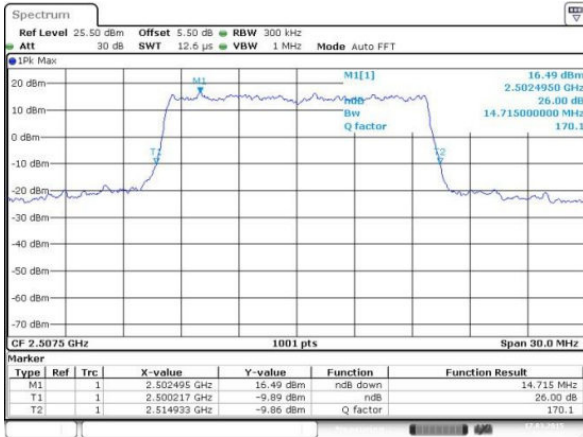


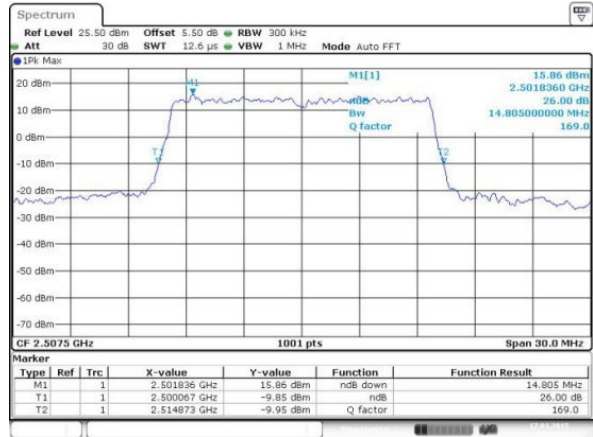


LTE Band 7

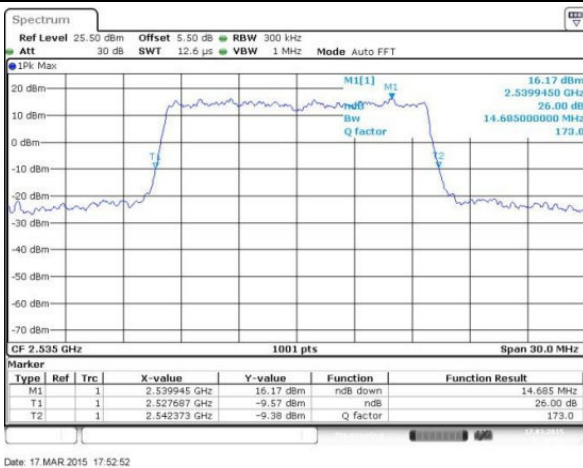
Lowest Channel / 15MHz / QPSK



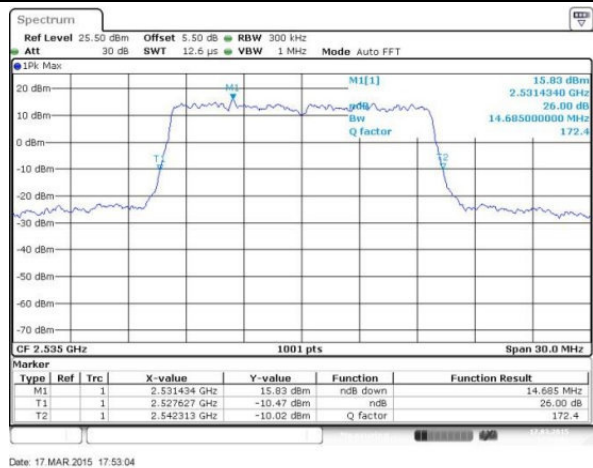
Lowest Channel / 15MHz / 16QAM



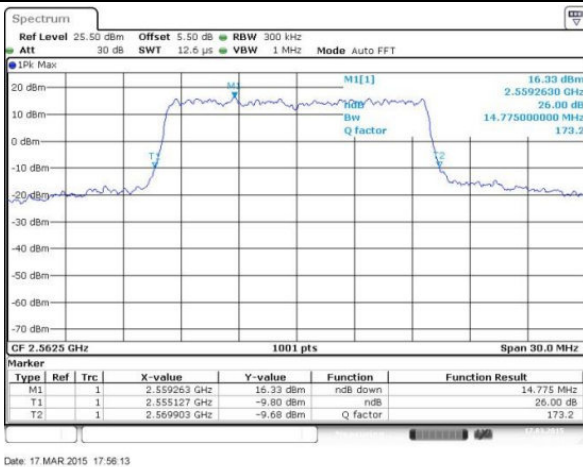
Middle Channel / 15MHz / QPSK



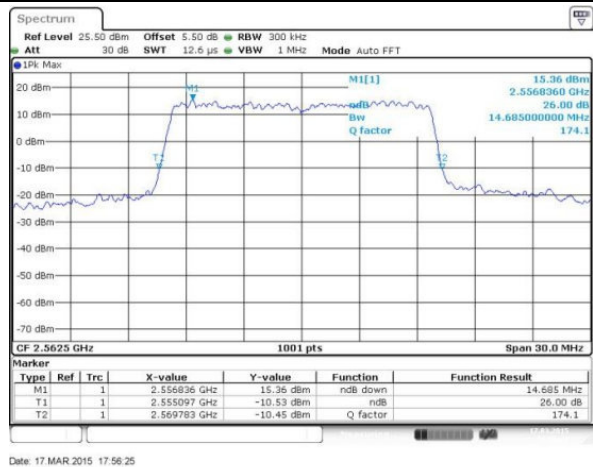
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



