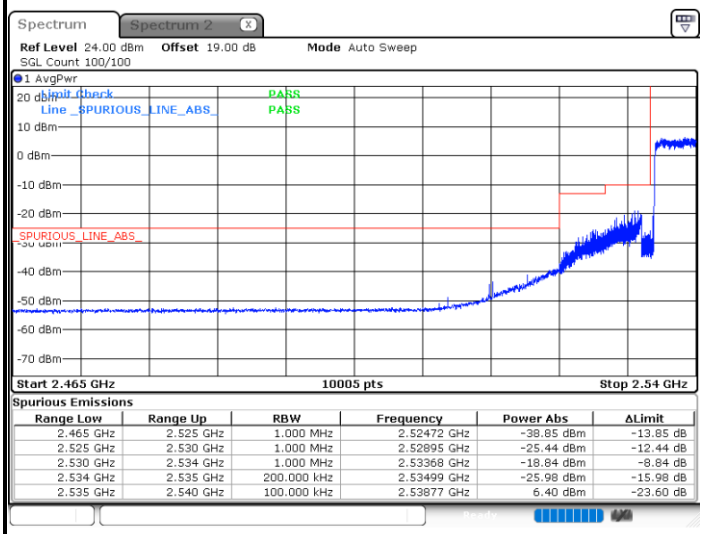
Lowest Band Edge / Full RB

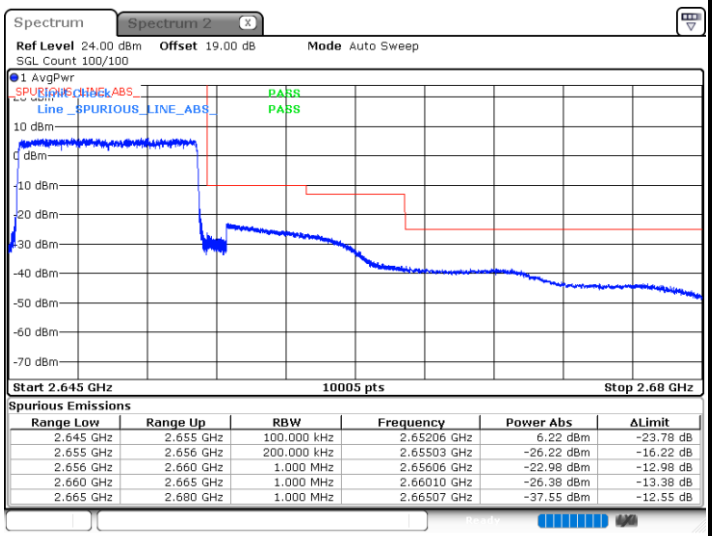


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52472 GHz	-38.85 dBm	-13.85 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52895 GHz	-25.44 dBm	-12.44 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53368 GHz	-18.84 dBm	-8.84 dB
2.534 GHz	2.535 GHz	200.000 kHz	2.53499 GHz	-25.98 dBm	-15.98 dB
2.535 GHz	2.540 GHz	100.000 kHz	2.53877 GHz	6.40 dBm	-23.60 dB

Date: 10.MAY.2025 04:37:42

Highest Band Edge / Full RB



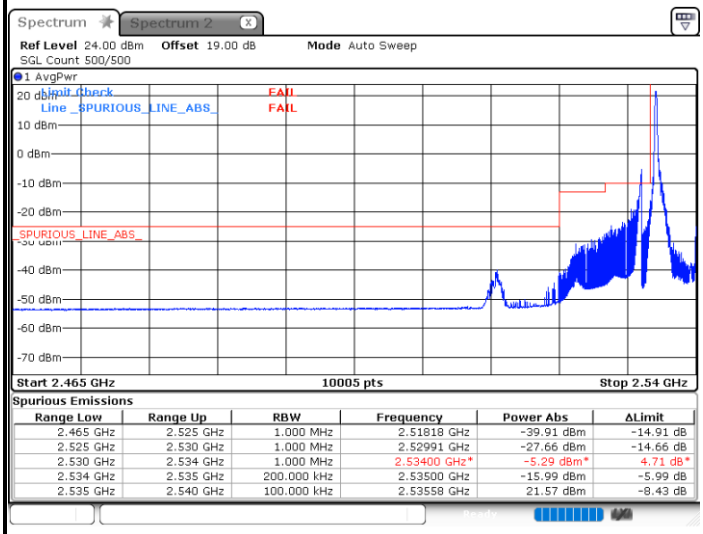
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.645 GHz	2.655 GHz	100.000 kHz	2.65206 GHz	6.22 dBm	-23.78 dB
2.655 GHz	2.656 GHz	200.000 kHz	2.65503 GHz	-26.22 dBm	-16.22 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65606 GHz	-22.98 dBm	-12.98 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66010 GHz	-26.38 dBm	-13.38 dB
2.665 GHz	2.680 GHz	1.000 MHz	2.66507 GHz	-37.55 dBm	-12.55 dB

Date: 10.MAY.2025 04:44:05

LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB

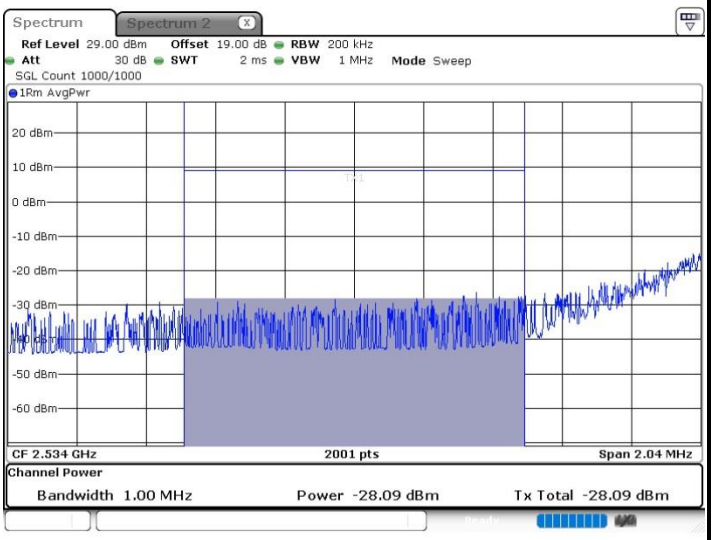


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.51818 GHz	-39.91 dBm	-14.91 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52991 GHz	-27.66 dBm	-14.66 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53400 GHz*	-5.29 dBm*	4.71 dB*
2.534 GHz	2.535 GHz	200.000 kHz	2.53500 GHz	-15.99 dBm	-5.99 dB
2.535 GHz	2.540 GHz	100.000 kHz	2.53558 GHz	21.57 dBm	-8.43 dB

Date: 10.MAY.2025 05:15:56

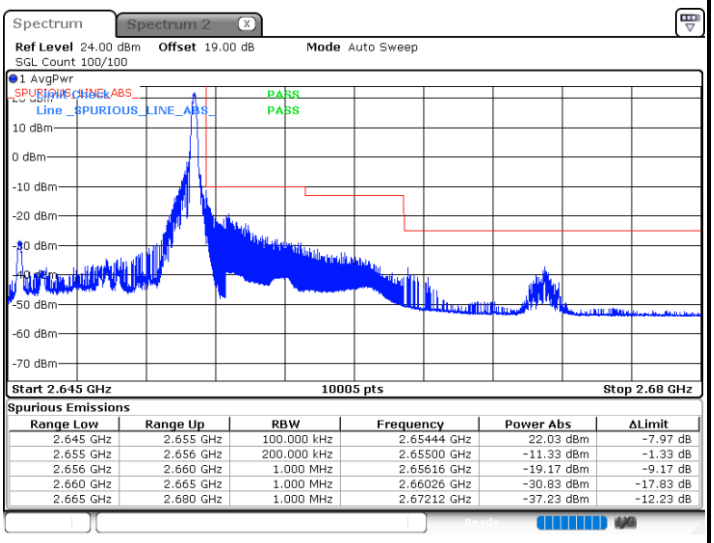
Lowest Band Edge / 1RB-C



Date: 10.MAY.2025 05:20:27

N/A

Highest Band Edge / 1 RB

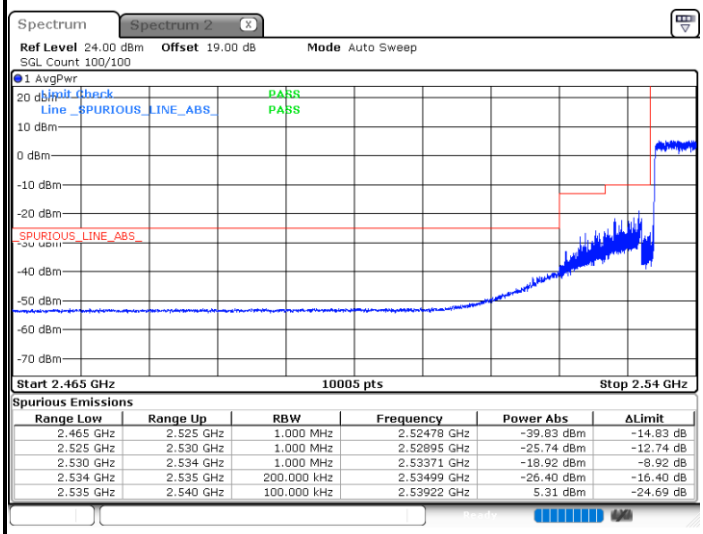


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.645 GHz	2.655 GHz	100.000 kHz	2.65444 GHz	22.03 dBm	-7.97 dB
2.655 GHz	2.656 GHz	200.000 kHz	2.65500 GHz	-11.33 dBm	-1.33 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65616 GHz	-19.17 dBm	-9.17 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66026 GHz	-30.83 dBm	-17.83 dB
2.665 GHz	2.680 GHz	1.000 MHz	2.67212 GHz	-37.23 dBm	-12.23 dB

Date: 10.MAY.2025 04:42:36

Lowest Band Edge / Full RB

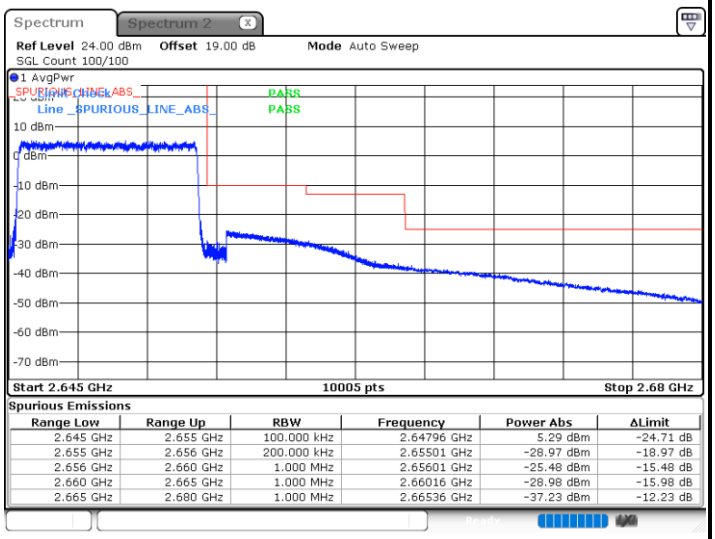


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52478 GHz	-39.83 dBm	-14.83 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52895 GHz	-25.74 dBm	-12.74 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53371 GHz	-18.92 dBm	-8.92 dB
2.534 GHz	2.535 GHz	200.000 kHz	2.53499 GHz	-26.40 dBm	-16.40 dB
2.535 GHz	2.540 GHz	100.000 kHz	2.53922 GHz	5.31 dBm	-24.69 dB

