

**26dB Bandwidth**

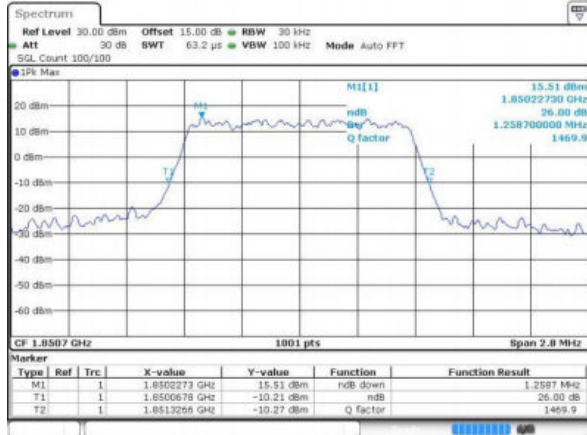
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.26	1.23	3.00	3.03	4.91	4.99	9.65	9.81	14.60	14.57	20.22	20.30
Middle CH	1.25	1.25	2.99	2.98	4.95	5.02	9.87	9.75	14.51	14.27	20.22	20.34
Highest CH	1.25	1.26	3.00	3.04	4.99	4.96	9.91	9.75	14.30	14.45	20.30	20.10

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.26	1.27	3.02	2.99	4.98	4.98	10.03	9.87	14.72	14.42	20.18	20.30
Middle CH	1.26	1.26	2.99	2.99	4.93	4.94	9.73	9.85	14.42	14.54	20.18	20.22
Highest CH	1.24	1.26	2.99	2.98	5.02	4.93	9.83	9.83	14.54	14.66	20.10	20.14

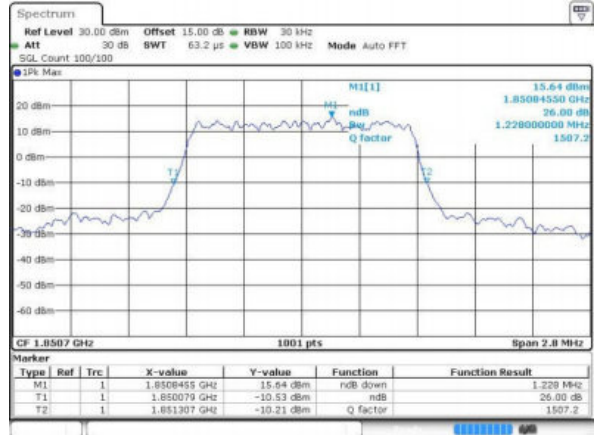
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.84	4.95	9.75	9.73	14.48	14.45	20.14	20.26
Middle CH	-	-	-	-	4.95	4.99	9.71	10.11	14.24	14.33	20.14	20.14
Highest CH	-	-	-	-	4.97	4.96	9.75	9.95	14.45	14.63	20.22	20.30

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.25	1.24	2.99	3.00	4.99	4.93	9.69	9.99	-	-	-	-
Middle CH	1.26	1.26	3.03	2.99	5.05	4.94	9.81	9.73	-	-	-	-
Highest CH	1.25	1.23	3.00	2.99	5.05	4.98	9.69	9.77	-	-	-	-

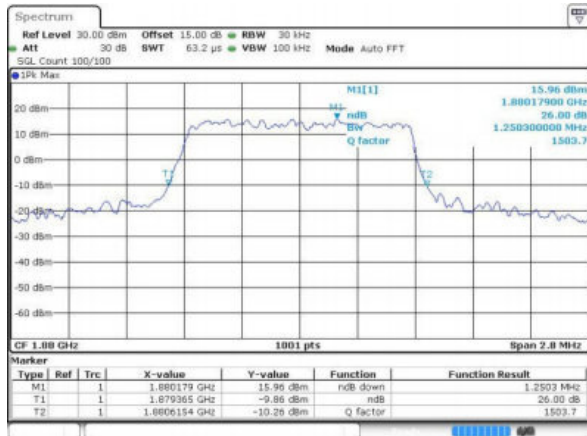
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.94	4.84	9.83	9.91	-	-	-	-
Middle CH	-	-	-	-	5.05	4.95	9.81	10.01	-	-	-	-
Highest CH	-	-	-	-	5.06	5.13	9.83	9.83	-	-	-	-

LTE Band 2
Lowest Channel / 1.4MHz / QPSK


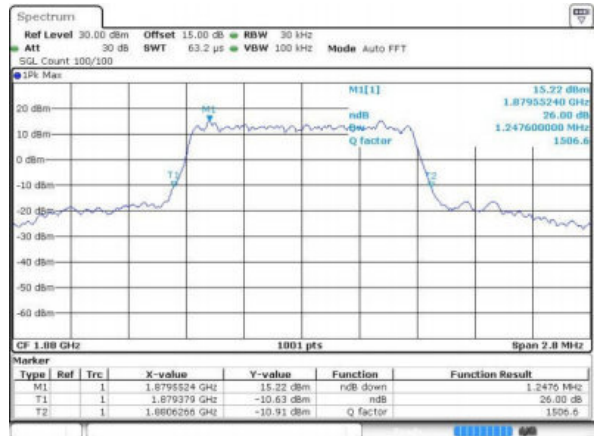
Date: 28 DEC 2015 20:33:14

Lowest Channel / 1.4MHz / 16QAM


Date: 28 DEC 2015 20:33:25

Middle Channel / 1.4MHz / QPSK


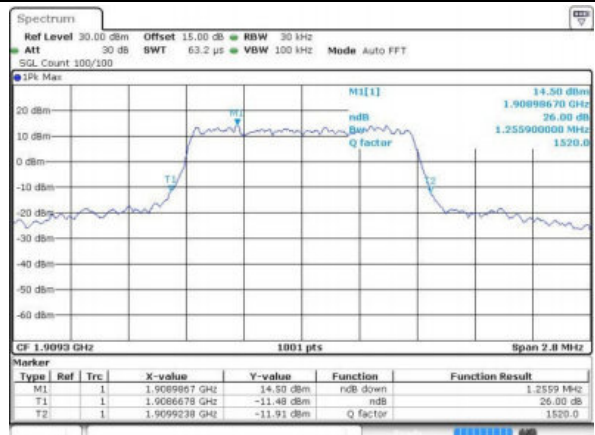
Date: 28 DEC 2015 20:40:19

Middle Channel / 1.4MHz / 16QAM


Date: 28 DEC 2015 20:40:29

Highest Channel / 1.4MHz / QPSK


Date: 28 DEC 2015 20:42:51

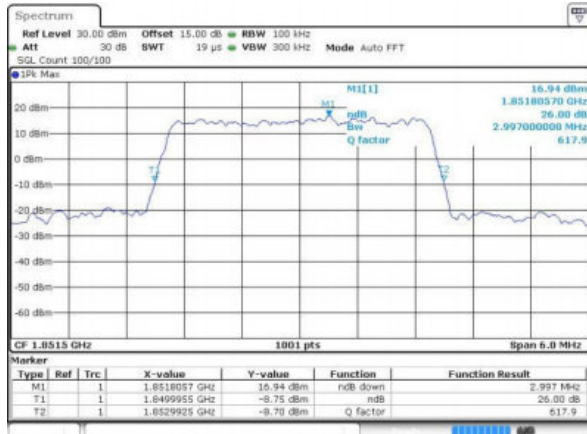
Highest Channel / 1.4MHz / 16QAM


Date: 28 DEC 2015 20:43:02



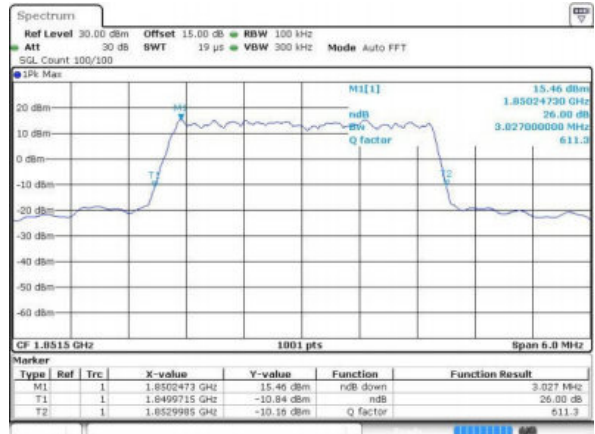
LTE Band 2

Lowest Channel / 3MHz / QPSK



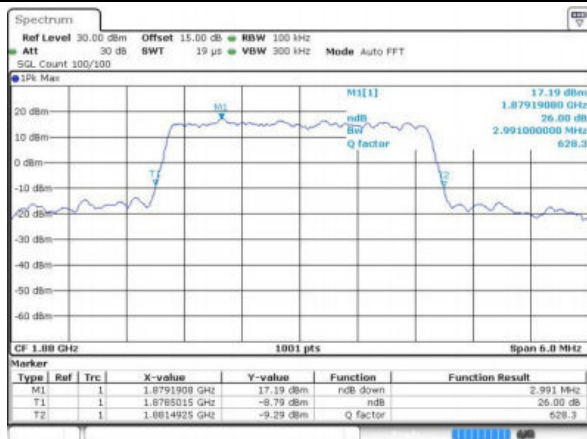
Date: 28 DEC 2015 20:48:56

Lowest Channel / 3MHz / 16QAM



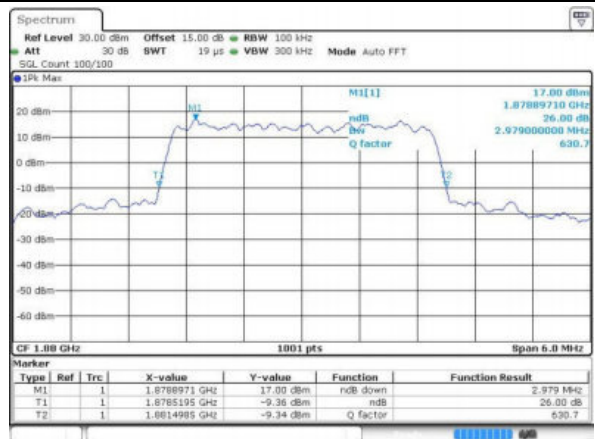
Date: 28 DEC 2015 20:50:06

Middle Channel / 3MHz / QPSK



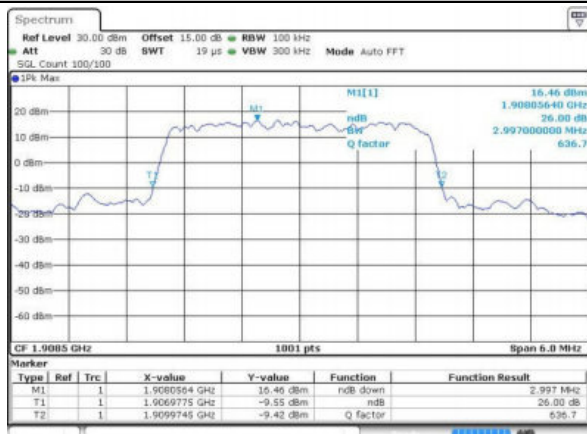
Date: 28 DEC 2015 20:57:01

Middle Channel / 3MHz / 16QAM



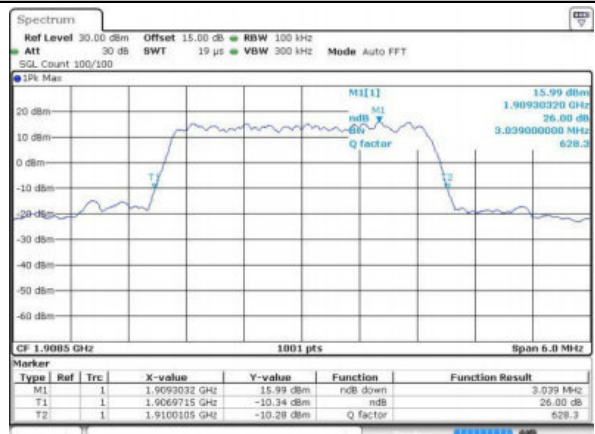
Date: 28 DEC 2015 20:57:11

Highest Channel / 3MHz / QPSK



Date: 28 DEC 2015 20:58:33

Highest Channel / 3MHz / 16QAM

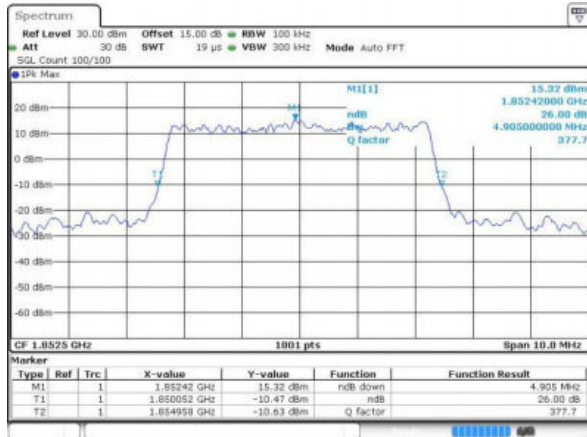


Date: 28 DEC 2015 20:58:44

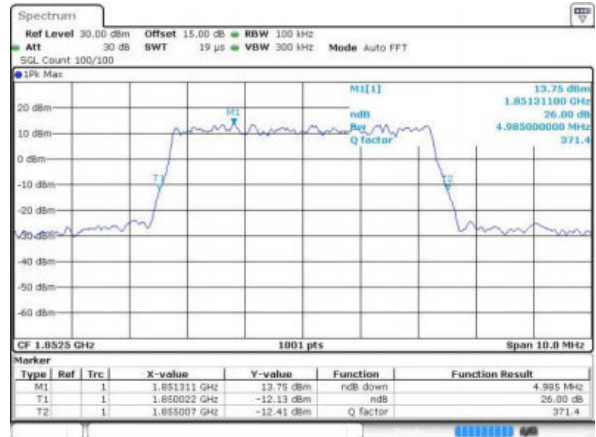


LTE Band 2

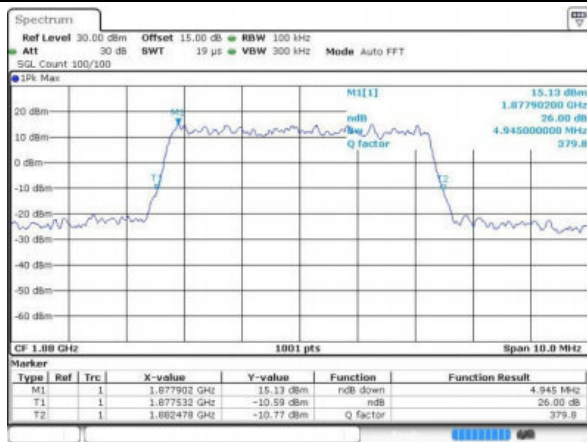
Lowest Channel / 5MHz / QPSK



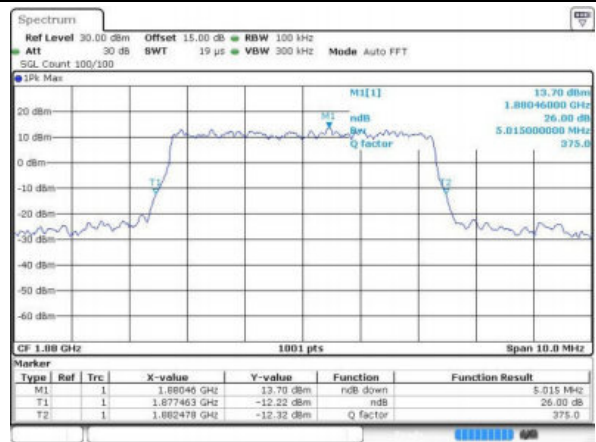
Lowest Channel / 5MHz / 16QAM



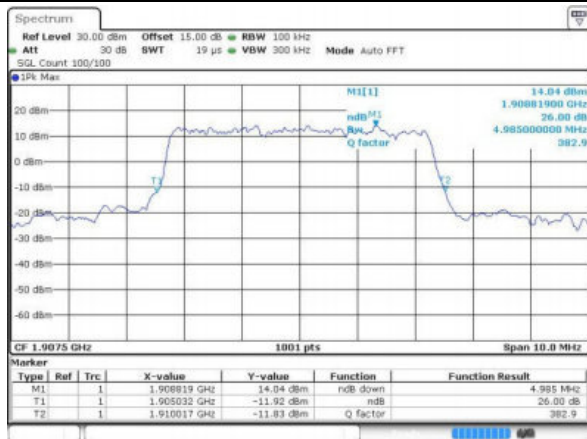
Middle Channel / 5MHz / QPSK



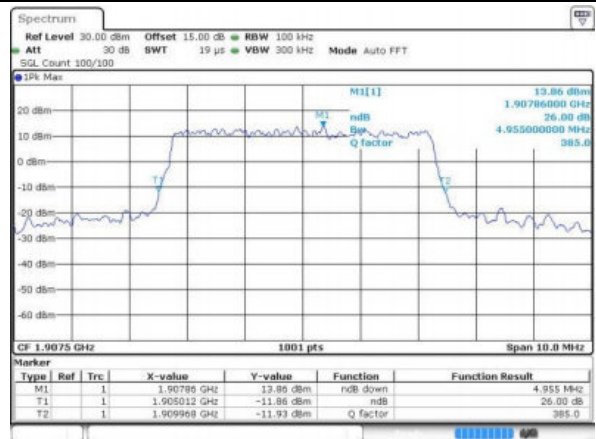
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



