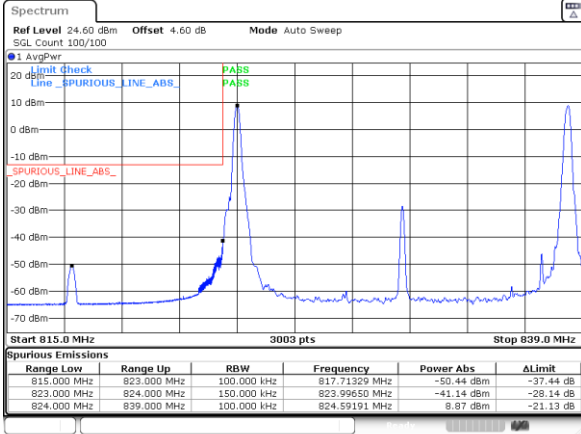




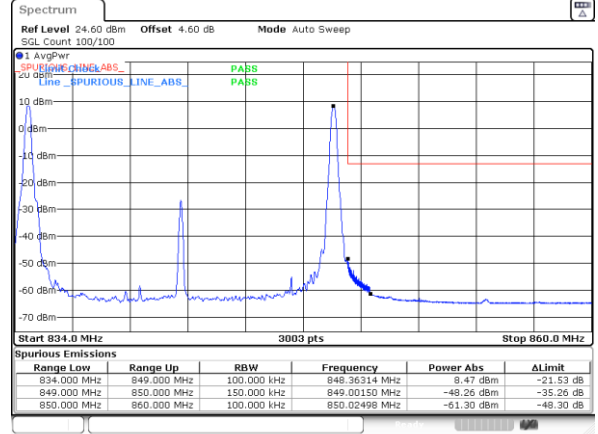
LTE Band 5B / 10MHz+5MHz

16QAM

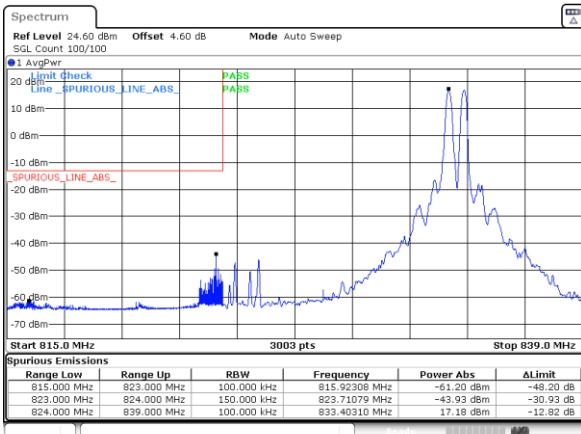
Lowest Band Edge / 1RB0 and 1RB24



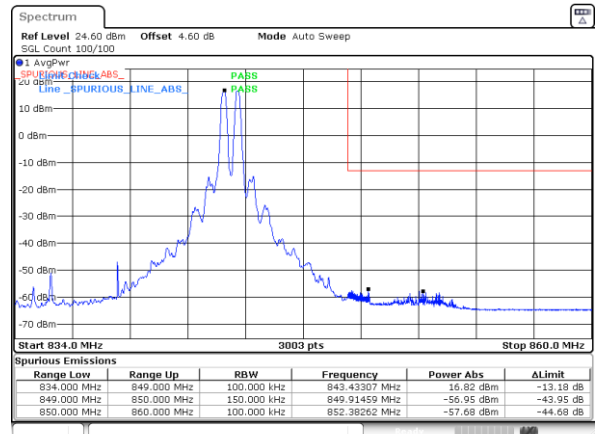
Highest Band Edge / 1RB0 and 1RB24



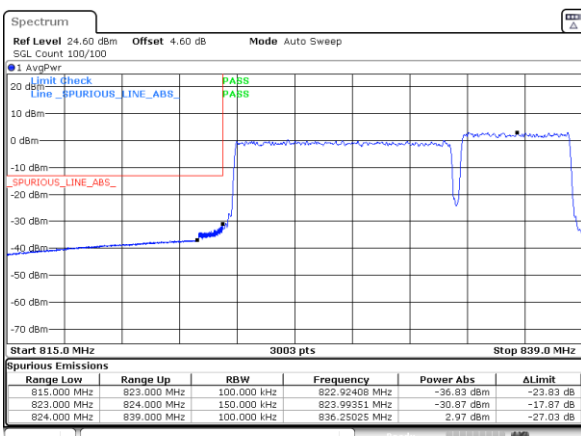
Lowest Band Edge / 1RB49 and 1RB0



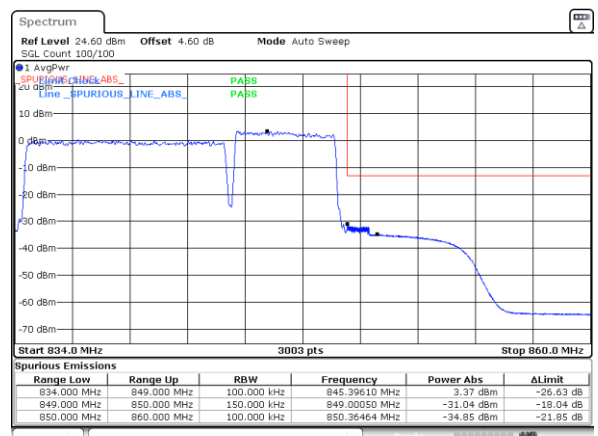
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

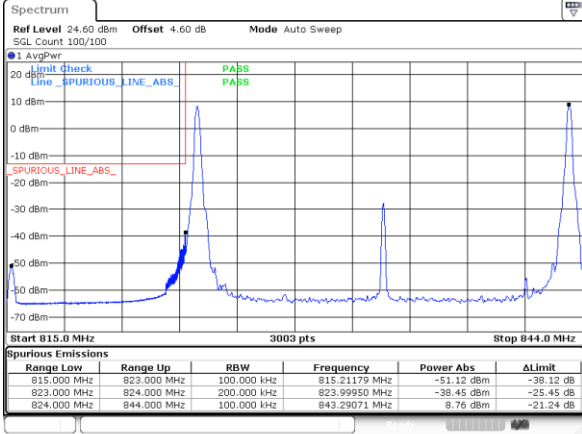




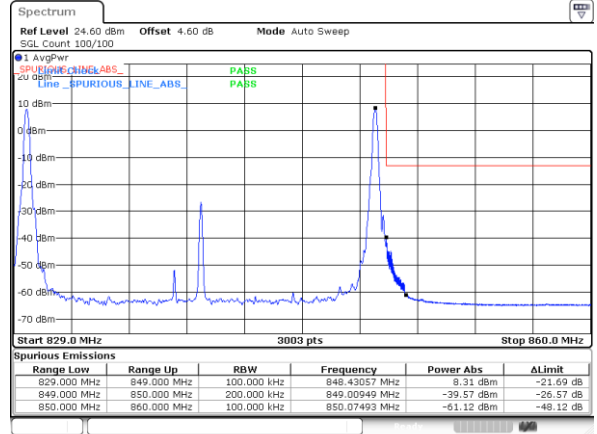
LTE Band 5B / 10MHz+10MHz

16QAM

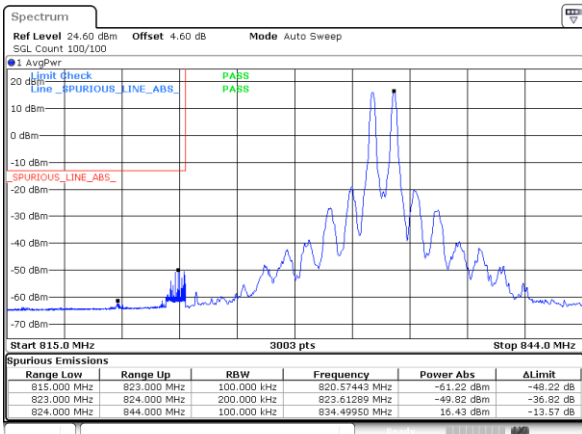
Lowest Band Edge / 1RB0 and 1RB49



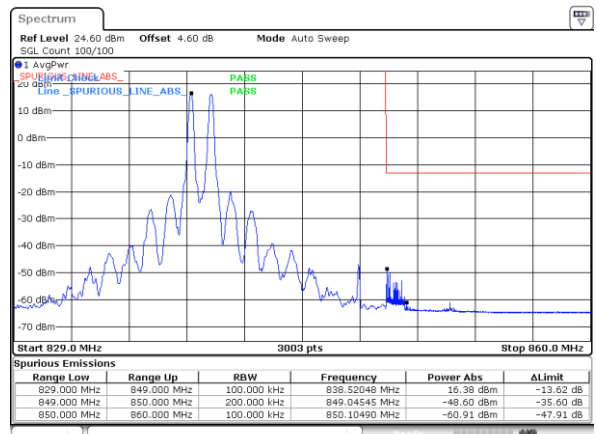
Highest Band Edge / 1RB0 and 1RB49



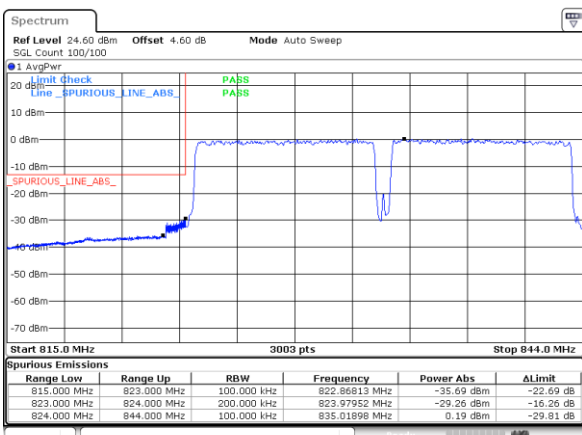
Lowest Band Edge / 1RB49 and 1RB0



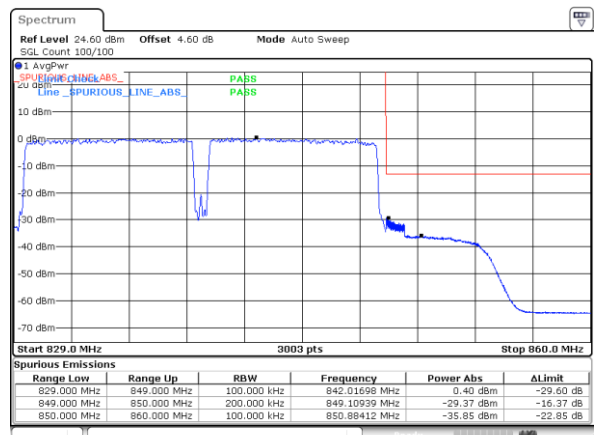
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

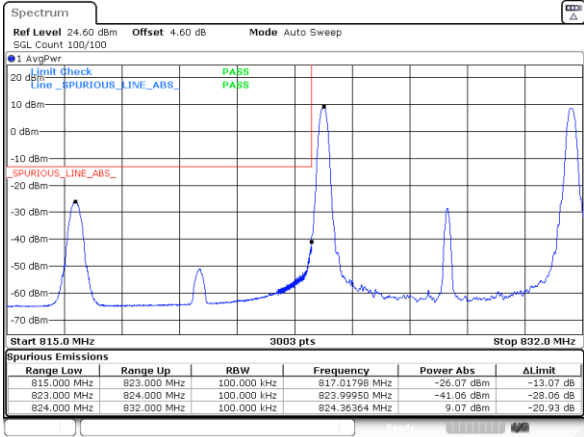




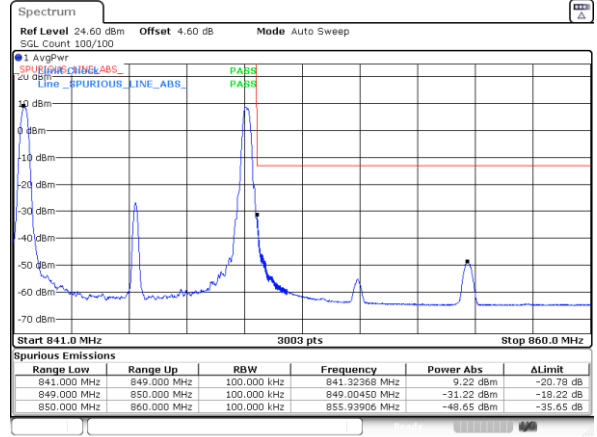
LTE Band 5B / 3MHz+5MHz

64QAM

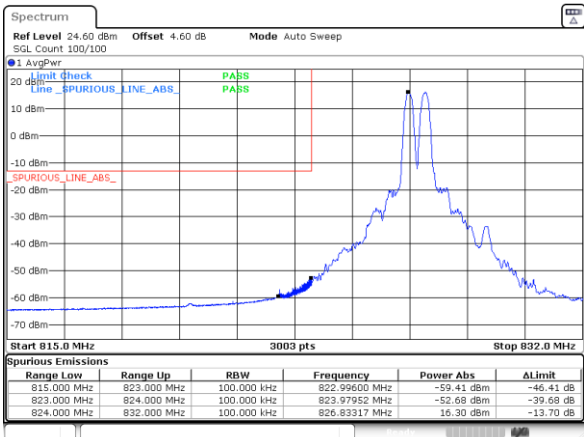
Lowest Band Edge / 1RB0 and 1RB24



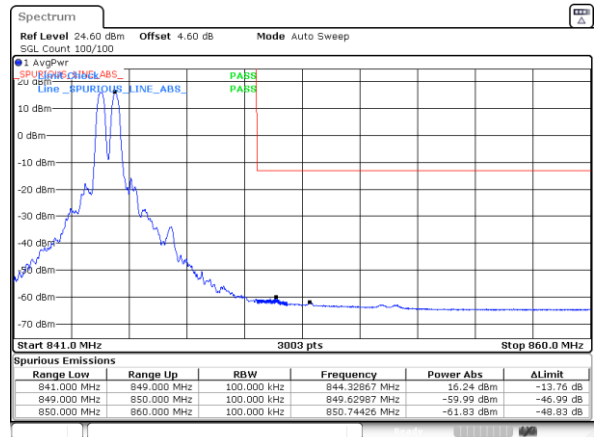
Highest Band Edge / 1RB0 and 1RB24



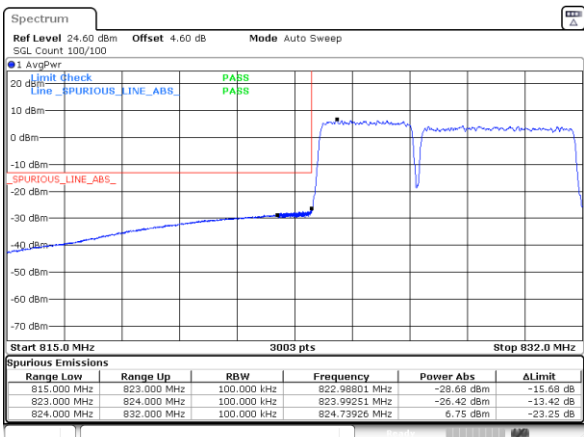
Lowest Band Edge / 1RB14 and 1RB0



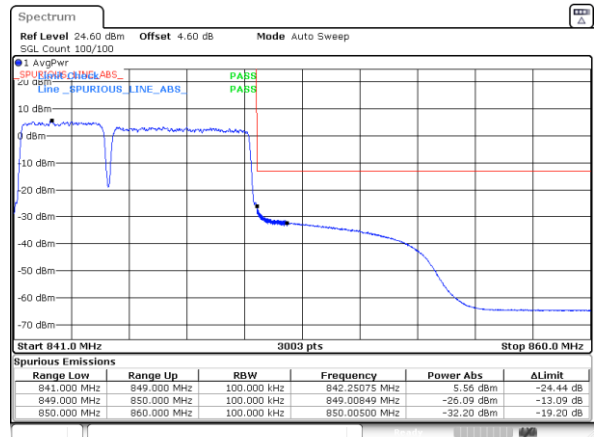
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

