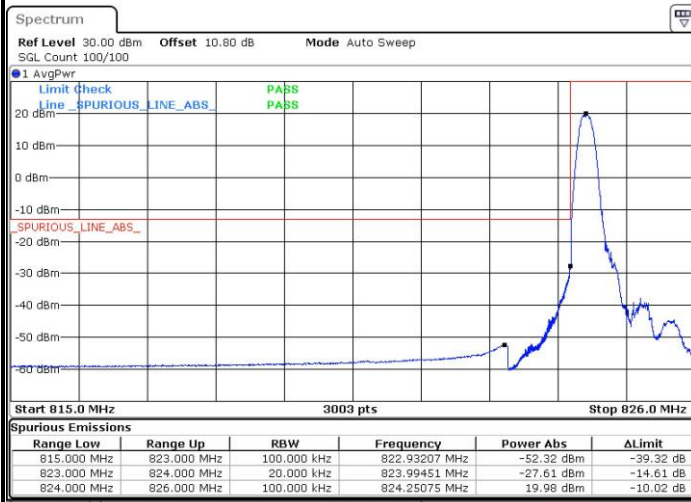




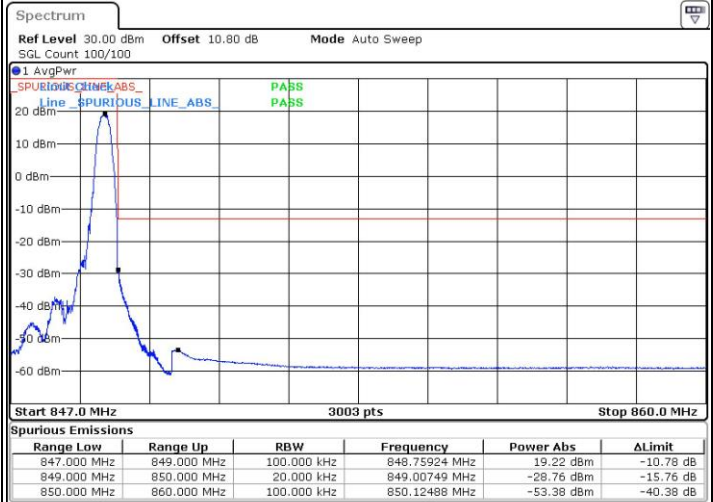
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



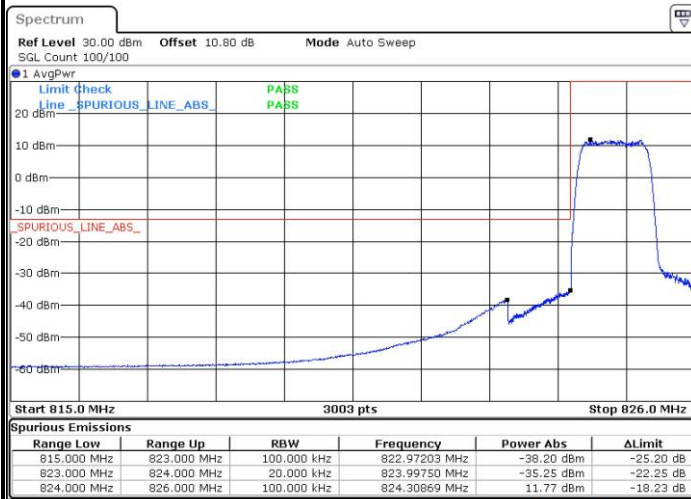
Date: 19 JUN 2017 19:23:59

Highest Band Edge / 1 RB



Date: 19 JUN 2017 19:38:54

Lowest Band Edge / Full RB



Date: 19 JUN 2017 19:27:17

Highest Band Edge / Full RB

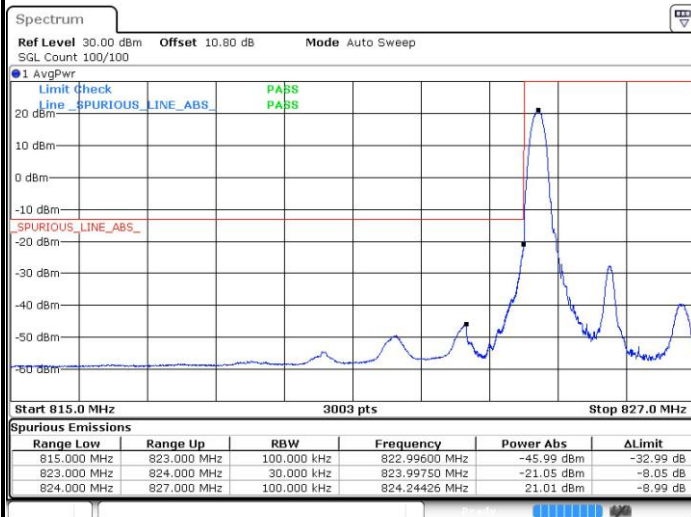


Date: 19 JUN 2017 19:35:36

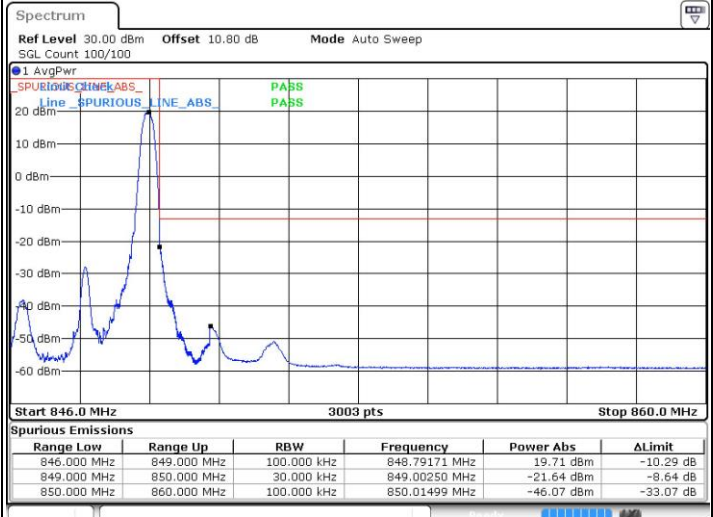


LTE Band 5 / 3MHz / QPSK

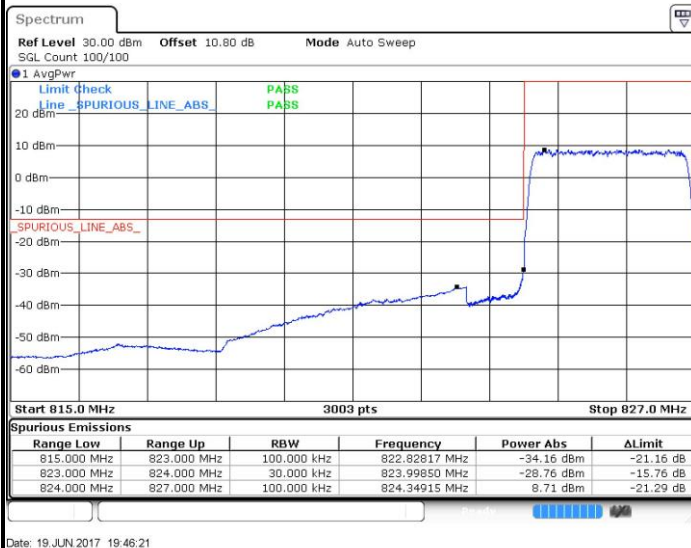
Lowest Band Edge / 1RB



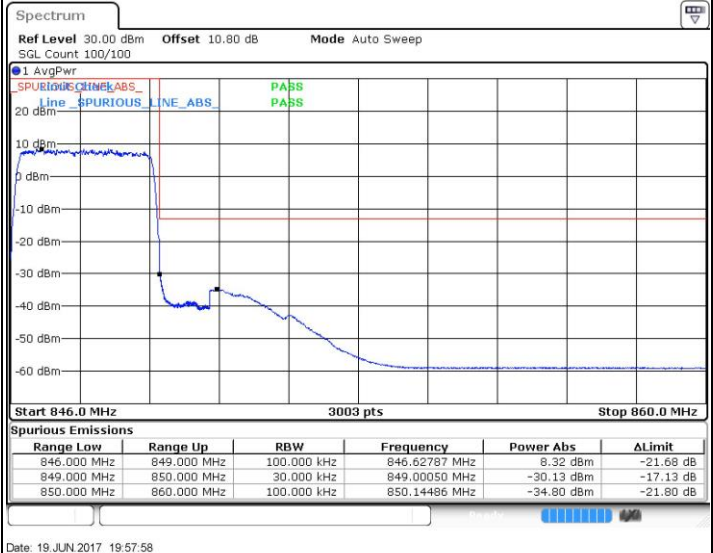
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



