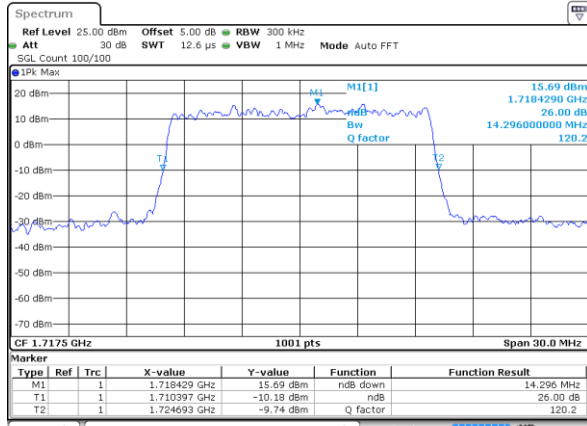


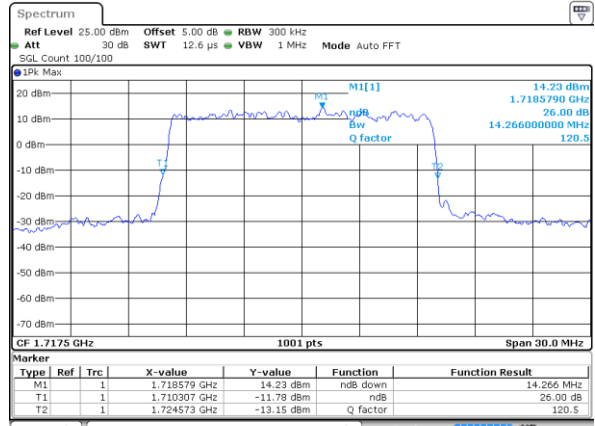


LTE Band 4

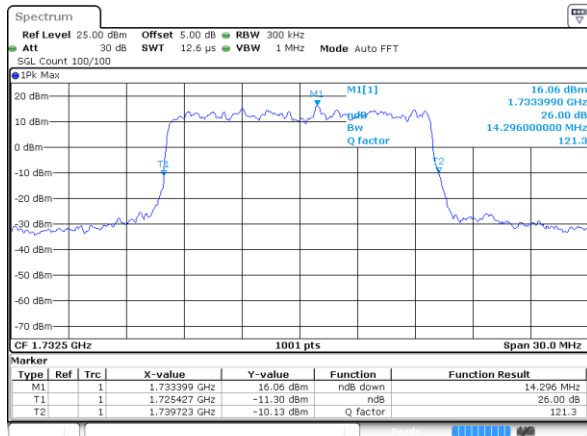
Lowest Channel / 15MHz / QPSK



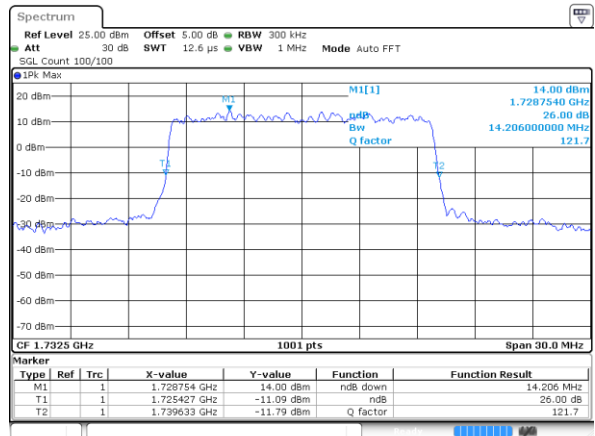
Lowest Channel / 15MHz / 16QAM



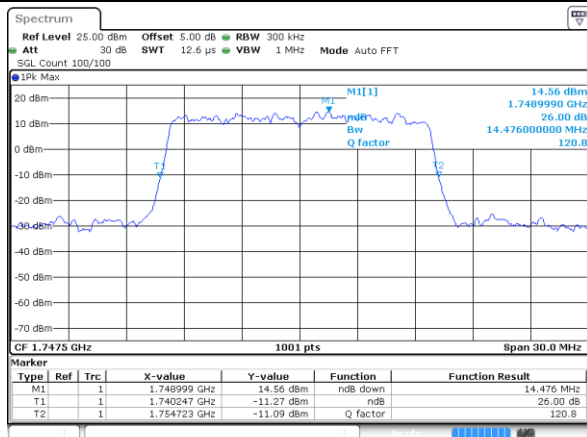
Middle Channel / 15MHz / QPSK



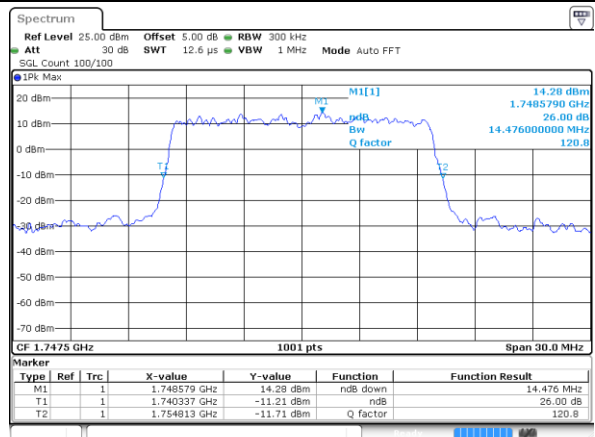
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



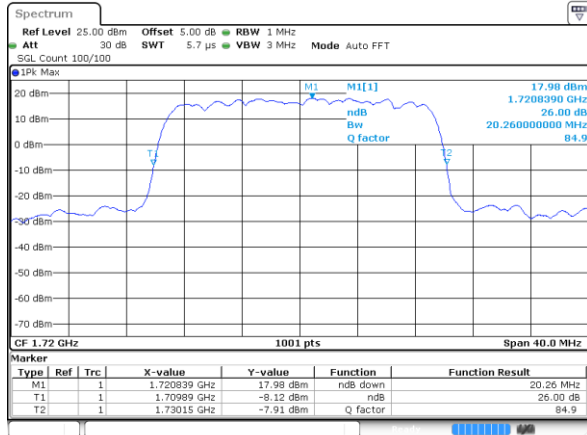
Highest Channel / 15MHz / 16QAM





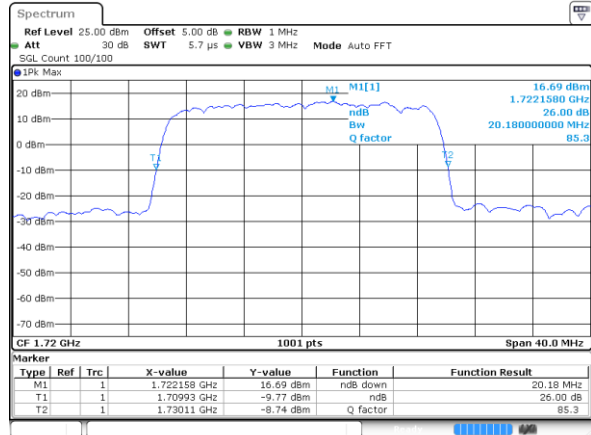
LTE Band 4

Lowest Channel / 20MHz / QPSK



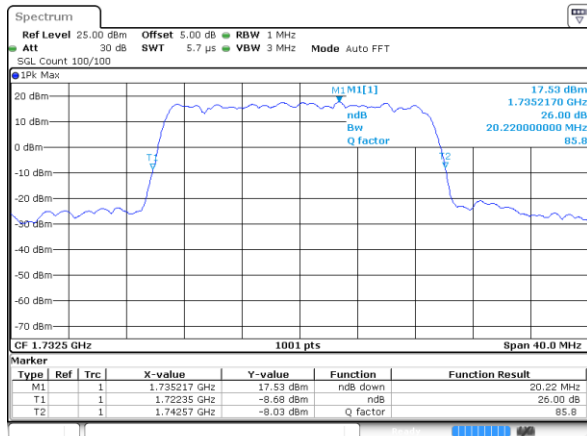
Date: 26 DEC 2017 12:27:54

Lowest Channel / 20MHz / 16QAM



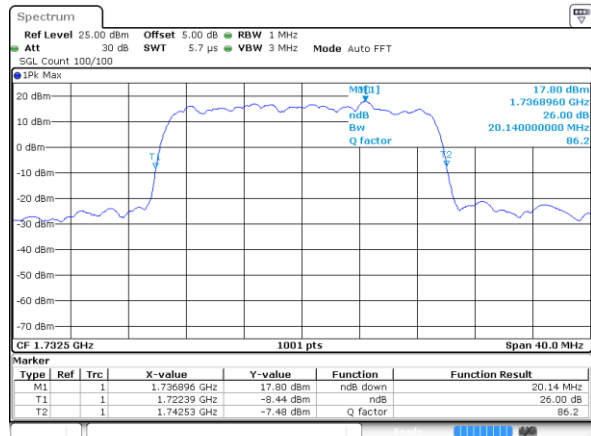
Date: 26 DEC 2017 12:28:04

Middle Channel / 20MHz / QPSK



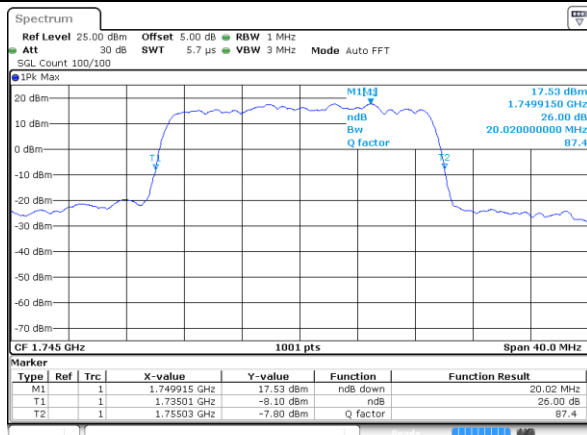
Date: 26 DEC 2017 13:52:08

Middle Channel / 20MHz / 16QAM



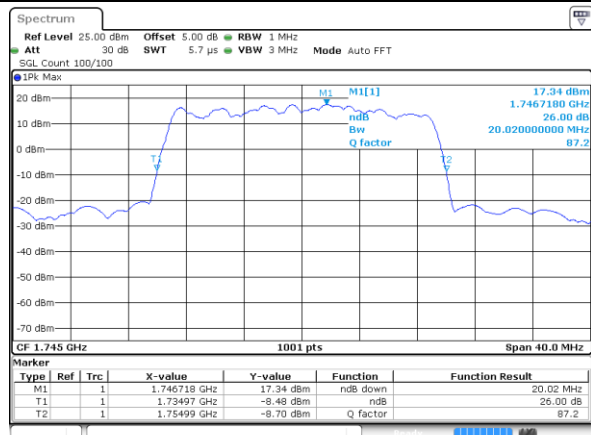
Date: 26 DEC 2017 13:52:46

Highest Channel / 20MHz / QPSK



Date: 26 DEC 2017 13:57:59

Highest Channel / 20MHz / 16QAM

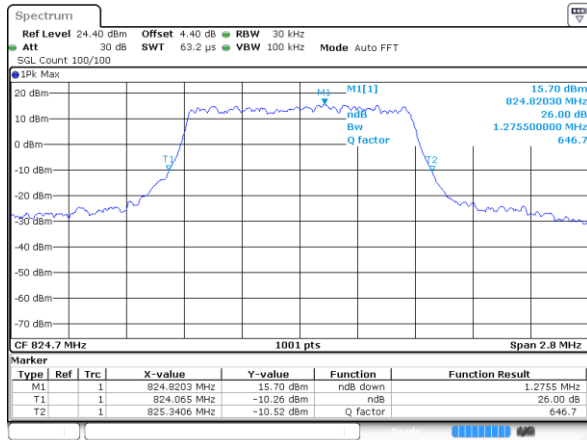


Date: 26 DEC 2017 13:58:22

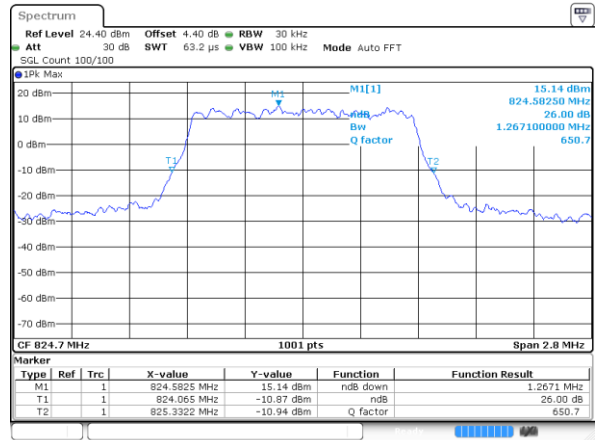


LTE Band 5

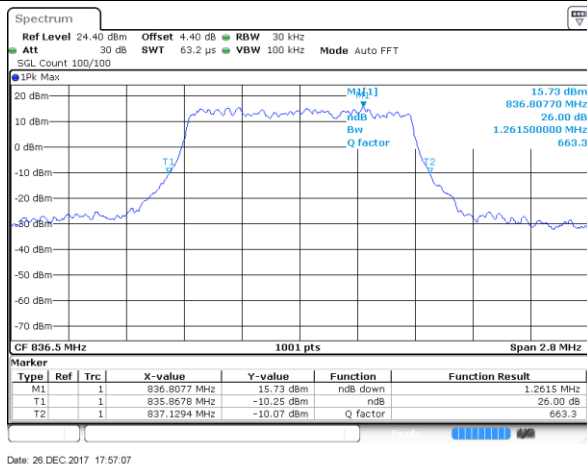
Lowest Channel / 1.4MHz / QPSK



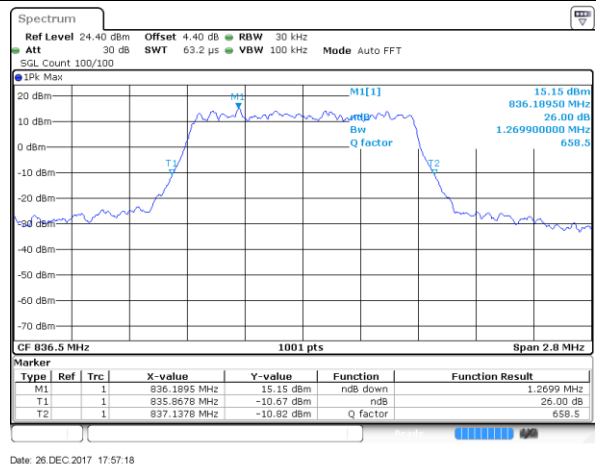
Lowest Channel / 1.4MHz / 16QAM



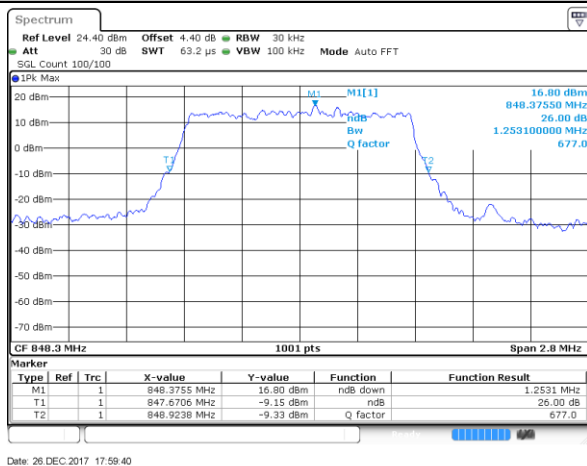
Middle Channel / 1.4MHz / QPSK



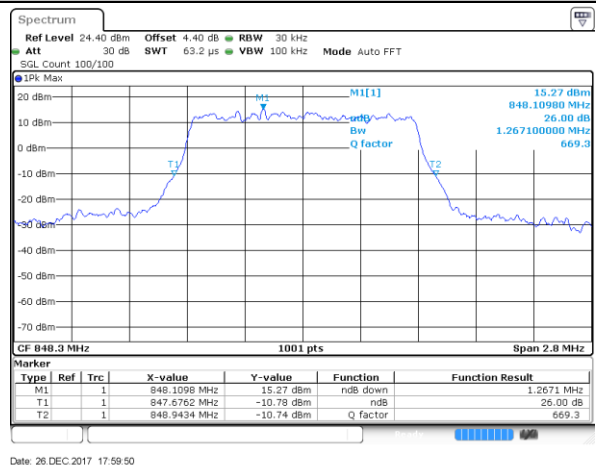
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