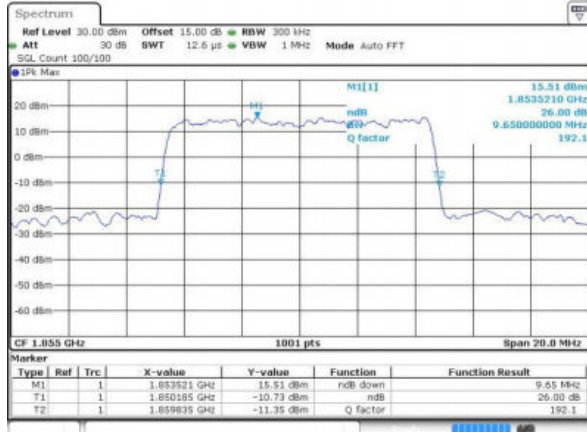
Highest Channel / 5MHz / 16QAM





LTE Band 2

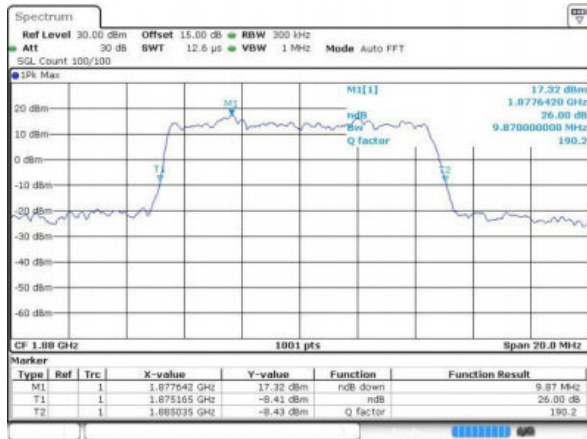
Lowest Channel / 10MHz / QPSK



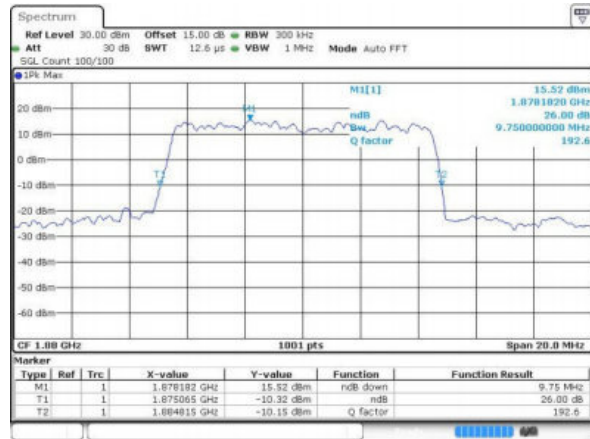
Lowest Channel / 10MHz / 16QAM



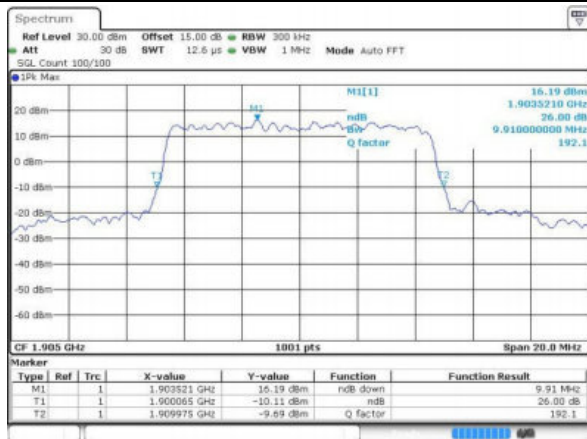
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



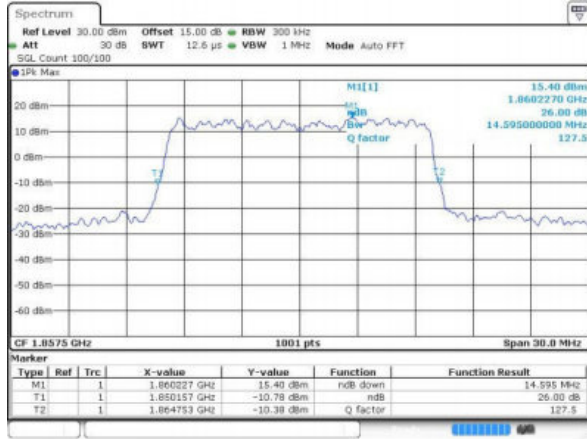
Highest Channel / 10MHz / 16QAM



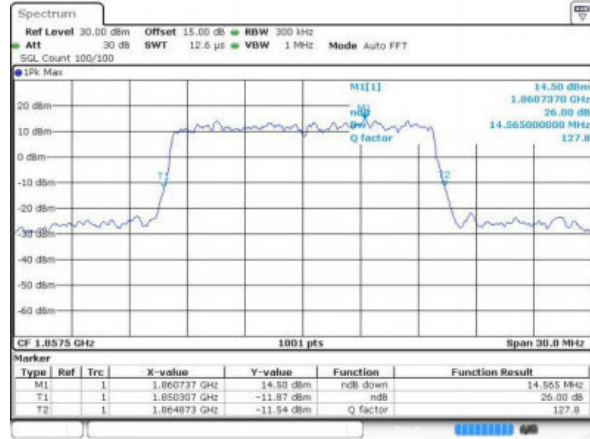


LTE Band 2

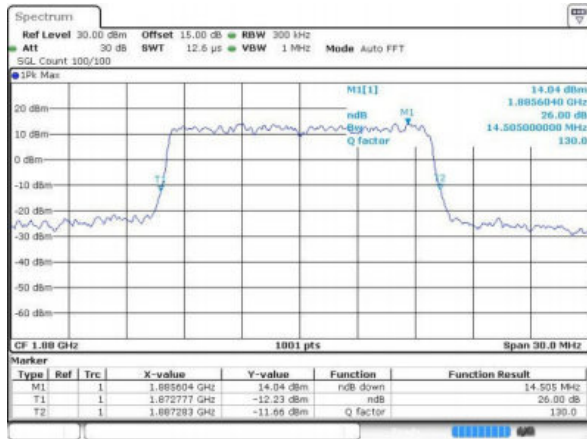
Lowest Channel / 15MHz / QPSK



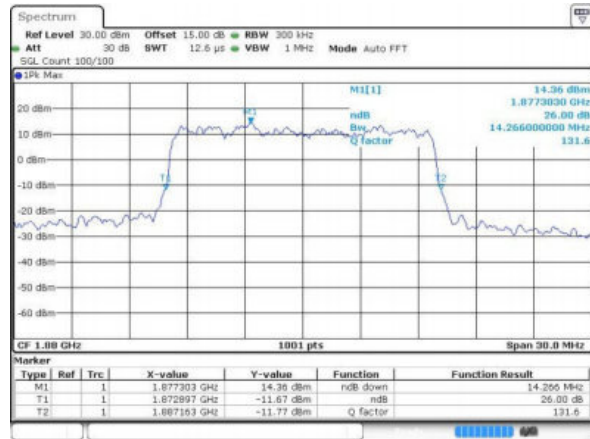
Lowest Channel / 15MHz / 16QAM



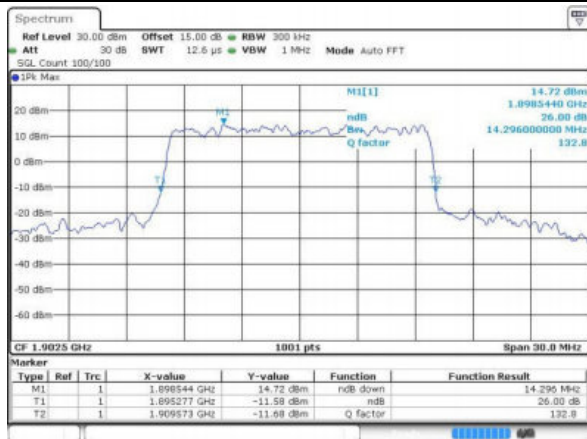
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



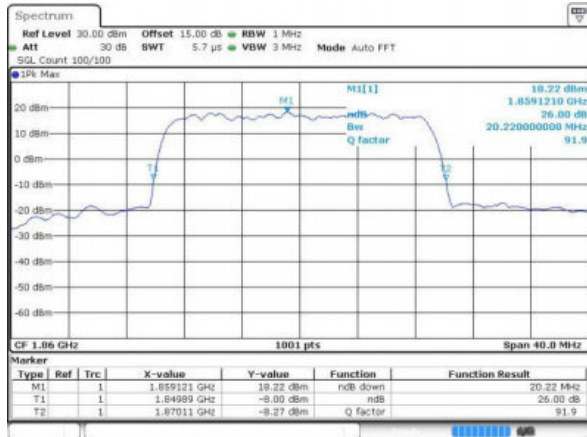
Highest Channel / 15MHz / 16QAM



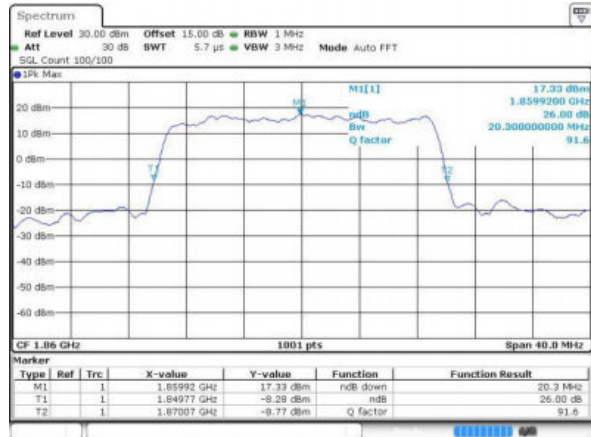


LTE Band 2

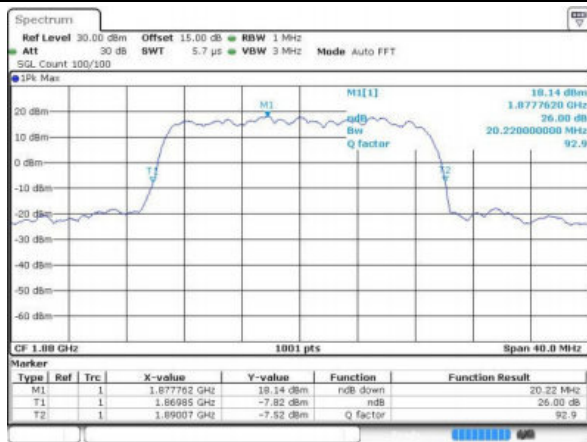
Lowest Channel / 20MHz / QPSK



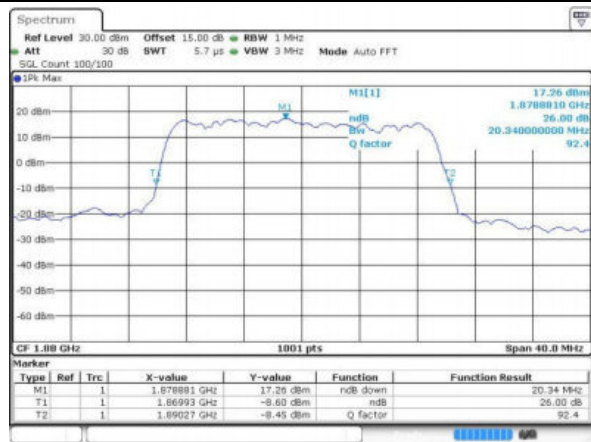
Lowest Channel / 20MHz / 16QAM



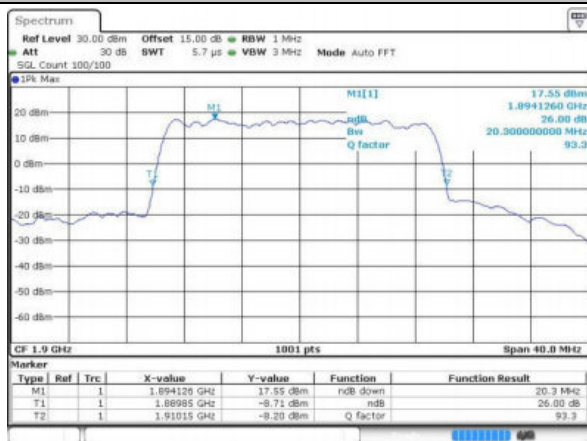
Middle Channel / 20MHz / QPSK



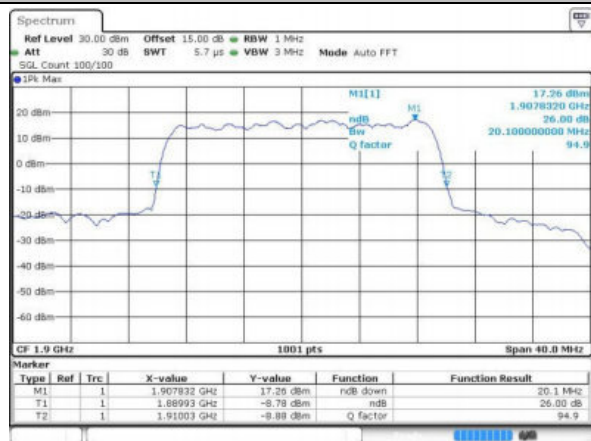
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



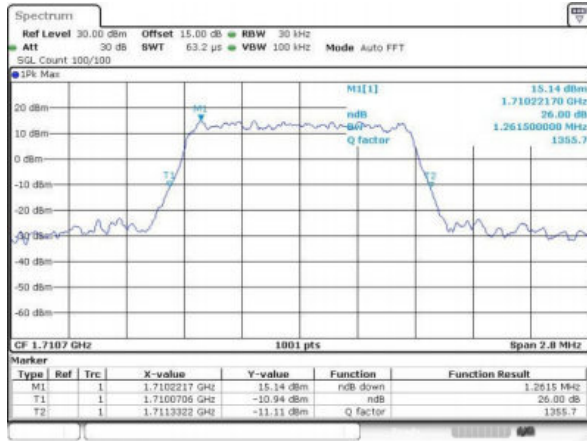
Highest Channel / 20MHz / 16QAM



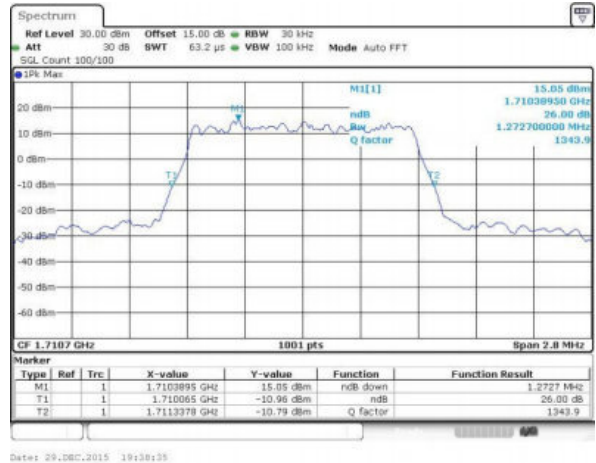


LTE Band 4

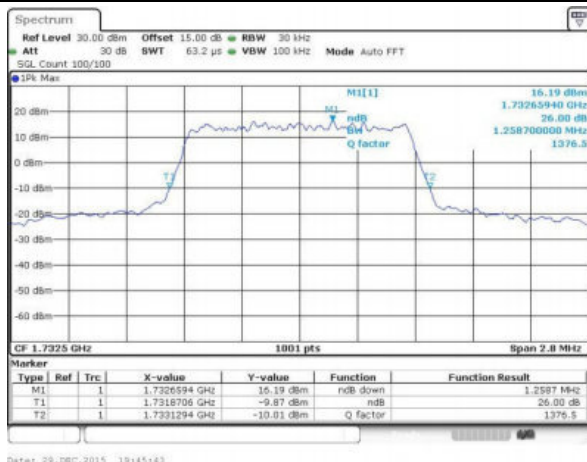
Lowest Channel / 1.4MHz / QPSK



Lowest Channel / 1.4MHz / 16QAM



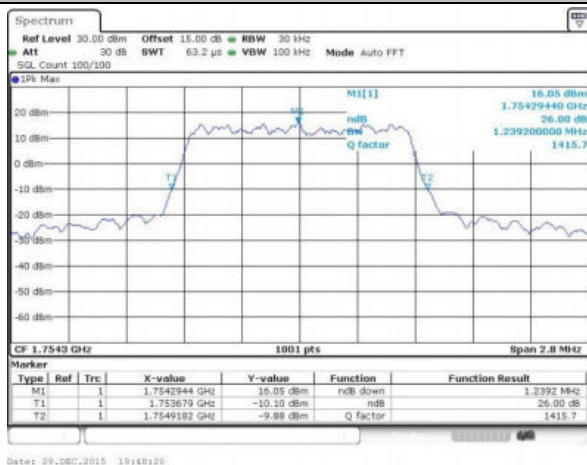
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



