

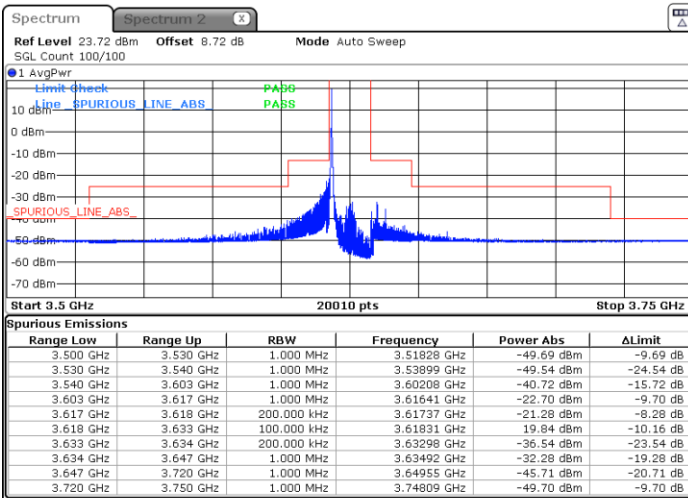


LTE Band 48 / 15MHz

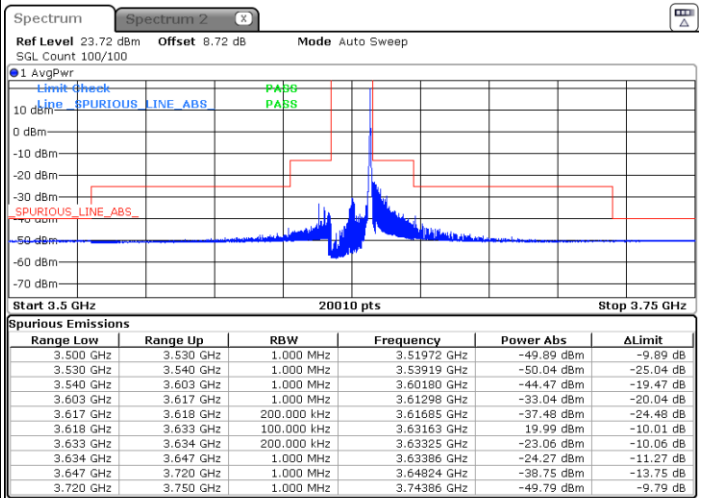
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



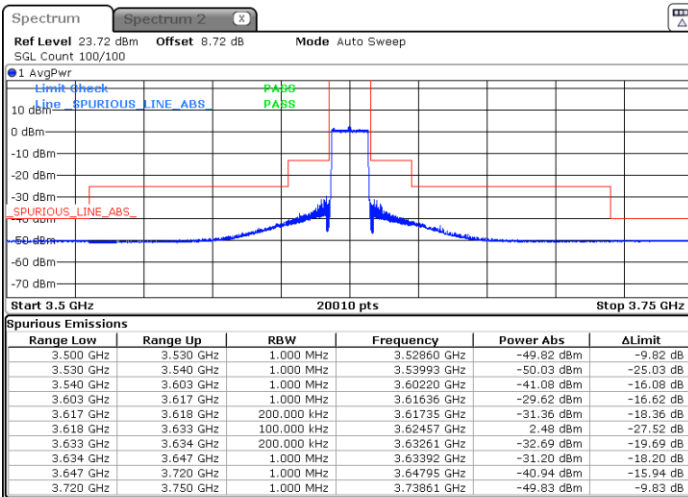
Date: 15.MAR.2021 17:20:03



Date: 15.MAR.2021 17:16:32

Middle Channel / Full RB

N/A



Date: 15.MAR.2021 17:23:45

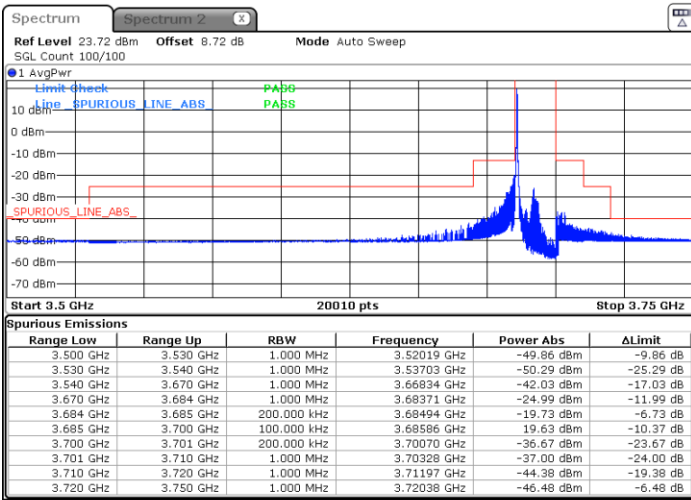


LTE Band 48 / 15MHz

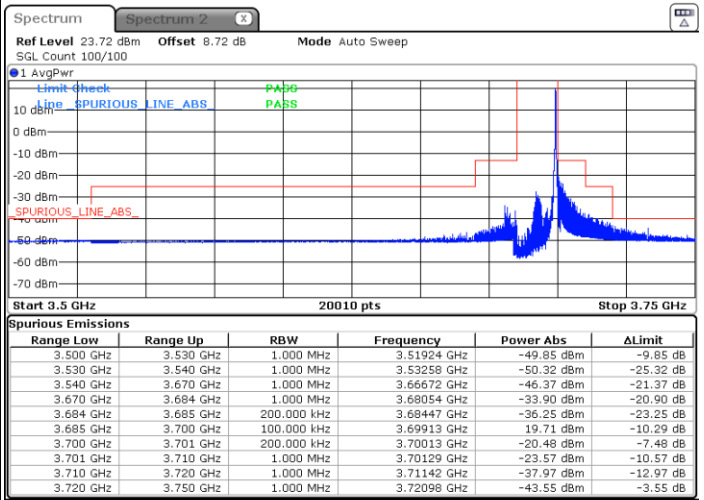
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



