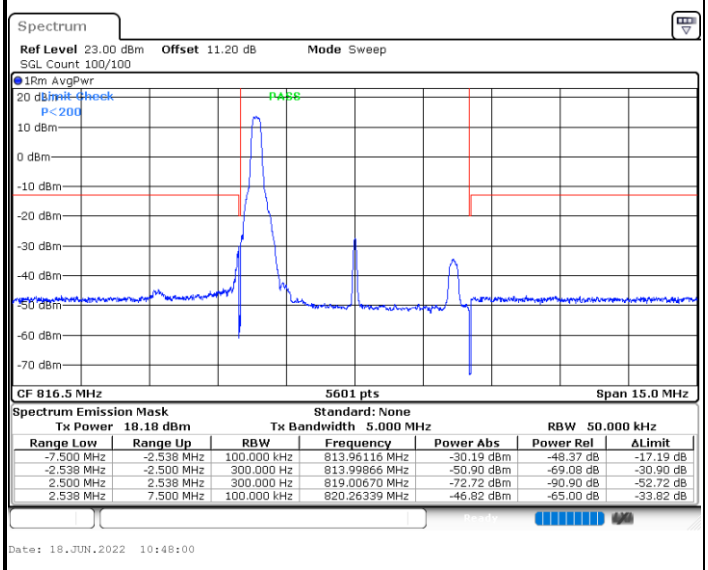
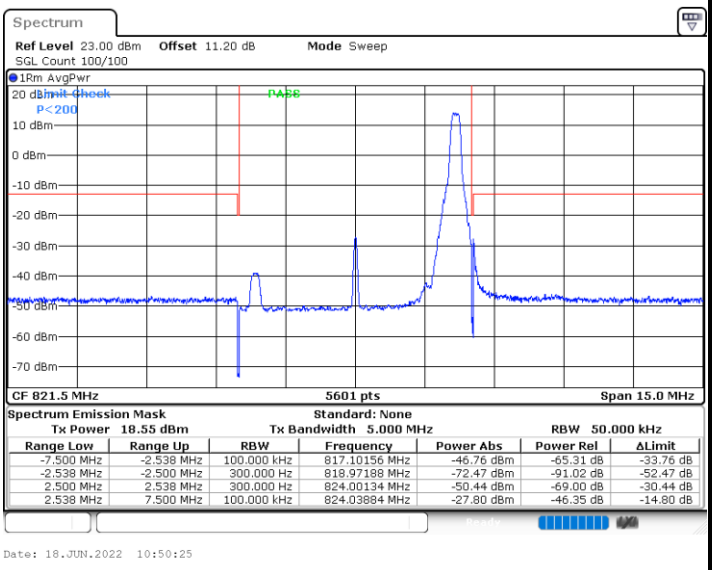
LTE Band 26 / 5MHz / 256QAM

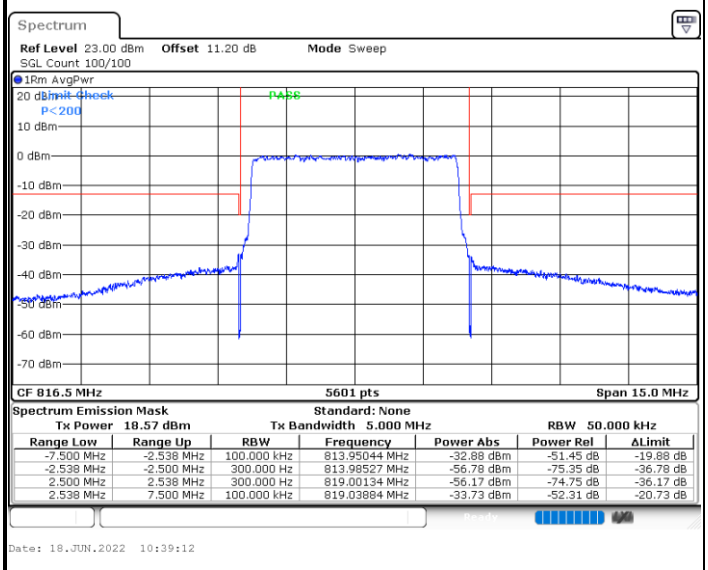
Lowest Band Edge / 1RB



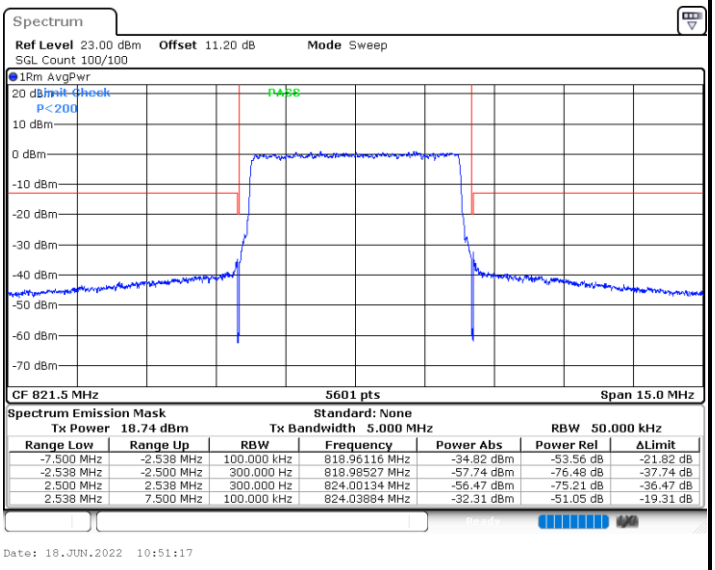
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

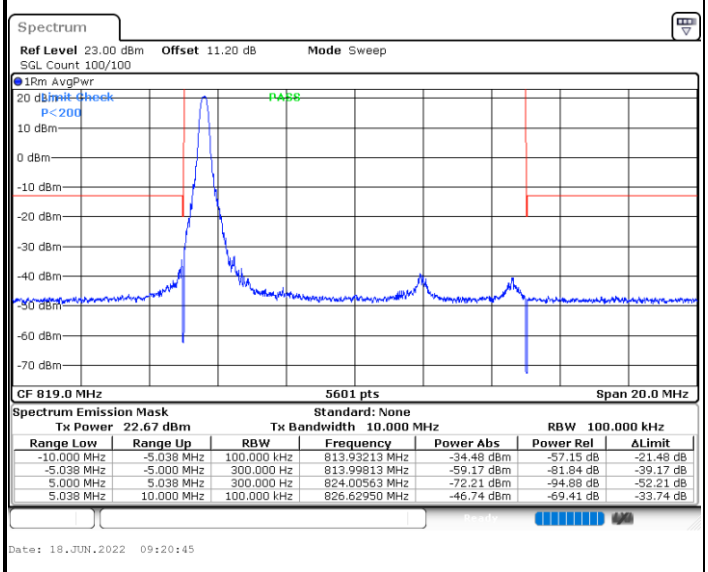


Highest Band Edge / Full RB



LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

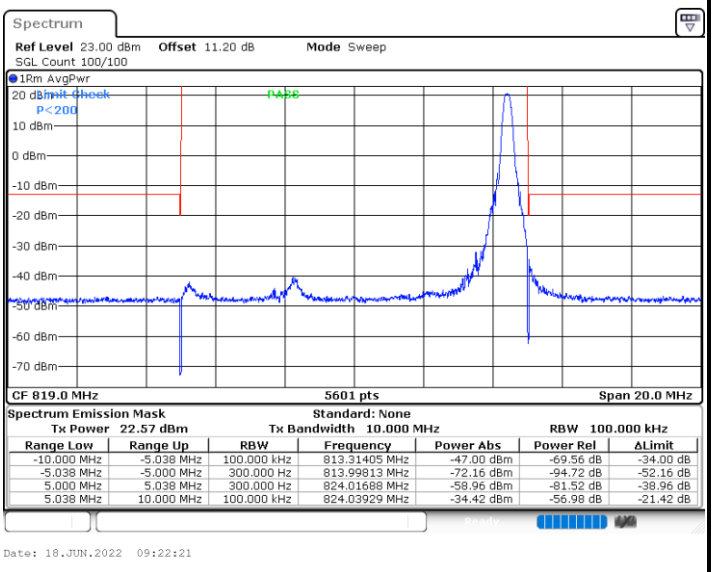


Spectrum Emission Mask Standard: None
Tx Power 22.67 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.93213 MHz	-34.48 dBm	-57.15 dB	-21.48 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-59.17 dBm	-81.84 dB	-39.17 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00563 MHz	-72.21 dBm	-94.88 dB	-52.21 dB
5.038 MHz	10.000 MHz	100.000 kHz	826.62950 MHz	-46.74 dBm	-69.41 dB	-33.74 dB

