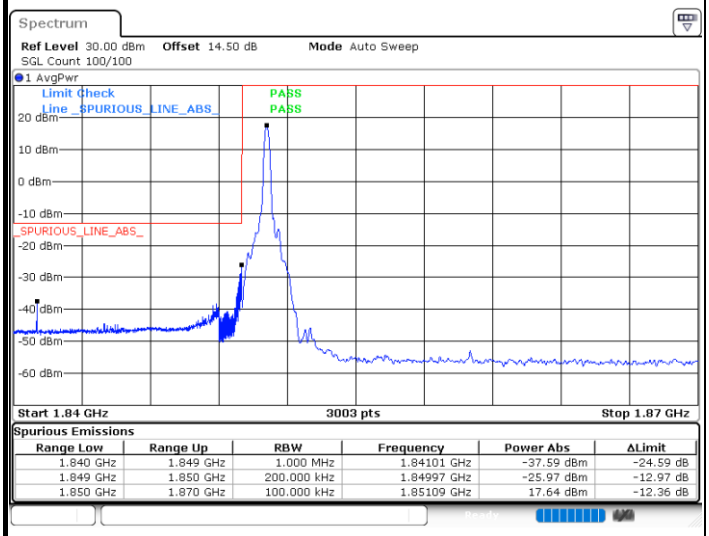
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

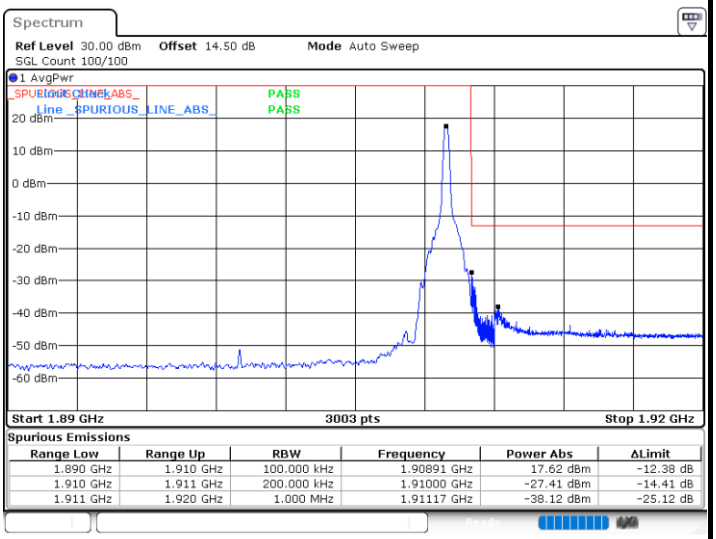


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84101 GHz	-37.59 dBm	-24.59 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84997 GHz	-25.97 dBm	-12.97 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85109 GHz	17.64 dBm	-12.36 dB

Date: 29.DEC.2023 20:12:37

Highest Band Edge / 1 RB

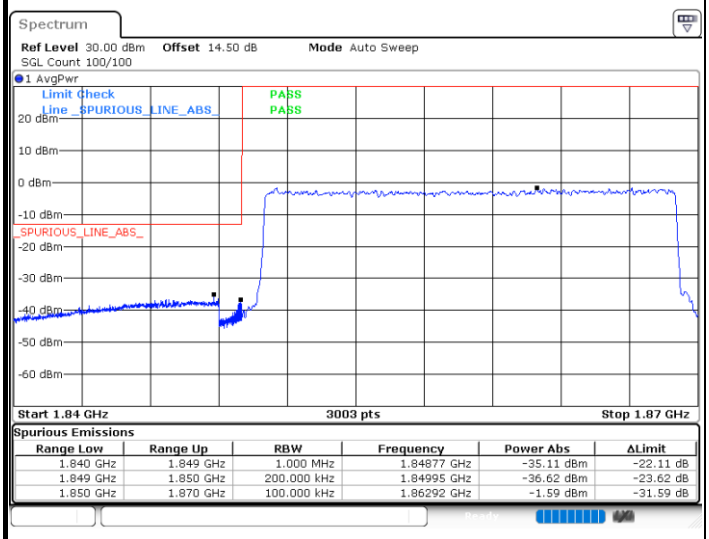


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90891 GHz	17.62 dBm	-12.38 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91000 GHz	-27.41 dBm	-14.41 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91117 GHz	-38.12 dBm	-25.12 dB

Date: 29.DEC.2023 20:23:52

Lowest Band Edge / Full RB

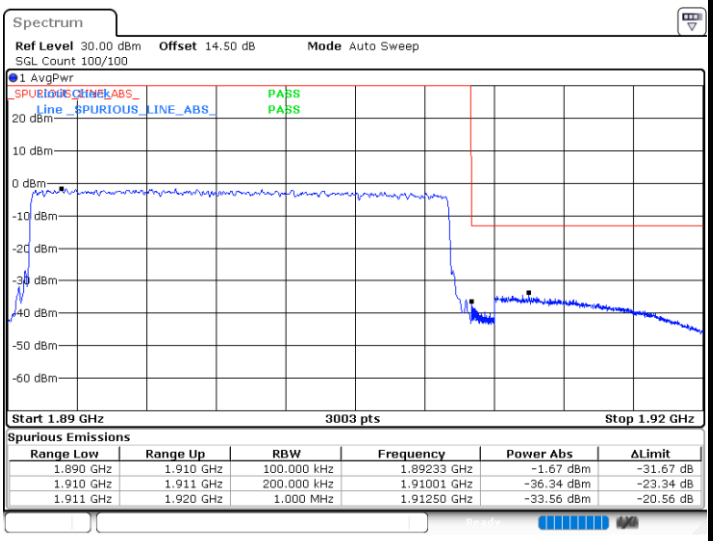


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84877 GHz	-35.11 dBm	-22.11 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84995 GHz	-36.62 dBm	-23.62 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86292 GHz	-1.59 dBm	-31.59 dB

Date: 29.DEC.2023 20:15:41

Highest Band Edge / Full RB



Spurious Emissions

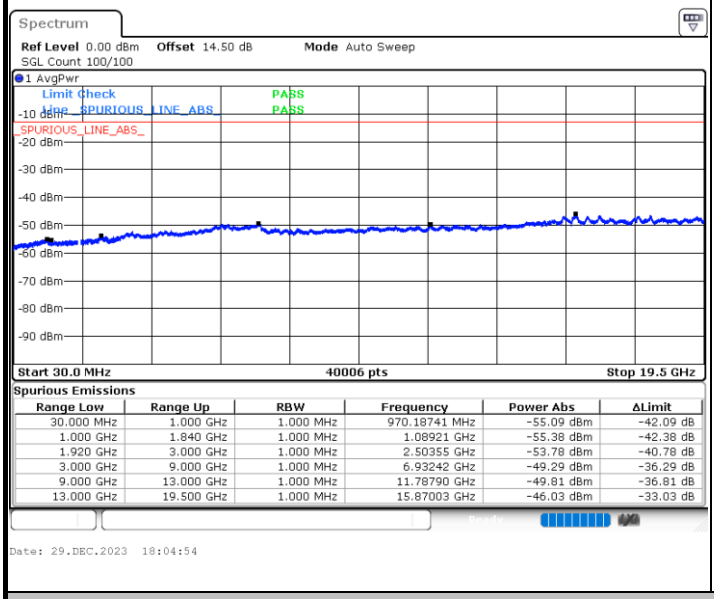
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89233 GHz	-1.67 dBm	-31.67 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-36.34 dBm	-23.34 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91250 GHz	-33.56 dBm	-20.56 dB

Date: 29.DEC.2023 20:26:57

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

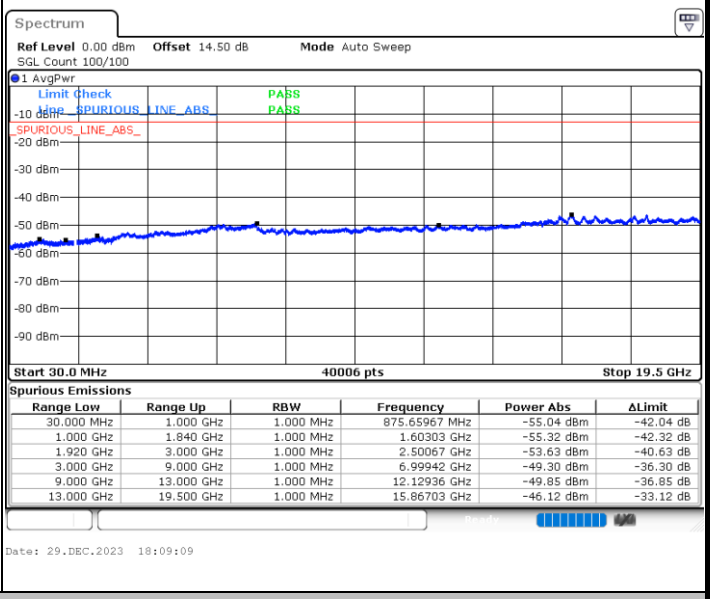


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.18741 MHz	-55.09 dBm	-42.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.08921 GHz	-55.38 dBm	-42.38 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50355 GHz	-53.78 dBm	-40.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93242 GHz	-49.29 dBm	-36.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78790 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87003 GHz	-46.03 dBm	-33.03 dB

Date: 29.DEC.2023 18:04:54

Middle Channel / QPSK

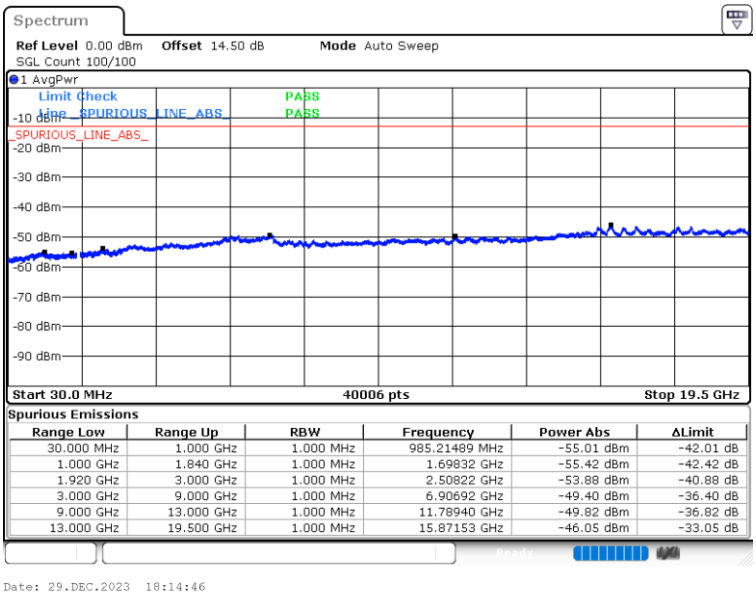


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.65967 MHz	-55.04 dBm	-42.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60303 GHz	-55.32 dBm	-42.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50067 GHz	-53.63 dBm	-40.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-49.30 dBm	-36.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12936 GHz	-49.85 dBm	-36.85 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.86703 GHz	-46.12 dBm	-33.12 dB

Date: 29.DEC.2023 18:09:09

Highest Channel / QPSK



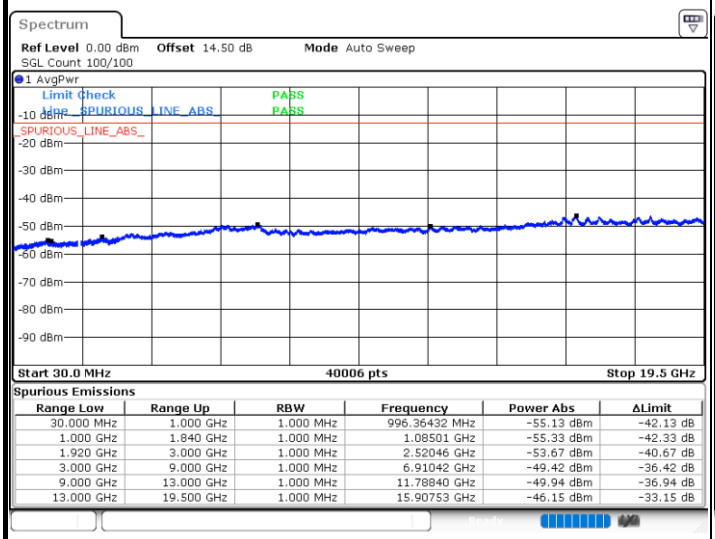
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-55.01 dBm	-42.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69832 GHz	-55.42 dBm	-42.42 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50822 GHz	-53.88 dBm	-40.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90692 GHz	-49.40 dBm	-36.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78940 GHz	-49.82 dBm	-36.82 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87153 GHz	-46.05 dBm	-33.05 dB

Date: 29.DEC.2023 18:14:46

LTE Band 2 / 3MHz

Lowest Channel / QPSK

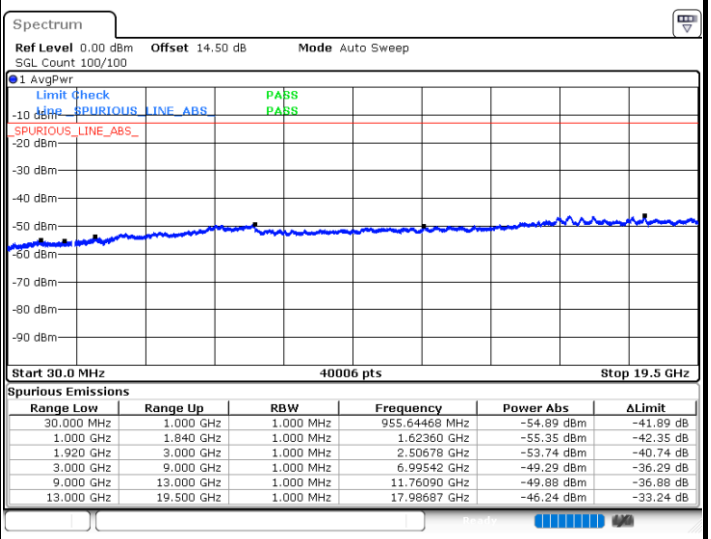


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-55.13 dBm	-42.13 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.08501 GHz	-55.33 dBm	-42.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52046 GHz	-53.67 dBm	-40.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91042 GHz	-49.42 dBm	-36.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78840 GHz	-49.94 dBm	-36.94 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90753 GHz	-46.15 dBm	-33.15 dB

Date: 29.DEC.2023 18:34:27

Middle Channel / QPSK

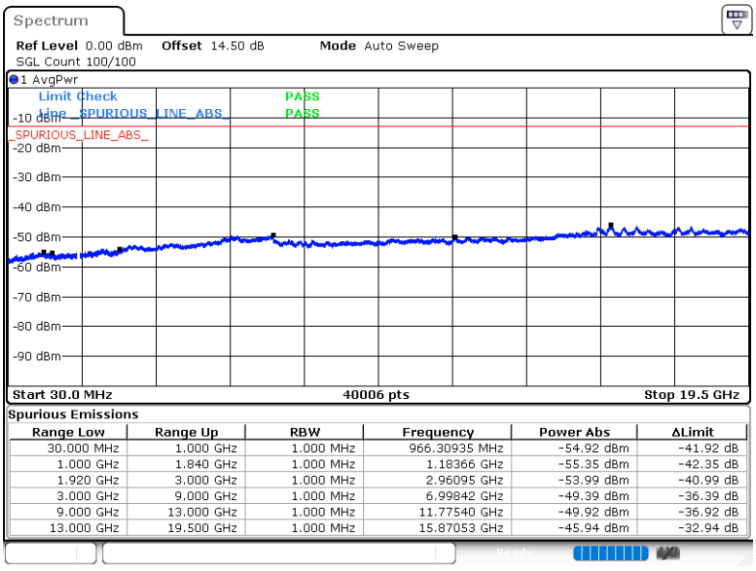


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-54.89 dBm	-41.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62360 GHz	-55.35 dBm	-42.35 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50678 GHz	-53.74 dBm	-40.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-49.29 dBm	-36.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.76090 GHz	-49.88 dBm	-36.88 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.98687 GHz	-46.24 dBm	-33.24 dB

Date: 29.DEC.2023 18:38:41

Highest Channel / QPSK



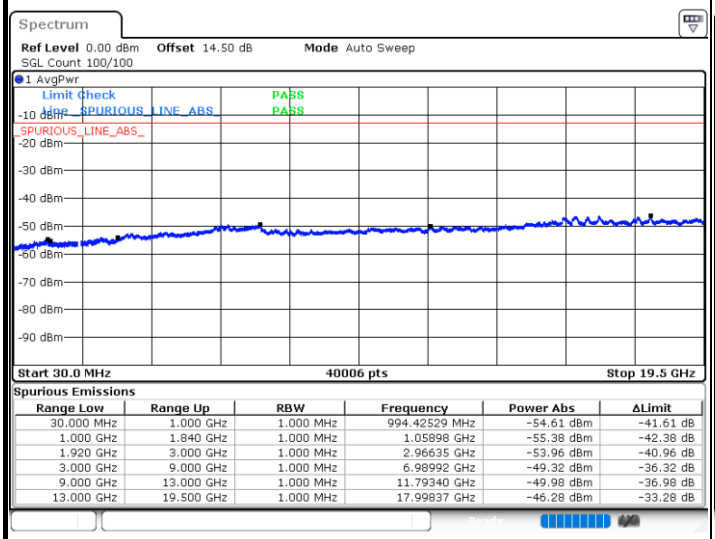
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-54.92 dBm	-41.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.18366 GHz	-55.35 dBm	-42.35 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96095 GHz	-53.99 dBm	-40.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-49.39 dBm	-36.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.77540 GHz	-49.92 dBm	-36.92 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87053 GHz	-45.94 dBm	-32.94 dB

Date: 29.DEC.2023 18:47:23

LTE Band 2 / 5MHz

Lowest Channel / QPSK

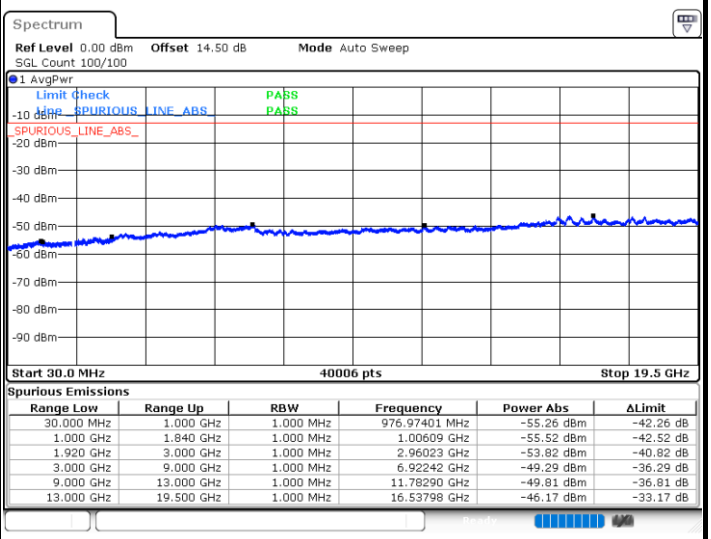


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-54.61 dBm	-41.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.05898 GHz	-55.38 dBm	-42.38 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96635 GHz	-53.96 dBm	-40.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-49.32 dBm	-36.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.79340 GHz	-49.98 dBm	-36.98 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.99837 GHz	-46.28 dBm	-33.28 dB

