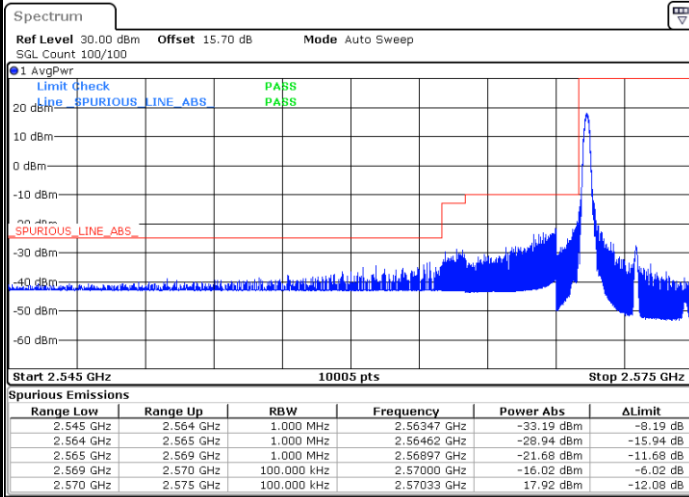


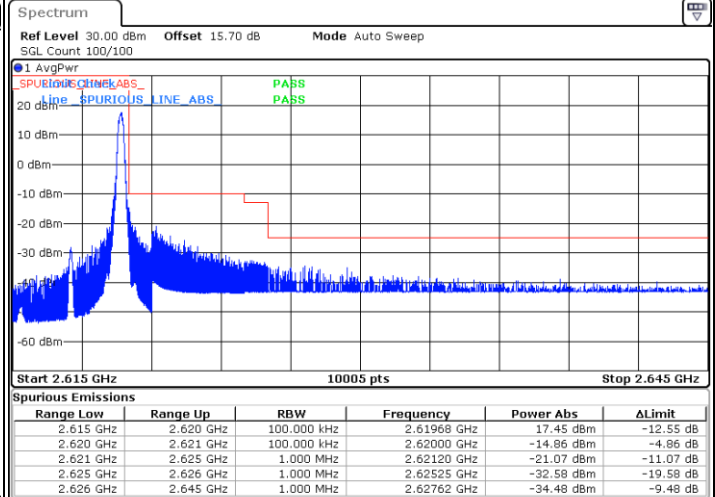


LTE Band 38 / 5MHz / 256QAM

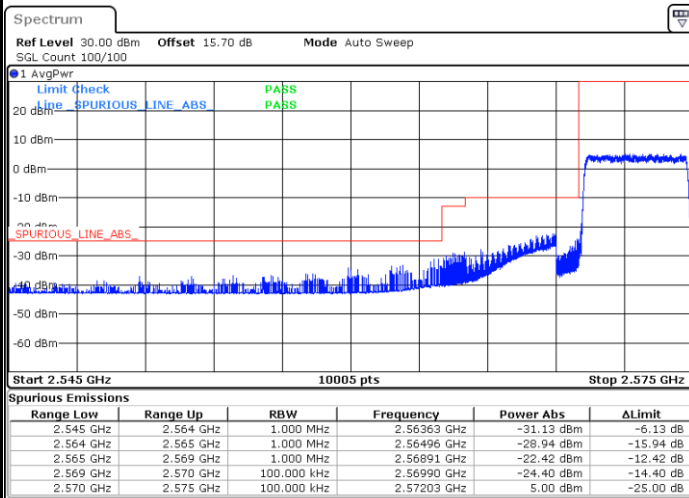
Lowest Band Edge / 1RB



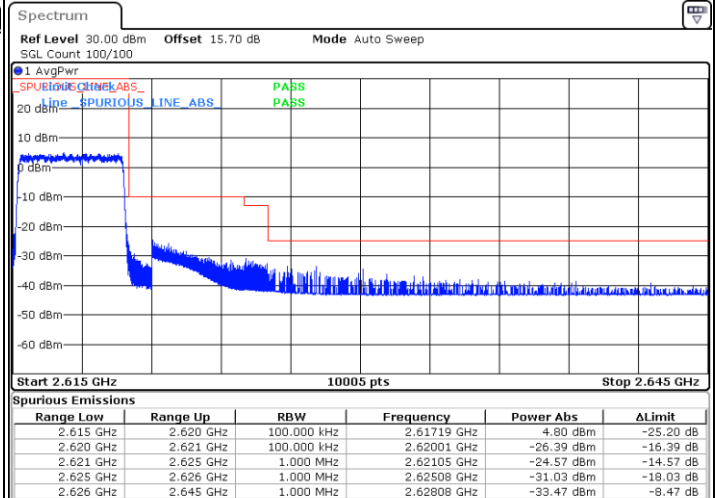
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



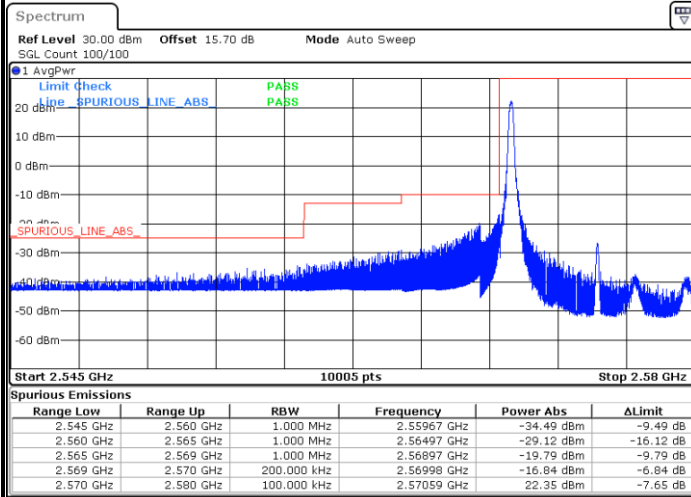
Highest Band Edge / Full RB



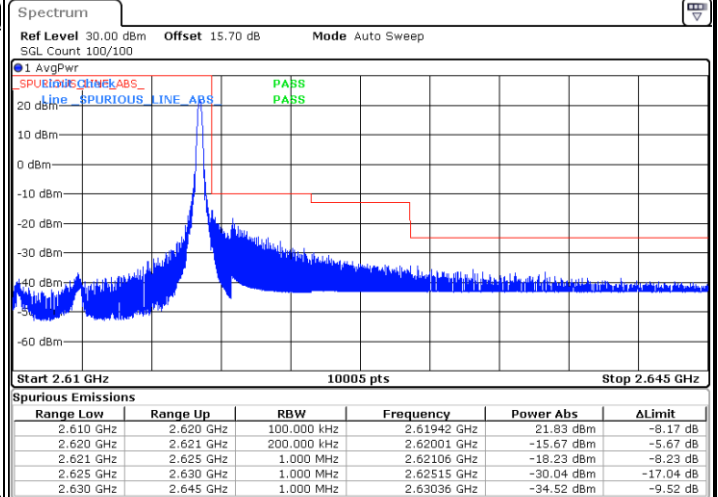


LTE Band 38 / 10MHz / QPSK

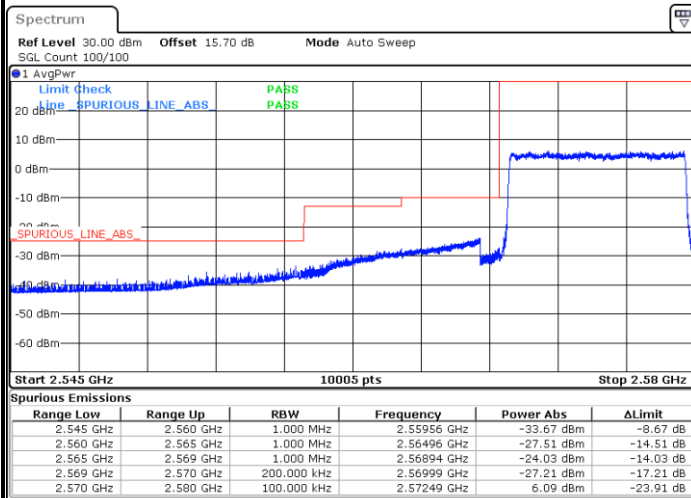
Lowest Band Edge / 1 RB



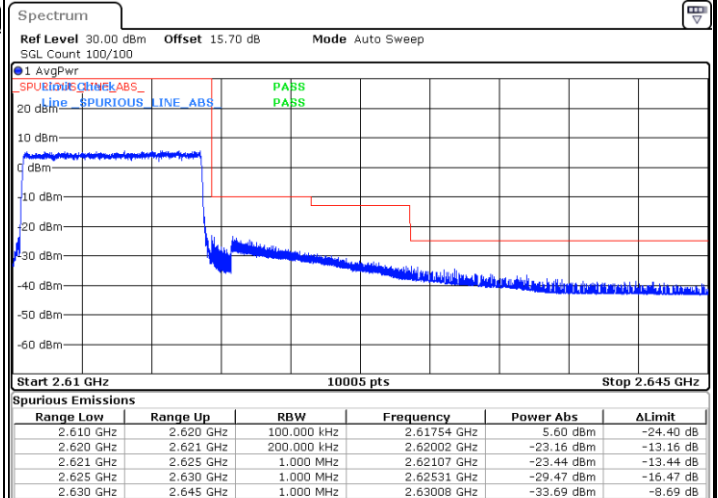
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



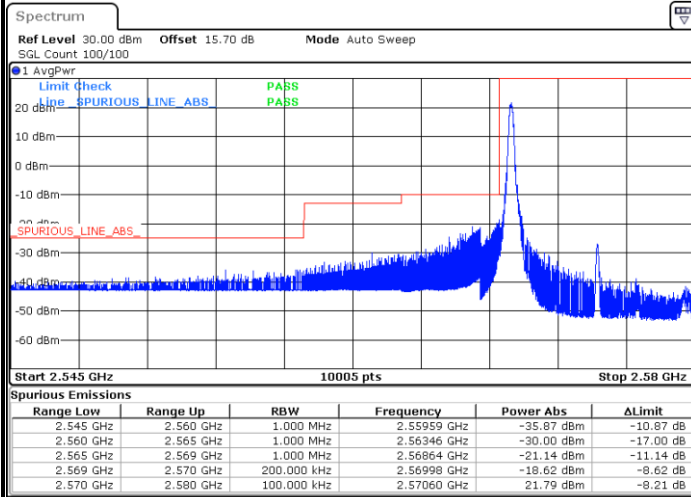
Highest Band Edge / Full RB



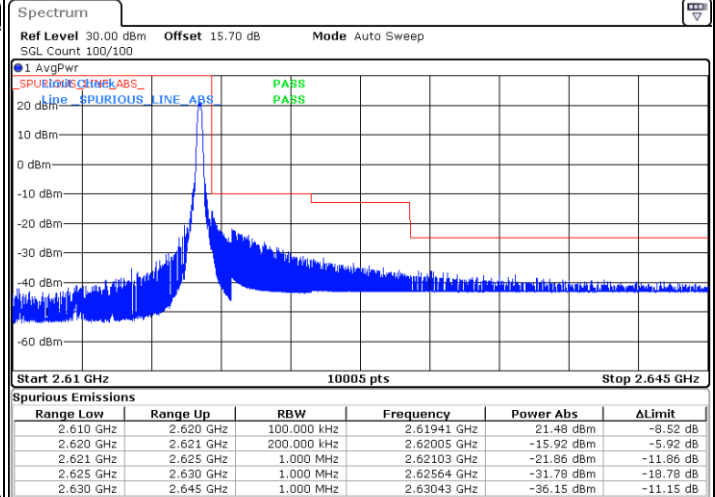


LTE Band 38 / 10MHz / 16QAM

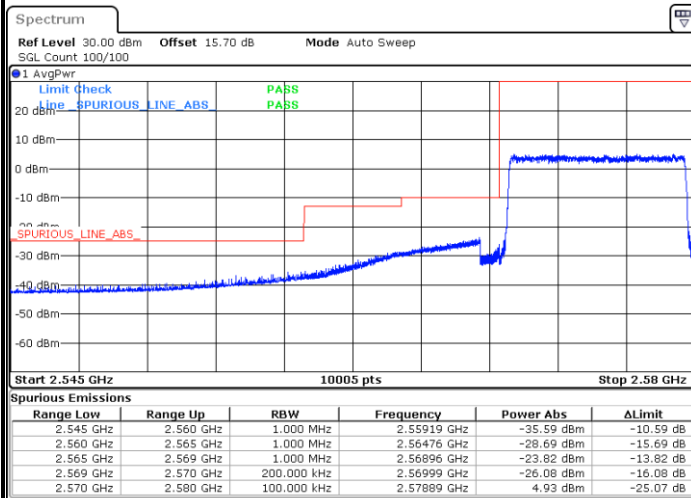
Lowest Band Edge / 1 RB



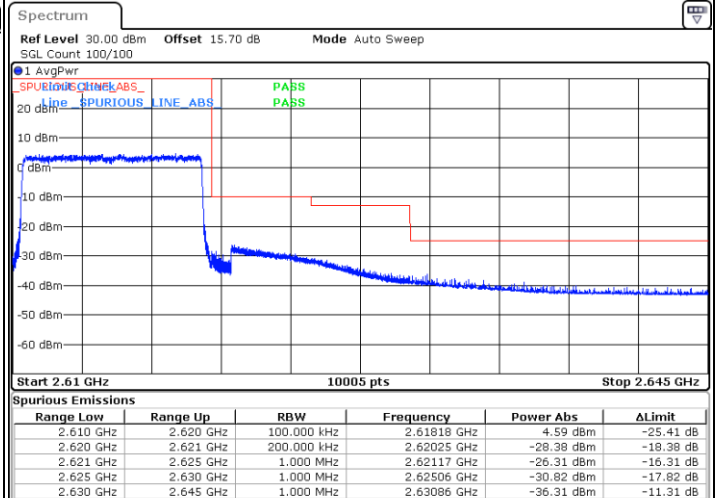
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



