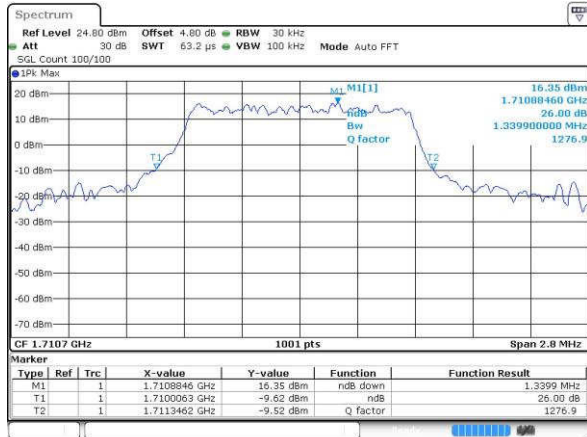


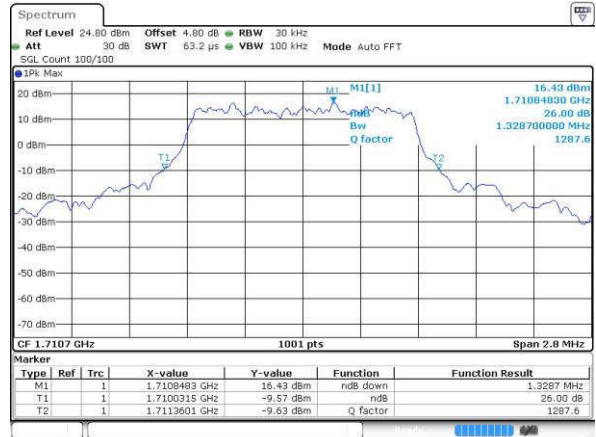


LTE Band 4

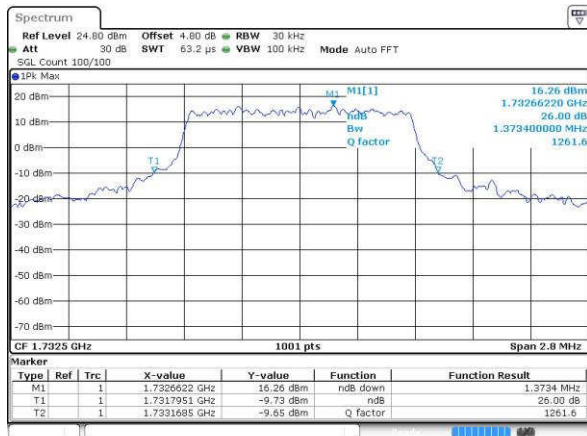
Lowest Channel / 1.4MHz / QPSK



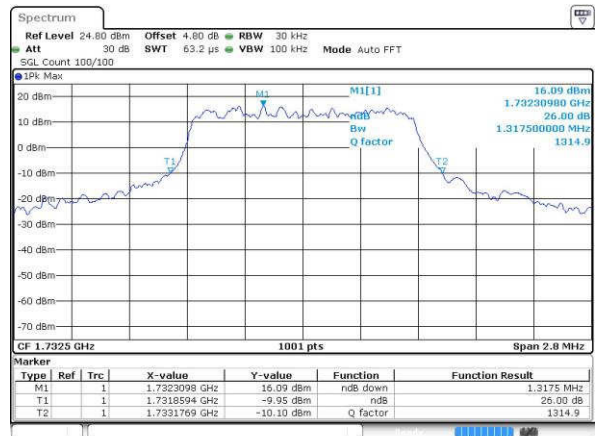
Lowest Channel / 1.4MHz / 16QAM



Middle Channel / 1.4MHz / QPSK



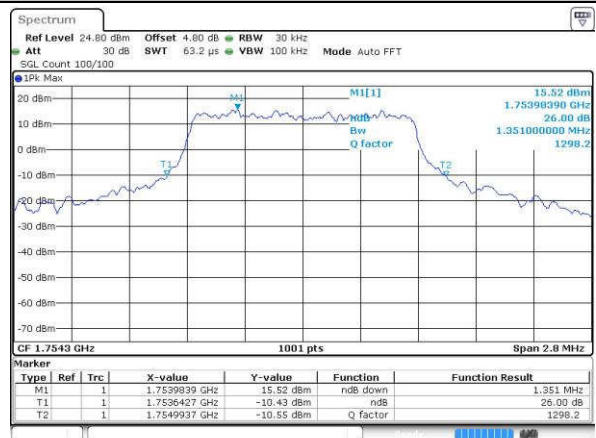
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



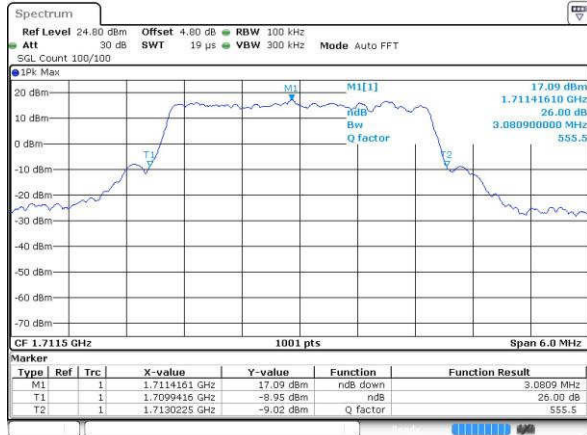
Highest Channel / 1.4MHz / 16QAM





LTE Band 4

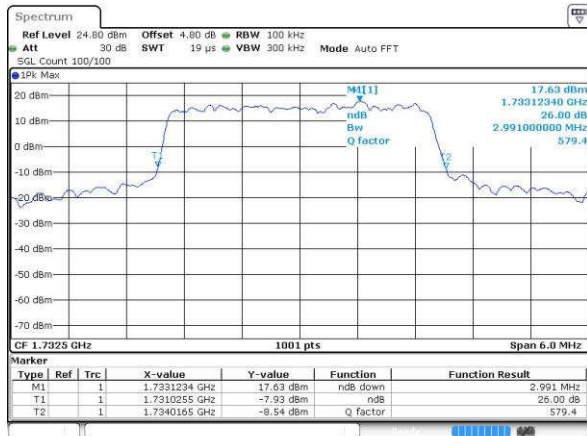
Lowest Channel / 3MHz / QPSK



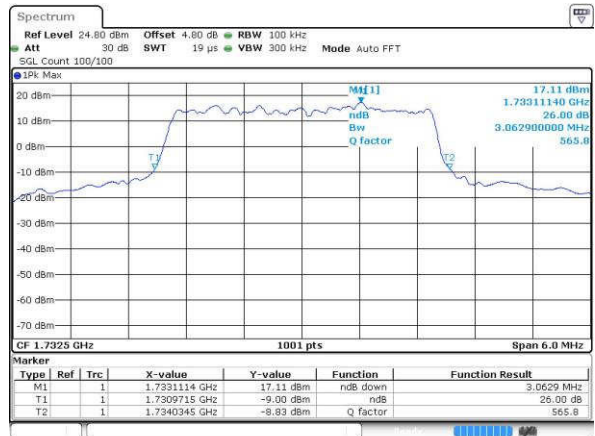
Lowest Channel / 3MHz / 16QAM



Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



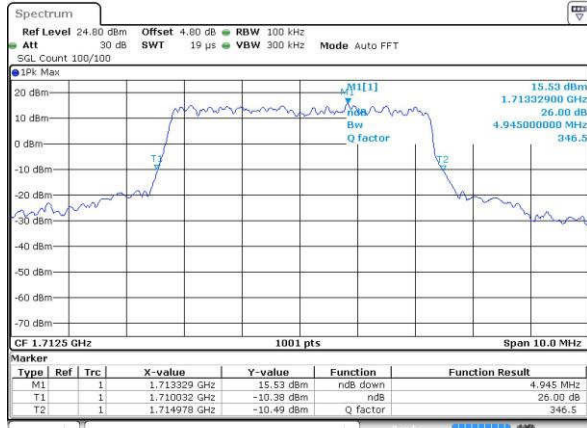
Highest Channel / 3MHz / 16QAM



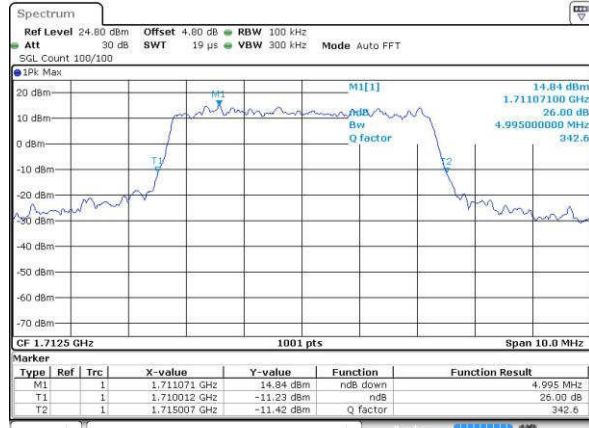


LTE Band 4

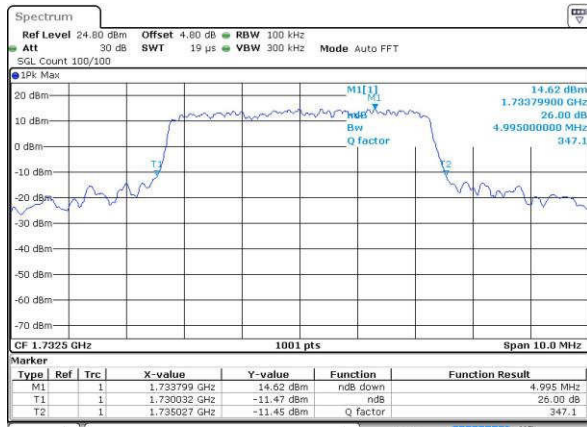
Lowest Channel / 5MHz / QPSK



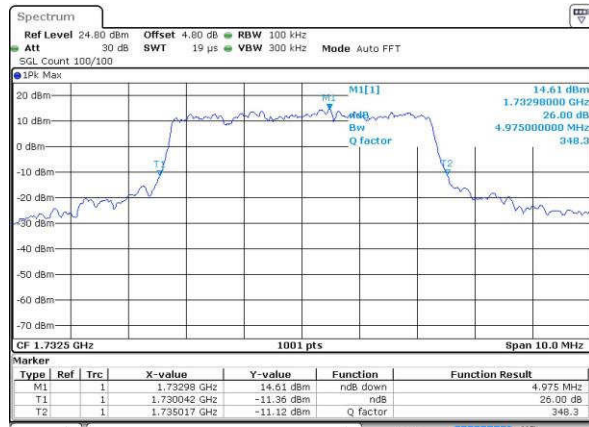
Lowest Channel / 5MHz / 16QAM



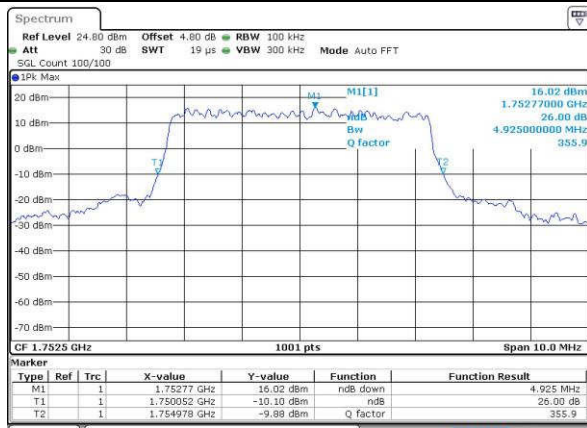
Middle Channel / 5MHz / QPSK



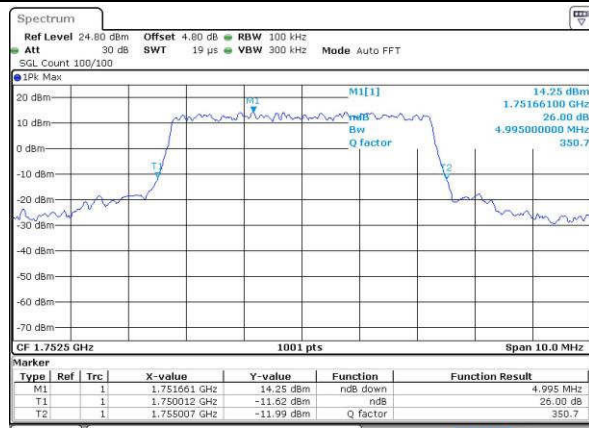
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



