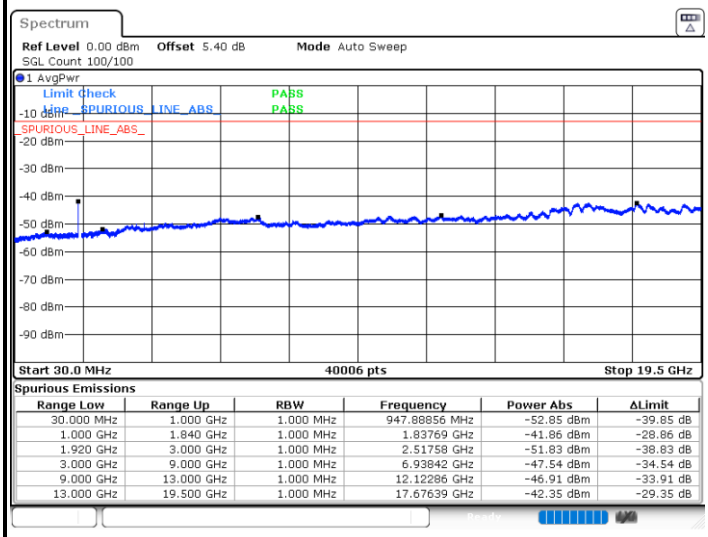
LTE Band 2 / 15MHz

Lowest Channel / QPSK

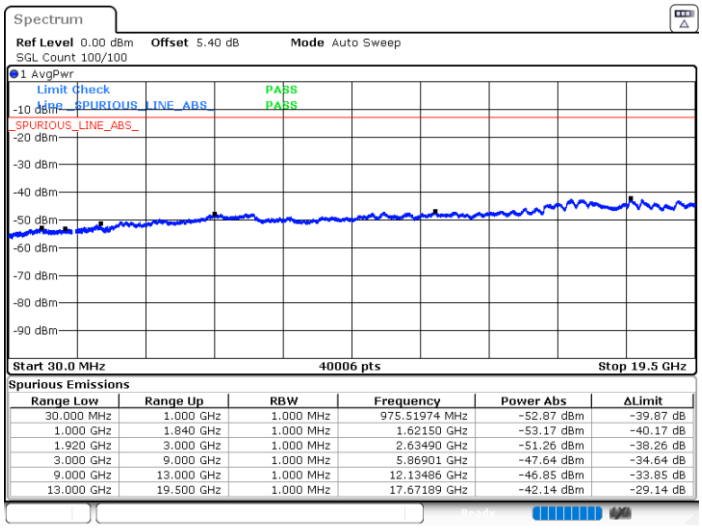


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-52.85 dBm	-39.85 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-41.86 dBm	-28.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51758 GHz	-51.83 dBm	-38.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93842 GHz	-47.54 dBm	-34.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12286 GHz	-46.91 dBm	-33.91 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.67639 GHz	-42.35 dBm	-29.35 dB

Date: 14.JAN.2022 19:47:09

Middle Channel / QPSK

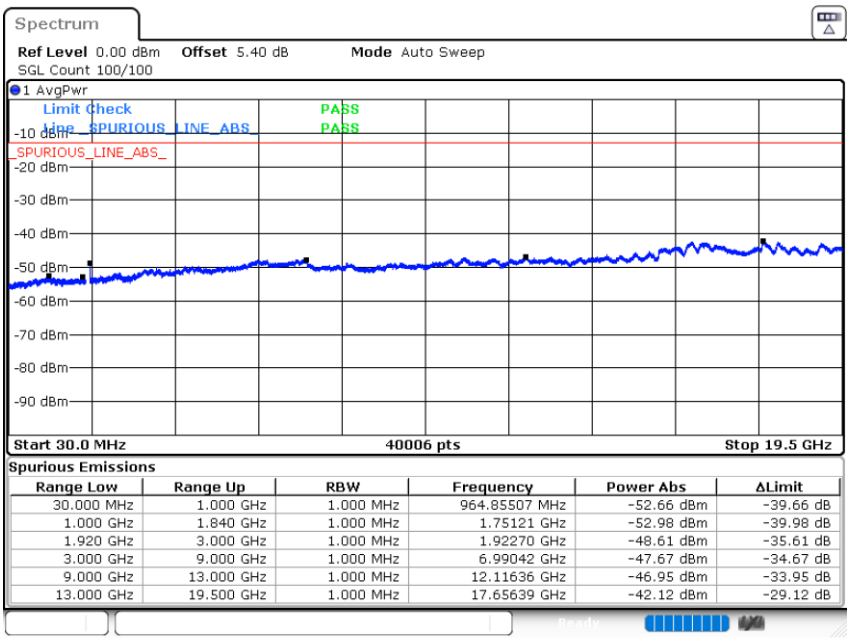


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.51974 MHz	-52.87 dBm	-39.87 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62150 GHz	-53.17 dBm	-40.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63490 GHz	-51.26 dBm	-38.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.86901 GHz	-47.64 dBm	-34.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13486 GHz	-46.85 dBm	-33.85 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.67189 GHz	-42.14 dBm	-29.14 dB

Date: 14.JAN.2022 19:53:34

Highest Channel / QPSK



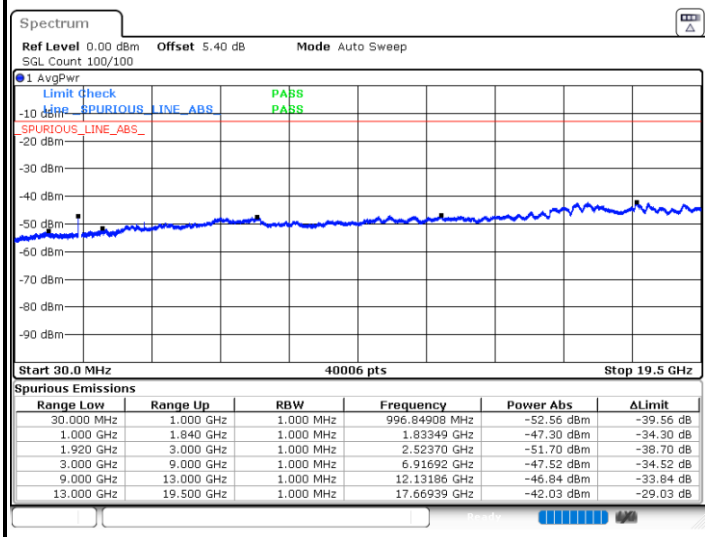
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-52.66 dBm	-39.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75121 GHz	-52.98 dBm	-39.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-48.61 dBm	-35.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-47.67 dBm	-34.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11636 GHz	-46.95 dBm	-33.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65639 GHz	-42.12 dBm	-29.12 dB

Date: 14.JAN.2022 19:54:45

LTE Band 2 / 20MHz

Lowest Channel / QPSK

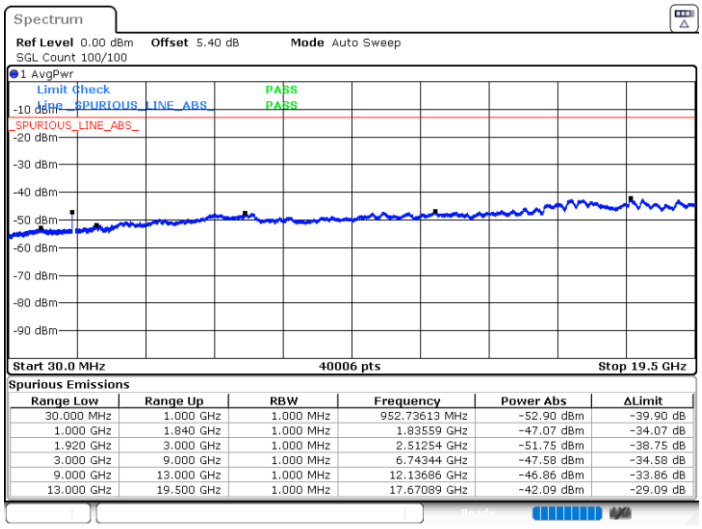


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-52.56 dBm	-39.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-47.30 dBm	-34.30 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52370 GHz	-51.70 dBm	-38.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91692 GHz	-47.52 dBm	-34.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13186 GHz	-46.84 dBm	-33.84 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66939 GHz	-42.03 dBm	-29.03 dB

Date: 14.JAN.2022 20:01:15

Middle Channel / QPSK

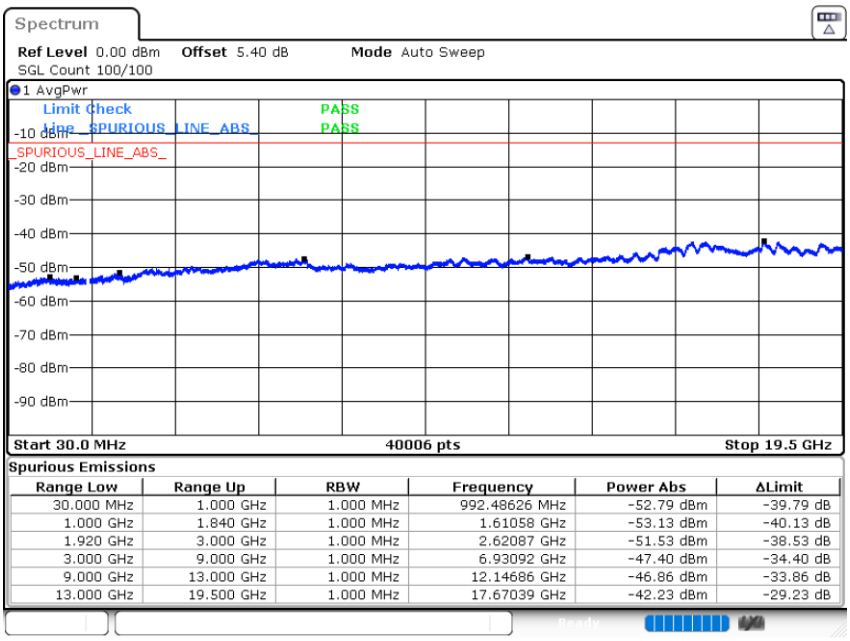


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-52.90 dBm	-39.90 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-47.07 dBm	-34.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51254 GHz	-51.75 dBm	-38.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.74344 GHz	-47.58 dBm	-34.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13686 GHz	-46.86 dBm	-33.86 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.67089 GHz	-42.09 dBm	-29.09 dB

Date: 14.JAN.2022 20:07:35

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-52.79 dBm	-39.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61058 GHz	-53.13 dBm	-40.13 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.62087 GHz	-51.53 dBm	-38.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93092 GHz	-47.40 dBm	-34.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.14686 GHz	-46.86 dBm	-33.86 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.67039 GHz	-42.23 dBm	-29.23 dB

Date: 14.JAN.2022 20:08:46

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	0.0025	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

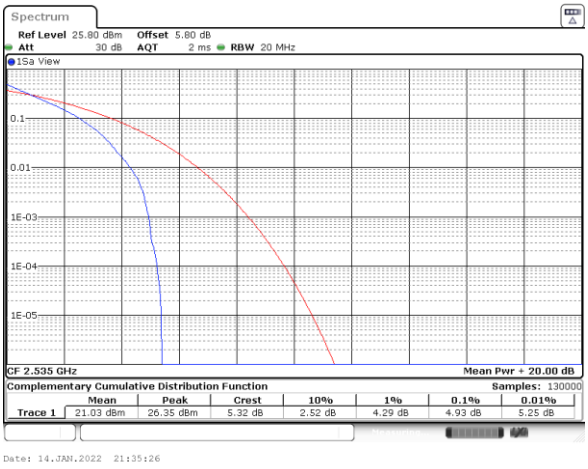
LTE Band 7

Peak-to-Average Ratio

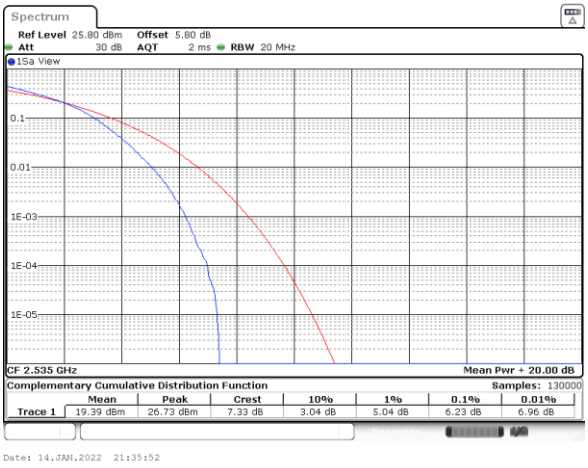
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.93	6.23	5.86	PASS

LTE Band 7 / 20MHz

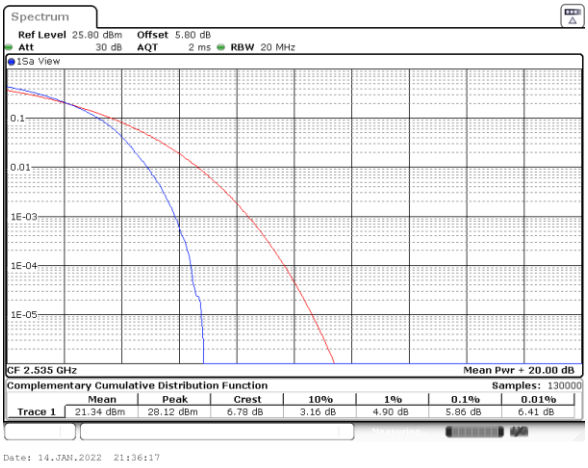
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



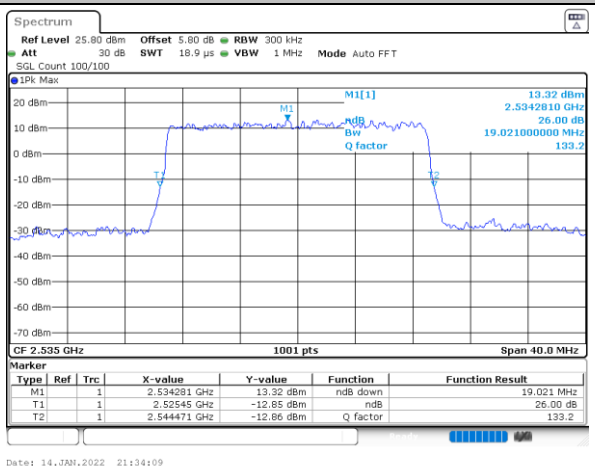
Middle Channel / Full RB/ 64QAM

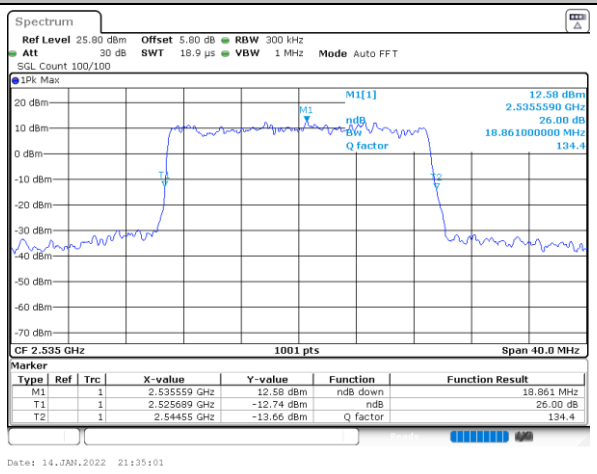


26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.02	18.86

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

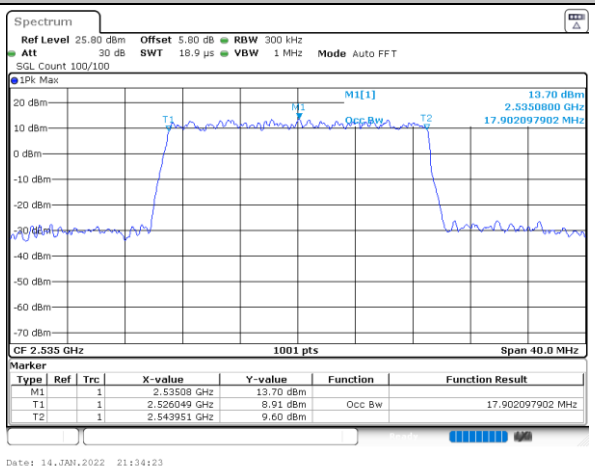


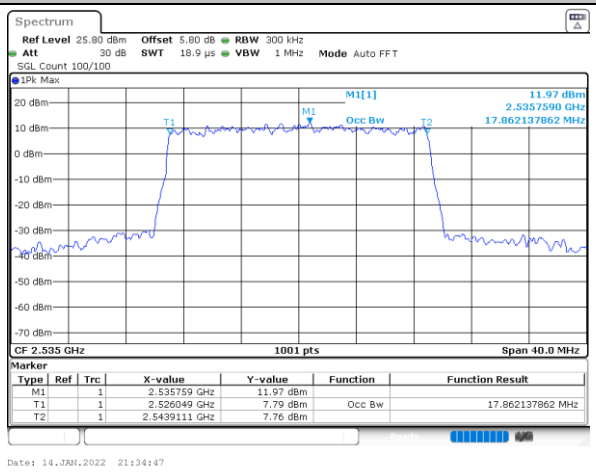


Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.86

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

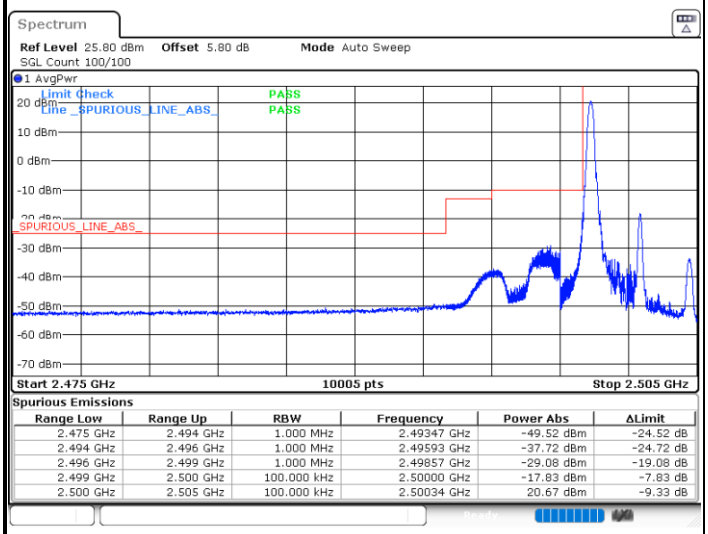




Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

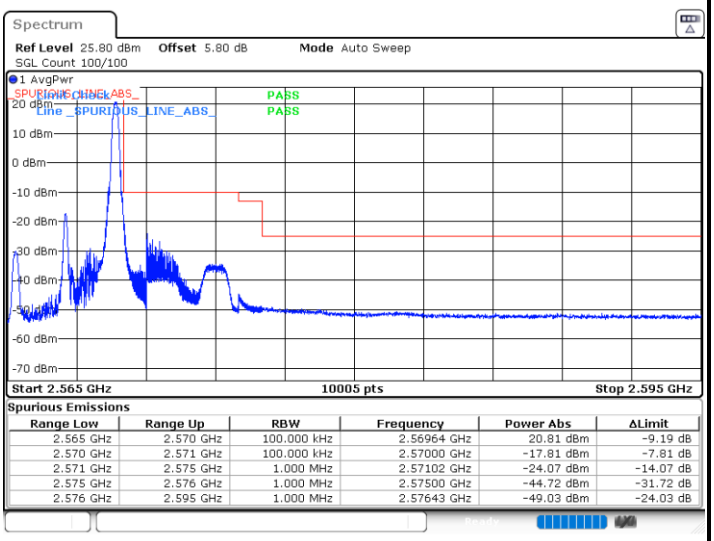


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49347 GHz	-49.52 dBm	-24.52 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-37.72 dBm	-24.72 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49857 GHz	-29.08 dBm	-19.08 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-17.83 dBm	-7.83 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	20.67 dBm	-9.33 dB