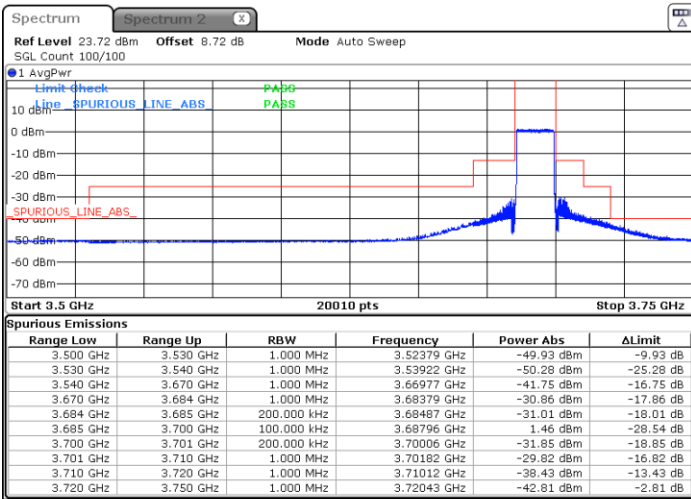
Date: 15.MAR.2021 17:32:31



Date: 15.MAR.2021 17:36:02

Highest Channel / Full RB

N/A



Date: 15.MAR.2021 17:28:44

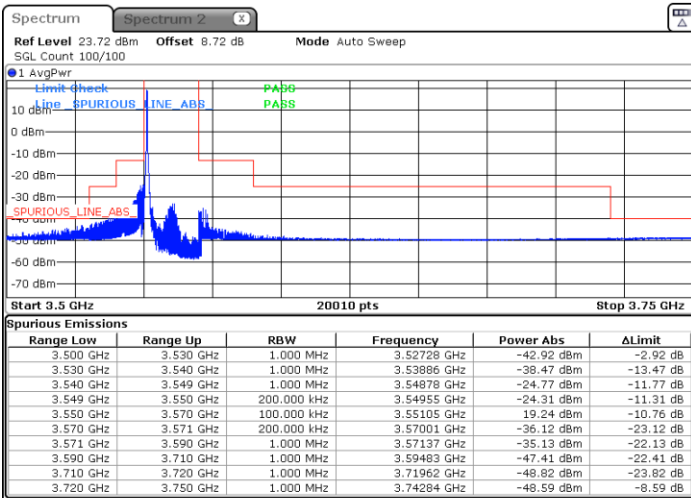


LTE Band 48 / 20MHz

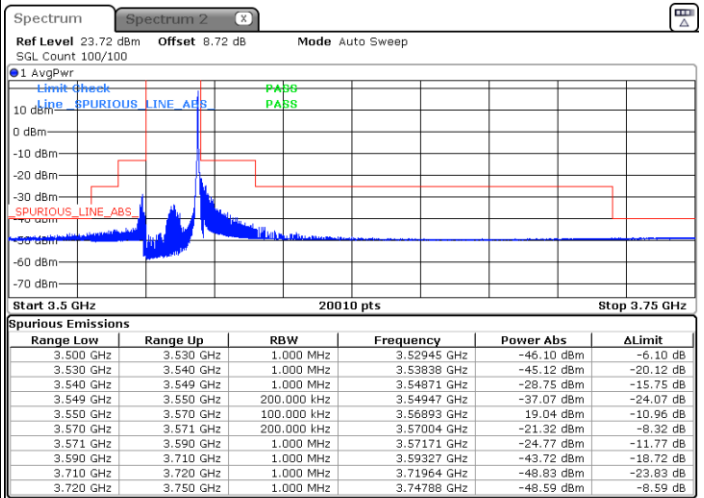
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



