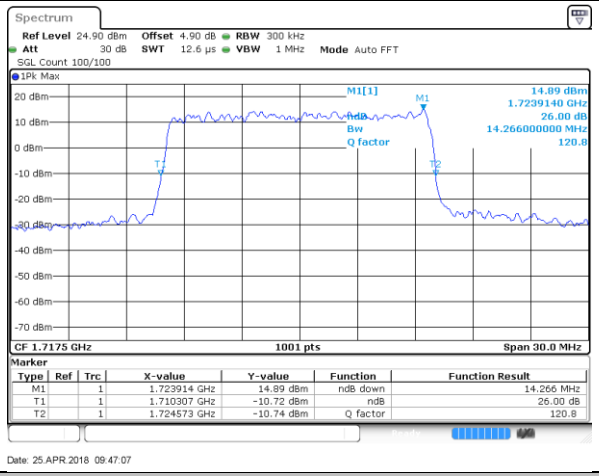
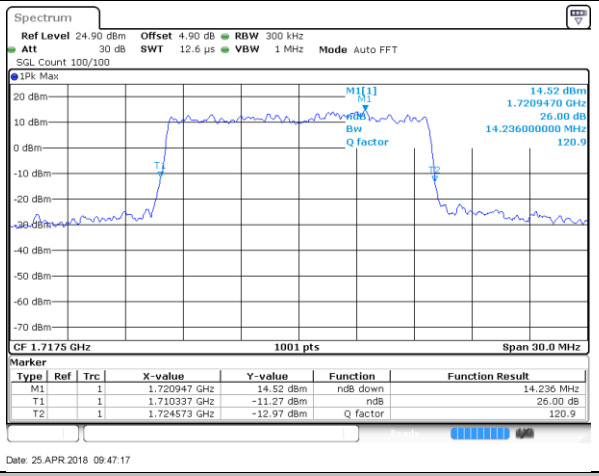
LTE Band 4

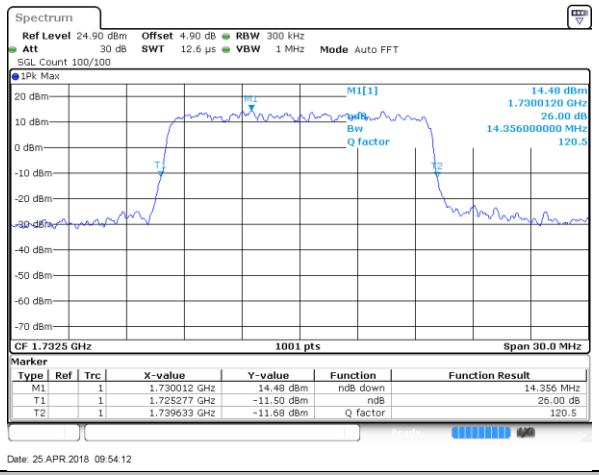
Lowest Channel / 15MHz / QPSK



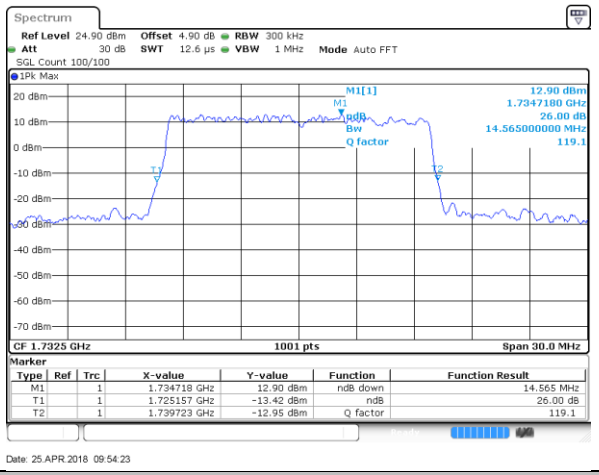
Lowest Channel / 15MHz / 16QAM



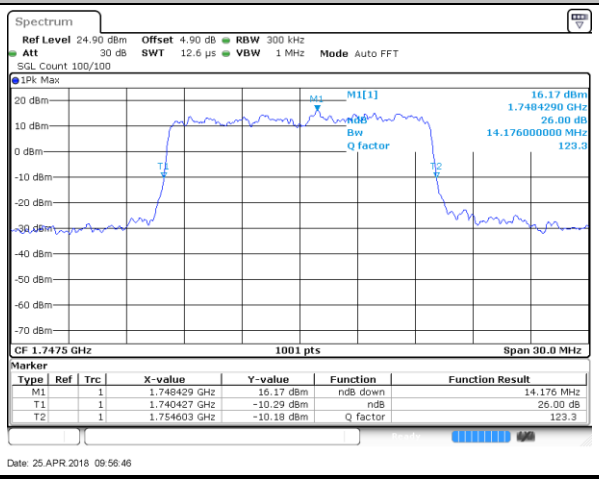
Middle Channel / 15MHz / QPSK



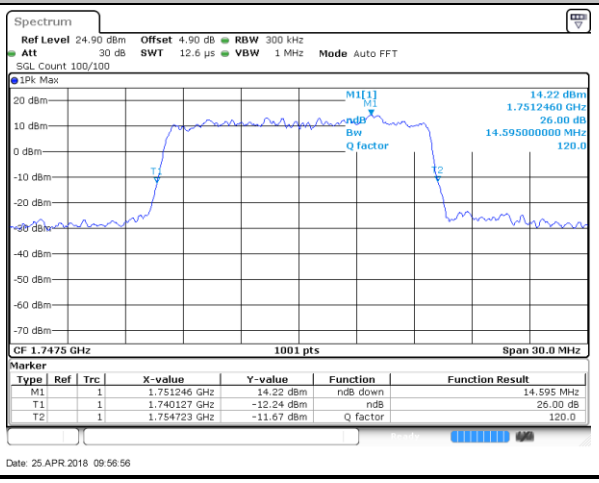
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

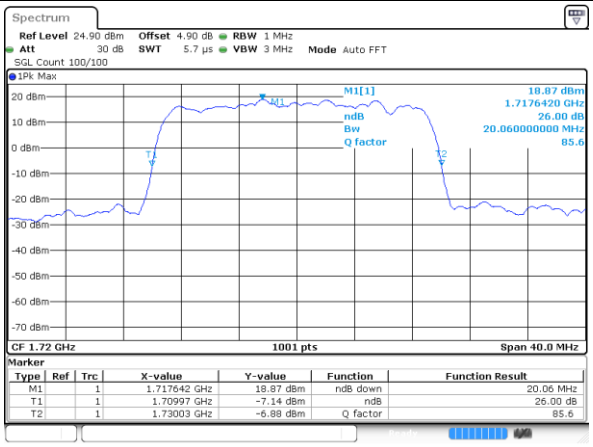


Highest Channel / 15MHz / 16QAM

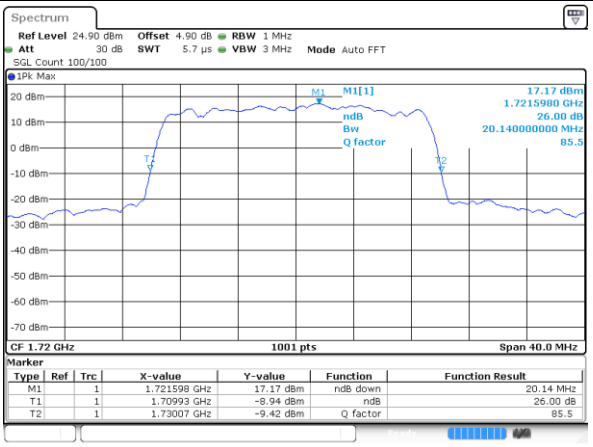


LTE Band 4

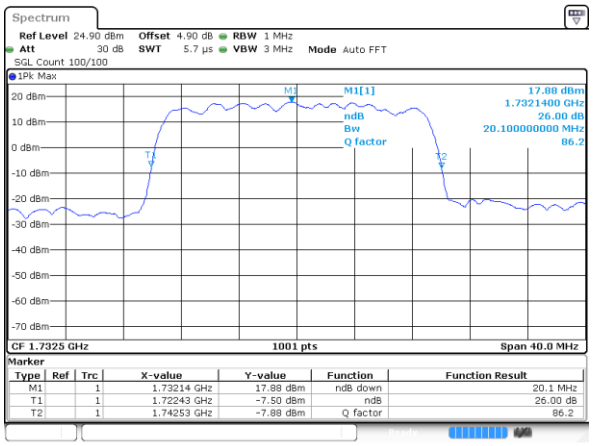
Lowest Channel / 20MHz / QPSK



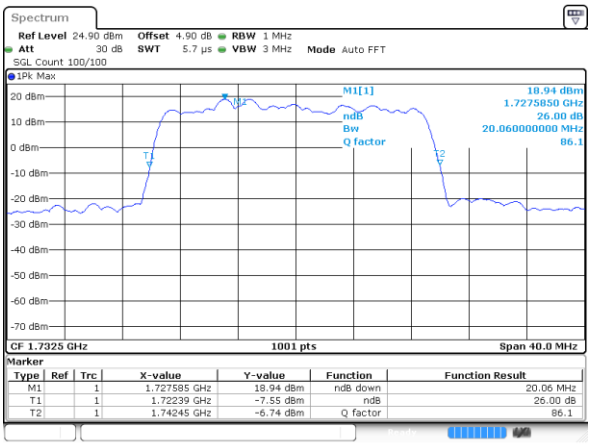
Lowest Channel / 20MHz / 16QAM



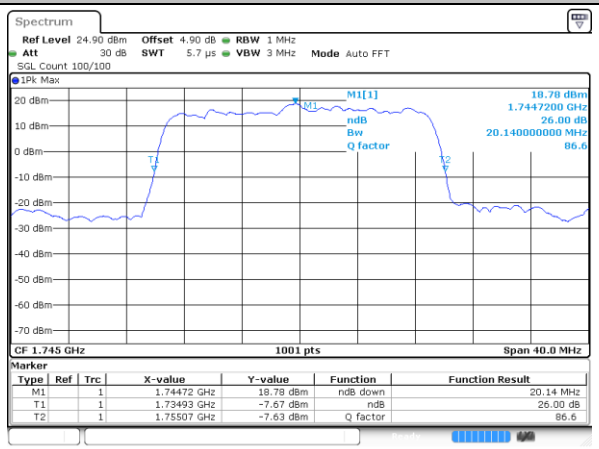
Middle Channel / 20MHz / QPSK



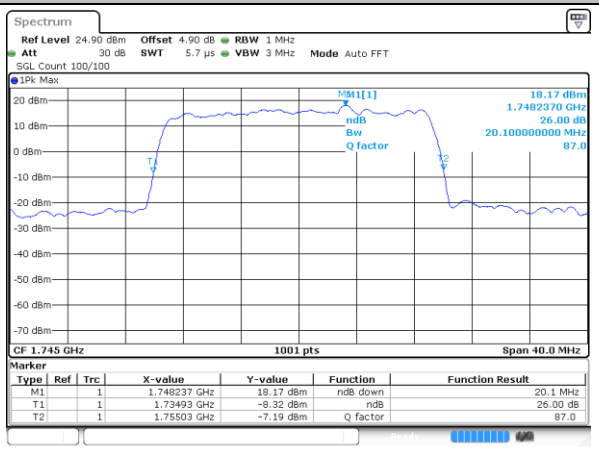
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

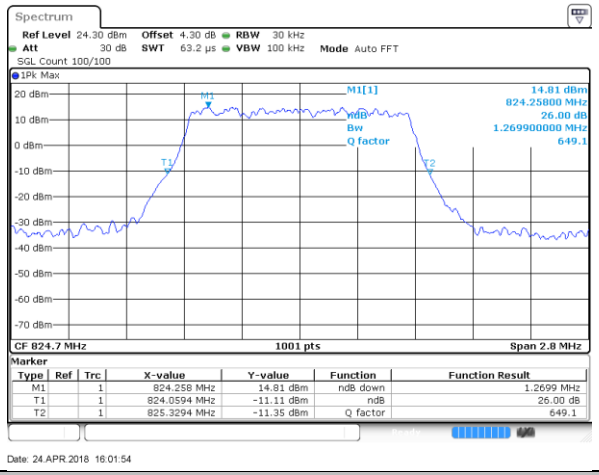


Highest Channel / 20MHz / 16QAM

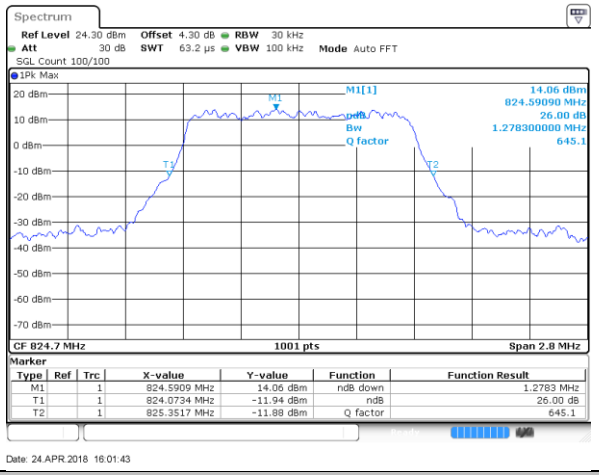


LTE Band 5

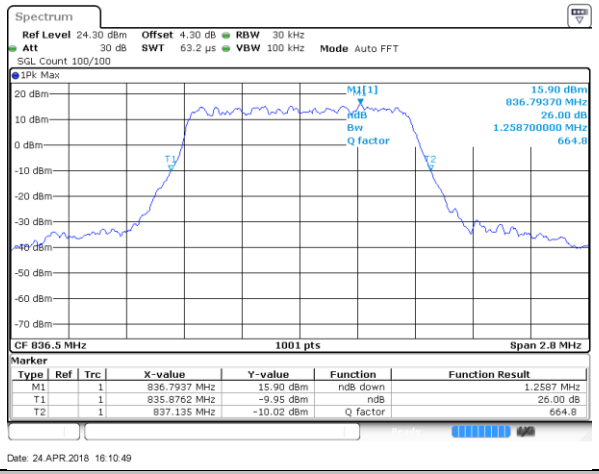
Lowest Channel / 1.4MHz / QPSK



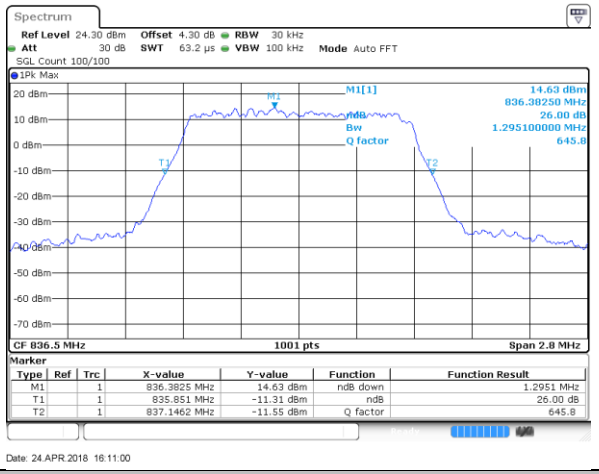
Lowest Channel / 1.4MHz / 16QAM



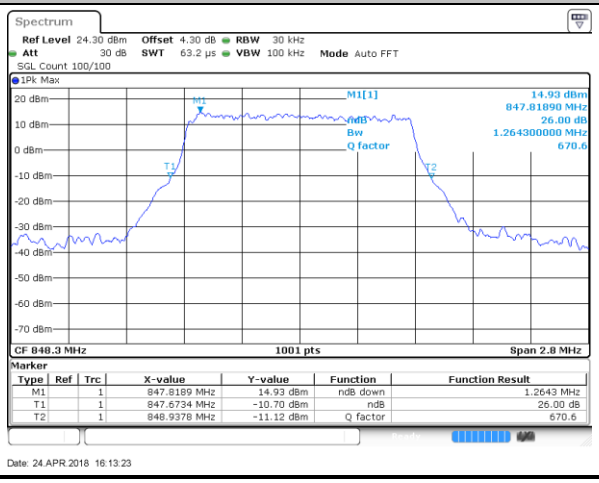
Middle Channel / 1.4MHz / QPSK



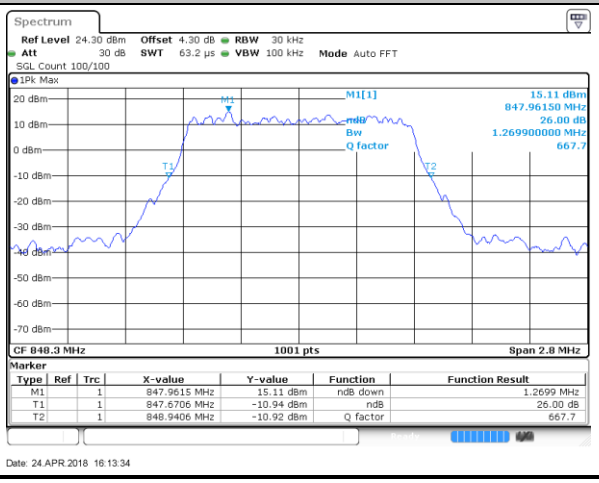
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

