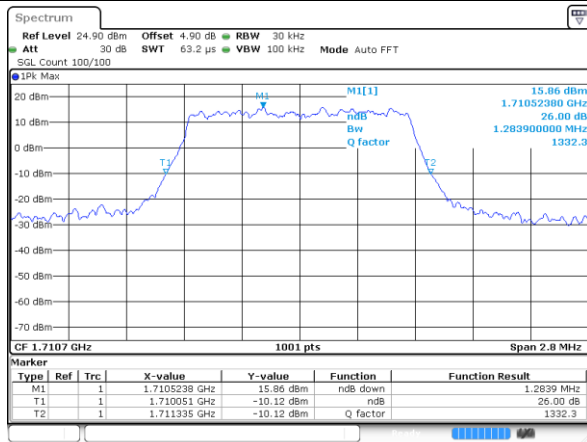




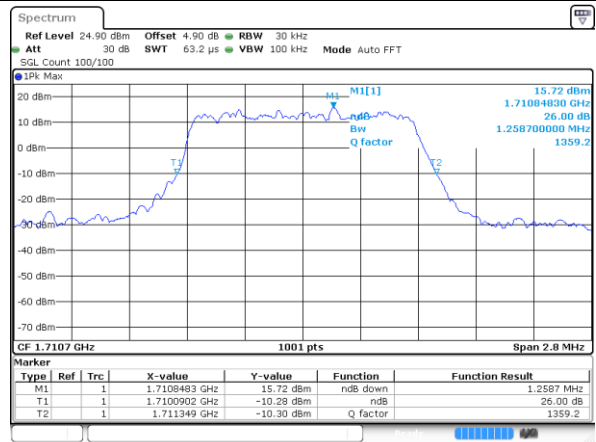
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



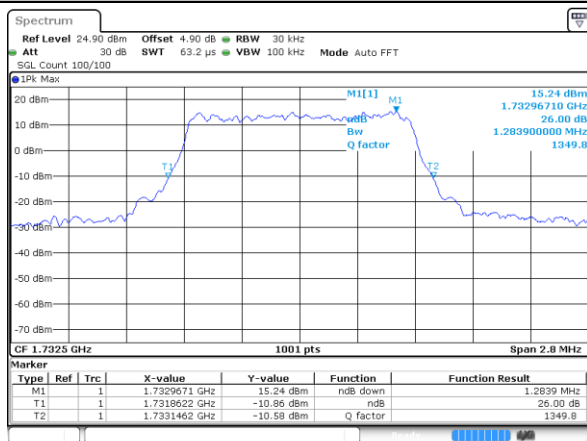
Date: 10 APR 2018 15:07:47

Lowest Channel / 1.4MHz / 16QAM



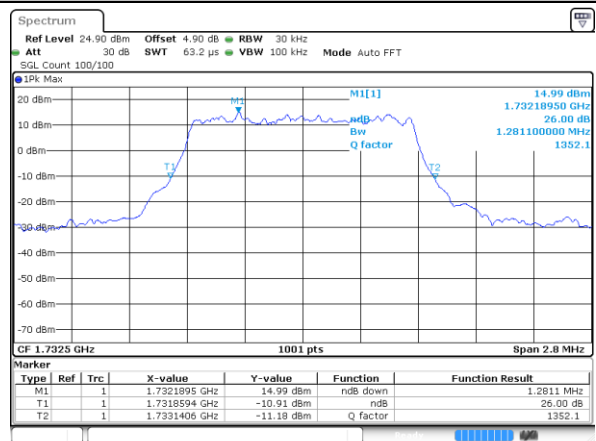
Date: 10 APR 2018 15:07:58

Middle Channel / 1.4MHz / QPSK



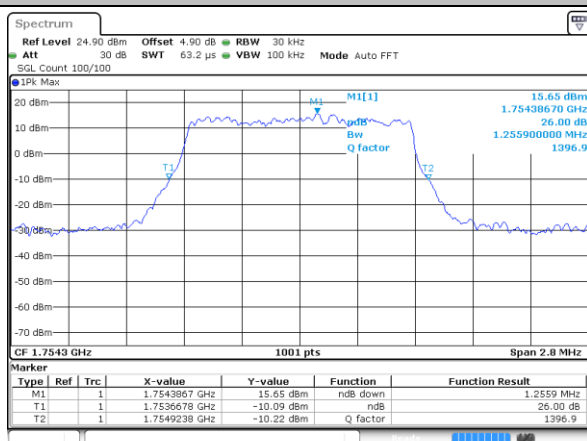
Date: 10 APR 2018 15:14:54

Middle Channel / 1.4MHz / 16QAM



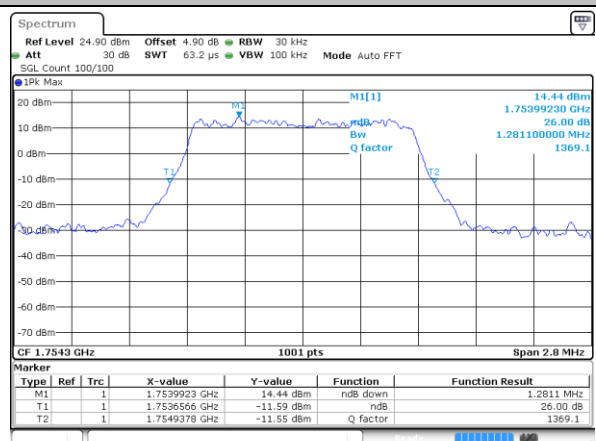
Date: 10 APR 2018 15:15:04

Highest Channel / 1.4MHz / QPSK



Date: 10 APR 2018 15:17:27

Highest Channel / 1.4MHz / 16QAM

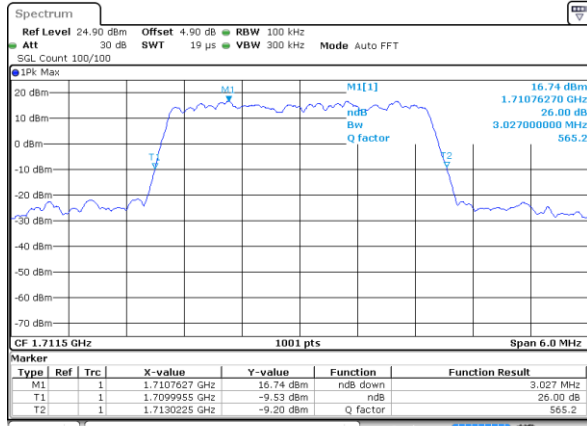


Date: 10 APR 2018 15:17:38

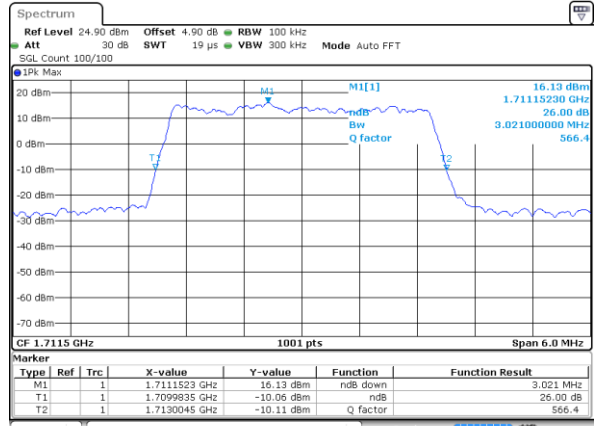


LTE Band 4

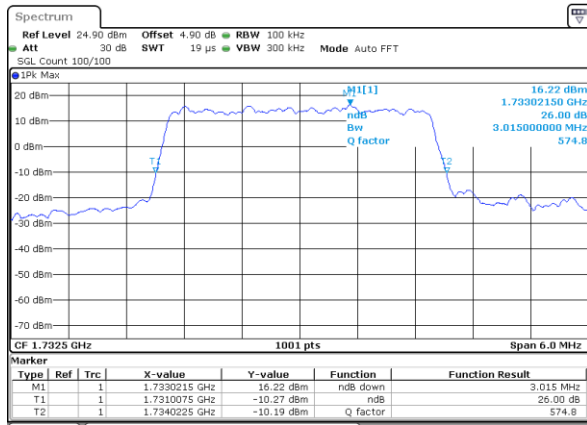
Lowest Channel / 3MHz / QPSK



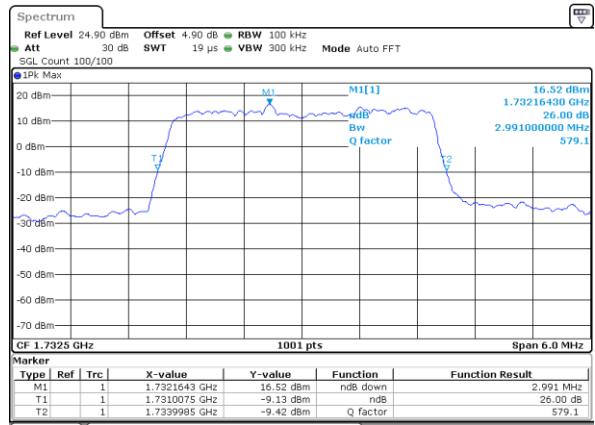
Lowest Channel / 3MHz / 16QAM



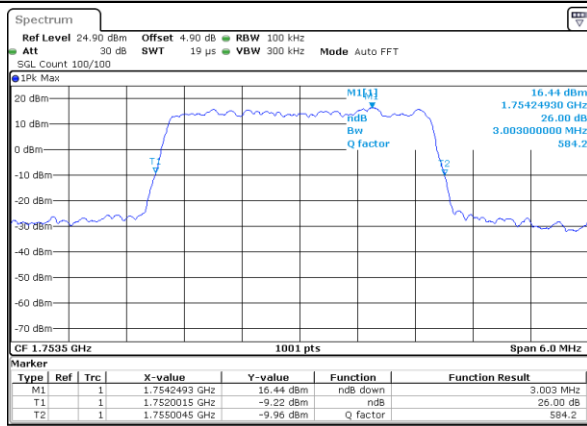
Middle Channel / 3MHz / QPSK



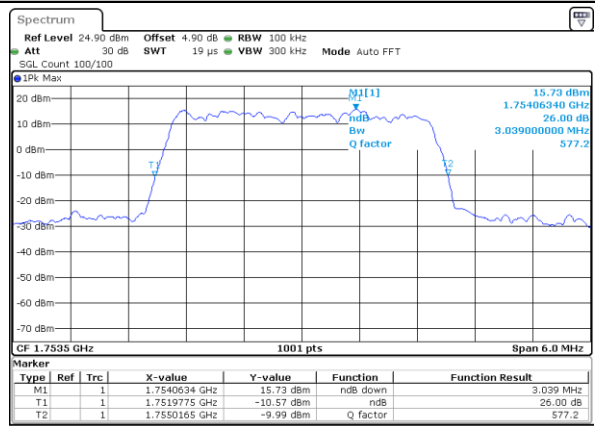
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