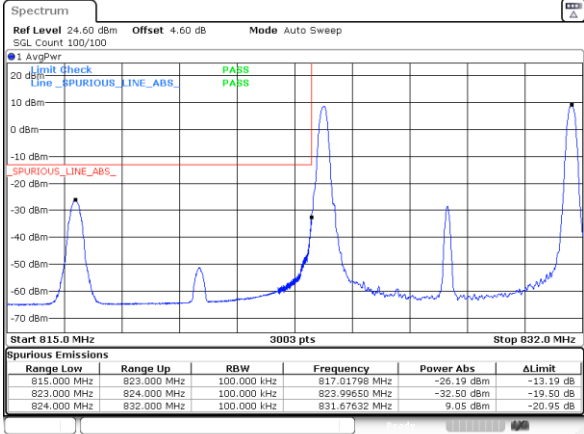




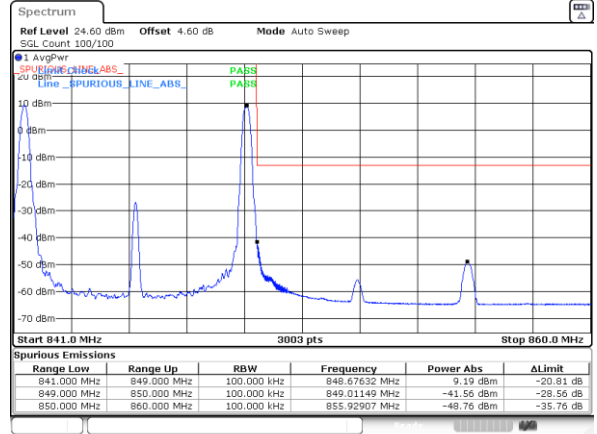
LTE Band 5B / 5MHz+3MHz

64QAM

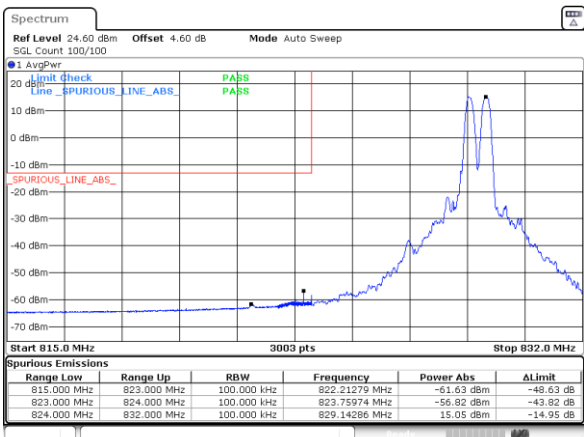
Lowest Band Edge / 1RB0 and 1RB14



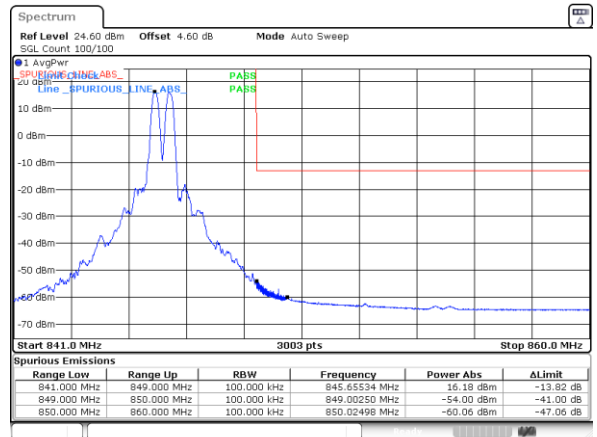
Highest Band Edge / 1RB0 and 1RB14



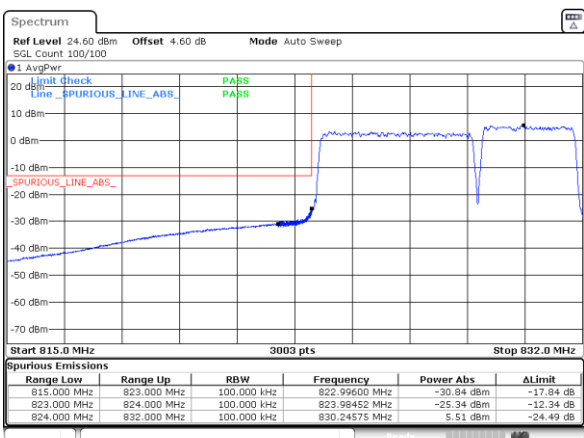
Lowest Band Edge / 1RB24 and 1RB0



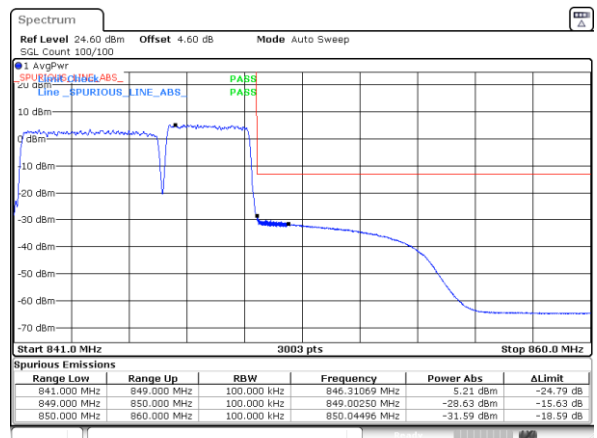
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

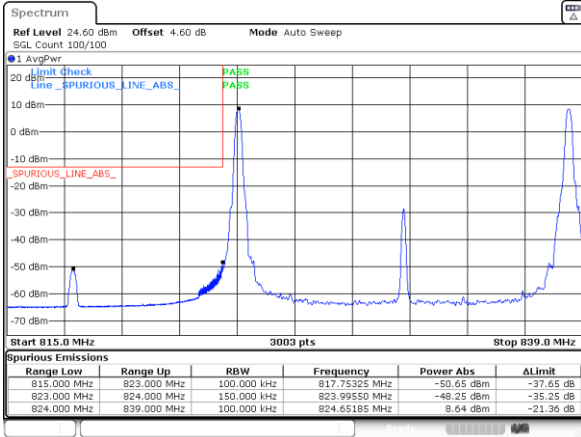




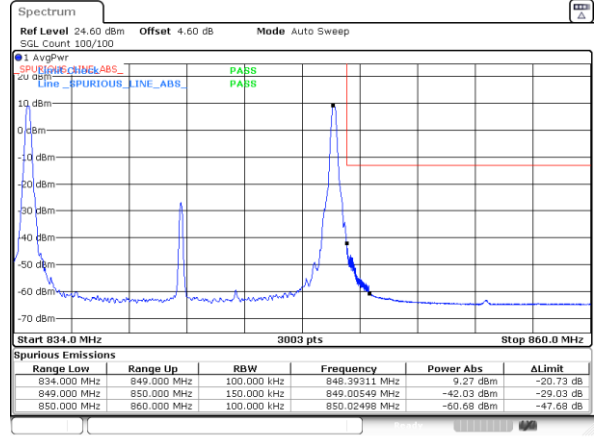
LTE Band 5B / 5MHz+10MHz

64QAM

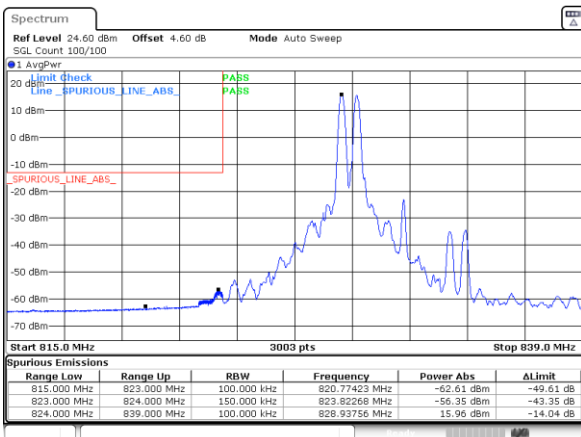
Lowest Band Edge / 1RB0 and 1RB49



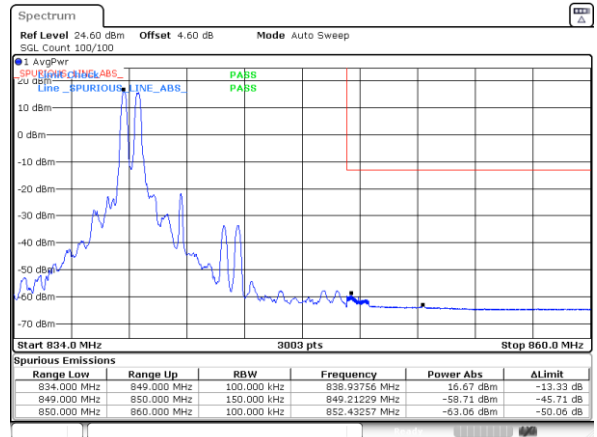
Highest Band Edge / 1RB0 and 1RB49



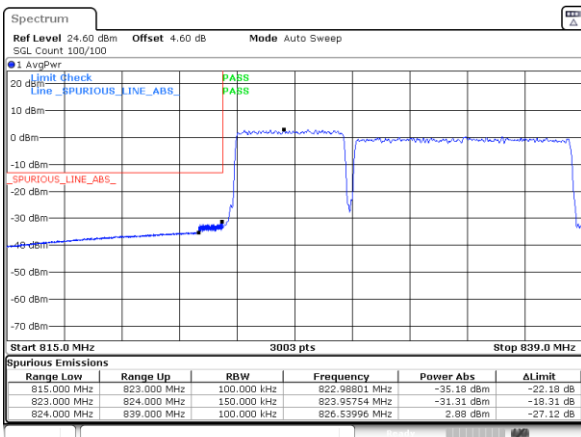
Lowest Band Edge / 1RB24 and 1RB0



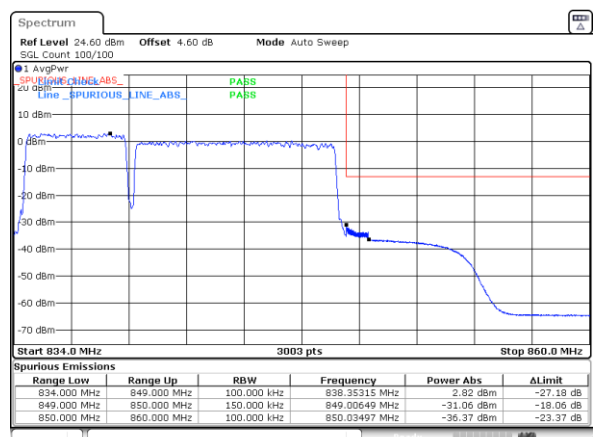
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

