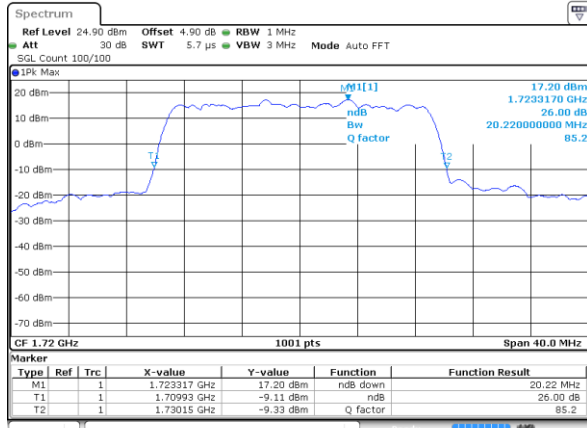




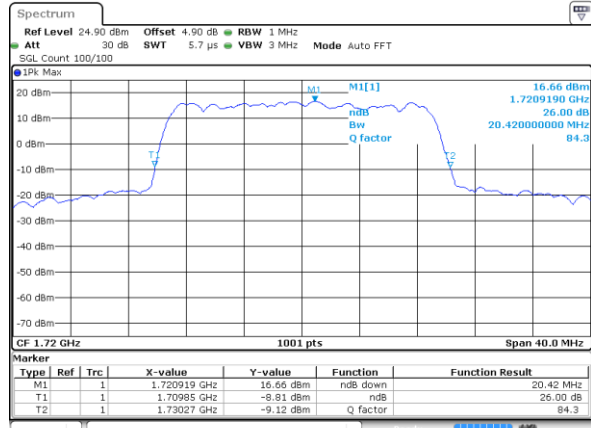
LTE Band 66

Lowest Channel / 20MHz / QPSK



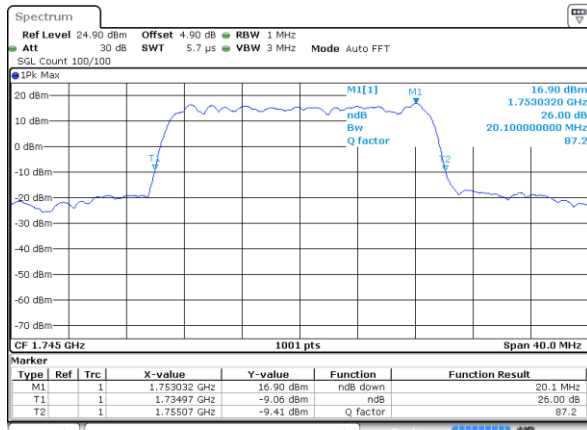
Date: 13 DEC 2017 21:46:39

Lowest Channel / 20MHz / 16QAM



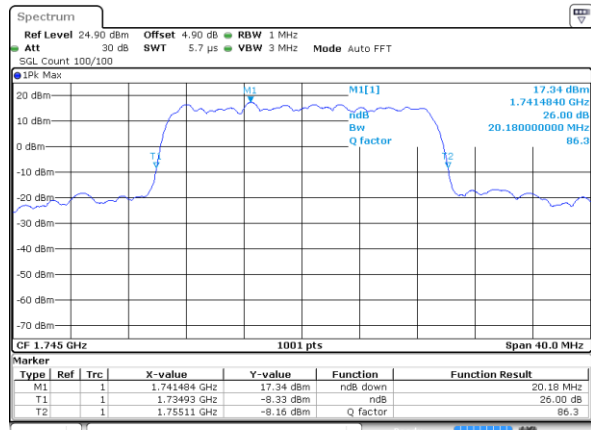
Date: 13 DEC 2017 21:46:55

Middle Channel / 20MHz / QPSK



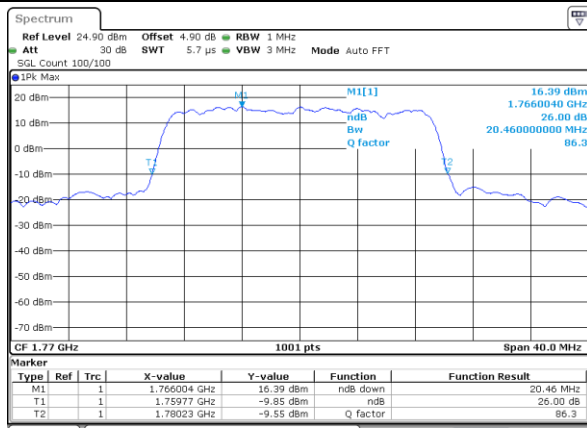
Date: 13 DEC 2017 21:48:09

Middle Channel / 20MHz / 16QAM



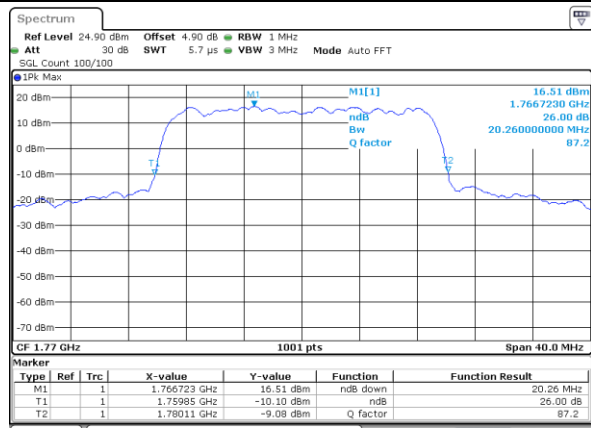
Date: 13 DEC 2017 21:47:50

Highest Channel / 20MHz / QPSK



Date: 13 DEC 2017 21:48:41

Highest Channel / 20MHz / 16QAM

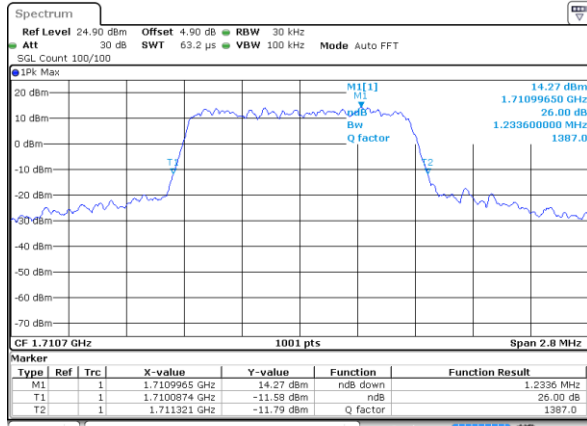


Date: 13 DEC 2017 21:48:55



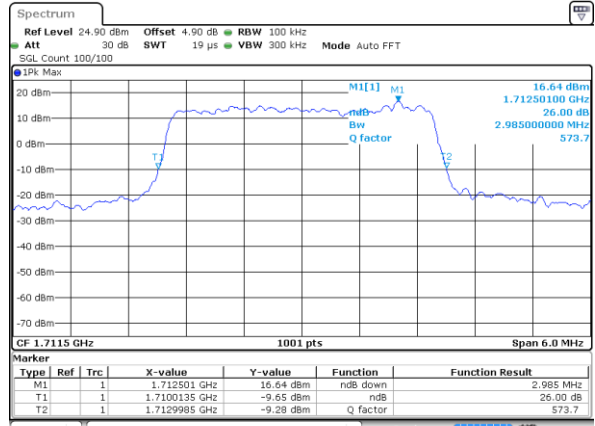
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



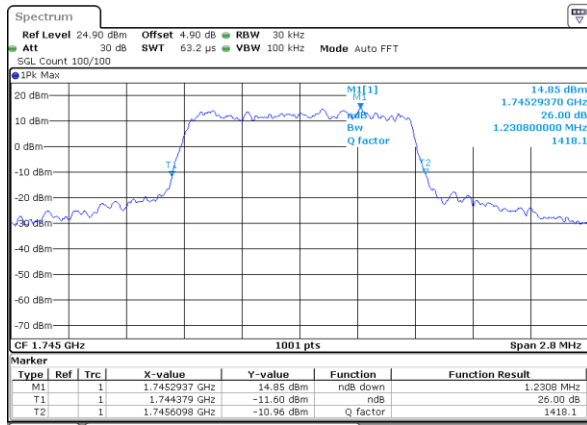
Date: 13 DEC 2017 18:57:58

Lowest Channel / 3MHz / 64QAM



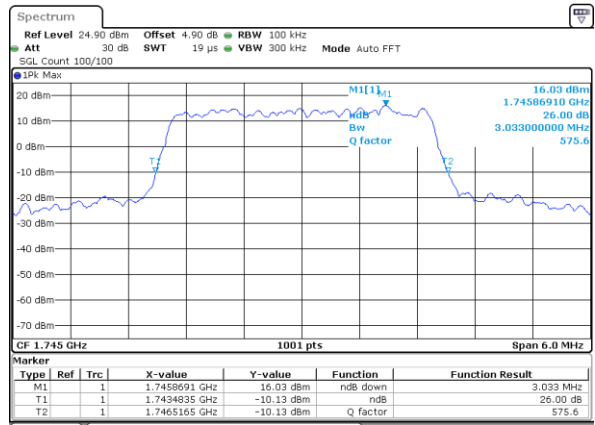
Date: 13 DEC 2017 19:50:24

Middle Channel / 1.4MHz / 64QAM



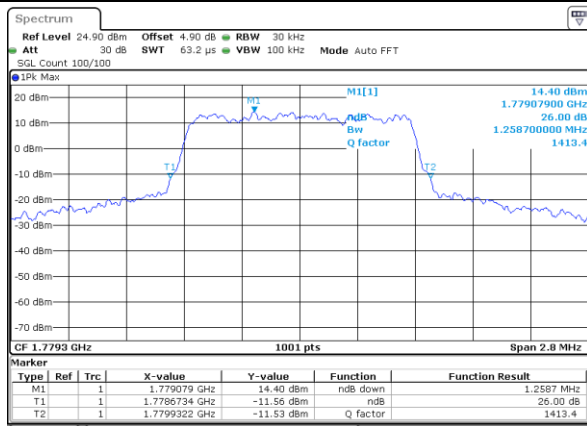
Date: 13 DEC 2017 18:56:50

Middle Channel / 3MHz / 64QAM



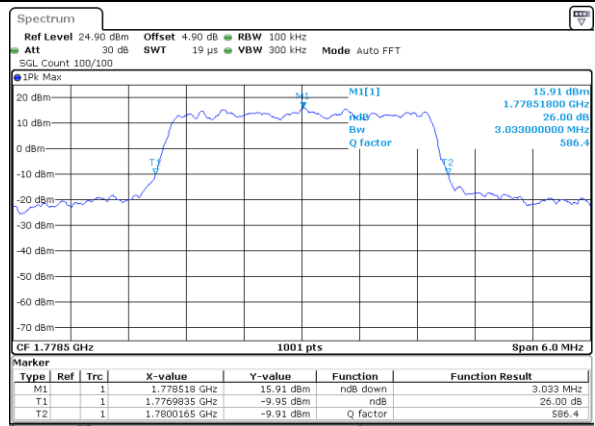
Date: 13 DEC 2017 19:50:58

Highest Channel / 1.4MHz / 64QAM



Date: 13 DEC 2017 18:56:12

Highest Channel / 3MHz / 64QAM

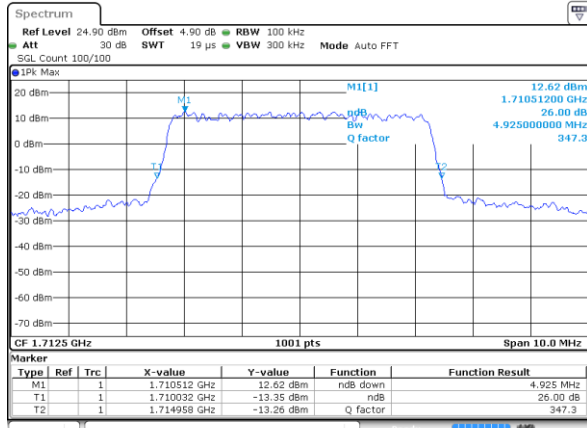


Date: 13 DEC 2017 19:50:51

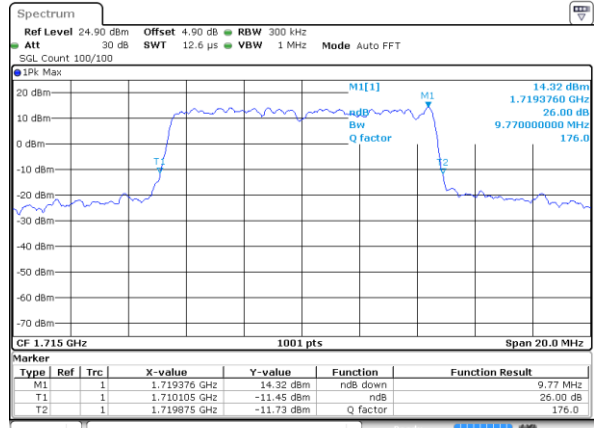


LTE Band 66

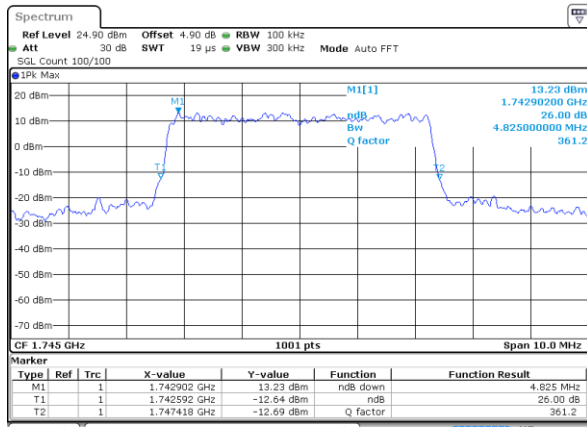
Lowest Channel / 5MHz / 64QAM



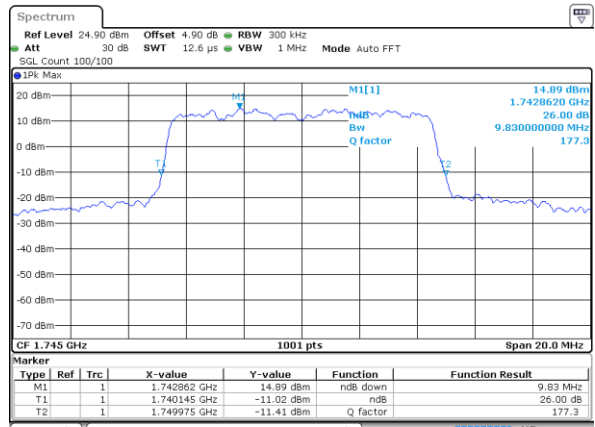
Lowest Channel / 10MHz / 64QAM



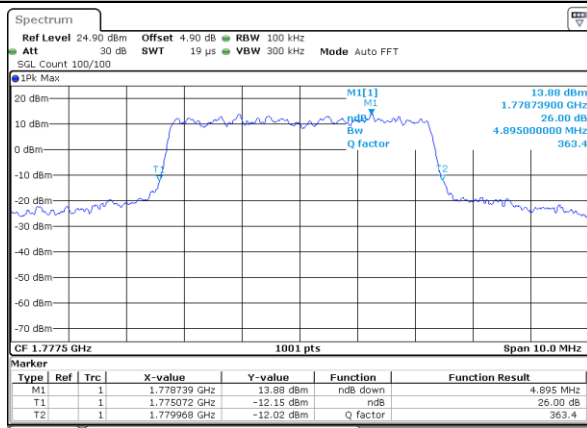
Middle Channel / 5MHz / 64QAM



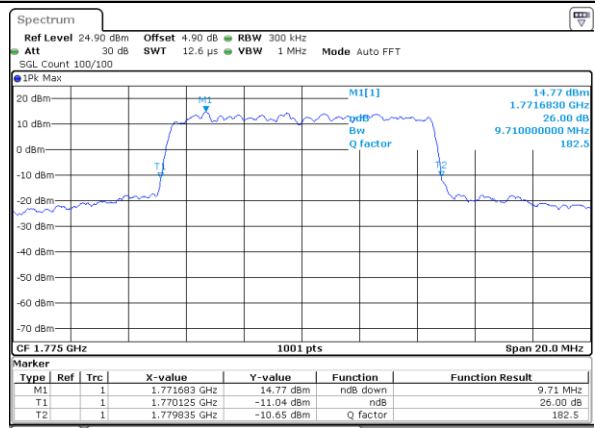
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



