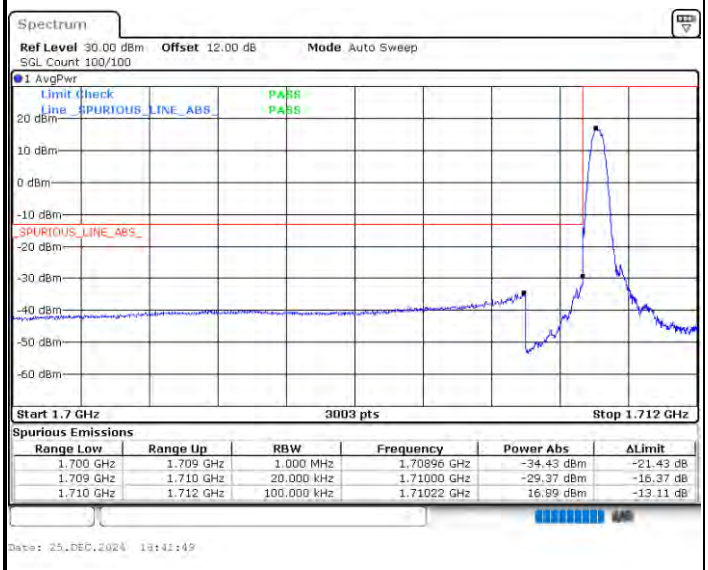
LTE Band 4 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

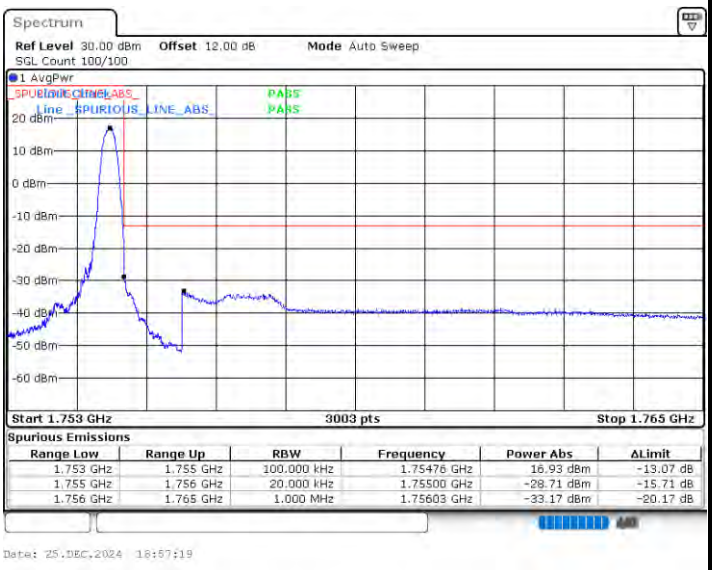


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-34.43 dBm	-21.43 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-29.37 dBm	-16.37 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71022 GHz	16.89 dBm	-13.11 dB

Date: 25.DEC.2024 18:41:49

Highest Band Edge / 1 RB

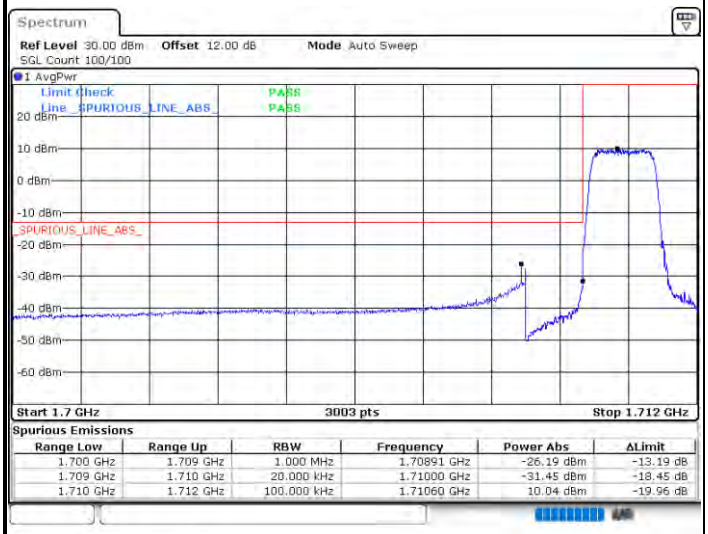


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	16.93 dBm	-13.07 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-28.71 dBm	-15.71 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-33.17 dBm	-20.17 dB

Date: 25.DEC.2024 18:57:19

Lowest Band Edge / Full RB

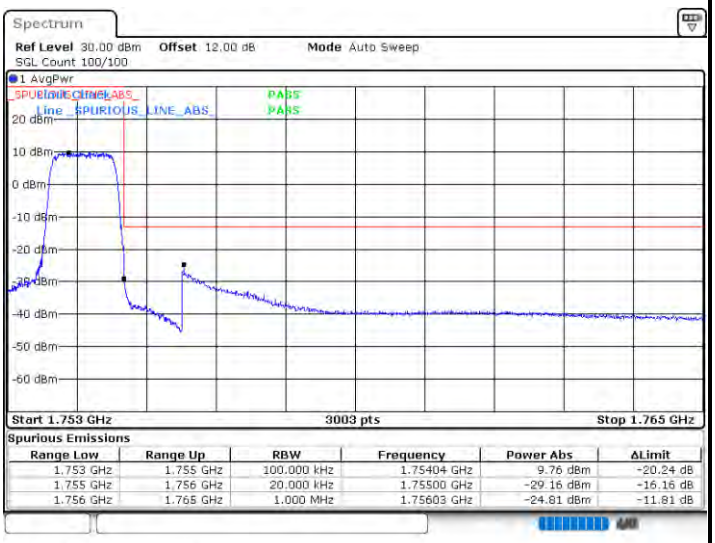


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-26.19 dBm	-13.19 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-31.45 dBm	-18.45 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71060 GHz	10.04 dBm	-19.96 dB

Date: 25.DEC.2024 18:49:38

Highest Band Edge / Full RB



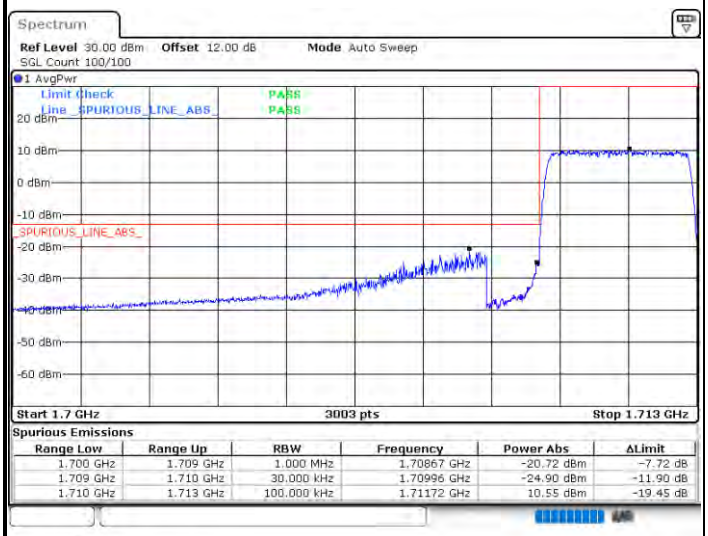
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75404 GHz	9.76 dBm	-20.24 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-29.16 dBm	-16.16 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-24.81 dBm	-11.81 dB

Date: 25.DEC.2024 19:03:19

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / Full RB

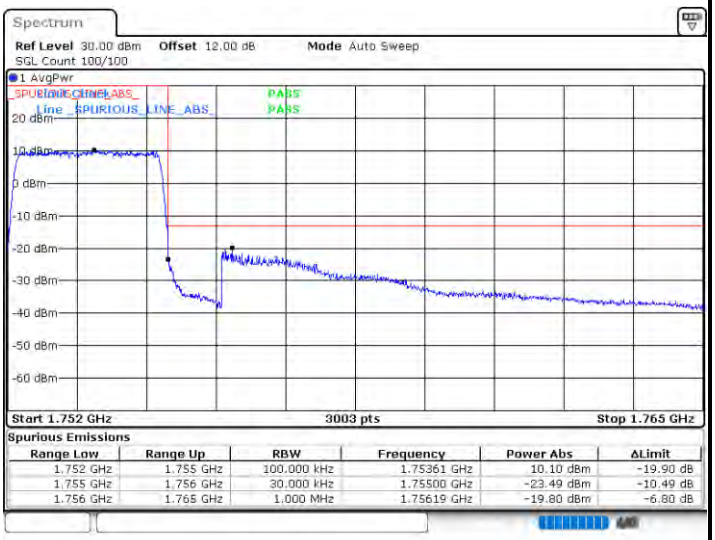


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70867 GHz	-20.72 dBm	-7.72 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.70996 GHz	-24.90 dBm	-11.90 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71172 GHz	10.55 dBm	-19.45 dB

Date: 25.DEC.2024 19:07:18

Highest Band Edge / Full RB



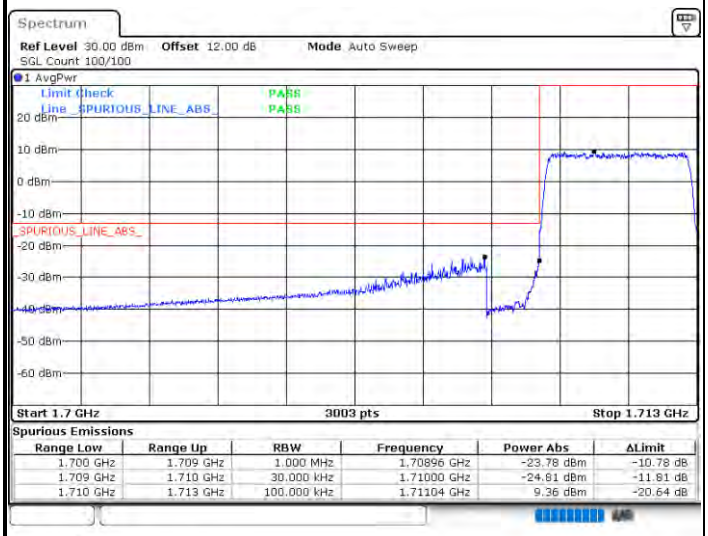
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75361 GHz	10.10 dBm	-19.90 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-23.49 dBm	-10.49 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75619 GHz	-19.80 dBm	-6.80 dB

Date: 25.DEC.2024 19:15:04

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / Full RB

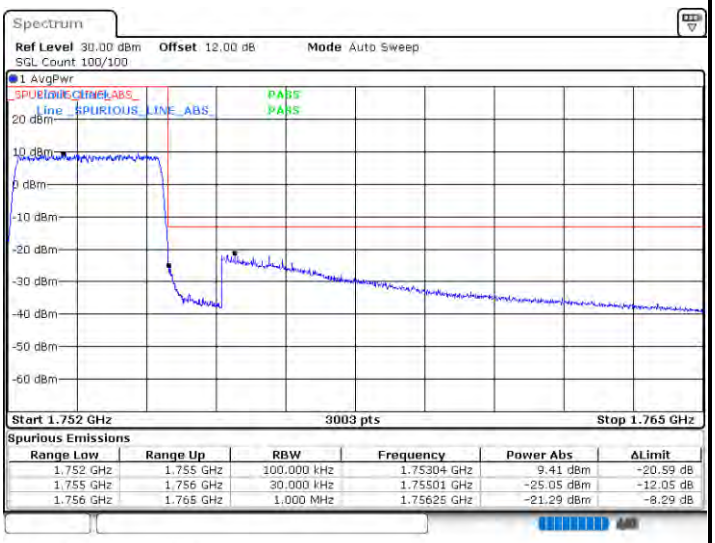


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-23.78 dBm	-10.78 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-24.81 dBm	-11.81 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71104 GHz	9.36 dBm	-20.64 dB

Date: 25.DEC.2024 19:09:20

Highest Band Edge / Full RB



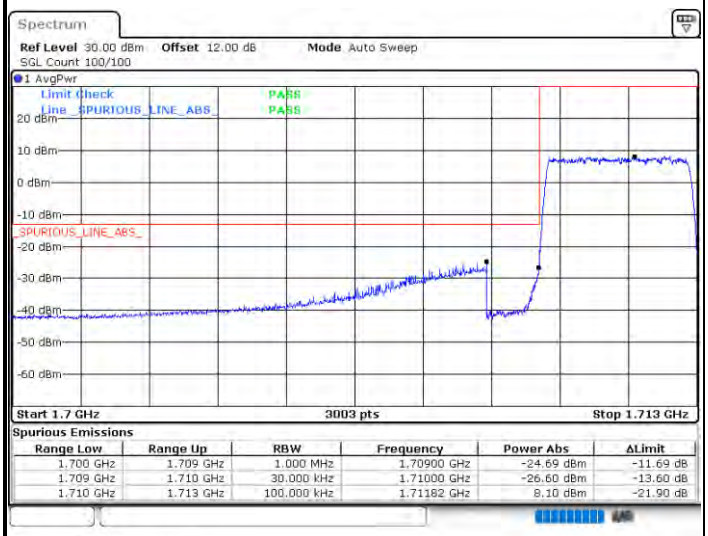
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75304 GHz	9.41 dBm	-20.59 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75501 GHz	-25.05 dBm	-12.05 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75625 GHz	-21.29 dBm	-8.29 dB