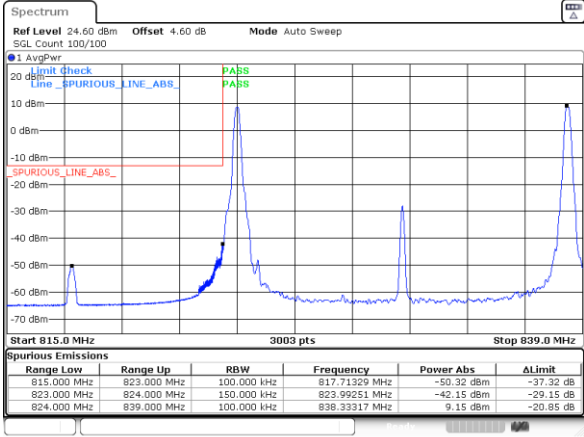




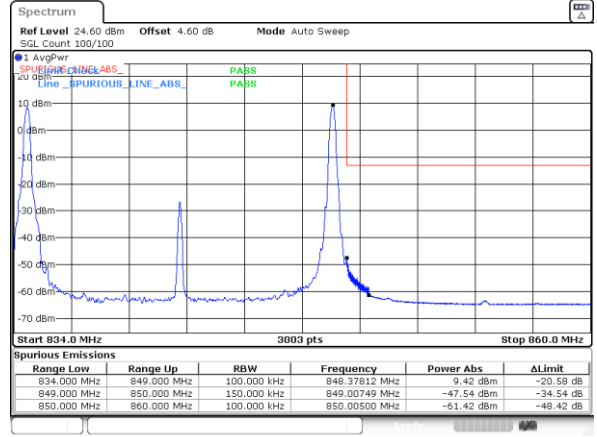
LTE Band 5B / 10MHz+5MHz

64QAM

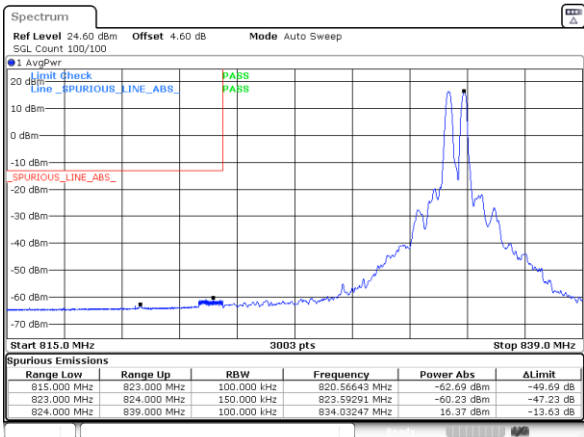
Lowest Band Edge / 1RB0 and 1RB24



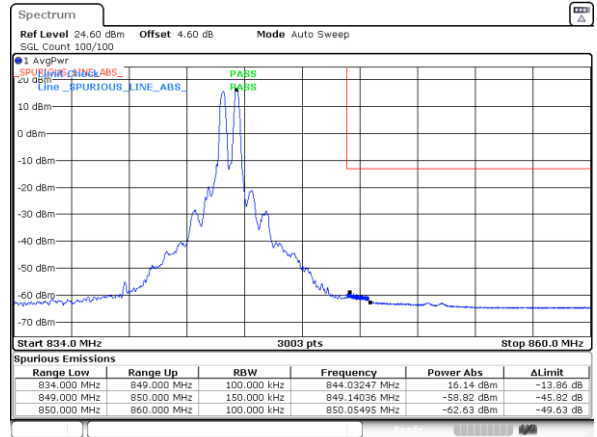
Highest Band Edge / 1RB0 and 1RB24



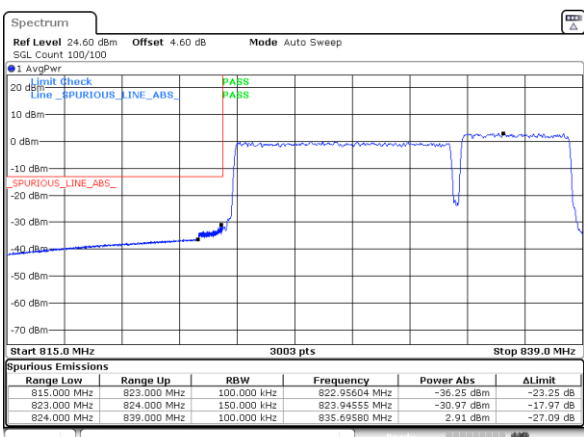
Lowest Band Edge / 1RB49 and 1RB0



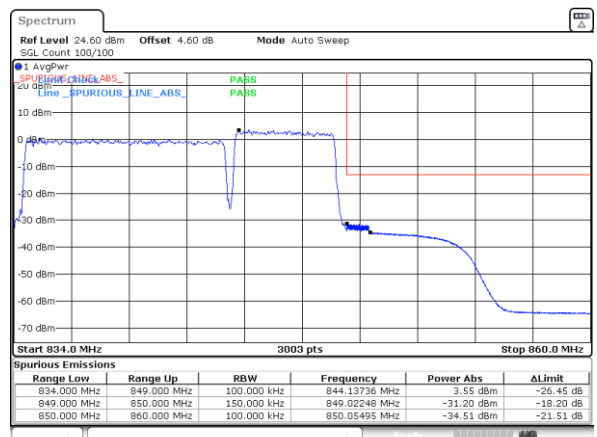
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

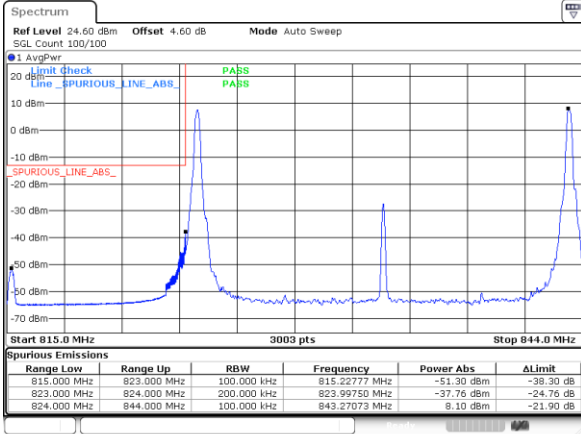




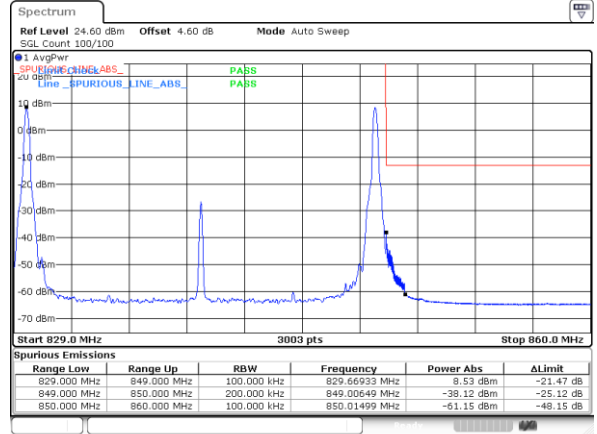
LTE Band 5B / 10MHz+10MHz

64QAM

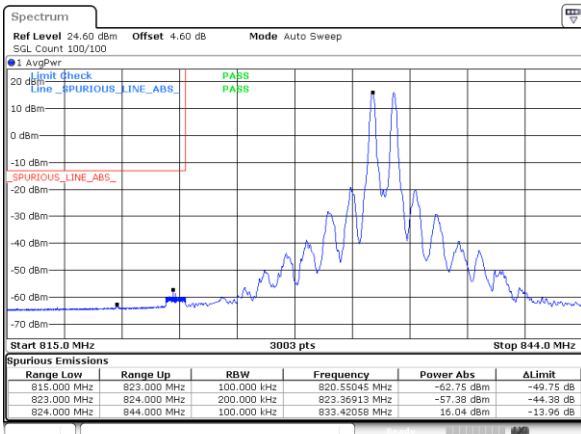
Lowest Band Edge / 1RB0 and 1RB49



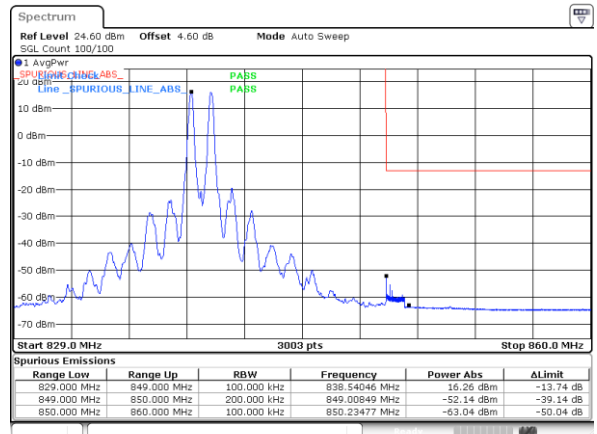
Highest Band Edge / 1RB0 and 1RB49



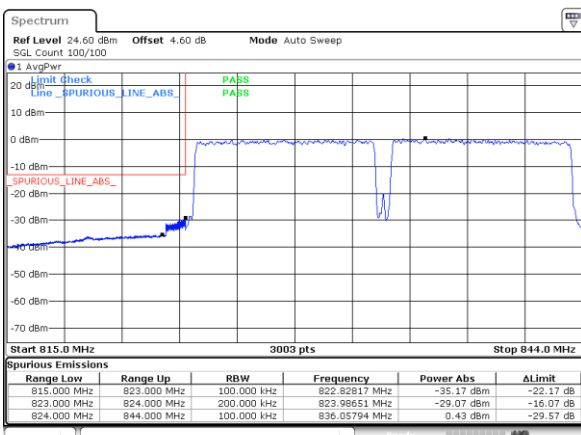
Lowest Band Edge / 1RB49 and 1RB0



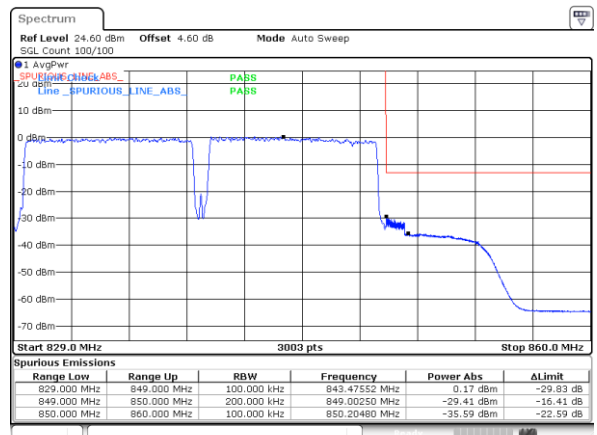
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

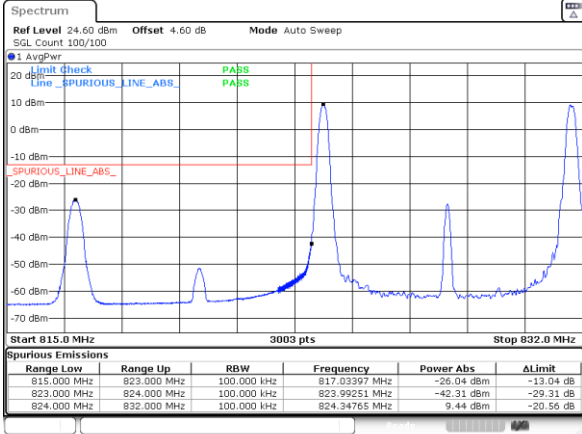




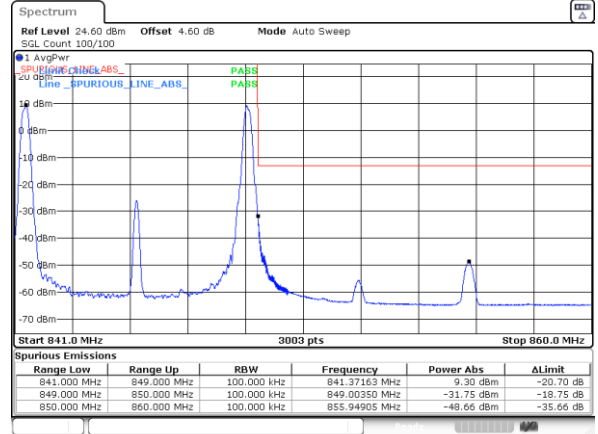
LTE Band 5B / 3MHz+5MHz

256QAM

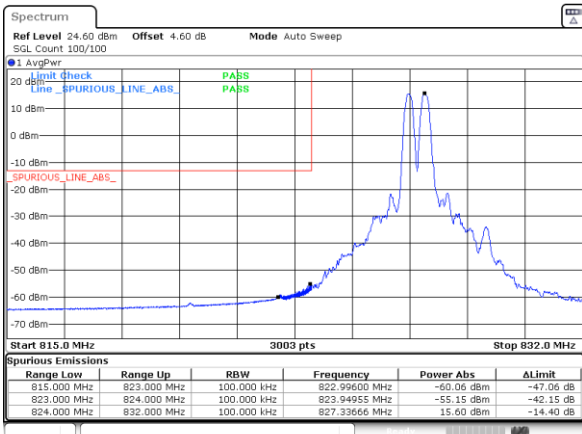
Lowest Band Edge / 1RB0 and 1RB24



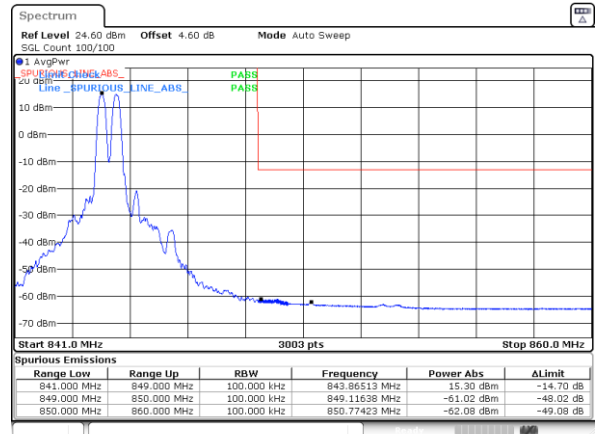
Highest Band Edge / 1RB0 and 1RB24



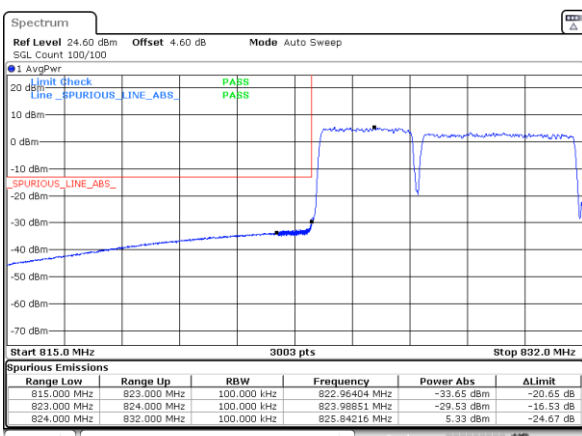
Lowest Band Edge / 1RB14 and 1RB0



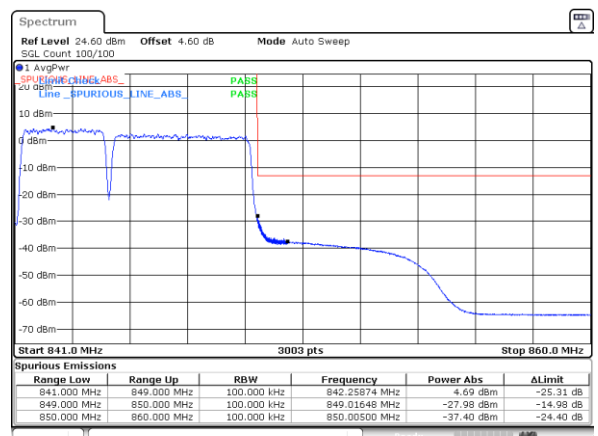
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