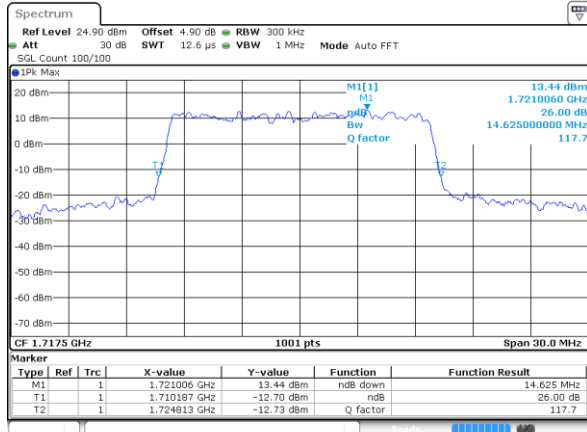
Highest Channel / 10MHz / 64QAM





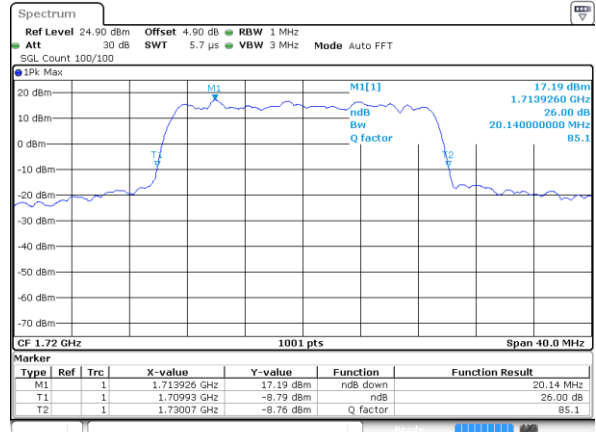
LTE Band 66

Lowest Channel / 15MHz / 64QAM



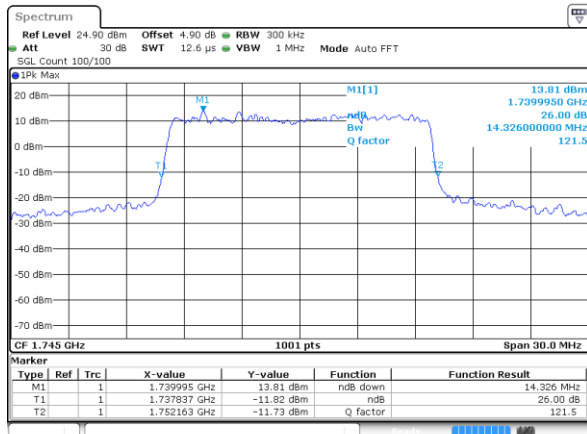
Date: 13 DEC 2017 21:30:09

Lowest Channel / 20MHz / 64QAM



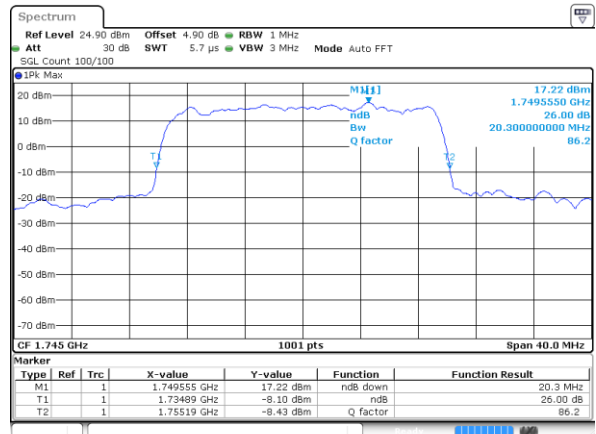
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Middle Channel / 15MHz / 64QAM



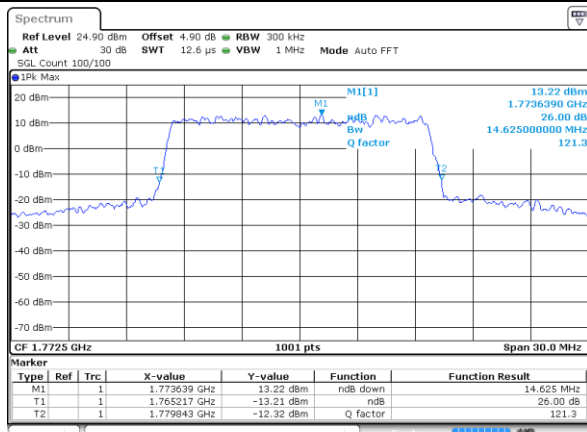
Date: 13 DEC 2017 21:30:39

Middle Channel / 20MHz / 64QAM



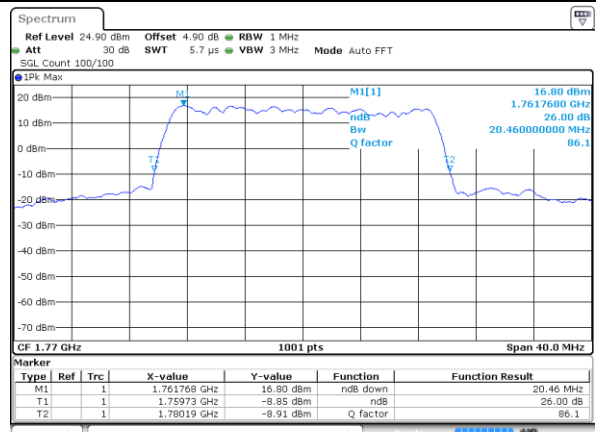
Date: 13 DEC 2017 21:47:36

Highest Channel / 15MHz / 64QAM



Date: 13 DEC 2017 21:32:13

Highest Channel / 20MHz / 64QAM



Date: 13 DEC 2017 21:49:09



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	1.10	2.72	2.71	4.48	4.49	9.05	8.97	13.49	13.43	18.38	18.30
Middle CH	1.09	1.09	2.72	2.73	4.48	4.51	9.03	9.01	13.46	13.43	18.42	18.26
Highest CH	1.09	1.09	2.71	2.72	4.50	4.49	9.05	8.99	13.43	13.49	18.34	18.50
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		2.72		4.48		9.01		13.49		18.46	
Middle CH	1.09		2.72		4.49		9.03		13.46		18.34	
Highest CH	1.09		2.73		4.49		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	1.09	1.09	2.72	2.73	4.49	4.49	9.07	9.03	13.46	13.46	18.62	18.34
Middle CH	1.09	1.09	2.73	2.72	4.52	4.51	9.03	9.01	13.46	13.52	18.34	18.42
Highest CH	1.09	1.09	2.72	2.73	4.49	4.49	9.01	9.01	13.52	13.49	18.30	18.42
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		2.74		4.50		9.01		13.49		18.38	
Middle CH	1.08		2.71		4.52		9.05		13.46		18.42	
Highest CH	1.09		2.70		4.48		9.03		13.43		18.46	

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	1.09	1.09	2.70	2.72	4.48	4.49	9.03	8.99	1.09	2.73	4.49	9.01
Middle CH	1.08	1.09	2.73	2.71	4.50	4.49	8.97	9.05	1.09	2.72	4.49	9.09
Highest CH	1.09	1.09	2.72	2.72	4.48	4.50	9.03	9.03	1.09	2.72	4.54	8.99



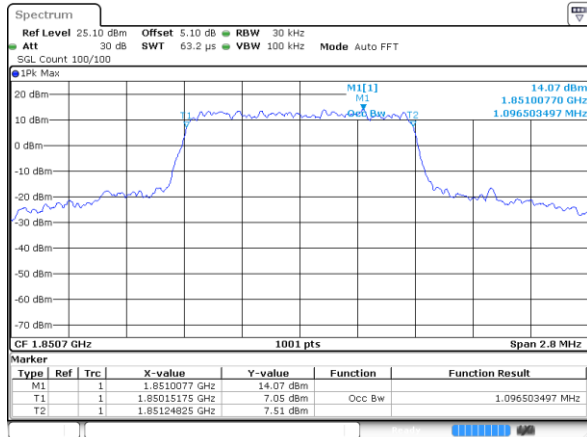
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.10	2.71	2.74	4.51	4.51	9.05	9.07	1.08	2.72	4.47	9.03
Middle CH	1.09	1.09	2.73	2.73	4.49	4.47	8.99	8.99	1.09	2.72	4.50	9.07
Highest CH	1.09	1.09	2.72	2.72	4.47	4.49	9.05	9.01	1.09	2.73	4.50	9.01

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	2.72	2.73	4.49	4.51	9.03	9.01	13.46	13.49	18.46	18.34
Middle CH	1.10	1.09	2.72	2.72	4.50	4.49	9.05	9.03	13.52	13.52	18.38	18.38
Highest CH	1.09	1.09	2.74	2.72	4.48	4.48	9.03	9.01	13.37	13.43	18.46	18.38
BW		1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz
Mod.		64QAM		64QAM		64QAM		64QAM		64QAM		64QAM
Lowest CH		1.08		2.72		4.49		9.01		13.40		18.42
Middle CH		1.09		2.72		4.50		9.05		13.43		18.38
Highest CH		1.09		2.72		4.48		9.01		13.43		18.38

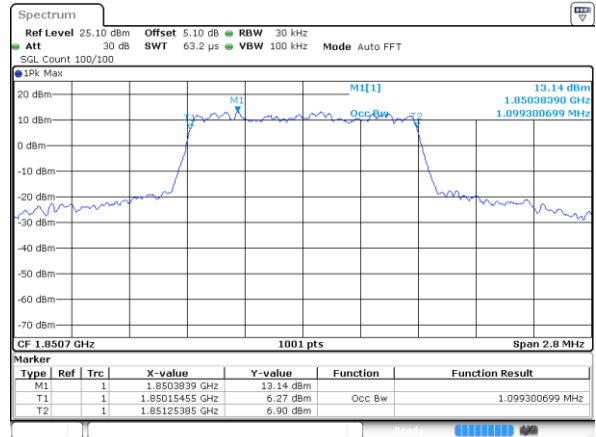


LTE Band 2

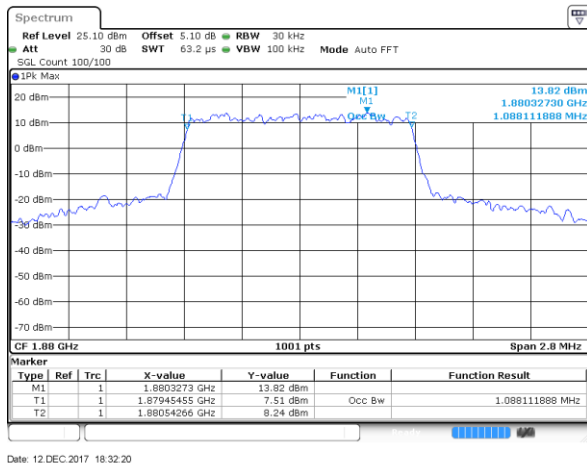
Lowest Channel / 1.4MHz / QPSK



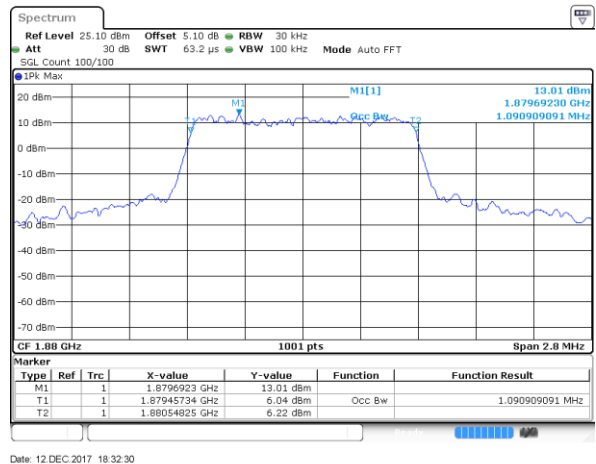
Lowest Channel / 1.4MHz / 16QAM



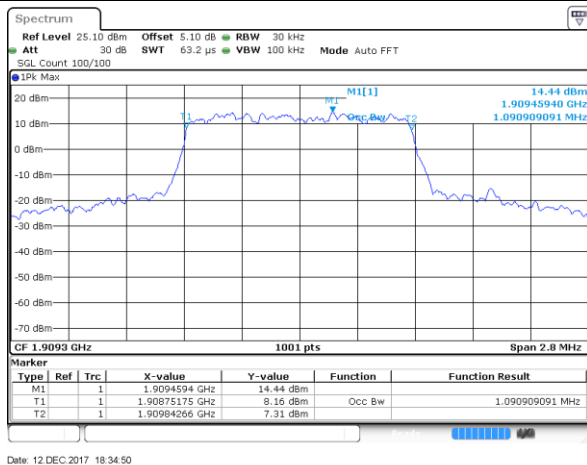
Middle Channel / 1.4MHz / QPSK



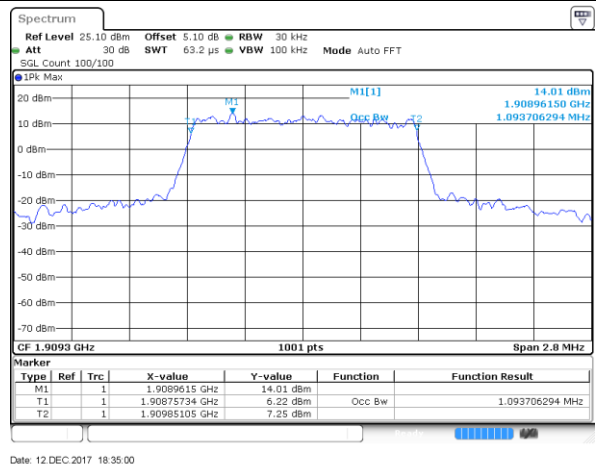
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