Date: 18.JUN.2022 09:20:45

Highest Band Edge / 1 RB

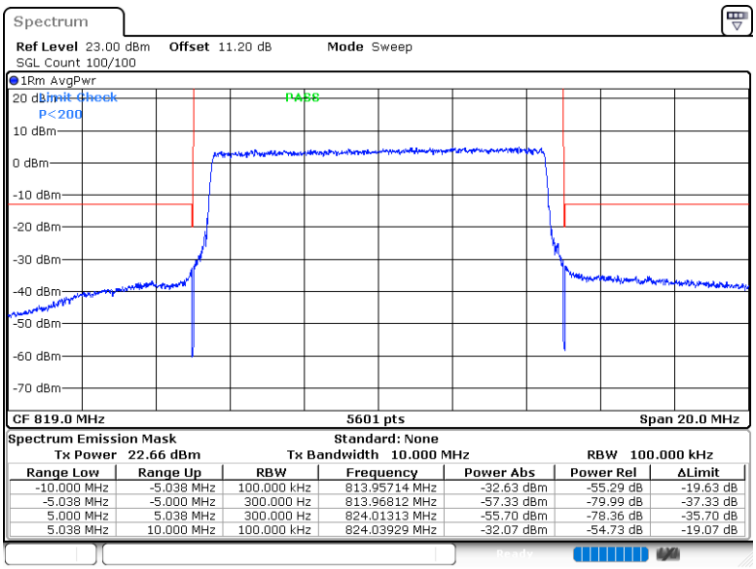


Spectrum Emission Mask Standard: None
Tx Power 22.57 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.31405 MHz	-47.00 dBm	-69.56 dB	-34.00 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-72.16 dBm	-94.72 dB	-52.16 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.01688 MHz	-58.96 dBm	-81.52 dB	-38.96 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.03929 MHz	-34.42 dBm	-56.98 dB	-21.42 dB

Date: 18.JUN.2022 09:22:21

Lowest Band Edge / Full RB



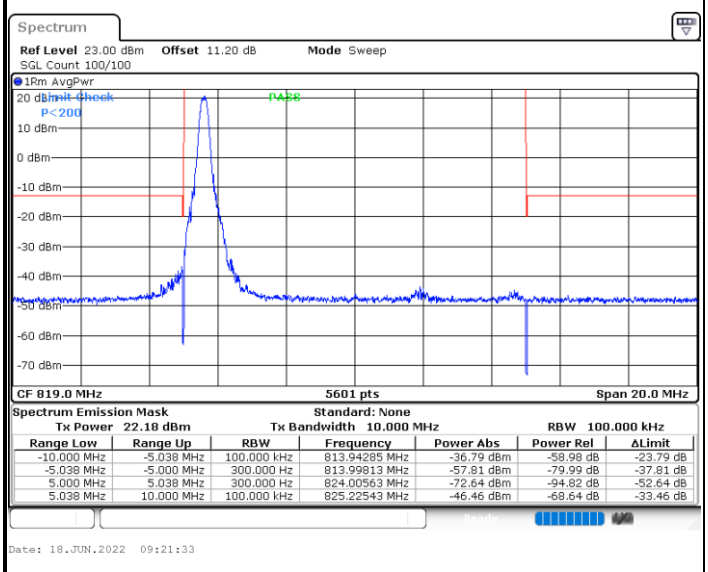
Spectrum Emission Mask Standard: None
Tx Power 22.66 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95714 MHz	-32.63 dBm	-55.29 dB	-19.63 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.96812 MHz	-57.33 dBm	-79.99 dB	-37.33 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.01313 MHz	-55.70 dBm	-78.36 dB	-35.70 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.03929 MHz	-32.07 dBm	-54.73 dB	-19.07 dB

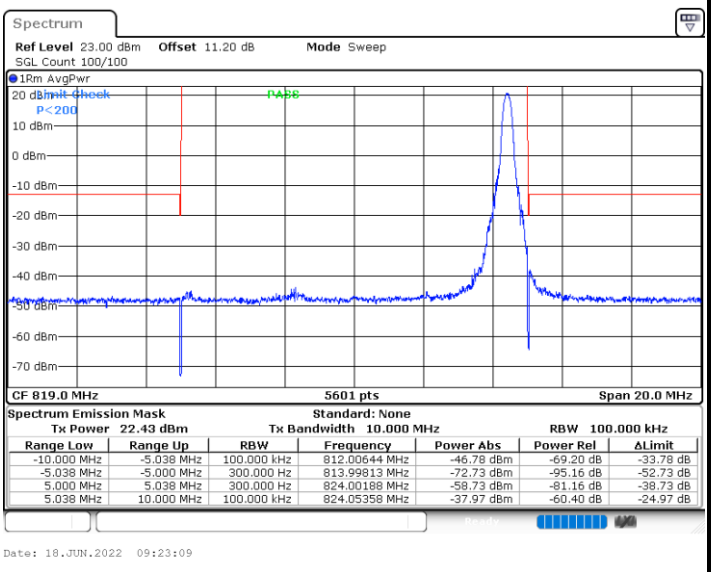
Date: 18.JUN.2022 09:23:57

LTE Band 26 / 10MHz / 16QAM

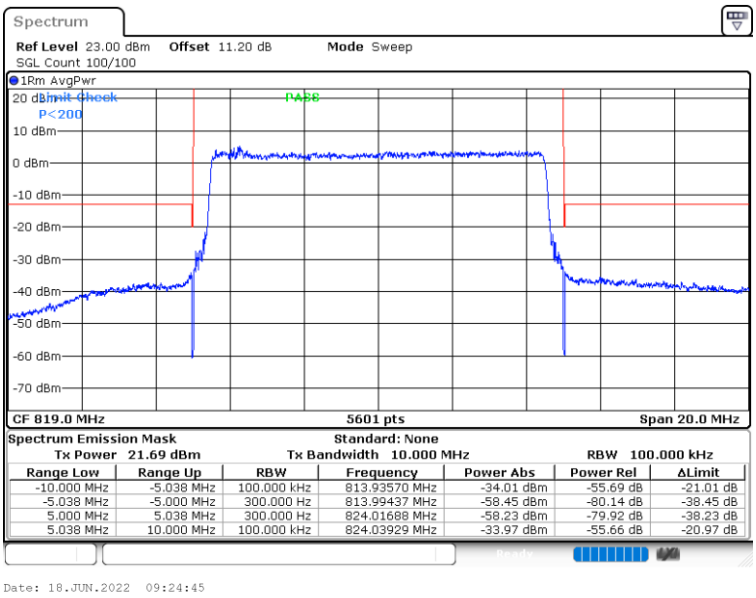
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