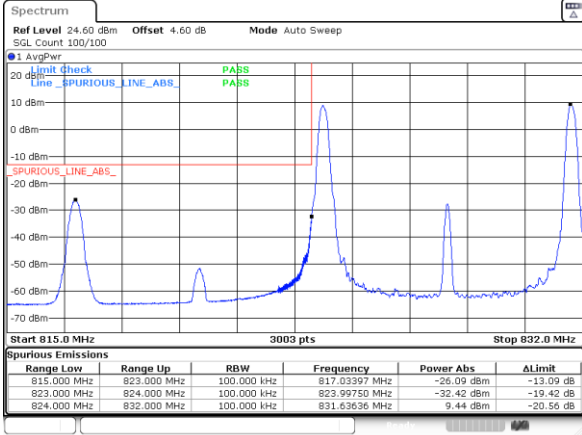




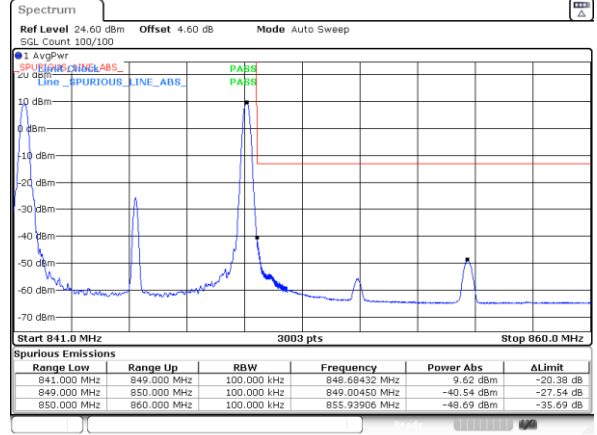
LTE Band 5B / 5MHz+3MHz

256QAM

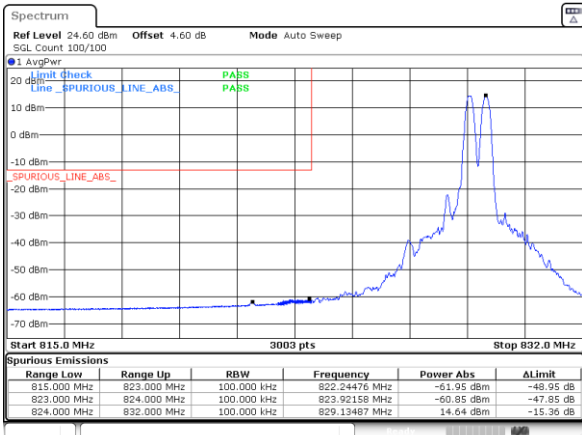
Lowest Band Edge / 1RB0 and 1RB14



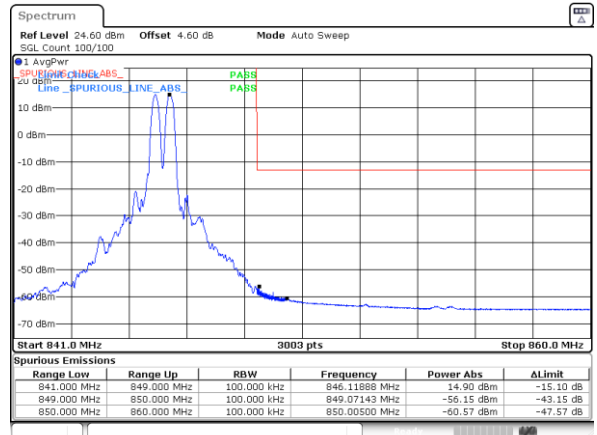
Highest Band Edge / 1RB0 and 1RB14



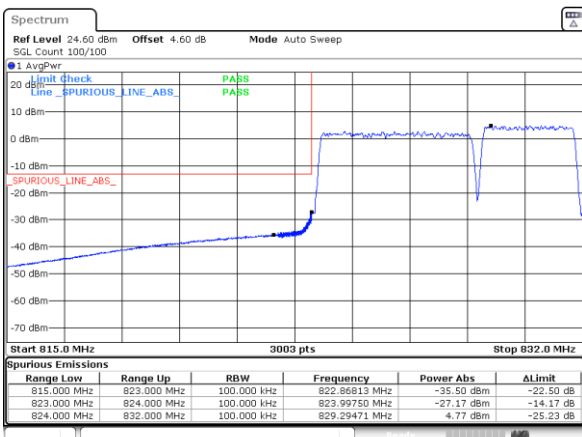
Lowest Band Edge / 1RB24 and 1RB0



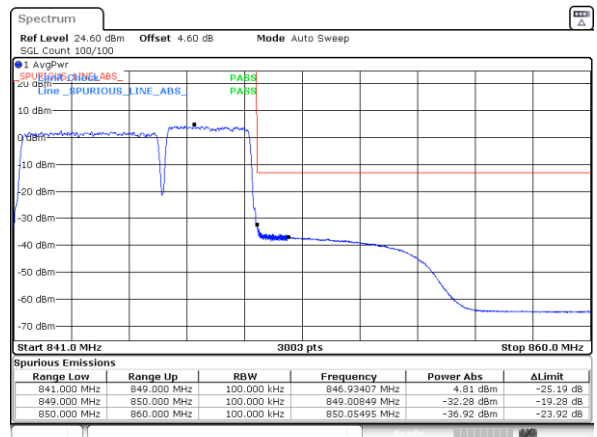
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

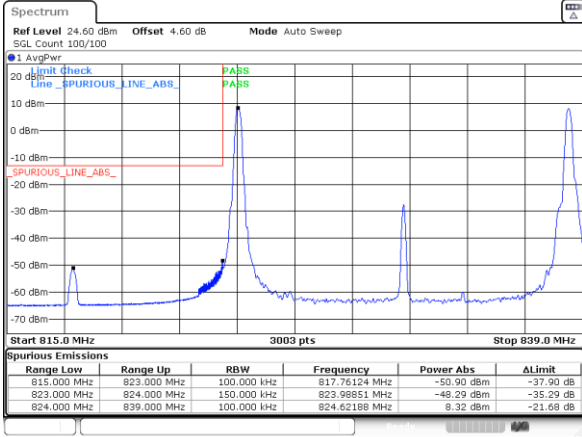




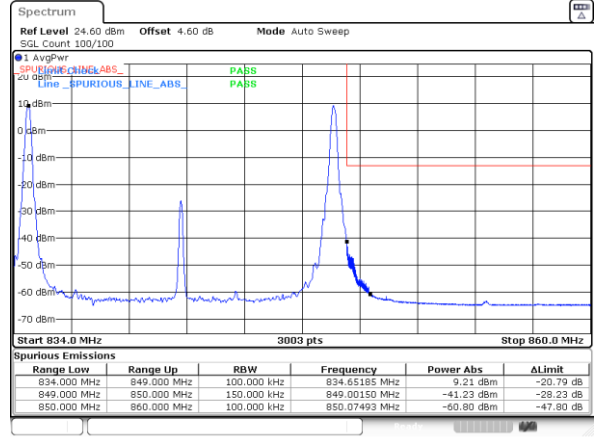
LTE Band 5B / 5MHz+10MHz

256QAM

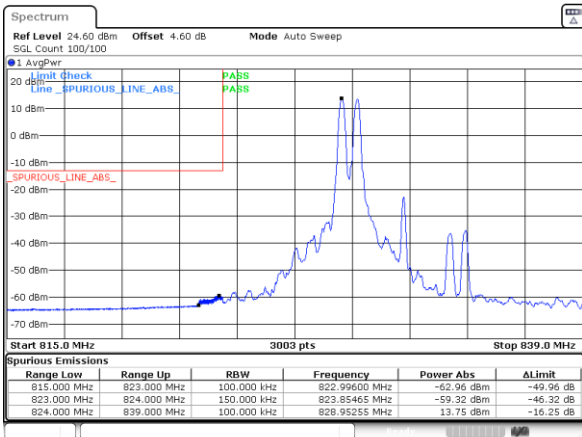
Lowest Band Edge / 1RB0 and 1RB49



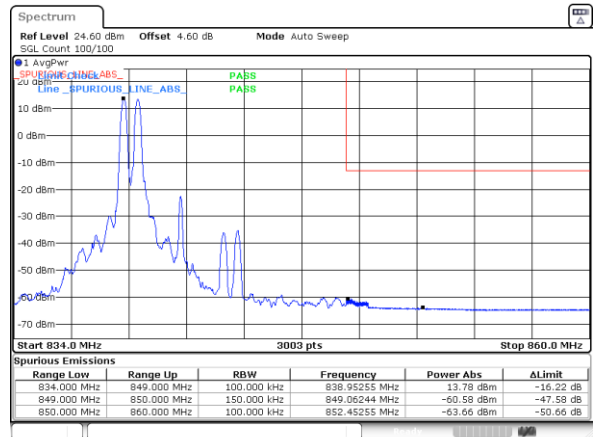
Highest Band Edge / 1RB0 and 1RB49



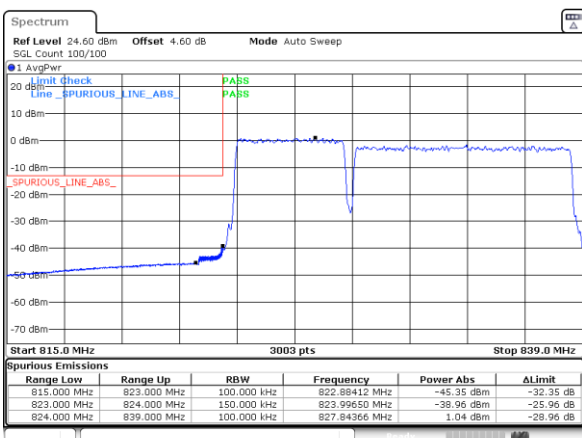
Lowest Band Edge / 1RB24 and 1RB0



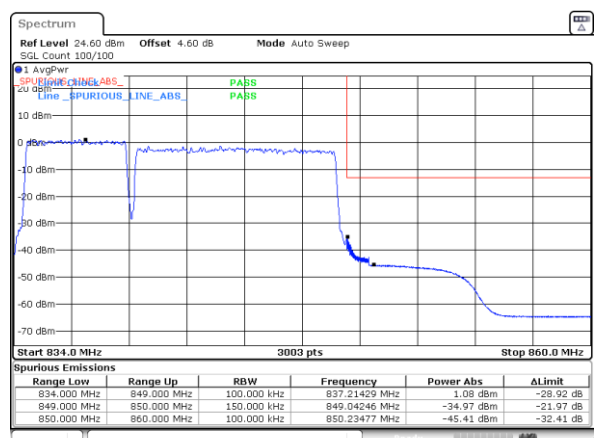
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

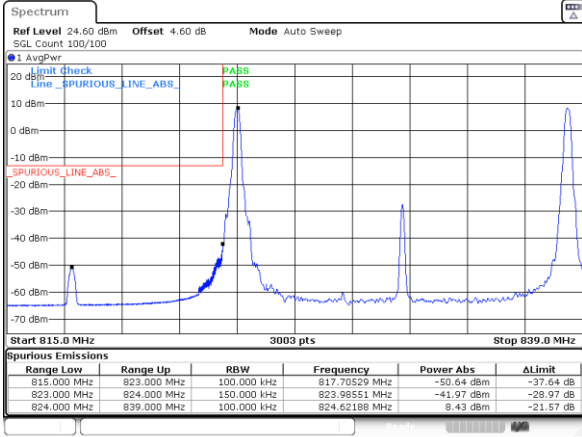




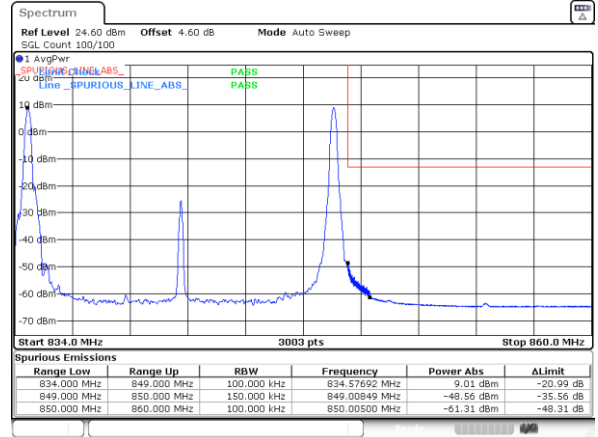
LTE Band 5B / 10MHz+5MHz

256QAM

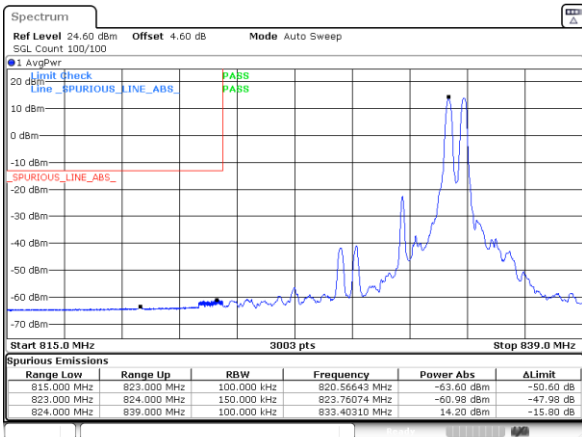
Lowest Band Edge / 1RB0 and 1RB24



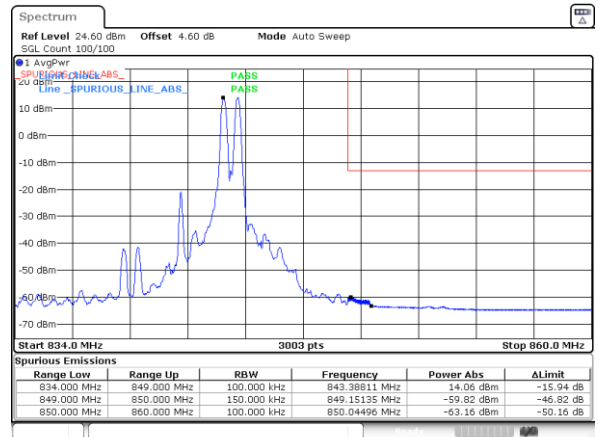
Highest Band Edge / 1RB0 and 1RB24



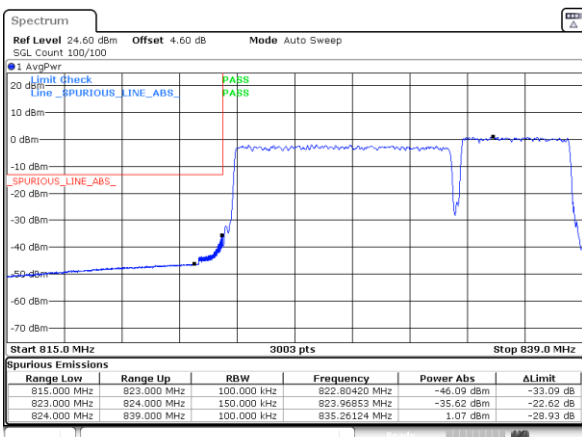
Lowest Band Edge / 1RB49 and 1RB0



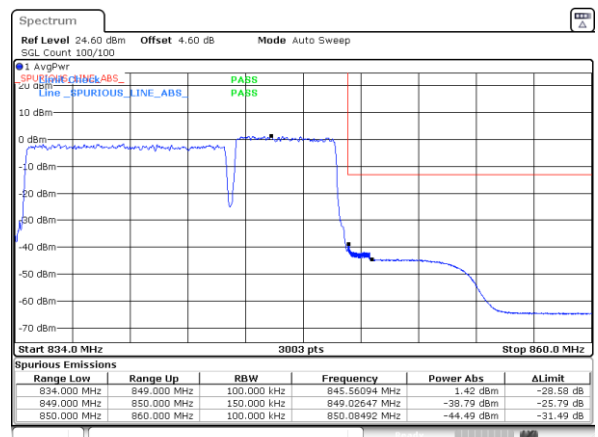
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

