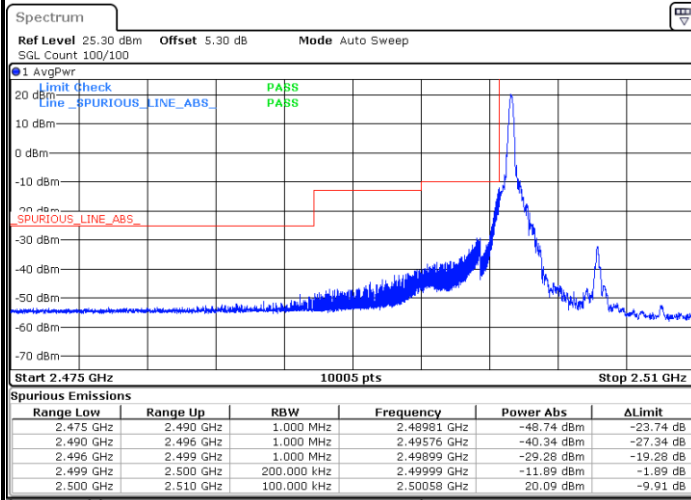


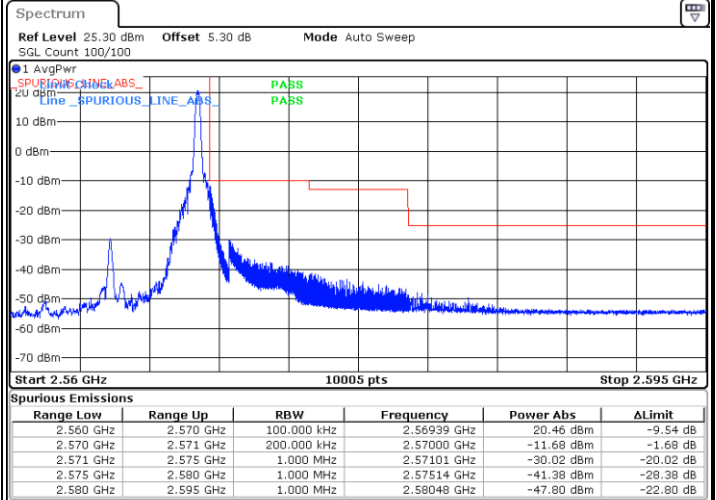


LTE Band 7 / 10MHz / QPSK

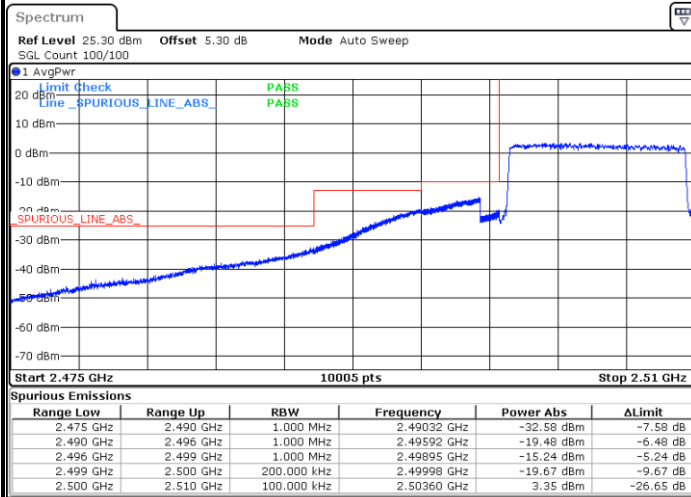
Lowest Band Edge / 1 RB



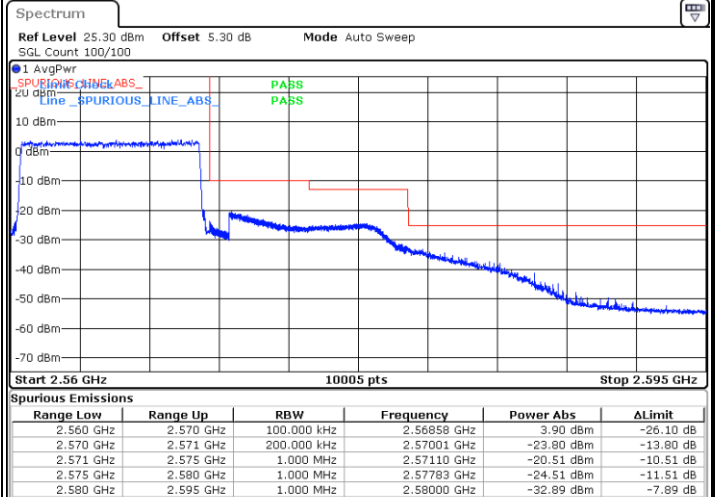
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



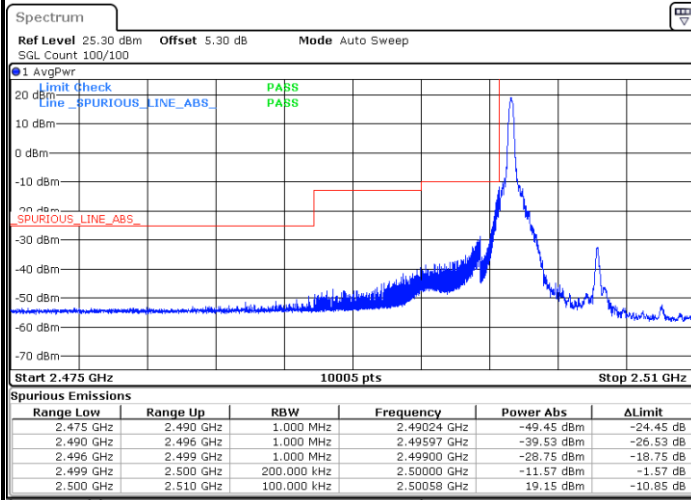
Highest Band Edge / Full RB



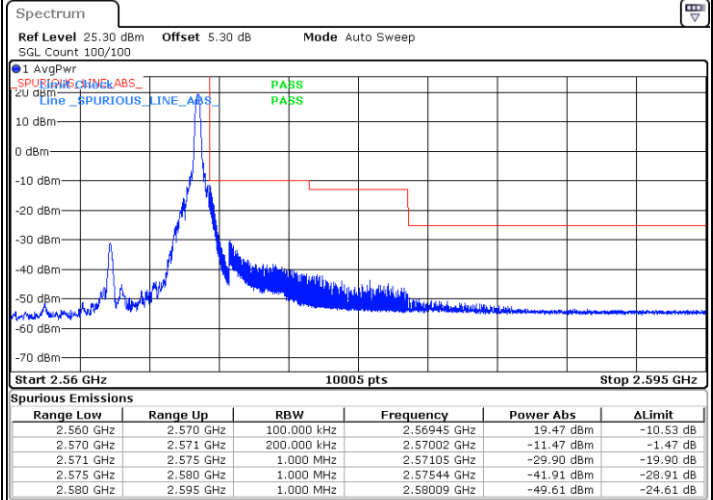


LTE Band 7 / 10MHz / 16QAM

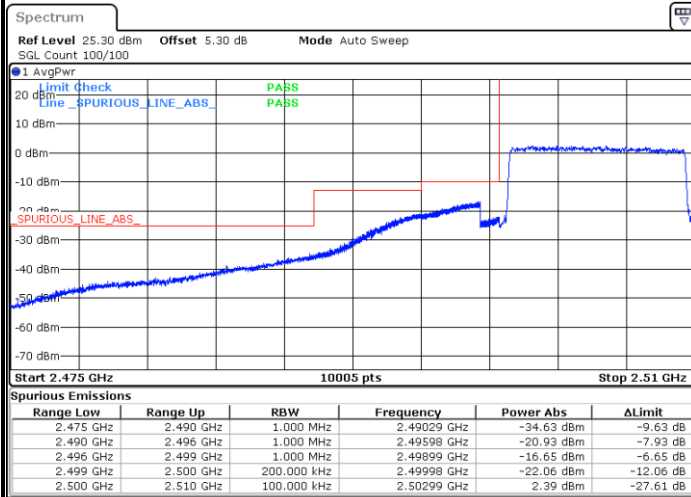
Lowest Band Edge / 1 RB



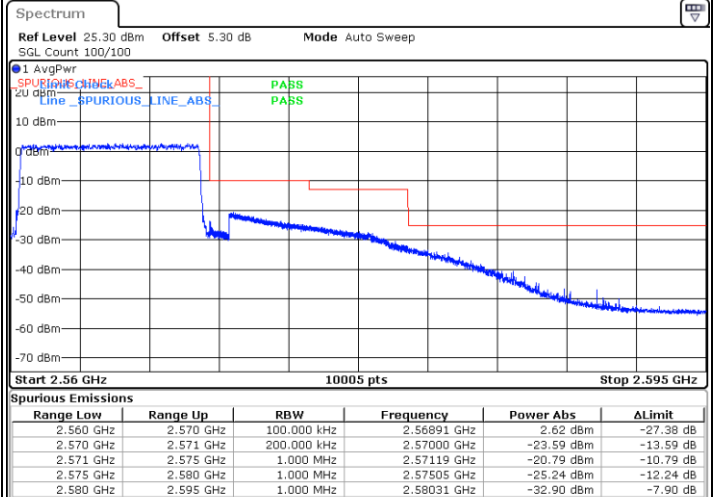
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



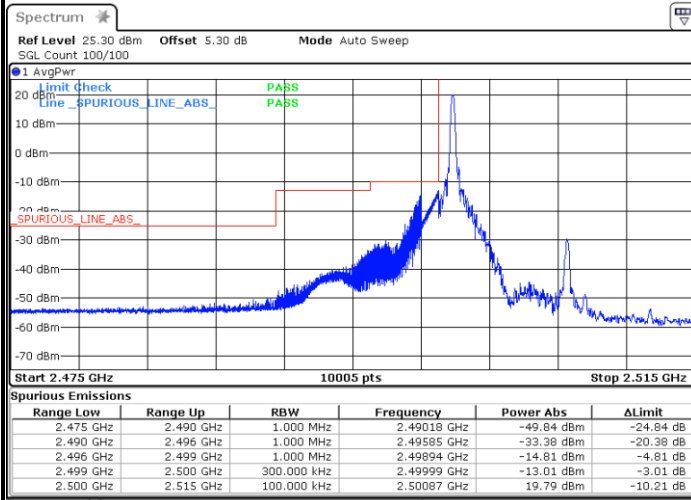
Highest Band Edge / Full RB





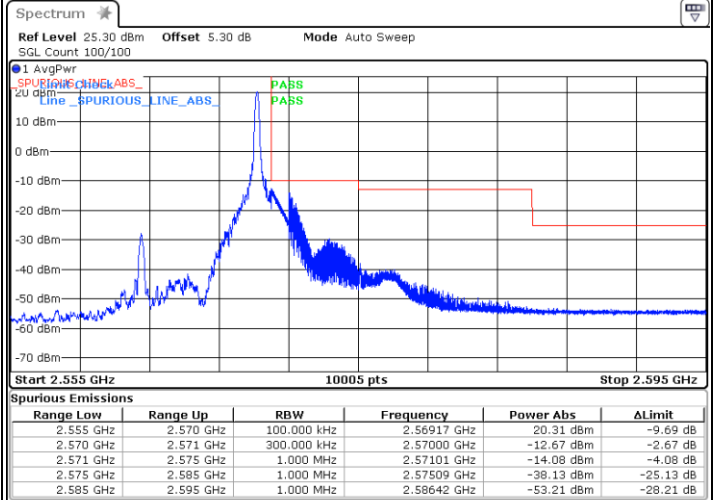
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



