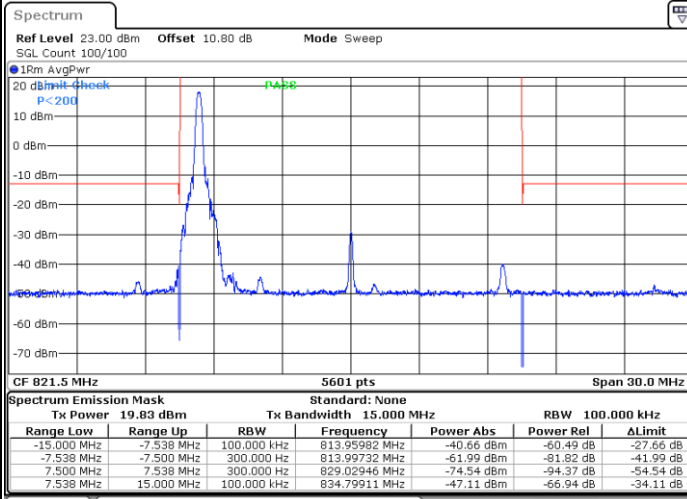




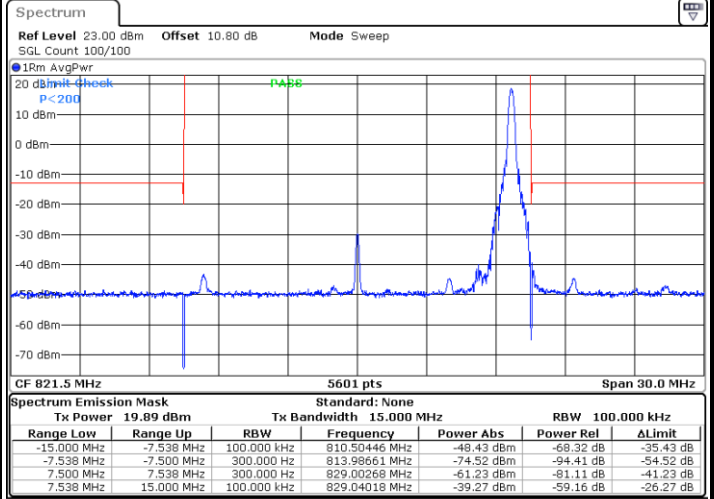
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