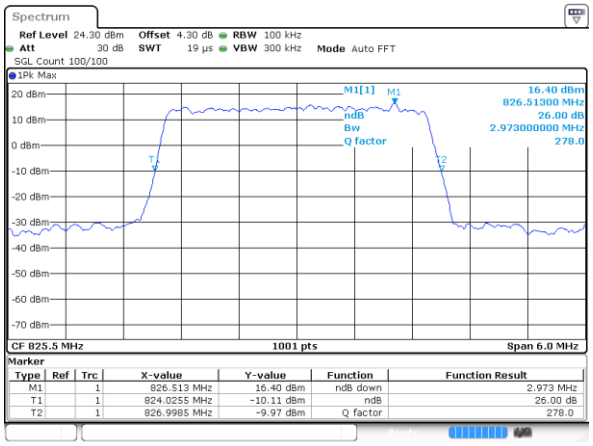


Highest Channel / 1.4MHz / 16QAM

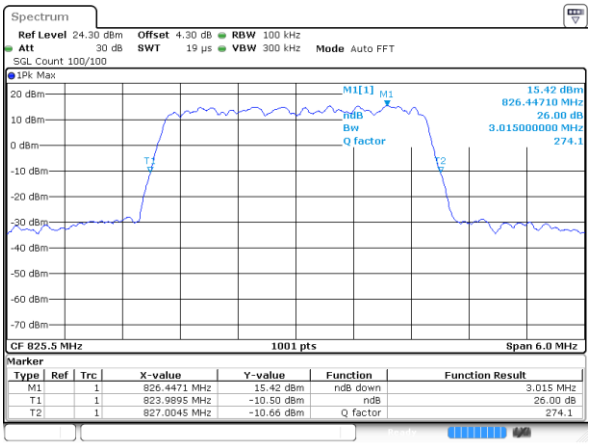


LTE Band 5

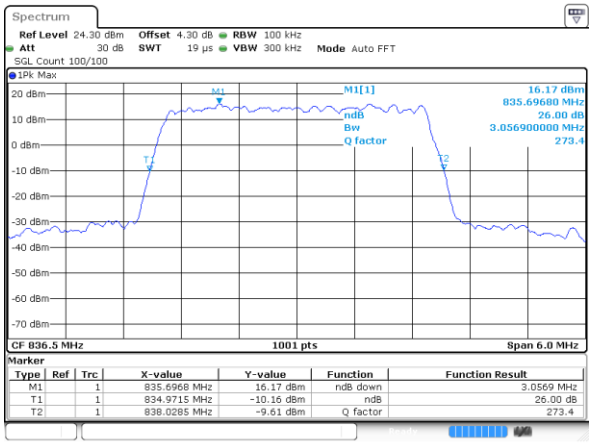
Lowest Channel / 3MHz / QPSK



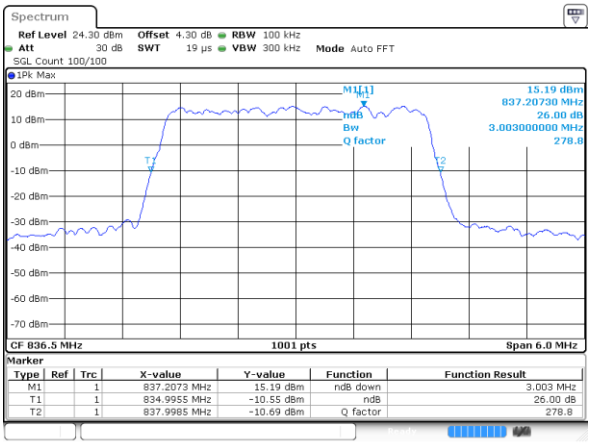
Lowest Channel / 3MHz / 16QAM



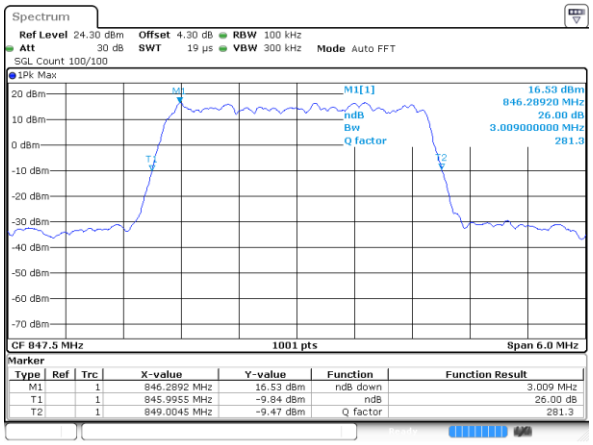
Middle Channel / 3MHz / QPSK



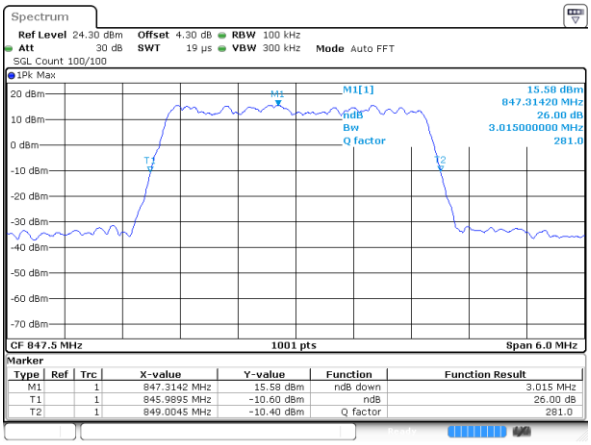
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

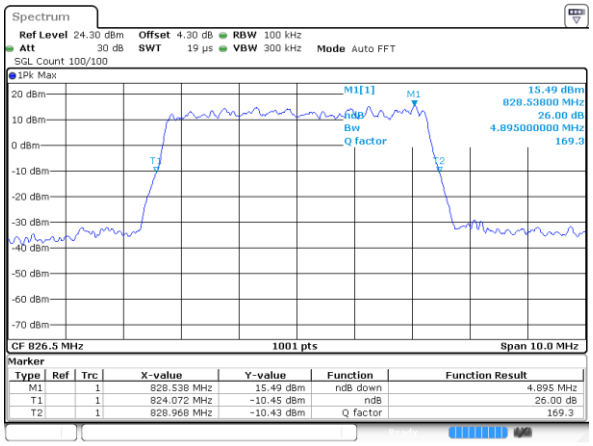


Highest Channel /3MHz / 16QAM

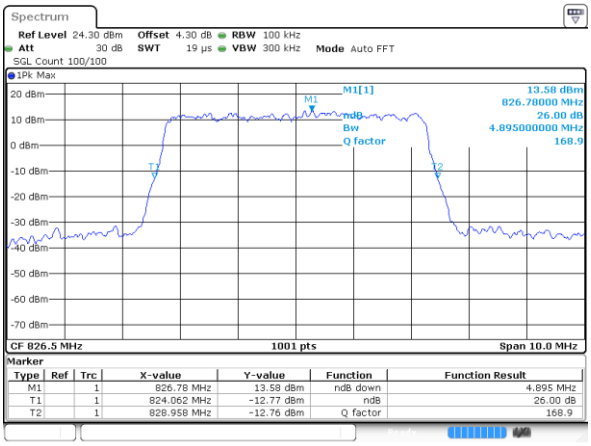


LTE Band 5

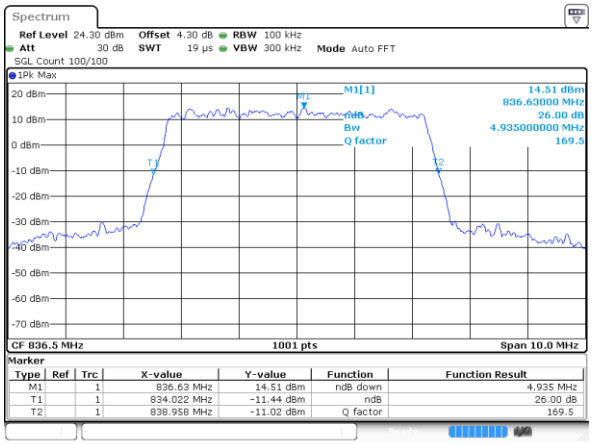
Lowest Channel / 5MHz / QPSK



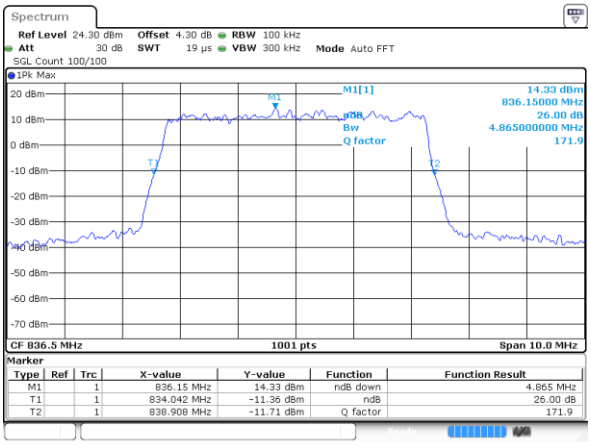
Lowest Channel / 5MHz / 16QAM



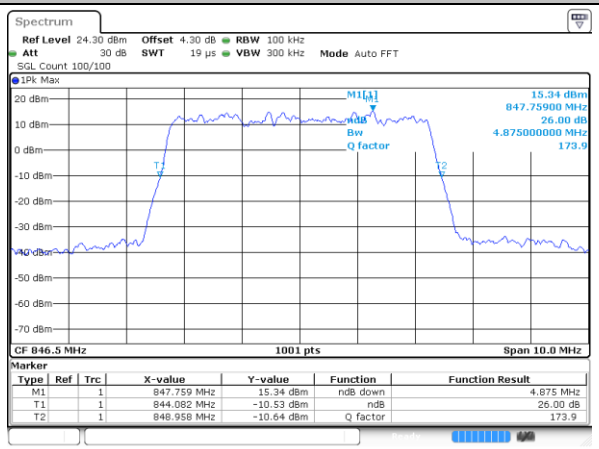
Middle Channel / 5MHz / QPSK



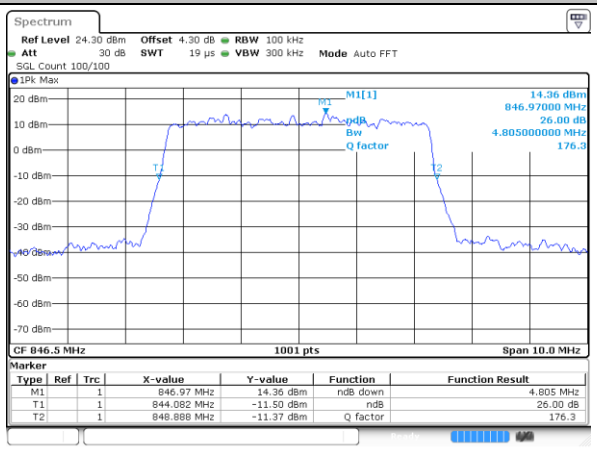
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

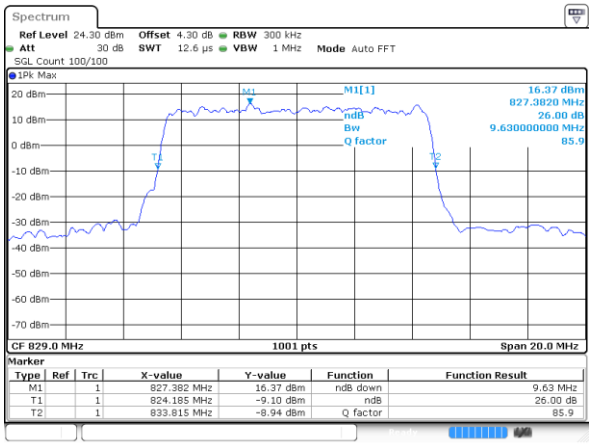


Highest Channel / 5MHz / 16QAM

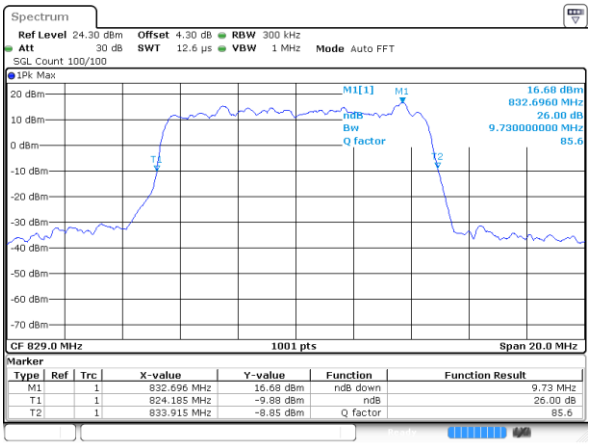


LTE Band 5

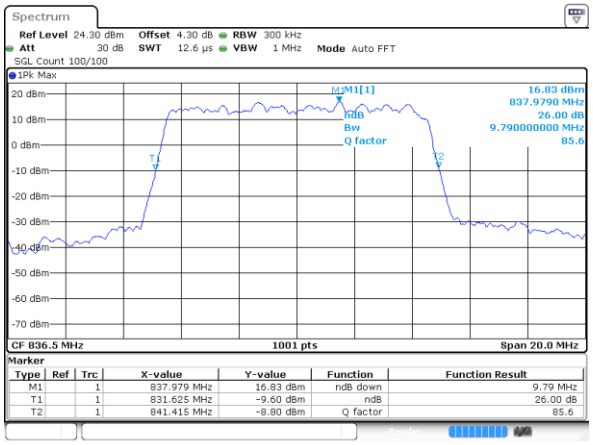
Lowest Channel / 10MHz / QPSK



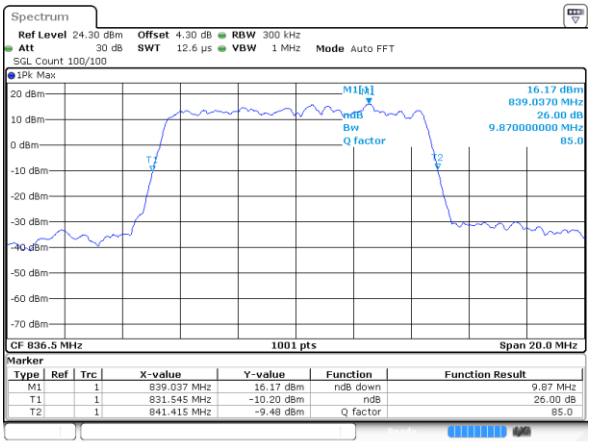
Lowest Channel / 10MHz / 16QAM



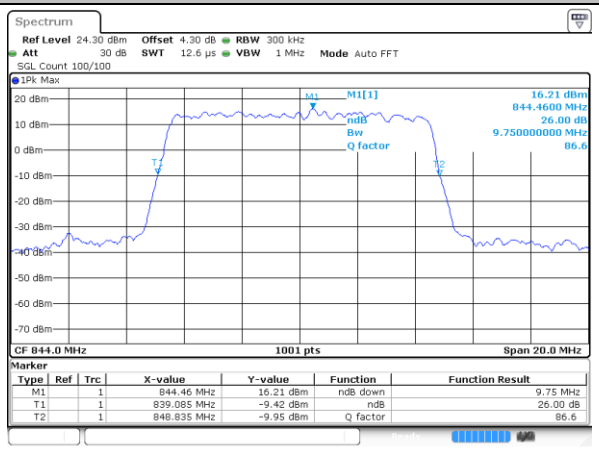
Middle Channel / 10MHz / QPSK



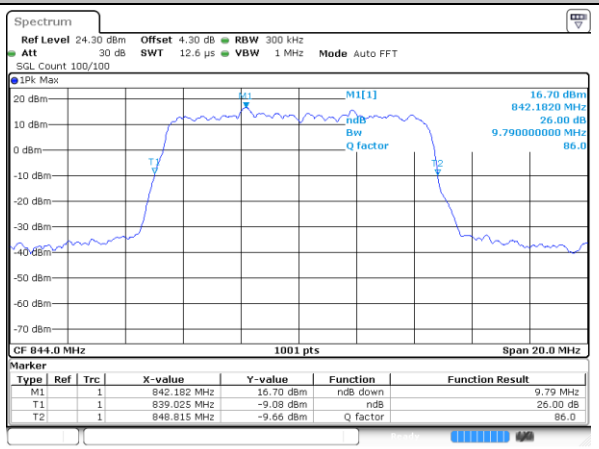
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