Date: 29.DEC.2023 19:03:34

Middle Channel / QPSK

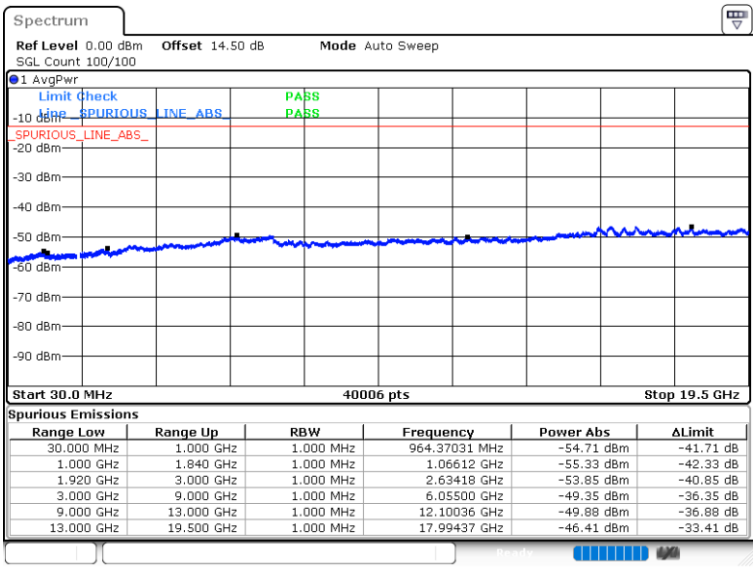


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-55.26 dBm	-42.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.00609 GHz	-55.52 dBm	-42.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96023 GHz	-53.82 dBm	-40.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92242 GHz	-49.29 dBm	-36.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78290 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.53798 GHz	-46.17 dBm	-33.17 dB

Date: 29.DEC.2023 19:07:49

Highest Channel / QPSK



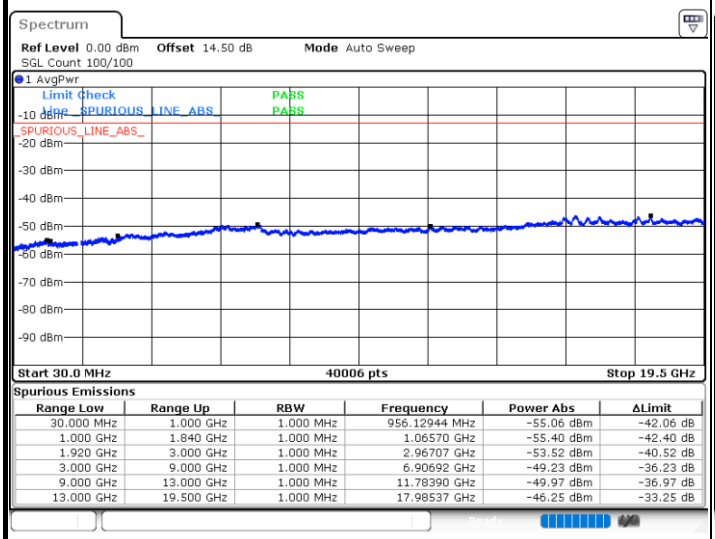
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.06612 GHz	-55.33 dBm	-42.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63418 GHz	-53.85 dBm	-40.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.05500 GHz	-49.35 dBm	-36.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.10036 GHz	-49.88 dBm	-36.88 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.99437 GHz	-46.41 dBm	-33.41 dB

Date: 29.DEC.2023 19:16:31

LTE Band 2 / 10MHz

Lowest Channel / QPSK

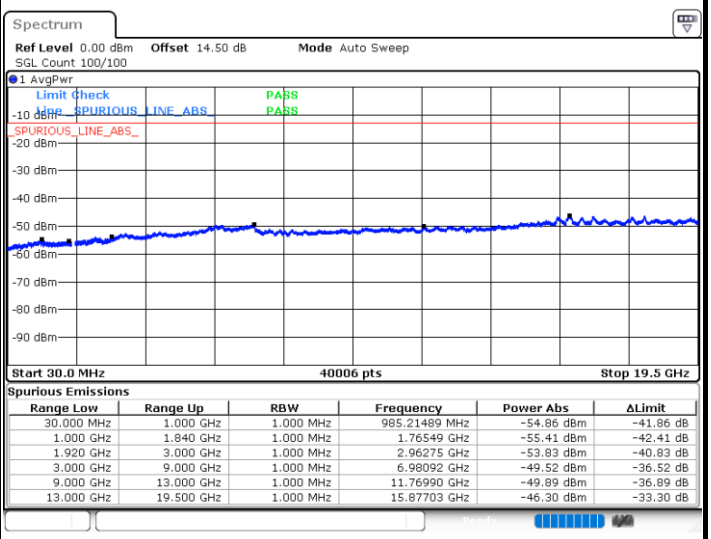


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.12944 MHz	-55.06 dBm	-42.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.06570 GHz	-55.40 dBm	-42.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96707 GHz	-53.52 dBm	-40.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90692 GHz	-49.23 dBm	-36.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78390 GHz	-49.97 dBm	-36.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.98537 GHz	-46.25 dBm	-33.25 dB

Date: 29.DEC.2023 19:32:11

Middle Channel / QPSK

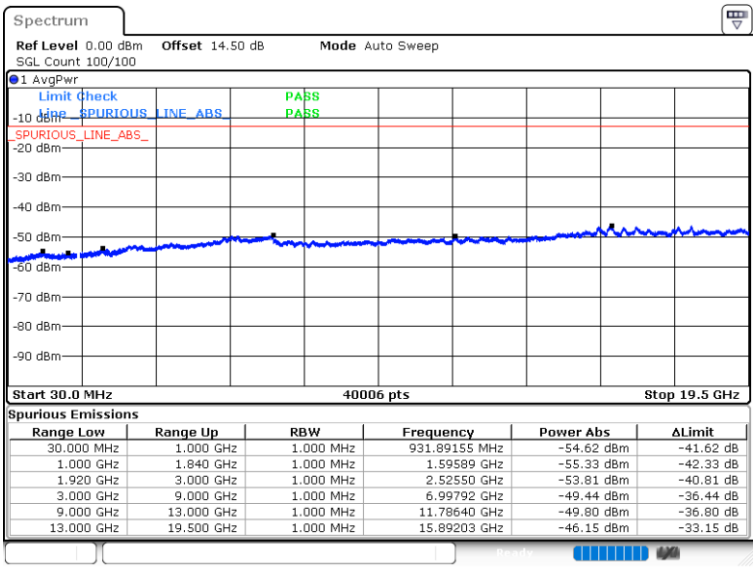


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-54.86 dBm	-41.86 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76549 GHz	-55.41 dBm	-42.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96275 GHz	-53.83 dBm	-40.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98092 GHz	-49.52 dBm	-36.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.76990 GHz	-49.89 dBm	-36.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.87703 GHz	-46.30 dBm	-33.30 dB

Date: 29.DEC.2023 19:33:22

Highest Channel / QPSK



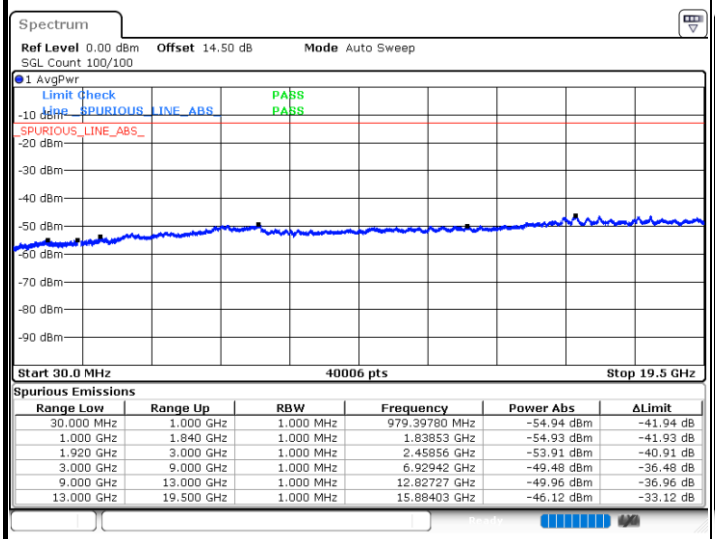
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59589 GHz	-55.33 dBm	-42.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52550 GHz	-53.81 dBm	-40.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-49.44 dBm	-36.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78640 GHz	-49.80 dBm	-36.80 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89203 GHz	-46.15 dBm	-33.15 dB

Date: 29.DEC.2023 19:42:04

LTE Band 2 / 15MHz

Lowest Channel / QPSK

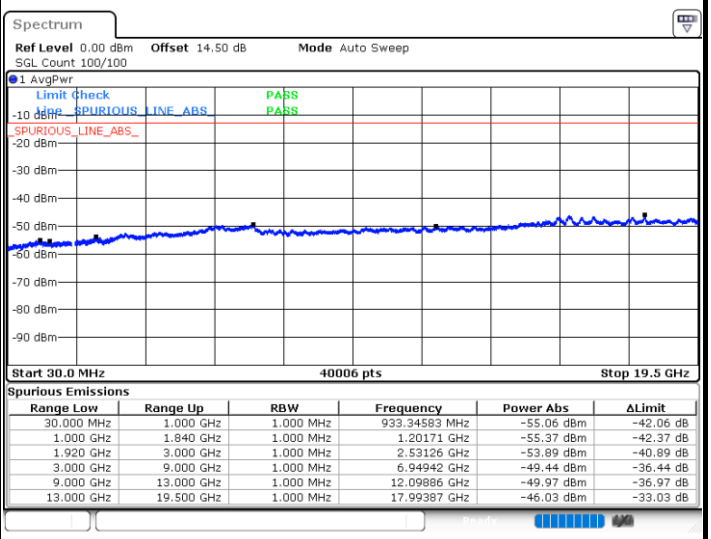


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-54.94 dBm	-41.94 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83853 GHz	-54.93 dBm	-41.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.45856 GHz	-53.91 dBm	-40.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92942 GHz	-49.48 dBm	-36.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82727 GHz	-49.96 dBm	-36.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88403 GHz	-46.12 dBm	-33.12 dB

Date: 29.DEC.2023 19:53:40

Middle Channel / QPSK

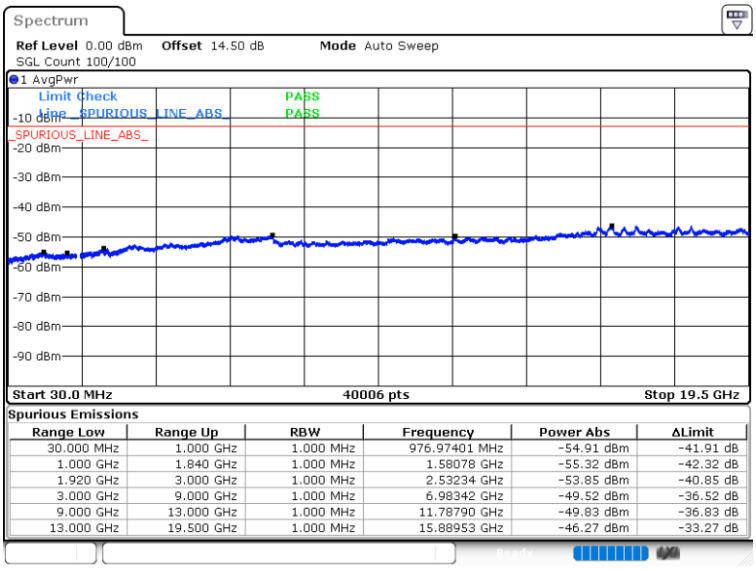


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-55.06 dBm	-42.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.20171 GHz	-55.37 dBm	-42.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.53126 GHz	-53.89 dBm	-40.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94942 GHz	-49.44 dBm	-36.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.09886 GHz	-49.97 dBm	-36.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.99387 GHz	-46.03 dBm	-33.03 dB

Date: 29.DEC.2023 19:54:51

Highest Channel / QPSK



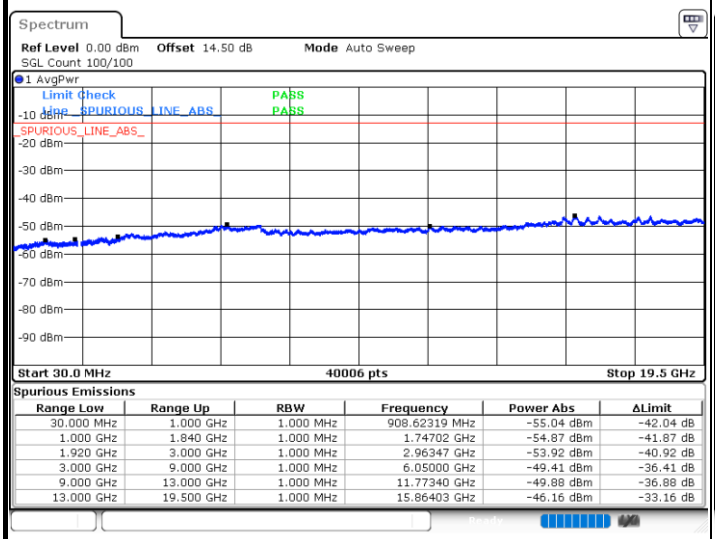
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-54.91 dBm	-41.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.58078 GHz	-55.32 dBm	-42.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.53234 GHz	-53.85 dBm	-40.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98342 GHz	-49.52 dBm	-36.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78790 GHz	-49.83 dBm	-36.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88953 GHz	-46.27 dBm	-33.27 dB

Date: 29.DEC.2023 20:03:33

LTE Band 2 / 20MHz

Lowest Channel / QPSK

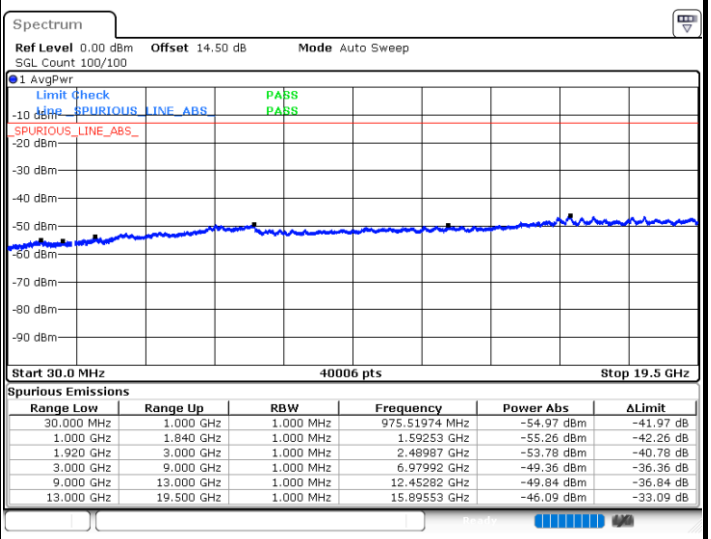


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-55.04 dBm	-42.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74702 GHz	-54.87 dBm	-41.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96347 GHz	-53.92 dBm	-40.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.05000 GHz	-49.41 dBm	-36.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.77340 GHz	-49.88 dBm	-36.88 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.86403 GHz	-46.16 dBm	-33.16 dB

Date: 29.DEC.2023 20:16:53

Middle Channel / QPSK

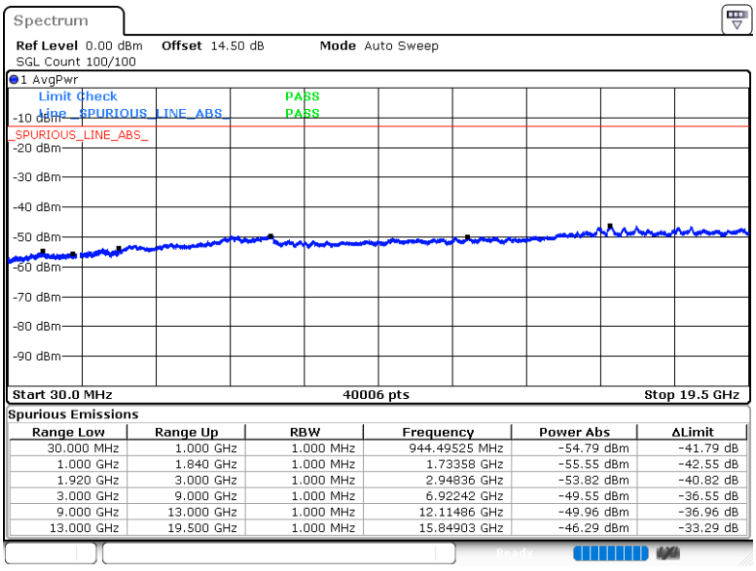


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.51974 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59253 GHz	-55.26 dBm	-42.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.48987 GHz	-53.78 dBm	-40.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97992 GHz	-49.36 dBm	-36.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45282 GHz	-49.84 dBm	-36.84 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89553 GHz	-46.09 dBm	-33.09 dB

Date: 29.DEC.2023 20:18:03

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-54.79 dBm	-41.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73358 GHz	-55.55 dBm	-42.55 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94836 GHz	-53.82 dBm	-40.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92242 GHz	-49.55 dBm	-36.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11486 GHz	-49.96 dBm	-36.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.84903 GHz	-46.29 dBm	-33.29 dB

