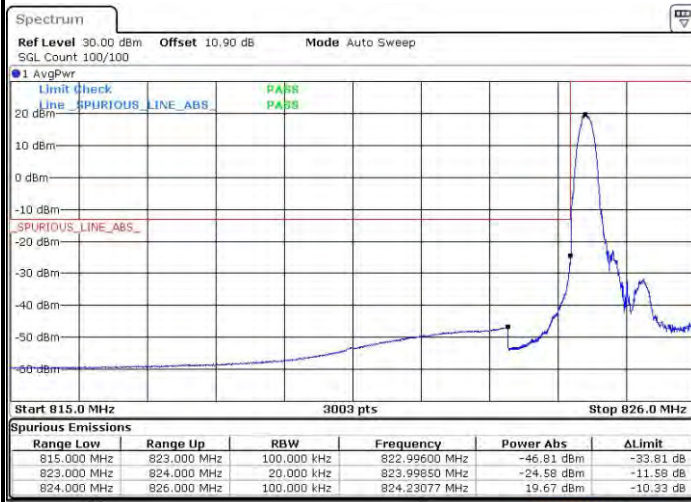




LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



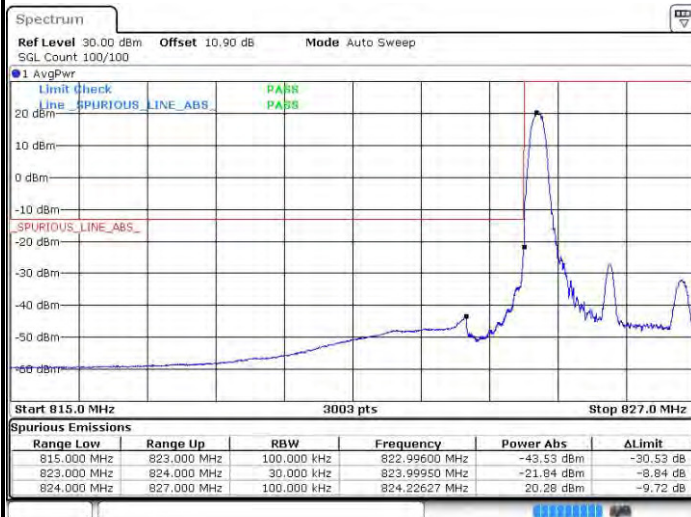
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

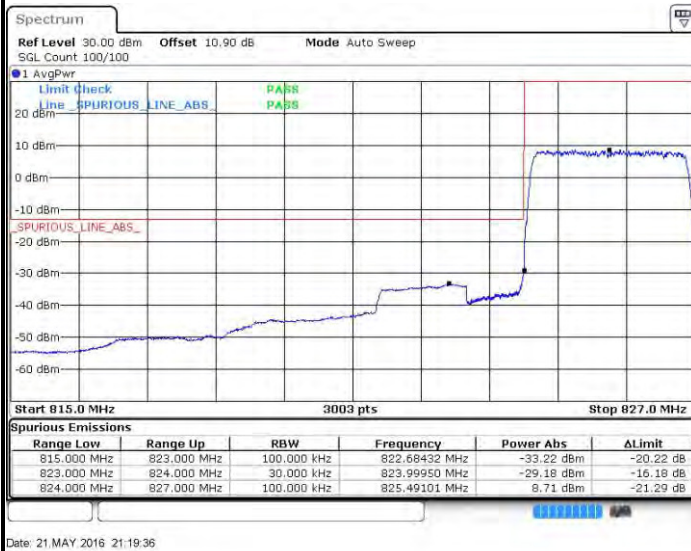
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



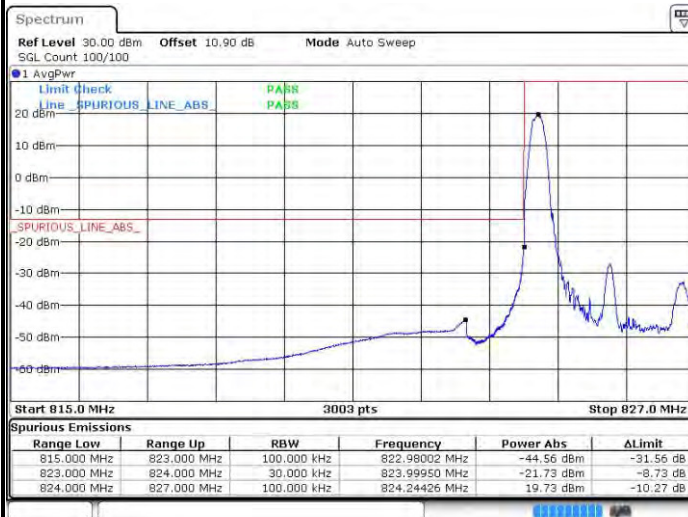
Highest Band Edge / Full RB



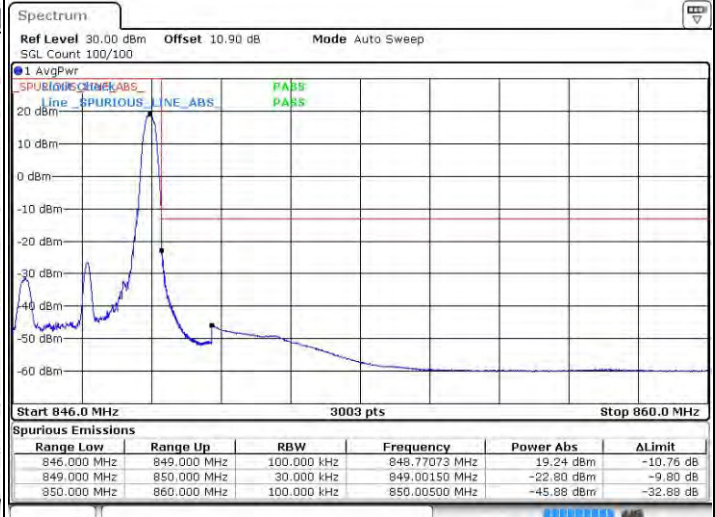


LTE Band 5 / 3MHz / 16QAM

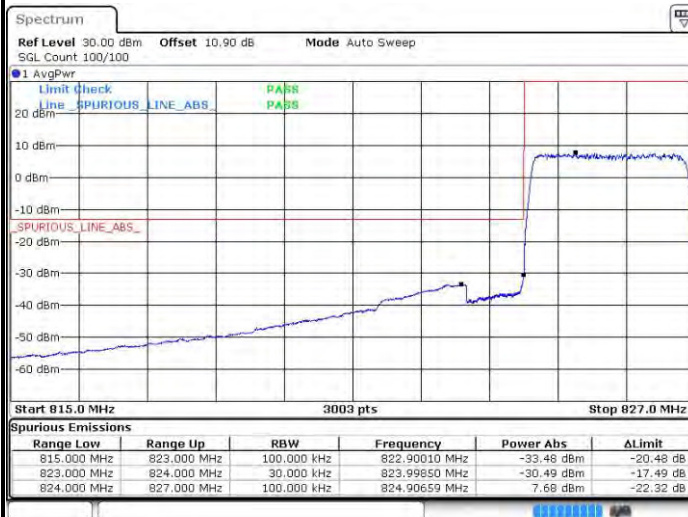
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



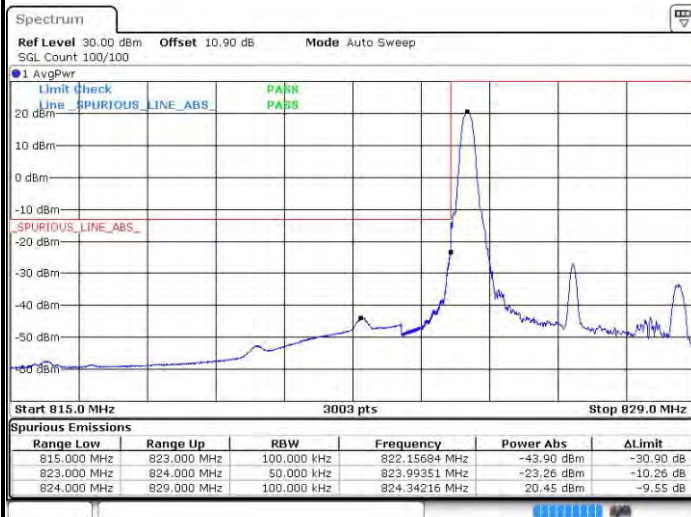
Highest Band Edge / Full RB



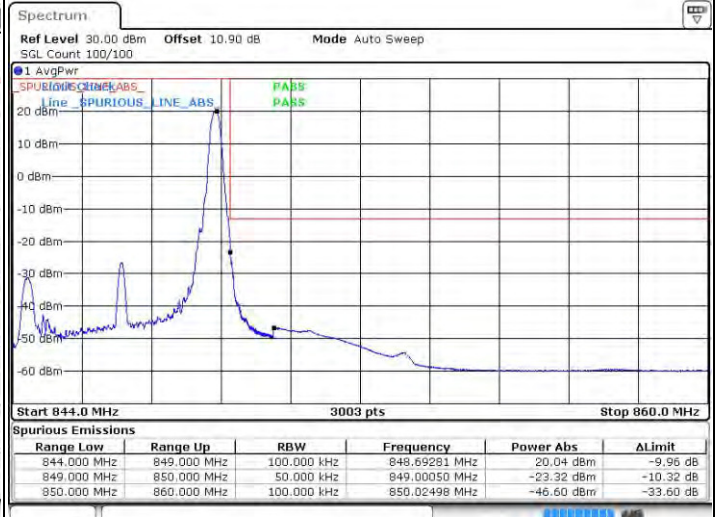


LTE Band 5 / 5MHz / QPSK

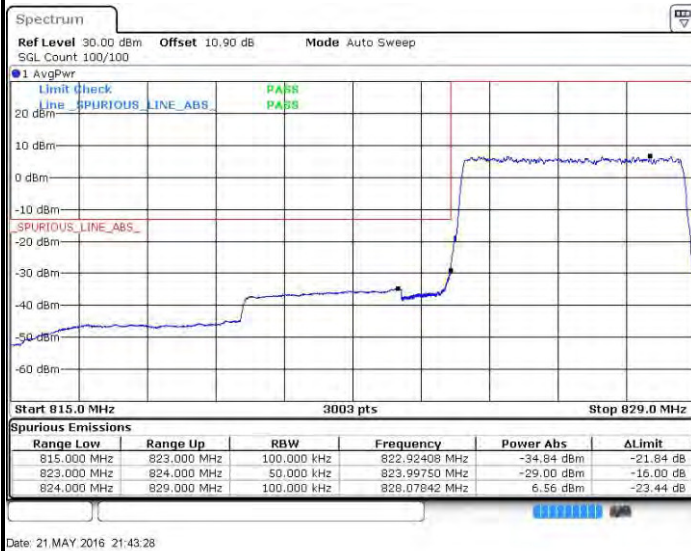
Lowest Band Edge / 1 RB



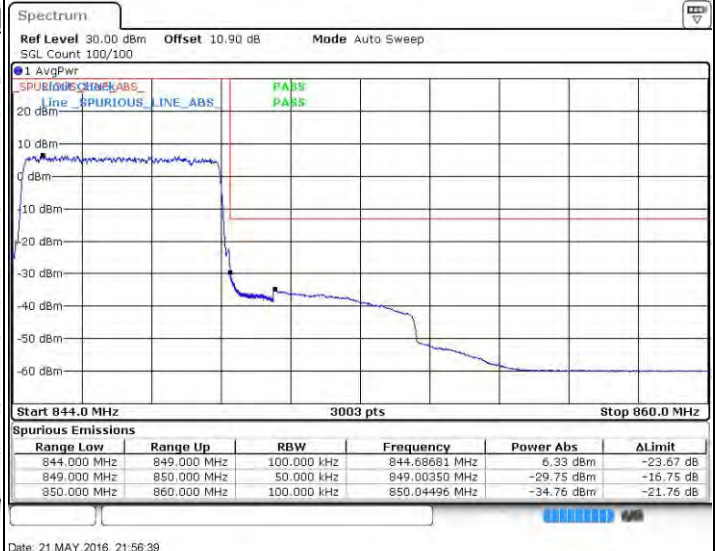
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



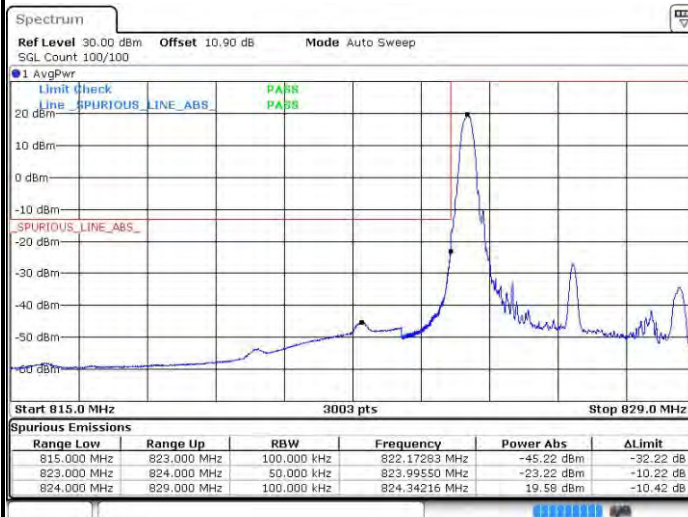
Highest Band Edge / Full RB



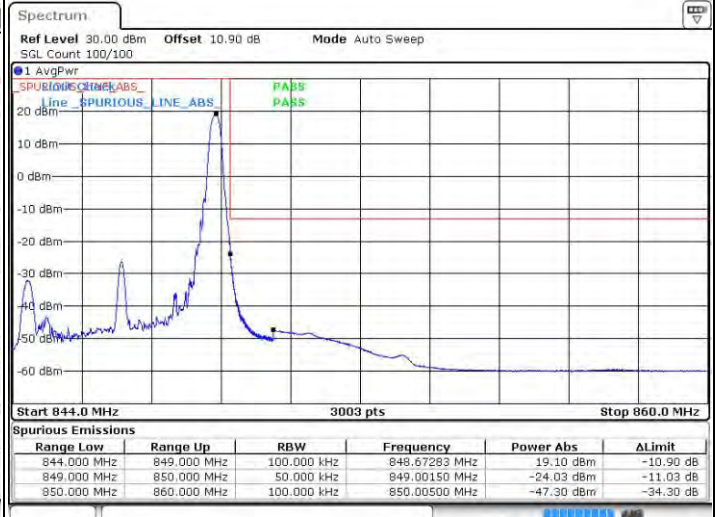


LTE Band 5 / 5MHz / 16QAM

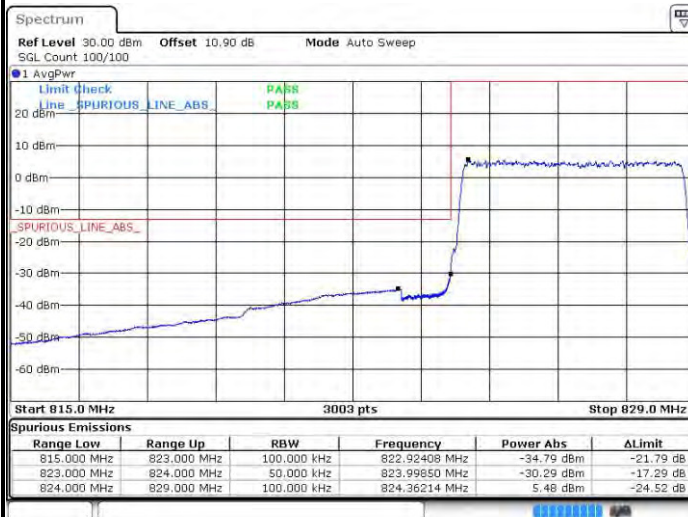
Lowest Band Edge / 1RB



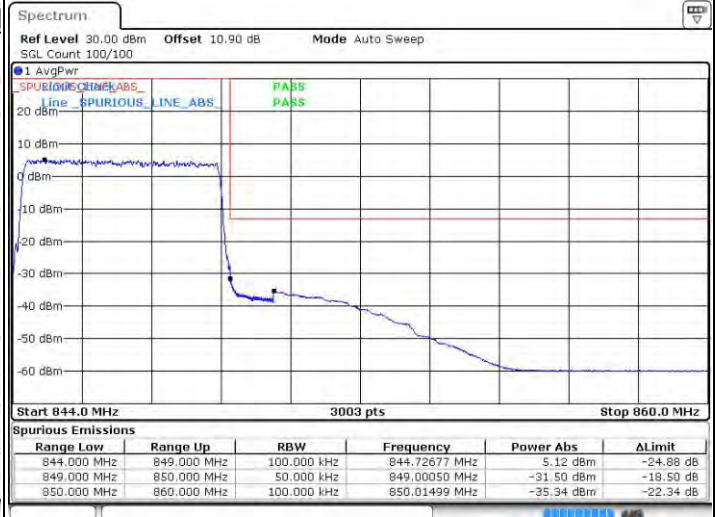
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



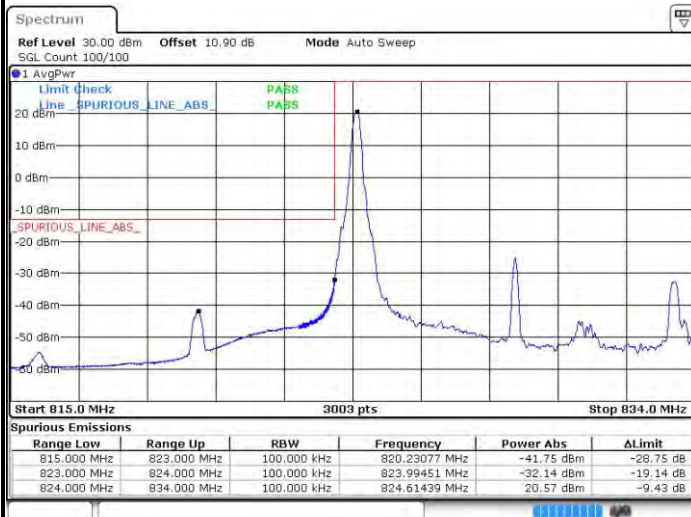
Highest Band Edge / Full RB



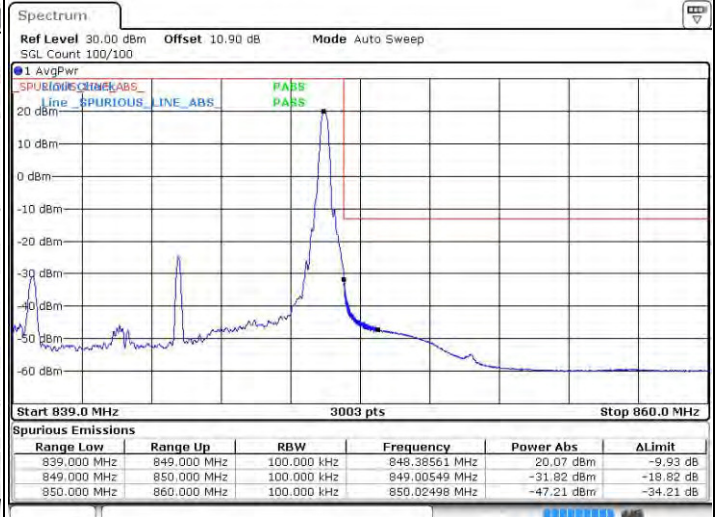


LTE Band 5 / 10MHz / QPSK

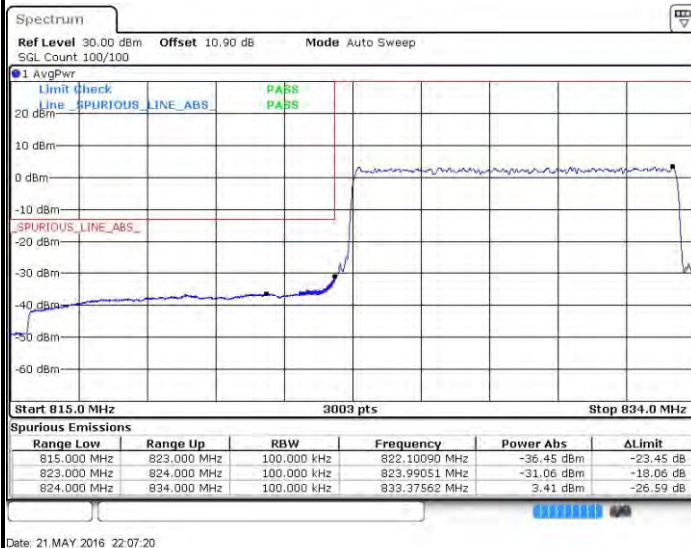
Lowest Band Edge / 1 RB



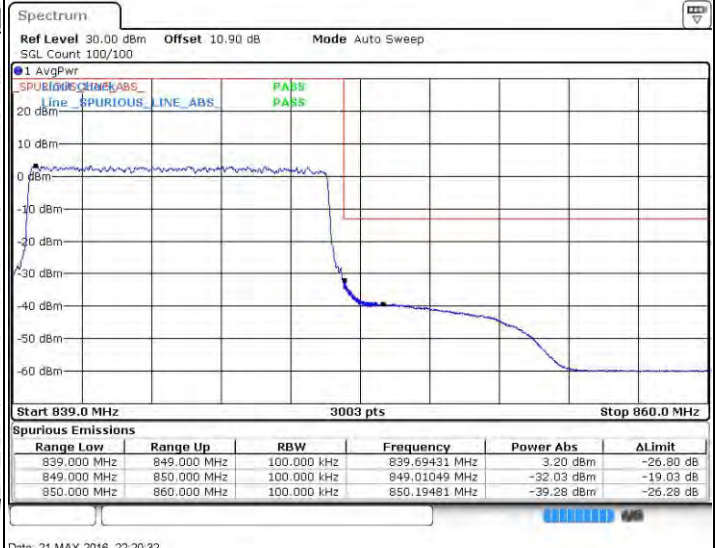
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



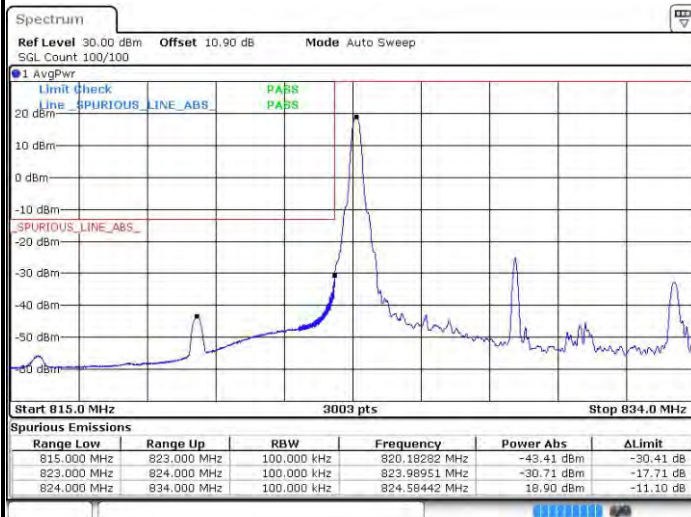
Highest Band Edge / Full RB



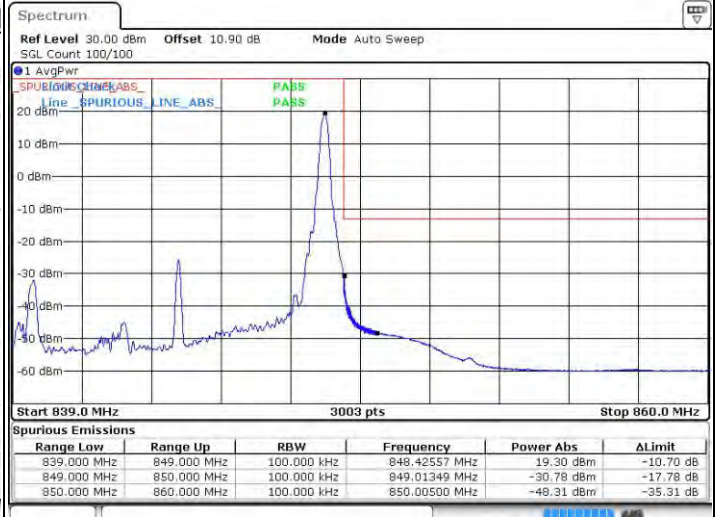


LTE Band 5 / 10MHz / 16QAM

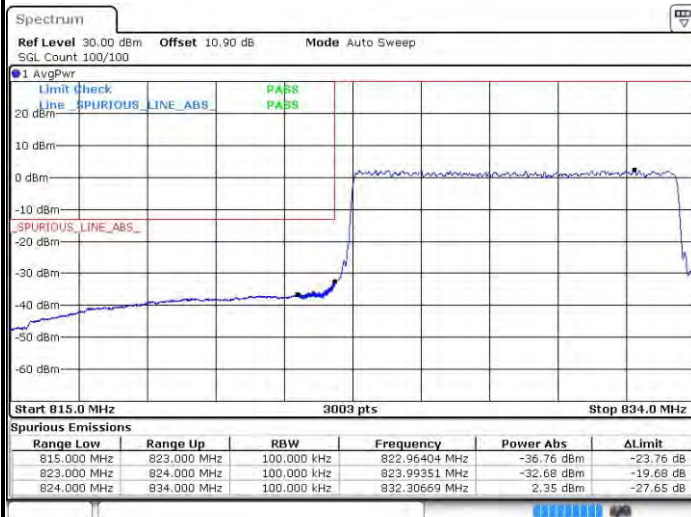
Lowest Band Edge / 1 RB



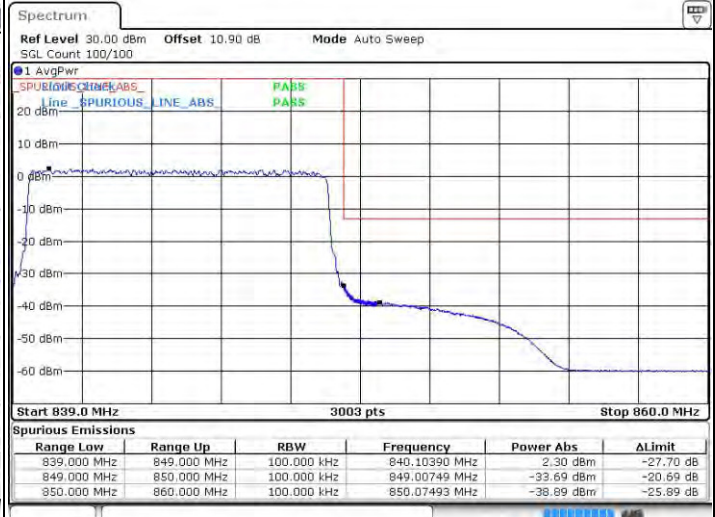
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



