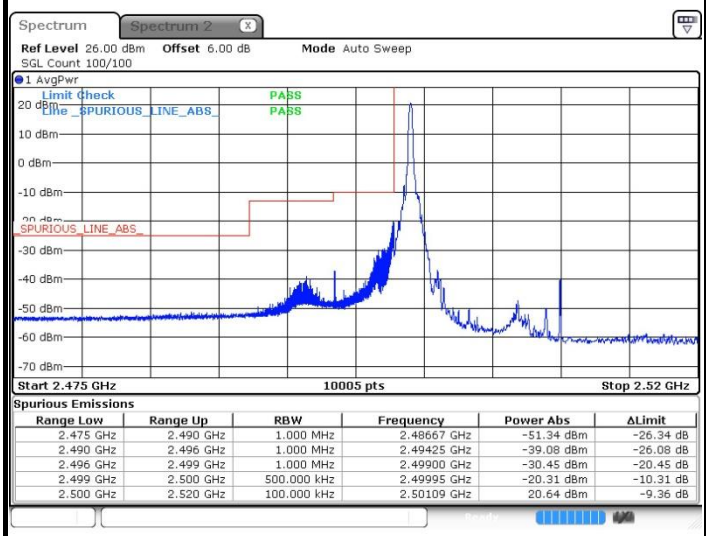
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

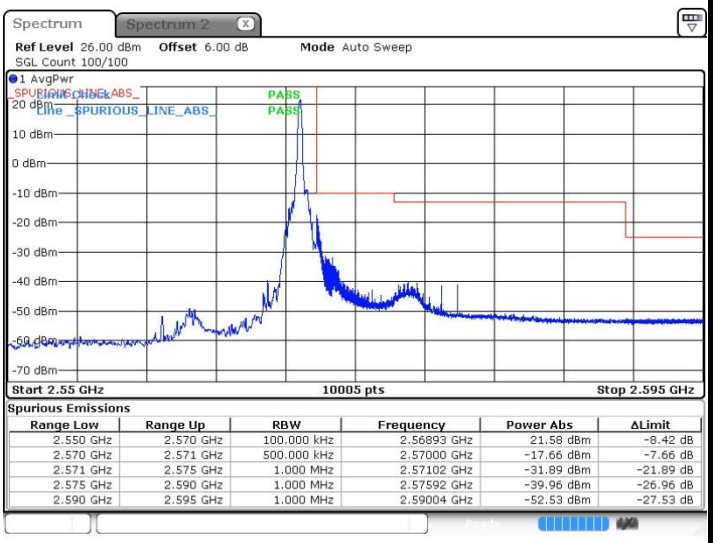


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48667 GHz	-51.34 dBm	-26.34 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49425 GHz	-39.08 dBm	-26.08 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-30.45 dBm	-20.45 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49995 GHz	-20.31 dBm	-10.31 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	20.64 dBm	-9.36 dB

Date: 21.OCT.2021 20:26:10

Highest Band Edge / 1 RB

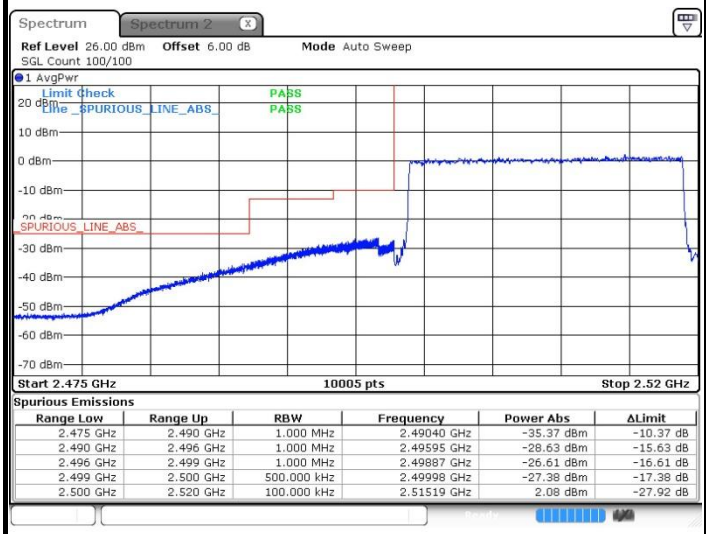


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	21.58 dBm	-8.42 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-17.66 dBm	-7.66 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-31.89 dBm	-21.89 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57592 GHz	-39.96 dBm	-26.96 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59004 GHz	-52.53 dBm	-27.53 dB

Date: 21.OCT.2021 20:28:08

Lowest Band Edge / Full RB

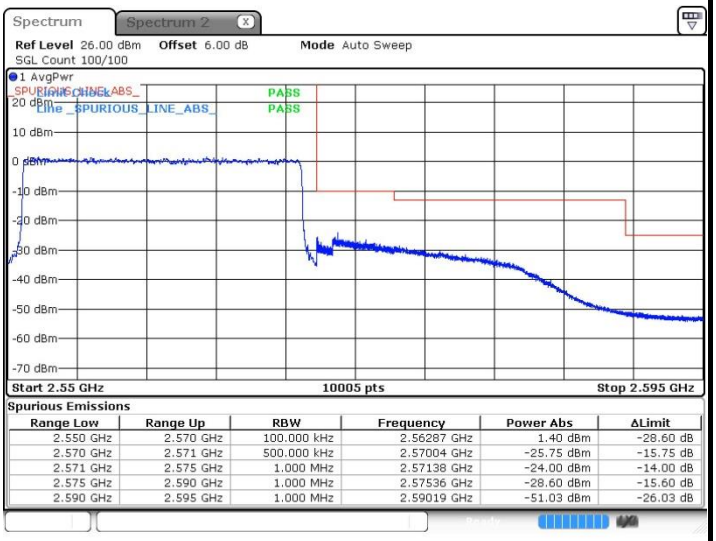


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-35.37 dBm	-10.37 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-28.63 dBm	-15.63 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-26.61 dBm	-16.61 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-27.38 dBm	-17.38 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51519 GHz	2.08 dBm	-27.92 dB

Date: 21.OCT.2021 20:25:10

Highest Band Edge / Full RB



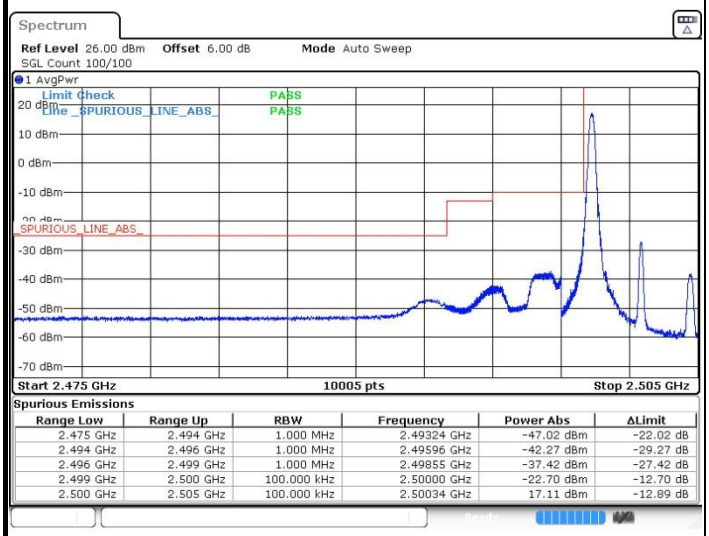
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56287 GHz	1.40 dBm	-28.60 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-25.75 dBm	-15.75 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57138 GHz	-24.00 dBm	-14.00 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57536 GHz	-28.60 dBm	-15.60 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59019 GHz	-51.03 dBm	-26.03 dB

Date: 21.OCT.2021 20:27:09

LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

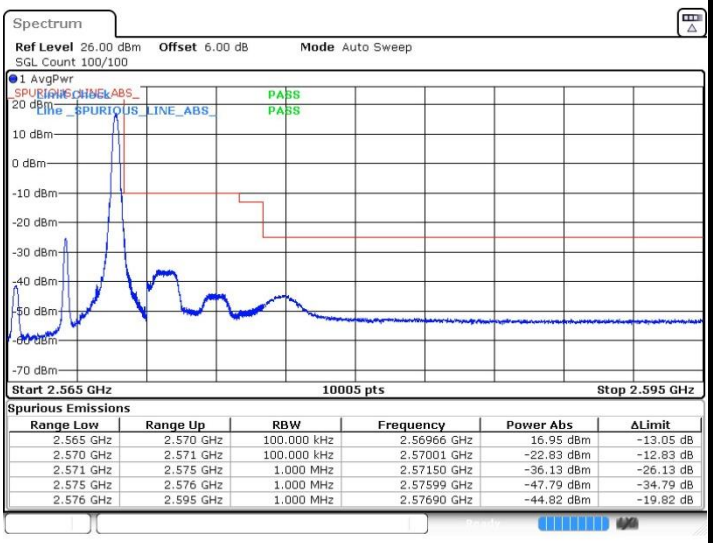


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49324 GHz	-47.02 dBm	-22.02 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-42.27 dBm	-29.27 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49855 GHz	-37.42 dBm	-27.42 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-22.70 dBm	-12.70 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	17.11 dBm	-12.89 dB

Date: 2.NOV.2021 20:10:10

Highest Band Edge / 1 RB

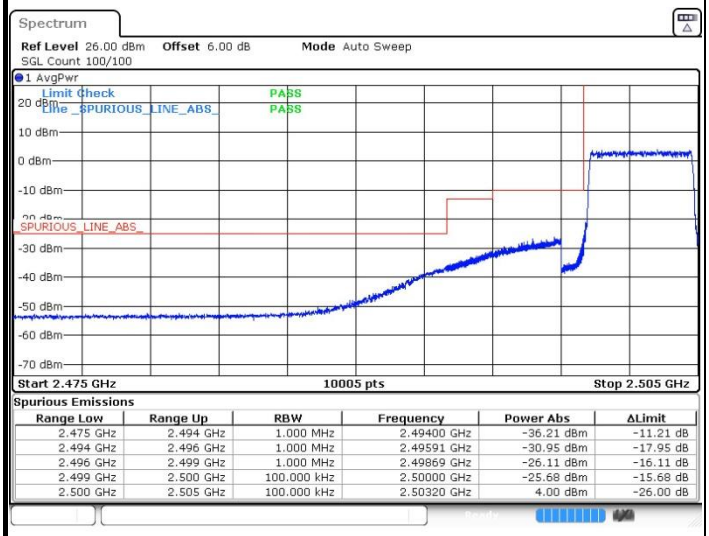


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	16.95 dBm	-13.05 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-22.83 dBm	-12.83 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57150 GHz	-36.13 dBm	-26.13 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57599 GHz	-47.79 dBm	-34.79 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57690 GHz	-44.82 dBm	-19.82 dB

Date: 2.NOV.2021 20:17:47

Lowest Band Edge / Full RB

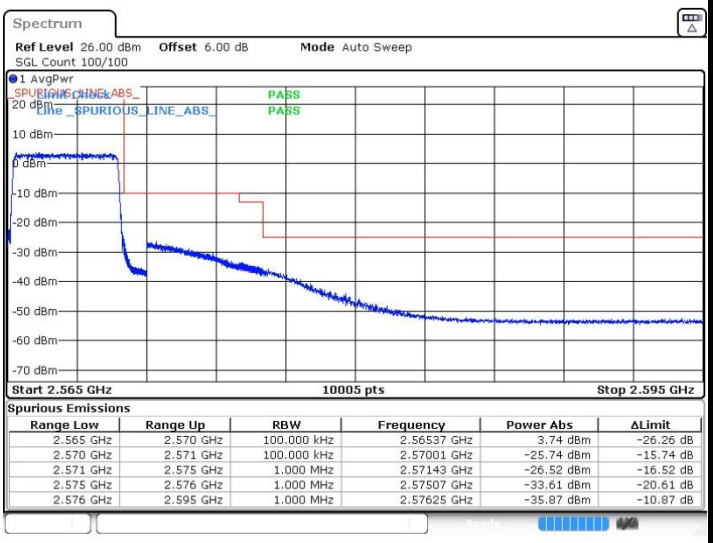


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49400 GHz	-36.21 dBm	-11.21 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-30.95 dBm	-17.95 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49869 GHz	-26.11 dBm	-16.11 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-25.68 dBm	-15.68 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50320 GHz	4.00 dBm	-26.00 dB

