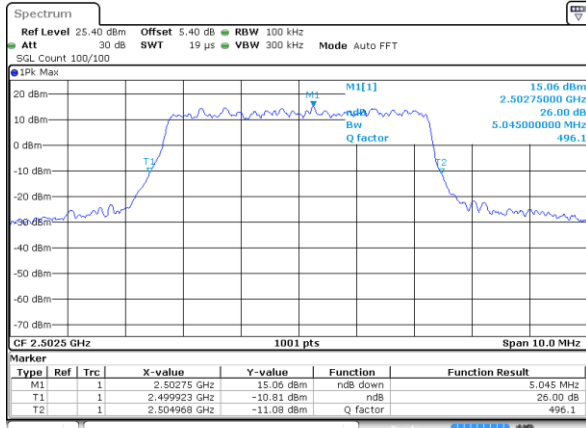




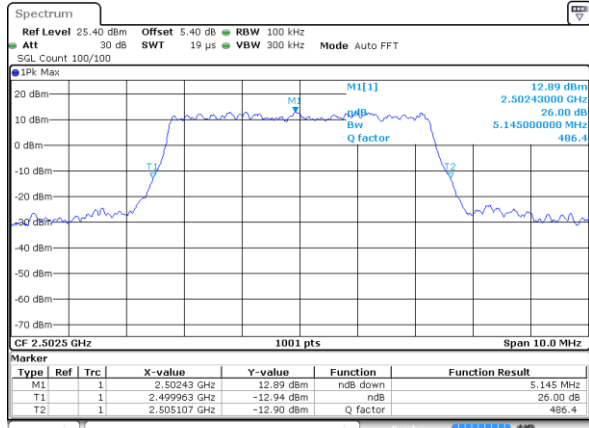
LTE Band 7

Lowest Channel / 5MHz / QPSK



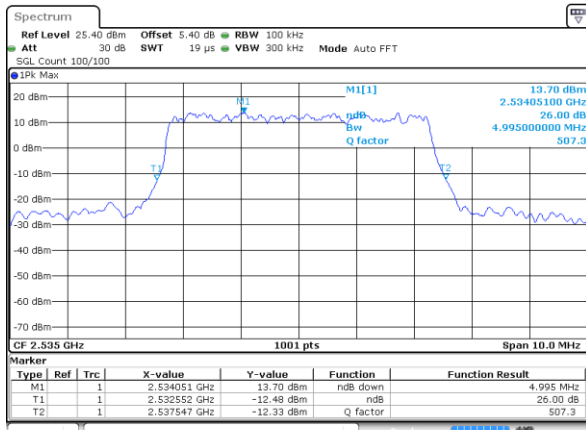
Date: 24 APR 2018 09:57:06

Lowest Channel / 5MHz / 16QAM



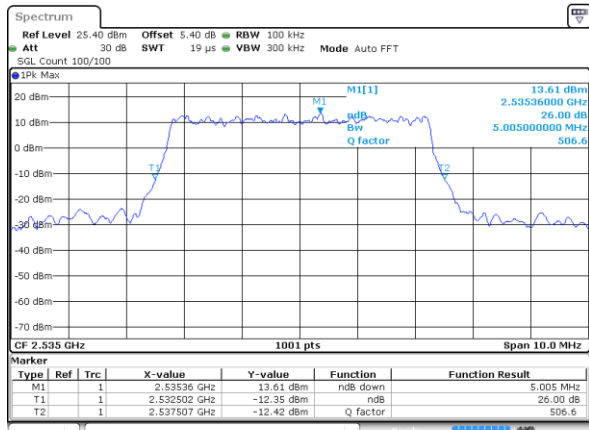
Date: 24 APR 2018 09:57:28

Middle Channel / 5MHz / QPSK



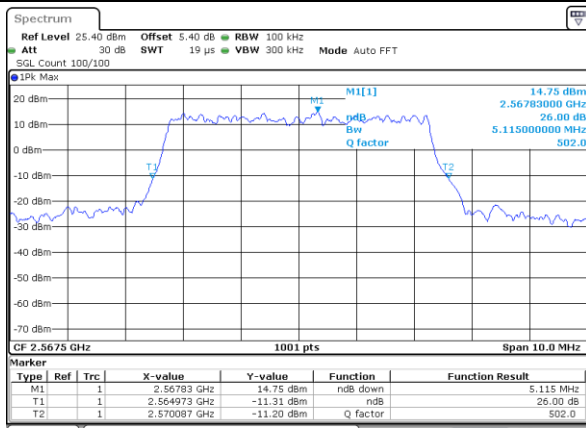
Date: 24 APR 2018 10:06:23

Middle Channel / 5MHz / 16QAM



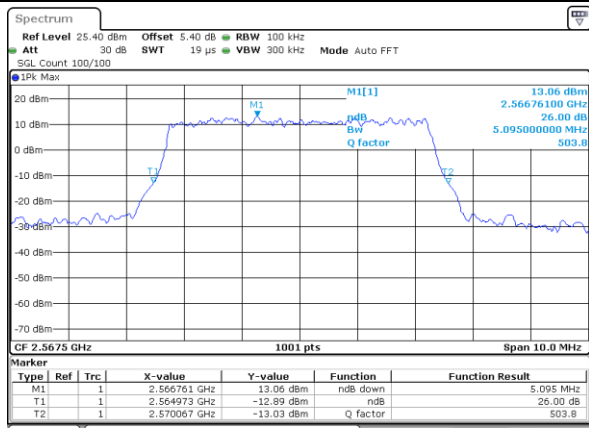
Date: 24 APR 2018 10:06:02

Highest Channel / 5MHz / QPSK



Date: 24 APR 2018 10:06:44

Highest Channel / 5MHz / 16QAM

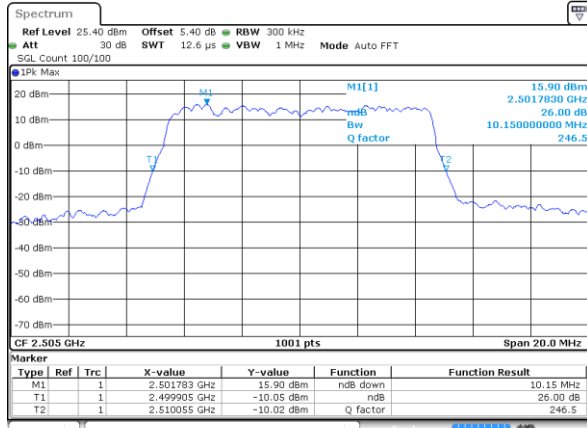


Date: 24 APR 2018 10:07:06

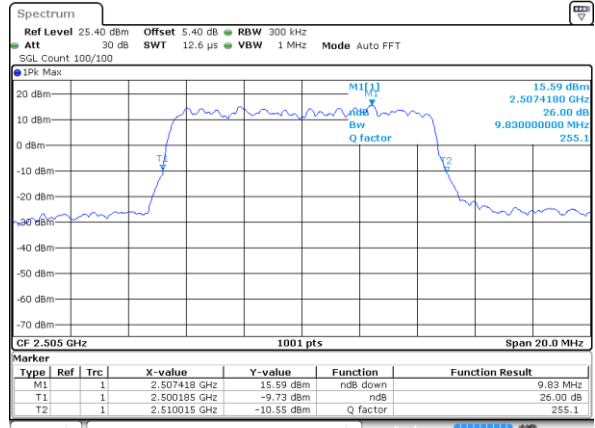


LTE Band 7

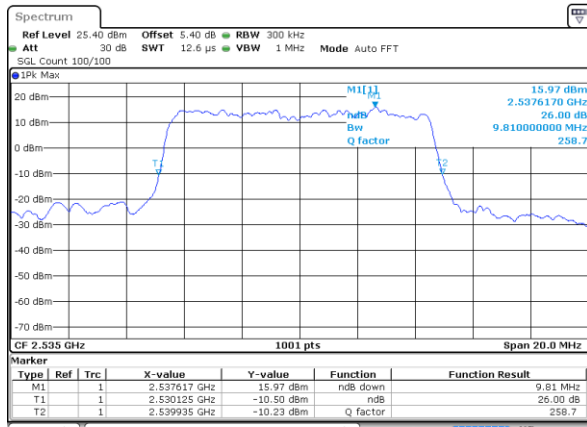
Lowest Channel / 10MHz / QPSK



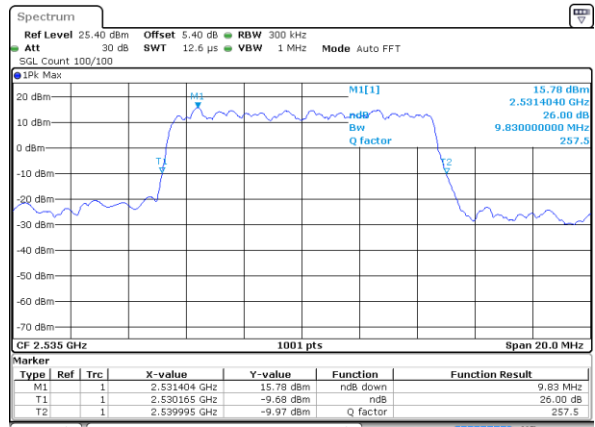
Lowest Channel / 10MHz / 16QAM



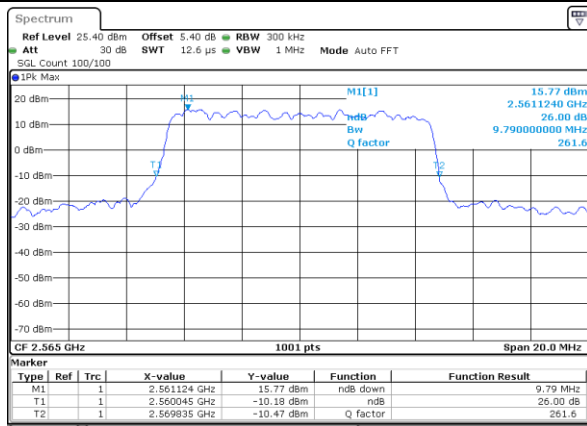
Middle Channel / 10MHz / QPSK



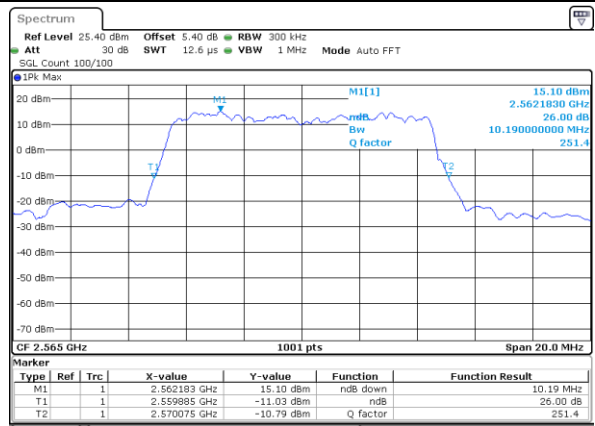
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