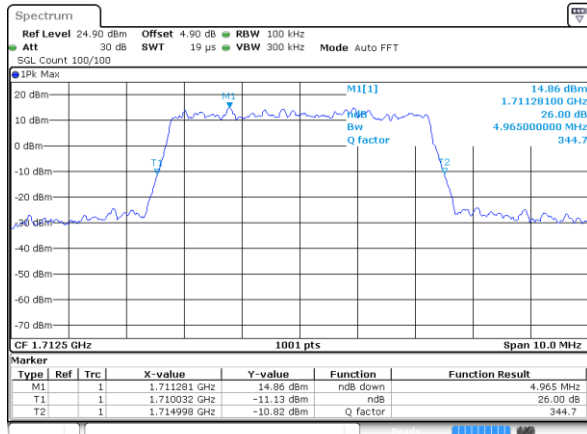
Highest Channel / 3MHz / 16QAM





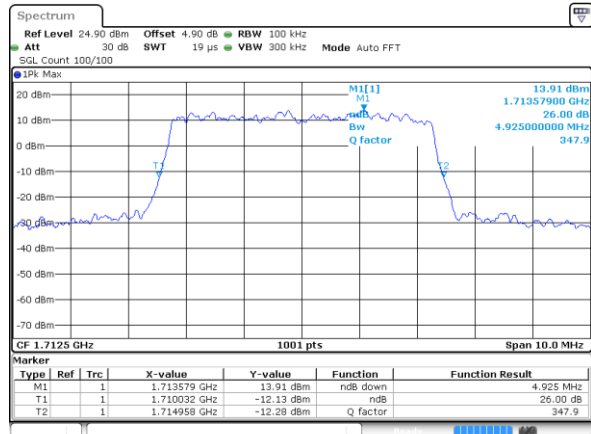
LTE Band 4

Lowest Channel / 5MHz / QPSK



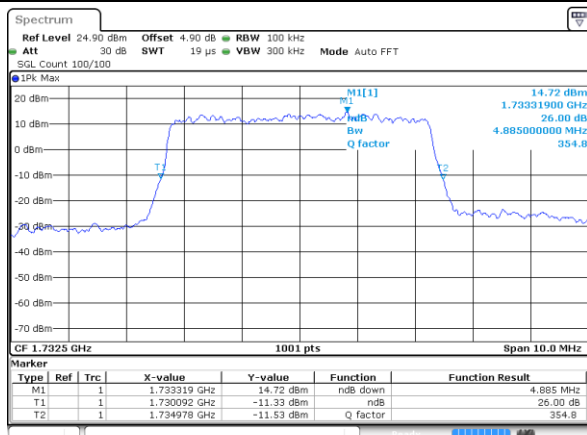
Date: 10 APR 2018 15:41:17

Lowest Channel / 5MHz / 16QAM



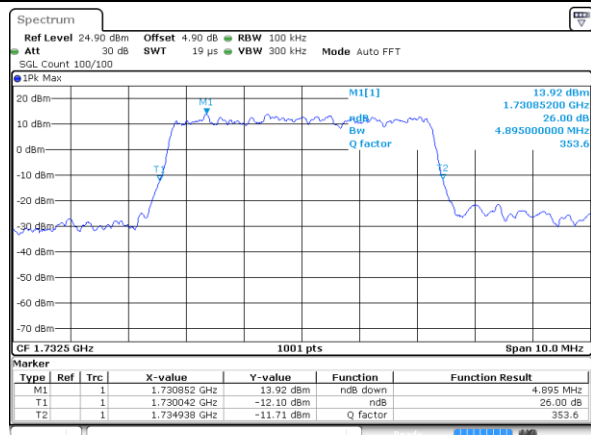
Date: 10 APR 2018 15:41:27

Middle Channel / 5MHz / QPSK



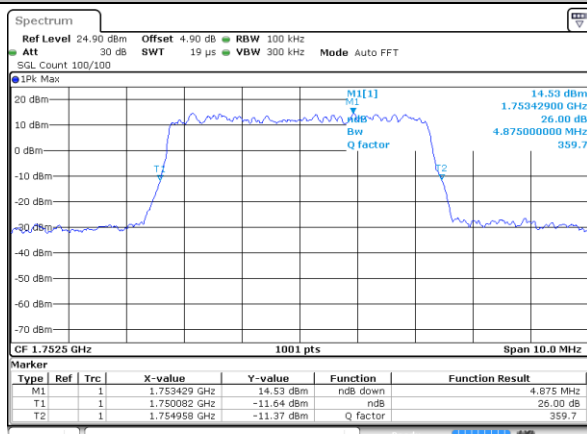
Date: 10 APR 2018 15:48:22

Middle Channel / 5MHz / 16QAM



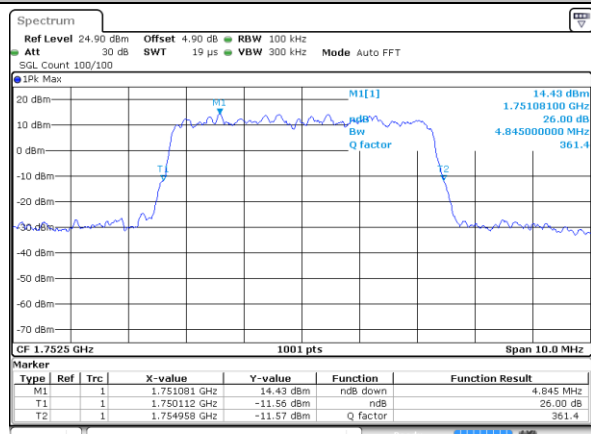
Date: 10 APR 2018 15:48:32

Highest Channel / 5MHz / QPSK



Date: 10 APR 2018 15:50:55

Highest Channel / 5MHz / 16QAM

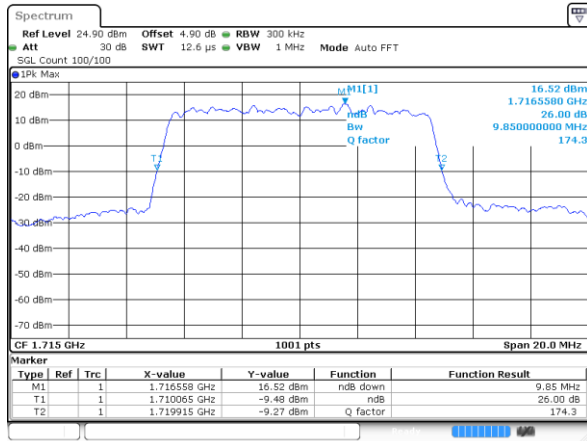


Date: 10 APR 2018 15:51:05



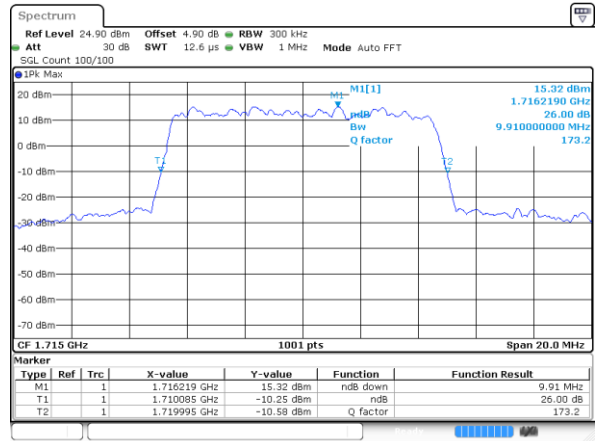
LTE Band 4

Lowest Channel / 10MHz / QPSK



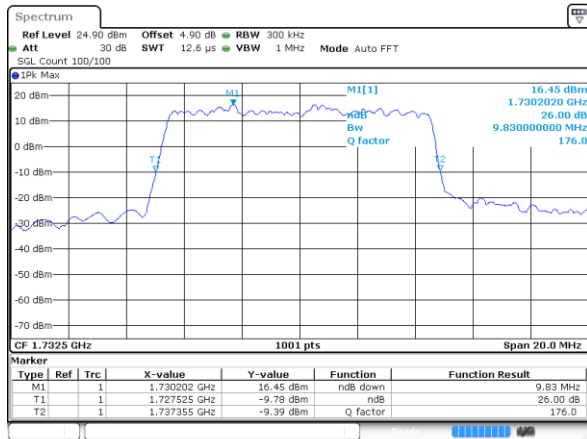
Date: 10 APR 2018 15:58:00

Lowest Channel / 10MHz / 16QAM



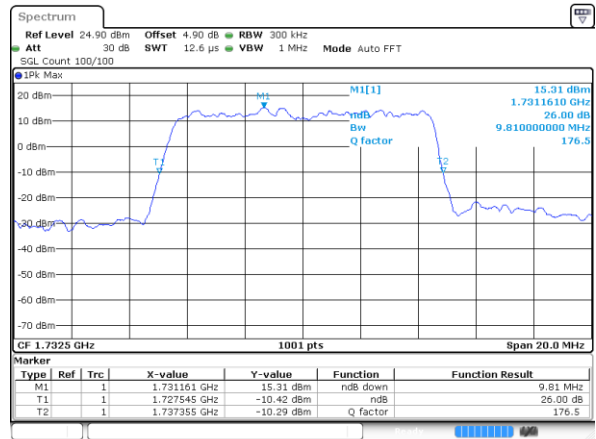
Date: 10 APR 2018 15:58:11

Middle Channel / 10MHz / QPSK



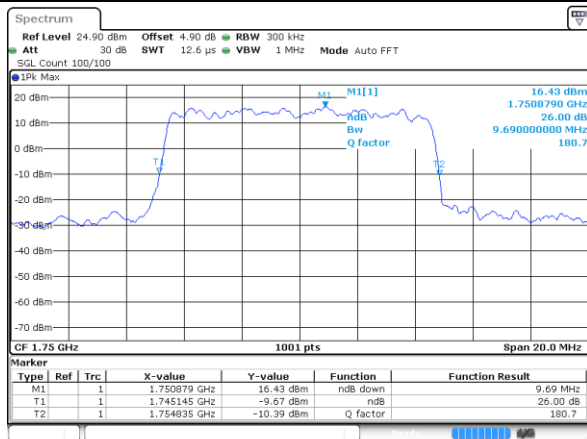
Date: 10 APR 2018 16:05:06

Middle Channel / 10MHz / 16QAM



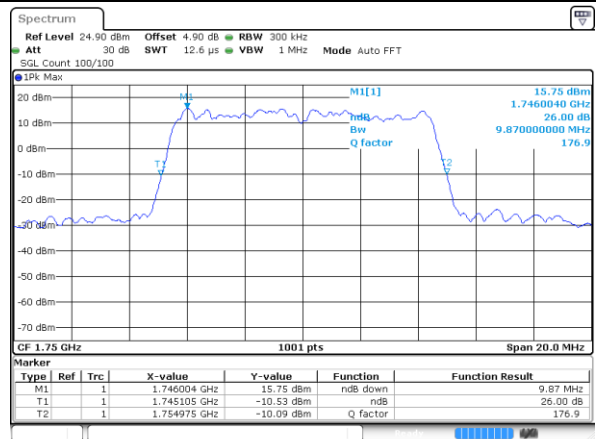
Date: 10 APR 2018 16:05:16

Highest Channel / 10MHz / QPSK



Date: 10 APR 2018 16:07:39

Highest Channel / 10MHz / 16QAM

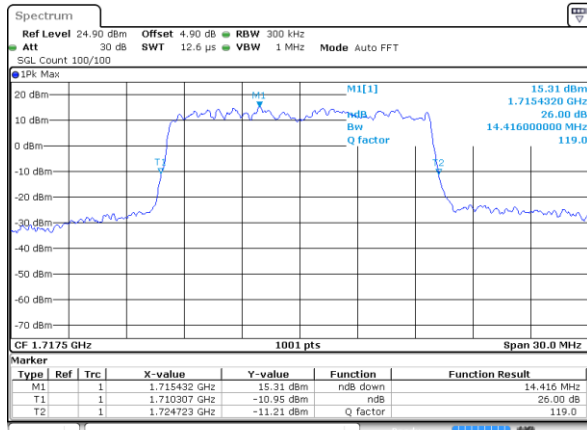


Date: 10 APR 2018 16:07:50



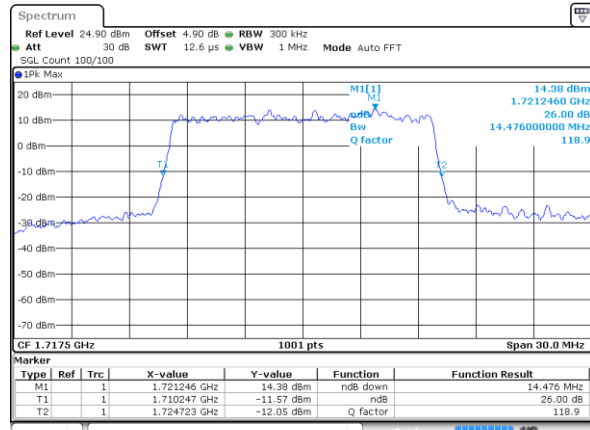
LTE Band 4

Lowest Channel / 15MHz / QPSK



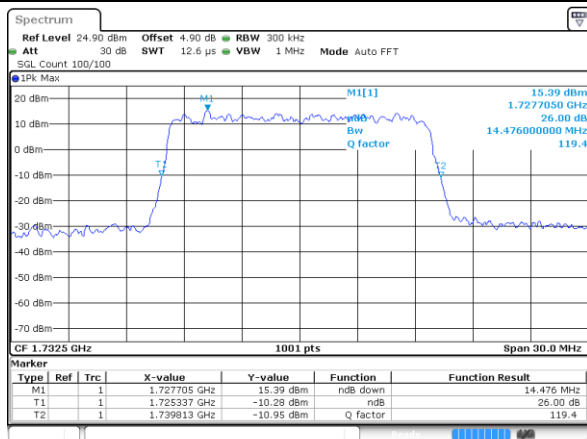
Date: 10 APR 2018 16:14:45

Lowest Channel / 15MHz / 16QAM



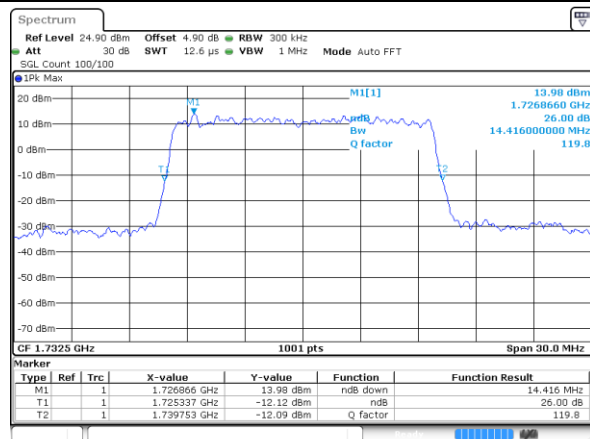
Date: 10 APR 2018 16:14:55

Middle Channel / 15MHz / QPSK



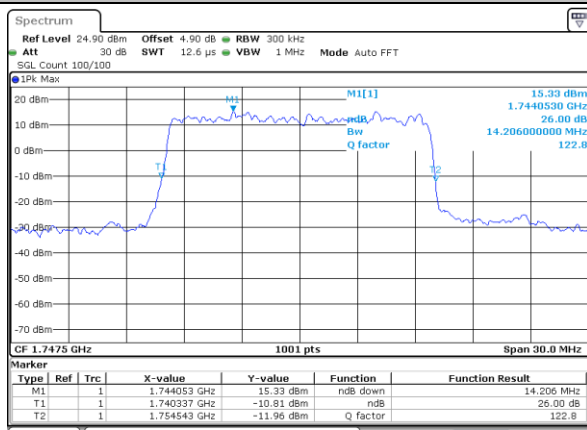
Date: 10 APR 2018 16:21:51

Middle Channel / 15MHz / 16QAM