Date: 10.MAY.2025 04:38:01

Highest Band Edge / Full RB



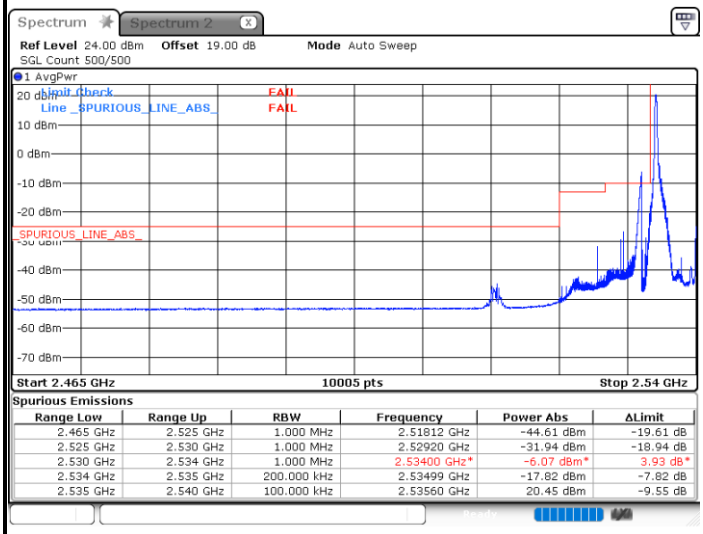
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.645 GHz	2.655 GHz	100.000 kHz	2.64796 GHz	5.29 dBm	-24.71 dB
2.655 GHz	2.656 GHz	200.000 kHz	2.65501 GHz	-28.97 dBm	-18.97 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65601 GHz	-25.48 dBm	-15.48 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66016 GHz	-28.98 dBm	-15.98 dB
2.665 GHz	2.680 GHz	1.000 MHz	2.66536 GHz	-37.23 dBm	-12.23 dB

Date: 10.MAY.2025 04:43:43

LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB

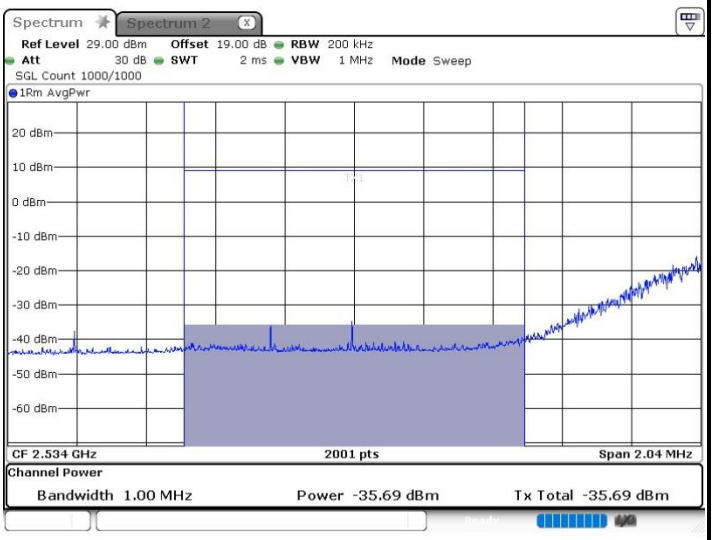


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.51812 GHz	-44.61 dBm	-19.61 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52920 GHz	-31.94 dBm	-18.94 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53400 GHz*	-6.07 dBm*	3.93 dB*
2.534 GHz	2.535 GHz	200.000 kHz	2.53499 GHz	-17.82 dBm	-7.82 dB
2.535 GHz	2.540 GHz	100.000 kHz	2.53560 GHz	20.45 dBm	-9.55 dB

Date: 10.MAY.2025 05:17:34

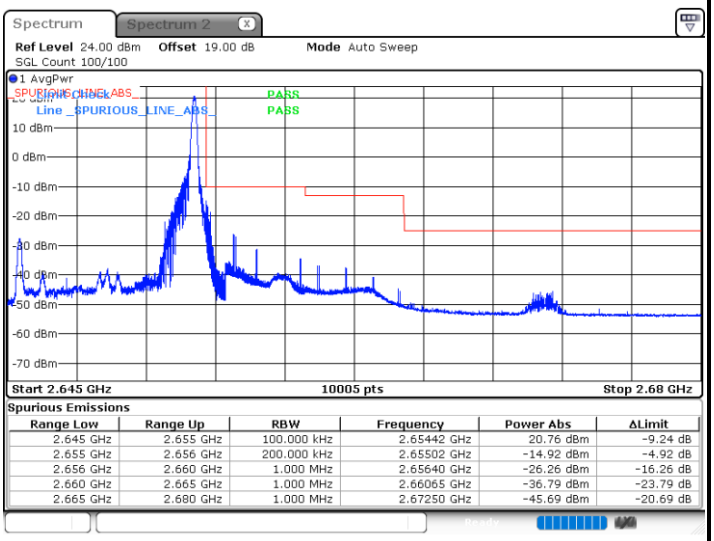
Lowest Band Edge / 1RB-C



Date: 10.MAY.2025 05:20:05

N/A

Highest Band Edge / 1 RB

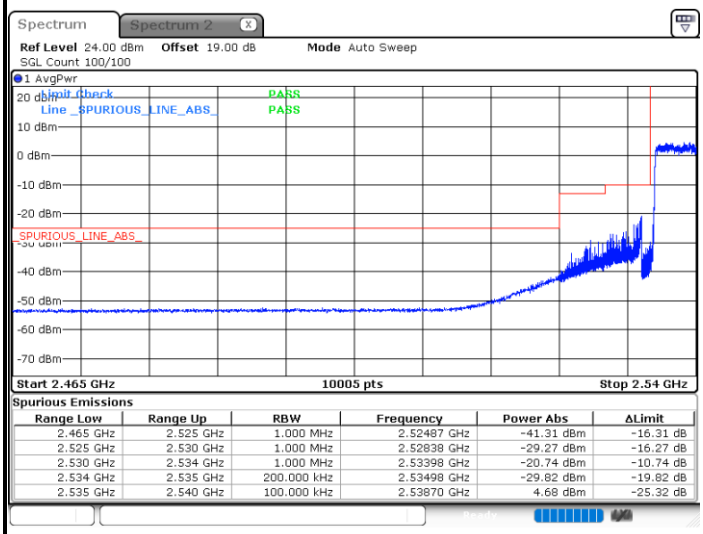


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.645 GHz	2.655 GHz	100.000 kHz	2.65442 GHz	20.76 dBm	-9.24 dB
2.655 GHz	2.656 GHz	200.000 kHz	2.65502 GHz	-14.92 dBm	-4.92 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65640 GHz	-26.26 dBm	-16.26 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66065 GHz	-36.79 dBm	-23.79 dB
2.665 GHz	2.680 GHz	1.000 MHz	2.67250 GHz	-45.69 dBm	-20.69 dB

Date: 10.MAY.2025 04:42:58

Lowest Band Edge / Full RB

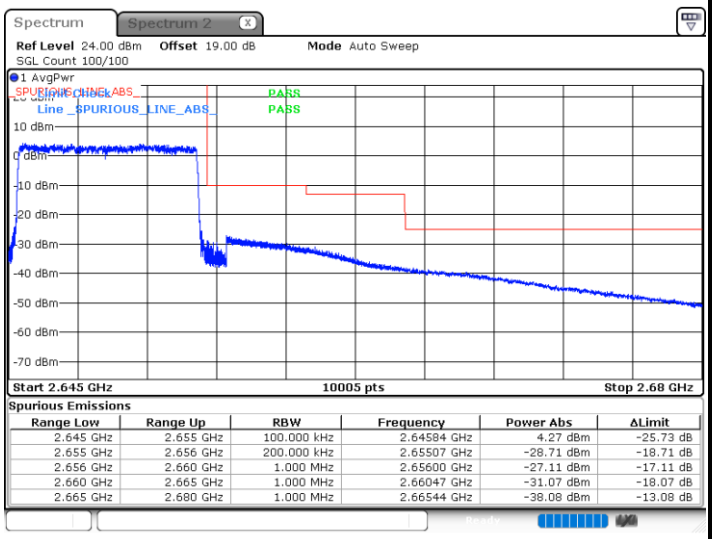


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52487 GHz	-41.31 dBm	-16.31 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52838 GHz	-29.27 dBm	-16.27 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53398 GHz	-20.74 dBm	-10.74 dB
2.534 GHz	2.535 GHz	200.000 kHz	2.53498 GHz	-29.82 dBm	-19.82 dB
2.535 GHz	2.540 GHz	100.000 kHz	2.53870 GHz	4.68 dBm	-25.32 dB

Date: 10.MAY.2025 04:38:21

Highest Band Edge / Full RB



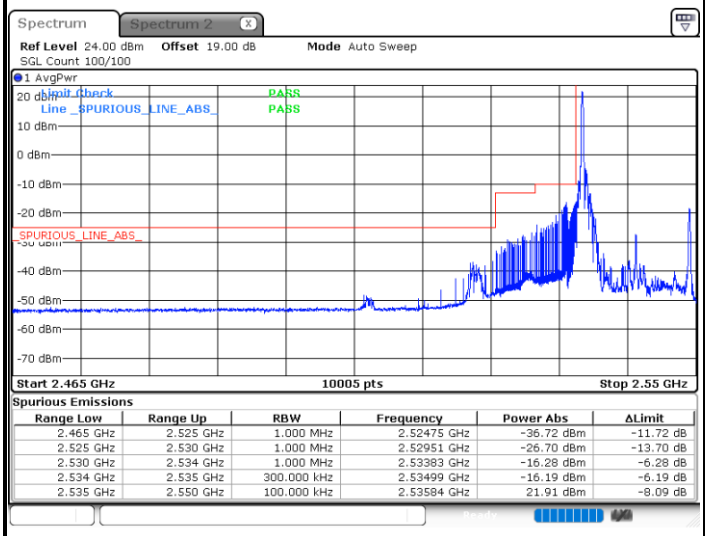
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.645 GHz	2.655 GHz	100.000 kHz	2.64584 GHz	4.27 dBm	-25.73 dB
2.655 GHz	2.656 GHz	200.000 kHz	2.65507 GHz	-28.71 dBm	-18.71 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65600 GHz	-27.11 dBm	-17.11 dB
2.660 GHz	2.665 GHz	1.000 MHz	2.66047 GHz	-31.07 dBm	-18.07 dB
2.665 GHz	2.680 GHz	1.000 MHz	2.66544 GHz	-38.08 dBm	-13.08 dB