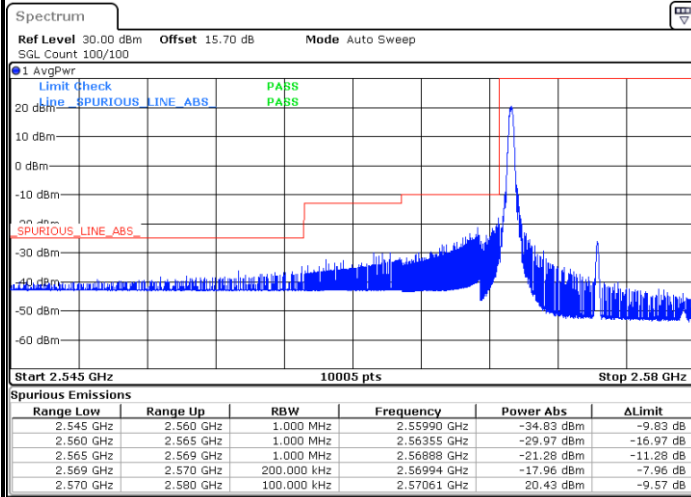
Highest Band Edge / Full RB



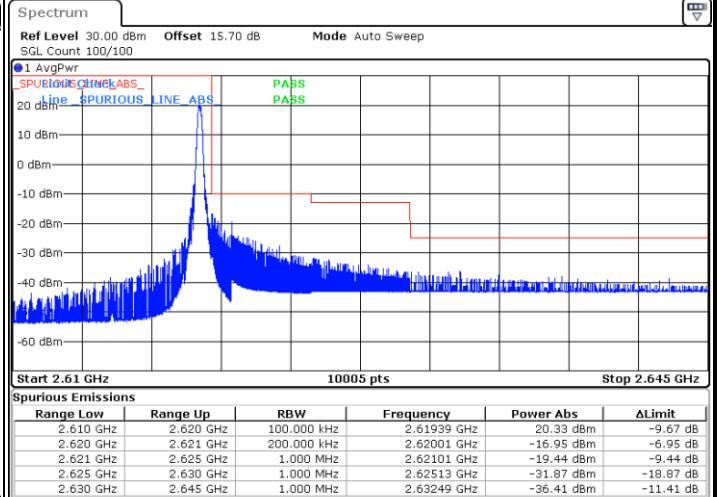


LTE Band 38 / 10MHz / 64QAM

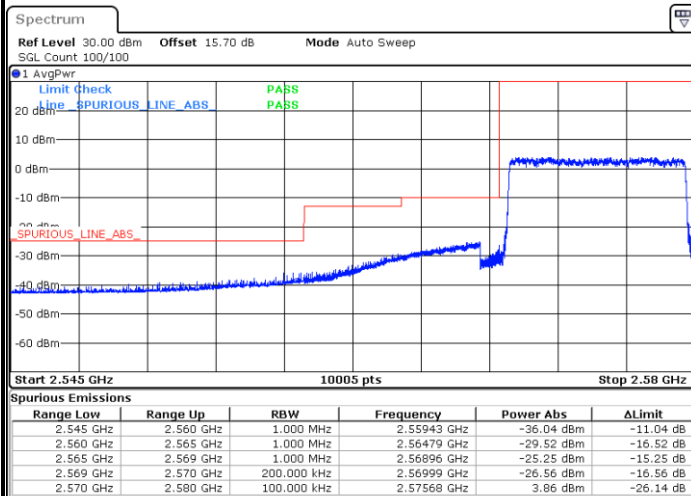
Lowest Band Edge / 1 RB



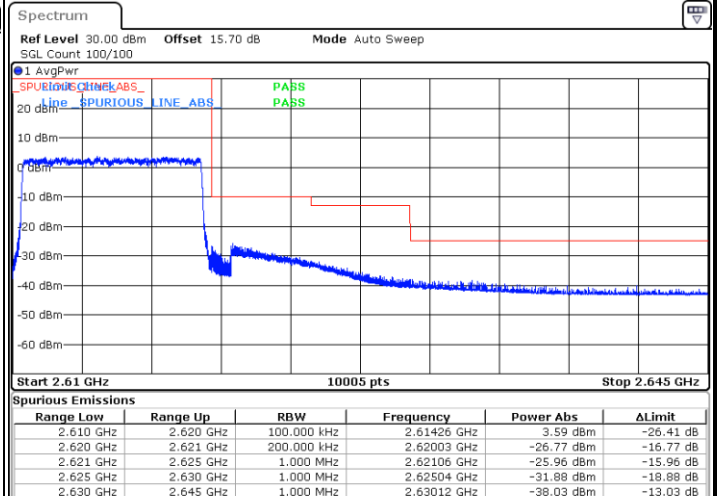
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



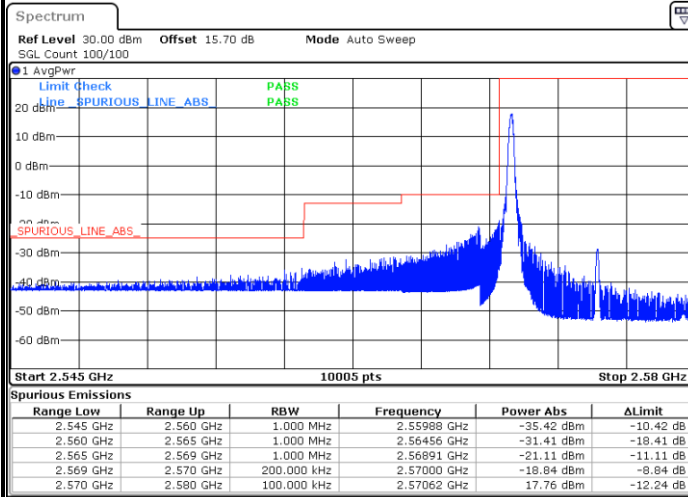
Highest Band Edge / Full RB



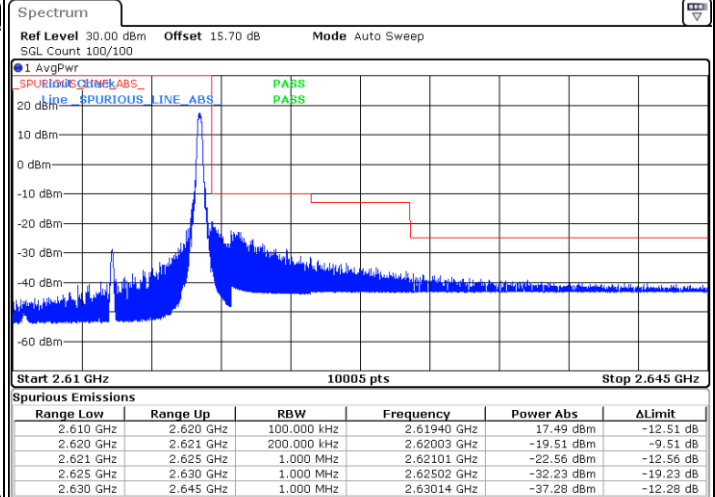


LTE Band 38 / 10MHz / 256QAM

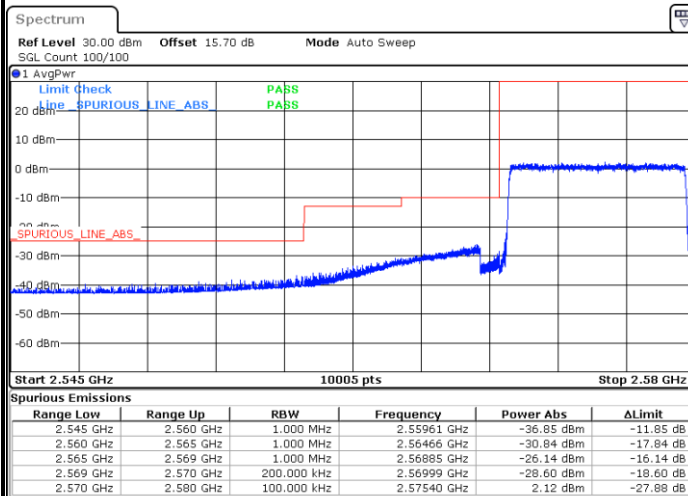
Lowest Band Edge / 1 RB



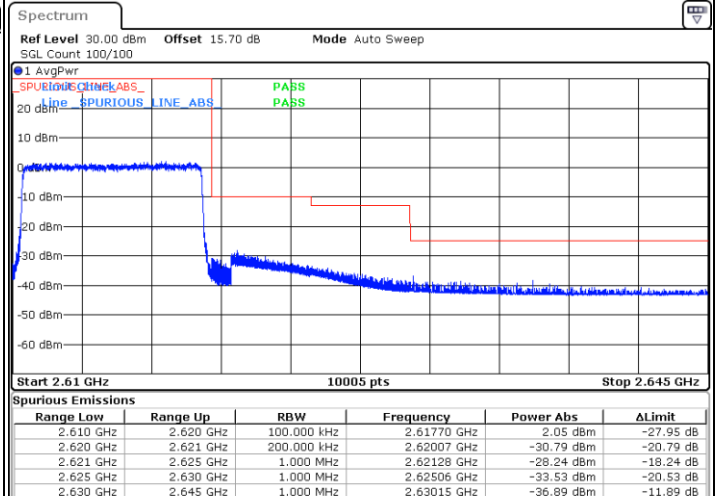
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



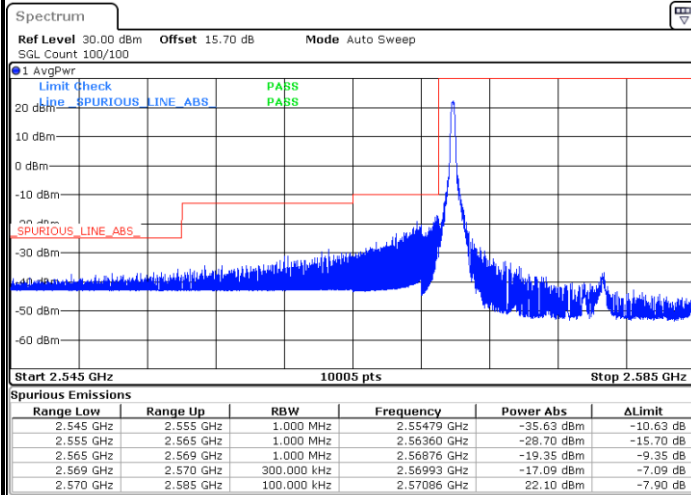
Highest Band Edge / Full RB



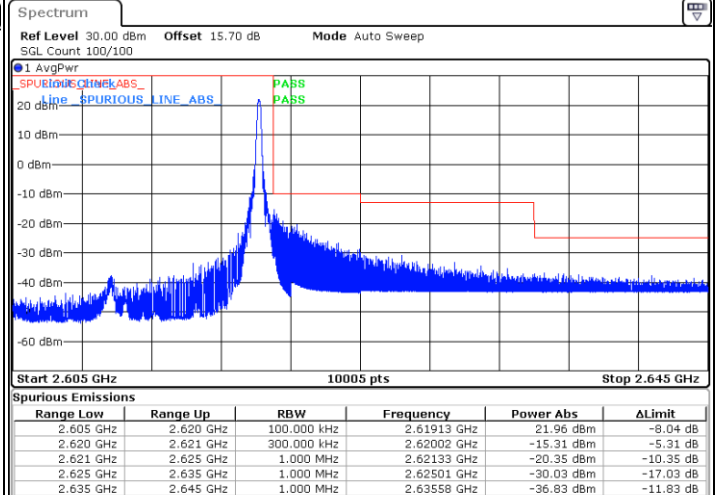


LTE Band 38 / 15MHz / QPSK

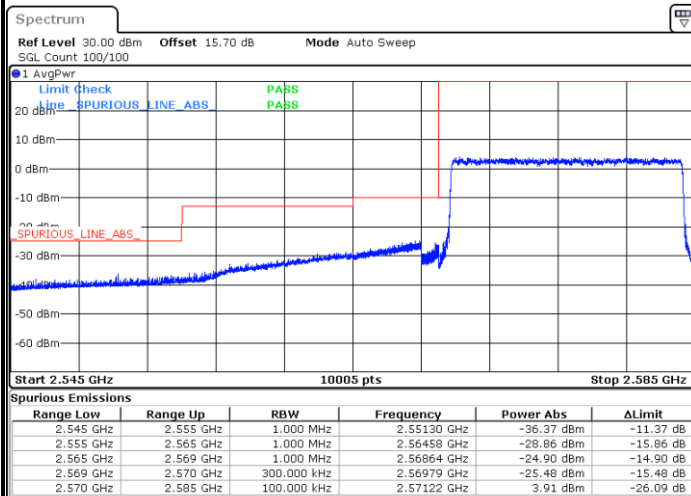
Lowest Band Edge / 1 RB



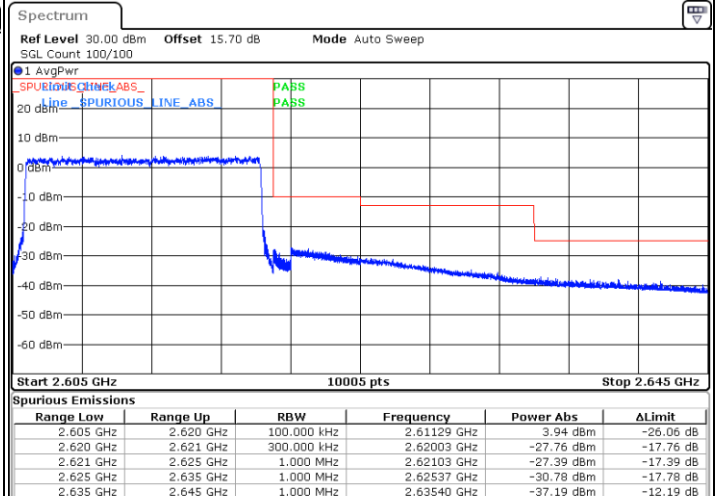
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