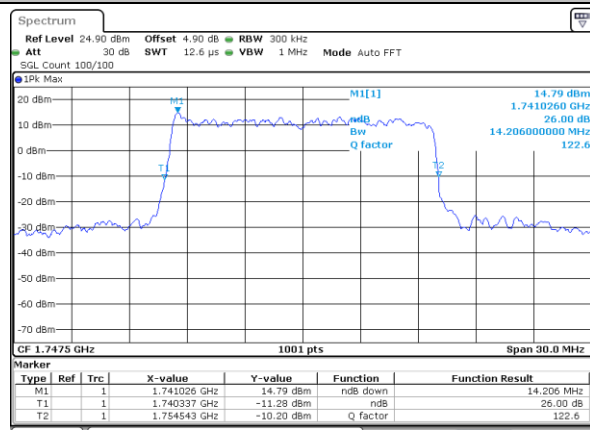
Date: 10 APR 2018 16:22:01

Highest Channel / 15MHz / QPSK



Date: 10 APR 2018 16:24:24

Highest Channel / 15MHz / 16QAM

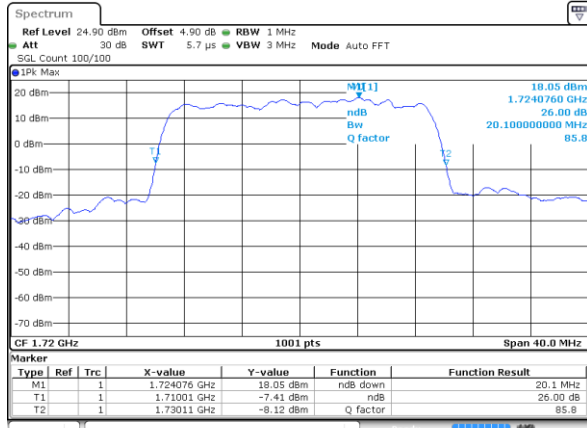


Date: 10 APR 2018 16:24:35



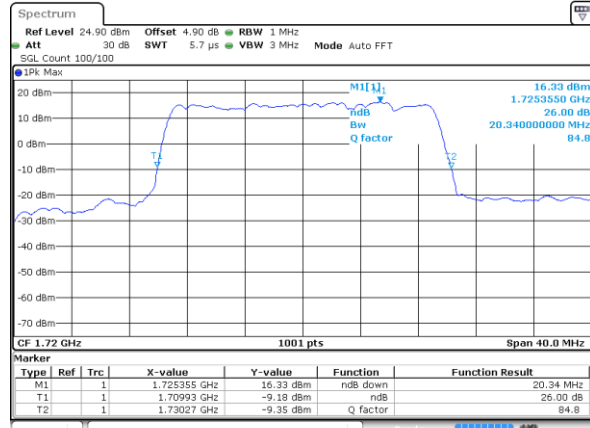
LTE Band 4

Lowest Channel / 20MHz / QPSK



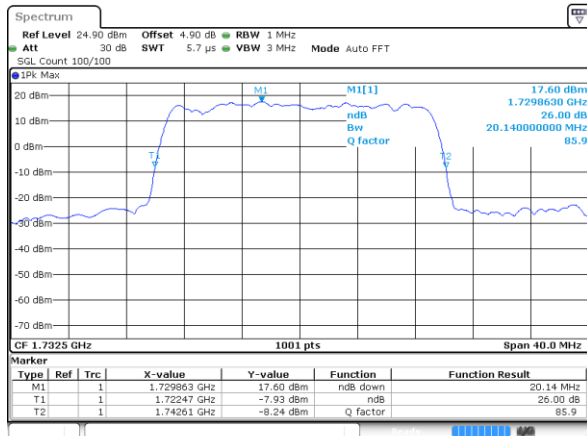
Date: 10 APR 2018 16:31:31

Lowest Channel / 20MHz / 16QAM



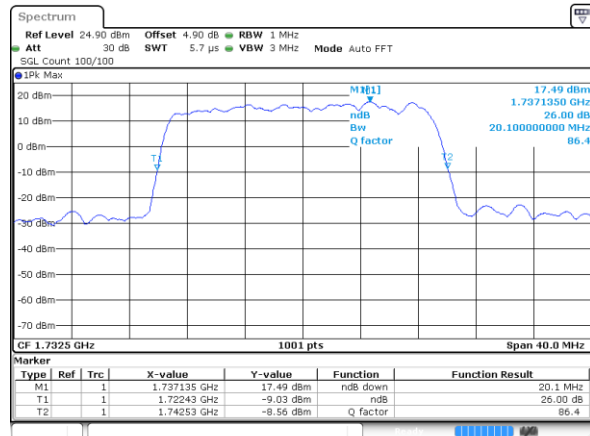
Date: 10 APR 2018 16:31:42

Middle Channel / 20MHz / QPSK



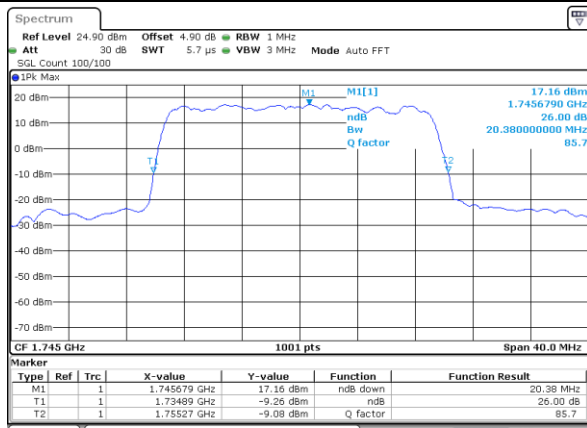
Date: 10 APR 2018 16:38:37

Middle Channel / 20MHz / 16QAM



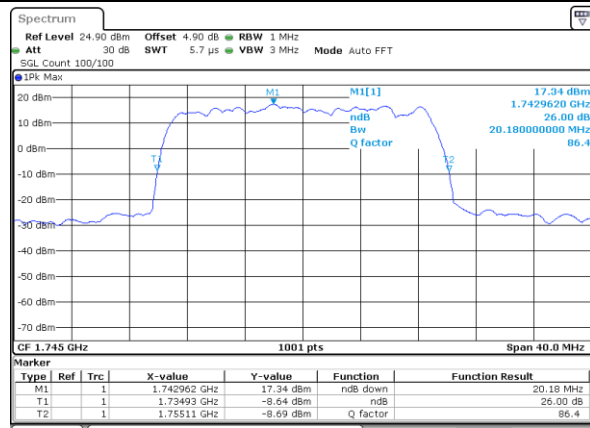
Date: 10 APR 2018 16:38:48

Highest Channel / 20MHz / QPSK



Date: 10 APR 2018 16:41:11

Highest Channel / 20MHz / 16QAM

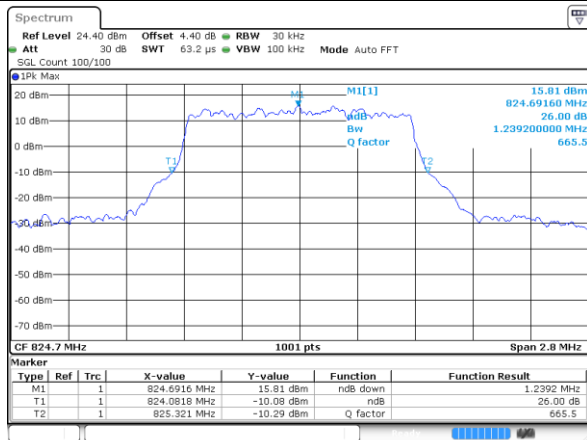


Date: 10 APR 2018 16:41:21

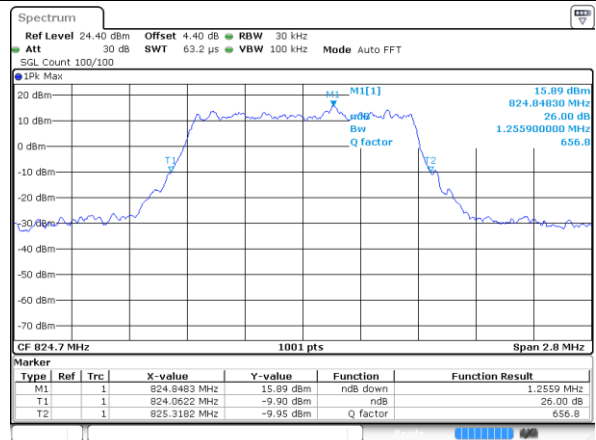


LTE Band 5

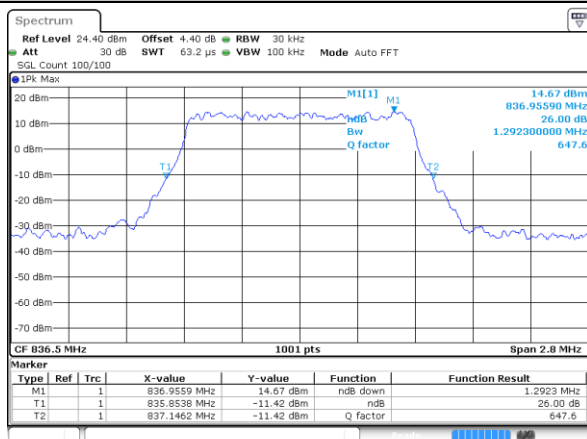
Lowest Channel / 1.4MHz / QPSK



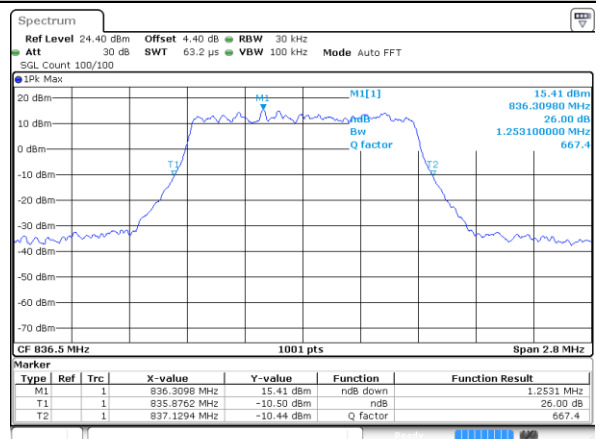
Lowest Channel / 1.4MHz / 16QAM



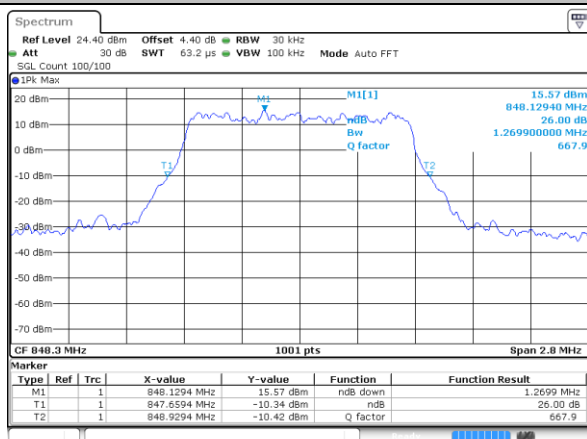
Middle Channel / 1.4MHz / QPSK



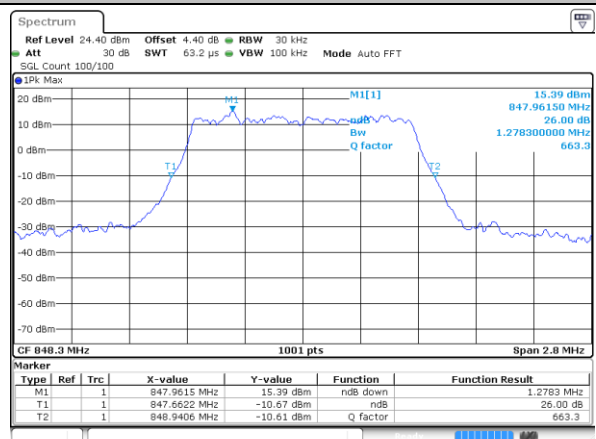
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



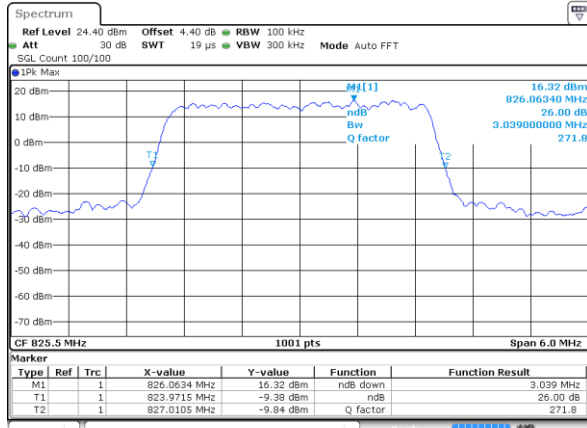
Highest Channel / 1.4MHz / 16QAM



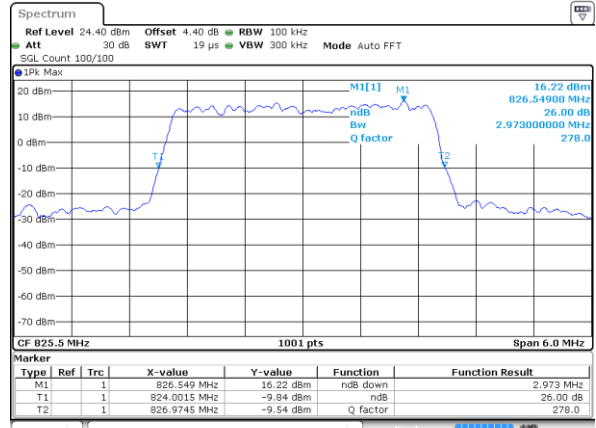


LTE Band 5

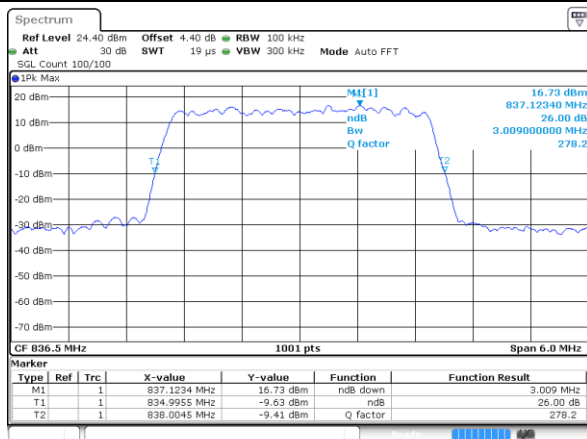
Lowest Channel / 3MHz / QPSK



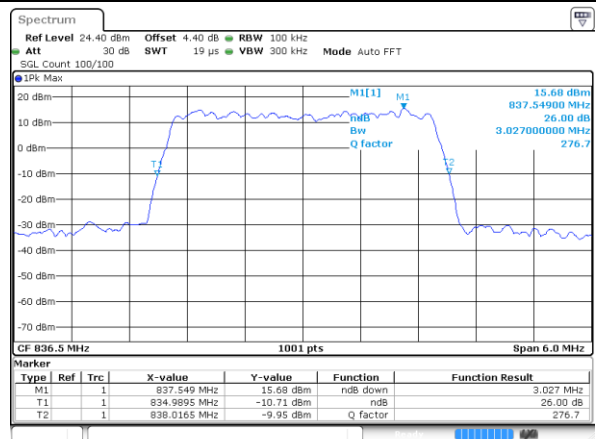
Lowest Channel / 3MHz / 16QAM



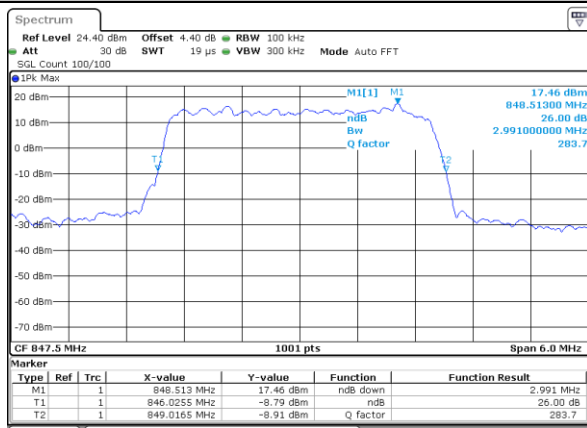
Middle Channel / 3MHz / QPSK



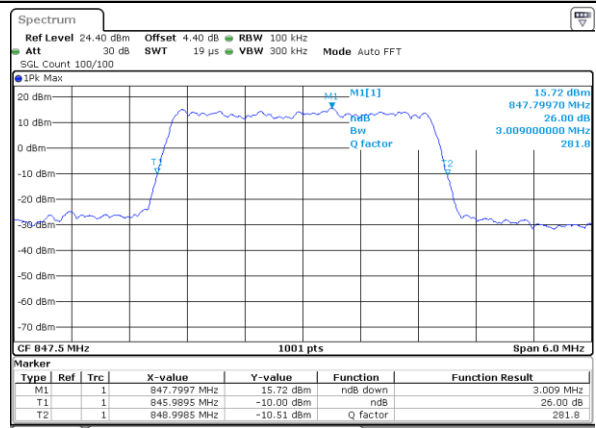
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



