

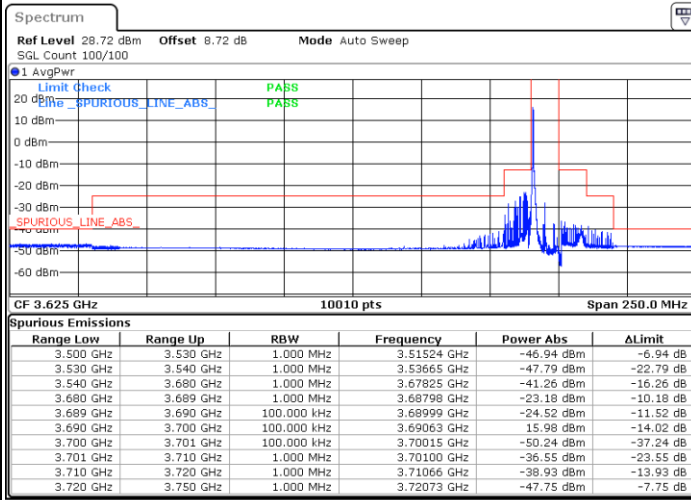


LTE Band 48 / 10MHz

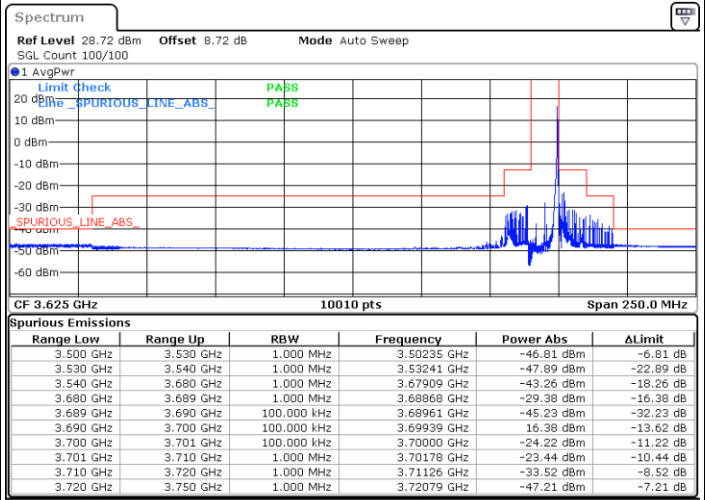
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



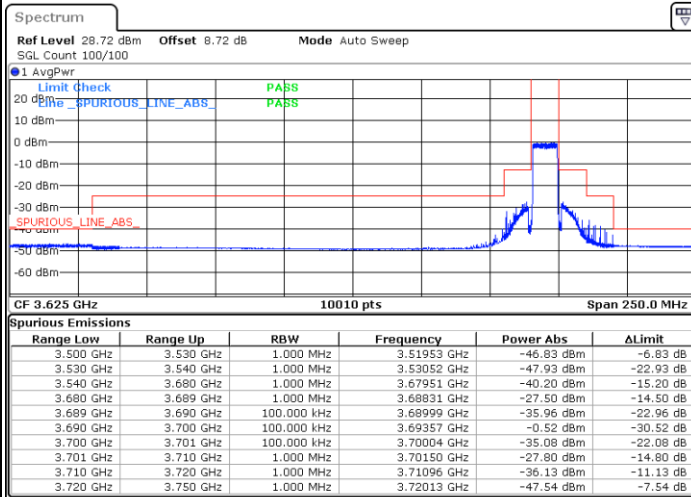
Date: 27.AUG.2022 15:33:29



Date: 27.AUG.2022 15:36:59

Highest Channel / FullIRB

N/A



Date: 27.AUG.2022 15:43:05

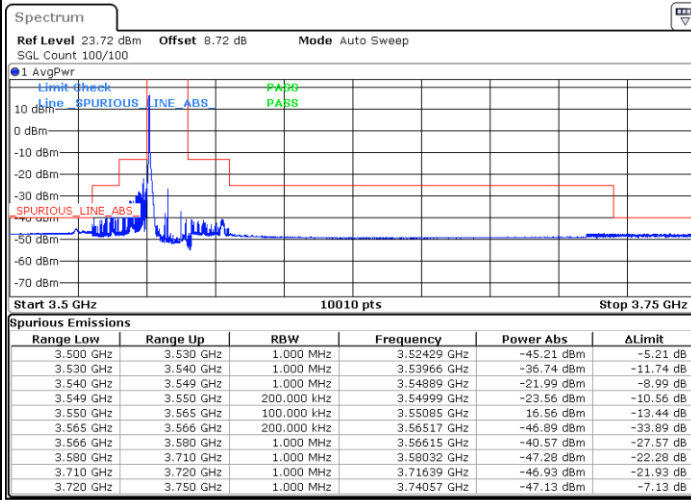


LTE Band 48 / 15MHz

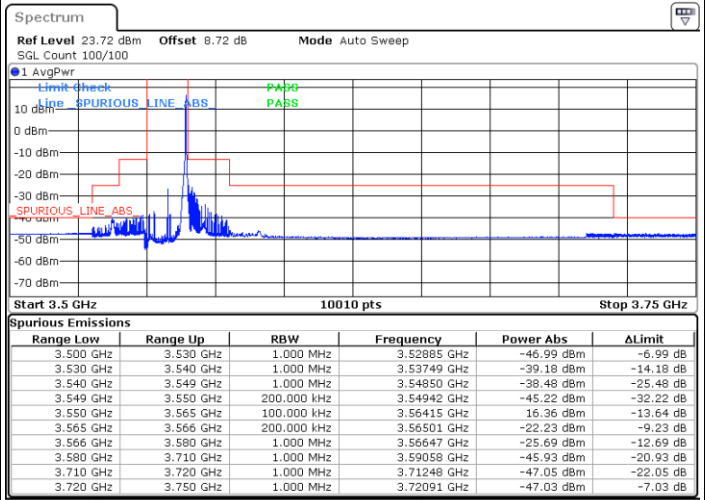
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



