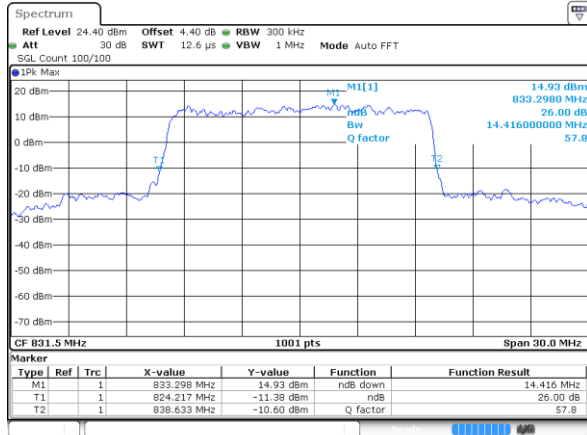




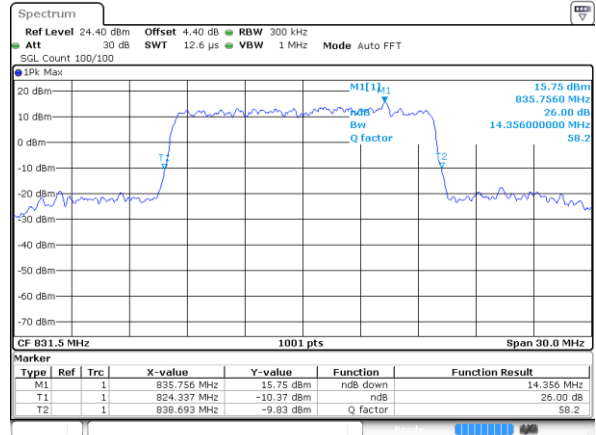
LTE Band 26

Lowest Channel / 15MHz / QPSK



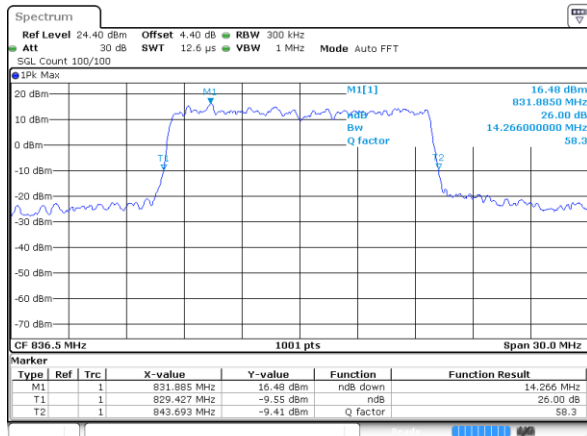
Date: 7 JUN 2018 14:17:16

Lowest Channel / 15MHz / 16QAM



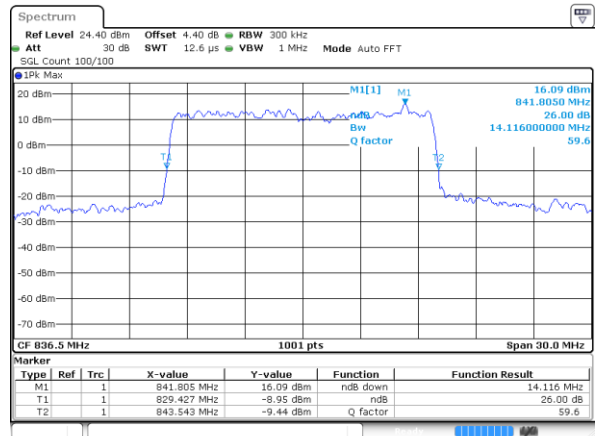
Date: 7 JUN 2018 14:17:35

Middle Channel / 15MHz / QPSK



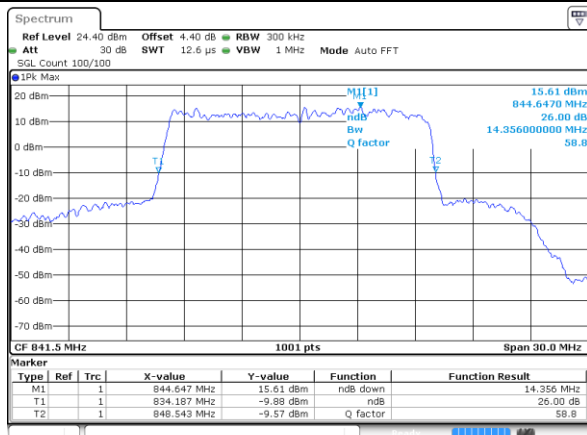
Date: 7 JUN 2018 14:19:10

Middle Channel / 15MHz / 16QAM



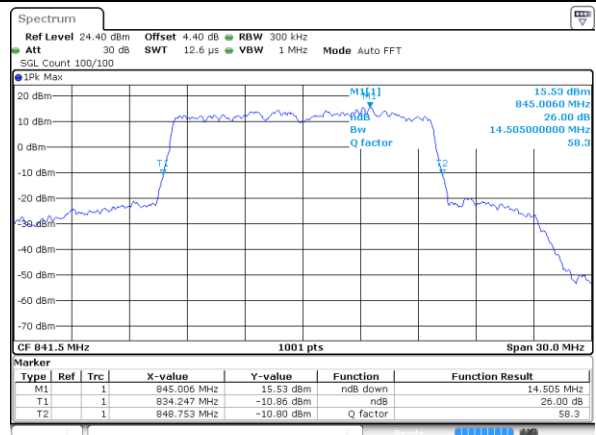
Date: 7 JUN 2018 14:18:39

Highest Channel / 15MHz / QPSK



Date: 7 JUN 2018 14:19:39

Highest Channel / 15MHz / 16QAM

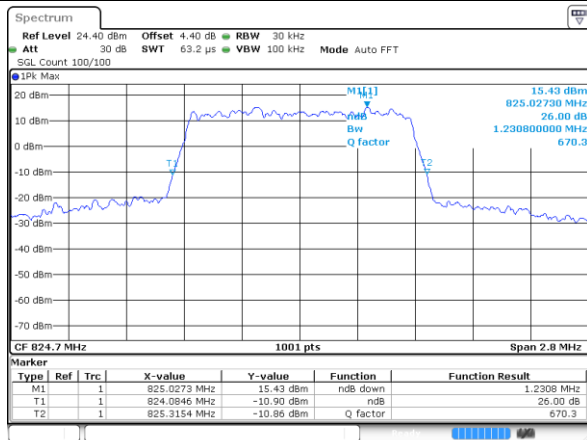


Date: 7 JUN 2018 14:20:01

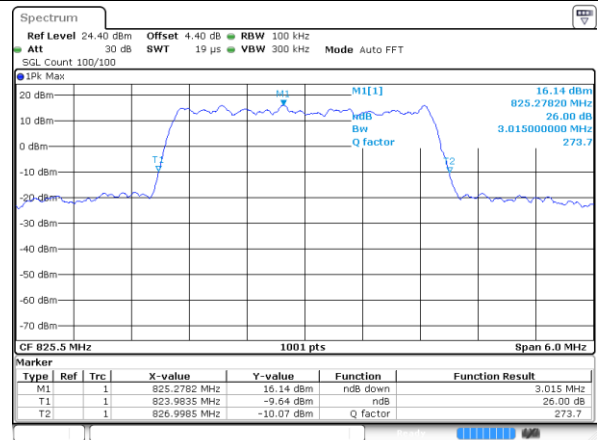


LTE Band 26

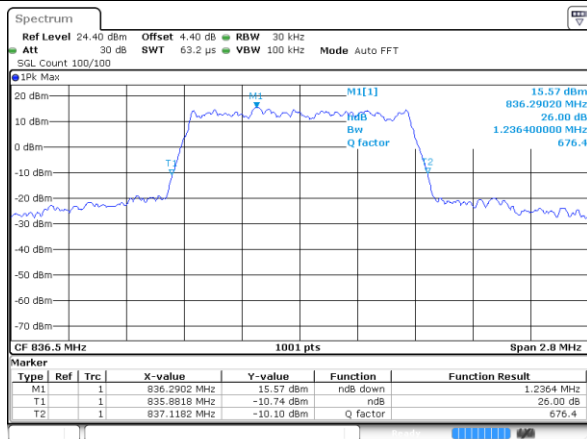
Lowest Channel / 1.4MHz / 64QAM



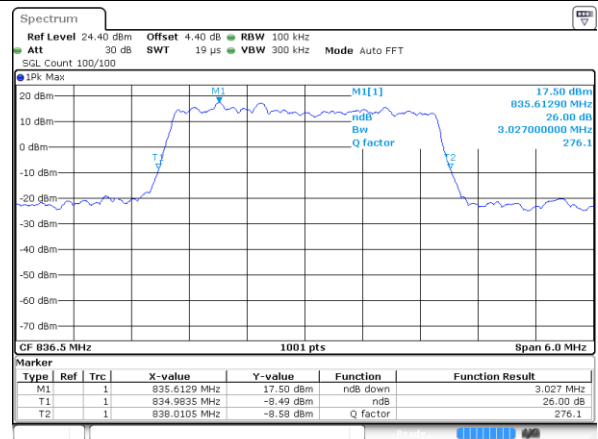
Lowest Channel / 3MHz / 64QAM



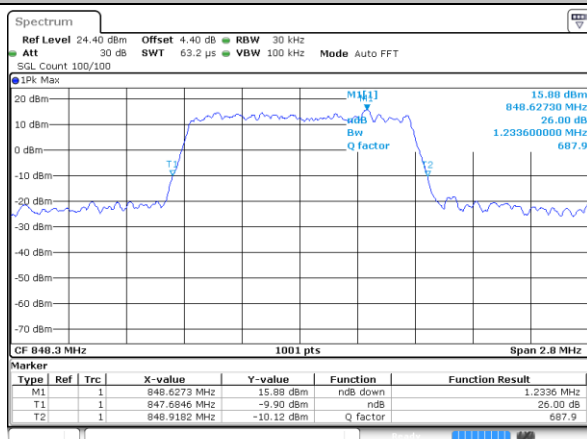
Middle Channel / 1.4MHz / 64QAM



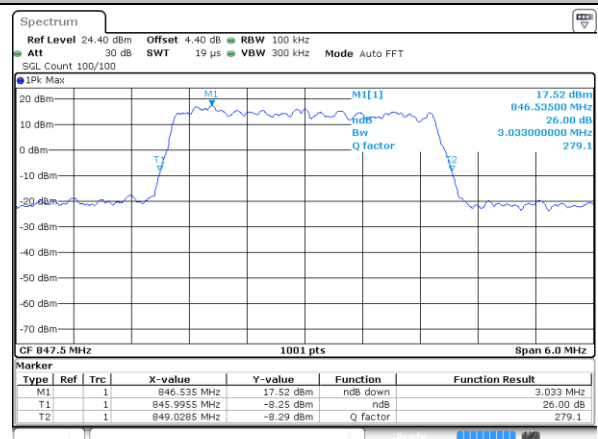
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



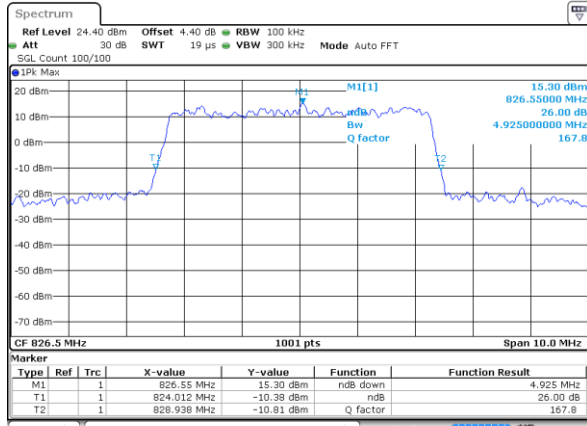
Highest Channel / 3MHz / 64QAM



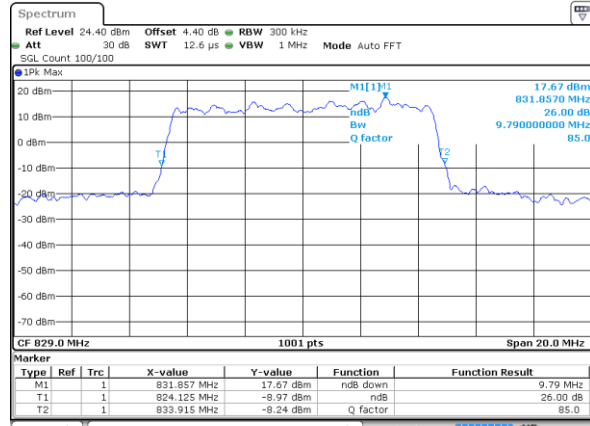


LTE Band 26

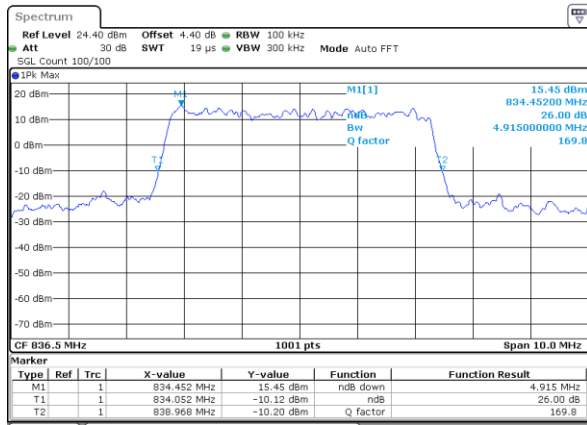
Lowest Channel / 5MHz / 64QAM



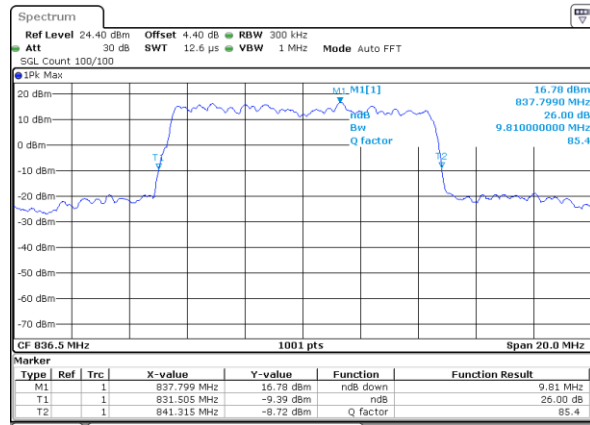
Lowest Channel / 10MHz / 64QAM



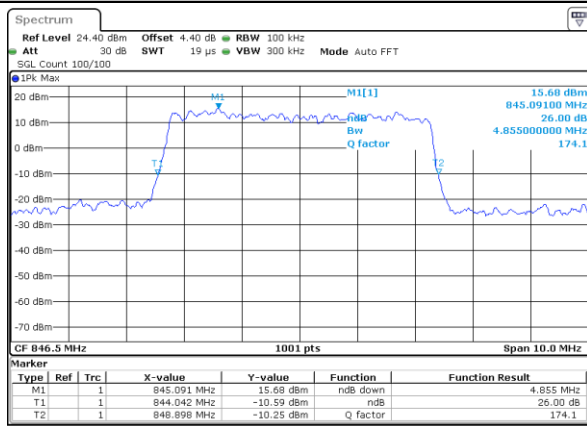
Middle Channel / 5MHz / 64QAM



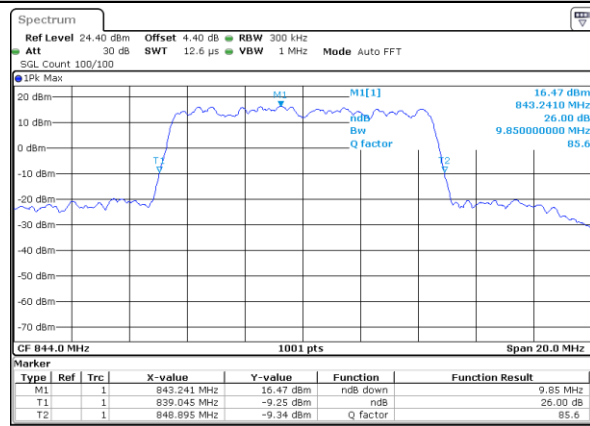
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