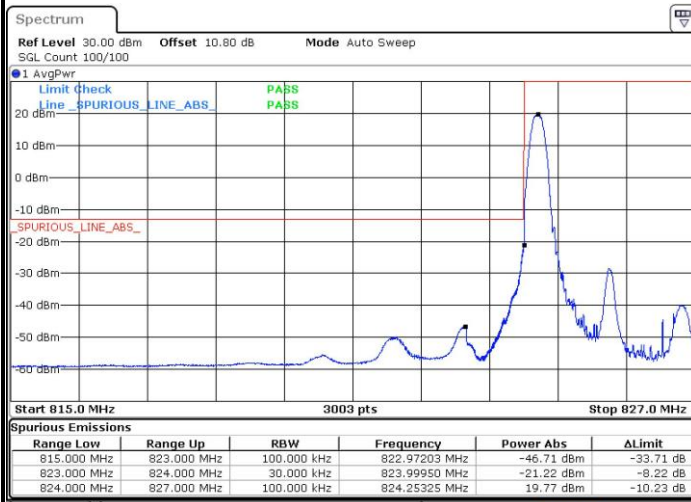
Highest Band Edge / Full RB





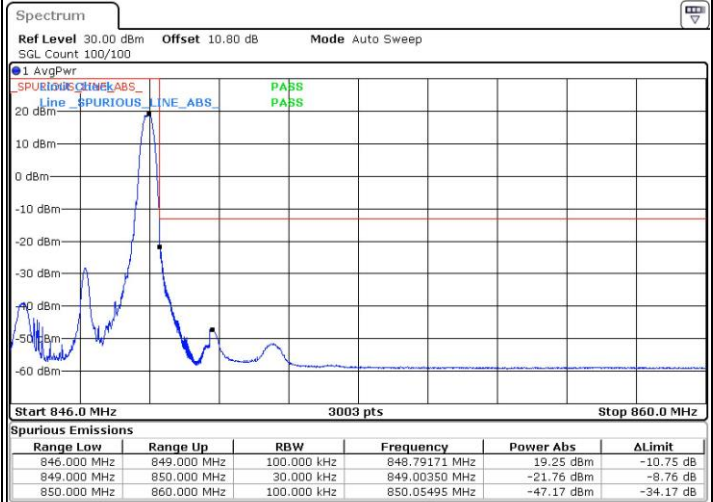
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



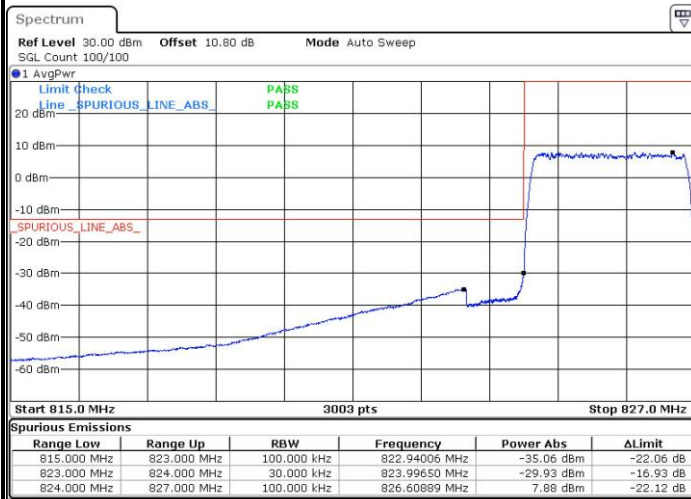
Date: 19 JUN 2017 19:44:42

Highest Band Edge / 1 RB



Date: 19 JUN 2017 19:56:19

Lowest Band Edge / Full RB



Date: 19 JUN 2017 19:48:00

Highest Band Edge / Full RB

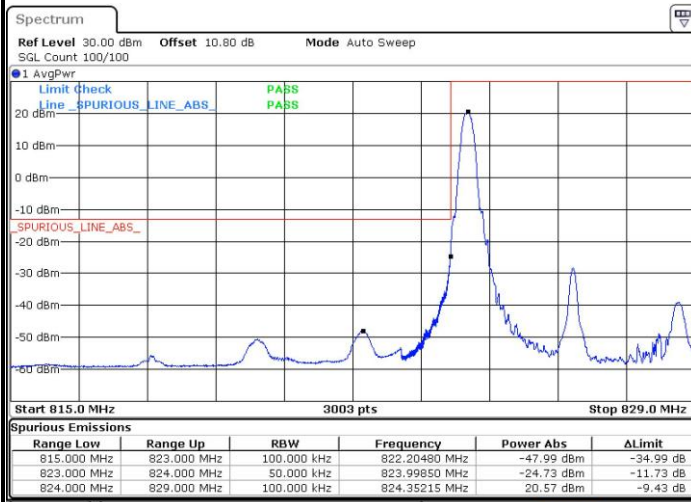


Date: 19 JUN 2017 19:59:37

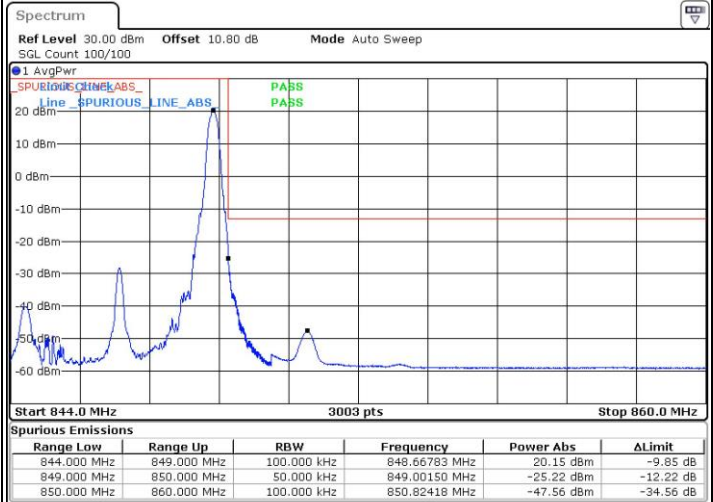


LTE Band 5 / 5MHz / QPSK

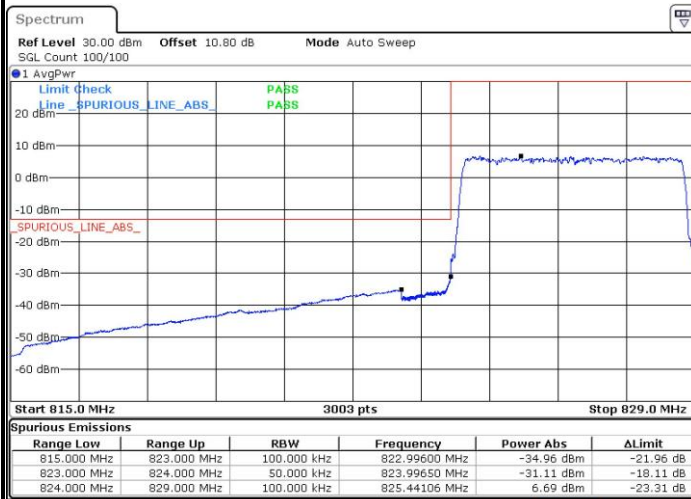
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



