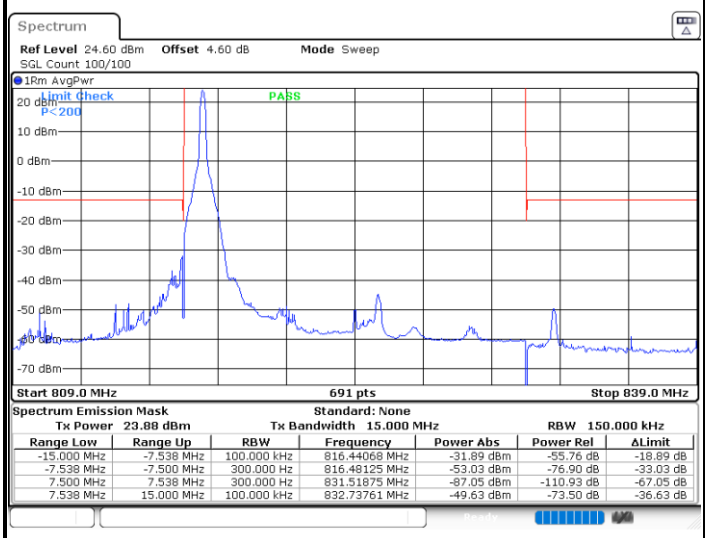
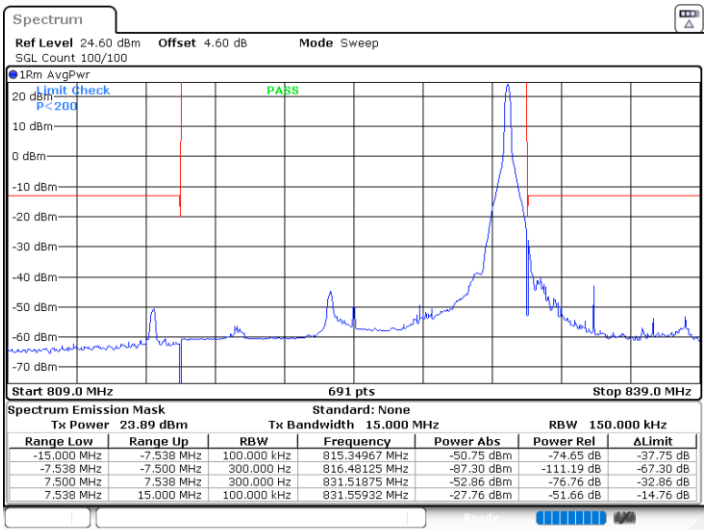
LTE Band 26 / 15MHz / 16QAM

