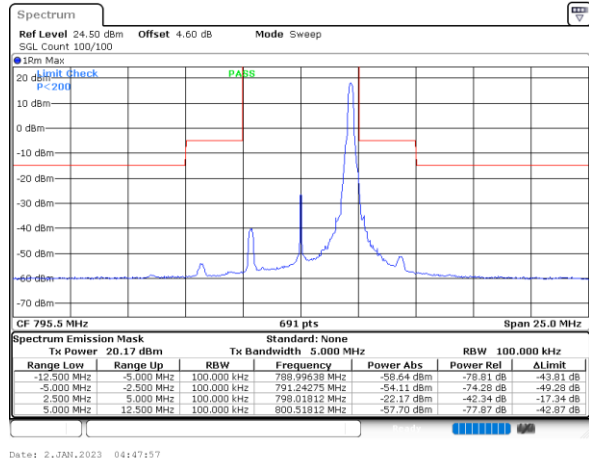
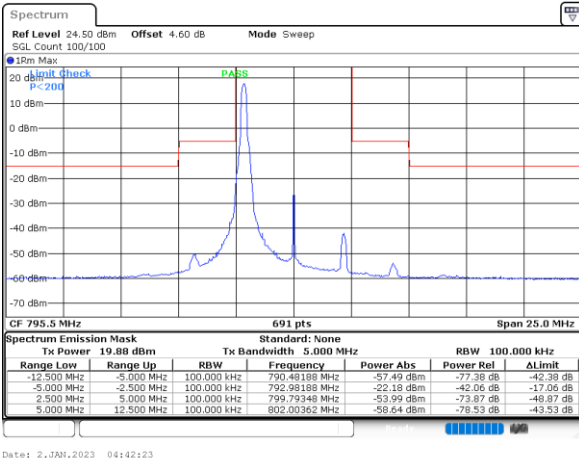
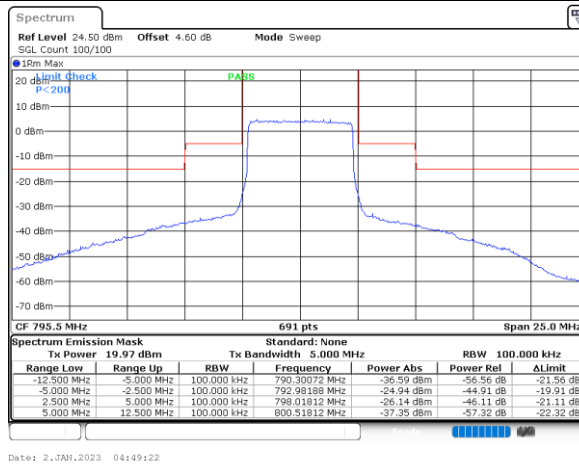


**LTE Band 14 / 5MHz / 256QAM**

**Highest Channel / 1RB**

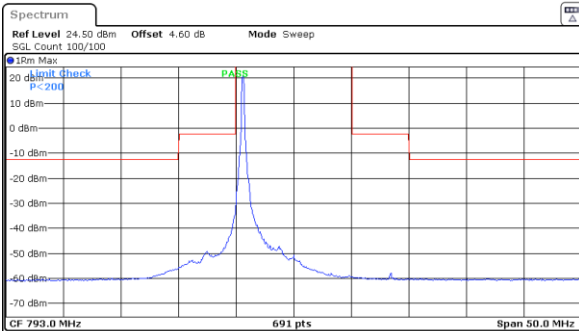


**Highest Channel / Full RB**



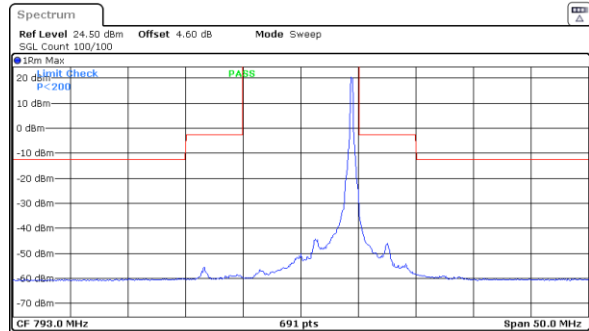
**LTE Band 14 / 10MHz / QPSK**

**Middle Channel / 1RB**



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-25.000 MHz	-10.000 MHz	100.000 kHz	782.95377 MHz	-56.17 dBm	-78.76 dB	-43.75 dB
-10.000 MHz	-5.000 MHz	100.000 kHz	787.96377 MHz	-31.02 dBm	-53.61 dB	-26.61 dB
5.000 MHz	10.000 MHz	100.000 kHz	801.44203 MHz	-58.13 dBm	-80.72 dB	-55.72 dB
10.000 MHz	25.000 MHz	100.000 kHz	804.05072 MHz	-60.17 dBm	-82.78 dB	-47.79 dB