Date: 10.MAY.2025 04:43:21

LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

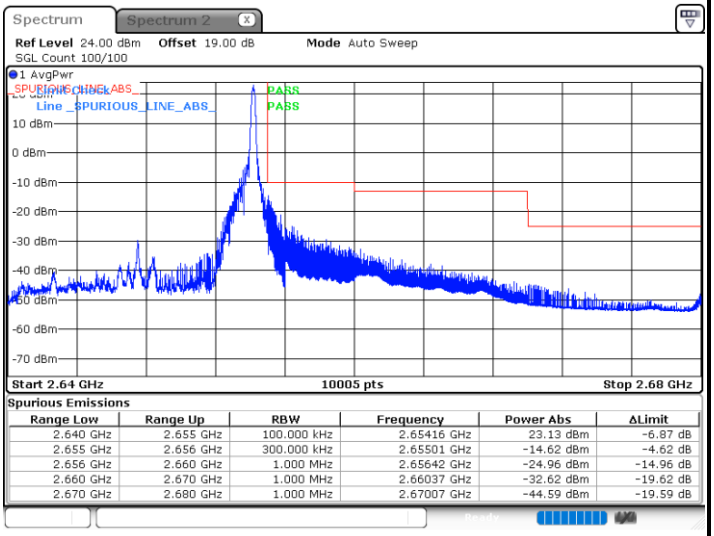


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52475 GHz	-36.72 dBm	-11.72 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52951 GHz	-26.70 dBm	-13.70 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53383 GHz	-16.28 dBm	-6.28 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53499 GHz	-16.19 dBm	-6.19 dB
2.535 GHz	2.550 GHz	100.000 kHz	2.53584 GHz	21.91 dBm	-8.09 dB

Date: 10.MAY.2025 04:46:03

Highest Band Edge / 1 RB

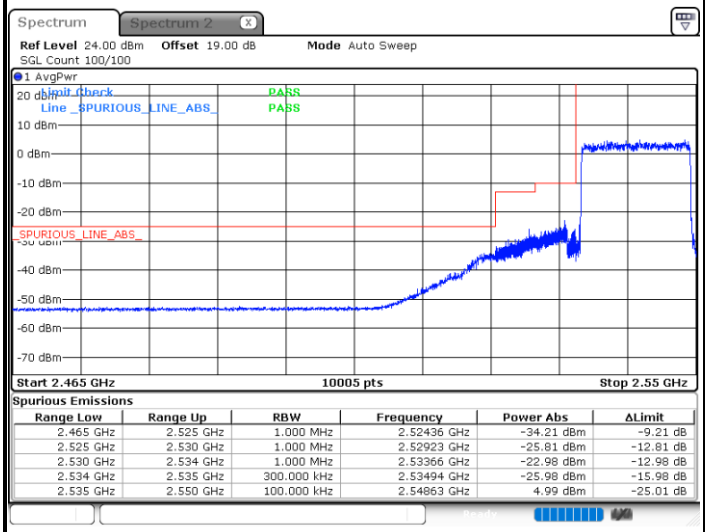


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.655 GHz	100.000 kHz	2.65416 GHz	23.13 dBm	-6.87 dB
2.655 GHz	2.656 GHz	300.000 kHz	2.65501 GHz	-14.62 dBm	-4.62 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65642 GHz	-24.96 dBm	-14.96 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66037 GHz	-32.62 dBm	-19.62 dB
2.670 GHz	2.680 GHz	1.000 MHz	2.67007 GHz	-44.59 dBm	-19.59 dB

Date: 10.MAY.2025 04:48:57

Lowest Band Edge / Full RB

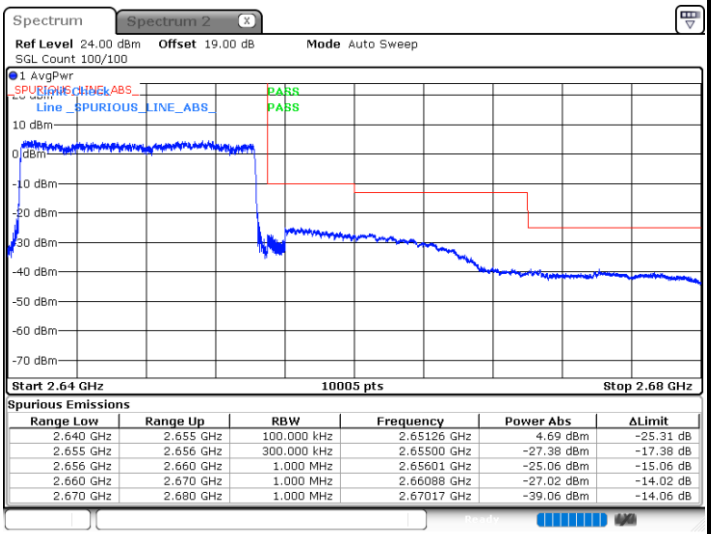


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52436 GHz	-34.21 dBm	-9.21 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52923 GHz	-25.81 dBm	-12.81 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53366 GHz	-22.98 dBm	-12.98 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53494 GHz	-25.98 dBm	-15.98 dB
2.535 GHz	2.550 GHz	100.000 kHz	2.54863 GHz	4.99 dBm	-25.01 dB

Date: 10.MAY.2025 04:44:25

Highest Band Edge / Full RB



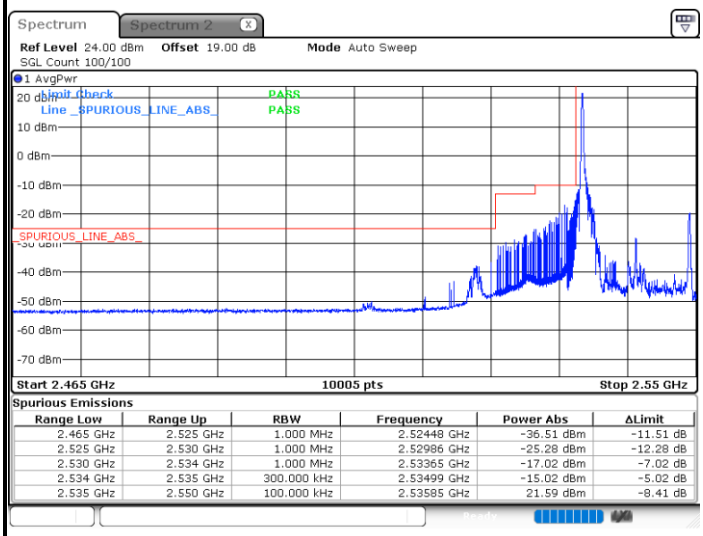
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.655 GHz	100.000 kHz	2.65126 GHz	4.69 dBm	-25.31 dB
2.655 GHz	2.656 GHz	300.000 kHz	2.65500 GHz	-27.38 dBm	-17.38 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65601 GHz	-25.06 dBm	-15.06 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66088 GHz	-27.02 dBm	-14.02 dB
2.670 GHz	2.680 GHz	1.000 MHz	2.67017 GHz	-39.06 dBm	-14.06 dB

Date: 10.MAY.2025 04:50:47

LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB

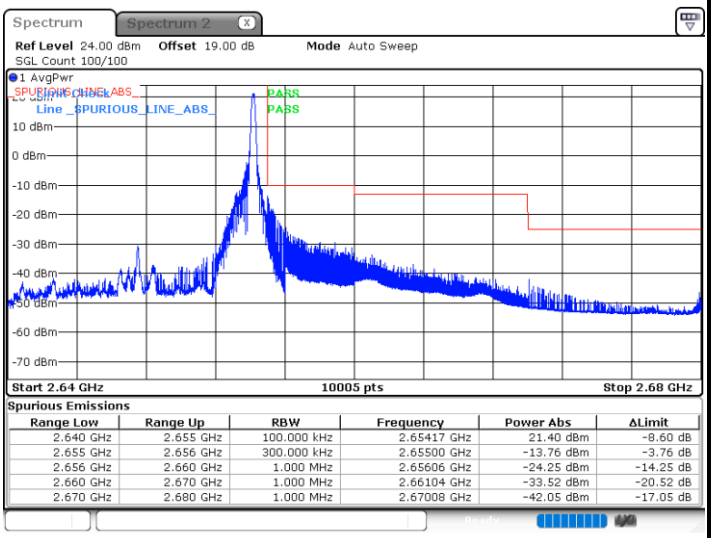


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52448 GHz	-36.51 dBm	-11.51 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52986 GHz	-25.28 dBm	-12.28 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53365 GHz	-17.02 dBm	-7.02 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53499 GHz	-15.02 dBm	-5.02 dB
2.535 GHz	2.550 GHz	100.000 kHz	2.53585 GHz	21.59 dBm	-8.41 dB

Date: 10.MAY.2025 05:09:03

Highest Band Edge / 1 RB

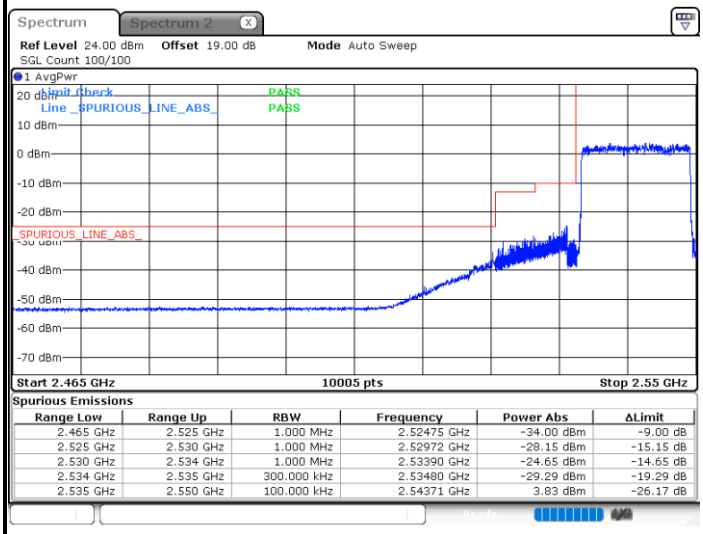


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.655 GHz	100.000 kHz	2.65417 GHz	21.40 dBm	-8.60 dB
2.655 GHz	2.656 GHz	300.000 kHz	2.65500 GHz	-13.76 dBm	-3.76 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65606 GHz	-24.25 dBm	-14.25 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66104 GHz	-33.52 dBm	-20.52 dB
2.670 GHz	2.680 GHz	1.000 MHz	2.67008 GHz	-42.05 dBm	-17.05 dB