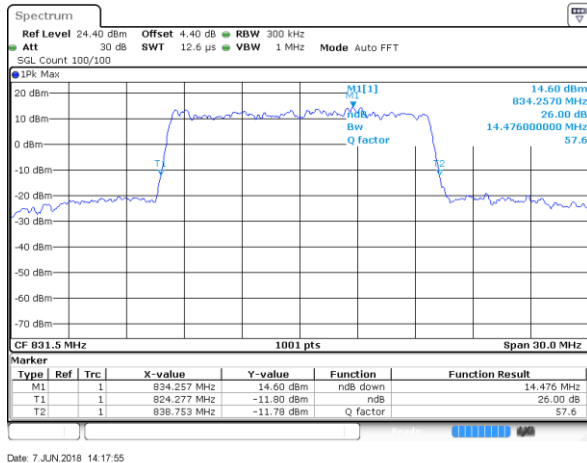
Highest Channel / 10MHz / 64QAM



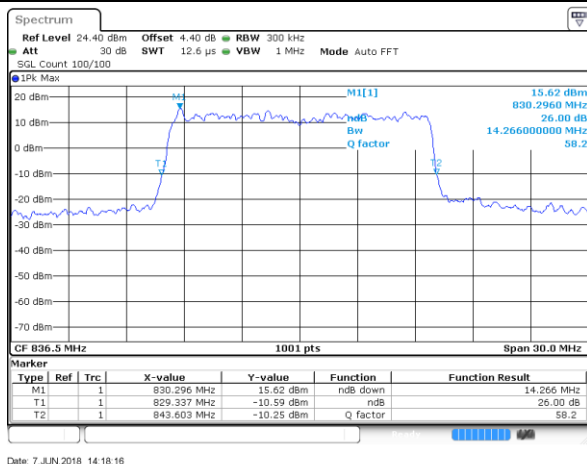


LTE Band 26

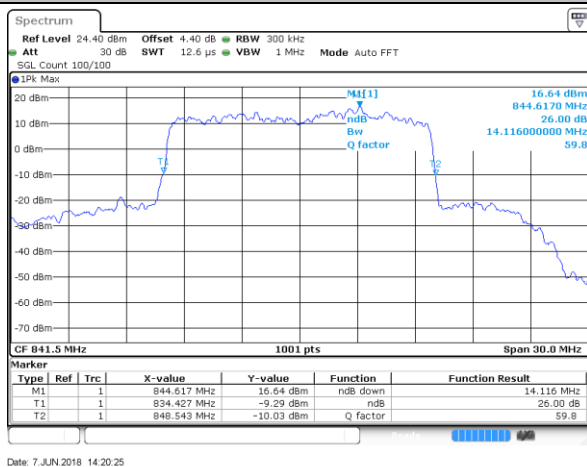
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



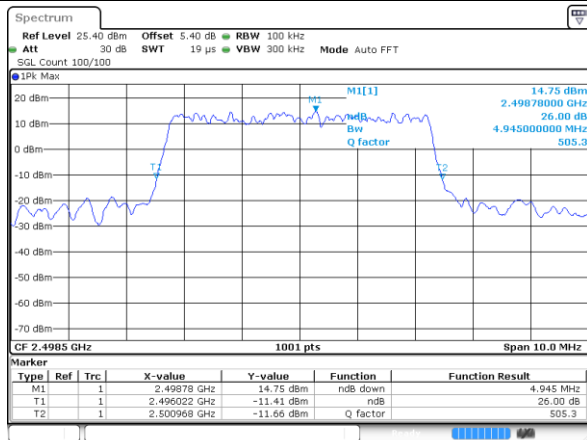
Highest Channel / 15MHz / 64QAM





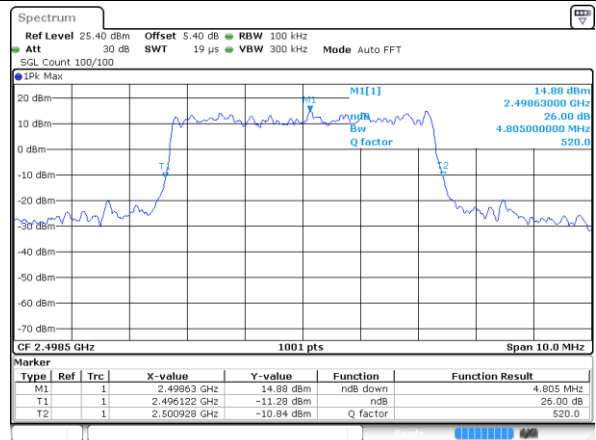
LTE Band 41

Lowest Channel / 5MHz / QPSK



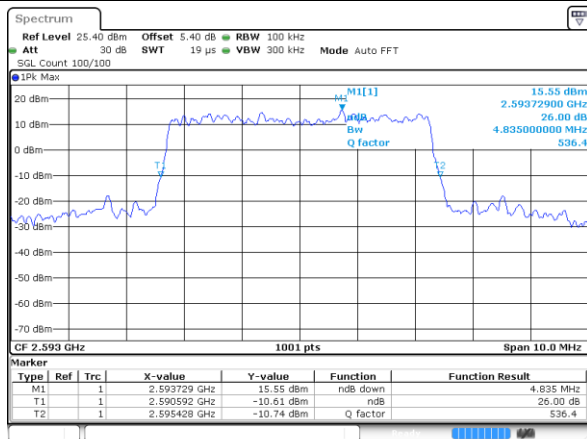
Date: 5 JUN 2018 16:34:32

Lowest Channel / 5MHz / 16QAM



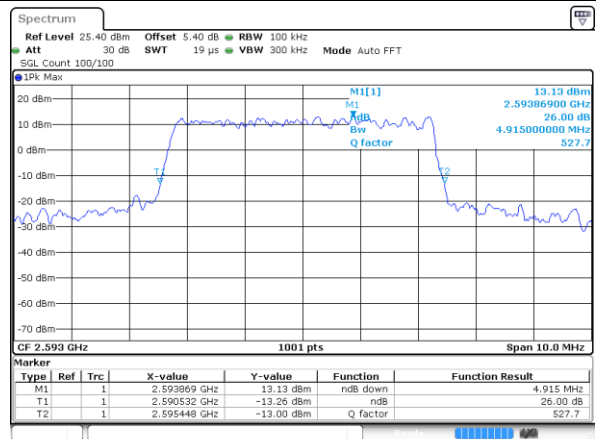
Date: 5 JUN 2018 16:34:52

Middle Channel / 5MHz / QPSK



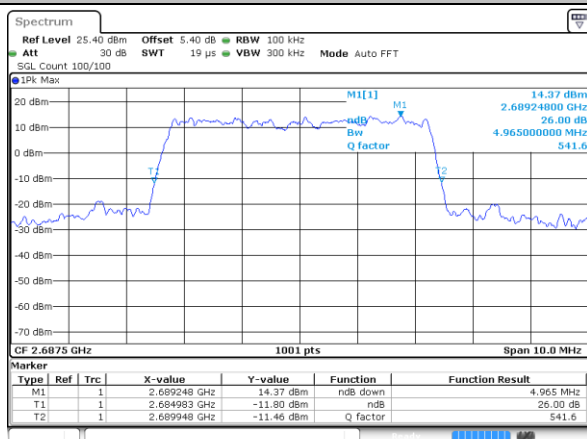
Date: 5 JUN 2018 16:35:44

Middle Channel / 5MHz / 16QAM



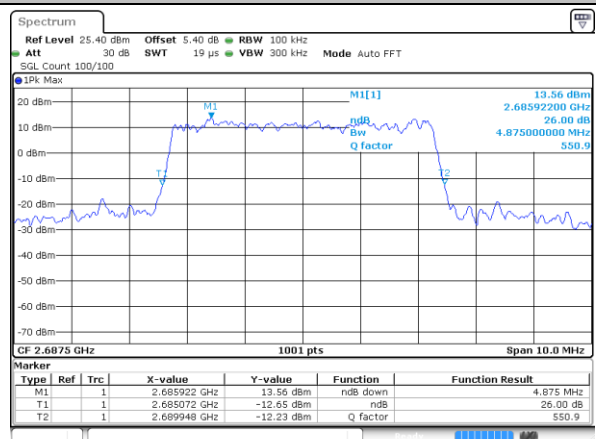
Date: 5 JUN 2018 16:36:09

Highest Channel / 5MHz / QPSK



Date: 5 JUN 2018 16:37:17

Highest Channel / 5MHz / 16QAM

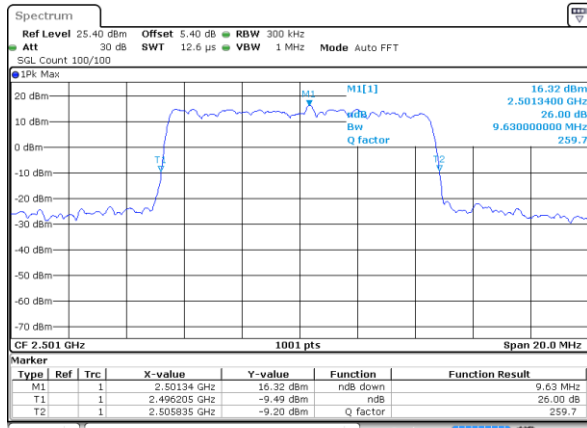


Date: 5 JUN 2018 16:37:06

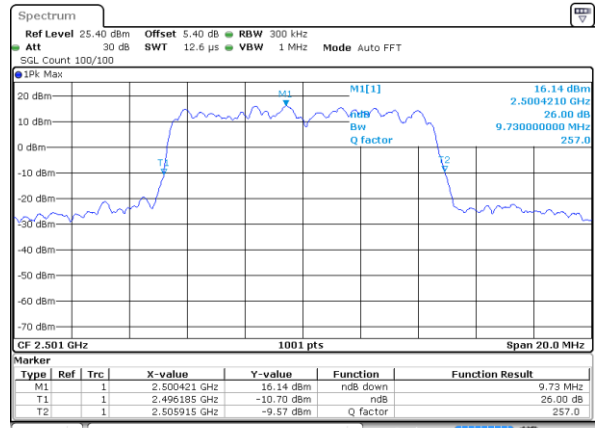


LTE Band 41

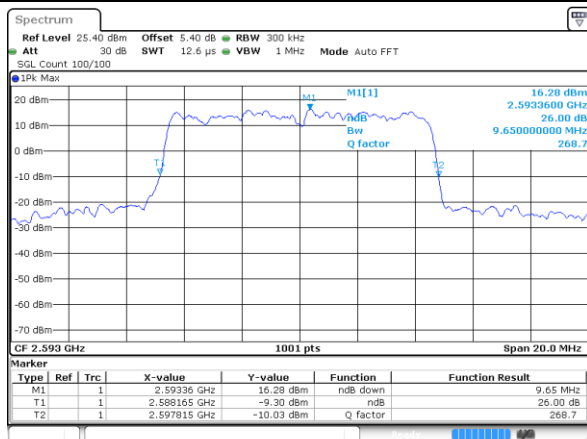
Lowest Channel / 10MHz / QPSK



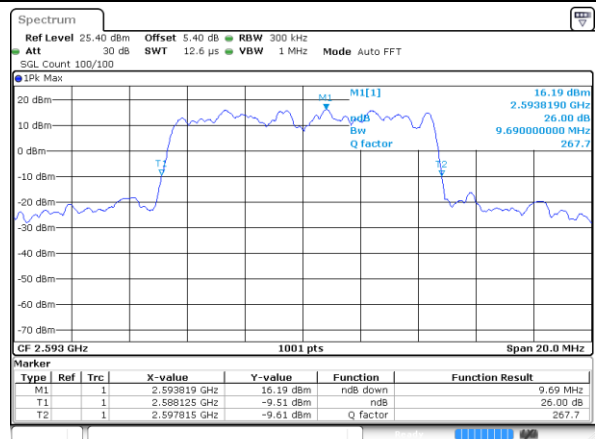
Lowest Channel / 10MHz / 16QAM



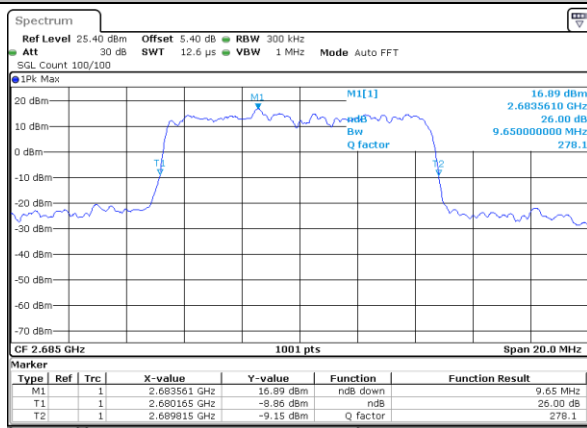
Middle Channel / 10MHz / QPSK



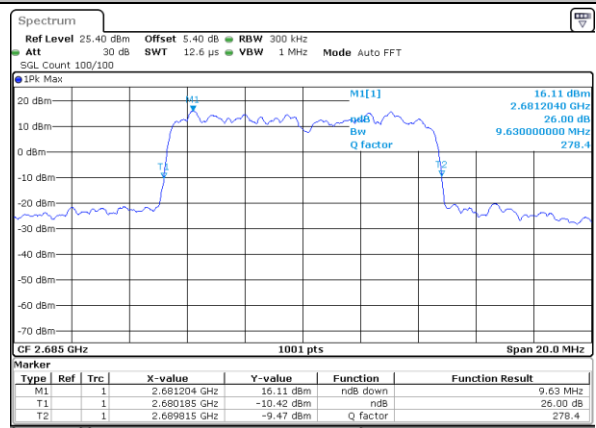
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