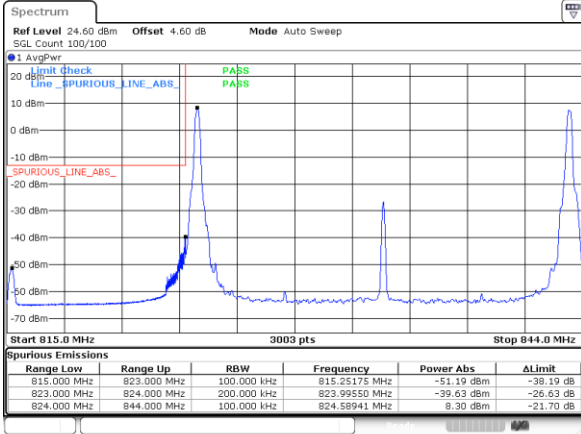




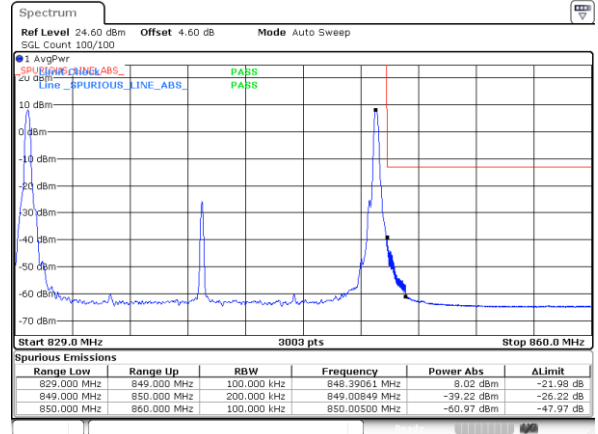
LTE Band 5B / 10MHz+10MHz

256QAM

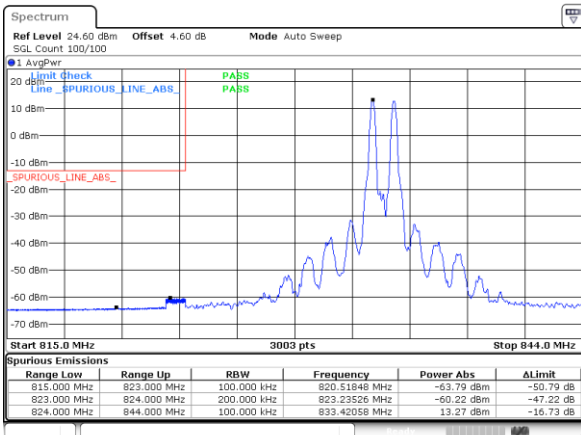
Lowest Band Edge / 1RB0 and 1RB49



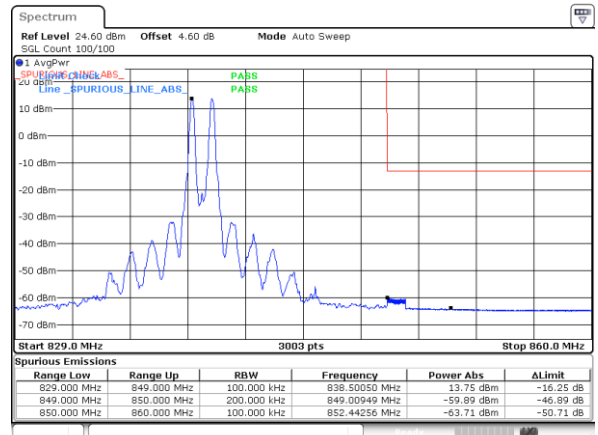
Highest Band Edge / 1RB0 and 1RB49



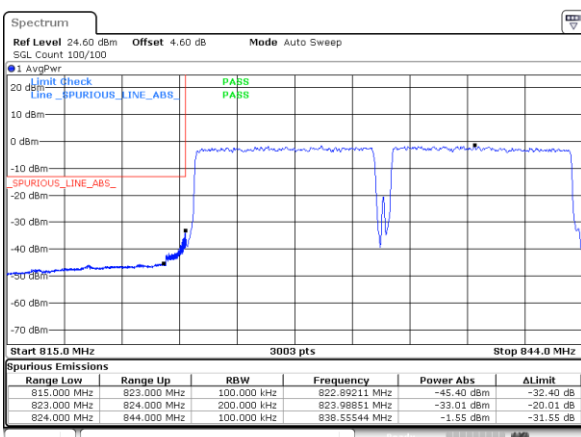
Lowest Band Edge / 1RB49 and 1RB0



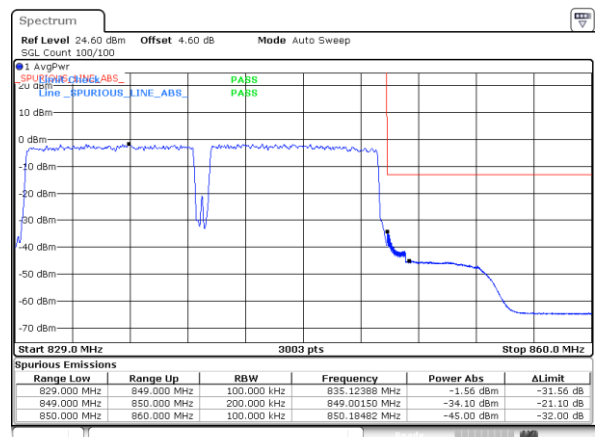
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





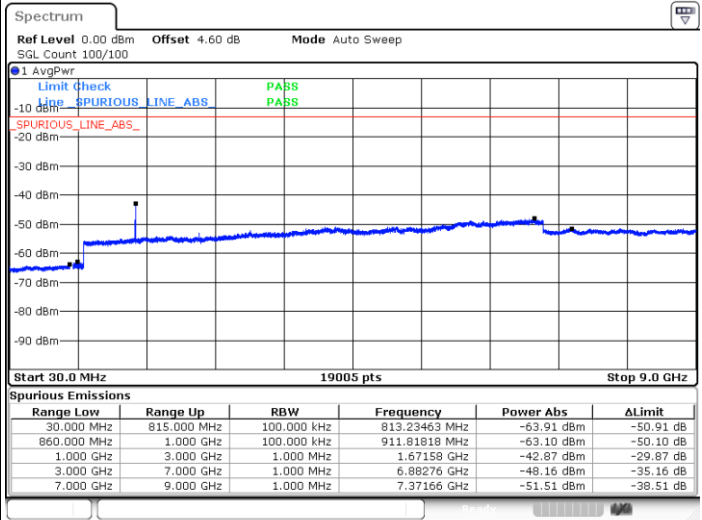
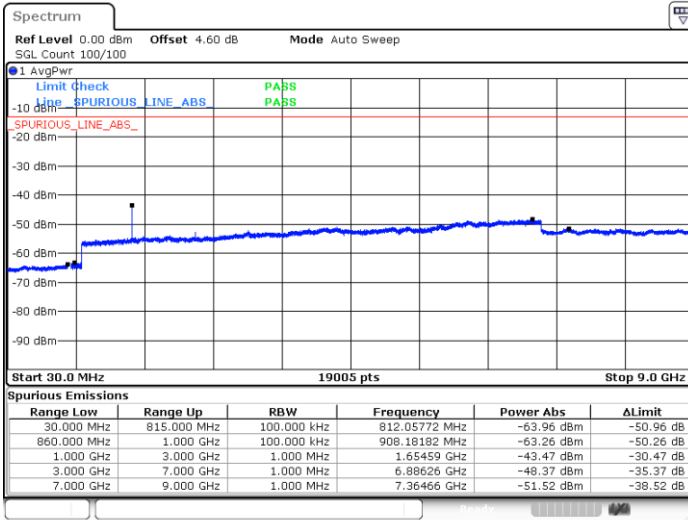
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

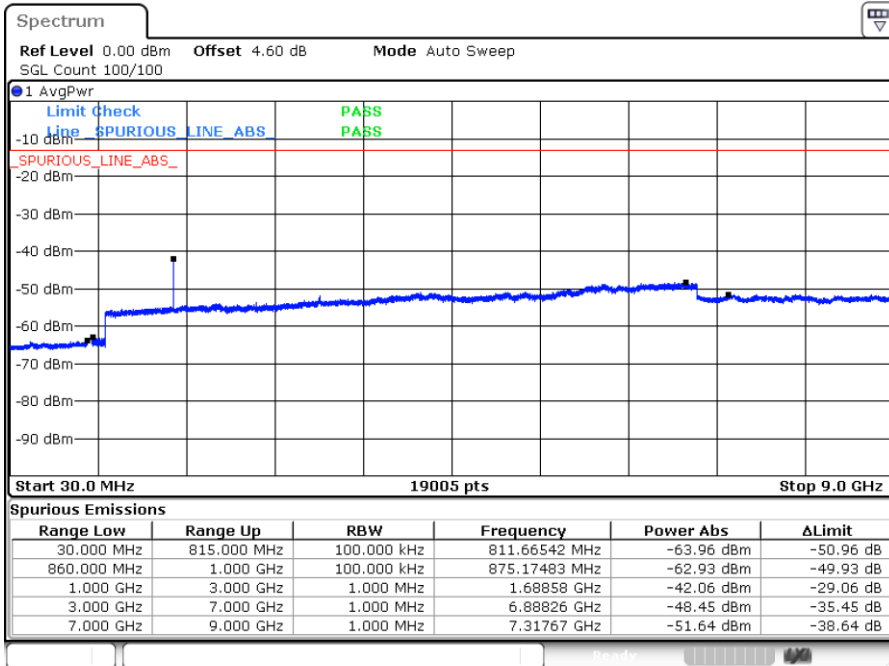
QPSK

Lowest Channel / 1RB14 and 1RB0

Middle Channel / 1RB14 and 1RB0



Highest Channel / 1RB14 and 1RB0



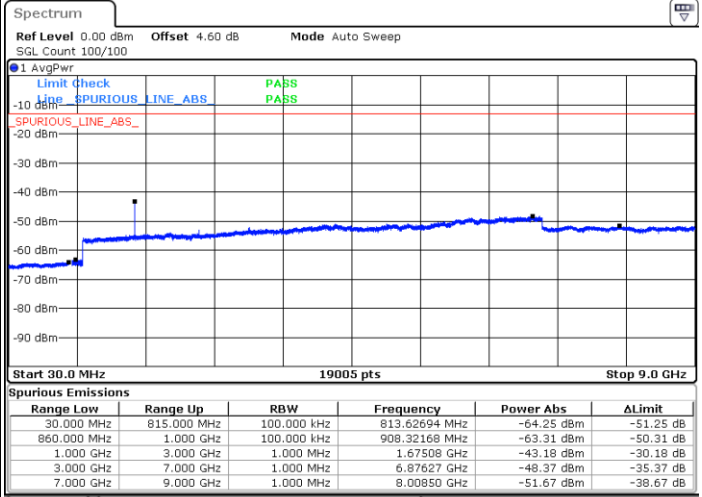
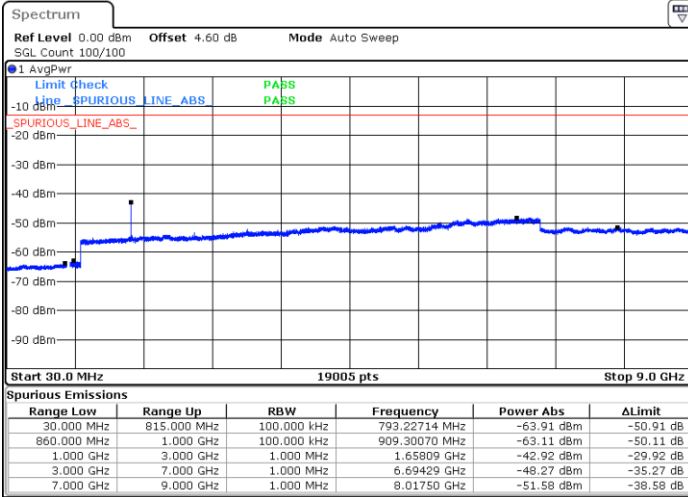


LTE Band 5B / 5MHz+3MHz

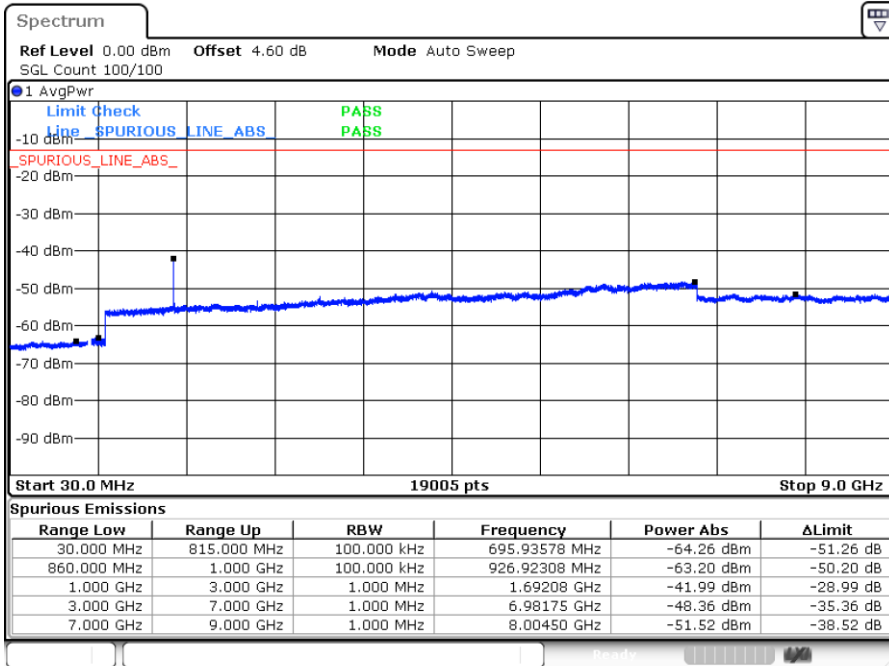
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



Highest Channel / 1RB24 and 1RB0



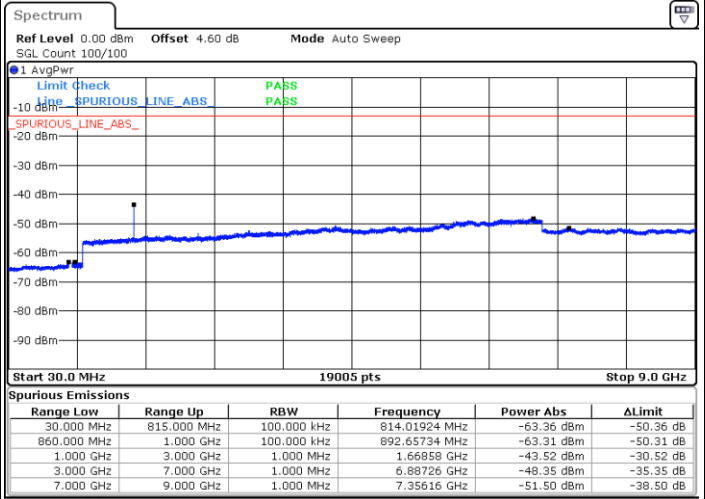
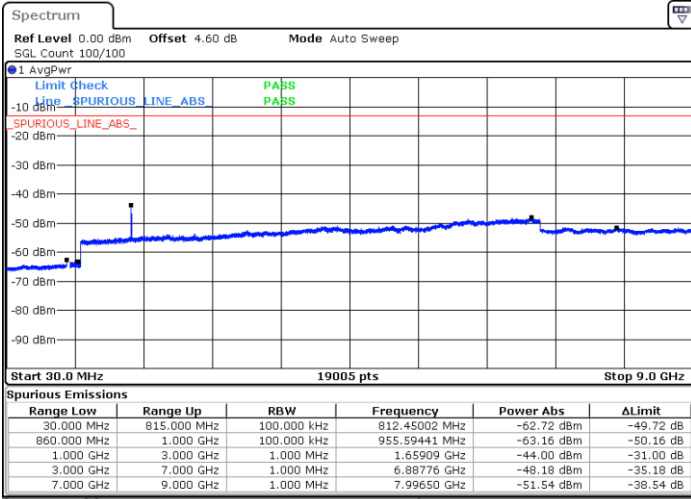


