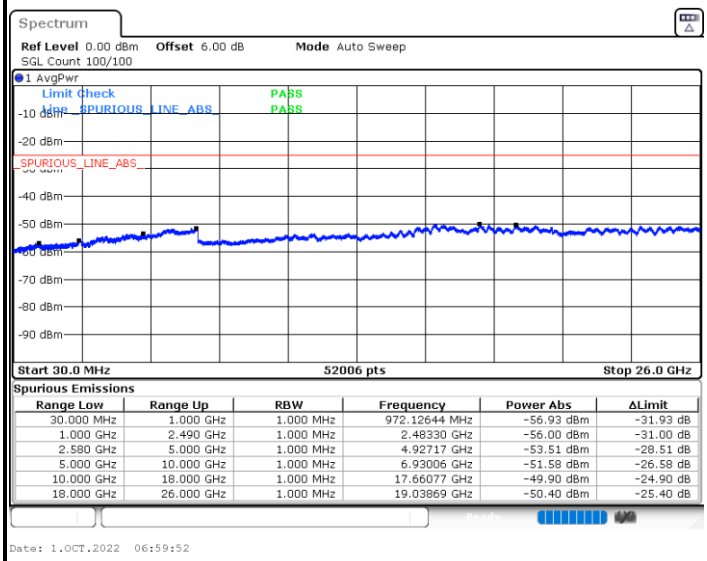
LTE Band 7 / 10MHz

Lowest Channel / QPSK

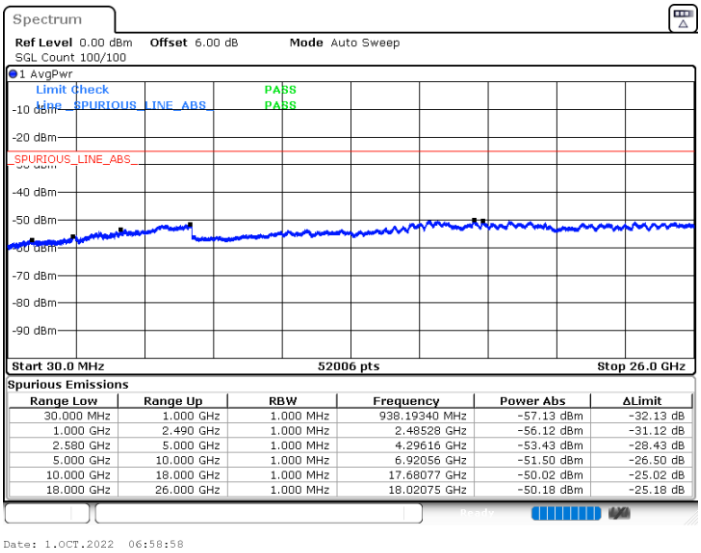


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-56.93 dBm	-31.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-56.00 dBm	-31.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92717 GHz	-53.51 dBm	-28.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.93006 GHz	-51.58 dBm	-26.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66077 GHz	-49.90 dBm	-24.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.03869 GHz	-50.40 dBm	-25.40 dB

Date: 1.OCT.2022 06:59:52

Middle Channel / QPSK

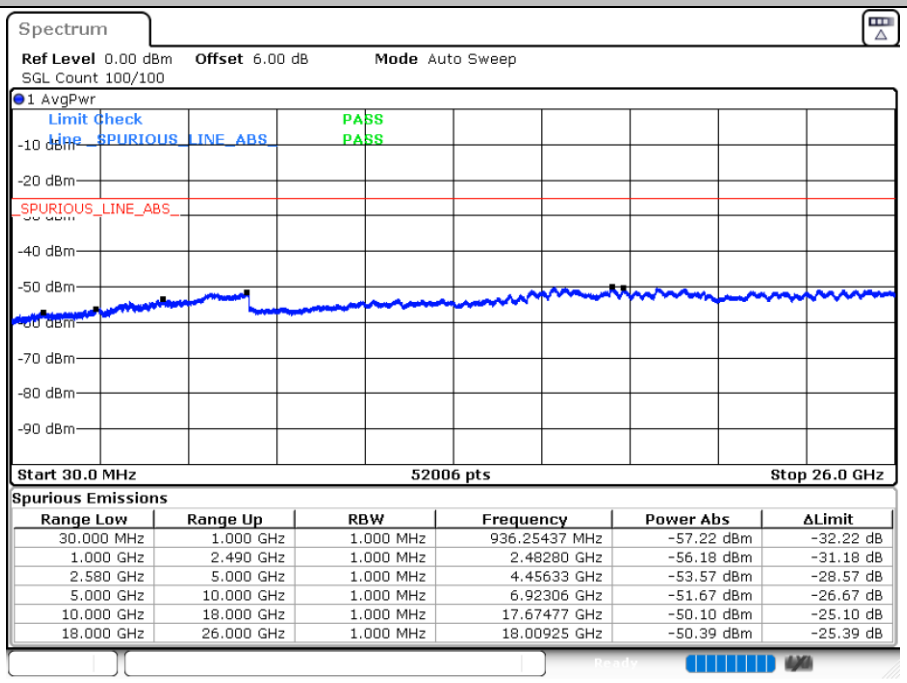


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-57.13 dBm	-32.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-56.12 dBm	-31.12 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29616 GHz	-53.43 dBm	-28.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92056 GHz	-51.50 dBm	-26.50 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.68077 GHz	-50.02 dBm	-25.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.02075 GHz	-50.18 dBm	-25.18 dB

Date: 1.OCT.2022 06:58:58

Highest Channel / QPSK



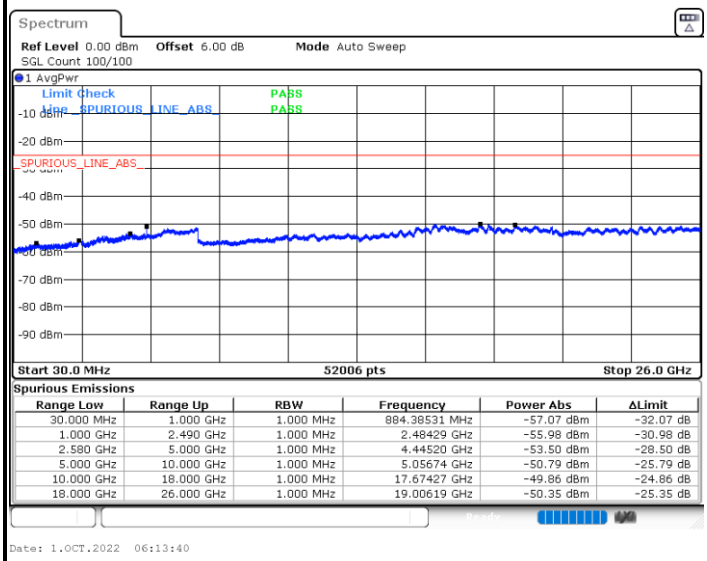
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-57.22 dBm	-32.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-56.18 dBm	-31.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.45633 GHz	-53.57 dBm	-28.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92306 GHz	-51.67 dBm	-26.67 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67477 GHz	-50.10 dBm	-25.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00925 GHz	-50.39 dBm	-25.39 dB

Date: 1.OCT.2022 07:04:19

LTE Band 7 / 15MHz

Lowest Channel / QPSK

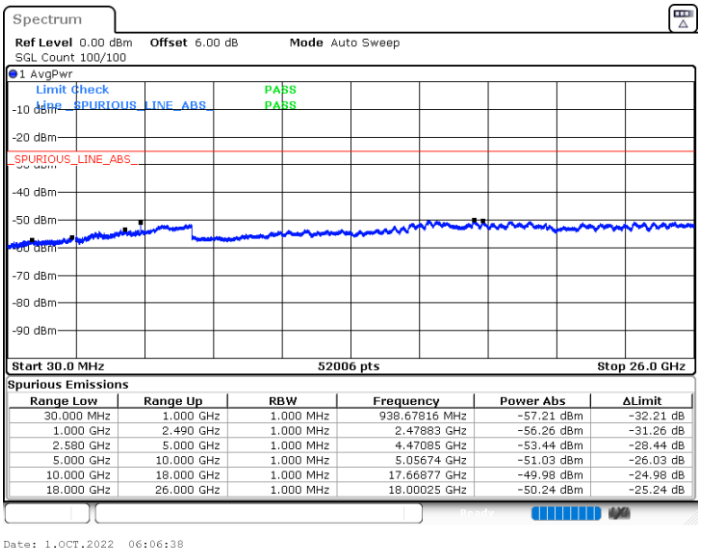


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-57.07 dBm	-32.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-55.98 dBm	-30.98 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.44520 GHz	-53.50 dBm	-28.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-50.79 dBm	-25.79 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67427 GHz	-49.86 dBm	-24.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.00619 GHz	-50.35 dBm	-25.35 dB

Date: 1.OCT.2022 06:13:40

Middle Channel / QPSK

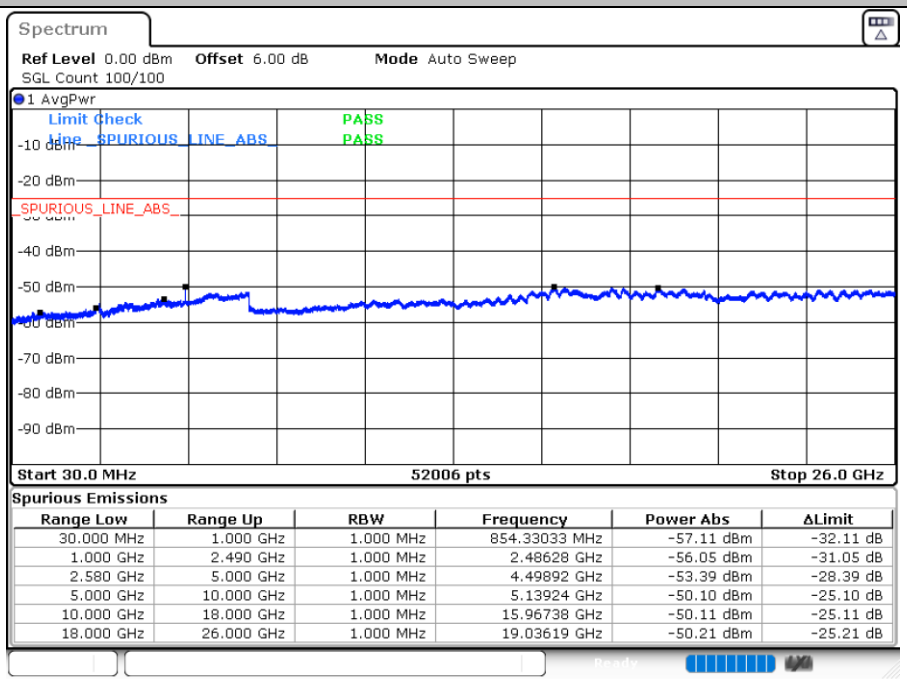


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-57.21 dBm	-32.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47883 GHz	-56.26 dBm	-31.26 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.47085 GHz	-53.44 dBm	-28.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-51.03 dBm	-26.03 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66877 GHz	-49.98 dBm	-24.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00025 GHz	-50.24 dBm	-25.24 dB

Date: 1.OCT.2022 06:06:38

Highest Channel / QPSK



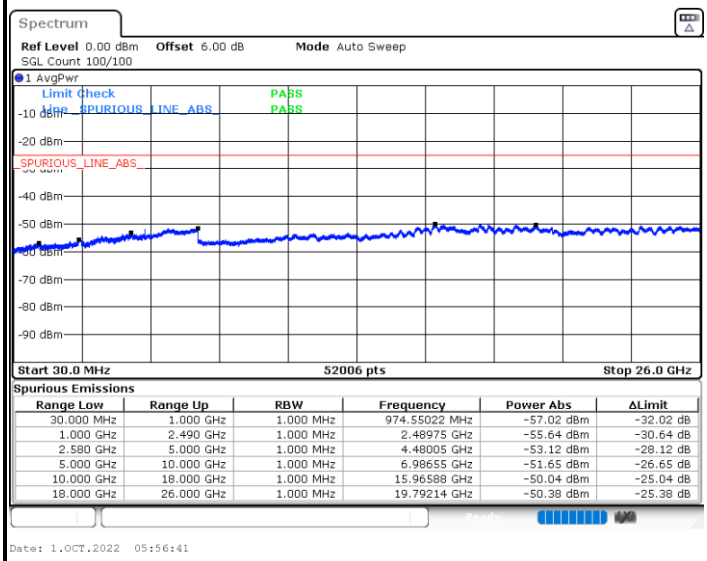
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.33033 MHz	-57.11 dBm	-32.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-56.05 dBm	-31.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.49892 GHz	-53.39 dBm	-28.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.13924 GHz	-50.10 dBm	-25.10 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.96738 GHz	-50.11 dBm	-25.11 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.03619 GHz	-50.21 dBm	-25.21 dB

Date: 1.OCT.2022 06:57:58

LTE Band 7 / 20MHz

Lowest Channel / QPSK

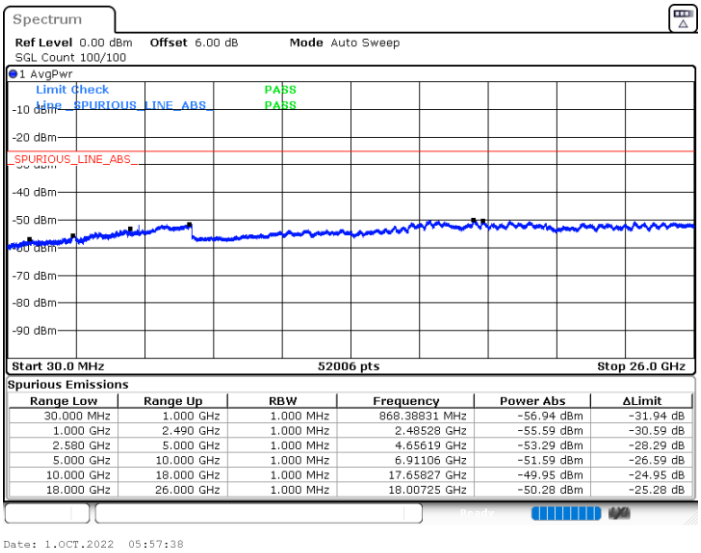


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-57.02 dBm	-32.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-55.64 dBm	-30.64 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.48005 GHz	-53.12 dBm	-28.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98655 GHz	-51.65 dBm	-26.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.96588 GHz	-50.04 dBm	-25.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-50.38 dBm	-25.38 dB

Date: 1.OCT.2022 05:56:41

Middle Channel / QPSK

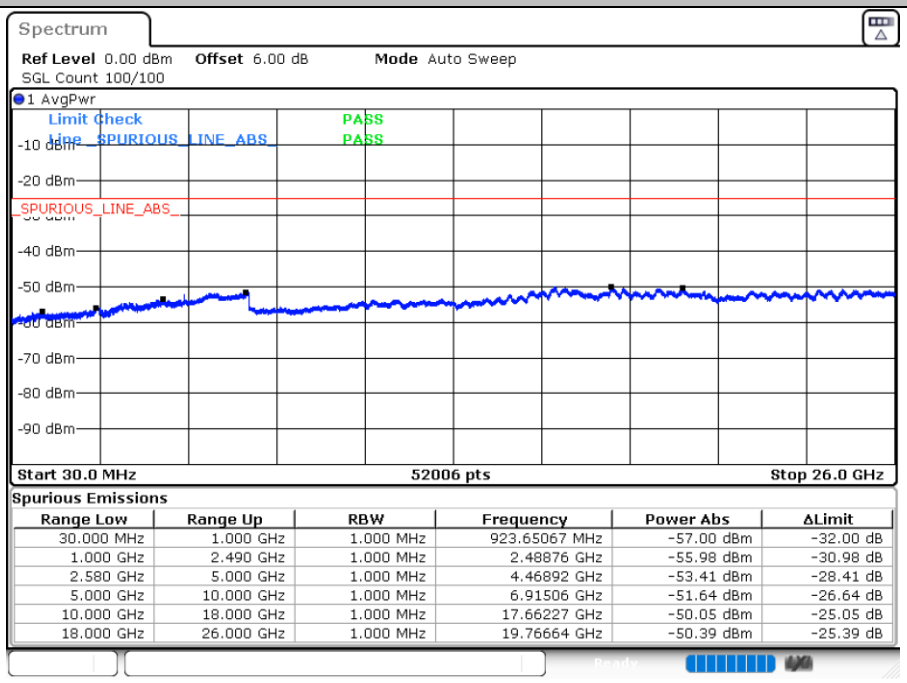


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.38831 MHz	-56.94 dBm	-31.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-55.59 dBm	-30.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.65619 GHz	-53.29 dBm	-28.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91106 GHz	-51.59 dBm	-26.59 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65827 GHz	-49.95 dBm	-24.95 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00725 GHz	-50.28 dBm	-25.28 dB

Date: 1.OCT.2022 05:57:38

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-57.00 dBm	-32.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-55.98 dBm	-30.98 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.46892 GHz	-53.41 dBm	-28.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91506 GHz	-51.64 dBm	-26.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66227 GHz	-50.05 dBm	-25.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.76664 GHz	-50.39 dBm	-25.39 dB

Date: 1.OCT.2022 06:01:42

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.88 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.27 V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.