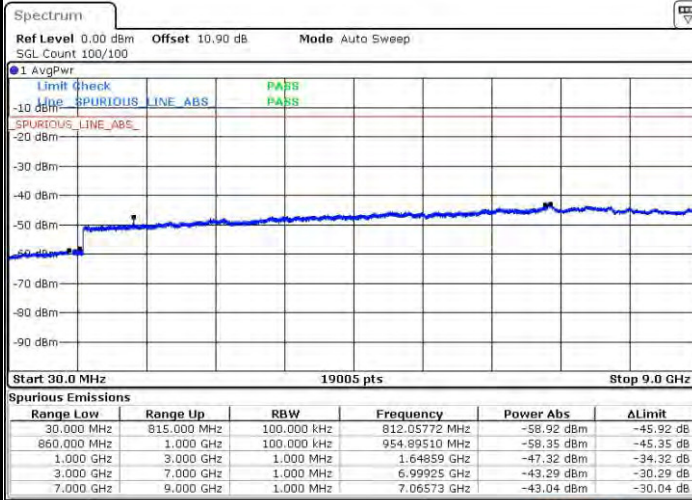


Conducted Spurious Emission



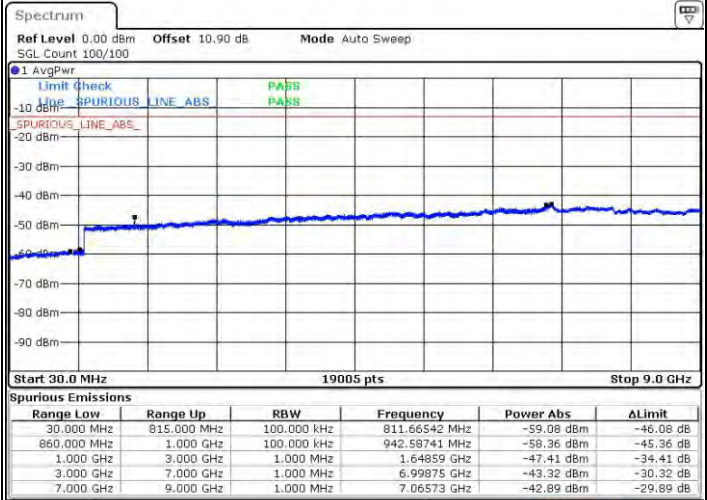
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



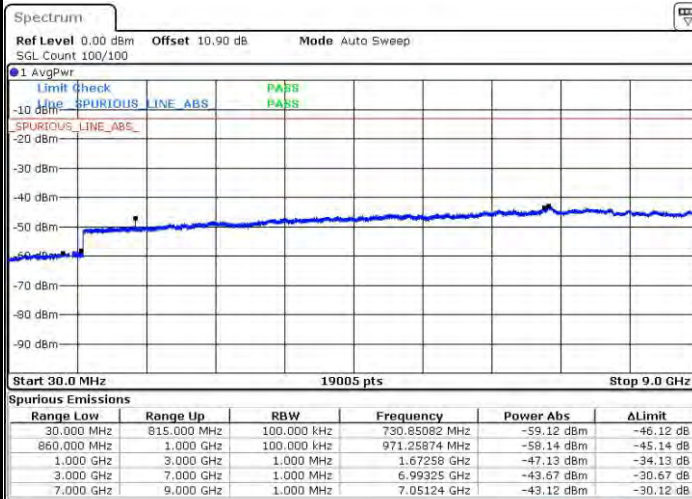
Date: 21 MAY 2016 20:58:42

Lowest Channel / 16QAM



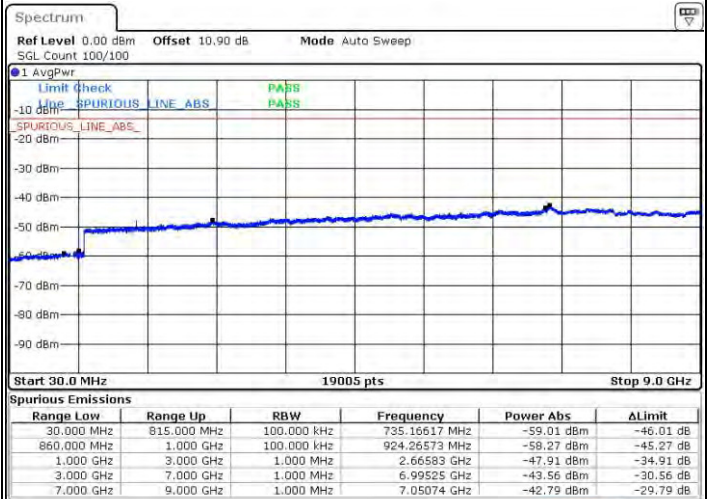
Date: 21 MAY 2016 20:59:36

Middle Channel / QPSK



Date: 21 MAY 2016 21:01:13

Middle Channel / 16QAM

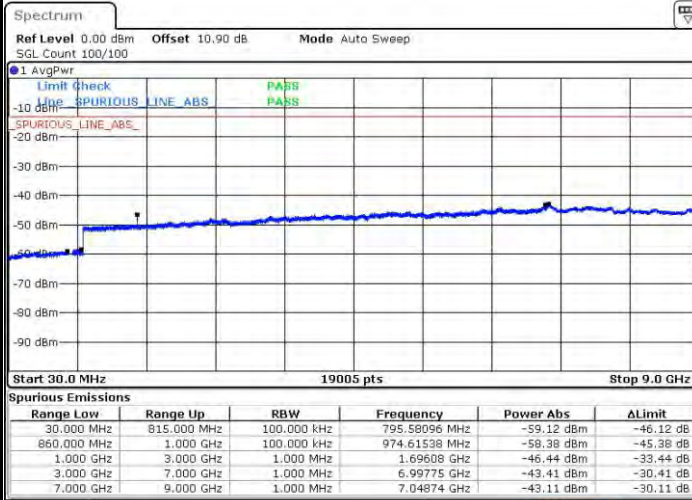


Date: 21 MAY 2016 21:02:08



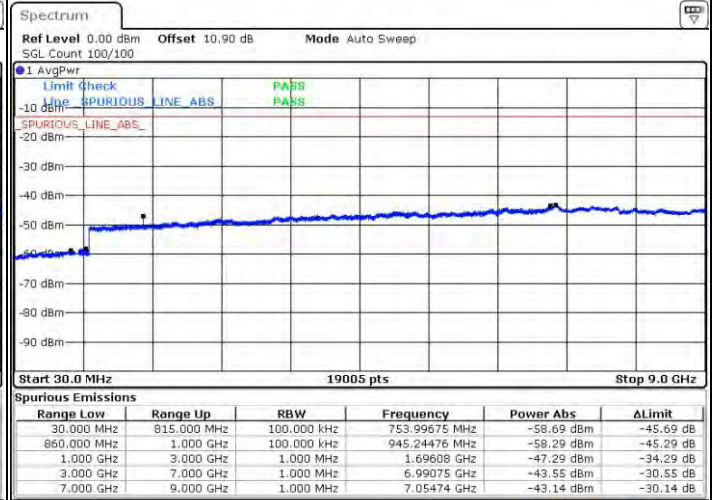
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 21 MAY 2016 21:11:54

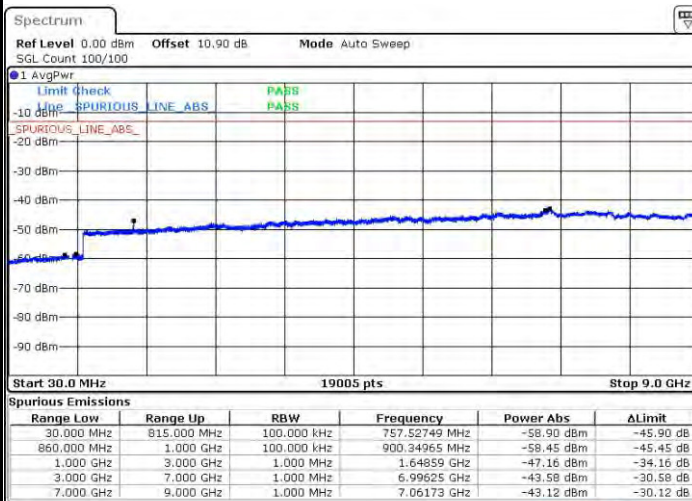
Highest Channel / 16QAM



Date: 21 MAY 2016 21:12:48

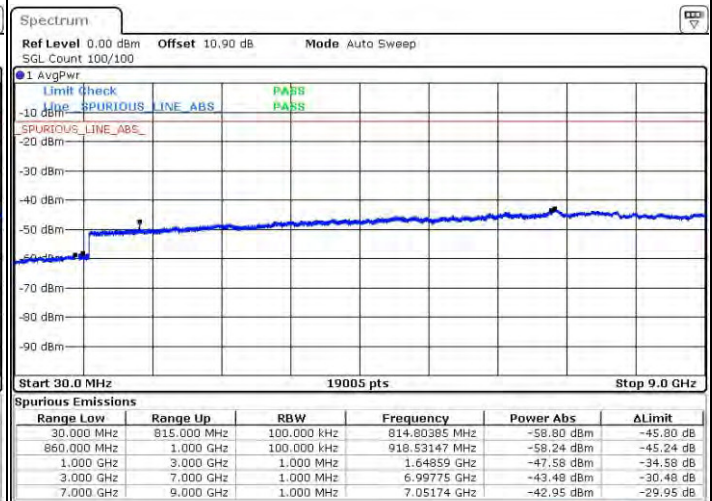
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 21 MAY 2016 21:22:34

Lowest Channel / 16QAM

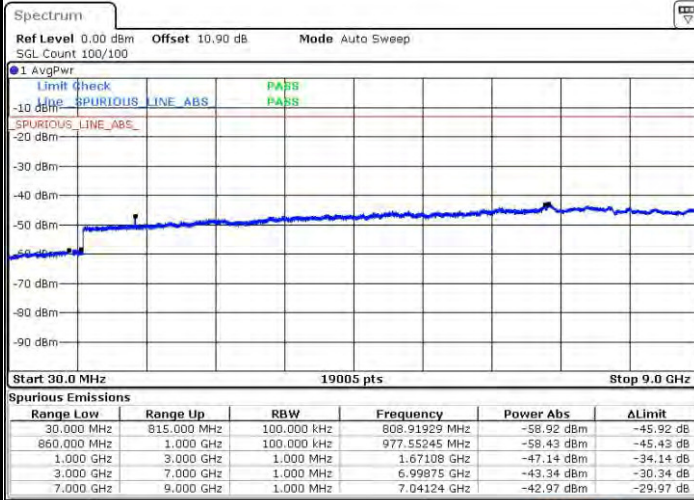


Date: 21 MAY 2016 21:23:28



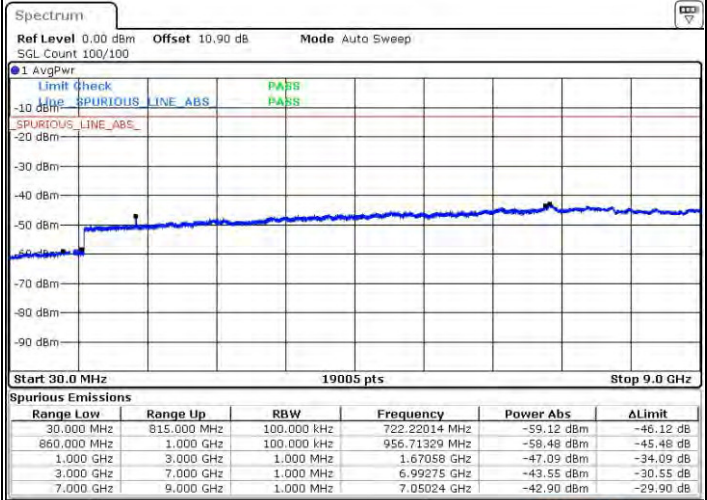
LTE Band 5 / 3MHz

Middle Channel / QPSK



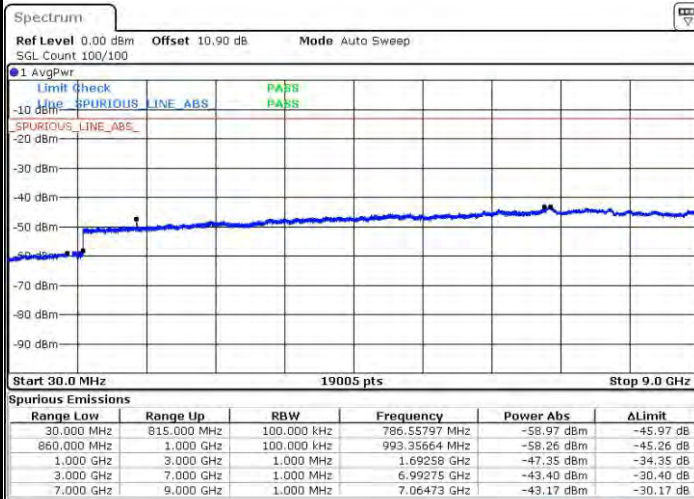
Date: 21 MAY 2016 21:25:04

Middle Channel / 16QAM



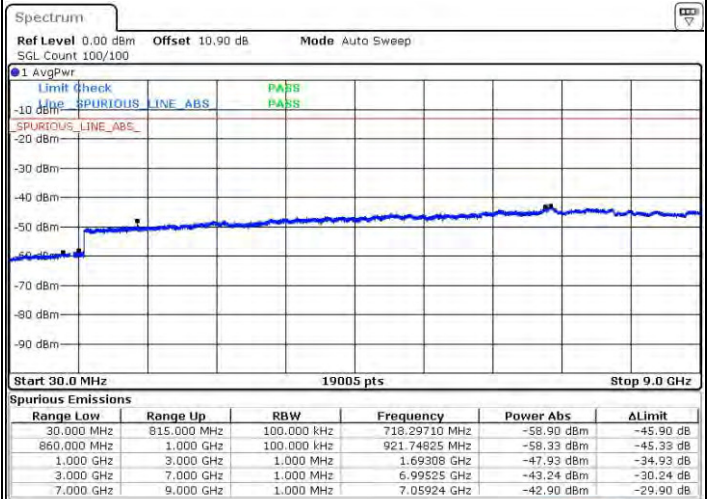
Date: 21 MAY 2016 21:25:58

Highest Channel / QPSK



Date: 21 MAY 2016 21:35:45

Highest Channel / 16QAM

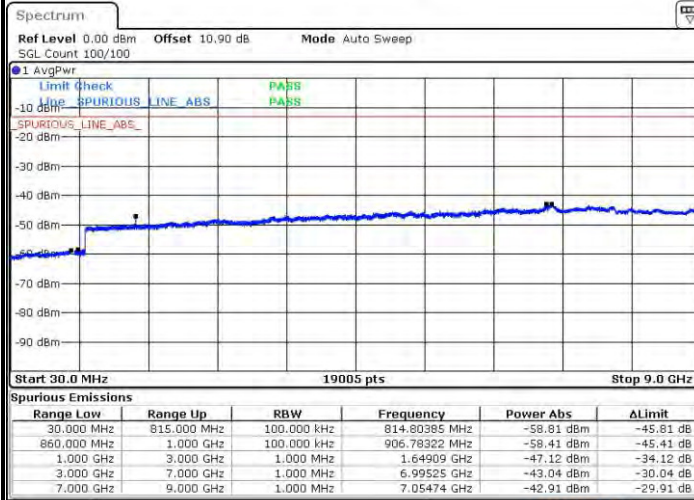


Date: 21 MAY 2016 21:36:39



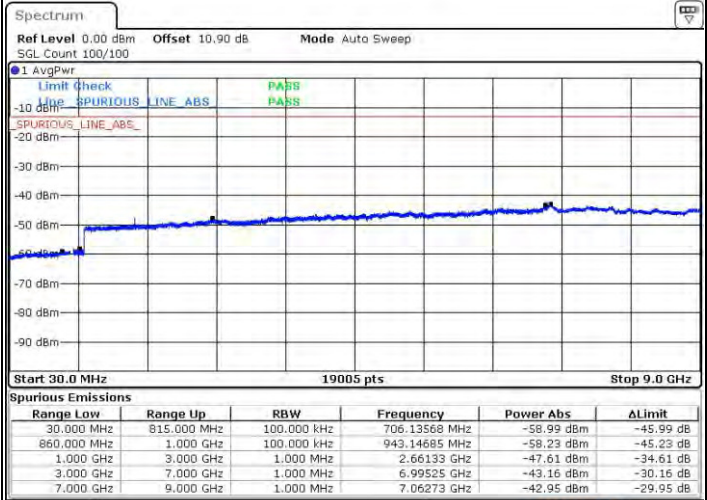
LTE Band 5 / 5MHz

Lowest Channel / QPSK



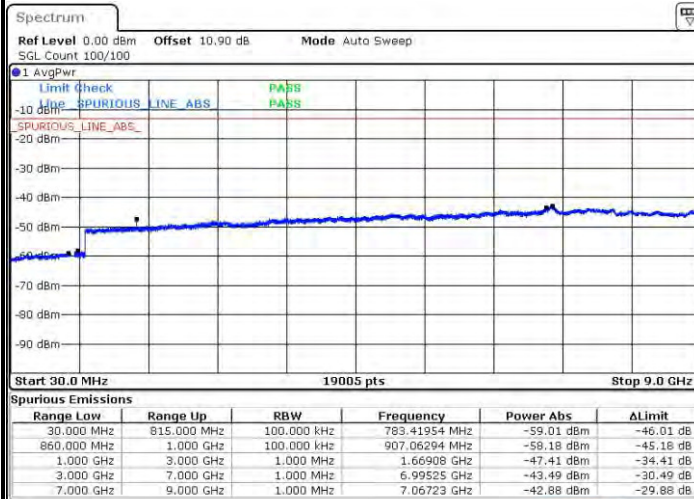
Date: 21 MAY 2016 21:46:25

Lowest Channel / 16QAM



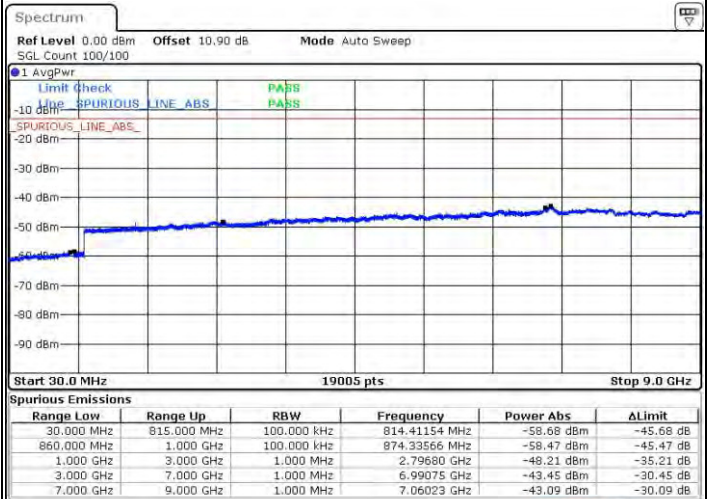
Date: 21 MAY 2016 21:47:20

Middle Channel / QPSK



Date: 21 MAY 2016 21:48:56

Middle Channel / 16QAM

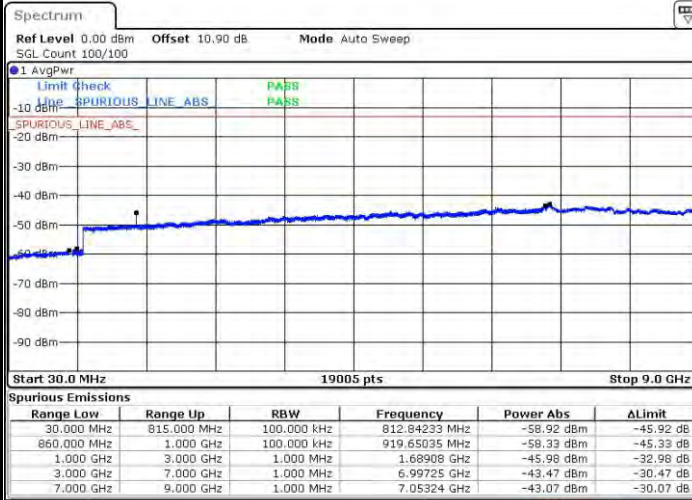


Date: 21 MAY 2016 21:49:51



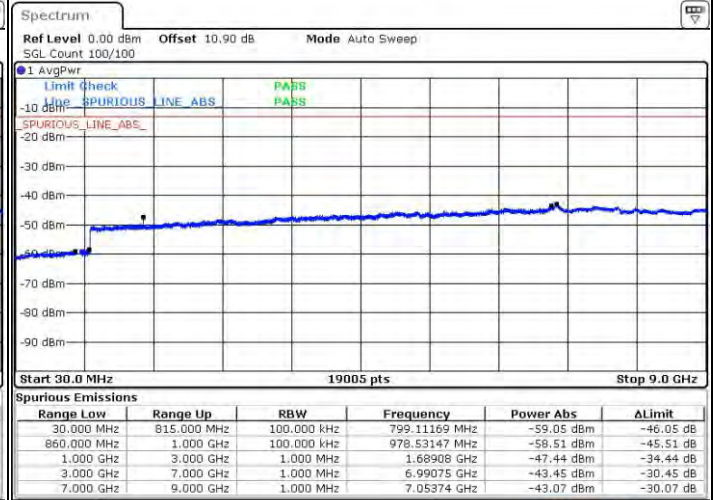
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 21 MAY.2016 21:59:37