Date: 25.DEC.2024 19:17:04

LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / Full RB

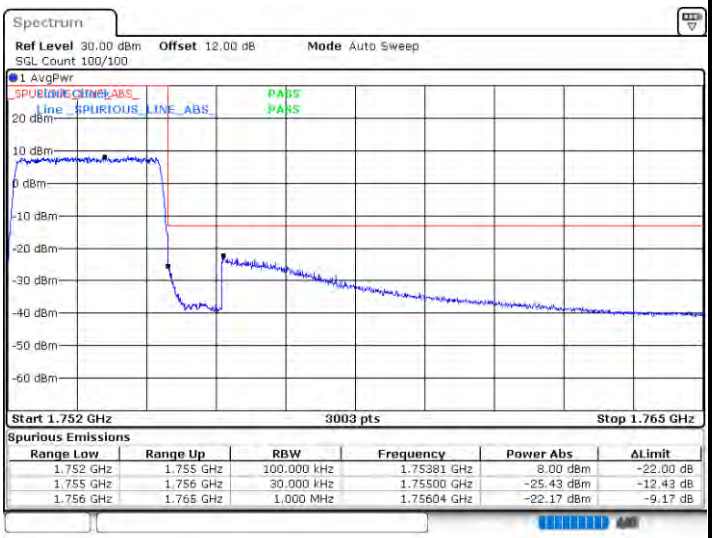


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-24.69 dBm	-11.69 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-26.60 dBm	-13.60 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71182 GHz	8.10 dBm	-21.90 dB

Date: 25.DEC.2024 19:11:13

Highest Band Edge / Full RB



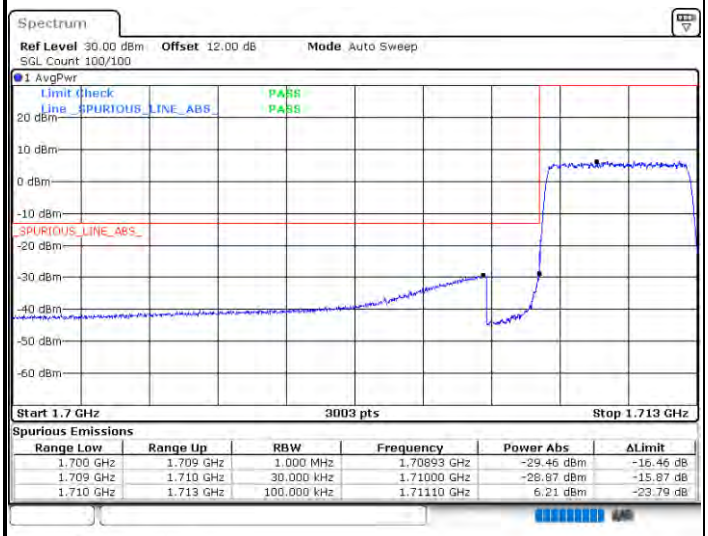
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75381 GHz	8.00 dBm	-22.00 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-25.43 dBm	-12.43 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-22.17 dBm	-9.17 dB

Date: 25.DEC.2024 19:19:01

LTE Band 4 / 3MHz / 256QAM

Lowest Band Edge / Full RB

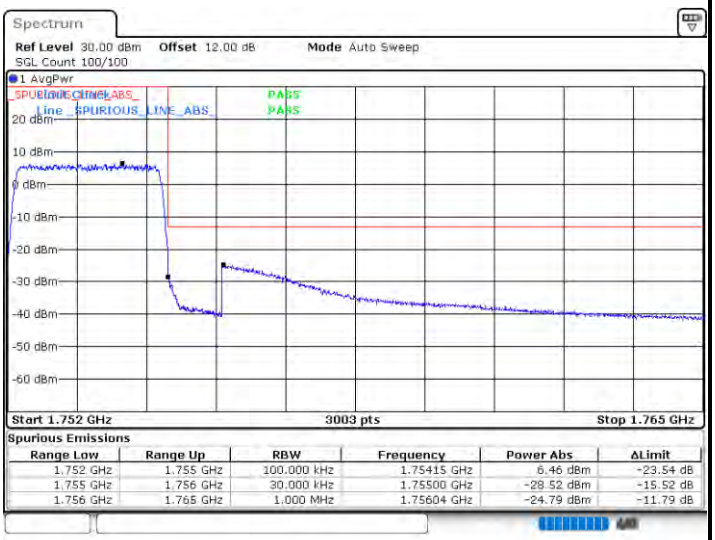


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-29.46 dBm	-16.46 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-28.87 dBm	-15.87 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71110 GHz	6.21 dBm	-23.79 dB

Date: 25.DEC.2024 19:12:05

Highest Band Edge / Full RB



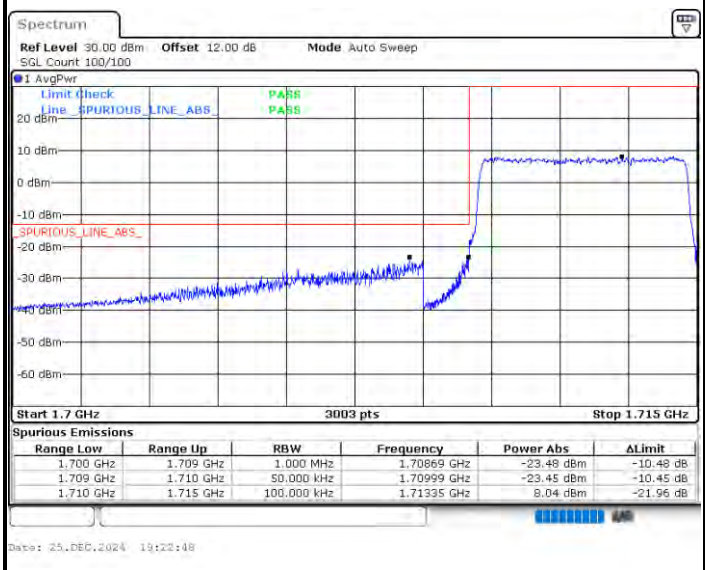
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75415 GHz	6.46 dBm	-23.54 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-28.52 dBm	-15.52 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-24.79 dBm	-11.79 dB

Date: 25.DEC.2024 19:20:57

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / Full RB

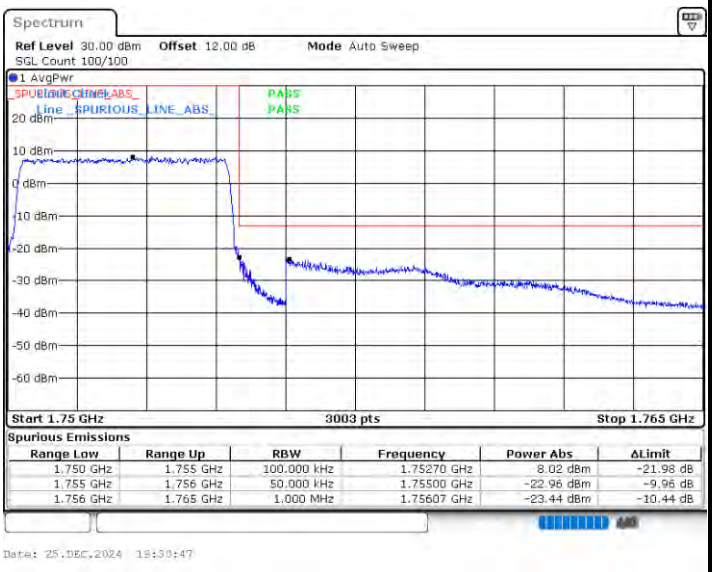


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70869 GHz	-23.48 dBm	-10.48 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-23.45 dBm	-10.45 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71335 GHz	8.04 dBm	-21.96 dB

Date: 25.DEC.2024 19:22:48

Highest Band Edge / Full RB



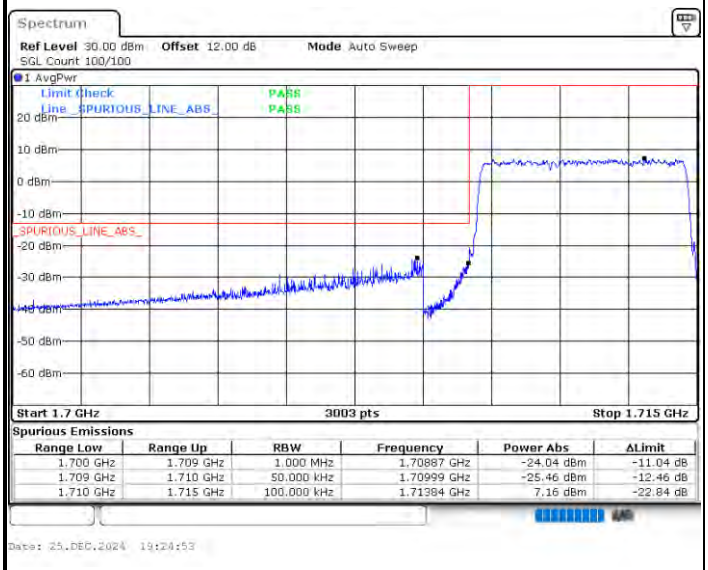
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75270 GHz	8.02 dBm	-21.98 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-22.96 dBm	-9.96 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75607 GHz	-23.44 dBm	-10.44 dB

Date: 25.DEC.2024 19:30:47

LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / Full RB

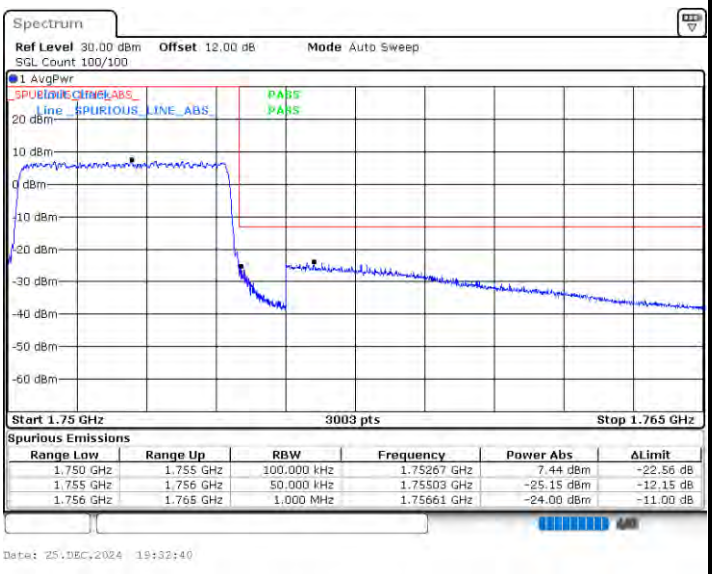


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70887 GHz	-24.04 dBm	-11.04 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-25.46 dBm	-12.46 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71384 GHz	7.16 dBm	-22.84 dB

Date: 25.DEC.2024 19:24:53

Highest Band Edge / Full RB



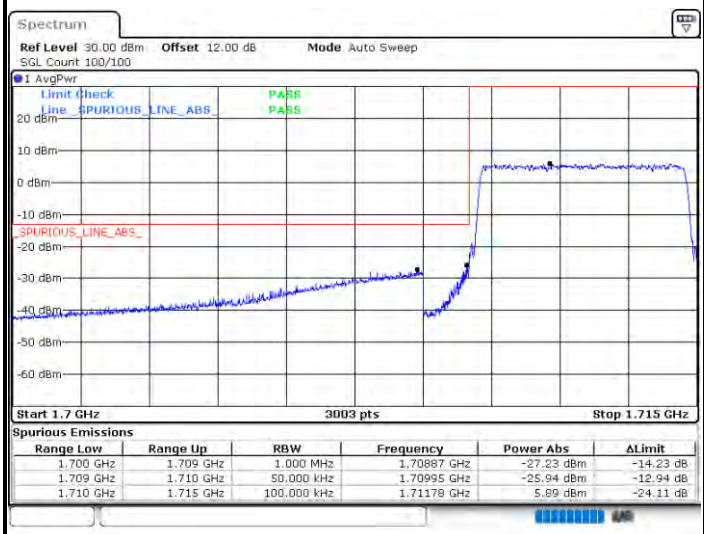
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75267 GHz	7.44 dBm	-22.56 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75503 GHz	-25.15 dBm	-12.15 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75661 GHz	-24.00 dBm	-11.00 dB

Date: 25.DEC.2024 19:32:40

LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / Full RB

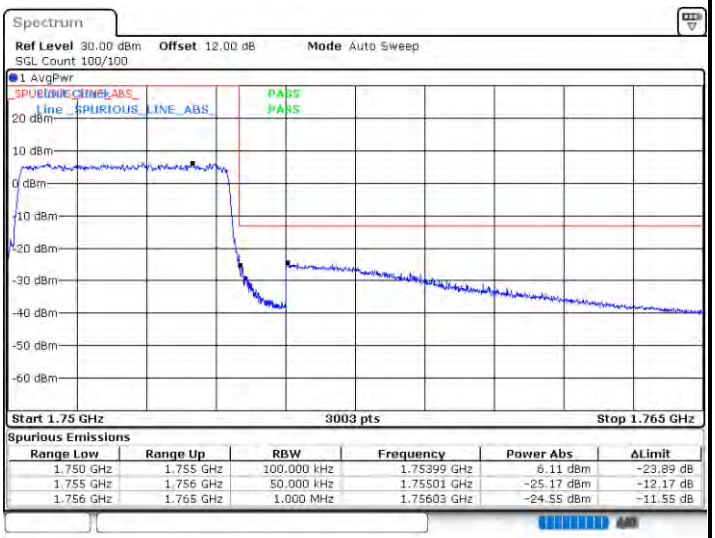


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70887 GHz	-27.23 dBm	-14.23 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70995 GHz	-25.94 dBm	-12.94 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71178 GHz	5.89 dBm	-24.11 dB