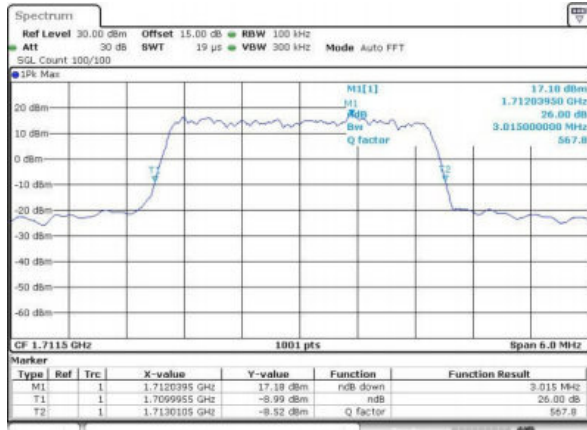
Highest Channel / 1.4MHz / 16QAM





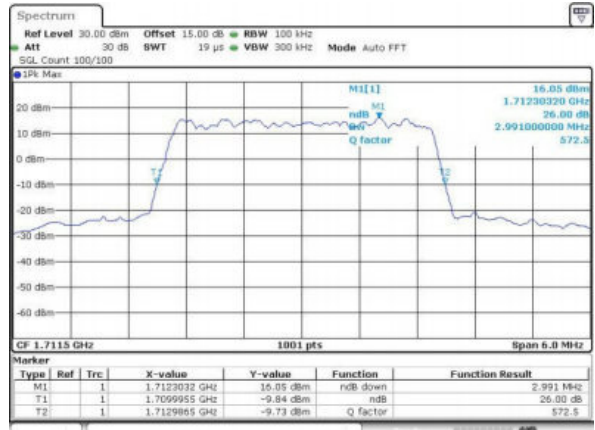
LTE Band 4

Lowest Channel / 3MHz / QPSK



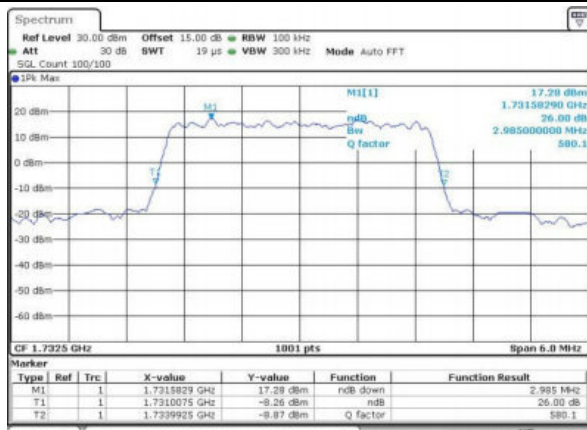
Date: 29.DEC.2015 19:55:136

Lowest Channel / 3MHz / 16QAM



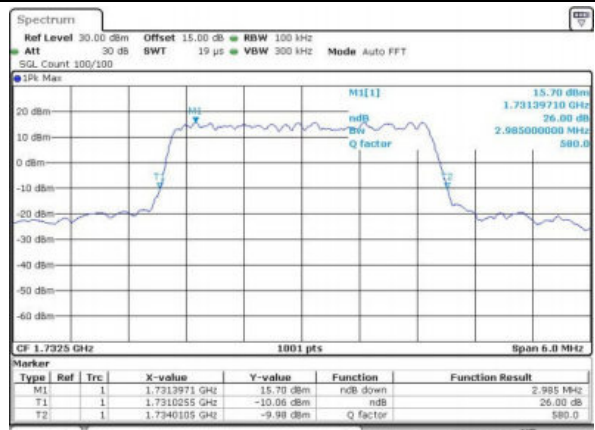
Date: 29.DEC.2015 19:55:147

Middle Channel / 3MHz / QPSK



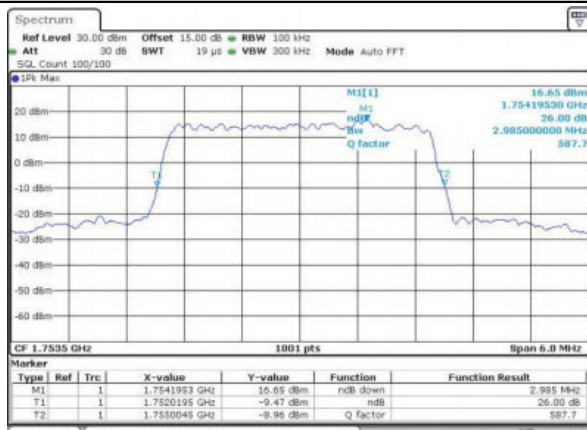
Date: 29.DEC.2015 20:00:553

Middle Channel / 3MHz / 16QAM



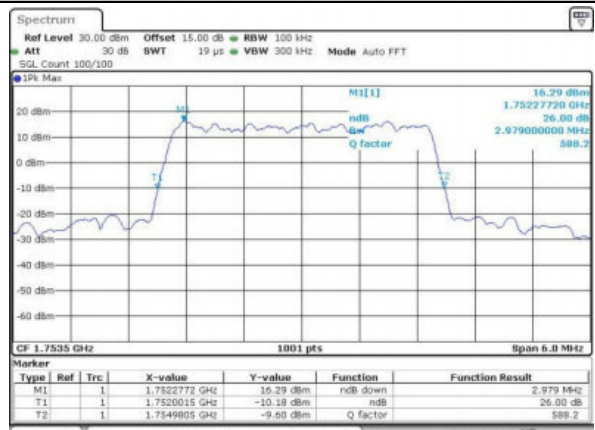
Date: 29.DEC.2015 20:00:563

Highest Channel / 3MHz / QPSK



Date: 29.DEC.2015 20:05:129

Highest Channel / 3MHz / 16QAM

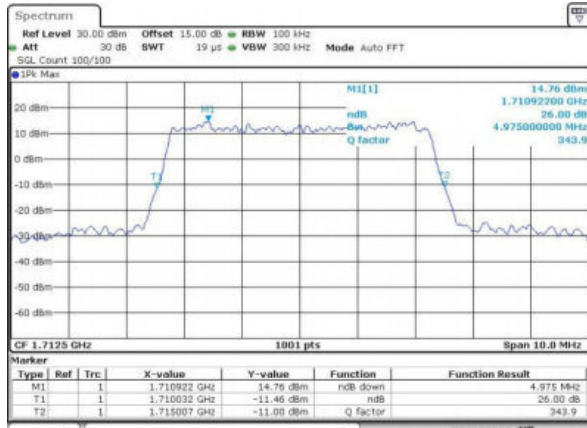


Date: 29.DEC.2015 20:05:139

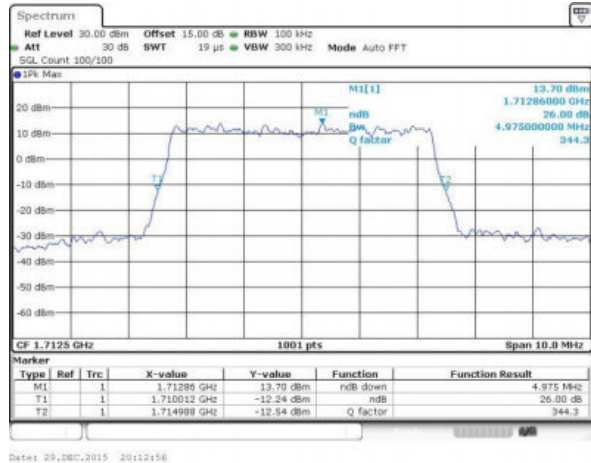


LTE Band 4

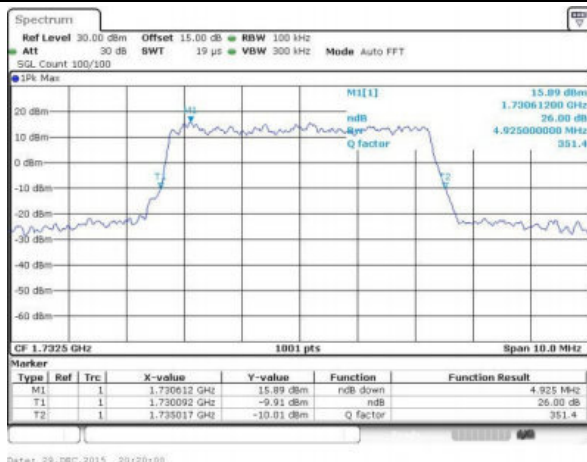
Lowest Channel / 5MHz / QPSK



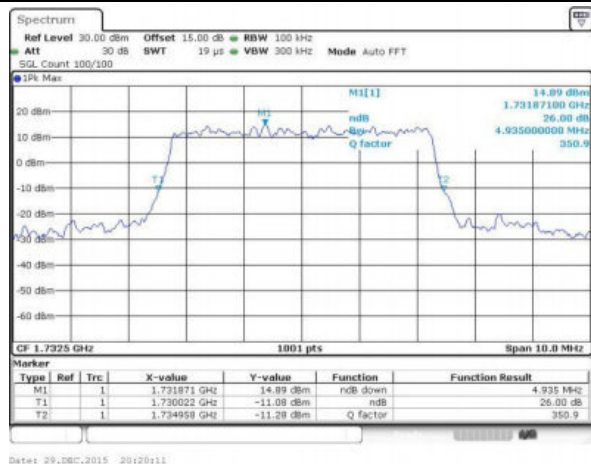
Lowest Channel / 5MHz / 16QAM



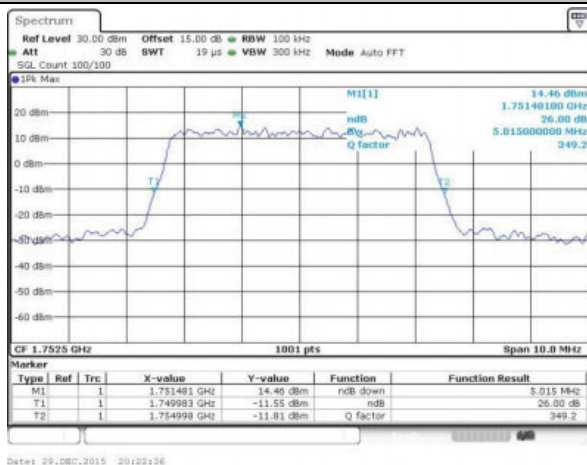
Middle Channel / 5MHz / QPSK



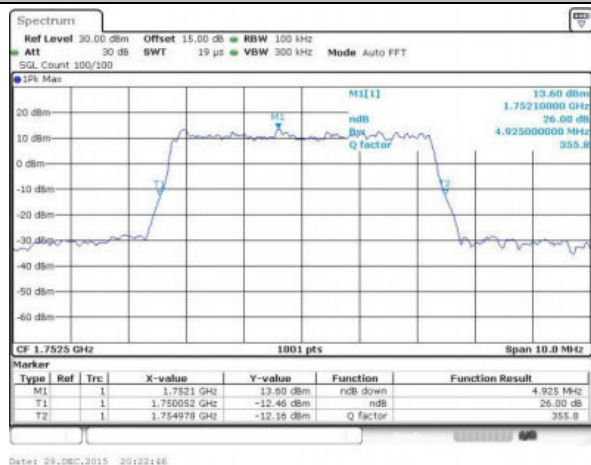
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



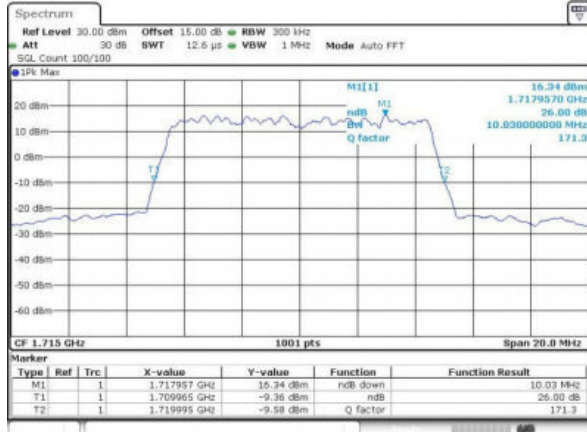
Highest Channel / 5MHz / 16QAM



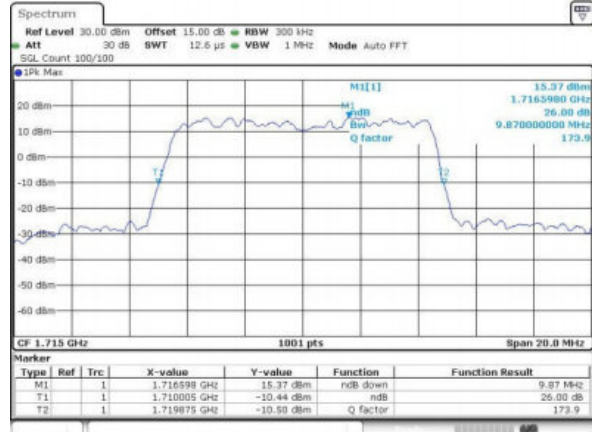


LTE Band 4

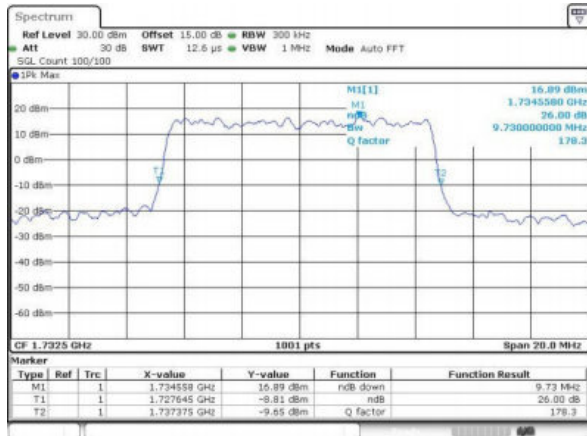
Lowest Channel / 10MHz / QPSK



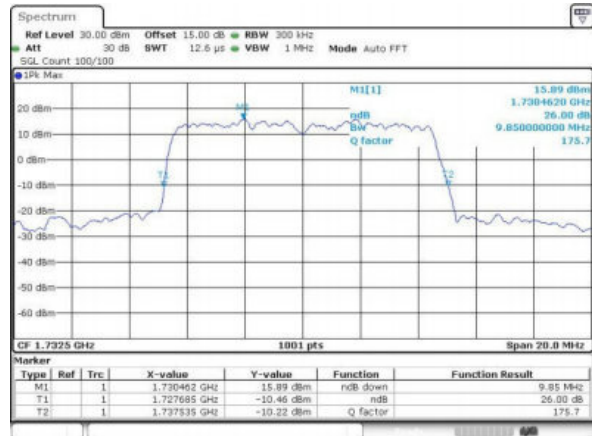
Lowest Channel / 10MHz / 16QAM



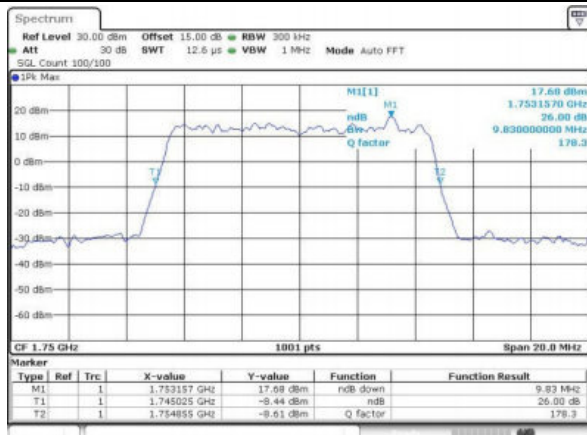
Middle Channel / 10MHz / QPSK



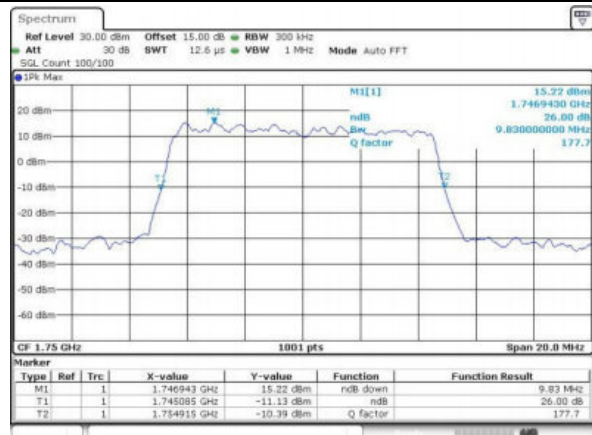
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