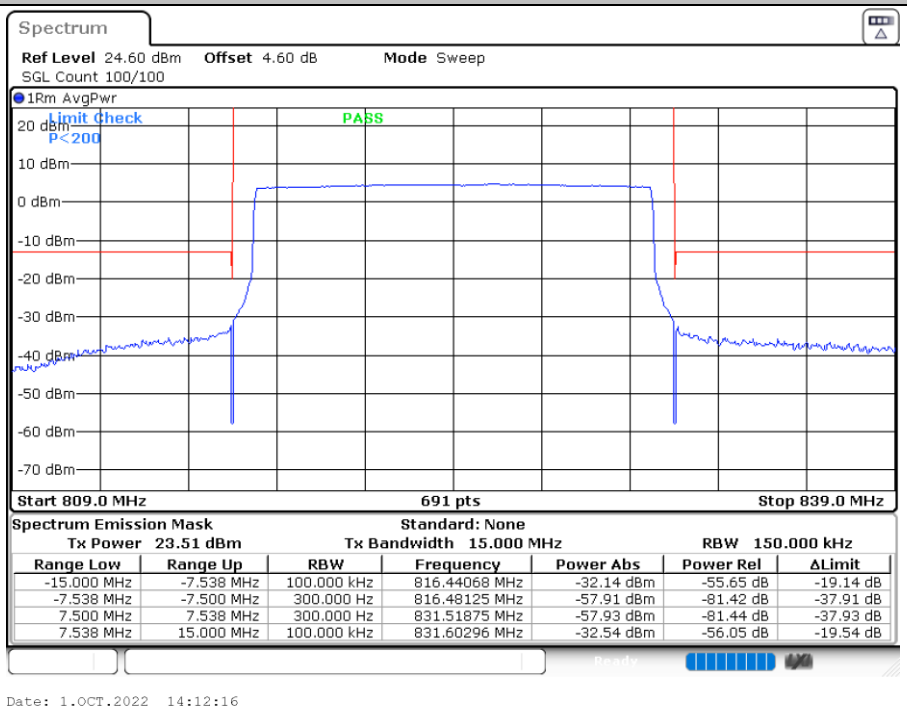
Lowest Band Edge / 1 RB



Lowest Band Edge / 1 RB max

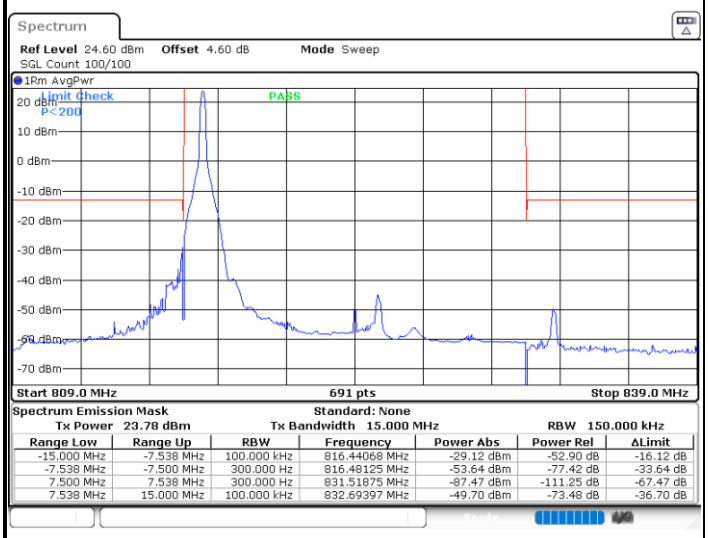


Band Edge / Full RB

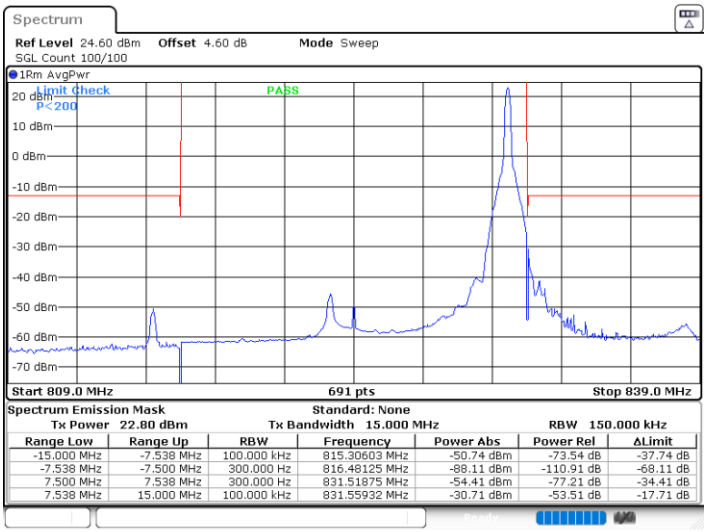


LTE Band 26 / 15MHz / 64QAM

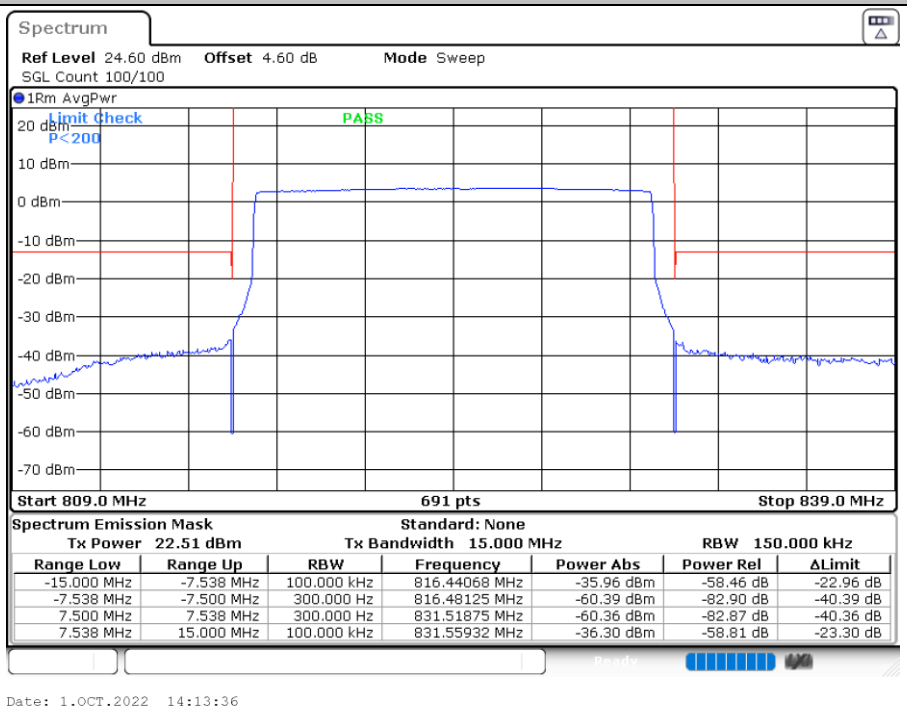
Lowest Band Edge / 1 RB



Lowest Band Edge / 1 RB max

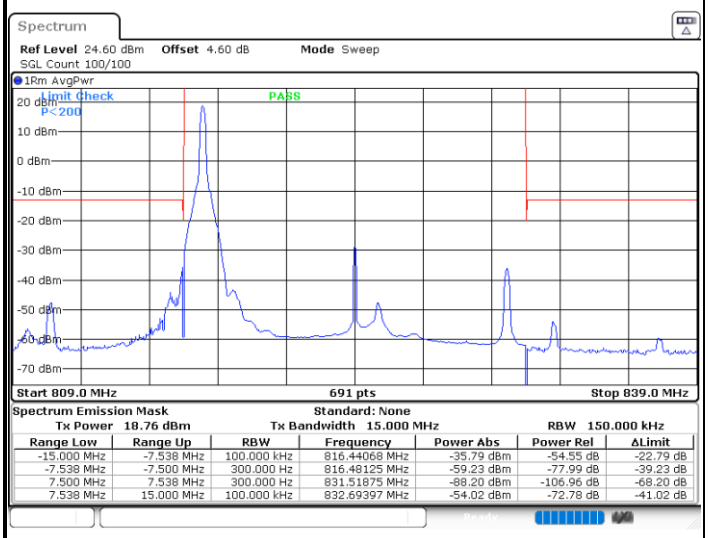


Band Edge / Full RB



LTE Band 26 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



Spectrum Emission Mask — Standard: None