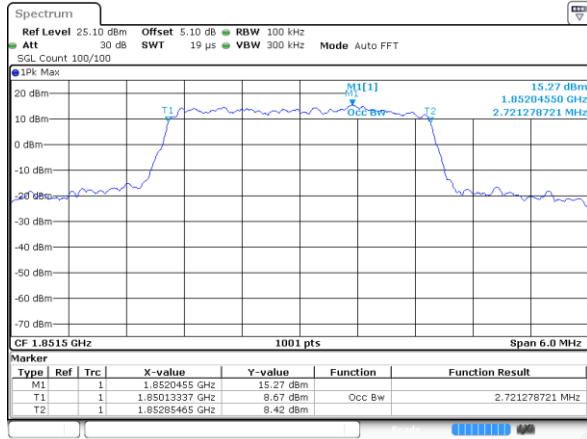
Highest Channel / 1.4MHz / 16QAM



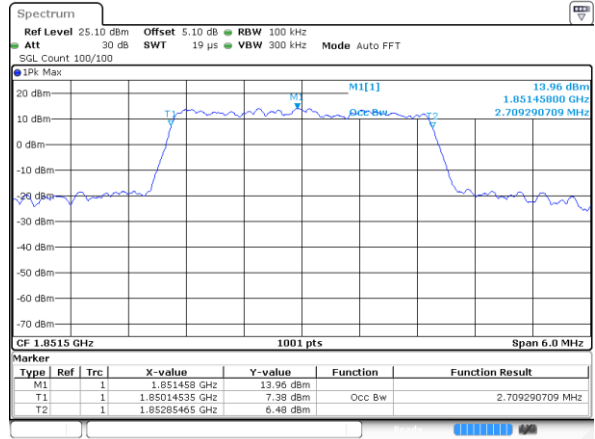


LTE Band 2

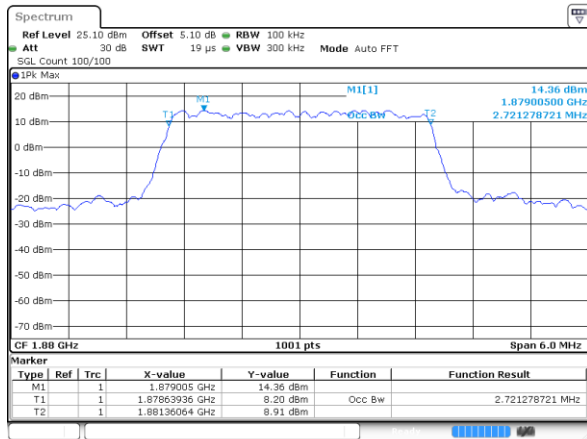
Lowest Channel / 3MHz / QPSK



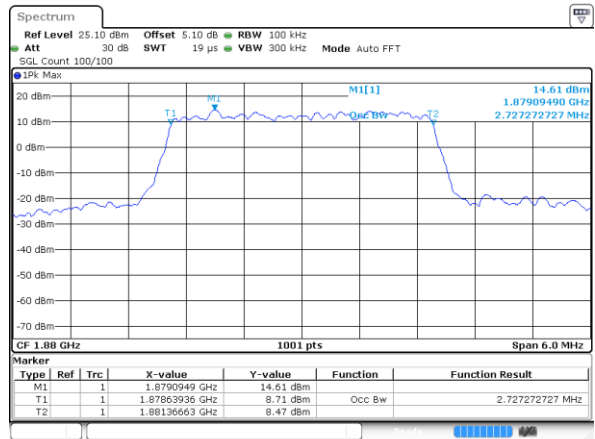
Lowest Channel / 3MHz / 16QAM



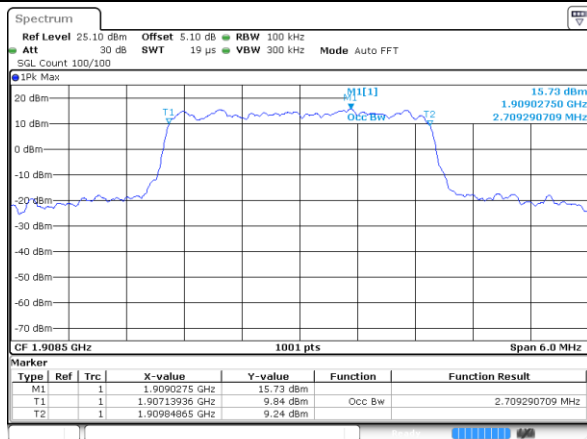
Middle Channel / 3MHz / QPSK



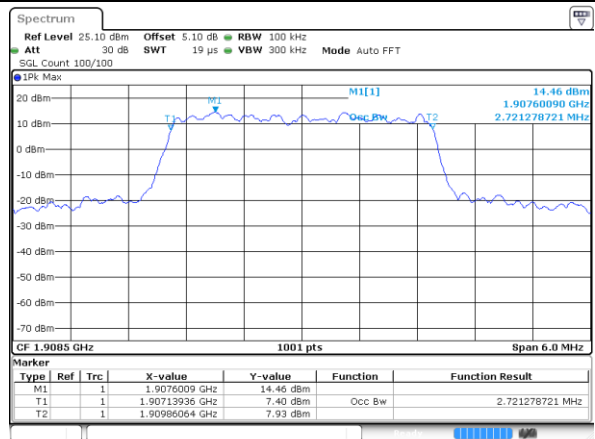
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



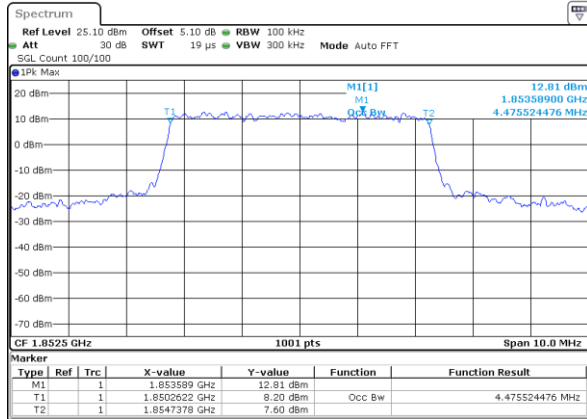
Highest Channel / 3MHz / 16QAM





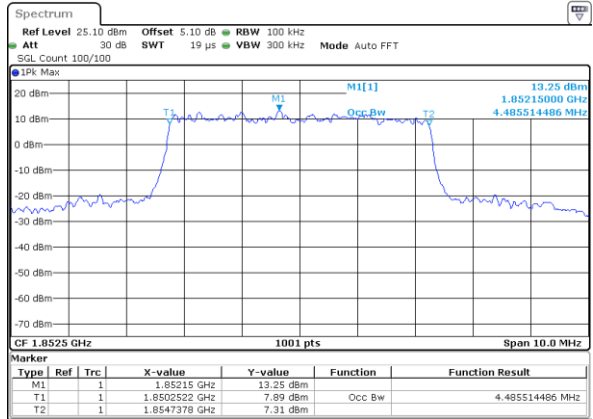
LTE Band 2

Lowest Channel / 5MHz / QPSK



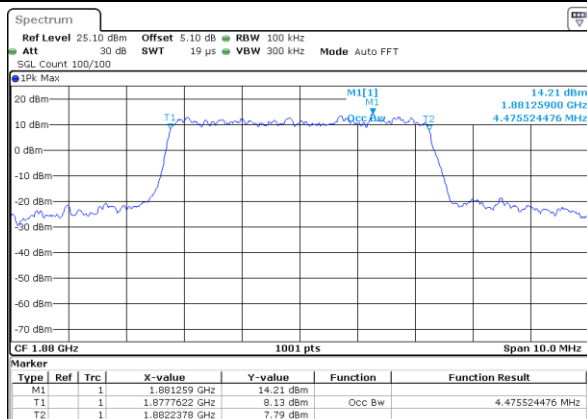
Date: 12 DEC 2017 18:58:21

Lowest Channel / 5MHz / 16QAM



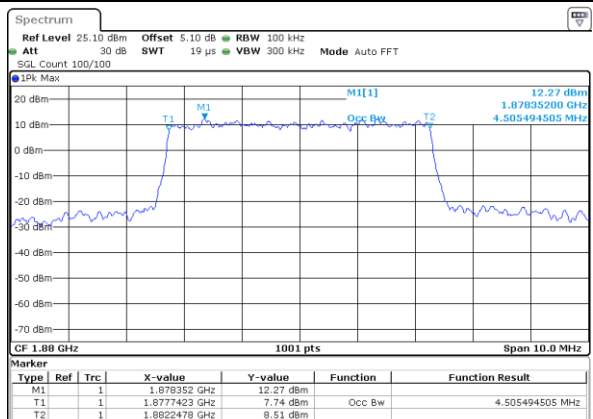
Date: 12 DEC 2017 18:58:31

Middle Channel / 5MHz / QPSK



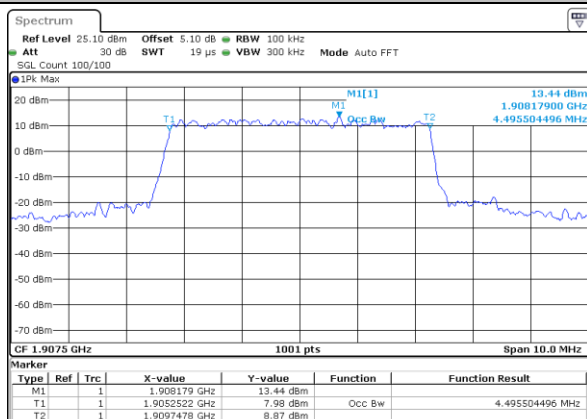
Date: 12 DEC 2017 19:05:22

Middle Channel / 5MHz / 16QAM



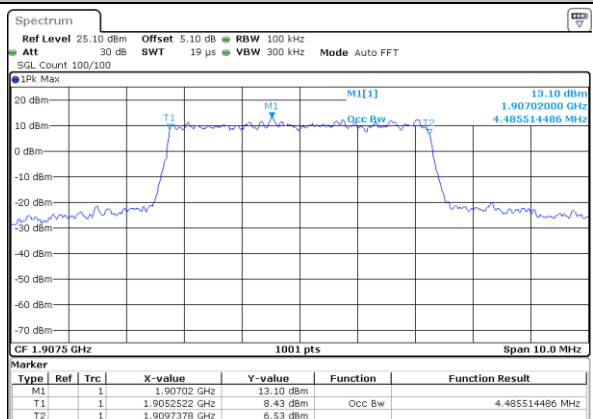
Date: 12 DEC 2017 19:05:32

Highest Channel / 5MHz / QPSK



Date: 12 DEC 2017 19:07:52

Highest Channel / 5MHz / 16QAM

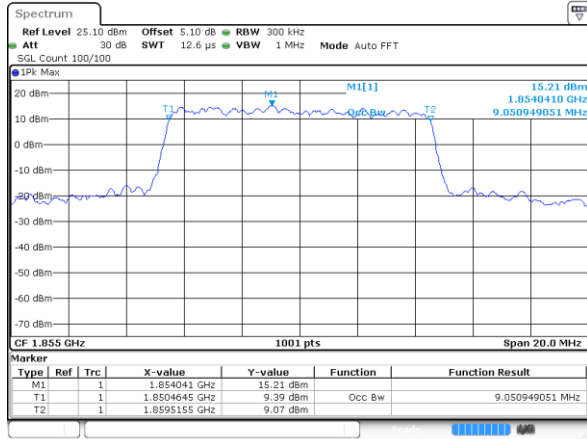


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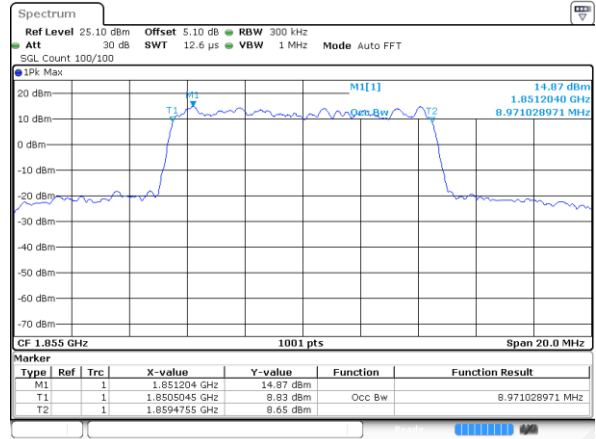


LTE Band 2

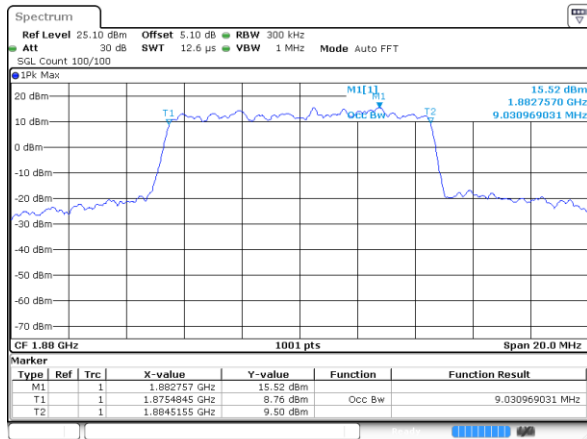
Lowest Channel / 10MHz / QPSK



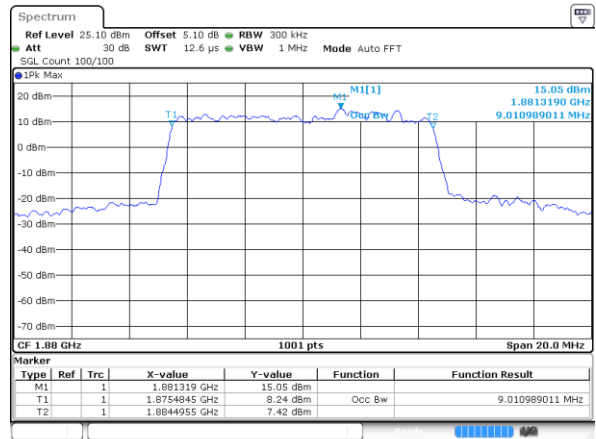
Lowest Channel / 10MHz / 16QAM



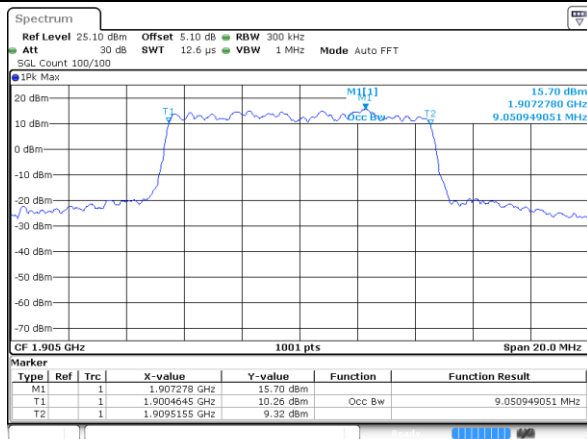
Middle Channel / 10MHz / QPSK



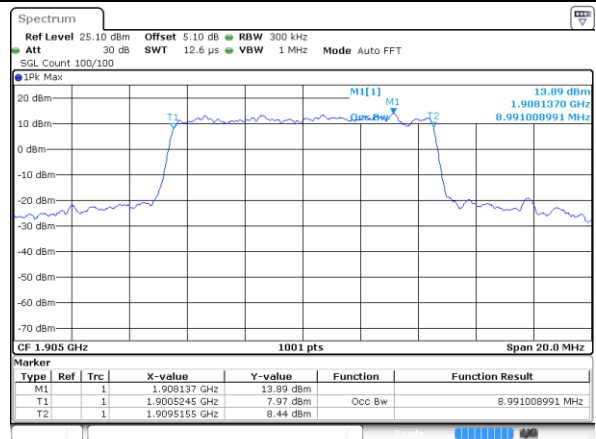
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