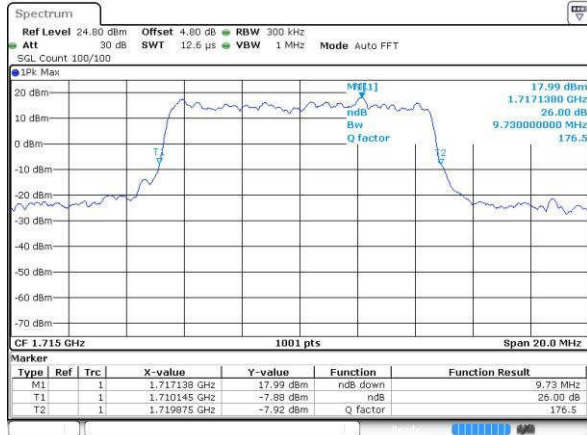
Highest Channel / 5MHz / 16QAM





LTE Band 4

Lowest Channel / 10MHz / QPSK



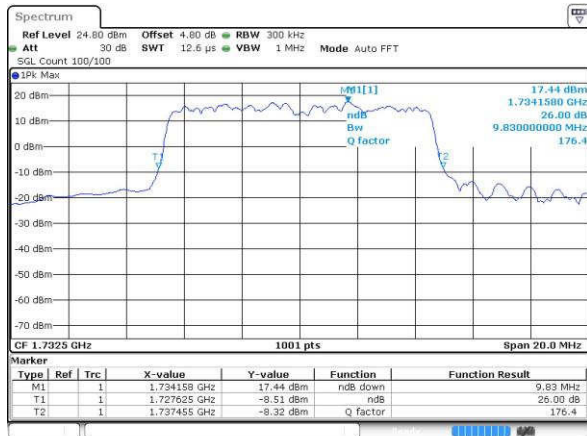
Date: 31 DEC 2016 05:13:48

Lowest Channel / 10MHz / 16QAM



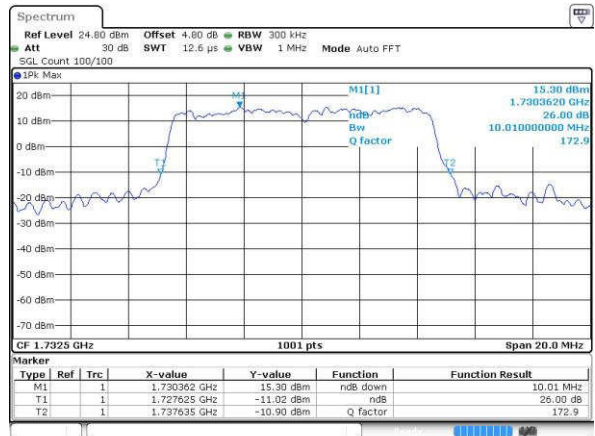
Date: 31 DEC 2016 05:13:59

Middle Channel / 10MHz / QPSK



Date: 31 DEC 2016 05:21:00

Middle Channel / 10MHz / 16QAM



Date: 31 DEC 2016 05:21:11

Highest Channel / 10MHz / QPSK



Date: 31 DEC 2016 05:23:37

Highest Channel / 10MHz / 16QAM

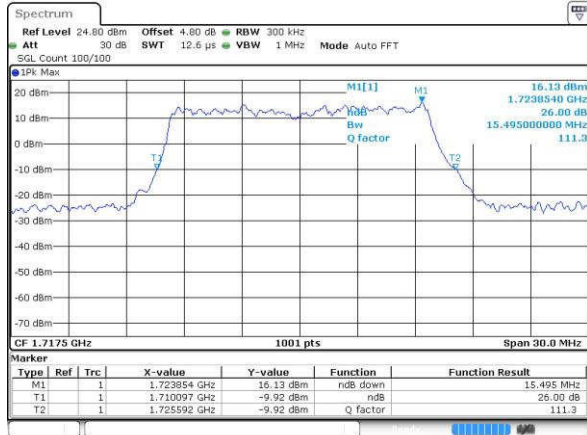


Date: 31 DEC 2016 05:23:49



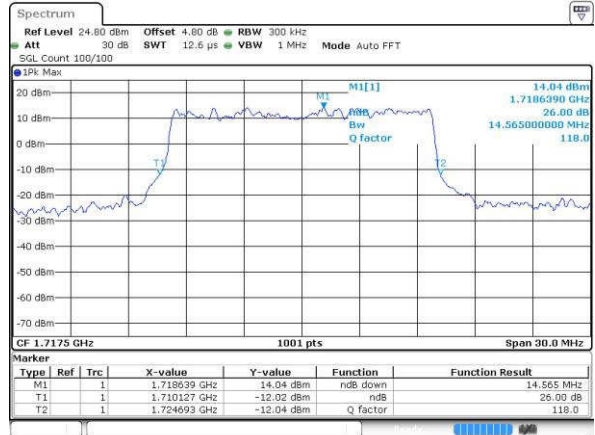
LTE Band 4

Lowest Channel / 15MHz / QPSK



Date: 31 DEC 2016 05:31:13

Lowest Channel / 15MHz / 16QAM



Date: 31 DEC 2016 05:31:25

Middle Channel / 15MHz / QPSK



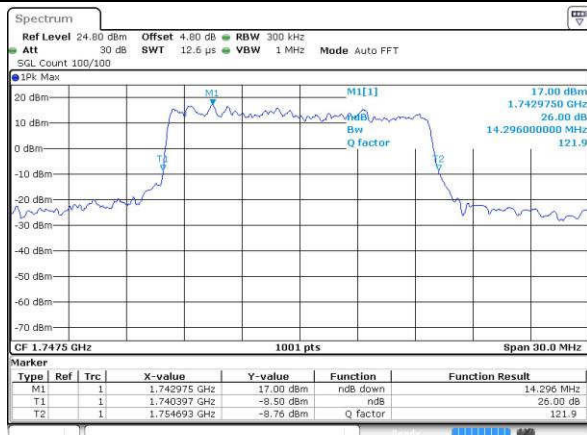
Date: 31 DEC 2016 05:38:26

Middle Channel / 15MHz / 16QAM



Date: 31 DEC 2016 05:38:37

Highest Channel / 15MHz / QPSK



Date: 31 DEC 2016 05:41:03

Highest Channel / 15MHz / 16QAM

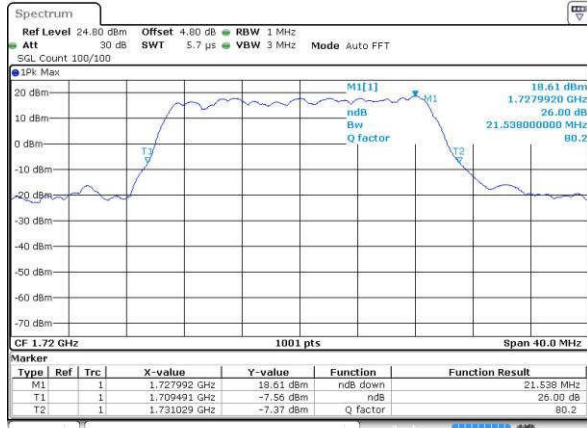


Date: 31 DEC 2016 05:41:15

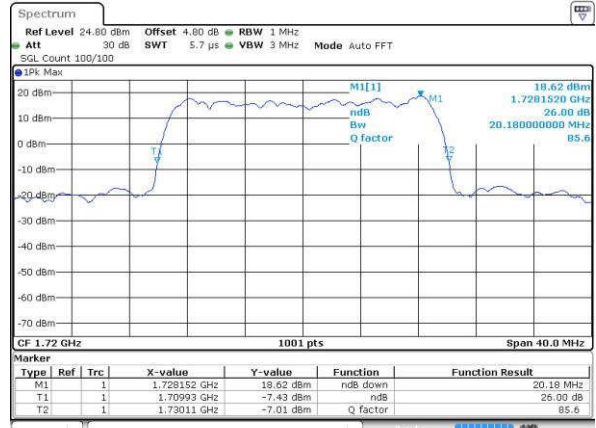


LTE Band 4

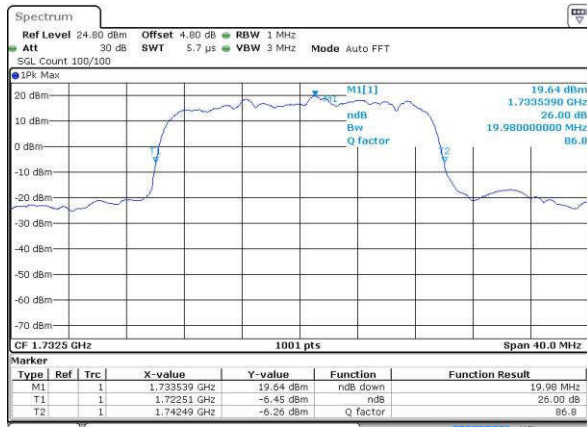
Lowest Channel / 20MHz / QPSK



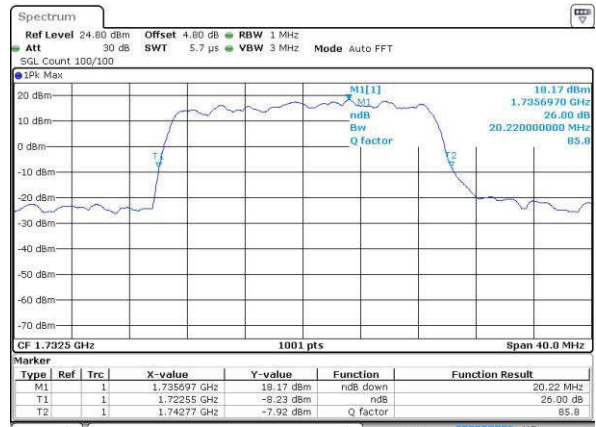
Lowest Channel / 20MHz / 16QAM



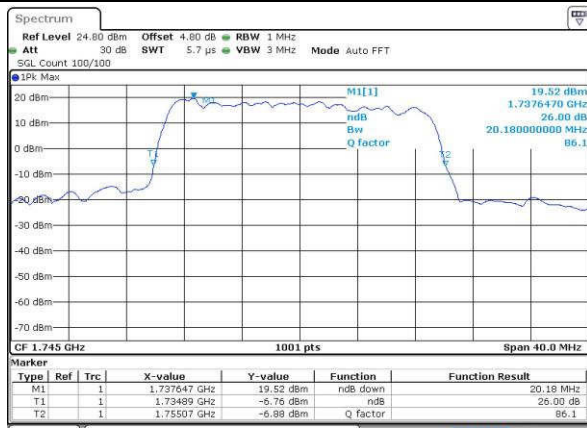
Middle Channel / 20MHz / QPSK



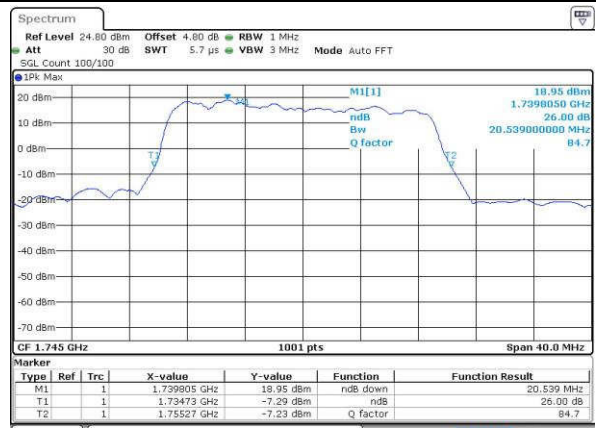
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



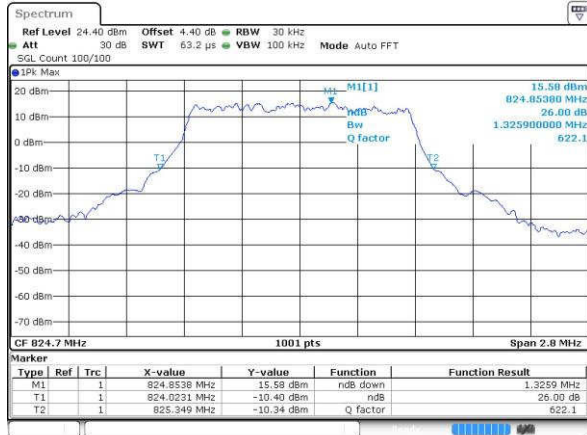
Highest Channel / 20MHz / 16QAM





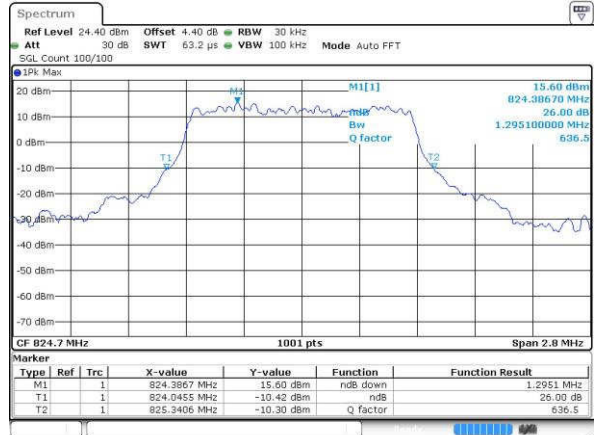
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



