

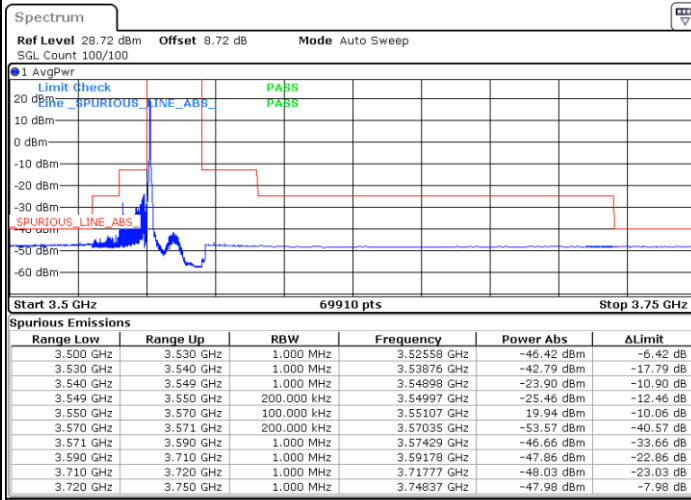


LTE Band 48 / 20MHz

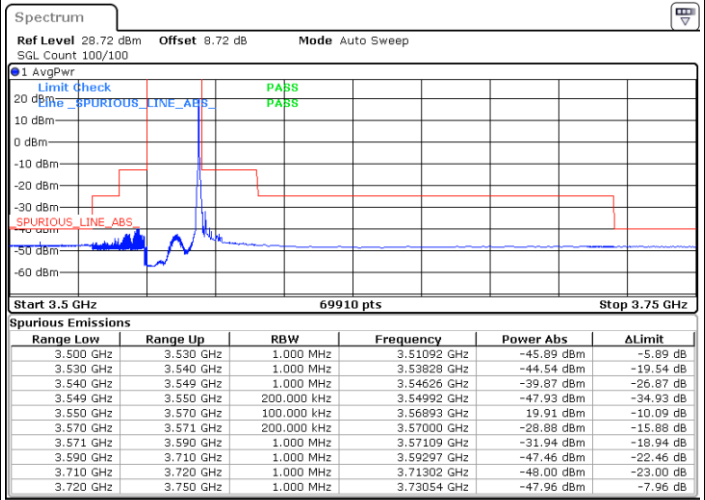
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



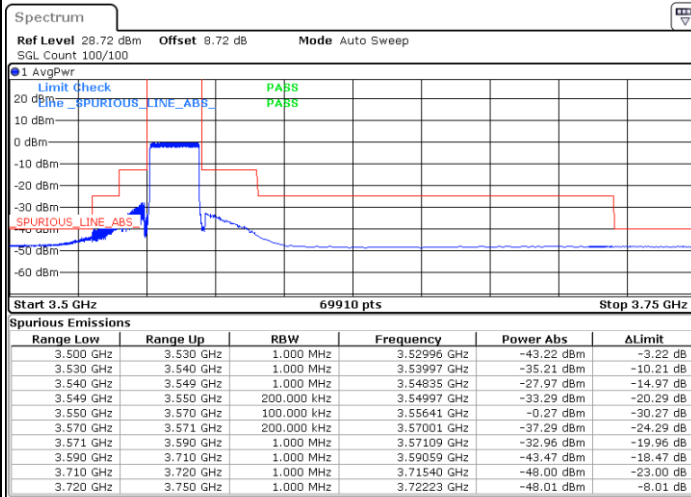
Date: 9.NOV.2022 18:35:36



Date: 9.NOV.2022 18:41:05

Lowest Channel / FullRB

N/A



Date: 9.NOV.2022 18:46:34

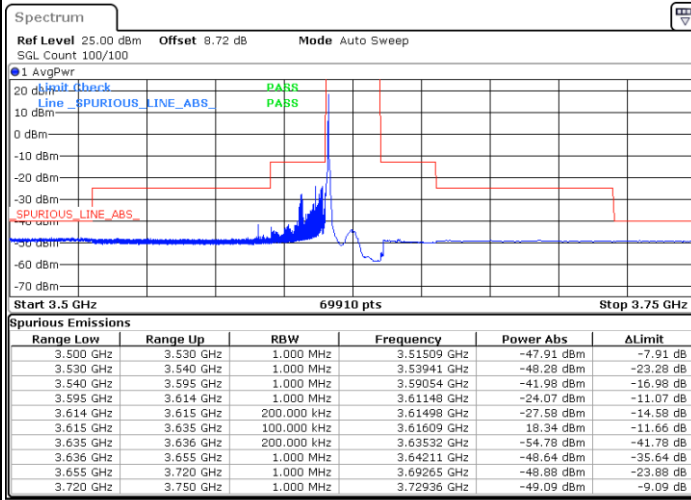


LTE Band 48 / 20MHz

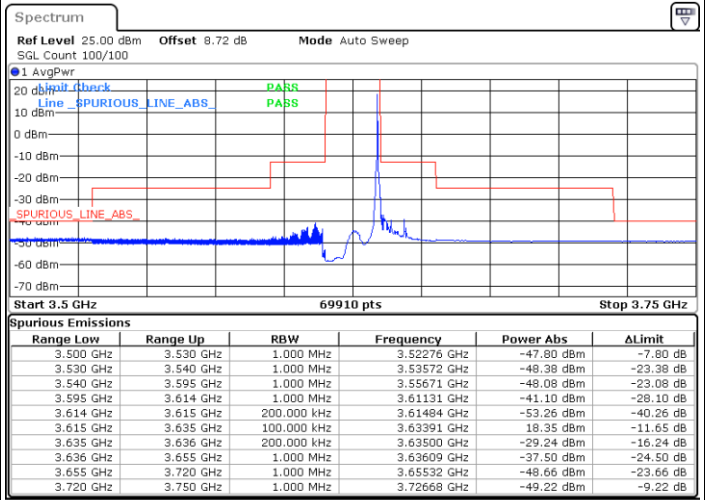
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