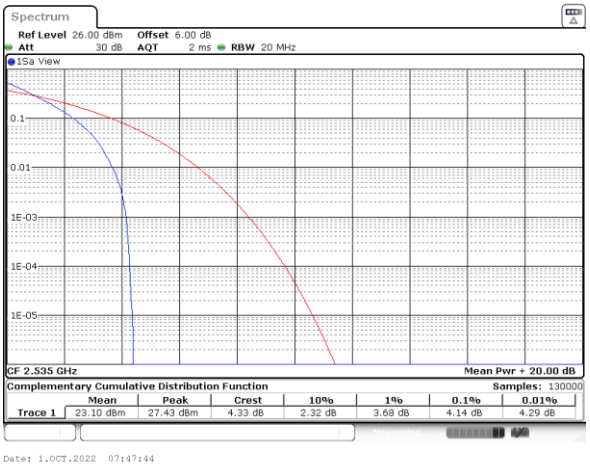
LTE Band 7(PA2 EN-DC 7A-n78A)

Peak-to-Average Ratio

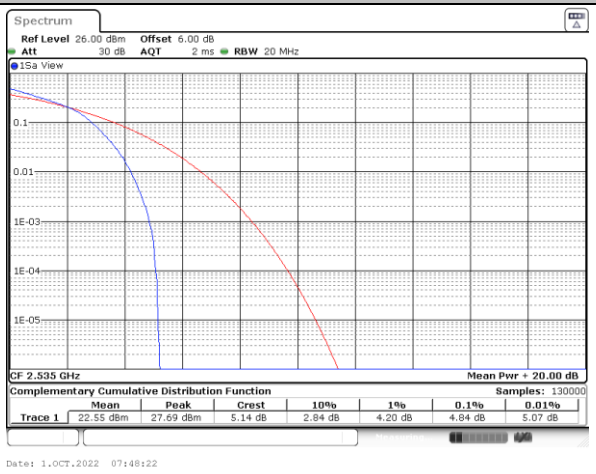
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.14	4.84	5.48	6.43	PASS

LTE Band 7 / 20MHz

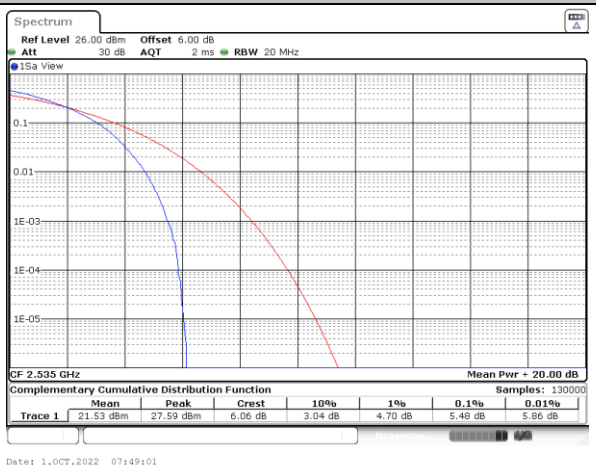
Middle Channel / Full RB/ QPSK



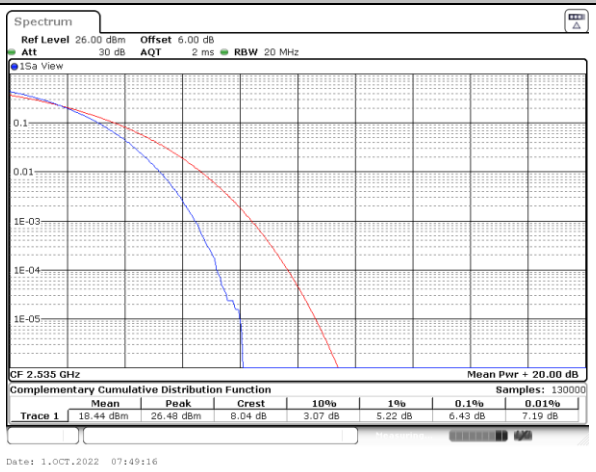
Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM



Middle Channel / Full RB/256QAM

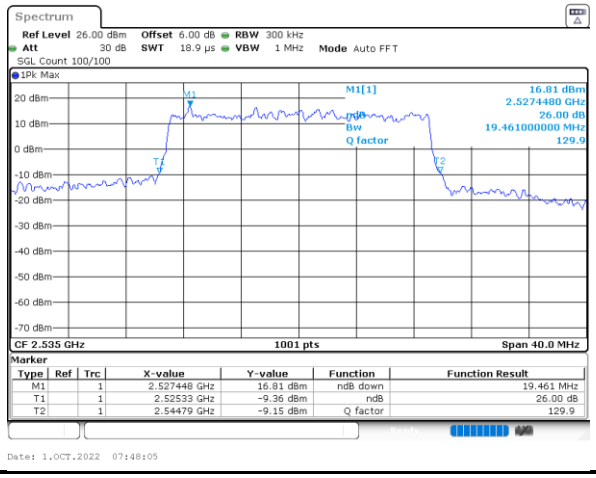


26dB Bandwidth

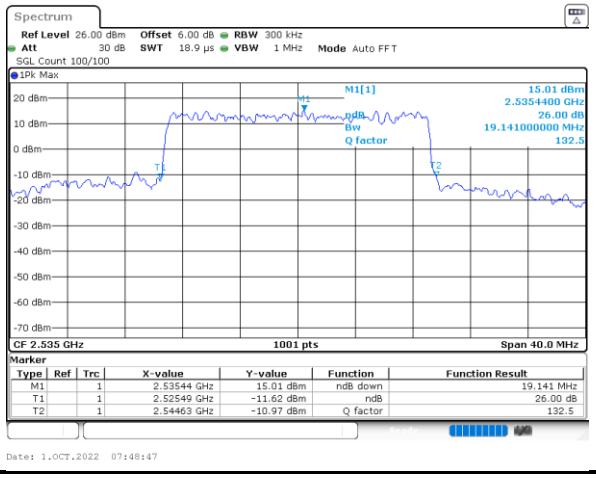
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.46	19.14

LTE Band 7

Middle Channel / 20MHz / QPSK



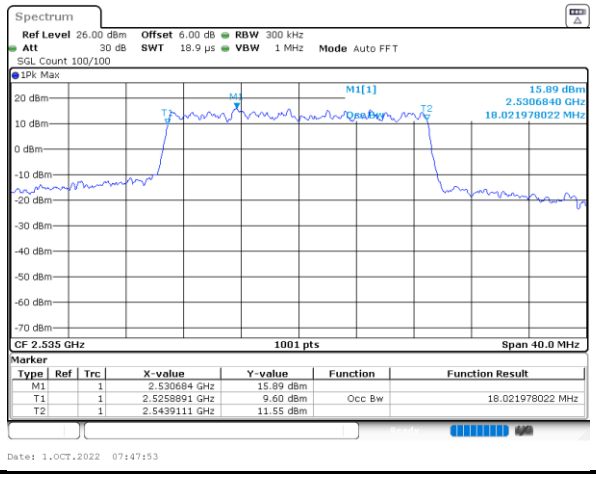
Middle Channel / 20MHz / 16QAM

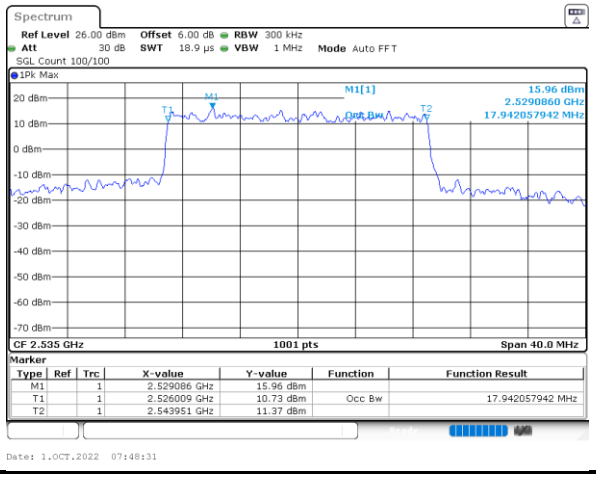


Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.02	17.94

LTE Band 7	
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM

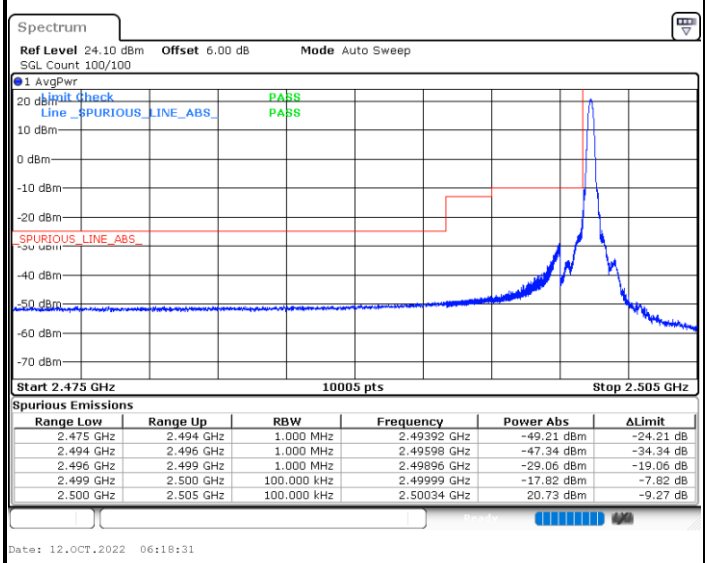




Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

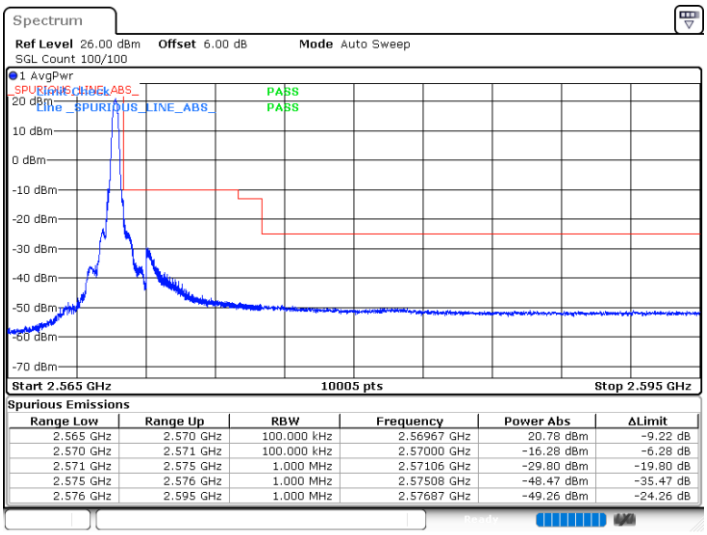


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49392 GHz	-49.21 dBm	-24.21 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-47.34 dBm	-34.34 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-29.06 dBm	-19.06 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-17.82 dBm	-7.82 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	20.73 dBm	-9.27 dB

Date: 12.OCT.2022 06:18:31

Highest Band Edge / 1 RB

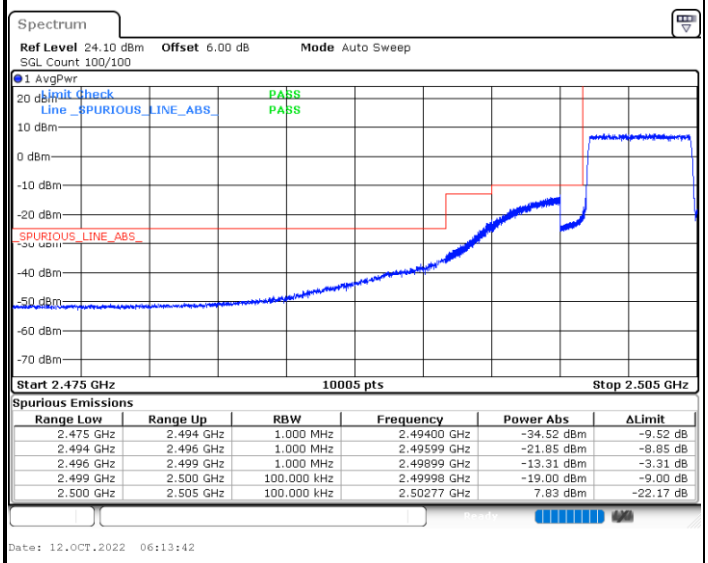


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	20.78 dBm	-9.22 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-16.28 dBm	-6.28 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-29.80 dBm	-19.80 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57508 GHz	-48.47 dBm	-35.47 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57687 GHz	-49.26 dBm	-24.26 dB

Date: 12.OCT.2022 06:19:28

Lowest Band Edge / Full RB

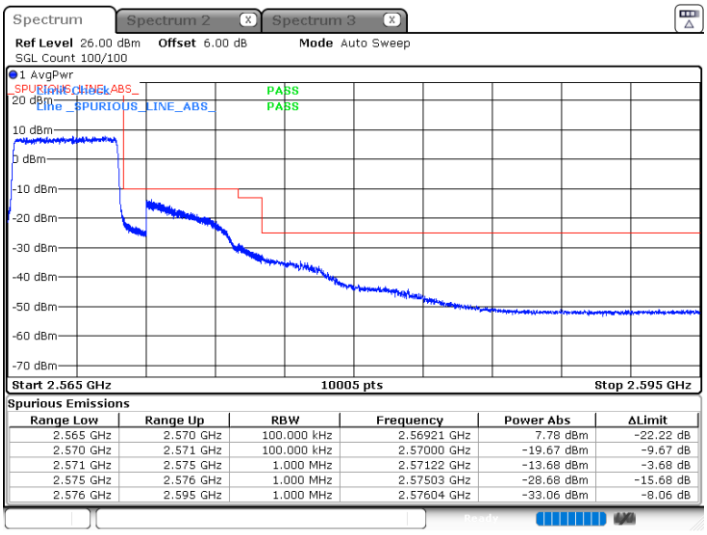


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49400 GHz	-34.52 dBm	-9.52 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-21.85 dBm	-8.85 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-13.31 dBm	-3.31 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-19.00 dBm	-9.00 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50277 GHz	7.83 dBm	-22.17 dB

Date: 12.OCT.2022 06:13:42

Highest Band Edge / Full RB



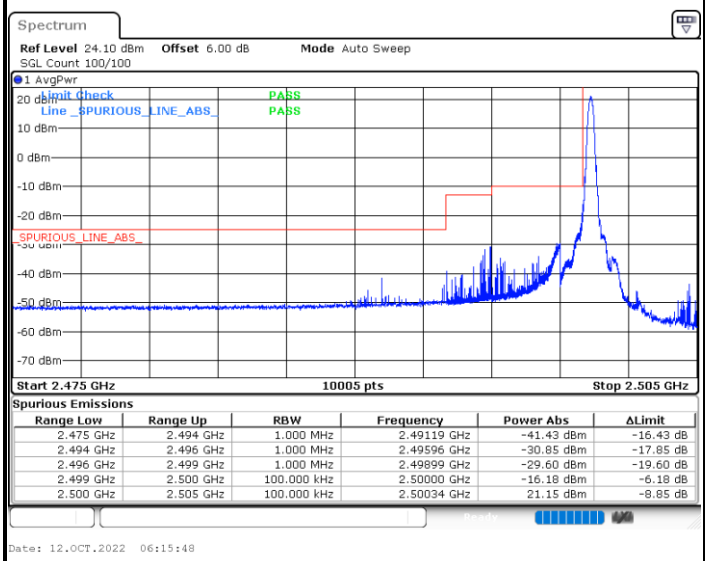
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56921 GHz	7.78 dBm	-22.22 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-19.67 dBm	-9.67 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57122 GHz	-13.68 dBm	-3.68 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-28.68 dBm	-15.68 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57604 GHz	-33.06 dBm	-8.06 dB

Date: 14.OCT.2022 00:44:20

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

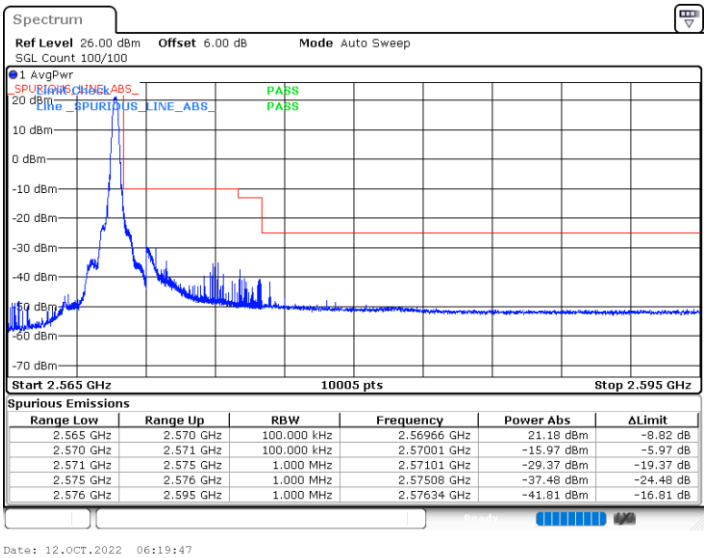


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49119 GHz	-41.43 dBm	-16.43 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-30.85 dBm	-17.85 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-29.60 dBm	-19.60 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-16.18 dBm	-6.18 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	21.15 dBm	-8.85 dB

Date: 12.OCT.2022 06:15:48

Highest Band Edge / 1 RB

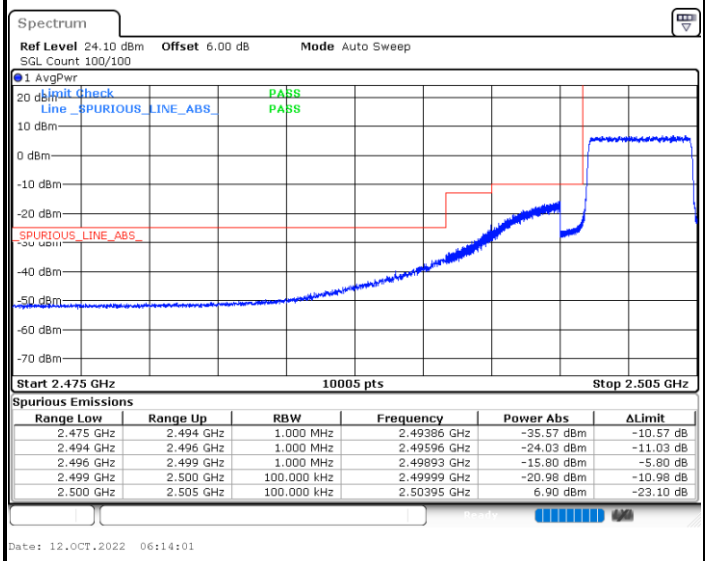


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	21.18 dBm	-8.82 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-15.97 dBm	-5.97 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-29.37 dBm	-19.37 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57508 GHz	-37.48 dBm	-24.48 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57634 GHz	-41.81 dBm	-16.81 dB

Date: 12.OCT.2022 06:19:47

Lowest Band Edge / Full RB

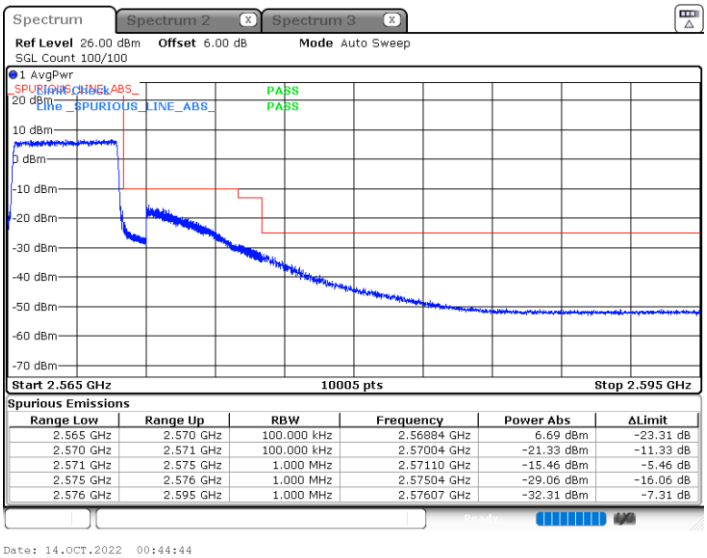


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49386 GHz	-35.57 dBm	-10.57 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-24.03 dBm	-11.03 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49893 GHz	-15.80 dBm	-5.80 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-20.98 dBm	-10.98 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50395 GHz	6.90 dBm	-23.10 dB