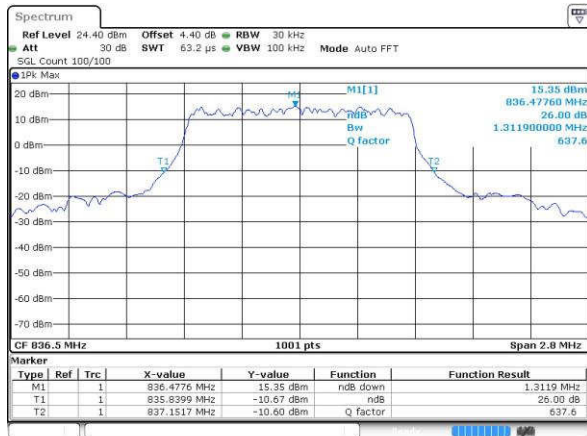
Date: 30 DEC 2016 22:28:15

Lowest Channel / 1.4MHz / 16QAM



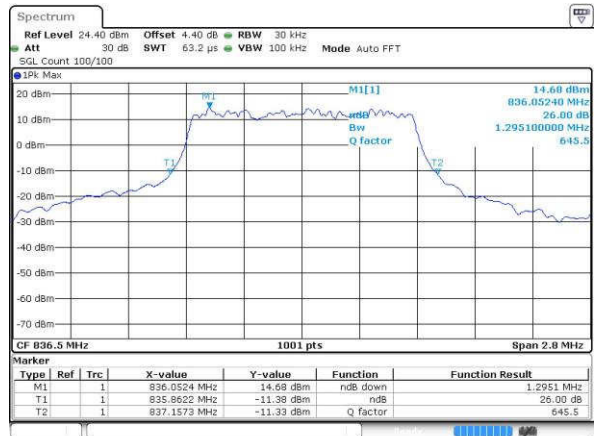
Date: 30 DEC 2016 22:28:03

Middle Channel / 1.4MHz / QPSK



Date: 31 DEC 2016 00:26:44

Middle Channel / 1.4MHz / 16QAM



Date: 31 DEC 2016 00:26:16

Highest Channel / 1.4MHz / QPSK



Date: 30 DEC 2016 22:39:54

Highest Channel / 1.4MHz / 16QAM

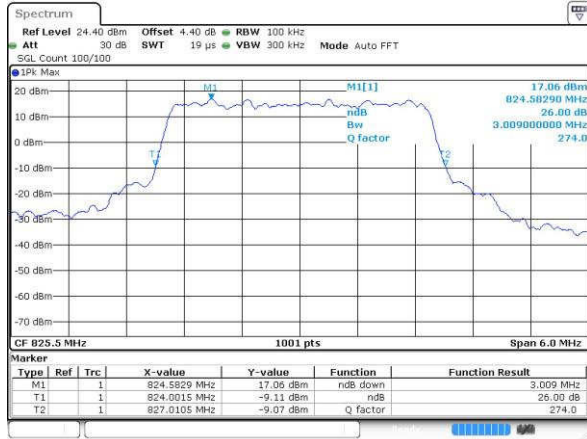


Date: 31 DEC 2016 00:27:15



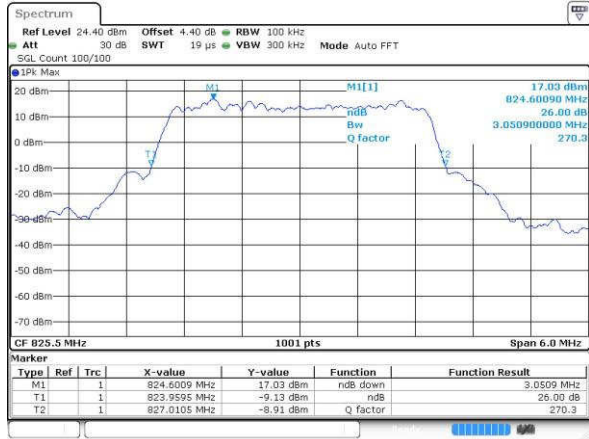
LTE Band 5

Lowest Channel / 3MHz / QPSK



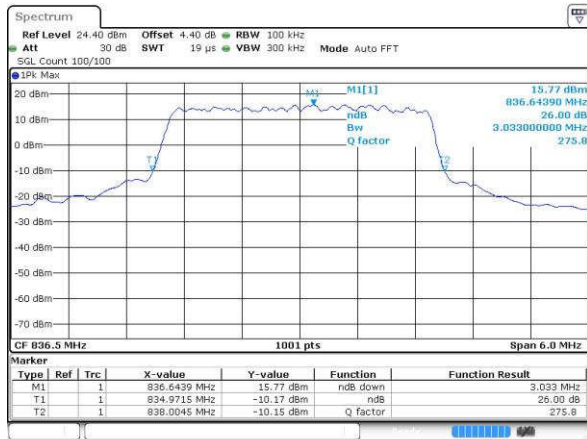
Date: 30 DEC 2016 22:56:02

Lowest Channel / 3MHz / 16QAM



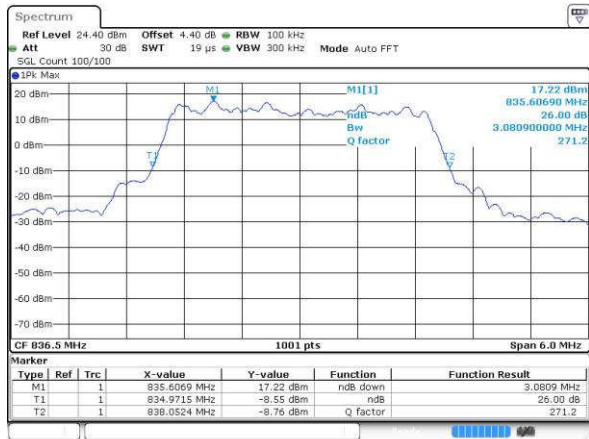
Date: 31 DEC 2016 00:36:45

Middle Channel / 3MHz / QPSK



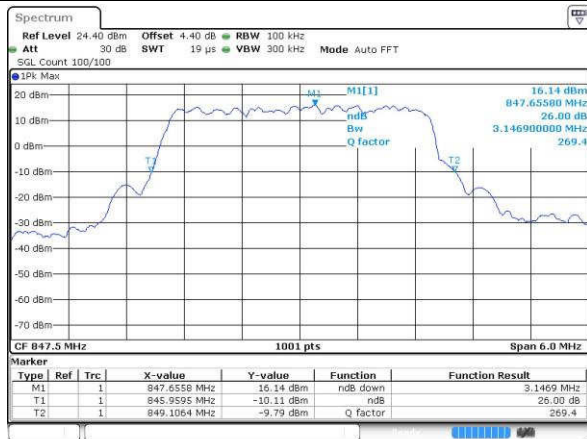
Date: 30 DEC 2016 23:05:13

Middle Channel / 3MHz / 16QAM



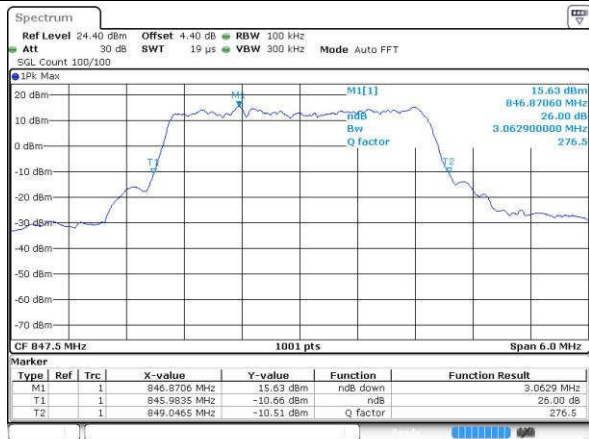
Date: 30 DEC 2016 23:05:24

Highest Channel / 3MHz / QPSK



Date: 30 DEC 2016 23:07:50

Highest Channel / 3MHz / 16QAM

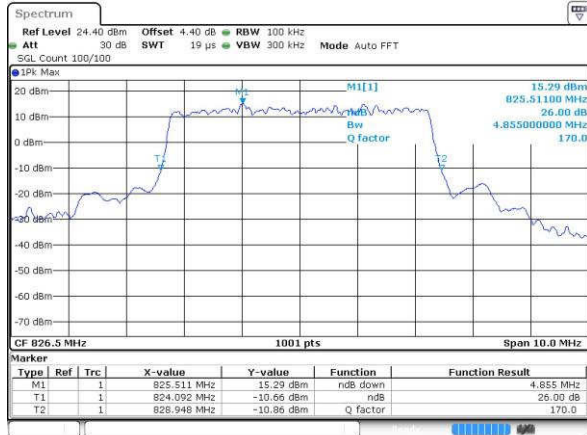


Date: 30 DEC 2016 23:08:01

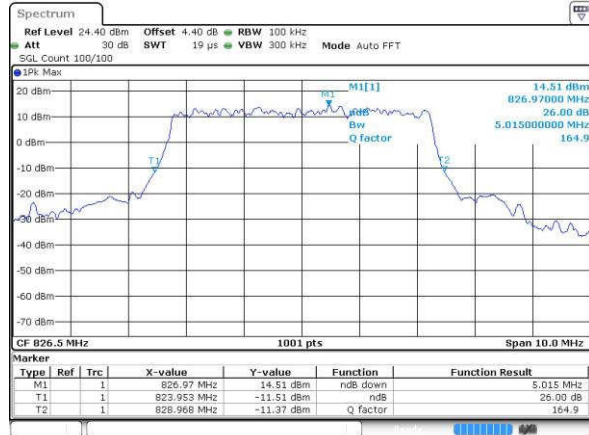