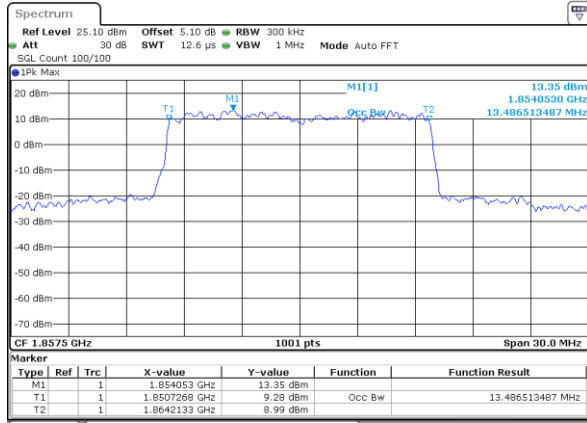
Highest Channel / 10MHz / 16QAM



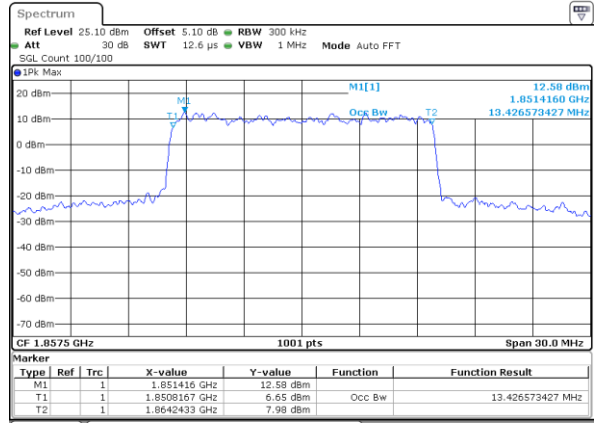


LTE Band 2

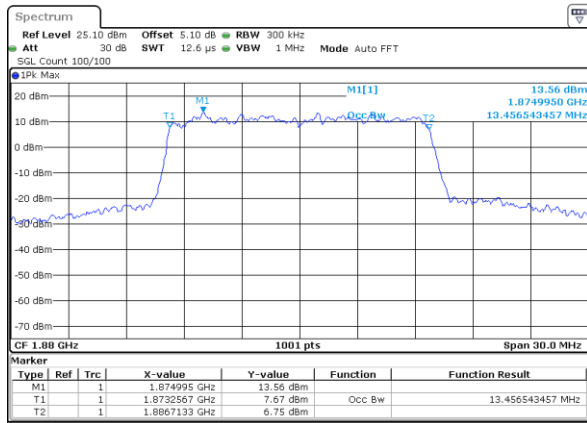
Lowest Channel / 15MHz / QPSK



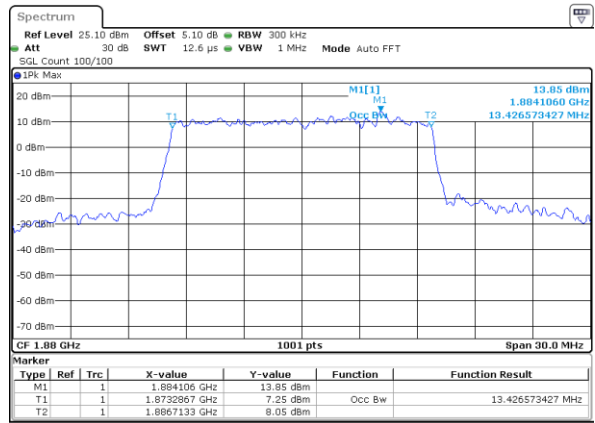
Lowest Channel / 15MHz / 16QAM



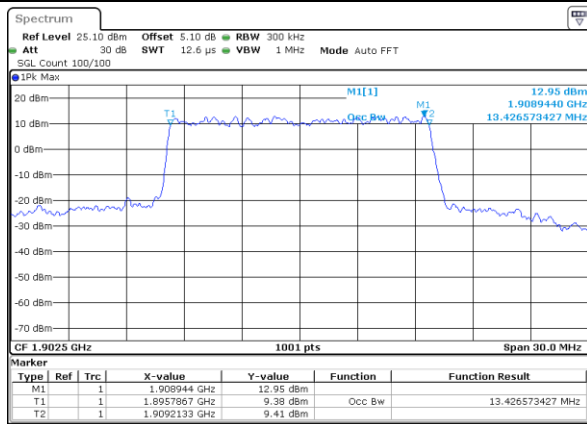
Middle Channel / 15MHz / QPSK



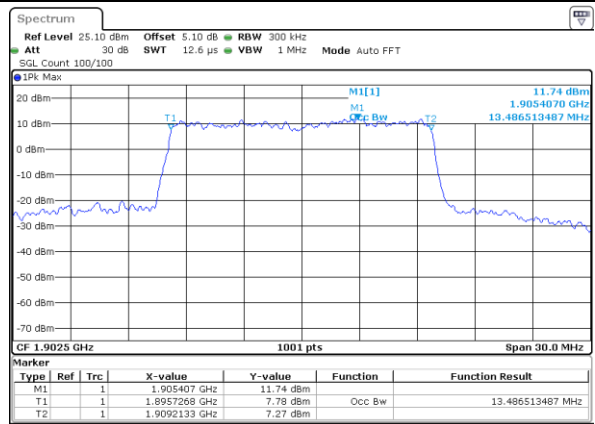
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



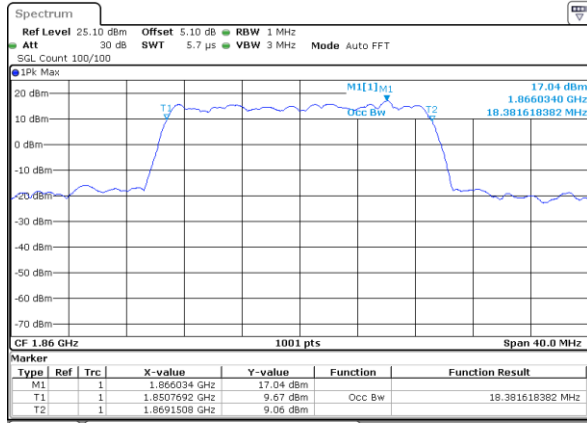
Highest Channel / 15MHz / 16QAM



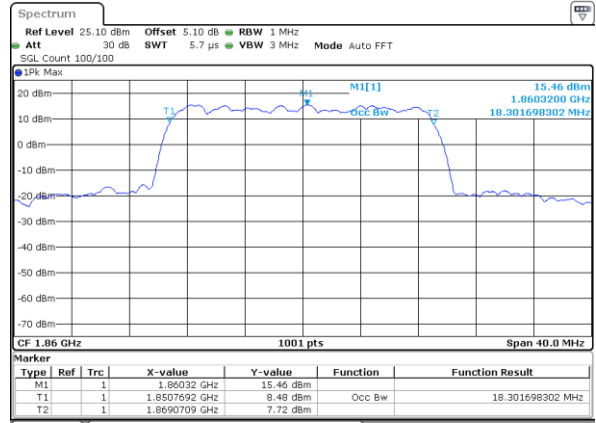


LTE Band 2

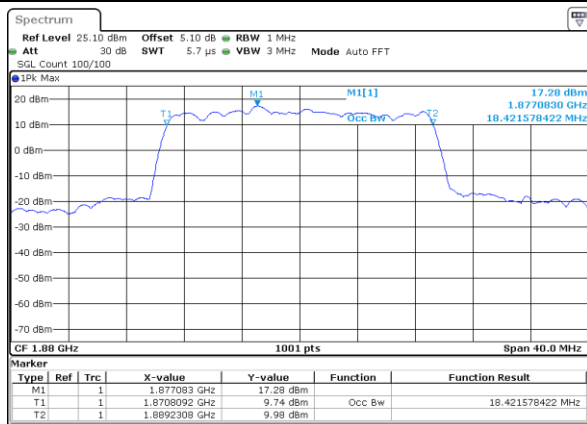
Lowest Channel / 20MHz / QPSK



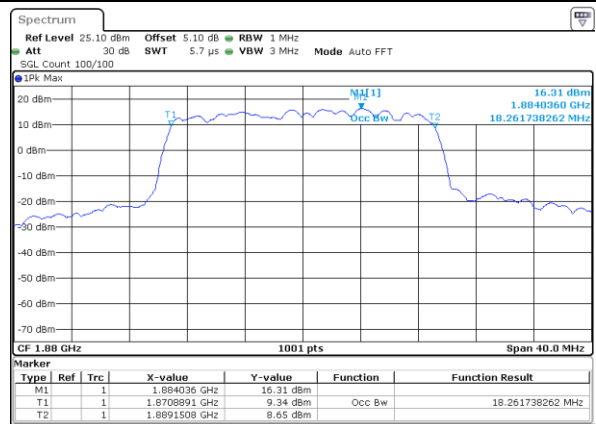
Lowest Channel / 20MHz / 16QAM



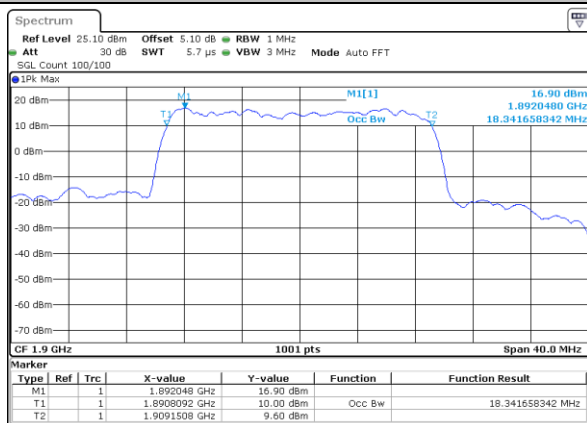
Middle Channel / 20MHz / QPSK



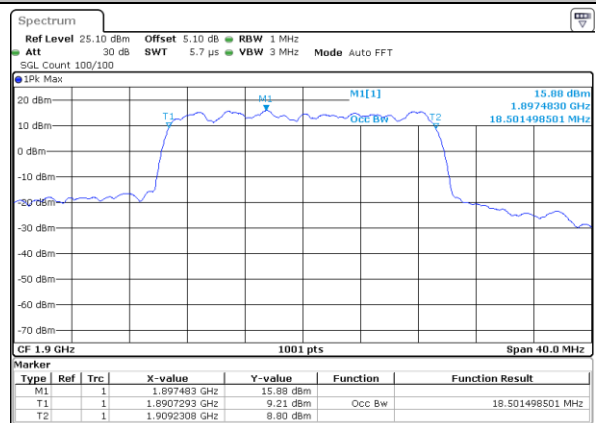
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



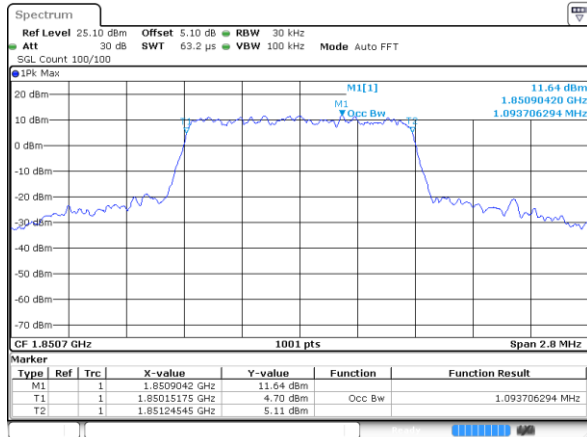
Highest Channel / 20MHz / 16QAM



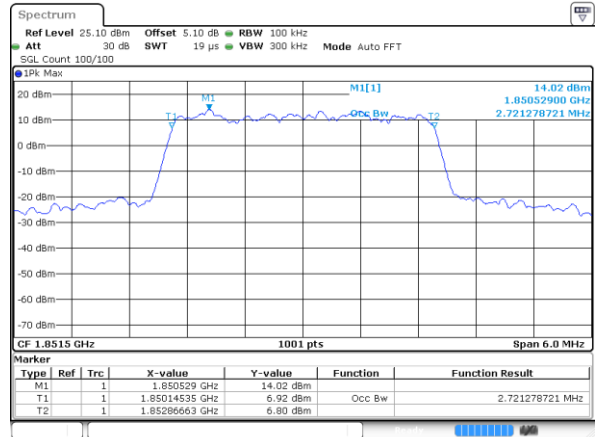


LTE Band 2

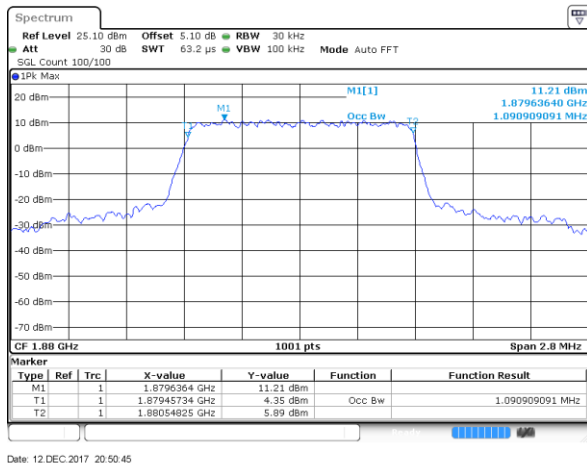
Lowest Channel / 1.4MHz / 64QAM



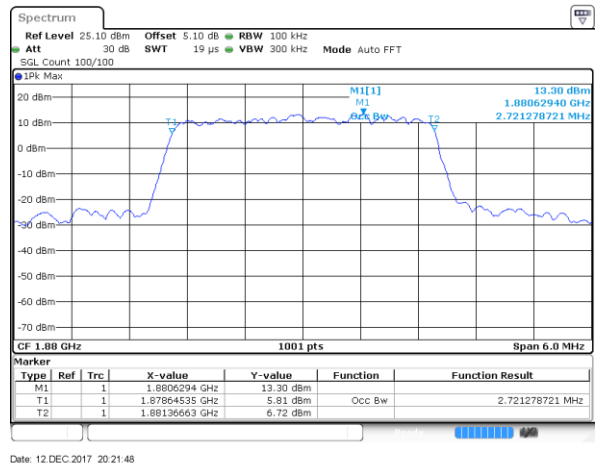
Lowest Channel / 3MHz / 64QAM



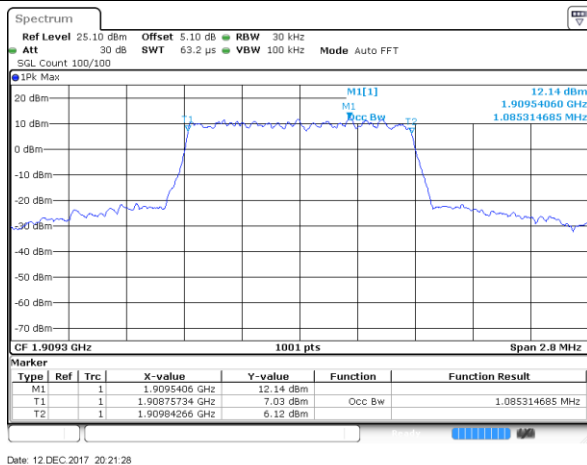
Middle Channel / 1.4MHz / 64QAM



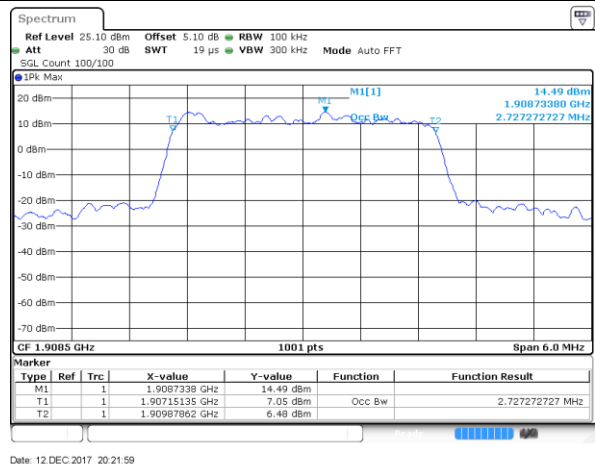
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



