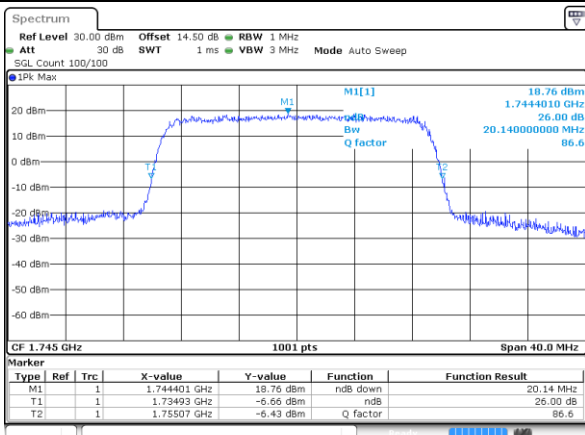
Date: 8 MAR 2018 10:38:12

Middle Channel / 20MHz / 16QAM



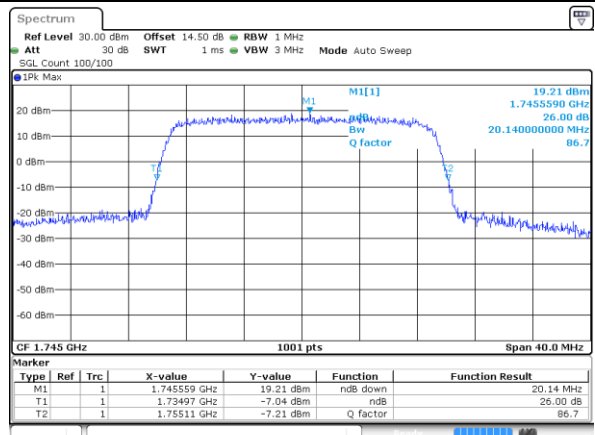
Date: 8 MAR 2018 10:38:22

Highest Channel / 20MHz / QPSK



Date: 8 MAR 2018 10:40:38

Highest Channel / 20MHz / 16QAM

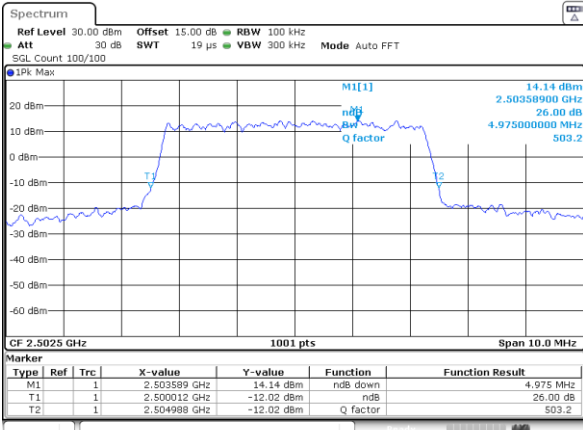


Date: 8 MAR 2018 10:40:48



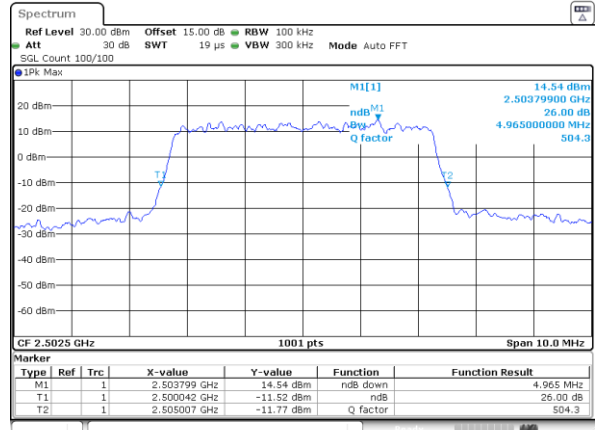
LTE Band 7

Lowest Channel / 5MHz / QPSK



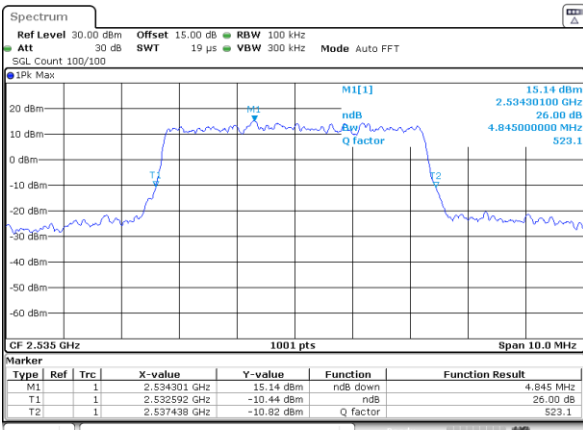
Date: 7\_MAR\_2018 15:18:38

Lowest Channel / 5MHz / 16QAM



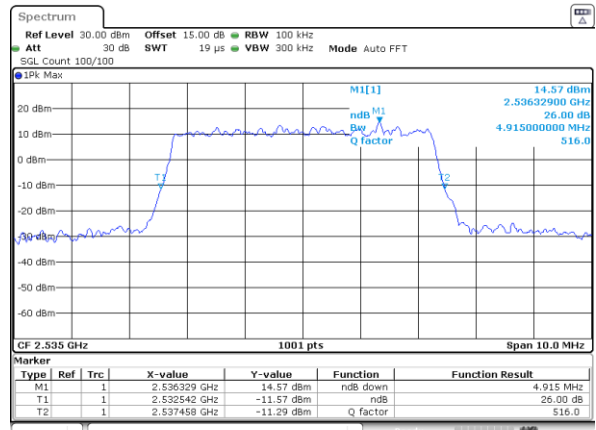
Date: 7\_MAR\_2018 15:18:48

Middle Channel / 5MHz / QPSK



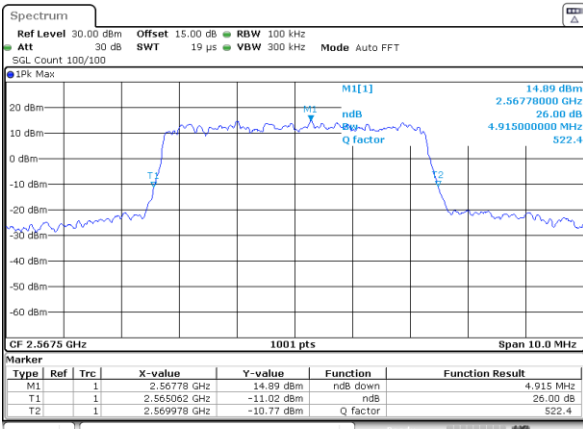
Date: 7\_MAR\_2018 15:25:48

Middle Channel / 5MHz / 16QAM



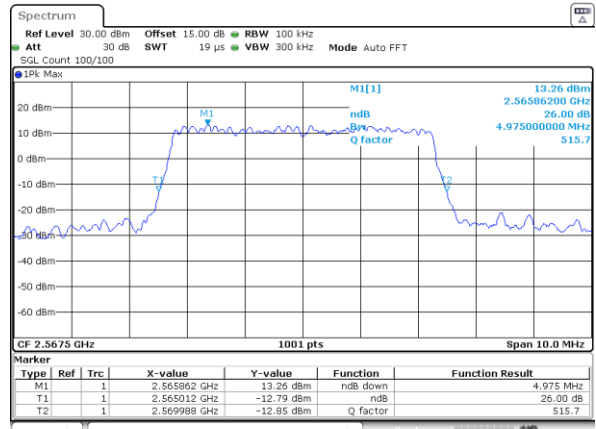
Date: 7\_MAR\_2018 15:25:58

Highest Channel / 5MHz / QPSK



Date: 7\_MAR\_2018 15:28:17

Highest Channel / 5MHz / 16QAM

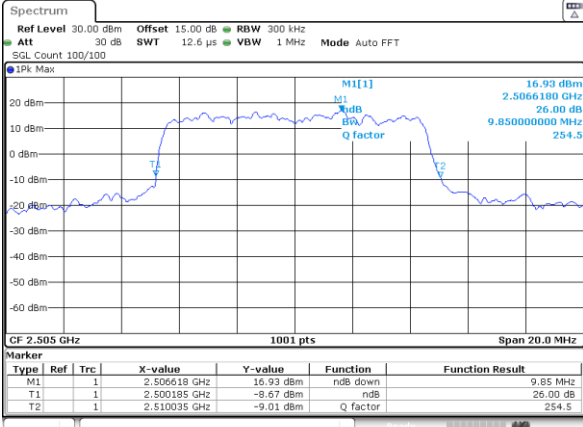


Date: 7\_MAR\_2018 15:28:28



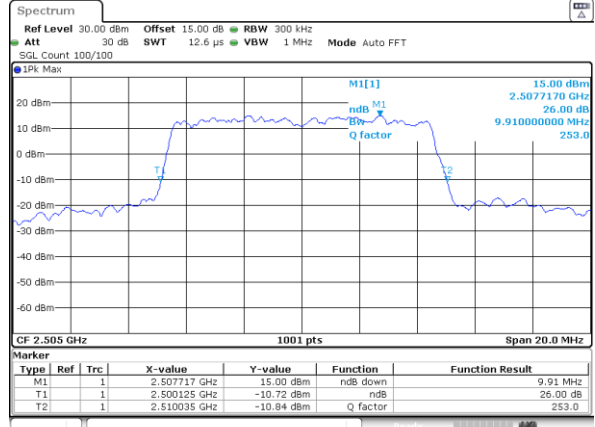
LTE Band 7

Lowest Channel / 10MHz / QPSK



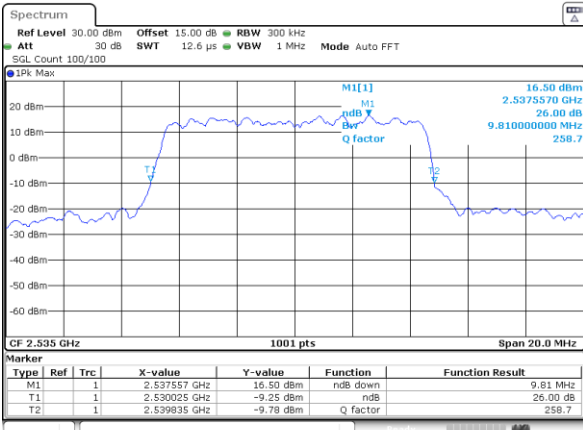
Date: 7\_MAR\_2018 15:35:28

Lowest Channel / 10MHz / 16QAM



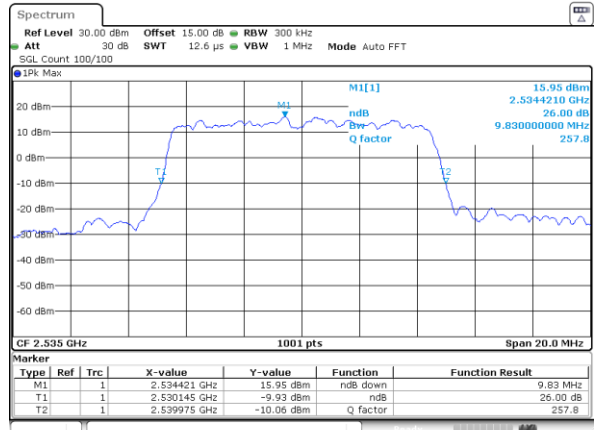
Date: 7\_MAR\_2018 15:35:38

Middle Channel / 10MHz / QPSK



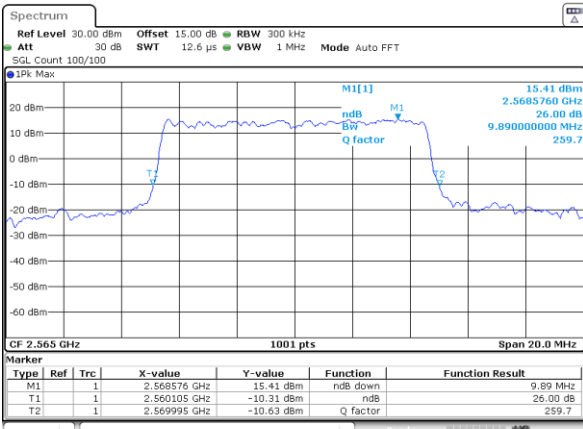
Date: 7\_MAR\_2018 15:42:38

Middle Channel / 10MHz / 16QAM



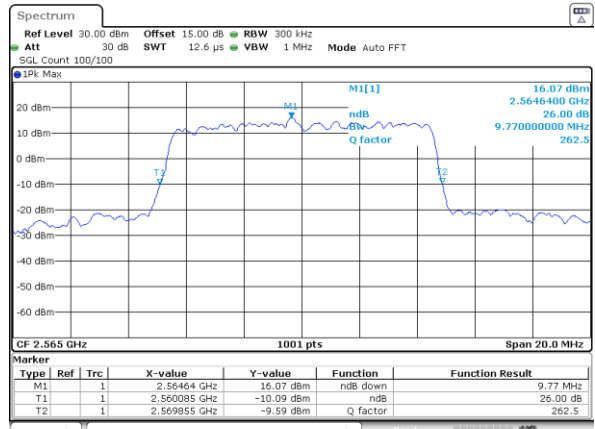
Date: 7\_MAR\_2018 15:42:48

Highest Channel / 10MHz / QPSK



Date: 7\_MAR\_2018 15:45:07

Highest Channel / 10MHz / 16QAM

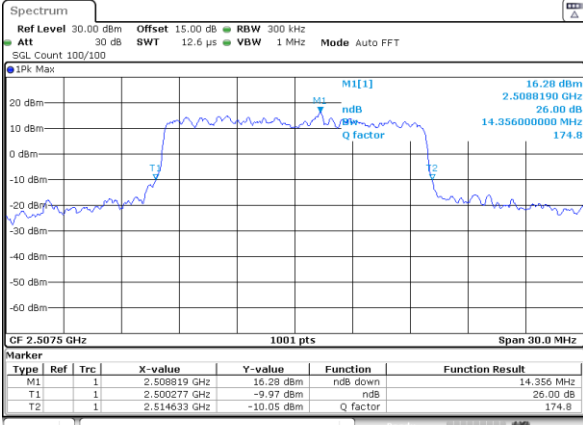


Date: 7\_MAR\_2018 15:45:17



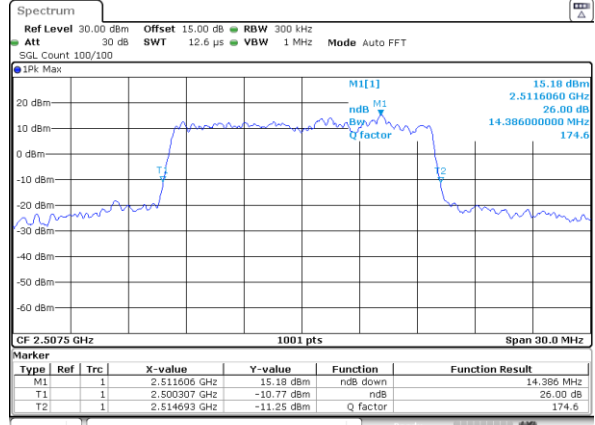
LTE Band 7

Lowest Channel / 15MHz / QPSK