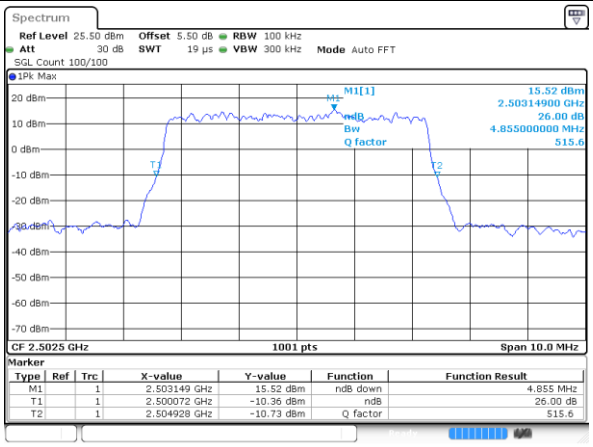


Highest Channel / 10MHz / 16QAM

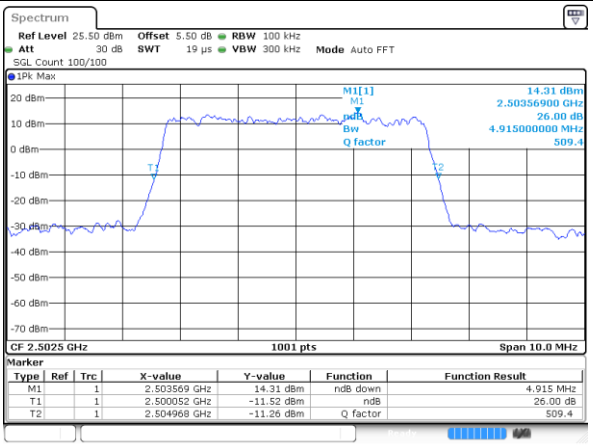


LTE Band 7

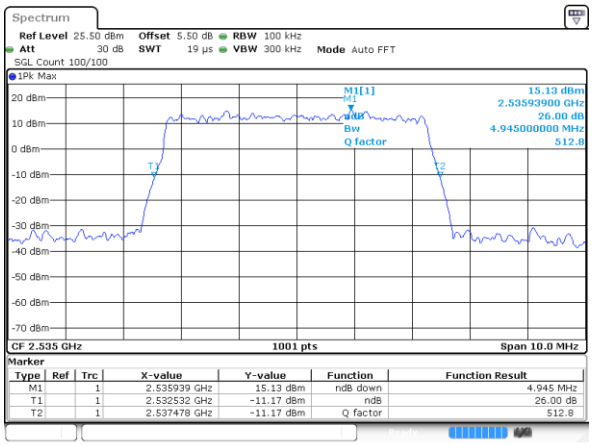
Lowest Channel / 5MHz / QPSK



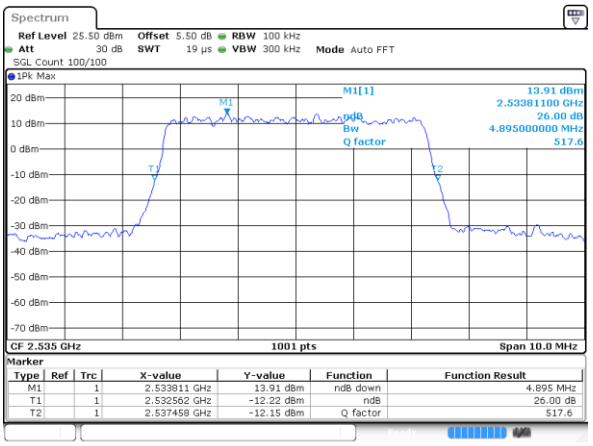
Lowest Channel / 5MHz / 16QAM



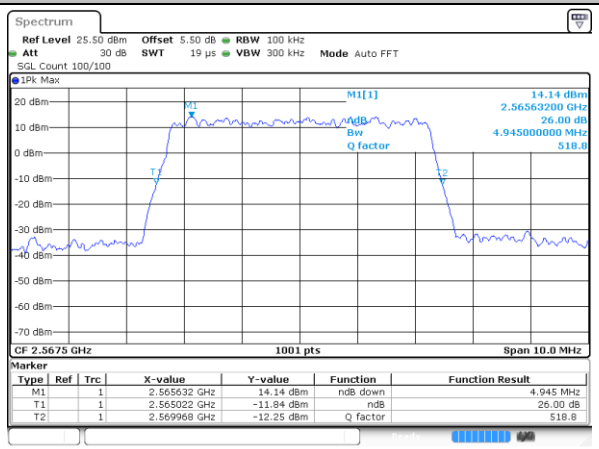
Middle Channel / 5MHz / QPSK



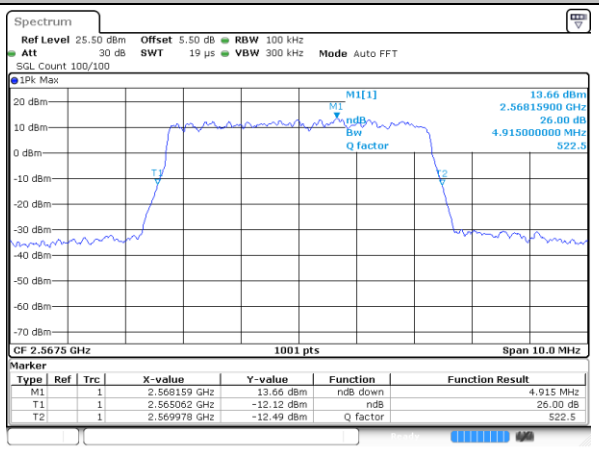
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

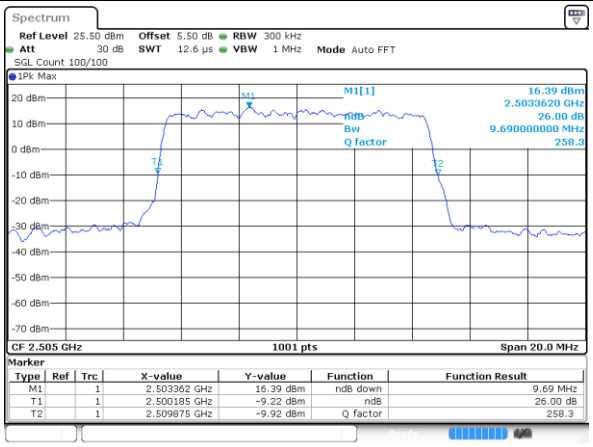


Highest Channel / 5MHz / 16QAM

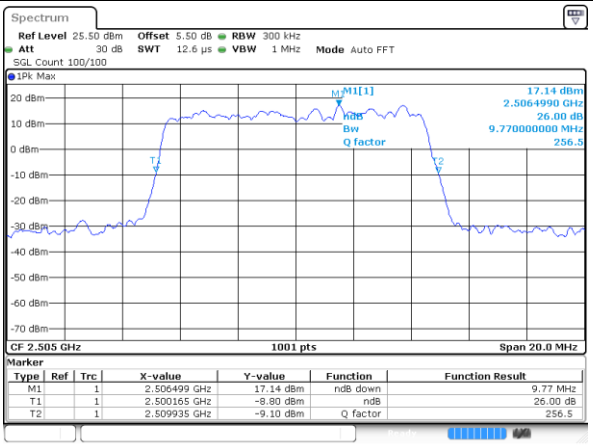


LTE Band 7

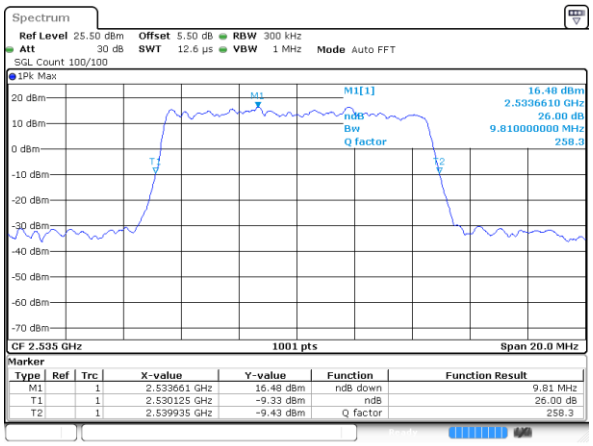
Lowest Channel / 10MHz / QPSK



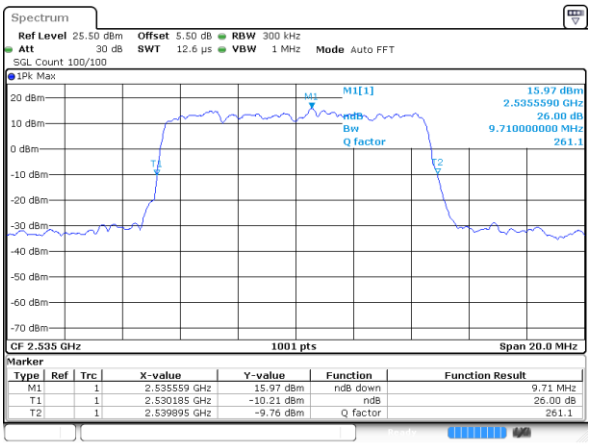
Lowest Channel / 10MHz / 16QAM



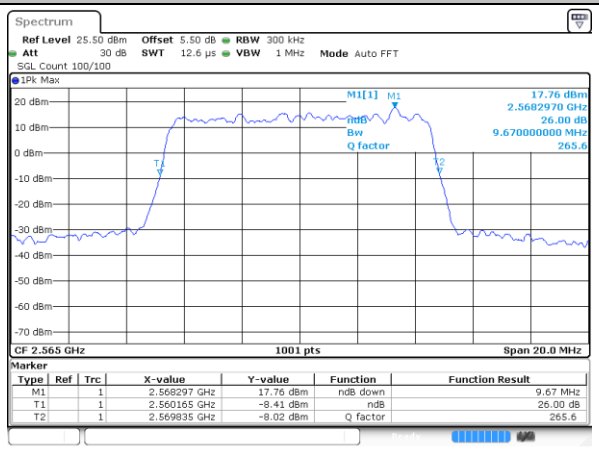
Middle Channel / 10MHz / QPSK



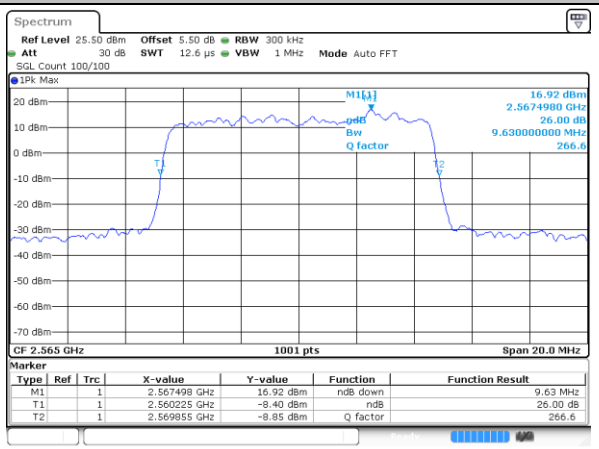
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

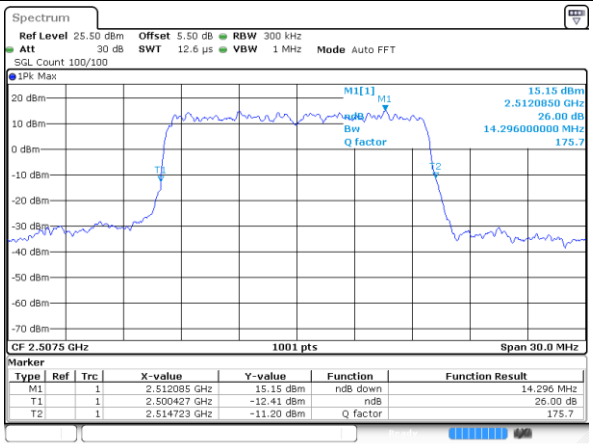


Highest Channel / 10MHz / 16QAM

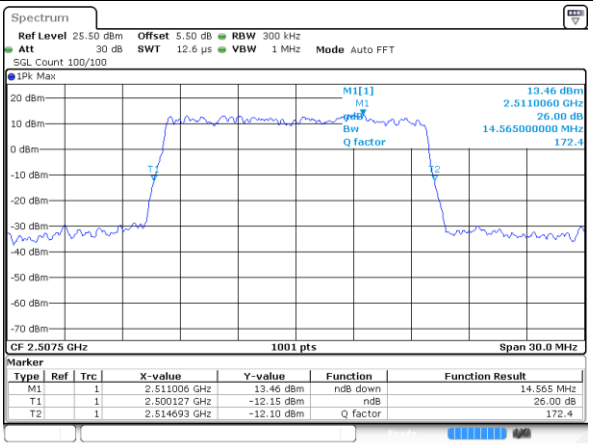


LTE Band 7

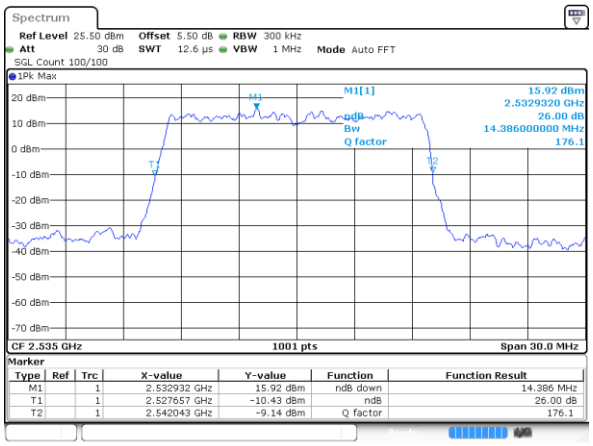
Lowest Channel / 15MHz / QPSK



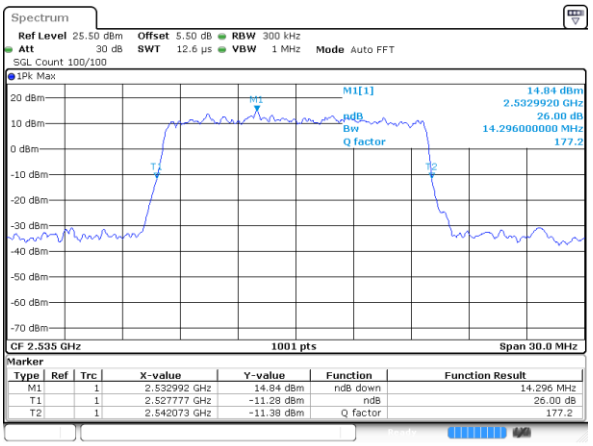
Lowest Channel / 15MHz / 16QAM



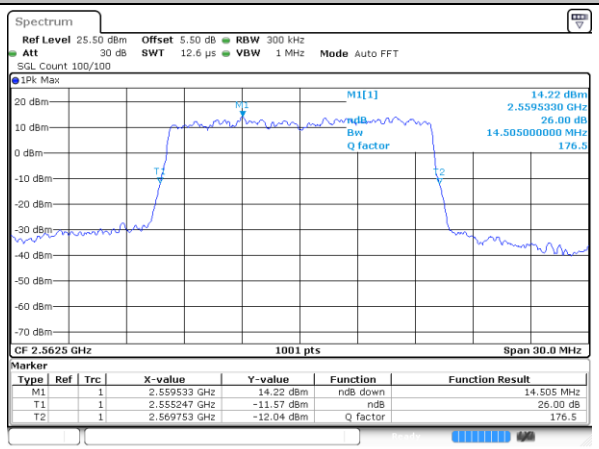
Middle Channel / 15MHz / QPSK



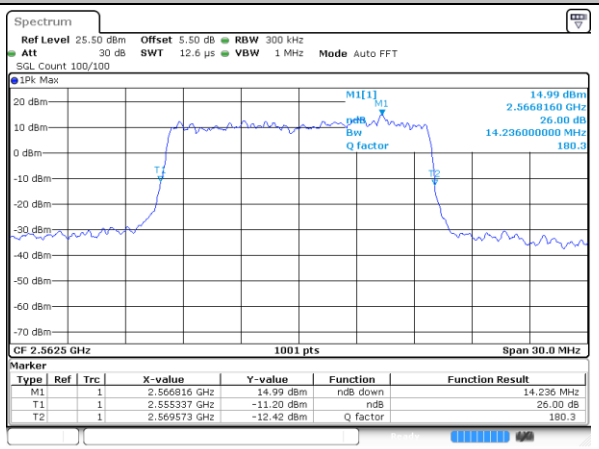
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