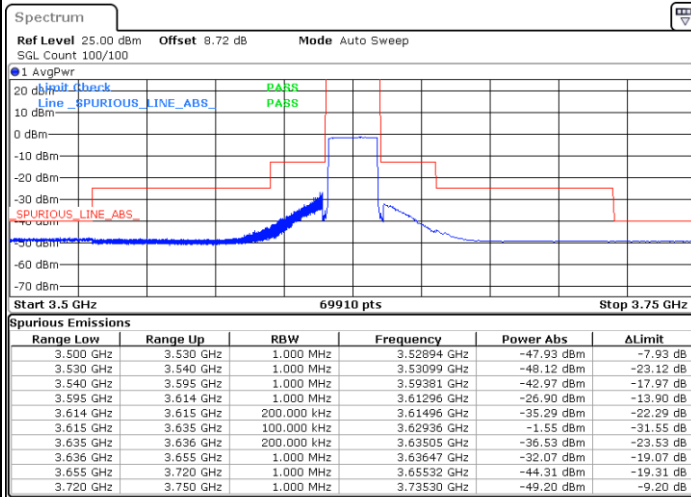
Date: 8.NOV.2022 21:39:09



Date: 8.NOV.2022 21:45:51

Middle Channel / Full

N/A



Date: 8.NOV.2022 21:52:34

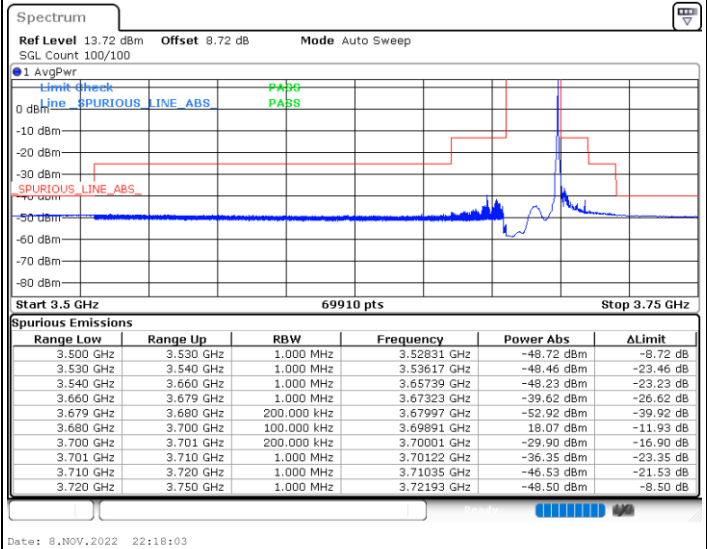
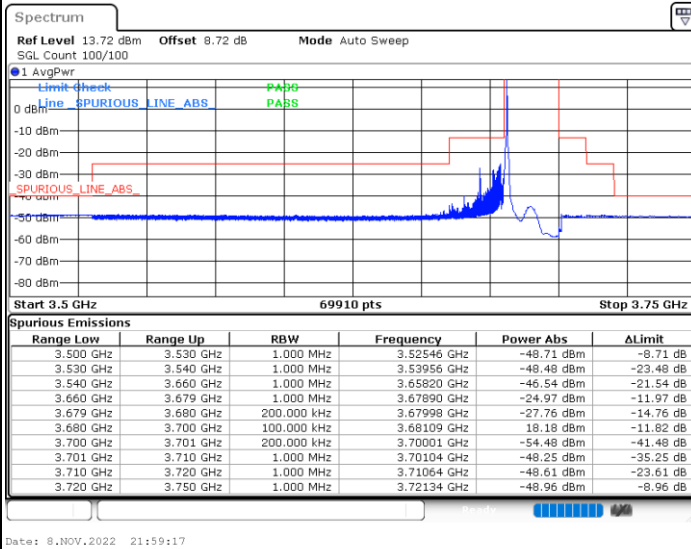


LTE Band 48 / 20MHz

16QAM

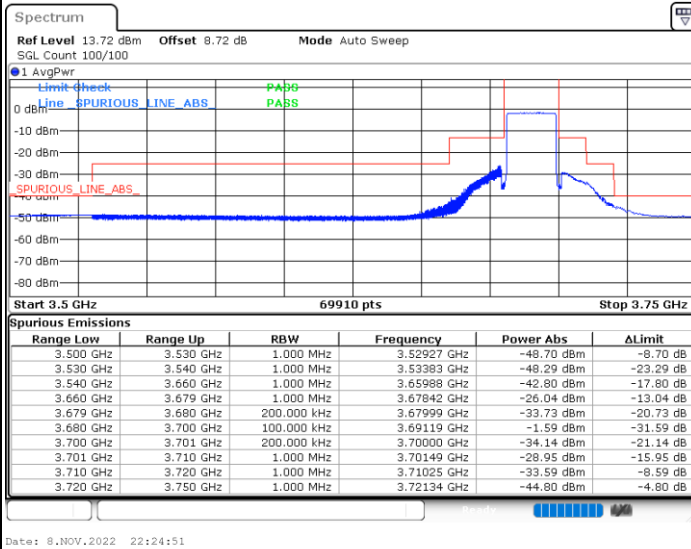
Highest Channel / 1RB0

Highest Channel / 1RBmax



Highest Channel / FullIRB

N/A



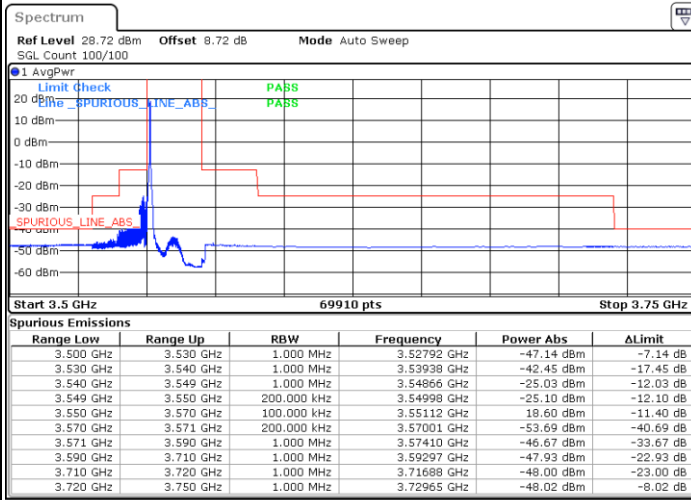


LTE Band 48 / 20MHz

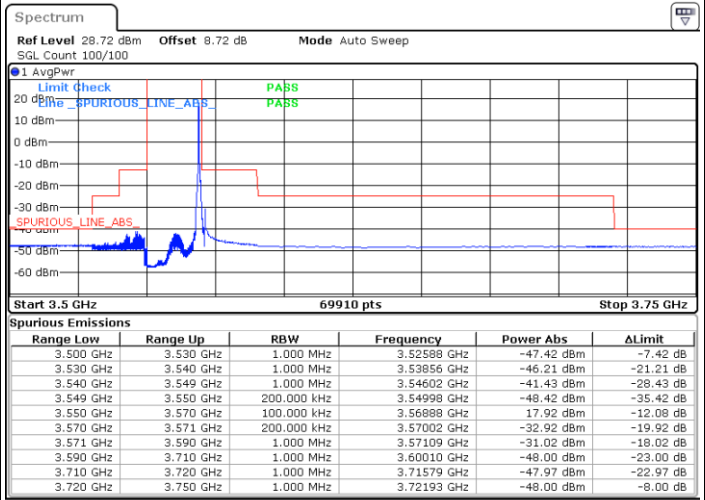
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