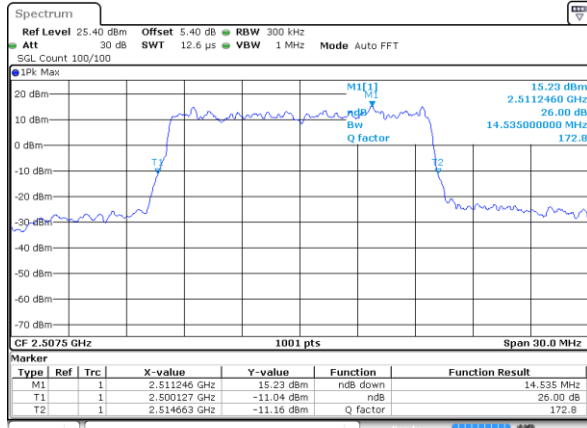
Highest Channel / 10MHz / 16QAM





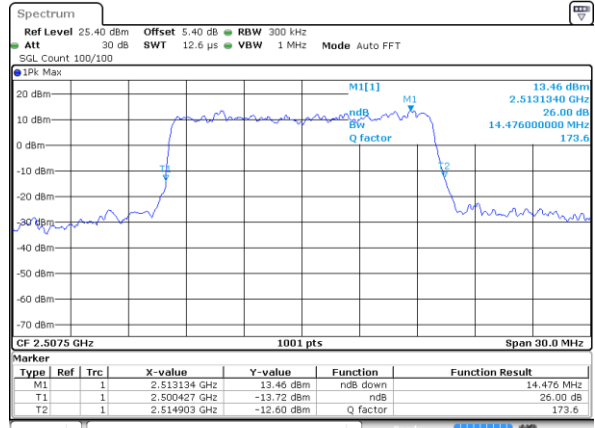
LTE Band 7

Lowest Channel / 15MHz / QPSK



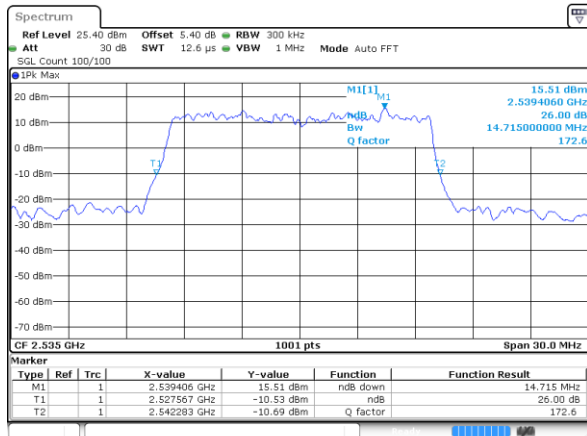
Date: 24 APR 2018 10:30:32

Lowest Channel / 15MHz / 16QAM



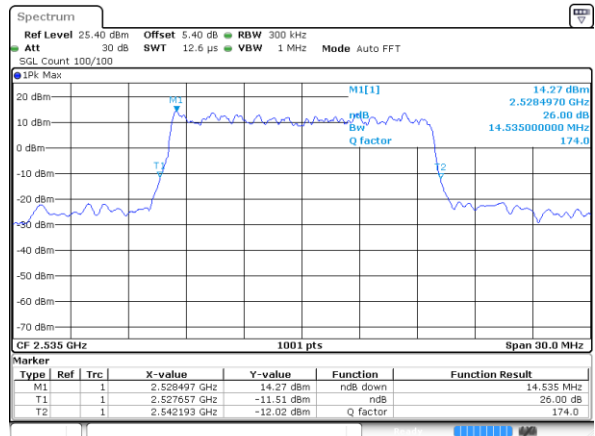
Date: 24 APR 2018 10:30:53

Middle Channel / 15MHz / QPSK



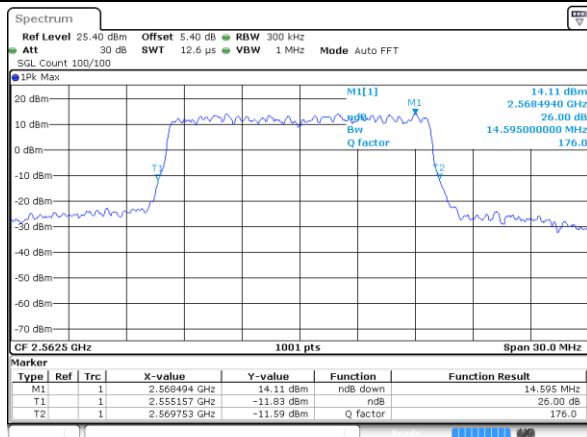
Date: 24 APR 2018 10:39:47

Middle Channel / 15MHz / 16QAM



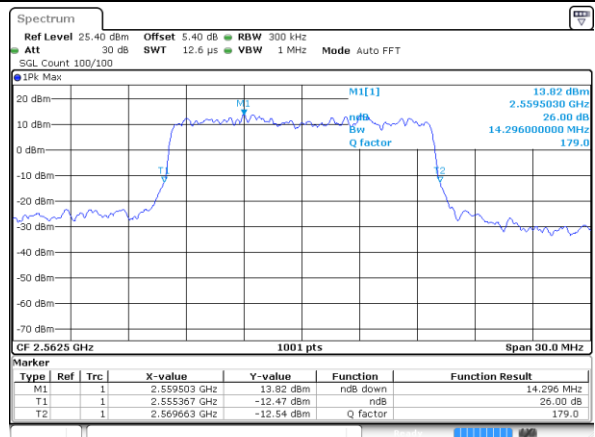
Date: 24 APR 2018 10:39:26

Highest Channel / 15MHz / QPSK



Date: 24 APR 2018 10:40:09

Highest Channel / 15MHz / 16QAM

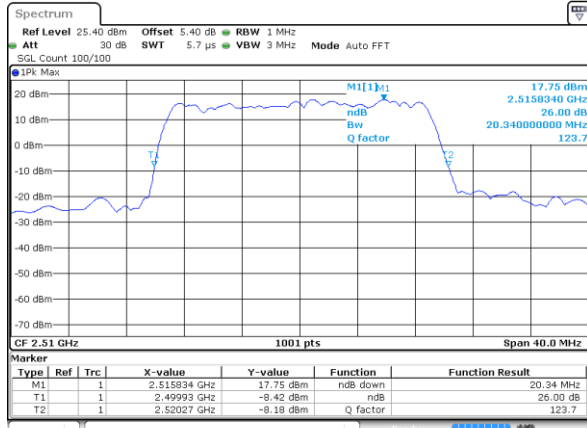


Date: 24 APR 2018 10:40:30



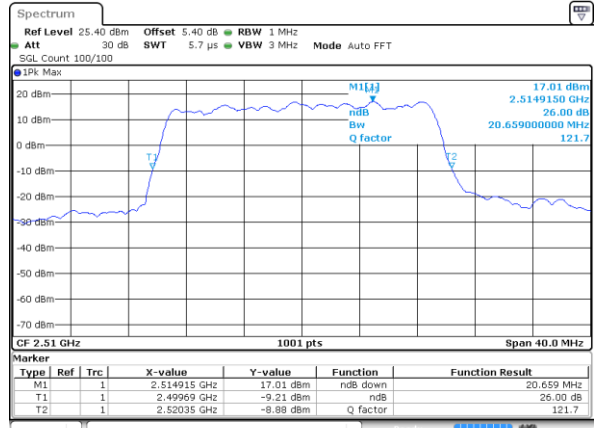
LTE Band 7

Lowest Channel / 20MHz / QPSK



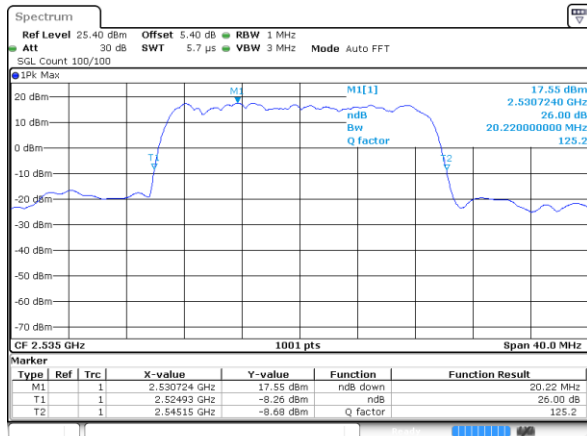
Date: 24 APR 2018 10:47:14

Lowest Channel / 20MHz / 16QAM



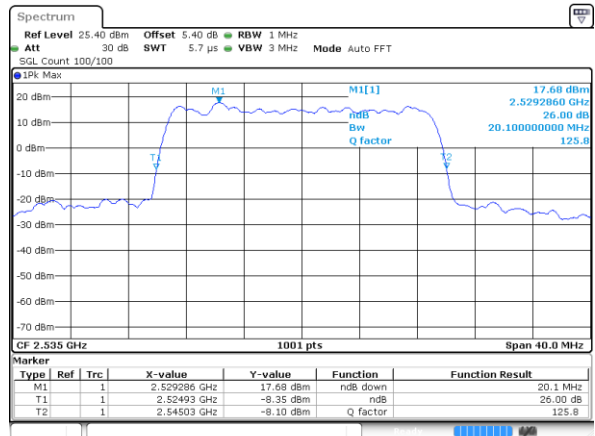
Date: 24 APR 2018 10:47:35

Middle Channel / 20MHz / QPSK



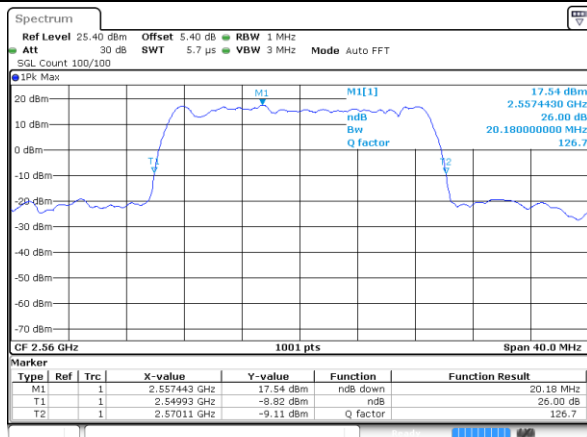
Date: 24 APR 2018 10:56:29

Middle Channel / 20MHz / 16QAM



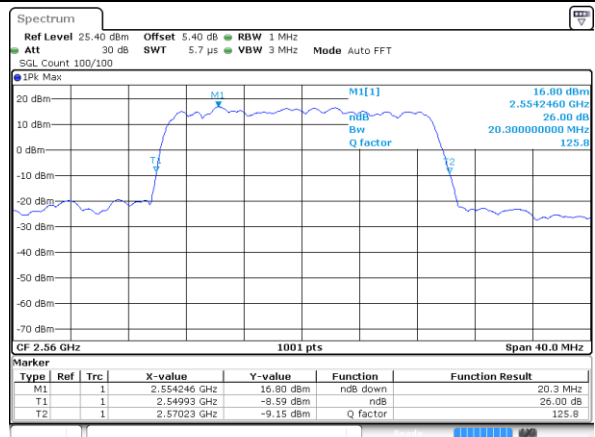
Date: 24 APR 2018 10:56:08

Highest Channel / 20MHz / QPSK



Date: 24 APR 2018 10:56:51

Highest Channel / 20MHz / 16QAM

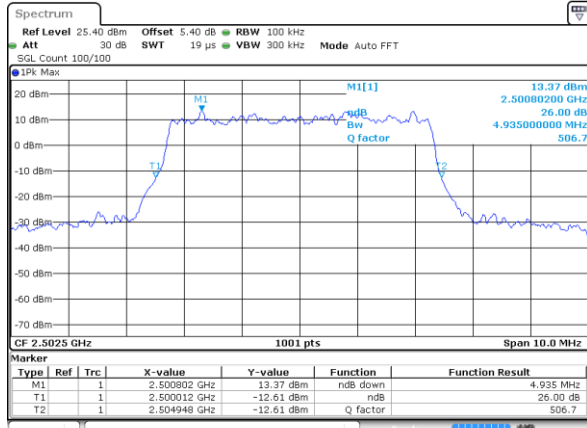


Date: 24 APR 2018 10:57:12



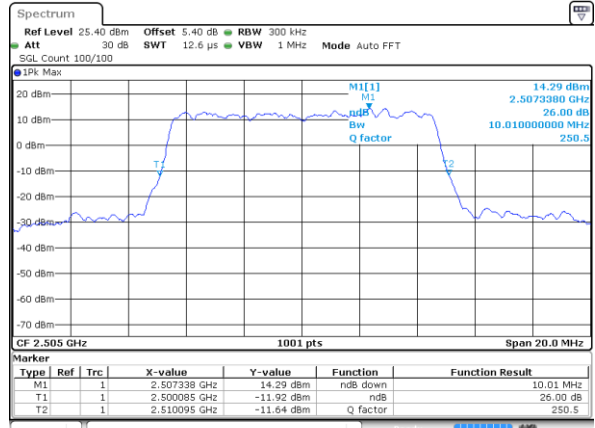
LTE Band 7

Lowest Channel / 5MHz / 64QAM



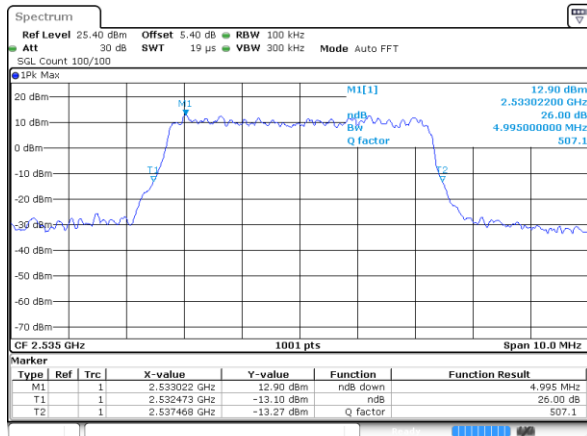
Date: 24 APR 2018 11:07:50

Lowest Channel / 10MHz / 64QAM



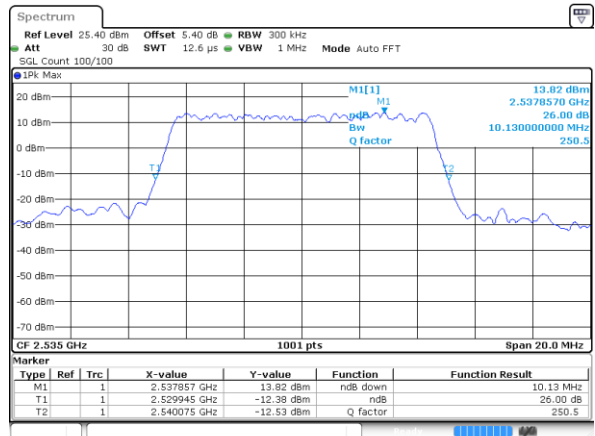
Date: 24 APR 2018 11:08:55

Middle Channel / 5MHz / 64QAM



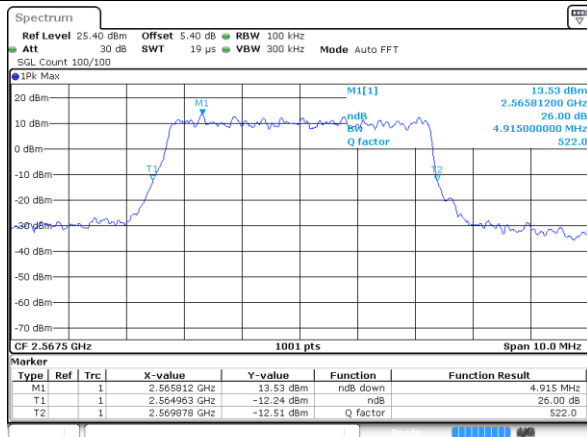
Date: 24 APR 2018 11:08:12

Middle Channel / 10MHz / 64QAM



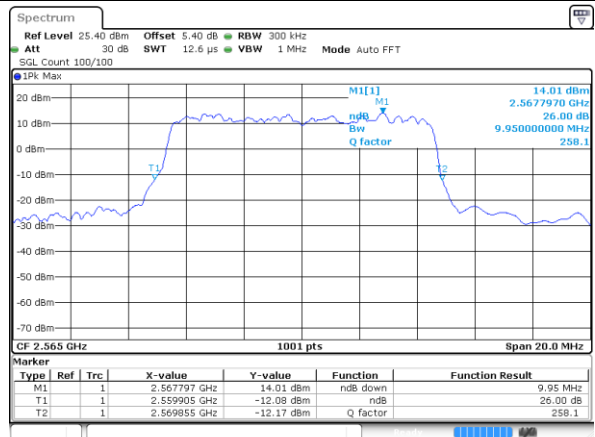
Date: 24 APR 2018 11:08:16