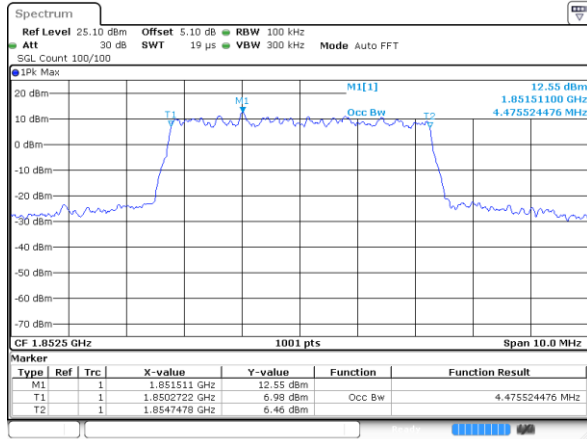
Highest Channel / 3MHz / 64QAM



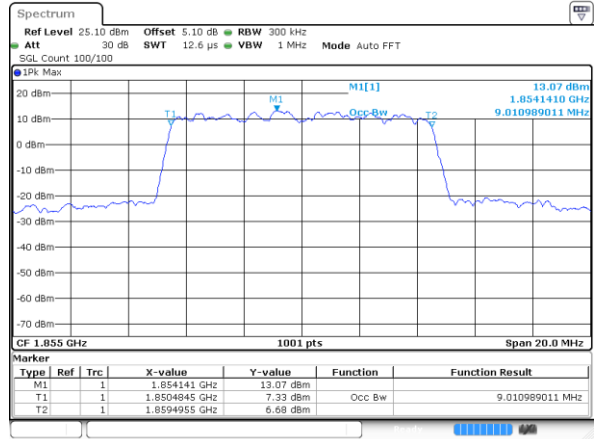


LTE Band 2

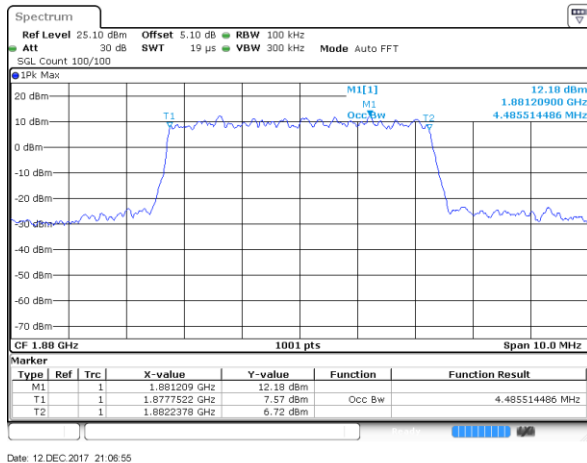
Lowest Channel / 5MHz / 64QAM



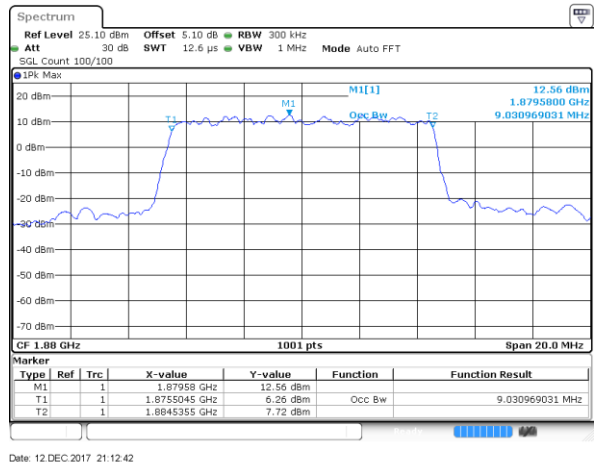
Lowest Channel / 10MHz / 64QAM



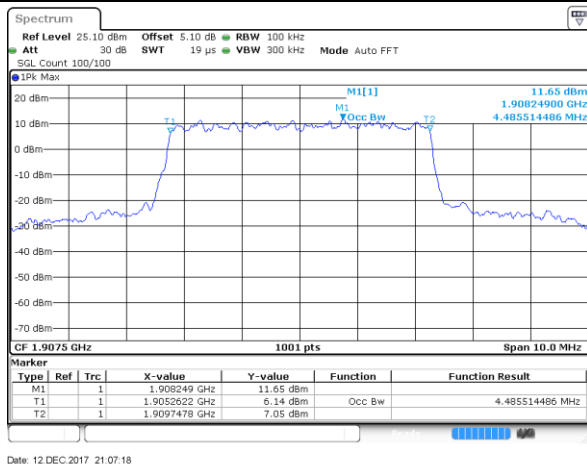
Middle Channel / 5MHz / 64QAM



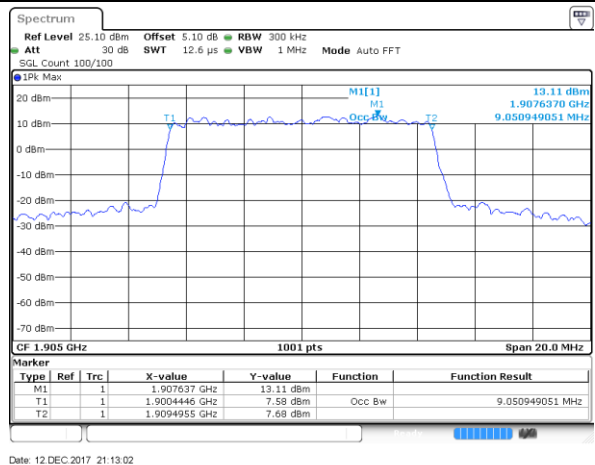
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



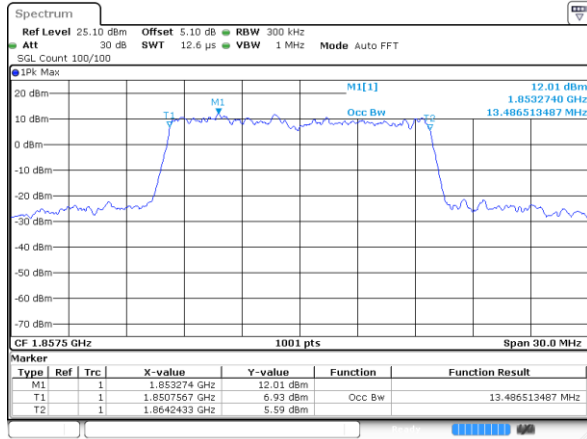
Highest Channel / 10MHz / 64QAM



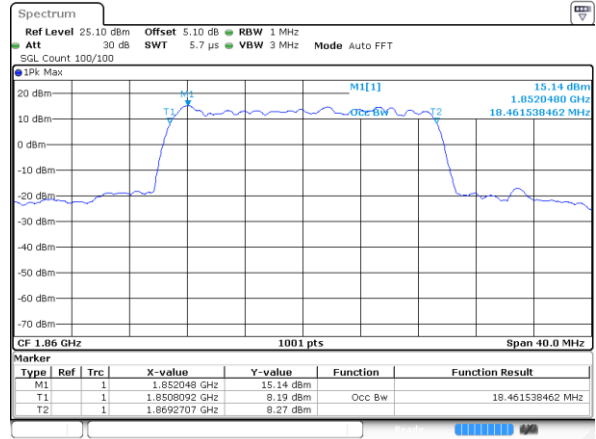


LTE Band 2

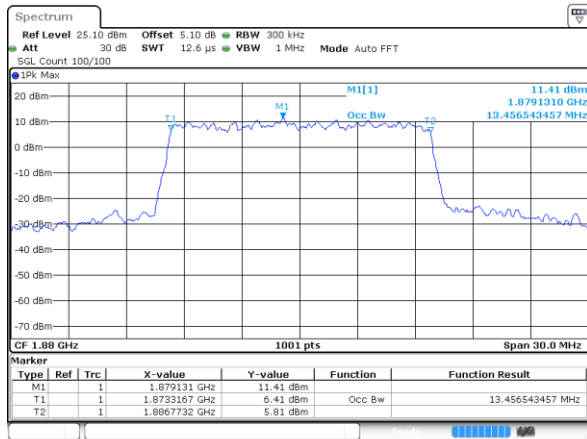
Lowest Channel / 15MHz / 64QAM



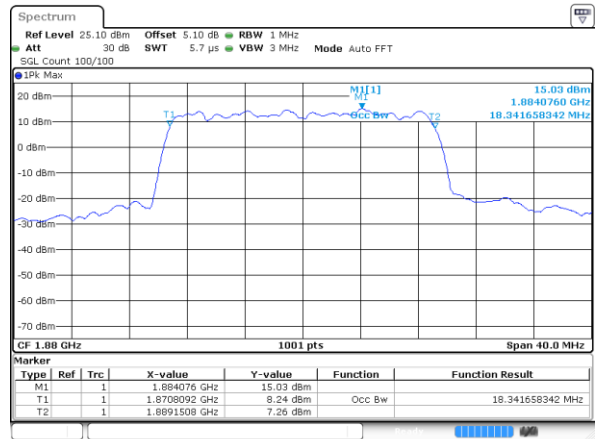
Lowest Channel / 20MHz / 64QAM



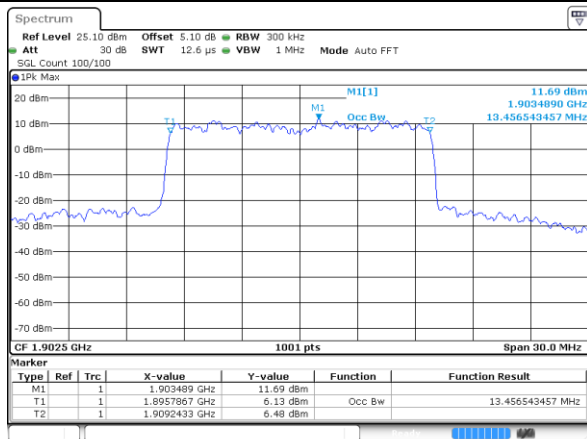
Middle Channel / 15MHz / 64QAM



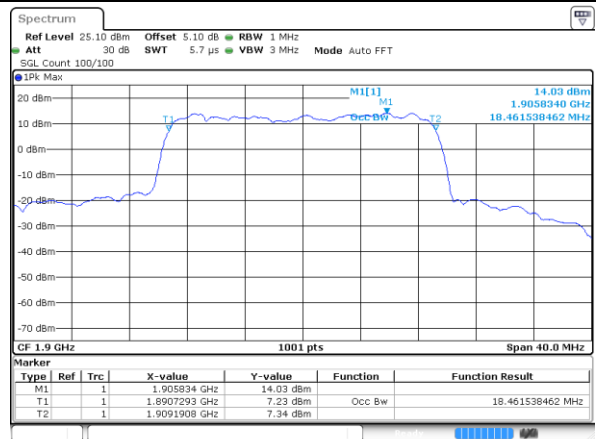
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