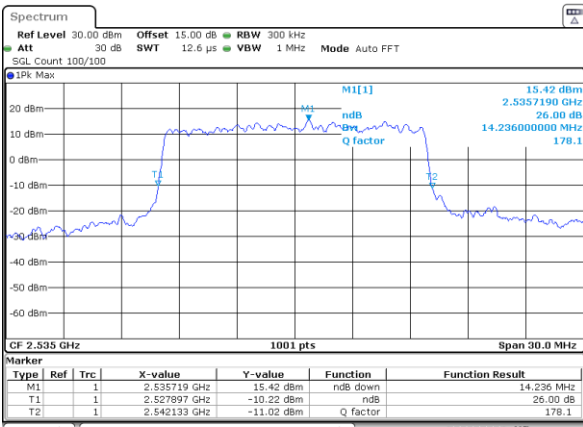
Date: 7\_MAR\_2018 15:52:17

Lowest Channel / 15MHz / 16QAM



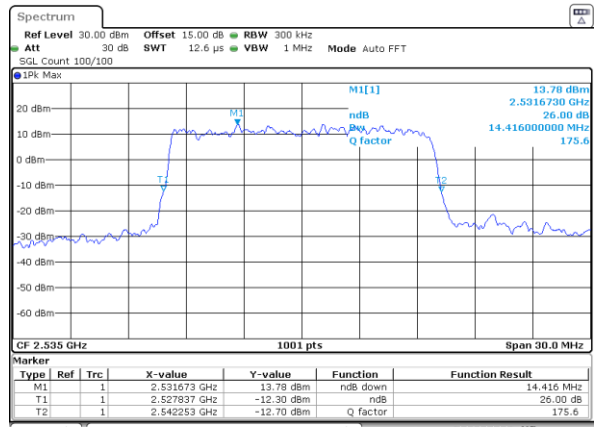
Date: 7\_MAR\_2018 15:52:27

Middle Channel / 15MHz / QPSK



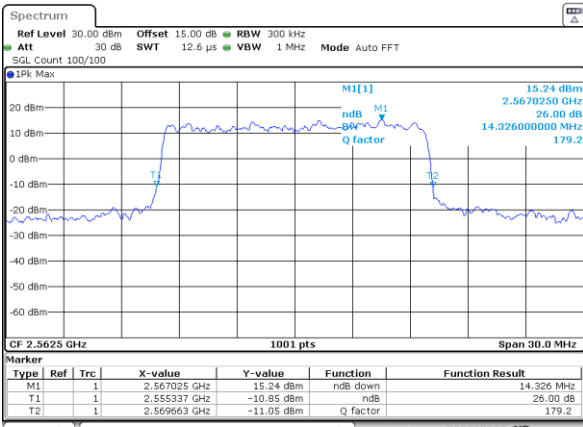
Date: 7\_MAR\_2018 15:59:26

Middle Channel / 15MHz / 16QAM



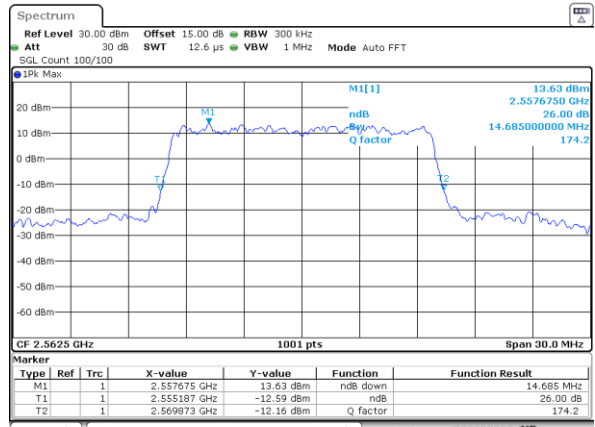
Date: 7\_MAR\_2018 15:59:36

Highest Channel / 15MHz / QPSK



Date: 7\_MAR\_2018 16:01:55

Highest Channel / 15MHz / 16QAM

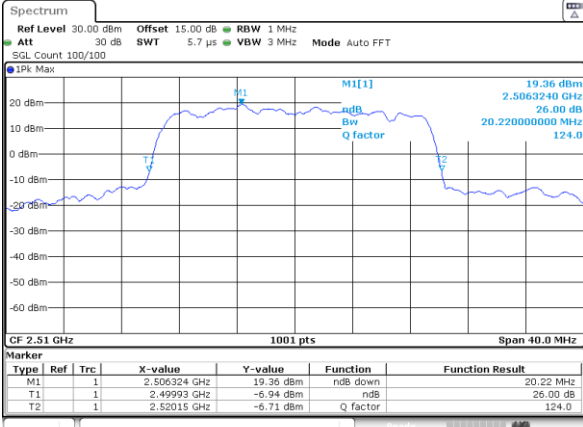


Date: 7\_MAR\_2018 16:02:05



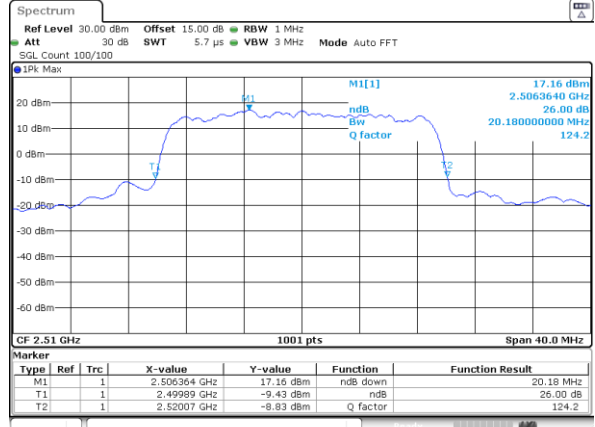
LTE Band 7

Lowest Channel / 20MHz / QPSK



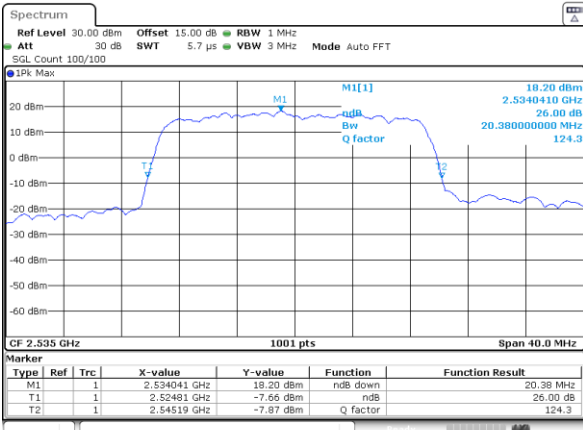
Date: 7\_MAR.2018 16:09:05

Lowest Channel / 20MHz / 16QAM



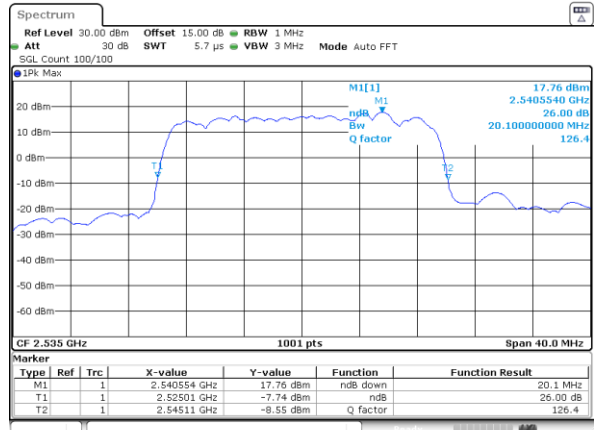
Date: 7\_MAR.2018 16:09:15

Middle Channel / 20MHz / QPSK



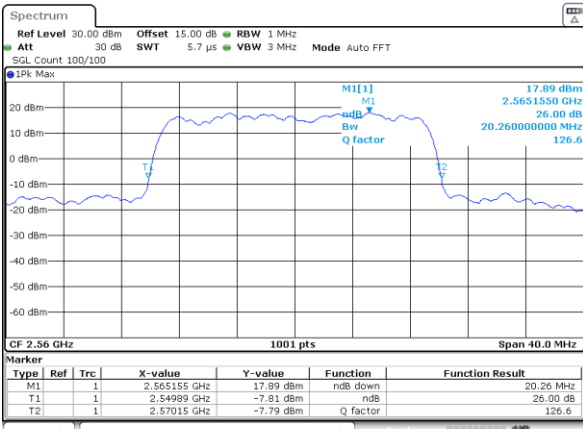
Date: 7\_MAR.2018 16:16:13

Middle Channel / 20MHz / 16QAM



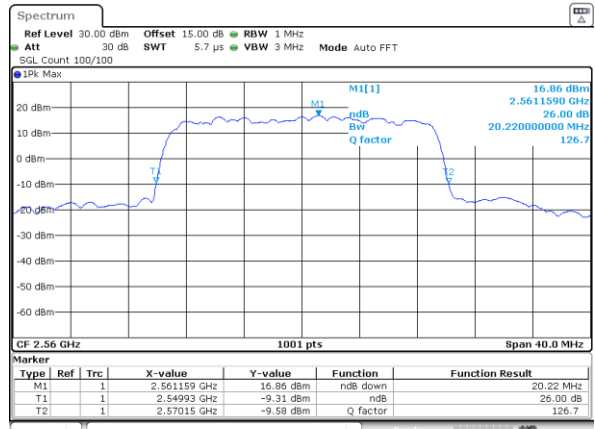
Date: 7\_MAR.2018 16:16:23

Highest Channel / 20MHz / QPSK



Date: 7\_MAR.2018 16:18:41

Highest Channel / 20MHz / 16QAM



Date: 7\_MAR.2018 16:18:52



## 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	1.09	1.09	2.72	2.73	4.49	4.5	8.97	8.93	13.46	13.4	18.38	18.26
Middle CH	1.09	1.1	2.74	2.71	4.49	4.49	9.11	9.01	13.49	13.4	18.14	18.26
Highest CH	1.09	1.09	2.71	2.72	4.5	4.48	9.01	8.99	13.43	13.49	18.26	18.18

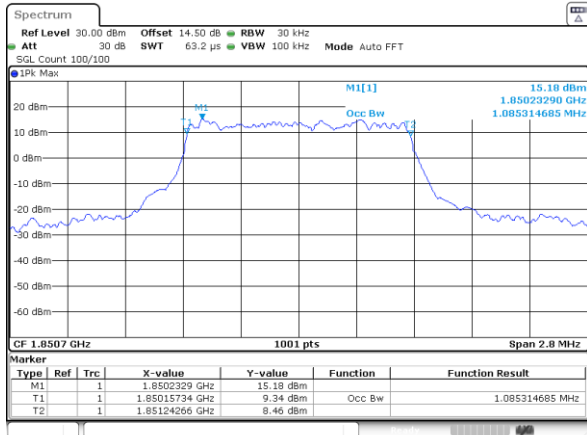
Mode	LTE Band 4 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.50	4.50	8.99	9.01	13.37	13.37	18.22	18.30
Middle CH	1.09	1.10	2.7	2.72	4.50	4.50	9.03	8.97	13.37	13.43	18.26	18.30
Highest CH	1.09	1.10	2.73	2.73	4.49	4.50	9.01	8.99	13.40	13.46	18.30	18.22