Tx Power 18.76 dBm | Tx Bandwidth 15.000 MHz | RBW 150.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	816.44068 MHz	-35.79 dBm	-54.55 dB	-22.79 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	816.48125 MHz	-59.23 dBm	-77.99 dB	-39.23 dB
7.500 MHz	7.538 MHz	300.000 Hz	831.51875 MHz	-88.20 dBm	-106.96 dB	-68.20 dB
7.538 MHz	15.000 MHz	100.000 kHz	832.69397 MHz	-54.02 dBm	-72.78 dB	-41.02 dB

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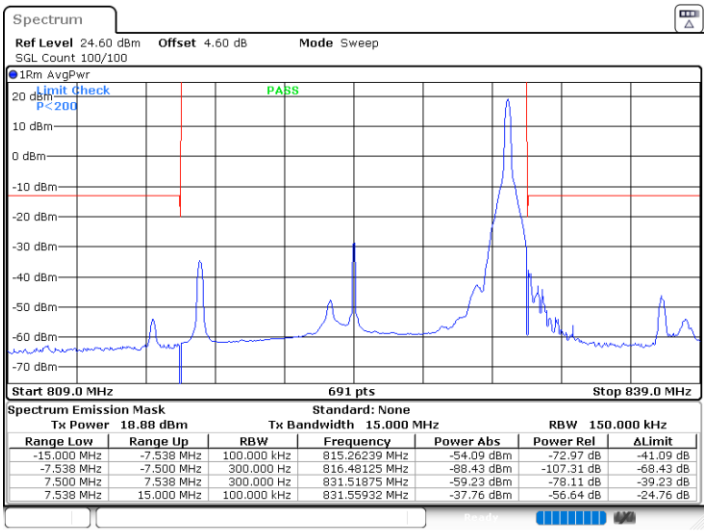
Lowest Band Edge / 1 RB max