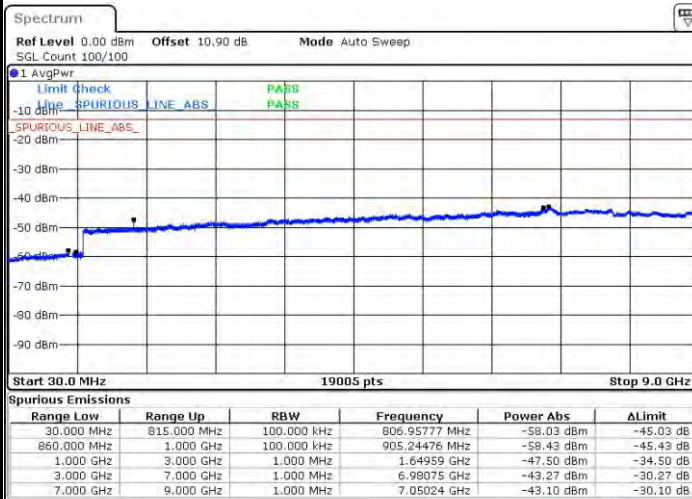
Highest Channel / 16QAM



Date: 21 MAY.2016 22:00:31

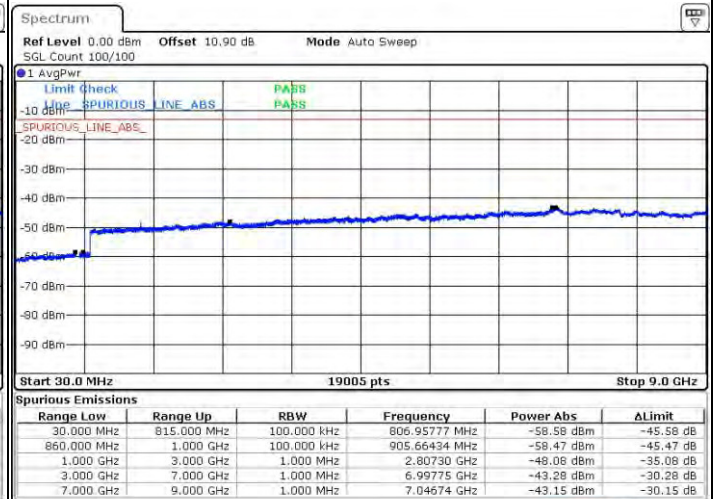
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 21 MAY.2016 22:10:17

Lowest Channel / 16QAM

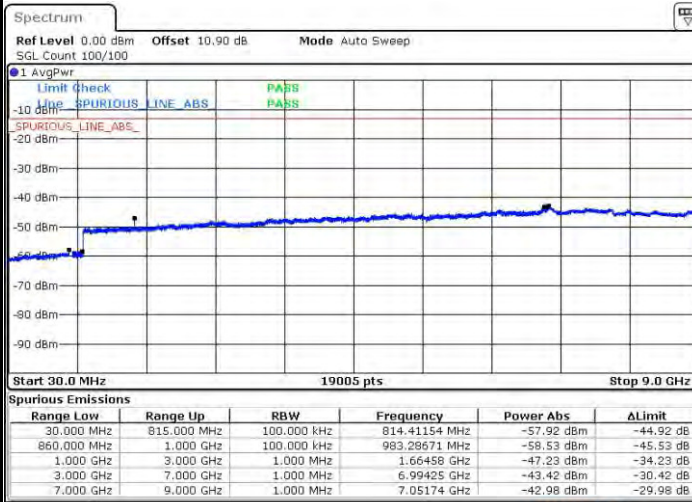


Date: 21 MAY.2016 22:11:12



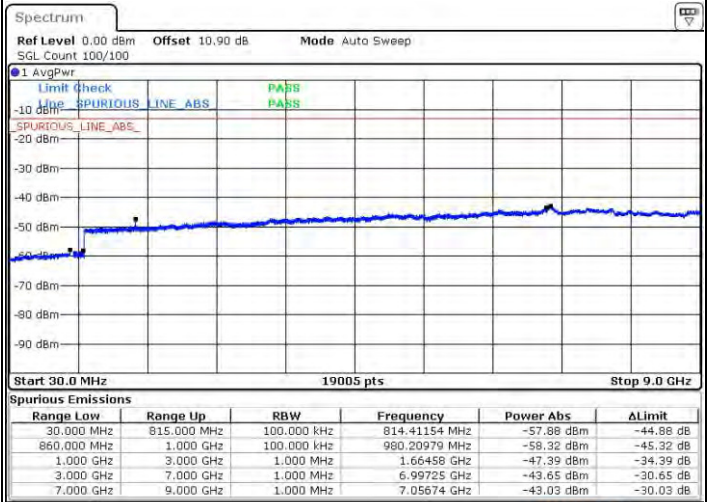
LTE Band 5 / 10MHz

Middle Channel / QPSK



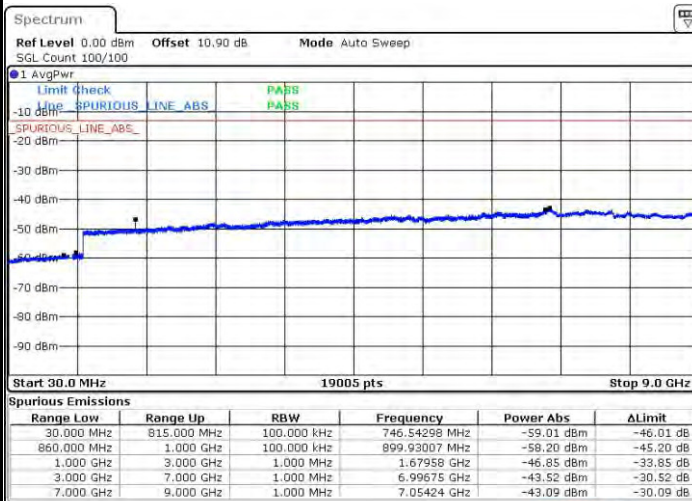
Date: 21 MAY 2016 22:12:49

Middle Channel / 16QAM



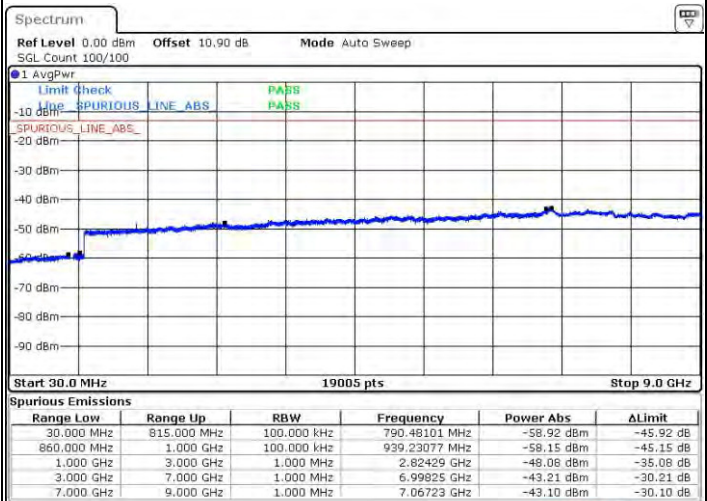
Date: 21 MAY 2016 22:13:43

Highest Channel / QPSK



Date: 21 MAY 2016 22:23:29

Highest Channel / 16QAM



Date: 21 MAY 2016 22:24:24

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0149	PASS
40	Normal Voltage	0.0143	
30	Normal Voltage	0.0151	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0147	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0121	
-30	Normal Voltage	0.0130	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

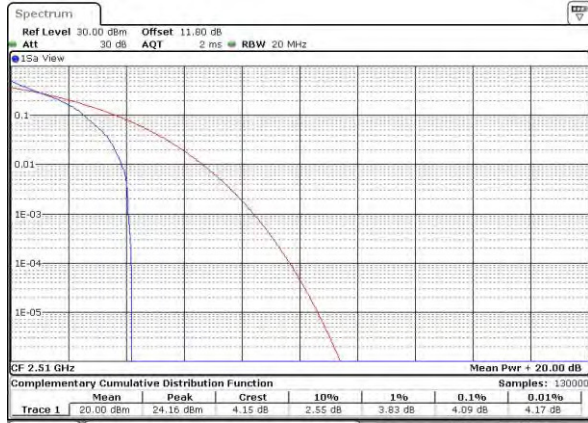
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.09	4.99	4.9	5.97	PASS
Middle CH	4.14	5.1	5.3	6.12	
Highest CH	4.17	5.04	4.9	5.94	



LTE Band 7 / 20MHz / QPSK

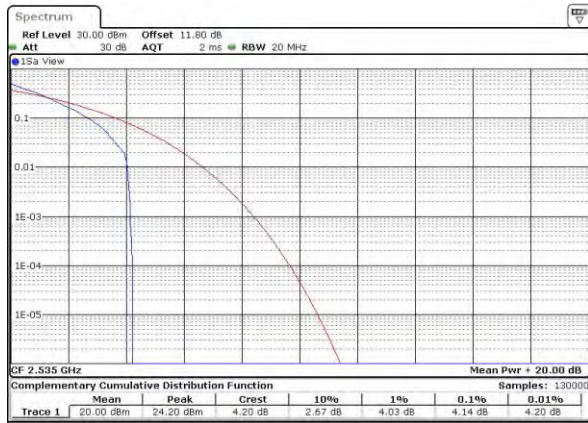
Lowest Channel / 1RB



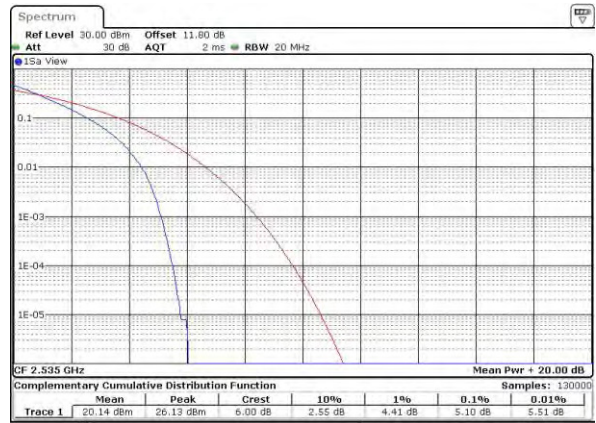
Lowest Channel / Full RB



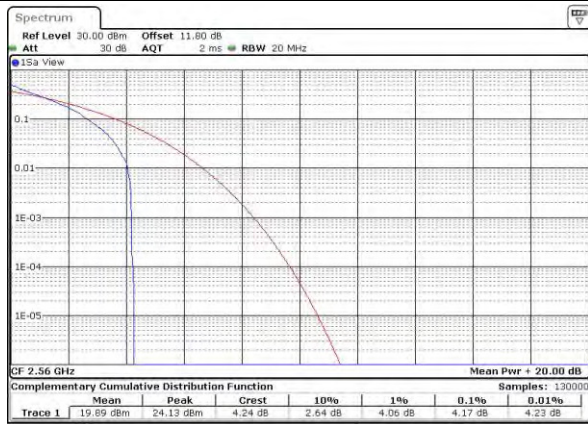
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



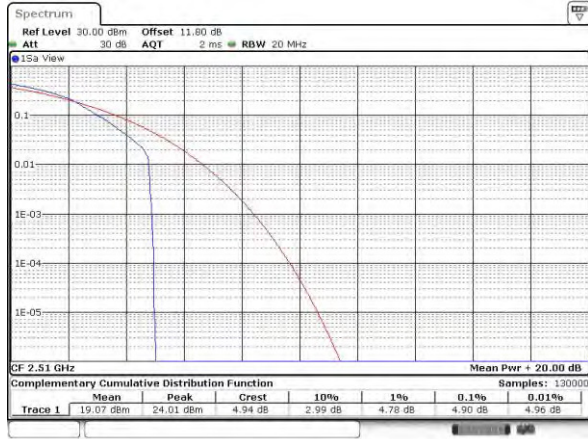
Highest Channel / Full RB



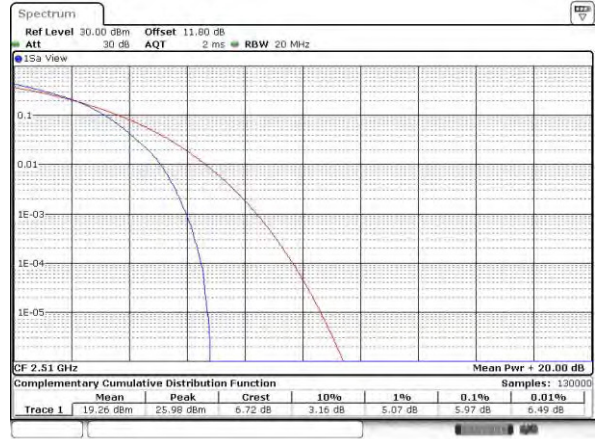


LTE Band 7 / 20MHz / 16QAM

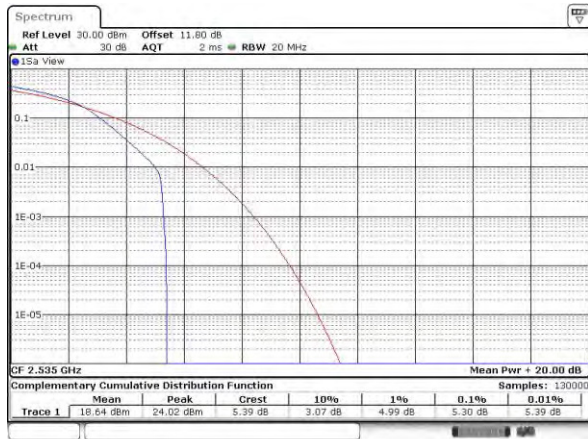
Lowest Channel / 1RB



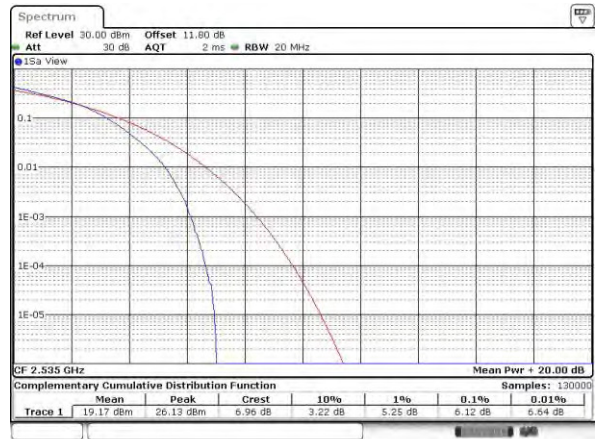
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



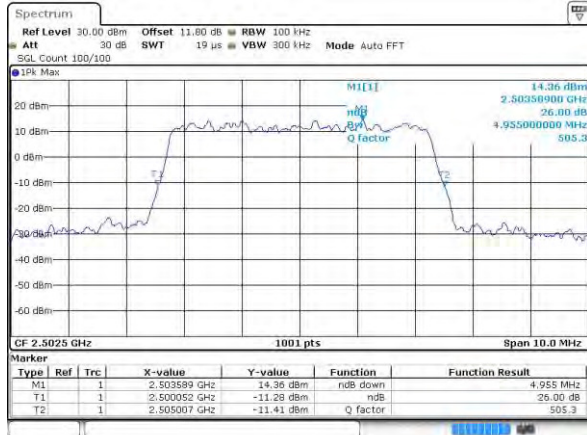
**26dB Bandwidth**

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	-	-	-	-	4.96	4.92	9.89	9.65	14.39	14.45	20.14	20.22
Middle CH	-	-	-	-	4.84	4.96	9.89	9.75	14.54	14.48	20.3	20.34
Highest CH	-	-	-	-	4.99	4.92	9.79	9.83	14.48	14.42	20.14	20.26



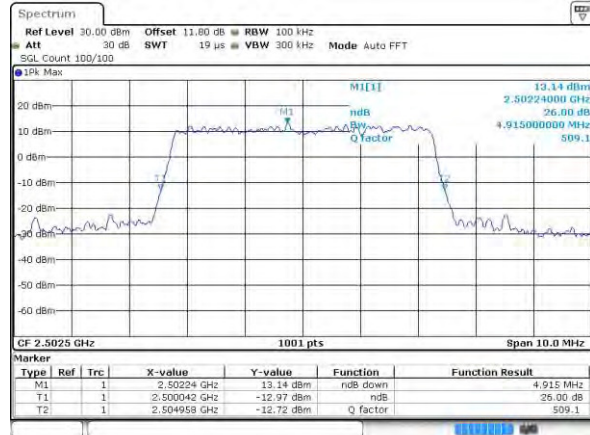
LTE Band 7

Lowest Channel / 5MHz / QPSK



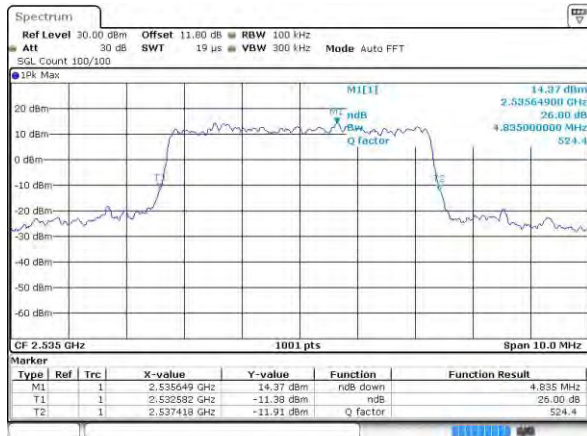
Date: 22 MAY 2016 04:28:17

Lowest Channel / 5MHz / 16QAM



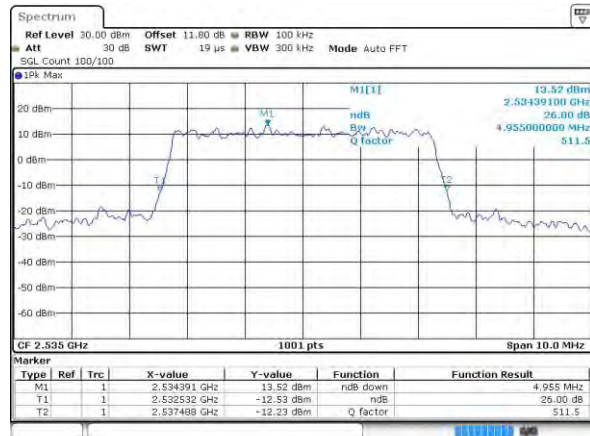
Date: 22 MAY 2016 04:28:27

Middle Channel / 5MHz / QPSK



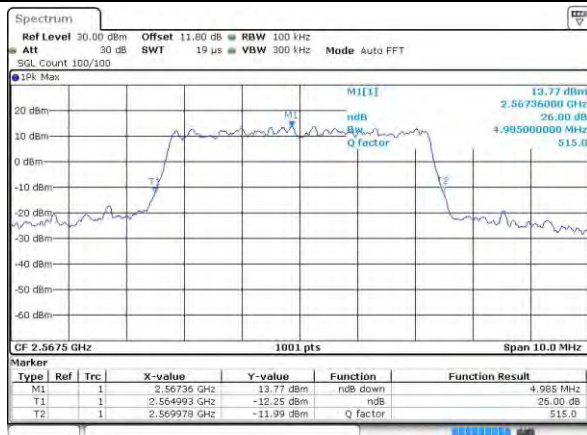
Date: 22 MAY 2016 04:30:48

Middle Channel / 5MHz / 16QAM



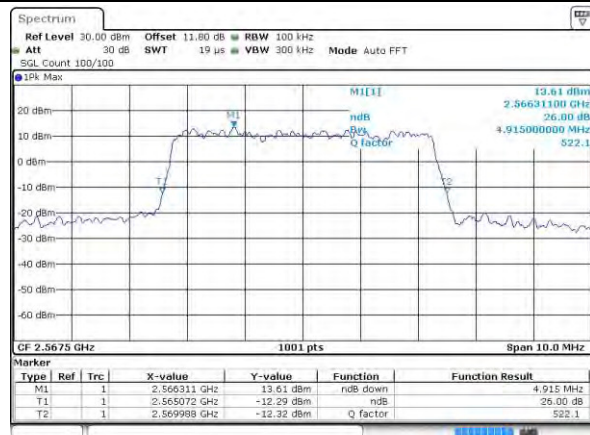
Date: 22 MAY 2016 04:30:59

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2016 04:33:20

Highest Channel / 5MHz / 16QAM

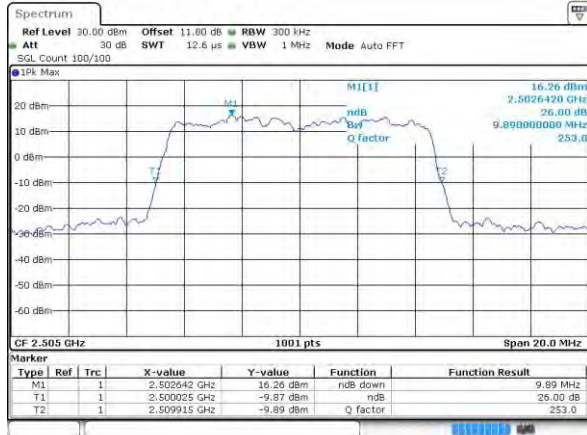


Date: 22 MAY 2016 04:33:30

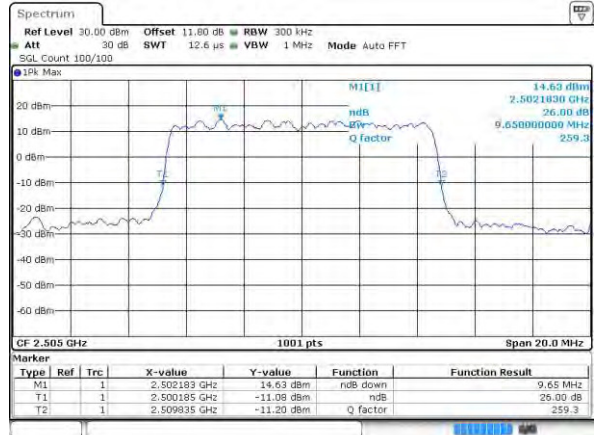


LTE Band 7

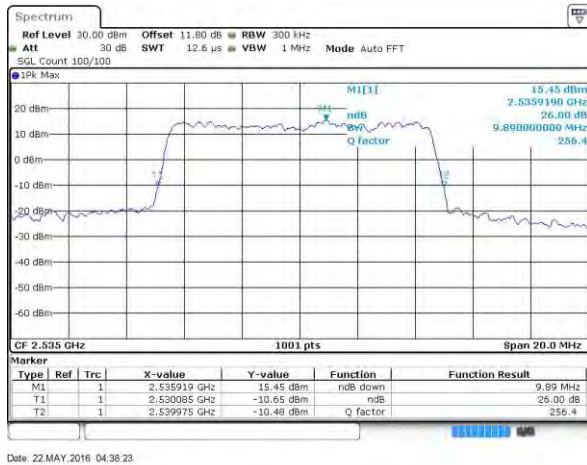
Lowest Channel / 10MHz / QPSK



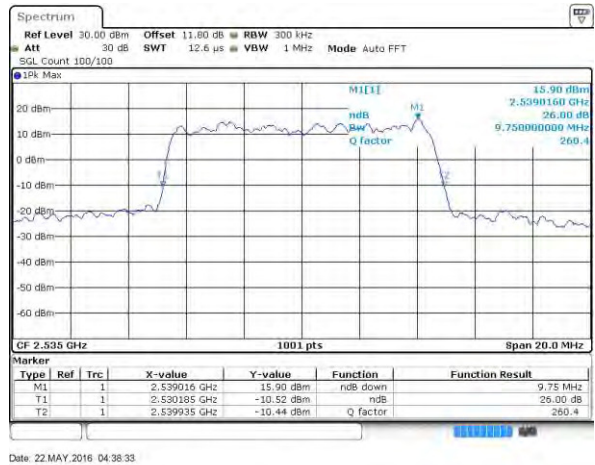
Lowest Channel / 10MHz / 16QAM



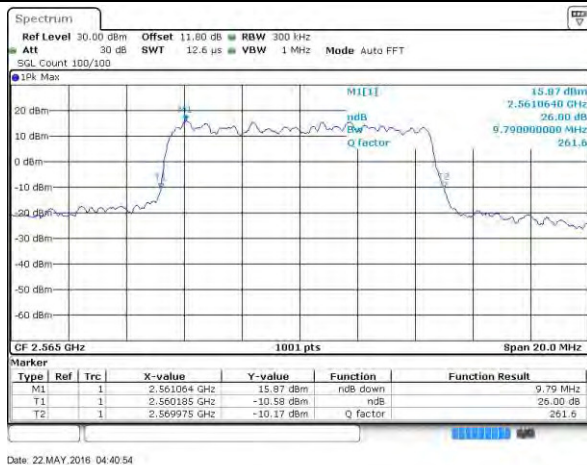
Middle Channel / 10MHz / QPSK



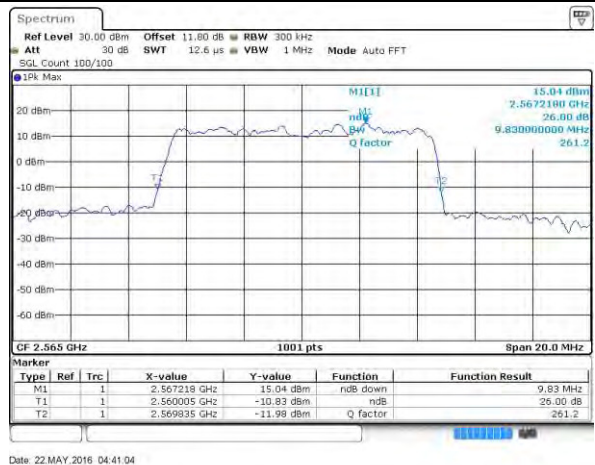
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