Mode	LTE Band 7 : 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	-	-	-	-	4.51	4.50	9.01	8.97	13.43	13.37	18.38	18.18
Middle CH	-	-	-	-	4.47	4.51	8.99	9.01	13.40	13.46	18.30	18.42
Highest CH	-	-	-	-	4.48	4.49	8.95	8.99	13.40	13.43	18.42	18.38



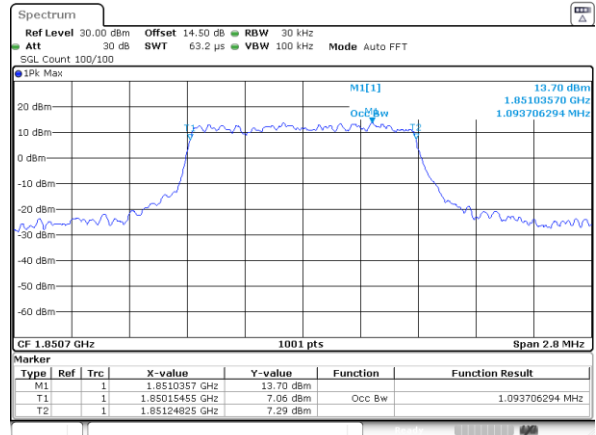
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



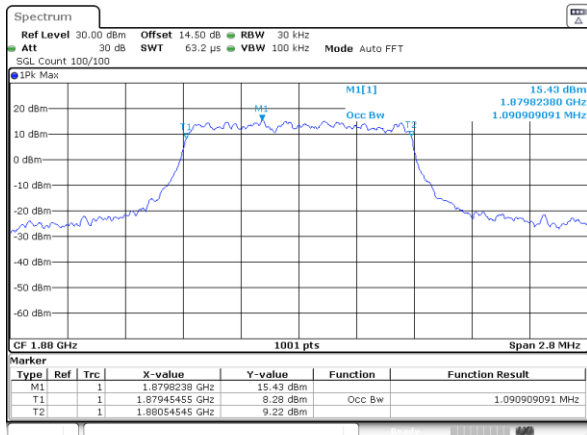
Date: 7\_MAR\_2018 19:36:09

Lowest Channel / 1.4MHz / 16QAM



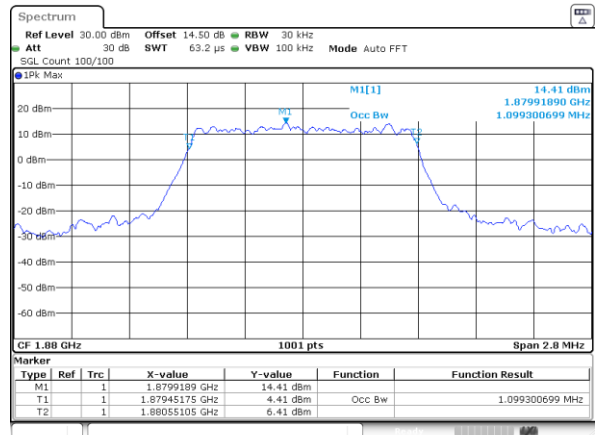
Date: 7\_MAR\_2018 19:36:19

Middle Channel / 1.4MHz / QPSK



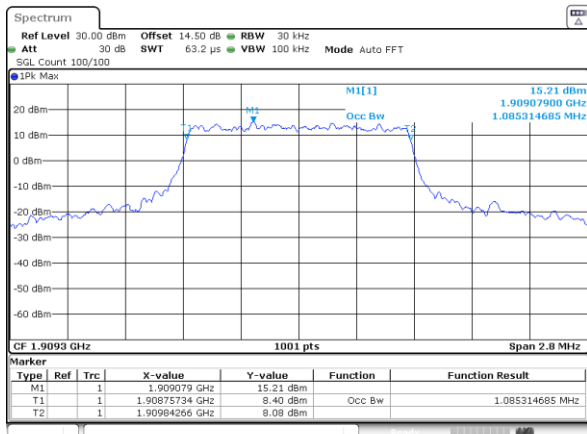
Date: 7\_MAR\_2018 19:43:21

Middle Channel / 1.4MHz / 16QAM



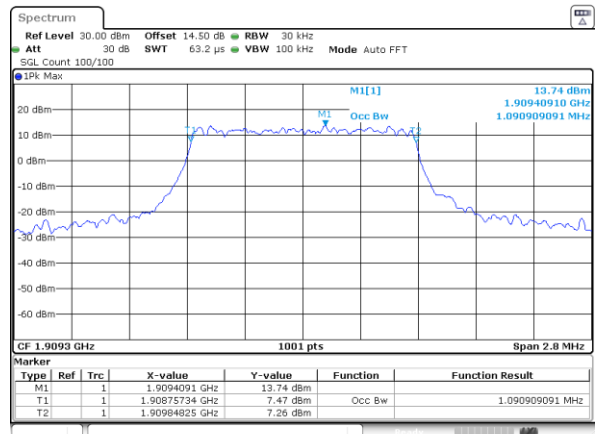
Date: 7\_MAR\_2018 19:43:31

Highest Channel / 1.4MHz / QPSK



Date: 7\_MAR\_2018 19:45:53

Highest Channel / 1.4MHz / 16QAM



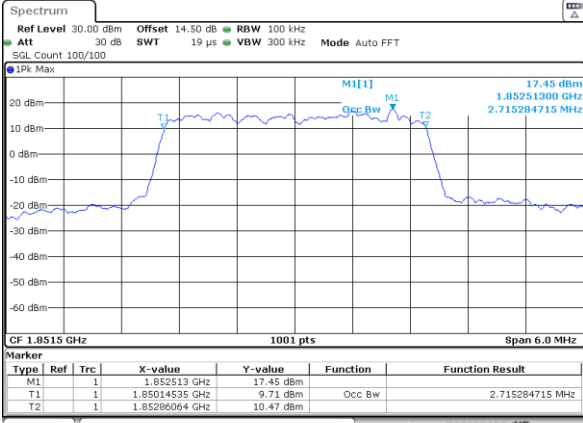
Date: 7\_MAR\_2018 19:46:03





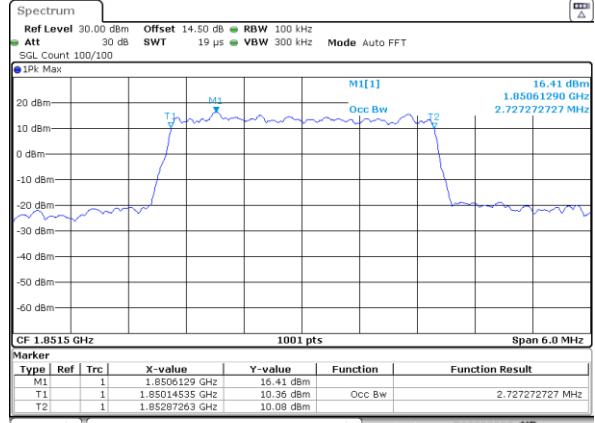
LTE Band 2

Lowest Channel / 3MHz / QPSK



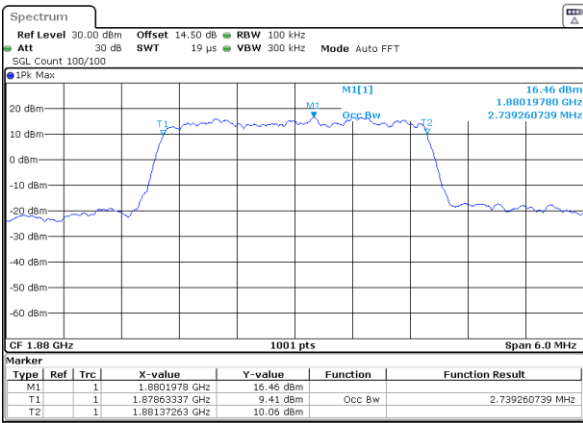
Date: 7, MAR, 2018 19:53:03

Lowest Channel / 3MHz / 16QAM



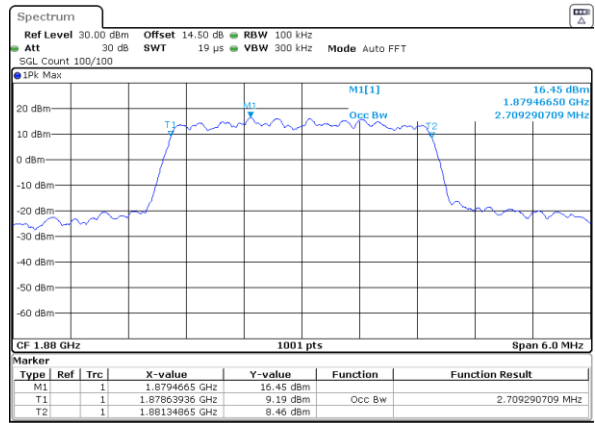
Date: 7, MAR, 2018 19:53:13

Middle Channel / 3MHz / QPSK



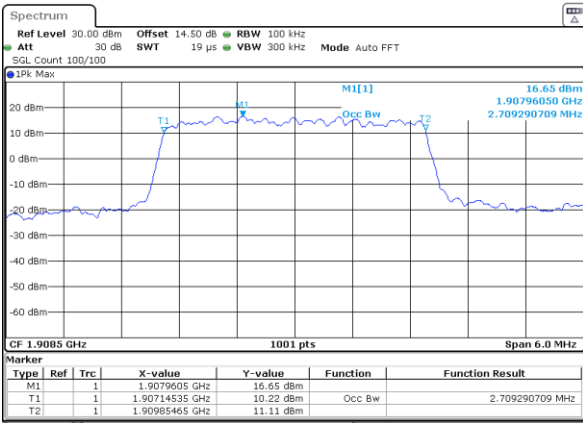
Date: 7, MAR, 2018 20:00:13

Middle Channel / 3MHz / 16QAM



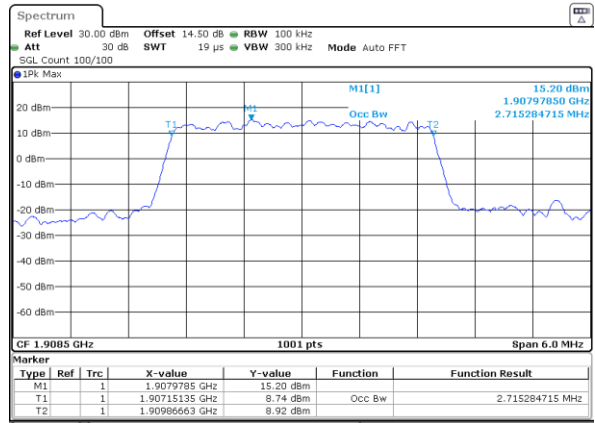
Date: 7, MAR, 2018 20:00:24

Highest Channel / 3MHz / QPSK