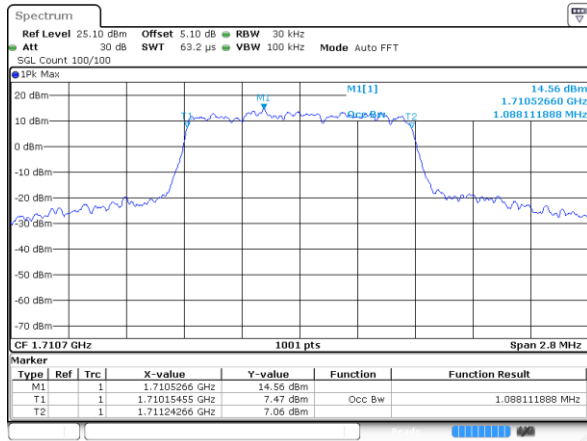
Highest Channel / 20MHz / 64QAM



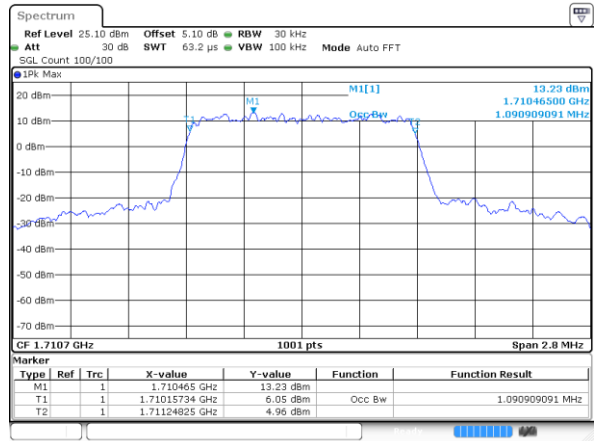


LTE Band 4

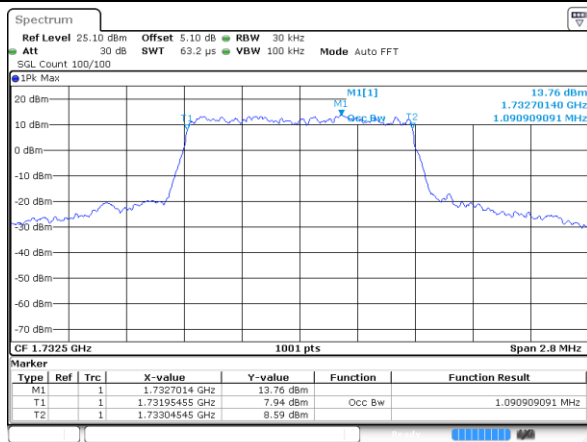
Lowest Channel / 1.4MHz / QPSK



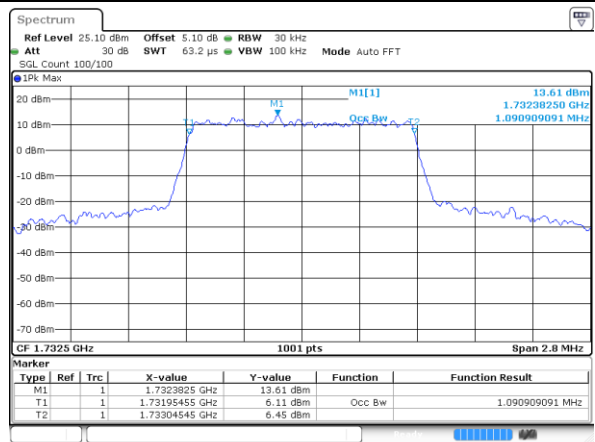
Lowest Channel / 1.4MHz / 16QAM



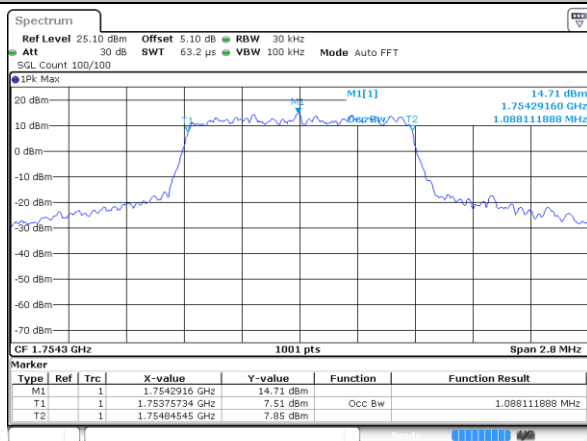
Middle Channel / 1.4MHz / QPSK



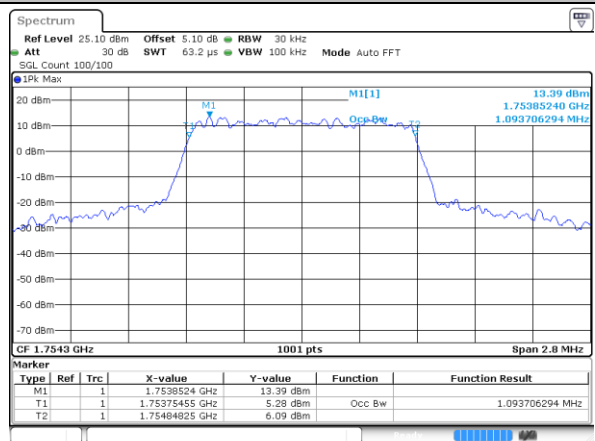
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



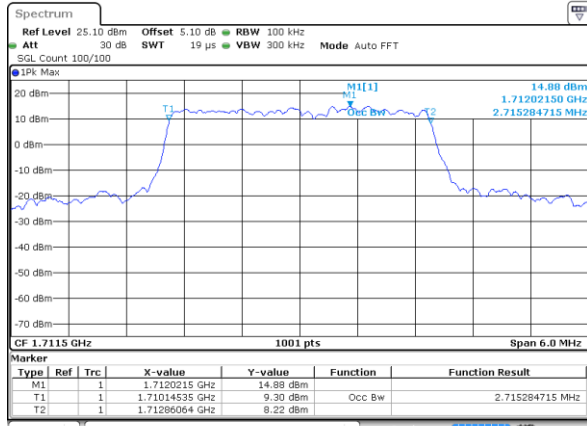
Highest Channel / 1.4MHz / 16QAM



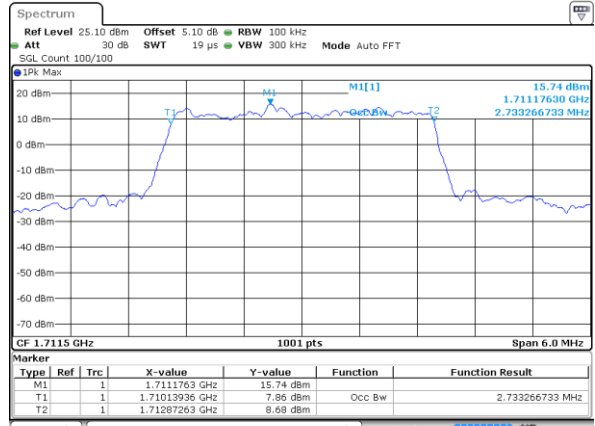


LTE Band 4

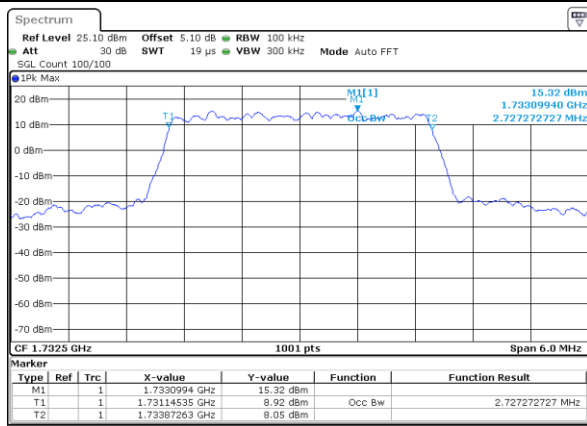
Lowest Channel / 3MHz / QPSK



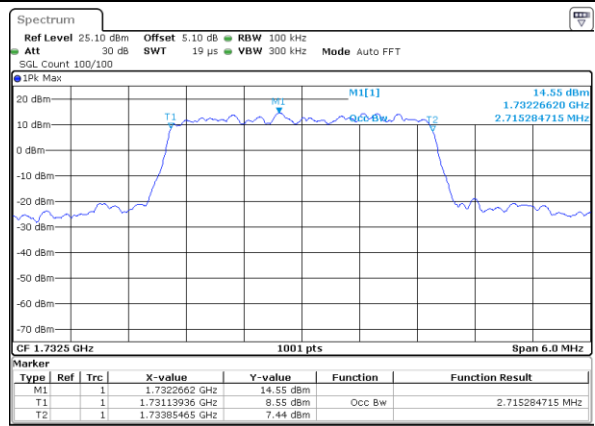
Lowest Channel / 3MHz / 16QAM



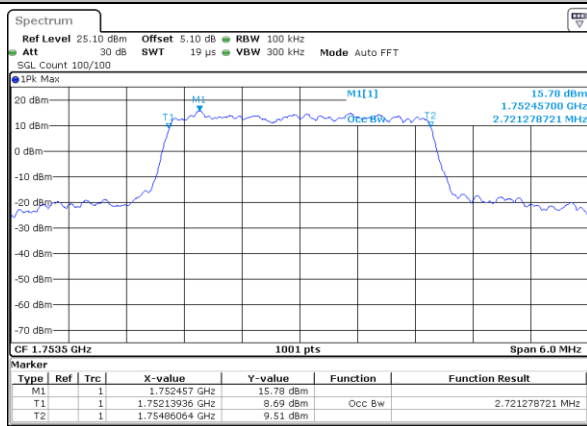
Middle Channel / 3MHz / QPSK



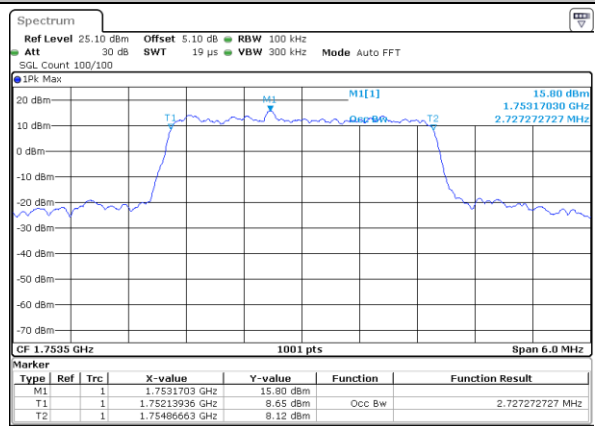
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



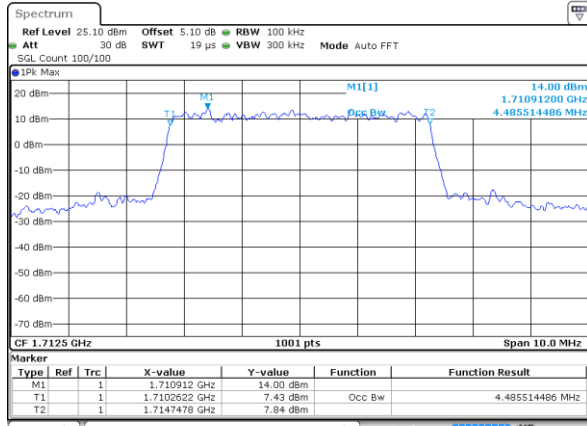
Highest Channel / 3MHz / 16QAM





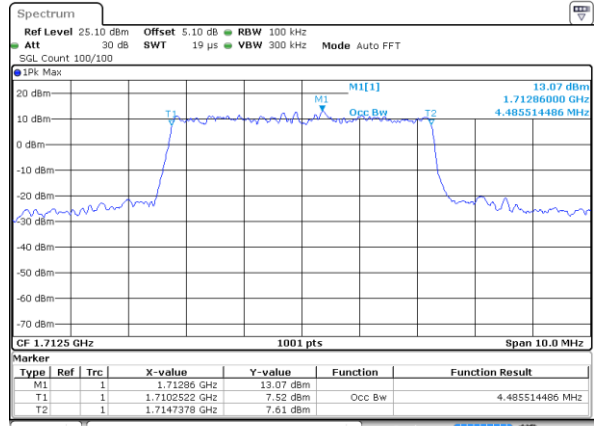
LTE Band 4

Lowest Channel / 5MHz / QPSK



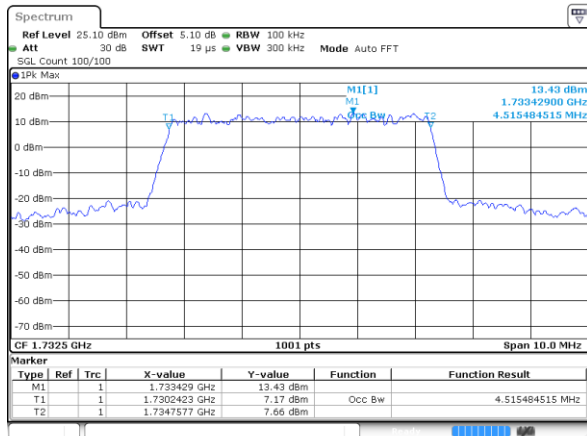
Date: 12 DEC 2017 21:44:24

Lowest Channel / 5MHz / 16QAM



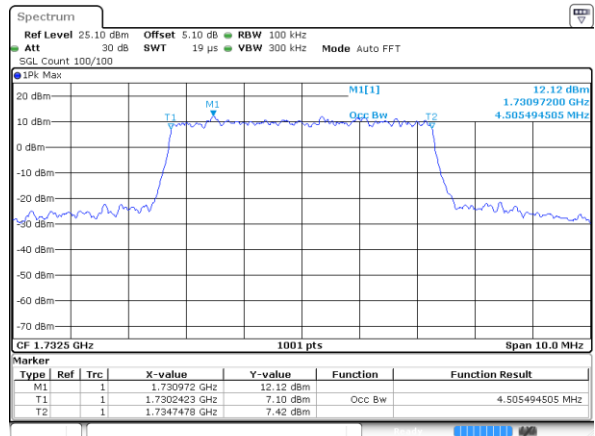
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Middle Channel / 5MHz / QPSK



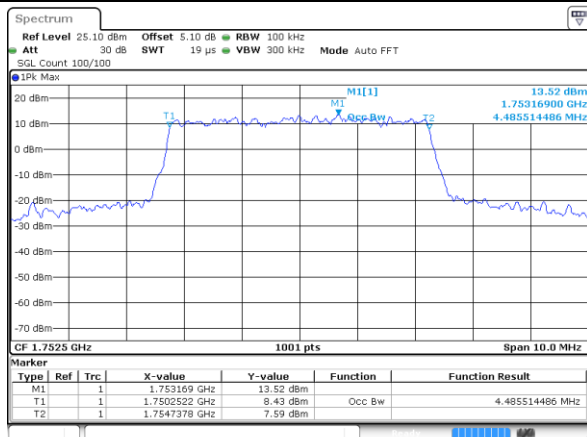
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Middle Channel / 5MHz / 16QAM



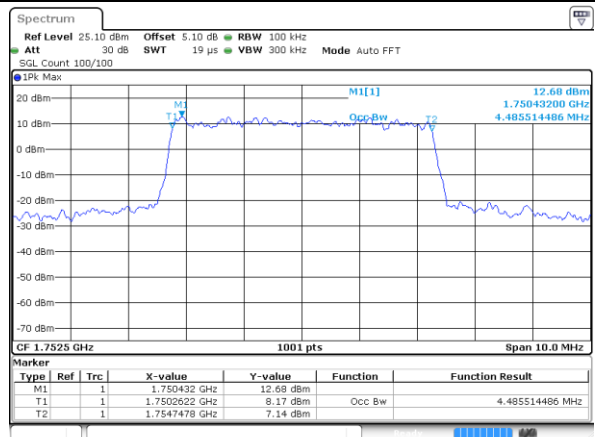
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Highest Channel / 5MHz / QPSK