Highest Channel / 5MHz / 64QAM



Date: 24 APR 2018 11:08:33

Highest Channel / 10MHz / 64QAM

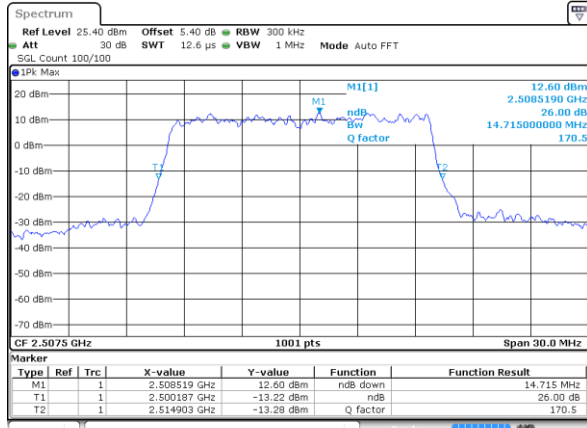


Date: 24 APR 2018 11:09:37



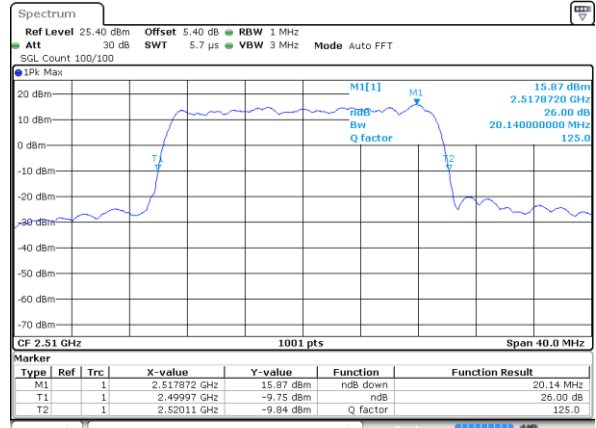
LTE Band 7

Lowest Channel / 15MHz / 64QAM



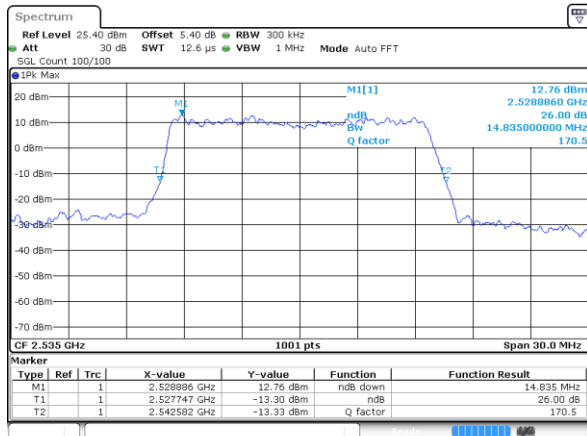
Date: 24 APR 2018 11:09:59

Lowest Channel / 20MHz / 64QAM



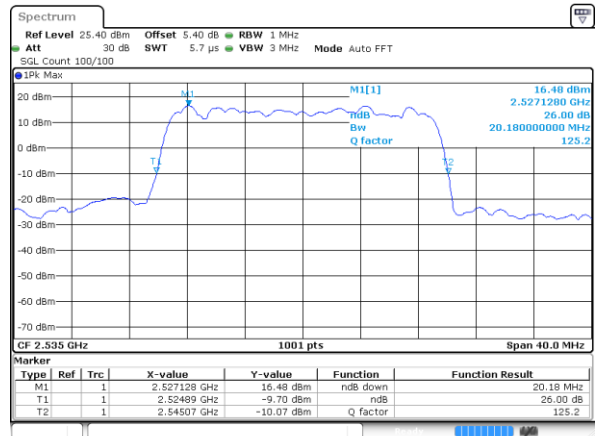
Date: 24 APR 2018 11:11:03

Middle Channel / 15MHz / 64QAM



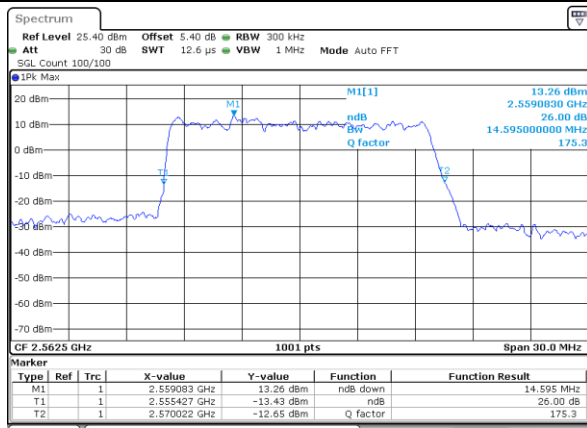
Date: 24 APR 2018 11:10:20

Middle Channel / 20MHz / 64QAM



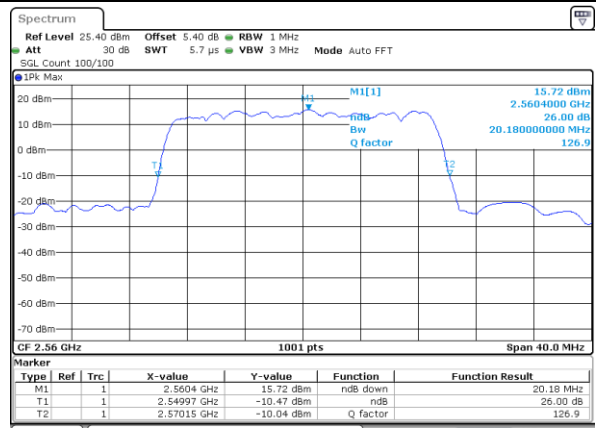
Date: 24 APR 2018 11:11:25

Highest Channel / 15MHz / 64QAM



Date: 24 APR 2018 11:10:42

Highest Channel / 20MHz / 64QAM

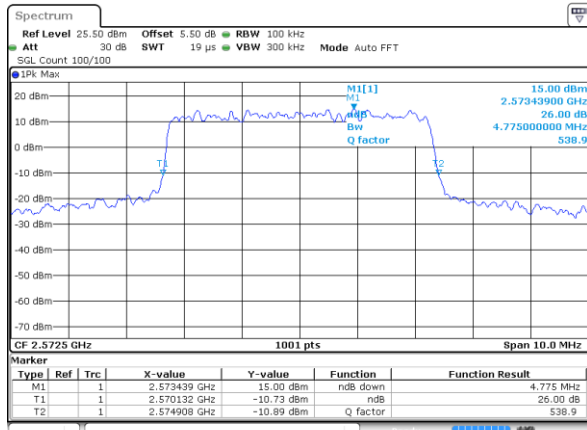


Date: 24 APR 2018 11:11:46



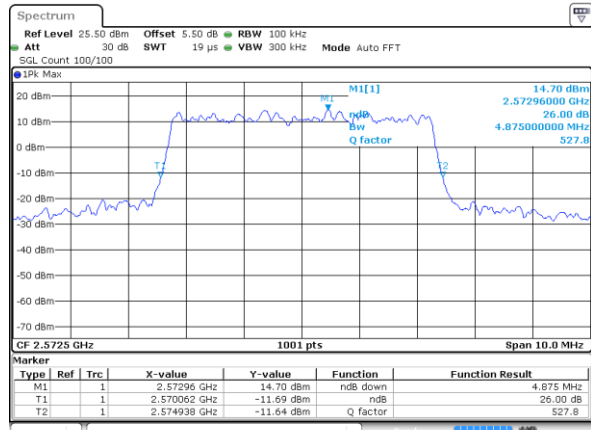
LTE Band 38

Lowest Channel / 5MHz / QPSK



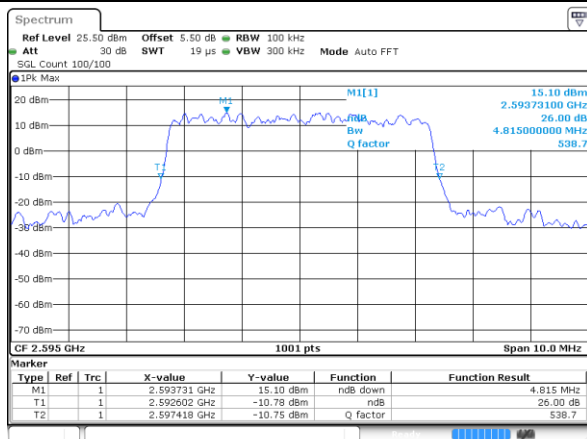
Date: 24 APR 2018 19:20:11

Lowest Channel / 5MHz / 16QAM



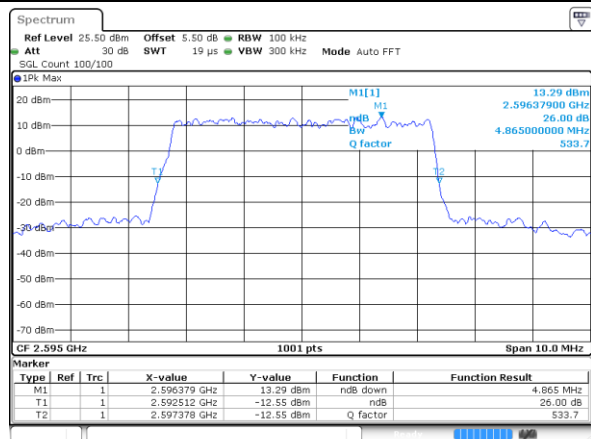
Date: 24 APR 2018 19:20:22

Middle Channel / 5MHz / QPSK



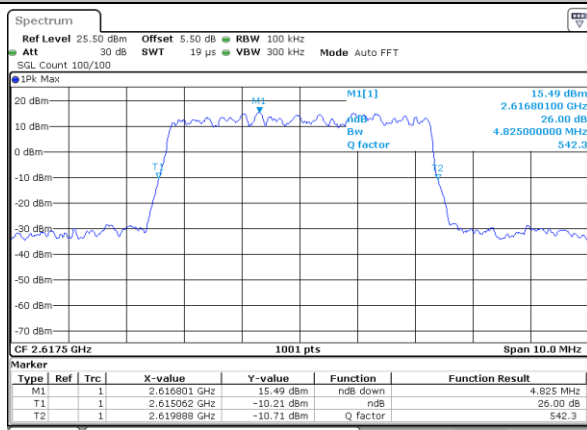
Date: 24 APR 2018 19:20:54

Middle Channel / 5MHz / 16QAM



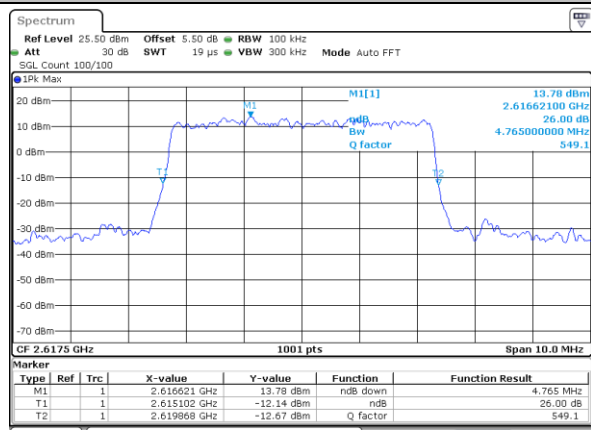
Date: 24 APR 2018 19:21:04

Highest Channel / 5MHz / QPSK



Date: 24 APR 2018 19:21:36

Highest Channel / 5MHz / 16QAM

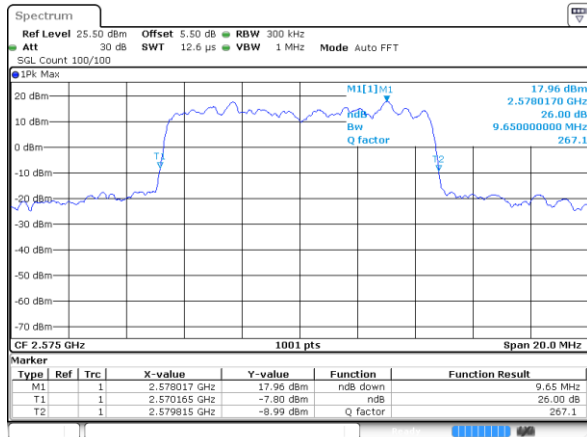


Date: 24 APR 2018 19:21:47

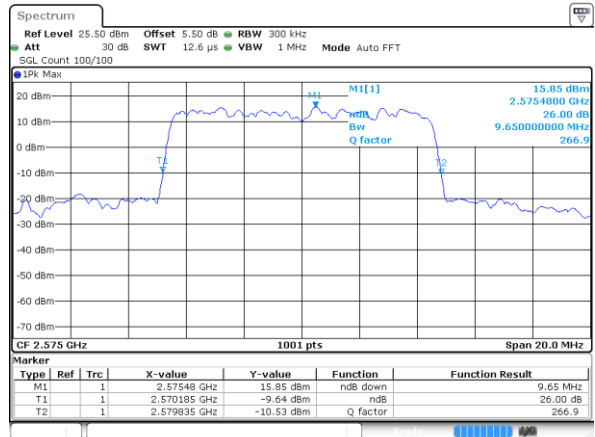


LTE Band 38

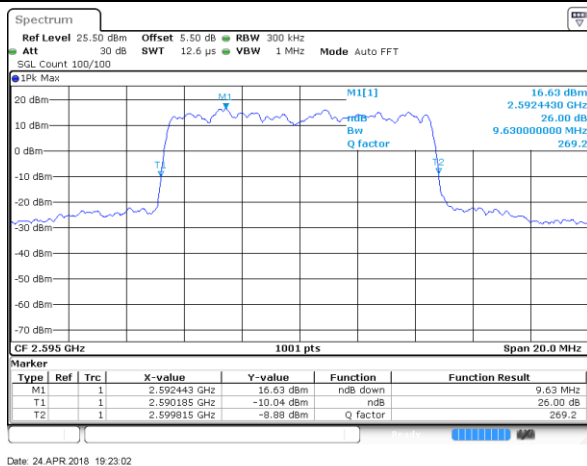
Lowest Channel / 10MHz / QPSK



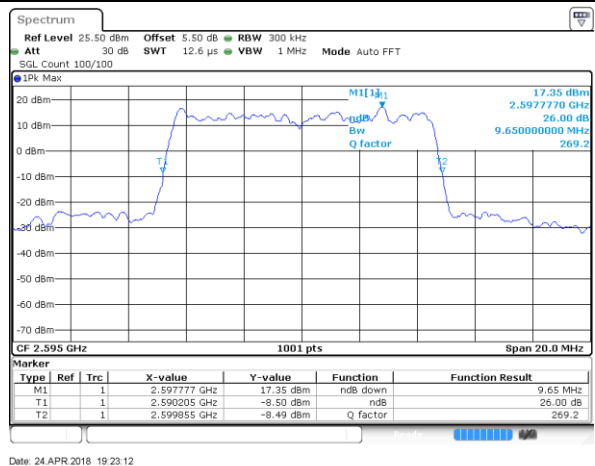
Lowest Channel / 10MHz / 16QAM



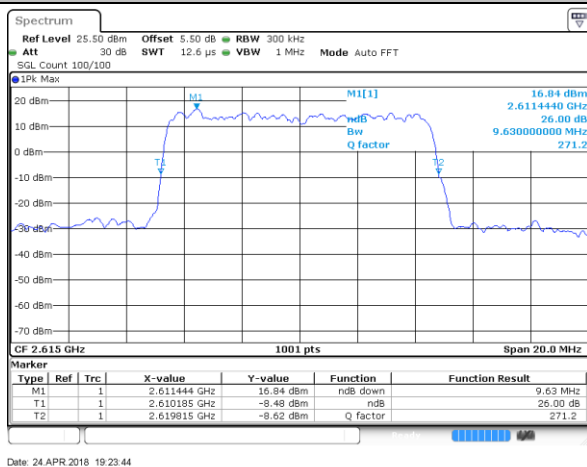
Middle Channel / 10MHz / QPSK



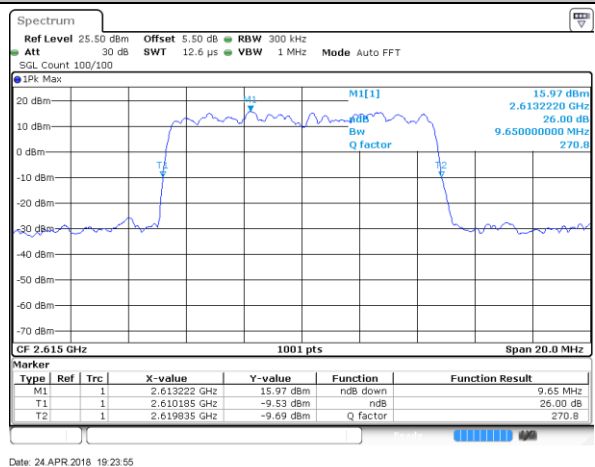
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