Date: 7, MAR, 2018 20:02:46

Highest Channel / 3MHz / 16QAM

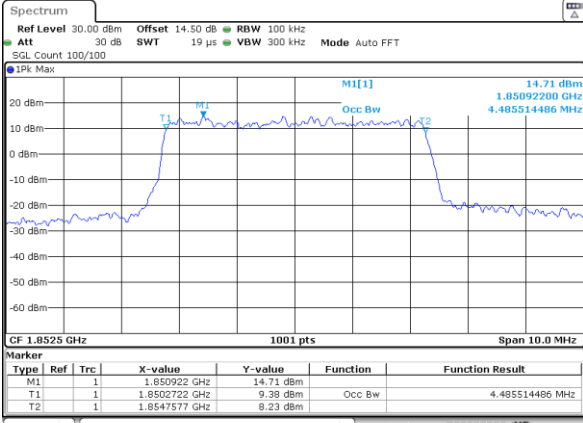


Date: 7, MAR, 2018 20:02:56



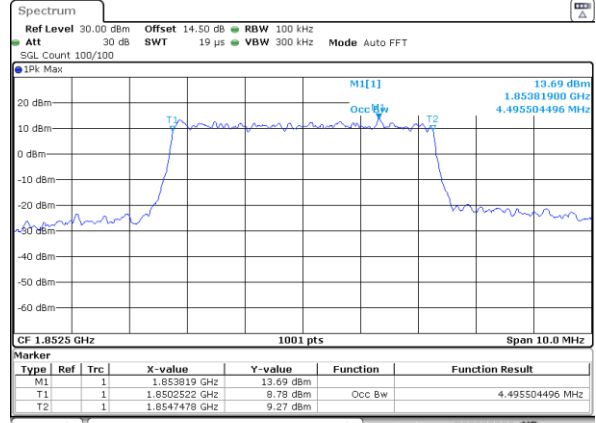
LTE Band 2

Lowest Channel / 5MHz / QPSK



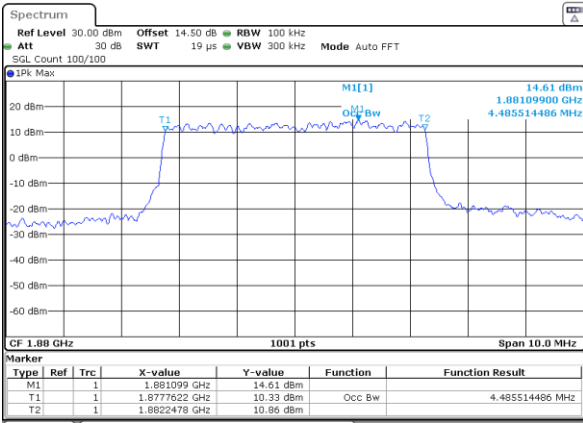
Date: 7\_MAR\_2018 20:09:57

Lowest Channel / 5MHz / 16QAM



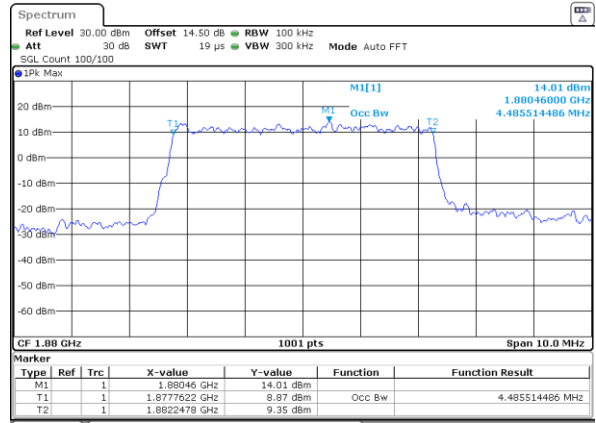
Date: 7\_MAR\_2018 20:10:07

Middle Channel / 5MHz / QPSK



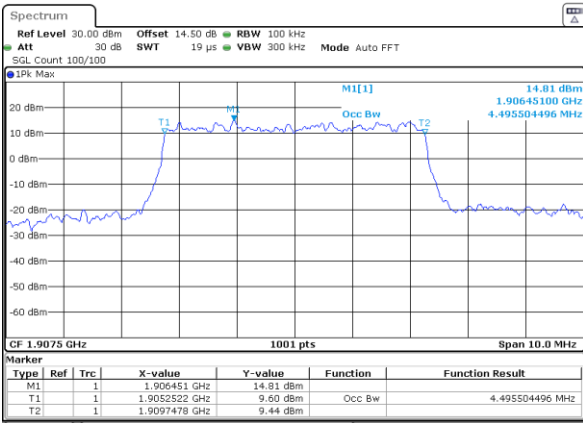
Date: 7\_MAR\_2018 20:17:07

Middle Channel / 5MHz / 16QAM



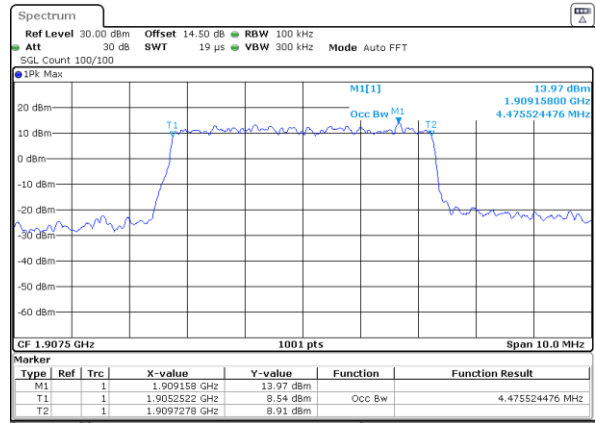
Date: 7\_MAR\_2018 20:17:17

Highest Channel / 5MHz / QPSK



Date: 7\_MAR\_2018 20:19:40

Highest Channel / 5MHz / 16QAM

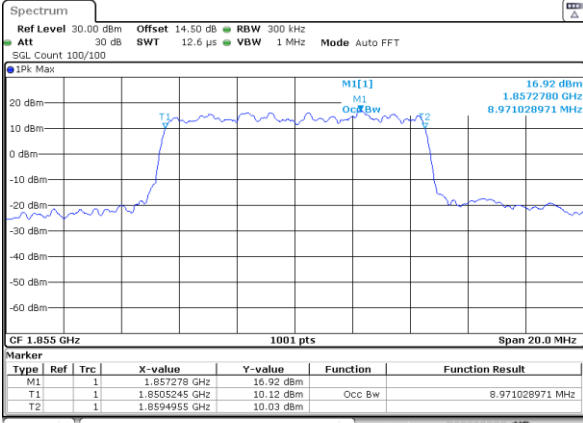


Date: 7\_MAR\_2018 20:19:50



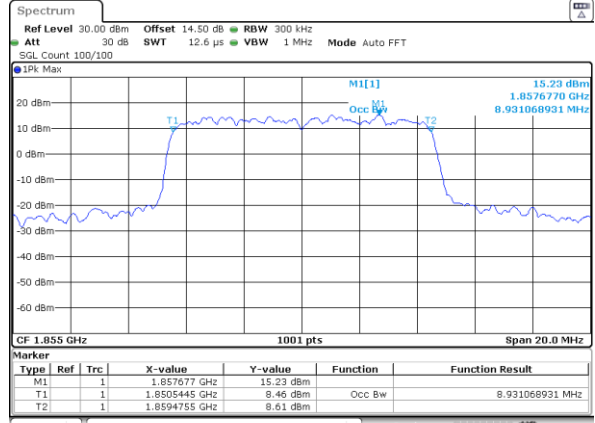
LTE Band 2

Lowest Channel / 10MHz / QPSK



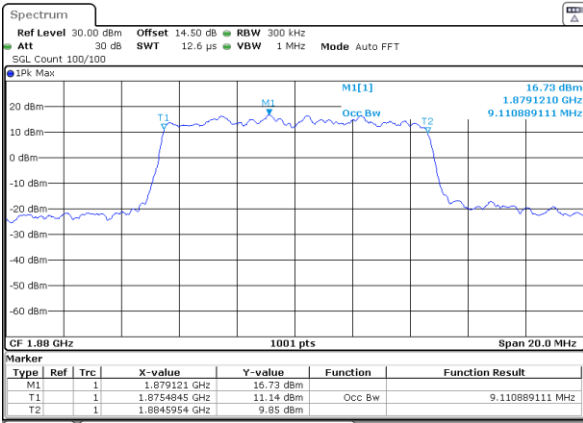
Date: 7, MAR, 2018 20:26:50

Lowest Channel / 10MHz / 16QAM



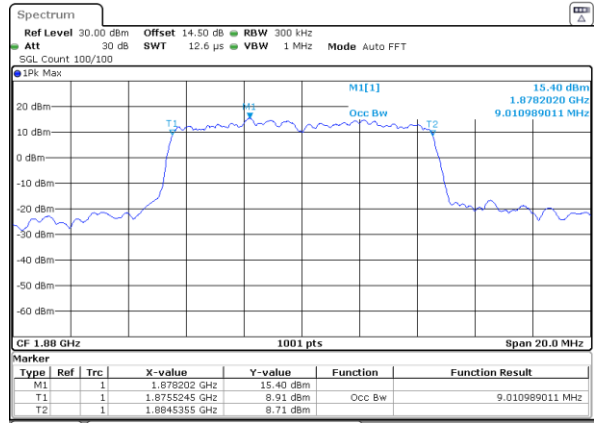
Date: 7, MAR, 2018 20:27:01

Middle Channel / 10MHz / QPSK



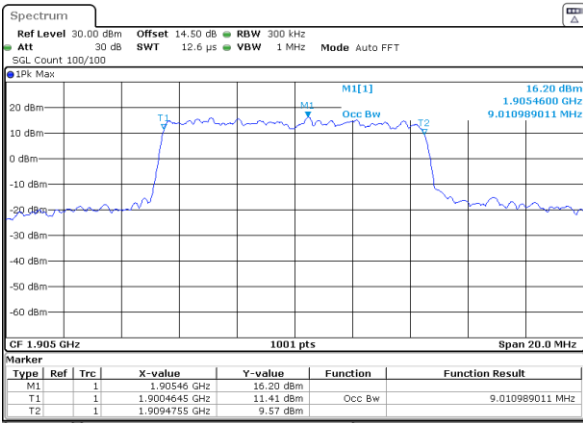
Date: 7, MAR, 2018 20:34:00

Middle Channel / 10MHz / 16QAM



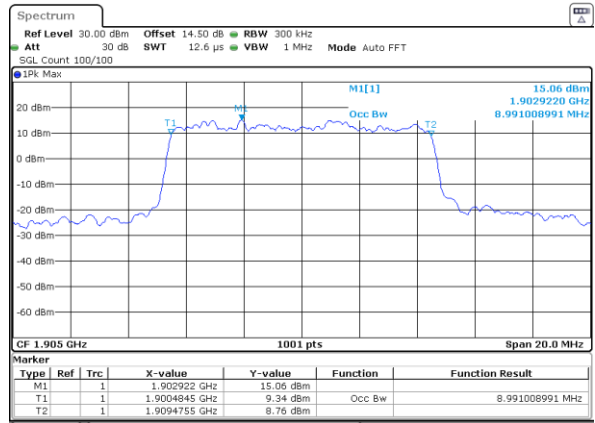
Date: 7, MAR, 2018 20:34:11

Highest Channel / 10MHz / QPSK



Date: 7, MAR, 2018 20:36:33

Highest Channel / 10MHz / 16QAM

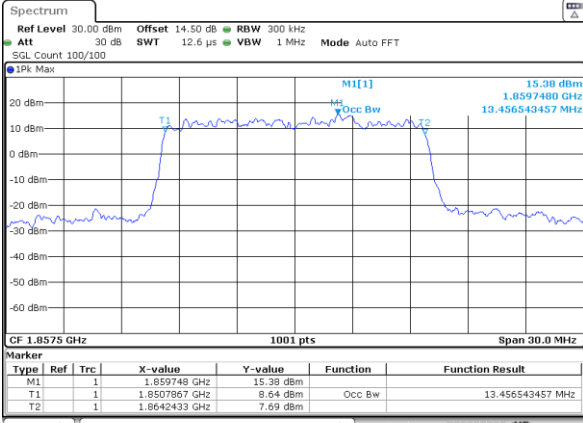