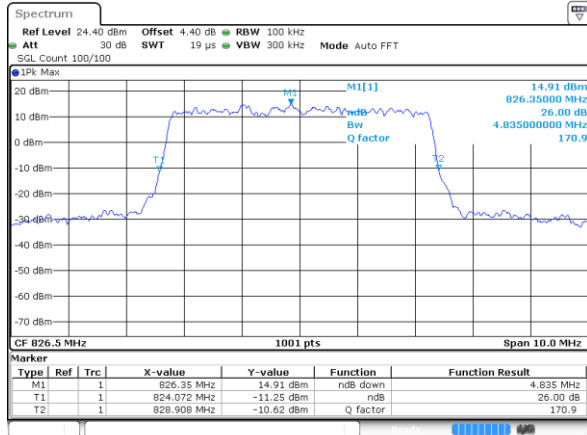
Highest Channel / 3MHz / 16QAM





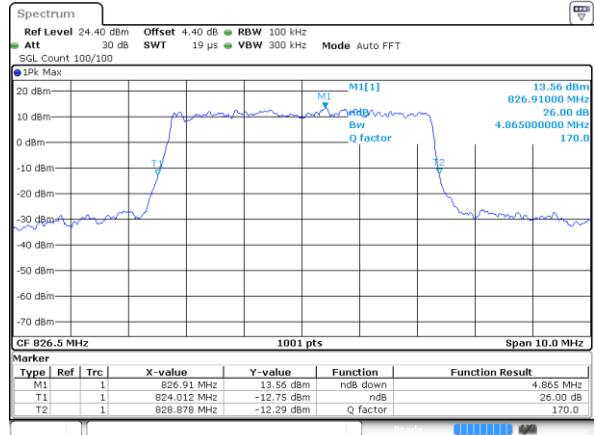
LTE Band 5

Lowest Channel / 5MHz / QPSK



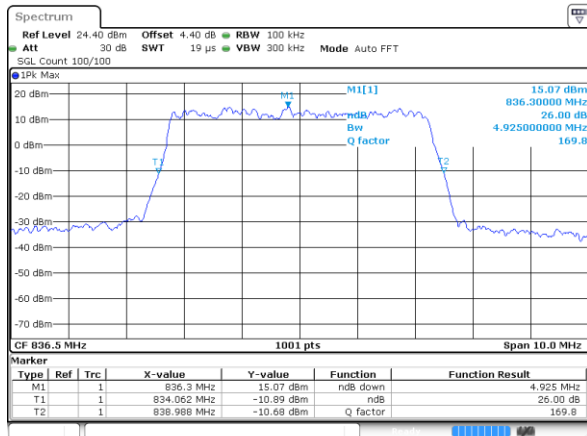
Date: 10 APR 2018 18:11:07

Lowest Channel / 5MHz / 16QAM



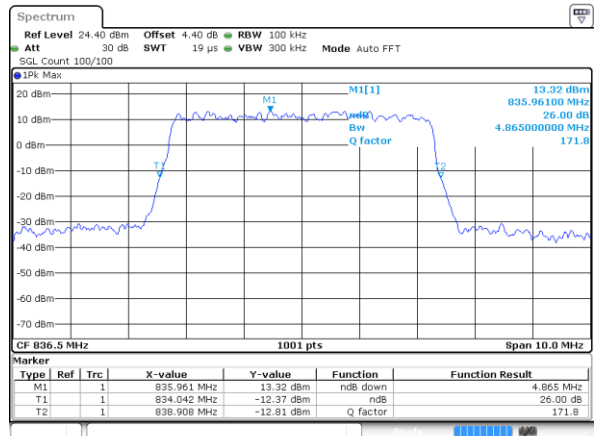
Date: 10 APR 2018 18:11:17

Middle Channel / 5MHz / QPSK



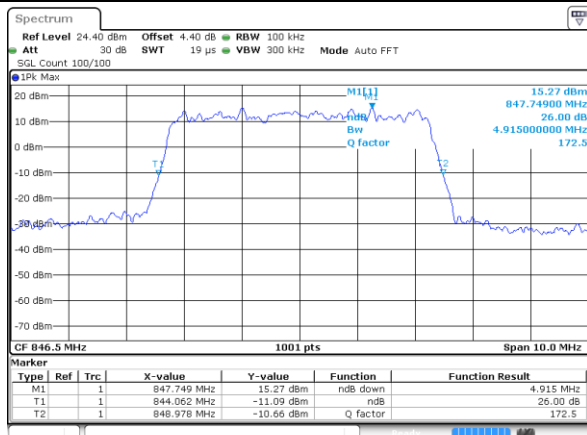
Date: 10 APR 2018 18:20:12

Middle Channel / 5MHz / 16QAM



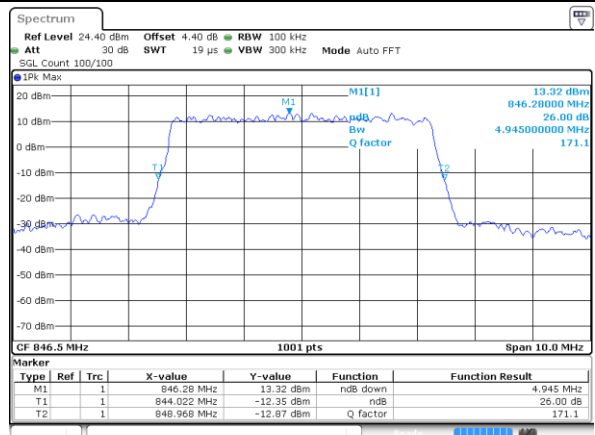
Date: 10 APR 2018 18:20:23

Highest Channel / 5MHz / QPSK



Date: 10 APR 2018 18:22:45

Highest Channel / 5MHz / 16QAM

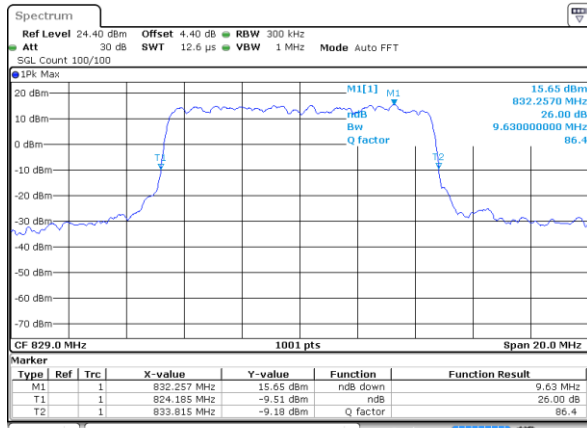


Date: 10 APR 2018 18:22:56

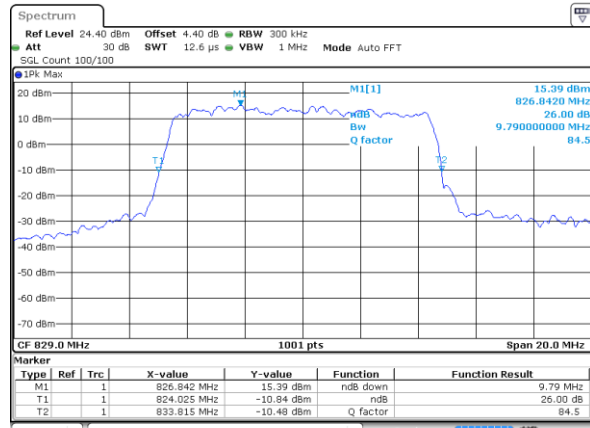


LTE Band 5

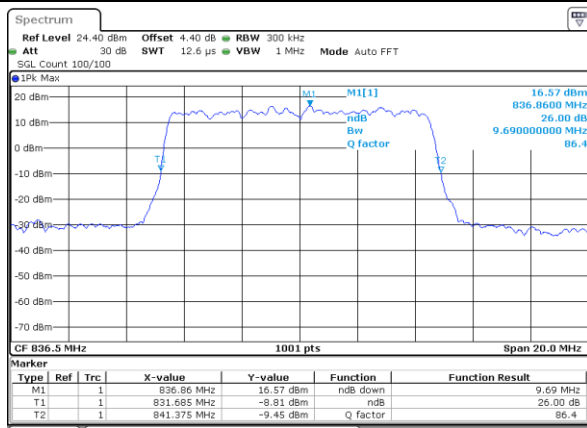
Lowest Channel / 10MHz / QPSK



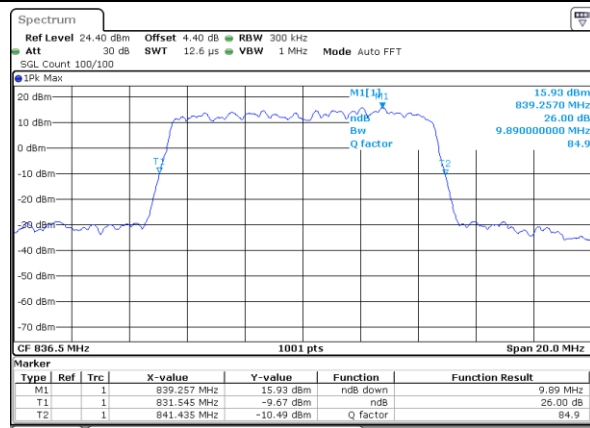
Lowest Channel / 10MHz / 16QAM



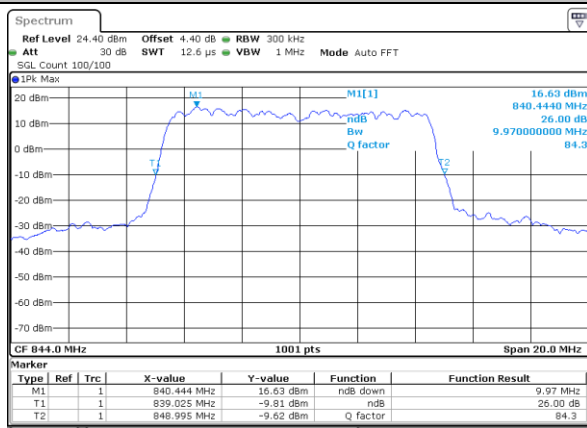
Middle Channel / 10MHz / QPSK



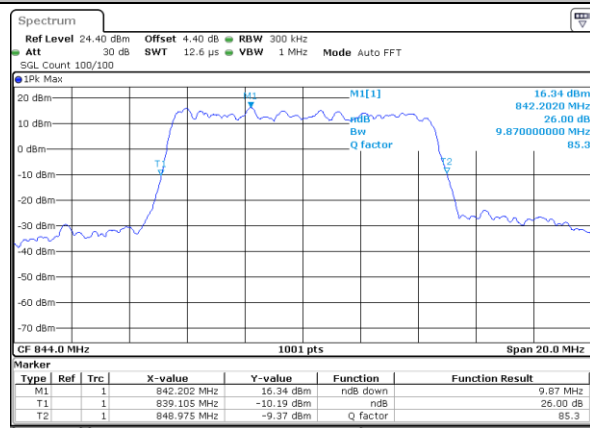
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



