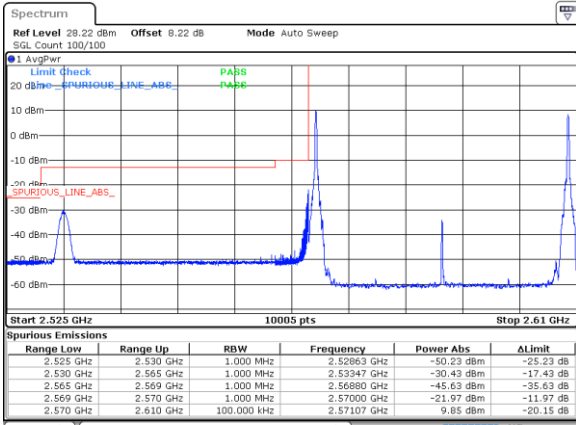




LTE Band 38C / 20MHz+20MHz

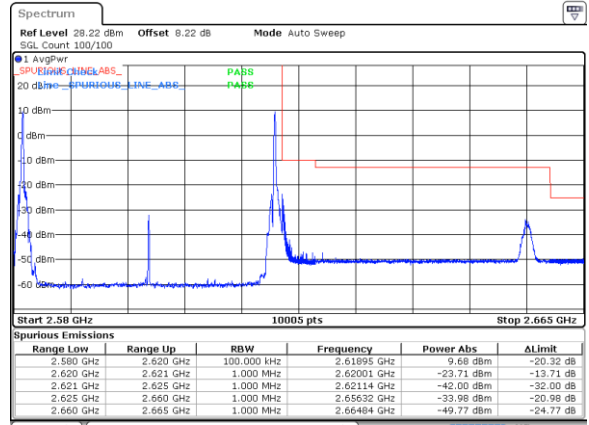
256QAM

Lowest Band Edge / 1RB0 and 1RB9



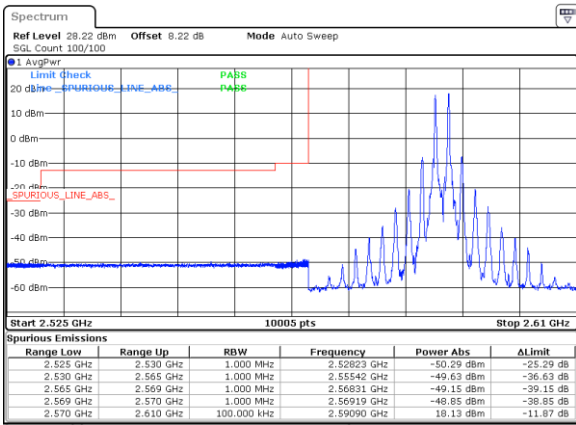
Date: 23 SEP 2022 06:34:22

Highest Band Edge / 1RB0 and 1RB9



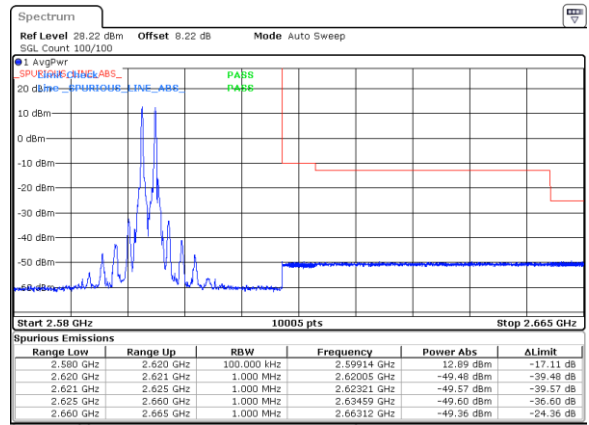
Date: 23 SEP 2022 06:56:27

Lowest Band Edge / 1RB99 and 1RB0