Date: 7, MAR, 2018 20:36:43



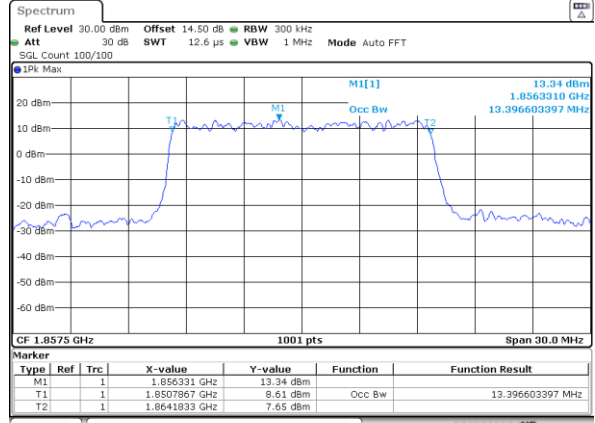
LTE Band 2

Lowest Channel / 15MHz / QPSK



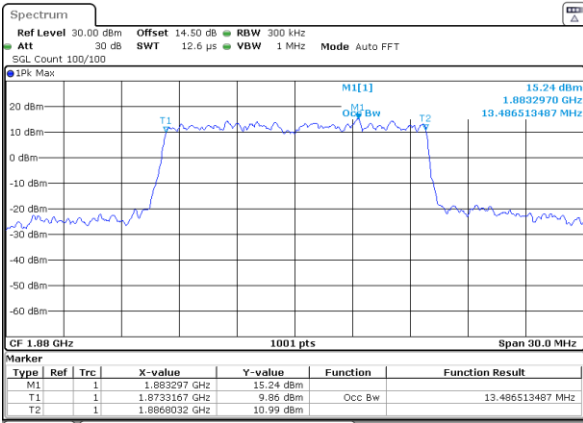
Date: 7\_MAR\_2018 20:43:42

Lowest Channel / 15MHz / 16QAM



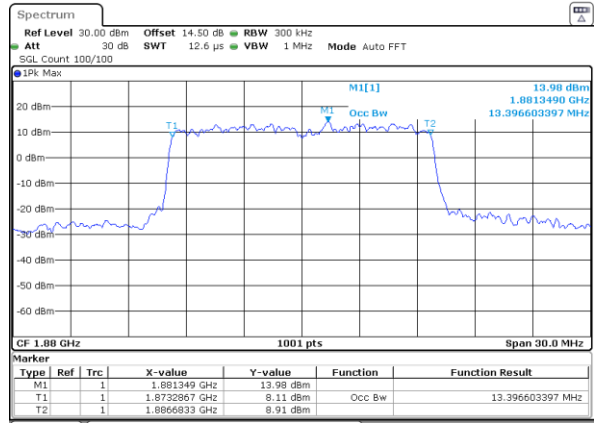
Date: 7\_MAR\_2018 20:43:52

Middle Channel / 15MHz / QPSK



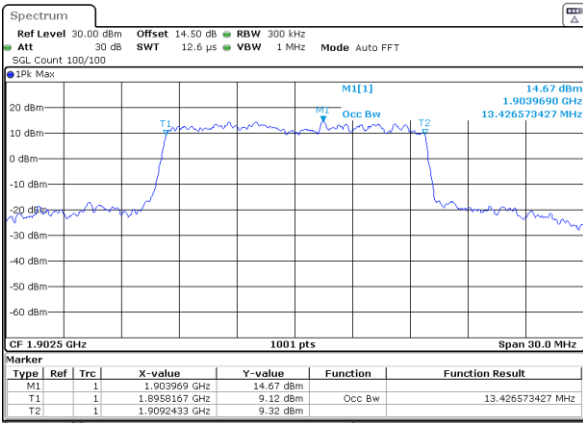
Date: 7\_MAR\_2018 20:50:52

Middle Channel / 15MHz / 16QAM



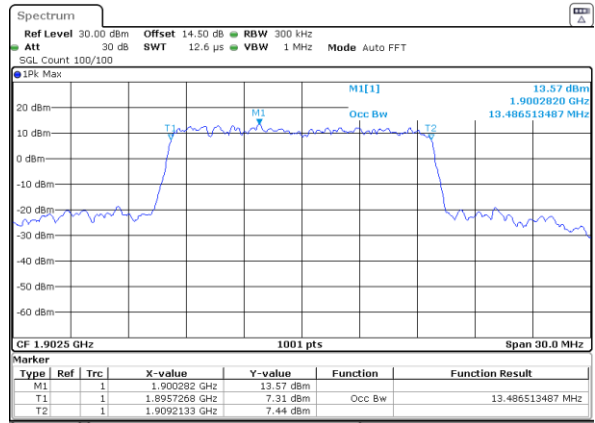
Date: 7\_MAR\_2018 20:51:02

Highest Channel / 15MHz / QPSK



Date: 7\_MAR\_2018 20:53:24

Highest Channel / 15MHz / 16QAM

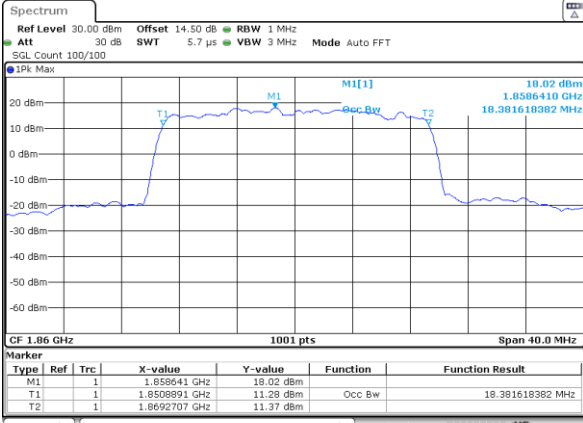


Date: 7\_MAR\_2018 20:53:34



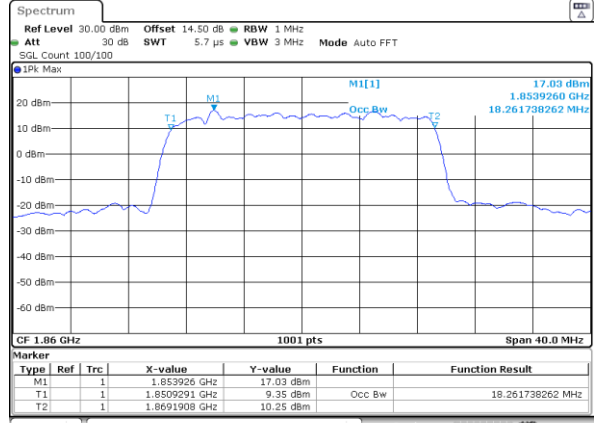
LTE Band 2

Lowest Channel / 20MHz / QPSK



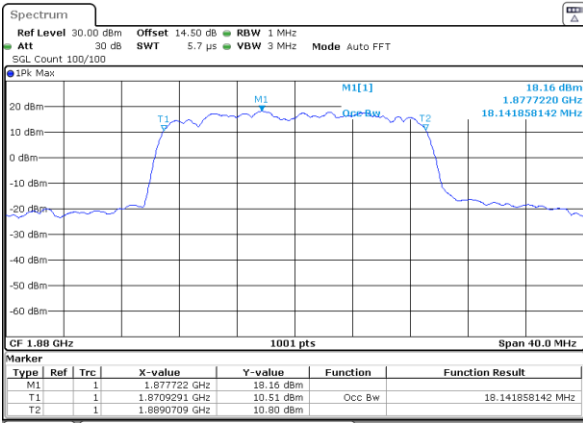
Date: 7, MAR, 2018 21:00:33

Lowest Channel / 20MHz / 16QAM



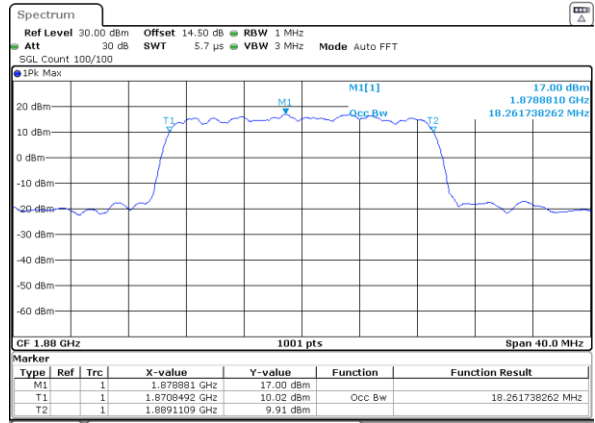
Date: 7, MAR, 2018 21:00:43

Middle Channel / 20MHz / QPSK



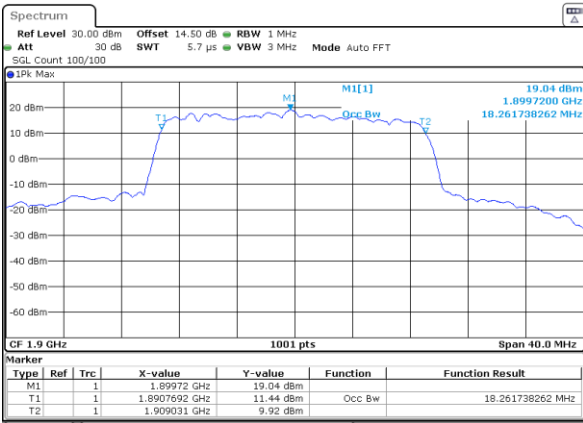
Date: 7, MAR, 2018 21:07:42

Middle Channel / 20MHz / 16QAM



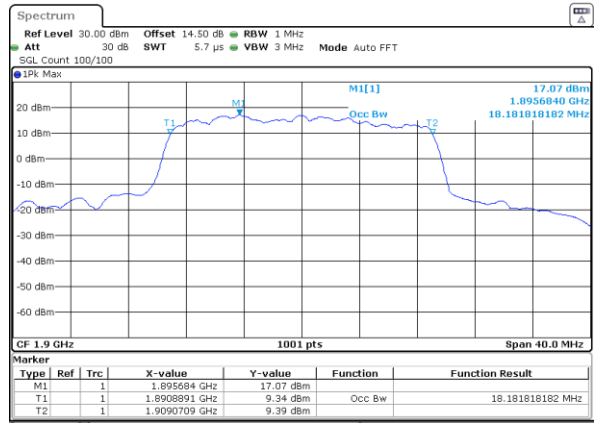
Date: 7, MAR, 2018 21:07:52

Highest Channel / 20MHz / QPSK



Date: 7, MAR, 2018 21:10:14

Highest Channel / 20MHz / 16QAM

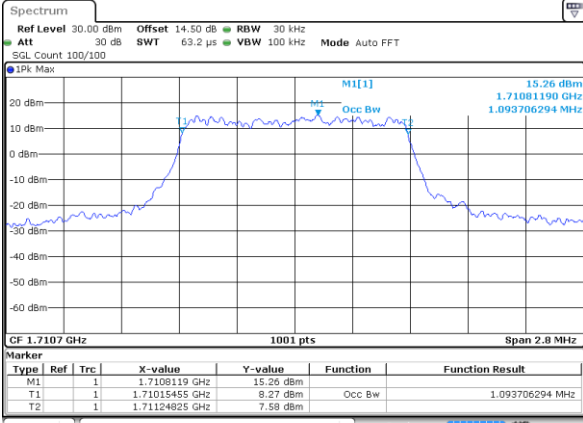


Date: 7, MAR, 2018 21:10:24



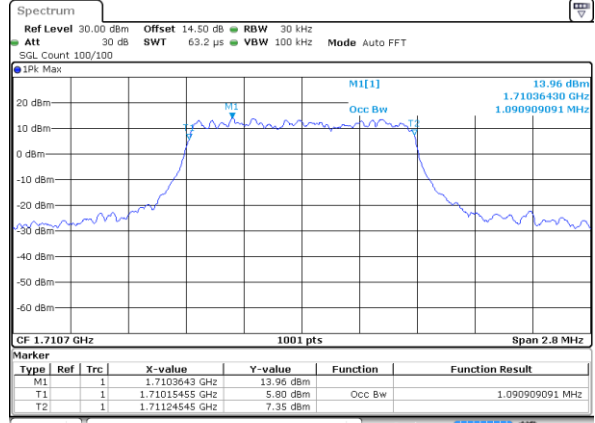
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



