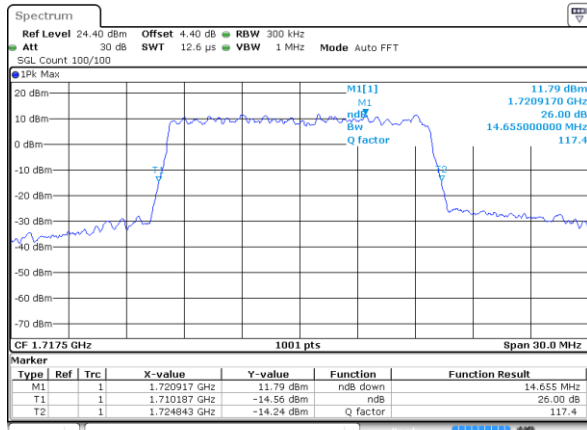




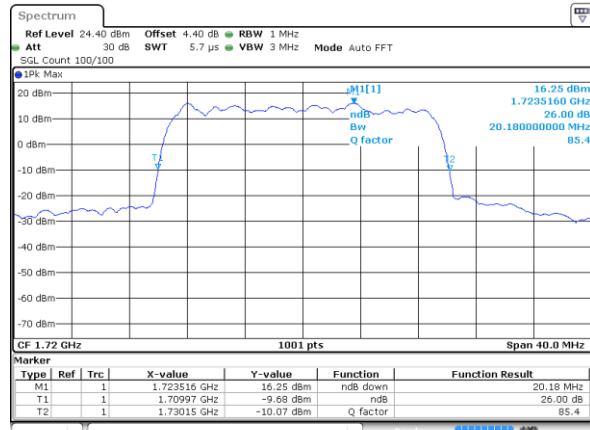
LTE Band 66

Lowest Channel / 15MHz / 64QAM



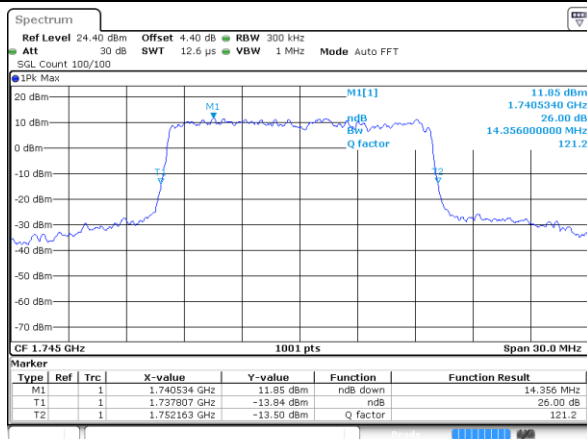
Date: 29 AUG 2017 21:27:24

Lowest Channel / 20MHz / 64QAM



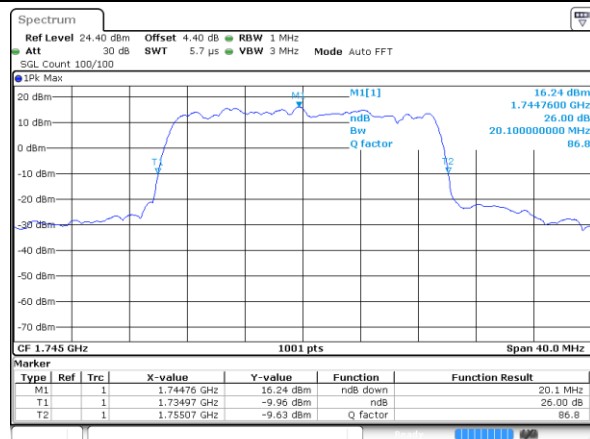
Date: 29 AUG 2017 21:55:09

Middle Channel / 15MHz / 64QAM



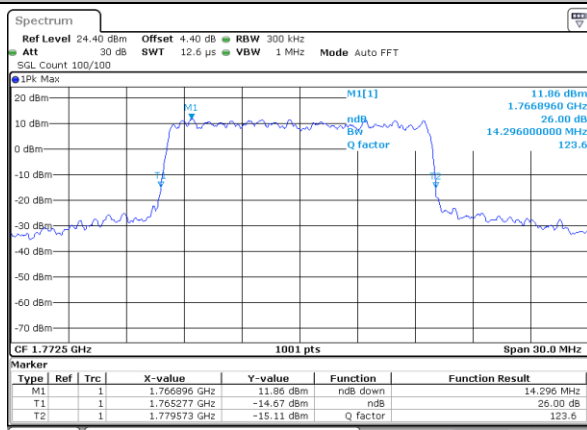
Date: 29 AUG 2017 21:27:57

Middle Channel / 20MHz / 64QAM



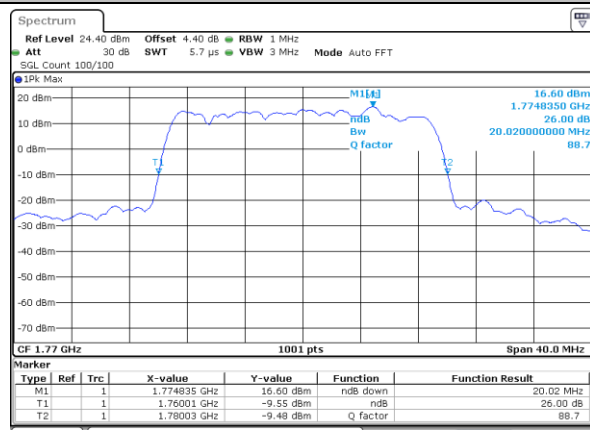
Date: 29 AUG 2017 21:55:41

Highest Channel / 15MHz / 64QAM



Date: 29 AUG 2017 21:29:45

Highest Channel / 20MHz / 64QAM



Date: 29 AUG 2017 21:57:35



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	2.72	2.73	4.50	4.48	8.99	9.05	13.43	13.49	18.46	18.26
Middle CH	1.09	1.09	2.73	2.72	4.48	4.50	9.01	9.07	13.46	13.46	18.30	18.38
Highest CH	1.09	1.10	2.73	2.72	4.50	4.52	9.07	9.09	13.40	13.46	18.42	18.22
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.10	2.72	4.48	9.01	13.43	18.26						
Middle CH	1.08	2.74	4.49	8.95	13.43	18.38						
Highest CH	1.09	2.73	4.50	9.09	13.37	18.34						

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	1.08	2.72	2.70	4.51	4.50	9.05	8.99	13.43	13.40	18.30	18.26
Middle CH	1.08	1.09	2.72	2.71	4.50	4.49	8.97	9.07	13.43	13.43	18.46	18.42
Highest CH	1.09	1.09	2.73	2.73	4.47	4.50	9.05	9.01	13.43	13.46	18.18	18.30
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.50	9.05	13.46	18.42						
Middle CH	1.09	2.75	4.49	9.01	13.43	18.42						
Highest CH	1.09	2.72	4.48	9.05	13.55	18.30						

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	1.08	1.08	2.74	2.74	4.54	4.49	9.03	9.01	1.09	2.72	4.50	9.03
Middle CH	1.09	1.09	2.72	2.72	4.49	4.49	8.97	8.99	1.08	2.71	4.51	8.99
Highest CH	1.09	1.09	2.73	2.75	4.51	4.49	9.01	9.07	1.08	2.73	4.50	9.03



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	9.03	9.03	13.46	13.43	18.30	18.30	4.50	9.01	13.40	18.38
Middle CH	4.49	4.51	9.03	9.07	13.43	13.43	18.30	18.54	4.47	8.97	13.37	18.38
Highest CH	4.49	4.50	9.03	8.97	13.49	13.43	18.22	18.38	4.49	9.03	13.43	18.26

Mode	LTE Band 12 : 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	1.09	1.09	2.75	2.72	4.47	4.49	9.11	9.09	1.09	2.72	4.49	9.05
Middle CH	1.09	1.10	2.72	2.72	4.47	4.51	9.03	9.07	1.09	2.72	4.50	9.03
Highest CH	1.09	1.09	2.73	2.72	4.49	4.50	8.99	8.99	1.09	2.74	4.49	8.99

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.51	4.50	-	-	4.48	-						
Middle CH	4.50	4.49	8.99	9.01	4.49	9.01						
Highest CH	4.50	4.48	-	-	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	2.73	2.72	4.50	4.49	9.05	9.03	13.37	13.43	18.38	18.38
Middle CH	1.09	1.09	2.72	2.71	4.48	4.51	8.97	9.03	13.49	13.46	18.42	18.42
Highest CH	1.09	1.10	2.69	2.73	4.48	4.49	9.01	8.93	13.40	13.46	18.34	18.46
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.49	9.09	13.46	18.30						
Middle CH	1.08	2.72	4.55	9.01	13.40	18.34						
Highest CH	1.09	2.73	4.48	9.09	13.43	18.14						



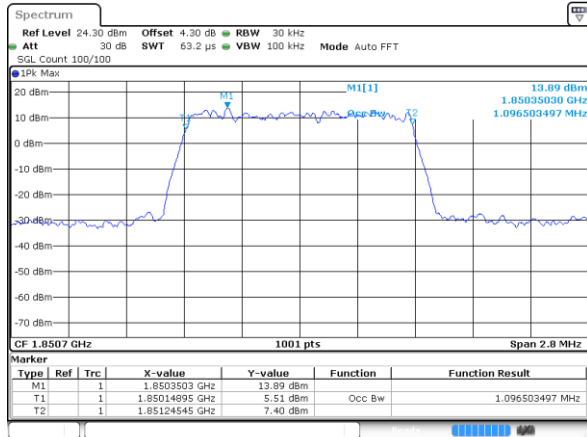
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.73	4.50	4.49	9.05	9.01	13.46	13.46	13.49	13.46
Middle CH	1.09	1.10	2.73	2.72	4.51	4.51	8.99	8.97	13.52	13.37	-	-
Highest CH	1.10	1.09	2.71	2.73	4.46	4.49	9.05	8.99	13.37	13.43	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	CH26765						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.73	4.52	9.05	13.49	13.34						
Middle CH	1.09	2.72	4.50	8.99	13.43	-						
Highest CH	1.08	2.73	4.49	8.99	13.40	-						

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.73	4.49	4.48	9.01	9.01	13.46	13.43	18.38	18.34
Middle CH	1.09	1.09	2.71	2.71	4.49	4.49	9.03	8.97	13.37	13.40	18.30	18.42
Highest CH	1.09	1.09	2.73	2.72	4.49	4.50	9.07	9.01	13.52	13.40	18.46	18.22
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.09	2.72	4.49	9.01	13.40	18.34						
Middle CH	1.09	2.73	4.52	9.05	13.40	18.34						
Highest CH	1.09	2.71	4.49	9.01	13.40	18.18						

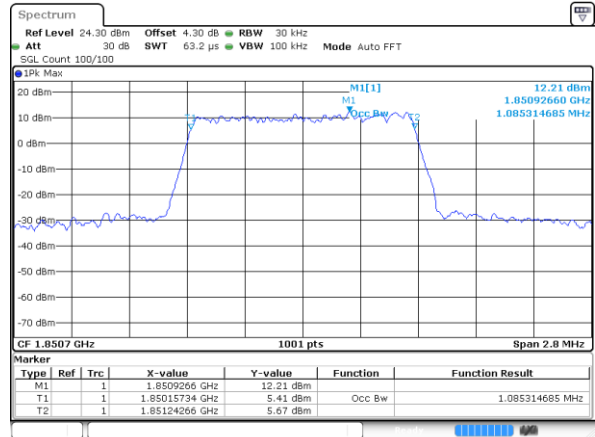


LTE Band 2

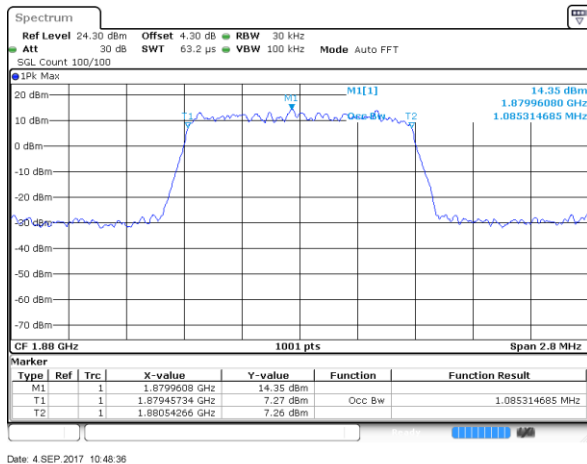
Lowest Channel / 1.4MHz / QPSK



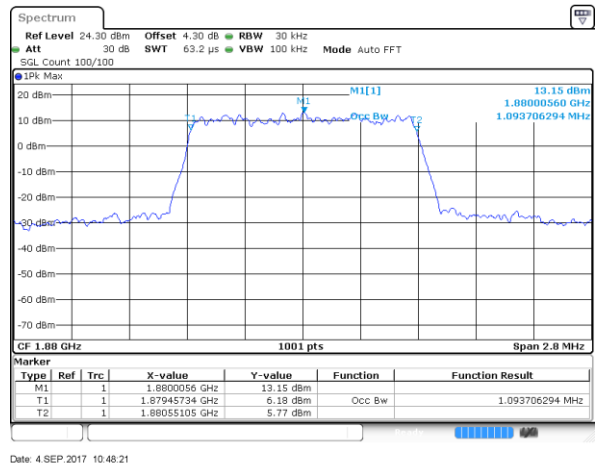
Lowest Channel / 1.4MHz / 16QAM



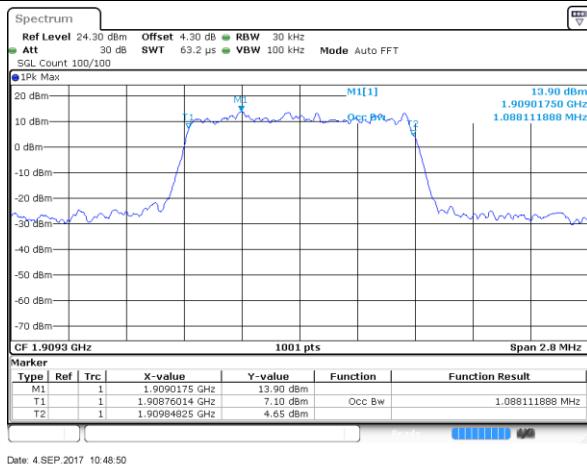
Middle Channel / 1.4MHz / QPSK



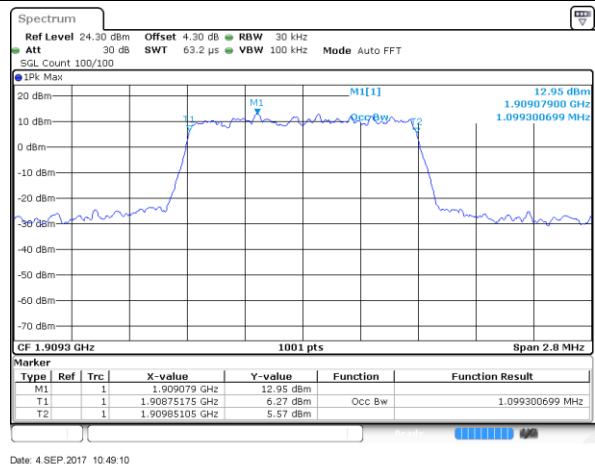
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