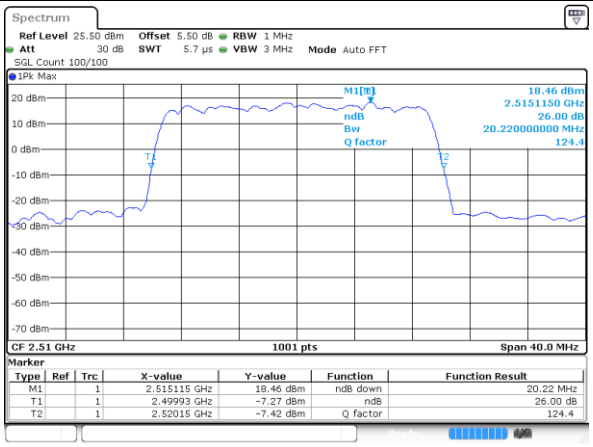


Highest Channel / 15MHz / 16QAM

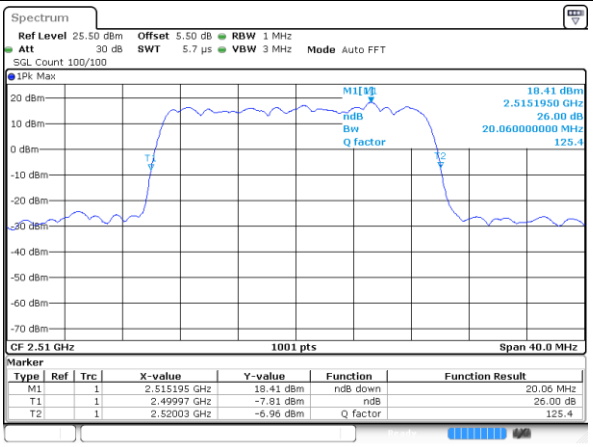


LTE Band 7

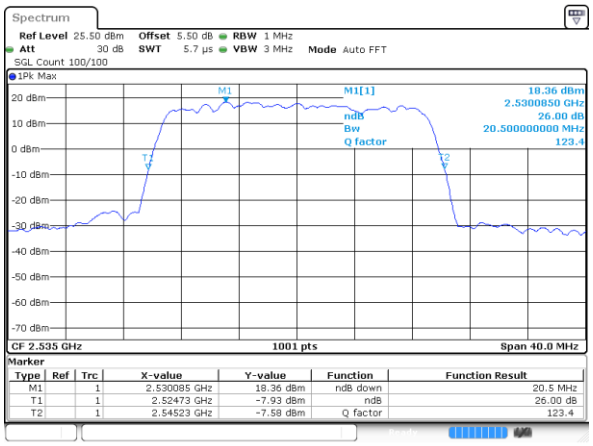
Lowest Channel / 20MHz / QPSK



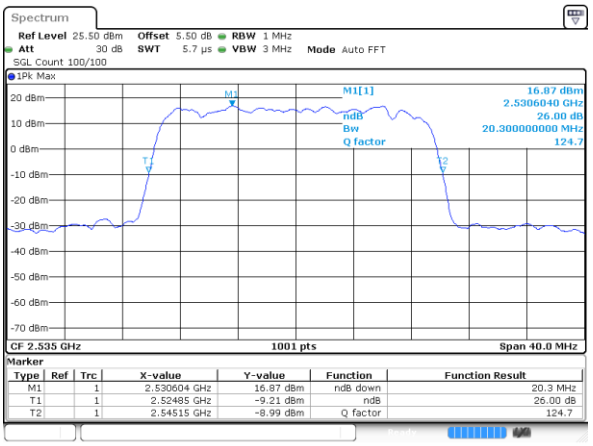
Lowest Channel / 20MHz / 16QAM



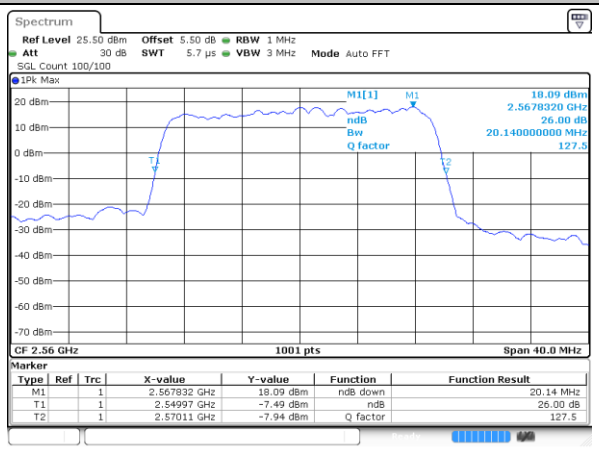
Middle Channel / 20MHz / QPSK



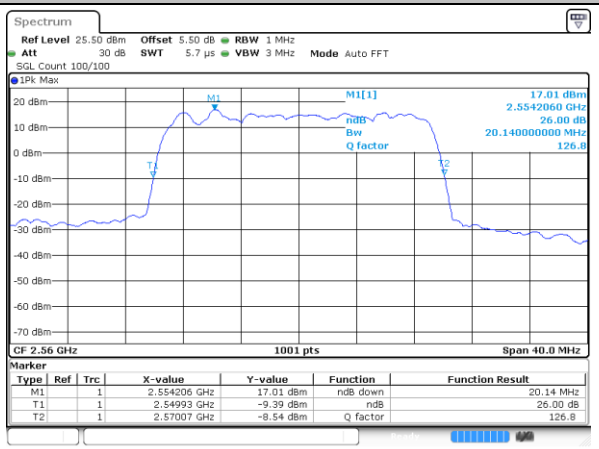
Middle Channel / 20MHz / 16QAM



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	2.76	1.09	2.72	2.72	4.48	4.49	8.95	8.99	13.37	13.37	18.26	18.22
Middle CH	1.09	1.10	2.70	2.71	4.49	4.49	8.99	8.95	13.37	13.43	18.30	18.14
Highest CH	1.09	1.10	2.72	2.70	4.50	4.49	9.05	8.93	13.43	13.46	18.42	18.26

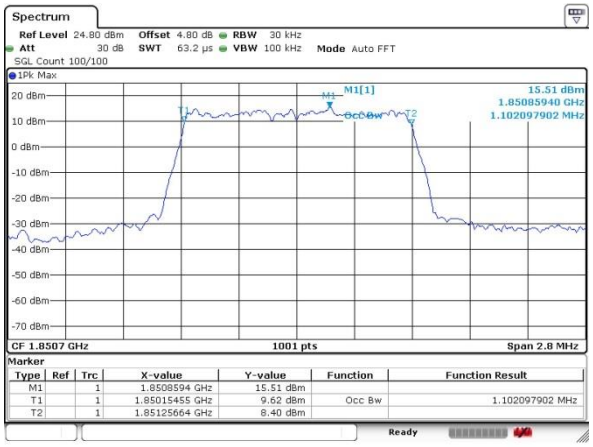
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.70	2.70	4.48	4.49	8.99	8.97	13.40	13.43	18.22	18.30
Middle CH	1.10	1.10	2.72	2.73	4.47	4.50	9.03	9.01	13.58	13.40	18.30	18.38
Highest CH	1.09	1.10	2.73	2.73	4.49	4.50	9.01	8.95	13.40	13.46	18.26	18.42

Mode	LTE Band 5 : 99%OBW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.72	2.72	4.48	4.48	8.95	8.99
Middle CH	1.09	1.10	2.73	2.73	4.48	4.49	9.01	9.01
Highest CH	1.09	1.10	2.72	2.71	4.52	4.50	9.01	8.99

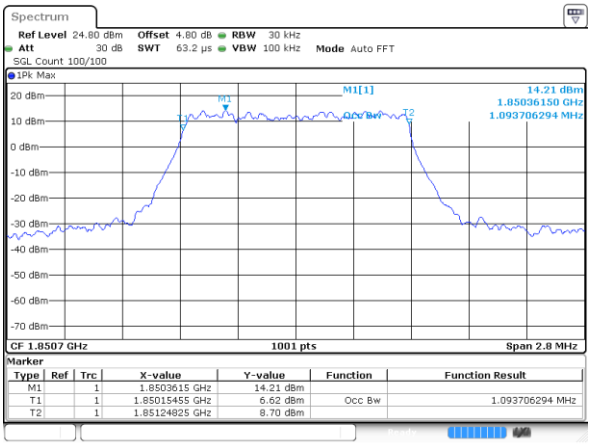
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.50	4.49	8.99	9.03	13.40	13.46	18.26	18.18
Middle CH	4.51	4.48	9.05	8.99	13.37	13.43	18.38	18.22
Highest CH	4.48	4.47	9.03	8.97	13.49	13.43	18.38	18.38

LTE Band 2

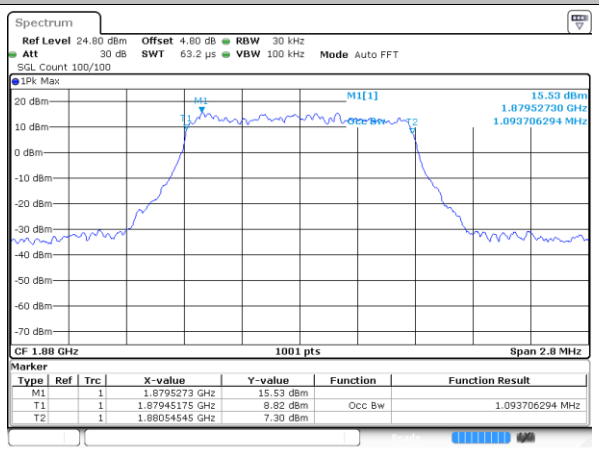
Lowest Channel / 1.4MHz / QPSK



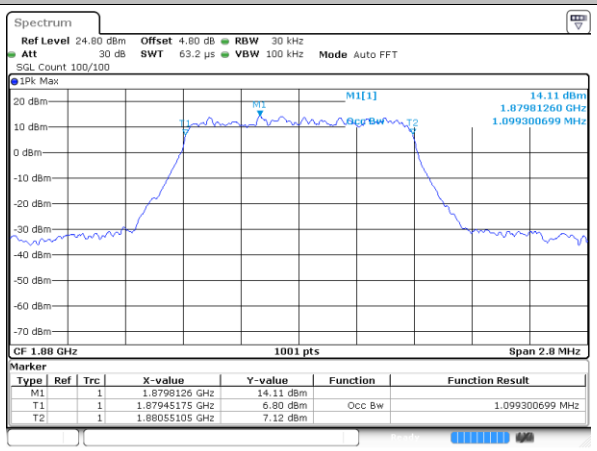
Lowest Channel / 1.4MHz / 16QAM



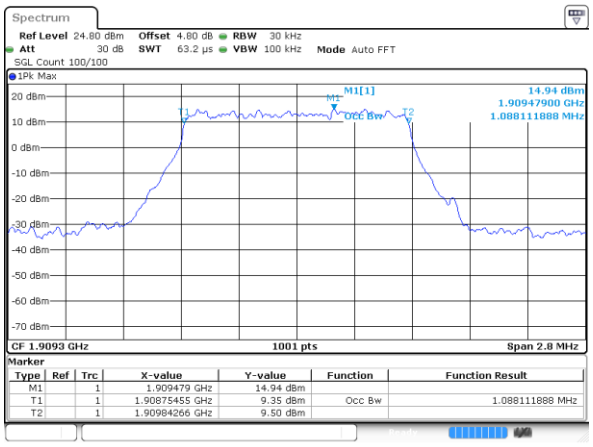
Middle Channel / 1.4MHz / QPSK



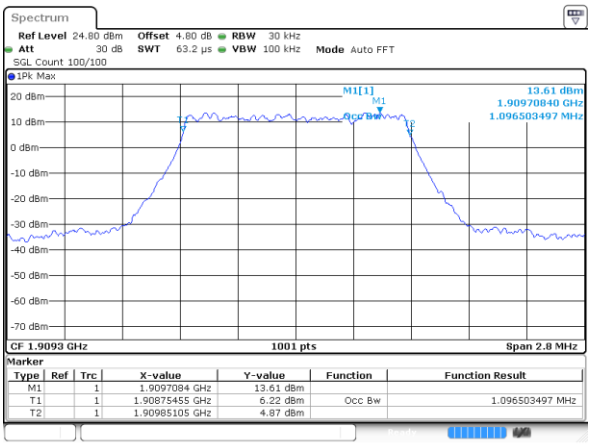
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

