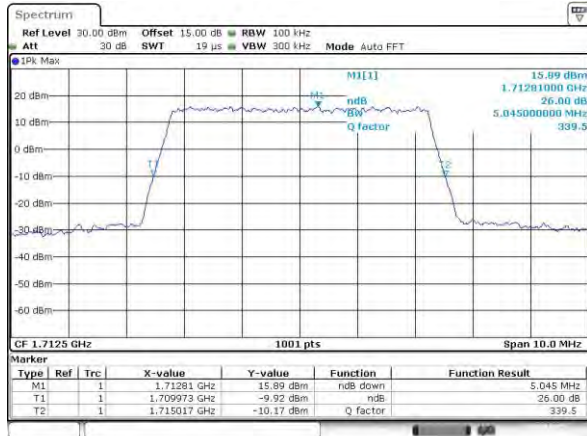
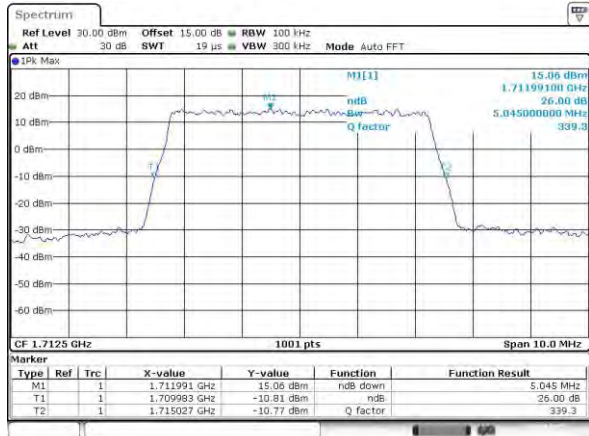
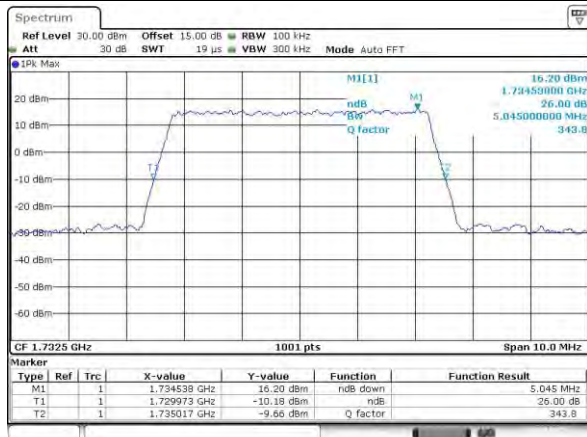


**LTE Band 4****Lowest Channel / 5MHz / QPSK**

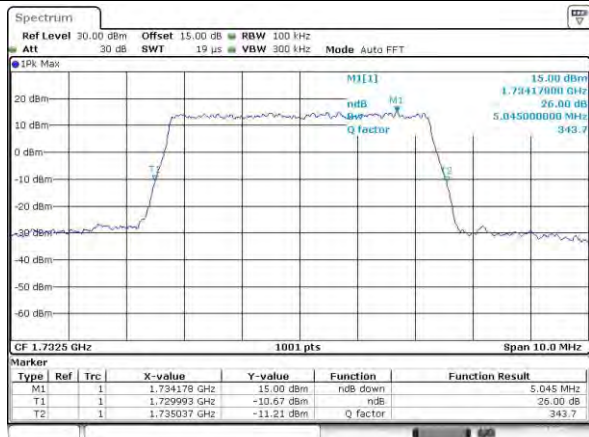
Date: 16.APR.2015 19:49:10

Lowest Channel / 5MHz / 16QAM

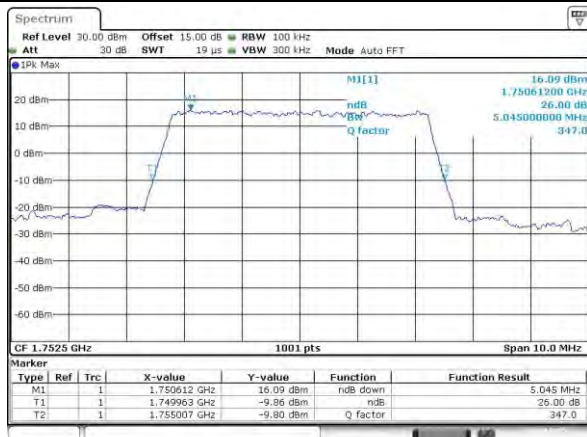
Date: 16.APR.2015 19:49:22

Middle Channel / 5MHz / QPSK

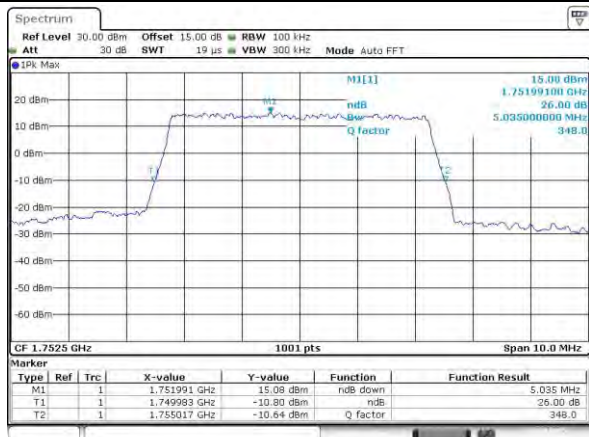
Date: 16.APR.2015 19:57:57

Middle Channel / 5MHz / 16QAM

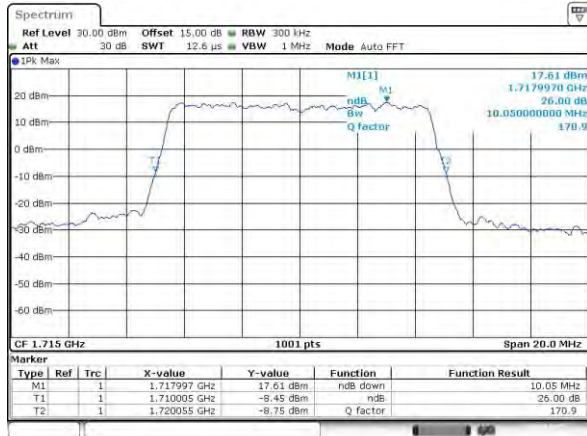
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Highest Channel / 5MHz / QPSK

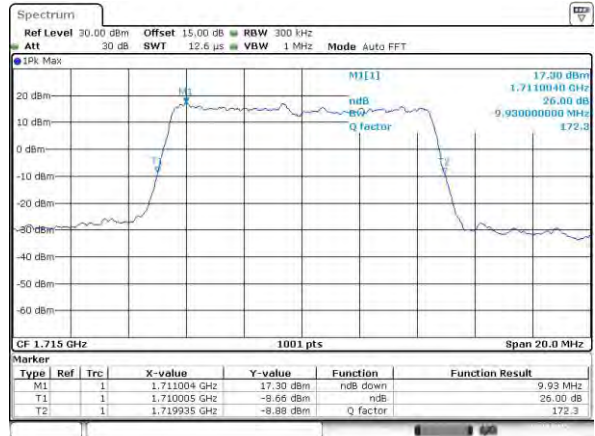
Date: 16.APR.2015 20:01:21

Highest Channel / 5MHz / 16QAM

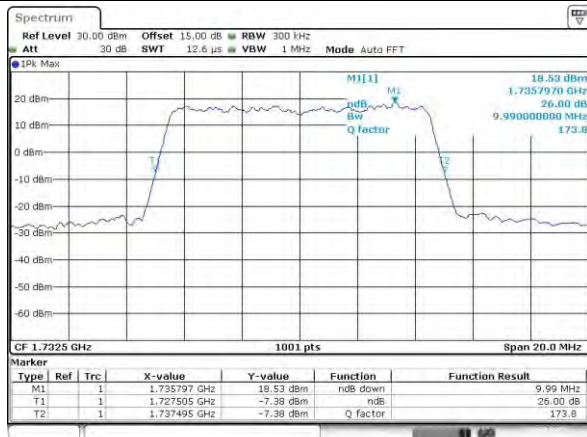
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LTE Band 4
Lowest Channel / 10MHz / QPSK


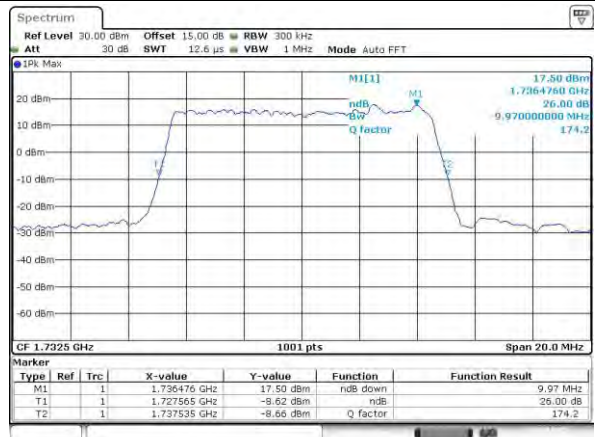
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Lowest Channel / 10MHz / 16QAM


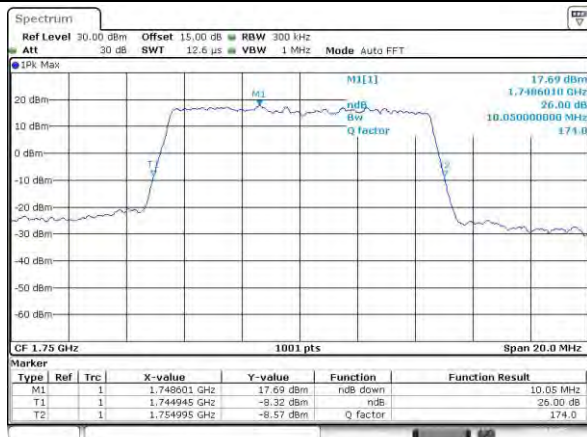
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Middle Channel / 10MHz / QPSK


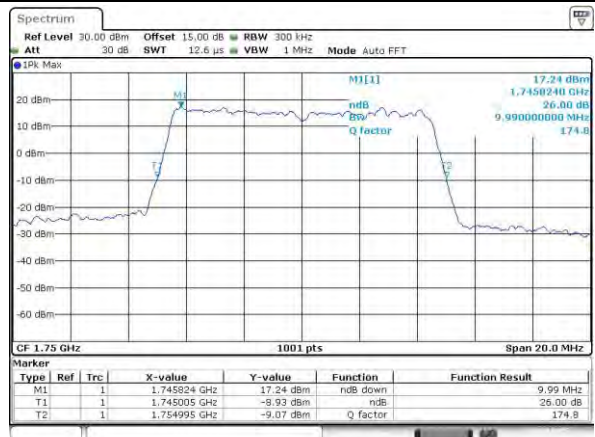
Date: 16.APR.2015 20:18:56

Middle Channel / 10MHz / 16QAM


Date: 16.APR.2015 20:19:08

Highest Channel / 10MHz / QPSK


Date: 16.APR.2015 20:22:21

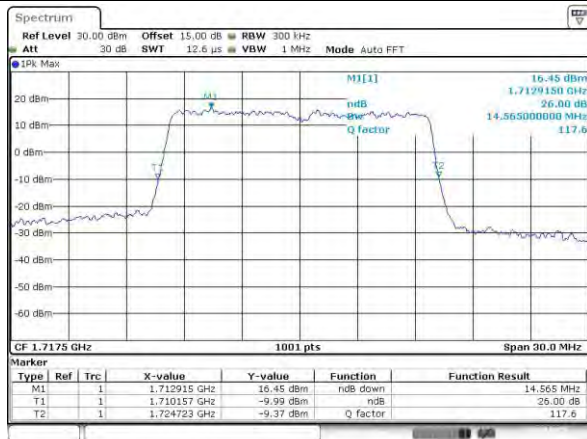
Highest Channel / 10MHz / 16QAM


Date: 16.APR.2015 20:22:33

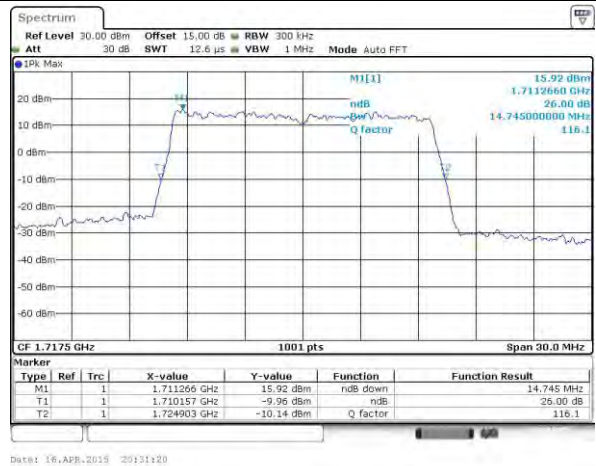


LTE Band 4

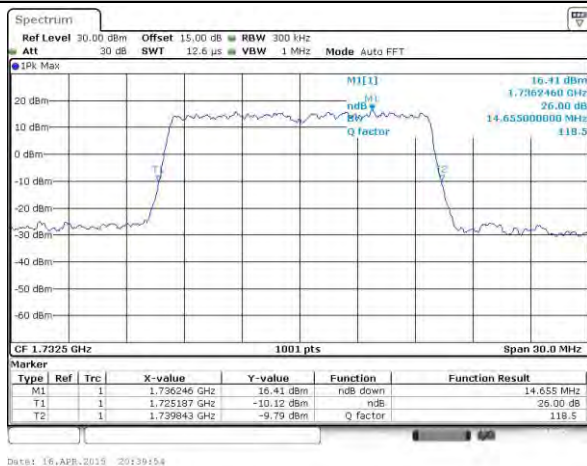
Lowest Channel / 15MHz / QPSK



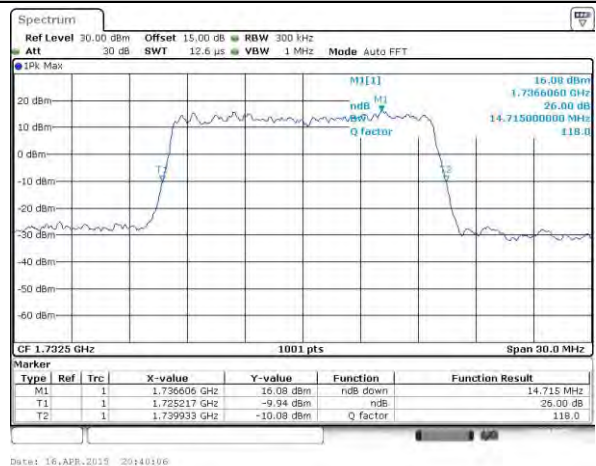
Lowest Channel / 15MHz / 16QAM



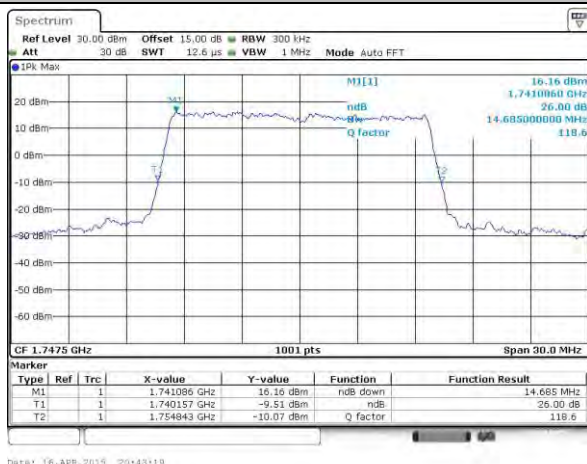
Middle Channel / 15MHz / QPSK



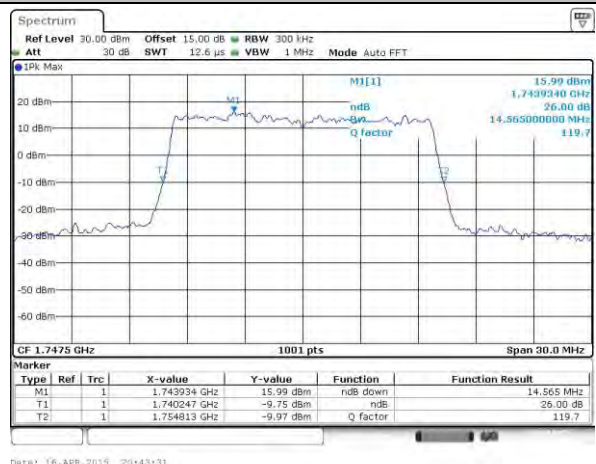
Middle Channel / 15MHz / 16QAM

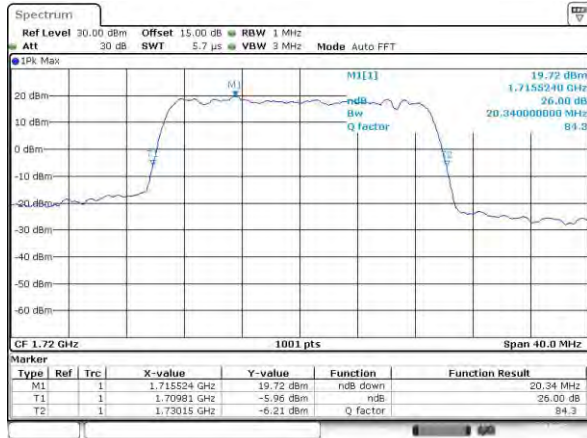
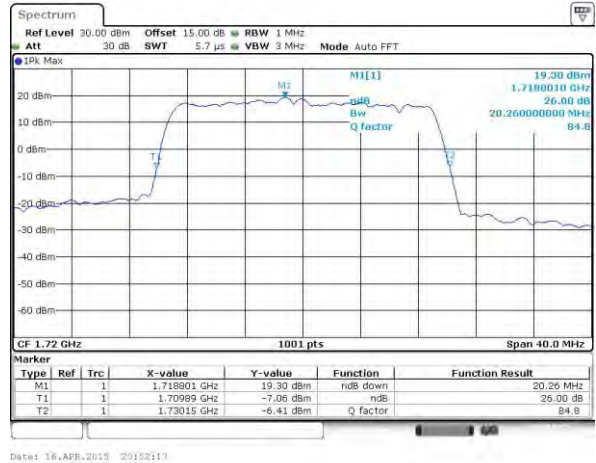
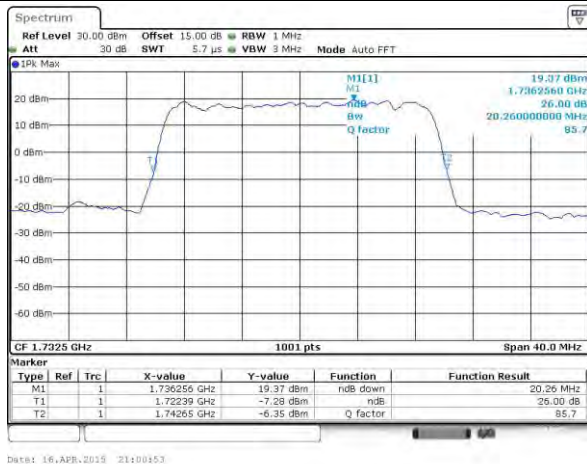
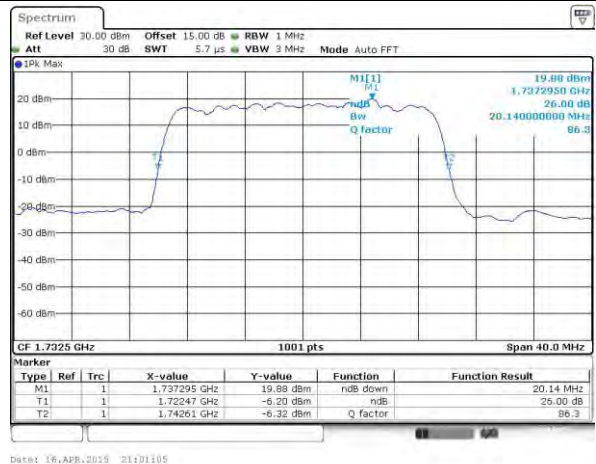
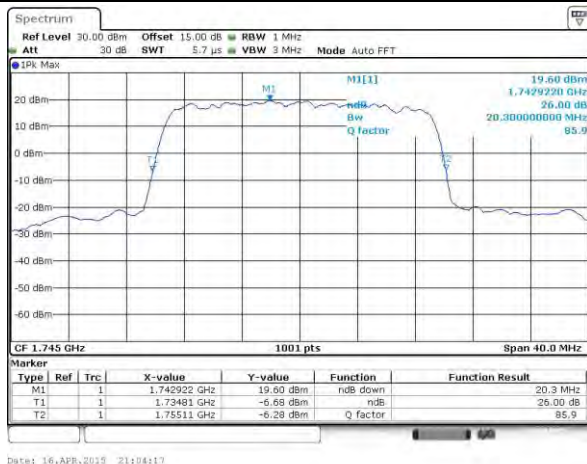
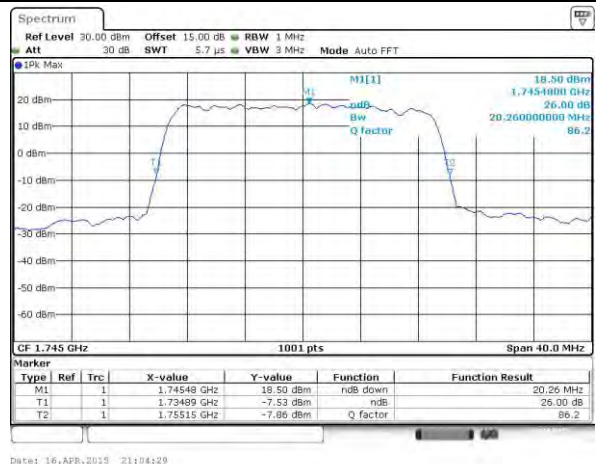


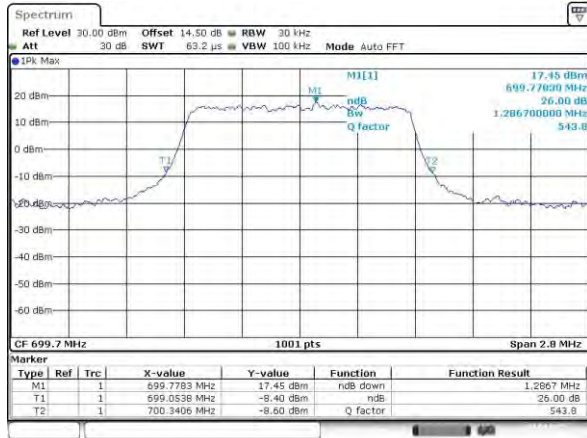
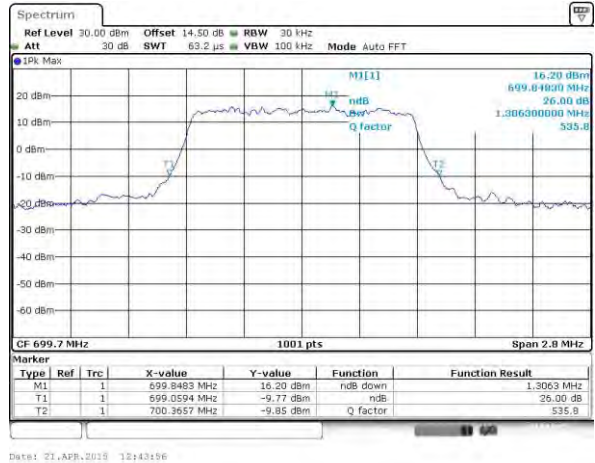
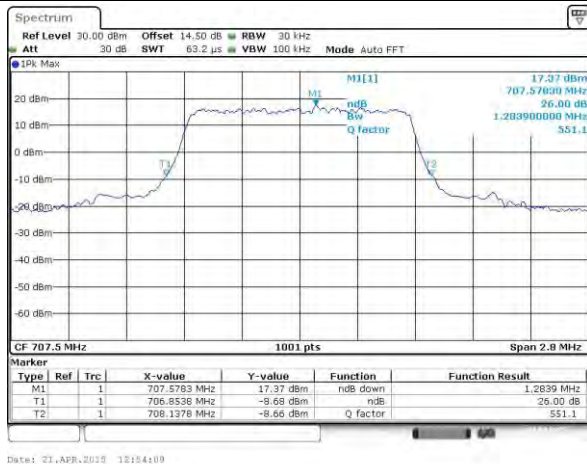
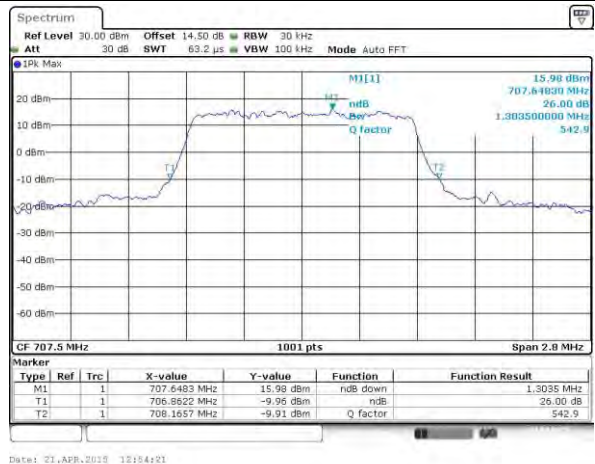
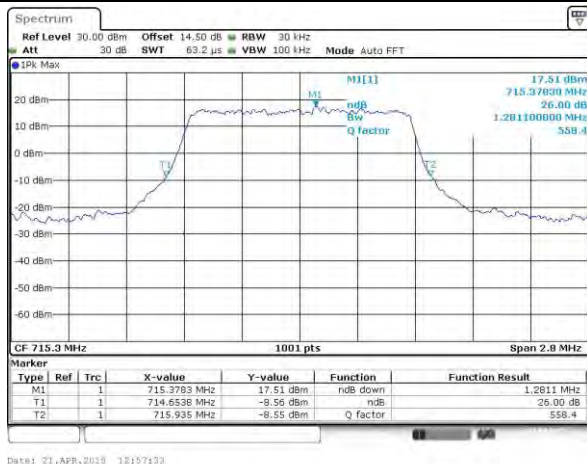
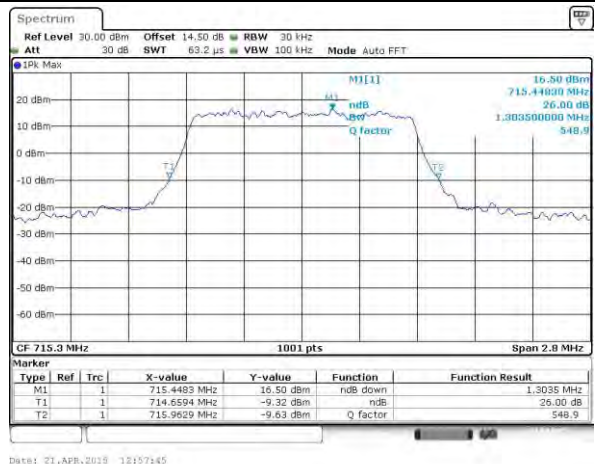
Highest Channel / 15MHz / QPSK