Date: 12.OCT.2022 06:14:01

Highest Band Edge / Full RB



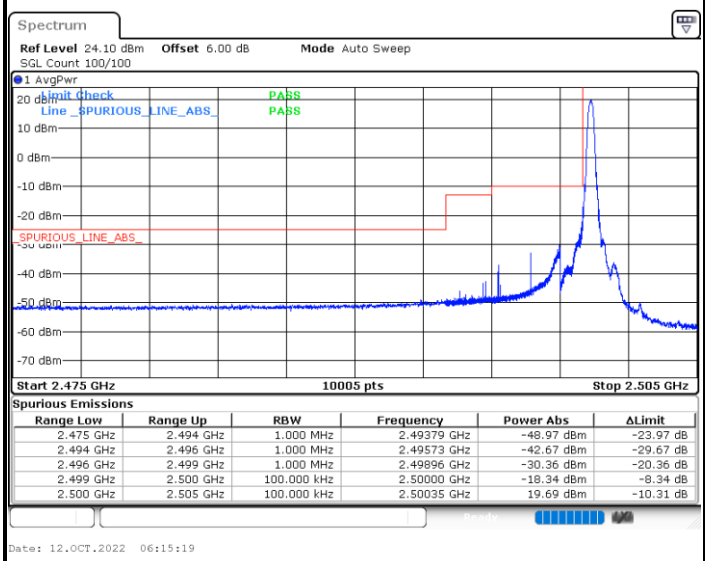
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56884 GHz	6.69 dBm	-23.31 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57004 GHz	-21.33 dBm	-11.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-15.46 dBm	-5.46 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-29.06 dBm	-16.06 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57607 GHz	-32.31 dBm	-7.31 dB

Date: 14.OCT.2022 00:44:44

LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

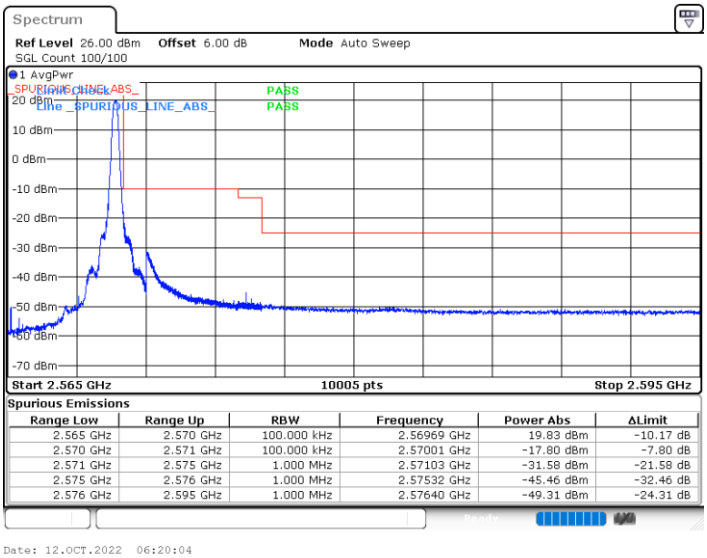


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49379 GHz	-48.97 dBm	-23.97 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49573 GHz	-42.67 dBm	-29.67 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-30.36 dBm	-20.36 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-18.34 dBm	-8.34 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50035 GHz	19.69 dBm	-10.31 dB

Date: 12.OCT.2022 06:15:19

Highest Band Edge / 1 RB

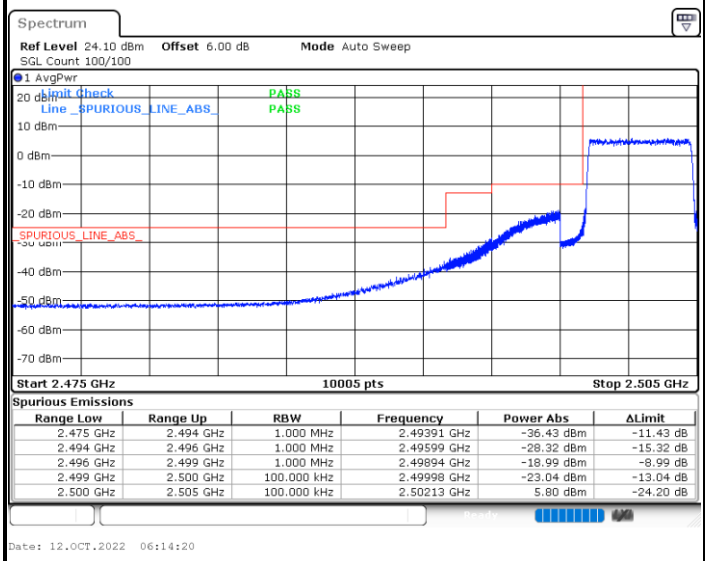


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56969 GHz	19.83 dBm	-10.17 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-17.80 dBm	-7.80 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-31.58 dBm	-21.58 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57532 GHz	-45.46 dBm	-32.46 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57640 GHz	-49.31 dBm	-24.31 dB

Date: 12.OCT.2022 06:20:04

Lowest Band Edge / Full RB

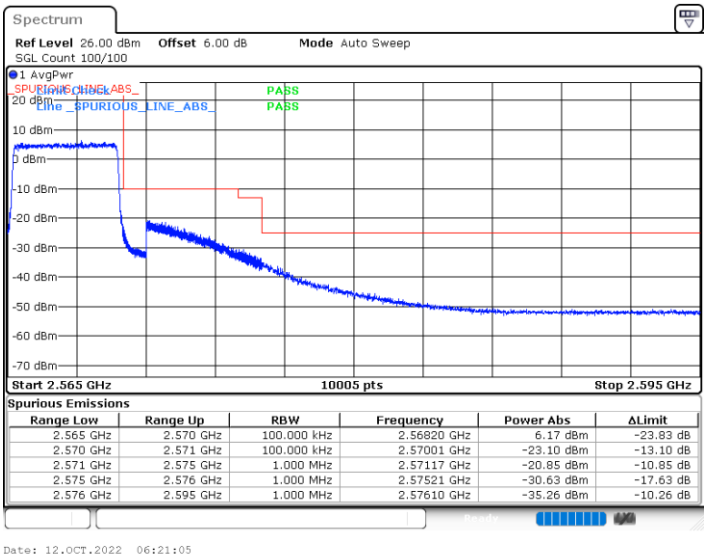


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49391 GHz	-36.43 dBm	-11.43 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-28.32 dBm	-15.32 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-18.99 dBm	-8.99 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-23.04 dBm	-13.04 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50213 GHz	5.80 dBm	-24.20 dB

Date: 12.OCT.2022 06:14:20

Highest Band Edge / Full RB



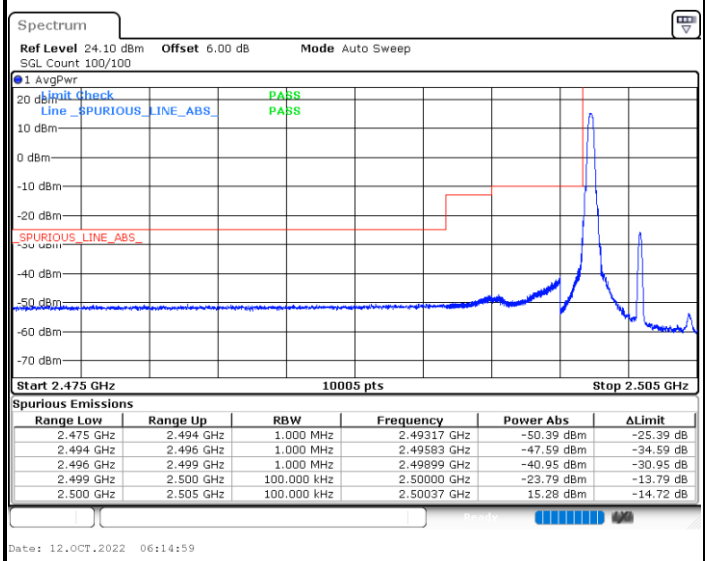
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56820 GHz	6.17 dBm	-23.83 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-23.10 dBm	-13.10 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-20.85 dBm	-10.85 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57521 GHz	-30.63 dBm	-17.63 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57610 GHz	-35.26 dBm	-10.26 dB

Date: 12.OCT.2022 06:21:05

LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB

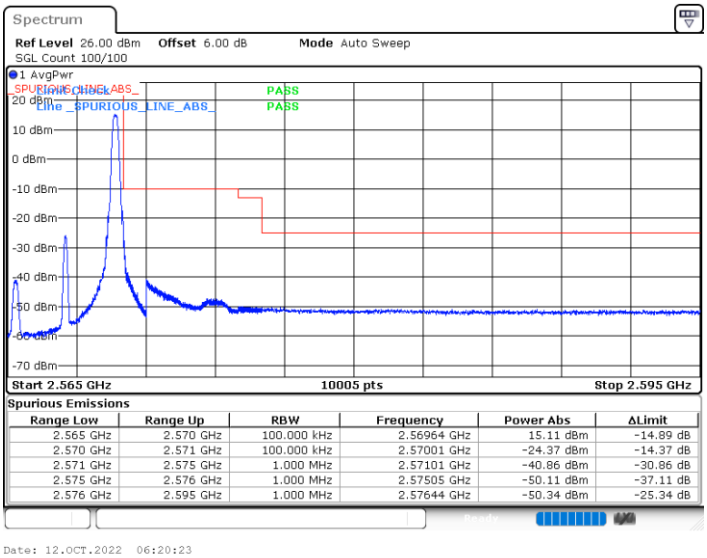


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49317 GHz	-50.39 dBm	-25.39 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49583 GHz	-47.59 dBm	-34.59 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-40.95 dBm	-30.95 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-23.79 dBm	-13.79 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50037 GHz	15.28 dBm	-14.72 dB

Date: 12.OCT.2022 06:14:59

Highest Band Edge / 1 RB

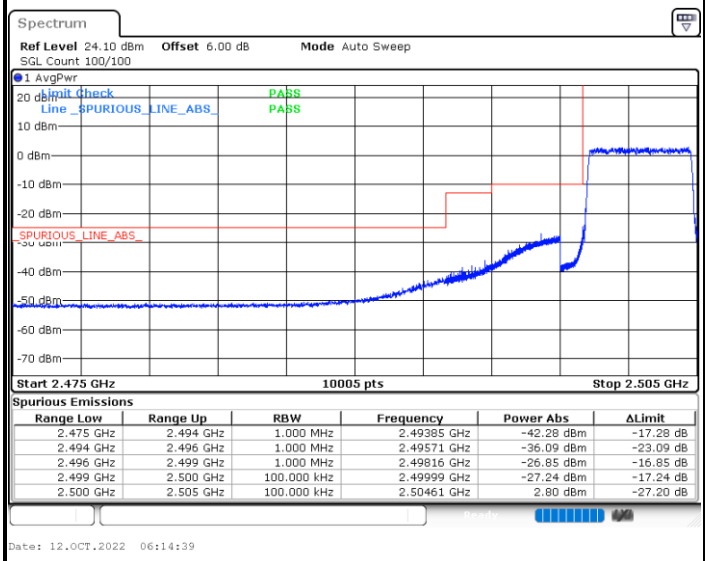


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56964 GHz	15.11 dBm	-14.89 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-24.37 dBm	-14.37 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-40.86 dBm	-30.86 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57505 GHz	-50.11 dBm	-37.11 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57644 GHz	-50.34 dBm	-25.34 dB

Date: 12.OCT.2022 06:20:23

Lowest Band Edge / Full RB

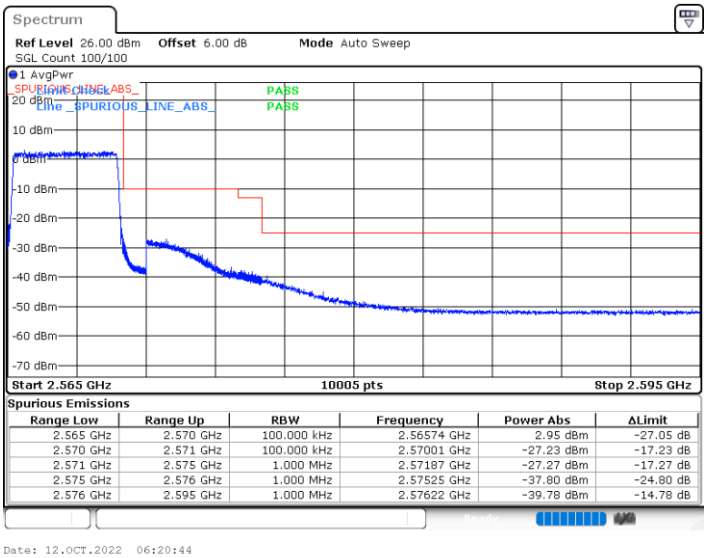


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49385 GHz	-42.28 dBm	-17.28 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49571 GHz	-36.09 dBm	-23.09 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49816 GHz	-26.85 dBm	-16.85 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-27.24 dBm	-17.24 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50461 GHz	2.80 dBm	-27.20 dB

Date: 12.OCT.2022 06:14:39

Highest Band Edge / Full RB



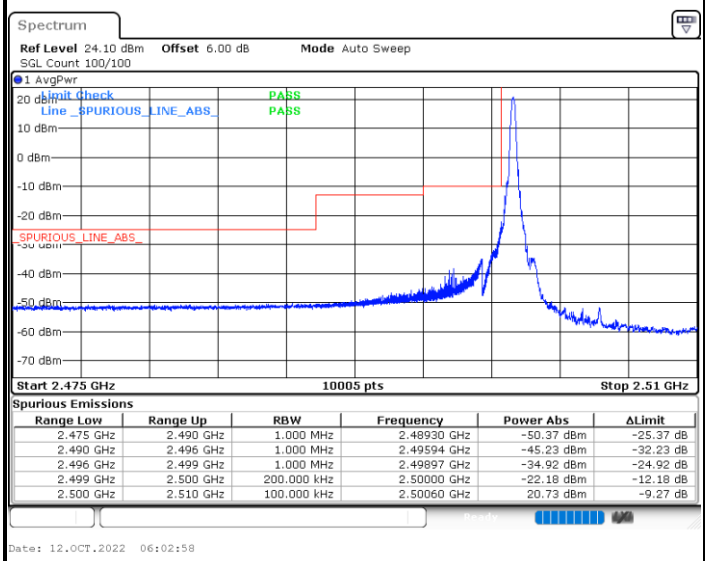
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56574 GHz	2.95 dBm	-27.05 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-27.23 dBm	-17.23 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57187 GHz	-27.27 dBm	-17.27 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57525 GHz	-37.80 dBm	-24.80 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57622 GHz	-39.78 dBm	-14.78 dB

Date: 12.OCT.2022 06:20:44

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

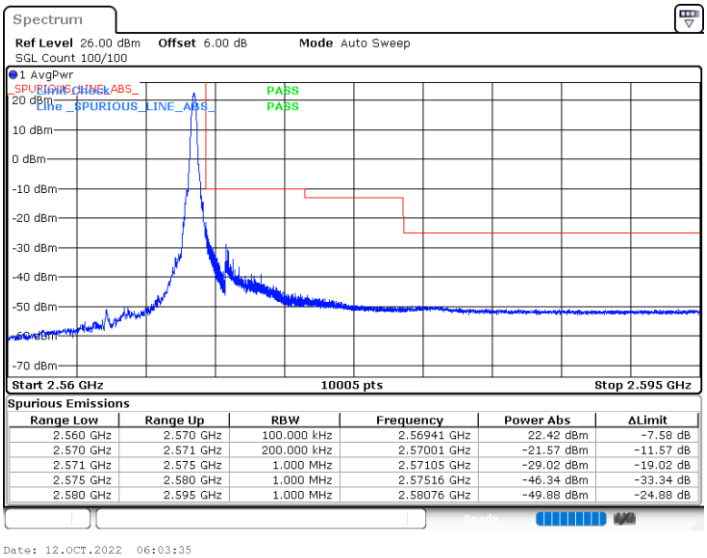


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48930 GHz	-50.37 dBm	-25.37 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-45.23 dBm	-32.23 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-34.92 dBm	-24.92 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-22.18 dBm	-12.18 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	20.73 dBm	-9.27 dB

Date: 12.OCT.2022 06:02:58

Highest Band Edge / 1 RB

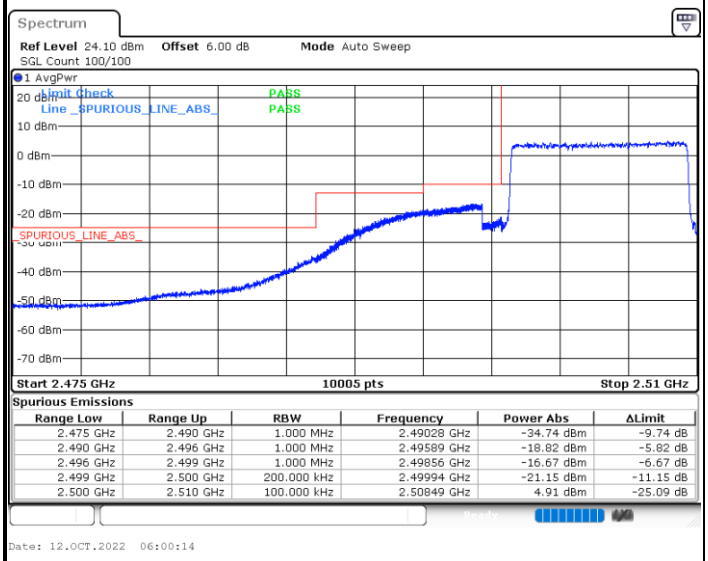


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	22.42 dBm	-7.58 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-21.57 dBm	-11.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-29.02 dBm	-19.02 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57516 GHz	-46.34 dBm	-33.34 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58076 GHz	-49.88 dBm	-24.88 dB

Date: 12.OCT.2022 06:03:35

Lowest Band Edge / Full RB

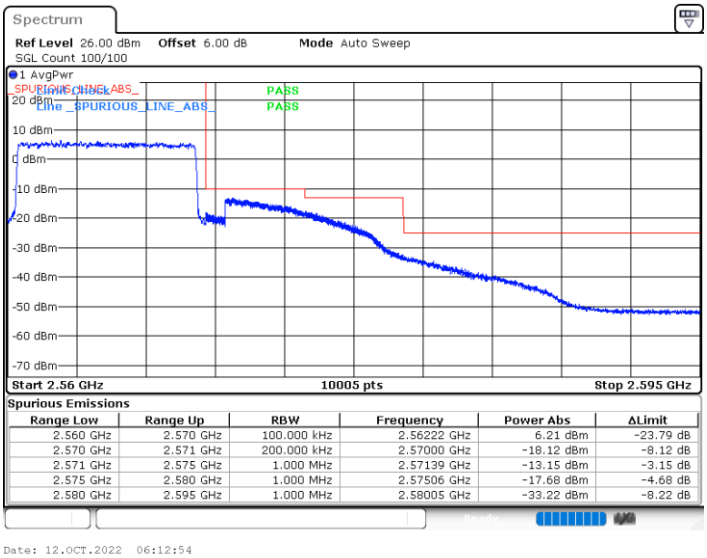


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49028 GHz	-34.74 dBm	-9.74 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-18.82 dBm	-5.82 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49856 GHz	-16.67 dBm	-6.67 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49994 GHz	-21.15 dBm	-11.15 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50849 GHz	4.91 dBm	-25.09 dB