Date: 14.JAN.2022 20:35:52

Highest Band Edge / 1 RB

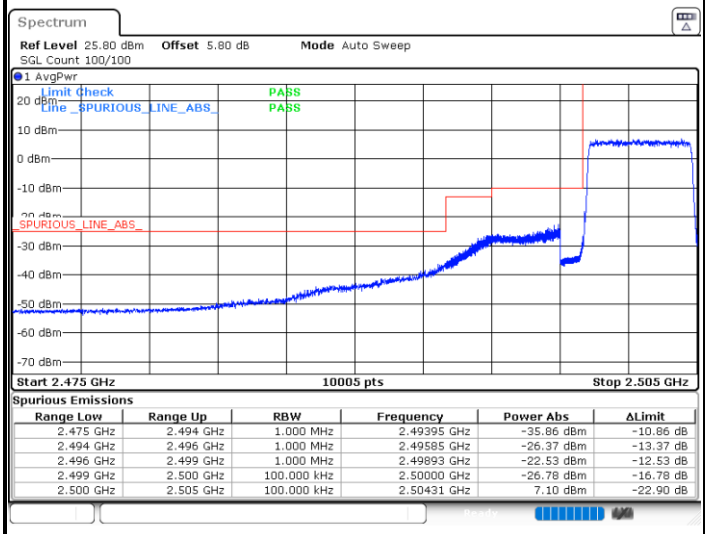


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56964 GHz	20.81 dBm	-9.19 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-17.81 dBm	-7.81 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-24.07 dBm	-14.07 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-44.72 dBm	-31.72 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57643 GHz	-49.03 dBm	-24.03 dB

Date: 14.JAN.2022 20:45:21

Lowest Band Edge / Full RB

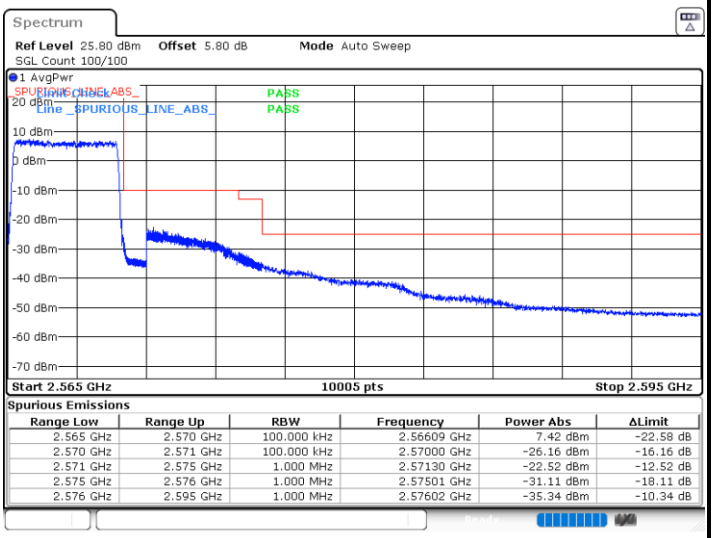


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49395 GHz	-35.86 dBm	-10.86 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49585 GHz	-26.37 dBm	-13.37 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49893 GHz	-22.53 dBm	-12.53 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-26.78 dBm	-16.78 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50431 GHz	7.10 dBm	-22.90 dB

Date: 14.JAN.2022 20:42:07

Highest Band Edge / Full RB



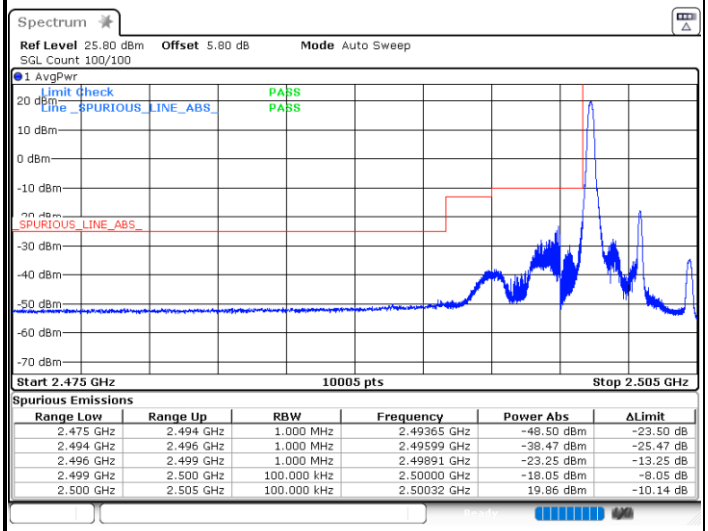
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56609 GHz	7.42 dBm	-22.58 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-26.16 dBm	-16.16 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57130 GHz	-22.52 dBm	-12.52 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-31.11 dBm	-18.11 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57602 GHz	-35.34 dBm	-10.34 dB

Date: 14.JAN.2022 20:49:48

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

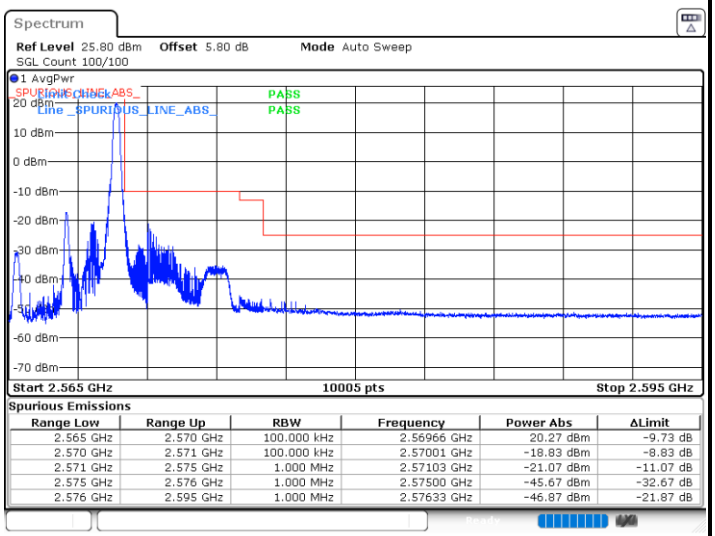


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49365 GHz	-48.50 dBm	-23.50 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-38.47 dBm	-25.47 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49891 GHz	-23.25 dBm	-13.25 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-18.05 dBm	-8.05 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	19.86 dBm	-10.14 dB

Date: 14.JAN.2022 21:39:26

Highest Band Edge / 1 RB

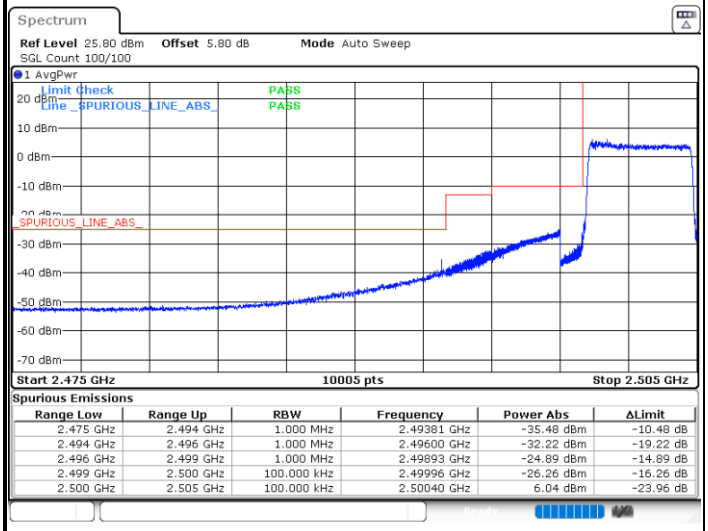


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	20.27 dBm	-9.73 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-18.83 dBm	-8.83 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-21.07 dBm	-11.07 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-45.67 dBm	-32.67 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57633 GHz	-46.87 dBm	-21.87 dB

Date: 14.JAN.2022 20:46:14

Lowest Band Edge / Full RB

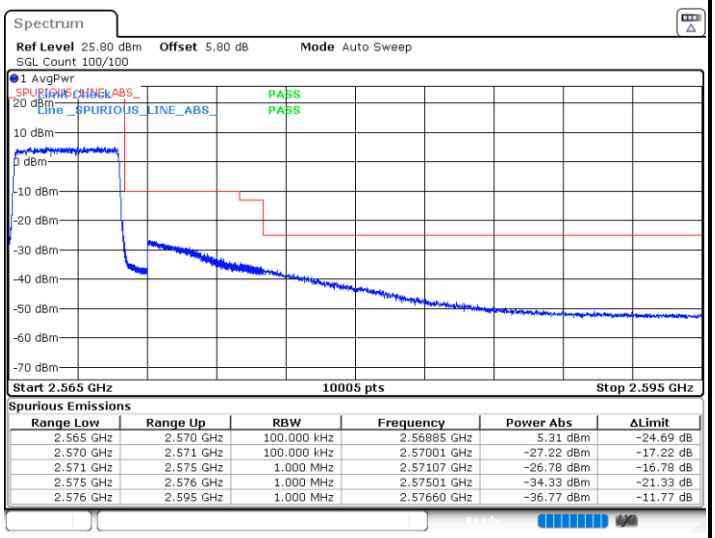


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49381 GHz	-35.48 dBm	-10.48 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49600 GHz	-32.22 dBm	-19.22 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49893 GHz	-24.89 dBm	-14.89 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49996 GHz	-26.26 dBm	-16.26 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50040 GHz	6.04 dBm	-23.96 dB

Date: 14.JAN.2022 20:41:14

Highest Band Edge / Full RB



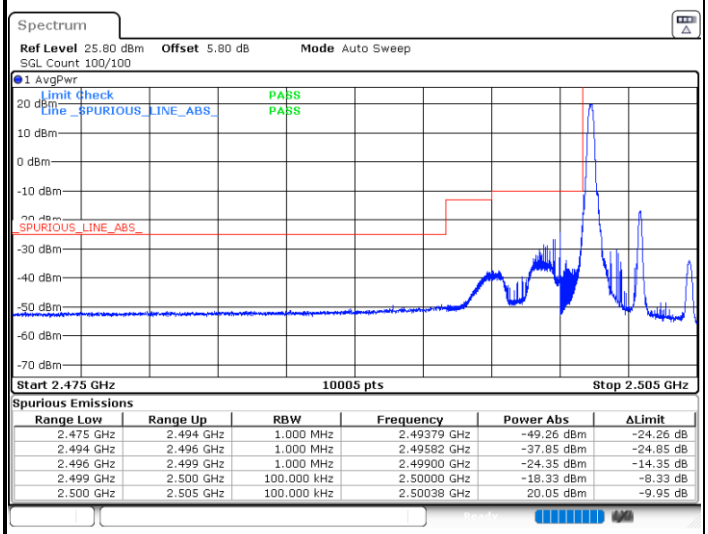
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56885 GHz	5.31 dBm	-24.69 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-27.22 dBm	-17.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-26.78 dBm	-16.78 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-34.33 dBm	-21.33 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57660 GHz	-36.77 dBm	-11.77 dB

Date: 14.JAN.2022 20:48:54

LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

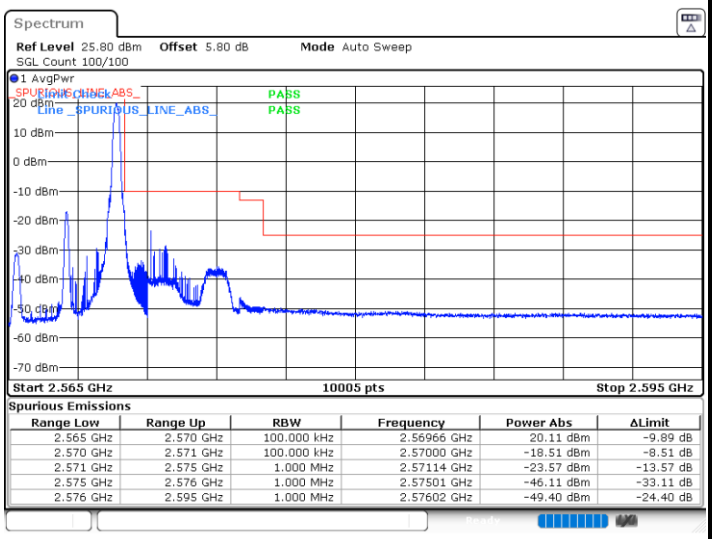


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49379 GHz	-49.26 dBm	-24.26 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49582 GHz	-37.85 dBm	-24.85 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-24.35 dBm	-14.35 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-18.33 dBm	-8.33 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50038 GHz	20.05 dBm	-9.95 dB

Date: 14.JAN.2022 20:39:26

Highest Band Edge / 1 RB

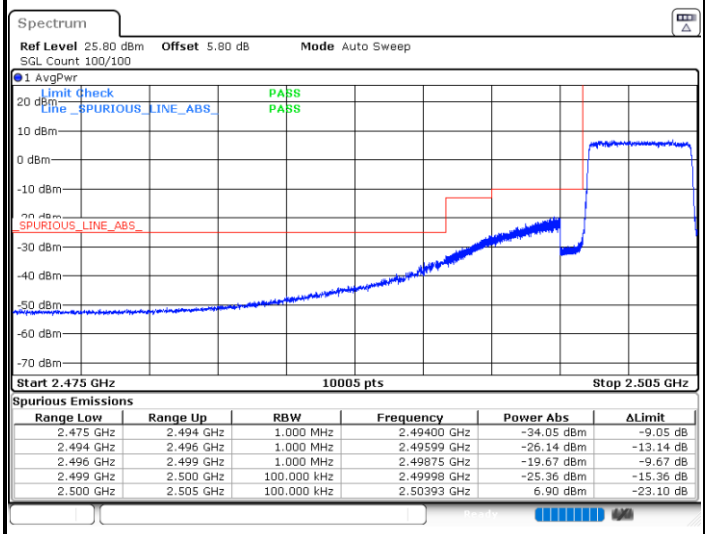


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	20.11 dBm	-9.89 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-18.51 dBm	-8.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-23.57 dBm	-13.57 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-46.11 dBm	-33.11 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57602 GHz	-49.40 dBm	-24.40 dB

Date: 14.JAN.2022 20:47:08

Lowest Band Edge / Full RB

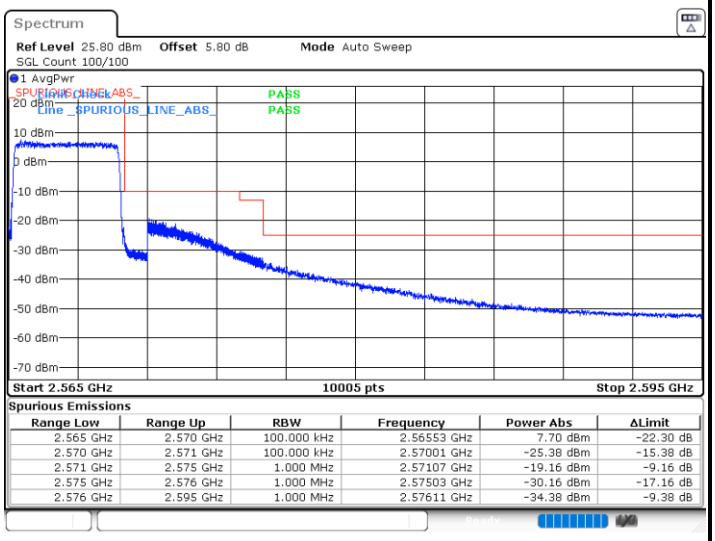


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49400 GHz	-34.05 dBm	-9.05 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-26.14 dBm	-13.14 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49875 GHz	-19.67 dBm	-9.67 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-25.36 dBm	-15.36 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50393 GHz	6.90 dBm	-23.10 dB

Date: 14.JAN.2022 20:40:19

Highest Band Edge / Full RB



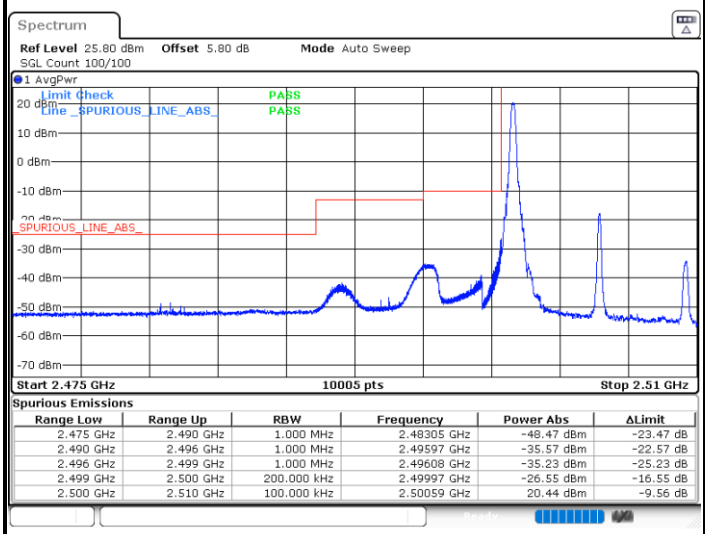
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56553 GHz	7.70 dBm	-22.30 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-25.38 dBm	-15.38 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-19.16 dBm	-9.16 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-30.16 dBm	-17.16 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57611 GHz	-34.38 dBm	-9.38 dB