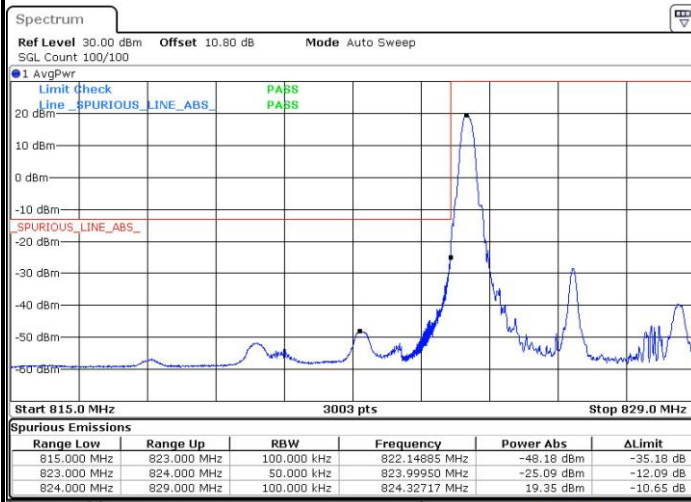
Highest Band Edge / Full RB



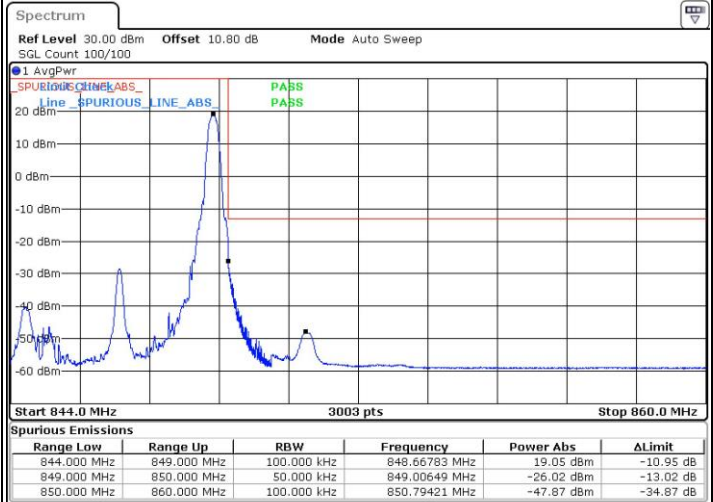


LTE Band 5 / 5MHz / 16QAM

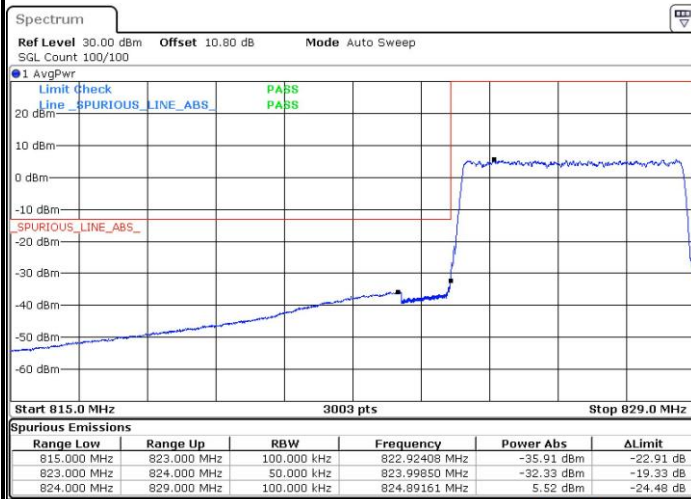
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



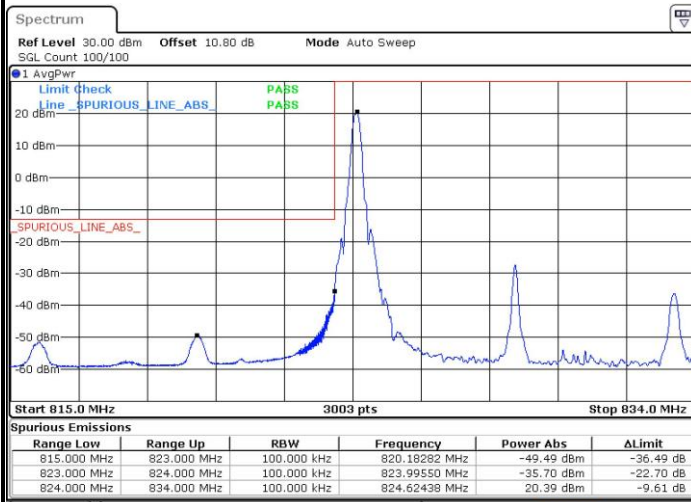
Highest Band Edge / Full RB



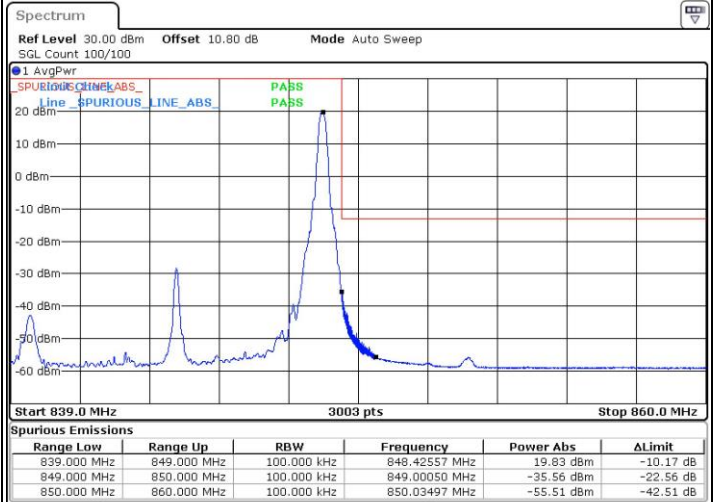


LTE Band 5 / 10MHz / QPSK

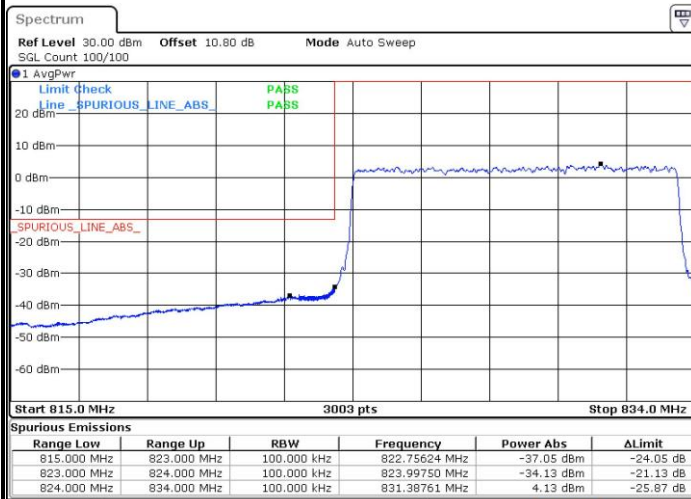
Lowest Band Edge / 1 RB



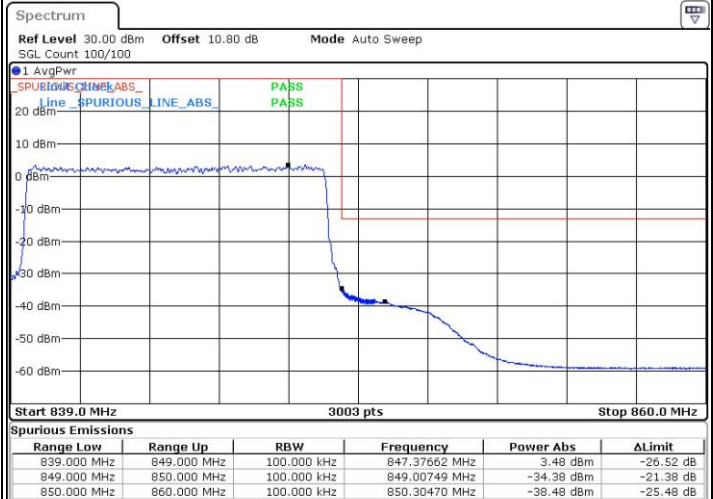
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



