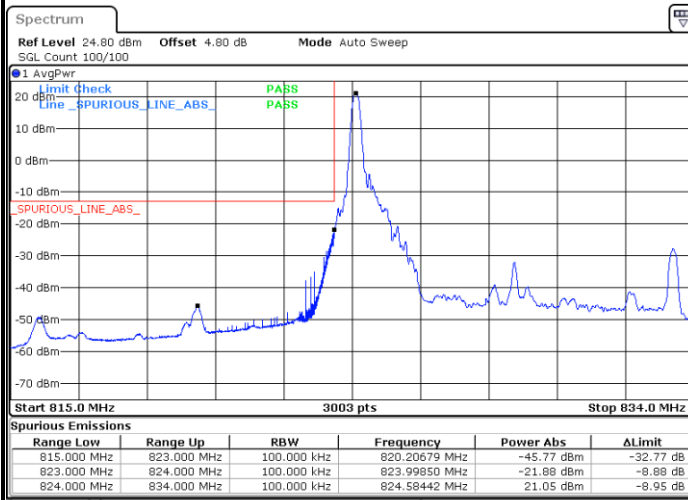


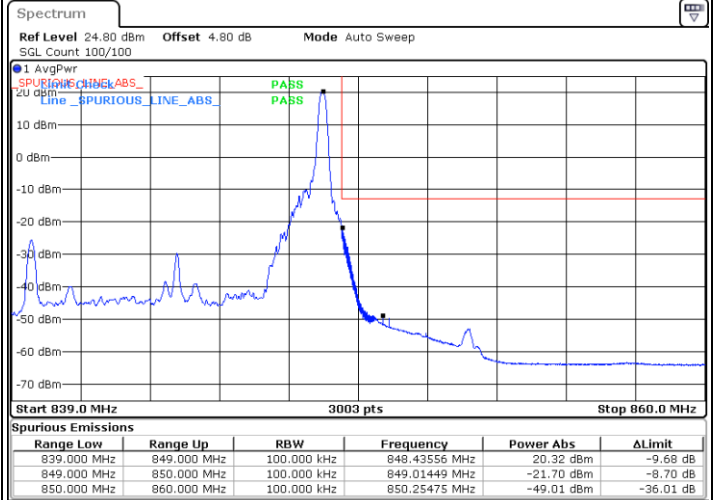


LTE Band 26 / 10MHz / QPSK

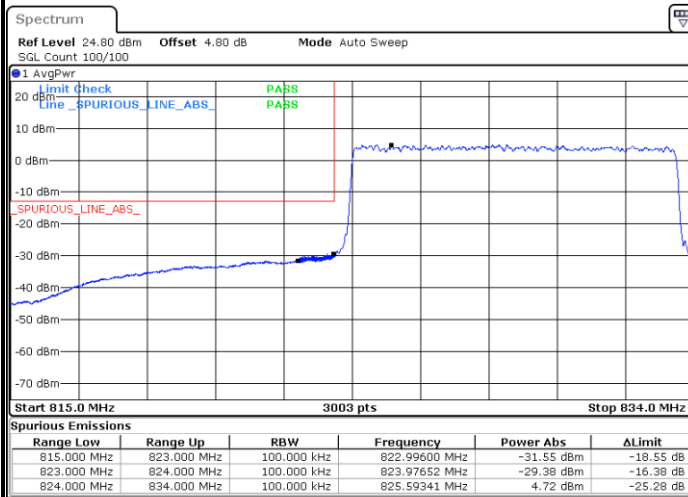
Lowest Band Edge / 1 RB



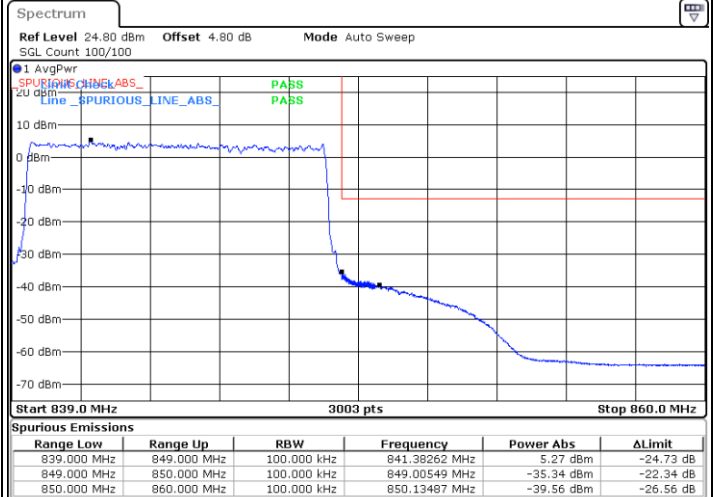
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



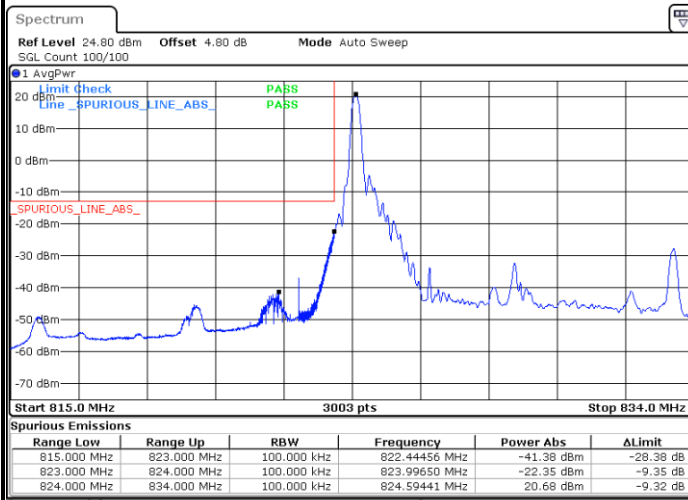
Highest Band Edge / Full RB



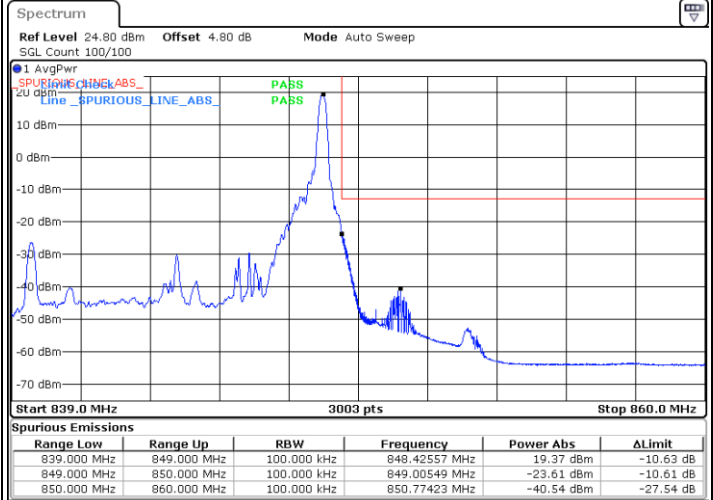


LTE Band 26 / 10MHz / 16QAM

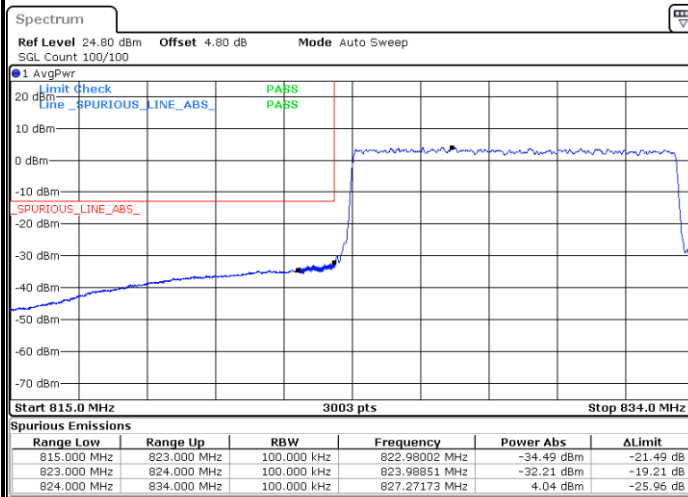
Lowest Band Edge / 1 RB



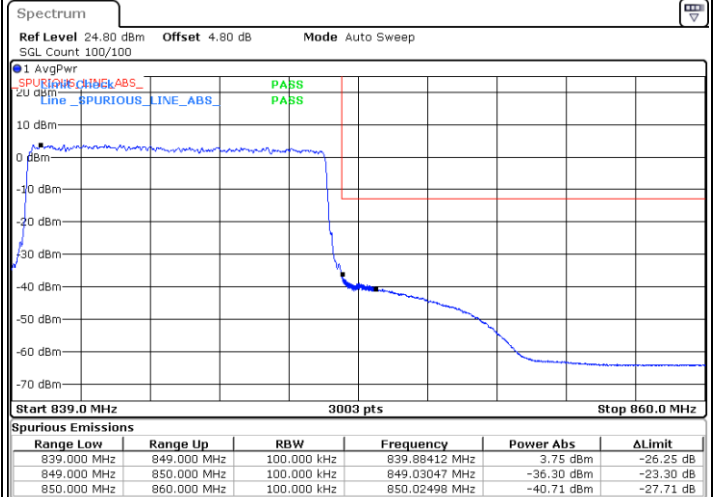
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



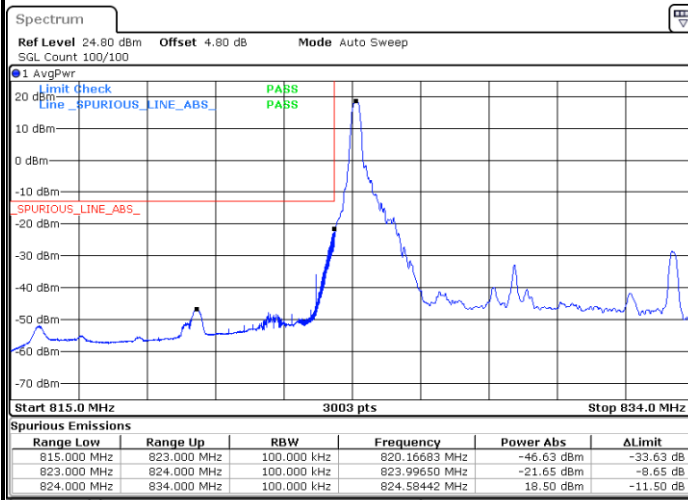
Highest Band Edge / Full RB



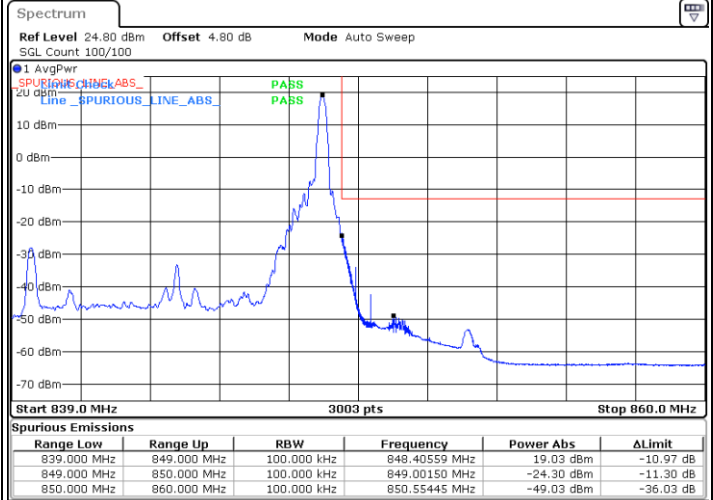


LTE Band 26 / 10MHz / 64QAM

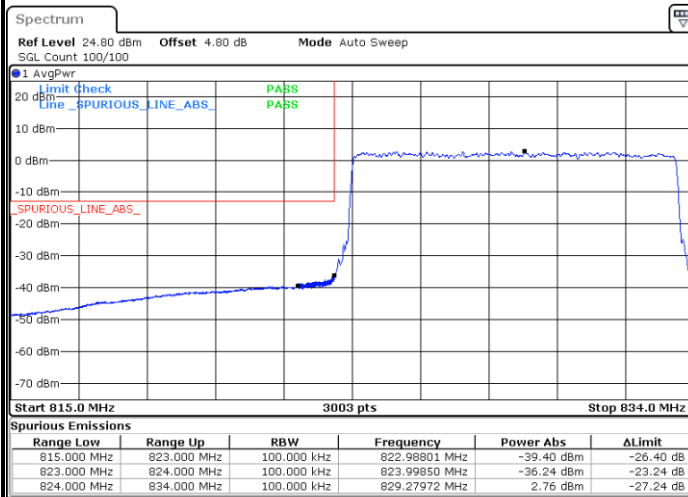
Lowest Band Edge / 1 RB



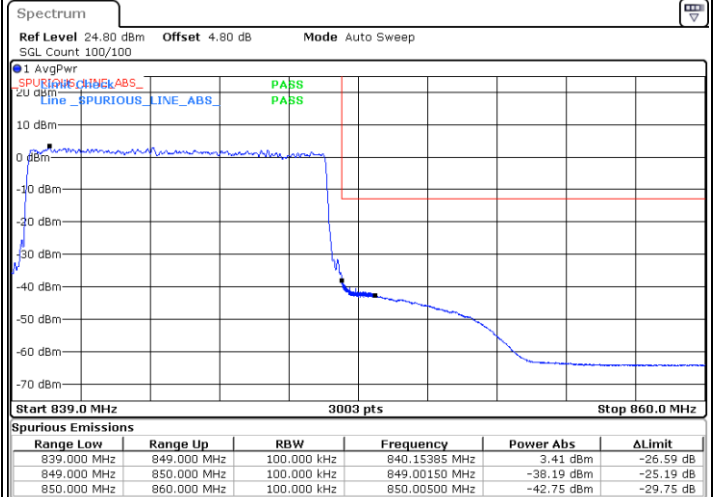
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