Date: 14.JAN.2022 20:48:01

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

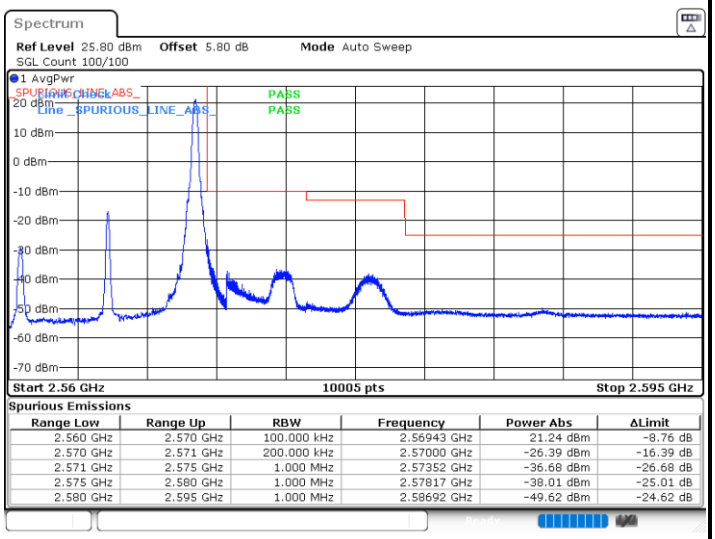


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48305 GHz	-48.47 dBm	-23.47 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-35.57 dBm	-22.57 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49608 GHz	-35.23 dBm	-25.23 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49997 GHz	-26.55 dBm	-16.55 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	20.44 dBm	-9.56 dB

Date: 14.JAN.2022 20:51:43

Highest Band Edge / 1 RB

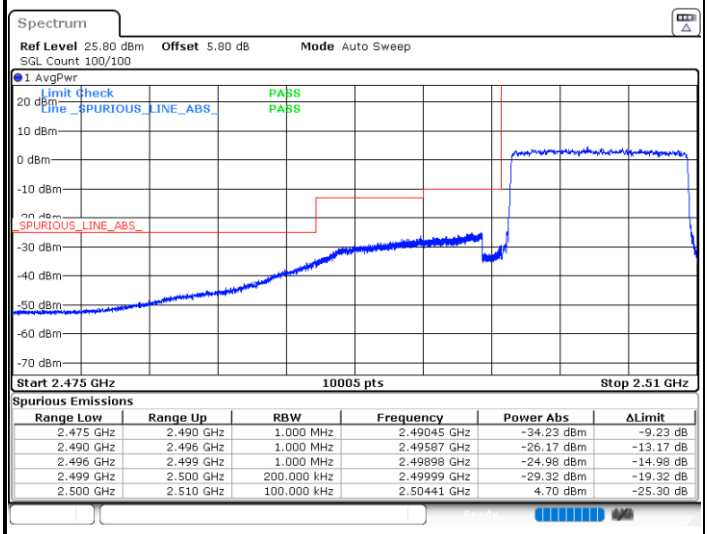


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	21.24 dBm	-8.76 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-26.39 dBm	-16.39 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57352 GHz	-36.68 dBm	-26.68 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57817 GHz	-38.01 dBm	-25.01 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58692 GHz	-49.62 dBm	-24.62 dB

Date: 14.JAN.2022 21:00:00

Lowest Band Edge / Full RB

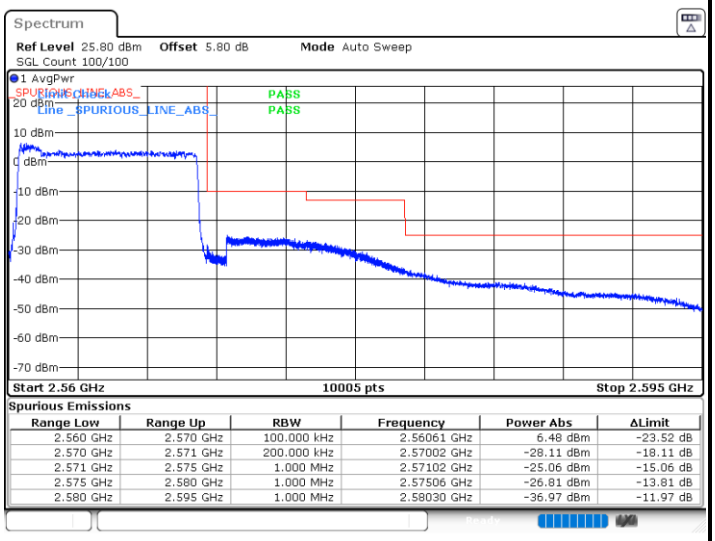


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-34.23 dBm	-9.23 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49587 GHz	-26.17 dBm	-13.17 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-24.98 dBm	-14.98 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-29.32 dBm	-19.32 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50441 GHz	4.70 dBm	-25.30 dB

Date: 14.JAN.2022 20:56:47

Highest Band Edge / Full RB



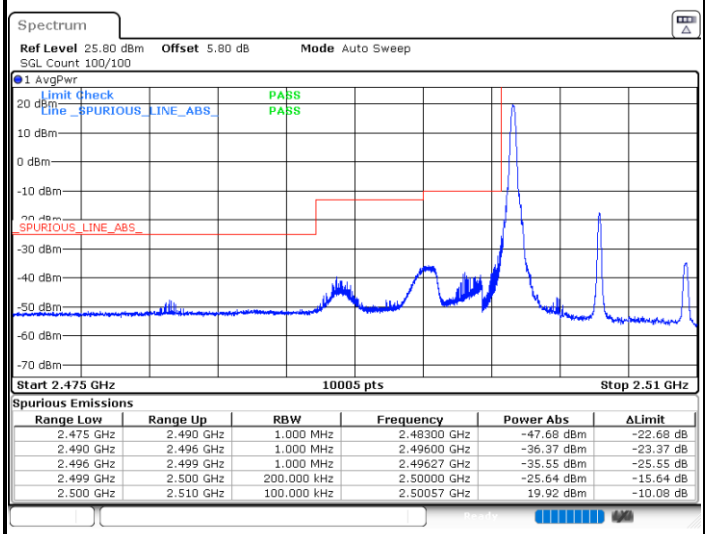
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56061 GHz	6.48 dBm	-23.52 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-28.11 dBm	-18.11 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-25.06 dBm	-15.06 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57506 GHz	-26.81 dBm	-13.81 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58030 GHz	-36.97 dBm	-11.97 dB

Date: 14.JAN.2022 21:04:26

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

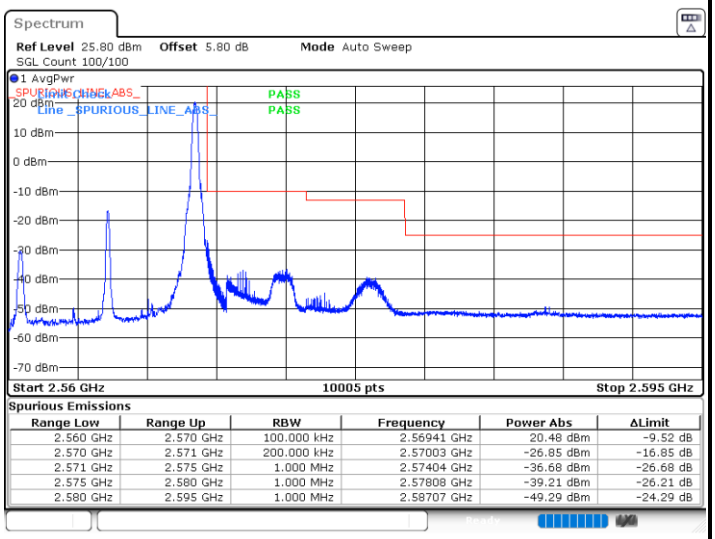


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48300 GHz	-47.68 dBm	-22.68 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49600 GHz	-36.37 dBm	-23.37 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49627 GHz	-35.55 dBm	-25.55 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-25.64 dBm	-15.64 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50057 GHz	19.92 dBm	-10.08 dB

Date: 14.JAN.2022 20:52:36

Highest Band Edge / 1 RB

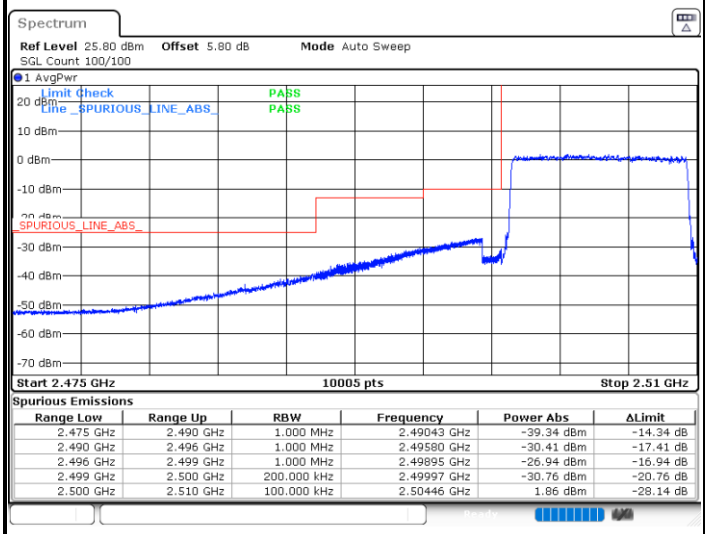


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	20.48 dBm	-9.52 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-26.85 dBm	-16.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57404 GHz	-36.68 dBm	-26.68 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57808 GHz	-39.21 dBm	-26.21 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58707 GHz	-49.29 dBm	-24.29 dB

Date: 14.JAN.2022 21:43:16

Lowest Band Edge / Full RB

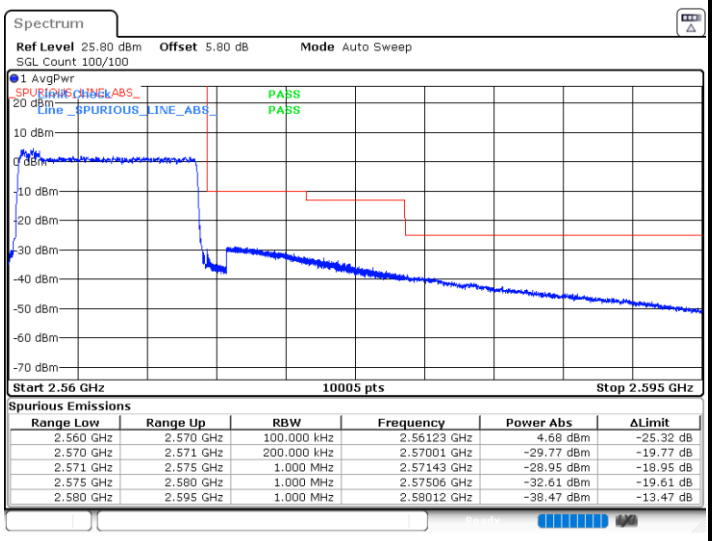


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-39.34 dBm	-14.34 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49580 GHz	-30.41 dBm	-17.41 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-26.94 dBm	-16.94 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49997 GHz	-30.76 dBm	-20.76 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50446 GHz	1.86 dBm	-28.14 dB

Date: 14.JAN.2022 20:55:16

Highest Band Edge / Full RB



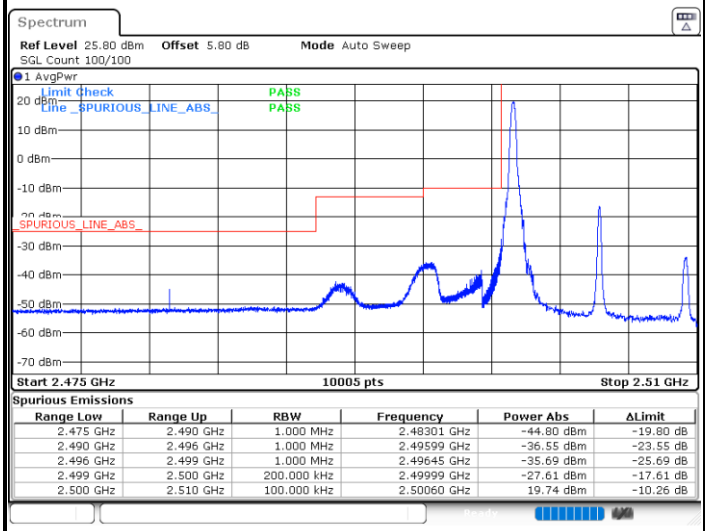
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56123 GHz	4.68 dBm	-25.32 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-29.77 dBm	-19.77 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57143 GHz	-28.95 dBm	-18.95 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57506 GHz	-32.61 dBm	-19.61 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58012 GHz	-38.47 dBm	-13.47 dB

Date: 14.JAN.2022 21:03:33

LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

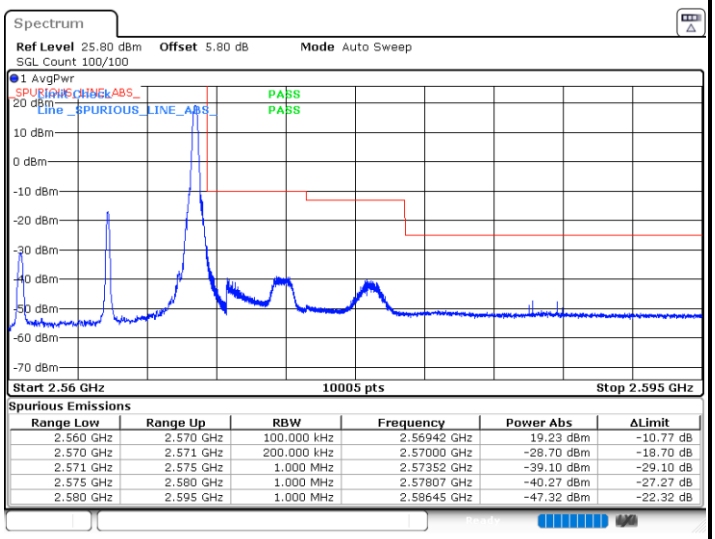


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48301 GHz	-44.80 dBm	-19.80 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-36.55 dBm	-23.55 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49645 GHz	-35.69 dBm	-25.69 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-27.61 dBm	-17.61 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	19.74 dBm	-10.26 dB

Date: 14.JAN.2022 20:53:29

Highest Band Edge / 1 RB

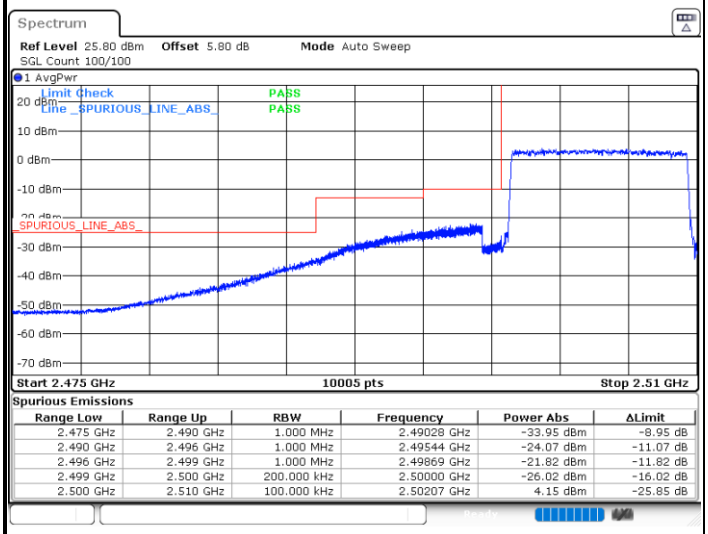


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56942 GHz	19.23 dBm	-10.77 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-28.70 dBm	-18.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57352 GHz	-39.10 dBm	-29.10 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57807 GHz	-40.27 dBm	-27.27 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58645 GHz	-47.32 dBm	-22.32 dB

Date: 14.JAN.2022 21:01:47

Lowest Band Edge / Full RB

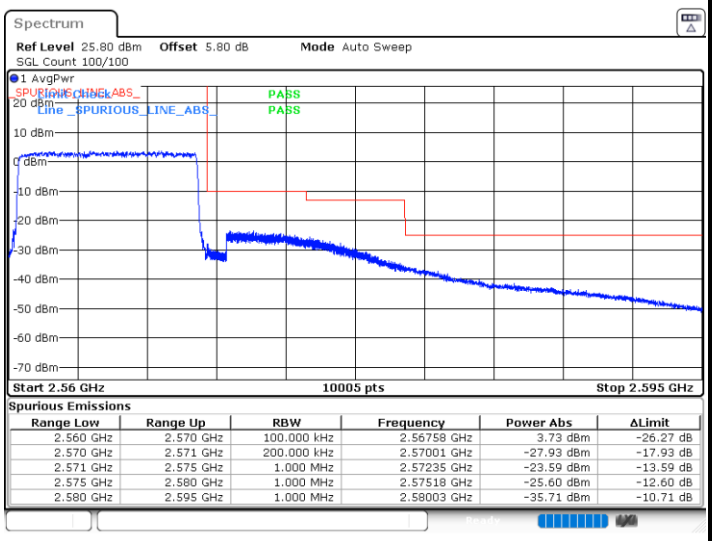


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49028 GHz	-33.95 dBm	-8.95 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49544 GHz	-24.07 dBm	-11.07 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49869 GHz	-21.82 dBm	-11.82 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-26.02 dBm	-16.02 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50207 GHz	4.15 dBm	-25.85 dB

