

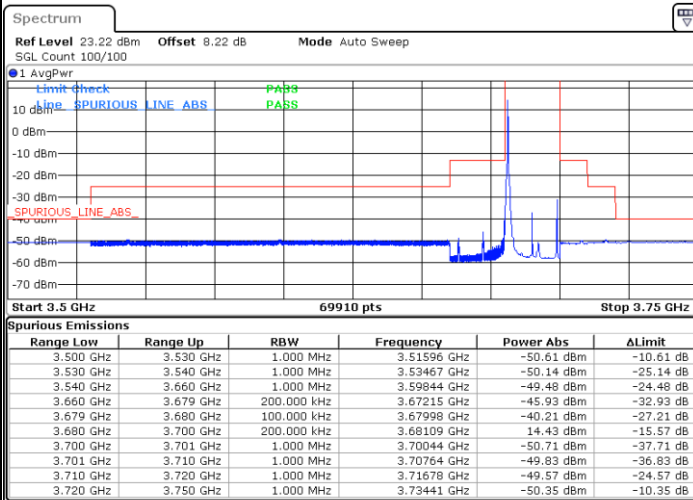


LTE Band 48 / 20MHz

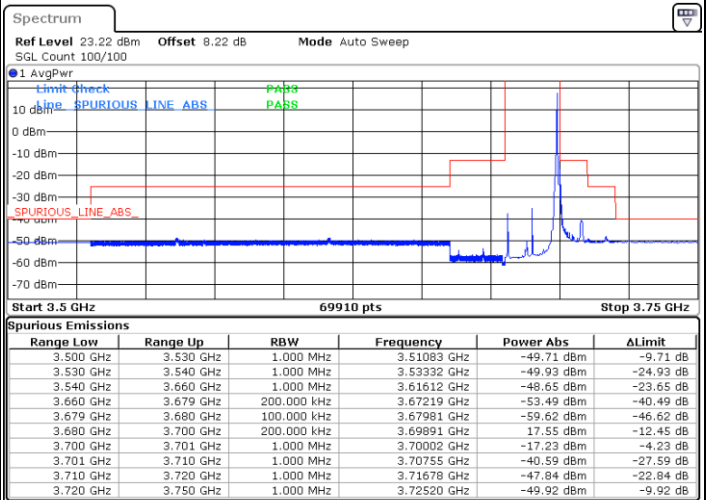
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