Date: 2.NOV.2021 20:09:17

Highest Band Edge / Full RB



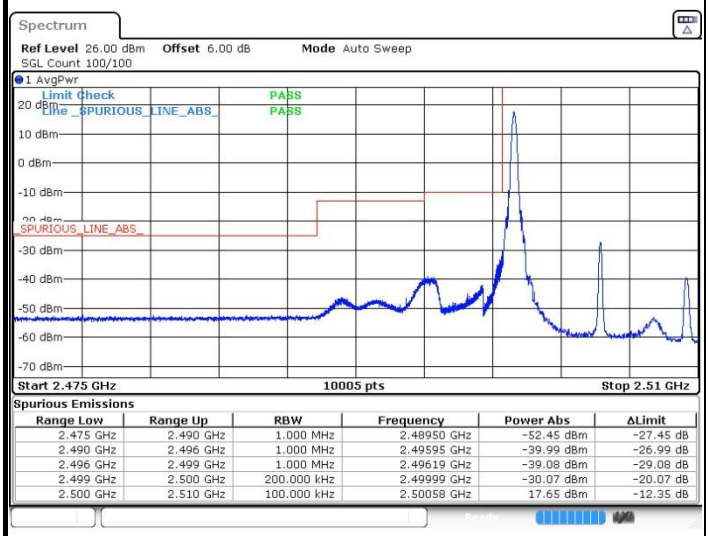
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56537 GHz	3.74 dBm	-26.26 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-25.74 dBm	-15.74 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57143 GHz	-26.52 dBm	-16.52 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57507 GHz	-33.61 dBm	-20.61 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57625 GHz	-35.87 dBm	-10.87 dB

Date: 2.NOV.2021 20:18:13

LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

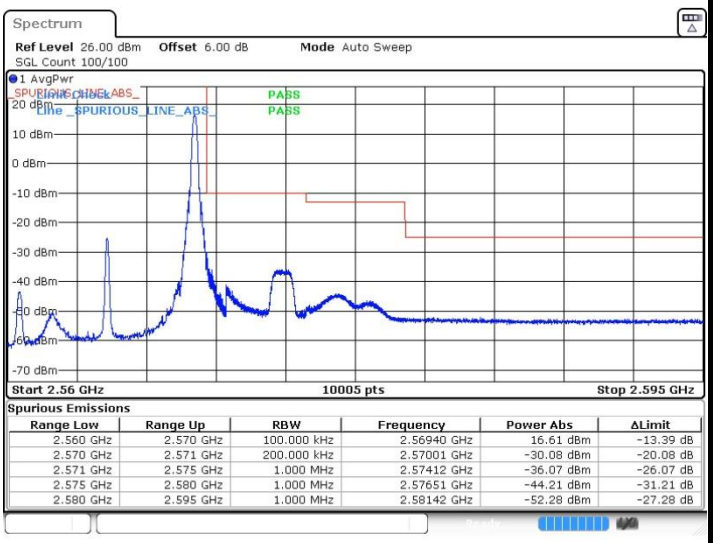


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48950 GHz	-52.45 dBm	-27.45 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-39.99 dBm	-26.99 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49619 GHz	-39.08 dBm	-29.08 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-30.07 dBm	-20.07 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	17.65 dBm	-12.35 dB

Date: 2.NOV.2021 20:19:39

Highest Band Edge / 1 RB

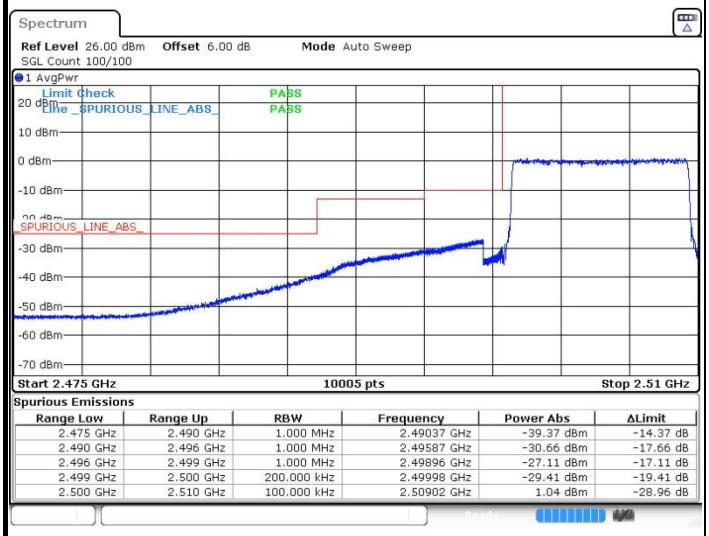


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56940 GHz	16.61 dBm	-13.39 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-30.08 dBm	-20.08 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57412 GHz	-36.07 dBm	-26.07 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57651 GHz	-44.21 dBm	-31.21 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58142 GHz	-52.28 dBm	-27.28 dB

Date: 2.NOV.2021 20:22:00

Lowest Band Edge / Full RB

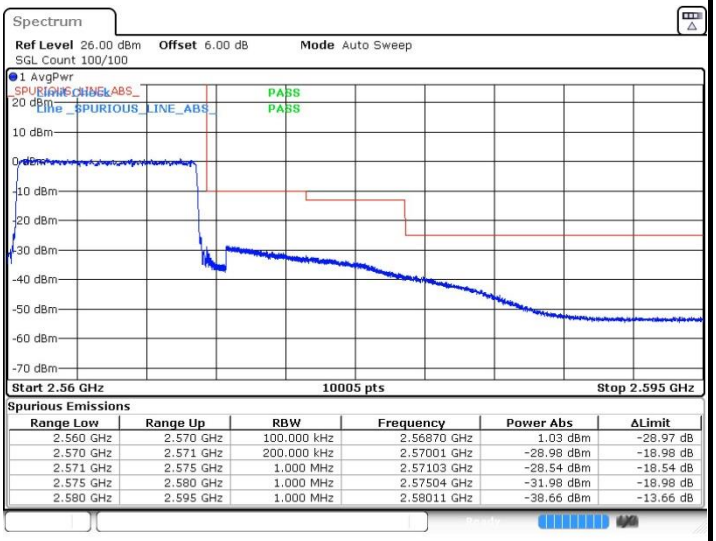


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49037 GHz	-39.37 dBm	-14.37 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49587 GHz	-30.66 dBm	-17.66 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-27.11 dBm	-17.11 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-29.41 dBm	-19.41 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50902 GHz	1.04 dBm	-28.96 dB

Date: 2.NOV.2021 20:19:14

Highest Band Edge / Full RB



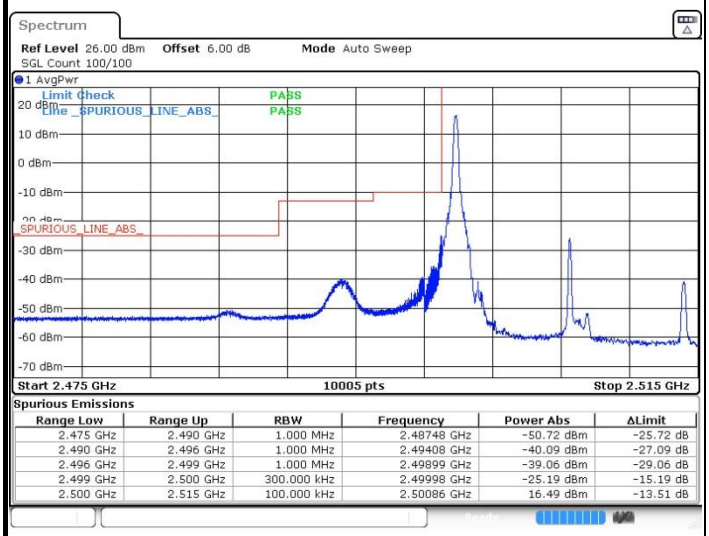
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56870 GHz	1.03 dBm	-28.97 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-28.98 dBm	-18.98 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-28.54 dBm	-18.54 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57504 GHz	-31.98 dBm	-18.98 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58011 GHz	-38.66 dBm	-13.66 dB

Date: 2.NOV.2021 20:22:21

LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

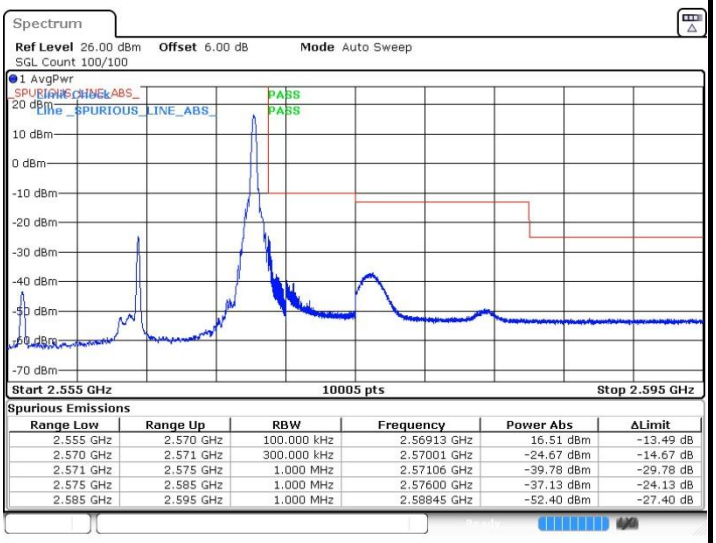


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48748 GHz	-50.72 dBm	-25.72 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49408 GHz	-40.09 dBm	-27.09 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-39.06 dBm	-29.06 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-25.19 dBm	-15.19 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50086 GHz	16.49 dBm	-13.51 dB

Date: 2.NOV.2021 20:24:00

Highest Band Edge / 1 RB

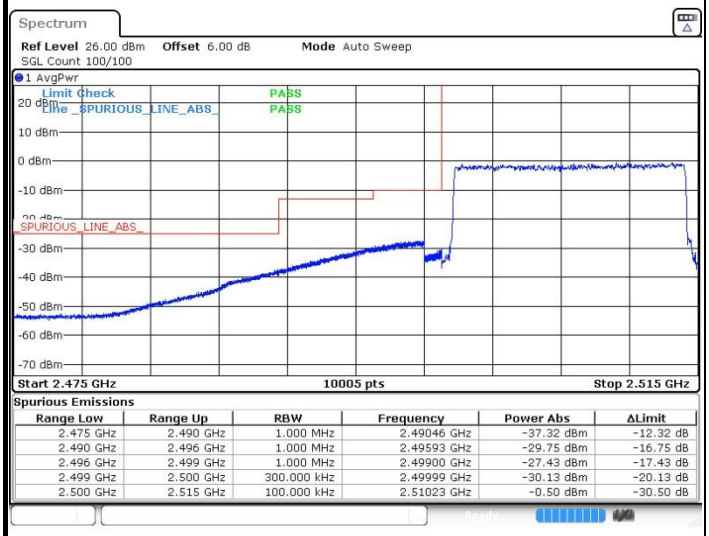


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56913 GHz	16.51 dBm	-13.49 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-24.67 dBm	-14.67 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-39.78 dBm	-29.78 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57600 GHz	-37.13 dBm	-24.13 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58845 GHz	-52.40 dBm	-27.40 dB