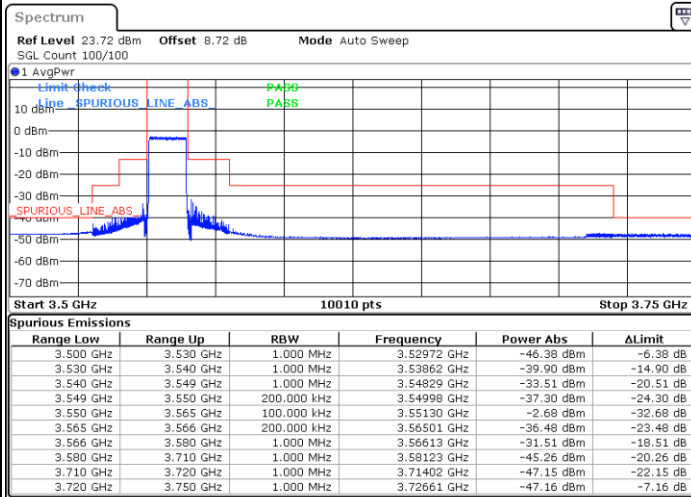
Date: 27.AUG.2022 13:10:13



Date: 27.AUG.2022 13:16:55

Lowest Channel / FullRB

N/A



Date: 27.AUG.2022 13:29:53

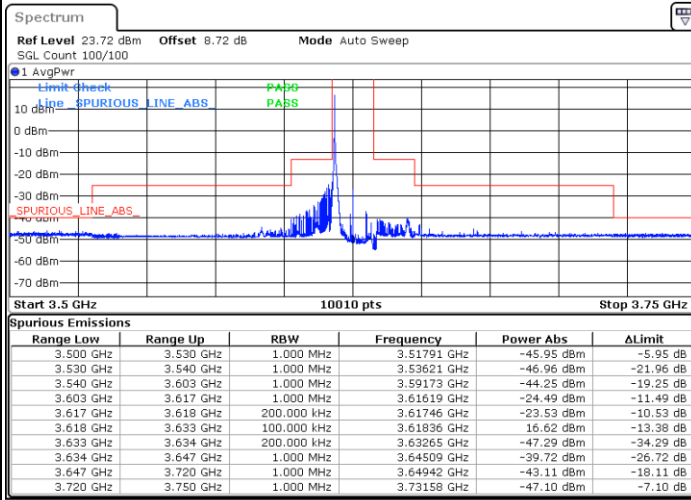


LTE Band 48 / 15MHz

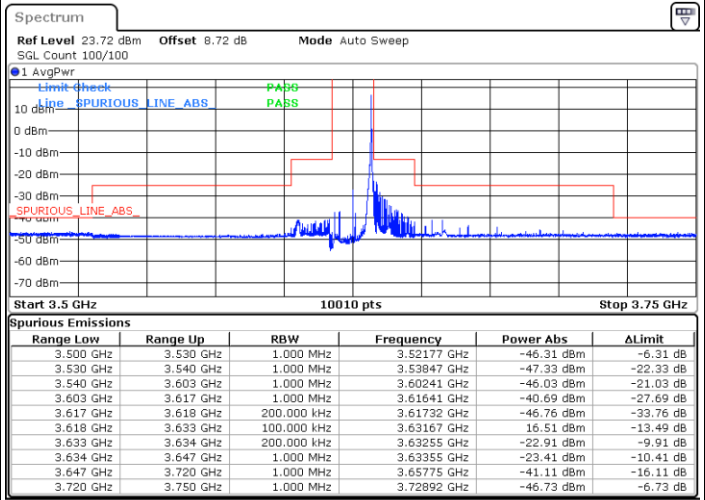
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