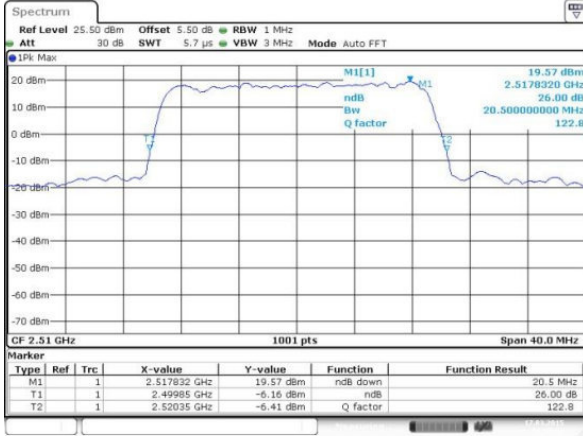
Highest Channel / 15MHz / 16QAM





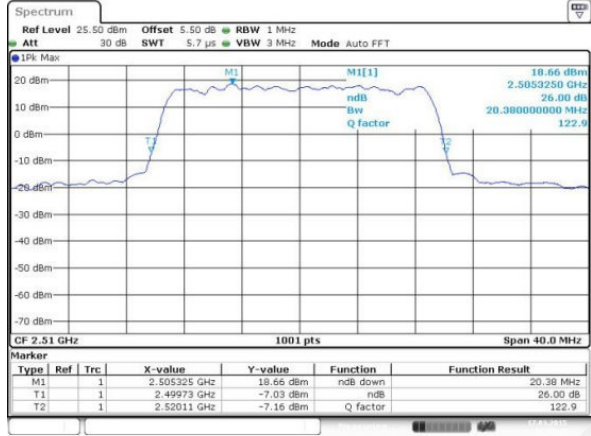
LTE Band 7

Lowest Channel / 20MHz / QPSK



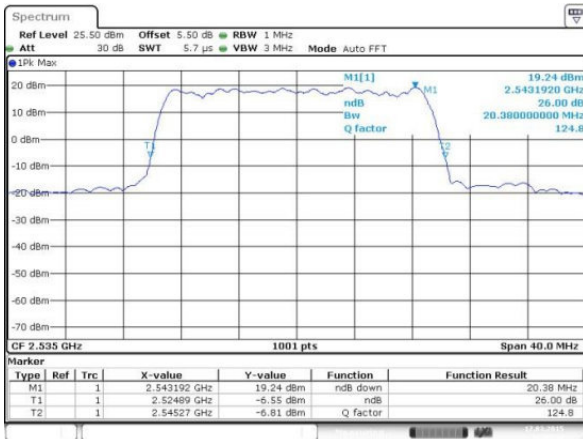
Date: 17 MAR 2015 17:59:34

Lowest Channel / 20MHz / 16QAM



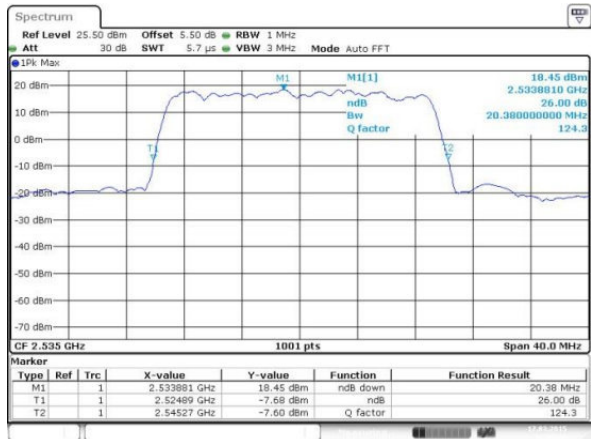
Date: 17 MAR 2015 17:59:45

Middle Channel / 20MHz / QPSK



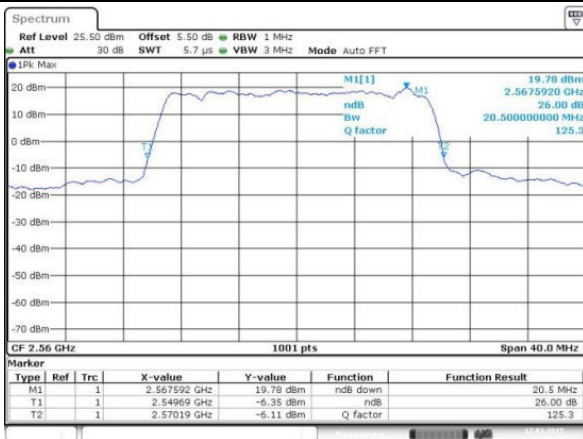
Date: 17 MAR 2015 18:02:54

Middle Channel / 20MHz / 16QAM



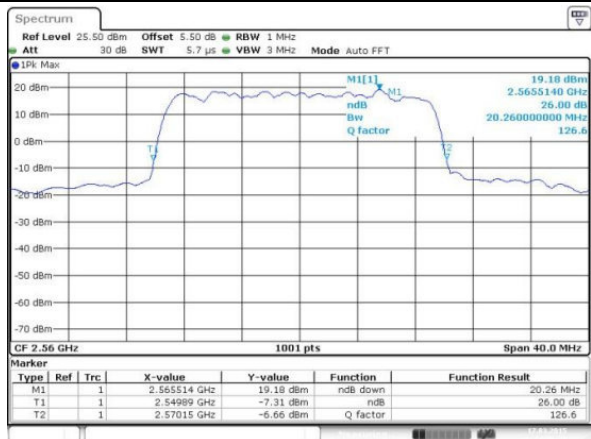
Date: 17 MAR 2015 18:03:06

Highest Channel / 20MHz / QPSK



Date: 17 MAR 2015 18:06:15

Highest Channel / 20MHz / 16QAM

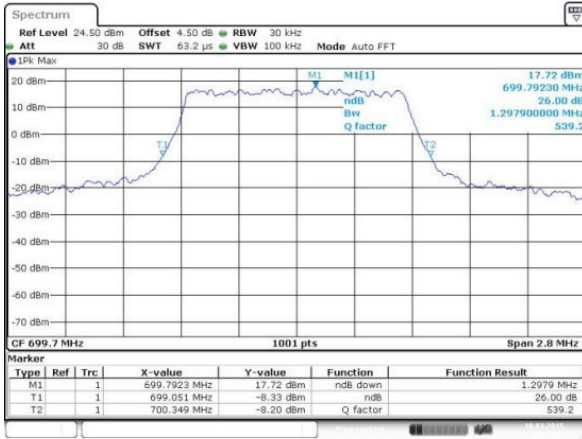


Date: 17 MAR 2015 18:06:27

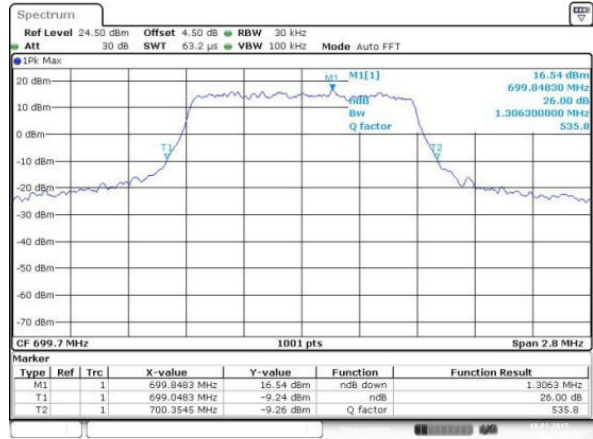


LTE Band 12

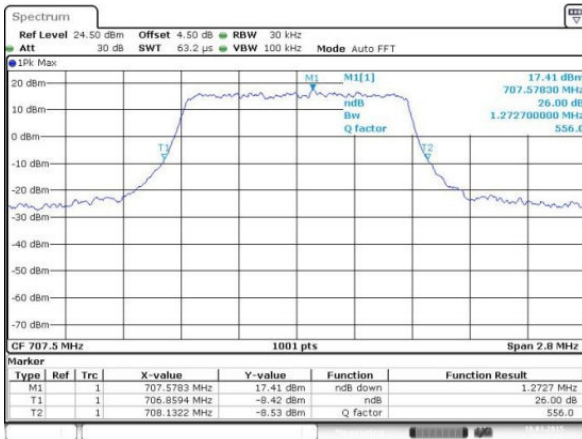
Lowest Channel / 1.4MHz / QPSK



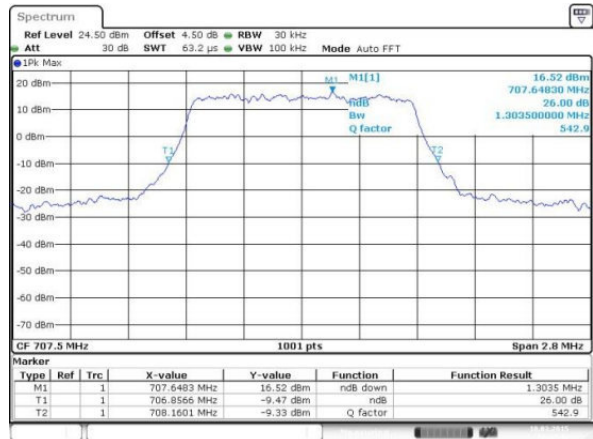
Lowest Channel / 1.4MHz / 16QAM



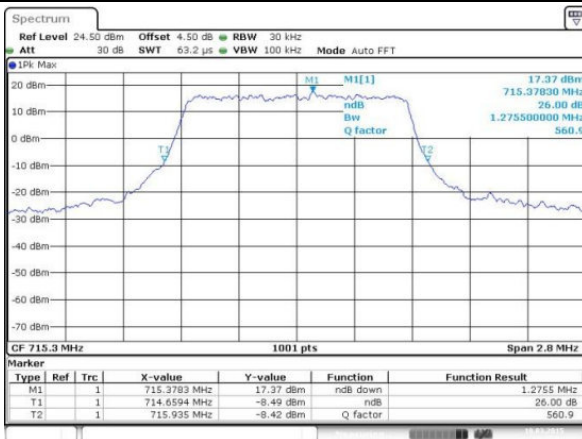
Middle Channel / 1.4MHz / QPSK



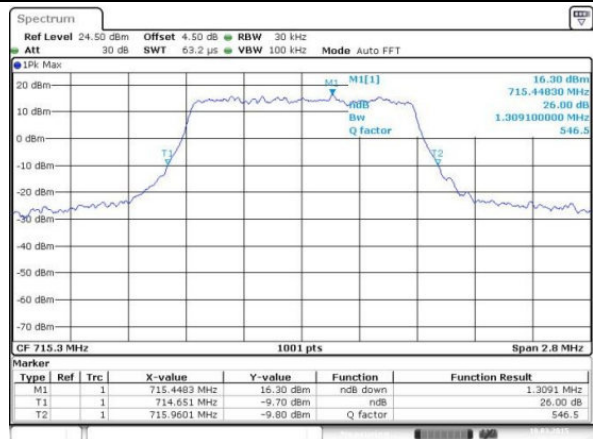
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



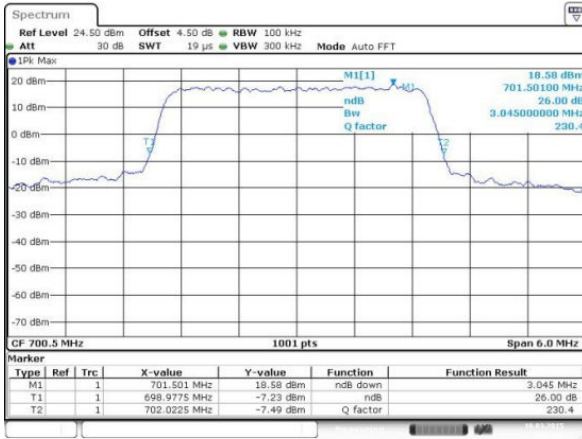
Highest Channel / 1.4MHz / 16QAM



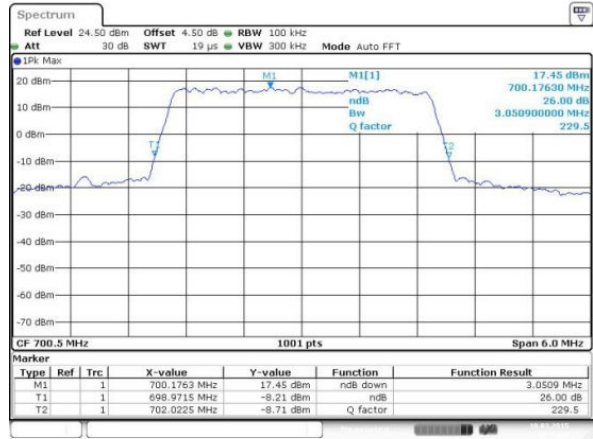


LTE Band 12

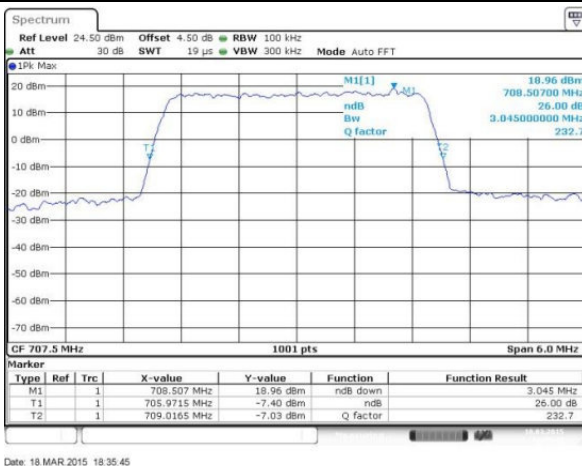
Lowest Channel / 3MHz / QPSK



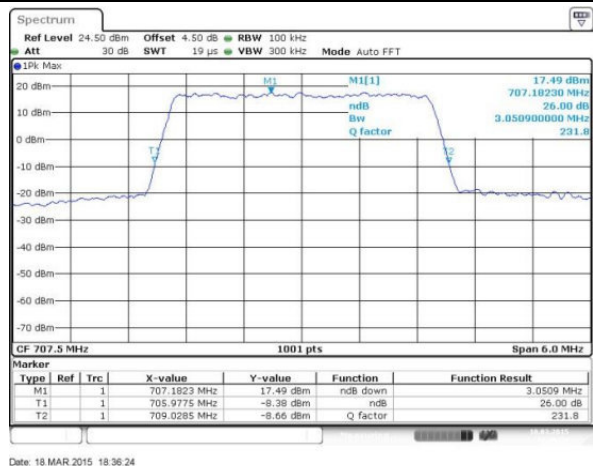
Lowest Channel / 3MHz / 16QAM



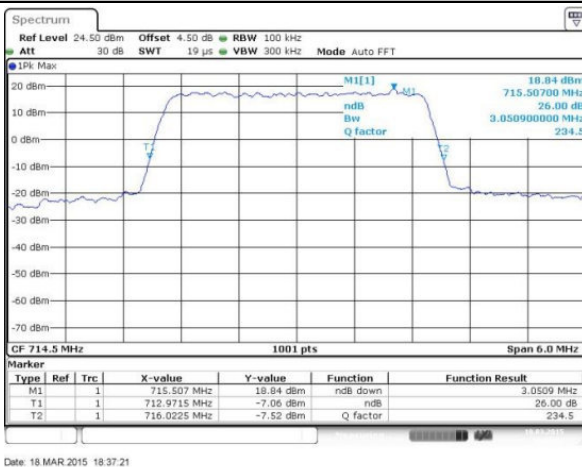
Middle Channel / 3MHz / QPSK



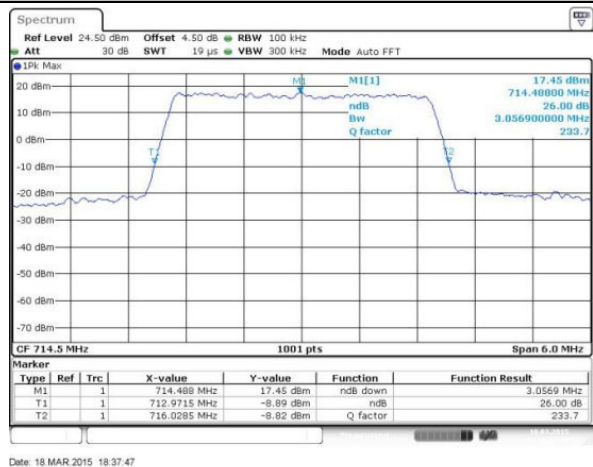
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