Date: 29.DEC.2023 20:28:09

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

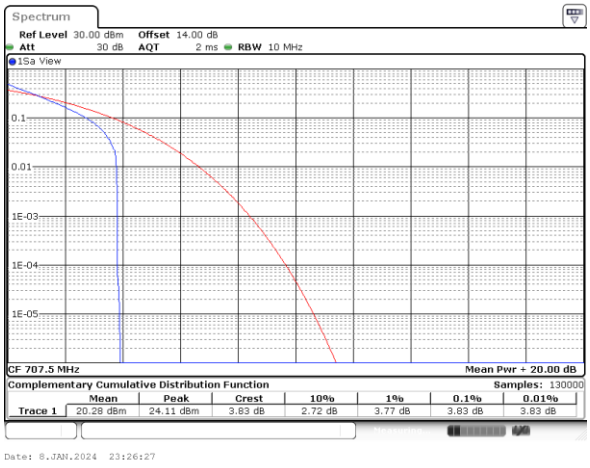
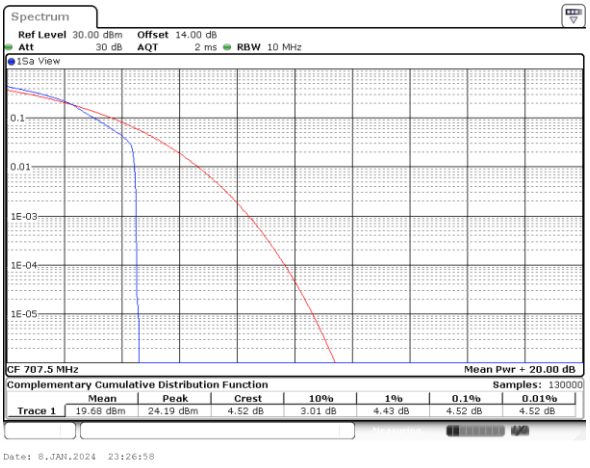
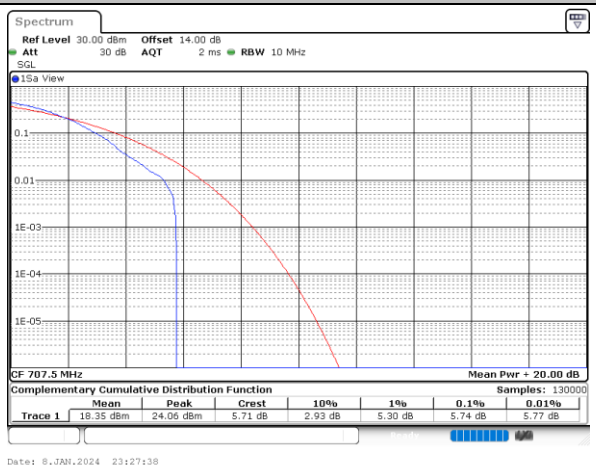
Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	3.83	4.52	5.74	PASS

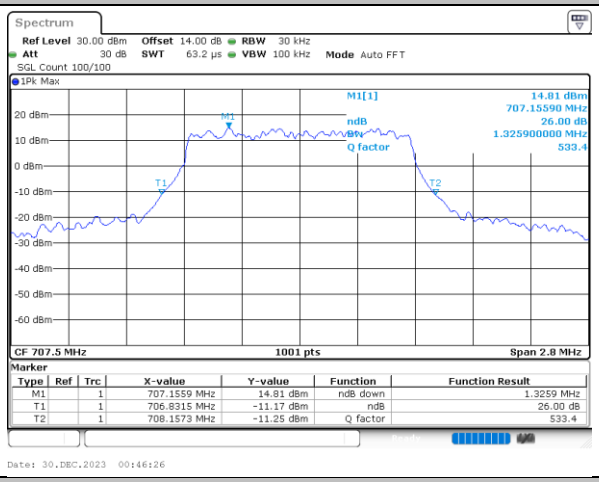
LTE Band 12 / 10MHz / QPSK	LTE Band 12 / 10MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 12 / 10MHz / 64QAM	**NA**
Middle Channel / Full RB	
	

26dB Bandwidth

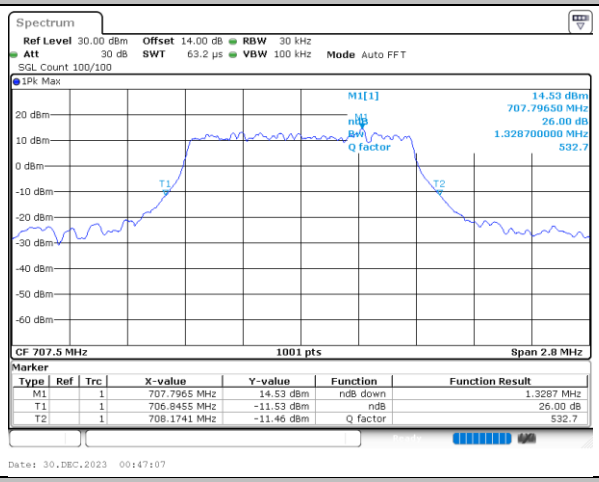
Mode	LTE Band 12 : 26dB BW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.33	1.33	3.06	3.10	5.05	5.12	9.67	9.97

LTE Band 12

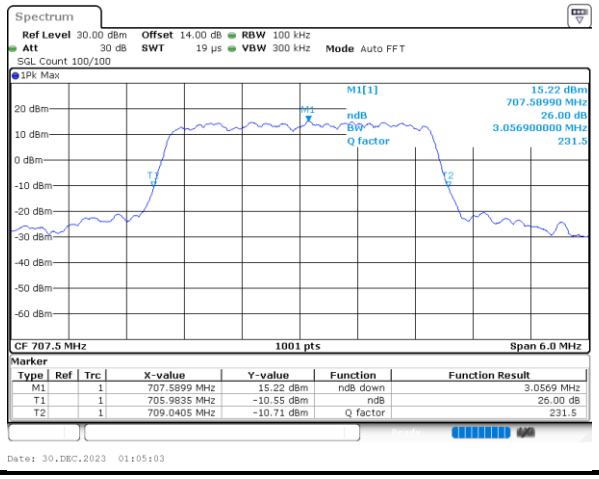
Middle Channel / 1.4MHz / QPSK



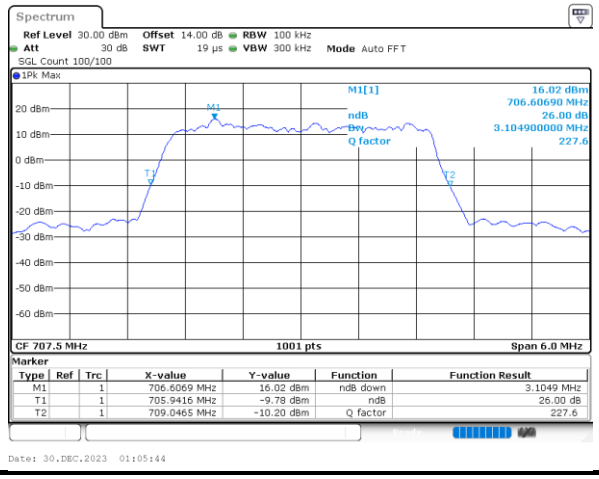
Middle Channel / 1.4MHz / 16QAM

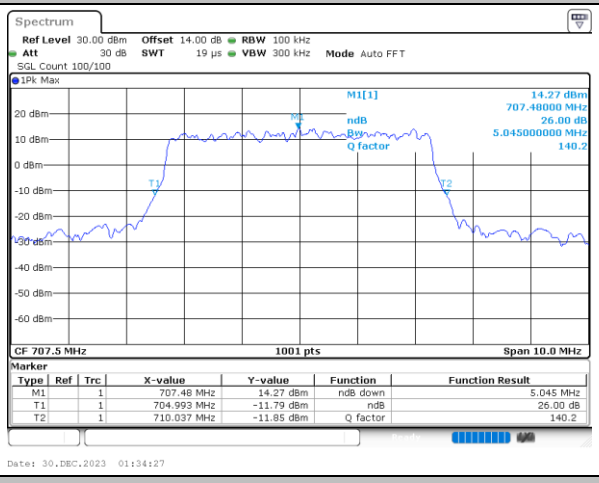
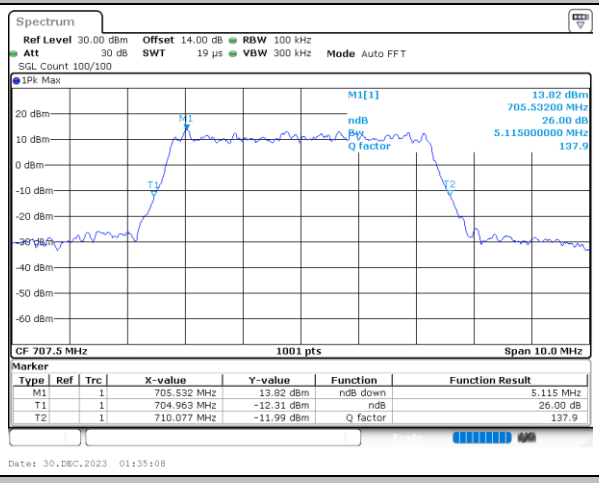


Middle Channel / 3MHz / QPSK

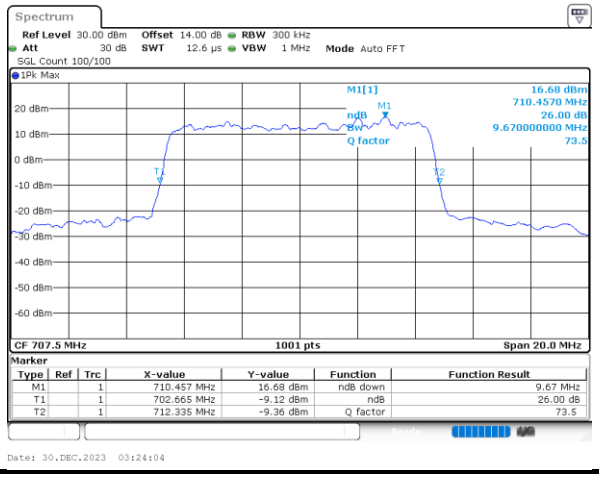
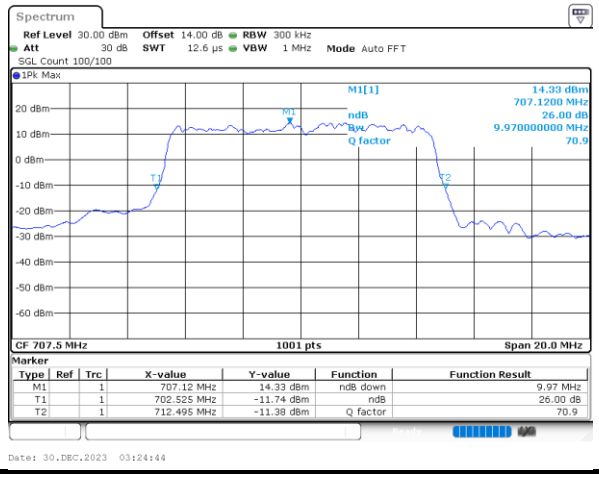


Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM
	

LTE Band 12

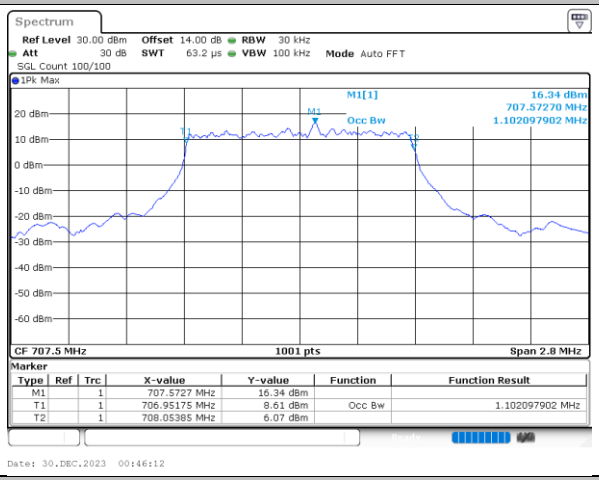
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM
	

Occupied Bandwidth

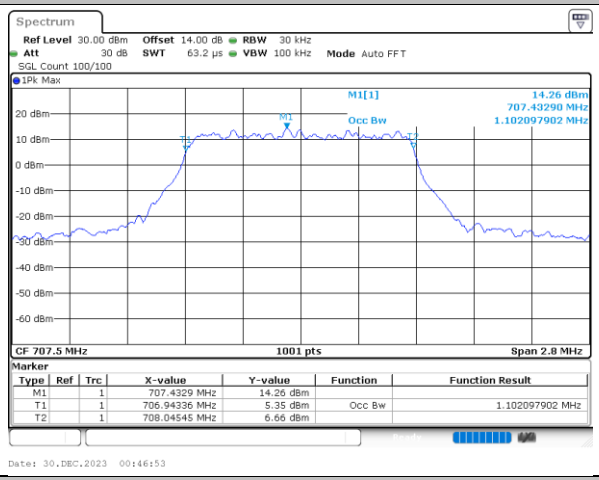
Mode	LTE Band 12 : 99%OBW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.10	2.72	2.72	4.55	4.51	9.09	9.05

LTE Band 12

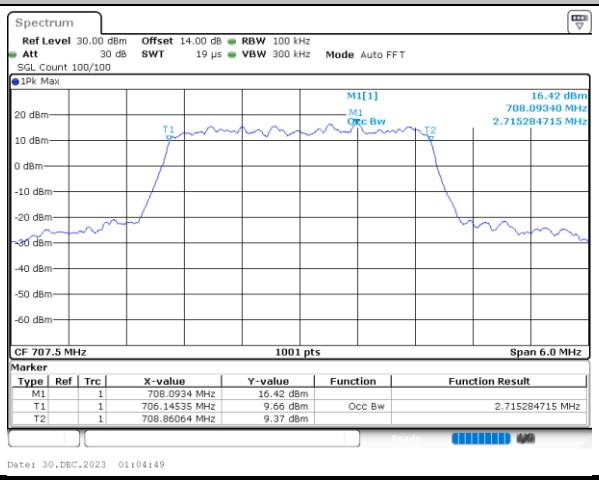
Middle Channel / 1.4MHz / QPSK



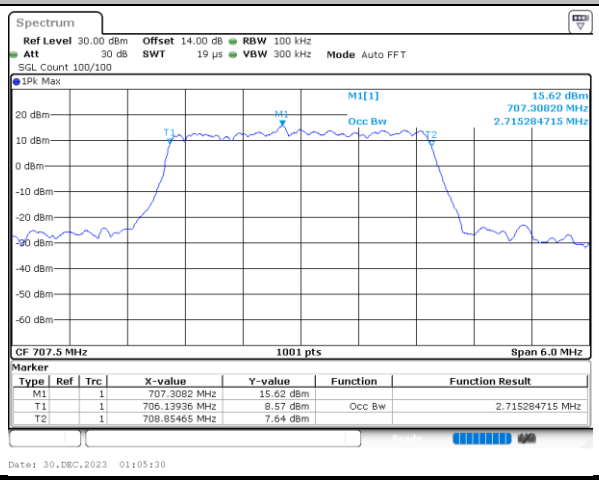
Middle Channel / 1.4MHz / 16QAM

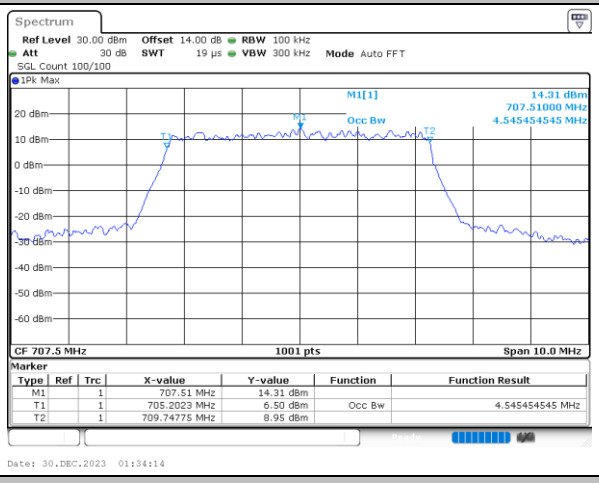
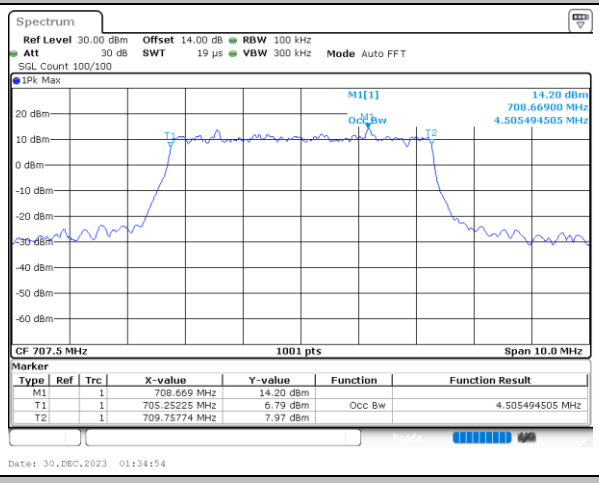


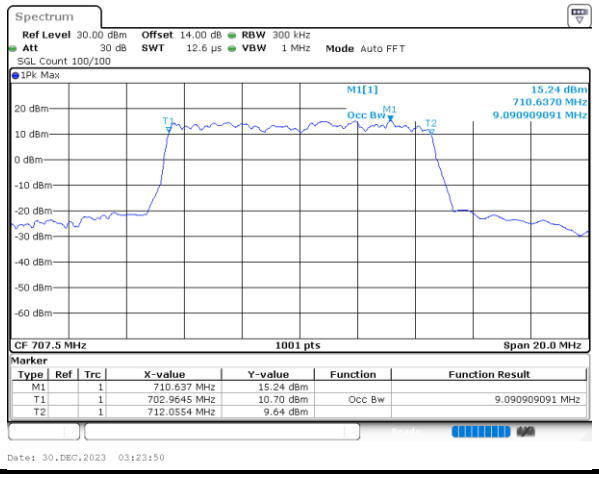
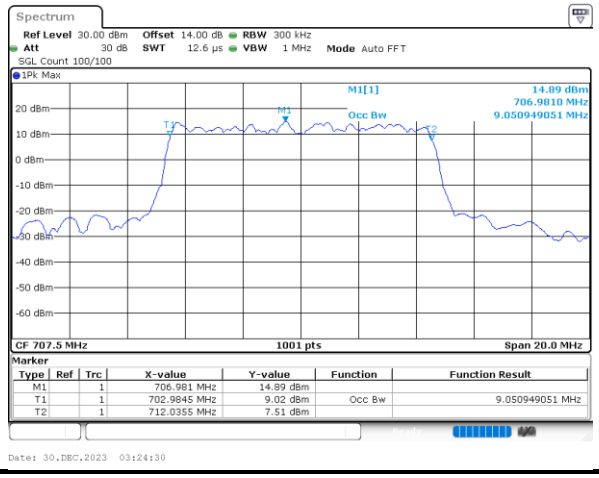
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



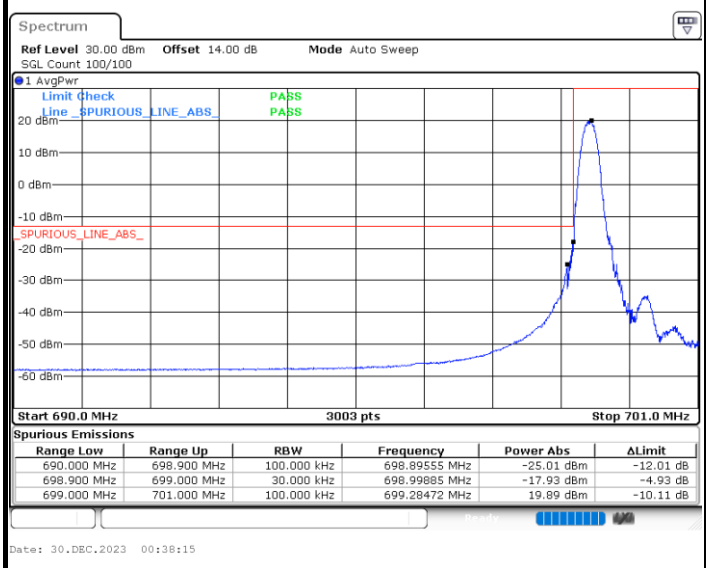
Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM
	