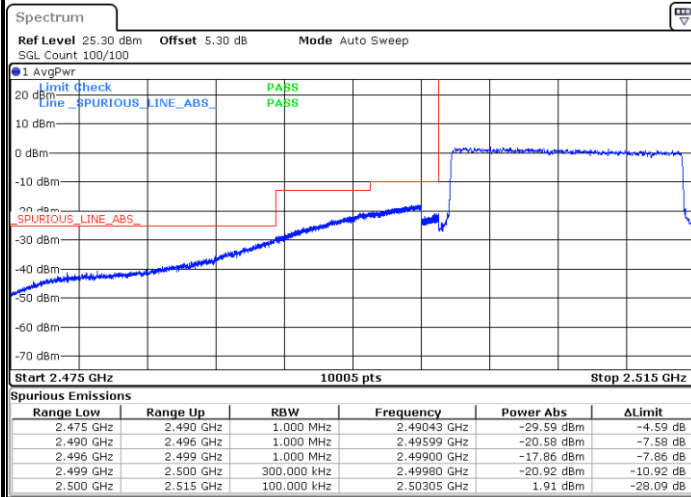
Date: 27 NOV 2020 05:17:44

Highest Band Edge / 1 RB



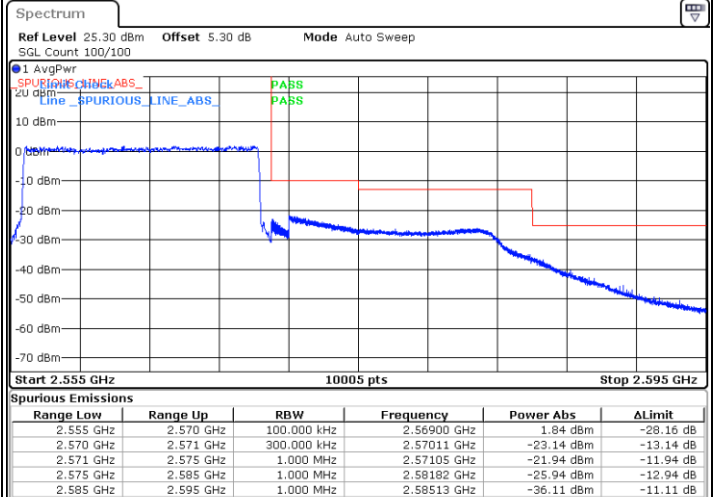
Date: 27 NOV 2020 05:20:10

Lowest Band Edge / Full RB



Date: 27 NOV 2020 03:53:32

Highest Band Edge / Full RB

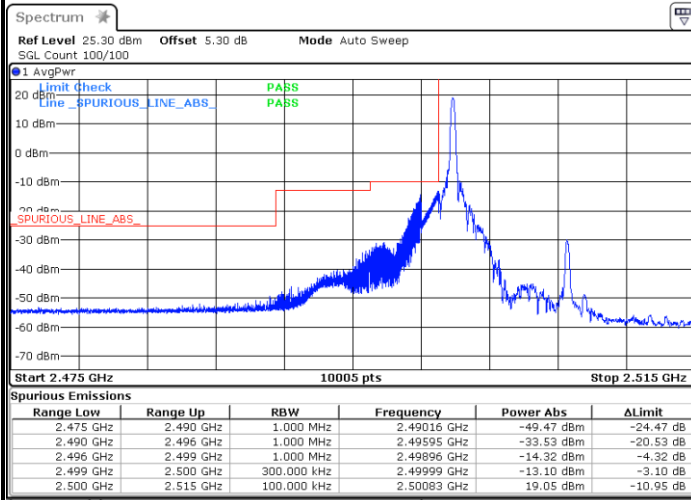


Date: 27 NOV 2020 04:02:59

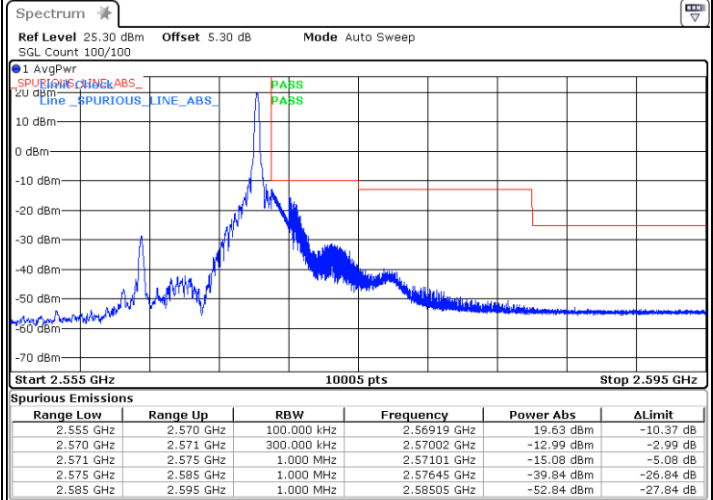


LTE Band 7 / 15MHz / 16QAM

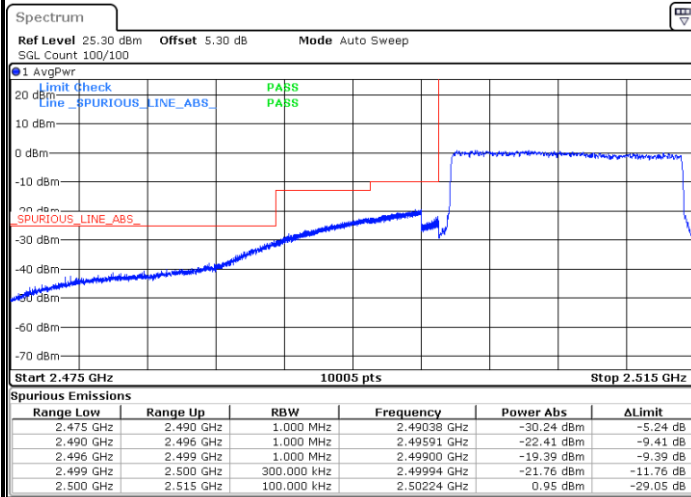
Lowest Band Edge / 1 RB



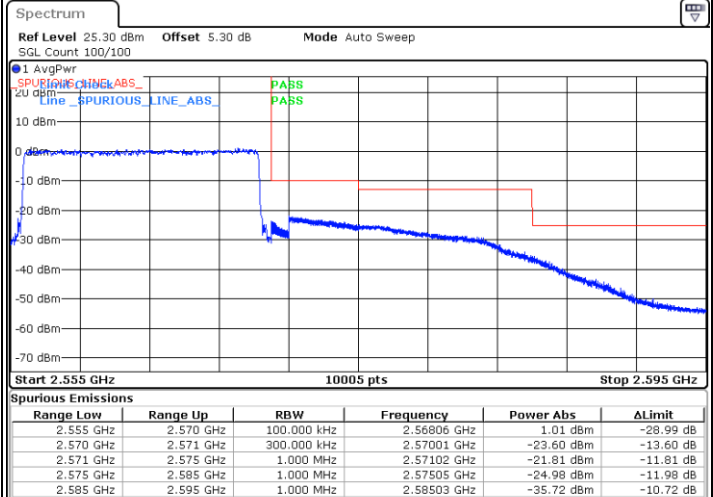
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



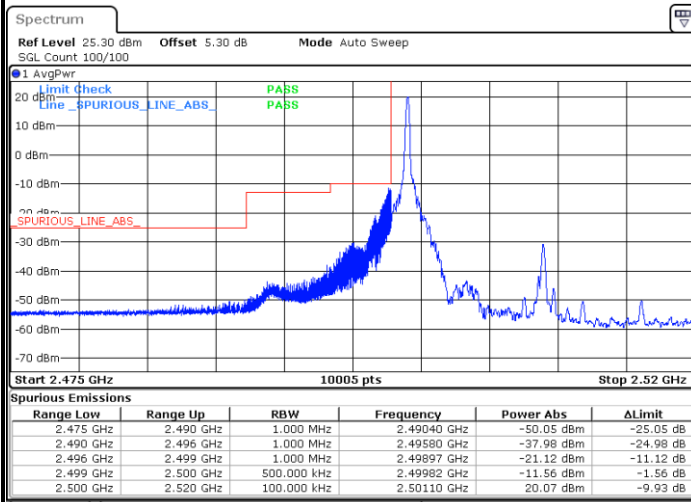
Highest Band Edge / Full RB





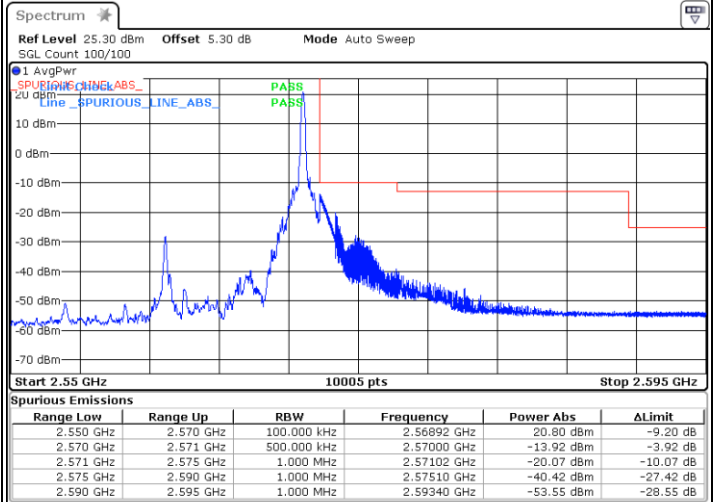
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