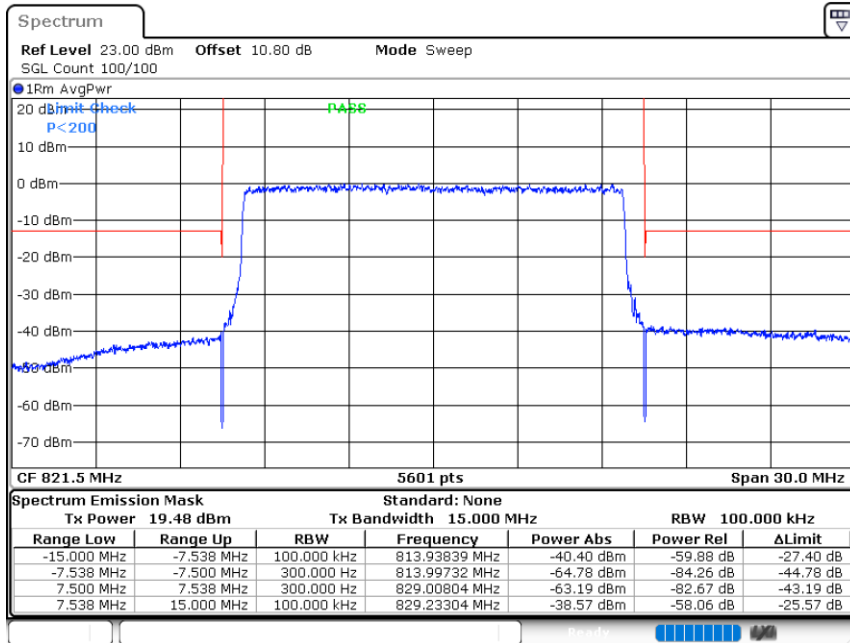
Date: 13.DEC.2020 13:40:05

Highest Band Edge / 1 RB



Date: 13.DEC.2020 13:40:37

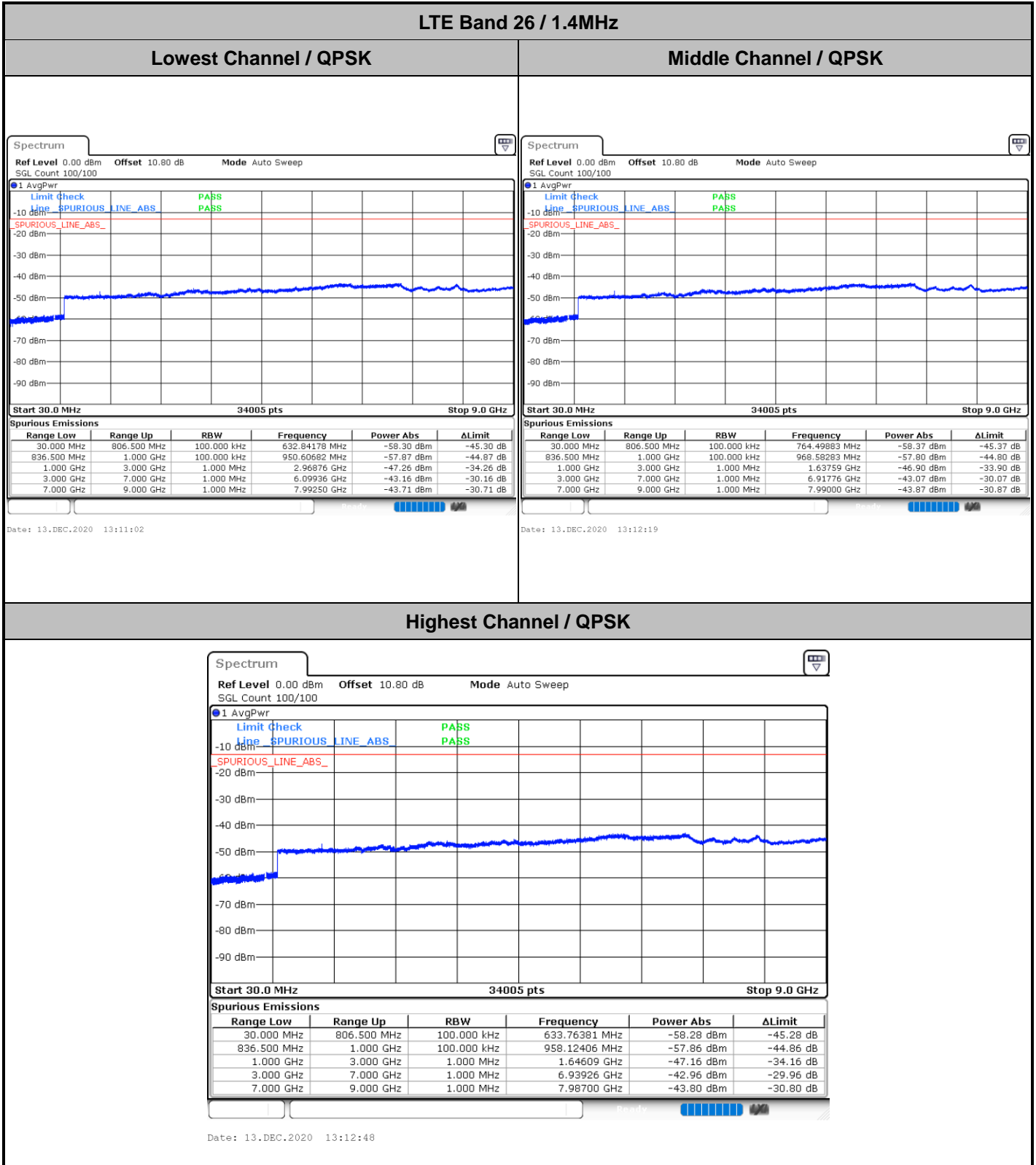
Lowest Band Edge / Full RB