LTE Band 12	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

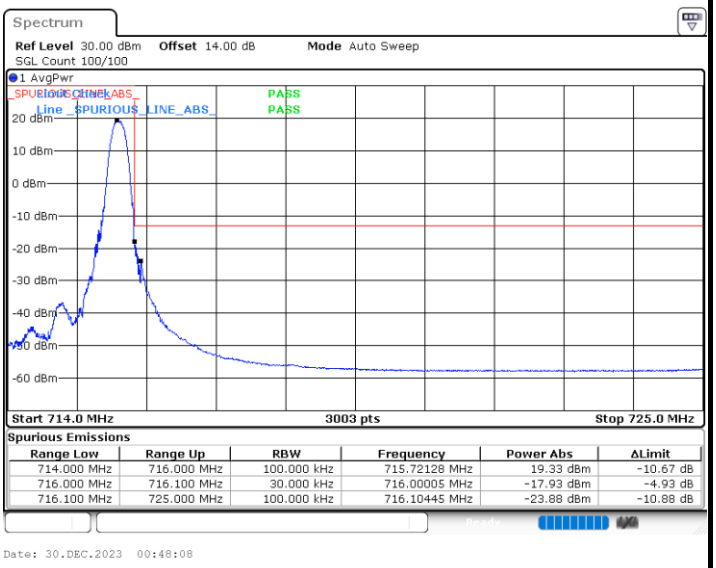
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

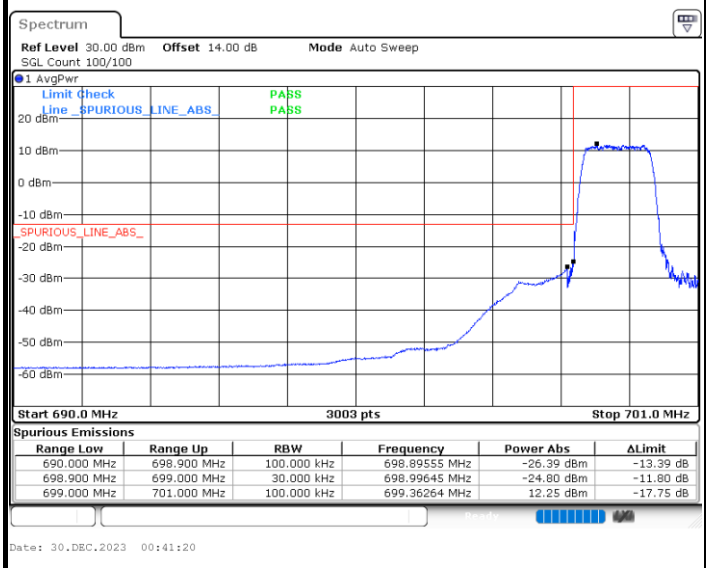
Lowest Band Edge / 1RB



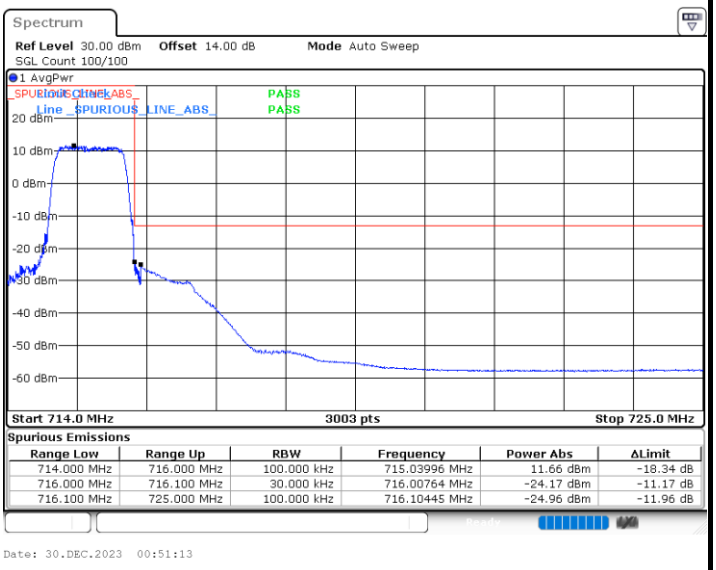
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

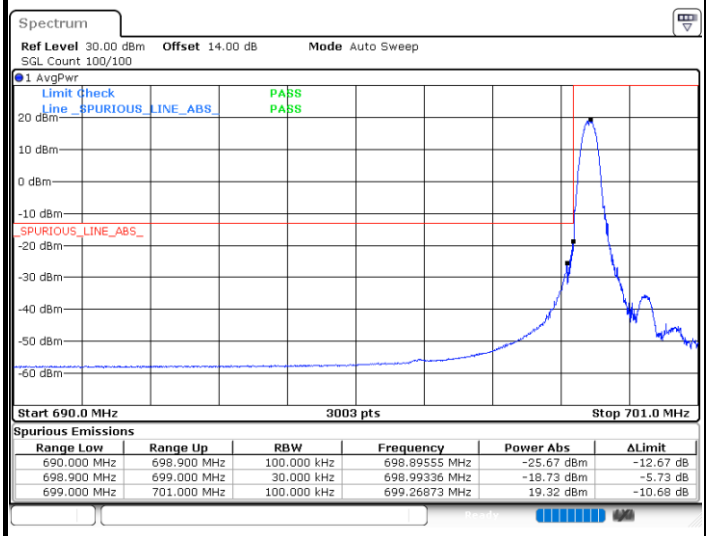


Highest Band Edge / Full RB



LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

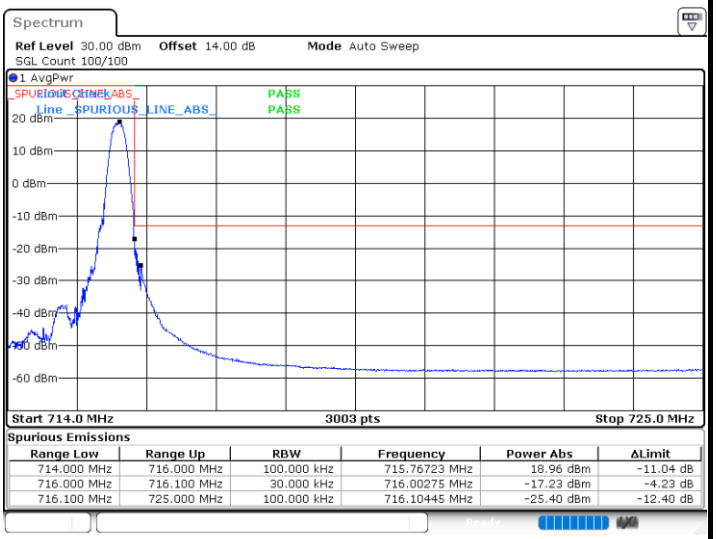


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.67 dBm	-12.67 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99336 MHz	-18.73 dBm	-5.73 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26873 MHz	19.32 dBm	-10.68 dB

Date: 30.DEC.2023 00:39:17

Highest Band Edge / 1 RB

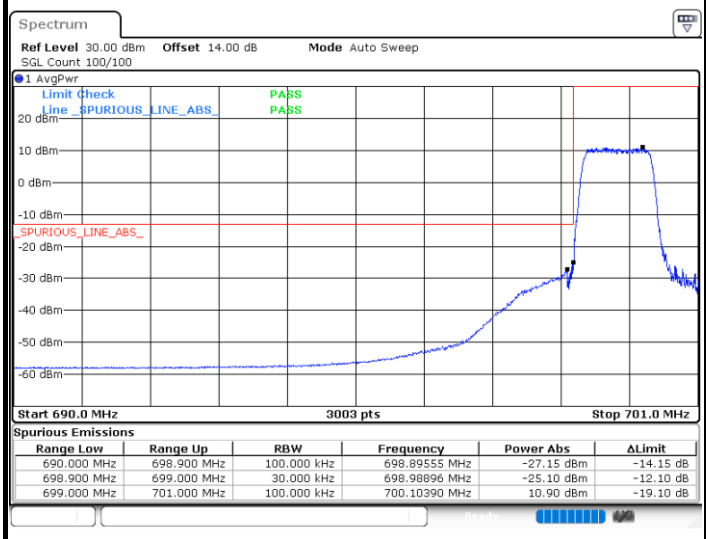


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.76723 MHz	18.96 dBm	-11.04 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00275 MHz	-17.23 dBm	-4.23 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.40 dBm	-12.40 dB

Date: 30.DEC.2023 00:49:09

Lowest Band Edge / Full RB

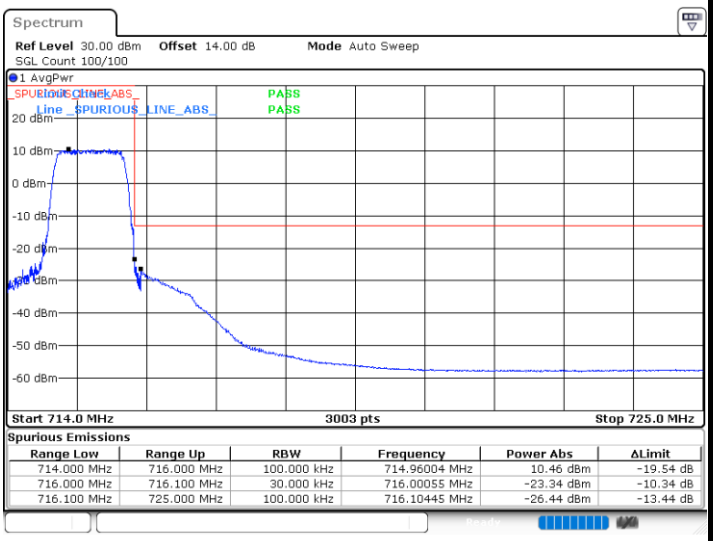


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.15 dBm	-14.15 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98896 MHz	-25.10 dBm	-12.10 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.10390 MHz	10.90 dBm	-19.10 dB

Date: 30.DEC.2023 00:42:22

Highest Band Edge / Full RB



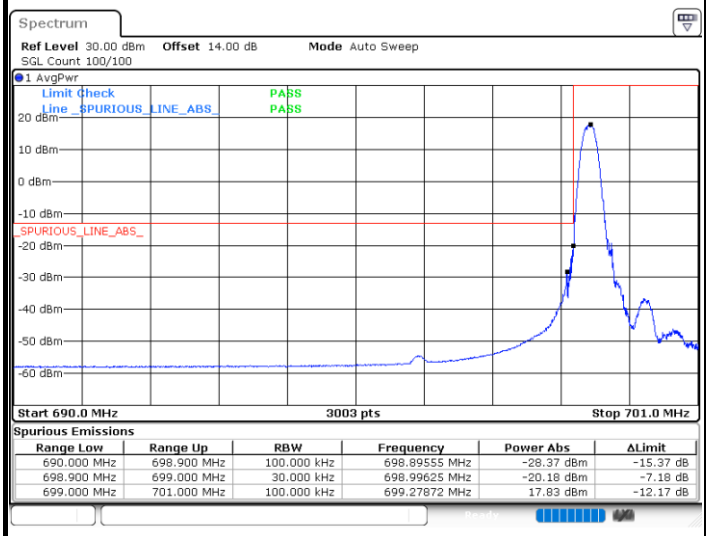
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.96004 MHz	10.46 dBm	-19.54 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-23.34 dBm	-10.34 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.44 dBm	-13.44 dB

Date: 30.DEC.2023 00:52:14

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

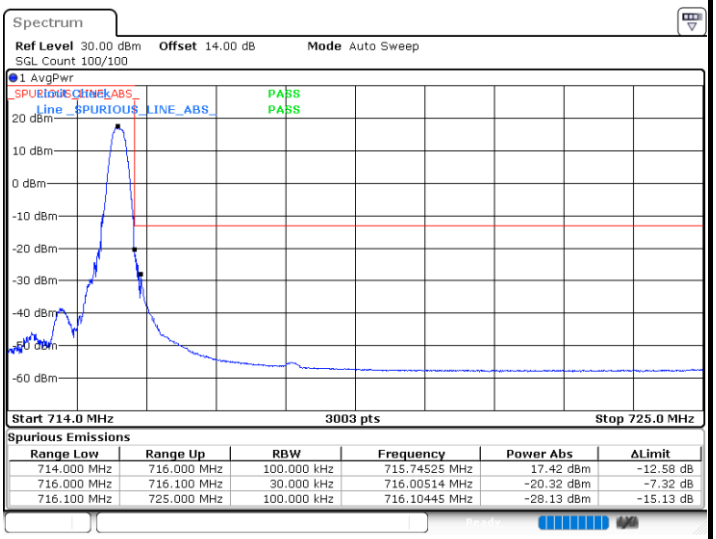


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.37 dBm	-15.37 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99625 MHz	-20.18 dBm	-7.18 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.27872 MHz	17.83 dBm	-12.17 dB

Date: 30.DEC.2023 00:40:19

Highest Band Edge / 1 RB

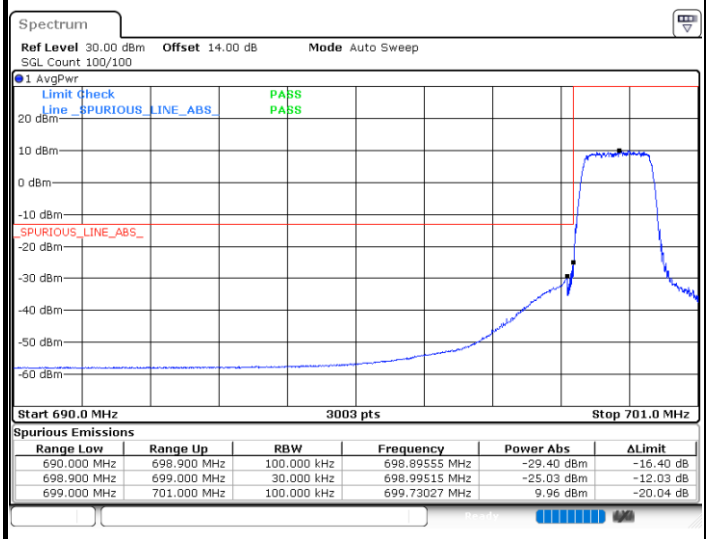


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74525 MHz	17.42 dBm	-12.58 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00514 MHz	-20.32 dBm	-7.32 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.13 dBm	-15.13 dB

Date: 30.DEC.2023 00:50:11

Lowest Band Edge / Full RB

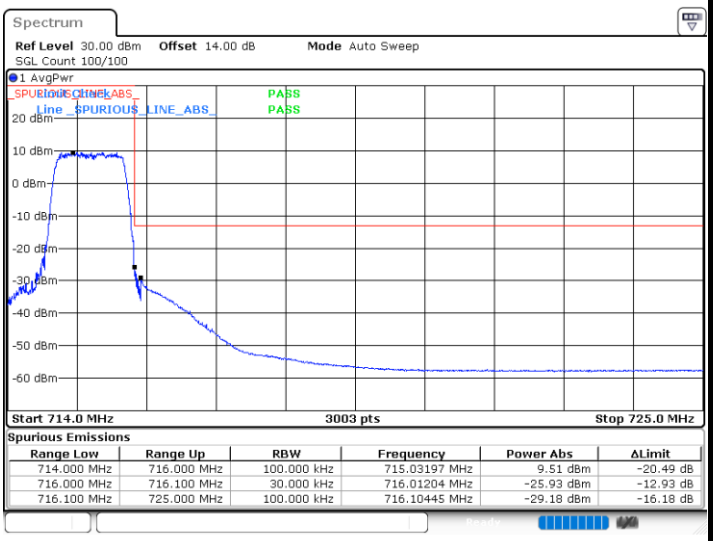


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.40 dBm	-16.40 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99515 MHz	-25.03 dBm	-12.03 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.73027 MHz	9.96 dBm	-20.04 dB

Date: 30.DEC.2023 00:43:24

Highest Band Edge / Full RB



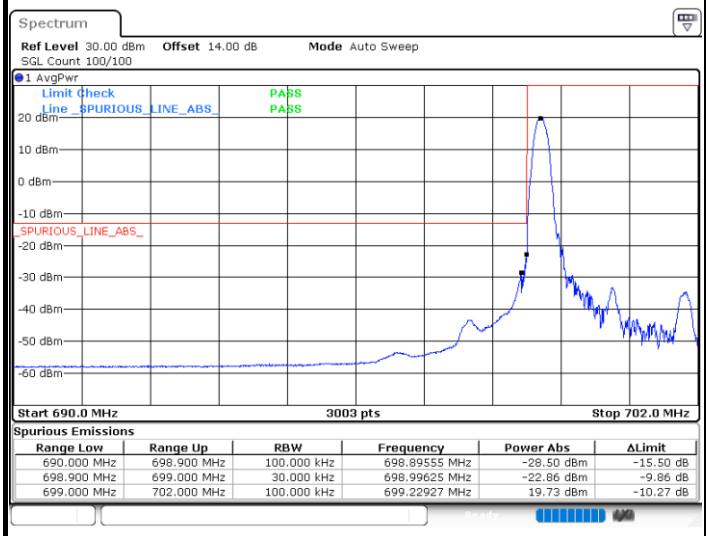
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.03197 MHz	9.51 dBm	-20.49 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01204 MHz	-25.93 dBm	-12.93 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.18 dBm	-16.18 dB

Date: 30.DEC.2023 00:53:16

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

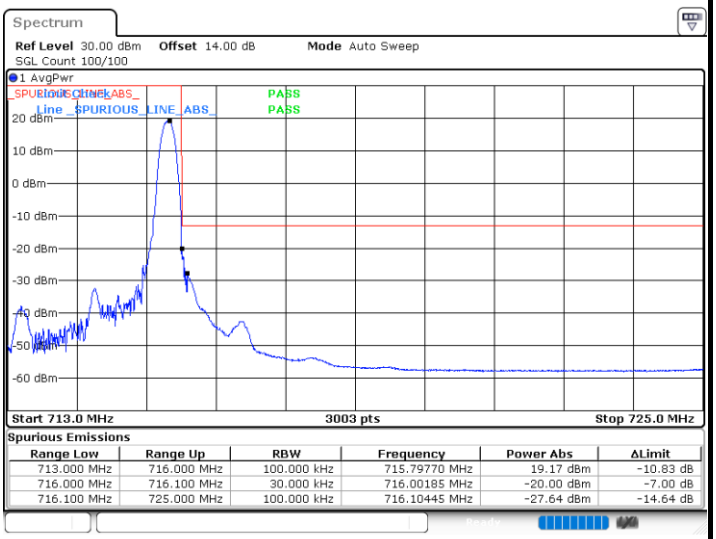


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.50 dBm	-15.50 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99625 MHz	-22.86 dBm	-9.86 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22927 MHz	19.73 dBm	-10.27 dB