Date: 2.NOV.2021 20:25:07

Lowest Band Edge / Full RB

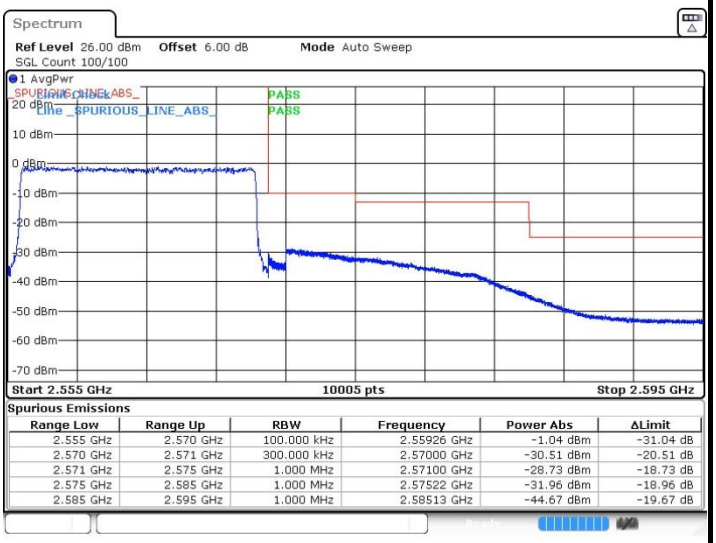


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-37.32 dBm	-12.32 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-29.75 dBm	-16.75 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-27.43 dBm	-17.43 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-30.13 dBm	-20.13 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51023 GHz	-0.50 dBm	-30.50 dB

Date: 2.NOV.2021 20:23:40

Highest Band Edge / Full RB



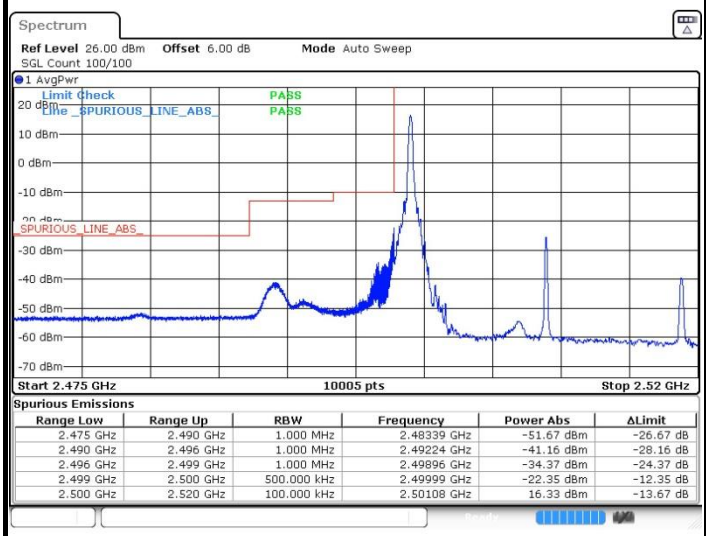
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55926 GHz	-1.04 dBm	-31.04 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-30.51 dBm	-20.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-28.73 dBm	-18.73 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57522 GHz	-31.96 dBm	-18.96 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58513 GHz	-44.67 dBm	-19.67 dB

Date: 2.NOV.2021 20:25:27

LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

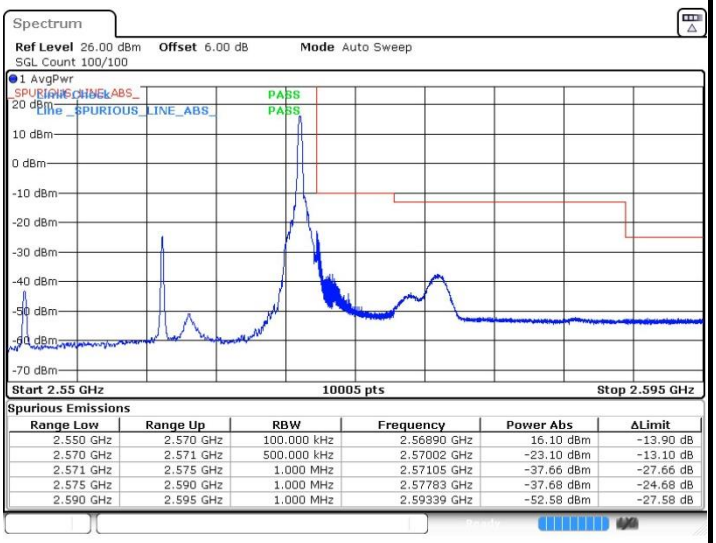


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48339 GHz	-51.67 dBm	-26.67 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49224 GHz	-41.16 dBm	-28.16 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-34.37 dBm	-24.37 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-22.35 dBm	-12.35 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	16.33 dBm	-13.67 dB

Date: 2.NOV.2021 20:27:49

Highest Band Edge / 1 RB

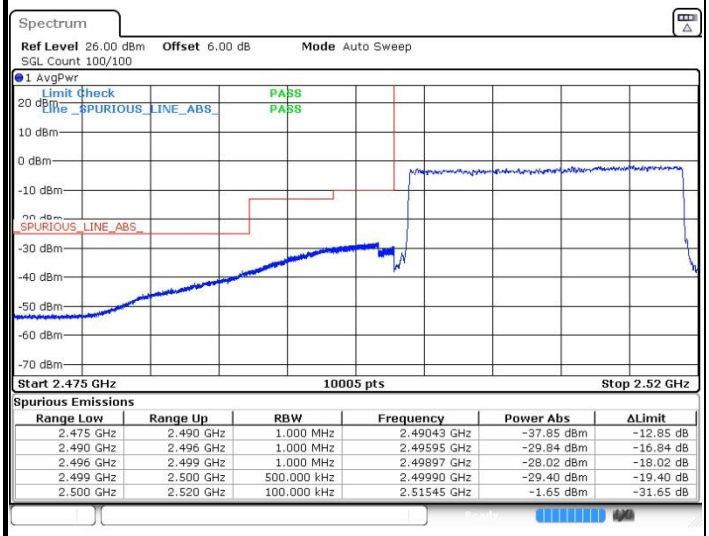


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56890 GHz	16.10 dBm	-13.90 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-23.10 dBm	-13.10 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-37.66 dBm	-27.66 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57783 GHz	-37.68 dBm	-24.68 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59339 GHz	-52.58 dBm	-27.58 dB

Date: 2.NOV.2021 20:28:32

Lowest Band Edge / Full RB

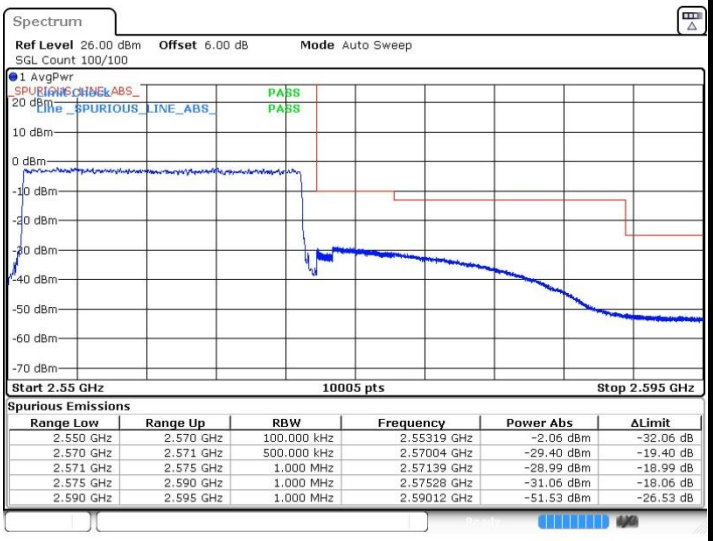


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-37.85 dBm	-12.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-29.84 dBm	-16.84 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-28.02 dBm	-18.02 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49990 GHz	-29.40 dBm	-19.40 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51545 GHz	-1.65 dBm	-31.65 dB

Date: 2.NOV.2021 20:27:29

Highest Band Edge / Full RB



Spurious Emissions

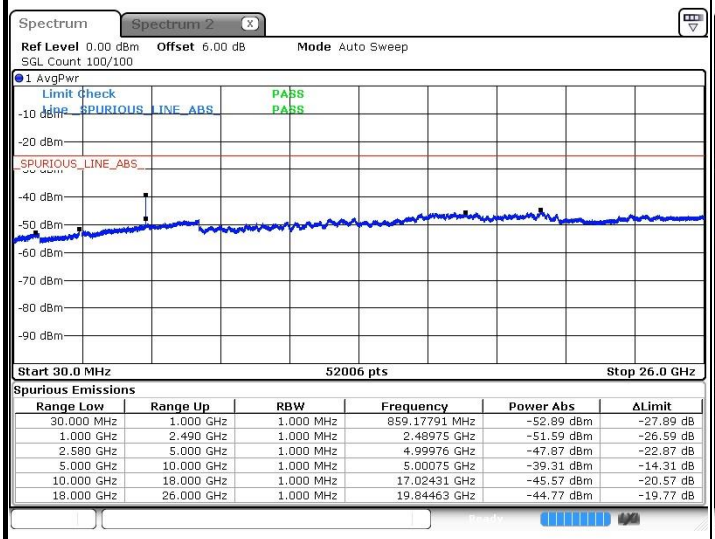
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55319 GHz	-2.06 dBm	-32.06 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-29.40 dBm	-19.40 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57139 GHz	-28.99 dBm	-18.99 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57528 GHz	-31.06 dBm	-18.06 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59012 GHz	-51.53 dBm	-26.53 dB

Date: 2.NOV.2021 20:28:56

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

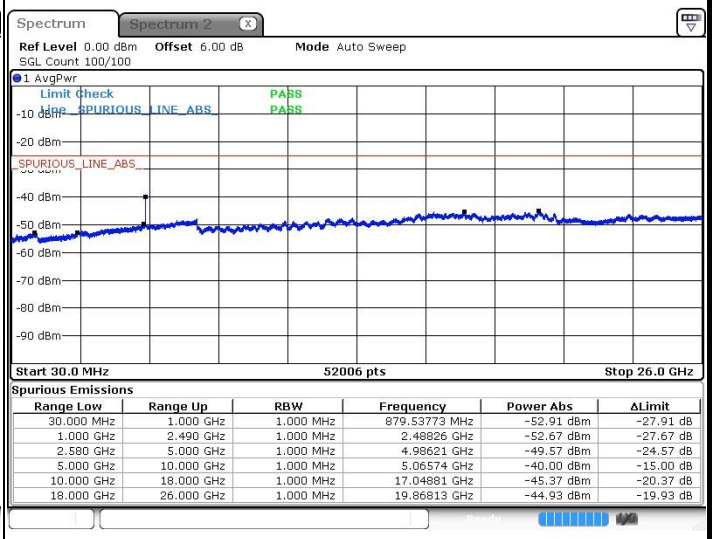


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-52.89 dBm	-27.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-51.59 dBm	-26.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-47.87 dBm	-22.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-39.31 dBm	-14.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.02431 GHz	-45.57 dBm	-20.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84463 GHz	-44.77 dBm	-19.77 dB