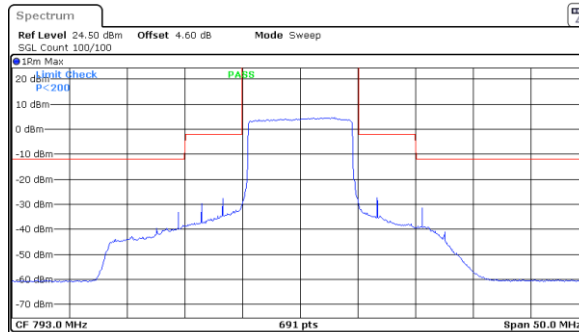
Date: 2, JAN, 2023 14:18:28



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-25.000 MHz	-10.000 MHz	100.000 kHz	782.74638 MHz	-60.11 dBm	-82.47 dB	-47.47 dB
-10.000 MHz	-5.000 MHz	100.000 kHz	784.63043 MHz	-55.68 dBm	-78.04 dB	-53.04 dB
5.000 MHz	10.000 MHz	100.000 kHz	798.03623 MHz	-29.90 dBm	-52.27 dB	-27.27 dB
10.000 MHz	25.000 MHz	100.000 kHz	803.18116 MHz	-56.72 dBm	-81.09 dB	-46.09 dB

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**Middle Channel / Full RB**

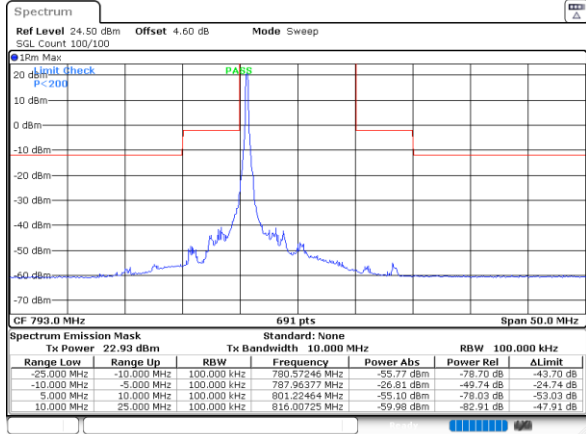


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-25.000 MHz	-10.000 MHz	100.000 kHz	782.45652 MHz	-33.26 dBm	-56.35 dB	-21.35 dB
-10.000 MHz	-5.000 MHz	100.000 kHz	786.29710 MHz	-27.73 dBm	-50.81 dB	-25.81 dB
5.000 MHz	10.000 MHz	100.000 kHz	799.63043 MHz	-27.40 dBm	-50.49 dB	-25.49 dB
10.000 MHz	25.000 MHz	100.000 kHz	803.54348 MHz	-31.46 dBm	-54.54 dB	-19.54 dB

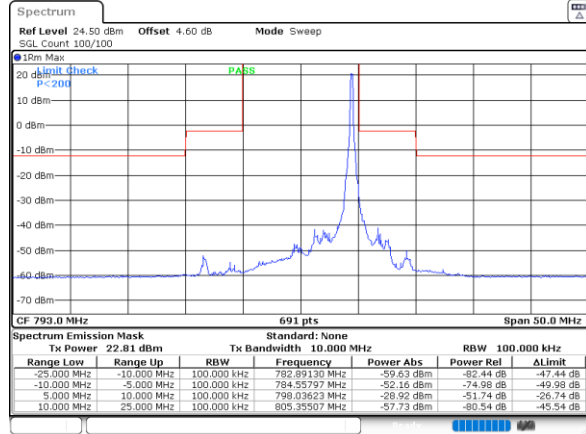
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LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