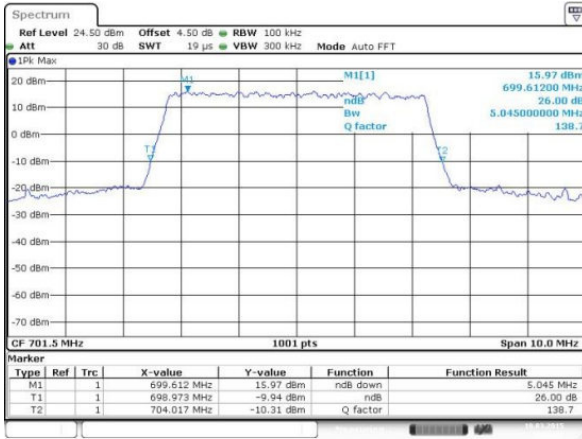
Highest Channel / 3MHz / 16QAM



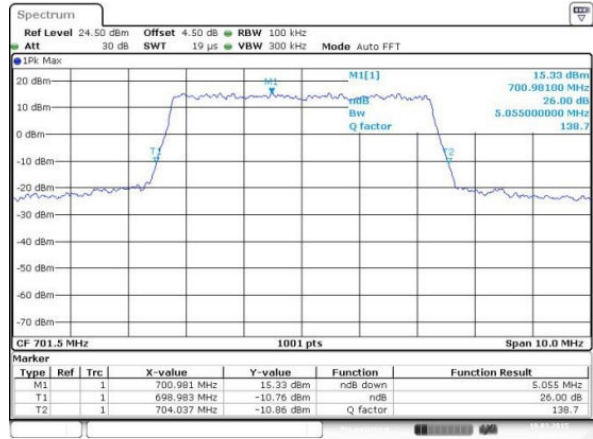


LTE Band 12

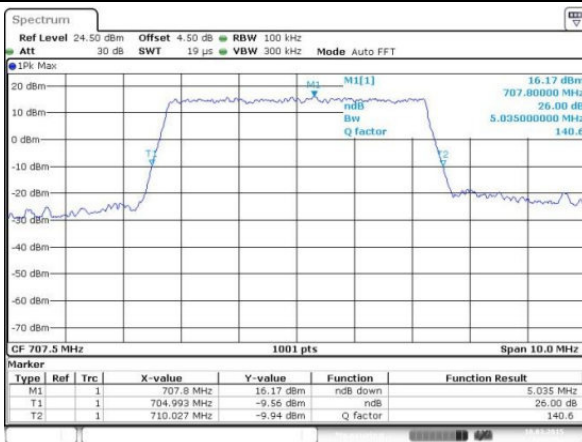
Lowest Channel / 5MHz / QPSK



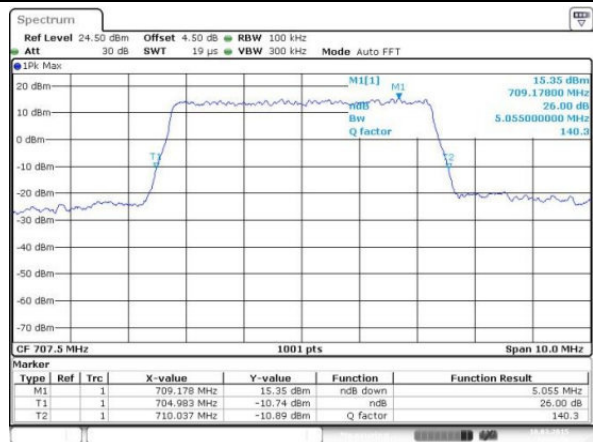
Lowest Channel / 5MHz / 16QAM



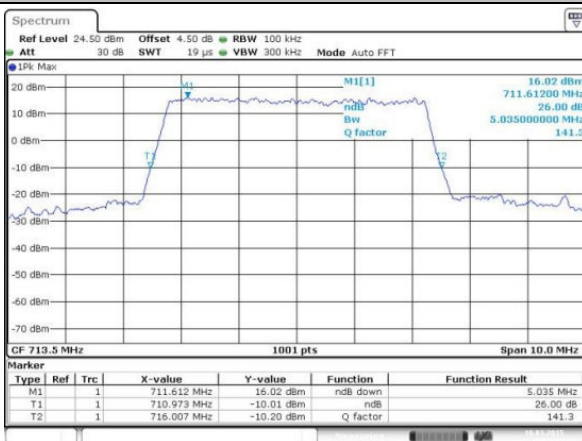
Middle Channel / 5MHz / QPSK



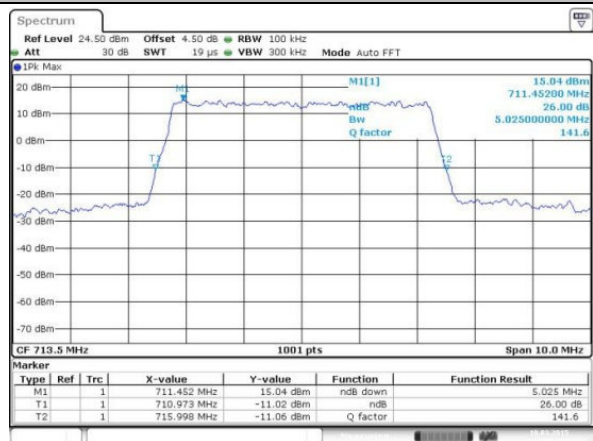
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



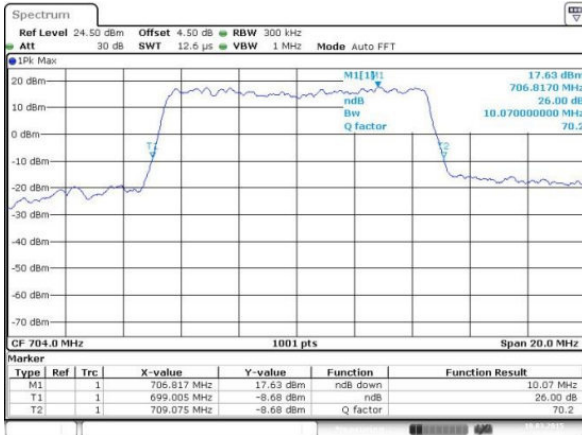
Highest Channel / 5MHz / 16QAM





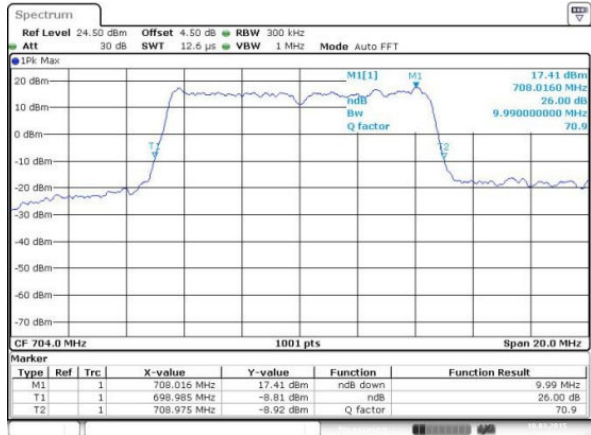
LTE Band 12

Lowest Channel / 10MHz / QPSK



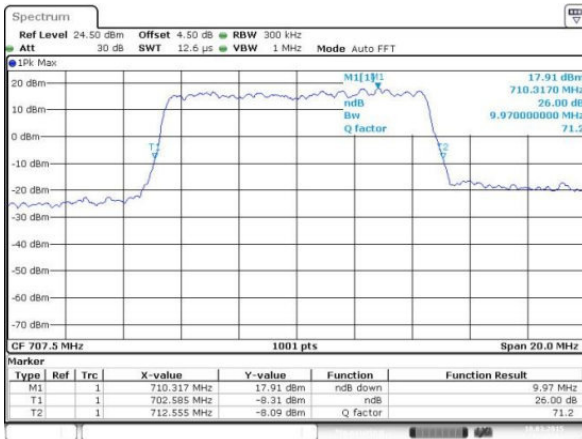
Date: 18 MAR 2015 19:04:03

Lowest Channel / 10MHz / 16QAM



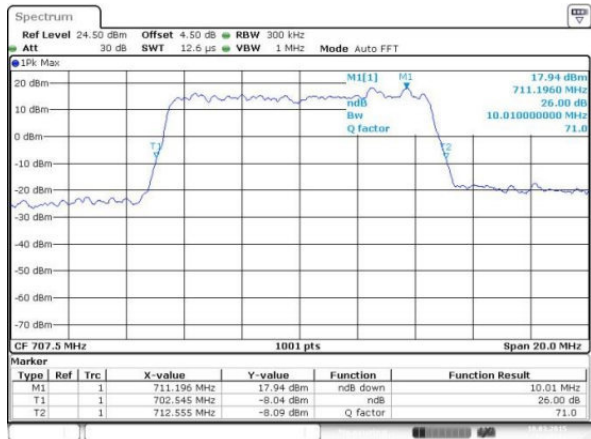
Date: 18 MAR 2015 19:04:35

Middle Channel / 10MHz / QPSK



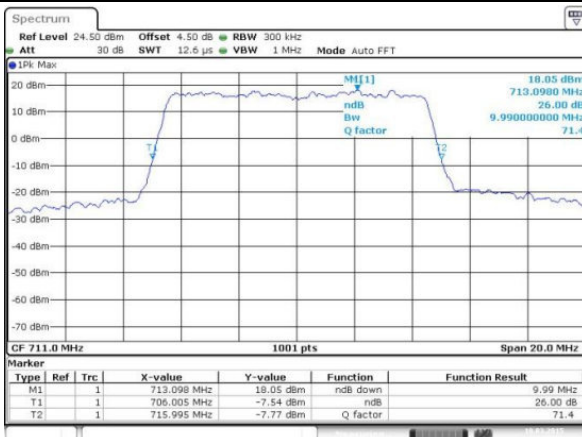
Date: 18 MAR 2015 19:05:02

Middle Channel / 10MHz / 16QAM



Date: 18 MAR 2015 19:05:22

Highest Channel / 10MHz / QPSK



Date: 18 MAR 2015 19:05:58

Highest Channel / 10MHz / 16QAM

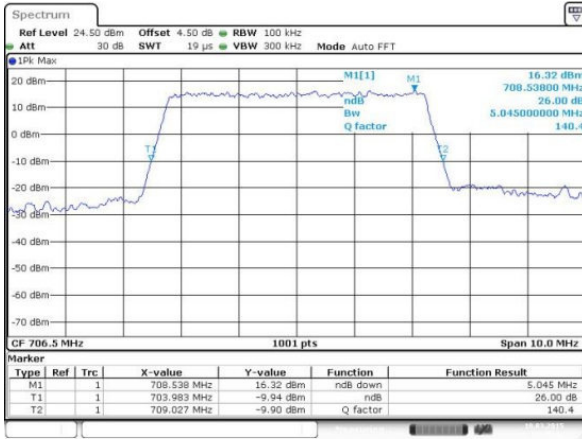


Date: 18 MAR 2015 19:06:21

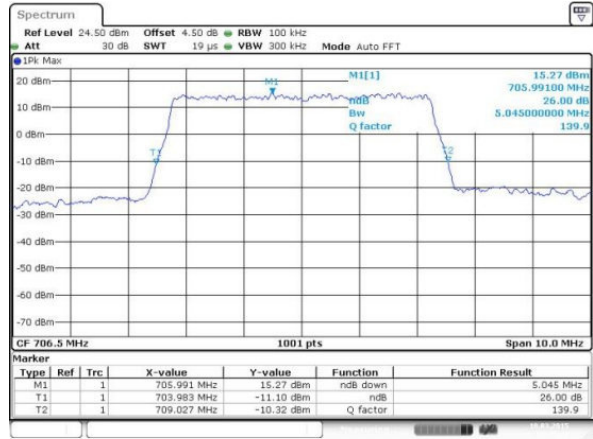


LTE Band 17

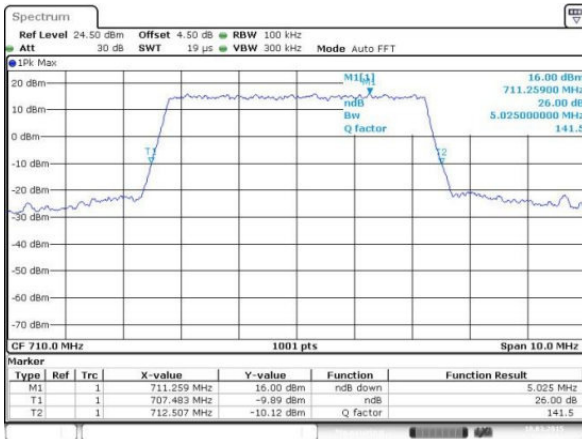
Lowest Channel / 5MHz / QPSK



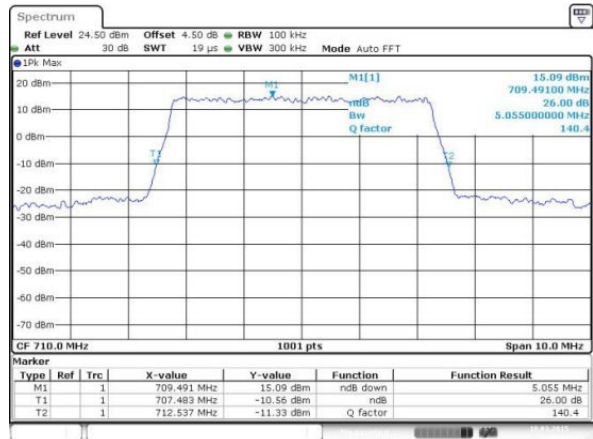
Lowest Channel / 5MHz / 16QAM



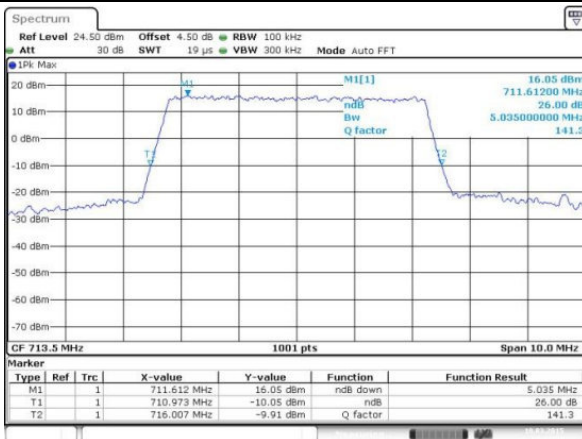
Middle Channel / 5MHz / QPSK



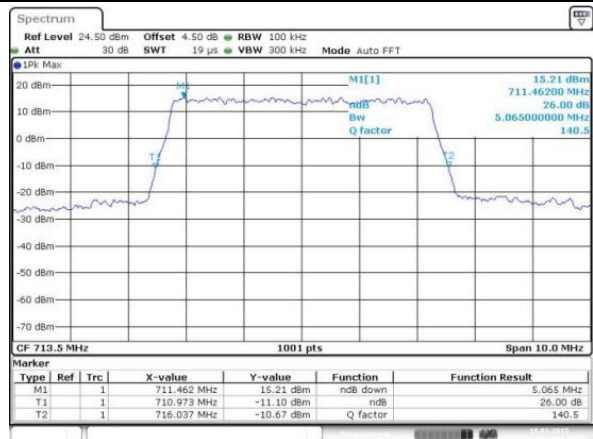
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