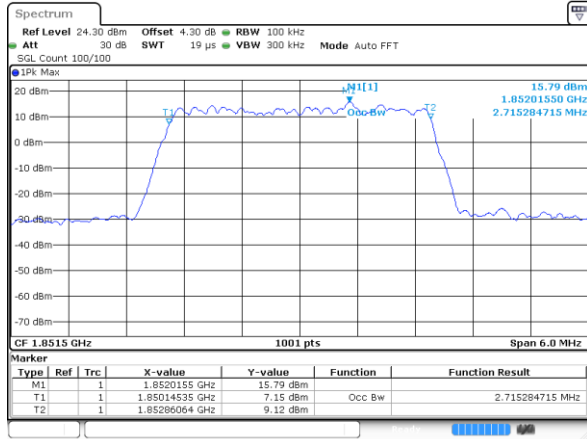
Highest Channel / 1.4MHz / 16QAM



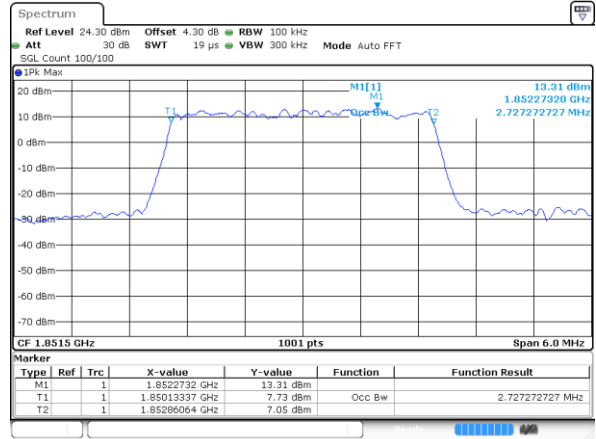


LTE Band 2

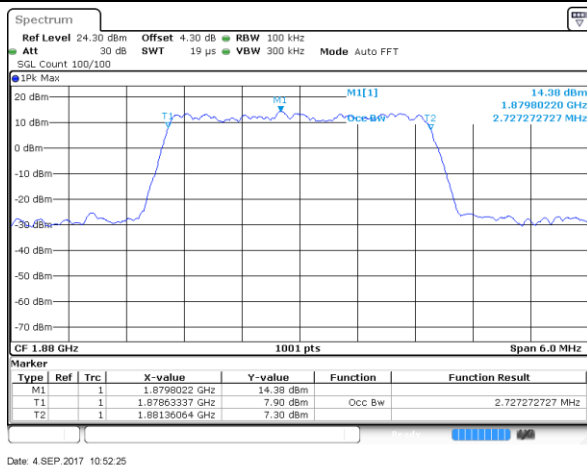
Lowest Channel / 3MHz / QPSK



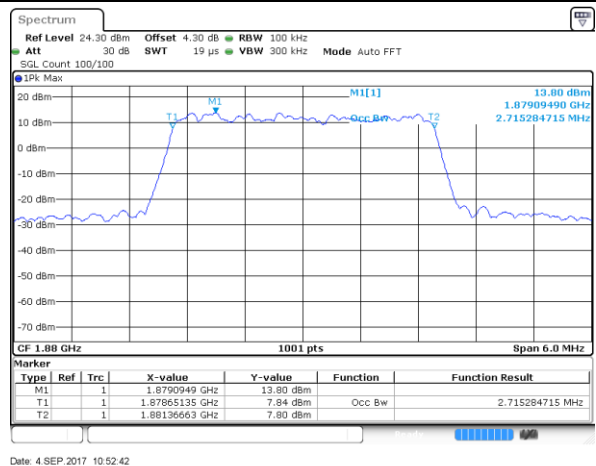
Lowest Channel / 3MHz / 16QAM



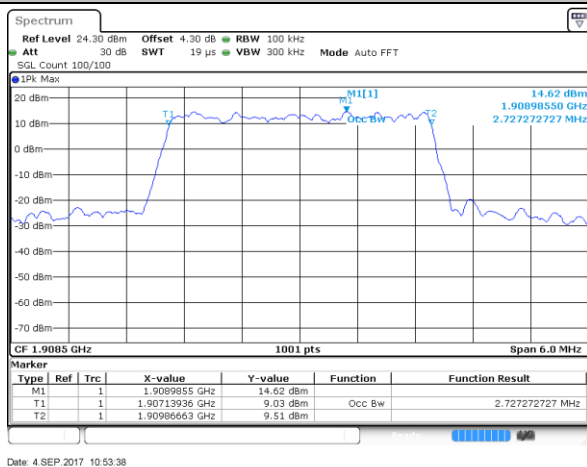
Middle Channel / 3MHz / QPSK



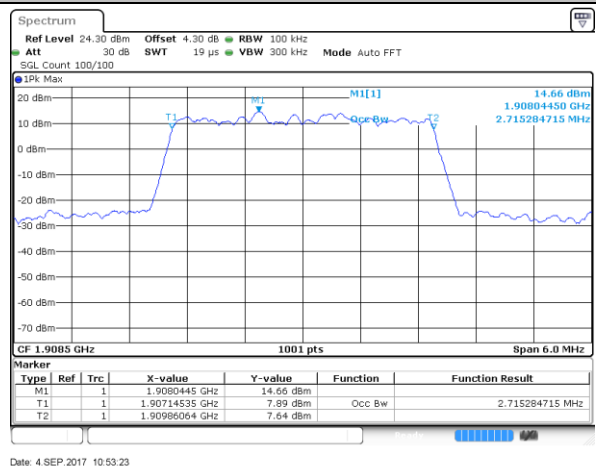
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



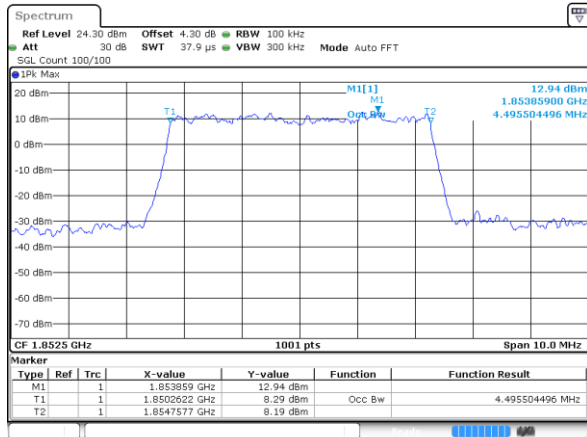
Highest Channel / 3MHz / 16QAM



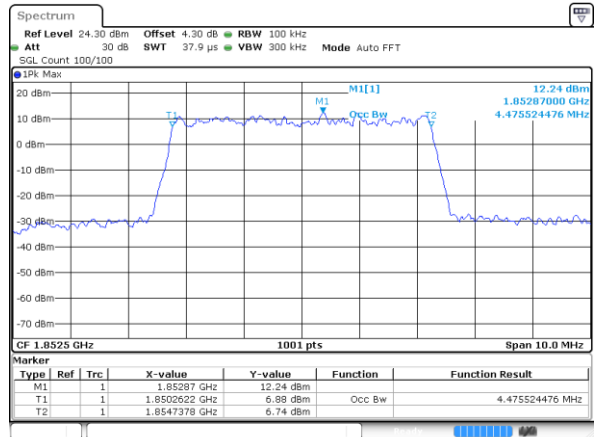


LTE Band 2

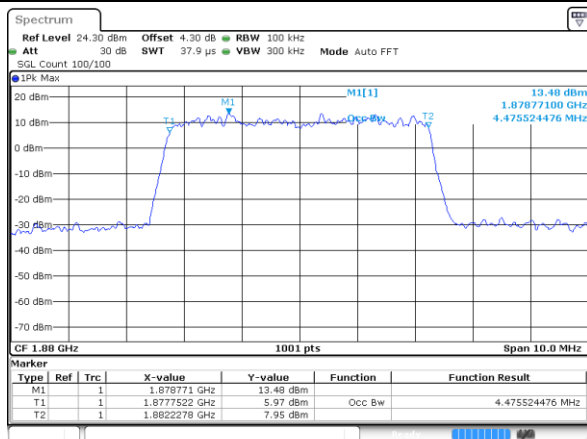
Lowest Channel / 5MHz / QPSK



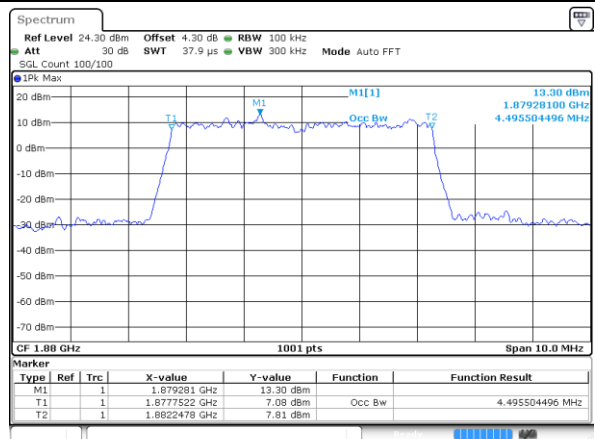
Lowest Channel / 5MHz / 16QAM



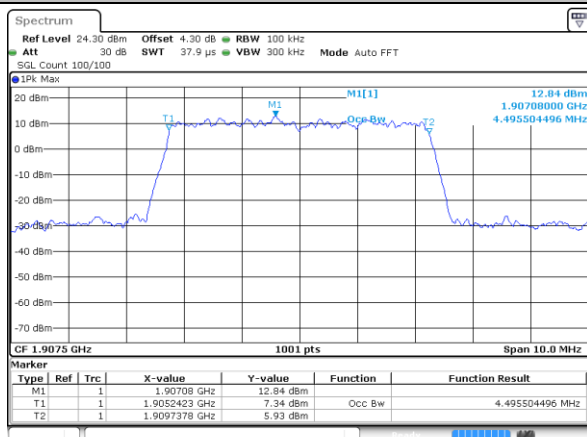
Middle Channel / 5MHz / QPSK



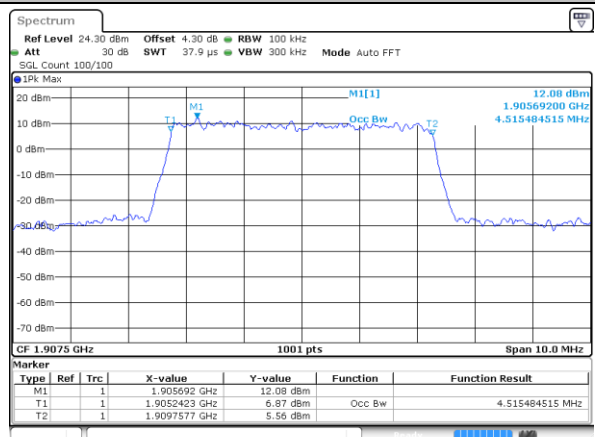
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



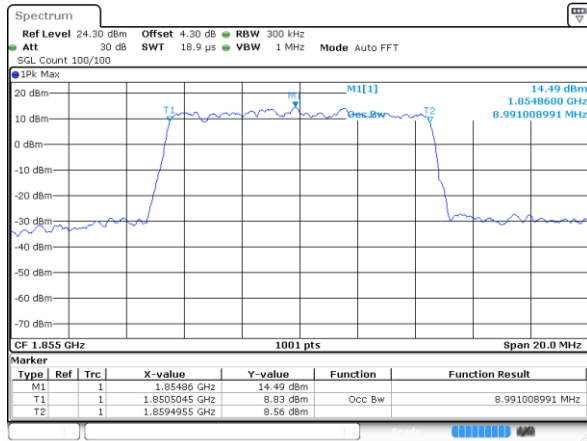
Highest Channel / 5MHz / 16QAM



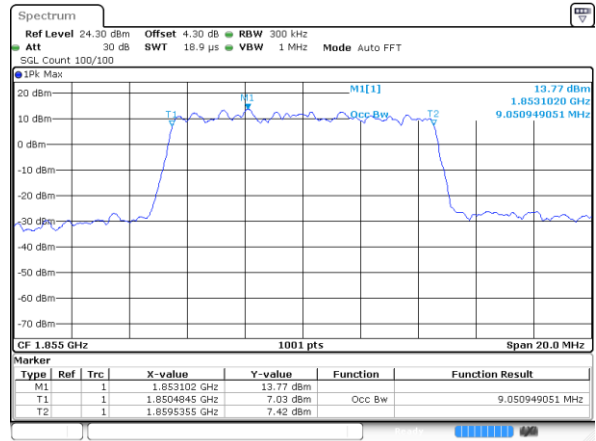


LTE Band 2

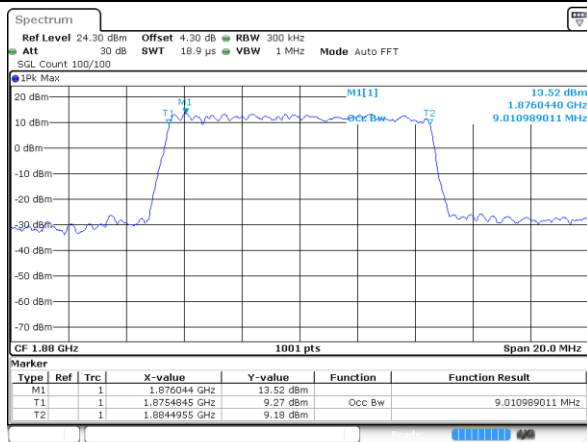
Lowest Channel / 10MHz / QPSK



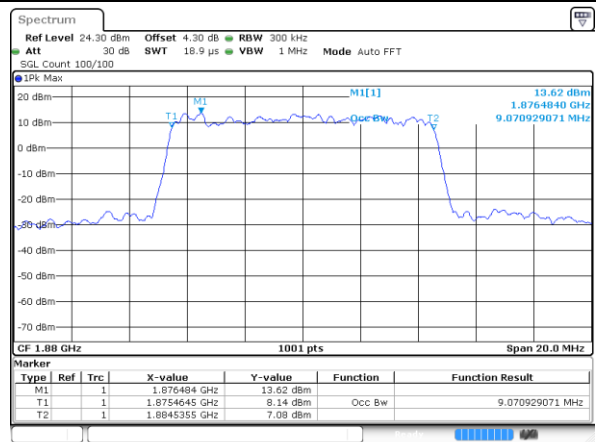
Lowest Channel / 10MHz / 16QAM



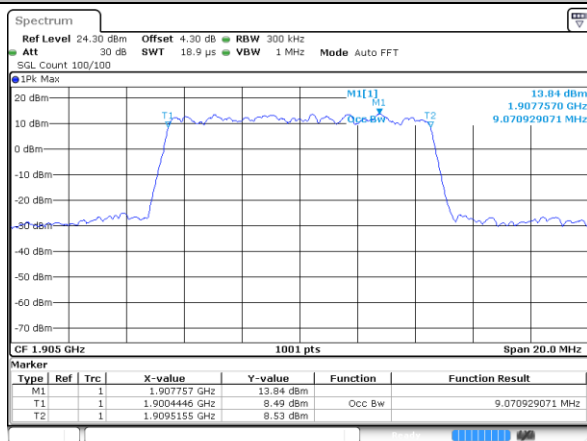
Middle Channel / 10MHz / QPSK



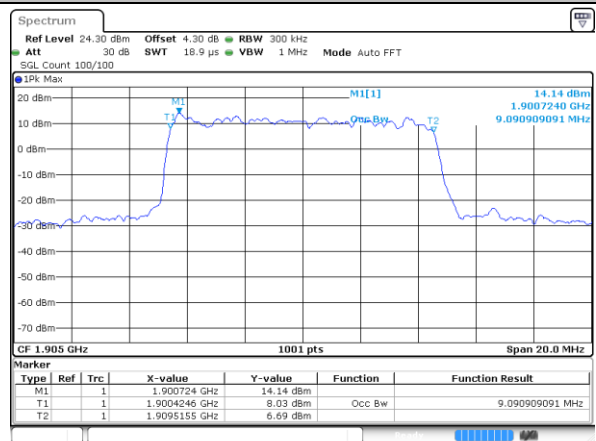
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