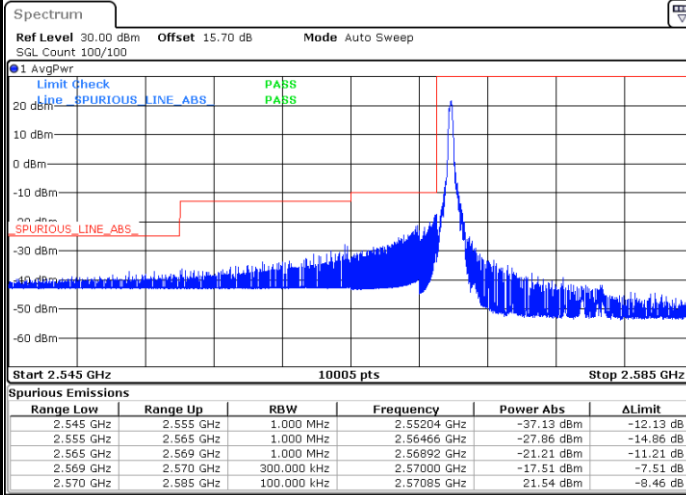
Highest Band Edge / Full RB



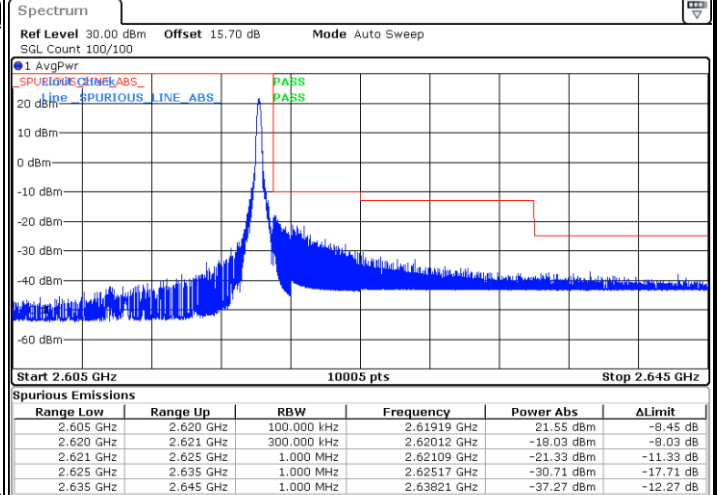


LTE Band 38 / 15MHz / 16QAM

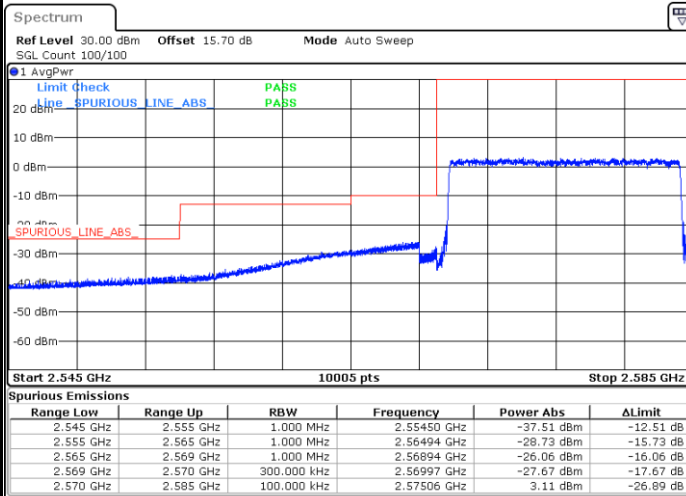
Lowest Band Edge / 1 RB



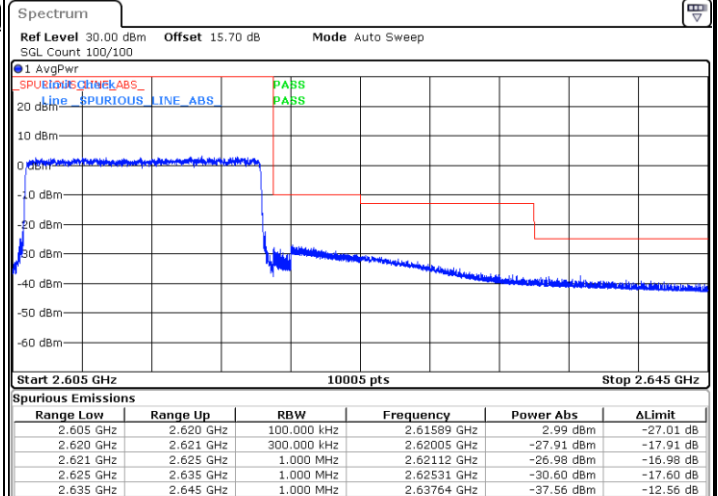
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



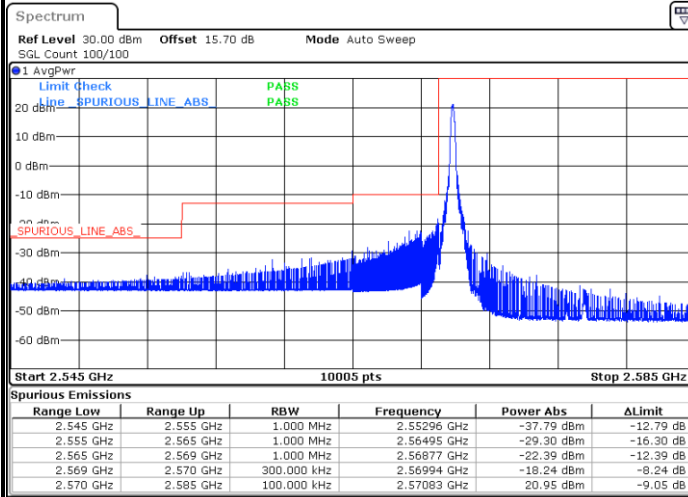
Highest Band Edge / Full RB



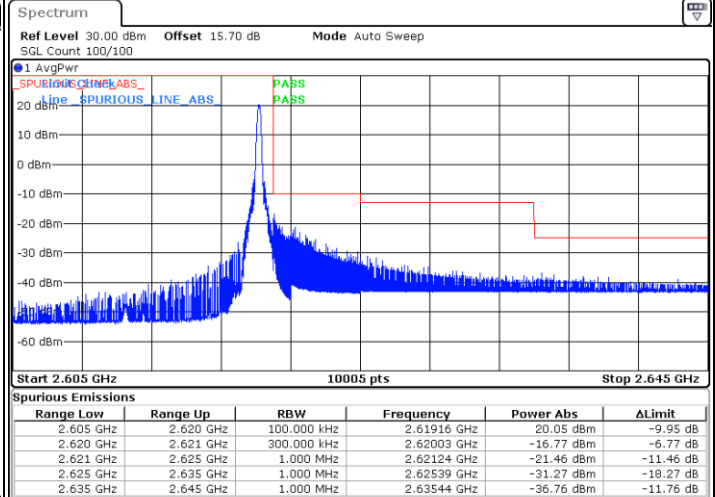


LTE Band 38 / 15MHz / 64QAM

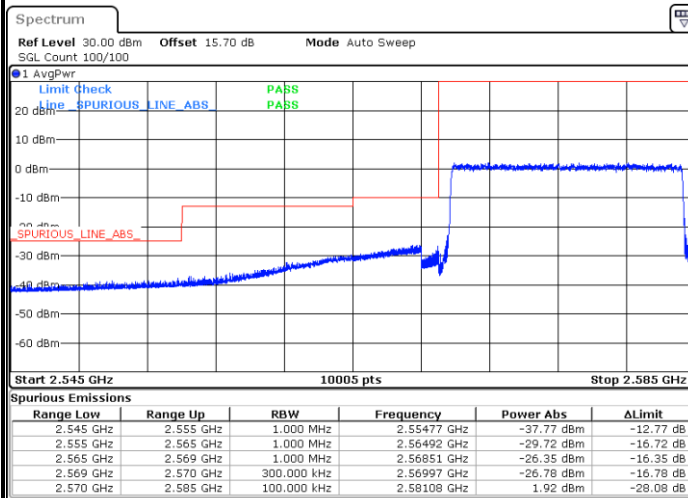
Lowest Band Edge / 1 RB



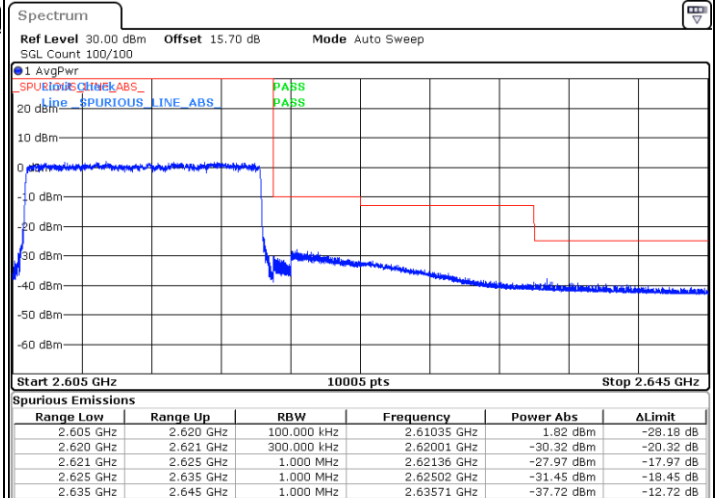
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



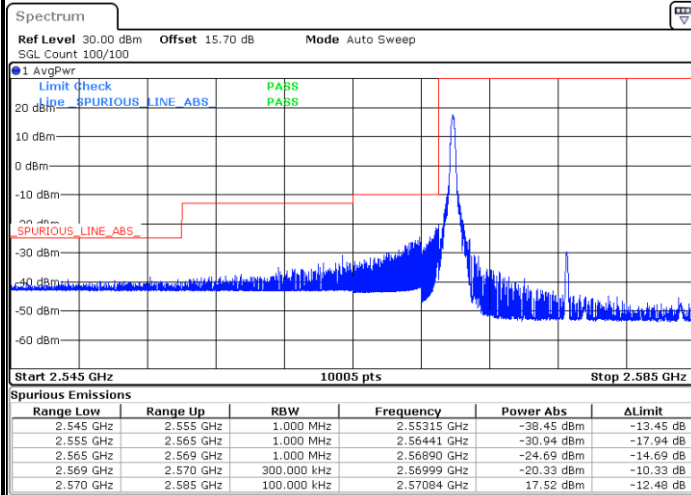
Highest Band Edge / Full RB



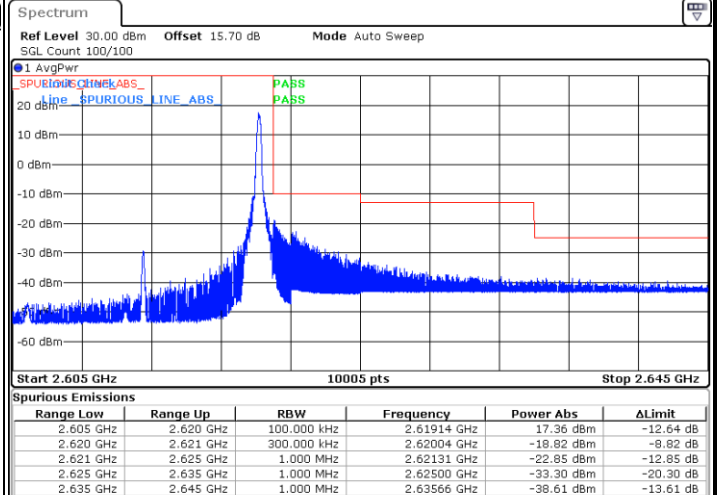


LTE Band 38 / 15MHz / 256QAM

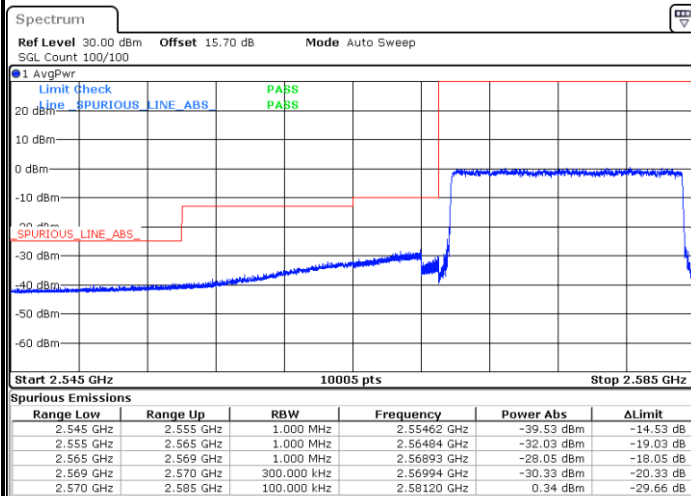
Lowest Band Edge / 1 RB



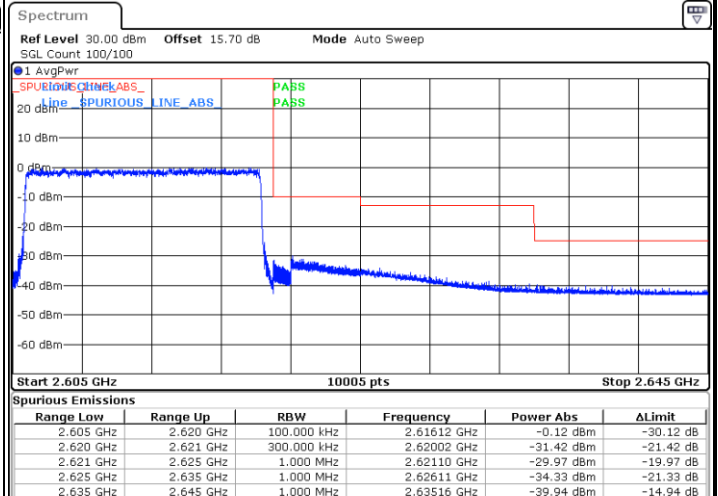
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