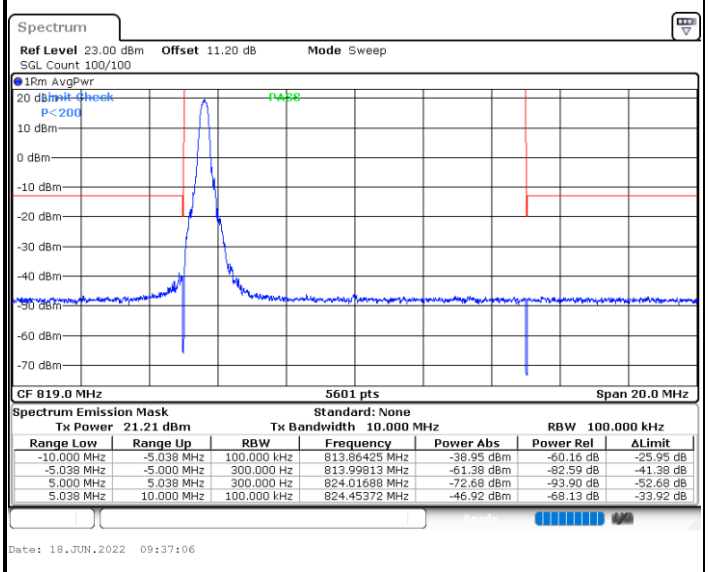


Lowest Band Edge / Full RB

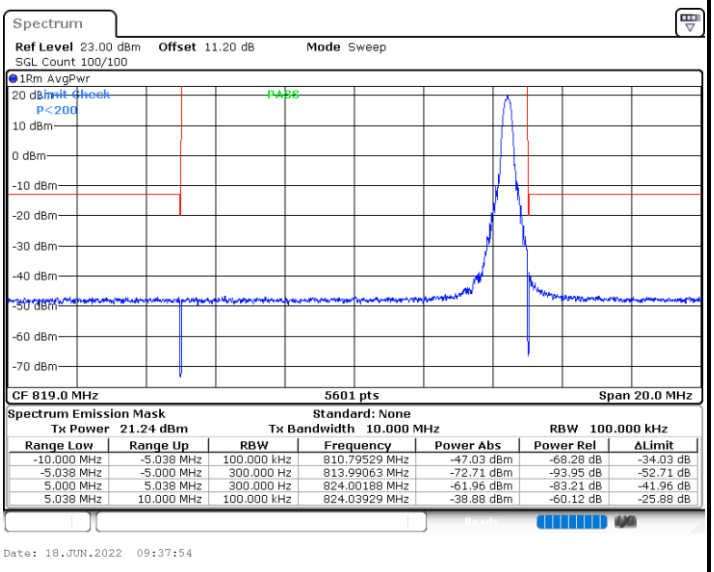


LTE Band 26 / 10MHz / 64QAM

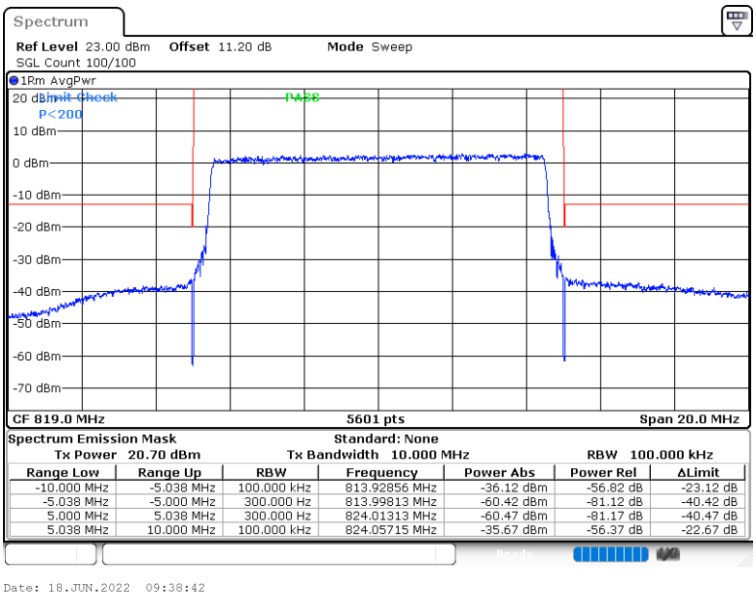
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

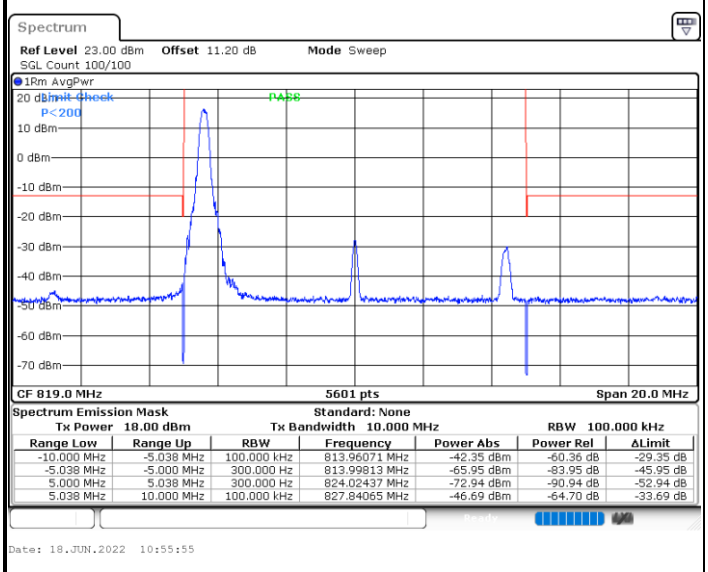


Lowest Band Edge / Full RB



LTE Band 26 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

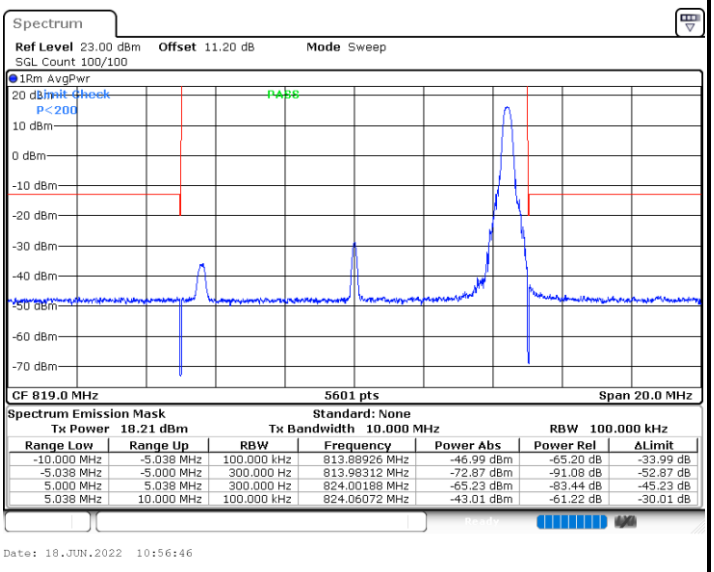


Spectrum Emission Mask Standard: None
Tx Power 18.00 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.96071 MHz	-42.35 dBm	-60.36 dB	-29.35 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-65.95 dBm	-83.95 dB	-45.95 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.02437 MHz	-72.94 dBm	-90.94 dB	-52.94 dB
5.038 MHz	10.000 MHz	100.000 kHz	827.84065 MHz	-46.69 dBm	-64.70 dB	-33.69 dB

Date: 18.JUN.2022 10:55:55

Highest Band Edge / 1 RB

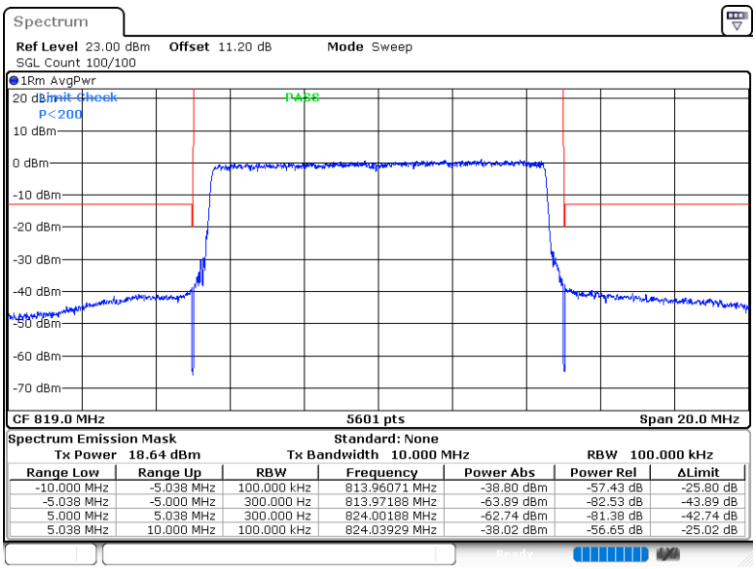


Spectrum Emission Mask Standard: None
Tx Power 18.21 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.88926 MHz	-46.99 dBm	-65.20 dB	-33.99 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98312 MHz	-72.87 dBm	-91.08 dB	-52.87 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-65.23 dBm	-83.44 dB	-45.23 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.06072 MHz	-43.01 dBm	-61.22 dB	-30.01 dB