Date: 25.DEC.2024 19:26:59

Highest Band Edge / Full RB



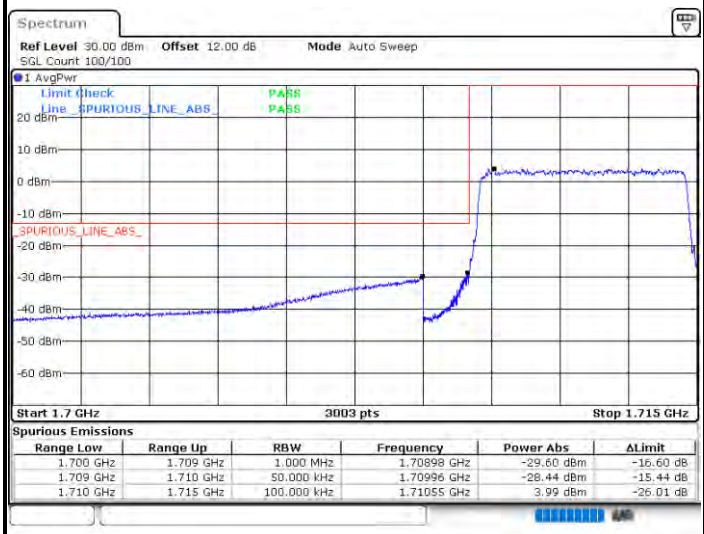
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75399 GHz	6.11 dBm	-23.89 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75501 GHz	-25.17 dBm	-12.17 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-24.55 dBm	-11.55 dB

Date: 25.DEC.2024 19:34:43

LTE Band 4 / 5MHz / 256QAM

Lowest Band Edge / Full RB

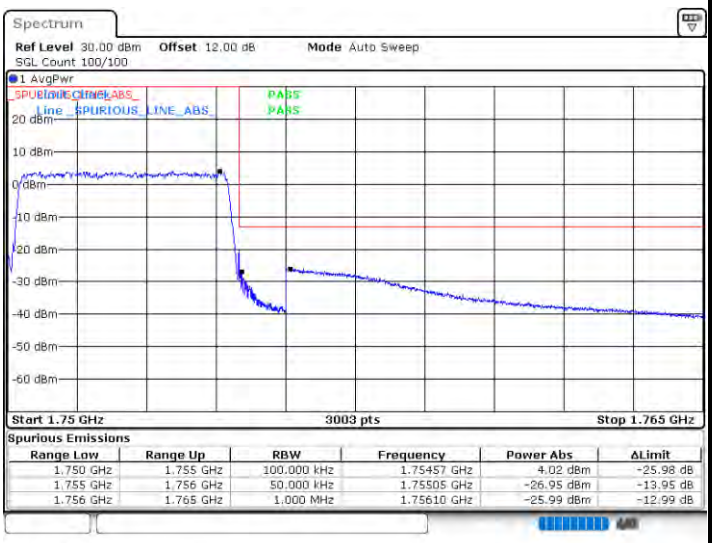


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-29.60 dBm	-16.60 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70996 GHz	-28.44 dBm	-15.44 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71055 GHz	3.99 dBm	-26.01 dB

Date: 25.DEC.2024 19:28:59

Highest Band Edge / Full RB



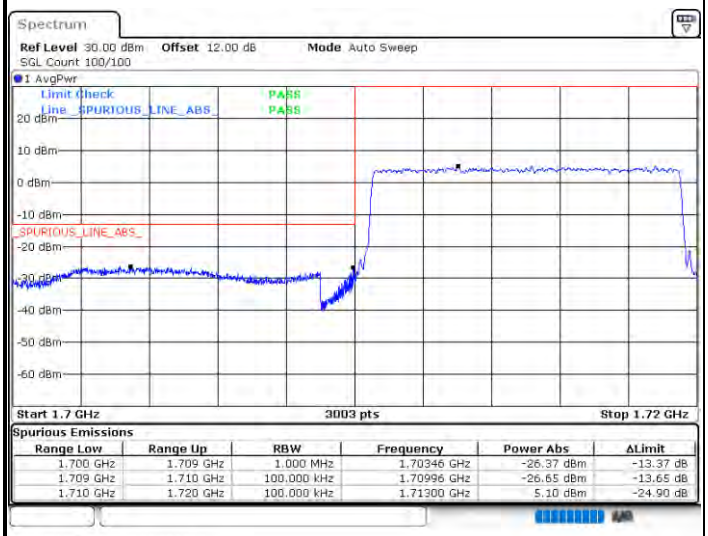
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75457 GHz	4.02 dBm	-25.98 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75505 GHz	-26.95 dBm	-13.95 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75610 GHz	-25.99 dBm	-12.99 dB

Date: 25.DEC.2024 19:36:37

LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / Full RB

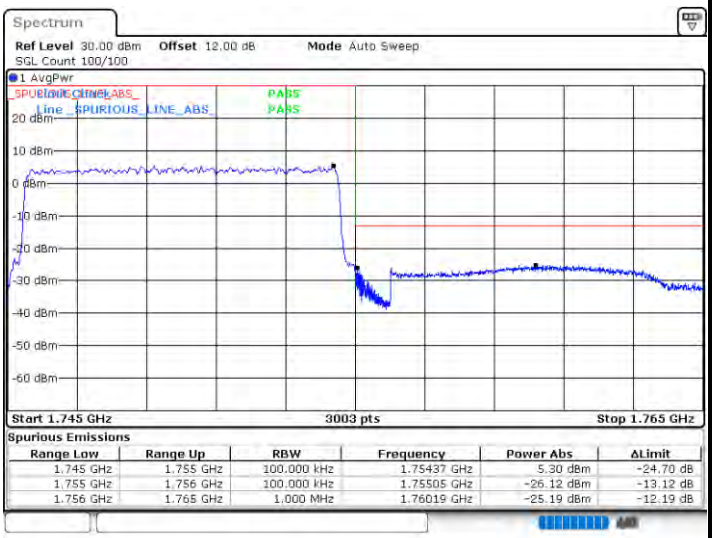


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70346 GHz	-26.37 dBm	-13.37 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70996 GHz	-26.65 dBm	-13.65 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71300 GHz	5.10 dBm	-24.90 dB

Date: 25.DEC.2024 19:28:33

Highest Band Edge / Full RB



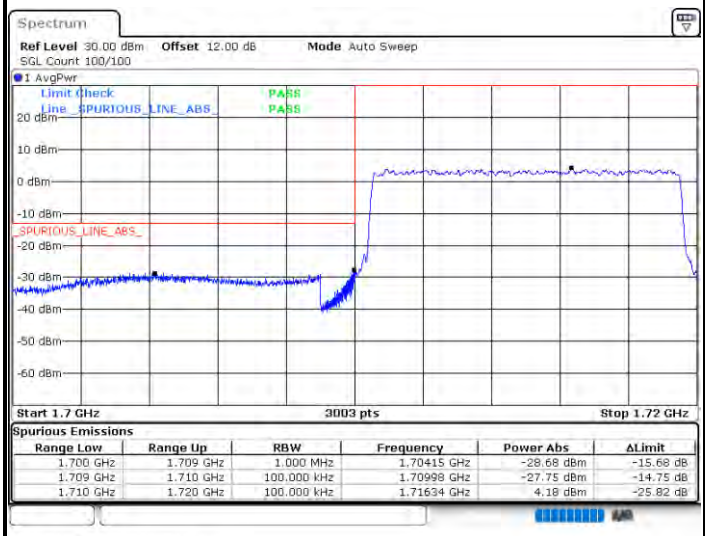
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75437 GHz	5.30 dBm	-24.70 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75505 GHz	-26.12 dBm	-13.12 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76019 GHz	-25.19 dBm	-12.19 dB

Date: 25.DEC.2024 19:46:29

LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / Full RB

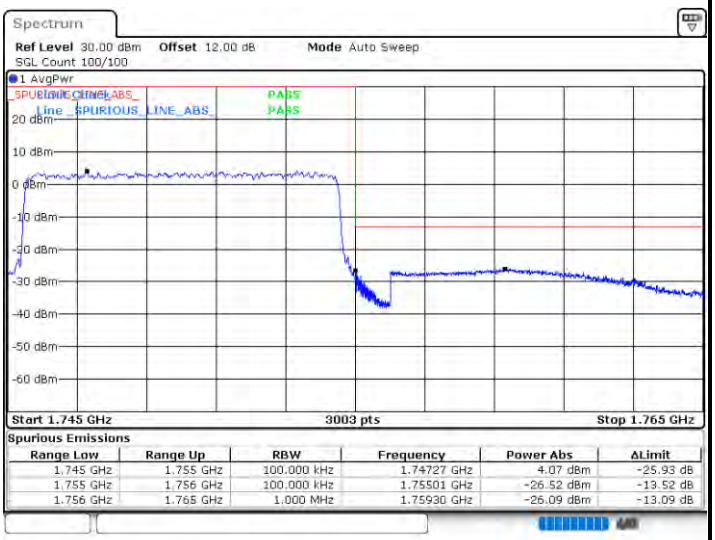


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70415 GHz	-28.68 dBm	-15.68 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70998 GHz	-27.75 dBm	-14.75 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71634 GHz	4.18 dBm	-25.82 dB

Date: 25.DEC.2024 19:40:33

Highest Band Edge / Full RB



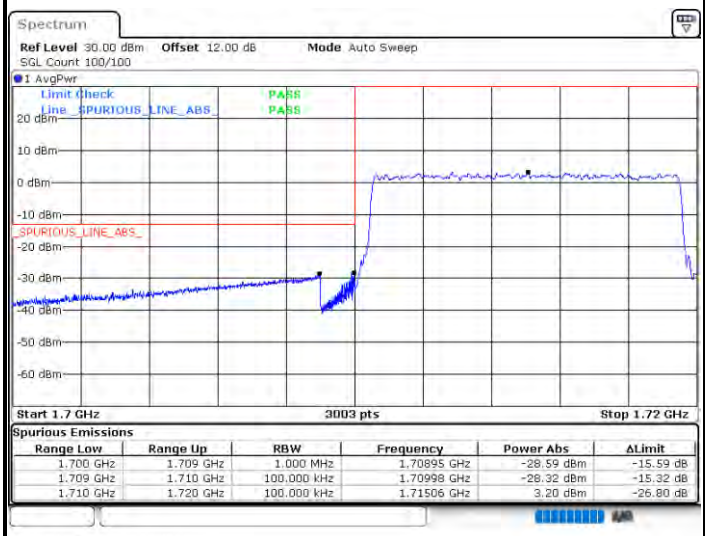
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74727 GHz	4.07 dBm	-25.93 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75501 GHz	-26.52 dBm	-13.52 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75930 GHz	-26.09 dBm	-13.09 dB

Date: 25.DEC.2024 19:49:09

LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / Full RB

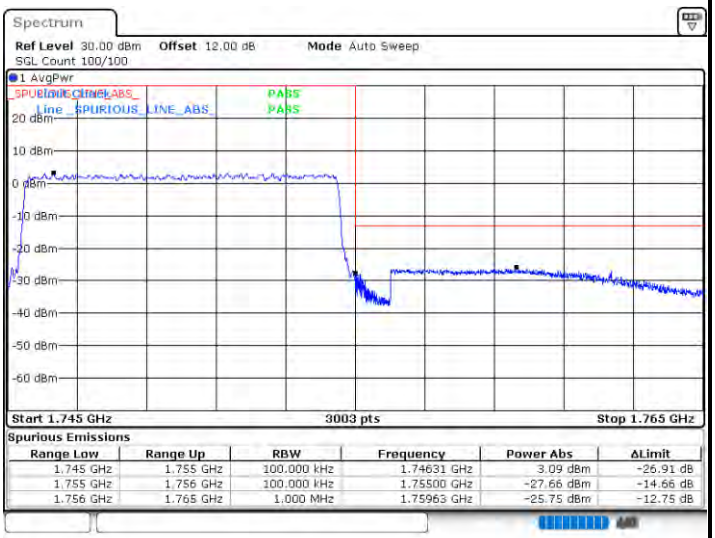


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-28.59 dBm	-15.59 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70998 GHz	-28.32 dBm	-15.32 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71506 GHz	3.20 dBm	-26.80 dB