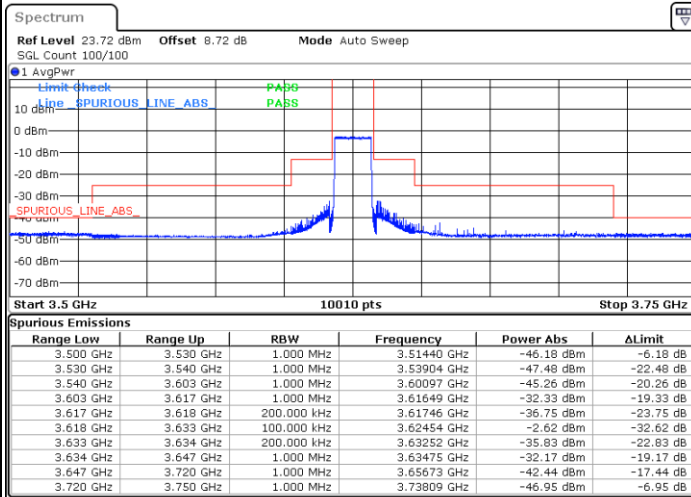
Date: 27.AUG.2022 13:38:16



Date: 27.AUG.2022 13:43:16

Middle Channel / FullRB

N/A



Date: 27.AUG.2022 13:51:36

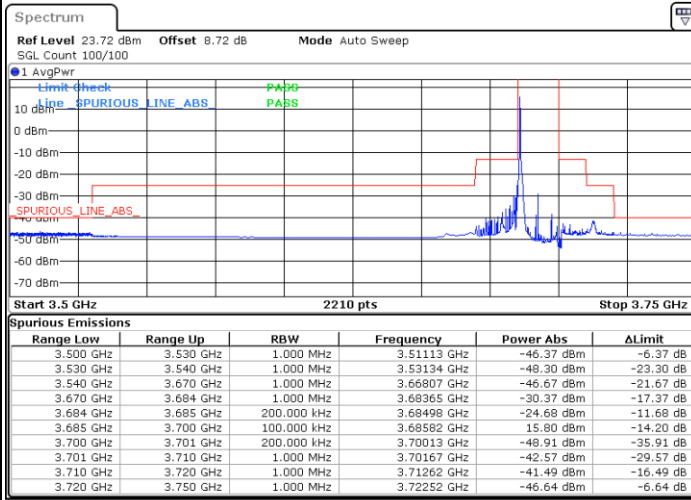


LTE Band 48 / 15MHz

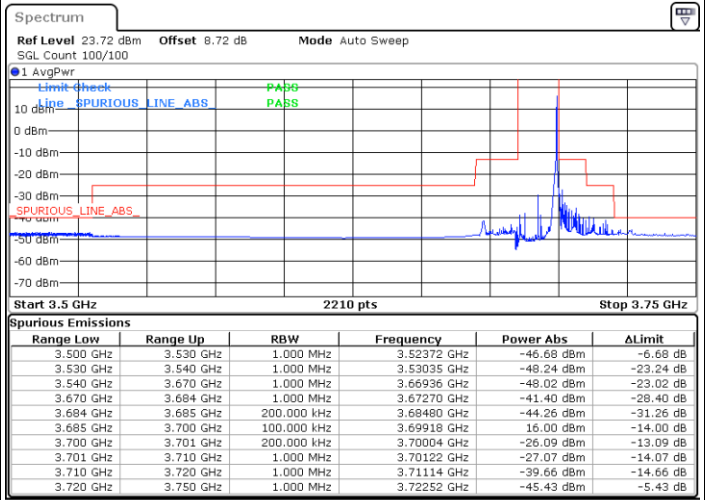
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



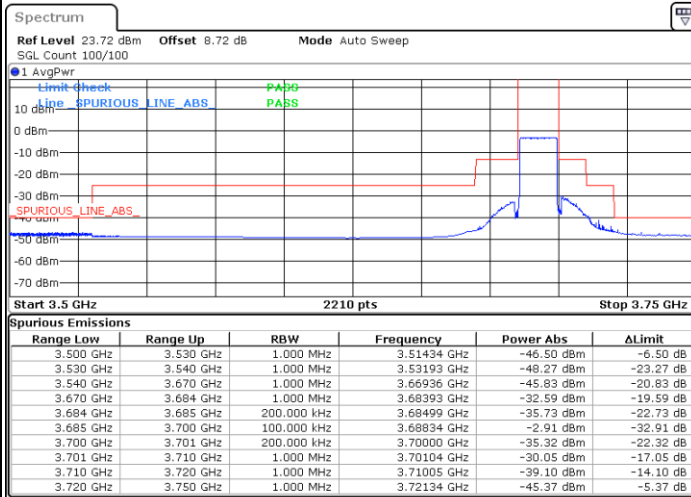
Date: 27.AUG.2022 13:58:17



Date: 27.AUG.2022 14:03:19

Highest Channel / FullIRB

N/A



Date: 27.AUG.2022 14:11:43

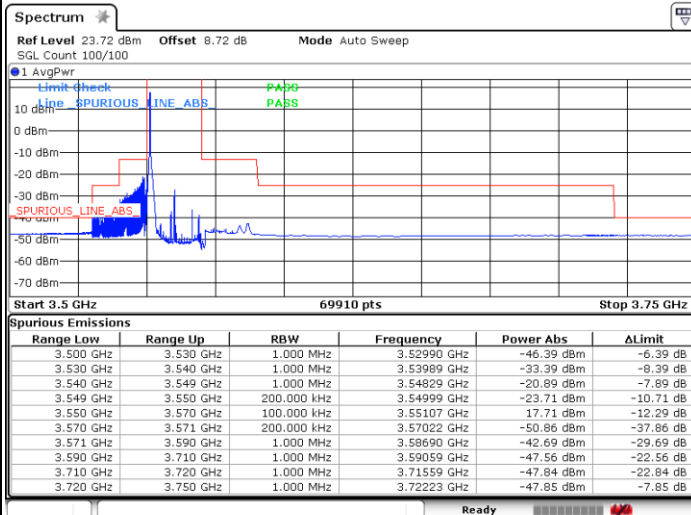


LTE Band 48 / 20MHz

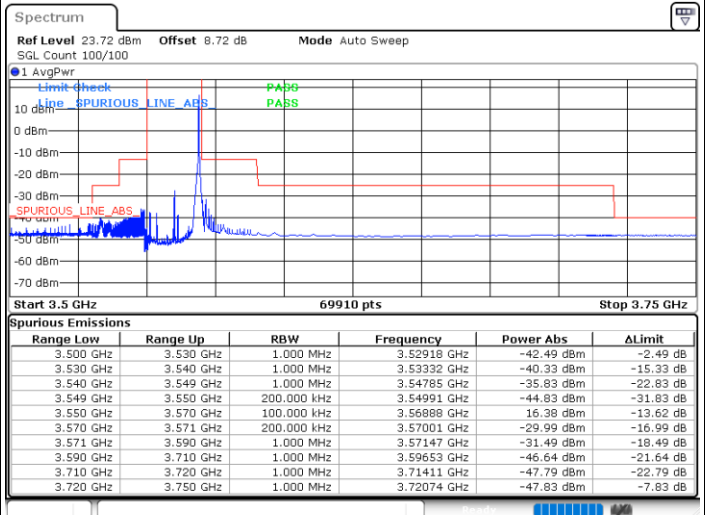
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