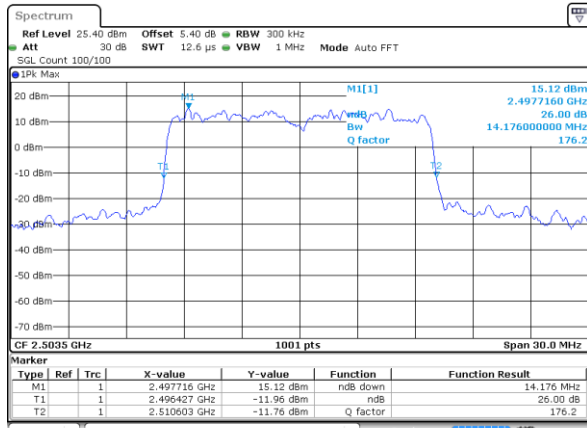
Highest Channel / 10MHz / 16QAM





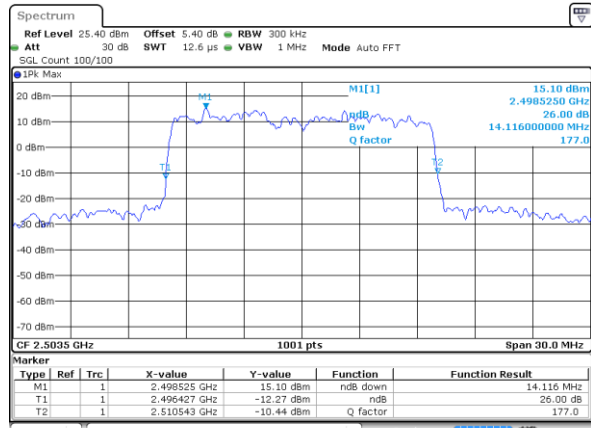
LTE Band 41

Lowest Channel / 15MHz / QPSK



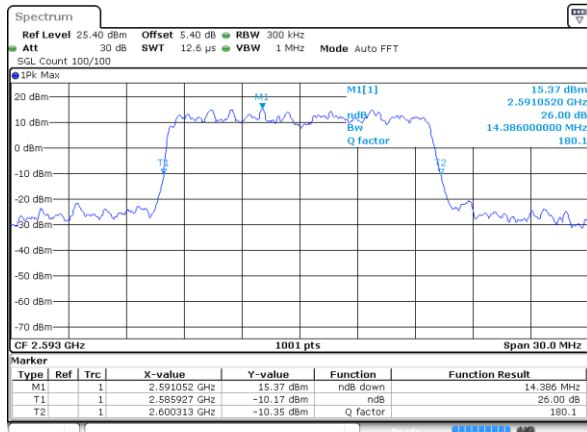
Date: 5 JUN 2018 16:44:48

Lowest Channel / 15MHz / 16QAM



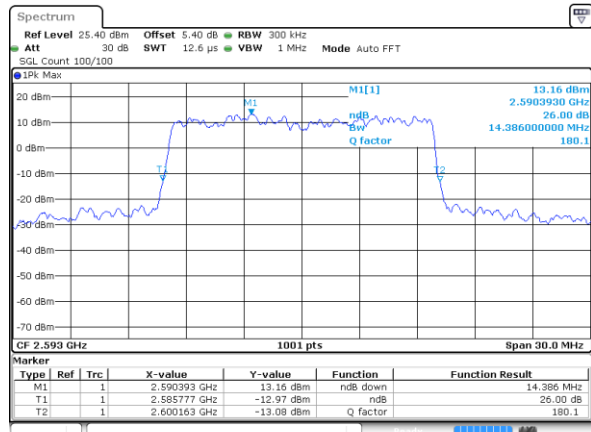
Date: 5 JUN 2018 16:45:07

Middle Channel / 15MHz / QPSK



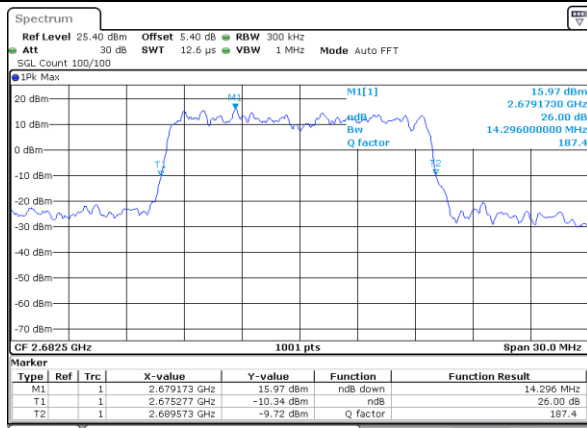
Date: 5 JUN 2018 16:46:49

Middle Channel / 15MHz / 16QAM



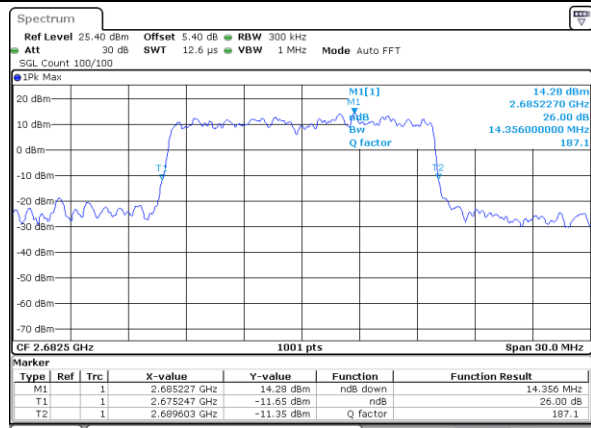
Date: 5 JUN 2018 16:46:30

Highest Channel / 15MHz / QPSK



Date: 5 JUN 2018 16:47:19

Highest Channel / 15MHz / 16QAM

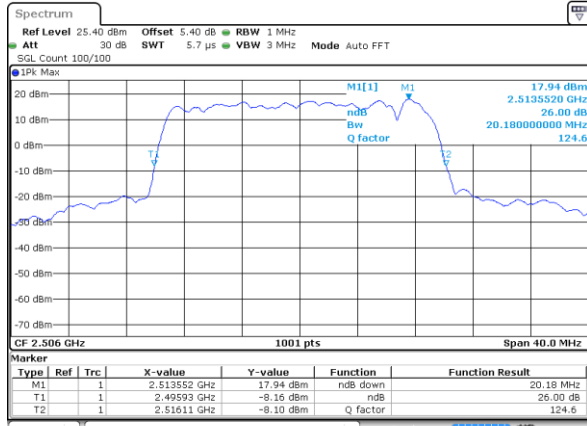


Date: 5 JUN 2018 16:47:39



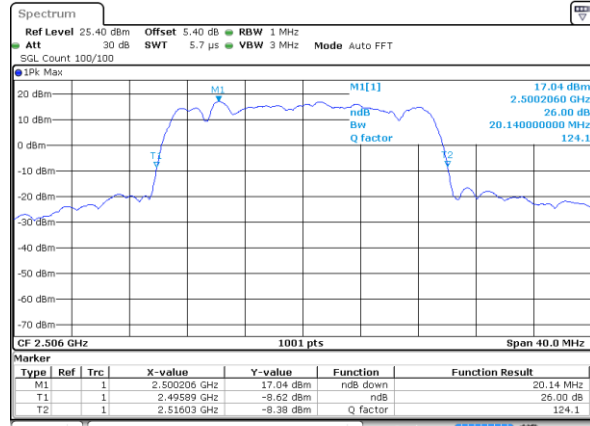
LTE Band 41

Lowest Channel / 20MHz / QPSK



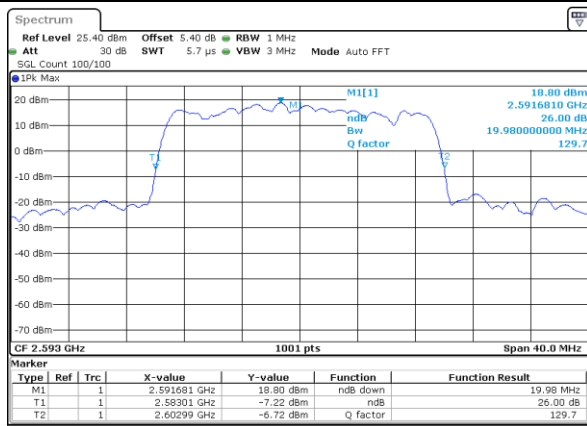
Date: 5 JUN 2018 16:48:22

Lowest Channel / 20MHz / 16QAM



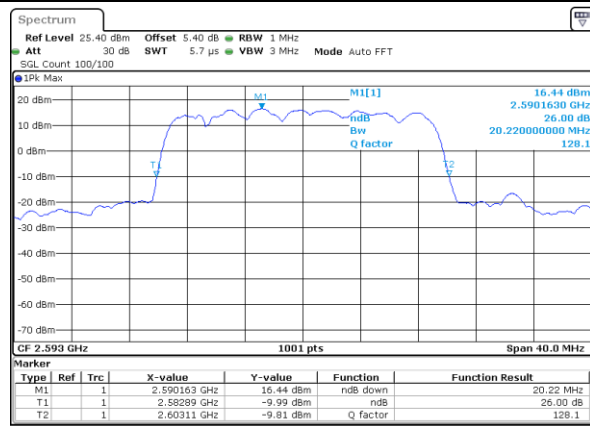
Date: 5 JUN 2018 16:48:41

Middle Channel / 20MHz / QPSK



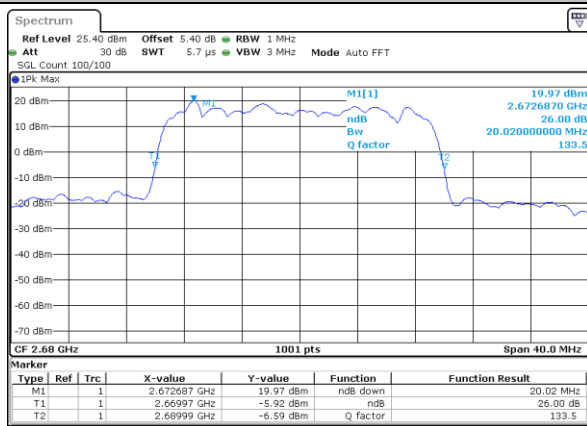
Date: 5 JUN 2018 16:49:57

Middle Channel / 20MHz / 16QAM



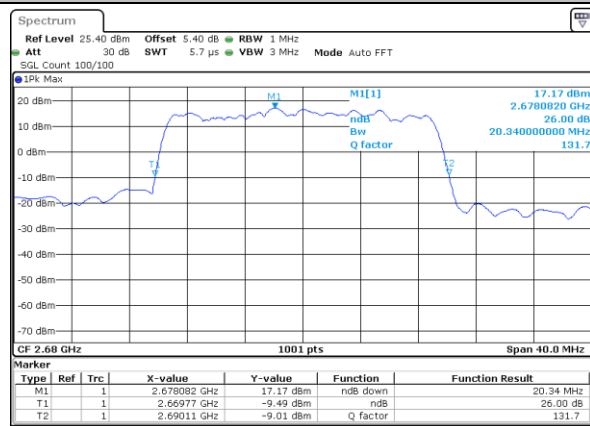
Date: 5 JUN 2018 16:49:38

Highest Channel / 20MHz / QPSK



Date: 5 JUN 2018 16:50:15

Highest Channel / 20MHz / 16QAM

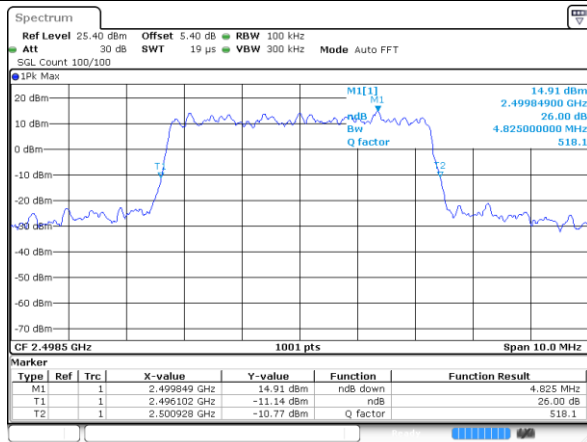


Date: 5 JUN 2018 16:50:34



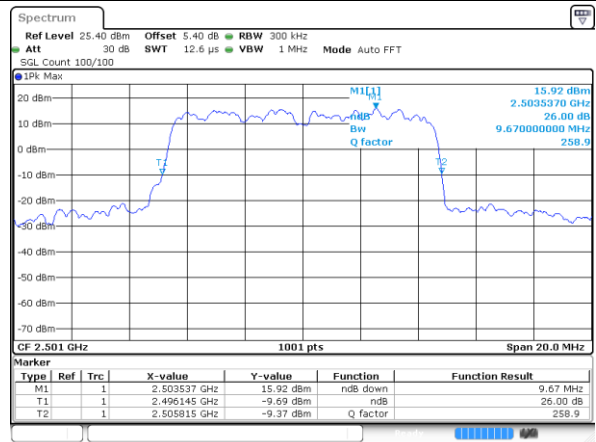
LTE Band 41

Lowest Channel / 5MHz / 64QAM



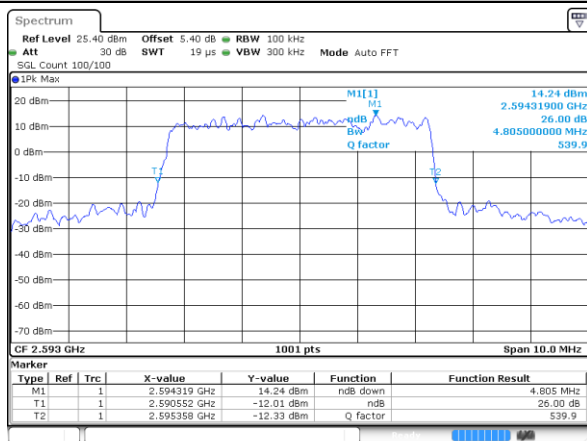
Date: 5 JUN 2018 16:35:15

Lowest Channel / 10MHz / 64QAM



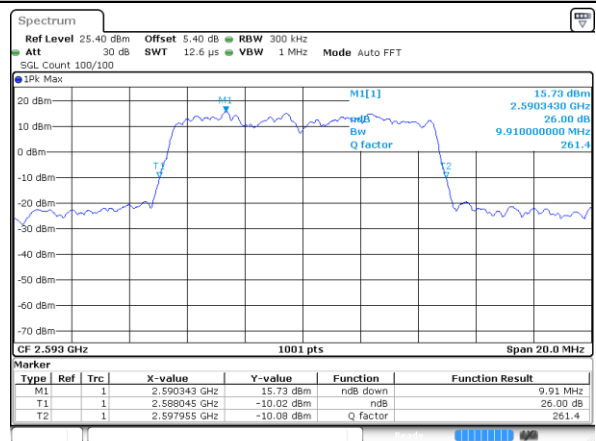
Date: 5 JUN 2018 16:39:28

Middle Channel / 5MHz / 64QAM



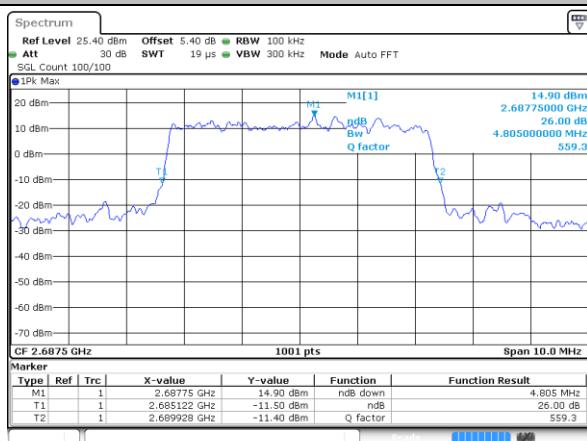
Date: 5 JUN 2018 16:36:28

Middle Channel / 10MHz / 64QAM



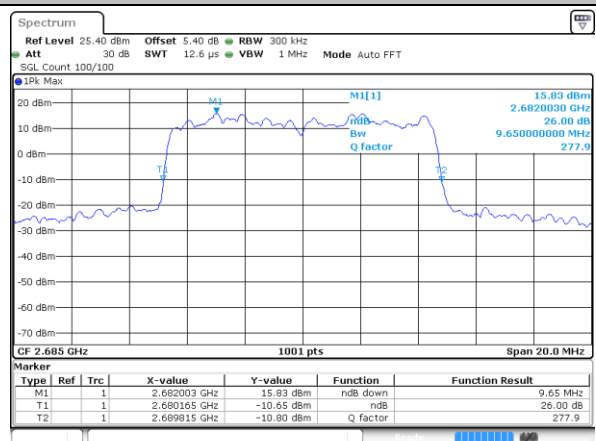
Date: 5 JUN 2018 16:39:49

Highest Channel / 5MHz / 64QAM



Date: 5 JUN 2018 16:38:10

Highest Channel / 10MHz / 64QAM

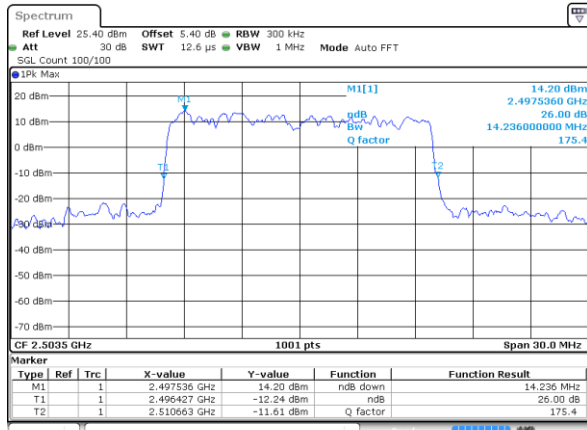


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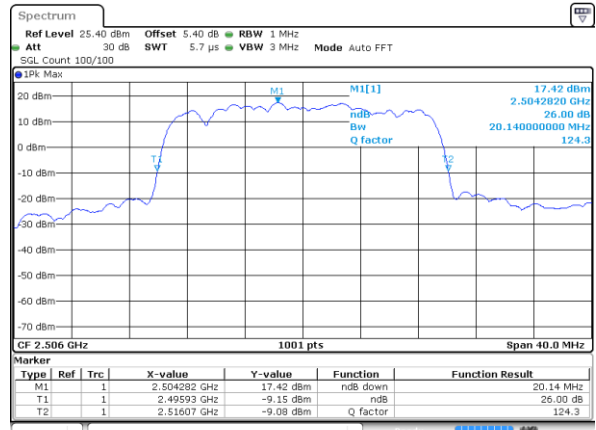


LTE Band 41

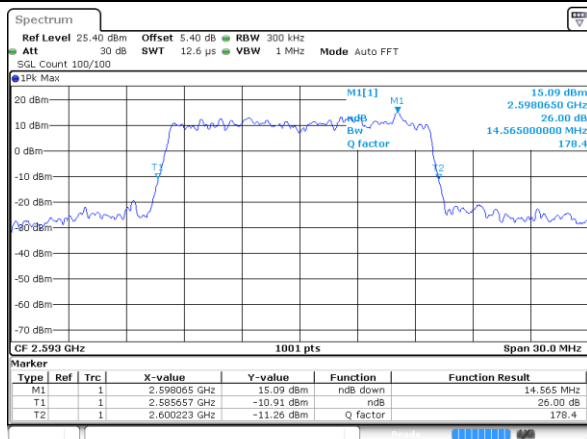
Lowest Channel / 15MHz / 64QAM



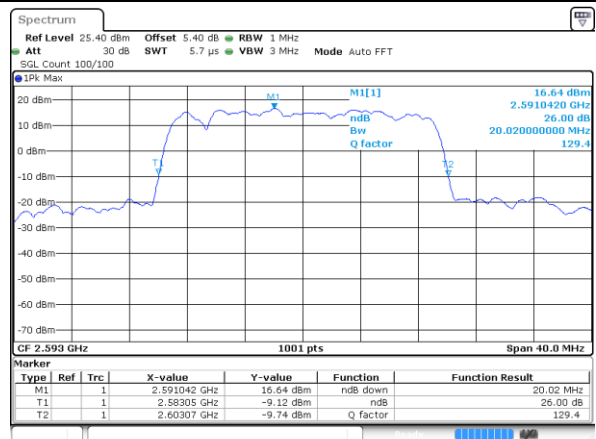
Lowest Channel / 20MHz / 64QAM



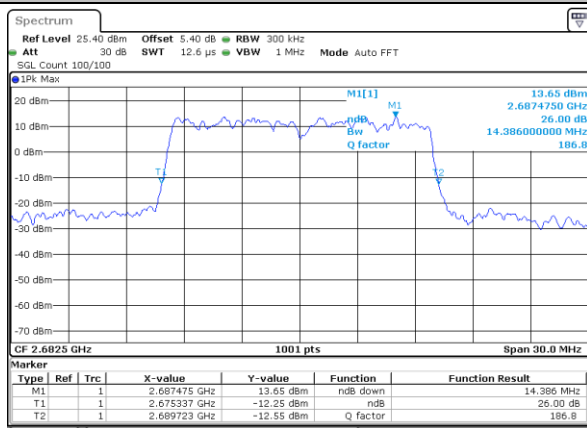
Middle Channel / 15MHz / 64QAM



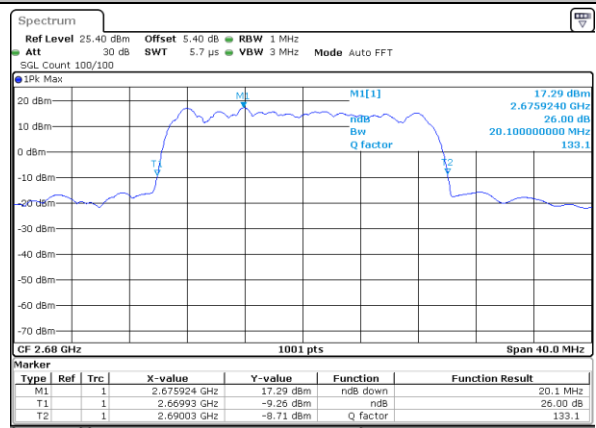
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM





Occupied Bandwidth

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	2.74	2.72	4.5	4.49	9.09	8.99	13.43	13.37	18.34	18.26
Middle CH	1.09	1.09	2.73	2.72	4.51	4.51	8.97	9.01	13.43	13.49	18.42	18.50
Highest CH	1.09	1.08	2.74	2.73	4.49	4.5	9.03	8.97	13.43	13.43	18.14	18.38
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		2.71		4.52		9.03		13.37		18.30	
Middle CH	1.09		2.72		4.50		9.07		13.55		18.46	
