

**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	1.28	1.26	3.02	3.02	4.96	4.96	9.89	9.79	14.15	14.72	20.3	20.26
Middle CH	1.27	1.24	3	3.04	4.93	4.85	9.69	9.91	14.48	14.15	20.14	20.1
Highest CH	1.28	1.28	3.01	3.03	5.06	4.93	9.77	9.93	14.66	14.39	20.22	20.14

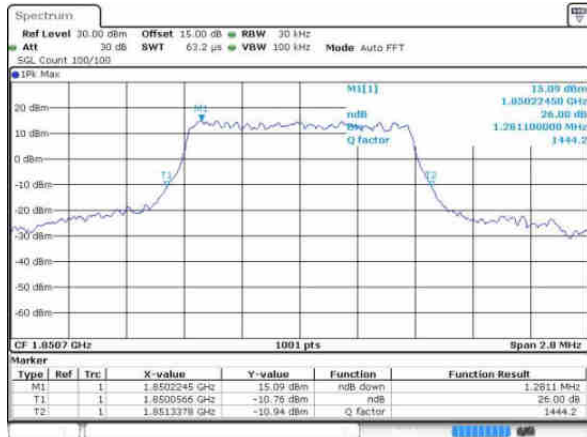
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.35	1.31	3.06	3	4.87	4.89	9.85	9.67	14.33	14.63	20.18	20.1
Middle CH	1.32	1.29	3.02	3.02	4.92	4.91	9.79	9.87	14.39	14.45	20.18	20.22
Highest CH	1.32	1.33	3.04	3.02	4.99	4.88	9.95	9.79	14.24	14.39	20.18	20.14

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	1.31	1.29	3.03	3	5	4.82	9.81	9.81	-	-	-	-
Middle CH	1.27	1.28	2.99	3.04	4.89	4.96	9.77	9.91	-	-	-	-
Highest CH	1.27	1.29	3.03	3.02	4.97	4.96	9.83	9.81	-	-	-	-

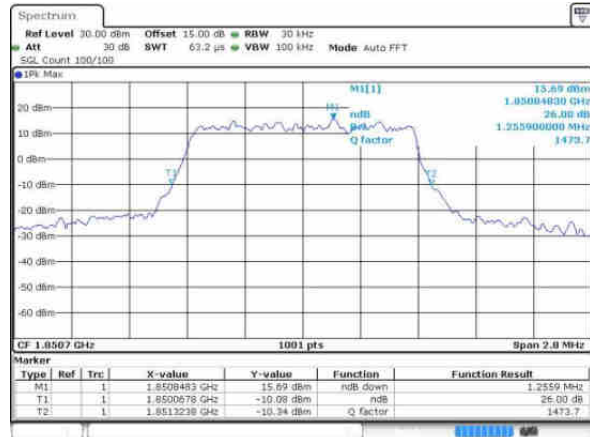


LTE Band 2

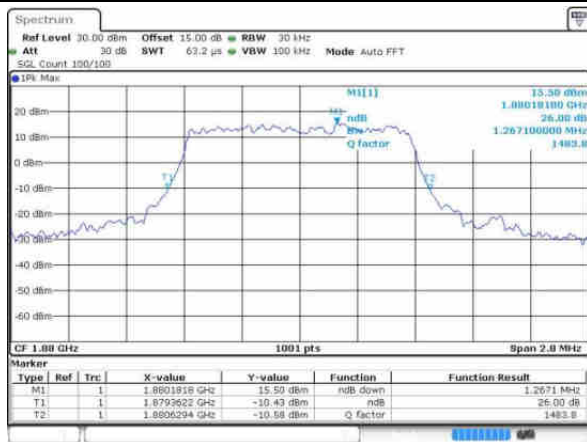
Lowest Channel / 1.4MHz / QPSK



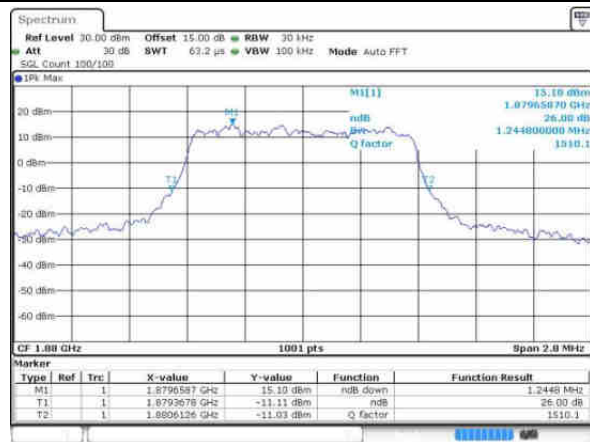
Lowest Channel / 1.4MHz / 16QAM



Middle Channel / 1.4MHz / QPSK



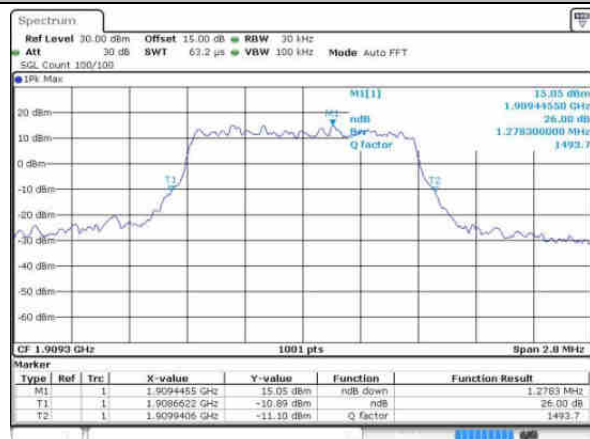
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



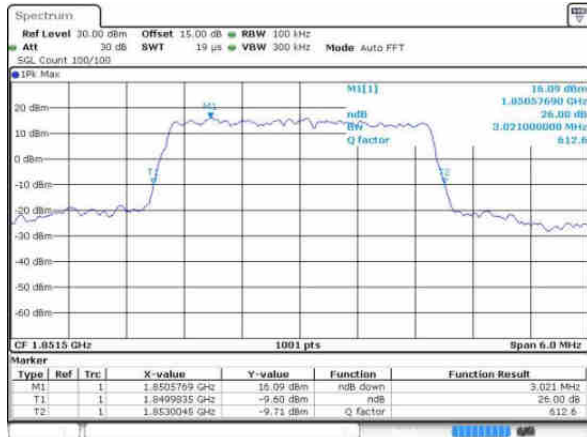
Highest Channel / 1.4MHz / 16QAM



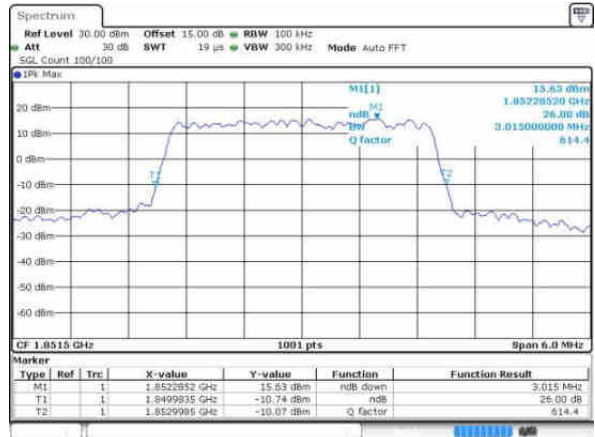


LTE Band 2

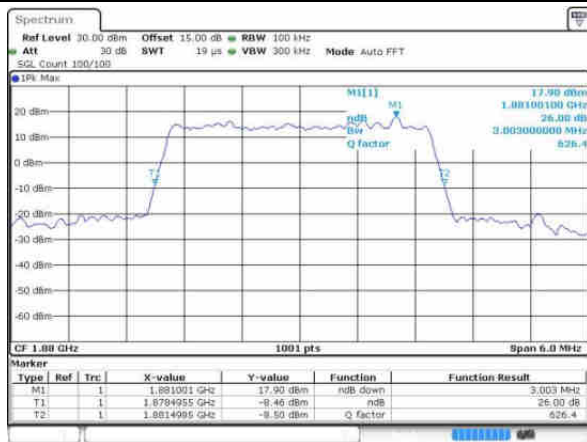
Lowest Channel / 3MHz / QPSK



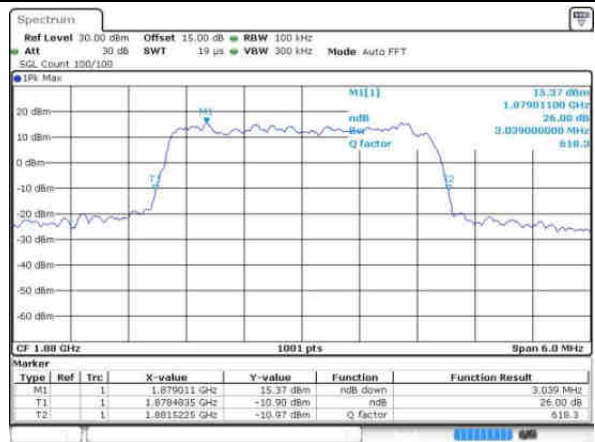
Lowest Channel / 3MHz / 16QAM



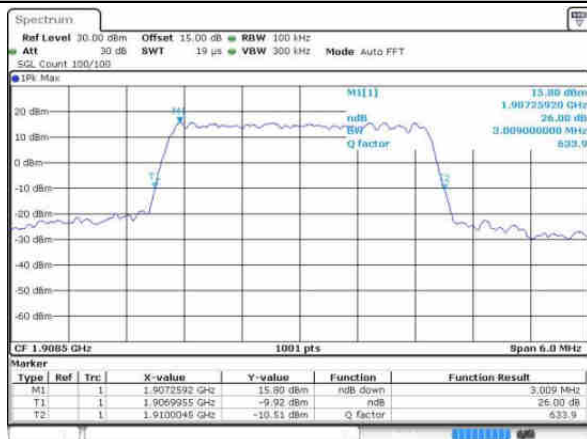
Middle Channel / 3MHz / QPSK



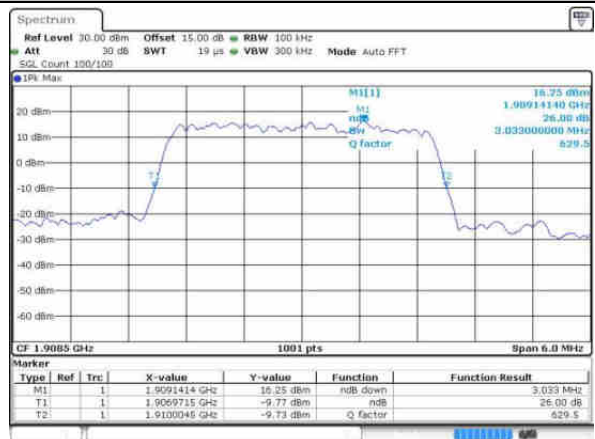
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



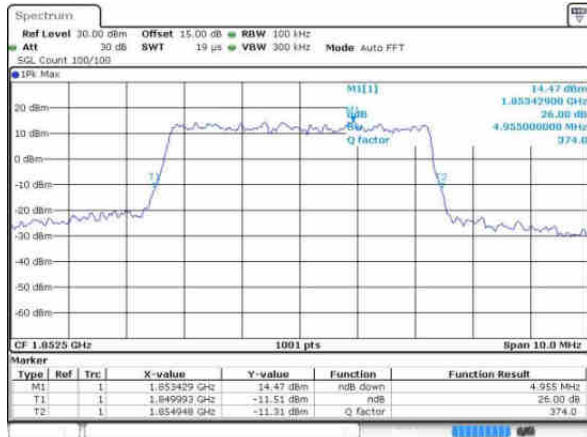
Highest Channel / 3MHz / 16QAM





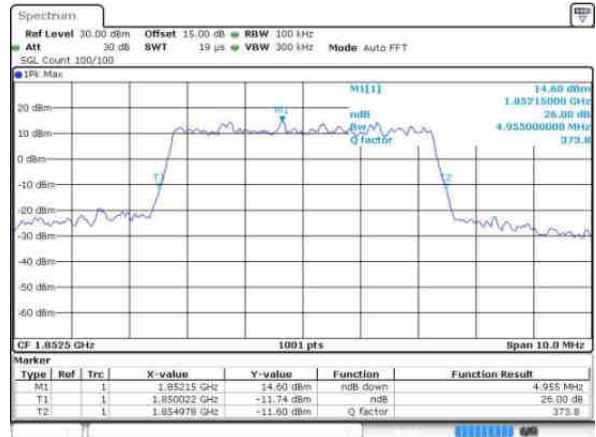
LTE Band 2

Lowest Channel / 5MHz / QPSK



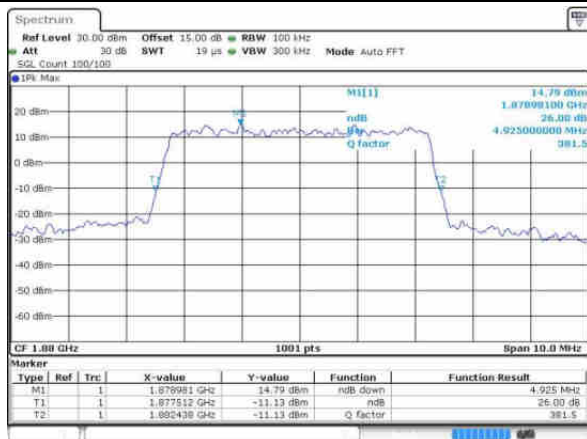
Date: 4 FEB 2016 14:25:50

Lowest Channel / 5MHz / 16QAM



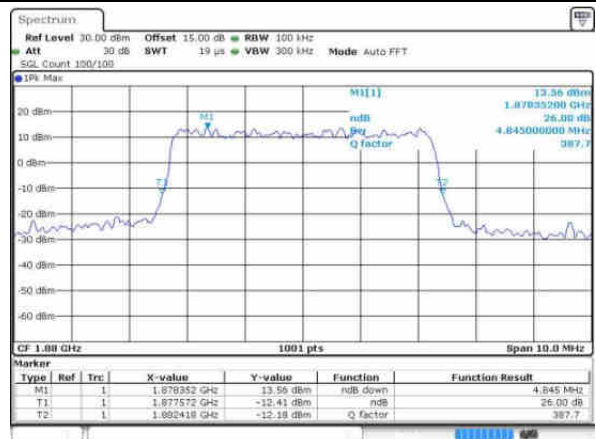
Date: 4 FEB 2016 14:26:01

Middle Channel / 5MHz / QPSK



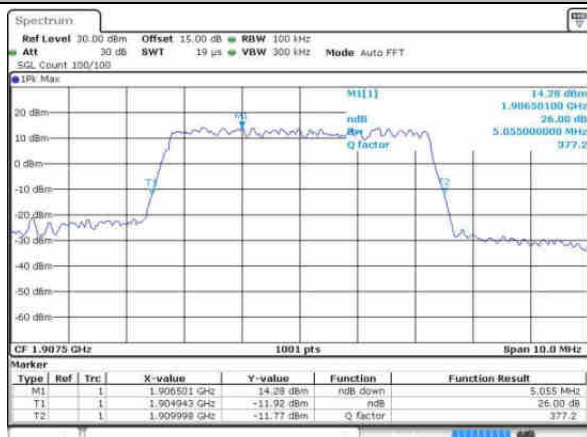
Date: 4 FEB 2016 14:32:56

Middle Channel / 5MHz / 16QAM



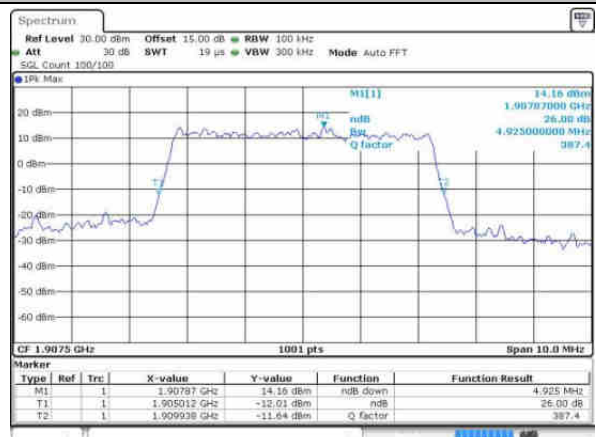
Date: 4 FEB 2016 14:33:07

Highest Channel / 5MHz / QPSK



Date: 4 FEB 2016 14:35:30

Highest Channel / 5MHz / 16QAM

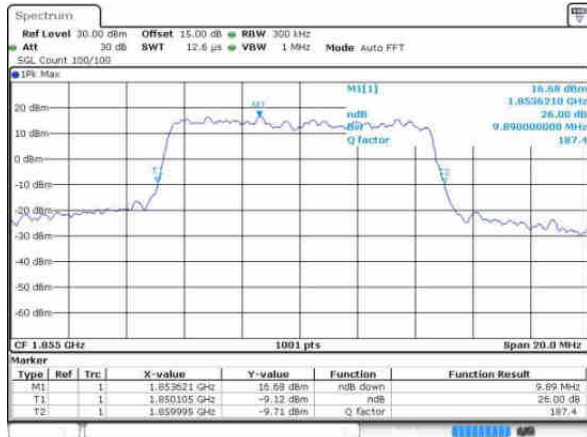


Date: 4 FEB 2016 14:35:41

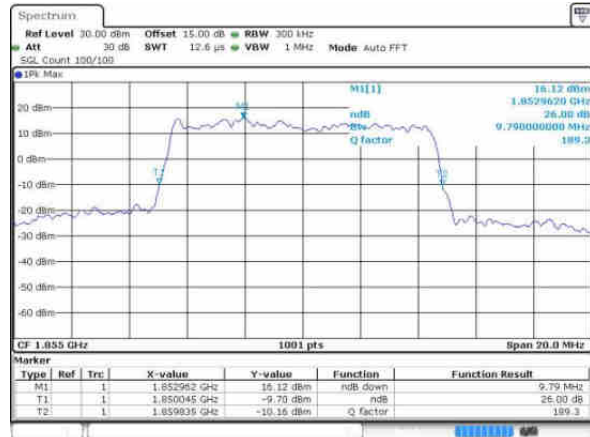


LTE Band 2

Lowest Channel / 10MHz / QPSK



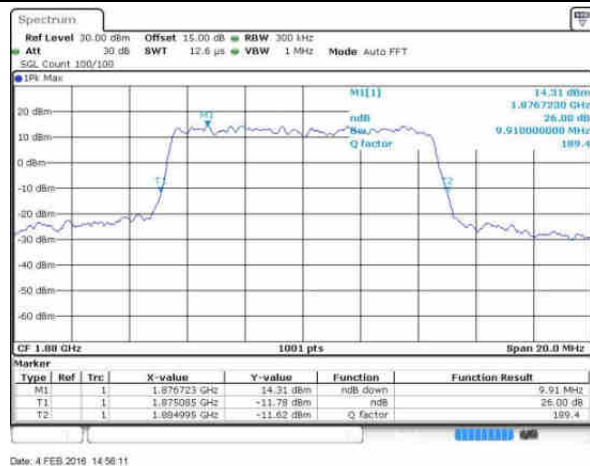
Lowest Channel / 10MHz / 16QAM



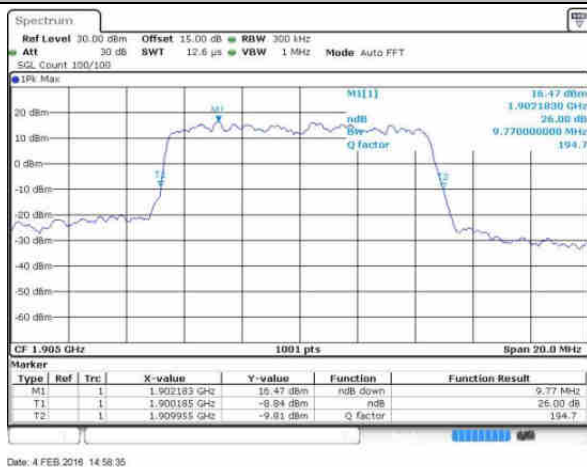
Middle Channel / 10MHz / QPSK



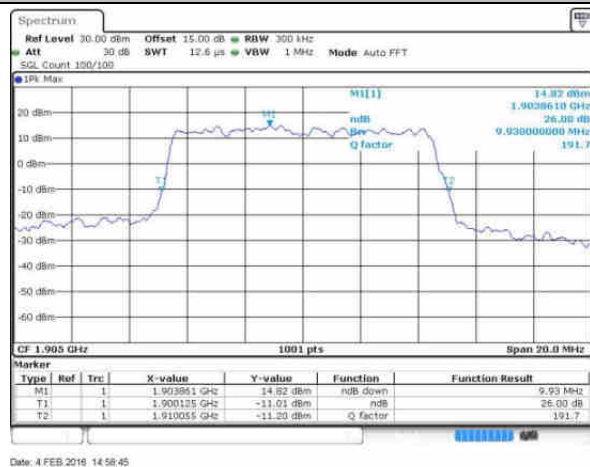
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



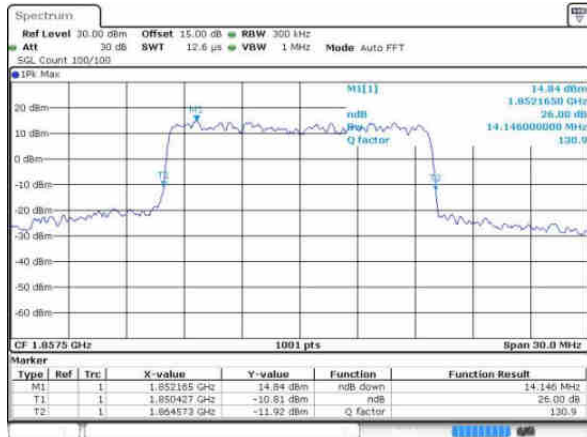
Highest Channel / 10MHz / 16QAM



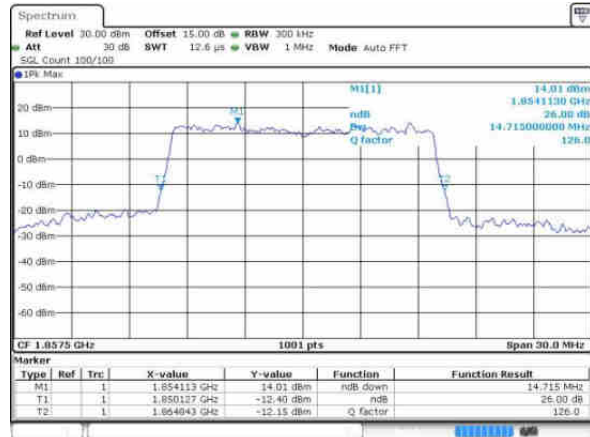


LTE Band 2

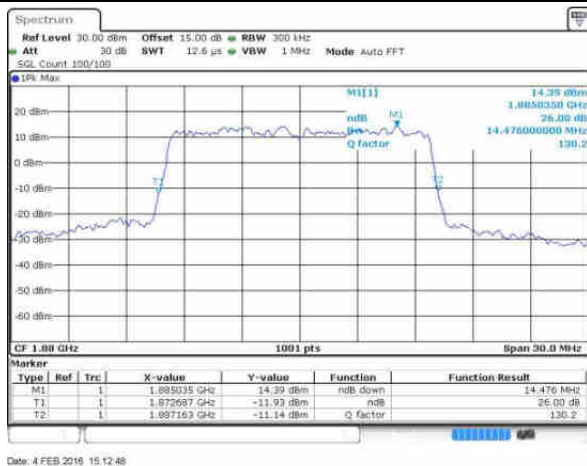
Lowest Channel / 15MHz / QPSK



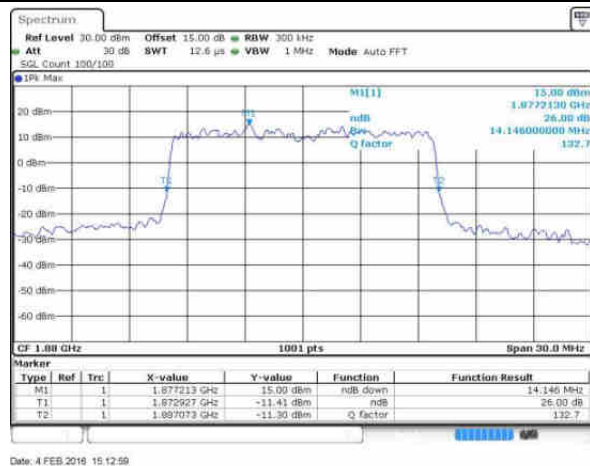
Lowest Channel / 15MHz / 16QAM



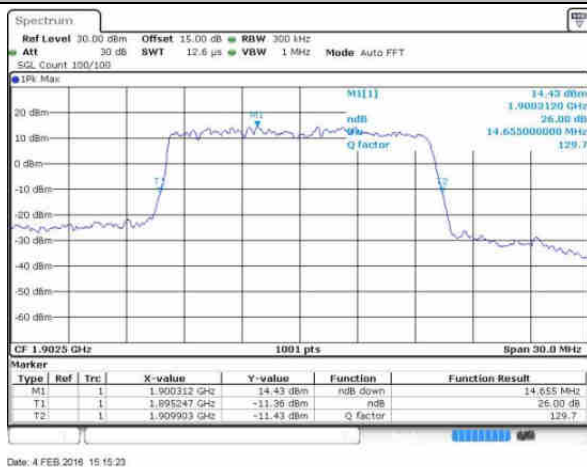
Middle Channel / 15MHz / QPSK



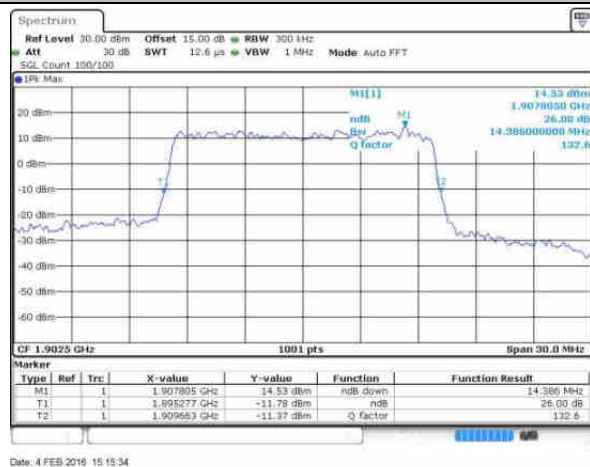
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



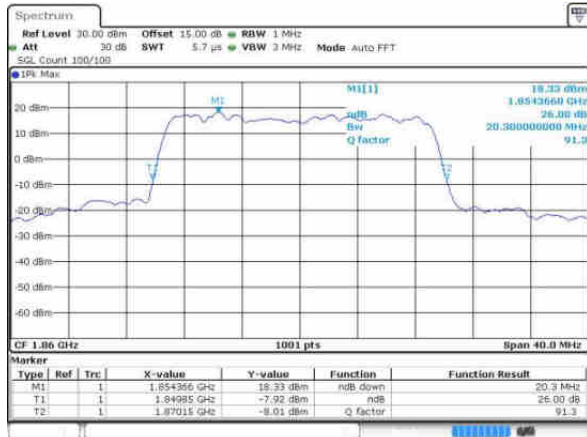
Highest Channel / 15MHz / 16QAM



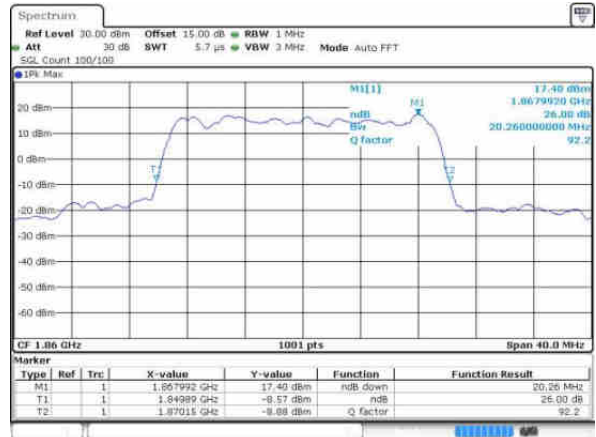


LTE Band 2

Lowest Channel / 20MHz / QPSK



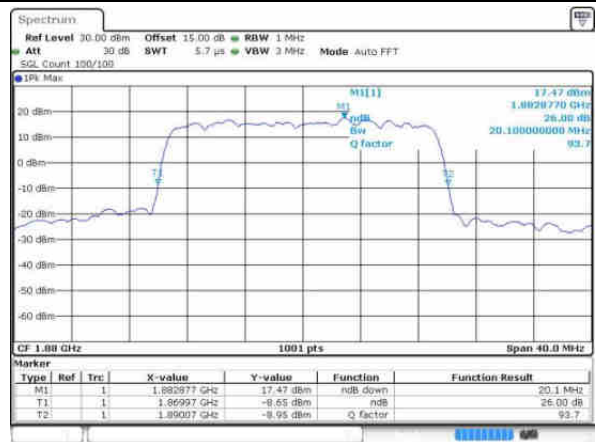
Lowest Channel / 20MHz / 16QAM



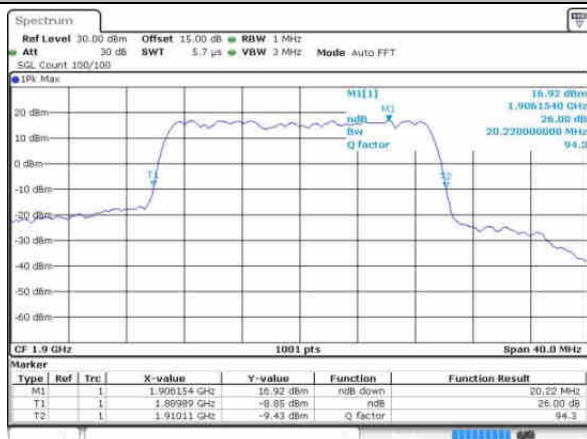
Middle Channel / 20MHz / QPSK



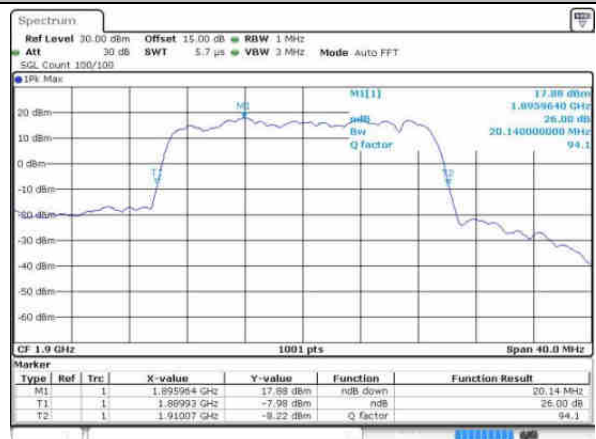
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



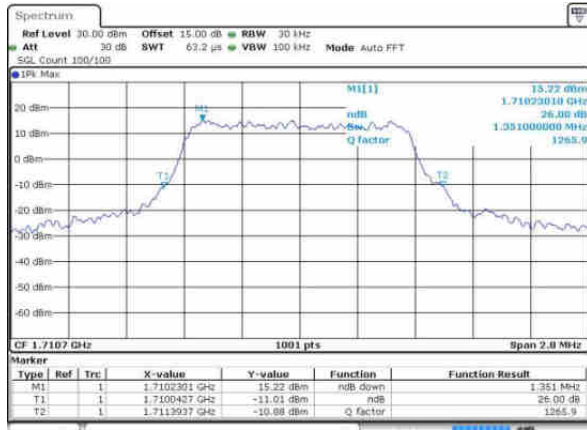
Highest Channel / 20MHz / 16QAM





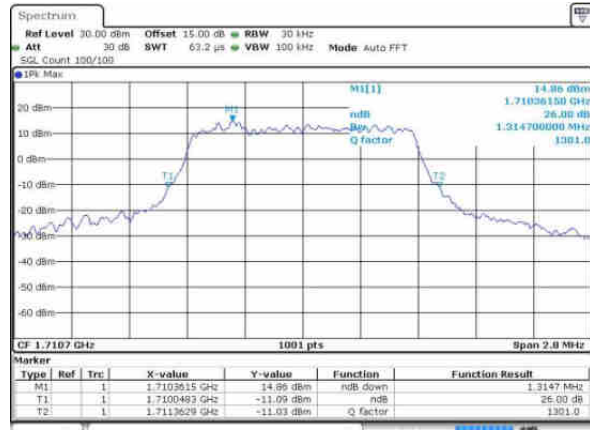
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



Date: 4 FEB 2016 09:54:56

Lowest Channel / 1.4MHz / 16QAM



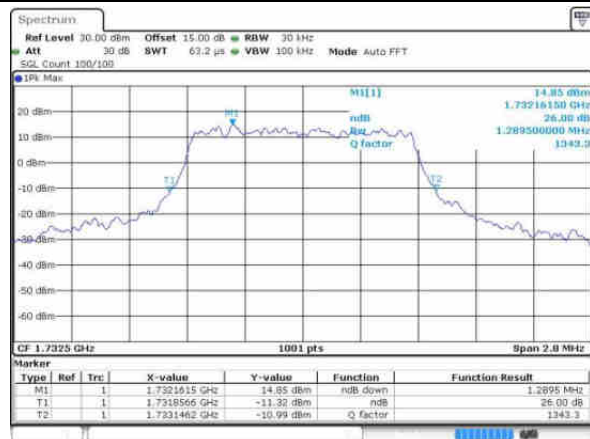
Date: 4 FEB 2016 09:55:06

Middle Channel / 1.4MHz / QPSK



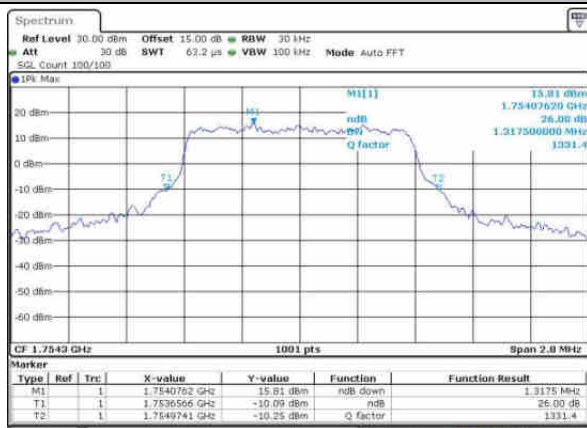
Date: 4 FEB 2016 10:02:02

Middle Channel / 1.4MHz / 16QAM



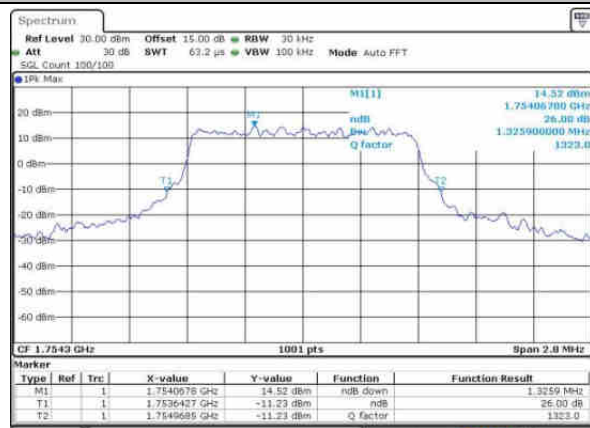
Date: 4 FEB 2016 10:02:12

Highest Channel / 1.4MHz / QPSK



Date: 4 FEB 2016 10:04:35

Highest Channel / 1.4MHz / 16QAM



Date: 4 FEB 2016 10:04:46

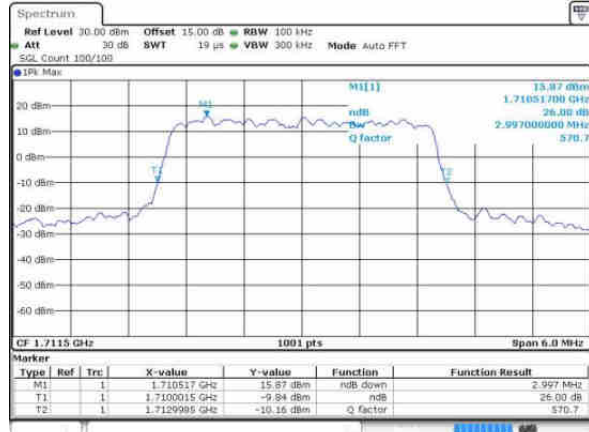


LTE Band 4

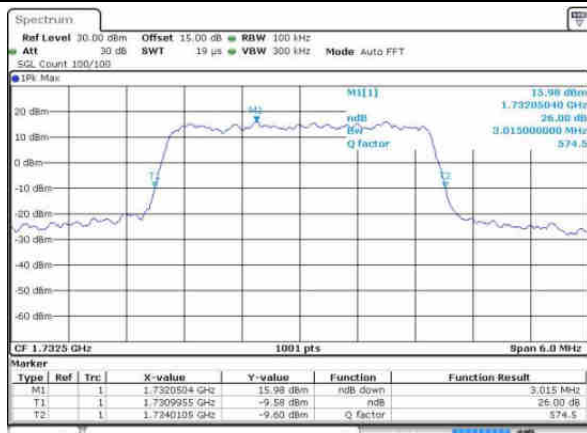
Lowest Channel / 3MHz / QPSK



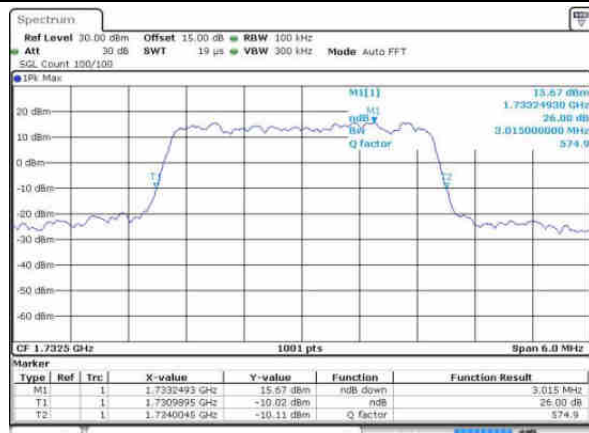
Lowest Channel / 3MHz / 16QAM



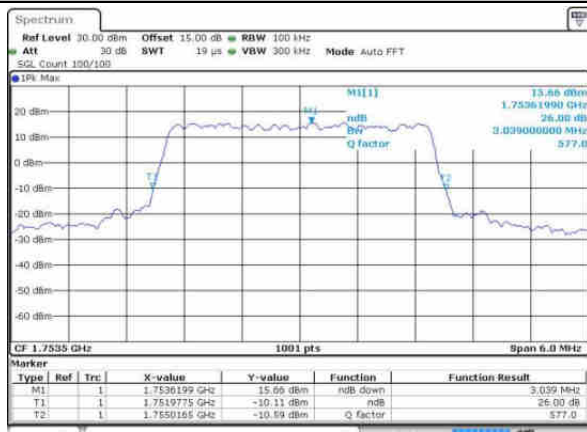
Middle Channel / 3MHz / QPSK



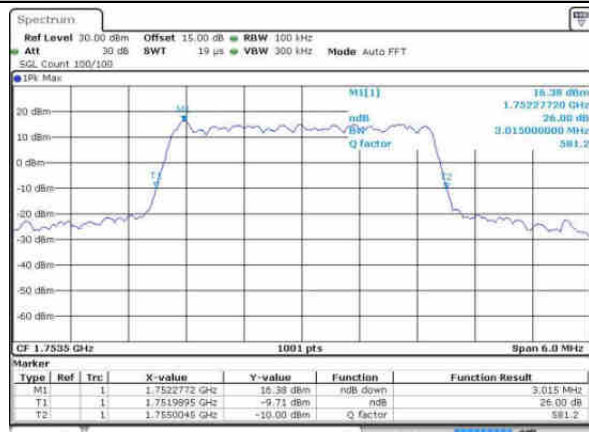
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



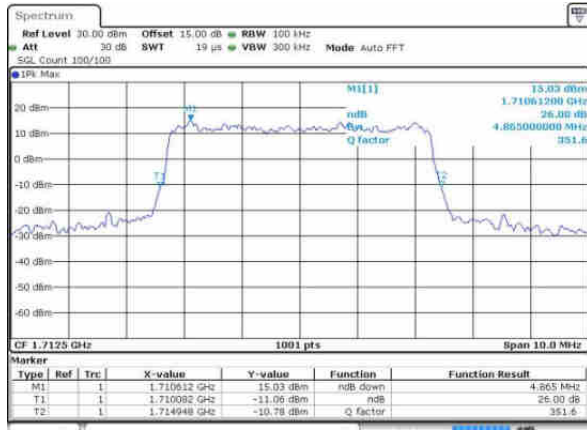
Highest Channel / 3MHz / 16QAM





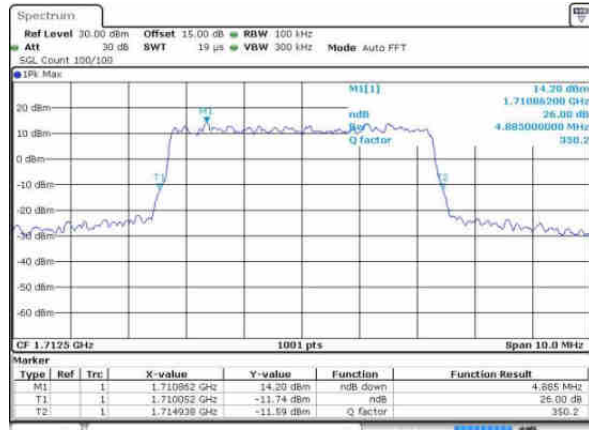
LTE Band 4

Lowest Channel / 5MHz / QPSK



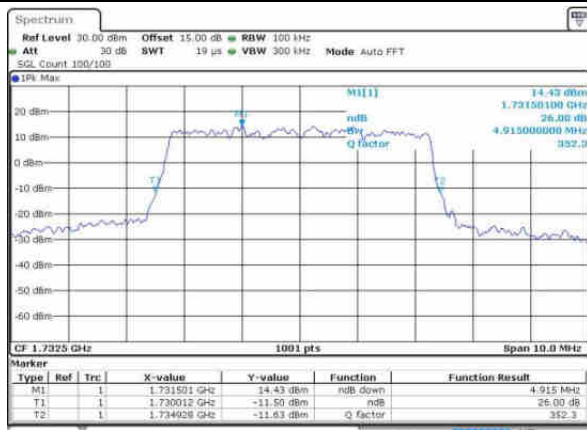
Date: 4 FEB 2016 10:28:26

Lowest Channel / 5MHz / 16QAM



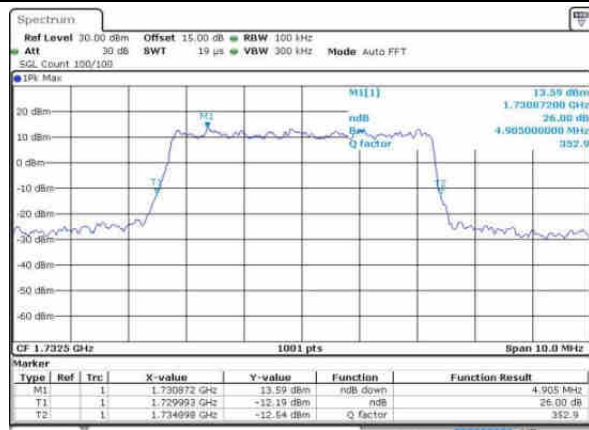
Date: 4 FEB 2016 10:28:37

Middle Channel / 5MHz / QPSK



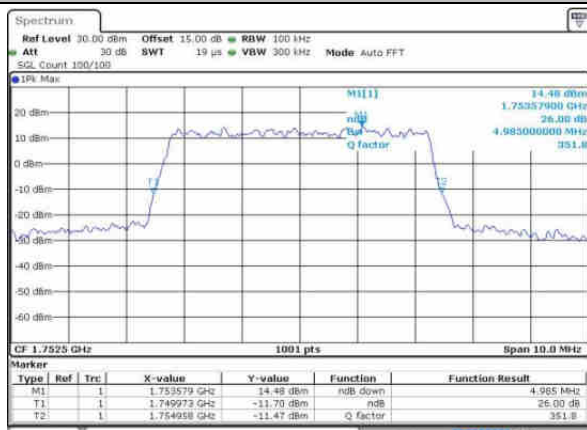
Date: 4 FEB 2016 10:35:32

Middle Channel / 5MHz / 16QAM



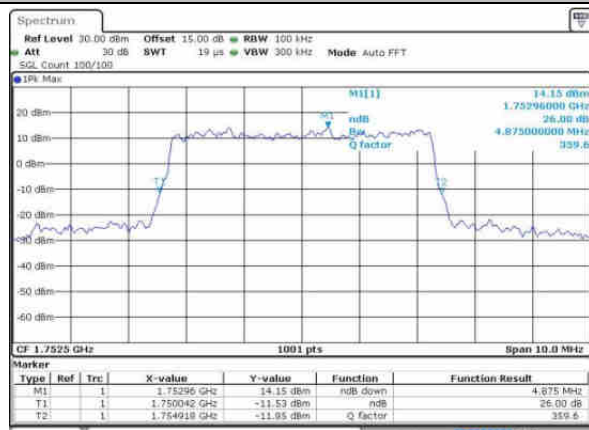
Date: 4 FEB 2016 10:35:43

Highest Channel / 5MHz / QPSK



Date: 4 FEB 2016 10:38:06

Highest Channel / 5MHz / 16QAM

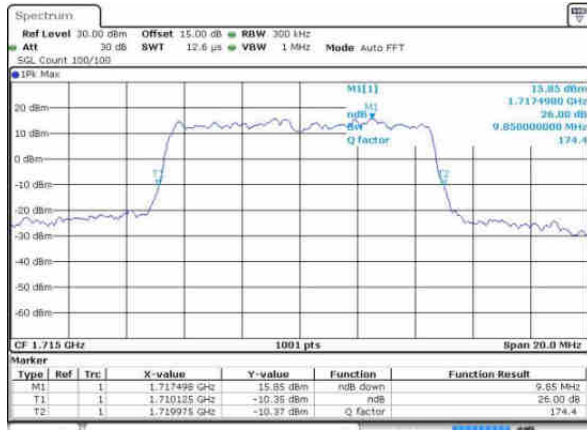


Date: 4 FEB 2016 10:38:16



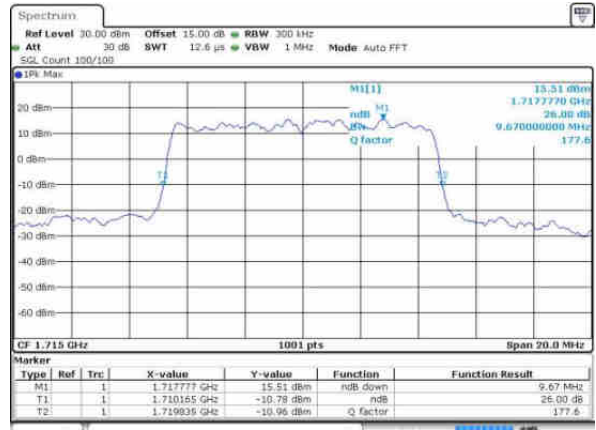
LTE Band 4

Lowest Channel / 10MHz / QPSK



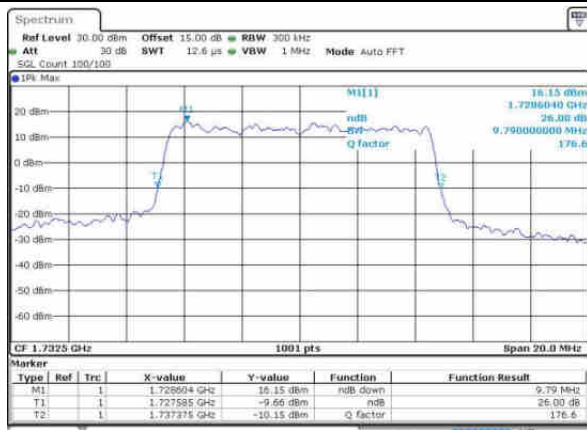
Date: 4 FEB 2016 10:45:11

Lowest Channel / 10MHz / 16QAM



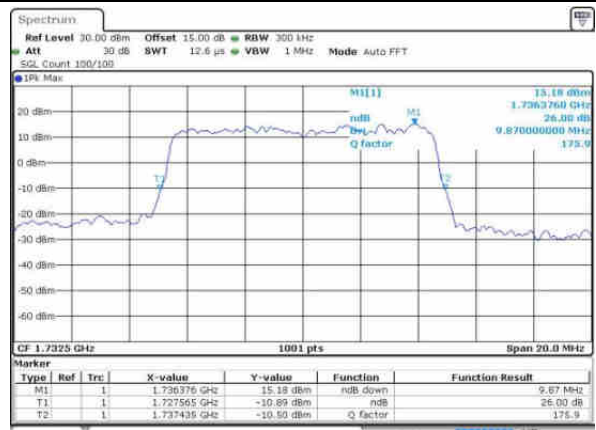
Date: 4 FEB 2016 10:45:22

Middle Channel / 10MHz / QPSK



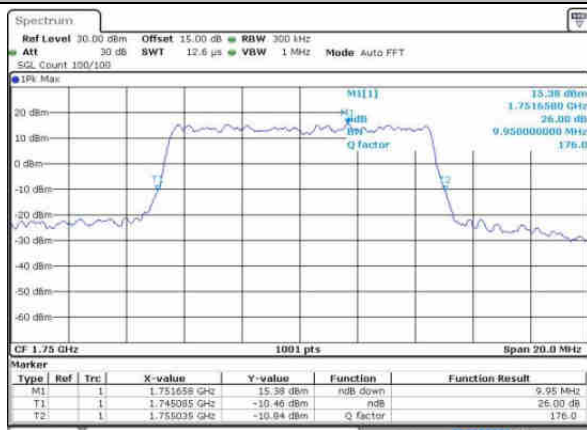
Date: 4 FEB 2016 10:52:17

Middle Channel / 10MHz / 16QAM



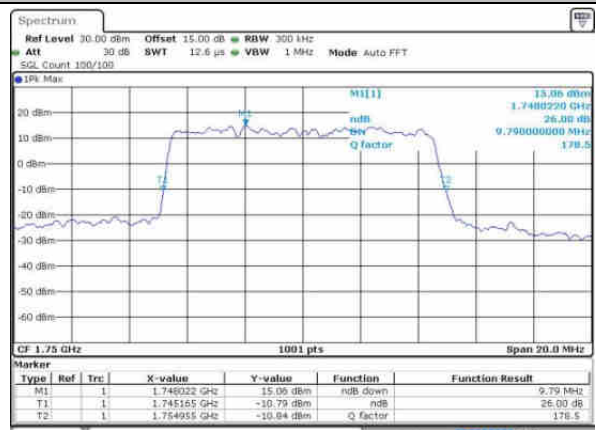
Date: 4 FEB 2016 10:52:27

Highest Channel / 10MHz / QPSK



Date: 4 FEB 2016 10:54:50

Highest Channel / 10MHz / 16QAM

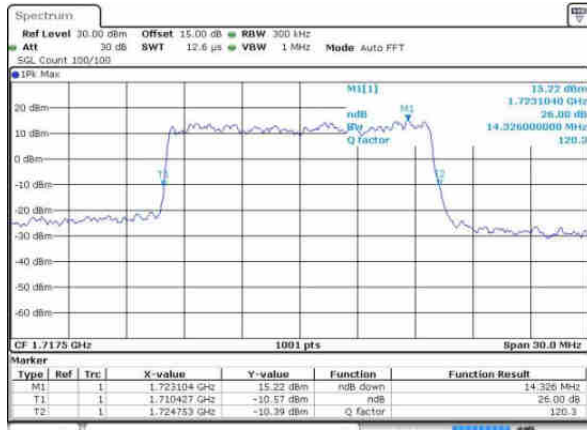


Date: 4 FEB 2016 10:55:01



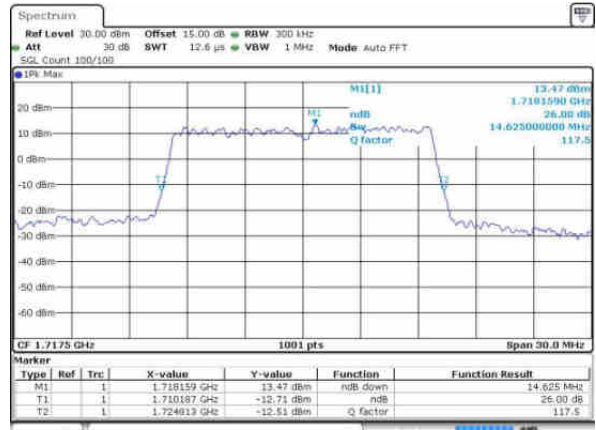
LTE Band 4

Lowest Channel / 15MHz / QPSK



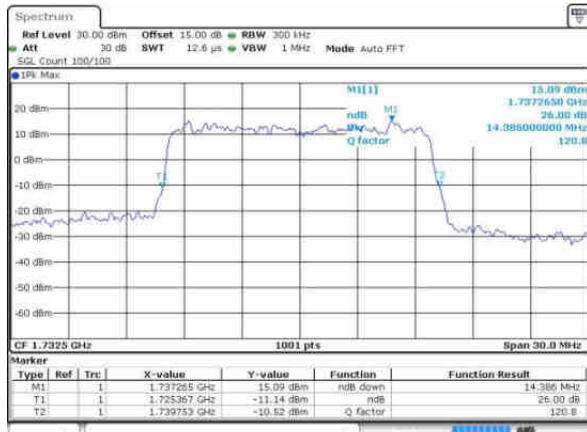
Date: 4 FEB 2016 11:01:56

Lowest Channel / 15MHz / 16QAM



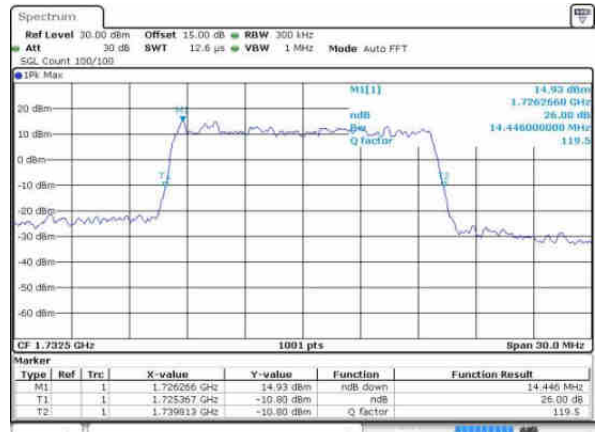
Date: 4 FEB 2016 11:02:07

Middle Channel / 15MHz / QPSK



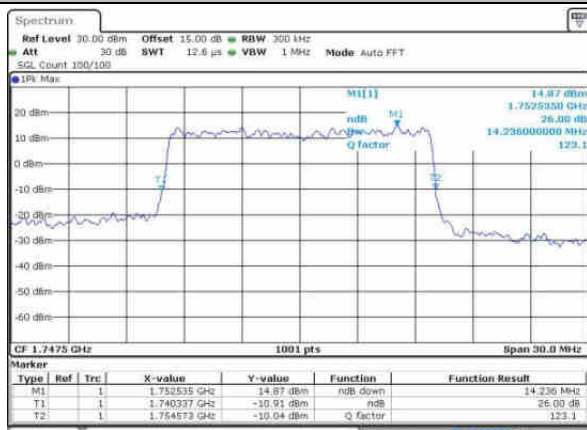
Date: 4 FEB 2016 11:06:02

Middle Channel / 15MHz / 16QAM



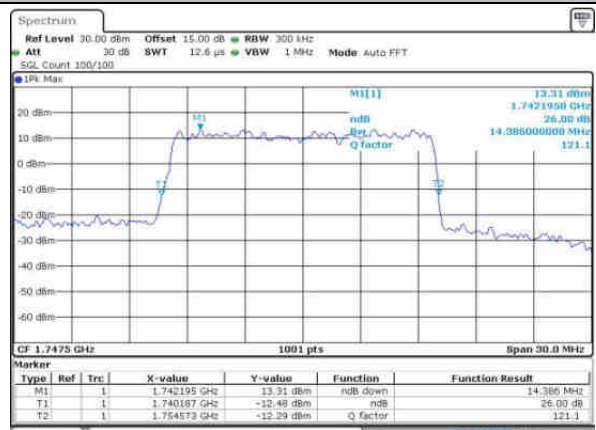
Date: 4 FEB 2016 11:06:12

Highest Channel / 15MHz / QPSK



Date: 4 FEB 2016 11:11:35

Highest Channel / 15MHz / 16QAM

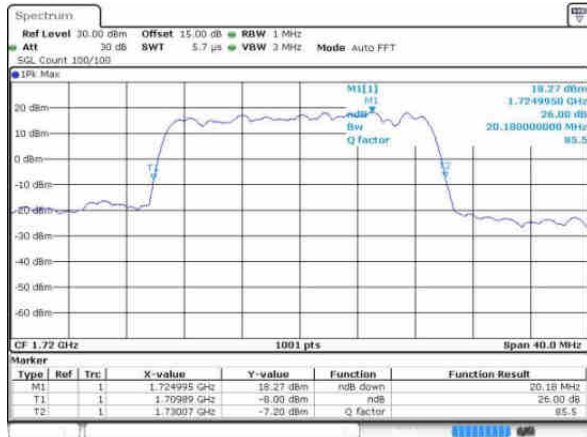


Date: 4 FEB 2016 11:11:46



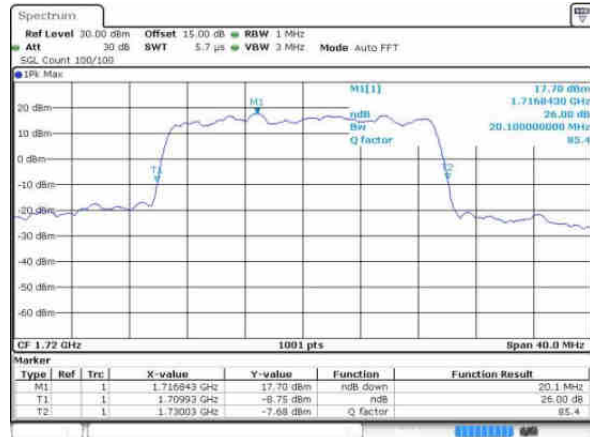
LTE Band 4

Lowest Channel / 20MHz / QPSK



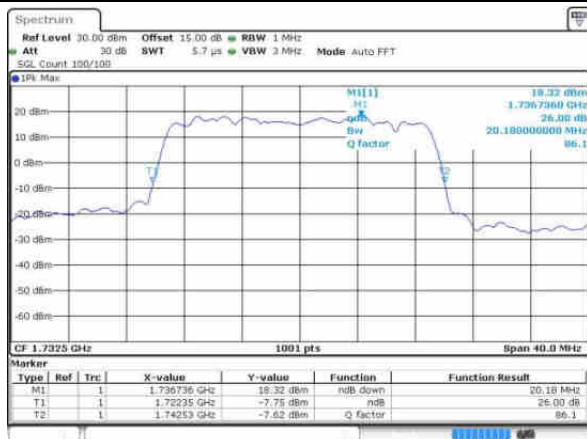
Date: 4 FEB 2016 11:18:41

Lowest Channel / 20MHz / 16QAM



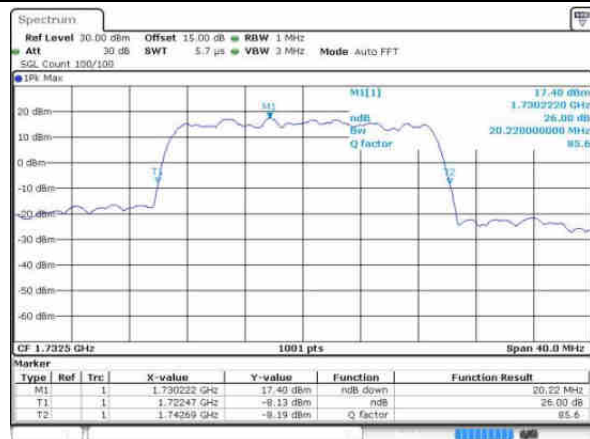
Date: 4 FEB 2016 11:18:51

Middle Channel / 20MHz / QPSK



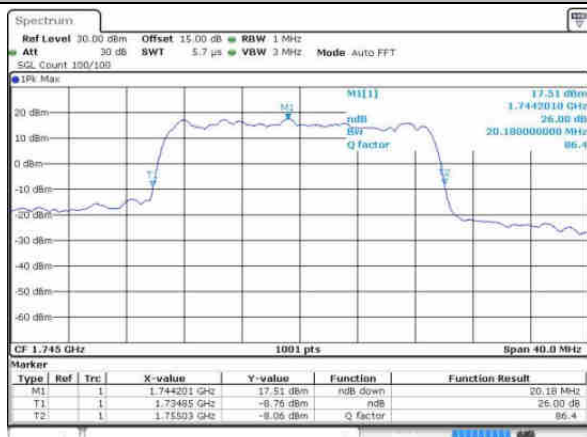
Date: 4 FEB 2016 11:25:47

Middle Channel / 20MHz / 16QAM



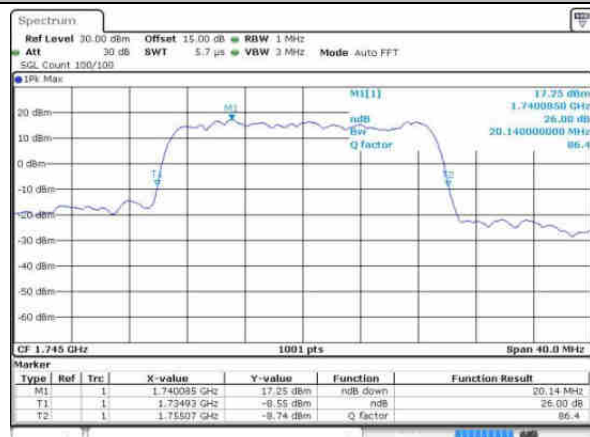
Date: 4 FEB 2016 11:25:57

Highest Channel / 20MHz / QPSK



Date: 4 FEB 2016 11:28:20

Highest Channel / 20MHz / 16QAM

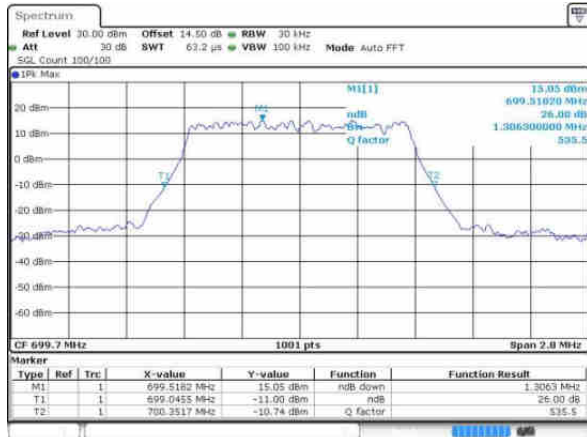


Date: 4 FEB 2016 11:28:31

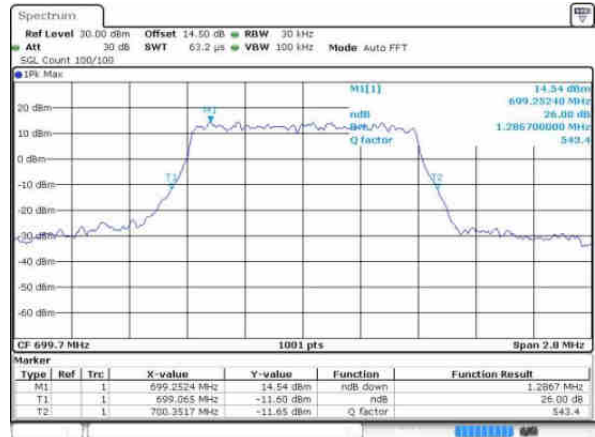


LTE Band 12

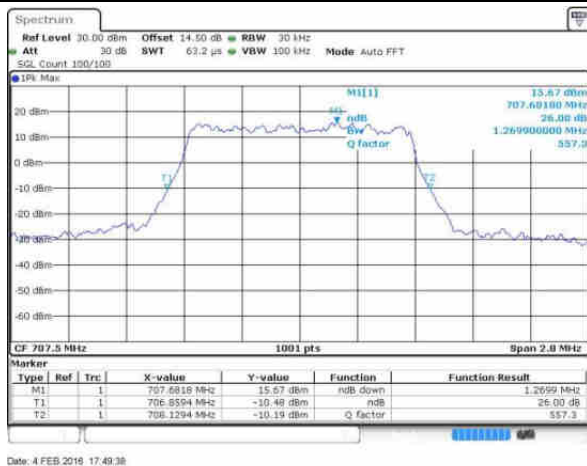
Lowest Channel / 1.4MHz / QPSK



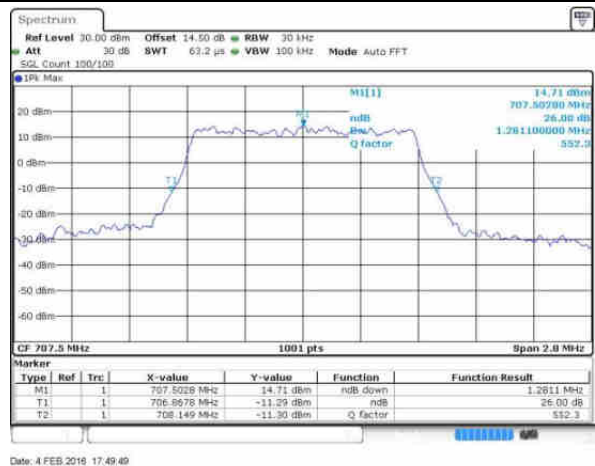
Lowest Channel / 1.4MHz / 16QAM



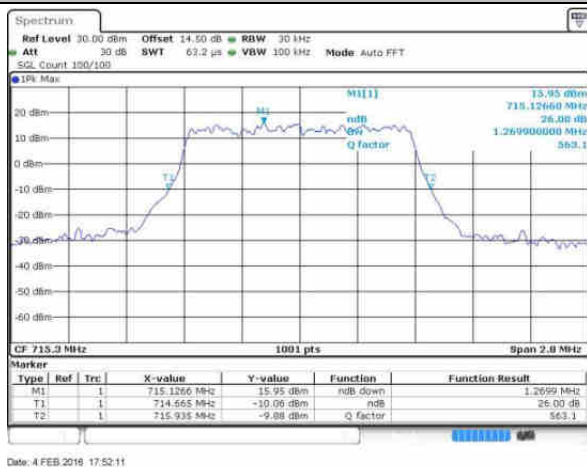
Middle Channel / 1.4MHz / QPSK



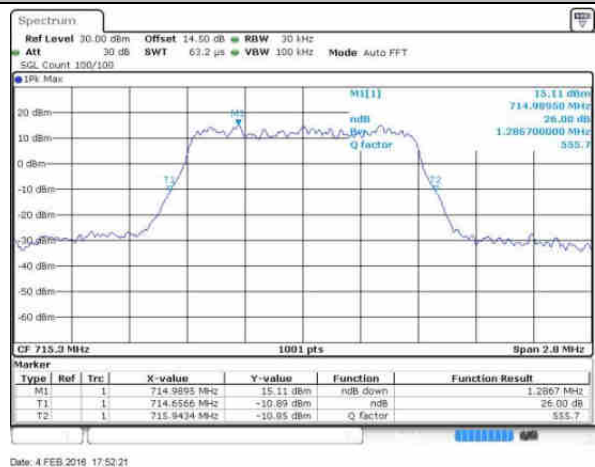
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



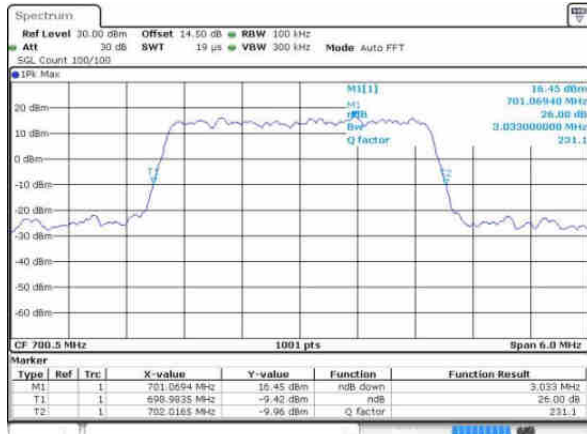
Highest Channel / 1.4MHz / 16QAM



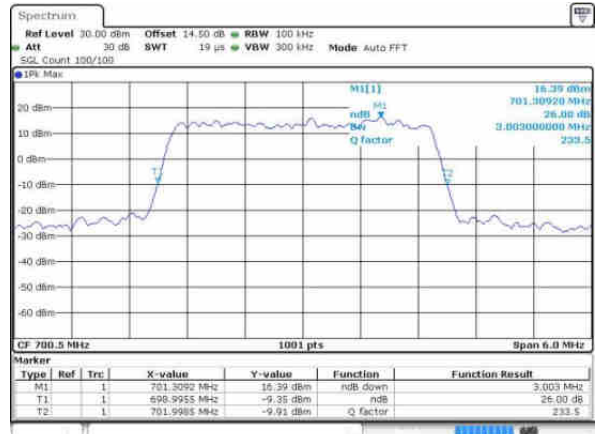


LTE Band 12

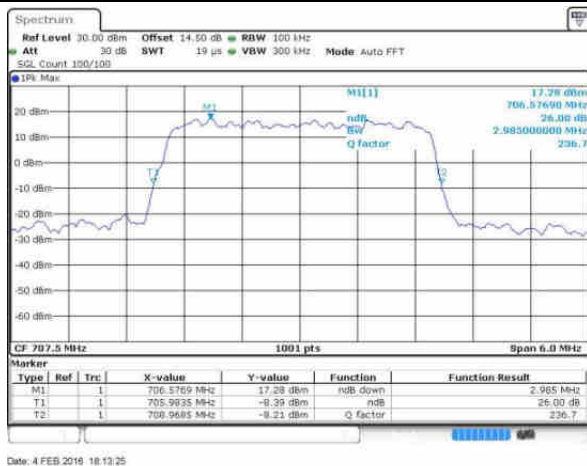
Lowest Channel / 3MHz / QPSK



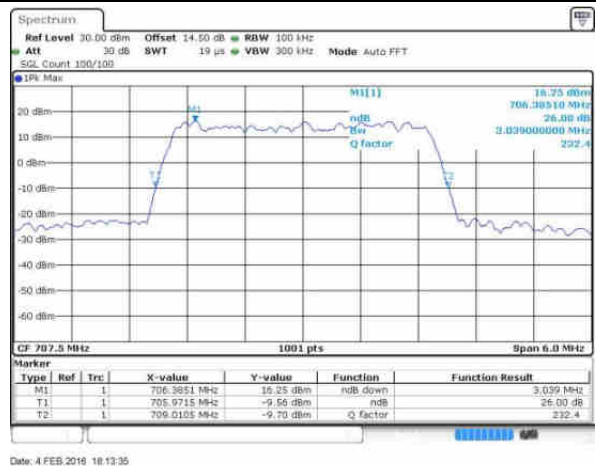
Lowest Channel / 3MHz / 16QAM



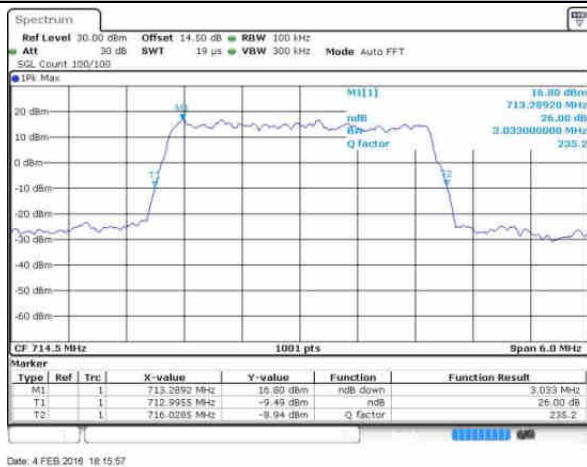
Middle Channel / 3MHz / QPSK



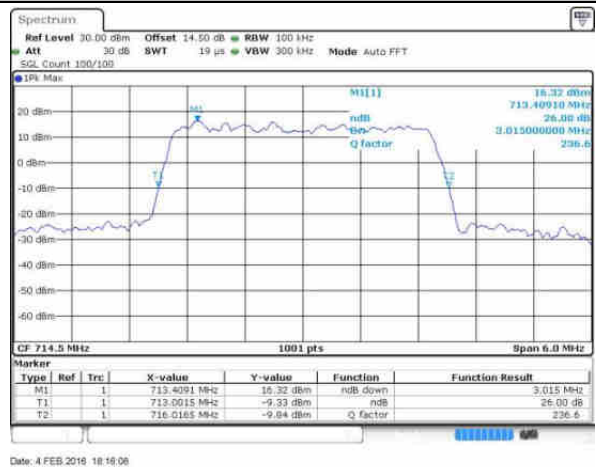
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



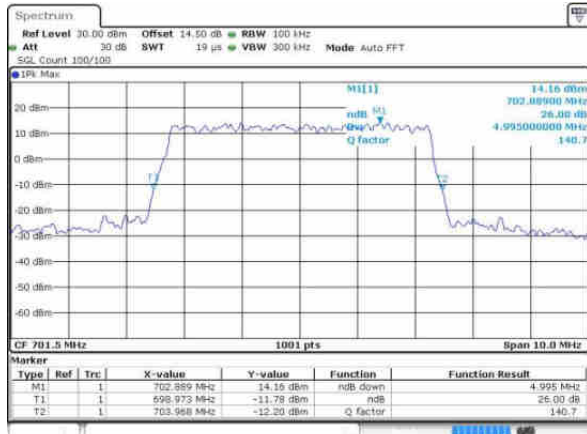
Highest Channel / 3MHz / 16QAM





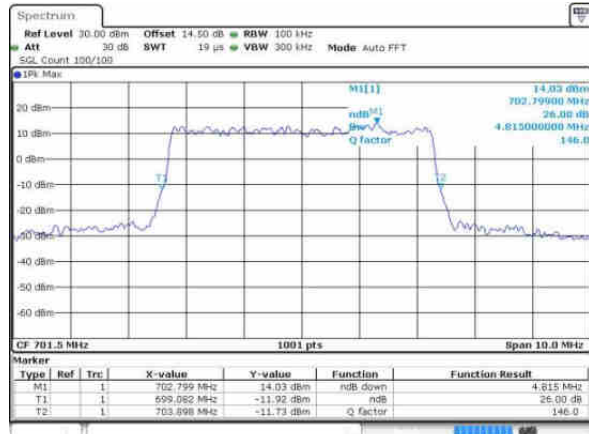
LTE Band 12

Lowest Channel / 5MHz / QPSK



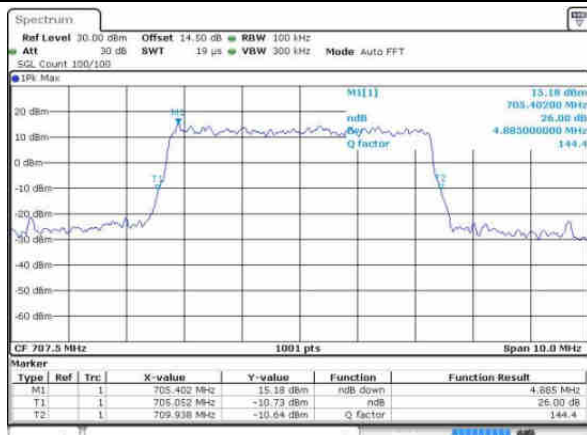
Date: 4 FEB 2016 18:26:35

Lowest Channel / 5MHz / 16QAM



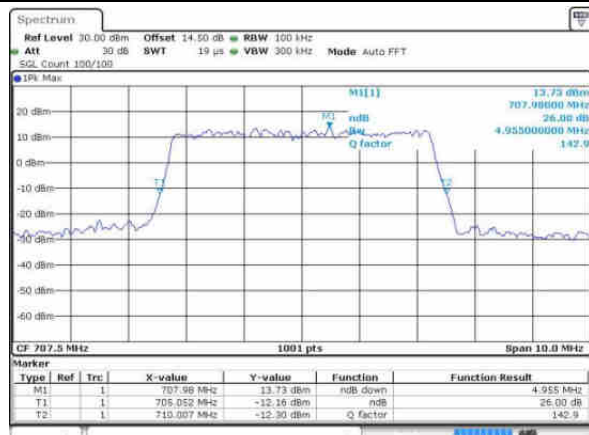
Date: 4 FEB 2016 18:26:45

Middle Channel / 5MHz / QPSK



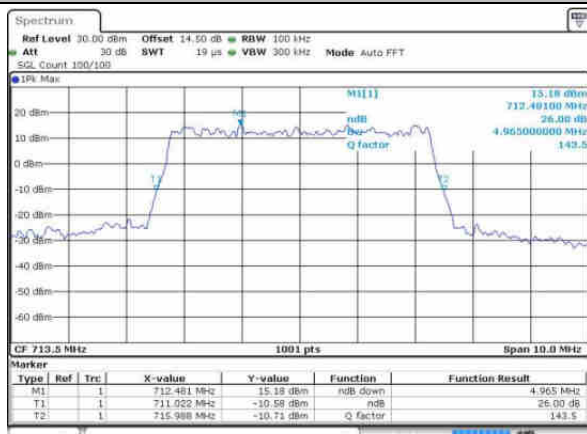
Date: 4 FEB 2016 18:37:12

Middle Channel / 5MHz / 16QAM



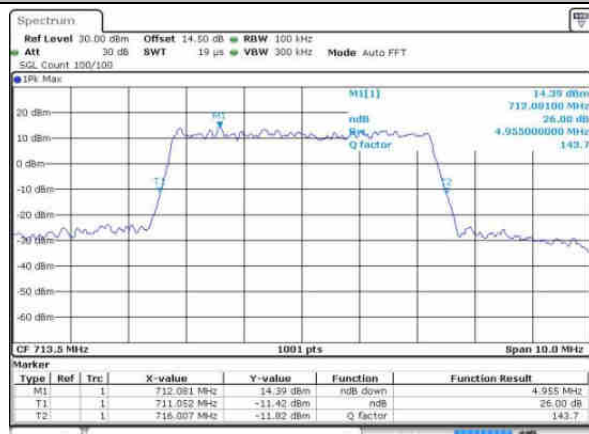
Date: 4 FEB 2016 18:37:22

Highest Channel / 5MHz / QPSK



Date: 4 FEB 2016 18:39:45

Highest Channel / 5MHz / 16QAM

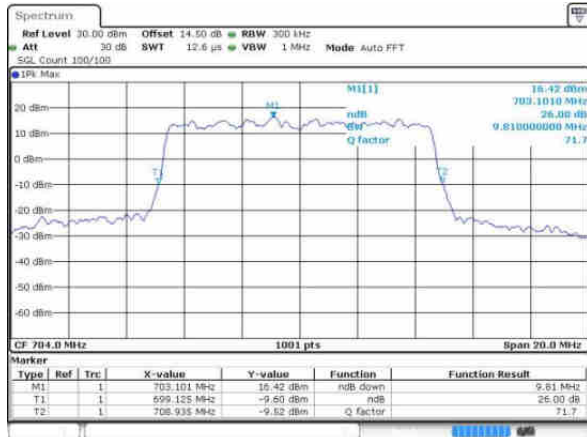


Date: 4 FEB 2016 18:39:55

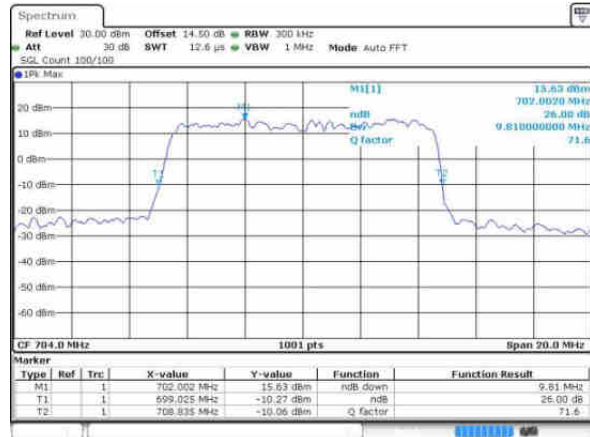


LTE Band 12

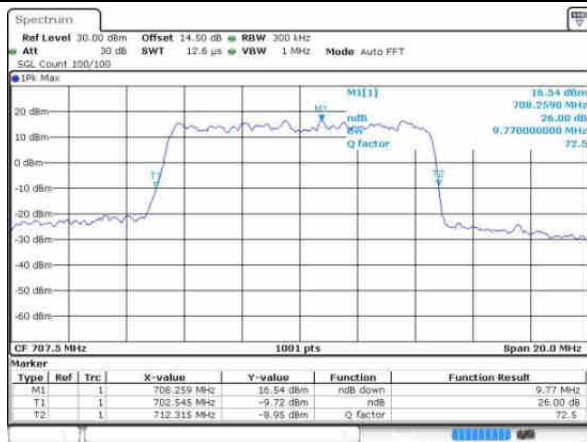
Lowest Channel / 10MHz / QPSK



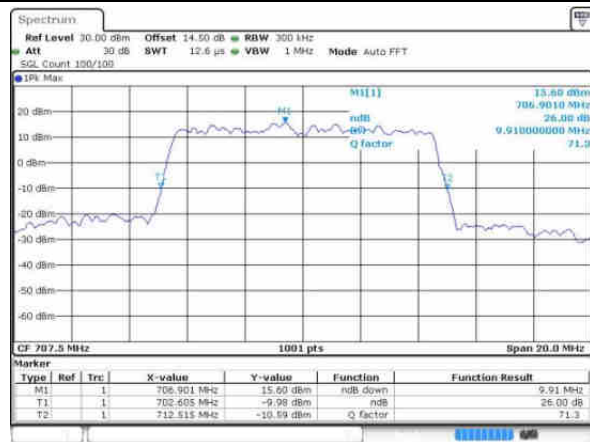
Lowest Channel / 10MHz / 16QAM



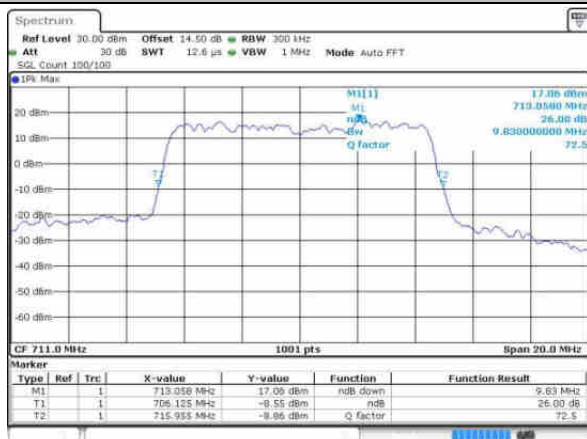
Middle Channel / 10MHz / QPSK



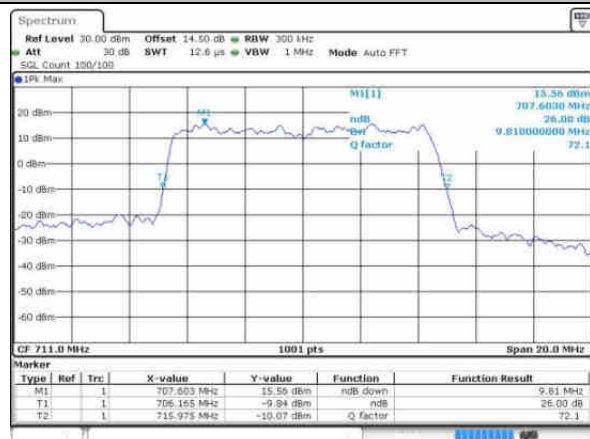
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



**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	1.10	2.72	2.73	4.50	4.51	9.03	8.97	13.49	13.43	18.50	18.46
Middle CH	1.09	1.10	2.71	2.72	4.49	4.49	9.03	9.01	13.40	13.40	18.34	18.26
Highest CH	1.09	1.09	2.70	2.72	4.48	4.50	9.03	8.99	13.34	13.43	18.42	18.38

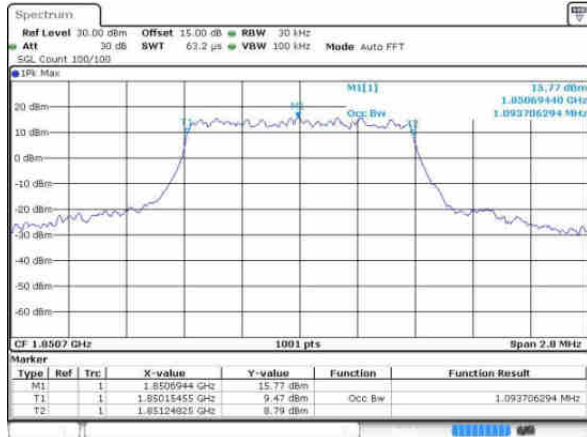
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.74	4.50	4.50	8.99	9.01	13.49	13.49	18.42	18.38
Middle CH	1.09	1.09	2.72	2.74	4.48	4.50	9.01	9.01	13.46	13.43	18.30	18.42
Highest CH	1.10	1.10	2.70	2.74	4.52	4.50	9.03	8.97	13.46	13.46	18.42	18.34

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	1.10	1.10	2.72	2.73	4.50	4.50	9.03	9.05	-	-	-	-
Middle CH	1.08	1.09	2.71	2.72	4.50	4.50	9.03	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.73	4.49	4.50	9.03	8.97	-	-	-	-

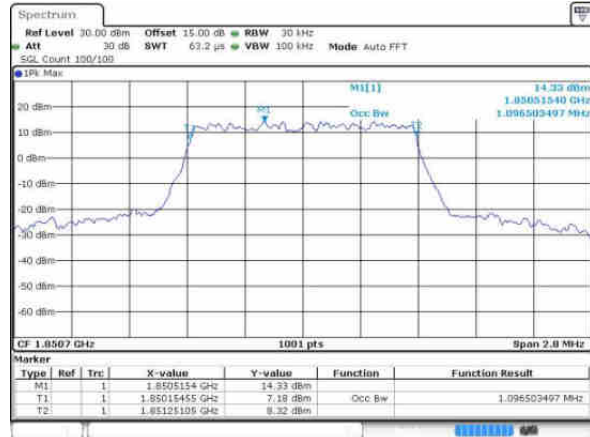


LTE Band 2

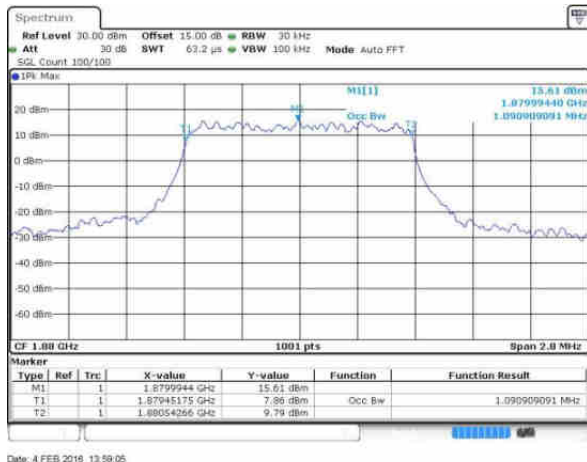
Lowest Channel / 1.4MHz / QPSK



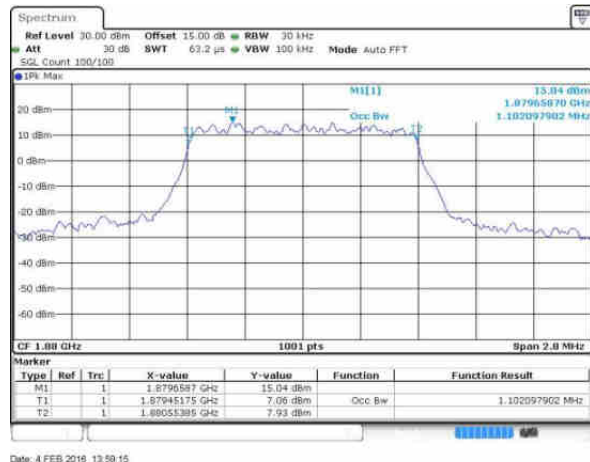
Lowest Channel / 1.4MHz / 16QAM



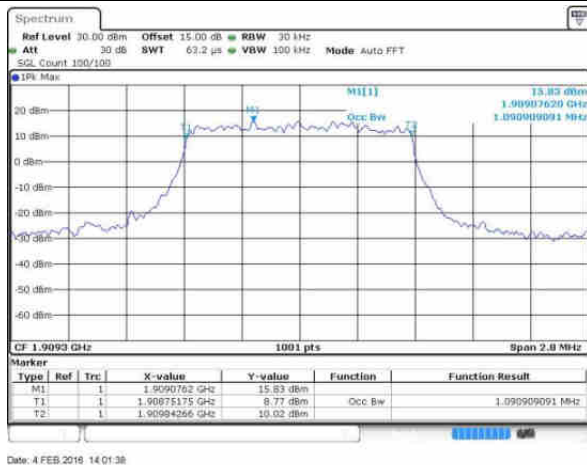
Middle Channel / 1.4MHz / QPSK



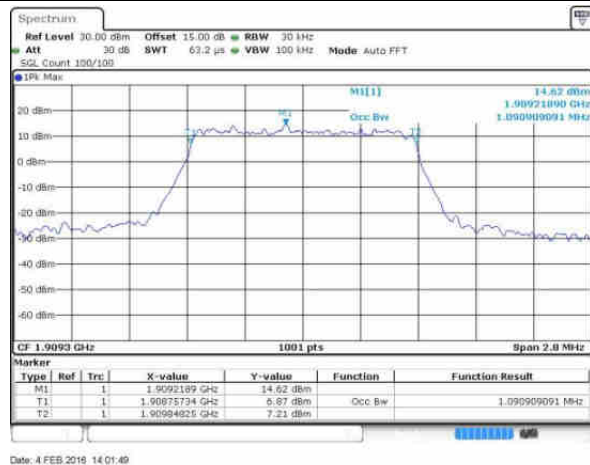
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



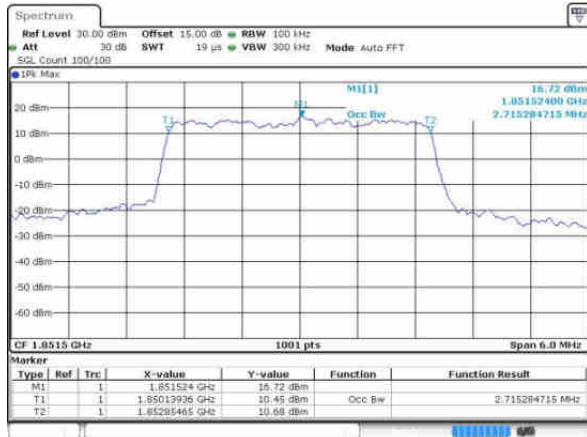
Highest Channel / 1.4MHz / 16QAM



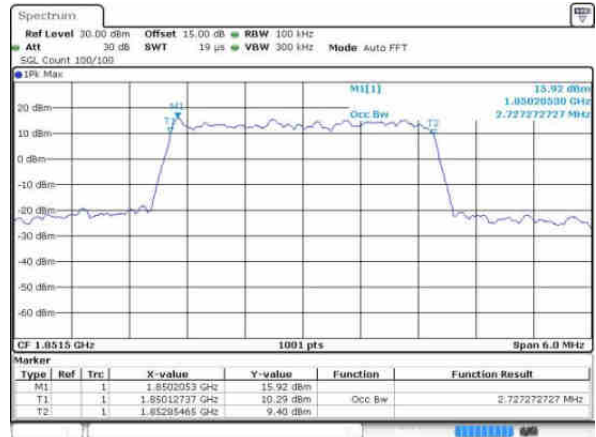


LTE Band 2

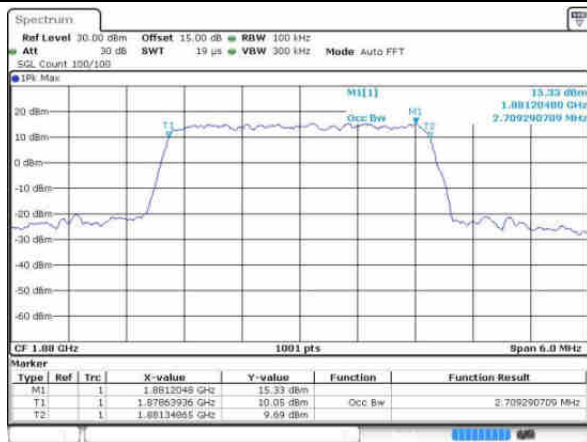
Lowest Channel / 3MHz / QPSK



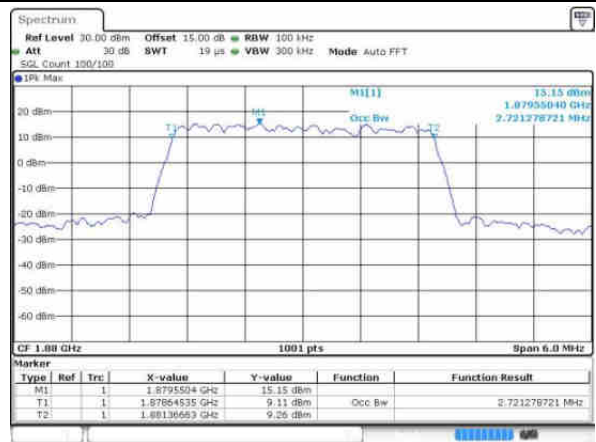
Lowest Channel / 3MHz / 16QAM



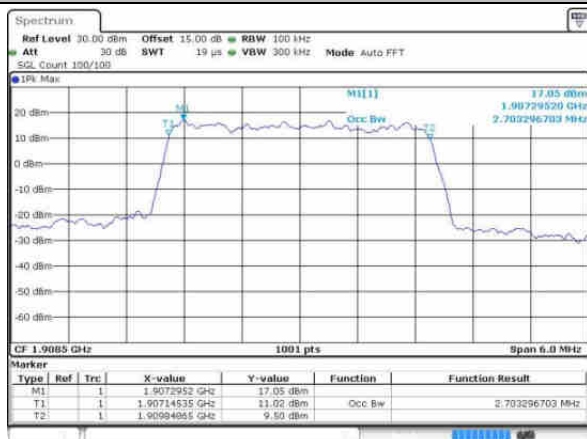
Middle Channel / 3MHz / QPSK



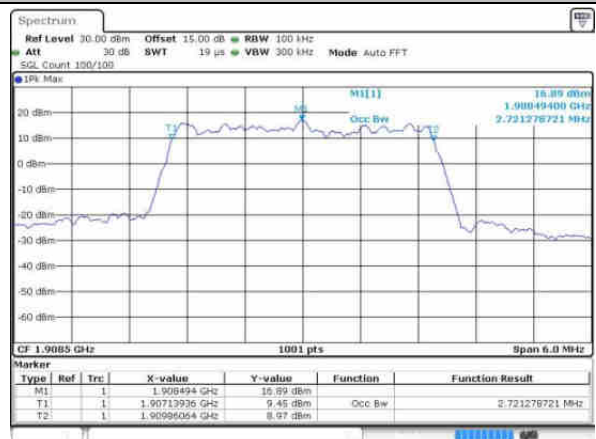
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



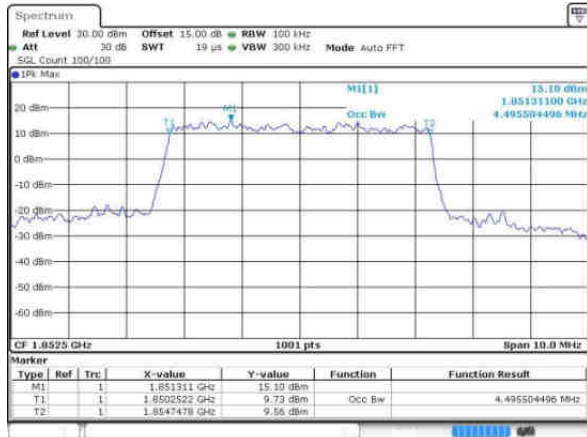
Highest Channel / 3MHz / 16QAM



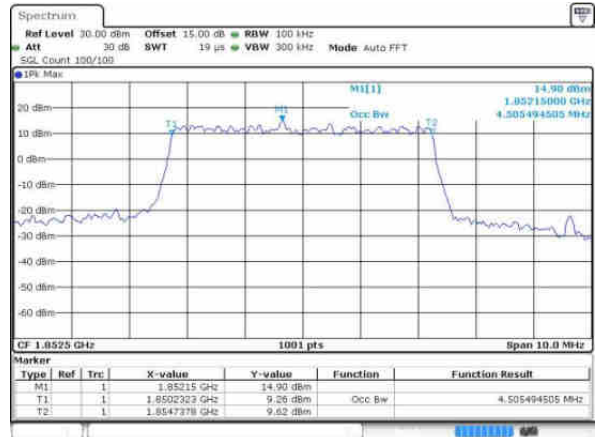


LTE Band 2

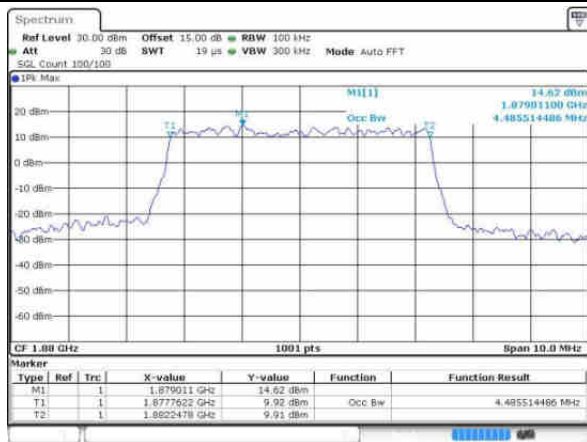
Lowest Channel / 5MHz / QPSK



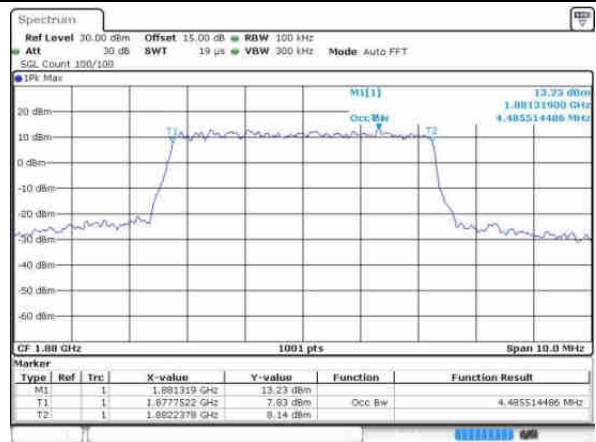
Lowest Channel / 5MHz / 16QAM



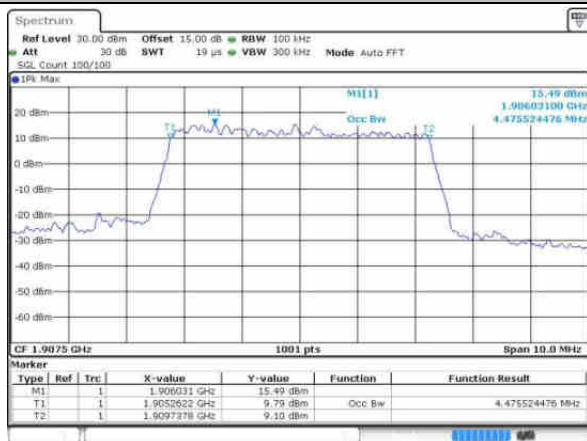
Middle Channel / 5MHz / QPSK



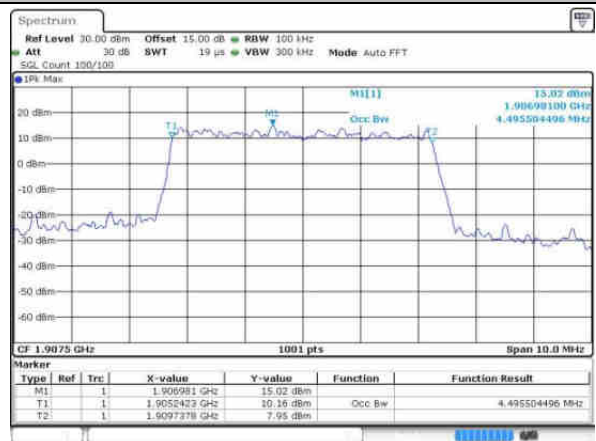
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



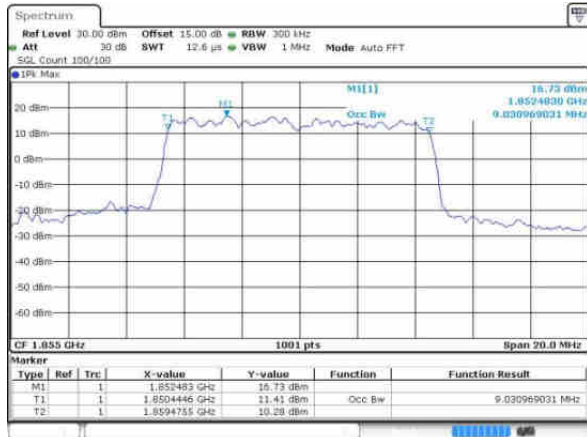
Highest Channel / 5MHz / 16QAM



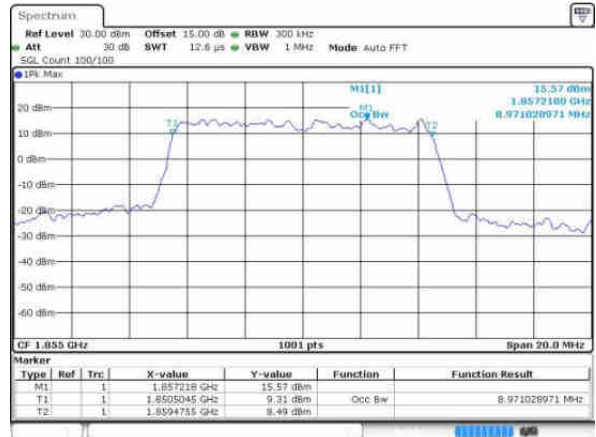


LTE Band 2

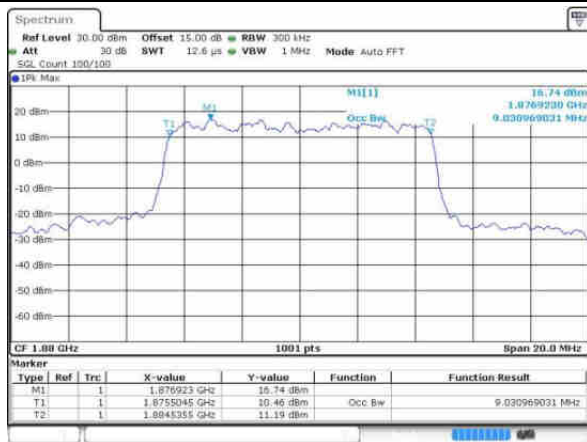
Lowest Channel / 10MHz / QPSK



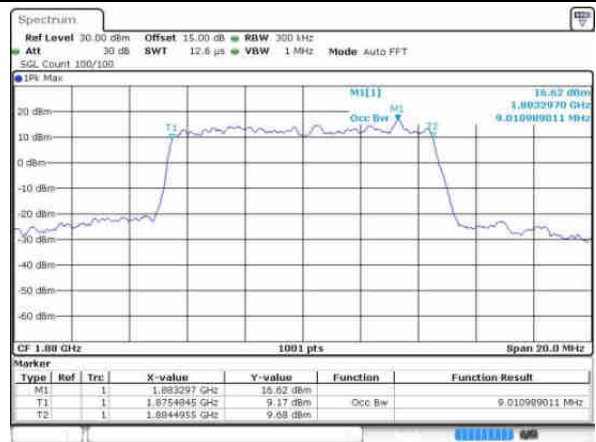
Lowest Channel / 10MHz / 16QAM



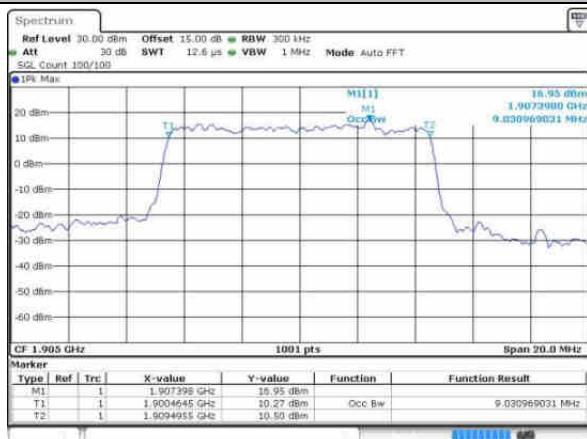
Middle Channel / 10MHz / QPSK



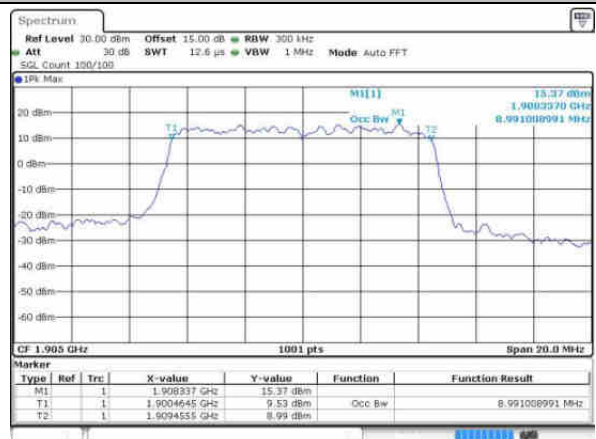
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



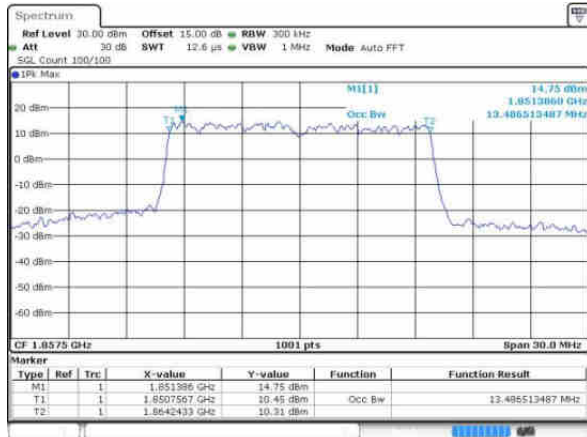
Highest Channel / 10MHz / 16QAM





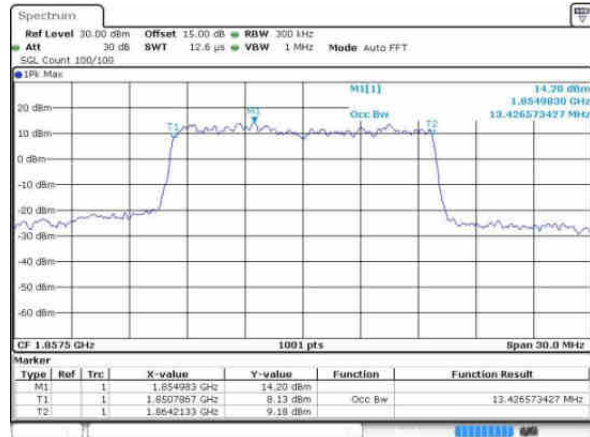
LTE Band 2

Lowest Channel / 15MHz / QPSK



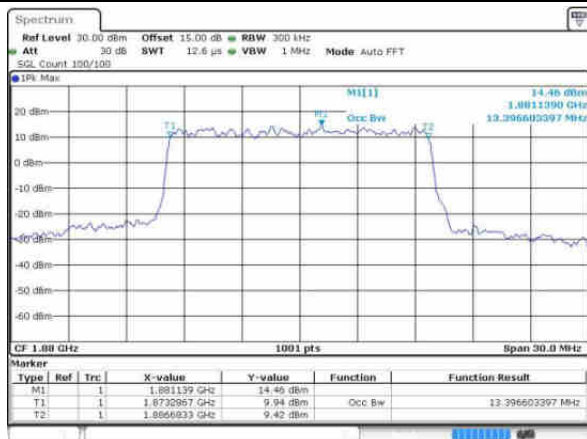
Date: 4 FEB 2016 15:05:19

Lowest Channel / 15MHz / 16QAM



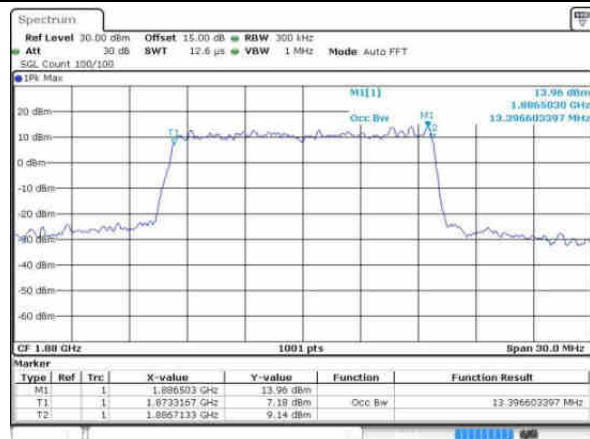
Date: 4 FEB 2016 15:05:30

Middle Channel / 15MHz / QPSK



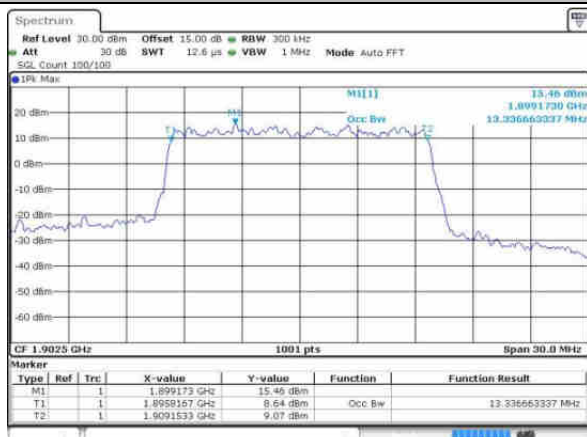
Date: 4 FEB 2016 15:12:26

Middle Channel / 15MHz / 16QAM



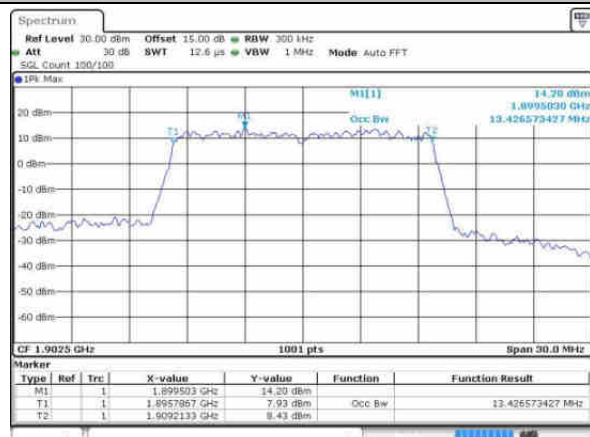
Date: 4 FEB 2016 15:12:37

Highest Channel / 15MHz / QPSK



Date: 4 FEB 2016 15:15:01

Highest Channel / 15MHz / 16QAM

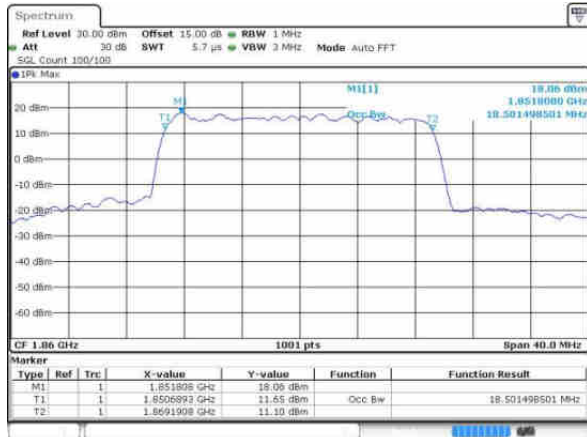


Date: 4 FEB 2016 15:15:12



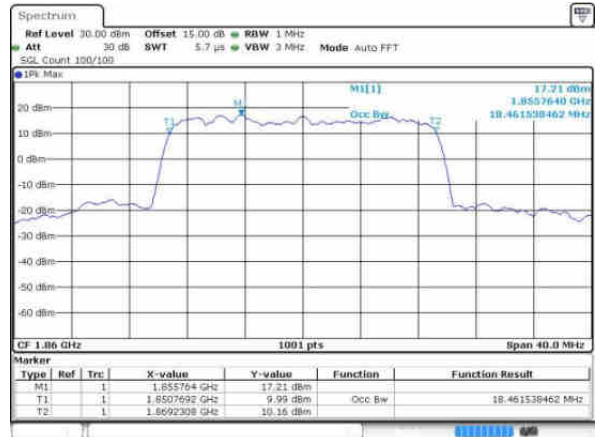
LTE Band 2

Lowest Channel / 20MHz / QPSK



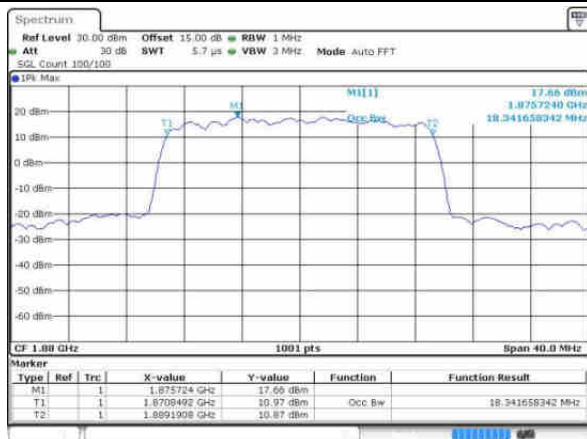
Date: 4 FEB 2016 15:22:08

Lowest Channel / 20MHz / 16QAM



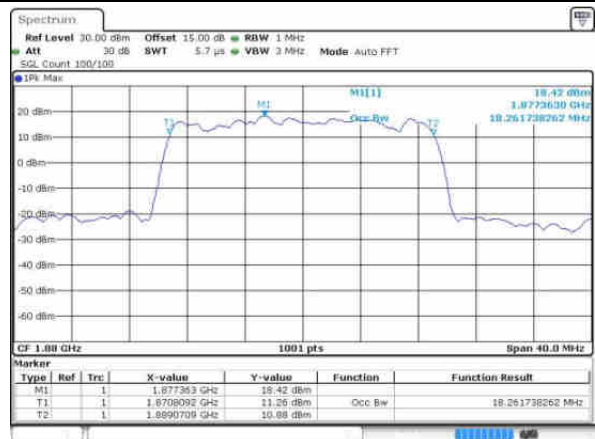
Date: 4 FEB 2016 15:22:19

Middle Channel / 20MHz / QPSK



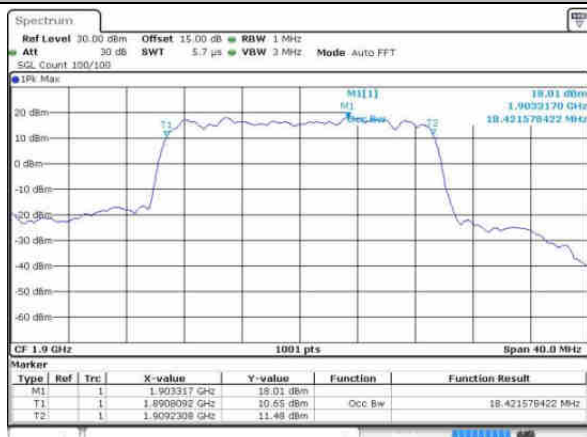
Date: 4 FEB 2016 15:29:14

Middle Channel / 20MHz / 16QAM



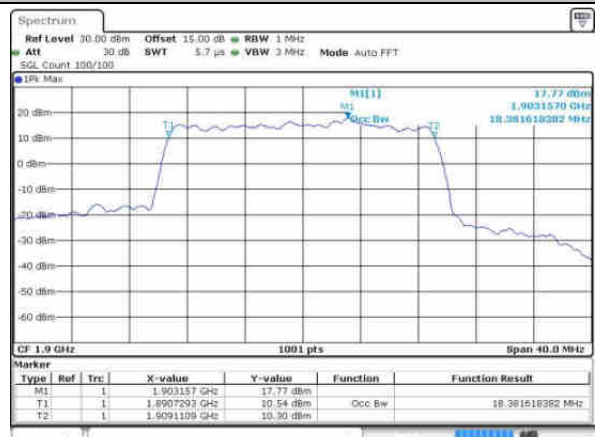
Date: 4 FEB 2016 15:29:25

Highest Channel / 20MHz / QPSK



Date: 4 FEB 2016 15:31:48

Highest Channel / 20MHz / 16QAM

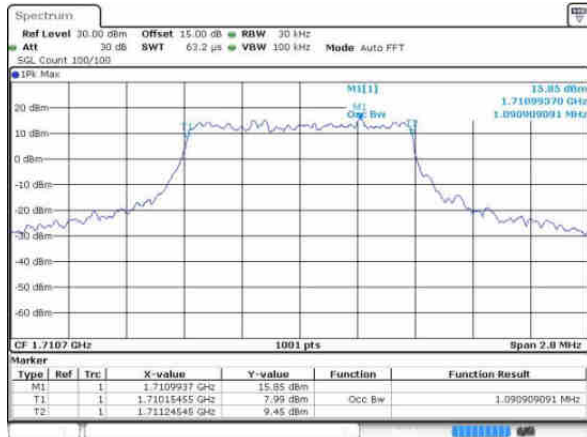


Date: 4 FEB 2016 15:32:00



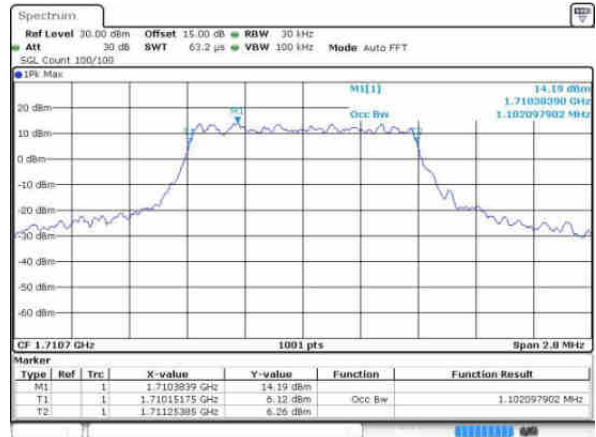
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



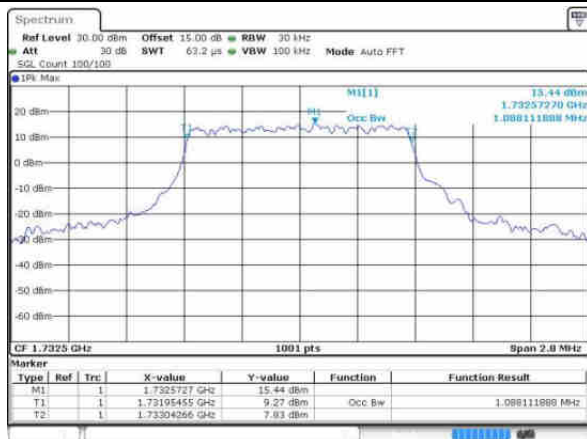
Date: 4 FEB 2016 09:54:35

Lowest Channel / 1.4MHz / 16QAM



Date: 4 FEB 2016 09:54:45

Middle Channel / 1.4MHz / QPSK



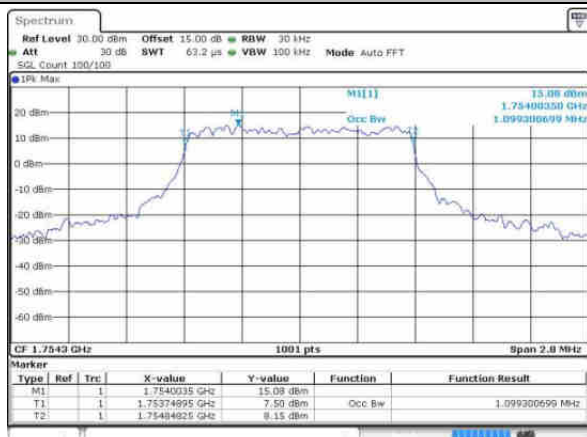
Date: 4 FEB 2016 10:01:40

Middle Channel / 1.4MHz / 16QAM



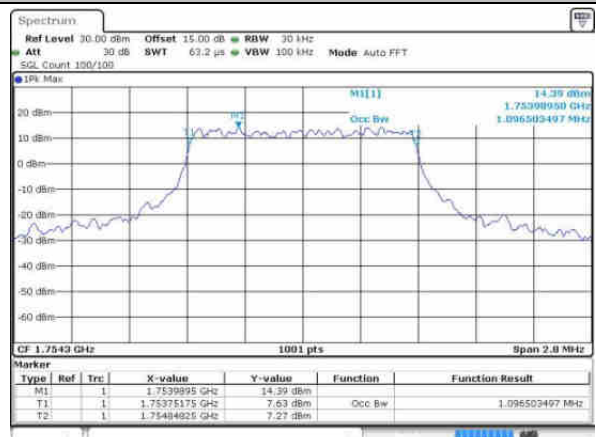
Date: 4 FEB 2016 10:01:51

Highest Channel / 1.4MHz / QPSK



Date: 4 FEB 2016 10:04:14

Highest Channel / 1.4MHz / 16QAM

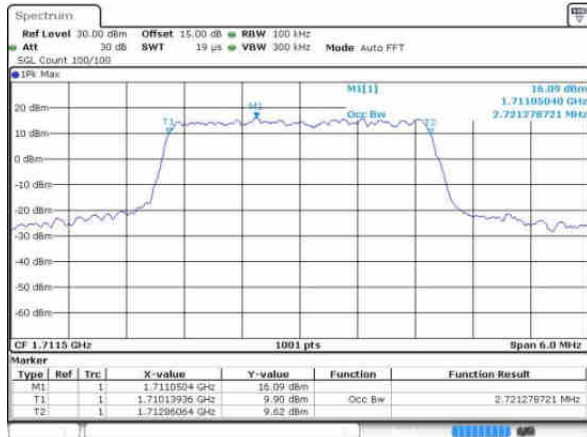


Date: 4 FEB 2016 10:04:25

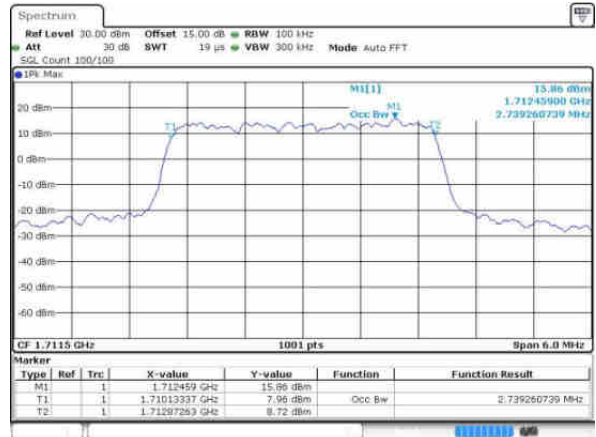


LTE Band 4

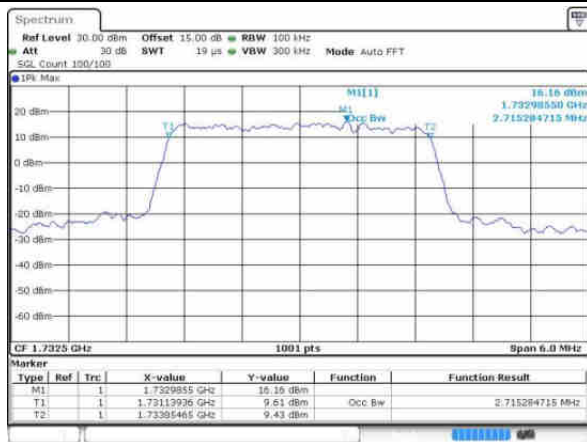
Lowest Channel / 3MHz / QPSK



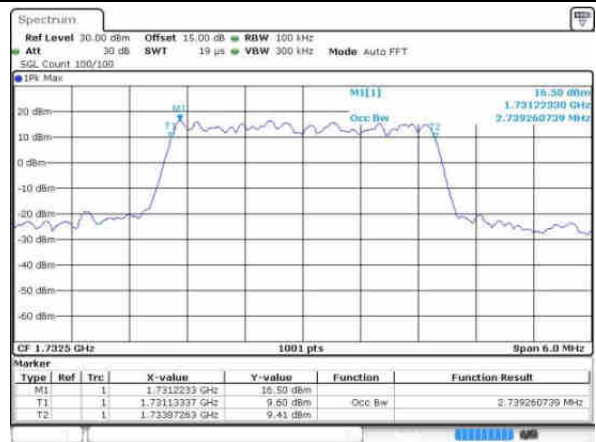
Lowest Channel / 3MHz / 16QAM



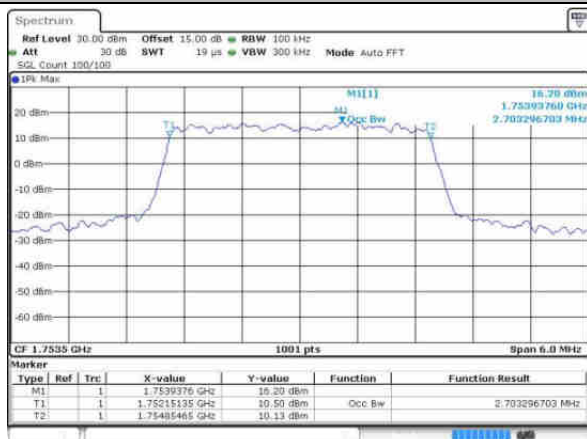
Middle Channel / 3MHz / QPSK



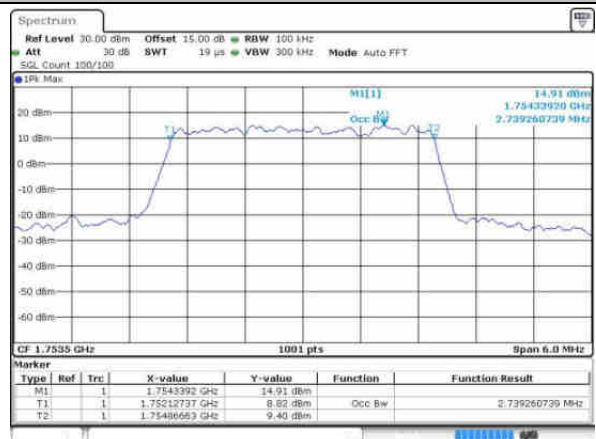
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



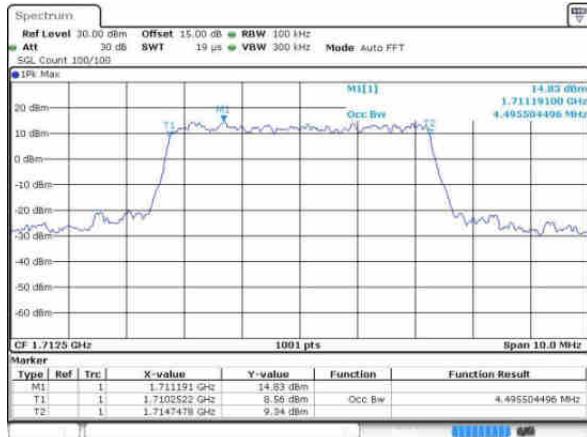
Highest Channel / 3MHz / 16QAM



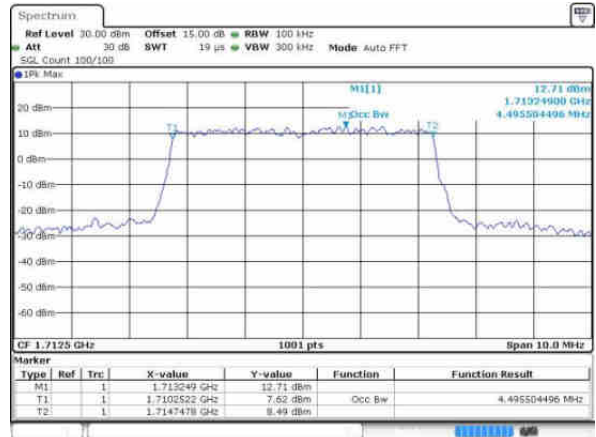


LTE Band 4

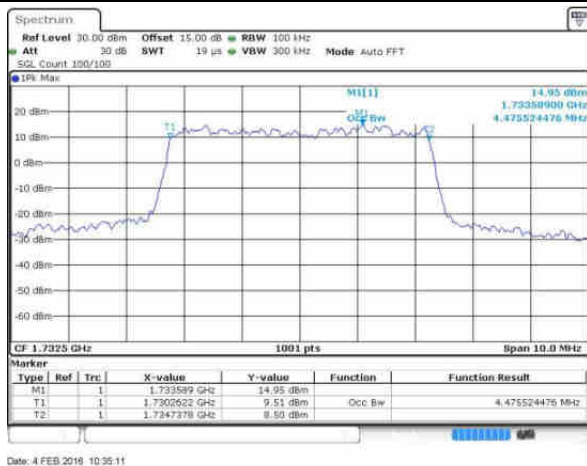
Lowest Channel / 5MHz / QPSK



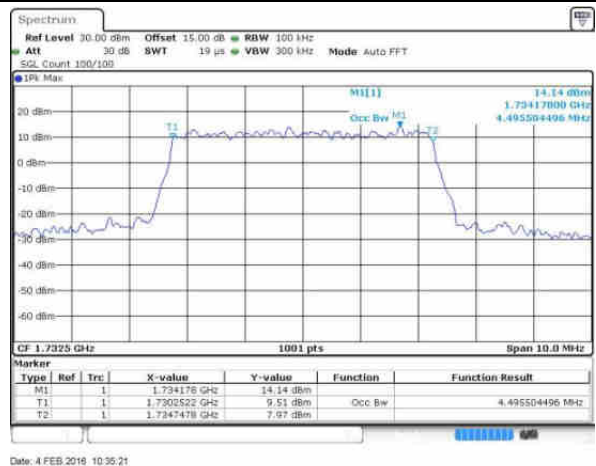
Lowest Channel / 5MHz / 16QAM



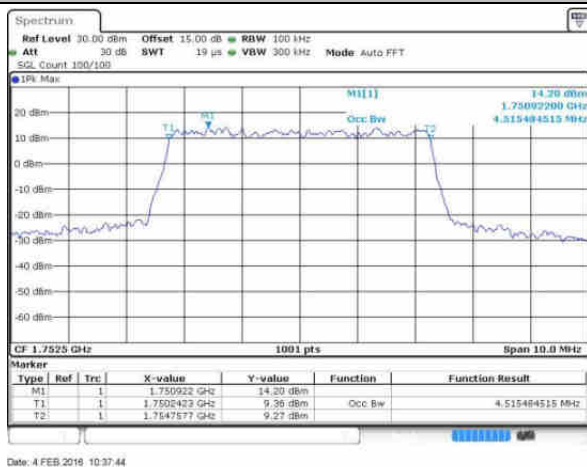
Middle Channel / 5MHz / QPSK



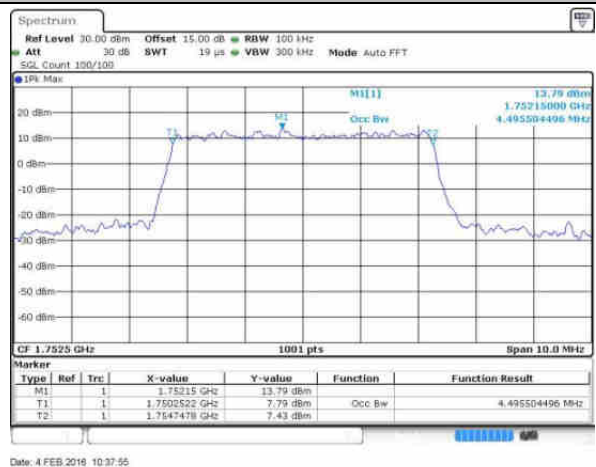
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



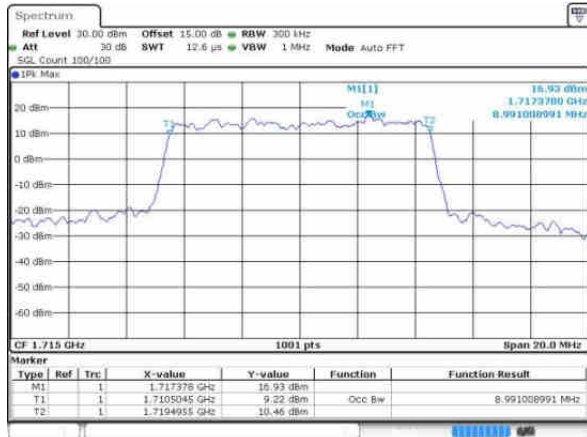
Highest Channel / 5MHz / 16QAM



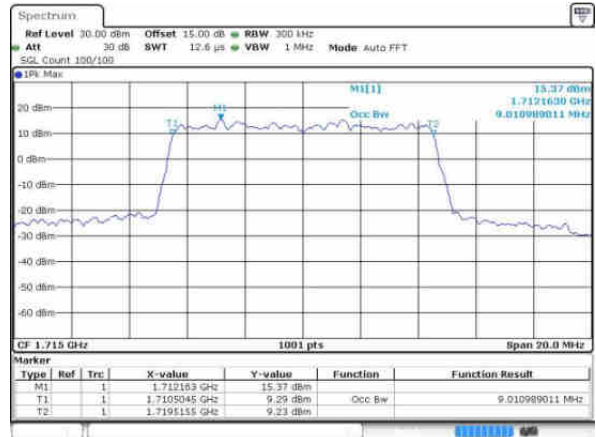


LTE Band 4

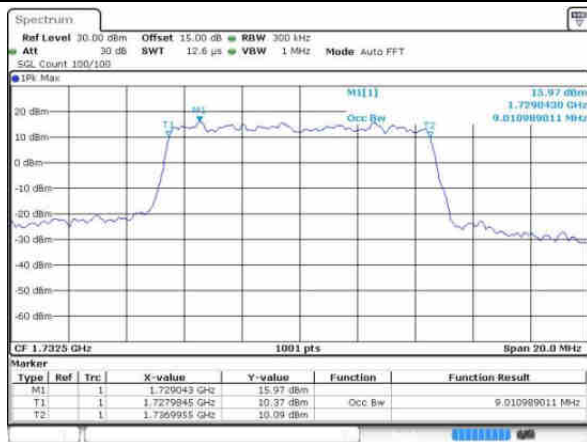
Lowest Channel / 10MHz / QPSK



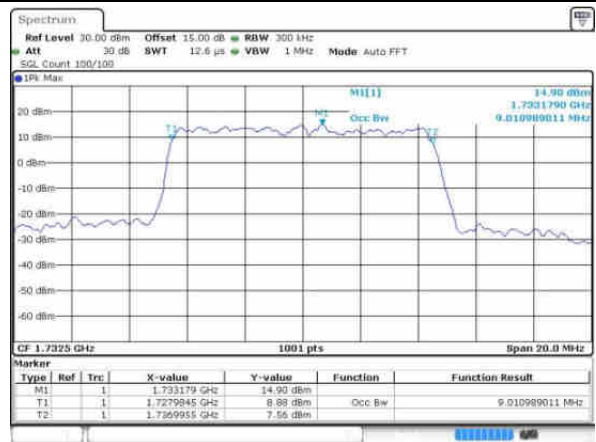
Lowest Channel / 10MHz / 16QAM



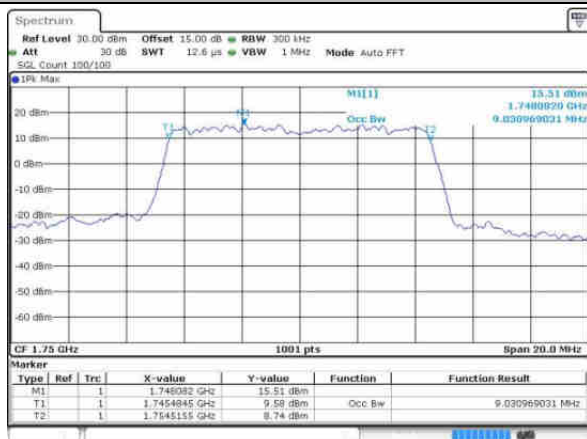
Middle Channel / 10MHz / QPSK



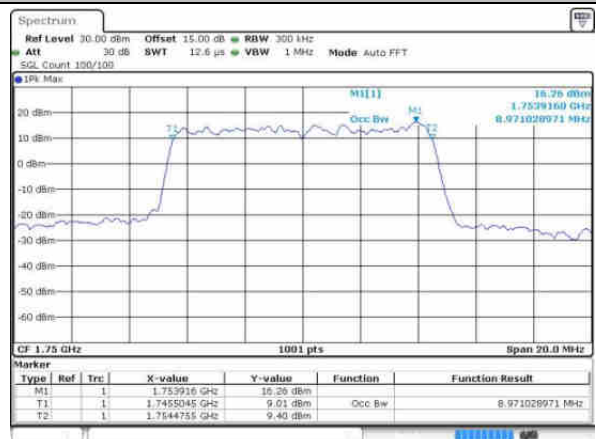
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

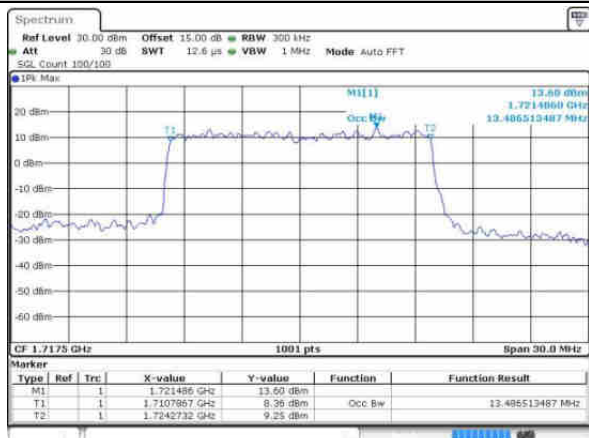


Highest Channel / 10MHz / 16QAM



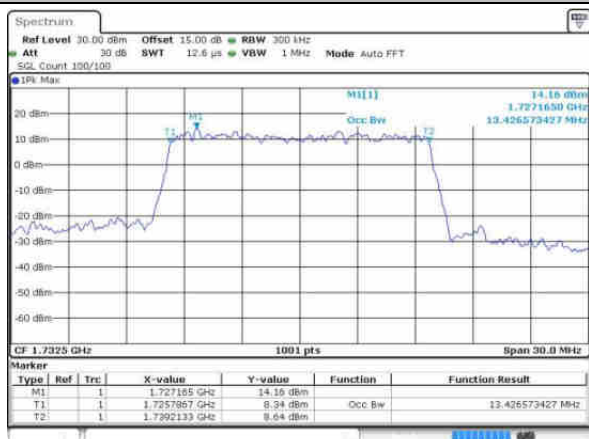


Lowest Channel / 15MHz / 16QAM



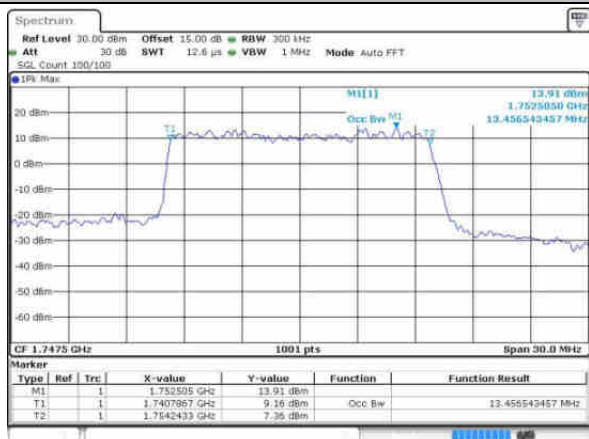
Date: 4 FEB 2016 11:01:45

Middle Channel / 15MHz / 16QAM



Date: 4 FEB 2016 11:08:51

Highest Channel / 15MHz / 16QAM

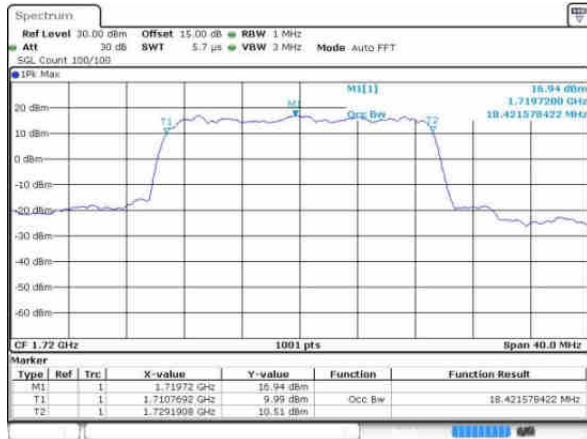


Date: 4 FEB 2016 11:11:25

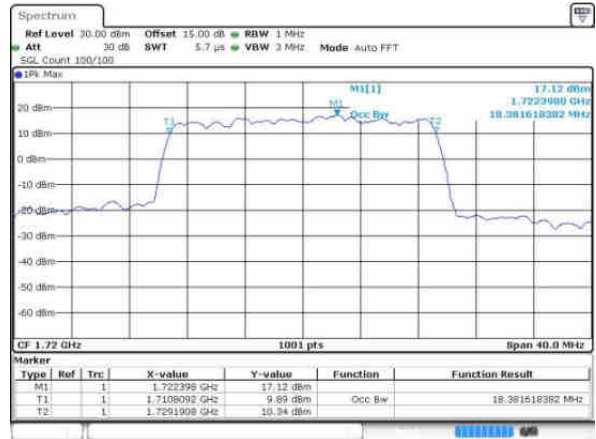


LTE Band 4

Lowest Channel / 20MHz / QPSK



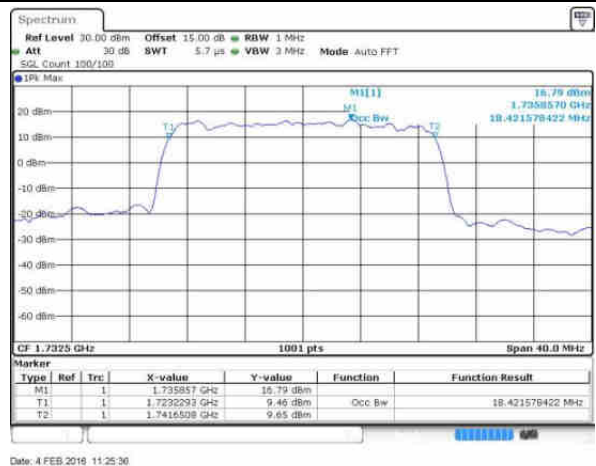
Lowest Channel / 20MHz / 16QAM



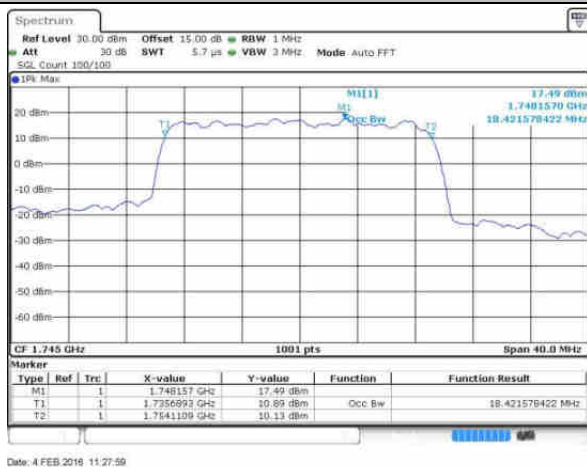
Middle Channel / 20MHz / QPSK



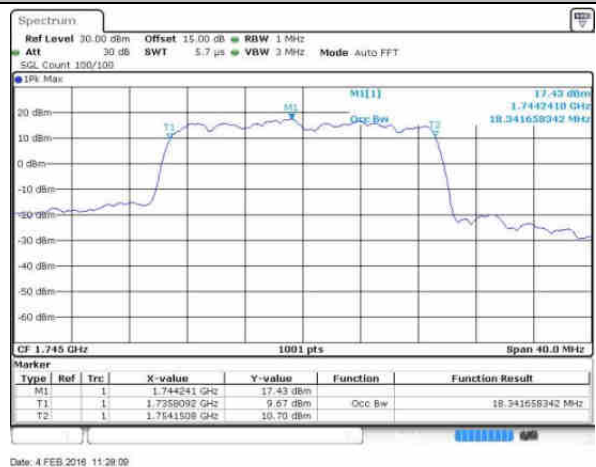
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



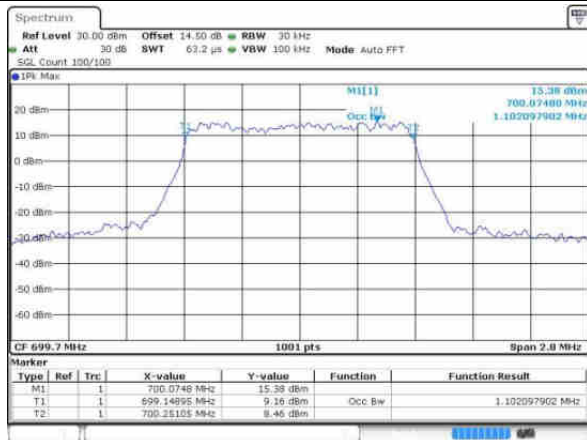
Highest Channel / 20MHz / 16QAM



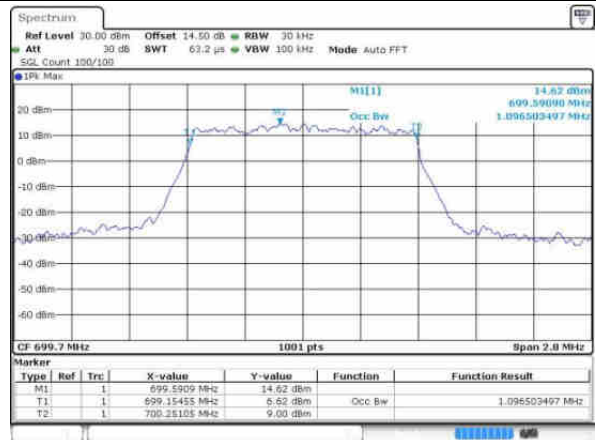


LTE Band 12

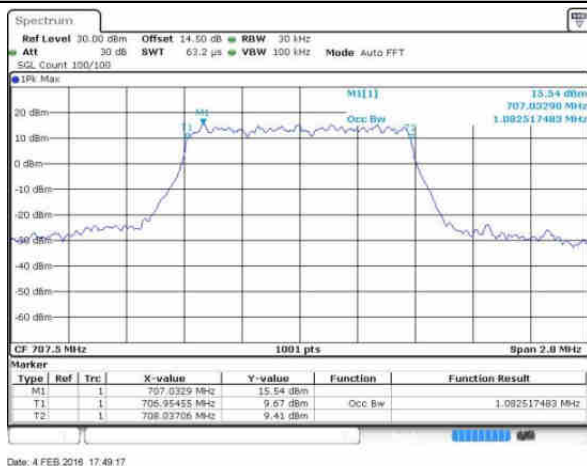
Lowest Channel / 1.4MHz / QPSK



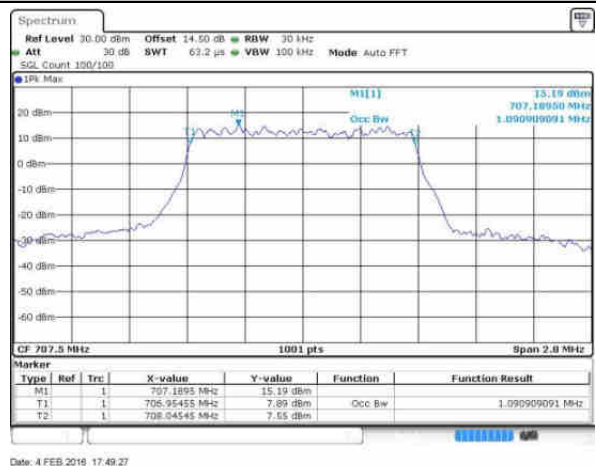
Lowest Channel / 1.4MHz / 16QAM



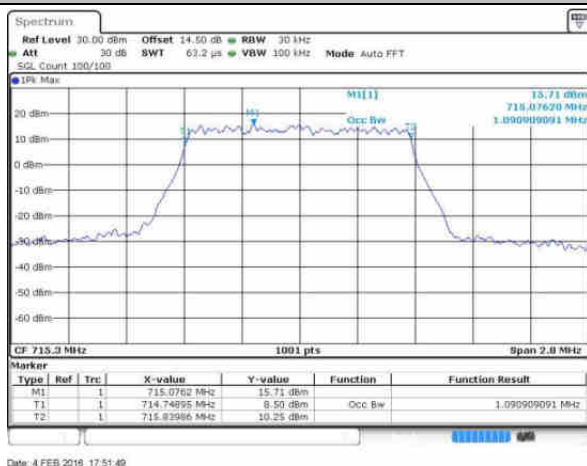
Middle Channel / 1.4MHz / QPSK



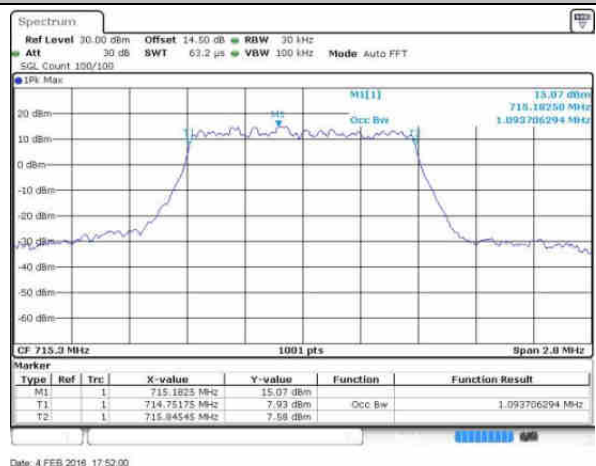
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



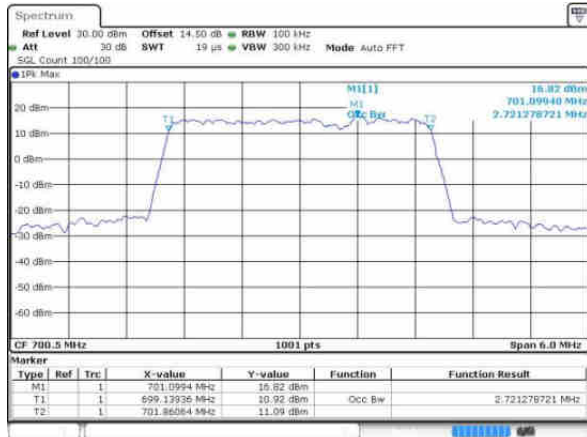
Highest Channel / 1.4MHz / 16QAM



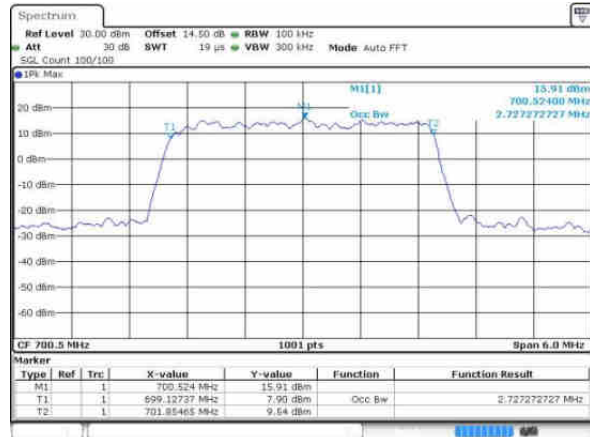


LTE Band 12

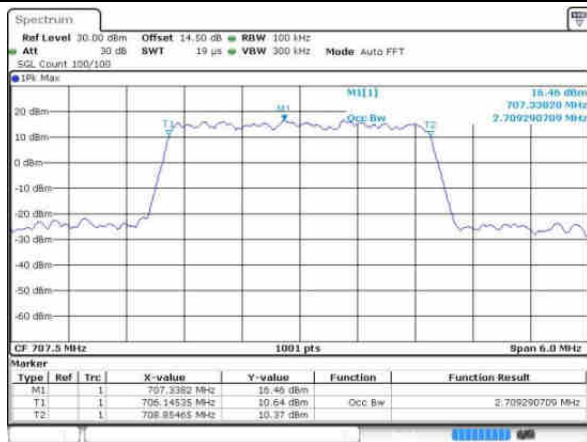
Lowest Channel / 3MHz / QPSK



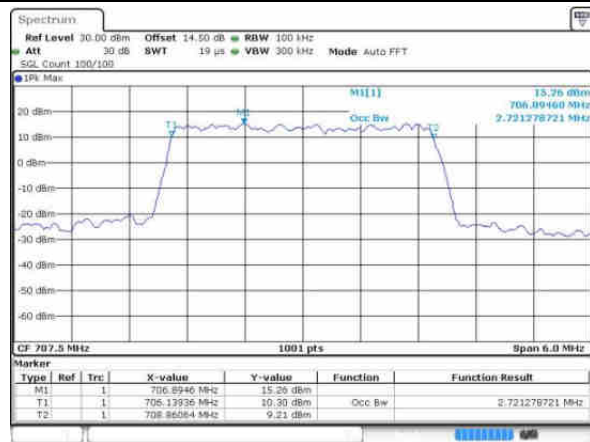
Lowest Channel / 3MHz / 16QAM



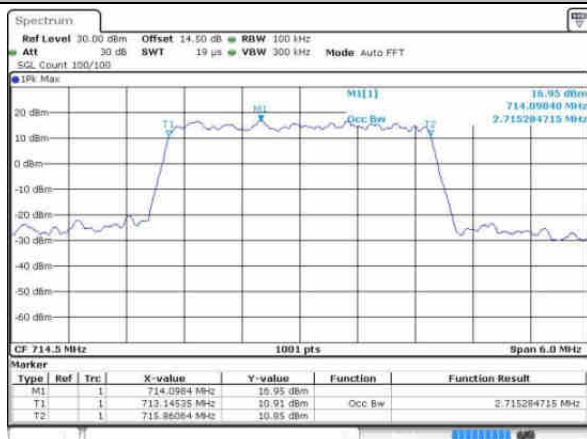
Middle Channel / 3MHz / QPSK



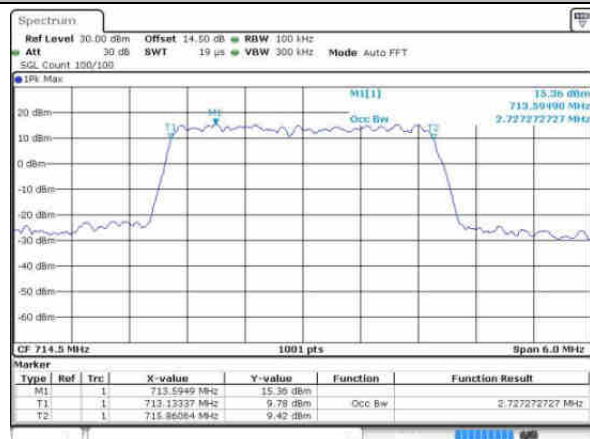
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



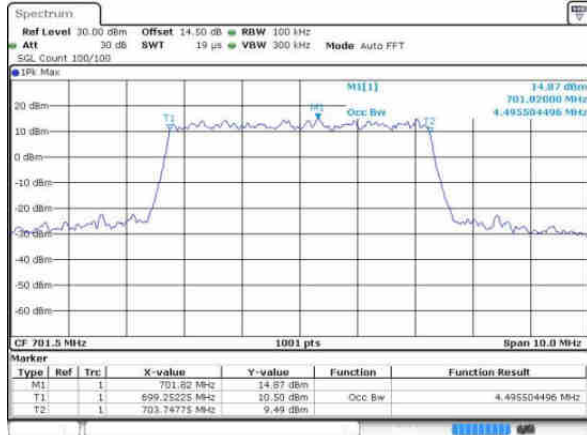
Highest Channel / 3MHz / 16QAM



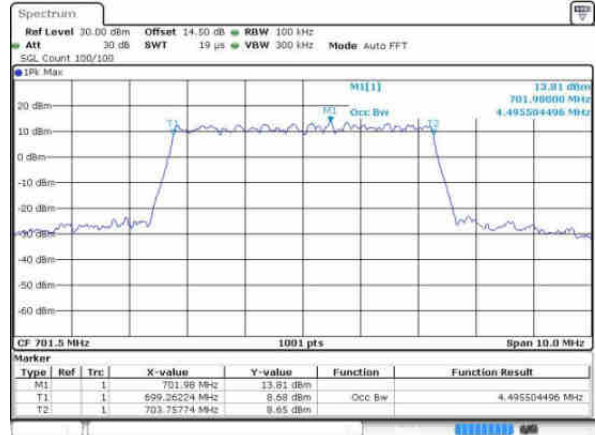


LTE Band 12

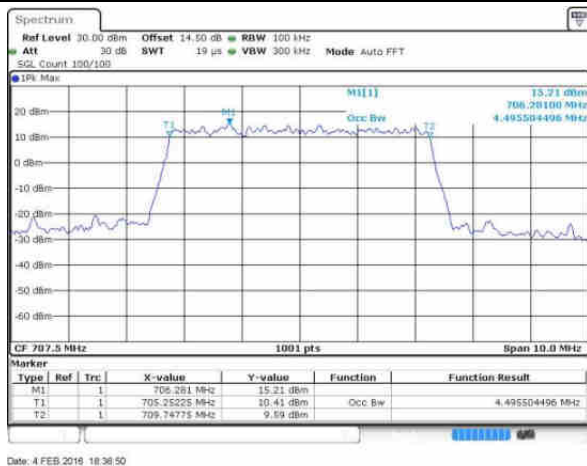
Lowest Channel / 5MHz / QPSK



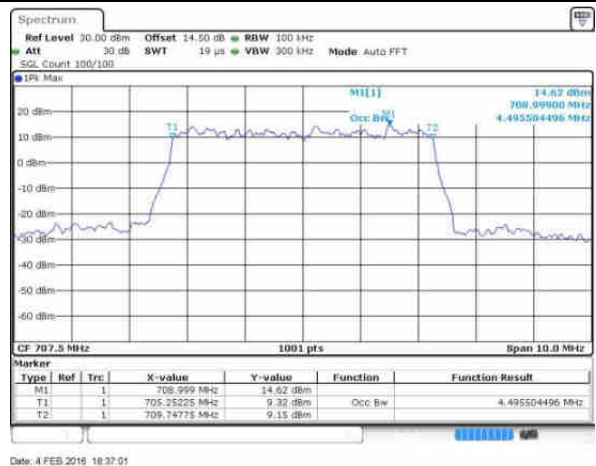
Lowest Channel / 5MHz / 16QAM



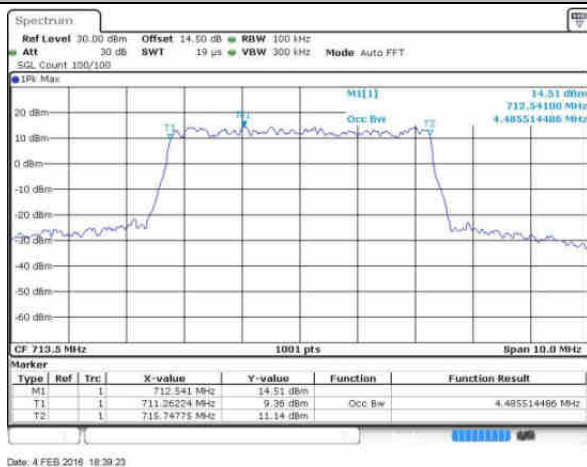
Middle Channel / 5MHz / QPSK



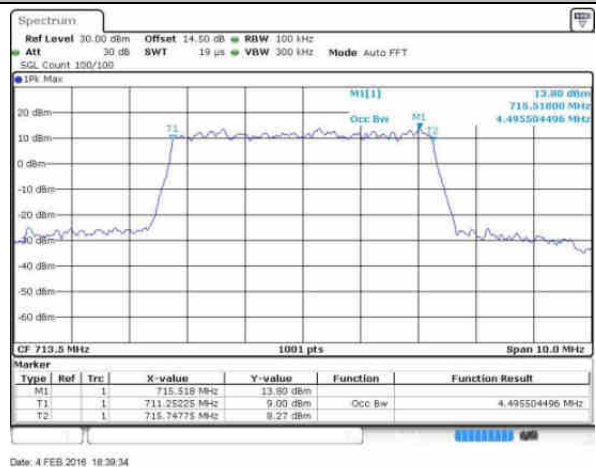
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



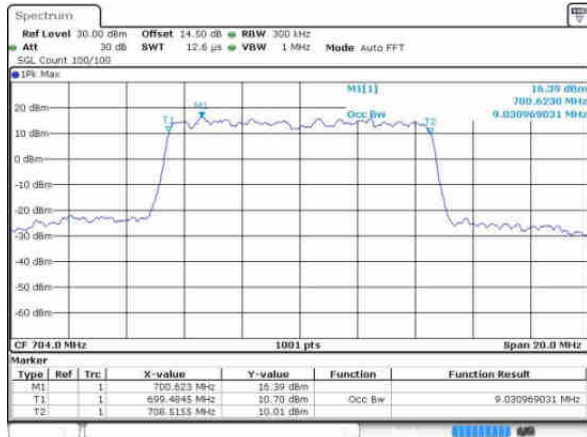
Highest Channel / 5MHz / 16QAM



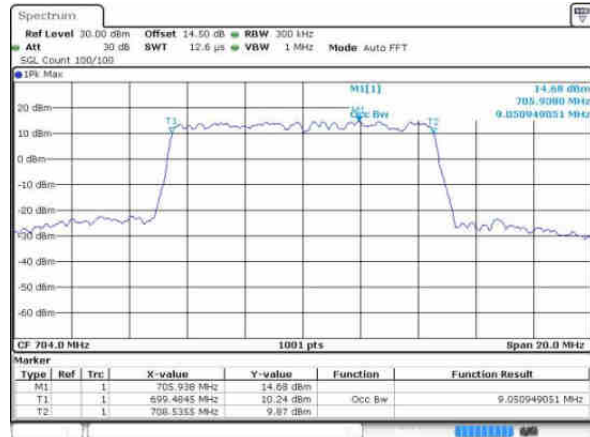


LTE Band 12

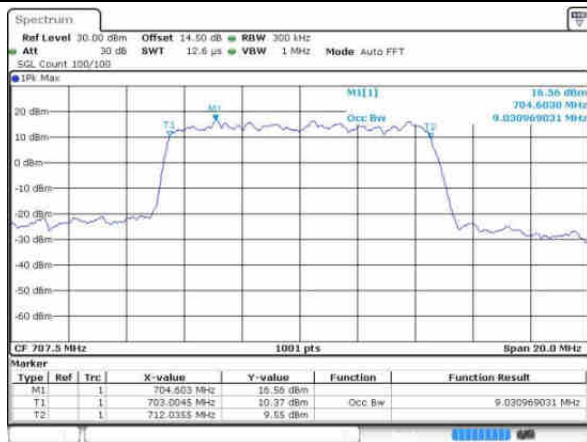
Lowest Channel / 10MHz / QPSK



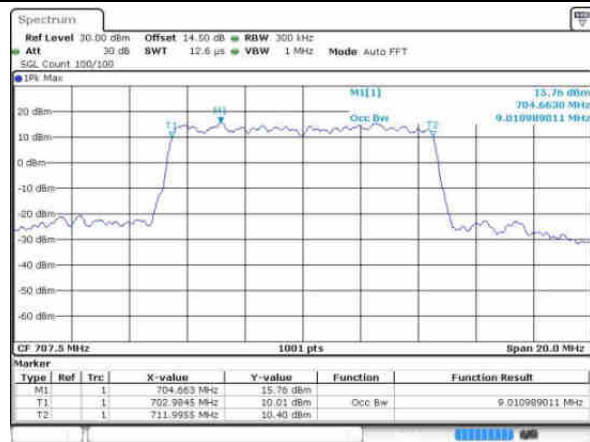
Lowest Channel / 10MHz / 16QAM



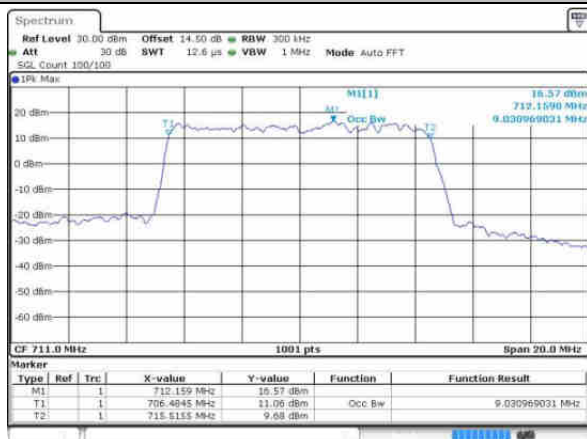
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