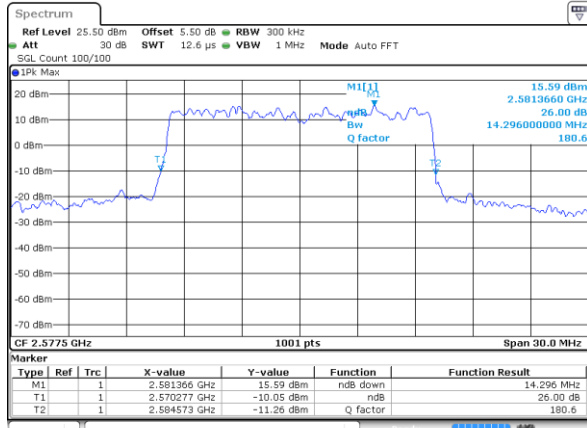
Highest Channel / 10MHz / 16QAM





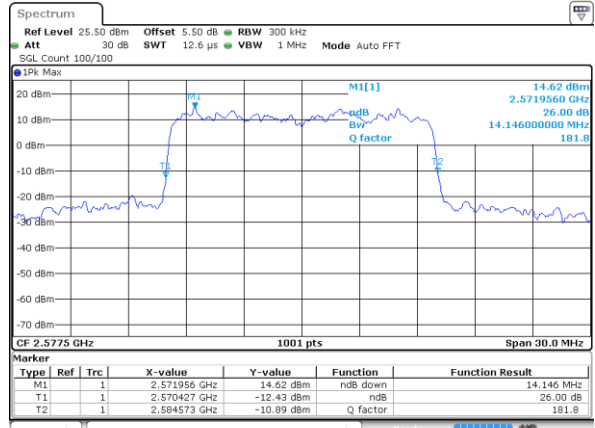
LTE Band 38

Lowest Channel / 15MHz / QPSK



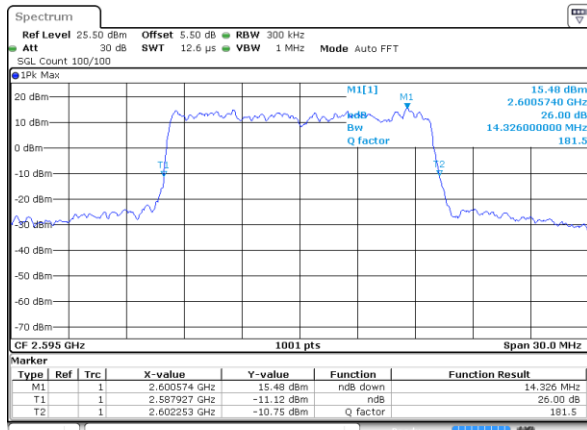
Date: 24 APR 2018 19:24:27

Lowest Channel / 15MHz / 16QAM



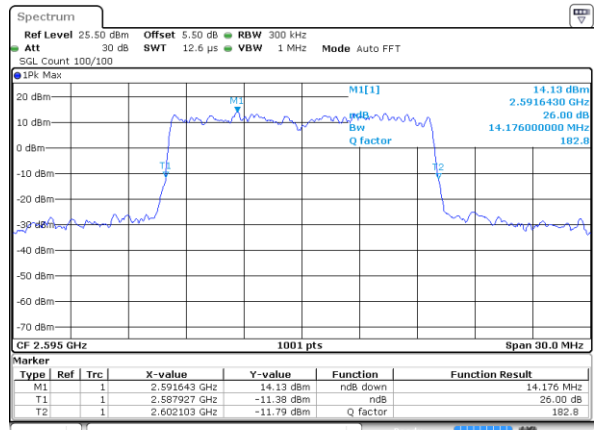
Date: 24 APR 2018 19:24:37

Middle Channel / 15MHz / QPSK



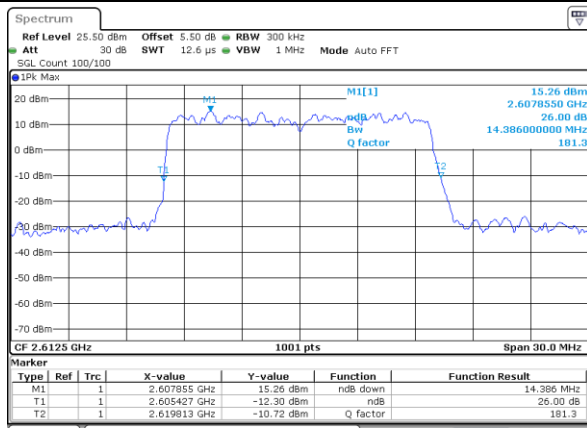
Date: 24 APR 2018 19:25:09

Middle Channel / 15MHz / 16QAM



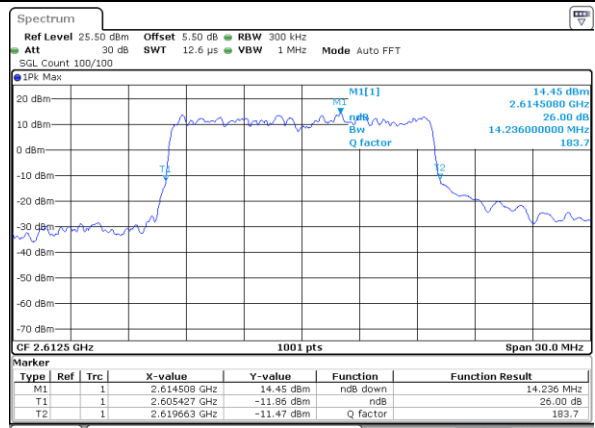
Date: 24 APR 2018 19:25:20

Highest Channel / 15MHz / QPSK



Date: 24 APR 2018 19:25:52

Highest Channel / 15MHz / 16QAM

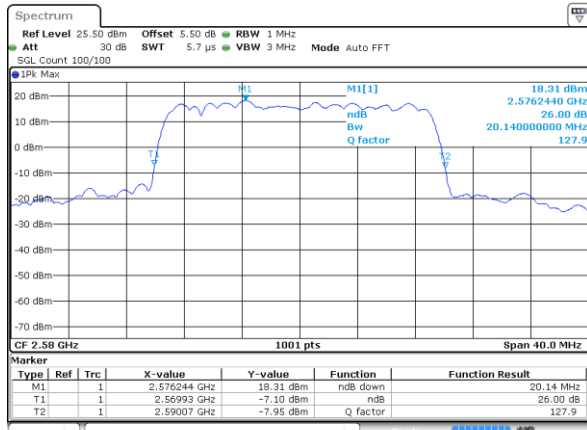


Date: 24 APR 2018 19:26:03

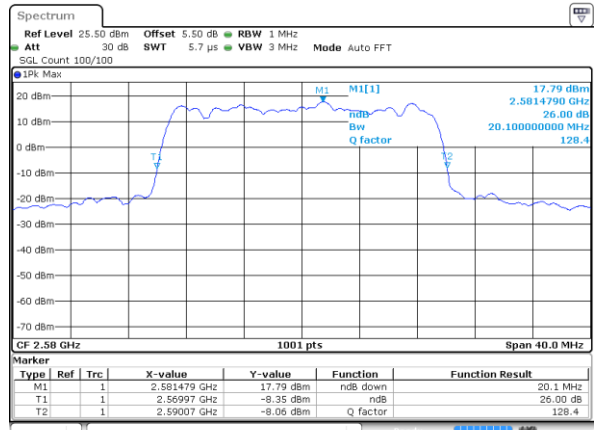


LTE Band 38

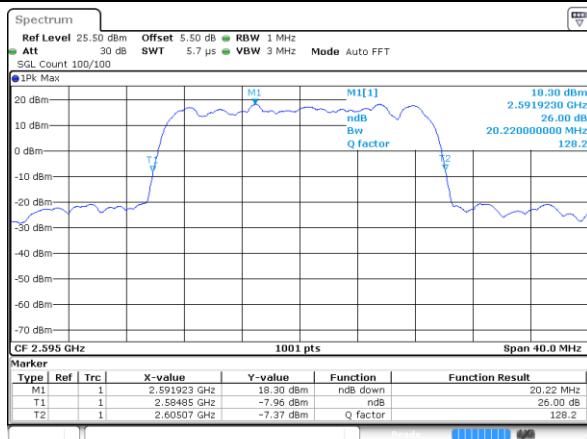
Lowest Channel / 20MHz / QPSK



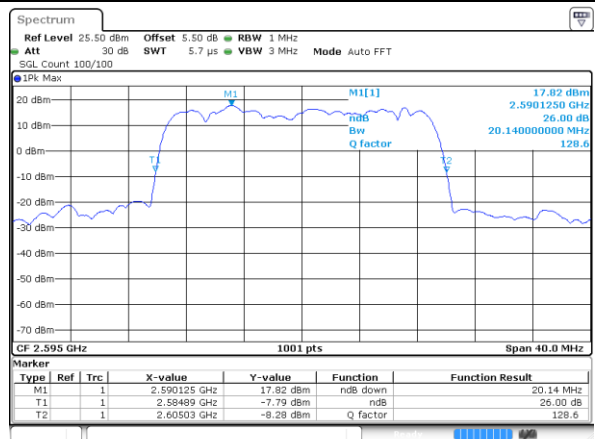
Lowest Channel / 20MHz / 16QAM



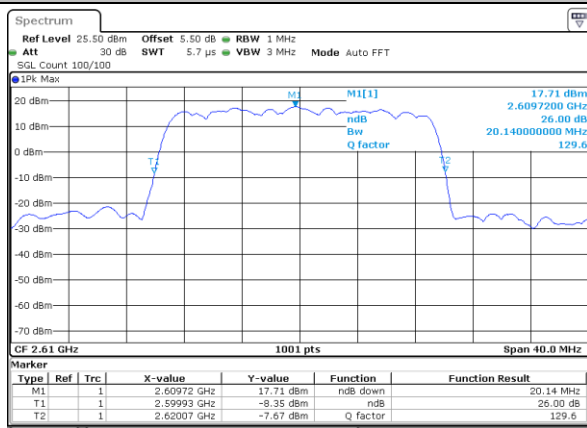
Middle Channel / 20MHz / QPSK



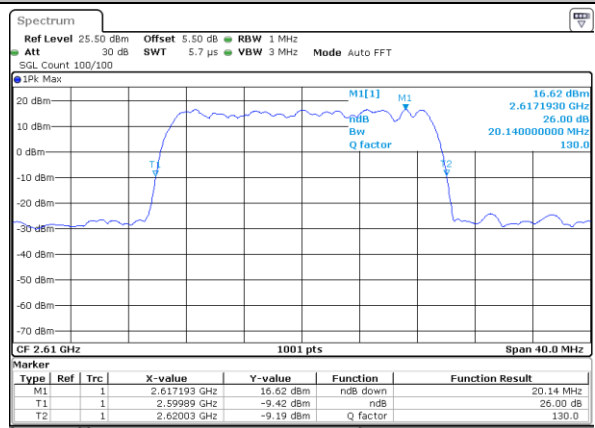
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