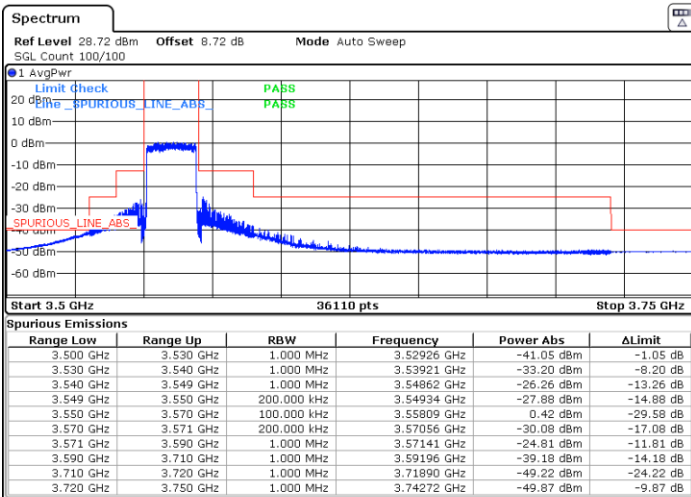
Date: 16.MAR.2021 08:01:40



Date: 16.MAR.2021 08:06:42

Lowest Channel / Full RB

N/A



Date: 17.MAR.2021 20:00:42

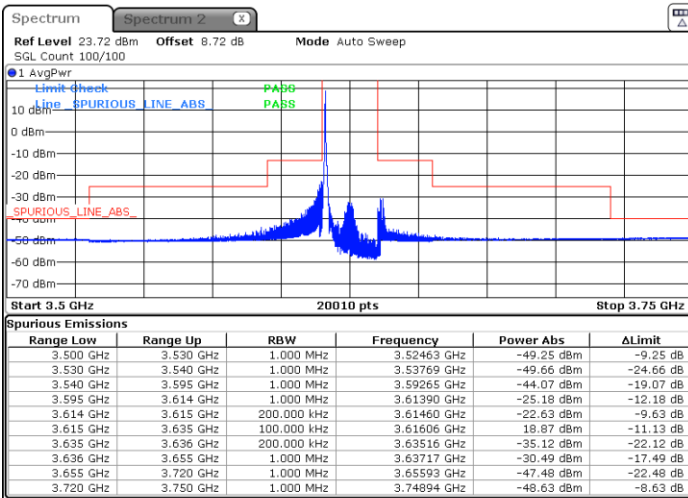


LTE Band 48 / 20MHz

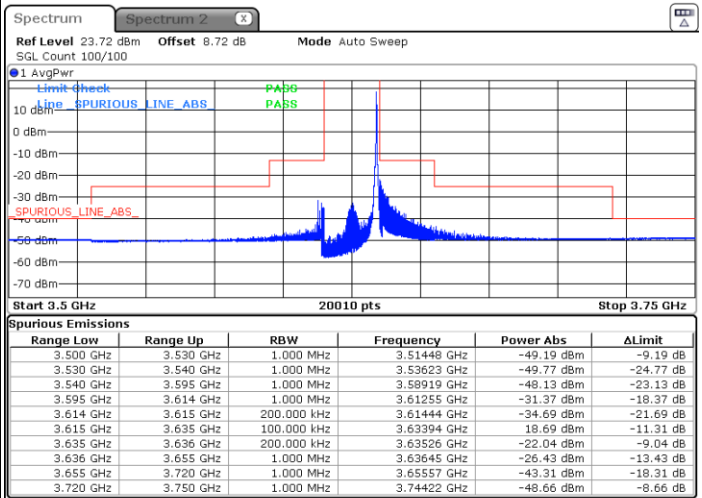
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