LTE Band 5B / 5MHz+10MHz

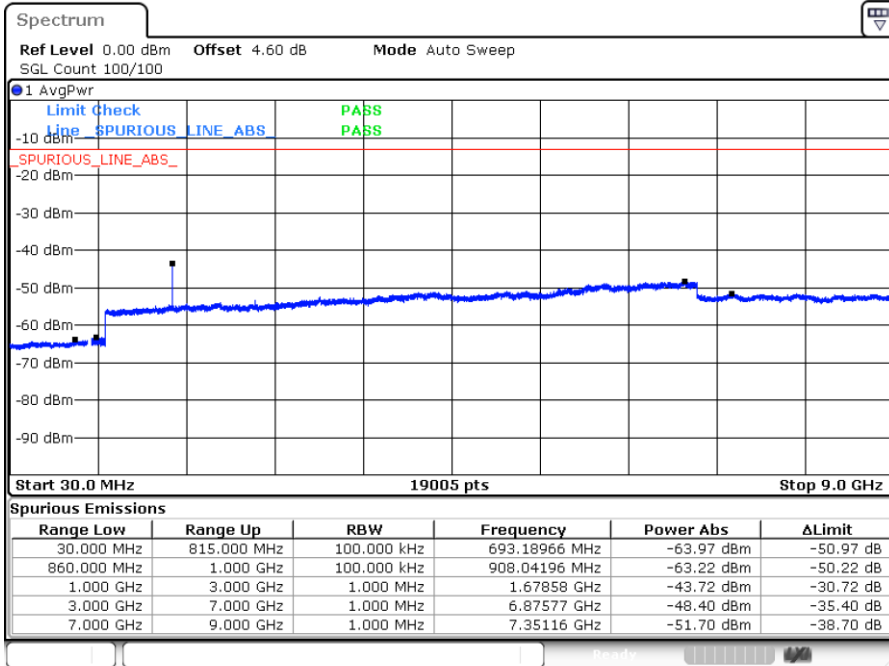
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



Highest Channel / 1RB24 and 1RB0



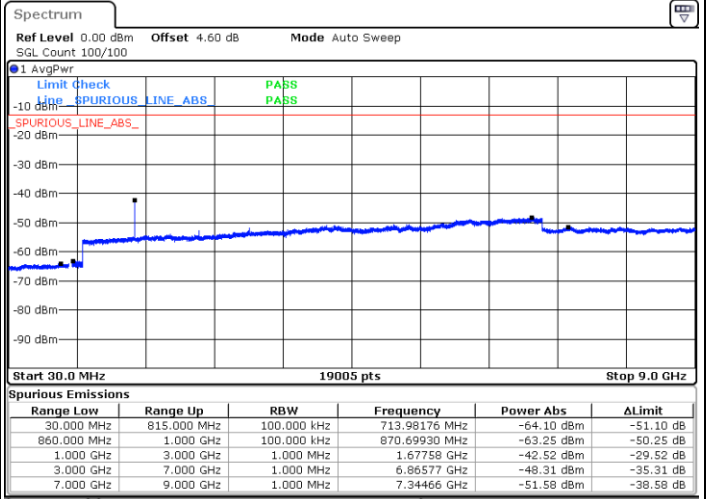
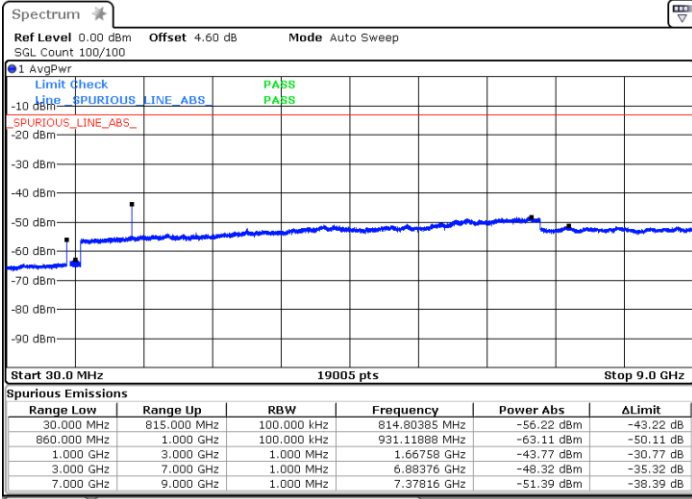


LTE Band 5B / 10MHz+5MHz

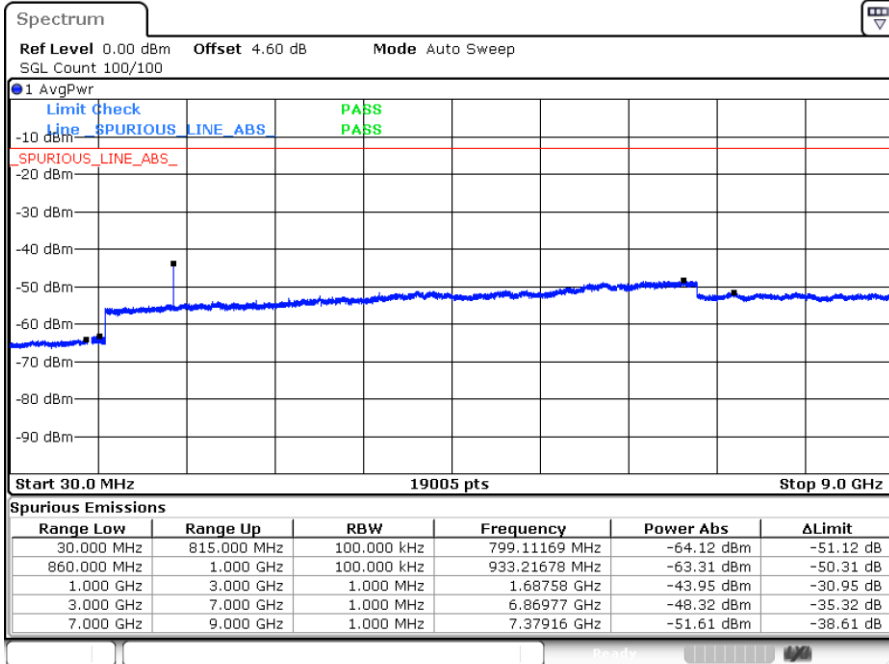
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



Highest Channel / 1RB49 and 1RB0



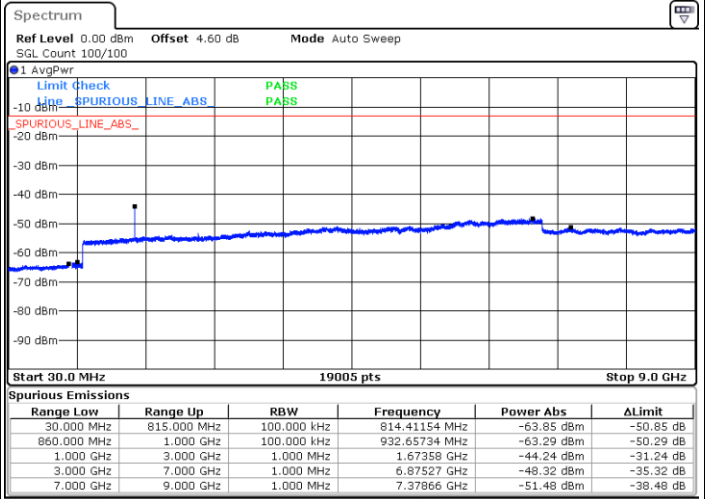
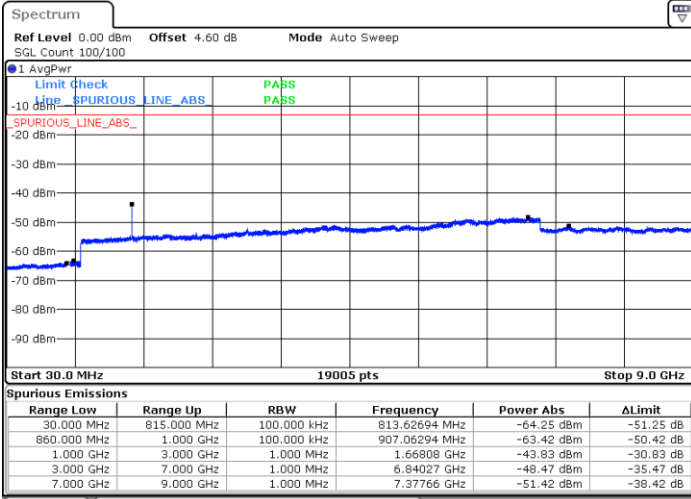


LTE Band 5B / 10MHz+10MHz

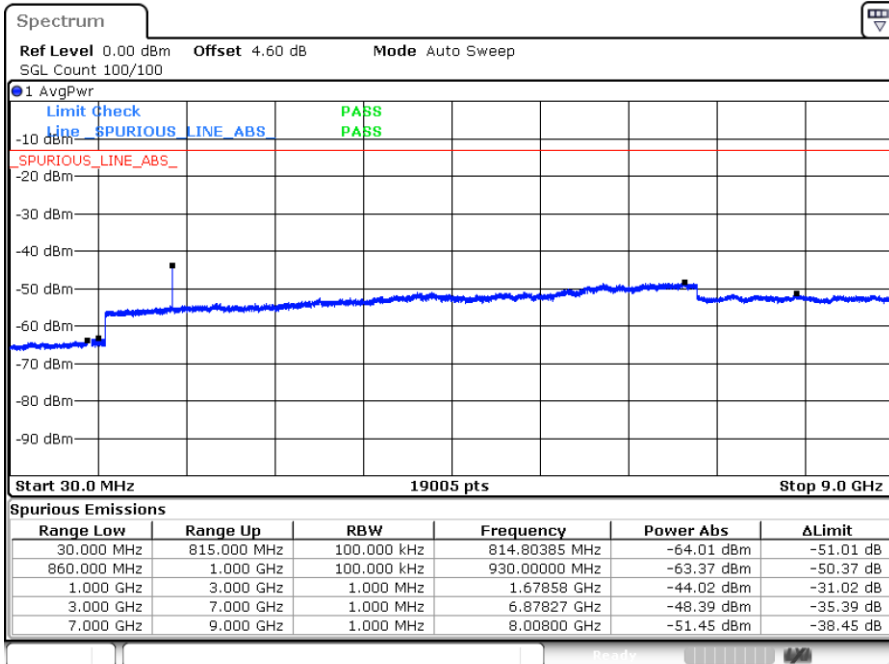
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



Highest Channel / 1RB49 and 1RB0





Frequency Stability

Test Conditions		LTE Band 5B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz+10MHZ	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.91V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	10.21	10.11
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	14.84	14.75
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	19.30	19.42
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	14.81	14.78
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	19.86	20.06
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	19.06	19.18



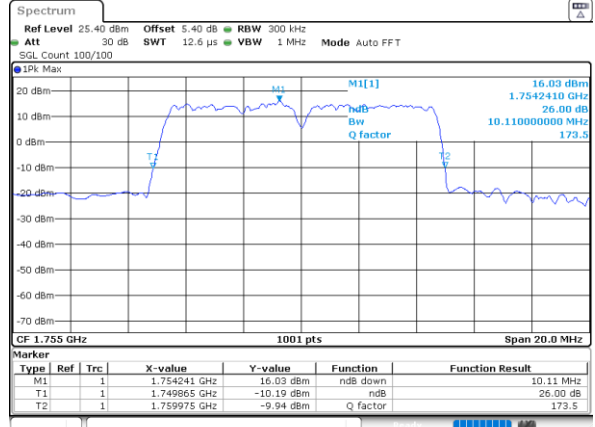
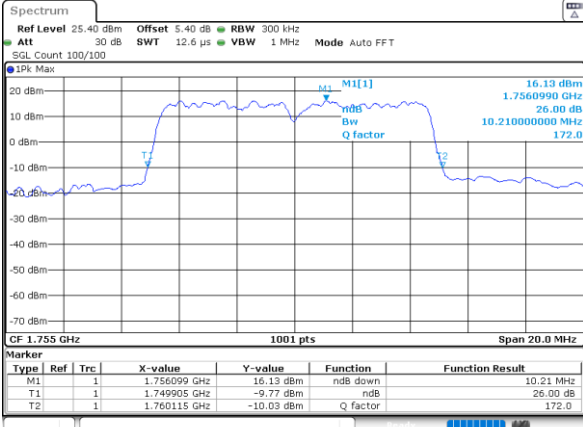
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+5MHz

Middle Channel / 5MHz+5MHz



Date: 27.APR.2023 01:12:17

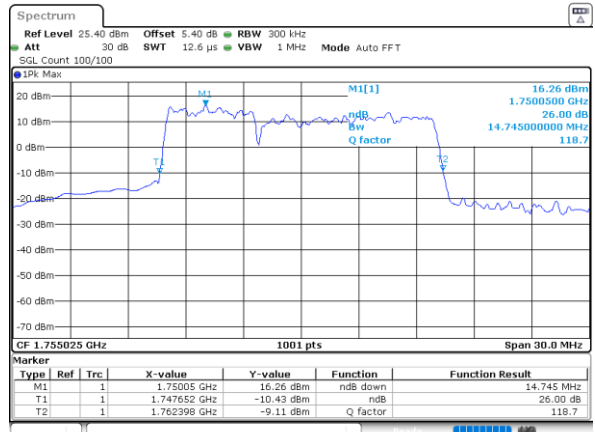
Date: 27.APR.2023 01:12:46

QPSK

16QAM

Middle Channel / 5MHz+10MHz

Middle Channel / 5MHz+10MHz



Date: 27.APR.2023 01:41:21

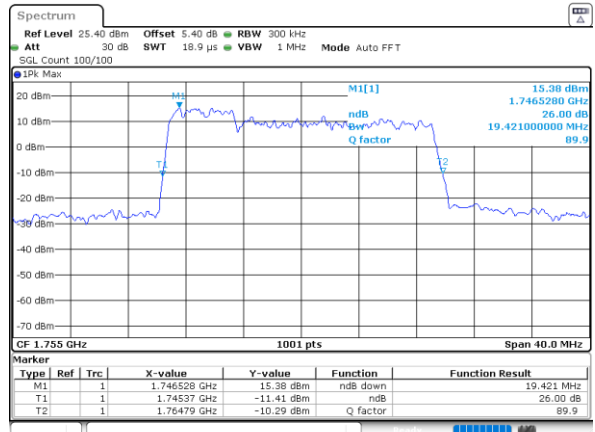
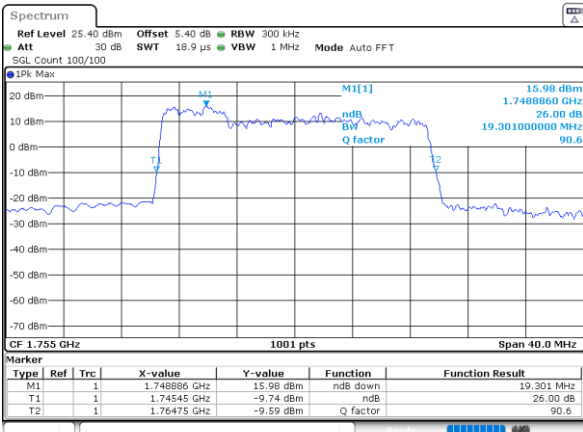
Date: 27.APR.2023 01:41:50