Date: 30.DEC.2023 00:56:52

Highest Band Edge / 1RB

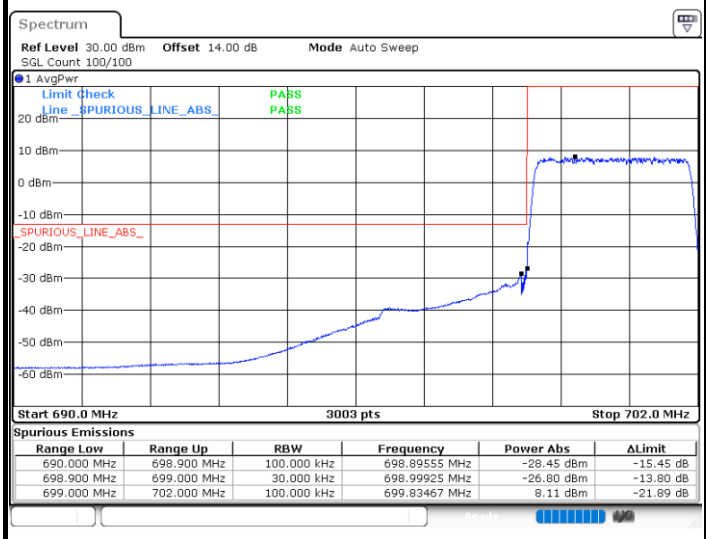


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.79770 MHz	19.17 dBm	-10.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00185 MHz	-20.00 dBm	-7.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.64 dBm	-14.64 dB

Date: 30.DEC.2023 01:06:44

Lowest Band Edge / Full RB

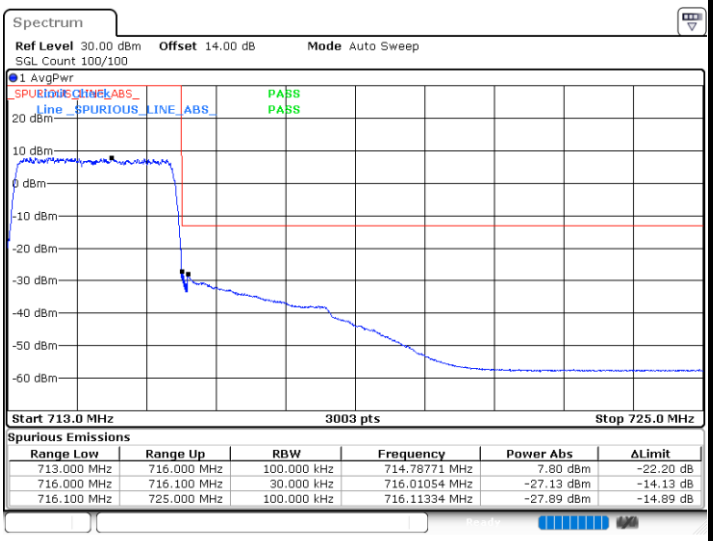


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.45 dBm	-15.45 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-26.80 dBm	-13.80 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.83467 MHz	8.11 dBm	-21.89 dB

Date: 30.DEC.2023 00:59:57

Highest Band Edge / Full RB



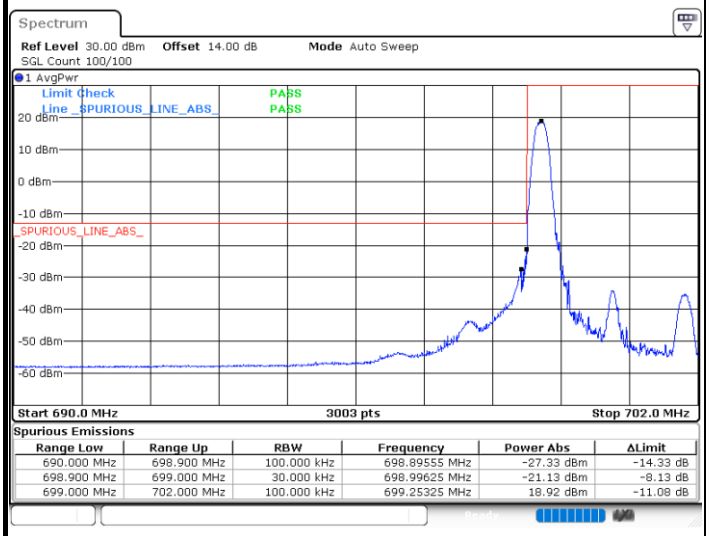
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.78771 MHz	7.80 dBm	-22.20 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01054 MHz	-27.13 dBm	-14.13 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-27.89 dBm	-14.89 dB

Date: 30.DEC.2023 01:09:49

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

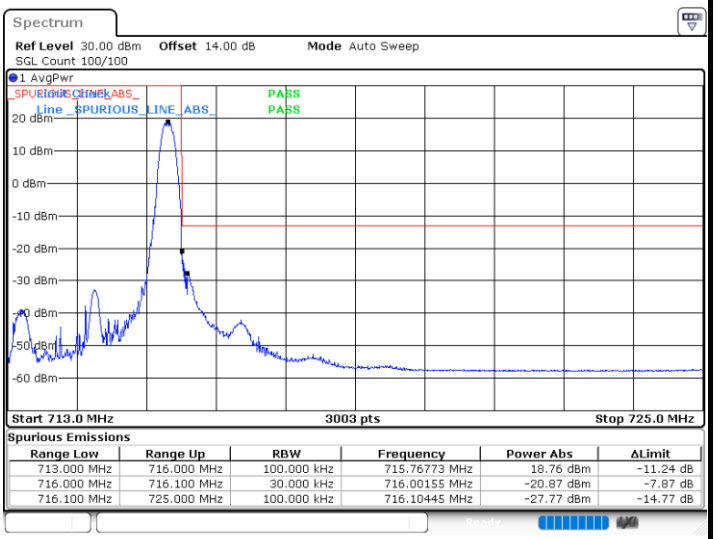


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.33 dBm	-14.33 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99625 MHz	-21.13 dBm	-8.13 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25325 MHz	18.92 dBm	-11.08 dB

Date: 30.DEC.2023 00:57:54

Highest Band Edge / 1 RB

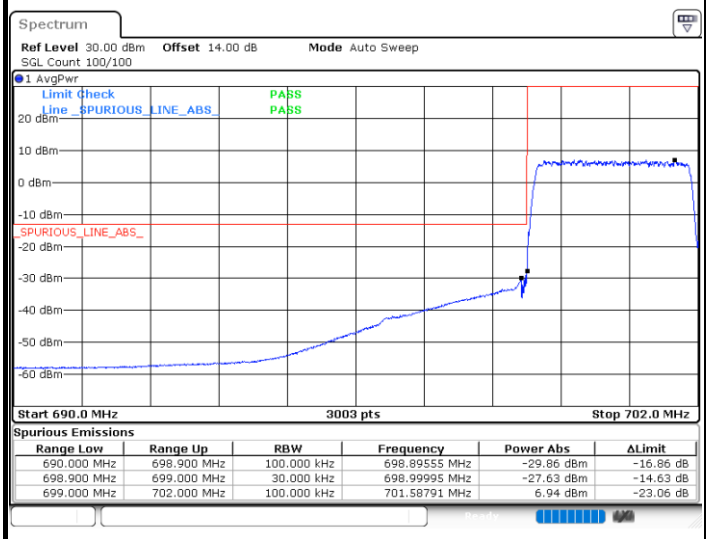


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.76773 MHz	18.76 dBm	-11.24 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-20.87 dBm	-7.87 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.77 dBm	-14.77 dB

Date: 30.DEC.2023 01:07:46

Lowest Band Edge / Full RB

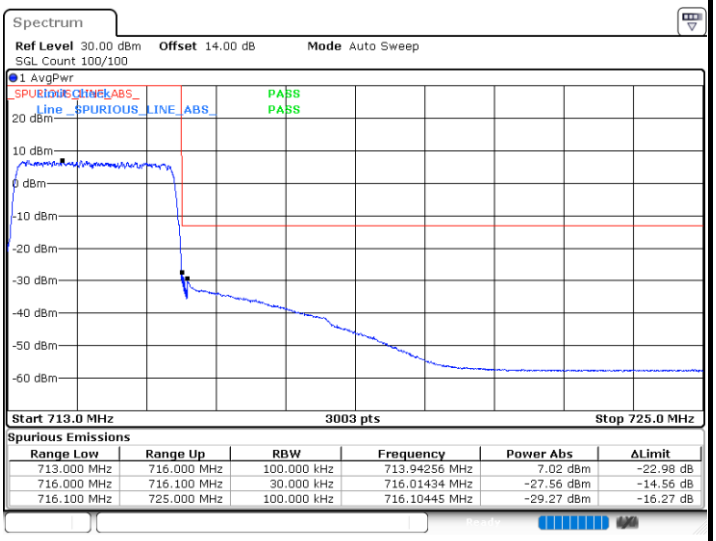


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.86 dBm	-16.86 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-27.63 dBm	-14.63 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.58791 MHz	6.94 dBm	-23.06 dB

Date: 30.DEC.2023 01:00:59

Highest Band Edge / Full RB



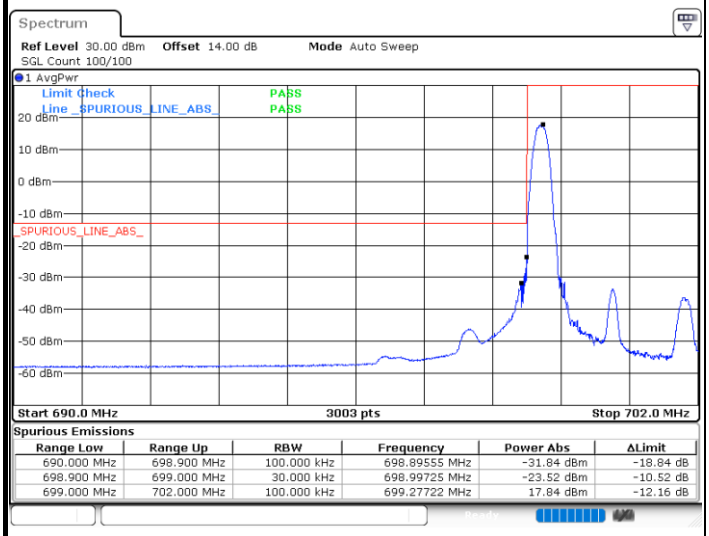
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.94256 MHz	7.02 dBm	-22.98 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01434 MHz	-27.56 dBm	-14.56 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.27 dBm	-16.27 dB

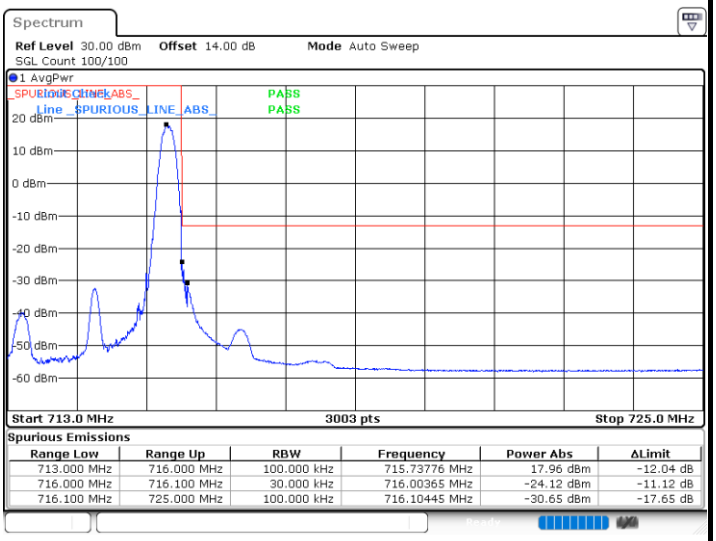
Date: 30.DEC.2023 01:10:51

LTE Band 12 / 3MHz / 64QAM

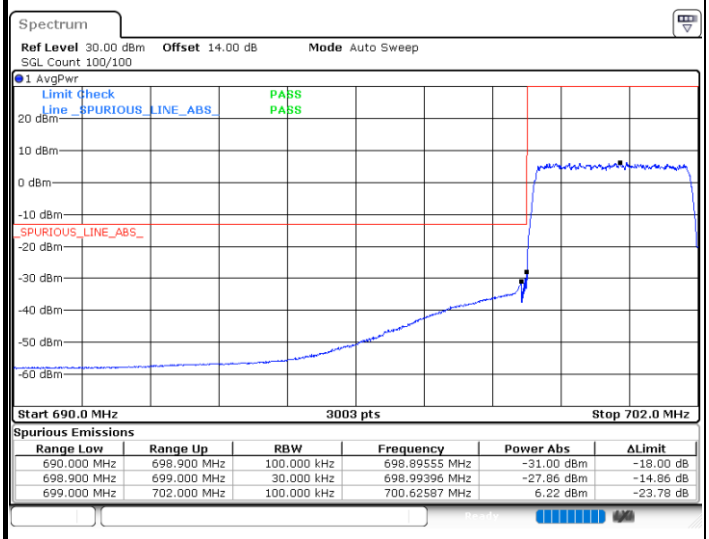
Lowest Band Edge / 1 RB



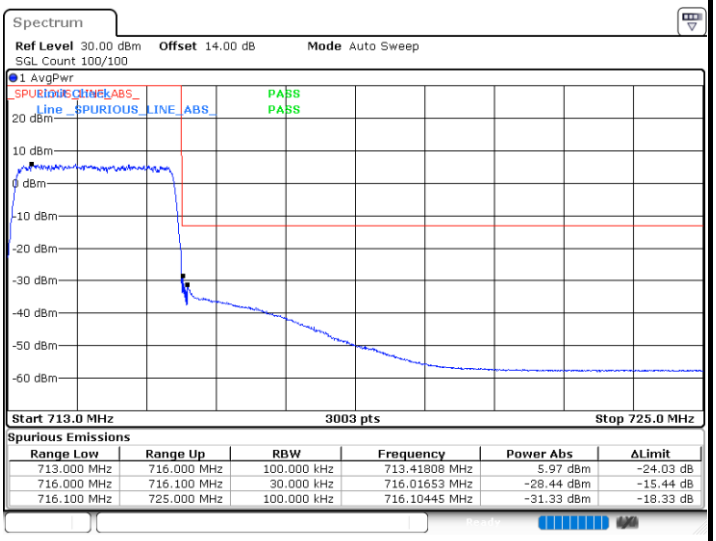
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

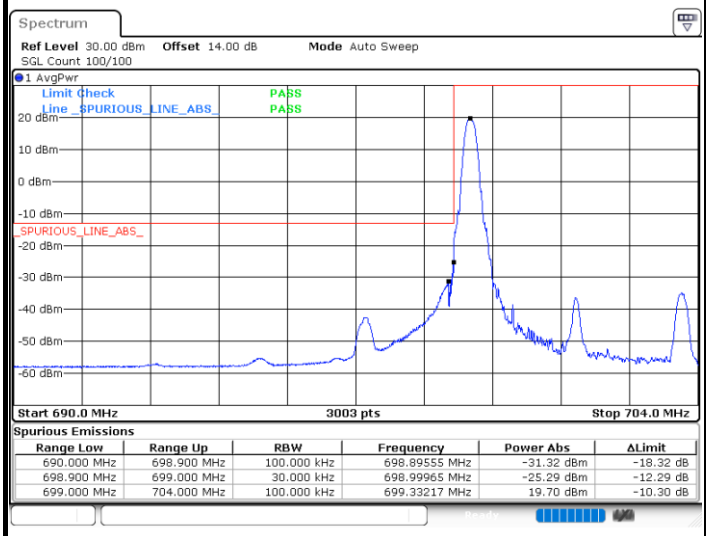


Highest Band Edge / Full RB



LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1RB

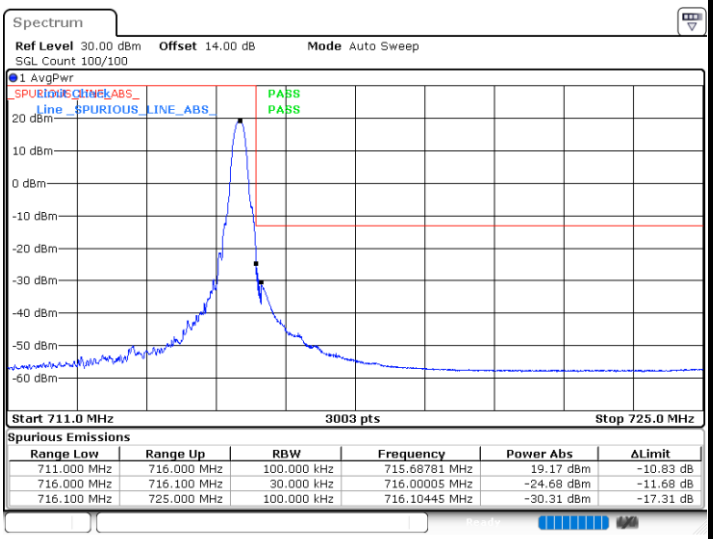


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.32 dBm	-18.32 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-25.29 dBm	-12.29 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.33217 MHz	19.70 dBm	-10.30 dB

Date: 30.DEC.2023 01:26:17

Highest Band Edge / 1RB

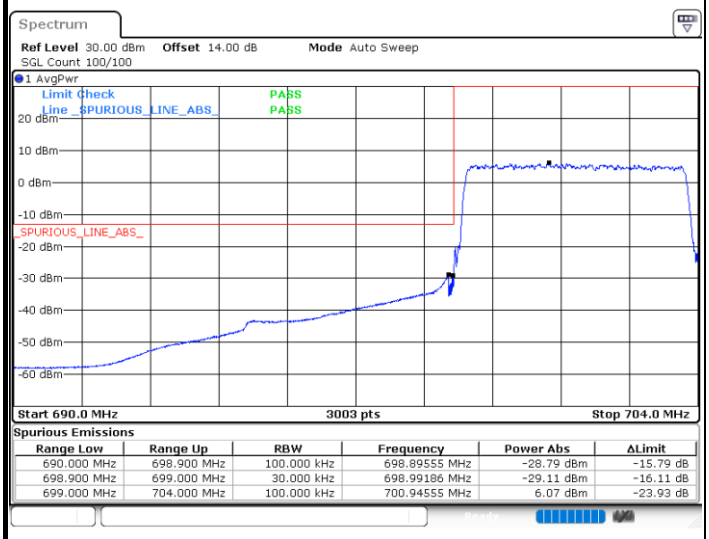


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.68781 MHz	19.17 dBm	-10.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-24.68 dBm	-11.68 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.31 dBm	-17.31 dB