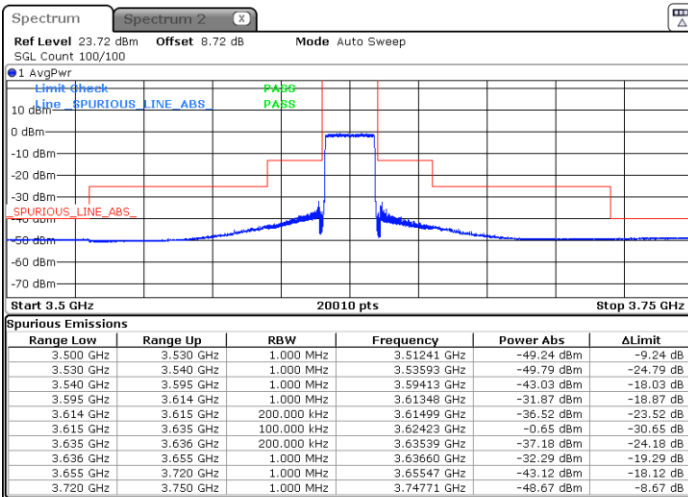
Date: 16.MAR.2021 08:54:24



Date: 16.MAR.2021 09:02:57

Middle Channel / Full RB

N/A



Date: 16.MAR.2021 08:41:51

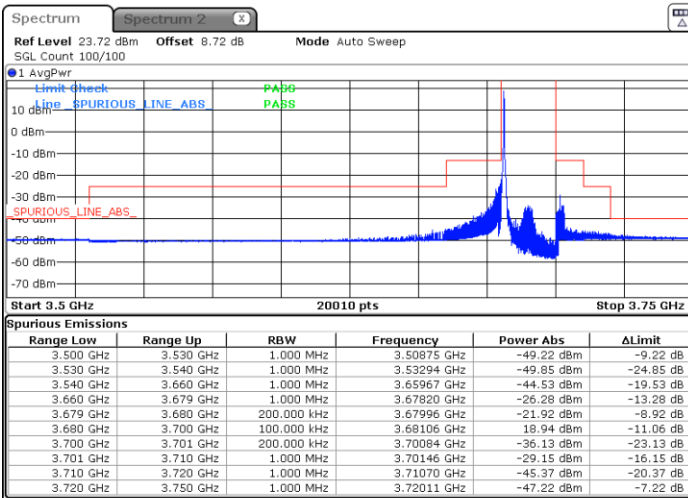


LTE Band 48 / 20MHz

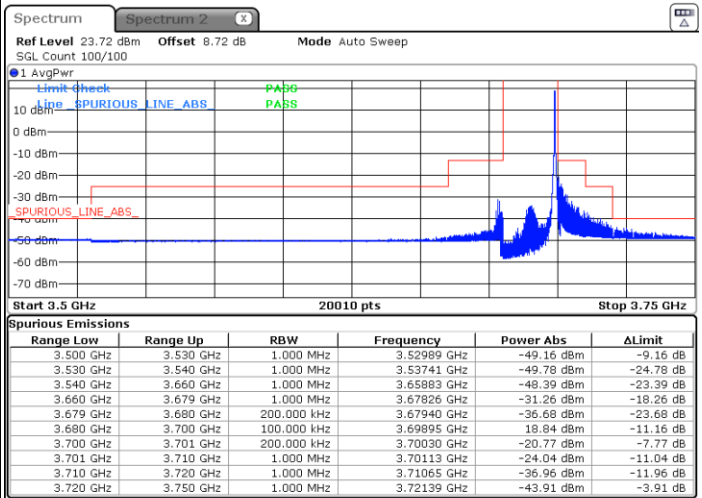
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