LTE Band 5

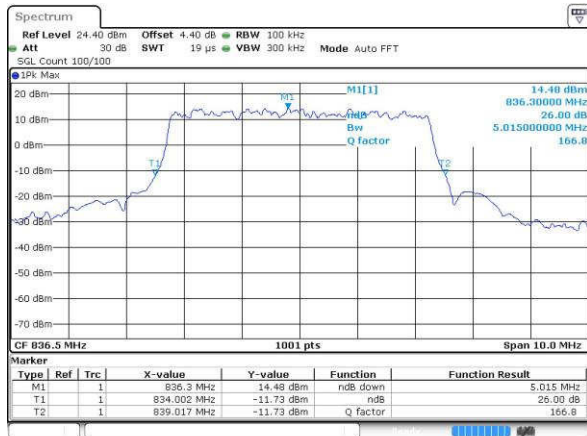
Lowest Channel / 5MHz / QPSK



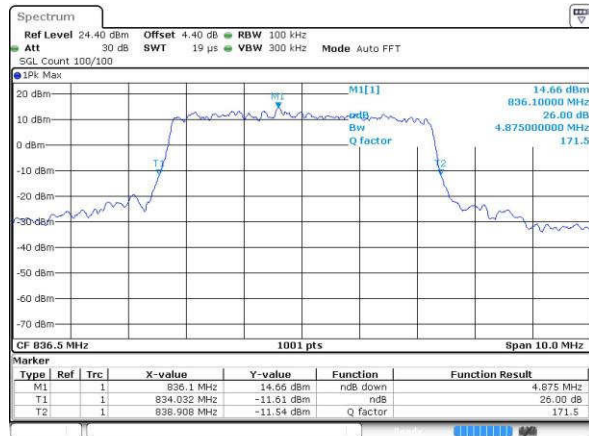
Lowest Channel / 5MHz / 16QAM



Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM





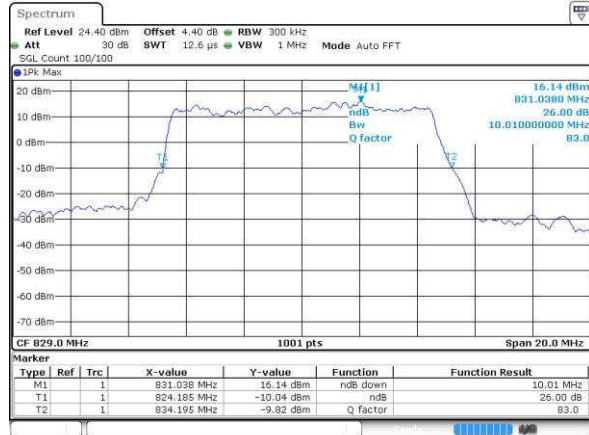
LTE Band 5

Lowest Channel / 10MHz / QPSK



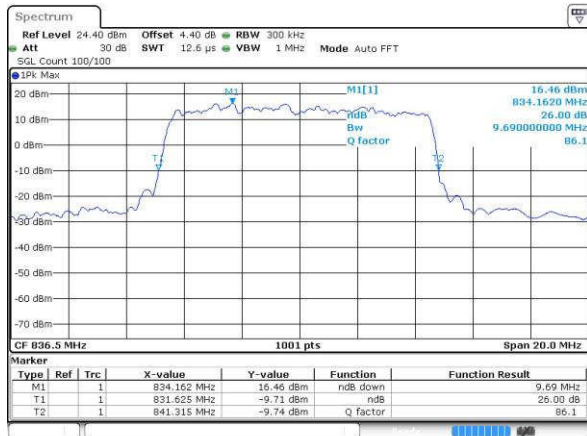
Date: 30 DEC 2016 23:58:16

Lowest Channel / 10MHz / 16QAM



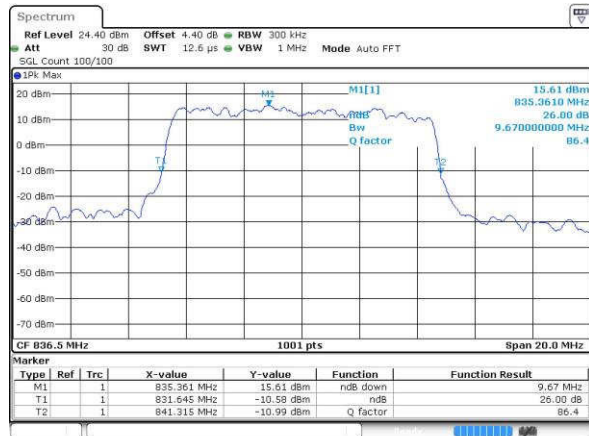
Date: 30 DEC 2016 23:58:27

Middle Channel / 10MHz / QPSK



Date: 31 DEC 2016 00:07:29

Middle Channel / 10MHz / 16QAM



Date: 31 DEC 2016 00:07:40

Highest Channel / 10MHz / QPSK



Date: 31 DEC 2016 00:10:05

Highest Channel / 10MHz / 16QAM

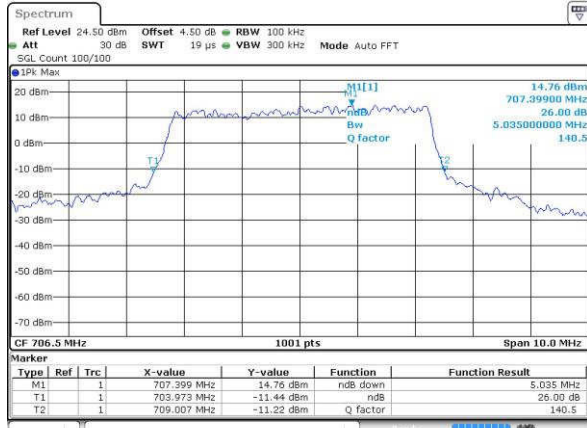


Date: 31 DEC 2016 00:10:16

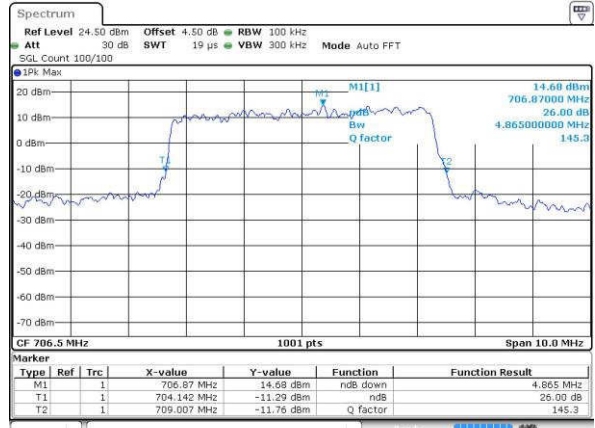


LTE Band 17

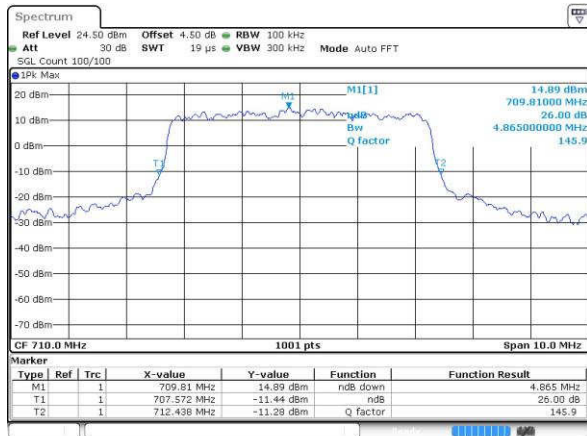
Lowest Channel / 5MHz / QPSK



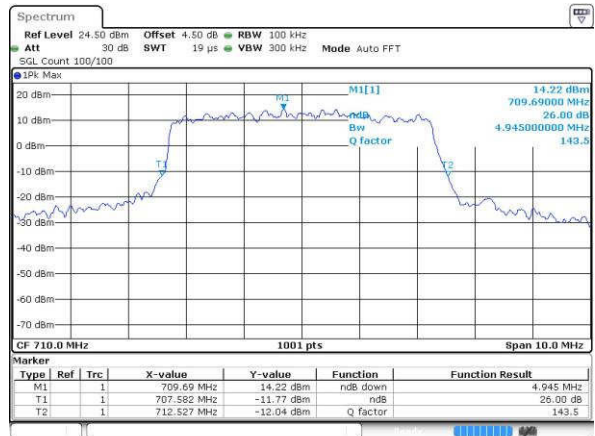
Lowest Channel / 5MHz / 16QAM



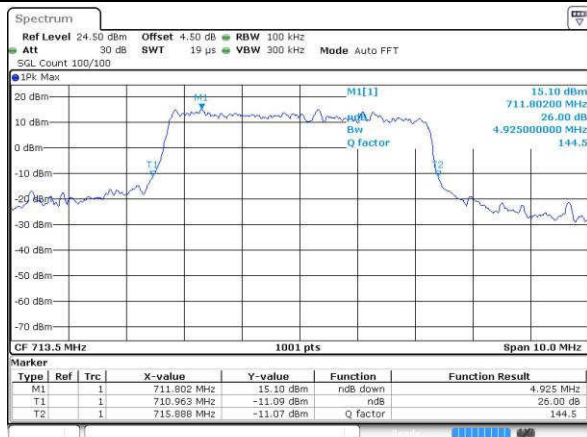
Middle Channel / 5MHz / QPSK



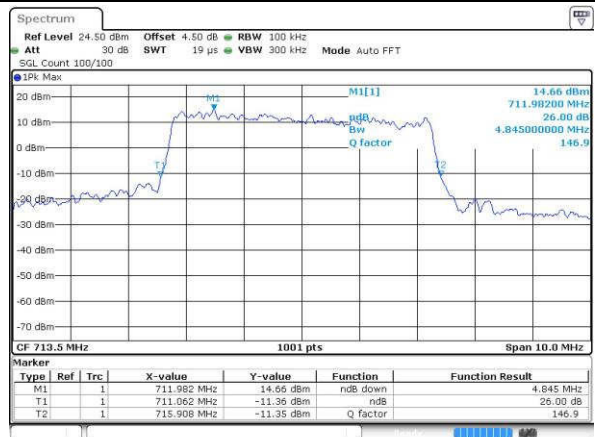
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