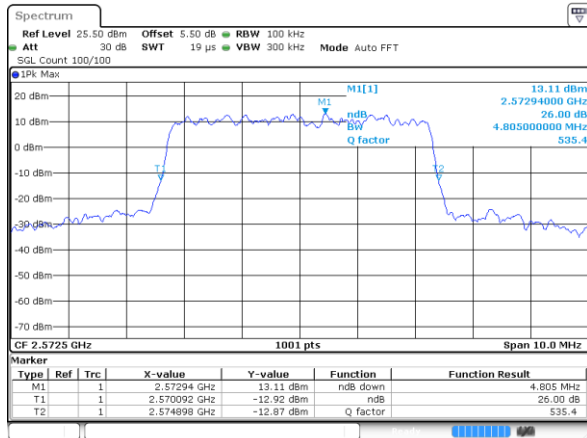
Highest Channel / 20MHz / 16QAM





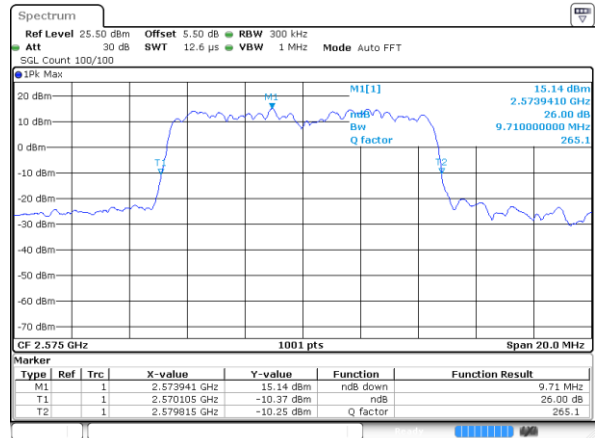
LTE Band 38

Lowest Channel / 5MHz / 64QAM



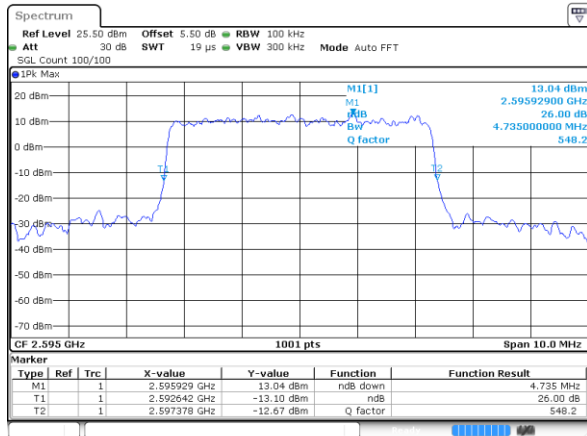
Date: 24 APR 2018 19:44:03

Lowest Channel / 10MHz / 64QAM



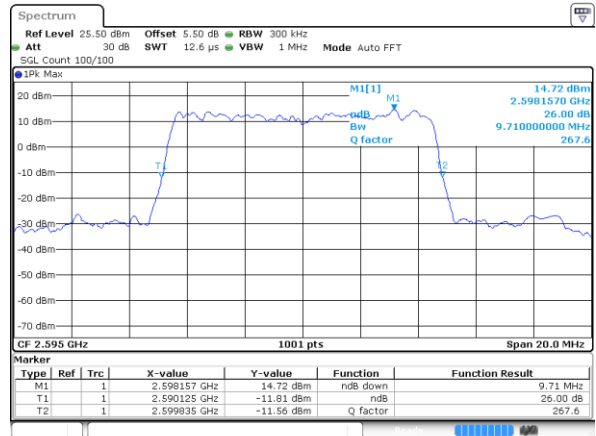
Date: 24 APR 2018 19:42:13

Middle Channel / 5MHz / 64QAM



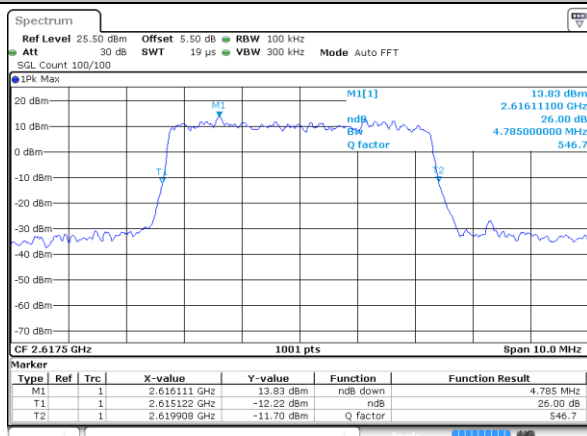
Date: 24 APR 2018 19:44:38

Middle Channel / 10MHz / 64QAM



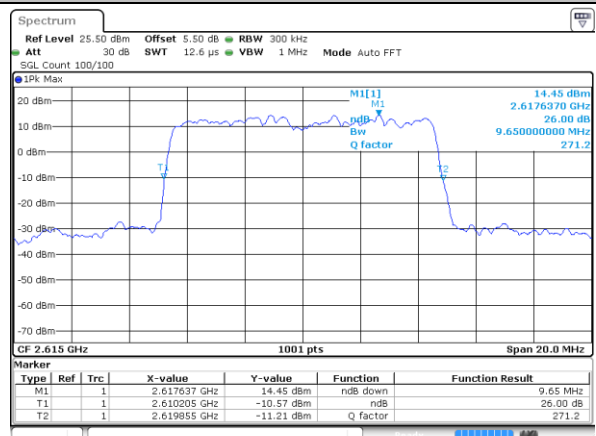
Date: 24 APR 2018 19:42:37

Highest Channel / 5MHz / 64QAM



Date: 24 APR 2018 19:45:15

Highest Channel / 10MHz / 64QAM

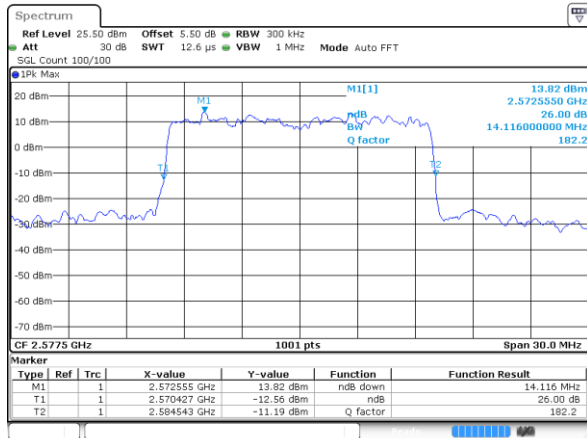


Date: 24 APR 2018 19:43:12



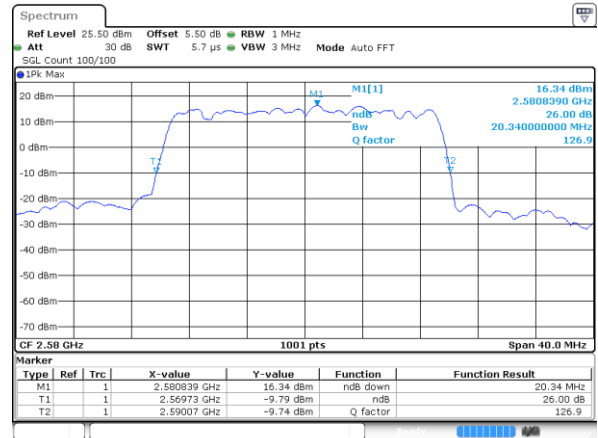
LTE Band 38

Lowest Channel / 15MHz / 64QAM



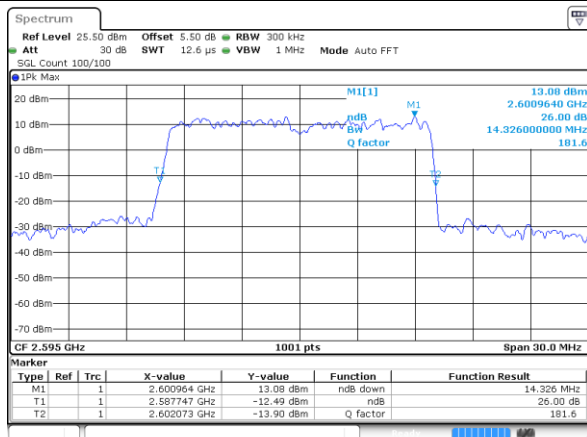
Date: 24 APR 2018 19:41:03

Lowest Channel / 20MHz / 64QAM



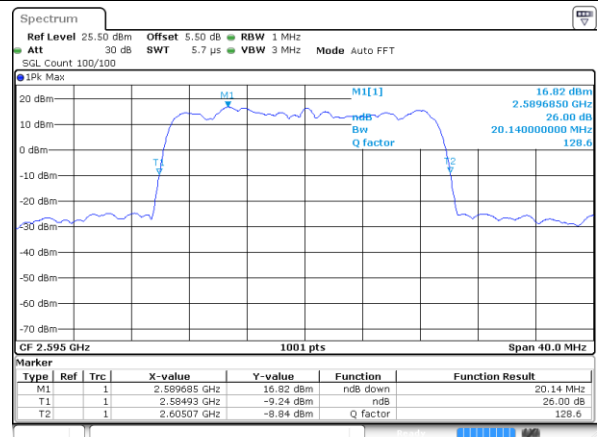
Date: 24 APR 2018 19:36:16

Middle Channel / 15MHz / 64QAM



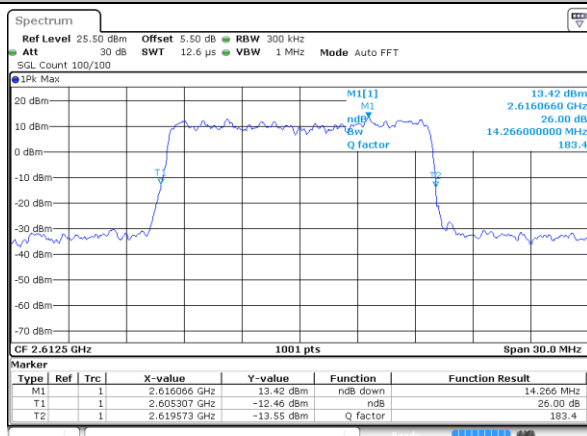
Date: 24 APR 2018 19:41:25

Middle Channel / 20MHz / 64QAM



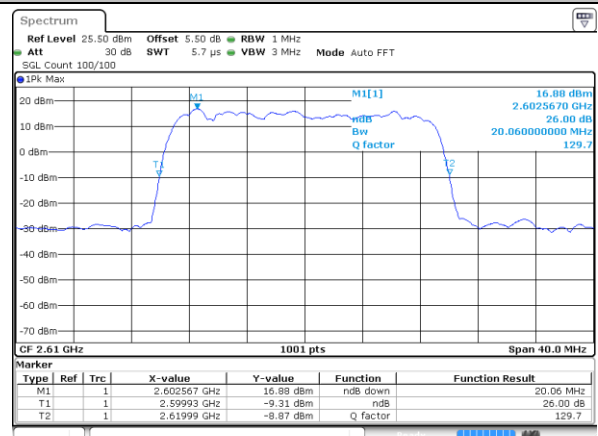
Date: 24 APR 2018 19:36:42

Highest Channel / 15MHz / 64QAM



Date: 24 APR 2018 19:41:48

Highest Channel / 20MHz / 64QAM



Date: 24 APR 2018 19:37:24

**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	1.10	1.09	2.71	2.72	4.52	4.51	9.07	9.07	13.37	13.43	18.30	18.34
Middle CH	1.09	1.10	2.70	2.71	4.50	4.50	9.09	8.99	13.46	13.49	18.42	18.38
Highest CH	1.09	1.09	2.70	2.70	4.52	4.52	9.05	9.07	13.52	13.49	18.46	18.46
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.71		4.48		9.05		13.49		18.38	
Middle CH	1.09		2.71		4.49		9.07		13.43		18.46	
Highest CH	1.09		2.71		4.50		9.05		13.46		18.46	

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.71	2.71	4.50	4.50	9.21	8.97	13.46	13.49	18.70	18.30
Middle CH	1.09	1.09	2.71	2.70	4.49	4.50	8.99	9.05	13.46	13.46	18.46	18.42
Highest CH	1.09	1.09	2.73	2.73	4.50	4.51	9.07	9.01	13.55	13.46	18.38	18.22
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.50		9.01		13.43		18.46	
Middle CH	1.09		2.72		4.48		9.07		13.55		18.54	
Highest CH	1.09		2.72		4.48		9.03		13.46		18.42	

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.10	1.09	2.70	2.73	4.50	4.49	9.03	9.07	1.09	2.72	4.48	8.97
Middle CH	1.09	1.09	2.70	2.72	4.49	4.51	9.03	9.05	1.09	2.72	4.52	9.07
Highest CH	1.09	1.09	2.72	2.72	4.50	4.52	9.07	9.05	1.09	2.73	4.50	8.97



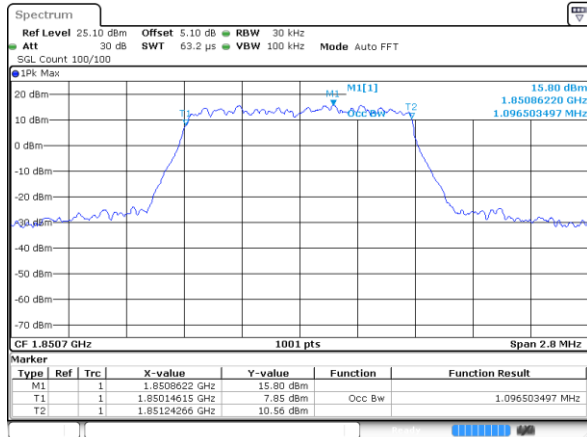
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.49	4.49	8.99	9.07	13.46	13.46	18.26	18.38	4.49	9.13	13.46	18.42
Middle CH	4.49	4.49	9.03	9.03	13.43	13.49	18.46	18.18	4.48	9.05	13.46	18.46
Highest CH	4.48	4.51	9.05	9.05	13.49	13.43	18.34	18.50	4.48	9.03	13.43	18.30

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	-	-	-	-	4.47	4.47	9.03	9.03	13.43	13.49	18.54	18.30
Middle CH	-	-	-	-	4.49	4.47	9.07	9.01	13.49	13.43	18.46	18.38
Highest CH	-	-	-	-	4.51	4.49	9.05	9.05	13.49	13.46	18.46	18.22
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	8.99	13.43	18.58				
Middle CH	-	-	-	-	4.49	9.07	13.46	18.34				
Highest CH	-	-	-	-	4.52	8.95	13.43	18.36				

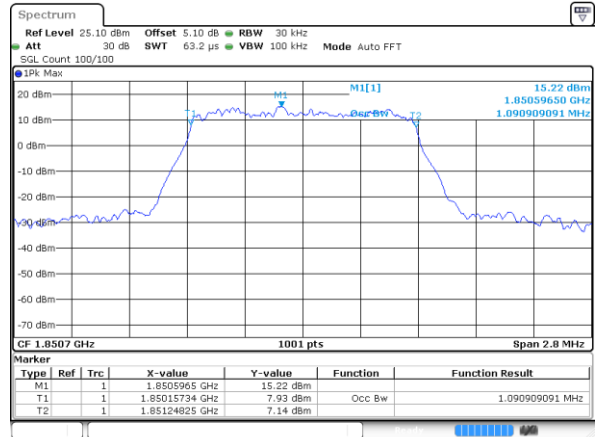


LTE Band 2

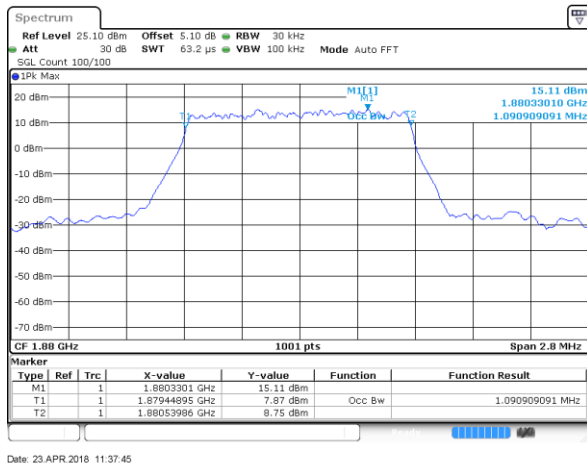
Lowest Channel / 1.4MHz / QPSK



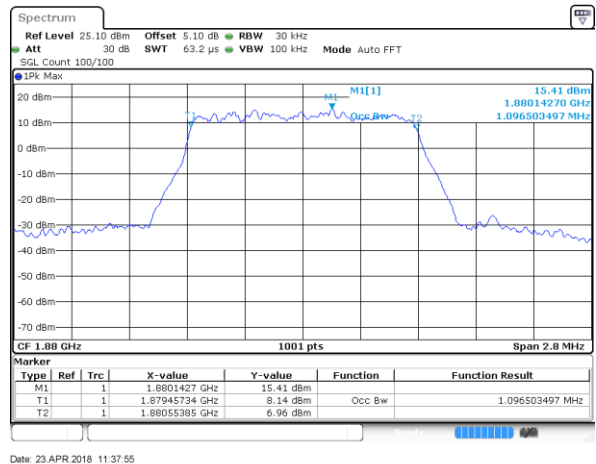
Lowest Channel / 1.4MHz / 16QAM



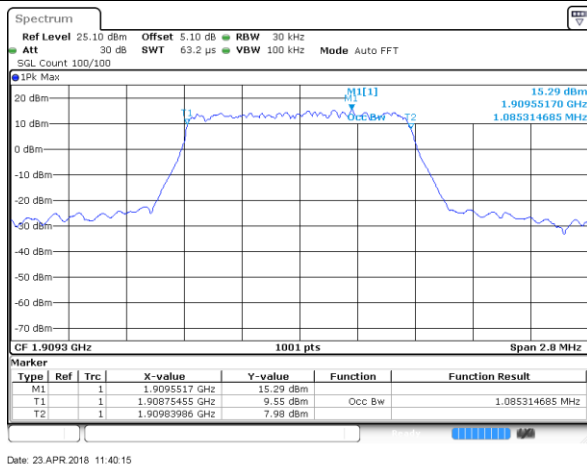
Middle Channel / 1.4MHz / QPSK



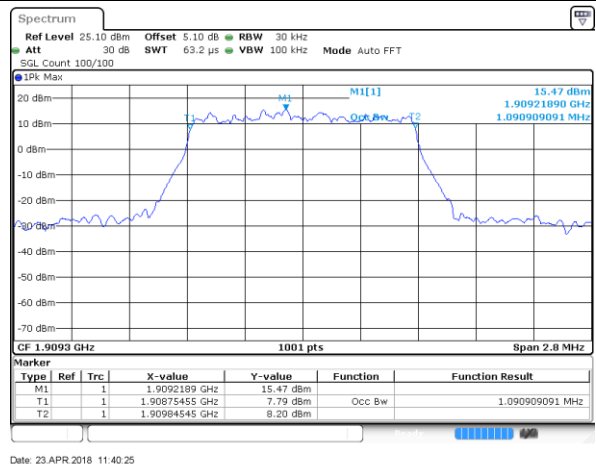
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



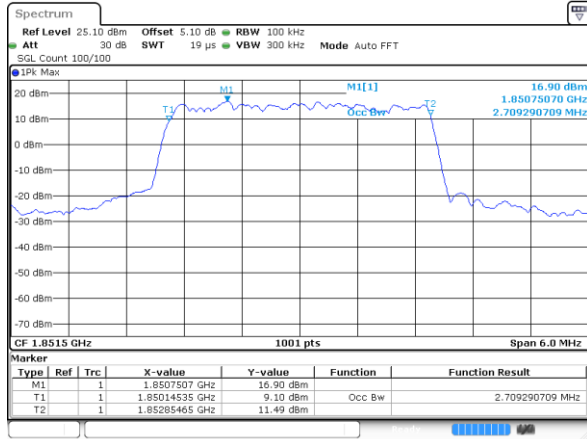
Highest Channel / 1.4MHz / 16QAM





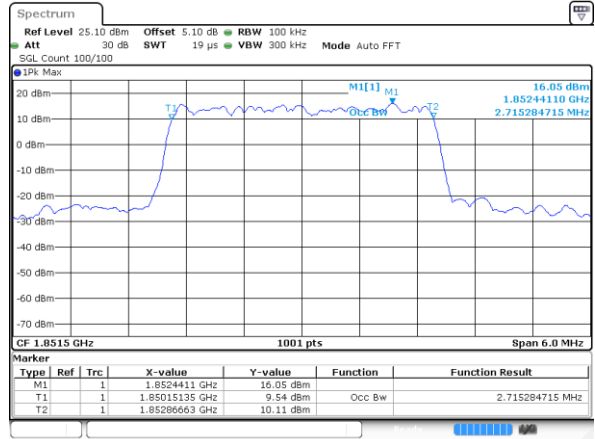
LTE Band 2

Lowest Channel / 3MHz / QPSK



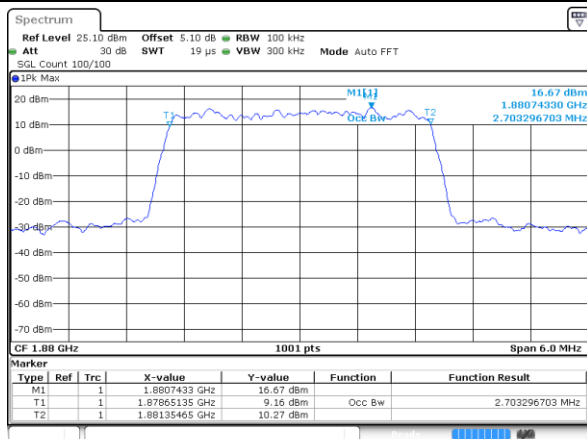
Date: 23 APR 2018 11:47:15

Lowest Channel / 3MHz / 16QAM



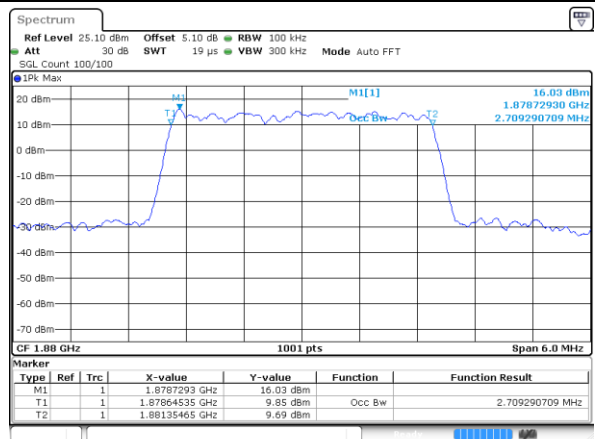
Date: 23 APR 2018 11:47:25

Middle Channel / 3MHz / QPSK



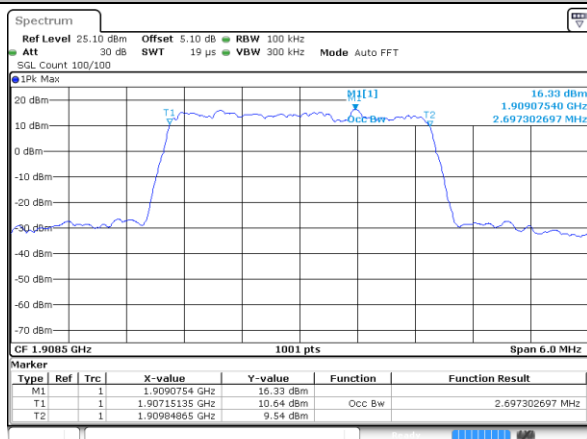
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Middle Channel / 3MHz / 16QAM