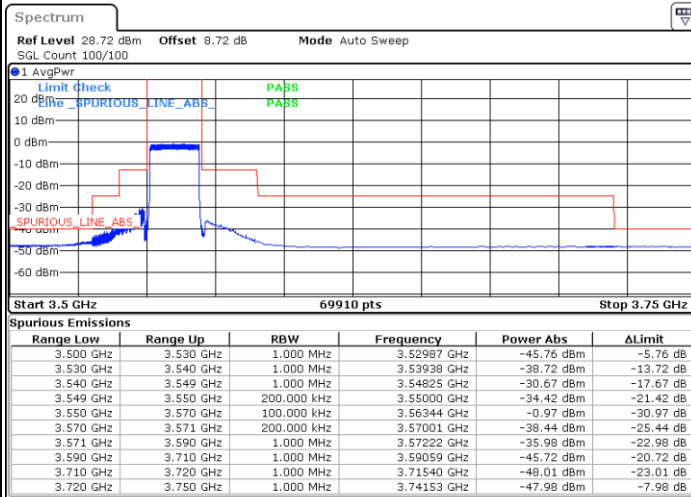
Date: 9.NOV.2022 18:36:57



Date: 9.NOV.2022 18:42:27

Lowest Channel / FullRB

N/A



Date: 9.NOV.2022 18:47:56

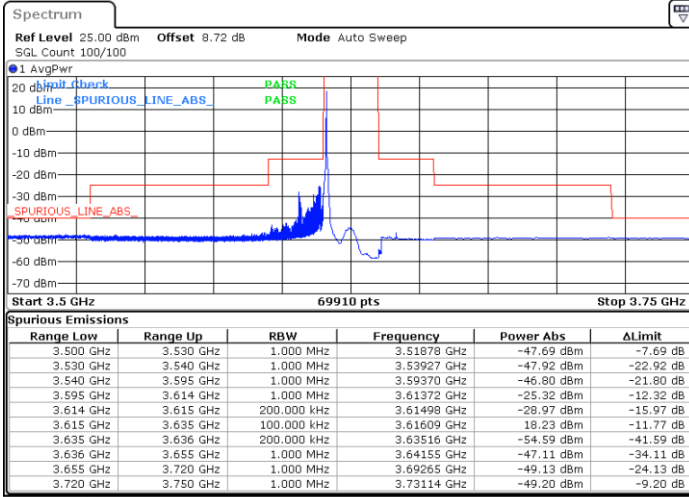


LTE Band 48 / 20MHz

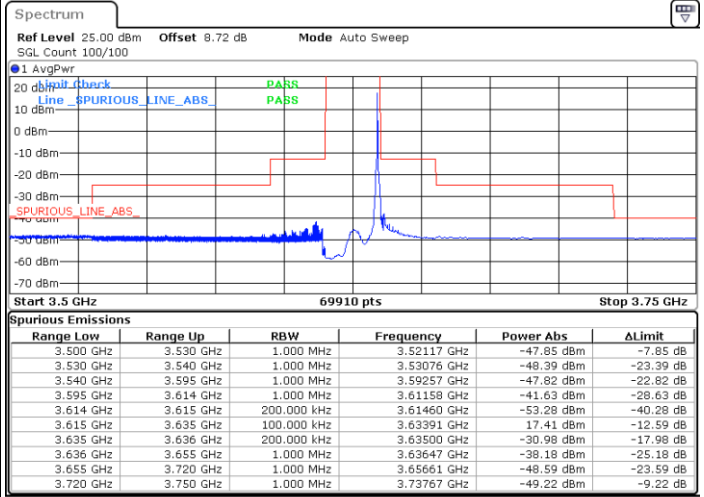
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