Date: 14.JAN.2022 20:54:23

Highest Band Edge / Full RB



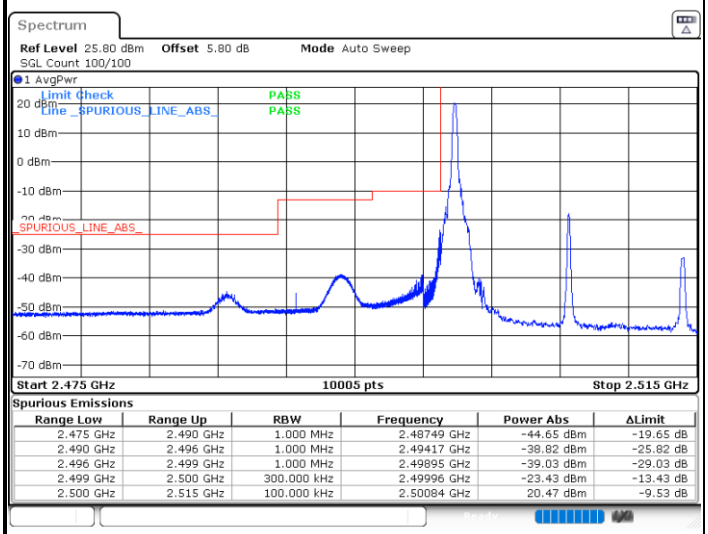
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56758 GHz	3.73 dBm	-26.27 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-27.93 dBm	-17.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57235 GHz	-23.59 dBm	-13.59 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57518 GHz	-25.60 dBm	-12.60 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58003 GHz	-35.71 dBm	-10.71 dB

Date: 14.JAN.2022 21:02:40

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

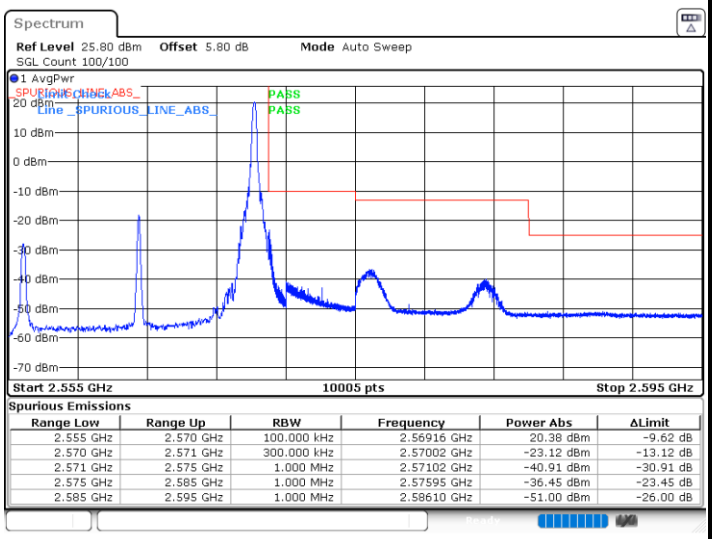


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48749 GHz	-44.65 dBm	-19.65 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49417 GHz	-38.82 dBm	-25.82 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-39.03 dBm	-29.03 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49996 GHz	-23.43 dBm	-13.43 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	20.47 dBm	-9.53 dB

Date: 14.JAN.2022 21:06:21

Highest Band Edge / 1 RB

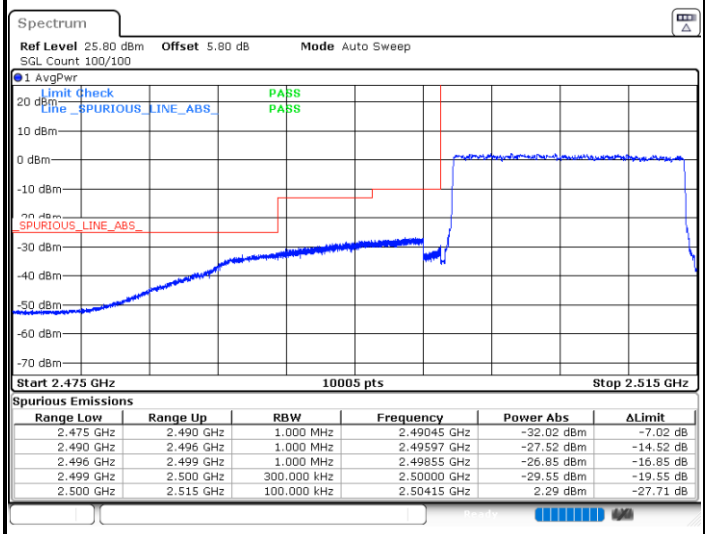


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	20.38 dBm	-9.62 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-23.12 dBm	-13.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-40.91 dBm	-30.91 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57595 GHz	-36.45 dBm	-23.45 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58610 GHz	-51.00 dBm	-26.00 dB

Date: 14.JAN.2022 21:14:02

Lowest Band Edge / Full RB

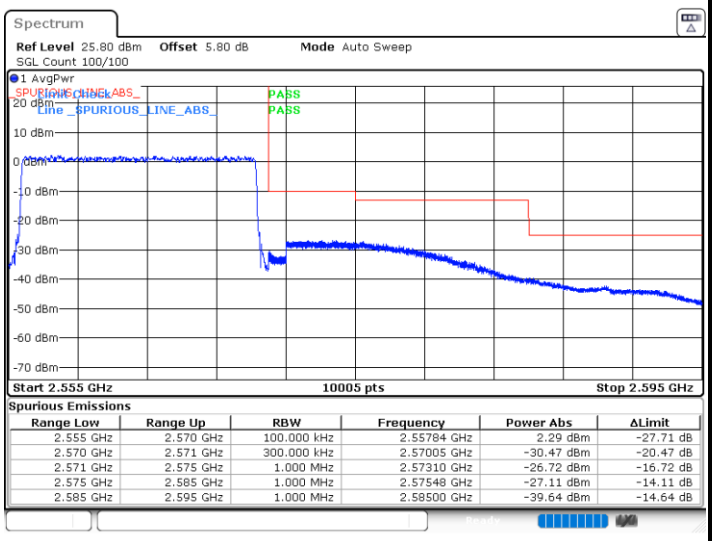


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-32.02 dBm	-7.02 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-27.52 dBm	-14.52 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49855 GHz	-26.85 dBm	-16.85 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-29.55 dBm	-19.55 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50415 GHz	2.29 dBm	-27.71 dB

Date: 14.JAN.2022 21:10:48

Highest Band Edge / Full RB



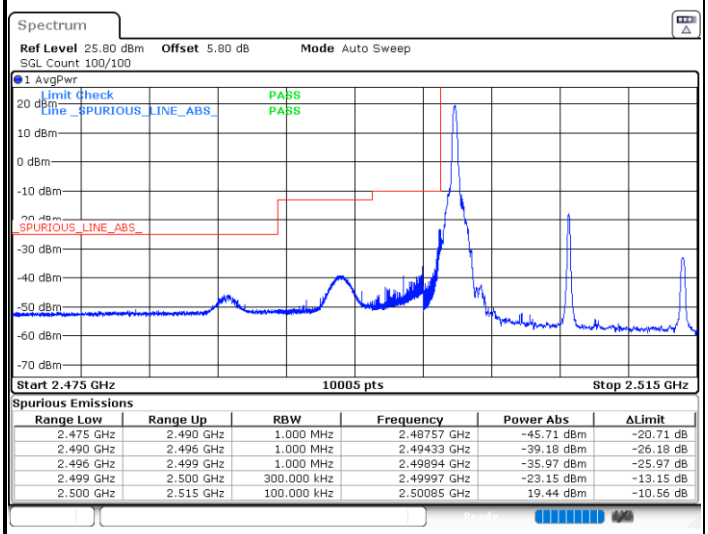
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55784 GHz	2.29 dBm	-27.71 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-30.47 dBm	-20.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57310 GHz	-26.72 dBm	-16.72 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57548 GHz	-27.11 dBm	-14.11 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58500 GHz	-39.64 dBm	-14.64 dB

Date: 14.JAN.2022 21:18:28

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

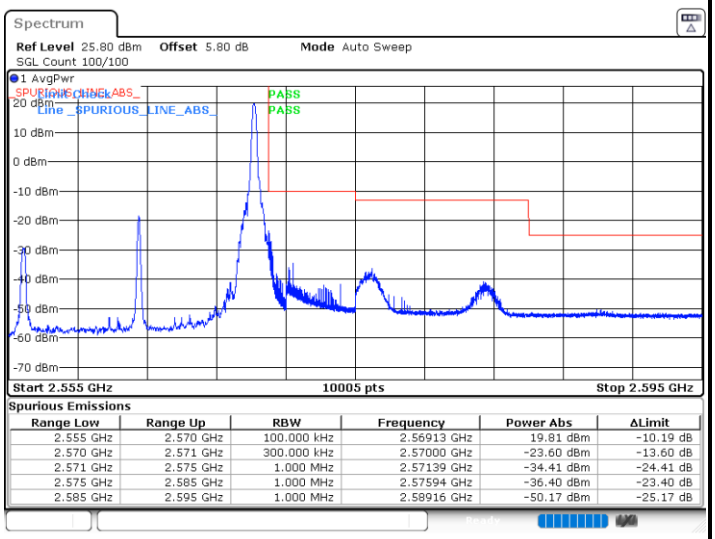


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48757 GHz	-45.71 dBm	-20.71 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49433 GHz	-39.18 dBm	-26.18 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-35.97 dBm	-25.97 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49997 GHz	-23.15 dBm	-13.15 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	19.44 dBm	-10.56 dB

Date: 14.JAN.2022 21:44:14

Highest Band Edge / 1 RB

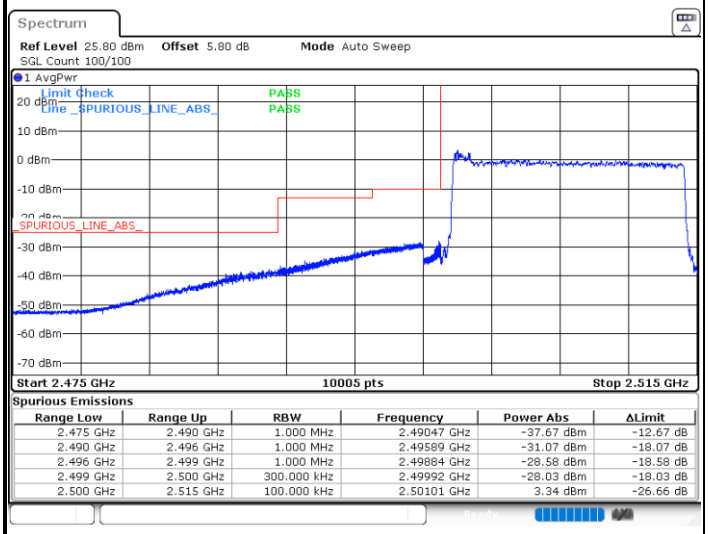


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56913 GHz	19.81 dBm	-10.19 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-23.60 dBm	-13.60 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57139 GHz	-34.41 dBm	-24.41 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57594 GHz	-36.40 dBm	-23.40 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58916 GHz	-50.17 dBm	-25.17 dB

Date: 14.JAN.2022 21:14:55

Lowest Band Edge / Full RB

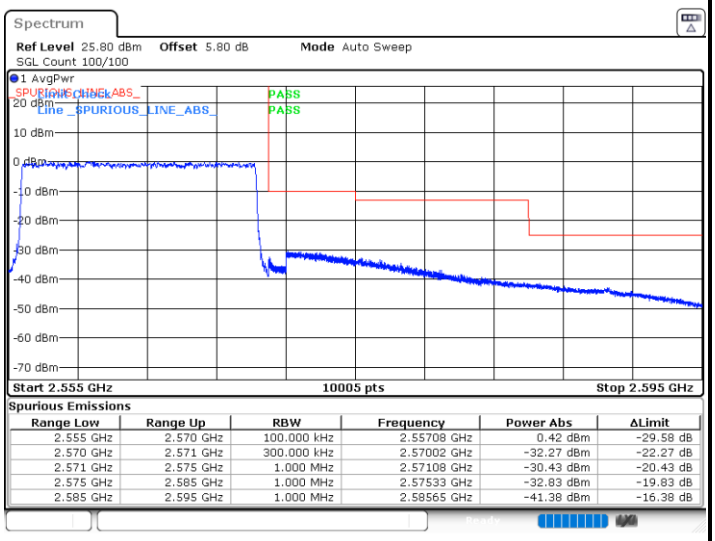


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-37.67 dBm	-12.67 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-31.07 dBm	-18.07 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-28.58 dBm	-18.58 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49992 GHz	-28.03 dBm	-18.03 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50101 GHz	3.34 dBm	-26.66 dB

Date: 14.JAN.2022 21:09:55

Highest Band Edge / Full RB



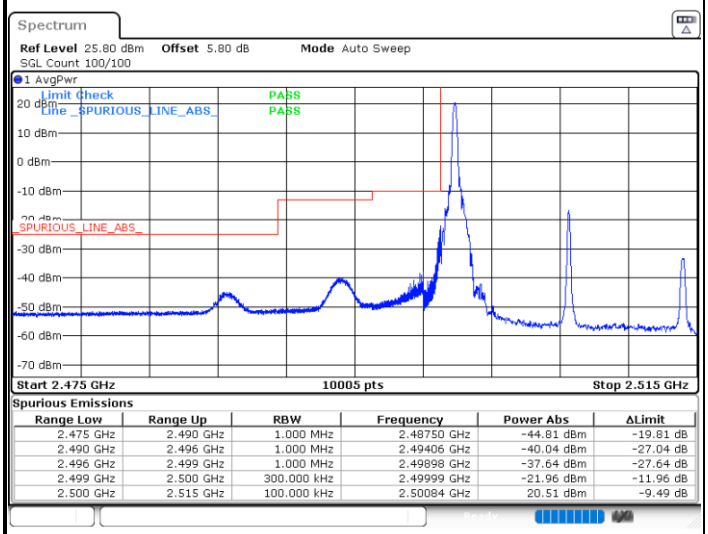
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55708 GHz	0.42 dBm	-29.58 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-32.27 dBm	-22.27 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-30.43 dBm	-20.43 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57533 GHz	-32.83 dBm	-19.83 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58565 GHz	-41.38 dBm	-16.38 dB

Date: 14.JAN.2022 21:17:35

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

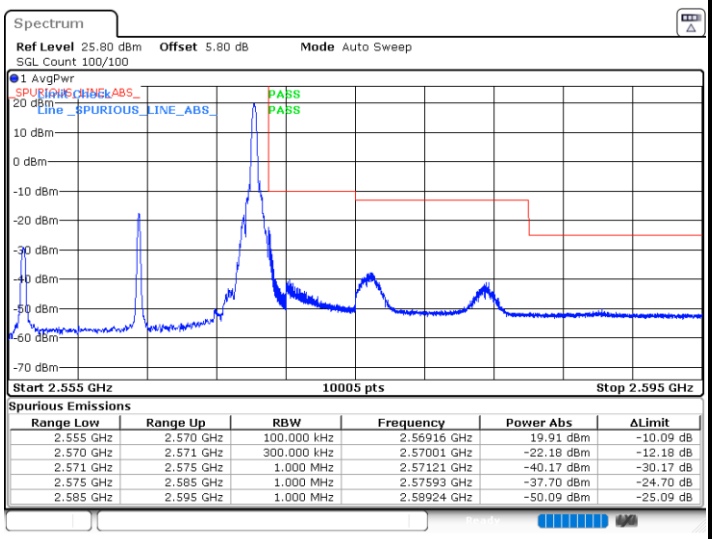


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48750 GHz	-44.81 dBm	-19.81 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49406 GHz	-40.04 dBm	-27.04 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-37.64 dBm	-27.64 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-21.96 dBm	-11.96 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	20.51 dBm	-9.49 dB

Date: 14.JAN.2022 21:08:08

Highest Band Edge / 1 RB

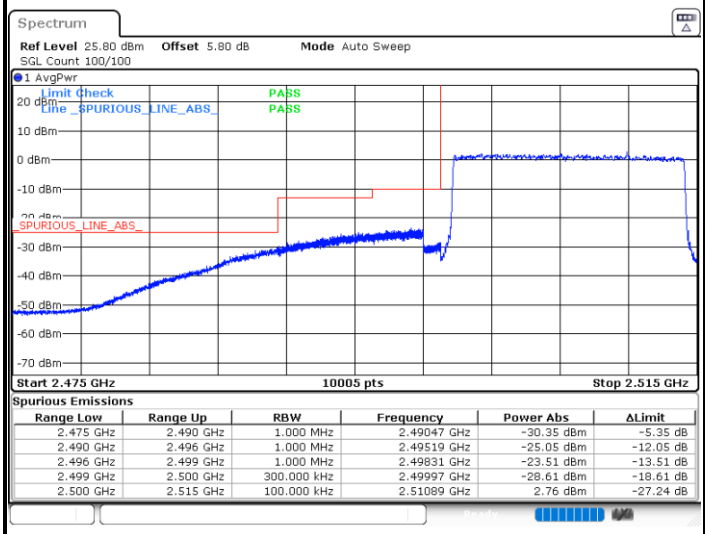


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.91 dBm	-10.09 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-22.18 dBm	-12.18 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57121 GHz	-40.17 dBm	-30.17 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57593 GHz	-37.70 dBm	-24.70 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58924 GHz	-50.09 dBm	-25.09 dB

Date: 14.JAN.2022 21:15:48

Lowest Band Edge / Full RB

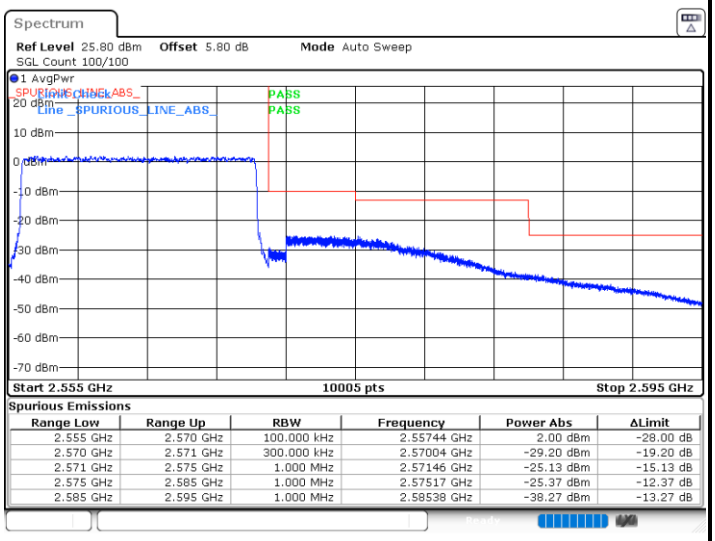


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-30.35 dBm	-5.35 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49519 GHz	-25.05 dBm	-12.05 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49831 GHz	-23.51 dBm	-13.51 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49997 GHz	-28.61 dBm	-18.61 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51089 GHz	2.76 dBm	-27.24 dB