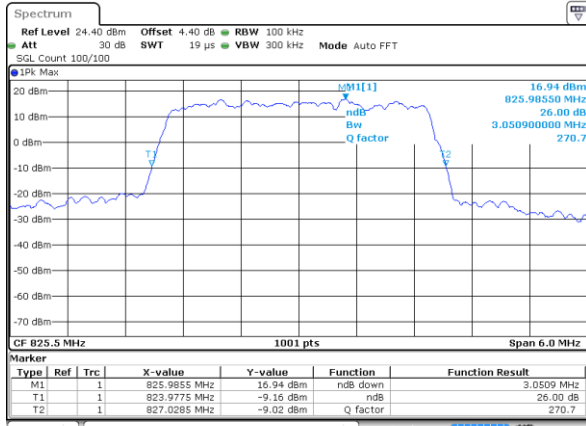
Highest Channel / 1.4MHz / 16QAM



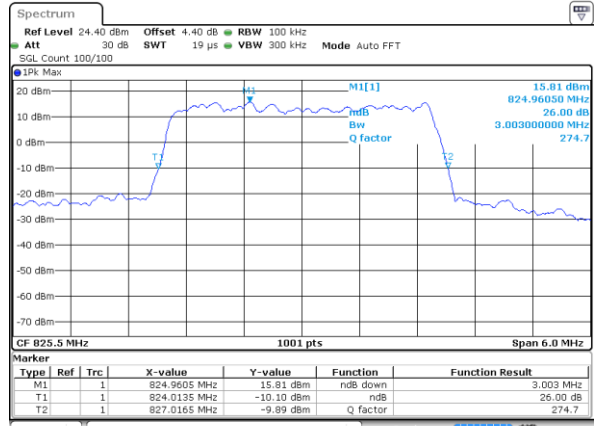


LTE Band 5

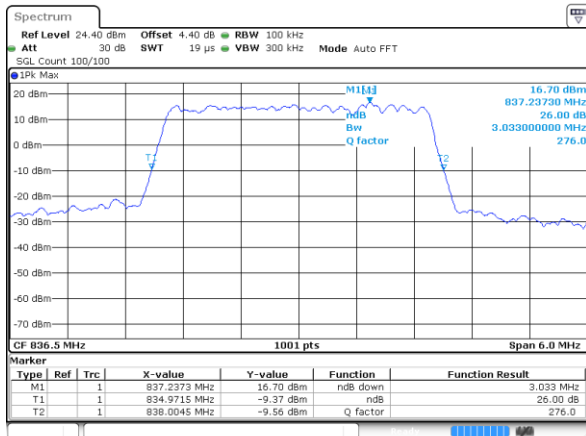
Lowest Channel / 3MHz / QPSK



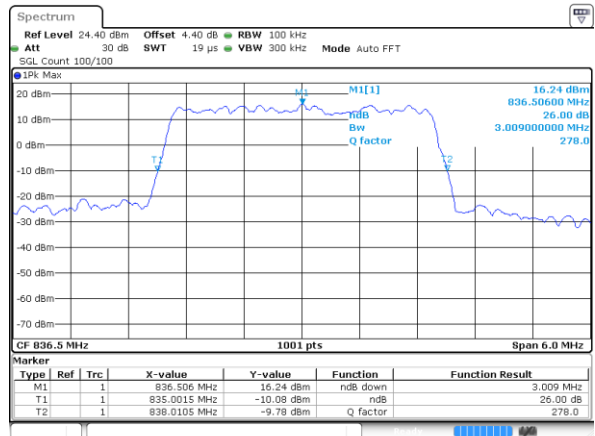
Lowest Channel / 3MHz / 16QAM



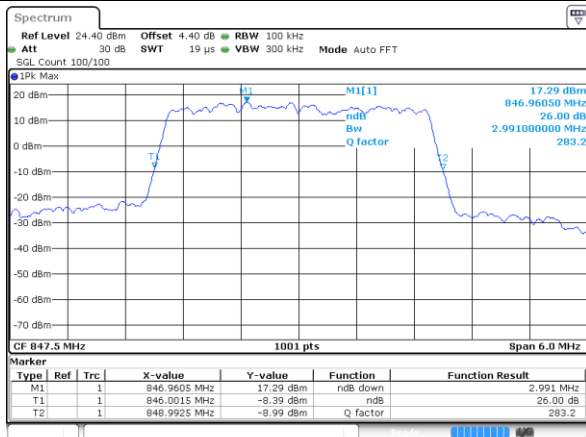
Middle Channel / 3MHz / QPSK



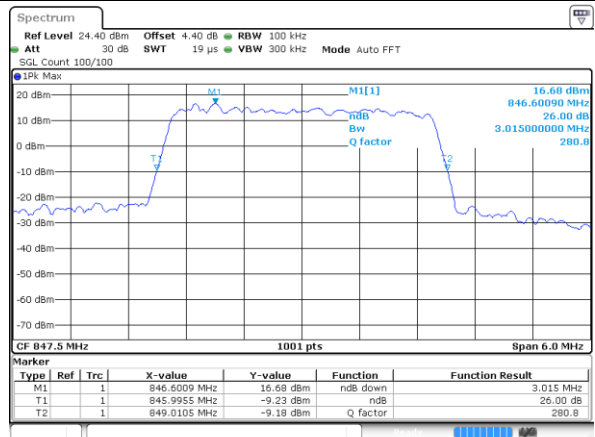
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



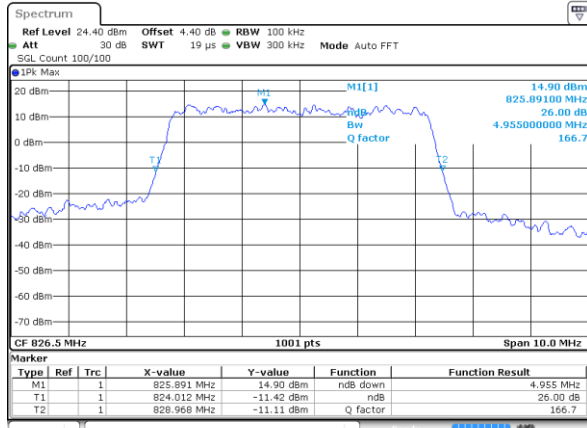
Highest Channel / 3MHz / 16QAM





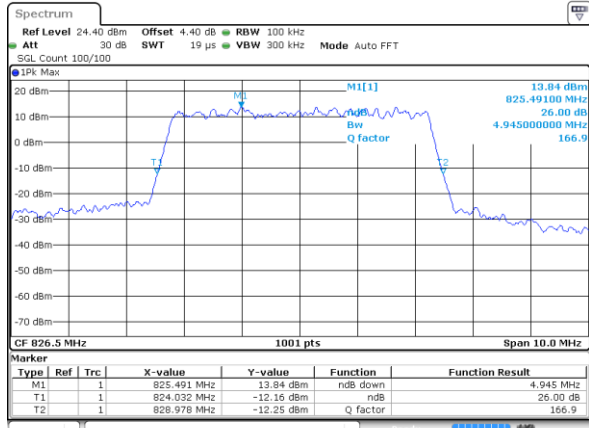
LTE Band 5

Lowest Channel / 5MHz / QPSK



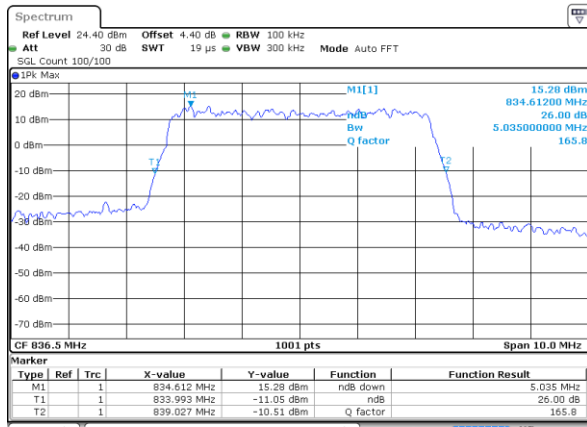
Date: 26 DEC 2017 18:29:27

Lowest Channel / 5MHz / 16QAM



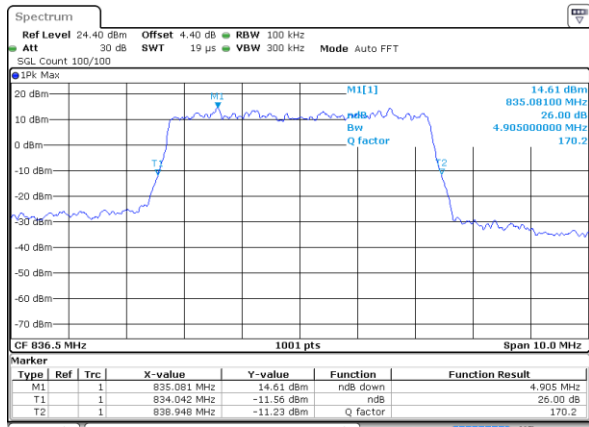
Date: 26 DEC 2017 18:29:37

Middle Channel / 5MHz / QPSK



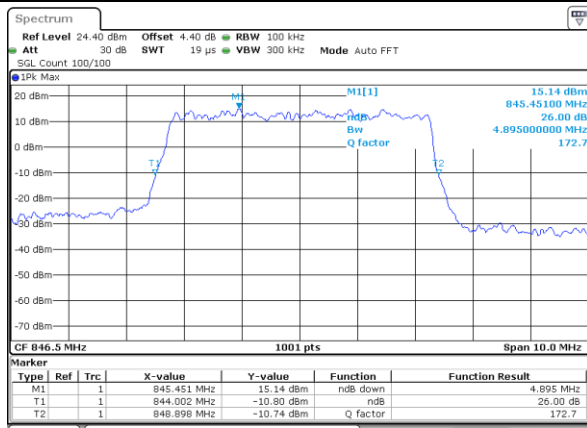
Date: 26 DEC 2017 18:38:32

Middle Channel / 5MHz / 16QAM



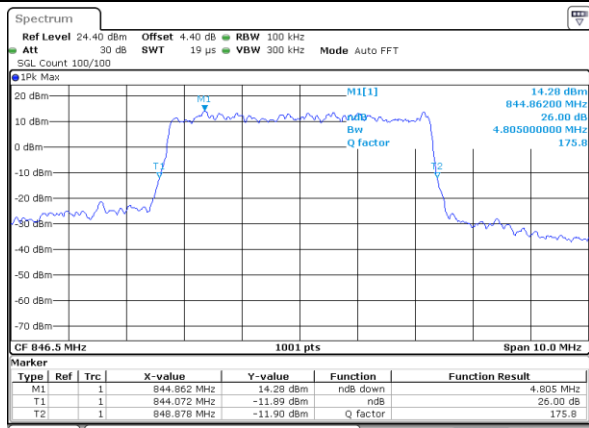
Date: 26 DEC 2017 18:38:42

Highest Channel / 5MHz / QPSK



Date: 26 DEC 2017 18:41:04

Highest Channel / 5MHz / 16QAM

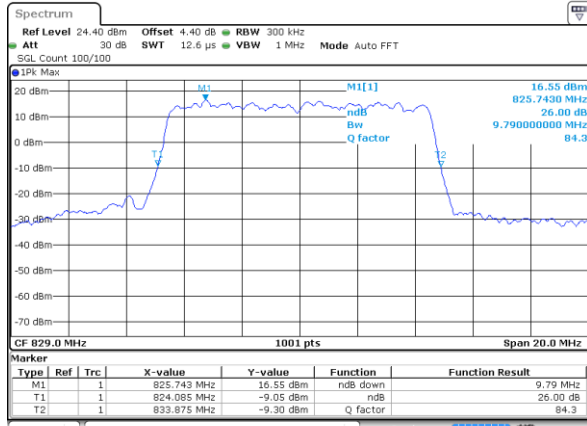


Date: 26 DEC 2017 18:41:15

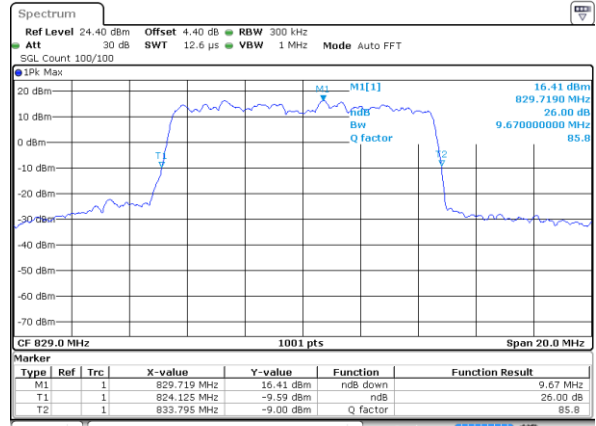


LTE Band 5

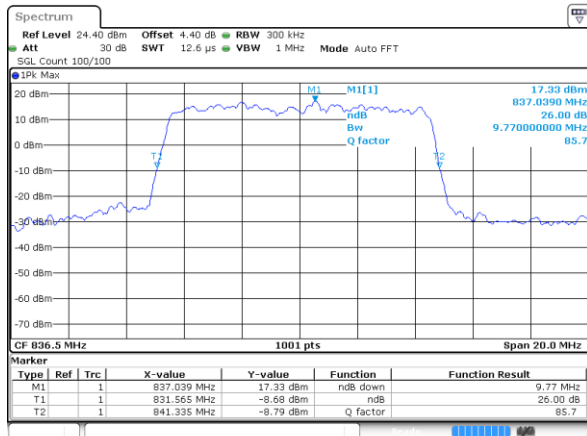
Lowest Channel / 10MHz / QPSK



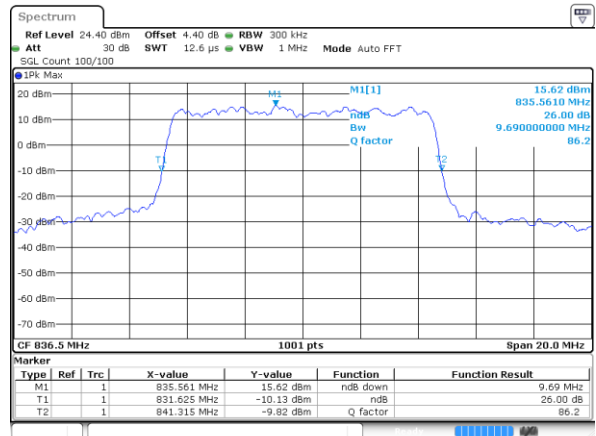
Lowest Channel / 10MHz / 16QAM



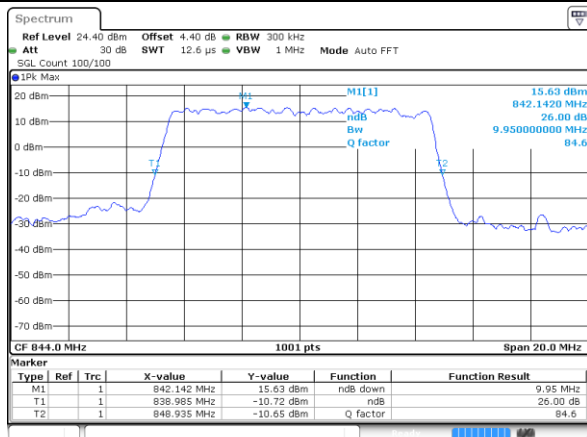
Middle Channel / 10MHz / QPSK



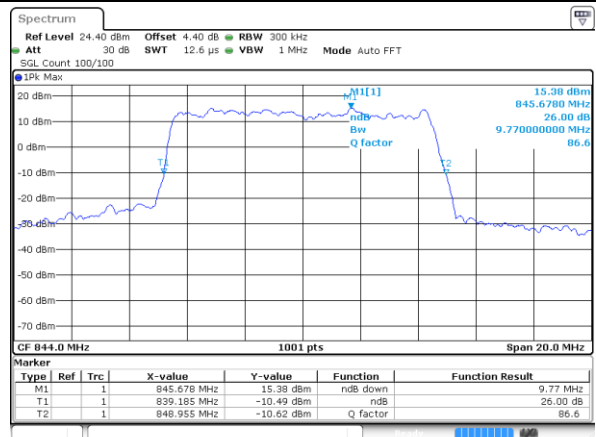
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