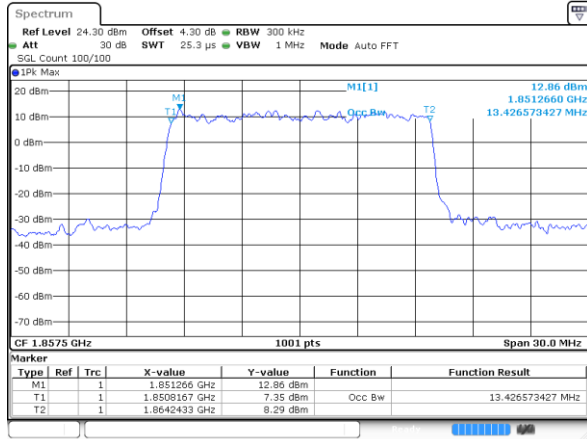
Highest Channel / 10MHz / 16QAM



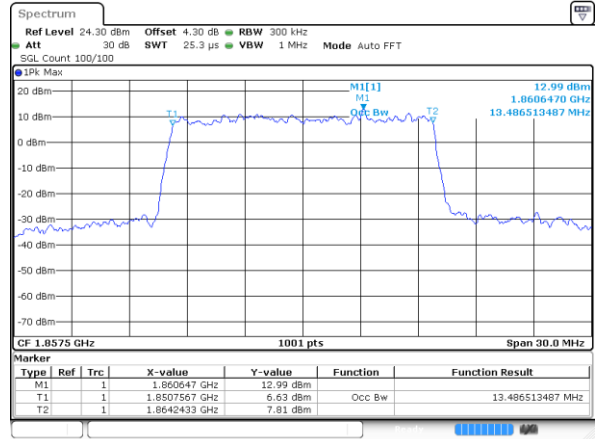


LTE Band 2

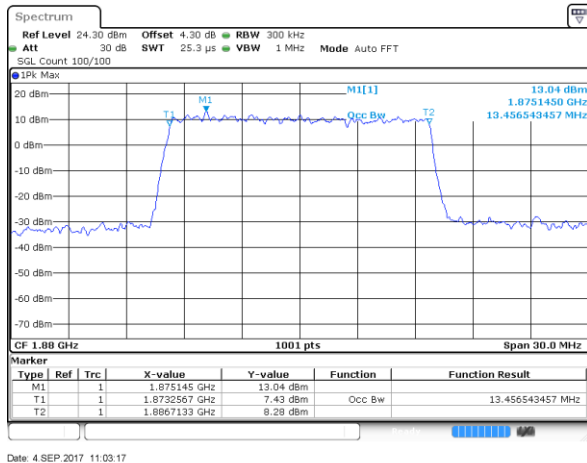
Lowest Channel / 15MHz / QPSK



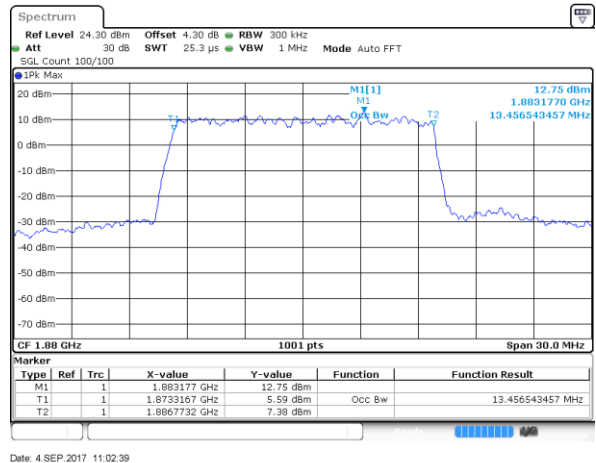
Lowest Channel / 15MHz / 16QAM



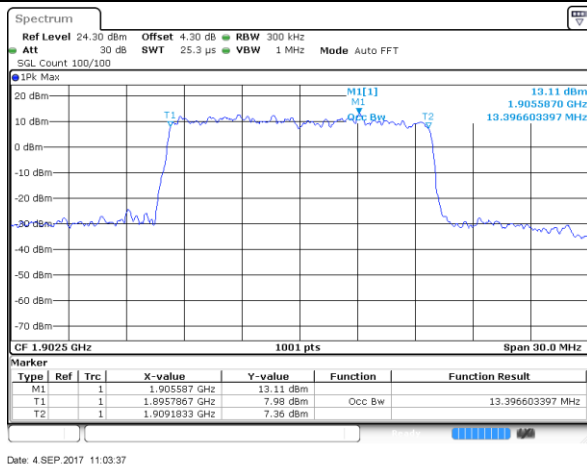
Middle Channel / 15MHz / QPSK



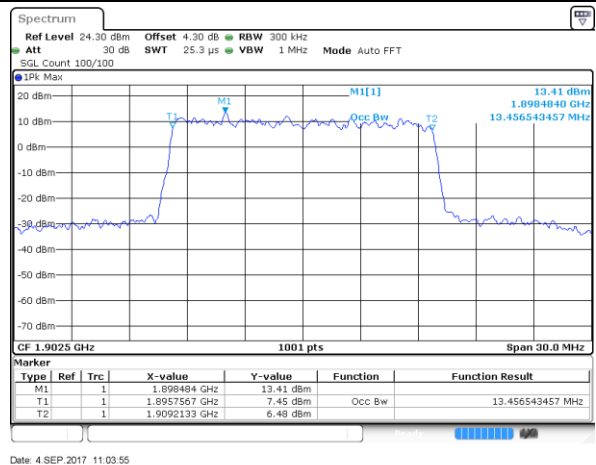
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



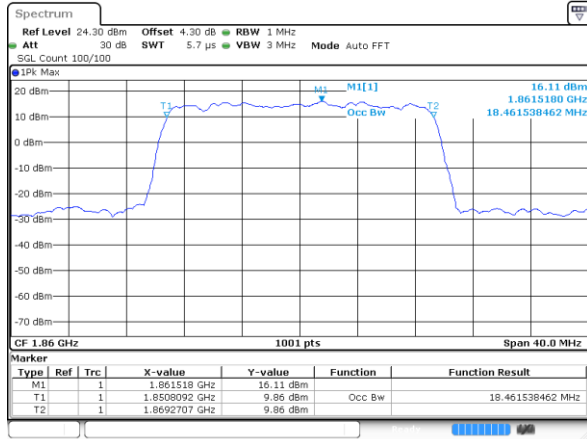
Highest Channel / 15MHz / 16QAM



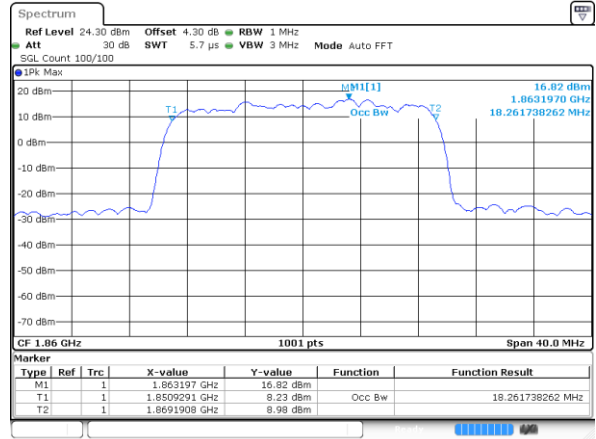


LTE Band 2

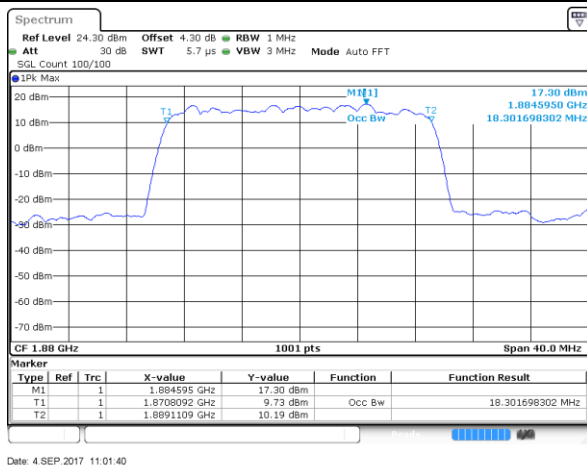
Lowest Channel / 20MHz / QPSK



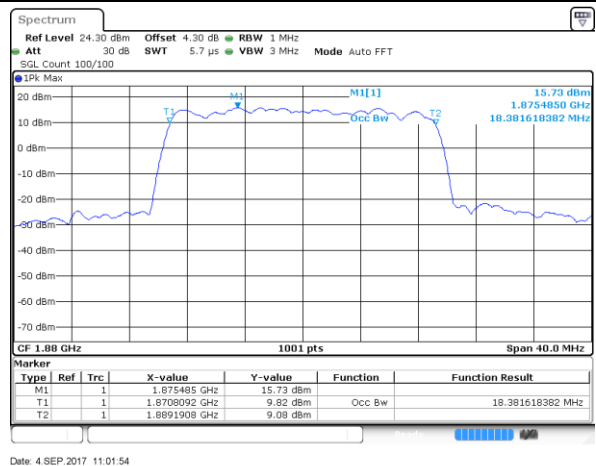
Lowest Channel / 20MHz / 16QAM



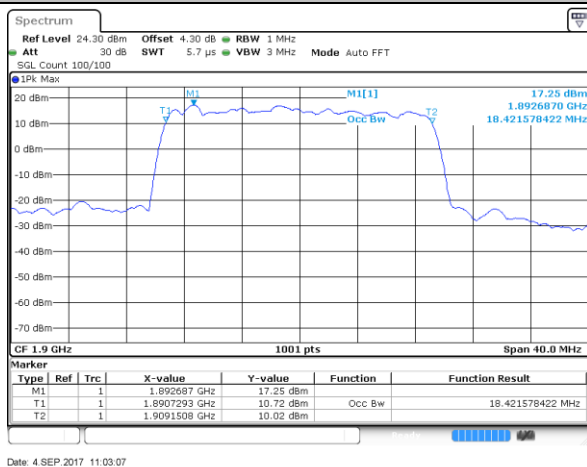
Middle Channel / 20MHz / QPSK



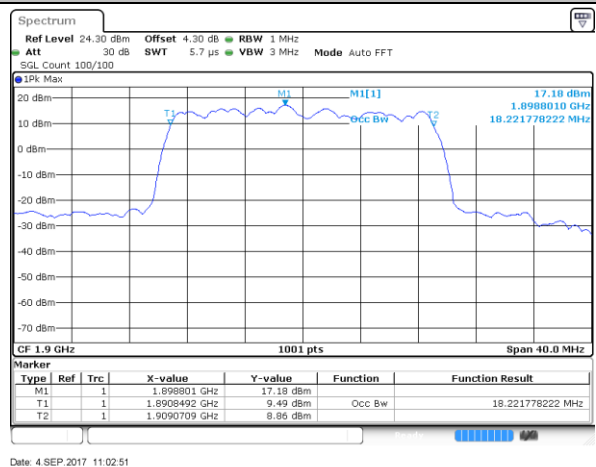
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



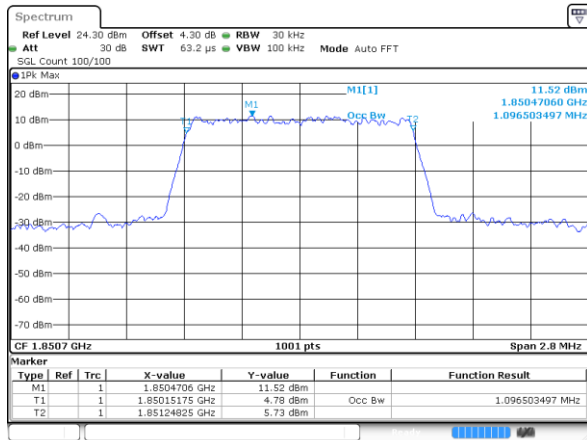
Highest Channel / 20MHz / 16QAM





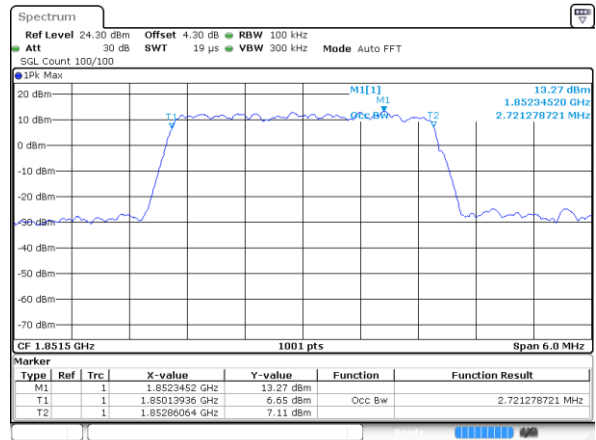
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