Date: 14.JAN.2022 21:09:02

Highest Band Edge / Full RB



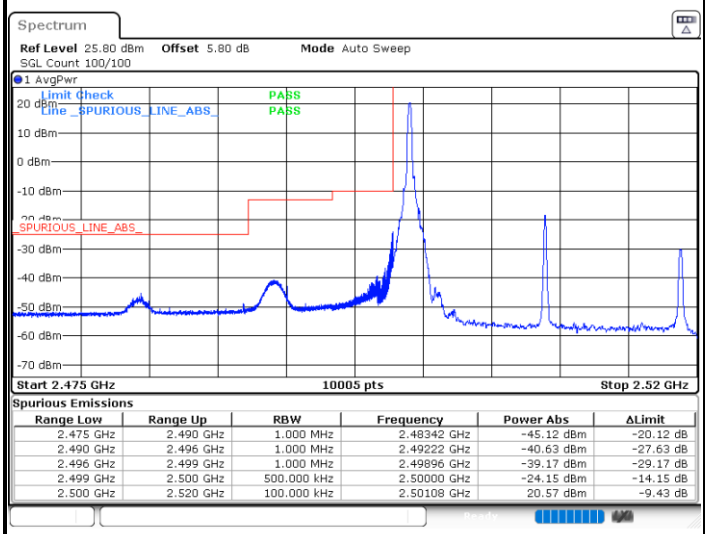
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55744 GHz	2.00 dBm	-28.00 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57004 GHz	-29.20 dBm	-19.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57146 GHz	-25.13 dBm	-15.13 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57517 GHz	-25.37 dBm	-12.37 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58538 GHz	-38.27 dBm	-13.27 dB

Date: 14.JAN.2022 21:16:42

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

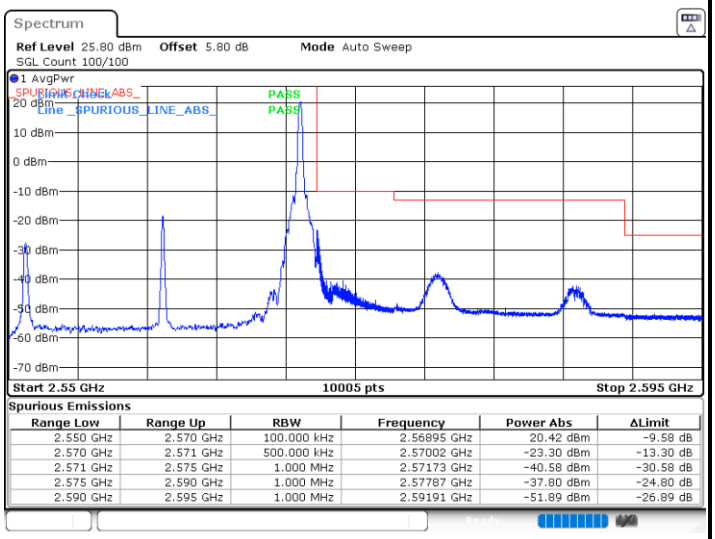


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48342 GHz	-45.12 dBm	-20.12 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49222 GHz	-40.63 dBm	-27.63 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-39.17 dBm	-29.17 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-24.15 dBm	-14.15 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	20.57 dBm	-9.43 dB

Date: 14.JAN.2022 21:20:23

Highest Band Edge / 1 RB

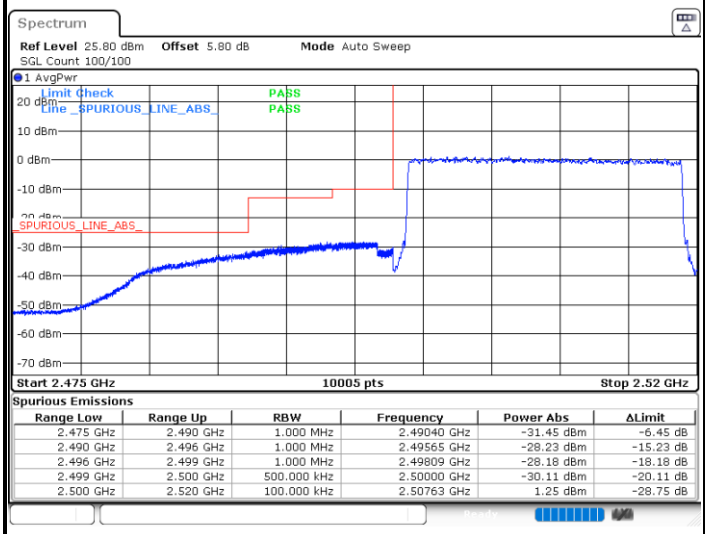


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56895 GHz	20.42 dBm	-9.58 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-23.30 dBm	-13.30 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57173 GHz	-40.58 dBm	-30.58 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57787 GHz	-37.80 dBm	-24.80 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59191 GHz	-51.89 dBm	-26.89 dB

Date: 14.JAN.2022 21:28:04

Lowest Band Edge / Full RB

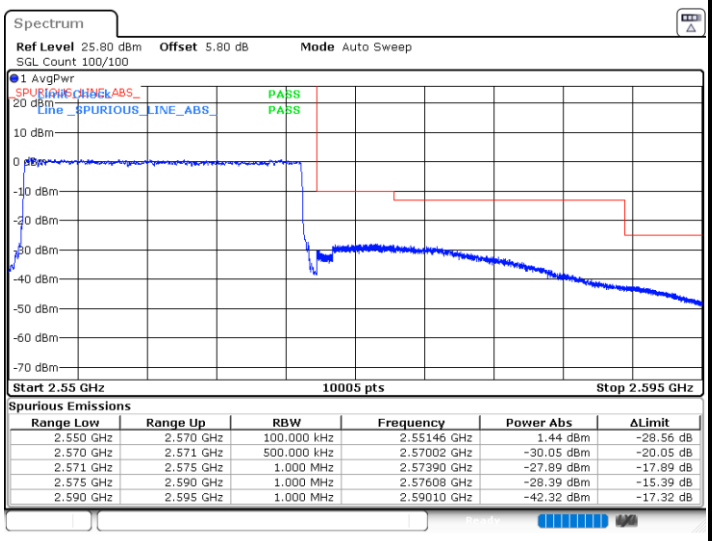


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-31.45 dBm	-6.45 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49565 GHz	-28.23 dBm	-15.23 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49809 GHz	-28.18 dBm	-18.18 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-30.11 dBm	-20.11 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50763 GHz	1.25 dBm	-28.75 dB

Date: 14.JAN.2022 21:24:51

Highest Band Edge / Full RB



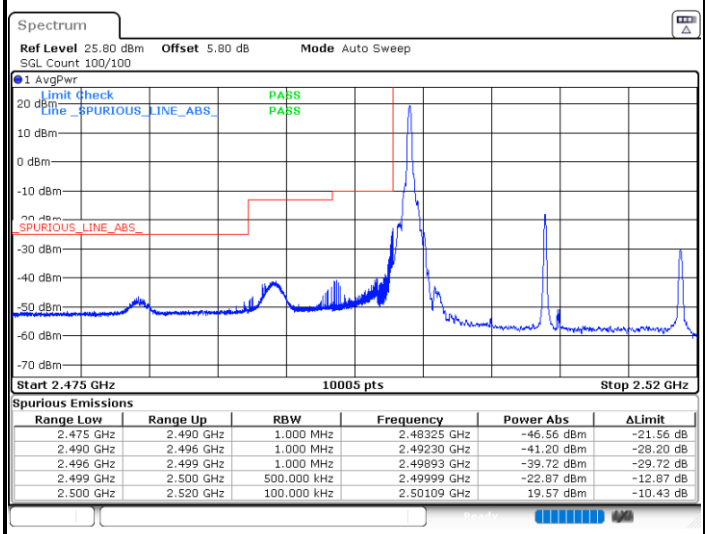
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55146 GHz	1.44 dBm	-28.56 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-30.05 dBm	-20.05 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57390 GHz	-27.89 dBm	-17.89 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57608 GHz	-28.39 dBm	-15.39 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59010 GHz	-42.32 dBm	-17.32 dB

Date: 14.JAN.2022 21:33:44

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

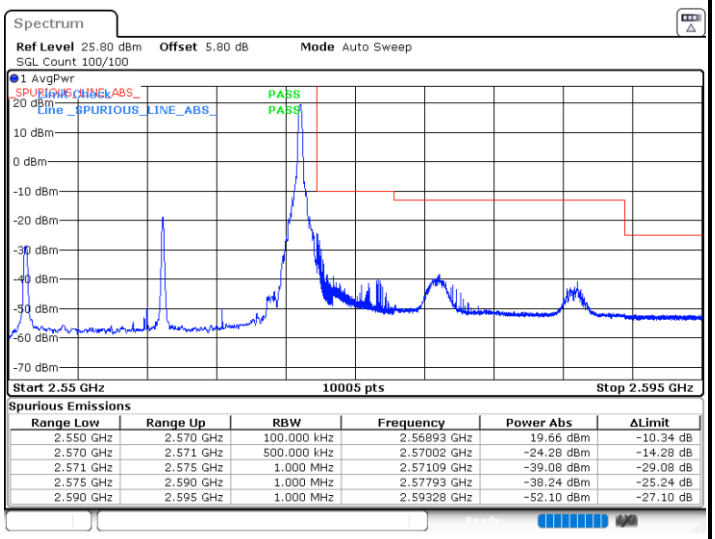


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48325 GHz	-46.56 dBm	-21.56 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49230 GHz	-41.20 dBm	-28.20 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49893 GHz	-39.72 dBm	-29.72 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-22.87 dBm	-12.87 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	19.57 dBm	-10.43 dB

Date: 14.JAN.2022 21:21:17

Highest Band Edge / 1 RB

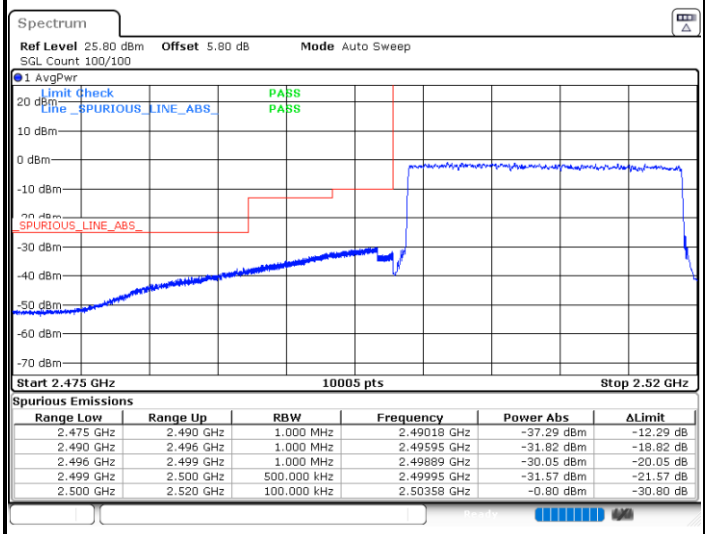


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	19.66 dBm	-10.34 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-24.28 dBm	-14.28 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-39.08 dBm	-29.08 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57793 GHz	-38.24 dBm	-25.24 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59328 GHz	-52.10 dBm	-27.10 dB

Date: 14.JAN.2022 21:28:57

Lowest Band Edge / Full RB

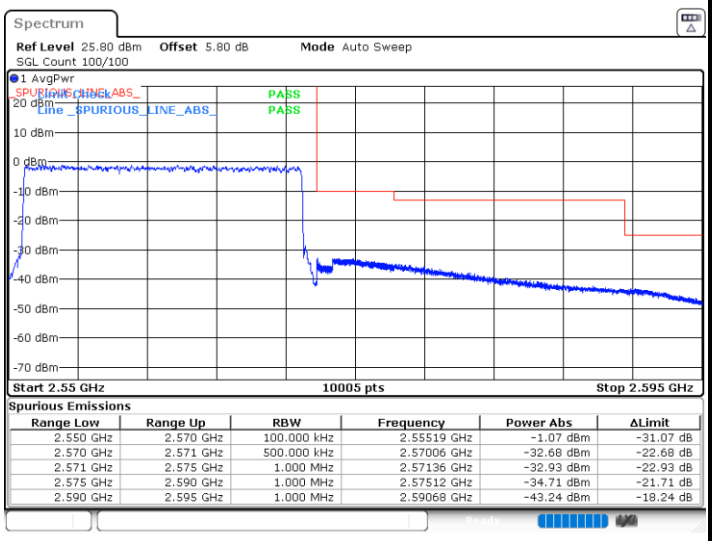


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49018 GHz	-37.29 dBm	-12.29 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-31.82 dBm	-18.82 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49889 GHz	-30.05 dBm	-20.05 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49995 GHz	-31.57 dBm	-21.57 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50358 GHz	-0.80 dBm	-30.80 dB

Date: 14.JAN.2022 21:23:57

Highest Band Edge / Full RB



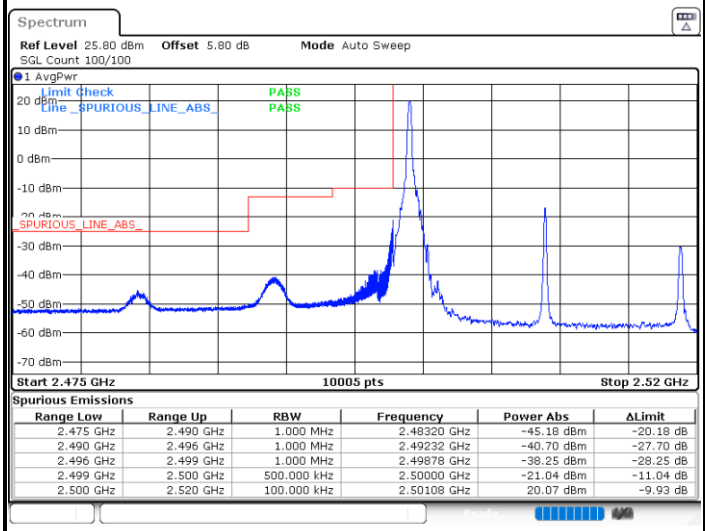
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55519 GHz	-1.07 dBm	-31.07 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57006 GHz	-32.68 dBm	-22.68 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-32.93 dBm	-22.93 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57512 GHz	-34.71 dBm	-21.71 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59068 GHz	-43.24 dBm	-18.24 dB

Date: 14.JAN.2022 21:32:51

LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

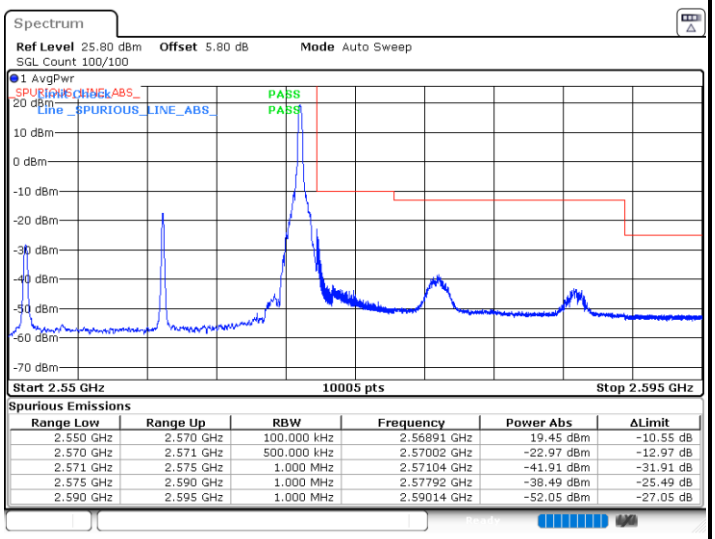


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48320 GHz	-45.18 dBm	-20.18 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49232 GHz	-40.70 dBm	-27.70 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49878 GHz	-38.25 dBm	-28.25 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-21.04 dBm	-11.04 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	20.07 dBm	-9.93 dB

Date: 14.JAN.2022 21:22:10

Highest Band Edge / 1 RB

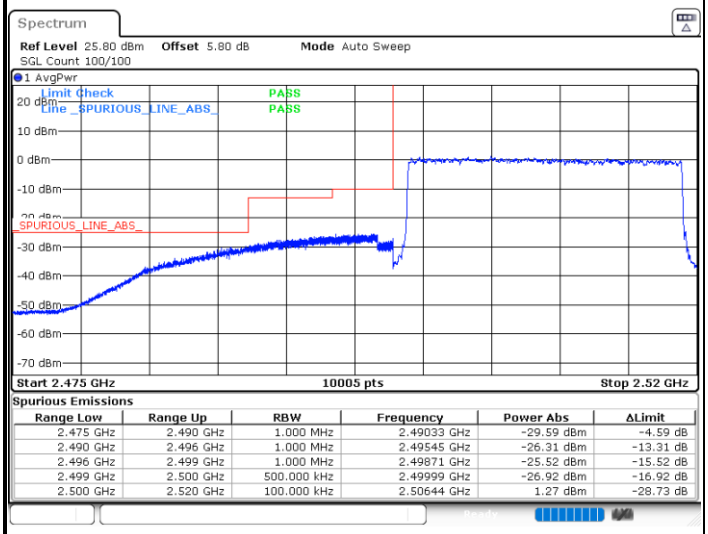


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	19.45 dBm	-10.55 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-22.97 dBm	-12.97 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-41.91 dBm	-31.91 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57792 GHz	-38.49 dBm	-25.49 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59014 GHz	-52.05 dBm	-27.05 dB

Date: 14.JAN.2022 21:31:04

Lowest Band Edge / Full RB

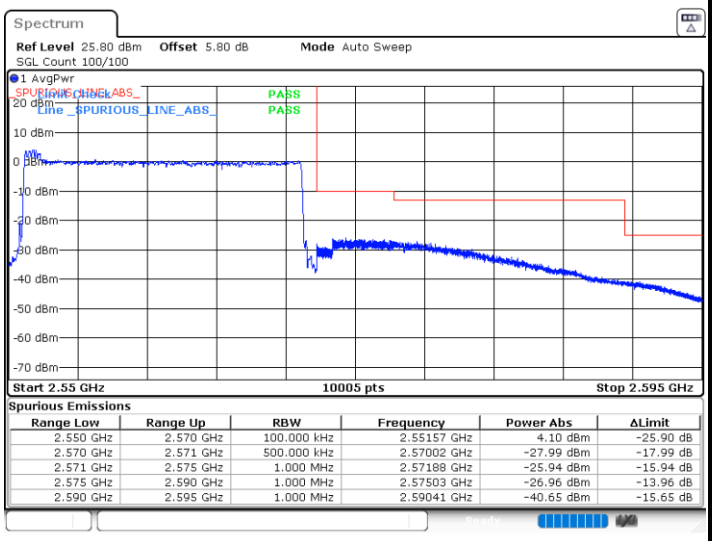


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49033 GHz	-29.59 dBm	-4.59 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49545 GHz	-26.31 dBm	-13.31 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49871 GHz	-25.52 dBm	-15.52 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-26.92 dBm	-16.92 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50644 GHz	1.27 dBm	-28.73 dB