Date: 10.MAY.2025 04:49:19

Lowest Band Edge / Full RB

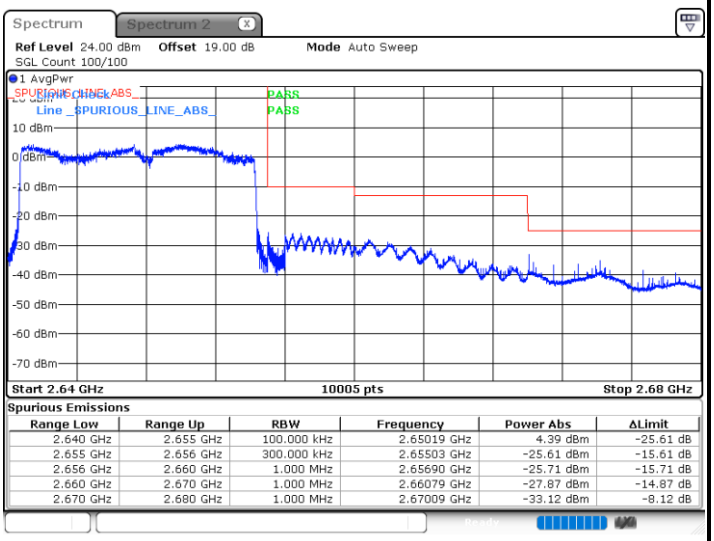


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52475 GHz	-34.00 dBm	-9.00 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52972 GHz	-28.15 dBm	-15.15 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53390 GHz	-24.65 dBm	-14.65 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53480 GHz	-29.29 dBm	-19.29 dB
2.535 GHz	2.550 GHz	100.000 kHz	2.54371 GHz	3.83 dBm	-26.17 dB

Date: 10.MAY.2025 04:44:45

Highest Band Edge / Full RB



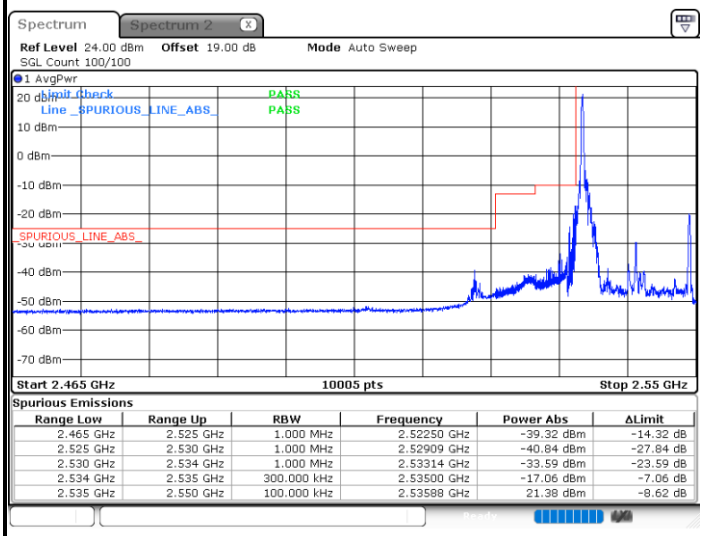
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.655 GHz	100.000 kHz	2.65019 GHz	4.39 dBm	-25.61 dB
2.655 GHz	2.656 GHz	300.000 kHz	2.65503 GHz	-25.61 dBm	-15.61 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65690 GHz	-25.71 dBm	-15.71 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66079 GHz	-27.87 dBm	-14.87 dB
2.670 GHz	2.680 GHz	1.000 MHz	2.67009 GHz	-33.12 dBm	-8.12 dB

Date: 10.MAY.2025 04:50:25

LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB

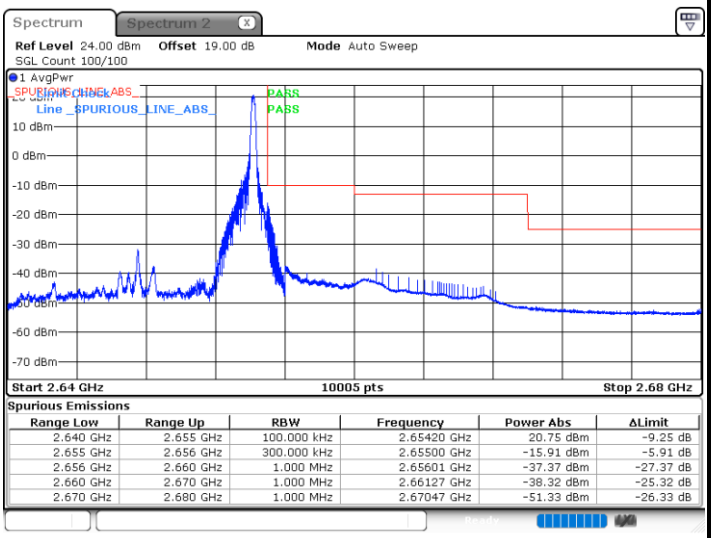


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52250 GHz	-39.32 dBm	-14.32 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52909 GHz	-40.84 dBm	-27.84 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53314 GHz	-33.59 dBm	-23.59 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53500 GHz	-17.06 dBm	-7.06 dB
2.535 GHz	2.550 GHz	100.000 kHz	2.53588 GHz	21.38 dBm	-8.62 dB

Date: 10.MAY.2025 04:45:24

Highest Band Edge / 1 RB

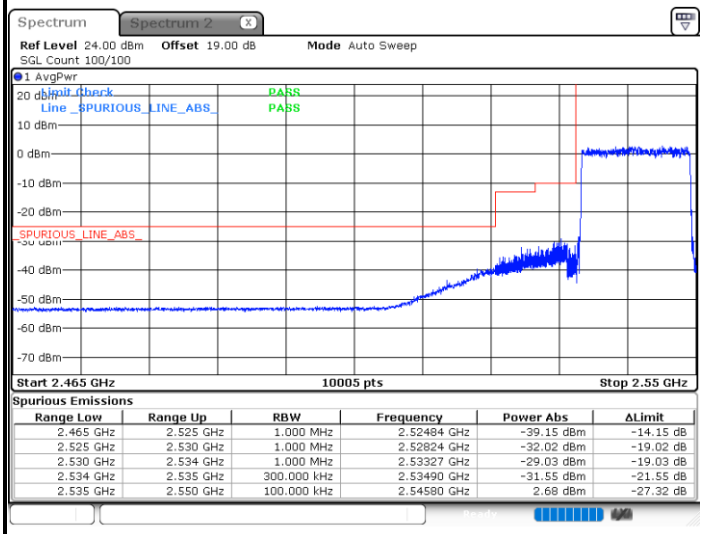


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.655 GHz	100.000 kHz	2.65420 GHz	20.75 dBm	-9.25 dB
2.655 GHz	2.656 GHz	300.000 kHz	2.65500 GHz	-15.91 dBm	-5.91 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65601 GHz	-37.37 dBm	-27.37 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66127 GHz	-38.32 dBm	-25.32 dB
2.670 GHz	2.680 GHz	1.000 MHz	2.67047 GHz	-51.33 dBm	-26.33 dB

Date: 10.MAY.2025 04:49:41

Lowest Band Edge / Full RB

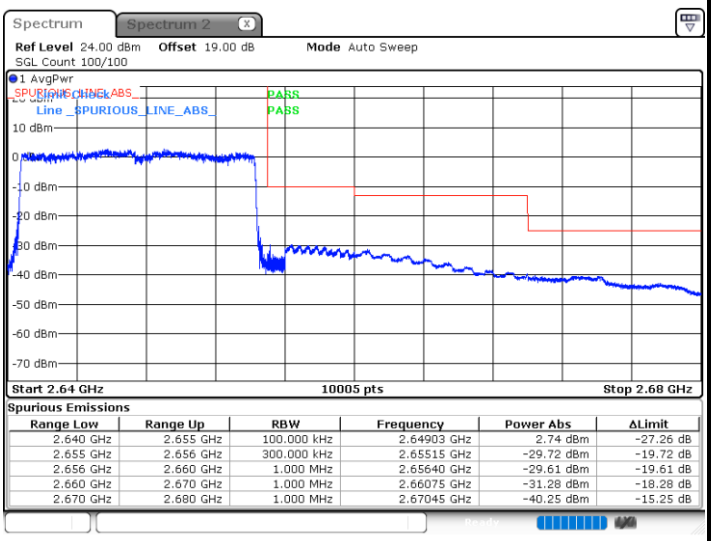


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.525 GHz	1.000 MHz	2.52484 GHz	-39.15 dBm	-14.15 dB
2.525 GHz	2.530 GHz	1.000 MHz	2.52824 GHz	-32.02 dBm	-19.02 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53327 GHz	-29.03 dBm	-19.03 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53490 GHz	-31.55 dBm	-21.55 dB
2.535 GHz	2.550 GHz	100.000 kHz	2.54580 GHz	2.68 dBm	-27.32 dB

Date: 10.MAY.2025 04:45:04

Highest Band Edge / Full RB



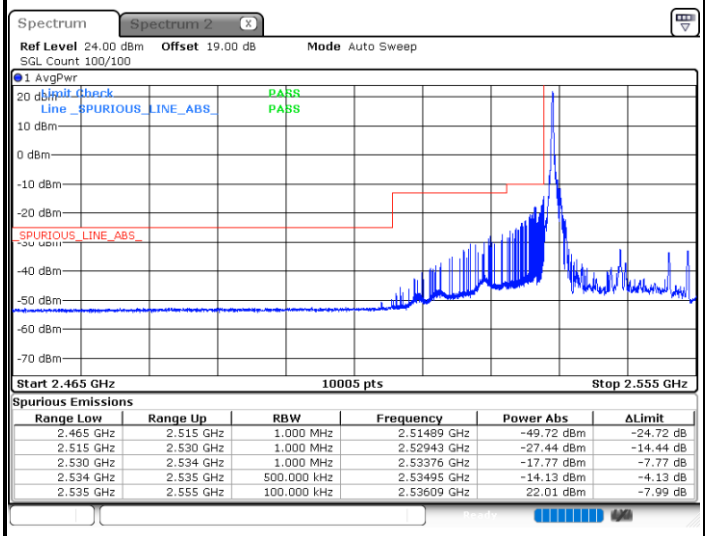
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.655 GHz	100.000 kHz	2.64903 GHz	2.74 dBm	-27.26 dB
2.655 GHz	2.656 GHz	300.000 kHz	2.65515 GHz	-29.72 dBm	-19.72 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65640 GHz	-29.61 dBm	-19.61 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66075 GHz	-31.28 dBm	-18.28 dB
2.670 GHz	2.680 GHz	1.000 MHz	2.67045 GHz	-40.25 dBm	-15.25 dB