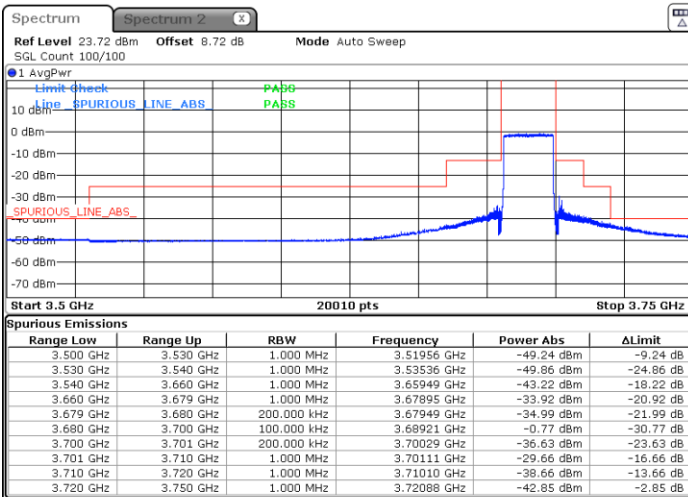
Date: 16.MAR.2021 09:15:22



Date: 16.MAR.2021 09:11:00

Highest Channel / Full RB

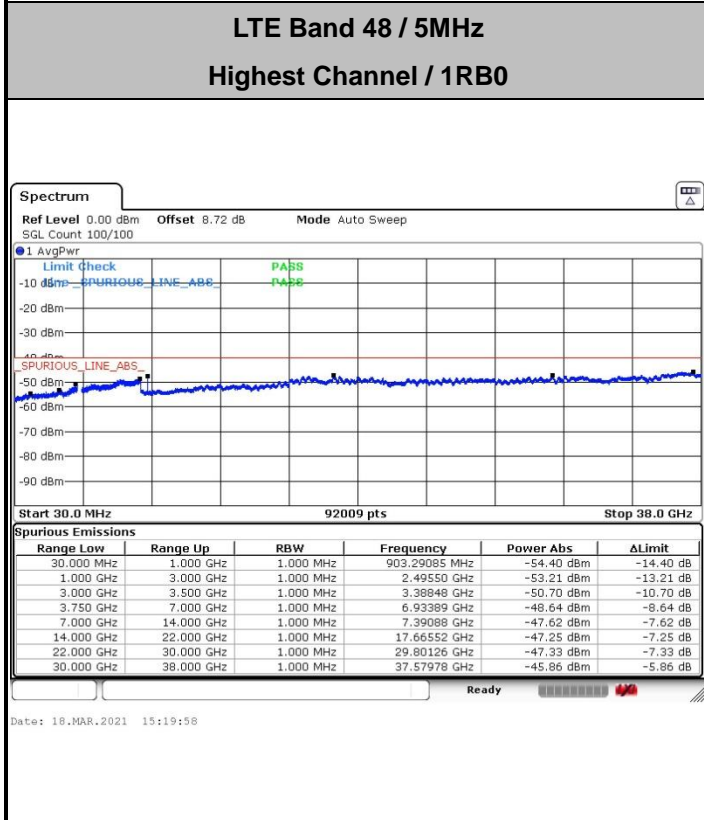
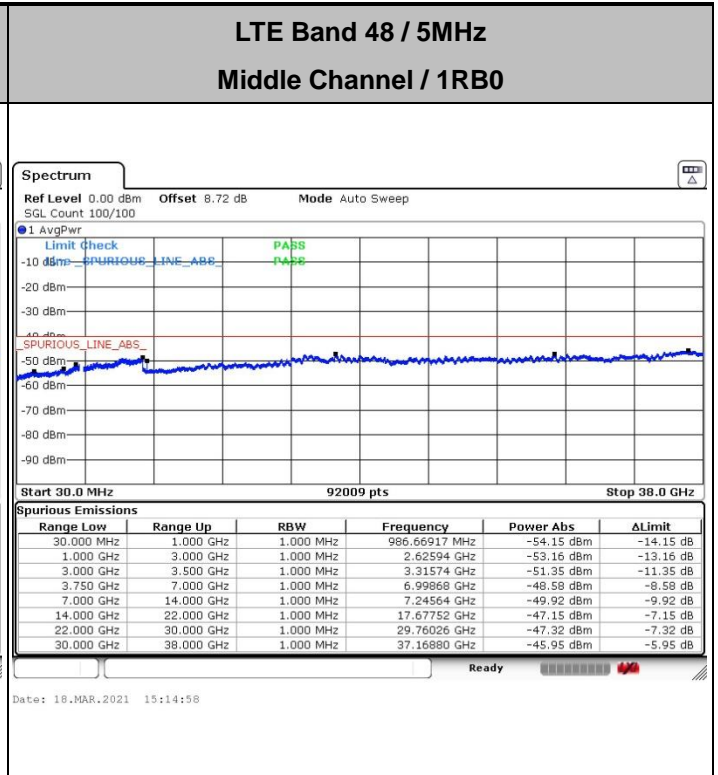
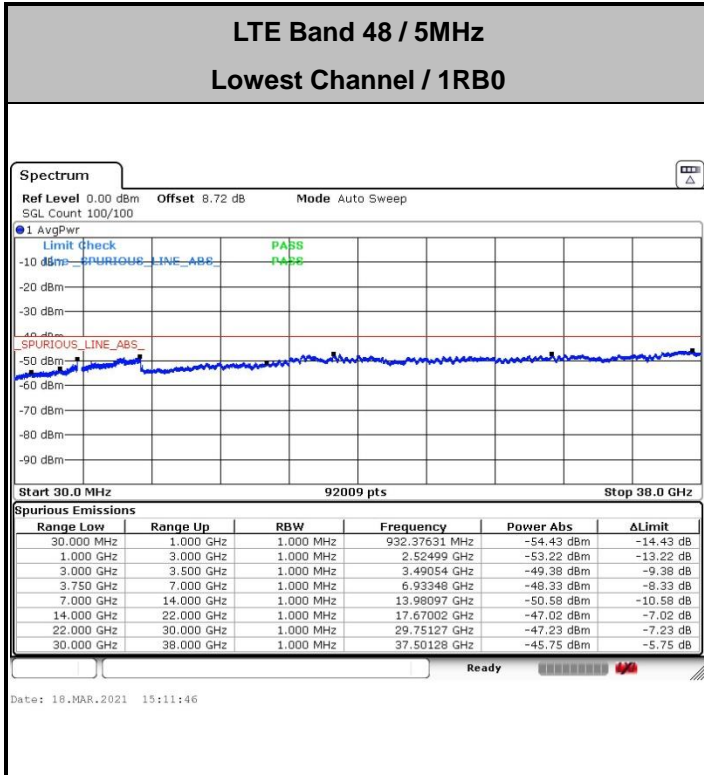
N/A