Date: 14.JAN.2022 21:23:04

Highest Band Edge / Full RB



Spurious Emissions

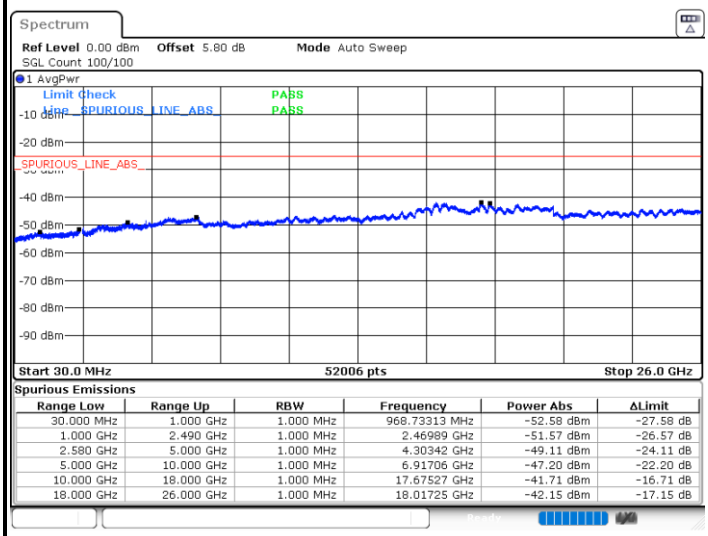
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55157 GHz	4.10 dBm	-25.90 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-27.99 dBm	-17.99 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57188 GHz	-25.94 dBm	-15.94 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-26.96 dBm	-13.96 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59041 GHz	-40.65 dBm	-15.65 dB

Date: 14.JAN.2022 21:31:58

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

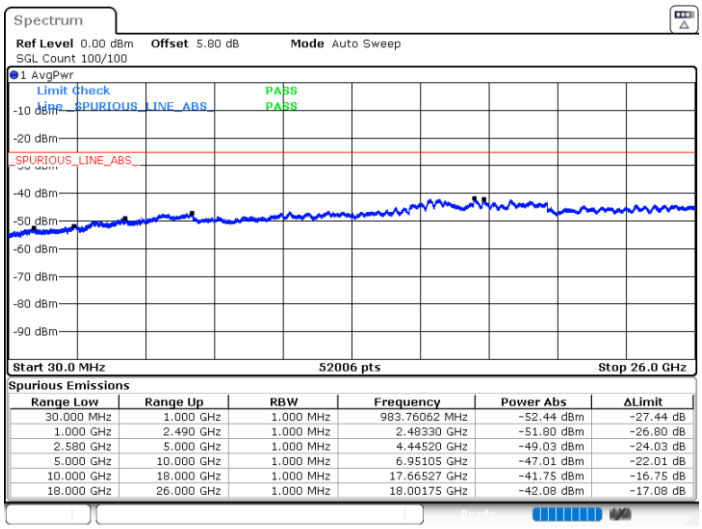


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.73313 MHz	-52.58 dBm	-27.58 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46989 GHz	-51.57 dBm	-26.57 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30342 GHz	-49.11 dBm	-24.11 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91706 GHz	-47.20 dBm	-22.20 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67527 GHz	-41.71 dBm	-16.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01725 GHz	-42.15 dBm	-17.15 dB

Date: 14.JAN.2022 20:34:53

Middle Channel / QPSK

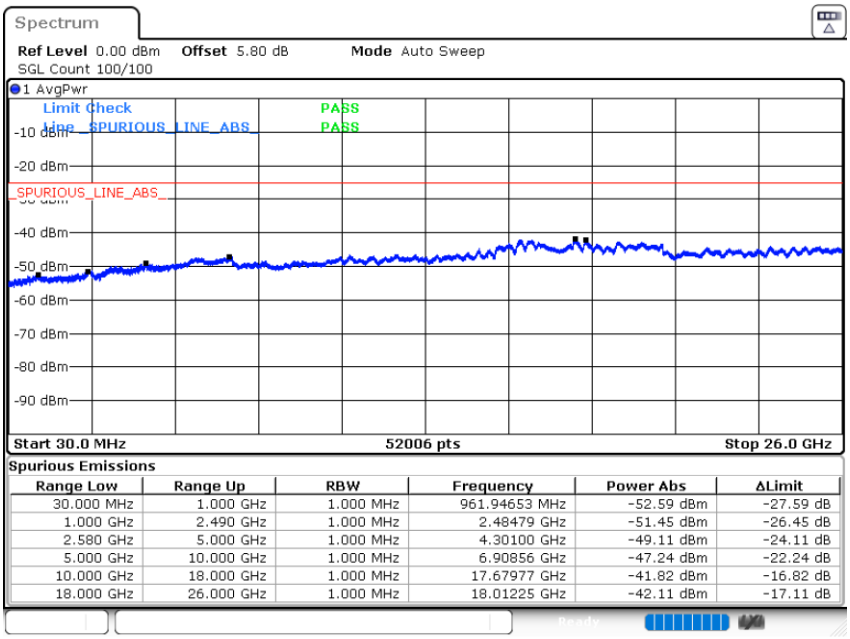


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-52.44 dBm	-27.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-51.80 dBm	-26.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.44520 GHz	-49.03 dBm	-24.03 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95105 GHz	-47.01 dBm	-22.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66527 GHz	-41.75 dBm	-16.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00175 GHz	-42.08 dBm	-17.08 dB

Date: 14.JAN.2022 20:43:17

Highest Channel / QPSK



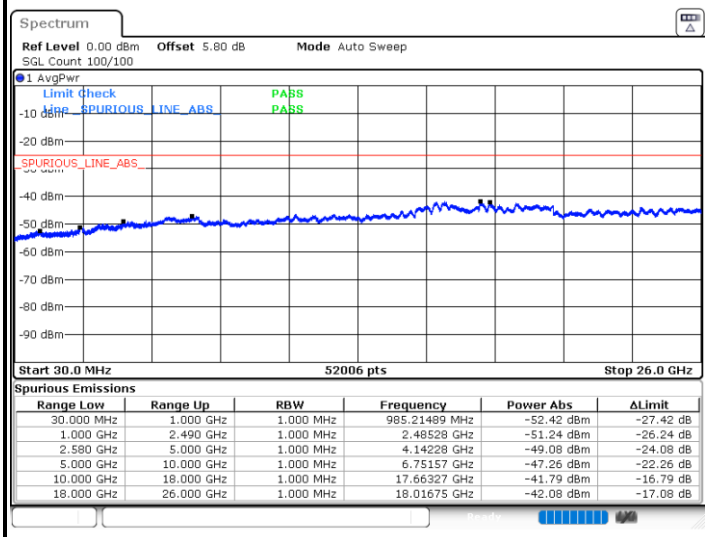
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-52.59 dBm	-27.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-51.45 dBm	-26.45 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30100 GHz	-49.11 dBm	-24.11 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.90856 GHz	-47.24 dBm	-22.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67977 GHz	-41.82 dBm	-16.82 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01225 GHz	-42.11 dBm	-17.11 dB

Date: 14.JAN.2022 20:44:27

LTE Band 7 / 10MHz

Lowest Channel / QPSK

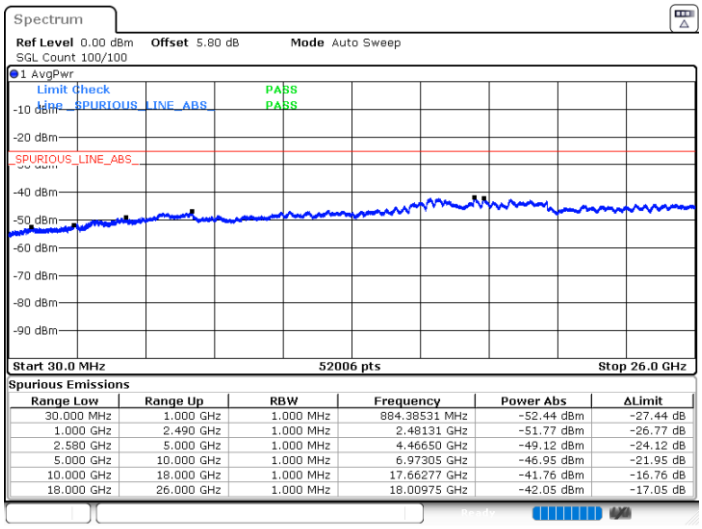


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-52.42 dBm	-27.42 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-51.24 dBm	-26.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.14228 GHz	-49.08 dBm	-24.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.75157 GHz	-47.26 dBm	-22.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66327 GHz	-41.79 dBm	-16.79 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01675 GHz	-42.08 dBm	-17.08 dB

Date: 14.JAN.2022 20:50:59

Middle Channel / QPSK

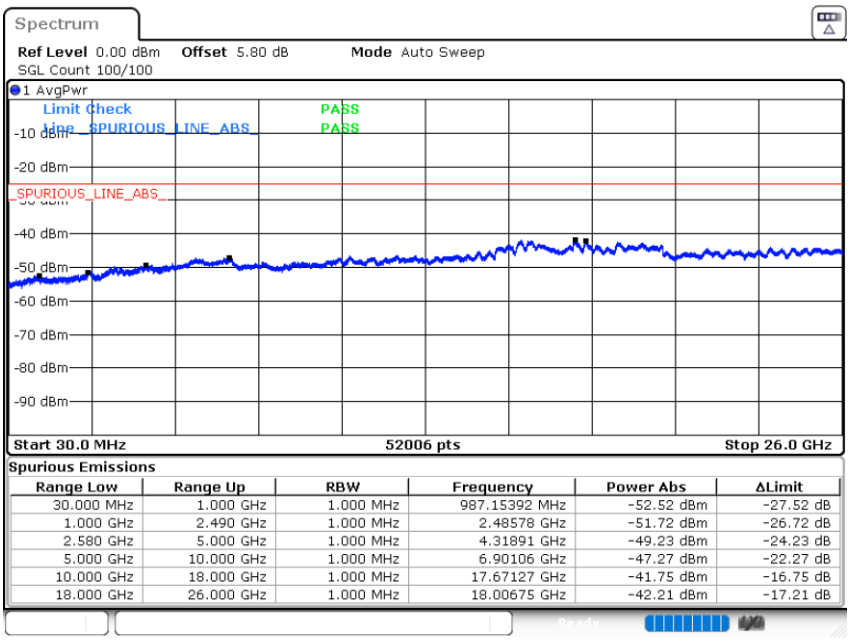


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-52.44 dBm	-27.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48131 GHz	-51.77 dBm	-26.77 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.46650 GHz	-49.12 dBm	-24.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97305 GHz	-46.95 dBm	-21.95 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66277 GHz	-41.76 dBm	-16.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00975 GHz	-42.05 dBm	-17.05 dB

Date: 14.JAN.2022 20:57:57

Highest Channel / QPSK



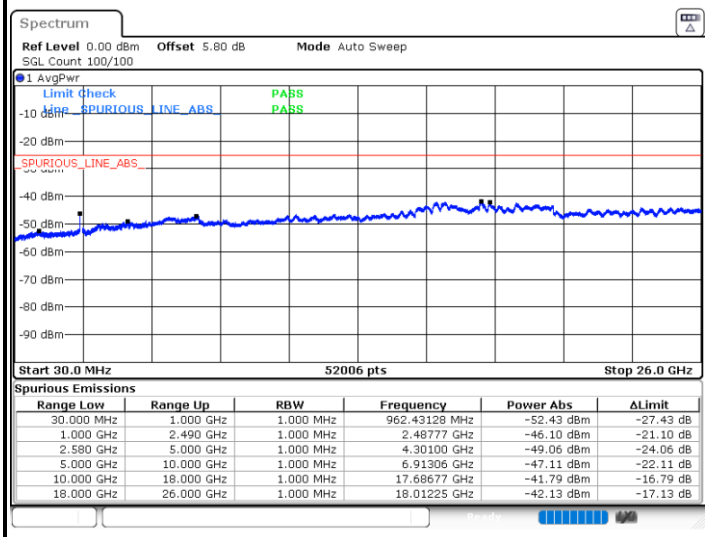
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-52.52 dBm	-27.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-51.72 dBm	-26.72 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31891 GHz	-49.23 dBm	-24.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.90106 GHz	-47.27 dBm	-22.27 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67127 GHz	-41.75 dBm	-16.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00675 GHz	-42.21 dBm	-17.21 dB

Date: 14.JAN.2022 20:59:07

LTE Band 7 / 15MHz

Lowest Channel / QPSK

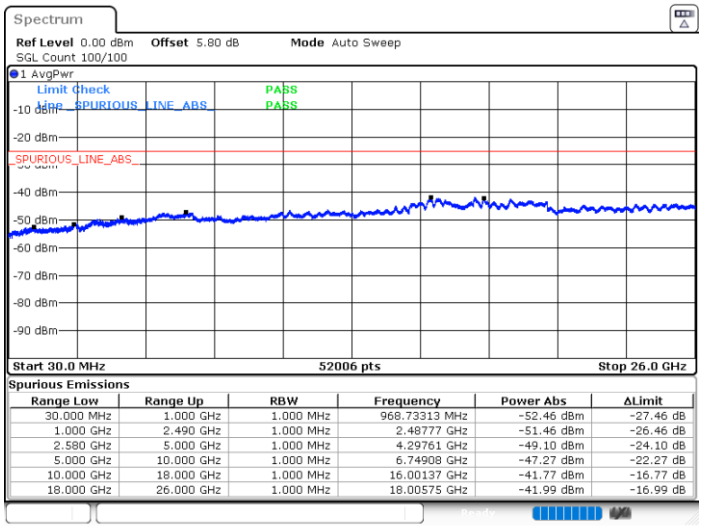


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.43128 MHz	-52.43 dBm	-27.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.10 dBm	-21.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30100 GHz	-49.06 dBm	-24.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91306 GHz	-47.11 dBm	-22.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.68677 GHz	-41.79 dBm	-16.79 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01225 GHz	-42.13 dBm	-17.13 dB

Date: 14.JAN.2022 21:05:37

Middle Channel / QPSK

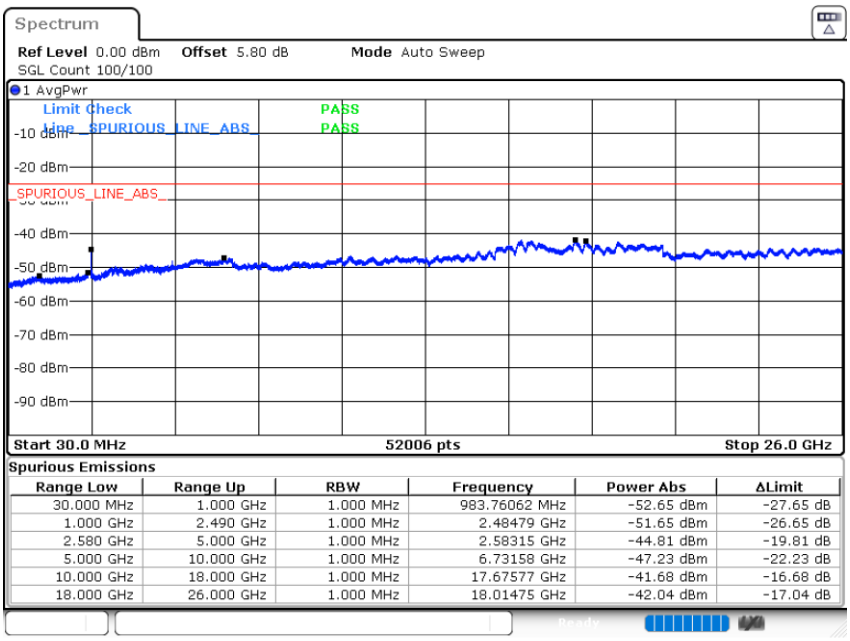


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.73313 MHz	-52.46 dBm	-27.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-51.46 dBm	-26.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29761 GHz	-49.10 dBm	-24.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.74908 GHz	-47.27 dBm	-22.27 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.00137 GHz	-41.77 dBm	-16.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00575 GHz	-41.99 dBm	-16.99 dB

Date: 14.JAN.2022 21:11:58

Highest Channel / QPSK



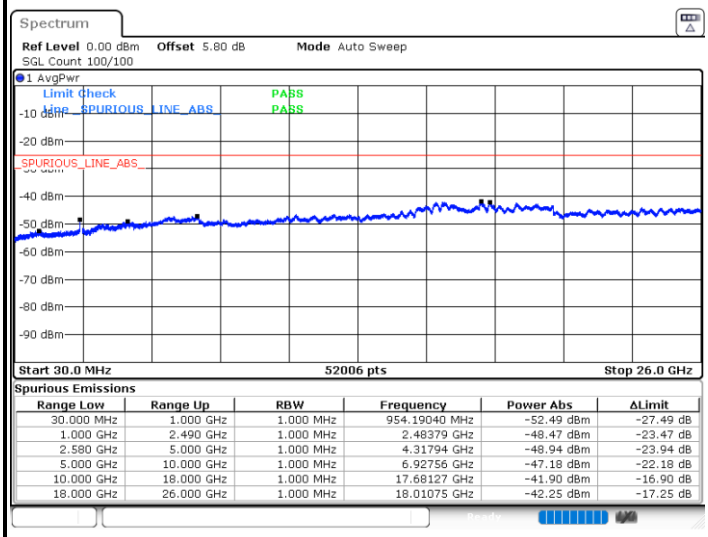
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-52.65 dBm	-27.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-51.65 dBm	-26.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58315 GHz	-44.81 dBm	-19.81 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.73158 GHz	-47.23 dBm	-22.23 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67577 GHz	-41.68 dBm	-16.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01475 GHz	-42.04 dBm	-17.04 dB