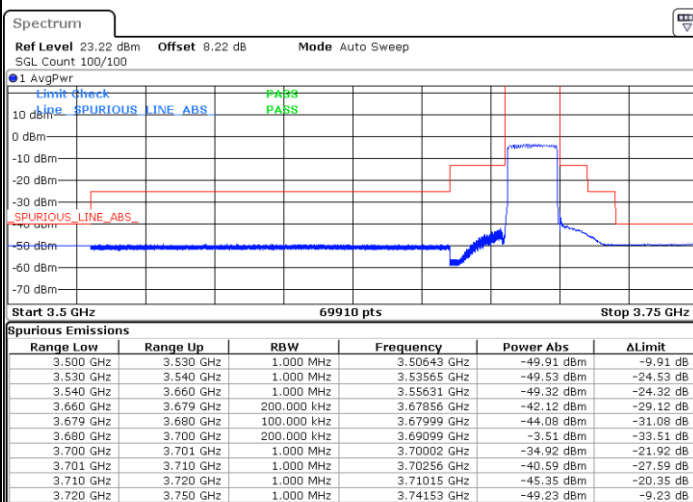
Date: 11 SEP 2020 21:00:34



Date: 11 SEP 2020 20:56:44

Highest Channel / Full RB

N/A



Date: 11 SEP 2020 16:46:58

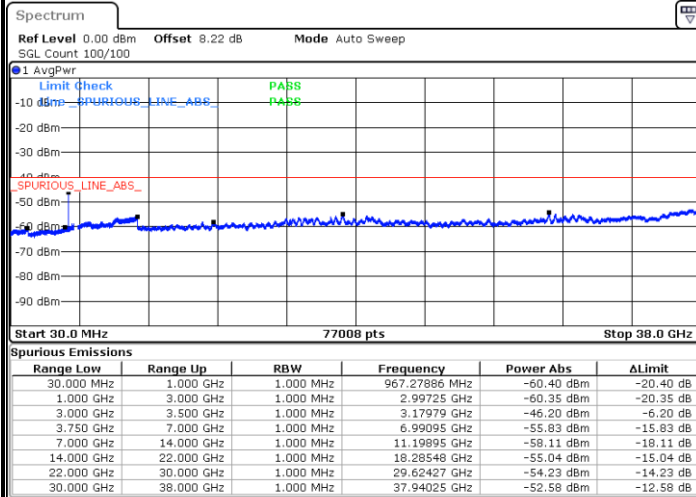


Conducted Spurious Emission

LTE Band 48 / 5MHz

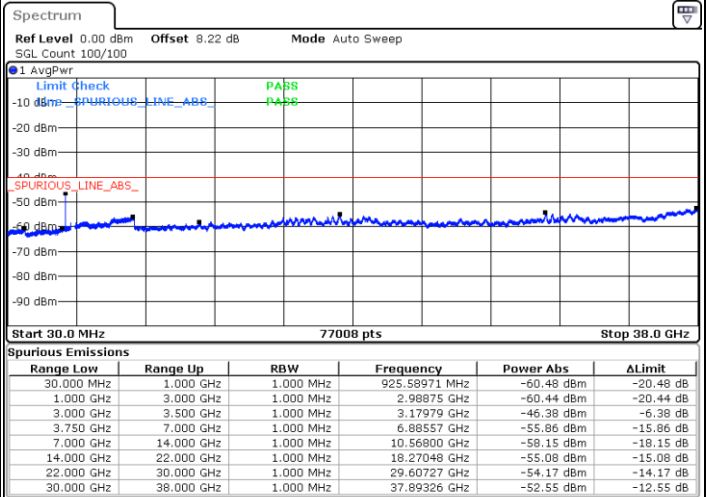
QPSK

Lowest Channel / 1RB0



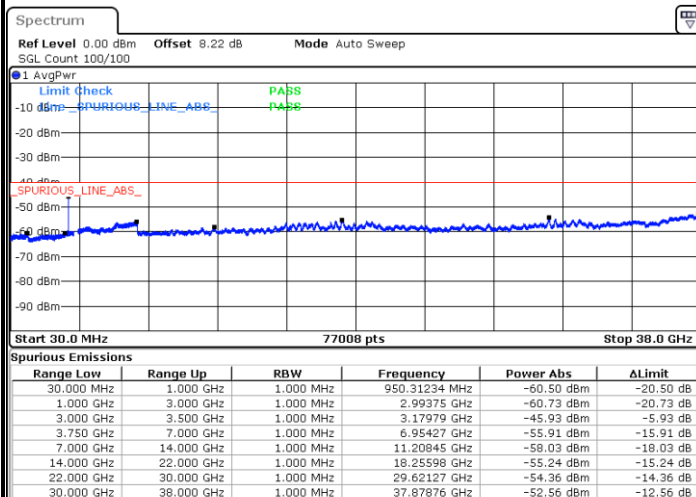
Date: 11.SEP.2020 22:47:20

Middle Channel / 1RB0



Date: 11.SEP.2020 22:42:15

Highest Channel / 1RB0