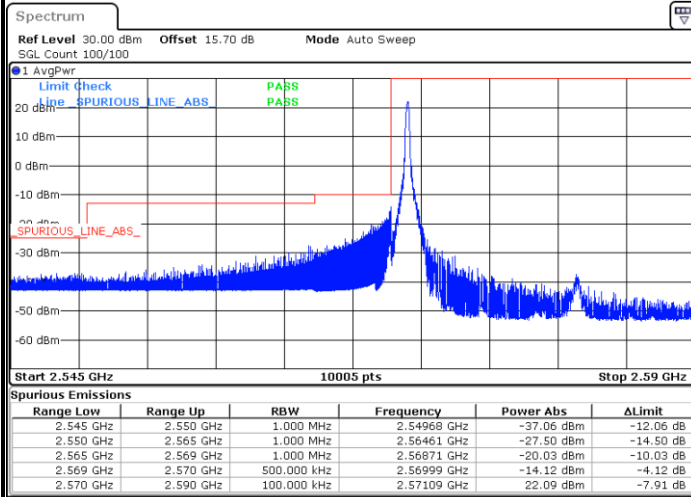
Highest Band Edge / Full RB



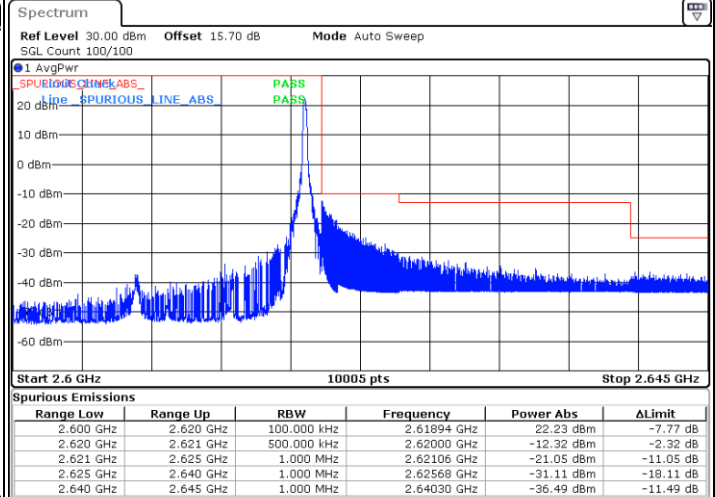


LTE Band 38 / 20MHz / QPSK

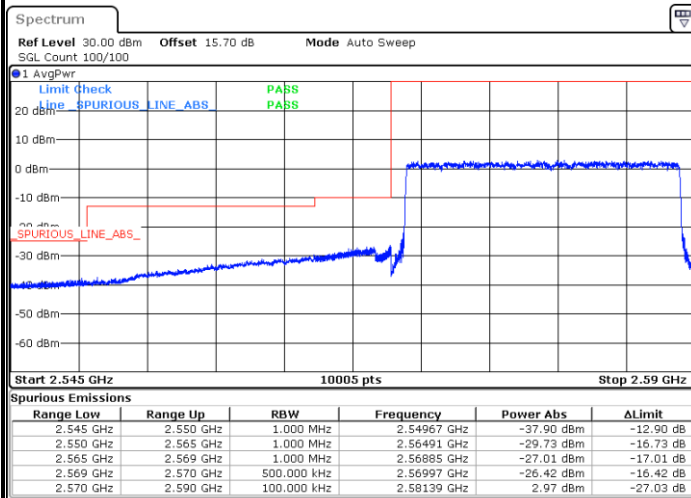
Lowest Band Edge / 1 RB



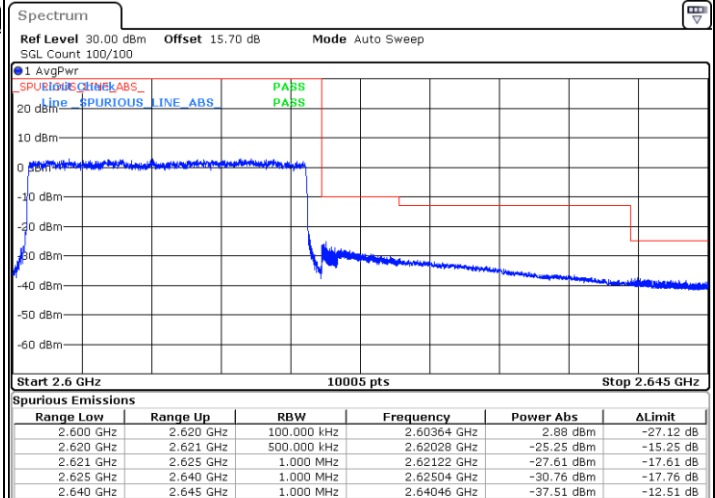
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



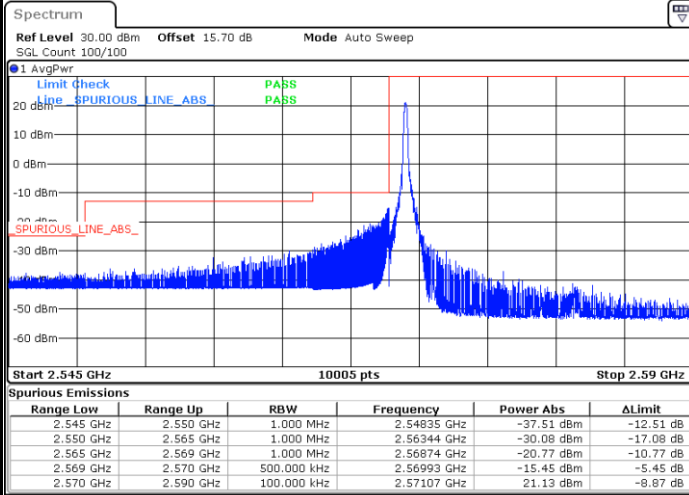
Highest Band Edge / Full RB



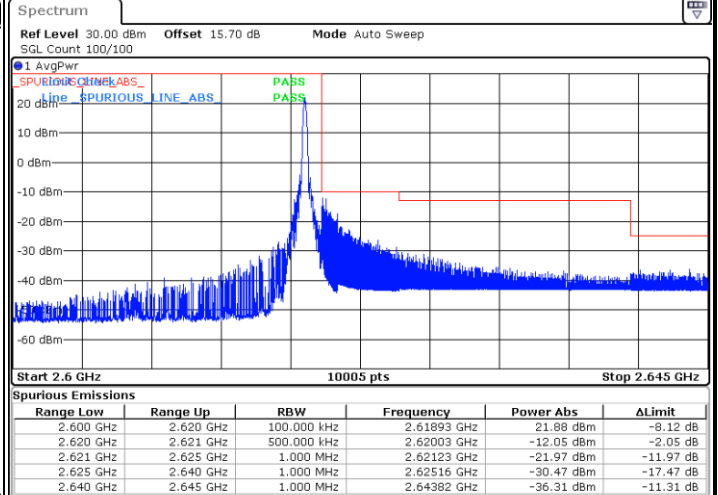


LTE Band 38 / 20MHz / 16QAM

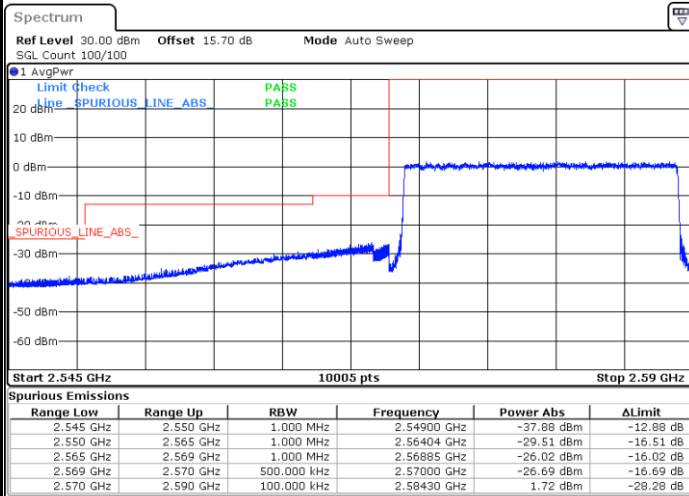
Lowest Band Edge / 1 RB



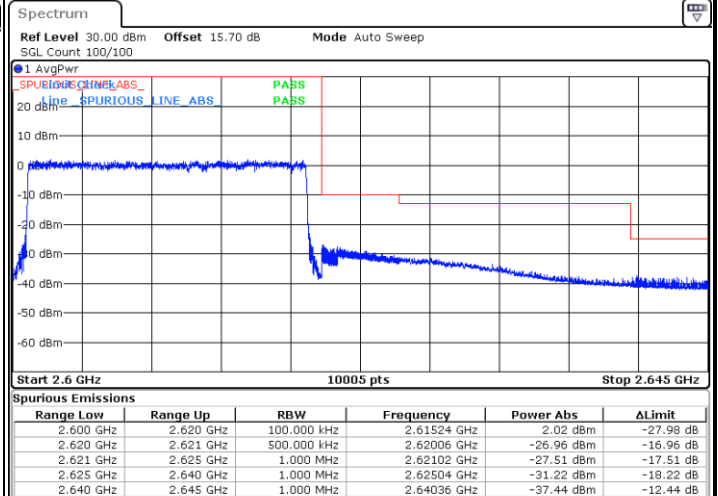
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