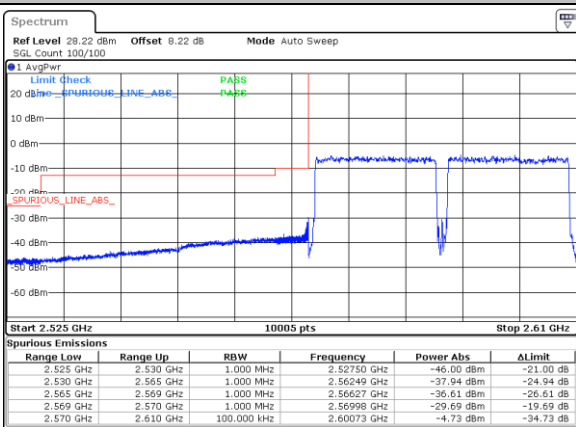
Date: 23 SEP 2022 06:40:12

Highest Band Edge / 1RB99 and 1RB0



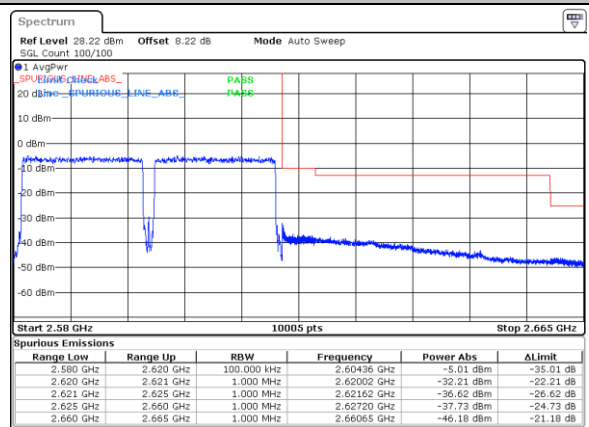
Date: 23 SEP 2022 06:54:59

Lowest Band Edge / Full RB



Date: 23 SEP 2022 06:32:54

Highest Band Edge / Full RB



Date: 23 SEP 2022 07:06:40



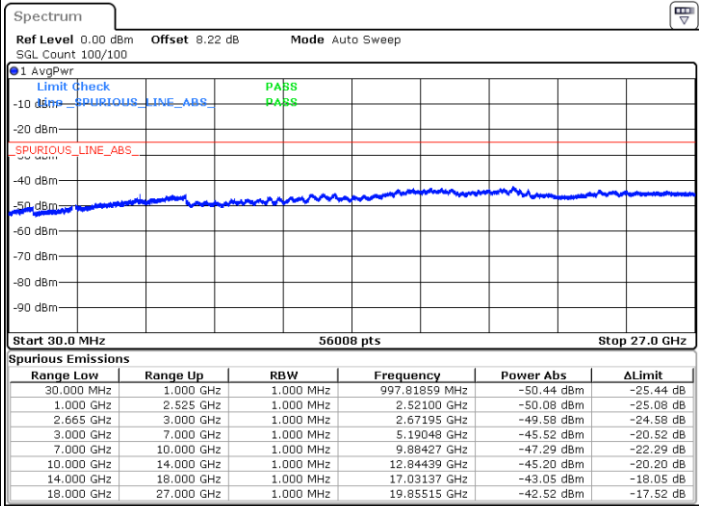
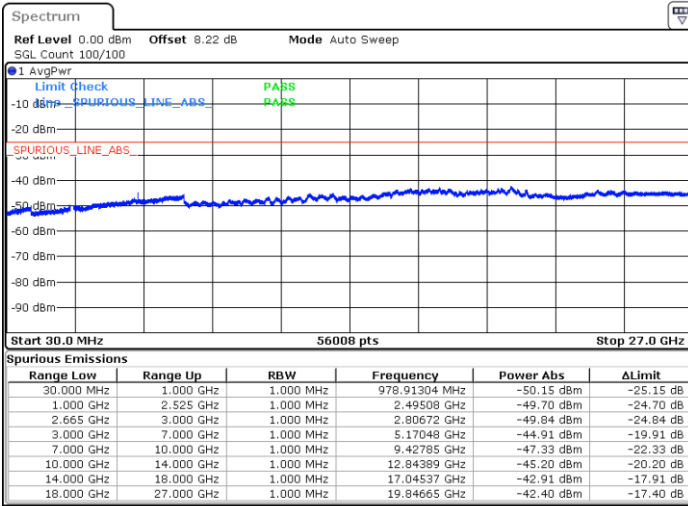
# Conducted Spurious Emission