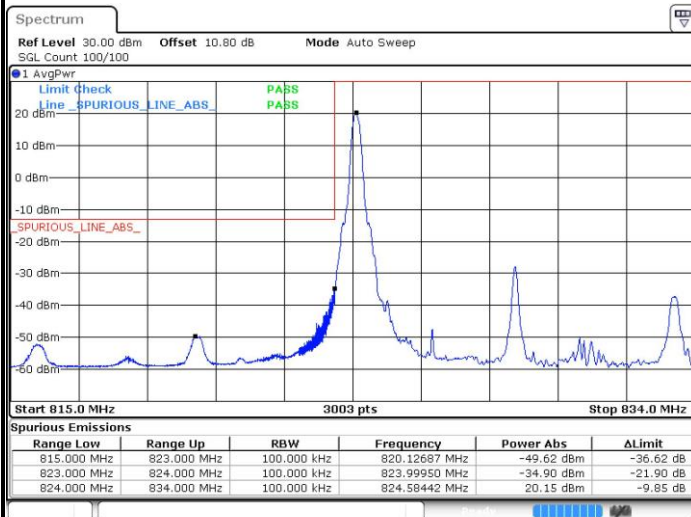
Highest Band Edge / Full RB



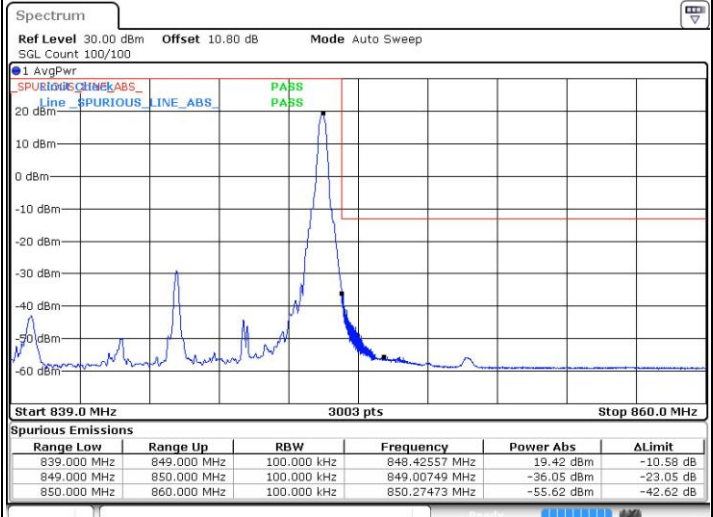


LTE Band 5 / 10MHz / 16QAM

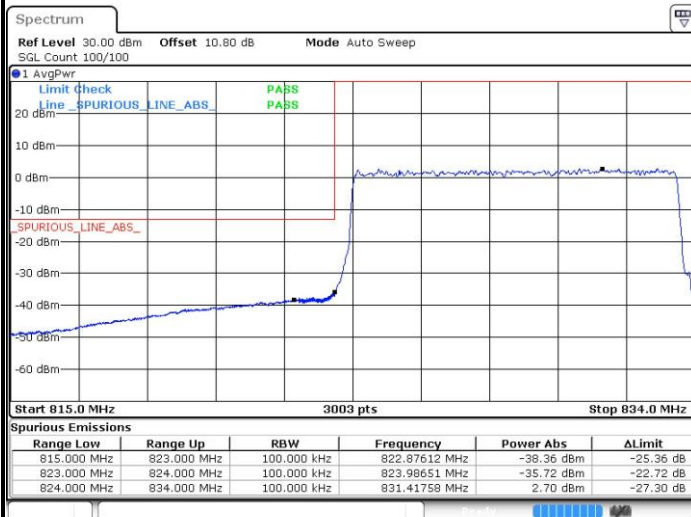
Lowest Band Edge / 1 RB



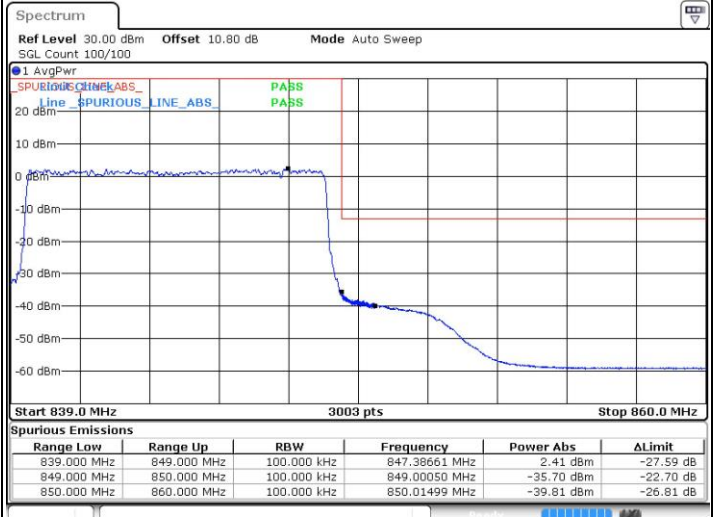
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



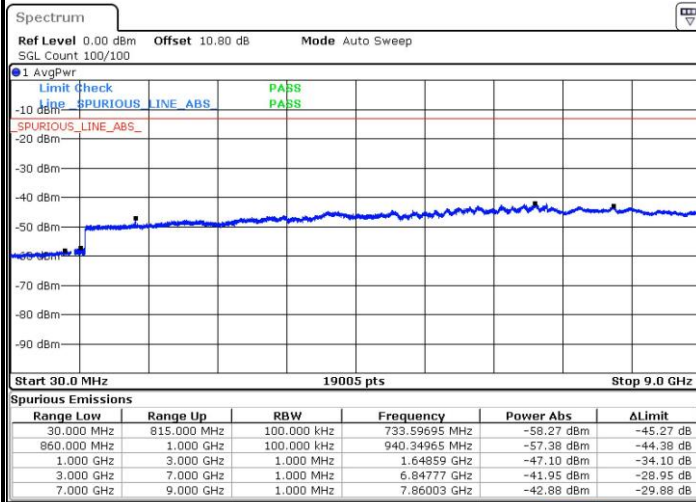


Conducted Spurious Emission



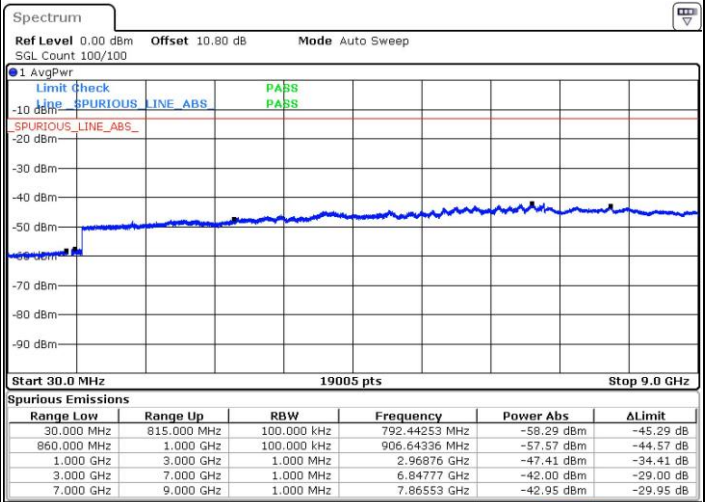
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



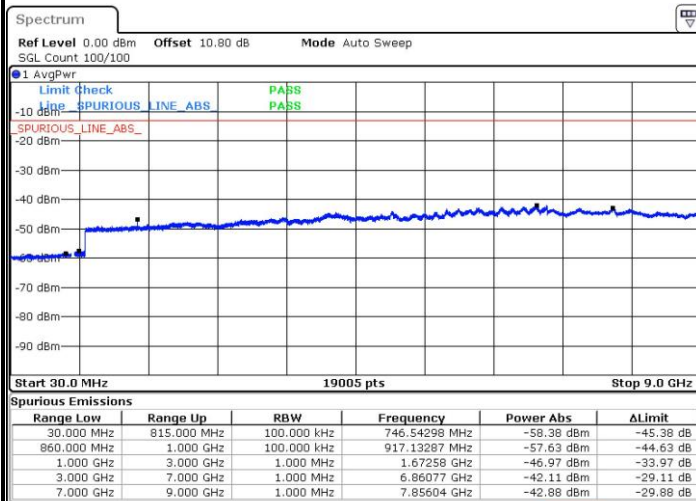
Date: 19 JUN 2017 19:28:12

Lowest Channel / 16QAM



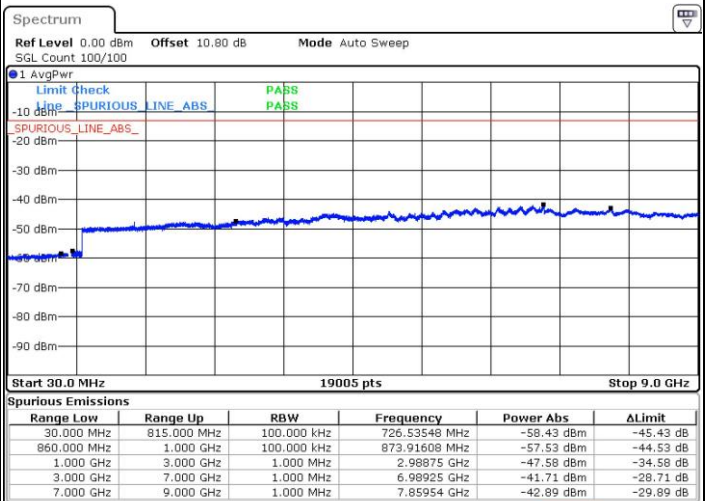
Date: 19 JUN 2017 19:29:07

Middle Channel / QPSK



Date: 19 JUN 2017 19:30:42

Middle Channel / 16QAM

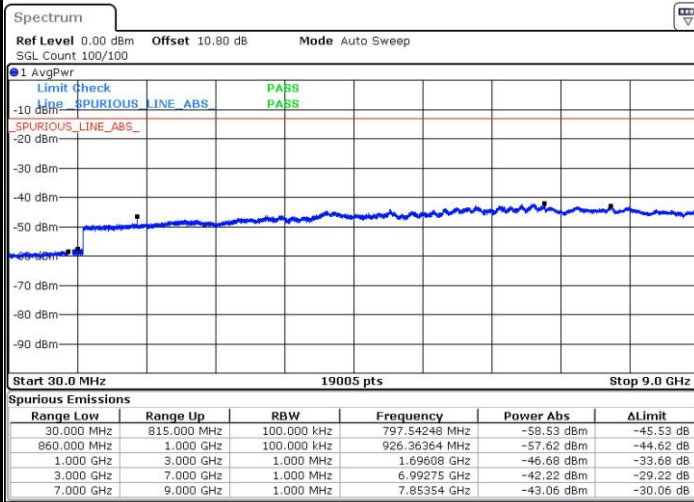


Date: 19 JUN 2017 19:31:37



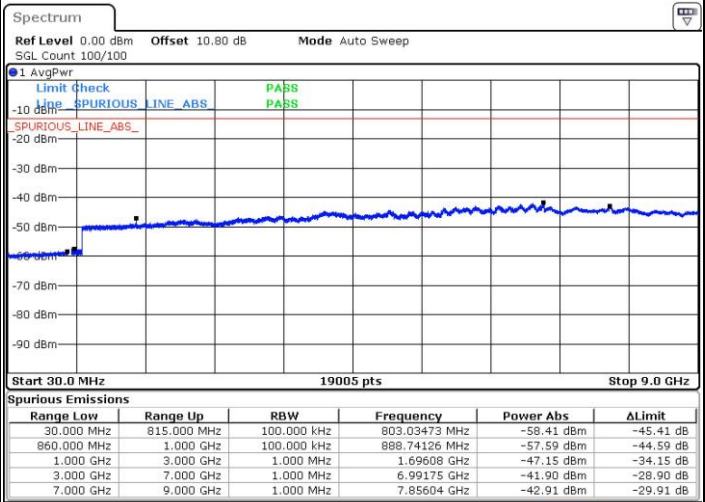
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 19 JUN 2017 19:39:49