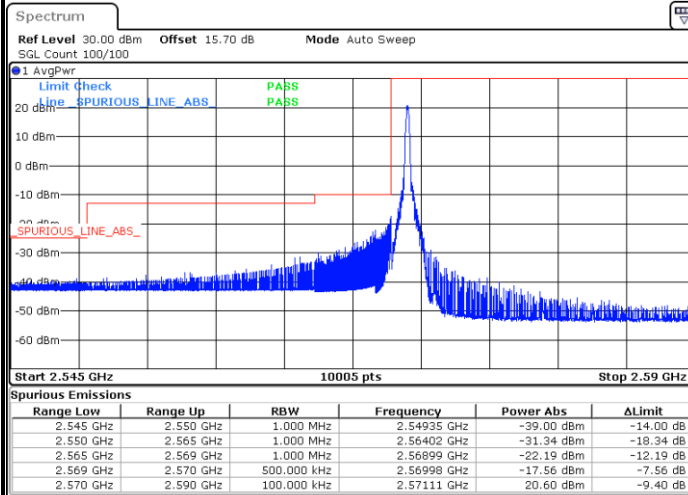
Highest Band Edge / Full RB



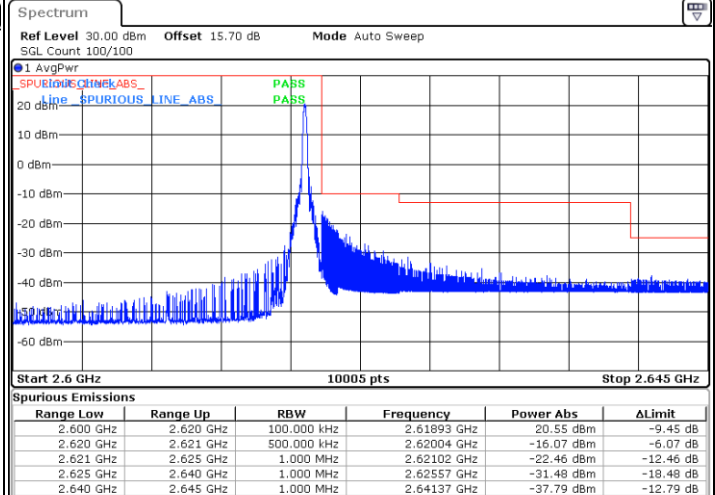


LTE Band 38 / 20MHz / 64QAM

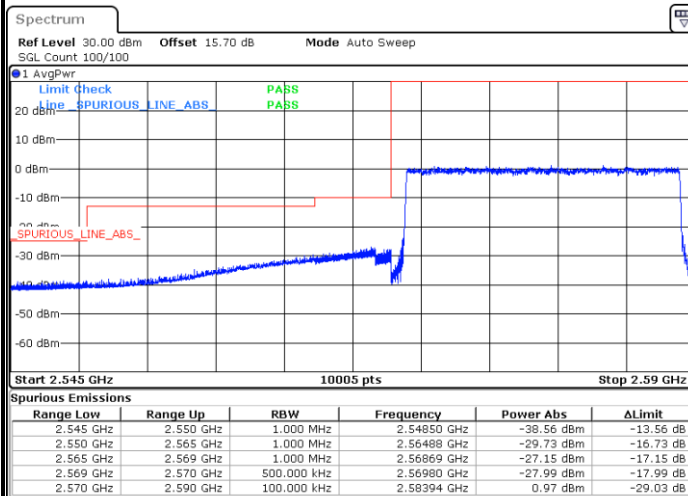
Lowest Band Edge / 1 RB



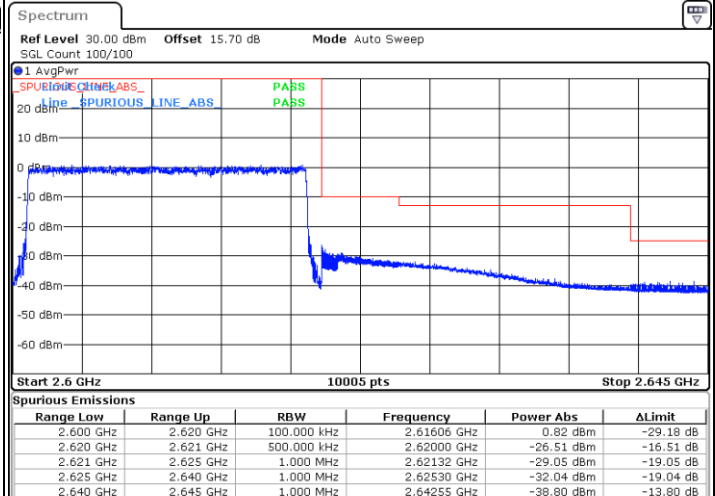
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



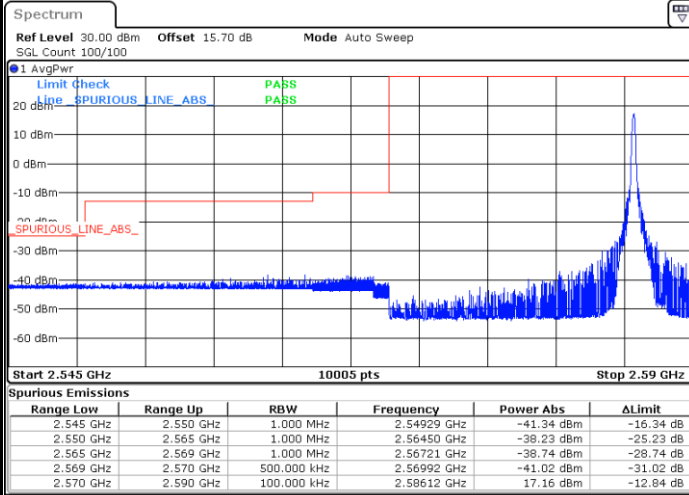
Highest Band Edge / Full RB



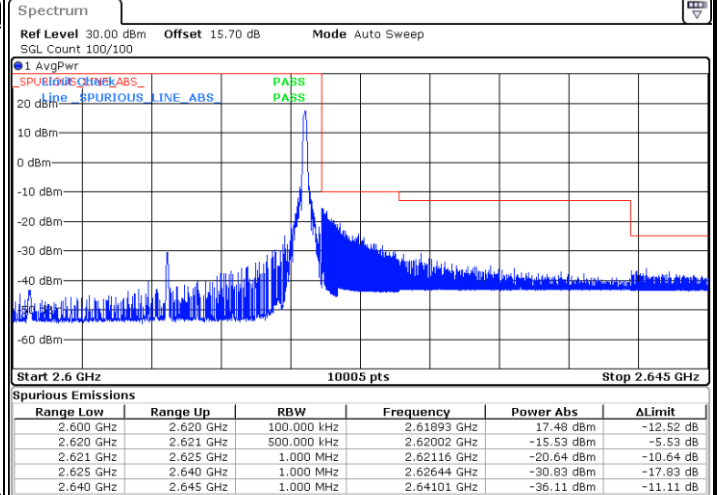


LTE Band 38 / 20MHz / 256QAM

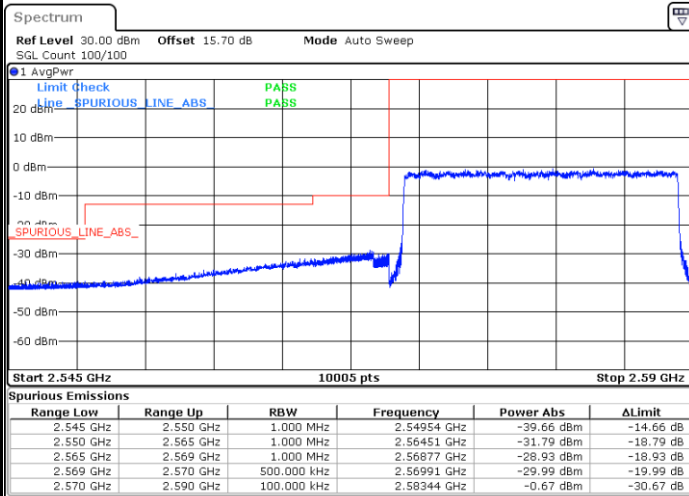
Lowest Band Edge / 1 RB



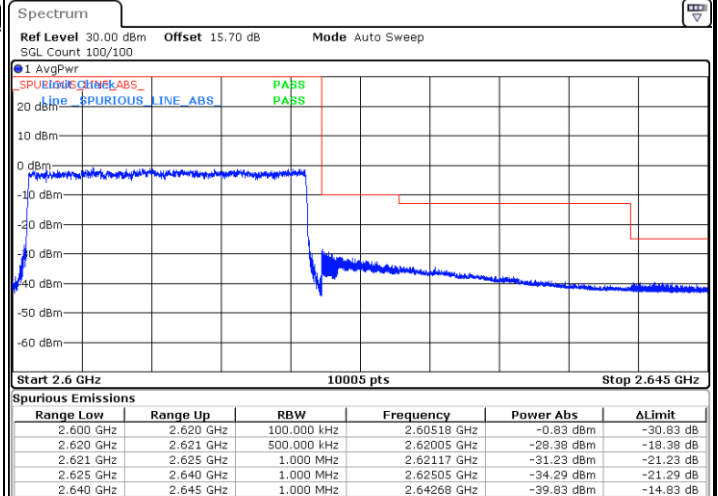
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