Highest CH	1.09		2.71		4.50		8.99		13.43		18.34	

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	4.50	4.48	9.05	9.03	13.37	13.43	18.22	18.34	4.52	8.97	13.43	18.38
Middle CH	4.50	4.51	8.97	9.01	13.49	13.43	18.18	18.46	4.52	9.05	13.43	18.30
Highest CH	4.51	4.50	9.03	9.03	13.49	13.49	18.34	18.30	4.50	9.01	13.43	18.38

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM				
Lowest CH	1.10	1.09	2.71	2.73	4.49	4.50	8.99	8.99				
Middle CH	1.09	1.10	2.71	2.74	4.51	4.50	9.01	9.01				
Highest CH	1.09	1.09	2.72	2.70	4.48	4.51	9.03	9.03				
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz					
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	1.10		2.72		4.49		8.93					
Middle CH	1.08		2.72		4.49		9.05					
Highest CH	1.08		2.72		4.50		9.05					



Mode	LTE Band 13 : 99%OBW(MHz)											
BW	5MHz		10MHz		5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM		64QAM					
Lowest CH	4.50	4.49	-	-	4.49							
Middle CH	4.50	4.51	9.05	9.01	4.50		9.01					
Highest CH	4.50	4.49	-	-	4.50							

Mode	LTE Band 25 : 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	2.72	4.50	4.52	9.09	9.07	13.40	13.46	18.26	18.38
Middle CH	1.09	1.09	2.73	2.72	4.48	4.49	9.07	9.01	13.40	13.43	18.42	18.54
Highest CH	1.09	1.09	2.73	2.74	4.51	4.48	9.07	8.99	13.40	13.40	18.14	18.22
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.51	9.03	13.43	18.30						
Middle CH	1.09	2.74	4.49	9.03	13.46	18.34						
Highest CH	1.09	2.74	4.52	9.07	13.43	18.26						

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	1.09	1.09	2.71	2.71	4.51	4.51	9.07	9.09	13.43	13.43		
Middle CH	1.09	1.09	2.73	2.73	4.48	4.51	9.07	8.99	13.49	13.40		
Highest CH	1.09	1.10	2.71	2.73	4.50	4.49	8.95	9.01	13.37	13.40		
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz							
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM							
Lowest CH	1.08	2.74	4.49	9.03	13.43							
Middle CH	1.09	2.74	4.49	8.99	13.49							
Highest CH	1.10	2.72	4.49	8.99	13.43							

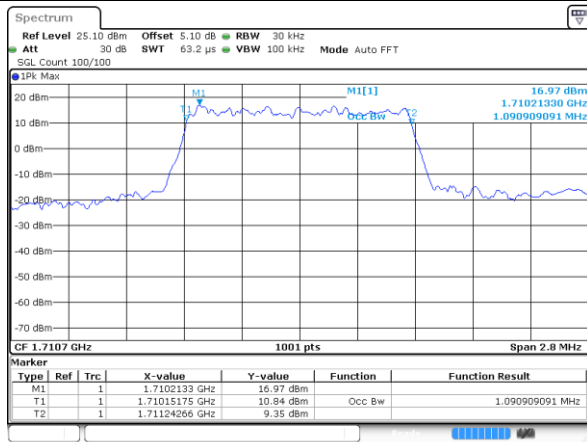


Mode	LTE Band 41 : 99%OBW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.48	4.50	8.99	8.97	13.43	13.37	18.26	18.30
Middle CH					4.48	4.50	9.01	9.05	13.46	13.37	18.46	18.14
Highest CH					4.49	4.49	8.99	9.05	13.40	13.46	18.22	18.18
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM		64QAM		64QAM		64QAM	
Lowest CH					4.51		9.01		13.40		18.22	
Middle CH					4.50		9.05		13.40		18.30	
Highest CH					4.49		9.05		13.37		18.22	

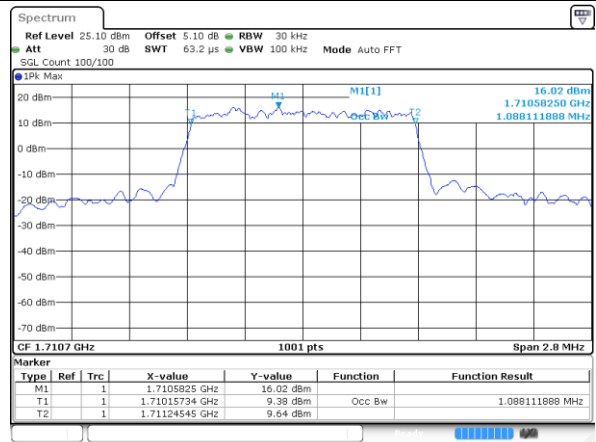


LTE Band 4

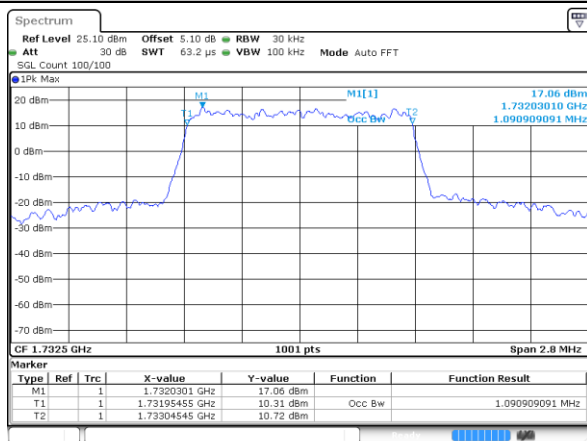
Lowest Channel / 1.4MHz / QPSK



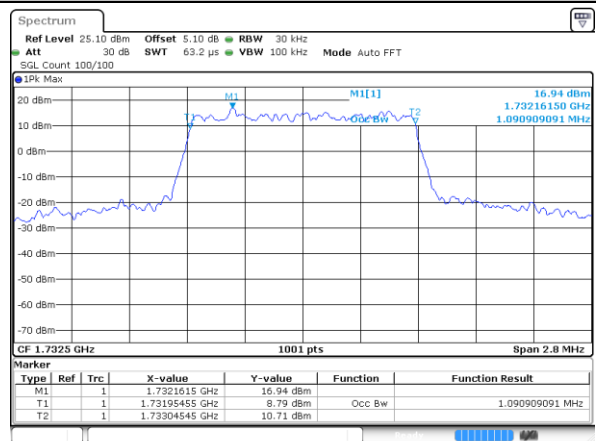
Lowest Channel / 1.4MHz / 16QAM



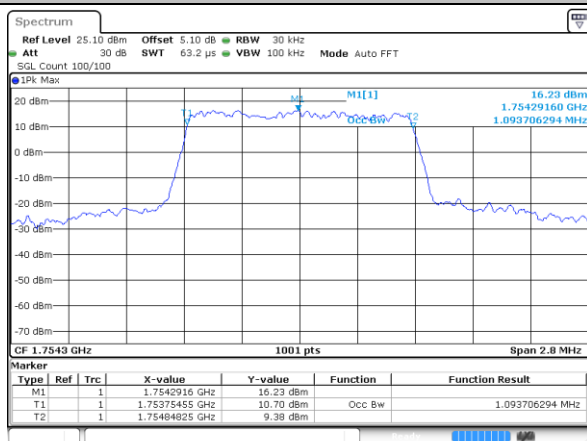
Middle Channel / 1.4MHz / QPSK



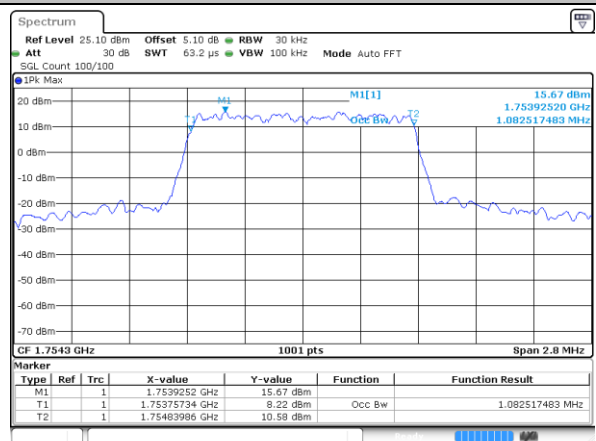
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