Date: 11.SEP.2020 22:50:49

N/A

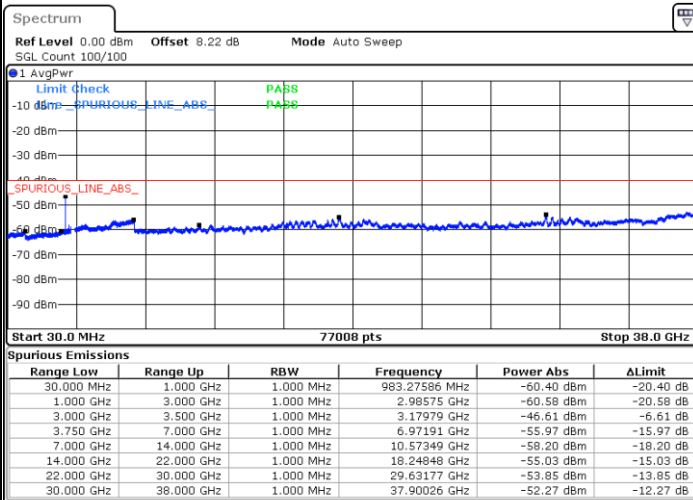


LTE Band 48 / 10MHz

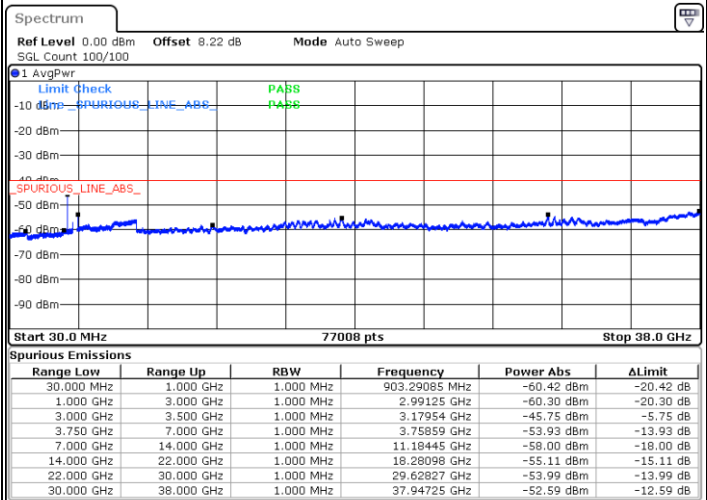
QPSK

Lowest Channel / 1RB0

Middle Channel / 1RB0



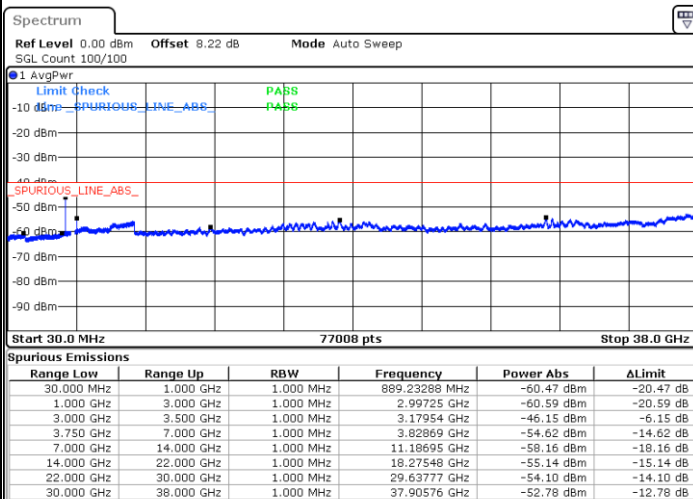
Date: 11.SEP.2020 22:36:32



Date: 11.SEP.2020 22:34:33

Highest Channel / 1RB0

N/A



Date: 11.SEP.2020 22:40:57

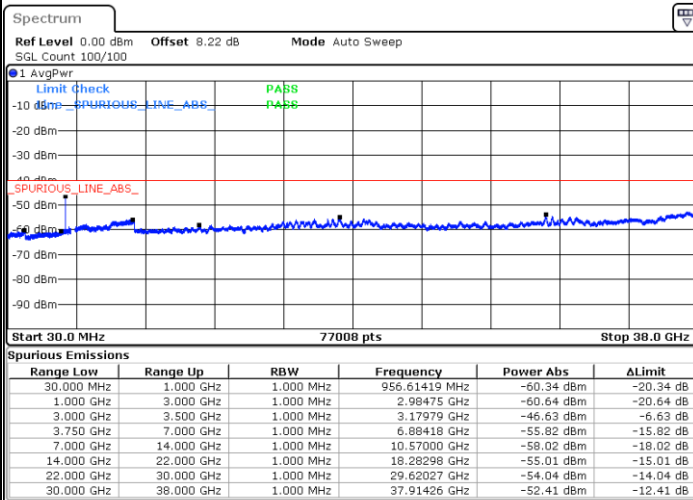


LTE Band 48 / 15MHz

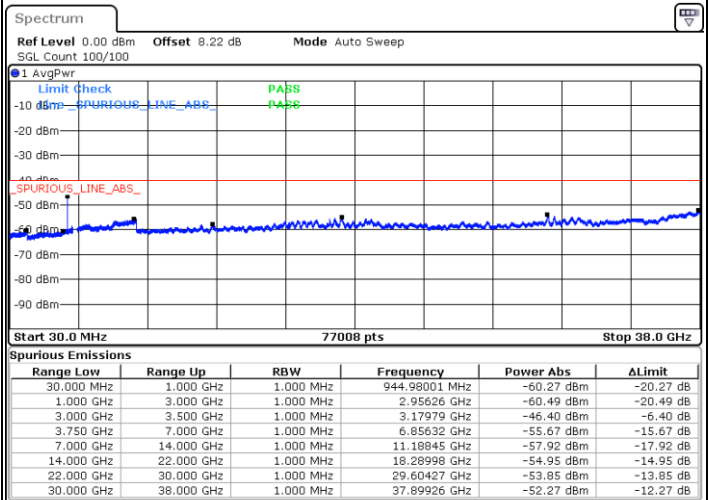