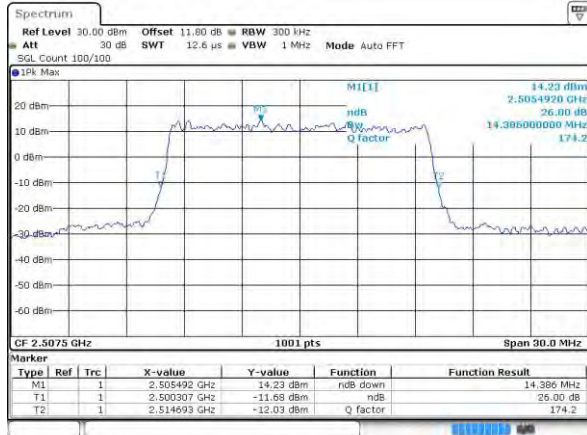
Highest Channel / 10MHz / 16QAM





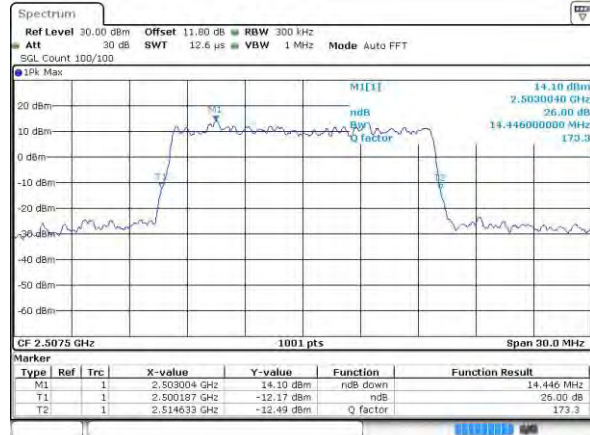
LTE Band 7

Lowest Channel / 15MHz / QPSK



Date: 22 MAY 2016 04:43:25

Lowest Channel / 15MHz / 16QAM



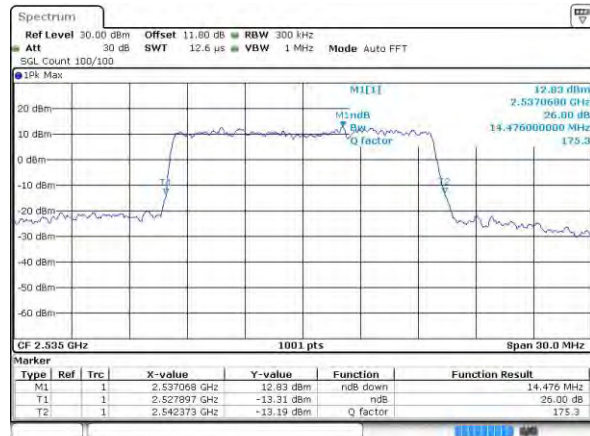
Date: 22 MAY 2016 04:43:35

Middle Channel / 15MHz / QPSK



Date: 22 MAY 2016 04:45:56

Middle Channel / 15MHz / 16QAM



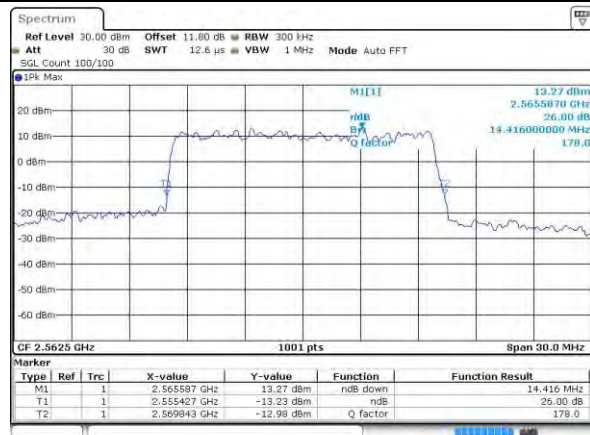
Date: 22 MAY 2016 04:46:07

Highest Channel / 15MHz / QPSK



Date: 22 MAY 2016 04:48:28

Highest Channel / 15MHz / 16QAM

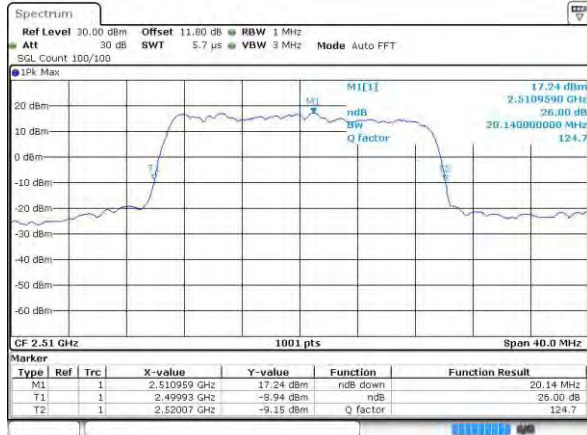


Date: 22 MAY 2016 04:48:39

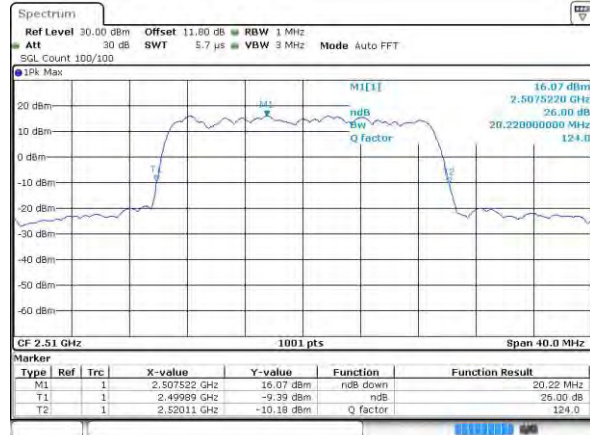


LTE Band 7

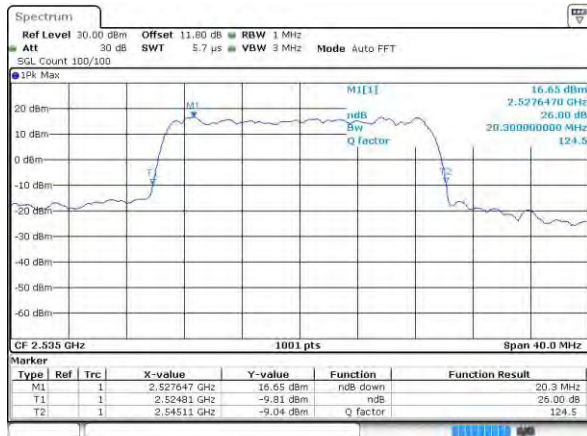
Lowest Channel / 20MHz / QPSK



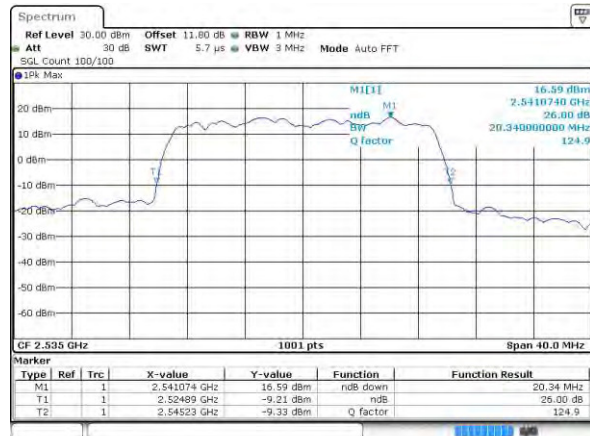
Lowest Channel / 20MHz / 16QAM



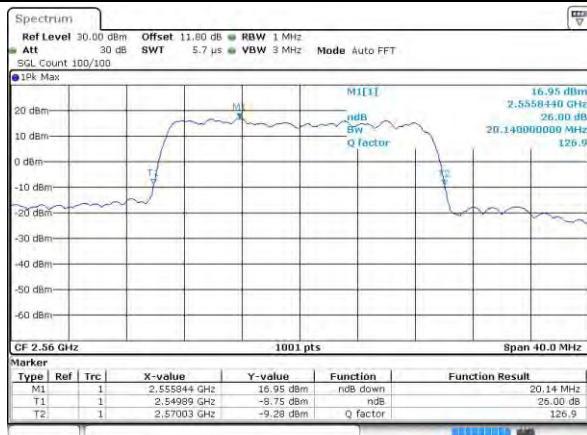
Middle Channel / 20MHz / QPSK



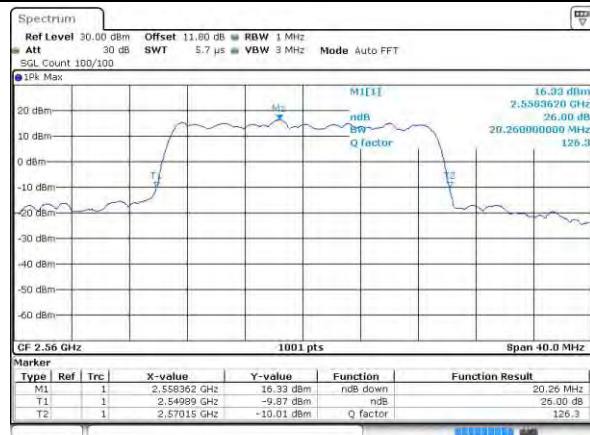
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



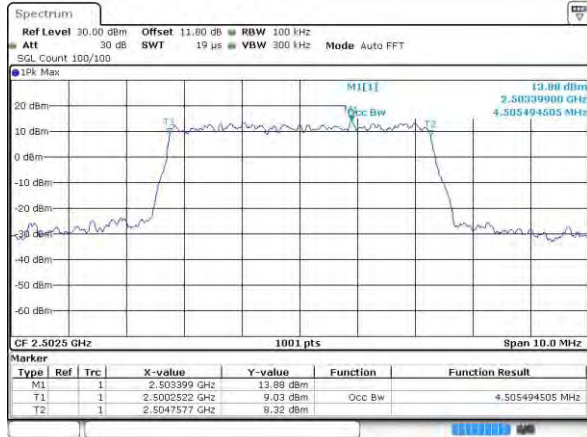
**Occupied Bandwidth**

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	-	-	-	-	4.51	4.51	9.03	9.05	13.43	13.37	18.46	18.22
Middle CH	-	-	-	-	4.52	4.51	9.09	8.99	13.46	13.46	18.46	18.5
Highest CH	-	-	-	-	4.52	4.5	9.01	9.07	13.52	13.43	18.38	18.42



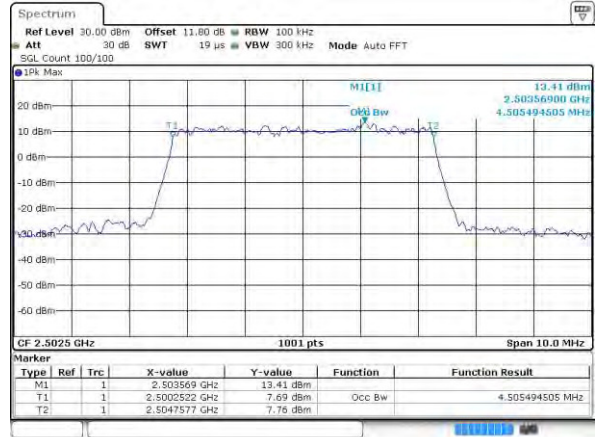
LTE Band 7

Lowest Channel / 5MHz / QPSK



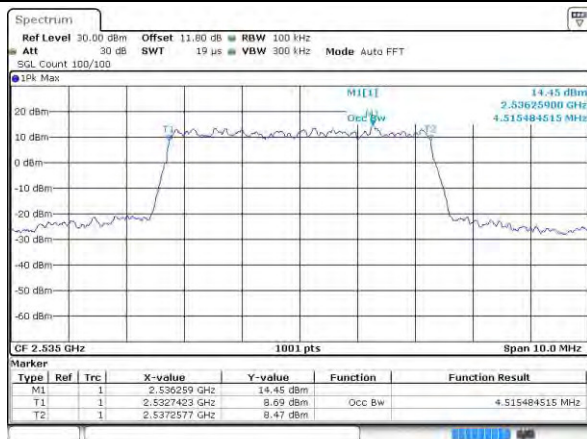
Date: 22 MAY 2016 04:27:56

Lowest Channel / 5MHz / 16QAM



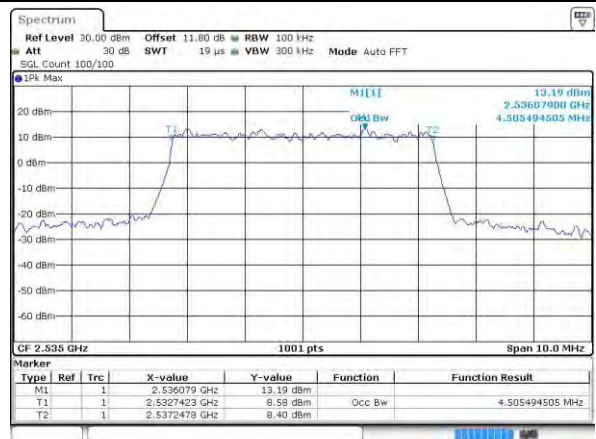
Date: 22 MAY 2016 04:28:06

Middle Channel / 5MHz / QPSK



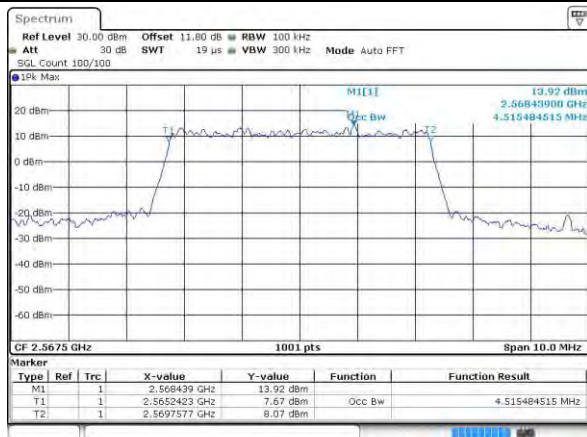
Date: 22 MAY 2016 04:30:27

Middle Channel / 5MHz / 16QAM



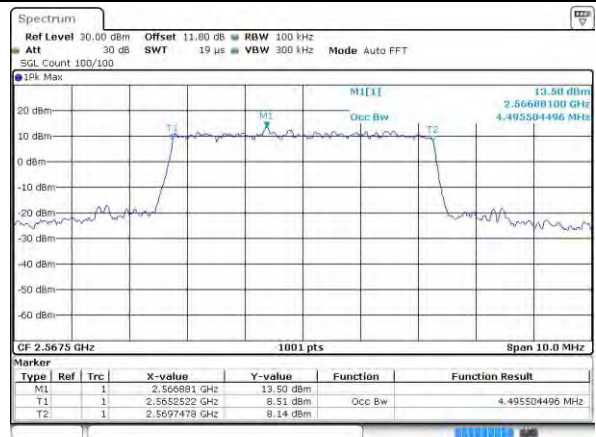
Date: 22 MAY 2016 04:30:38

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2016 04:32:59

Highest Channel / 5MHz / 16QAM

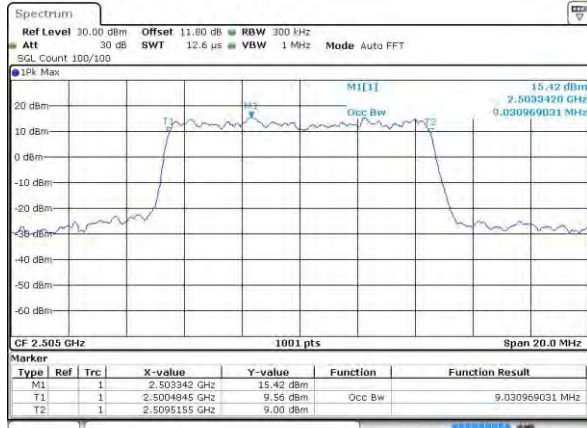


Date: 22 MAY 2016 04:33:09

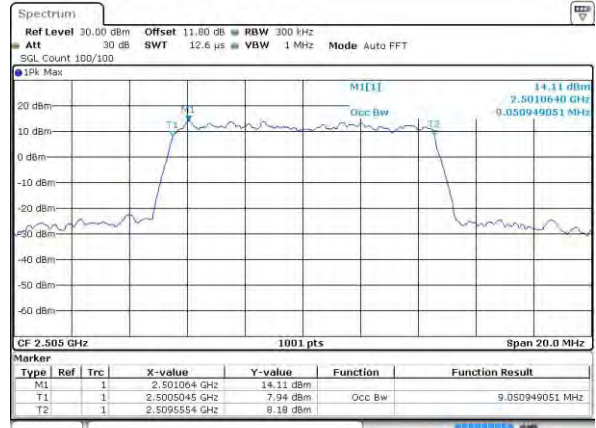


LTE Band 7

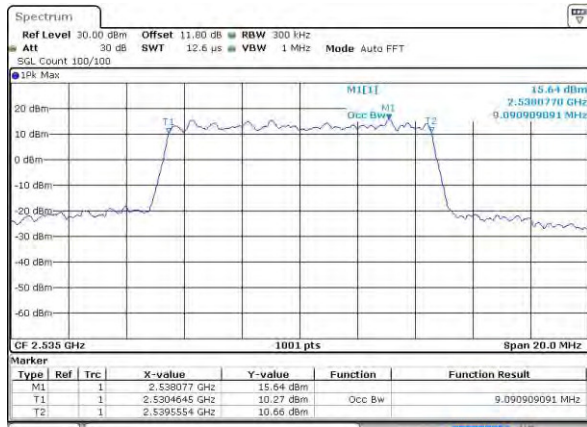
Lowest Channel / 10MHz / QPSK



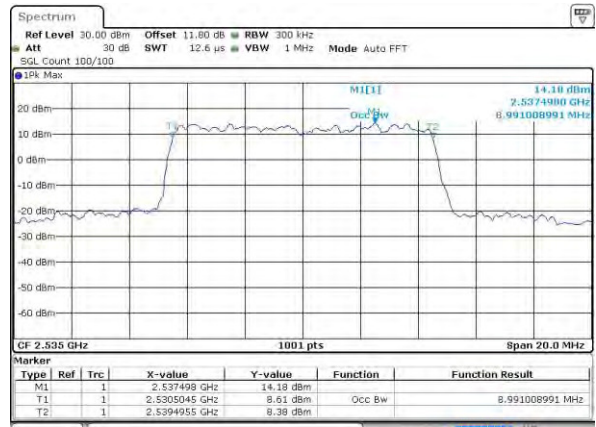
Lowest Channel / 10MHz / 16QAM



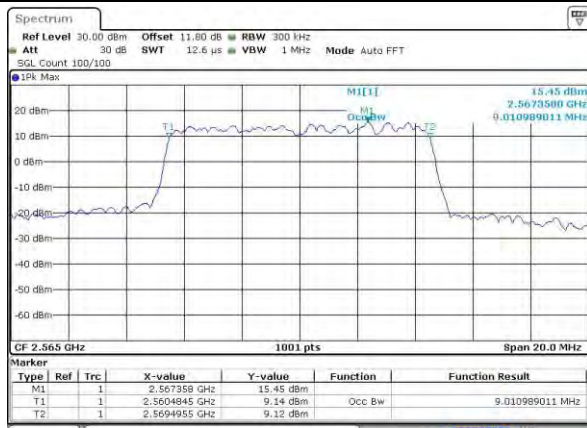
Middle Channel / 10MHz / QPSK



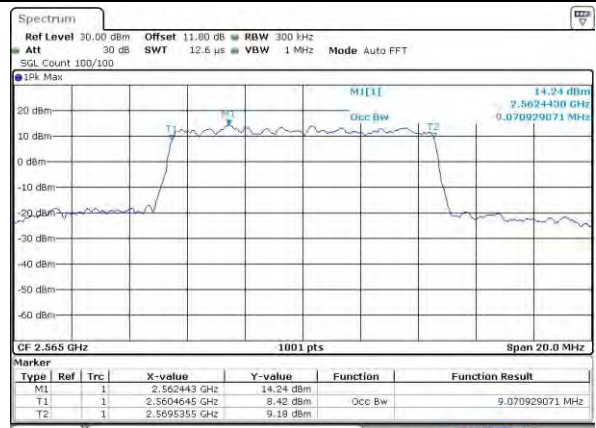
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



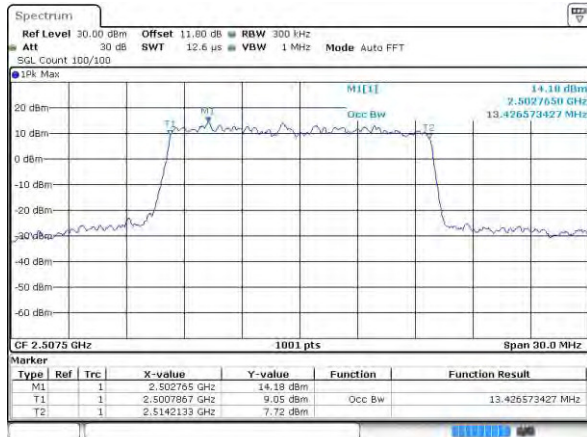
Highest Channel / 10MHz / 16QAM



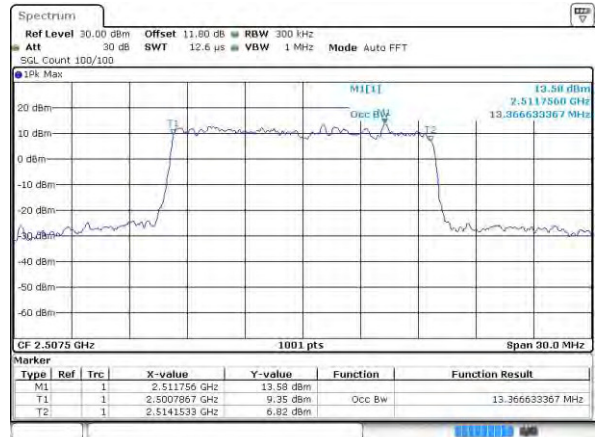


LTE Band 7

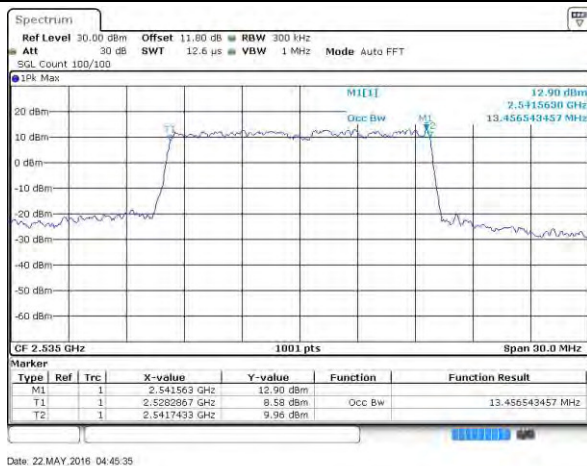
Lowest Channel / 15MHz / QPSK



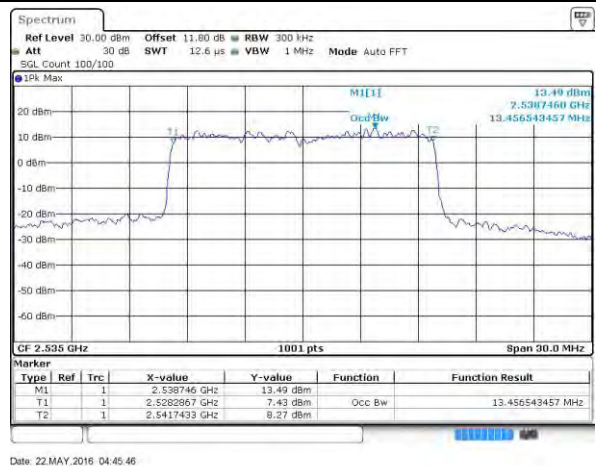
Lowest Channel / 15MHz / 16QAM



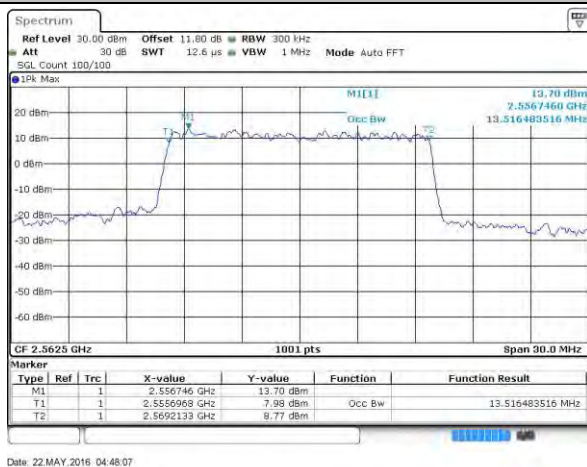
Middle Channel / 15MHz / QPSK



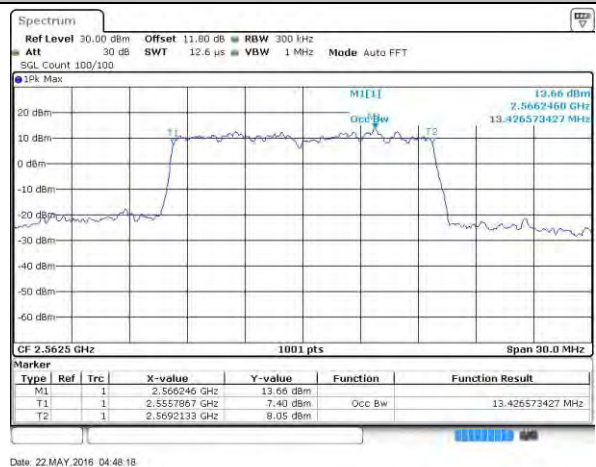
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