## LTE Band 38C / 15MHz+15MHz

### QPSK

#### Lowest Channel / 1RB74 and 1RB0

#### Middle Channel / 1RB74 and 1RB0

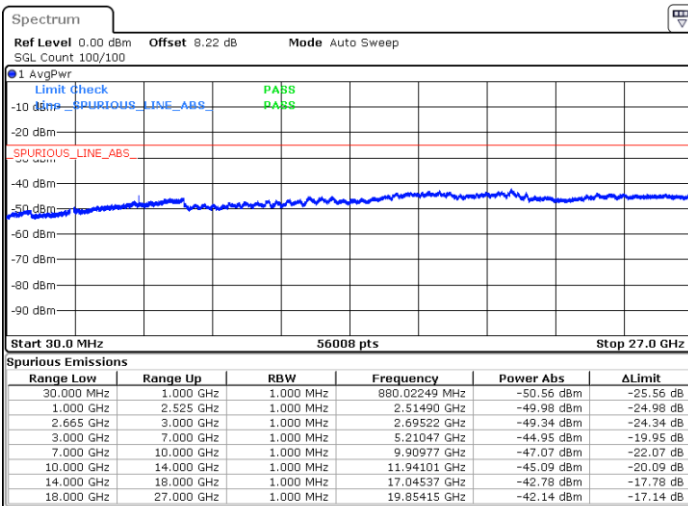


Date: 23 SEP.2022 05:48:46

Date: 23 SEP.2022 05:50:19

#### Highest Channel / 1RB74 and 1RB0

N/A



Date: 23 SEP.2022 05:51:53

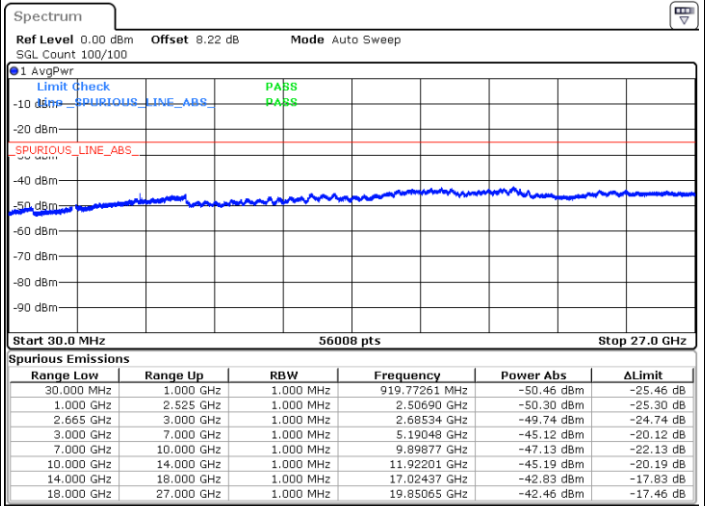
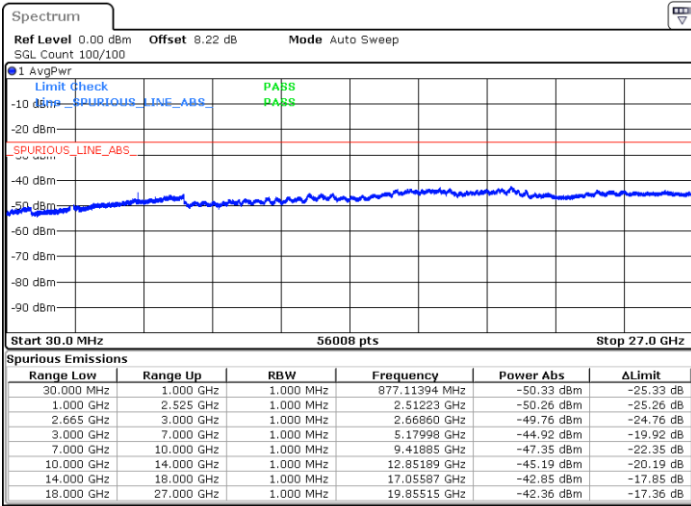