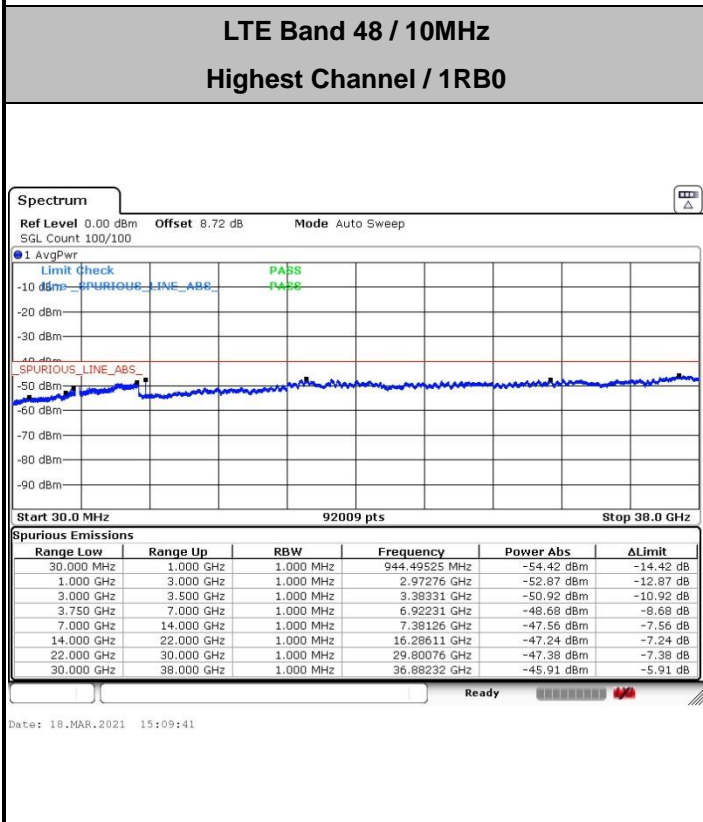
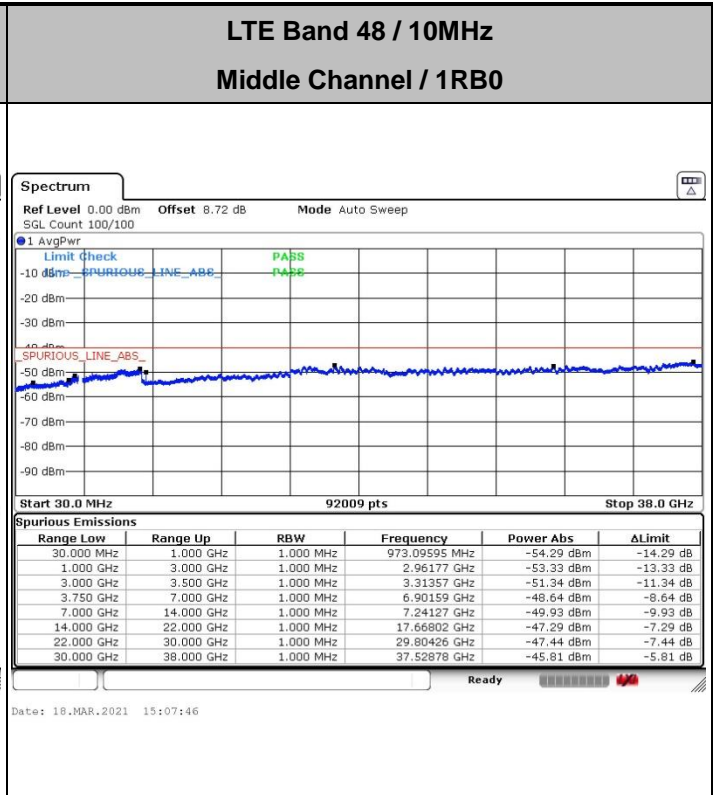
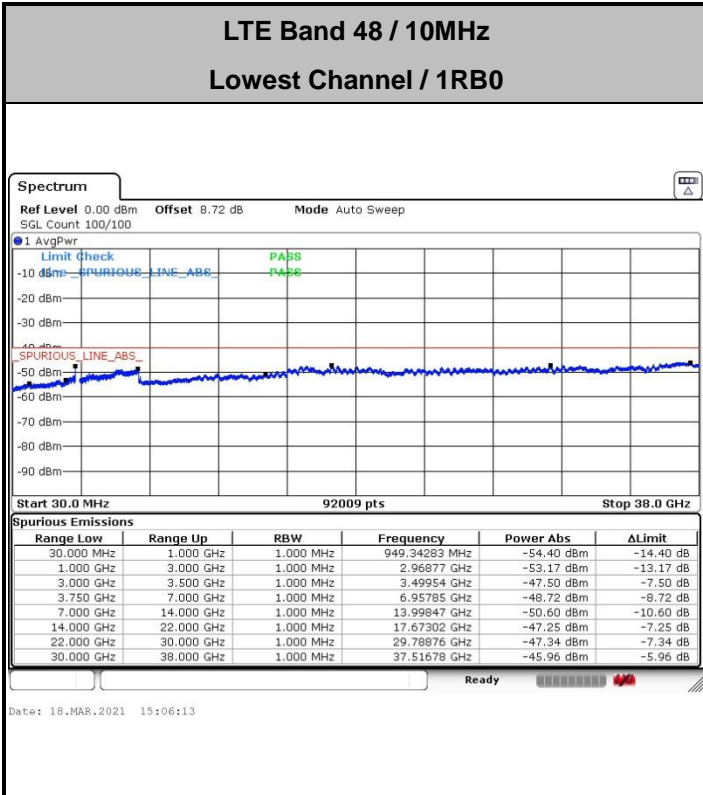