Date: 18.JUN.2022 10:56:46

Lowest Band Edge / Full RB



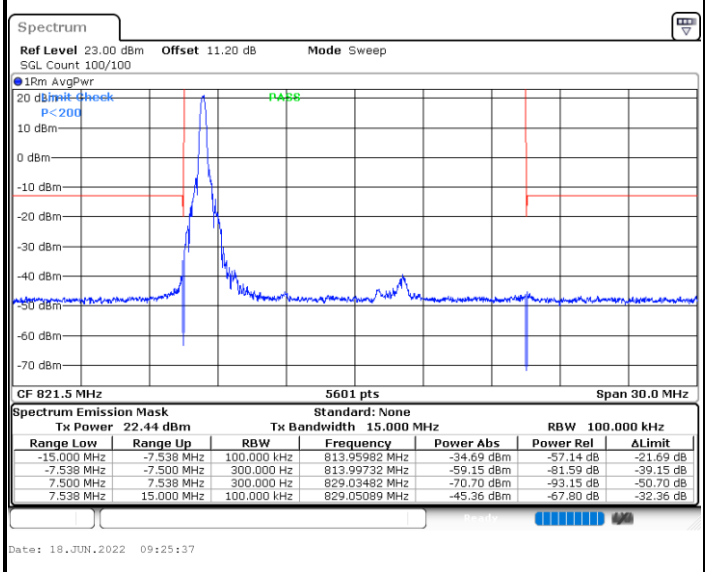
Spectrum Emission Mask Standard: None
Tx Power 18.64 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.96071 MHz	-38.80 dBm	-57.43 dB	-25.80 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.97188 MHz	-63.89 dBm	-82.53 dB	-43.89 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-62.74 dBm	-81.38 dB	-42.74 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.03929 MHz	-38.02 dBm	-56.65 dB	-25.02 dB

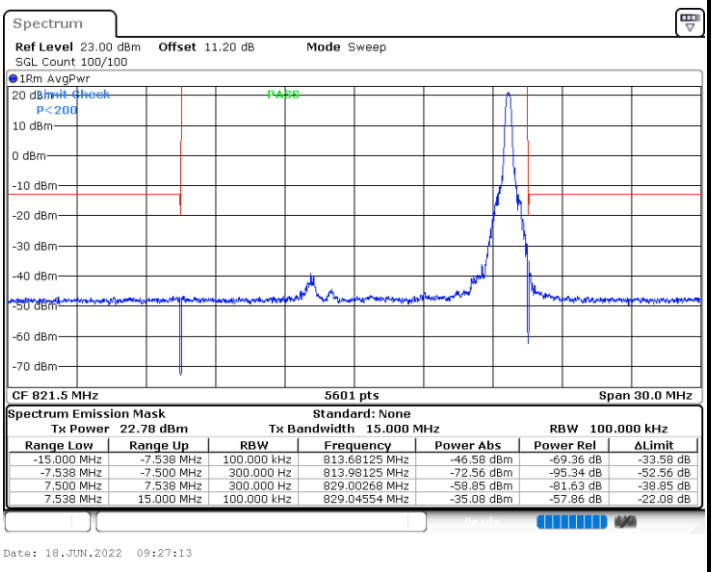
Date: 18.JUN.2022 10:54:47

LTE Band 26 / 15MHz / QPSK

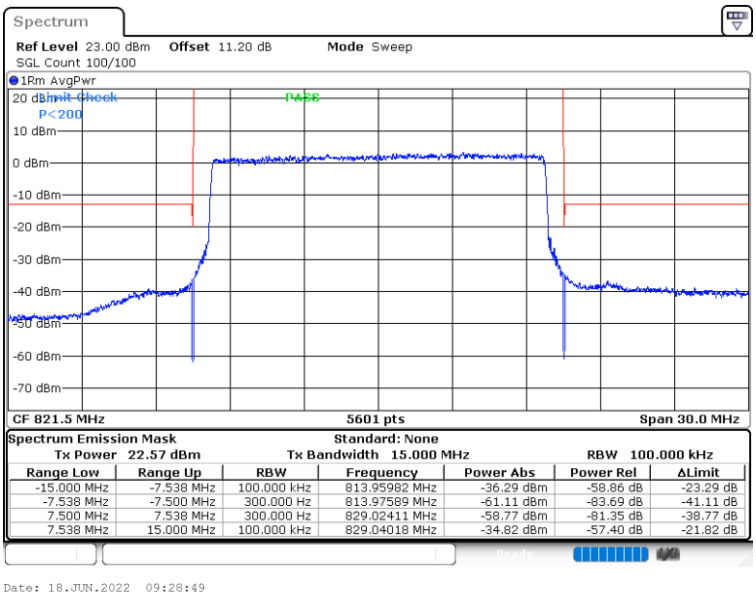
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