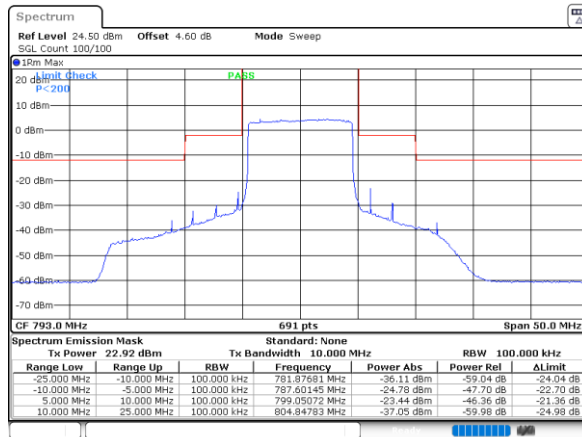


Date: 2, JAN, 2023 14:40:31



Date: 2, JAN, 2023 14:50:45

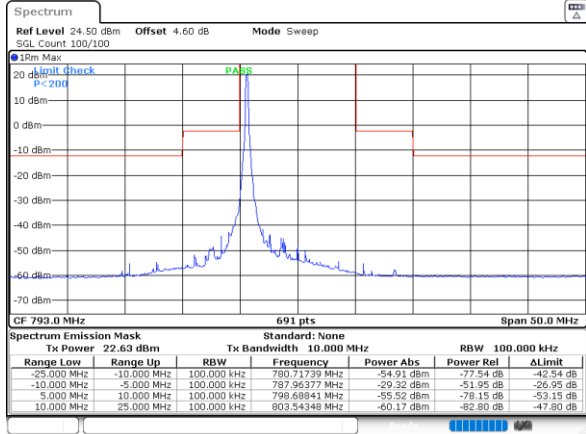
Middle Channel / Full RB



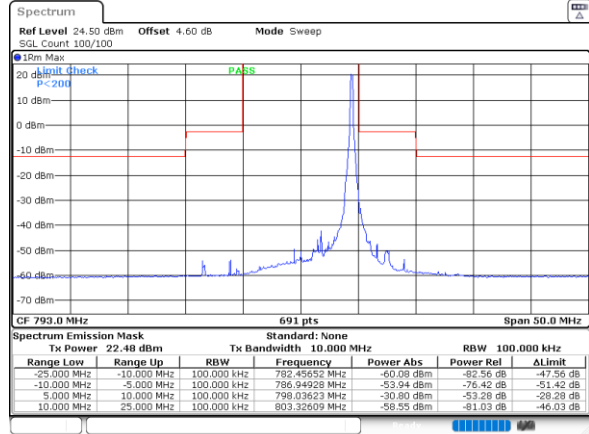
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**LTE Band 14 / 10MHz / 64QAM**