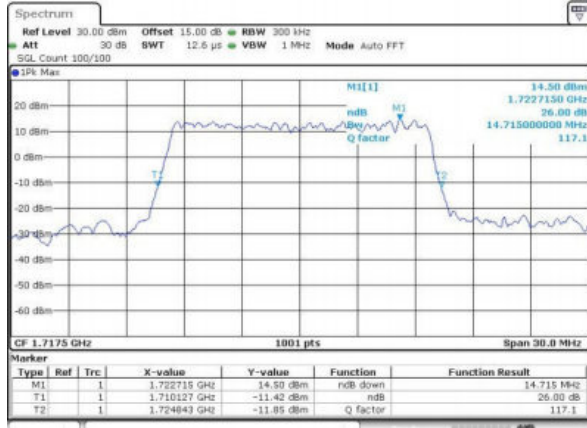
Highest Channel / 10MHz / 16QAM



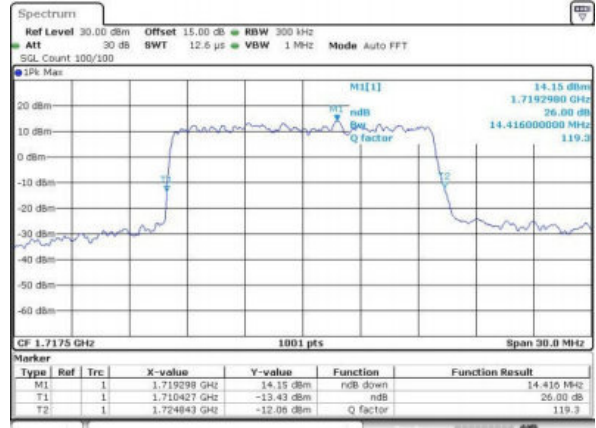


LTE Band 4

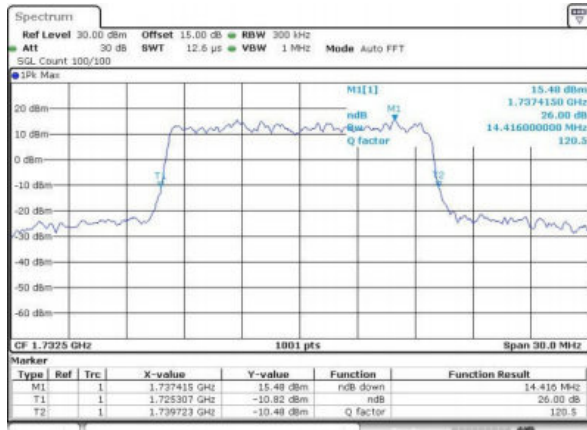
Lowest Channel / 15MHz / QPSK



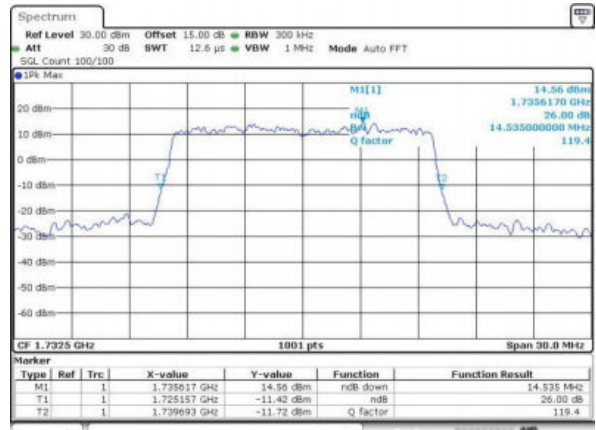
Lowest Channel / 15MHz / 16QAM



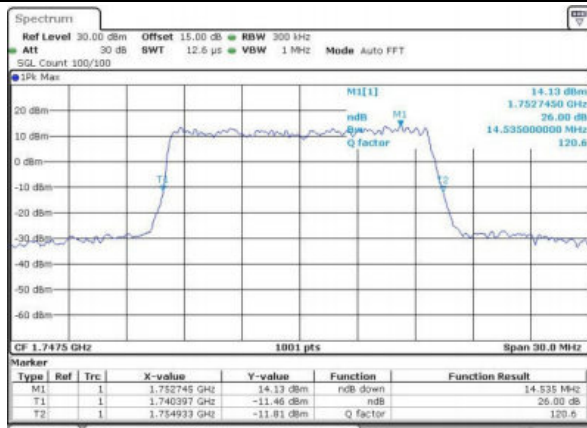
Middle Channel / 15MHz / QPSK



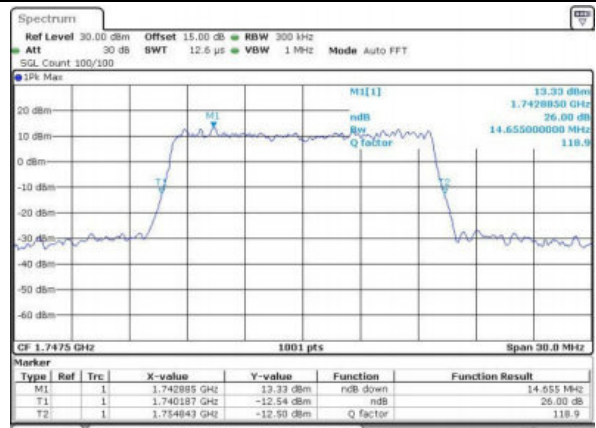
Middle Channel / 15MHz / 16QAM

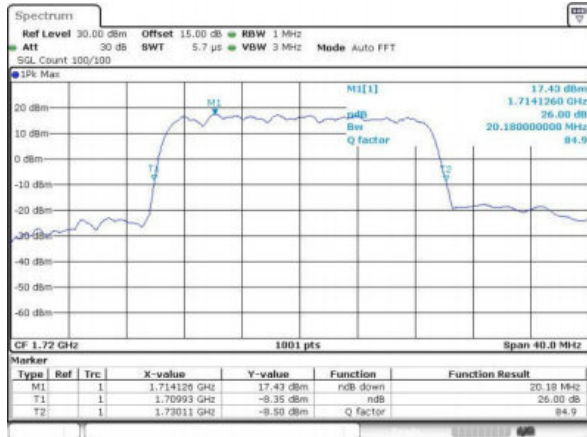
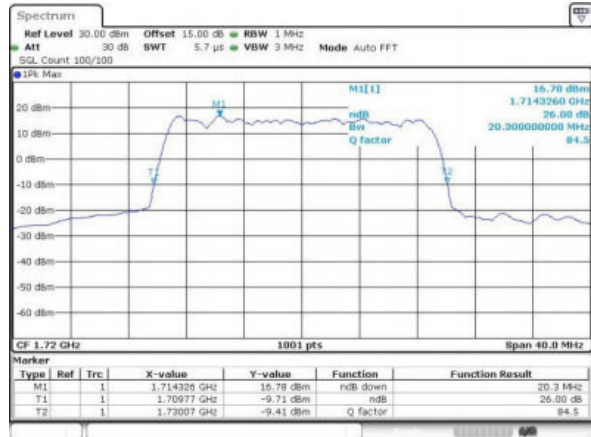
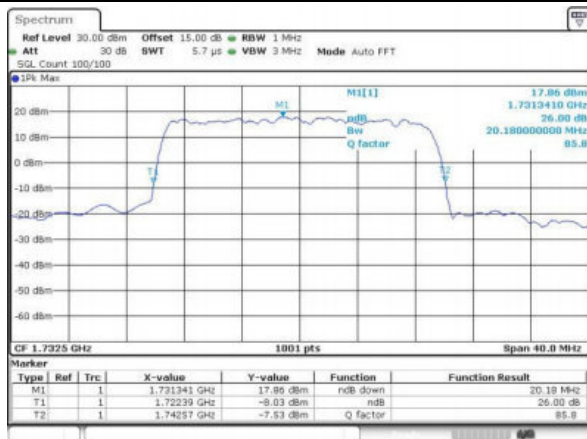
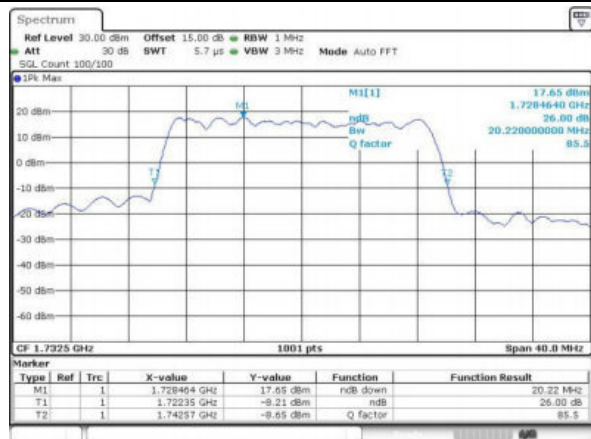
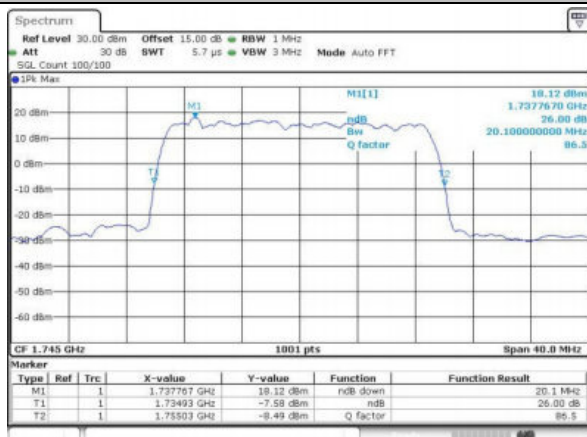
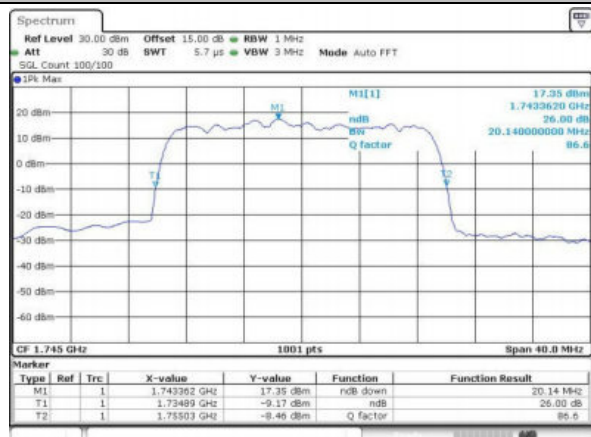


Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

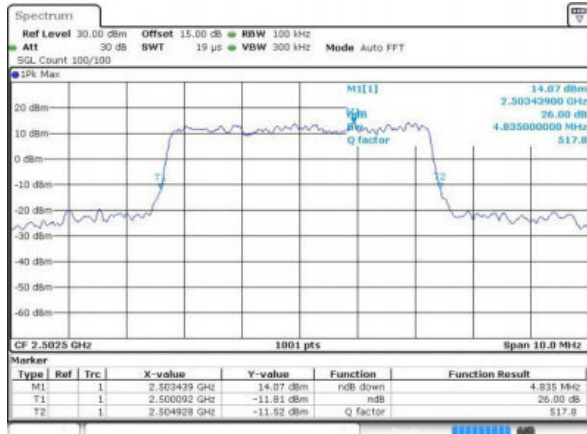


**LTE Band 4****Lowest Channel / 20MHz / QPSK****Lowest Channel / 20MHz / 16QAM****Middle Channel / 20MHz / QPSK****Middle Channel / 20MHz / 16QAM****Highest Channel / 20MHz / QPSK****Highest Channel / 20MHz / 16QAM**

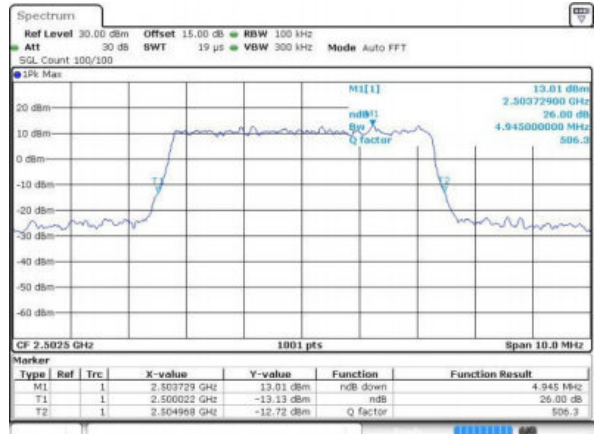


LTE Band 7

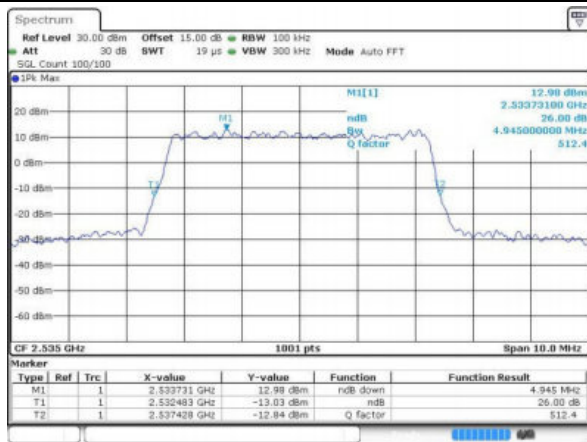
Lowest Channel / 5MHz / QPSK



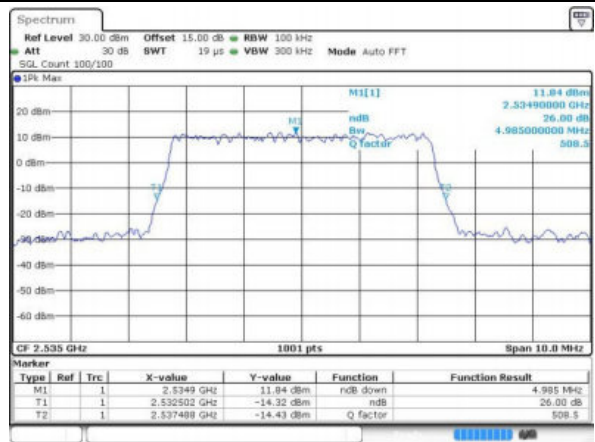
Lowest Channel / 5MHz / 16QAM



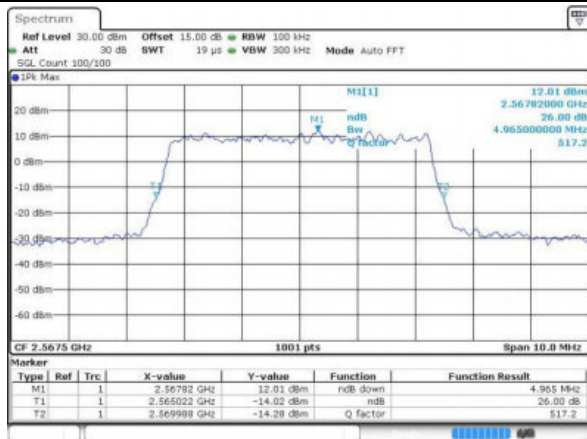
Middle Channel / 5MHz / QPSK



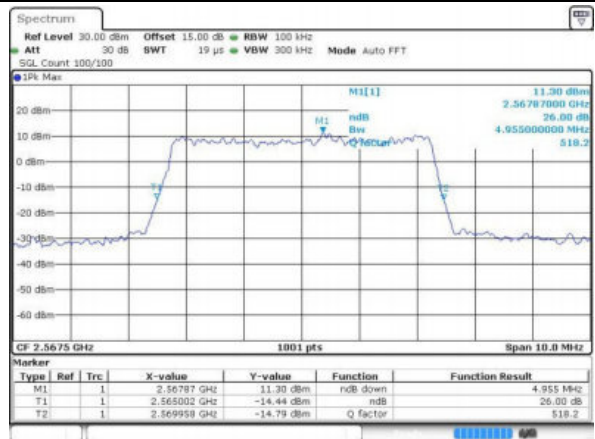
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



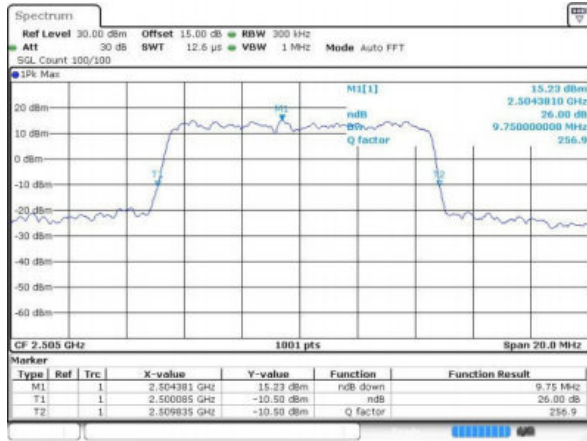
Highest Channel / 5MHz / 16QAM



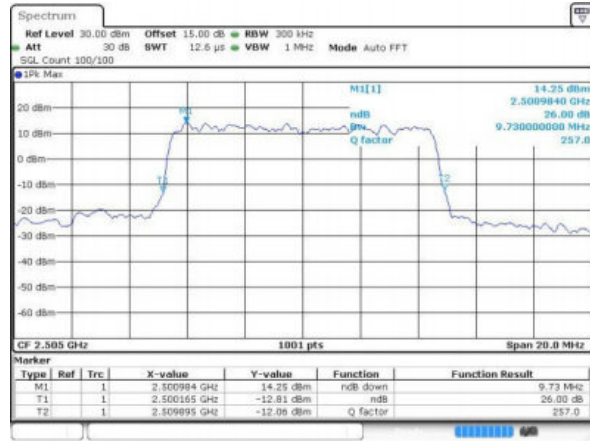


LTE Band 7

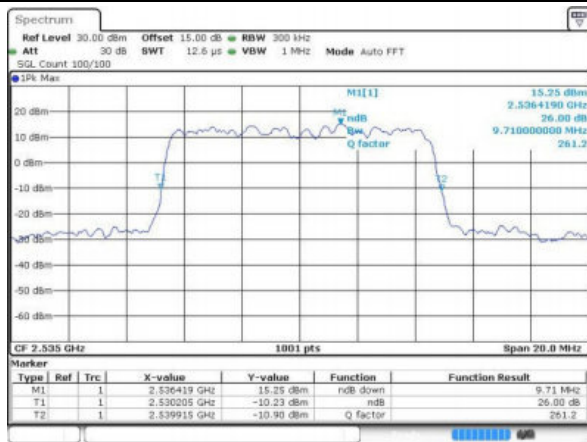
Lowest Channel / 10MHz / QPSK



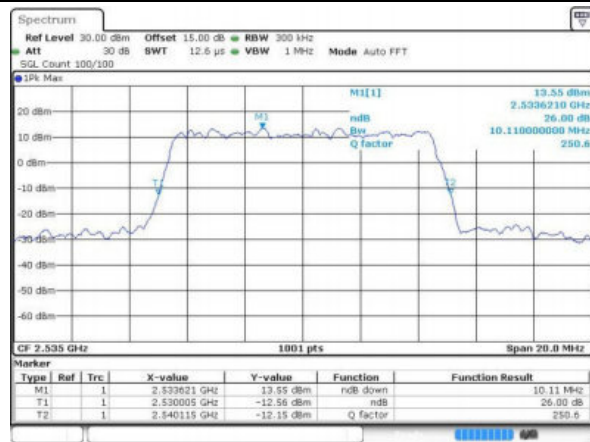
Lowest Channel / 10MHz / 16QAM



Middle Channel / 10MHz / QPSK



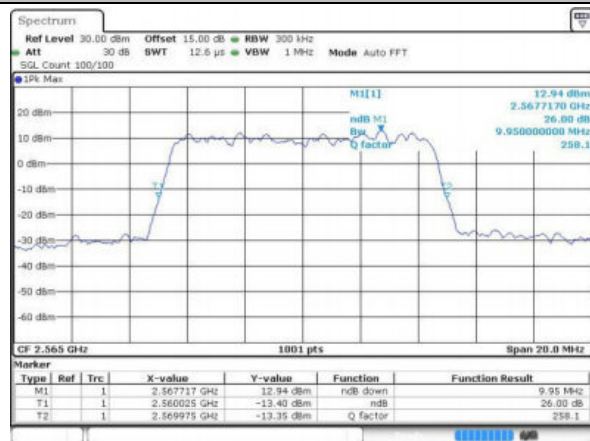
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