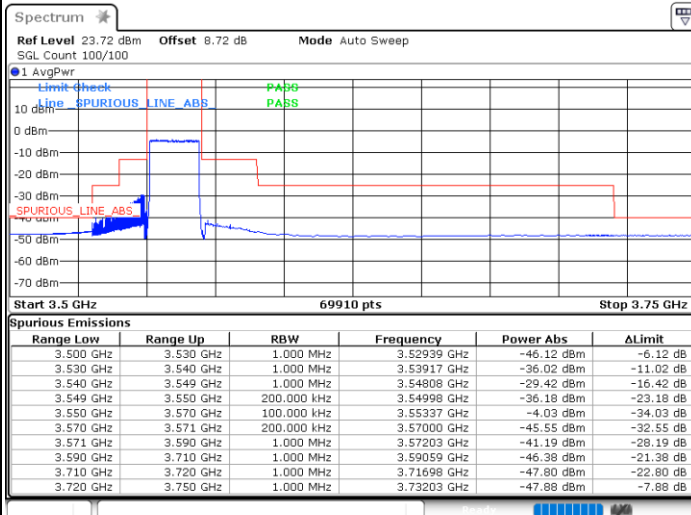
Date: 27.AUG.2022 14:22:33



Date: 27.AUG.2022 14:29:32

Lowest Channel / FullIRB

N/A



Date: 27.AUG.2022 14:38:28

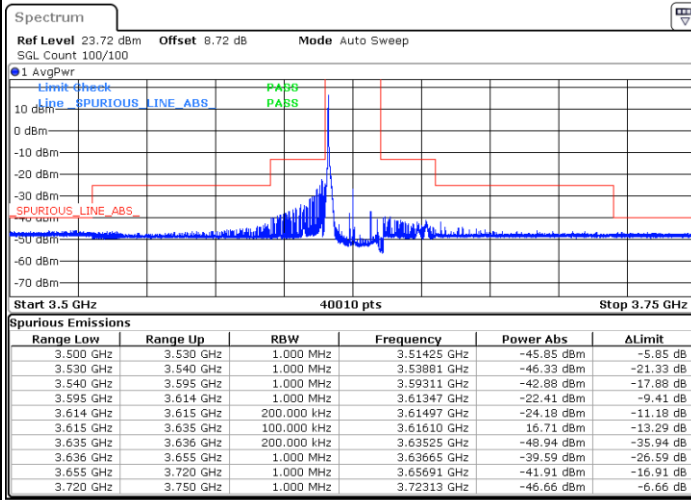


LTE Band 48 / 20MHz

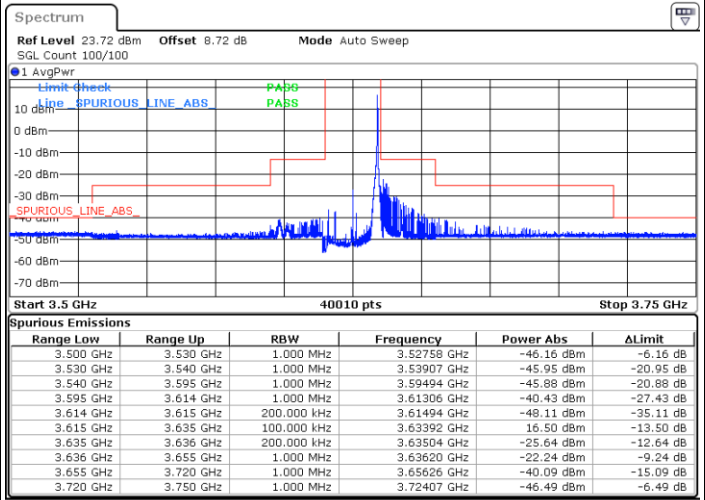
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