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

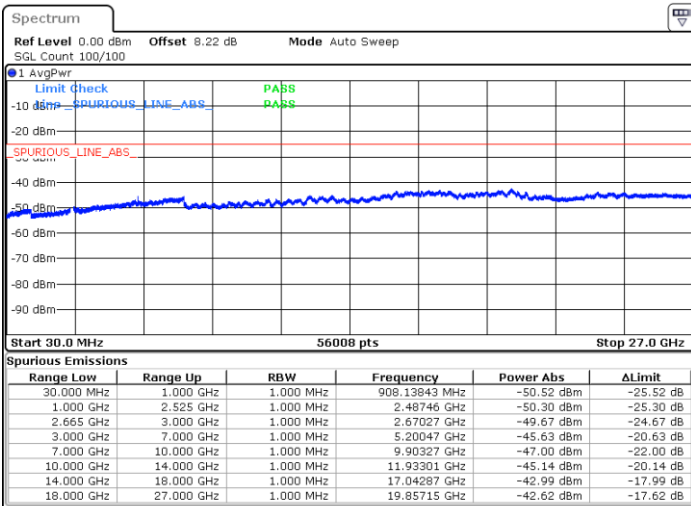


Date: 23 SEP. 2022 06:46:02

Date: 23 SEP. 2022 06:47:36

Highest Channel / 1RB99 and 1RB0

N/A



Date: 23 SEP. 2022 06:49:09



Frequency Stability

Test Conditions		LTE Band 38C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; 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 :	Zhicheng Li	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 7 / 20MHz / QPSK for Ant.3									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-61.25	-25	-36.25	-80.86	-66.81	7.14	12.70	H
	7578.27	-56.06	-25	-31.06	-79.66	-59.36	8.30	11.60	H
	10104.36	-53.68	-25	-28.68	-80.62	-55.20	10.48	12.00	H
	5052.18	-61.48	-25	-36.48	-80.98	-67.04	7.14	12.70	V
	7578.27	-55.67	-25	-30.67	-79.75	-58.97	8.30	11.60	V
	10104.36	-54.92	-25	-29.92	-80.52	-56.44	10.48	12.00	V

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

LTE Band 41 / 20MHz / QPSK for Ant.3									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.18	-60.67	-25	-35.67	-80.32	-66.23	7.14	12.70	H
	7752.27	-56.25	-25	-31.25	-79.54	-59.55	8.30	11.60	H
	10336.36	-53.88	-25	-28.88	-80.79	-55.40	10.48	12.00	H
	5168.18	-61.14	-25	-36.14	-80.47	-66.70	7.14	12.70	V
	7752.27	-55.80	-25	-30.80	-79.73	-59.10	8.30	11.60	V
	10336.36	-54.78	-25	-29.78	-80.69	-56.30	10.48	12.00	V

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



LTE Band 7C_CA / 20MHz+20MHz / QPSK for Ant.3									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5032.20	-61.14	-25	-36.14	-80.73	-66.70	7.14	12.70	H
	7548.30	-56.11	-25	-31.11	-79.75	-59.41	8.30	11.60	H
	10064.40	-53.30	-25	-28.30	-80.26	-54.82	10.48	12.00	H
	5032.20	-61.32	-25	-36.32	-80.84	-66.88	7.14	12.70	V
	7548.30	-55.77	-25	-30.77	-79.86	-59.07	8.30	11.60	V
	10064.40	-55.07	-25	-30.07	-80.63	-56.59	10.48	12.00	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK for Ant.3									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5152.20	-61.18	-25	-36.18	-80.82	-66.74	7.14	12.70	H
	7728.30	-56.71	-25	-31.71	-80.07	-60.01	8.30	11.60	H
	10304.40	-53.81	-25	-28.81	-80.73	-55.33	10.48	12.00	H
	5152.20	-61.47	-25	-36.47	-80.82	-67.03	7.14	12.70	V
	7728.30	-56.21	-25	-31.21	-80.19	-59.51	8.30	11.60	V
	10304.40	-54.68	-25	-29.68	-80.55	-56.20	10.48	12.00	V

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