Date: 12.OCT.2022 06:00:14

Highest Band Edge / Full RB



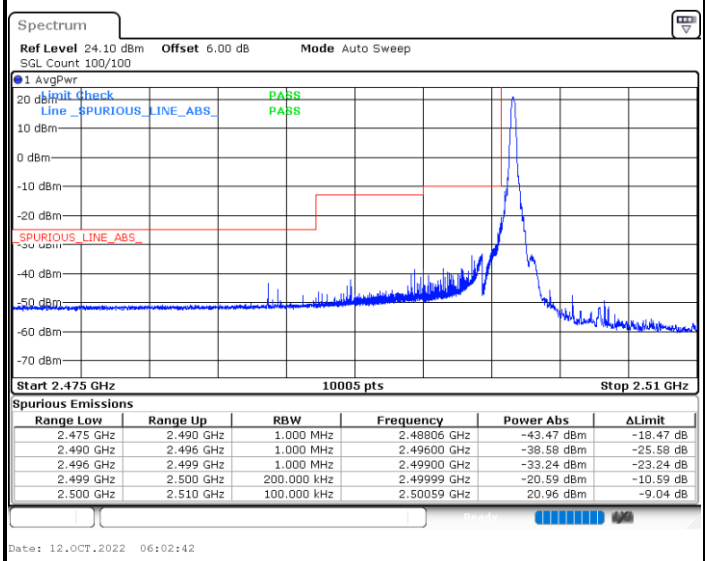
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56222 GHz	6.21 dBm	-23.79 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-18.12 dBm	-8.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57139 GHz	-13.15 dBm	-3.15 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57506 GHz	-17.68 dBm	-4.68 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58005 GHz	-33.22 dBm	-8.22 dB

Date: 12.OCT.2022 06:12:54

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

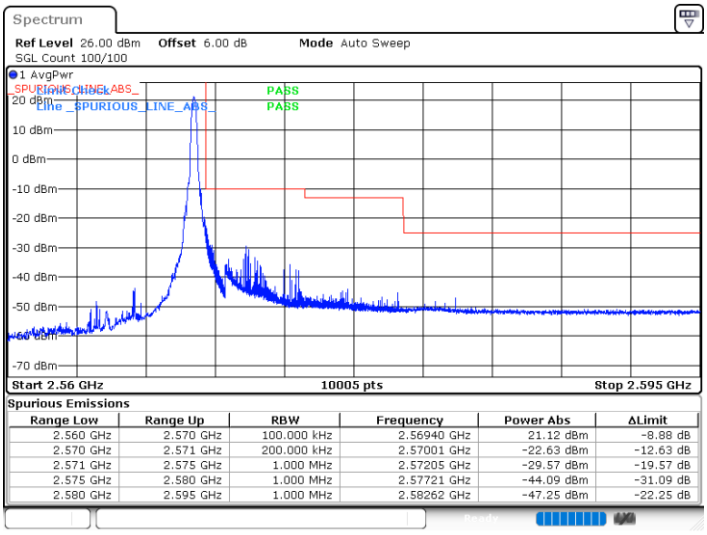


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48806 GHz	-43.47 dBm	-18.47 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49600 GHz	-38.58 dBm	-25.58 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-33.24 dBm	-23.24 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-20.59 dBm	-10.59 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	20.96 dBm	-9.04 dB

Date: 12.OCT.2022 06:02:42

Highest Band Edge / 1 RB

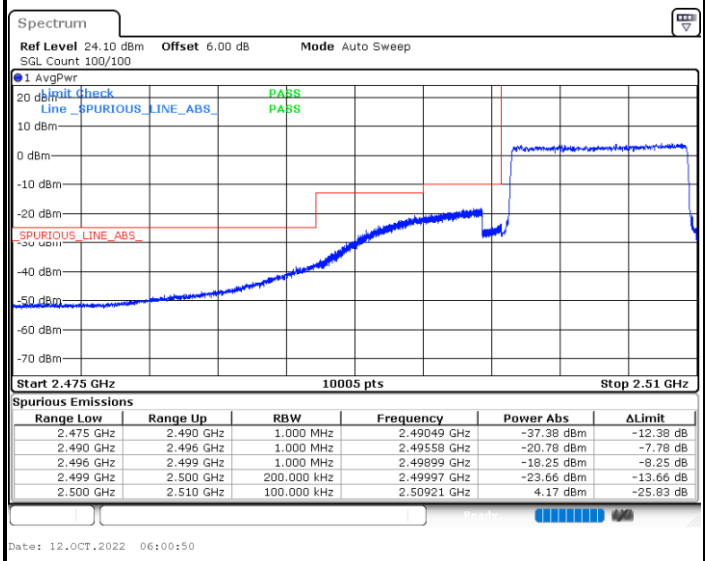


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56940 GHz	21.12 dBm	-8.88 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-22.63 dBm	-12.63 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57205 GHz	-29.57 dBm	-19.57 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57721 GHz	-44.09 dBm	-31.09 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58262 GHz	-47.25 dBm	-22.25 dB

Date: 12.OCT.2022 06:03:55

Lowest Band Edge / Full RB

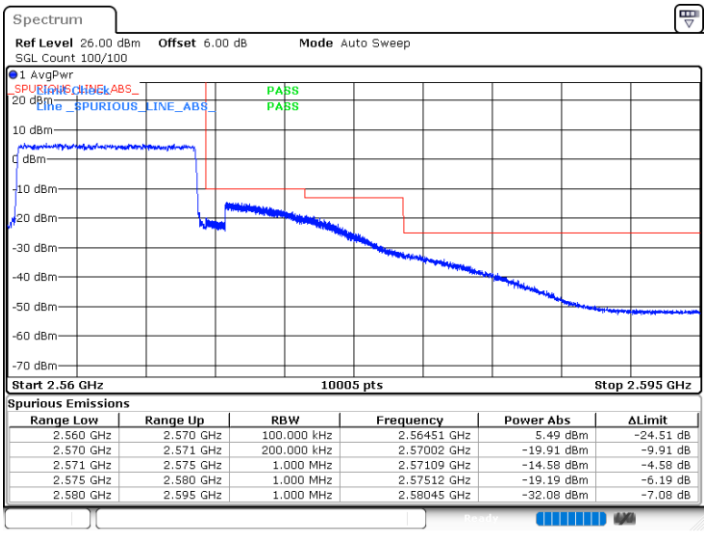


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-37.38 dBm	-12.38 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49558 GHz	-20.78 dBm	-7.78 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-18.25 dBm	-8.25 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49997 GHz	-23.66 dBm	-13.66 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50921 GHz	4.17 dBm	-25.83 dB

Date: 12.OCT.2022 06:00:50

Highest Band Edge / Full RB



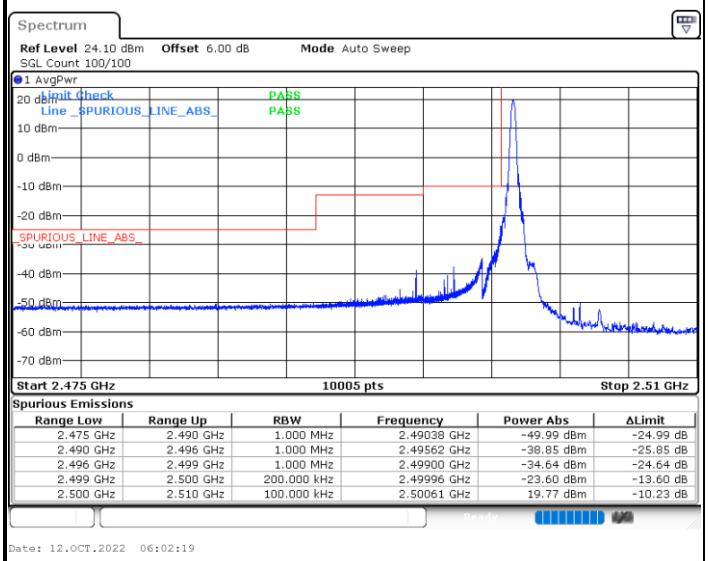
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56451 GHz	5.49 dBm	-24.51 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-19.91 dBm	-9.91 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-14.58 dBm	-4.58 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57512 GHz	-19.19 dBm	-6.19 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58045 GHz	-32.08 dBm	-7.08 dB

Date: 12.OCT.2022 06:12:35

LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

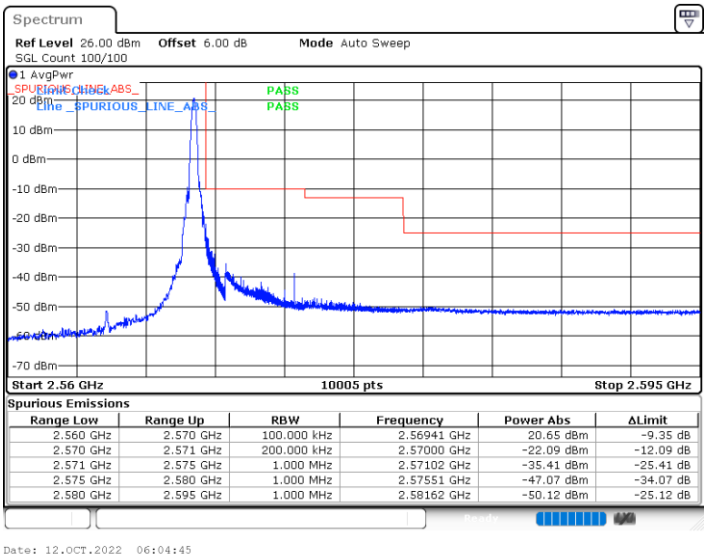


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49038 GHz	-49.99 dBm	-24.99 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49562 GHz	-38.85 dBm	-25.85 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-34.64 dBm	-24.64 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49996 GHz	-23.60 dBm	-13.60 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50061 GHz	19.77 dBm	-10.23 dB

Date: 12.OCT.2022 06:02:19

Highest Band Edge / 1 RB

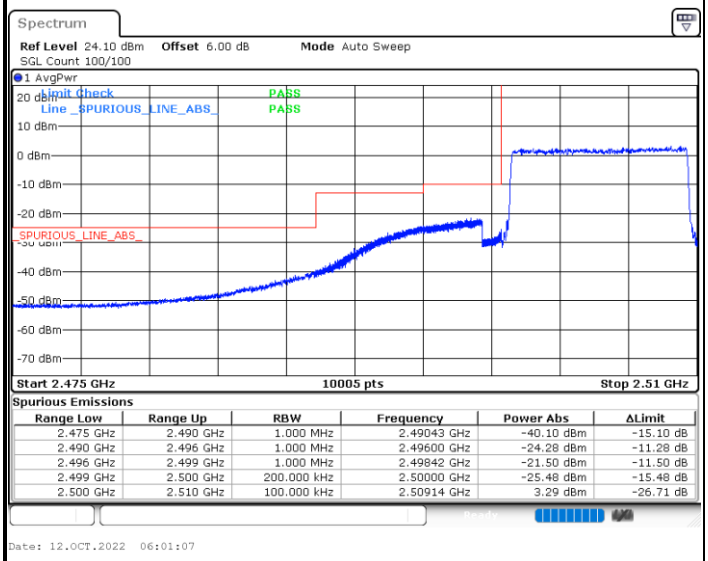


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	20.65 dBm	-9.35 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-22.09 dBm	-12.09 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-35.41 dBm	-25.41 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57551 GHz	-47.07 dBm	-34.07 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58162 GHz	-50.12 dBm	-25.12 dB

Date: 12.OCT.2022 06:04:45

Lowest Band Edge / Full RB

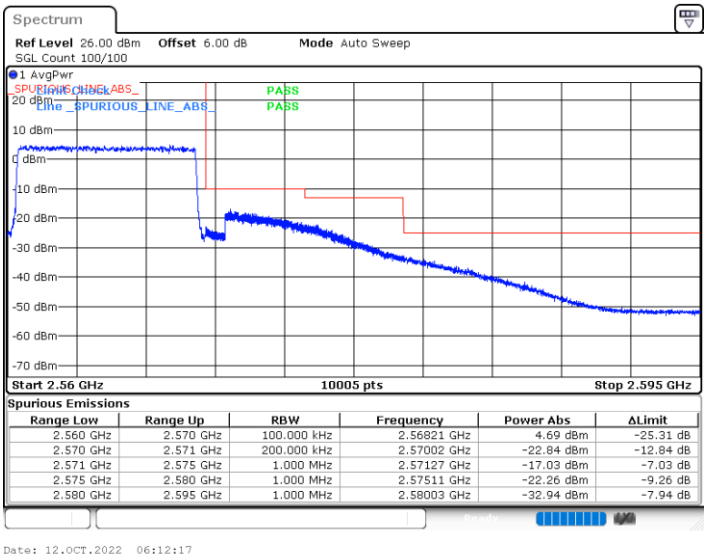


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-40.10 dBm	-15.10 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49600 GHz	-24.28 dBm	-11.28 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49842 GHz	-21.50 dBm	-11.50 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-25.48 dBm	-15.48 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50914 GHz	3.29 dBm	-26.71 dB

Date: 12.OCT.2022 06:01:07

Highest Band Edge / Full RB



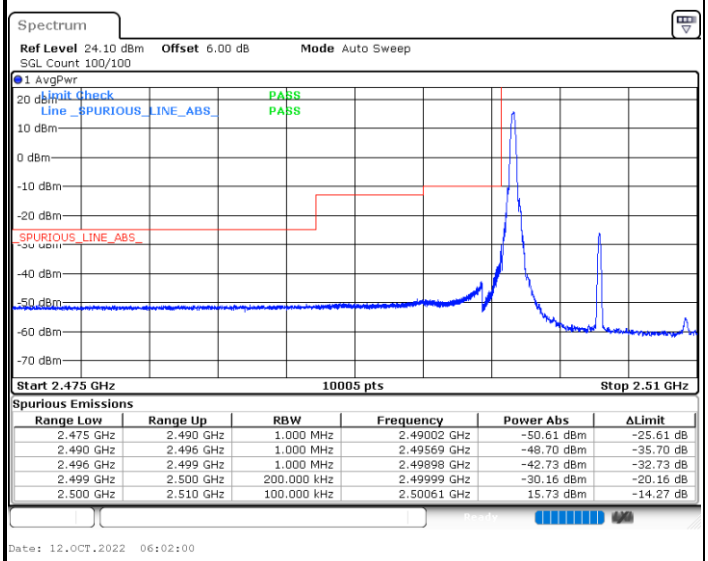
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56821 GHz	4.69 dBm	-25.31 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-22.84 dBm	-12.84 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57127 GHz	-17.03 dBm	-7.03 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57511 GHz	-22.26 dBm	-9.26 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58003 GHz	-32.94 dBm	-7.94 dB

Date: 12.OCT.2022 06:12:17

LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1RB

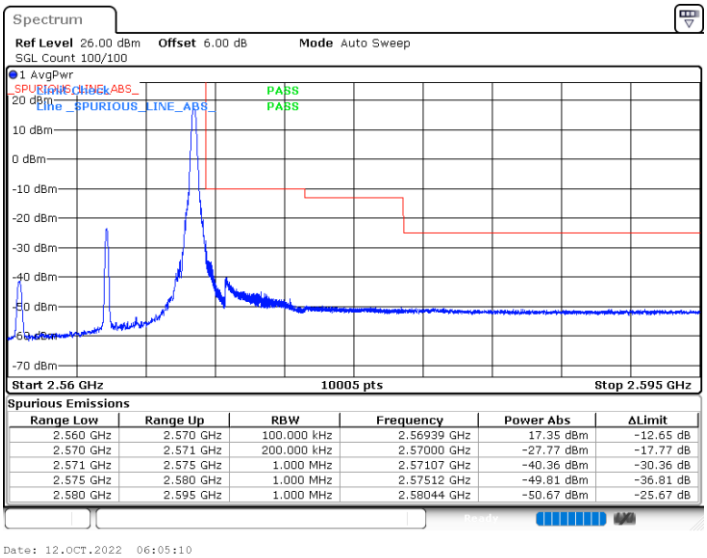


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49002 GHz	-50.61 dBm	-25.61 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49569 GHz	-48.70 dBm	-35.70 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-42.73 dBm	-32.73 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-30.16 dBm	-20.16 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50061 GHz	15.73 dBm	-14.27 dB

Date: 12.OCT.2022 06:02:00

Highest Band Edge / 1 RB

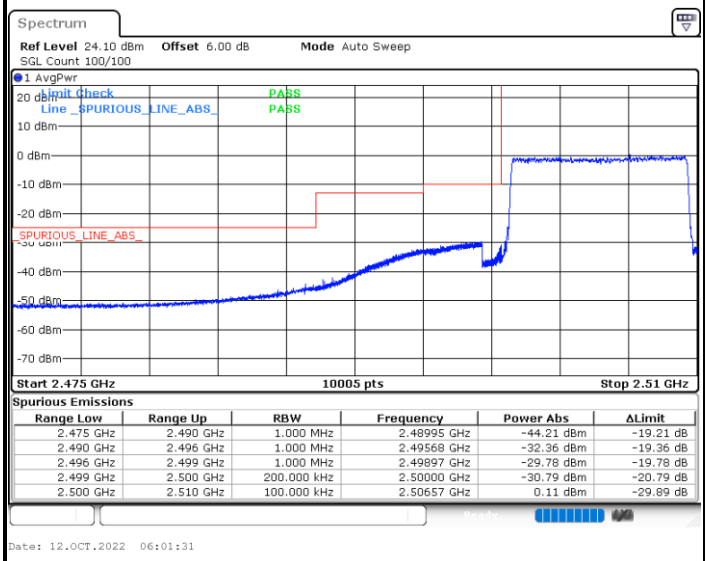


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56939 GHz	17.35 dBm	-12.65 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-27.77 dBm	-17.77 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-40.36 dBm	-30.36 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57512 GHz	-49.81 dBm	-36.81 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58044 GHz	-50.67 dBm	-25.67 dB