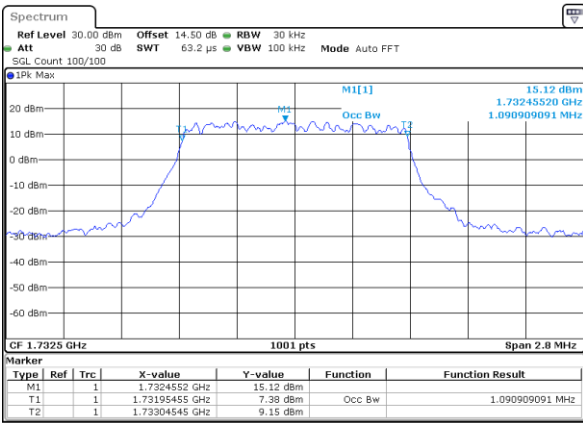
Date: 8 MAR 2018 09:09:15

Lowest Channel / 1.4MHz / 16QAM



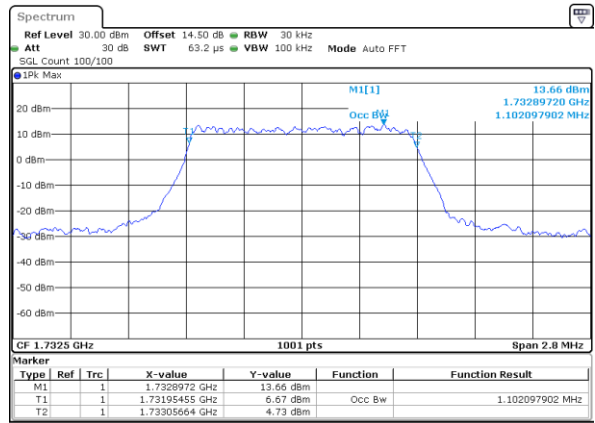
Date: 8 MAR 2018 09:09:25

Middle Channel / 1.4MHz / QPSK



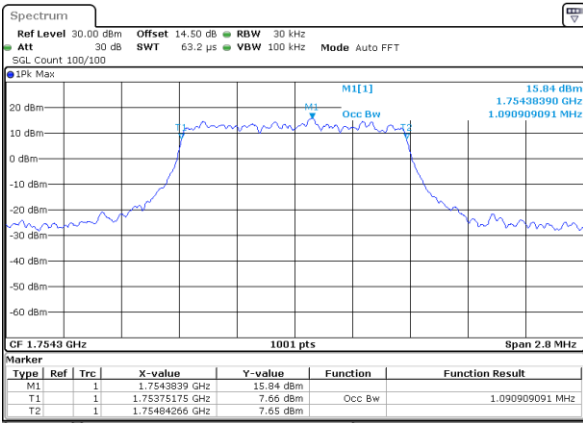
Date: 8 MAR 2018 09:16:14

Middle Channel / 1.4MHz / 16QAM



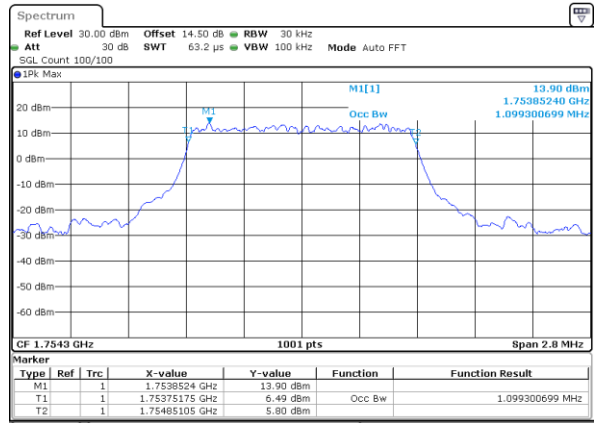
Date: 8 MAR 2018 09:16:24

Highest Channel / 1.4MHz / QPSK



Date: 8 MAR 2018 09:18:40

Highest Channel / 1.4MHz / 16QAM

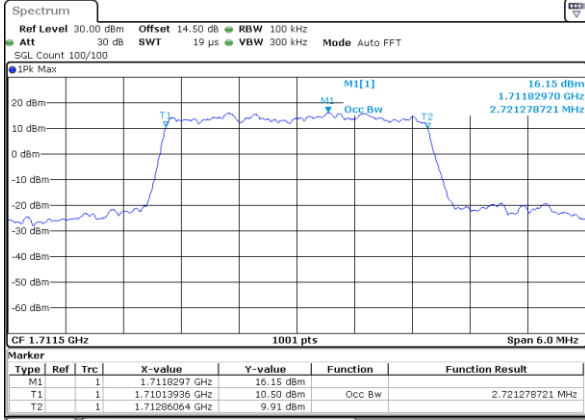


Date: 8 MAR 2018 09:18:49



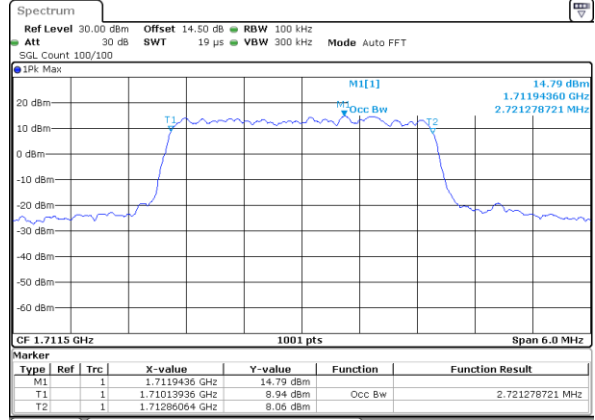
LTE Band 4

Lowest Channel / 3MHz / QPSK



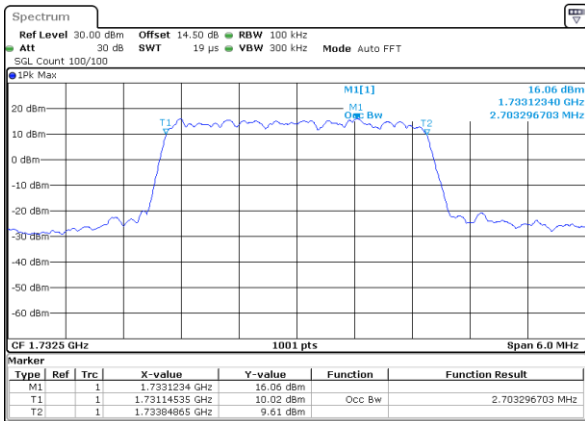
Date: 8 MAR 2018 09:25:36

Lowest Channel / 3MHz / 16QAM



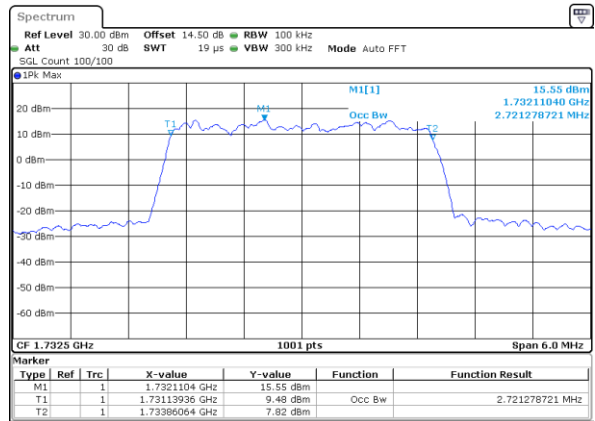
Date: 8 MAR 2018 09:25:46

Middle Channel / 3MHz / QPSK



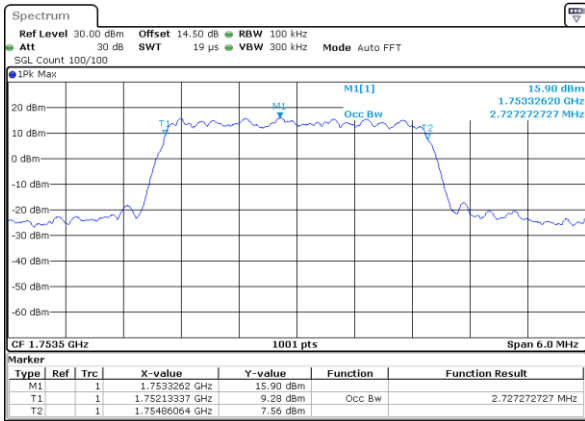
Date: 8 MAR 2018 09:32:33

Middle Channel / 3MHz / 16QAM



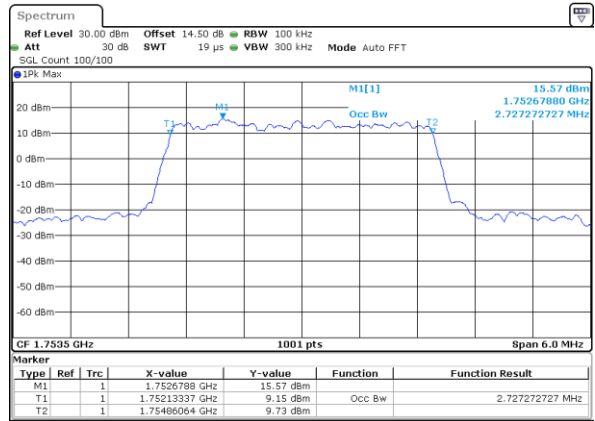
Date: 8 MAR 2018 09:32:43

Highest Channel / 3MHz / QPSK



Date: 8 MAR 2018 09:34:59

Highest Channel / 3MHz / 16QAM

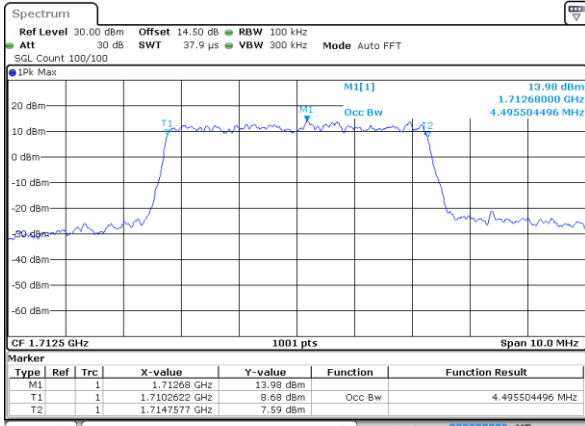


Date: 8 MAR 2018 09:35:09



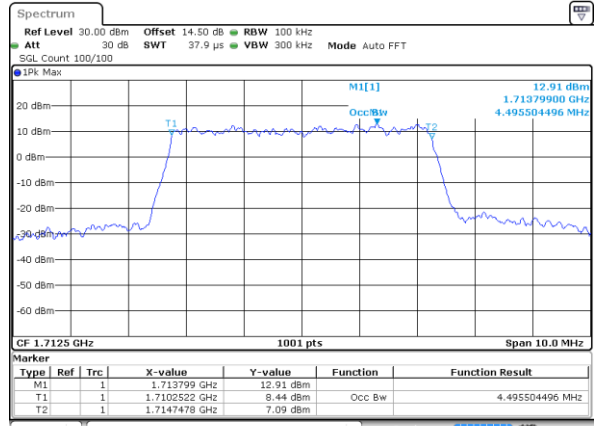
LTE Band 4

Lowest Channel / 5MHz / QPSK



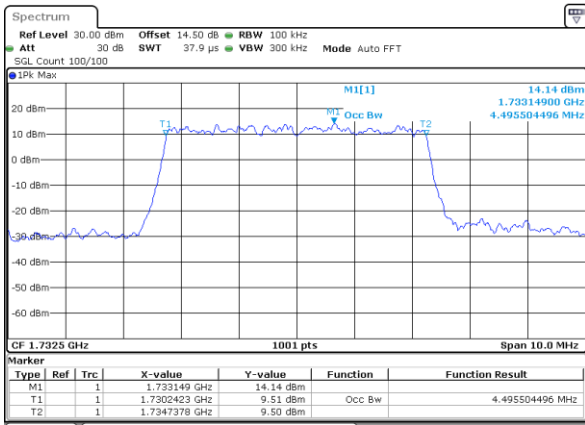
Date: 8 MAR 2018 09:41:56

Lowest Channel / 5MHz / 16QAM



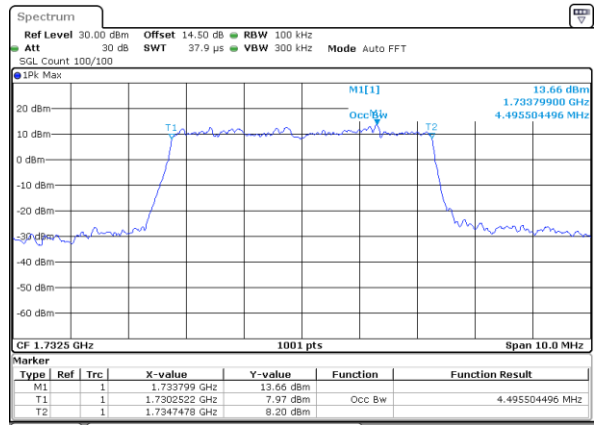
Date: 8 MAR 2018 09:42:05

Middle Channel / 5MHz / QPSK



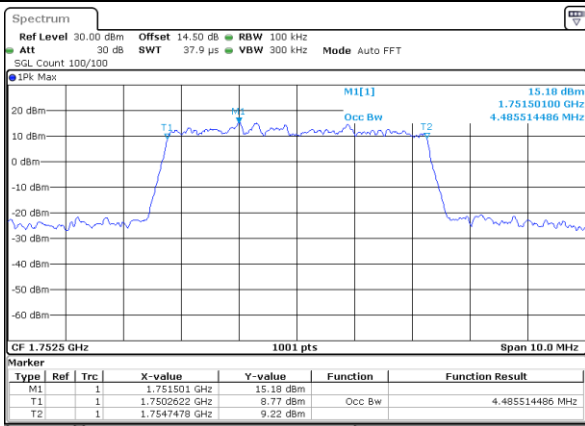
Date: 8 MAR 2018 09:48:52

Middle Channel / 5MHz / 16QAM



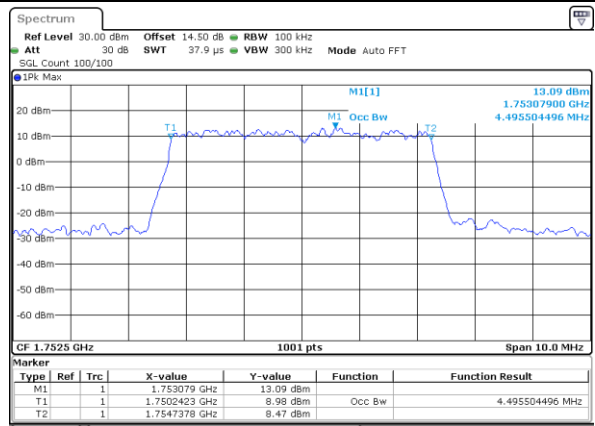
Date: 8 MAR 2018 09:49:02