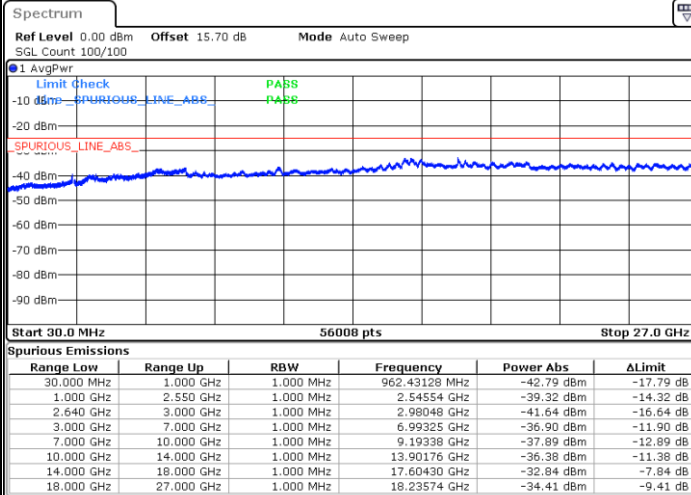




Conducted Spurious Emission

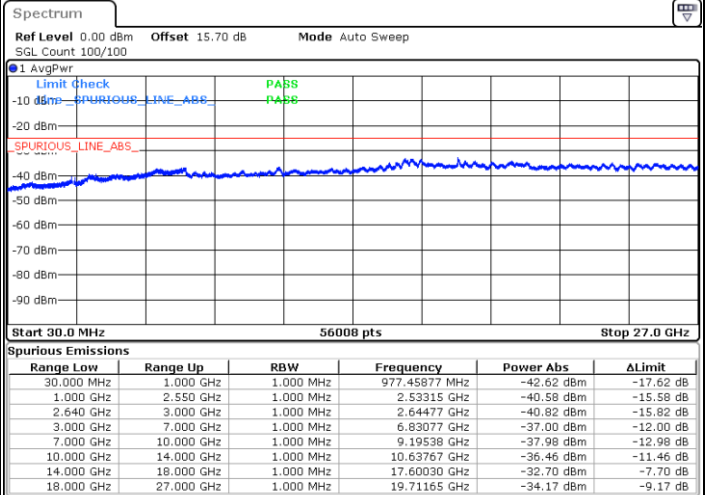
LTE Band 38 / 5MHz

Lowest Channel / QPSK



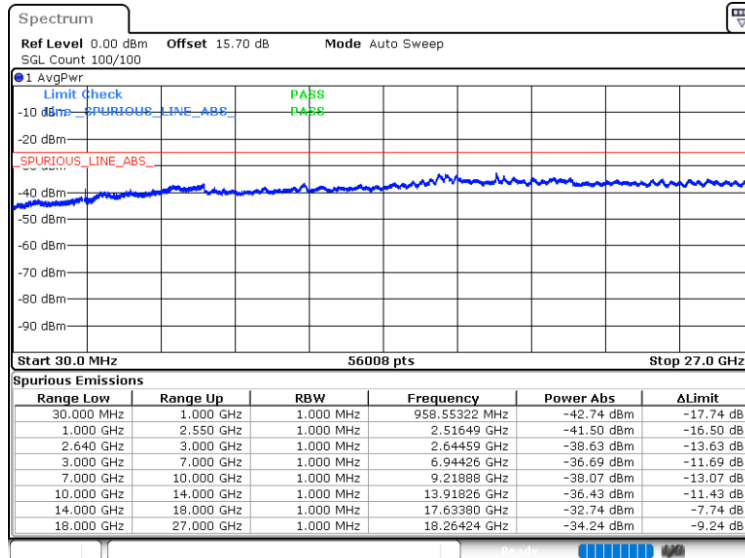
Date: 31.MAY.2022 19:36:32

Middle Channel / QPSK



Date: 31.MAY.2022 19:37:45

Highest Channel / QPSK

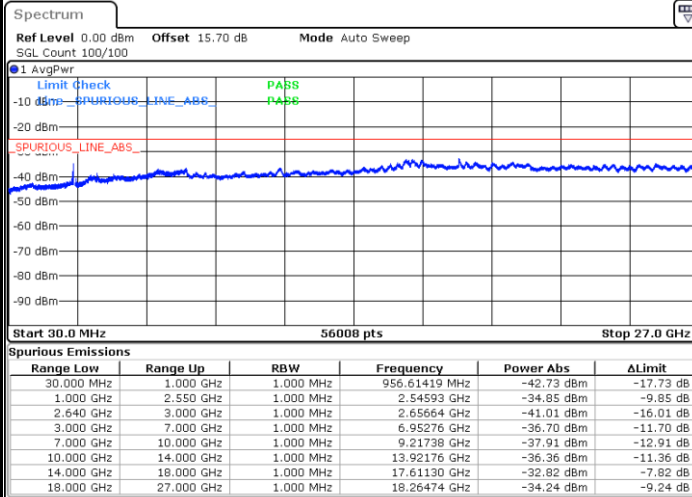


Date: 31.MAY.2022 19:38:58



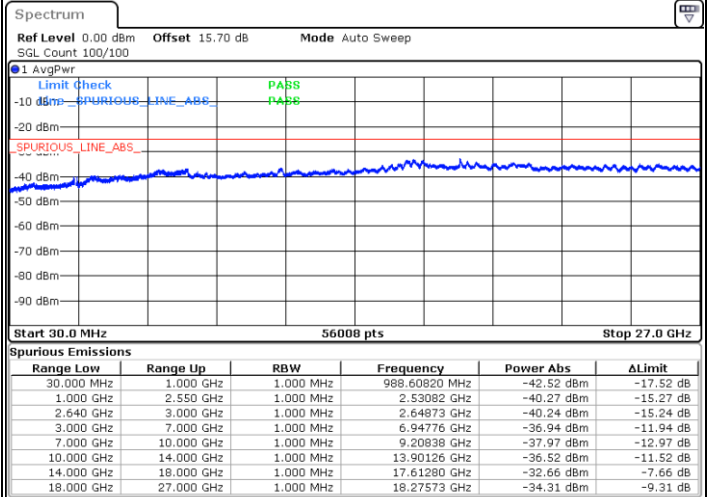
LTE Band 38 / 10MHz

Lowest Channel / QPSK



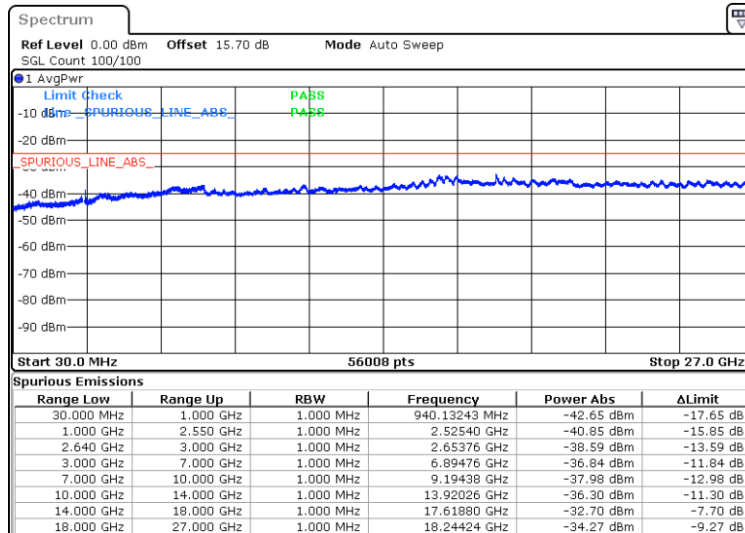
Date: 31.MAY.2022 19:40:12

Middle Channel / QPSK



Date: 31.MAY.2022 19:41:25

Highest Channel / QPSK

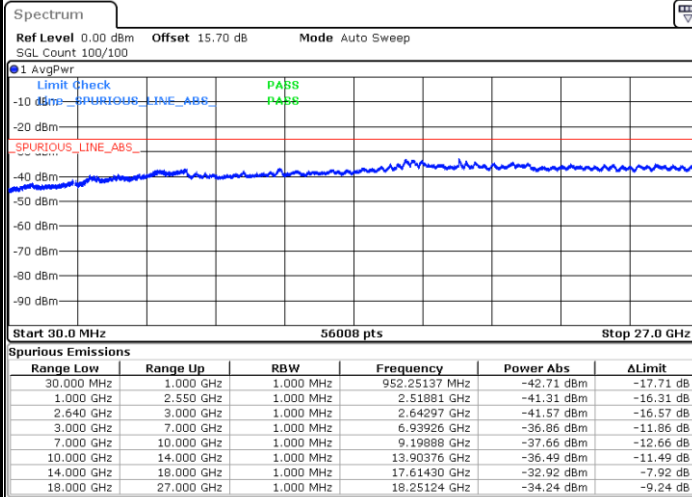


Date: 31.MAY.2022 19:42:38



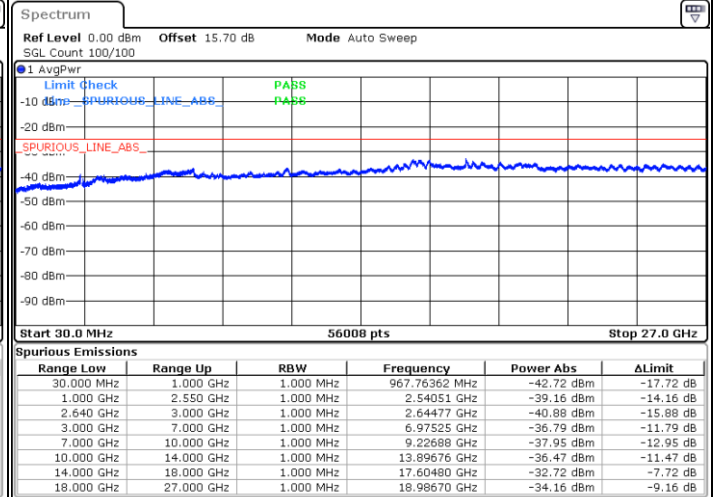
LTE Band 38 / 15MHz

Lowest Channel / QPSK



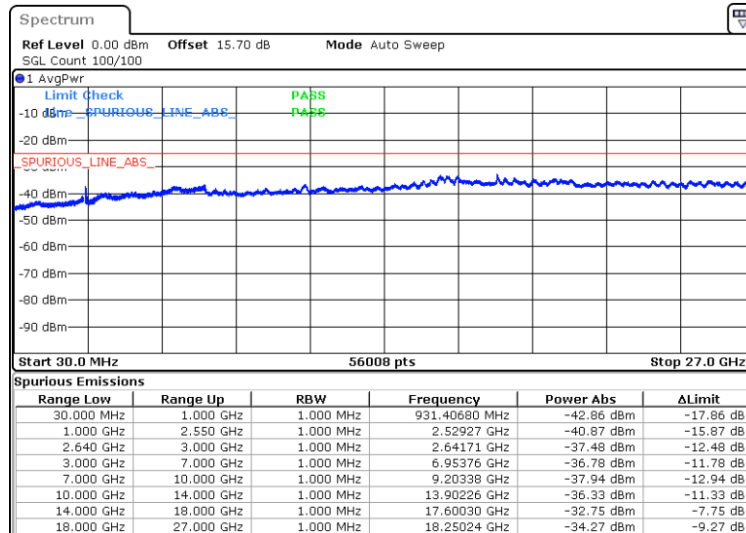
Date: 31.MAY.2022 19:43:52

Middle Channel / QPSK



Date: 31.MAY.2022 19:45:05

Highest Channel / QPSK

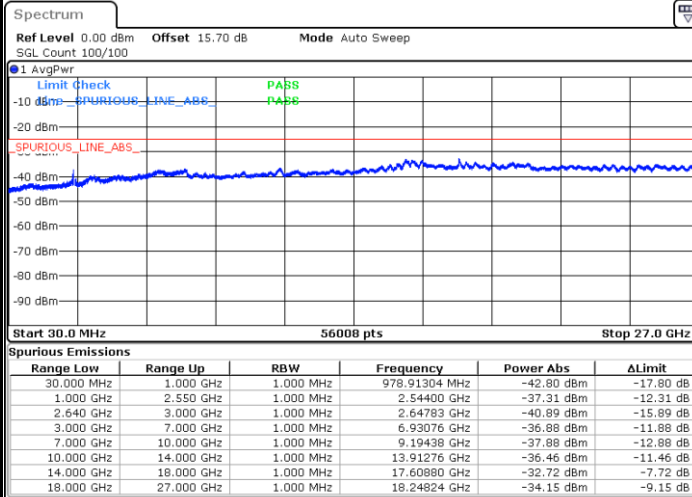


Date: 31.MAY.2022 19:46:18



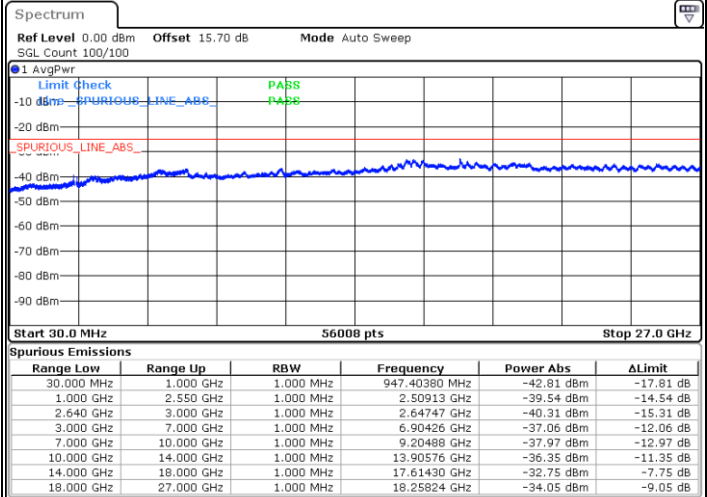
LTE Band 38 / 20MHz

Lowest Channel / QPSK



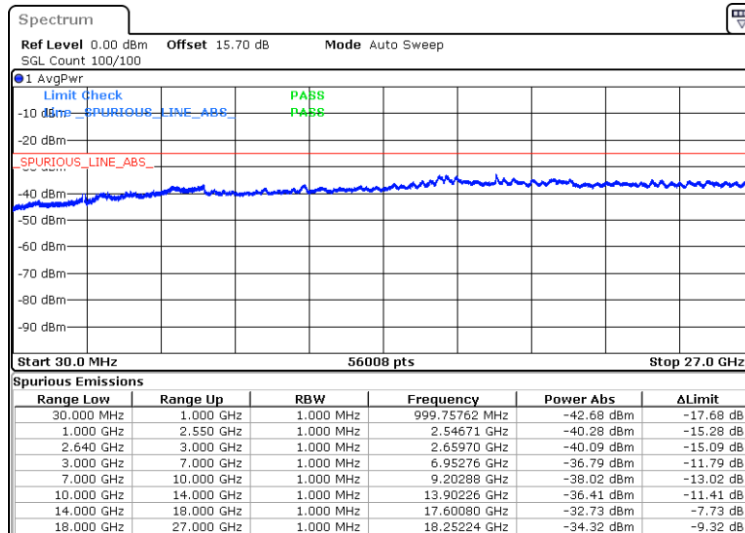
Date: 31.MAY.2022 19:47:32

Middle Channel / QPSK



Date: 31.MAY.2022 19:48:45

Highest Channel / QPSK



Date: 31.MAY.2022 19:49:58

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0056	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0028	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0049	

Note:

1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38C

26dB Bandwidth

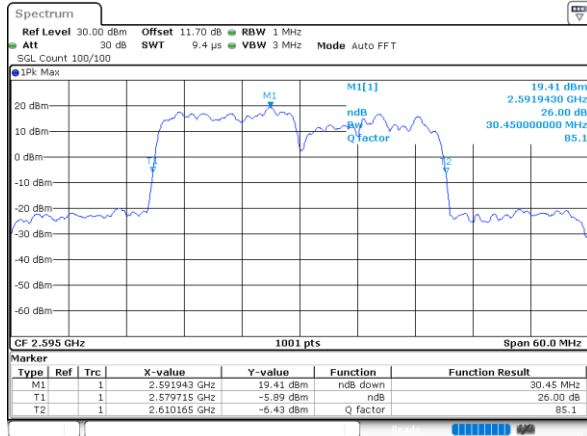
Mode	LTE Band 38C : 26dB BW(MHz)			
	QPSK	16QAM	64QAM	256QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Middle CH	30.45	30.63	30.63	30.57
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Middle CH	39.80	39.80	39.80	39.88