Date: 30.DEC.2023 01:36:09

Lowest Band Edge / Full RB

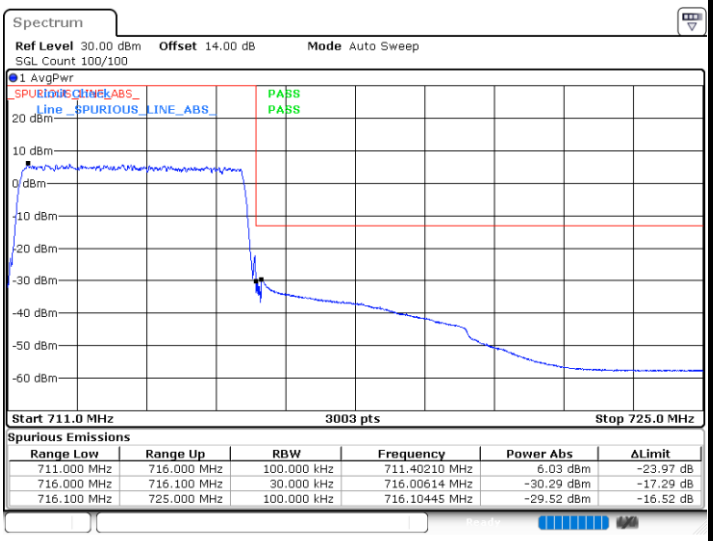


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.79 dBm	-15.79 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99186 MHz	-29.11 dBm	-16.11 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.94555 MHz	6.07 dBm	-23.93 dB

Date: 30.DEC.2023 01:29:22

Highest Band Edge / Full RB



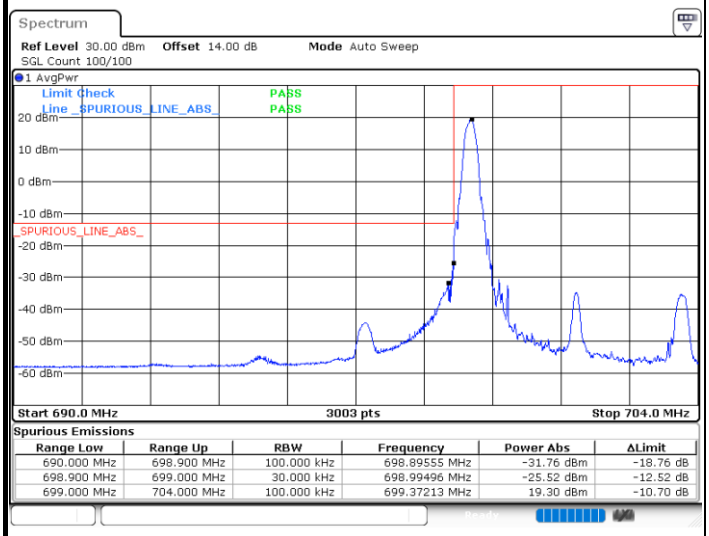
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.40210 MHz	6.03 dBm	-23.97 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00614 MHz	-30.29 dBm	-17.29 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.52 dBm	-16.52 dB

Date: 30.DEC.2023 01:39:14

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

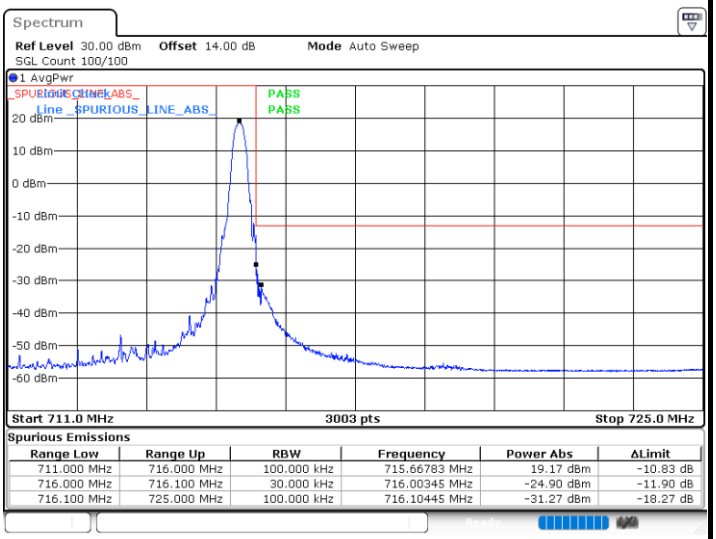


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.76 dBm	-18.76 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99496 MHz	-25.52 dBm	-12.52 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.37213 MHz	19.30 dBm	-10.70 dB

Date: 30.DEC.2023 01:27:19

Highest Band Edge / 1 RB

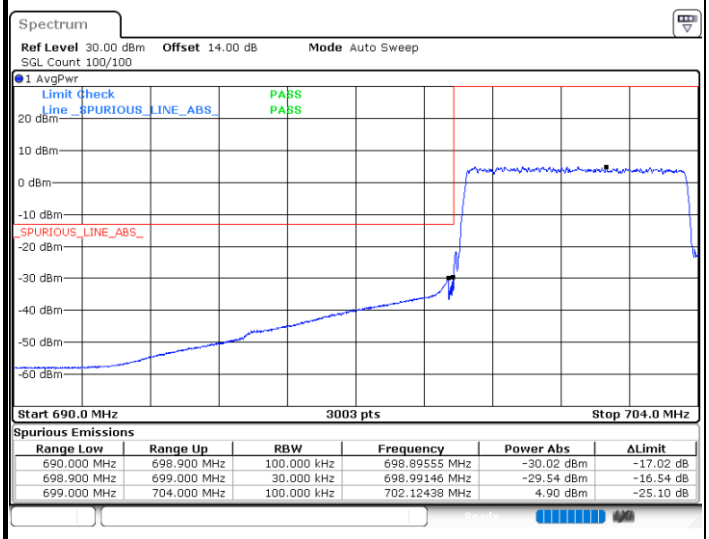


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66783 MHz	19.17 dBm	-10.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00345 MHz	-24.90 dBm	-11.90 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.27 dBm	-18.27 dB

Date: 30.DEC.2023 01:37:10

Lowest Band Edge / Full RB

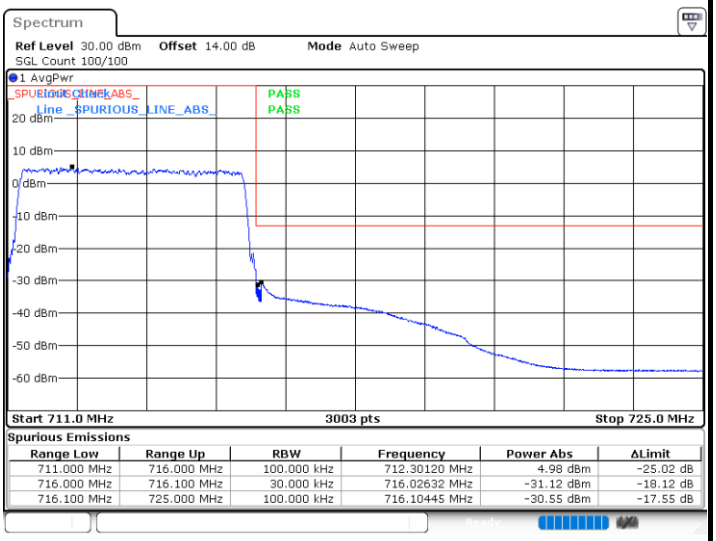


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.02 dBm	-17.02 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99146 MHz	-29.54 dBm	-16.54 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.12438 MHz	4.90 dBm	-25.10 dB

Date: 30.DEC.2023 01:30:23

Highest Band Edge / Full RB



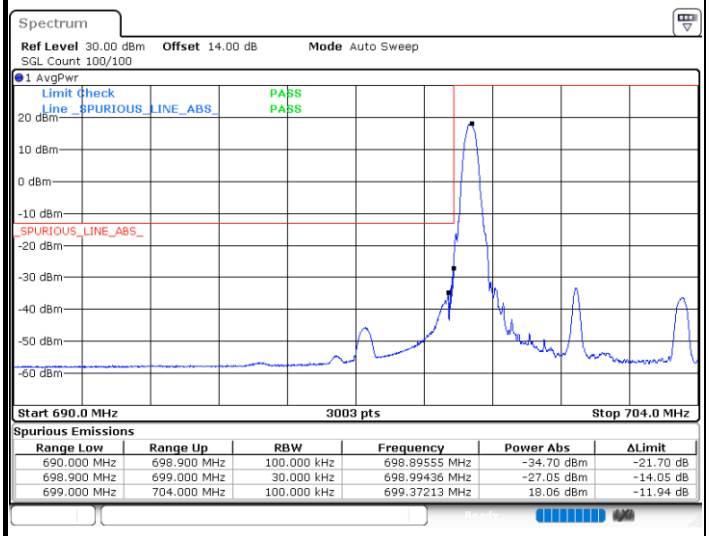
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.30120 MHz	4.98 dBm	-25.02 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02632 MHz	-31.12 dBm	-18.12 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.55 dBm	-17.55 dB

Date: 30.DEC.2023 01:40:16

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

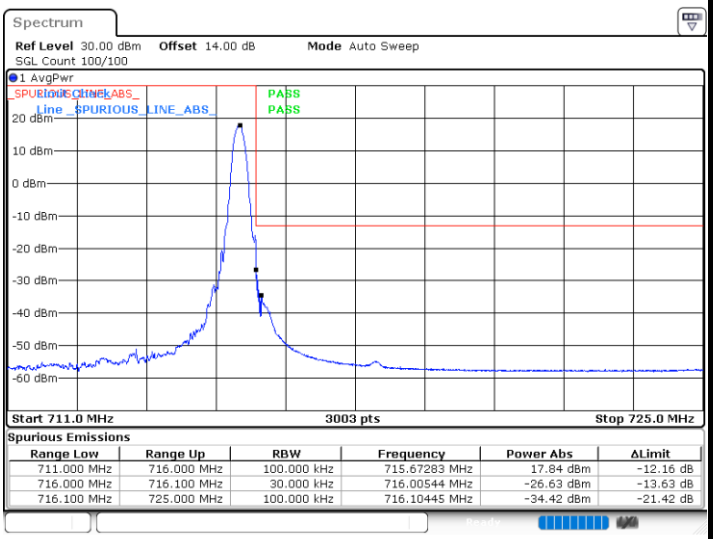


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.70 dBm	-21.70 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99436 MHz	-27.05 dBm	-14.05 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.37213 MHz	18.06 dBm	-11.94 dB

Date: 30.DEC.2023 01:28:20

Highest Band Edge / 1 RB

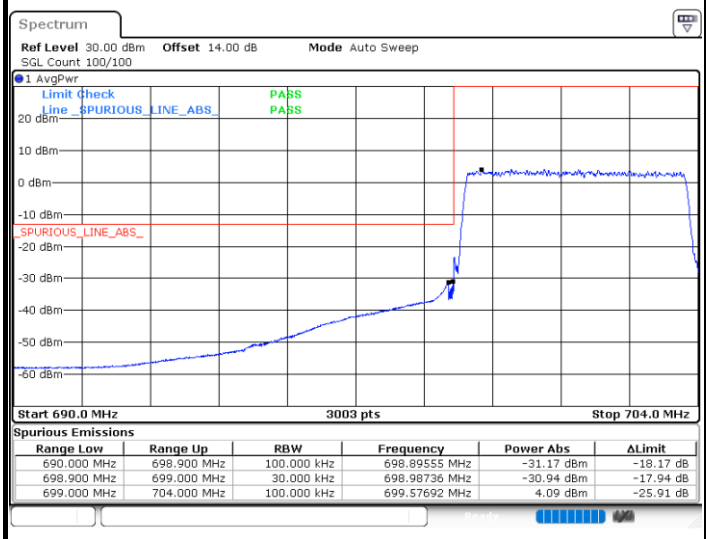


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67283 MHz	17.84 dBm	-12.16 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00544 MHz	-26.63 dBm	-13.63 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.42 dBm	-21.42 dB

Date: 30.DEC.2023 01:38:12

Lowest Band Edge / Full RB

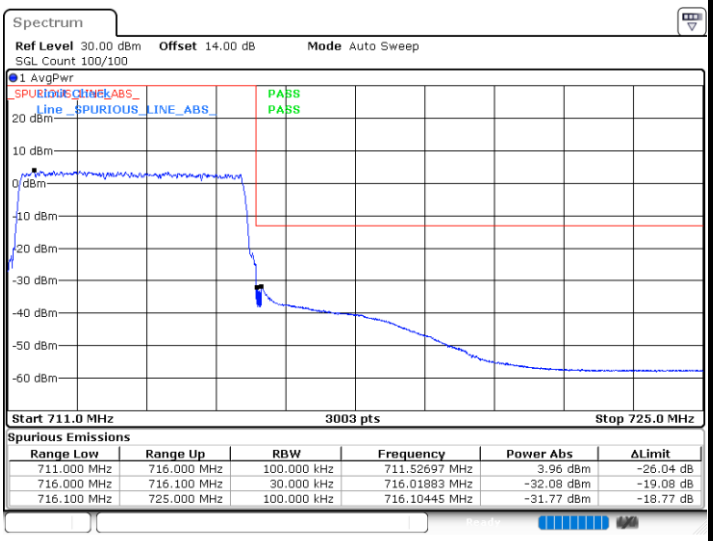


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.17 dBm	-18.17 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98736 MHz	-30.94 dBm	-17.94 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.57692 MHz	4.09 dBm	-25.91 dB

Date: 30.DEC.2023 01:31:25

Highest Band Edge / Full RB



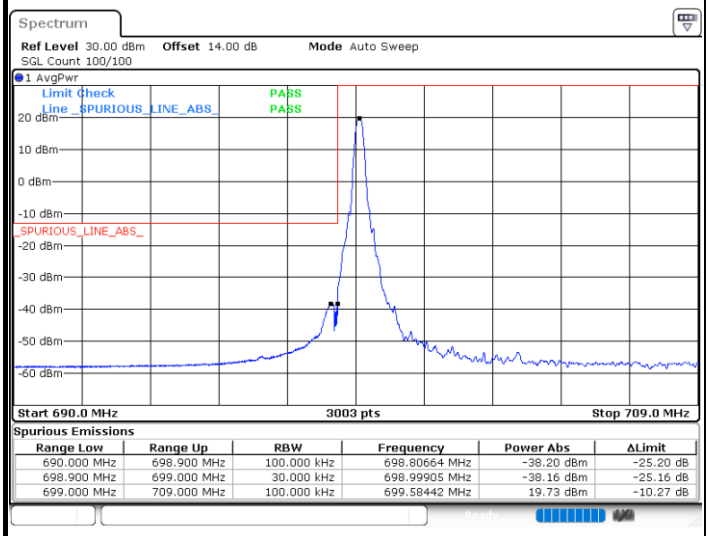
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.52697 MHz	3.96 dBm	-26.04 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01883 MHz	-32.08 dBm	-19.08 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.77 dBm	-18.77 dB

Date: 30.DEC.2023 01:41:17

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1RB

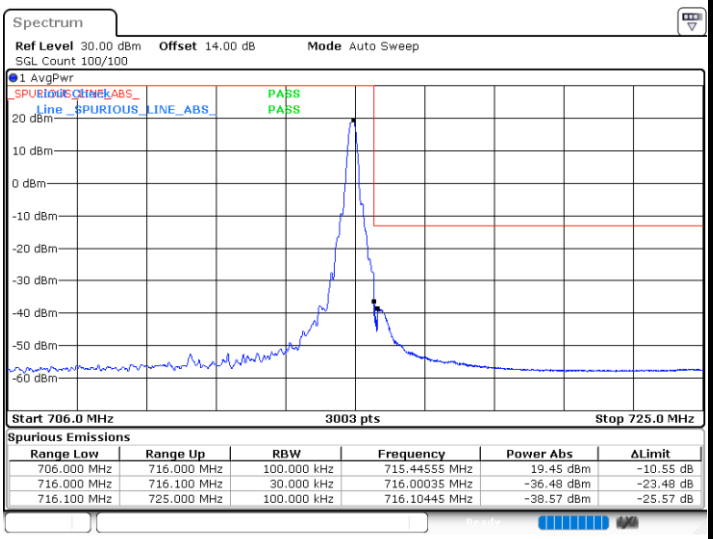


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.80664 MHz	-38.20 dBm	-25.20 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99905 MHz	-38.16 dBm	-25.16 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	19.73 dBm	-10.27 dB

Date: 30.DEC.2023 03:15:52

Highest Band Edge / 1RB

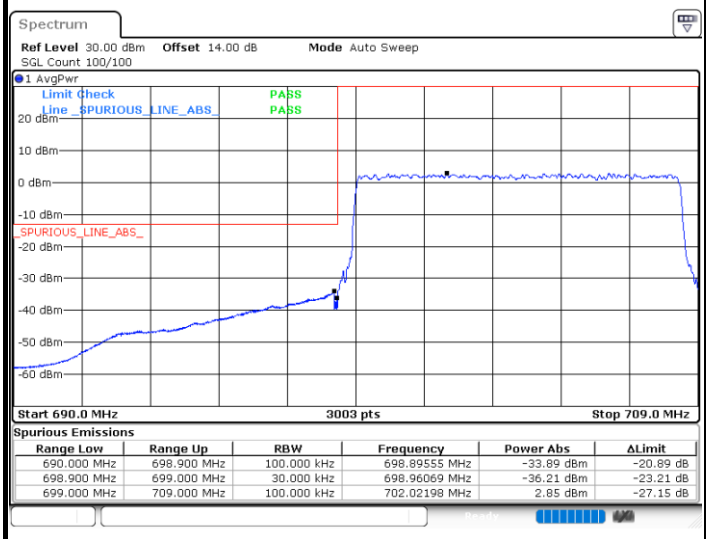


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.44555 MHz	19.45 dBm	-10.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-36.48 dBm	-23.48 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-38.57 dBm	-25.57 dB

Date: 30.DEC.2023 03:25:45

Lowest Band Edge / Full RB

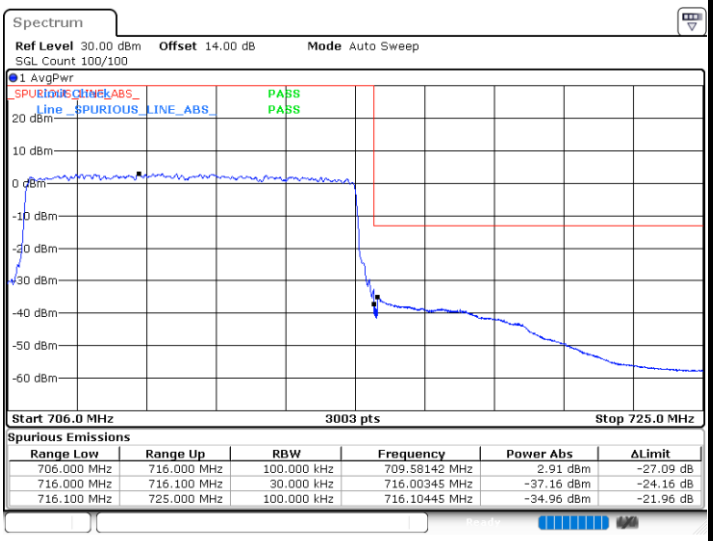


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.89 dBm	-20.89 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96069 MHz	-36.21 dBm	-23.21 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.02198 MHz	2.85 dBm	-27.15 dB