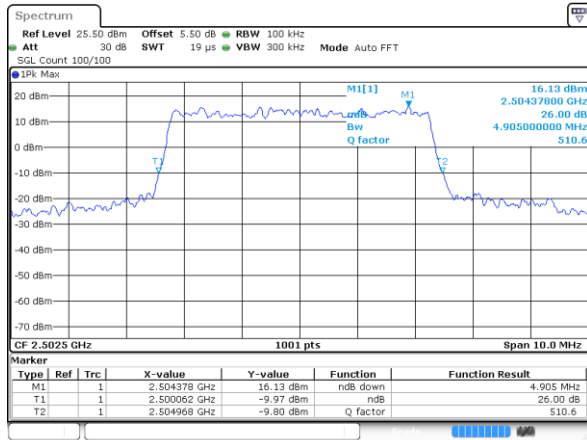
Highest Channel / 10MHz / 16QAM



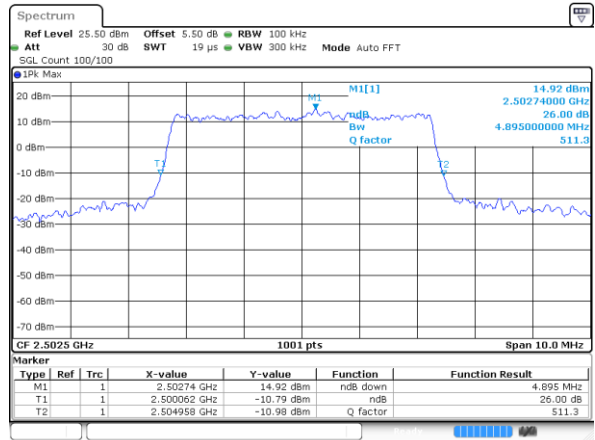


LTE Band 7

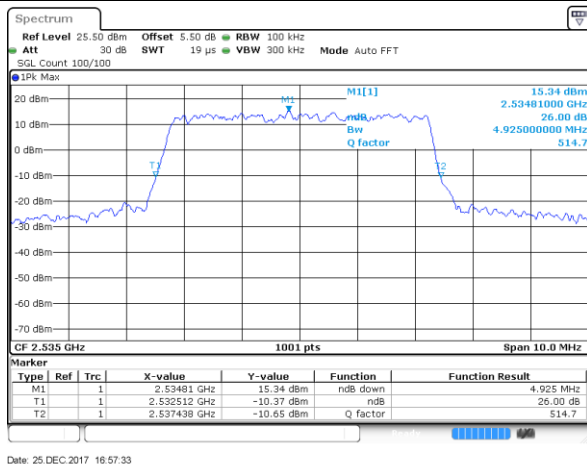
Lowest Channel / 5MHz / QPSK



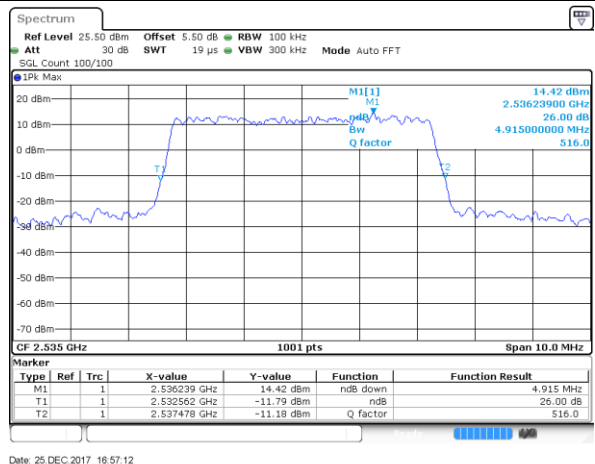
Lowest Channel / 5MHz / 16QAM



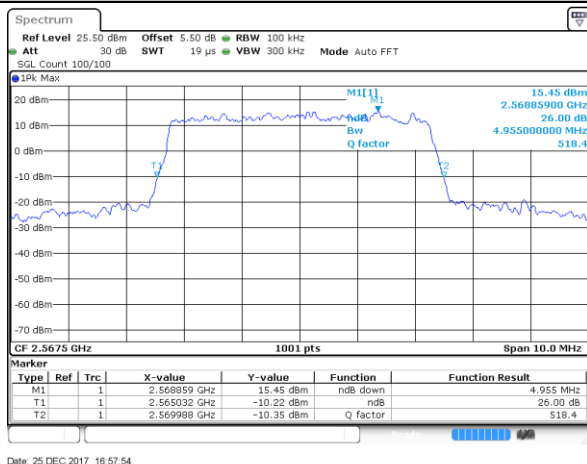
Middle Channel / 5MHz / QPSK



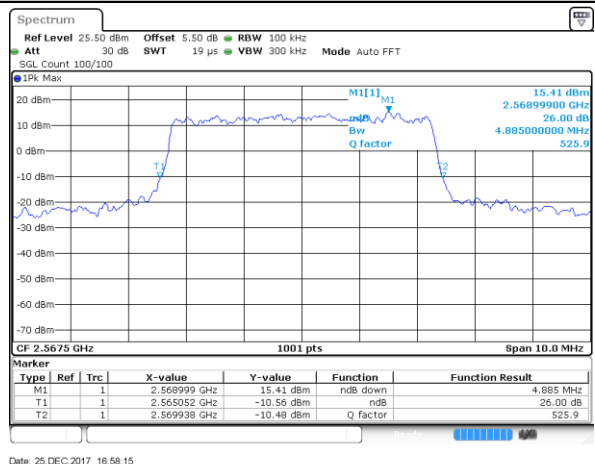
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



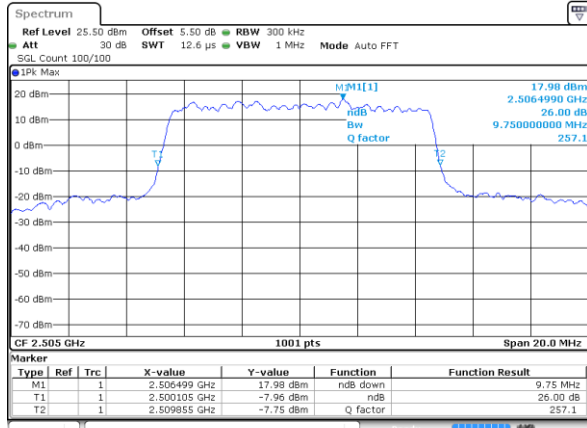
Highest Channel / 5MHz / 16QAM



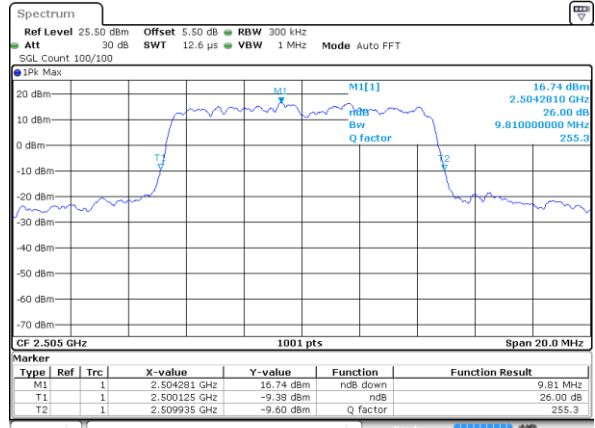


LTE Band 7

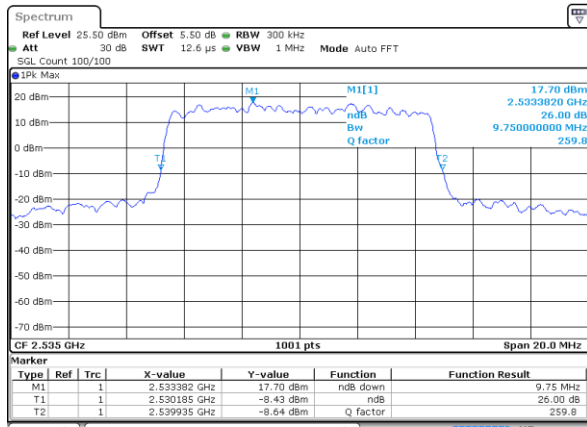
Lowest Channel / 10MHz / QPSK



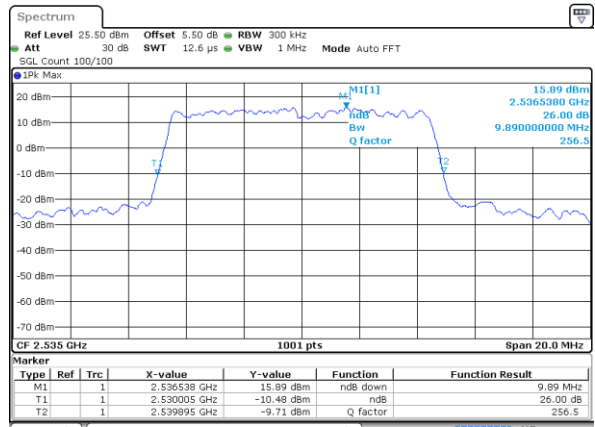
Lowest Channel / 10MHz / 16QAM



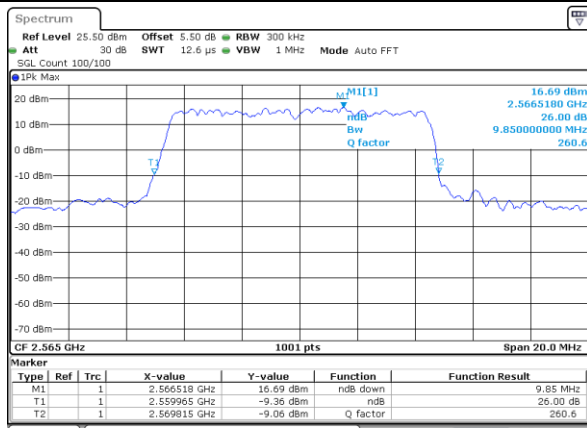
Middle Channel / 10MHz / QPSK



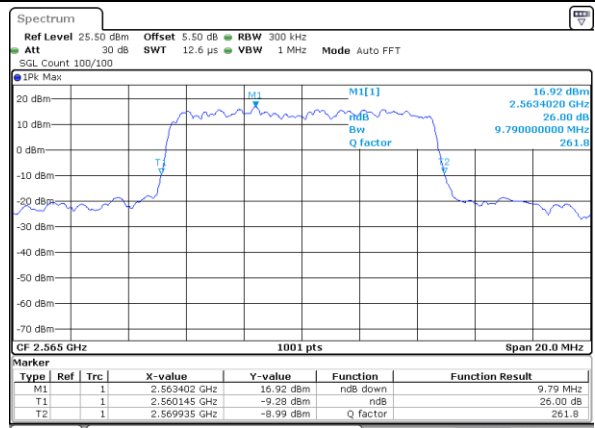
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



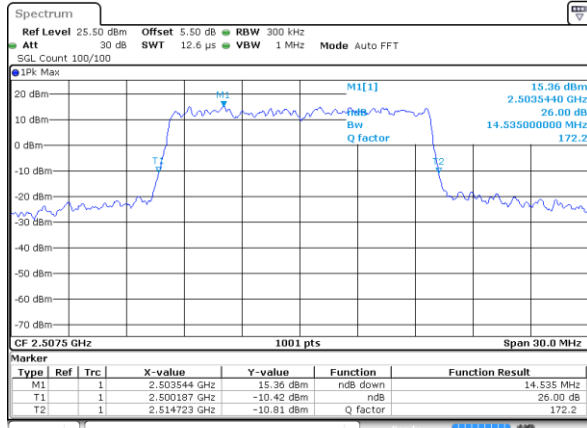
Highest Channel / 10MHz / 16QAM



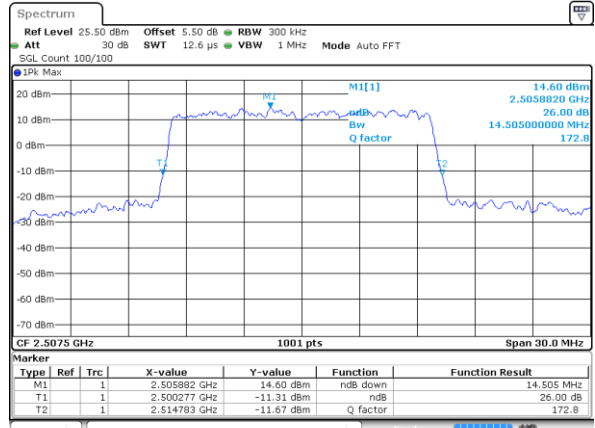


LTE Band 7

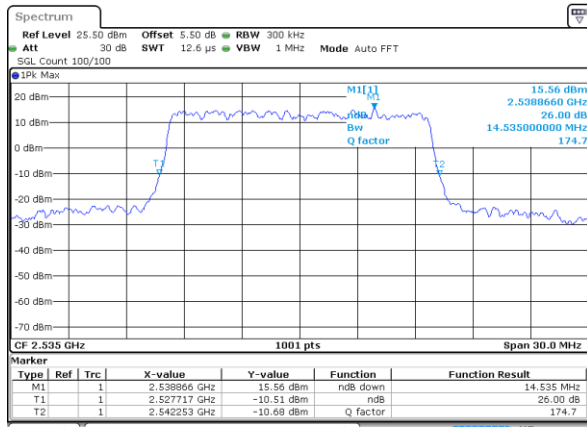
Lowest Channel / 15MHz / QPSK



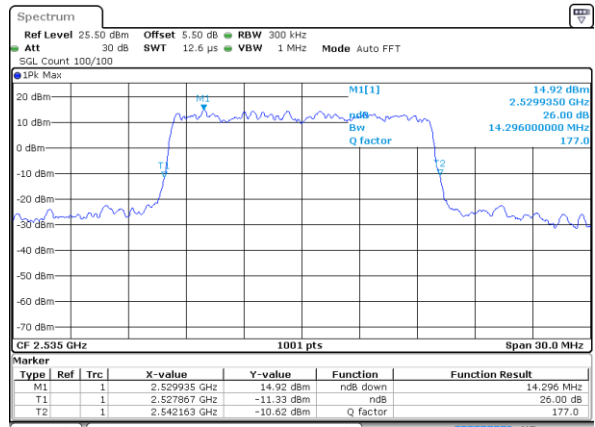
Lowest Channel / 15MHz / 16QAM



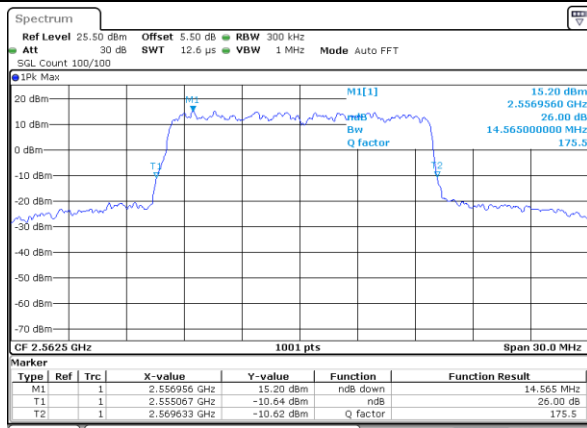
Middle Channel / 15MHz / QPSK



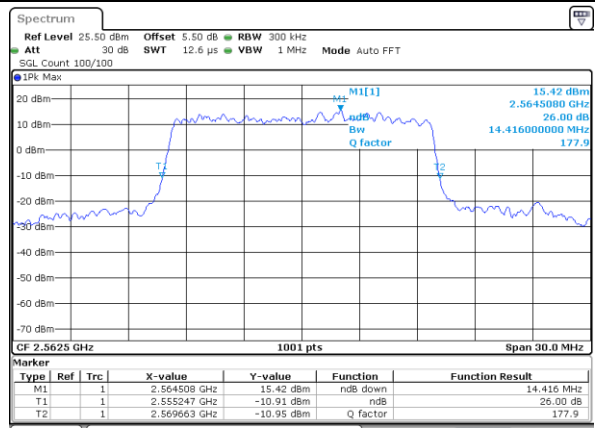
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