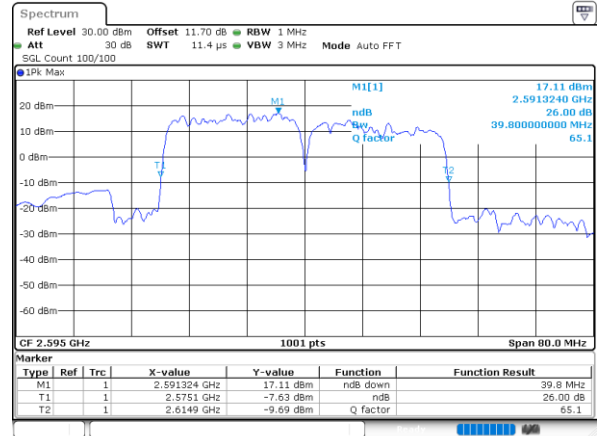
LTE Band 38C

QPSK

Middle Channel / 15MHz+15MHz

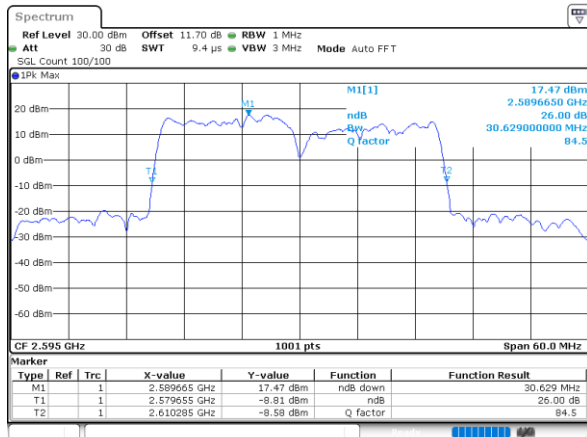


Middle Channel / 20MHz+20MHz

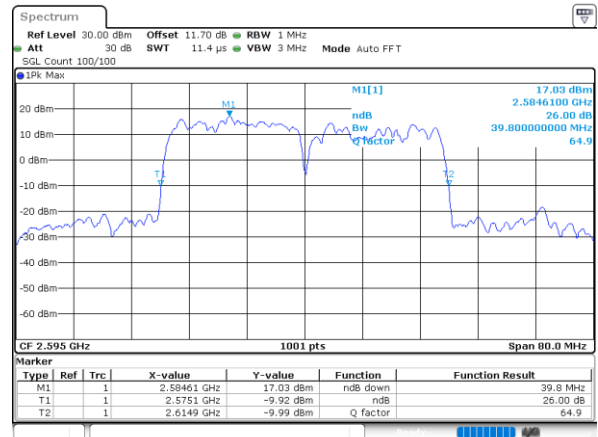


16QAM

Middle Channel / 15MHz+15MHz



Middle Channel / 20MHz+20MHz

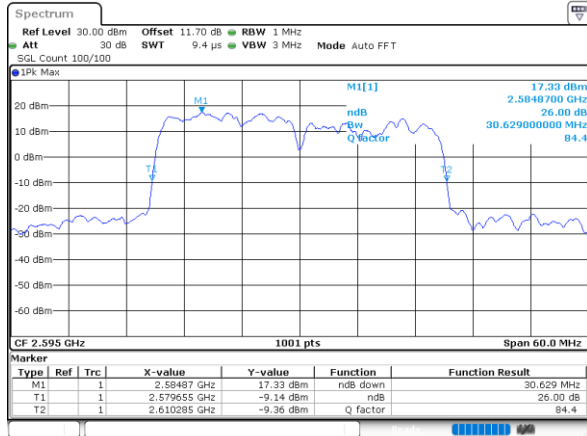




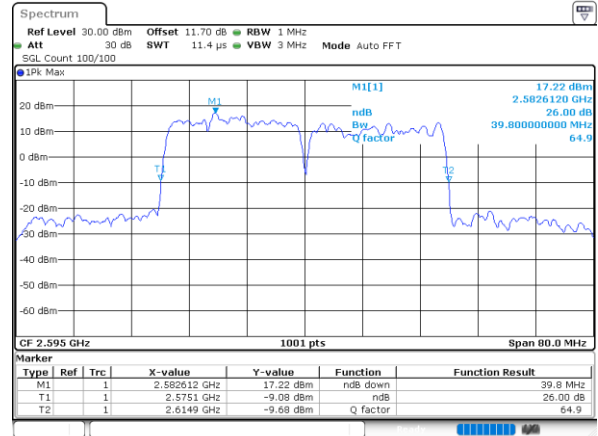
LTE Band 38C

64QAM

Middle Channel / 15MHz+15MHz

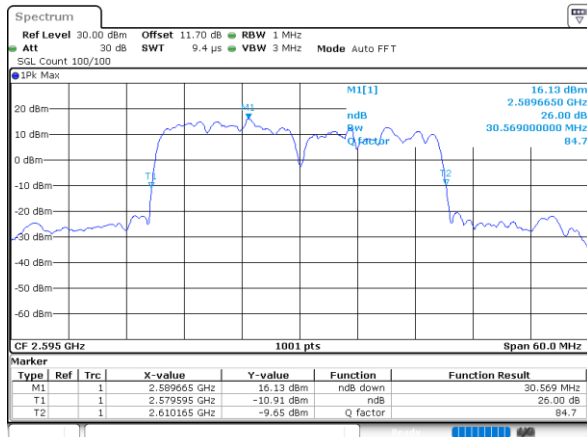


Middle Channel / 20MHz+20MHz

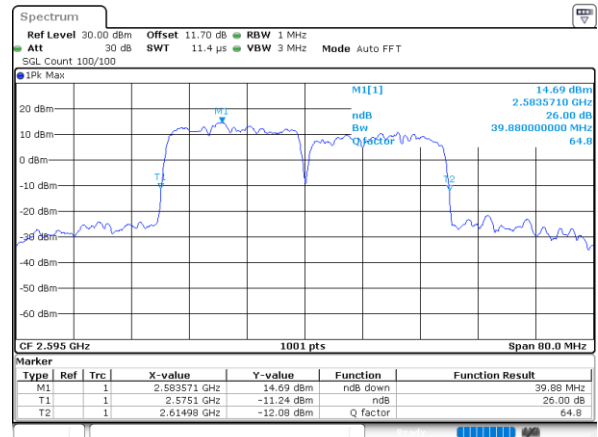


256QAM

Middle Channel / 15MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

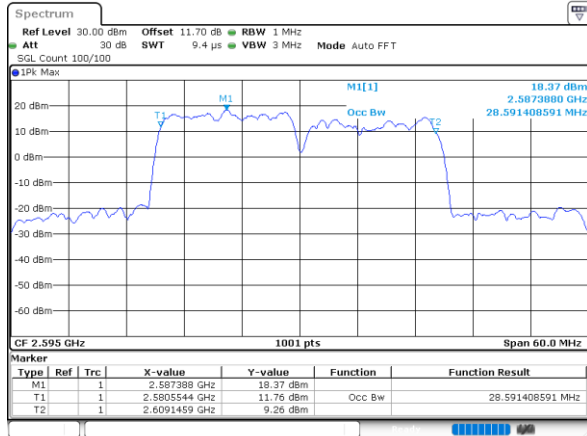
Mode	LTE Band 38C : 99%OBW(MHz)			
	QPSK	16QAM	64QAM	256QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Middle CH	28.59	28.47	28.35	28.47
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Middle CH	37.40	37.64	37.56	37.56