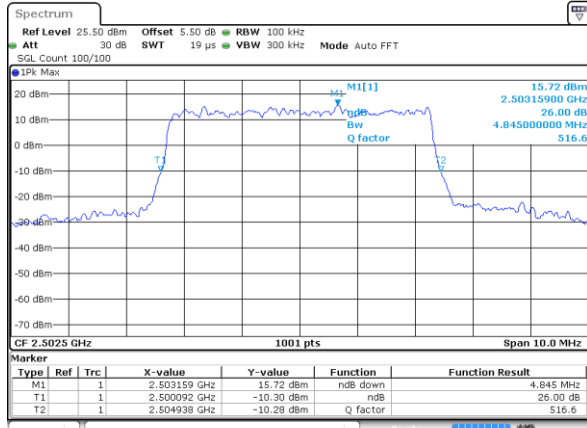
Highest Channel / 10MHz / 16QAM





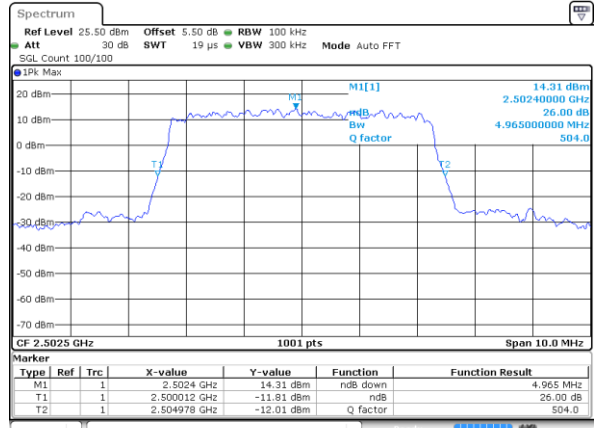
LTE Band 7

Lowest Channel / 5MHz / QPSK



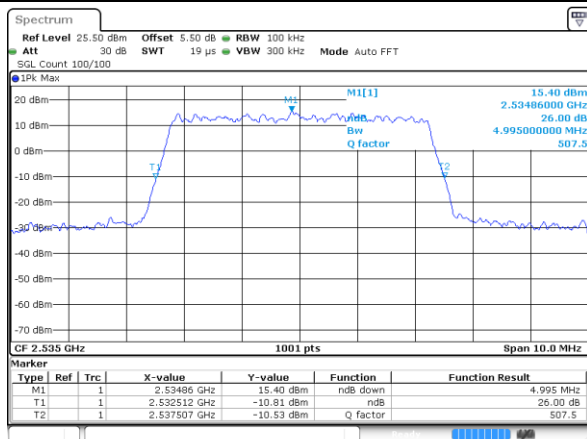
Date: 10 APR 2018 19:40:02

Lowest Channel / 5MHz / 16QAM



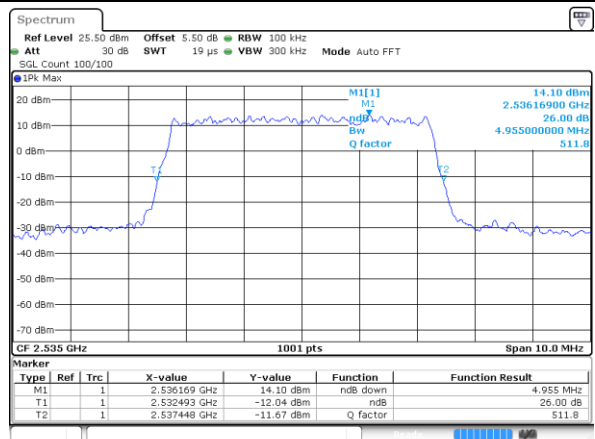
Date: 10 APR 2018 19:40:21

Middle Channel / 5MHz / QPSK



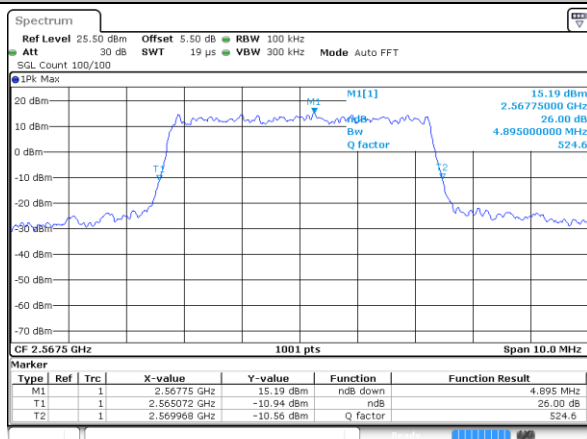
Date: 10 APR 2018 19:41:01

Middle Channel / 5MHz / 16QAM



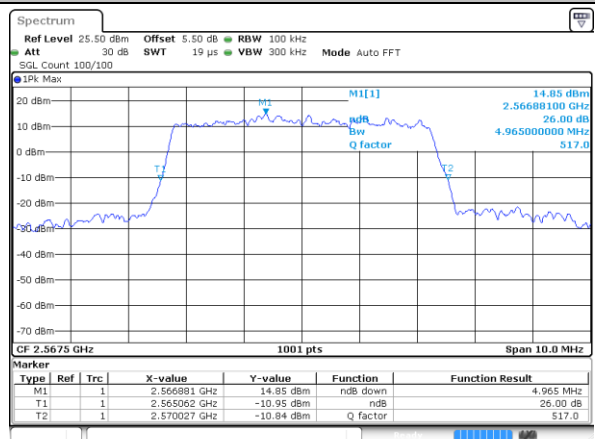
Date: 10 APR 2018 19:41:41

Highest Channel / 5MHz / QPSK



Date: 10 APR 2018 19:41:21

Highest Channel / 5MHz / 16QAM

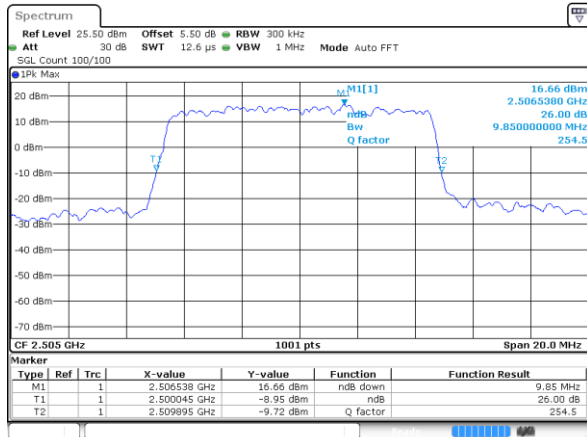


Date: 10 APR 2018 19:41:40



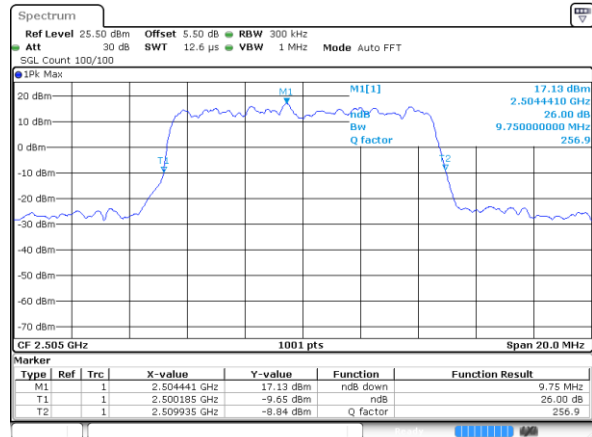
LTE Band 7

Lowest Channel / 10MHz / QPSK



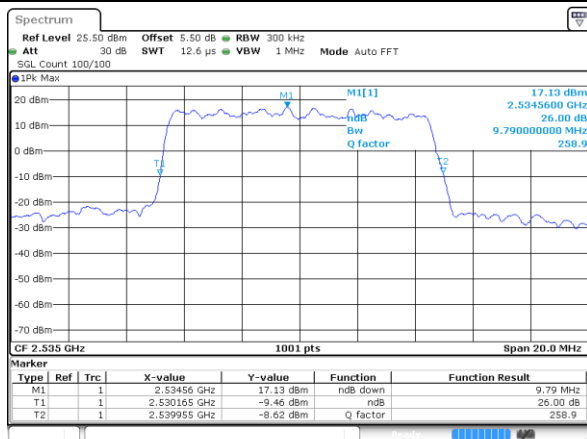
Date: 10 APR 2018 19:56:27

Lowest Channel / 10MHz / 16QAM



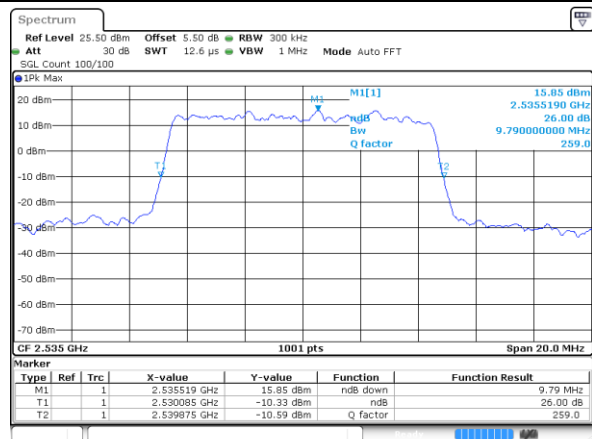
Date: 10 APR 2018 19:56:46

Middle Channel / 10MHz / QPSK



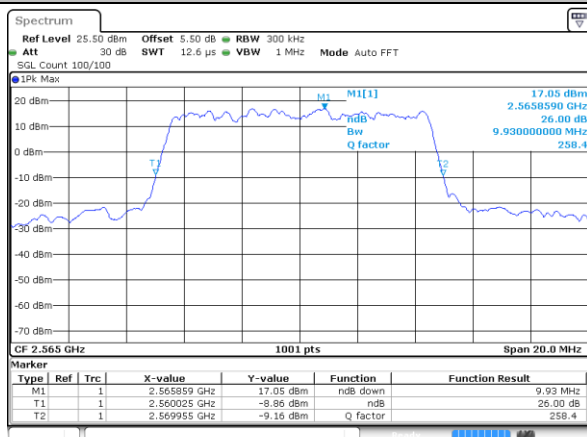
Date: 10 APR 2018 19:57:26

Middle Channel / 10MHz / 16QAM



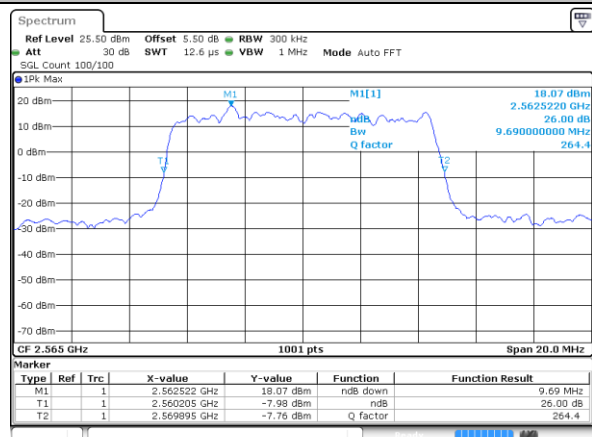
Date: 10 APR 2018 19:57:06

Highest Channel / 10MHz / QPSK



Date: 10 APR 2018 19:57:46

Highest Channel / 10MHz / 16QAM

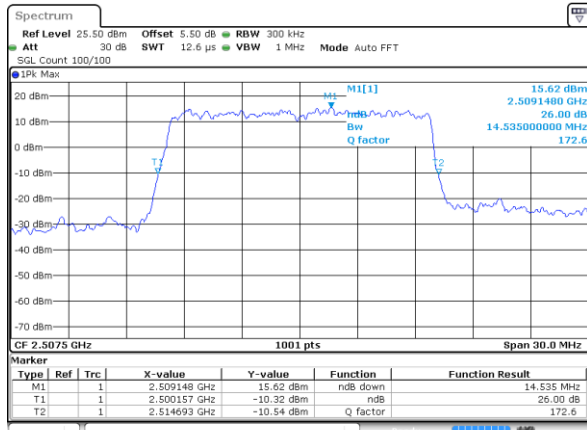


Date: 10 APR 2018 19:58:05



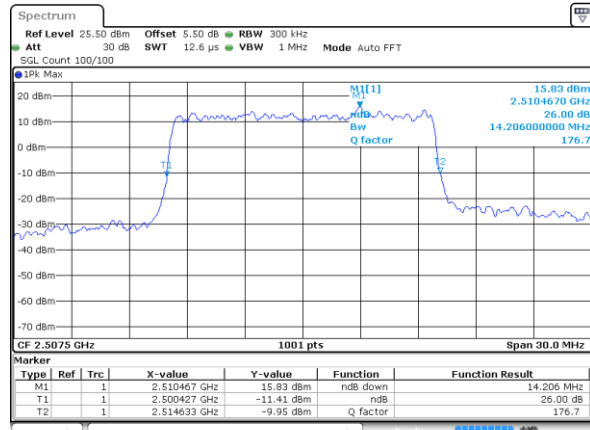
LTE Band 7

Lowest Channel / 15MHz / QPSK



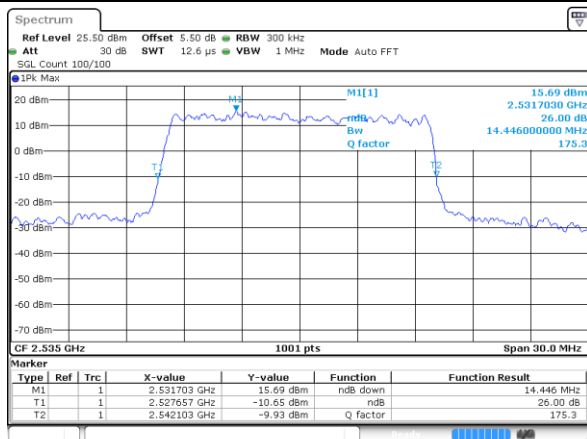
Date: 10 APR 2018 20:13:10

Lowest Channel / 15MHz / 16QAM



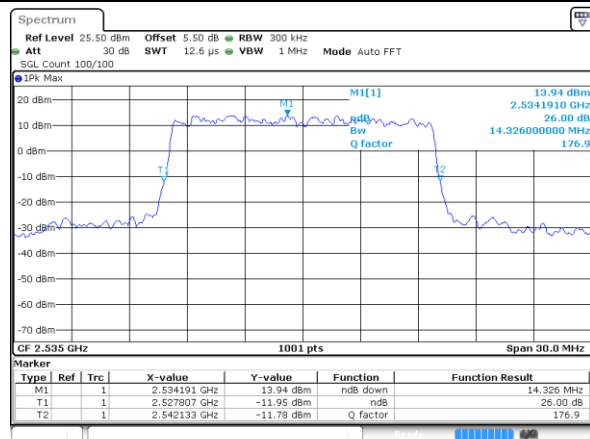
Date: 10 APR 2018 20:12:51

Middle Channel / 15MHz / QPSK



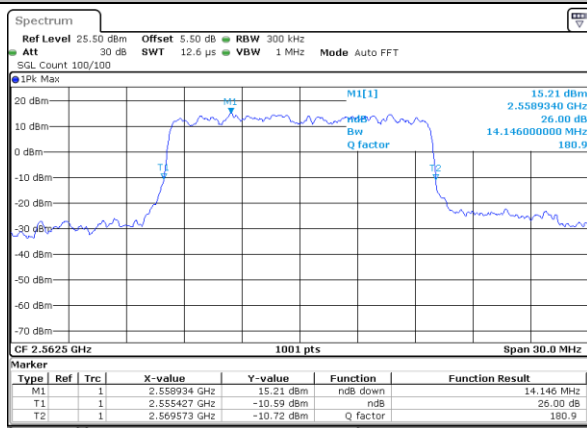
Date: 10 APR 2018 20:13:30

Middle Channel / 15MHz / 16QAM



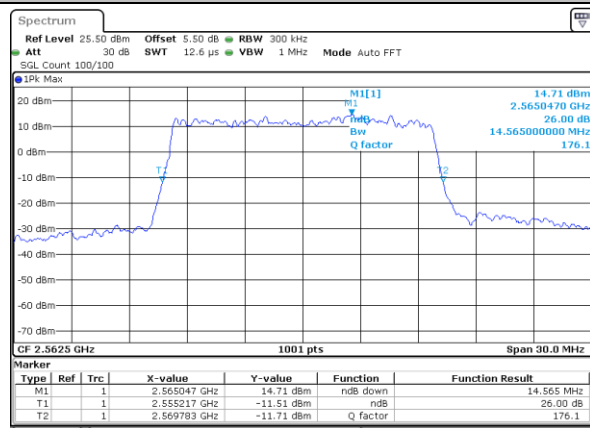
Date: 10 APR 2018 20:15:50

Highest Channel / 15MHz / QPSK



Date: 10 APR 2018 20:14:29

Highest Channel / 15MHz / 16QAM

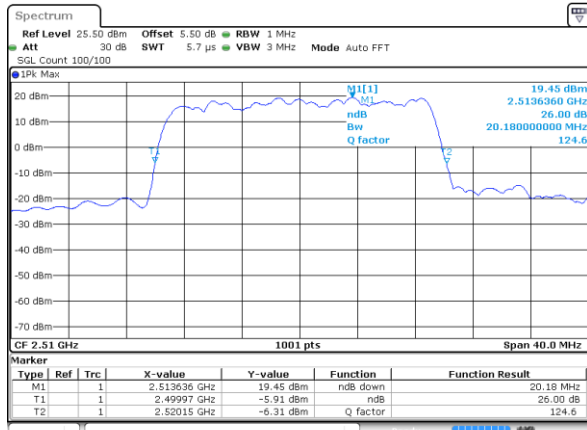


Date: 10 APR 2018 20:14:10



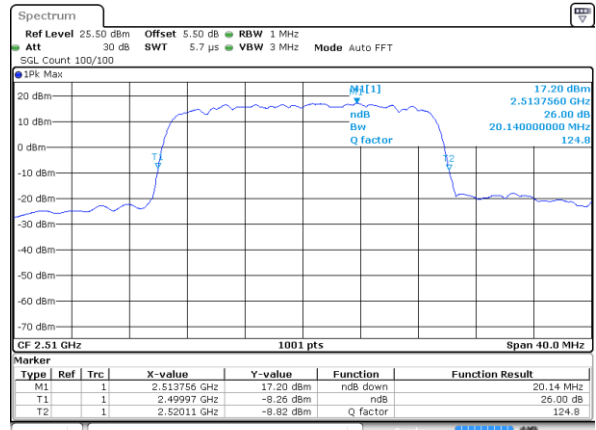
LTE Band 7

Lowest Channel / 20MHz / QPSK