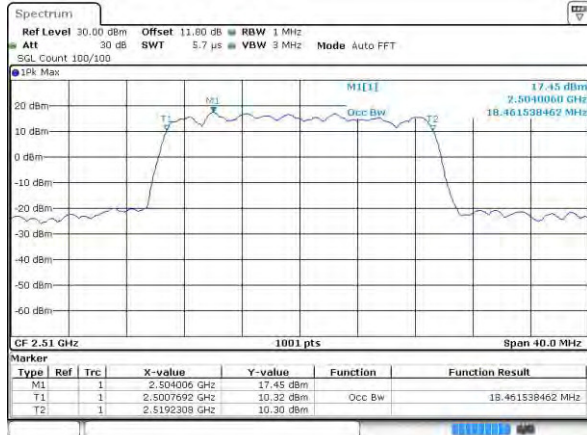
Highest Channel / 15MHz / 16QAM





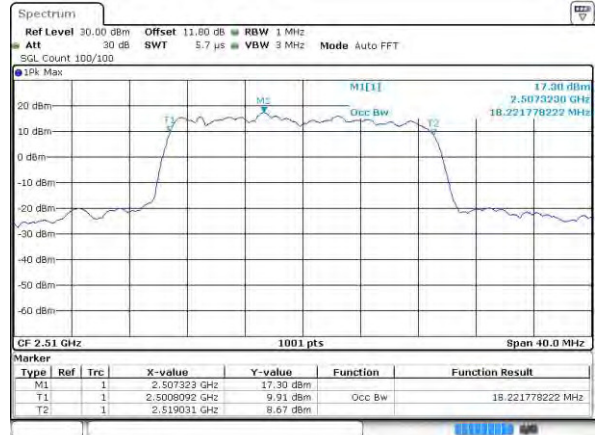
LTE Band 7

Lowest Channel / 20MHz / QPSK



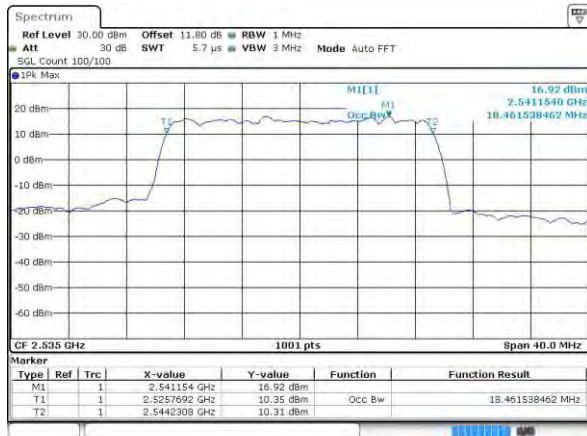
Date: 22 MAY 2016 04:50:38

Lowest Channel / 20MHz / 16QAM



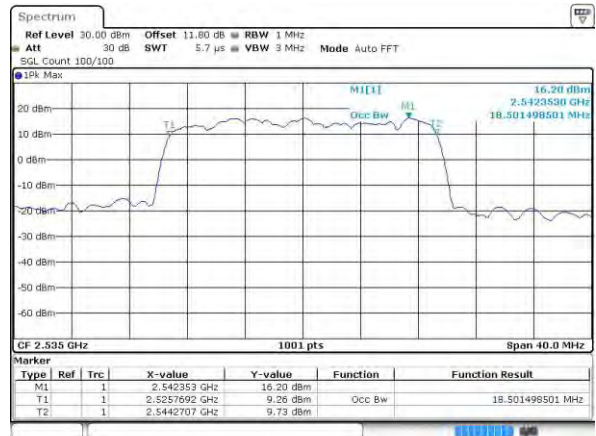
Date: 22 MAY 2016 04:50:49

Middle Channel / 20MHz / QPSK



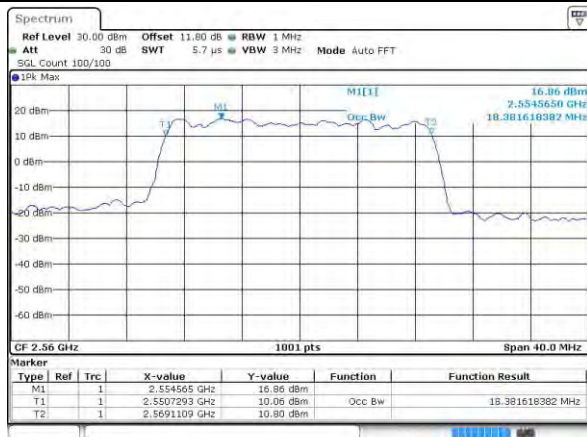
Date: 22 MAY 2016 04:53:10

Middle Channel / 20MHz / 16QAM



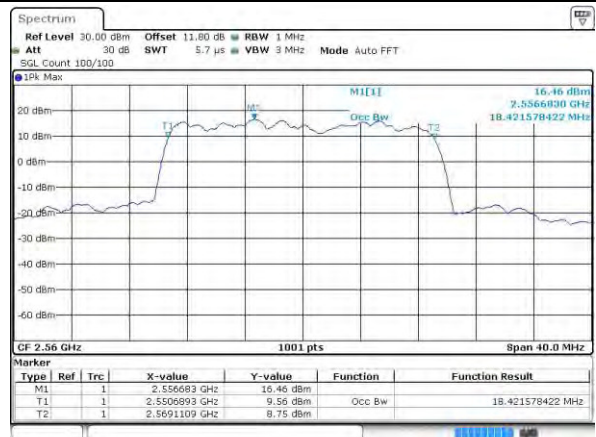
Date: 22 MAY 2016 04:53:21

Highest Channel / 20MHz / QPSK



Date: 22 MAY 2016 04:55:42

Highest Channel / 20MHz / 16QAM



Date: 22 MAY 2016 04:55:52

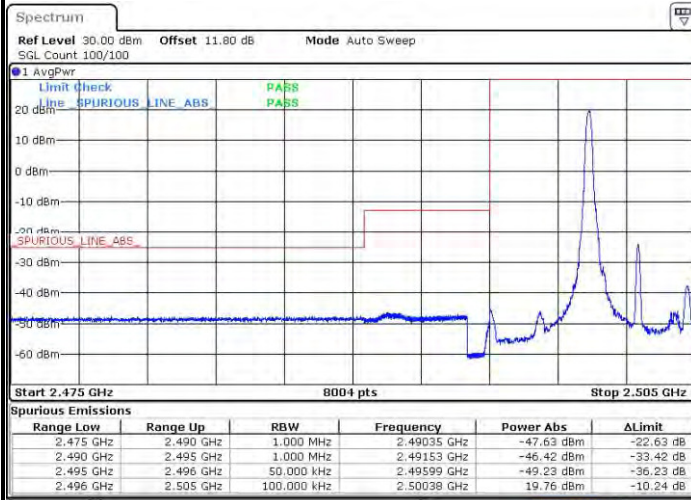


Conducted Band Edge

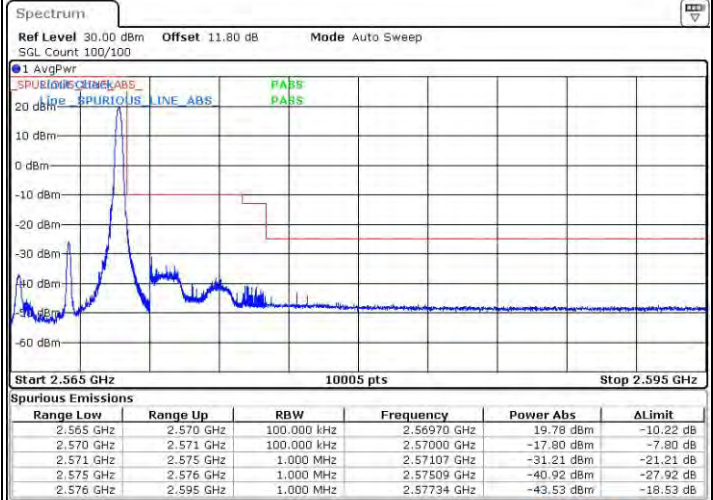


LTE Band 7 / 5MHz / QPSK

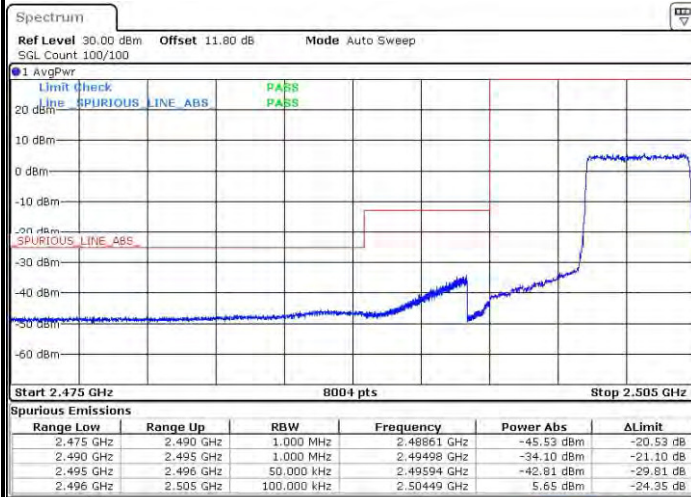
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



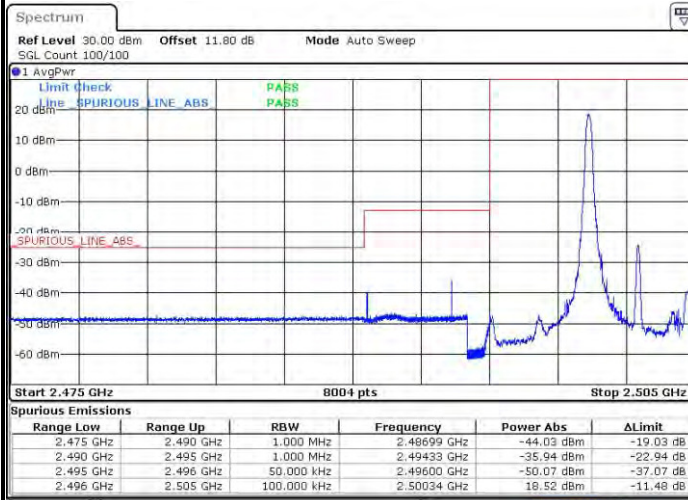
Highest Band Edge / Full RB



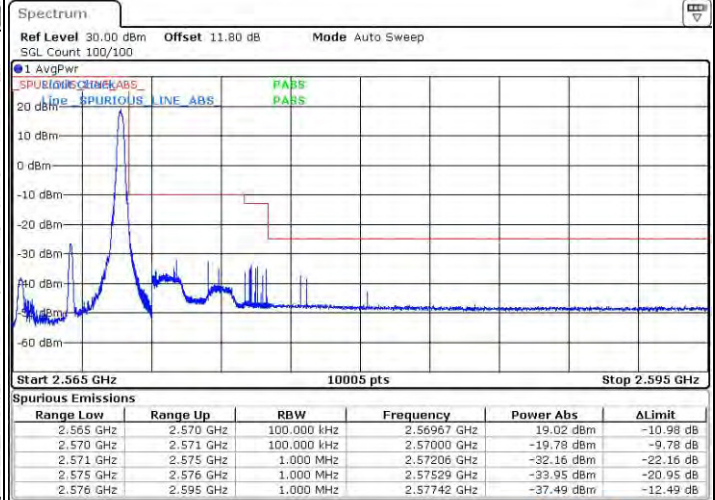


LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



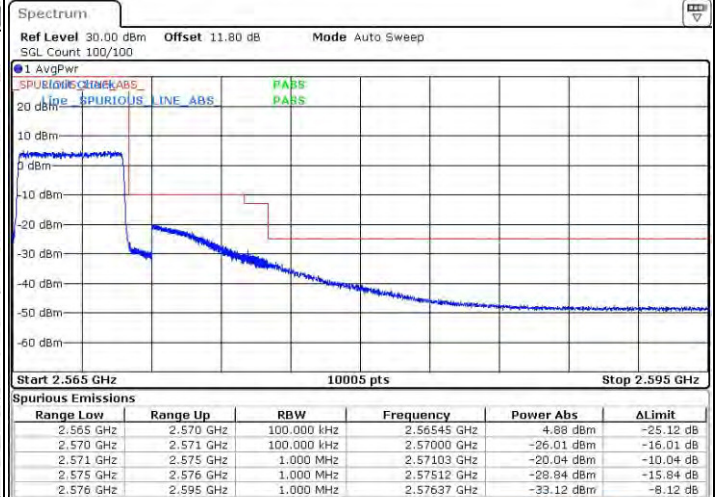
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



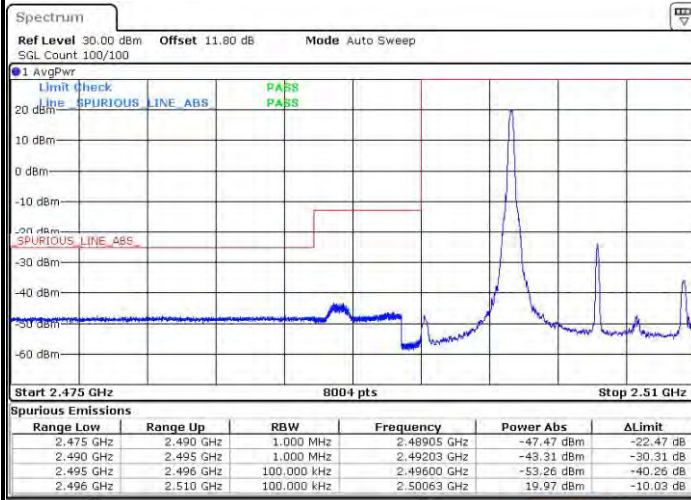
Highest Band Edge / Full RB



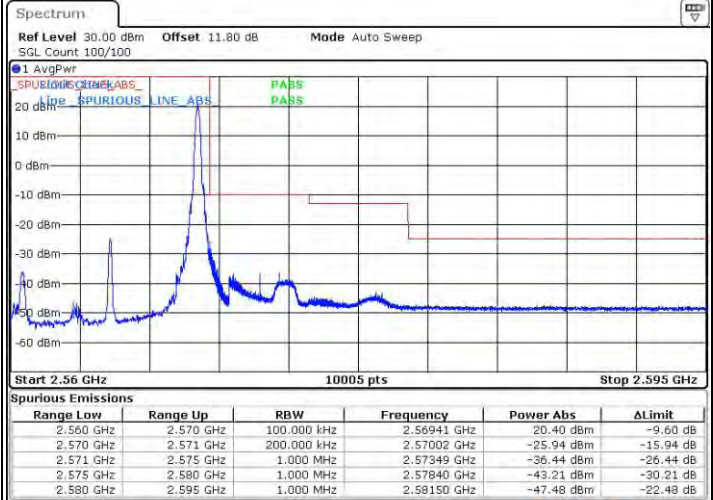


LTE Band 7 / 10MHz / QPSK

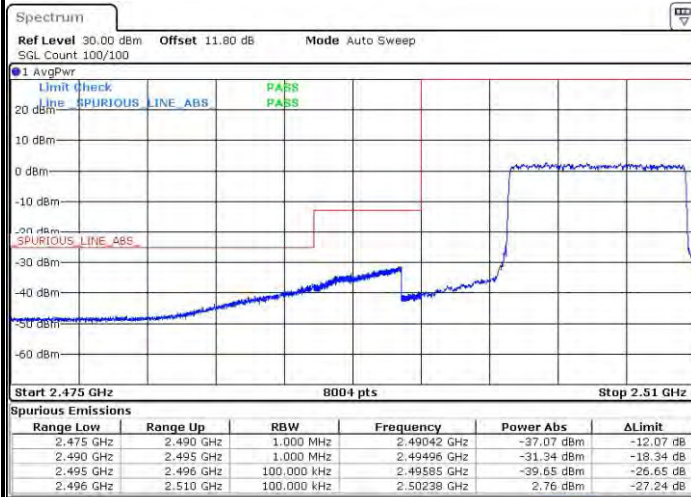
Lowest Band Edge / 1 RB



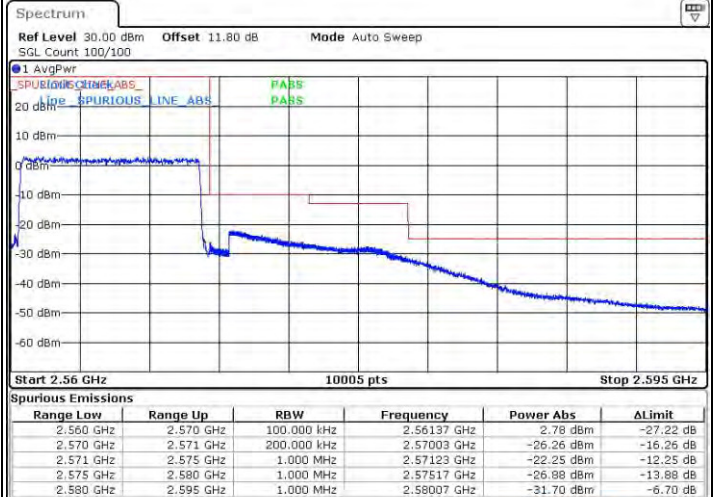
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



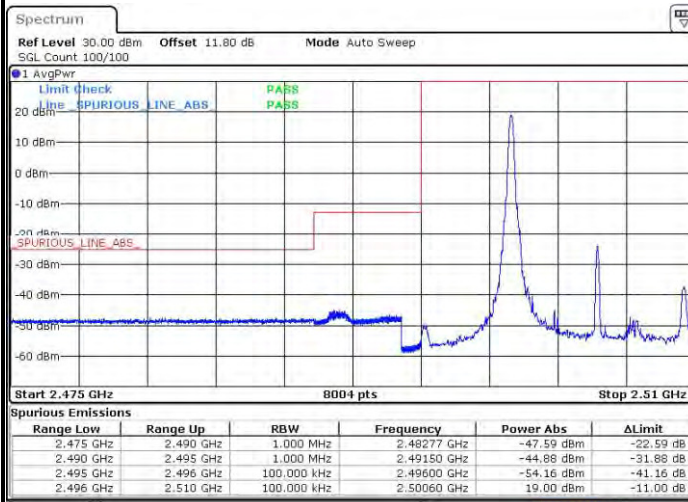
Highest Band Edge / Full RB



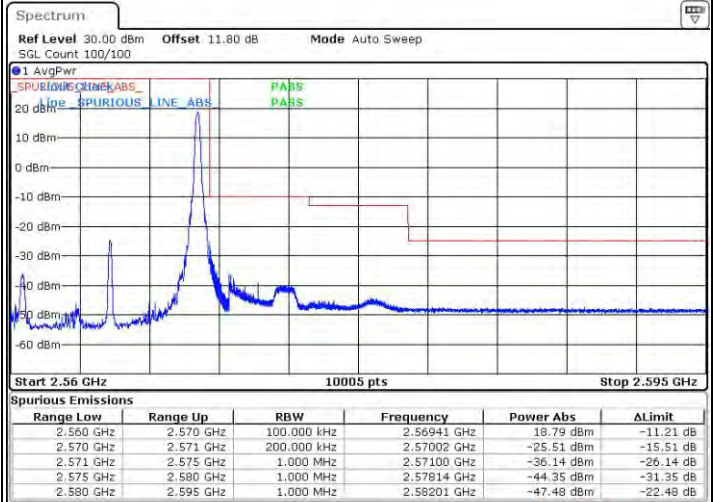


LTE Band 7 / 10MHz / 16QAM

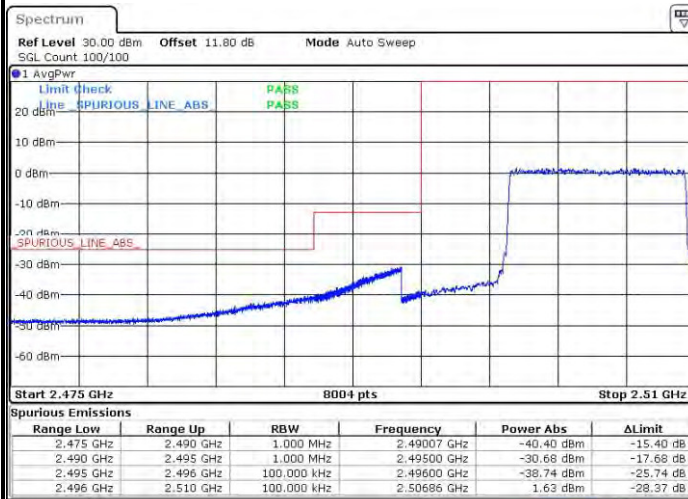
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