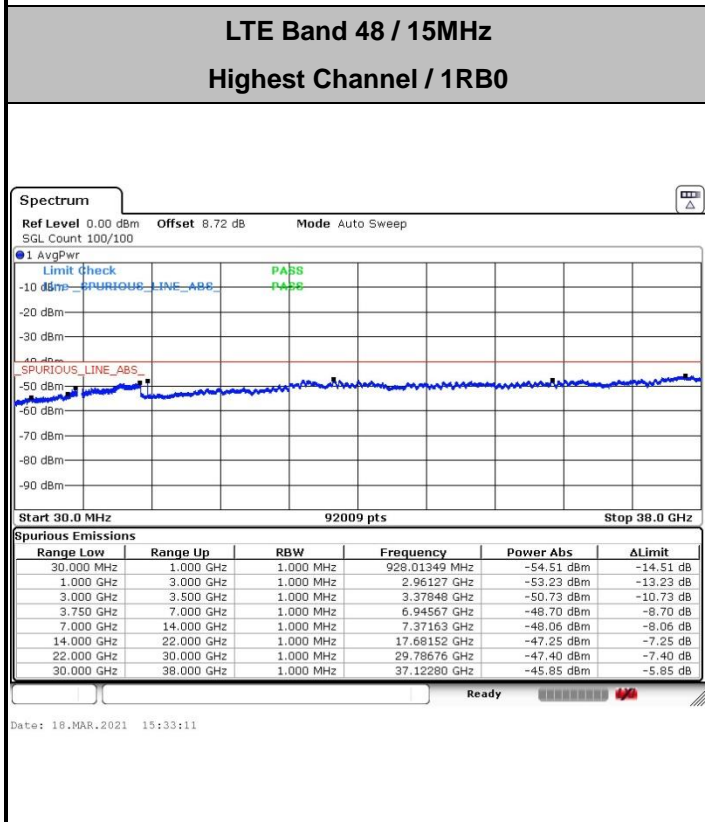
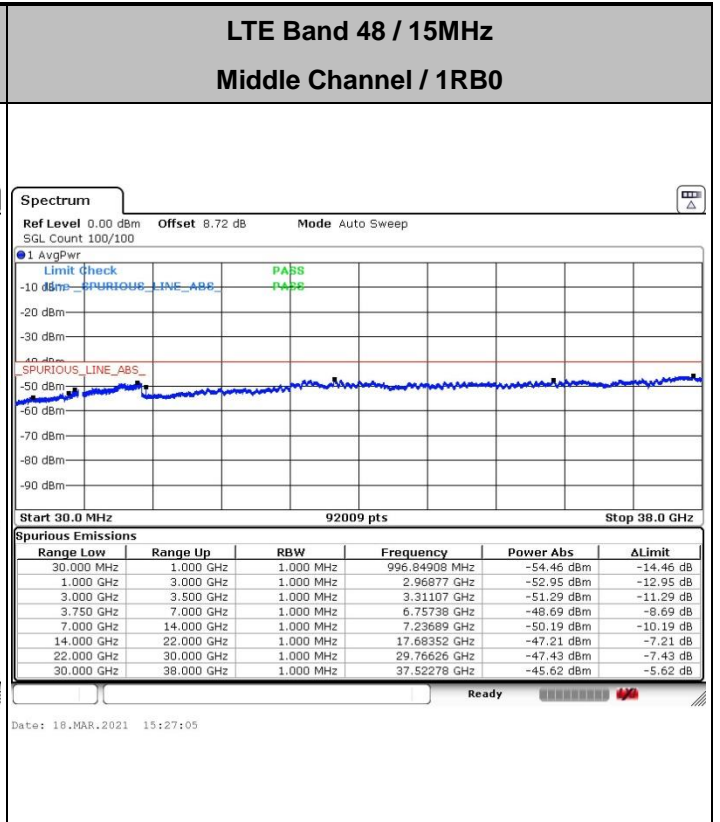
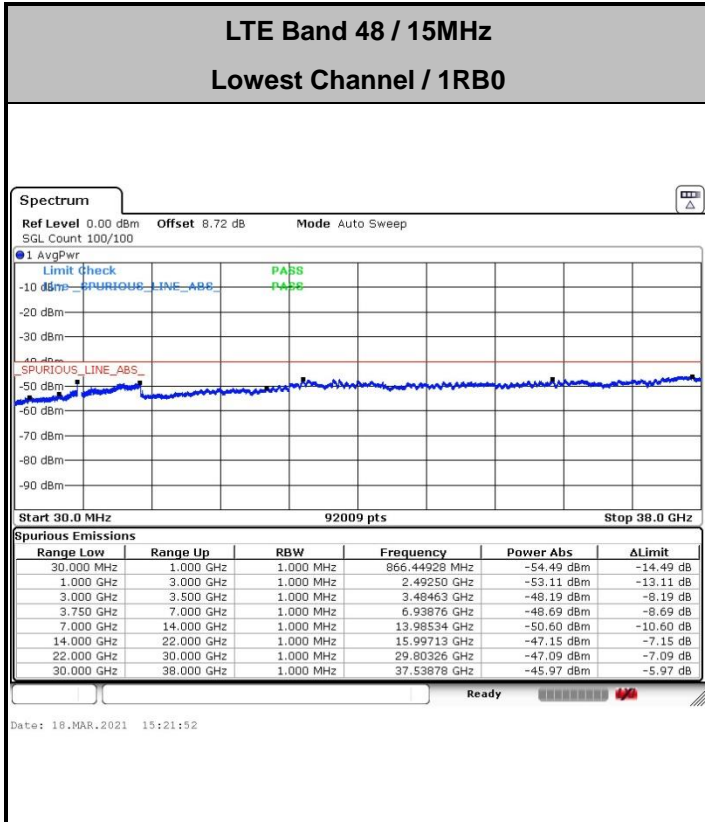
Date: 16.MAR.2021 09:19:52