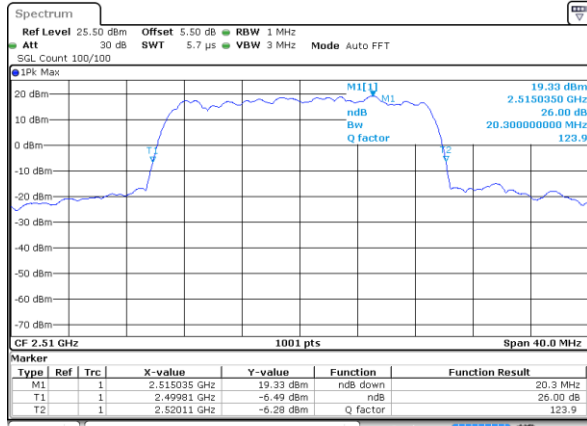
Highest Channel / 15MHz / 16QAM



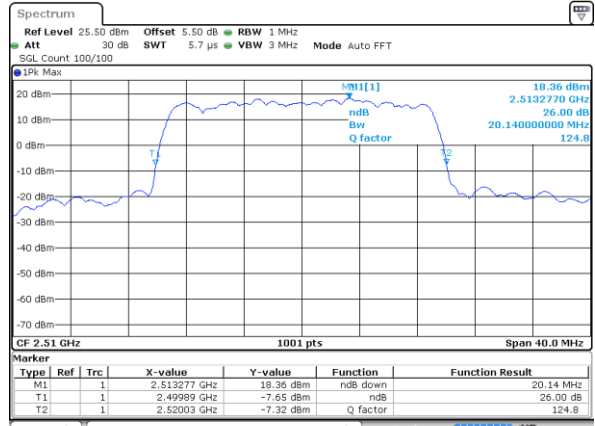


LTE Band 7

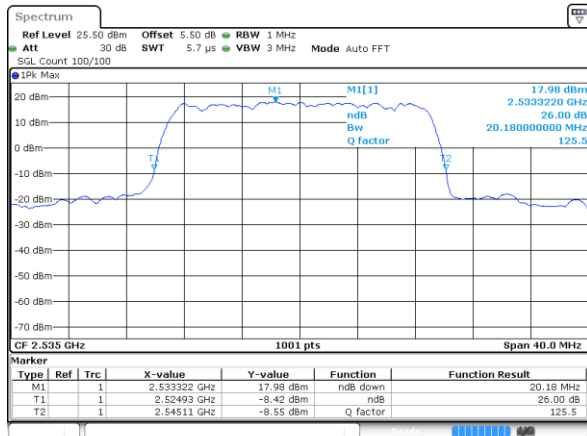
Lowest Channel / 20MHz / QPSK



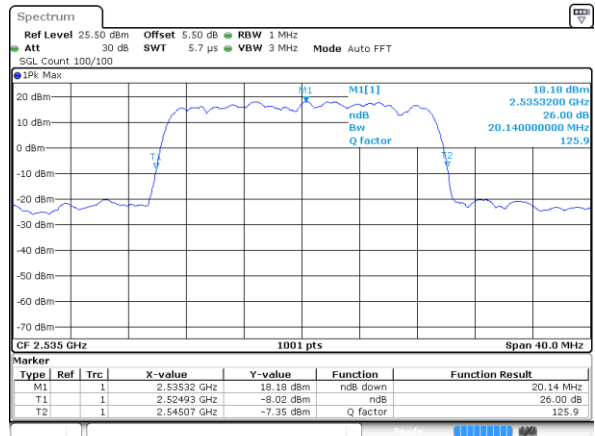
Lowest Channel / 20MHz / 16QAM



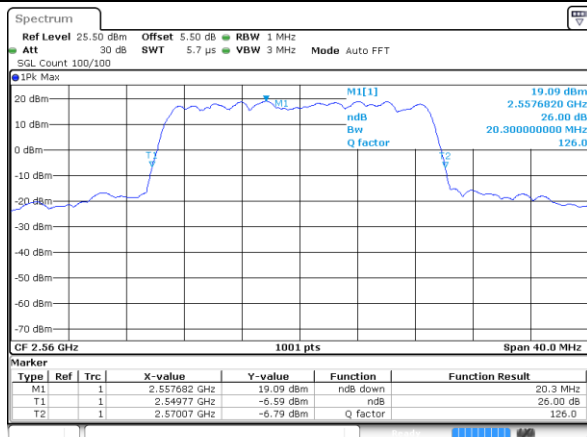
Middle Channel / 20MHz / QPSK



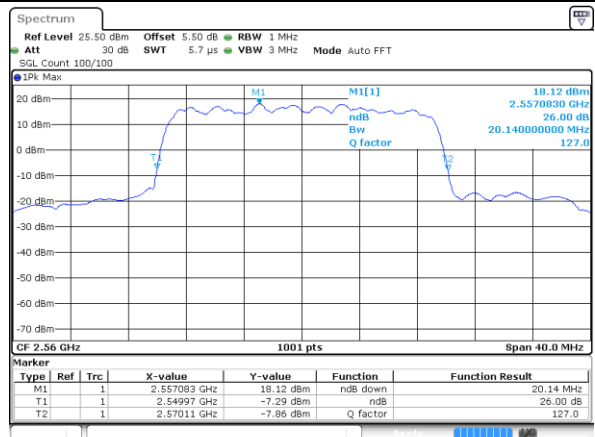
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM





Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.08	2.72	2.72	4.48	4.47	8.97	8.99	13.46	13.37	18.42	18.22
Middle CH	1.09	1.09	2.72	2.72	4.5	4.49	9.03	8.99	13.4	13.49	18.34	18.46
Highest CH	1.09	1.09	2.72	2.71	4.48	4.51	9.03	9.03	13.37	13.46	18.22	18.26

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	2.71	4.49	4.48	8.97	9.03	13.37	13.37	18.18	18.14
Middle CH	1.09	1.1	2.71	2.72	4.48	4.5	8.97	8.99	13.43	13.4	18.22	18.3
Highest CH	1.1	1.09	2.73	2.7	4.48	4.52	9.09	8.97	13.37	13.4	18.34	18.46

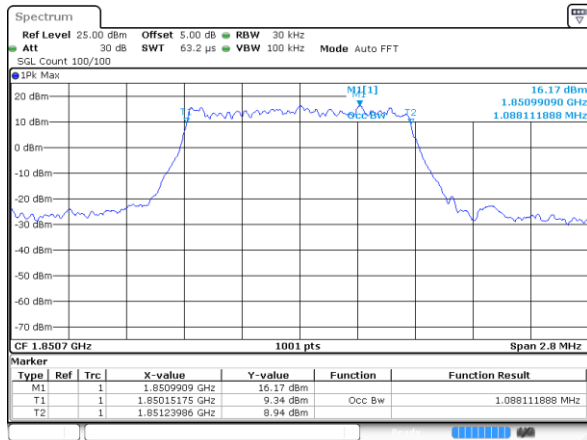
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.09	2.71	2.73	4.5	4.5	9.03	8.99	-	-	-	-
Middle CH	1.1	1.08	2.7	2.72	4.49	4.47	8.97	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.5	4.49	9.09	9.03	-	-	-	-

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.48	9.01	9.01	13.46	13.37	18.22	18.26
Middle CH	-	-	-	-	4.5	4.49	9.05	9.01	13.37	13.46	18.26	18.18
Highest CH	-	-	-	-	4.49	4.49	9.01	8.99	13.43	13.4	18.38	18.46

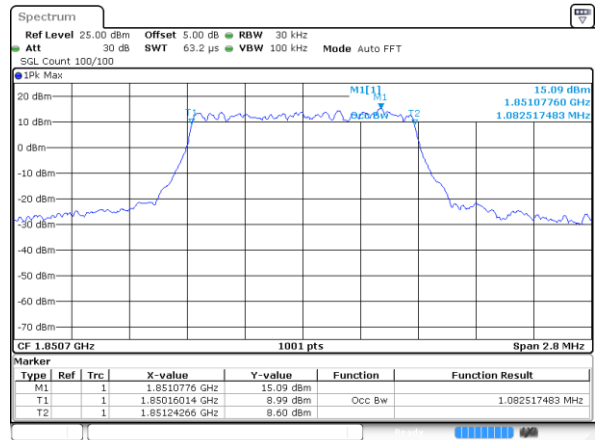


LTE Band 2

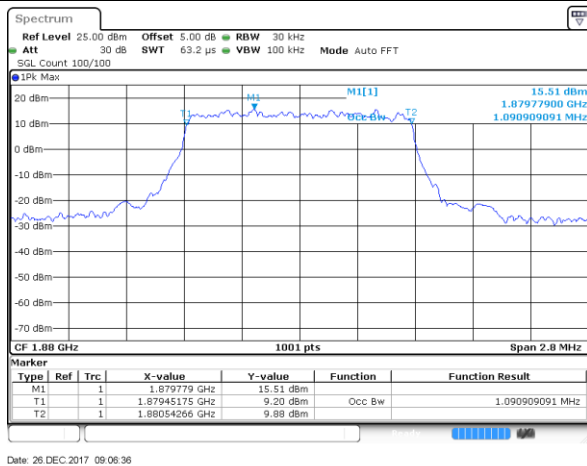
Lowest Channel / 1.4MHz / QPSK



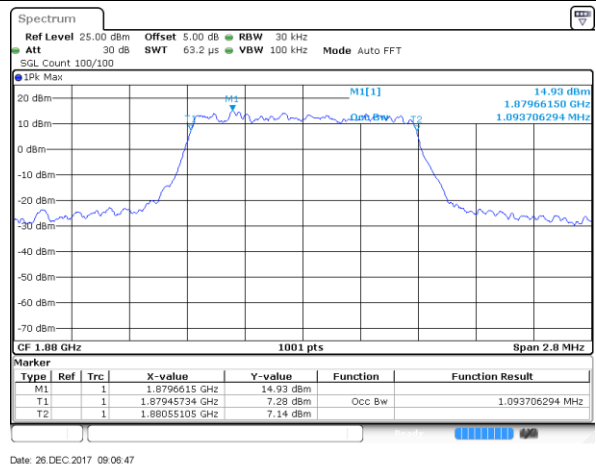
Lowest Channel / 1.4MHz / 16QAM



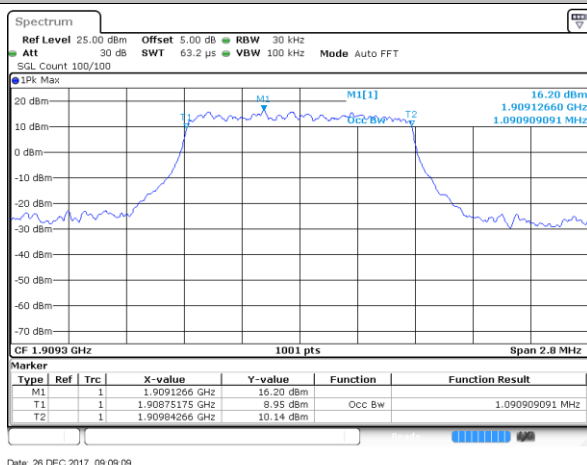
Middle Channel / 1.4MHz / QPSK



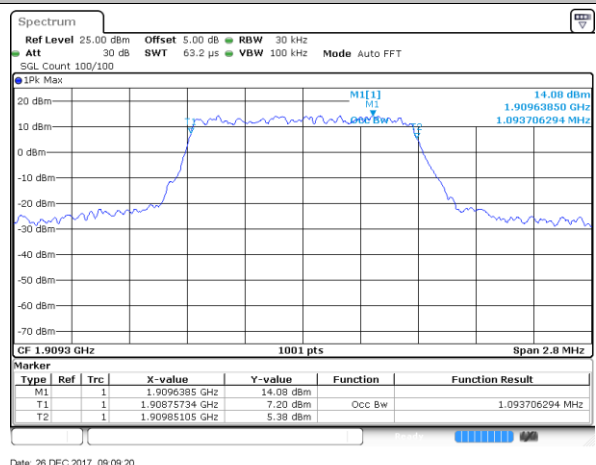
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