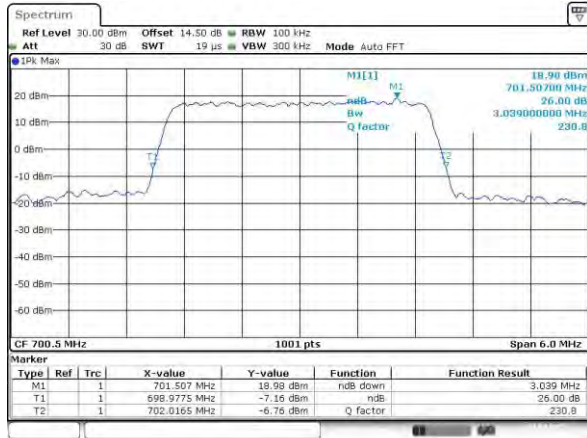
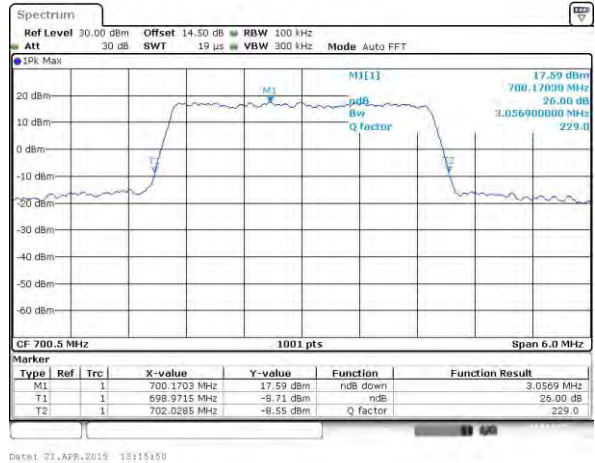
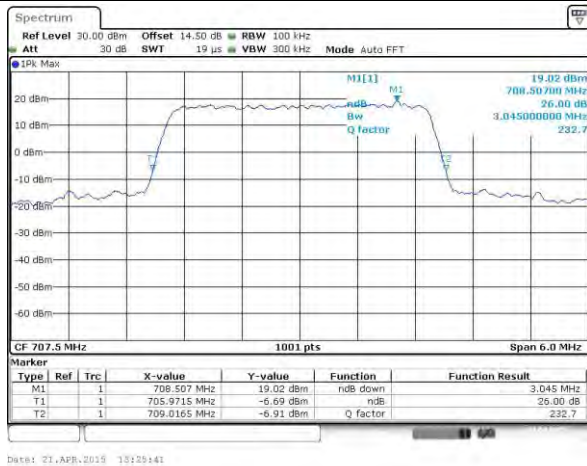
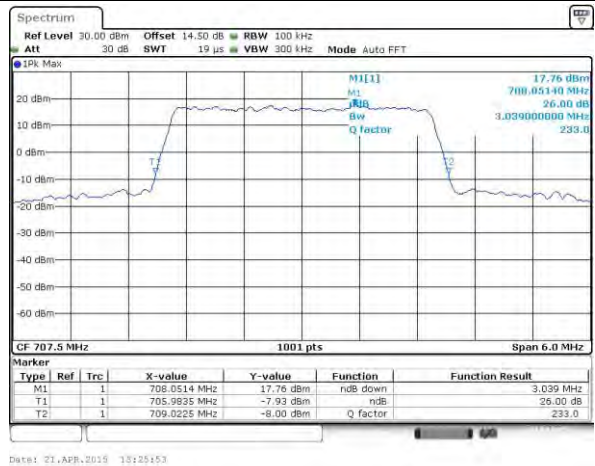
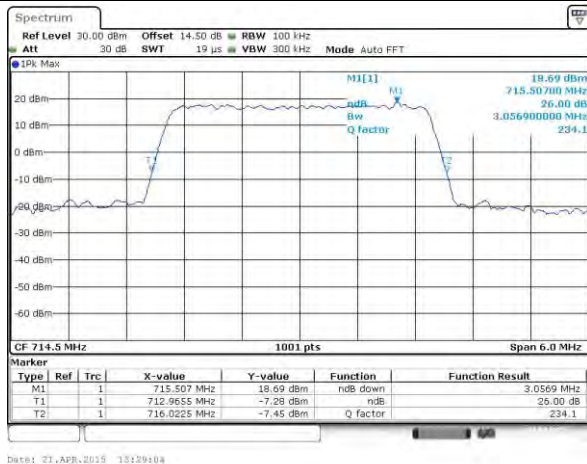
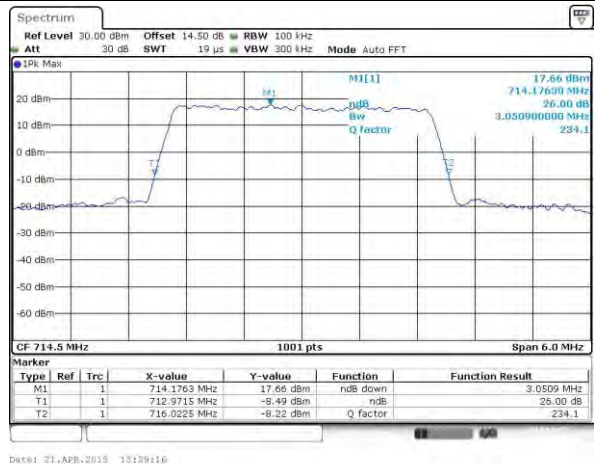


Highest Channel / 15MHz / 16QAM



**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**

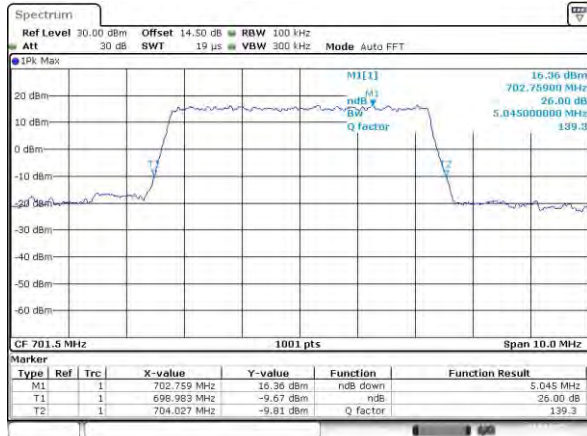
**LTE Band 12****Lowest Channel / 1.4MHz / QPSK****Lowest Channel / 1.4MHz / 16QAM****Middle Channel / 1.4MHz / QPSK****Middle Channel / 1.4MHz / 16QAM****Highest Channel / 1.4MHz / QPSK****Highest Channel / 1.4MHz / 16QAM**

**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**

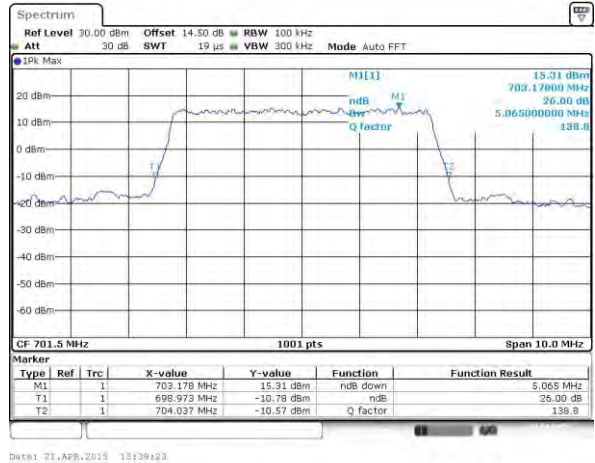


LTE Band 12

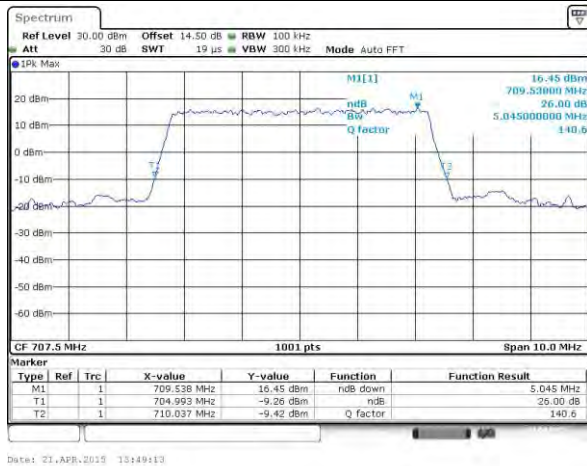
Lowest Channel / 5MHz / QPSK



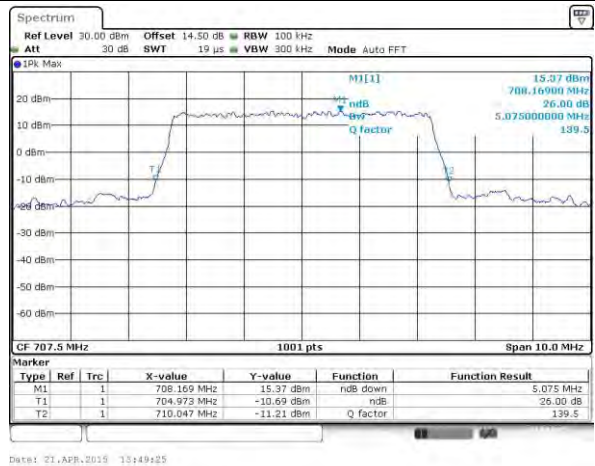
Lowest Channel / 5MHz / 16QAM



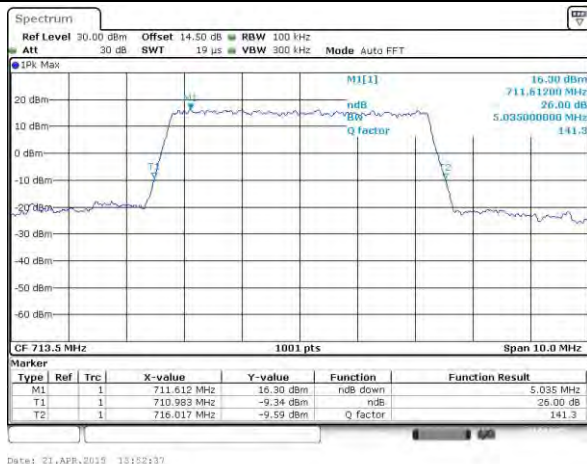
Middle Channel / 5MHz / QPSK



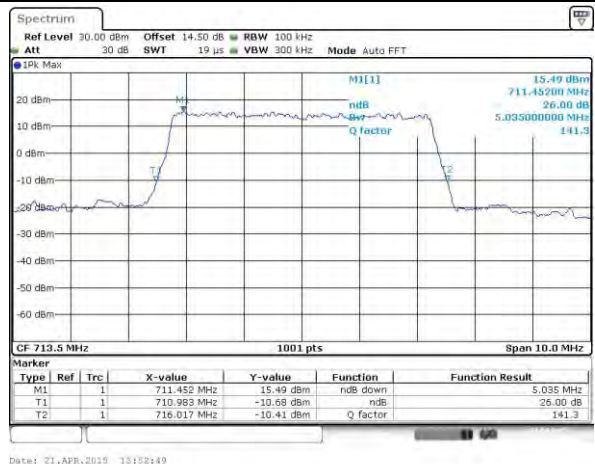
Middle Channel / 5MHz / 16QAM

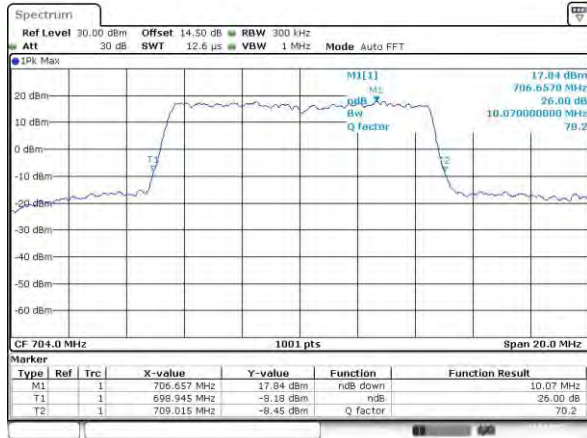
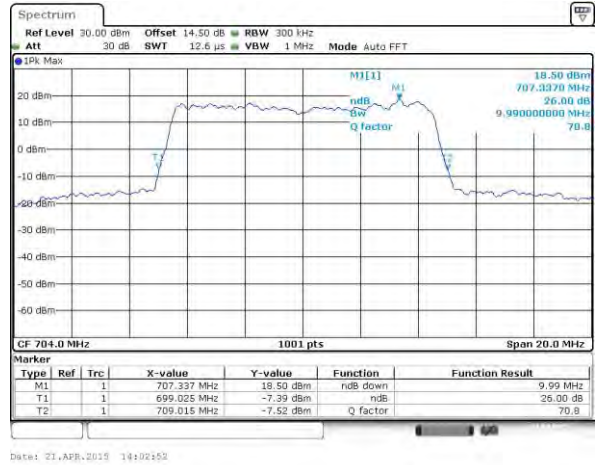
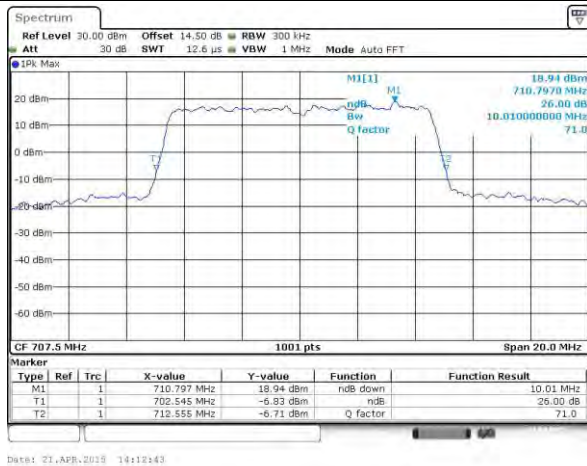
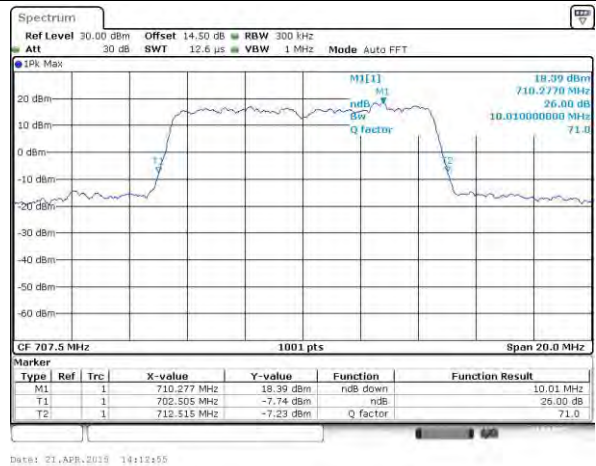
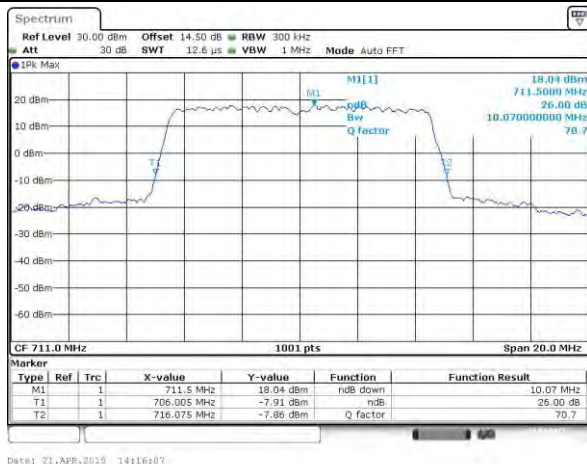
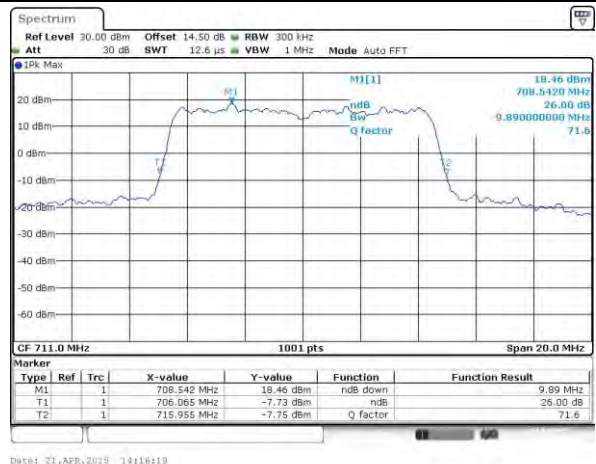


Highest Channel / 5MHz / QPSK



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**

**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	1.094	1.097	2.727	2.727	4.505	4.496	9.051	9.051	13.487	13.427	18.462	18.422
Middle CH	1.097	1.097	2.721	2.727	4.505	4.496	9.071	9.051	13.457	13.516	18.382	18.422
Highest CH	1.097	1.097	2.715	2.721	4.505	4.505	9.111	9.011	13.457	13.457	18.342	18.342

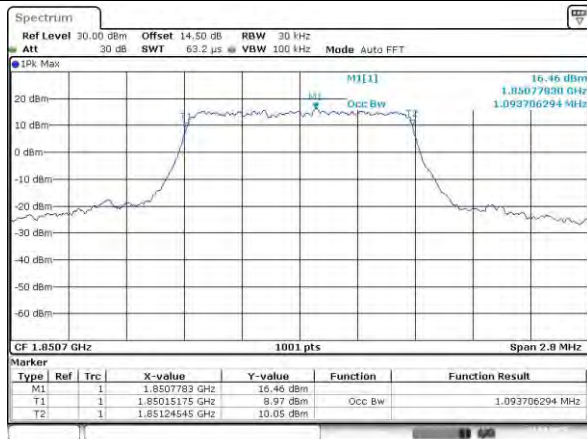
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.097	1.097	2.733	2.727	4.505	4.496	9.031	9.051	13.487	13.487	18.422	18.302
Middle CH	1.094	1.097	2.727	2.727	4.496	4.496	9.091	9.031	13.516	13.457	18.342	18.382
Highest CH	1.094	1.097	2.721	2.727	4.505	4.496	9.071	9.031	13.427	13.487	18.342	18.342

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	1.094	1.099	2.727	2.727	4.505	4.505	9.071	9.051	-	-	-	-
Middle CH	1.097	1.099	2.727	2.733	4.496	4.496	9.071	9.071	-	-	-	-
Highest CH	1.097	1.097	2.727	2.727	4.505	4.505	9.111	9.011	-	-	-	-

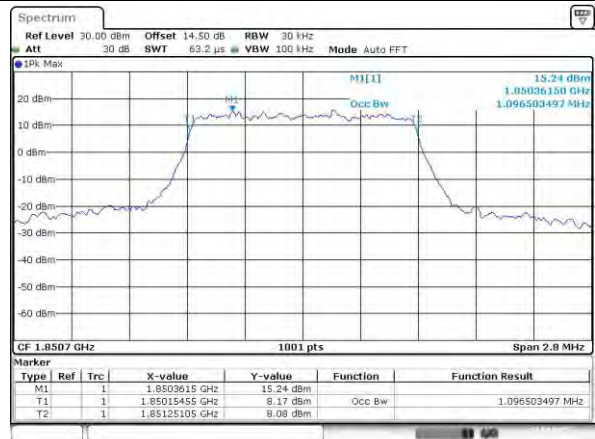


LTE Band 2

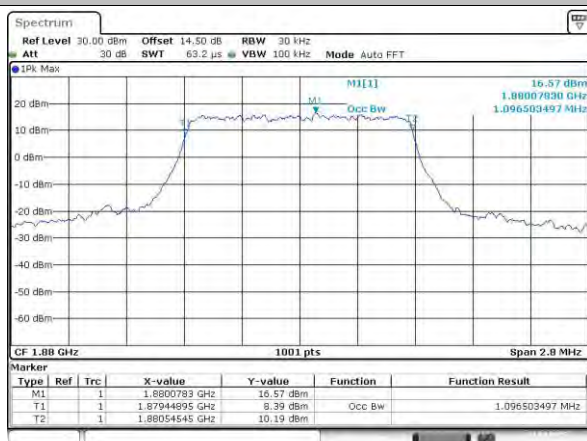
Lowest Channel / 1.4MHz / QPSK



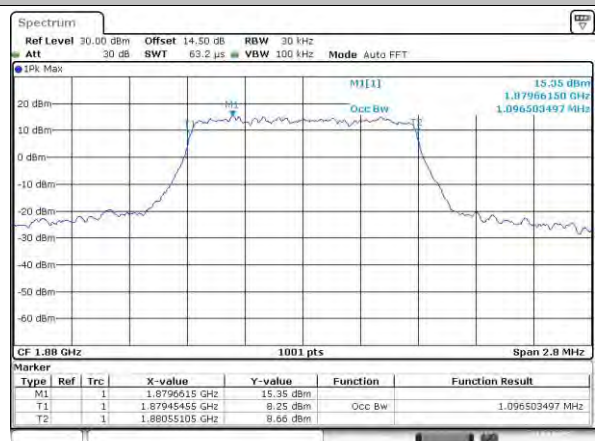
Lowest Channel / 1.4MHz / 16QAM



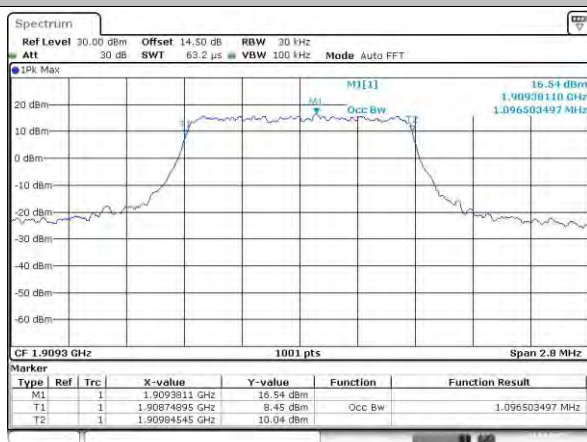
Middle Channel / 1.4MHz / QPSK



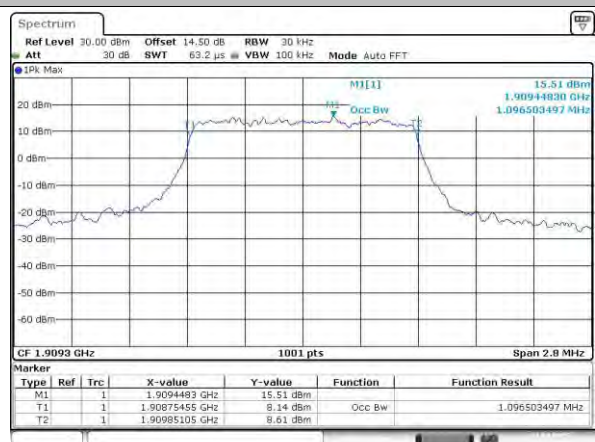
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