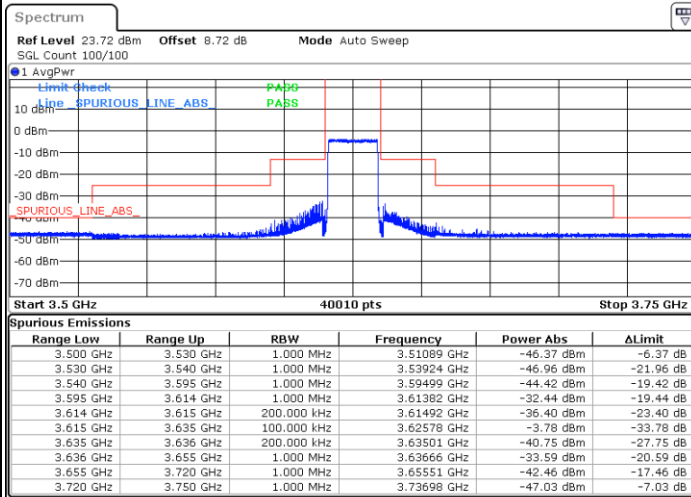
Date: 27.AUG.2022 14:47:34



Date: 27.AUG.2022 14:52:34

Middle Channel / FullRB

N/A



Date: 27.AUG.2022 15:00:54

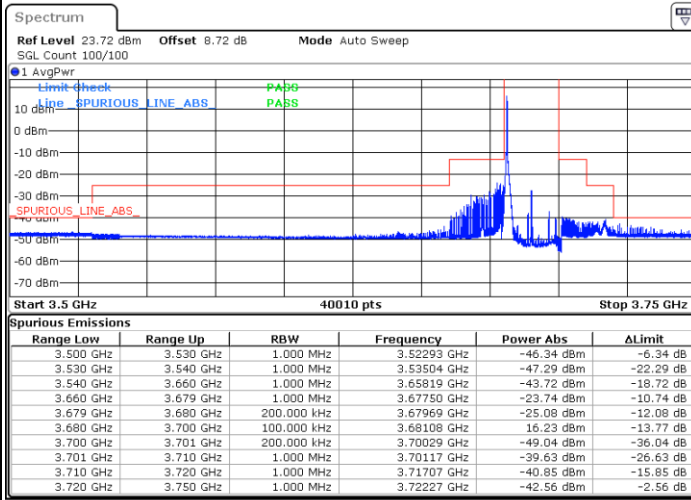


LTE Band 48 / 20MHz

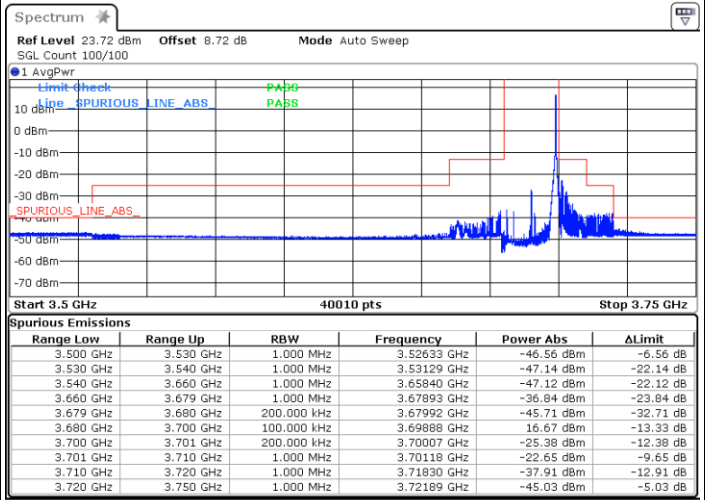
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