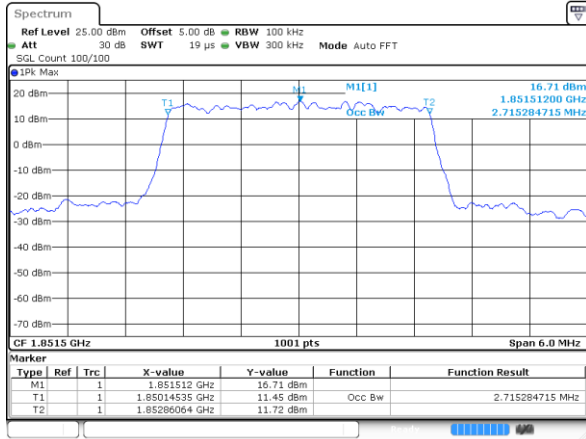
Highest Channel / 1.4MHz / 16QAM





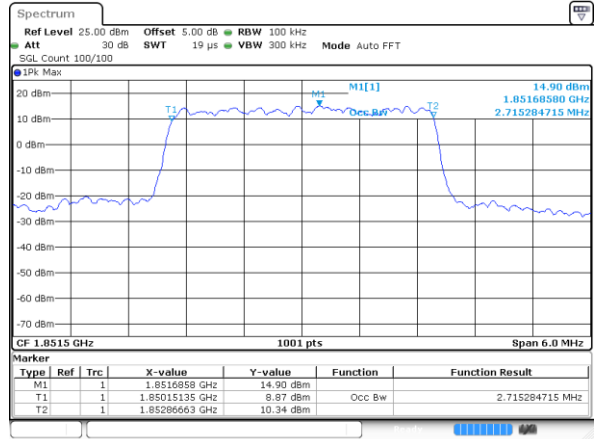
LTE Band 2

Lowest Channel / 3MHz / QPSK



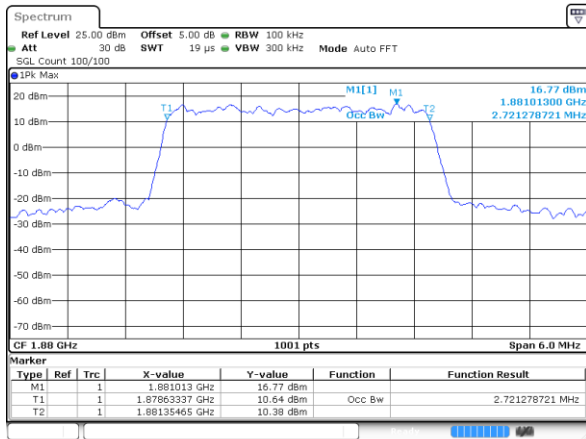
Date: 26 DEC 2017 09:16:14

Lowest Channel / 3MHz / 16QAM



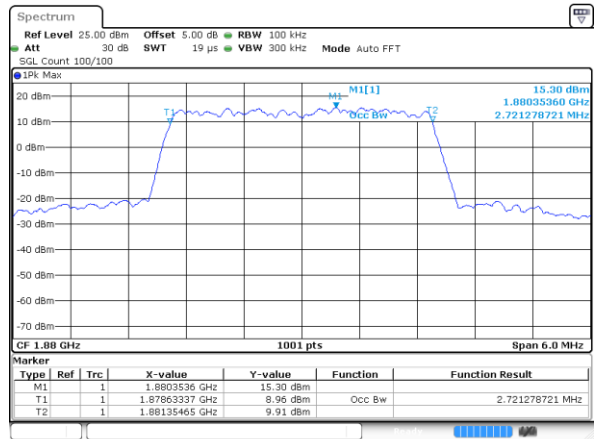
Date: 26 DEC 2017 09:16:25

Middle Channel / 3MHz / QPSK



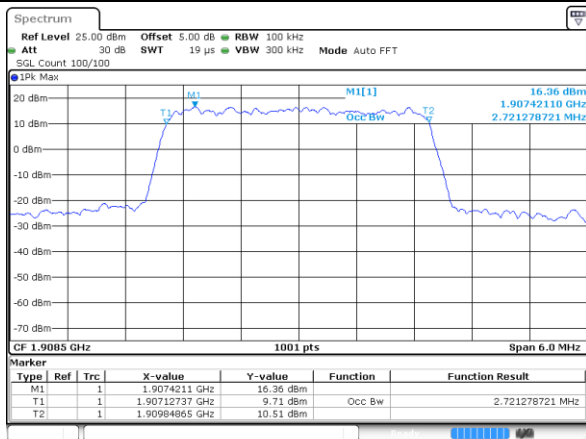
Date: 26 DEC 2017 09:23:19

Middle Channel / 3MHz / 16QAM



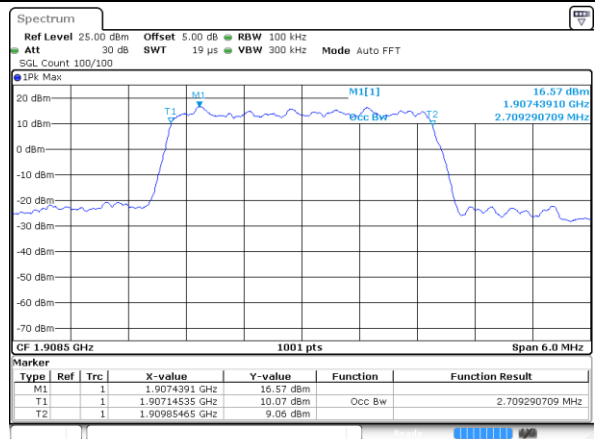
Date: 26 DEC 2017 09:23:30

Highest Channel / 3MHz / QPSK



Date: 26 DEC 2017 09:25:52

Highest Channel / 3MHz / 16QAM

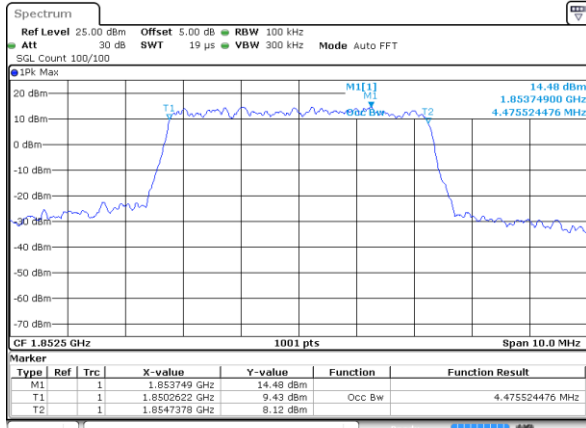


Date: 26 DEC 2017 09:26:03



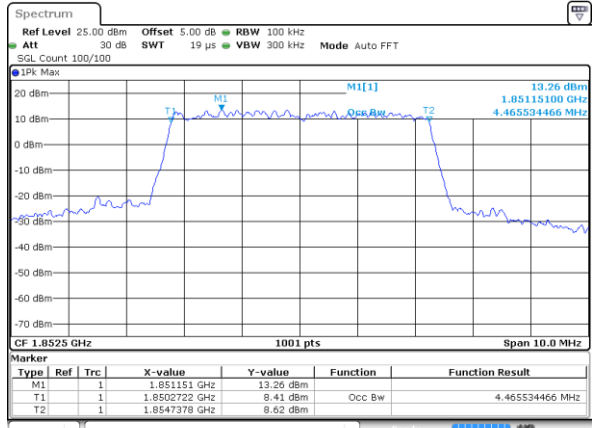
LTE Band 2

Lowest Channel / 5MHz / QPSK



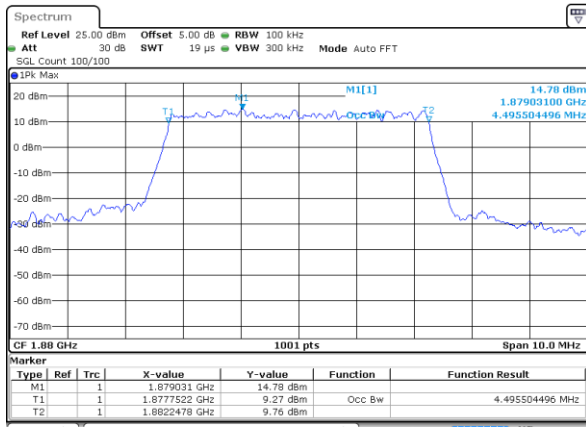
Date: 26 DEC 2017 09:32:57

Lowest Channel / 5MHz / 16QAM



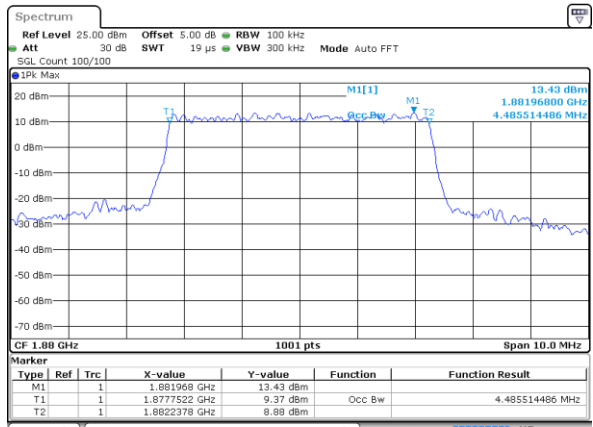
Date: 26 DEC 2017 09:33:08

Middle Channel / 5MHz / QPSK



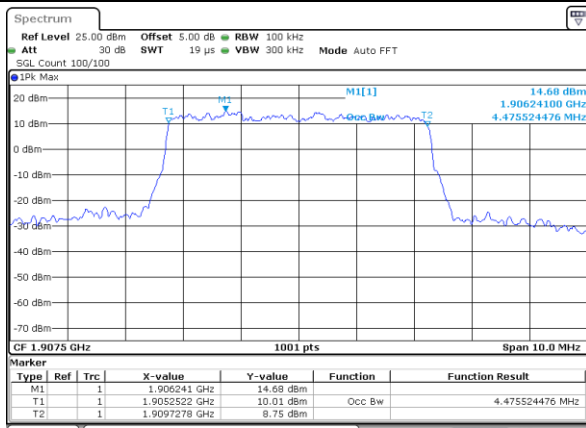
Date: 26 DEC 2017 09:40:02

Middle Channel / 5MHz / 16QAM



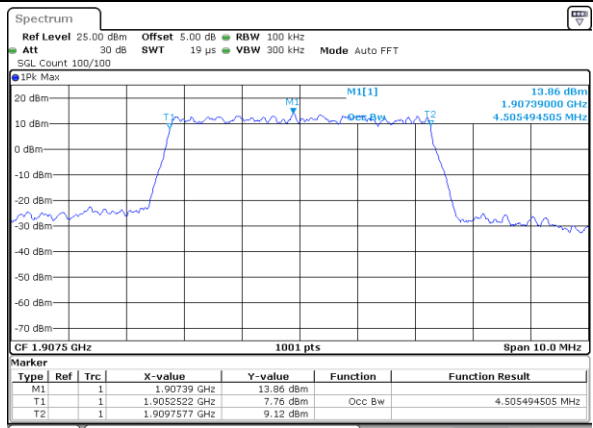
Date: 26 DEC 2017 09:40:13

Highest Channel / 5MHz / QPSK



Date: 26 DEC 2017 09:42:35

Highest Channel / 5MHz / 16QAM

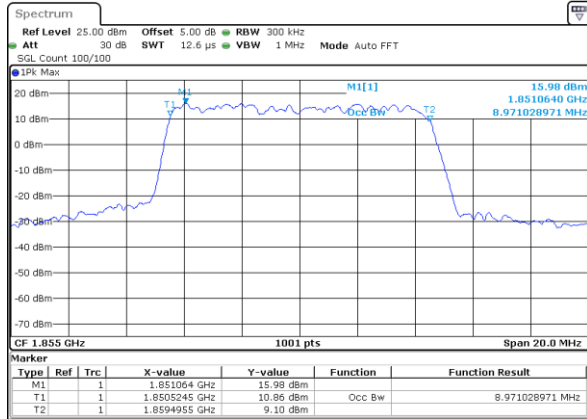


Date: 26 DEC 2017 09:42:46



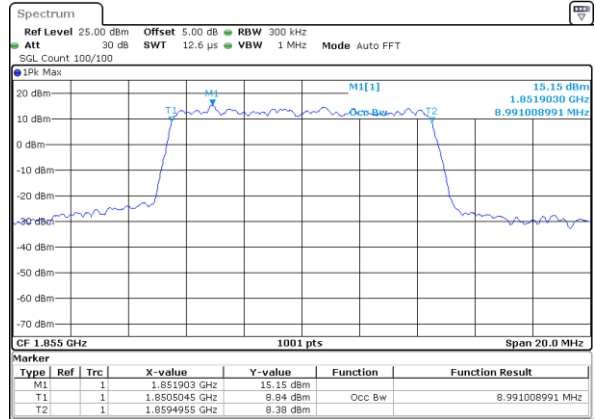
LTE Band 2

Lowest Channel / 10MHz / QPSK



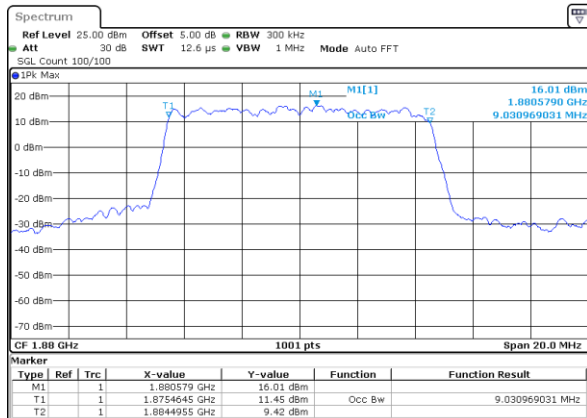
Date: 26 DEC 2017 09:49:40

Lowest Channel / 10MHz / 16QAM



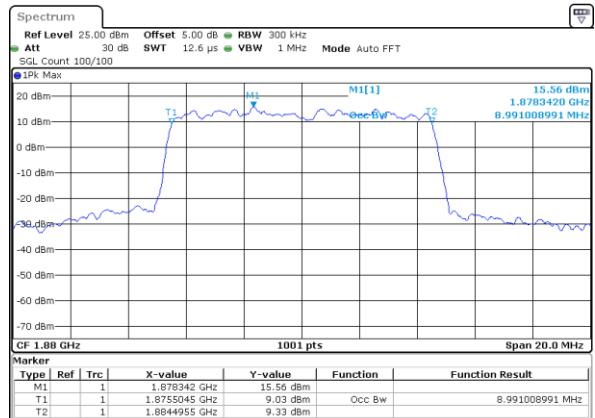
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Middle Channel / 10MHz / QPSK