Date: 30.DEC.2023 03:18:57

Highest Band Edge / Full RB



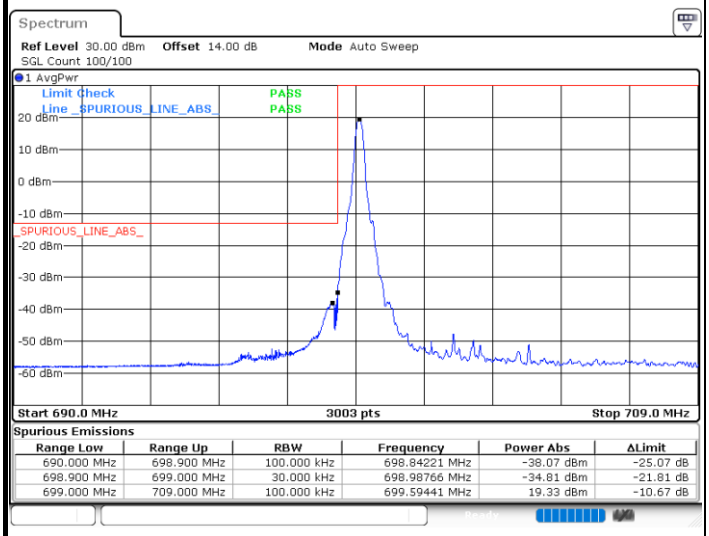
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.58142 MHz	2.91 dBm	-27.09 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00345 MHz	-37.16 dBm	-24.16 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.96 dBm	-21.96 dB

Date: 30.DEC.2023 03:28:50

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

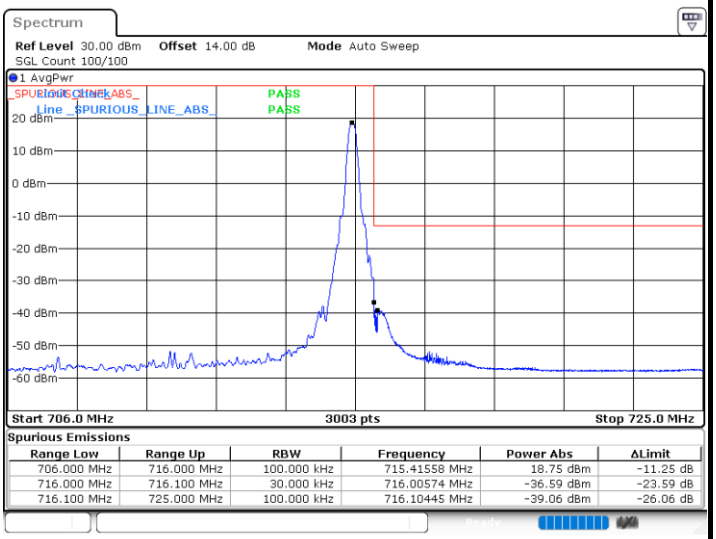


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.84221 MHz	-38.07 dBm	-25.07 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98766 MHz	-34.81 dBm	-21.81 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	19.33 dBm	-10.67 dB

Date: 30.DEC.2023 03:16:54

Highest Band Edge / 1 RB

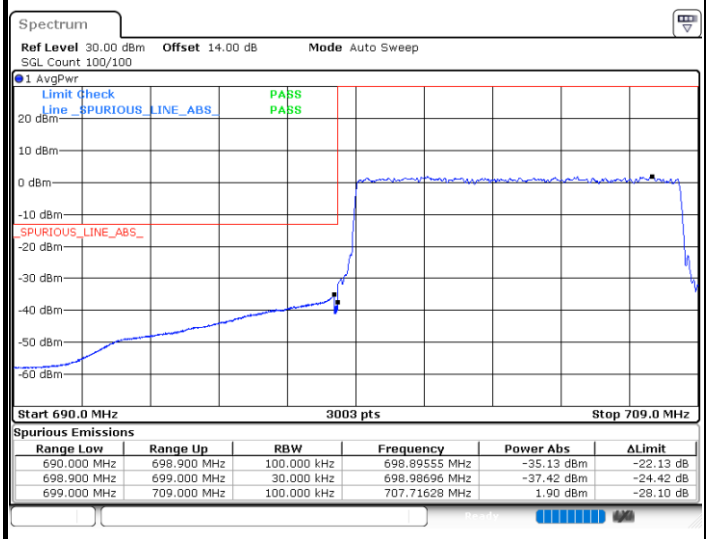


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	18.75 dBm	-11.25 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00574 MHz	-36.59 dBm	-23.59 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.06 dBm	-26.06 dB

Date: 30.DEC.2023 03:26:47

Lowest Band Edge / Full RB

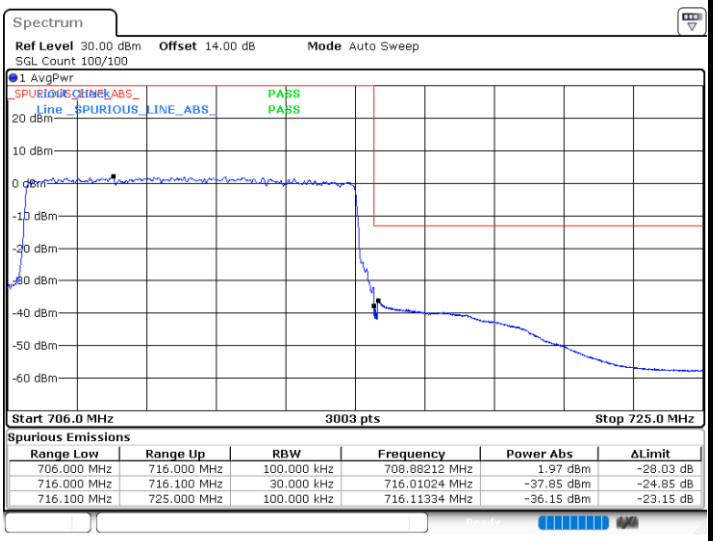


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-35.13 dBm	-22.13 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98696 MHz	-37.42 dBm	-24.42 dB
699.000 MHz	709.000 MHz	100.000 kHz	707.71628 MHz	1.90 dBm	-28.10 dB

Date: 30.DEC.2023 03:19:59

Highest Band Edge / Full RB



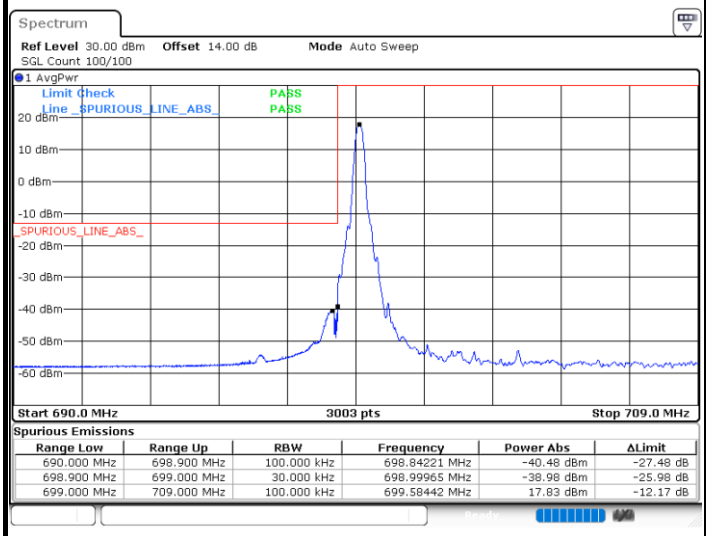
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.88212 MHz	1.97 dBm	-28.03 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01024 MHz	-37.85 dBm	-24.85 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-36.15 dBm	-23.15 dB

Date: 30.DEC.2023 03:29:52

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

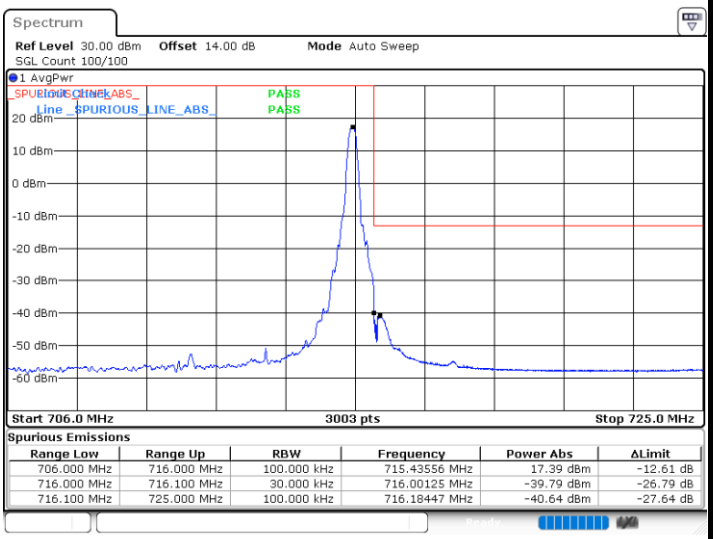


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.84221 MHz	-40.48 dBm	-27.48 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-38.98 dBm	-25.98 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	17.83 dBm	-12.17 dB

Date: 30.DEC.2023 03:17:55

Highest Band Edge / 1 RB

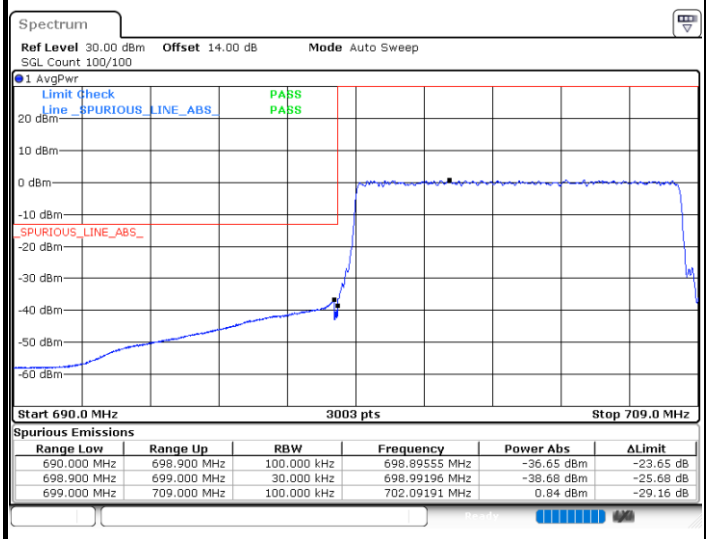


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.43556 MHz	17.39 dBm	-12.61 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-39.79 dBm	-26.79 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.18447 MHz	-40.64 dBm	-27.64 dB

Date: 30.DEC.2023 03:27:49

Lowest Band Edge / Full RB

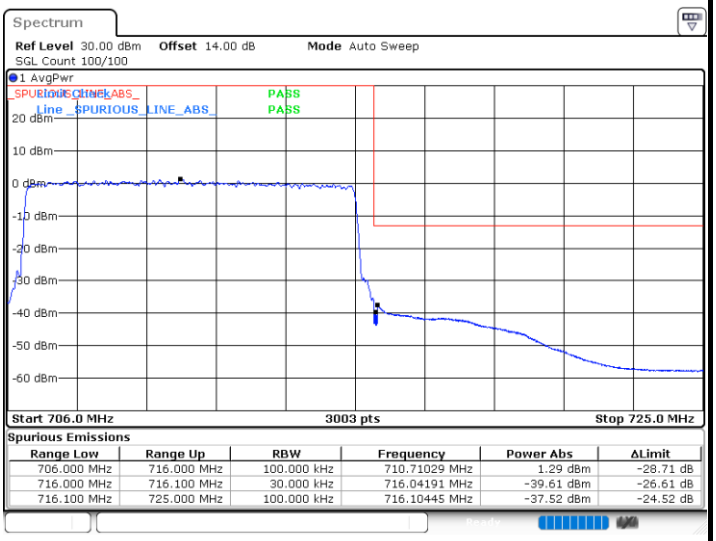


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-36.65 dBm	-23.65 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99196 MHz	-38.68 dBm	-25.68 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.09191 MHz	0.84 dBm	-29.16 dB

Date: 30.DEC.2023 03:21:01

Highest Band Edge / Full RB



Spurious Emissions

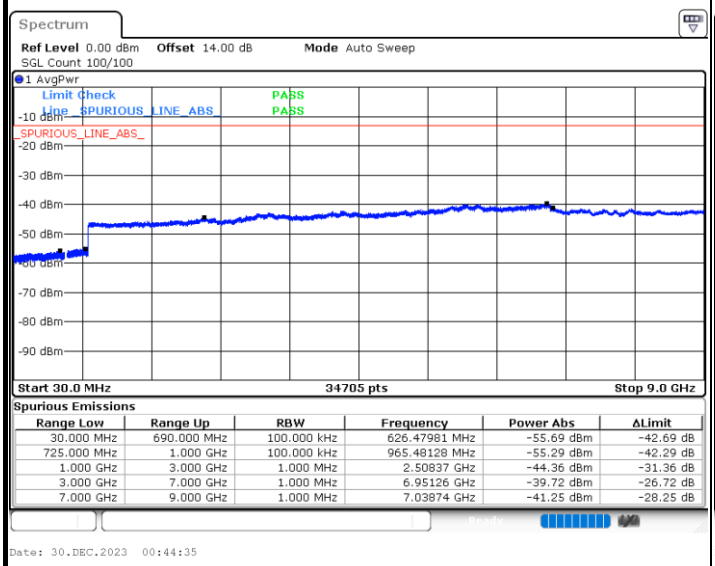
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.71029 MHz	1.29 dBm	-28.71 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.04191 MHz	-39.61 dBm	-26.61 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.52 dBm	-24.52 dB

Date: 30.DEC.2023 03:30:54

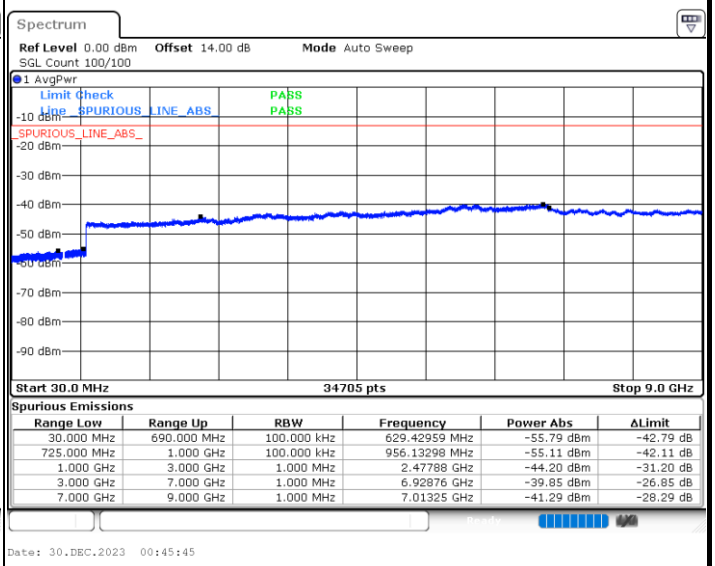
Conducted Spurious Emission

LTE Band 12 / 1.4MHz

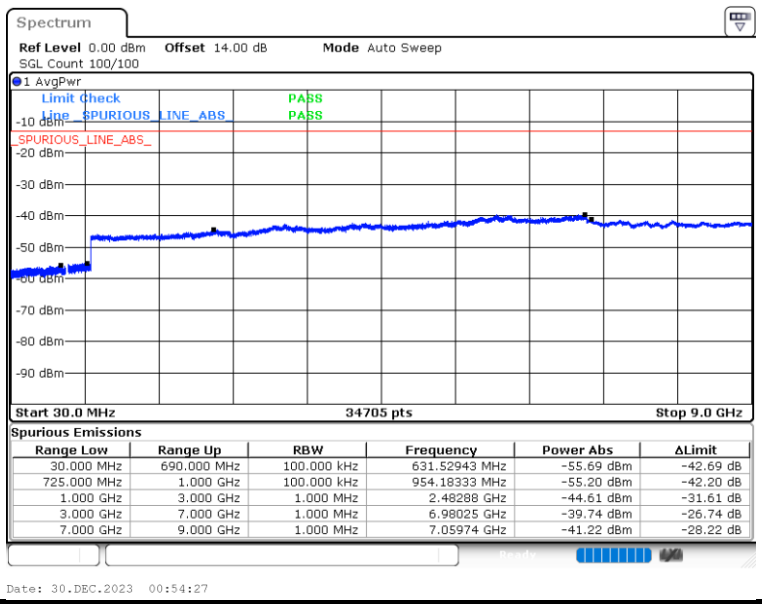
Lowest Channel / QPSK



Middle Channel / QPSK

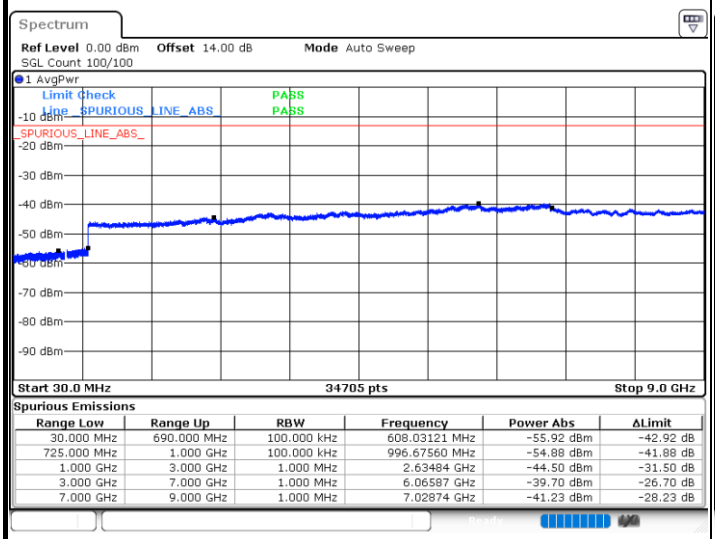


Highest Channel / QPSK



LTE Band 12 / 3MHz

Lowest Channel / QPSK

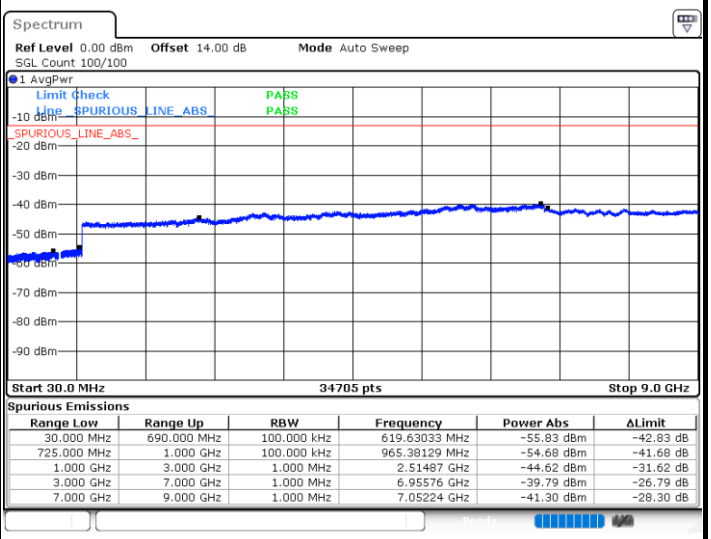


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	608.03121 MHz	-55.92 dBm	-42.92 dB
725.000 MHz	1.000 GHz	100.000 kHz	996.67560 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63484 GHz	-44.50 dBm	-31.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.06587 GHz	-39.70 dBm	-26.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02874 GHz	-41.23 dBm	-28.23 dB