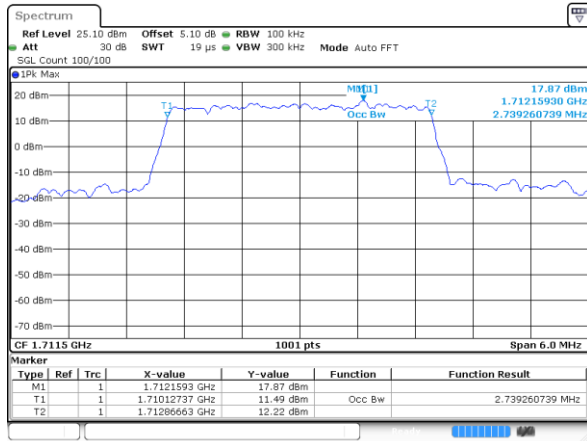
Highest Channel / 1.4MHz / 16QAM



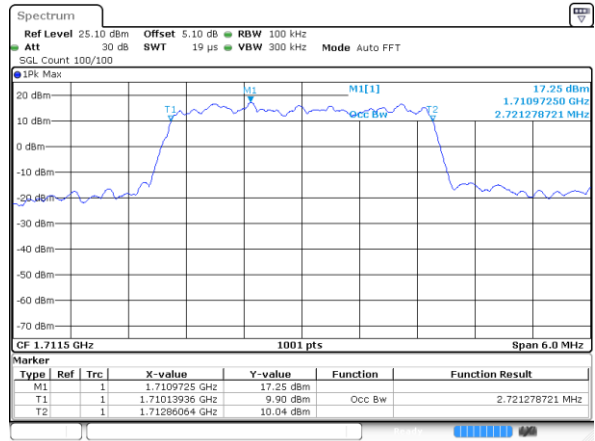


LTE Band 4

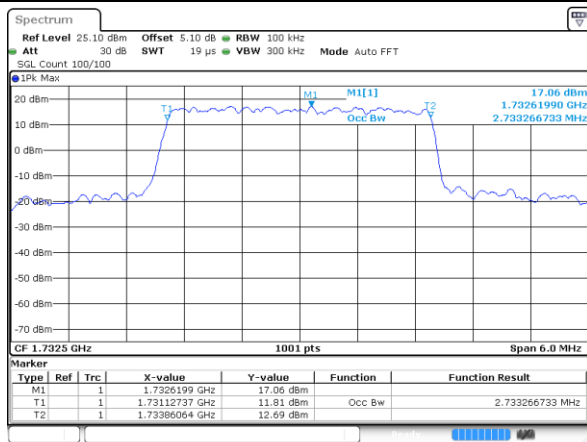
Lowest Channel / 3MHz / QPSK



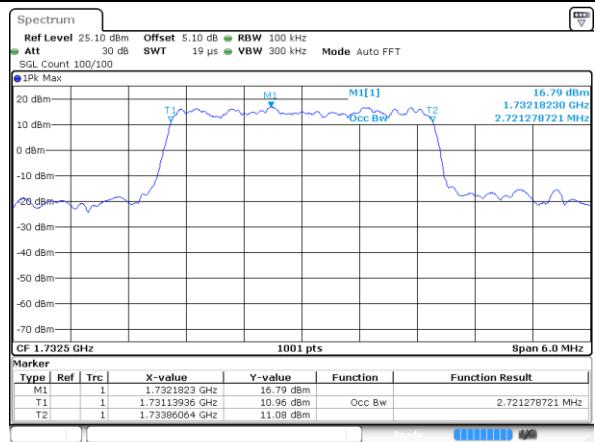
Lowest Channel / 3MHz / 16QAM



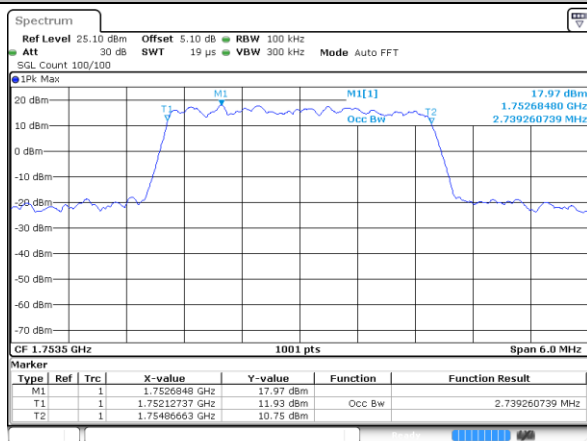
Middle Channel / 3MHz / QPSK



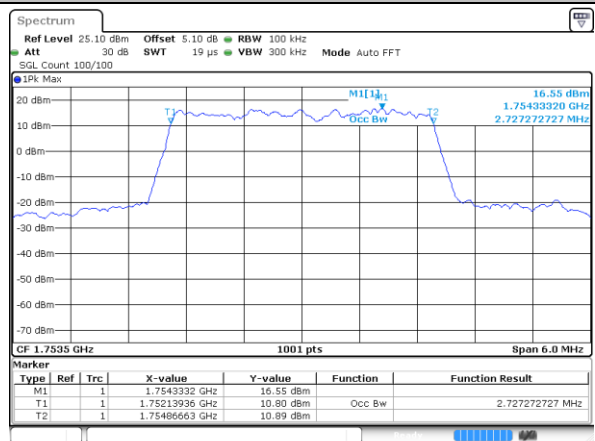
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