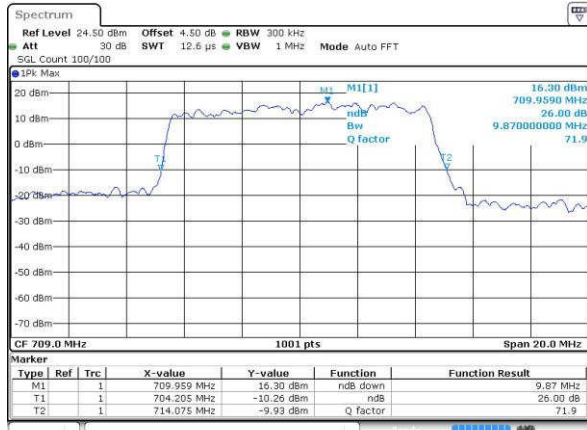
Highest Channel / 5MHz / 16QAM



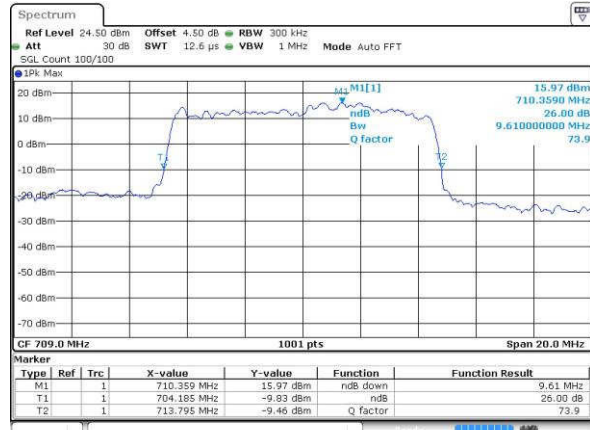


LTE Band 17

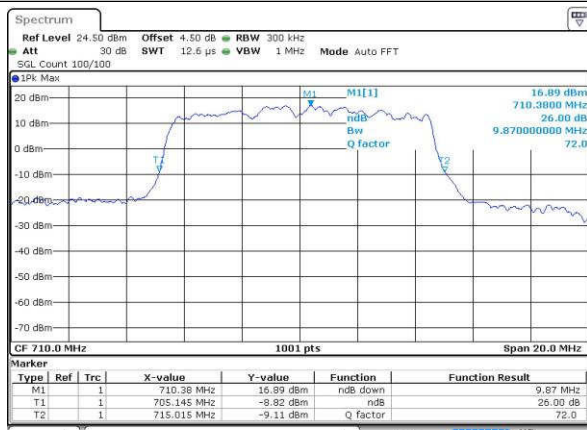
Lowest Channel / 10MHz / QPSK



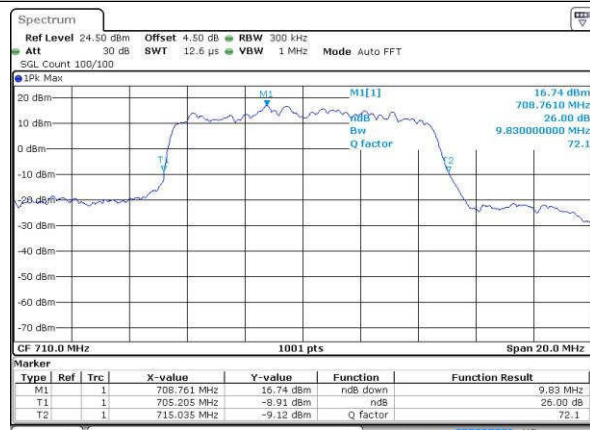
Lowest Channel / 10MHz / 16QAM



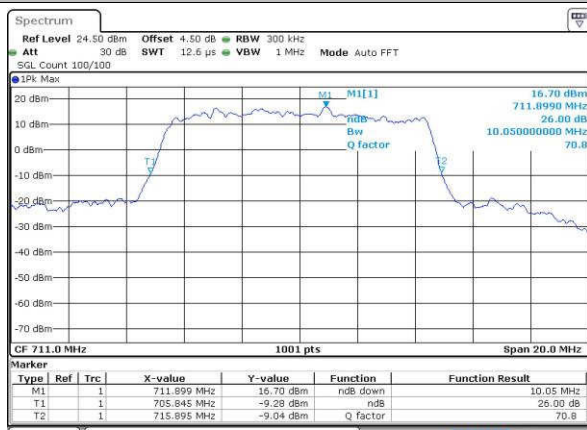
Middle Channel / 10MHz / QPSK



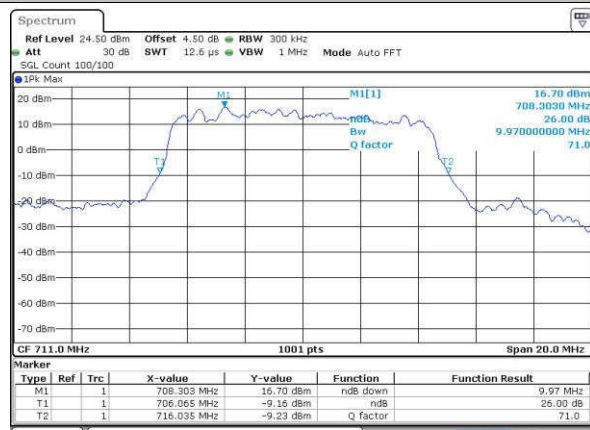
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 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	1.1	2.72	2.73	4.5	4.49	9.01	9.03	13.49	13.52	18.3	18.46
Middle CH	1.09	1.1	2.73	2.75	4.52	4.5	9.09	9.05	13.52	13.52	18.66	18.7
Highest CH	1.1	1.1	2.72	2.72	4.49	4.5	9.05	9.11	13.4	13.49	18.22	18.22

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	1.1	1.1	2.7	2.71	4.49	4.5	9.03	9.07	13.46	13.55	18.5	18.38
Middle CH	1.1	1.09	2.75	2.73	4.48	4.47	9.09	9.01	13.43	13.43	18.14	18.1
Highest CH	1.09	1.09	2.73	2.73	4.48	4.5	9.05	9.03	13.52	13.49	18.22	18.3

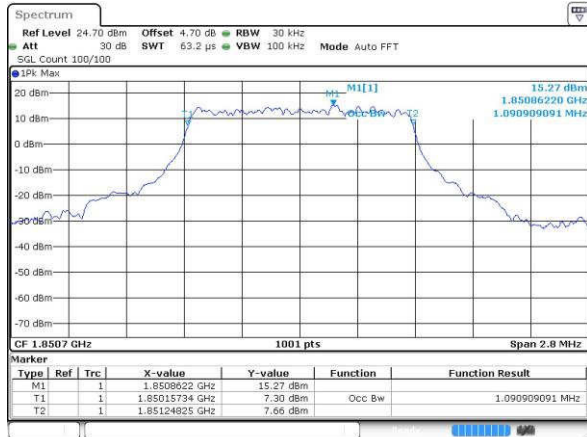
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.1	2.72	2.73	4.5	4.49	9.09	9.01	-	-	-	-
Middle CH	1.1	1.09	2.73	2.73	4.47	4.48	8.95	8.97	-	-	-	-
Highest CH	1.09	1.1	2.72	2.73	4.48	4.47	9.11	9.03	-	-	-	-

Mode	LTE Band 17 : 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	-	-	-	-	4.5	4.49	8.99	8.97	-	-	-	-
Middle CH	-	-	-	-	4.47	4.49	8.91	8.91	-	-	-	-
Highest CH	-	-	-	-	4.51	4.49	8.95	8.91	-	-	-	-