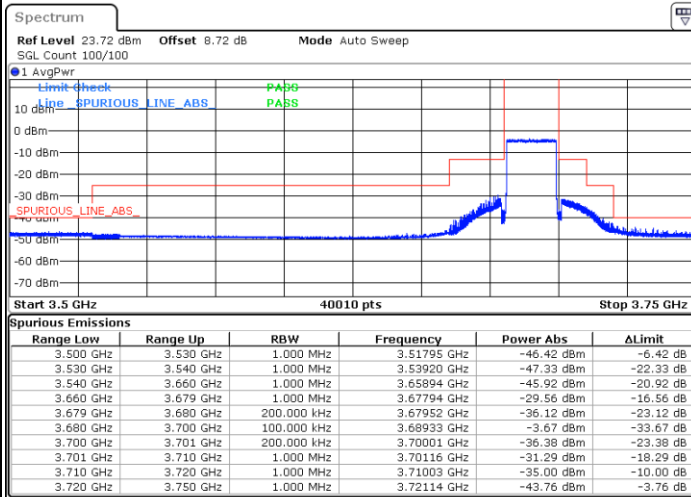
Date: 27.AUG.2022 15:07:36



Date: 27.AUG.2022 15:14:11

Highest Channel / FullIRB

N/A



Date: 27.AUG.2022 15:22:51



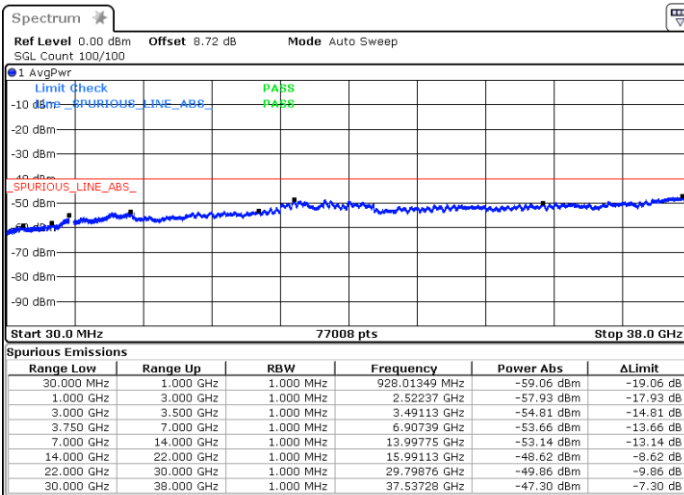
Conducted Spurious Emission

LTE Band 48 / 5MHz

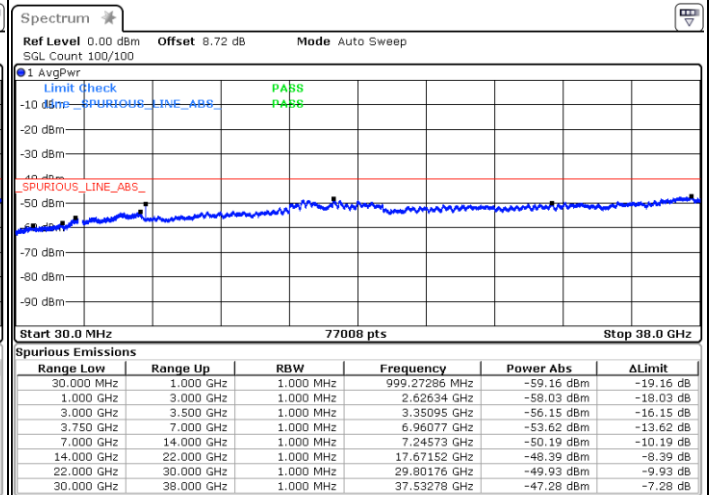
QPSK / 1RB0

Lowest Channel

Middle Channel

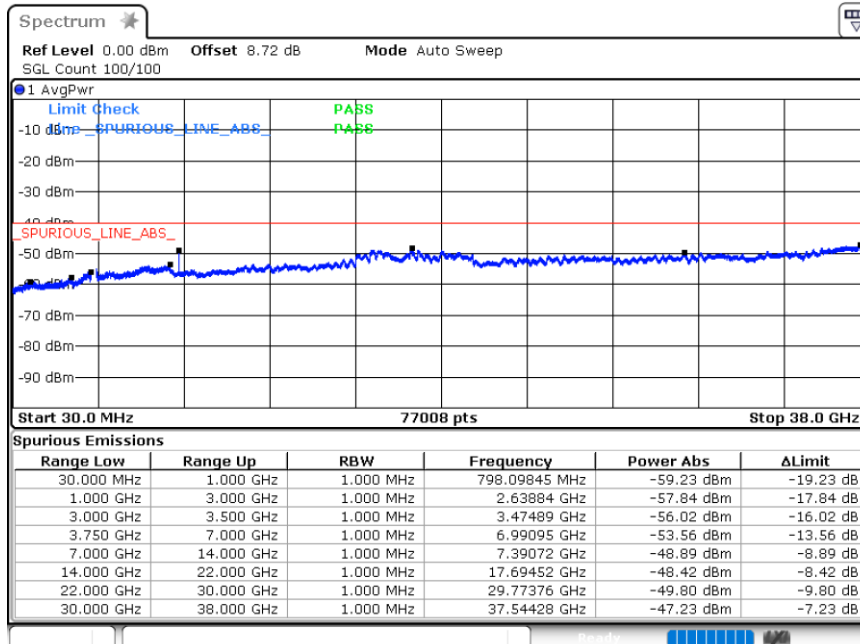


Date: 27.AUG.2022 15:46:32



Date: 27.AUG.2022 15:48:14

Highest Channel



Date: 27.AUG.2022 15:49:56

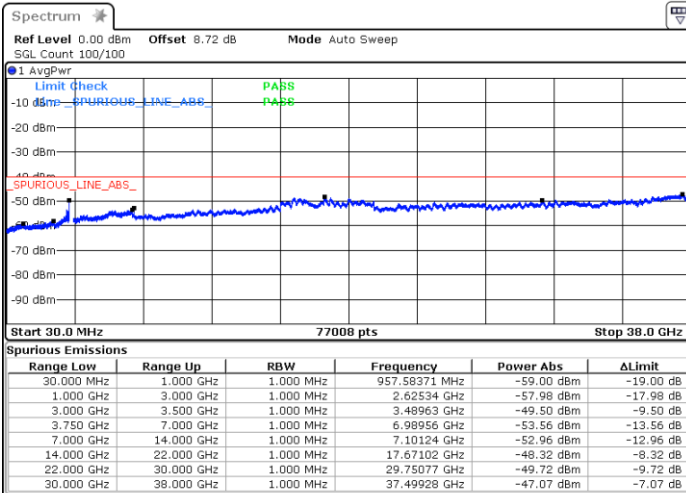


LTE Band 48 / 10MHz

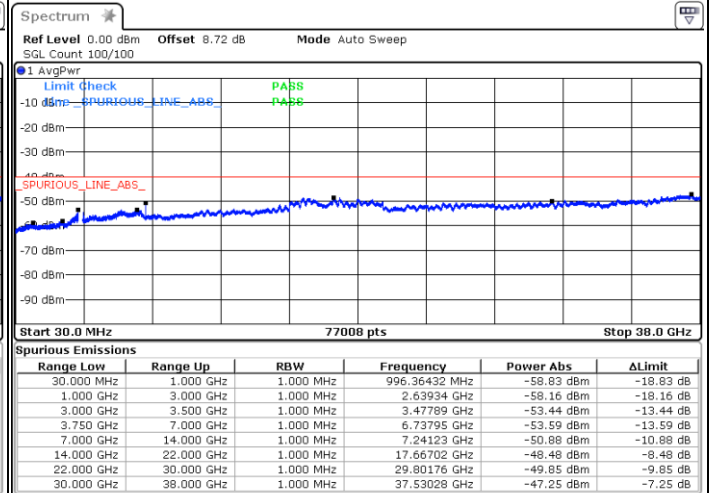
QPSK / 1RB0

Lowest Channel

Middle Channel

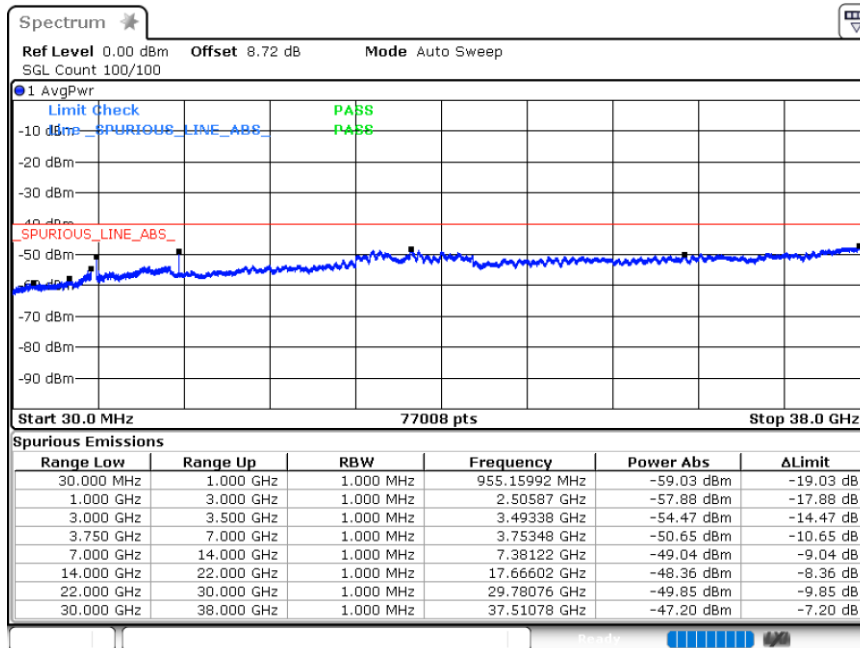


Date: 27.AUG.2022 15:51:42



Date: 27.AUG.2022 15:53:26

Highest Channel



Date: 27.AUG.2022 15:55:08

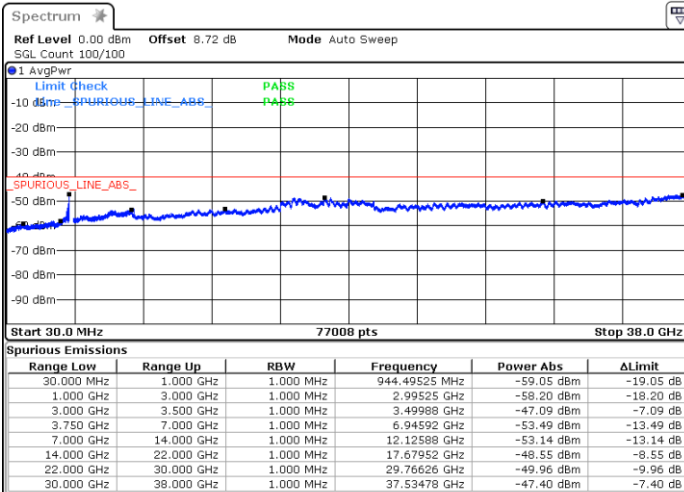


LTE Band 48 / 15MHz

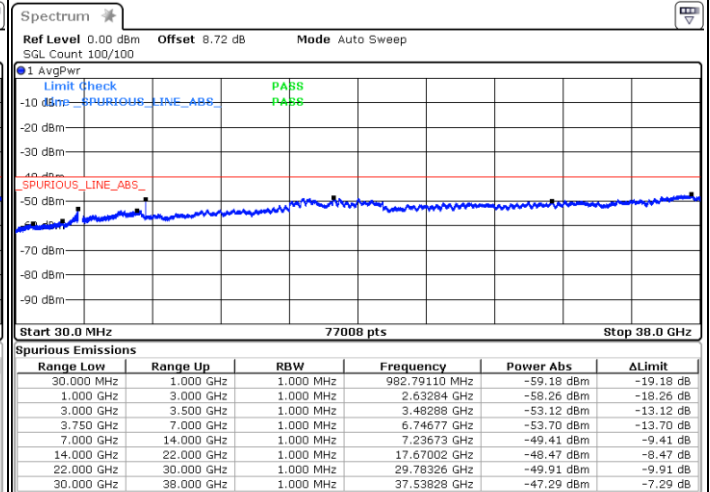
QPSK / 1RB0

Lowest Channel

Middle Channel

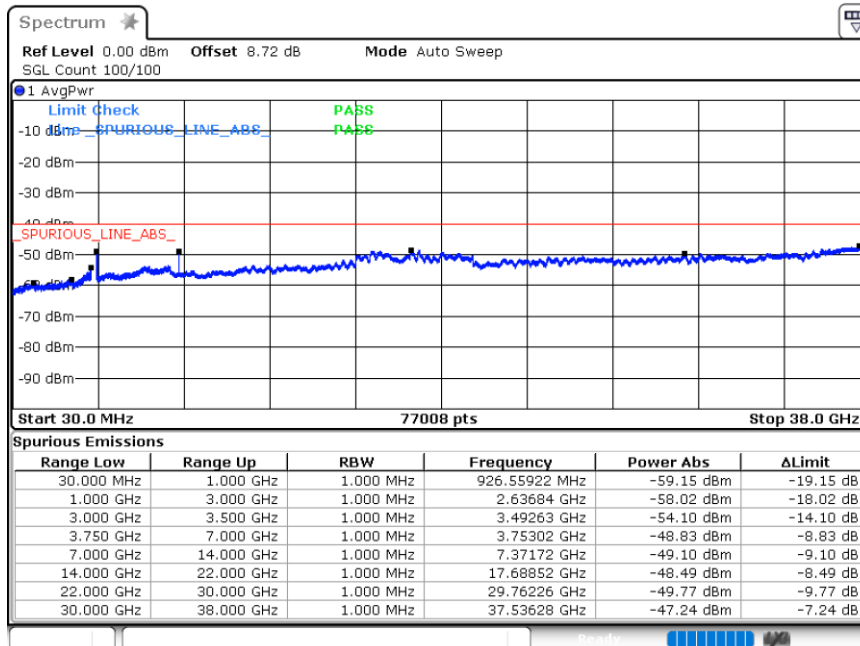


Date: 27.AUG.2022 15:56:58



Date: 27.AUG.2022 15:59:01

Highest Channel



Date: 27.AUG.2022 16:00:45

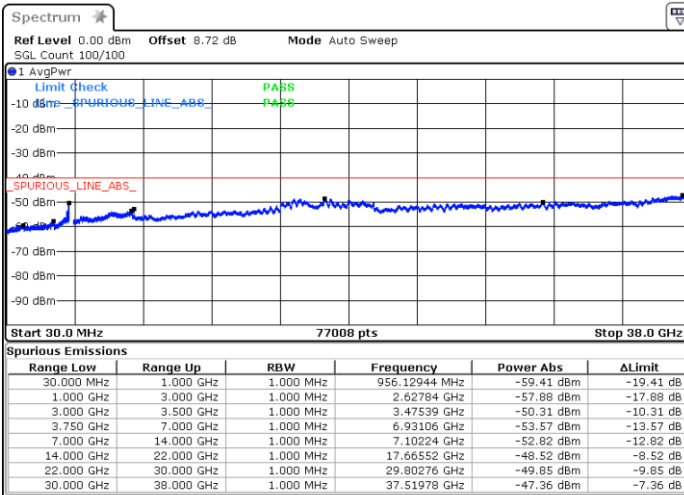