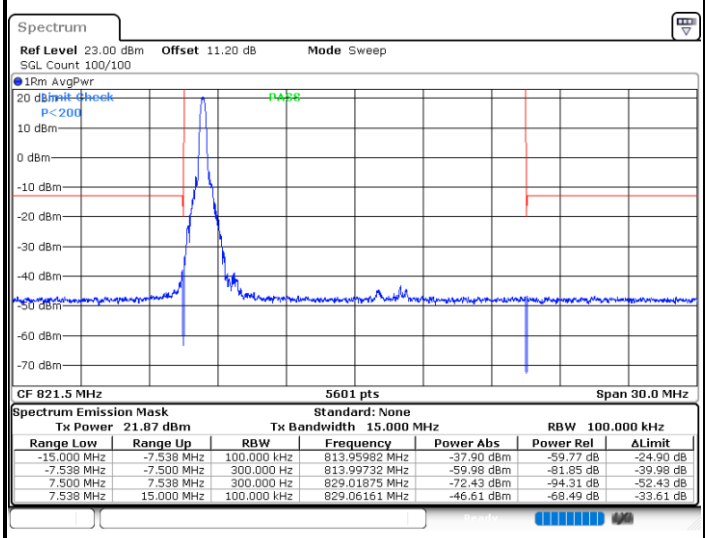


Lowest Band Edge / Full RB

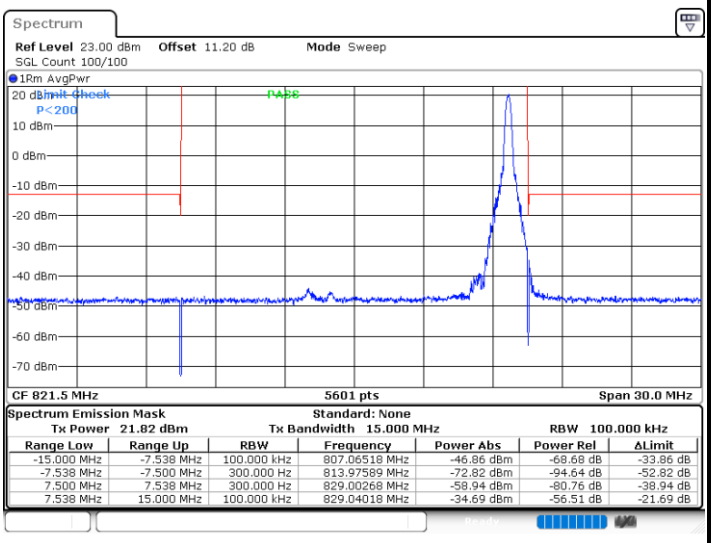


LTE Band 26 / 15MHz / 16QAM

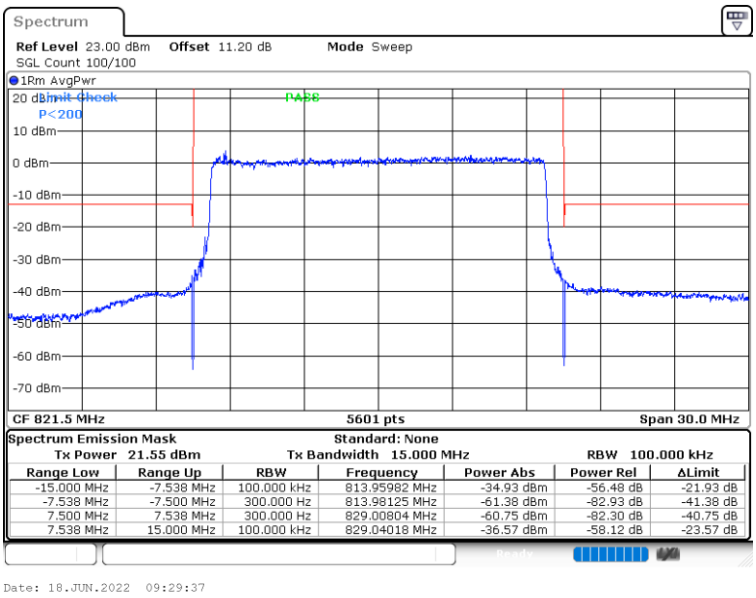
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

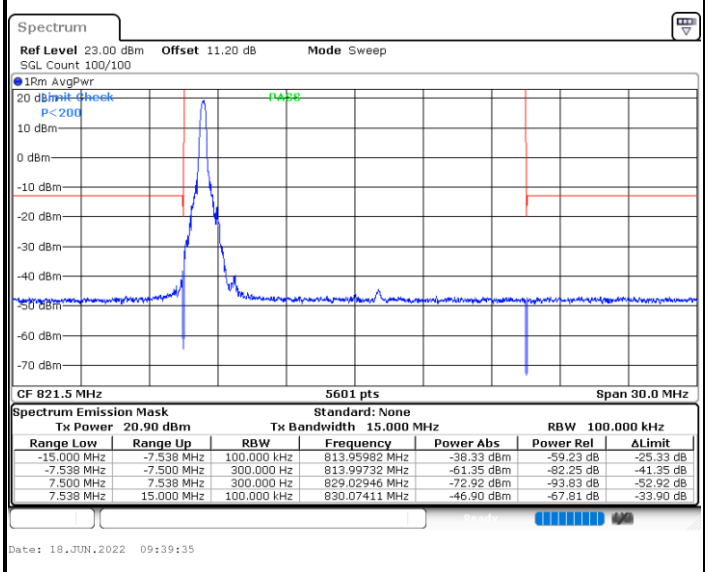


Lowest Band Edge / Full RB

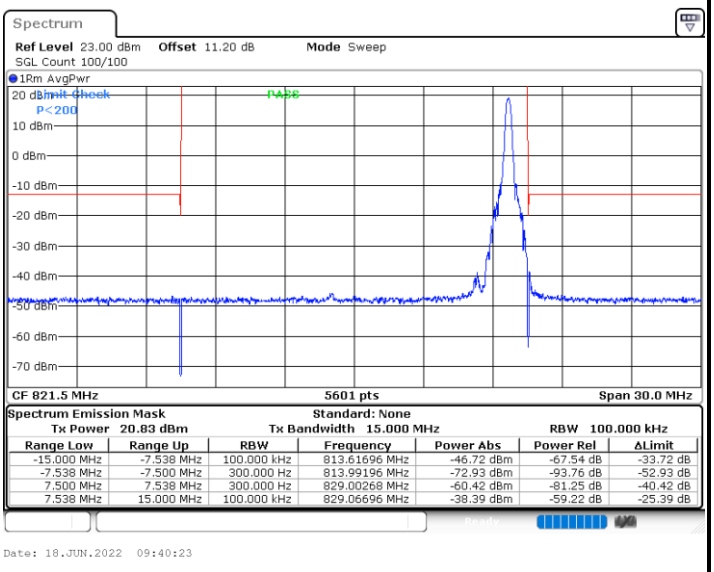


LTE Band 26 / 15MHz / 64QAM

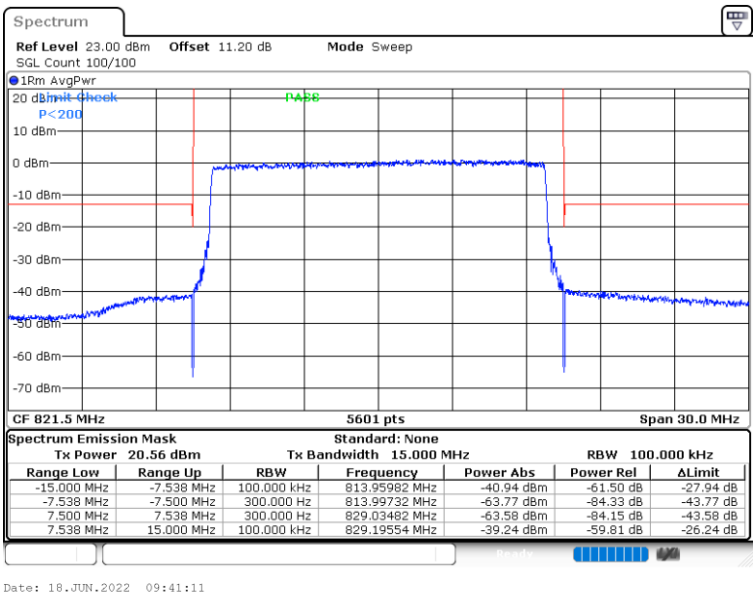
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