Date: 25.DEC.2024 19:42:31

Highest Band Edge / Full RB



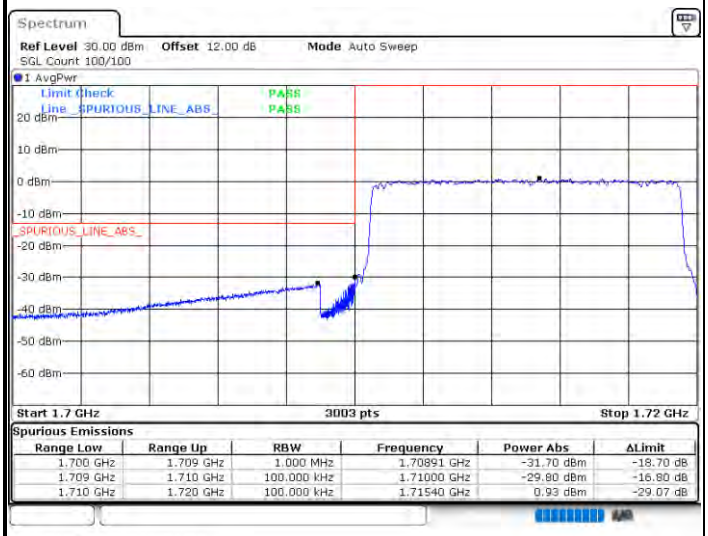
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74631 GHz	3.09 dBm	-26.91 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-27.66 dBm	-14.66 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75963 GHz	-25.75 dBm	-12.75 dB

Date: 25.DEC.2024 19:50:05

LTE Band 4 / 10MHz / 256QAM

Lowest Band Edge / Full RB

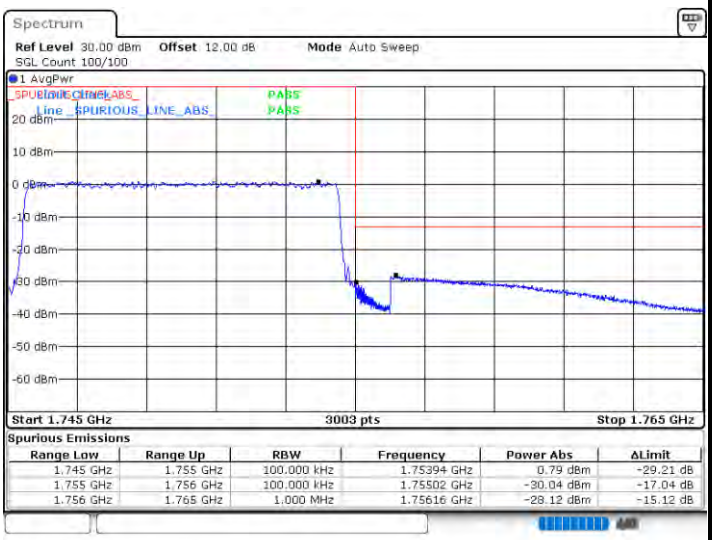


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-31.70 dBm	-18.70 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-29.80 dBm	-16.80 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71540 GHz	0.93 dBm	-29.07 dB

Date: 25.DEC.2024 19:44:32

Highest Band Edge / Full RB



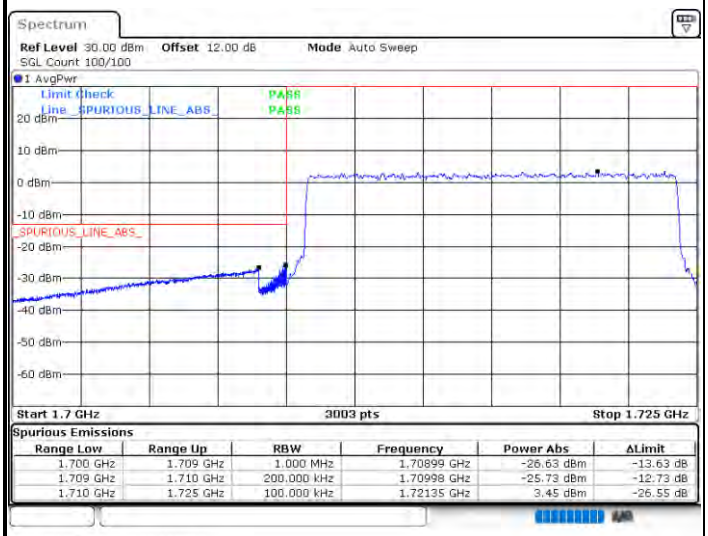
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75394 GHz	0.79 dBm	-29.21 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75502 GHz	-30.04 dBm	-17.04 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75616 GHz	-28.12 dBm	-15.12 dB

Date: 25.DEC.2024 19:52:09

LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / Full RB

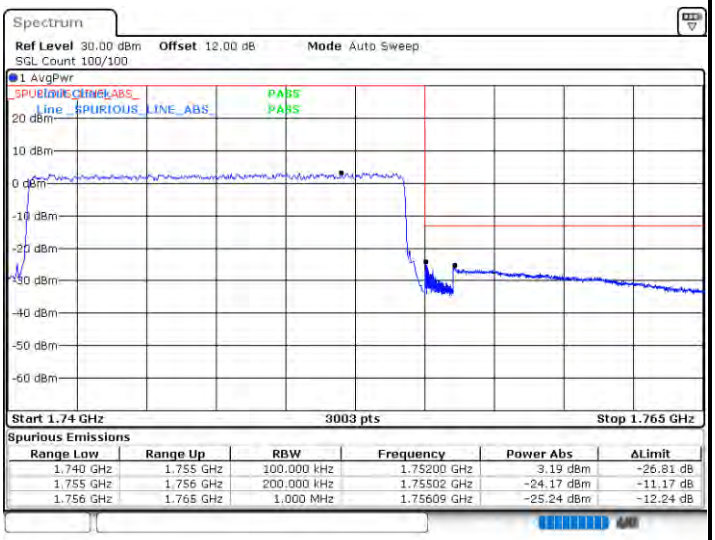


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-26.63 dBm	-13.63 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70998 GHz	-25.73 dBm	-12.73 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72135 GHz	3.45 dBm	-26.55 dB

Date: 25.DEC.2024 19:54:02

Highest Band Edge / Full RB



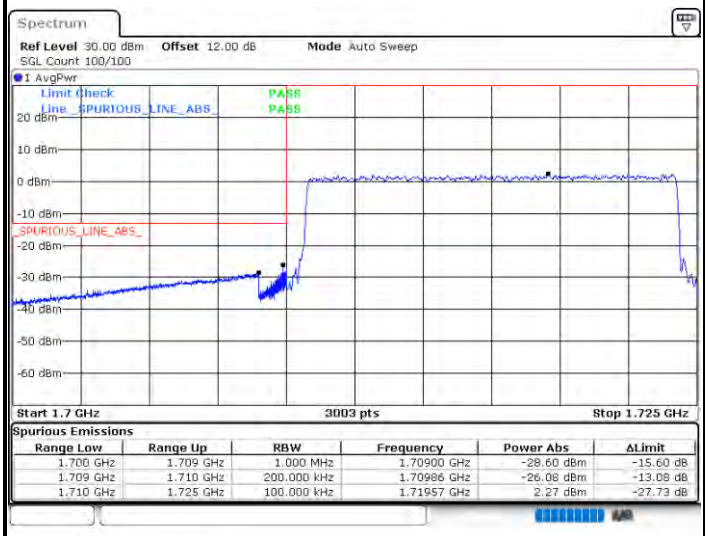
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75200 GHz	3.19 dBm	-26.81 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75502 GHz	-24.17 dBm	-11.17 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-25.24 dBm	-12.24 dB

Date: 25.DEC.2024 20:02:03

LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / Full RB

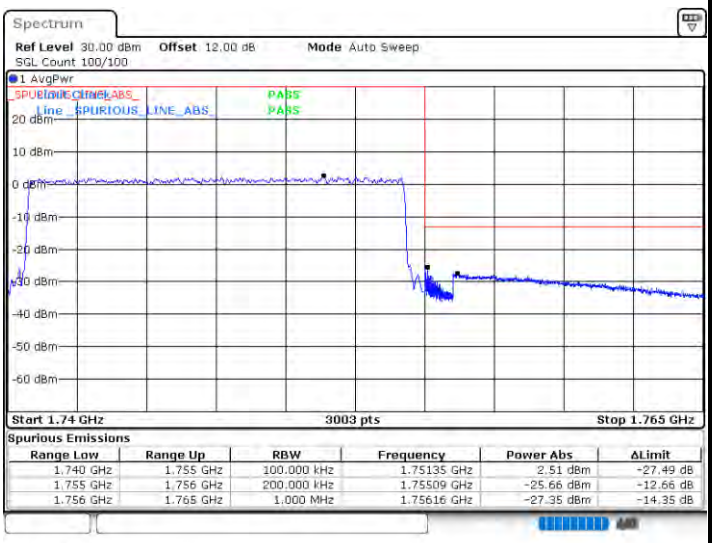


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-28.60 dBm	-15.60 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70986 GHz	-26.08 dBm	-13.08 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71957 GHz	2.27 dBm	-27.73 dB

Date: 25.DEC.2024 19:56:09

Highest Band Edge / Full RB



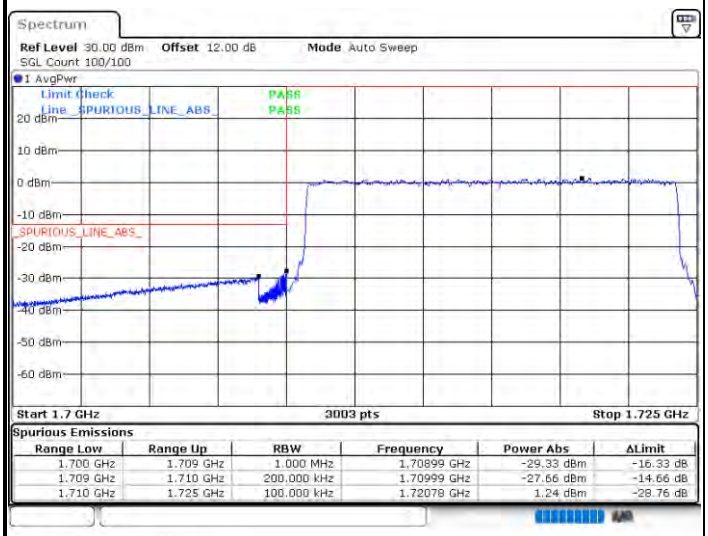
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75135 GHz	2.51 dBm	-27.49 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75509 GHz	-25.66 dBm	-12.66 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75616 GHz	-27.35 dBm	-14.35 dB

Date: 25.DEC.2024 20:03:51

LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / Full RB

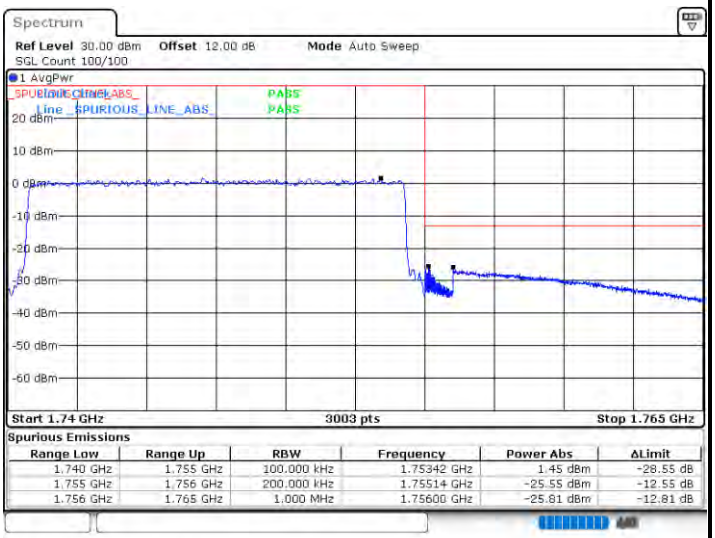


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-29.33 dBm	-16.33 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-27.66 dBm	-14.66 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72078 GHz	1.24 dBm	-28.76 dB

Date: 25.DEC.2024 19:58:08

Highest Band Edge / Full RB



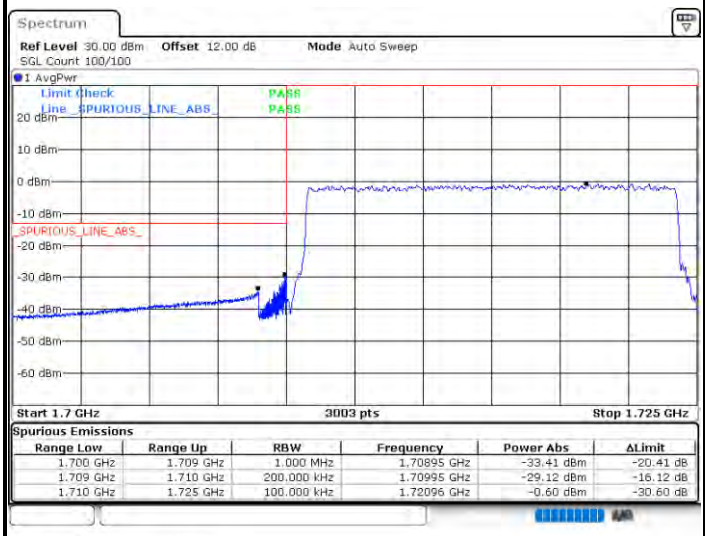
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75342 GHz	1.45 dBm	-28.55 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75514 GHz	-25.55 dBm	-12.55 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-25.81 dBm	-12.81 dB