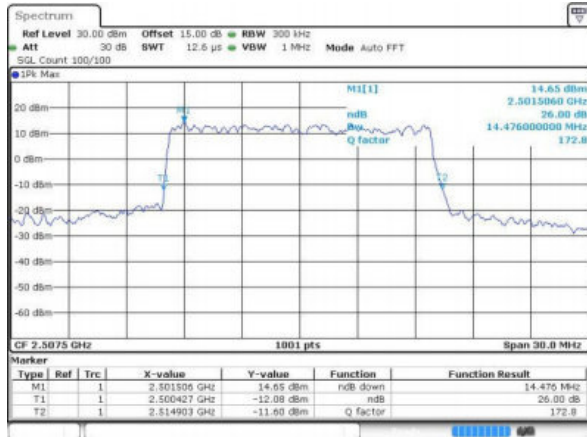
Highest Channel / 10MHz / 16QAM



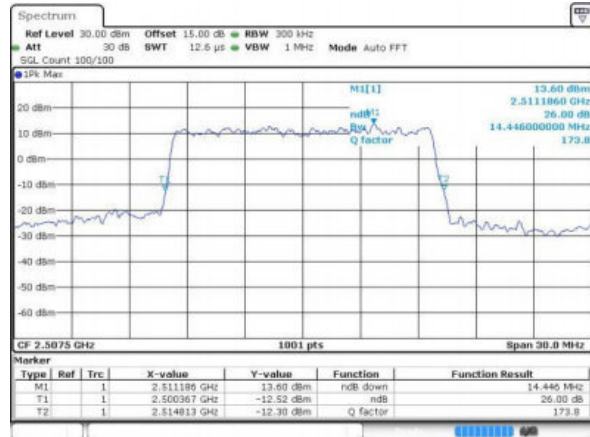


LTE Band 7

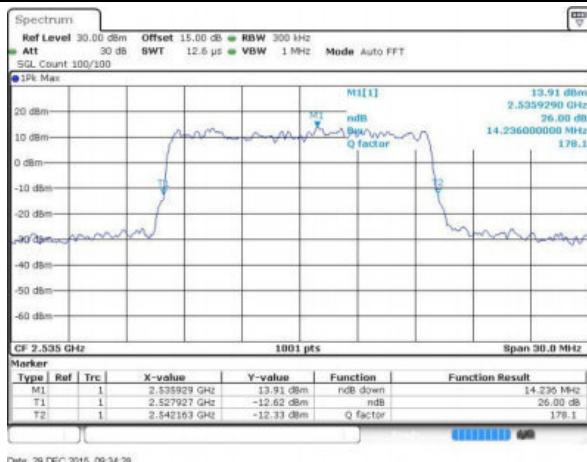
Lowest Channel / 15MHz / QPSK



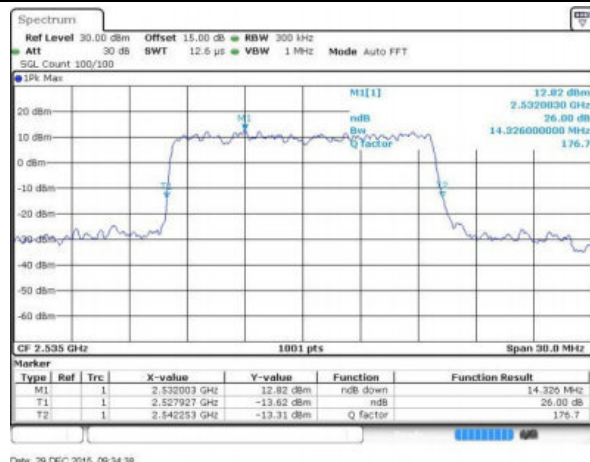
Lowest Channel / 15MHz / 16QAM



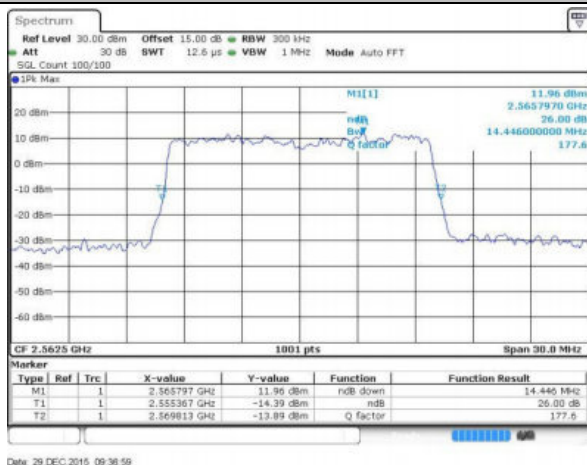
Middle Channel / 15MHz / QPSK



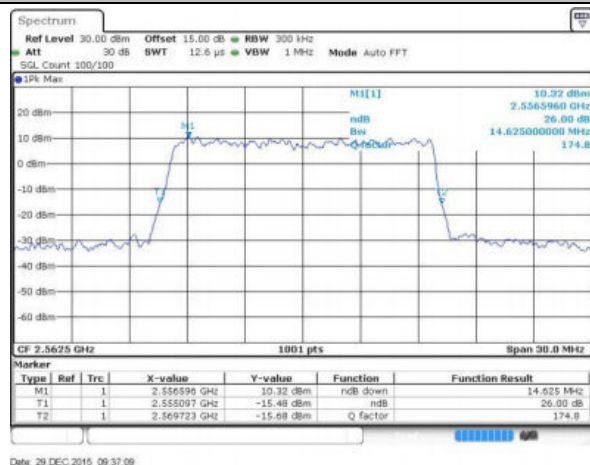
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



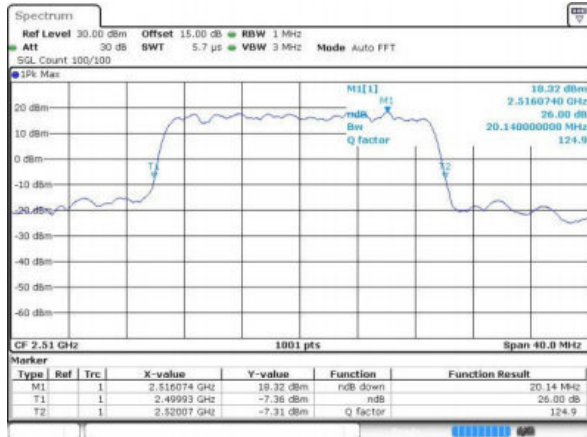
Highest Channel / 15MHz / 16QAM



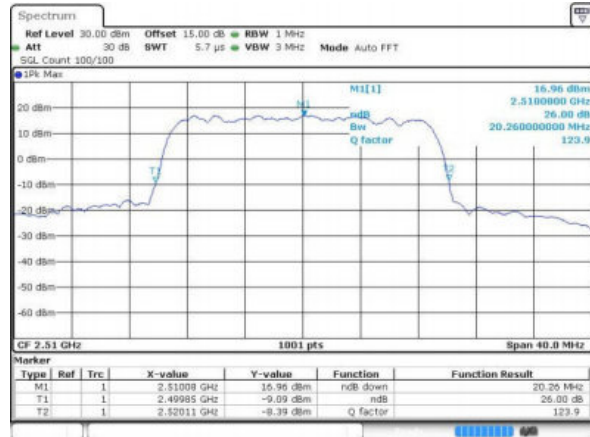


LTE Band 7

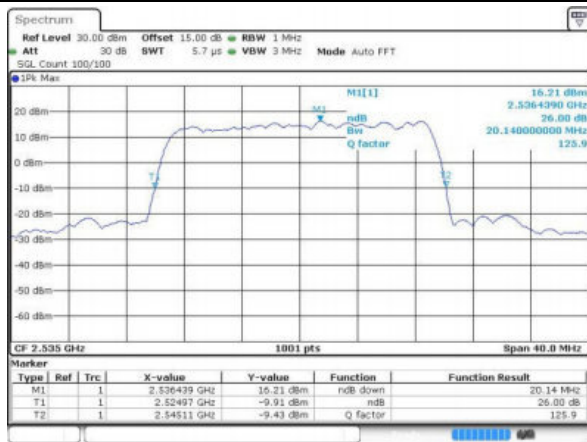
Lowest Channel / 20MHz / QPSK



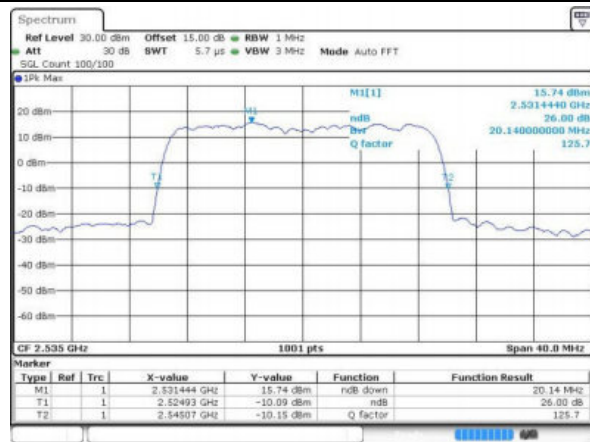
Lowest Channel / 20MHz / 16QAM



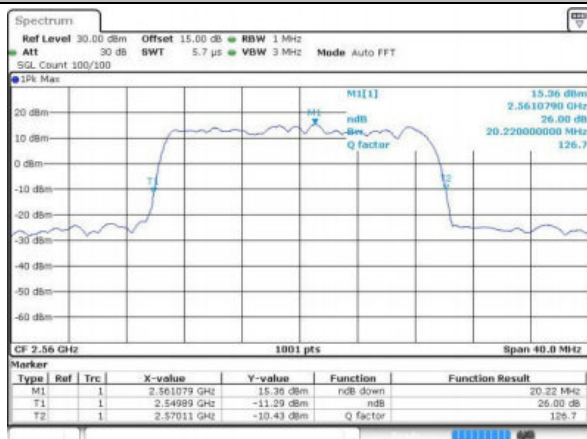
Middle Channel / 20MHz / QPSK



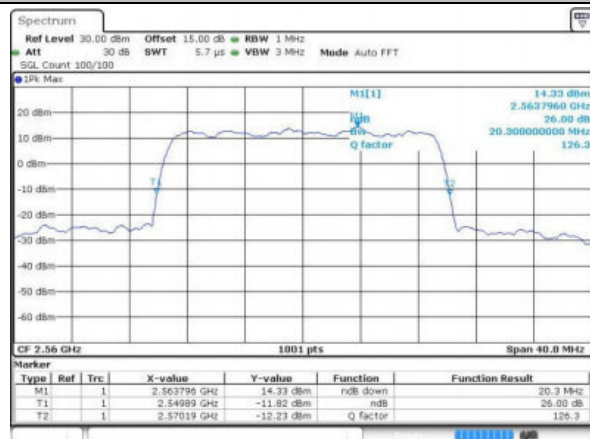
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



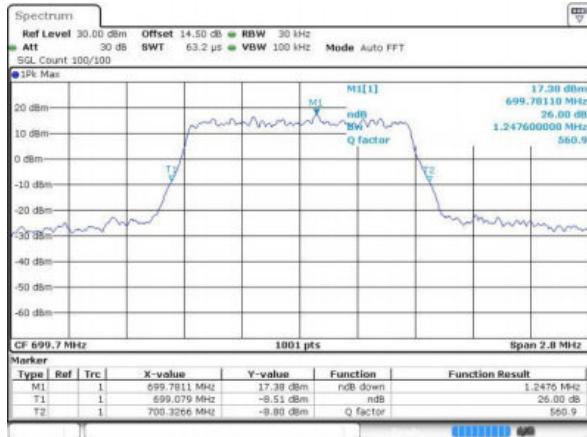
Highest Channel / 20MHz / 16QAM



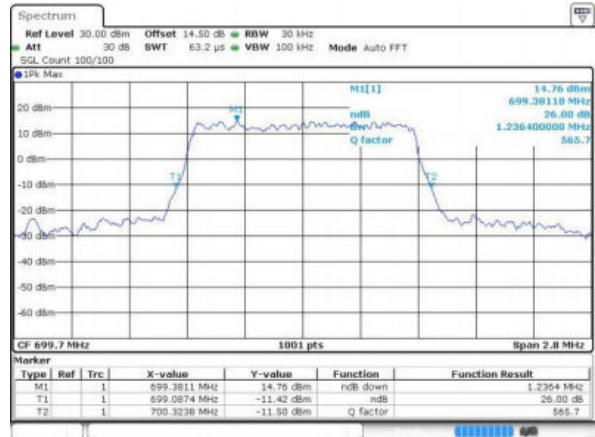


LTE Band 12

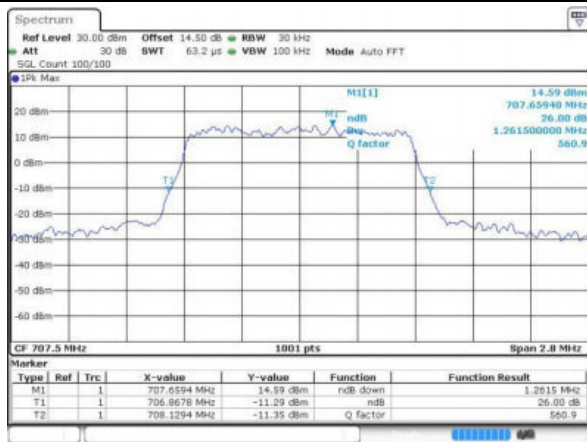
Lowest Channel / 1.4MHz / QPSK



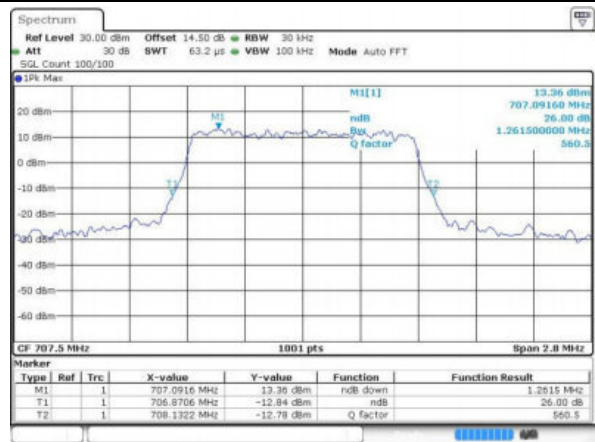
Lowest Channel / 1.4MHz / 16QAM



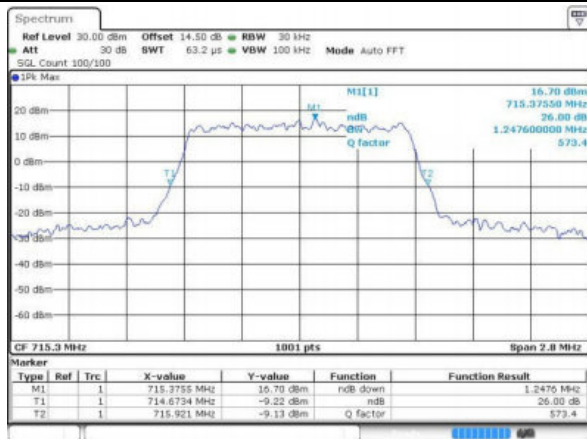
Middle Channel / 1.4MHz / QPSK



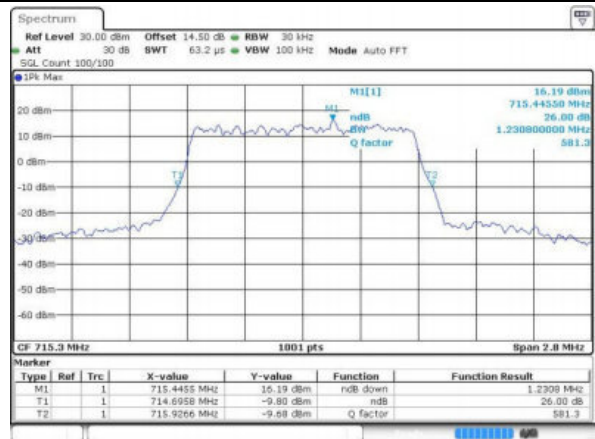
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