Date: 21.OCT.2021 20:40:27

Middle Channel / QPSK

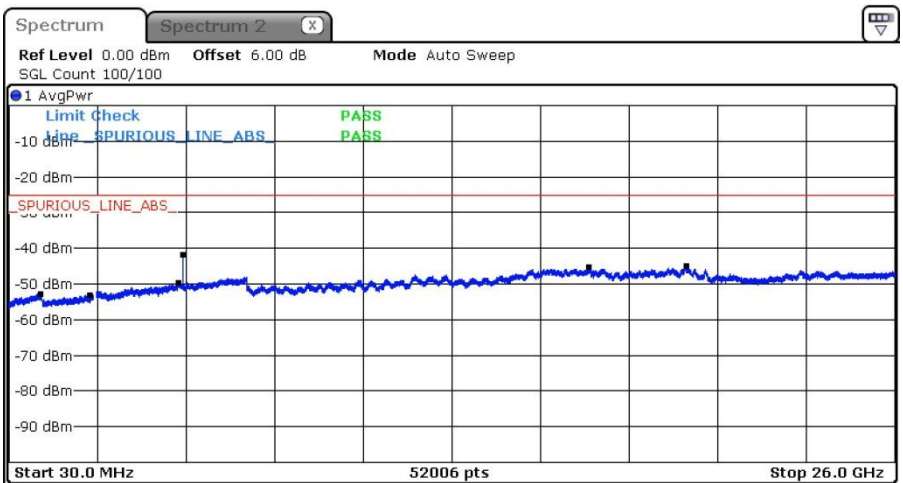


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-52.91 dBm	-27.91 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-52.67 dBm	-27.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-49.57 dBm	-24.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06574 GHz	-40.00 dBm	-15.00 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04881 GHz	-45.37 dBm	-20.37 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86813 GHz	-44.93 dBm	-19.93 dB

Date: 21.OCT.2021 20:41:21

Highest Channel / QPSK



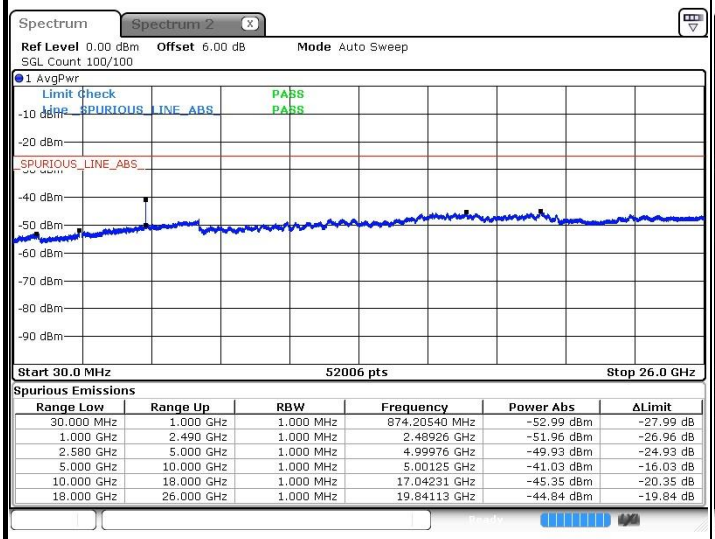
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.28186 MHz	-52.81 dBm	-27.81 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.38598 GHz	-53.00 dBm	-28.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98379 GHz	-49.73 dBm	-24.73 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.13074 GHz	-41.93 dBm	-16.93 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.03181 GHz	-45.40 dBm	-20.40 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.89013 GHz	-44.86 dBm	-19.86 dB

Date: 21.OCT.2021 20:42:15

LTE Band 7 / 10MHz

Lowest Channel / QPSK

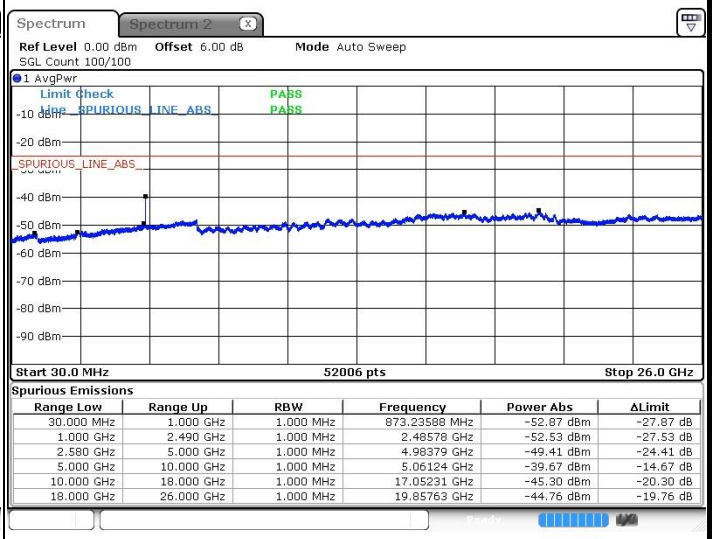


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.20540 MHz	-52.99 dBm	-27.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-51.96 dBm	-26.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-49.93 dBm	-24.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-41.03 dBm	-16.03 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04231 GHz	-45.35 dBm	-20.35 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84113 GHz	-44.84 dBm	-19.84 dB

Date: 21.OCT.2021 20:37:26

Middle Channel / QPSK

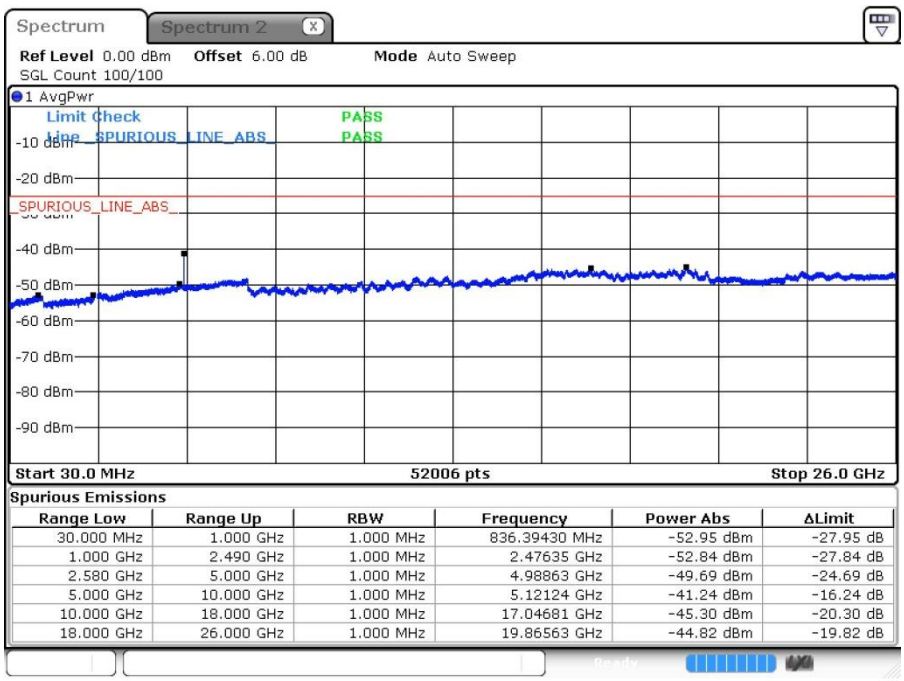


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-52.87 dBm	-27.87 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-52.53 dBm	-27.53 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98379 GHz	-49.41 dBm	-24.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06124 GHz	-39.67 dBm	-14.67 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.05231 GHz	-45.30 dBm	-20.30 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85763 GHz	-44.76 dBm	-19.76 dB

Date: 21.OCT.2021 20:38:24

Highest Channel / QPSK



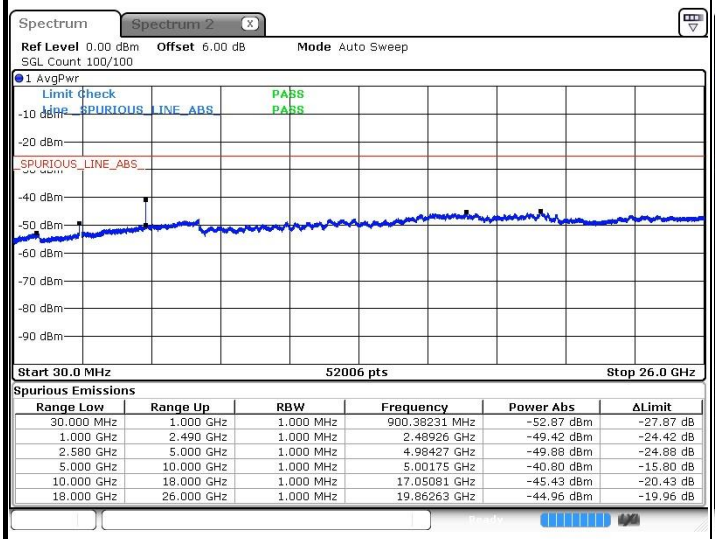
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	836.39430 MHz	-52.95 dBm	-27.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47635 GHz	-52.84 dBm	-27.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98863 GHz	-49.69 dBm	-24.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.12124 GHz	-41.24 dBm	-16.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04681 GHz	-45.30 dBm	-20.30 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86563 GHz	-44.82 dBm	-19.82 dB

Date: 21.OCT.2021 20:39:16

LTE Band 7 / 15MHz

Lowest Channel / QPSK

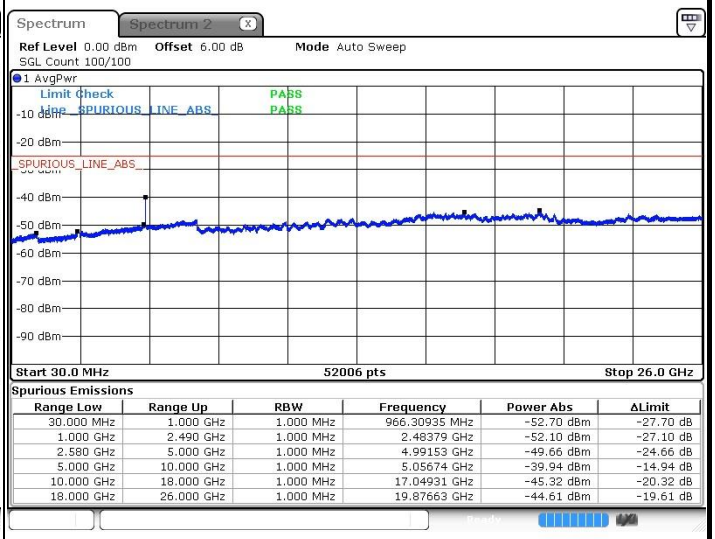


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.38231 MHz	-52.87 dBm	-27.87 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-49.42 dBm	-24.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-49.88 dBm	-24.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-40.80 dBm	-15.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.05081 GHz	-45.43 dBm	-20.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86263 GHz	-44.96 dBm	-19.96 dB