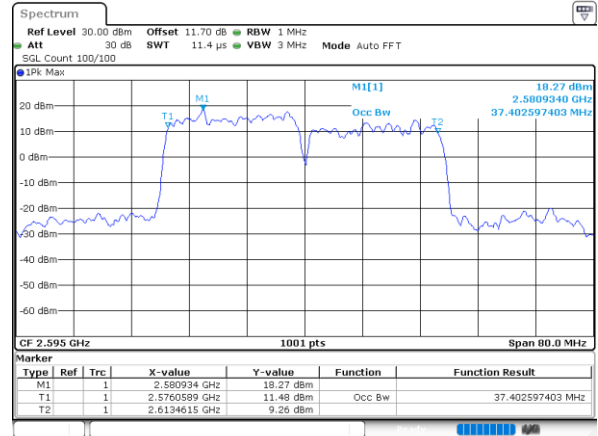
LTE Band 38C

QPSK

Middle Channel / 15MHz+15MHz

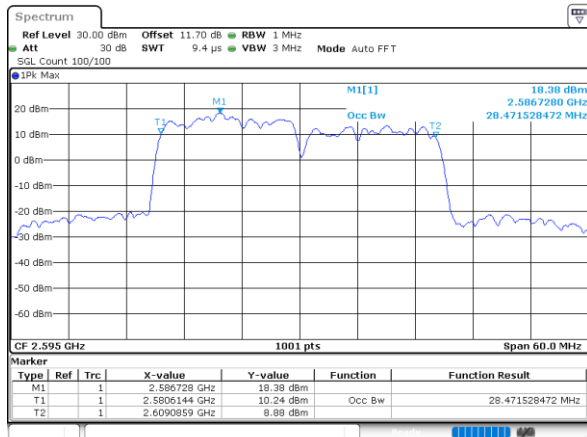


Middle Channel / 20MHz+20MHz

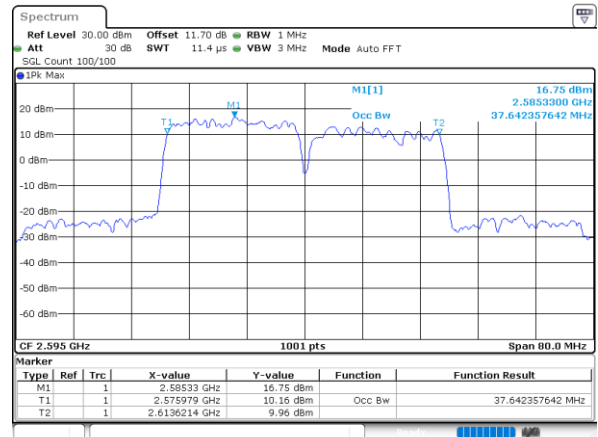


16QAM

Middle Channel / 15MHz+15MHz



Middle Channel / 20MHz+20MHz

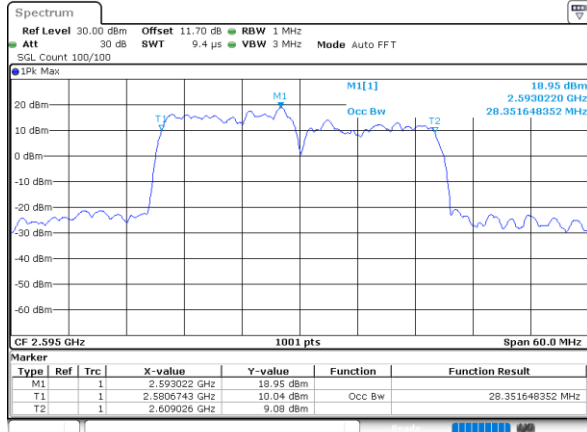




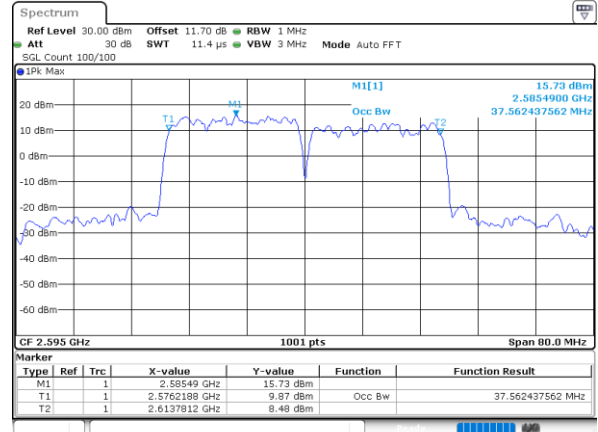
LTE Band 38C

64QAM

Middle Channel / 15MHz+15MHz

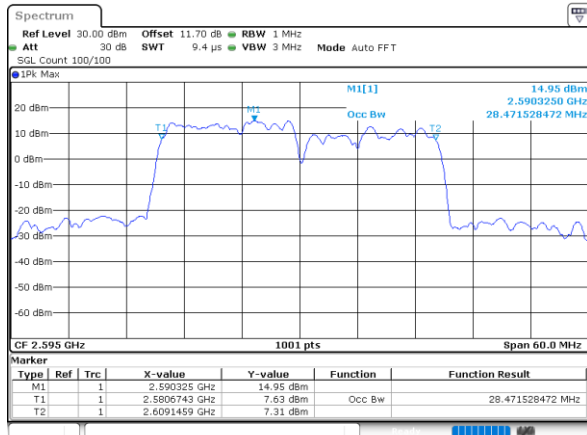


Middle Channel / 20MHz+20MHz

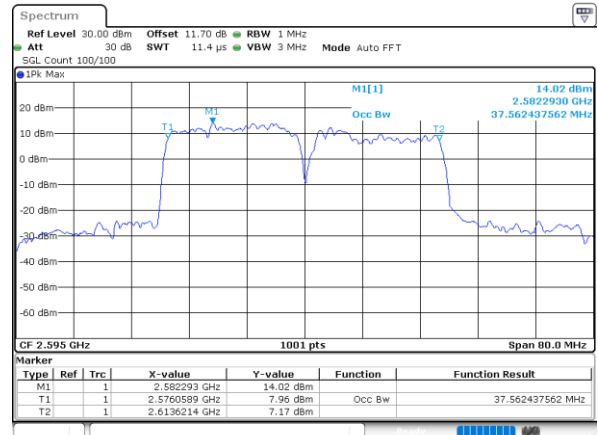


256QAM

Middle Channel / 15MHz+15MHz



Middle Channel / 20MHz+20MHz



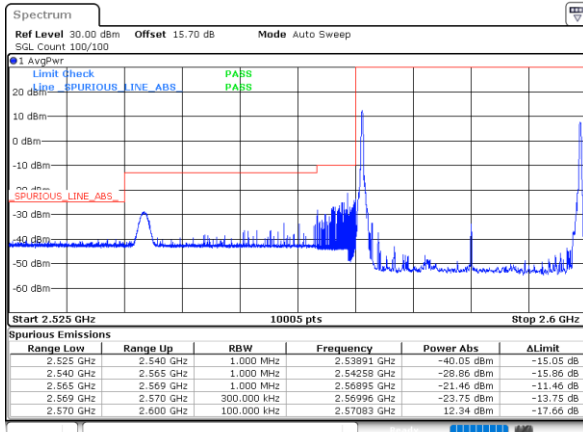


Conducted Band Edge

LTE Band 38C / 15MHz+15MHz

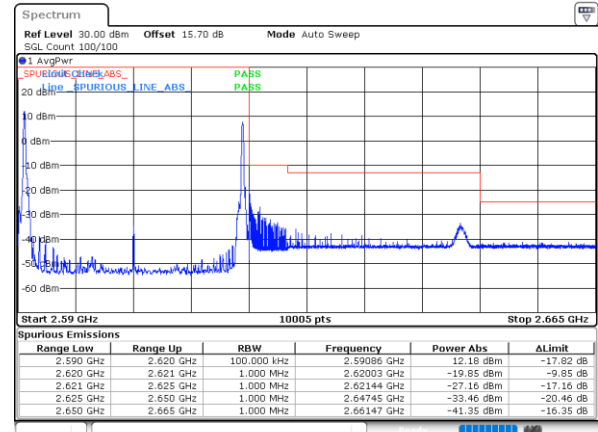
QPSK

Lowest Band Edge / 1RB0 and 1RB74



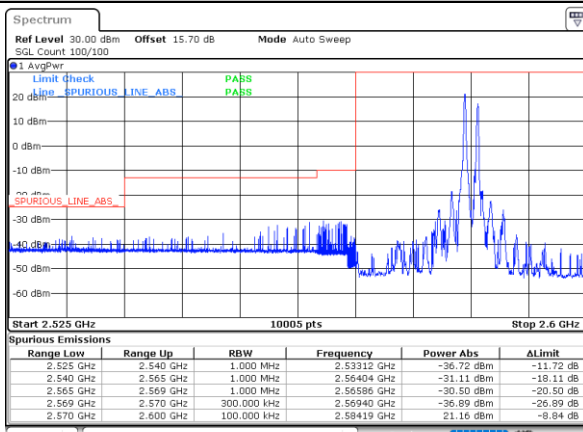
Date: 13.MAY.2022 22:09:51

Highest Band Edge / 1RB0 and 1RB74



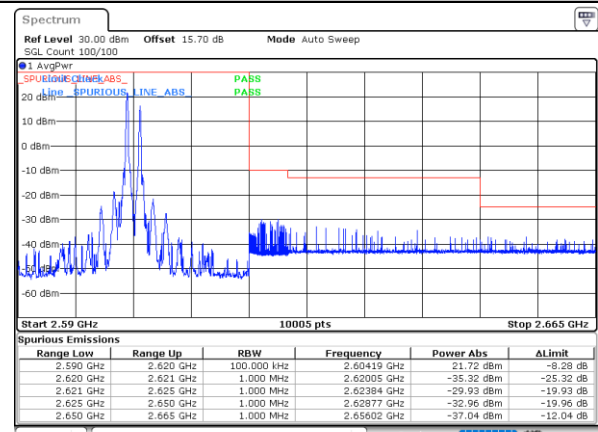
Date: 13.MAY.2022 21:14:09

Lowest Band Edge / 1RB74 and 1RB0



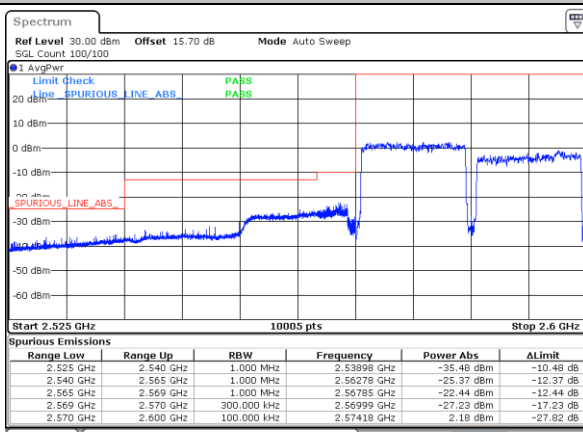
Date: 13.MAY.2022 22:14:58

Highest Band Edge / 1RB74 and 1RB0



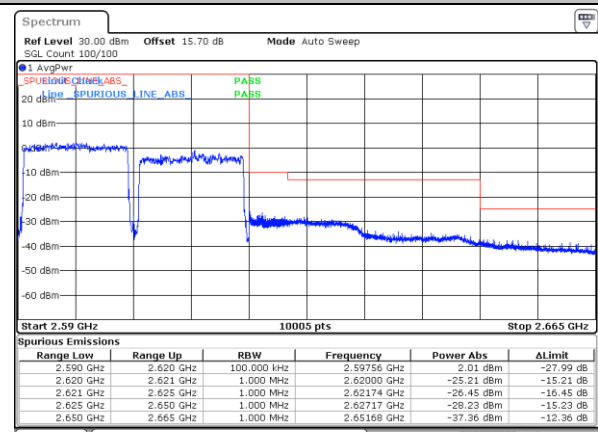
Date: 13.MAY.2022 21:54:14

Lowest Band Edge / Full RB



Date: 13.MAY.2022 22:04:43

Highest Band Edge / Full RB



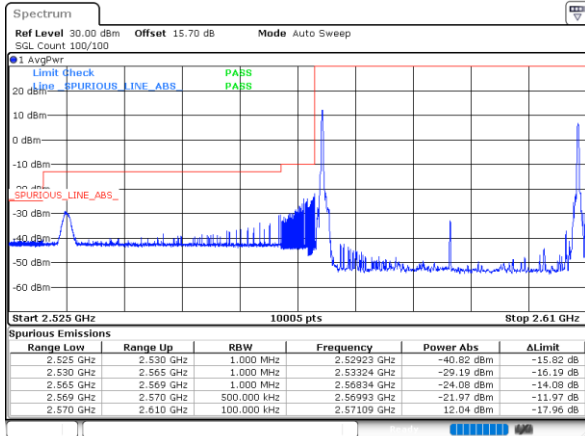
Date: 13.MAY.2022 21:14:03



LTE Band 38C / 20MHz+20MHz

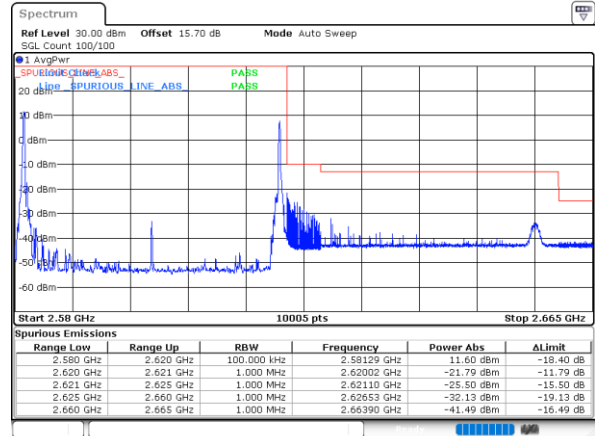
QPSK

Lowest Band Edge / 1RB0 and 1RB99



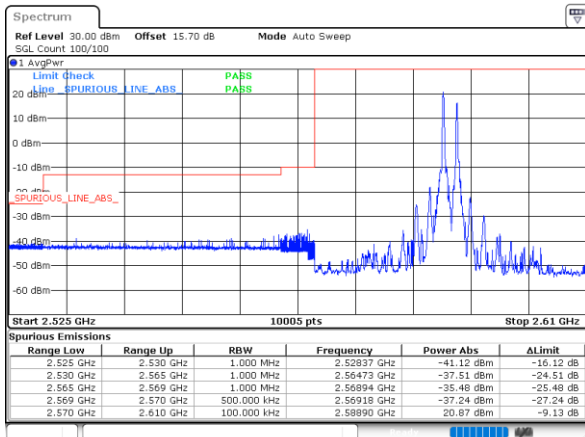
Date: 13.MAY.2022 22:48:35

Highest Band Edge / 1RB0 and 1RB99



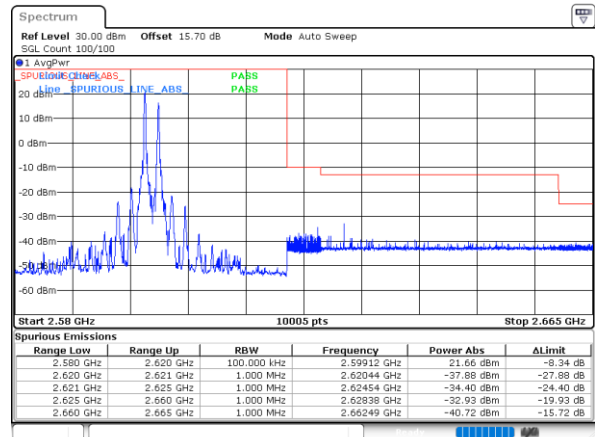
Date: 13.MAY.2022 22:12:52

Lowest Band Edge / 1RB99 and 1RB0



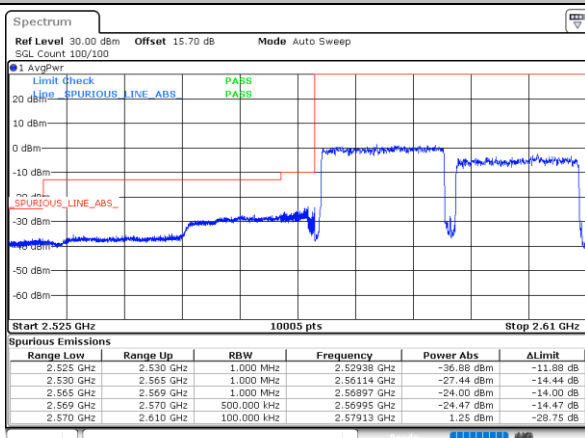
Date: 13.MAY.2022 22:53:41

Highest Band Edge / 1RB99 and 1RB0



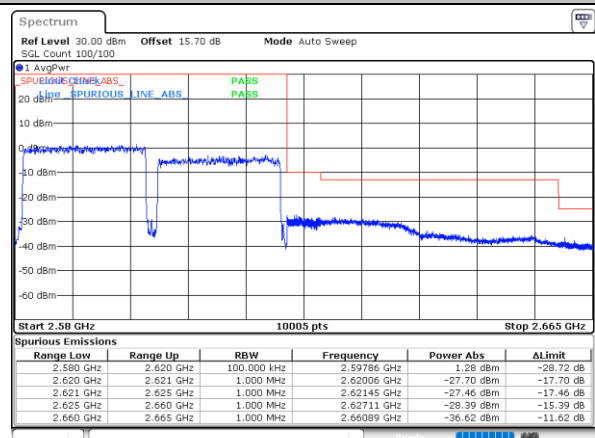
Date: 13.MAY.2022 22:32:58

Lowest Band Edge / Full RB



Date: 13.MAY.2022 22:43:27

Highest Band Edge / Full RB



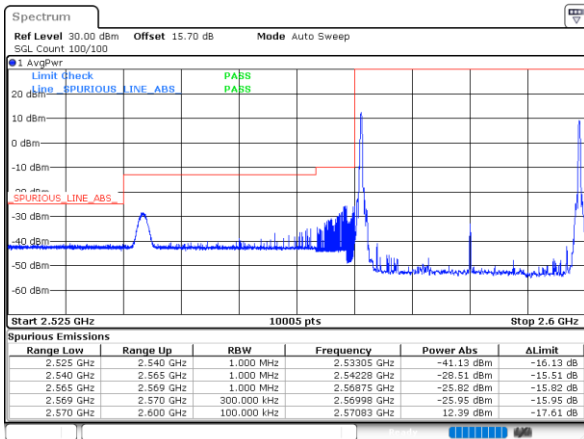
Date: 13.MAY.2022 22:22:47



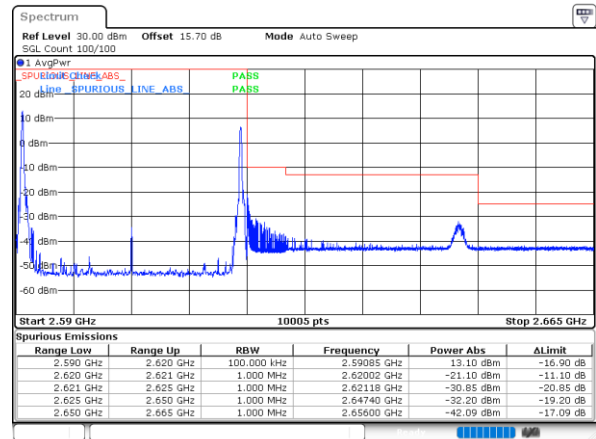
LTE Band 38C / 15MHz+15MHz

16QAM

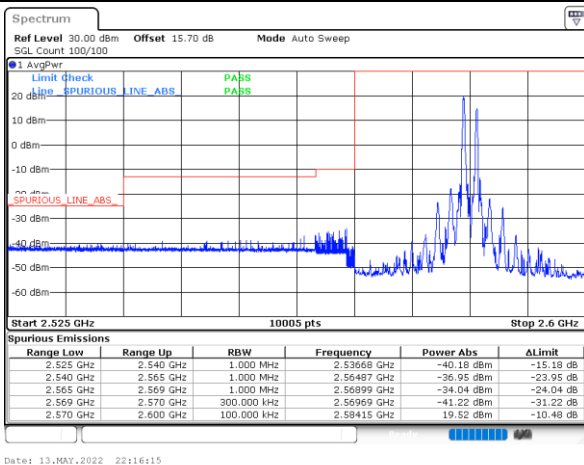
Lowest Band Edge / 1RB0 and 1RB74



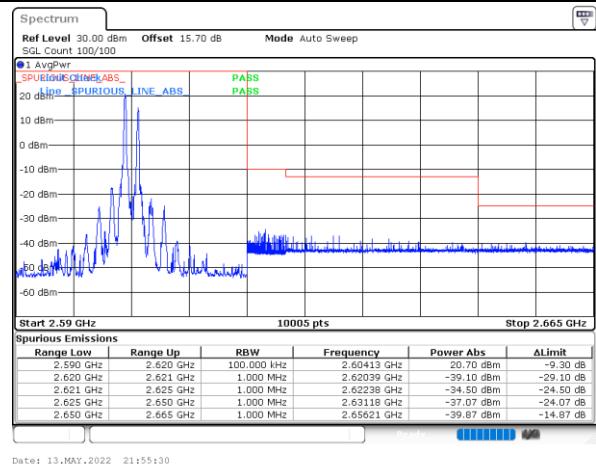
Highest Band Edge / 1RB0 and 1RB74



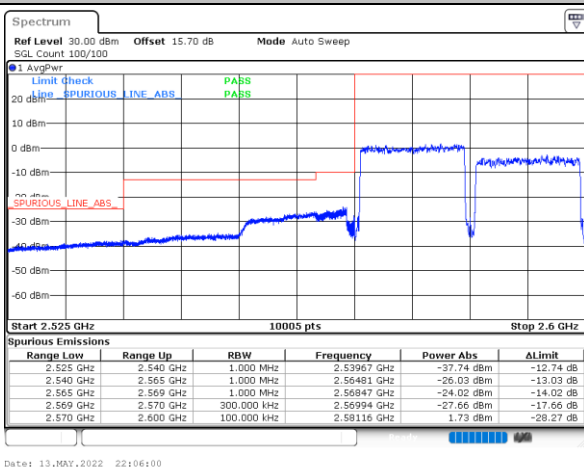
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