Date: 13.DEC.2020 13:41:08



Emission masks – Out of band emissions

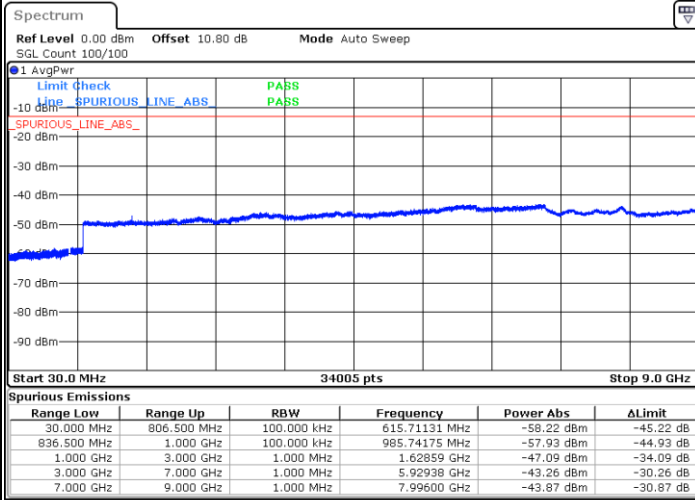




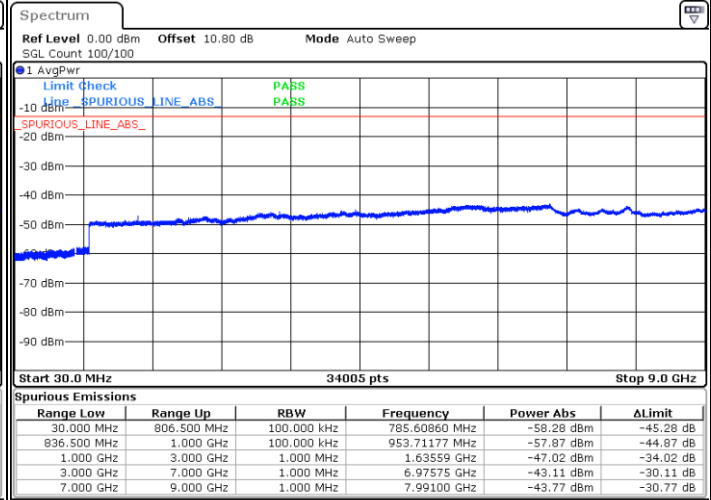
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

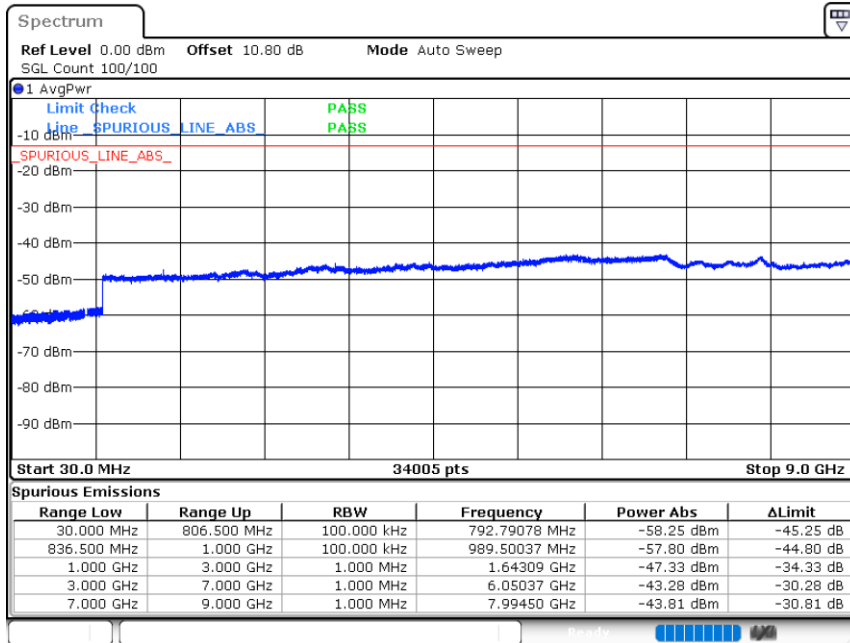


Date: 13.DEC.2020 13:42:51



Date: 13.DEC.2020 13:44:08

Highest Channel / QPSK



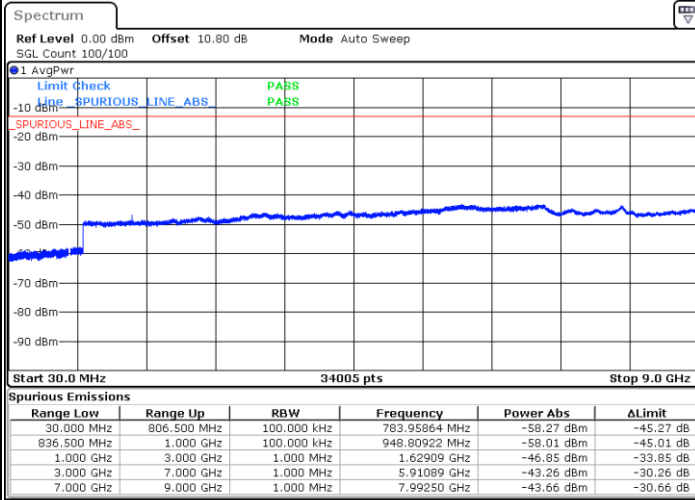
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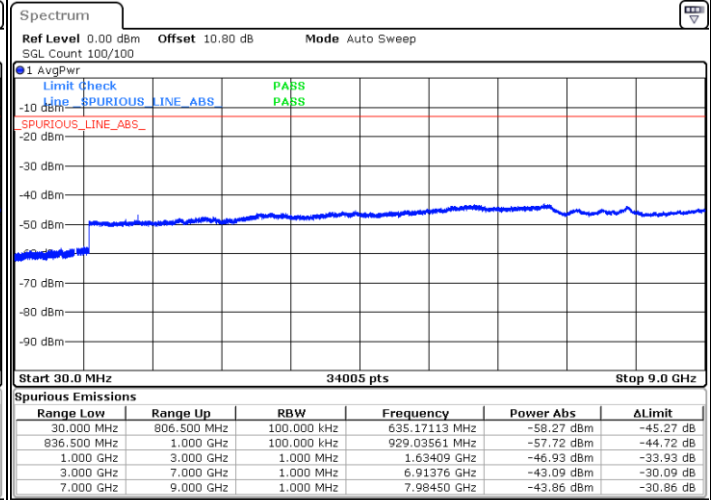
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