Highest Channel / 5MHz / QPSK



Date: 8 MAR 2018 09:51:18

Highest Channel / 5MHz / 16QAM



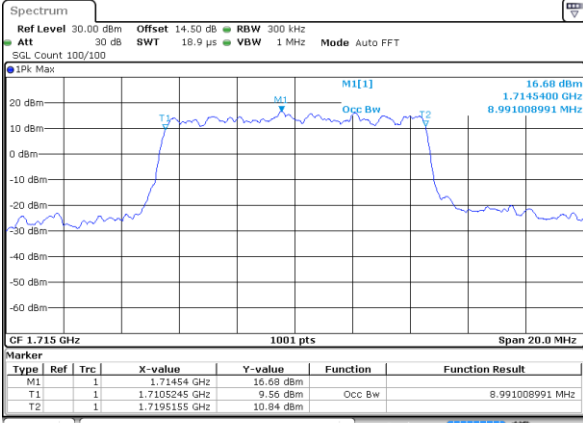
Date: 8 MAR 2018 09:51:27





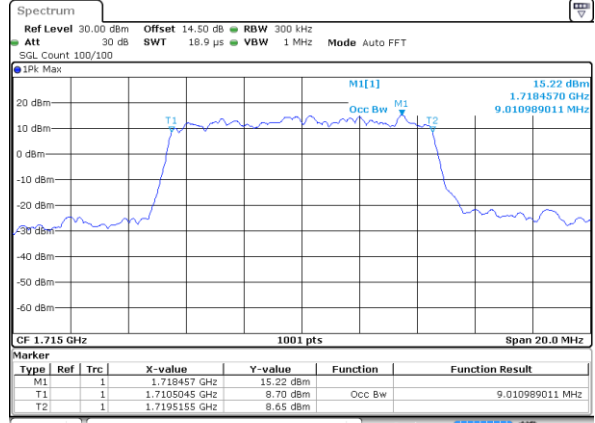
LTE Band 4

Lowest Channel / 10MHz / QPSK



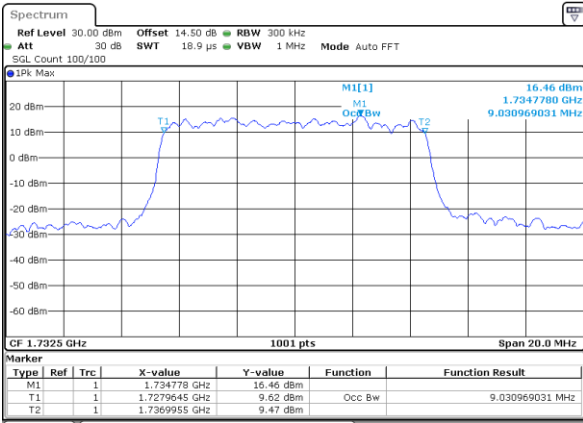
Date: 8 MAR 2018 09:58:15

Lowest Channel / 10MHz / 16QAM



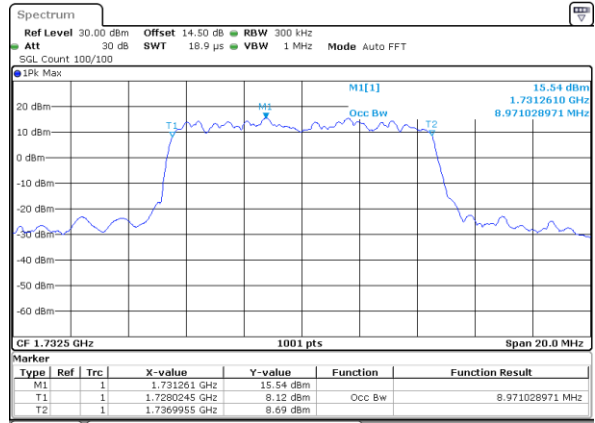
Date: 8 MAR 2018 09:58:24

Middle Channel / 10MHz / QPSK



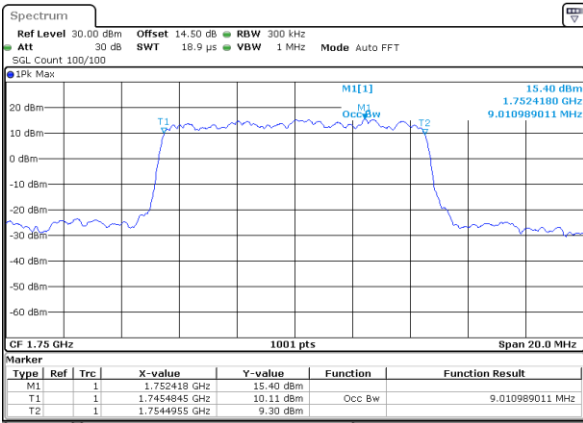
Date: 8 MAR 2018 10:05:12

Middle Channel / 10MHz / 16QAM



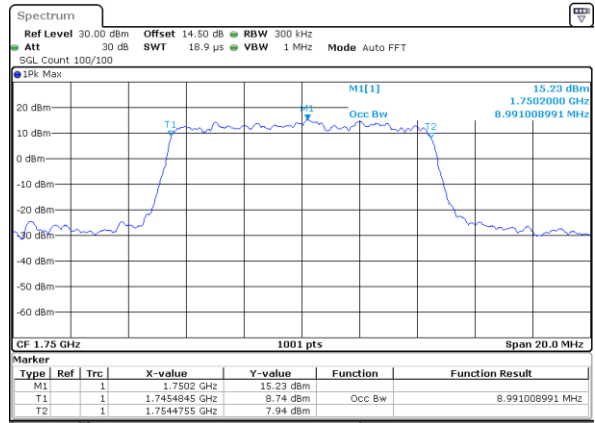
Date: 8 MAR 2018 10:05:21

Highest Channel / 10MHz / QPSK



Date: 8 MAR 2018 10:07:37

Highest Channel / 10MHz / 16QAM

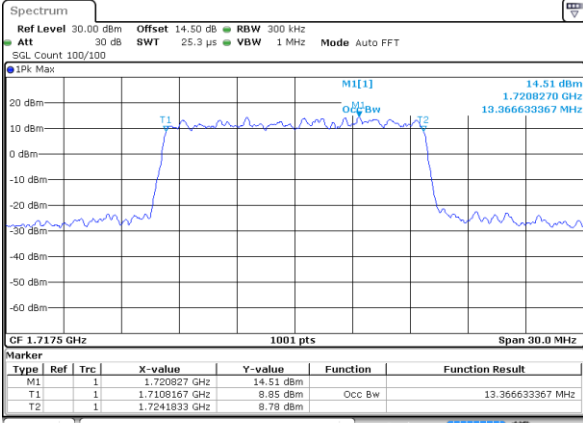


Date: 8 MAR 2018 10:07:47



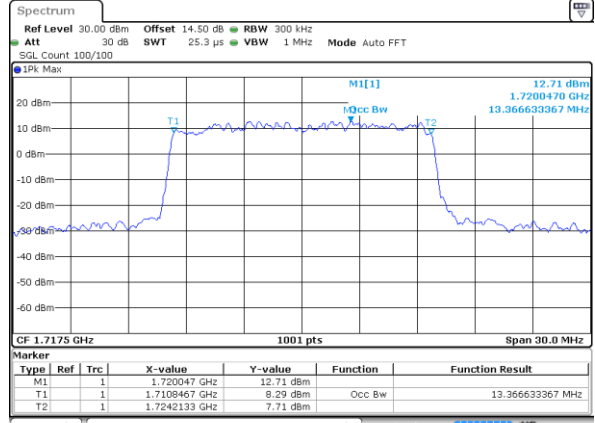
LTE Band 4

Lowest Channel / 15MHz / QPSK



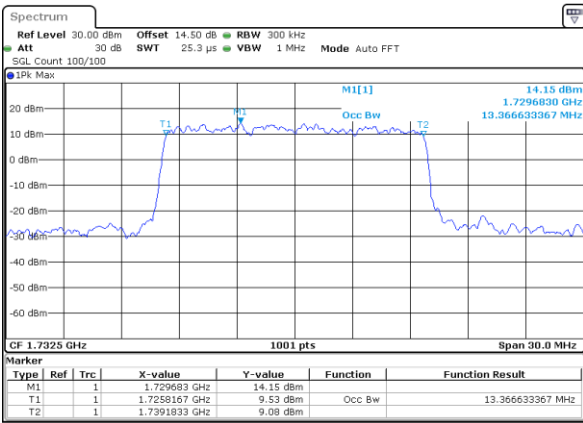
Date: 8 MAR 2018 10:14:34

Lowest Channel / 15MHz / 16QAM



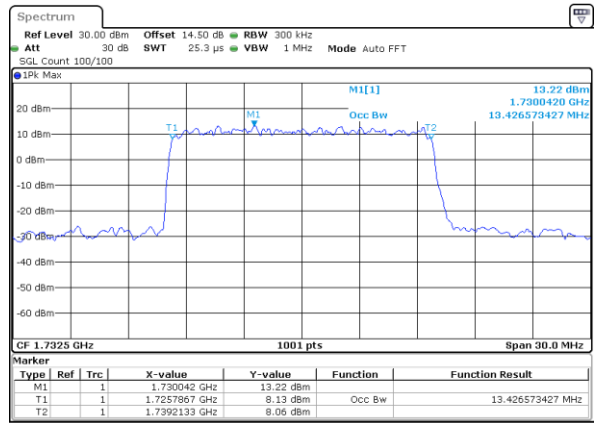
Date: 8 MAR 2018 10:14:44

Middle Channel / 15MHz / QPSK



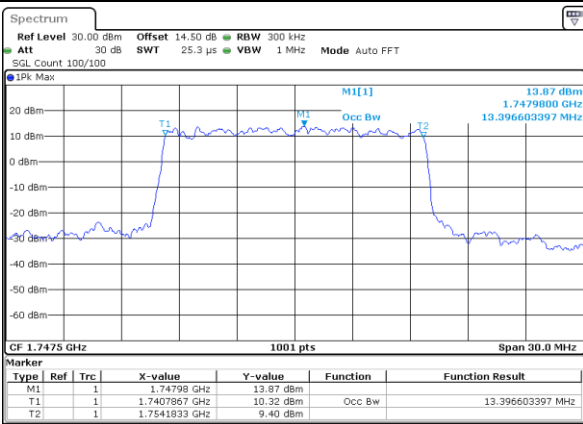
Date: 8 MAR 2018 10:21:32

Middle Channel / 15MHz / 16QAM



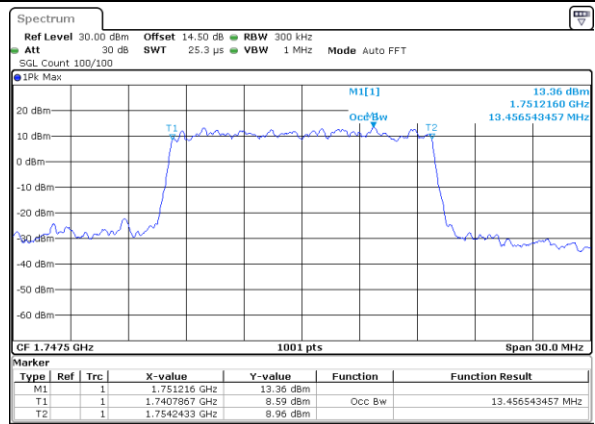
Date: 8 MAR 2018 10:21:42

Highest Channel / 15MHz / QPSK



Date: 8 MAR 2018 10:23:57

Highest Channel / 15MHz / 16QAM

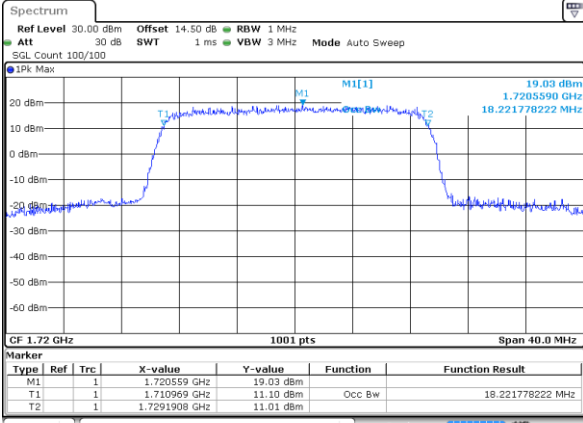


Date: 8 MAR 2018 10:24:08



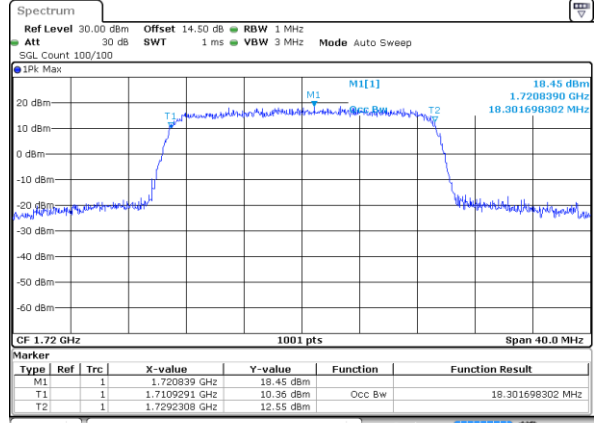
LTE Band 4

Lowest Channel / 20MHz / QPSK



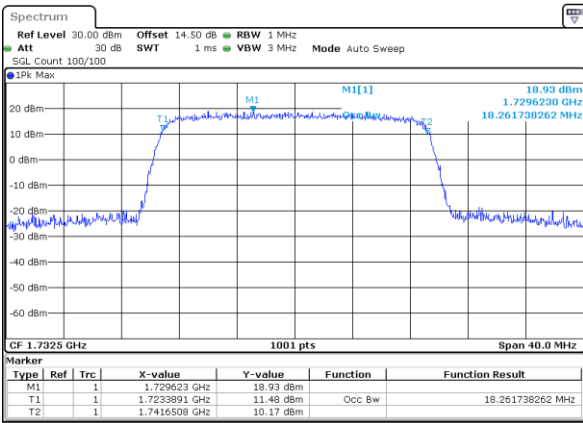
Date: 8 MAR 2018 10:30:55

Lowest Channel / 20MHz / 16QAM



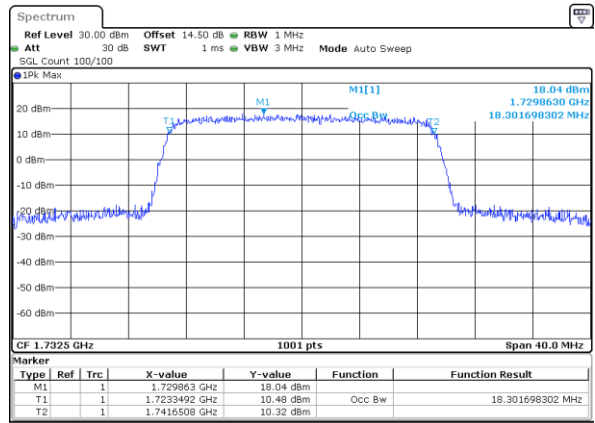