Date: 14.JAN.2022 21:13:08

LTE Band 7 / 20MHz

Lowest Channel / QPSK

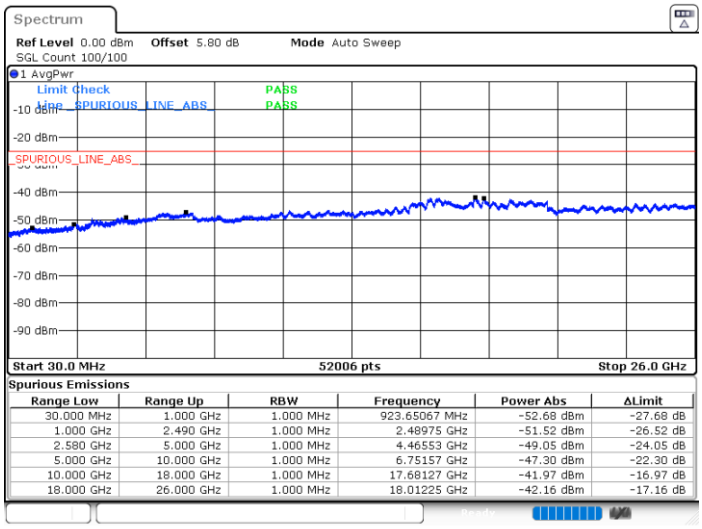


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.19040 MHz	-52.49 dBm	-27.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-48.47 dBm	-23.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31794 GHz	-48.94 dBm	-23.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92756 GHz	-47.18 dBm	-22.18 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.68127 GHz	-41.90 dBm	-16.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01075 GHz	-42.25 dBm	-17.25 dB

Date: 14.JAN.2022 21:19:39

Middle Channel / QPSK

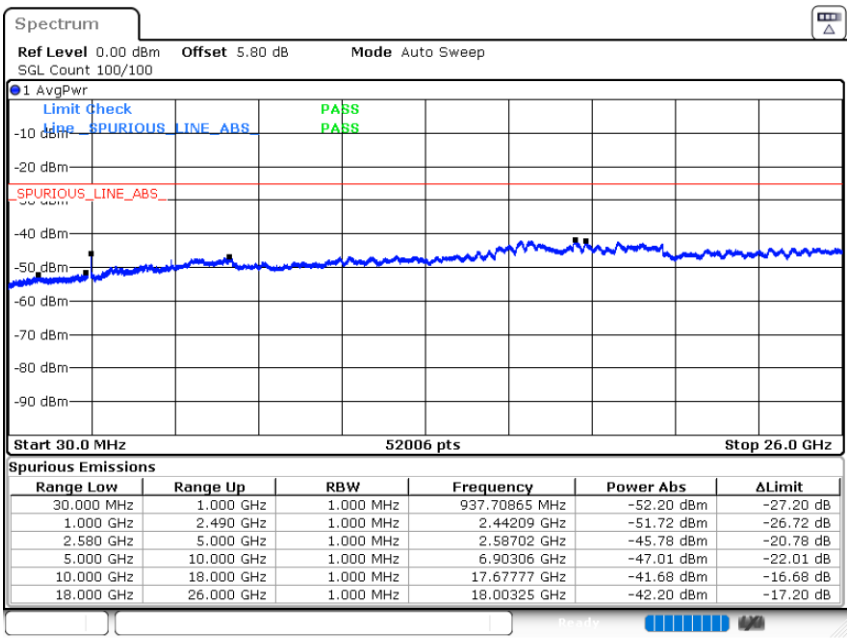


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-52.68 dBm	-27.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-51.52 dBm	-26.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.46553 GHz	-49.05 dBm	-24.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.75157 GHz	-47.30 dBm	-22.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.68127 GHz	-41.97 dBm	-16.97 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01225 GHz	-42.16 dBm	-17.16 dB

Date: 14.JAN.2022 21:26:01

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-52.20 dBm	-27.20 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44209 GHz	-51.72 dBm	-26.72 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-45.78 dBm	-20.78 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.90306 GHz	-47.01 dBm	-22.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67777 GHz	-41.68 dBm	-16.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00325 GHz	-42.20 dBm	-17.20 dB

Date: 14.JAN.2022 21:27:11

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	0.0025	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

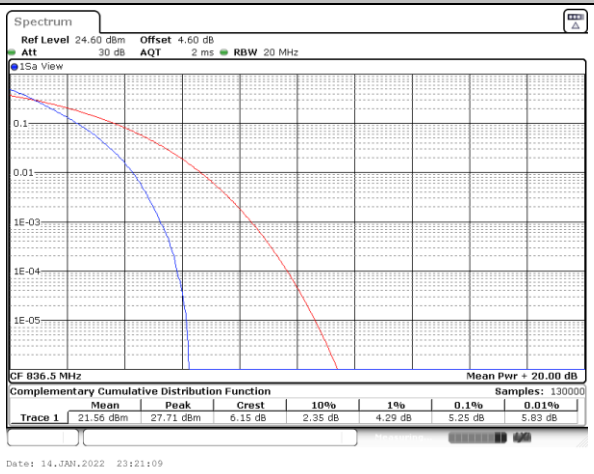
LTE Band 26

Peak-to-Average Ratio

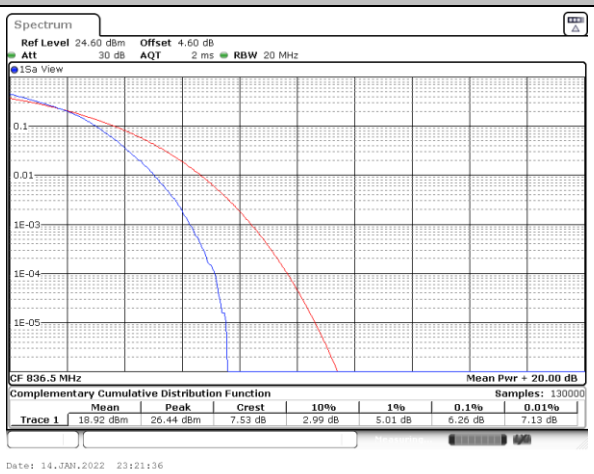
Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.25	6.26	5.97	PASS

LTE Band 26 / 15MHz

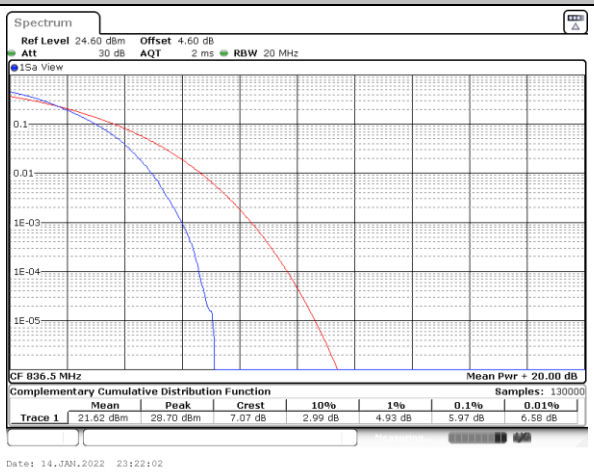
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM

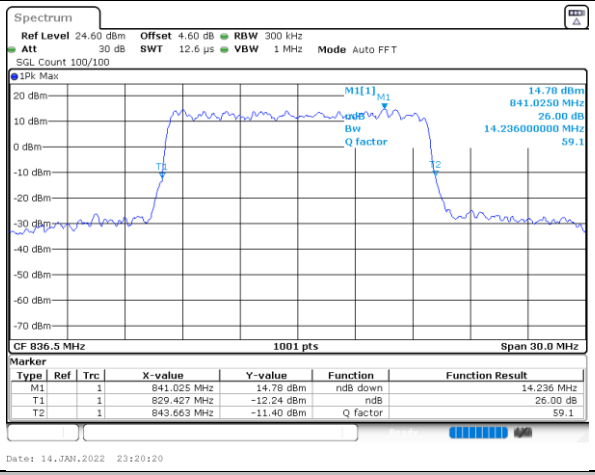


26dB Bandwidth

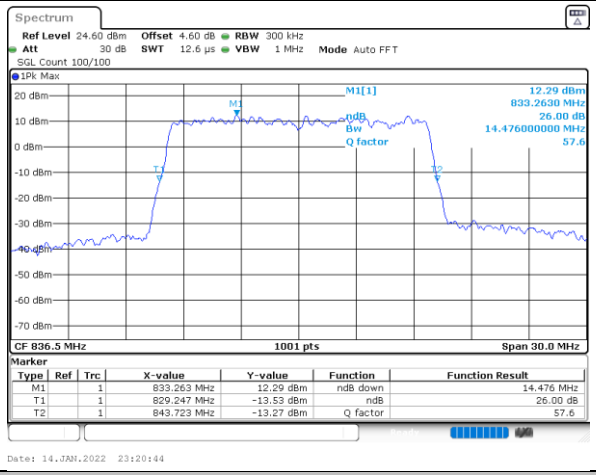
Mode	LTE Band 26 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.24	14.48
CH 26765	14.33	14.42

LTE Band 26

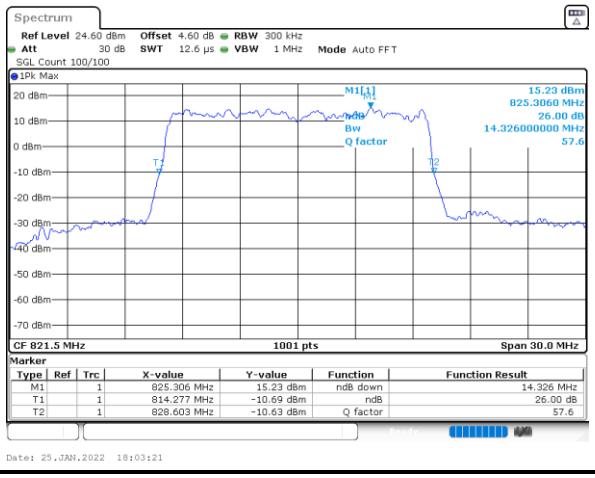
Middle Channel / 15MHz / QPSK



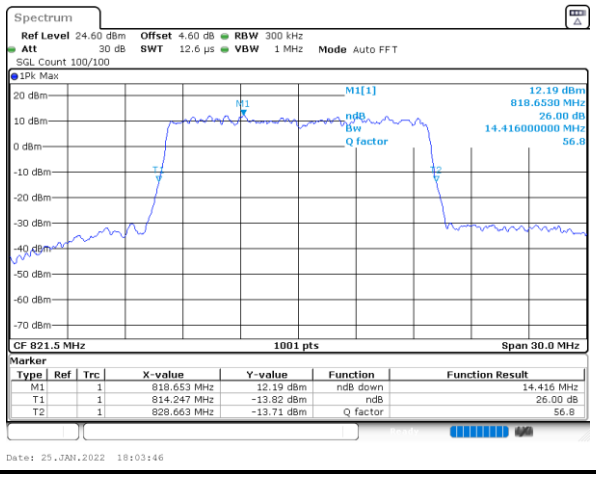
Middle Channel / 15MHz / 16QAM



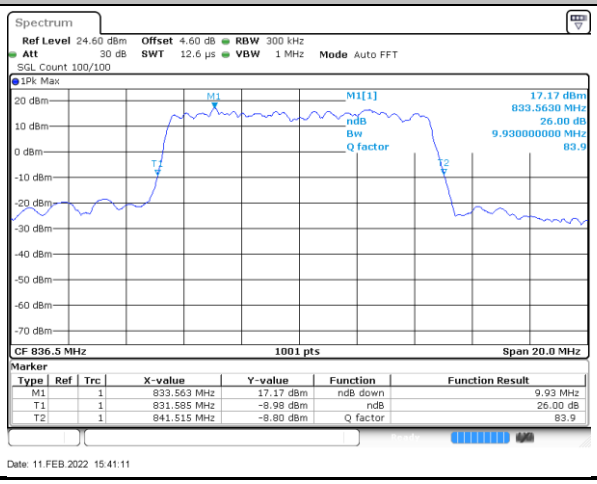
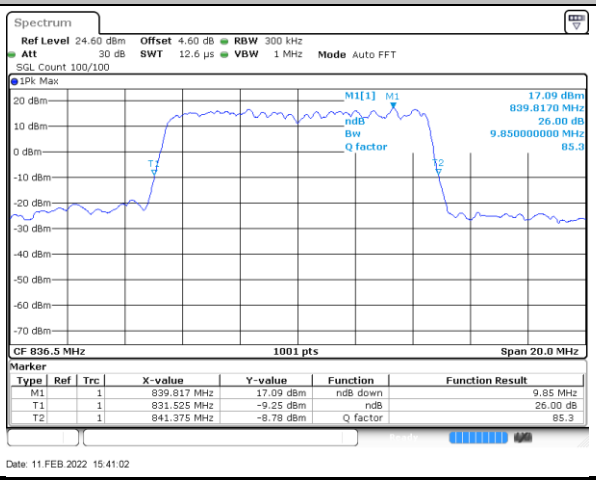
Channel 26765 / QPSK



Channel 26765 / 16QAM



Mode	LTE Band 26 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.93	9.85

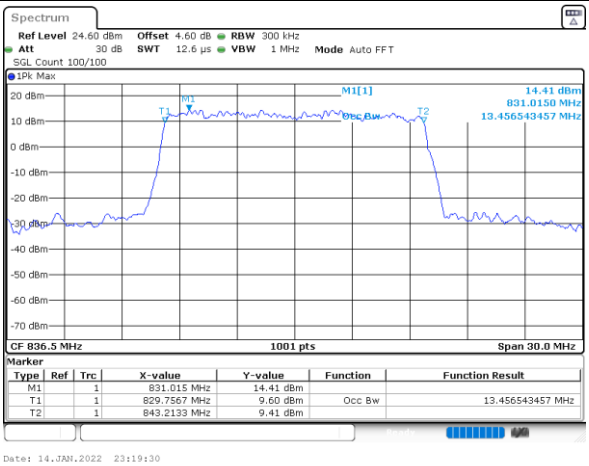
LTE Band 26	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM
	

Occupied Bandwidth

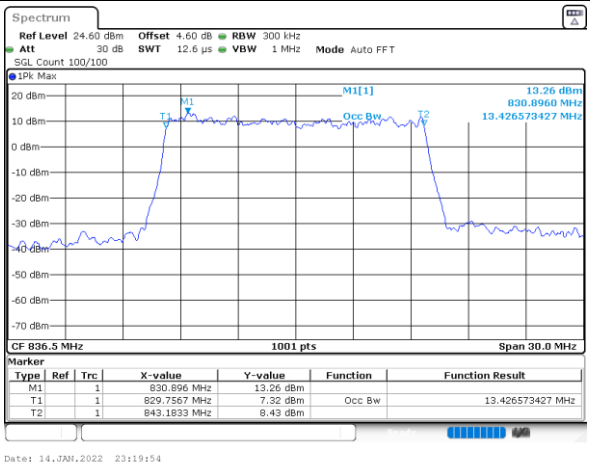
Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.43
CH 26765	13.34	13.52

LTE Band 26

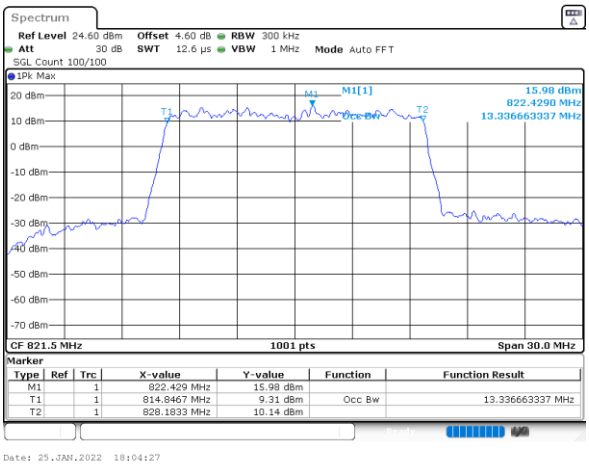
Middle Channel / 15MHz / QPSK



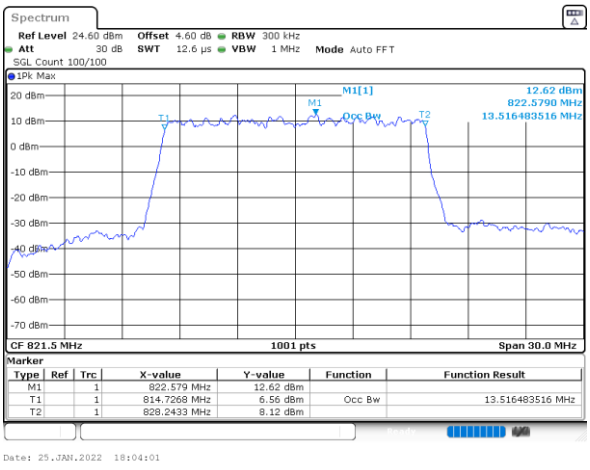
Middle Channel / 15MHz / 16QAM



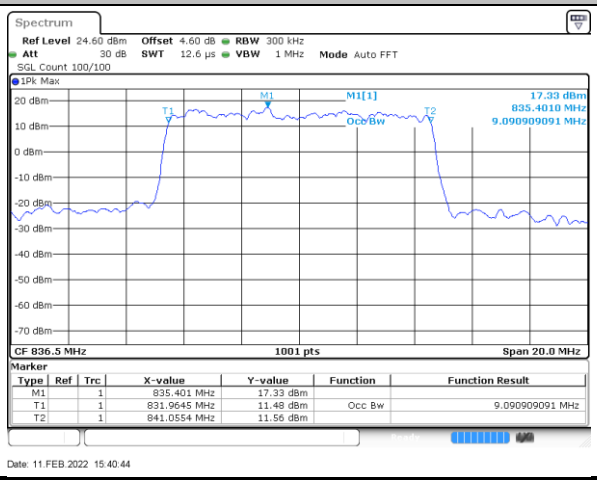
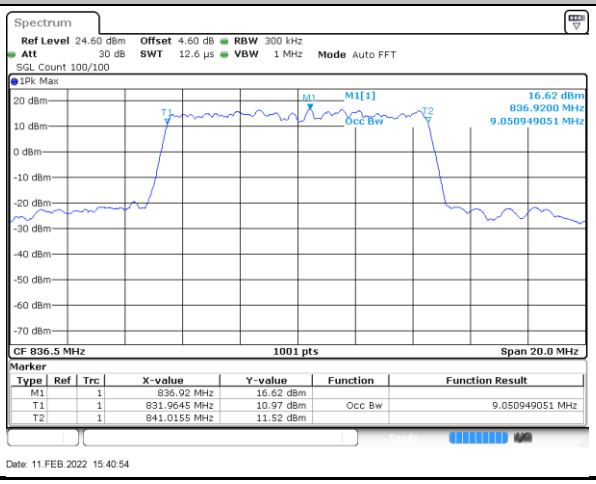
Channel 26765 / QPSK