Date: 25.DEC.2024 20:03:36

LTE Band 4 / 15MHz / 256QAM

Lowest Band Edge / Full RB

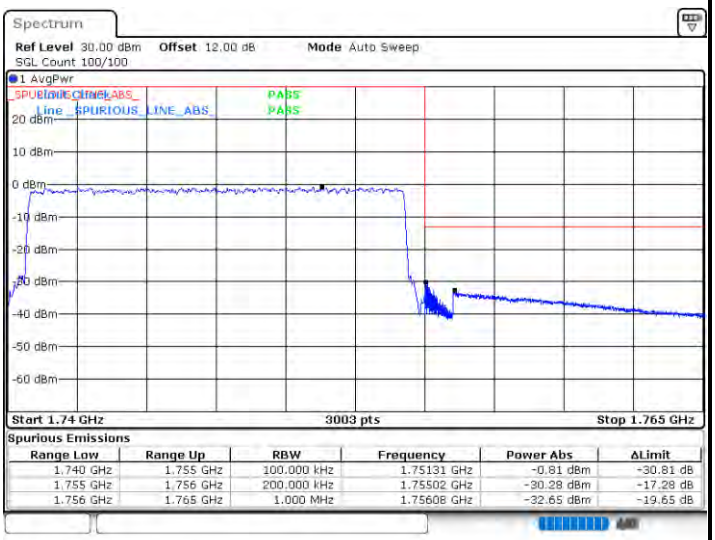


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-33.41 dBm	-20.41 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70995 GHz	-29.12 dBm	-16.12 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72096 GHz	-0.60 dBm	-30.60 dB

Date: 25.DEC.2024 20:00:08

Highest Band Edge / Full RB



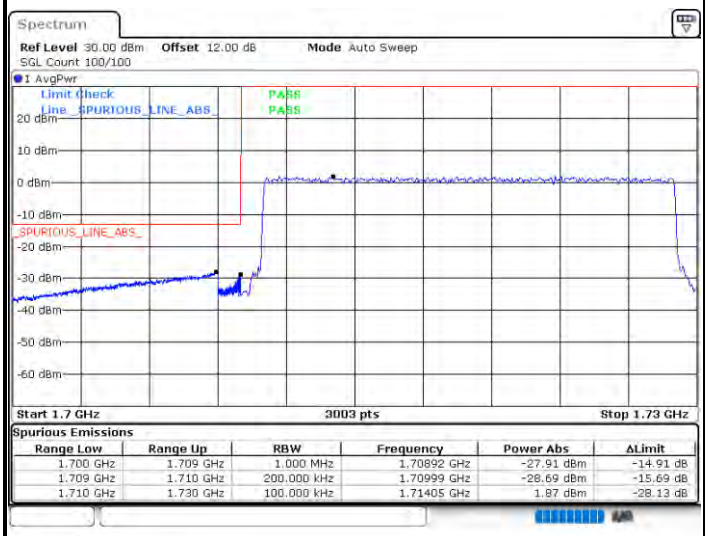
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75131 GHz	-0.81 dBm	-30.81 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75502 GHz	-30.28 dBm	-17.28 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75608 GHz	-32.65 dBm	-19.65 dB

Date: 25.DEC.2024 20:07:40

LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / Full RB

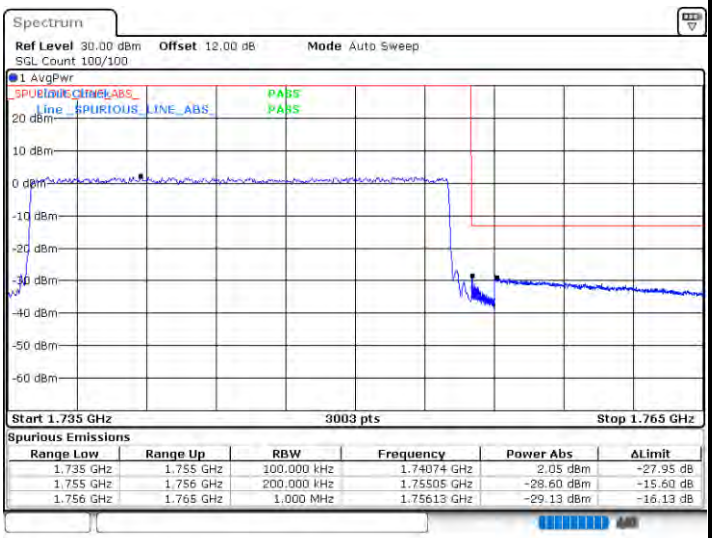


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-27.91 dBm	-14.91 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-28.69 dBm	-15.69 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71405 GHz	1.87 dBm	-28.13 dB

Date: 25.DEC.2024 20:10:07

Highest Band Edge / Full RB



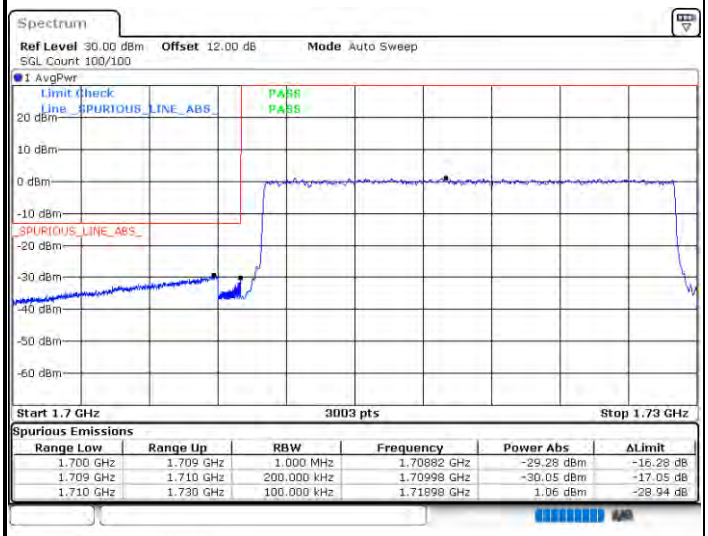
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.74074 GHz	2.05 dBm	-27.95 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75505 GHz	-28.60 dBm	-15.60 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75613 GHz	-29.13 dBm	-16.13 dB

Date: 25.DEC.2024 20:17:46

LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / Full RB

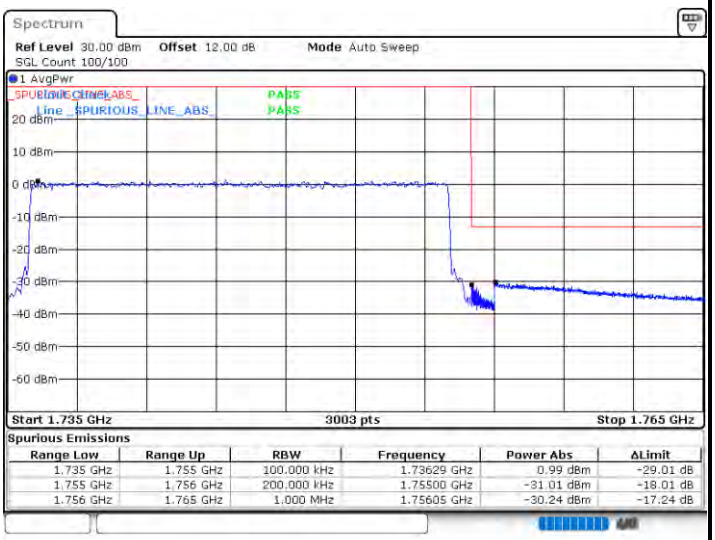


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-29.28 dBm	-16.28 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70998 GHz	-30.05 dBm	-17.05 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71898 GHz	1.06 dBm	-28.94 dB

Date: 25.DEC.2024 20:12:03

Highest Band Edge / Full RB



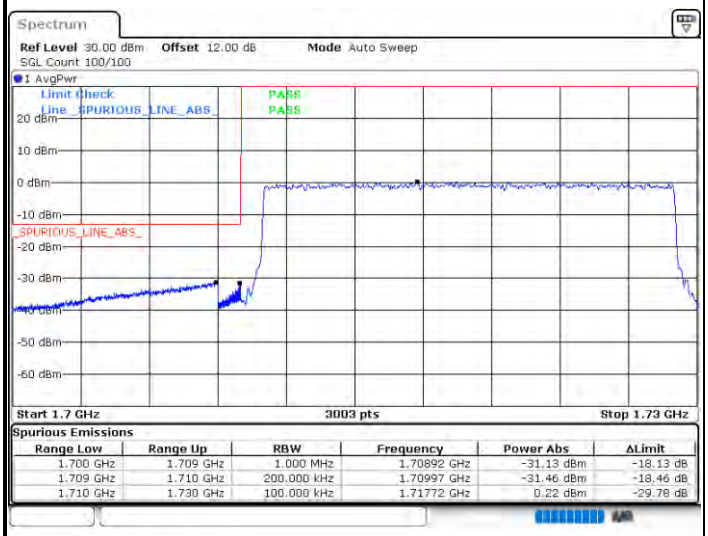
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73629 GHz	0.99 dBm	-29.01 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-31.01 dBm	-18.01 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75605 GHz	-30.24 dBm	-17.24 dB

Date: 25.DEC.2024 20:19:30

LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / Full RB

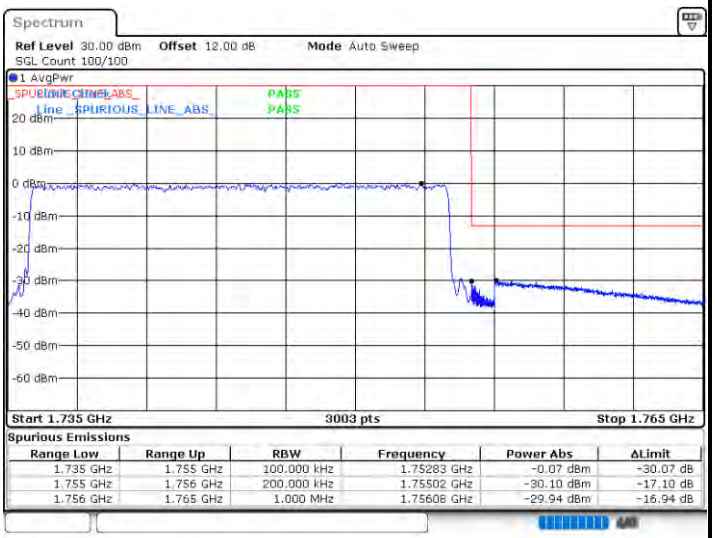


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-31.13 dBm	-18.13 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-31.46 dBm	-18.46 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71772 GHz	0.22 dBm	-29.78 dB

Date: 25.DEC.2024 20:14:08

Highest Band Edge / Full RB



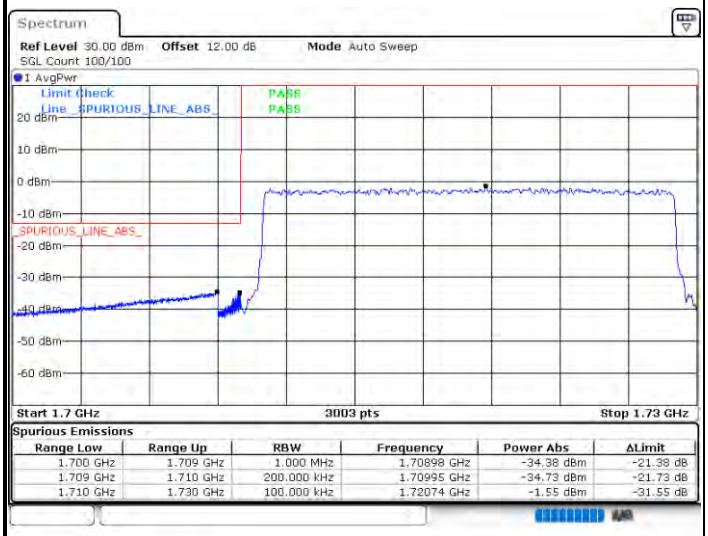
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75283 GHz	-0.07 dBm	-30.07 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75502 GHz	-30.10 dBm	-17.10 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75608 GHz	-29.94 dBm	-16.94 dB

Date: 25.DEC.2024 20:21:24

LTE Band 4 / 20MHz / 256QAM

Lowest Band Edge / Full RB

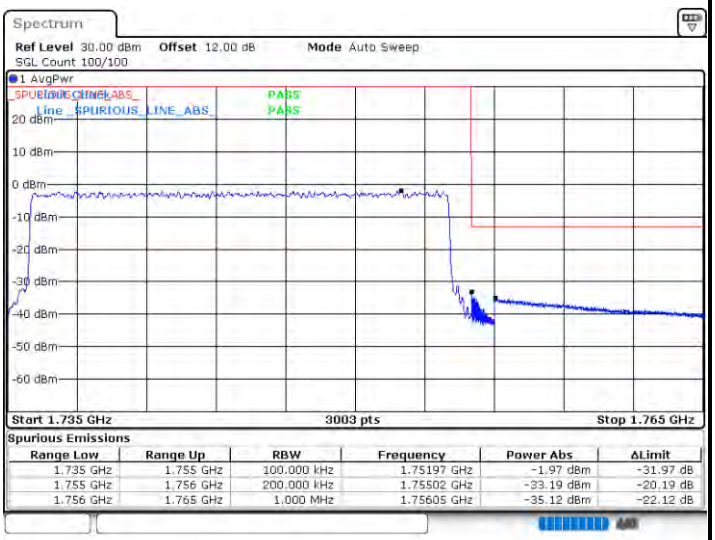


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-34.38 dBm	-21.38 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70995 GHz	-34.73 dBm	-21.73 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72074 GHz	-1.55 dBm	-31.55 dB