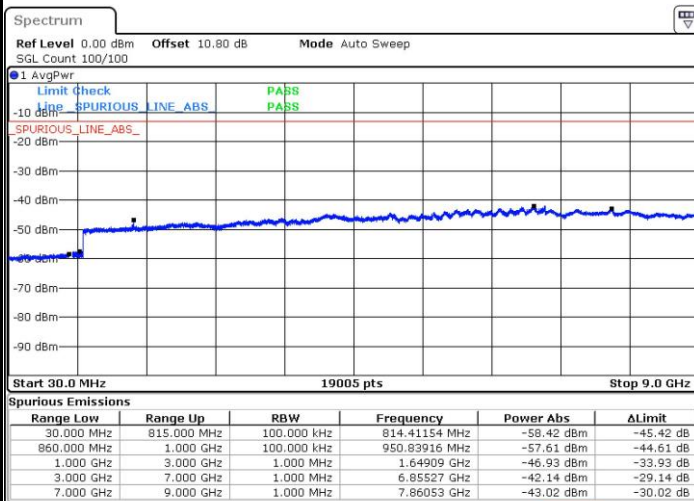
Highest Channel / 16QAM



Date: 19 JUN 2017 19:40:43

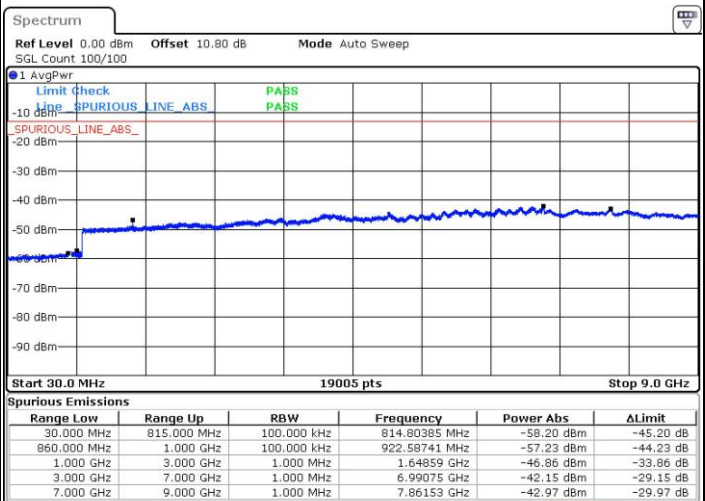
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 19 JUN 2017 19:48:55