Date: 12 DEC 2017 21:45:05

Highest Channel / 5MHz / 16QAM

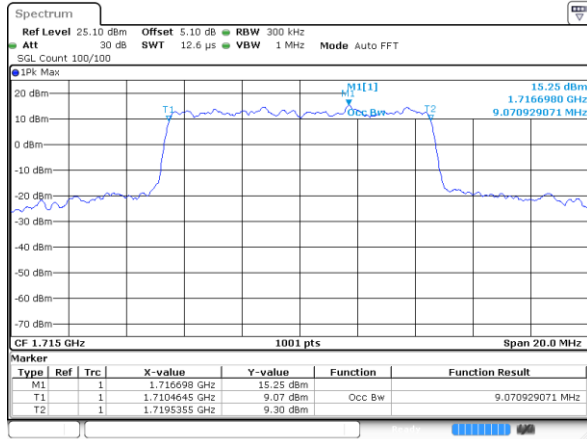


Date: 12 DEC 2017 21:45:15



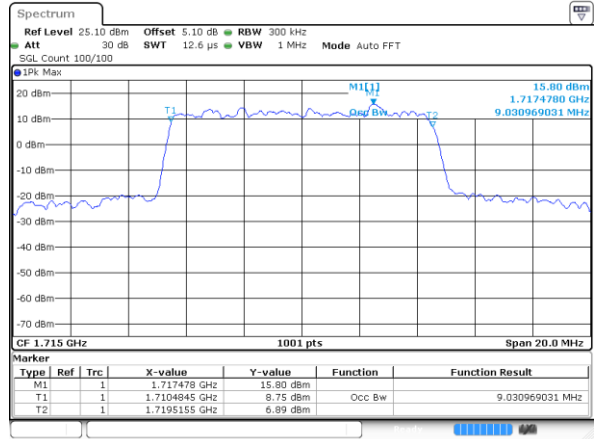
LTE Band 4

Lowest Channel / 10MHz / QPSK



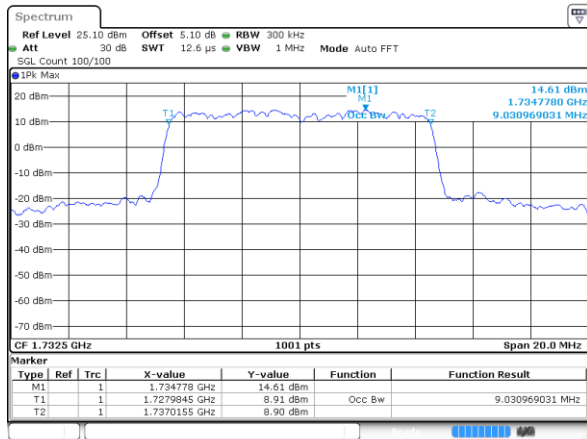
Date: 12 DEC 2017 21:45:25

Lowest Channel / 10MHz / 16QAM



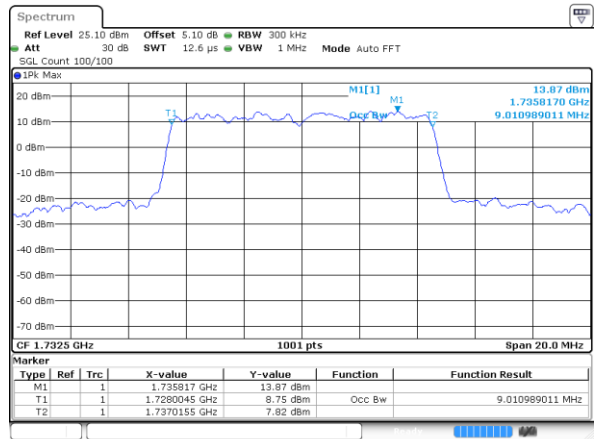
Date: 12 DEC 2017 21:45:35

Middle Channel / 10MHz / QPSK



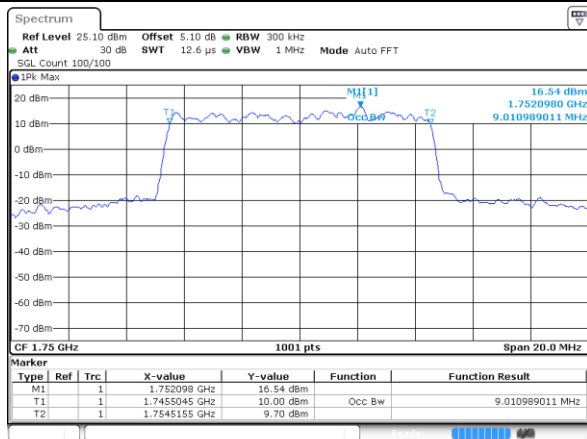
Date: 12 DEC 2017 21:45:45

Middle Channel / 10MHz / 16QAM



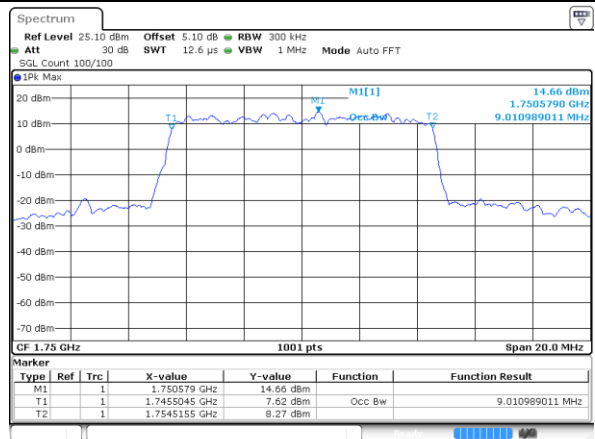
Date: 12 DEC 2017 21:45:56

Highest Channel / 10MHz / QPSK



Date: 12 DEC 2017 21:46:06

Highest Channel / 10MHz / 16QAM

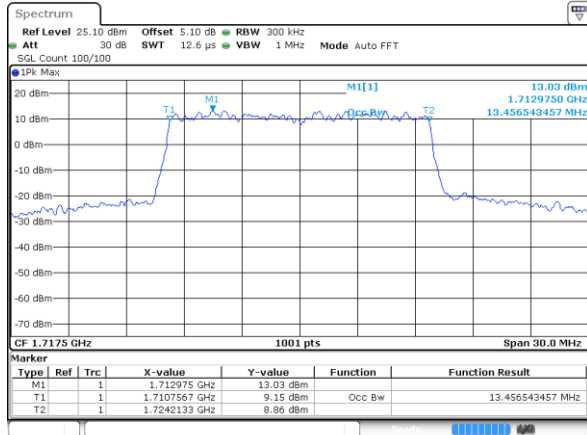


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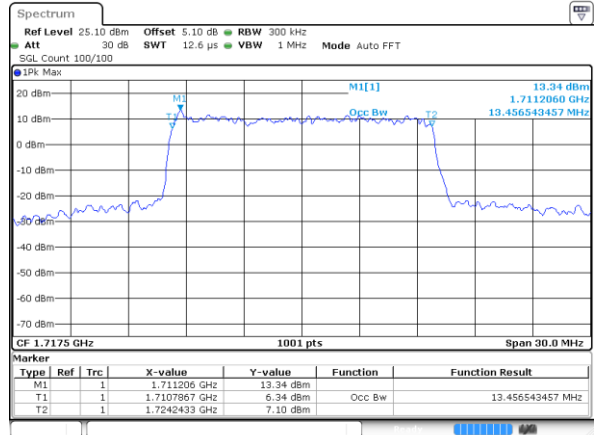


LTE Band 4

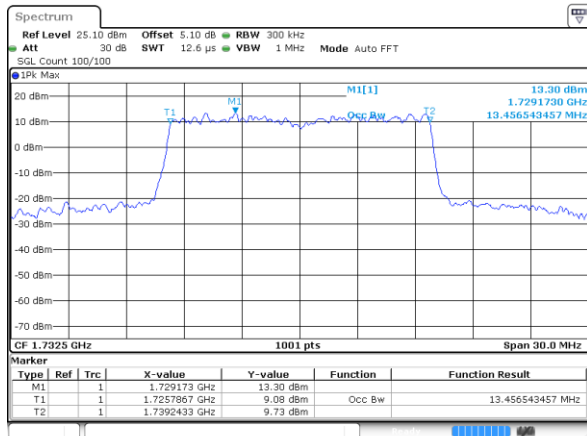
Lowest Channel / 15MHz / QPSK



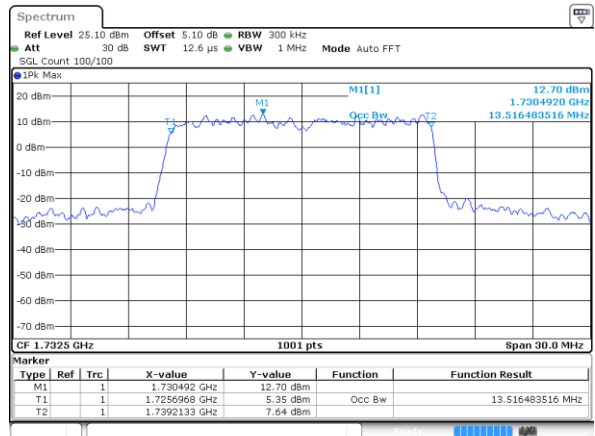
Lowest Channel / 15MHz / 16QAM



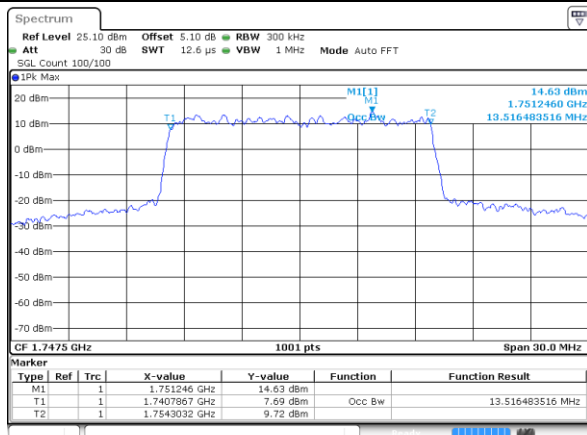
Middle Channel / 15MHz / QPSK



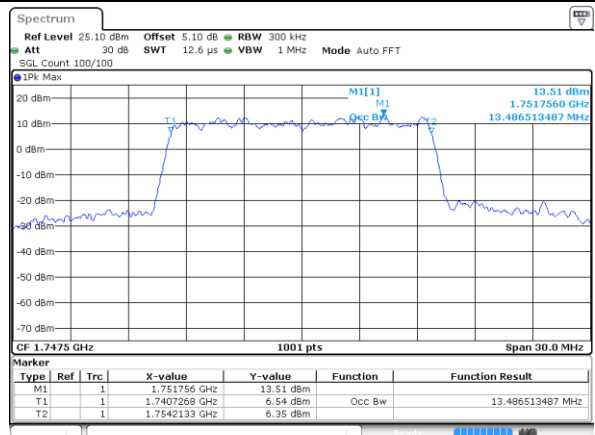
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



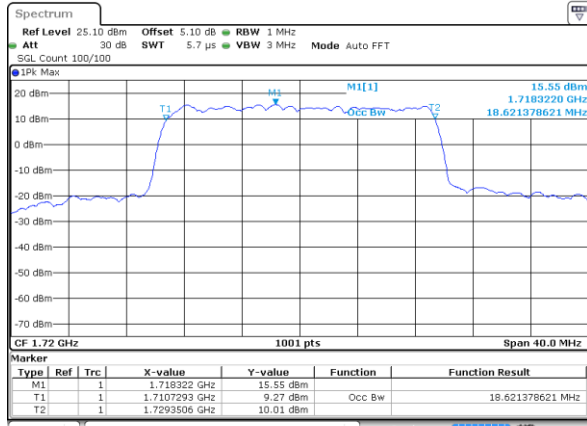
Highest Channel / 15MHz / 16QAM



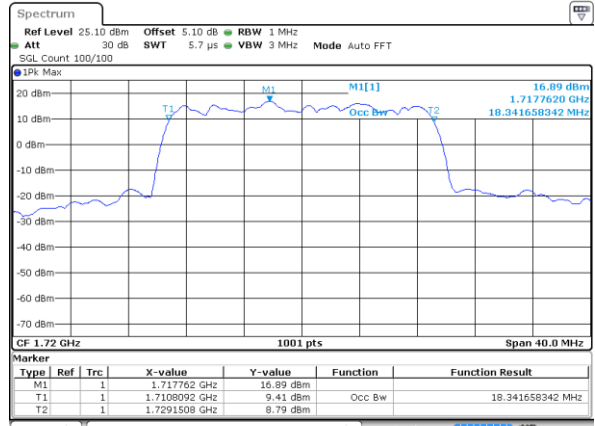


LTE Band 4

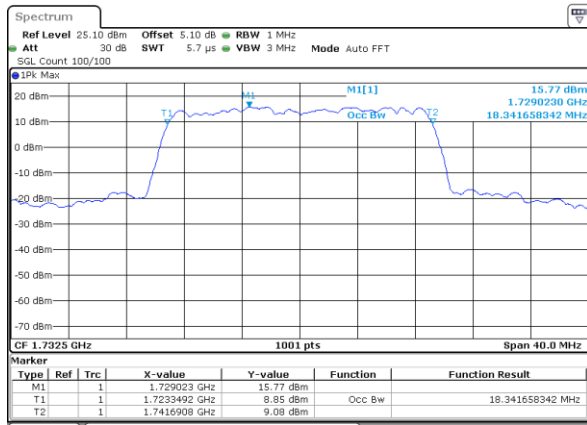
Lowest Channel / 20MHz / QPSK



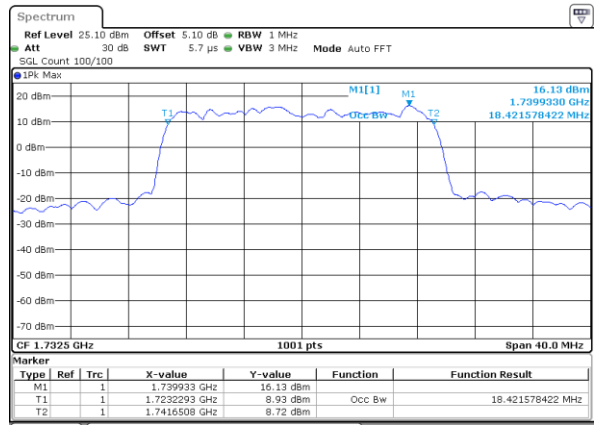
Lowest Channel / 20MHz / 16QAM



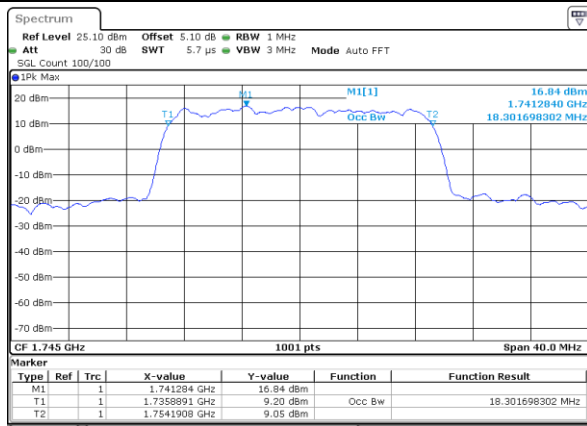
Middle Channel / 20MHz / QPSK



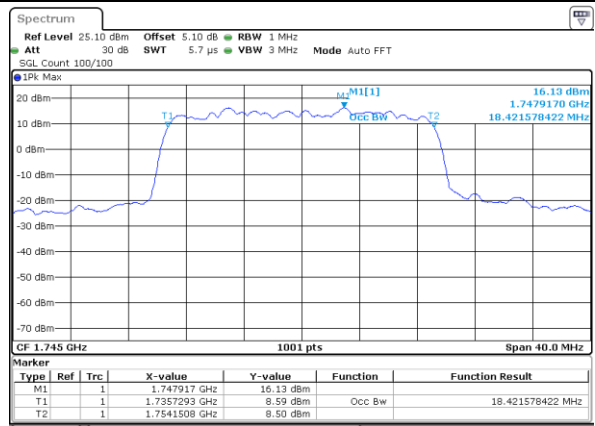
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