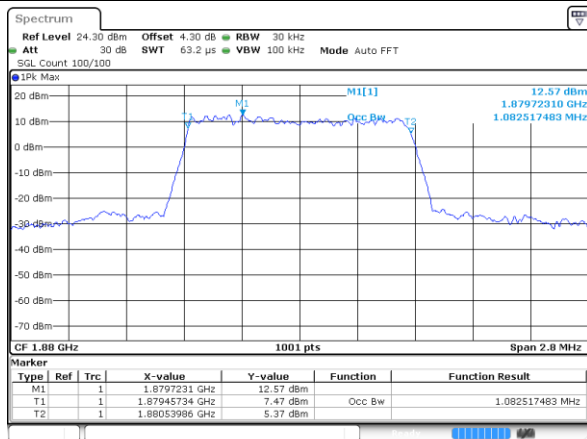
Date: 4 SEP 2017 10:47:50

Lowest Channel / 3MHz / 64QAM



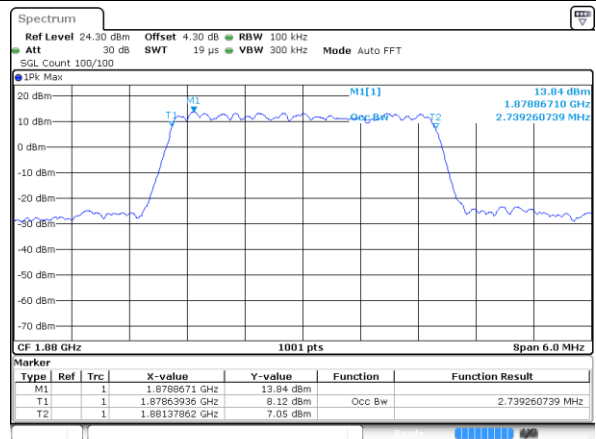
Date: 4 SEP 2017 10:51:12

Middle Channel / 1.4MHz / 64QAM



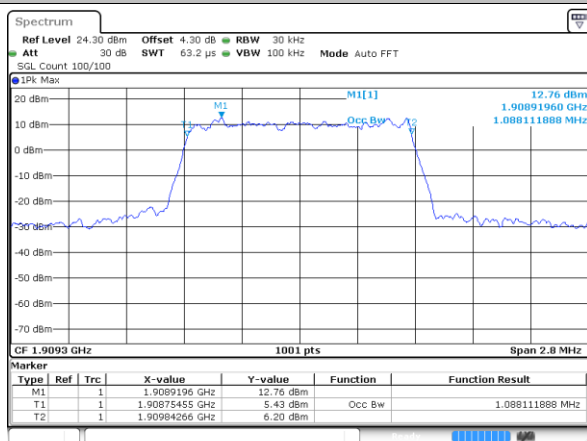
Date: 4 SEP 2017 10:48:06

Middle Channel / 3MHz / 64QAM



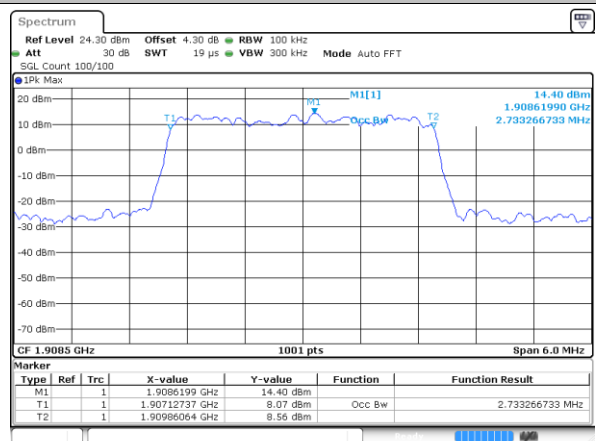
Date: 4 SEP 2017 10:52:54

Highest Channel / 1.4MHz / 64QAM



Date: 4 SEP 2017 10:49:28

Highest Channel / 3MHz / 64QAM

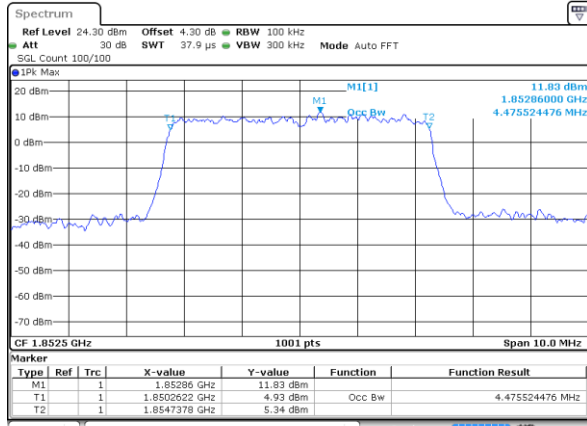


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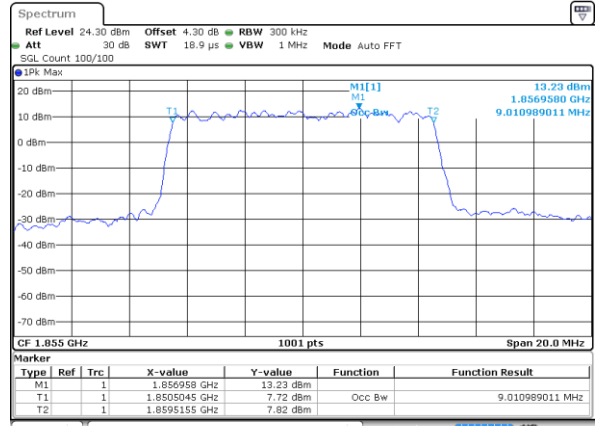


LTE Band 2

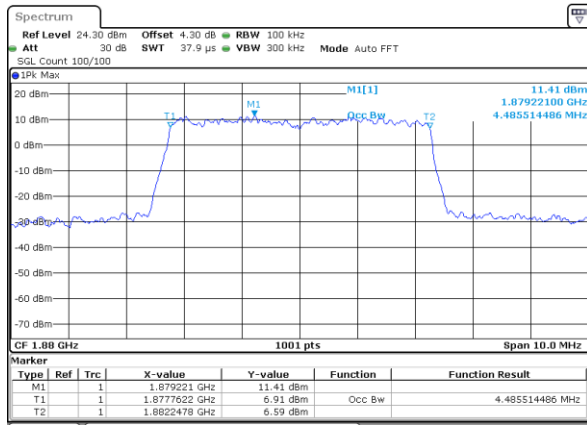
Lowest Channel / 5MHz / 64QAM



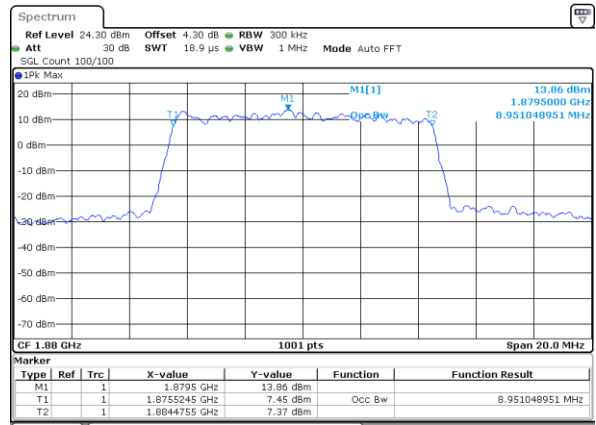
Lowest Channel / 10MHz / 64QAM



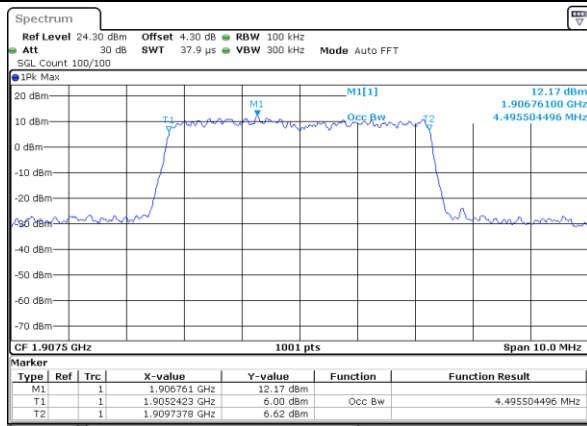
Middle Channel / 5MHz / 64QAM



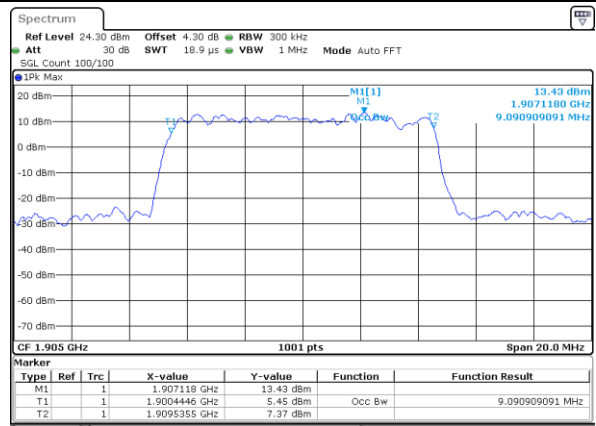
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



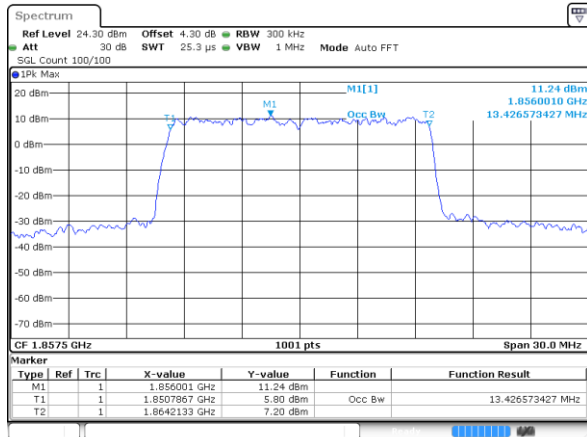
Highest Channel / 10MHz / 64QAM



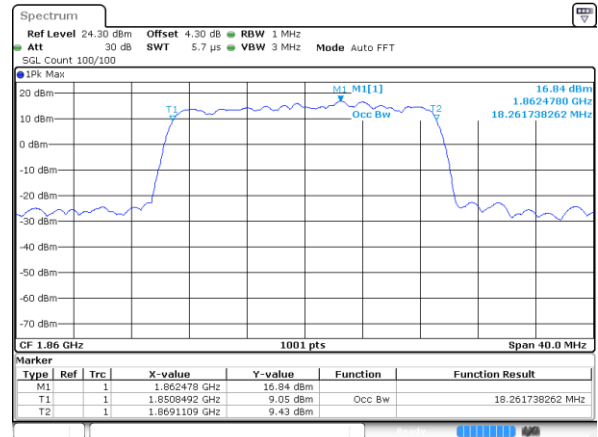


LTE Band 2

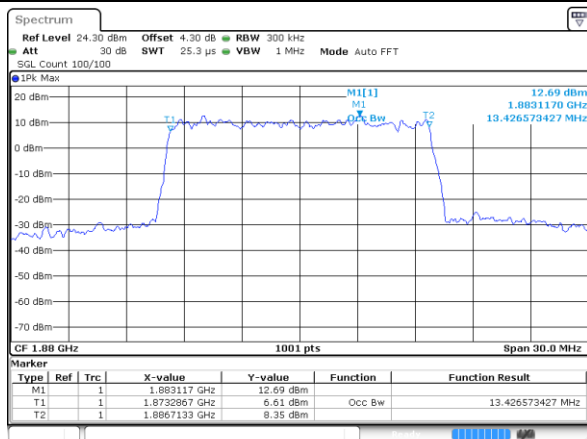
Lowest Channel / 15MHz / 64QAM



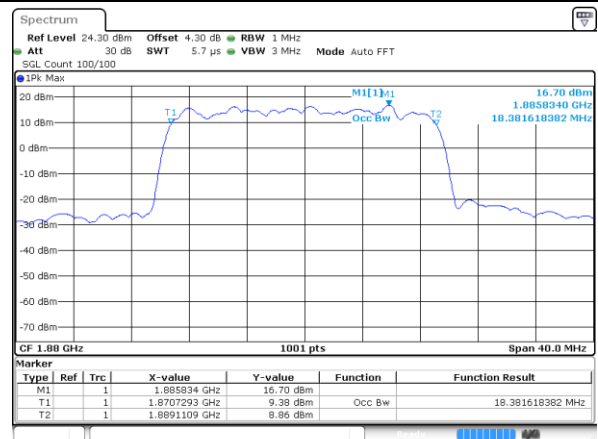
Lowest Channel / 20MHz / 64QAM



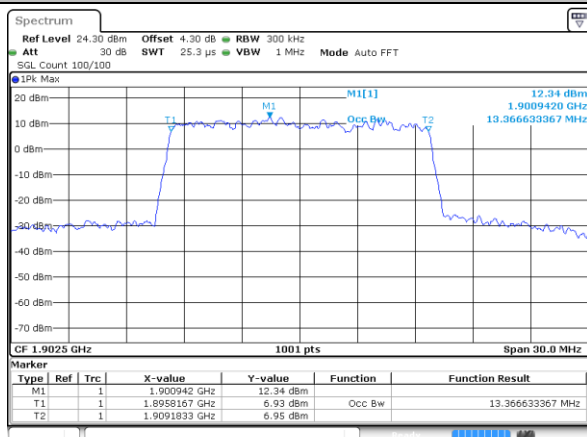
Middle Channel / 15MHz / 64QAM



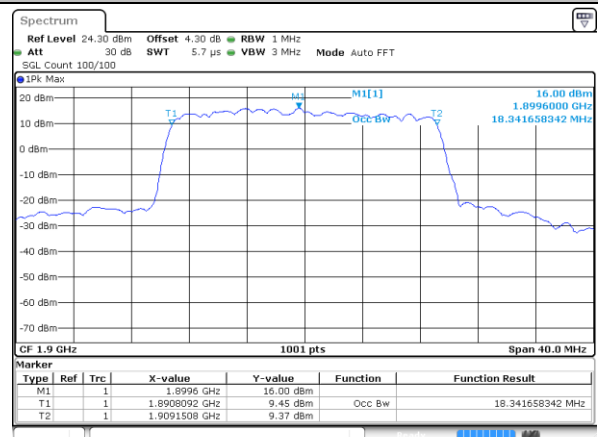
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



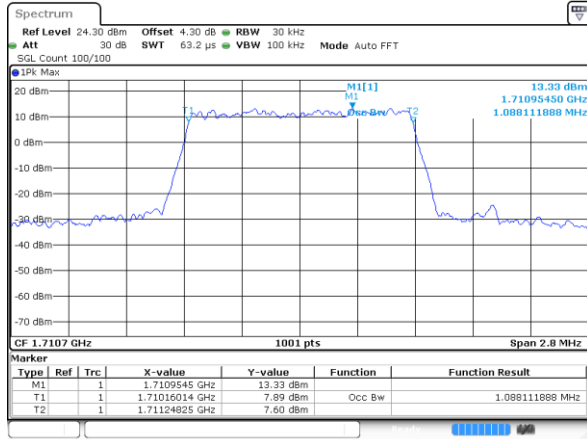
Highest Channel / 20MHz / 64QAM



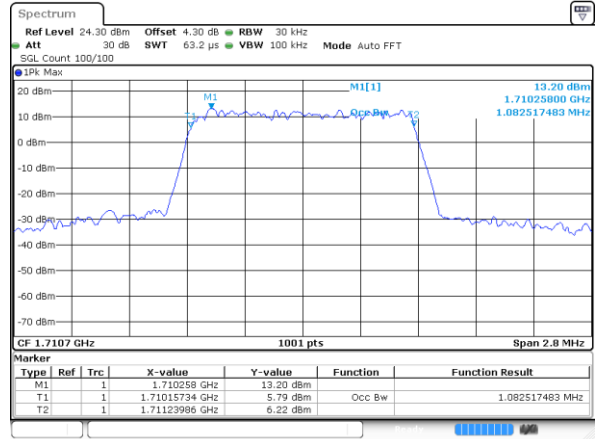


LTE Band 4

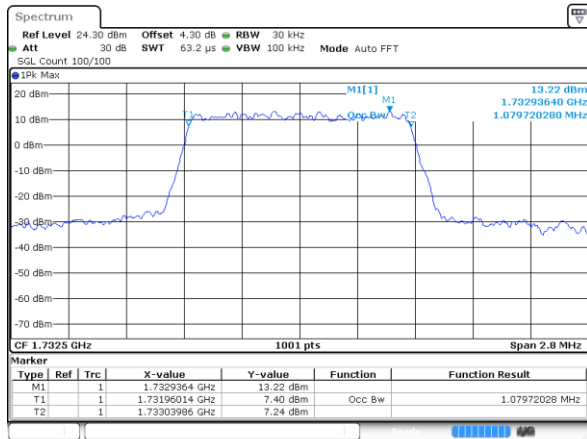
Lowest Channel / 1.4MHz / QPSK



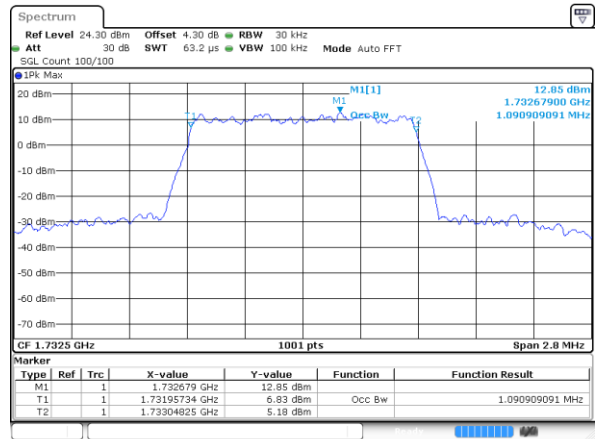
Lowest Channel / 1.4MHz / 16QAM



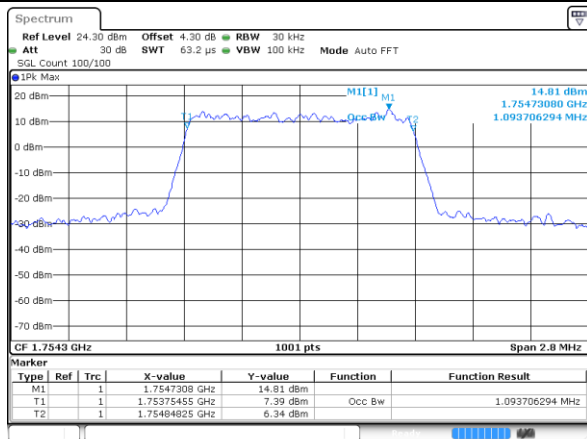
Middle Channel / 1.4MHz / QPSK



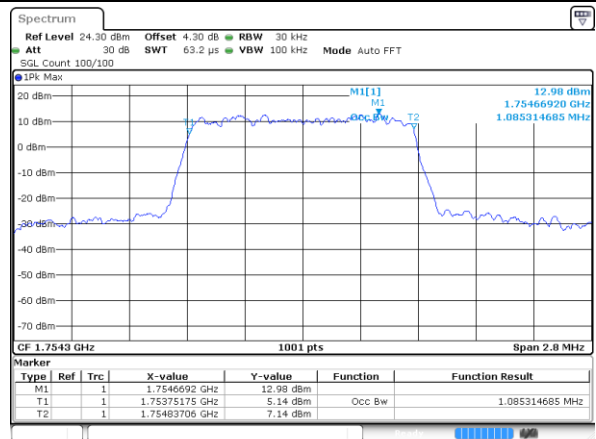
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