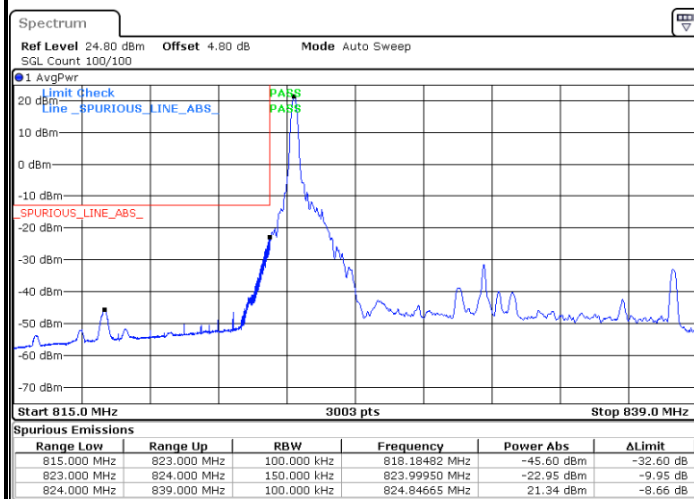
Highest Band Edge / Full RB



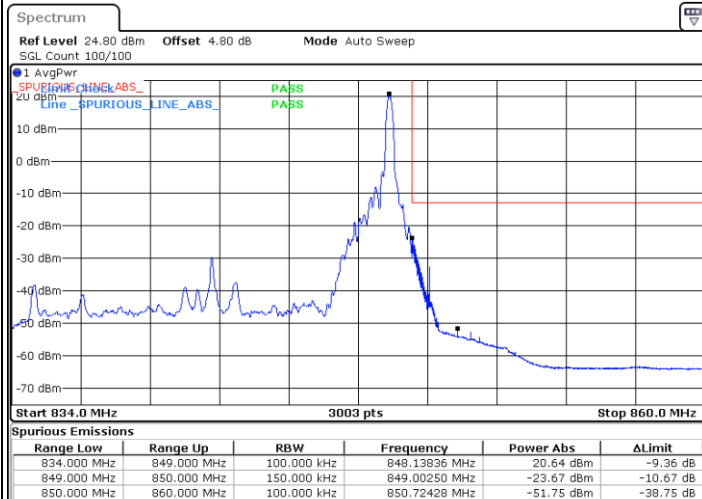


LTE Band 26 / 15MHz / QPSK

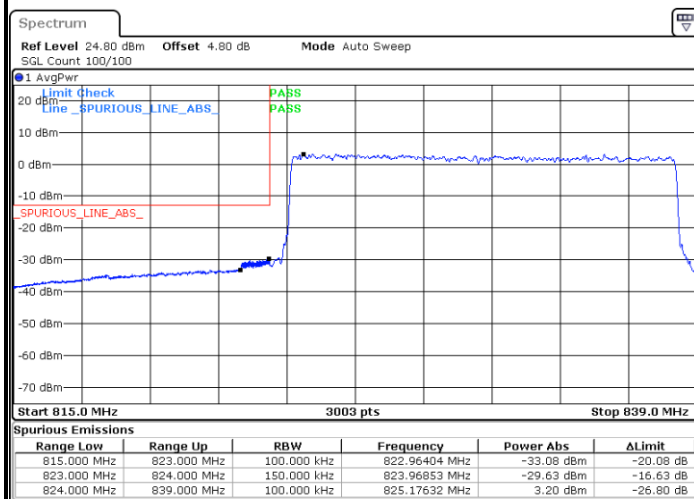
Lowest Band Edge / 1 RB



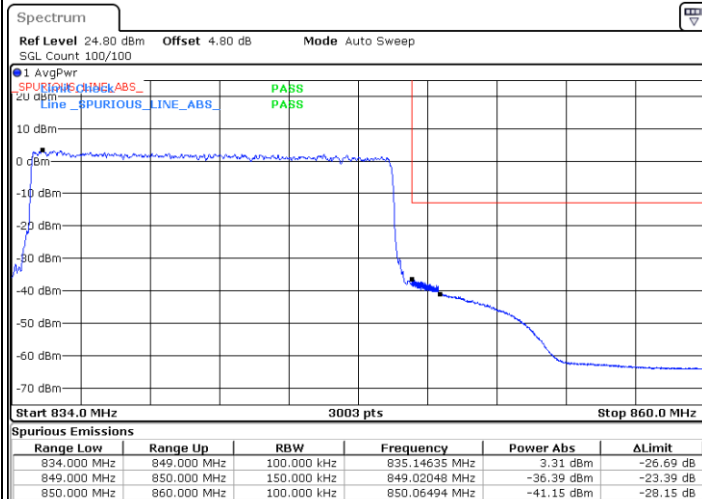
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



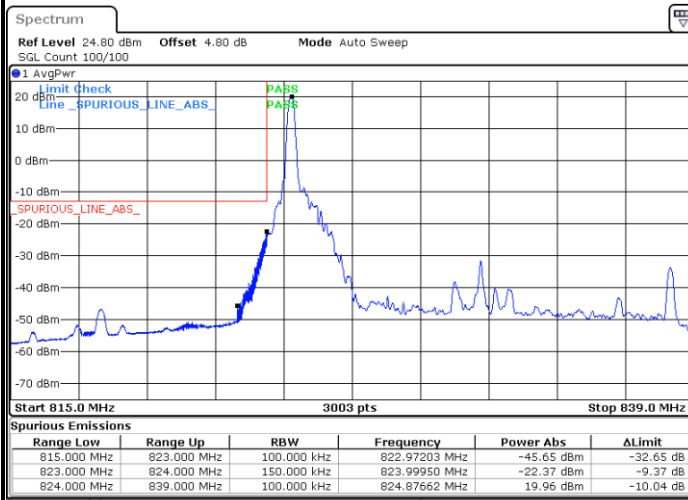
Highest Band Edge / Full RB



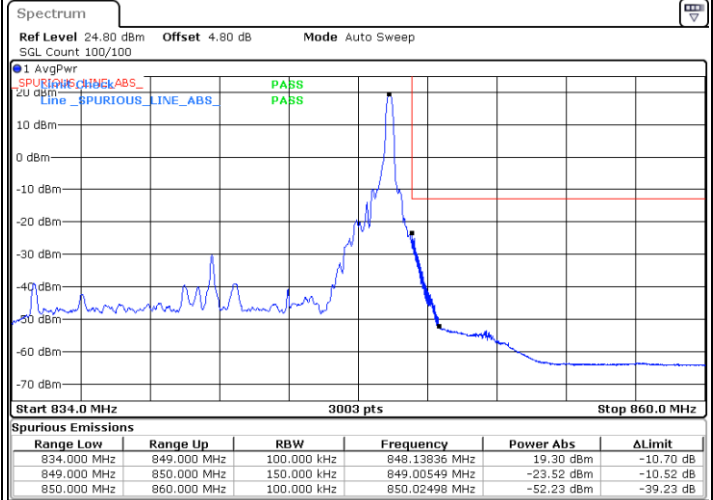


LTE Band 26 / 15MHz / 16QAM

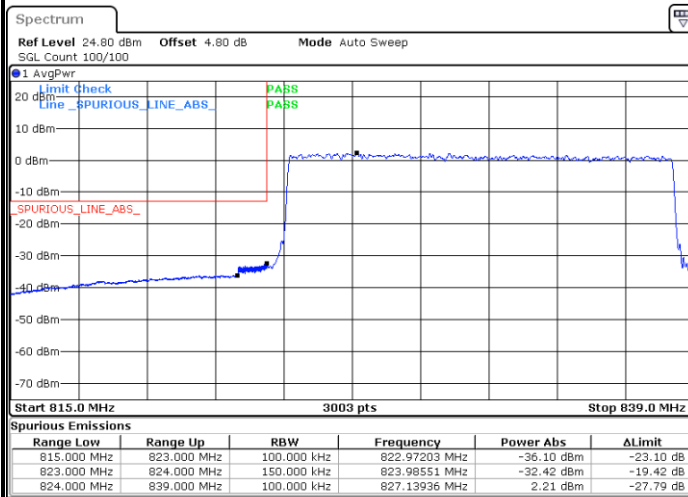
Lowest Band Edge / 1 RB



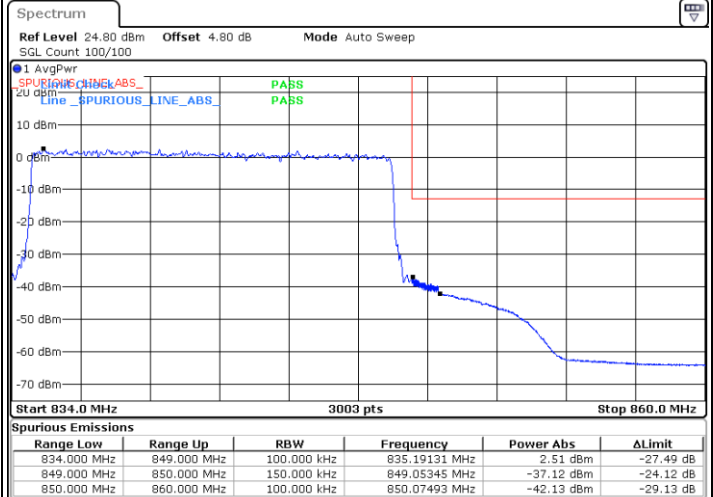
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



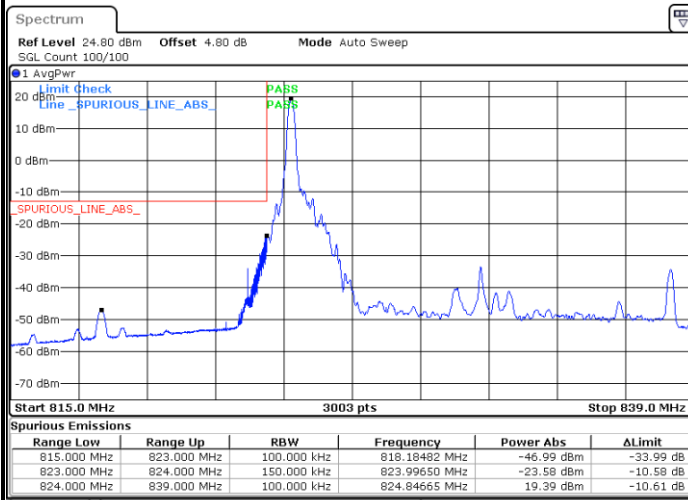
Highest Band Edge / Full RB



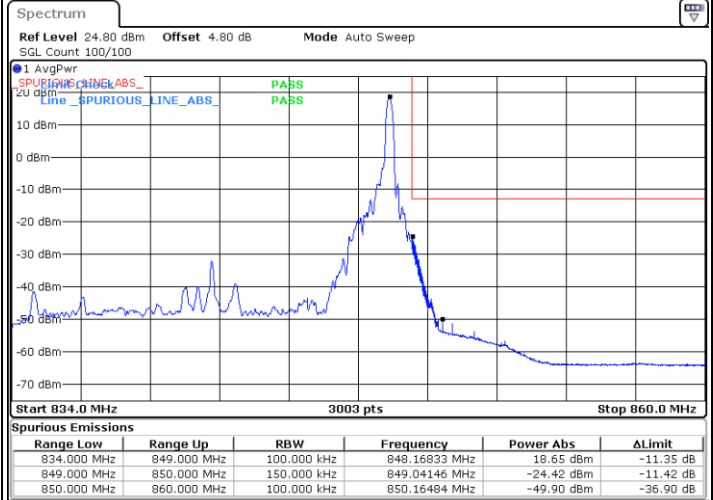


LTE Band 26 / 15MHz / 64QAM

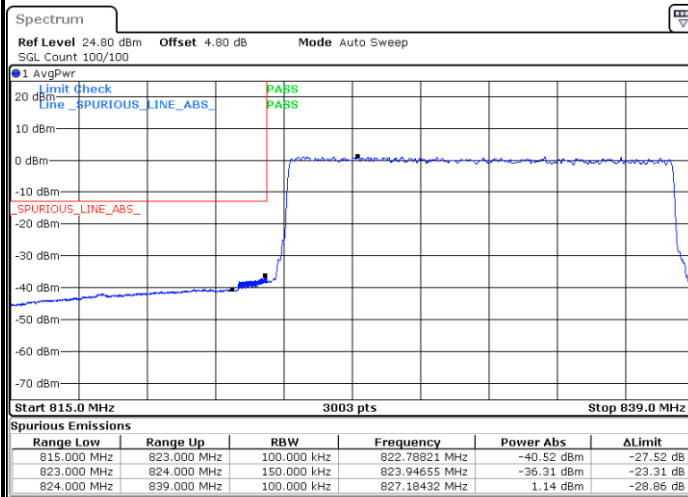
Lowest Band Edge / 1 RB



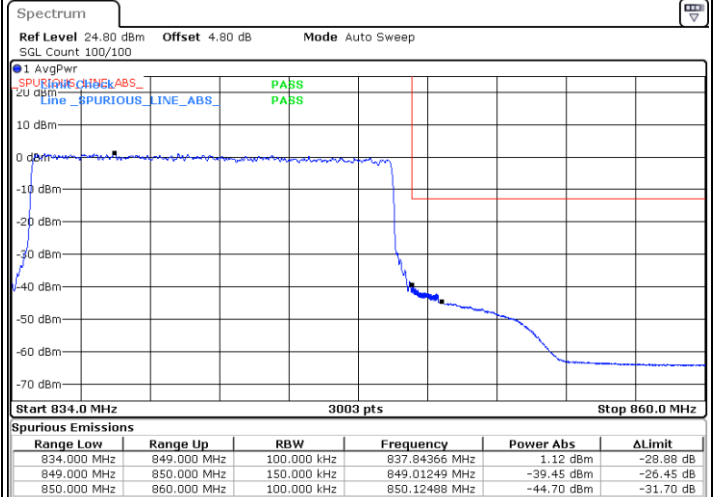
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

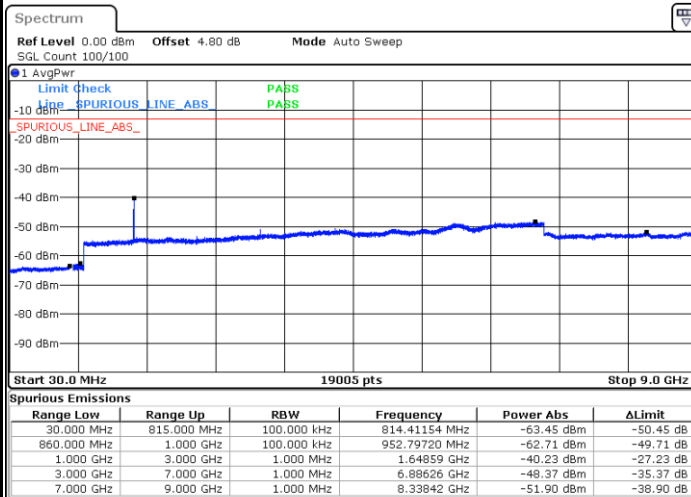




Conducted Spurious Emission

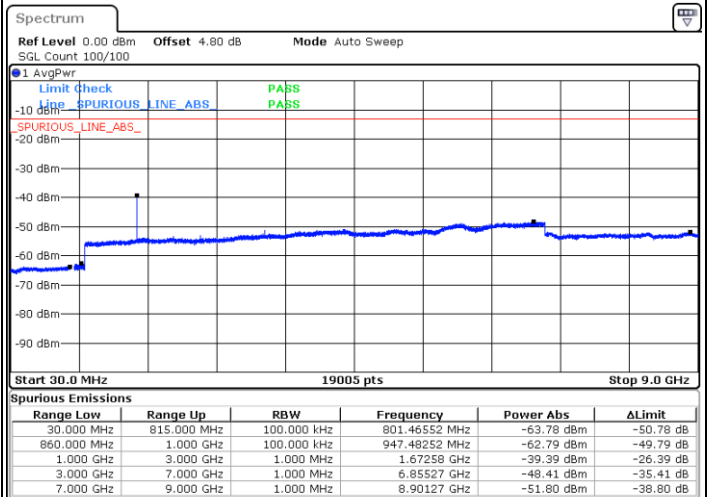
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