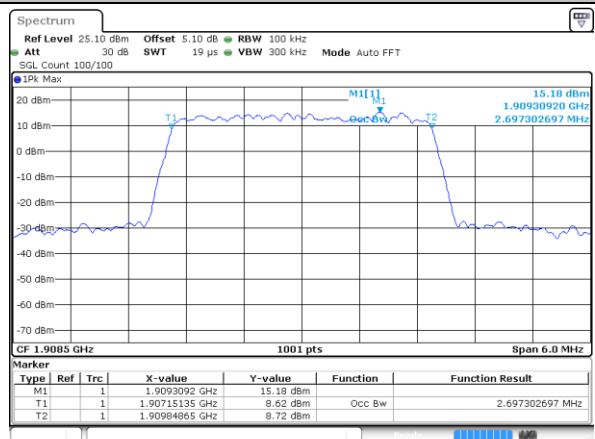
Date: 23 APR 2018 11:54:26

Highest Channel / 3MHz / QPSK



Date: 23 APR 2018 11:56:46

Highest Channel / 3MHz / 16QAM

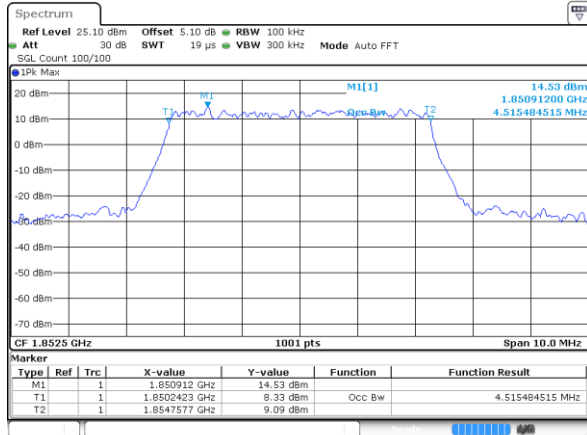


Date: 23 APR 2018 11:56:56



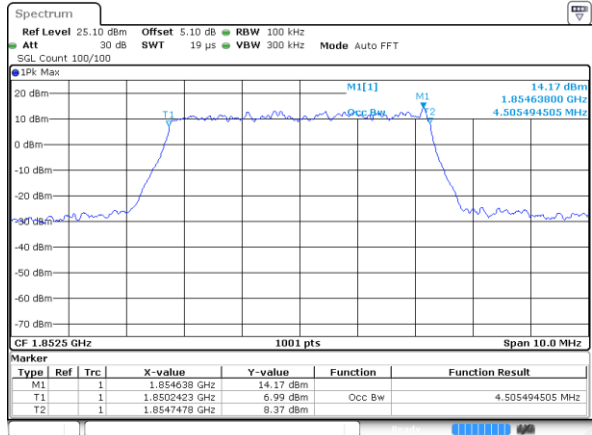
LTE Band 2

Lowest Channel / 5MHz / QPSK



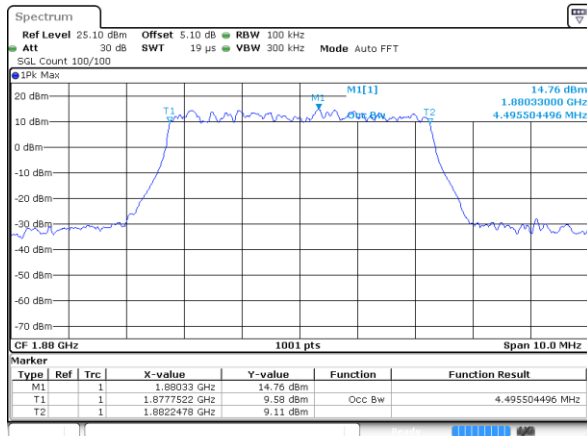
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Lowest Channel / 5MHz / 16QAM



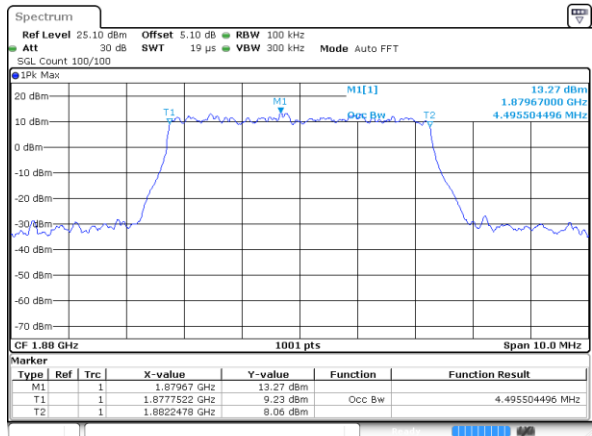
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Middle Channel / 5MHz / QPSK



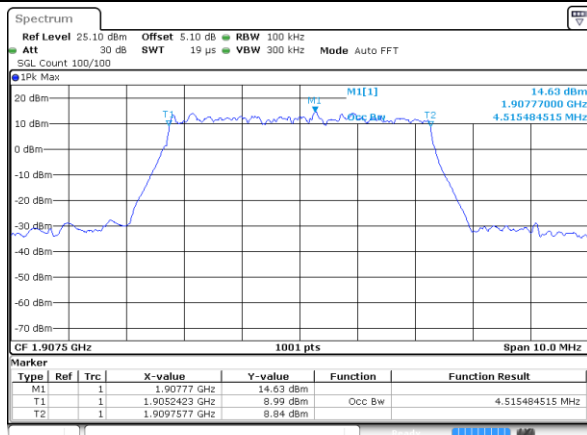
Date: 23 APR 2018 12:10:47

Middle Channel / 5MHz / 16QAM



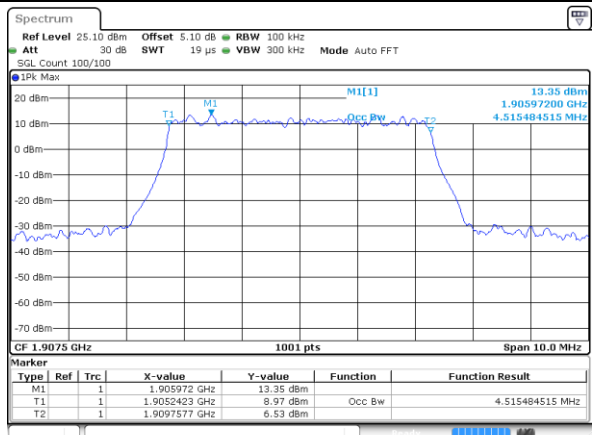
Date: 23 APR 2018 12:10:57

Highest Channel / 5MHz / QPSK



Date: 23 APR 2018 12:13:17

Highest Channel / 5MHz / 16QAM

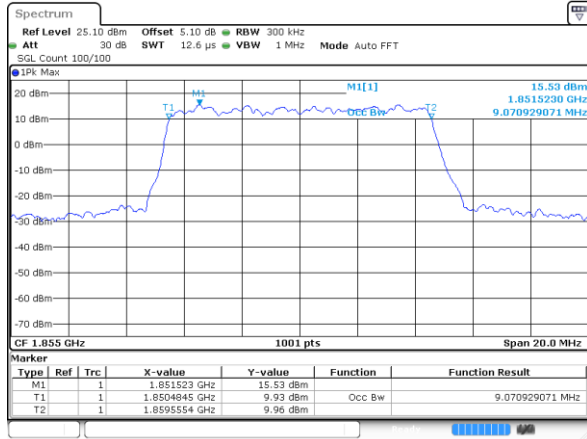


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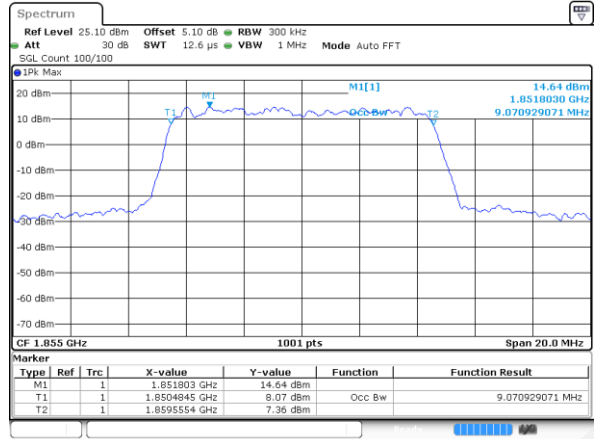
LTE Band 2

Lowest Channel / 10MHz / QPSK



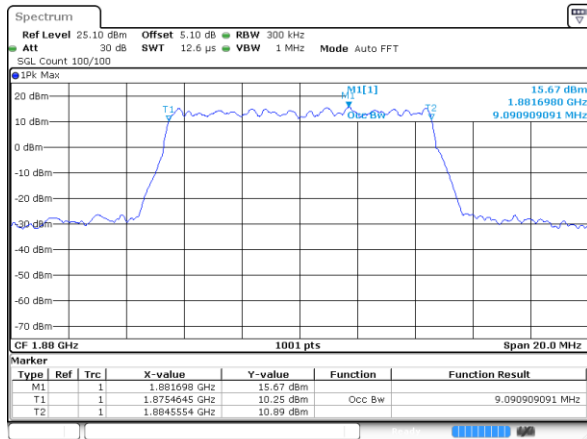
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Lowest Channel / 10MHz / 16QAM



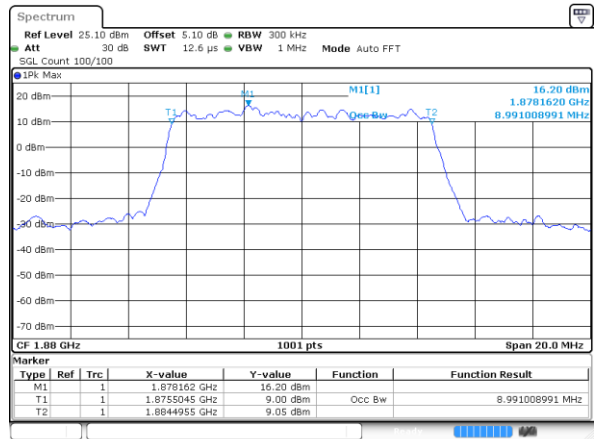
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Middle Channel / 10MHz / QPSK



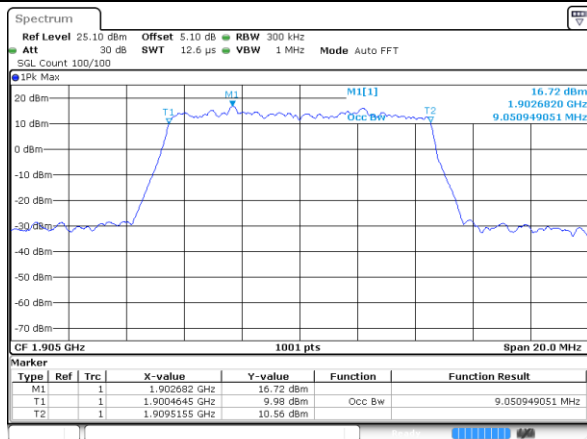
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Middle Channel / 10MHz / 16QAM



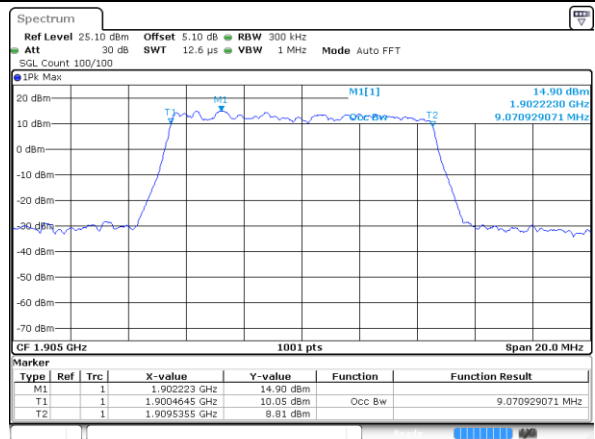
Date: 23 APR 2018 12:27:28

Highest Channel / 10MHz / QPSK



Date: 23 APR 2018 12:29:48

Highest Channel / 10MHz / 16QAM

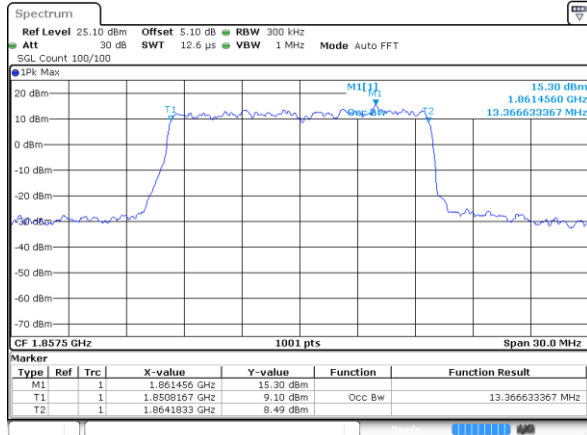


Date: 23 APR 2018 12:29:58



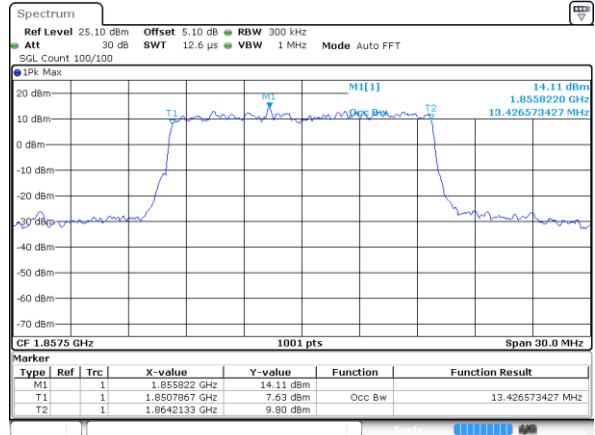
LTE Band 2

Lowest Channel / 15MHz / QPSK



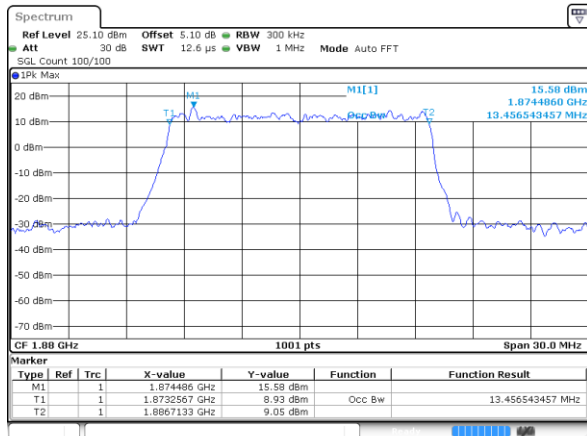
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Lowest Channel / 15MHz / 16QAM



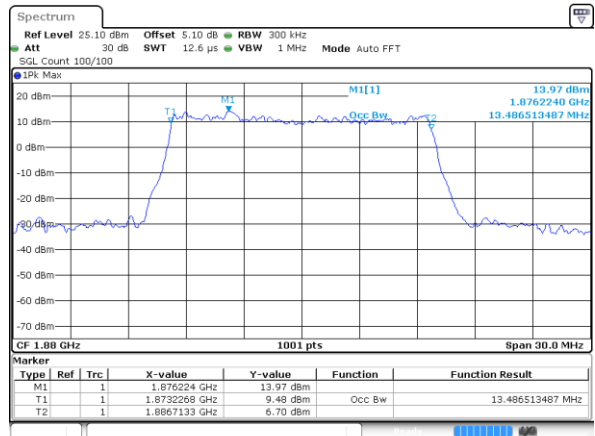
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Middle Channel / 15MHz / QPSK



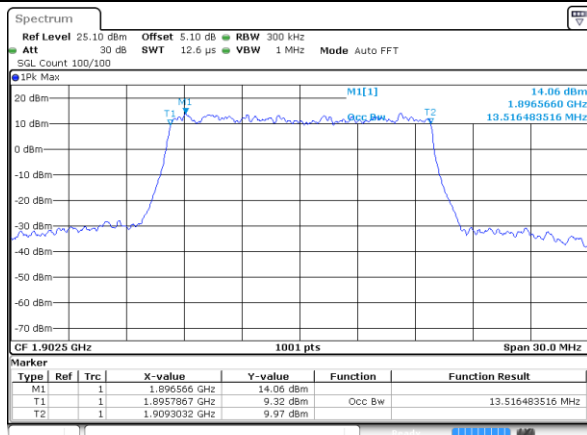
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Middle Channel / 15MHz / 16QAM