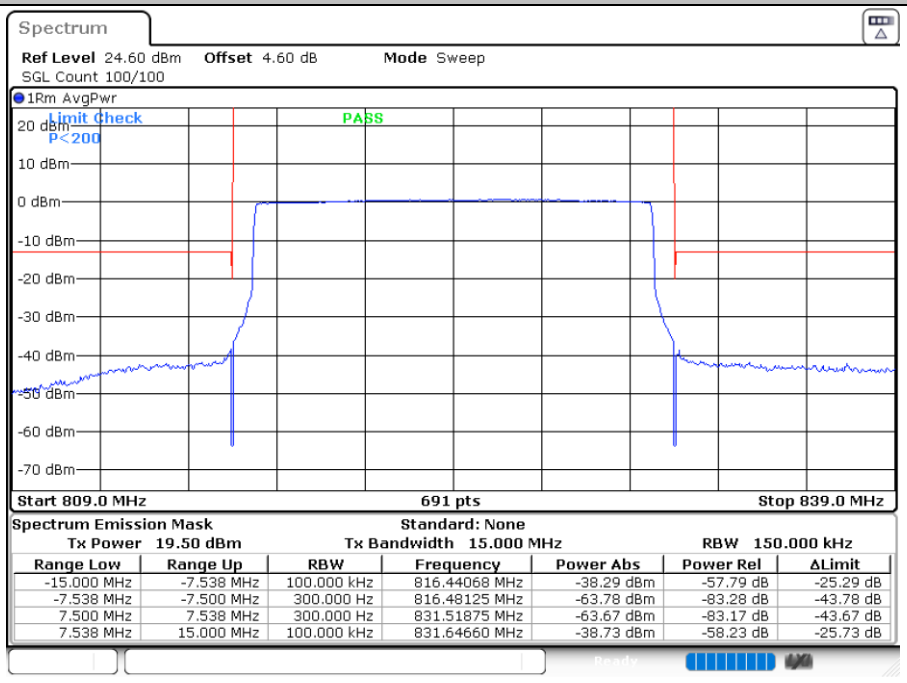


Spectrum Emission Mask — Standard: None
Tx Power 18.88 dBm | Tx Bandwidth 15.000 MHz | RBW 150.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	815.26239 MHz	-54.09 dBm	-72.97 dB	-41.09 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	816.48125 MHz	-88.43 dBm	-107.31 dB	-68.43 dB
7.500 MHz	7.538 MHz	300.000 Hz	831.51875 MHz	-59.23 dBm	-78.11 dB	-39.23 dB
7.538 MHz	15.000 MHz	100.000 kHz	831.55932 MHz	-37.76 dBm	-56.64 dB	-24.76 dB

Date: 1.OCT.2022 14:05:36

Band Edge / Full RB



Spectrum Emission Mask — Standard: None
Tx Power 19.50 dBm | Tx Bandwidth 15.000 MHz | RBW 150.000 kHz

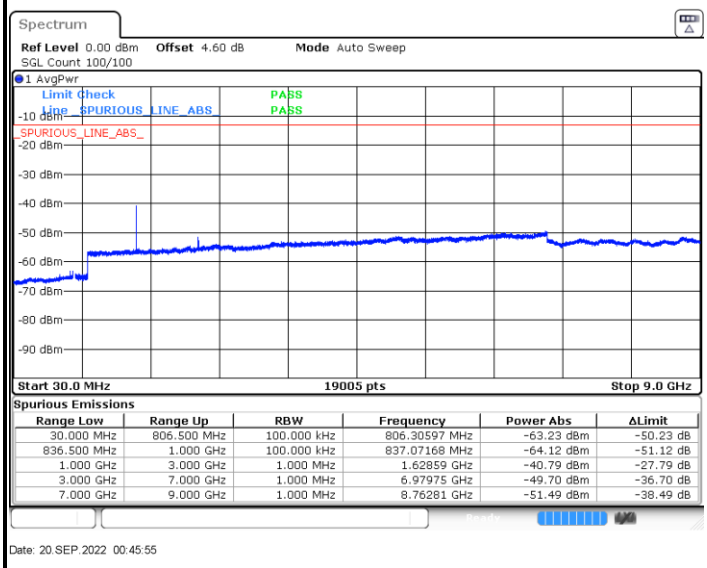
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	816.44068 MHz	-38.29 dBm	-57.79 dB	-25.29 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	816.48125 MHz	-63.78 dBm	-83.28 dB	-43.78 dB
7.500 MHz	7.538 MHz	300.000 Hz	831.51875 MHz	-63.67 dBm	-83.17 dB	-43.67 dB
7.538 MHz	15.000 MHz	100.000 kHz	831.64660 MHz	-38.73 dBm	-58.23 dB	-25.73 dB