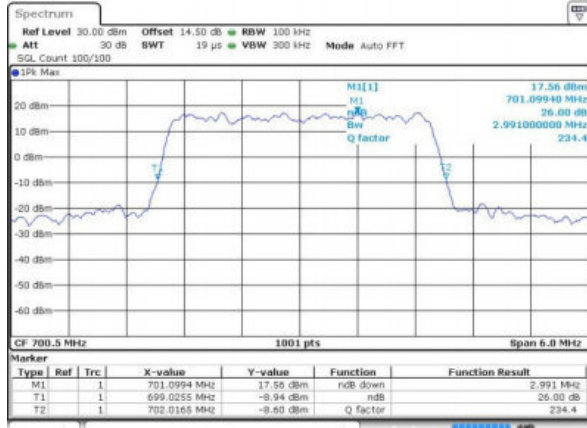
Highest Channel / 1.4MHz / 16QAM



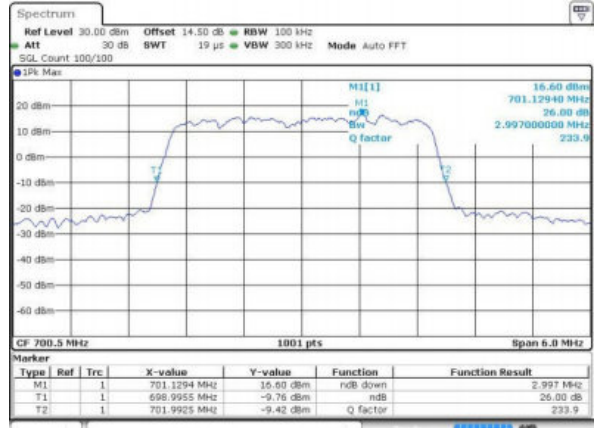


LTE Band 12

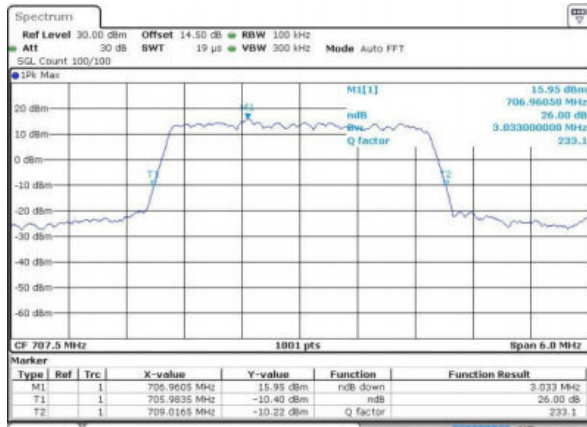
Lowest Channel / 3MHz / QPSK



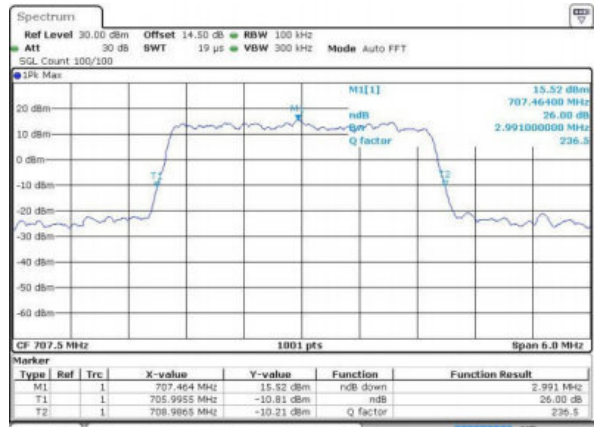
Lowest Channel / 3MHz / 16QAM



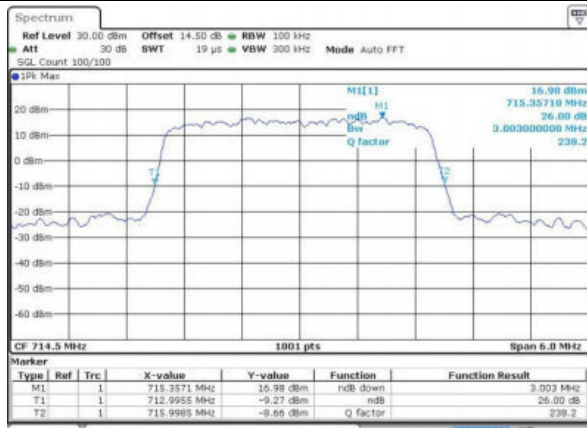
Middle Channel / 3MHz / QPSK



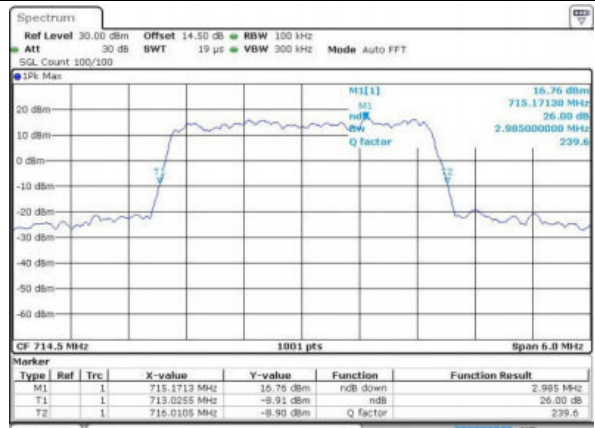
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



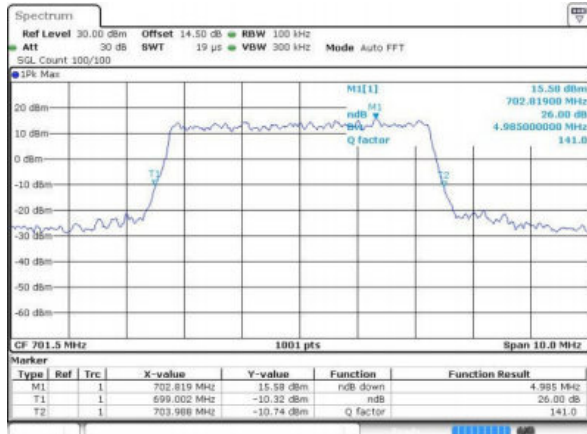
Highest Channel / 3MHz / 16QAM



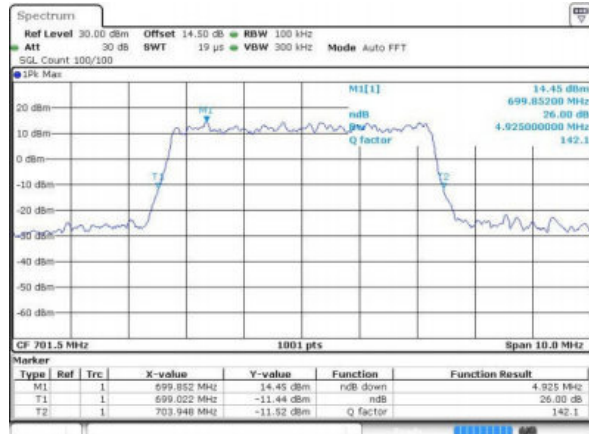


LTE Band 12

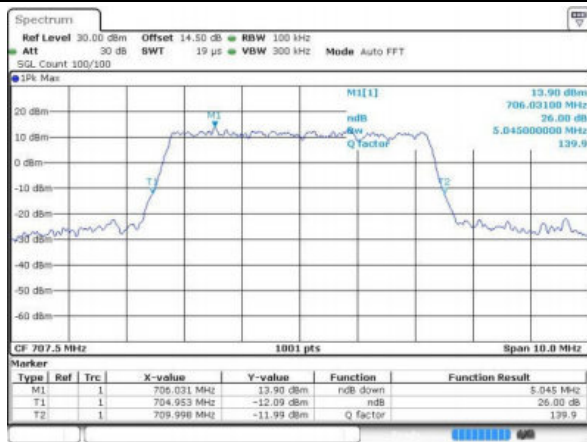
Lowest Channel / 5MHz / QPSK



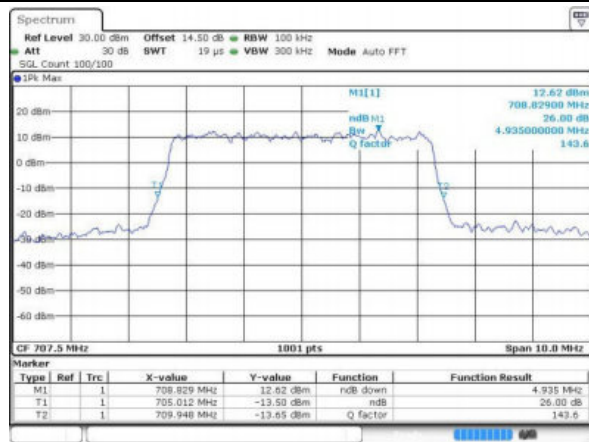
Lowest Channel / 5MHz / 16QAM



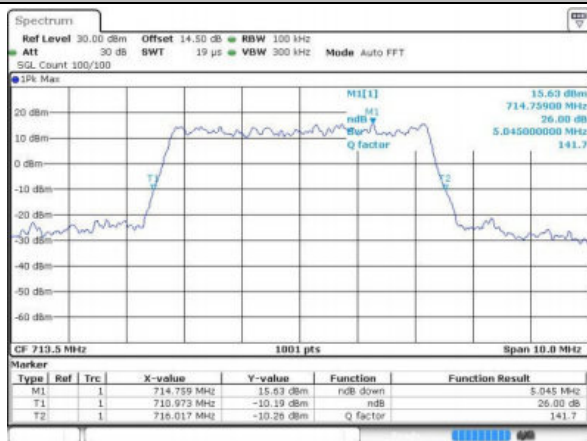
Middle Channel / 5MHz / QPSK



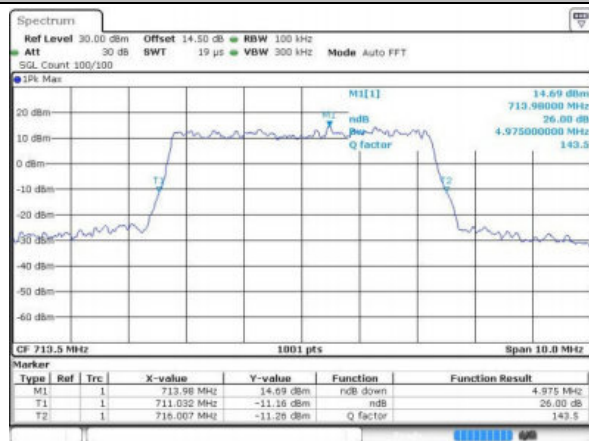
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



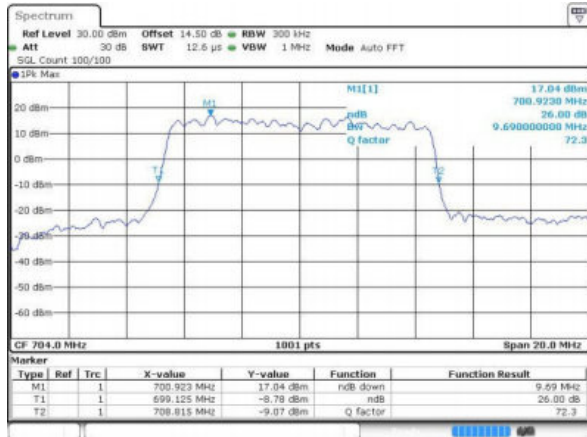
Highest Channel / 5MHz / 16QAM



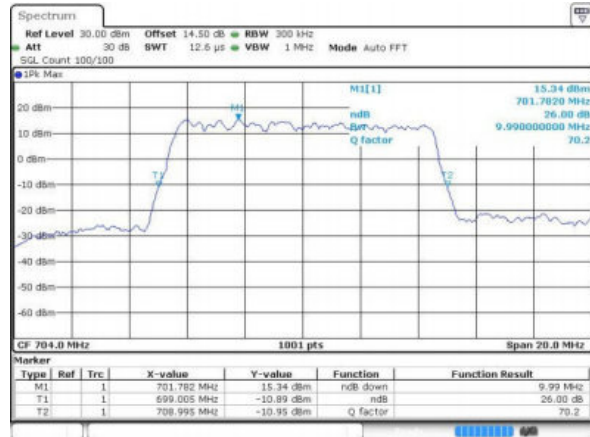


LTE Band 12

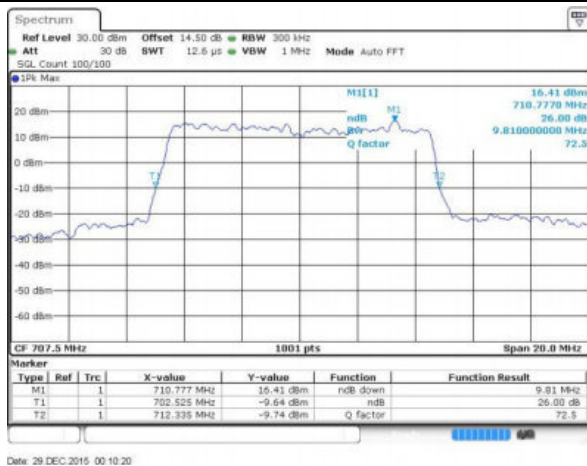
Lowest Channel / 10MHz / QPSK



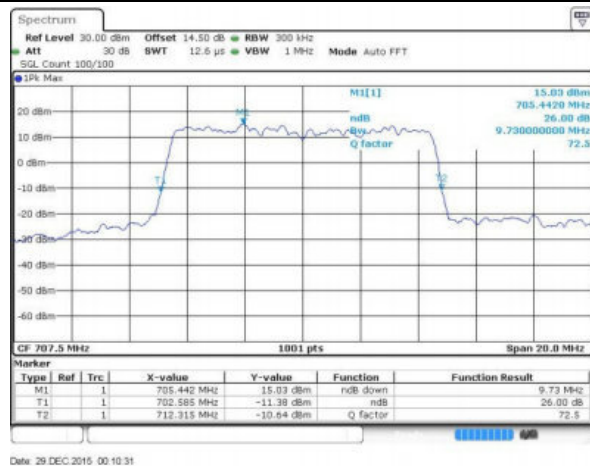
Lowest Channel / 10MHz / 16QAM



Middle Channel / 10MHz / QPSK



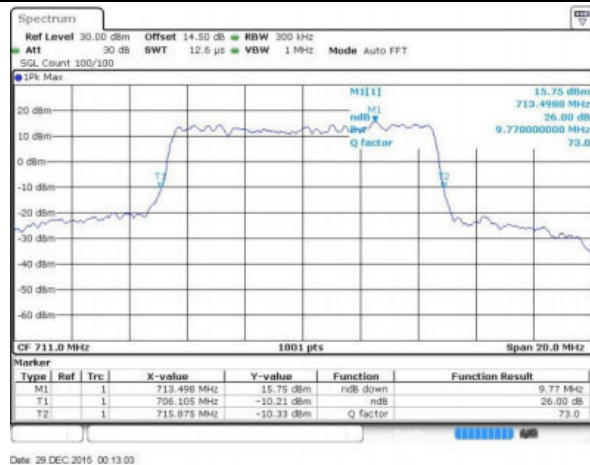
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



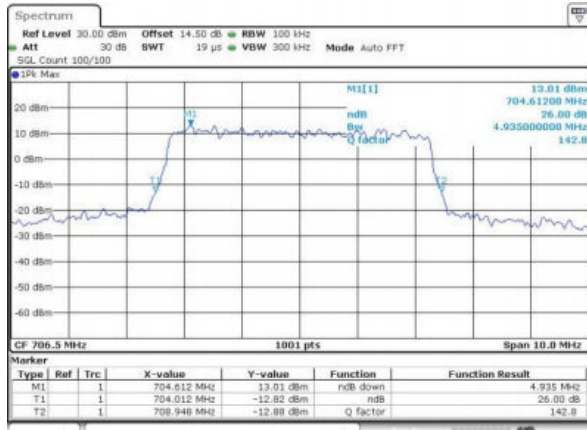
Highest Channel / 10MHz / 16QAM



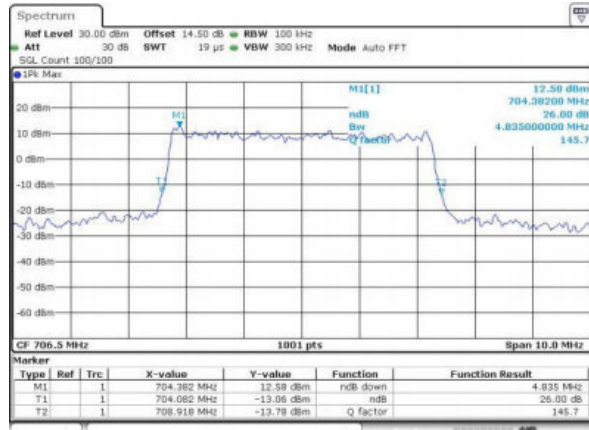


LTE Band 17

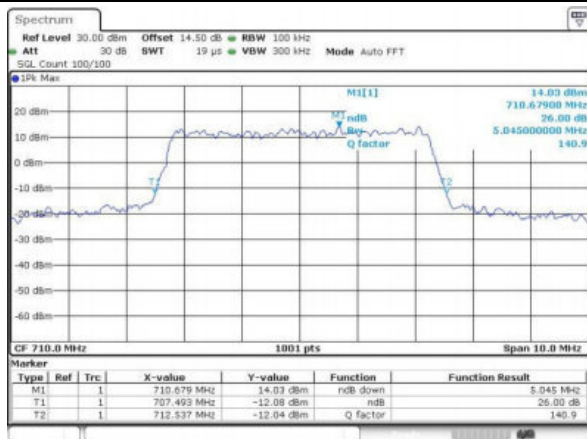
Lowest Channel / 5MHz / QPSK



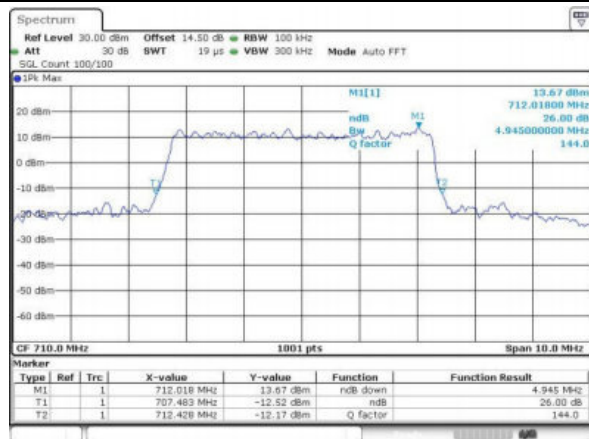
Lowest Channel / 5MHz / 16QAM



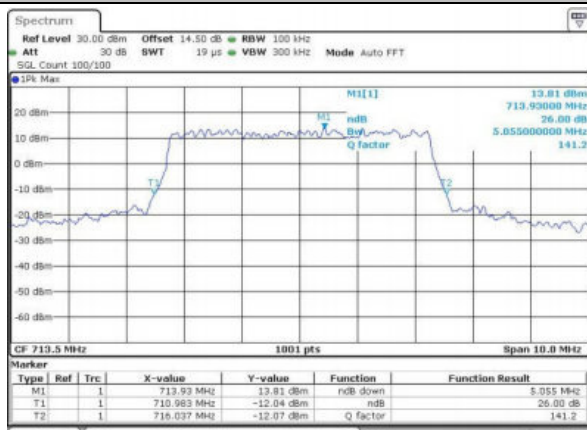
Middle Channel / 5MHz / QPSK



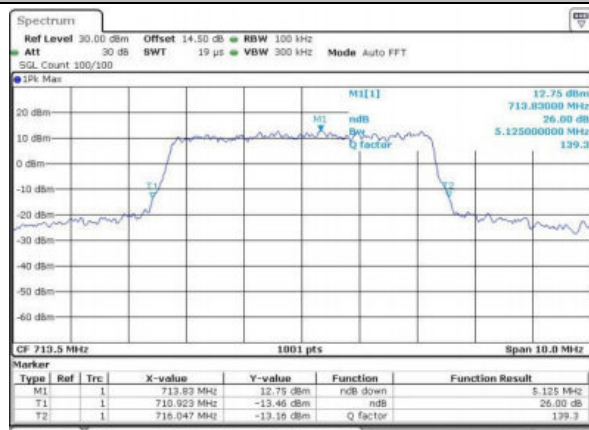
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