Date: 12.OCT.2022 06:05:10

Lowest Band Edge / Full RB

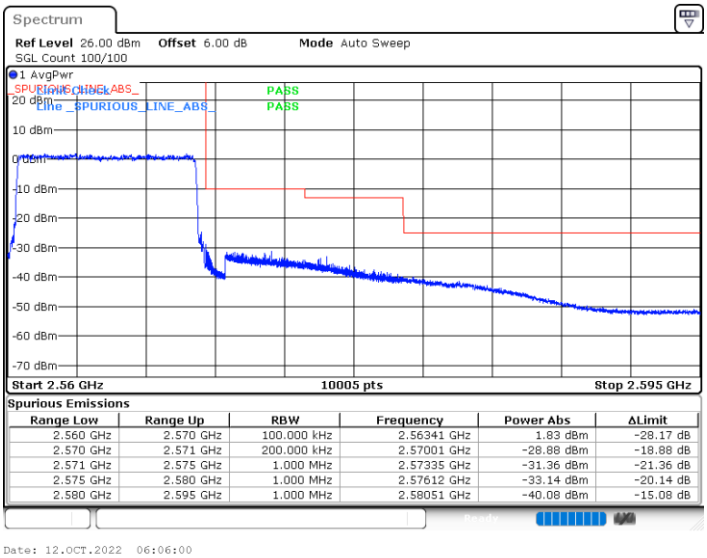


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48995 GHz	-44.21 dBm	-19.21 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49568 GHz	-32.36 dBm	-19.36 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-29.78 dBm	-19.78 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-30.79 dBm	-20.79 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50657 GHz	0.11 dBm	-29.89 dB

Date: 12.OCT.2022 06:01:31

Highest Band Edge / Full RB



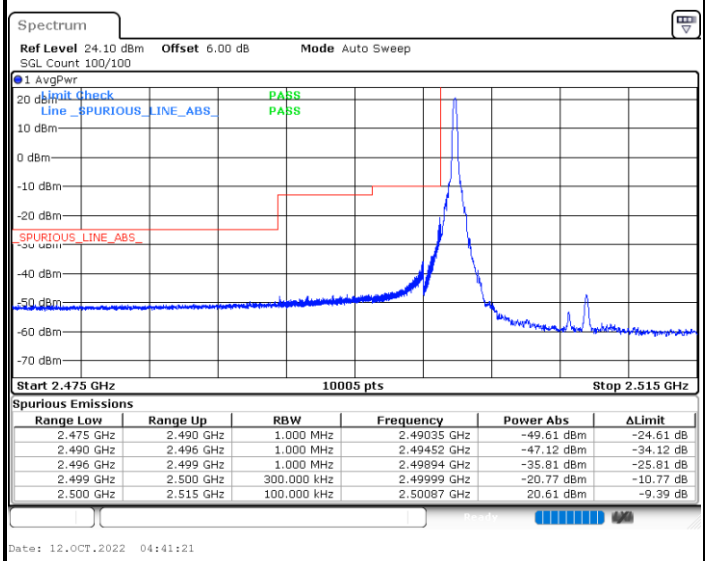
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56341 GHz	1.83 dBm	-28.17 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-28.88 dBm	-18.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57335 GHz	-31.36 dBm	-21.36 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57612 GHz	-33.14 dBm	-20.14 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58051 GHz	-40.08 dBm	-15.08 dB

Date: 12.OCT.2022 06:06:00

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

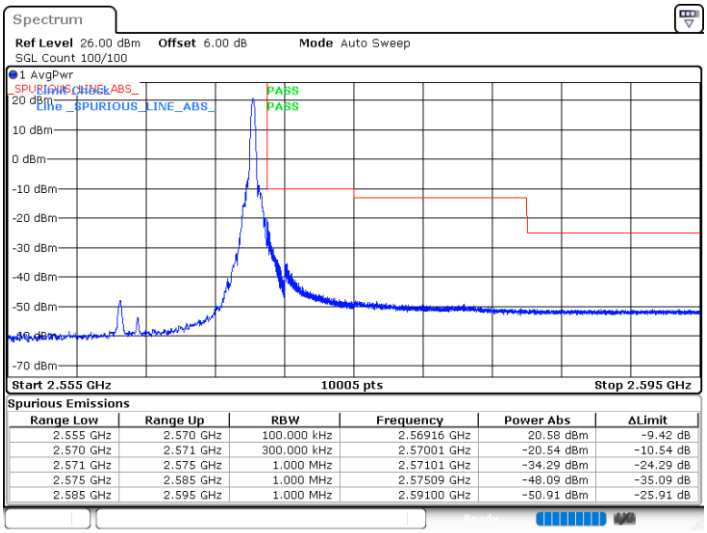


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49035 GHz	-49.61 dBm	-24.61 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49452 GHz	-47.12 dBm	-34.12 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-35.81 dBm	-25.81 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-20.77 dBm	-10.77 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50087 GHz	20.61 dBm	-9.39 dB

Date: 12.OCT.2022 04:41:21

Highest Band Edge / 1 RB

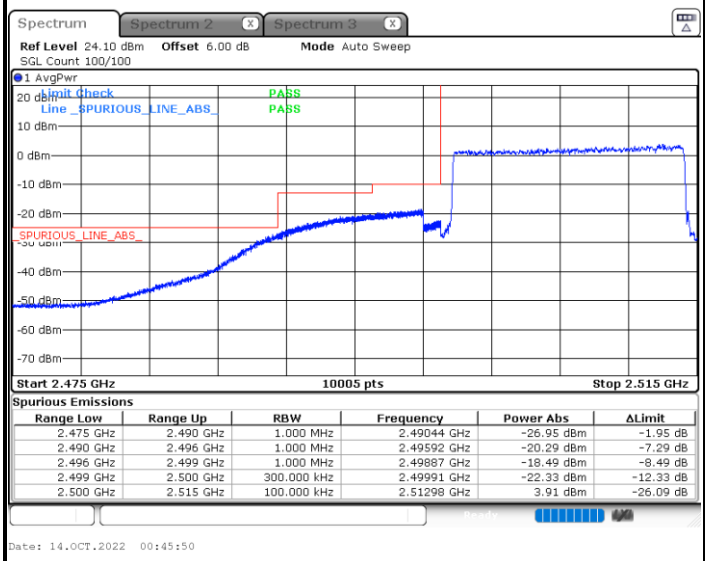


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	20.58 dBm	-9.42 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-20.54 dBm	-10.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-34.29 dBm	-24.29 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57509 GHz	-48.09 dBm	-35.09 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59100 GHz	-50.91 dBm	-25.91 dB

Date: 12.OCT.2022 04:42:49

Lowest Band Edge / Full RB

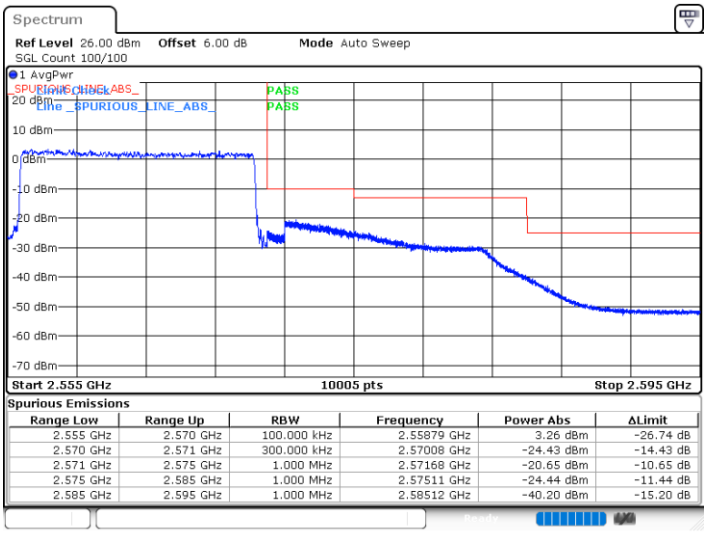


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-26.95 dBm	-1.95 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49592 GHz	-20.29 dBm	-7.29 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-18.49 dBm	-8.49 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49991 GHz	-22.33 dBm	-12.33 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51298 GHz	3.91 dBm	-26.09 dB

Date: 14.OCT.2022 00:45:50

Highest Band Edge / Full RB



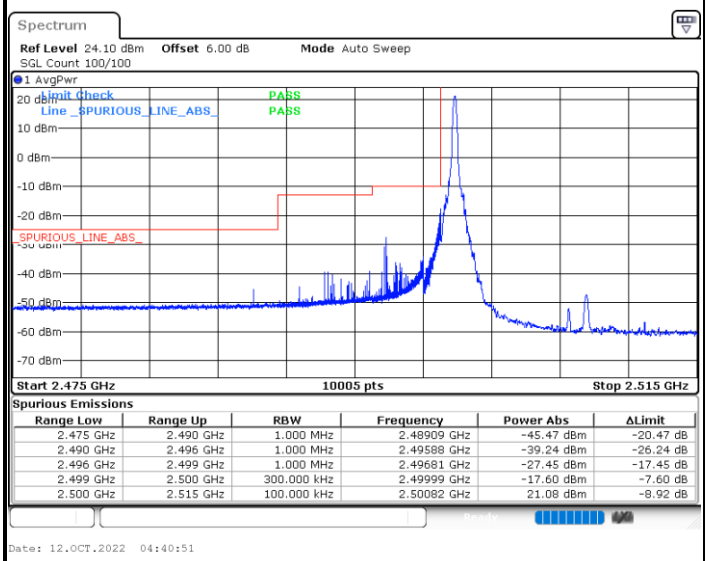
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55879 GHz	3.26 dBm	-26.74 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57008 GHz	-24.43 dBm	-14.43 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57168 GHz	-20.65 dBm	-10.65 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57511 GHz	-24.44 dBm	-11.44 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58512 GHz	-40.20 dBm	-15.20 dB

Date: 12.OCT.2022 05:57:58

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

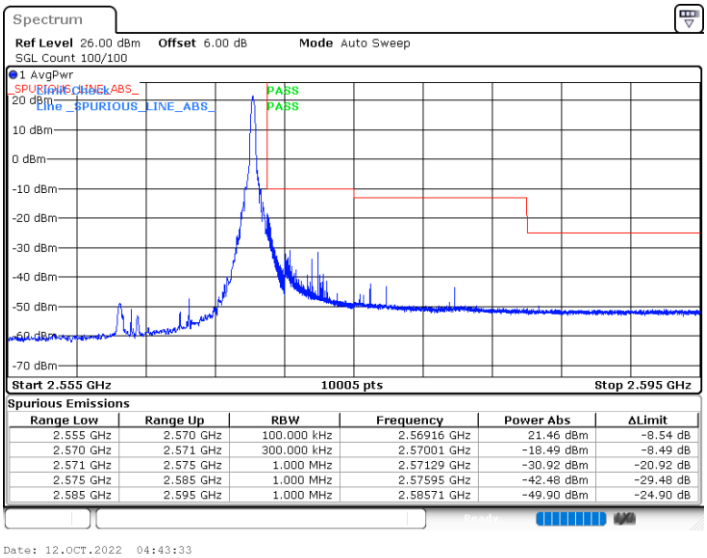


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48909 GHz	-45.47 dBm	-20.47 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49588 GHz	-39.24 dBm	-26.24 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49681 GHz	-27.45 dBm	-17.45 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-17.60 dBm	-7.60 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	21.08 dBm	-8.92 dB

Date: 12.OCT.2022 04:40:51

Highest Band Edge / 1 RB

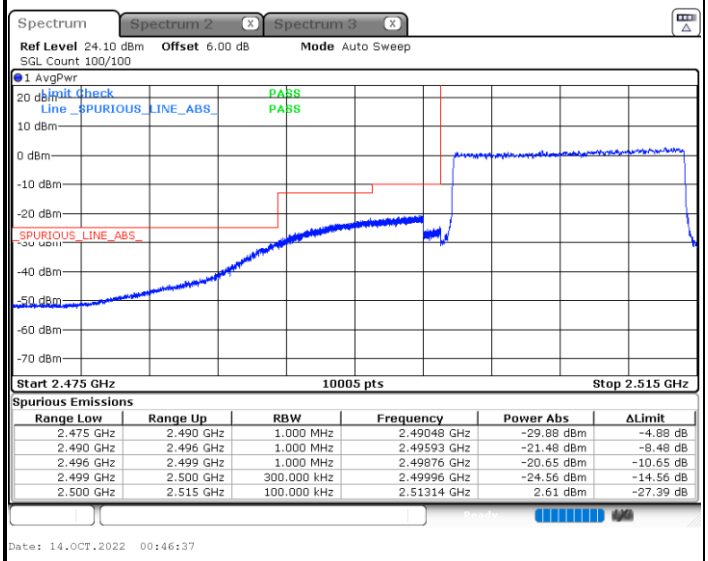


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	21.46 dBm	-8.54 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-18.49 dBm	-8.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57129 GHz	-30.92 dBm	-20.92 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57595 GHz	-42.48 dBm	-29.48 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58571 GHz	-49.90 dBm	-24.90 dB

Date: 12.OCT.2022 04:43:33

Lowest Band Edge / Full RB

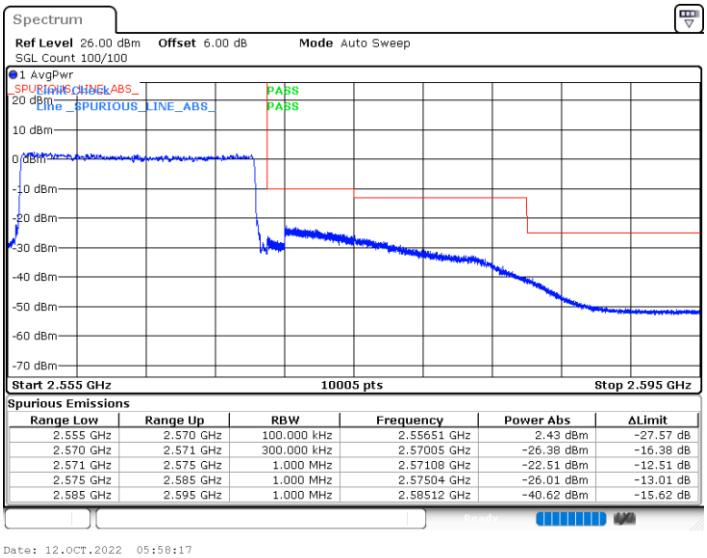


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-29.88 dBm	-4.88 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-21.48 dBm	-8.48 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49876 GHz	-20.65 dBm	-10.65 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49996 GHz	-24.56 dBm	-14.56 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51314 GHz	2.61 dBm	-27.39 dB

Date: 14.OCT.2022 00:46:37

Highest Band Edge / Full RB



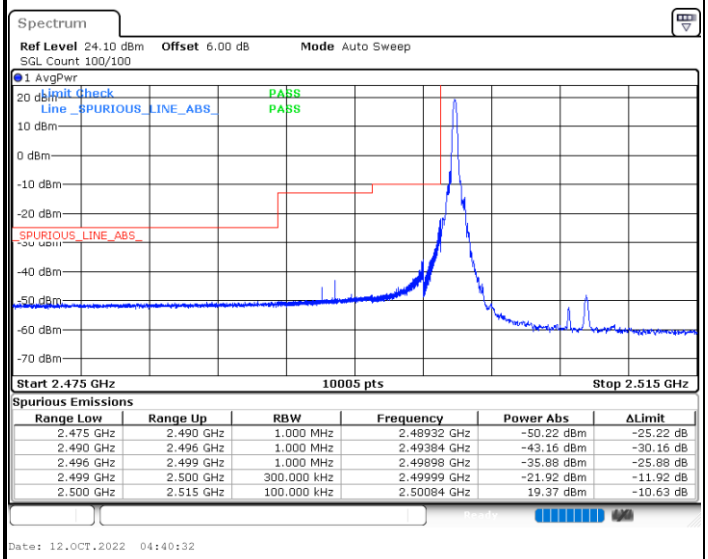
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55651 GHz	2.43 dBm	-27.57 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-26.38 dBm	-16.38 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-22.51 dBm	-12.51 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57504 GHz	-26.01 dBm	-13.01 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58512 GHz	-40.62 dBm	-15.62 dB

Date: 12.OCT.2022 05:58:17

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

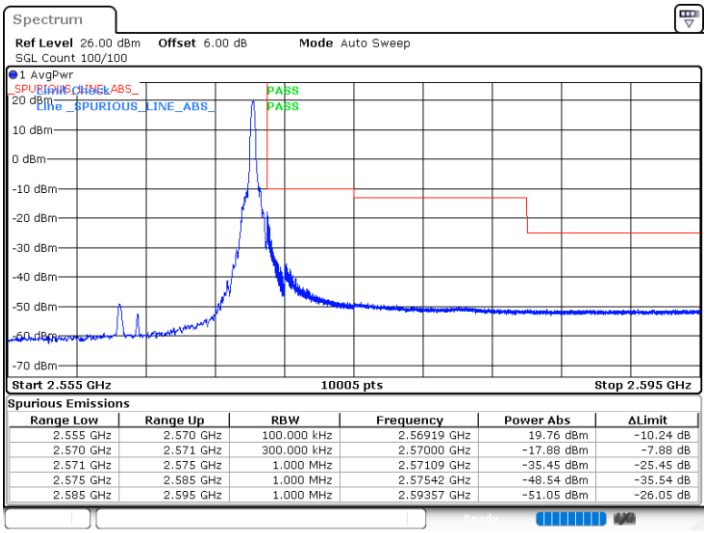


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48932 GHz	-50.22 dBm	-25.22 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49384 GHz	-43.16 dBm	-30.16 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-35.88 dBm	-25.88 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-21.92 dBm	-11.92 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	19.37 dBm	-10.63 dB

Date: 12.OCT.2022 04:40:32

Highest Band Edge / 1 RB

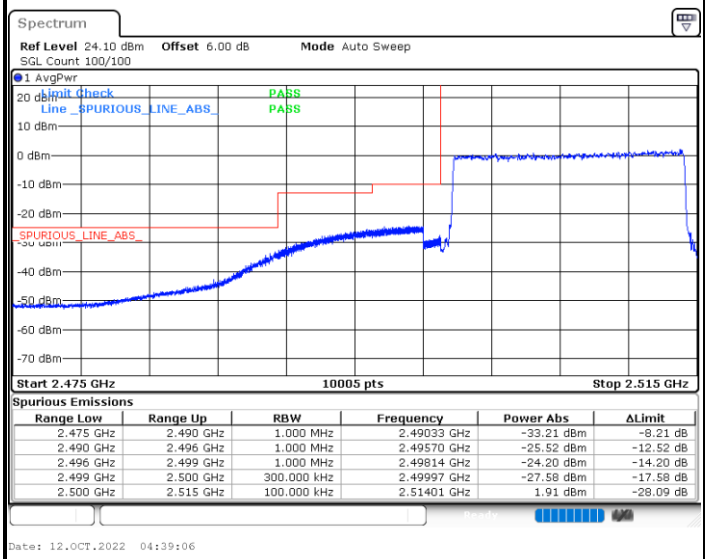


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56919 GHz	19.76 dBm	-10.24 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-17.88 dBm	-7.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-35.45 dBm	-25.45 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57542 GHz	-48.54 dBm	-35.54 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59357 GHz	-51.05 dBm	-26.05 dB