Date: 8 MAR 2018 10:31:05

Middle Channel / 20MHz / QPSK



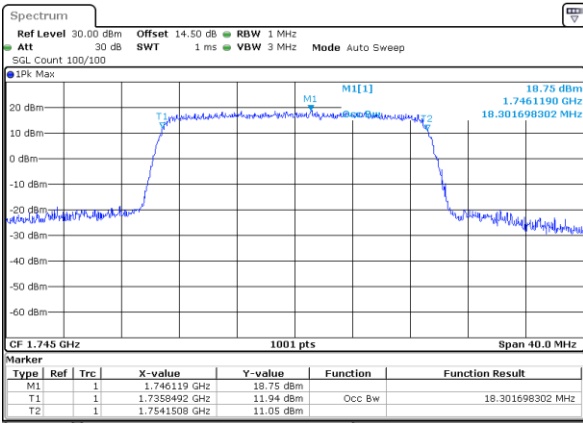
Date: 8 MAR 2018 10:37:53

Middle Channel / 20MHz / 16QAM



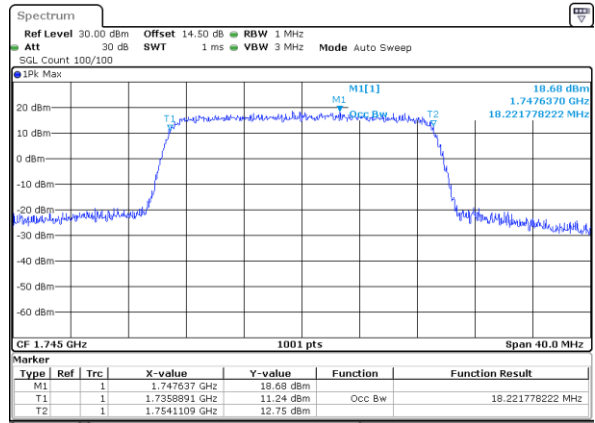
Date: 8 MAR 2018 10:38:02

Highest Channel / 20MHz / QPSK



Date: 8 MAR 2018 10:40:19

Highest Channel / 20MHz / 16QAM

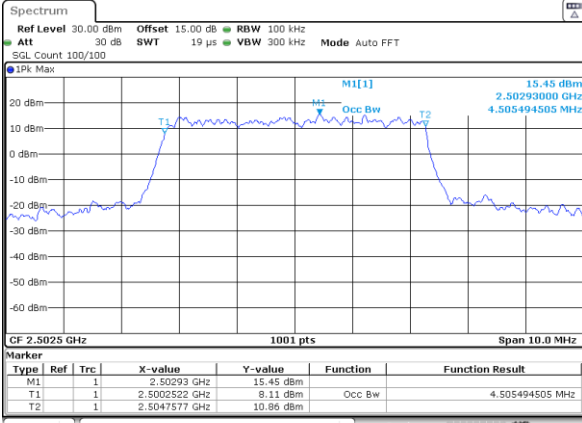


Date: 8 MAR 2018 10:40:29



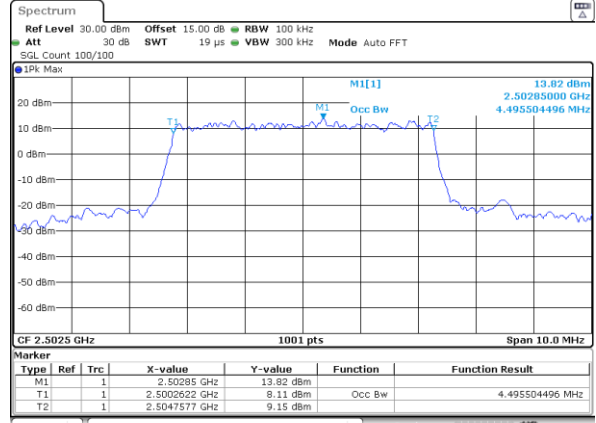
LTE Band 7

Lowest Channel / 5MHz / QPSK



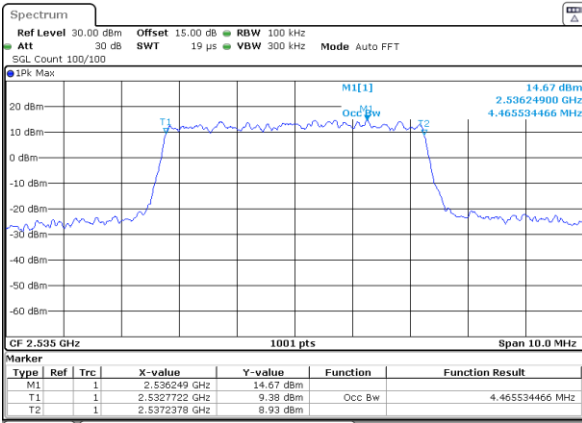
Date: 7\_MAR\_2018 15:18:17

Lowest Channel / 5MHz / 16QAM



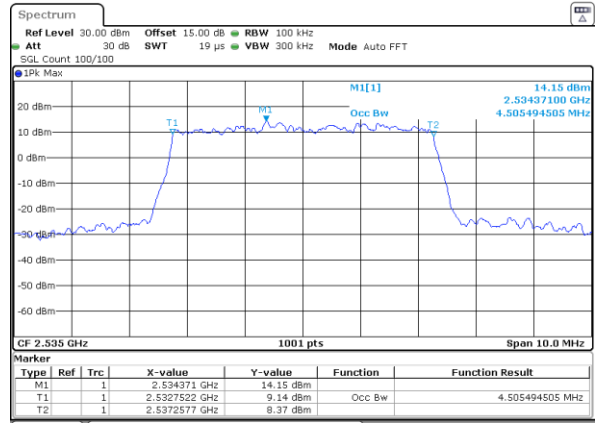
Date: 7\_MAR\_2018 15:18:28

Middle Channel / 5MHz / QPSK



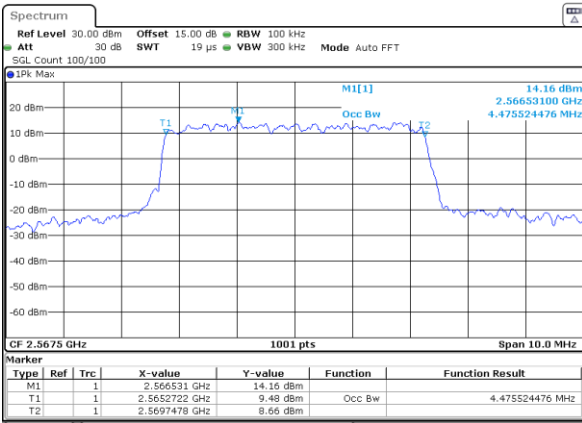
Date: 7\_MAR\_2018 15:25:28

Middle Channel / 5MHz / 16QAM



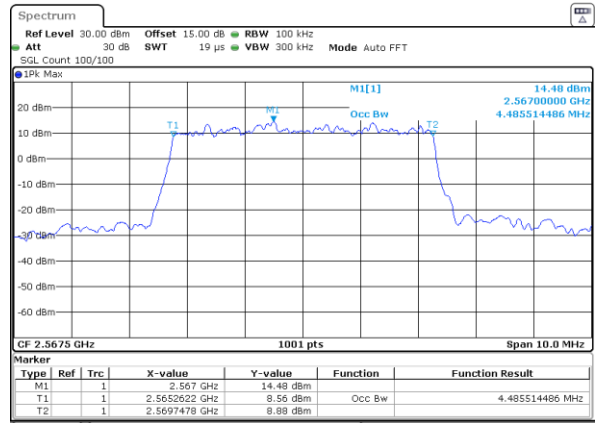
Date: 7\_MAR\_2018 15:25:38

Highest Channel / 5MHz / QPSK



Date: 7\_MAR\_2018 15:27:57

Highest Channel / 5MHz / 16QAM

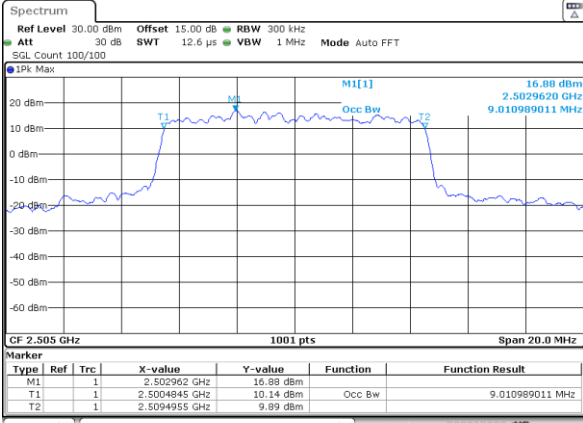


Date: 7\_MAR\_2018 15:28:07



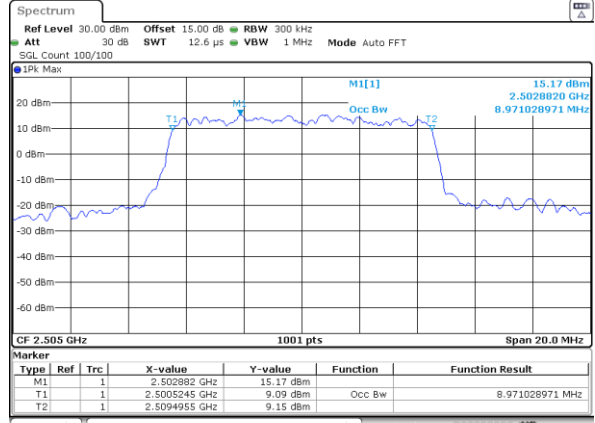
LTE Band 7

Lowest Channel / 10MHz / QPSK



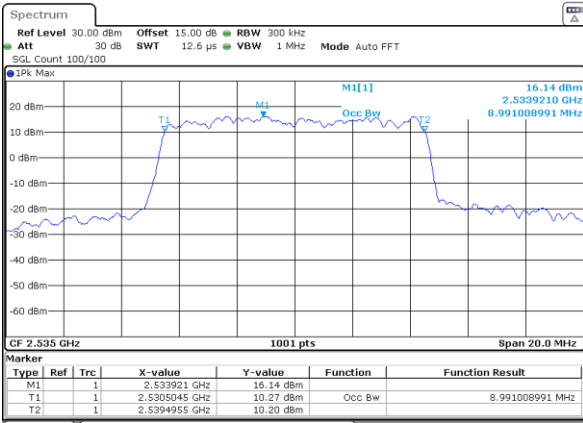
Date: 7\_MAR\_2018 15:35:08

Lowest Channel / 10MHz / 16QAM



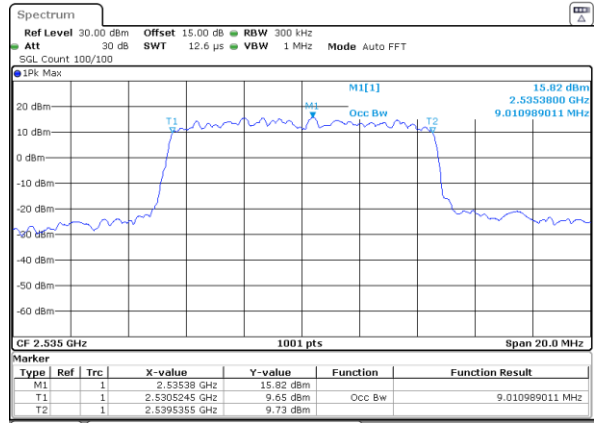
Date: 7\_MAR\_2018 15:35:18

Middle Channel / 10MHz / QPSK



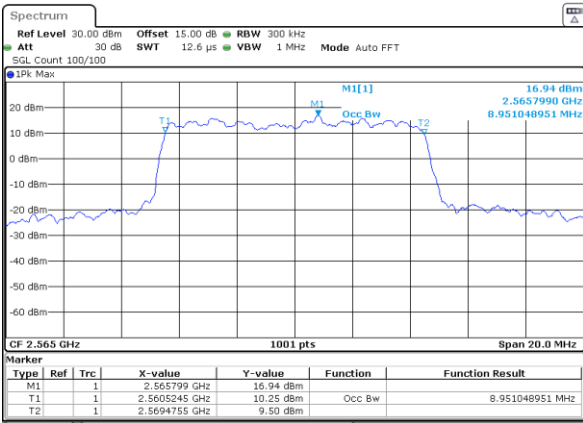
Date: 7\_MAR\_2018 15:42:17

Middle Channel / 10MHz / 16QAM



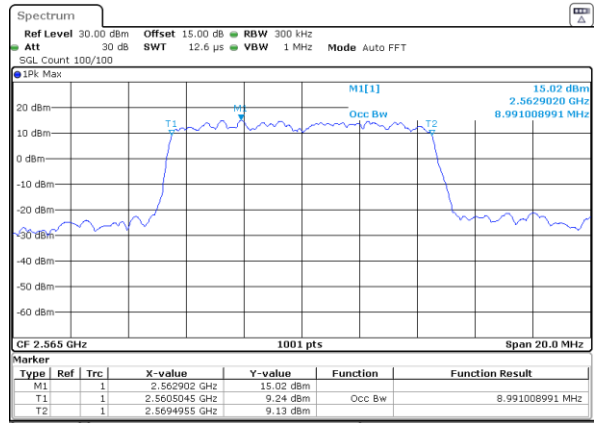
Date: 7\_MAR\_2018 15:42:28

Highest Channel / 10MHz / QPSK



Date: 7\_MAR\_2018 15:44:47

Highest Channel / 10MHz / 16QAM



Date: 7\_MAR\_2018 15:44:57