Date: 21.OCT.2021 20:35:20

Middle Channel / QPSK

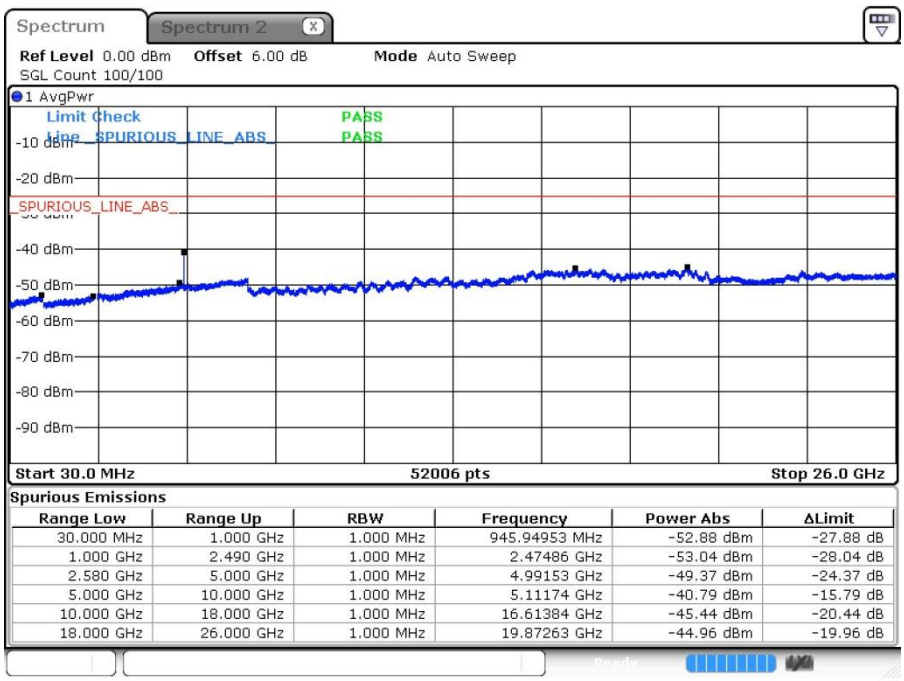


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-52.70 dBm	-27.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-52.10 dBm	-27.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99153 GHz	-49.66 dBm	-24.66 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-39.94 dBm	-14.94 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04931 GHz	-45.32 dBm	-20.32 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87663 GHz	-44.61 dBm	-19.61 dB

Date: 21.OCT.2021 20:33:54

Highest Channel / QPSK



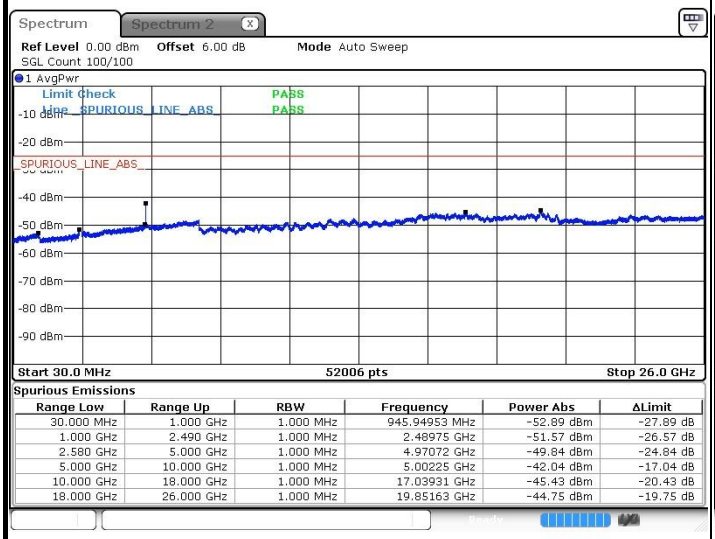
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-52.88 dBm	-27.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47486 GHz	-53.04 dBm	-28.04 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99153 GHz	-49.37 dBm	-24.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.11174 GHz	-40.79 dBm	-15.79 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.61384 GHz	-45.44 dBm	-20.44 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87263 GHz	-44.96 dBm	-19.96 dB

Date: 21.OCT.2021 20:36:16

LTE Band 7 / 20MHz

Lowest Channel / QPSK

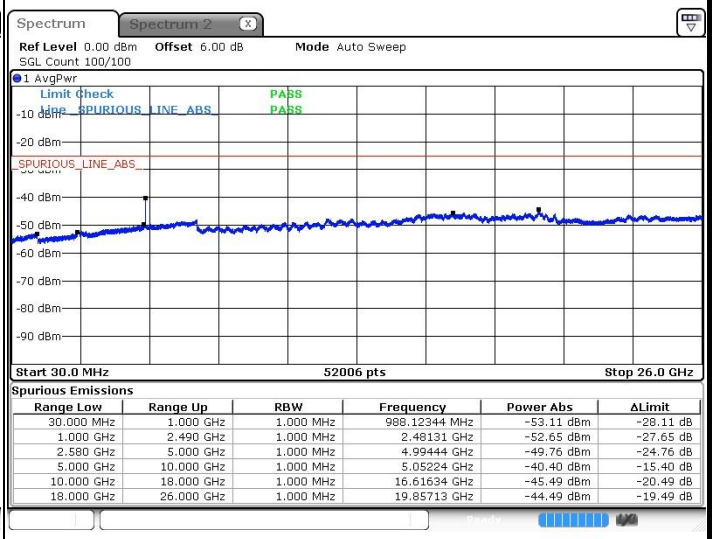


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-52.89 dBm	-27.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-51.57 dBm	-26.57 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97072 GHz	-49.84 dBm	-24.84 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-42.04 dBm	-17.04 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.03931 GHz	-45.43 dBm	-20.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85163 GHz	-44.75 dBm	-19.75 dB

Date: 21.OCT.2021 20:29:49

Middle Channel / QPSK

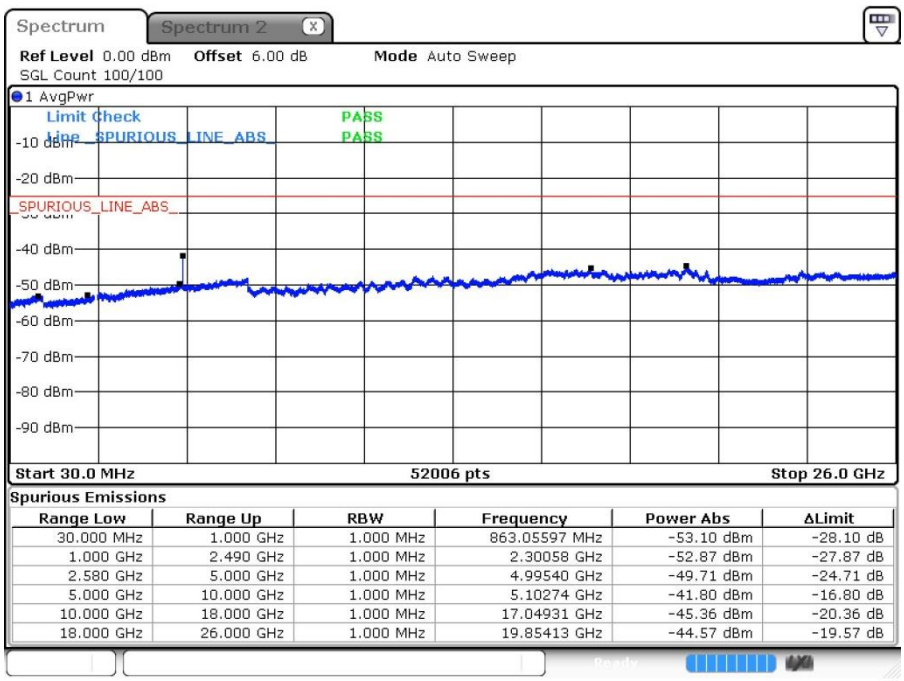


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-53.11 dBm	-28.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48131 GHz	-52.65 dBm	-27.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-49.76 dBm	-24.76 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-40.40 dBm	-15.40 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.61634 GHz	-45.49 dBm	-20.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85713 GHz	-44.49 dBm	-19.49 dB

Date: 21.OCT.2021 20:30:41

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.05597 MHz	-53.10 dBm	-28.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30058 GHz	-52.87 dBm	-27.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99540 GHz	-49.71 dBm	-24.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.10274 GHz	-41.80 dBm	-16.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04931 GHz	-45.36 dBm	-20.36 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85413 GHz	-44.57 dBm	-19.57 dB

Date: 21.OCT.2021 20:31:33

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	0.0022	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

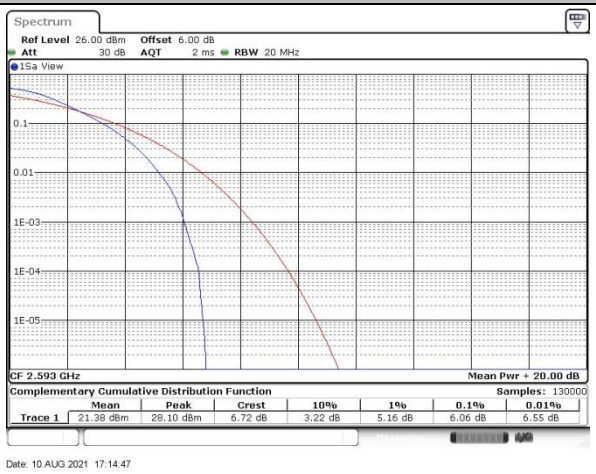
LTE Band 41

Peak-to-Average Ratio

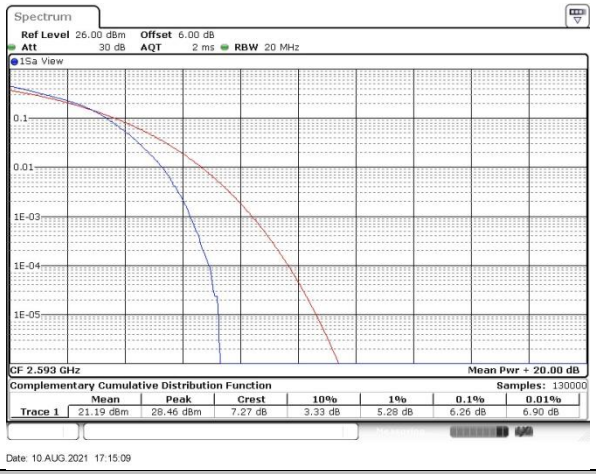
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.06	6.26	6.46	PASS
Mod.	256QAM			Limit: 13dB
RB Size	Full RB			Result
Middle CH	6.55			PASS