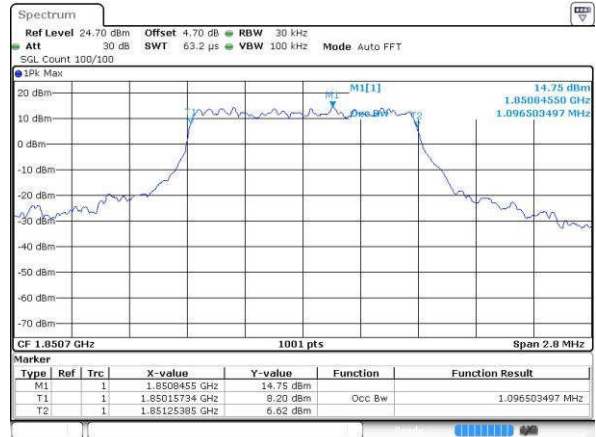


LTE Band 2

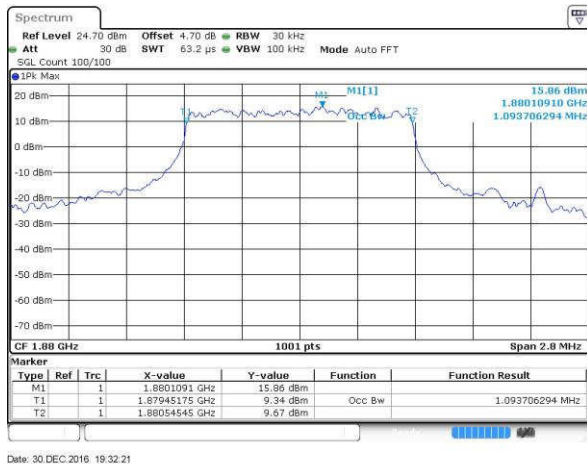
Lowest Channel / 1.4MHz / QPSK



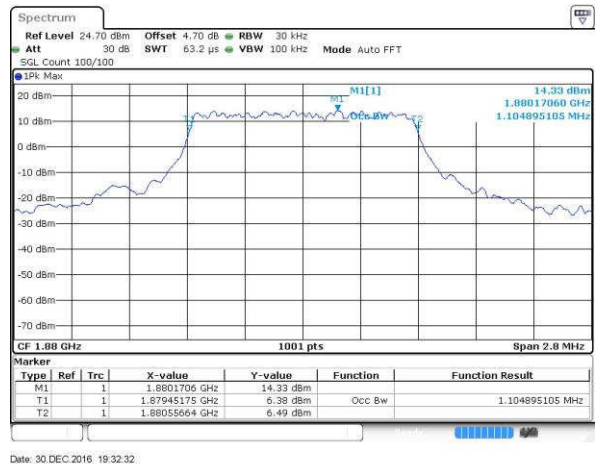
Lowest Channel / 1.4MHz / 16QAM



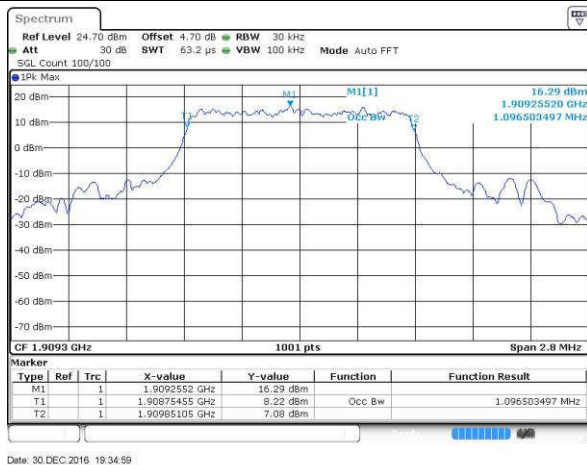
Middle Channel / 1.4MHz / QPSK



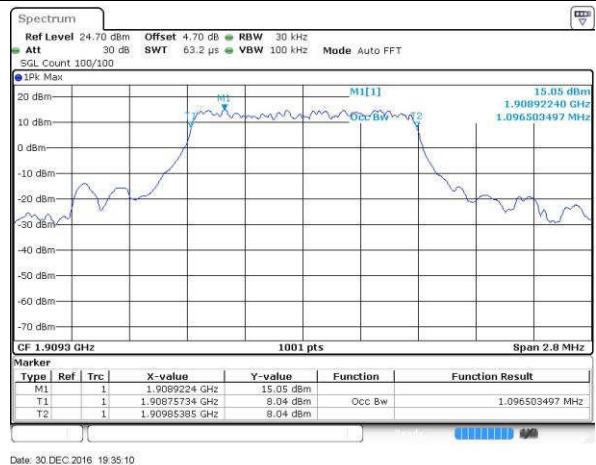
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



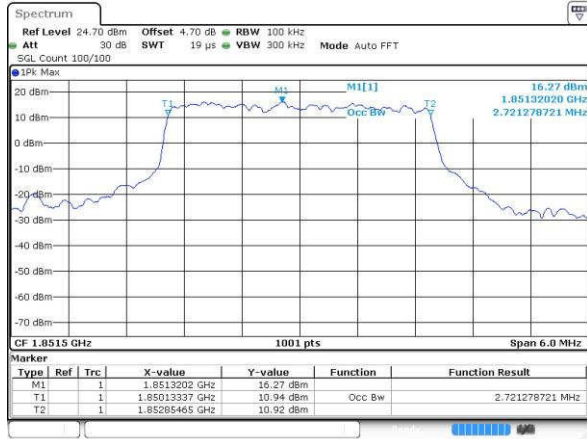
Highest Channel / 1.4MHz / 16QAM



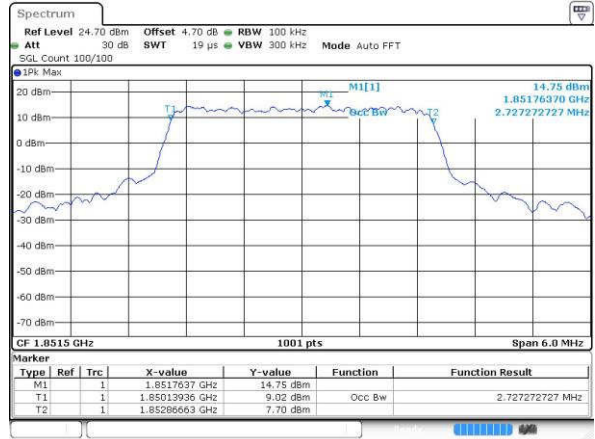


LTE Band 2

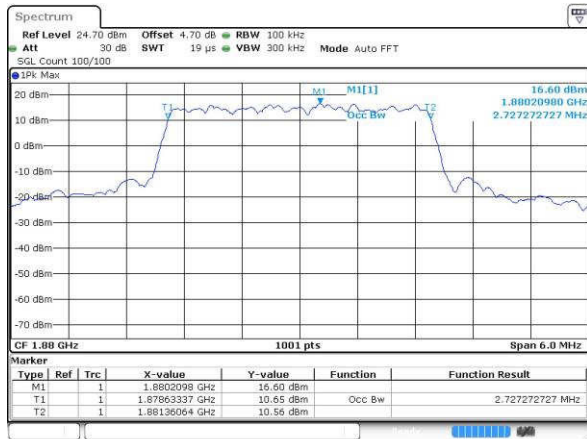
Lowest Channel / 3MHz / QPSK



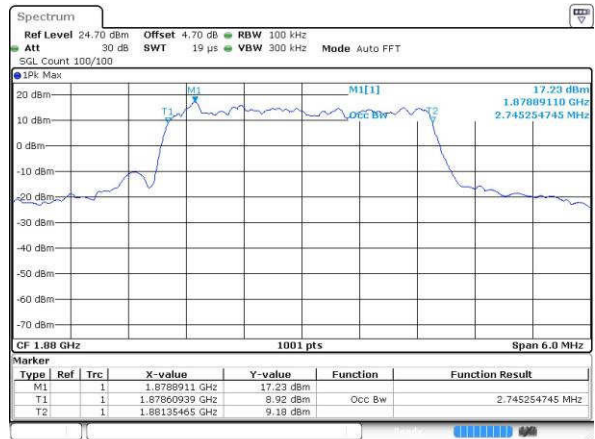
Lowest Channel / 3MHz / 16QAM



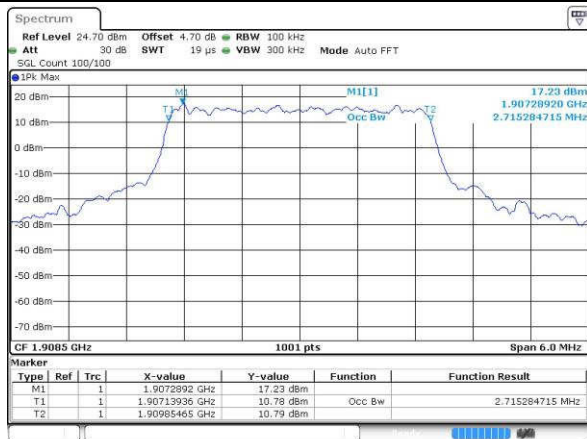
Middle Channel / 3MHz / QPSK



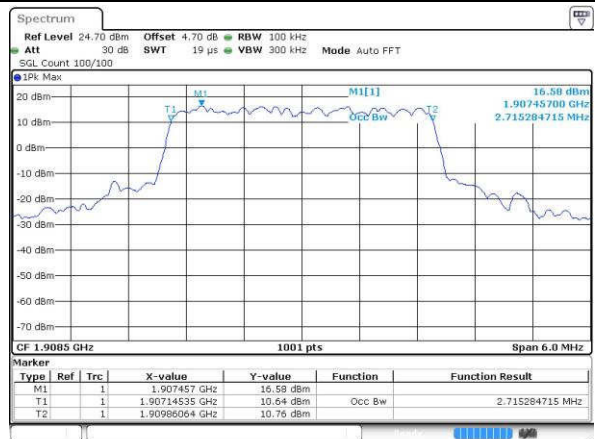
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