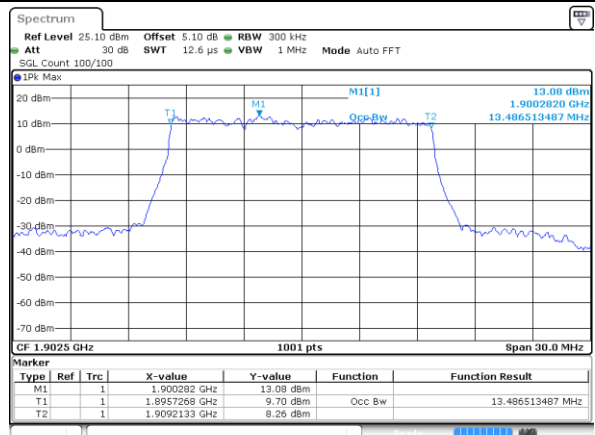
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Highest Channel / 15MHz / QPSK



Date: 23 APR 2018 12:46:18

Highest Channel / 15MHz / 16QAM

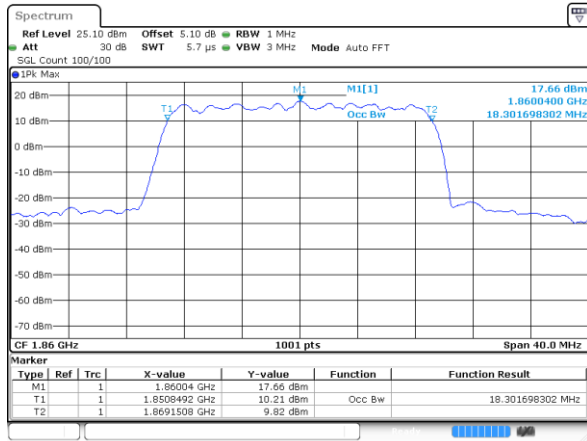


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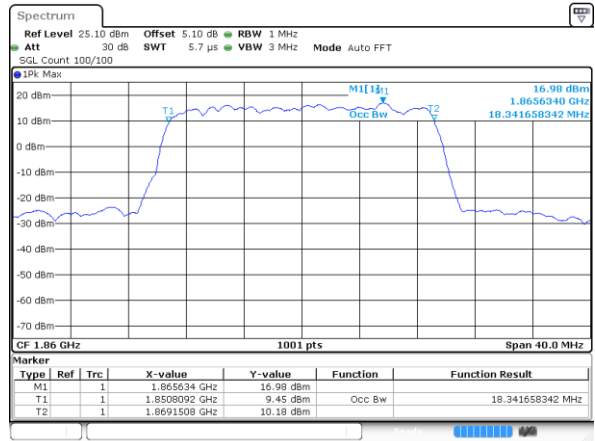
LTE Band 2

Lowest Channel / 20MHz / QPSK



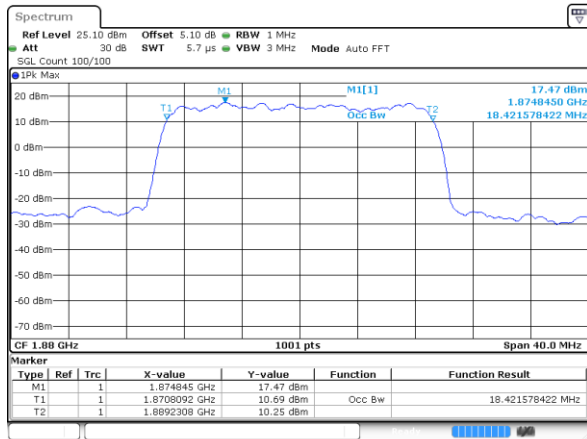
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Lowest Channel / 20MHz / 16QAM



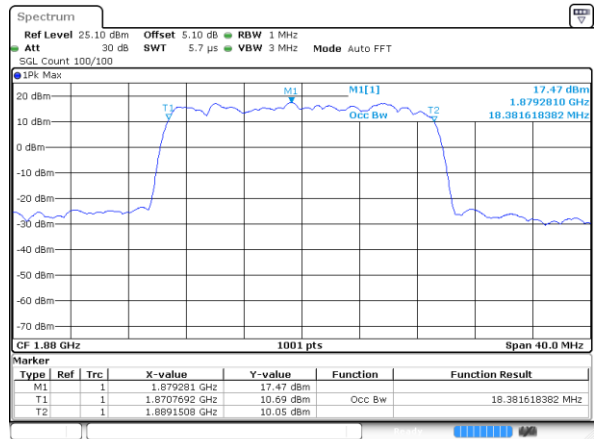
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Middle Channel / 20MHz / QPSK



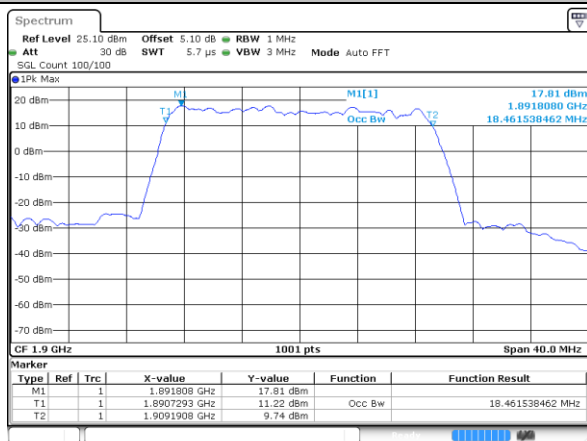
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Middle Channel / 20MHz / 16QAM



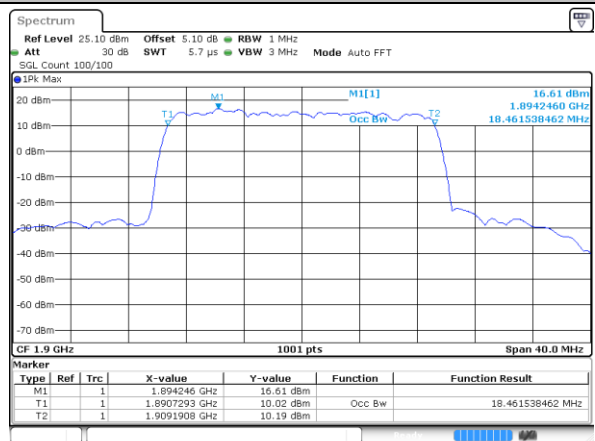
Date: 23 APR 2018 13:00:29

Highest Channel / 20MHz / QPSK



Date: 23 APR 2018 13:02:49

Highest Channel / 20MHz / 16QAM

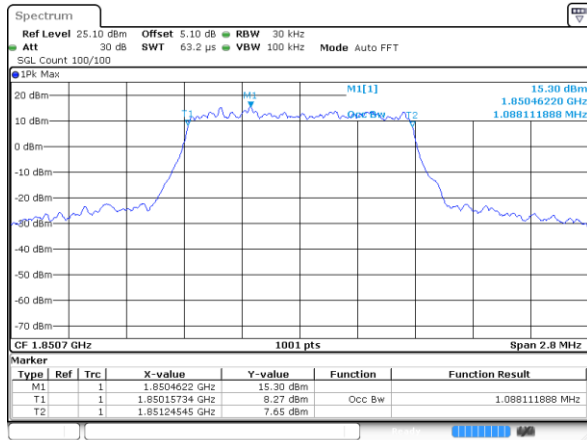


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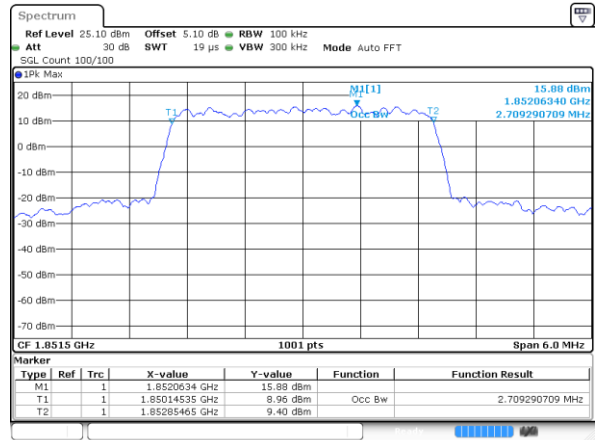


LTE Band 2

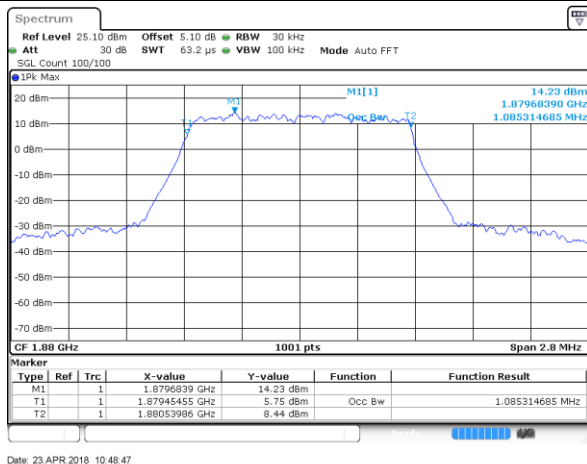
Lowest Channel / 1.4MHz / 64QAM



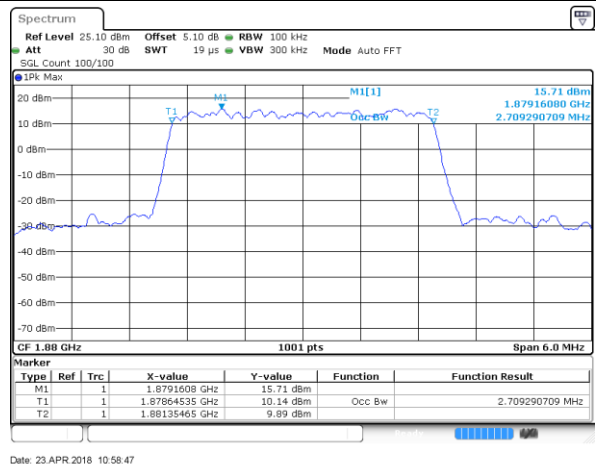
Lowest Channel / 3MHz / 64QAM



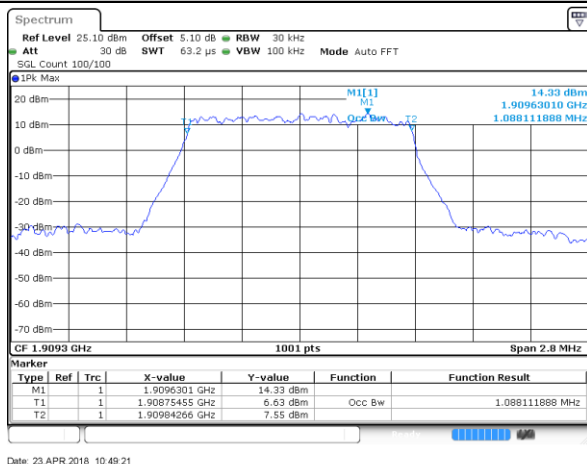
Middle Channel / 1.4MHz / 64QAM



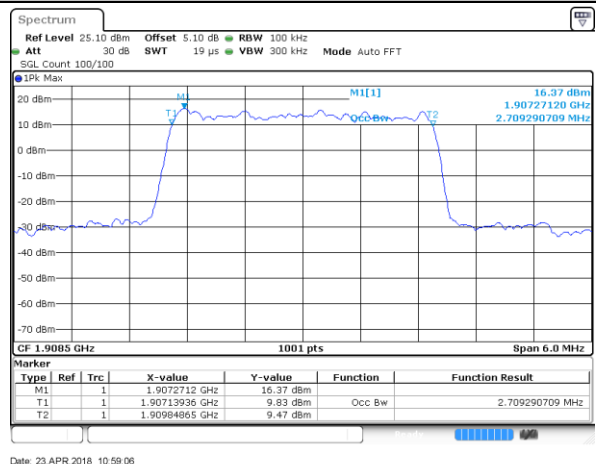
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



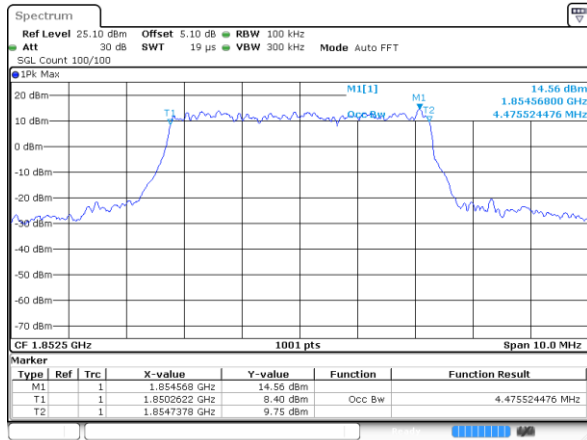
Highest Channel / 3MHz / 64QAM



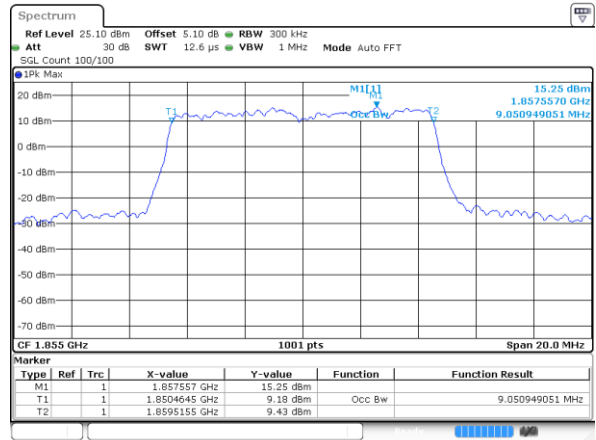


LTE Band 2

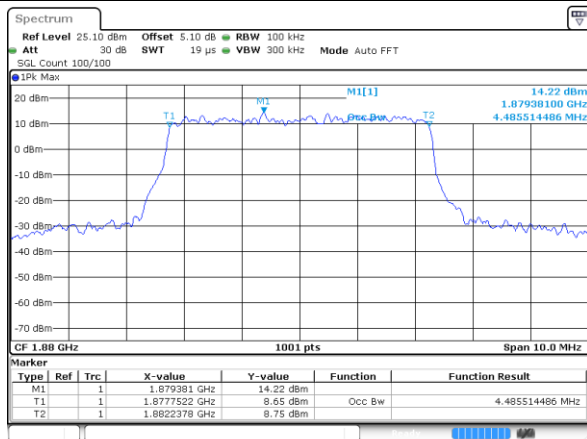
Lowest Channel / 5MHz / 64QAM



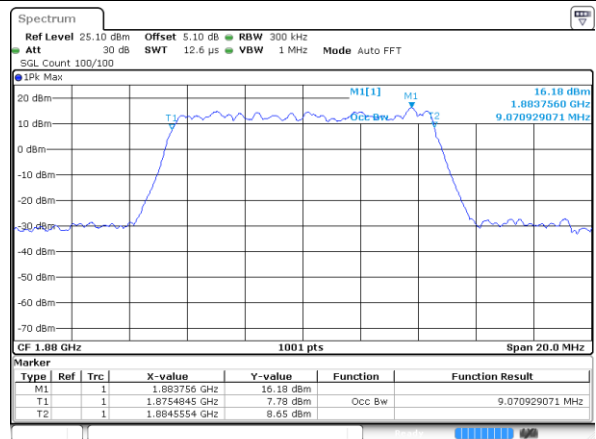
Lowest Channel / 10MHz / 64QAM



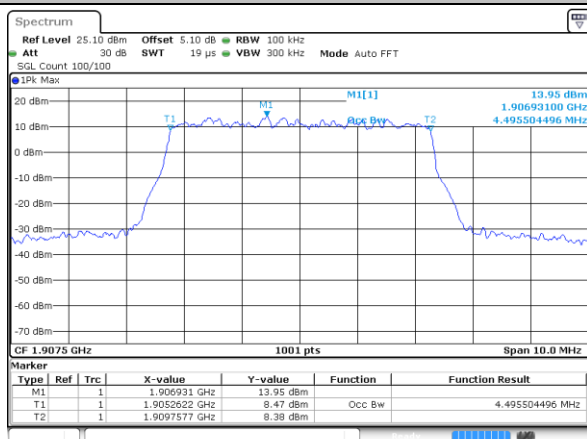
Middle Channel / 5MHz / 64QAM



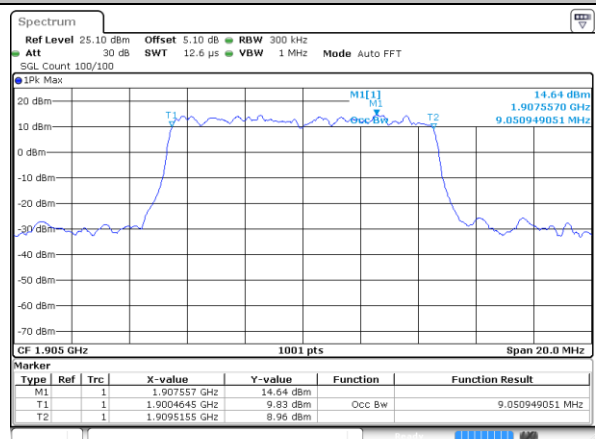
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