QPSK

16QAM

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz



Date: 27.APR.2023 02:09:22

Date: 27.APR.2023 02:09:51



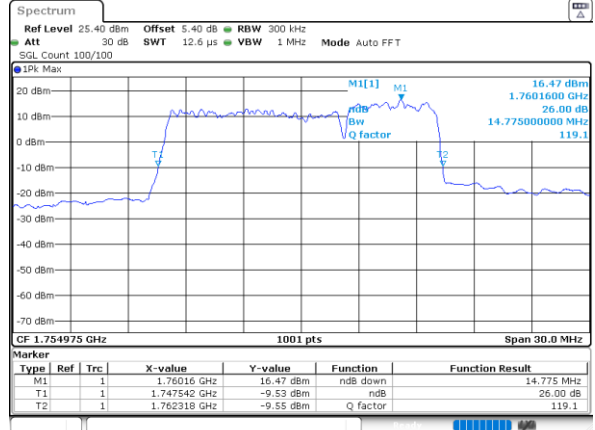
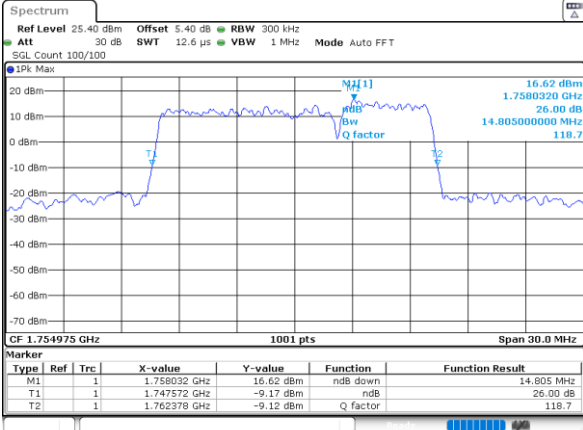
LTE Band 66B

QPSK

16QAM

Middle Channel / 10MHz+5MHz

Middle Channel / 10MHz+5MHz



Date: 27.APR.2023 02:39:11

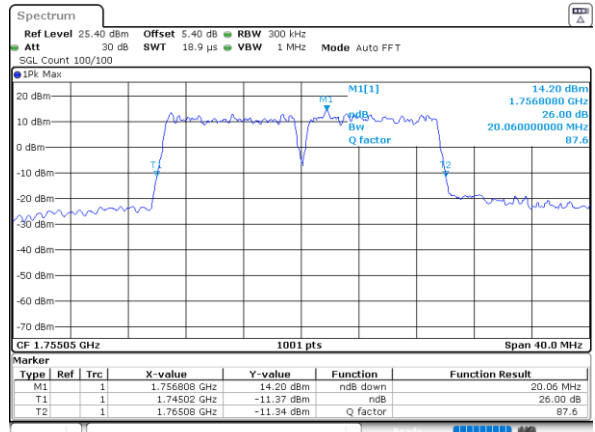
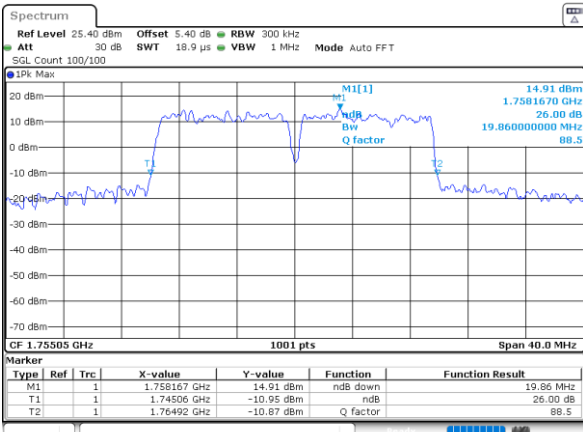
Date: 27.APR.2023 02:39:19

QPSK

16QAM

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz



Date: 27.APR.2023 03:09:37

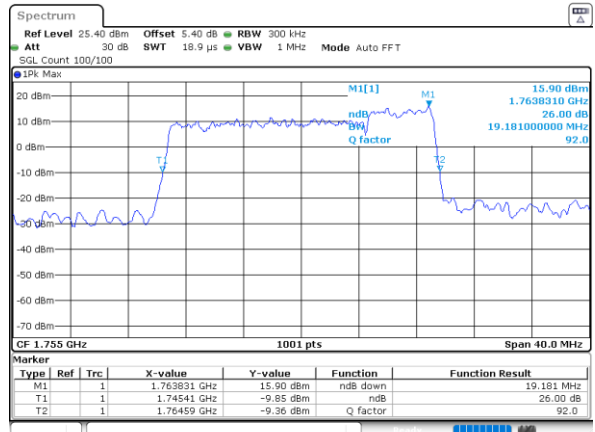
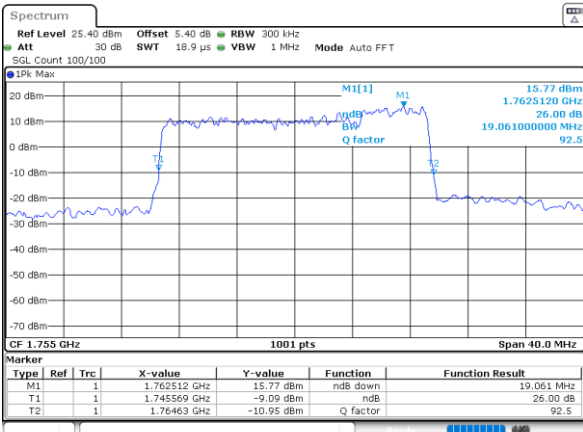
Date: 27.APR.2023 03:10:06

QPSK

16QAM

Middle Channel / 15MHz+5MHz

Middle Channel / 15MHz+5MHz



Date: 27.APR.2023 03:13:47

Date: 27.APR.2023 03:13:15



Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.31	9.33
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	13.91	13.94
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	18.26	18.22
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	13.94	13.91
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.78	18.74
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	18.22	18.26



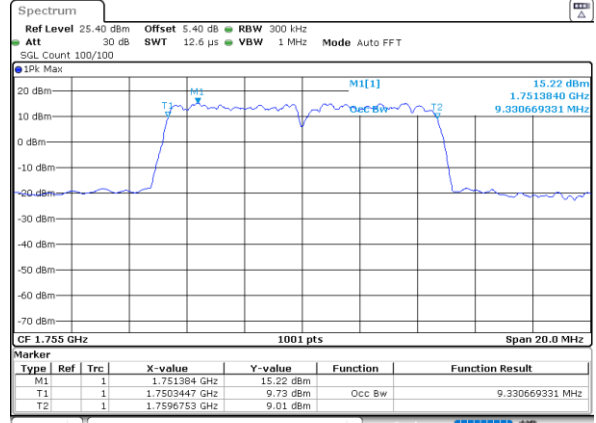
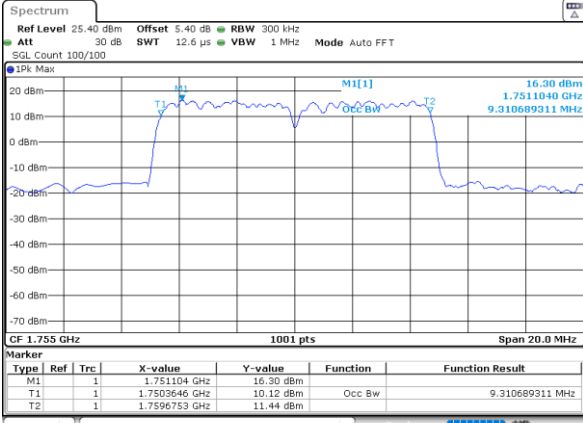
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+5MHz

Middle Channel / 5MHz+5MHz



Date: 27.APR.2023 01:11:44

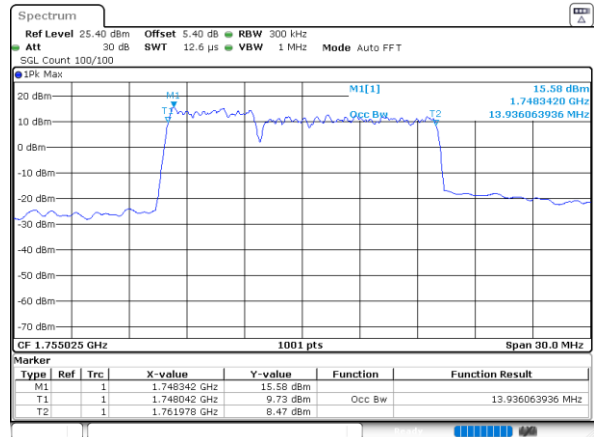
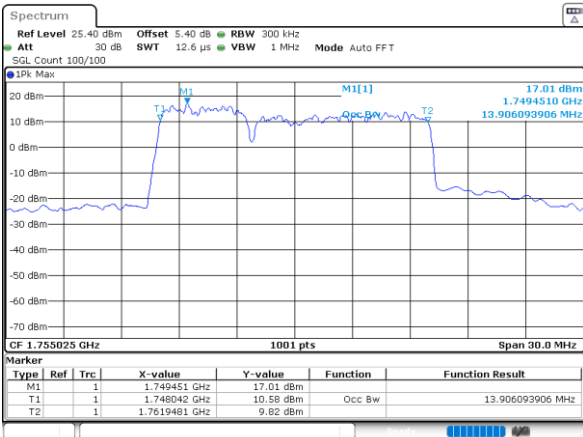
Date: 27.APR.2023 01:13:15

QPSK

16QAM

Middle Channel / 5MHz+10MHz

Middle Channel / 5MHz+10MHz



Date: 27.APR.2023 01:40:51

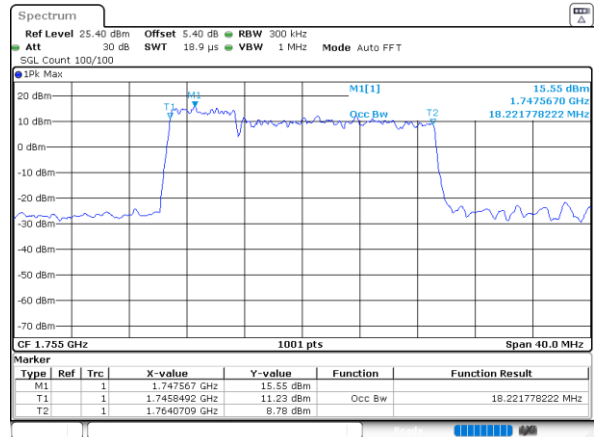
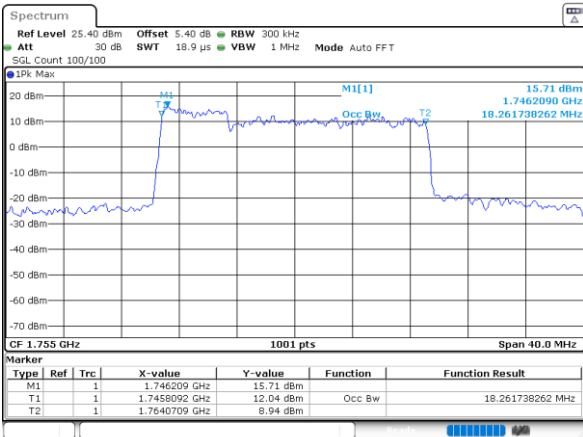
Date: 27.APR.2023 01:42:19

QPSK

16QAM

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz



Date: 27.APR.2023 02:08:54

Date: 27.APR.2023 02:10:19



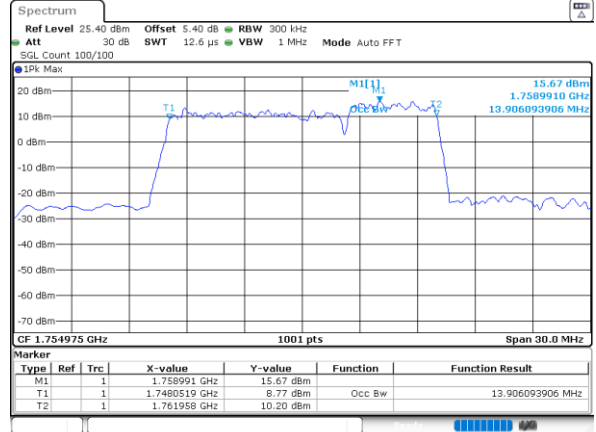
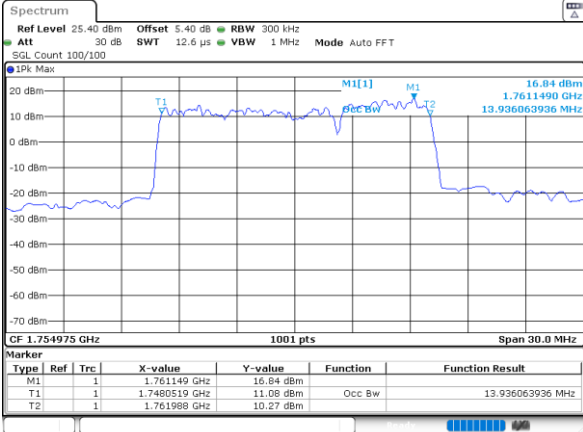
LTE Band 66B