Date: 25.DEC.2024 20:15:56

Highest Band Edge / Full RB



Spurious Emissions

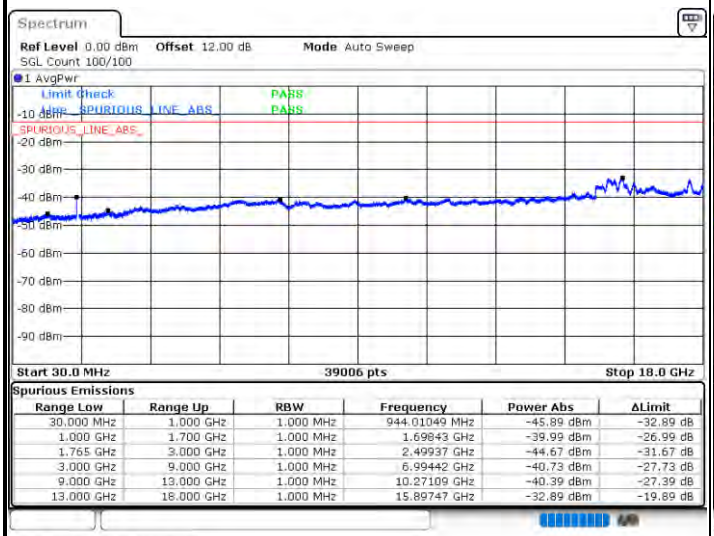
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75197 GHz	-1.97 dBm	-31.97 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75502 GHz	-33.19 dBm	-20.19 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75605 GHz	-35.12 dBm	-22.12 dB

Date: 25.DEC.2024 20:23:25

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

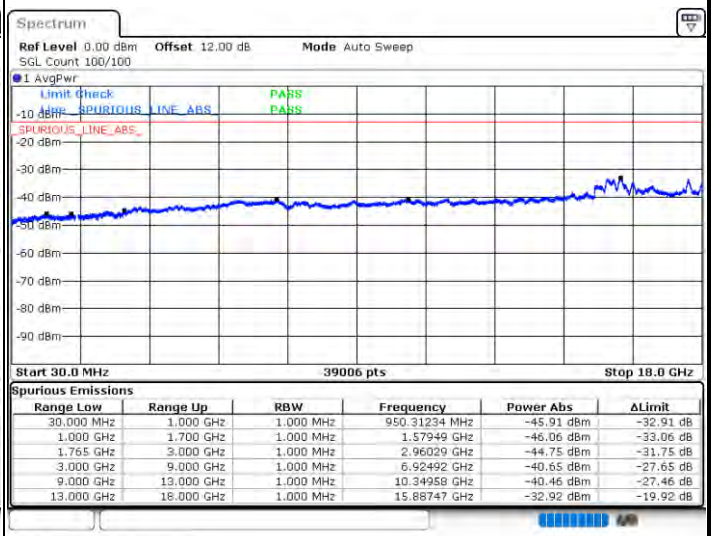


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-45.89 dBm	-32.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-39.99 dBm	-26.99 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49937 GHz	-44.67 dBm	-31.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-40.73 dBm	-27.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.27109 GHz	-40.39 dBm	-27.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89747 GHz	-32.89 dBm	-19.89 dB

Date: 25.DEC.2024 21:38:25

Middle Channel / QPSK

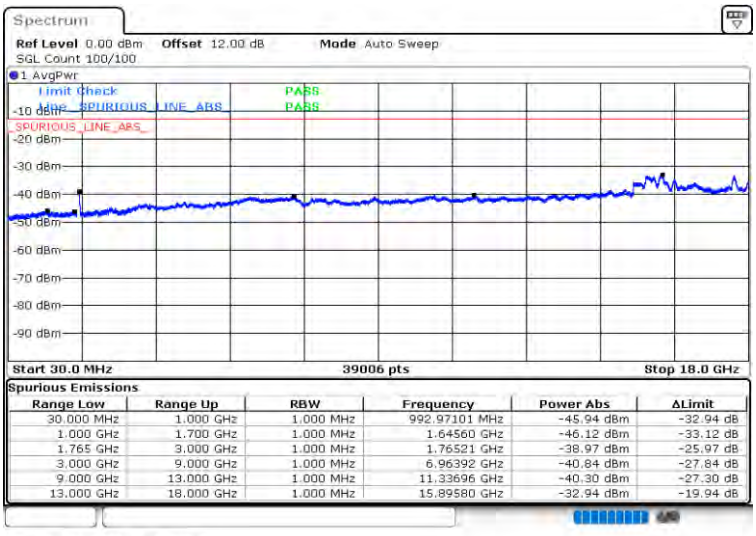


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-45.91 dBm	-32.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57949 GHz	-46.06 dBm	-33.06 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96029 GHz	-44.75 dBm	-31.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92492 GHz	-40.65 dBm	-27.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.34958 GHz	-40.46 dBm	-27.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.88747 GHz	-32.92 dBm	-19.92 dB

Date: 25.DEC.2024 21:41:20

Highest Channel / QPSK



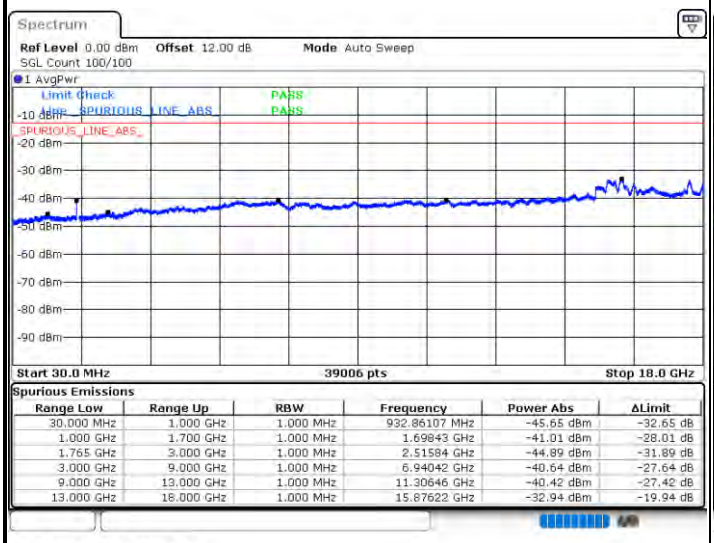
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-45.94 dBm	-32.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64560 GHz	-46.12 dBm	-33.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-38.97 dBm	-25.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96392 GHz	-40.84 dBm	-27.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.33696 GHz	-40.30 dBm	-27.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89580 GHz	-32.94 dBm	-19.94 dB

Date: 25.DEC.2024 21:43:21

LTE Band 4 / 3MHz

Lowest Channel / QPSK

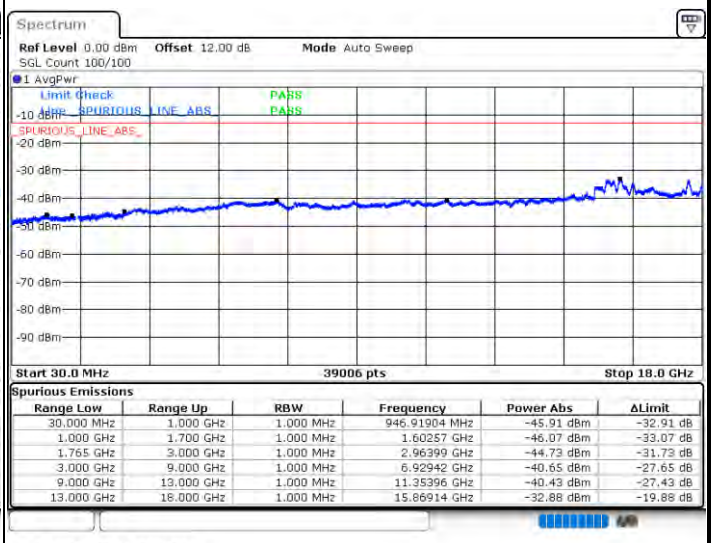


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-41.01 dBm	-28.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51584 GHz	-44.89 dBm	-31.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94042 GHz	-40.64 dBm	-27.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.30646 GHz	-40.42 dBm	-27.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87622 GHz	-32.94 dBm	-19.94 dB

Date: 25.DEC.2024 21:45:35

Middle Channel / QPSK

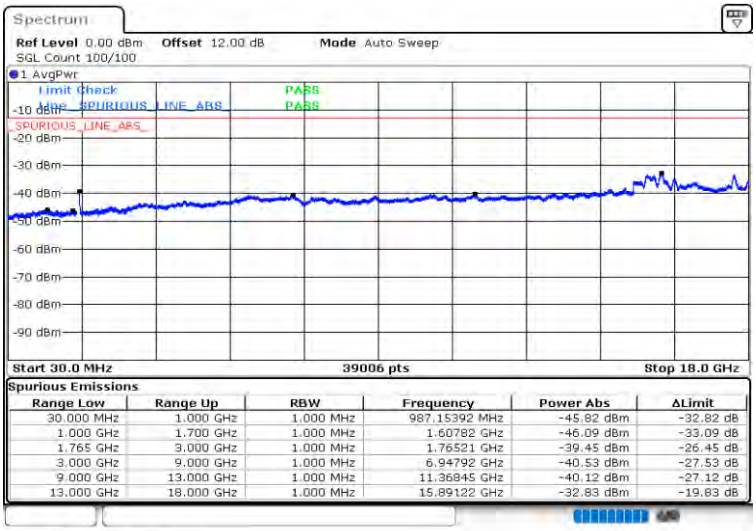


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-45.91 dBm	-32.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60257 GHz	-46.07 dBm	-33.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96399 GHz	-44.73 dBm	-31.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92942 GHz	-40.65 dBm	-27.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.35396 GHz	-40.43 dBm	-27.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.86914 GHz	-32.88 dBm	-19.88 dB

Date: 25.DEC.2024 21:47:31

Highest Channel / QPSK



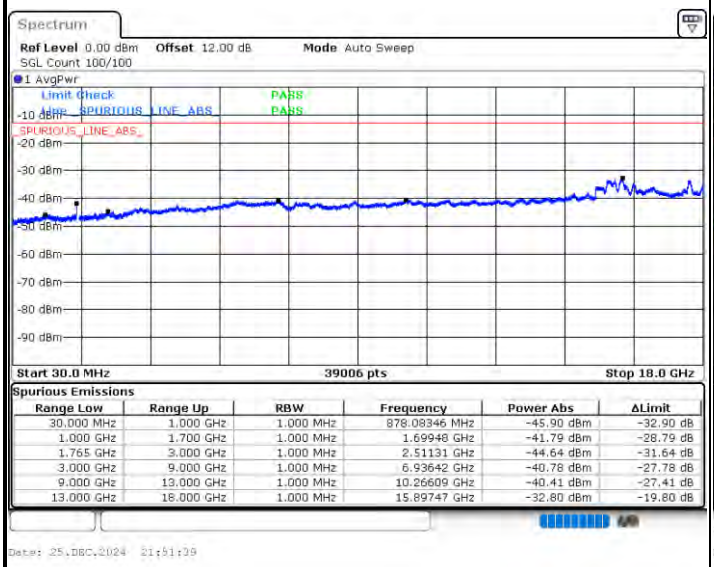
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-45.82 dBm	-32.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60782 GHz	-46.09 dBm	-33.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-39.45 dBm	-26.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94792 GHz	-40.53 dBm	-27.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.36845 GHz	-40.12 dBm	-27.12 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89122 GHz	-32.83 dBm	-19.83 dB

Date: 25.DEC.2024 21:49:34

LTE Band 4 / 5MHz

Lowest Channel / QPSK

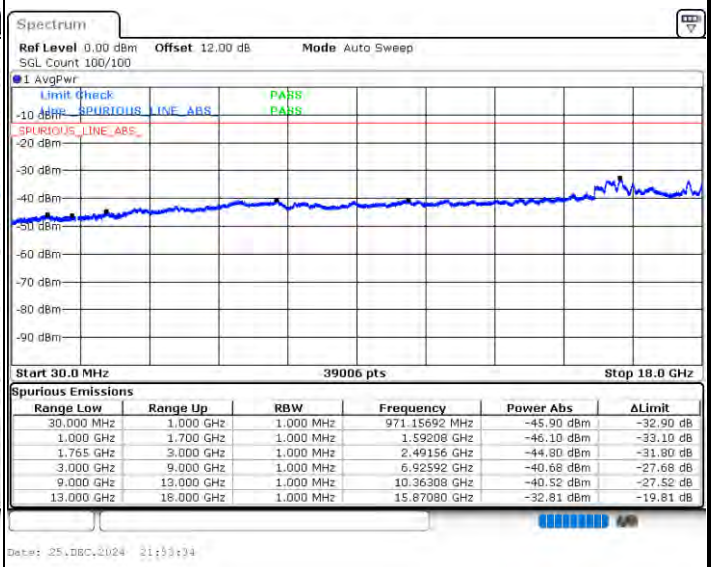


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.08346 MHz	-45.90 dBm	-32.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-41.79 dBm	-28.79 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51131 GHz	-44.64 dBm	-31.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93642 GHz	-40.78 dBm	-27.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.26609 GHz	-40.41 dBm	-27.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89747 GHz	-32.80 dBm	-19.80 dB