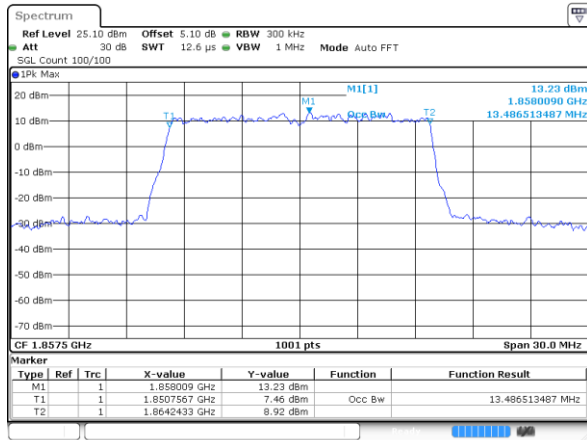
Highest Channel / 10MHz / 64QAM



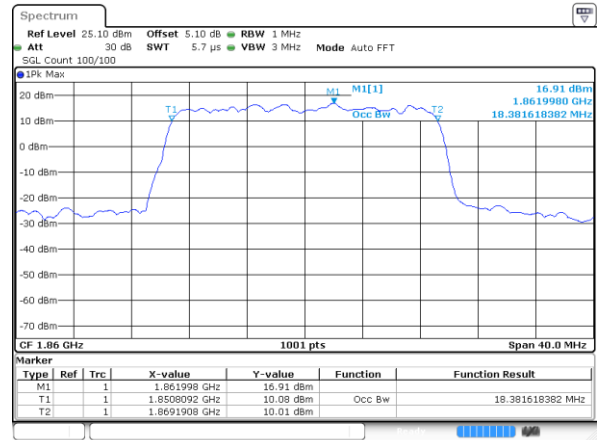


LTE Band 2

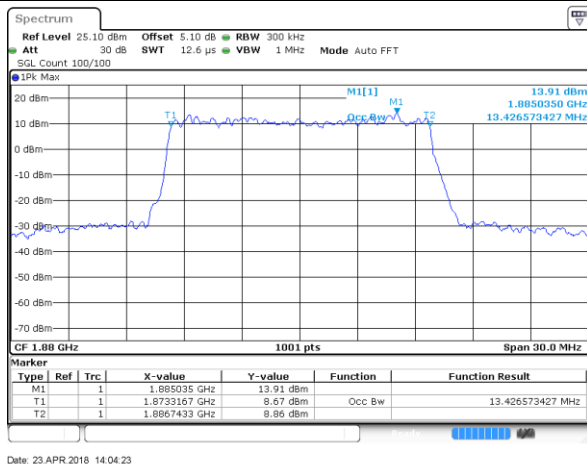
Lowest Channel / 15MHz / 64QAM



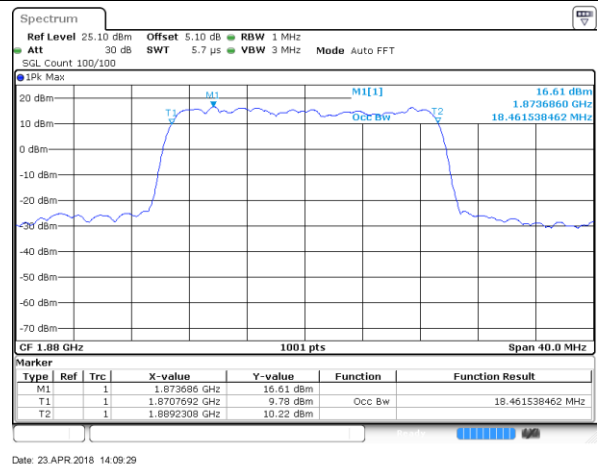
Lowest Channel / 20MHz / 64QAM



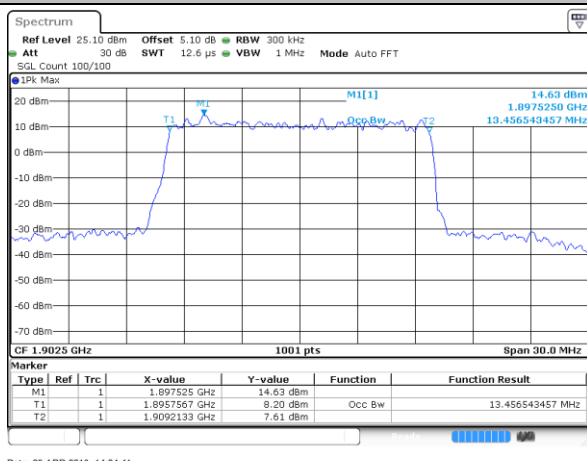
Middle Channel / 15MHz / 64QAM



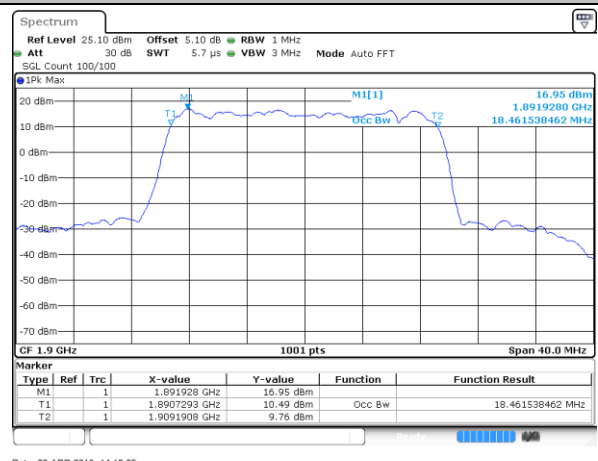
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



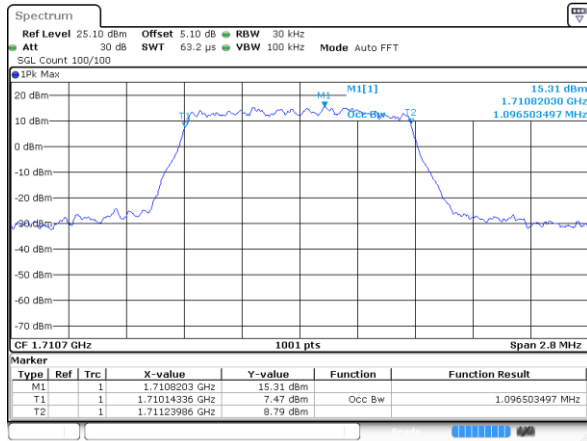
Highest Channel / 20MHz / 64QAM



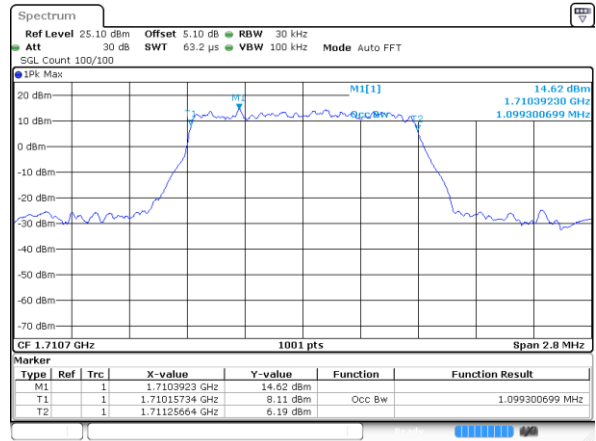


LTE Band 4

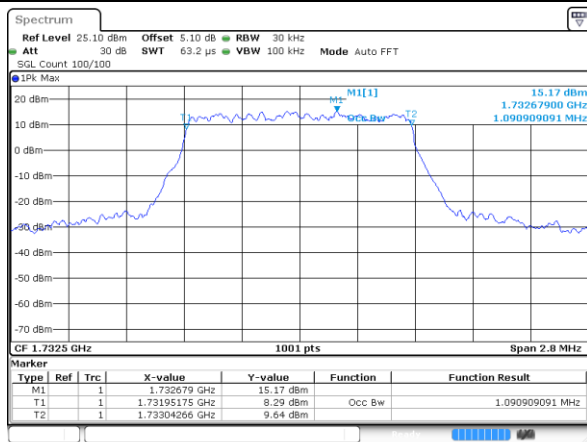
Lowest Channel / 1.4MHz / QPSK



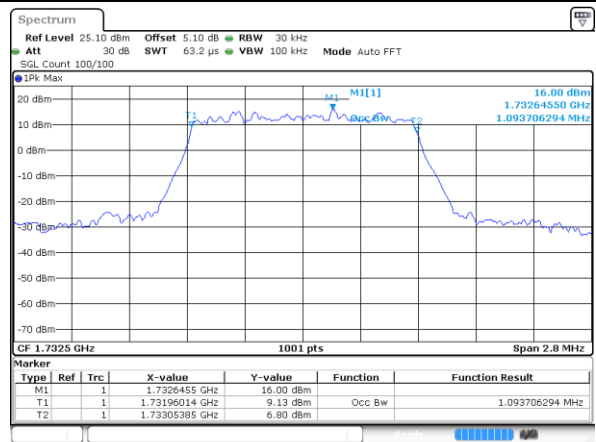
Lowest Channel / 1.4MHz / 16QAM



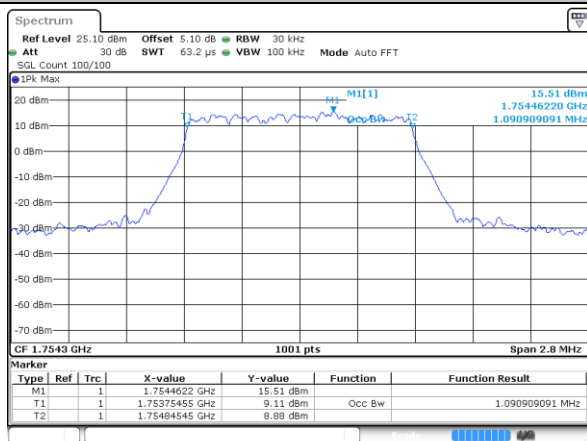
Middle Channel / 1.4MHz / QPSK



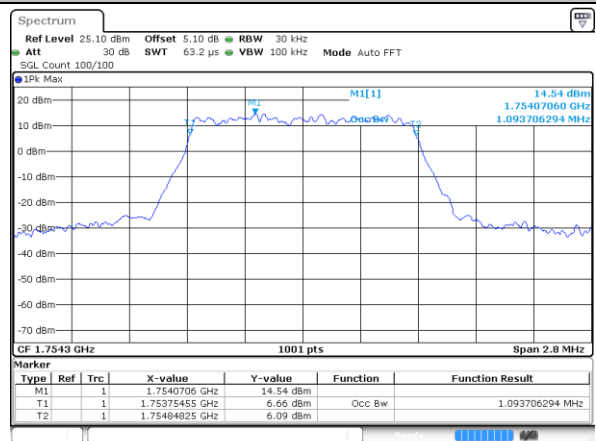
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



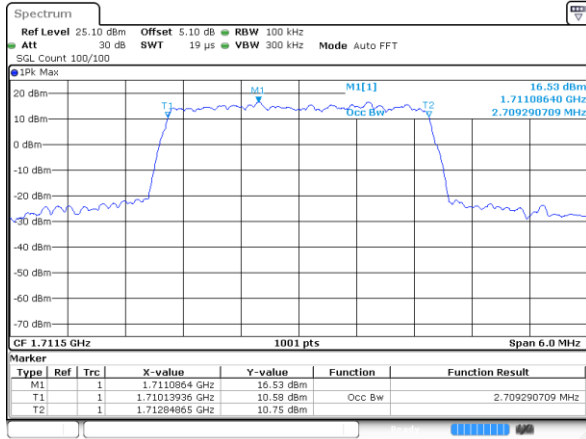
Highest Channel / 1.4MHz / 16QAM



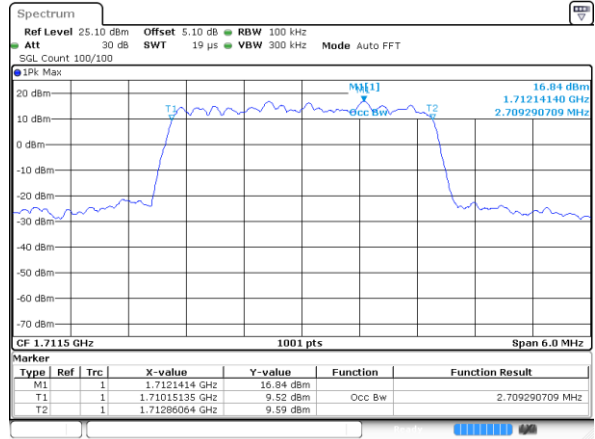


LTE Band 4

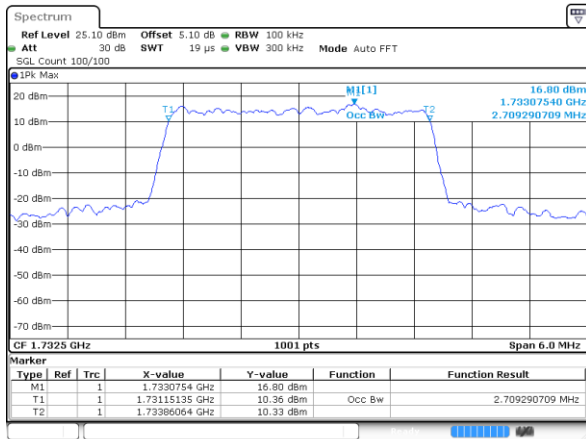
Lowest Channel / 3MHz / QPSK



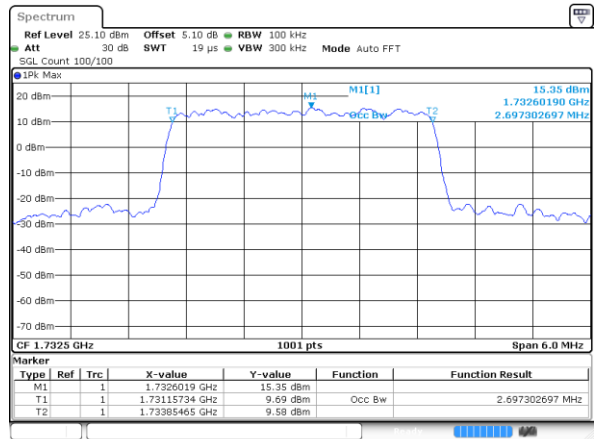
Lowest Channel / 3MHz / 16QAM



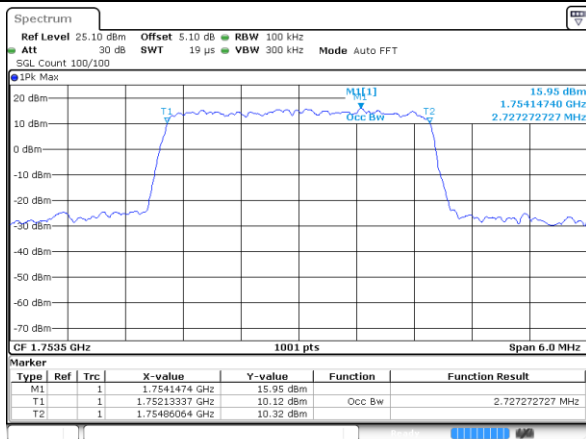
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



Highest Channel / 3MHz / 16QAM