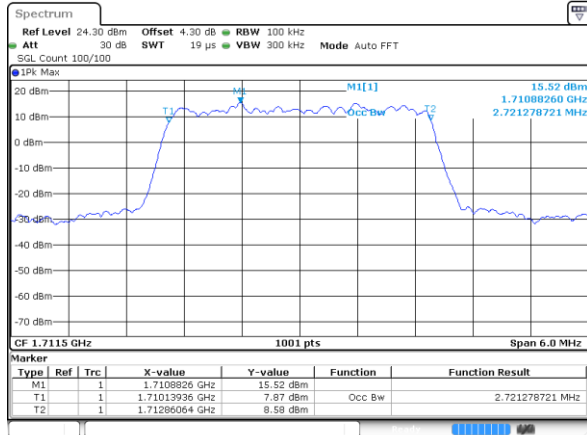
Highest Channel / 1.4MHz / 16QAM





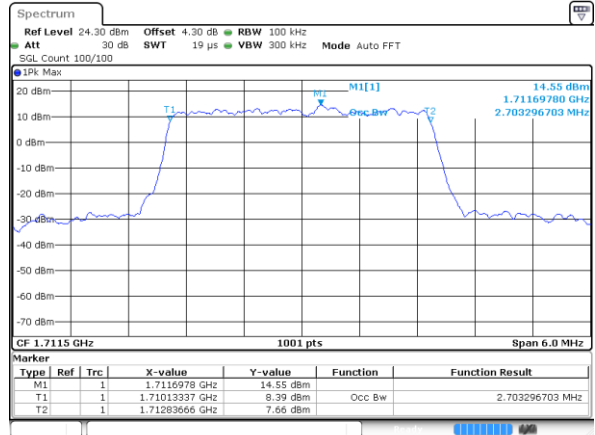
LTE Band 4

Lowest Channel / 3MHz / QPSK



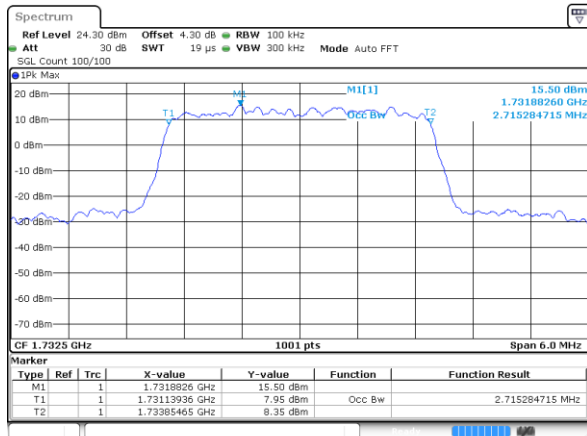
Date: 4 SEP 2017 14:31:09

Lowest Channel / 3MHz / 16QAM



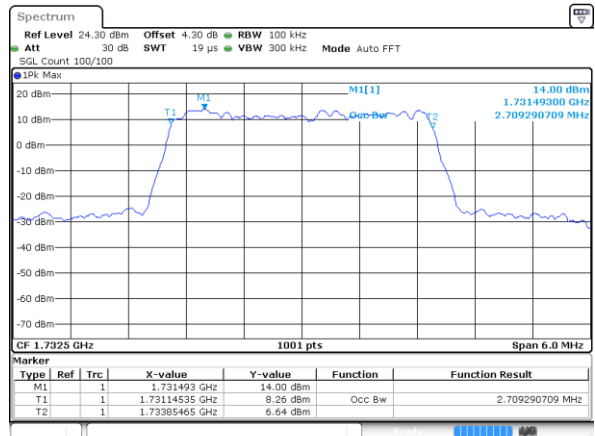
Date: 4 SEP 2017 14:31:19

Middle Channel / 3MHz / QPSK



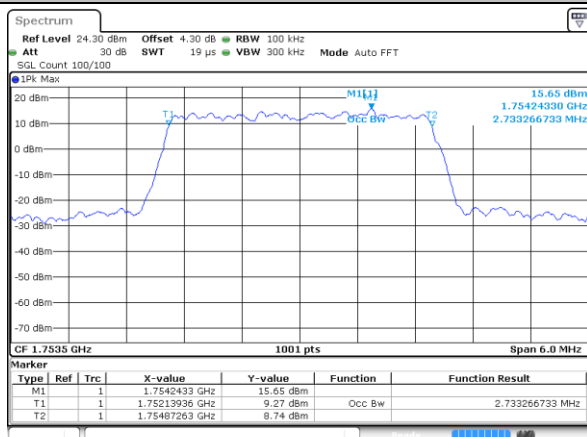
Date: 4 SEP 2017 14:31:29

Middle Channel / 3MHz / 16QAM



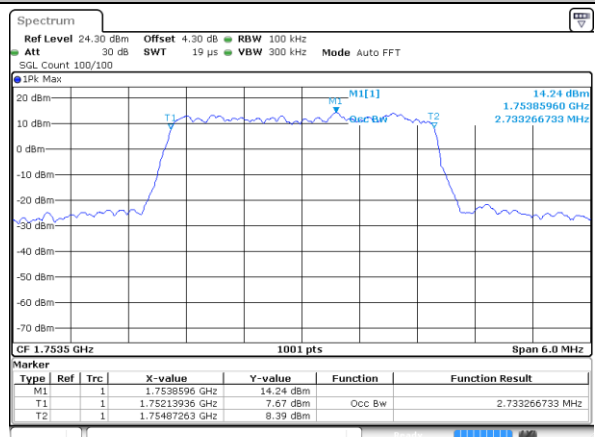
Date: 4 SEP 2017 14:31:39

Highest Channel / 3MHz / QPSK



Date: 4 SEP 2017 14:31:49

Highest Channel / 3MHz / 16QAM

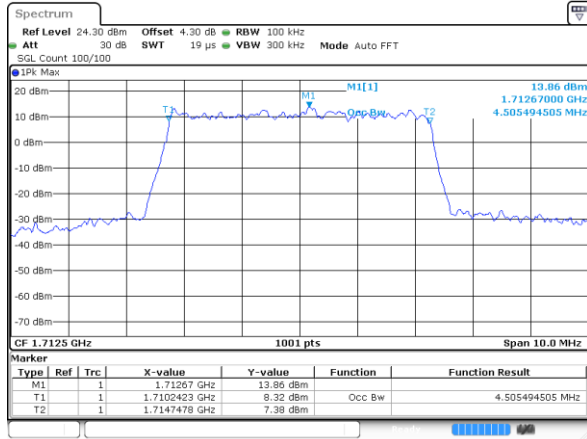


Date: 4 SEP 2017 14:31:59



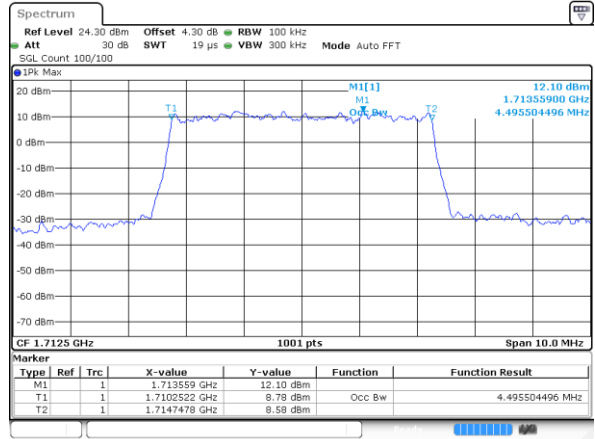
LTE Band 4

Lowest Channel / 5MHz / QPSK



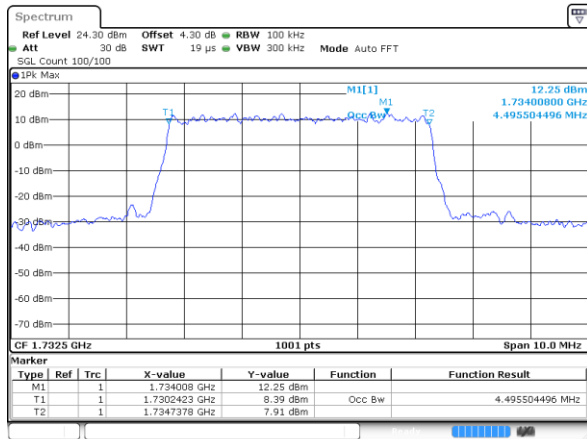
Date: 4 SEP 2017 14:32:09

Lowest Channel / 5MHz / 16QAM



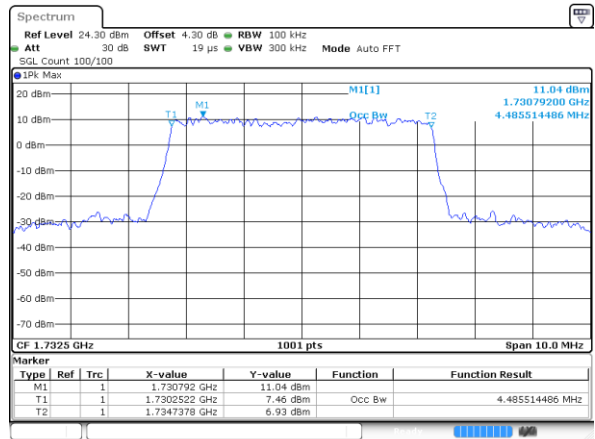
Date: 4 SEP 2017 14:32:19

Middle Channel / 5MHz / QPSK



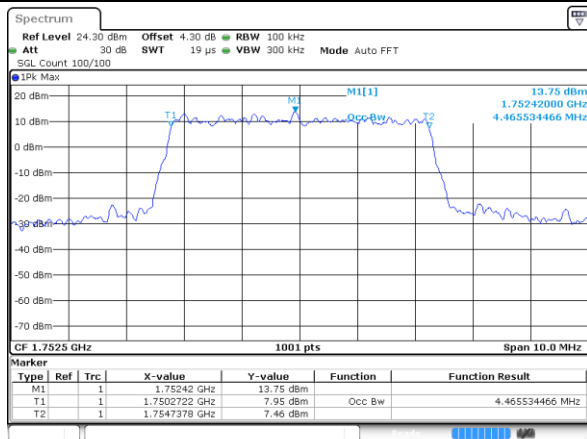
Date: 4 SEP 2017 14:32:29

Middle Channel / 5MHz / 16QAM



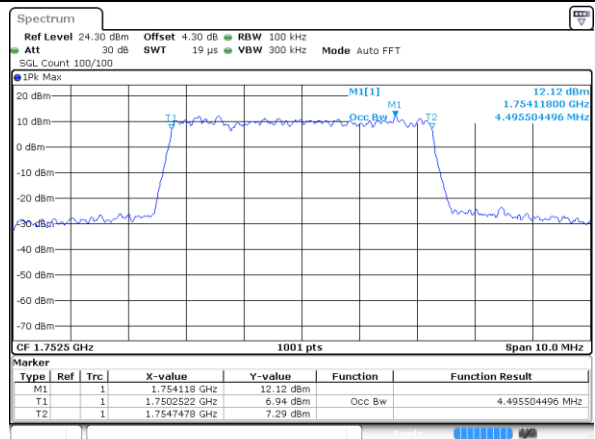
Date: 4 SEP 2017 14:32:39

Highest Channel / 5MHz / QPSK



Date: 4 SEP 2017 14:32:49

Highest Channel / 5MHz / 16QAM

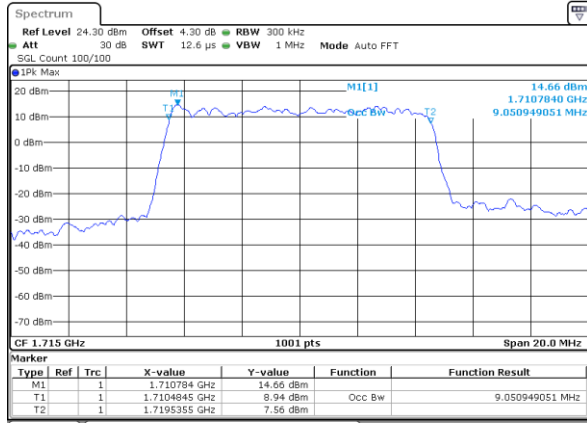


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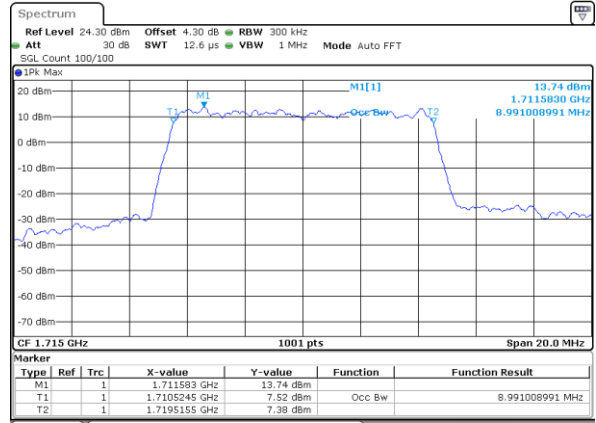