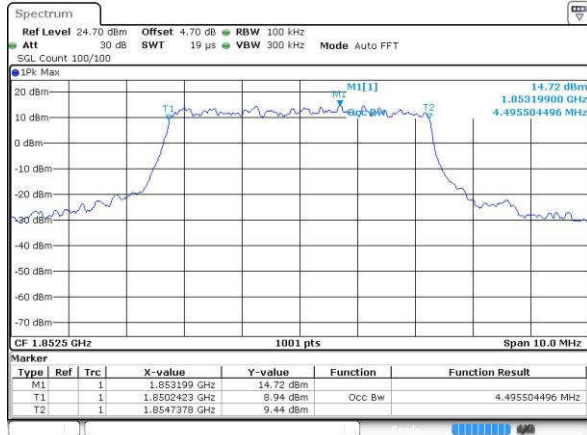
Highest Channel / 3MHz / 16QAM



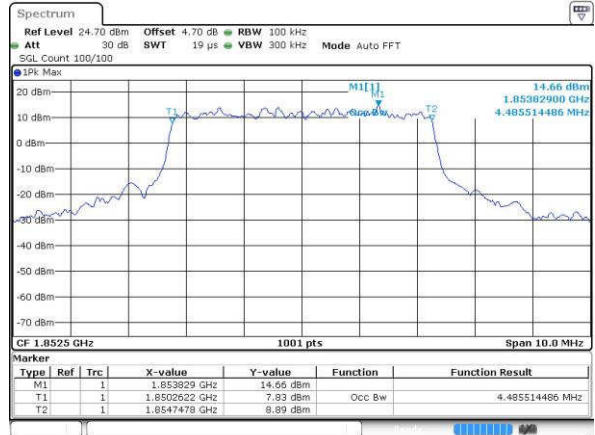


LTE Band 2

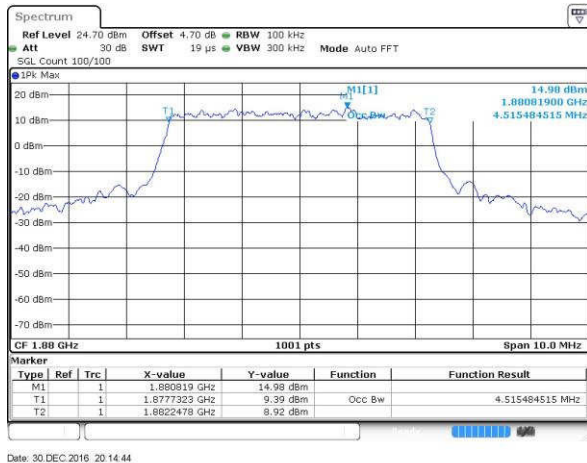
Lowest Channel / 5MHz / QPSK



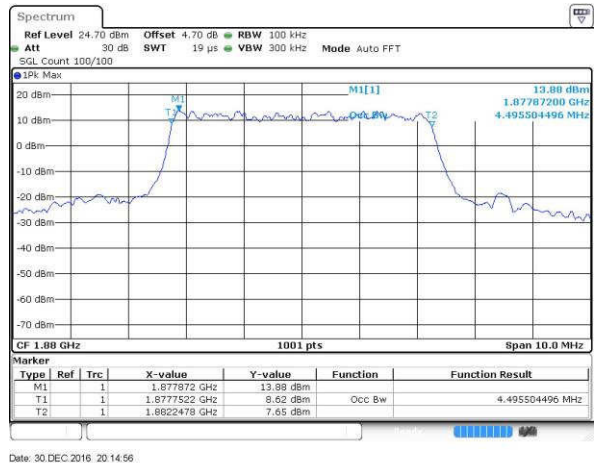
Lowest Channel / 5MHz / 16QAM



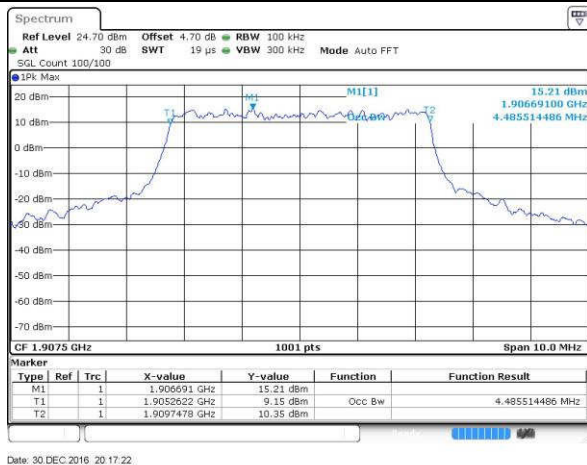
Middle Channel / 5MHz / QPSK



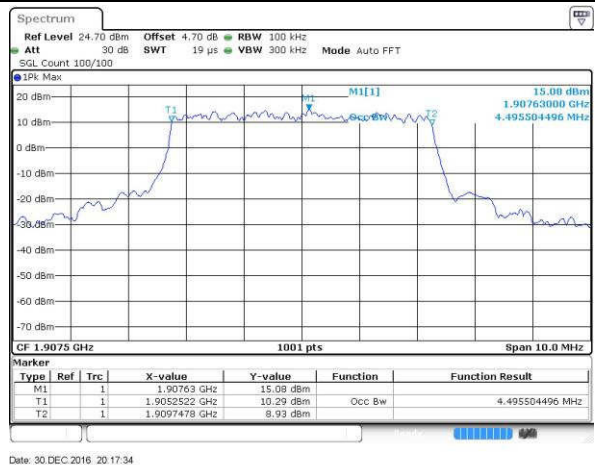
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



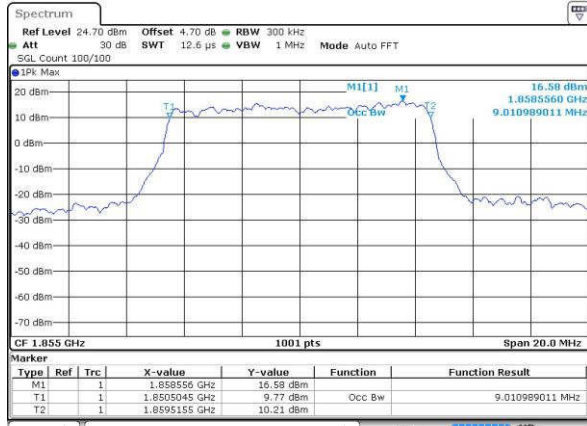
Highest Channel / 5MHz / 16QAM





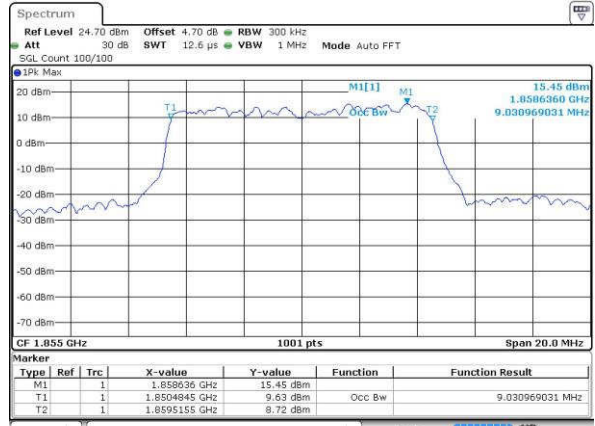
LTE Band 2

Lowest Channel / 10MHz / QPSK



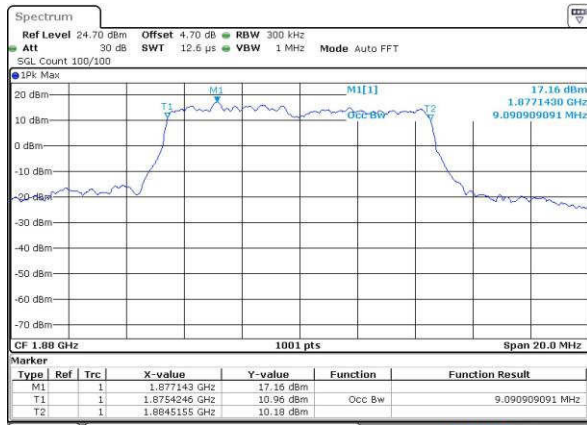
Date: 30 DEC 2016 20:24:52

Lowest Channel / 10MHz / 16QAM



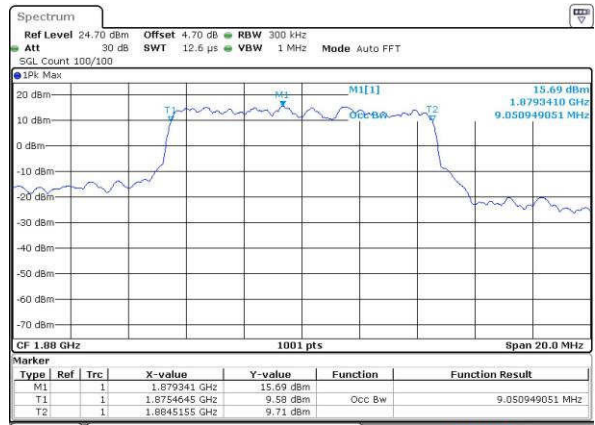
Date: 30 DEC 2016 20:25:03

Middle Channel / 10MHz / QPSK



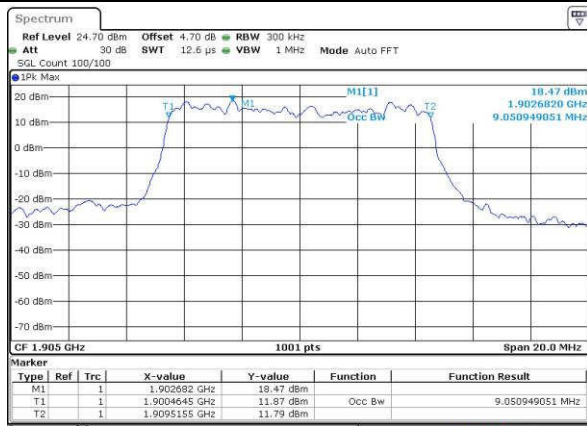
Date: 30 DEC 2016 20:32:05

Middle Channel / 10MHz / 16QAM



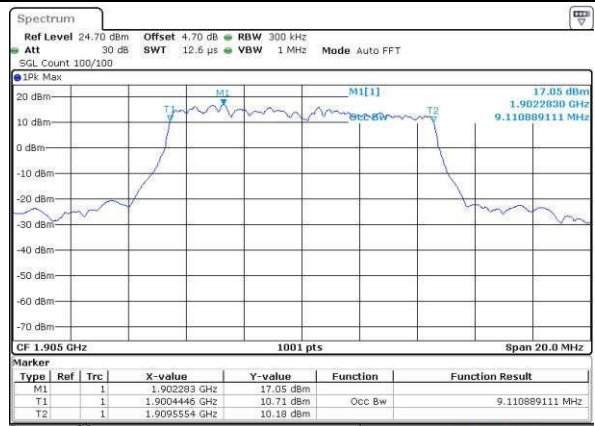
Date: 30 DEC 2016 20:32:16

Highest Channel / 10MHz / QPSK



Date: 30 DEC 2016 20:34:43

Highest Channel / 10MHz / 16QAM

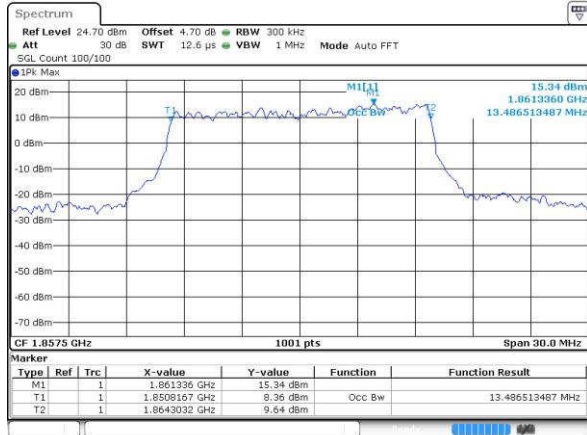


Date: 30 DEC 2016 20:34:54

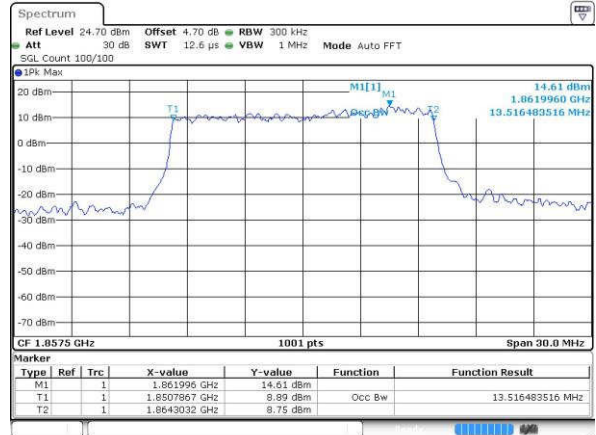


LTE Band 2

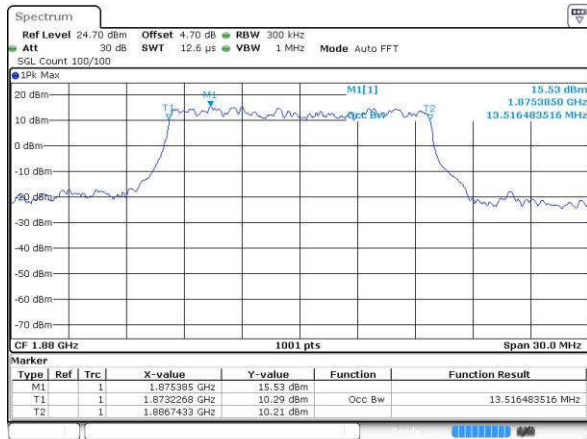
Lowest Channel / 15MHz / QPSK



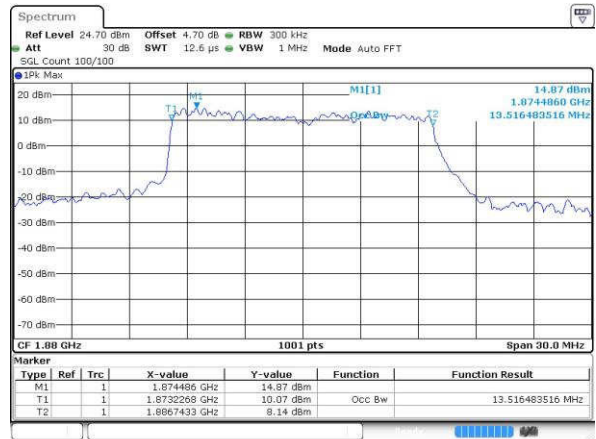
Lowest Channel / 15MHz / 16QAM



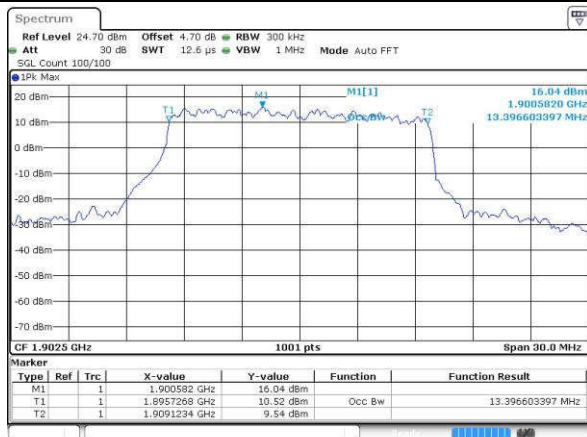
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