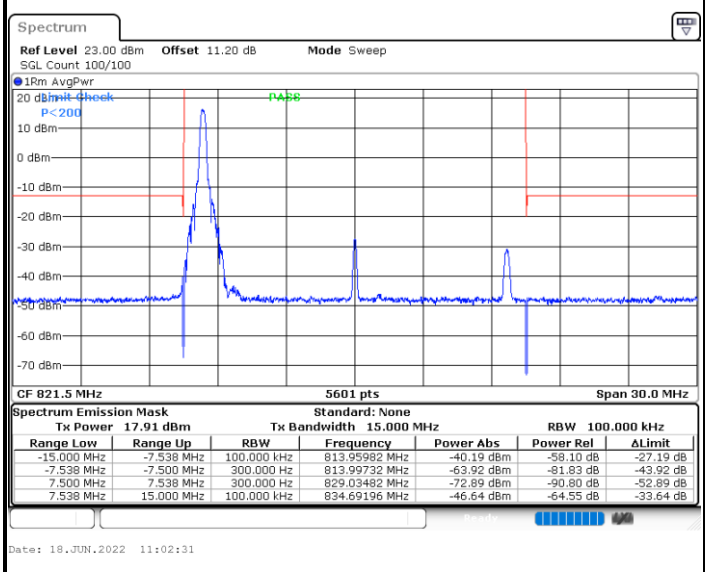


Lowest Band Edge / Full RB

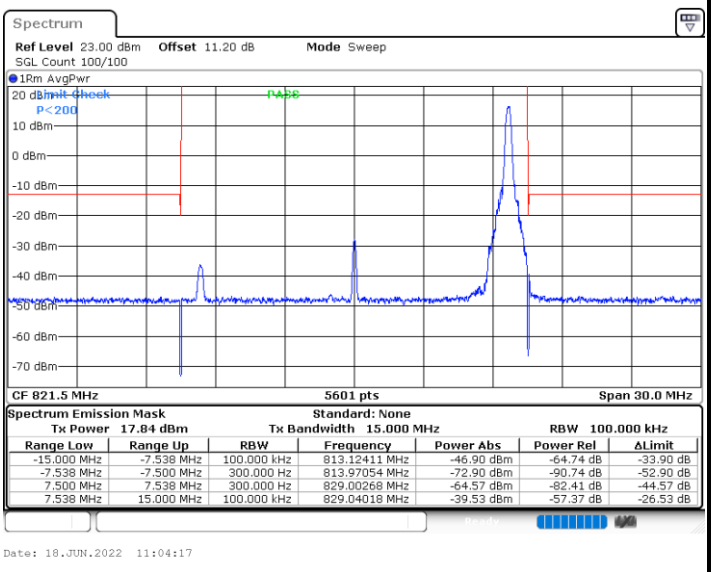


LTE Band 26 / 15MHz / 256QAM

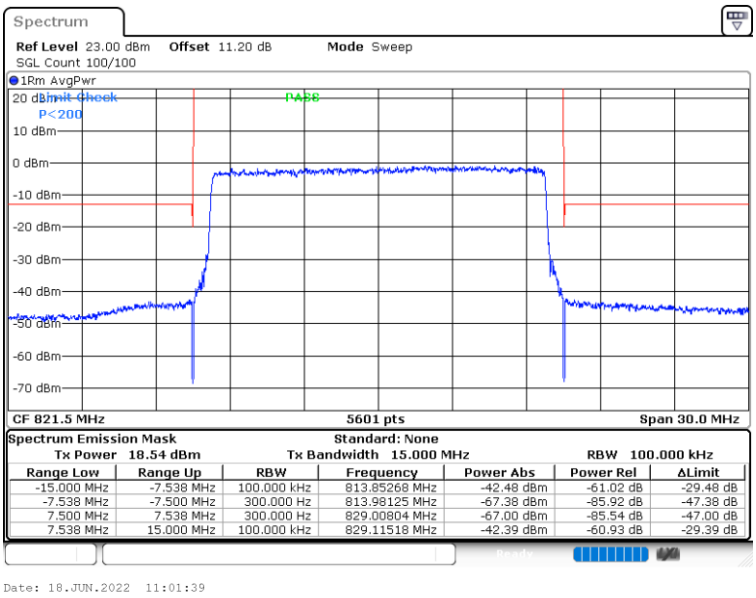
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



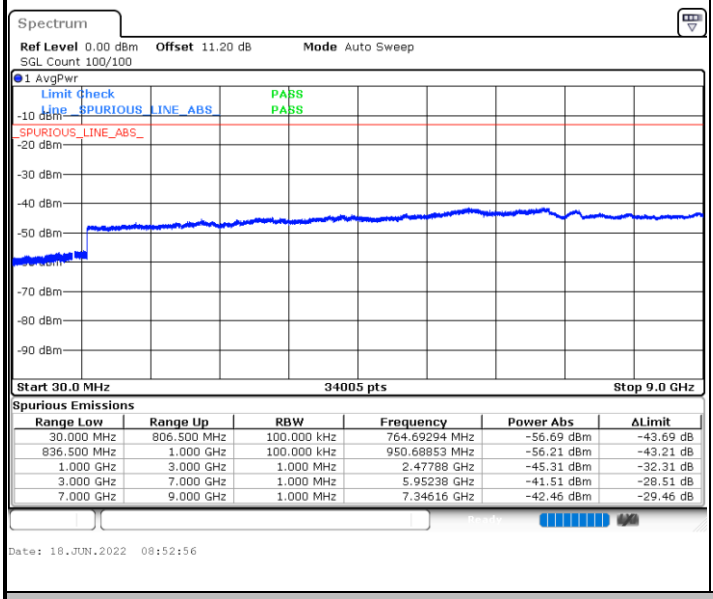
Lowest Band Edge / Full RB



Emission masks – Out of band emissions

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

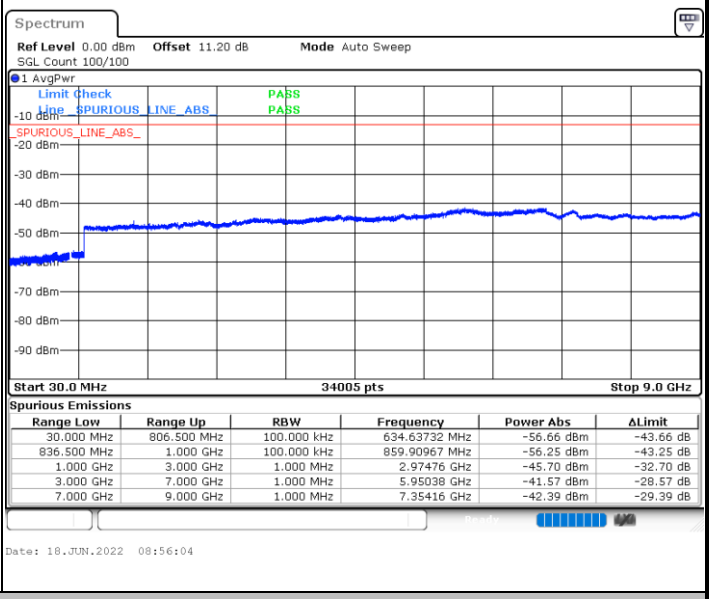


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	764.69294 MHz	-56.69 dBm	-43.69 dB
836.500 MHz	1.000 GHz	100.000 kHz	950.68853 MHz	-56.21 dBm	-43.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47788 GHz	-45.31 dBm	-32.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.95238 GHz	-41.51 dBm	-28.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34616 GHz	-42.46 dBm	-29.46 dB

Date: 18.JUN.2022 08:52:56

Middle Channel / QPSK

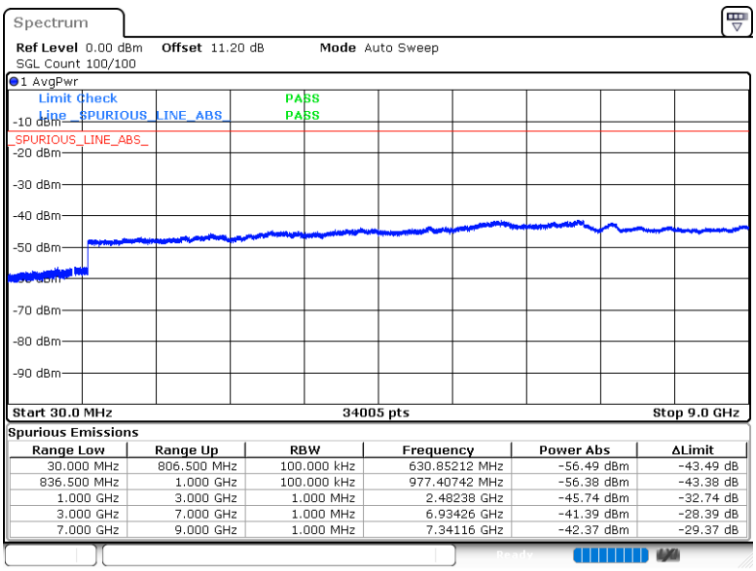


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	634.63732 MHz	-56.66 dBm	-43.66 dB
836.500 MHz	1.000 GHz	100.000 kHz	859.90967 MHz	-56.25 dBm	-43.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97476 GHz	-45.70 dBm	-32.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.95038 GHz	-41.57 dBm	-28.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35416 GHz	-42.39 dBm	-29.39 dB

Date: 18.JUN.2022 08:56:04

Highest Channel / QPSK



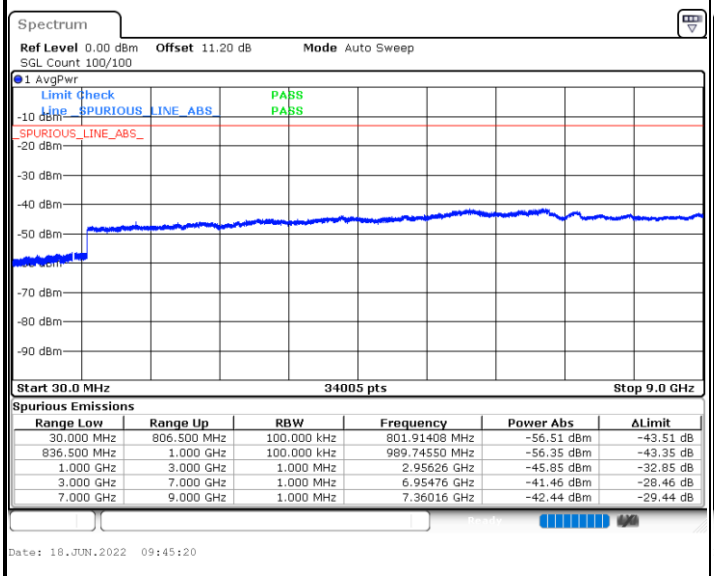
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	630.85212 MHz	-56.49 dBm	-43.49 dB
836.500 MHz	1.000 GHz	100.000 kHz	977.40742 MHz	-56.38 dBm	-43.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48238 GHz	-45.74 dBm	-32.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93426 GHz	-41.39 dBm	-28.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34116 GHz	-42.37 dBm	-29.37 dB