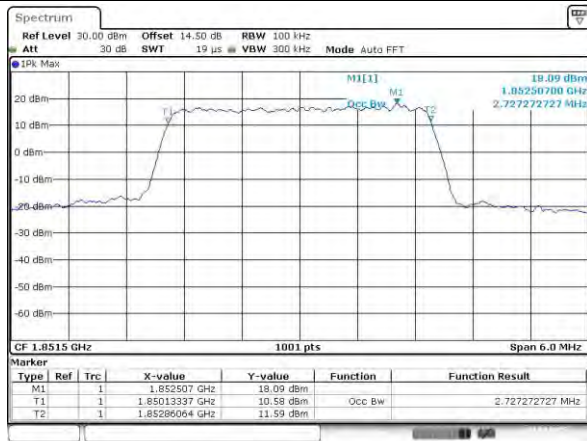
Highest Channel / 1.4MHz / 16QAM



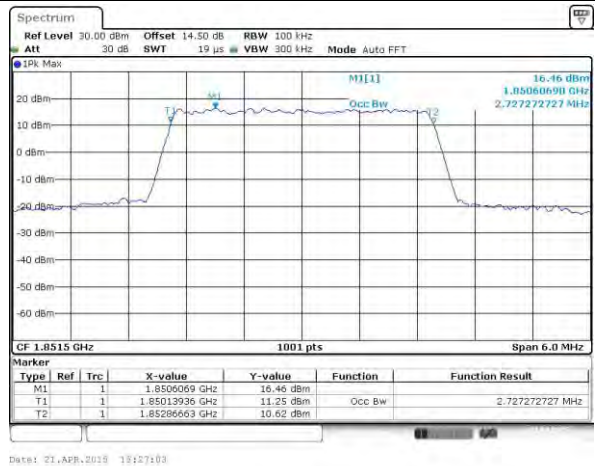


LTE Band 2

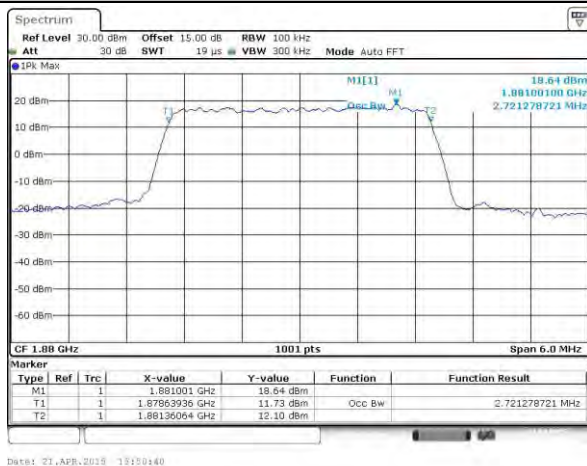
Lowest Channel / 3MHz / QPSK



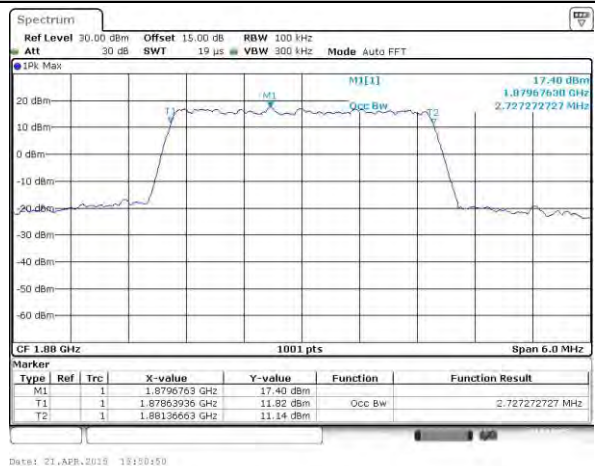
Lowest Channel / 3MHz / 16QAM



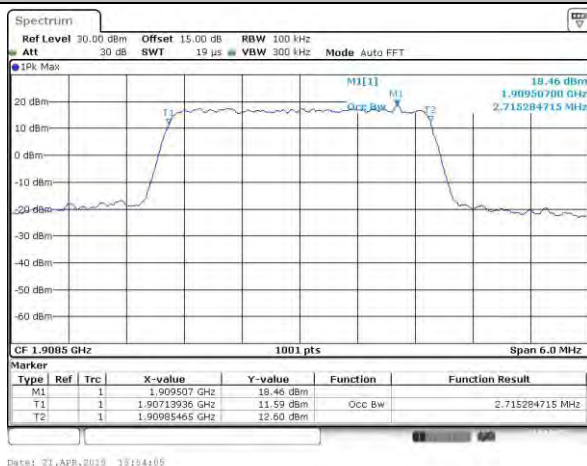
Middle Channel / 3MHz / QPSK



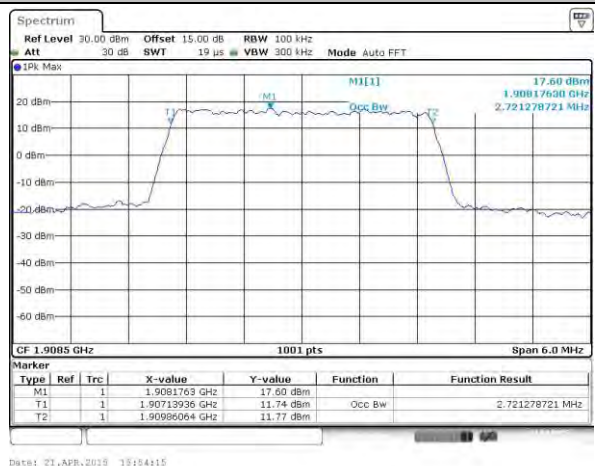
Middle Channel / 3MHz / 16QAM

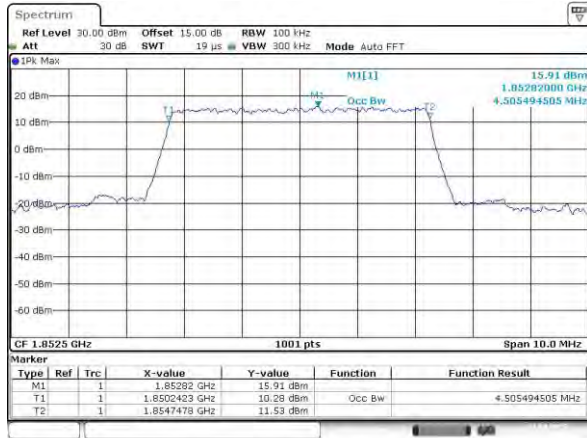


Highest Channel / 3MHz / QPSK

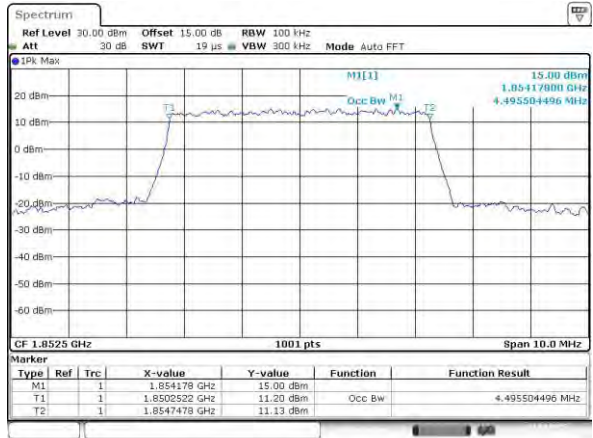


Highest Channel / 3MHz / 16QAM

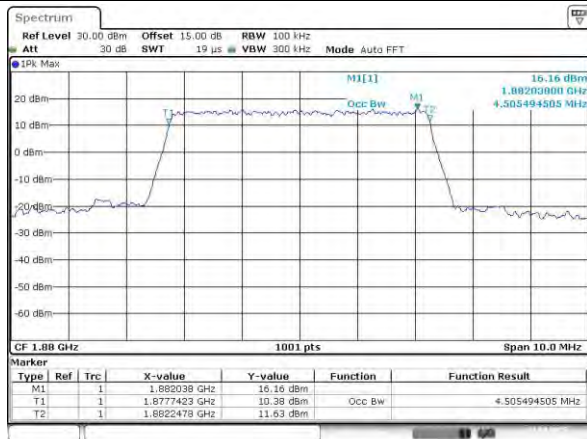


**LTE Band 2****Lowest Channel / 5MHz / QPSK**

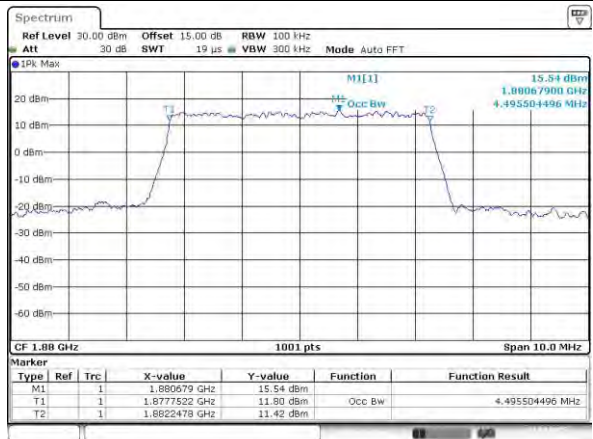
Date: 21.APR.2015 16:02:14

Lowest Channel / 5MHz / 16QAM

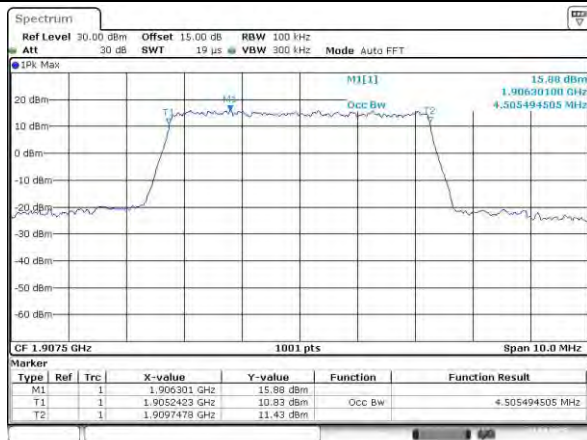
Date: 21.APR.2015 16:02:19

Middle Channel / 5MHz / QPSK

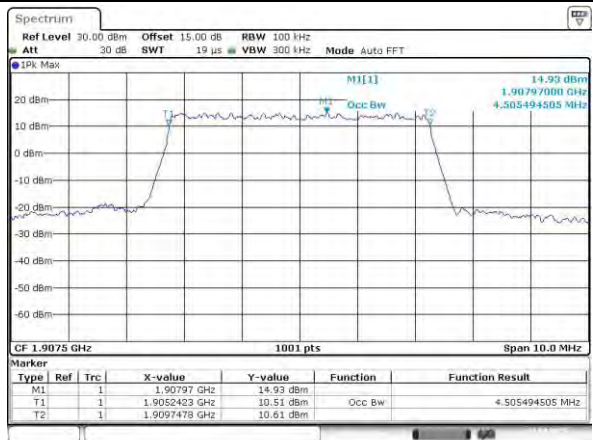
Date: 21.APR.2015 16:11:33

Middle Channel / 5MHz / 16QAM

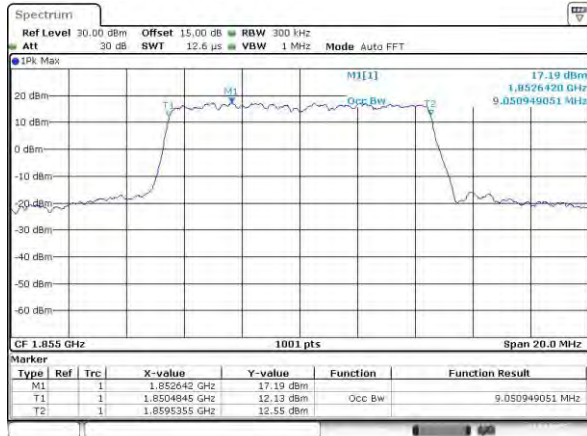
Date: 21.APR.2015 16:11:42

Highest Channel / 5MHz / QPSK

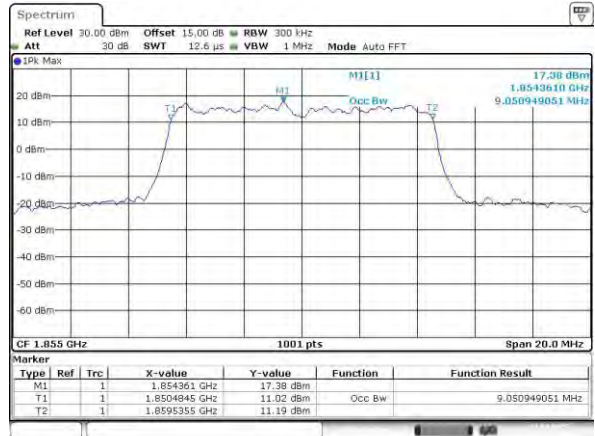
Date: 21.APR.2015 16:11:56

Highest Channel / 5MHz / 16QAM

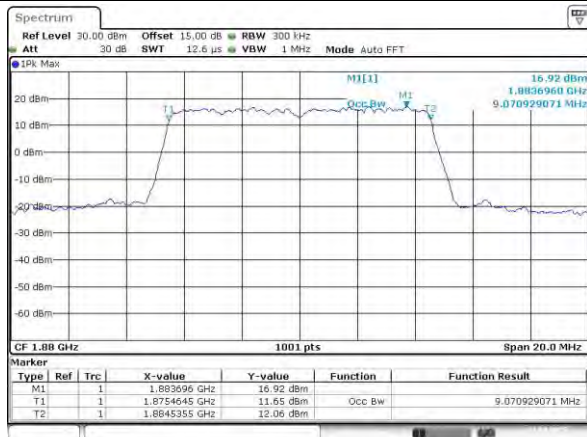
Date: 21.APR.2015 16:11:07

**LTE Band 2****Lowest Channel / 10MHz / QPSK**

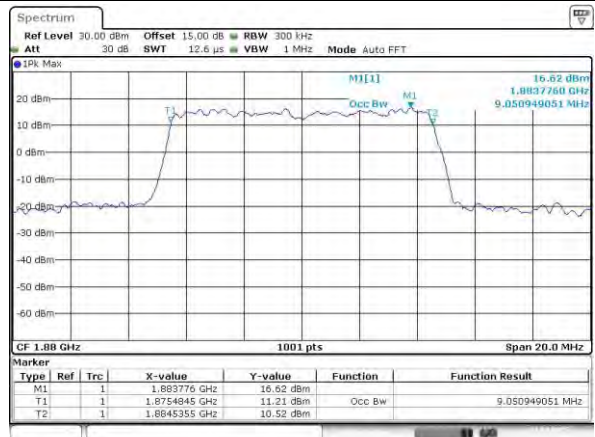
Date: 21.APR.2015 16:23:40

Lowest Channel / 10MHz / 16QAM

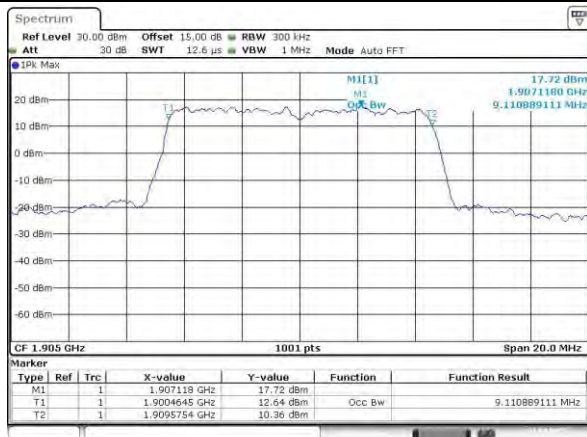
Date: 21.APR.2015 16:23:50

Middle Channel / 10MHz / QPSK

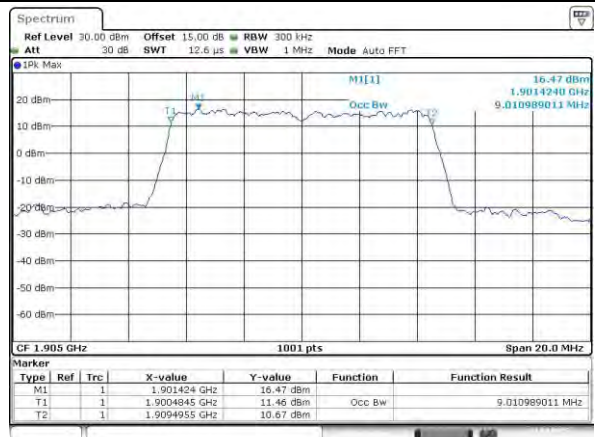
Date: 21.APR.2015 16:32:33

Middle Channel / 10MHz / 16QAM

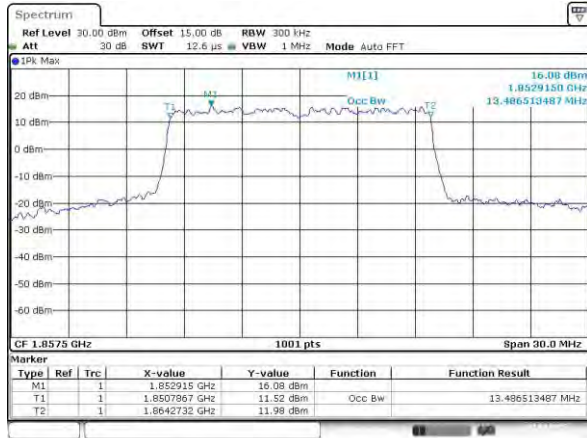
Date: 21.APR.2015 16:32:53

Highest Channel / 10MHz / QPSK

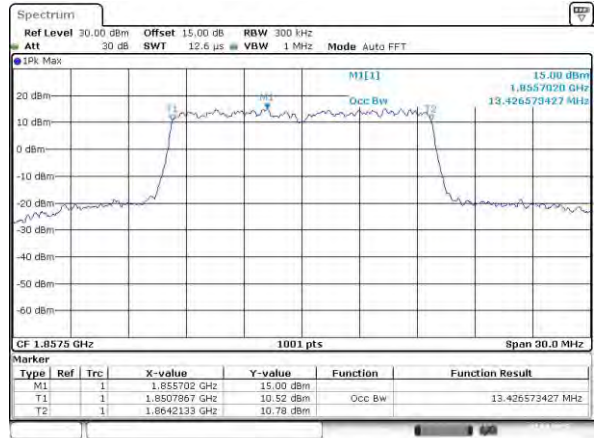
Date: 21.APR.2015 16:35:48

Highest Channel / 10MHz / 16QAM

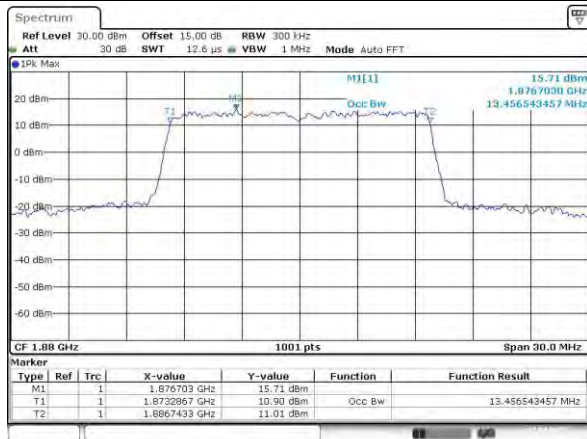
Date: 21.APR.2015 16:35:59

**LTE Band 2****Lowest Channel / 15MHz / QPSK**

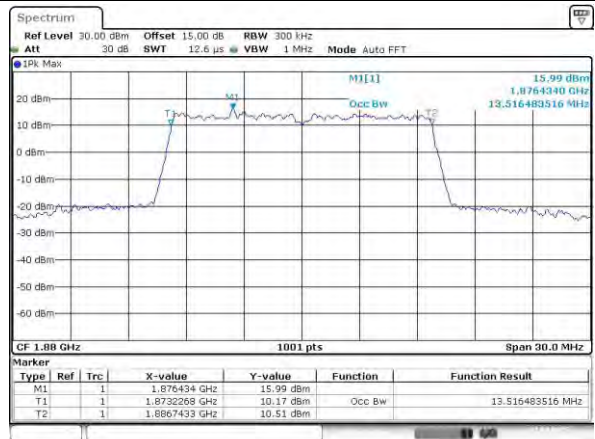
Date: 22, APR, 2015 10:02:10

Lowest Channel / 15MHz / 16QAM

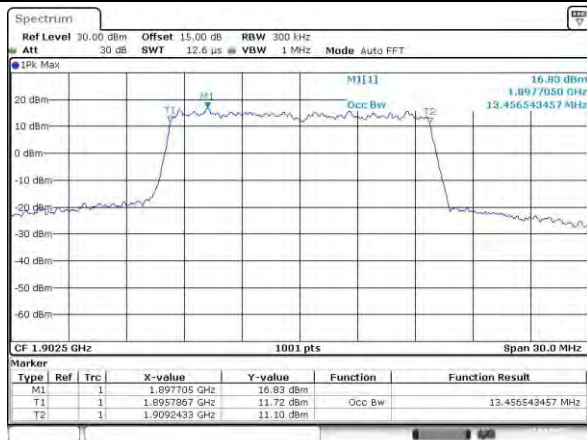
Date: 22, APR, 2015 10:02:15

Middle Channel / 15MHz / QPSK

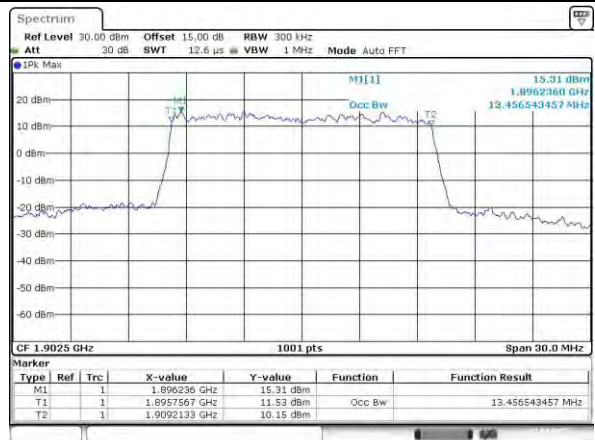