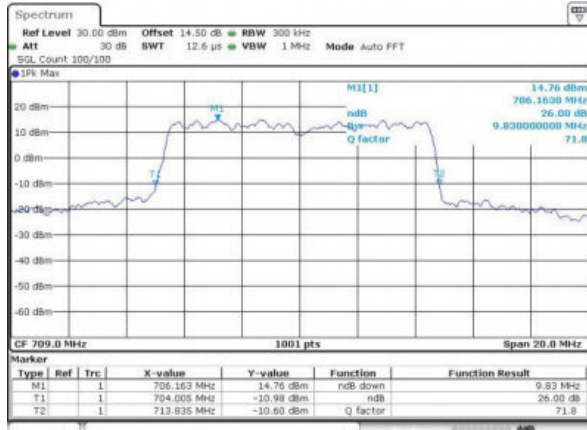
Highest Channel / 5MHz / 16QAM



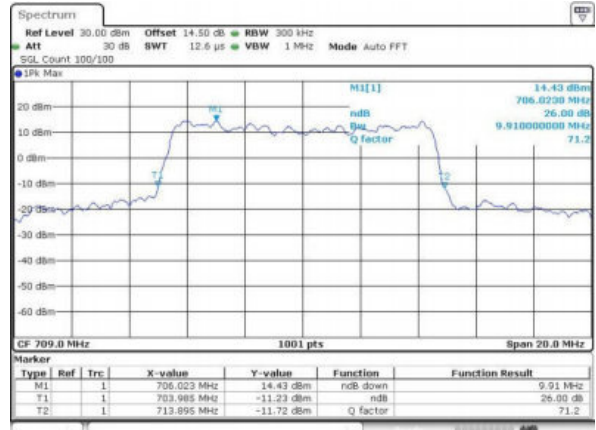


LTE Band 17

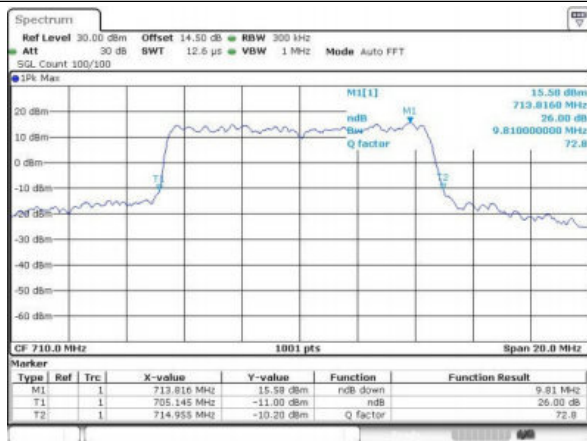
Lowest Channel / 10MHz / QPSK



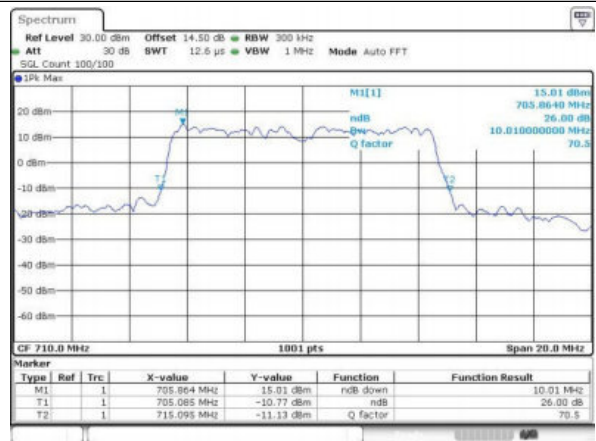
Lowest Channel / 10MHz / 16QAM



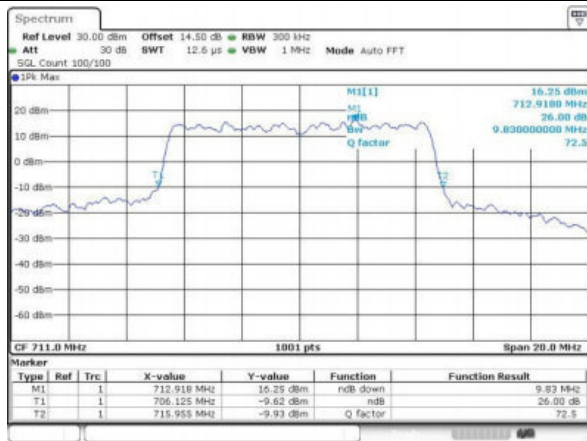
Middle Channel / 10MHz / QPSK



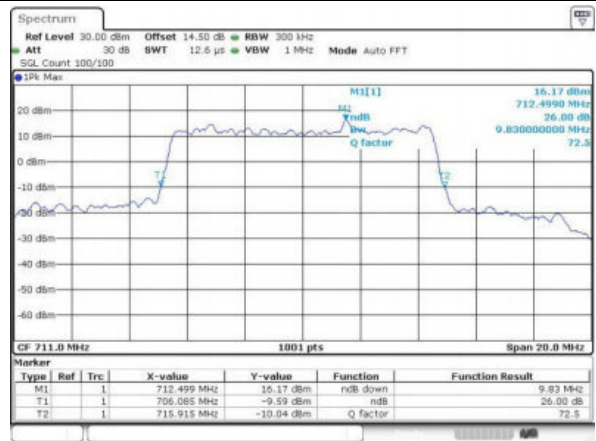
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



**Occupied Bandwidth**

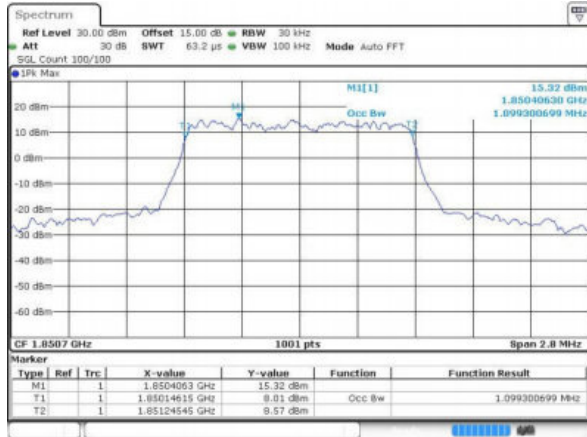
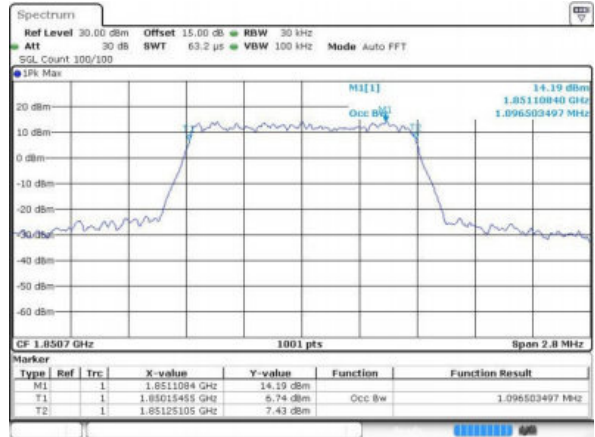
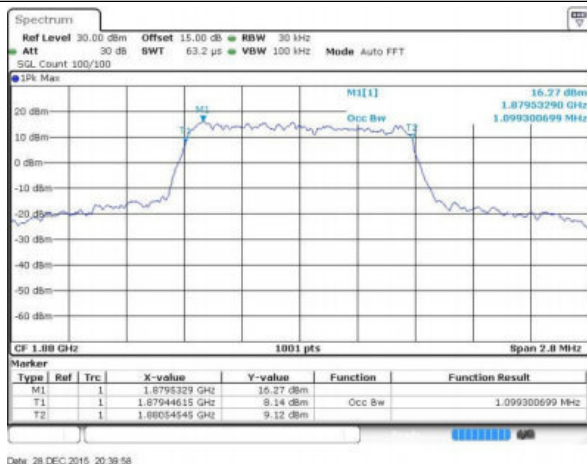
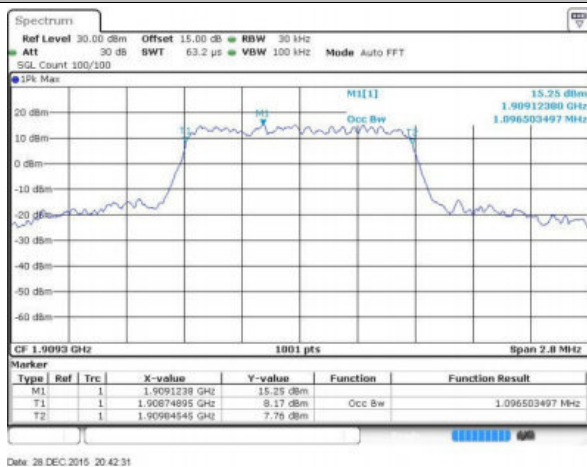
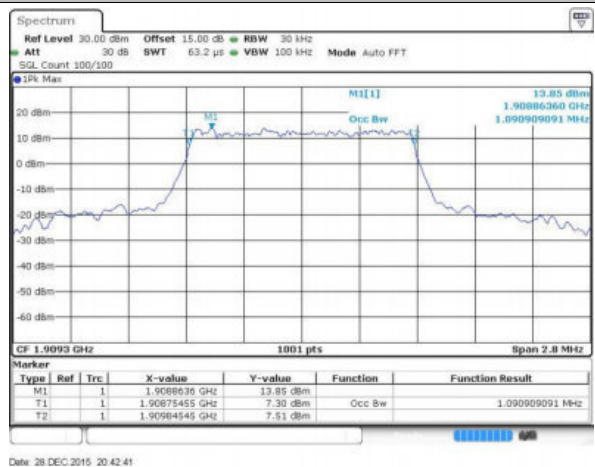
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.73	2.71	4.50	4.50	9.07	9.07	13.46	13.43	18.34	18.34
Middle CH	1.10	1.10	2.71	2.72	4.52	4.51	9.07	9.03	13.46	13.43	18.42	18.54
Highest CH	1.10	1.09	2.73	2.71	4.51	4.50	8.99	9.05	13.43	13.43	18.38	18.38

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	2.72	4.50	4.50	8.99	9.03	13.46	13.43	18.26	18.34
Middle CH	1.09	1.10	2.72	2.72	4.49	4.50	9.01	9.07	13.52	13.49	18.34	18.30
Highest CH	1.09	1.09	2.72	2.71	4.53	4.51	9.03	9.05	13.46	13.46	18.30	18.34

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	-	-	-	-	4.50	4.49	9.07	9.03	13.40	13.46	18.30	18.30
Middle CH	-	-	-	-	4.49	4.50	9.05	8.99	13.55	13.46	18.42	18.26
Highest CH	-	-	-	-	4.49	4.49	9.07	9.01	13.52	13.49	18.54	18.54

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	1.09	1.09	2.73	2.75	4.51	4.50	9.01	8.97	-	-	-	-
Middle CH	1.09	1.09	2.72	2.70	4.52	4.49	9.09	9.07	-	-	-	-
Highest CH	1.09	1.09	2.71	2.71	4.52	4.50	9.07	9.13	-	-	-	-

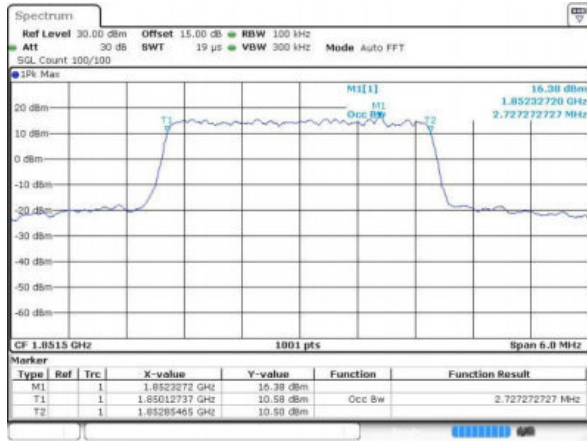
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.50	9.07	8.97	-	-	-	-
Middle CH	-	-	-	-	4.50	4.53	9.13	9.09	-	-	-	-
Highest CH	-	-	-	-	4.51	4.51	9.15	9.07	-	-	-	-

**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**

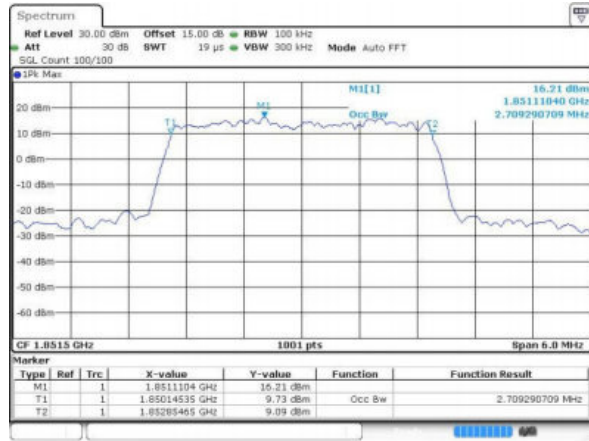


LTE Band 2

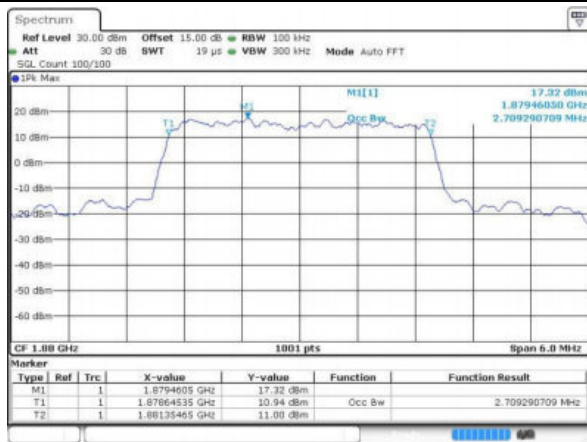
Lowest Channel / 3MHz / QPSK



Lowest Channel / 3MHz / 16QAM



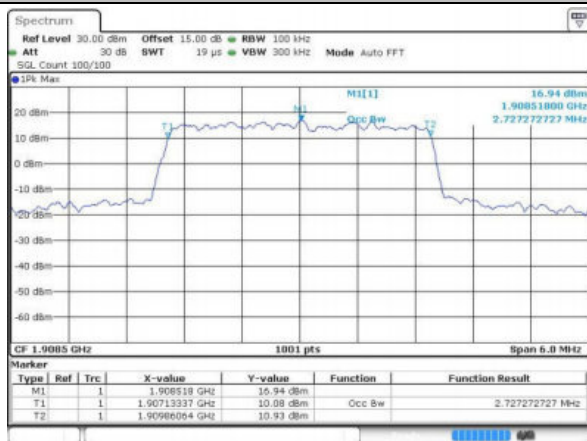
Middle Channel / 3MHz / QPSK



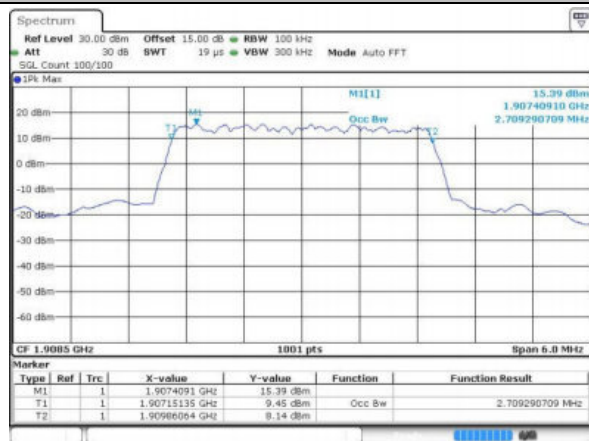
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



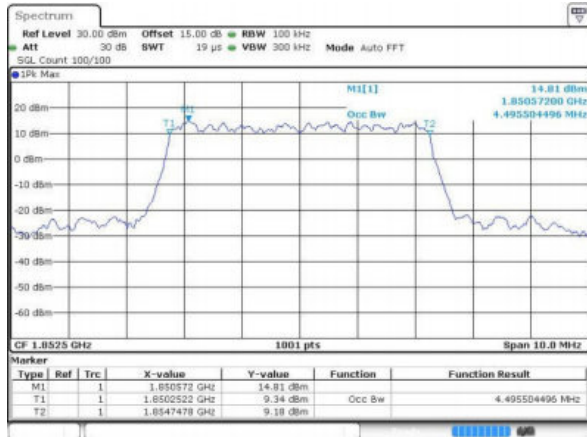
Highest Channel / 3MHz / 16QAM



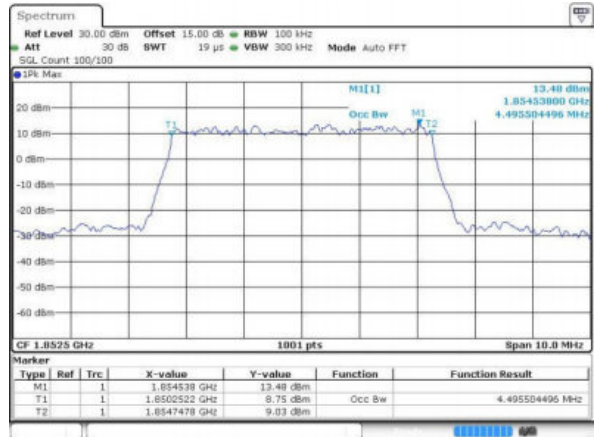


LTE Band 2

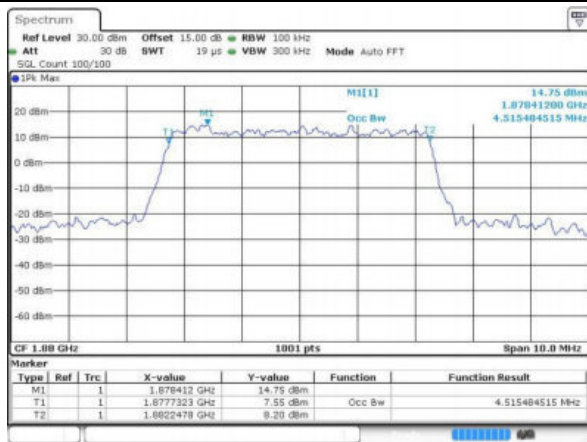
Lowest Channel / 5MHz / QPSK



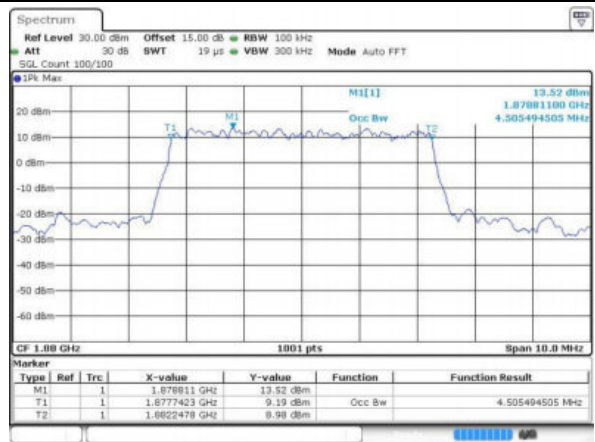
Lowest Channel / 5MHz / 16QAM



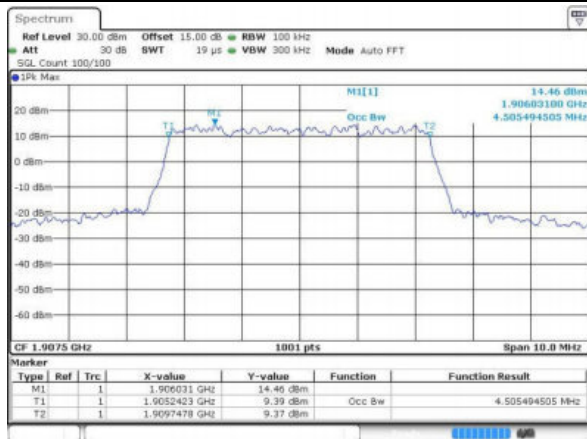
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



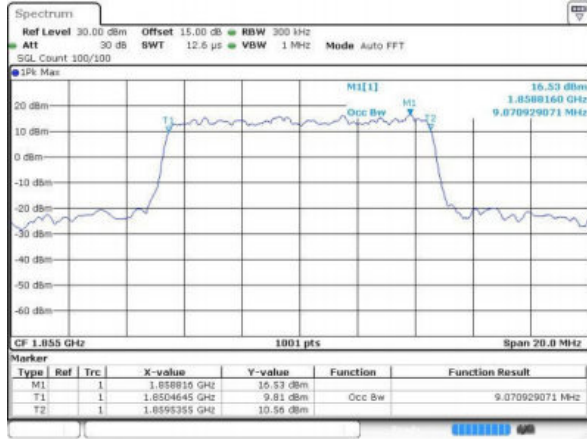
Highest Channel / 5MHz / 16QAM



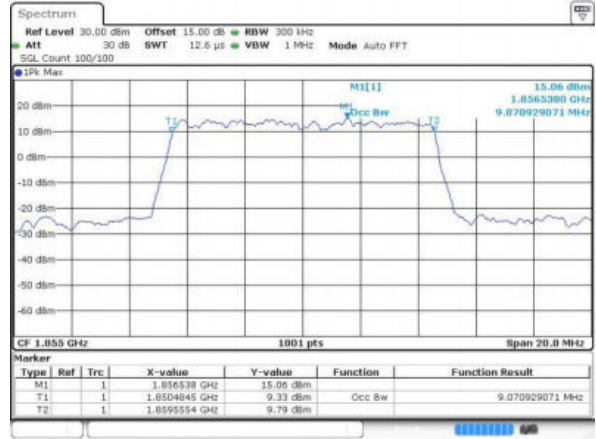


LTE Band 2

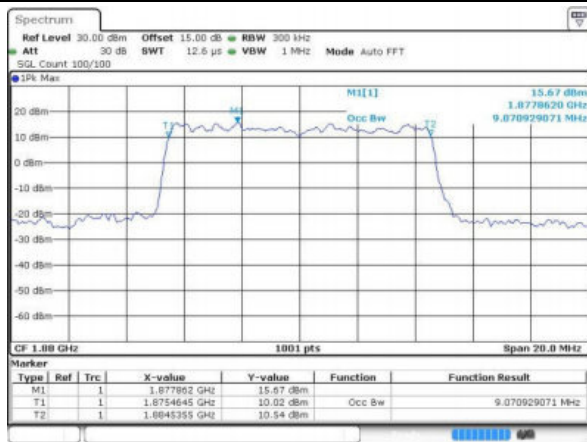
Lowest Channel / 10MHz / QPSK



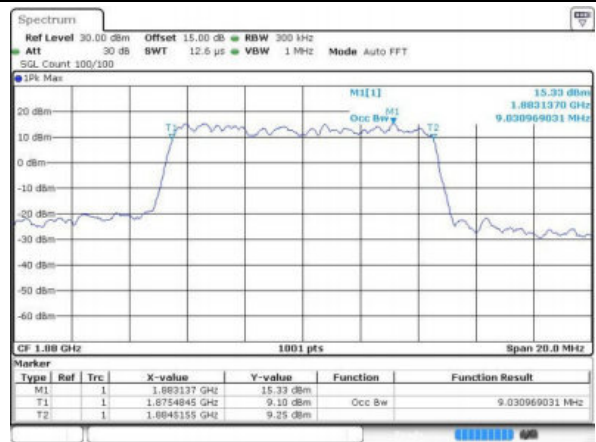
Lowest Channel / 10MHz / 16QAM



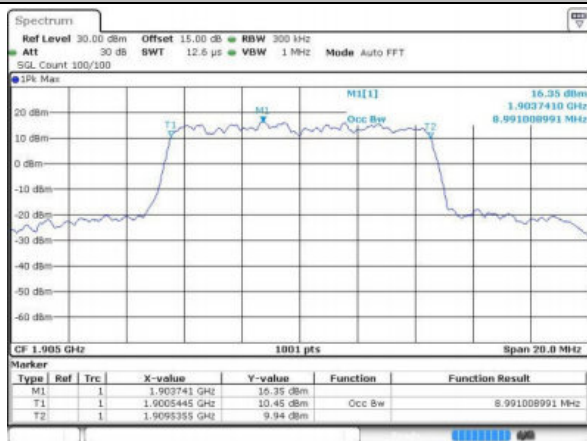
Middle Channel / 10MHz / QPSK



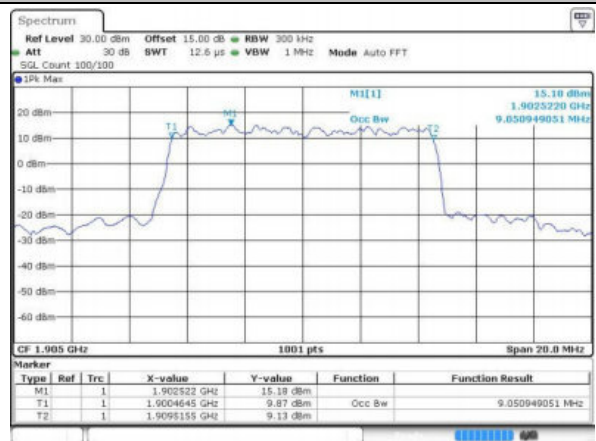
Middle Channel / 10MHz / 16QAM

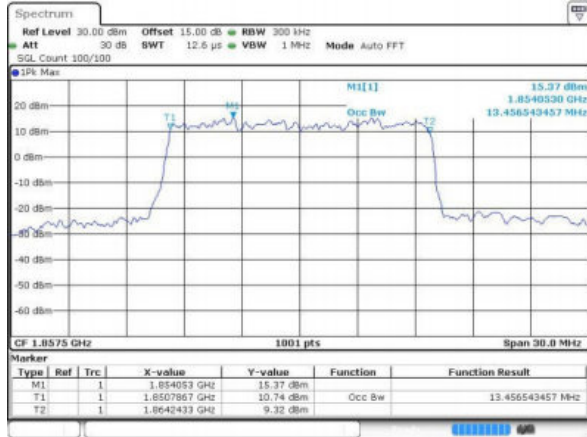
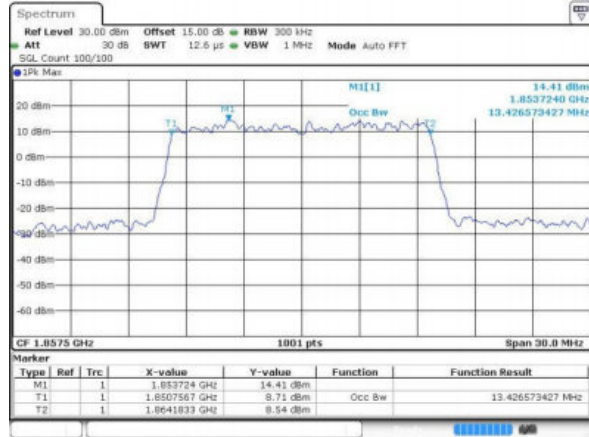
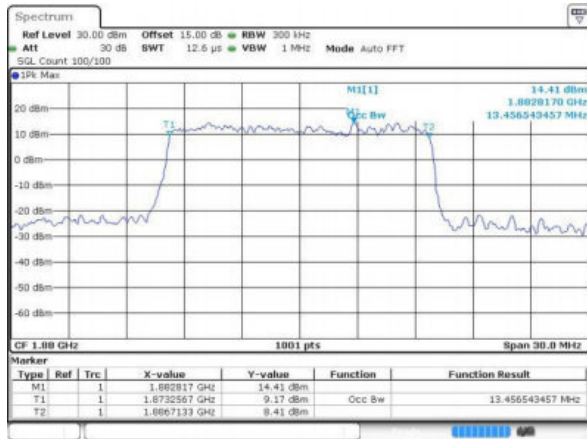
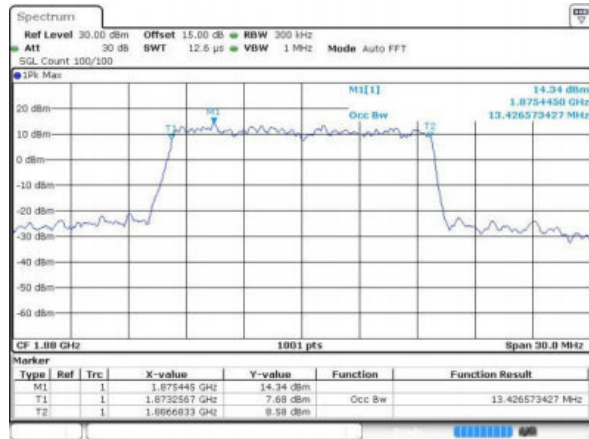
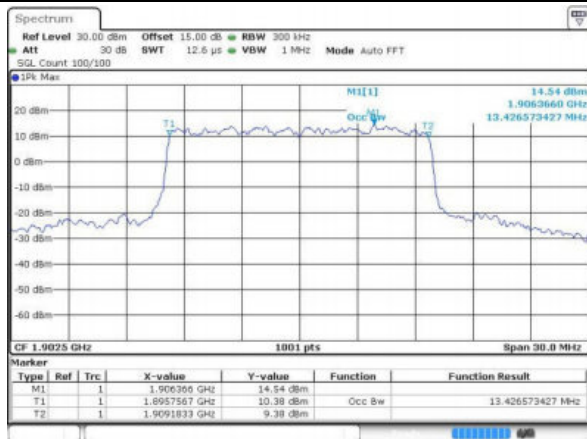


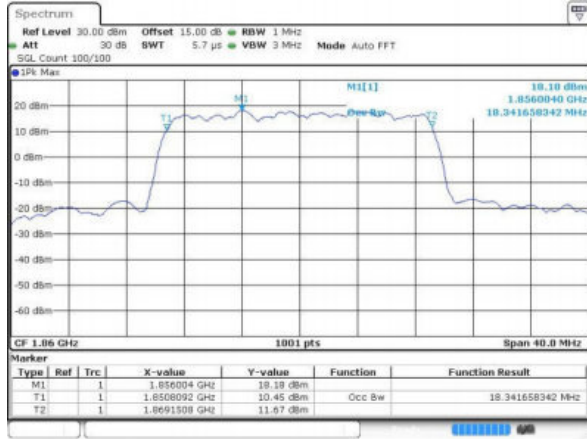
Highest Channel / 10MHz / QPSK



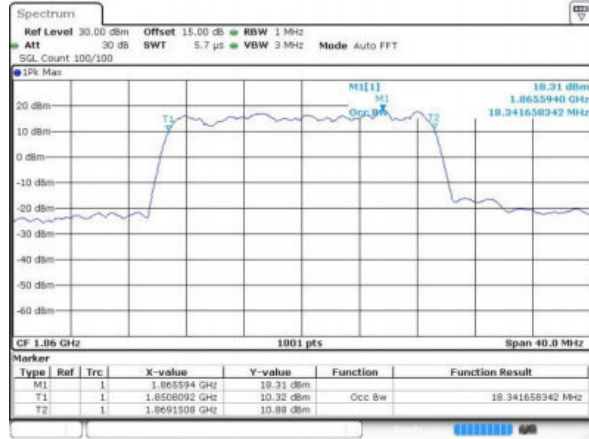
Highest Channel / 10MHz / 16QAM



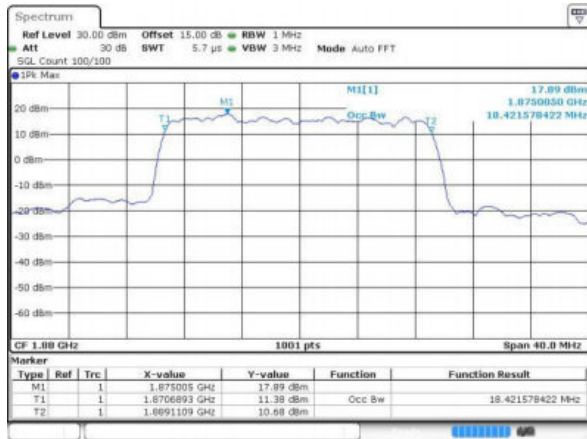
**LTE Band 2****Lowest Channel / 15MHz / QPSK****Lowest Channel / 15MHz / 16QAM****Middle Channel / 15MHz / QPSK****Middle Channel / 15MHz / 16QAM****Highest Channel / 15MHz / QPSK****Highest Channel / 15MHz / 16QAM**

**LTE Band 2****Lowest Channel / 20MHz / QPSK**

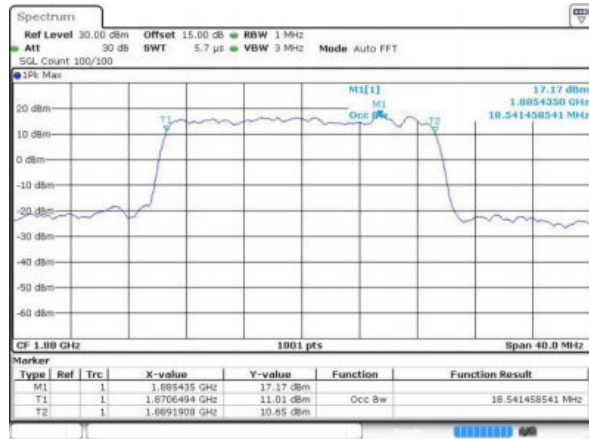
Date: 28 DEC 2015 21:56:21

Lowest Channel / 20MHz / 16QAM

Date: 28 DEC 2015 21:56:32

Middle Channel / 20MHz / QPSK

Date: 28 DEC 2015 22:03:26

Middle Channel / 20MHz / 16QAM

Date: 28 DEC 2015 22:03:36

Highest Channel / 20MHz / QPSK

Date: 28 DEC 2015 22:05:58

Highest Channel / 20MHz / 16QAM

Date: 28 DEC 2015 22:06:09