Lowest Channel / 16QAM

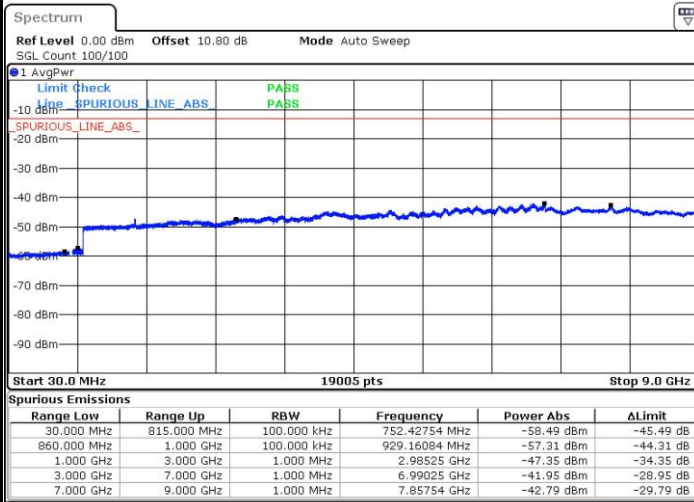


Date: 19 JUN 2017 19:49:50



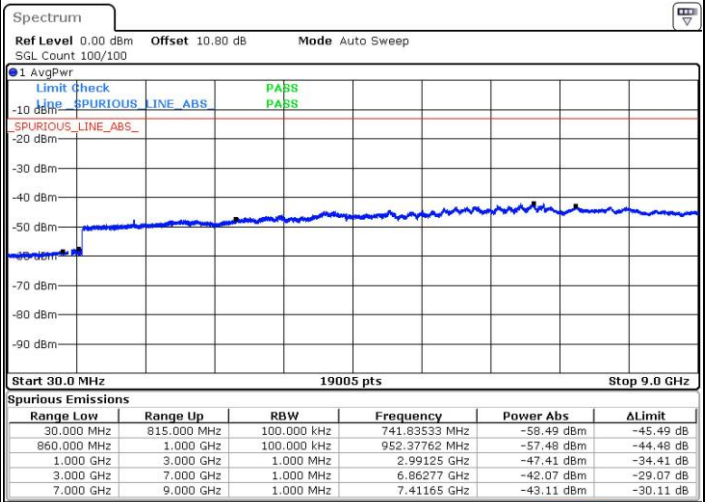
LTE Band 5 / 3MHz

Middle Channel / QPSK



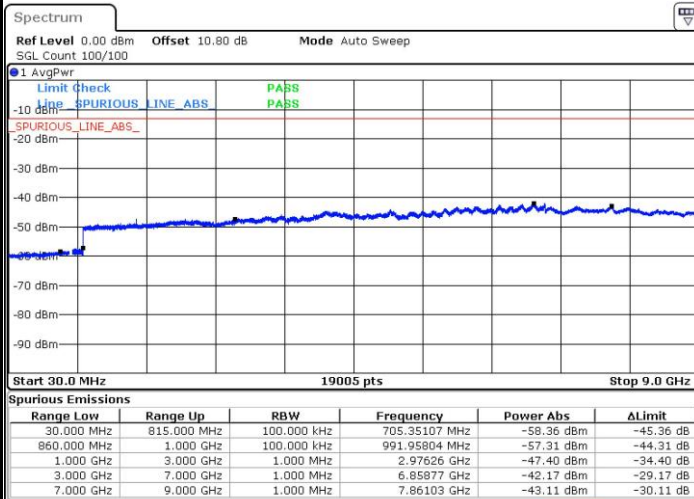
Date: 19 JUN 2017 19:51:25

Middle Channel / 16QAM



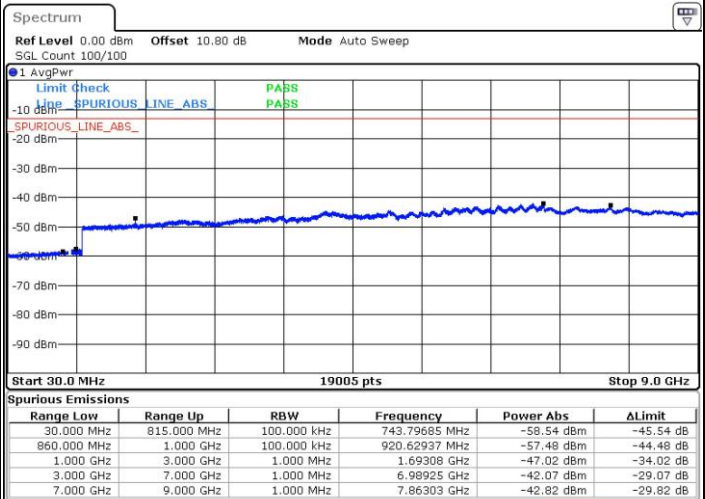
Date: 19 JUN 2017 19:52:20

Highest Channel / QPSK



Date: 19 JUN 2017 20:00:32

Highest Channel / 16QAM

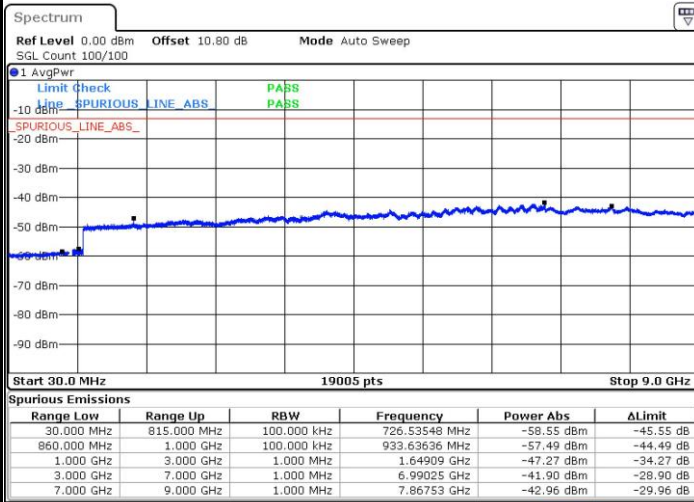


Date: 19 JUN 2017 20:01:26



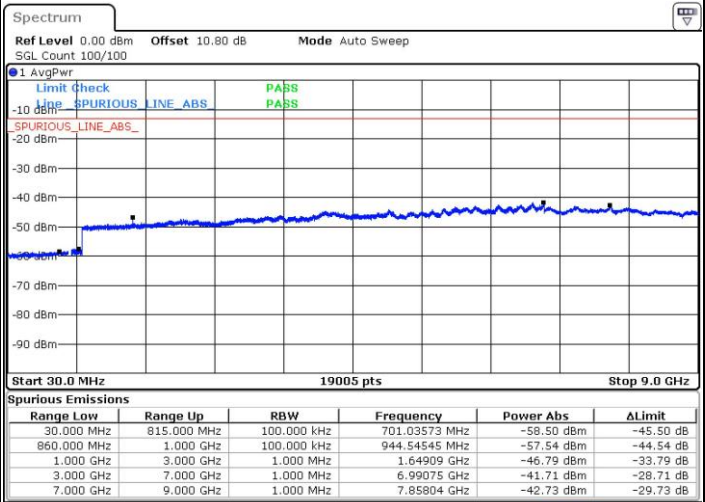
LTE Band 5 / 5MHz

Lowest Channel / QPSK



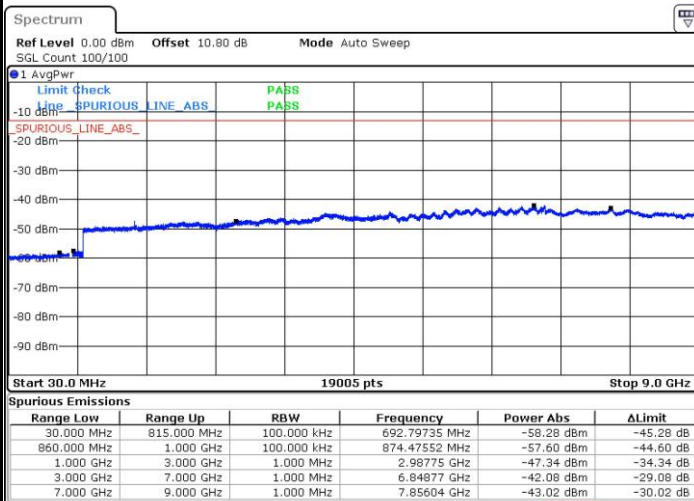
Date: 19 JUN 2017 20:09:38

Lowest Channel / 16QAM



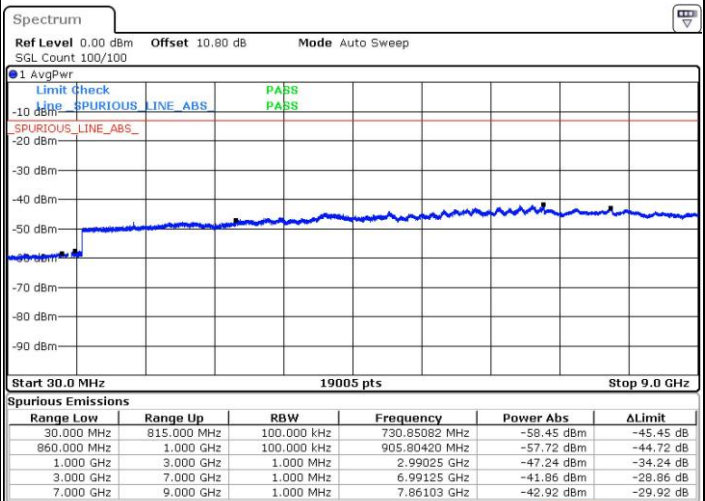
Date: 19 JUN 2017 20:10:33

Middle Channel / QPSK



Date: 19 JUN 2017 20:12:09

Middle Channel / 16QAM

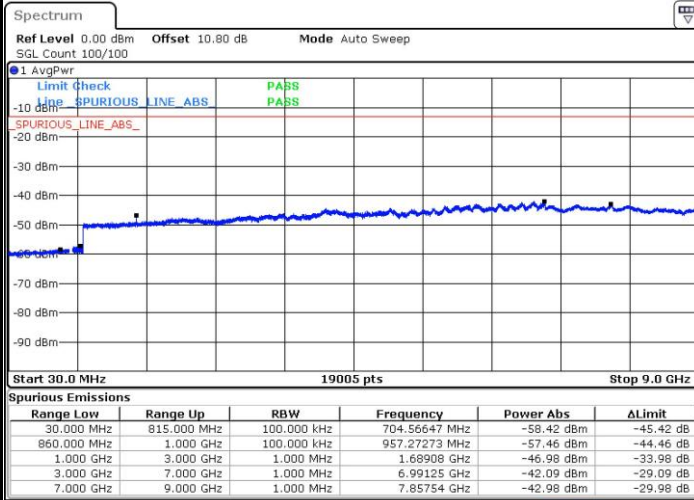


Date: 19 JUN 2017 20:13:03



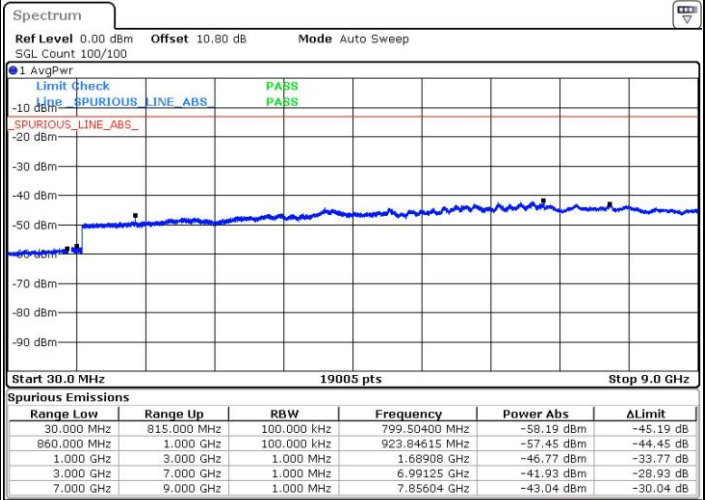
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 19 JUN 2017 20:21:15

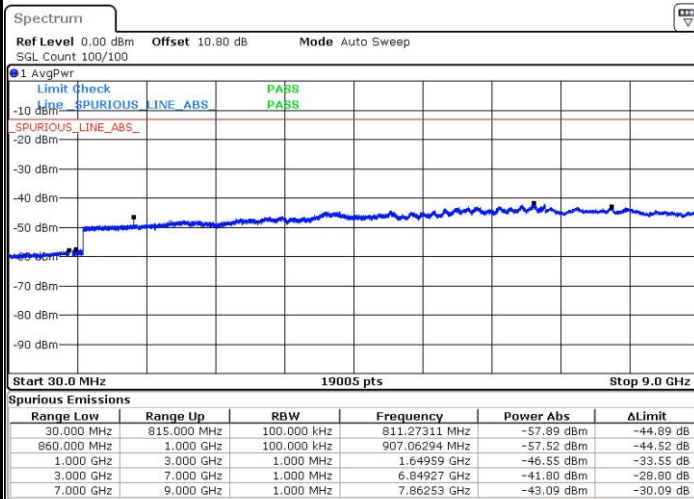
Highest Channel / 16QAM



Date: 19 JUN 2017 20:22:10

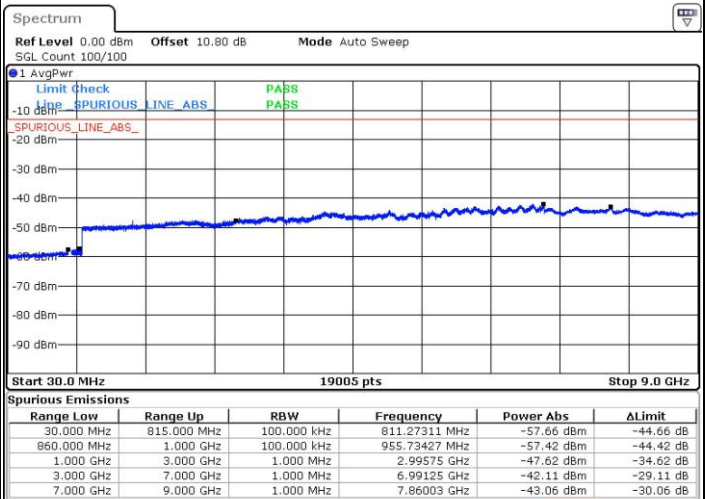
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 19 JUN 2017 20:30:22