Date: 22, APR, 2015 10:11:14

Middle Channel / 15MHz / 16QAM

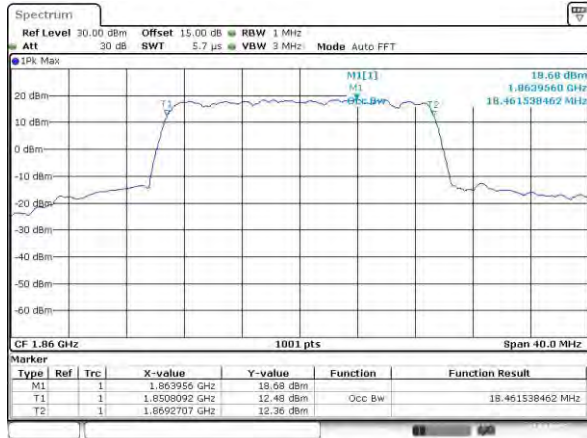
Date: 22, APR, 2015 10:11:24

Highest Channel / 15MHz / QPSK

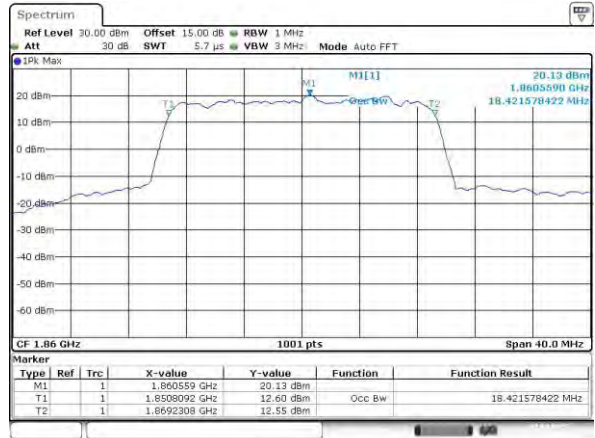
Date: 22, APR, 2015 10:12:41

Highest Channel / 15MHz / 16QAM

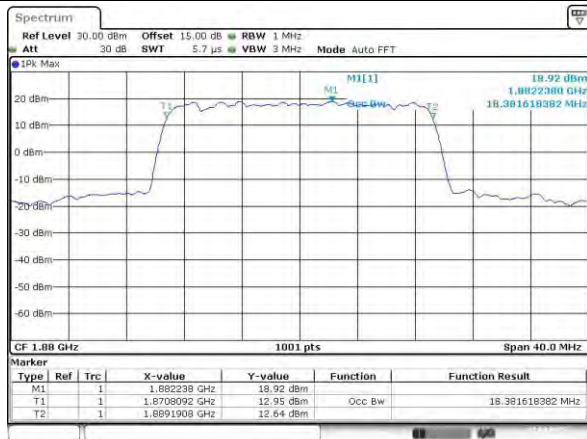
Date: 22, APR, 2015 10:12:51

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

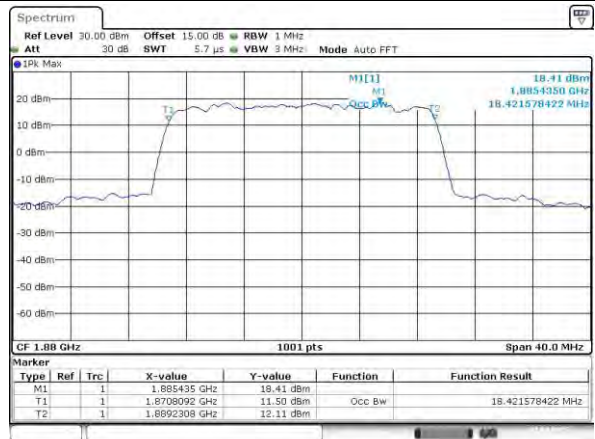
Date: 22.APR.2015 10:33:44

Lowest Channel / 20MHz / 16QAM

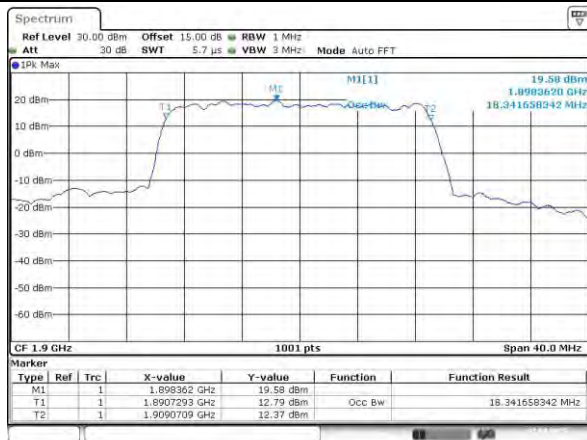
Date: 22.APR.2015 11:55:59

Middle Channel / 20MHz / QPSK

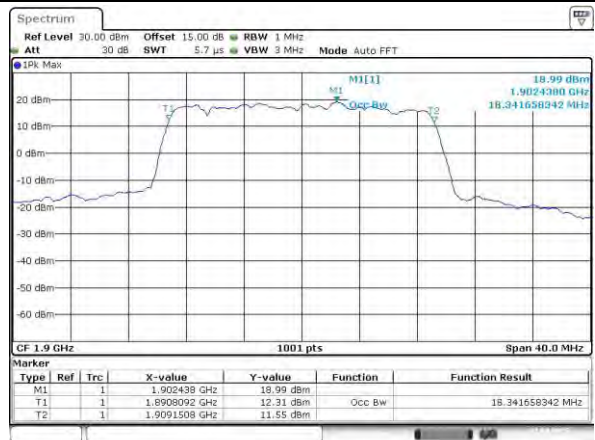
Date: 22.APR.2015 11:05:33

Middle Channel / 20MHz / 16QAM

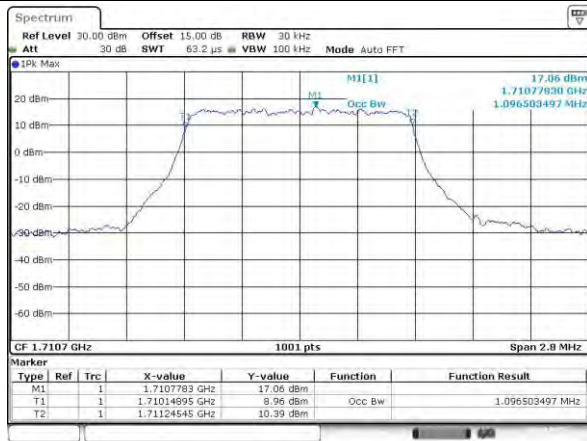
Date: 22.APR.2015 11:05:42

Highest Channel / 20MHz / QPSK

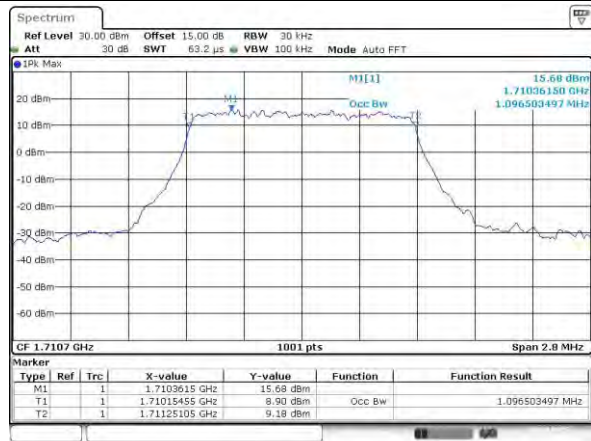
Date: 22.APR.2015 11:06:31

Highest Channel / 20MHz / 16QAM

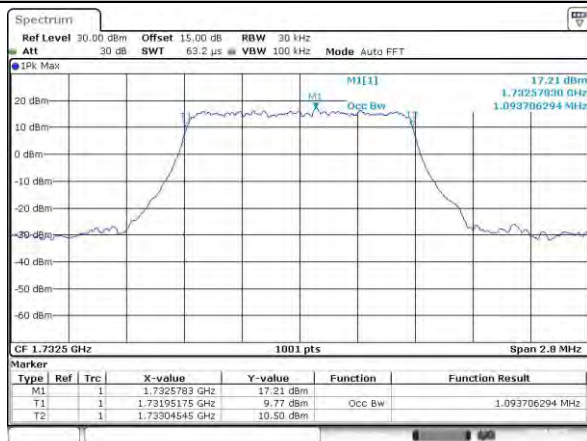
Date: 22.APR.2015 11:06:13

**LTE Band 4****Lowest Channel / 1.4MHz / QPSK**

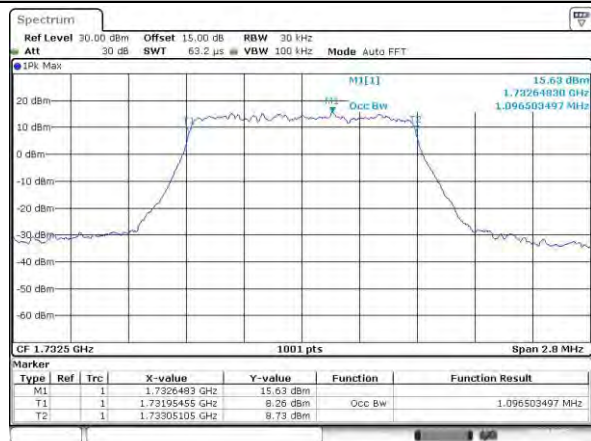
Date: 16.APR.2015 19:04:10

Lowest Channel / 1.4MHz / 16QAM

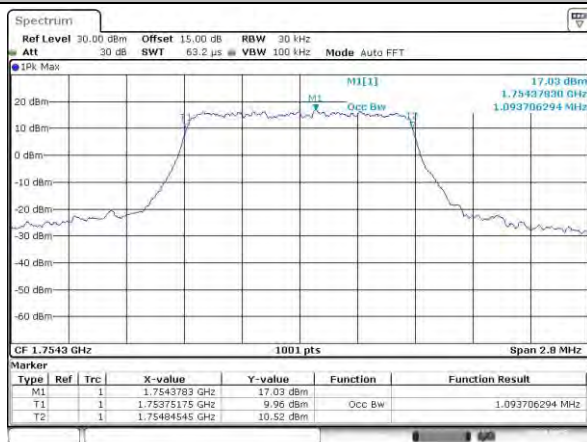
Date: 16.APR.2015 19:04:20

Middle Channel / 1.4MHz / QPSK

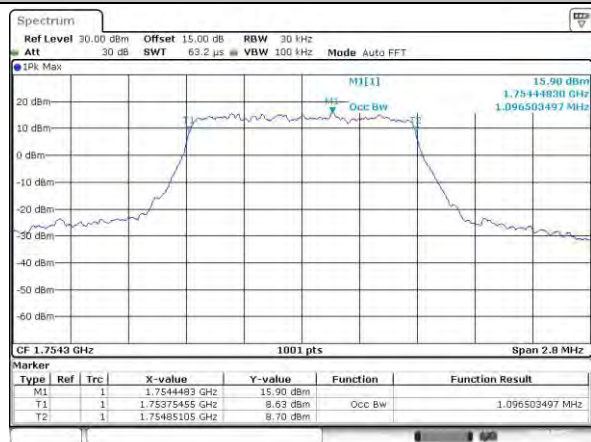
Date: 16.APR.2015 19:15:36

Middle Channel / 1.4MHz / 16QAM

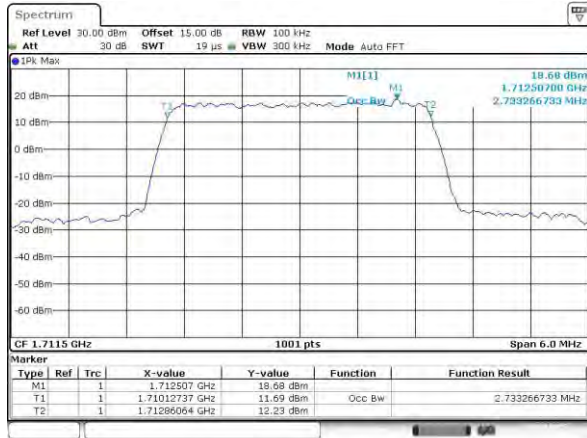
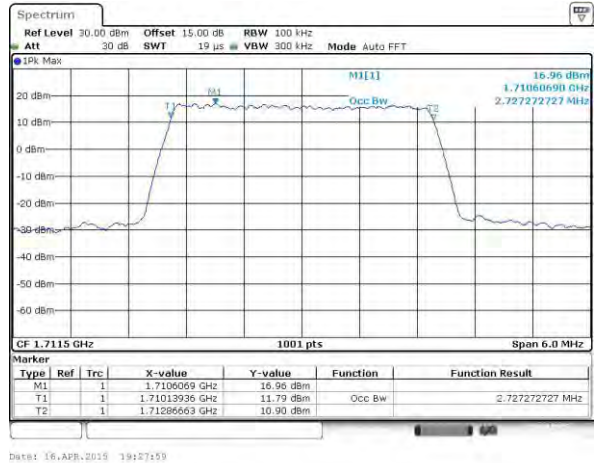
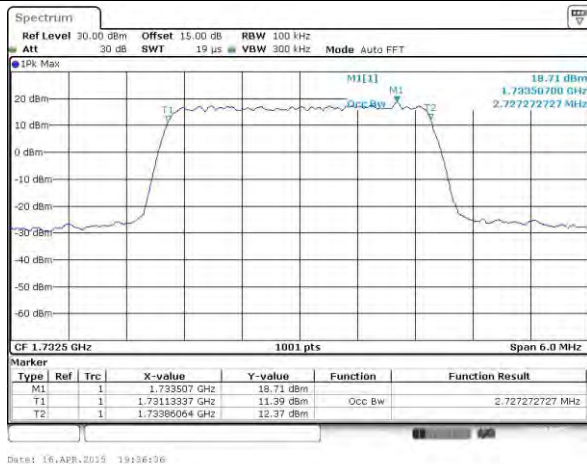
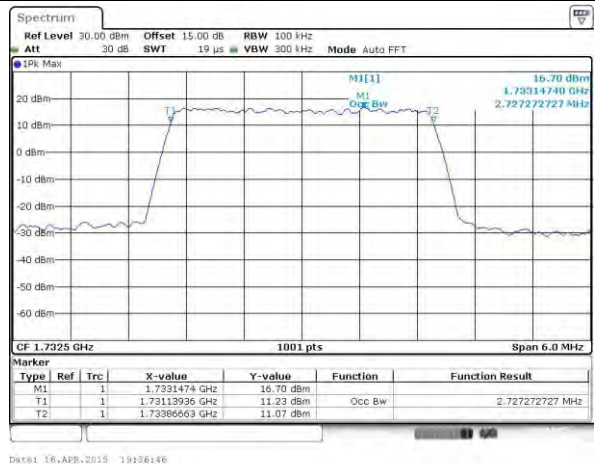
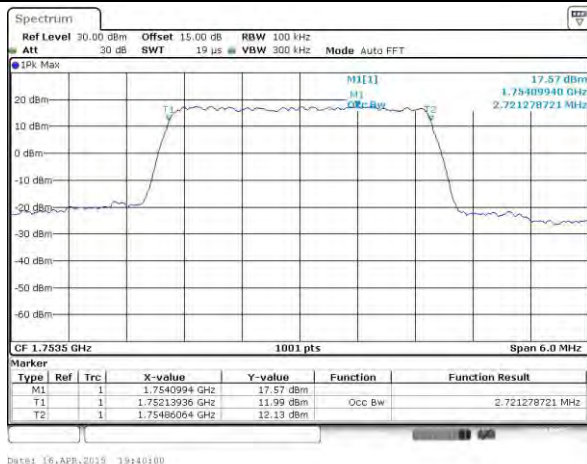
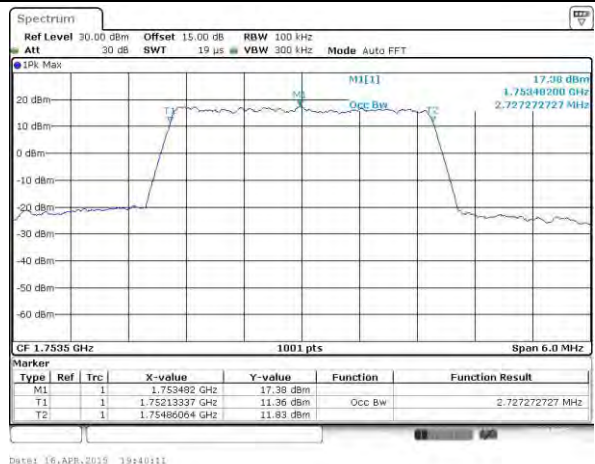
Date: 16.APR.2015 19:15:46

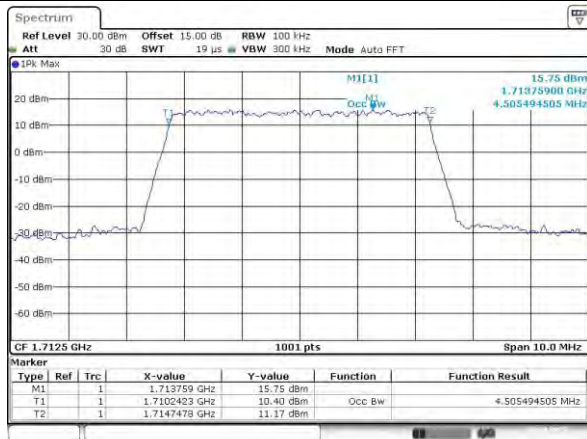
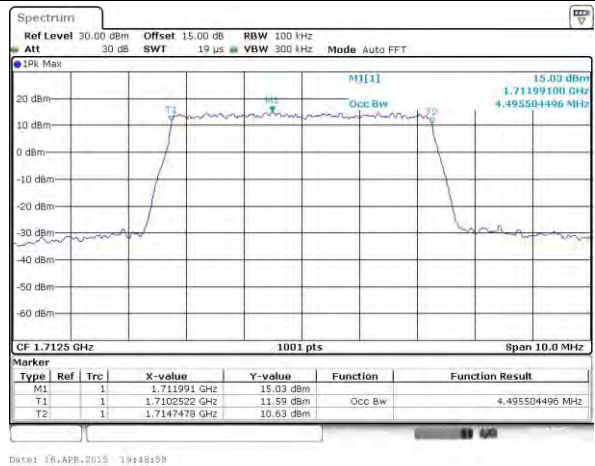
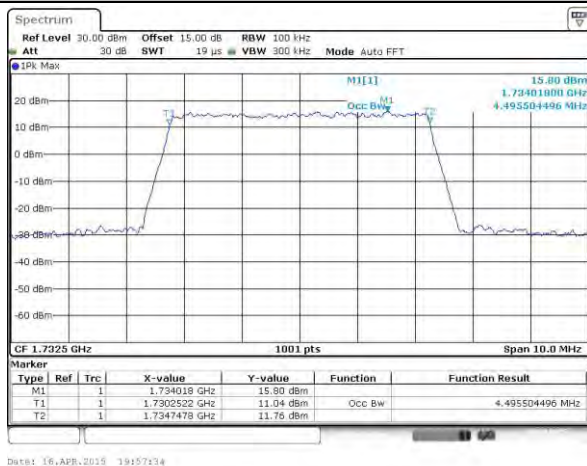
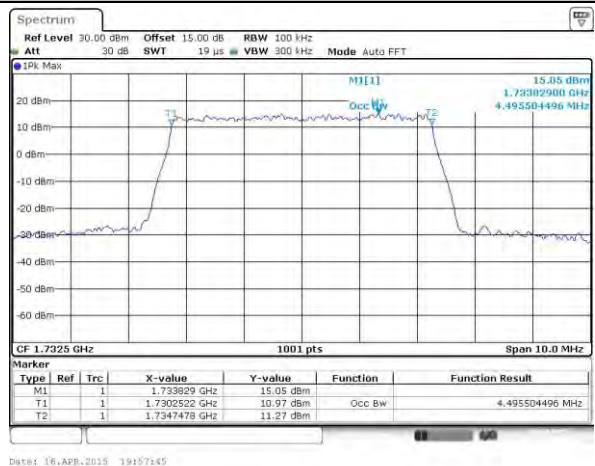
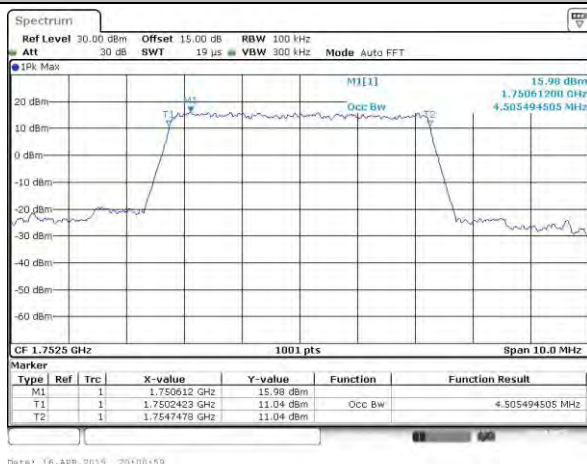
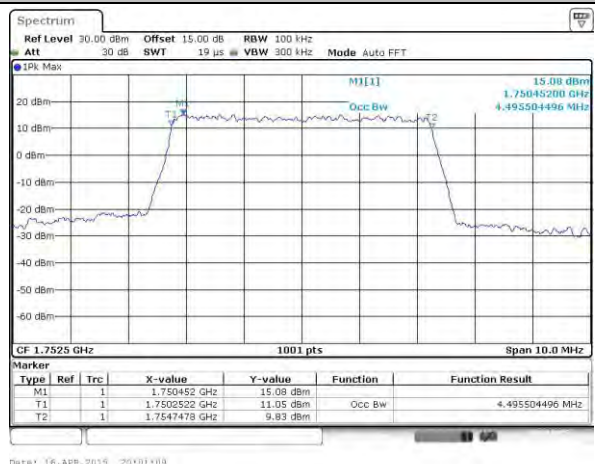
Highest Channel / 1.4MHz / QPSK

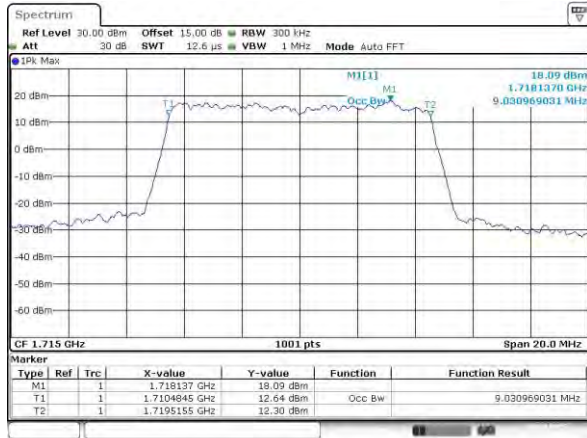
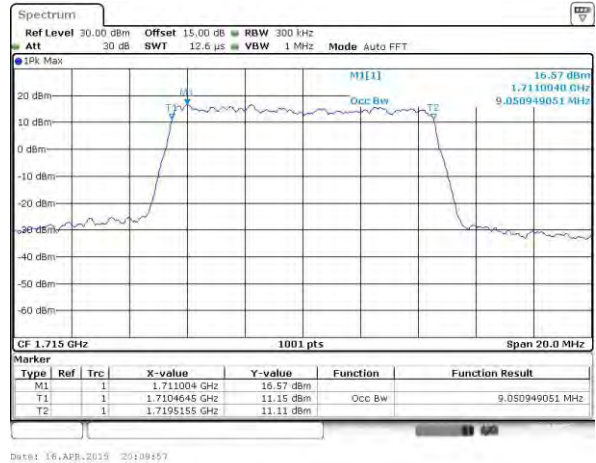
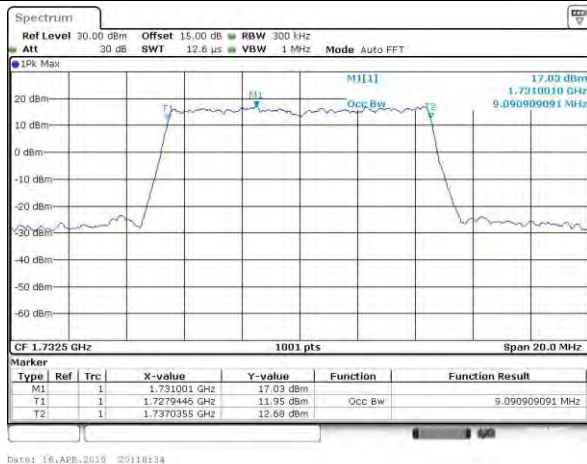
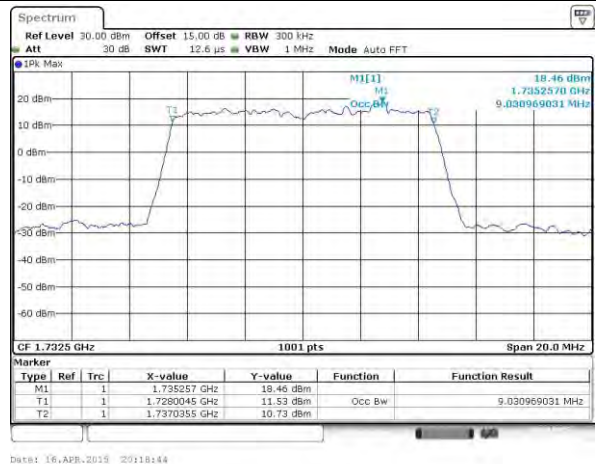
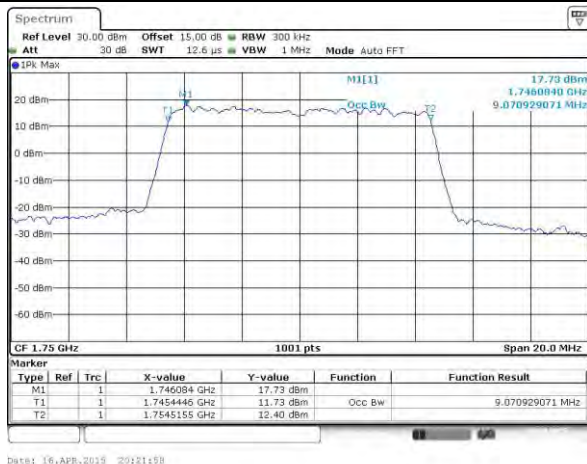
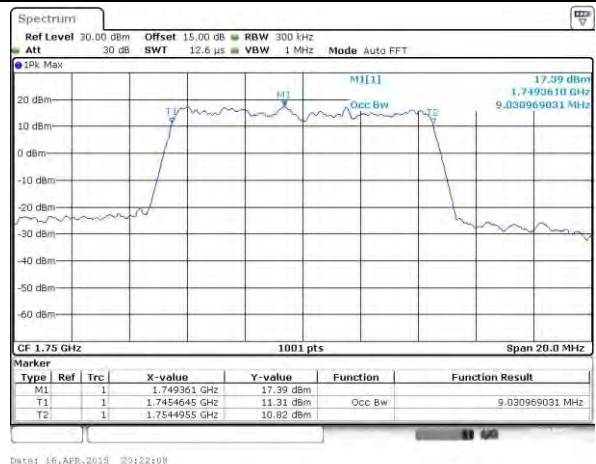
Date: 16.APR.2015 19:19:03