LTE Band 41 / 20MHz

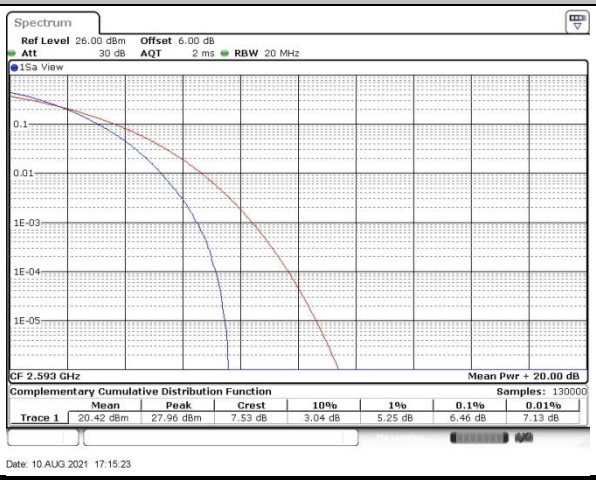
Middle Channel / Full RB / QPSK



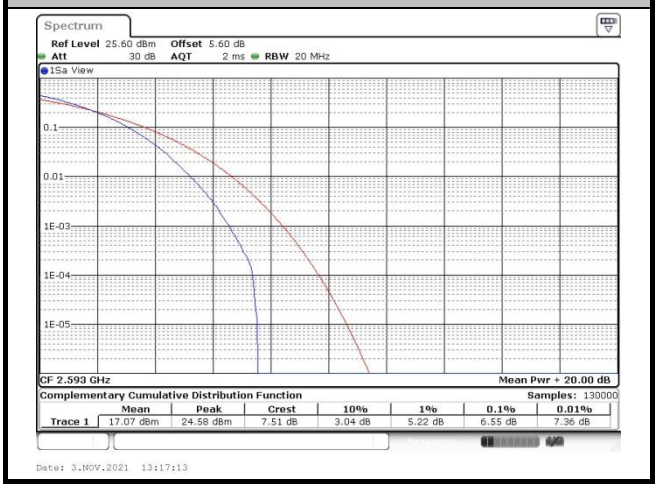
Middle Channel / Full RB / 16QAM



Middle Channel / Full RB / 64QAM



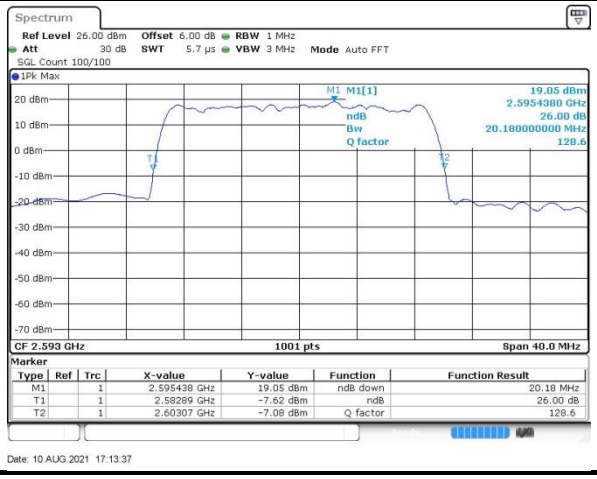
Middle Channel / Full RB / 256QAM

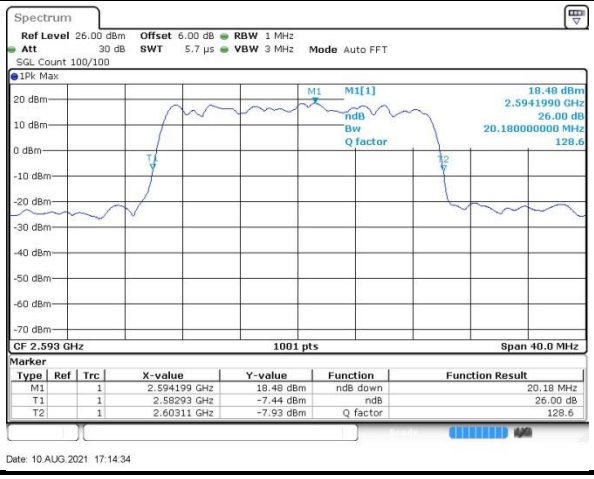


26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.18	20.18

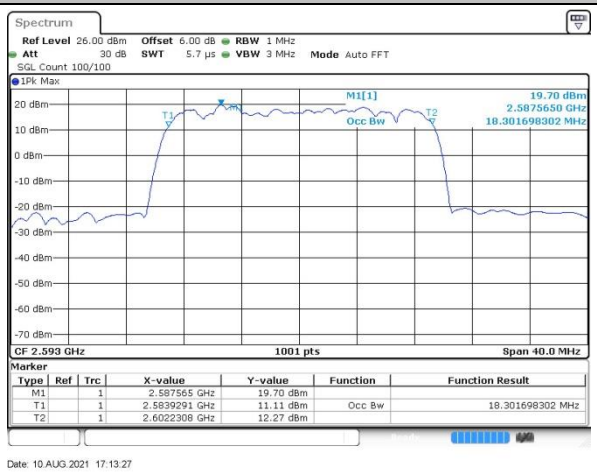
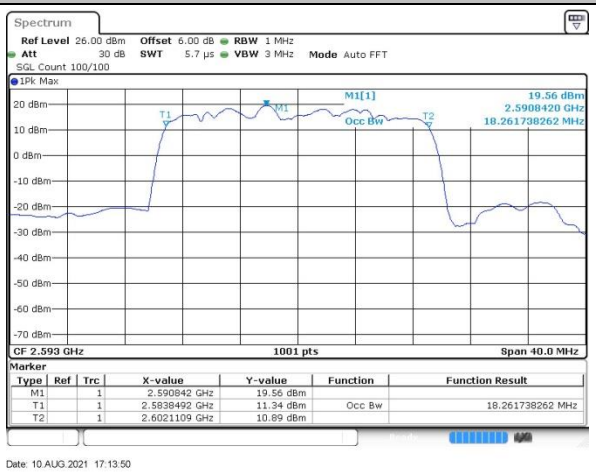
LTE Band 41	
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

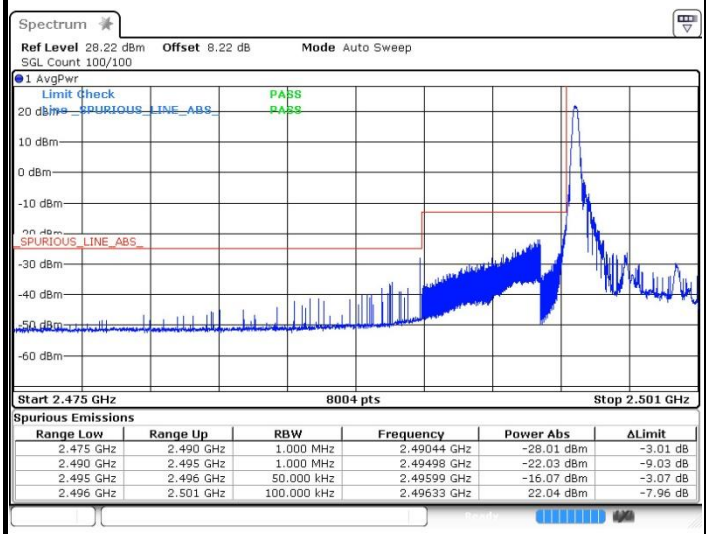
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.30	18.26

LTE Band 41	
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM
	

Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB

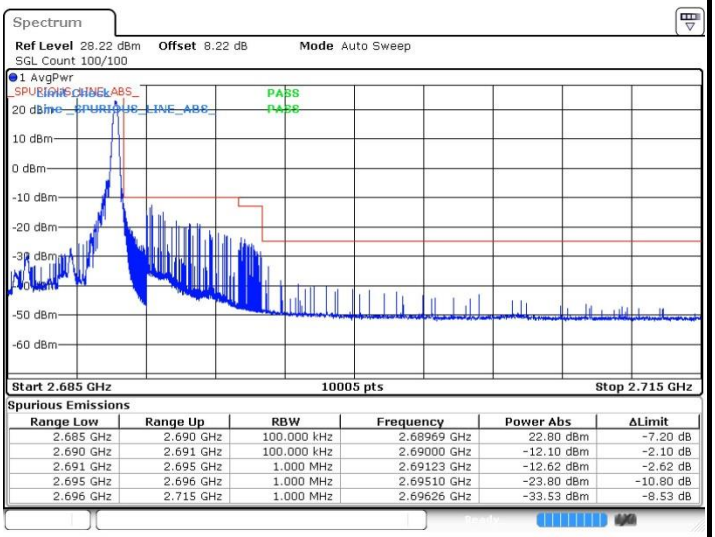


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-28.01 dBm	-3.01 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-22.03 dBm	-9.03 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-16.07 dBm	-3.07 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49633 GHz	22.04 dBm	-7.96 dB

Date: 10.AUG.2021 16:38:49

Highest Band Edge / 1 RB

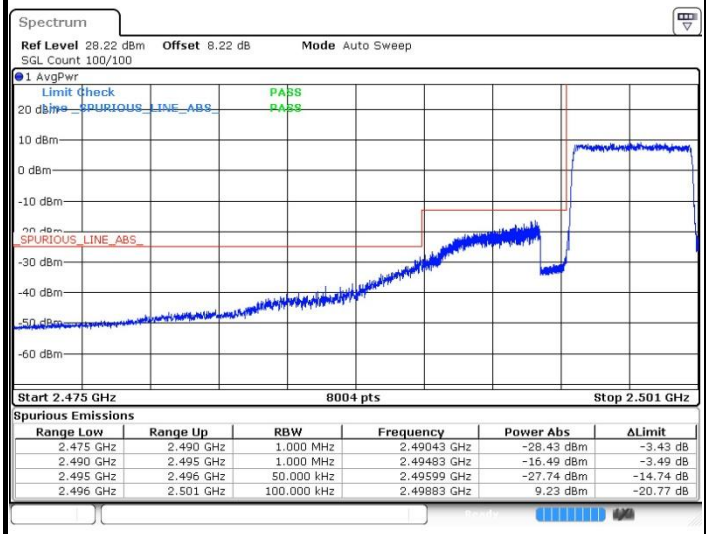


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68969 GHz	22.80 dBm	-7.20 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-12.10 dBm	-2.10 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69123 GHz	-12.62 dBm	-2.62 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69510 GHz	-23.80 dBm	-10.80 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69626 GHz	-33.53 dBm	-8.53 dB

Date: 10.AUG.2021 16:51:44

Lowest Band Edge / Full RB

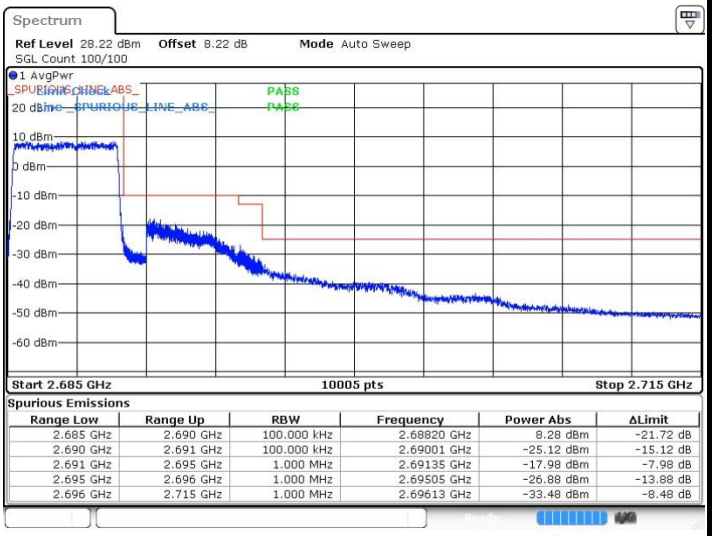


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-28.43 dBm	-3.43 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49483 GHz	-16.49 dBm	-3.49 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-27.74 dBm	-14.74 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49883 GHz	9.23 dBm	-20.77 dB

Date: 10.AUG.2021 16:45:26

Highest Band Edge / Full RB



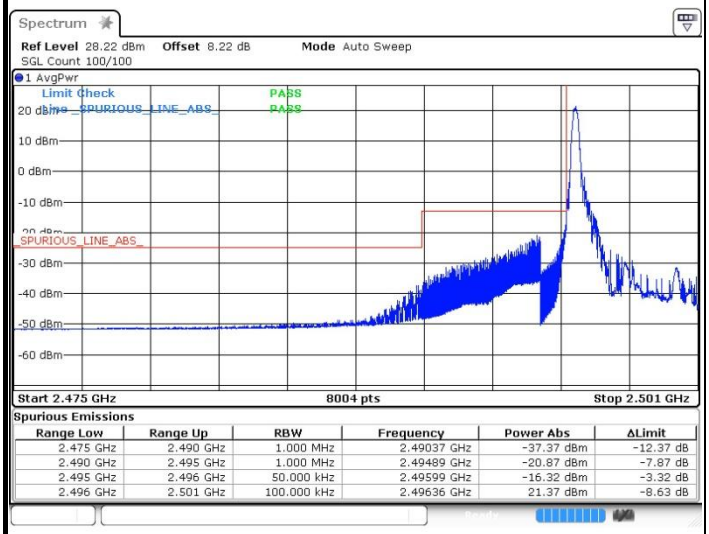
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68820 GHz	8.28 dBm	-21.72 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69001 GHz	-25.12 dBm	-15.12 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69135 GHz	-17.98 dBm	-7.98 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69505 GHz	-26.88 dBm	-13.88 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69613 GHz	-33.48 dBm	-8.48 dB