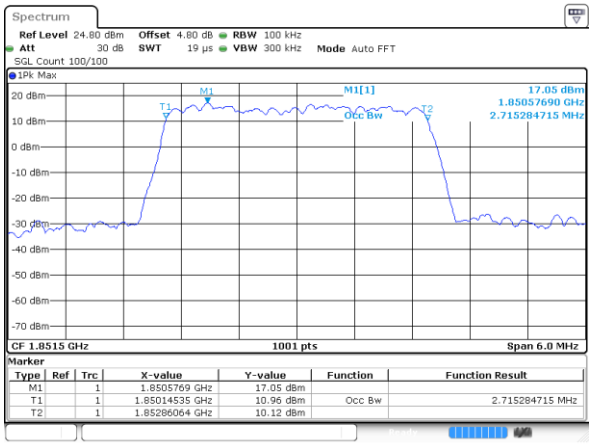


Highest Channel / 1.4MHz / 16QAM



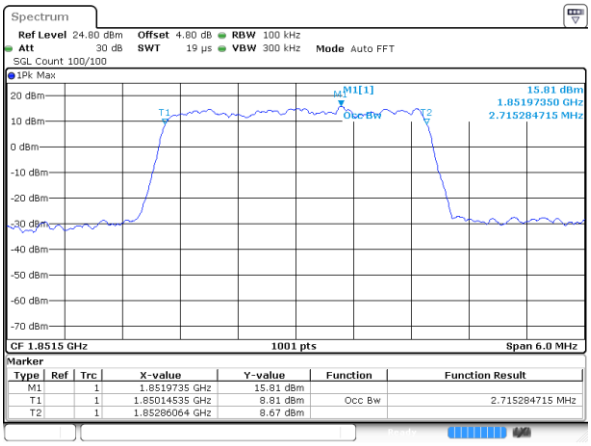
LTE Band 2

Lowest Channel / 3MHz / QPSK



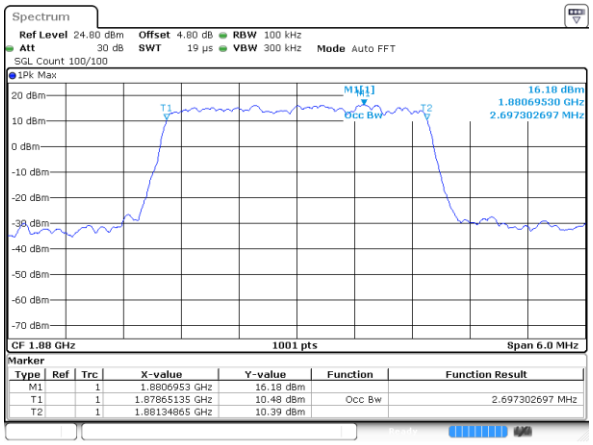
Date: 24.APR.2018 14:15:51

Lowest Channel / 3MHz / 16QAM



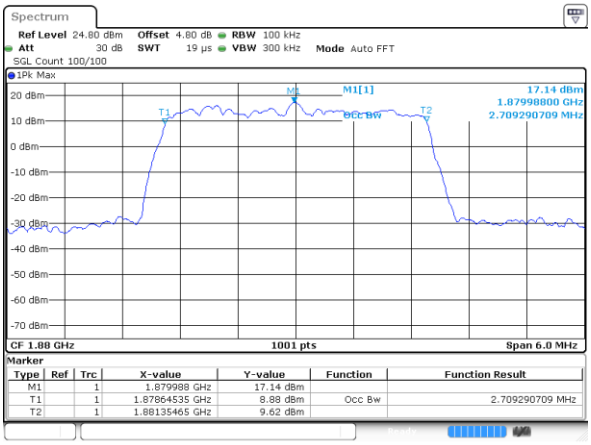
Date: 24.APR.2018 14:16:03

Middle Channel / 3MHz / QPSK



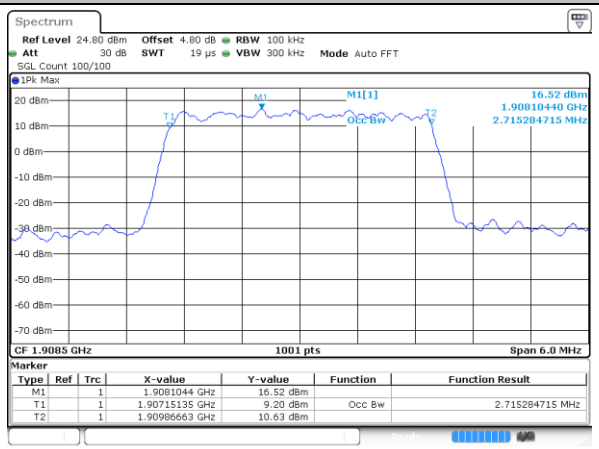
Date: 24.APR.2018 14:22:58

Middle Channel / 3MHz / 16QAM



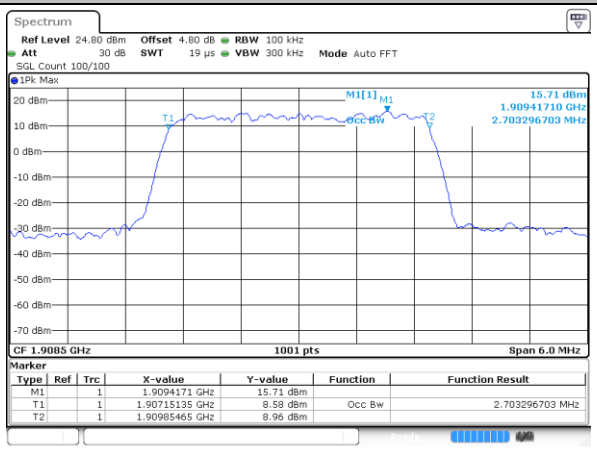
Date: 24.APR.2018 14:23:09

Highest Channel / 3MHz / QPSK



Date: 24.APR.2018 14:25:32

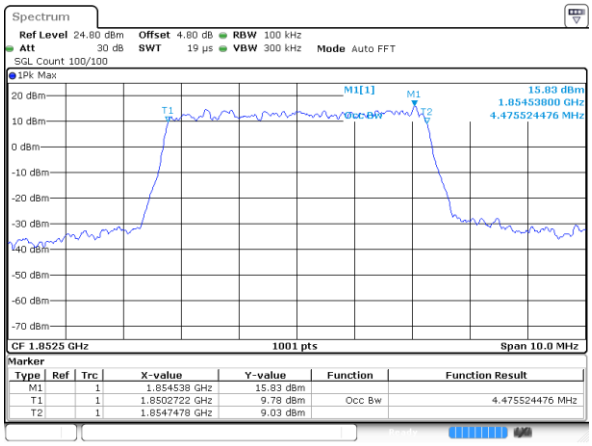
Highest Channel / 3MHz / 16QAM



Date: 24.APR.2018 14:25:43

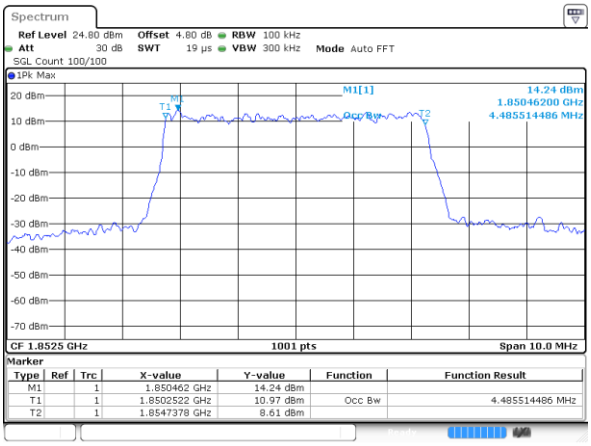
LTE Band 2

Lowest Channel / 5MHz / QPSK



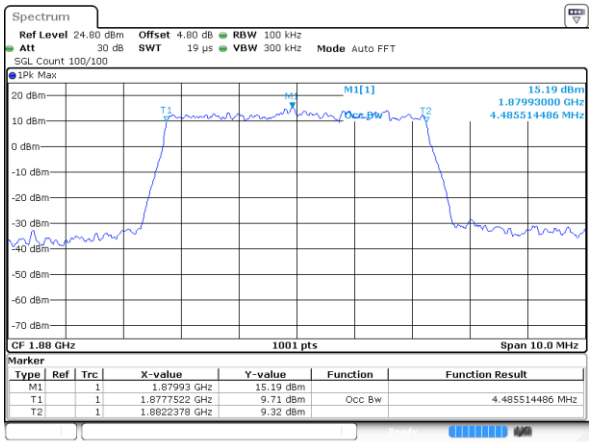
Date: 24.APR.2018 14:32:38

Lowest Channel / 5MHz / 16QAM



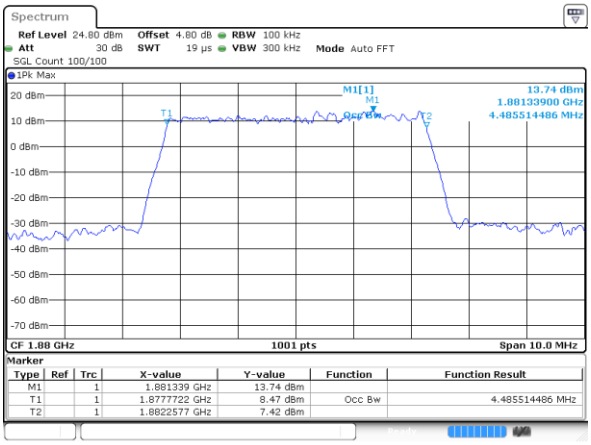
Date: 24.APR.2018 14:32:49

Middle Channel / 5MHz / QPSK



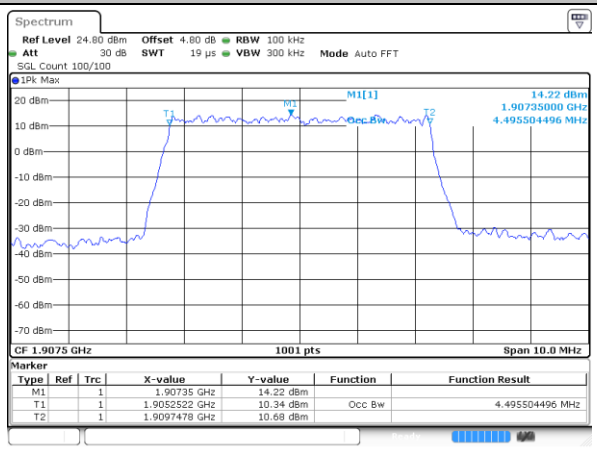
Date: 24.APR.2018 14:39:44

Middle Channel / 5MHz / 16QAM



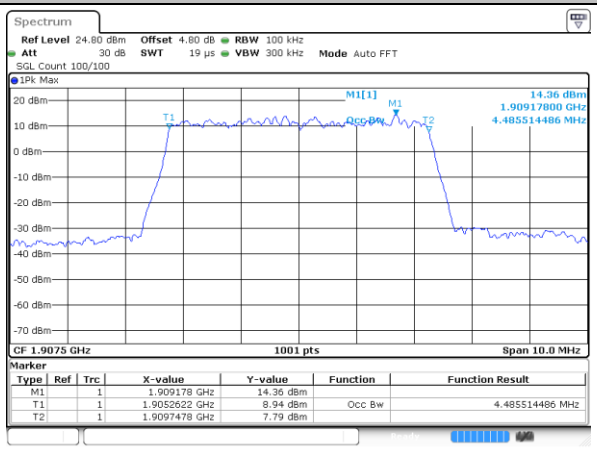
Date: 24.APR.2018 14:39:55

Highest Channel / 5MHz / QPSK



Date: 24.APR.2018 14:42:17

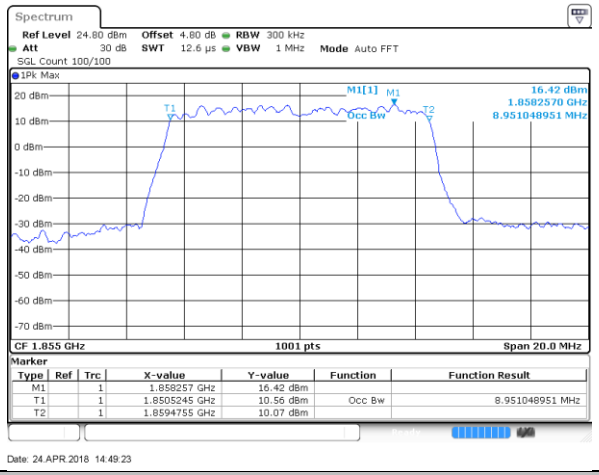
Highest Channel / 5MHz / 16QAM



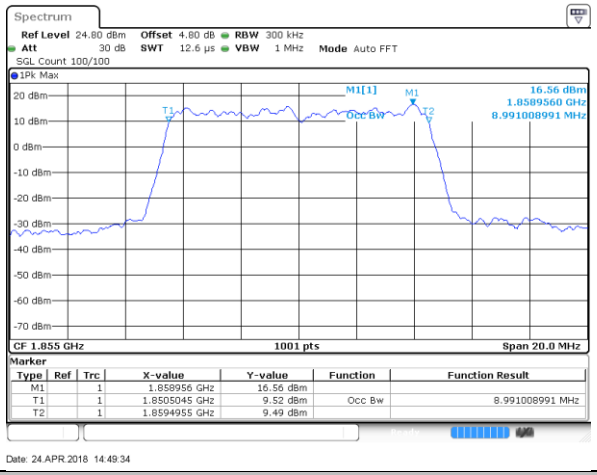
Date: 24.APR.2018 14:42:28

LTE Band 2

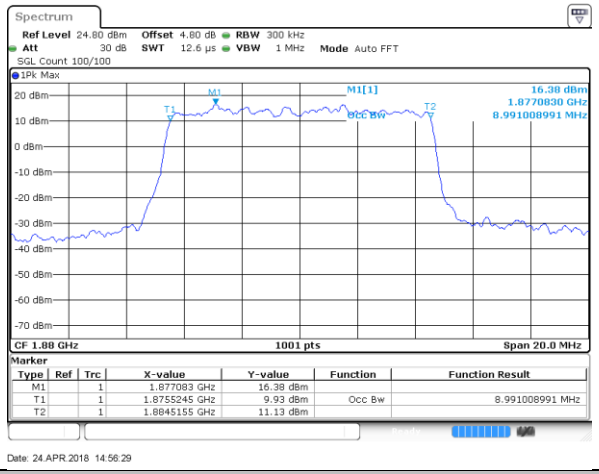
Lowest Channel / 10MHz / QPSK



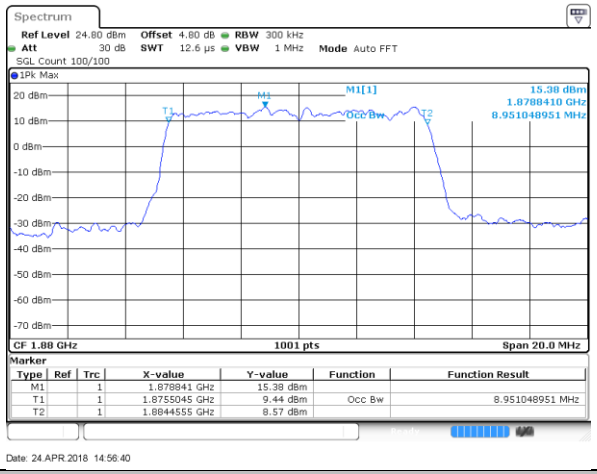
Lowest Channel / 10MHz / 16QAM



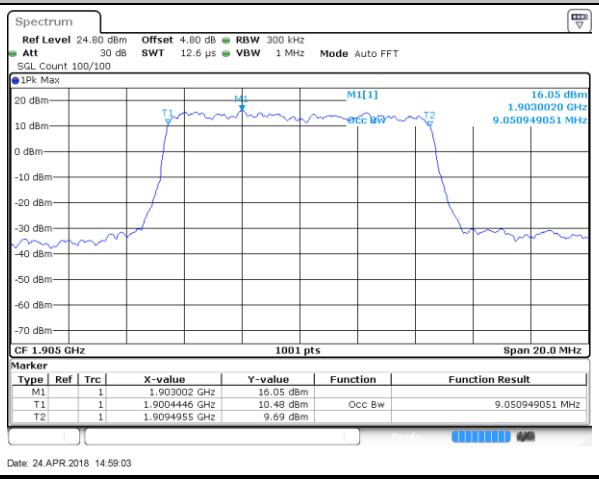
Middle Channel / 10MHz / QPSK



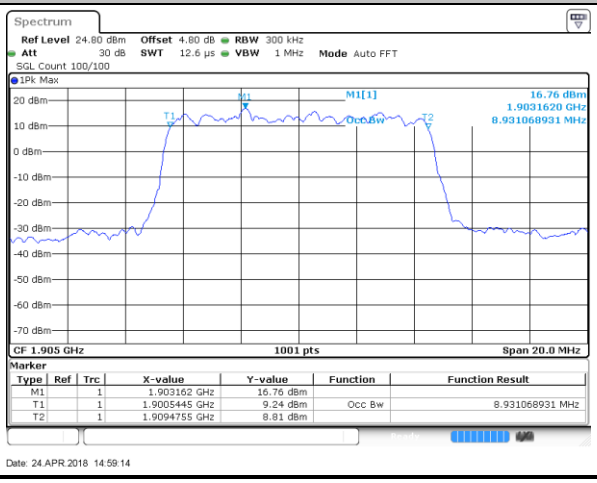
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