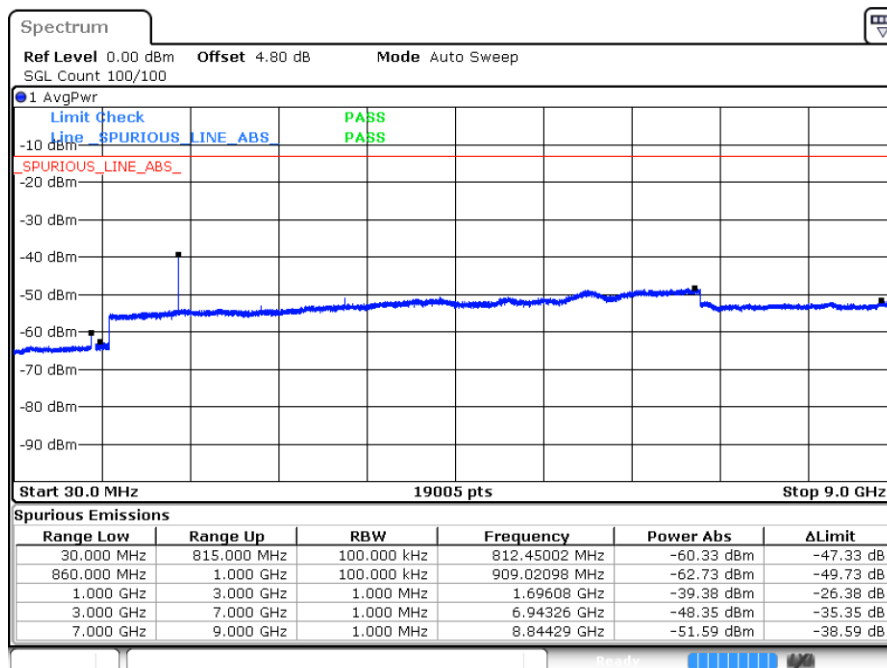
Date: 4 JUN 2022 23:01:12

Middle Channel / QPSK



Date: 4 JUN 2022 23:12:52

Highest Channel / QPSK

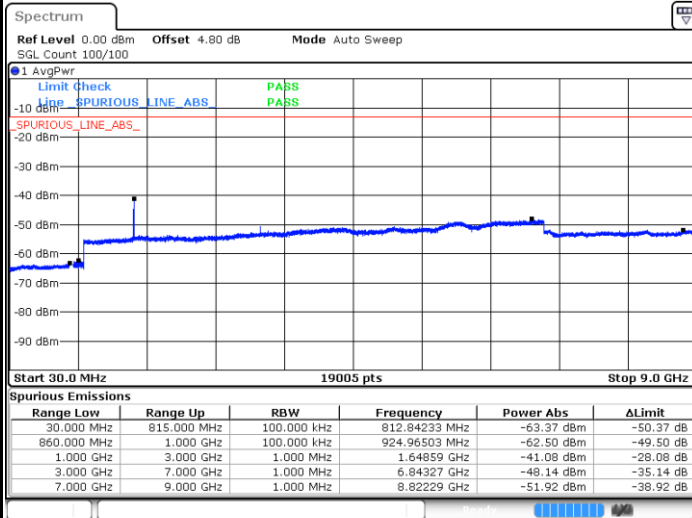


Date: 4 JUN 2022 23:14:32



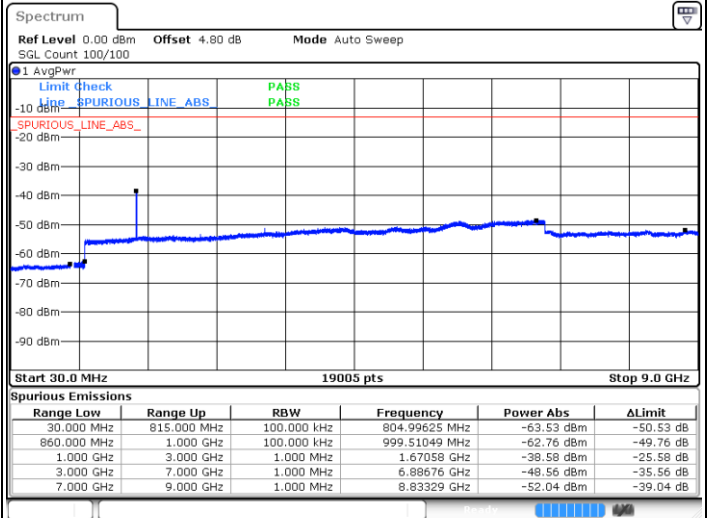
LTE Band 26 / 3MHz

Lowest Channel / QPSK



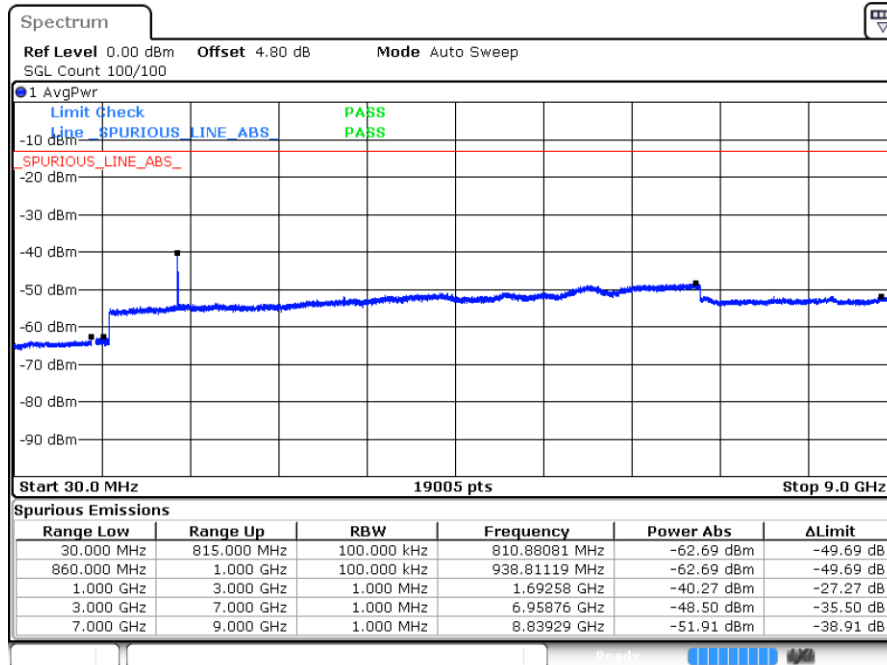
Date: 4 JUN 2022 23:26:12

Middle Channel / QPSK



Date: 4 JUN 2022 23:37:50

Highest Channel / QPSK

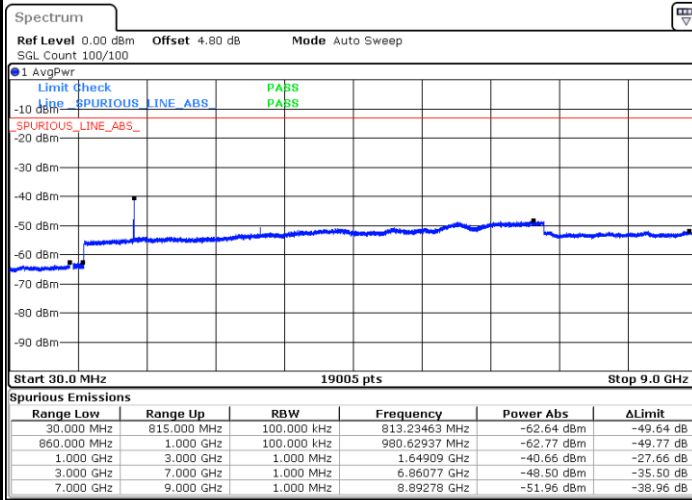


Date: 4 JUN 2022 23:39:30



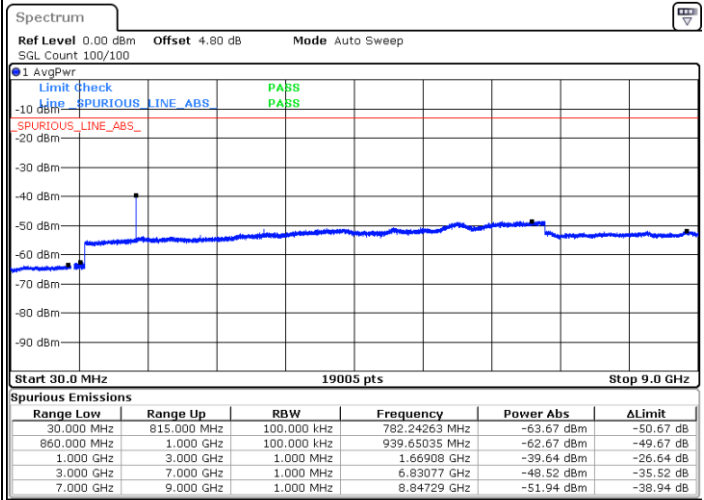
LTE Band 26 / 5MHz

Lowest Channel / QPSK



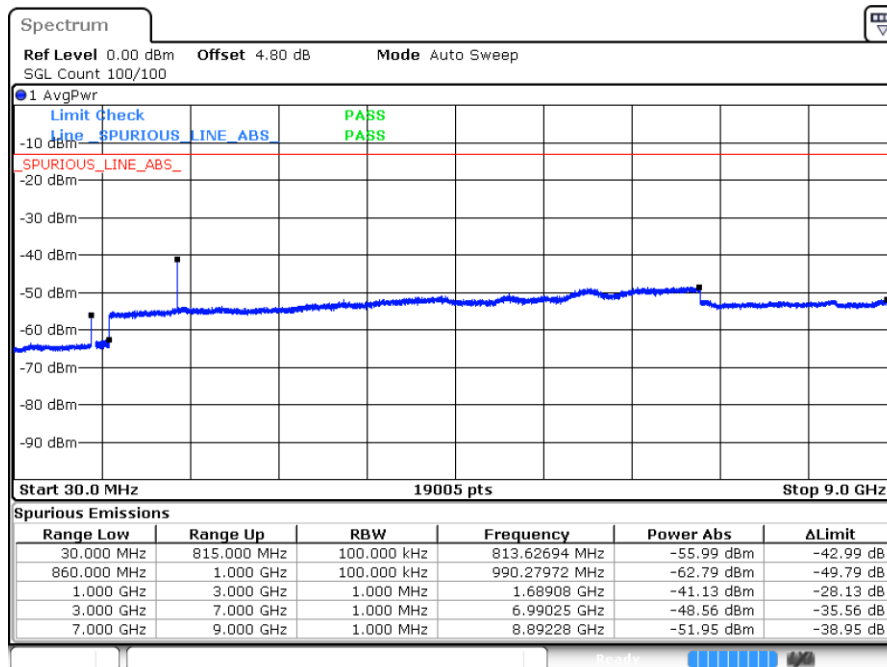
Date: 4 JUN 2022 23:51:11

Middle Channel / QPSK



Date: 5 JUN 2022 00:02:50

Highest Channel / QPSK

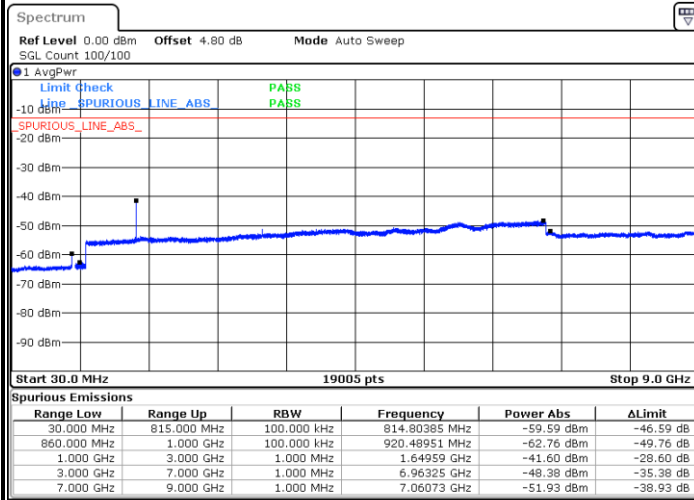


Date: 5 JUN 2022 00:04:30



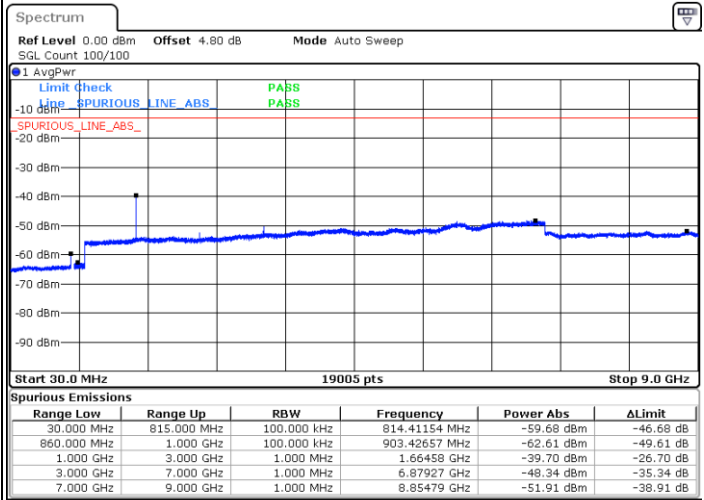
LTE Band 26 / 10MHz

Lowest Channel / QPSK



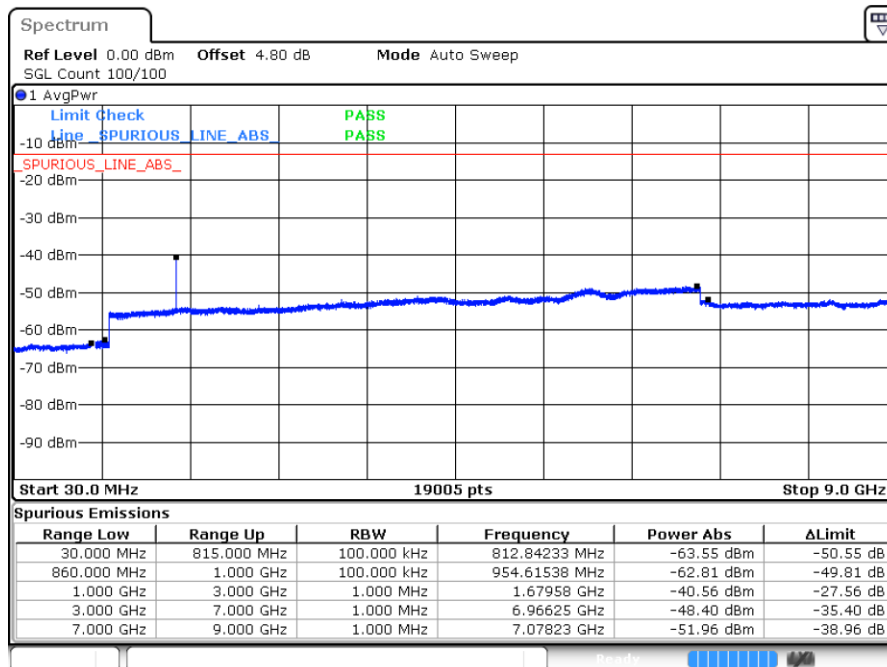
Date: 5 JUN 2022 00:16:10

Middle Channel / QPSK



Date: 5 JUN 2022 00:27:49

Highest Channel / QPSK

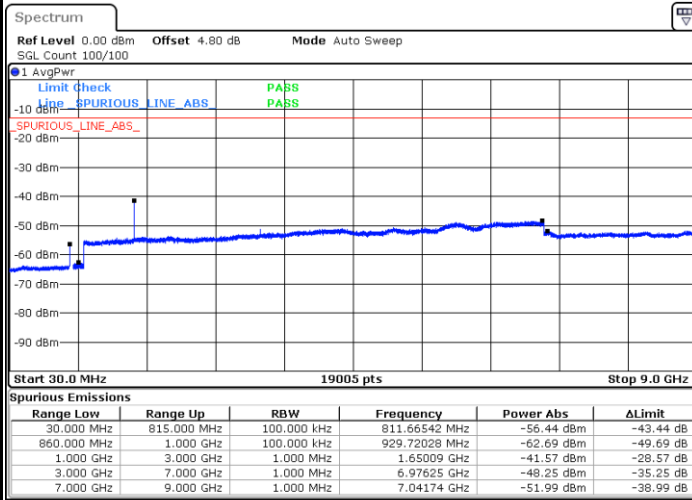


Date: 5 JUN 2022 00:29:29



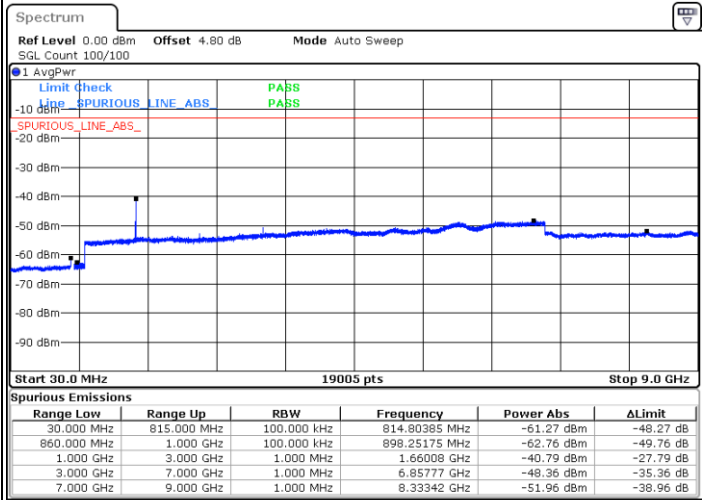
LTE Band 26 / 15MHz

Lowest Channel / QPSK



