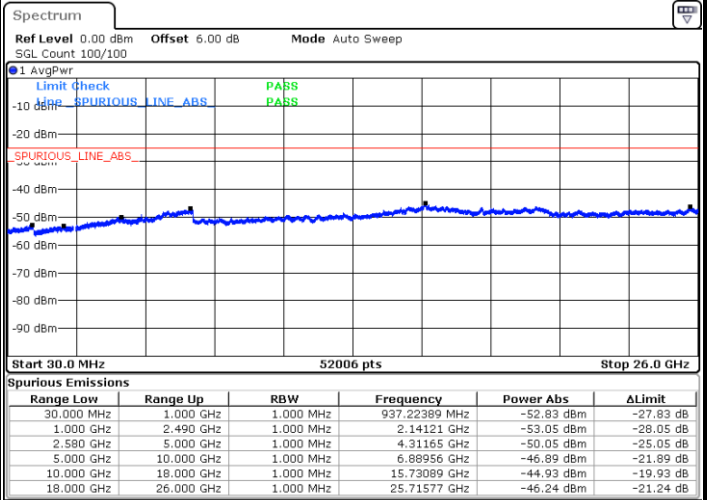
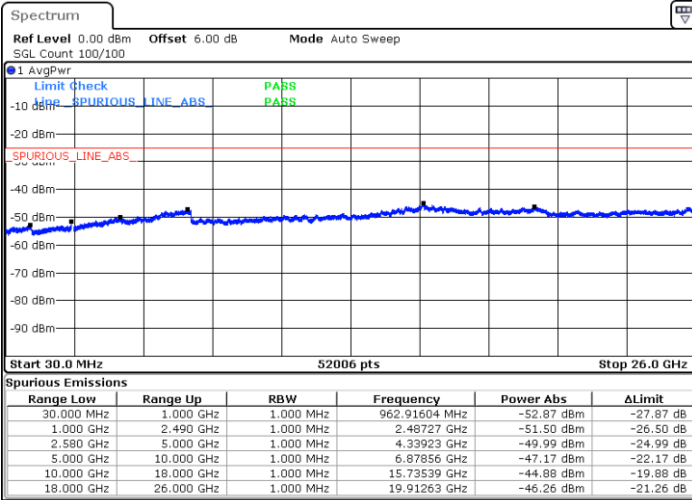