Channel 26765 / 16QAM



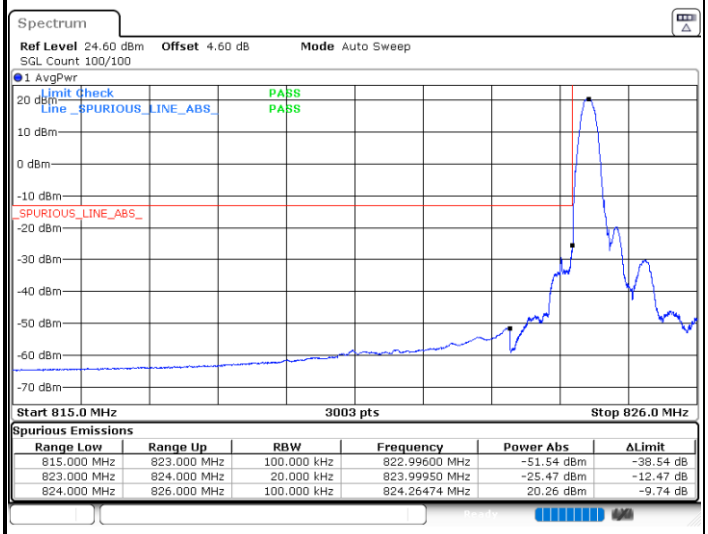
Mode	LTE Band 26 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	9.05

LTE Band 26	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM
	

Conducted Band Edge

LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

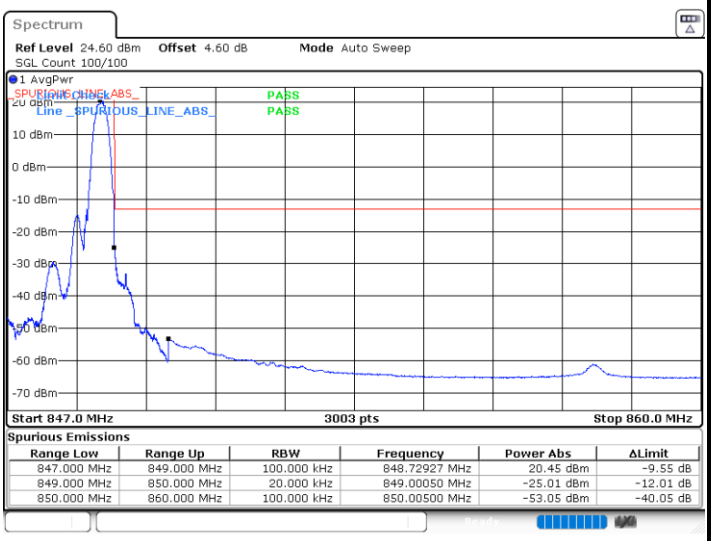


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-51.54 dBm	-38.54 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-25.47 dBm	-12.47 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.26474 MHz	20.26 dBm	-9.74 dB

Date: 14.JAN.2022 21:53:53

Highest Band Edge / 1RB

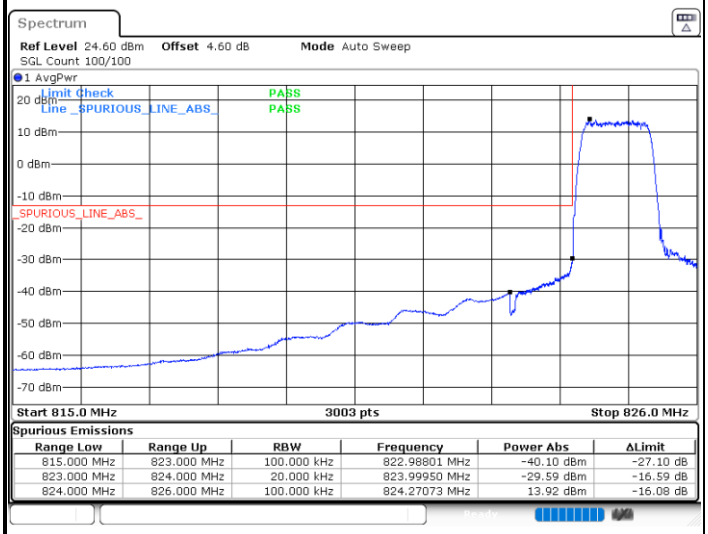


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72927 MHz	20.45 dBm	-9.55 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-25.01 dBm	-12.01 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-53.05 dBm	-40.05 dB

Date: 14.JAN.2022 22:06:20

Lowest Band Edge / Full RB

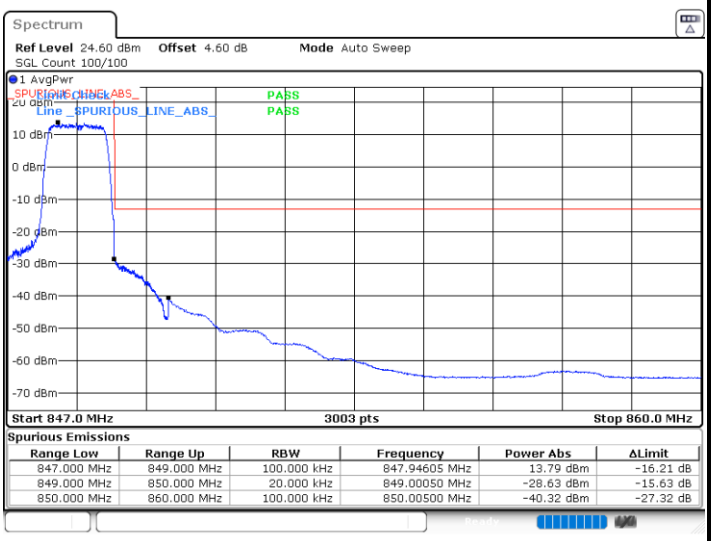


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-40.10 dBm	-27.10 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-29.59 dBm	-16.59 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.27073 MHz	13.92 dBm	-16.08 dB

Date: 14.JAN.2022 22:02:46

Highest Band Edge / Full RB



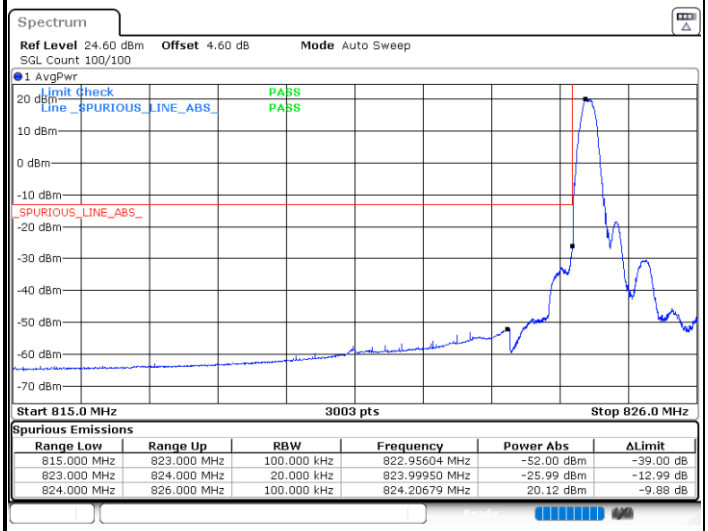
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.94605 MHz	13.79 dBm	-16.21 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-28.63 dBm	-15.63 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-40.32 dBm	-27.32 dB

Date: 14.JAN.2022 22:14:29

LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

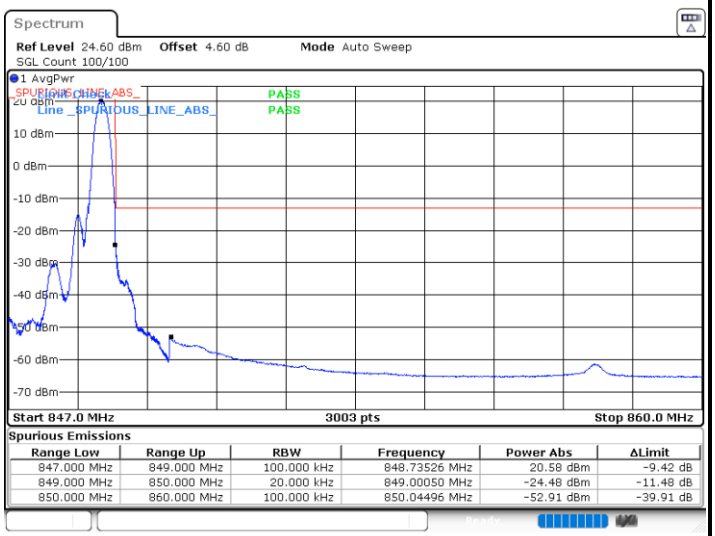


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-52.00 dBm	-39.00 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-25.99 dBm	-12.99 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.20679 MHz	20.12 dBm	-9.88 dB

Date: 14.JAN.2022 21:56:15

Highest Band Edge / 1 RB

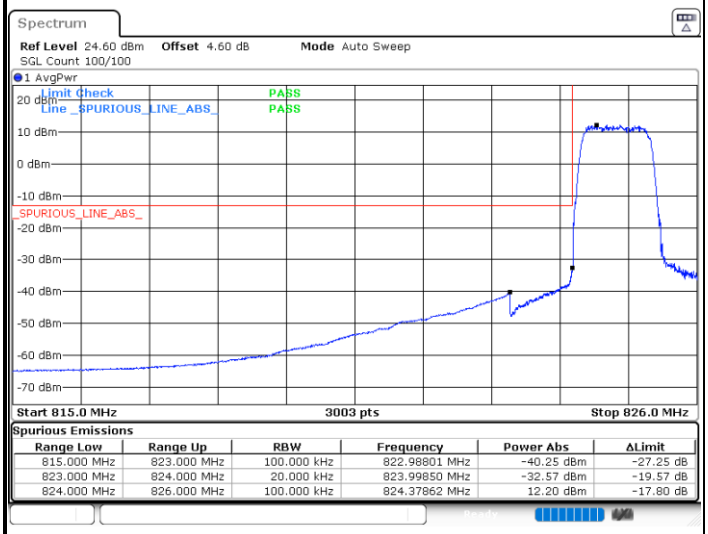


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.73526 MHz	20.58 dBm	-9.42 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-24.48 dBm	-11.48 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-52.91 dBm	-39.91 dB

Date: 14.JAN.2022 22:07:58

Lowest Band Edge / Full RB

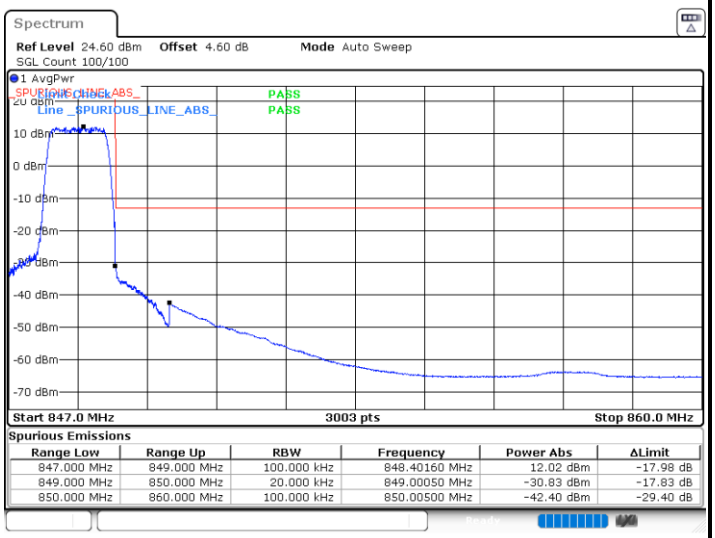


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-40.25 dBm	-27.25 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-32.57 dBm	-19.57 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.37862 MHz	12.20 dBm	-17.80 dB

Date: 14.JAN.2022 22:01:09

Highest Band Edge / Full RB



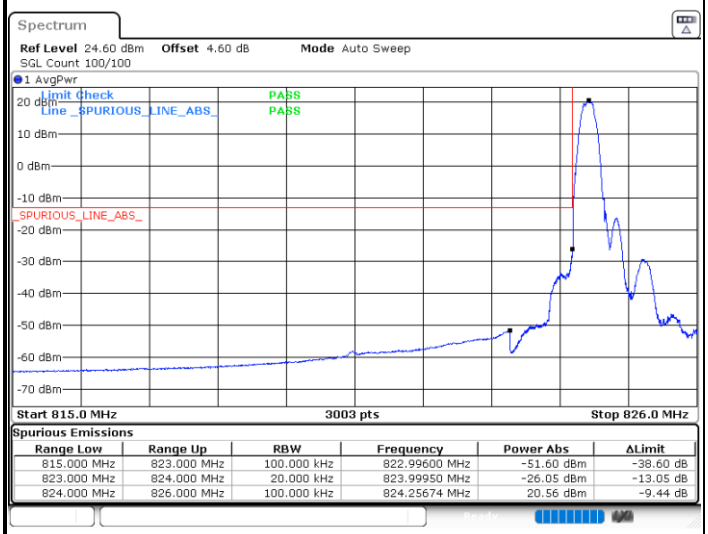
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.40160 MHz	12.02 dBm	-17.98 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-30.83 dBm	-17.83 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-42.40 dBm	-29.40 dB

Date: 14.JAN.2022 22:12:52

LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

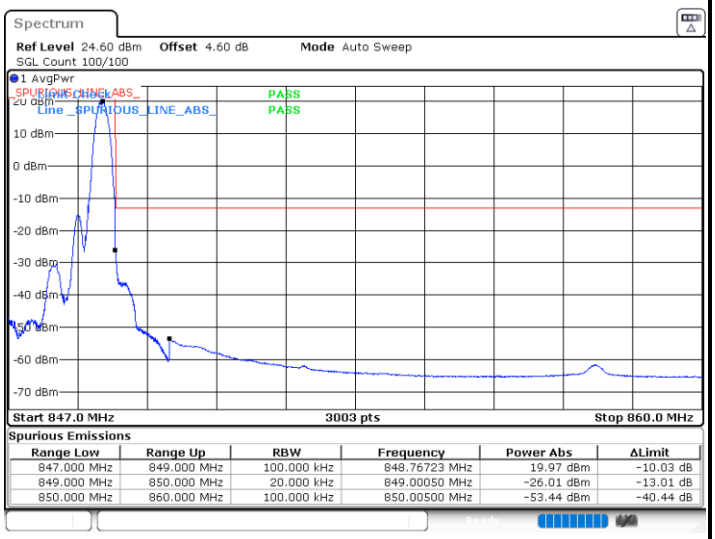


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-51.60 dBm	-38.60 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-26.05 dBm	-13.05 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.25674 MHz	20.56 dBm	-9.44 dB

Date: 14.JAN.2022 21:57:53

Highest Band Edge / 1 RB

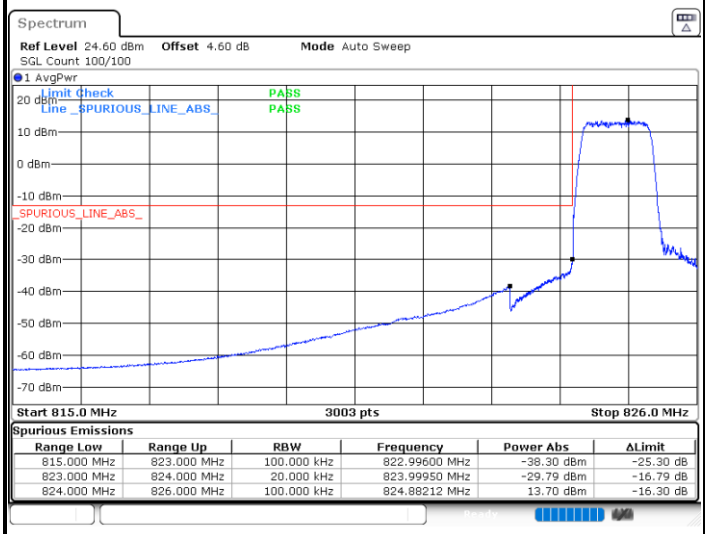


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.76723 MHz	19.97 dBm	-10.03 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-26.01 dBm	-13.01 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-53.44 dBm	-40.44 dB

Date: 14.JAN.2022 22:09:36

Lowest Band Edge / Full RB

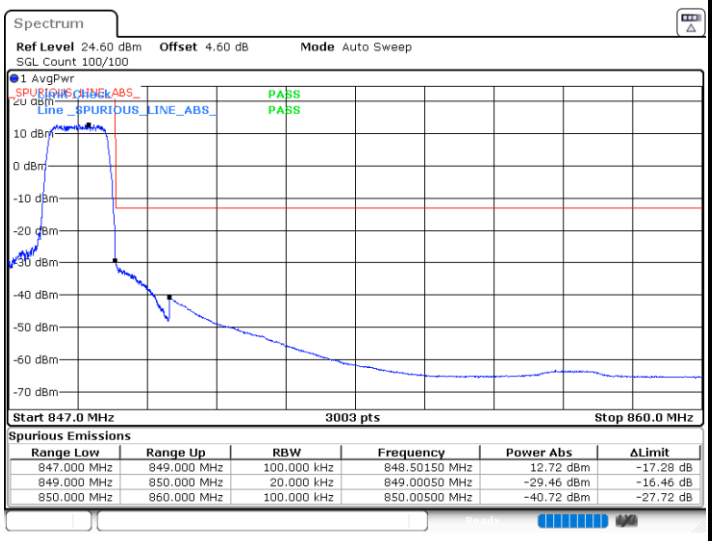


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-38.30 dBm	-25.30 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-29.79 dBm	-16.79 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.88212 MHz	13.70 dBm	-16.30 dB

Date: 14.JAN.2022 21:59:31

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.50150 MHz	12.72 dBm	-17.28 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-29.46 dBm	-16.46 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-40.72 dBm	-27.72 dB

Date: 14.JAN.2022 22:11:14