Date: 10.AUG.2021 16:46:03

LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB

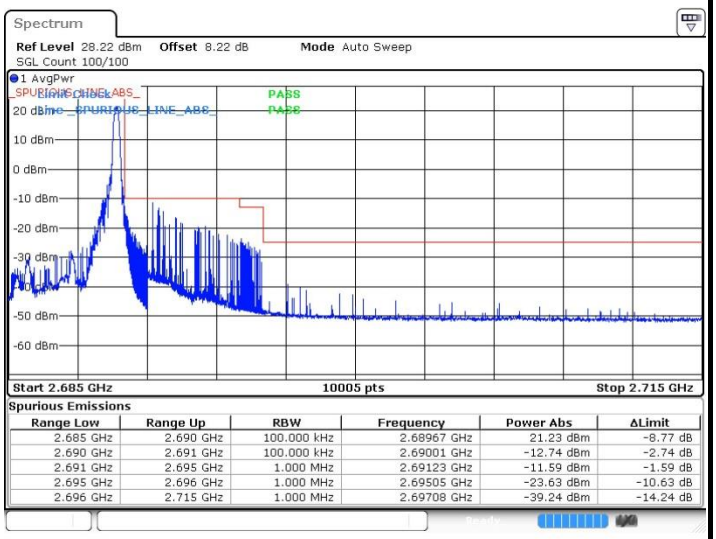


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49037 GHz	-37.37 dBm	-12.37 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49489 GHz	-20.87 dBm	-7.87 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-16.32 dBm	-3.32 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49636 GHz	21.37 dBm	-8.63 dB

Date: 10.AUG.2021 16:43:33

Highest Band Edge / 1 RB

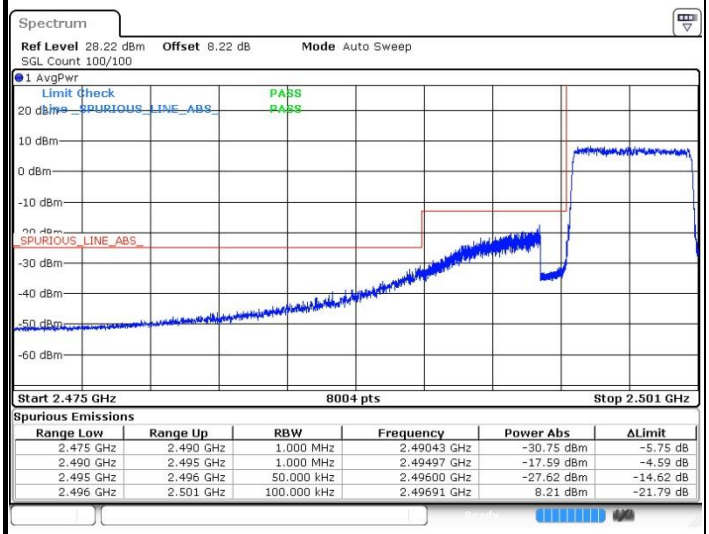


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68967 GHz	21.23 dBm	-8.77 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69001 GHz	-12.74 dBm	-2.74 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69123 GHz	-11.59 dBm	-1.59 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69505 GHz	-23.63 dBm	-10.63 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69708 GHz	-39.24 dBm	-14.24 dB

Date: 10.AUG.2021 16:50:38

Lowest Band Edge / Full RB

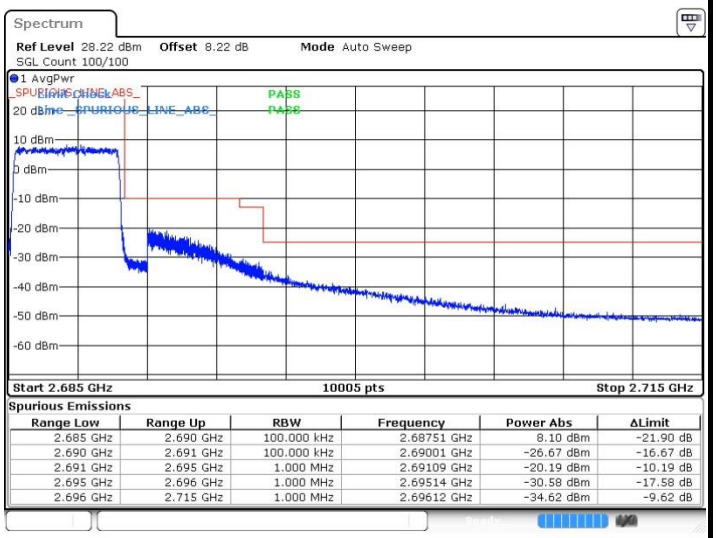


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-30.75 dBm	-5.75 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-17.59 dBm	-4.59 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-27.62 dBm	-14.62 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49691 GHz	8.21 dBm	-21.79 dB

Date: 10.AUG.2021 16:44:56

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68751 GHz	8.10 dBm	-21.90 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69001 GHz	-26.67 dBm	-16.67 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69109 GHz	-20.19 dBm	-10.19 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69514 GHz	-30.58 dBm	-17.58 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69612 GHz	-34.62 dBm	-9.62 dB

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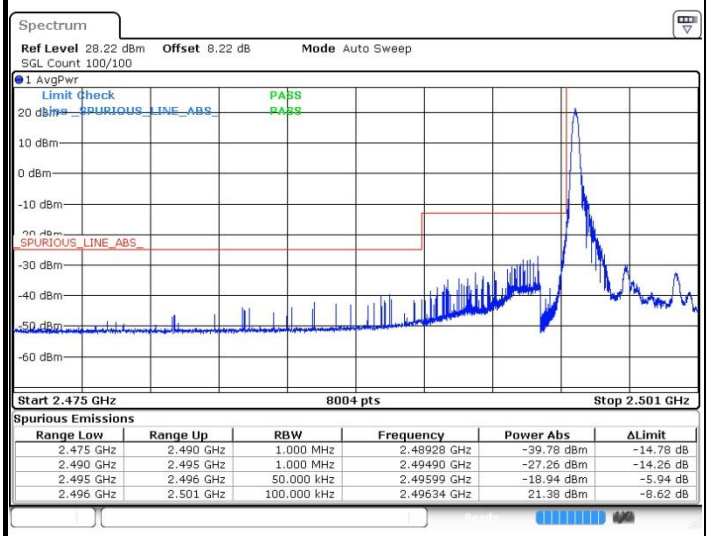
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48928 GHz	-39.78 dBm	-14.78 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49490 GHz	-27.26 dBm	-14.26 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-18.94 dBm	-5.94 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49634 GHz	21.38 dBm	-8.62 dB

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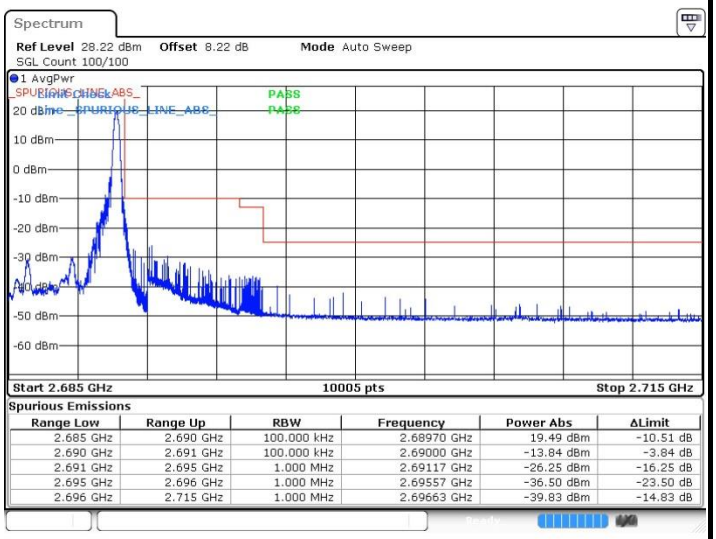
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68970 GHz	19.49 dBm	-10.51 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-13.84 dBm	-3.84 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69117 GHz	-26.25 dBm	-16.25 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69557 GHz	-36.50 dBm	-23.50 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69663 GHz	-39.83 dBm	-14.83 dB

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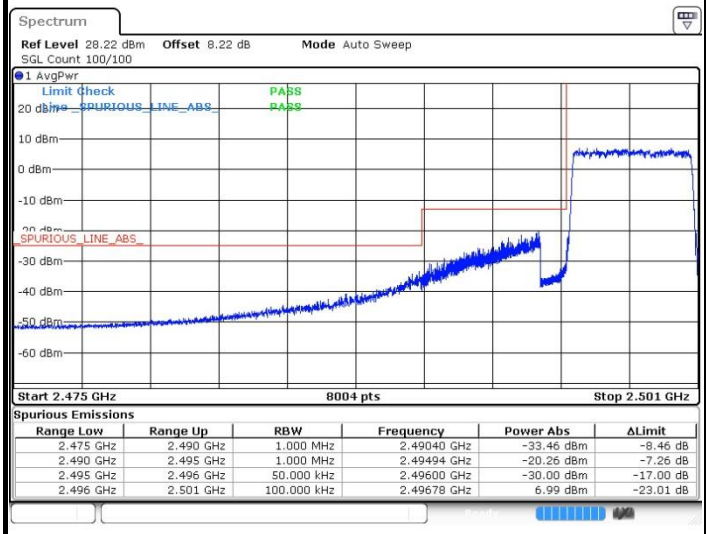
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-33.46 dBm	-8.46 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-20.26 dBm	-7.26 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-30.00 dBm	-17.00 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49678 GHz	6.99 dBm	-23.01 dB

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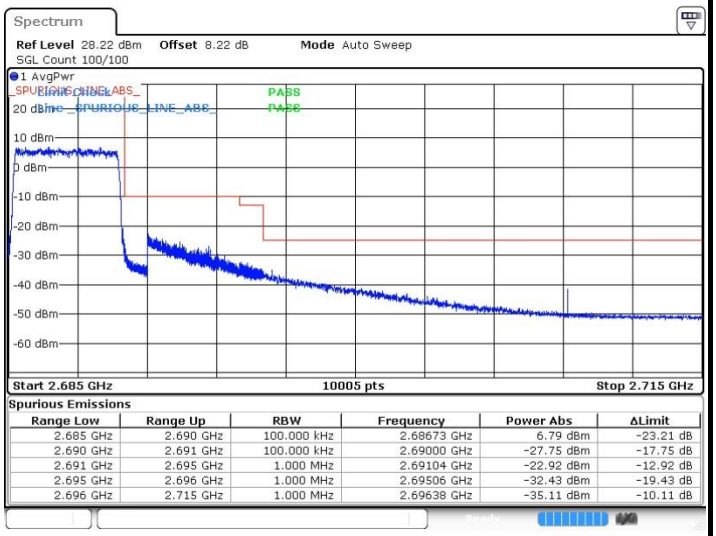
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68673 GHz	6.79 dBm	-23.21 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-27.75 dBm	-17.75 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69104 GHz	-22.92 dBm	-12.92 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69506 GHz	-32.43 dBm	-19.43 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69638 GHz	-35.11 dBm	-10.11 dB

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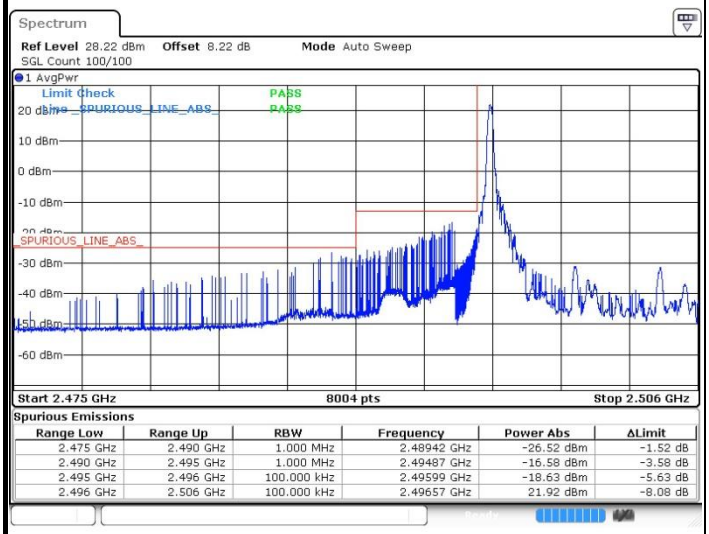
LTE Band 41 / 10MHz / QPSK