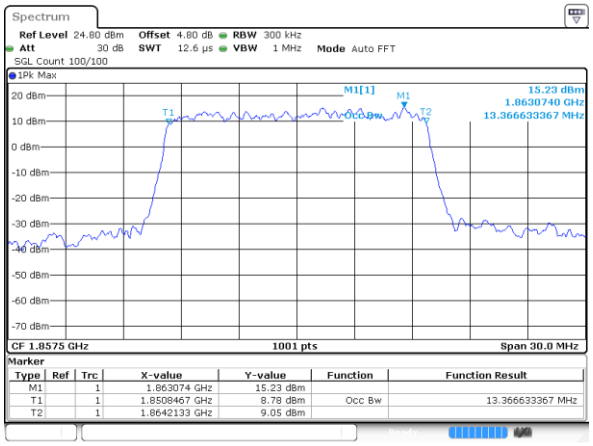


Highest Channel / 10MHz / 16QAM



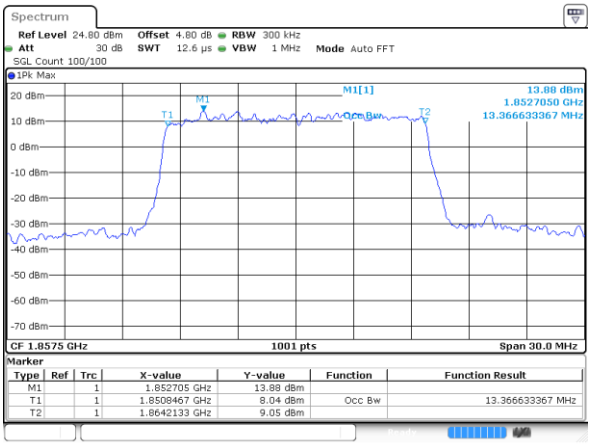
LTE Band 2

Lowest Channel / 15MHz / QPSK



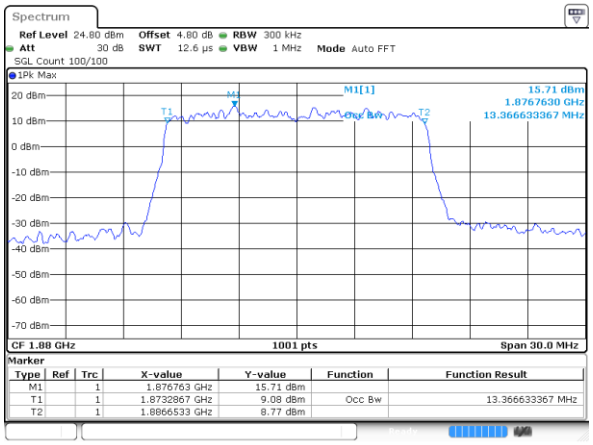
Date: 24.APR.2018 15:06:09

Lowest Channel / 15MHz / 16QAM



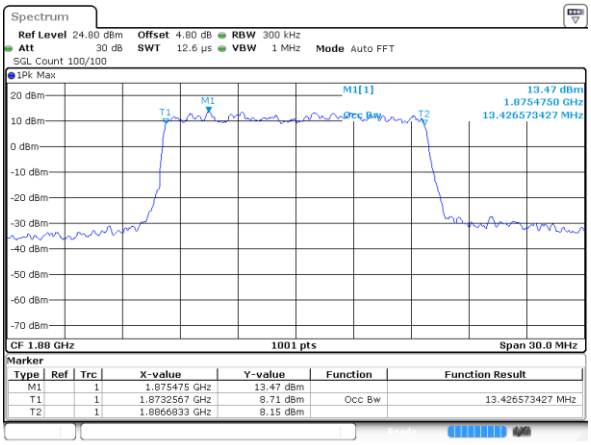
Date: 24.APR.2018 15:06:20

Middle Channel / 15MHz / QPSK



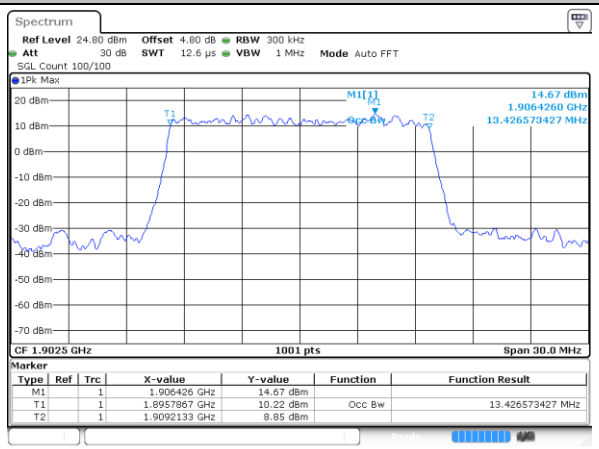
Date: 24.APR.2018 15:13:15

Middle Channel / 15MHz / 16QAM



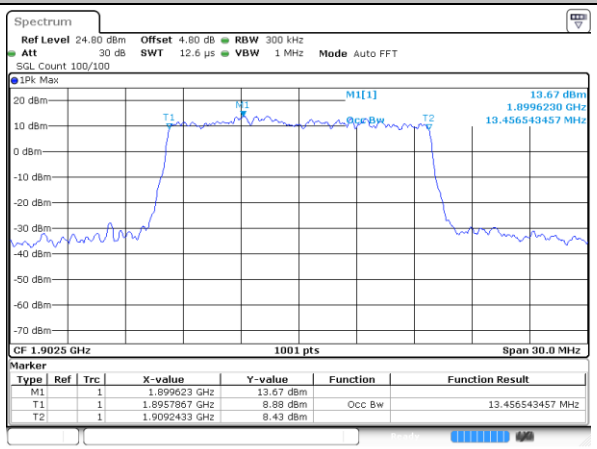
Date: 24.APR.2018 15:13:26

Highest Channel / 15MHz / QPSK



Date: 24.APR.2018 15:15:49

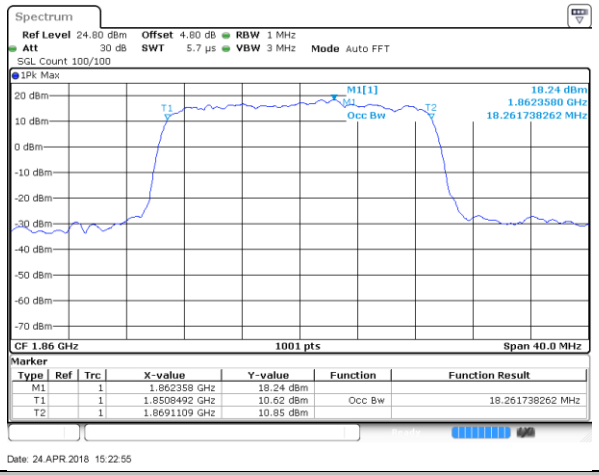
Highest Channel / 15MHz / 16QAM



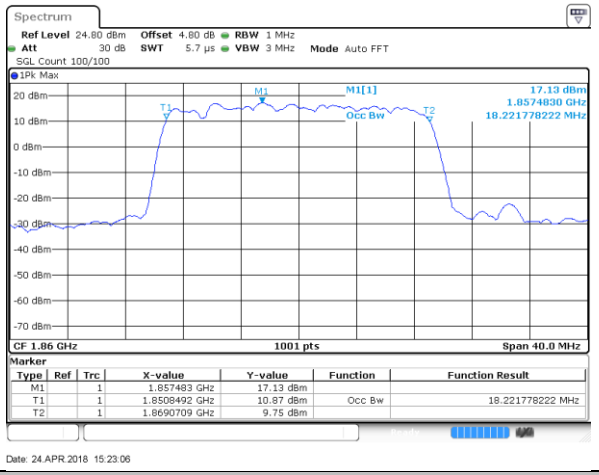
Date: 24.APR.2018 15:16:00

LTE Band 2

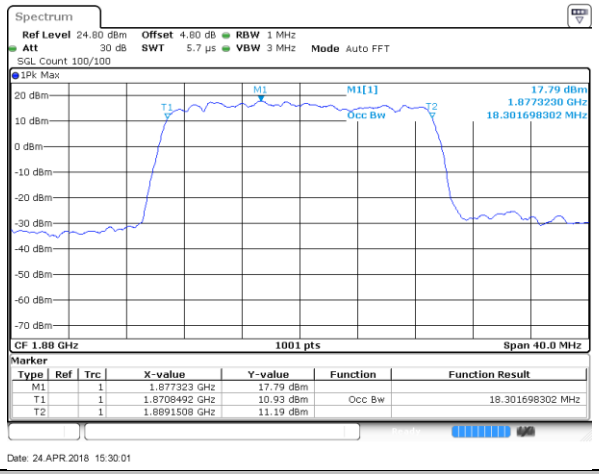
Lowest Channel / 20MHz / QPSK



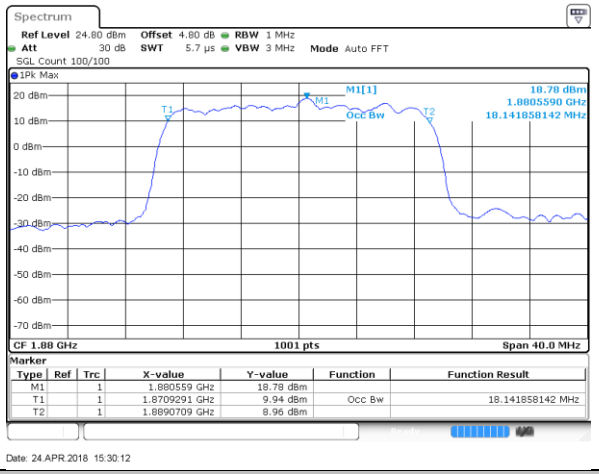
Lowest Channel / 20MHz / 16QAM



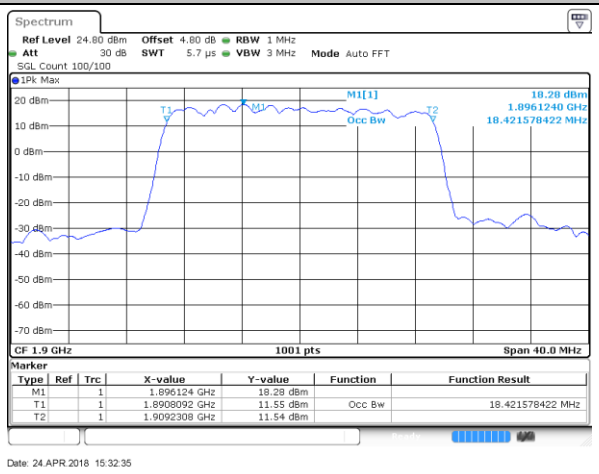
Middle Channel / 20MHz / QPSK



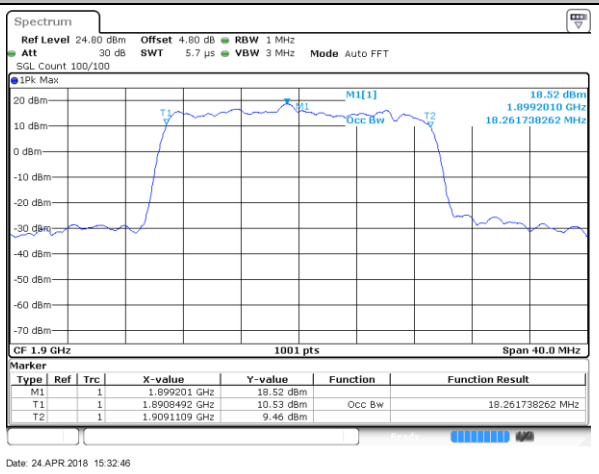
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

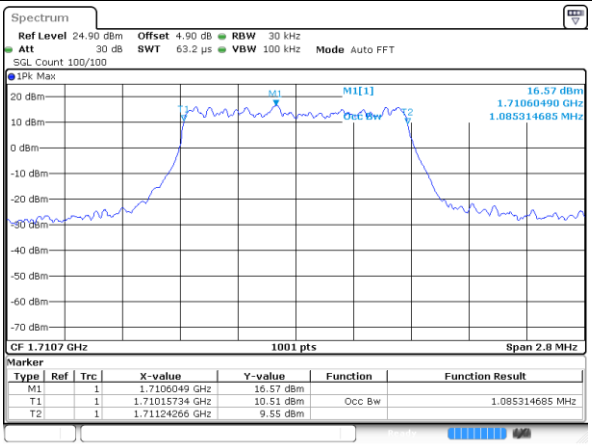


Highest Channel / 20MHz / 16QAM

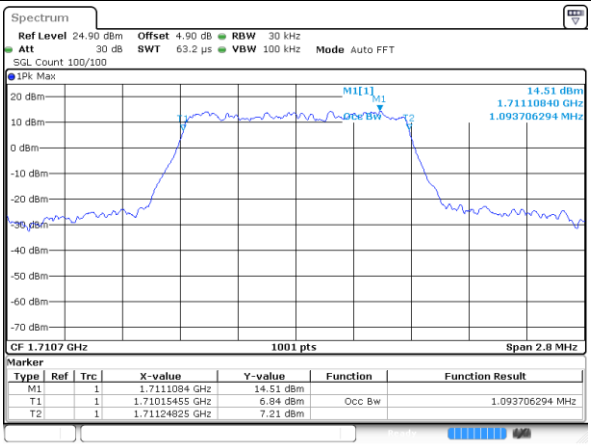


LTE Band 4

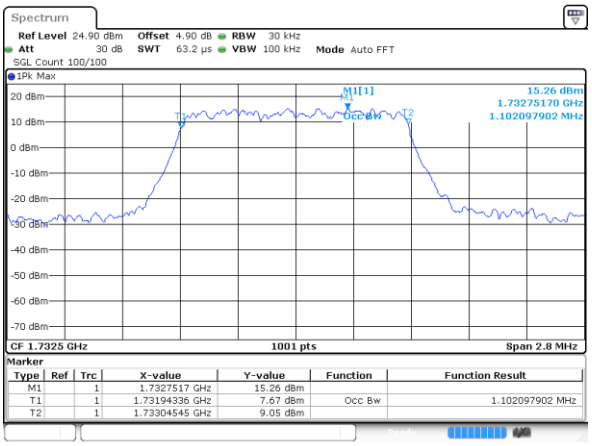
Lowest Channel / 1.4MHz / QPSK



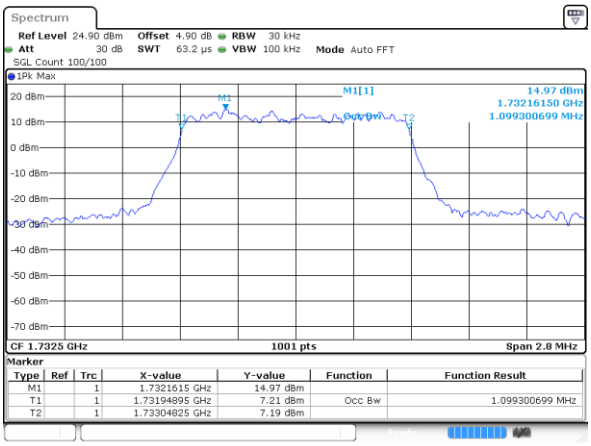
Lowest Channel / 1.4MHz / 16QAM



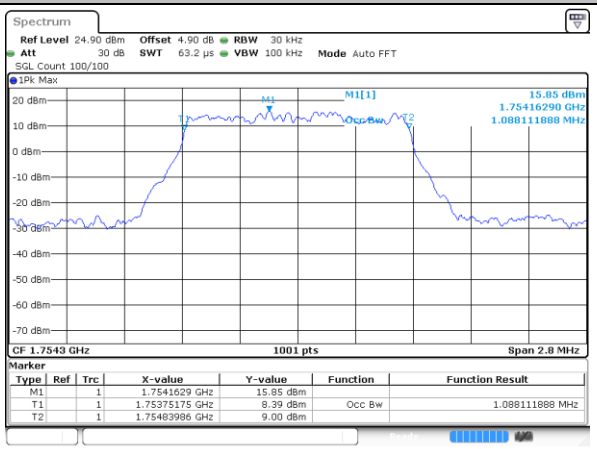
Middle Channel / 1.4MHz / QPSK



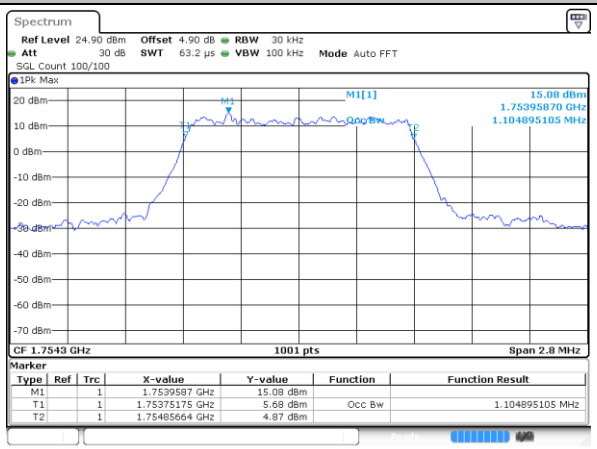
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