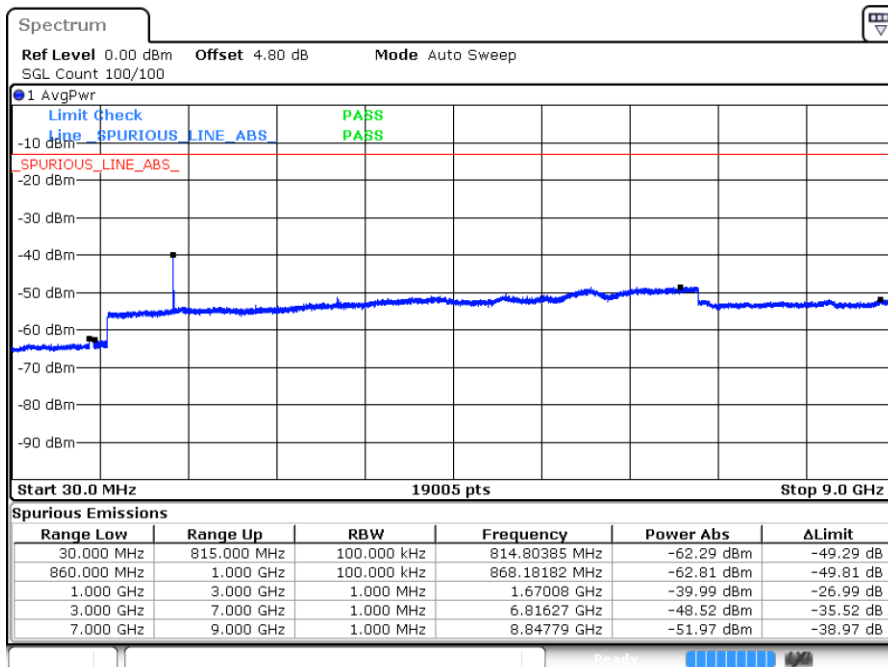
Date: 5 JUN 2022 00:41:10

Middle Channel / QPSK



Date: 5 JUN 2022 00:52:50

Highest Channel / QPSK



Date: 5 JUN 2022 00:54:31

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0165	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0136	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0136	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0048	
20	Battery End Point	0.0164	

Note:

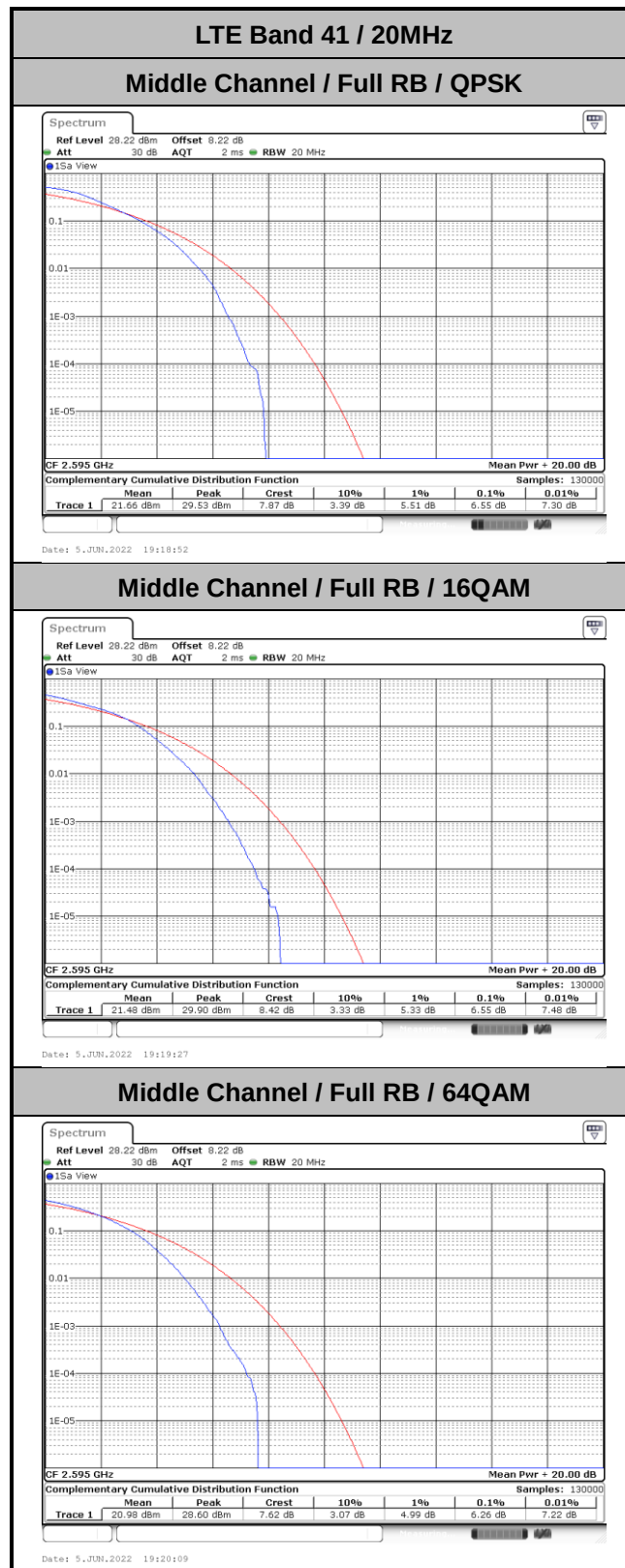
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

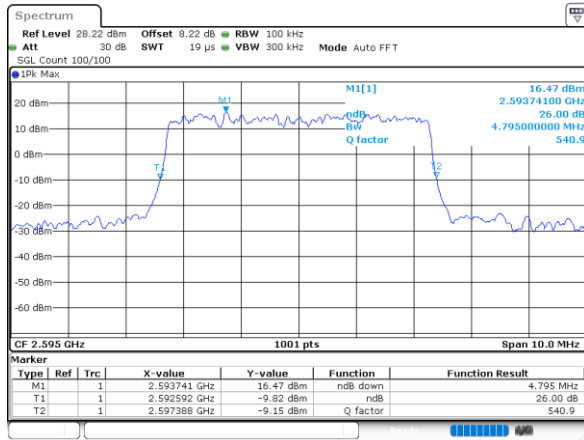
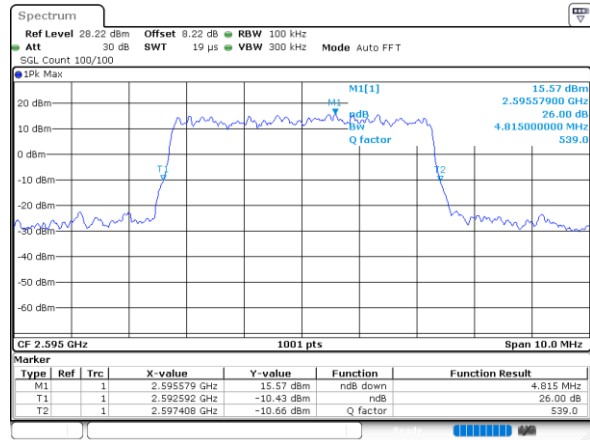
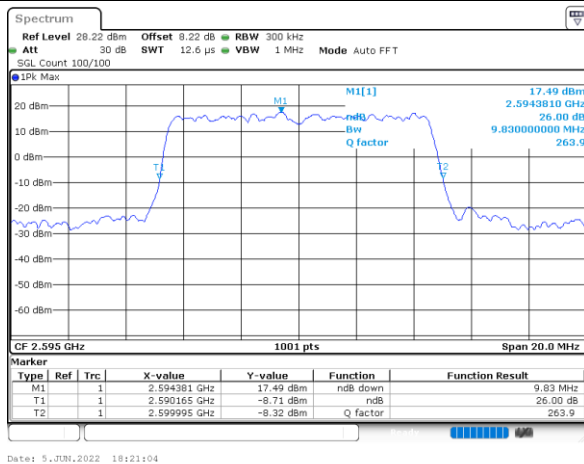
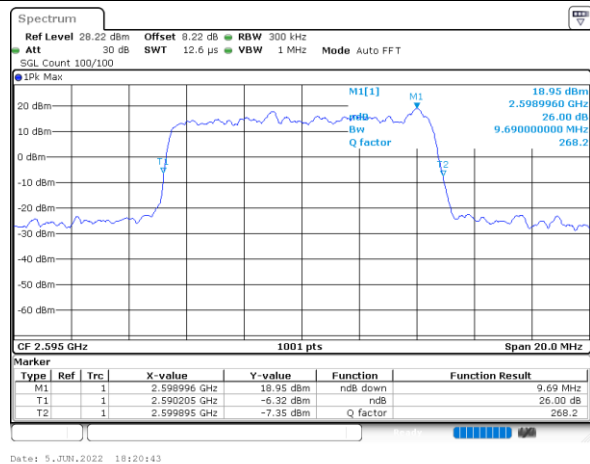
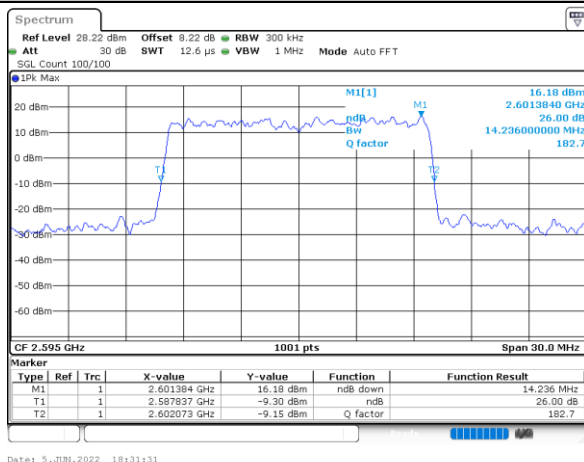
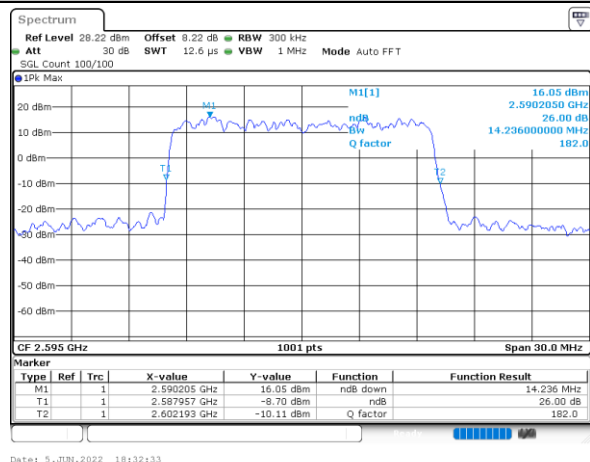
Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.55	6.55	6.26	PASS



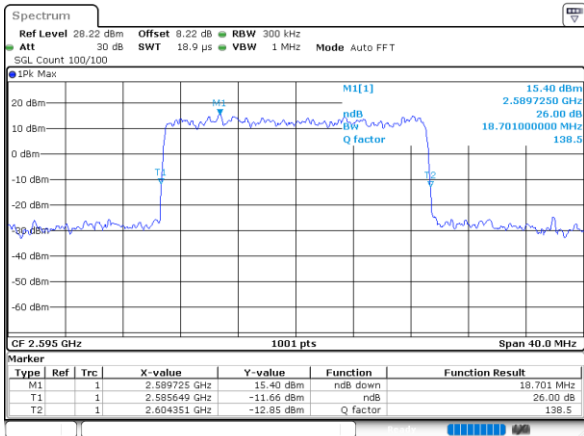
**26dB Bandwidth**

Mode	LTE Band 38 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.80	4.82
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.83	9.69
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.24	14.24
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	18.82

LTE Band 38
Middle Channel / 5MHz / QPSK

Middle Channel / 5MHz / 16QAM

Middle Channel / 10MHz / QPSK

Middle Channel / 10MHz / 16QAM

LTE Band 38
Middle Channel 15MHz / QPSK

Middle Channel / 15MHz / 16QAM


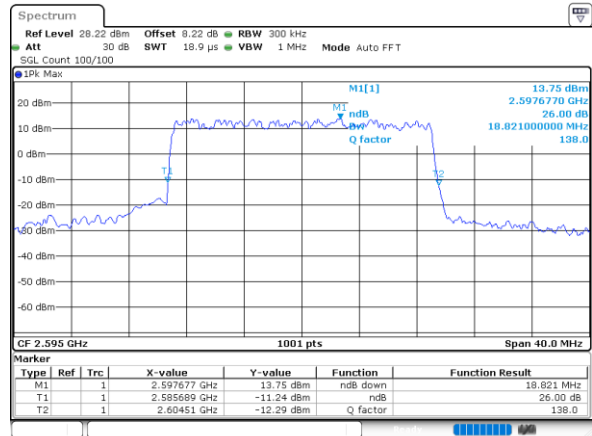


Middle Channel / 20MHz / QPSK



Date: 5.JUN.2022 18:45:02

Middle Channel /20MHz / 16QAM



Date: 5.JUN.2022 18:46:05

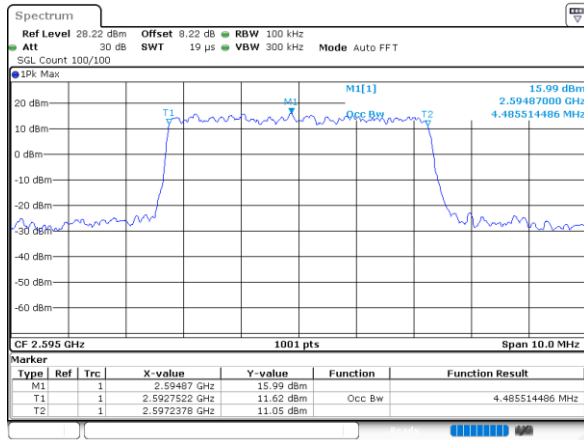
**Occupied Bandwidth**

Mode	LTE Band 38 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.03
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	13.37
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.86

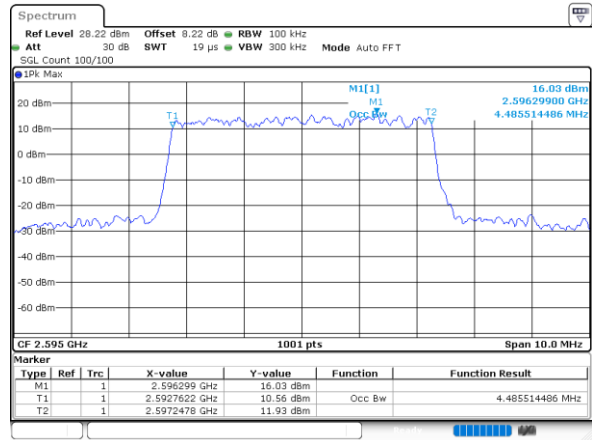


LTE Band 38

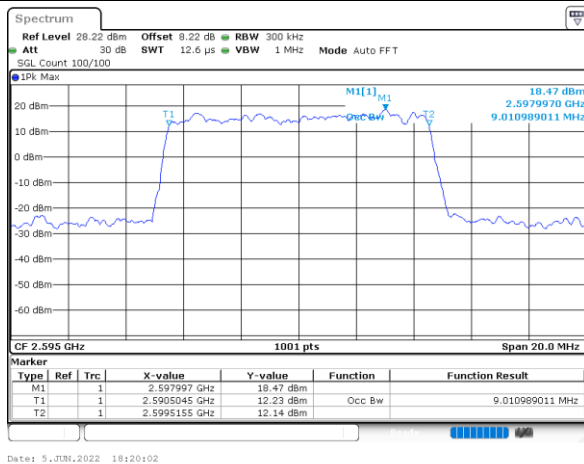
Middle Channel / 5MHz / QPSK



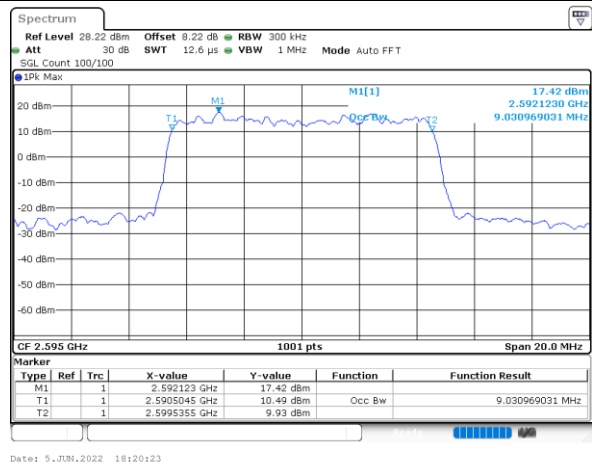
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

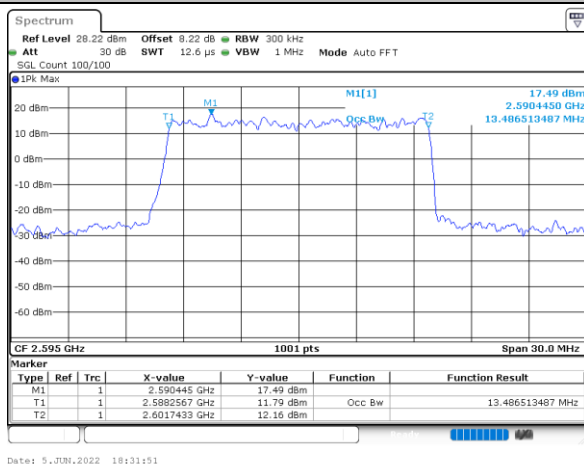


Middle Channel / 10MHz / 16QAM

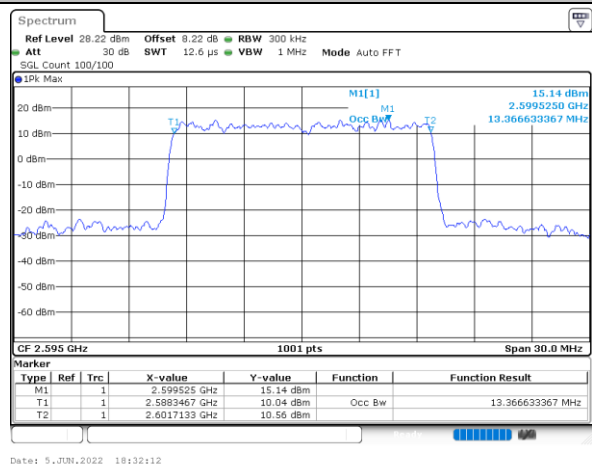


LTE Band 38

Middle Channel 15MHz / QPSK

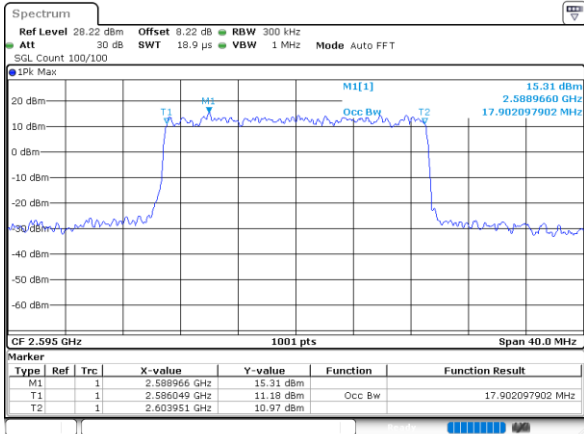


Middle Channel / 15MHz / 16QAM



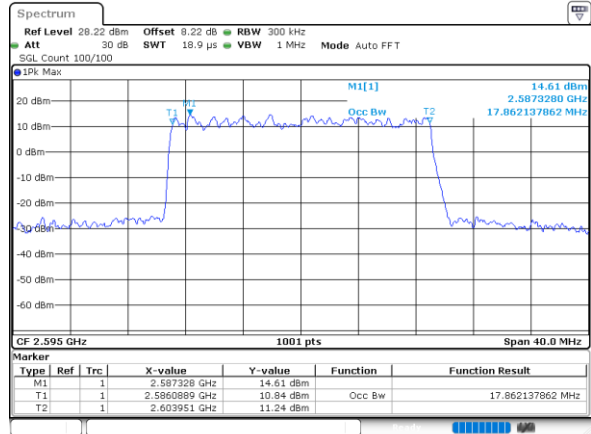


Middle Channel / 20MHz / QPSK



Date: 5.JUN.2022 19:18:30

Middle Channel /20MHz / 16QAM



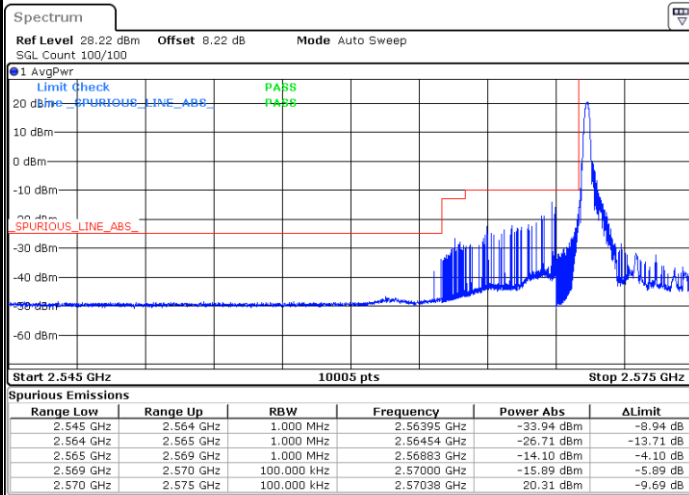
Date: 5.JUN.2022 18:45:44



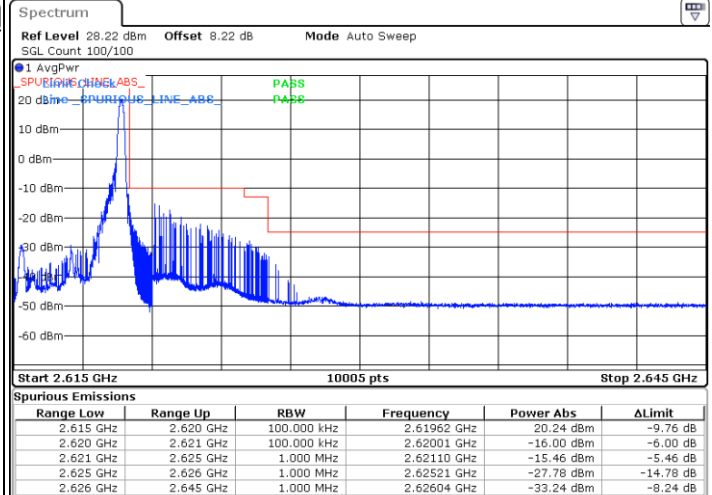
Conducted Band Edge

LTE Band 38 / 5MHz / QPSK

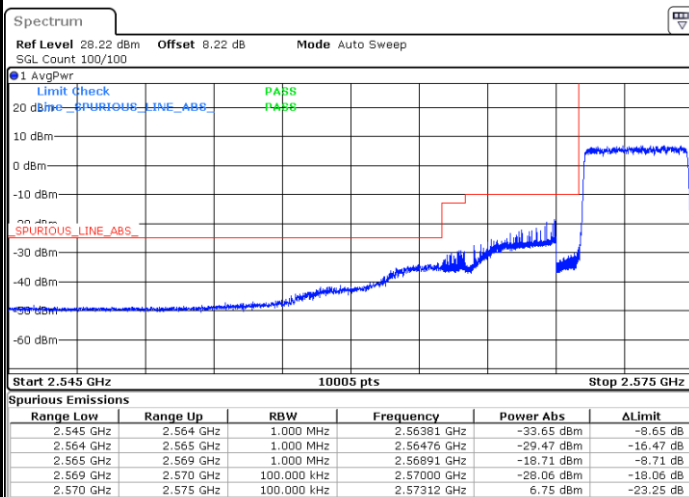
Lowest Band Edge / 1 RB



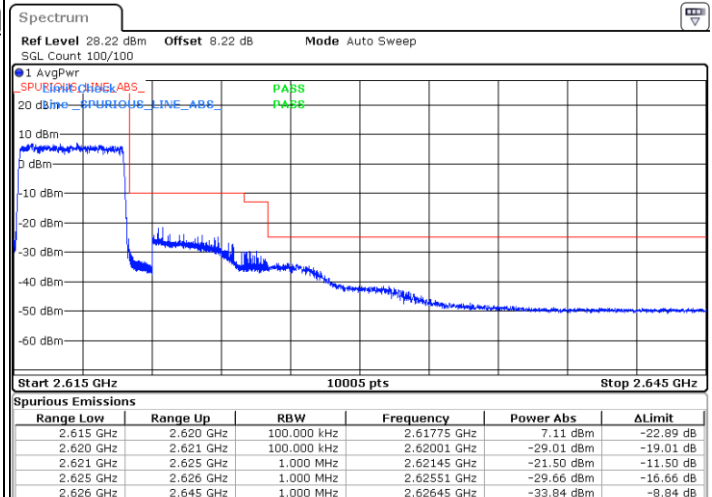
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



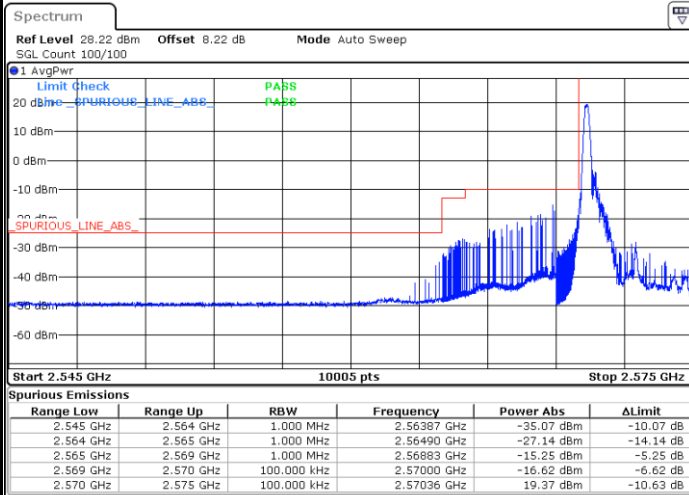
Highest Band Edge / Full RB



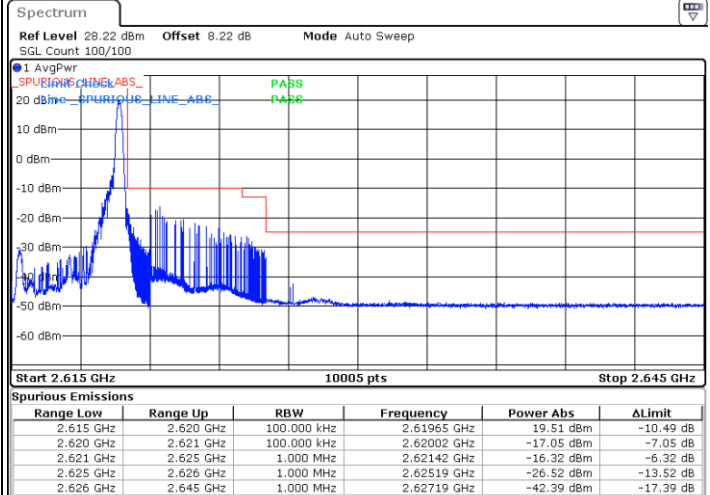


LTE Band38 / 5MHz / 16QAM

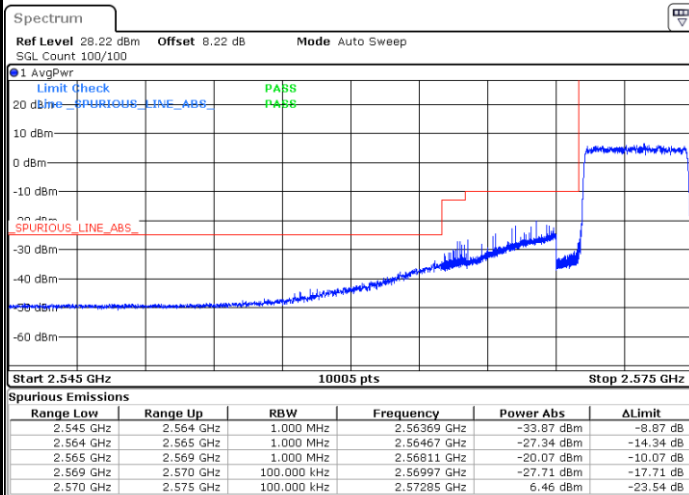
Lowest Band Edge / 1RB



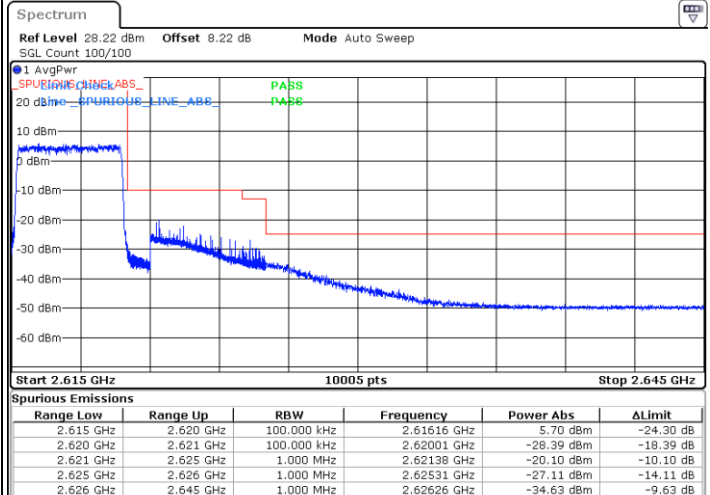
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



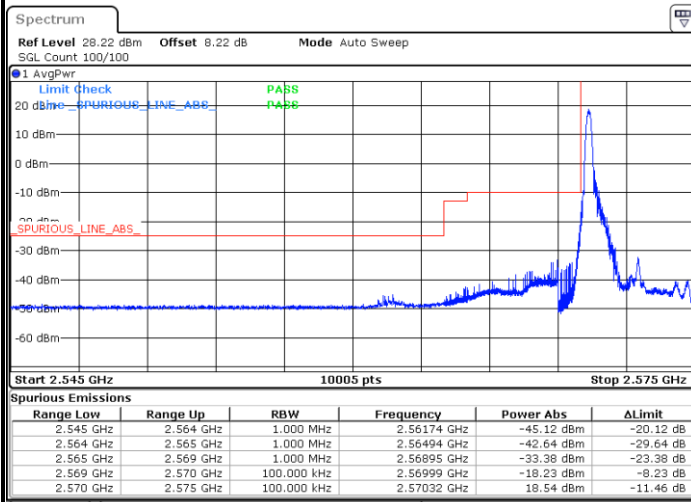
Highest Band Edge / Full RB



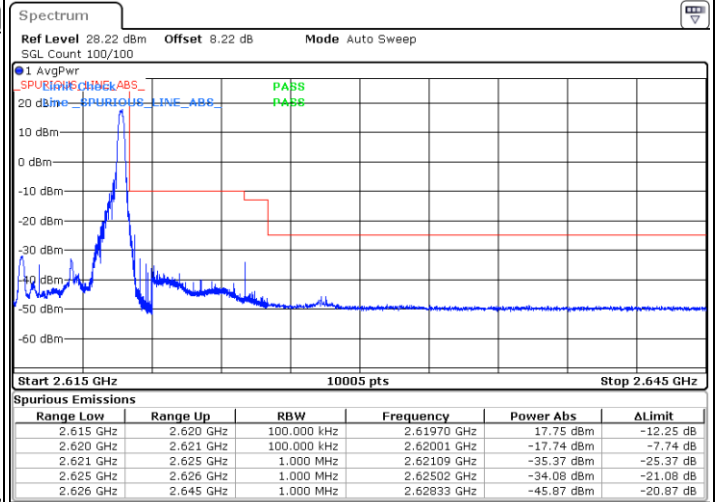


LTE Band 38 / 5MHz / 64QAM

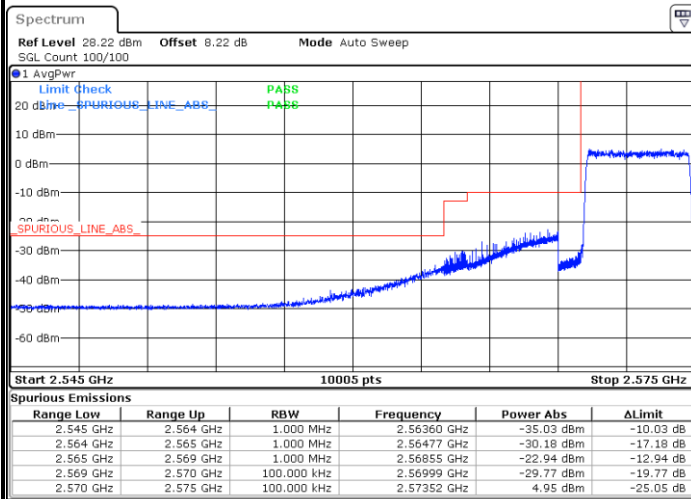
Lowest Band Edge / 1RB



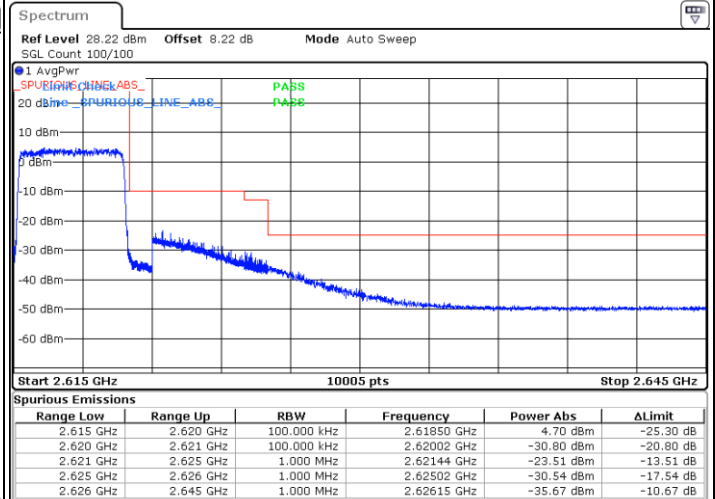
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



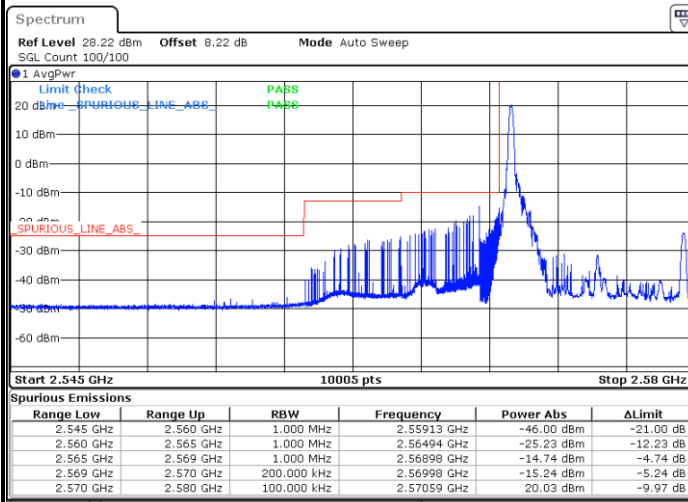
Highest Band Edge / Full RB



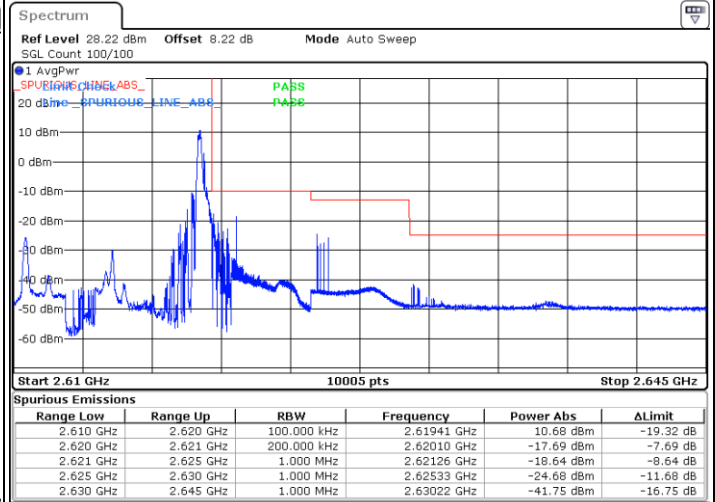


LTE Band 38 / 10MHz / QPSK

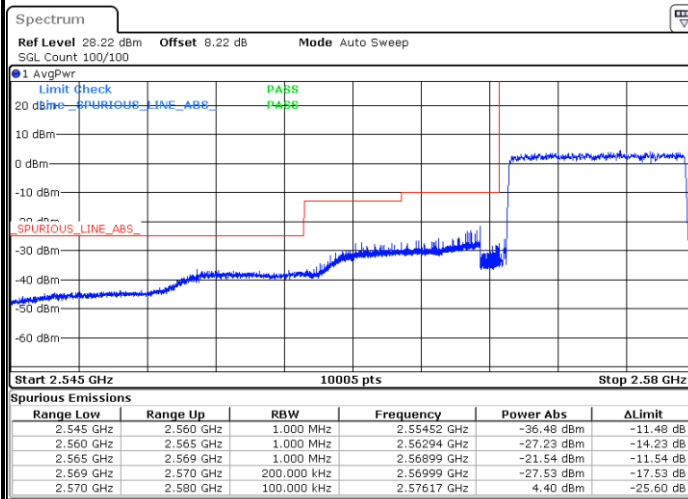
Lowest Band Edge / 1 RB



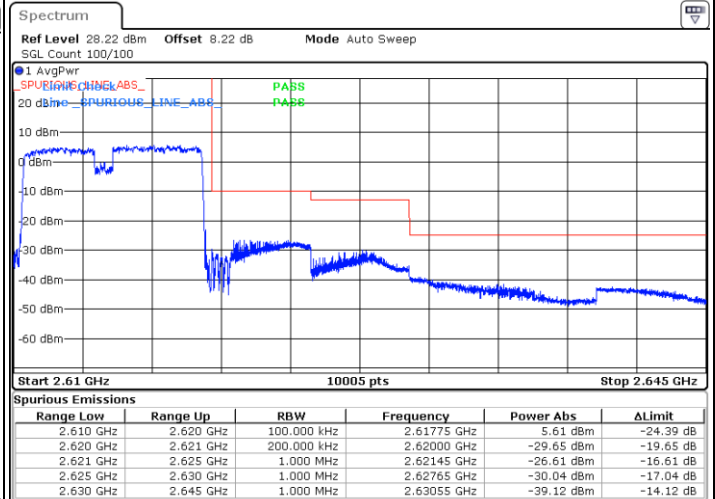
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



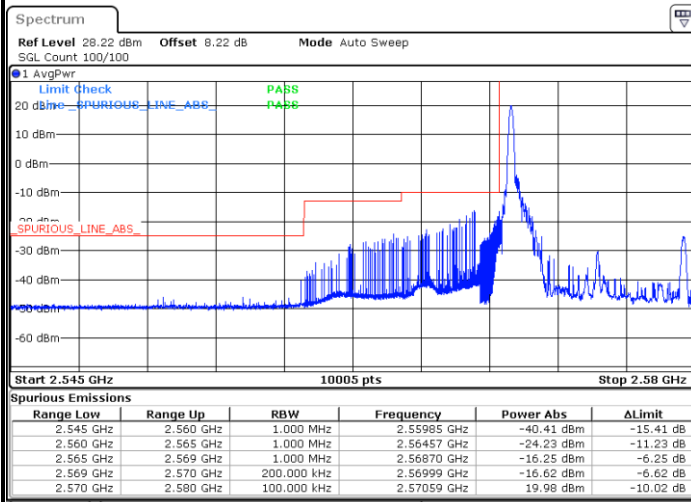
Highest Band Edge / Full RB



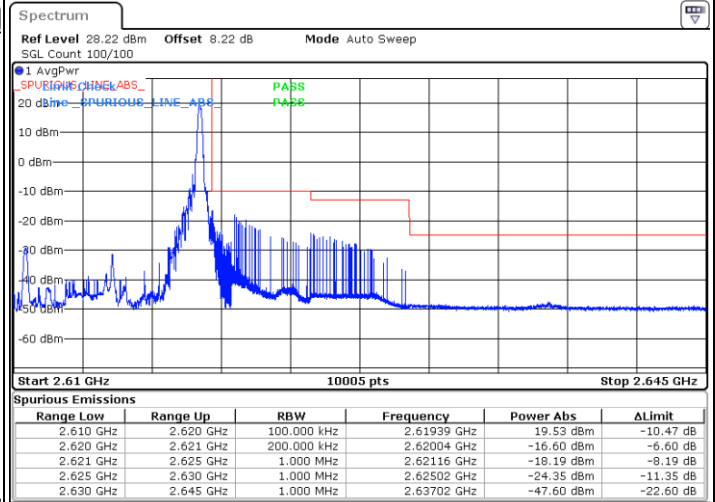


LTE Band 41 / 10MHz / 16QAM

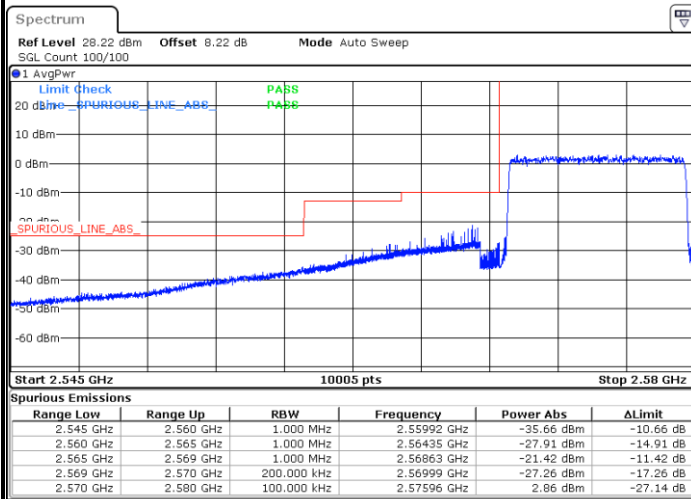
Lowest Band Edge / 1 RB



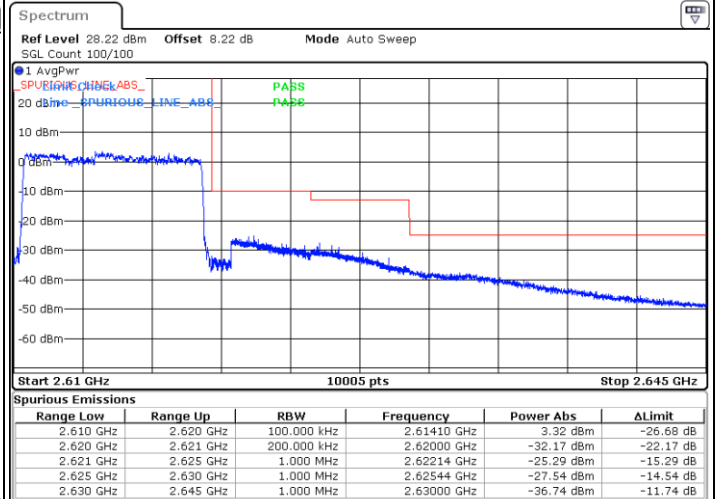
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



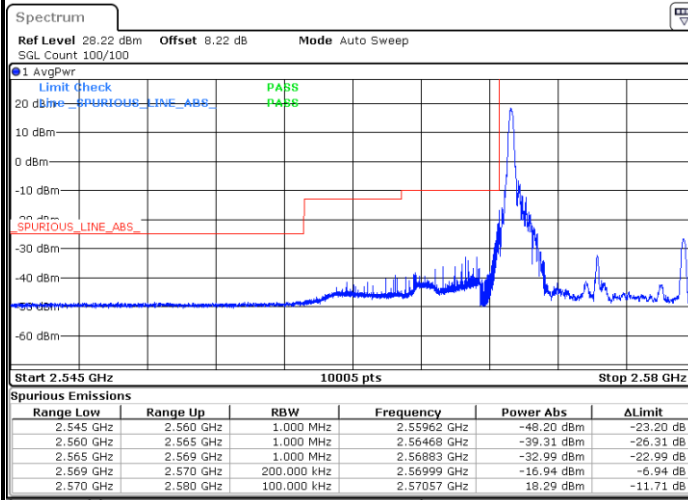
Highest Band Edge / Full RB



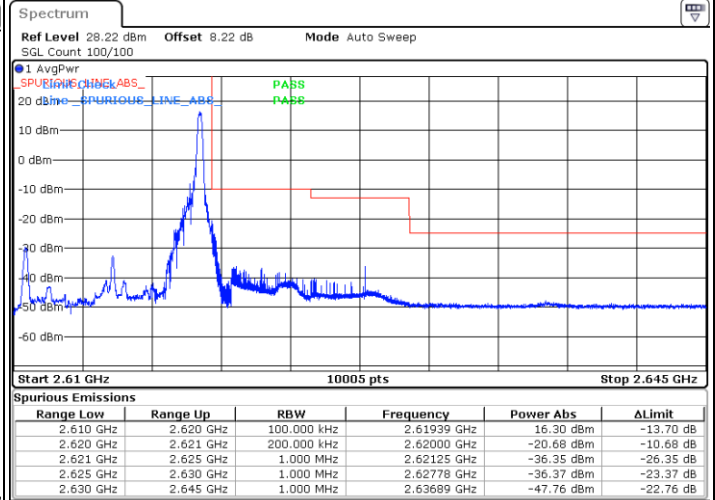


LTE Band 41 / 10MHz / 64QAM

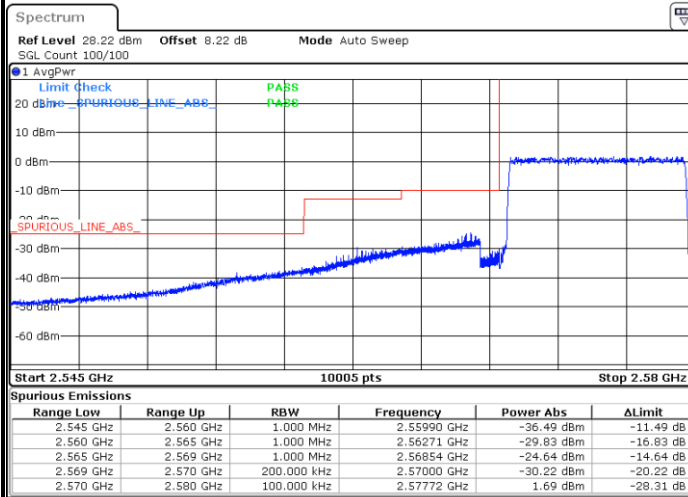
Lowest Band Edge / 1 RB



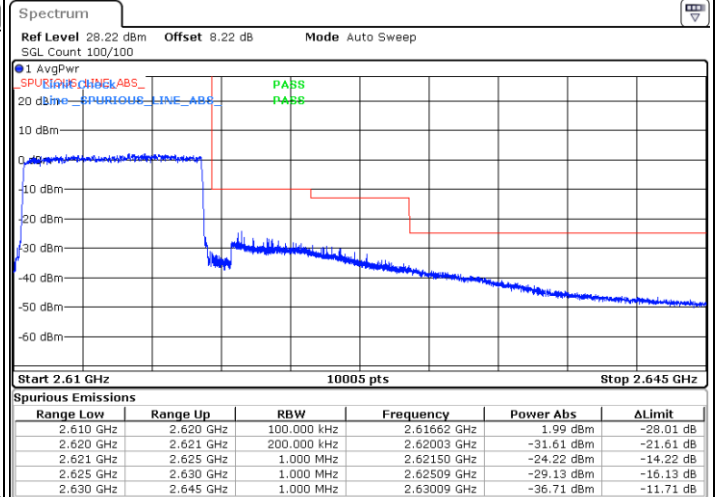
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



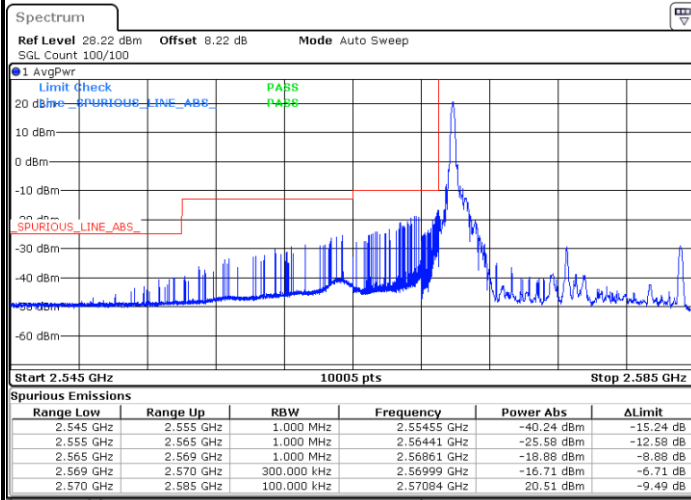
Highest Band Edge / Full RB



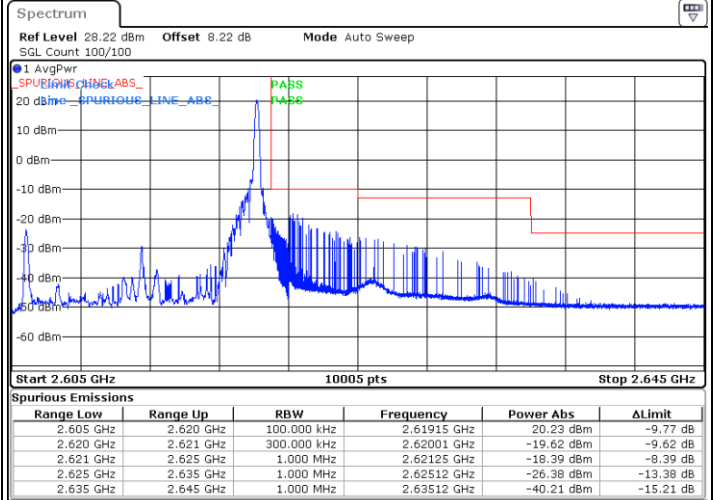


LTE Band 38 / 15MHz / QPSK

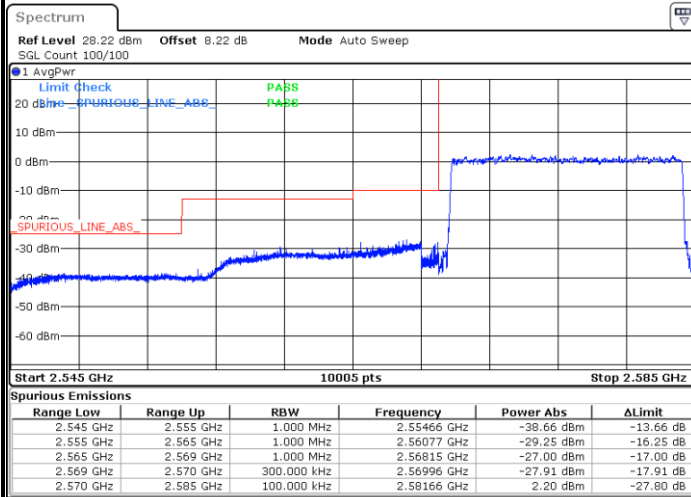
Lowest Band Edge / 1 RB



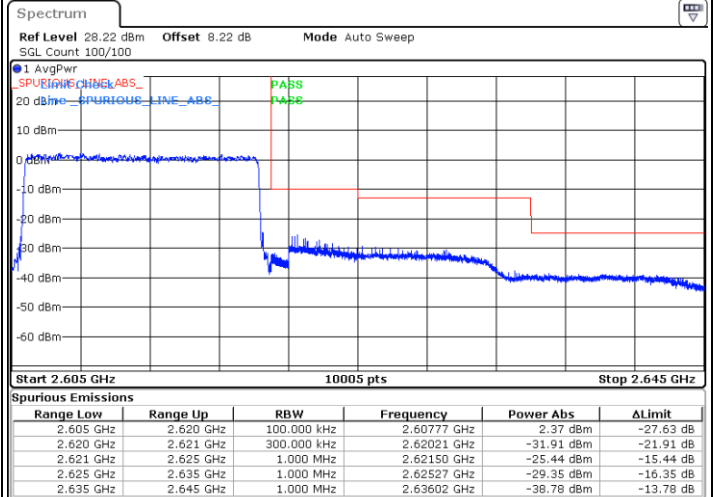
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



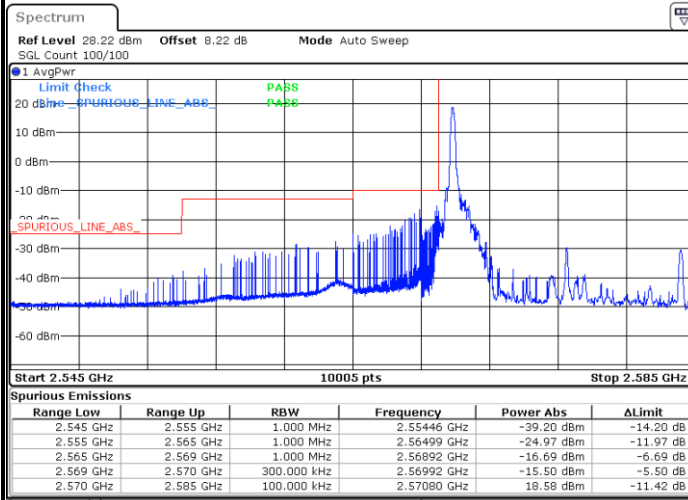
Highest Band Edge / Full RB



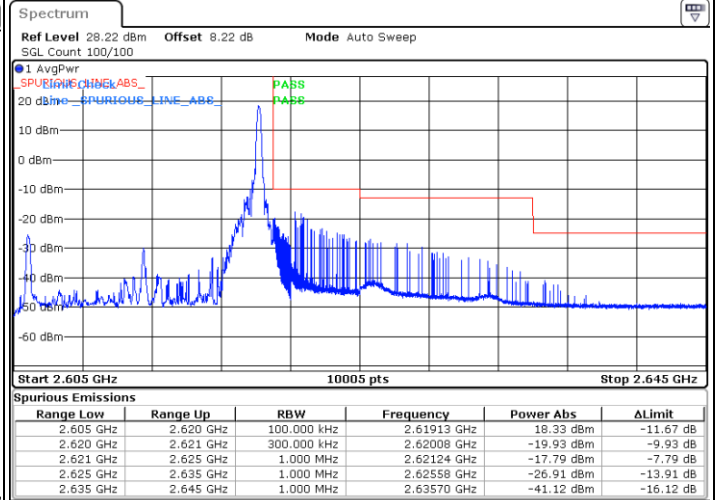


LTE Band38 / 15MHz / 16QAM

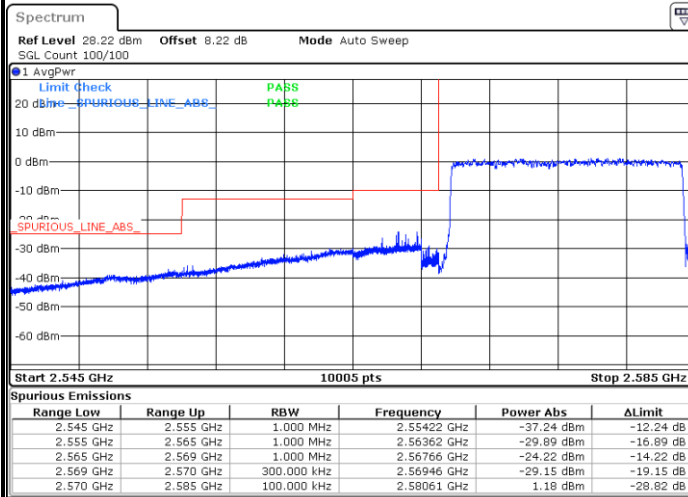
Lowest Band Edge / 1 RB



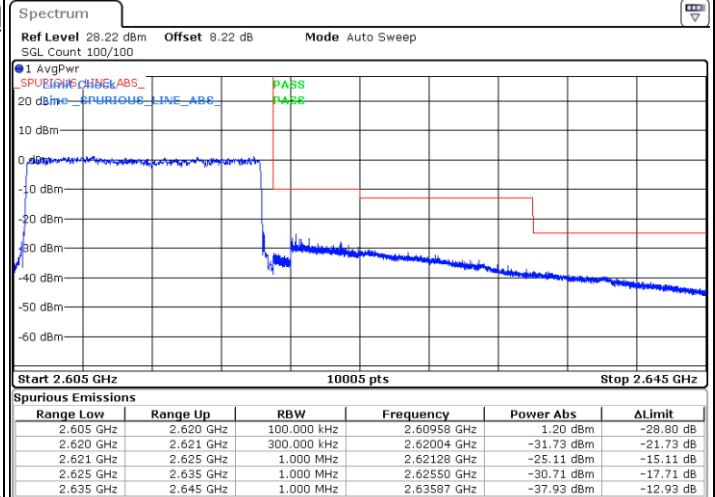
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



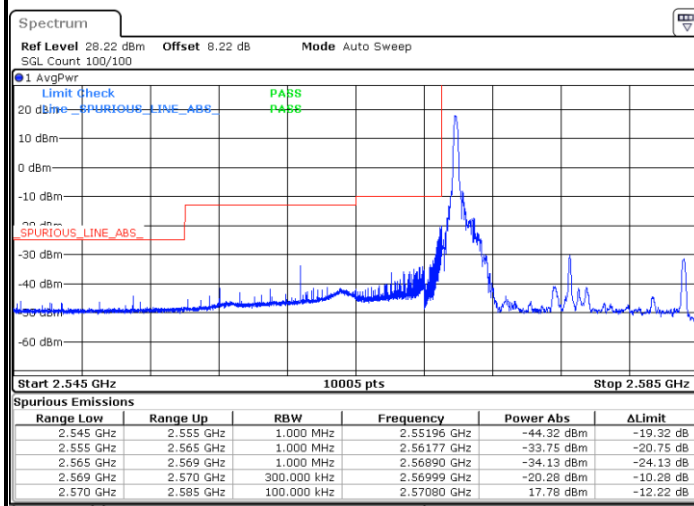
Highest Band Edge / Full RB



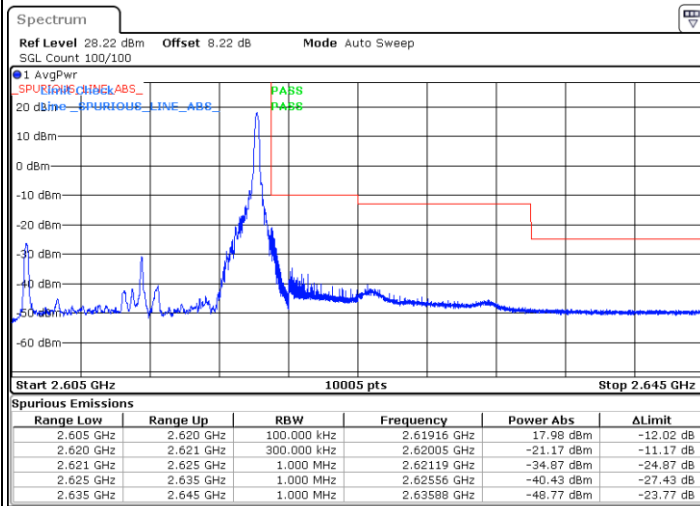


LTE Band 38 / 15MHz / 64QAM

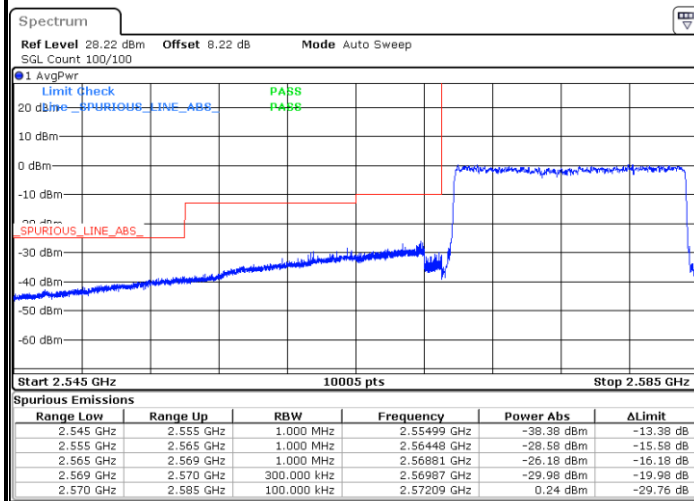
Lowest Band Edge / 1 RB



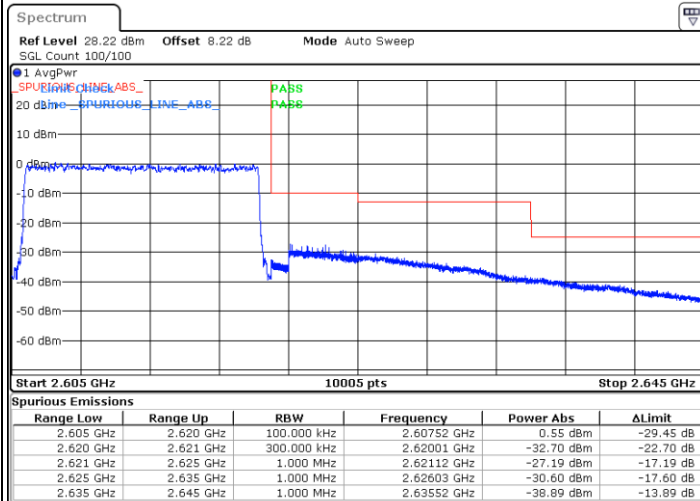
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



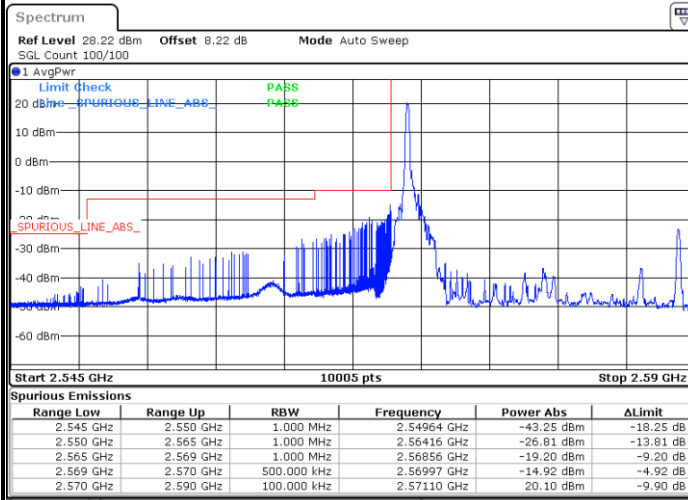
Highest Band Edge / Full RB



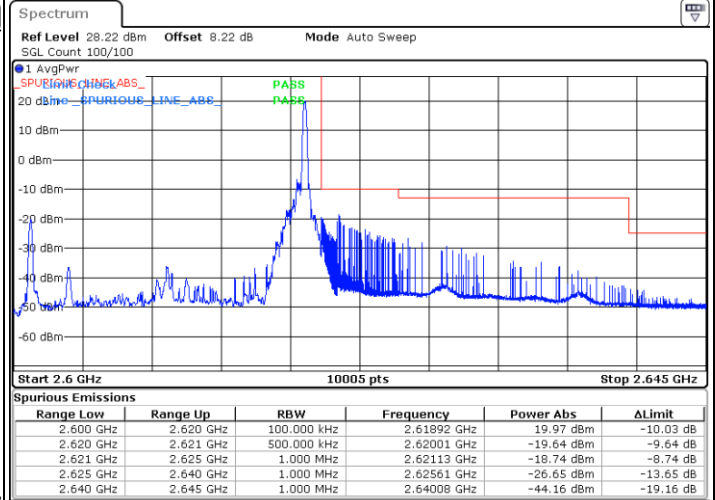


LTE Band38 / 20MHz / QPSK

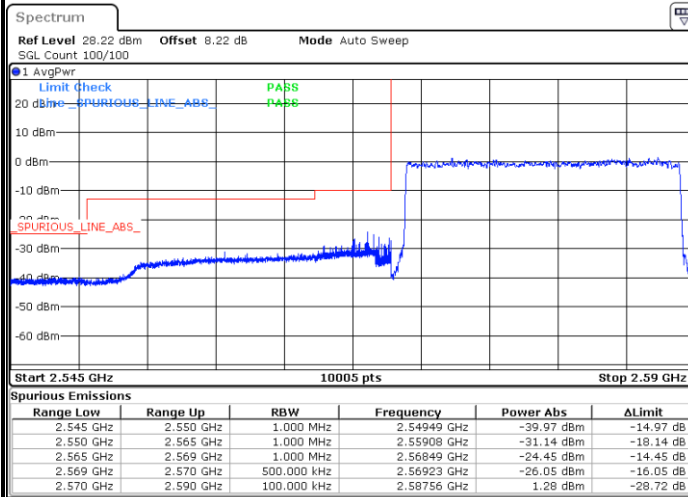
Lowest Band Edge / 1 RB



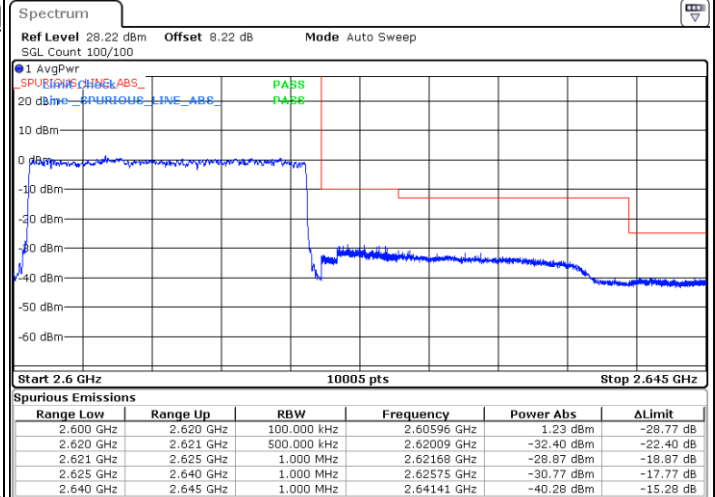
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



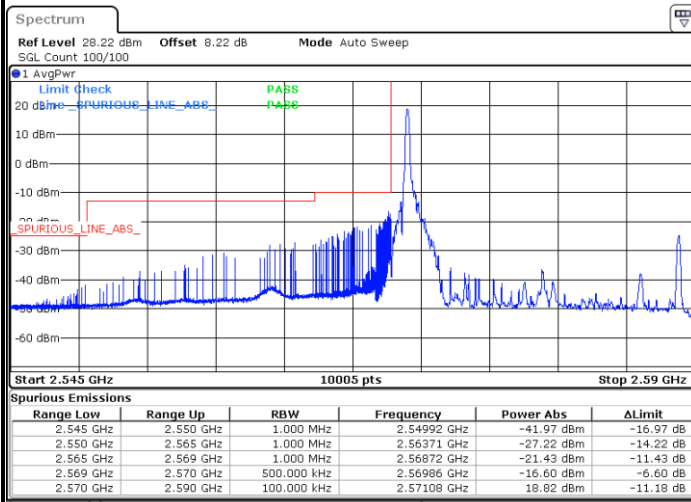
Highest Band Edge / Full RB



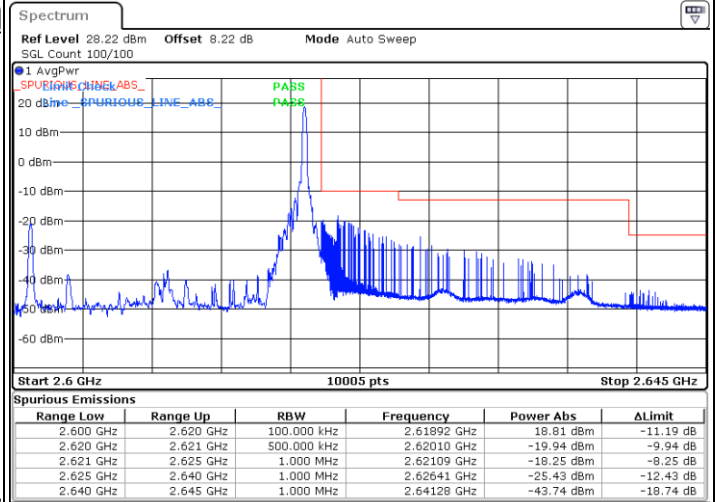


LTE Band 38 / 20MHz / 16QAM

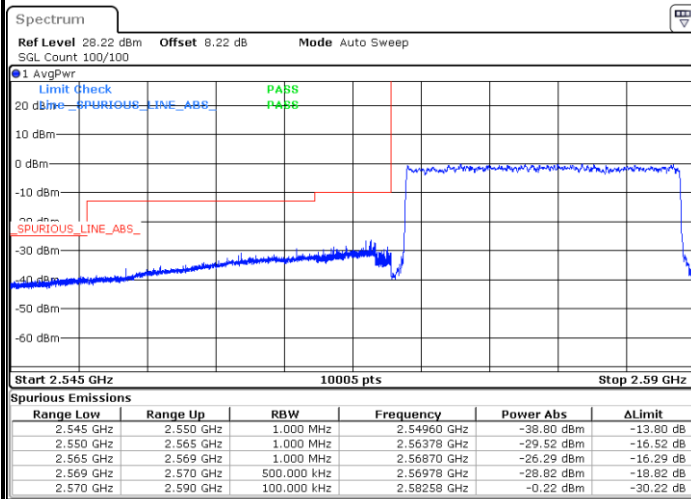
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