Date: 1.OCT.2022 14:14:55

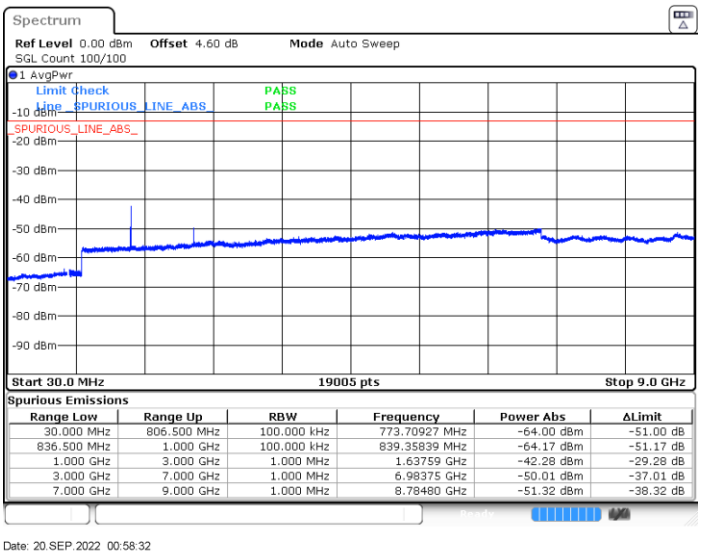
Conducted Spurious Emission

LTE Band 26 / 1.4MHz

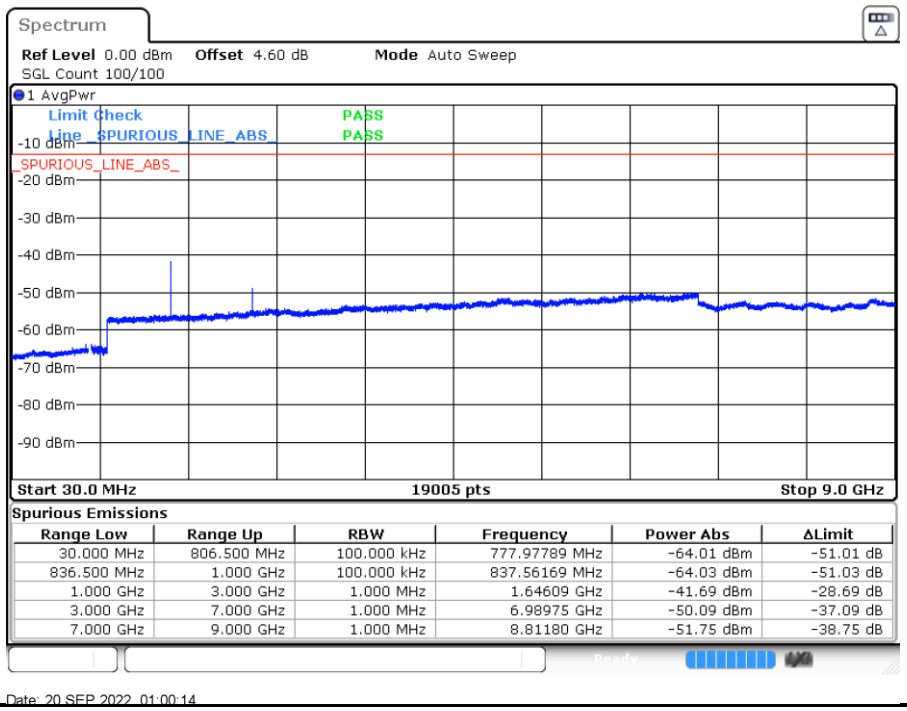
Lowest Channel / QPSK



Middle Channel / QPSK

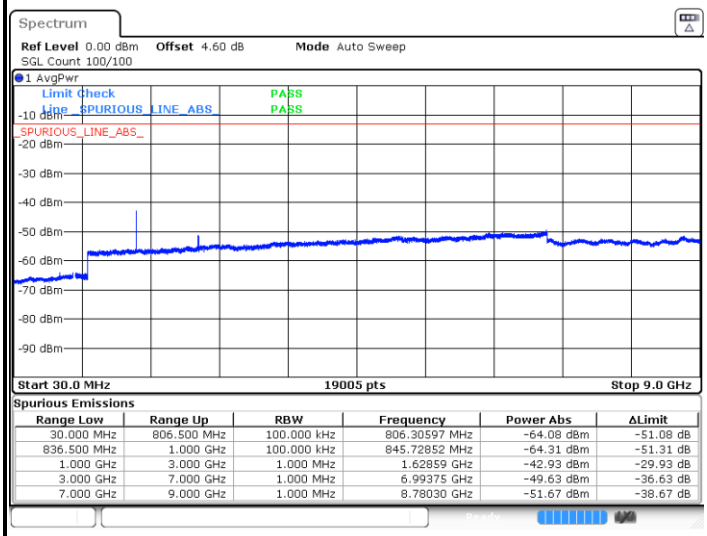


Highest Channel / QPSK



LTE Band 26 / 3MHz

Lowest Channel / QPSK

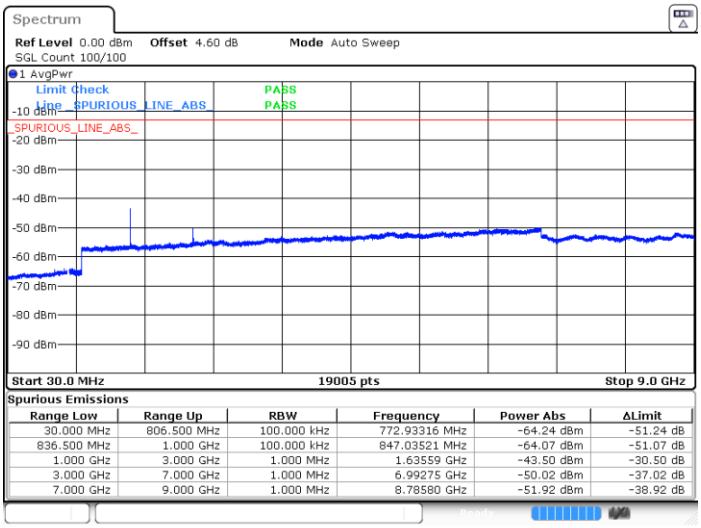


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-64.08 dBm	-51.08 dB
836.500 MHz	1.000 GHz	100.000 kHz	845.72852 MHz	-64.31 dBm	-51.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-42.93 dBm	-29.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-49.63 dBm	-36.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.78030 GHz	-51.67 dBm	-38.67 dB

Date: 20.SEP.2022 01:12:44

Middle Channel / QPSK

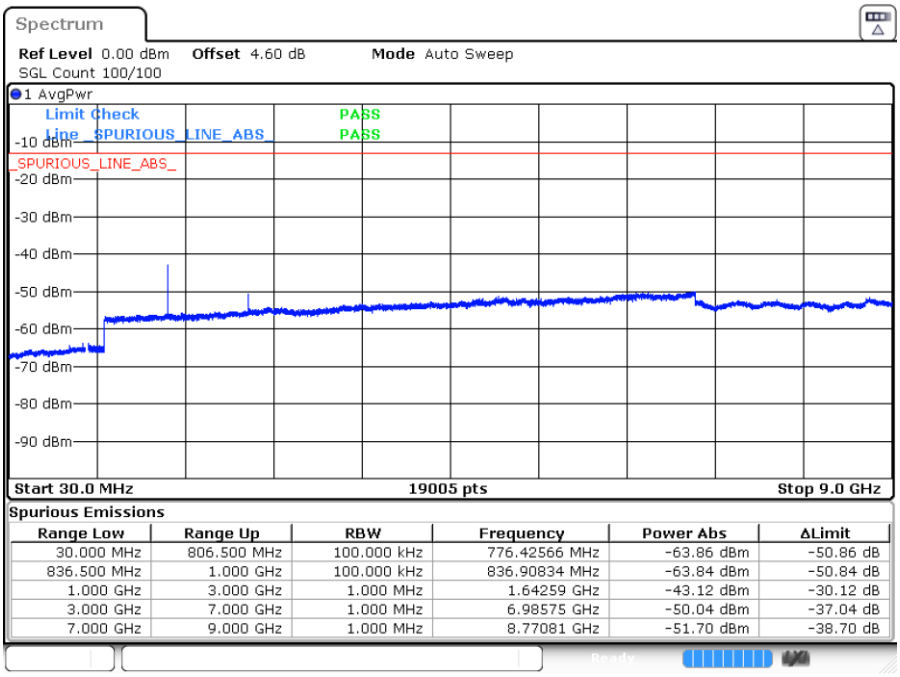


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	772.93316 MHz	-64.24 dBm	-51.24 dB
836.500 MHz	1.000 GHz	100.000 kHz	847.03521 MHz	-64.07 dBm	-51.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-43.50 dBm	-30.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-50.02 dBm	-37.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.78580 GHz	-51.92 dBm	-38.92 dB

Date: 20.SEP.2022 01:34:23

Highest Channel / QPSK



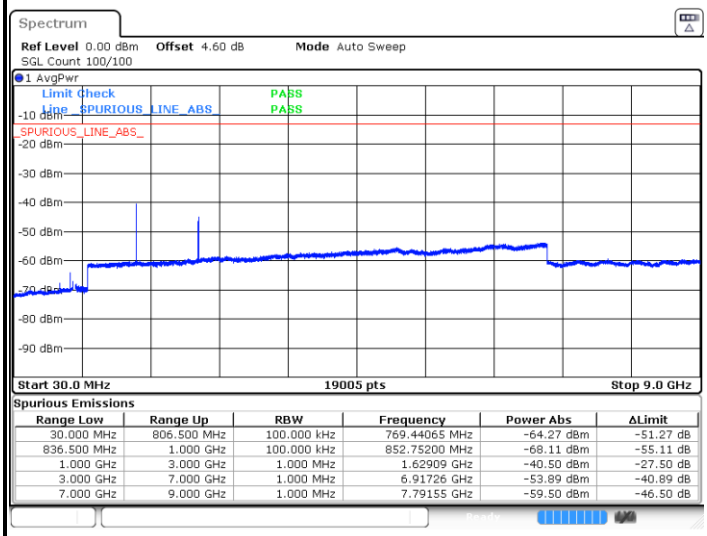
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	776.42566 MHz	-63.86 dBm	-50.86 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.90834 MHz	-63.84 dBm	-50.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64259 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-50.04 dBm	-37.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.77081 GHz	-51.70 dBm	-38.70 dB