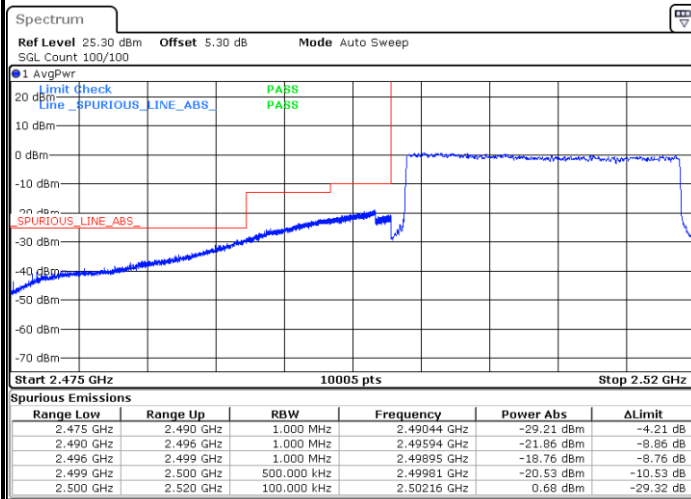
Date: 27 NOV 2020 04:17:01

Highest Band Edge / 1 RB



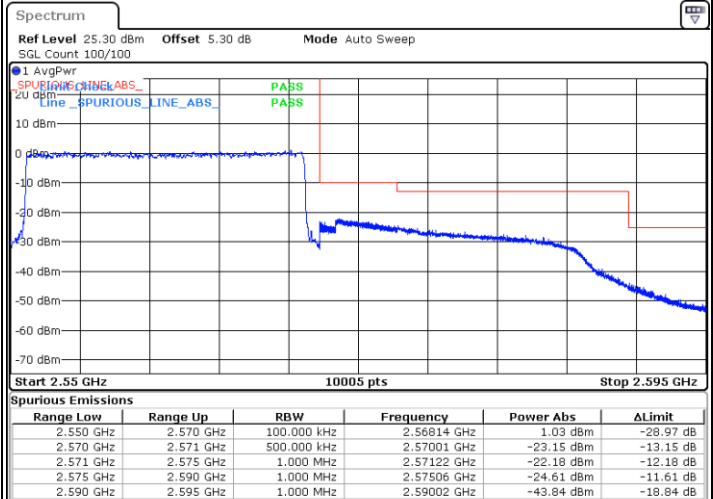
Date: 27 NOV 2020 04:50:25

Lowest Band Edge / Full RB



Date: 27 NOV 2020 04:19:18

Highest Band Edge / Full RB

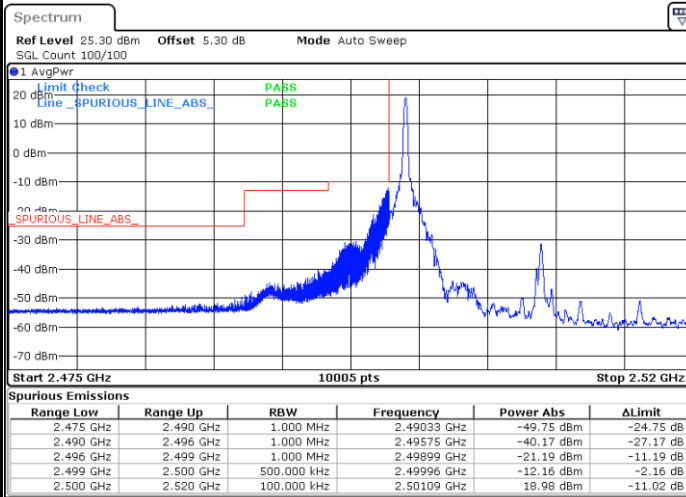


Date: 27 NOV 2020 04:29:53

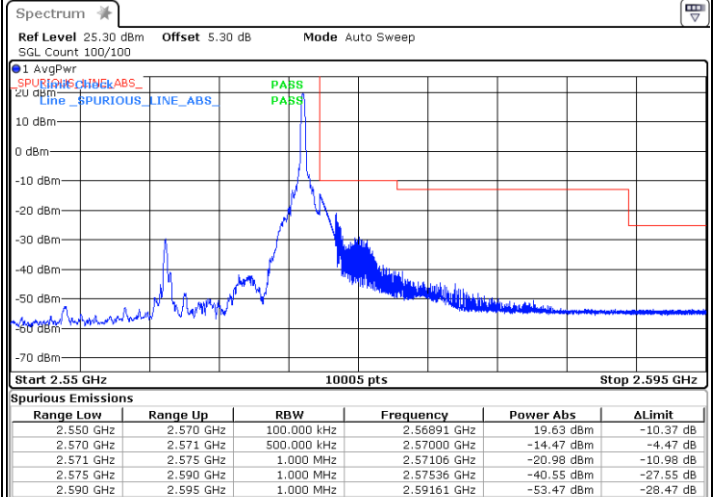


LTE Band 7 / 20MHz / 16QAM

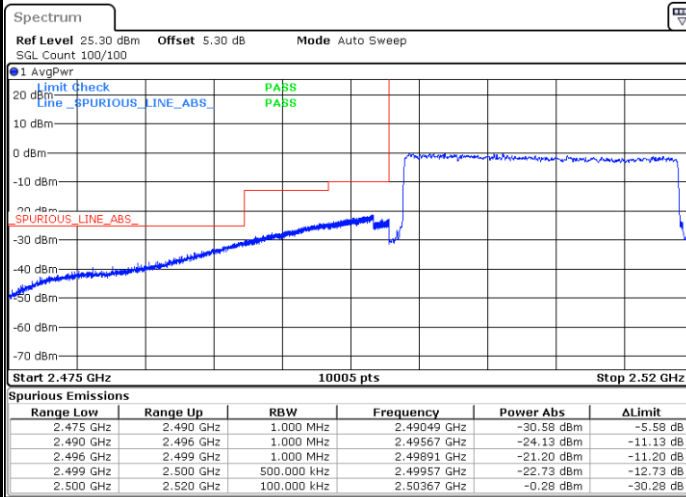
Lowest Band Edge / 1 RB



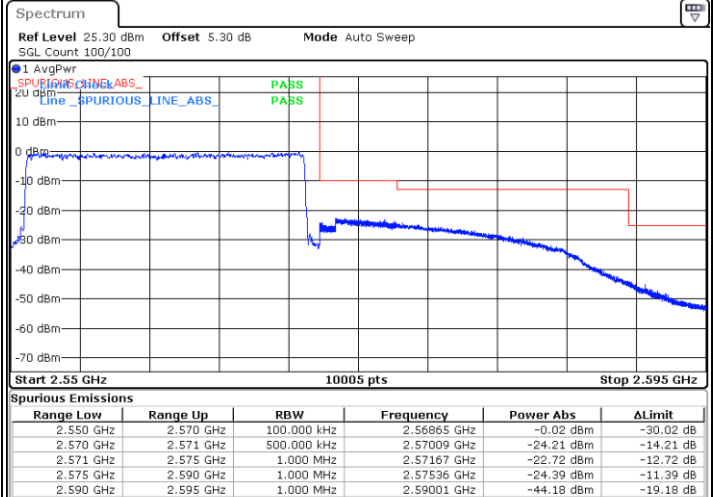
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

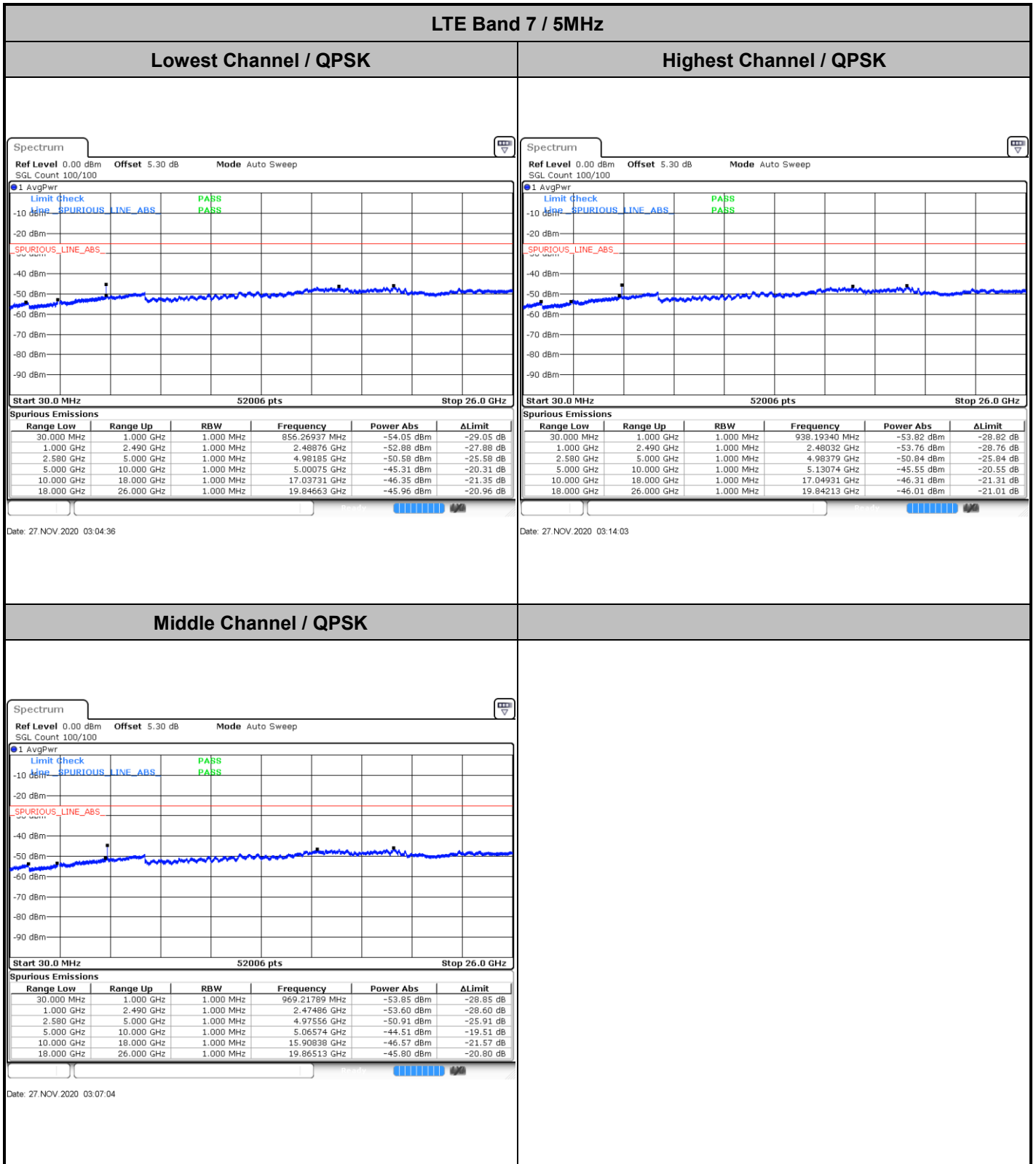


Highest Band Edge / Full RB





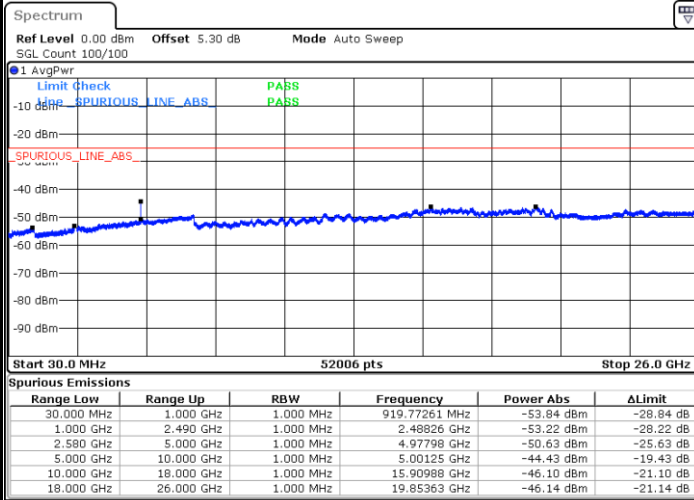
Conducted Spurious Emission





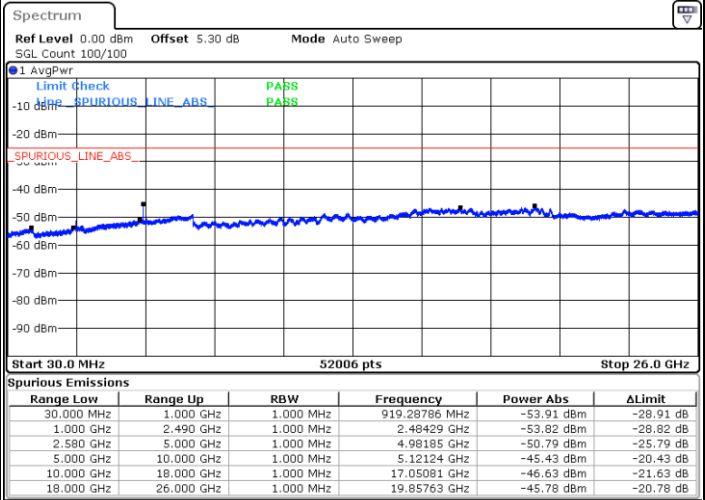
LTE Band 7 / 10MHz

Lowest Channel / QPSK



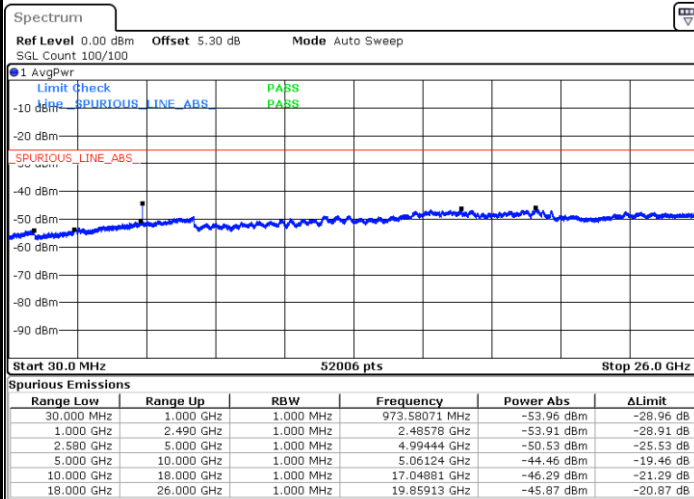
Date: 27 NOV 2020 03:30:06

Highest Channel / QPSK



Date: 27 NOV 2020 03:39:33

Middle Channel / QPSK



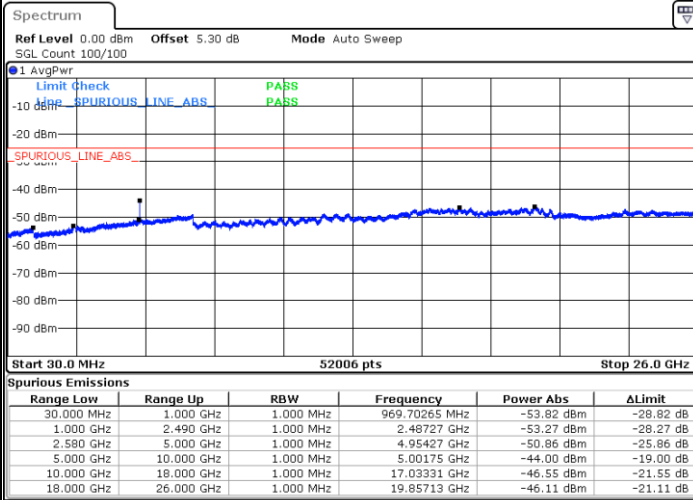
Date: 27 NOV 2020 03:32:33



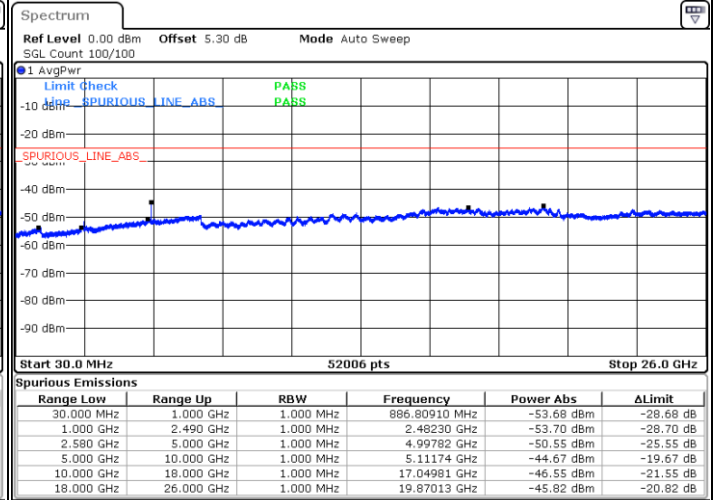
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Highest Channel / QPSK