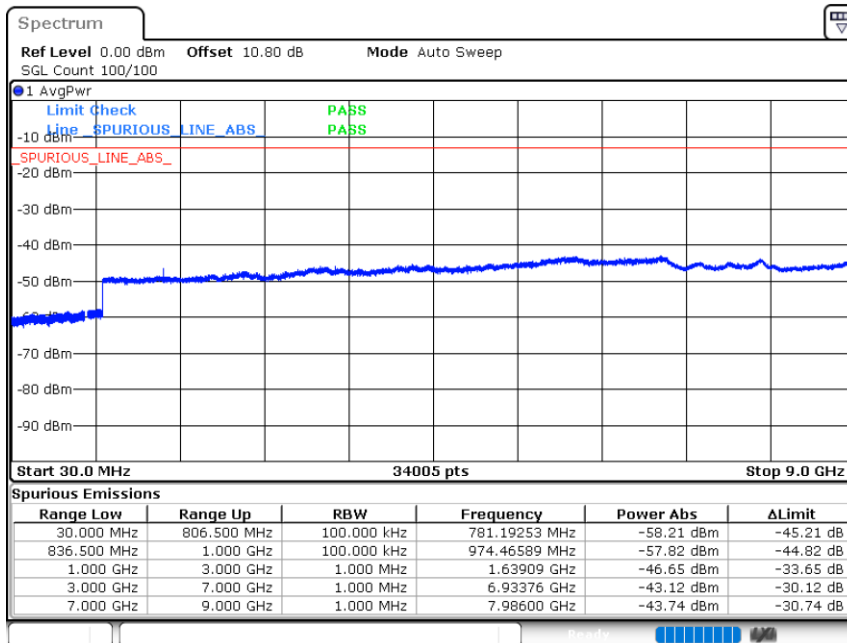


Date: 13.DEC.2020 13:45:07



Date: 13.DEC.2020 13:46:24

Highest Channel / QPSK

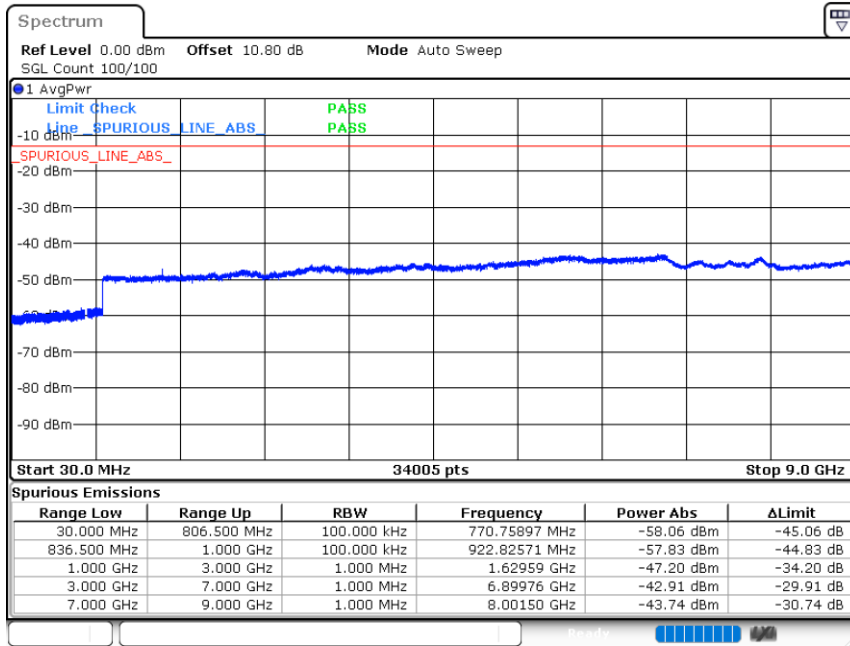


Date: 13.DEC.2020 13:46:53



LTE Band 26 / 10MHz

Middle Channel / QPSK



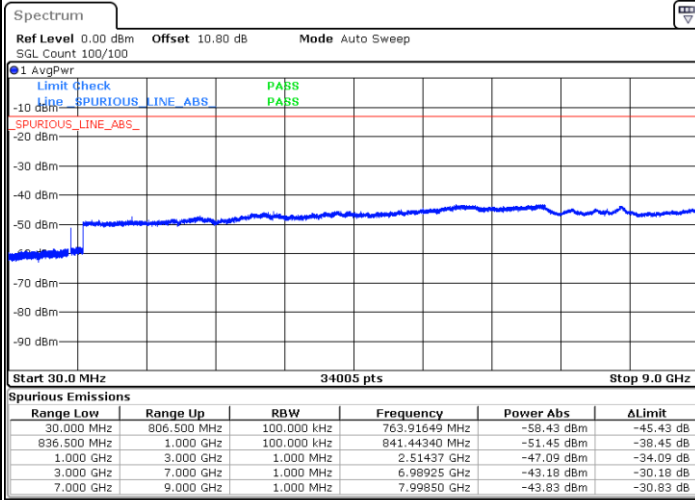
Date: 13.DEC.2020 13:48:10



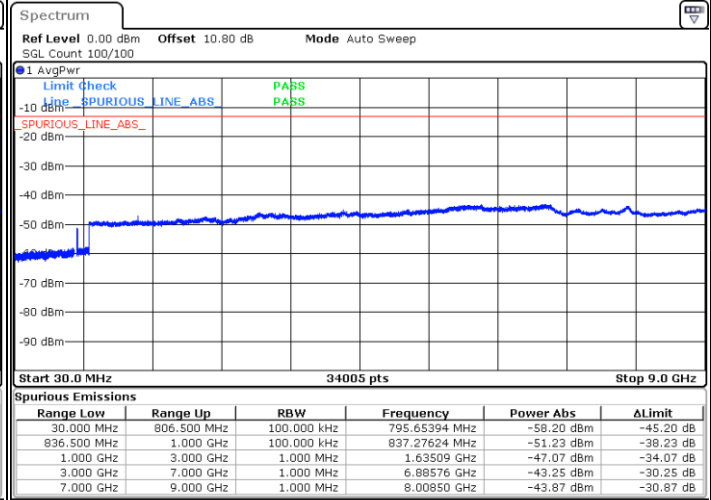
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Date: 13.DEC.2020 13:48:40



Date: 13.DEC.2020 14:15:18



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0061	PASS
40	Normal Voltage	0.0070	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0061	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0138	
-20	Normal Voltage	0.0126	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0076	
20	Normal Voltage	0.0061	
20	Battery End Point	0.0137	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0080	PASS
40	Normal Voltage	0.0117	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0146	
-10	Normal Voltage	0.0114	
-20	Normal Voltage	0.0138	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0080	
20	Battery End Point	0.0049	

Note:

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Main Antenna>

LTE Band 26

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-45.82	-13	-32.82	-54.23	-51.36	0.91	8.60	H
	2440	-57.88	-13	-44.88	-71.34	-65.21	1.14	10.62	H
	3256	-57.35	-13	-44.35	-72.8	-65.80	1.32	11.91	H
									H
									H
	1632	-48.43	-13	-35.43	-56.37	-53.97	0.91	8.60	V