QPSK

Lowest Channel / 1RB0

Middle Channel / 1RB0



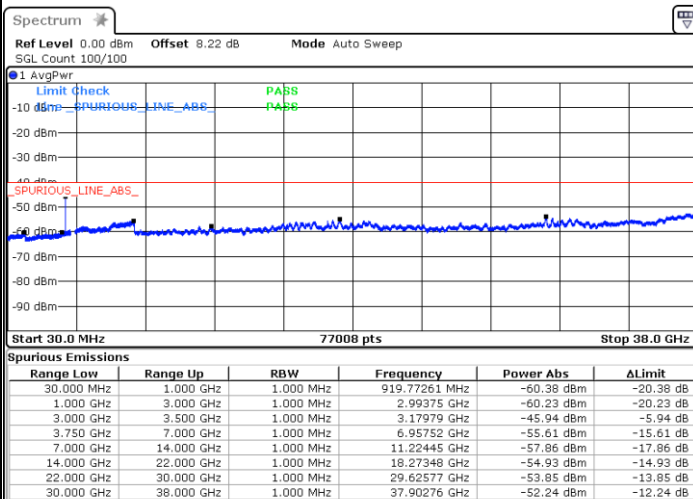
Date: 11.SEP.2020 22:28:59



Date: 11.SEP.2020 22:27:38

Highest Channel / 1RB0

N/A



Date: 11.SEP.2020 22:23:07

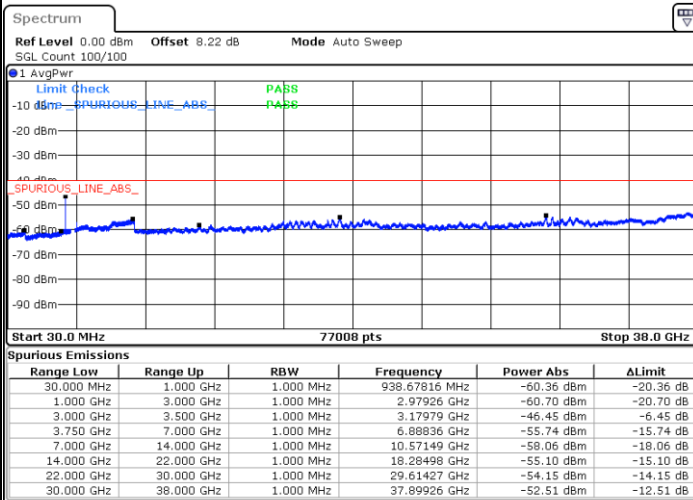


LTE Band 48 / 20MHz

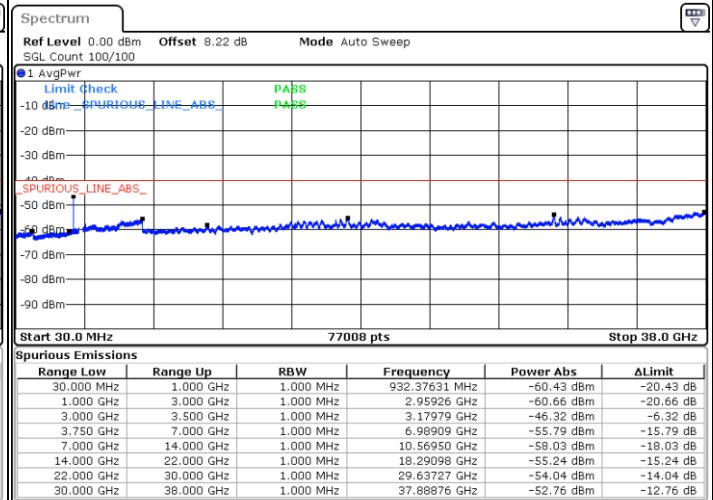
QPSK

Lowest Channel / 1RB0

Middle Channel / 1RB0



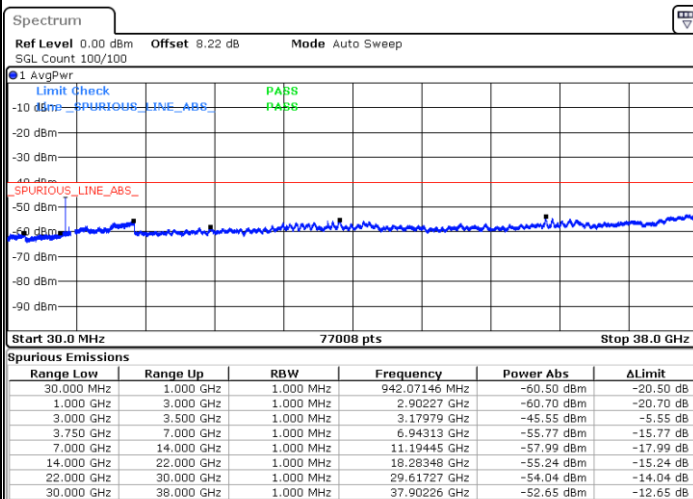
Date: 11.SEP.2020 22:59:34



Date: 11.SEP.2020 22:57:09