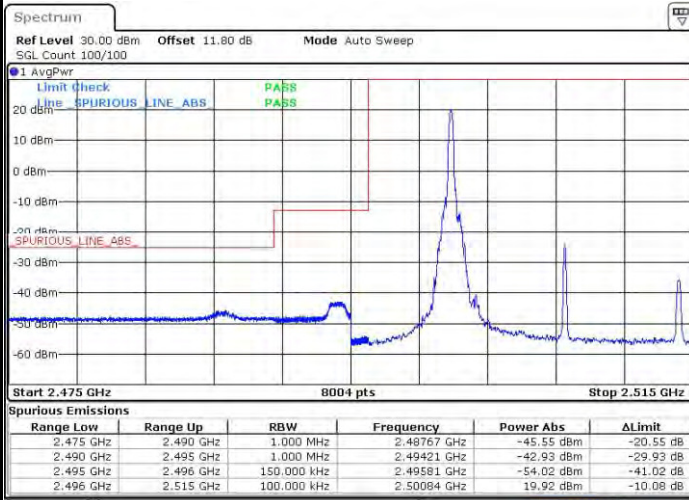
Highest Band Edge / Full RB



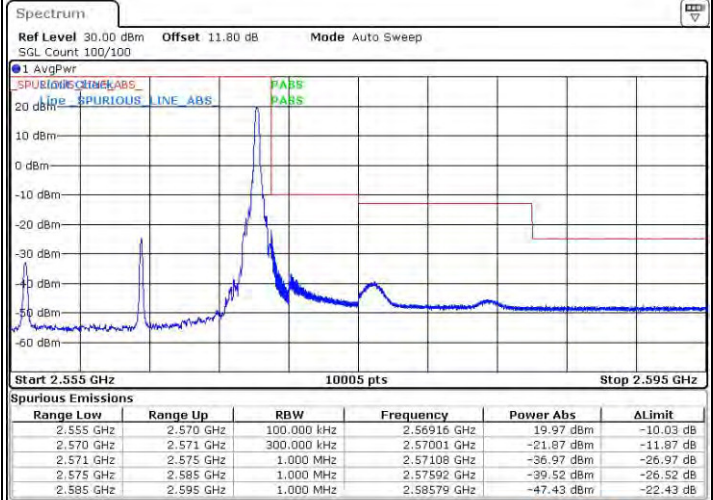


LTE Band 7 / 15MHz / QPSK

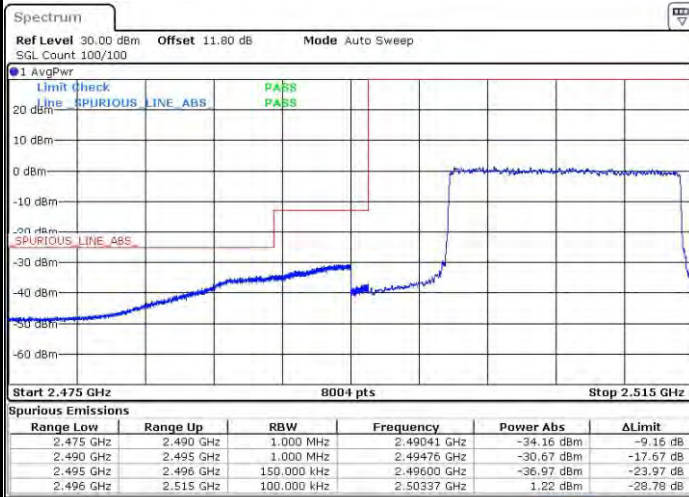
Lowest Band Edge / 1 RB



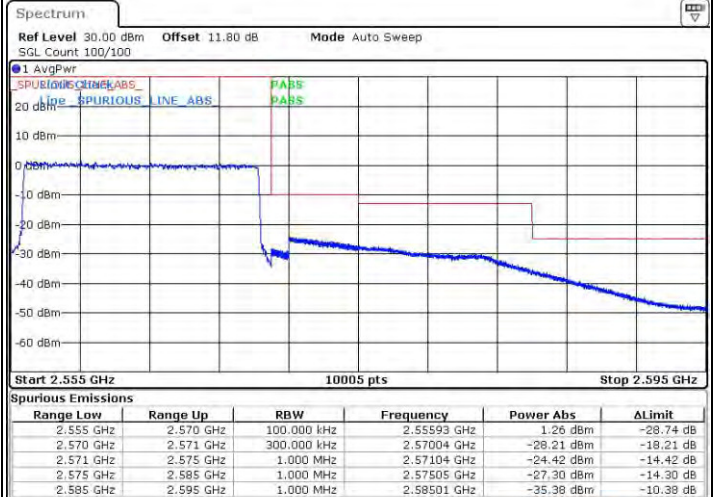
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



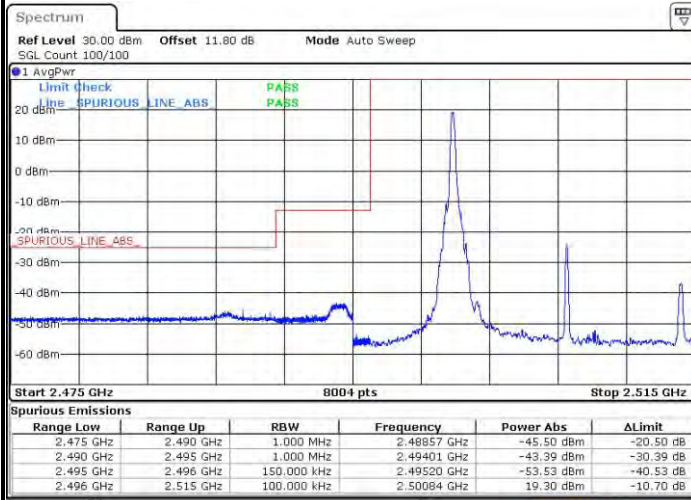
Highest Band Edge / Full RB



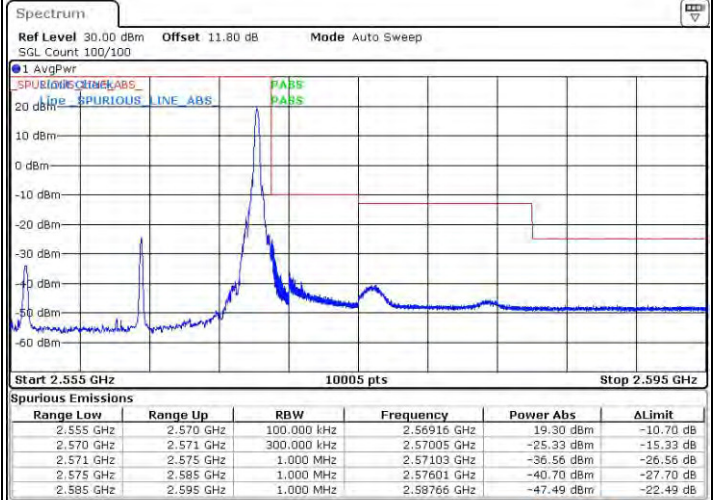


LTE Band 7 / 15MHz / 16QAM

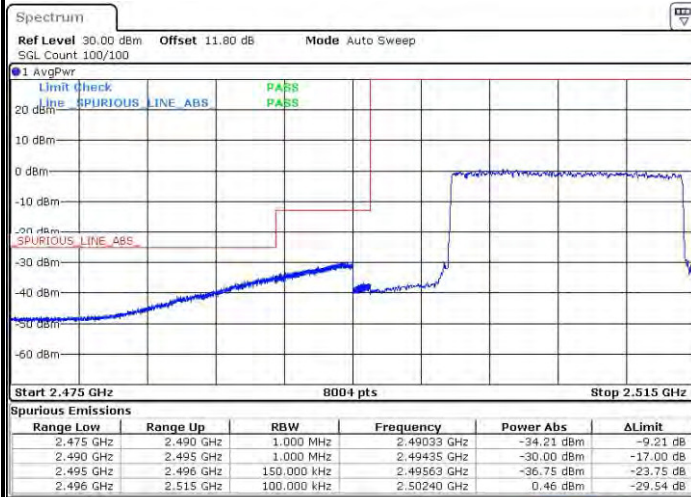
Lowest Band Edge / 1 RB



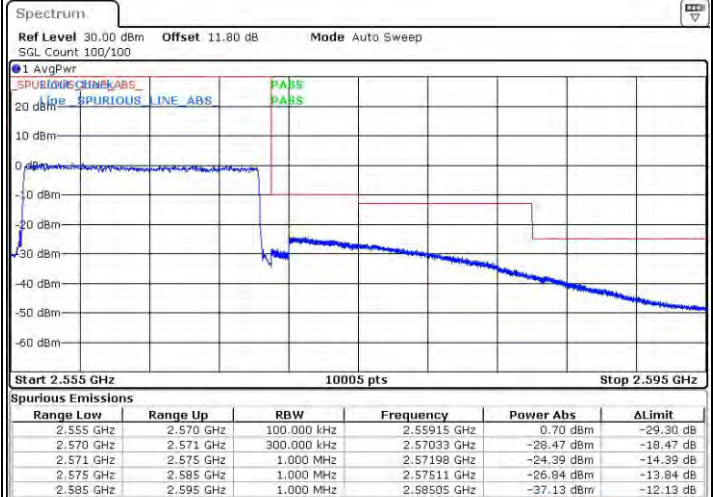
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



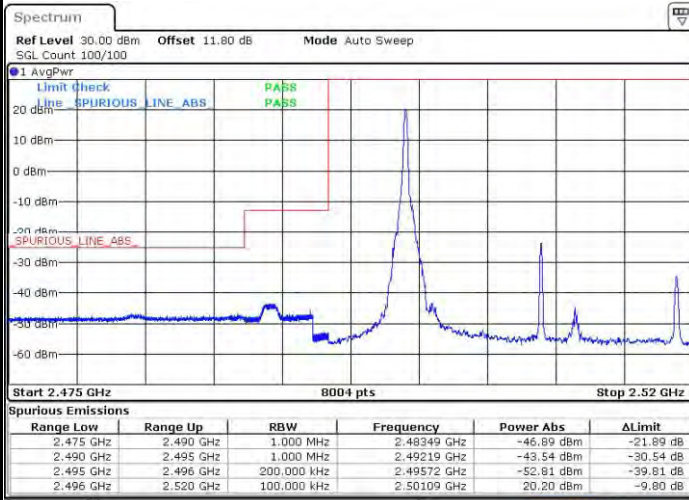
Highest Band Edge / Full RB



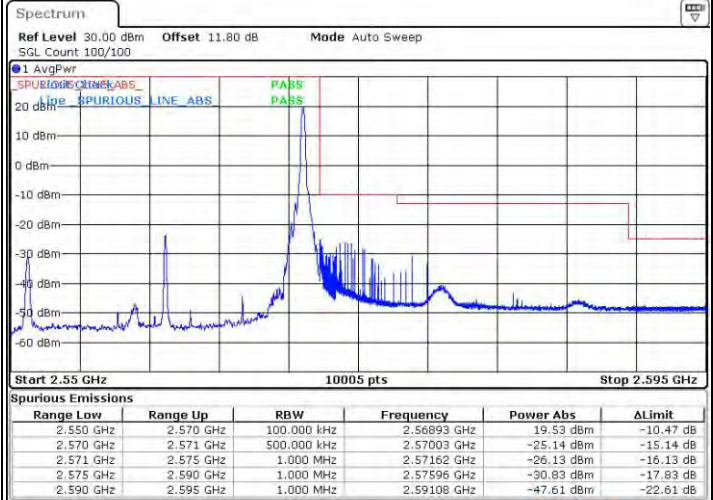


LTE Band 7 / 20MHz / QPSK

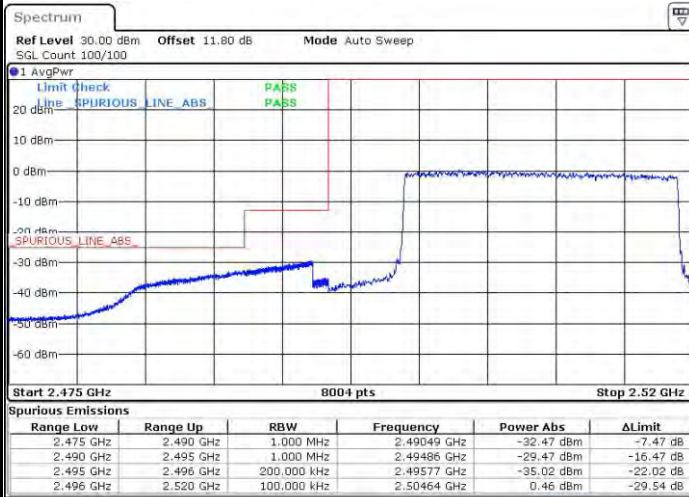
Lowest Band Edge / 1 RB



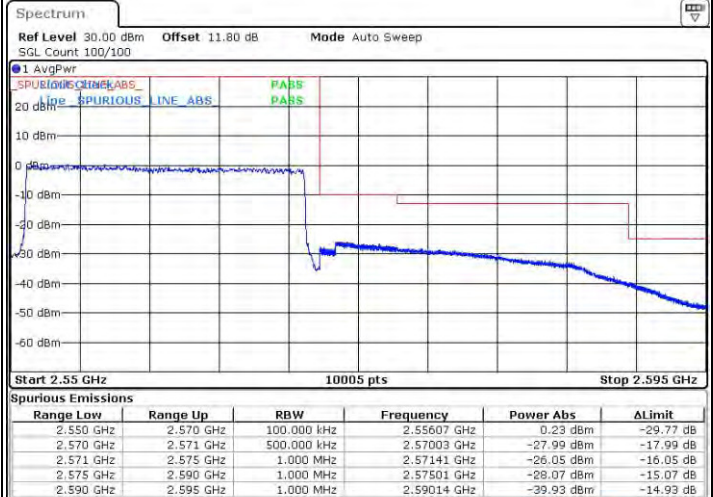
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



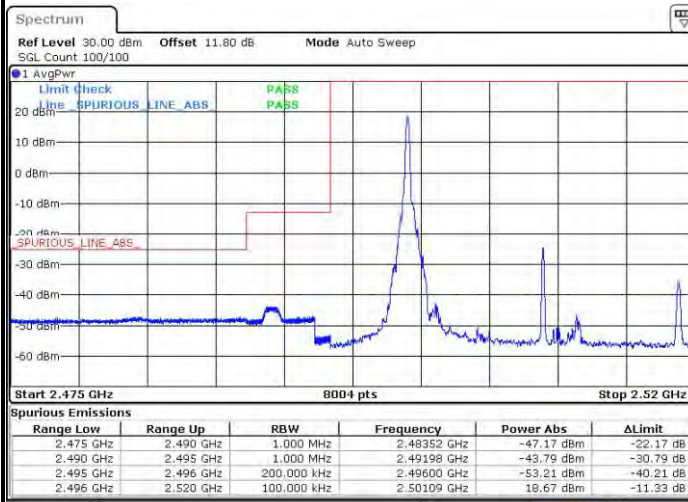
Highest Band Edge / Full RB



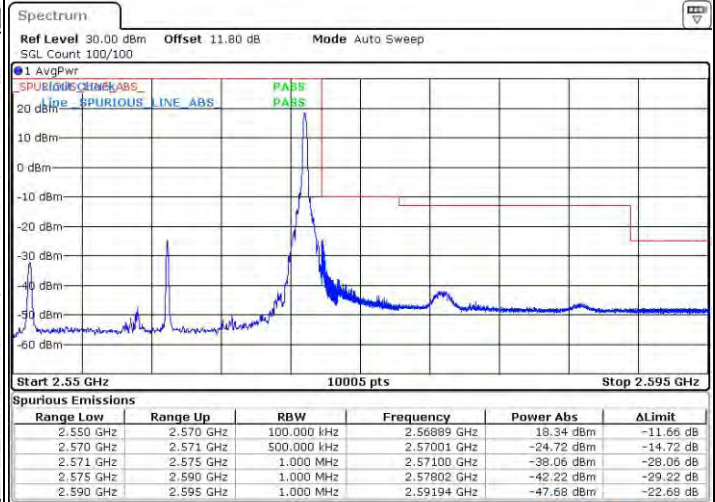


LTE Band 7 / 20MHz / 16QAM

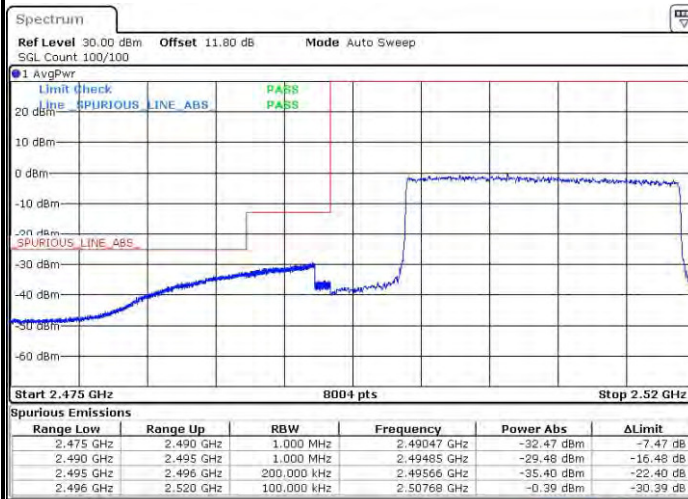
Lowest Band Edge / 1 RB



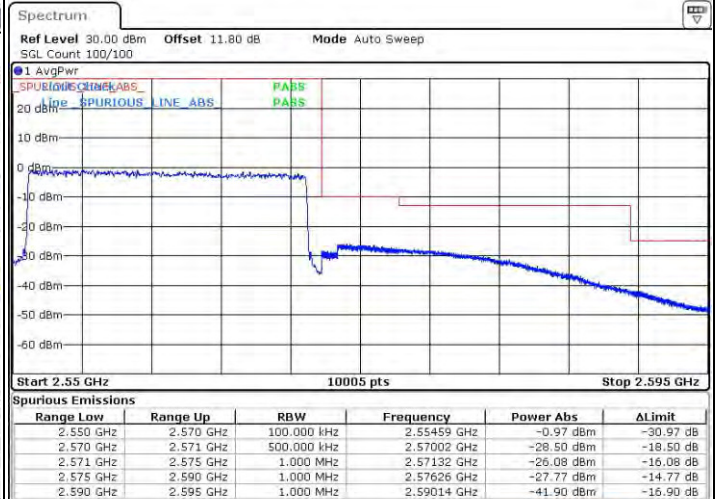
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



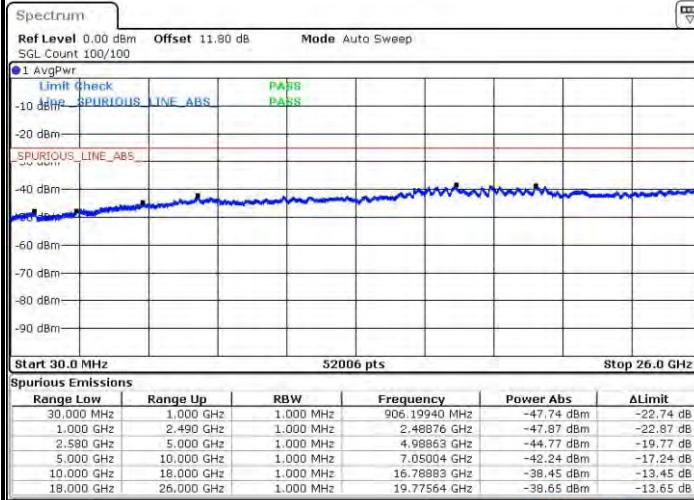


Conducted Spurious Emission



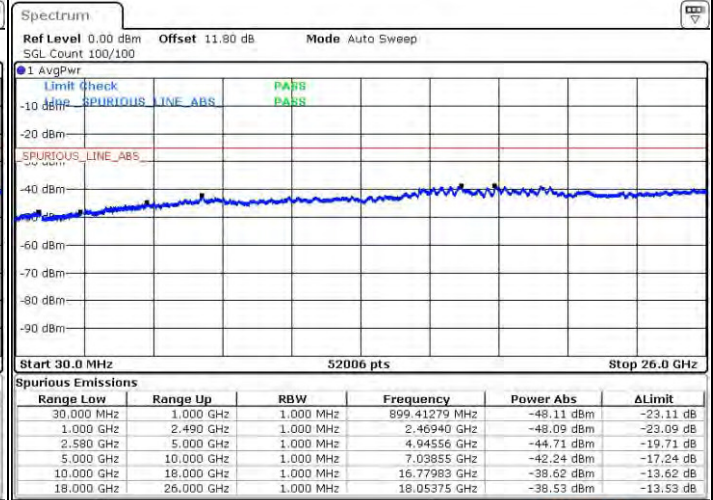
LTE Band 7 / 5MHz

Lowest Channel / QPSK



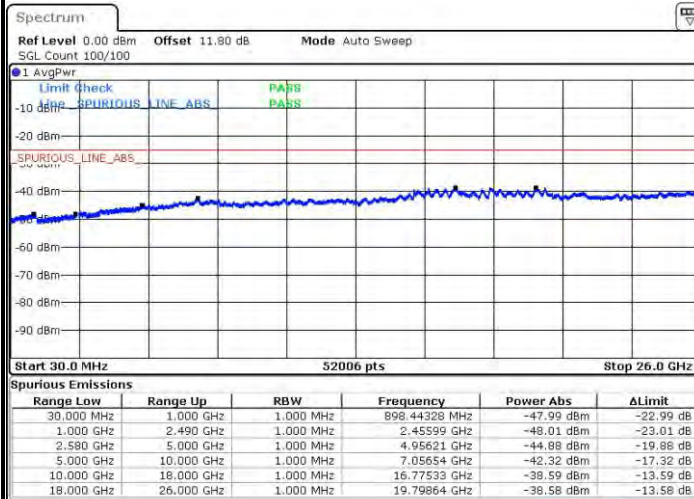
Date: 22 MAY 2016 05:44:17

Lowest Channel / 16QAM



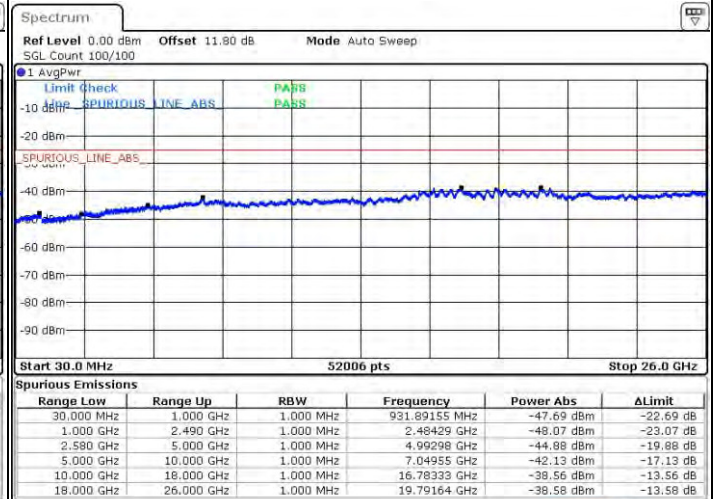
Date: 22 MAY 2016 05:45:11

Middle Channel / QPSK



Date: 22 MAY 2016 05:46:05

Middle Channel / 16QAM

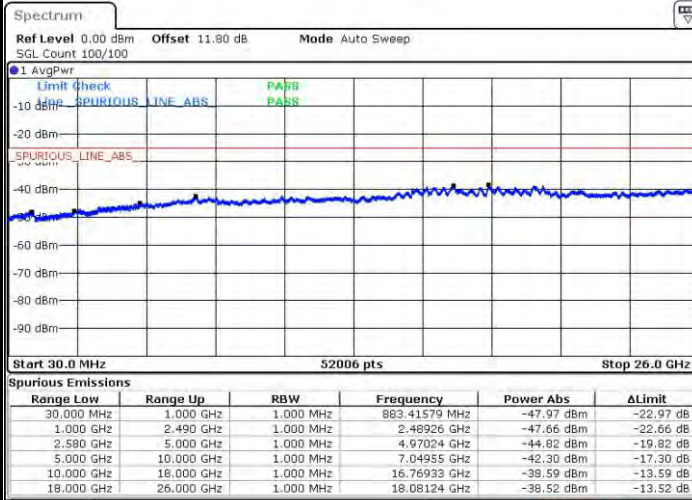


Date: 22 MAY 2016 05:46:58



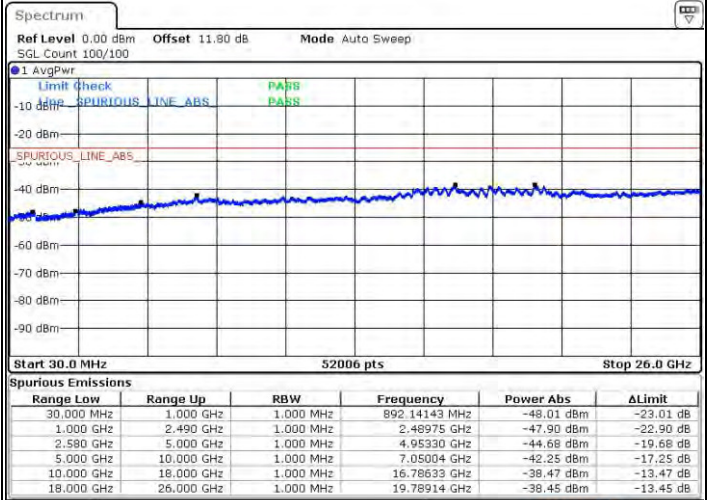
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 22 MAY 2016 05:47:52