Date: 25.DEC.2024 21:51:29

Middle Channel / QPSK

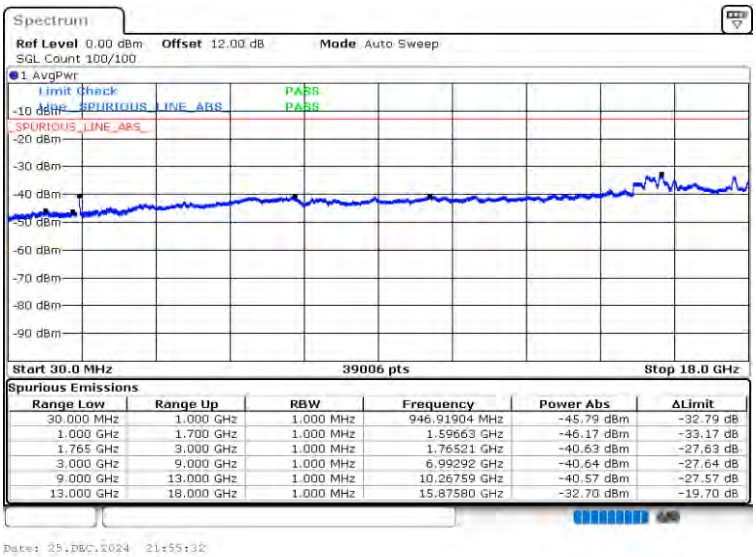


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-45.90 dBm	-32.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59208 GHz	-46.10 dBm	-33.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49156 GHz	-44.80 dBm	-31.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92592 GHz	-40.68 dBm	-27.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.36308 GHz	-40.52 dBm	-27.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87080 GHz	-32.81 dBm	-19.81 dB

Date: 25.DEC.2024 21:53:34

Highest Channel / QPSK



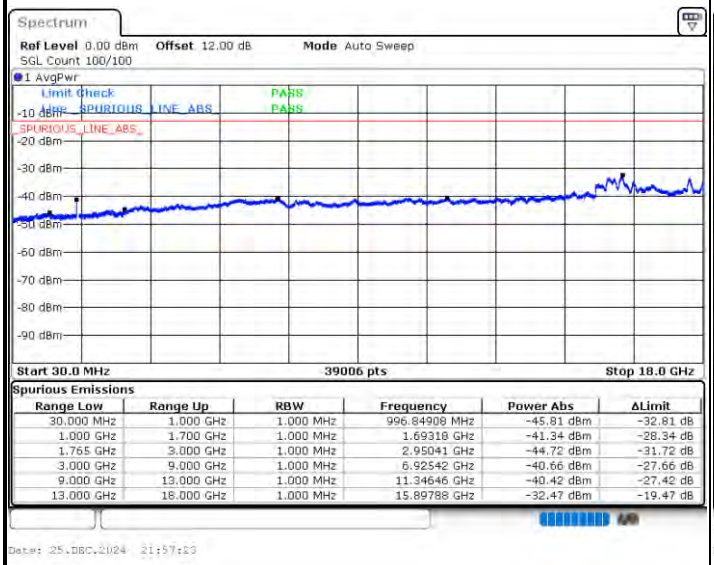
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-45.79 dBm	-32.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59663 GHz	-46.17 dBm	-33.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-40.63 dBm	-27.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-40.64 dBm	-27.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.26759 GHz	-40.57 dBm	-27.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87580 GHz	-32.70 dBm	-19.70 dB

Date: 25.DEC.2024 21:55:32

LTE Band 4 / 10MHz

Lowest Channel / QPSK

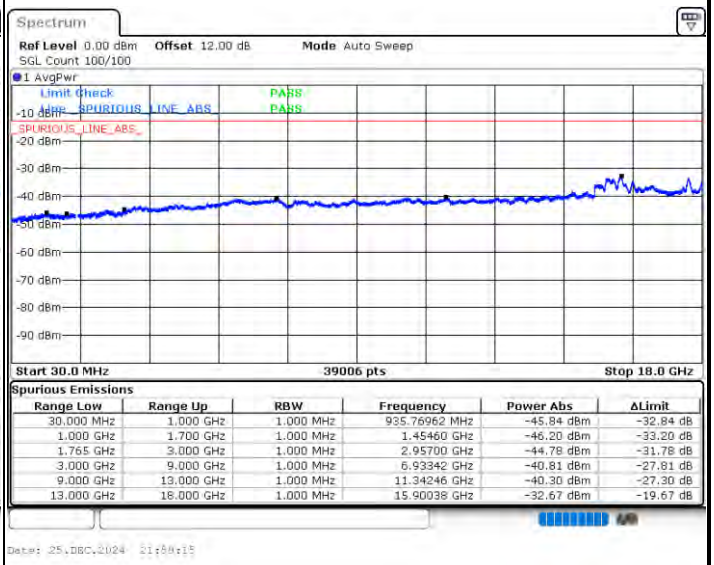


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-45.81 dBm	-32.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-41.34 dBm	-28.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95041 GHz	-44.72 dBm	-31.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92542 GHz	-40.66 dBm	-27.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34646 GHz	-40.42 dBm	-27.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89788 GHz	-32.47 dBm	-19.47 dB

Date: 25.DEC.2024 21:57:23

Middle Channel / QPSK

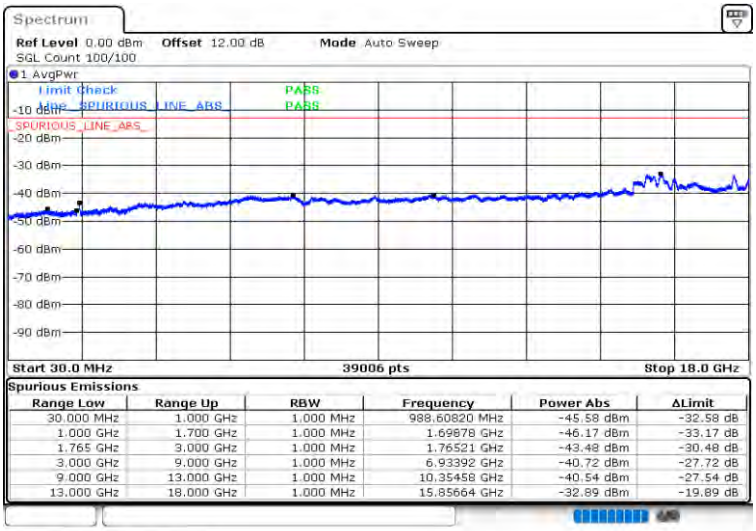


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.76962 MHz	-45.84 dBm	-32.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45460 GHz	-46.20 dBm	-33.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95700 GHz	-44.78 dBm	-31.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93342 GHz	-40.81 dBm	-27.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34246 GHz	-40.30 dBm	-27.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90038 GHz	-32.67 dBm	-19.67 dB

Date: 25.DEC.2024 21:58:15

Highest Channel / QPSK



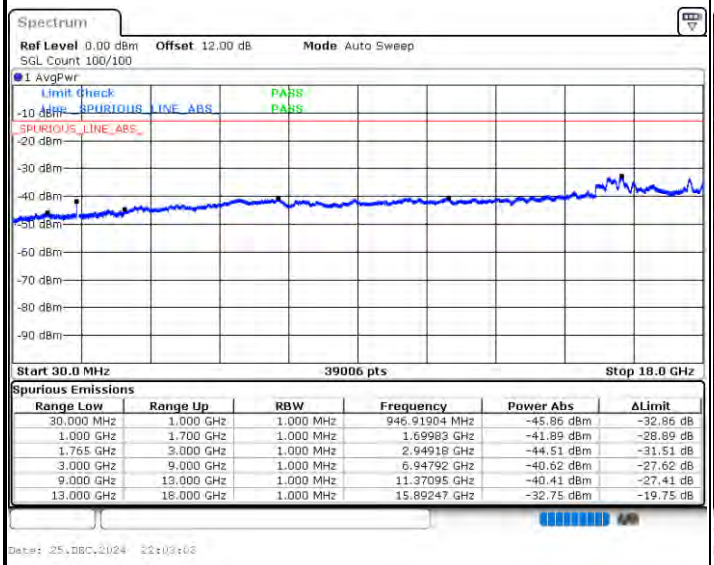
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-46.17 dBm	-33.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-43.48 dBm	-30.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93392 GHz	-40.72 dBm	-27.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.35458 GHz	-40.54 dBm	-27.54 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.85664 GHz	-32.89 dBm	-19.89 dB

Date: 25.DEC.2024 22:01:10

LTE Band 4 / 15MHz

Lowest Channel / QPSK

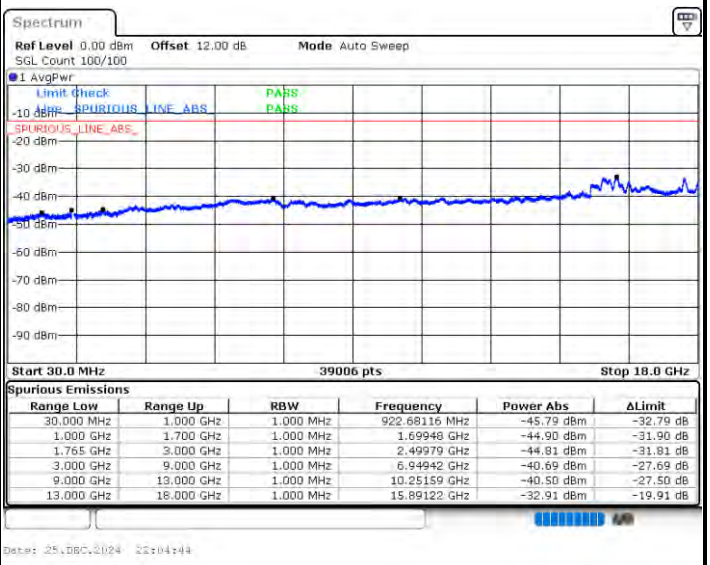


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-45.86 dBm	-32.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-41.89 dBm	-28.89 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94918 GHz	-44.51 dBm	-31.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94792 GHz	-40.62 dBm	-27.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.37095 GHz	-40.41 dBm	-27.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89247 GHz	-32.75 dBm	-19.75 dB

Date: 25.DEC.2024 22:03:02

Middle Channel / QPSK

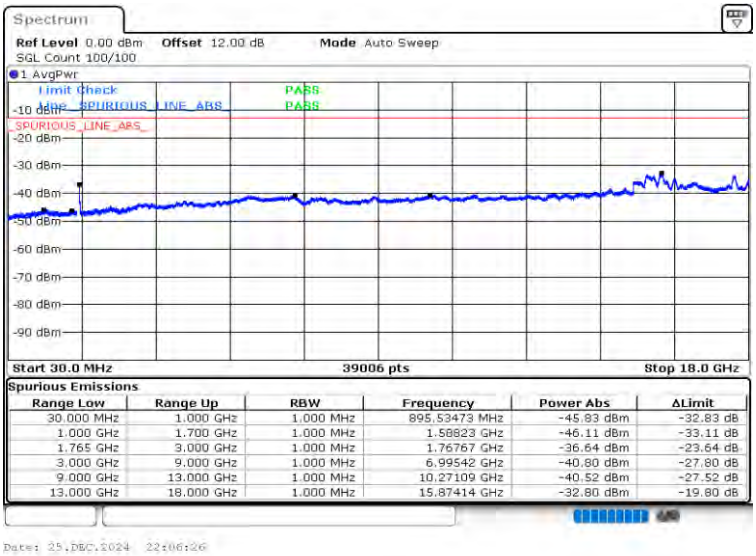


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-45.79 dBm	-32.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-44.90 dBm	-31.90 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49979 GHz	-44.81 dBm	-31.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94942 GHz	-40.69 dBm	-27.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.25159 GHz	-40.50 dBm	-27.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89122 GHz	-32.91 dBm	-19.91 dB

Date: 25.DEC.2024 22:04:44

Highest Channel / QPSK



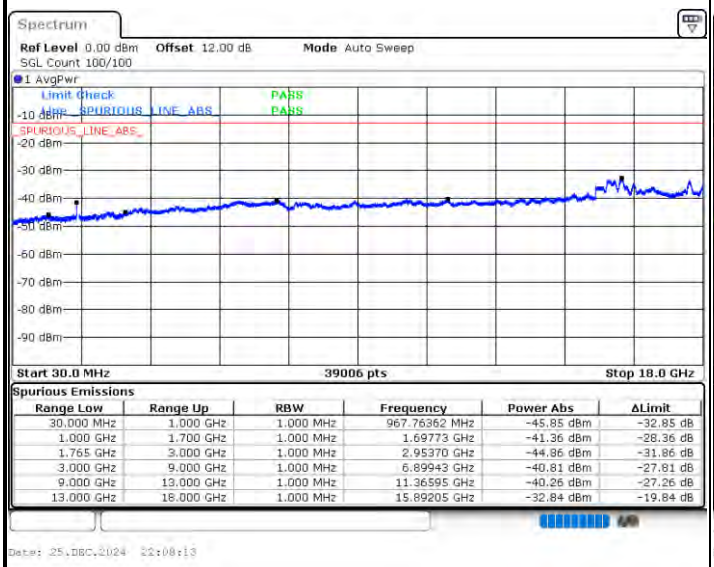
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.53473 MHz	-45.83 dBm	-32.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58823 GHz	-46.11 dBm	-33.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-36.64 dBm	-23.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-40.80 dBm	-27.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.27109 GHz	-40.52 dBm	-27.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87414 GHz	-32.80 dBm	-19.80 dB