Date: 10.MAY.2025 04:50:03

LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB

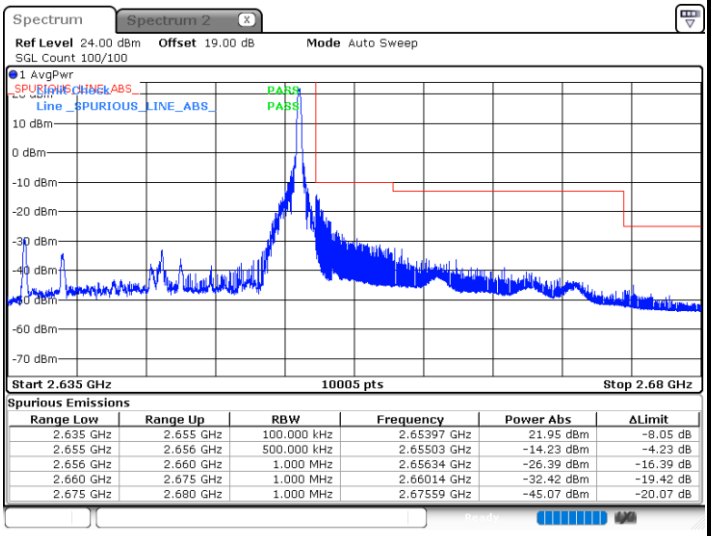


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.515 GHz	1.000 MHz	2.51489 GHz	-49.72 dBm	-24.72 dB
2.515 GHz	2.530 GHz	1.000 MHz	2.52943 GHz	-27.44 dBm	-14.44 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53376 GHz	-17.77 dBm	-7.77 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53495 GHz	-14.13 dBm	-4.13 dB
2.535 GHz	2.555 GHz	100.000 kHz	2.53609 GHz	22.01 dBm	-7.99 dB

Date: 10.MAY.2025 04:52:45

Highest Band Edge / 1 RB

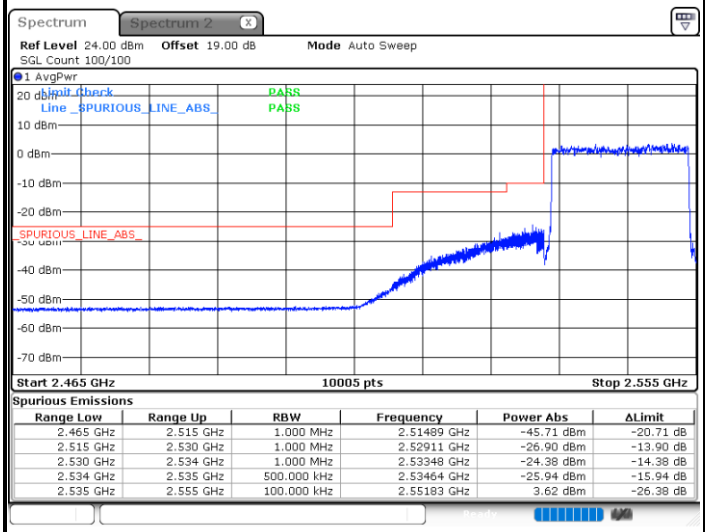


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.655 GHz	100.000 kHz	2.65397 GHz	21.95 dBm	-8.05 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65503 GHz	-14.23 dBm	-4.23 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65634 GHz	-26.39 dBm	-16.39 dB
2.660 GHz	2.675 GHz	1.000 MHz	2.66014 GHz	-32.42 dBm	-19.42 dB
2.675 GHz	2.680 GHz	1.000 MHz	2.67559 GHz	-45.07 dBm	-20.07 dB

Date: 10.MAY.2025 04:55:40

Lowest Band Edge / Full RB

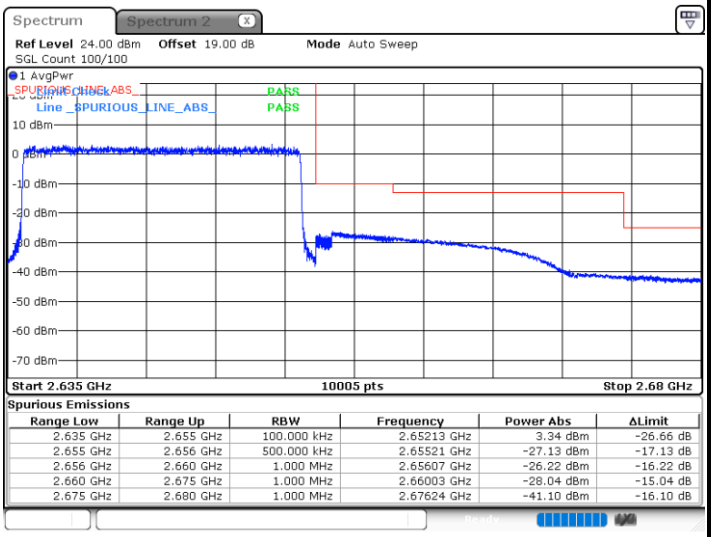


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.515 GHz	1.000 MHz	2.51489 GHz	-45.71 dBm	-20.71 dB
2.515 GHz	2.530 GHz	1.000 MHz	2.52911 GHz	-26.90 dBm	-13.90 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53348 GHz	-24.38 dBm	-14.38 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53464 GHz	-25.94 dBm	-15.94 dB
2.535 GHz	2.555 GHz	100.000 kHz	2.55183 GHz	3.62 dBm	-26.38 dB

Date: 10.MAY.2025 04:51:07

Highest Band Edge / Full RB



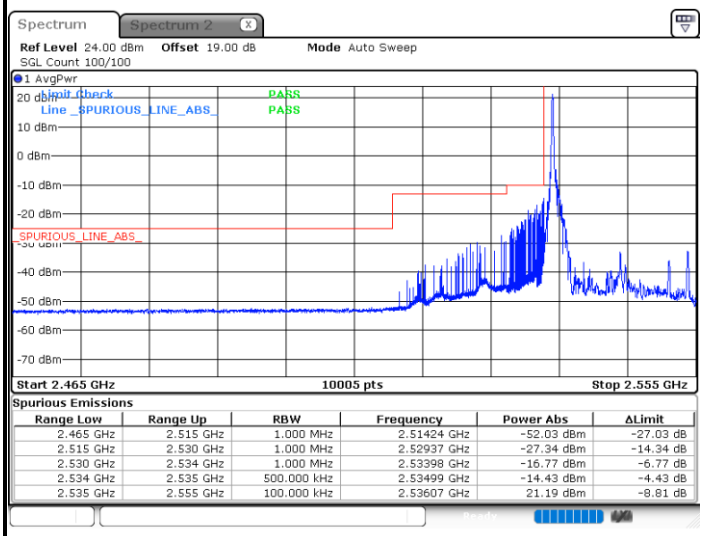
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.655 GHz	100.000 kHz	2.65213 GHz	3.34 dBm	-26.66 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65521 GHz	-27.13 dBm	-17.13 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65607 GHz	-26.22 dBm	-16.22 dB
2.660 GHz	2.675 GHz	1.000 MHz	2.66003 GHz	-28.04 dBm	-15.04 dB
2.675 GHz	2.680 GHz	1.000 MHz	2.67624 GHz	-41.10 dBm	-16.10 dB

Date: 10.MAY.2025 04:57:30

LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB

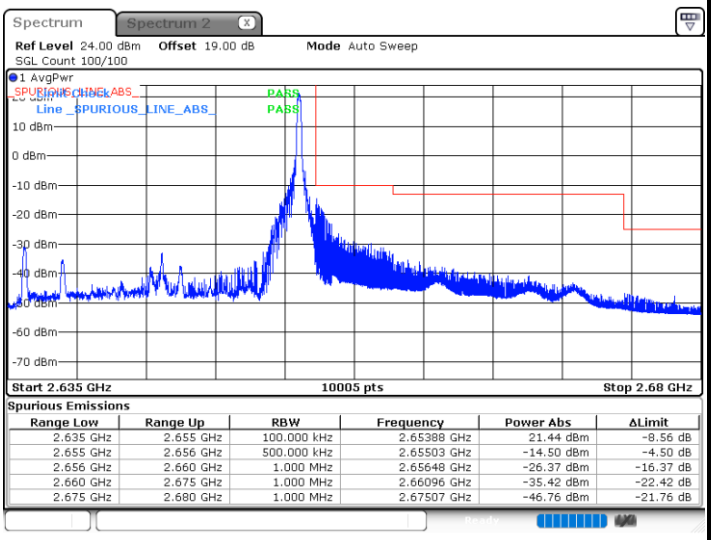


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.515 GHz	1.000 MHz	2.51424 GHz	-52.03 dBm	-27.03 dB
2.515 GHz	2.530 GHz	1.000 MHz	2.52937 GHz	-27.34 dBm	-14.34 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53398 GHz	-16.77 dBm	-6.77 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53499 GHz	-14.43 dBm	-4.43 dB
2.535 GHz	2.555 GHz	100.000 kHz	2.53607 GHz	21.19 dBm	-8.81 dB

Date: 10.MAY.2025 04:52:25

Highest Band Edge / 1 RB

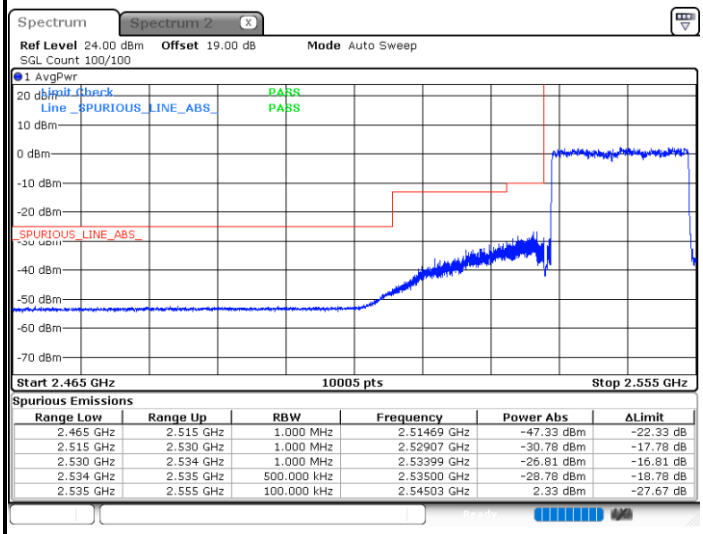


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.655 GHz	100.000 kHz	2.65388 GHz	21.44 dBm	-8.56 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65503 GHz	-14.50 dBm	-4.50 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65648 GHz	-26.37 dBm	-16.37 dB
2.660 GHz	2.675 GHz	1.000 MHz	2.66096 GHz	-35.42 dBm	-22.42 dB
2.675 GHz	2.680 GHz	1.000 MHz	2.67507 GHz	-46.76 dBm	-21.76 dB

Date: 10.MAY.2025 04:56:02

Lowest Band Edge / Full RB

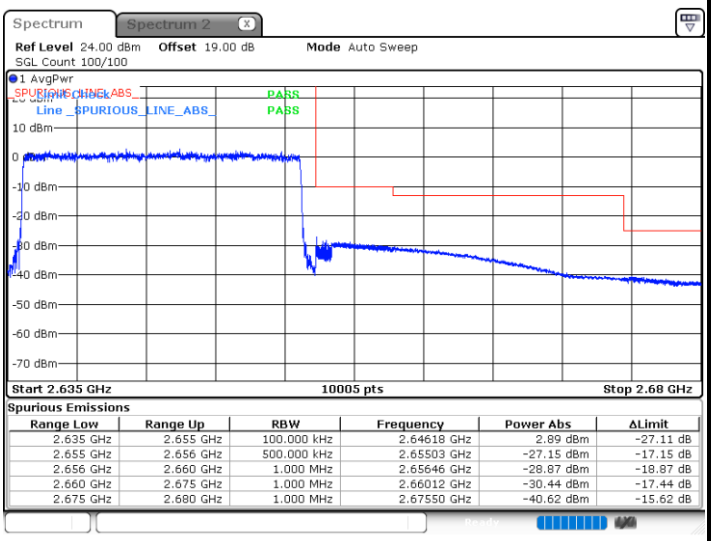


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.515 GHz	1.000 MHz	2.51469 GHz	-47.33 dBm	-22.33 dB
2.515 GHz	2.530 GHz	1.000 MHz	2.52907 GHz	-30.78 dBm	-17.78 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53399 GHz	-26.81 dBm	-16.81 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53500 GHz	-28.78 dBm	-18.78 dB
2.535 GHz	2.555 GHz	100.000 kHz	2.54503 GHz	2.33 dBm	-27.67 dB

Date: 10.MAY.2025 04:51:26

Highest Band Edge / Full RB



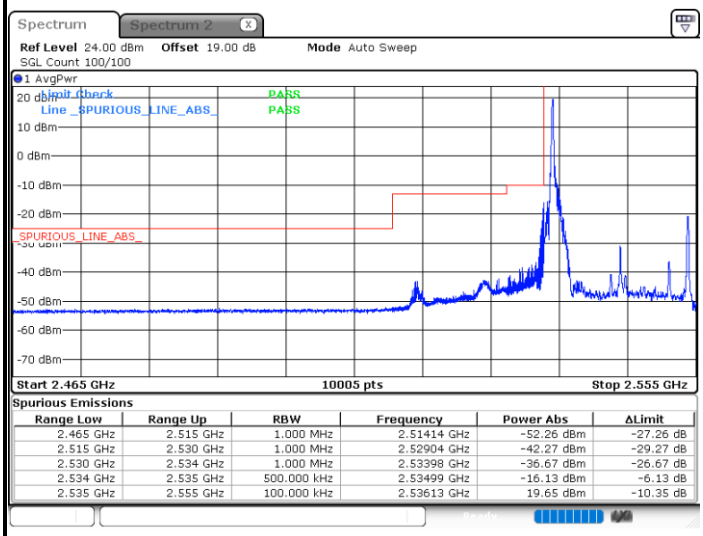
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.655 GHz	100.000 kHz	2.64618 GHz	2.89 dBm	-27.11 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65503 GHz	-27.15 dBm	-17.15 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65646 GHz	-28.87 dBm	-18.87 dB
2.660 GHz	2.675 GHz	1.000 MHz	2.66012 GHz	-30.44 dBm	-17.44 dB
2.675 GHz	2.680 GHz	1.000 MHz	2.67550 GHz	-40.62 dBm	-15.62 dB

Date: 10.MAY.2025 04:57:08

LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB

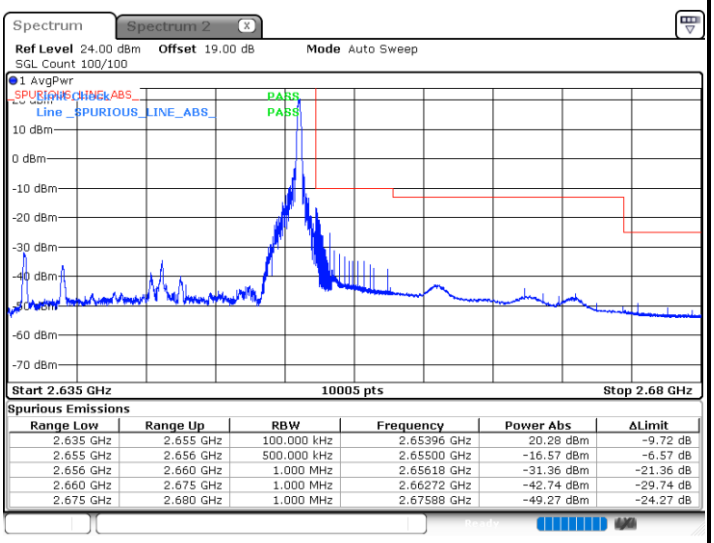


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.515 GHz	1.000 MHz	2.51414 GHz	-52.26 dBm	-27.26 dB
2.515 GHz	2.530 GHz	1.000 MHz	2.52904 GHz	-42.27 dBm	-29.27 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53398 GHz	-36.67 dBm	-26.67 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53499 GHz	-16.13 dBm	-6.13 dB
2.535 GHz	2.555 GHz	100.000 kHz	2.53613 GHz	19.65 dBm	-10.35 dB

Date: 10.MAY.2025 04:52:06

Highest Band Edge / 1 RB

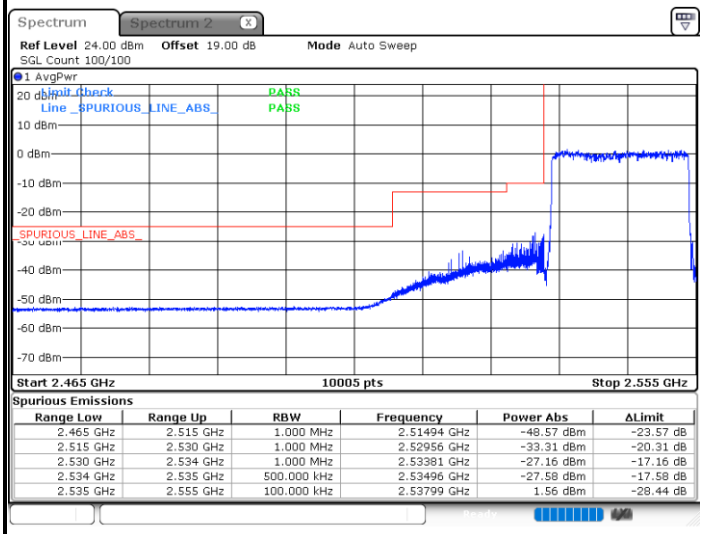


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.655 GHz	100.000 kHz	2.65396 GHz	20.28 dBm	-9.72 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65500 GHz	-16.57 dBm	-6.57 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65618 GHz	-31.36 dBm	-21.36 dB
2.660 GHz	2.675 GHz	1.000 MHz	2.66272 GHz	-42.74 dBm	-29.74 dB
2.675 GHz	2.680 GHz	1.000 MHz	2.67588 GHz	-49.27 dBm	-24.27 dB

Date: 10.MAY.2025 04:56:24

Lowest Band Edge / Full RB

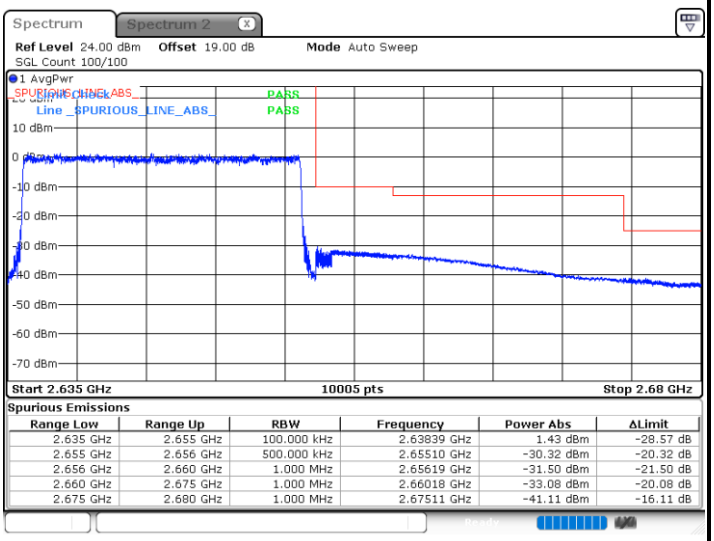


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.465 GHz	2.515 GHz	1.000 MHz	2.51494 GHz	-48.57 dBm	-23.57 dB
2.515 GHz	2.530 GHz	1.000 MHz	2.52956 GHz	-33.31 dBm	-20.31 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53381 GHz	-27.16 dBm	-17.16 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53496 GHz	-27.58 dBm	-17.58 dB
2.535 GHz	2.555 GHz	100.000 kHz	2.53799 GHz	1.56 dBm	-28.44 dB

Date: 10.MAY.2025 04:51:46

Highest Band Edge / Full RB



Spurious Emissions

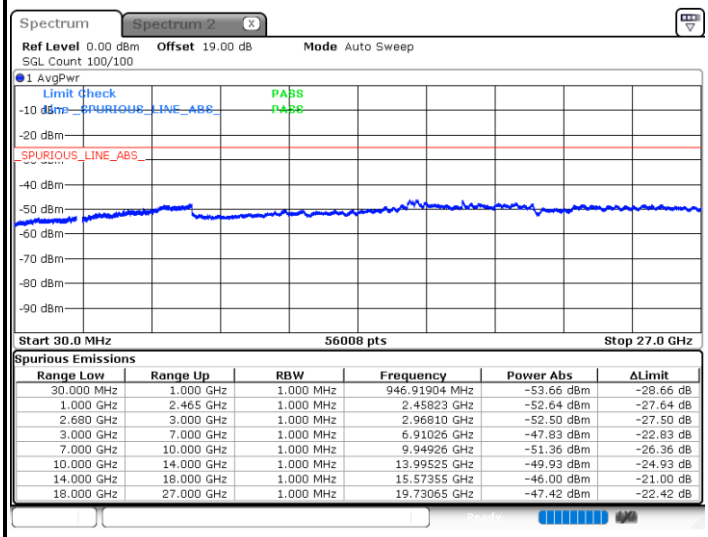
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.655 GHz	100.000 kHz	2.63839 GHz	1.43 dBm	-28.57 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65510 GHz	-30.32 dBm	-20.32 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65619 GHz	-31.50 dBm	-21.50 dB
2.660 GHz	2.675 GHz	1.000 MHz	2.66018 GHz	-33.08 dBm	-20.08 dB
2.675 GHz	2.680 GHz	1.000 MHz	2.67511 GHz	-41.11 dBm	-16.11 dB

Date: 10.MAY.2025 04:56:46

Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

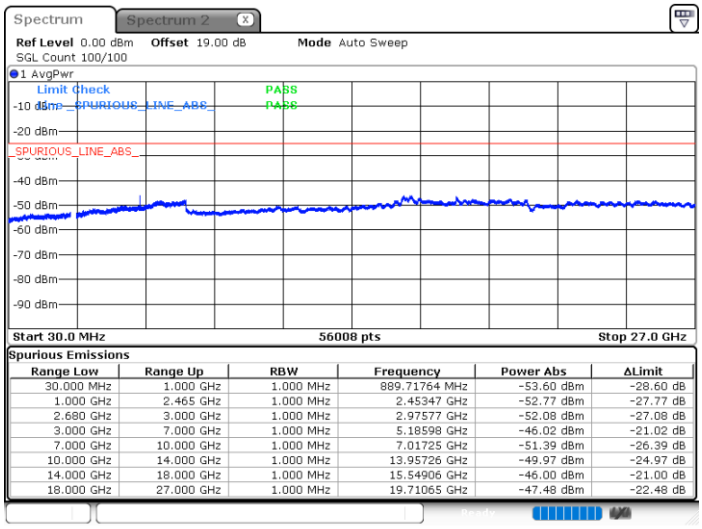


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-53.66 dBm	-28.66 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.45823 GHz	-52.64 dBm	-27.64 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.96810 GHz	-52.50 dBm	-27.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91026 GHz	-47.83 dBm	-22.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94926 GHz	-51.36 dBm	-26.36 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99525 GHz	-49.93 dBm	-24.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.57355 GHz	-46.00 dBm	-21.00 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.73065 GHz	-47.42 dBm	-22.42 dB