LTE Band 4

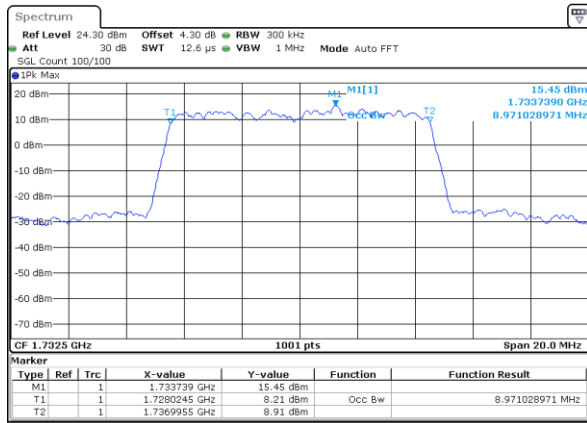
Lowest Channel / 10MHz / QPSK



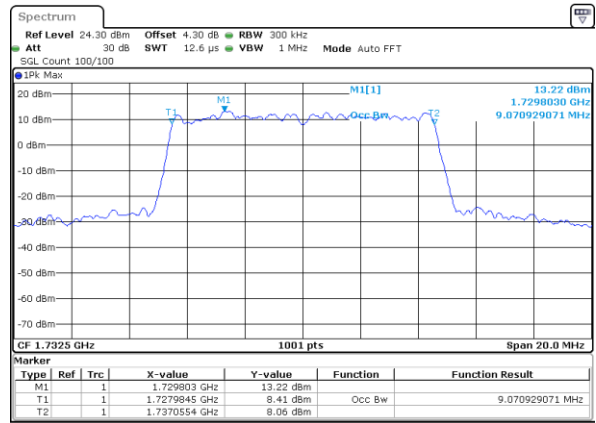
Lowest Channel / 10MHz / 16QAM



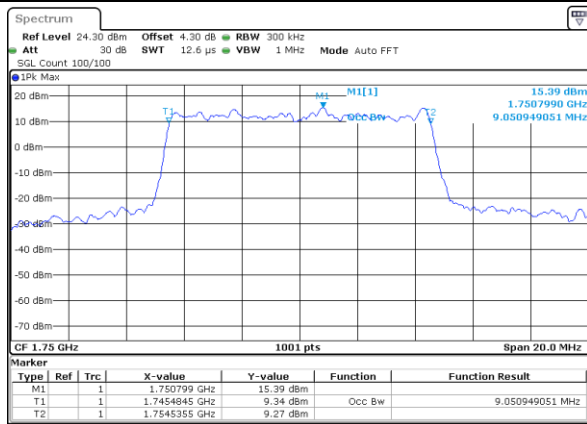
Middle Channel / 10MHz / QPSK



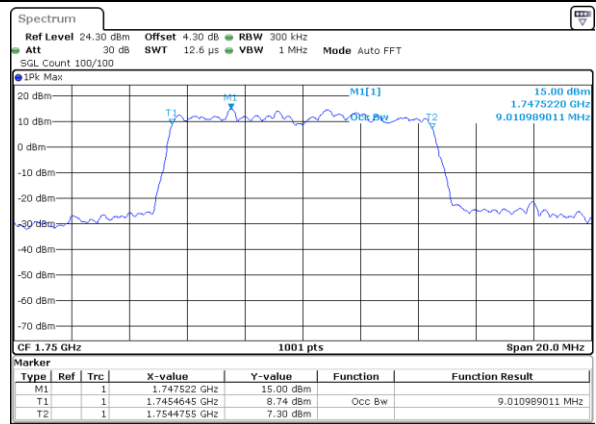
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



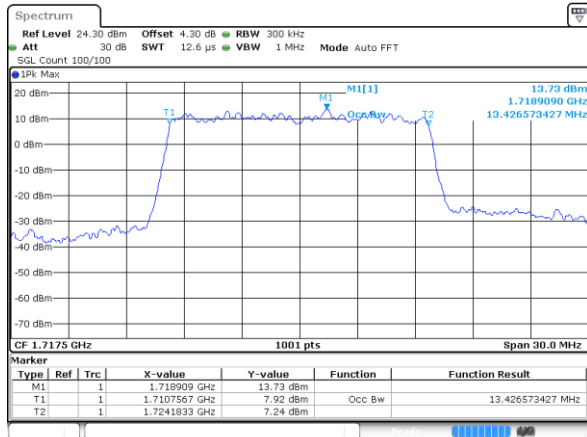
Highest Channel / 10MHz / 16QAM



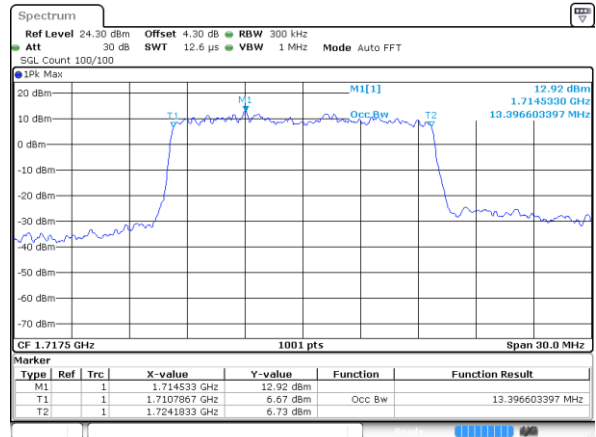


LTE Band 4

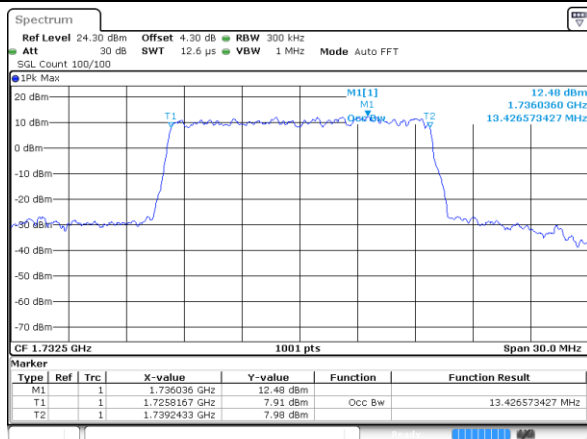
Lowest Channel / 15MHz / QPSK



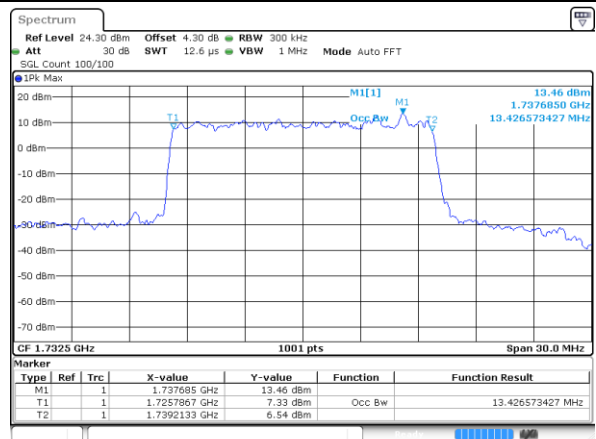
Lowest Channel / 15MHz / 16QAM



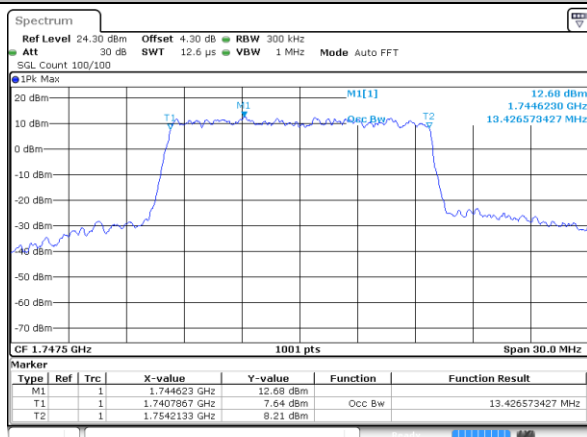
Middle Channel / 15MHz / QPSK



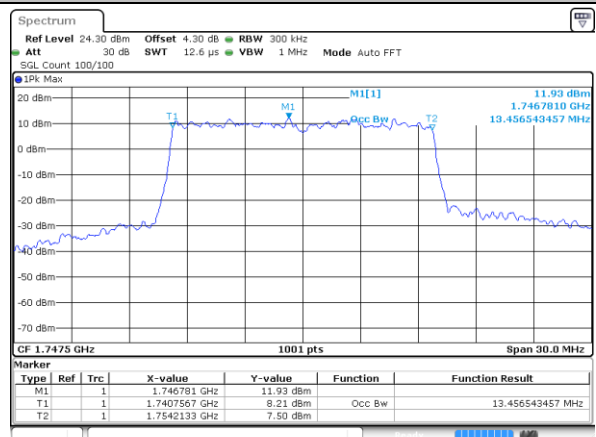
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



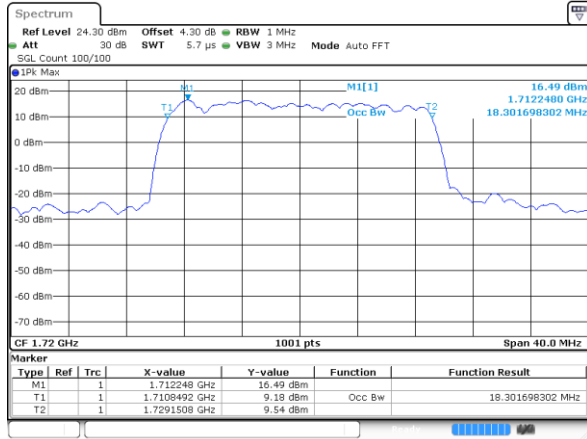
Highest Channel / 15MHz / 16QAM



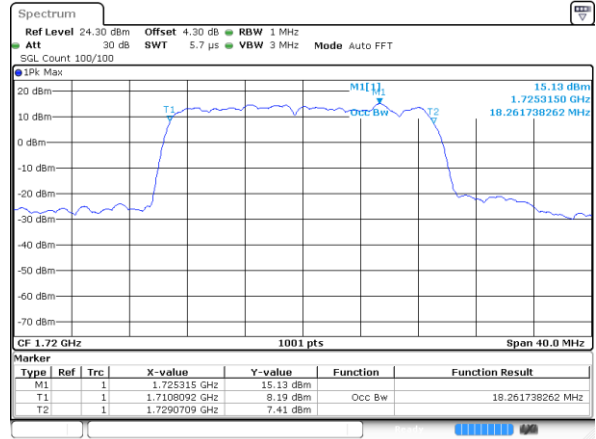


LTE Band 4

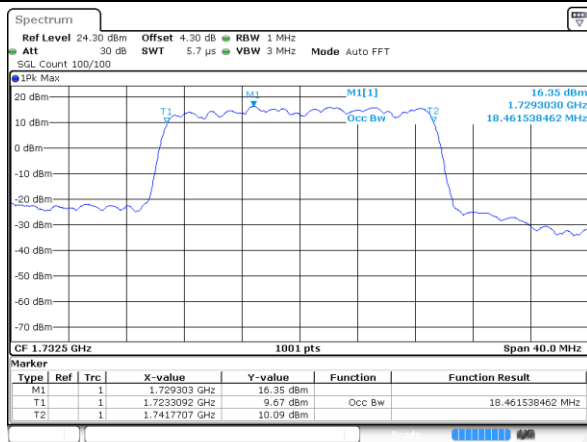
Lowest Channel / 20MHz / QPSK



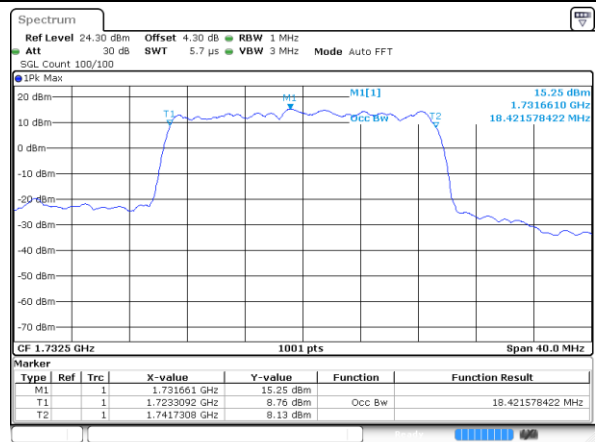
Lowest Channel / 20MHz / 16QAM



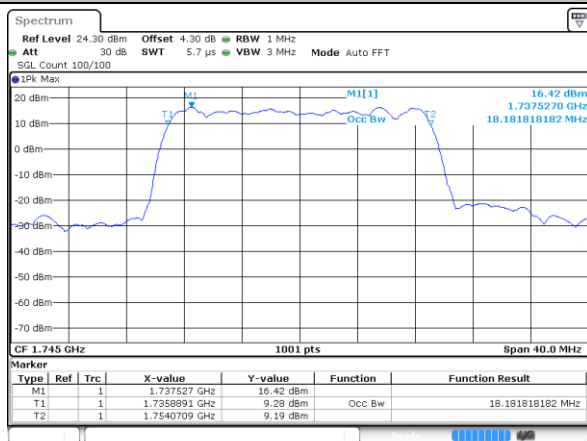
Middle Channel / 20MHz / QPSK



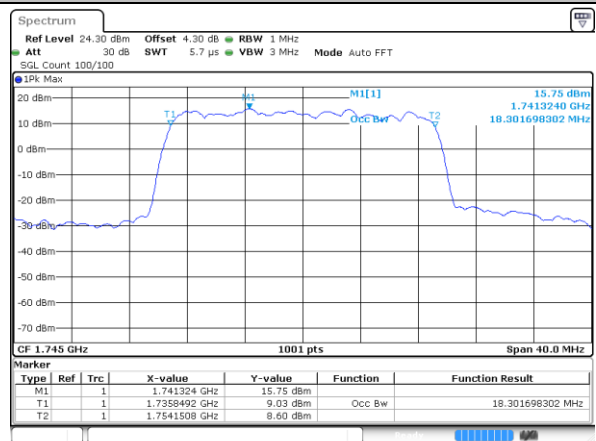
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



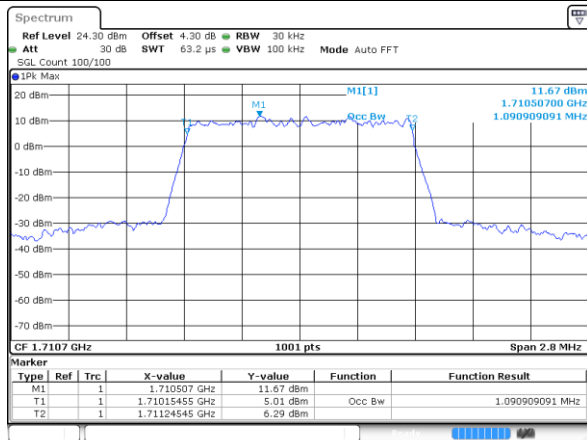
Highest Channel / 20MHz / 16QAM





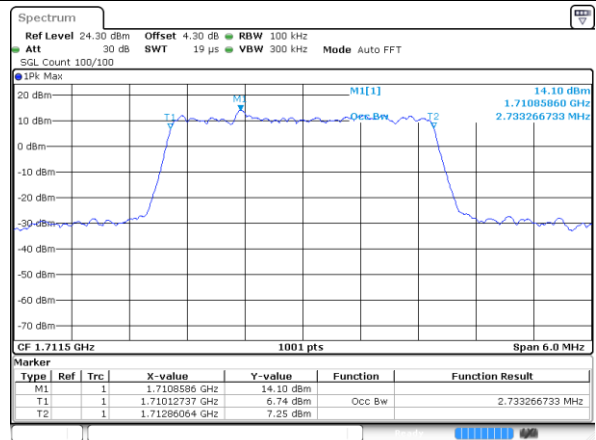
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