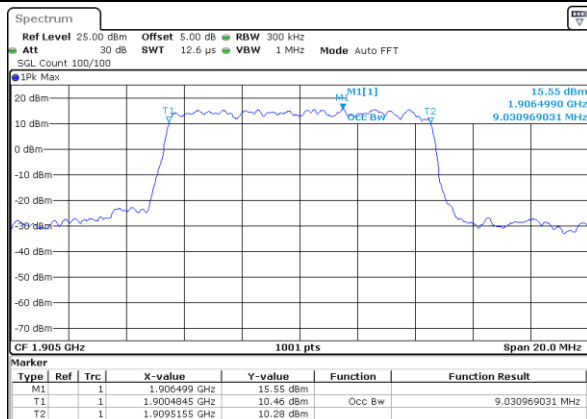
Date: 26 DEC 2017 09:56:45

Middle Channel / 10MHz / 16QAM



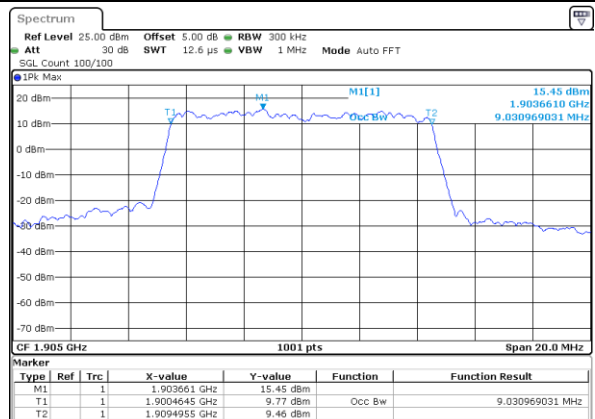
Date: 26 DEC 2017 09:56:56

Highest Channel / 10MHz / QPSK



Date: 26 DEC 2017 09:59:18

Highest Channel / 10MHz / 16QAM

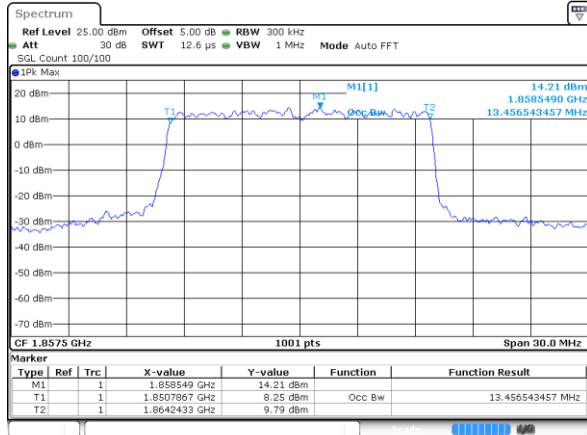


Date: 26 DEC 2017 09:59:29



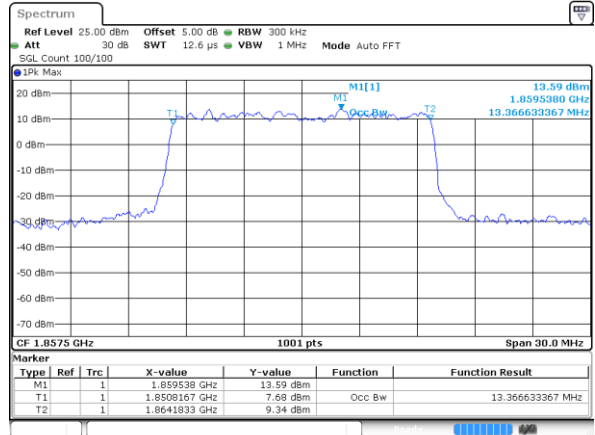
LTE Band 2

Lowest Channel / 15MHz / QPSK



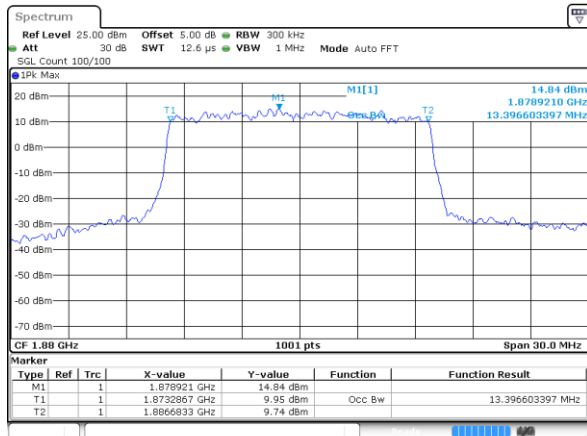
Date: 26 DEC 2017 10:06:23

Lowest Channel / 15MHz / 16QAM



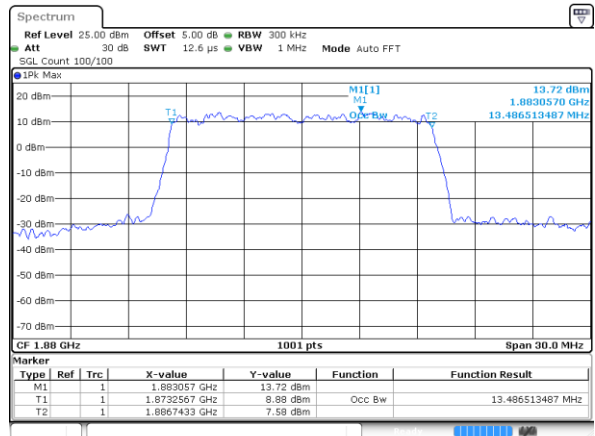
Date: 26 DEC 2017 10:06:34

Middle Channel / 15MHz / QPSK



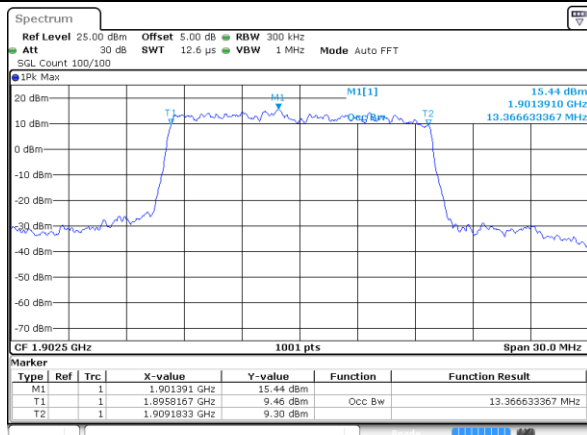
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Middle Channel / 15MHz / 16QAM



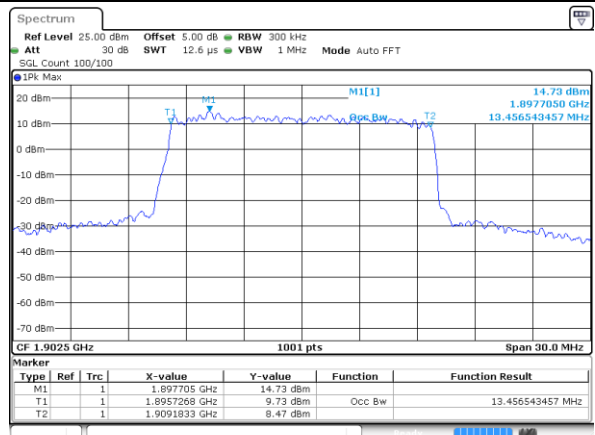
Date: 26 DEC 2017 10:13:39

Highest Channel / 15MHz / QPSK



Date: 26 DEC 2017 10:16:02

Highest Channel / 15MHz / 16QAM

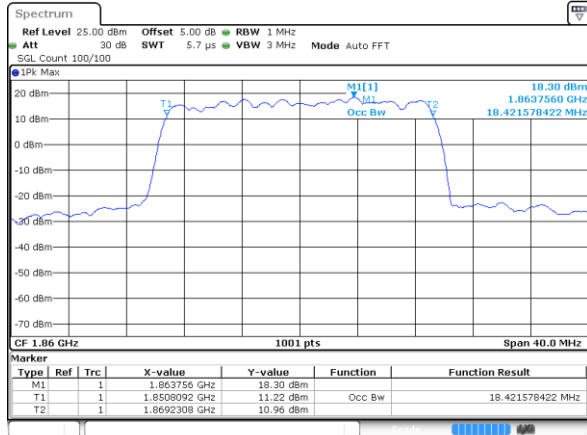


Date: 26 DEC 2017 10:16:12



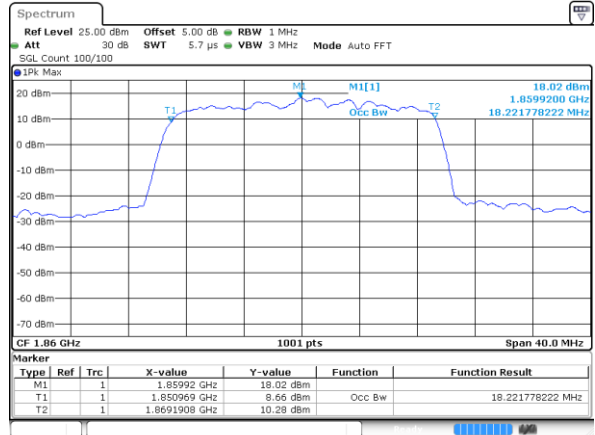
LTE Band 2

Lowest Channel / 20MHz / QPSK



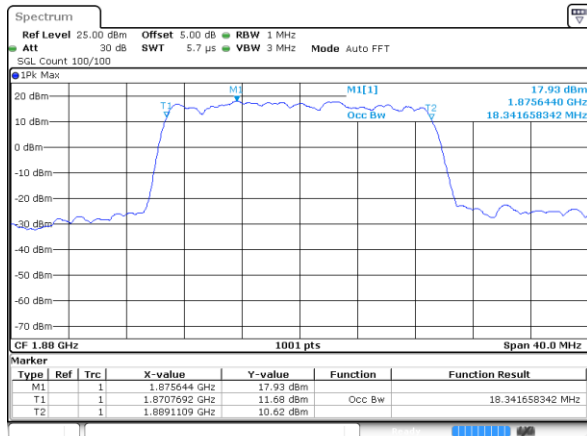
Date: 26 DEC 2017 10:23:07

Lowest Channel / 20MHz / 16QAM



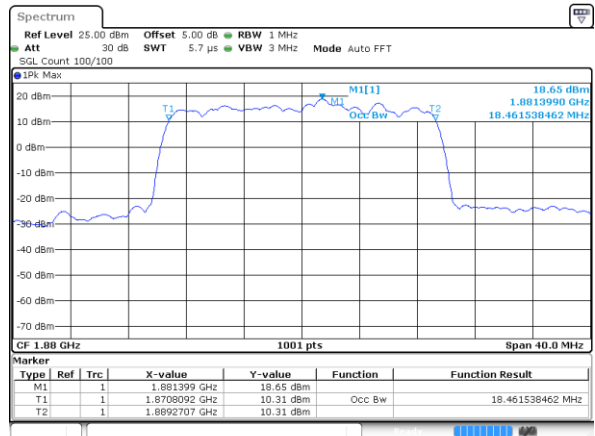
Date: 26 DEC 2017 10:23:18

Middle Channel / 20MHz / QPSK



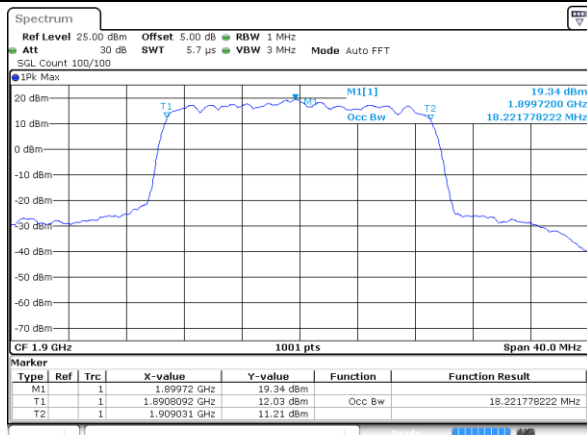
Date: 26 DEC 2017 10:30:12

Middle Channel / 20MHz / 16QAM



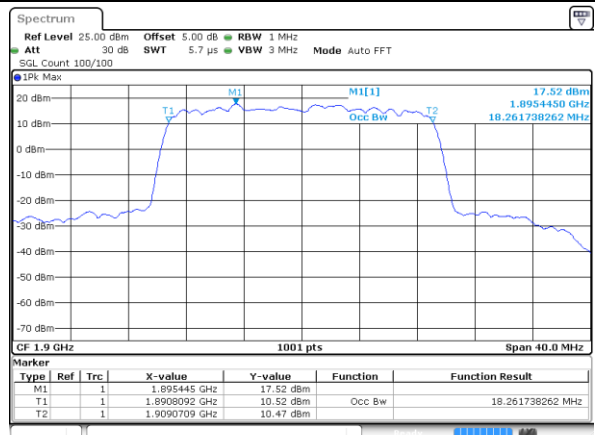
Date: 26 DEC 2017 10:30:23

Highest Channel / 20MHz / QPSK



Date: 26 DEC 2017 10:32:46

Highest Channel / 20MHz / 16QAM

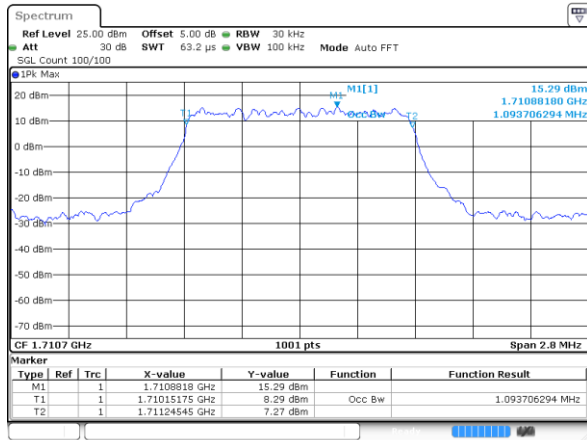


Date: 26 DEC 2017 10:32:56

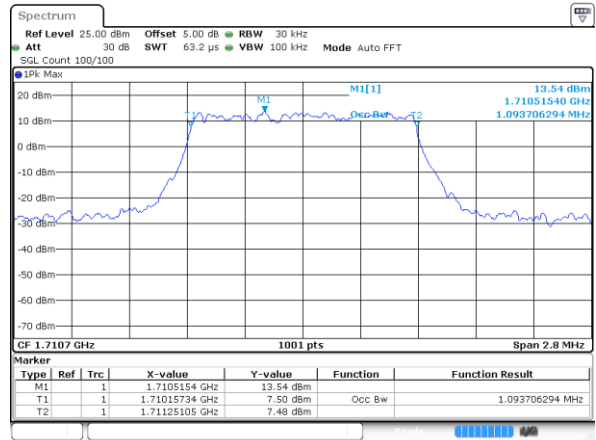


LTE Band 4

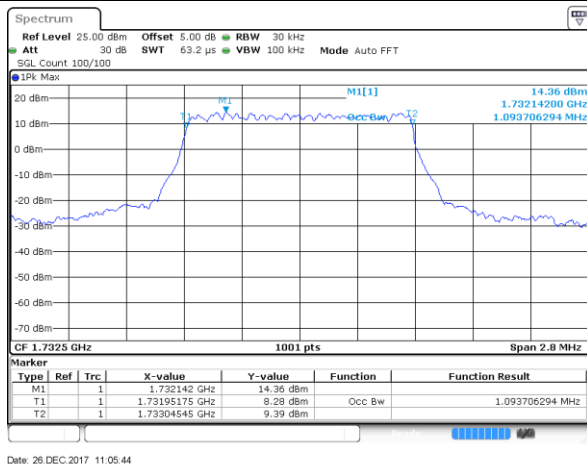
Lowest Channel / 1.4MHz / QPSK



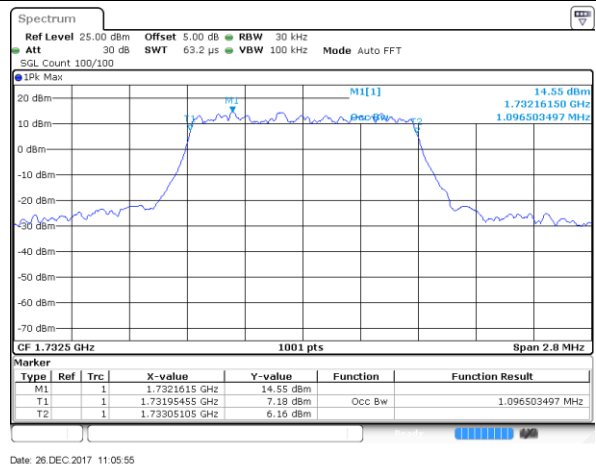
Lowest Channel / 1.4MHz / 16QAM



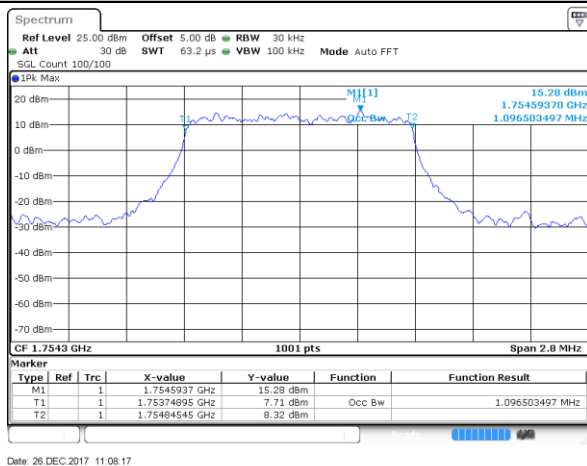
Middle Channel / 1.4MHz / QPSK



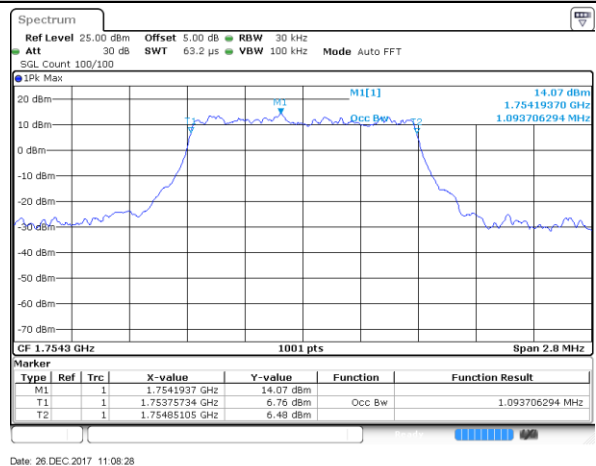
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