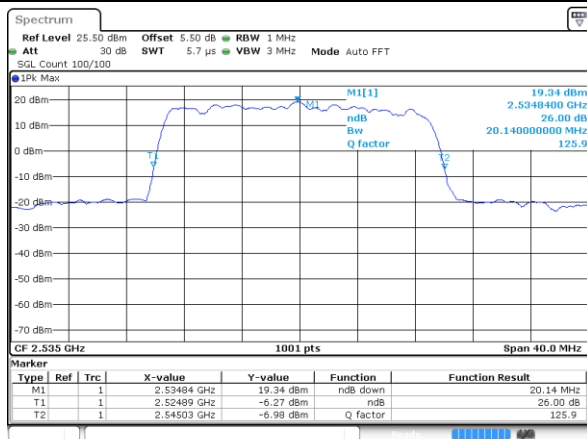
Date: 10 APR 2018 20:29:34

Lowest Channel / 20MHz / 16QAM



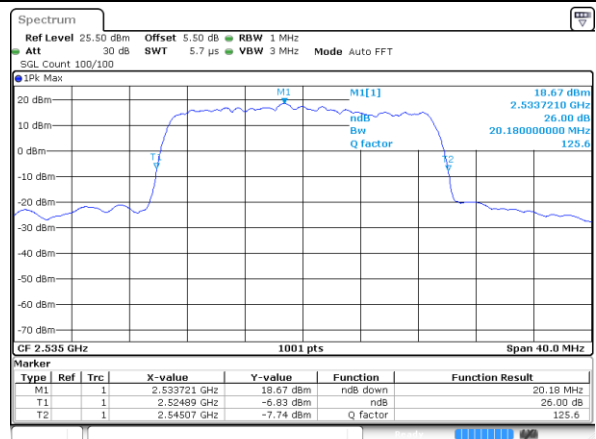
Date: 10 APR 2018 20:29:15

Middle Channel / 20MHz / QPSK



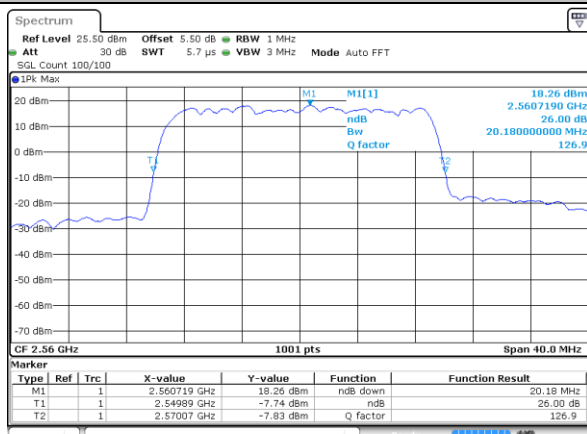
Date: 10 APR 2018 20:29:54

Middle Channel / 20MHz / 16QAM



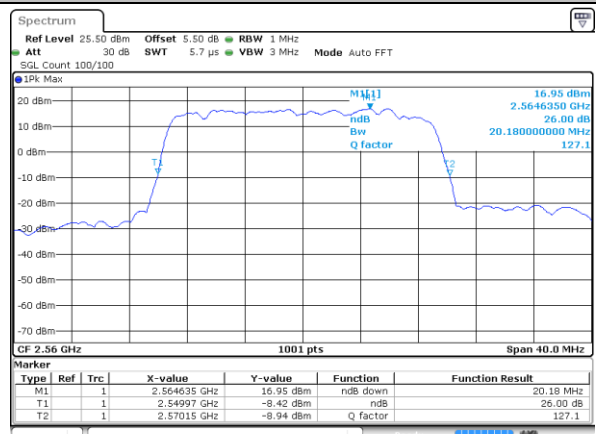
Date: 10 APR 2018 20:30:14

Highest Channel / 20MHz / QPSK



Date: 10 APR 2018 20:30:53

Highest Channel / 20MHz / 16QAM

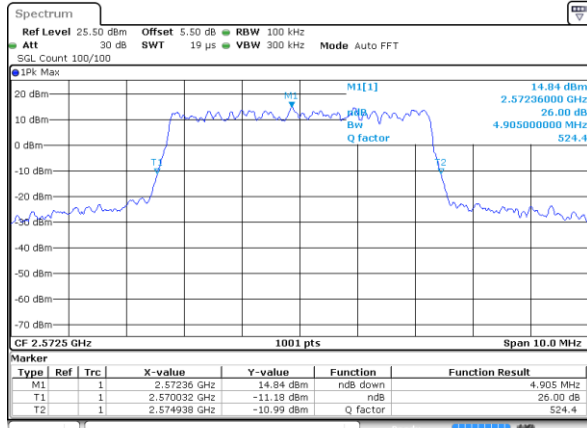


Date: 10 APR 2018 20:30:34



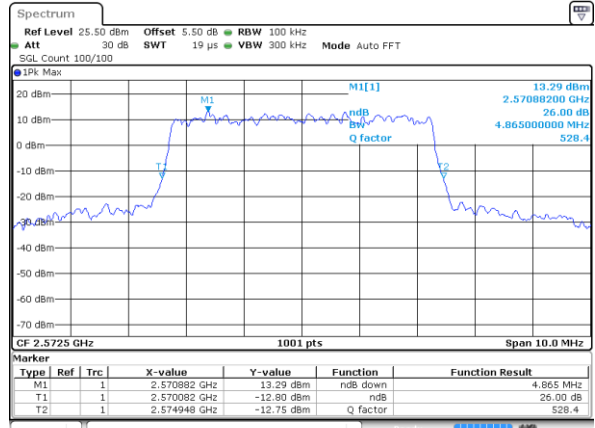
LTE Band 38

Lowest Channel / 5MHz / QPSK



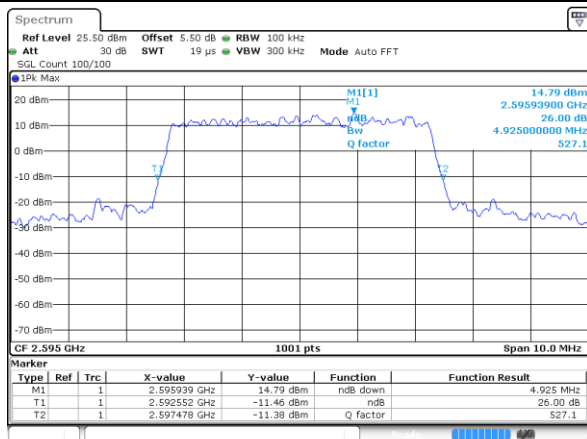
Date: 11 APR 2018 09:22:07

Lowest Channel / 5MHz / 16QAM



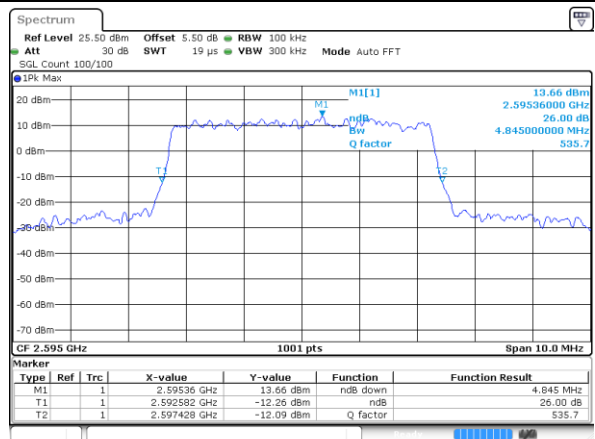
Date: 11 APR 2018 09:21:42

Middle Channel / 5MHz / QPSK



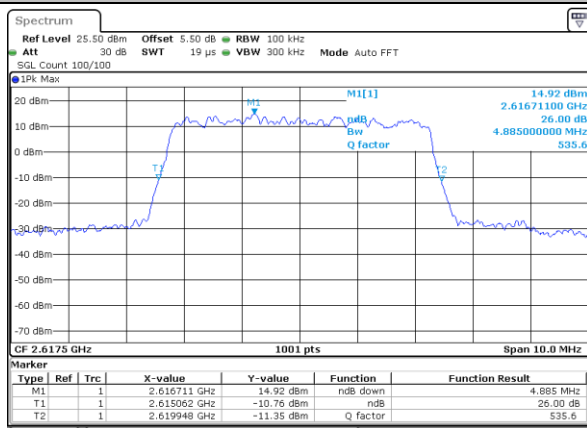
Date: 11 APR 2018 09:12:52

Middle Channel / 5MHz / 16QAM



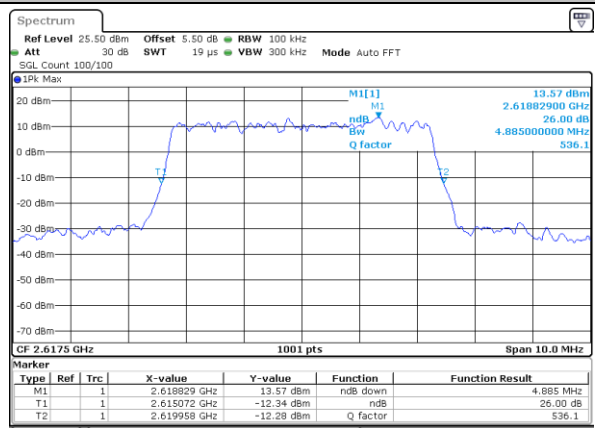
Date: 11 APR 2018 09:13:03

Highest Channel / 5MHz / QPSK



Date: 11 APR 2018 09:13:35

Highest Channel / 5MHz / 16QAM

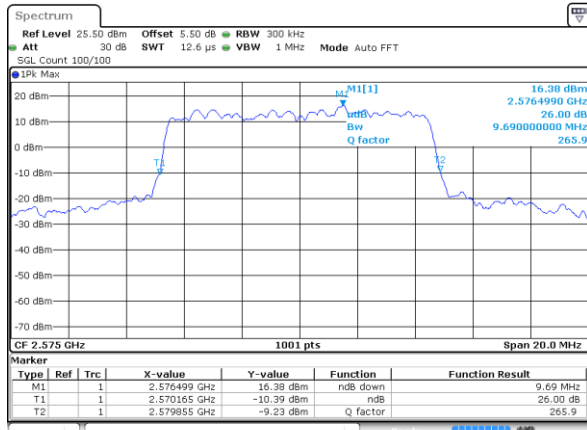


Date: 11 APR 2018 09:13:45



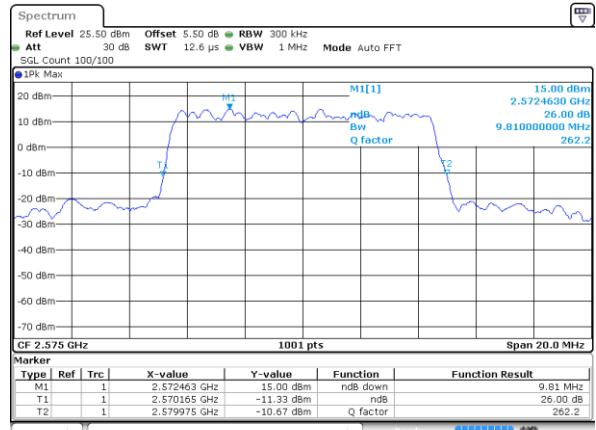
LTE Band 38

Lowest Channel / 10MHz / QPSK



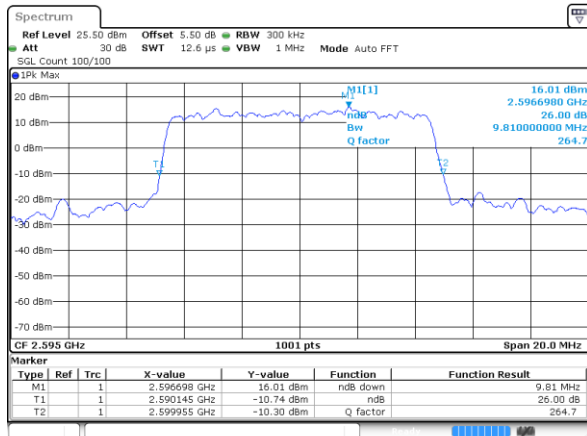
Date: 11 APR 2018 09:14:52

Lowest Channel / 10MHz / 16QAM



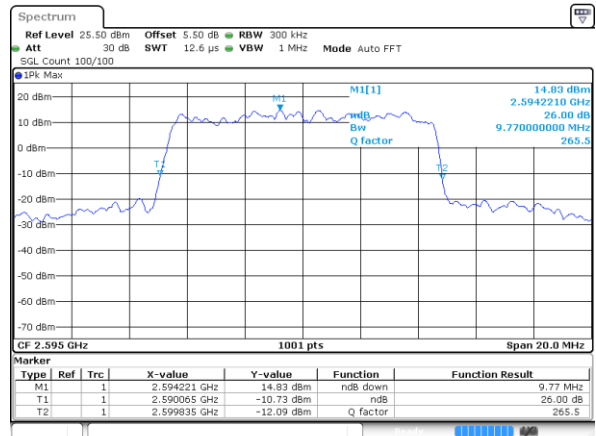
Date: 11 APR 2018 09:15:03

Middle Channel / 10MHz / QPSK



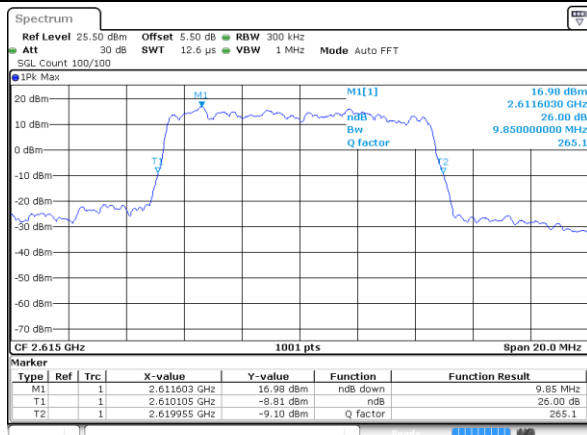
Date: 11 APR 2018 09:15:35

Middle Channel / 10MHz / 16QAM



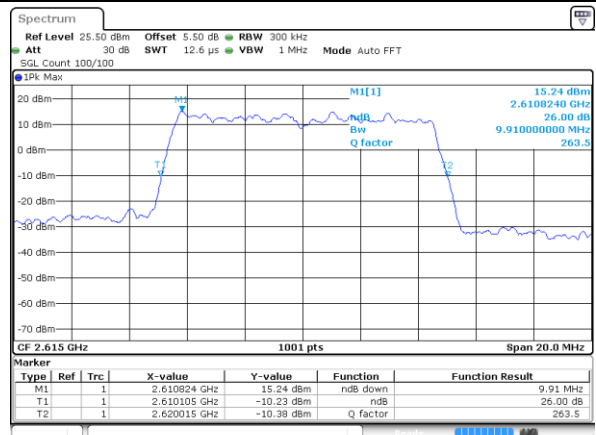
Date: 11 APR 2018 09:15:45

Highest Channel / 10MHz / QPSK



Date: 11 APR 2018 09:16:18

Highest Channel / 10MHz / 16QAM

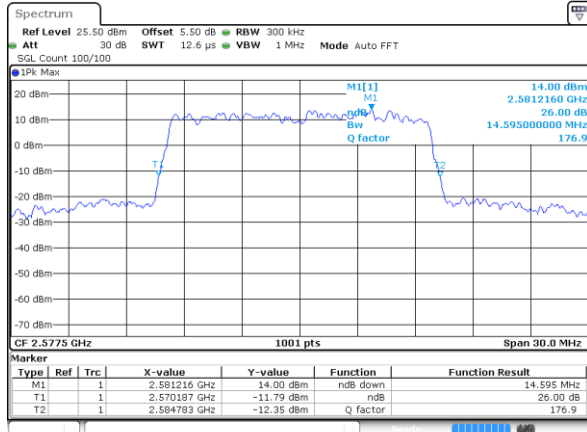


Date: 11 APR 2018 09:16:28



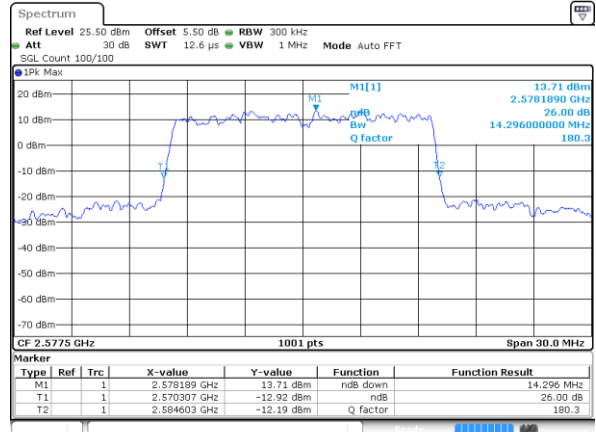
LTE Band 38

Lowest Channel / 15MHz / QPSK



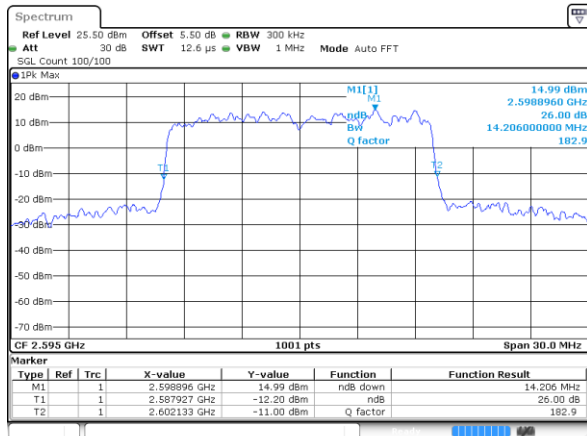
Date: 11 APR 2018 09:17:00

Lowest Channel / 15MHz / 16QAM



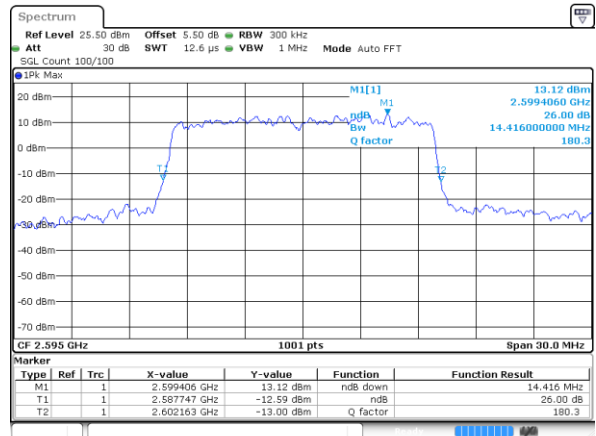
Date: 11 APR 2018 09:17:11

Middle Channel / 15MHz / QPSK