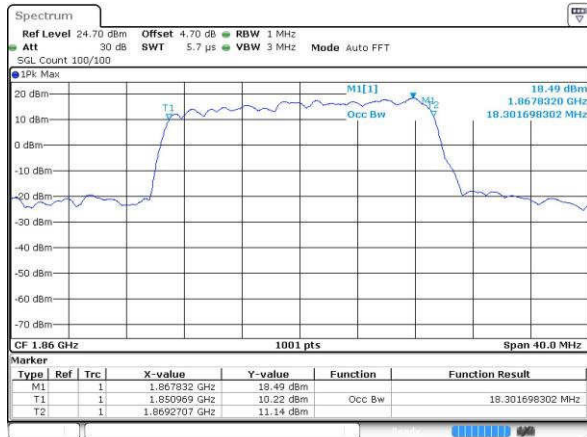
Highest Channel / 15MHz / 16QAM



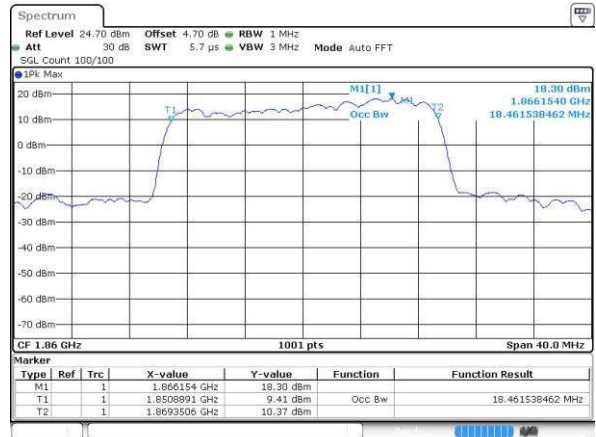


LTE Band 2

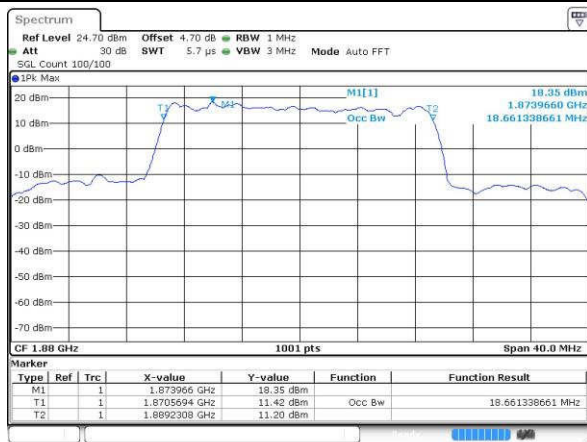
Lowest Channel / 20MHz / QPSK



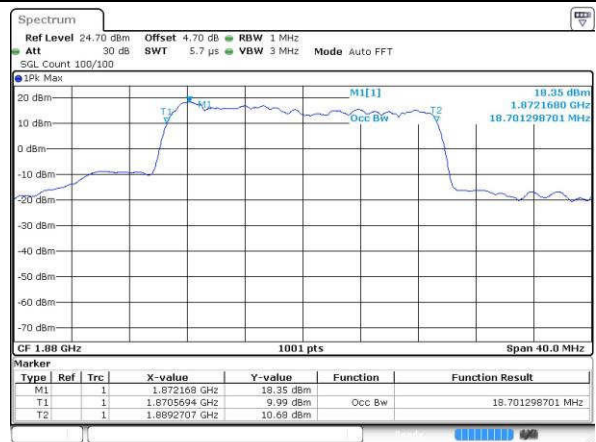
Lowest Channel / 20MHz / 16QAM



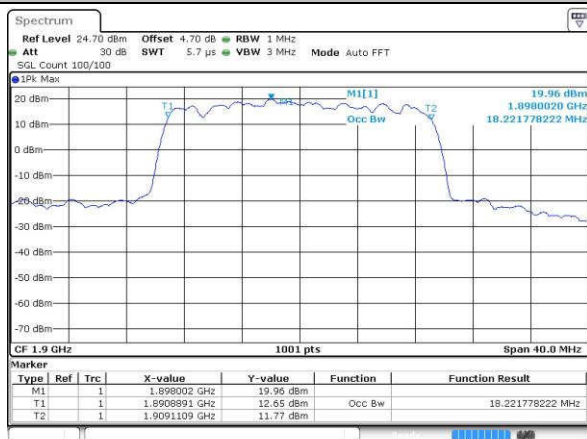
Middle Channel / 20MHz / QPSK



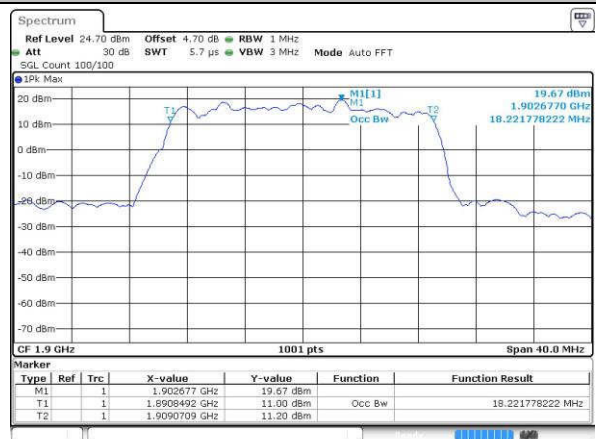
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



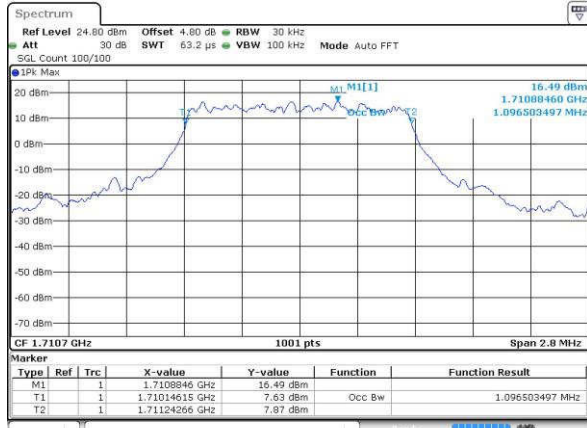
Highest Channel / 20MHz / 16QAM



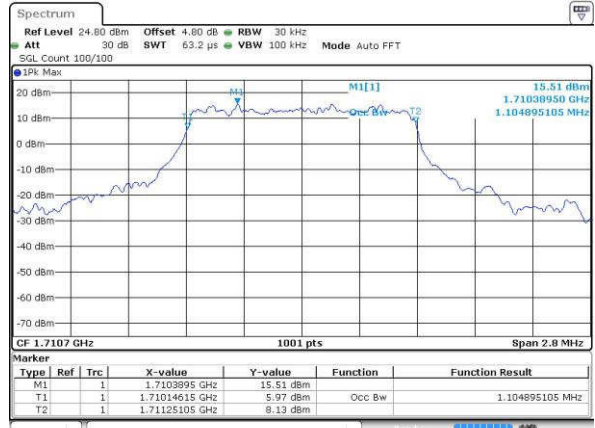


LTE Band 4

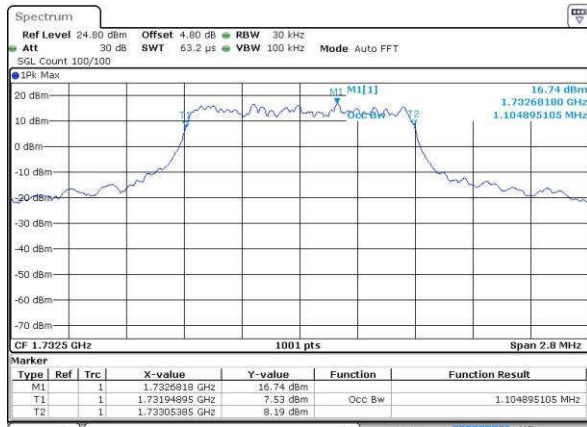
Lowest Channel / 1.4MHz / QPSK



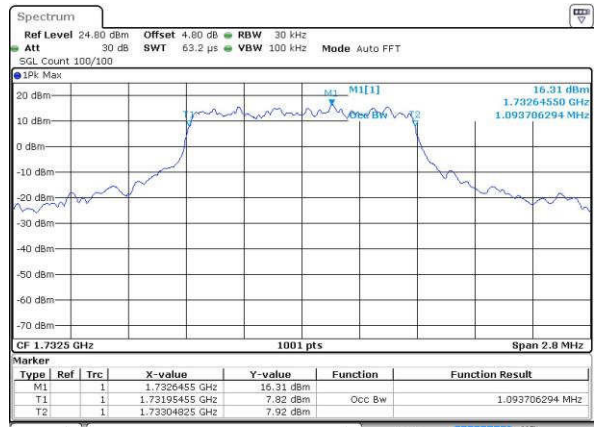
Lowest Channel / 1.4MHz / 16QAM



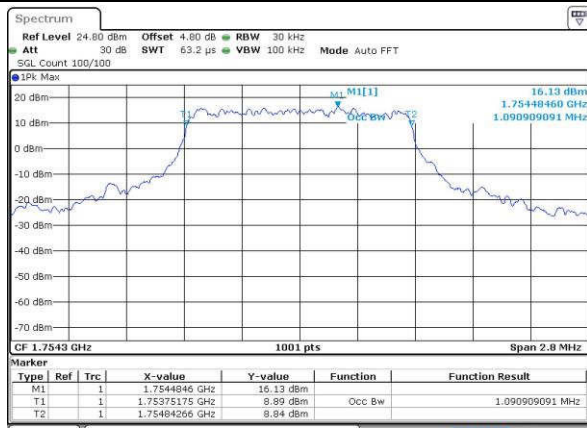
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