Highest Channel / 1RB0

N/A



Date: 11.SEP.2020 23:04:31

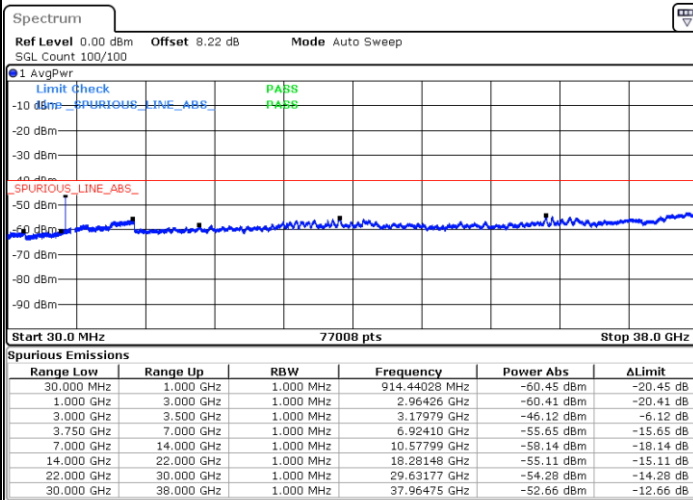


LTE Band 48 / 5MHz

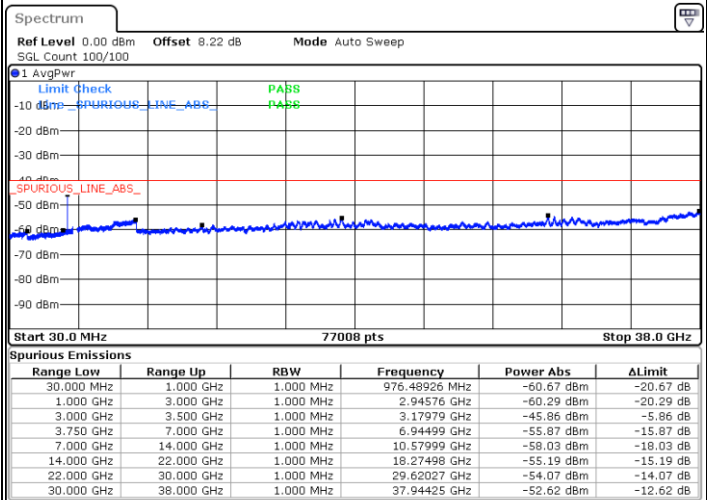
16QAM

Lowest Channel / 1RB0

Middle Channel / 1RB0



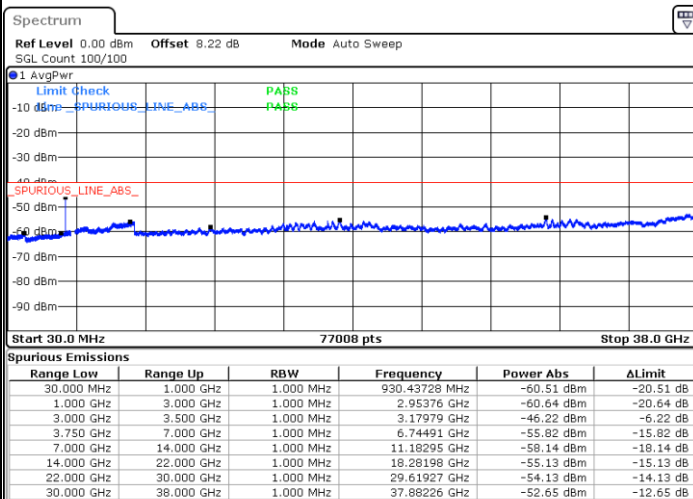
Date: 11.SEP.2020 22:45:40



Date: 11.SEP.2020 22:43:58

Highest Channel / 1RB0

N/A



Date: 11.SEP.2020 22:52:41

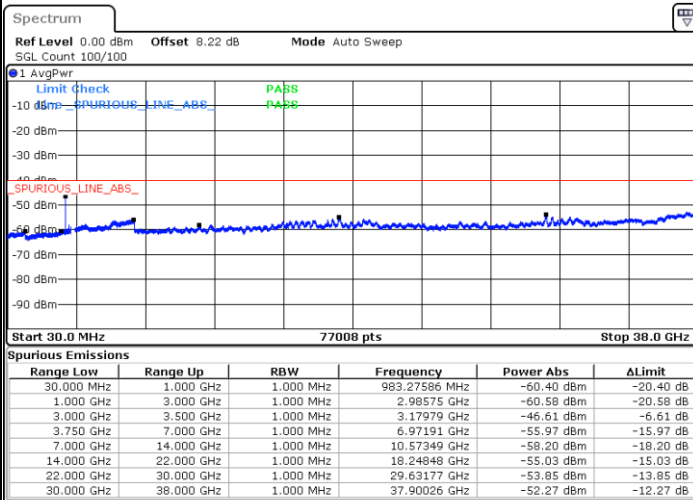


LTE Band 48 / 10MHz