Lowest Channel / 16QAM

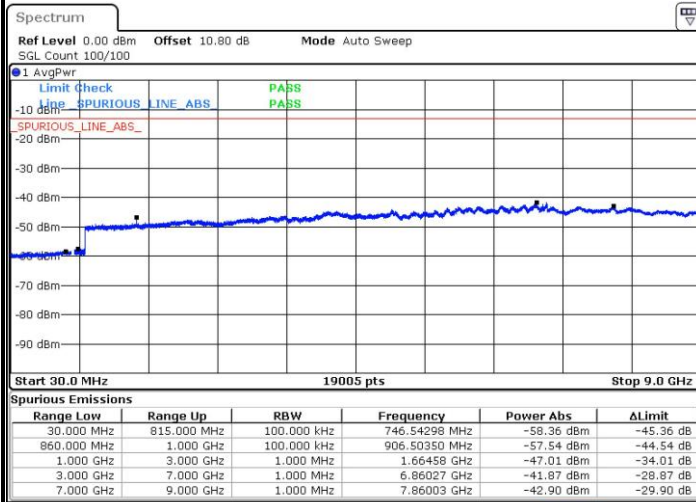


Date: 19 JUN 2017 20:31:16



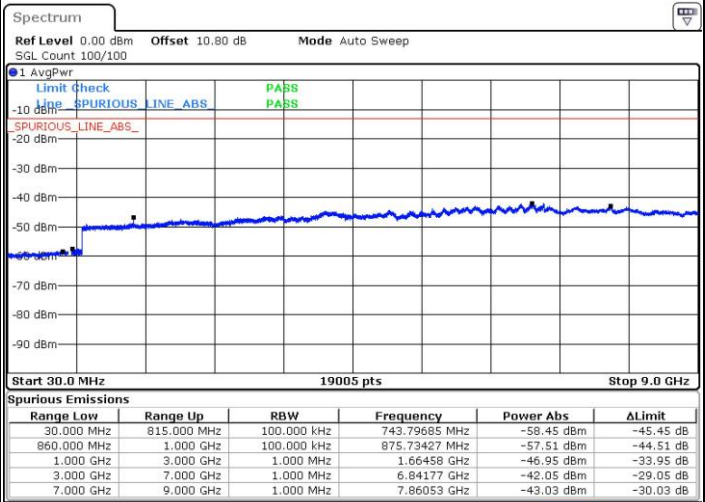
LTE Band 5 / 10MHz

Middle Channel / QPSK



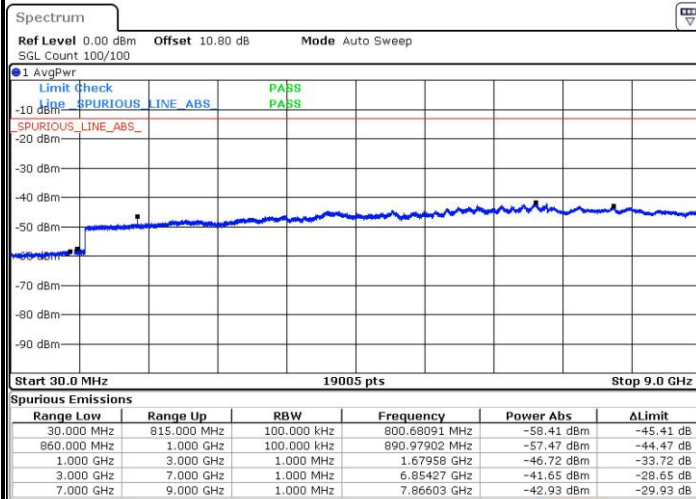
Date: 19 JUN 2017 20:32:52

Middle Channel / 16QAM



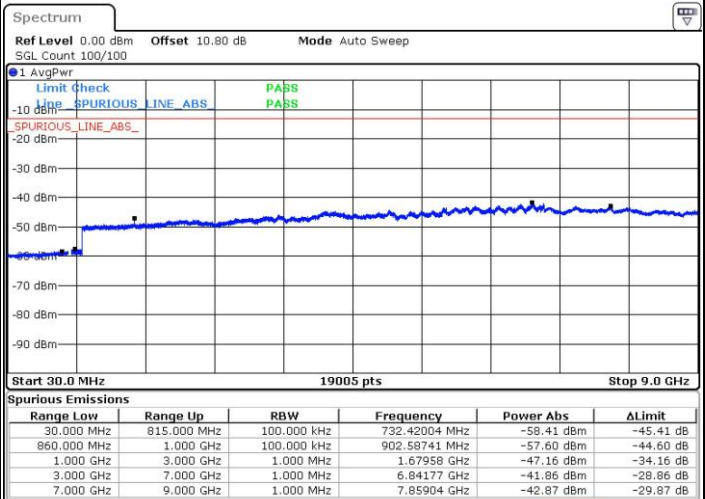
Date: 19 JUN 2017 20:33:47

Highest Channel / QPSK



Date: 19 JUN 2017 20:41:59

Highest Channel / 16QAM



Date: 19 JUN 2017 20:42:54

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	0.0024	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0066	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



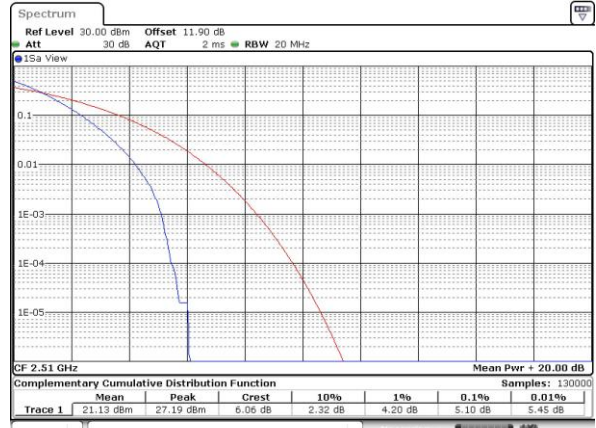
LTE Band 7

Peak-to-Average Ratio

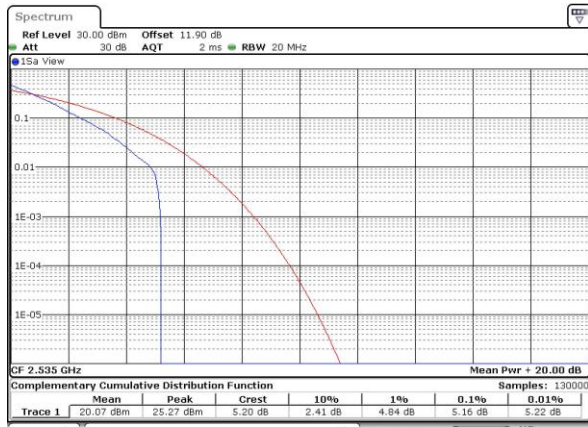
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.96	5.1	5.65	6.09	PASS
Middle CH	5.16	5.13	5.97	6.12	
Highest CH	5.1	5.22	6.17	6.26	