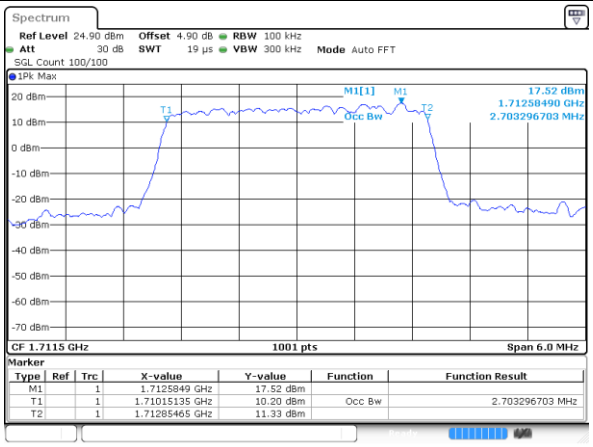


Highest Channel / 1.4MHz / 16QAM

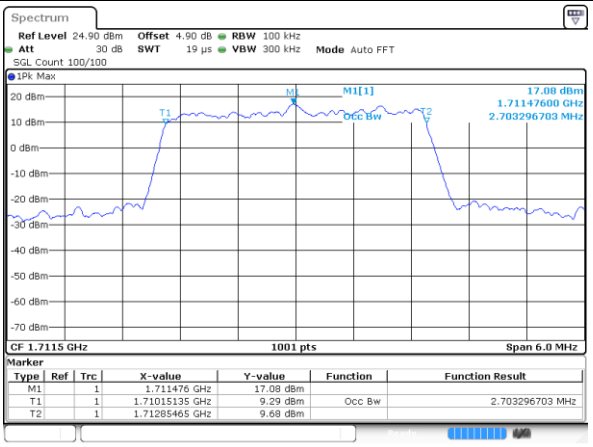


LTE Band 4

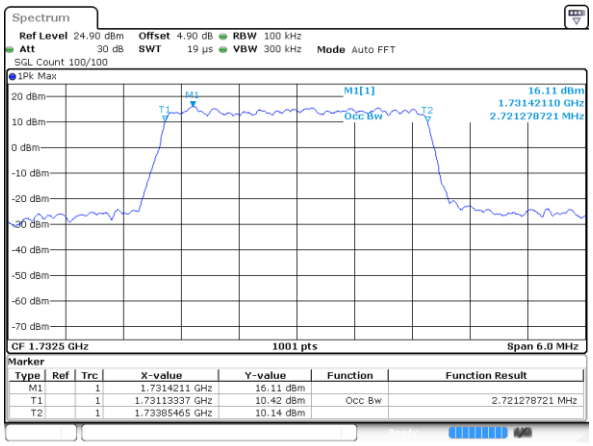
Lowest Channel / 3MHz / QPSK



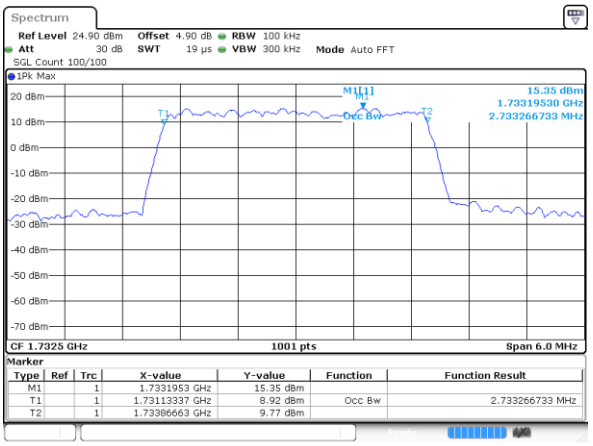
Lowest Channel / 3MHz / 16QAM



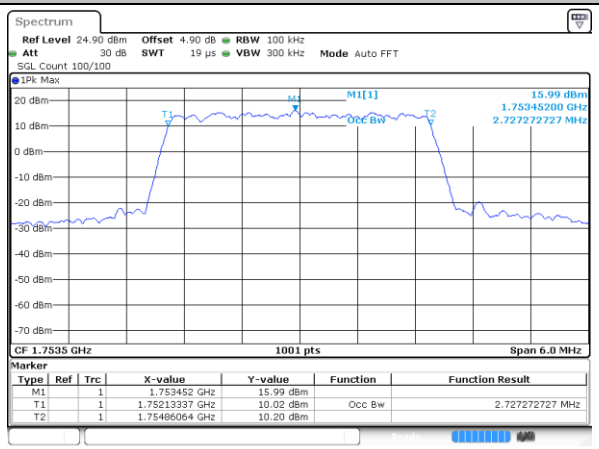
Middle Channel / 3MHz / QPSK



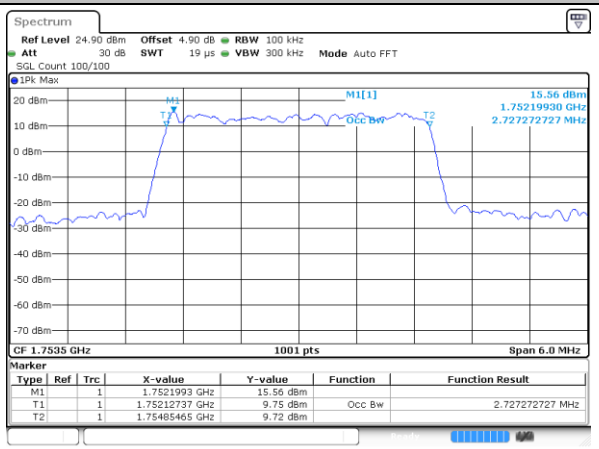
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

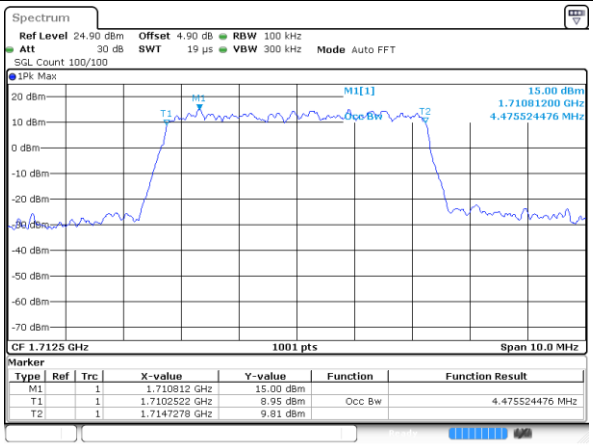


Highest Channel / 3MHz / 16QAM

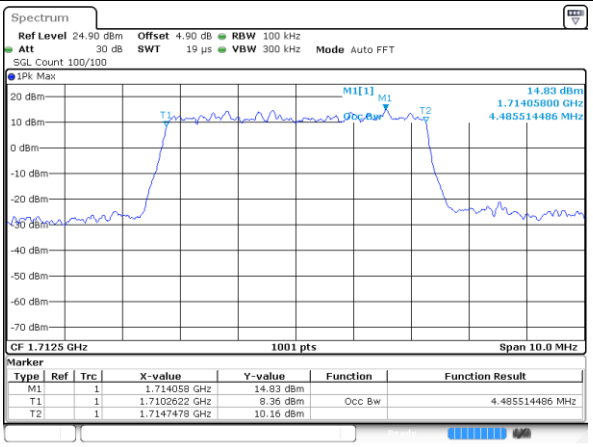


LTE Band 4

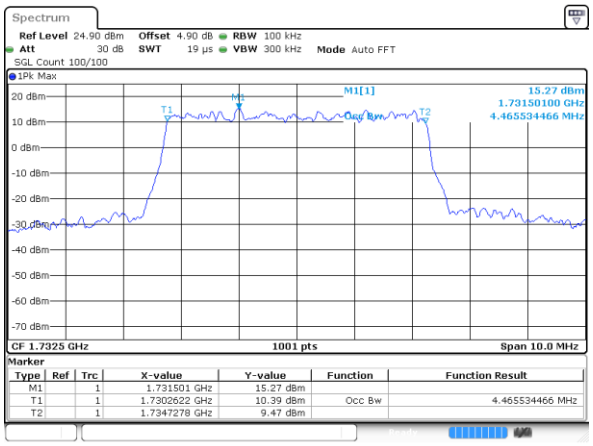
Lowest Channel / 5MHz / QPSK



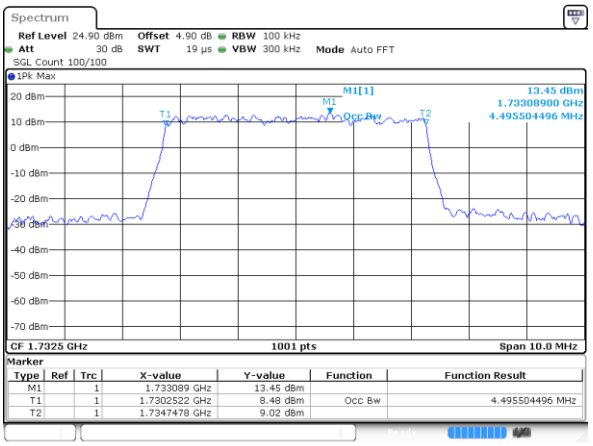
Lowest Channel / 5MHz / 16QAM



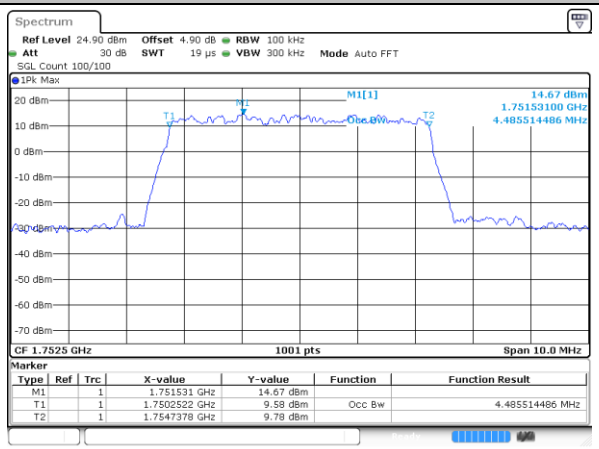
Middle Channel / 5MHz / QPSK



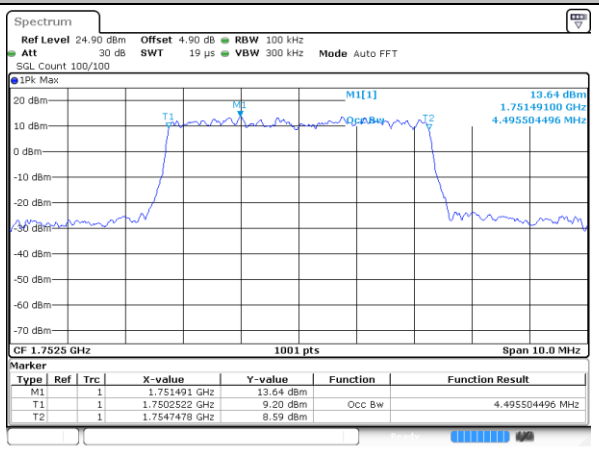
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