Date: 12.OCT.2022 04:44:18

Lowest Band Edge / Full RB

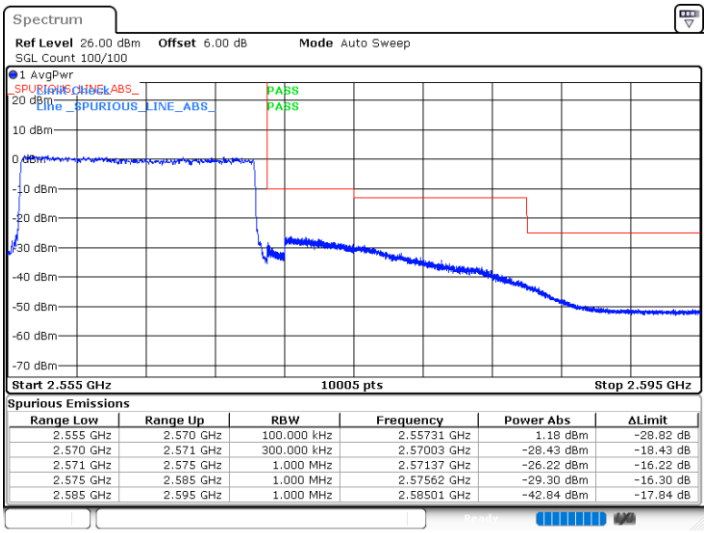


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49033 GHz	-33.21 dBm	-8.21 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49570 GHz	-25.52 dBm	-12.52 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49814 GHz	-24.20 dBm	-14.20 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49997 GHz	-27.58 dBm	-17.58 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51401 GHz	1.91 dBm	-28.09 dB

Date: 12.OCT.2022 04:39:06

Highest Band Edge / Full RB



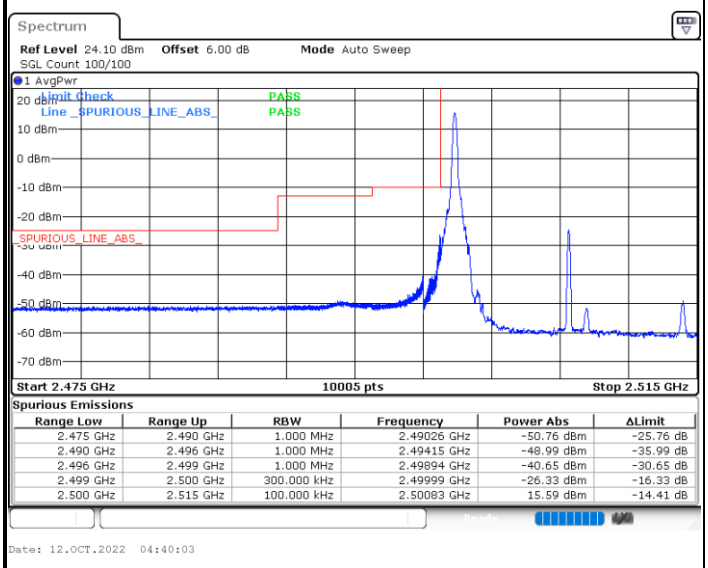
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55731 GHz	1.18 dBm	-28.82 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-28.43 dBm	-18.43 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57137 GHz	-26.22 dBm	-16.22 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57562 GHz	-29.30 dBm	-16.30 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58501 GHz	-42.84 dBm	-17.84 dB

Date: 12.OCT.2022 05:58:38

LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1RB

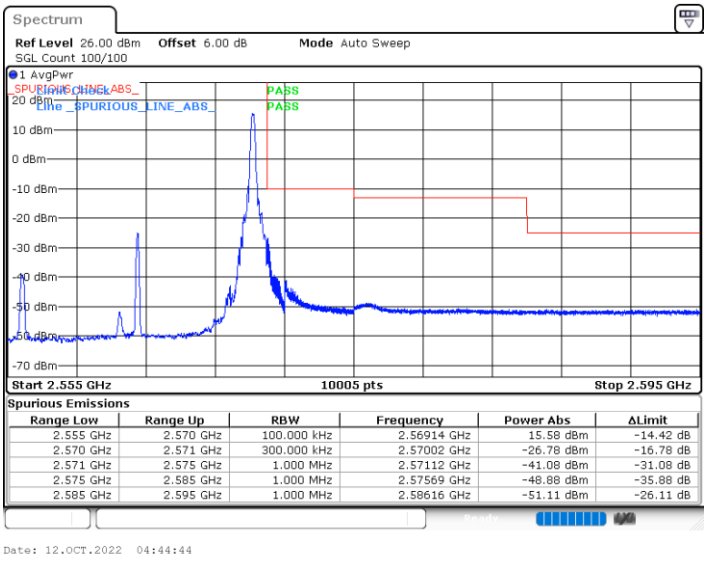


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49026 GHz	-50.76 dBm	-25.76 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49415 GHz	-48.99 dBm	-35.99 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-40.65 dBm	-30.65 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-26.33 dBm	-16.33 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50083 GHz	15.59 dBm	-14.41 dB

Date: 12.OCT.2022 04:40:03

Highest Band Edge / 1 RB

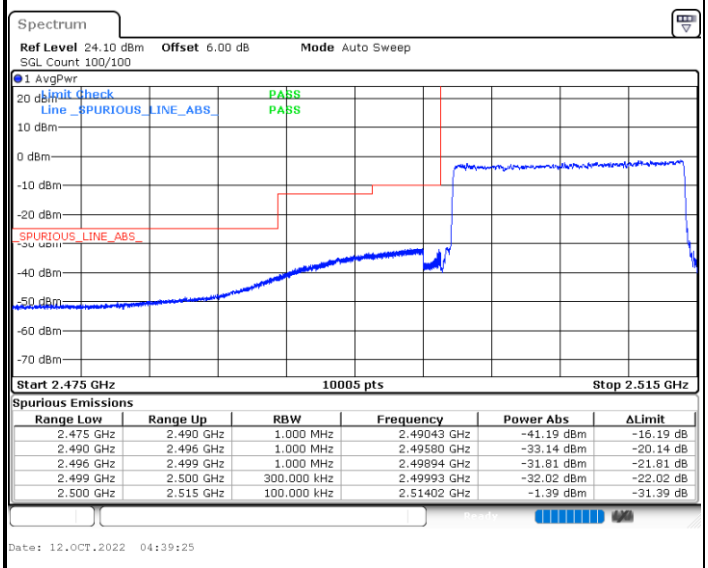


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	15.58 dBm	-14.42 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-26.78 dBm	-16.78 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57112 GHz	-41.08 dBm	-31.08 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57569 GHz	-48.88 dBm	-35.88 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58616 GHz	-51.11 dBm	-26.11 dB

Date: 12.OCT.2022 04:44:44

Lowest Band Edge / Full RB

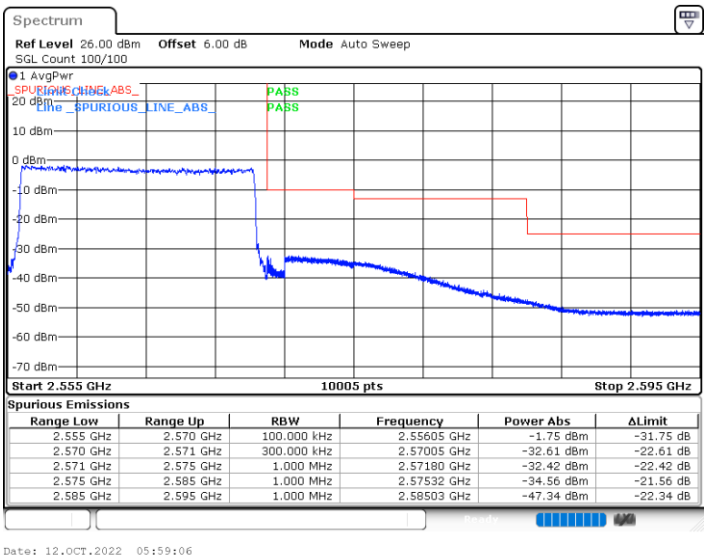


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-41.19 dBm	-16.19 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49580 GHz	-33.14 dBm	-20.14 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-31.81 dBm	-21.81 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49993 GHz	-32.02 dBm	-22.02 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51402 GHz	-1.39 dBm	-31.39 dB

Date: 12.OCT.2022 04:39:25

Highest Band Edge / Full RB



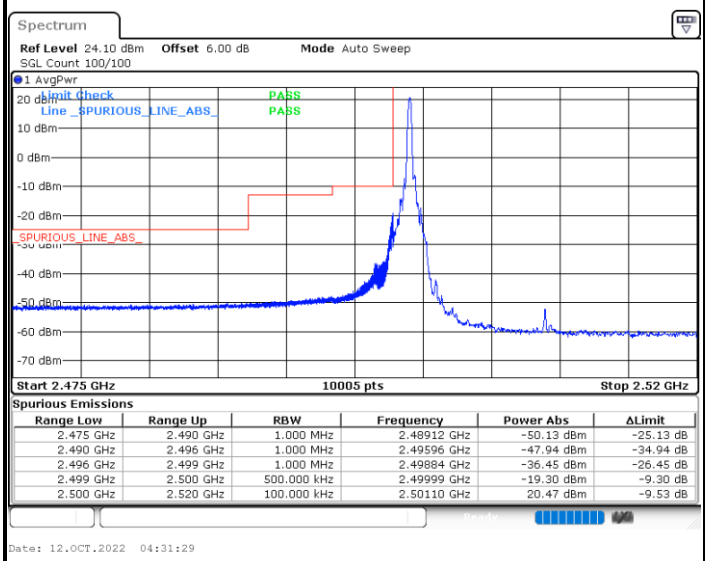
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55605 GHz	-1.75 dBm	-31.75 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-32.61 dBm	-22.61 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57180 GHz	-32.42 dBm	-22.42 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57532 GHz	-34.56 dBm	-21.56 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58503 GHz	-47.34 dBm	-22.34 dB

Date: 12.OCT.2022 05:59:06

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

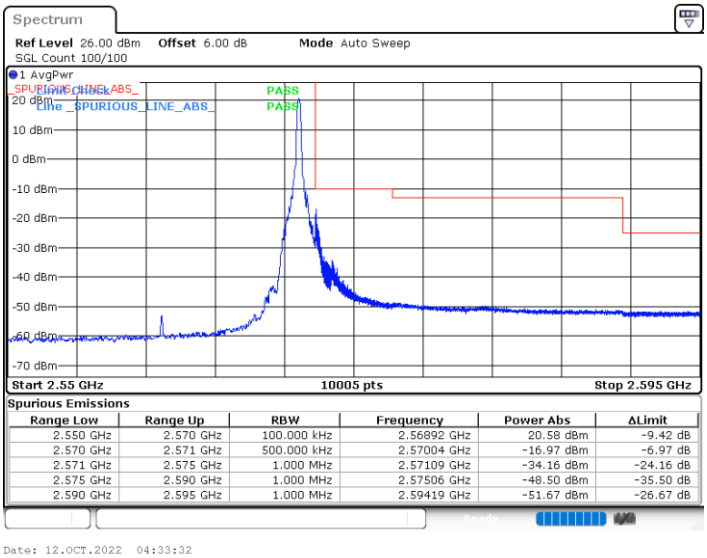


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48912 GHz	-50.13 dBm	-25.13 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-47.94 dBm	-34.94 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-36.45 dBm	-26.45 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-19.30 dBm	-9.30 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	20.47 dBm	-9.53 dB

Date: 12.OCT.2022 04:31:29

Highest Band Edge / 1 RB

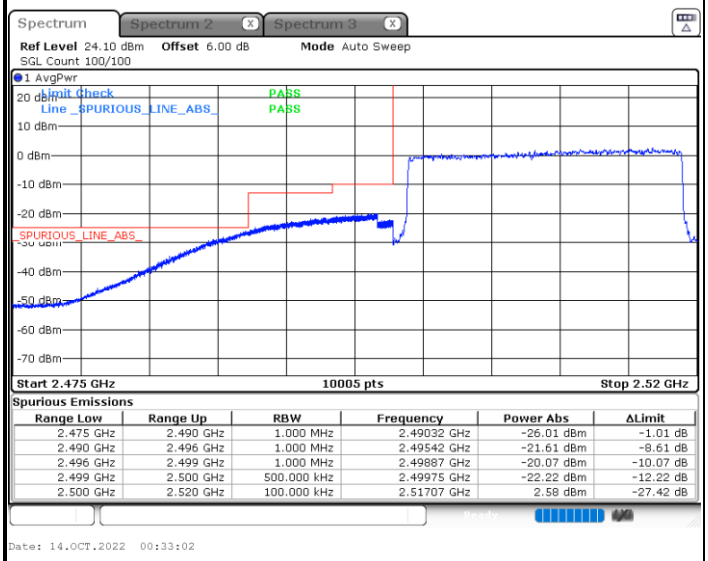


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	20.58 dBm	-9.42 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-16.97 dBm	-6.97 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-34.16 dBm	-24.16 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57506 GHz	-48.50 dBm	-35.50 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59419 GHz	-51.67 dBm	-26.67 dB

Date: 12.OCT.2022 04:33:32

Lowest Band Edge / Full RB

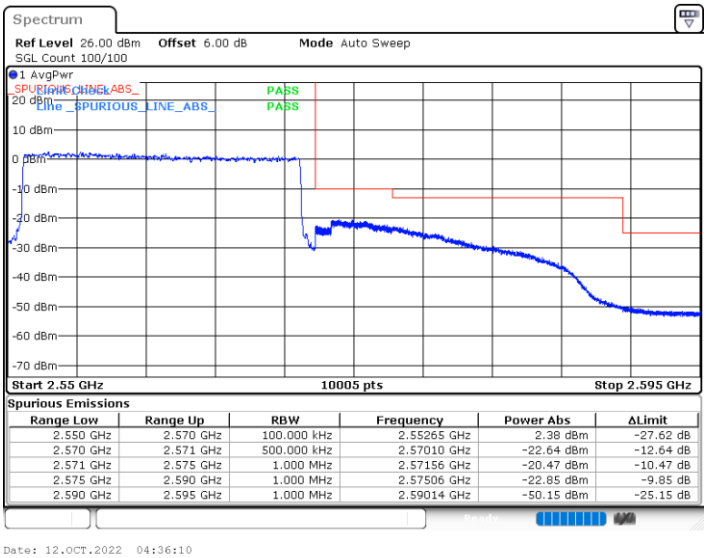


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49032 GHz	-26.01 dBm	-1.01 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49542 GHz	-21.61 dBm	-8.61 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-20.07 dBm	-10.07 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49975 GHz	-22.22 dBm	-12.22 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51707 GHz	2.58 dBm	-27.42 dB

Date: 14.OCT.2022 00:33:02

Highest Band Edge / Full RB



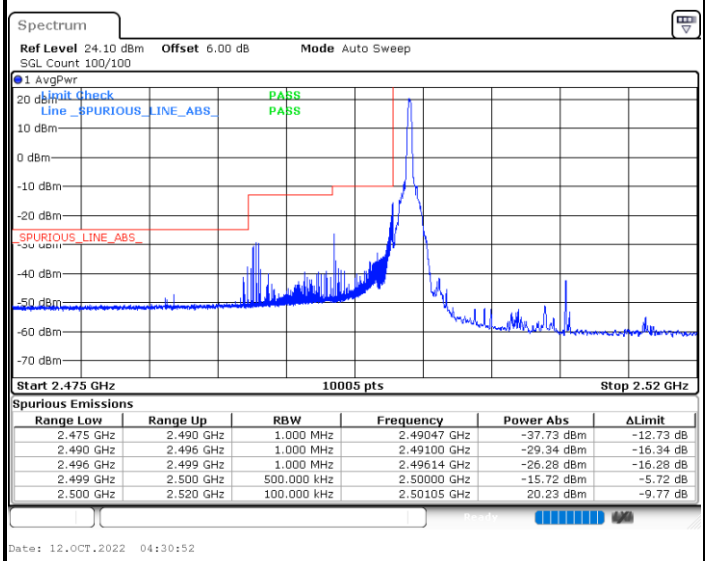
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55265 GHz	2.38 dBm	-27.62 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57010 GHz	-22.64 dBm	-12.64 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57156 GHz	-20.47 dBm	-10.47 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57506 GHz	-22.85 dBm	-9.85 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59014 GHz	-50.15 dBm	-25.15 dB

Date: 12.OCT.2022 04:36:10

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

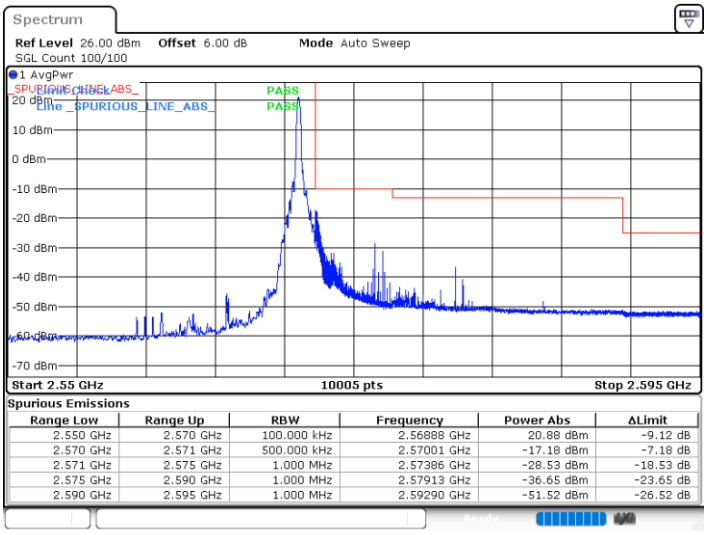


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-37.73 dBm	-12.73 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49100 GHz	-29.34 dBm	-16.34 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49614 GHz	-26.28 dBm	-16.28 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-15.72 dBm	-5.72 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50105 GHz	20.23 dBm	-9.77 dB

Date: 12.OCT.2022 04:30:52

Highest Band Edge / 1 RB

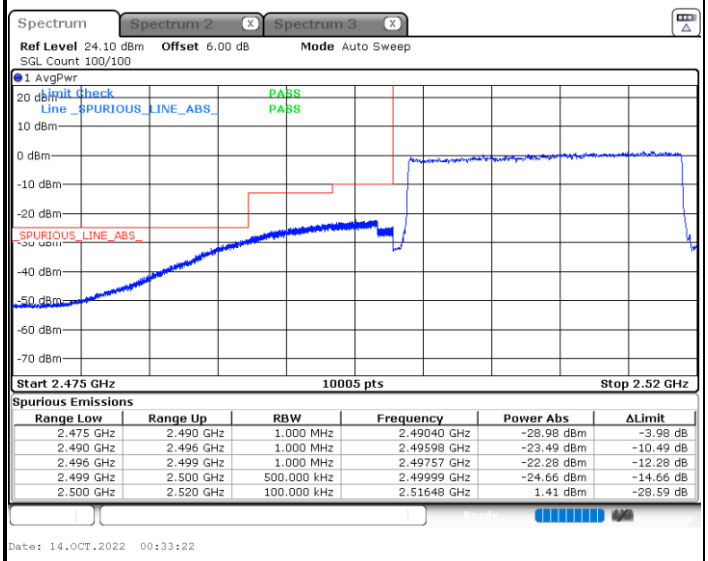


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56888 GHz	20.88 dBm	-9.12 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-17.18 dBm	-7.18 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57386 GHz	-28.53 dBm	-18.53 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57913 GHz	-36.65 dBm	-23.65 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59290 GHz	-51.52 dBm	-26.52 dB

Date: 12.OCT.2022 04:33:52

Lowest Band Edge / Full RB

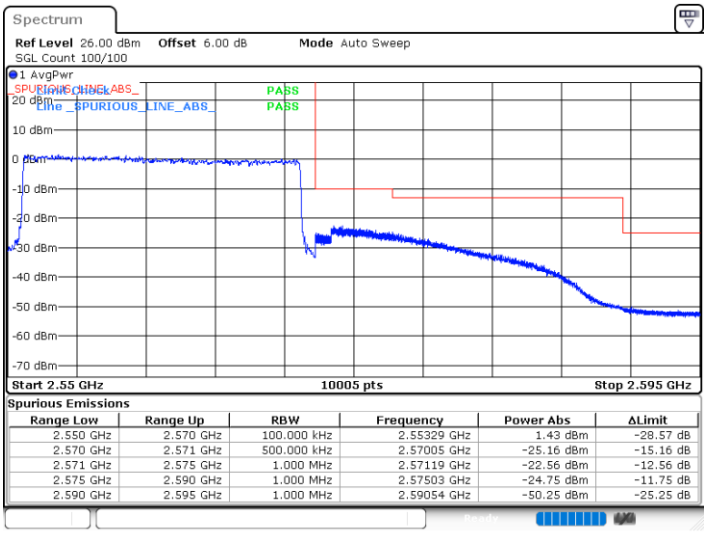


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-28.98 dBm	-3.98 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-23.49 dBm	-10.49 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49757 GHz	-22.28 dBm	-12.28 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-24.66 dBm	-14.66 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51648 GHz	1.41 dBm	-28.59 dB

Date: 14.OCT.2022 00:33:22

Highest Band Edge / Full RB



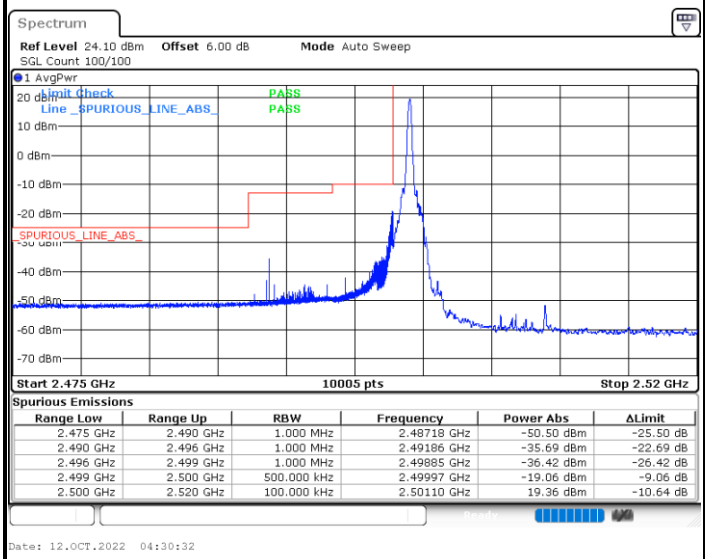
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55329 GHz	1.43 dBm	-28.57 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57005 GHz	-25.16 dBm	-15.16 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-22.56 dBm	-12.56 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-24.75 dBm	-11.75 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59054 GHz	-50.25 dBm	-25.25 dB

Date: 12.OCT.2022 04:35:49

LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

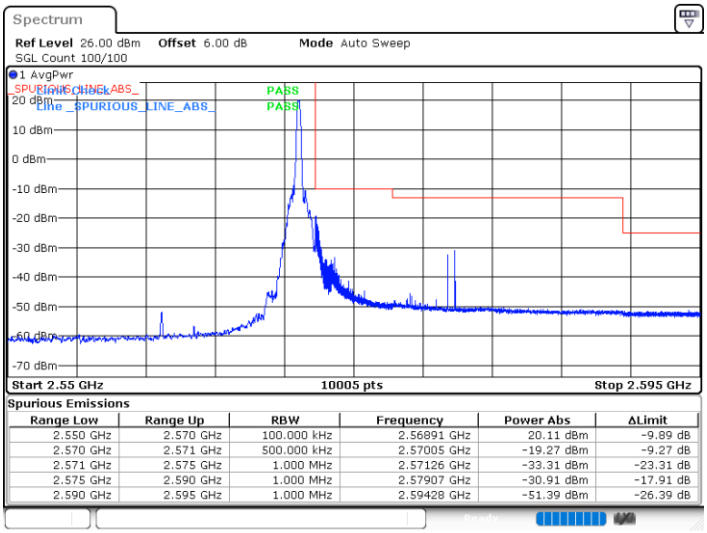


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48718 GHz	-50.50 dBm	-25.50 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49186 GHz	-35.69 dBm	-22.69 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49885 GHz	-36.42 dBm	-26.42 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-19.06 dBm	-9.06 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	19.36 dBm	-10.64 dB

Date: 12.OCT.2022 04:30:32

Highest Band Edge / 1 RB

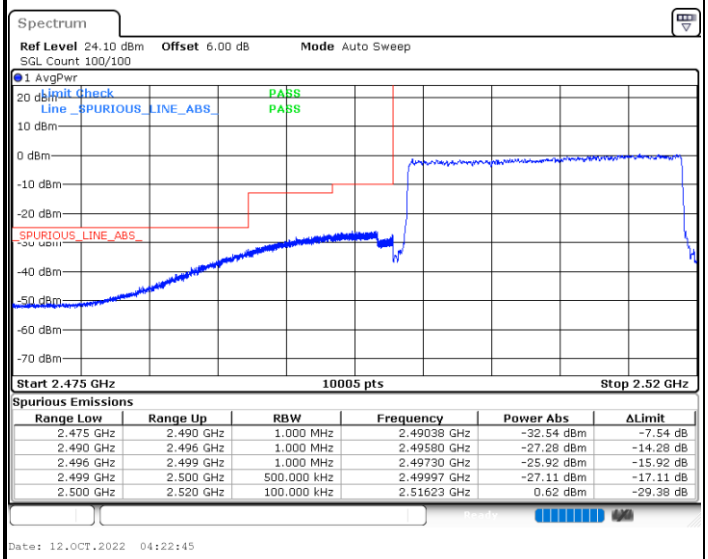


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	20.11 dBm	-9.89 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57005 GHz	-19.27 dBm	-9.27 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57126 GHz	-33.31 dBm	-23.31 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57907 GHz	-30.91 dBm	-17.91 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59428 GHz	-51.39 dBm	-26.39 dB

Date: 12.OCT.2022 04:34:09

Lowest Band Edge / Full RB

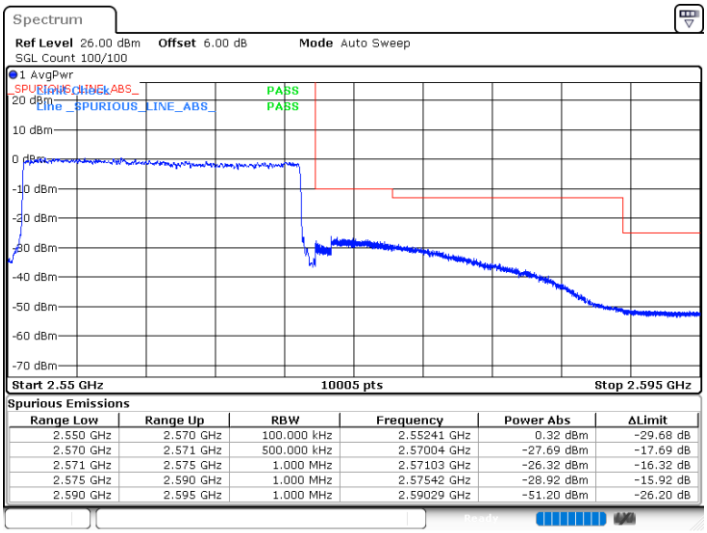


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49038 GHz	-32.54 dBm	-7.54 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49580 GHz	-27.28 dBm	-14.28 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49730 GHz	-25.92 dBm	-15.92 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-27.11 dBm	-17.11 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51623 GHz	0.62 dBm	-29.38 dB

Date: 12.OCT.2022 04:22:45

Highest Band Edge / Full RB



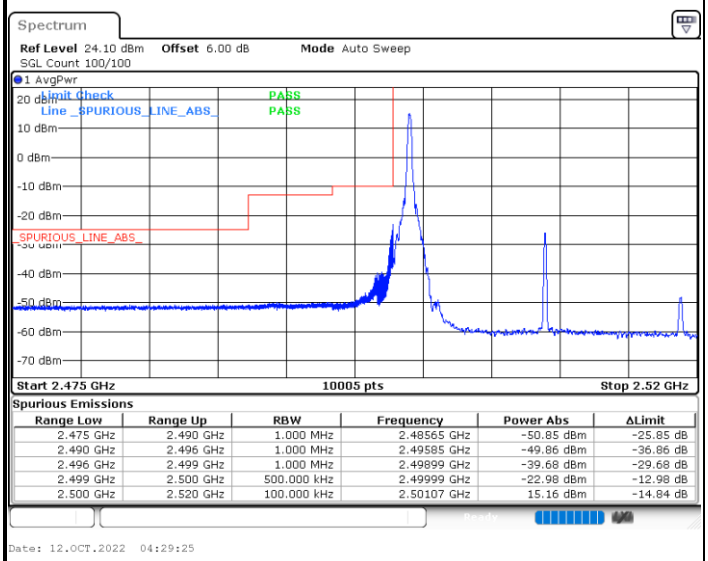
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55241 GHz	0.32 dBm	-29.68 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-27.69 dBm	-17.69 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-26.32 dBm	-16.32 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57542 GHz	-28.92 dBm	-15.92 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59029 GHz	-51.20 dBm	-26.20 dB

Date: 12.OCT.2022 04:35:26

LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1RB

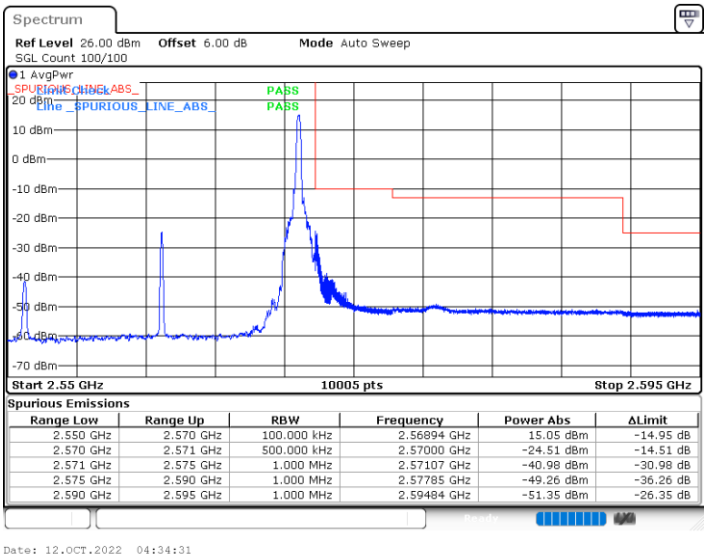


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48565 GHz	-50.85 dBm	-25.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49585 GHz	-49.86 dBm	-36.86 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-39.68 dBm	-29.68 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-22.98 dBm	-12.98 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50107 GHz	15.16 dBm	-14.84 dB

Date: 12.OCT.2022 04:29:25

Highest Band Edge / 1 RB

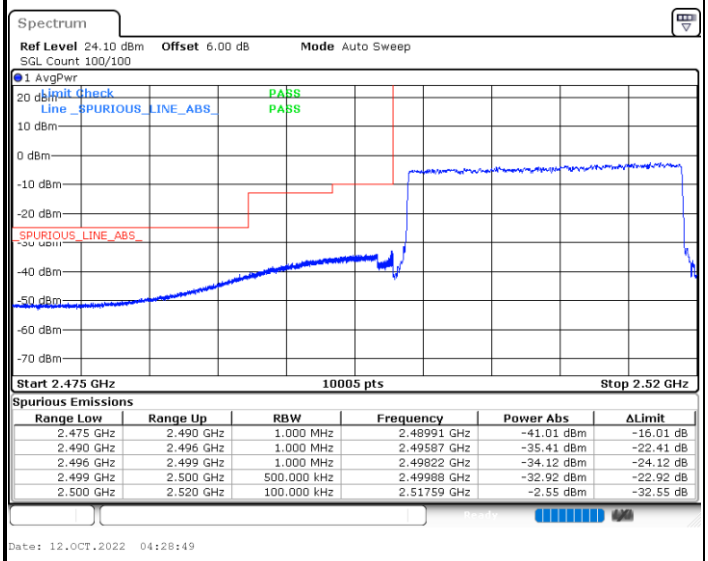


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56894 GHz	15.05 dBm	-14.95 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-24.51 dBm	-14.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-40.98 dBm	-30.98 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57785 GHz	-49.26 dBm	-36.26 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59484 GHz	-51.35 dBm	-26.35 dB

Date: 12.OCT.2022 04:34:31

Lowest Band Edge / Full RB

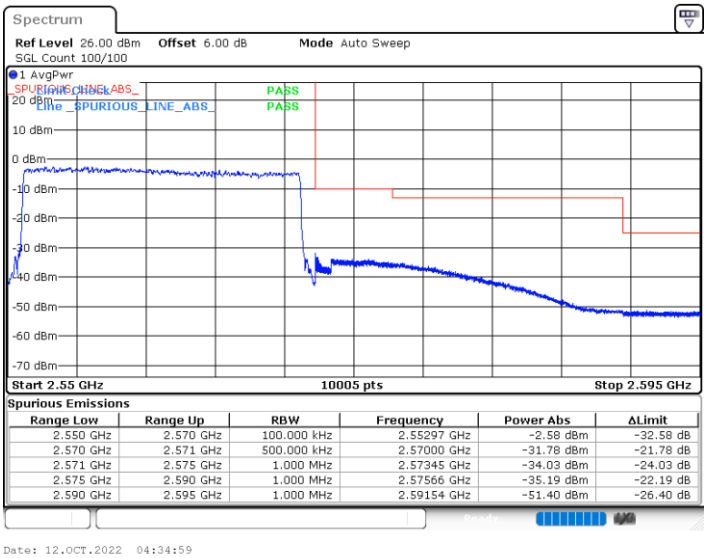


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48991 GHz	-41.01 dBm	-16.01 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49587 GHz	-35.41 dBm	-22.41 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49822 GHz	-34.12 dBm	-24.12 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49988 GHz	-32.92 dBm	-22.92 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51759 GHz	-2.55 dBm	-32.55 dB

Date: 12.OCT.2022 04:28:49

Highest Band Edge / Full RB



Spurious Emissions

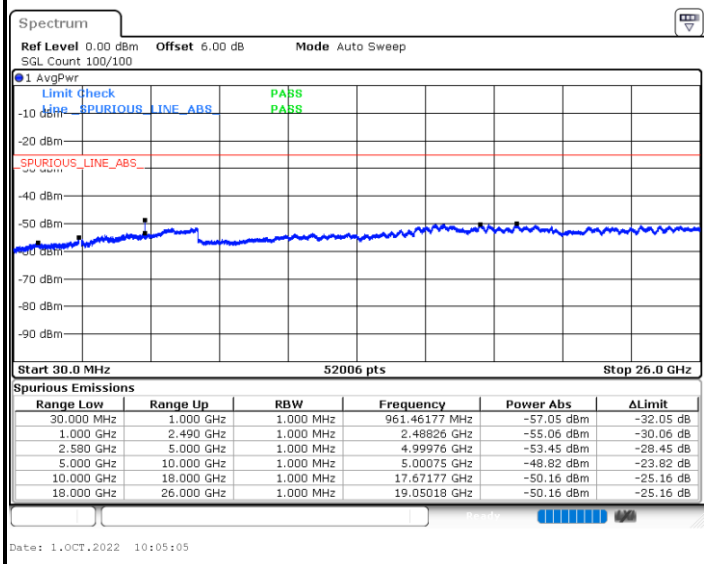
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55297 GHz	-2.58 dBm	-32.58 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-31.78 dBm	-21.78 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57345 GHz	-34.03 dBm	-24.03 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57566 GHz	-35.19 dBm	-22.19 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59154 GHz	-51.40 dBm	-26.40 dB

Date: 12.OCT.2022 04:34:59

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

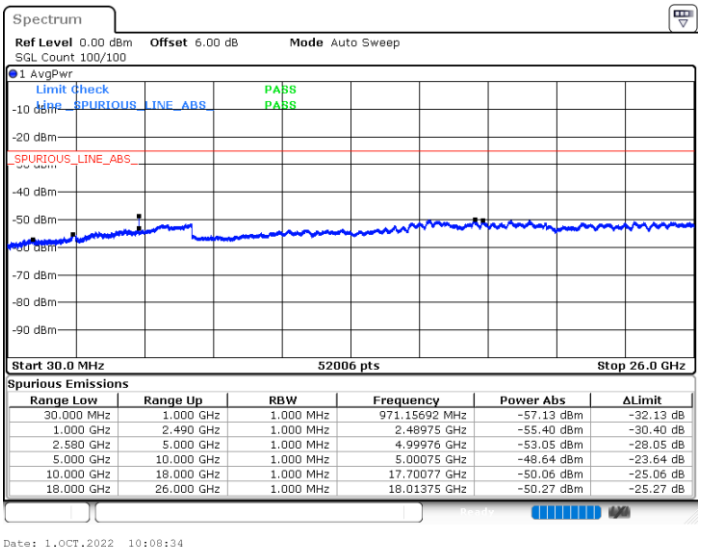


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-57.05 dBm	-32.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-55.06 dBm	-30.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-53.45 dBm	-28.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-48.82 dBm	-23.82 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67177 GHz	-50.16 dBm	-25.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.05018 GHz	-50.16 dBm	-25.16 dB