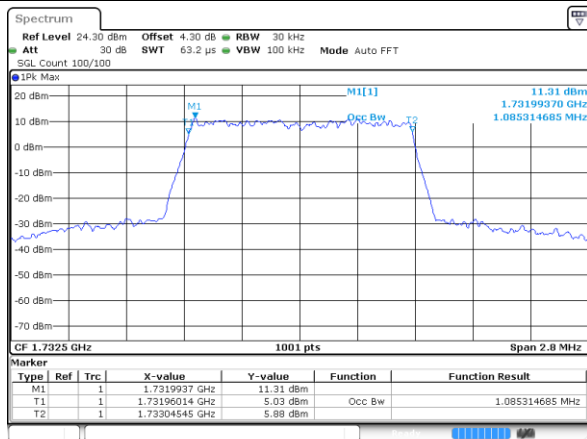
Date: 4 SEP 2017 14:36:08

Lowest Channel / 3MHz / 64QAM



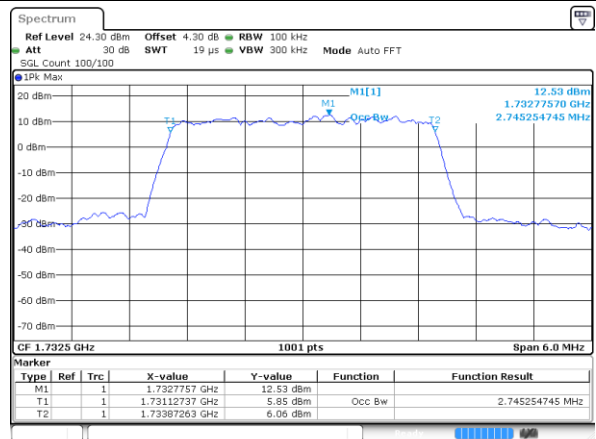
Date: 4 SEP 2017 14:36:37

Middle Channel / 1.4MHz / 64QAM



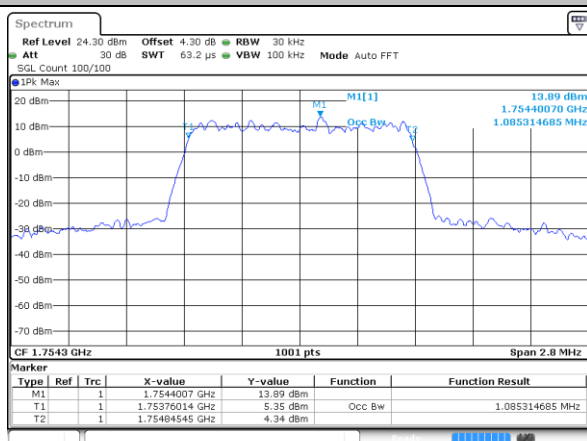
Date: 4 SEP 2017 14:36:17

Middle Channel / 3MHz / 64QAM



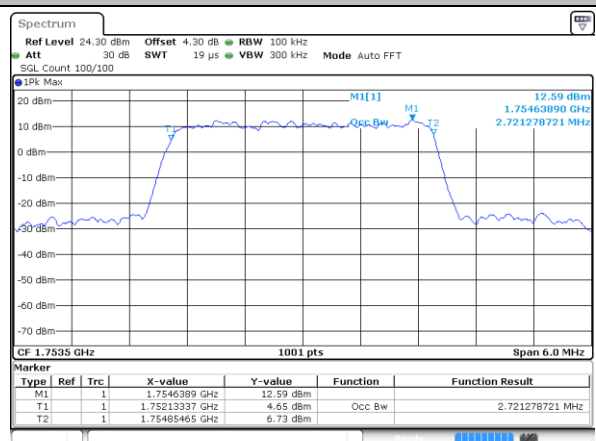
Date: 4 SEP 2017 14:36:47

Highest Channel / 1.4MHz / 64QAM



Date: 4 SEP 2017 14:36:27

Highest Channel / 3MHz / 64QAM

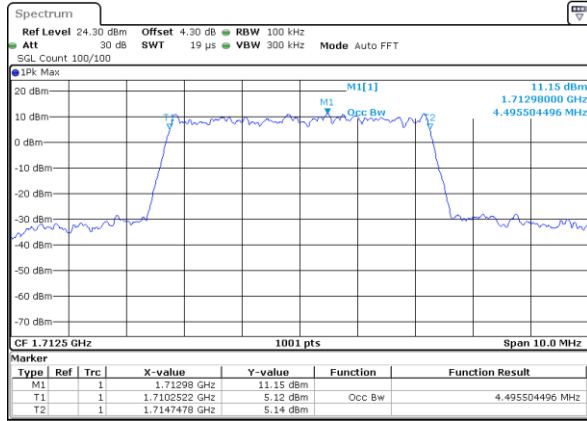


Date: 4 SEP 2017 14:36:57

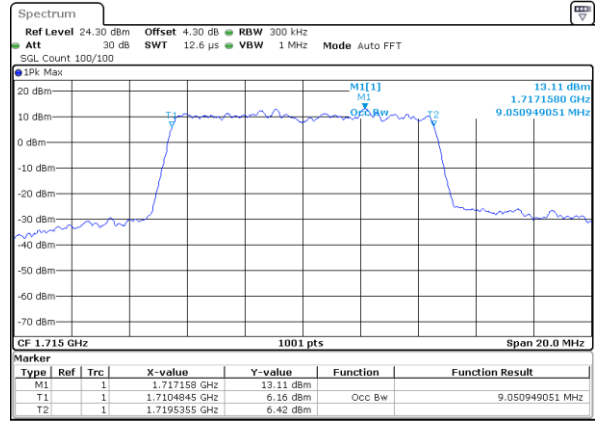


LTE Band 4

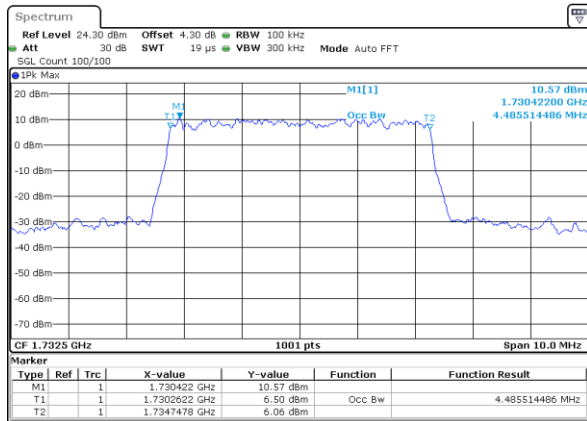
Lowest Channel / 5MHz / 64QAM



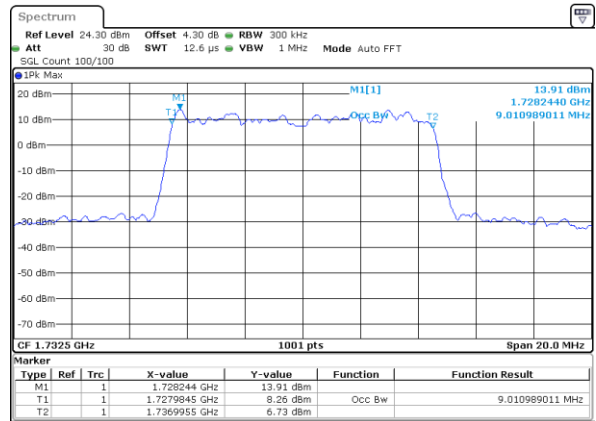
Lowest Channel / 10MHz / 64QAM



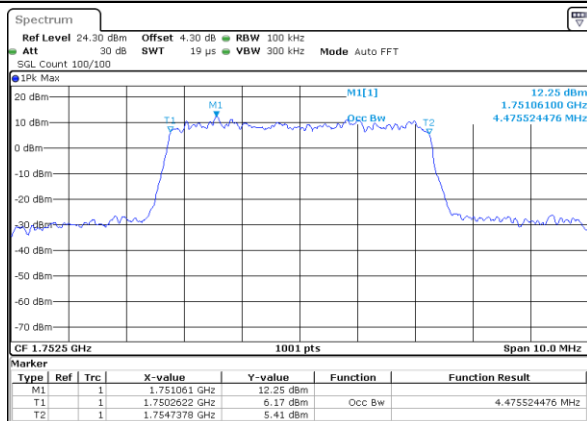
Middle Channel / 5MHz / 64QAM



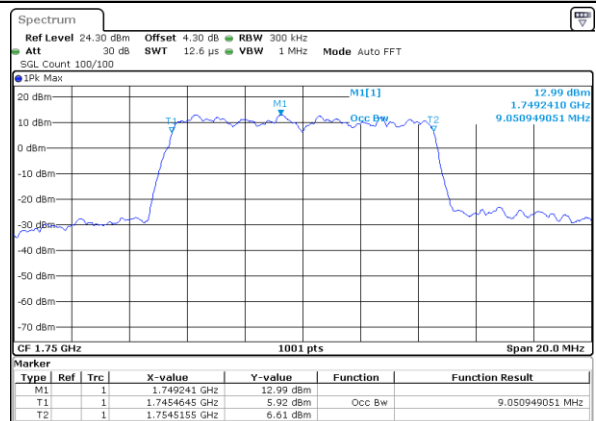
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



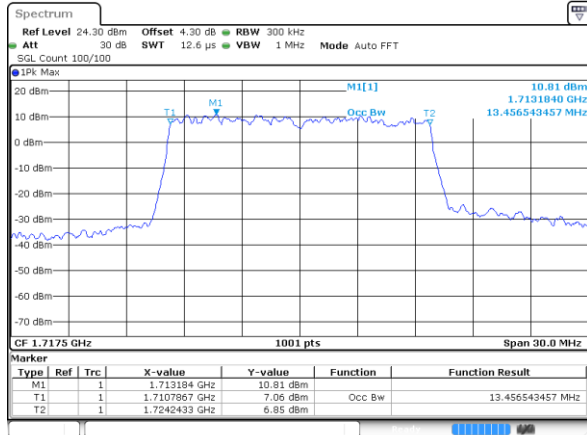
Highest Channel / 10MHz / 64QAM



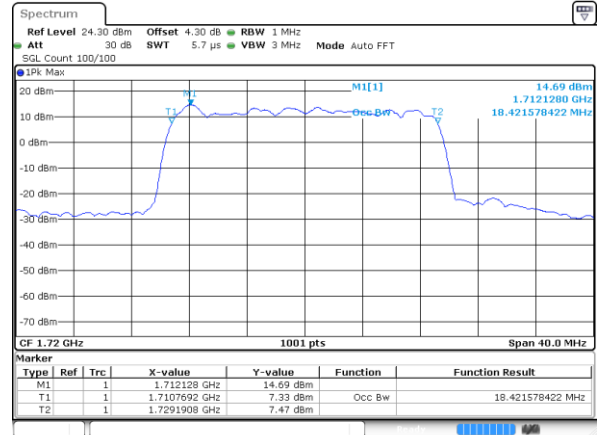


LTE Band 4

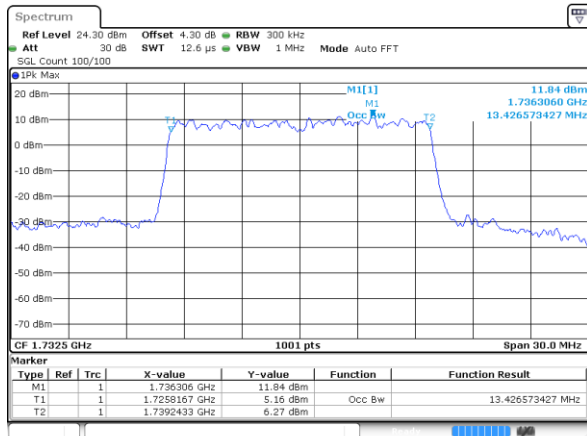
Lowest Channel / 15MHz / 64QAM



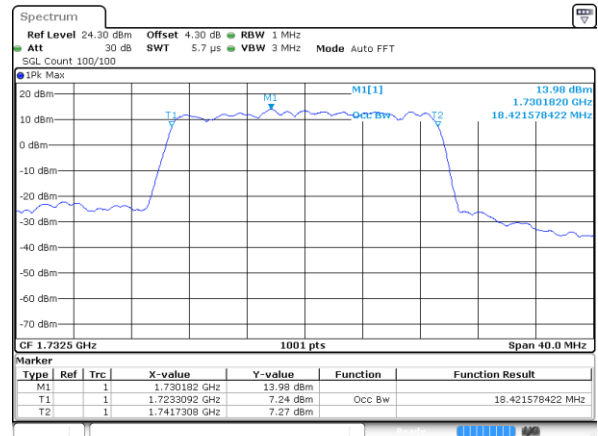
Lowest Channel / 20MHz / 64QAM



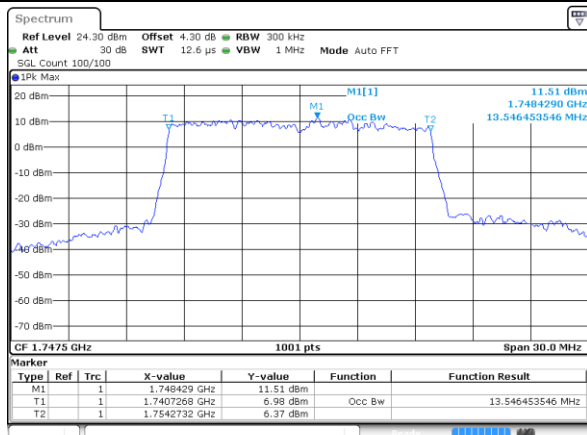
Middle Channel / 15MHz / 64QAM



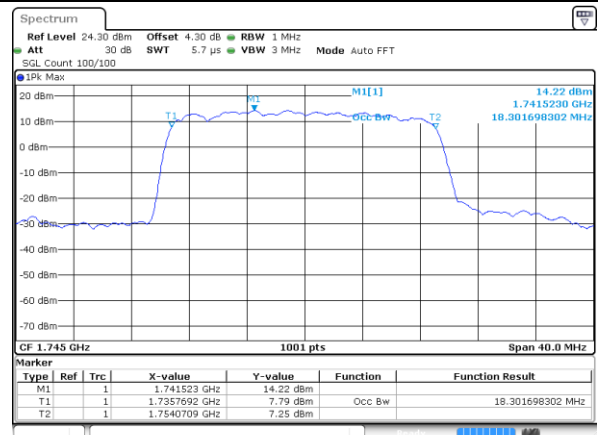
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



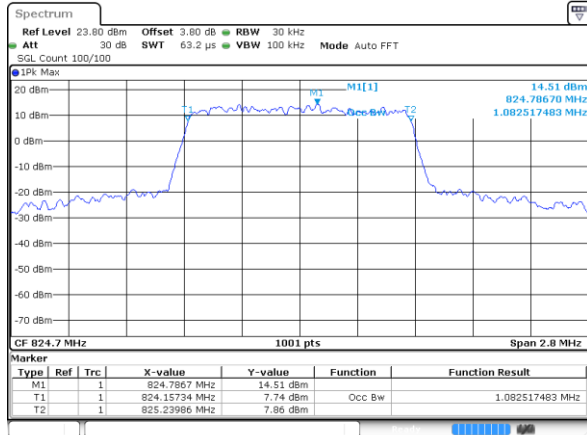
Highest Channel / 20MHz / 64QAM





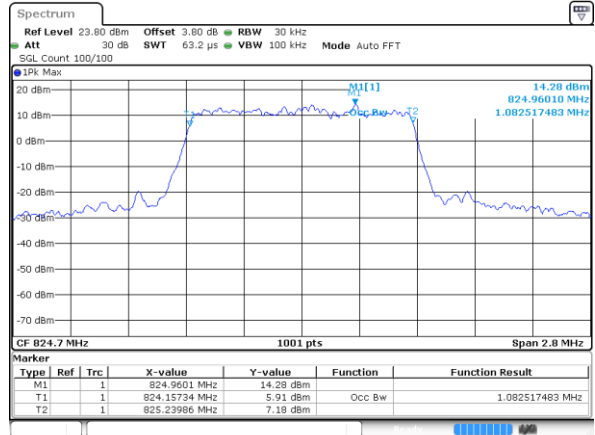
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