LTE Band 7 / 15MHz

Lowest Channel / QPSK

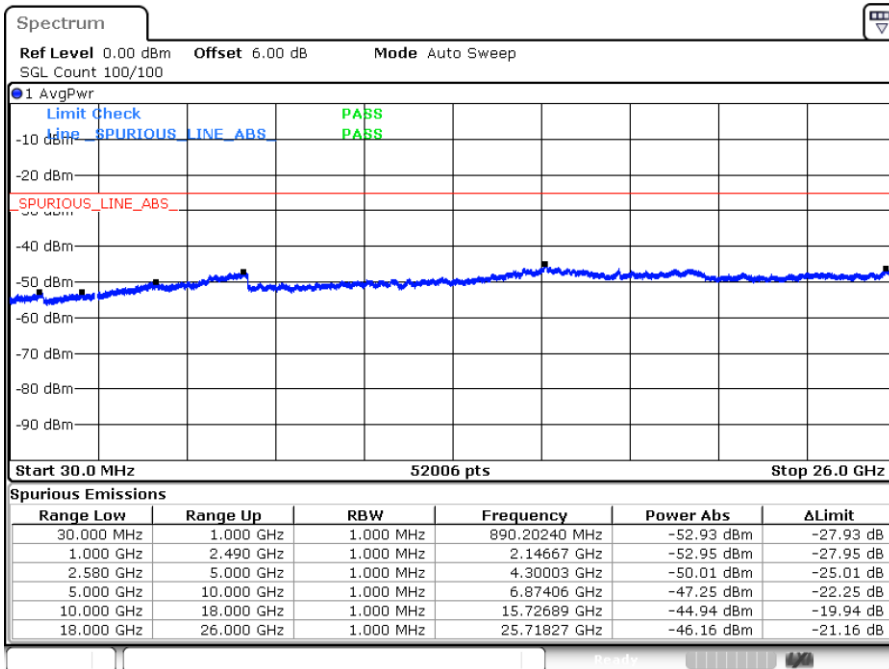
Middle Channel / QPSK



Date: 21.NOV.2021 15:40:31

Date: 21.NOV.2021 15:38:24

Highest Channel / QPSK



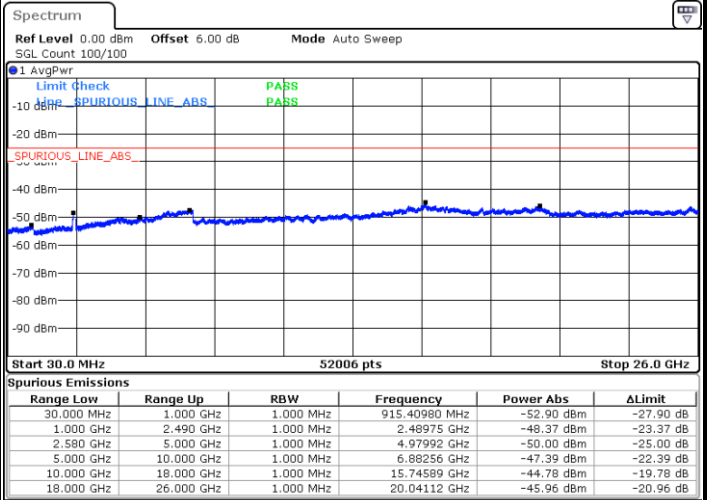
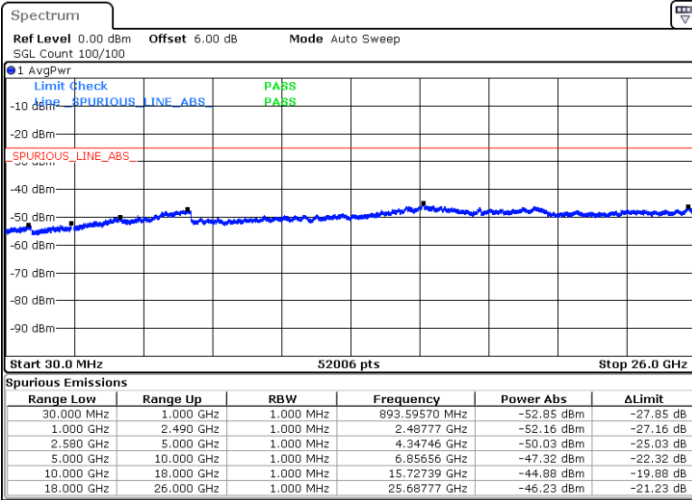
Date: 21.NOV.2021 16:02:48



LTE Band 7 / 20MHz

Lowest Channel / QPSK

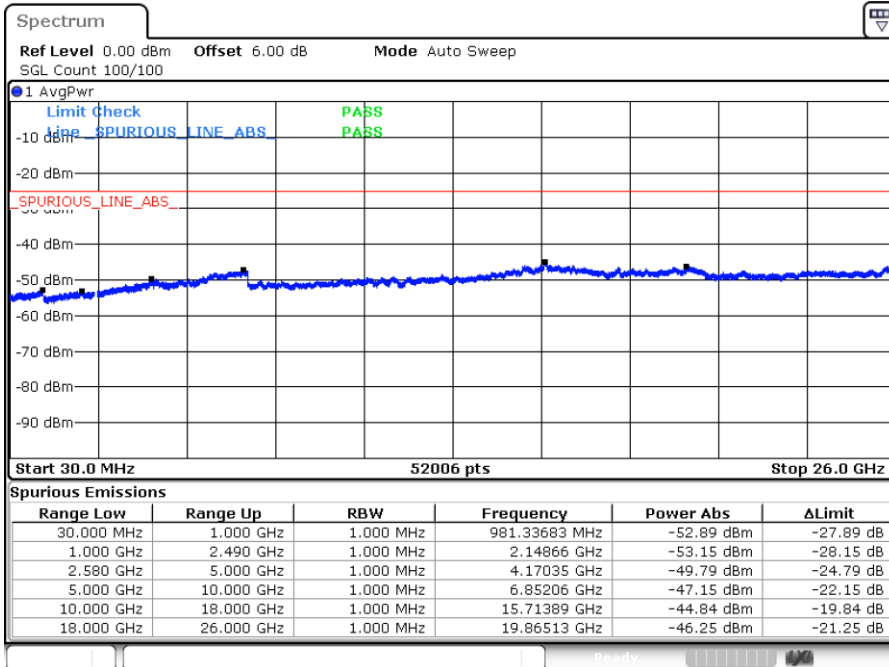
Middle Channel / QPSK



Date: 21.NOV.2021 15:19:44

Date: 21.NOV.2021 15:08:09

Highest Channel / QPSK



Date: 21.NOV.2021 15:27:55



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 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 :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna, we choose the worst antenna mode to test.

LTE Band 7 / 20MHz / QPSK Ant 4								
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	5052	-62.86	-25	-37.86	-73.07	3.03	13.24	H
	7576	-55.57	-25	-30.57	-65.02	3.56	13.01	H
	10100	-61.63	-25	-36.63	-71.15	3.92	13.44	H
	5052	-62.88	-25	-37.88	-73.09	3.03	13.24	V
	7576	-52.91	-25	-27.91	-62.36	3.56	13.01	V
	10100	-60.84	-25	-35.84	-70.36	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK Ant 4								
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	5168	-63.19	-25	-38.19	-73.40	3.03	13.24	H
	7752	-56.77	-25	-31.77	-66.22	3.56	13.01	H
	10340	-58.26	-25	-33.26	-67.78	3.92	13.44	H
	5168	-63.28	-25	-38.28	-73.49	3.03	13.24	V
	7752	-54.26	-25	-29.26	-63.71	3.56	13.01	V
	10340	-58.99	-25	-33.99	-68.51	3.92	13.44	V

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



LTE Band 7C_CA / 20MHz+20MHz / QPSK Ant 4								
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	5032	-62.32	-25	-37.32	-72.53	3.03	13.24	H
	7548	-58.80	-25	-33.80	-68.25	3.56	13.01	H
	10060	-61.16	-25	-36.16	-70.68	3.92	13.44	H
	5032	-62.14	-25	-37.14	-72.35	3.03	13.24	V
	7548	-59.93	-25	-34.93	-69.38	3.56	13.01	V
	10060	-61.43	-25	-36.43	-70.95	3.92	13.44	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK Ant 4								
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	5152	-61.84	-25	-36.84	-72.05	3.03	13.24	H
	7728	-59.17	-25	-34.17	-68.62	3.56	13.01	H
	10300	-59.47	-25	-34.47	-68.99	3.92	13.44	H
	5152	-62.76	-25	-37.76	-72.97	3.03	13.24	V
	7728	-57.81	-25	-32.81	-67.26	3.56	13.01	V
	10300	-58.61	-25	-33.61	-68.13	3.92	13.44	V

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