Date: 10.MAY.2025 04:33:20

Middle Channel / QPSK

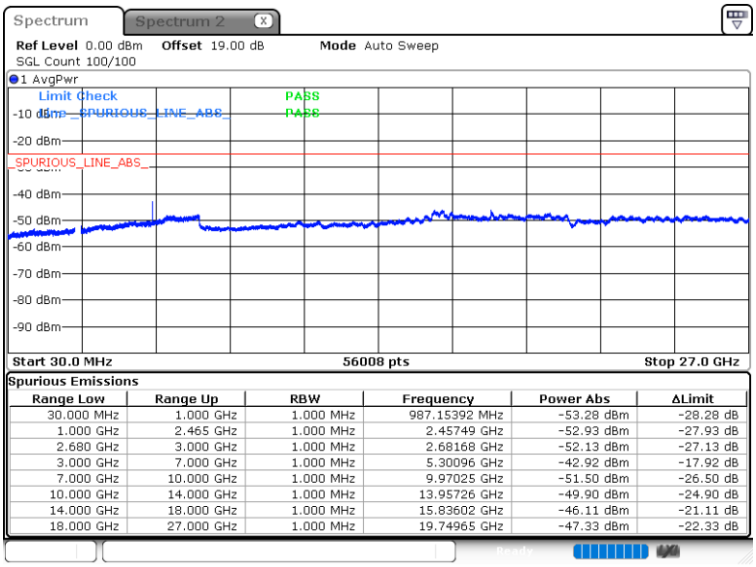


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-53.60 dBm	-28.60 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.45347 GHz	-52.77 dBm	-27.77 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.97577 GHz	-52.08 dBm	-27.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18598 GHz	-46.02 dBm	-21.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01725 GHz	-51.39 dBm	-26.39 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95726 GHz	-49.97 dBm	-24.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54906 GHz	-46.00 dBm	-21.00 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71065 GHz	-47.48 dBm	-22.48 dB

Date: 10.MAY.2025 04:34:10

Highest Channel / QPSK



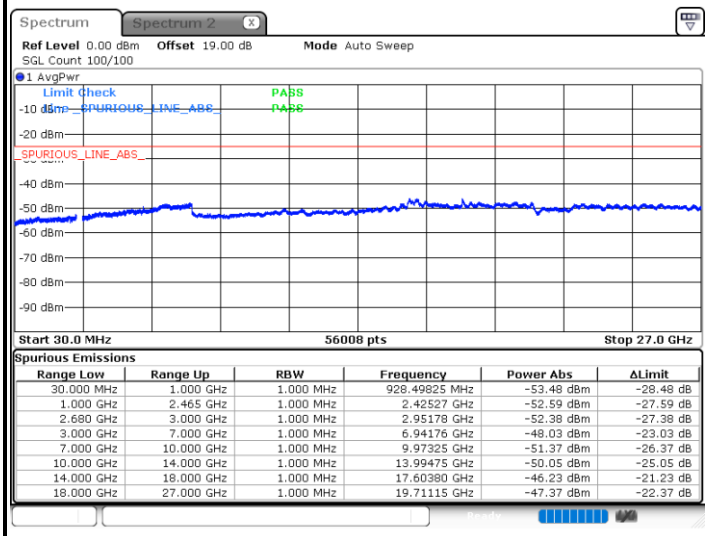
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-53.28 dBm	-28.28 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.45749 GHz	-52.93 dBm	-27.93 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68168 GHz	-52.13 dBm	-27.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.30096 GHz	-42.92 dBm	-17.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97025 GHz	-51.50 dBm	-26.50 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95726 GHz	-49.90 dBm	-24.90 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.83602 GHz	-46.11 dBm	-21.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.74965 GHz	-47.33 dBm	-22.33 dB

Date: 10.MAY.2025 04:35:01

LTE Band 41 / 10MHz

Lowest Channel / QPSK

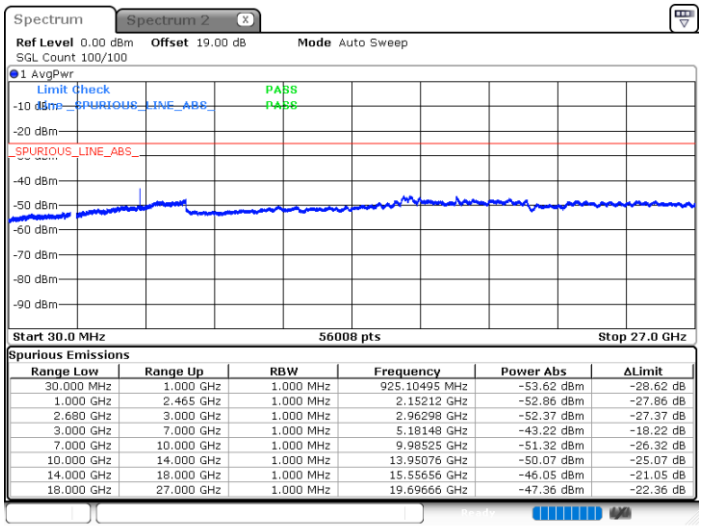


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-53.48 dBm	-28.48 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.42527 GHz	-52.59 dBm	-27.59 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.95178 GHz	-52.38 dBm	-27.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94176 GHz	-48.03 dBm	-23.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97325 GHz	-51.37 dBm	-26.37 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99475 GHz	-50.05 dBm	-25.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.60380 GHz	-46.23 dBm	-21.23 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71115 GHz	-47.37 dBm	-22.37 dB

Date: 10.MAY.2025 04:40:10

Middle Channel / QPSK

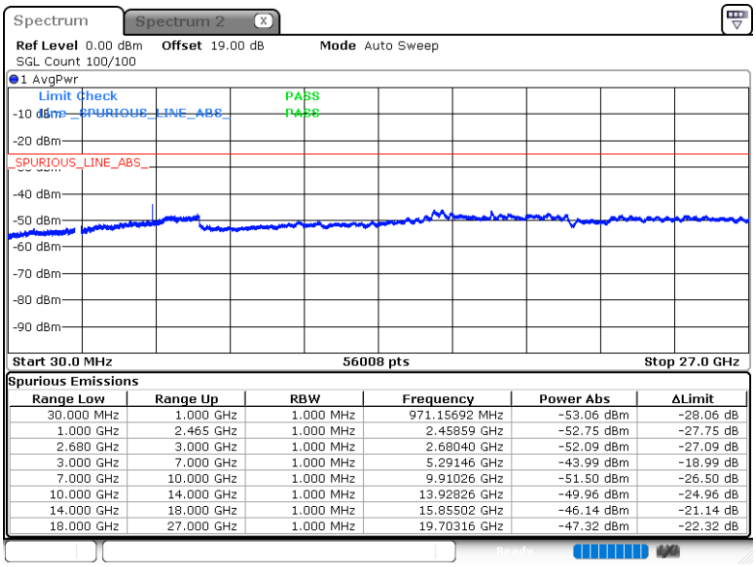


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-53.62 dBm	-28.62 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.15212 GHz	-52.86 dBm	-27.86 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.96298 GHz	-52.37 dBm	-27.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18148 GHz	-43.22 dBm	-18.22 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98525 GHz	-51.32 dBm	-26.32 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95076 GHz	-50.07 dBm	-25.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55656 GHz	-46.05 dBm	-21.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69666 GHz	-47.36 dBm	-22.36 dB

Date: 10.MAY.2025 04:41:01

Highest Channel / QPSK



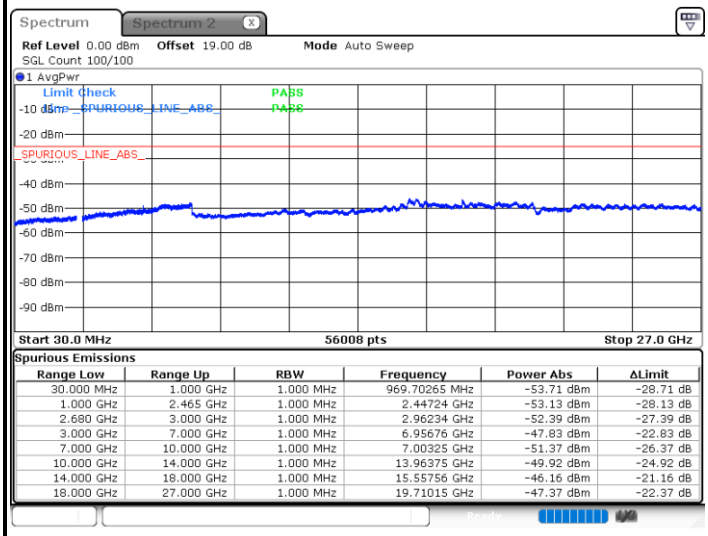
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-53.06 dBm	-28.06 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.45859 GHz	-52.75 dBm	-27.75 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68040 GHz	-52.09 dBm	-27.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.29146 GHz	-43.99 dBm	-18.99 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.91026 GHz	-51.50 dBm	-26.50 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92826 GHz	-49.96 dBm	-24.96 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.85502 GHz	-46.14 dBm	-21.14 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70316 GHz	-47.32 dBm	-22.32 dB

Date: 10.MAY.2025 04:41:51

LTE Band 41 / 15MHz

Lowest Channel / QPSK

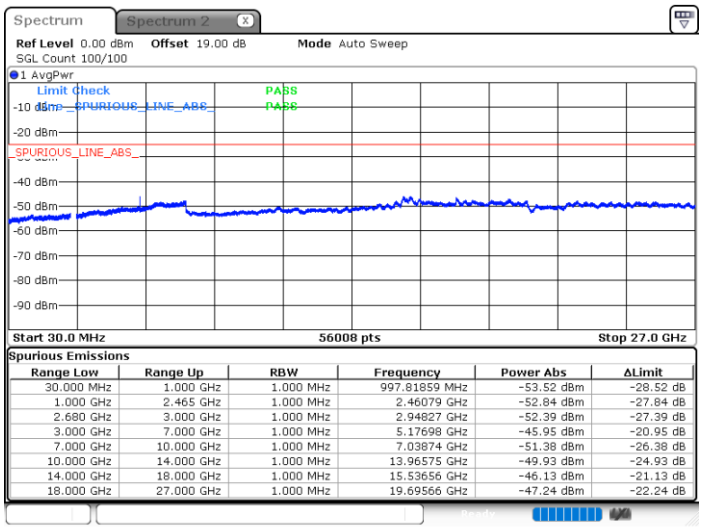


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-53.71 dBm	-28.71 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.44724 GHz	-53.13 dBm	-28.13 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.96234 GHz	-52.39 dBm	-27.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95676 GHz	-47.83 dBm	-22.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00325 GHz	-51.37 dBm	-26.37 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.96375 GHz	-49.92 dBm	-24.92 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55756 GHz	-46.16 dBm	-21.16 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71015 GHz	-47.37 dBm	-22.37 dB

Date: 10.MAY.2025 04:46:53

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-53.52 dBm	-28.52 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.46079 GHz	-52.84 dBm	-27.84 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.94827 GHz	-52.39 dBm	-27.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17698 GHz	-45.95 dBm	-20.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.03874 GHz	-51.38 dBm	-26.38 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.96575 GHz	-49.93 dBm	-24.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53656 GHz	-46.13 dBm	-21.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69566 GHz	-47.24 dBm	-22.24 dB

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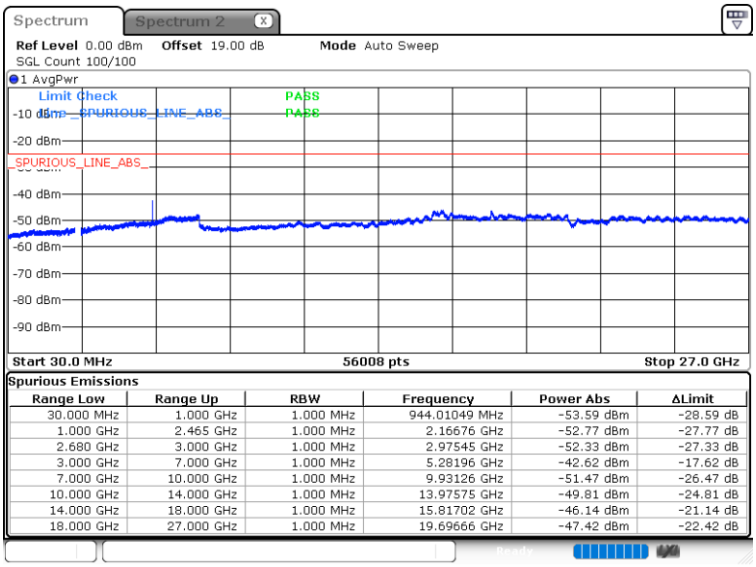
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-53.59 dBm	-28.59 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.16676 GHz	-52.77 dBm	-27.77 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.97545 GHz	-52.33 dBm	-27.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.28196 GHz	-42.62 dBm	-17.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93126 GHz	-51.47 dBm	-26.47 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97575 GHz	-49.81 dBm	-24.81 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.81702 GHz	-46.14 dBm	-21.14 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69666 GHz	-47.42 dBm	-22.42 dB

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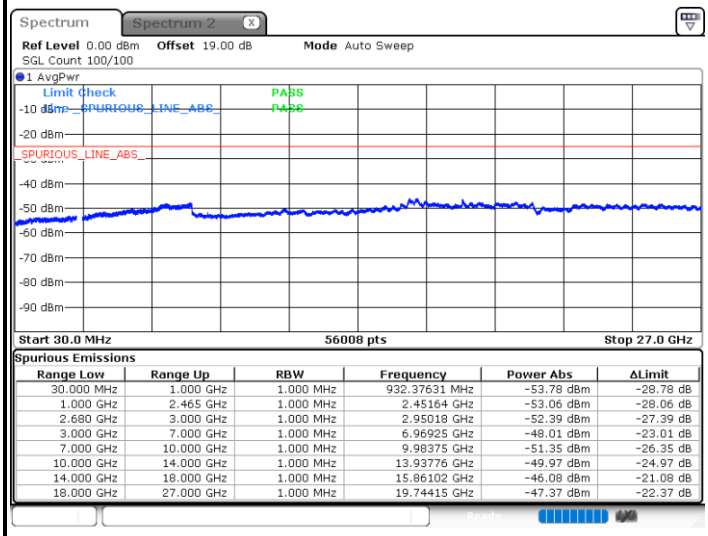
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-53.78 dBm	-28.78 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.45164 GHz	-53.06 dBm	-28.06 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.95018 GHz	-52.39 dBm	-27.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96925 GHz	-48.01 dBm	-23.01 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98375 GHz	-51.35 dBm	-26.35 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.93776 GHz	-49.97 dBm	-24.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86102 GHz	-46.08 dBm	-21.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.74415 GHz	-47.37 dBm	-22.37 dB

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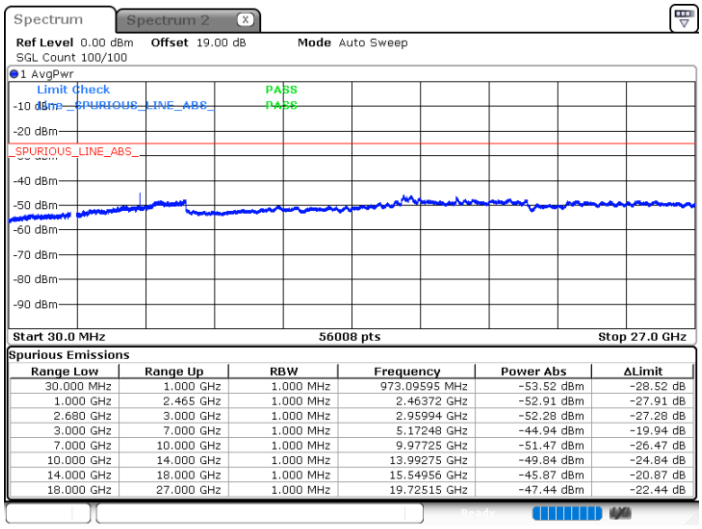
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-53.52 dBm	-28.52 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.46372 GHz	-52.91 dBm	-27.91 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.95994 GHz	-52.28 dBm	-27.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17248 GHz	-44.94 dBm	-19.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97725 GHz	-51.47 dBm	-26.47 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99275 GHz	-49.84 dBm	-24.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54956 GHz	-45.87 dBm	-20.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72515 GHz	-47.44 dBm	-22.44 dB

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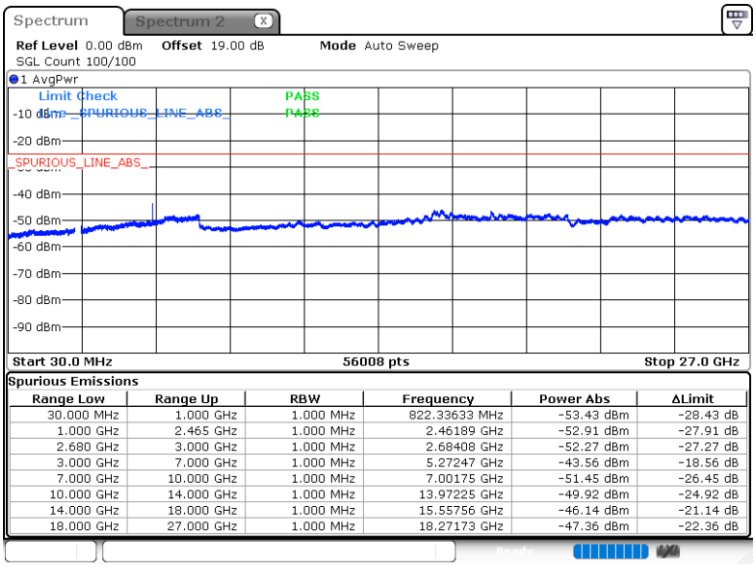
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	822.33633 MHz	-53.43 dBm	-28.43 dB
1.000 GHz	2.465 GHz	1.000 MHz	2.46189 GHz	-52.91 dBm	-27.91 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68408 GHz	-52.27 dBm	-27.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.27247 GHz	-43.56 dBm	-18.56 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00175 GHz	-51.45 dBm	-26.45 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97225 GHz	-49.92 dBm	-24.92 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55756 GHz	-46.14 dBm	-21.14 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.27173 GHz	-47.36 dBm	-22.36 dB

Date: 10.MAY.2025 04:55:17

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0095	PASS
40	Normal Voltage	0.0111	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0089	
-10	Normal Voltage	0.0093	
-20	Normal Voltage	0.0071	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0045	

Note:

1. Normal Voltage = 3.91 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Wenbo Xiao	Temperature :	22~25℃
		Relative Humidity :	48~52%

For Sample 1:

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-65.89	-13	-52.89	-75.47	-69.14	4.00	9.40	H
	2496	-56.87	-13	-43.87	-70.77	-60.44	4.88	10.60	H
	3328	-62.70	-13	-49.70	-78.19	-67.63	5.52	12.60	H
	1664	-66.29	-13	-53.29	-75.47	-69.54	4.00	9.40	V
	2496	-60.66	-13	-47.66	-74.52	-64.23	4.88	10.60	V
	3328	-62.96	-13	-49.96	-78.21	-67.89	5.52	12.60	V

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

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.00	-60.10	-25	-35.10	-82.01	-65.66	7.14	12.70	H
	7578.00	-54.86	-25	-29.86	-80.89	-58.16	8.30	11.60	H
	10104.00	-49.64	-25	-24.64	-81.27	-51.16	10.48	12.00	H
	5052.00	-60.23	-25	-35.23	-82.26	-65.79	7.14	12.70	V
	7578.00	-54.55	-25	-29.55	-80.54	-57.85	8.30	11.60	V
	10104.00	-51.23	-25	-26.23	-81.46	-52.75	10.48	12.00	V

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

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5172.00	-59.91	-25	-34.91	-81.48	-65.47	7.14	12.70	
	7758.00	-54.15	-25	-29.15	-80.46	-57.45	8.30	11.60	
	10344.00	-50.14	-25	-25.14	-81.32	-51.66	10.48	12.00	
	5172.00	-59.83	-25	-34.83	-81.67	-65.39	7.14	12.70	
	7758.00	-54.73	-25	-29.73	-80.88	-58.03	8.30	11.60	
	10344.00	-51.01	-25	-26.01	-81.32	-52.53	10.48	12.00	

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

For Sample 2:

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.00	-60.33	-25	-35.33	-82.24	-65.89	7.14	12.70	H
	7578.00	-55.13	-25	-30.13	-81.16	-58.43	8.30	11.60	H
	10104.00	-50.23	-25	-25.23	-81.86	-51.75	10.48	12.00	H
	5052.00	-60.38	-25	-35.38	-82.41	-65.94	7.14	12.70	V
	7578.00	-55.07	-25	-30.07	-81.06	-58.37	8.30	11.60	V
	10104.00	-51.71	-25	-26.71	-81.94	-53.23	10.48	12.00	V

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

For Sample 3:

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.00	-60.18	-25	-35.18	-82.09	-65.74	7.14	12.70	H
	7578.00	-54.79	-25	-29.79	-80.82	-58.09	8.30	11.60	H
	10104.00	-49.91	-25	-24.91	-81.54	-51.43	10.48	12.00	H
	5052.00	-60.05	-25	-35.05	-82.08	-65.61	7.14	12.70	V
	7578.00	-54.84	-25	-29.84	-80.83	-58.14	8.30	11.60	V
	10104.00	-51.42	-25	-26.42	-81.65	-52.94	10.48	12.00	V

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