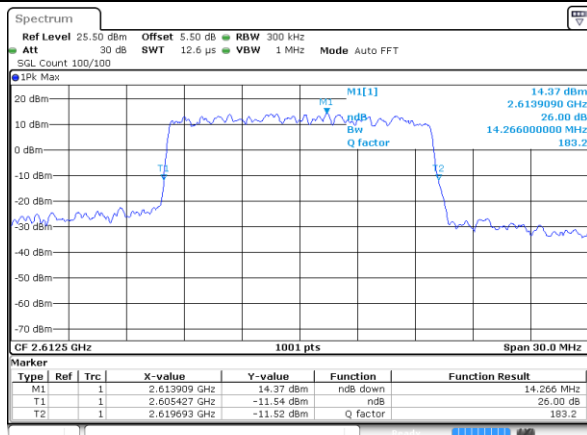
Date: 11 APR 2018 09:17:43

Middle Channel / 15MHz / 16QAM



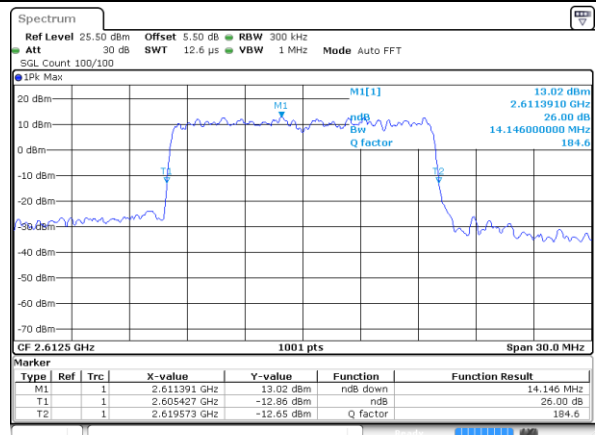
Date: 11 APR 2018 09:17:54

Highest Channel / 15MHz / QPSK



Date: 11 APR 2018 09:18:26

Highest Channel / 15MHz / 16QAM

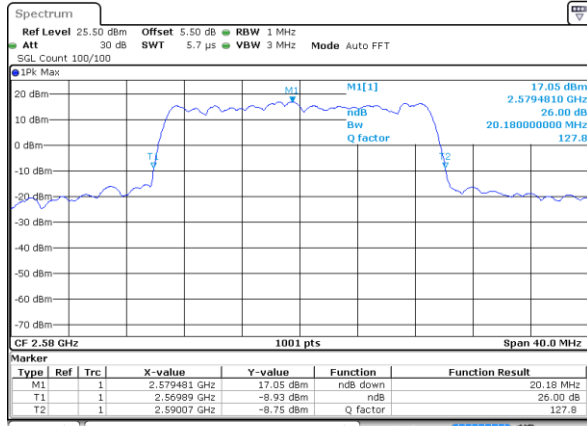


Date: 11 APR 2018 09:18:37

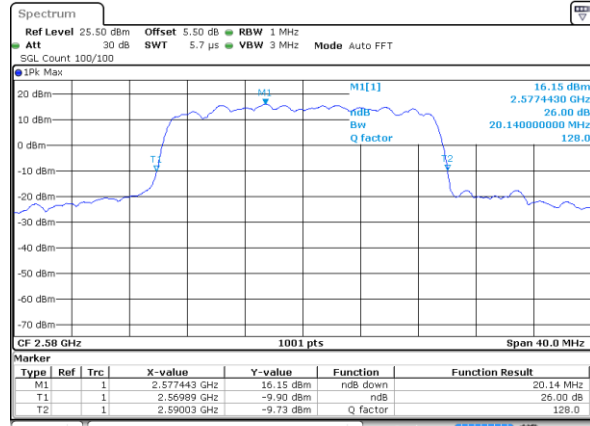


LTE Band 38

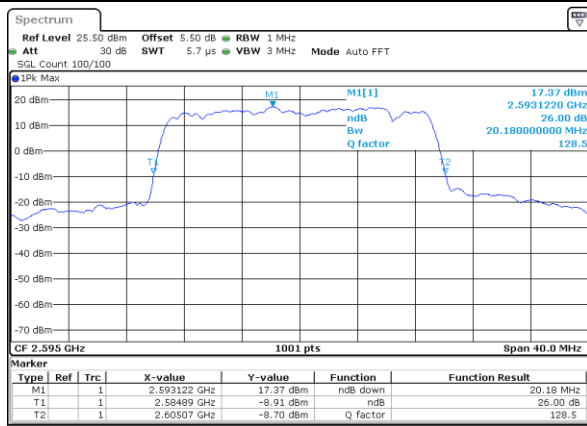
Lowest Channel / 20MHz / QPSK



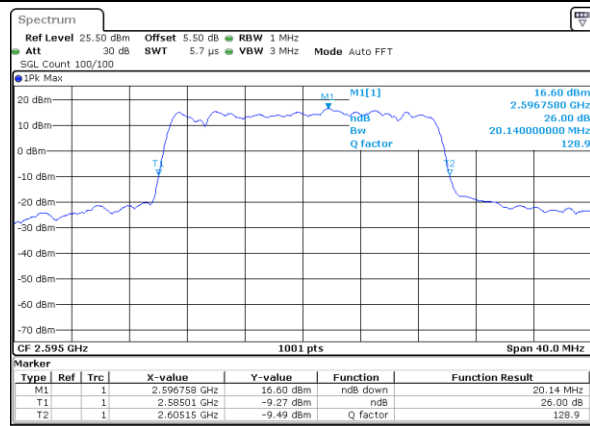
Lowest Channel / 20MHz / 16QAM



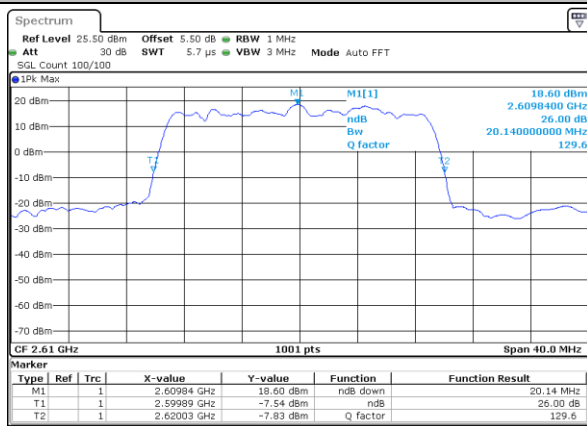
Middle Channel / 20MHz / QPSK



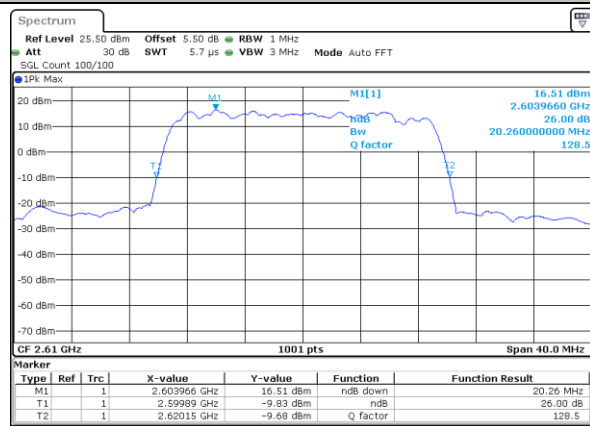
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM





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	1.09	2.72	2.74	4.49	4.48	9.03	8.99	13.43	13.40	18.5	18.26
Middle CH	1.09	1.10	2.72	2.73	4.48	4.49	8.99	8.99	13.40	13.43	18.22	18.30
Highest CH	1.09	1.09	2.72	2.73	4.48	4.48	8.99	8.99	13.37	13.40	18.30	18.18

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	1.09	1.09	2.73	2.73	4.48	4.51	9.05	8.99	13.43	13.4	18.38	18.38
Middle CH	1.09	1.09	2.71	2.73	4.49	4.49	9.03	8.99	13.40	13.31	18.18	18.18
Highest CH	1.09	1.09	2.72	2.74	4.48	4.49	8.99	9.01	13.40	13.40	18.30	18.38

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	2.70	2.73	4.49	4.5	9.05	8.93	-	-	-	-
Middle CH	1.10	1.09	2.72	2.71	4.48	4.49	9.07	8.93	-	-	-	-
Highest CH	1.09	1.09	2.70	2.70	4.50	4.48	9.01	9.03	-	-	-	-

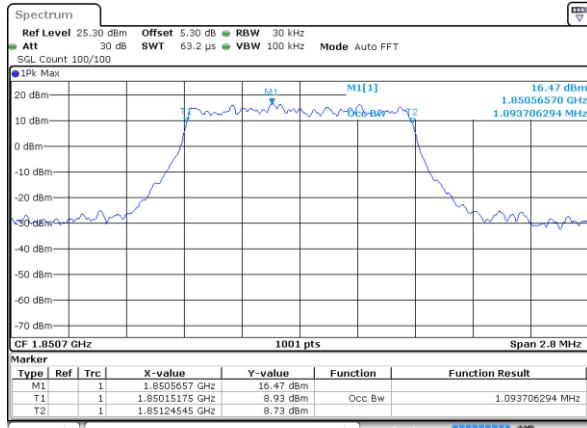
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.49	9.01	8.97	13.40	13.46	18.26	18.22
Middle CH	-	-	-	-	4.50	4.48	9.01	8.97	13.43	13.46	18.30	18.26
Highest CH	-	-	-	-	4.49	4.51	9.01	8.95	13.37	13.43	18.26	18.26

Mode	LTE Band 38 : 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	-	-	-	-	4.50	4.49	8.95	9.01	13.43	13.49	18.46	18.26
Middle CH	-	-	-	-	4.47	4.48	9.03	9.05	13.46	13.43	18.38	18.22
Highest CH	-	-	-	-	4.47	4.50	9.03	9.01	13.43	13.37	18.22	18.18



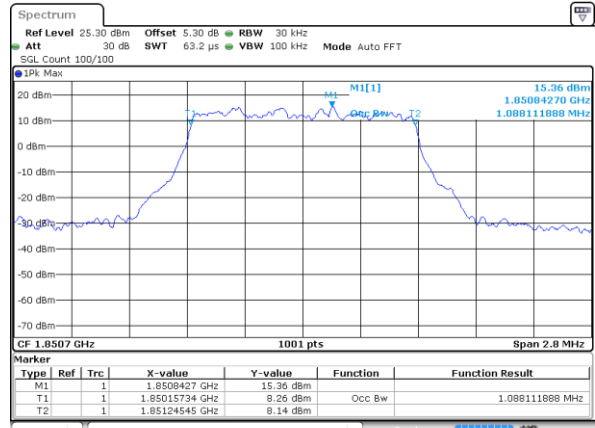
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