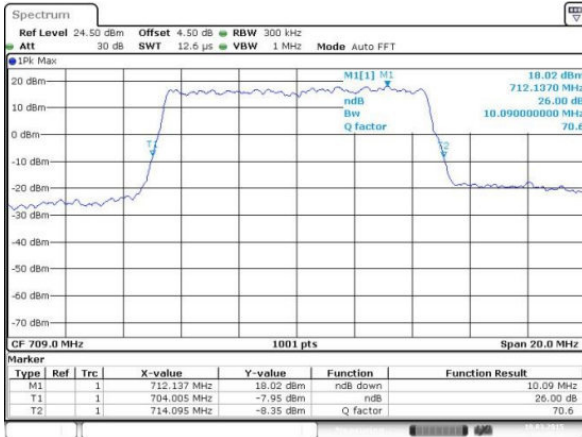
Highest Channel / 5MHz / 16QAM





LTE Band 17

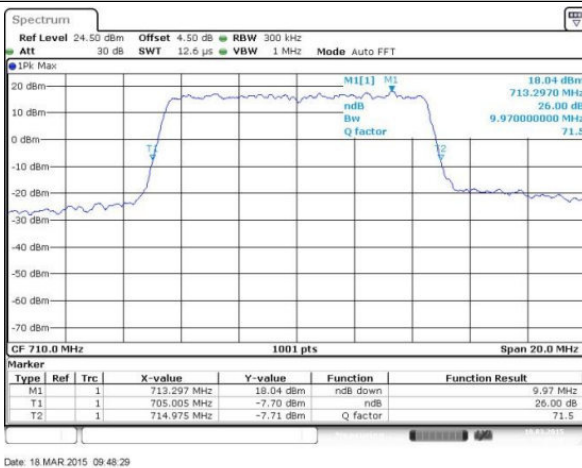
Lowest Channel / 10MHz / QPSK



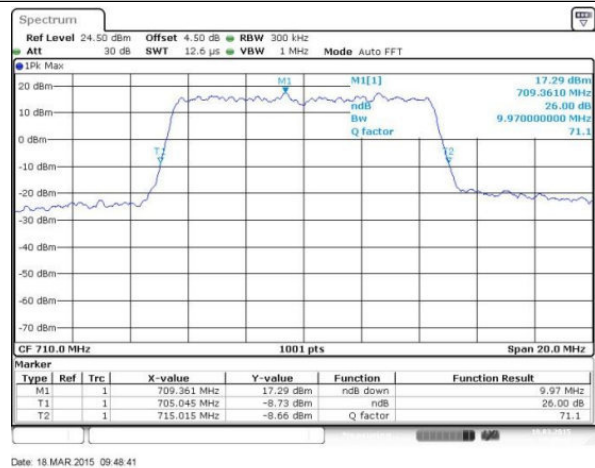
Lowest Channel / 10MHz / 16QAM



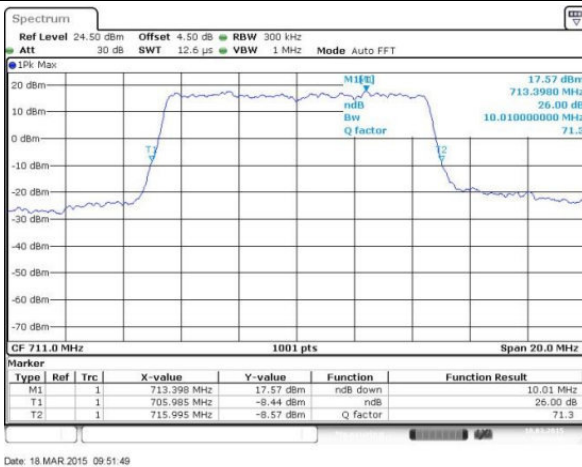
Middle Channel / 10MHz / QPSK



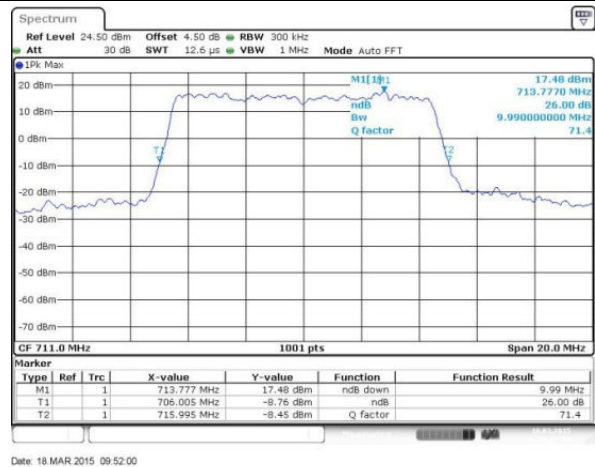
Middle Channel / 10MHz / 16QAM



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	1.091	1.097	2.727	2.727	4.486	4.496	9.071	9.051	13.457	13.457	18.422	18.462
Middle CH	1.097	1.097	2.721	2.721	4.505	4.496	9.091	9.031	13.427	13.457	18.302	18.262
Highest CH	1.099	1.097	2.721	2.727	4.505	4.496	9.031	9.051	13.427	13.487	18.342	18.382

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	1.094	1.097	2.727	2.721	4.496	4.486	9.071	9.031	13.487	13.457	18.342	18.422
Middle CH	1.097	1.097	2.727	2.727	4.496	4.496	9.071	9.051	13.516	13.487	18.422	18.581
Highest CH	1.097	1.097	2.727	2.733	4.496	4.505	9.051	9.051	13.457	13.457	18.222	18.142

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	1.097	1.097	2.727	2.721	4.505	4.496	9.051	9.031	-	-	-	-
Middle CH	1.097	1.097	2.733	2.727	4.505	4.505	9.071	9.051	-	-	-	-
Highest CH	1.094	1.097	2.721	2.727	4.496	4.496	9.071	8.991	-	-	-	-

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	-	-	-	-	4.496	4.496	9.031	9.031	13.427	13.487	18.342	18.462
Middle CH	-	-	-	-	4.505	4.486	9.131	9.031	13.487	13.516	18.342	18.342
Highest CH	-	-	-	-	4.505	4.496	9.111	9.051	13.427	13.487	18.422	18.422



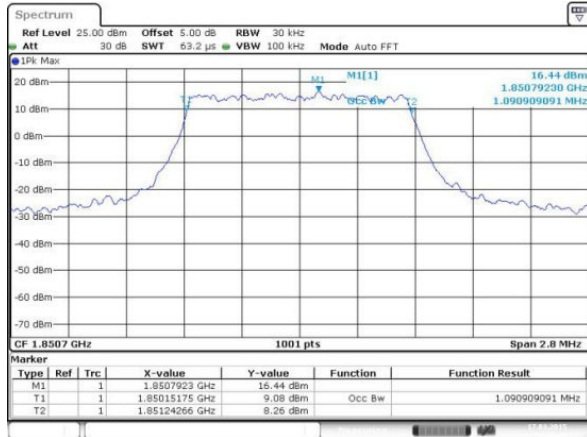
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.097	1.097	2.721	2.721	4.505	4.496	9.091	9.031	-	-	-	-
Middle CH	1.094	1.097	2.721	2.727	4.496	4.496	9.051	9.031	-	-	-	-
Highest CH	1.094	1.097	2.733	2.721	4.496	4.505	9.031	9.031	-	-	-	-

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	-	-	-	-	4.505	4.496	9.071	8.991	-	-	-	-
Middle CH	-	-	-	-	4.496	4.496	9.031	9.011	-	-	-	-
Highest CH	-	-	-	-	4.505	4.505	9.091	9.051	-	-	-	-



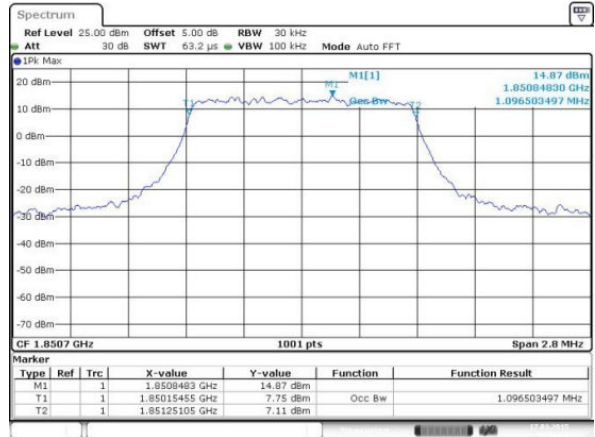
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



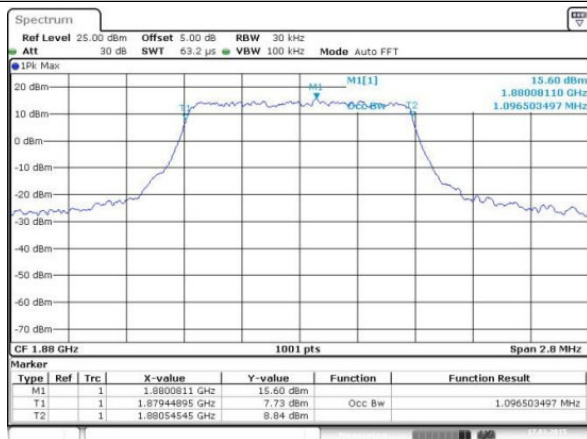
Date: 17 MAR 2015 09:36:48

Lowest Channel / 1.4MHz / 16QAM



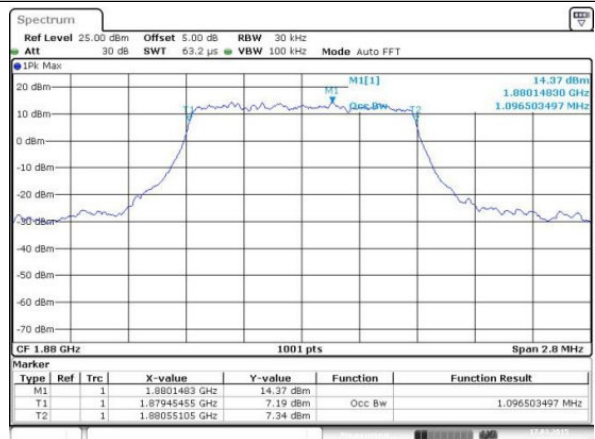
Date: 17 MAR 2015 09:36:58

Middle Channel / 1.4MHz / QPSK



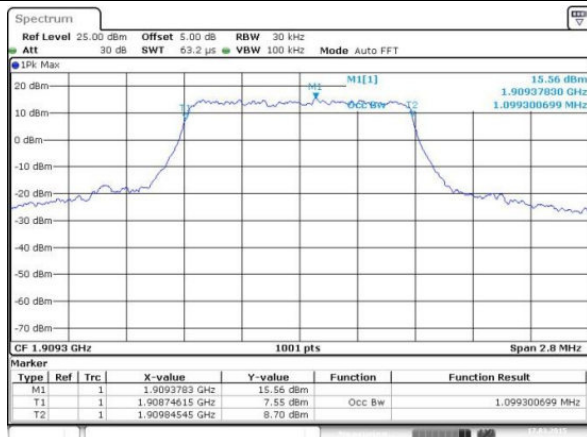
Date: 17 MAR 2015 09:40:09

Middle Channel / 1.4MHz / 16QAM



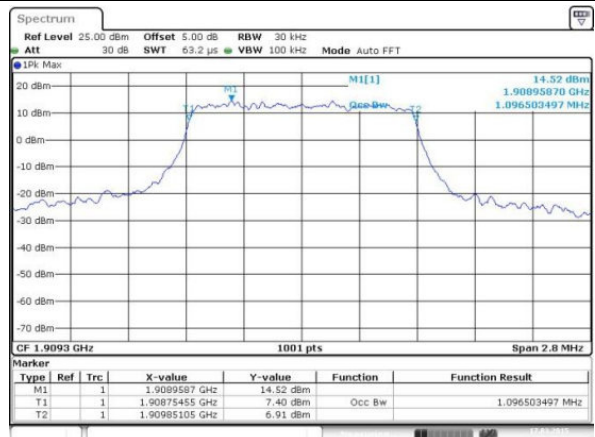
Date: 17 MAR 2015 09:40:19

Highest Channel / 1.4MHz / QPSK



Date: 17 MAR 2015 09:43:29

Highest Channel / 1.4MHz / 16QAM

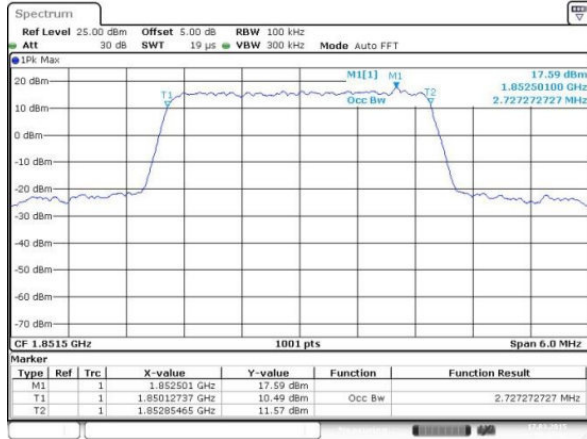


Date: 17 MAR 2015 09:43:39



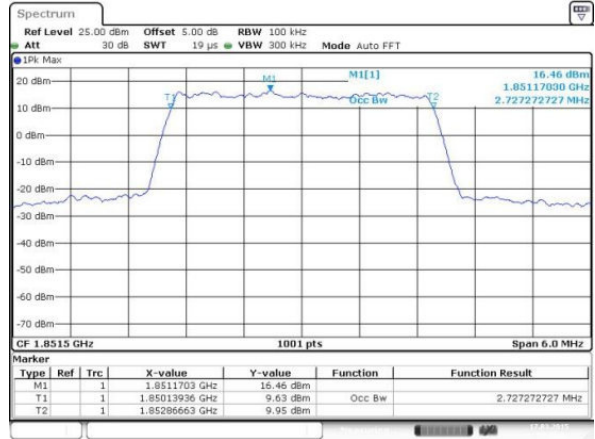
LTE Band 2

Lowest Channel / 3MHz / QPSK



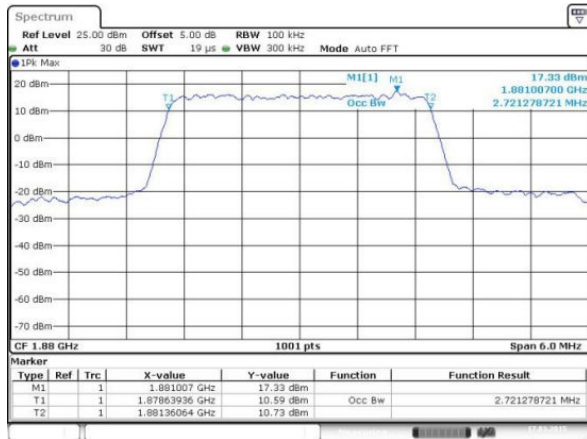
Date: 17 MAR 2015 09:47:52

Lowest Channel / 3MHz / 16QAM



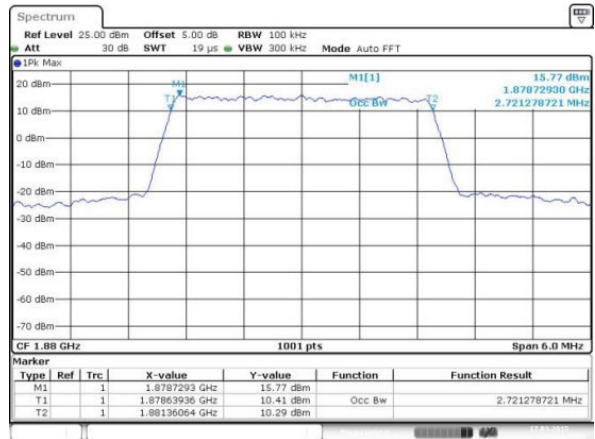
Date: 17 MAR 2015 09:48:02

Middle Channel / 3MHz / QPSK



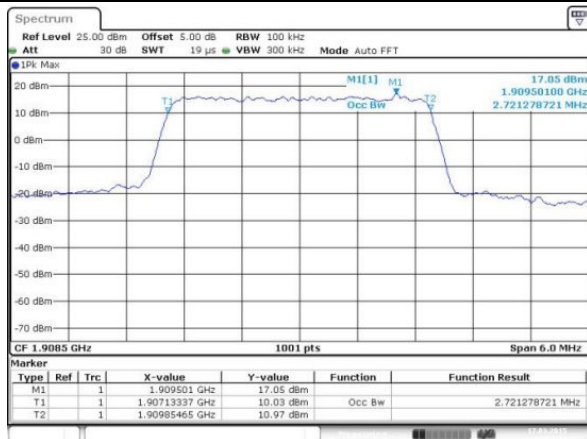
Date: 17 MAR 2015 09:51:13

Middle Channel / 3MHz / 16QAM



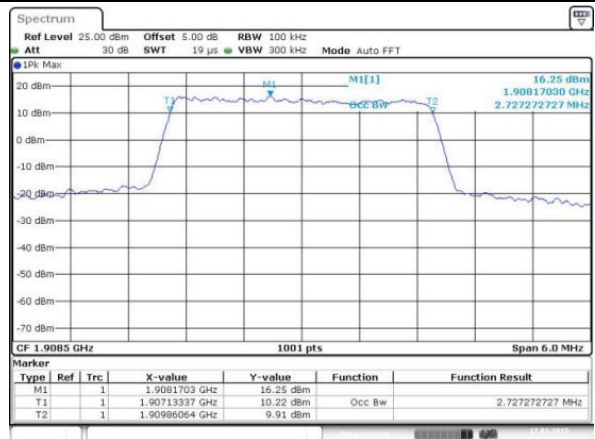
Date: 17 MAR 2015 09:51:22

Highest Channel / 3MHz / QPSK



Date: 17 MAR 2015 09:54:32

Highest Channel / 3MHz / 16QAM

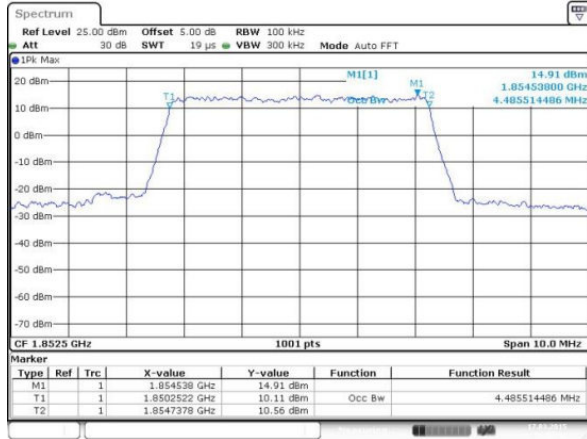


Date: 17 MAR 2015 09:54:42

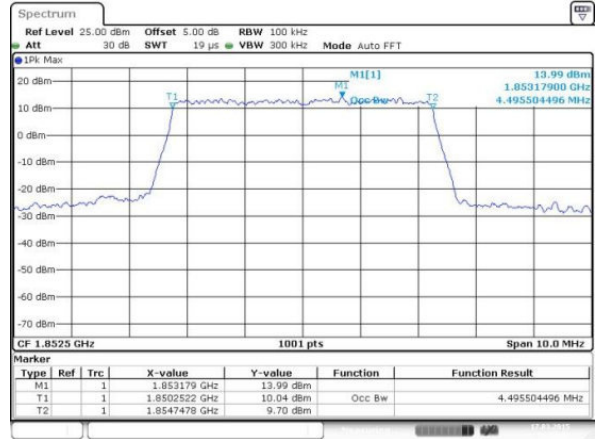


LTE Band 2

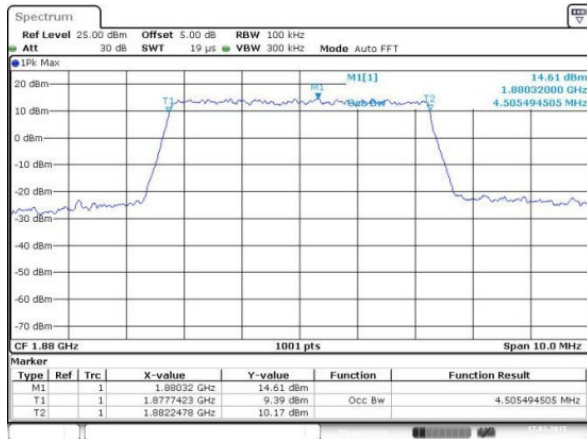
Lowest Channel / 5MHz / QPSK



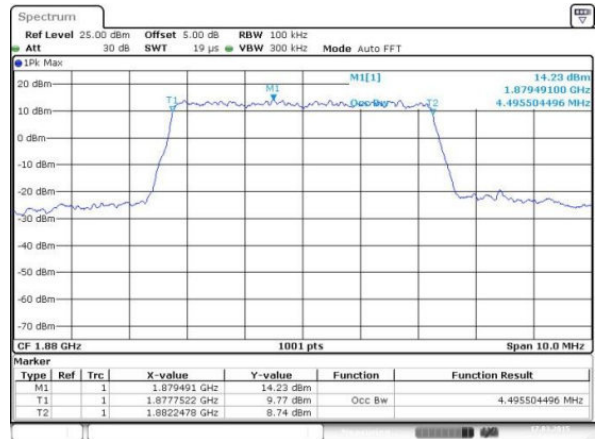
Lowest Channel / 5MHz / 16QAM



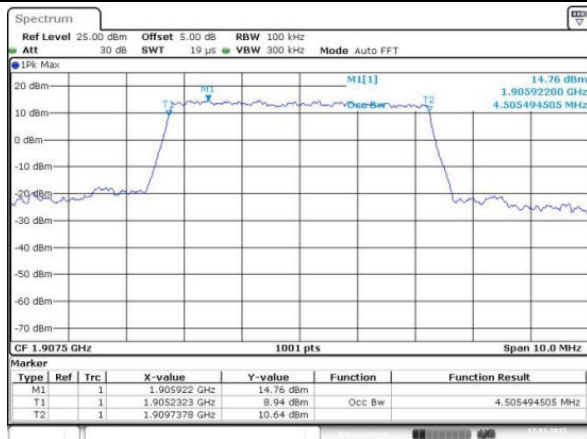
Middle Channel / 5MHz / QPSK



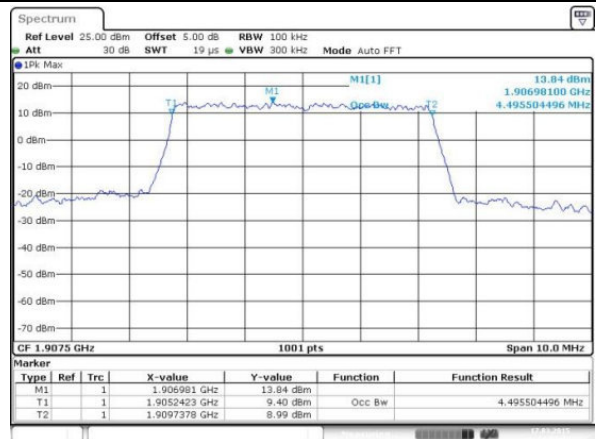
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



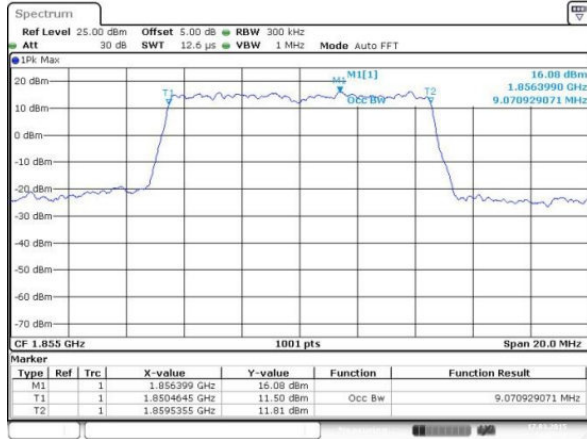
Highest Channel / 5MHz / 16QAM



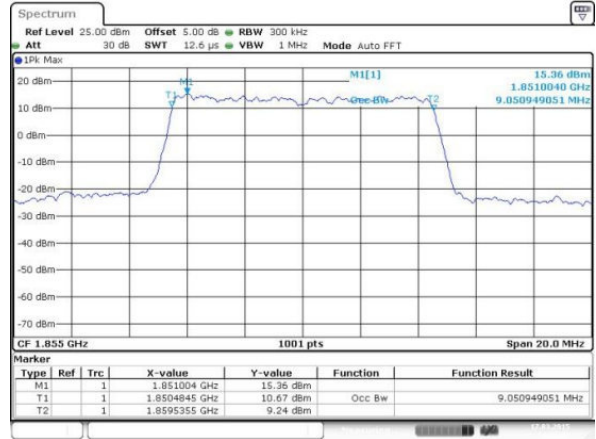


LTE Band 2

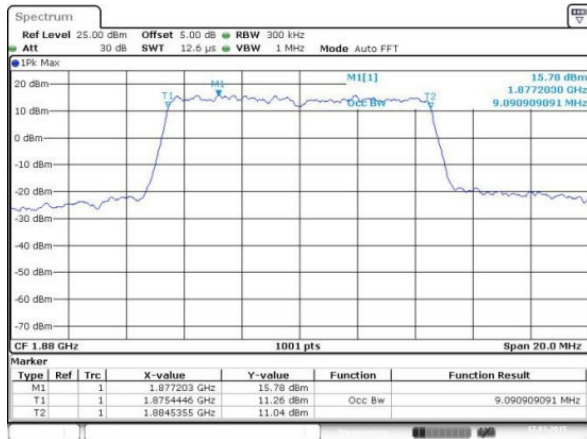
Lowest Channel / 10MHz / QPSK



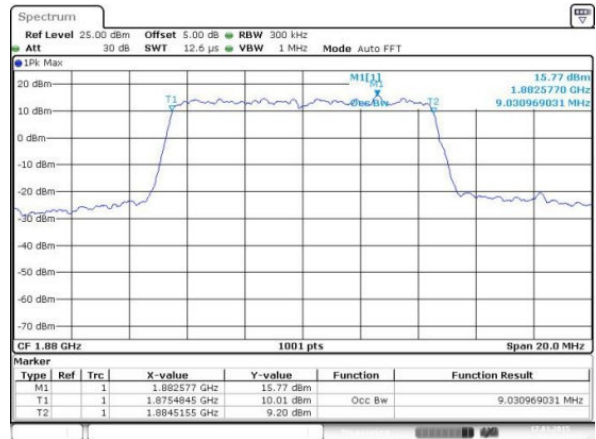
Lowest Channel / 10MHz / 16QAM



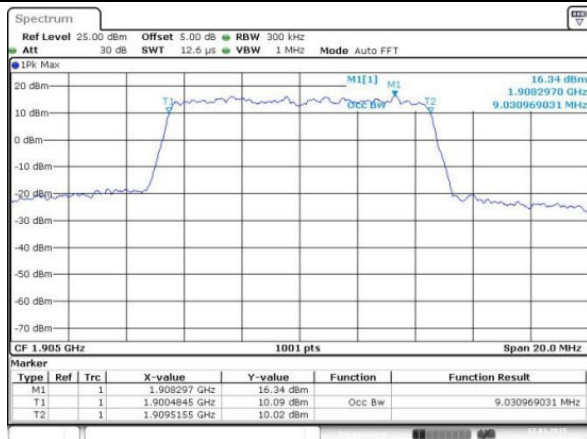
Middle Channel / 10MHz / QPSK



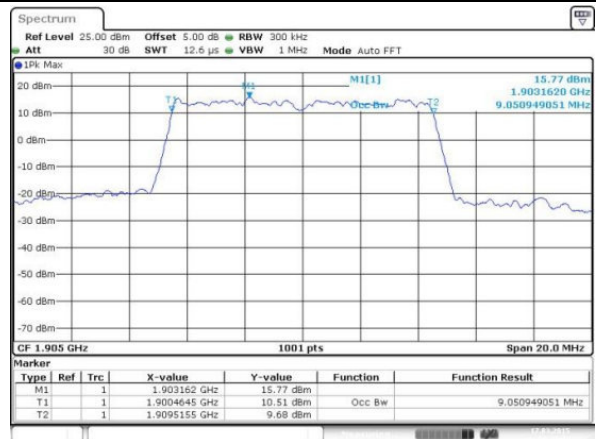
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



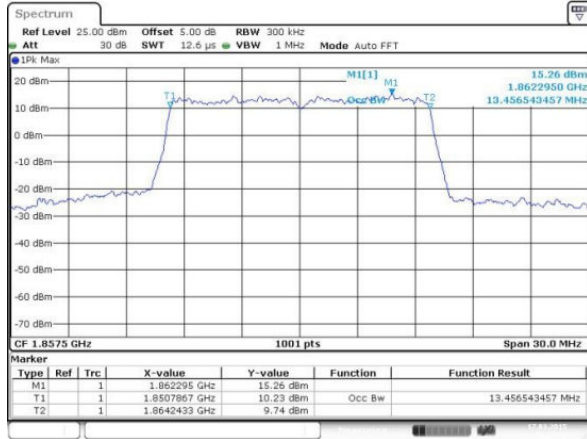
Highest Channel / 10MHz / 16QAM



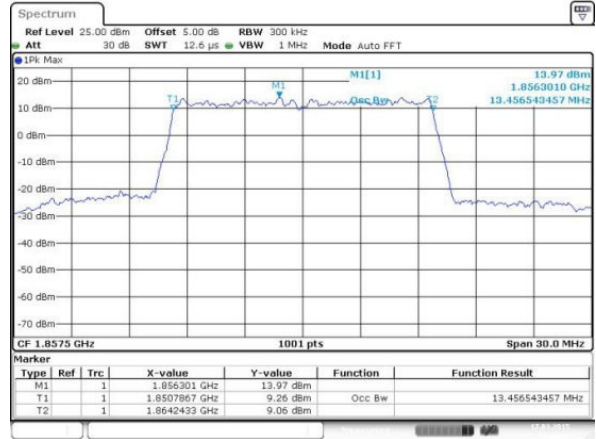


LTE Band 2

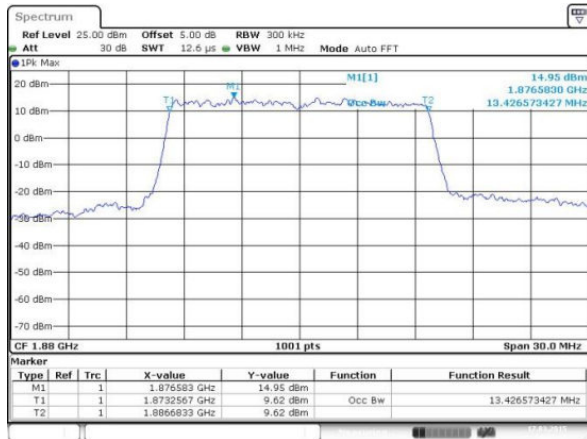
Lowest Channel / 15MHz / QPSK



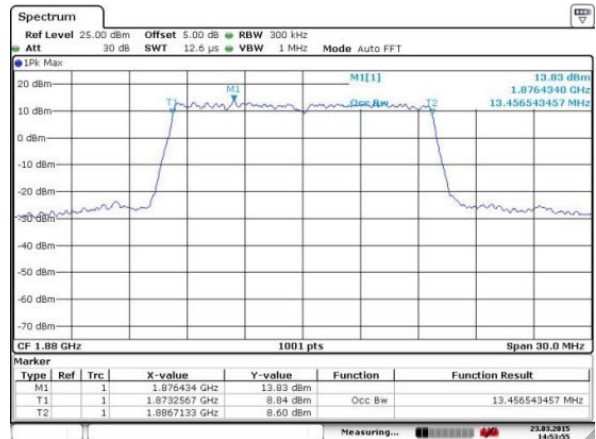
Lowest Channel / 15MHz / 16QAM



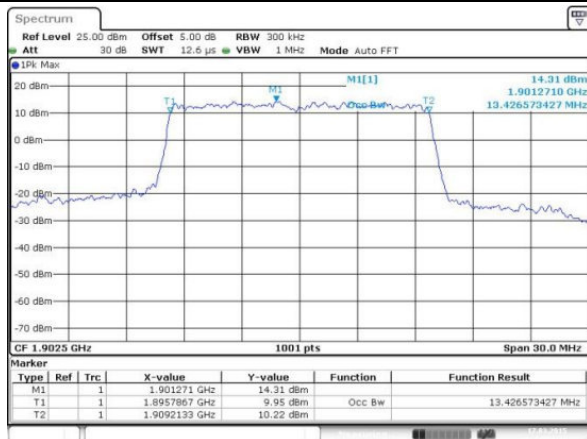
Middle Channel / 15MHz / QPSK



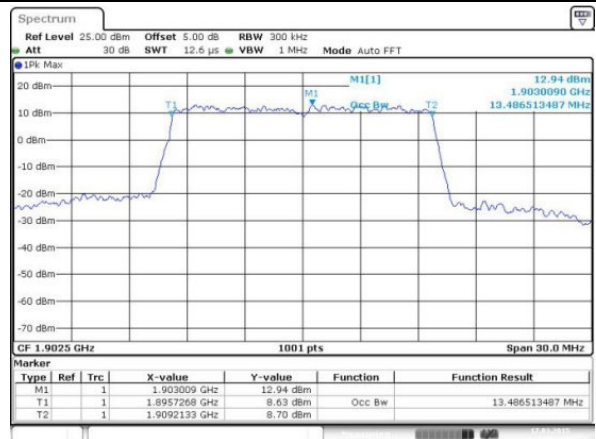
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



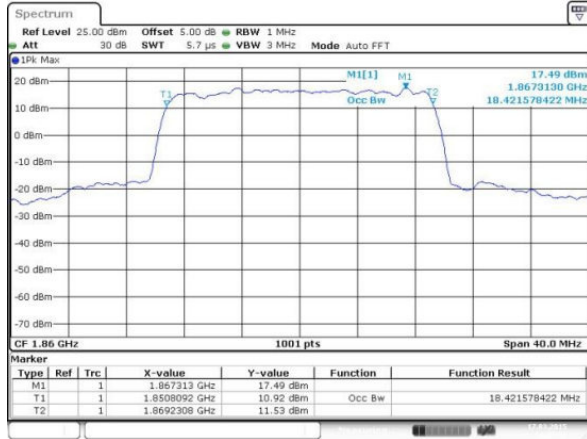
Highest Channel / 15MHz / 16QAM



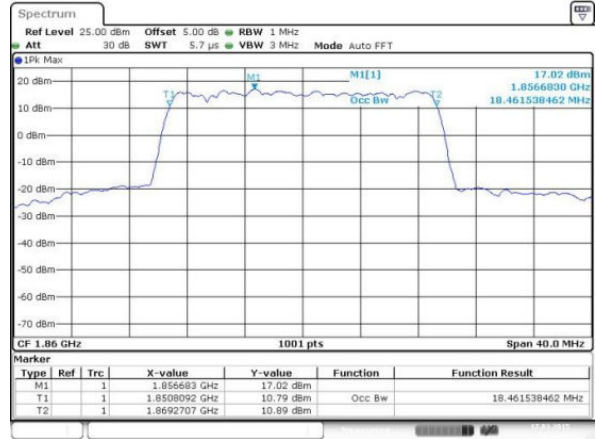


LTE Band 2

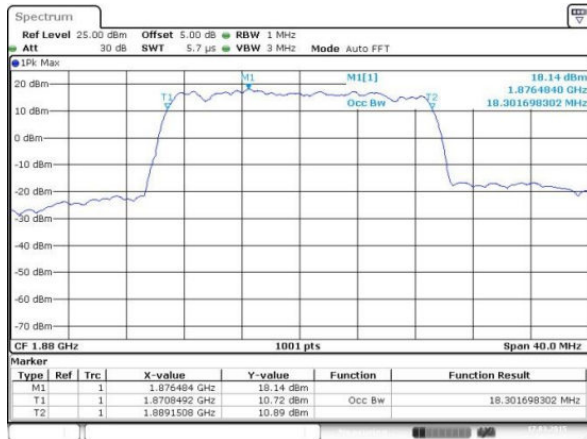
Lowest Channel / 20MHz / QPSK



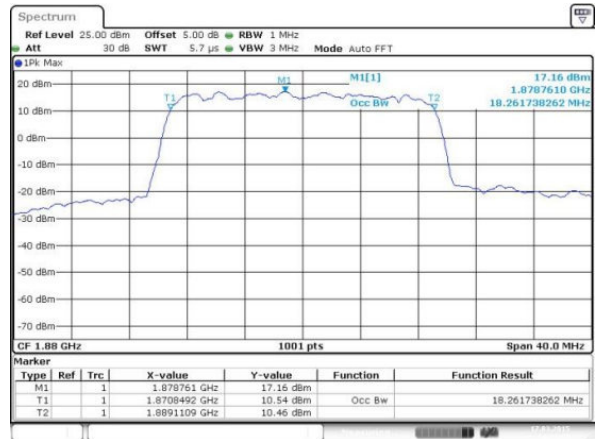
Lowest Channel / 20MHz / 16QAM



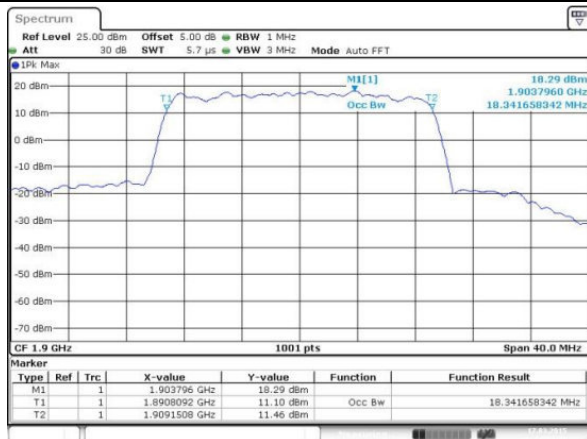
Middle Channel / 20MHz / QPSK



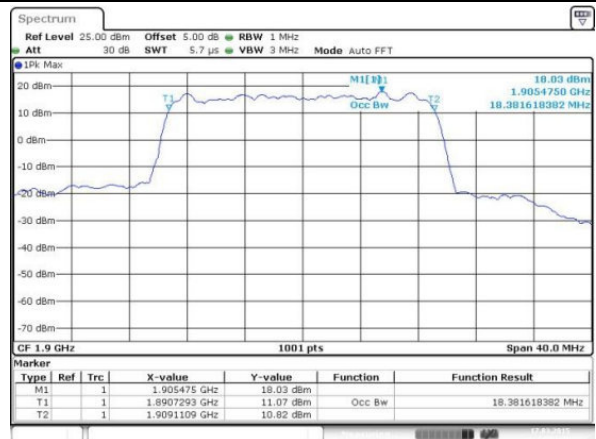
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



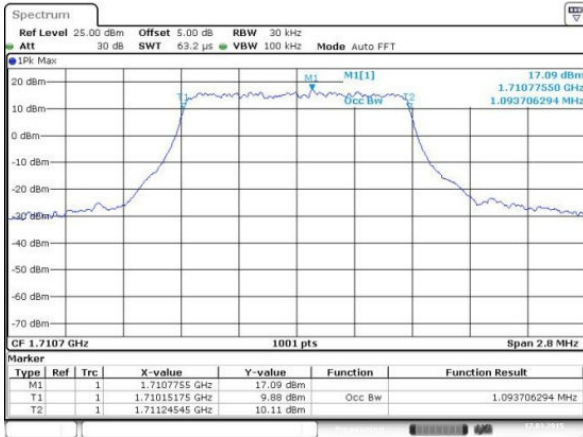
Highest Channel / 20MHz / 16QAM



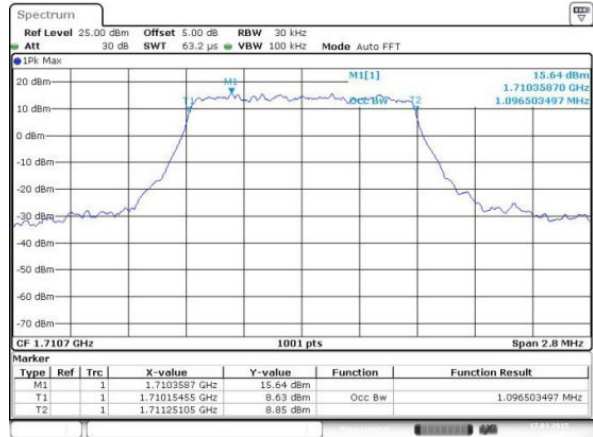


LTE Band 4

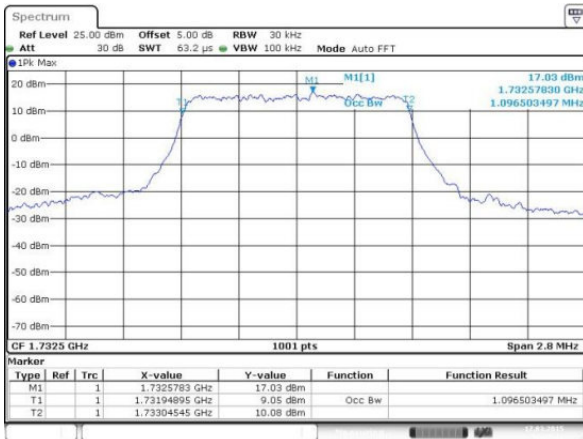
Lowest Channel / 1.4MHz / QPSK



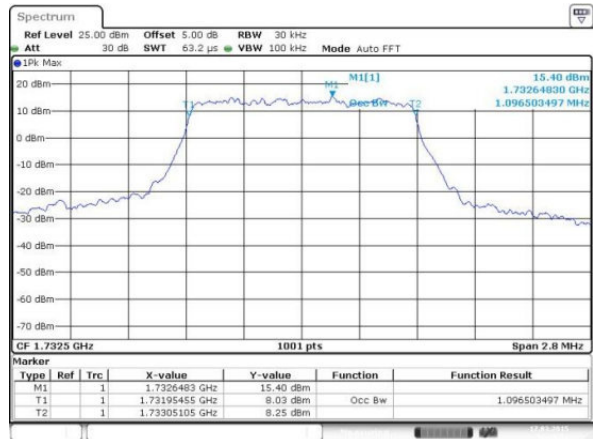
Lowest Channel / 1.4MHz / 16QAM



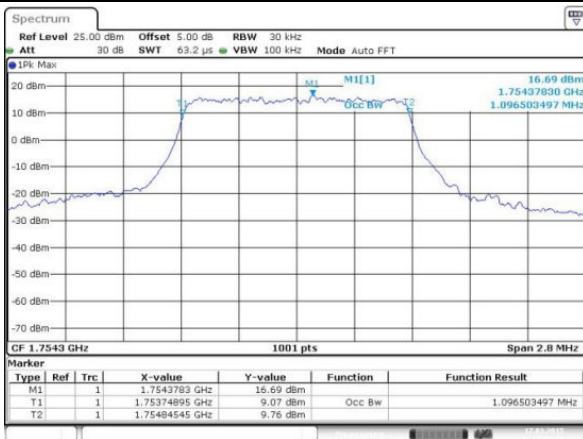
Middle Channel / 1.4MHz / QPSK



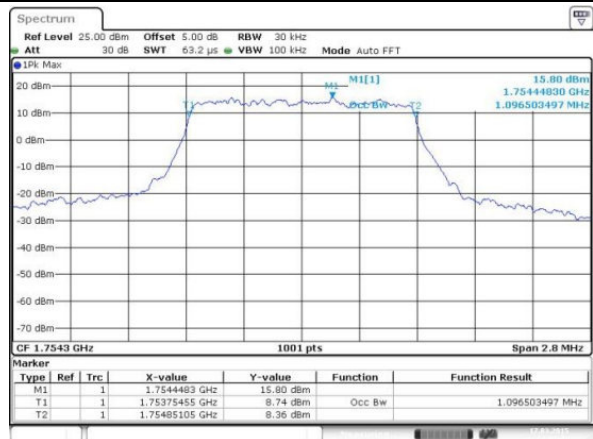
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



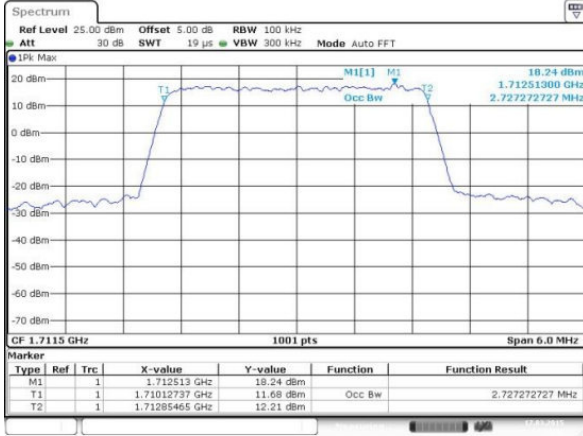
Highest Channel / 1.4MHz / 16QAM



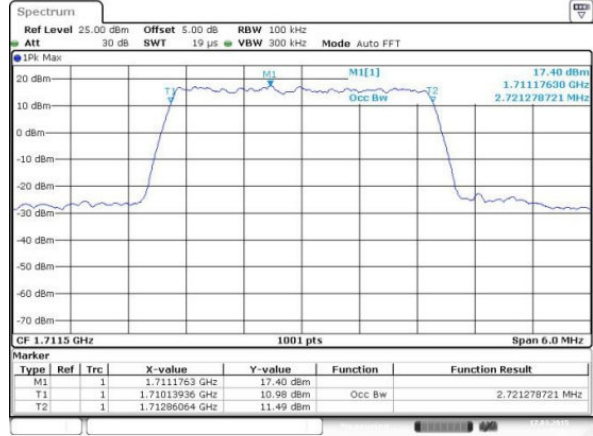


LTE Band 4

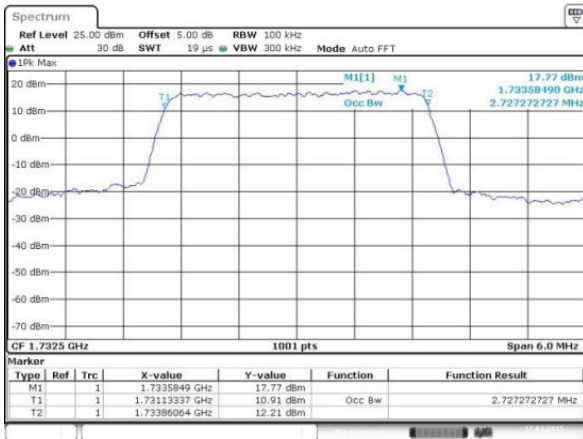
Lowest Channel / 3MHz / QPSK



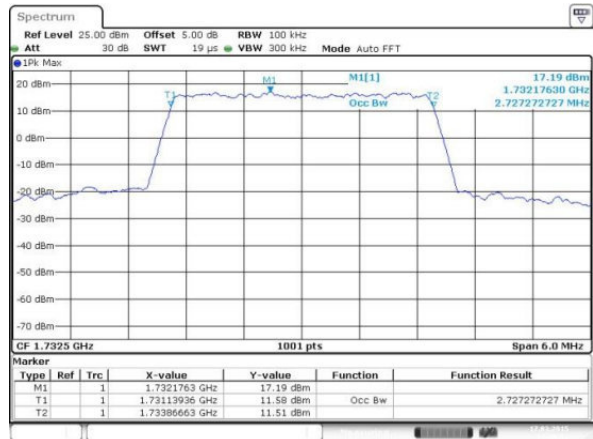
Lowest Channel / 3MHz / 16QAM



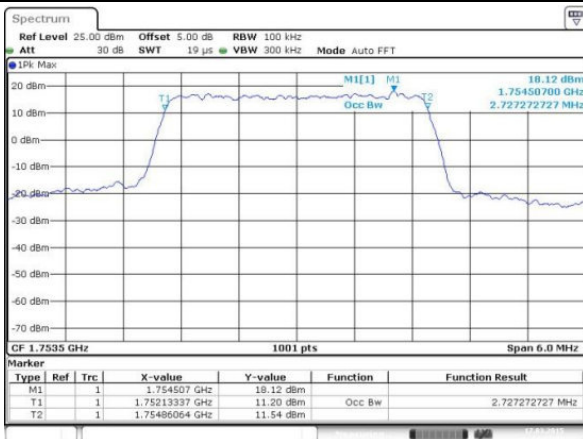
Middle Channel / 3MHz / QPSK



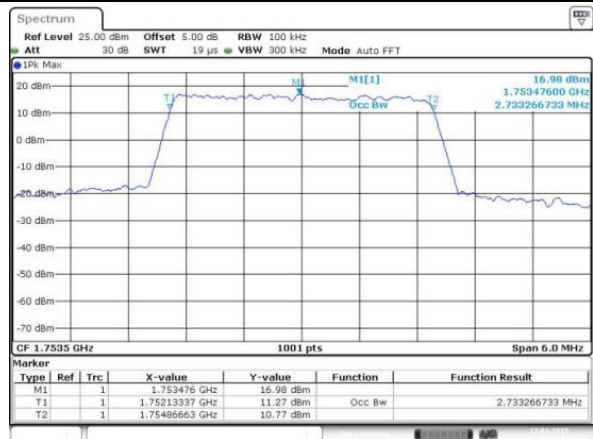
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



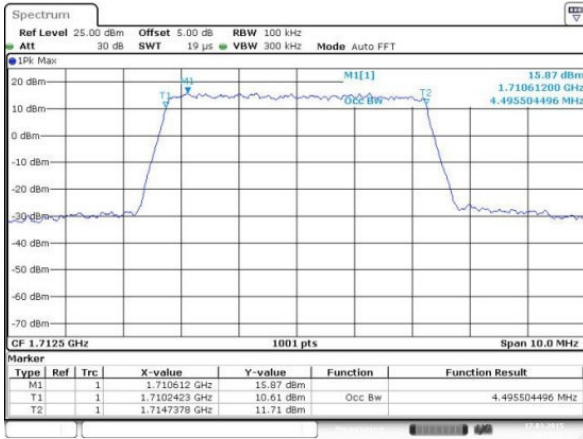
Highest Channel / 3MHz / 16QAM



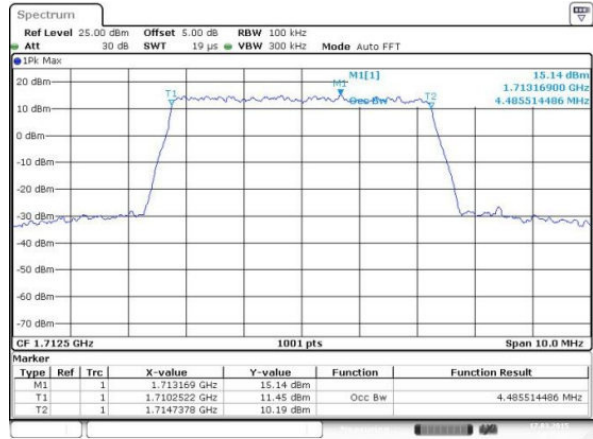


LTE Band 4

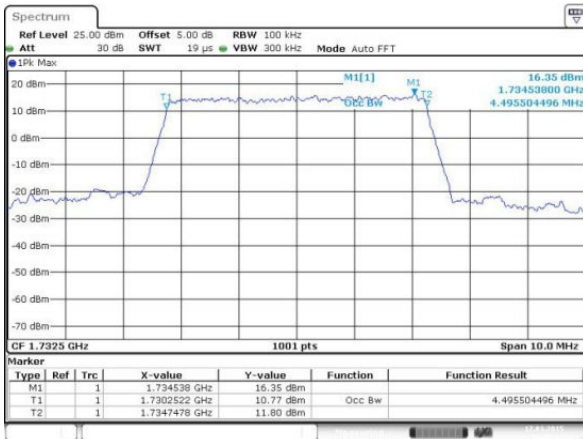
Lowest Channel / 5MHz / QPSK



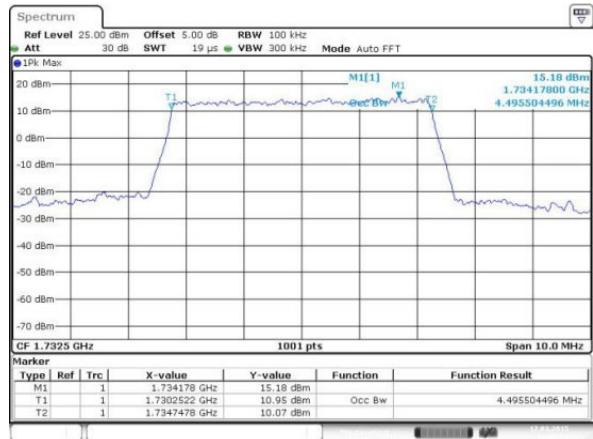
Lowest Channel / 5MHz / 16QAM



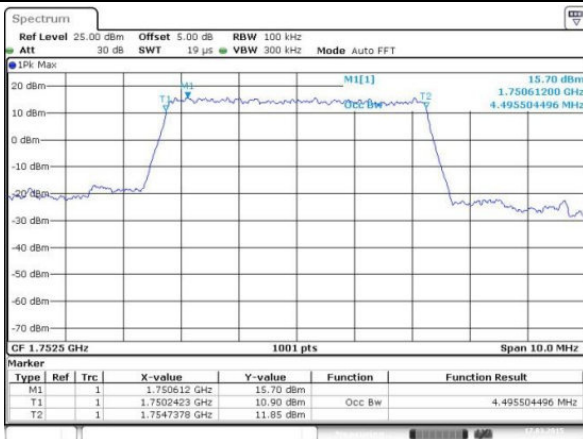
Middle Channel / 5MHz / QPSK



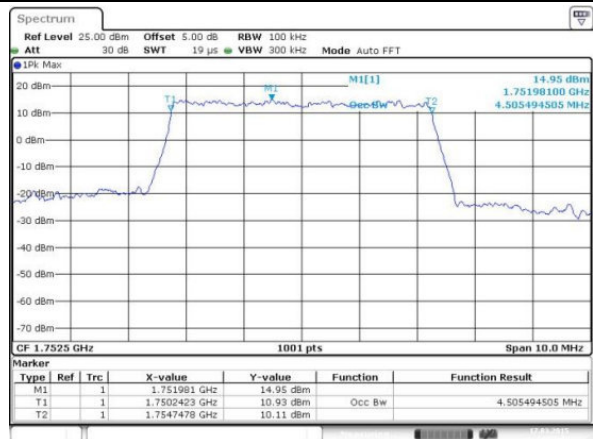
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



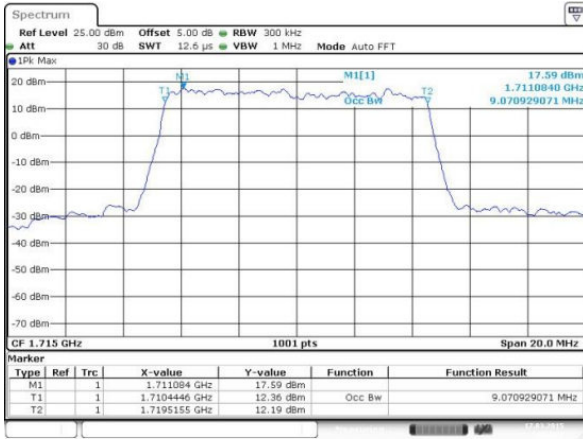
Highest Channel / 5MHz / 16QAM



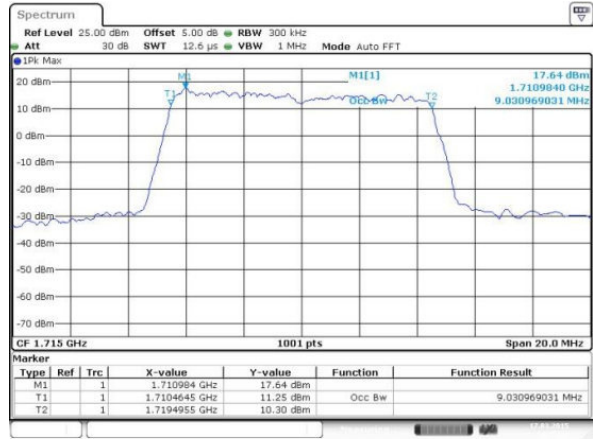


LTE Band 4

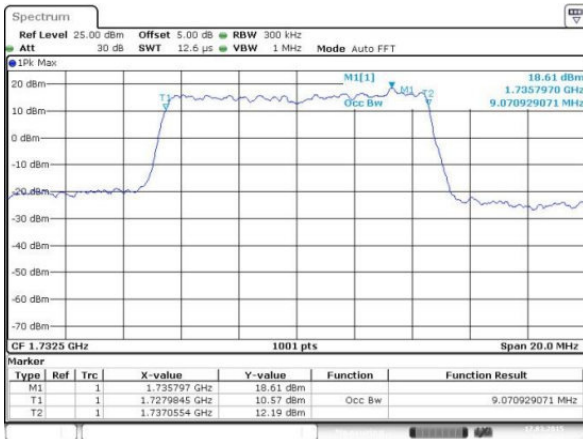
Lowest Channel / 10MHz / QPSK



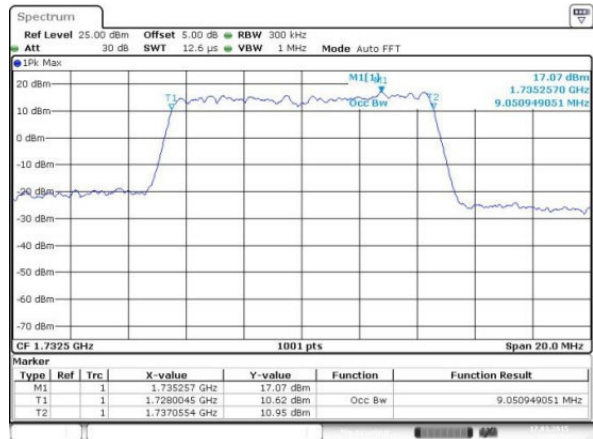
Lowest Channel / 10MHz / 16QAM



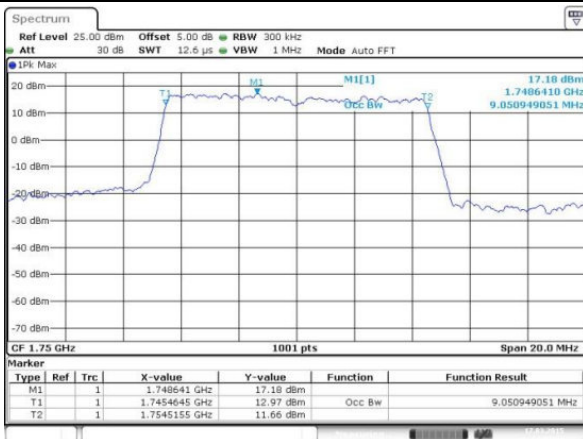
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