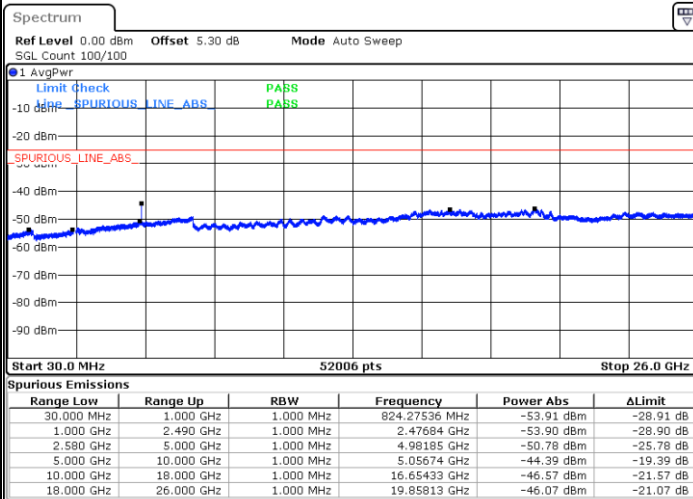


Date: 27 NOV 2020 03:55:33



Date: 27 NOV 2020 04:05:00

Middle Channel / QPSK

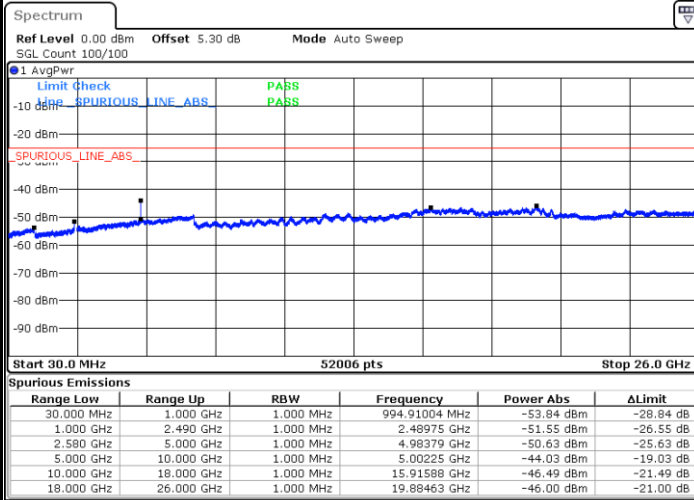


Date: 27 NOV 2020 03:58:00



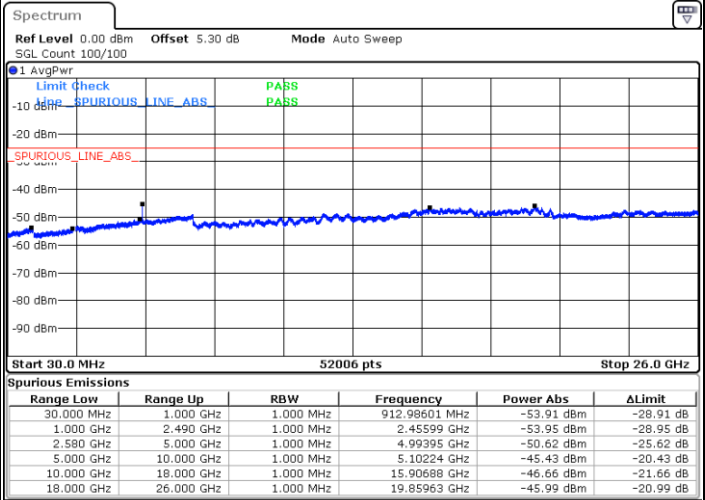
LTE Band 7 / 20MHz

Lowest Channel / QPSK



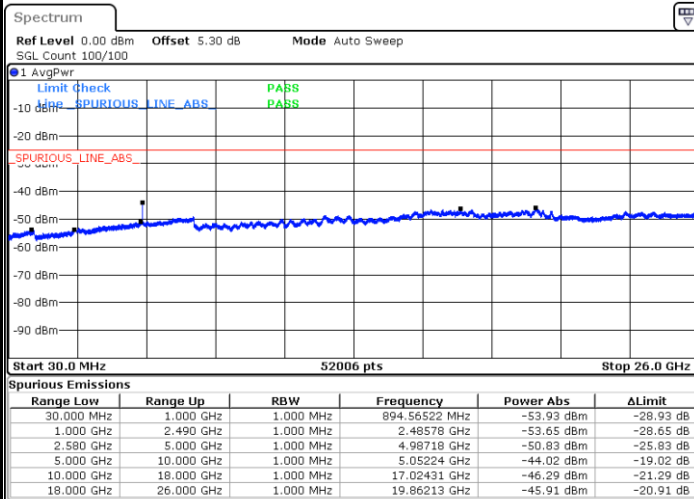
Date: 27 NOV 2020 04:21:19

Highest Channel / QPSK



Date: 27 NOV 2020 04:30:46

Middle Channel / QPSK



Date: 27 NOV 2020 04:23:46

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0004	

Note:

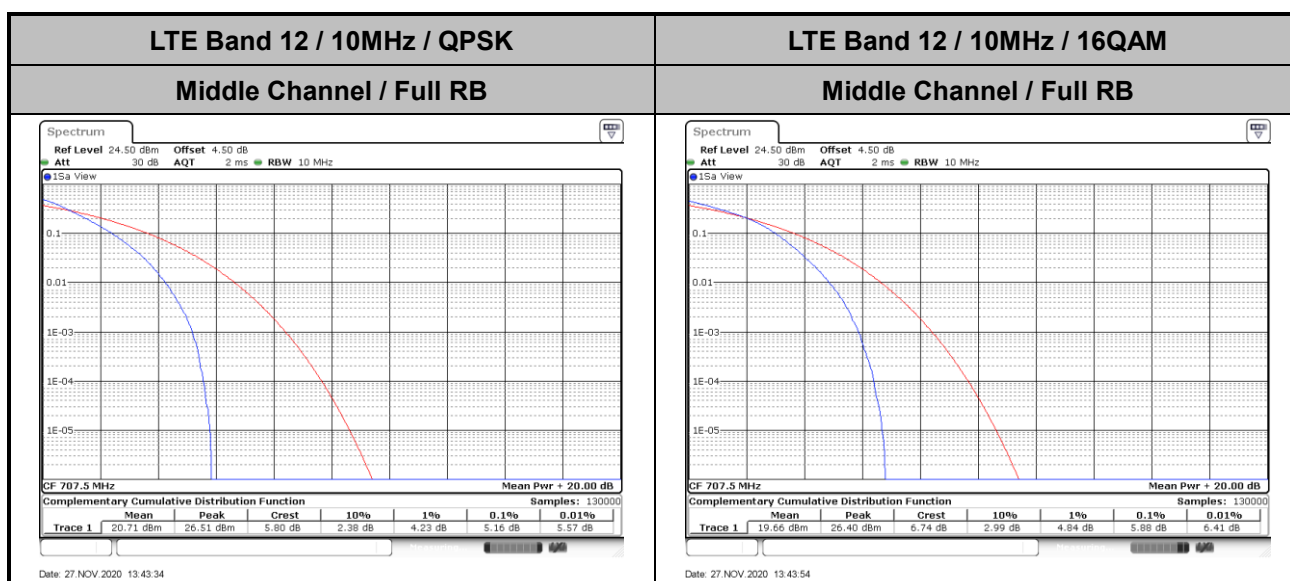
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

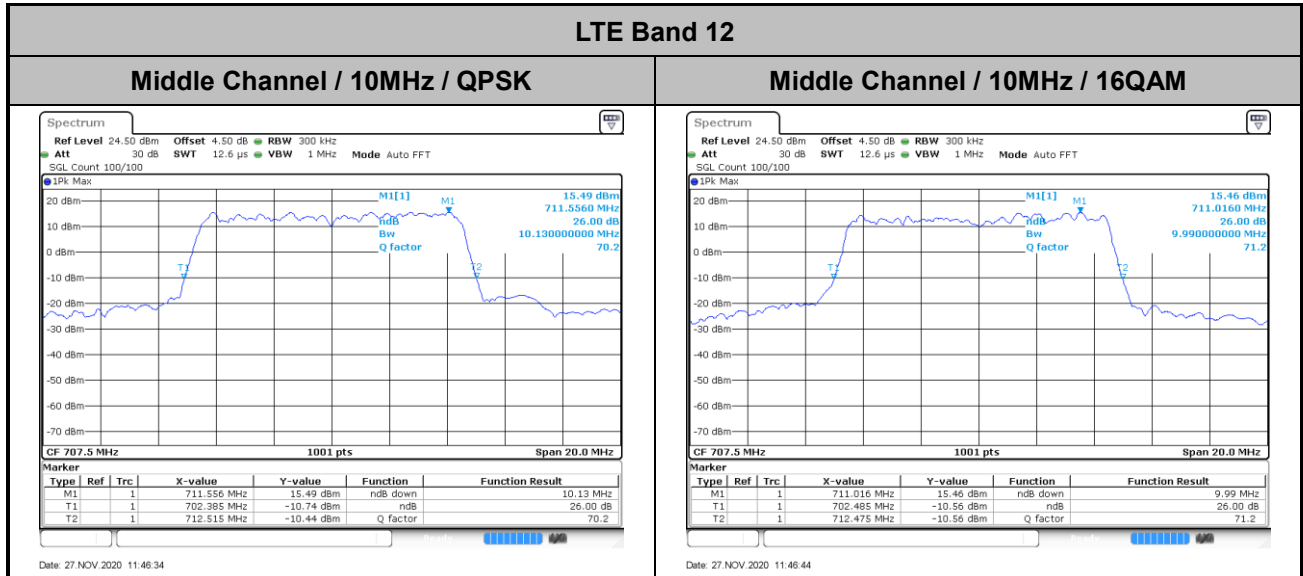
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.16	5.88	PASS



**26dB Bandwidth**

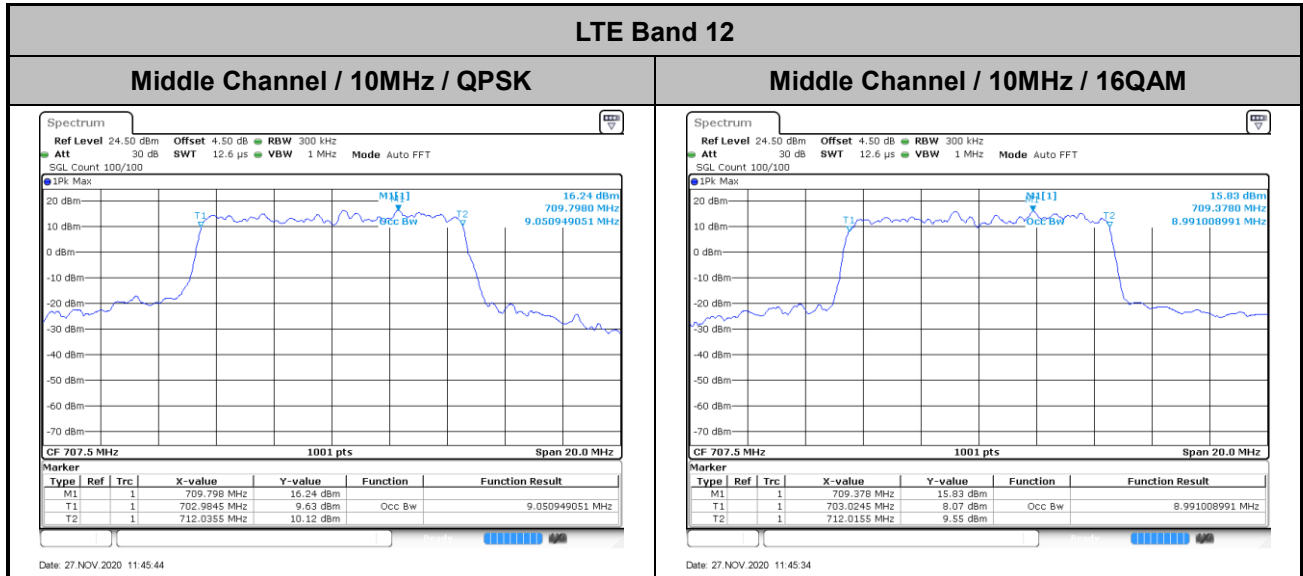
Mode	LTE Band 12 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	10.13	9.99





Occupied Bandwidth

Mode	LTE Band 12 : OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	8.99

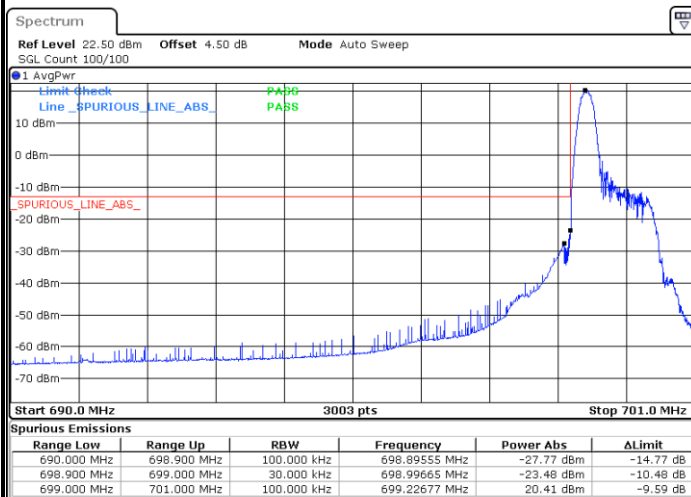




Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

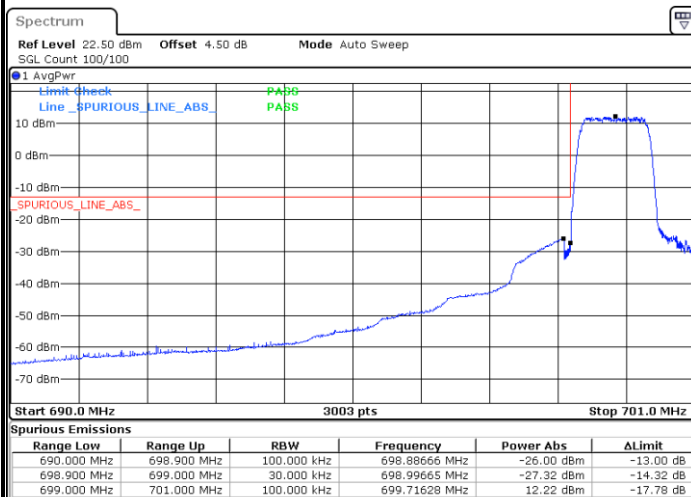
Lowest Band Edge / 1 RB



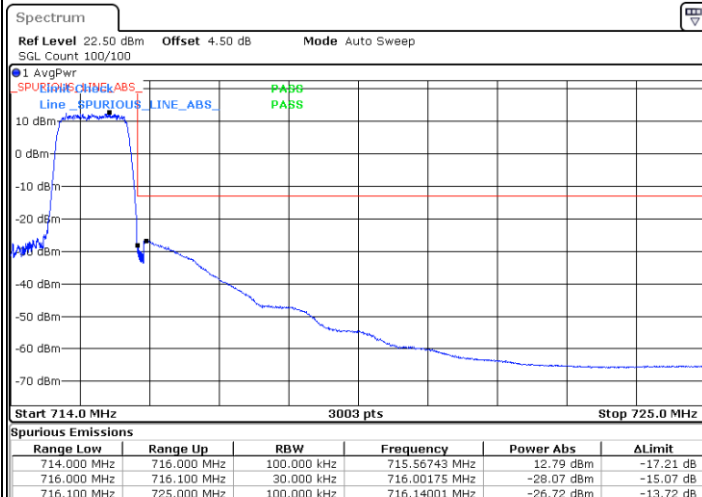
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



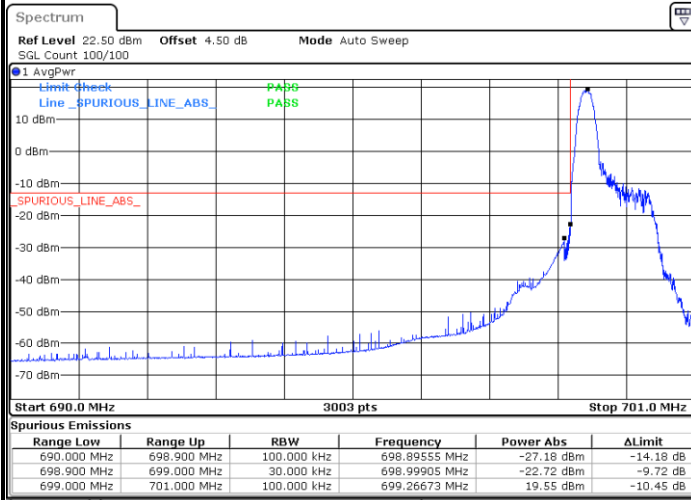
Highest Band Edge / Full RB



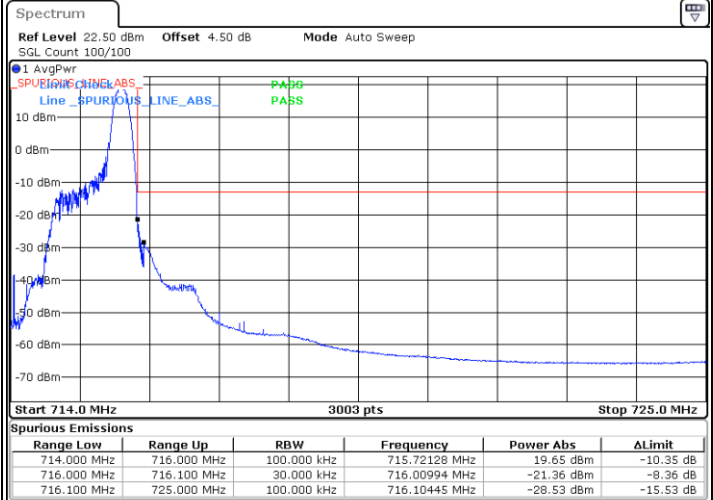


LTE Band 12 / 1.4MHz / 16QAM

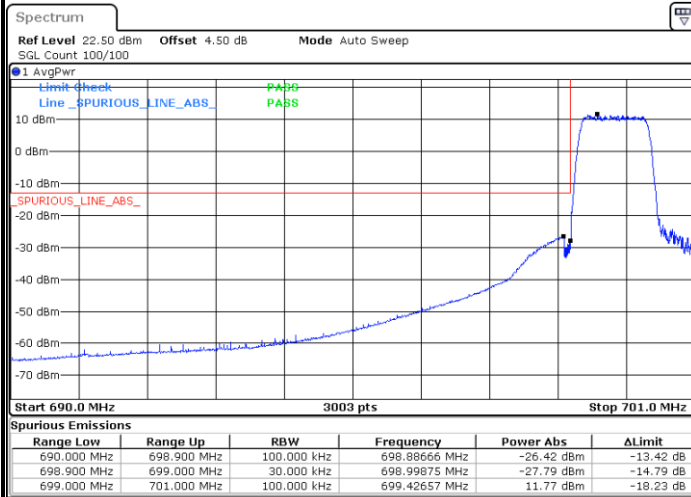
Lowest Band Edge / 1 RB



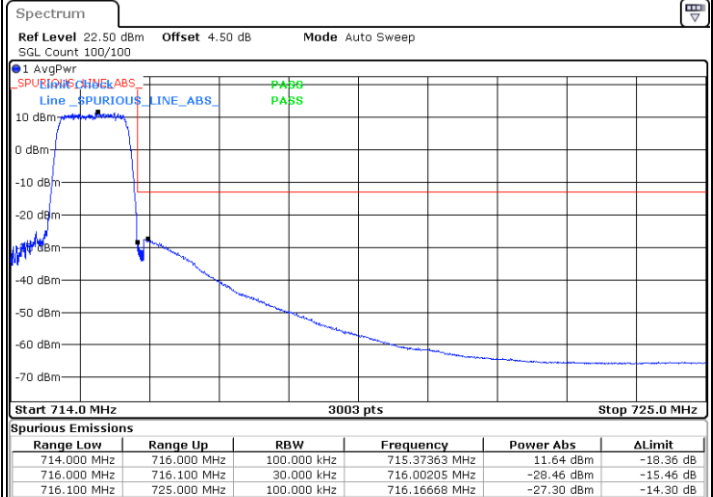
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



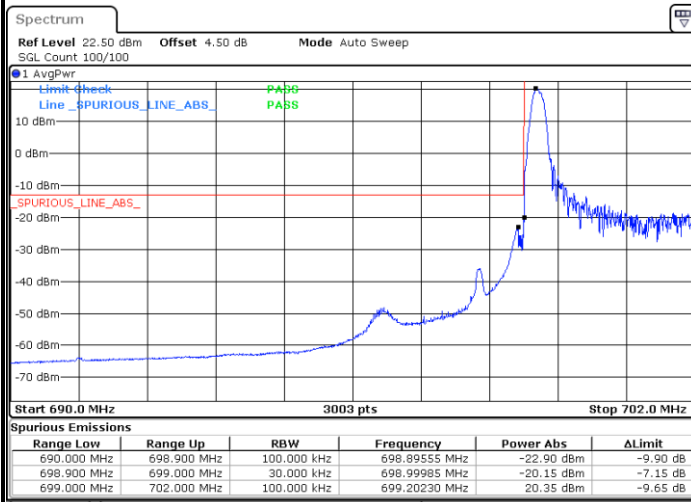
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / QPSK

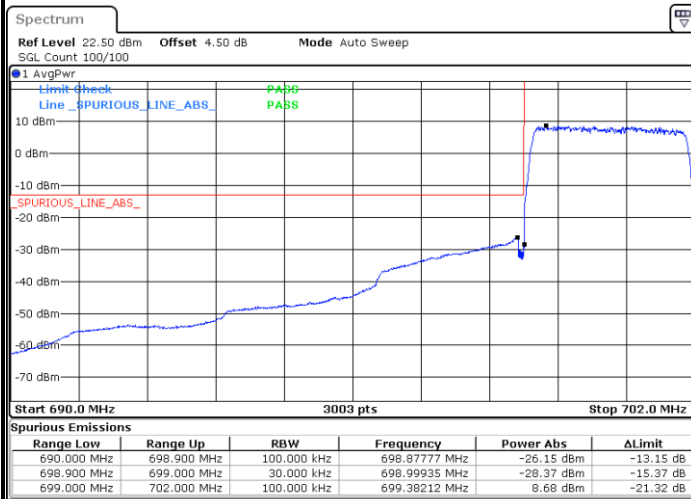
Lowest Band Edge / 1RB



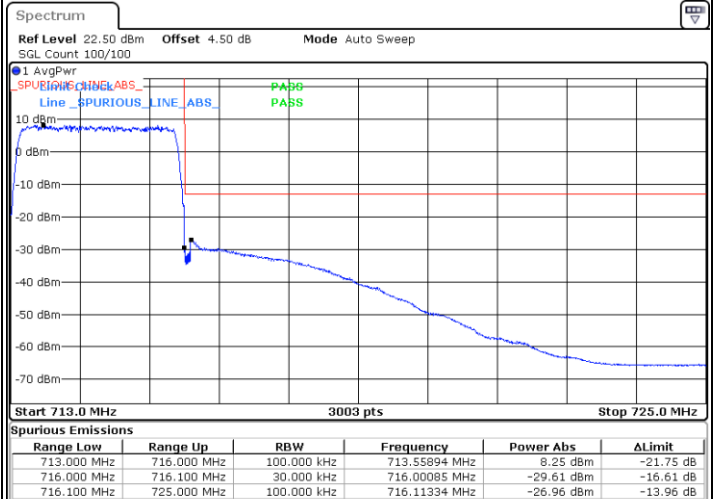
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