LTE Band 48 / 20MHz

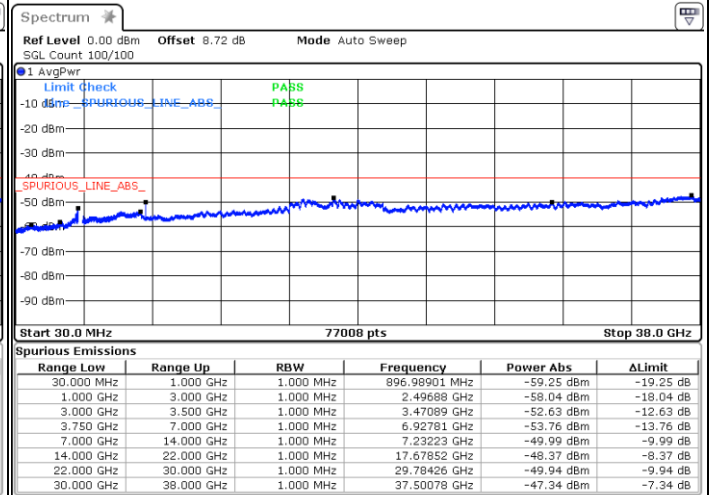
QPSK / 1RB0

Lowest Channel

Middle Channel

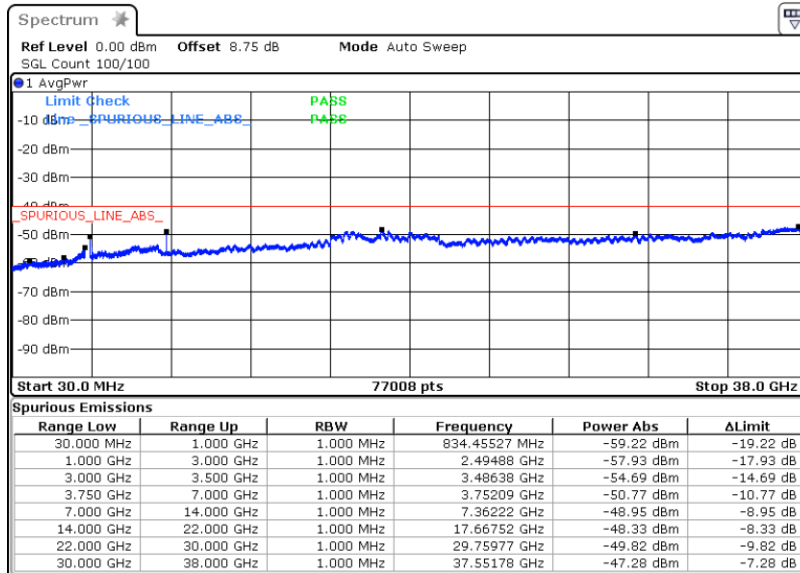


Date: 27.AUG.2022 16:02:42



Date: 27.AUG.2022 16:04:37

Highest Channel



Date: 27.AUG.2022 16:10:14

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	0.0026	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	End Point	0.0004	

Note:

1. Normal Voltage =12 V. ; Battery End Point (BEP) =11.4 V. ; Maximum Voltage =12.6 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 :	40~42%

For Sample 1

LTE Band 48 / 20MHz / QPSK(Ant 1)								
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	-58.35	-40	-18.35	-69.81	2.84	14.30	H
	10848	-59.79	-40	-19.79	-69.73	3.49	13.43	H
	14466	-60.06	-40	-20.06	-70.30	3.85	14.09	H
	7230	-61.00	-40	-21.00	-72.46	2.84	14.30	V
	10848	-60.17	-40	-20.17	-70.11	3.49	13.43	V
	14466	-59.86	-40	-19.86	-70.10	3.85	14.09	V

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

LTE Band 48 / 20MHz / QPSK(Ant 2)								
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	-45.69	-40	-5.69	-57.15	2.84	14.30	H