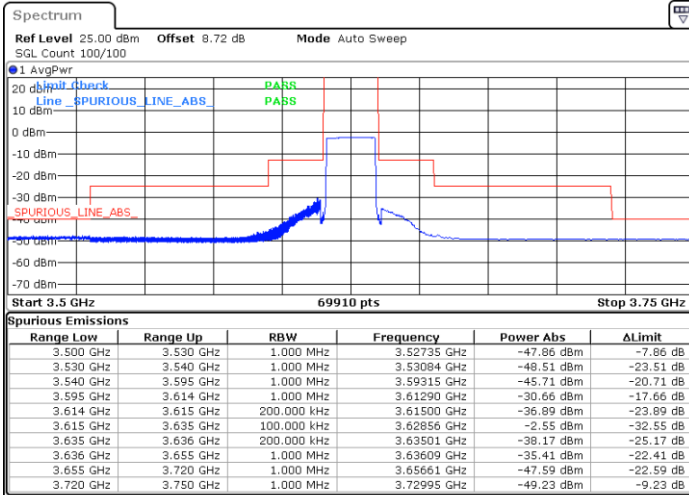
Date: 8.NOV.2022 21:40:50



Date: 8.NOV.2022 21:47:32

Middle Channel / Full

N/A



Date: 8.NOV.2022 21:54:14

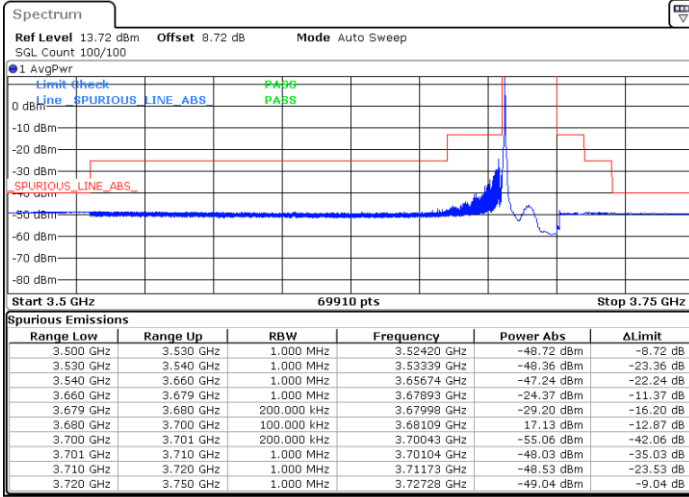


LTE Band 48 / 20MHz

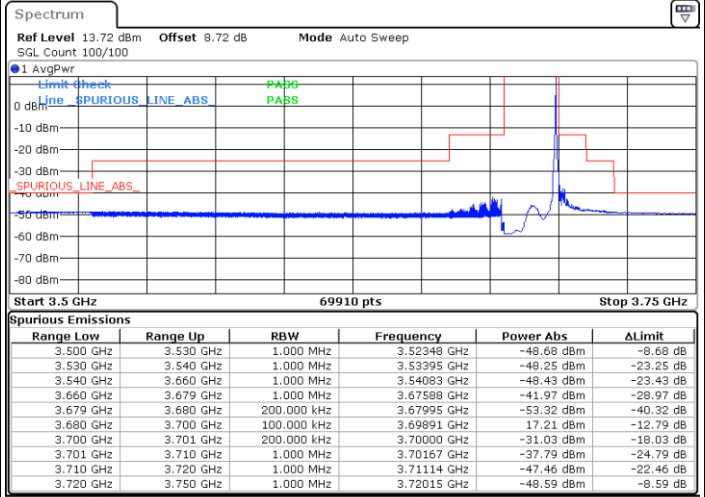
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



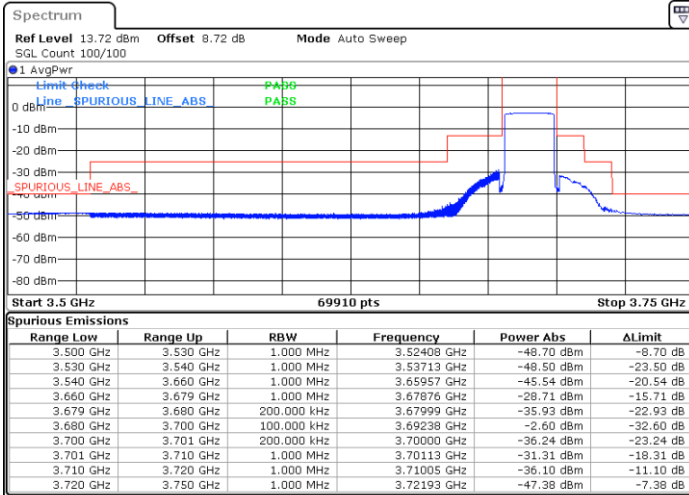
Date: 8.NOV.2022 22:00:58



Date: 8.NOV.2022 22:19:44

Highest Channel / FullIRB

N/A



Date: 8.NOV.2022 22:26:32

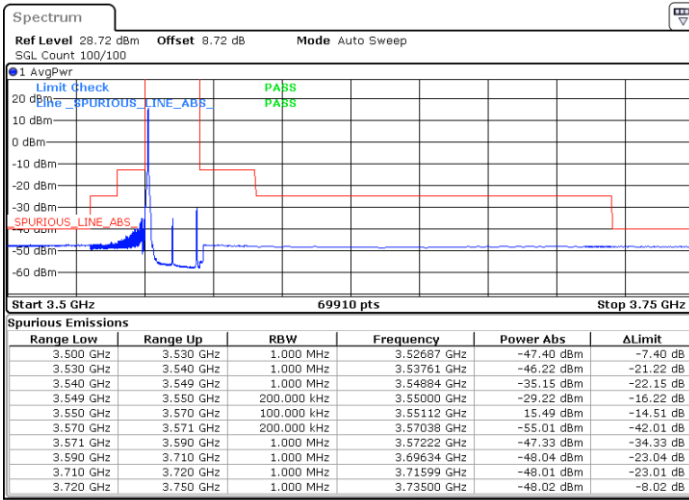


LTE Band 48 / 20MHz

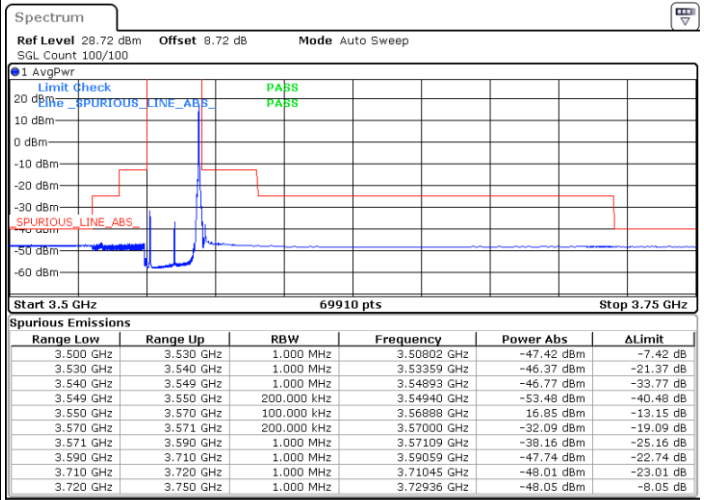
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