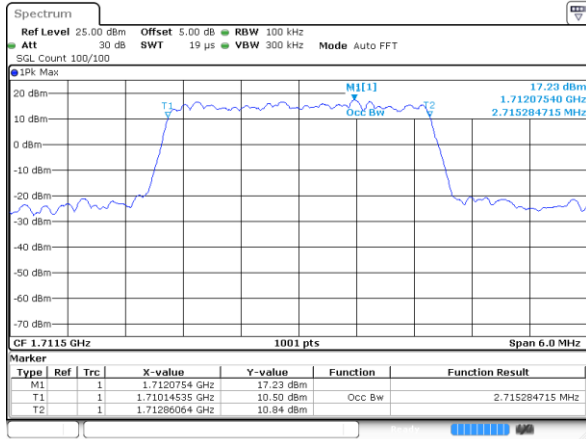
Highest Channel / 1.4MHz / 16QAM



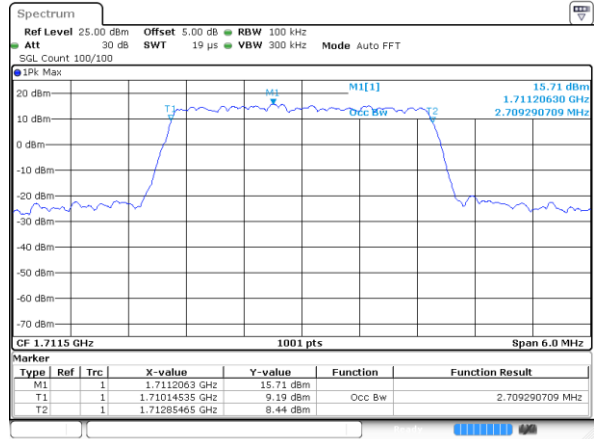


LTE Band 4

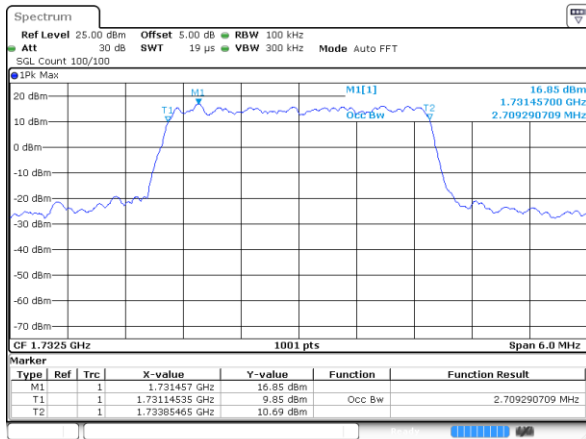
Lowest Channel / 3MHz / QPSK



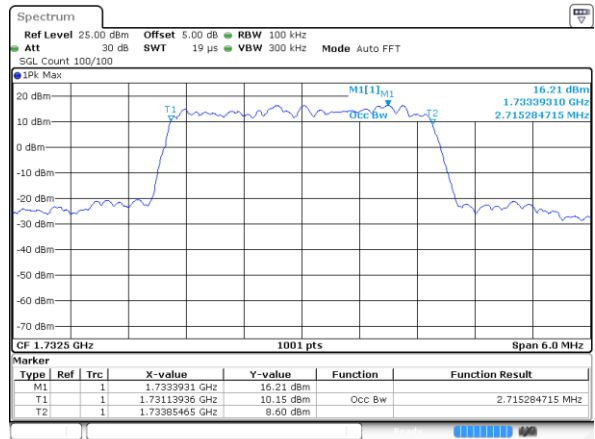
Lowest Channel / 3MHz / 16QAM



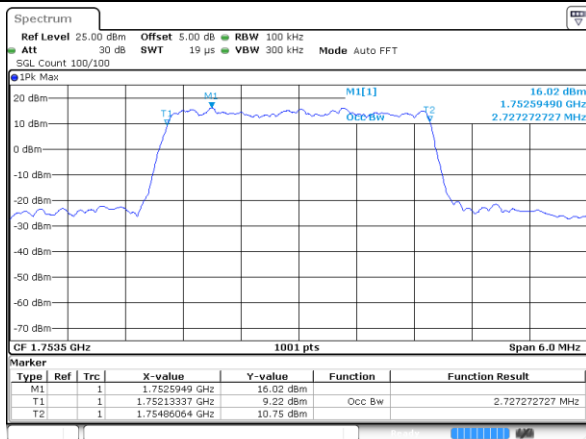
Middle Channel / 3MHz / QPSK



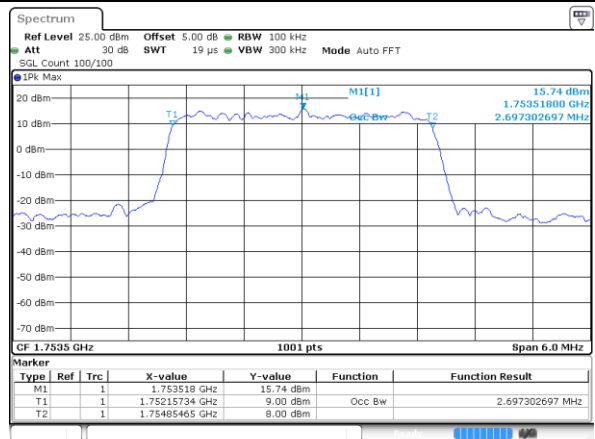
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



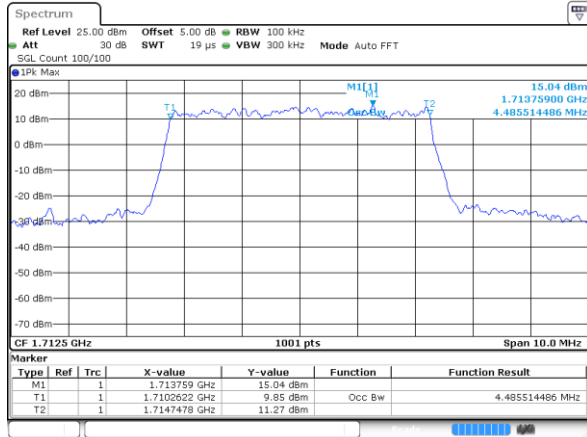
Highest Channel / 3MHz / 16QAM



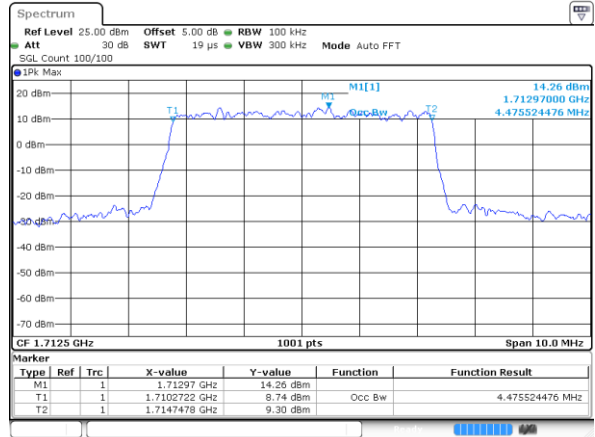


LTE Band 4

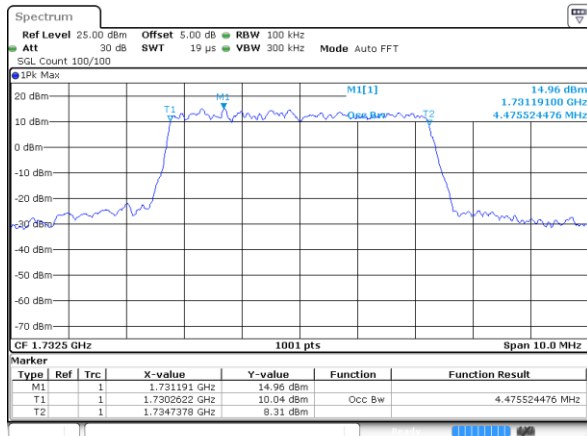
Lowest Channel / 5MHz / QPSK



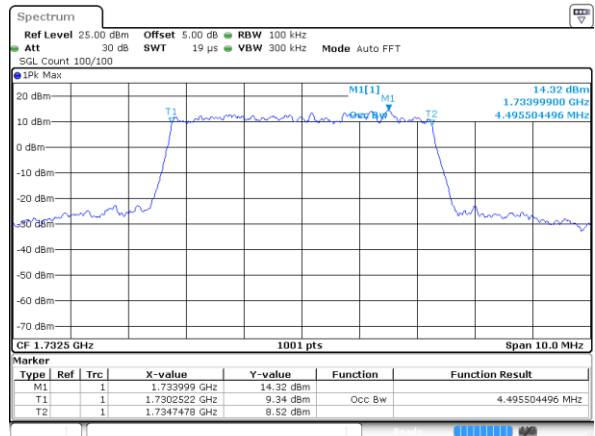
Lowest Channel / 5MHz / 16QAM



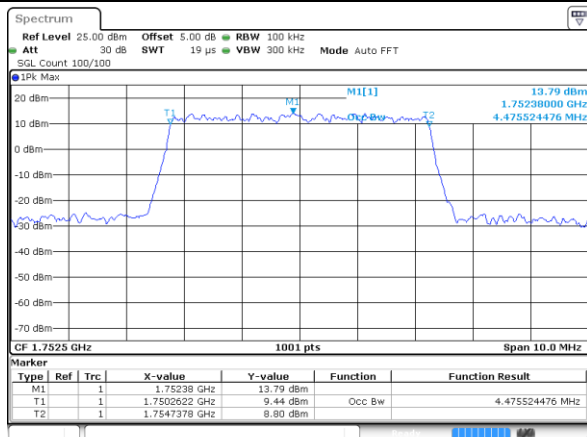
Middle Channel / 5MHz / QPSK



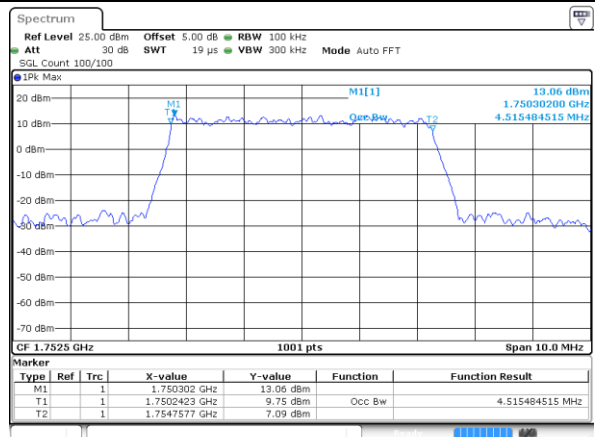
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



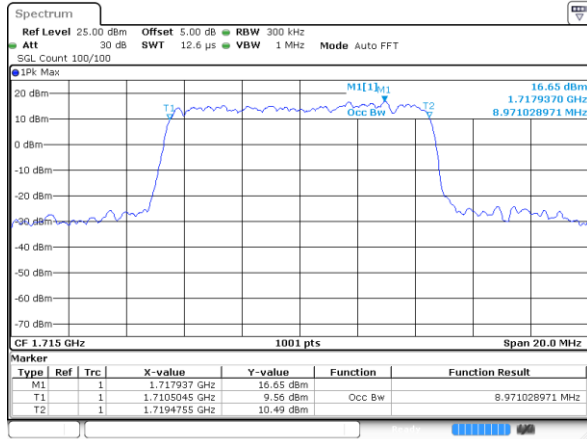
Highest Channel / 5MHz / 16QAM



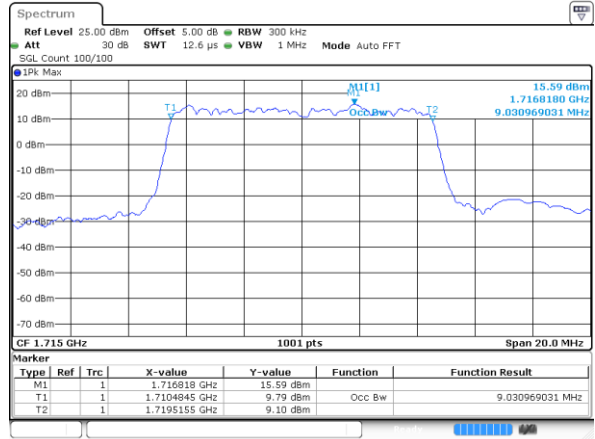


LTE Band 4

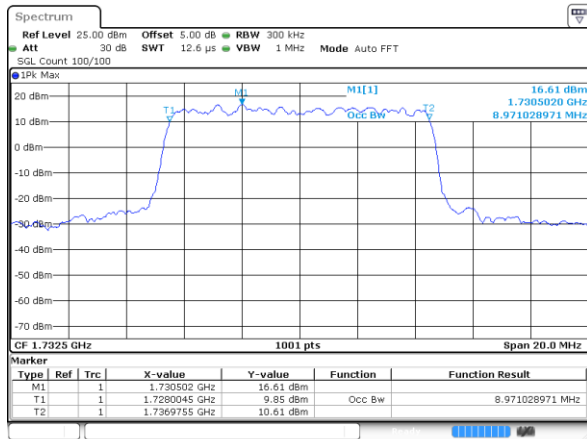
Lowest Channel / 10MHz / QPSK



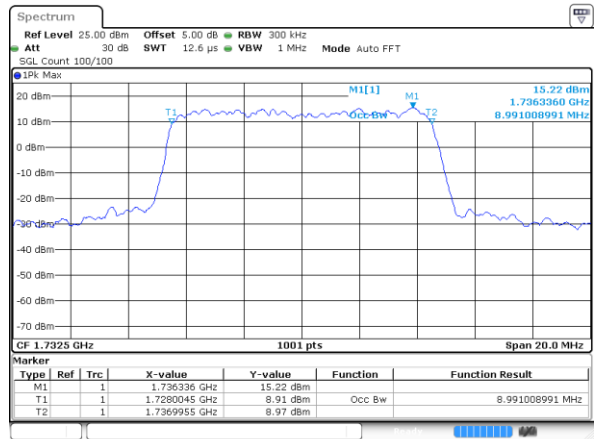
Lowest Channel / 10MHz / 16QAM



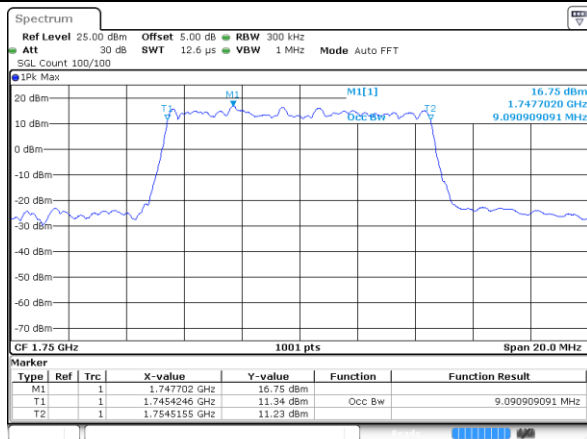
Middle Channel / 10MHz / QPSK



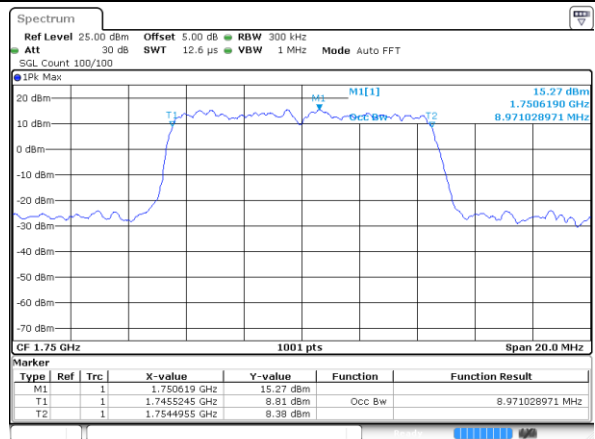
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