	10848	-52.34	-40	-12.34	-62.28	3.49	13.43	H
	14466	-60.41	-40	-20.41	-70.65	3.85	14.09	H
	7230	-49.16	-40	-9.16	-60.62	2.84	14.30	V
	10848	-53.18	-40	-13.18	-63.12	3.49	13.43	V
	14466	-60.42	-40	-20.42	-70.66	3.85	14.09	V

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

**For Sample 2**

LTE Band 48 / 20MHz / QPSK(Ant 1)								
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	-45.28	-40	-5.28	-56.74	2.84	14.30	H
	10848	-60.23	-40	-20.23	-70.17	3.49	13.43	H
	14466	-60.96	-40	-20.96	-71.20	3.85	14.09	H
	7230	-44.81	-40	-4.81	-56.27	2.84	14.30	V
	10848	-58.34	-40	-18.34	-68.28	3.49	13.43	V
	14466	-60.71	-40	-20.71	-70.95	3.85	14.09	V

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

LTE Band 48 / 20MHz / QPSK(Ant 2)								
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	-47.45	-40	-7.45	-58.91	2.84	14.30	H
	10848	-59.47	-40	-19.47	-69.41	3.49	13.43	H
	14466	-60.91	-40	-20.91	-71.15	3.85	14.09	H
	7230	-46.25	-40	-6.25	-57.71	2.84	14.30	V
	10848	-59.24	-40	-19.24	-69.18	3.49	13.43	V
	14466	-61.12	-40	-21.12	-71.36	3.85	14.09	V

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