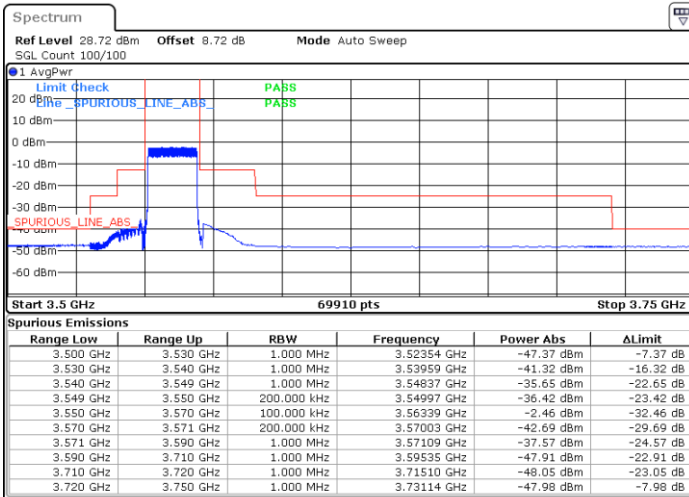
Date: 9.NOV.2022 18:38:19



Date: 9.NOV.2022 18:43:49

Lowest Channel / FullRB

N/A



Date: 9.NOV.2022 18:49:18

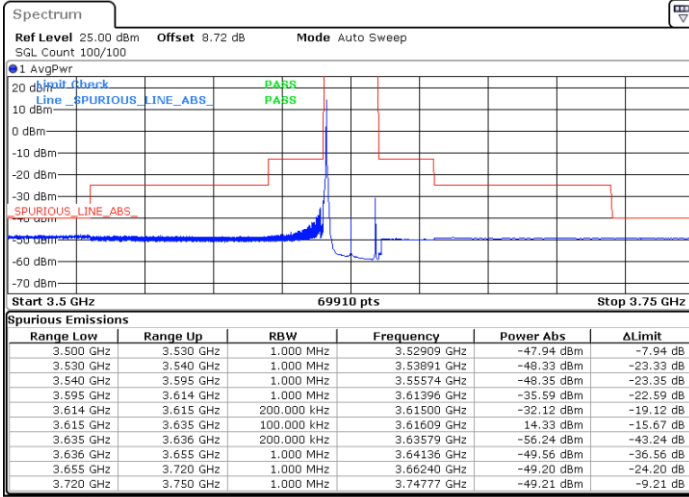


LTE Band 48 / 20MHz

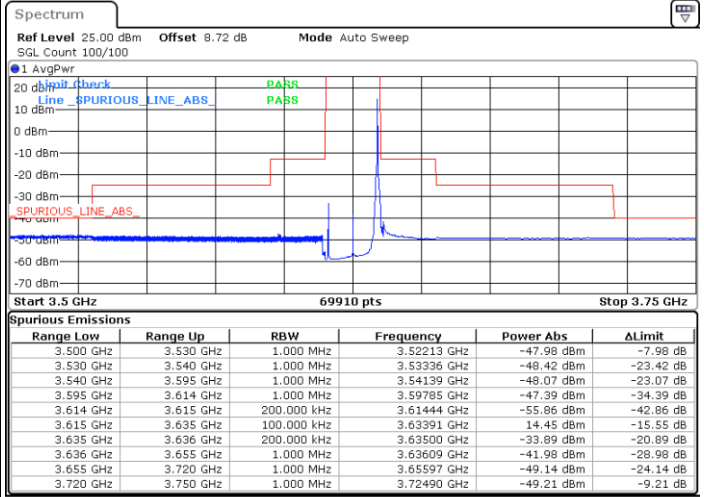
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



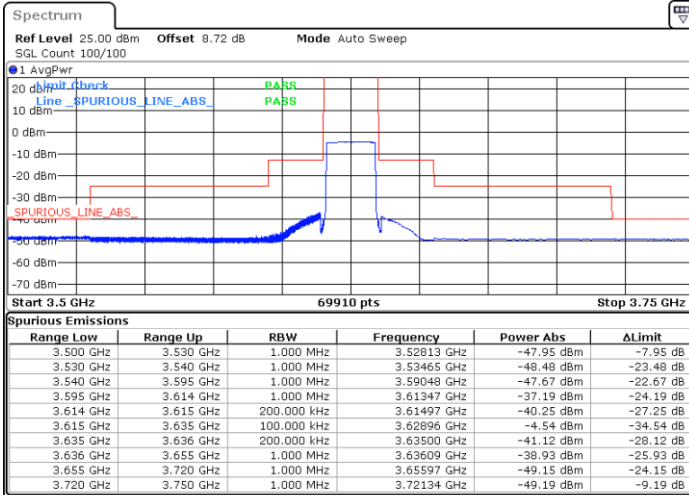
Date: 8.NOV.2022 21:42:31



Date: 8.NOV.2022 21:49:13

Middle Channel / Full

N/A



Date: 8.NOV.2022 21:55:55

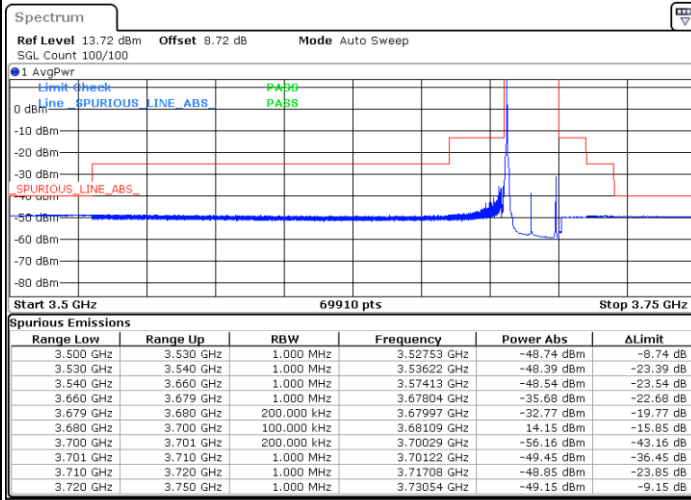


LTE Band 48 / 20MHz

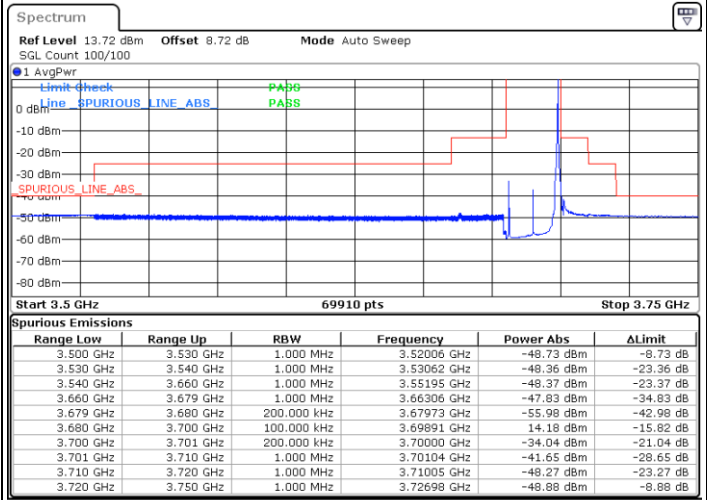
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



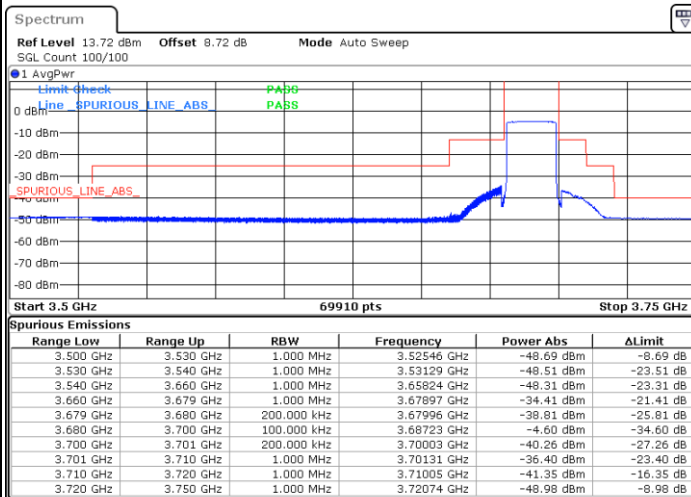
Date: 8.NOV.2022 22:14:40



Date: 8.NOV.2022 22:21:25

Highest Channel / FullIRB

N/A



Date: 8.NOV.2022 22:28:13



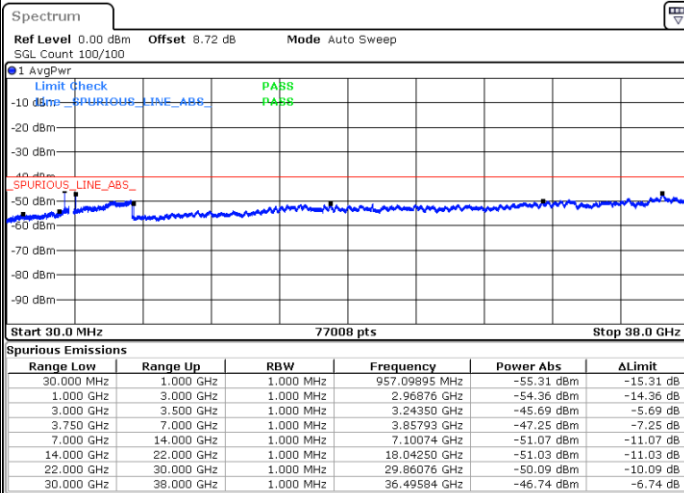
Conducted Spurious Emission

LTE Band 48 / 5MHz

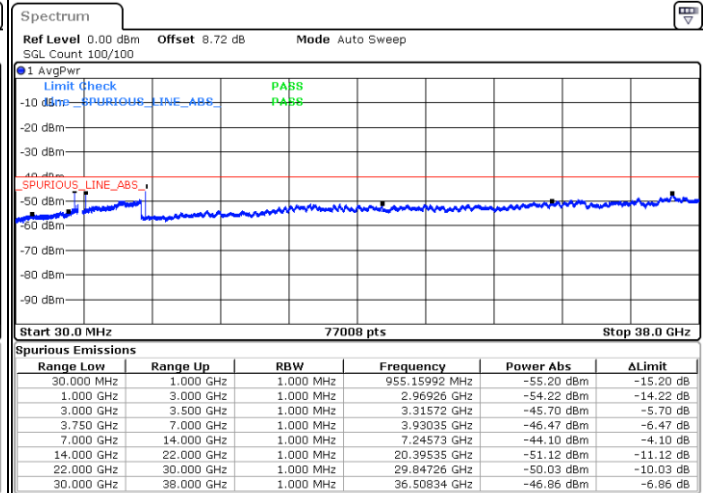
QPSK / 1RB0

Lowest Channel

Middle Channel

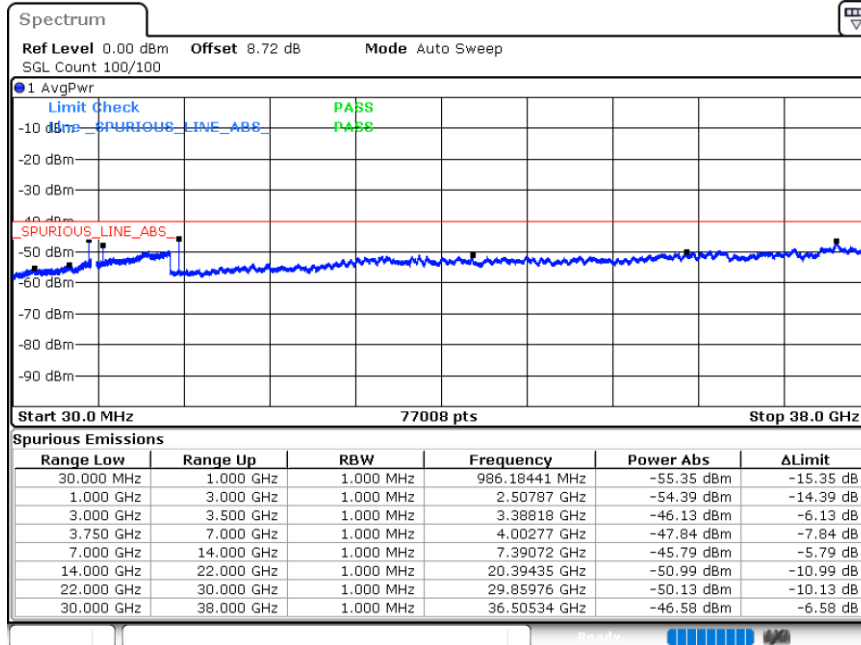


Date: 9.NOV.2022 05:05:01



Date: 9.NOV.2022 05:06:21

Highest Channel



Date: 9.NOV.2022 05:07:41

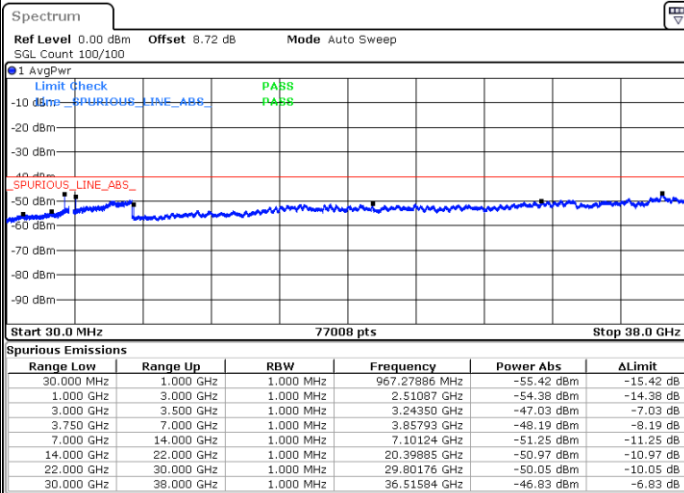


LTE Band 48 / 10MHz

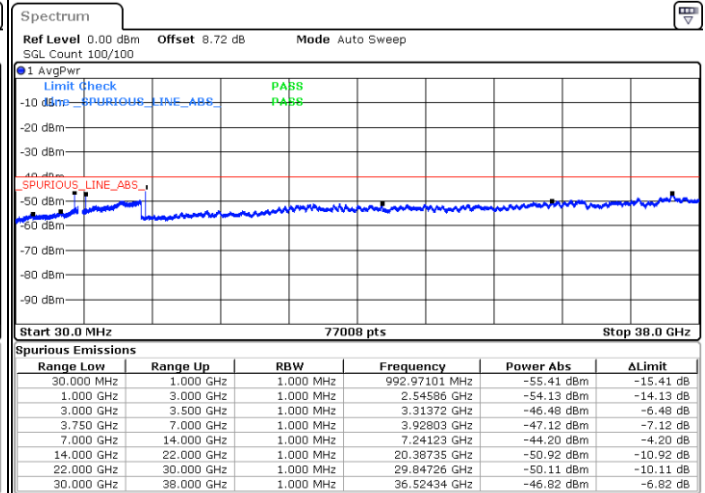
QPSK / 1RB0

Lowest Channel

Middle Channel

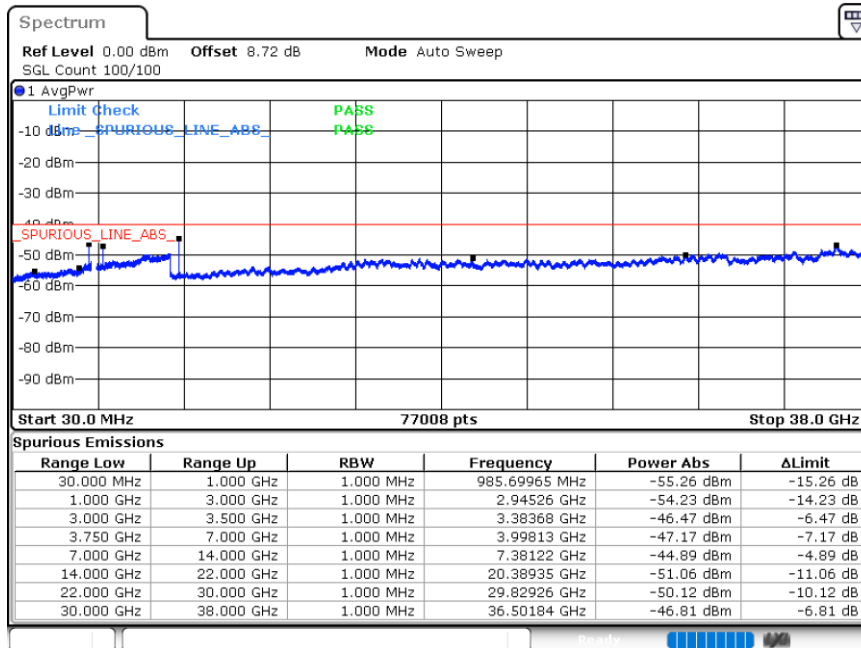


Date: 9.NOV.2022 05:09:02



Date: 9.NOV.2022 05:10:22

Highest Channel



Date: 9.NOV.2022 05:11:42

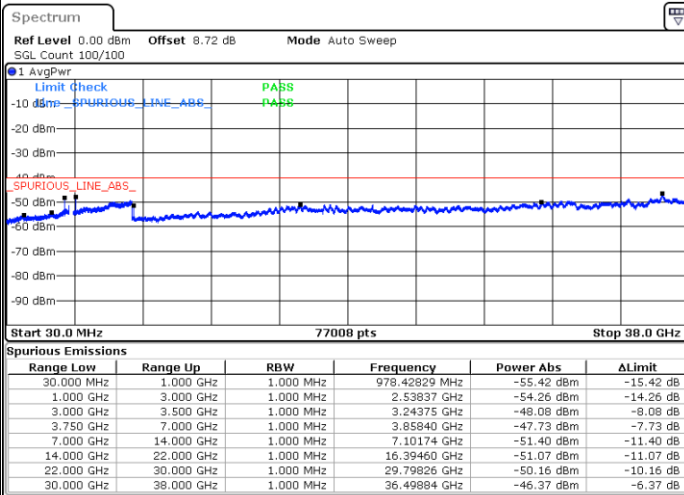


LTE Band 48 / 15MHz

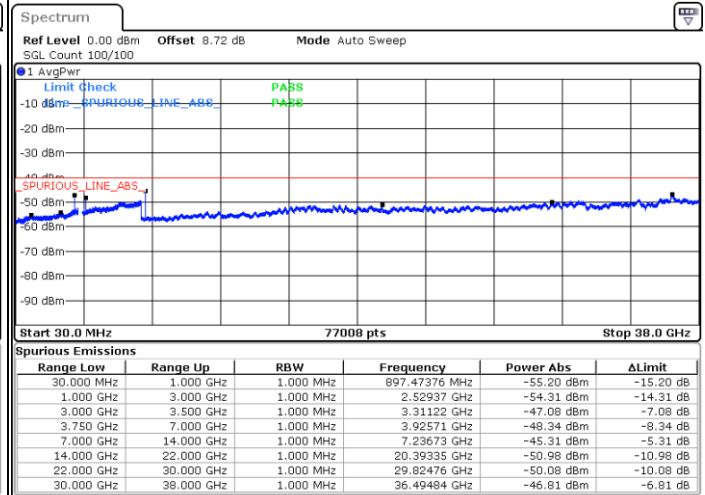
QPSK / 1RB0

Lowest Channel

Middle Channel

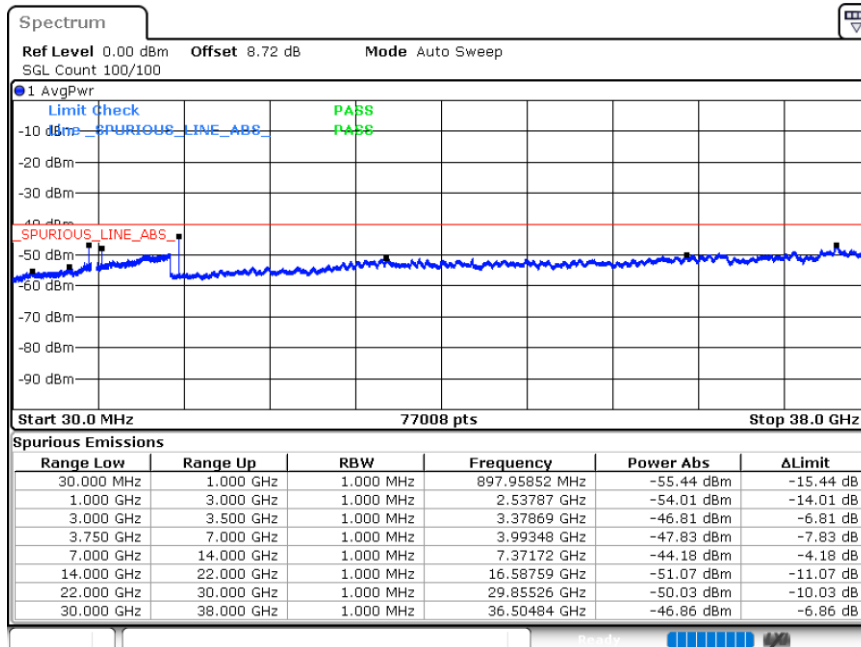


Date: 9.NOV.2022 05:13:03



Date: 9.NOV.2022 05:14:23

Highest Channel



Date: 9.NOV.2022 05:15:43

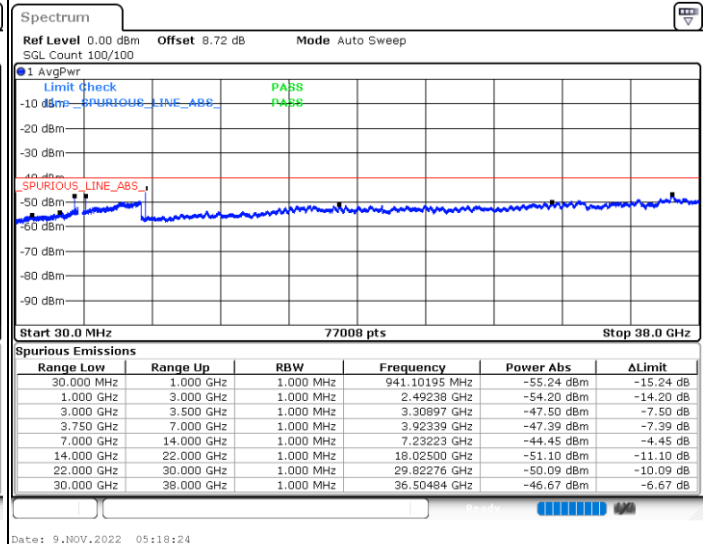
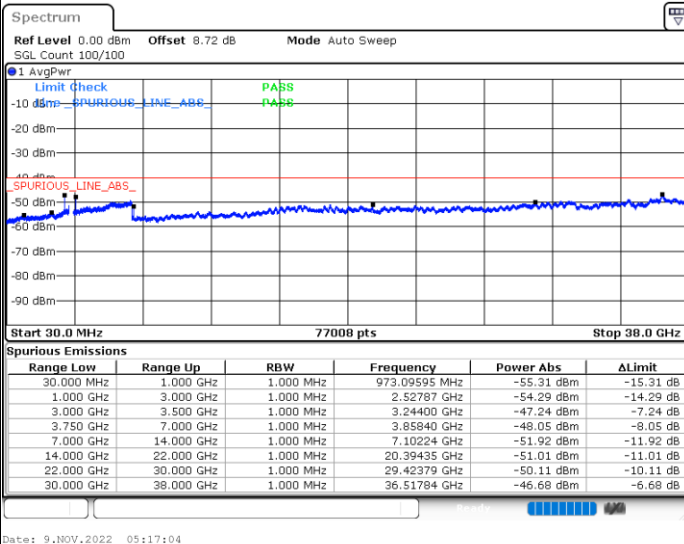


LTE Band 48 / 20MHz

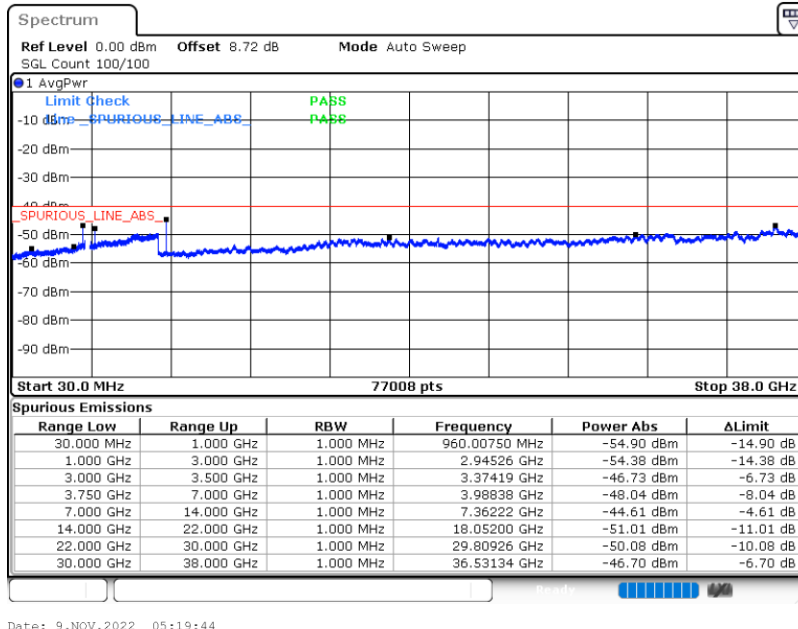
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



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	0.0024	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.48 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 :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 48 / 20MHz / QPSK / ANT2								
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	-61.10	-40	-21.10	-72.56	2.84	14.30	H
	10848	-56.87	-40	-16.87	-66.81	3.49	13.43	H
	14466	-60.24	-40	-20.24	-70.48	3.85	14.09	H
	7232	-62.53	-40	-22.53	-73.99	2.84	14.30	V
	10848	-58.38	-40	-18.38	-68.32	3.49	13.43	V
	14466	-59.64	-40	-19.64	-69.88	3.85	14.09	V

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