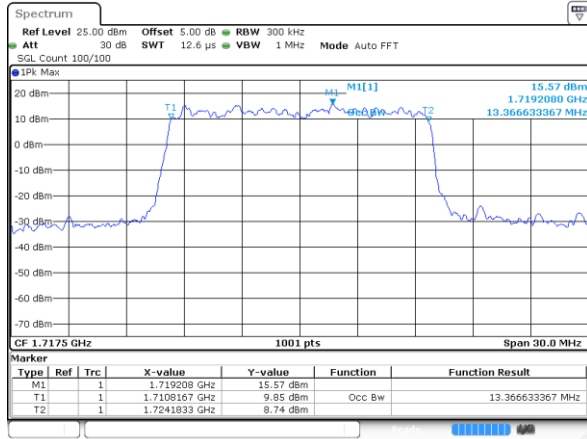
Highest Channel / 10MHz / 16QAM



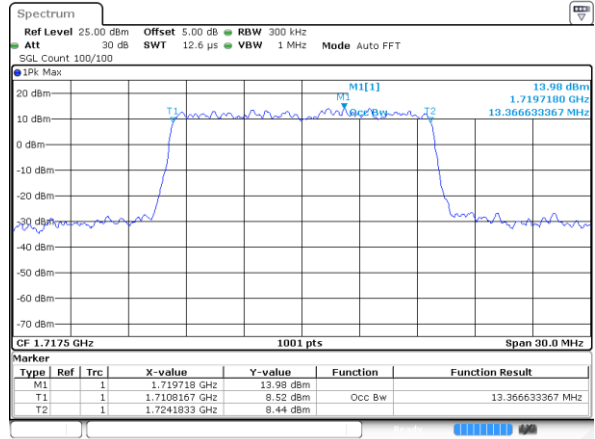


LTE Band 4

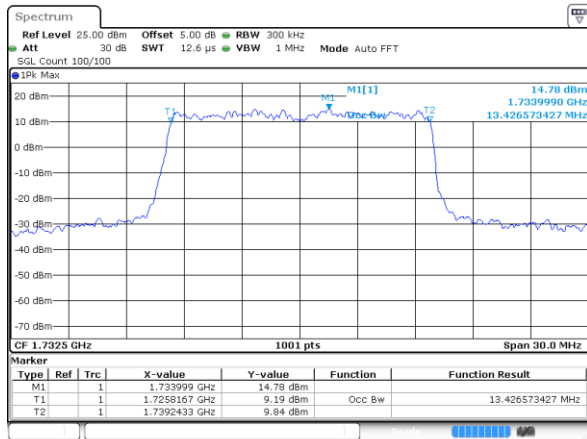
Lowest Channel / 15MHz / QPSK



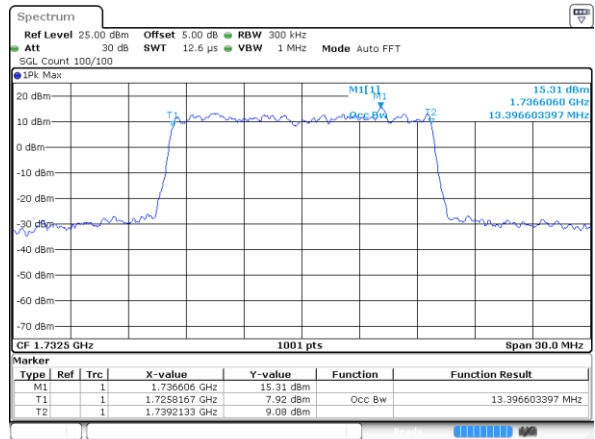
Lowest Channel / 15MHz / 16QAM



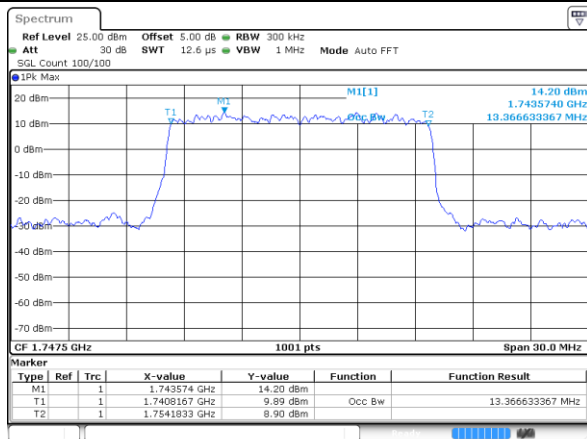
Middle Channel / 15MHz / QPSK



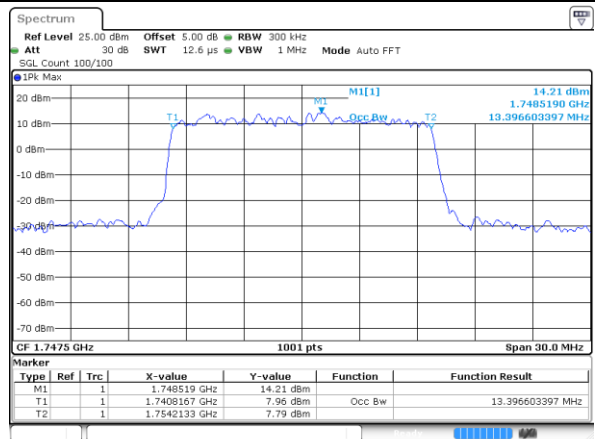
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



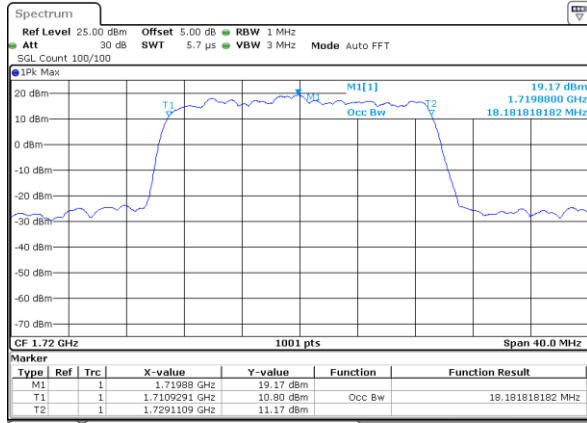
Highest Channel / 15MHz / 16QAM



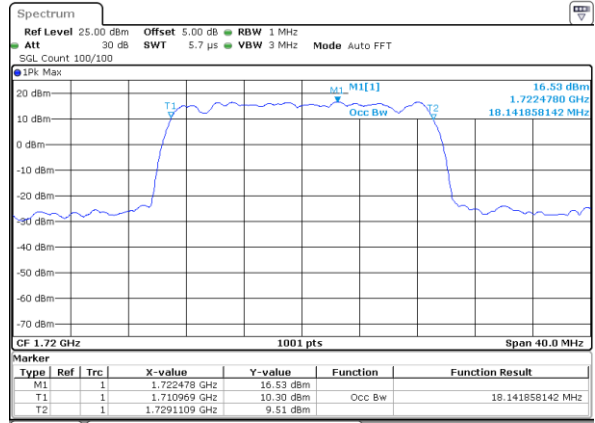


LTE Band 4

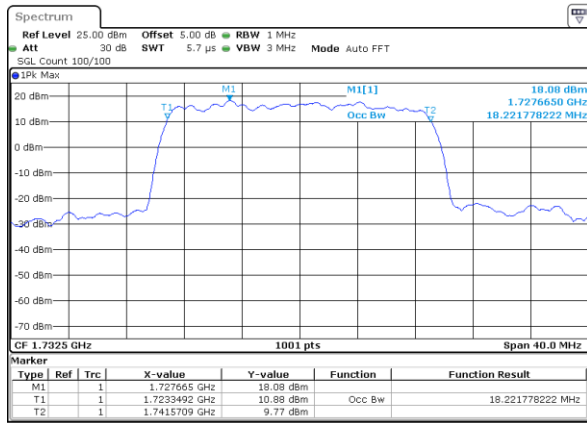
Lowest Channel / 20MHz / QPSK



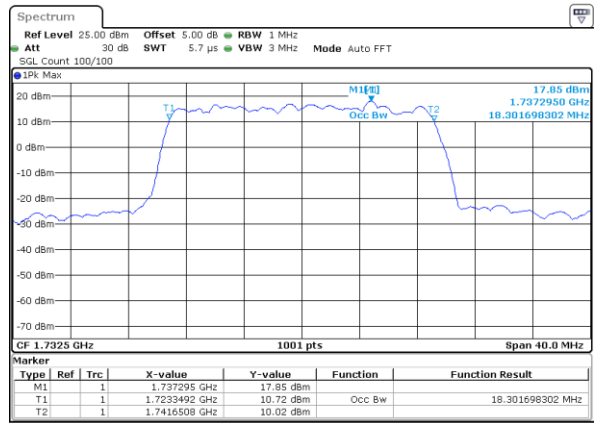
Lowest Channel / 20MHz / 16QAM



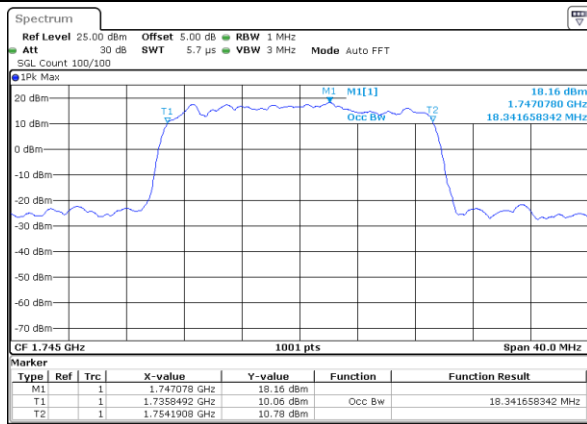
Middle Channel / 20MHz / QPSK



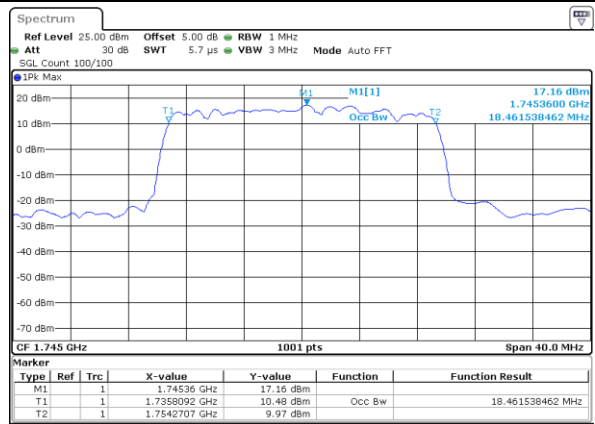
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



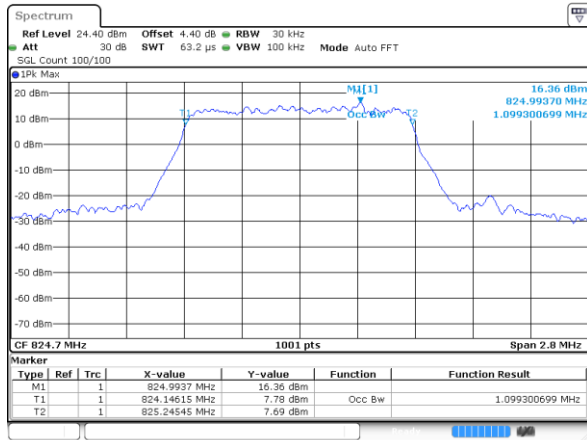
Highest Channel / 20MHz / 16QAM



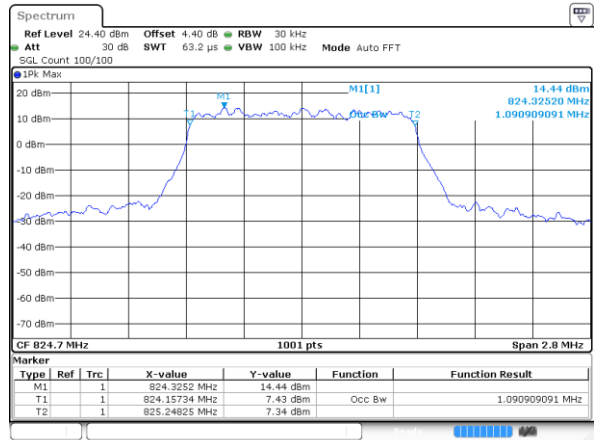


LTE Band 5

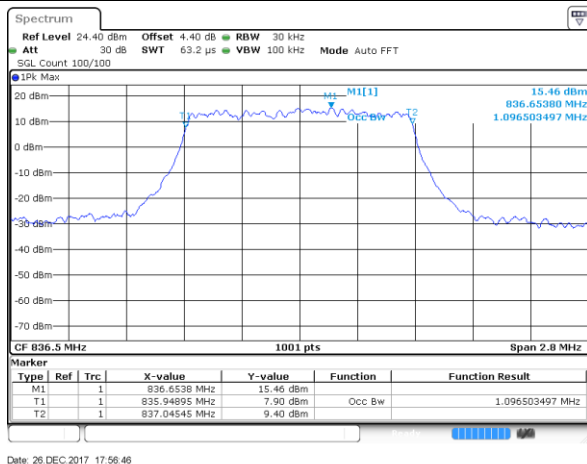
Lowest Channel / 1.4MHz / QPSK



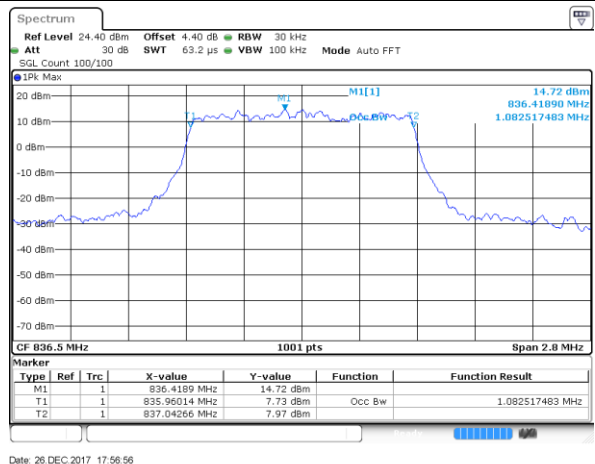
Lowest Channel / 1.4MHz / 16QAM



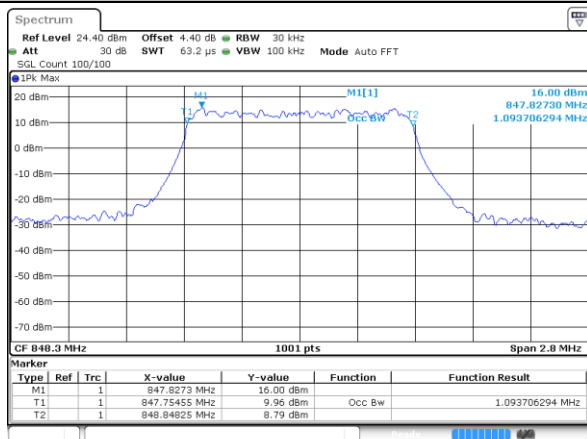
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