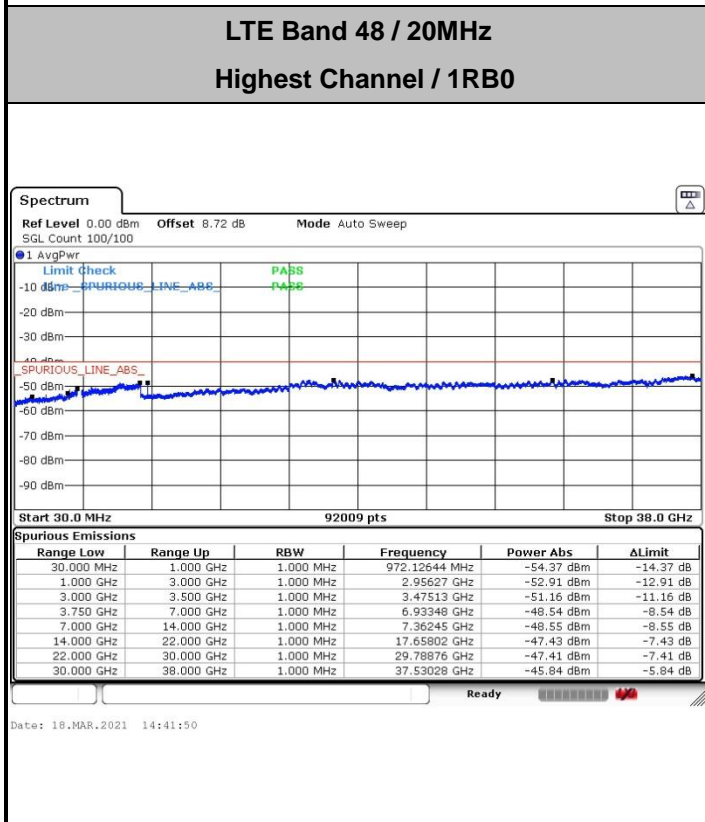
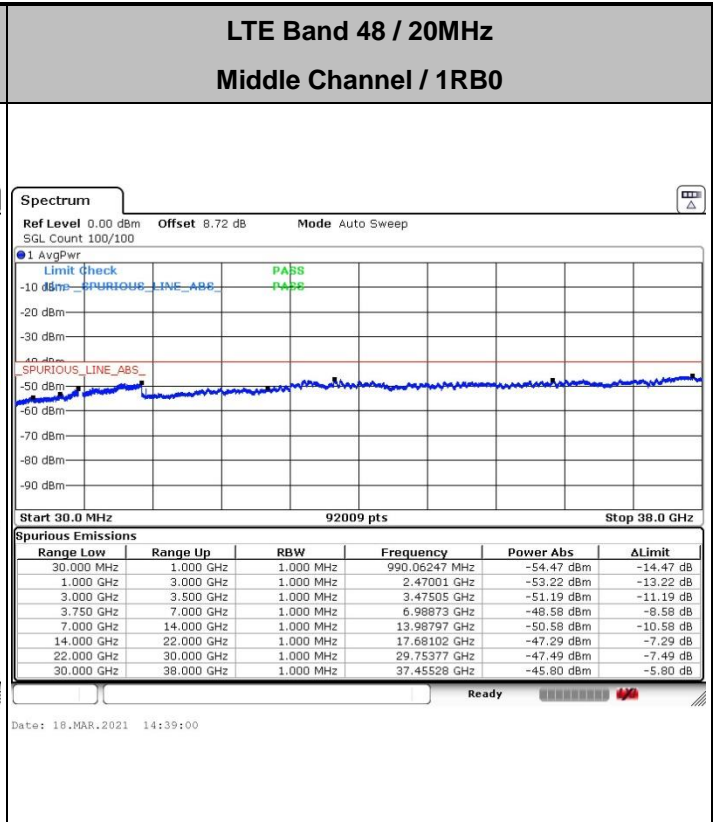
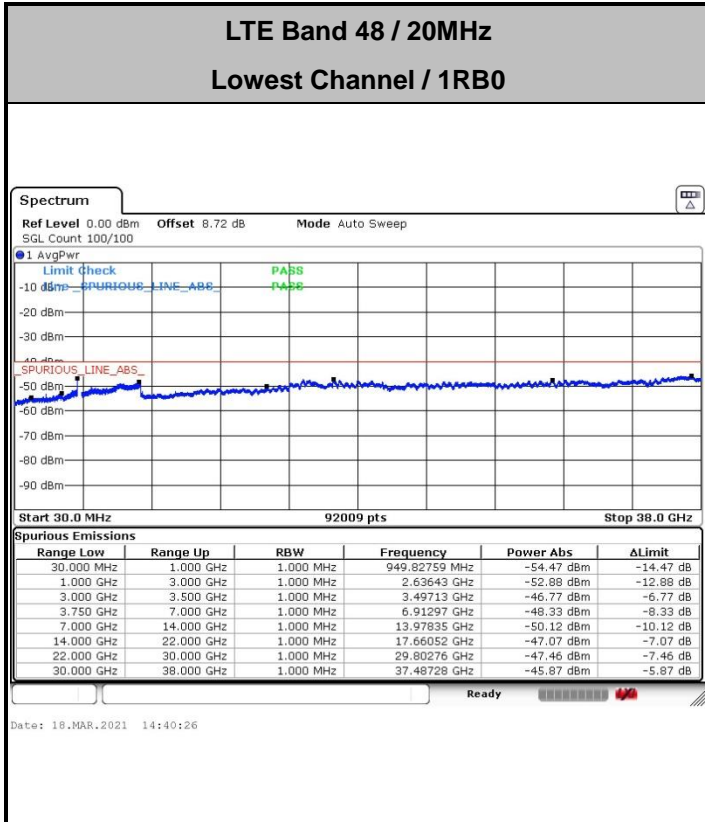


Conducted Spurious Emission











Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0118	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0075	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.8V. ; Battery End Point (BEP) =3.4 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	-61.76	-40	-21.76	-73.22	2.84	14.30	H
	10848	-48.79	-40	-8.79	-58.73	3.49	13.43	H
	14466	-59.32	-40	-19.32	-69.56	3.85	14.09	H
	7230	-62.88	-40	-22.88	-74.34	2.84	14.30	V
	10848	-46.91	-40	-6.91	-56.85	3.49	13.43	V
	14466	-59.44	-40	-19.44	-69.68	3.85	14.09	V

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