Date: 18.JUN.2022 08:57:14

LTE Band 26 / 3MHz

Lowest Channel / QPSK

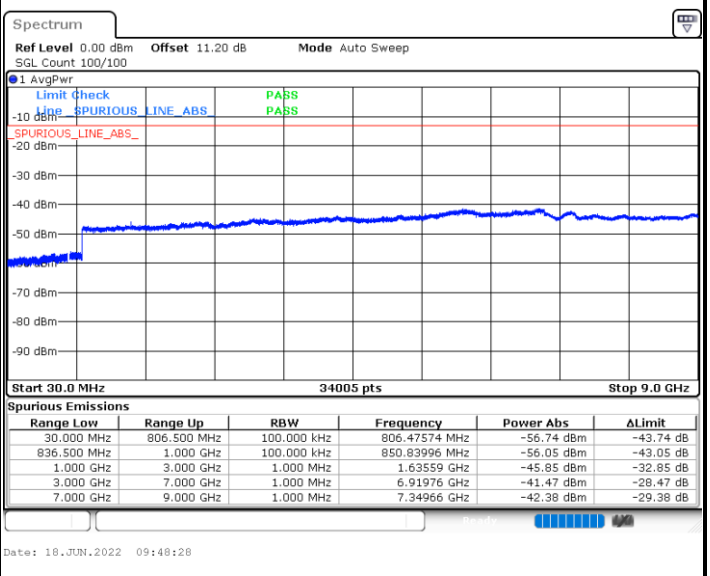


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	801.91408 MHz	-56.51 dBm	-43.51 dB
836.500 MHz	1.000 GHz	100.000 kHz	989.74550 MHz	-56.35 dBm	-43.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95626 GHz	-45.85 dBm	-32.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95476 GHz	-41.46 dBm	-28.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36016 GHz	-42.44 dBm	-29.44 dB

Date: 18.JUN.2022 09:45:20

Middle Channel / QPSK

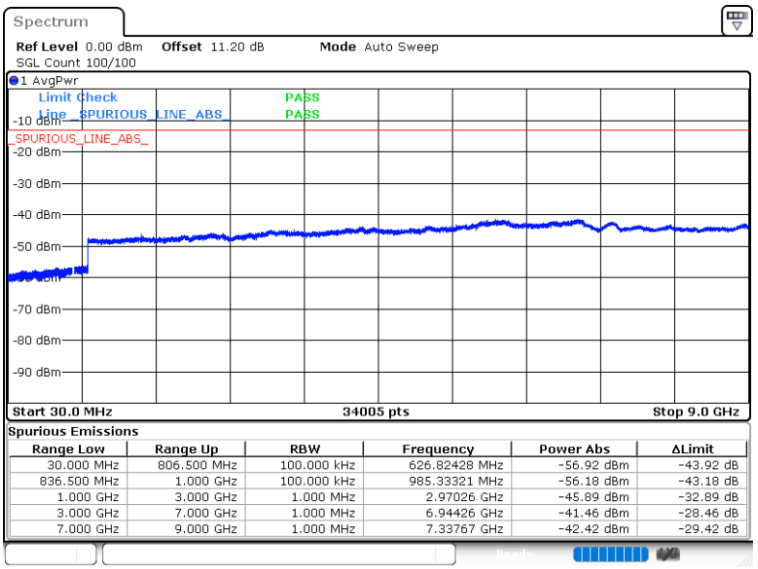


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.47574 MHz	-56.74 dBm	-43.74 dB
836.500 MHz	1.000 GHz	100.000 kHz	850.83996 MHz	-56.05 dBm	-43.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-45.85 dBm	-32.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91976 GHz	-41.47 dBm	-28.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34966 GHz	-42.38 dBm	-29.38 dB

Date: 18.JUN.2022 09:48:28

Highest Channel / QPSK



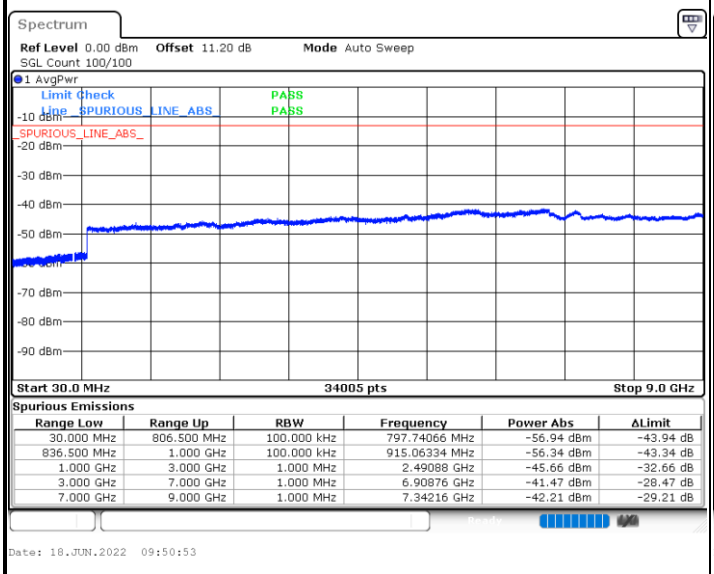
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	626.82428 MHz	-56.92 dBm	-43.92 dB
836.500 MHz	1.000 GHz	100.000 kHz	985.33321 MHz	-56.18 dBm	-43.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97026 GHz	-45.89 dBm	-32.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94426 GHz	-41.46 dBm	-28.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33767 GHz	-42.42 dBm	-29.42 dB

Date: 18.JUN.2022 09:49:38

LTE Band 26 / 5MHz

Lowest Channel / QPSK

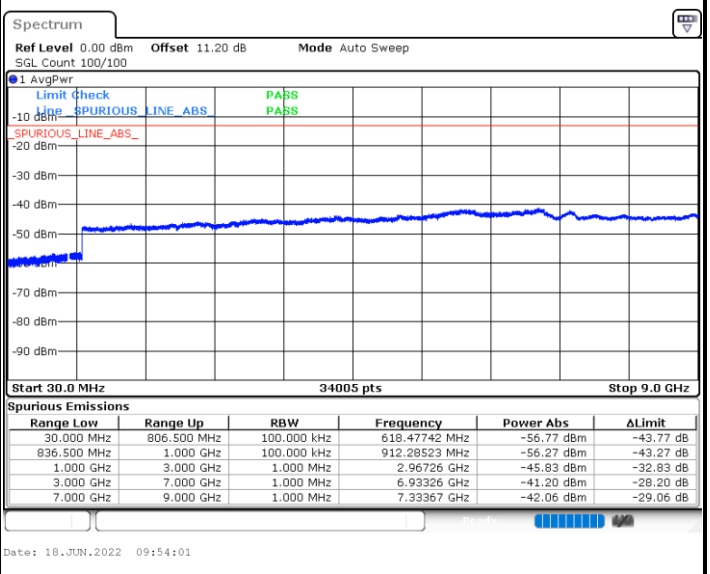


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	797.74066 MHz	-56.94 dBm	-43.94 dB
836.500 MHz	1.000 GHz	100.000 kHz	915.06334 MHz	-56.34 dBm	-43.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49088 GHz	-45.66 dBm	-32.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90876 GHz	-41.47 dBm	-28.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34216 GHz	-42.21 dBm	-29.21 dB