**Middle Channel / 1RB**

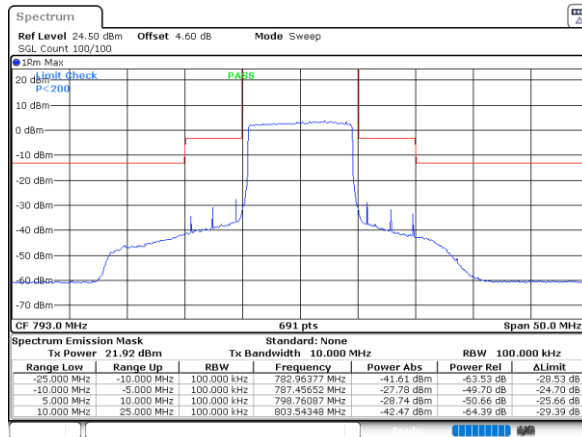


Date: 2, JAN, 2023 14:42:34



Date: 2, JAN, 2023 14:48:42

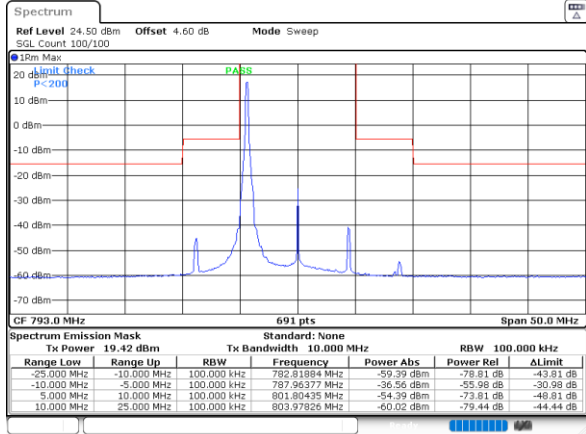
**Middle Channel / Full RB**



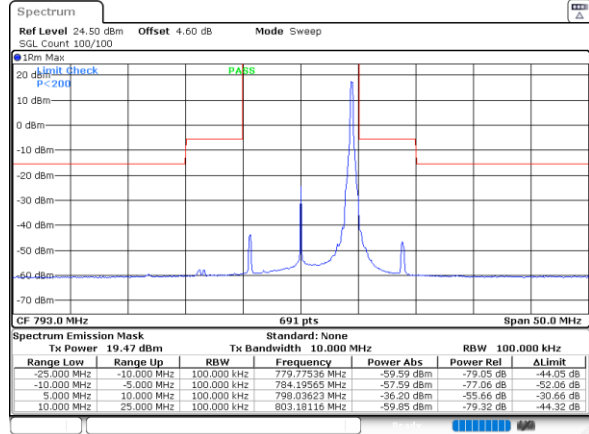
Date: 2, JAN, 2023 14:58:56

LTE Band 14 / 10MHz / 256QAM

Middle Channel / 1RB

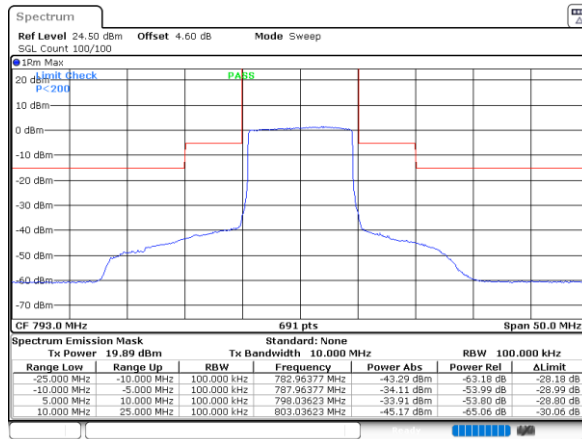


Date: 2, JAN, 2023 14:44:37



Date: 2, JAN, 2023 14:46:39

Middle Channel / Full RB



Date: 2, JAN, 2023 15:00:59

## Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0015	

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0035	

**Note:**

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Field Strength of Spurious Radiated

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 14 / 5MHz / QPSK ANT0									
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	1576.5	-66.18	-42.15	-24.03	-78.01	-69.41	3.98	9.36	H
	2364.75	-60.94	-13	-47.94	-79.54	-64.49	4.85	10.55	H
	3153	-59.61	-13	-46.61	-80.01	-64.54	5.50	12.58	H
	1576.5	-65.46	-42.15	-23.31	-77.86	-68.69	3.98	9.36	V
	2364.75	-60.29	-13	-47.29	-79.35	-63.84	4.85	10.55	V
	3153	-57.81	-13	-44.81	-80.14	-62.74	5.50	12.58	V
Middle	1581.5	-65.73	-42.15	-23.58	-77.56	-68.98	4.00	9.40	H
	2372.25	-61.35	-13	-48.35	-79.95	-64.92	4.88	10.60	H
	3163	-59.92	-13	-46.92	-80.31	-64.85	5.52	12.60	H
	1581.5	-65.40	-42.15	-23.25	-77.80	-68.65	4.00	9.40	V
	2372.25	-60.75	-13	-47.75	-79.89	-64.32	4.88	10.60	V
	3163	-57.73	-13	-44.73	-80.05	-62.66	5.52	12.60	V
Highest	1586.5	-65.93	-42.15	-23.78	-77.76	-69.10	4.10	9.42	H
	2379.75	-60.76	-13	-47.76	-79.36	-64.34	4.90	10.63	H
	3173	-59.78	-13	-46.78	-80.22	-64.70	5.55	12.62	H
	1586.5	-65.16	-42.15	-23.01	-77.56	-68.33	4.10	9.42	V
	2379.75	-60.70	-13	-47.70	-79.84	-64.28	4.90	10.63	V
	3173	-58.03	-13	-45.03	-80.46	-62.95	5.55	12.62	V

Remark: Spurious emissions within 30-100MHz were found more than 20dB below limit line.

LTE Band 14 / 10MHz / QPSK ANT0									
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)
Middle	1577	-66.22	-42.15	-24.07	-78.05	-69.47	4.00	9.40	H
	2365.5	-61.64	-13	-48.64	-80.24	-65.21	4.88	10.60	H
	3154	-60.11	-13	-47.11	-80.51	-65.04	5.52	12.60	H
	1577	-65.80	-42.15	-23.65	-78.20	-69.05	4.00	9.40	V
	2365.5	-60.16	-13	-47.16	-79.22	-63.73	4.88	10.60	V
	3154	-58.03	-13	-45.03	-80.36	-62.96	5.52	12.60	V

Remark: Spurious emissions within 30-100MHz were found more than 20dB below limit line.