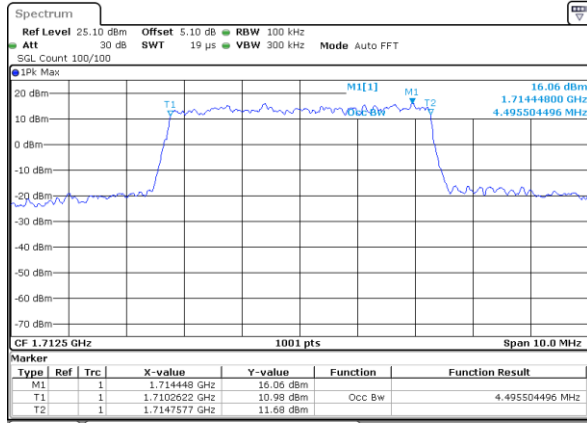
Highest Channel / 3MHz / 16QAM





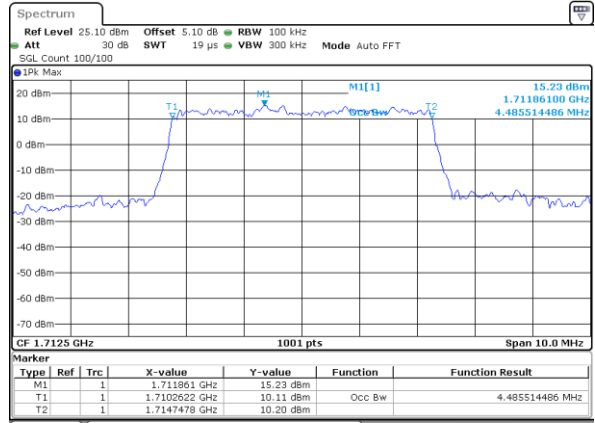
LTE Band 4

Lowest Channel / 5MHz / QPSK



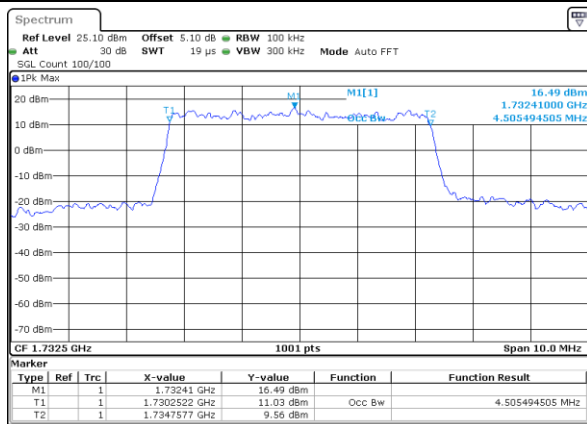
Date: 1 JUN 2018 18:12:41

Lowest Channel / 5MHz / 16QAM



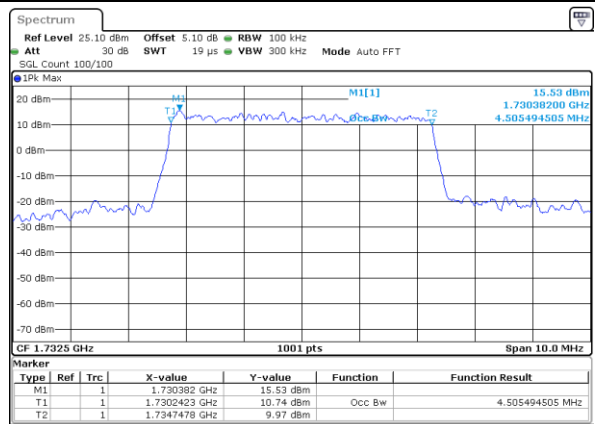
Date: 1 JUN 2018 18:12:51

Middle Channel / 5MHz / QPSK



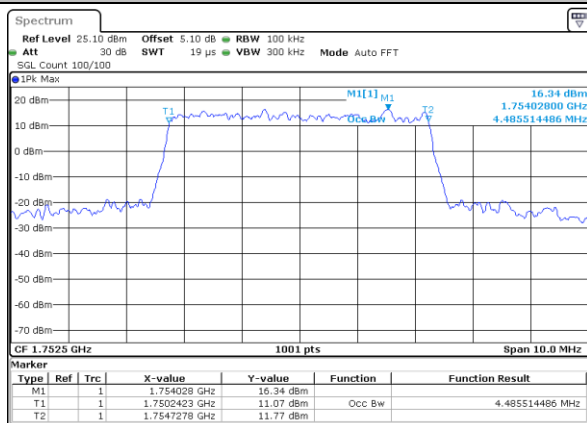
Date: 1 JUN 2018 18:19:40

Middle Channel / 5MHz / 16QAM



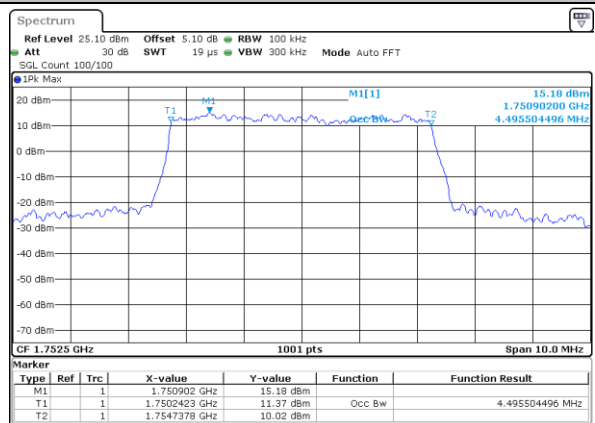
Date: 1 JUN 2018 18:19:50

Highest Channel / 5MHz / QPSK



Date: 1 JUN 2018 18:22:09

Highest Channel / 5MHz / 16QAM

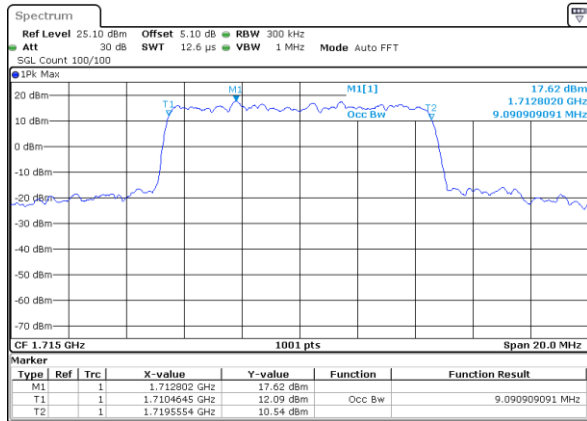


Date: 1 JUN 2018 18:22:19



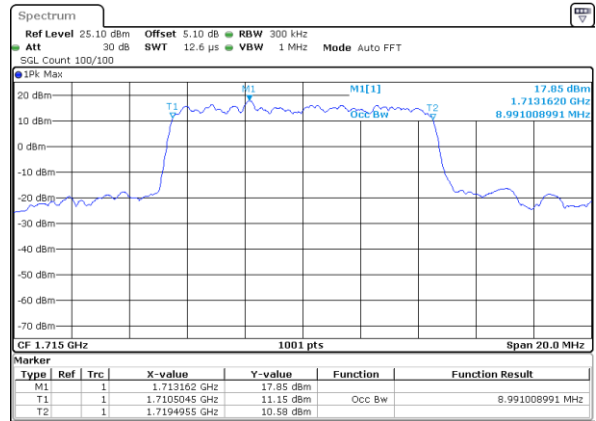
LTE Band 4

Lowest Channel / 10MHz / QPSK



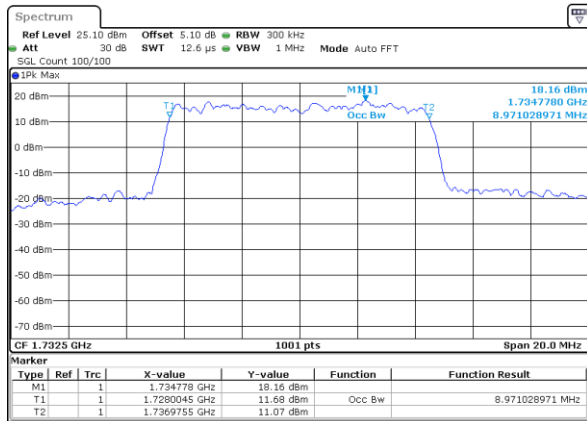
Date: 1 JUN 2018 18:29:07

Lowest Channel / 10MHz / 16QAM



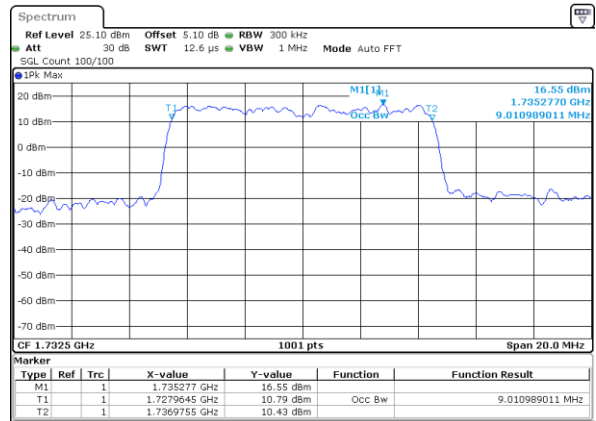
Date: 1 JUN 2018 18:29:17

Middle Channel / 10MHz / QPSK



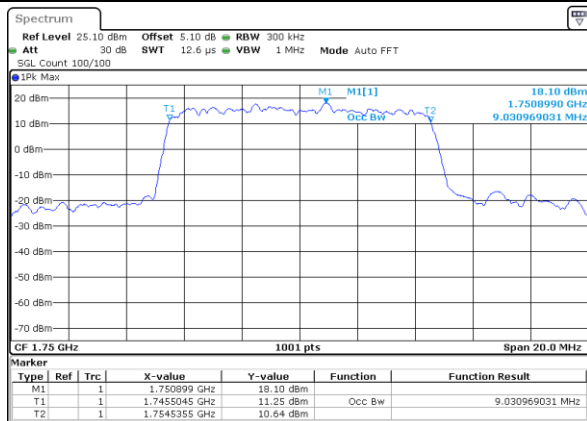
Date: 1 JUN 2018 18:36:06

Middle Channel / 10MHz / 16QAM



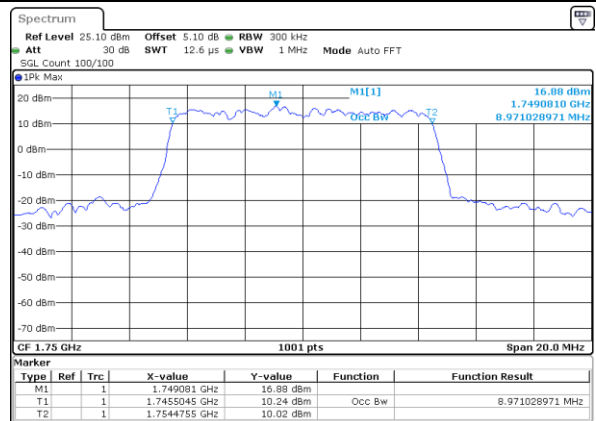
Date: 1 JUN 2018 18:36:16

Highest Channel / 10MHz / QPSK



Date: 1 JUN 2018 18:38:35

Highest Channel / 10MHz / 16QAM

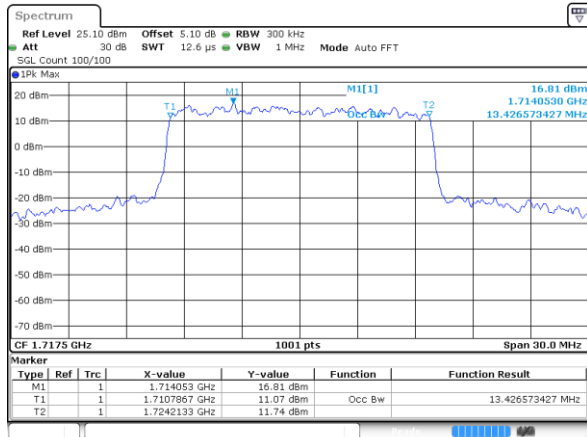


Date: 1 JUN 2018 18:38:45



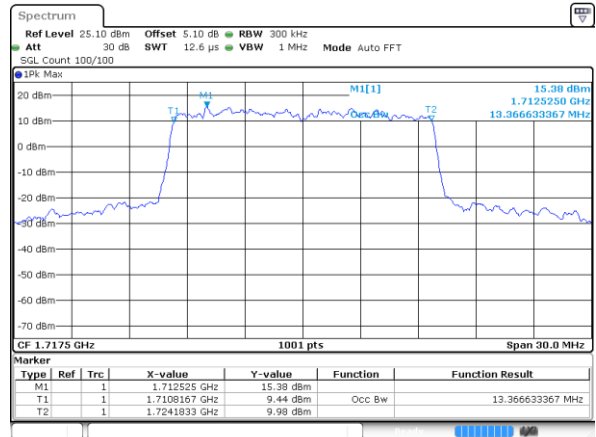
LTE Band 4

Lowest Channel / 15MHz / QPSK



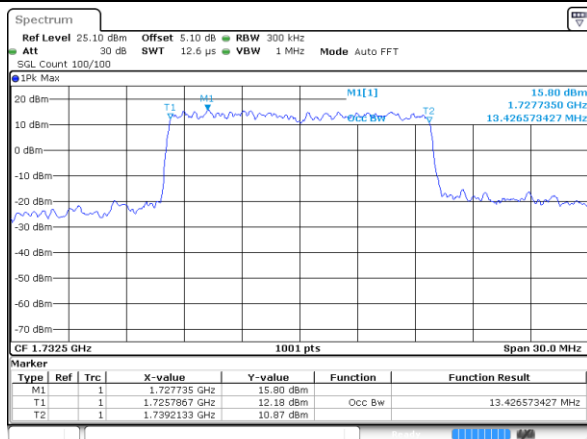
Date: 1 JUN 2018 18:45:34

Lowest Channel / 15MHz / 16QAM



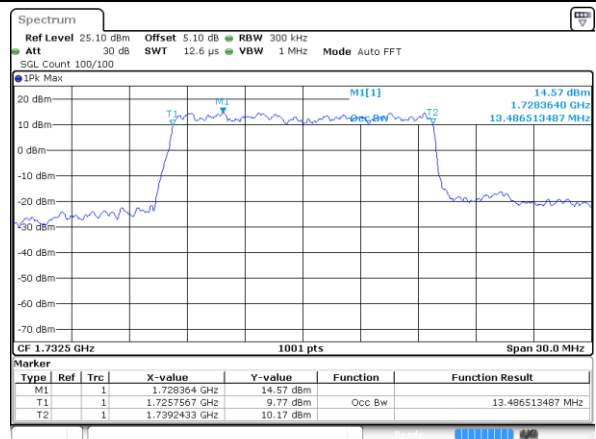
Date: 1 JUN 2018 18:45:44

Middle Channel / 15MHz / QPSK



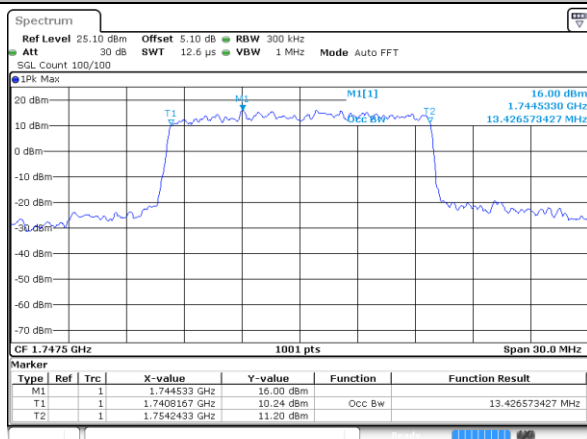
Date: 1 JUN 2018 18:52:44

Middle Channel / 15MHz / 16QAM



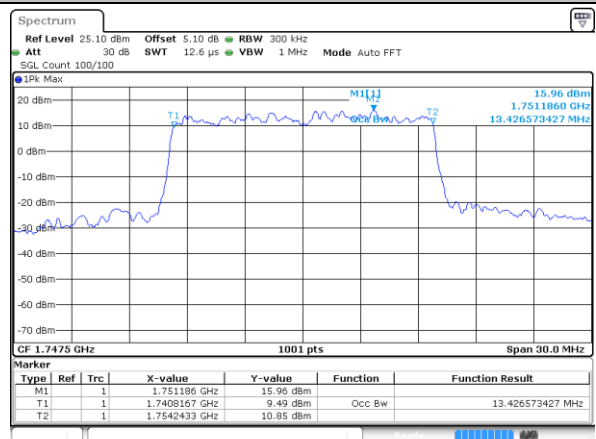
Date: 1 JUN 2018 18:52:54

Highest Channel / 15MHz / QPSK



Date: 1 JUN 2018 18:55:13

Highest Channel / 15MHz / 16QAM

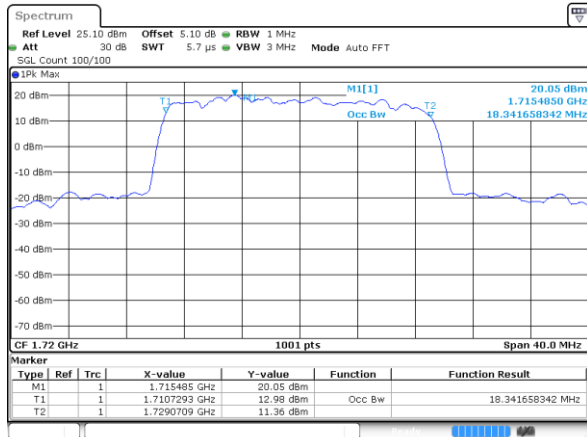


Date: 1 JUN 2018 18:55:23

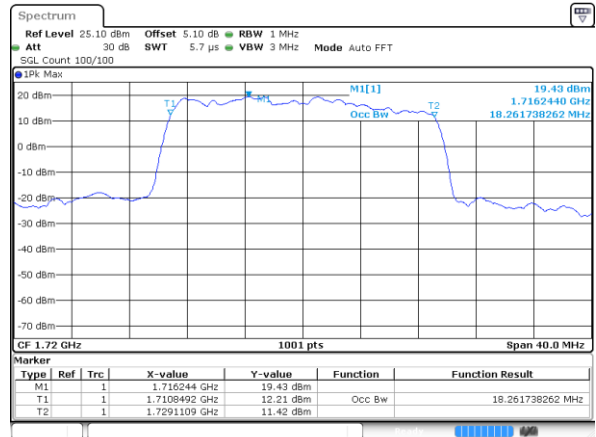


LTE Band 4

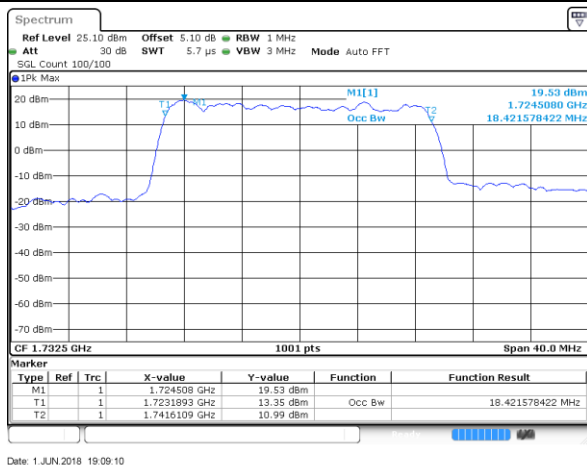
Lowest Channel / 20MHz / QPSK



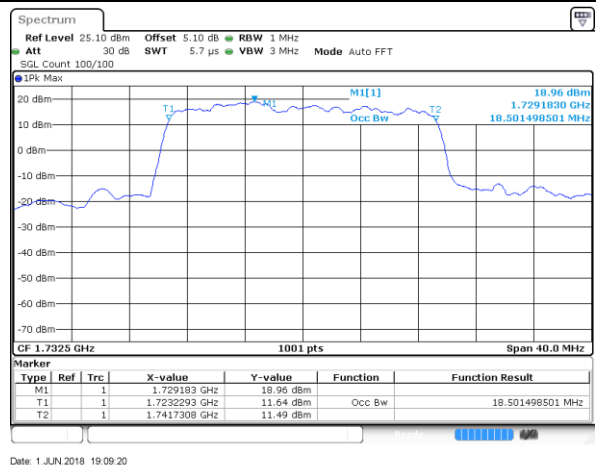
Lowest Channel / 20MHz / 16QAM



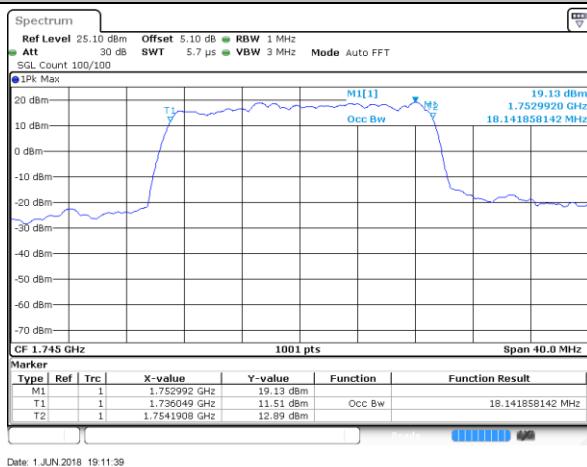
Middle Channel / 20MHz / QPSK



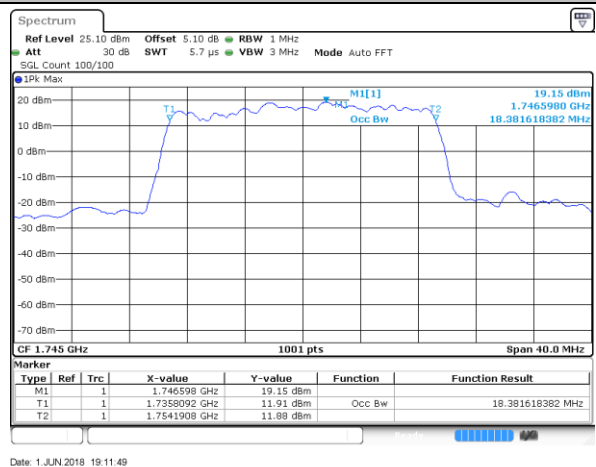
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