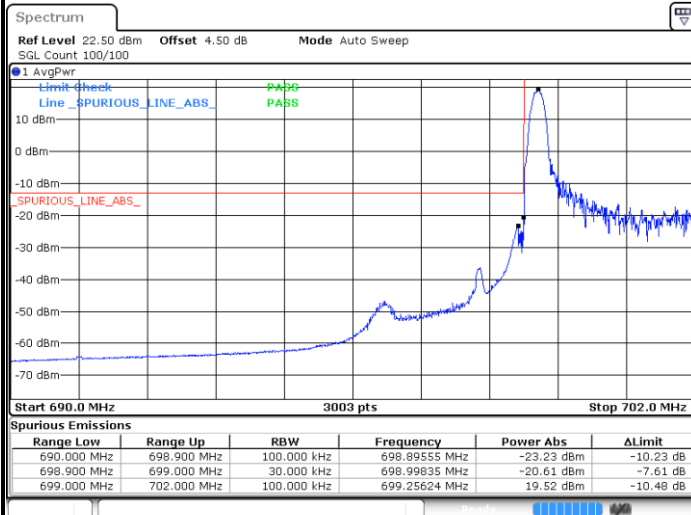
Highest Band Edge / Full RB



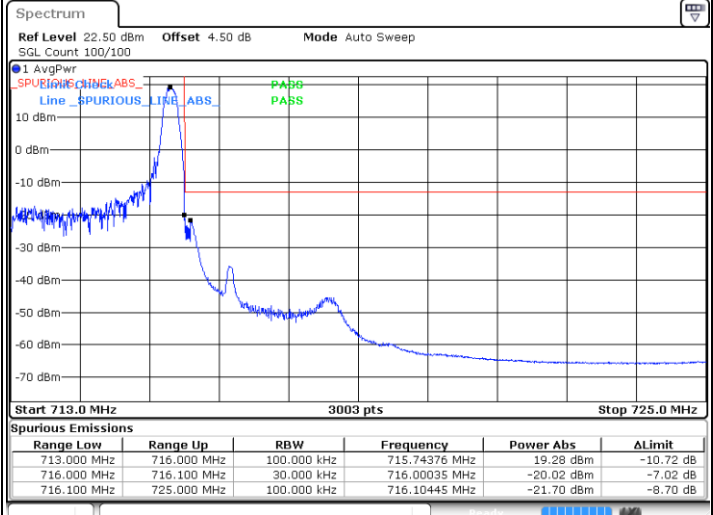


LTE Band 12 / 3MHz / 16QAM

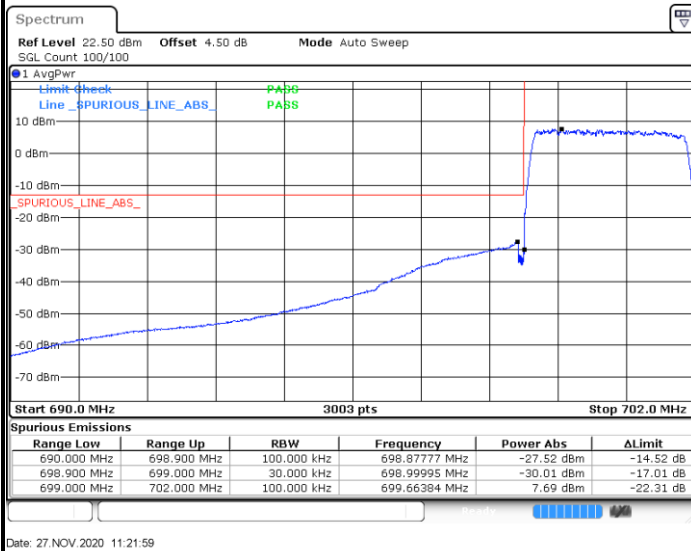
Lowest Band Edge / 1 RB



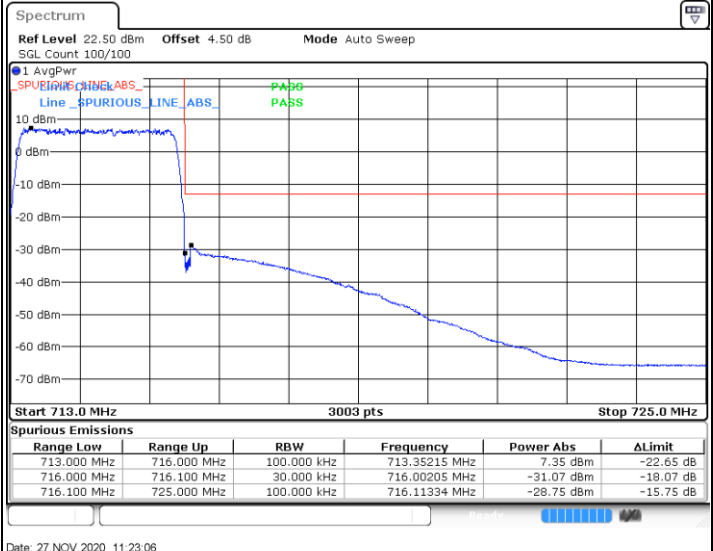
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



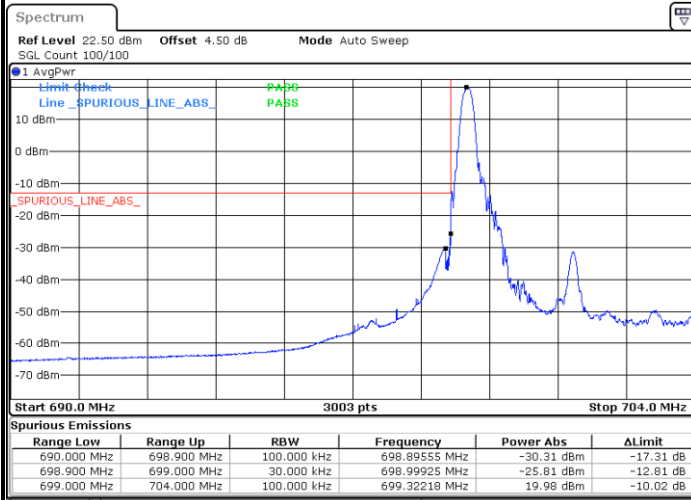
Highest Band Edge / Full RB



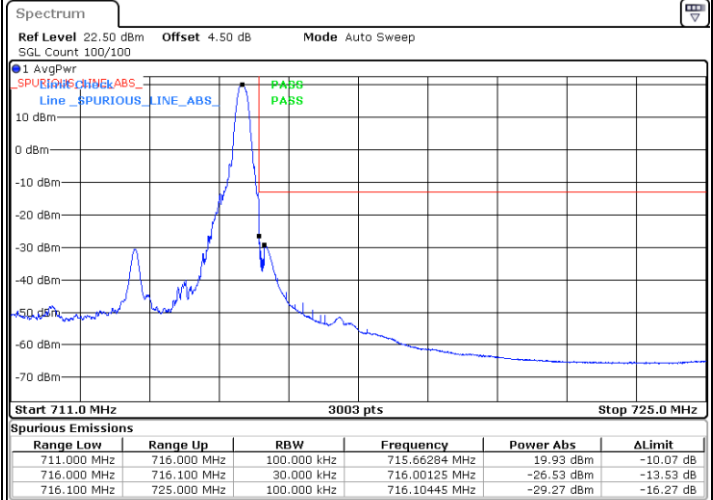


LTE Band 12 / 5MHz / QPSK

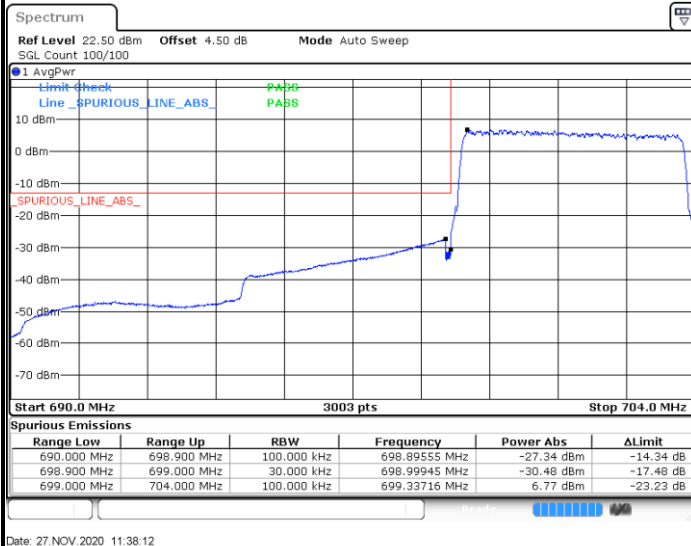
Lowest Band Edge / 1 RB



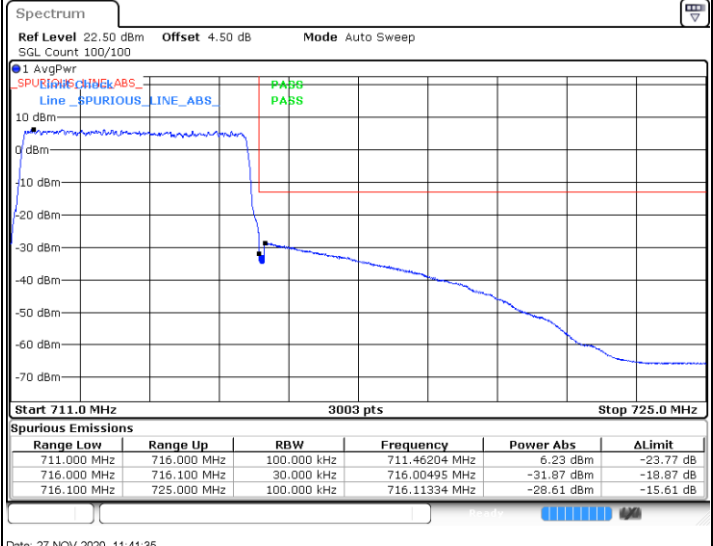
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



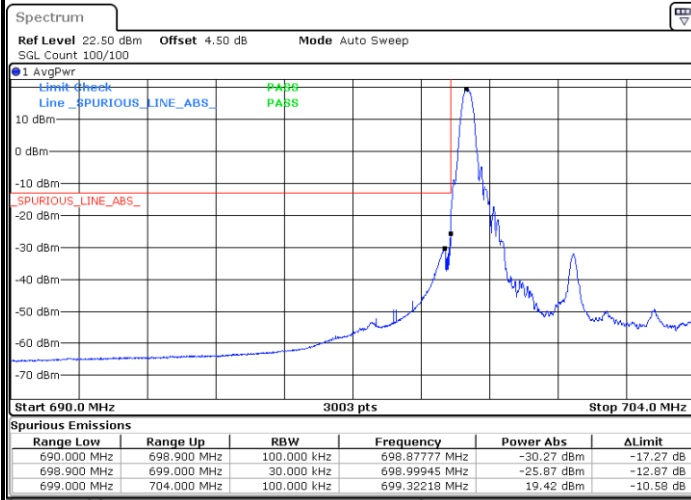
Highest Band Edge / Full RB



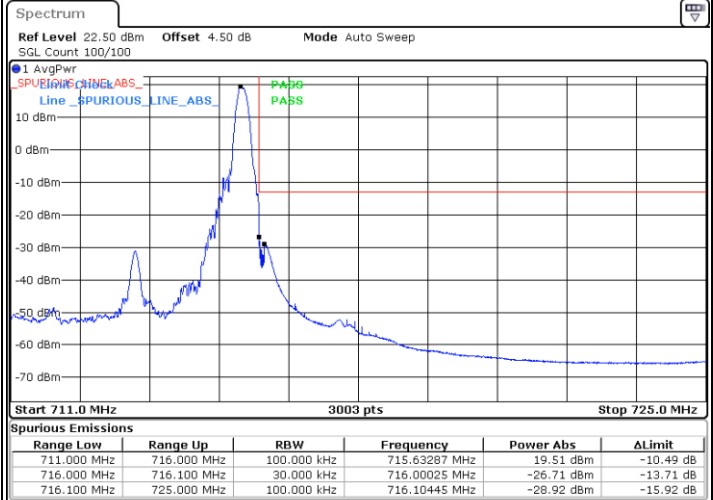


LTE Band 12 / 5MHz / 16QAM

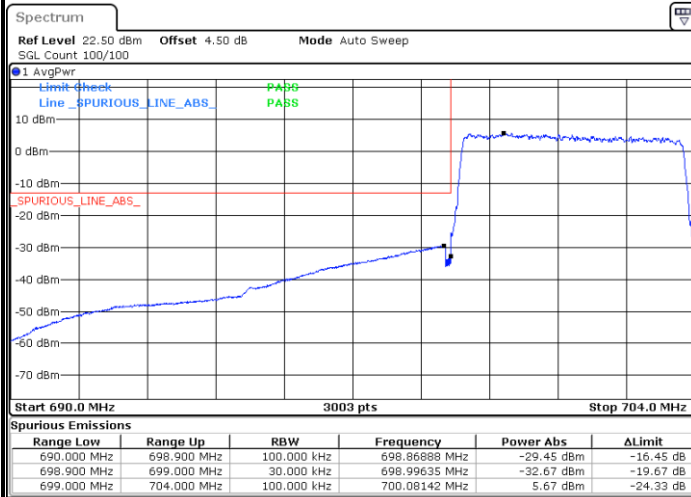
Lowest Band Edge / 1RB



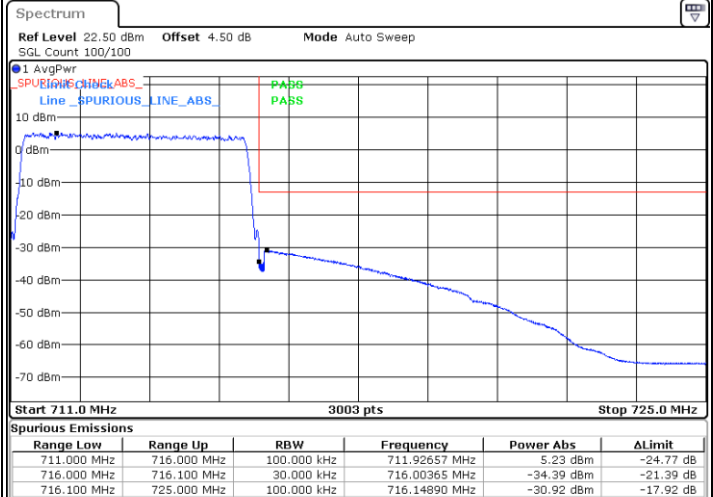
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



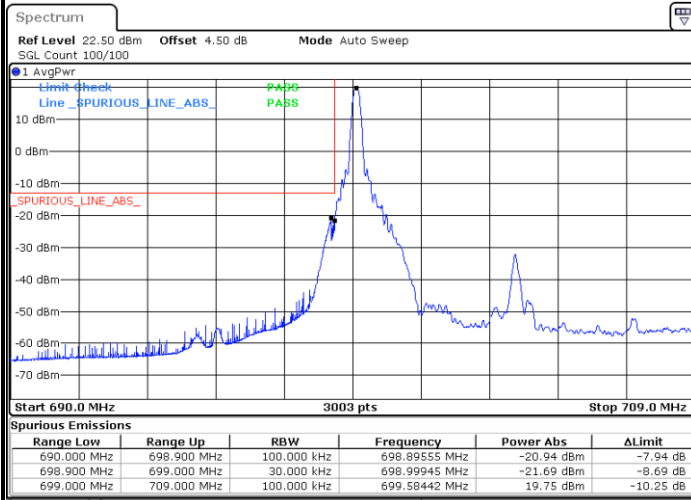
Highest Band Edge / Full RB



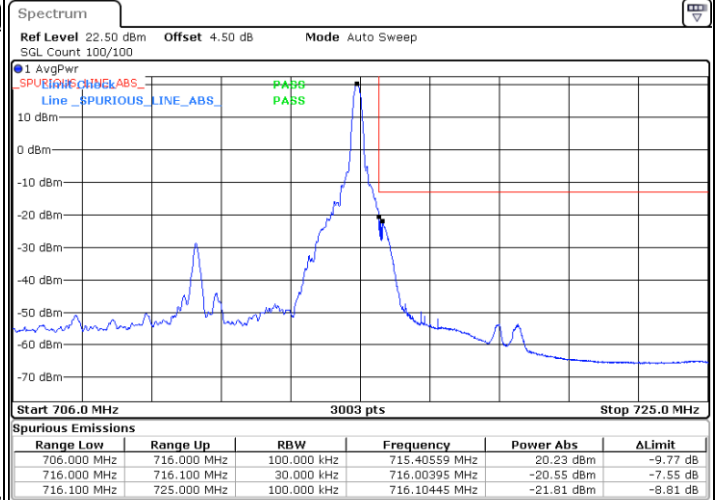


LTE Band 12 / 10MHz / QPSK

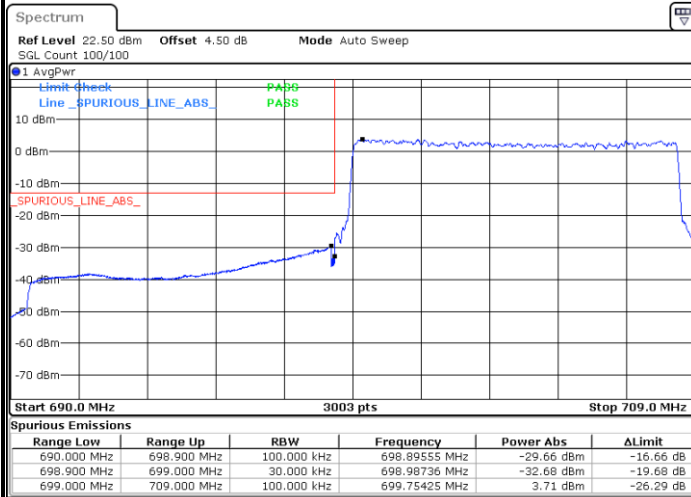
Lowest Band Edge / 1 RB



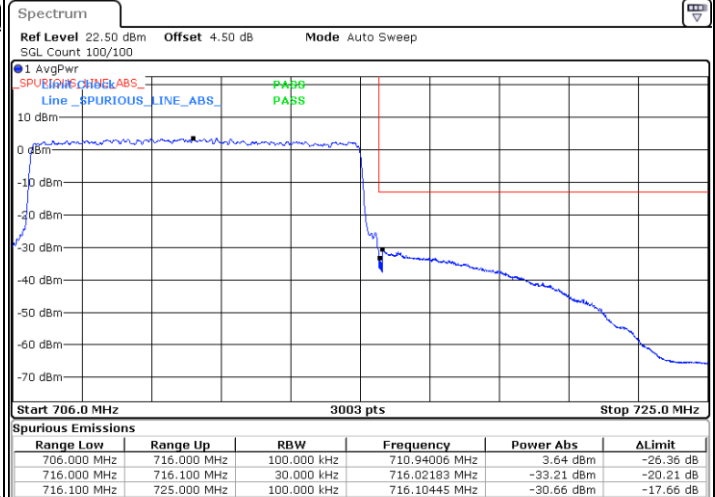
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



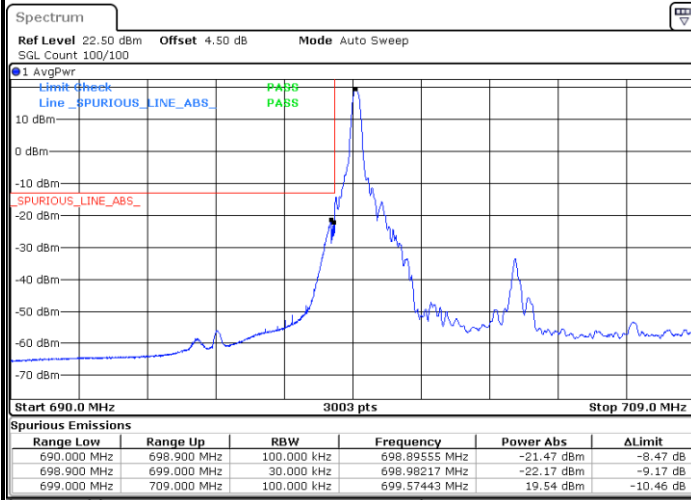
Highest Band Edge / Full RB



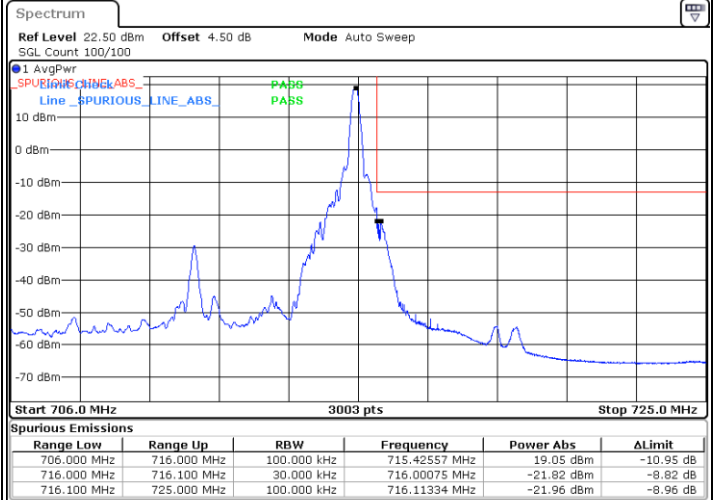


LTE Band 12 / 10MHz / 16QAM

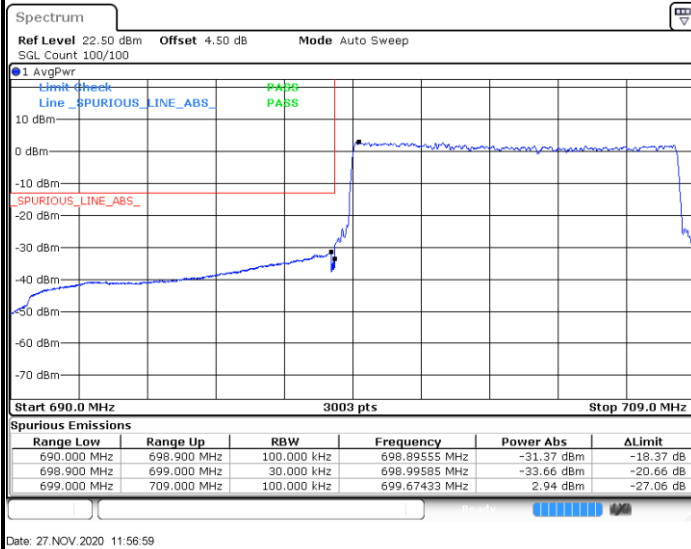
Lowest Band Edge / 1 RB



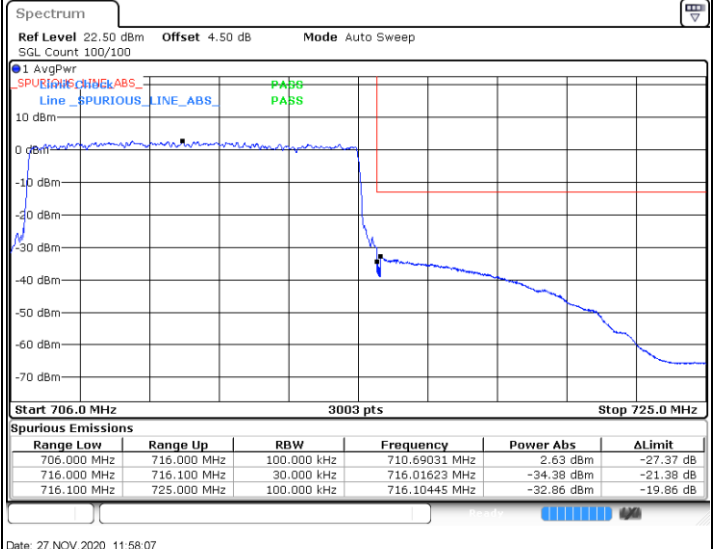
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



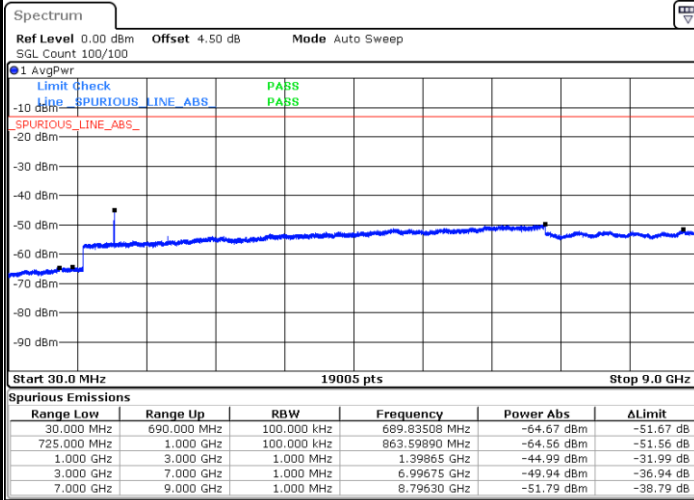
Highest Band Edge / Full RB





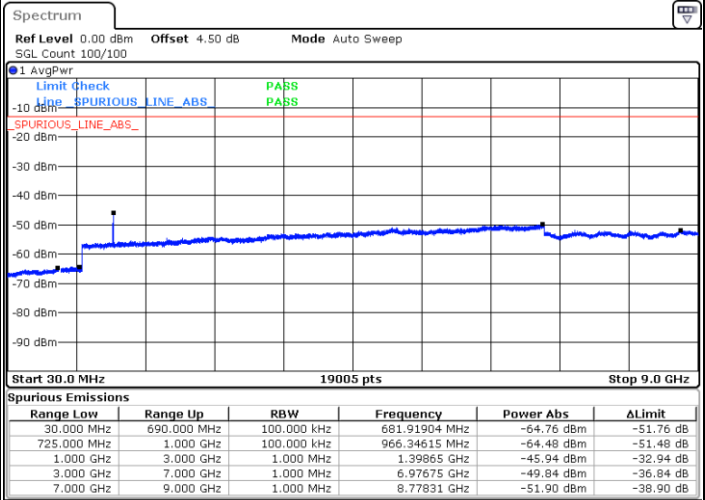
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



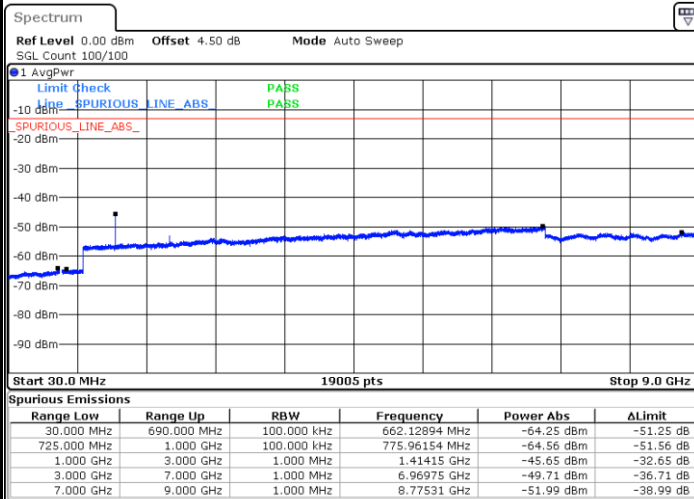
Date: 27 NOV 2020 10:55:11

Lowest Channel / 16QAM



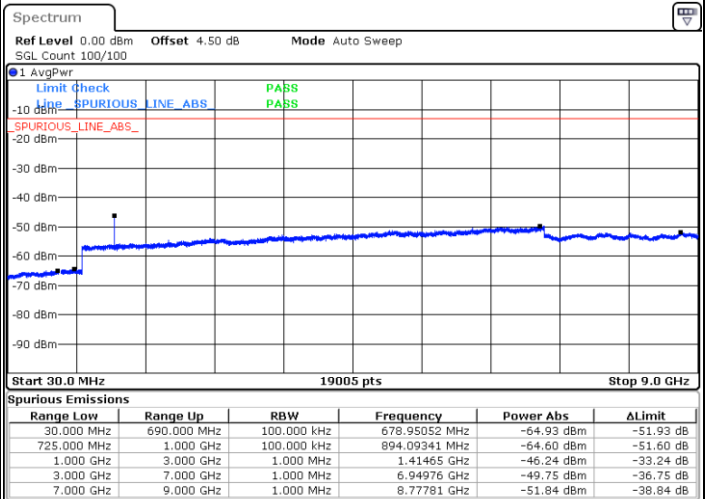
Date: 27 NOV 2020 10:56:05

Middle Channel / QPSK



Date: 27 NOV 2020 10:57:54

Middle Channel / 16QAM

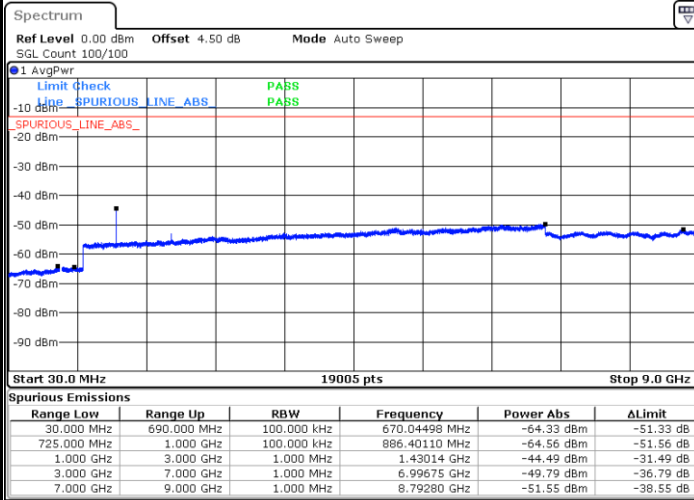


Date: 27 NOV 2020 10:57:00



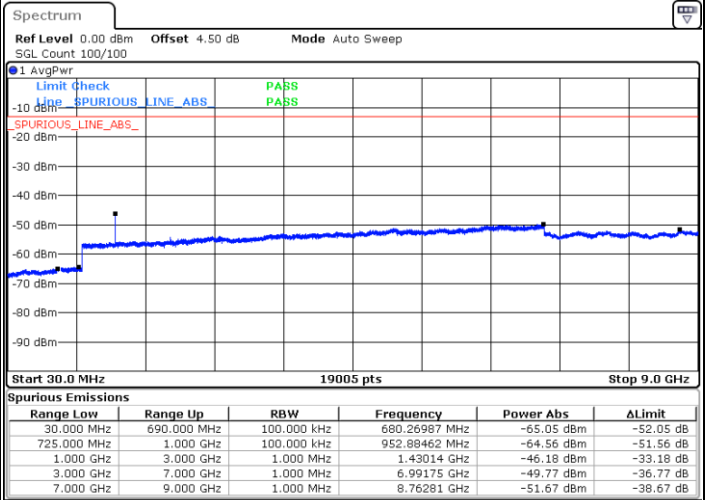
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 27 NOV 2020 10:58:48

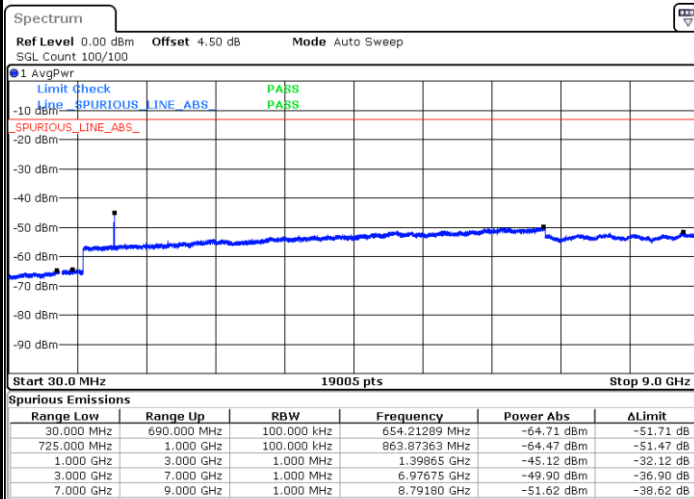
Highest Channel / 16QAM



Date: 27 NOV 2020 10:59:42

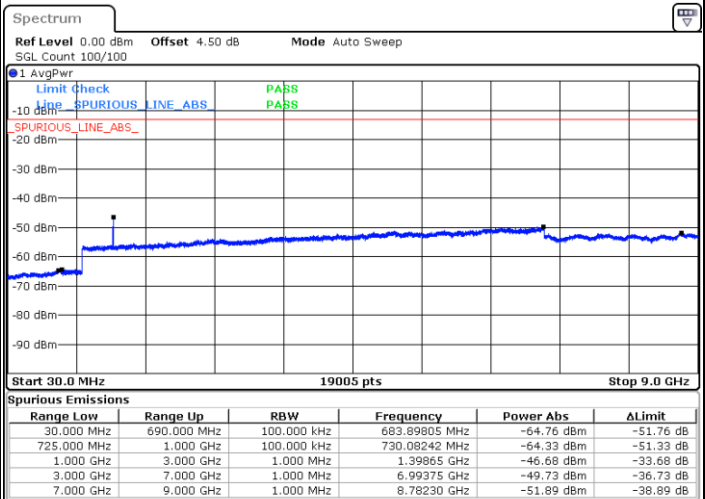
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 27 NOV 2020 11:12:57

Lowest Channel / 16QAM

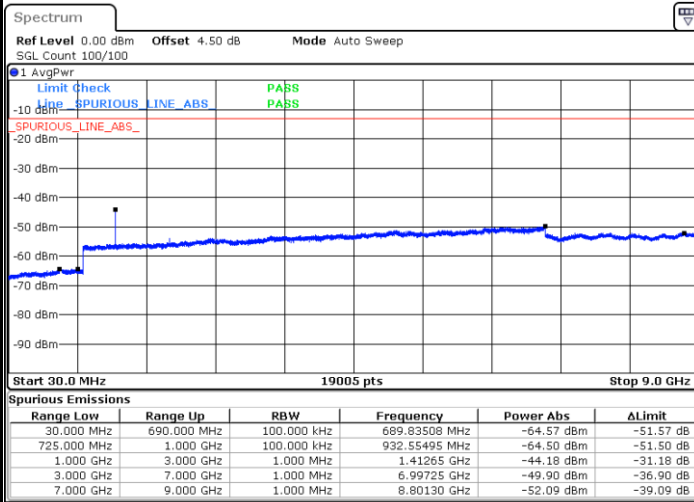


Date: 27 NOV 2020 11:13:51



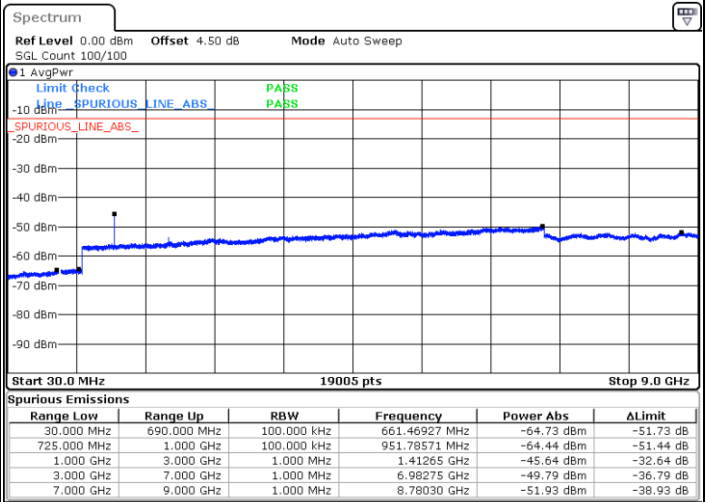
LTE Band 12 / 3MHz

Middle Channel / QPSK



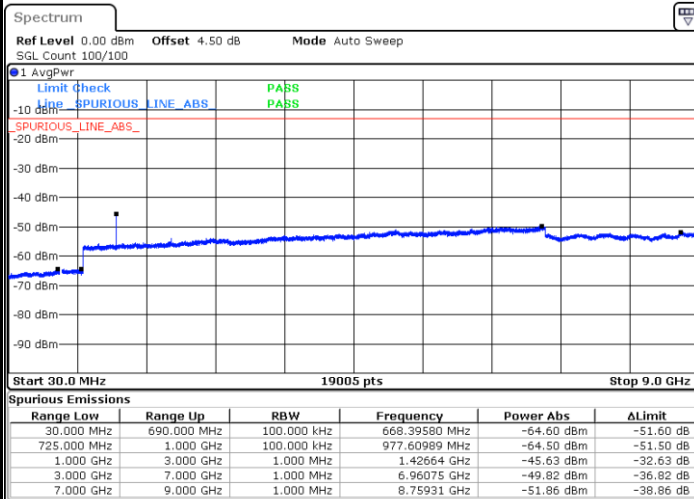
Date: 27.NOV.2020 11:15:40

Middle Channel / 16QAM



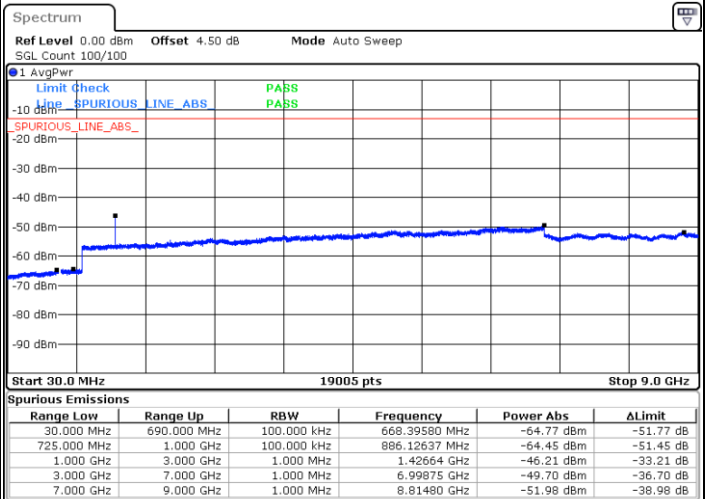
Date: 27.NOV.2020 11:14:46

Highest Channel / QPSK



Date: 27.NOV.2020 11:16:34

Highest Channel / 16QAM



Date: 27.NOV.2020 11:17:28