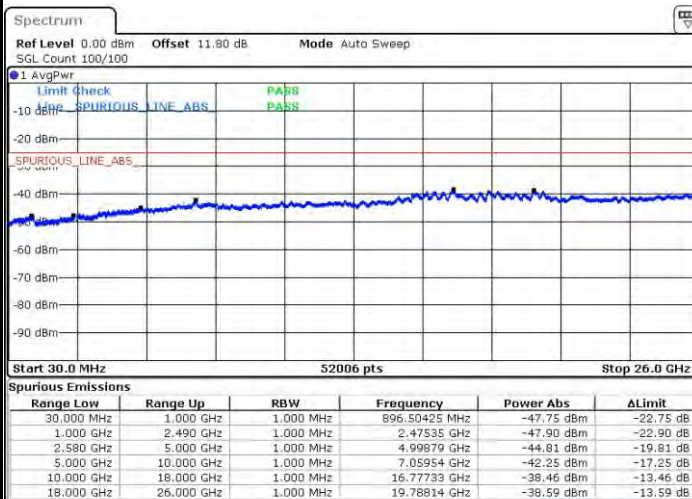
Highest Channel / 16QAM



Date: 22 MAY 2016 05:48:46

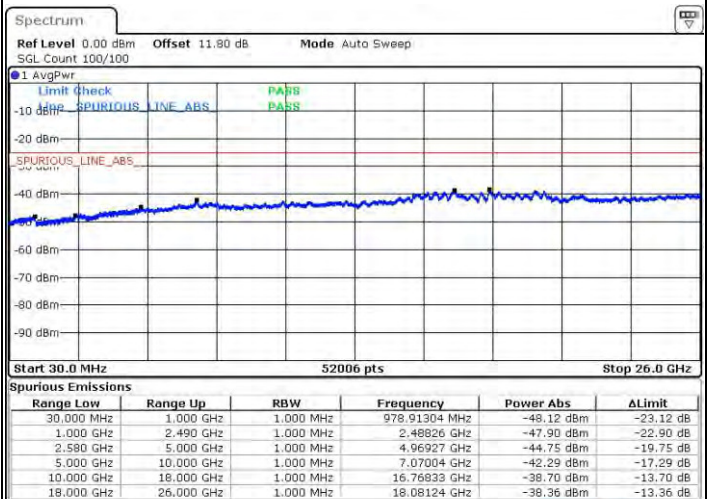
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 22 MAY 2016 05:49:40

Lowest Channel / 16QAM

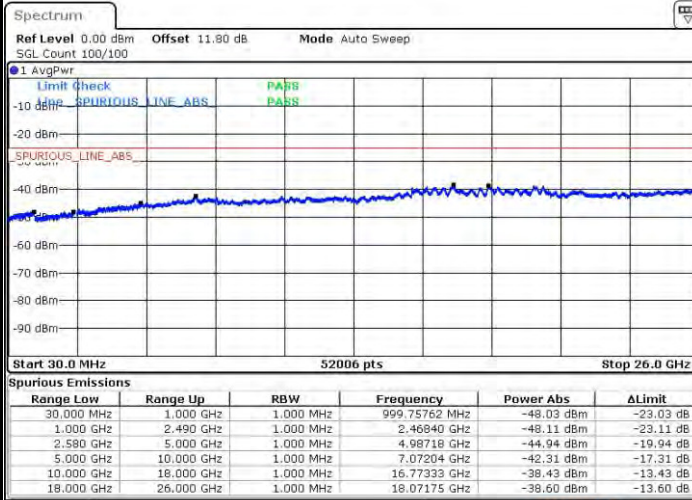


Date: 22 MAY 2016 05:50:34



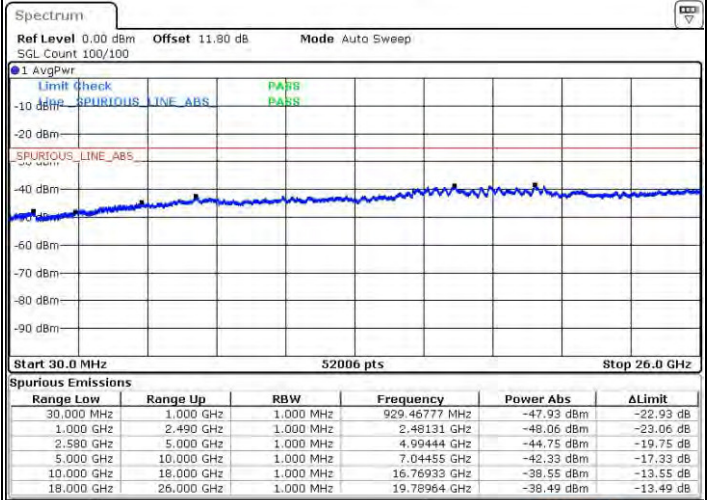
LTE Band 7 / 10MHz

Middle Channel / QPSK



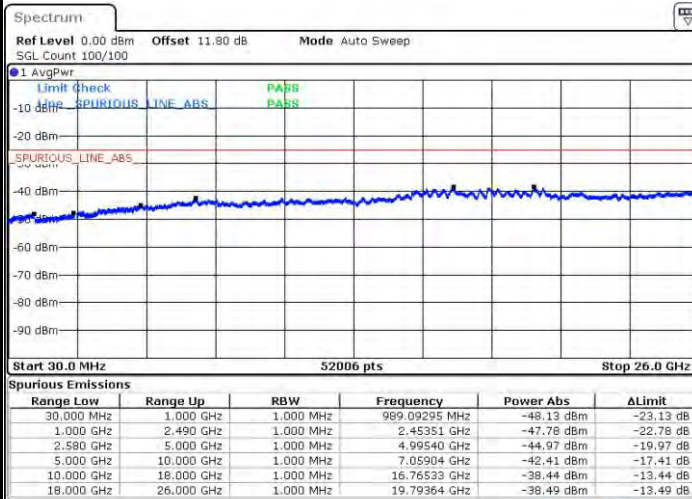
Date: 22 MAY 2016 05:51:27

Middle Channel / 16QAM



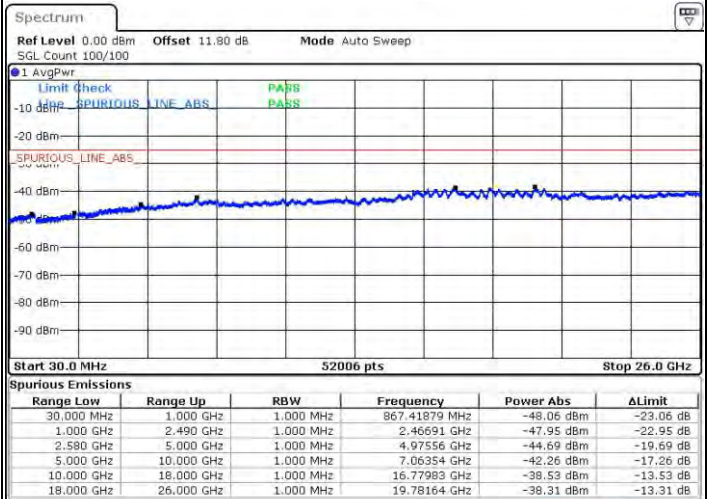
Date: 22 MAY 2016 05:52:21

Highest Channel / QPSK



Date: 22 MAY 2016 05:53:15

Highest Channel / 16QAM

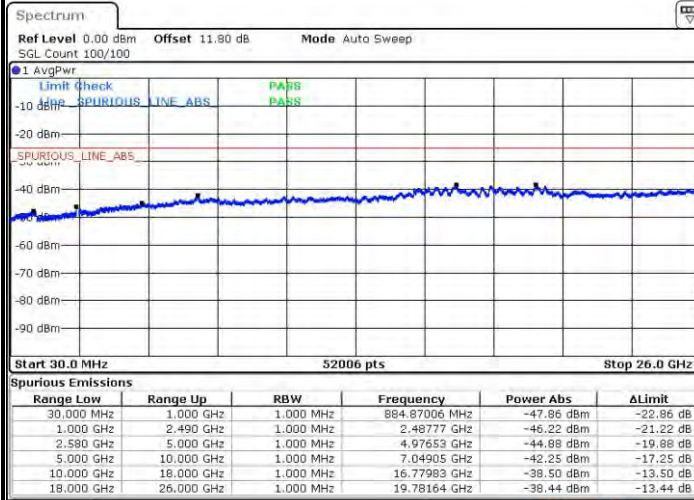


Date: 22 MAY 2016 05:54:09



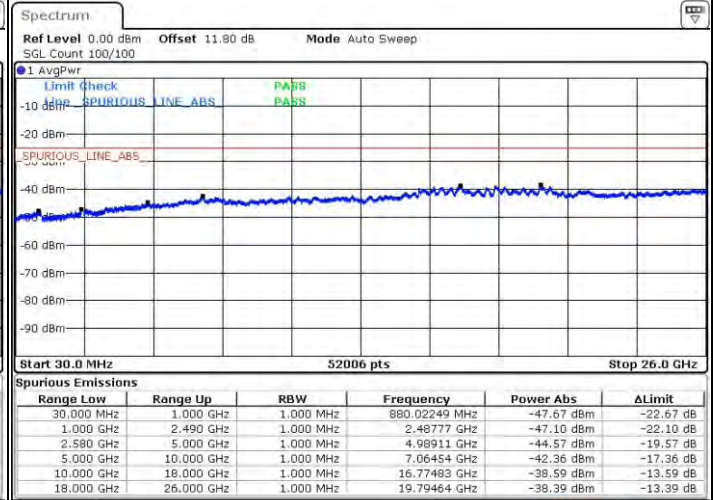
LTE Band 7 / 15MHz

Lowest Channel / QPSK



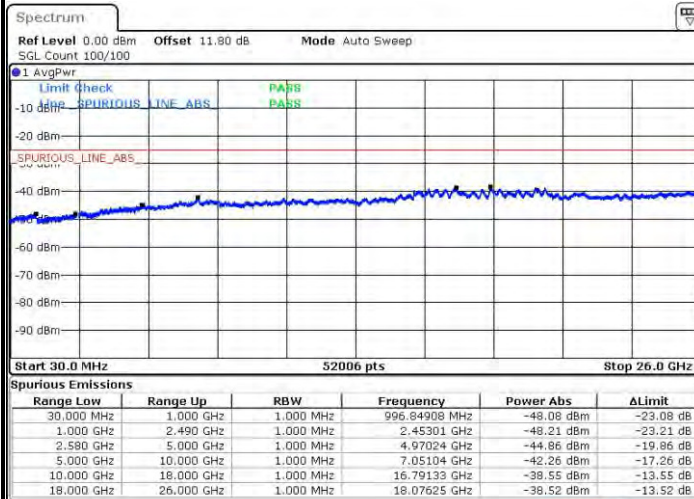
Date: 22 MAY 2016 05:55:02

Lowest Channel / 16QAM



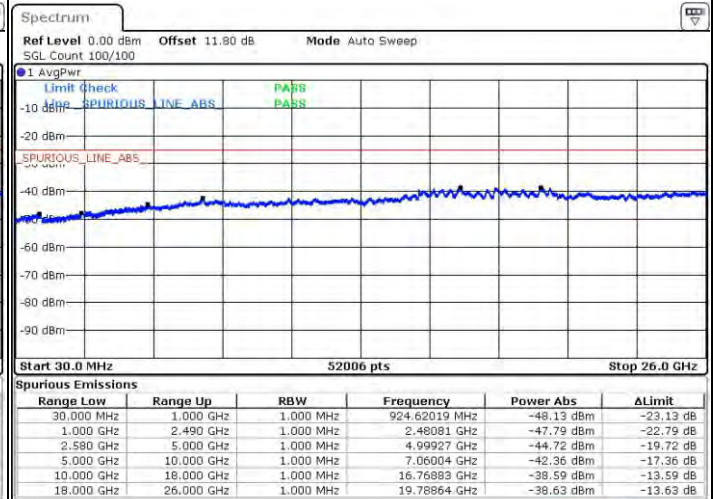
Date: 22 MAY 2016 05:55:56

Middle Channel / QPSK



Date: 22 MAY 2016 05:56:50

Middle Channel / 16QAM

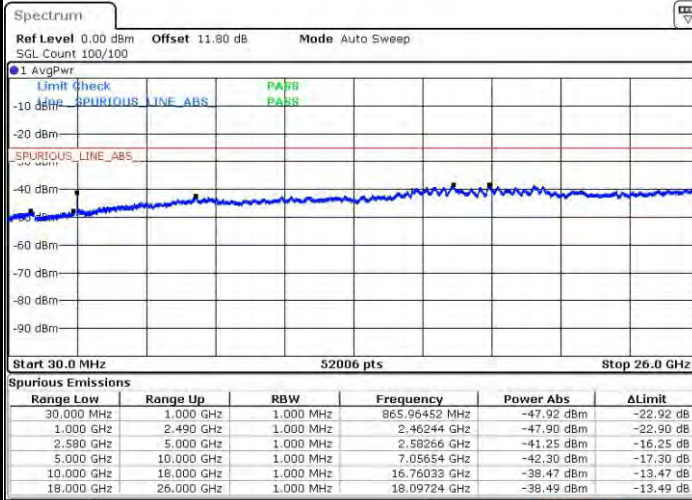


Date: 22 MAY 2016 05:57:44



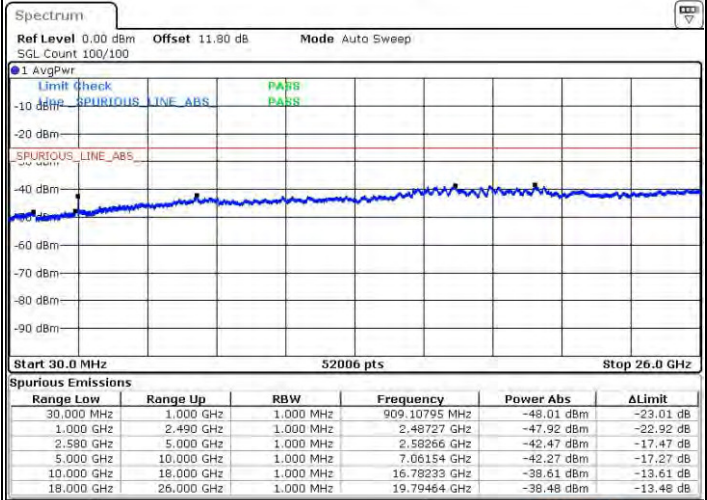
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 22 MAY 2016 05:58:38

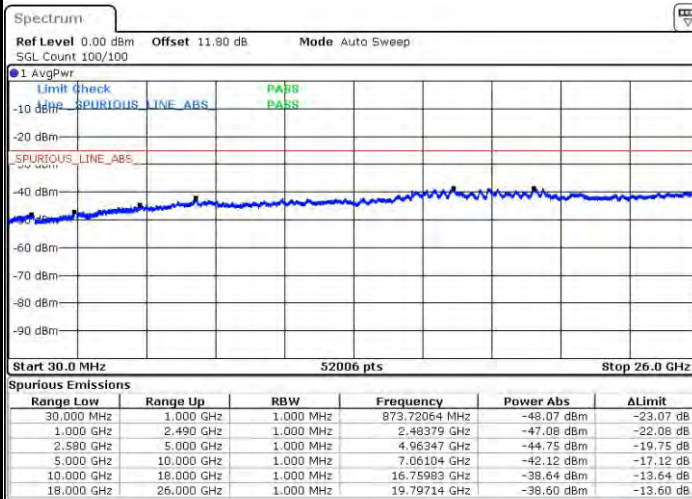
Highest Channel / 16QAM



Date: 22 MAY 2016 05:59:31

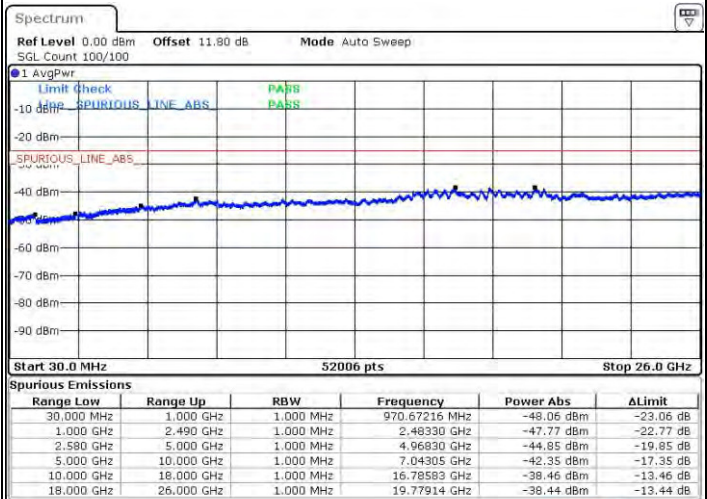
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 22 MAY 2016 06:00:25

Lowest Channel / 16QAM

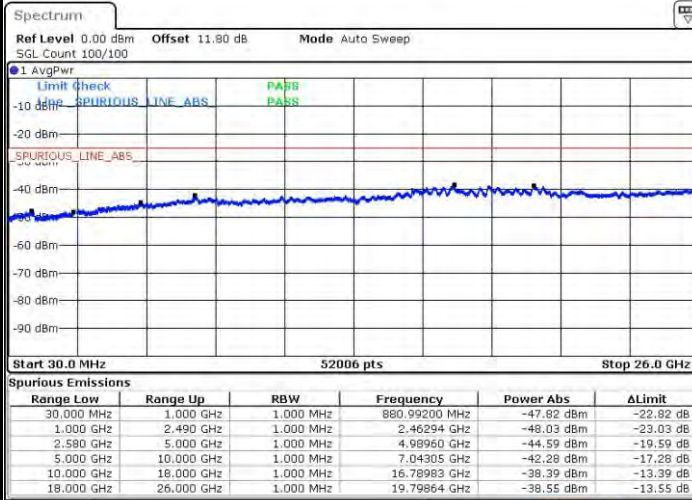


Date: 22 MAY 2016 06:01:19



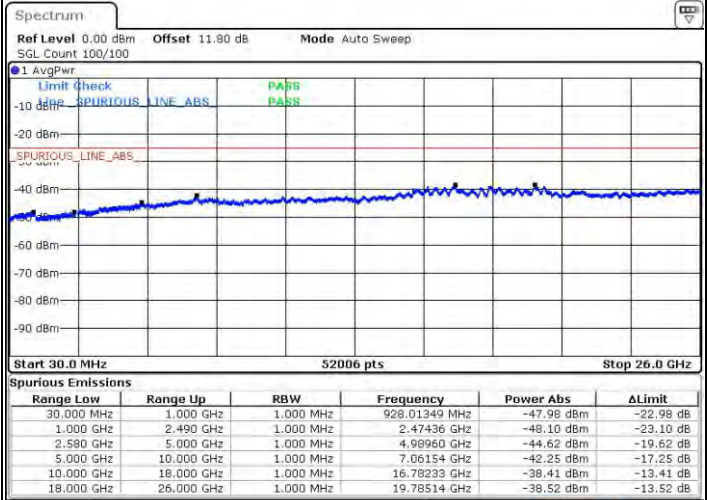
LTE Band 7 / 20MHz

Middle Channel / QPSK



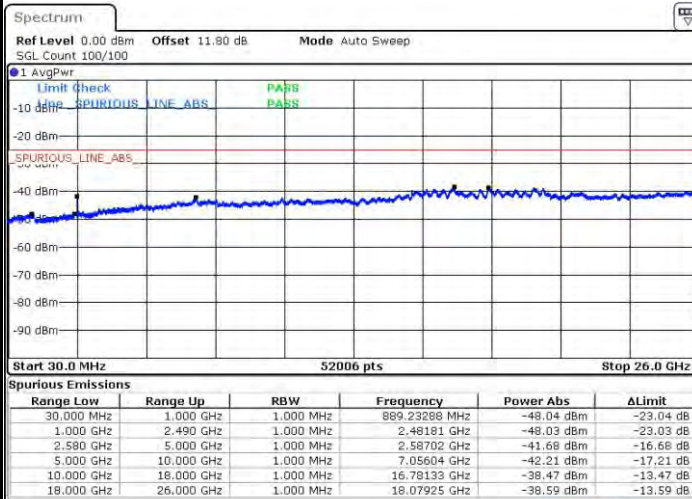
Date: 22 MAY 2016 06:02:13

Middle Channel / 16QAM



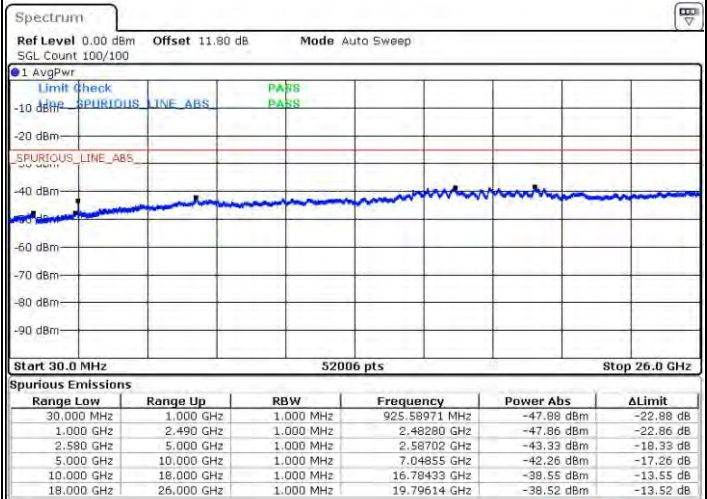
Date: 22 MAY 2016 06:03:06

Highest Channel / QPSK



Date: 22 MAY 2016 06:04:00

Highest Channel / 16QAM



Date: 22 MAY 2016 06:04:54

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0089	
-10	Normal Voltage	0.0082	
-20	Normal Voltage	0.0085	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3V. ; Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

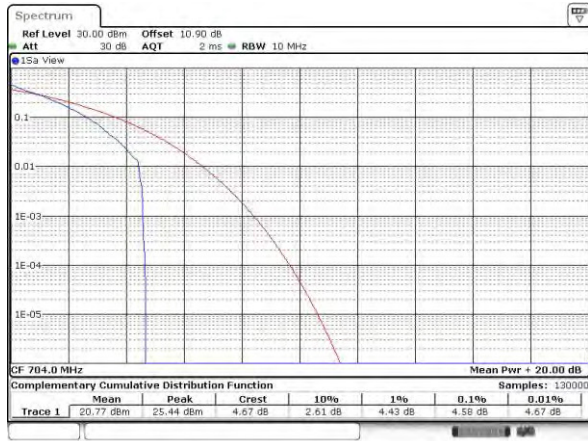
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.58	5.1	5.22	5.97	PASS
Middle CH	4.46	5.22	4.9	6.03	
Highest CH	4.61	5.16	5.57	6.03	