	2440	-58.11	-13	-45.11	-71.64	-65.44	1.14	10.62	V
	3256	-56.58	-13	-43.58	-72.52	-65.03	1.32	11.91	V
									V
									V
Middle	1632	-43.89	-13	-30.89	-52.3	-49.43	0.91	8.60	H
	2448	-58.60	-13	-45.60	-72.08	-65.94	1.14	10.63	H
	3264	-57.50	-13	-44.50	-72.93	-65.97	1.32	11.93	H
									H
									H
	1632	-49.33	-13	-36.33	-57.27	-54.87	0.91	8.60	V
	2448	-57.83	-13	-44.83	-71.4	-65.17	1.14	10.63	V
	3264	-56.78	-13	-43.78	-72.69	-65.25	1.32	11.93	V
									V
									V



Highest	1640	-44.85	-13	-31.85	-53.29	-50.41	0.92	8.63	H
	2456	-58.27	-13	-45.27	-71.76	-65.62	1.14	10.64	H
	3280	-57.48	-13	-44.48	-72.87	-65.98	1.32	11.97	H
									H
									H
									H
									H
	1640	-49.15	-13	-36.15	-57.08	-54.71	0.92	8.63	V
	2456	-58.41	-13	-45.41	-72	-65.76	1.14	10.64	V
	3280	-55.92	-13	-42.92	-71.79	-64.42	1.32	11.97	V
									V
									V
									V
									V

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



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-45.85	-13	-32.85	-33.85	-51.39	0.91	8.60	H
	2440	-58.91	-13	-45.91	-46.91	-66.24	1.14	10.62	H
	3256	-57.50	-13	-44.50	-45.5	-65.95	1.32	11.91	H
									H
									H
									H
									H
	1632	-49.38	-13	-36.38	-37.38	-54.92	0.91	8.60	V
	2440	-59.13	-13	-46.13	-47.13	-66.46	1.14	10.62	V
	3256	-56.21	-13	-43.21	-44.21	-64.66	1.32	11.91	V
									V
									V
									V
									V

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