Date: 1.OCT.2022 10:05:05

Middle Channel / QPSK

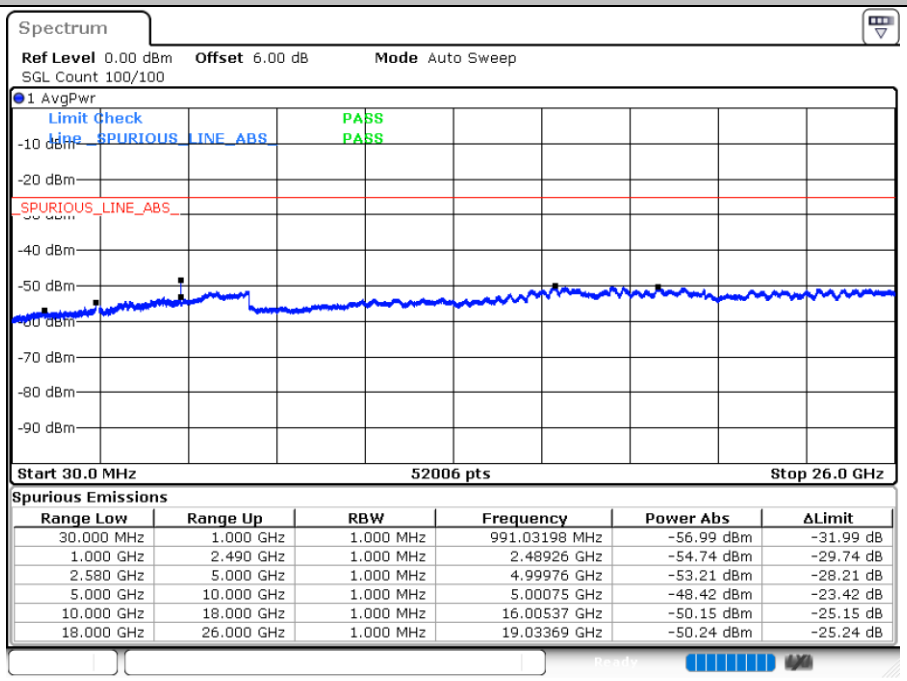


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-57.13 dBm	-32.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-55.40 dBm	-30.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-53.05 dBm	-28.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-48.64 dBm	-23.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.70077 GHz	-50.06 dBm	-25.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01375 GHz	-50.27 dBm	-25.27 dB

Date: 1.OCT.2022 10:08:34

Highest Channel / QPSK



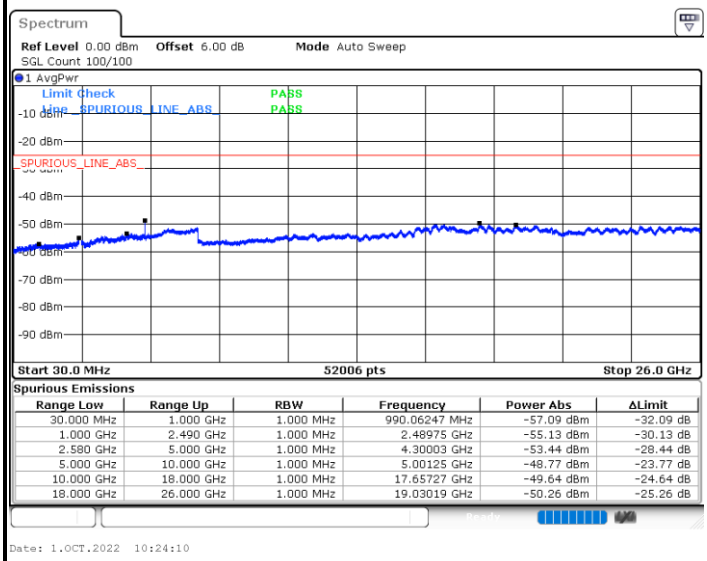
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-56.99 dBm	-31.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-54.74 dBm	-29.74 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-53.21 dBm	-28.21 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-48.42 dBm	-23.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.00537 GHz	-50.15 dBm	-25.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.03369 GHz	-50.24 dBm	-25.24 dB

Date: 1.OCT.2022 10:09:36

LTE Band 7 / 10MHz

Lowest Channel / QPSK

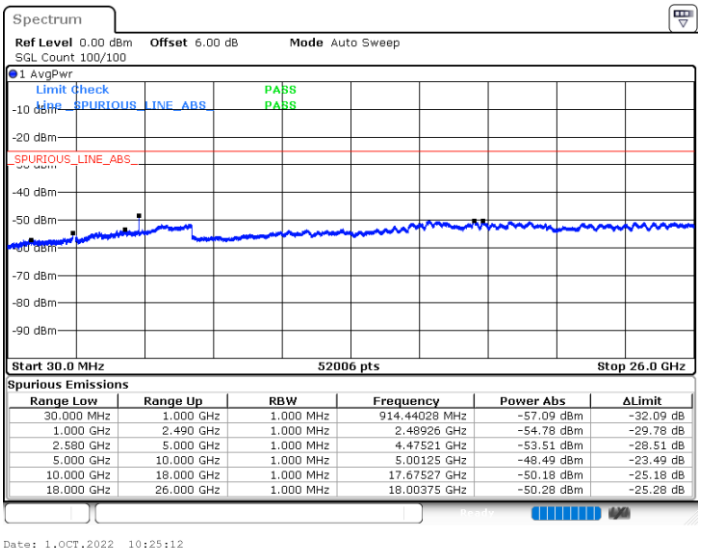


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-57.09 dBm	-32.09 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-55.13 dBm	-30.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30003 GHz	-53.44 dBm	-28.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-48.77 dBm	-23.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65727 GHz	-49.64 dBm	-24.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.03019 GHz	-50.26 dBm	-25.26 dB

Date: 1.OCT.2022 10:24:10

Middle Channel / QPSK

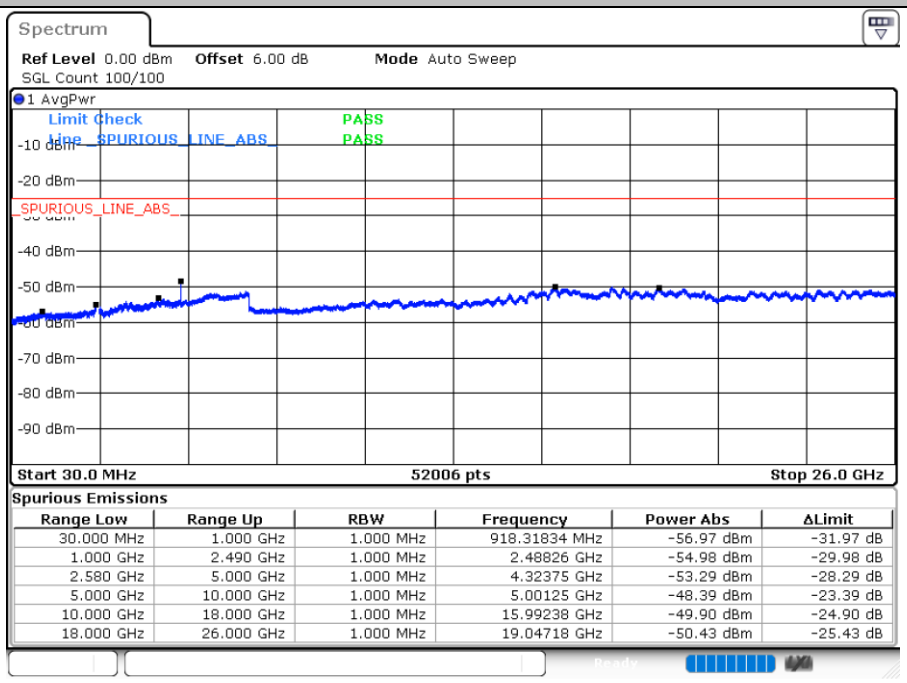


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-57.09 dBm	-32.09 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-54.78 dBm	-29.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.47521 GHz	-53.51 dBm	-28.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-48.49 dBm	-23.49 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67527 GHz	-50.18 dBm	-25.18 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00375 GHz	-50.28 dBm	-25.28 dB

Date: 1.OCT.2022 10:25:12

Highest Channel / QPSK



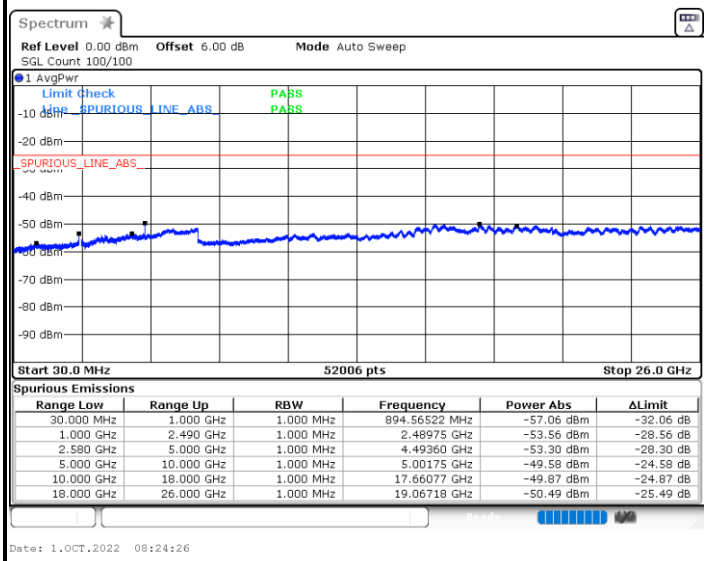
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-56.97 dBm	-31.97 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-54.98 dBm	-29.98 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32375 GHz	-53.29 dBm	-28.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-48.39 dBm	-23.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.99238 GHz	-49.90 dBm	-24.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.04718 GHz	-50.43 dBm	-25.43 dB

Date: 1.OCT.2022 10:26:00

LTE Band 7 / 15MHz

Lowest Channel / QPSK

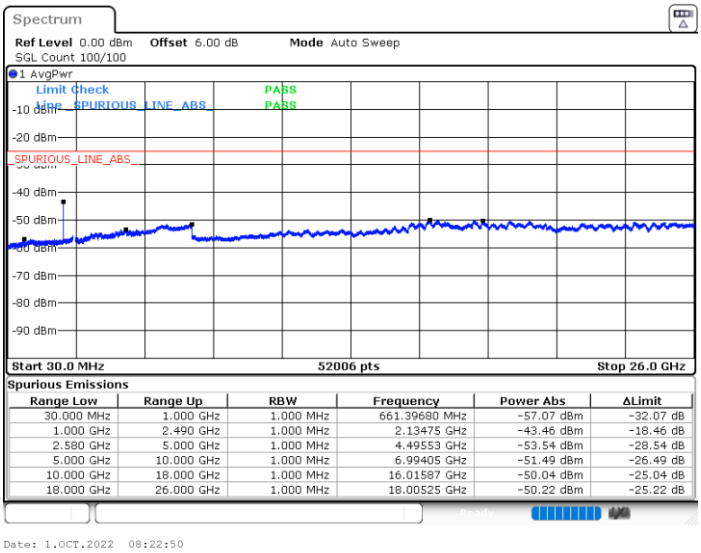


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-57.06 dBm	-32.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-53.56 dBm	-28.56 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.49360 GHz	-53.30 dBm	-28.30 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-49.58 dBm	-24.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66077 GHz	-49.87 dBm	-24.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.06718 GHz	-50.49 dBm	-25.49 dB

Date: 1.OCT.2022 08:24:26

Middle Channel / QPSK

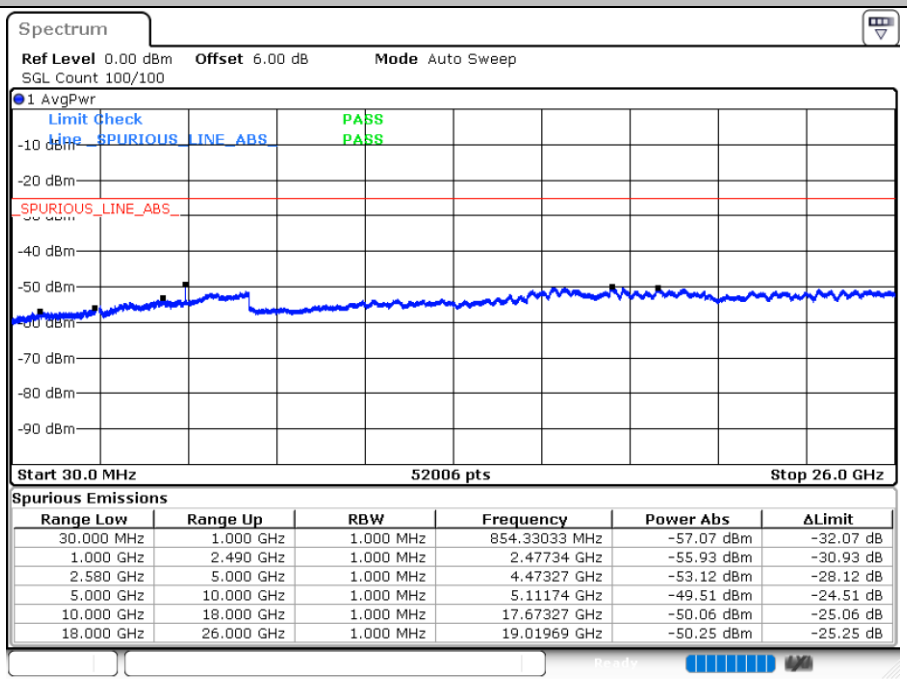


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	661.39680 MHz	-57.07 dBm	-32.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13475 GHz	-43.46 dBm	-18.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.49553 GHz	-53.54 dBm	-28.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99405 GHz	-51.49 dBm	-26.49 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.01587 GHz	-50.04 dBm	-25.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00525 GHz	-50.22 dBm	-25.22 dB

Date: 1.OCT.2022 08:22:50

Highest Channel / QPSK



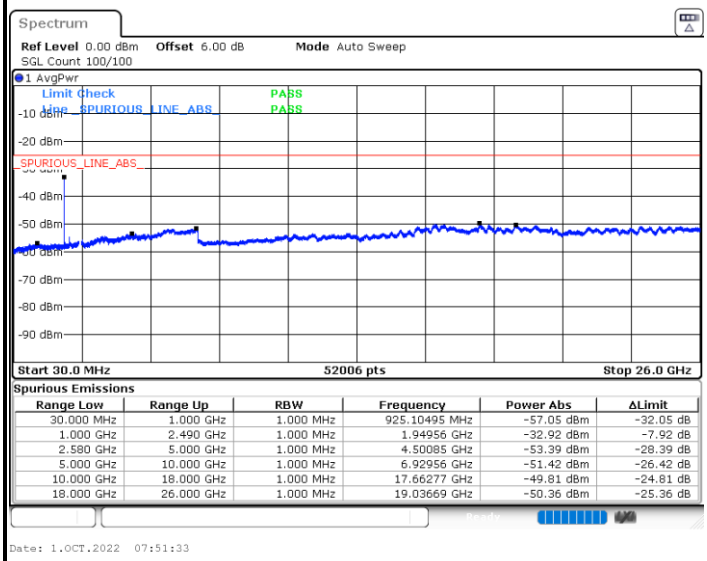
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.33033 MHz	-57.07 dBm	-32.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47734 GHz	-55.93 dBm	-30.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.47327 GHz	-53.12 dBm	-28.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.11174 GHz	-49.51 dBm	-24.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67327 GHz	-50.06 dBm	-25.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.01969 GHz	-50.25 dBm	-25.25 dB

Date: 1.OCT.2022 09:52:31

LTE Band 7 / 20MHz

Lowest Channel / QPSK

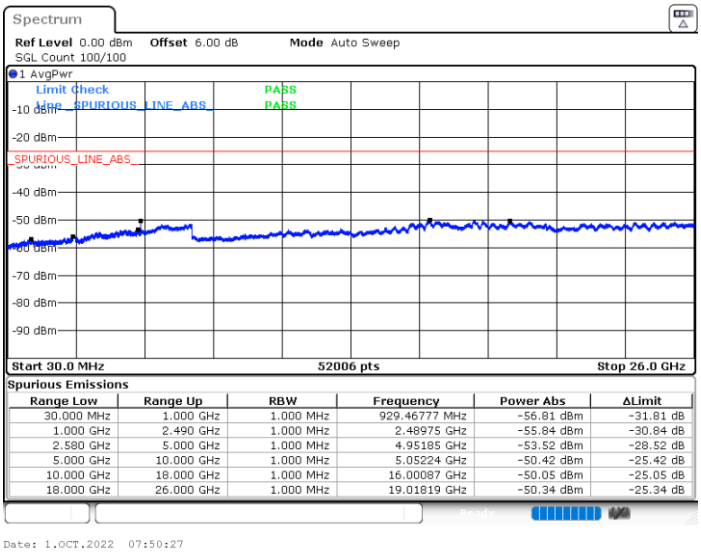


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-57.05 dBm	-32.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.94956 GHz	-32.92 dBm	-7.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.50085 GHz	-53.39 dBm	-28.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92956 GHz	-51.42 dBm	-26.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66277 GHz	-49.81 dBm	-24.81 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.03669 GHz	-50.36 dBm	-25.36 dB

Date: 1.OCT.2022 07:51:33

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-56.81 dBm	-31.81 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-55.84 dBm	-30.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95185 GHz	-53.52 dBm	-28.52 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-50.42 dBm	-25.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.00087 GHz	-50.05 dBm	-25.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.01819 GHz	-50.34 dBm	-25.34 dB

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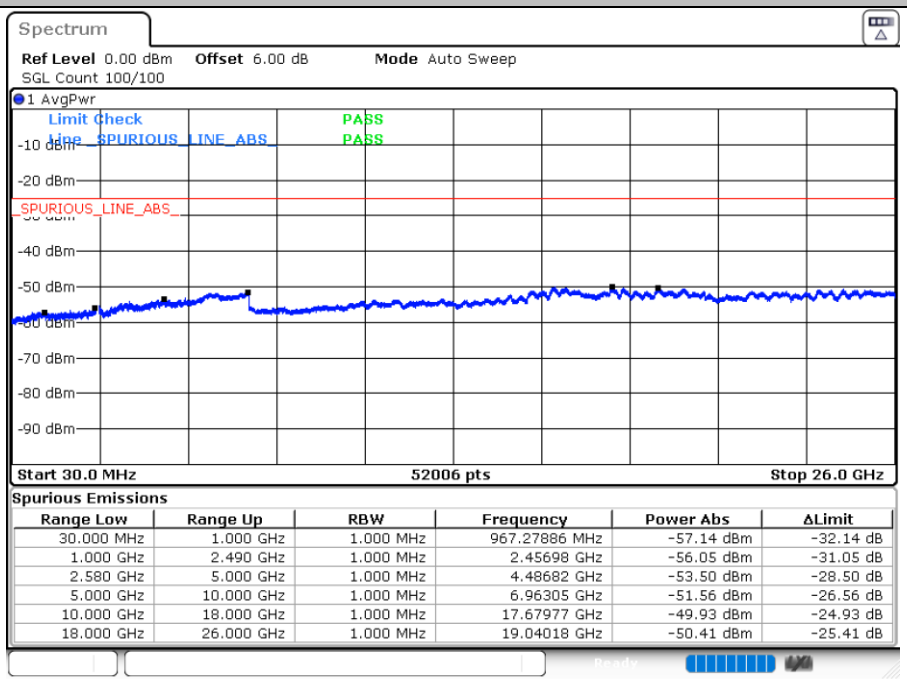
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-57.14 dBm	-32.14 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45698 GHz	-56.05 dBm	-31.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.48682 GHz	-53.50 dBm	-28.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96305 GHz	-51.56 dBm	-26.56 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67977 GHz	-49.93 dBm	-24.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.04018 GHz	-50.41 dBm	-25.41 dB

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Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.88 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.27 V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.