Date: 18.JUN.2022 09:50:53

Middle Channel / QPSK

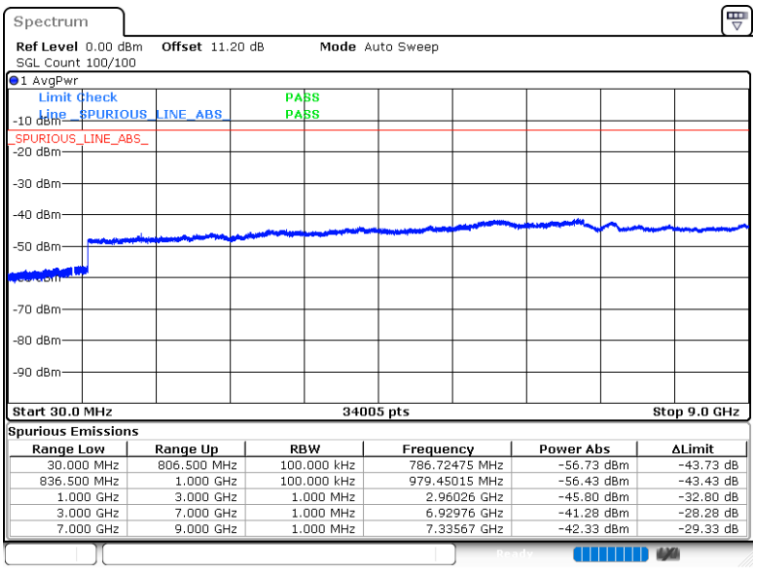


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	618.47742 MHz	-56.77 dBm	-43.77 dB
836.500 MHz	1.000 GHz	100.000 kHz	912.28523 MHz	-56.27 dBm	-43.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96726 GHz	-45.83 dBm	-32.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93326 GHz	-41.20 dBm	-28.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33367 GHz	-42.06 dBm	-29.06 dB

Date: 18.JUN.2022 09:54:01

Highest Channel / QPSK

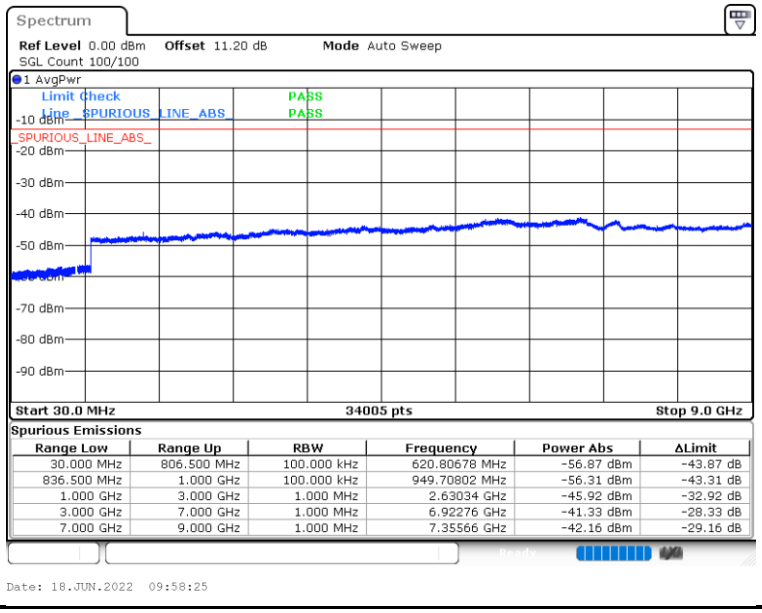


Spurious Emissions

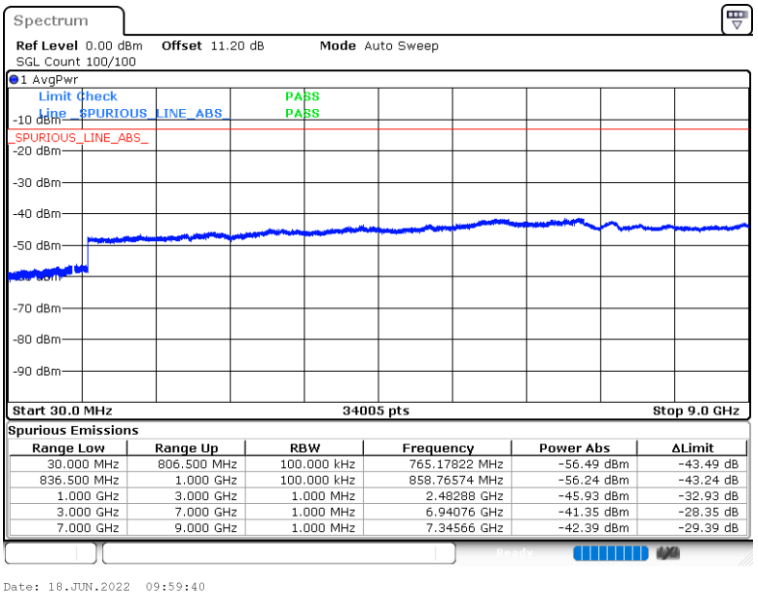
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	786.72475 MHz	-56.73 dBm	-43.73 dB
836.500 MHz	1.000 GHz	100.000 kHz	979.45015 MHz	-56.43 dBm	-43.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96026 GHz	-45.80 dBm	-32.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92976 GHz	-41.28 dBm	-28.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33567 GHz	-42.33 dBm	-29.33 dB

Date: 18.JUN.2022 09:55:12

LTE Band 26 / 10MHz
Middle Channel / QPSK



LTE Band 26 / 15MHz
Middle Channel / QPSK



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	0.0071	PASS
40	Normal Voltage	0.0110	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0173	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0173	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0144	

Note:

1. Normal Voltage = 3.8 V.；Battery End Point (BEP) = 3.4 V.；Maximum Voltage = 4.2 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	0.0011	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0130	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0162	
20	Maximum Voltage	0.0085	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0000	

Note:

1. Normal Voltage = 3.8 V.；Battery End Point (BEP) = 3.4 V.；Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

<Ant. 0>

LTE Band 26

LTE Band 26 / 5MHz / QPSK / 1RB0									
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	1629	-58.59	-13	-45.59	-70.19	-64.94	0.80	9.30	H
	2443	-54.96	-13	-41.96	-69.62	-61.98	1.05	10.22	H
	3257	-53.00	-13	-40.00	-70.65	-61.56	1.11	11.81	H
									H
									H
									H
	1629	-58.12	-13	-45.12	-69.6	-64.47	0.80	9.30	V
	2443	-56.11	-13	-43.11	-70.82	-63.13	1.05	10.22	V
	3257	-53.11	-13	-40.11	-71.04	-61.67	1.11	11.81	V
									V
									V
									V
Middle	1634	-59.09	-13	-46.09	-70.7	-65.45	0.81	9.32	H
	2451	-48.00	-13	-35.00	-62.67	-55.05	1.06	10.26	H
	3267	-53.31	-13	-40.31	-70.98	-61.92	1.11	11.87	H
									H
									H
									H
	1634	-58.99	-13	-45.99	-70.49	-65.35	0.81	9.32	V
	2451	-56.24	-13	-43.24	-70.96	-63.29	1.06	10.26	V
	3267	-52.80	-13	-39.80	-70.75	-61.41	1.11	11.87	V
									V
									V
									V

LTE Band 26 / 5MHz / QPSK / 1RB0									
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)
Highest	1639	-58.64	-13	-45.64	-70.25	-65.02	0.81	9.34	H
	2458	-45.25	-13	-32.25	-59.91	-52.33	1.06	10.29	H
	3277	-52.87	-13	-39.87	-70.54	-61.54	1.11	11.92	H
									H
									H
									H
									H
	1639	-59.03	-13	-46.03	-70.54	-65.41	0.81	9.34	V
	2458	-46.56	-13	-33.56	-61.27	-53.64	1.06	10.29	V
	3277	-52.81	-13	-39.81	-70.77	-61.48	1.11	11.92	V
									V
									V
									V
									V

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