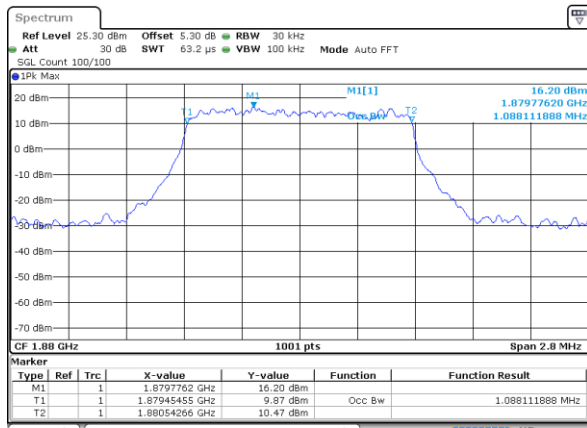
Date: 9 APR 2018 15:31:15

Lowest Channel / 1.4MHz / 16QAM



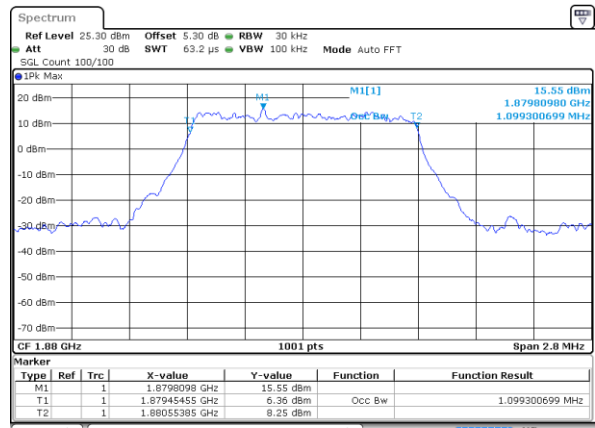
Date: 9 APR 2018 15:31:25

Middle Channel / 1.4MHz / QPSK



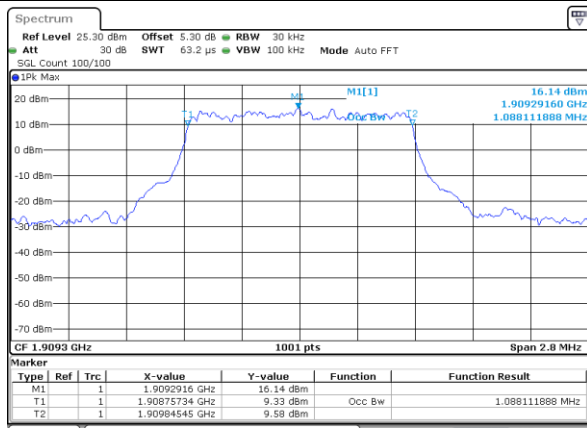
Date: 9 APR 2018 15:38:14

Middle Channel / 1.4MHz / 16QAM



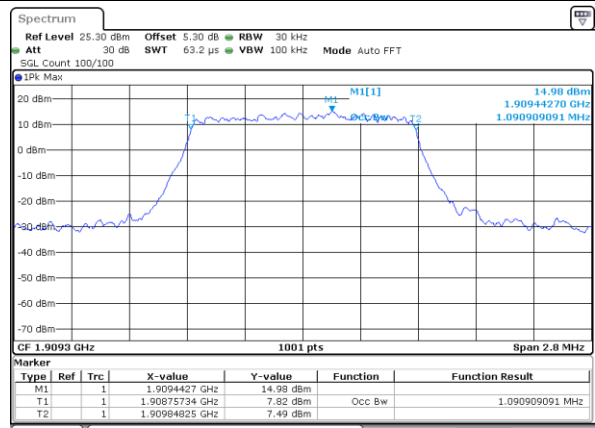
Date: 9 APR 2018 15:38:24

Highest Channel / 1.4MHz / QPSK



Date: 9 APR 2018 15:40:42

Highest Channel / 1.4MHz / 16QAM

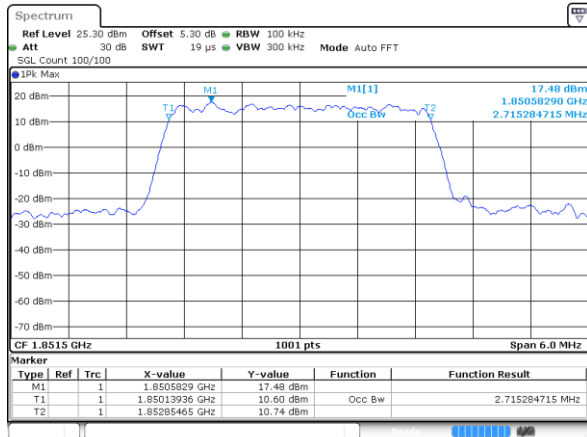


Date: 9 APR 2018 15:40:52



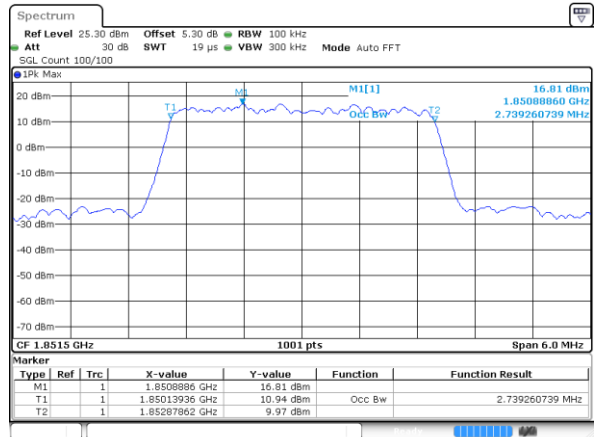
LTE Band 2

Lowest Channel / 3MHz / QPSK



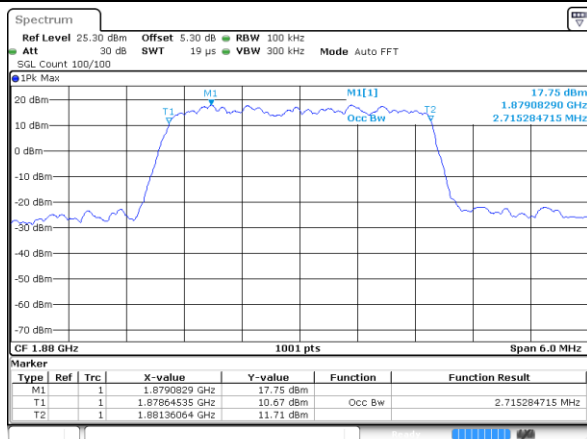
Date: 9 APR 2018 15:47:40

Lowest Channel / 3MHz / 16QAM



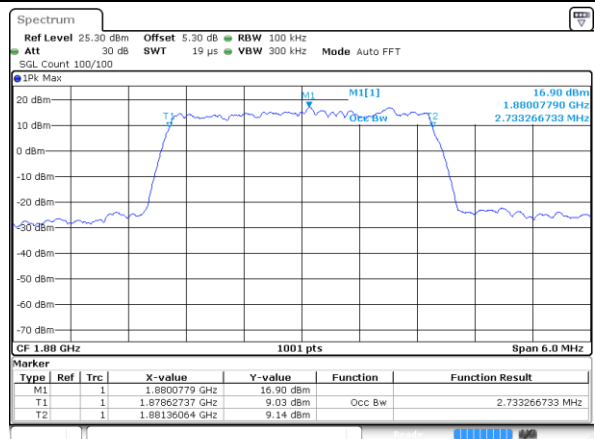
Date: 9 APR 2018 15:47:50

Middle Channel / 3MHz / QPSK



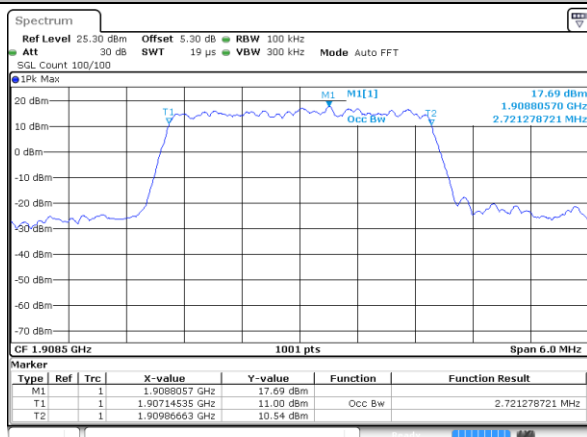
Date: 9 APR 2018 15:54:38

Middle Channel / 3MHz / 16QAM



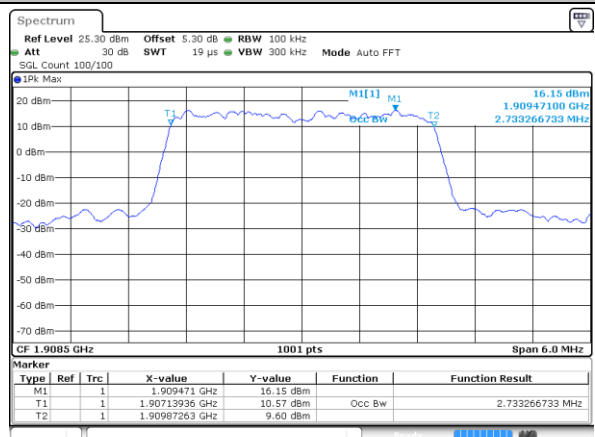
Date: 9 APR 2018 15:54:48

Highest Channel / 3MHz / QPSK



Date: 9 APR 2018 15:57:06

Highest Channel / 3MHz / 16QAM

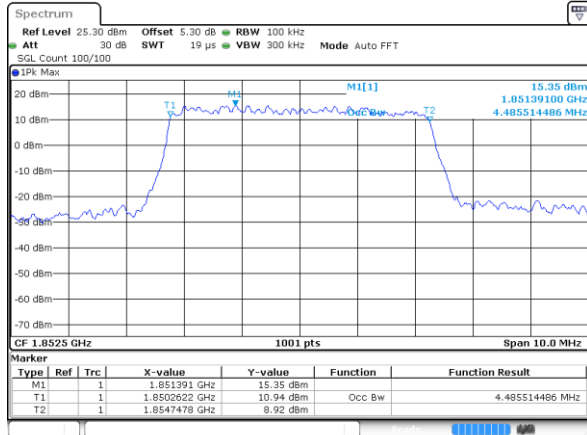


Date: 9 APR 2018 15:57:16



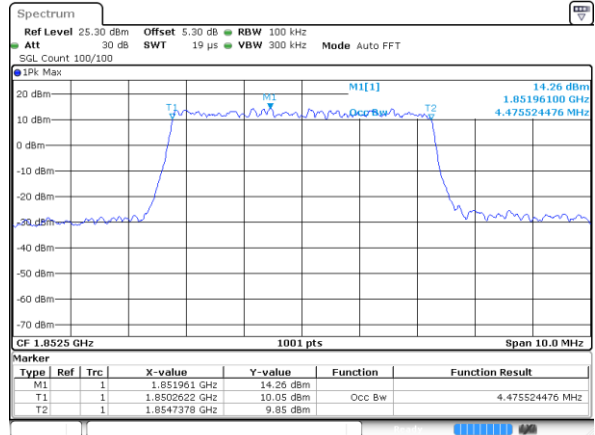
LTE Band 2

Lowest Channel / 5MHz / QPSK



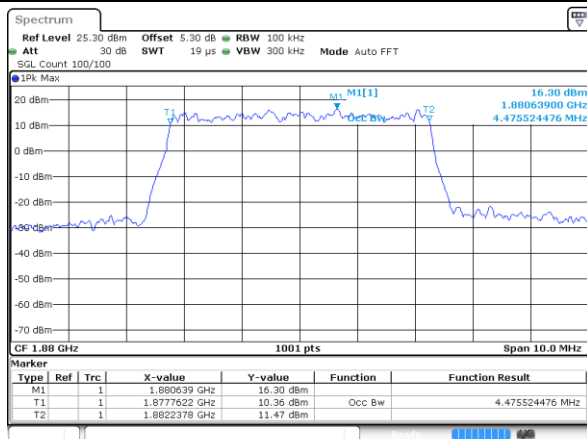
Date: 9 APR 2018 16:04:04

Lowest Channel / 5MHz / 16QAM



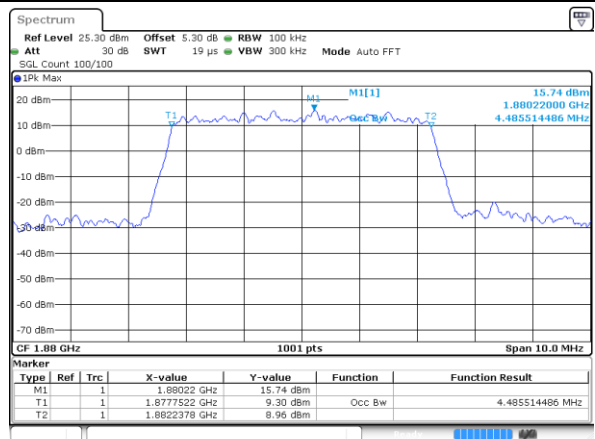
Date: 9 APR 2018 16:04:13

Middle Channel / 5MHz / QPSK



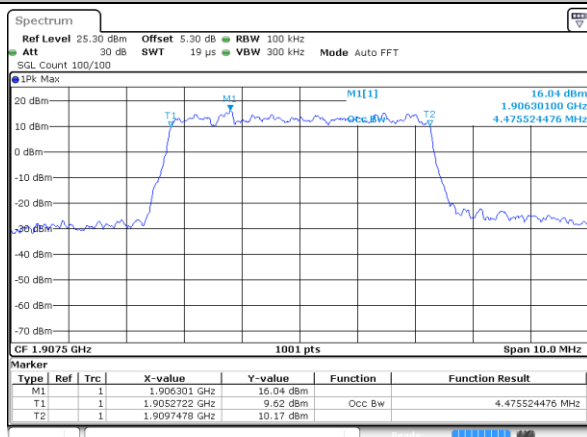
Date: 9 APR 2018 16:11:01

Middle Channel / 5MHz / 16QAM



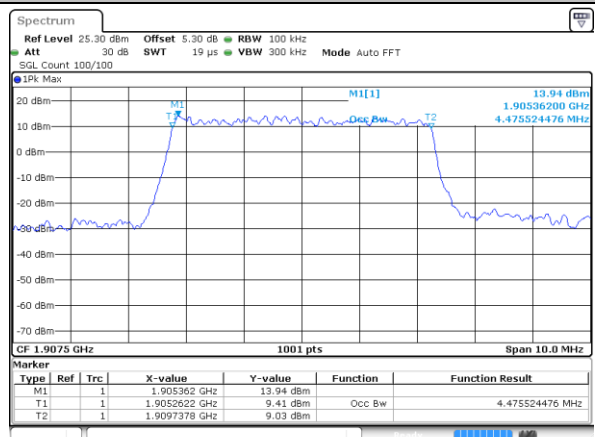
Date: 9 APR 2018 16:11:11

Highest Channel / 5MHz / QPSK



Date: 9 APR 2018 16:13:29

Highest Channel / 5MHz / 16QAM

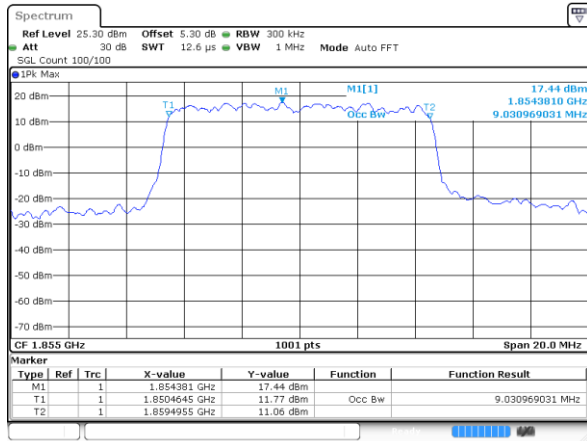


Date: 9 APR 2018 16:13:39

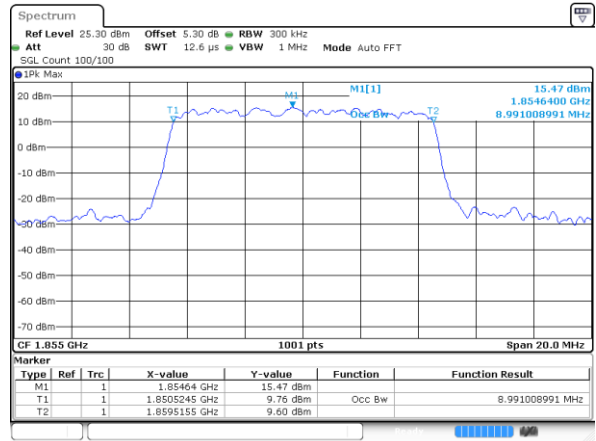


LTE Band 2

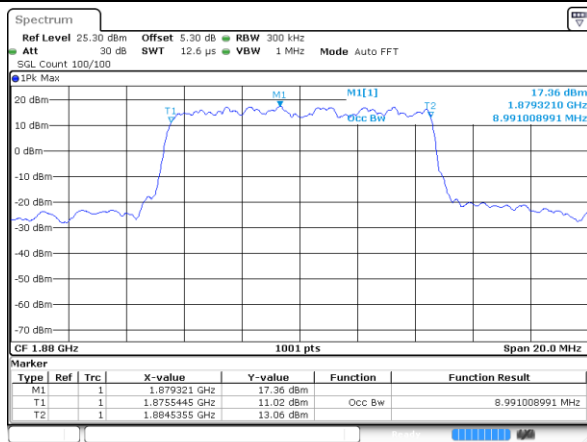
Lowest Channel / 10MHz / QPSK



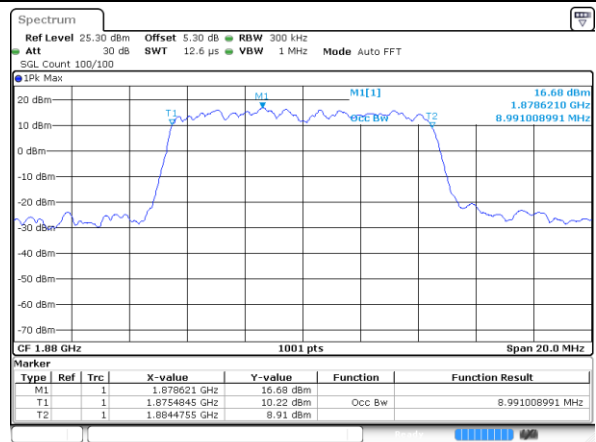
Lowest Channel / 10MHz / 16QAM



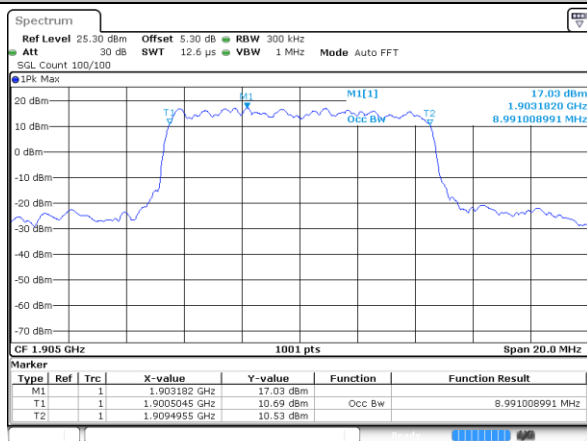
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