Highest Channel / 1.4MHz / 16QAM

Date: 16.APR.2015 19:19:11

**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**

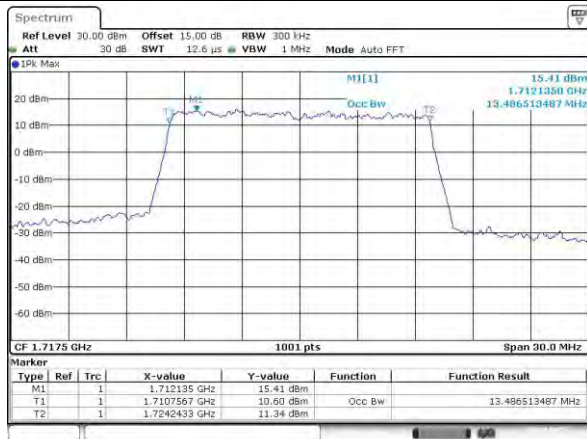
**LTE Band 4****Lowest Channel / 5MHz / QPSK****Lowest Channel / 5MHz / 16QAM****Middle Channel / 5MHz / QPSK****Middle Channel / 5MHz / 16QAM****Highest Channel / 5MHz / QPSK****Highest Channel / 5MHz / 16QAM**

**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**



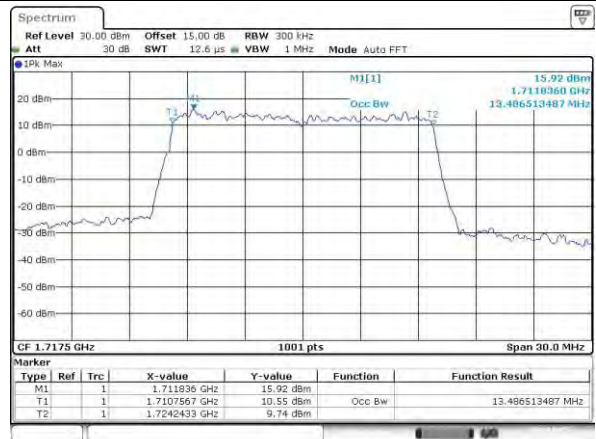
LTE Band 4

Lowest Channel / 15MHz / QPSK



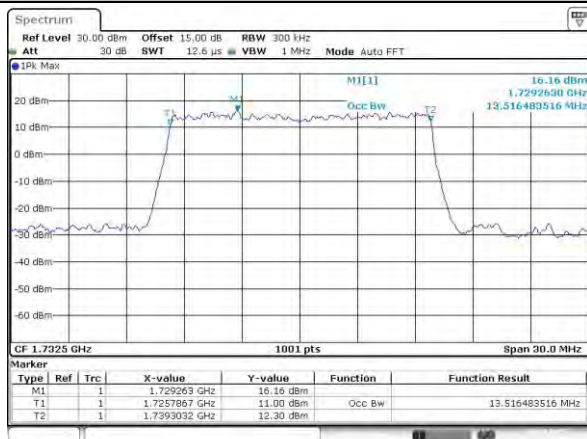
Date: 16.APR.2015 20:30:45

Lowest Channel / 15MHz / 16QAM



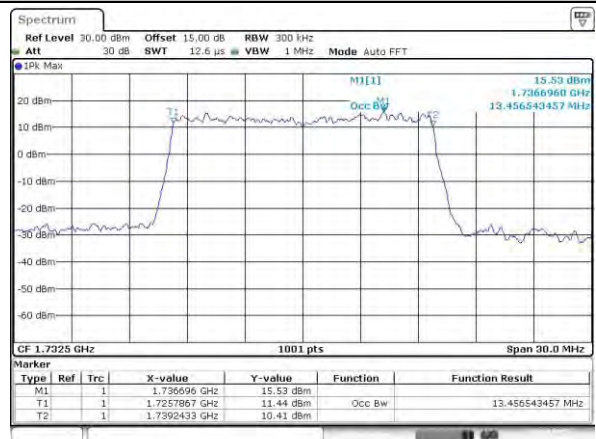
Date: 16.APR.2015 20:30:56

Middle Channel / 15MHz / QPSK



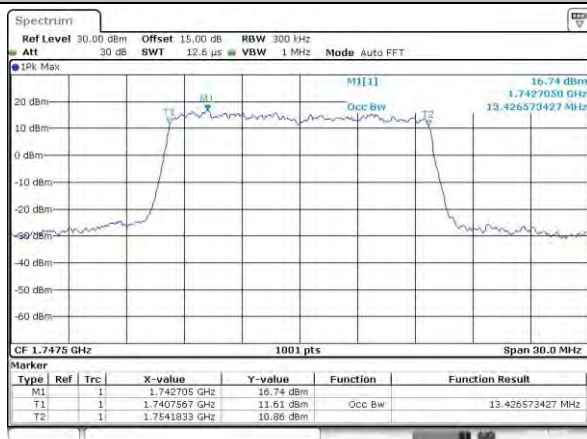
Date: 16.APR.2015 20:30:38

Middle Channel / 15MHz / 16QAM



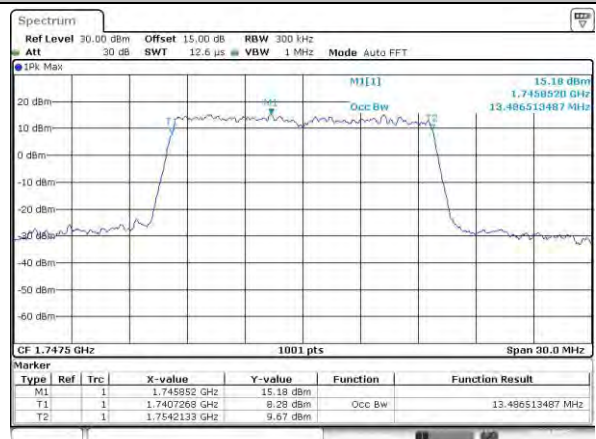
Date: 16.APR.2015 20:30:42

Highest Channel / 15MHz / QPSK



Date: 16.APR.2015 20:42:56

Highest Channel / 15MHz / 16QAM

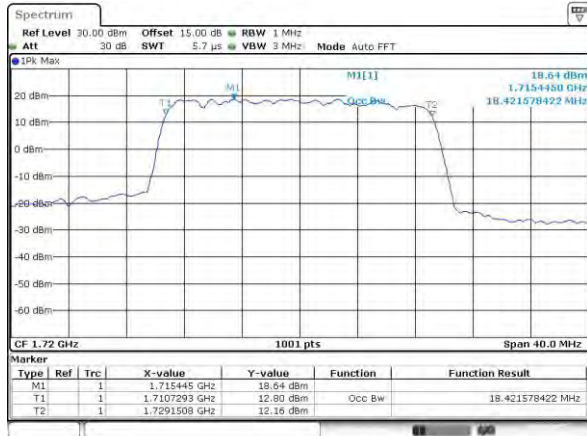


Date: 16.APR.2015 20:43:06

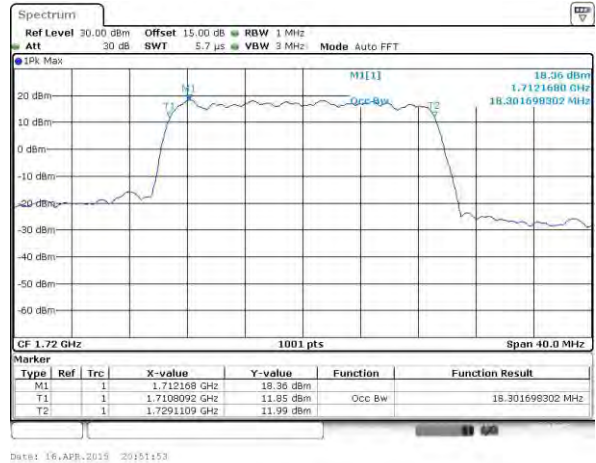


LTE Band 4

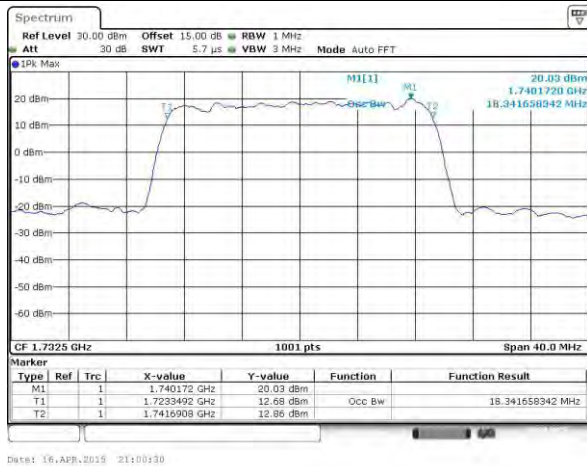
Lowest Channel / 20MHz / QPSK



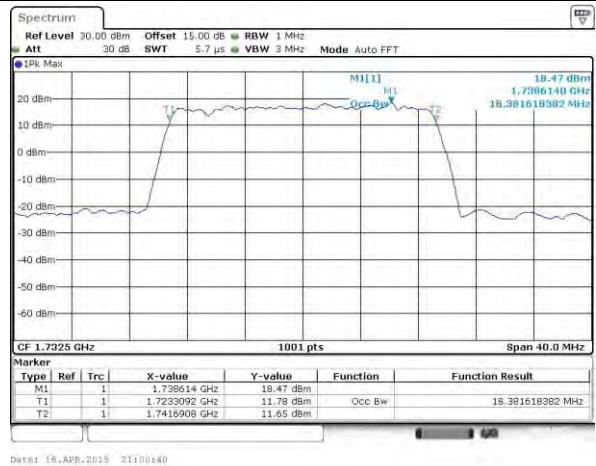
Lowest Channel / 20MHz / 16QAM



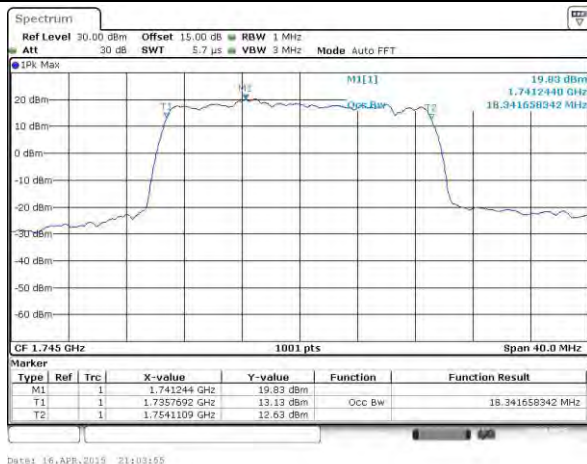
Middle Channel / 20MHz / QPSK



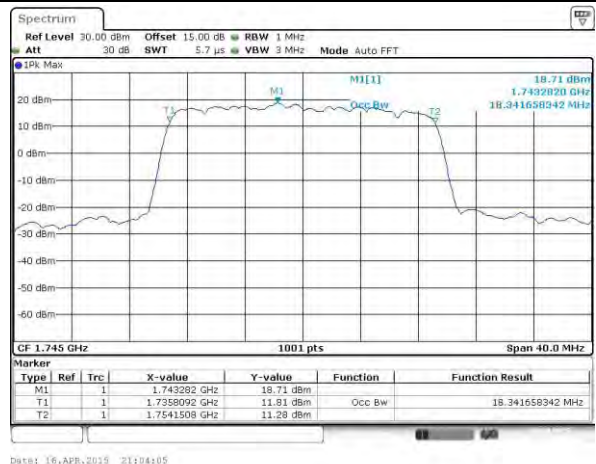
Middle Channel / 20MHz / 16QAM

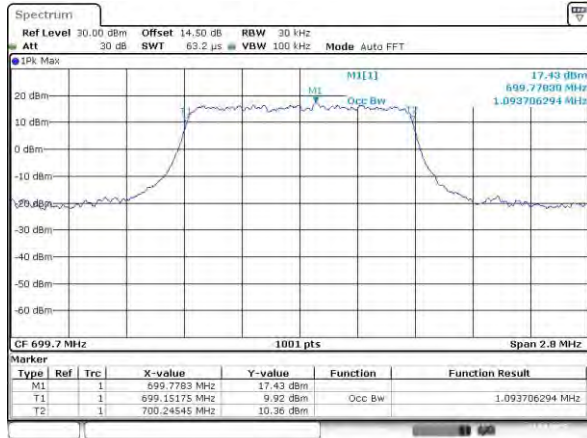
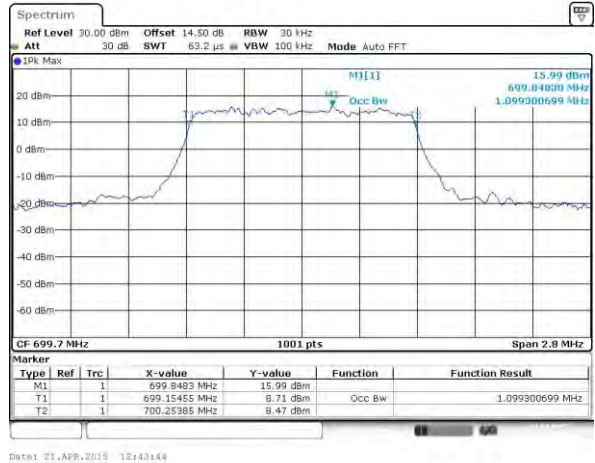
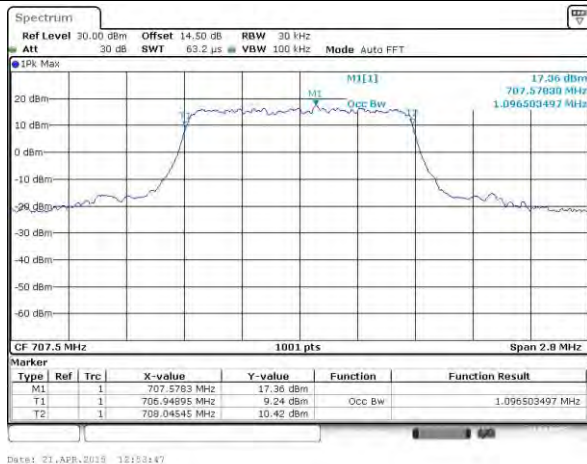
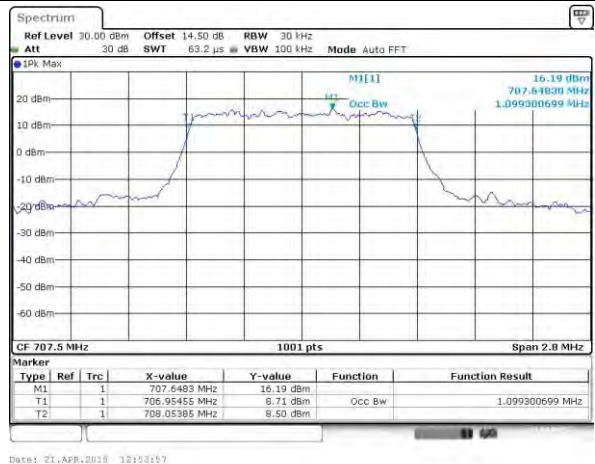
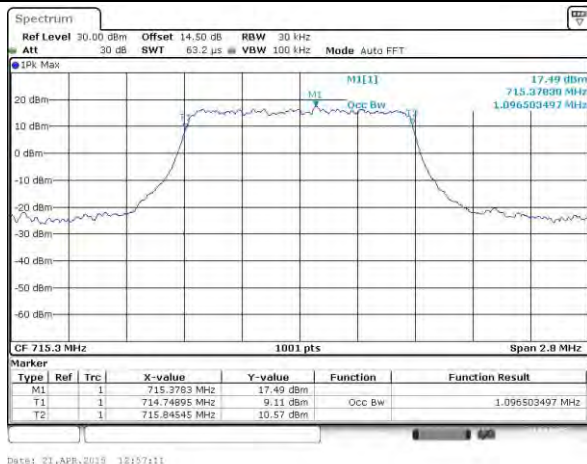
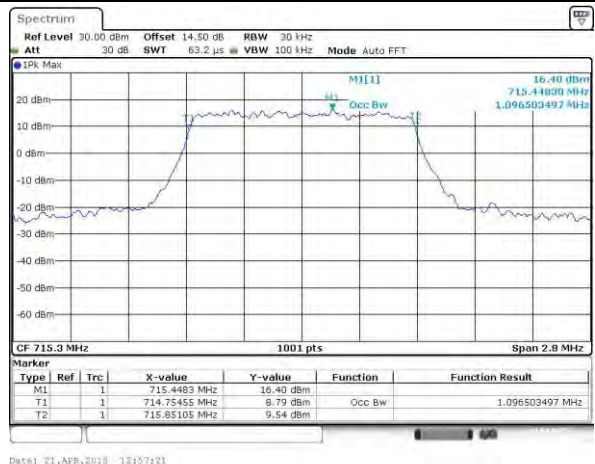


Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

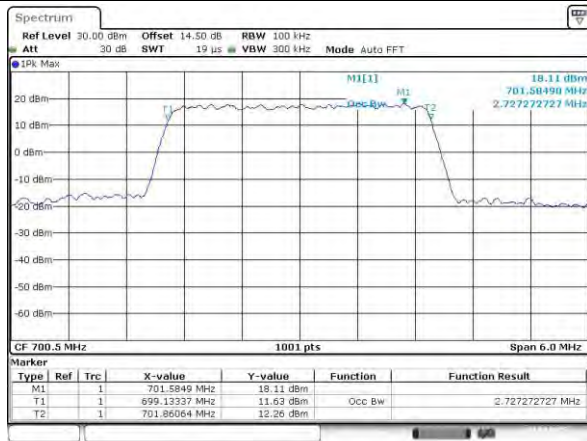


**LTE Band 12****Lowest Channel / 1.4MHz / QPSK****Lowest Channel / 1.4MHz / 16QAM****Middle Channel / 1.4MHz / QPSK****Middle Channel / 1.4MHz / 16QAM****Highest Channel / 1.4MHz / QPSK****Highest Channel / 1.4MHz / 16QAM**

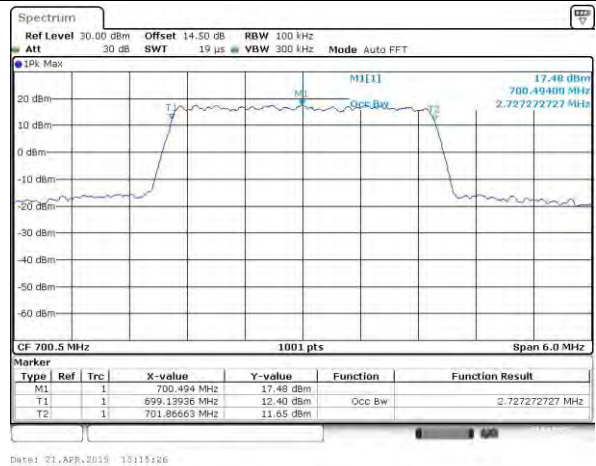


LTE Band 12

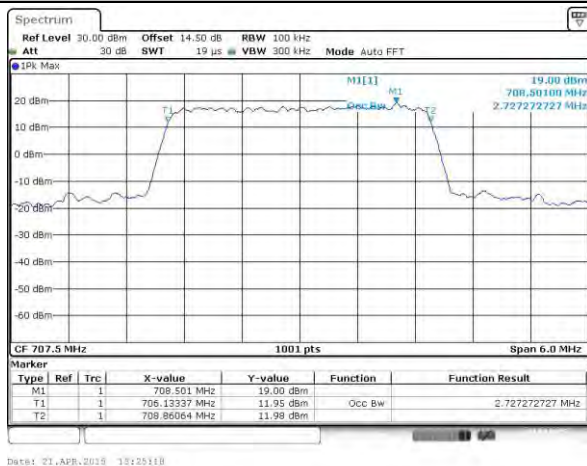
Lowest Channel / 3MHz / QPSK



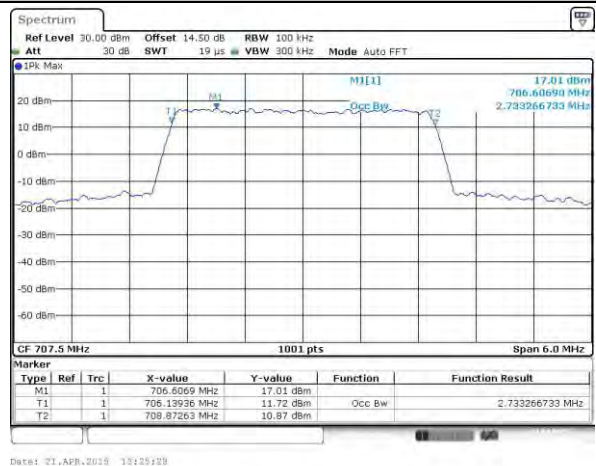
Lowest Channel / 3MHz / 16QAM



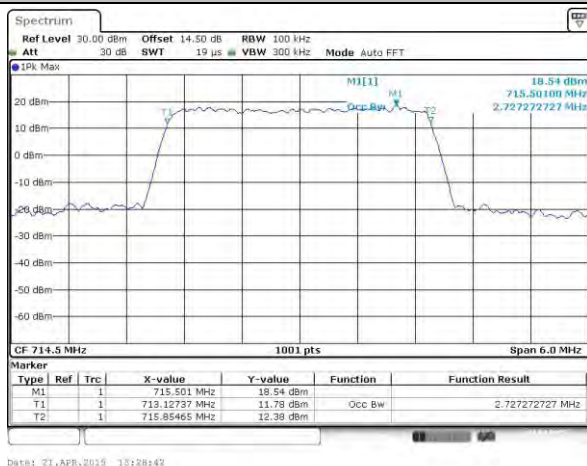
Middle Channel / 3MHz / QPSK



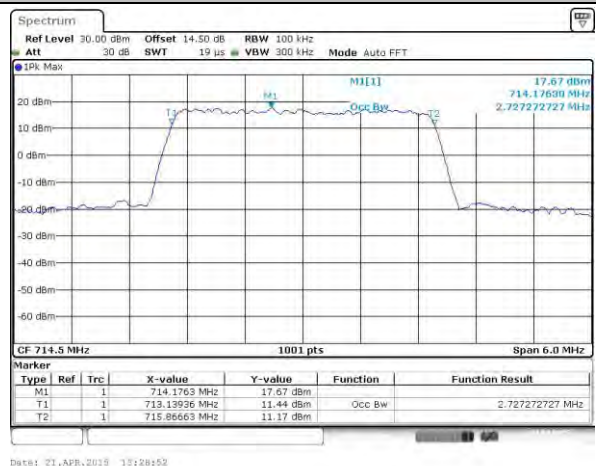
Middle Channel / 3MHz / 16QAM

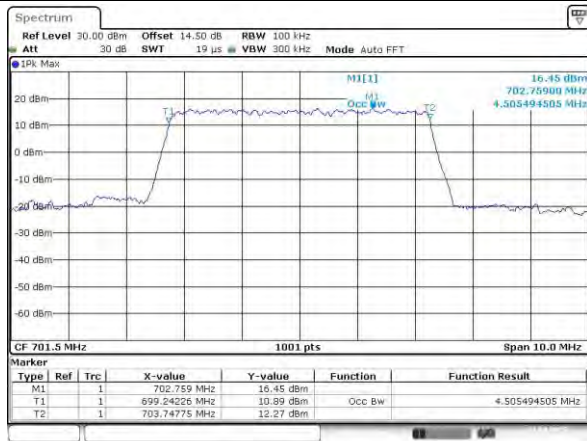


Highest Channel / 3MHz / QPSK

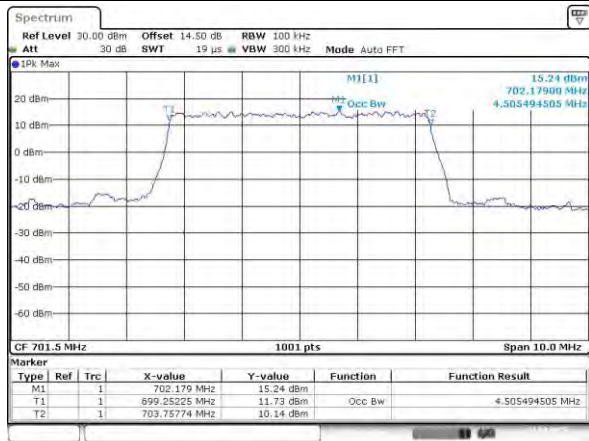


Highest Channel / 3MHz / 16QAM

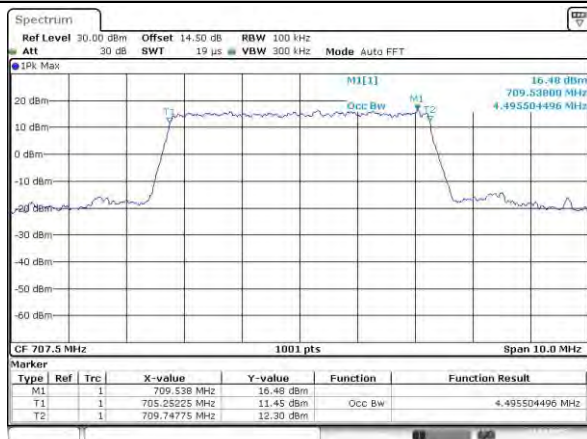


**LTE Band 12****Lowest Channel / 5MHz / QPSK**

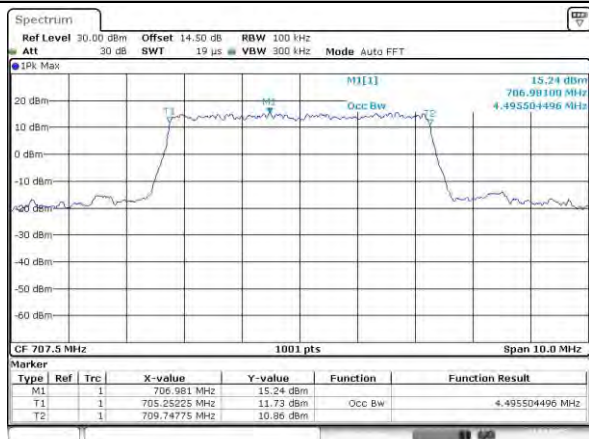
Date: 21.APR.2015 13:38:49

Lowest Channel / 5MHz / 16QAM

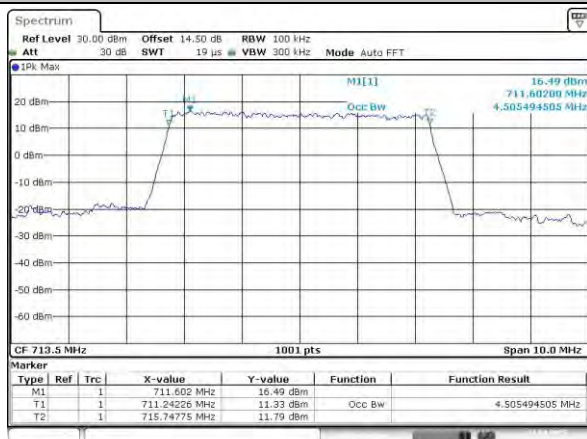
Date: 21.APR.2015 13:38:59

Middle Channel / 5MHz / QPSK

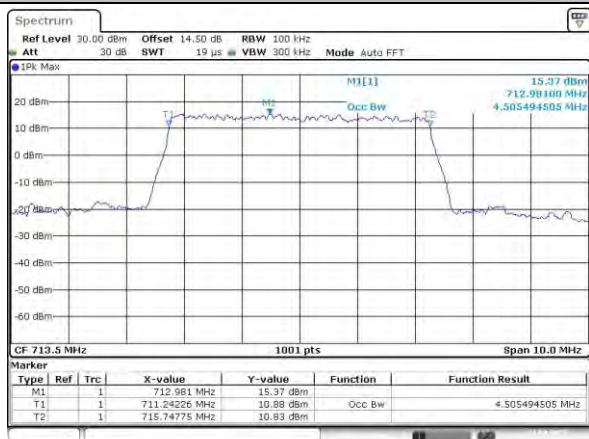
Date: 21.APR.2015 13:48:51

Middle Channel / 5MHz / 16QAM

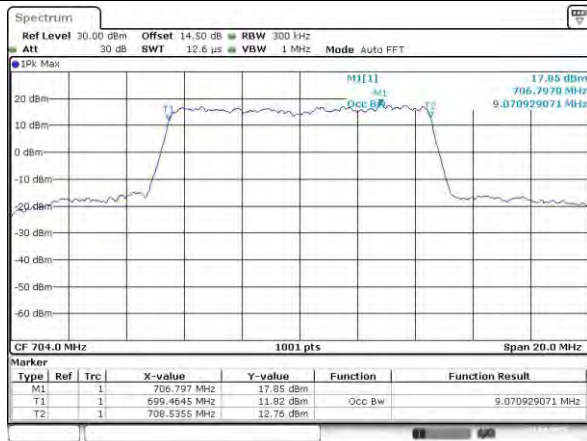
Date: 21.APR.2015 13:49:01

Highest Channel / 5MHz / QPSK

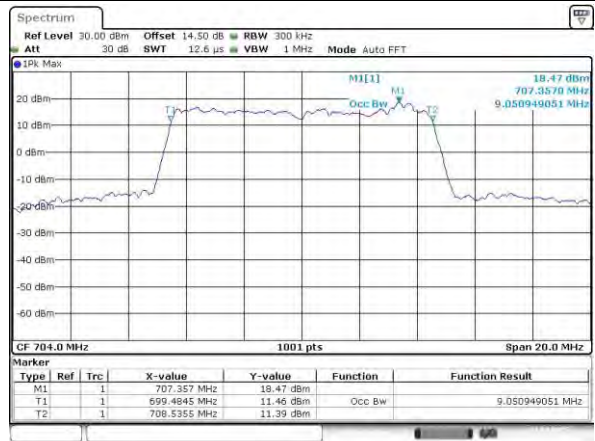
Date: 21.APR.2015 13:53:15

Highest Channel / 5MHz / 16QAM

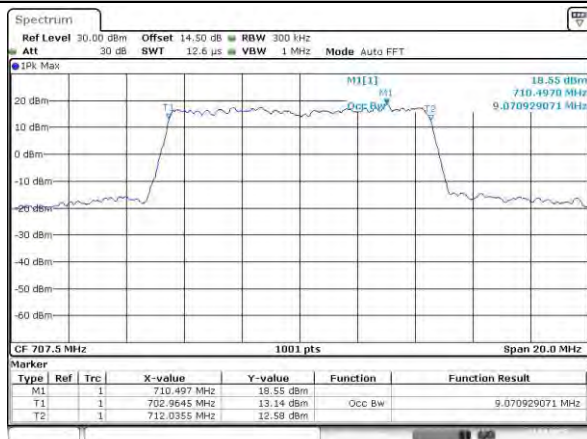
Date: 21.APR.2015 13:53:25

**LTE Band 12****Lowest Channel / 10MHz / QPSK**

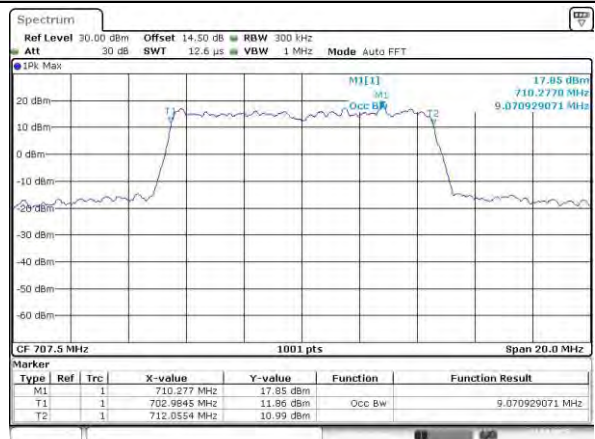
Date: 21.APR.2015 14:02:18

Lowest Channel / 10MHz / 16QAM

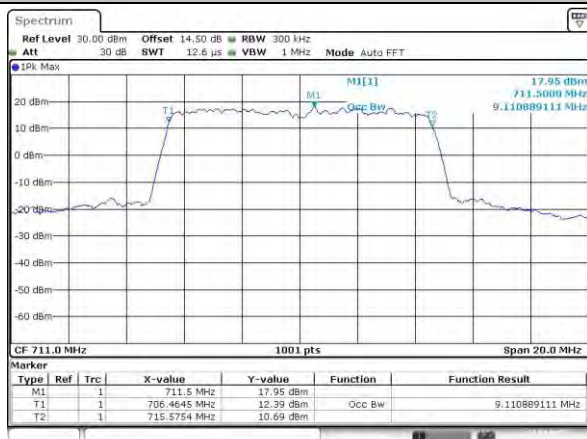
Date: 21.APR.2015 14:02:29

Middle Channel / 10MHz / QPSK

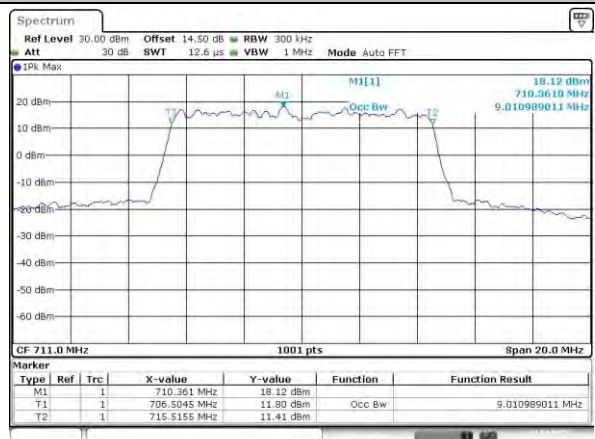
Date: 21.APR.2015 14:12:01

Middle Channel / 10MHz / 16QAM

Date: 21.APR.2015 14:12:01

Highest Channel / 10MHz / QPSK

Date: 21.APR.2015 14:15:45

Highest Channel / 10MHz / 16QAM

Date: 21.APR.2015 14:15:55



Conducted Band Edge



LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 2 / 1.4MHz / 16QAM

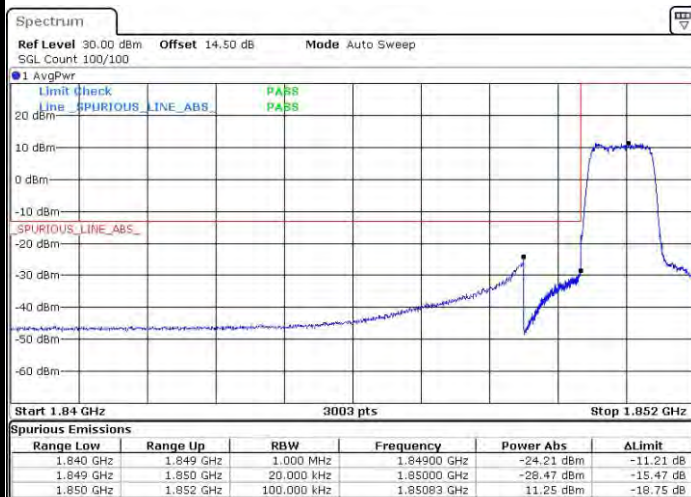
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



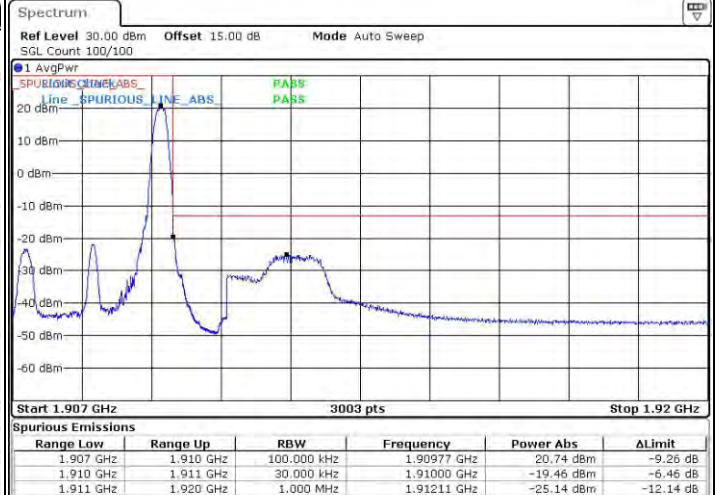


LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



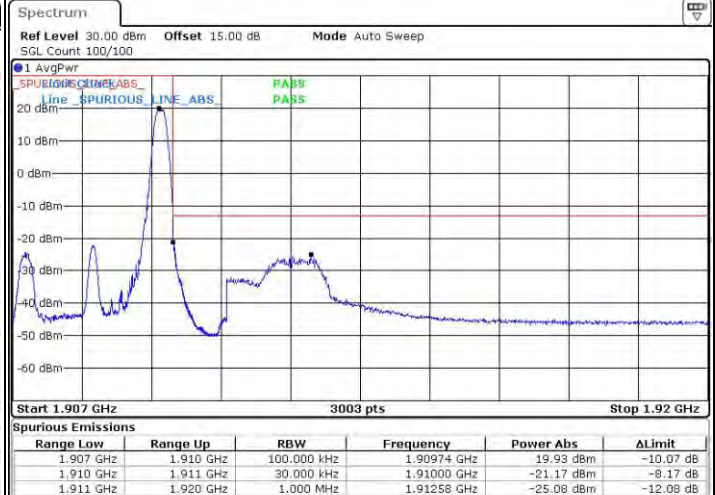


LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



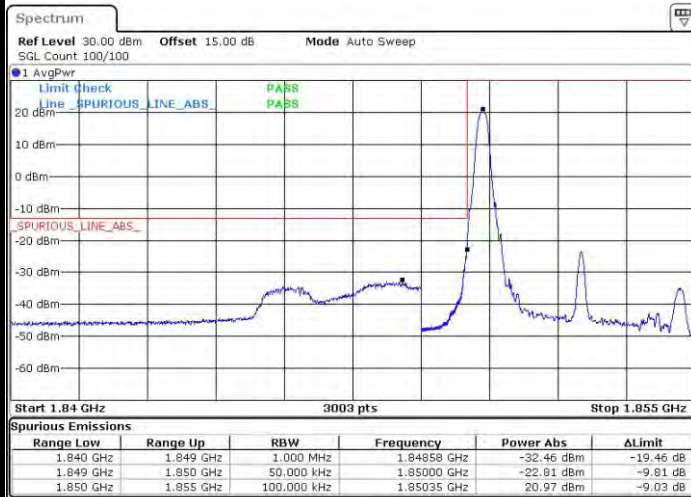
Highest Band Edge / Full RB



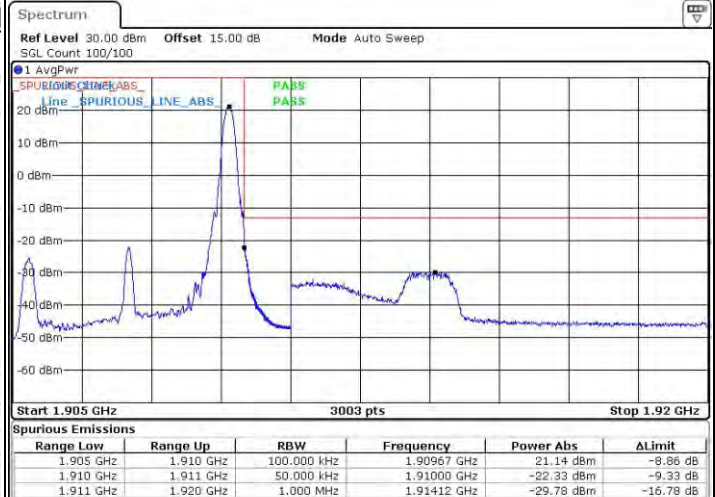


LTE Band 2 / 5MHz / QPSK

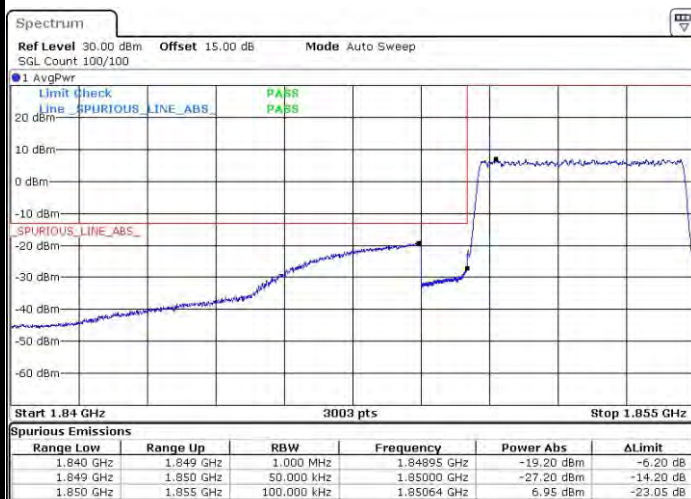
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



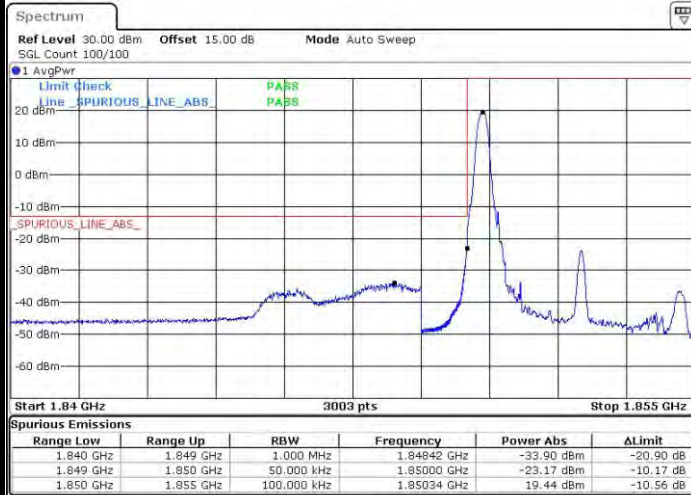
Highest Band Edge / Full RB



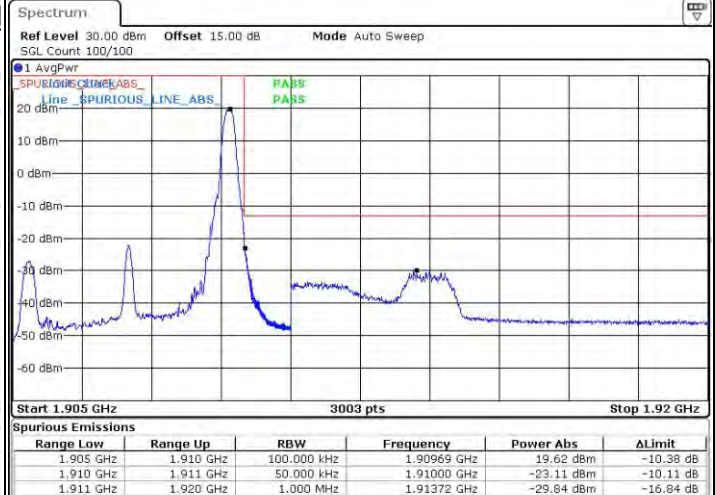


LTE Band 2 / 5MHz / 16QAM

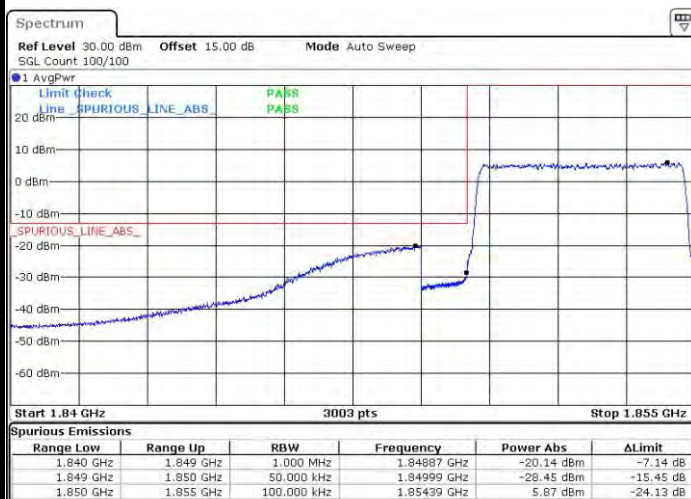
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



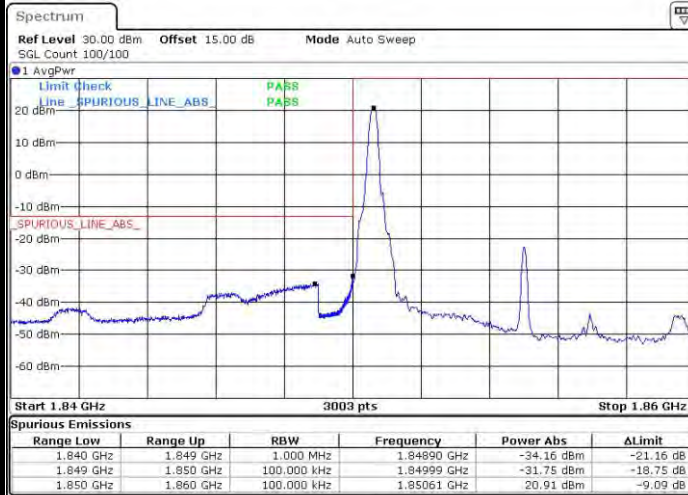
Highest Band Edge / Full RB



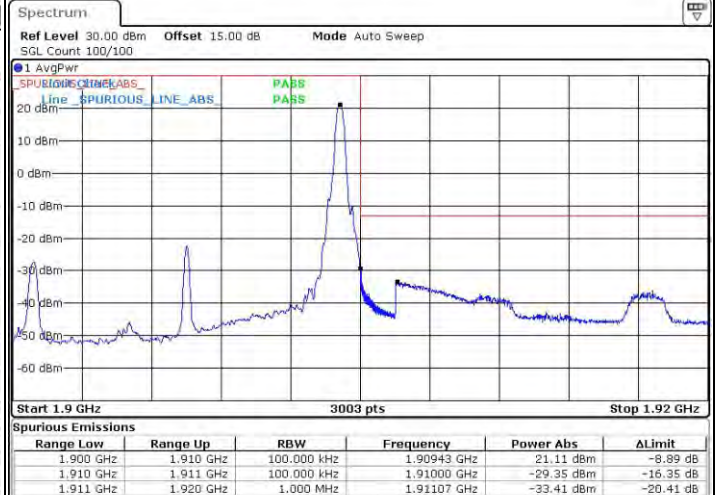


LTE Band 2 / 10MHz / QPSK

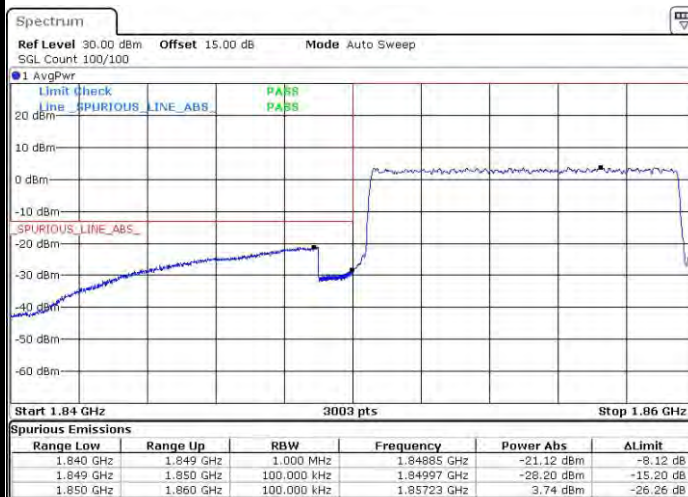
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



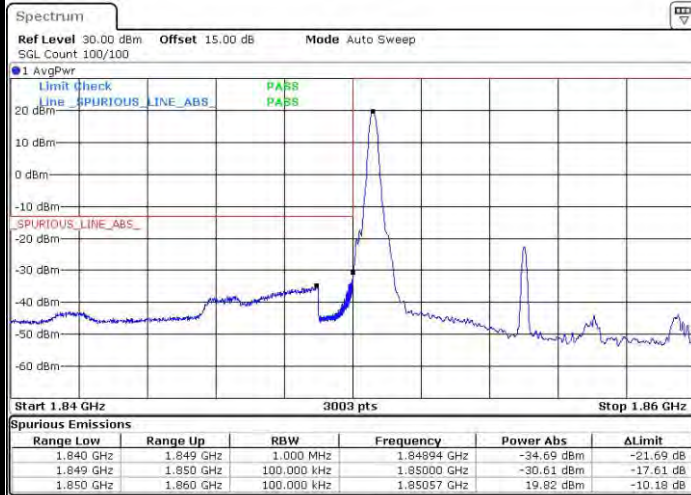
Highest Band Edge / Full RB



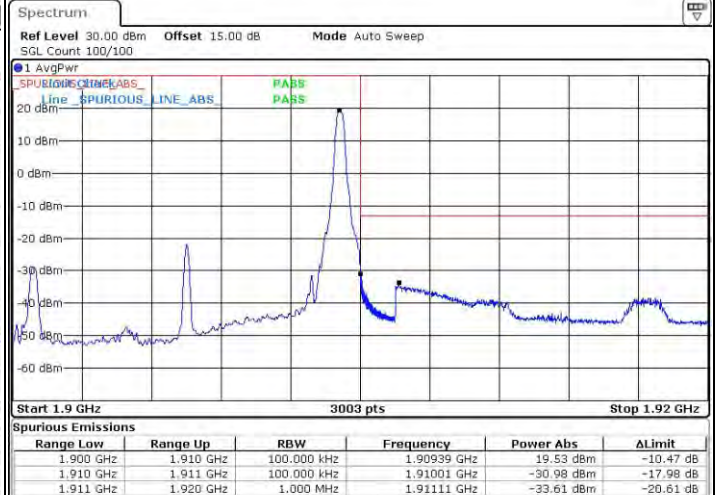


LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



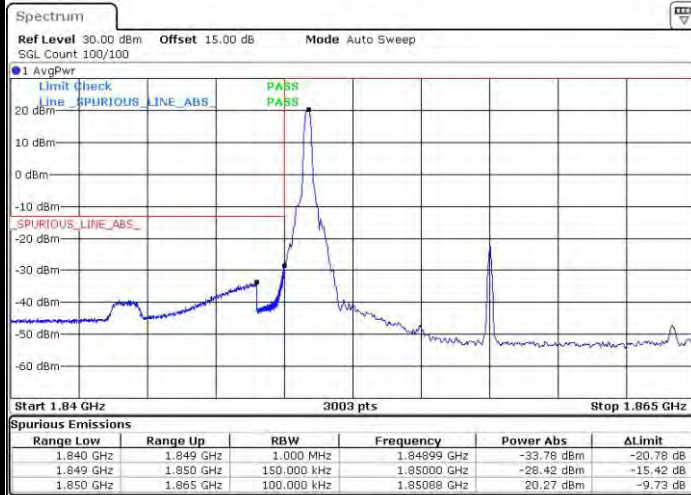
Highest Band Edge / Full RB





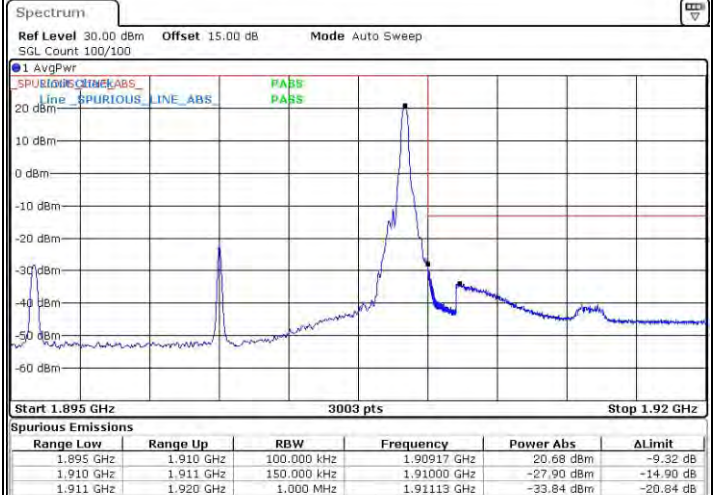
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



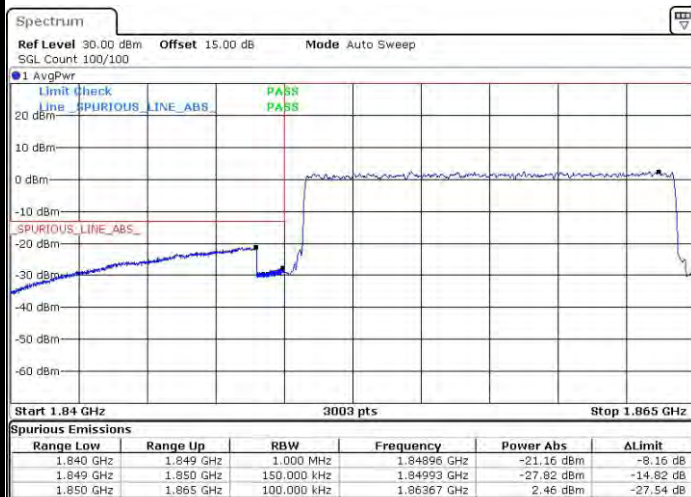
Date: 22.APR.2015 11:46:15

Highest Band Edge / 1 RB



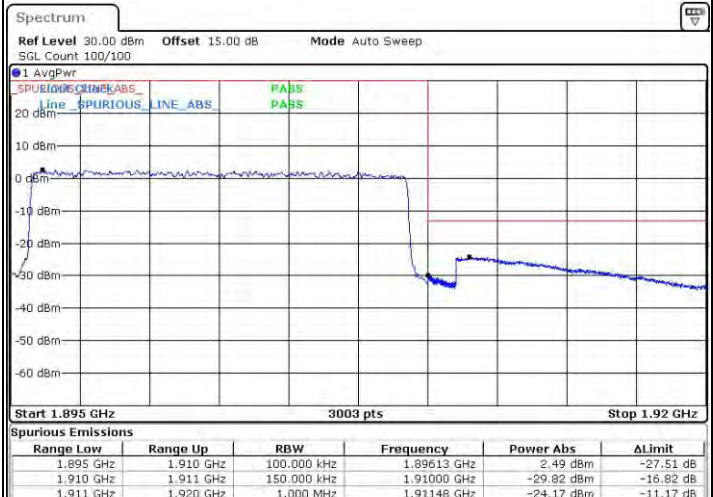
Date: 22.APR.2015 10:26:04

Lowest Band Edge / Full RB



Date: 22.APR.2015 10:07:16

Highest Band Edge / Full RB

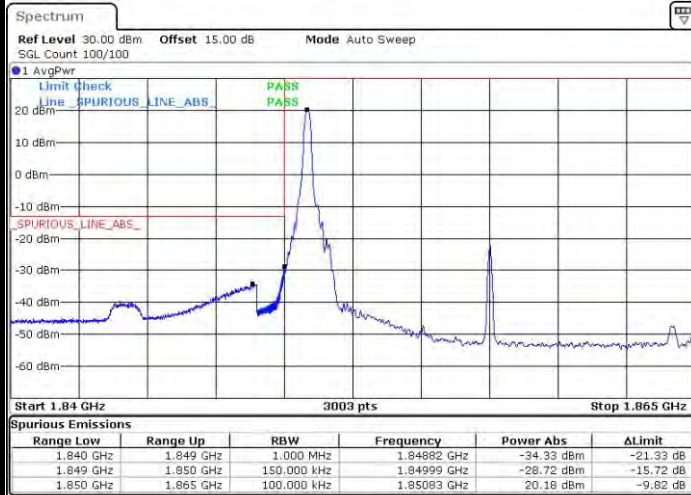


Date: 22.APR.2015 10:29:18

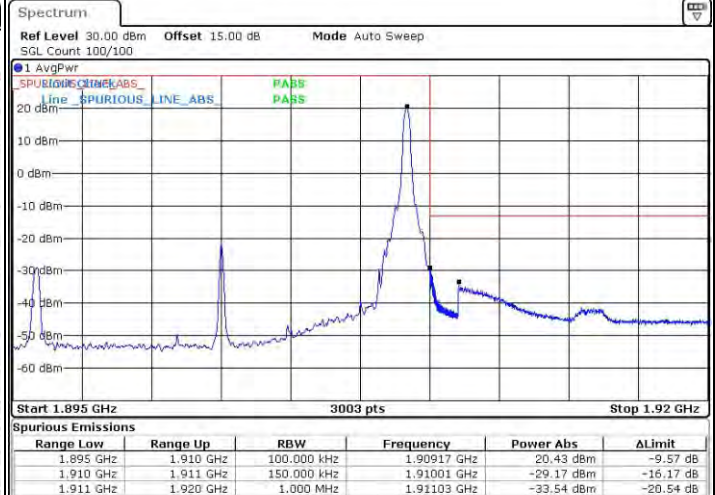


LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



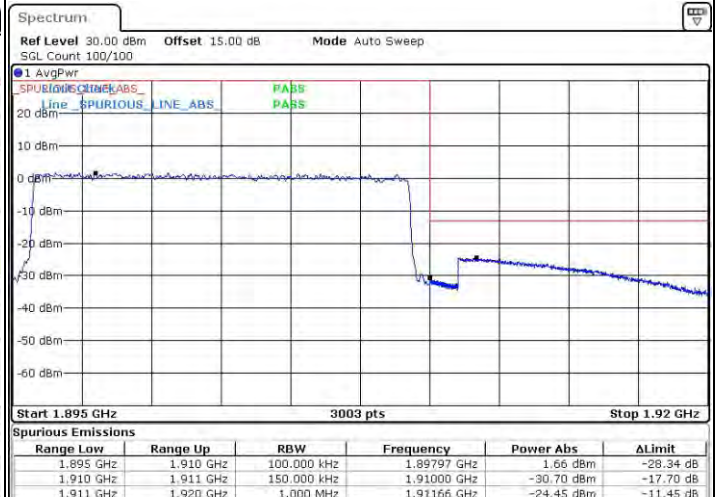
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



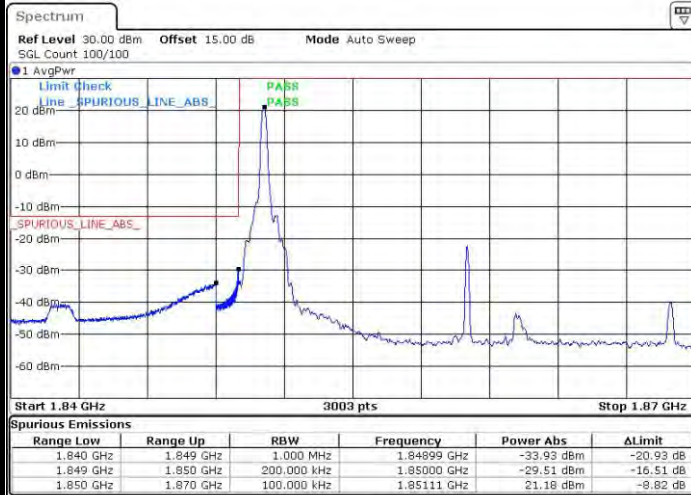
Highest Band Edge / Full RB



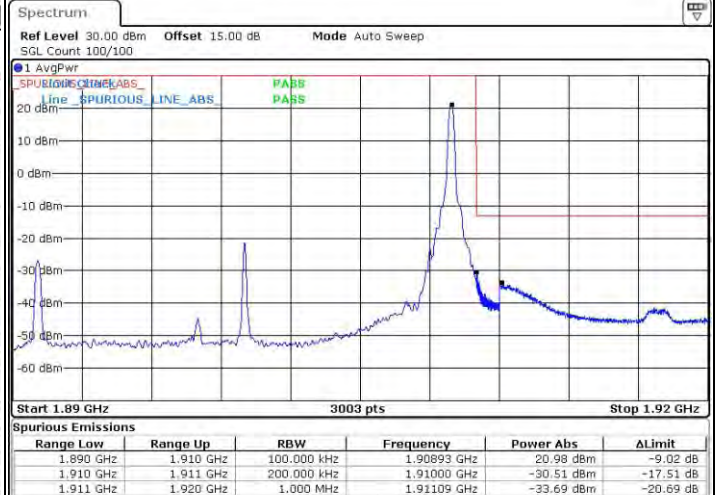


LTE Band 2 / 20MHz / QPSK

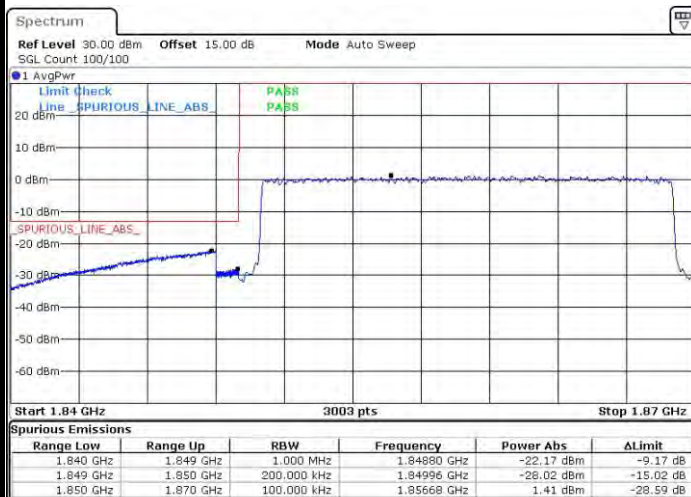
Lowest Band Edge / 1 RB



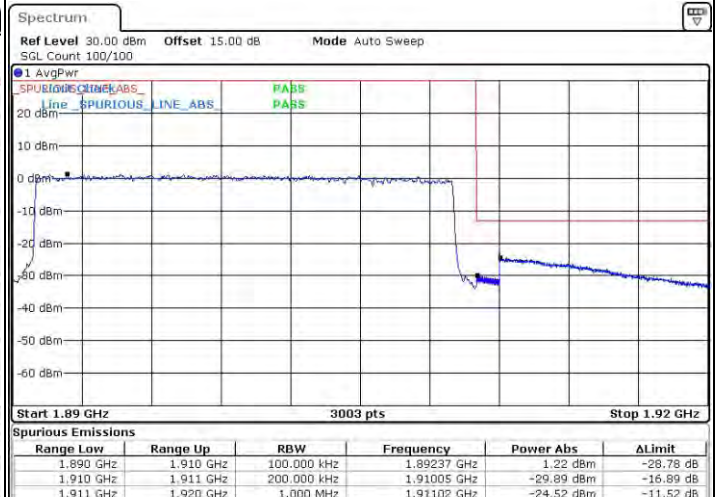
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



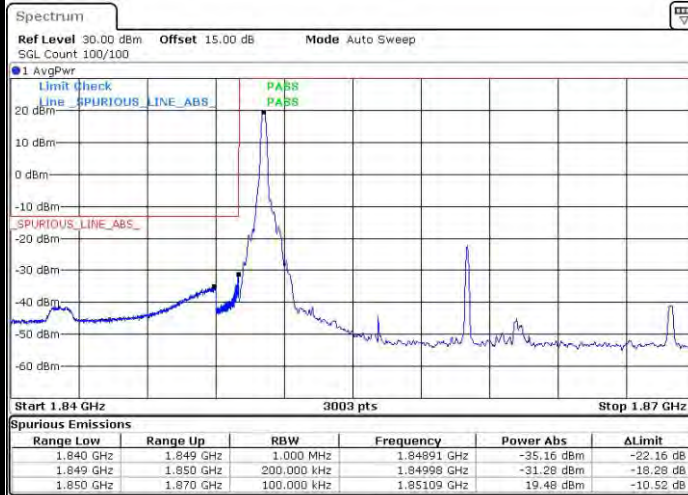
Highest Band Edge / Full RB



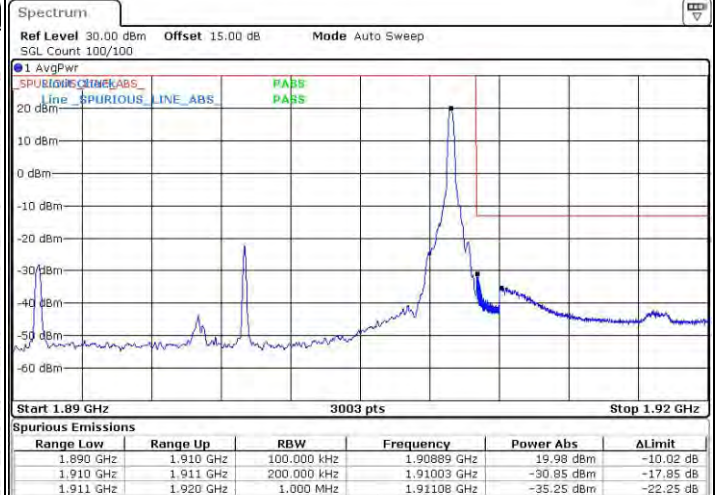


LTE Band 2 / 20MHz / 16QAM

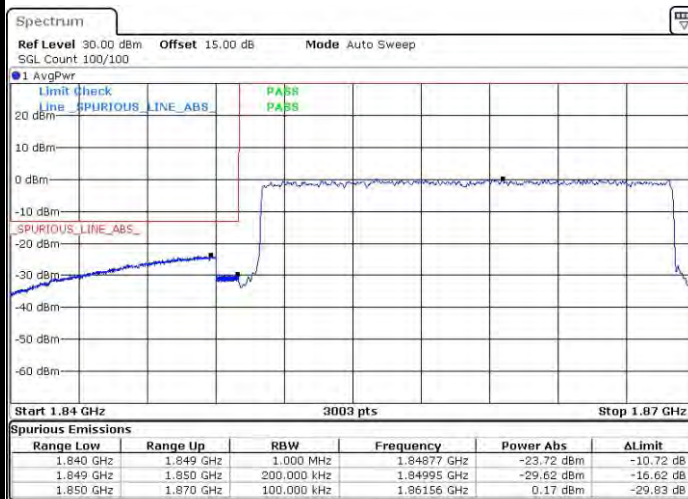
Lowest Band Edge / 1 RB



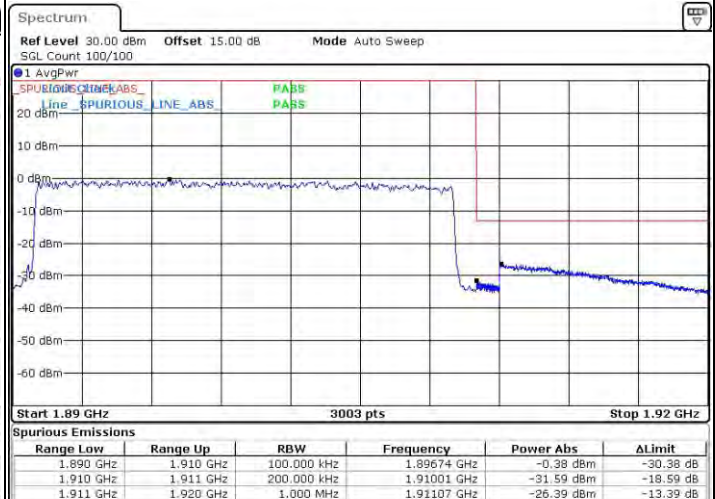
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / QPSK

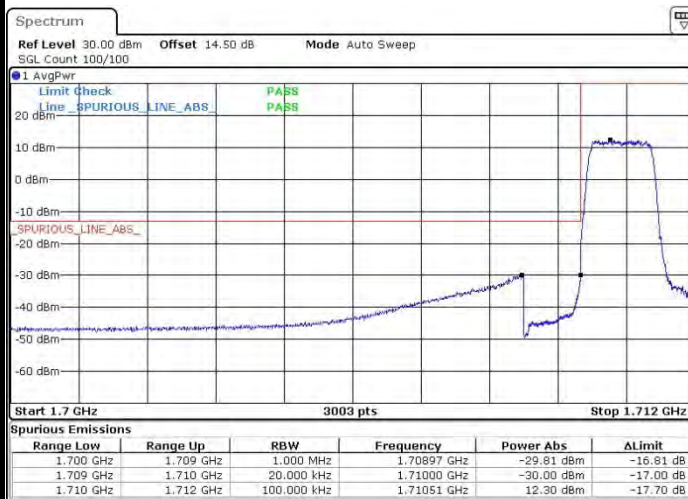
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



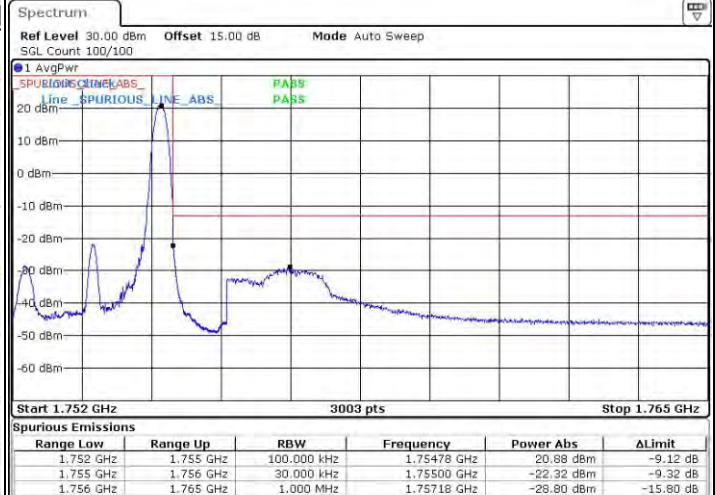


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



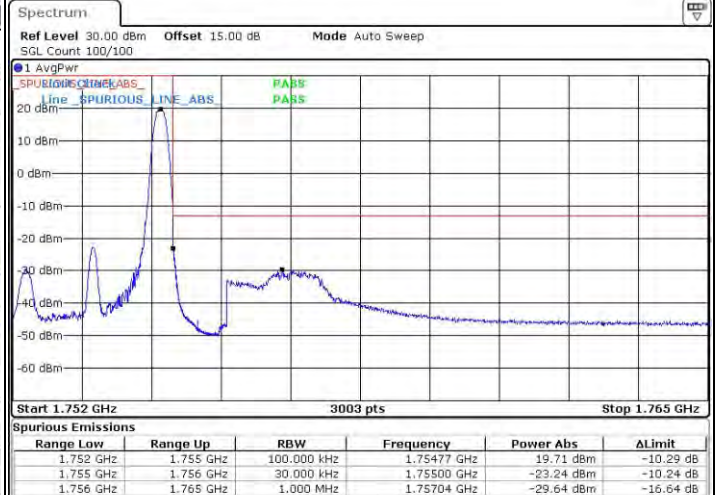


LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



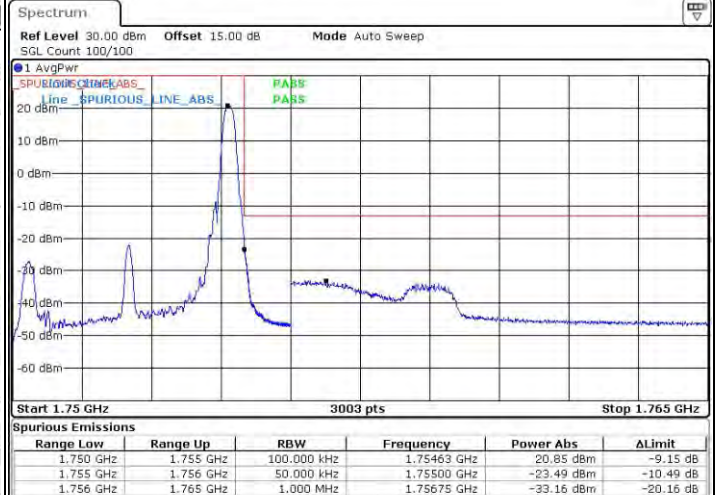


LTE Band 4 / 5MHz / QPSK

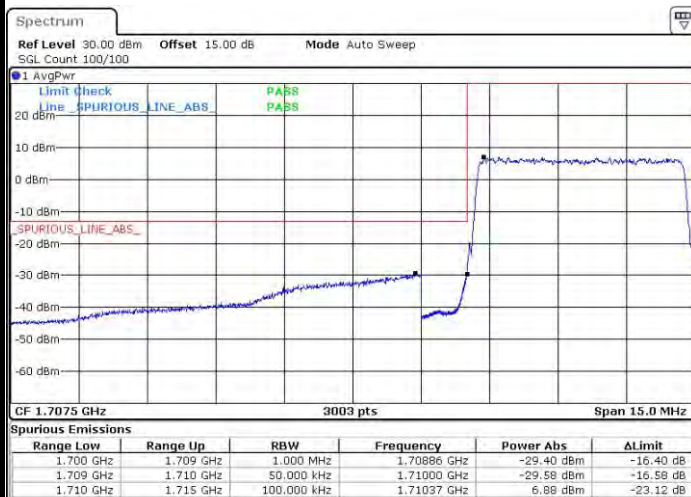
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



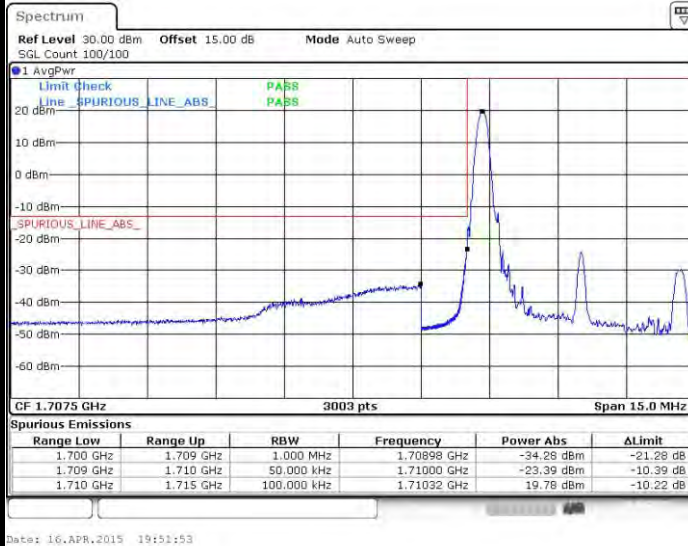
Highest Band Edge / Full RB



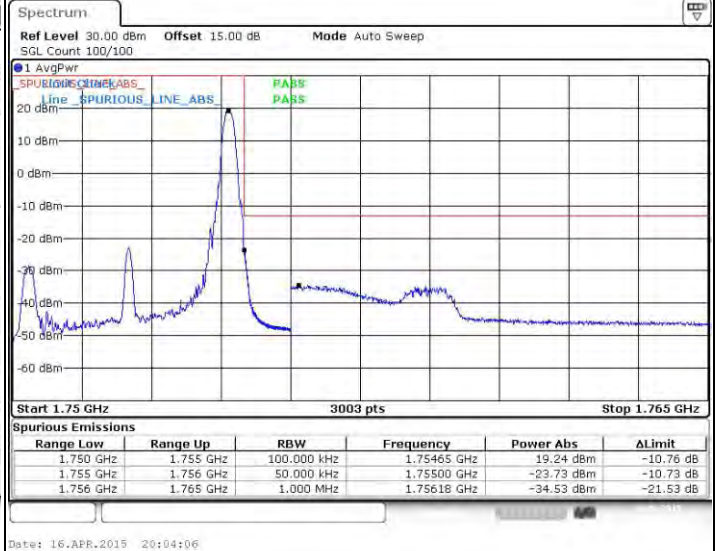


LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



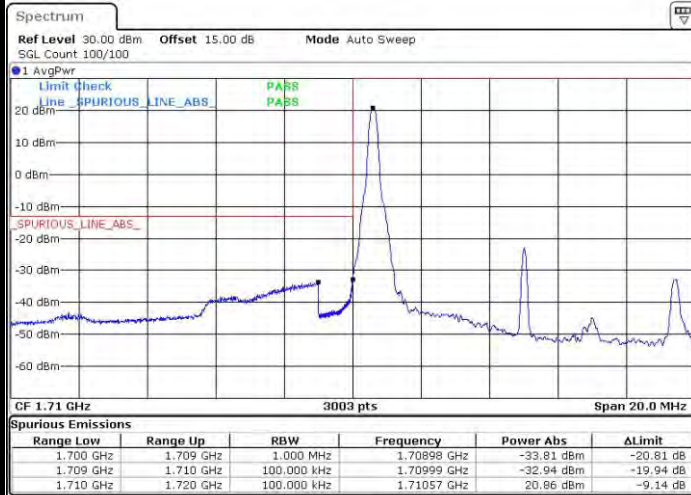
Highest Band Edge / Full RB



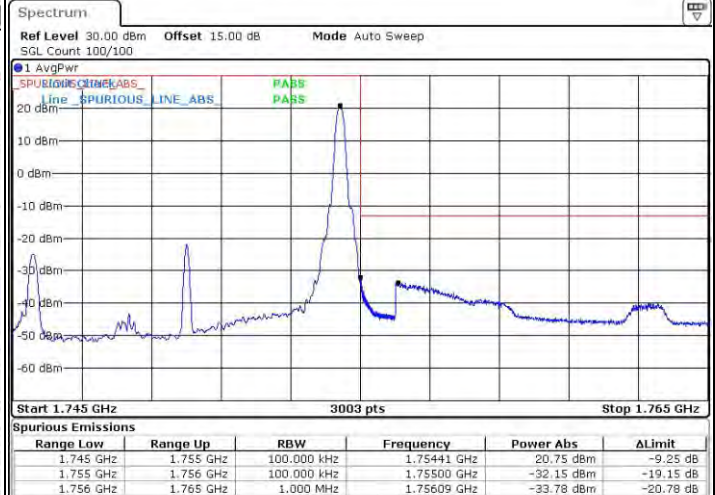


LTE Band 4 / 10MHz / QPSK

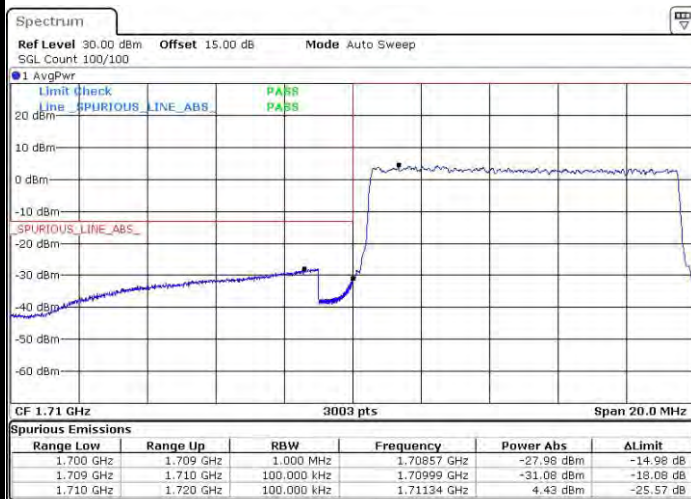
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



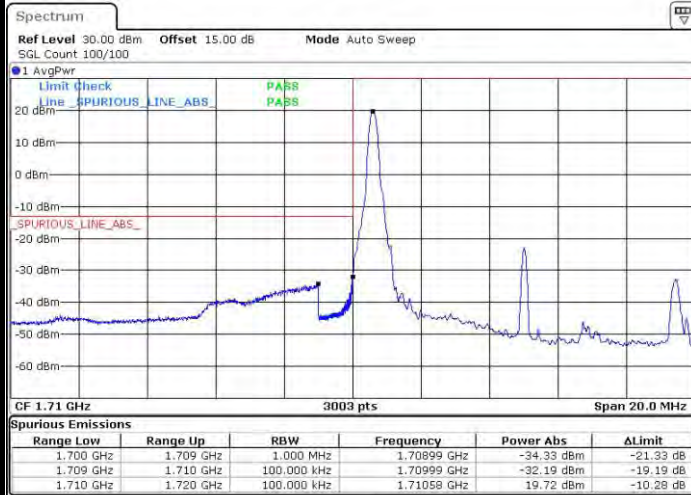
Highest Band Edge / Full RB



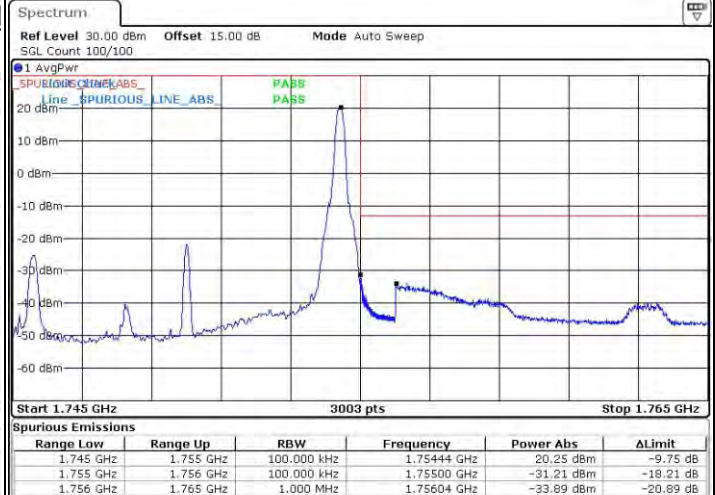


LTE Band 4 / 10MHz / 16QAM

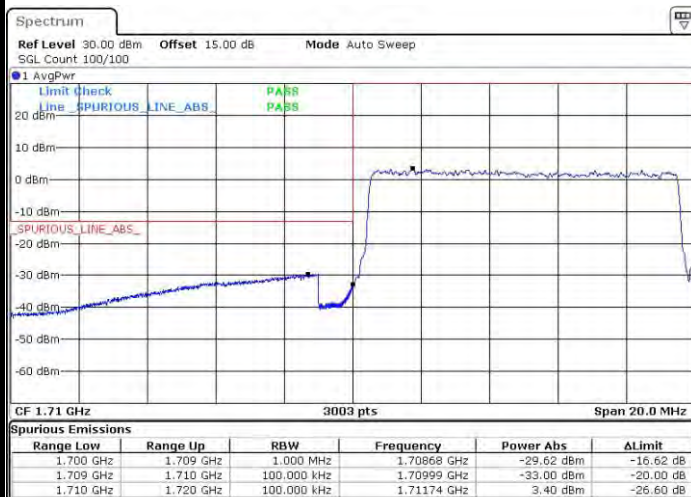
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



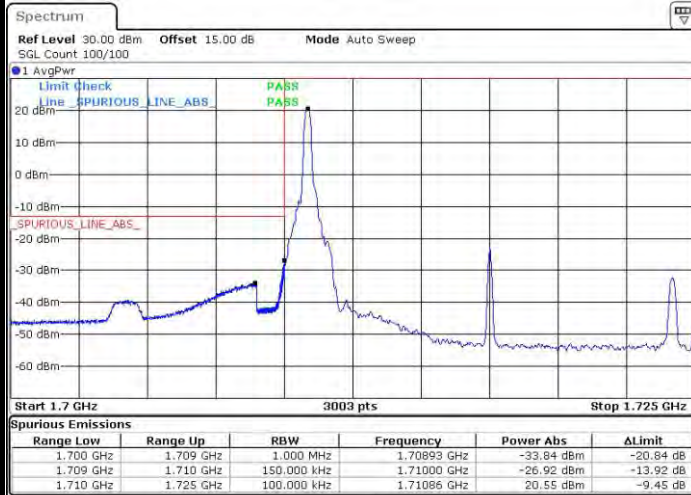
Highest Band Edge / Full RB



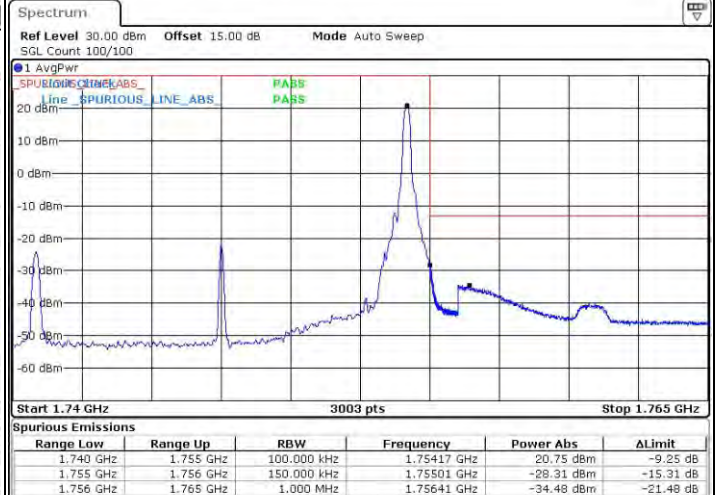


LTE Band 4 / 15MHz / QPSK

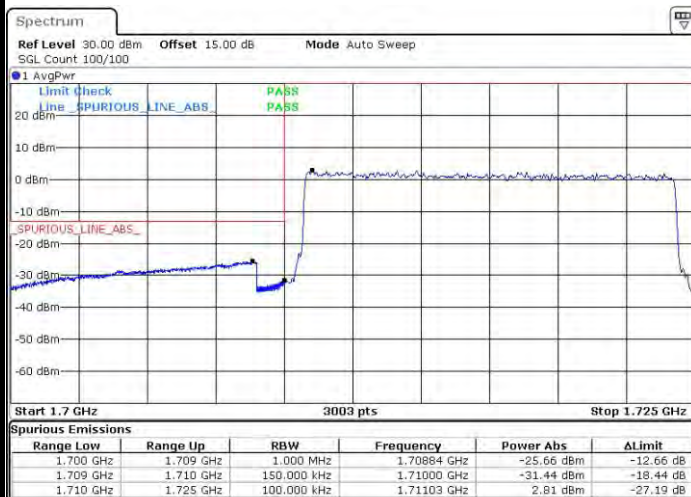
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



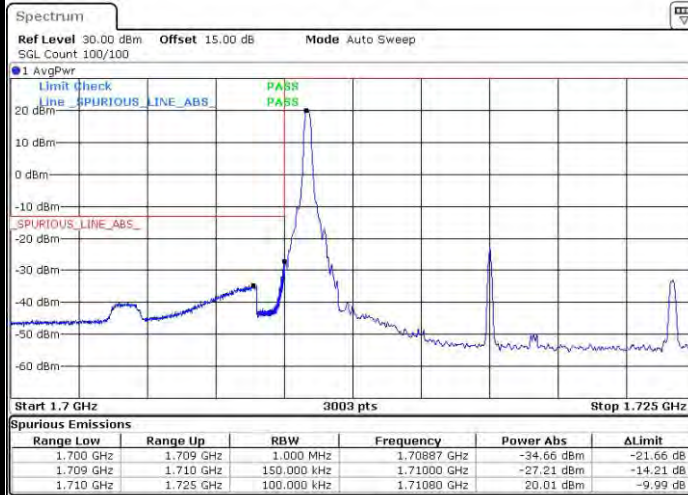
Highest Band Edge / Full RB



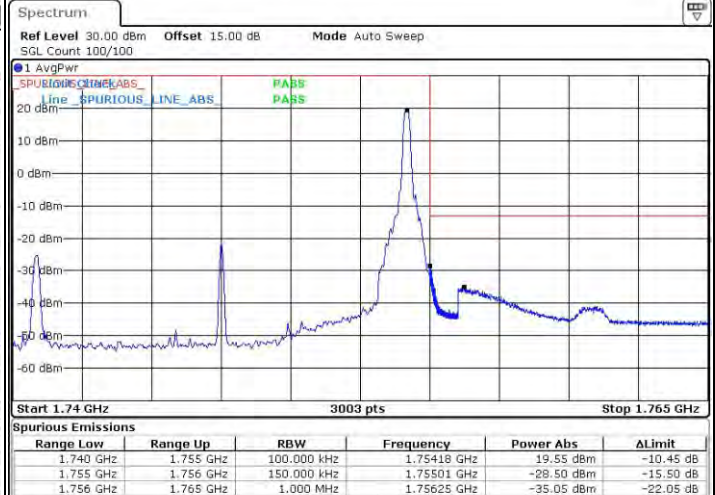


LTE Band 4 / 15MHz / 16QAM

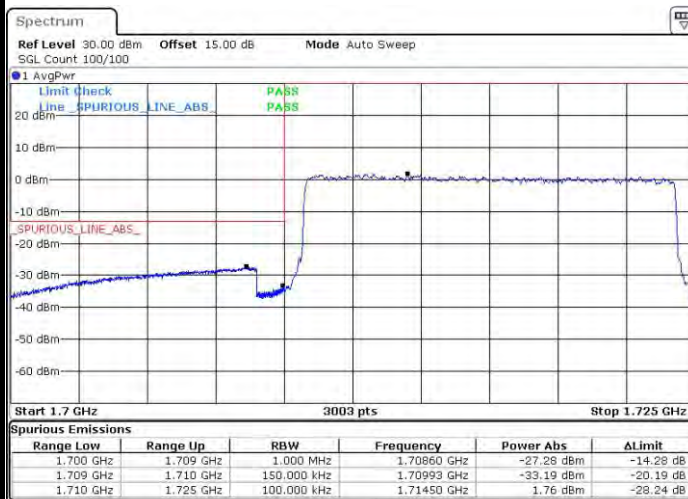
Lowest Band Edge / 1 RB



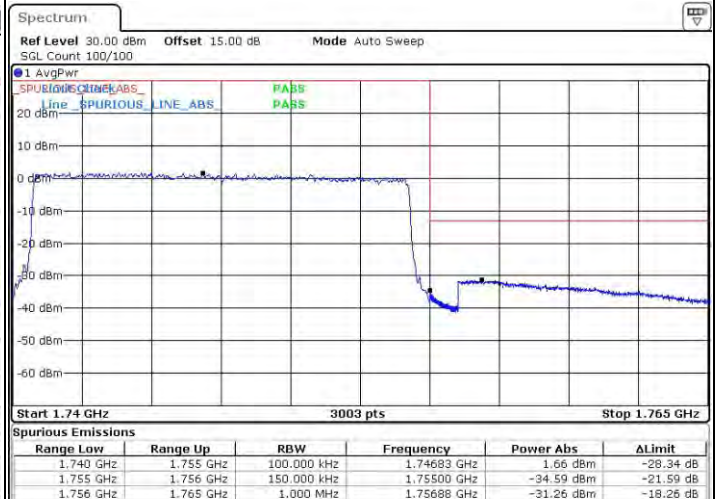
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



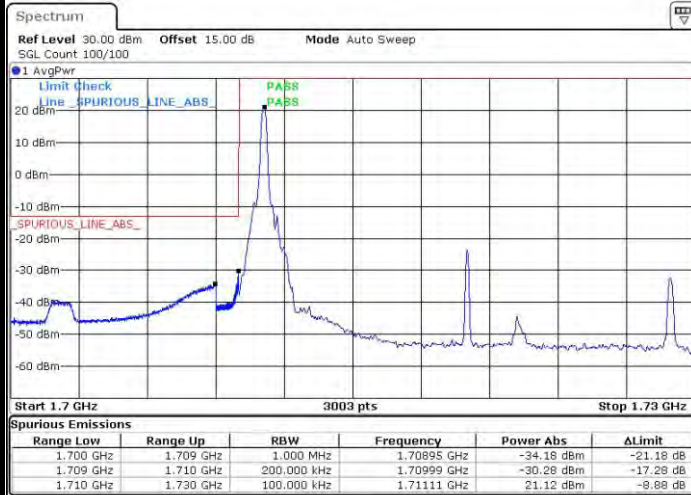
Highest Band Edge / Full RB



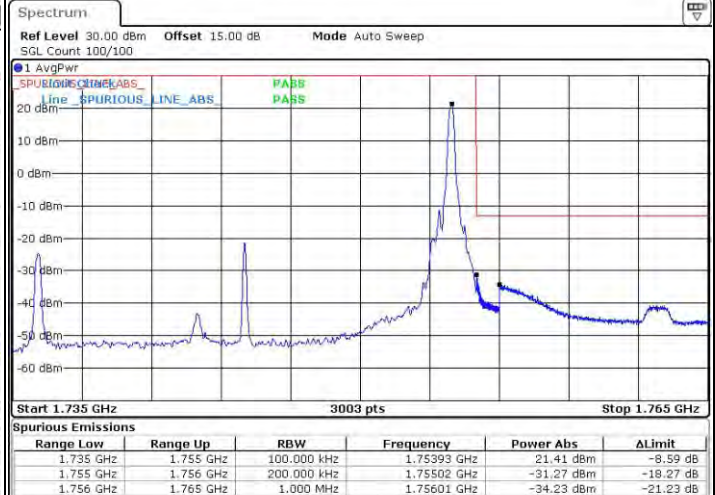


LTE Band 4 / 20MHz / QPSK

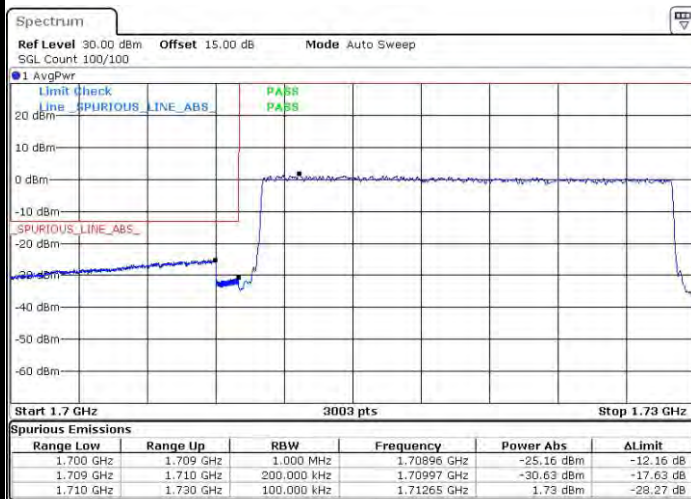
Lowest Band Edge / 1 RB



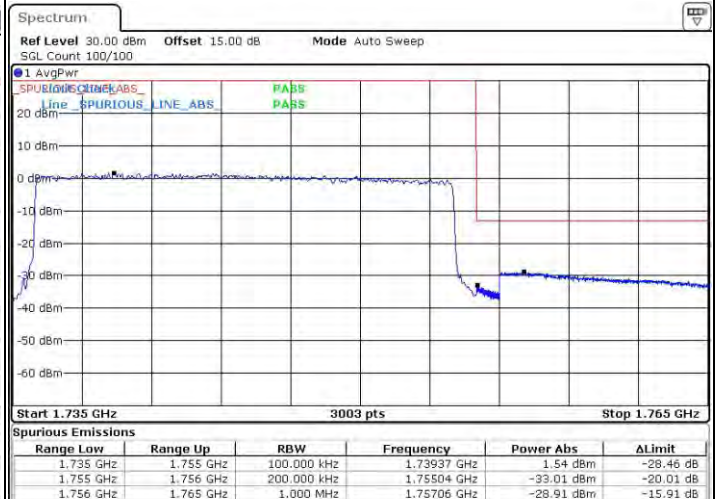
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



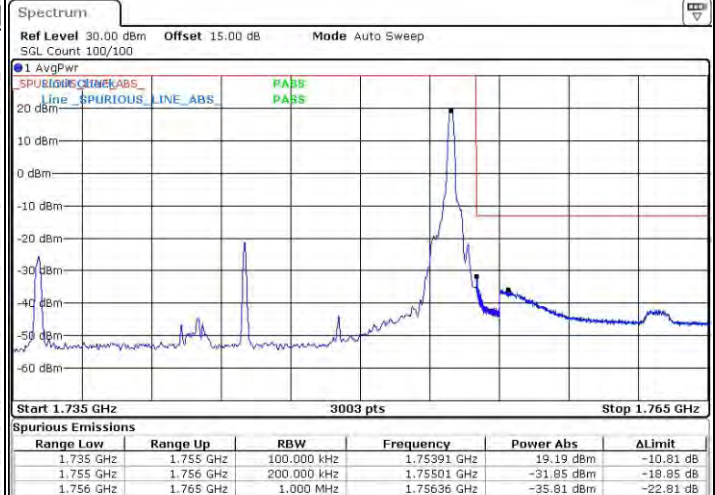


LTE Band 4 / 20MHz / 16QAM

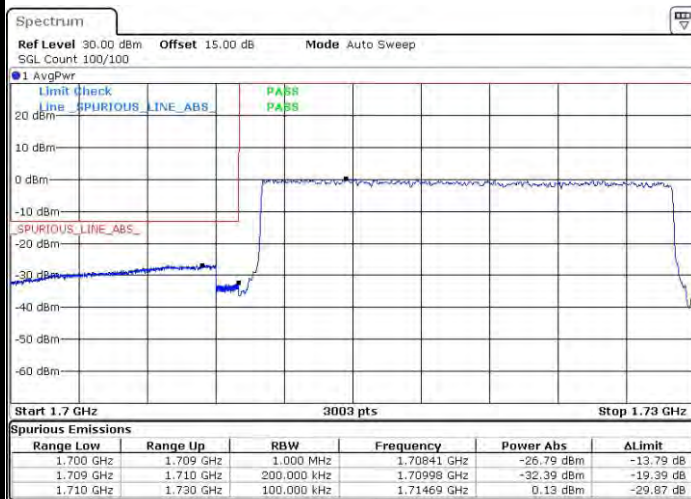
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