Date: 20.SEP.2022 01:36:05

LTE Band 26 / 5MHz

Lowest Channel / QPSK

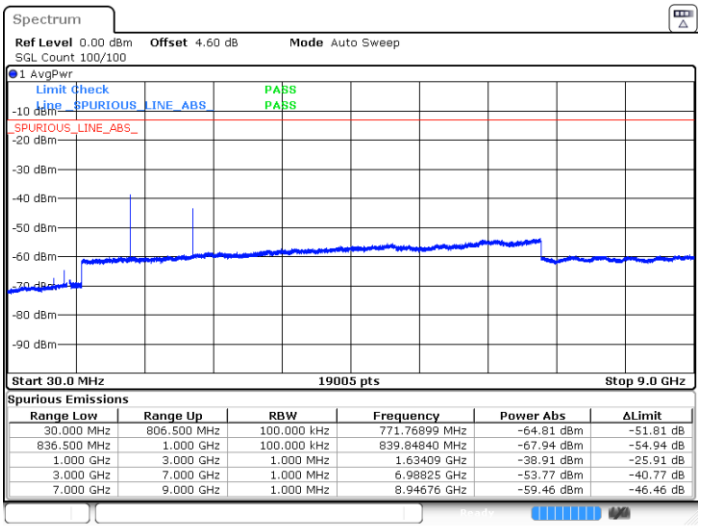


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	769.44065 MHz	-64.27 dBm	-51.27 dB
836.500 MHz	1.000 GHz	100.000 kHz	852.75200 MHz	-68.11 dBm	-55.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-40.50 dBm	-27.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91726 GHz	-53.89 dBm	-40.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.79155 GHz	-59.50 dBm	-46.50 dB

Date: 20.SEP.2022 01:48:37

Middle Channel / QPSK

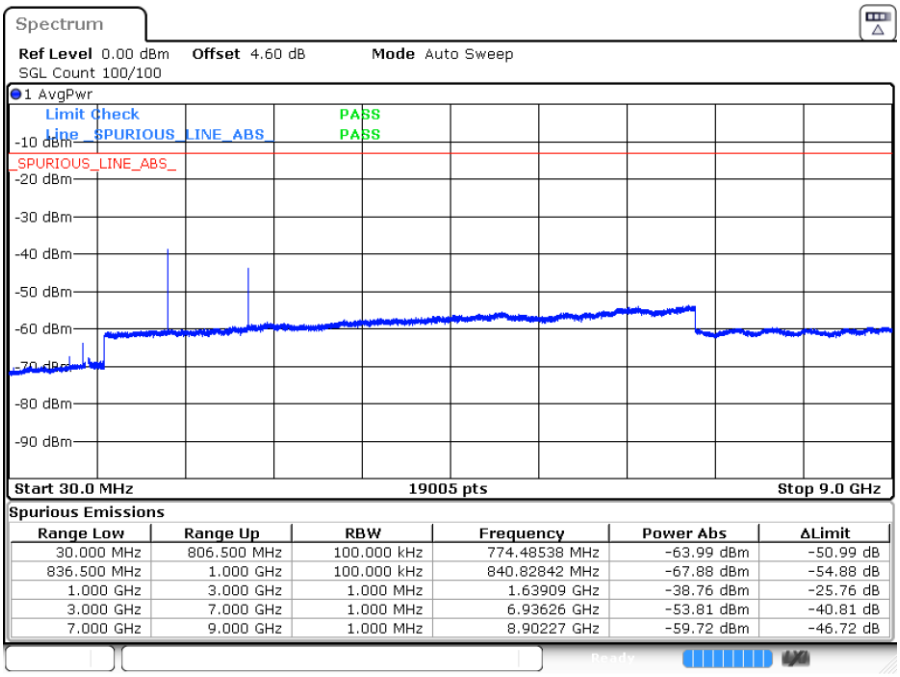


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	771.76899 MHz	-64.81 dBm	-51.81 dB
836.500 MHz	1.000 GHz	100.000 kHz	839.84840 MHz	-67.94 dBm	-54.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-38.91 dBm	-25.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-53.77 dBm	-40.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94676 GHz	-59.46 dBm	-46.46 dB

Date: 20.SEP.2022 02:04:17

Highest Channel / QPSK

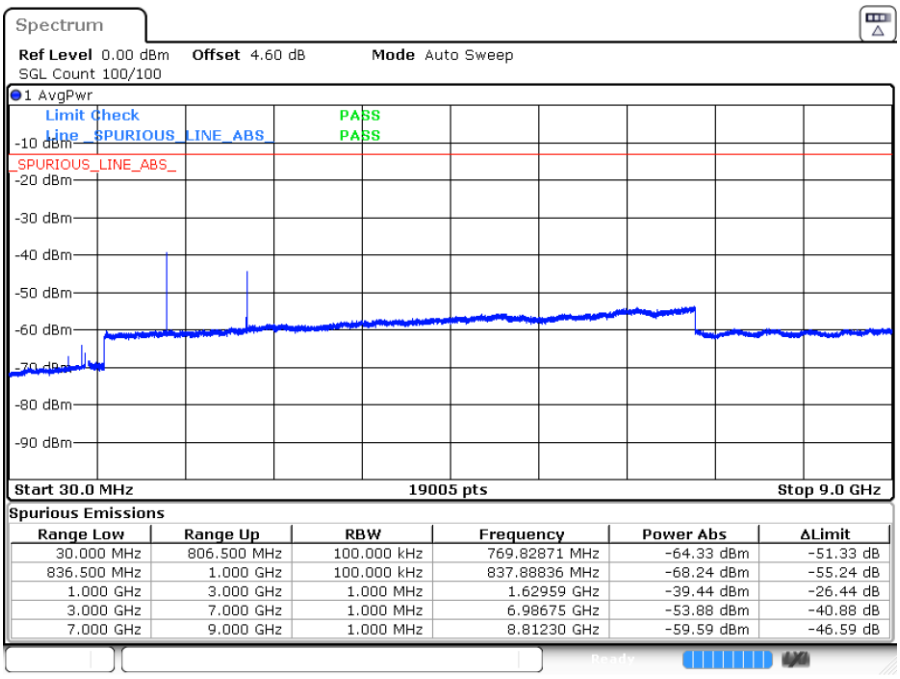


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	774.48538 MHz	-63.99 dBm	-50.99 dB
836.500 MHz	1.000 GHz	100.000 kHz	840.82842 MHz	-67.88 dBm	-54.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63909 GHz	-38.76 dBm	-25.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93626 GHz	-53.81 dBm	-40.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90227 GHz	-59.72 dBm	-46.72 dB

Date: 20.SEP.2022 02:05:59

LTE Band 26 / 10MHz
Middle Channel / QPSK

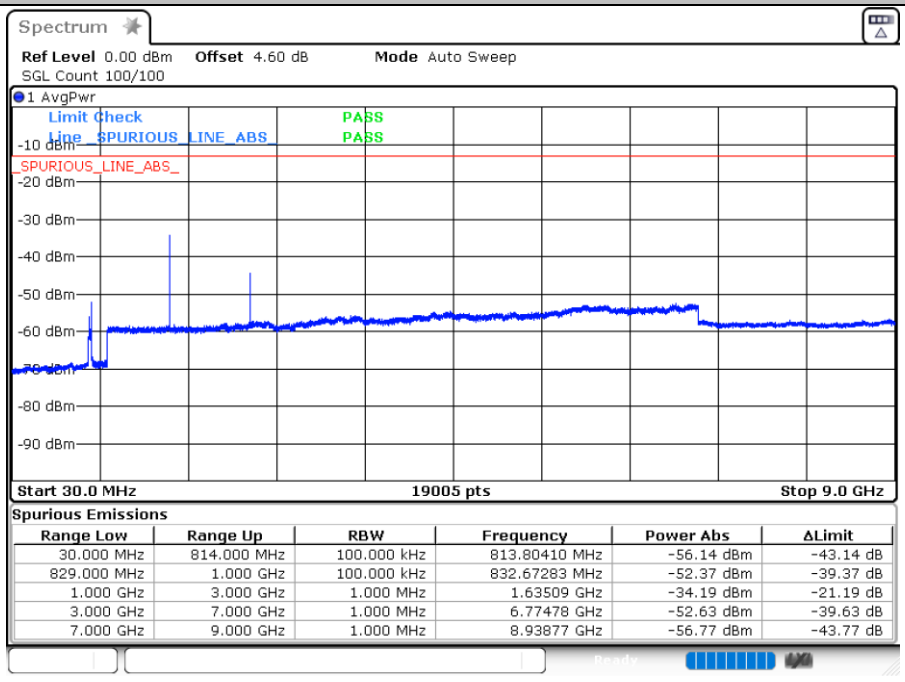


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	769.82871 MHz	-64.33 dBm	-51.33 dB
836.500 MHz	1.000 GHz	100.000 kHz	837.88836 MHz	-68.24 dBm	-55.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-39.44 dBm	-26.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-53.88 dBm	-40.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.81230 GHz	-59.59 dBm	-46.59 dB

Date: 20.SEP.2022 02:18:29

LTE Band 26 / 15MHz
Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	814.000 MHz	100.000 kHz	813.80410 MHz	-56.14 dBm	-43.14 dB
829.000 MHz	1.000 GHz	100.000 kHz	832.67283 MHz	-52.37 dBm	-39.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63509 GHz	-34.19 dBm	-21.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77478 GHz	-52.63 dBm	-39.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93877 GHz	-56.77 dBm	-43.77 dB

Date: 1.OCT.2022 14:46:14

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	0.0032	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0015	
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℃
		Relative Humidity :	48~52%

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

LTE Band 26 / 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	1629	-66.17	-13	-53.17	-73.93	-69.42	4.00	9.40	H
	2443.5	-64.31	-13	-51.31	-75.85	-67.88	4.88	10.60	H
	3258	-62.11	-13	-49.11	-77.13	-67.04	5.52	12.60	H
	1629	-66.44	-13	-53.44	-74.12	-69.69	4.00	9.40	V
	2443.5	-63.90	-13	-50.90	-75.41	-67.47	4.88	10.60	V
	3258	-62.36	-13	-49.36	-77.22	-67.29	5.52	12.60	V

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