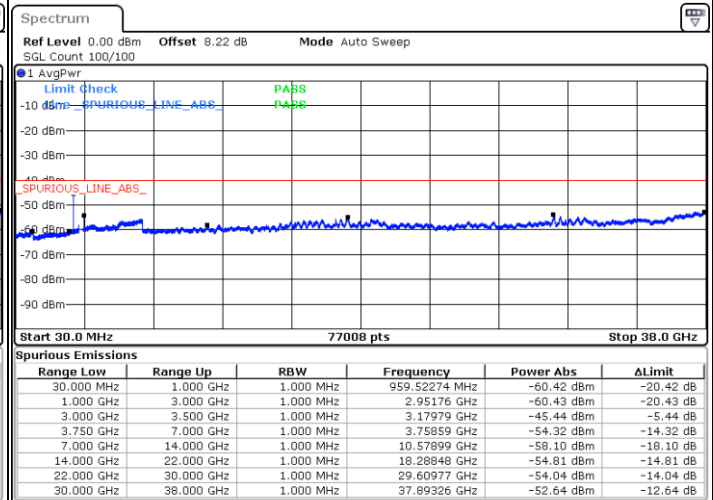
16QAM

Lowest Channel / 1RB0

Middle Channel / 1RB0



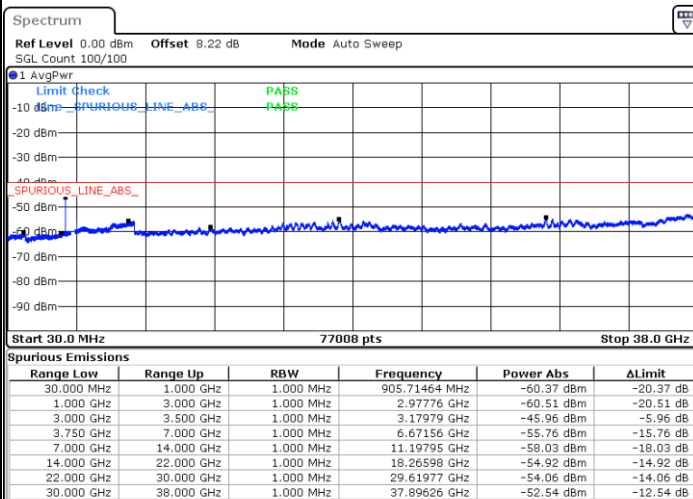
Date: 11.SEP.2020 22:36:32



Date: 11.SEP.2020 22:33:26

Highest Channel / 1RB0

N/A



Date: 11.SEP.2020 22:39:31

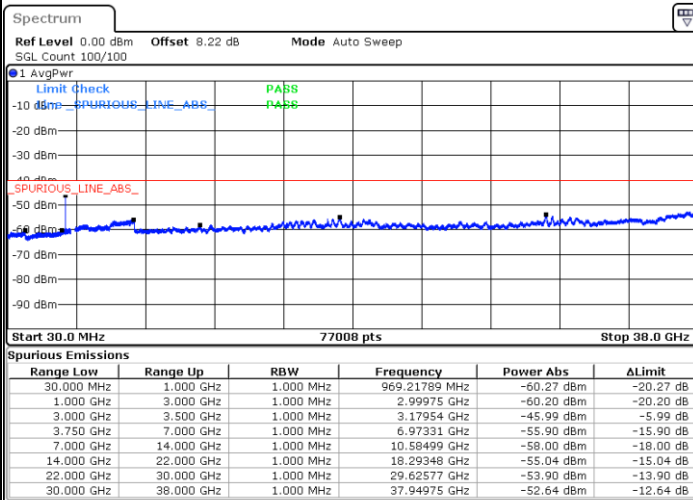


LTE Band 48 / 15MHz

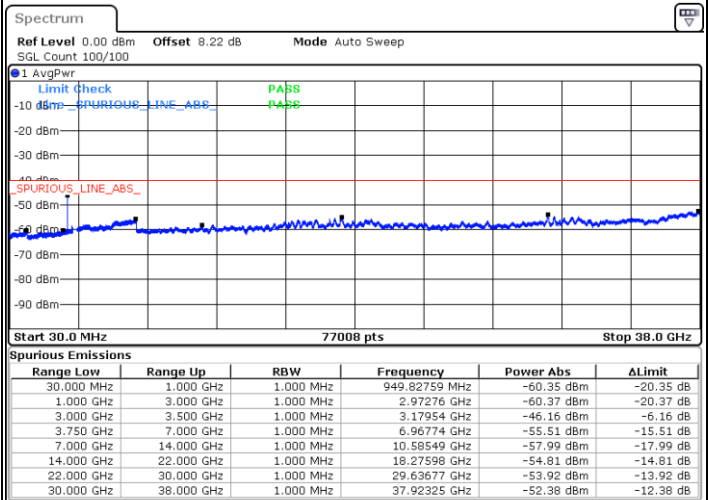
16QAM

Lowest Channel / 1RB0

Middle Channel / 1RB0



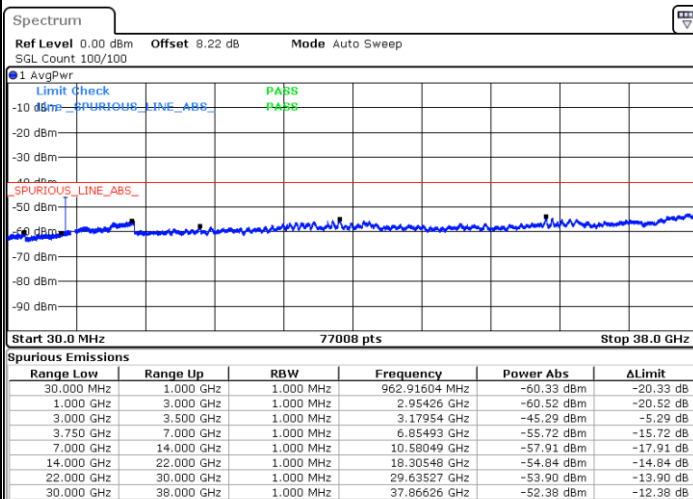
Date: 11.SEP.2020 22:31:01