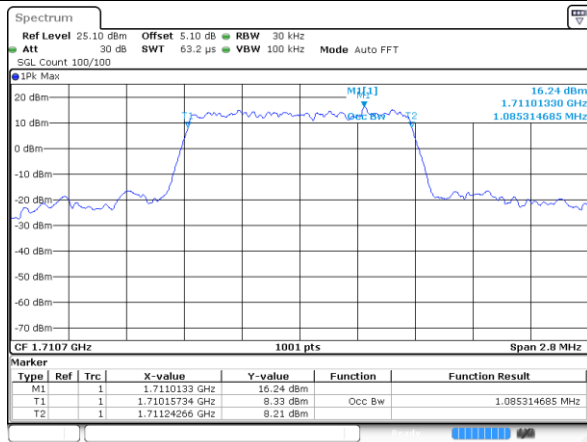
Highest Channel / 20MHz / 16QAM



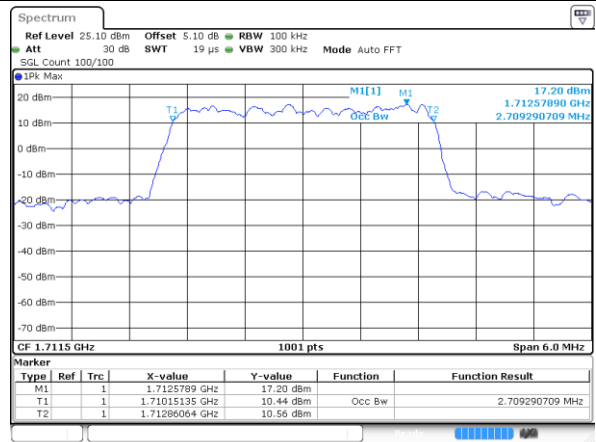


LTE Band 4

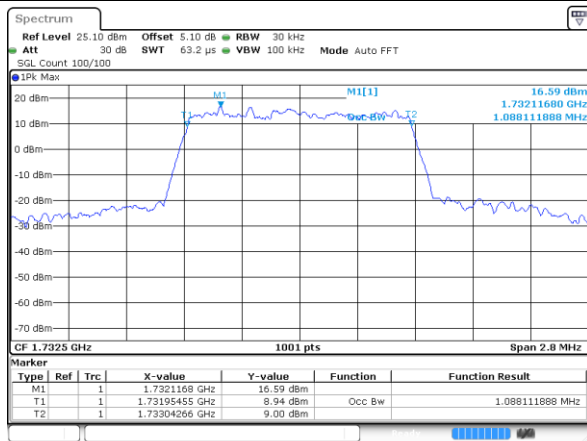
Lowest Channel / 1.4MHz / 64QAM



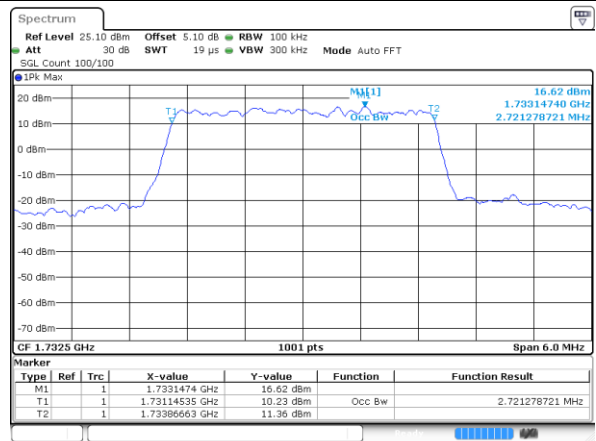
Lowest Channel / 3MHz / 64QAM



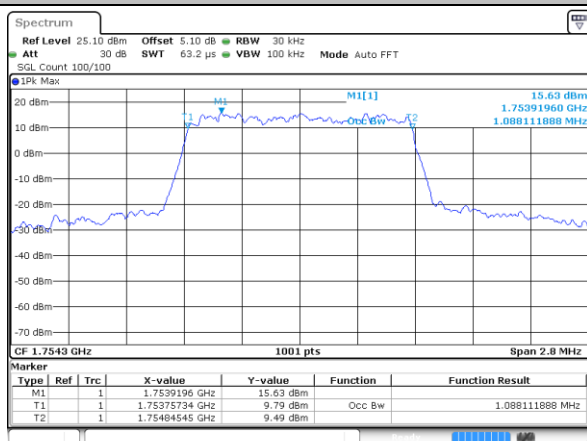
Middle Channel / 1.4MHz / 64QAM



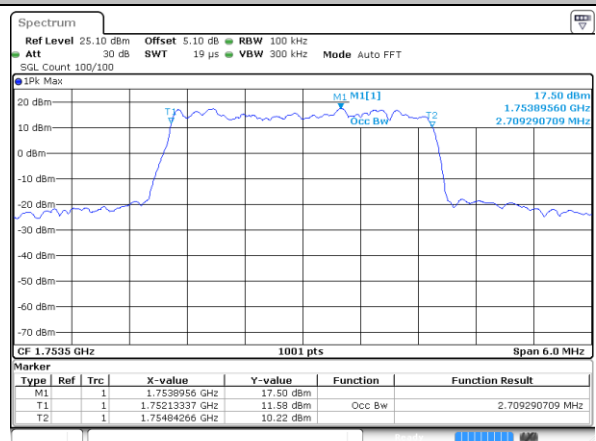
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



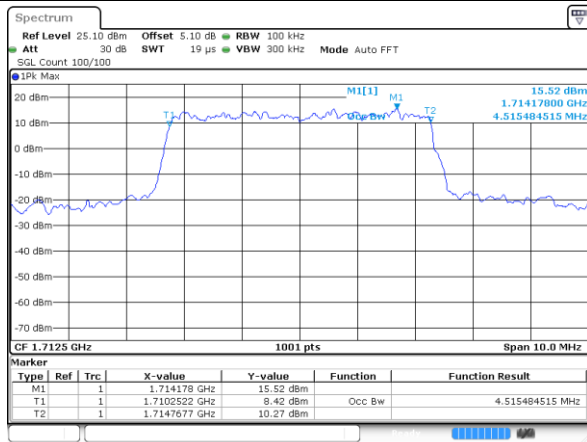
Highest Channel / 3MHz / 64QAM



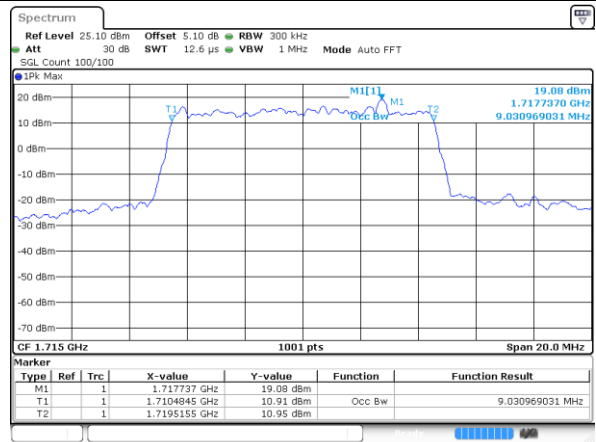


LTE Band 4

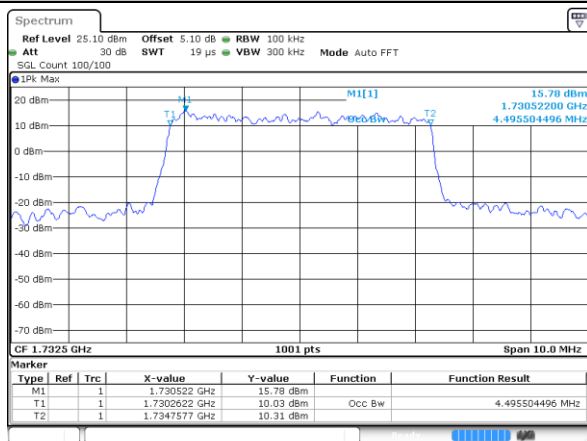
Lowest Channel / 5MHz / 64QAM



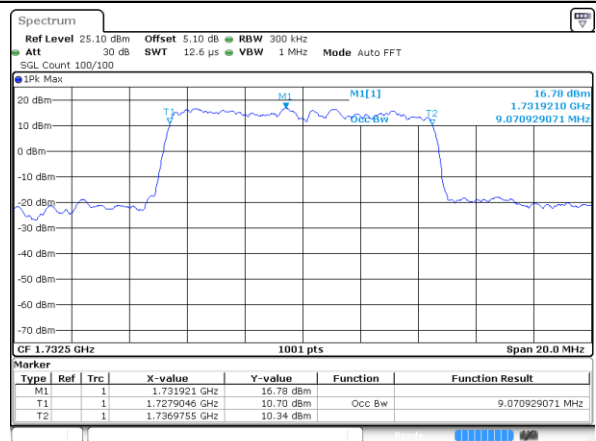
Lowest Channel / 10MHz / 64QAM



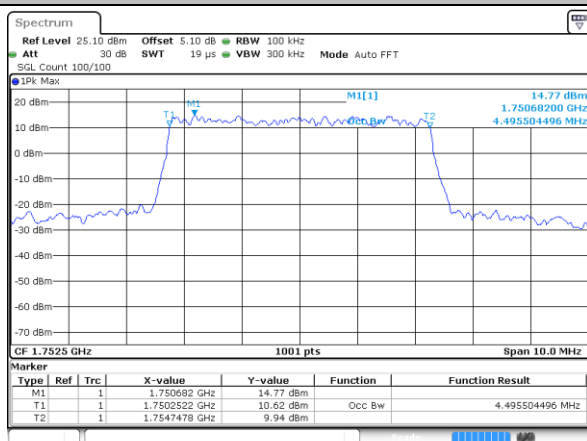
Middle Channel / 5MHz / 64QAM



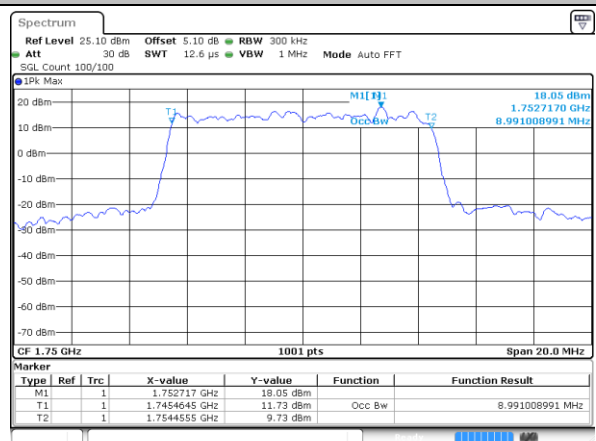
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