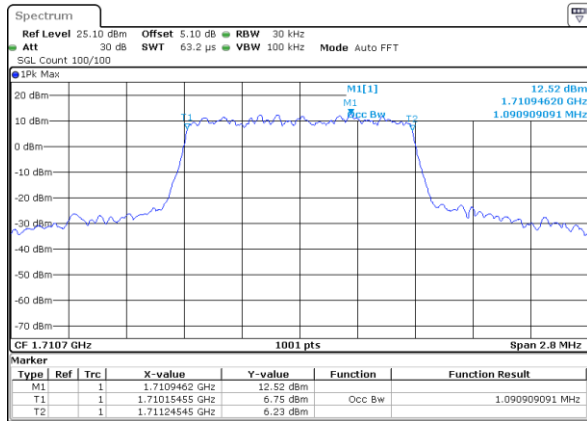
Highest Channel / 20MHz / 16QAM



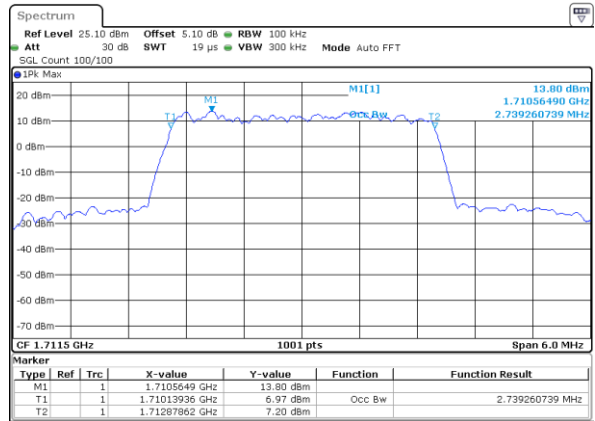


LTE Band 4

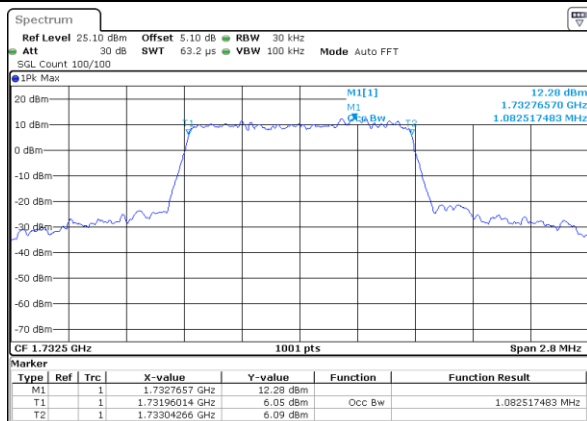
Lowest Channel / 1.4MHz / 64QAM



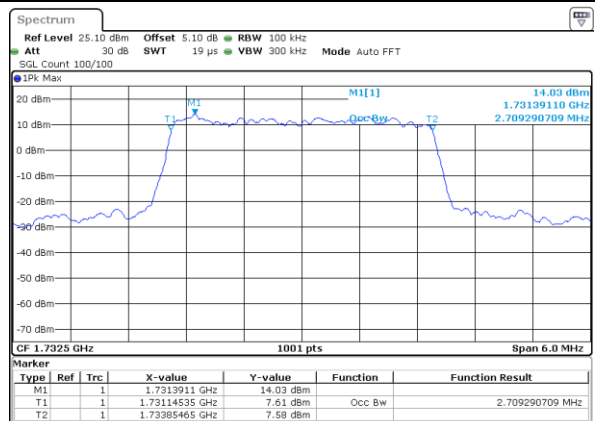
Lowest Channel / 3MHz / 64QAM



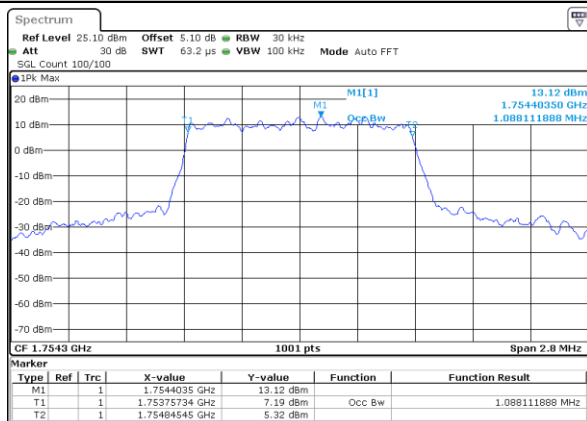
Middle Channel / 1.4MHz / 64QAM



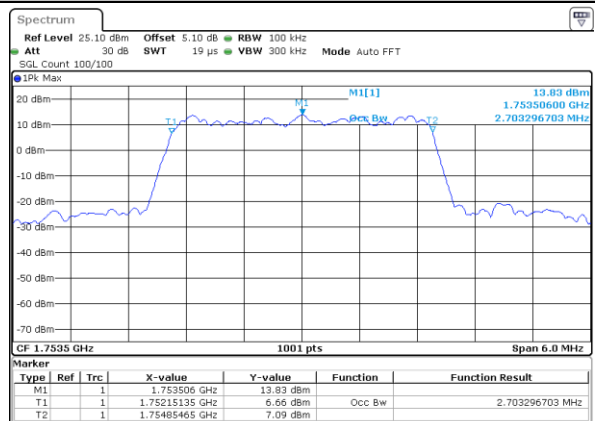
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



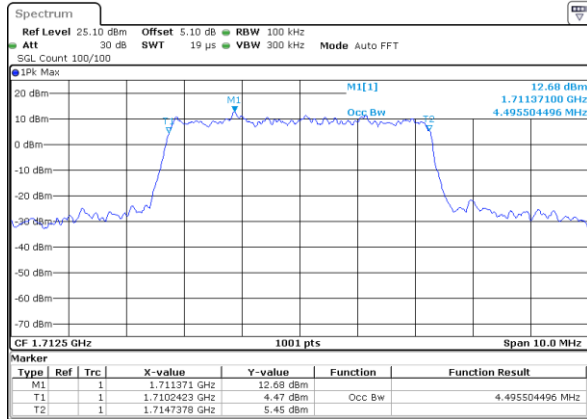
Highest Channel / 3MHz / 64QAM



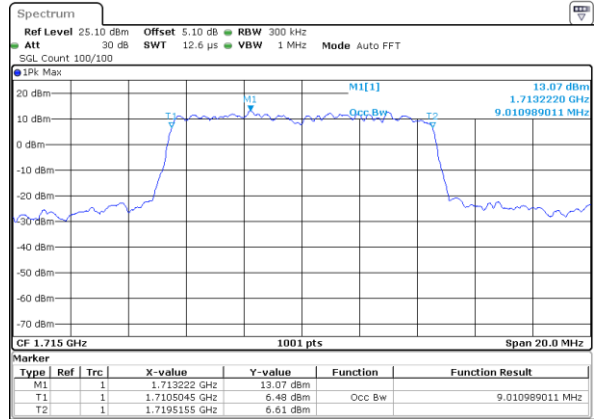


LTE Band 4

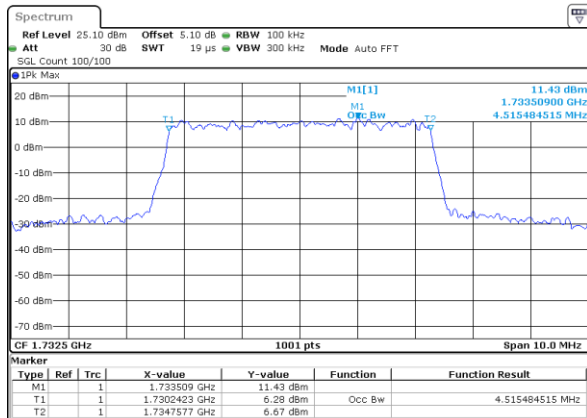
Lowest Channel / 5MHz / 64QAM



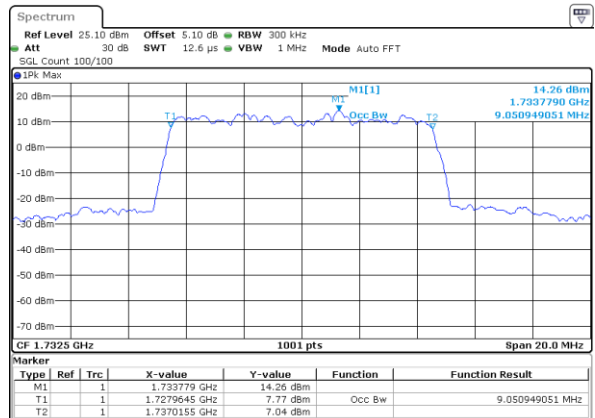
Lowest Channel / 10MHz / 64QAM



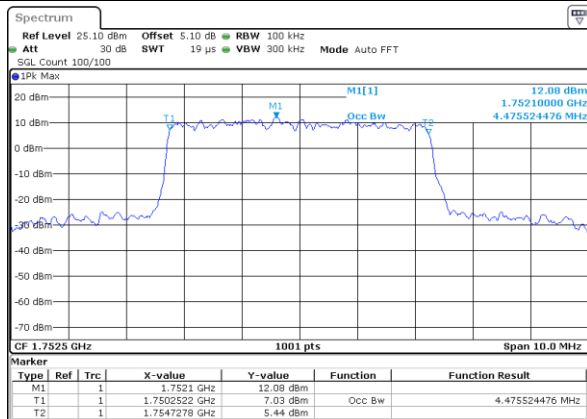
Middle Channel / 5MHz / 64QAM



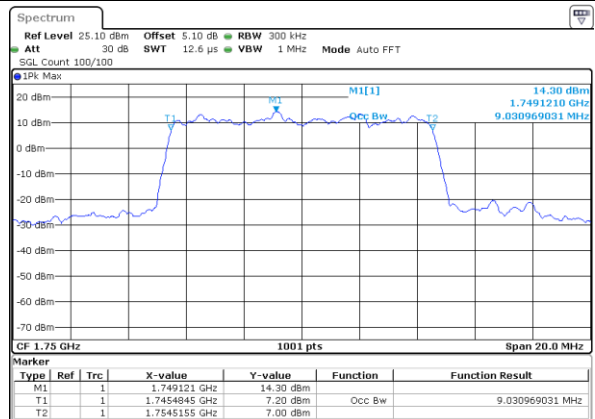
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



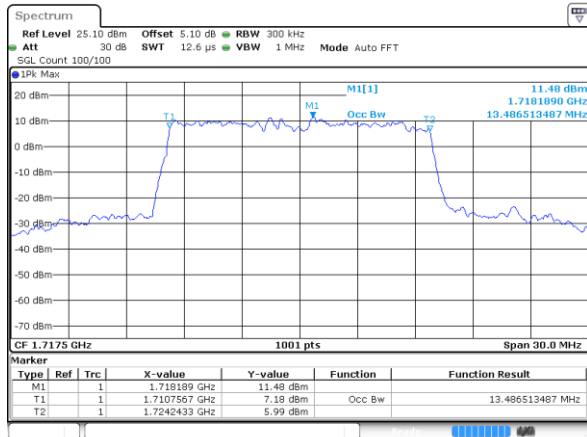
Highest Channel / 10MHz / 64QAM



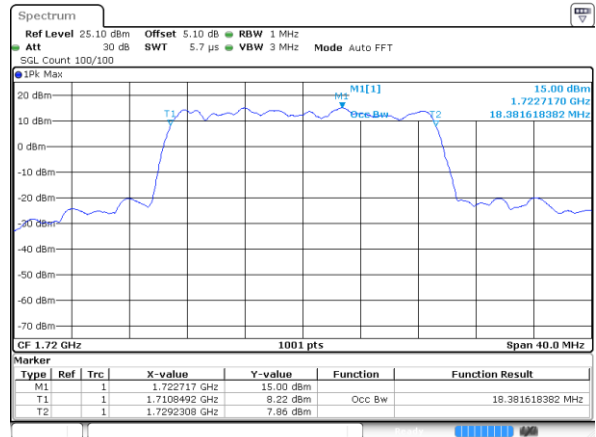


LTE Band 4

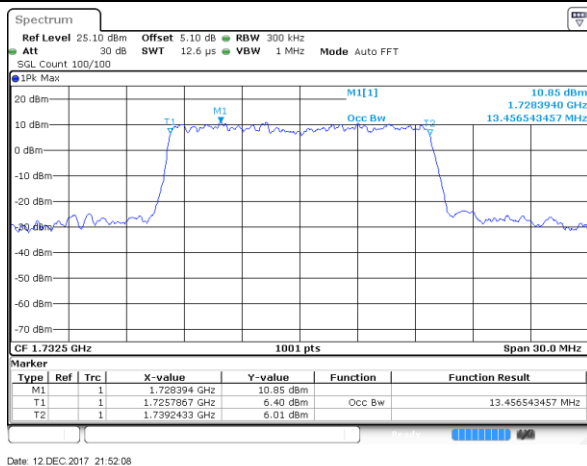
Lowest Channel / 15MHz / 64QAM



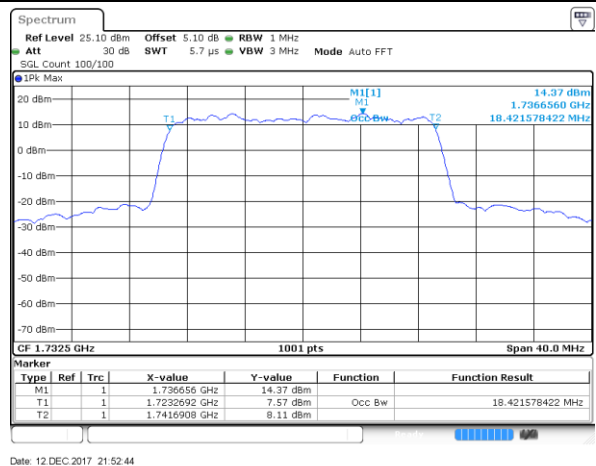
Lowest Channel / 20MHz / 64QAM



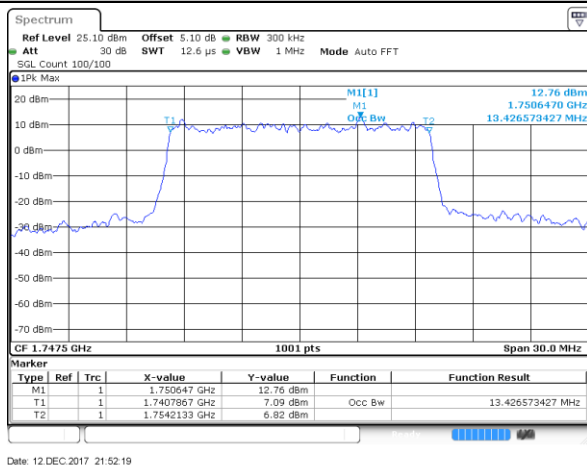
Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