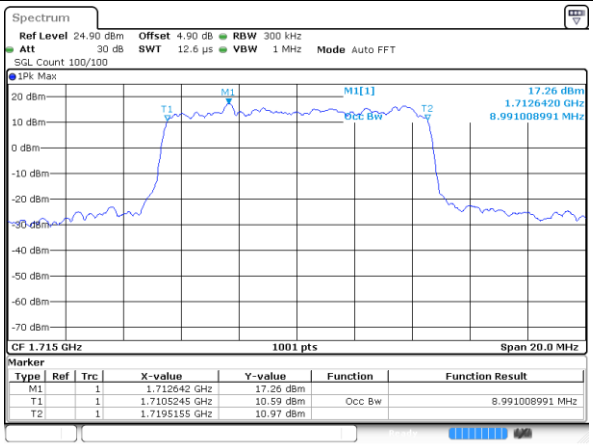


Highest Channel / 5MHz / 16QAM



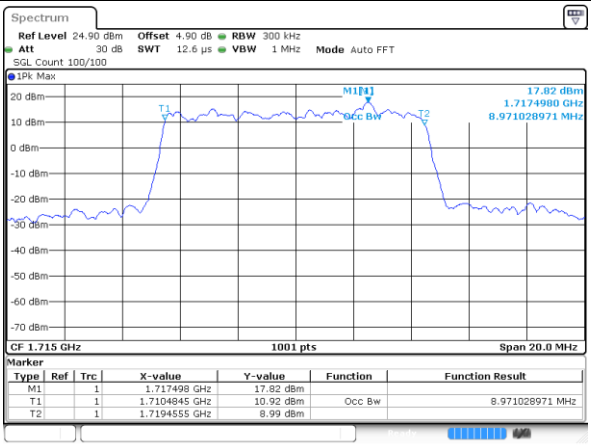
LTE Band 4

Lowest Channel / 10MHz / QPSK



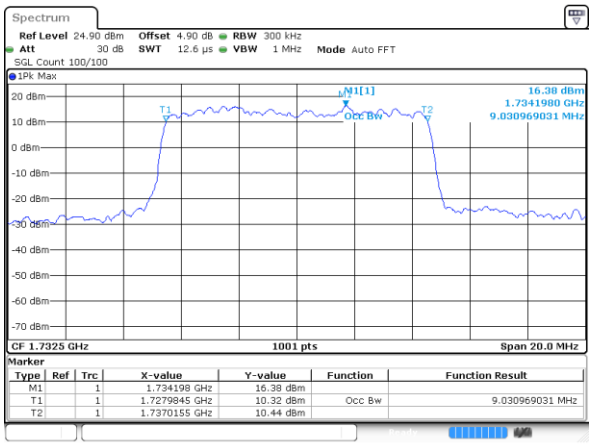
Date: 25.APR.2018 09:30:01

Lowest Channel / 10MHz / 16QAM



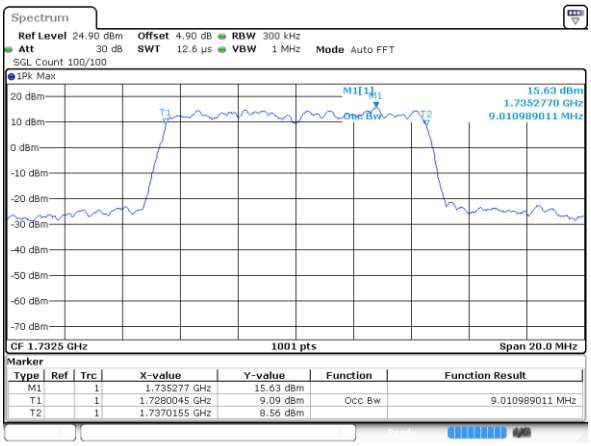
Date: 25.APR.2018 09:30:11

Middle Channel / 10MHz / QPSK



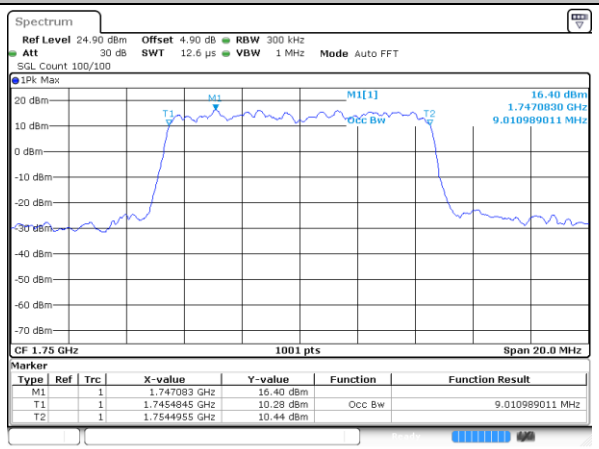
Date: 25.APR.2018 09:37:06

Middle Channel / 10MHz / 16QAM



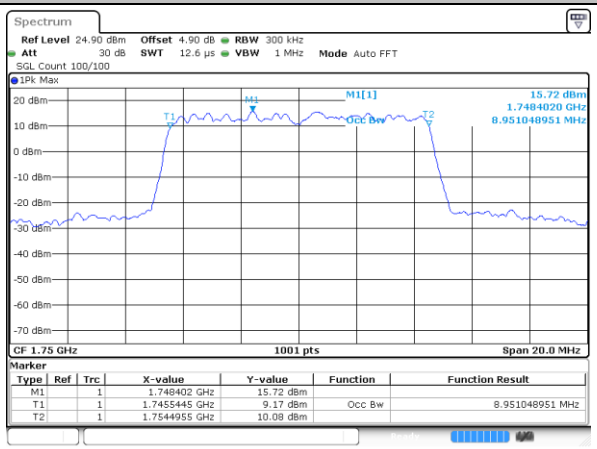
Date: 25.APR.2018 09:37:17

Highest Channel / 10MHz / QPSK



Date: 25.APR.2018 09:39:40

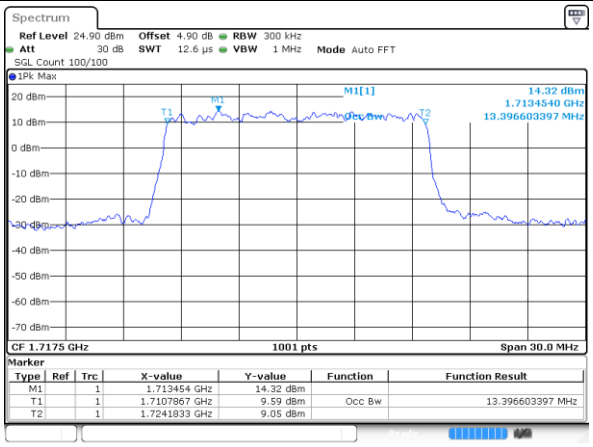
Highest Channel / 10MHz / 16QAM



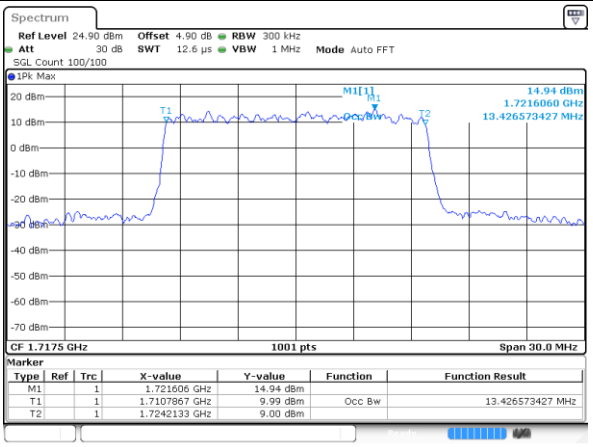
Date: 25.APR.2018 09:39:51

LTE Band 4

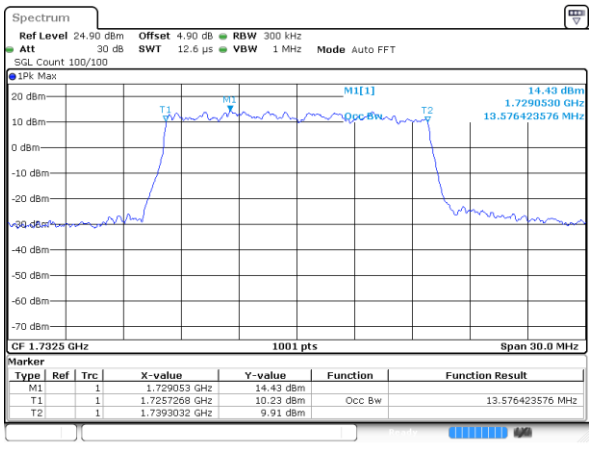
Lowest Channel / 15MHz / QPSK



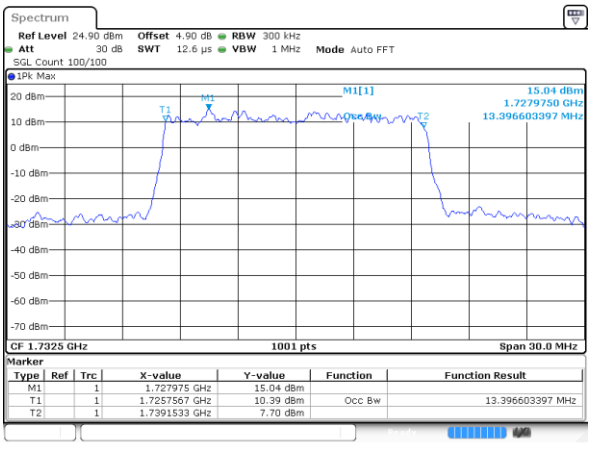
Lowest Channel / 15MHz / 16QAM



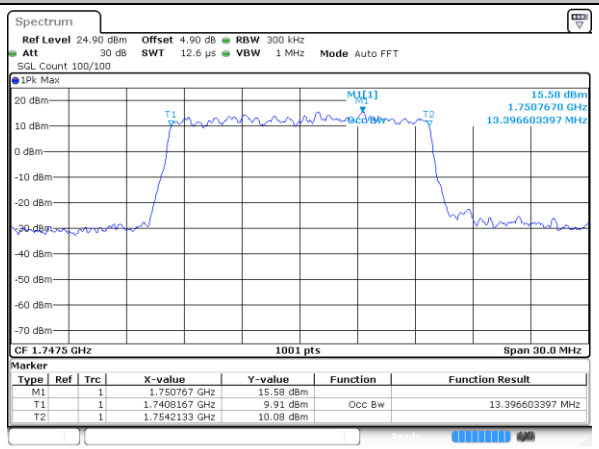
Middle Channel / 15MHz / QPSK



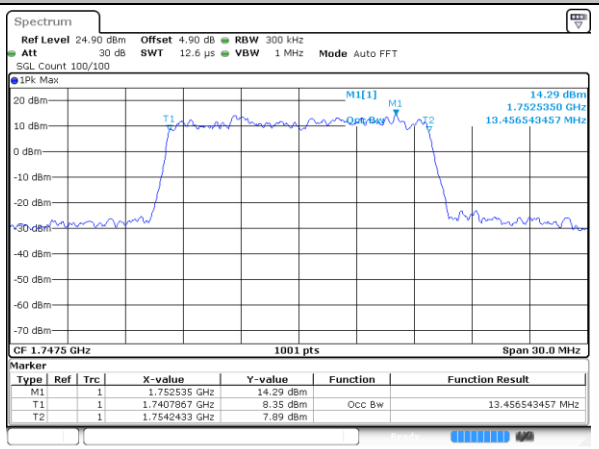
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

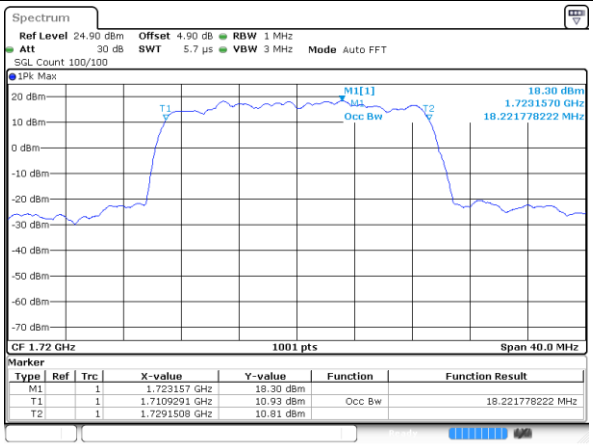


Highest Channel / 15MHz / 16QAM



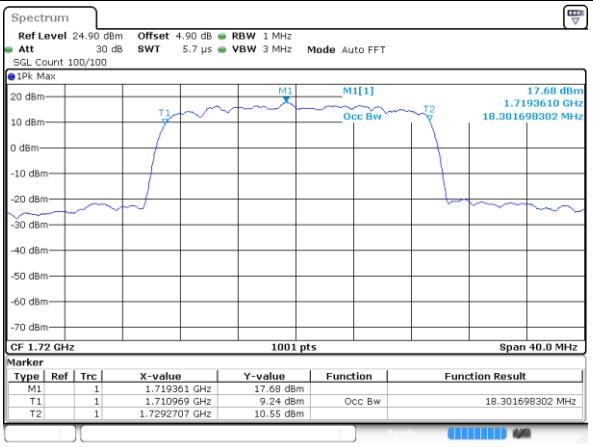
LTE Band 4

Lowest Channel / 20MHz / QPSK



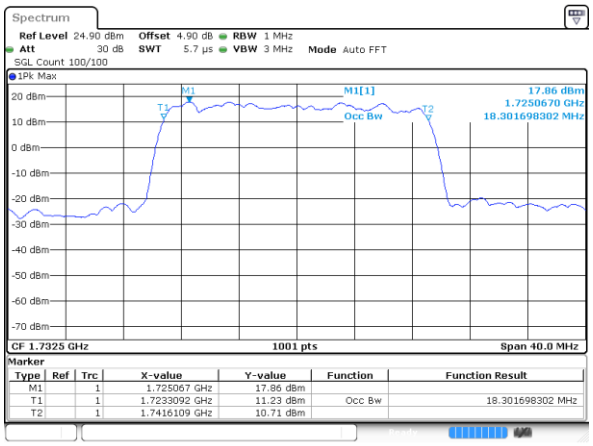
Date: 25.APR.2018 10:03:30

Lowest Channel / 20MHz / 16QAM



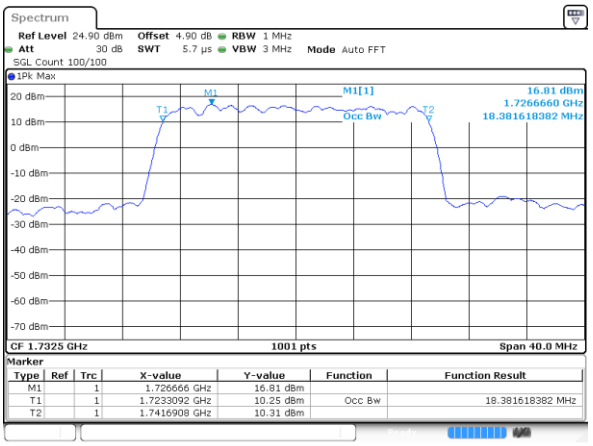
Date: 25.APR.2018 10:03:43

Middle Channel / 20MHz / QPSK



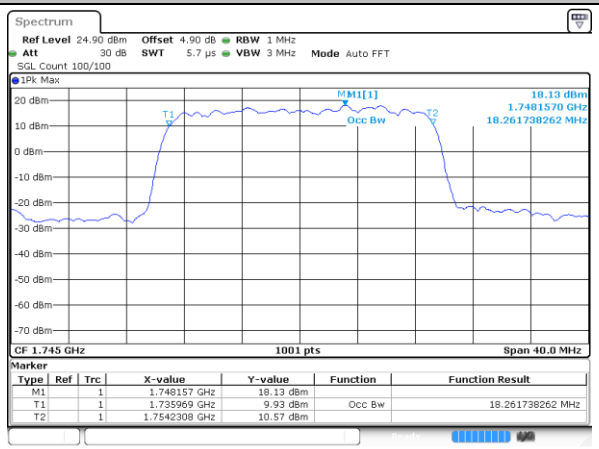
Date: 25.APR.2018 10:10:39

Middle Channel / 20MHz / 16QAM



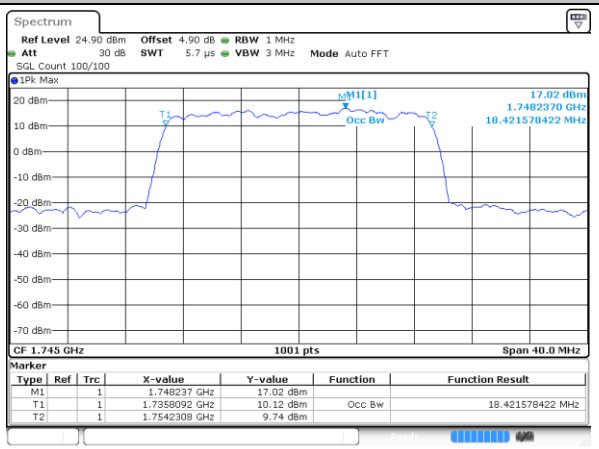
Date: 25.APR.2018 10:10:50

Highest Channel / 20MHz / QPSK



Date: 25.APR.2018 10:13:13

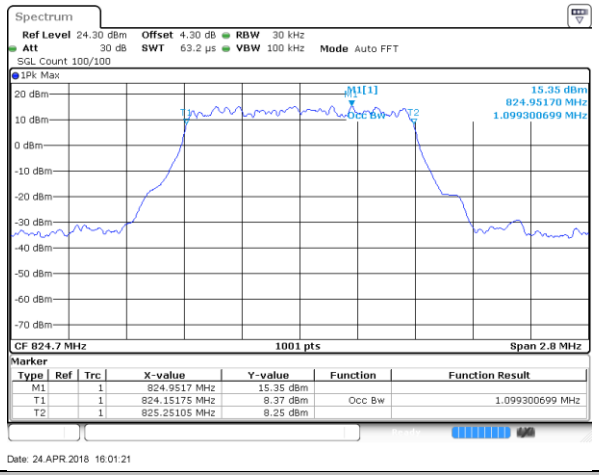
Highest Channel / 20MHz / 16QAM



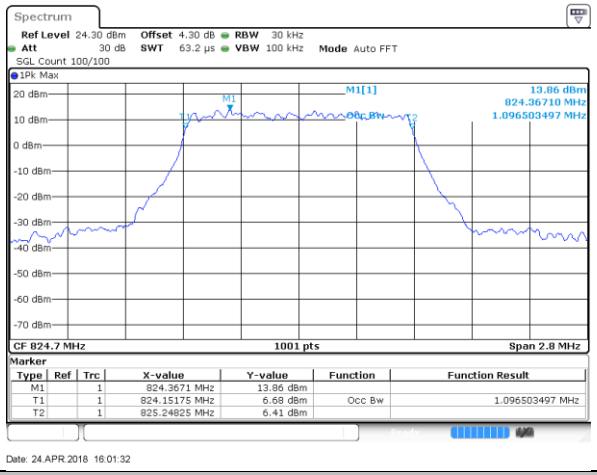
Date: 25.APR.2018 10:13:24

LTE Band 5

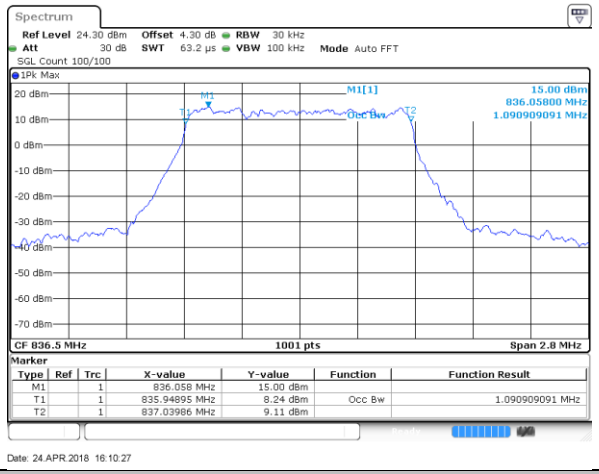
Lowest Channel / 1.4MHz / QPSK



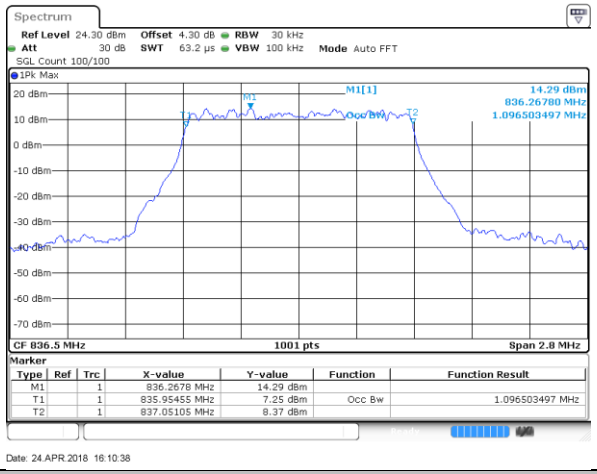
Lowest Channel / 1.4MHz / 16QAM



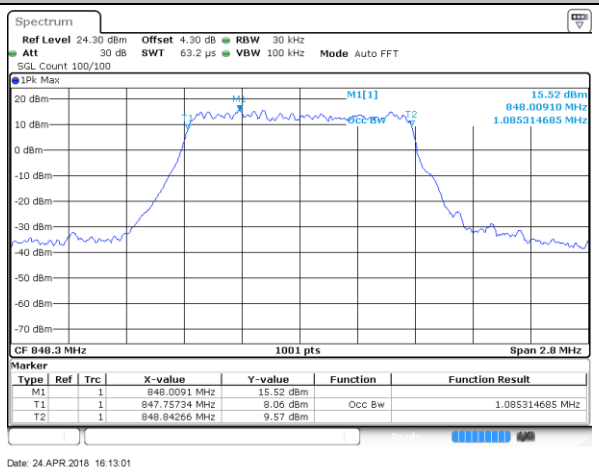
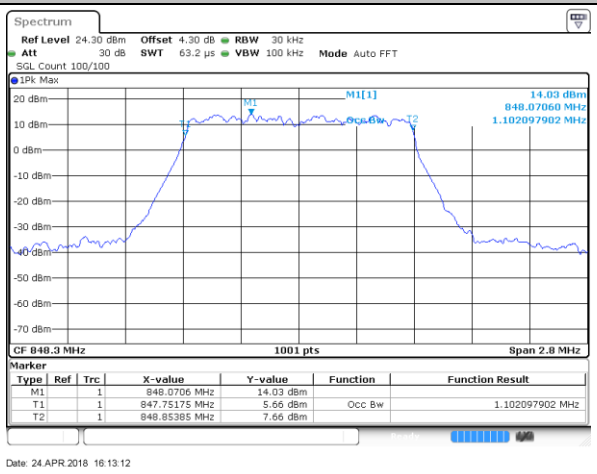
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM