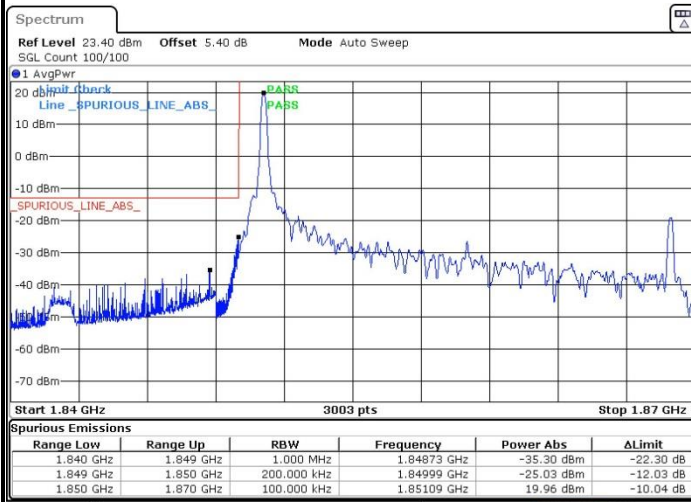


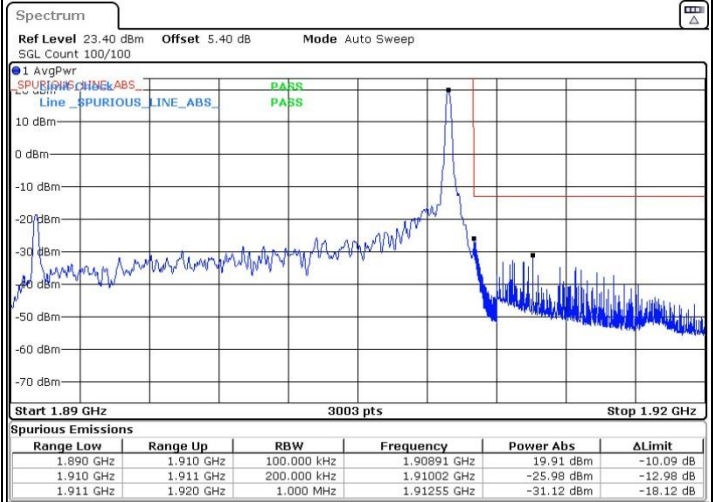


LTE Band 2 / 20MHz / QPSK

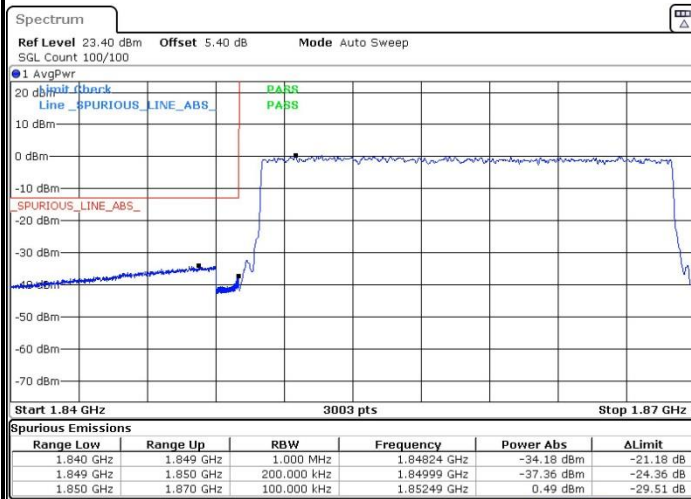
Lowest Band Edge / 1 RB



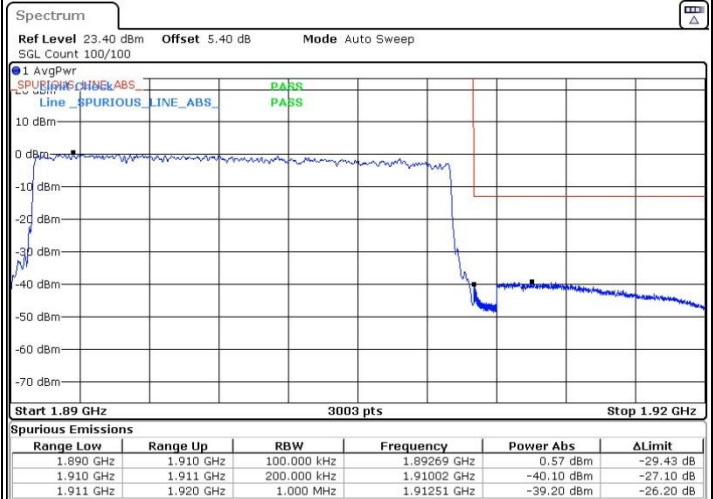
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



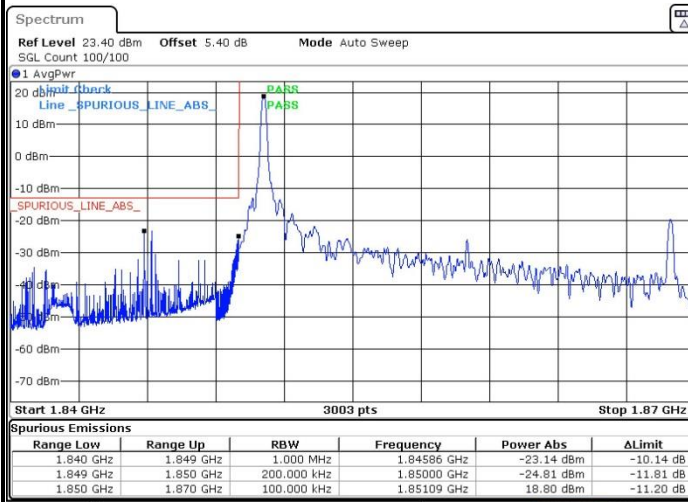
Highest Band Edge / Full RB



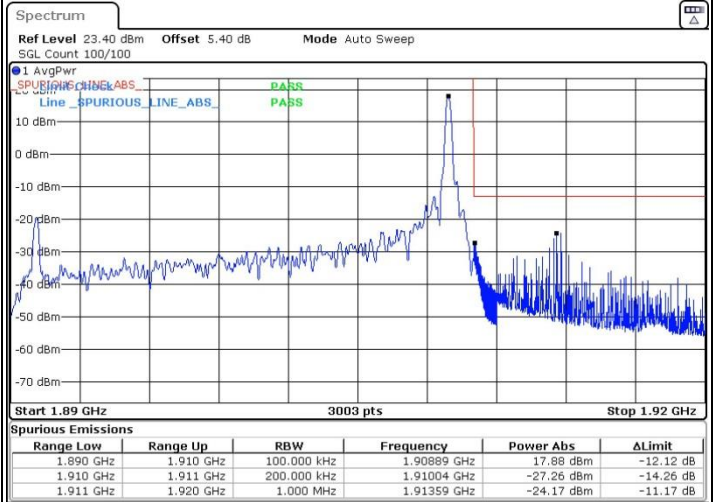


LTE Band 2 / 20MHz / 16QAM

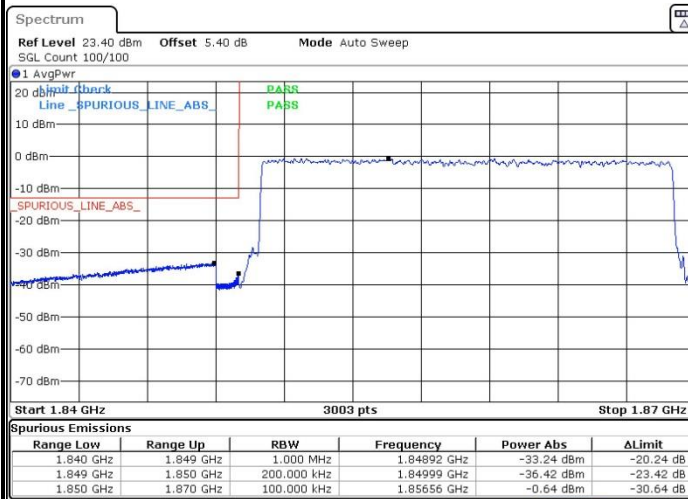
Lowest Band Edge / 1 RB



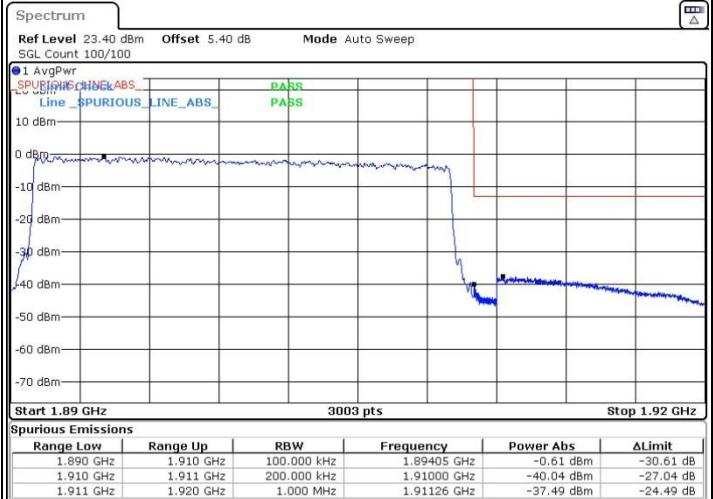
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



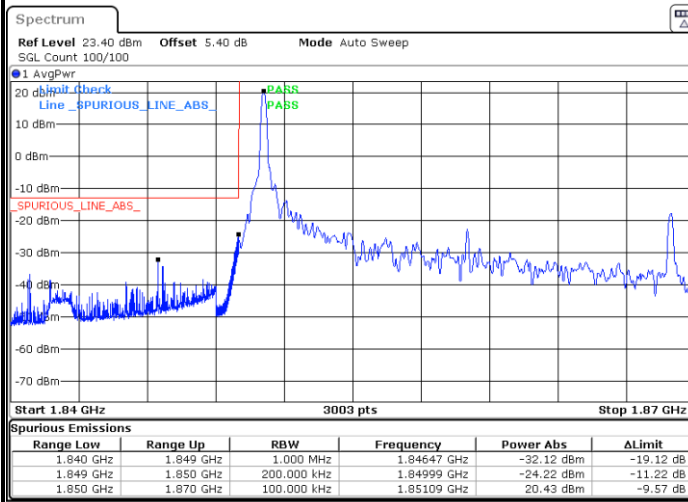
Highest Band Edge / Full RB



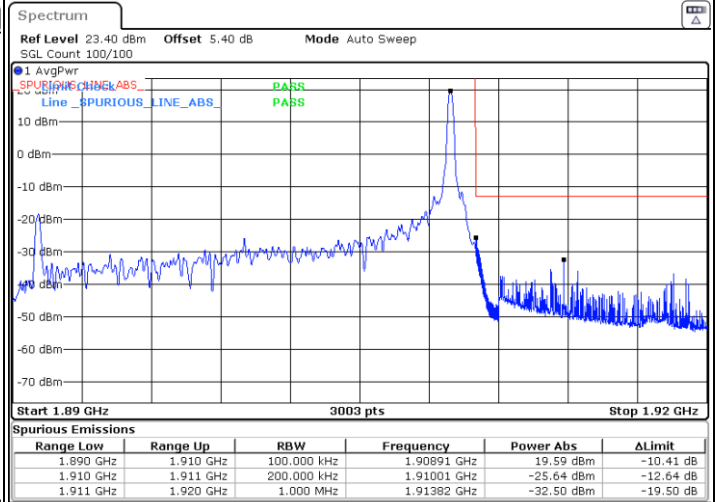


LTE Band 2 / 20MHz / 64QAM

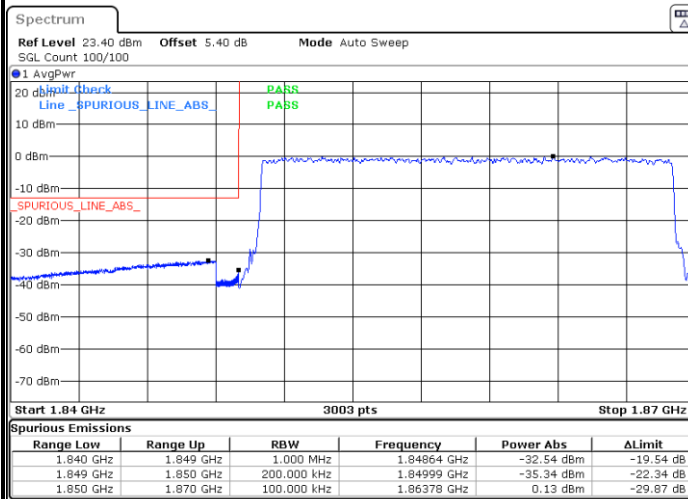
Lowest Band Edge / 1 RB



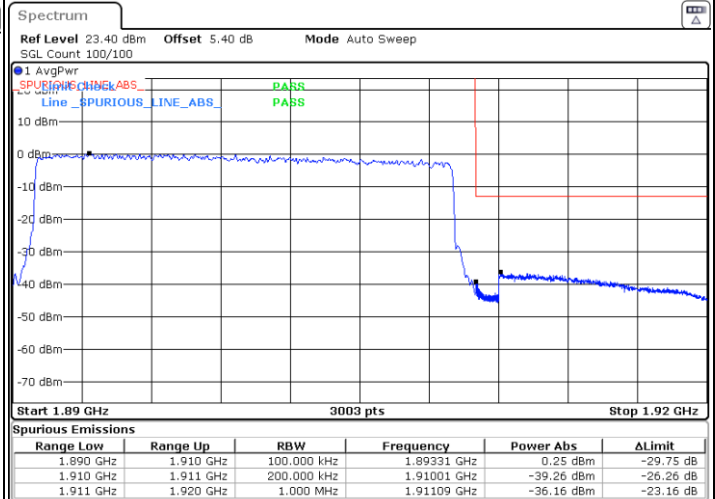
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

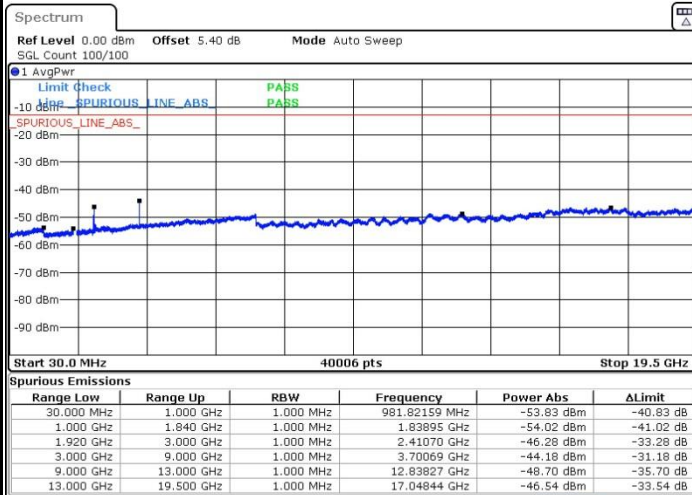




Conducted Spurious Emission

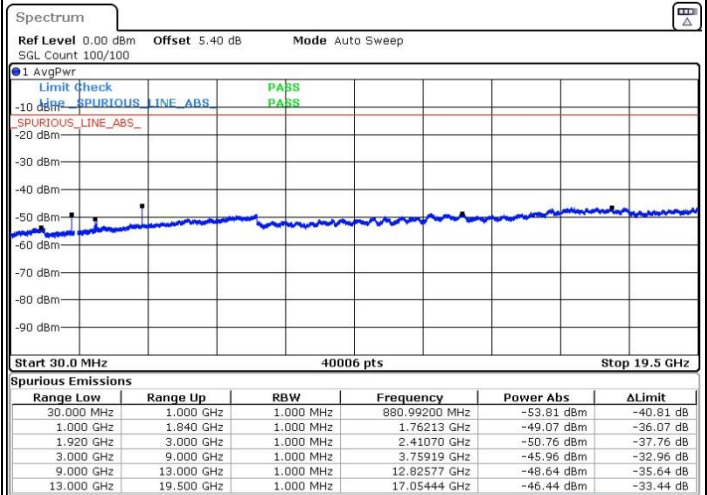
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



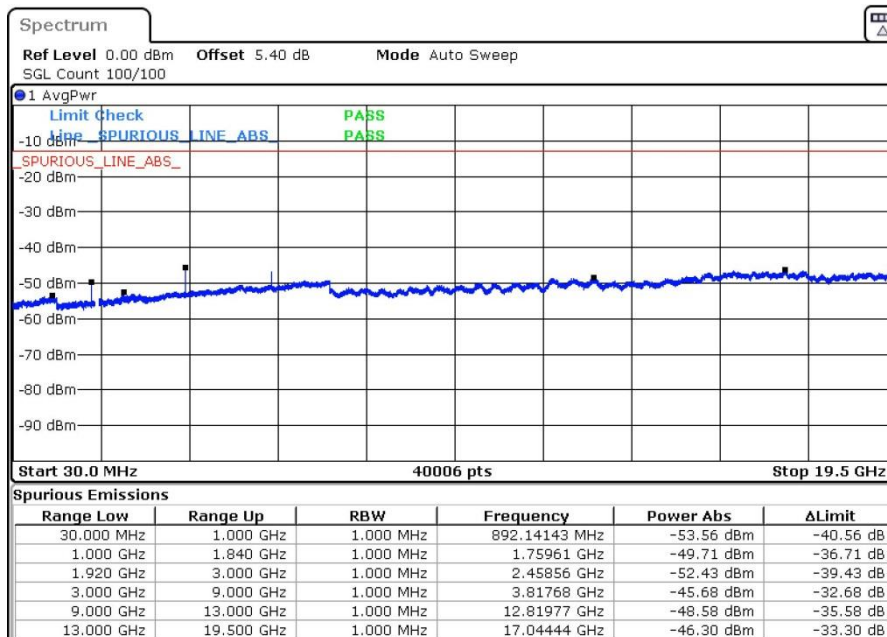
Date: 19 DEC 2021 23:36:58

Middle Channel / QPSK



Date: 19 DEC 2021 23:41:24

Highest Channel / QPSK

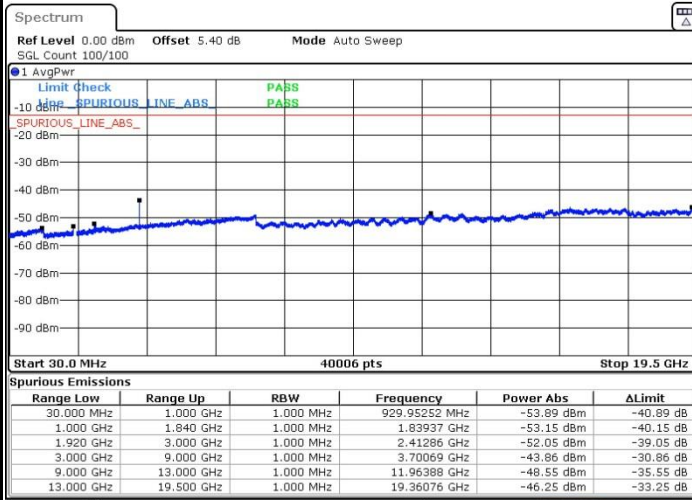


Date: 19 DEC 2021 23:42:24



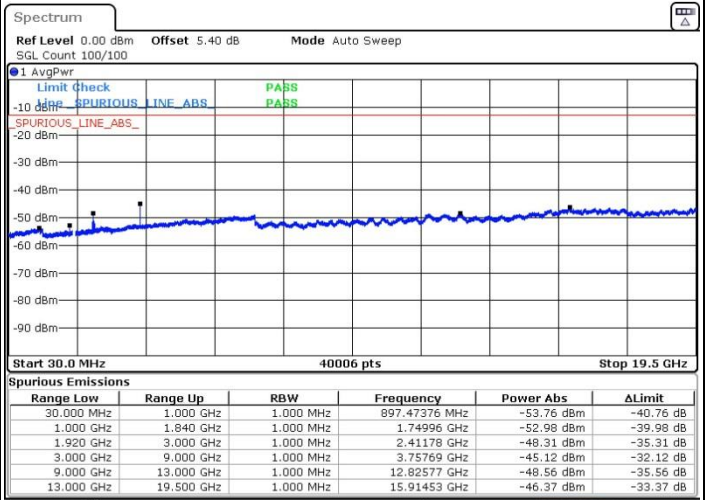
LTE Band 2 / 3MHz

Lowest Channel / QPSK



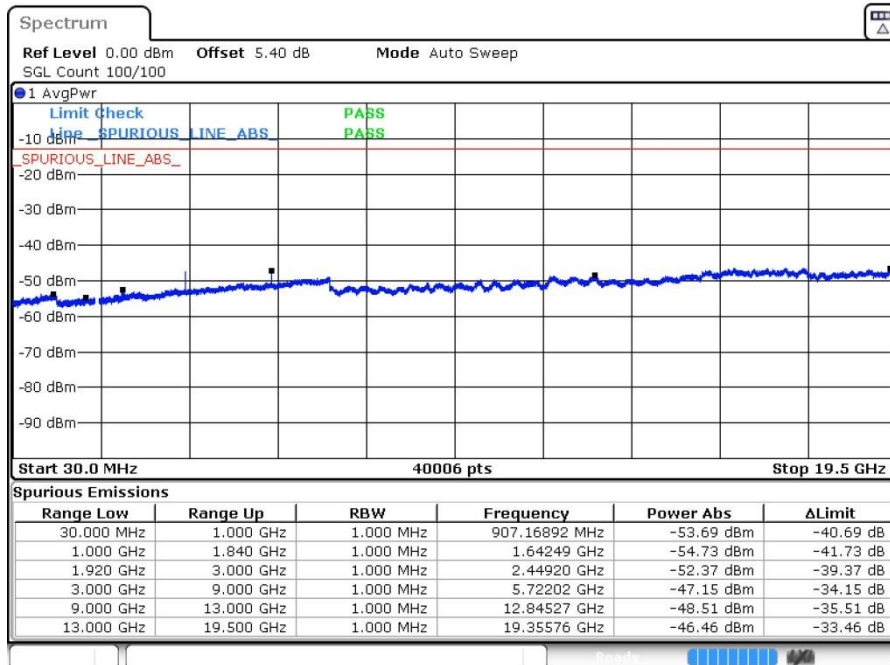
Date: 19 DEC 2021 23:43:26

Middle Channel / QPSK



Date: 19 DEC 2021 23:44:37

Highest Channel / QPSK

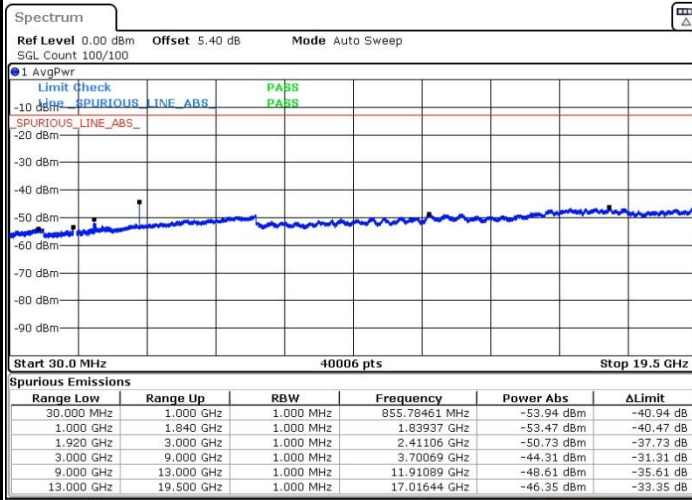


Date: 19 DEC 2021 23:45:24



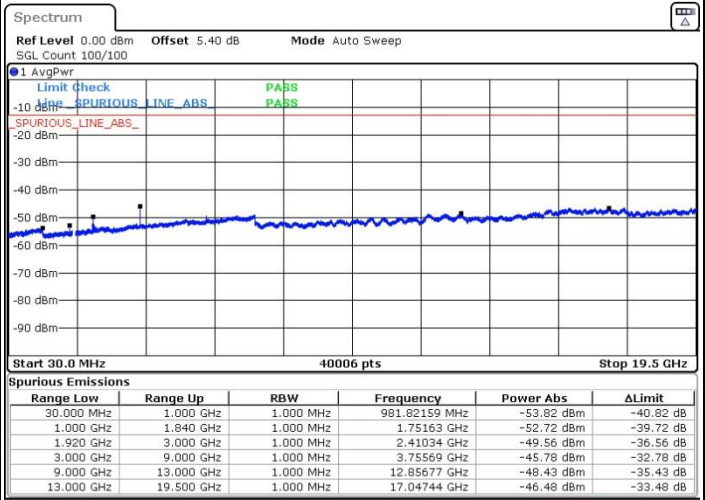
LTE Band 2 / 5MHz

Lowest Channel / QPSK



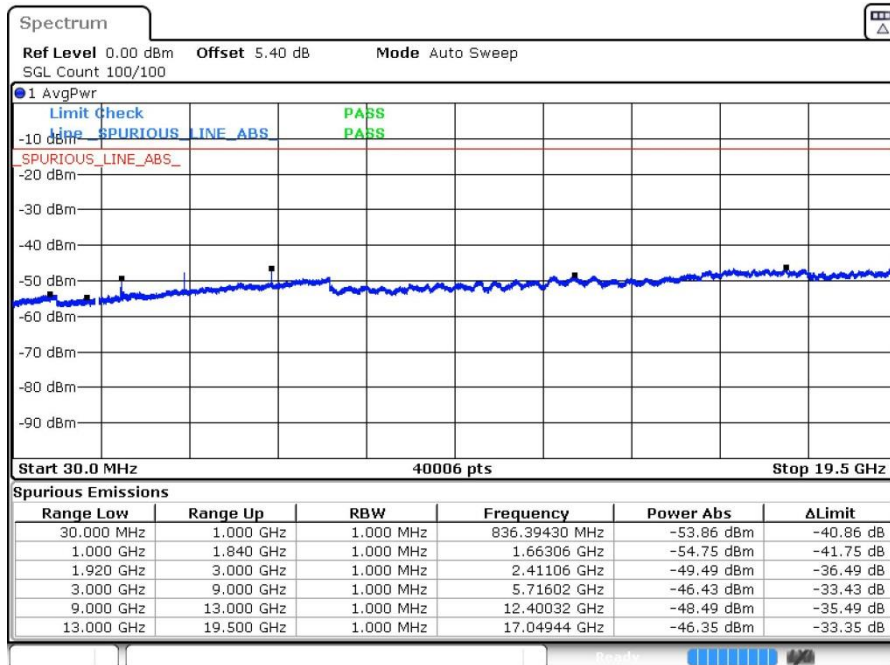
Date: 19 DEC 2021 23:46:25

Middle Channel / QPSK



Date: 19 DEC 2021 23:47:09

Highest Channel / QPSK

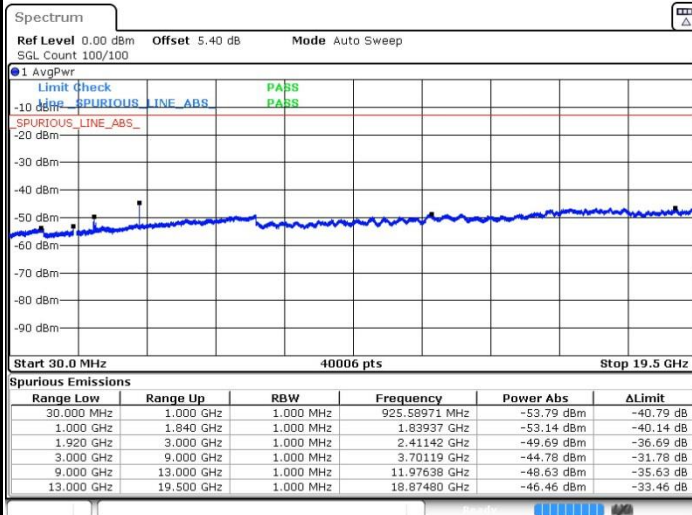


Date: 19 DEC 2021 23:47:52



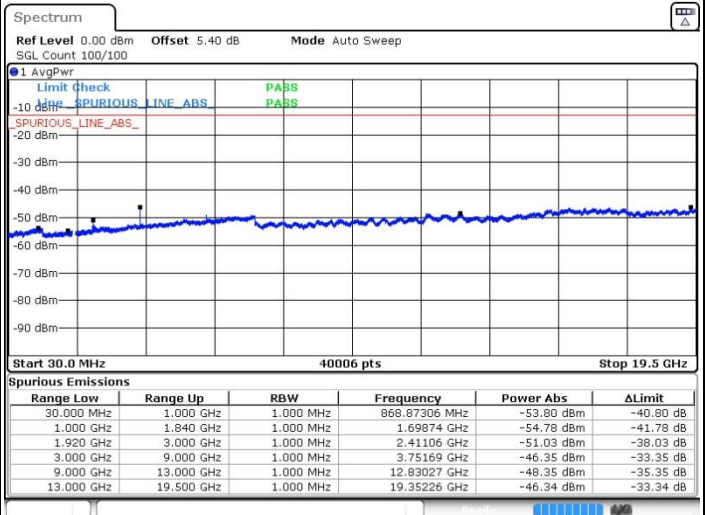
LTE Band 2 / 10MHz

Lowest Channel / QPSK



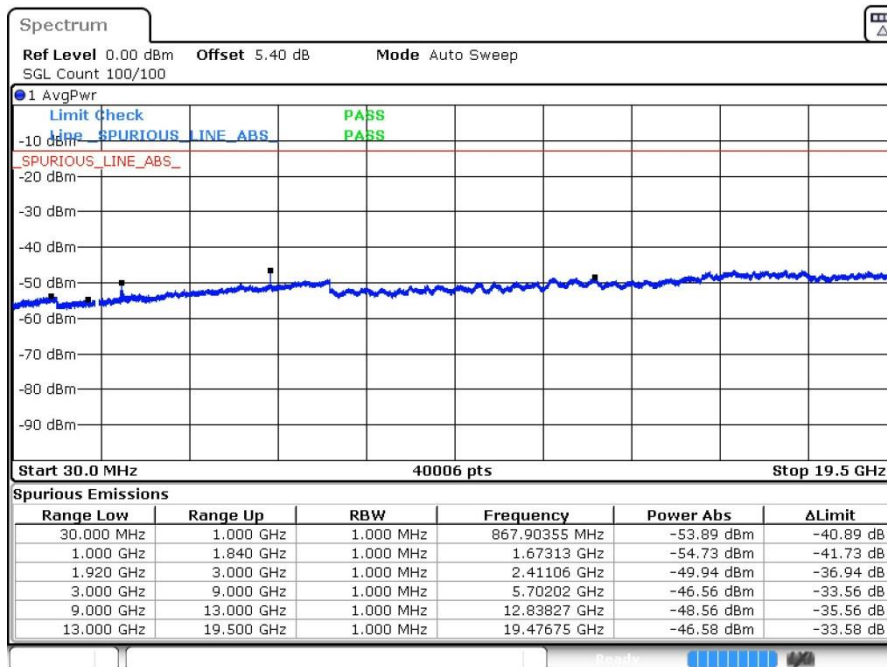
Date: 19 DEC 2021 23:48:42

Middle Channel / QPSK



Date: 19 DEC 2021 23:49:25

Highest Channel / QPSK

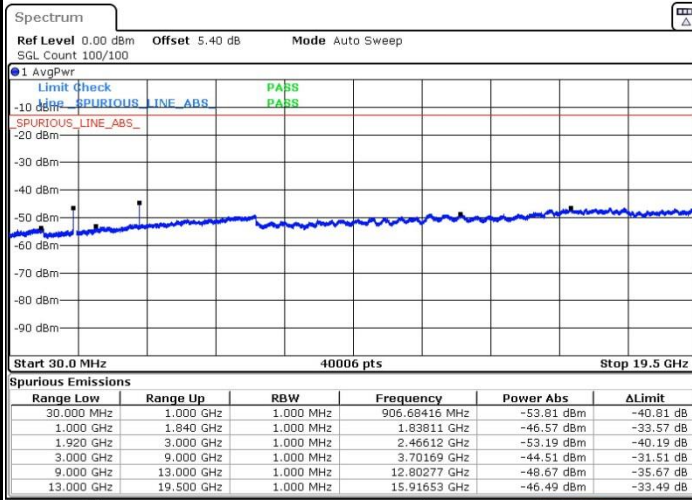


Date: 19 DEC 2021 23:50:09



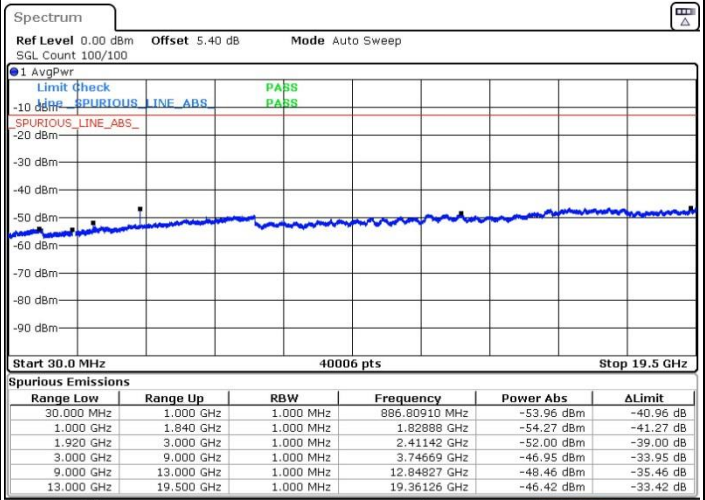
LTE Band 2 / 15MHz

Lowest Channel / QPSK



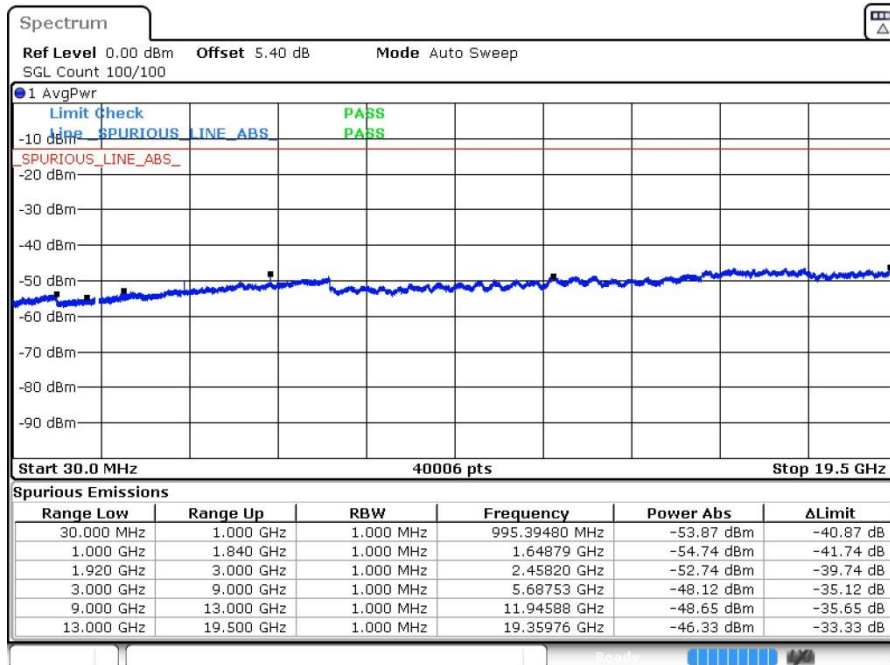
Date: 19 DEC 2021 23:50:55

Middle Channel / QPSK



Date: 19 DEC 2021 23:51:43

Highest Channel / QPSK

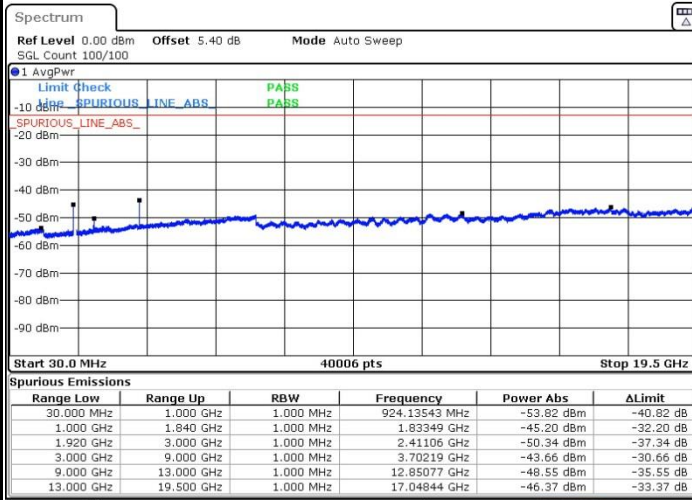


Date: 19 DEC 2021 23:52:34



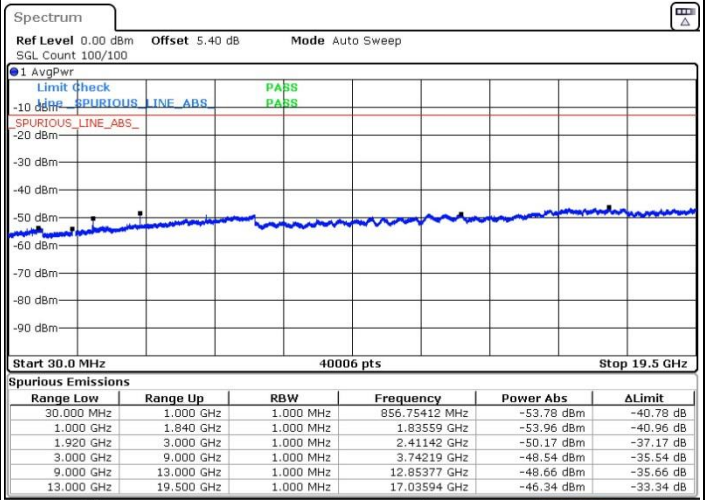
LTE Band 2 / 20MHz

Lowest Channel / QPSK



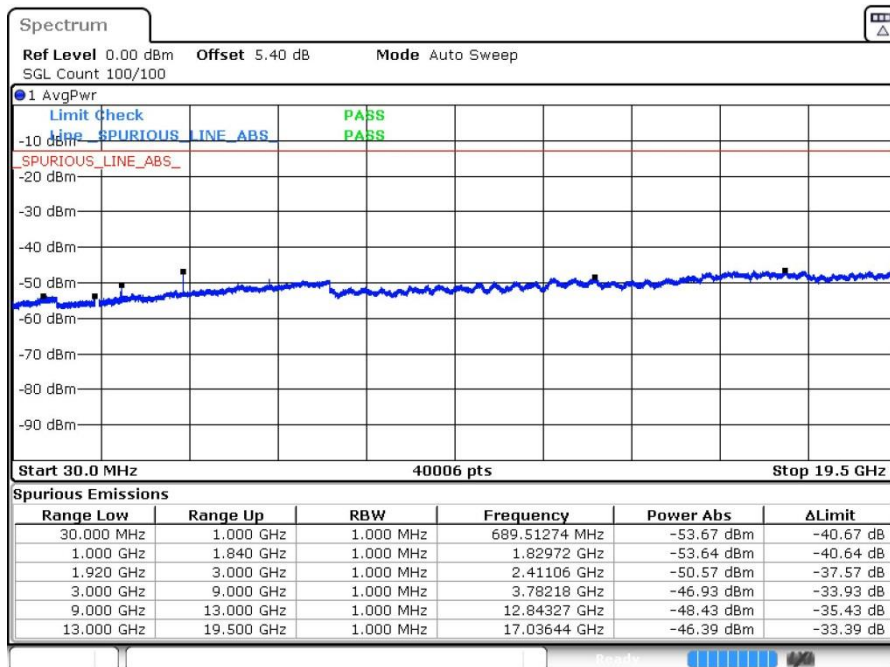
Date: 19 DEC 2021 23:53:25

Middle Channel / QPSK



Date: 19 DEC 2021 23:54:33

Highest Channel / QPSK



Date: 19 DEC 2021 23:55:25

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



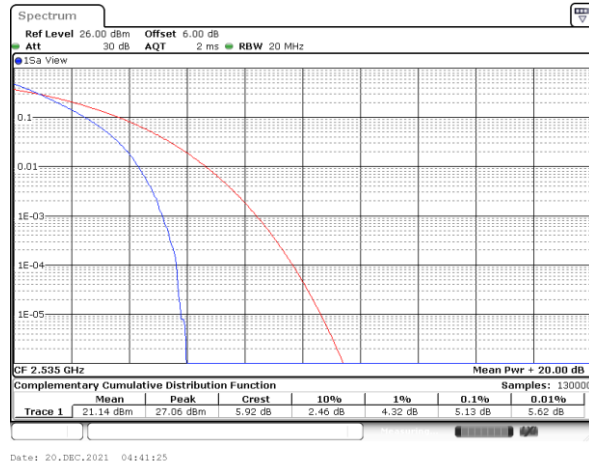
LTE Band 7

Peak-to-Average Ratio

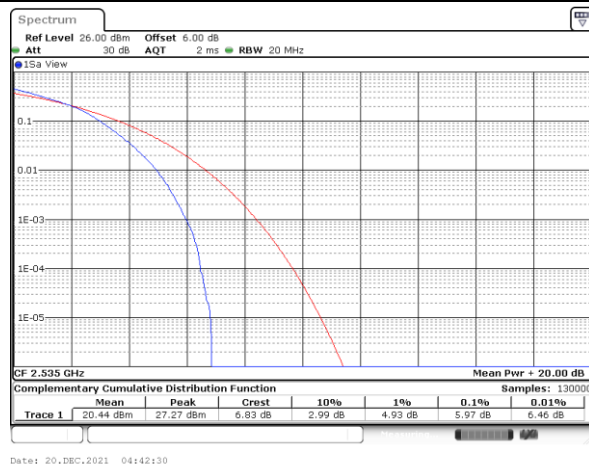
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.13	5.97	6.09	PASS

LTE Band 7 / 20MHz

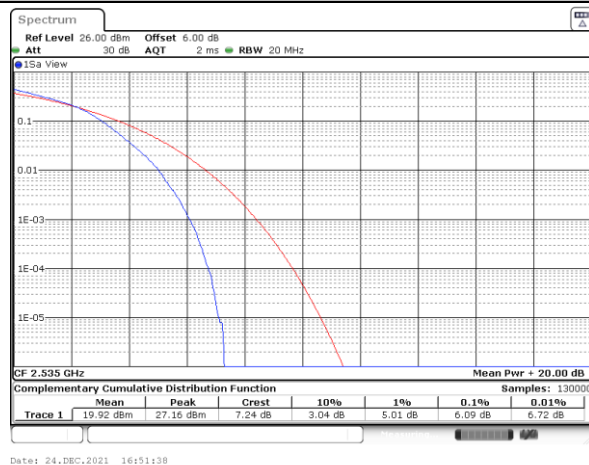
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM

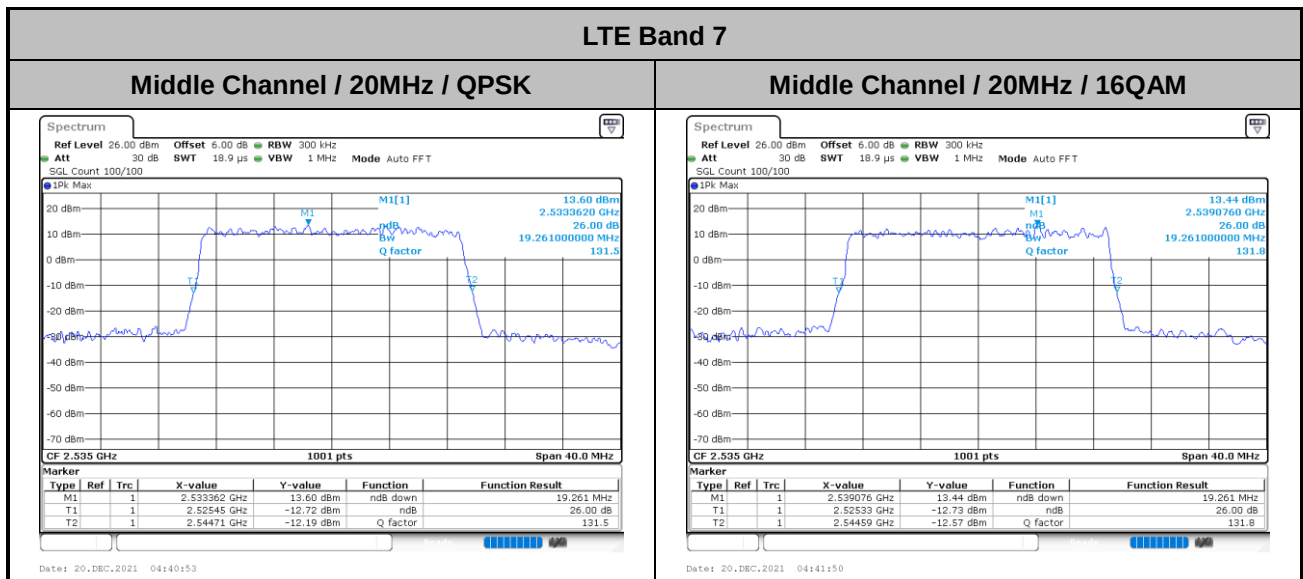


Middle Channel / Full RB/ 64QAM



**26dB Bandwidth**

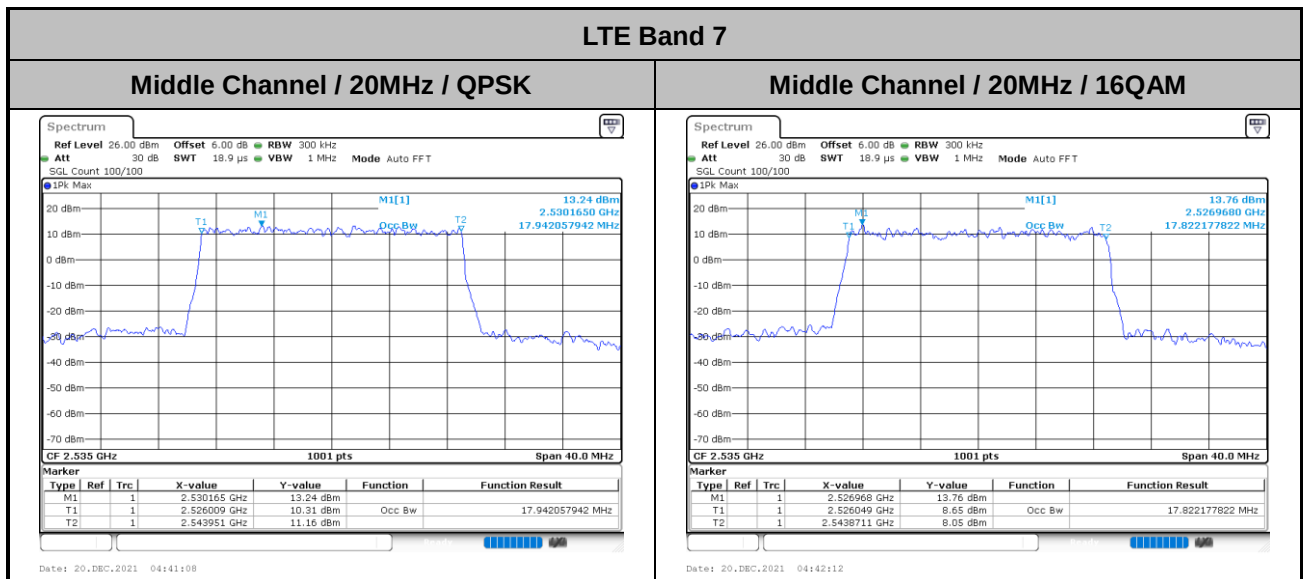
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.26	19.26

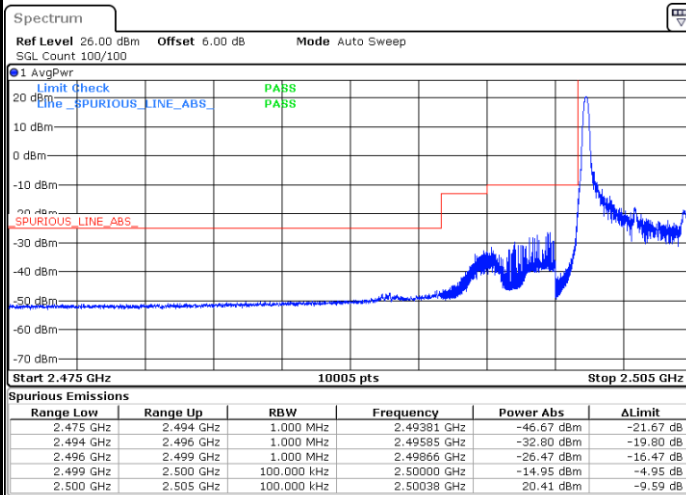
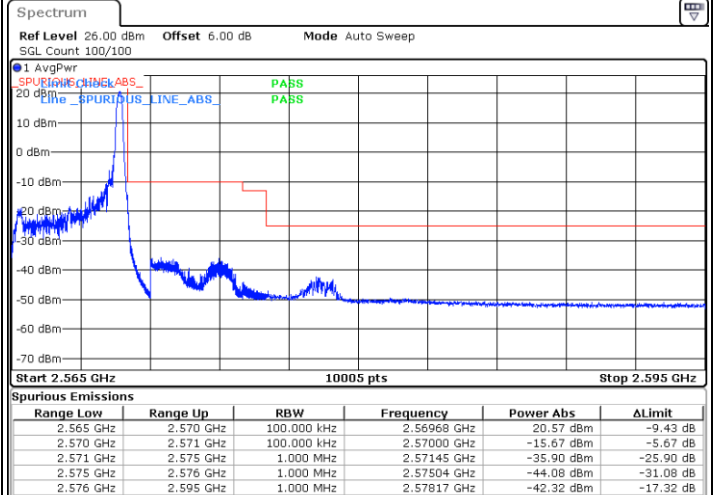
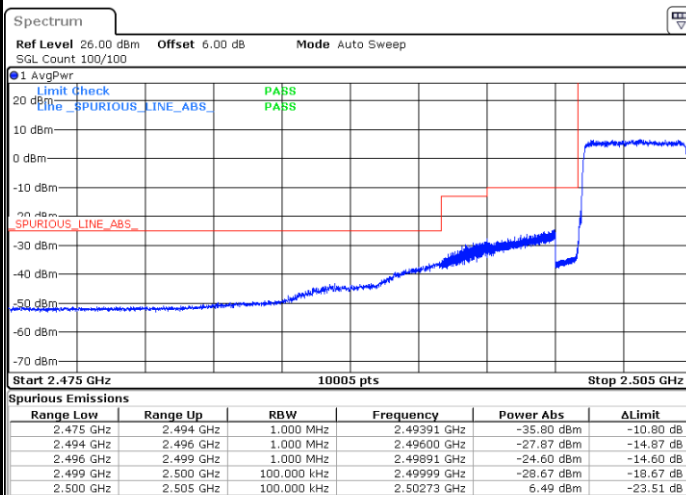
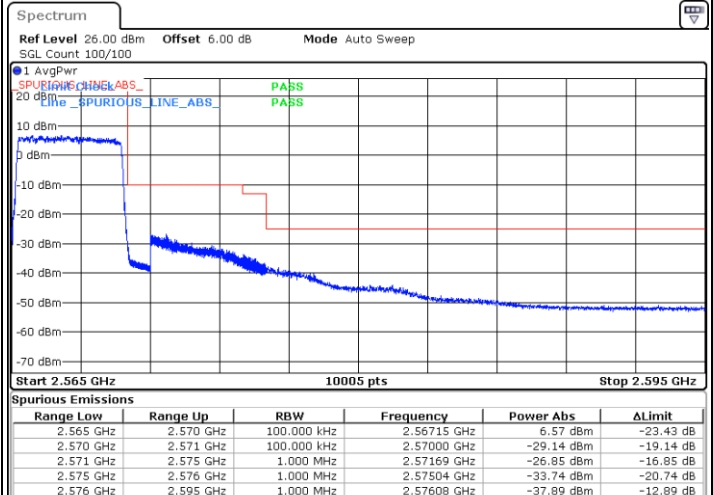




Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.82

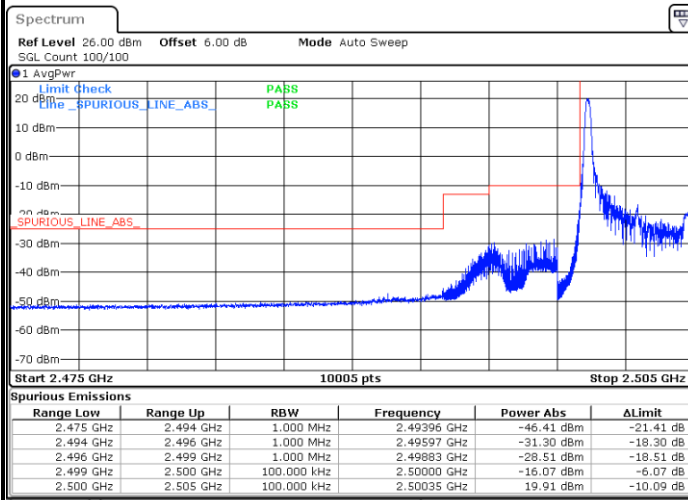


**Conducted Band Edge****LTE Band 7 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

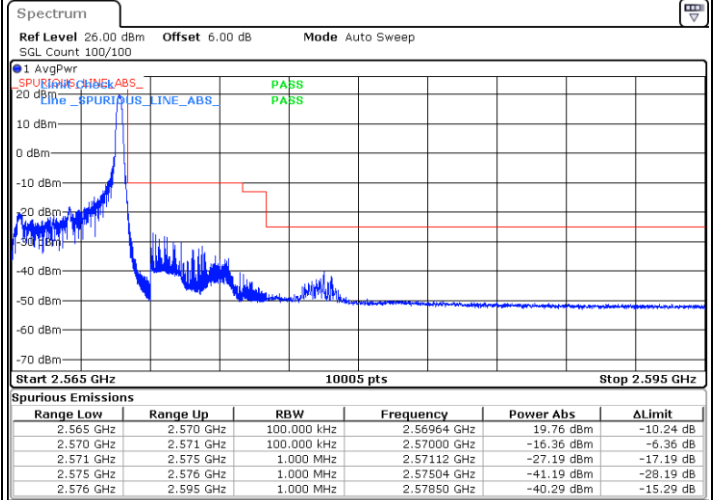


LTE Band 7 / 5MHz / 16QAM

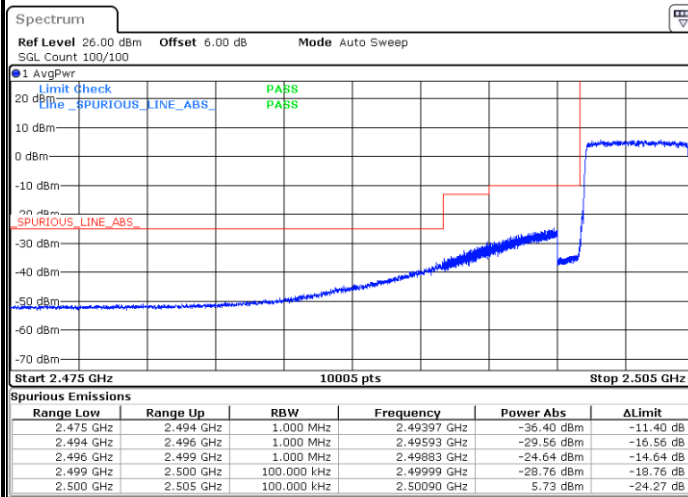
Lowest Band Edge / 1RB



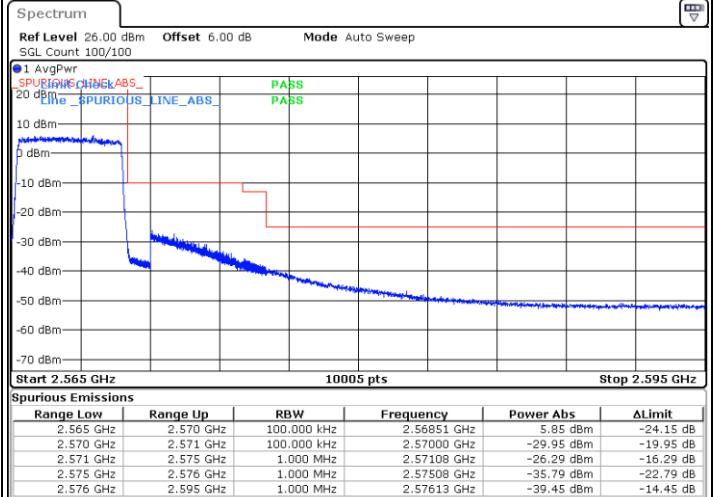
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



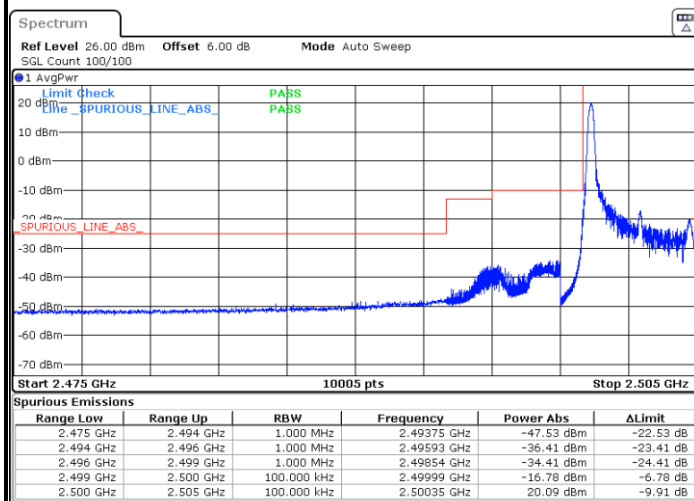
Highest Band Edge / Full RB



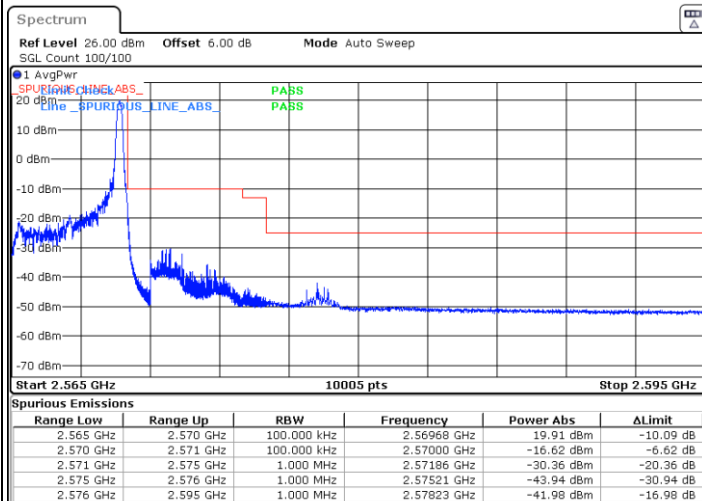


LTE Band 7 / 5MHz / 64QAM

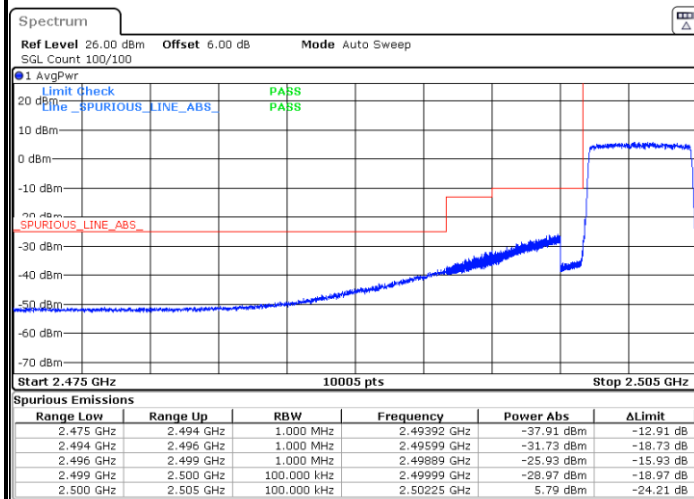
Lowest Band Edge / 1RB



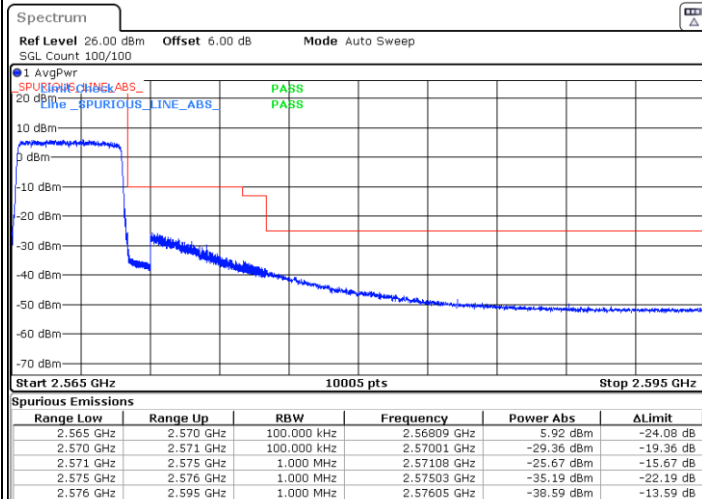
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



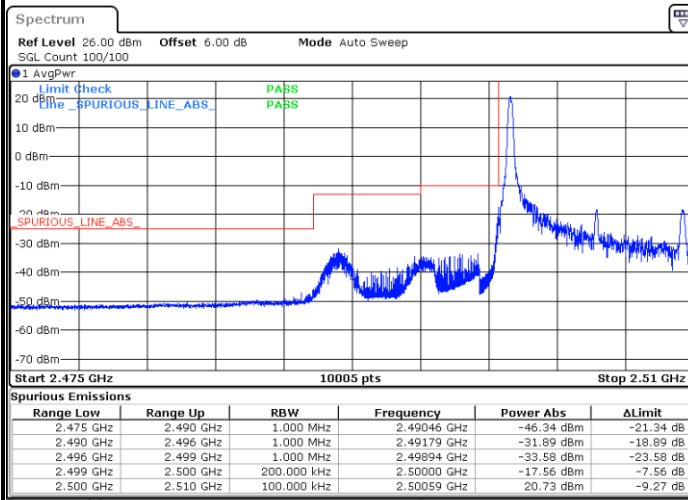
Highest Band Edge / Full RB





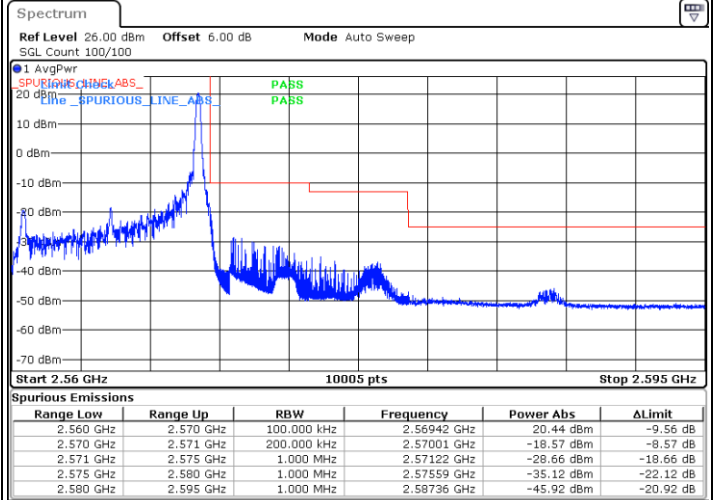
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



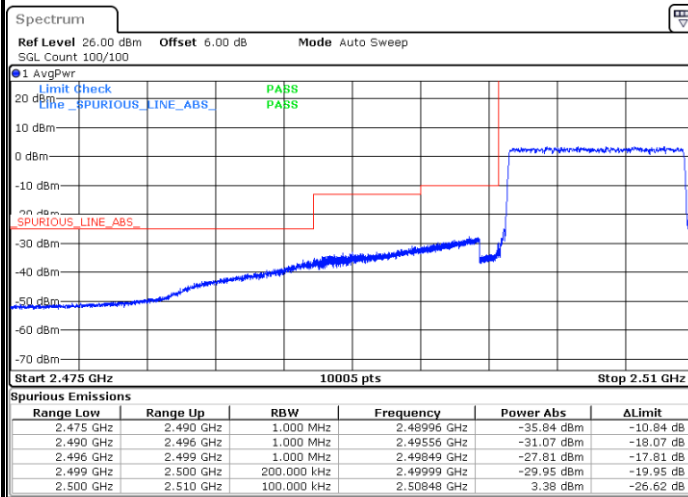
Date: 20.DEC.2021 04:12:48

Highest Band Edge / 1 RB



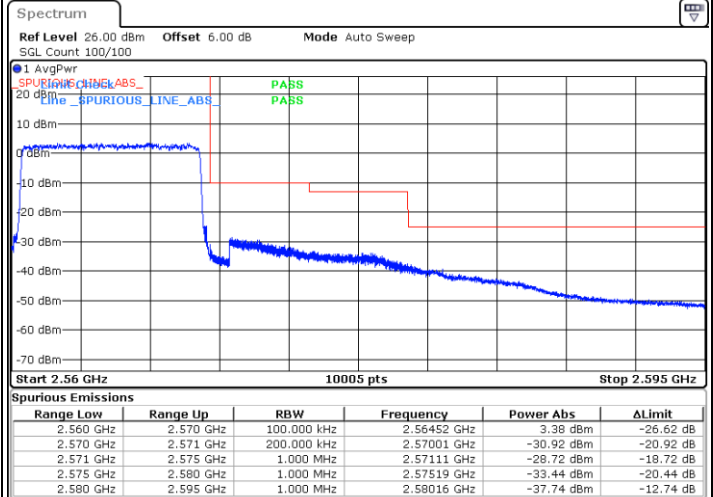
Date: 20.DEC.2021 04:21:46

Lowest Band Edge / Full RB



Date: 20.DEC.2021 04:10:53

Highest Band Edge / Full RB

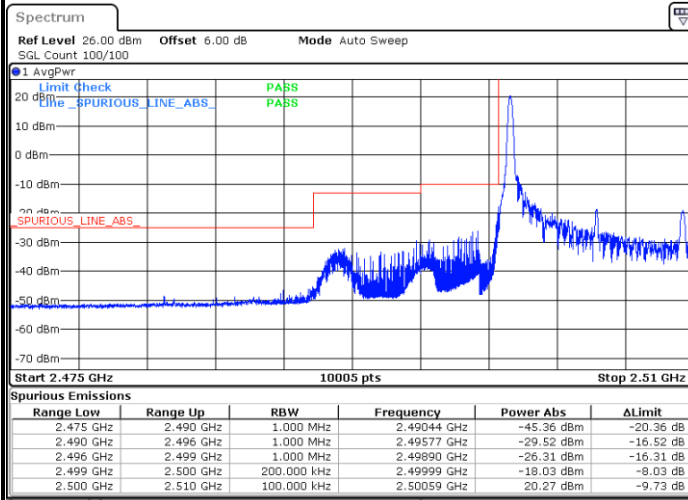


Date: 20.DEC.2021 04:19:45

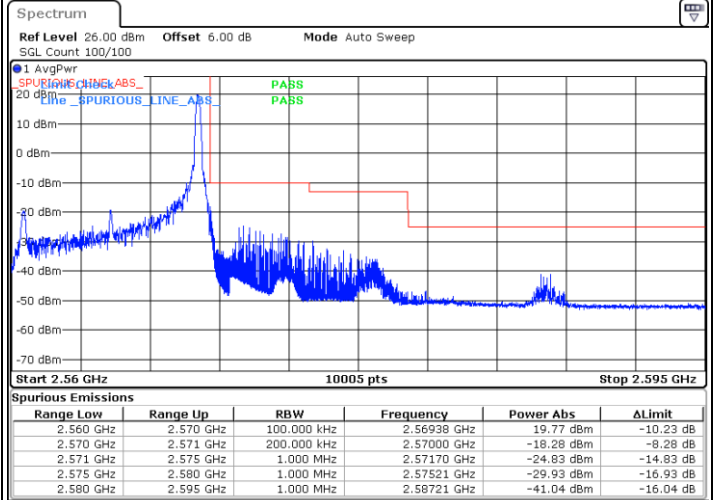


LTE Band 7 / 10MHz / 16QAM

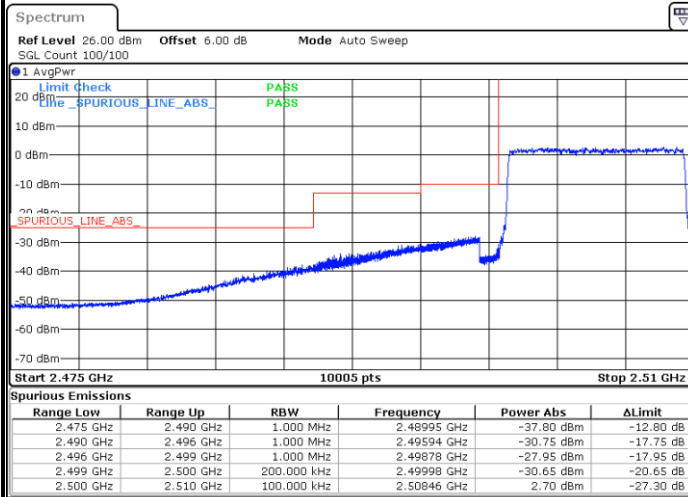
Lowest Band Edge / 1 RB



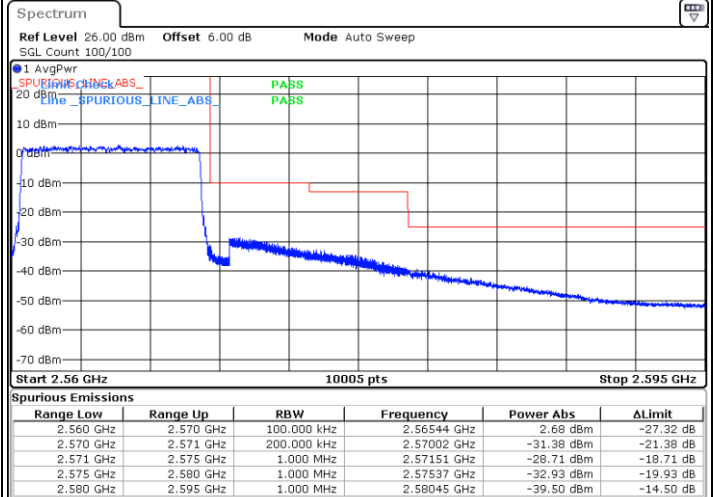
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



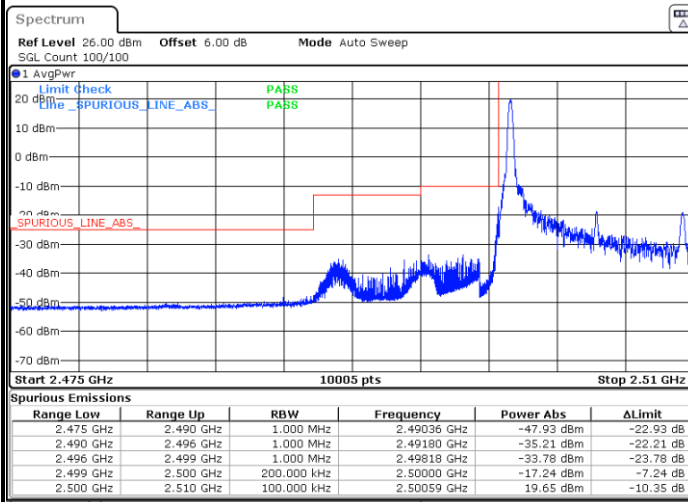
Highest Band Edge / Full RB



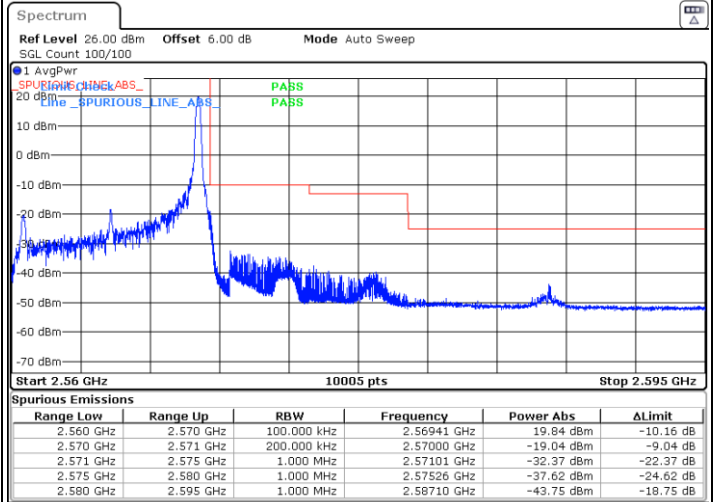


LTE Band 7 / 10MHz / 64QAM

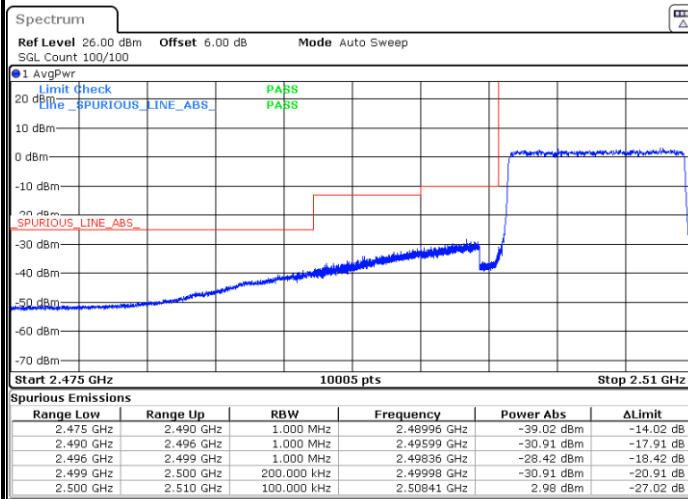
Lowest Band Edge / 1 RB



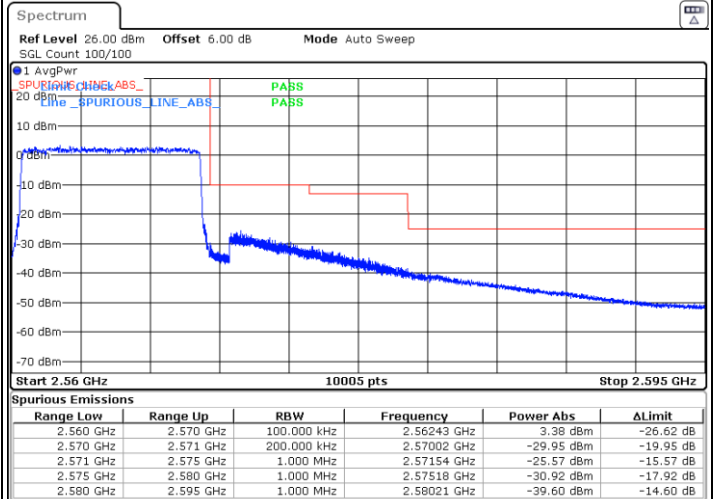
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



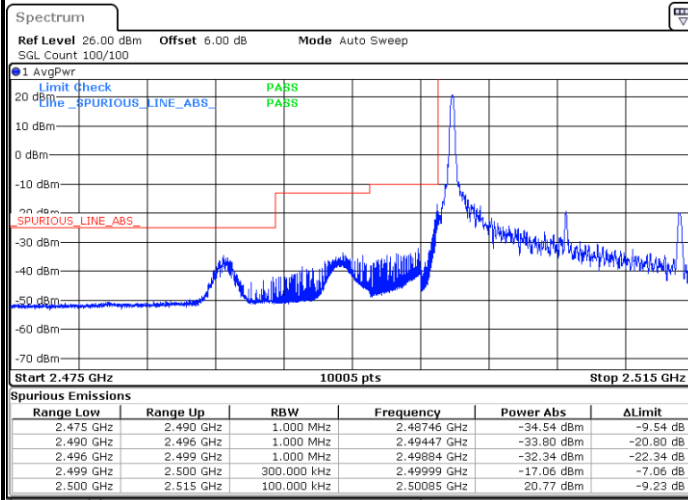
Highest Band Edge / Full RB



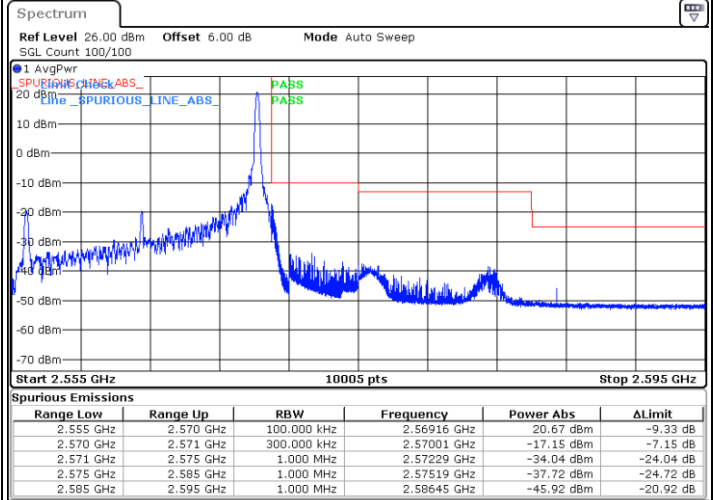


LTE Band 7 / 15MHz / QPSK

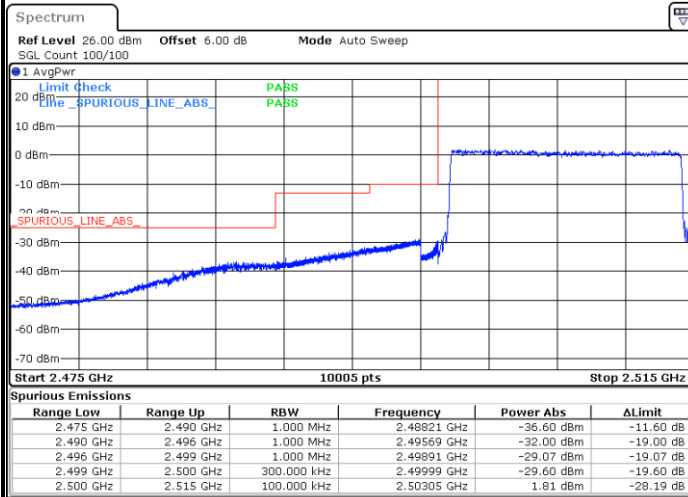
Lowest Band Edge / 1 RB



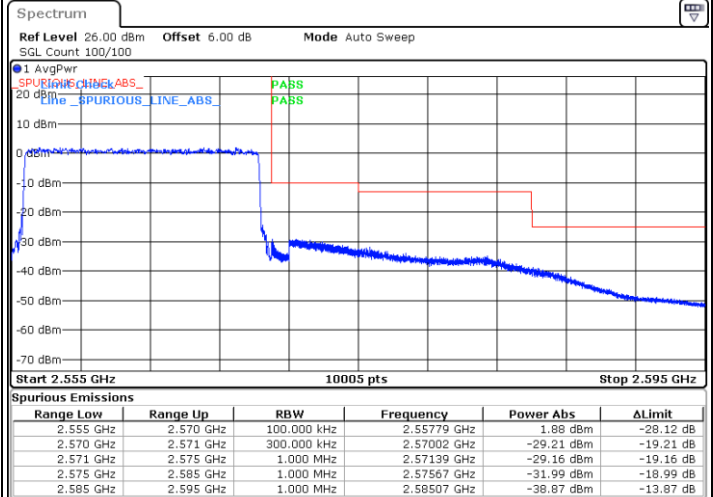
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



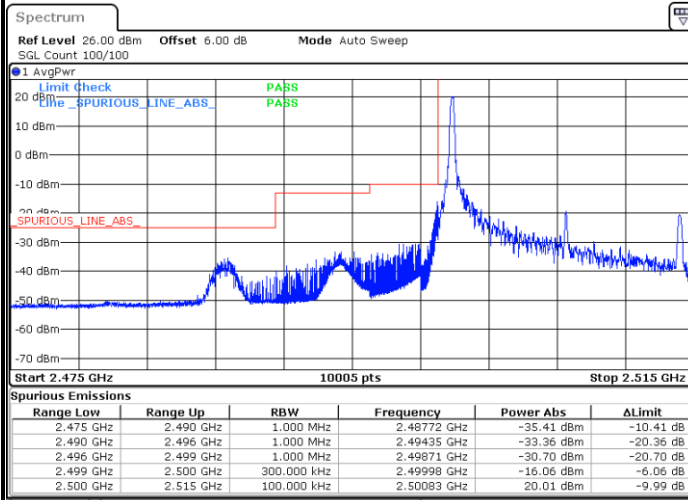
Highest Band Edge / Full RB



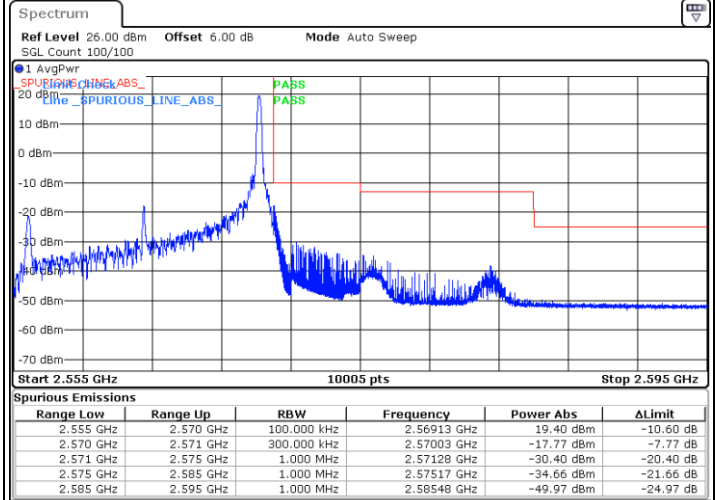


LTE Band 7 / 15MHz / 16QAM

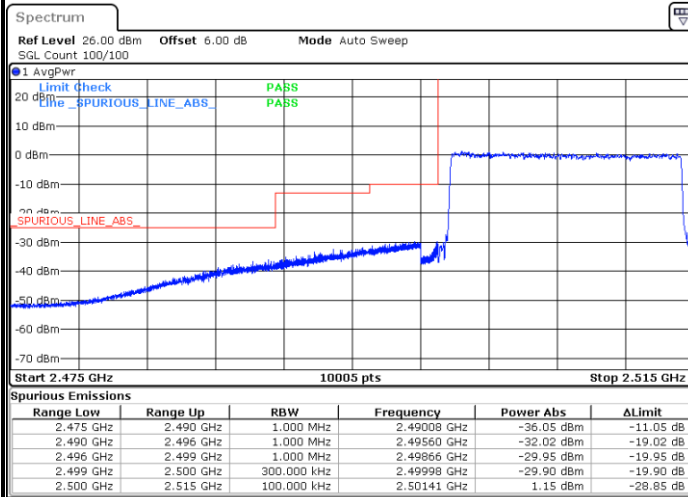
Lowest Band Edge / 1 RB



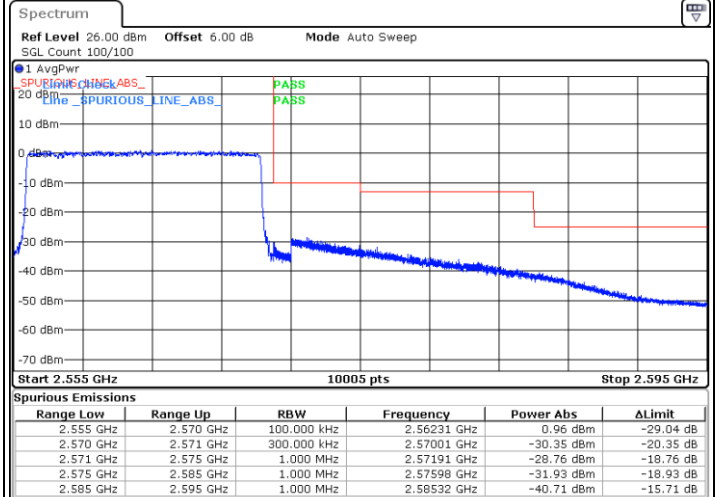
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



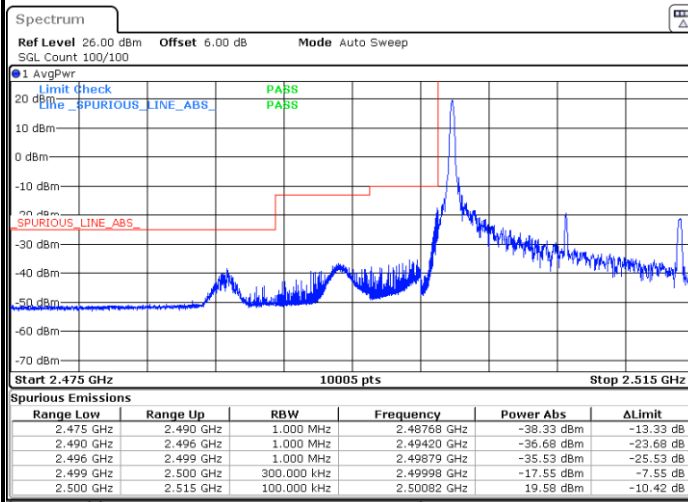
Highest Band Edge / Full RB





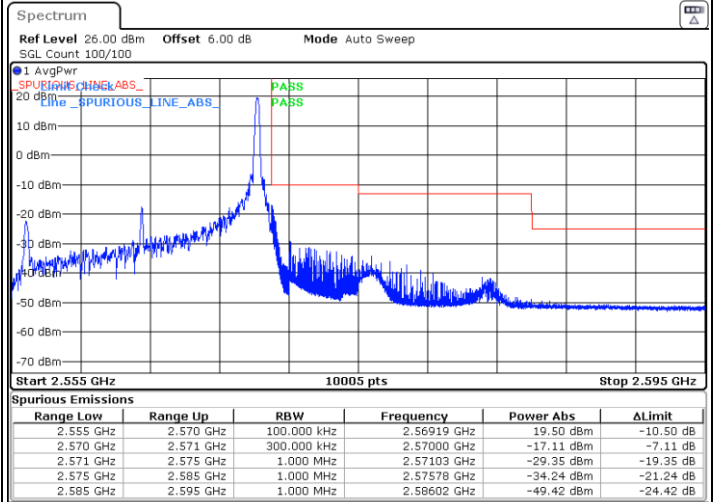
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



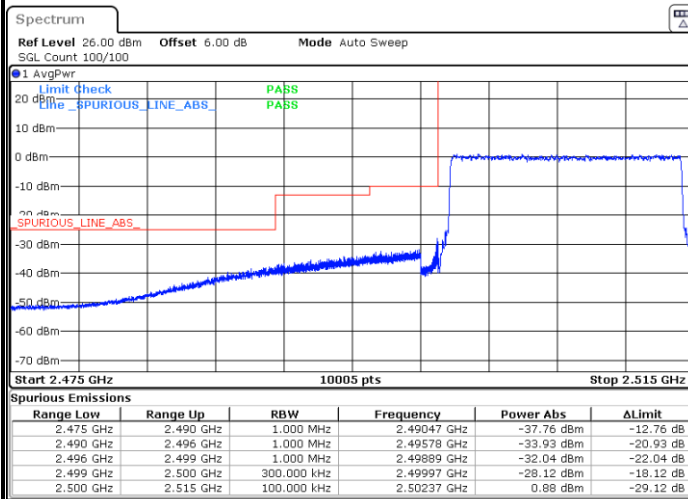
Date: 24.DEC.2021 16:43:46

Highest Band Edge / 1 RB



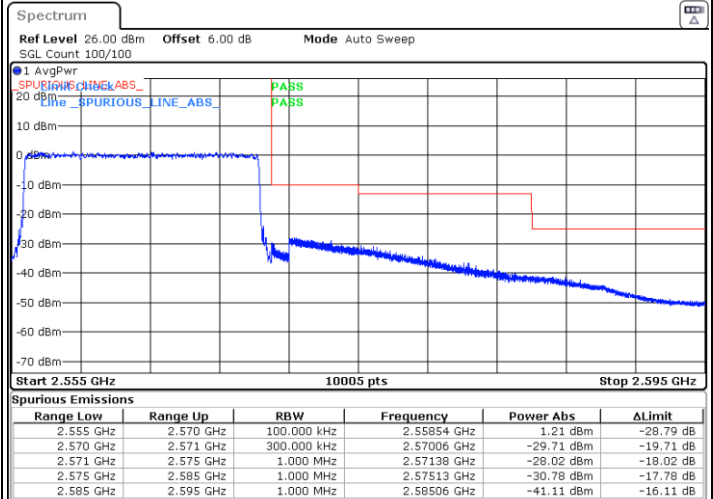
Date: 24.DEC.2021 16:45:54

Lowest Band Edge / Full RB



Date: 24.DEC.2021 16:44:50

Highest Band Edge / Full RB

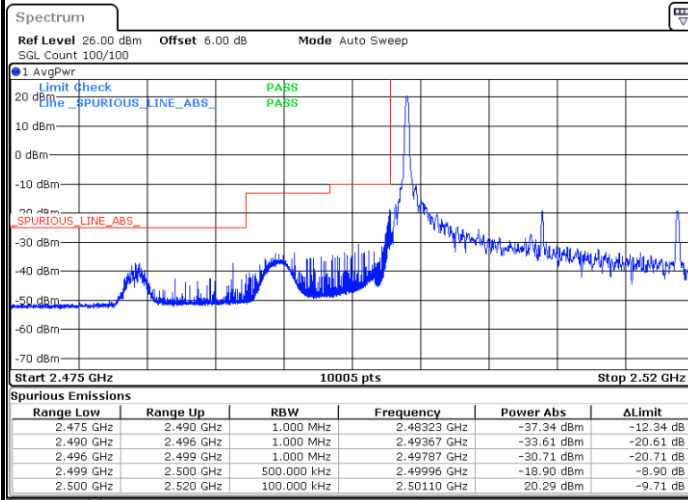


Date: 24.DEC.2021 16:46:57

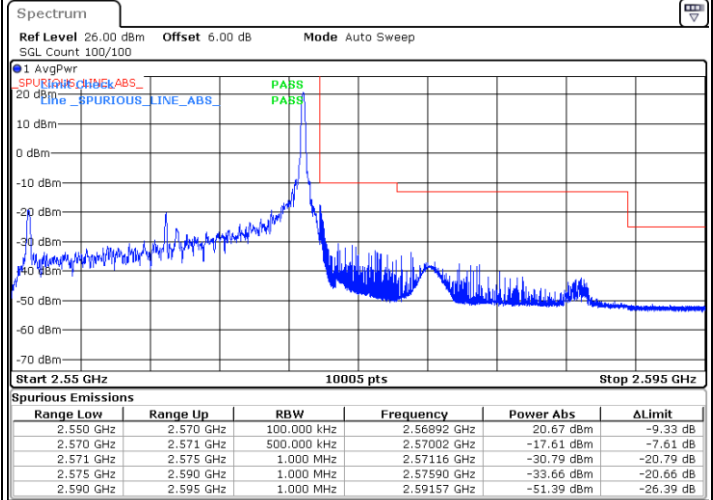


LTE Band 7 / 20MHz / QPSK

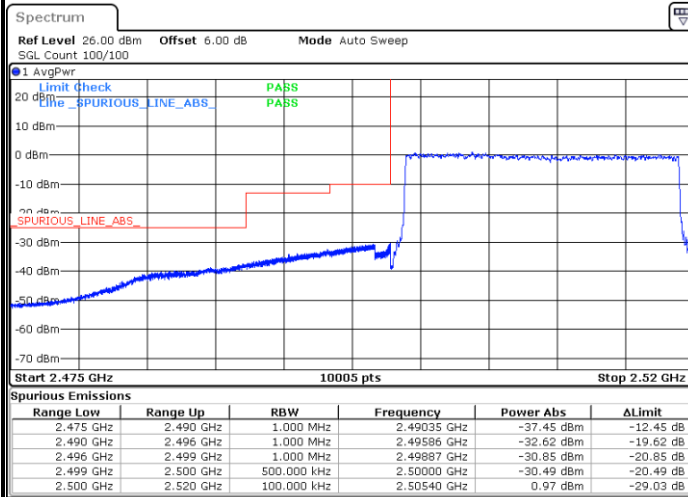
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