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	2.48942 GHz	-26.52 dBm	-1.52 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49487 GHz	-16.58 dBm	-3.58 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-18.63 dBm	-5.63 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49657 GHz	21.92 dBm	-8.08 dB

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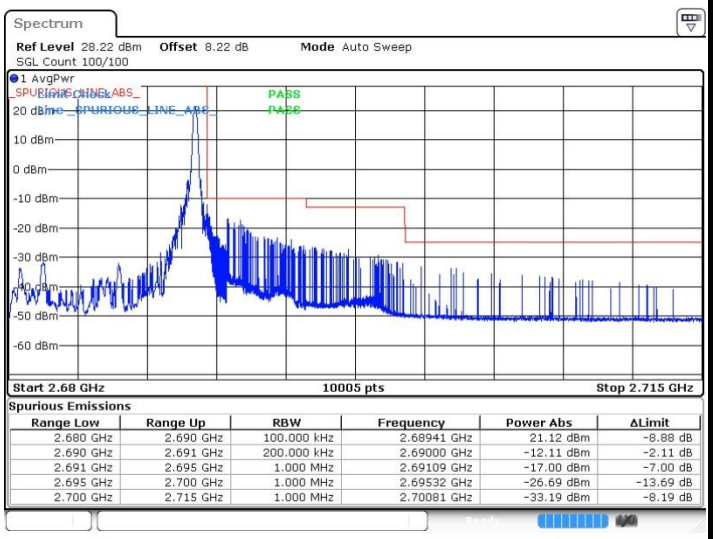
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68941 GHz	21.12 dBm	-8.88 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69000 GHz	-12.11 dBm	-2.11 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69109 GHz	-17.00 dBm	-7.00 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69532 GHz	-26.69 dBm	-13.69 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70081 GHz	-33.19 dBm	-8.19 dB

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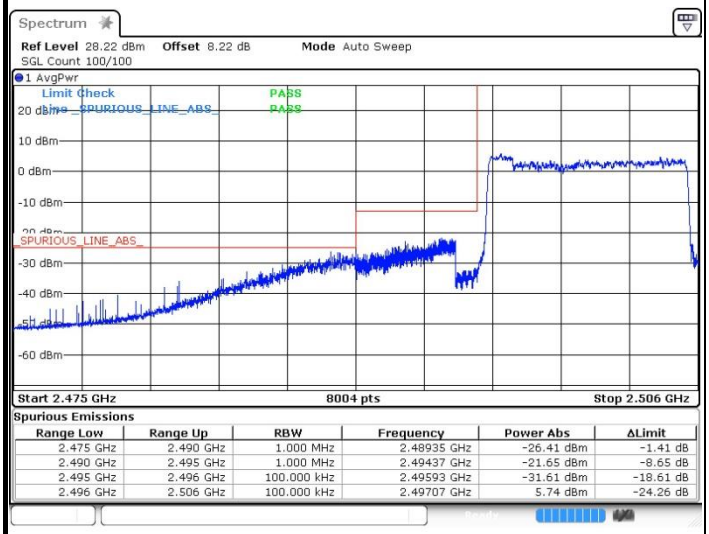
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48935 GHz	-26.41 dBm	-1.41 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49437 GHz	-21.65 dBm	-8.65 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49593 GHz	-31.61 dBm	-18.61 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49707 GHz	5.74 dBm	-24.26 dB

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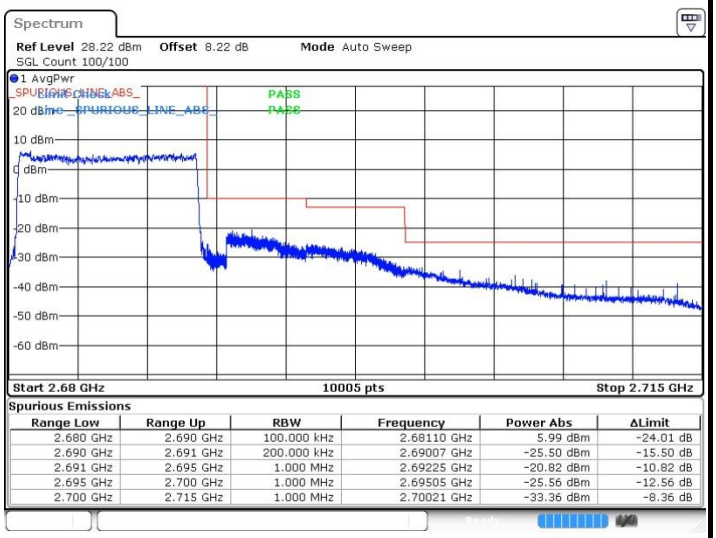
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68110 GHz	5.99 dBm	-24.01 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69007 GHz	-25.50 dBm	-15.50 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69225 GHz	-20.82 dBm	-10.82 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69505 GHz	-25.56 dBm	-12.56 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70021 GHz	-33.36 dBm	-8.36 dB

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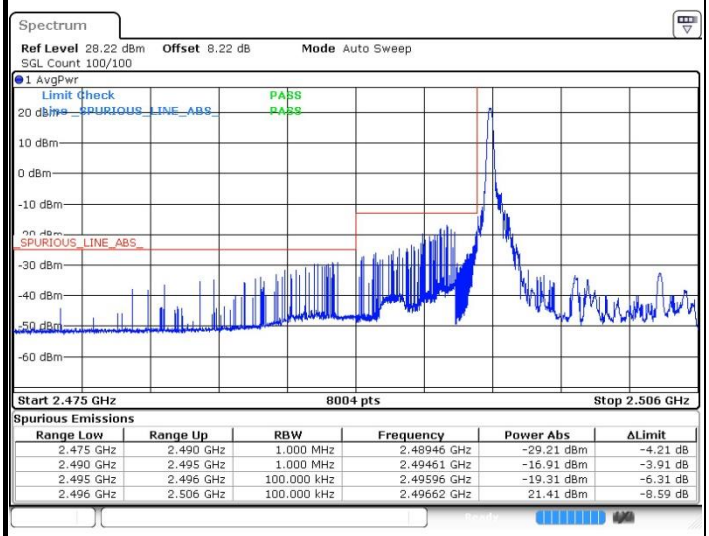
LTE Band 41 / 10MHz / 16QAM

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	2.48946 GHz	-29.21 dBm	-4.21 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49461 GHz	-16.91 dBm	-3.91 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49596 GHz	-19.31 dBm	-6.31 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49662 GHz	21.41 dBm	-8.59 dB

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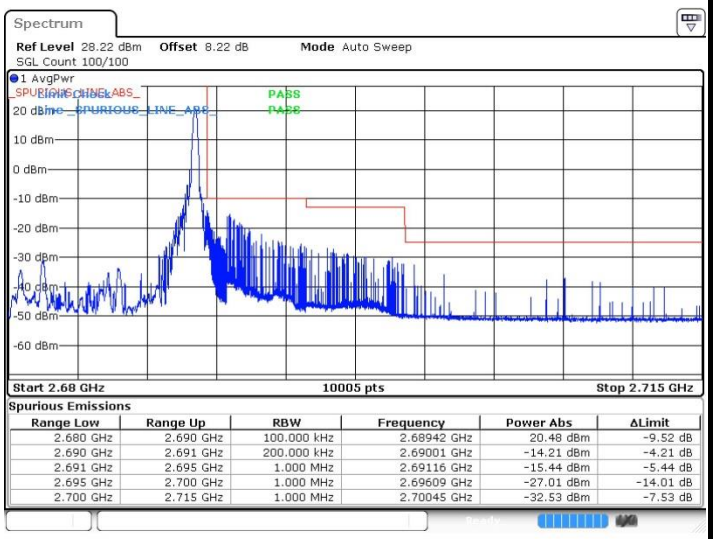
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68942 GHz	20.48 dBm	-9.52 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69001 GHz	-14.21 dBm	-4.21 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69116 GHz	-15.44 dBm	-5.44 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69609 GHz	-27.01 dBm	-14.01 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70045 GHz	-32.53 dBm	-7.53 dB

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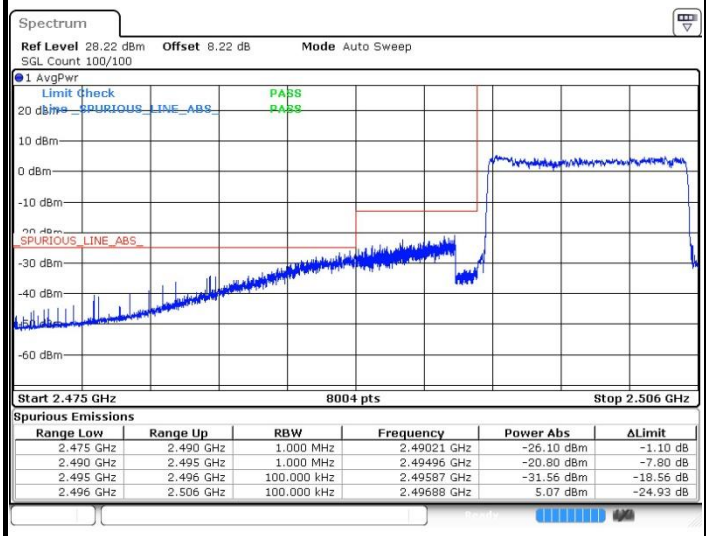
Lowest Band Edge / Full RB

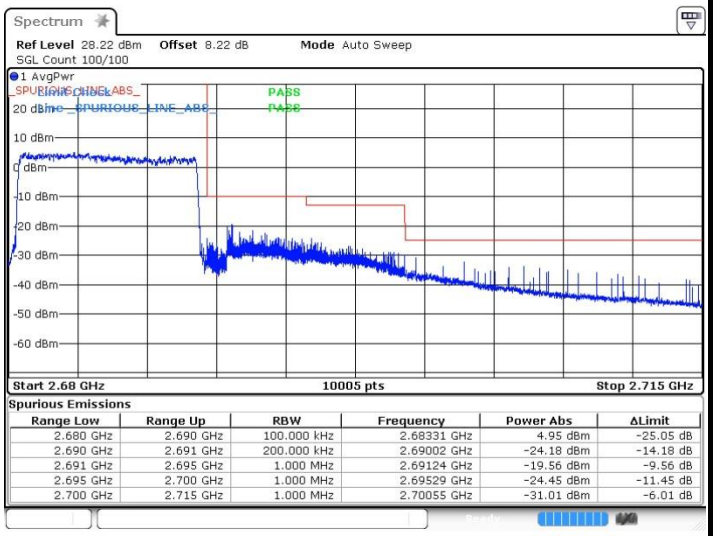


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49021 GHz	-26.10 dBm	-1.10 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49496 GHz	-20.80 dBm	-7.80 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49587 GHz	-31.56 dBm	-18.56 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49688 GHz	5.07 dBm	-24.93 dB

Date: 10.AUG.2021 16:57:05

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68331 GHz	4.95 dBm	-25.05 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69002 GHz	-24.18 dBm	-14.18 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69124 GHz	-19.56 dBm	-9.56 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69529 GHz	-24.45 dBm	-11.45 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70055 GHz	-31.01 dBm	-6.01 dB

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