Date: 11.SEP.2020 22:26:30

Highest Channel / 1RB0

N/A



Date: 11.SEP.2020 22:24:39

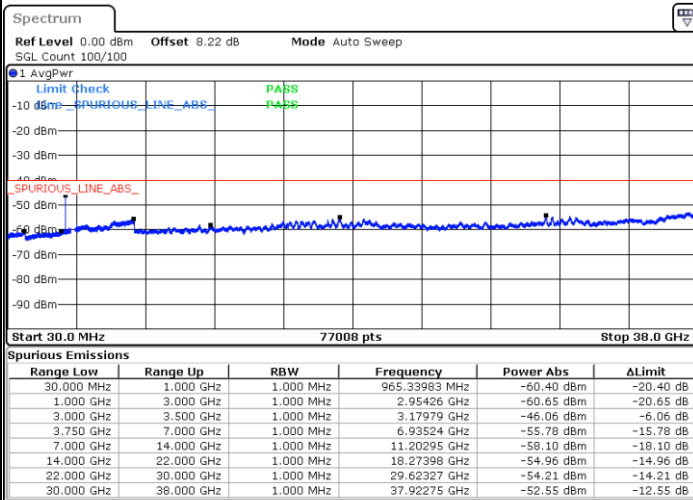


LTE Band 48 / 20MHz

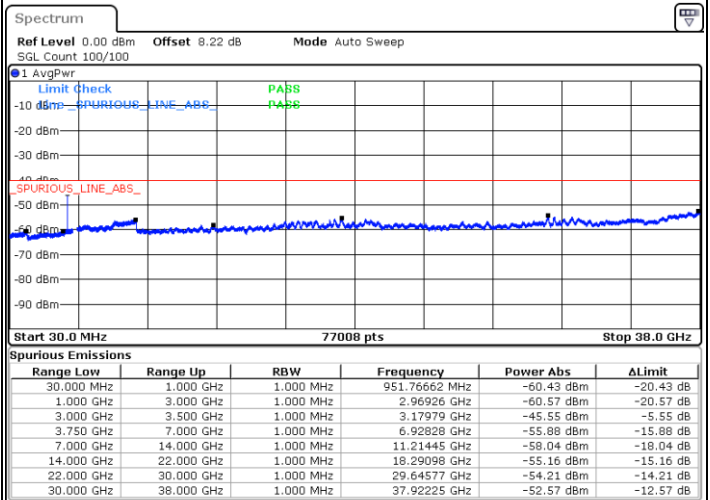
16QAM

Lowest Channel / 1RB0

Middle Channel / 1RB0



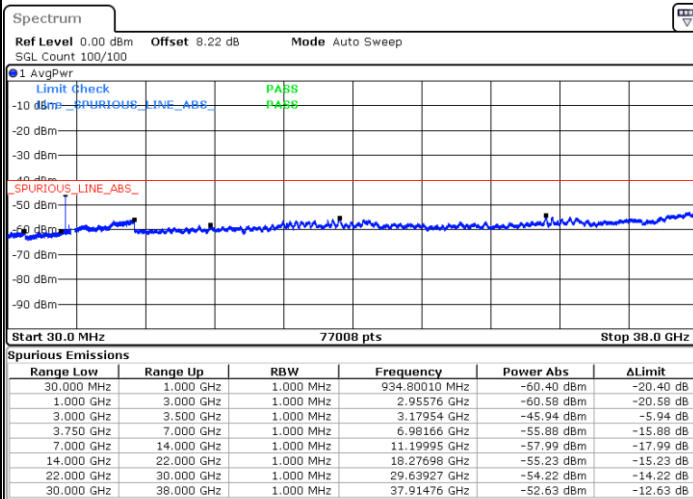
Date: 11.SEP.2020 23:01:25



Date: 11.SEP.2020 22:55:25

Highest Channel / 1RB0

N/A



Date: 11.SEP.2020 23:03:29

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	0.0025	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0046	
20	Maximum Voltage	0.0065	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	-60.20	-40	-20.20	-71.66	2.84	14.30	H
	10848	-55.34	-40	-15.34	-65.28	3.49	13.43	H
	14466	-52.01	-40	-12.01	-62.25	3.85	14.09	H
	7230	-59.75	-40	-19.75	-71.21	2.84	14.30	V
	10848	-55.20	-40	-15.20	-65.14	3.49	13.43	V
	14466	-48.72	-40	-8.72	-58.96	3.85	14.09	V

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