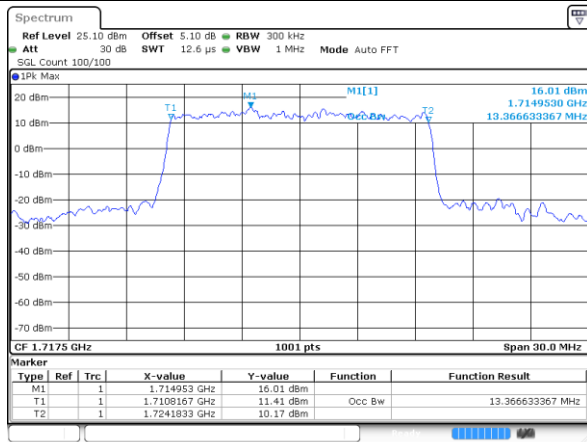
Highest Channel / 10MHz / 64QAM





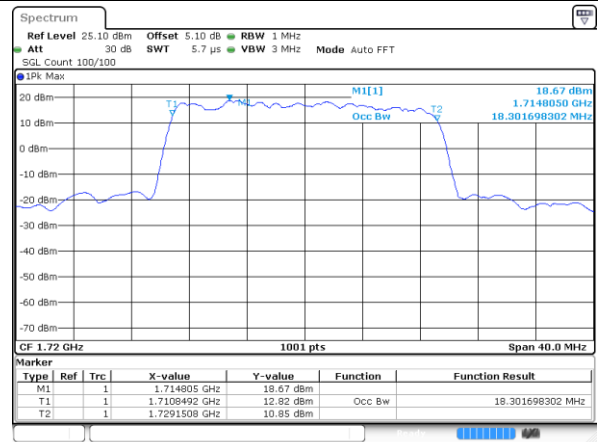
LTE Band 4

Lowest Channel / 15MHz / 64QAM



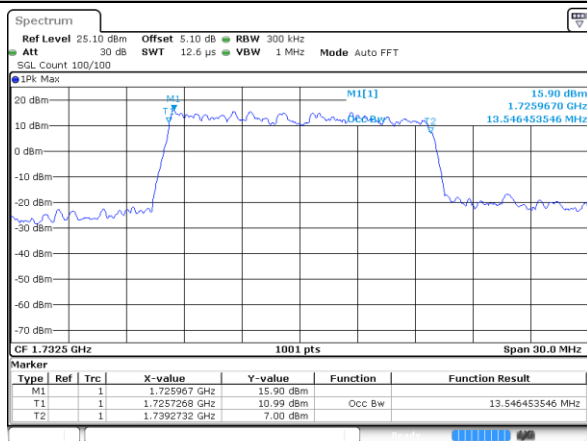
Date: 1 JUN 2018 19:35:35

Lowest Channel / 20MHz / 64QAM



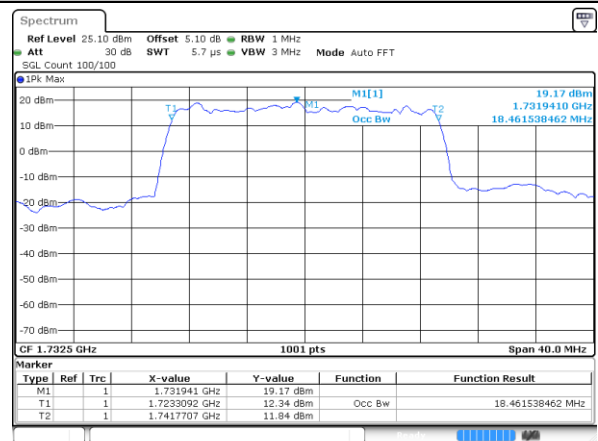
Date: 1 JUN 2018 19:34:11

Middle Channel / 15MHz / 64QAM



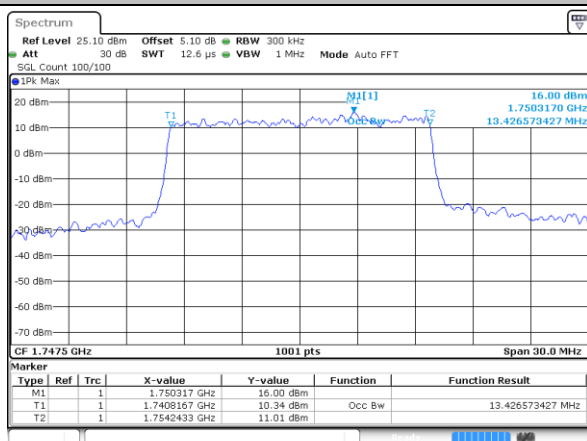
Date: 1 JUN 2018 19:36:02

Middle Channel / 20MHz / 64QAM



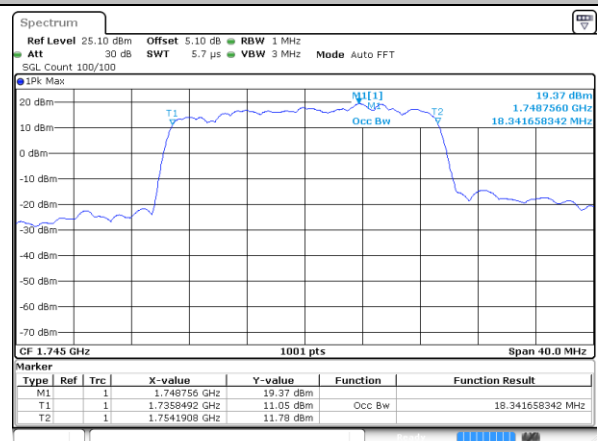
Date: 1 JUN 2018 19:34:31

Highest Channel / 15MHz / 64QAM



Date: 1 JUN 2018 19:36:24

Highest Channel / 20MHz / 64QAM

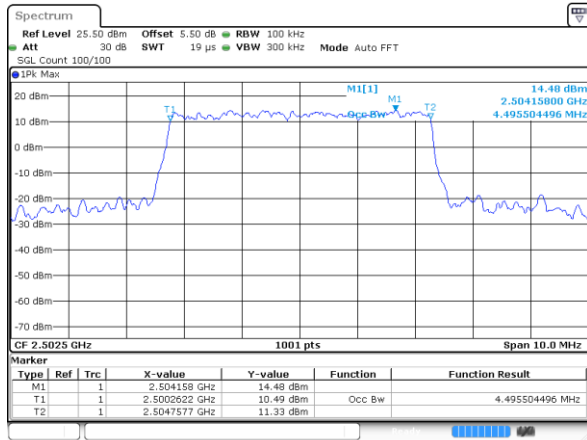


Date: 1 JUN 2018 19:35:04



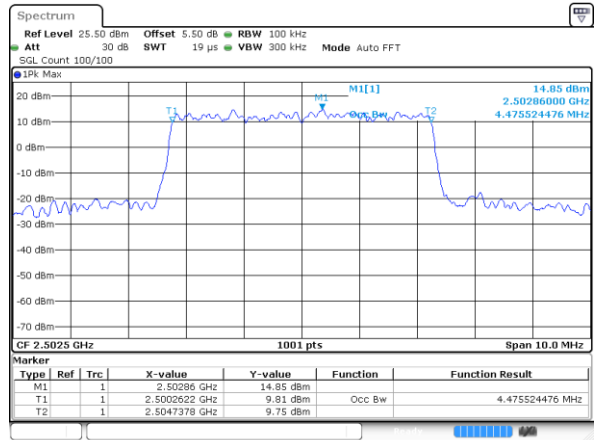
LTE Band 7

Lowest Channel / 5MHz / QPSK



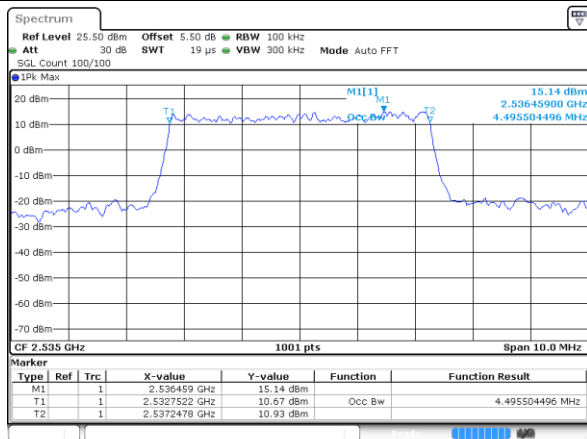
Date: 4 JUN 2018 09:35:50

Lowest Channel / 5MHz / 16QAM



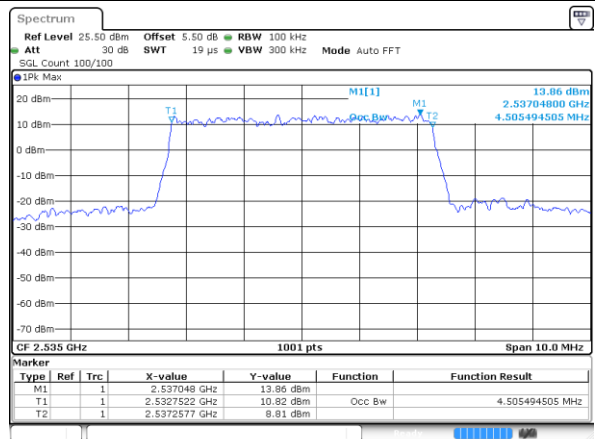
Date: 4 JUN 2018 09:36:10

Middle Channel / 5MHz / QPSK



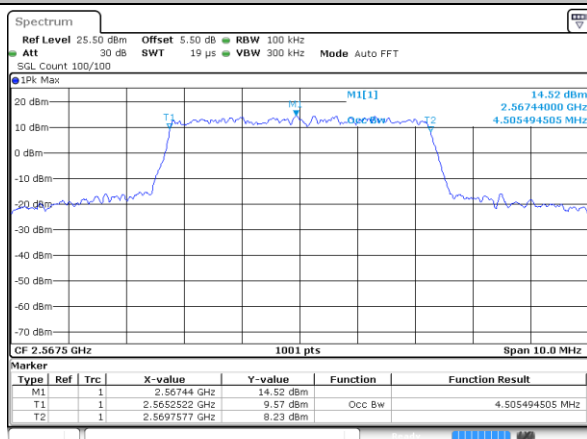
Date: 4 JUN 2018 09:45:00

Middle Channel / 5MHz / 16QAM



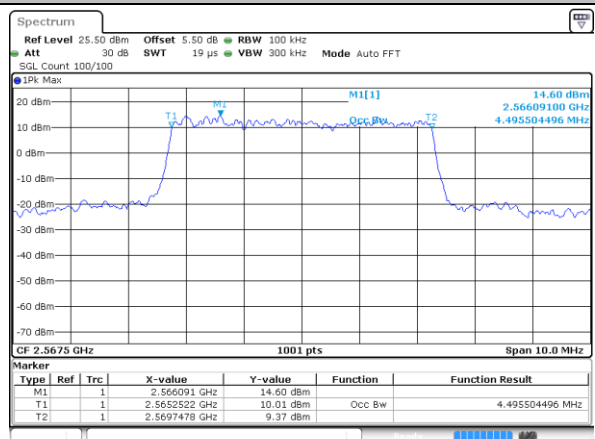
Date: 4 JUN 2018 09:44:40

Highest Channel / 5MHz / QPSK



Date: 4 JUN 2018 09:45:20

Highest Channel / 5MHz / 16QAM

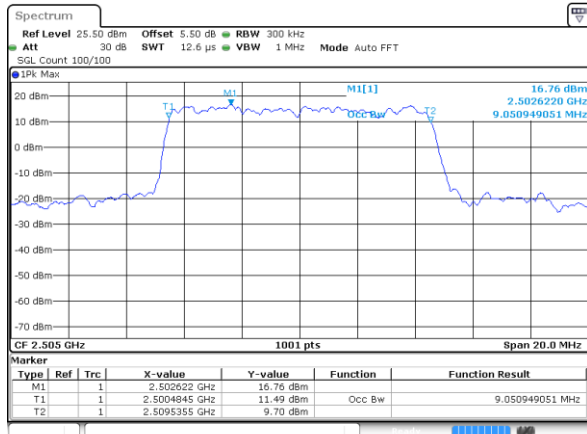


Date: 4 JUN 2018 09:45:40



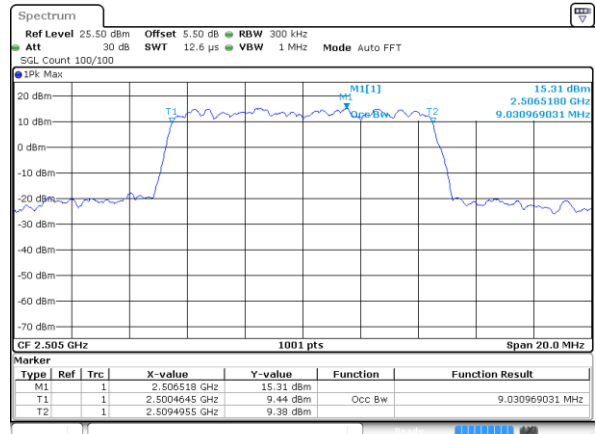
LTE Band 7

Lowest Channel / 10MHz / QPSK



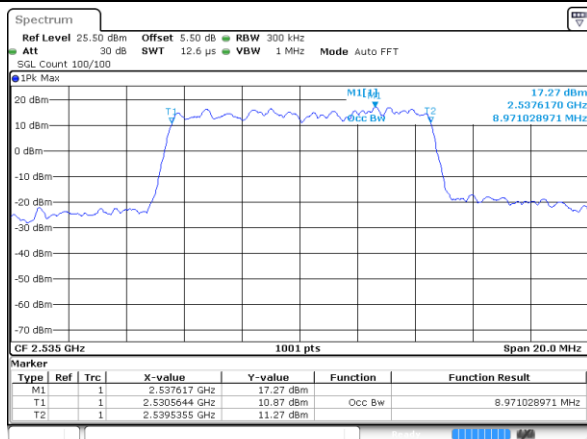
Date: 4 JUN 2018 09:52:19

Lowest Channel / 10MHz / 16QAM



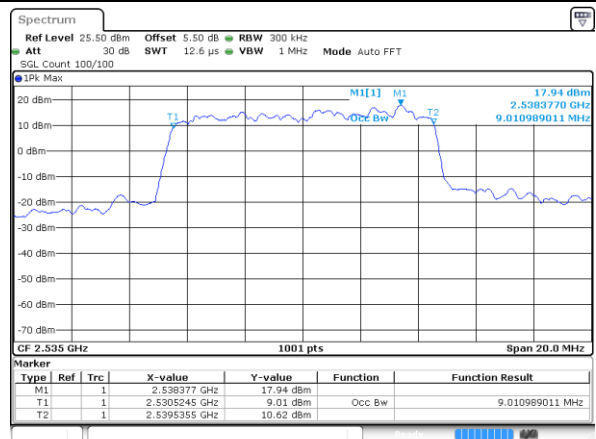
Date: 4 JUN 2018 09:52:39

Middle Channel / 10MHz / QPSK



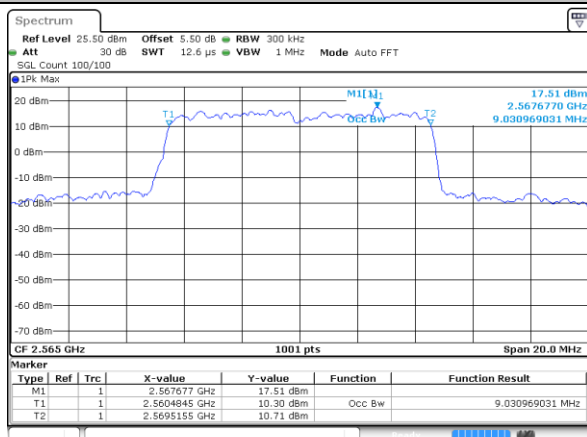
Date: 4 JUN 2018 10:01:28

Middle Channel / 10MHz / 16QAM



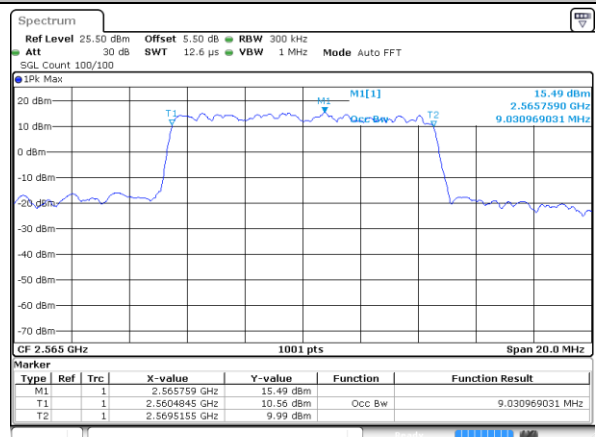
Date: 4 JUN 2018 10:01:08

Highest Channel / 10MHz / QPSK



Date: 4 JUN 2018 10:01:48

Highest Channel / 10MHz / 16QAM

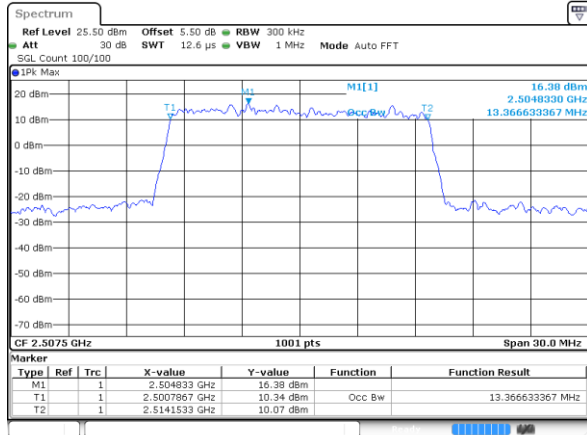


Date: 4 JUN 2018 10:02:08

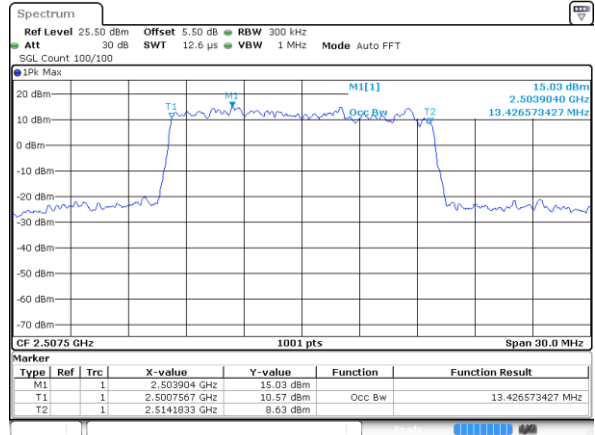


LTE Band 7

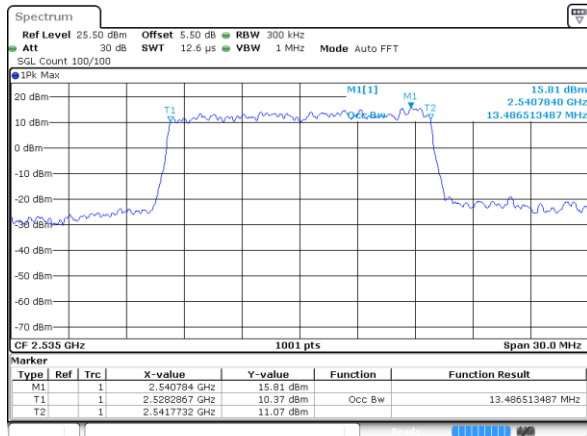
Lowest Channel / 15MHz / QPSK



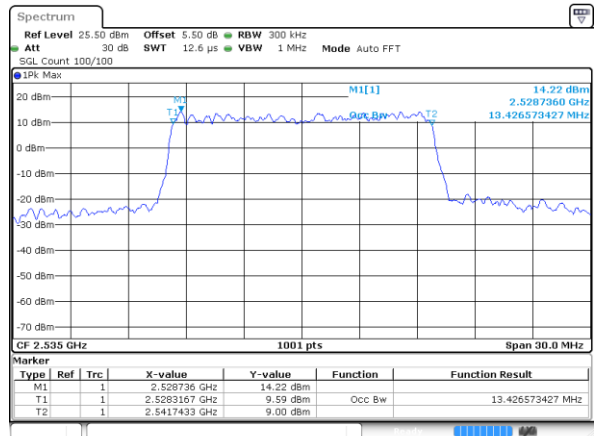
Lowest Channel / 15MHz / 16QAM



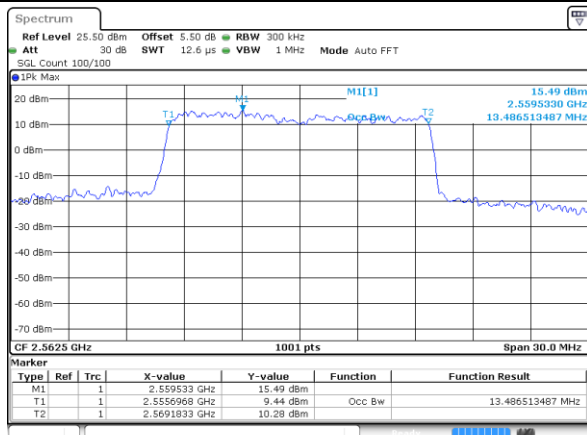
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