Date: 30.DEC.2023 01:03:12

Middle Channel / QPSK

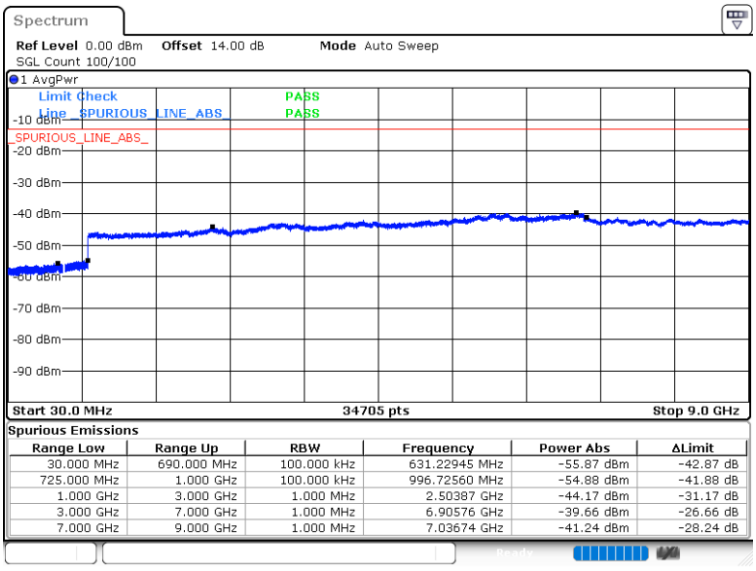


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	619.63033 MHz	-55.83 dBm	-42.83 dB
725.000 MHz	1.000 GHz	100.000 kHz	965.38129 MHz	-54.68 dBm	-41.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51487 GHz	-44.62 dBm	-31.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95576 GHz	-39.79 dBm	-26.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05224 GHz	-41.30 dBm	-28.30 dB

Date: 30.DEC.2023 01:04:22

Highest Channel / QPSK



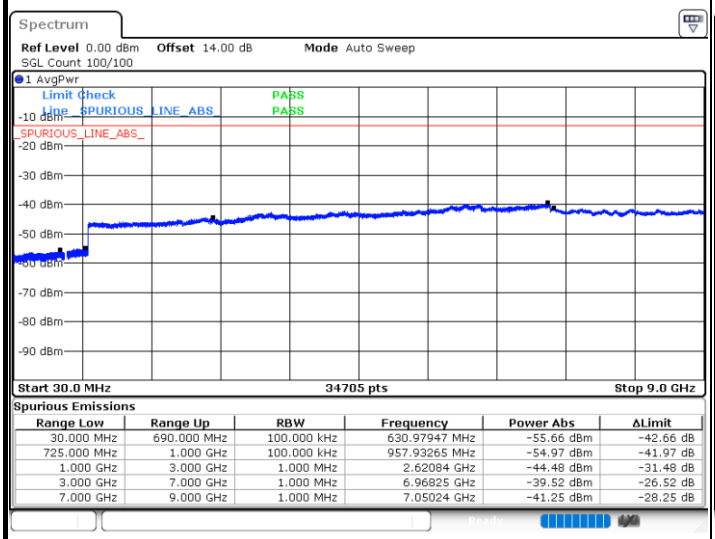
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	631.22945 MHz	-55.87 dBm	-42.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	996.72560 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50387 GHz	-44.17 dBm	-31.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90576 GHz	-39.66 dBm	-26.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03674 GHz	-41.24 dBm	-28.24 dB

Date: 30.DEC.2023 01:13:04

LTE Band 12 / 5MHz

Lowest Channel / QPSK

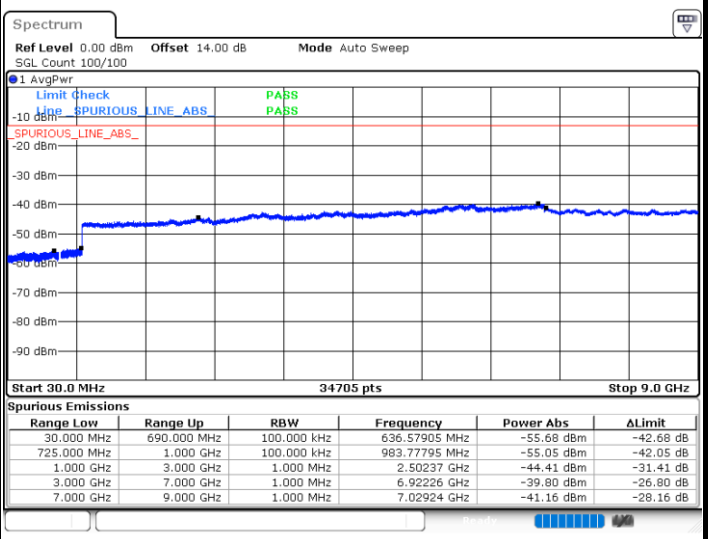


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.97947 MHz	-55.66 dBm	-42.66 dB
725.000 MHz	1.000 GHz	100.000 kHz	957.93265 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62084 GHz	-44.48 dBm	-31.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96825 GHz	-39.52 dBm	-26.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05024 GHz	-41.25 dBm	-28.25 dB

Date: 30.DEC.2023 01:32:36

Middle Channel / QPSK

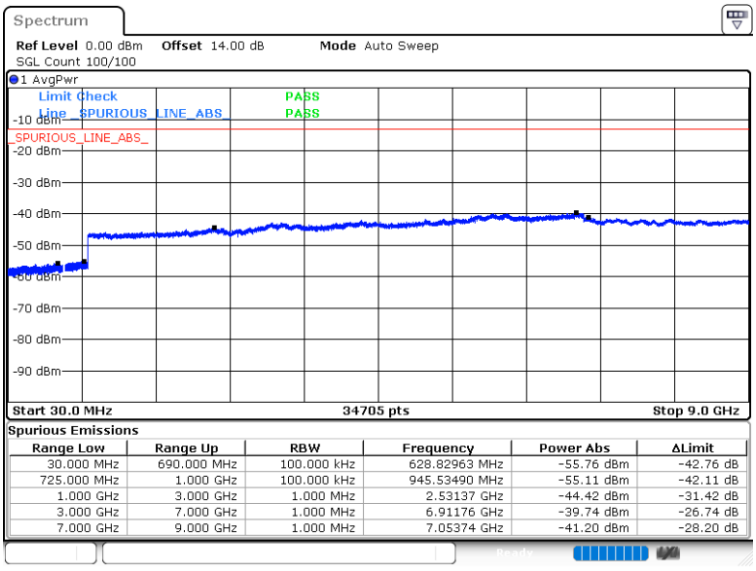


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	636.57905 MHz	-55.68 dBm	-42.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	983.77795 MHz	-55.05 dBm	-42.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50237 GHz	-44.41 dBm	-31.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-39.80 dBm	-26.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02924 GHz	-41.16 dBm	-28.16 dB

Date: 30.DEC.2023 01:33:46

Highest Channel / QPSK



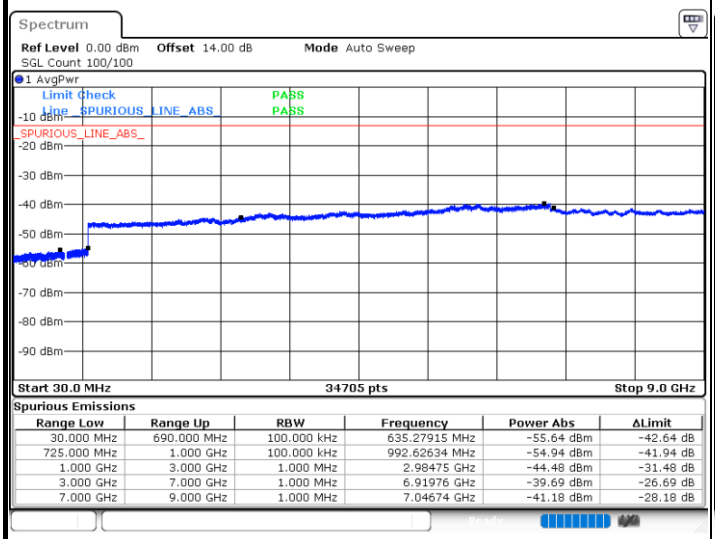
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	628.82963 MHz	-55.76 dBm	-42.76 dB
725.000 MHz	1.000 GHz	100.000 kHz	945.53490 MHz	-55.11 dBm	-42.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53137 GHz	-44.42 dBm	-31.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91176 GHz	-39.74 dBm	-26.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05374 GHz	-41.20 dBm	-28.20 dB

Date: 30.DEC.2023 01:42:29

LTE Band 12 / 10MHz

Lowest Channel / QPSK

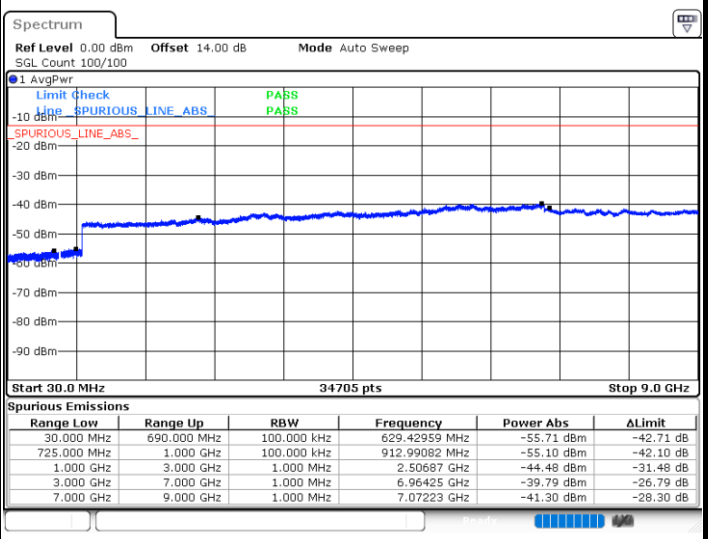


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	635.27915 MHz	-55.64 dBm	-42.64 dB
725.000 MHz	1.000 GHz	100.000 kHz	992.62634 MHz	-54.94 dBm	-41.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98475 GHz	-44.48 dBm	-31.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91976 GHz	-39.69 dBm	-26.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04674 GHz	-41.18 dBm	-28.18 dB

Date: 30.DEC.2023 03:22:12

Middle Channel / QPSK

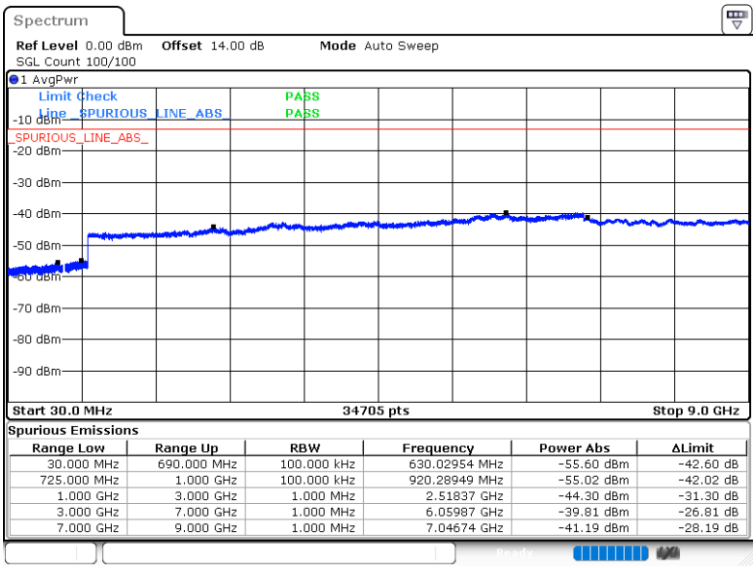


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	629.42959 MHz	-55.71 dBm	-42.71 dB
725.000 MHz	1.000 GHz	100.000 kHz	912.99082 MHz	-55.10 dBm	-42.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50687 GHz	-44.48 dBm	-31.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-39.79 dBm	-26.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07223 GHz	-41.30 dBm	-28.30 dB

Date: 30.DEC.2023 03:23:23

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.02954 MHz	-55.60 dBm	-42.60 dB
725.000 MHz	1.000 GHz	100.000 kHz	920.28949 MHz	-55.02 dBm	-42.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51837 GHz	-44.30 dBm	-31.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.05987 GHz	-39.81 dBm	-26.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04674 GHz	-41.19 dBm	-28.19 dB

Date: 30.DEC.2023 03:32:05

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

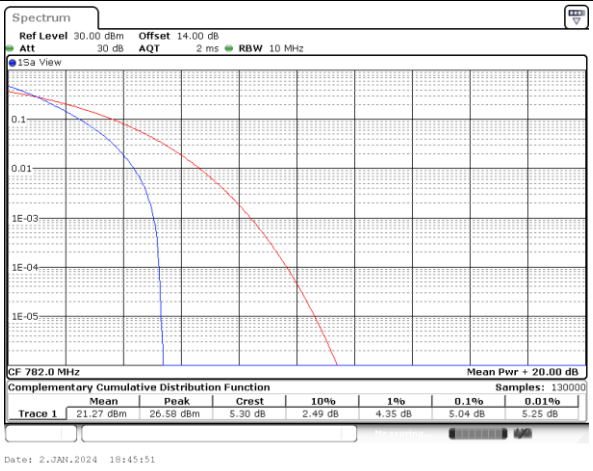
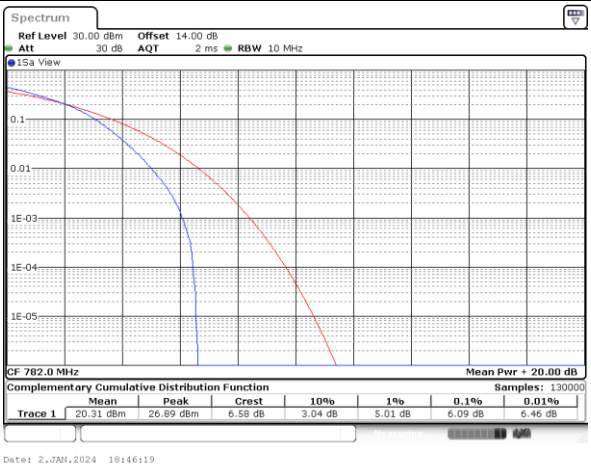
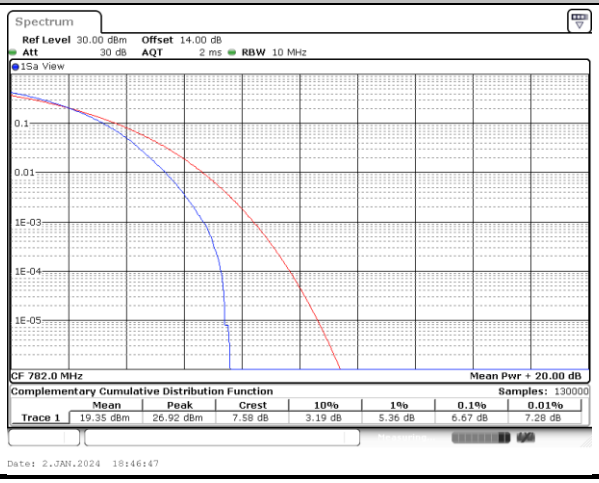
Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.04	6.09	6.67	PASS

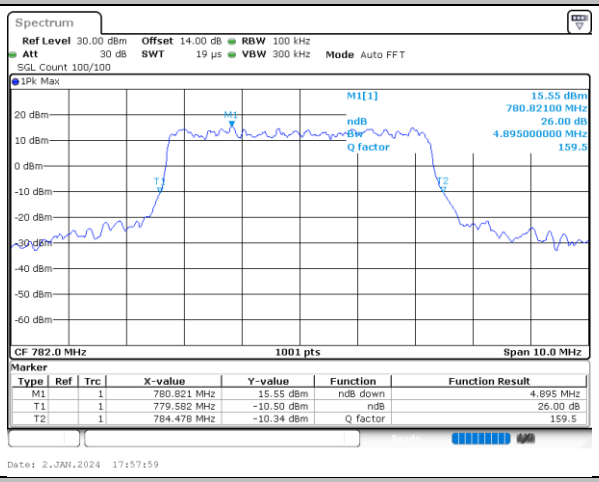
LTE Band 13 / 10MHz / QPSK	LTE Band 13 / 10MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 13 / 10MHz / 64QAM	NA
Middle Channel / Full RB	
	

26dB Bandwidth

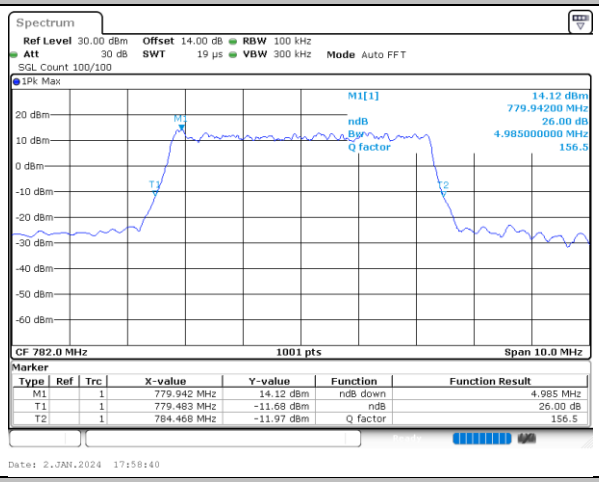
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	-		-		5MHz		10MHz		-		-	
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	-	-	-	-
Middle CH	-	-	-	-	4.90	4.99	9.85	9.87	-	-	-	-

LTE Band 13

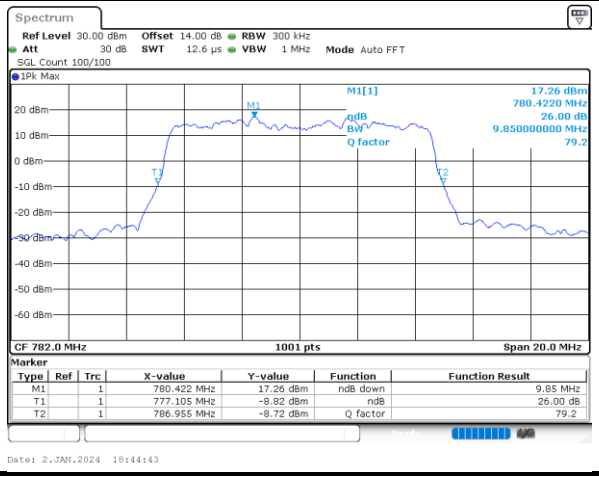
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM