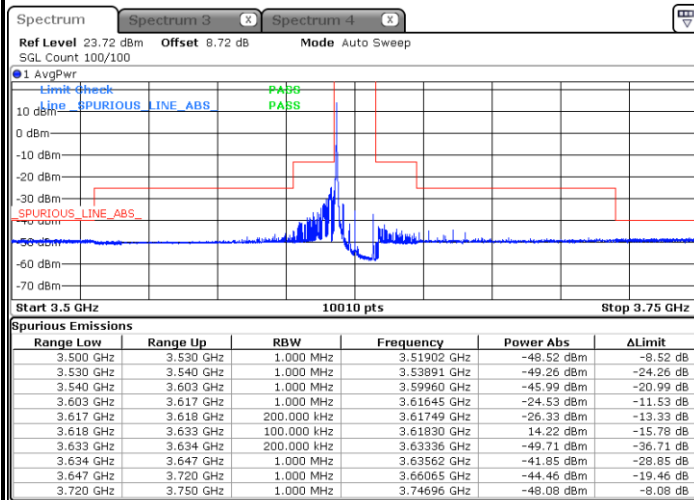




LTE Band 48 / 15MHz

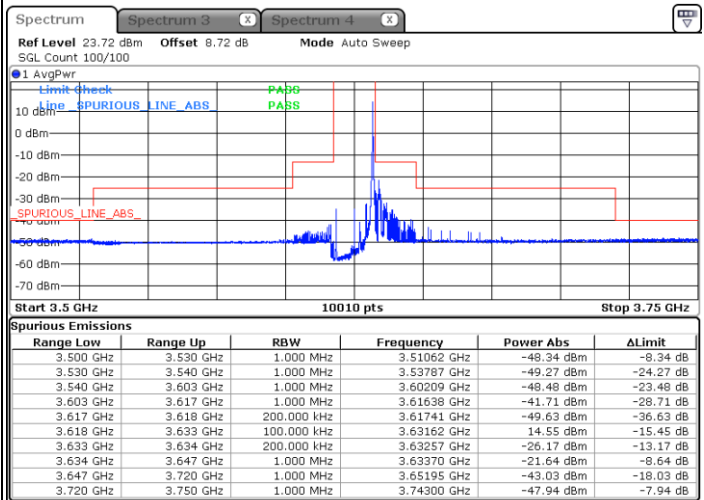
256QAM

Middle Channel / 1RB0



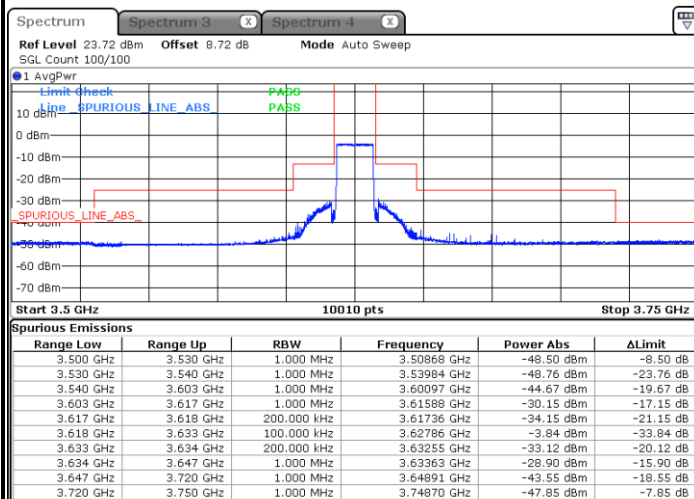
Date: 8.NOV.2021 23:22:43

Middle Channel / 1RBmax



Date: 8.NOV.2021 23:25:32

Middle Channel / Full RB



Date: 8.NOV.2021 23:27:37

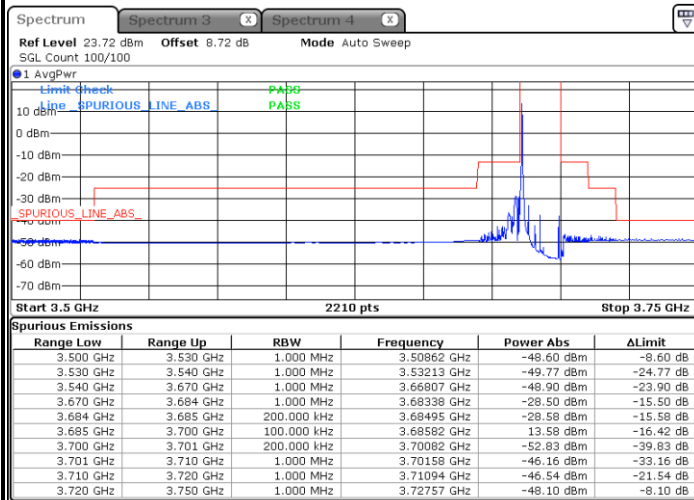
N/A



LTE Band 48 / 15MHz

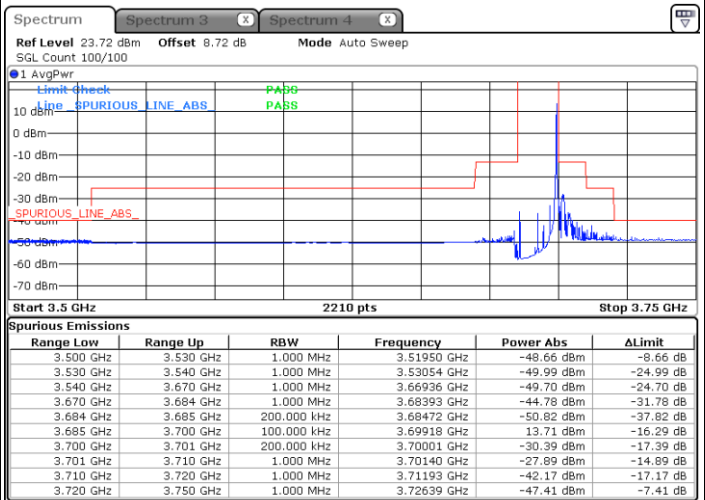
256QAM

Highest Channel / 1RB0



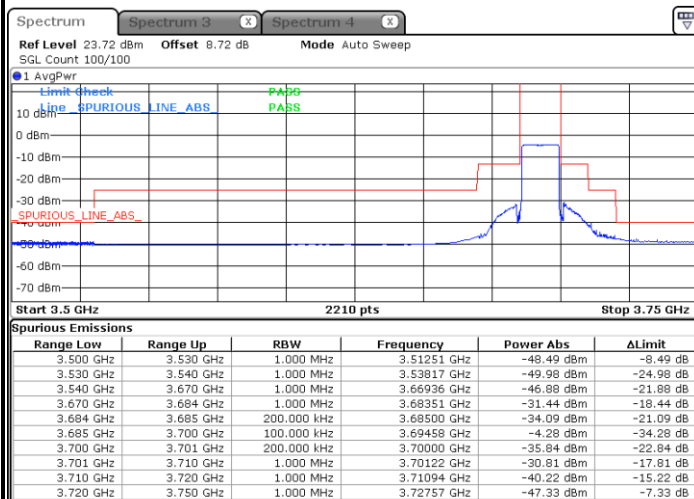
Date: 8.NOV.2021 23:31:35

Highest Channel / 1RBmax



Date: 8.NOV.2021 23:36:25

Highest Channel / Full RB



Date: 8.NOV.2021 23:40:16

N/A

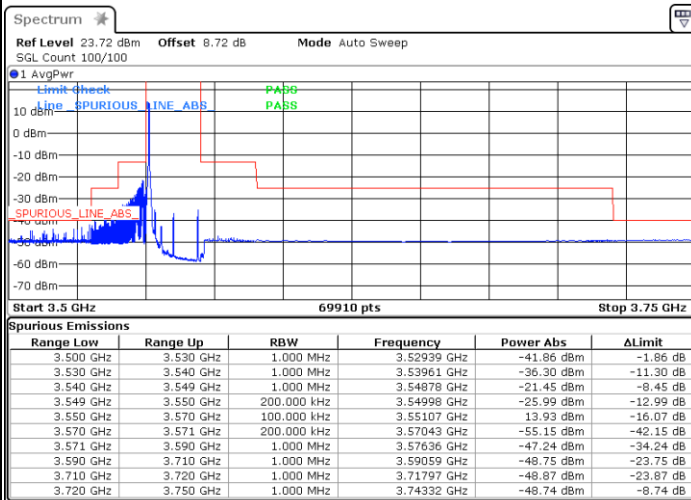


LTE Band 48 / 20MHz

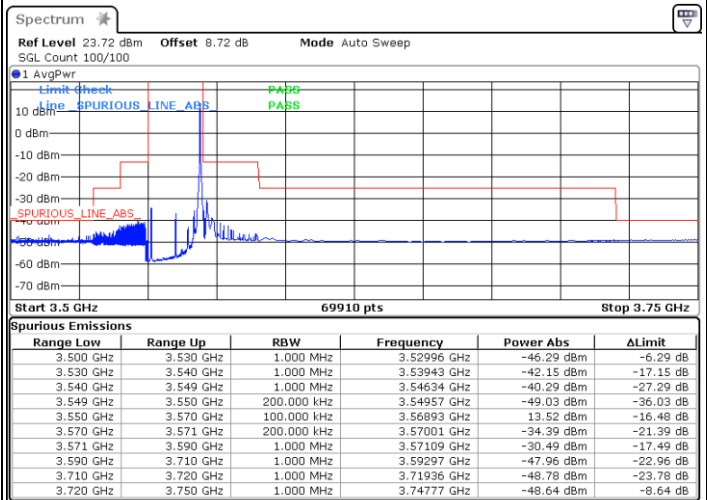
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



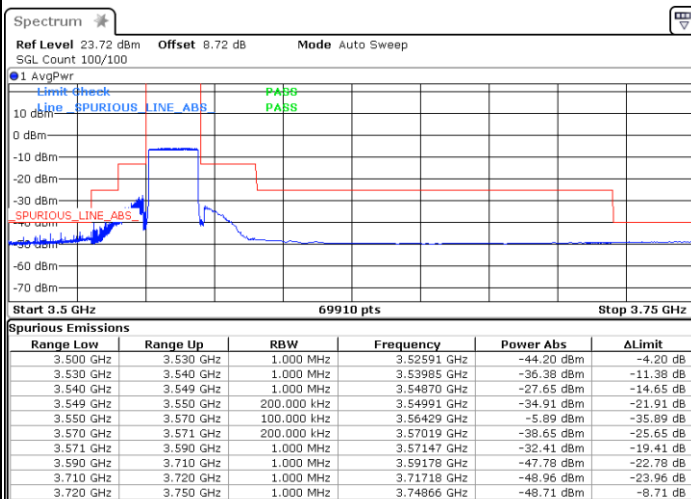
Date: 10.NOV.2021 22:17:50



Date: 10.NOV.2021 22:22:19

Lowest Channel / Full RB

N/A



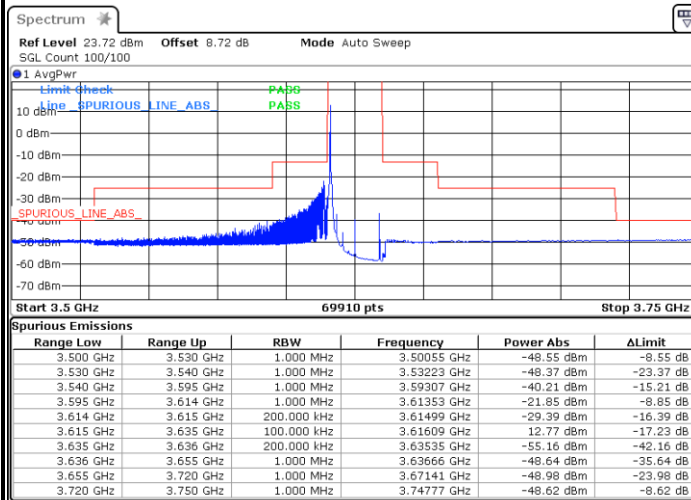
Date: 10.NOV.2021 22:25:51



LTE Band 48 / 20MHz

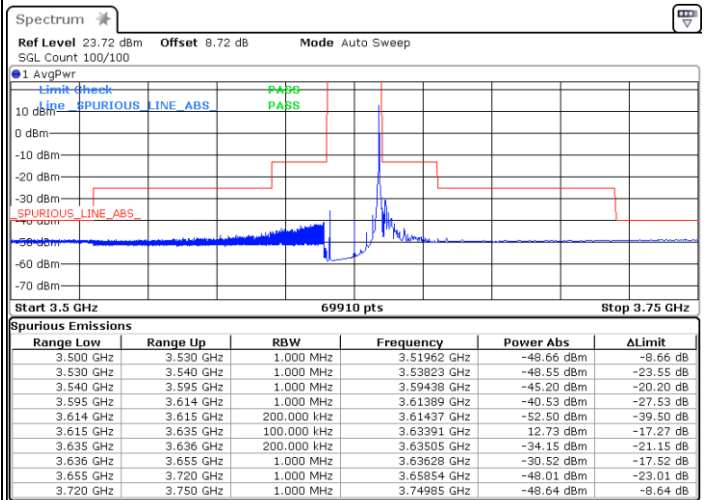
256QAM

Middle Channel / 1RB0



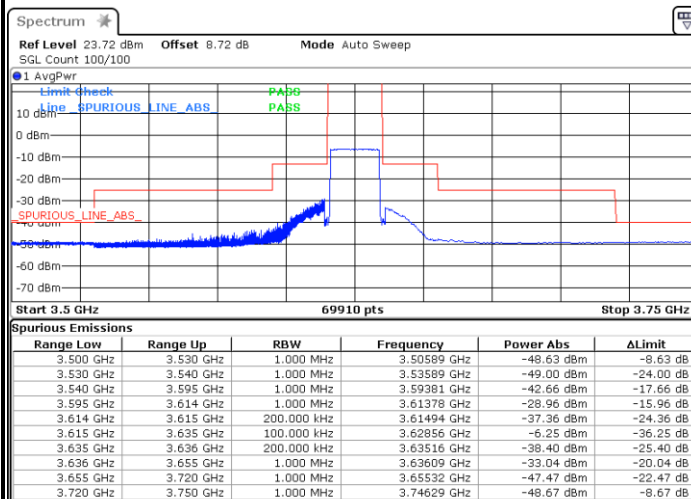
Date: 10.NOV.2021 22:29:31

Middle Channel / 1RBmax



Date: 10.NOV.2021 22:34:48

Middle Channel / Full RB



Date: 10.NOV.2021 22:39:56

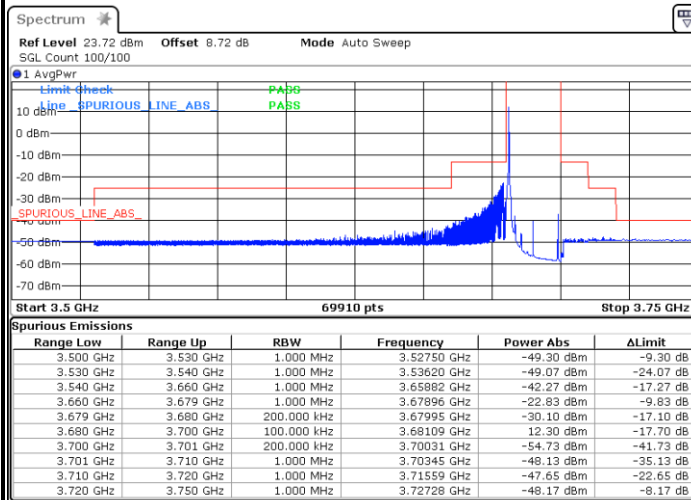
N/A



LTE Band 48 / 20MHz

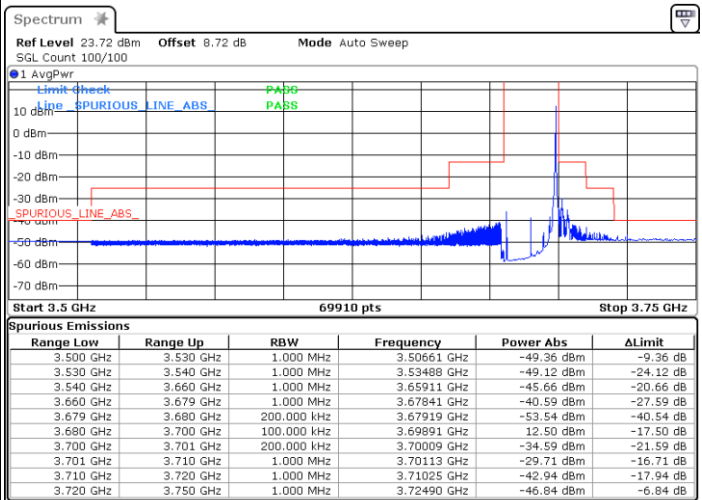
256QAM

Highest Channel / 1RB0



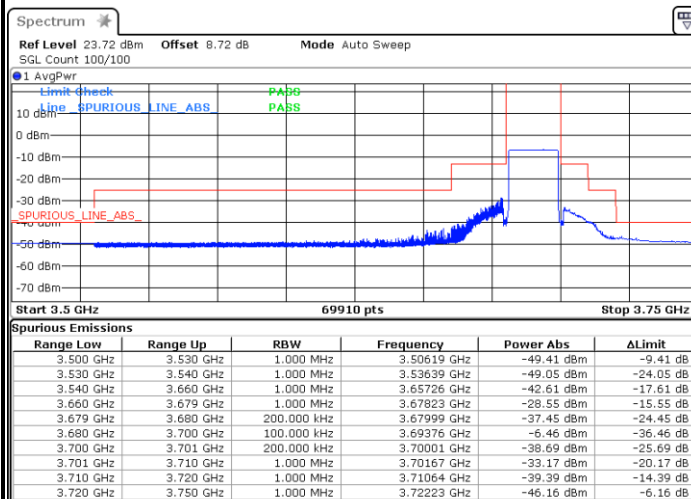
Date: 10.NOV.2021 22:46:42

Highest Channel / 1RBmax



Date: 10.NOV.2021 22:51:27

Highest Channel / Full RB



Date: 10.NOV.2021 22:54:43

N/A

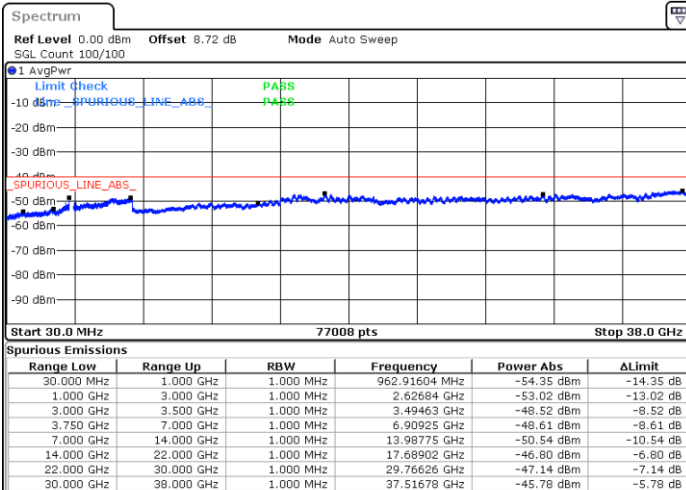
**Conducted Spurious Emission**

LTE Band 48 / 5MHz

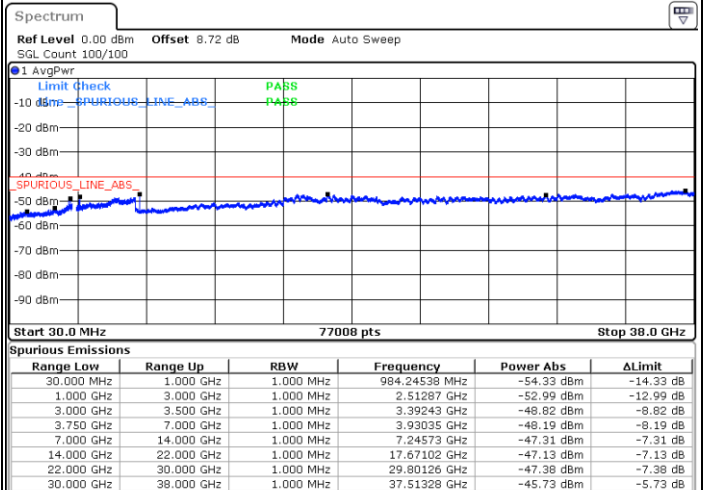
QPSK / 1RB0

Lowest Channel

Middle Channel

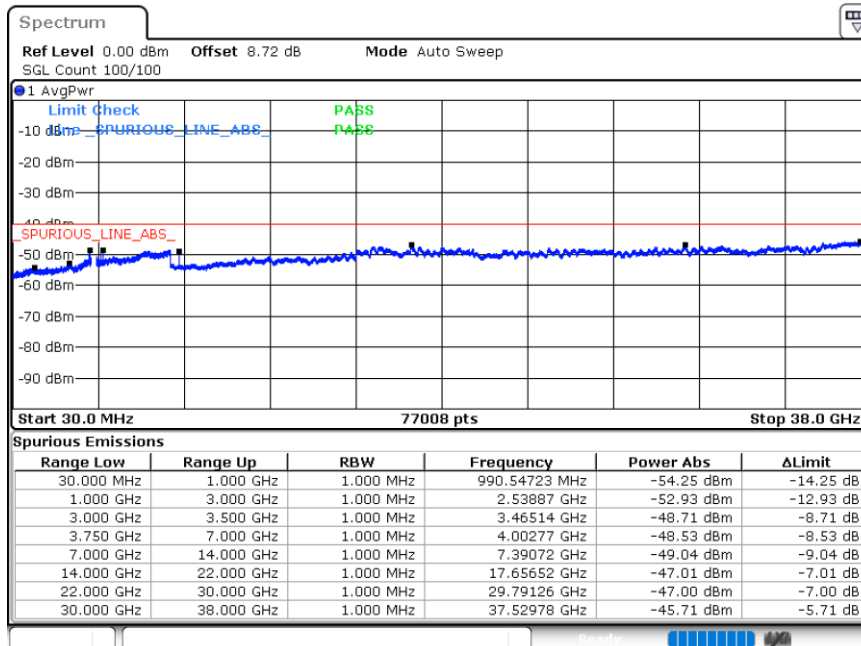


Date: 2.NOV.2021 11:10:29



Date: 2.NOV.2021 11:37:07

Highest Channel



Date: 2.NOV.2021 12:15:23

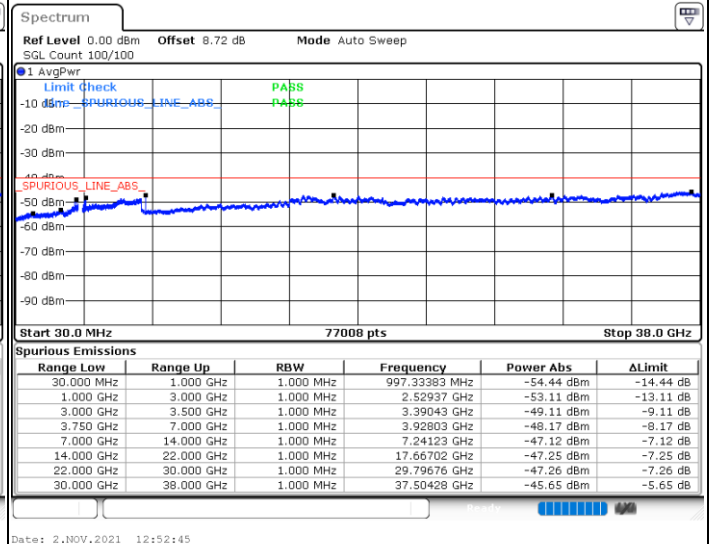
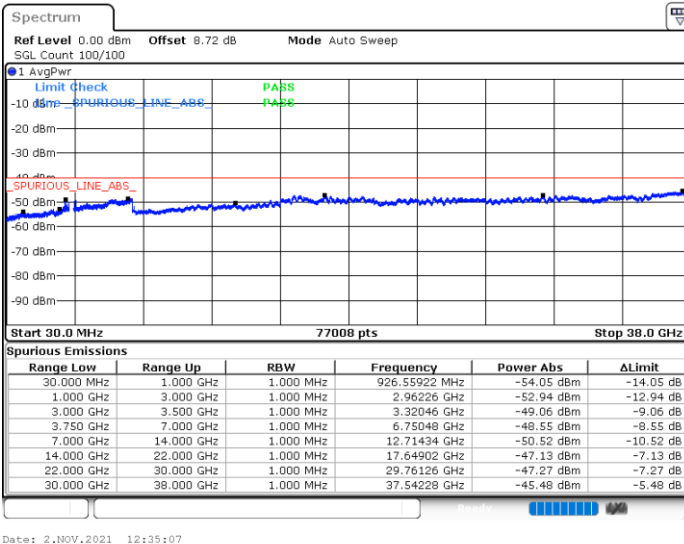


LTE Band 48 / 10MHz

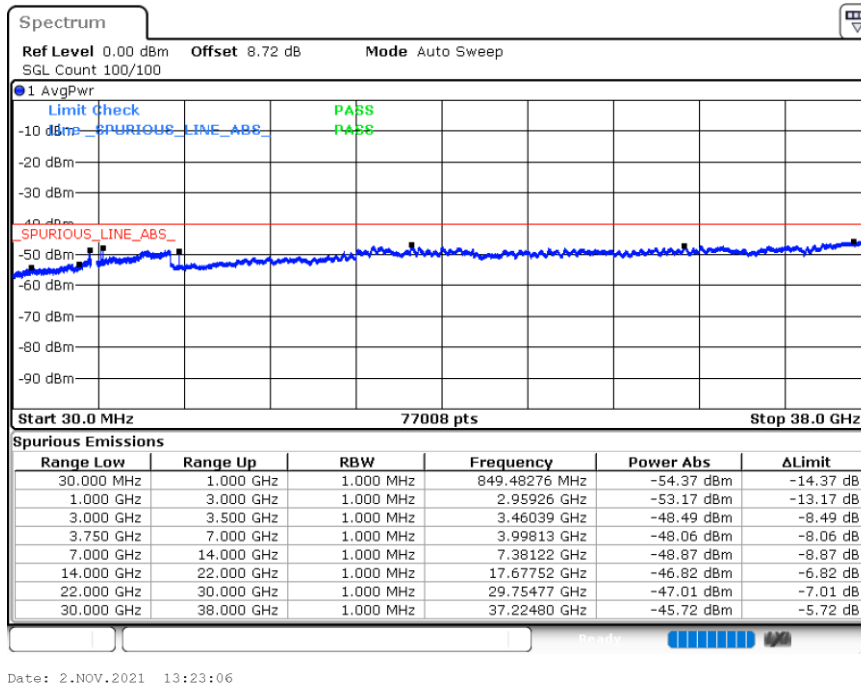
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



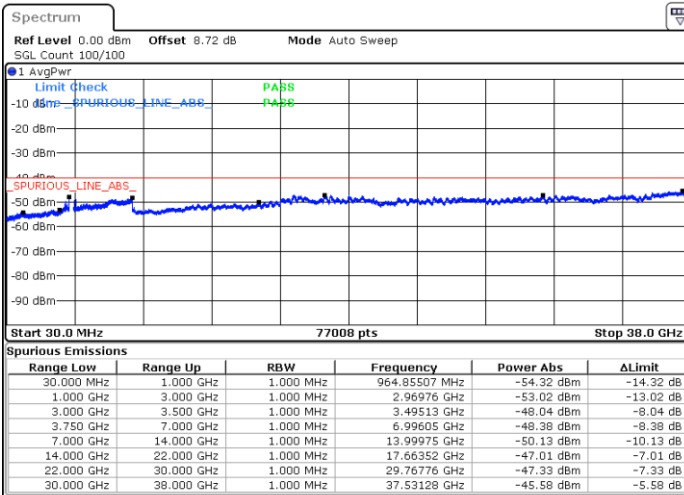


LTE Band 48 / 15MHz

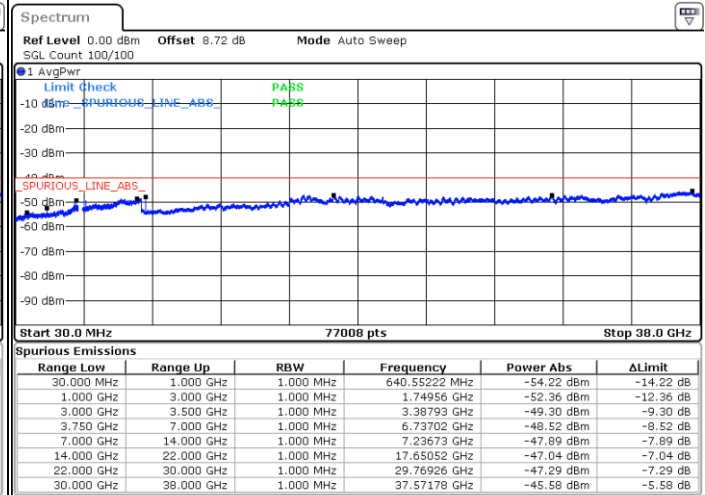
QPSK / 1RB0

Lowest Channel

Middle Channel

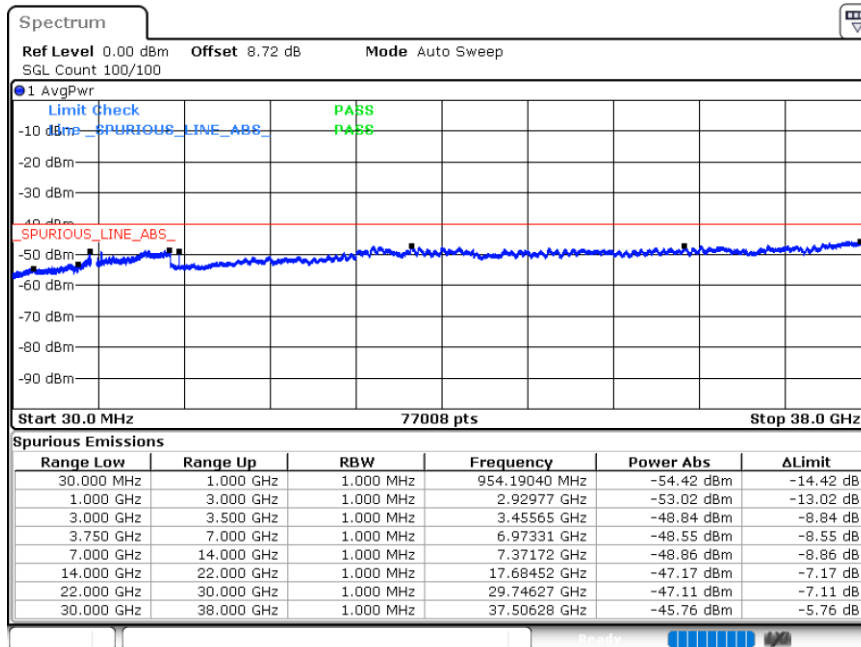


Date: 2.NOV.2021 13:25:48



Date: 2.NOV.2021 13:54:28

Highest Channel



Date: 2.NOV.2021 14:20:48

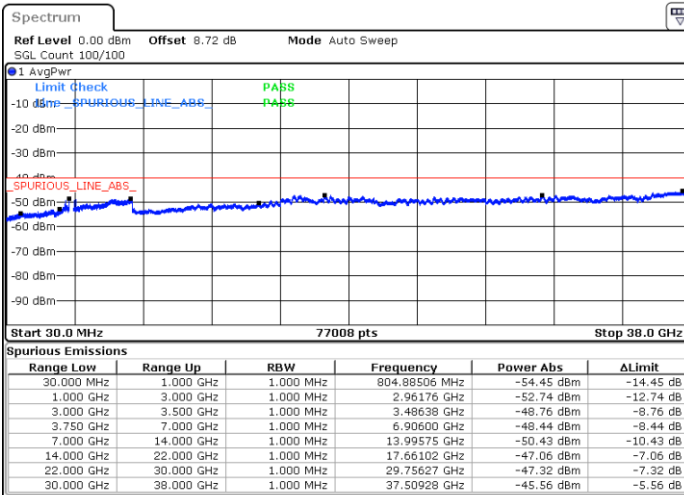


LTE Band 48 / 20MHz

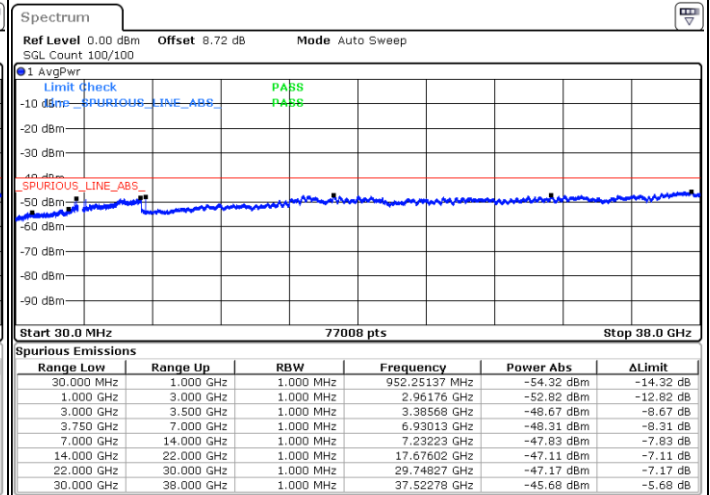
QPSK / 1RB0

Lowest Channel

Middle Channel

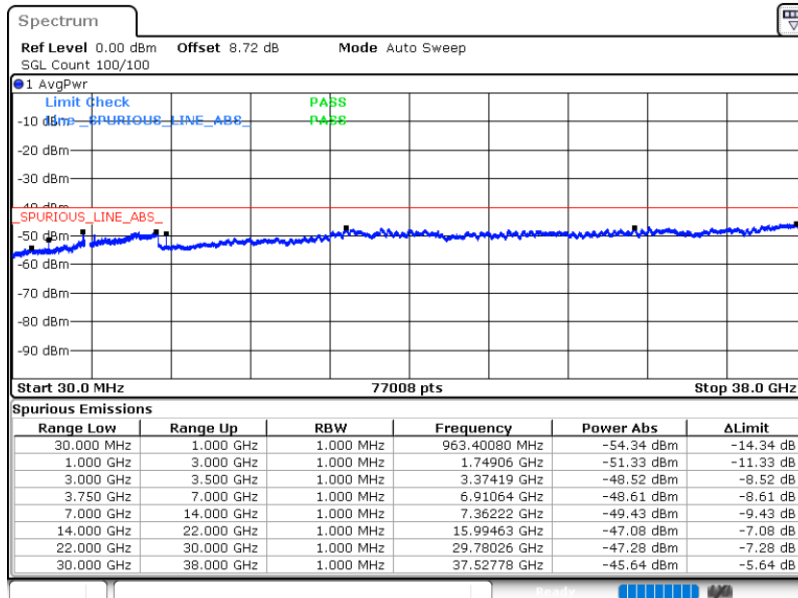


Date: 2.NOV.2021 14:52:35



Date: 2.NOV.2021 15:05:11

Highest Channel



Date: 2.NOV.2021 15:41:55

Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0040	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 48 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7230	-59.25	-40	-19.25	-70.71	2.84	14.30	H
	10848	-46.25	-40	-6.25	-56.19	3.49	13.43	H
	14466	-58.49	-40	-18.49	-68.73	3.85	14.09	H
	7230	-59.82	-40	-19.82	-71.28	2.84	14.30	V
	10848	-46.52	-40	-6.52	-56.46	3.49	13.43	V
	14466	-58.83	-40	-18.83	-69.07	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.