QPSK

16QAM

Middle Channel / 10MHz+5MHz

Middle Channel / 10MHz+5MHz



Date: 27_APR_2023 02:38:43

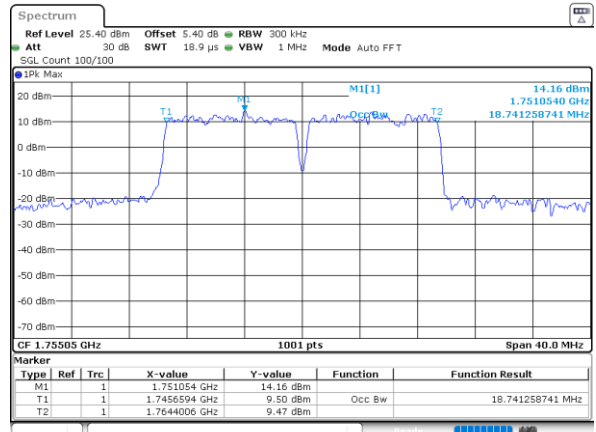
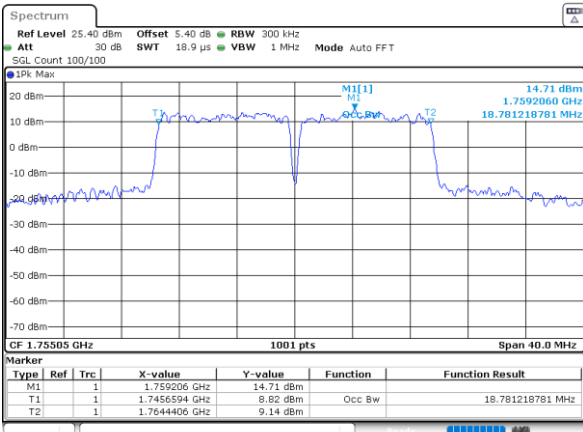
Date: 27_APR_2023 02:40:07

QPSK

16QAM

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz



Date: 27_APR_2023 03:09:09

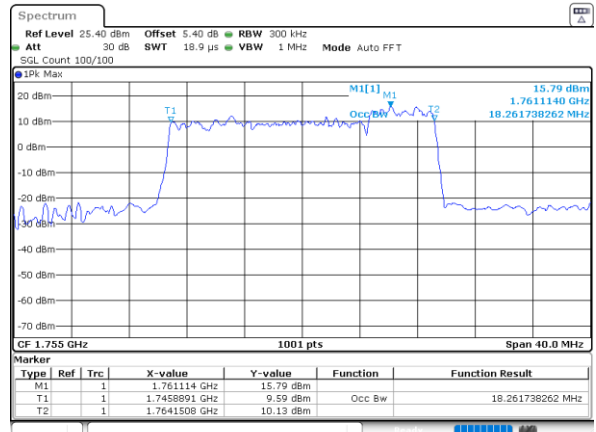
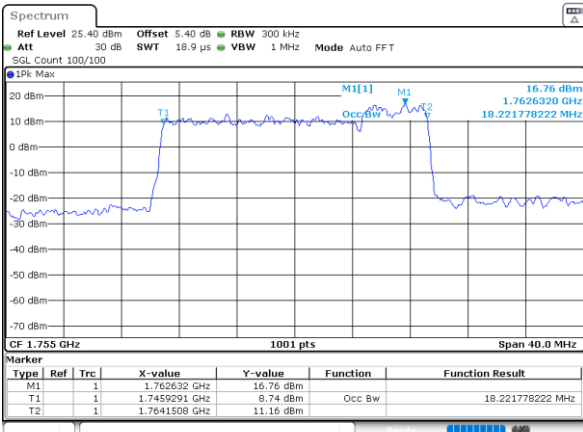
Date: 27_APR_2023 03:10:34

QPSK

16QAM

Middle Channel / 15MHz+5MHz

Middle Channel / 15MHz+5MHz



Date: 27_APR_2023 03:36:19

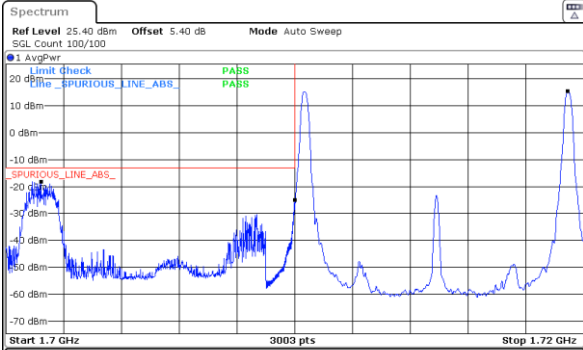
Date: 27_APR_2023 03:37:43



Conducted Band Edge

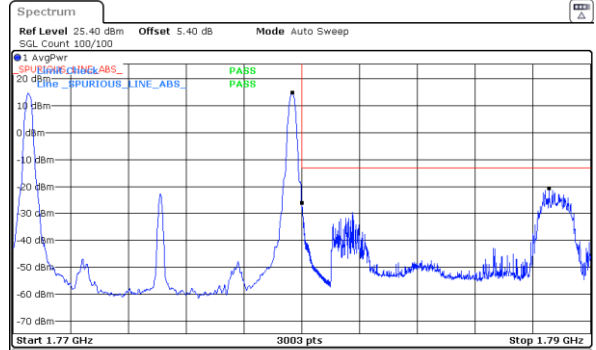
LTE Band 66B / 5MHz+5MHz QPSK

Lowest Band Edge / 1RB0 and 1RBMAX



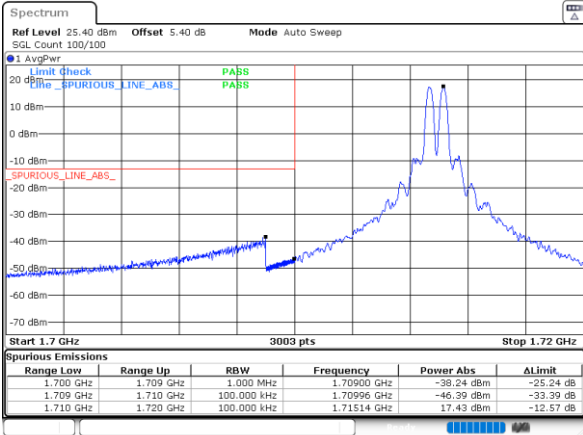
Date: 27.APR.2023 01:01:30

Highest Band Edge / 1RB0 and 1RBMAX



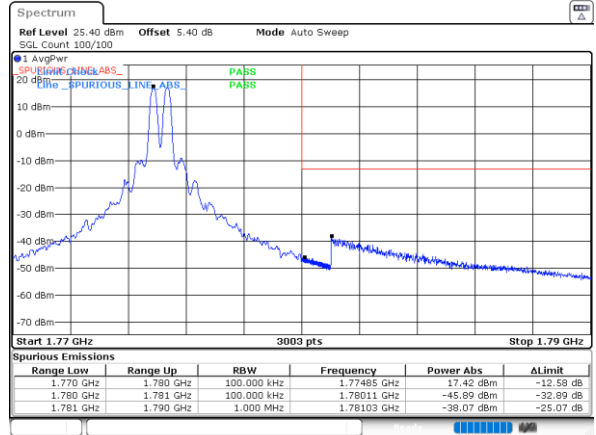
Date: 27.APR.2023 01:19:04

Lowest Band Edge / 1RBMAX and 1RB0



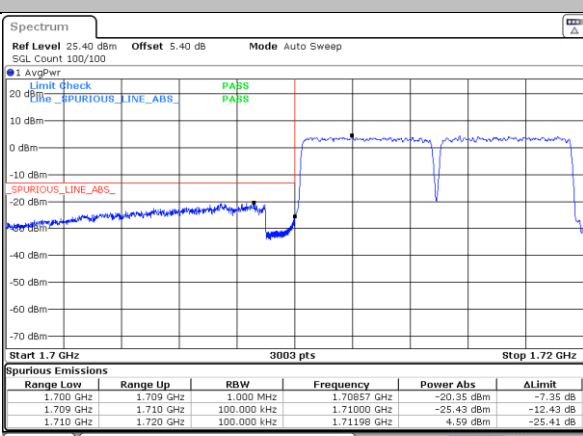
Date: 27.APR.2023 01:04:28

Highest Band Edge / 1RBMAX and 1RB0



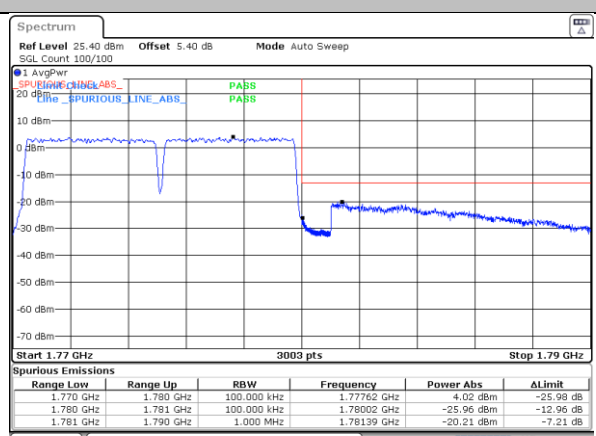
Date: 27.APR.2023 01:16:11

Lowest Band Edge / Full RB



Date: 27.APR.2023 00:58:35

Highest Band Edge / Full RB



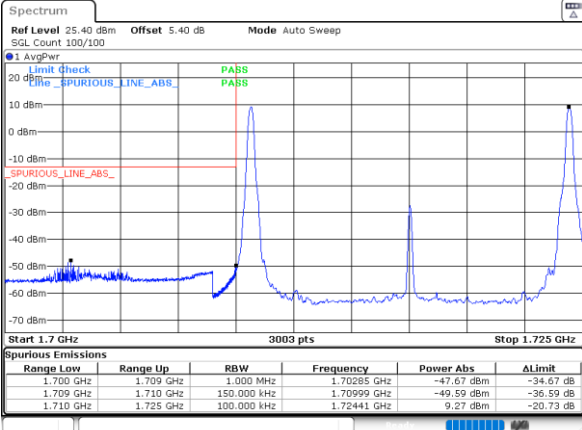
Date: 27.APR.2023 01:22:00



LTE Band 66B / 5MHz+10MHz

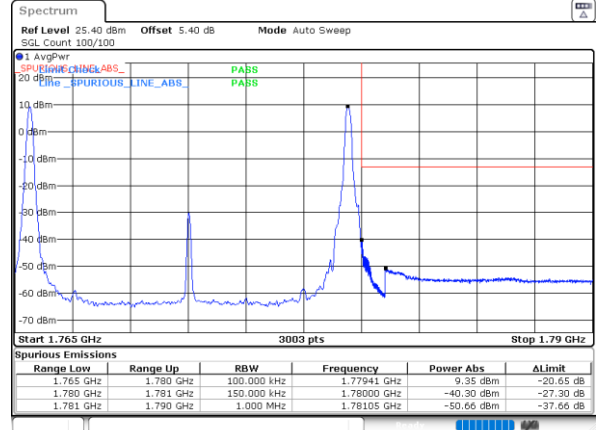
QPSK

Lowest Band Edge / 1RB0 and 1RBMAX



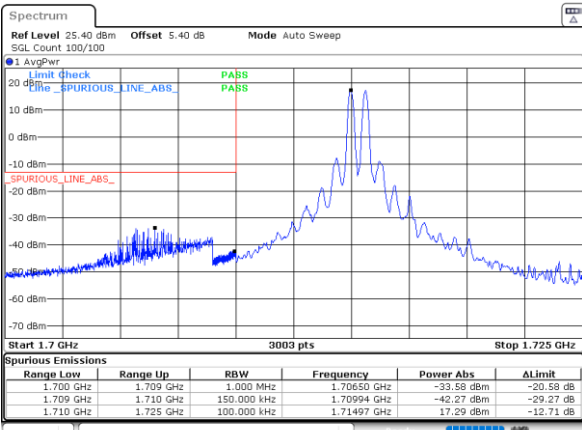
Date: 27.APR.2023 01:29:10

Highest Band Edge / 1RB0 and 1RBMAX



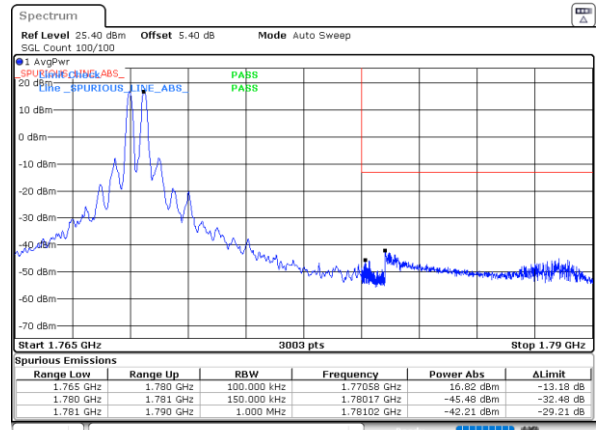
Date: 27.APR.2023 01:48:14

Lowest Band Edge / 1RBMAX and 1RB0



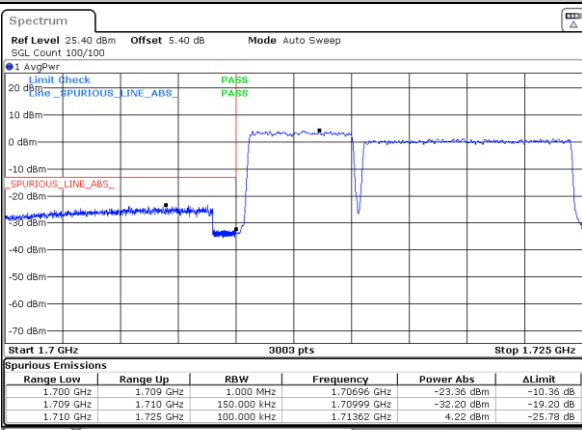
Date: 27.APR.2023 01:32:03

Highest Band Edge / 1RBMAX and 1RB0



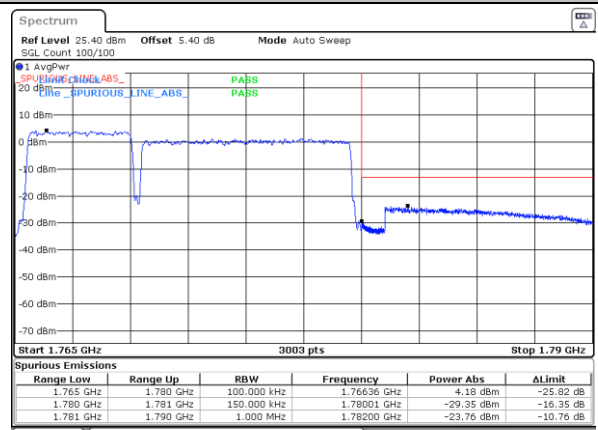
Date: 27.APR.2023 01:45:22

Lowest Band Edge / Full RB



Date: 27.APR.2023 01:26:13

Highest Band Edge / Full RB



Date: 27.APR.2023 01:51:07