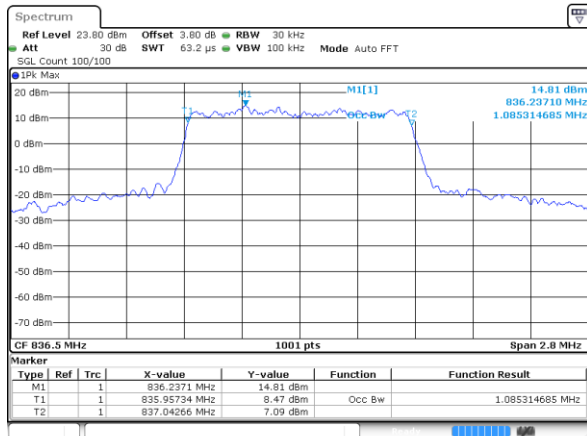
Date: 4 SEP 2017 15:03:22

Lowest Channel / 1.4MHz / 16QAM



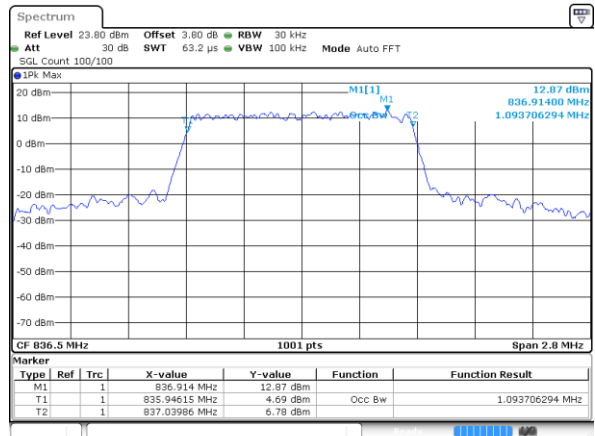
Date: 4 SEP 2017 14:54:57

Middle Channel / 1.4MHz / QPSK



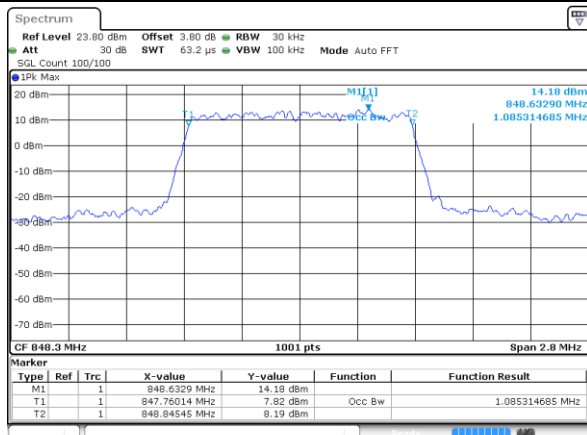
Date: 4 SEP 2017 14:55:07

Middle Channel / 1.4MHz / 16QAM



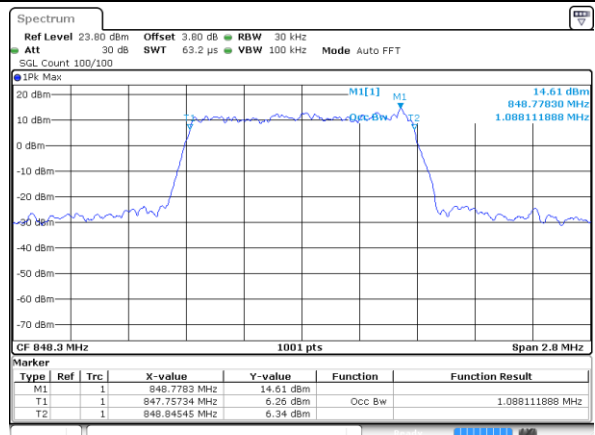
Date: 4 SEP 2017 14:55:17

Highest Channel / 1.4MHz / QPSK



Date: 4 SEP 2017 14:55:27

Highest Channel / 1.4MHz / 16QAM

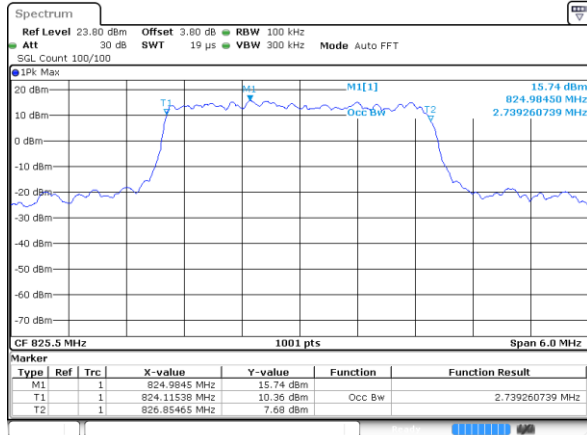


Date: 4 SEP 2017 14:55:37

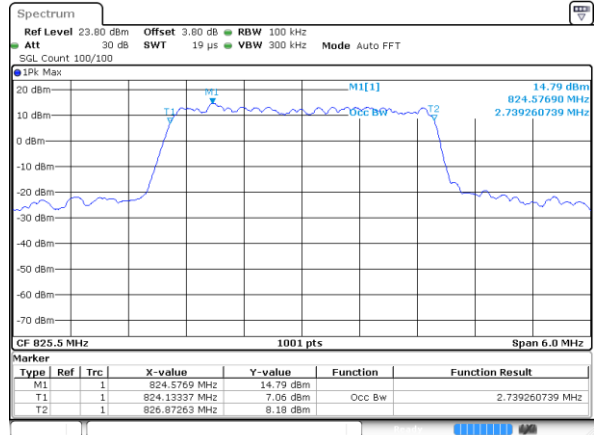


LTE Band 5

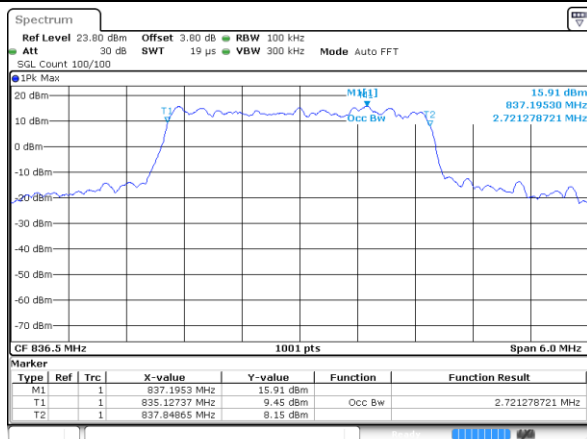
Lowest Channel / 3MHz / QPSK



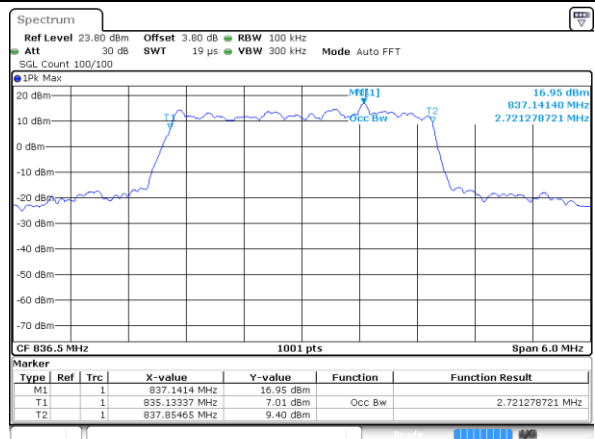
Lowest Channel / 3MHz / 16QAM



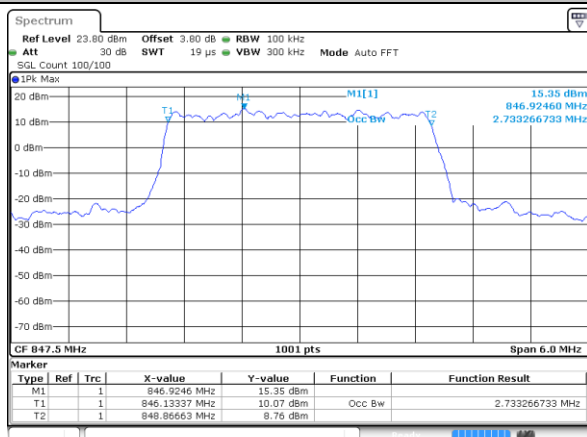
Middle Channel / 3MHz / QPSK



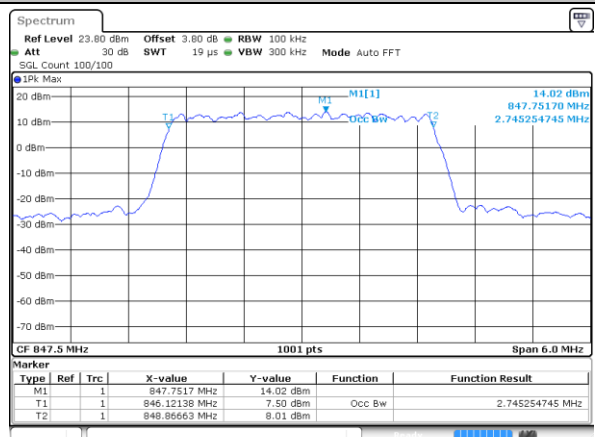
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



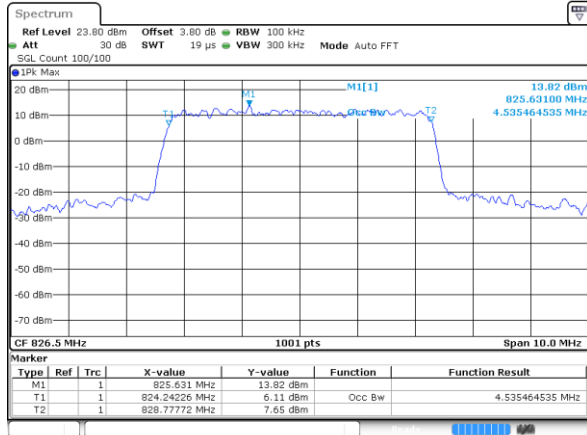
Highest Channel / 3MHz / 16QAM





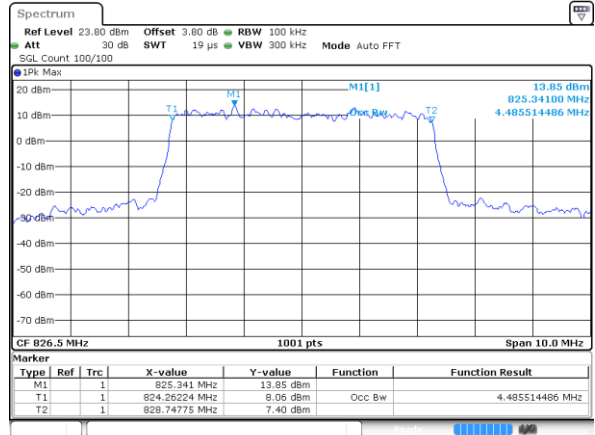
LTE Band 5

Lowest Channel / 5MHz / QPSK



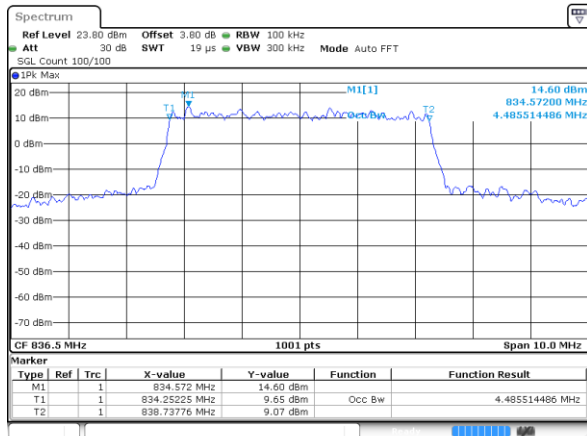
Date: 4 SEP 2017 14:56:47

Lowest Channel / 5MHz / 16QAM



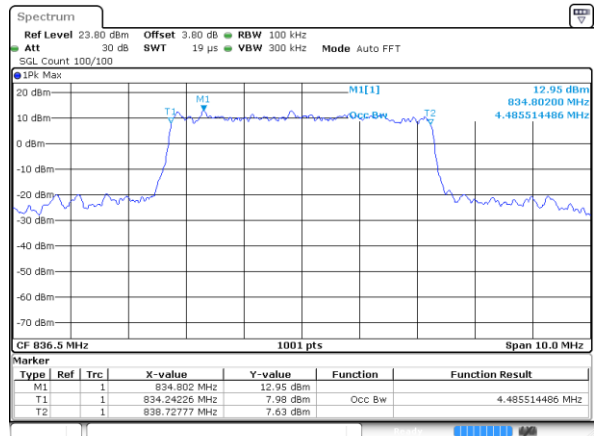
Date: 4 SEP 2017 14:56:56

Middle Channel / 5MHz / QPSK



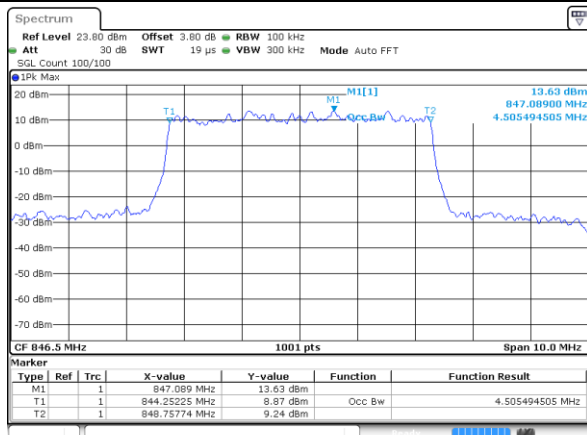
Date: 4 SEP 2017 14:57:06

Middle Channel / 5MHz / 16QAM



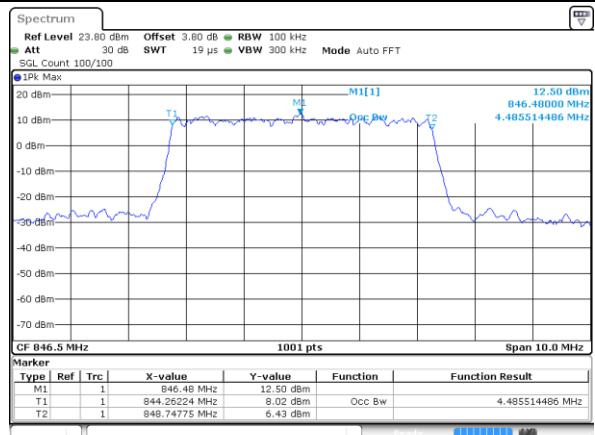
Date: 4 SEP 2017 14:57:16

Highest Channel / 5MHz / QPSK



Date: 4 SEP 2017 14:57:26

Highest Channel / 5MHz / 16QAM



Date: 4 SEP 2017 14:57:36