LTE Band 7 / 20MHz / QPSK
Lowest Channel / 1RB

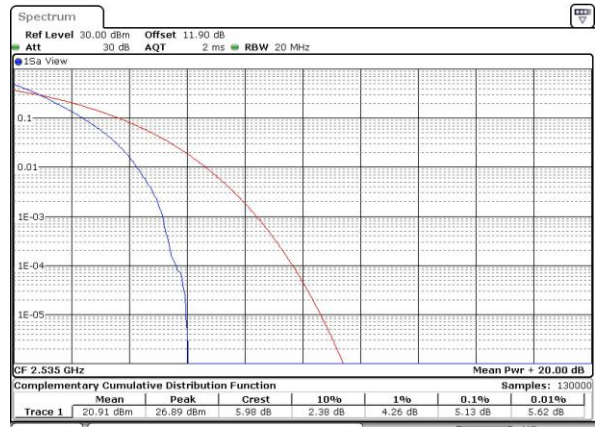

Date: 24 JUN 2017 15:19:20

Lowest Channel / Full RB


Date: 24 JUN 2017 15:19:29

Middle Channel / 1RB


Date: 24 JUN 2017 15:19:43

Middle Channel / Full RB


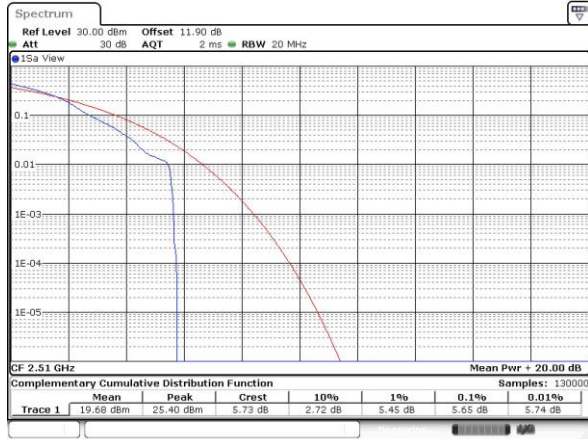
Date: 24 JUN 2017 15:19:53

Highest Channel / 1RB

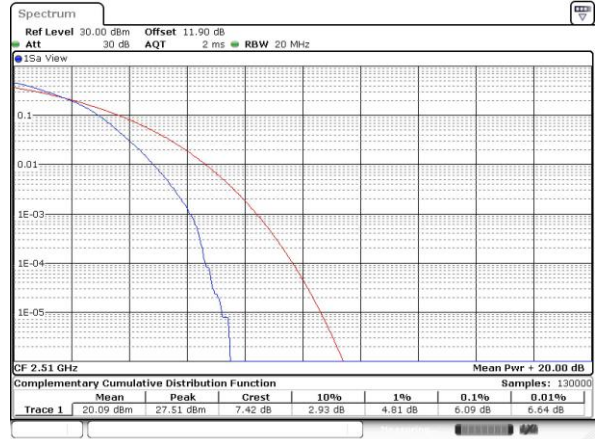

Date: 24 JUN 2017 15:20:10

Highest Channel / Full RB

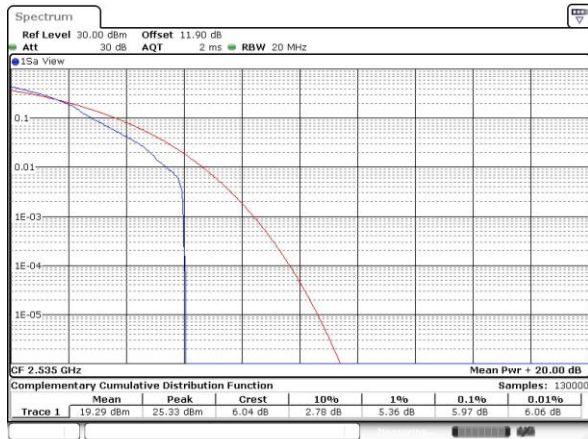

Date: 24 JUN 2017 15:20:22

LTE Band 7 / 20MHz / 16QAM
Lowest Channel / 1RB


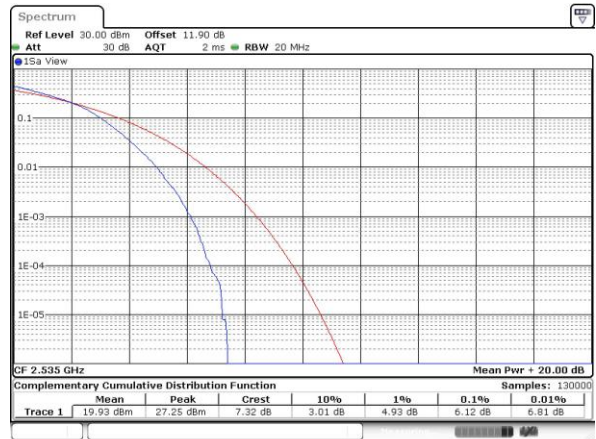
Date: 24 JUN 2017 15:17:21

Lowest Channel / Full RB


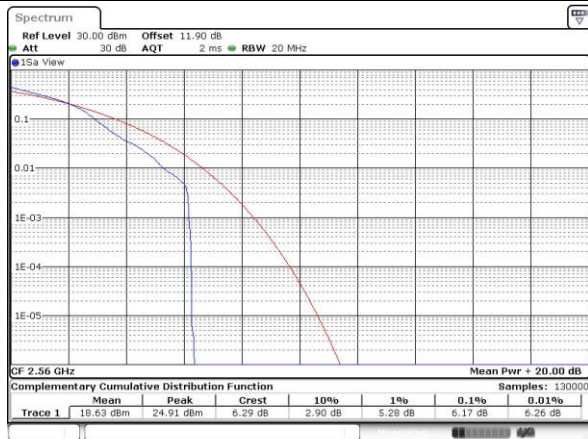
Date: 24 JUN 2017 15:17:31

Middle Channel / 1RB


Date: 24 JUN 2017 15:17:54

Middle Channel / Full RB


Date: 24 JUN 2017 15:18:30

Highest Channel / 1RB


Date: 24 JUN 2017 15:18:59

Highest Channel / Full RB


Date: 24 JUN 2017 15:19:09

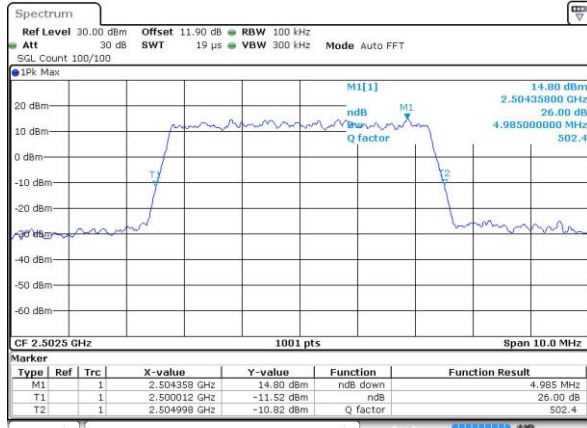
**26dB Bandwidth**

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	-	-	-	-	4.99	4.93	9.85	9.95	14.45	14.45	20.10	20.06
Middle CH	-	-	-	-	4.81	4.92	9.85	9.65	14.21	14.33	20.18	20.10
Highest CH	-	-	-	-	4.91	4.91	9.75	9.77	14.36	14.57	20.14	20.34

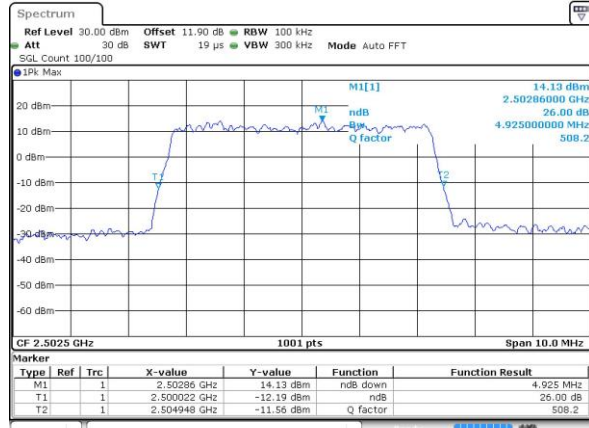


LTE Band 7

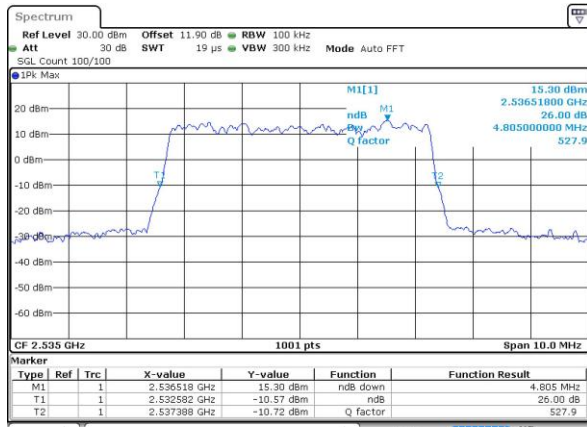
Lowest Channel / 5MHz / QPSK



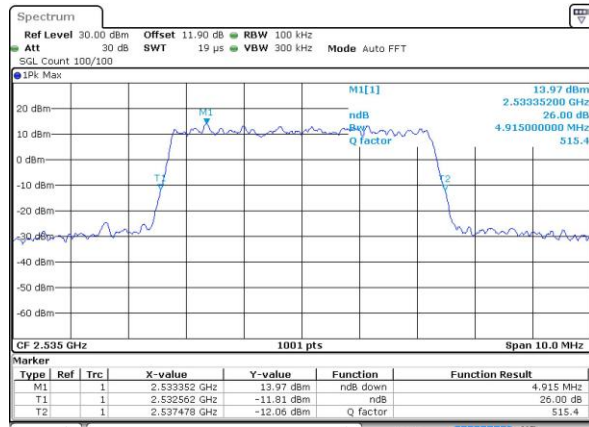
Lowest Channel / 5MHz / 16QAM



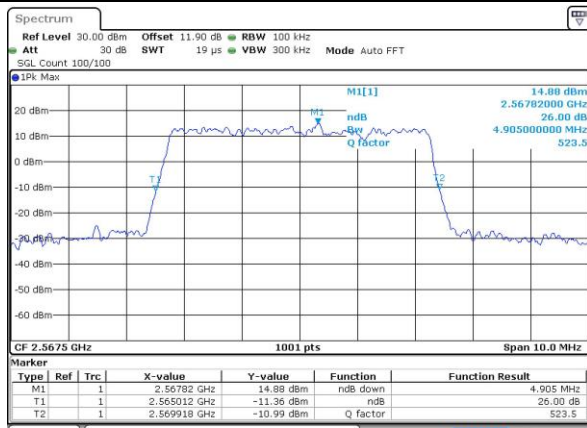
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM