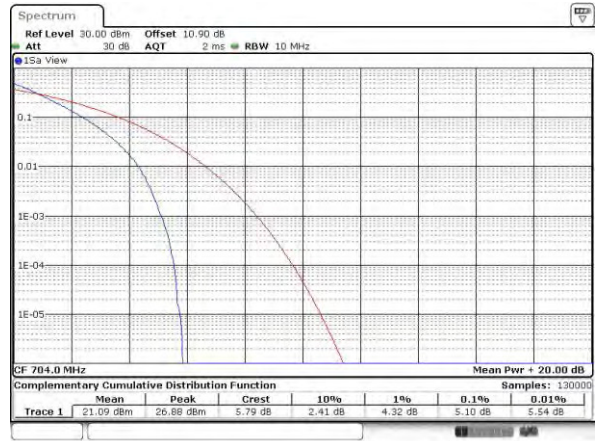


LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



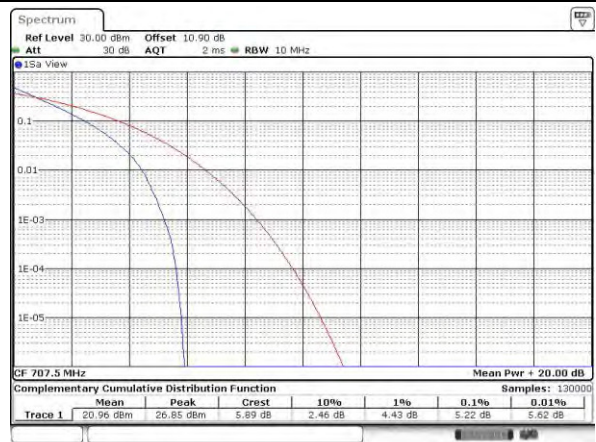
Lowest Channel / Full RB



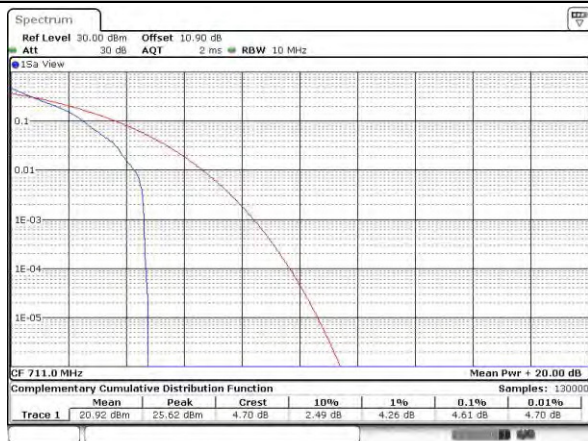
Middle Channel / 1RB



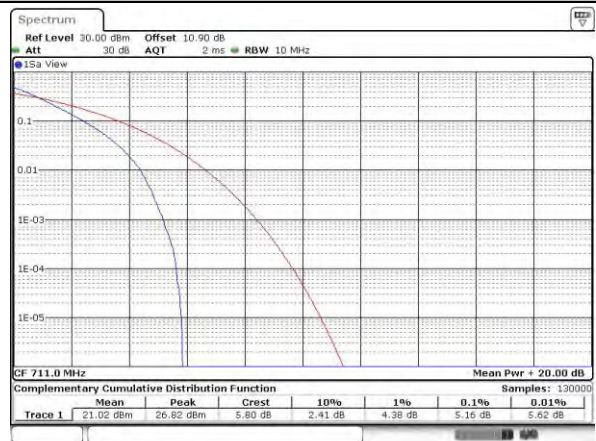
Middle Channel / Full RB



Highest Channel / 1RB



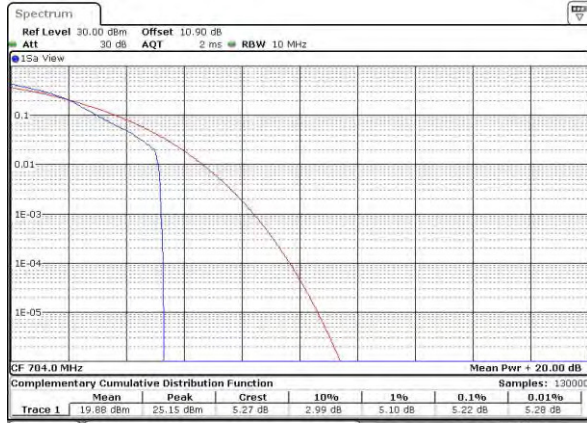
Highest Channel / Full RB





LTE Band 12 / 10MHz / 16QAM

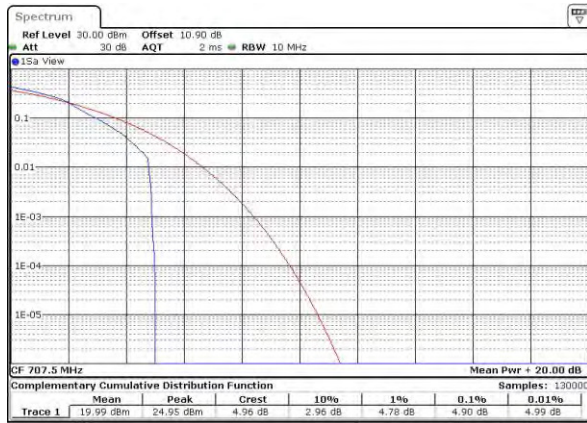
Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



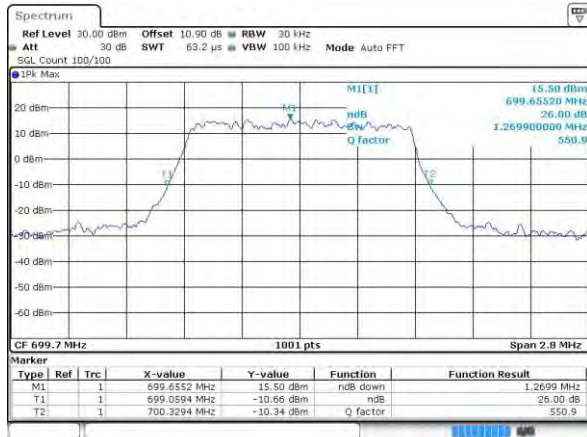
**26dB Bandwidth**

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	1.27	1.26	3.02	3.03	5	4.94	9.85	9.91	-	-	-	-
Middle CH	1.26	1.25	3.02	2.99	4.91	4.85	9.95	9.79	-	-	-	-
Highest CH	1.3	1.28	3.02	3	4.99	4.85	9.85	9.75	-	-	-	-



LTE Band 12

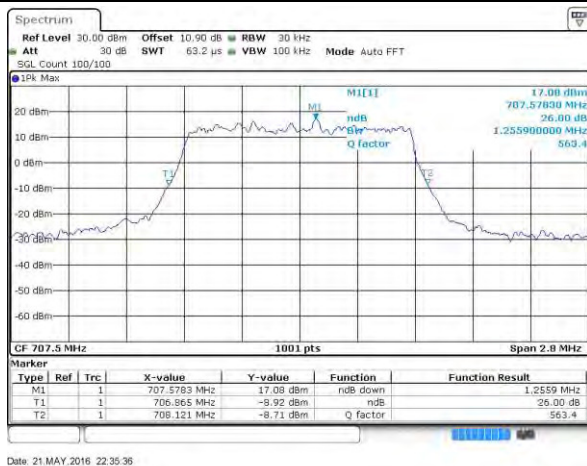
Lowest Channel / 1.4MHz / QPSK



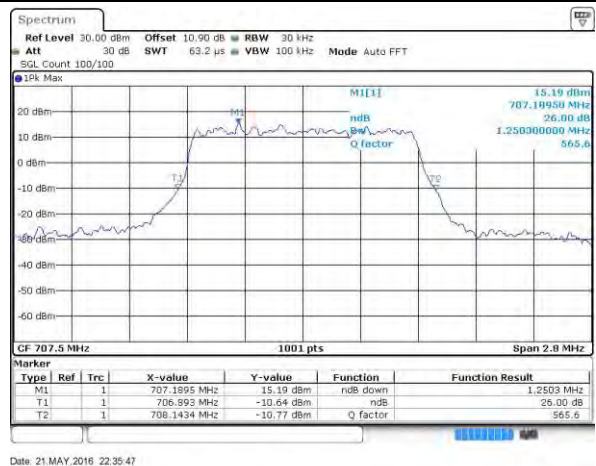
Lowest Channel / 1.4MHz / 16QAM



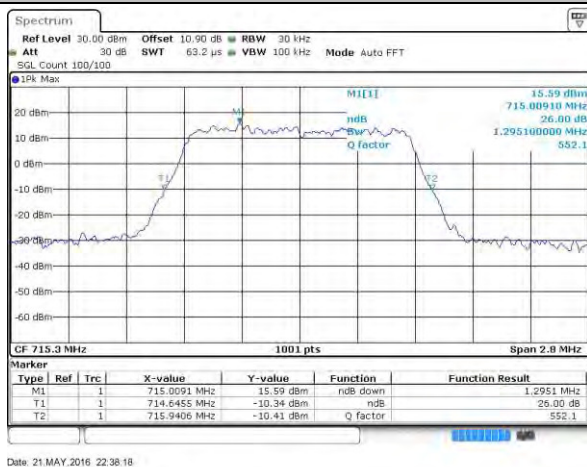
Middle Channel / 1.4MHz / QPSK



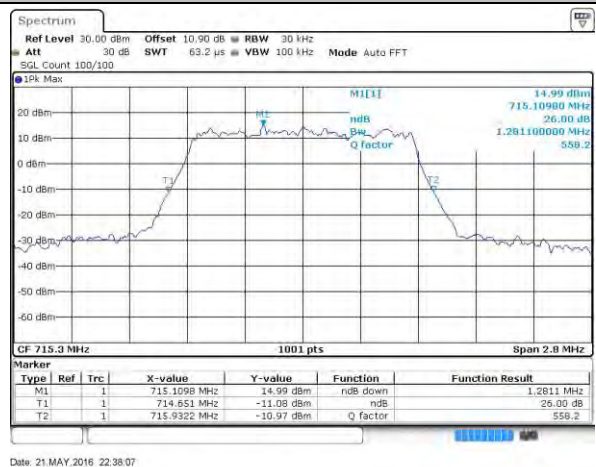
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



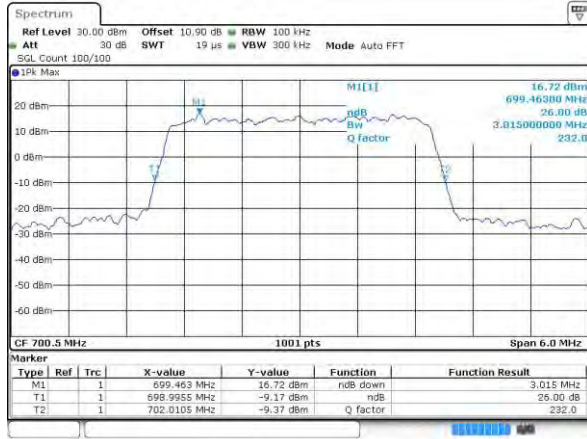
Highest Channel / 1.4MHz / 16QAM



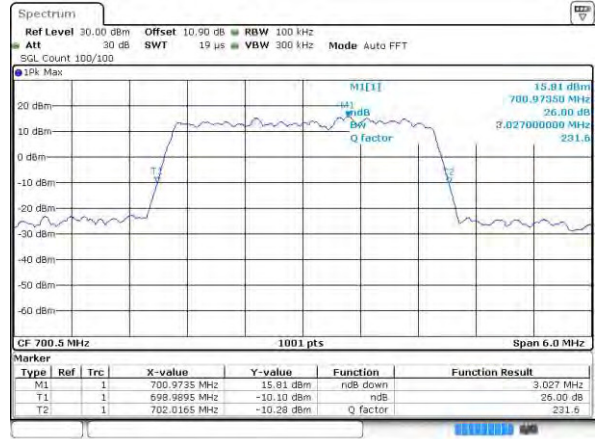


LTE Band 12

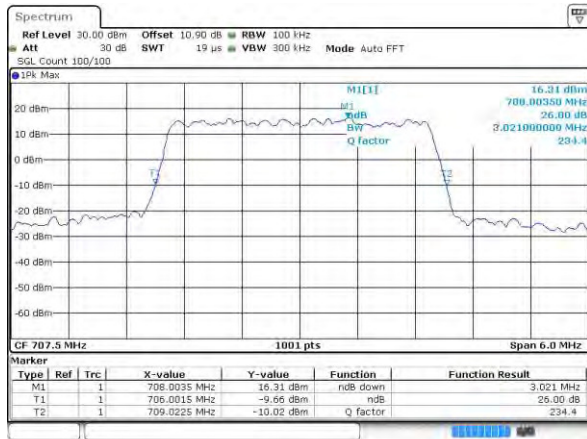
Lowest Channel / 3MHz / QPSK



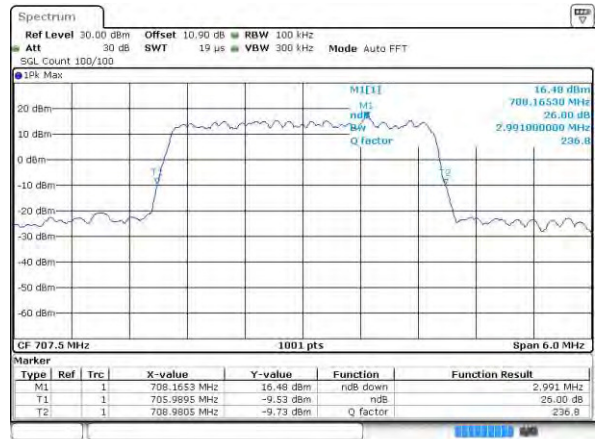
Lowest Channel / 3MHz / 16QAM



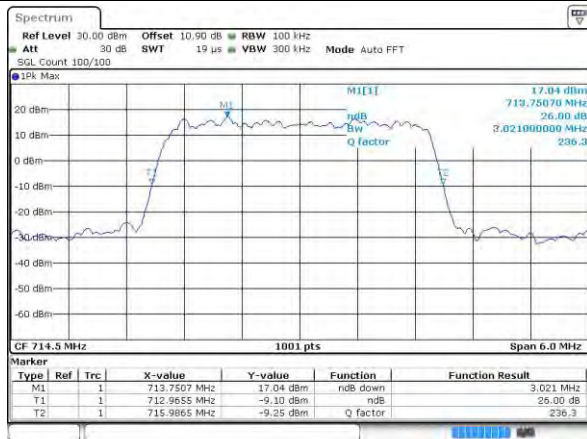
Middle Channel / 3MHz / QPSK



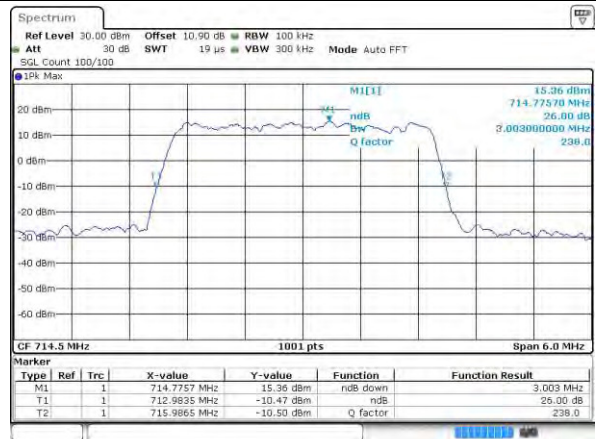
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



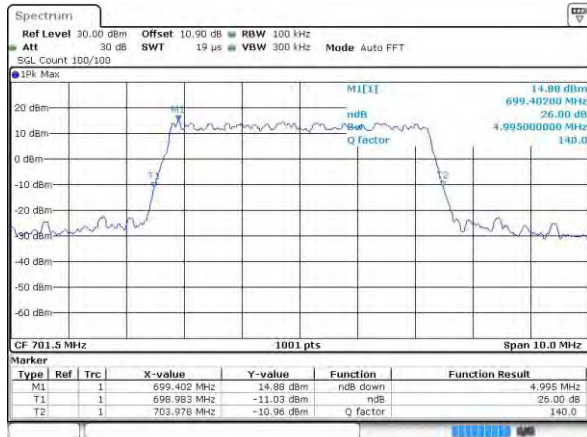
Highest Channel / 3MHz / 16QAM





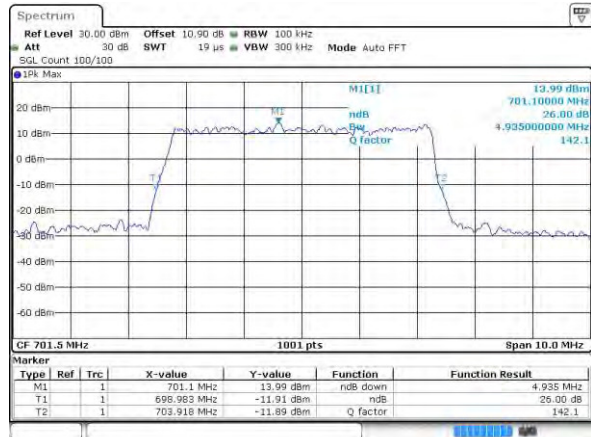
LTE Band 12

Lowest Channel / 5MHz / QPSK



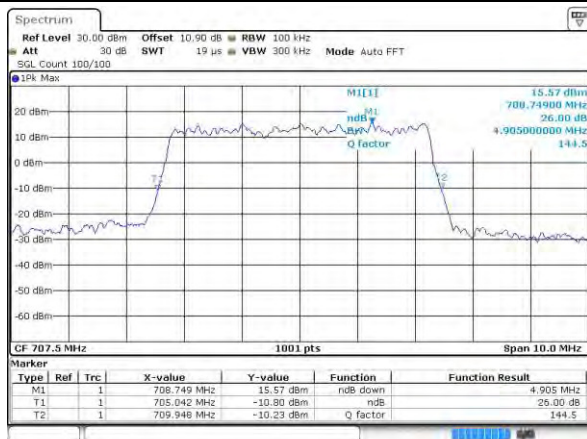
Date: 21 MAY 2016 23:12:51

Lowest Channel / 5MHz / 16QAM



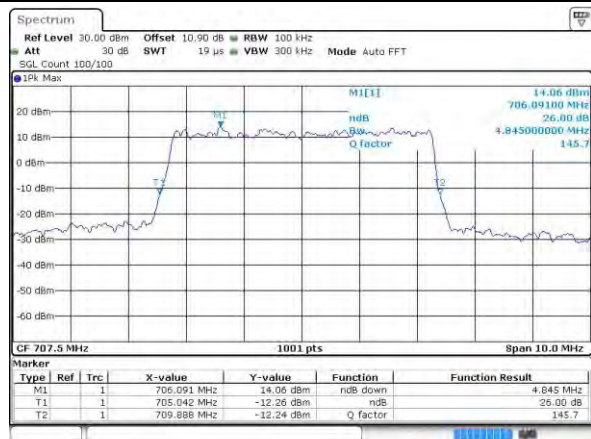
Date: 21 MAY 2016 23:12:40

Middle Channel / 5MHz / QPSK



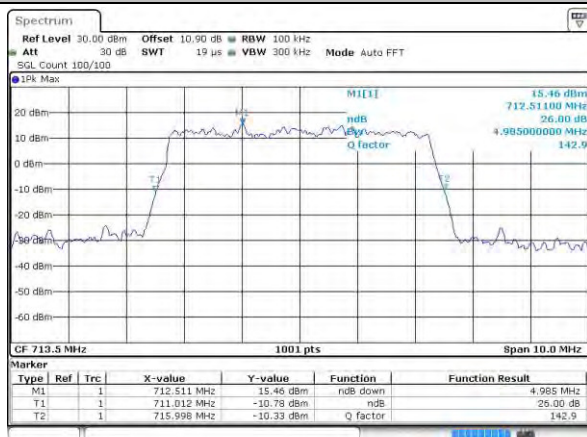
Date: 21 MAY 2016 23:23:21

Middle Channel / 5MHz / 16QAM



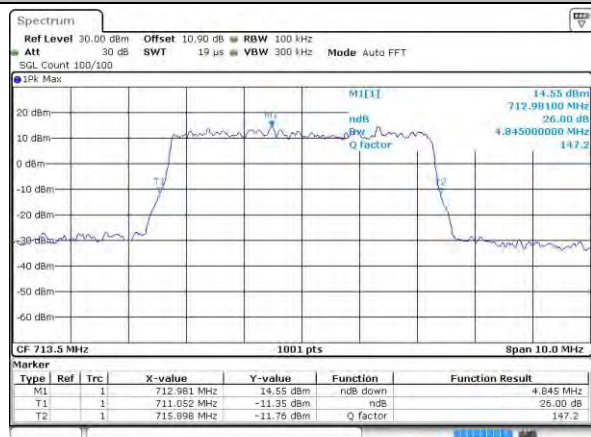
Date: 21 MAY 2016 23:23:32

Highest Channel / 5MHz / QPSK



Date: 21 MAY 2016 23:26:03

Highest Channel / 5MHz / 16QAM

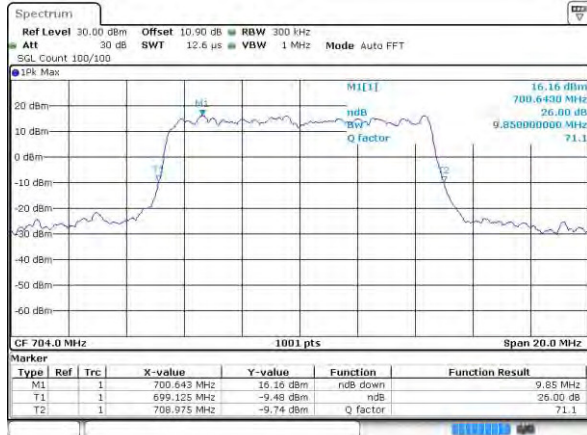


Date: 21 MAY 2016 23:25:52

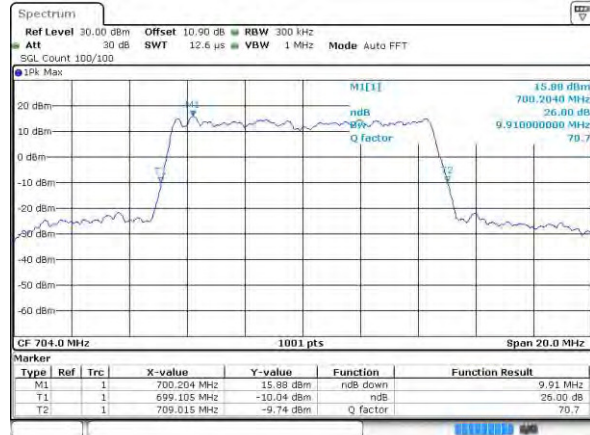


LTE Band 12

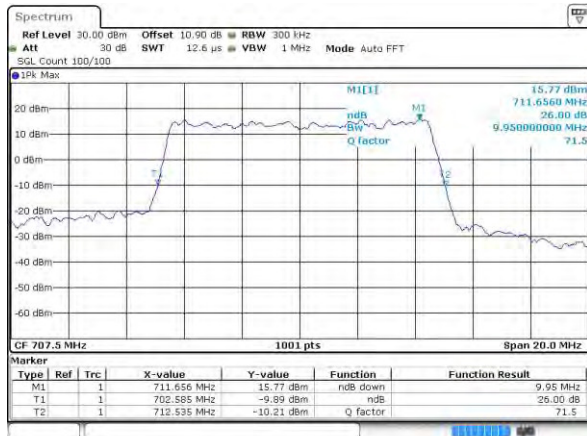
Lowest Channel / 10MHz / QPSK



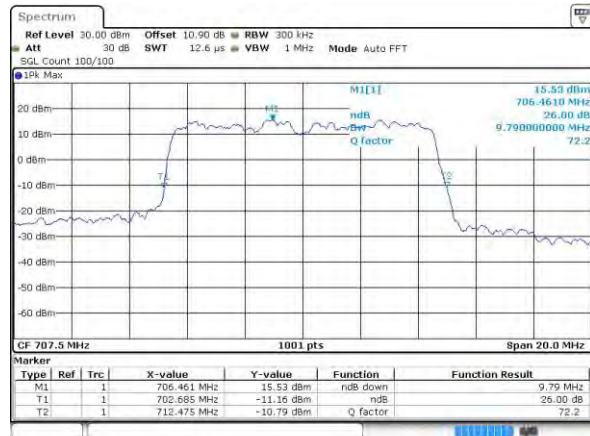
Lowest Channel / 10MHz / 16QAM



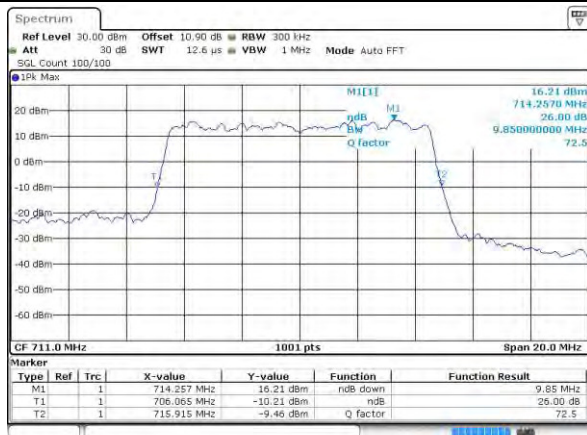
Middle Channel / 10MHz / QPSK



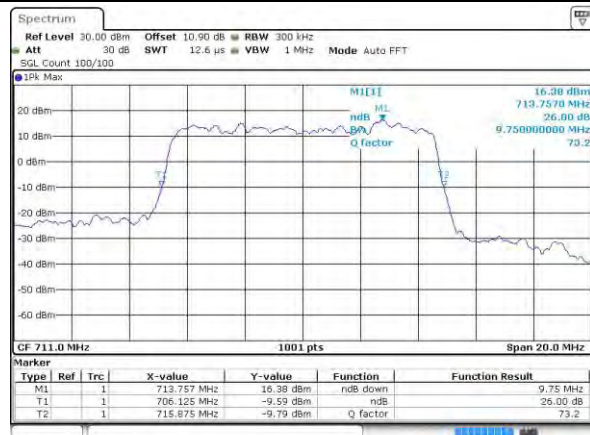
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



**Occupied Bandwidth**

Mode	LTE Band 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	1.1	1.09	2.72	2.72	4.5	4.5	9.09	9.07	-	-	-	-
Middle CH	1.1	1.09	2.73	2.7	4.51	4.5	9.03	9.05	-	-	-	-
Highest CH	1.1	1.1	2.72	2.7	4.49	4.5	9.05	9.03	-	-	-	-