Date: 25.DEC.2024 22:06:26

LTE Band 4 / 20MHz

Lowest Channel / QPSK

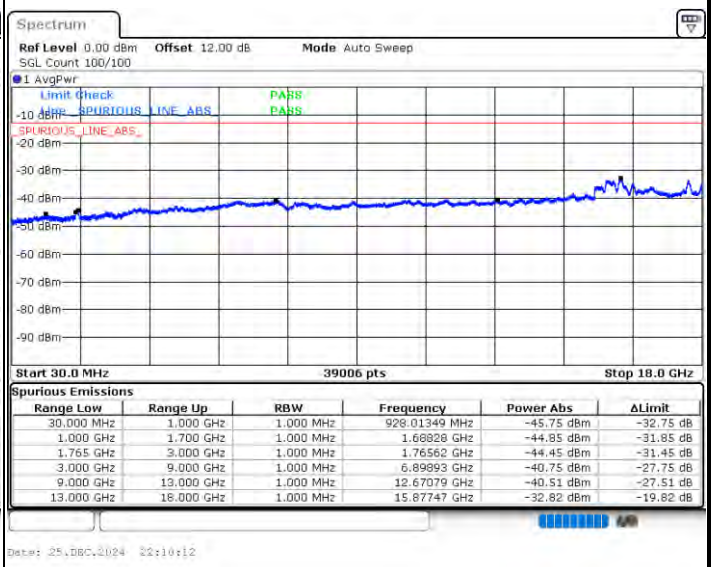


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-45.85 dBm	-32.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-41.36 dBm	-28.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95370 GHz	-44.86 dBm	-31.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89943 GHz	-40.81 dBm	-27.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.36595 GHz	-40.26 dBm	-27.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89205 GHz	-32.84 dBm	-19.84 dB

Date: 25.DEC.2024 22:08:13

Middle Channel / QPSK

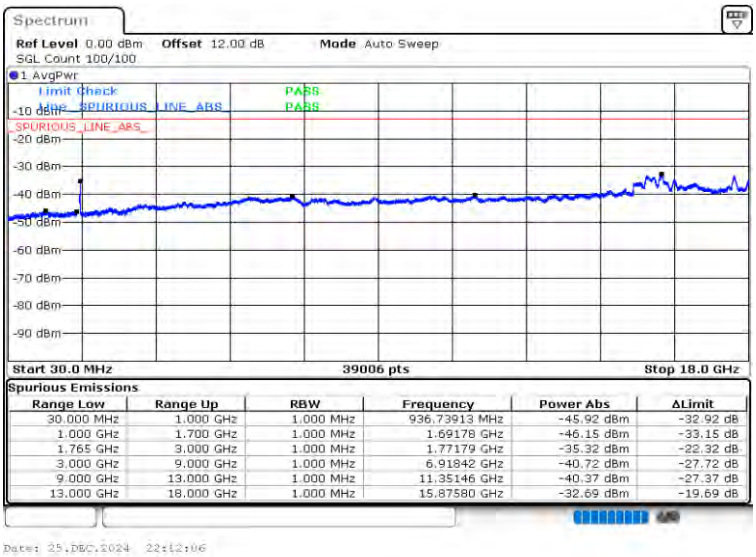


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-45.75 dBm	-32.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-44.85 dBm	-31.85 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76562 GHz	-44.45 dBm	-31.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89893 GHz	-40.75 dBm	-27.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67079 GHz	-40.51 dBm	-27.51 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87747 GHz	-32.82 dBm	-19.82 dB

Date: 25.DEC.2024 22:10:12

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-45.92 dBm	-32.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69178 GHz	-46.15 dBm	-33.15 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-35.32 dBm	-22.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91842 GHz	-40.72 dBm	-27.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.35146 GHz	-40.37 dBm	-27.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87580 GHz	-32.69 dBm	-19.69 dB

Date: 25.DEC.2024 22:12:06

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0016	

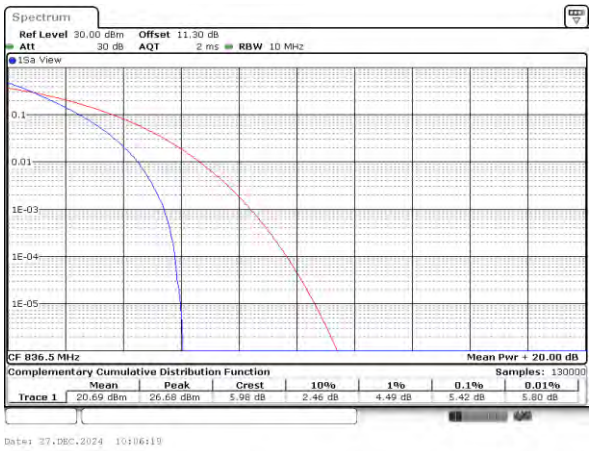
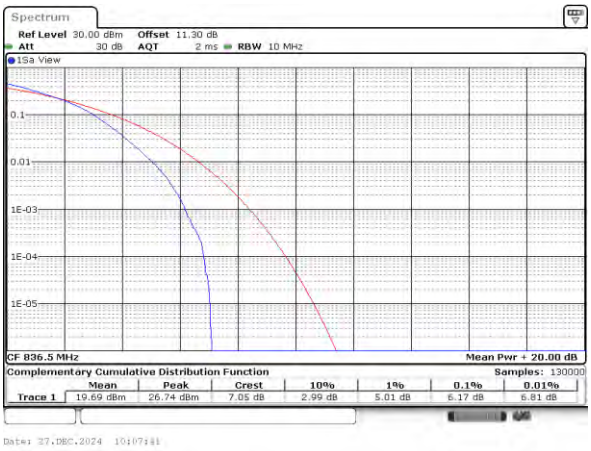
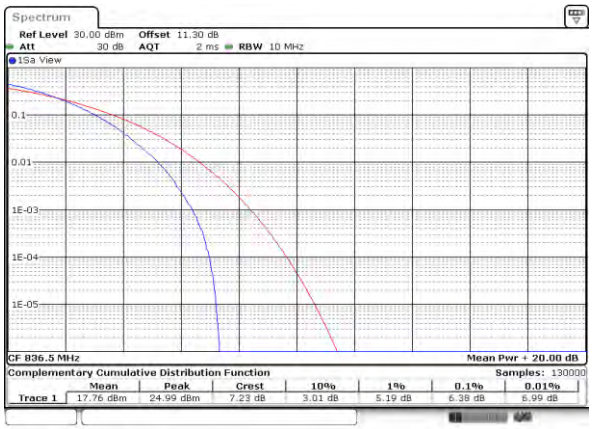
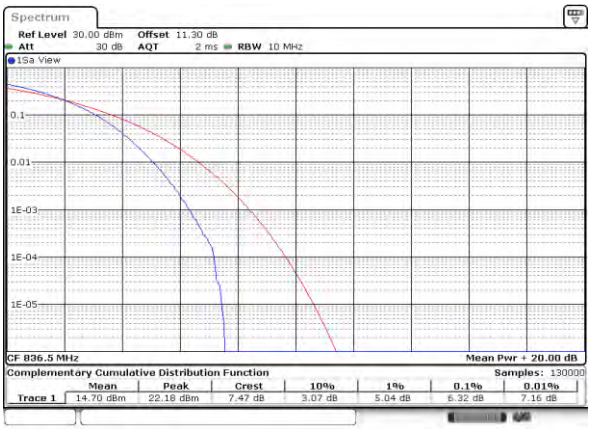
Note:

1. Normal Voltage = 3.89 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.42	6.17	6.38	6.32	PASS

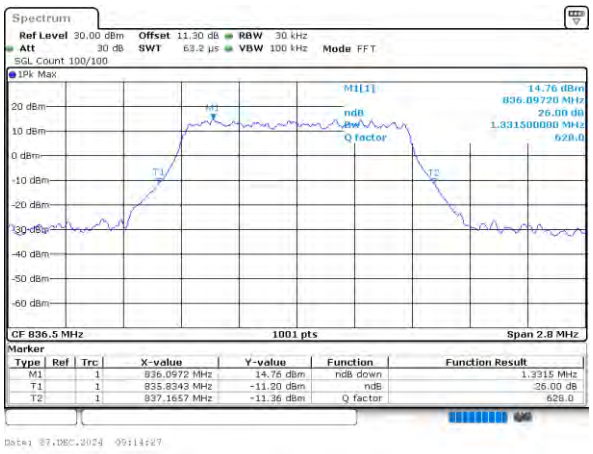
LTE Band 5 / 10MHz / QPSK	LTE Band 5 / 10MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 5 / 10MHz / 64QAM	LTE Band 5 / 10MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

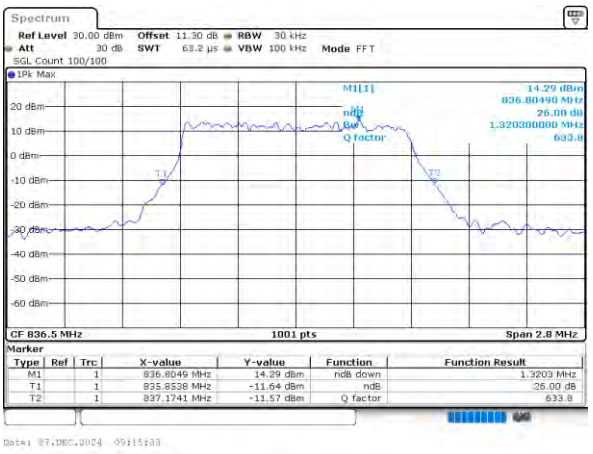
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.33	1.32	3.23	3.05	5.05	5.15	10.25	10.07	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.32	1.29	3.14	3.09	5.19	5.17	10.17	10.50	-	-	-	-

LTE Band 5

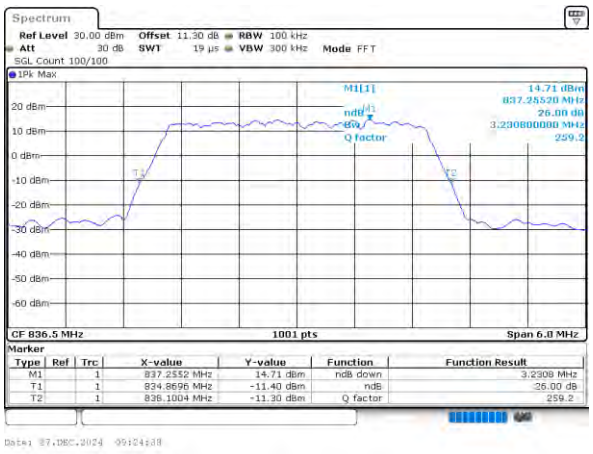
Middle Channel / 1.4MHz / QPSK



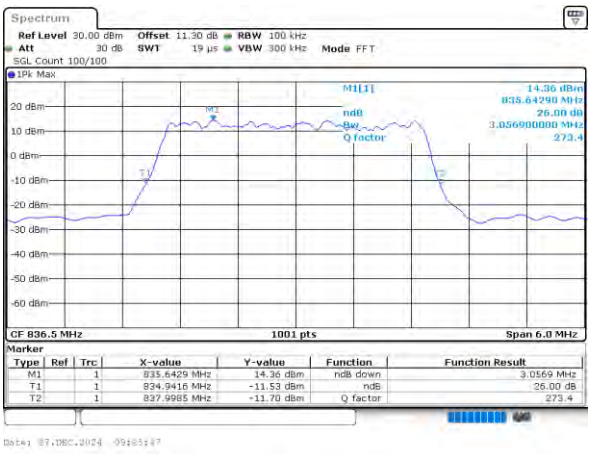
Middle Channel / 1.4MHz / 16QAM



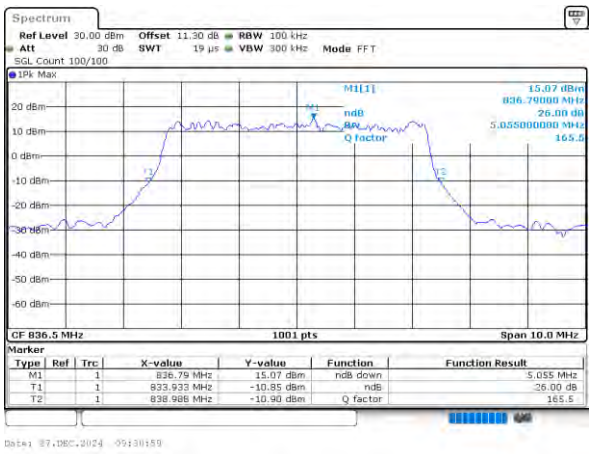
Middle Channel / 3MHz / QPSK



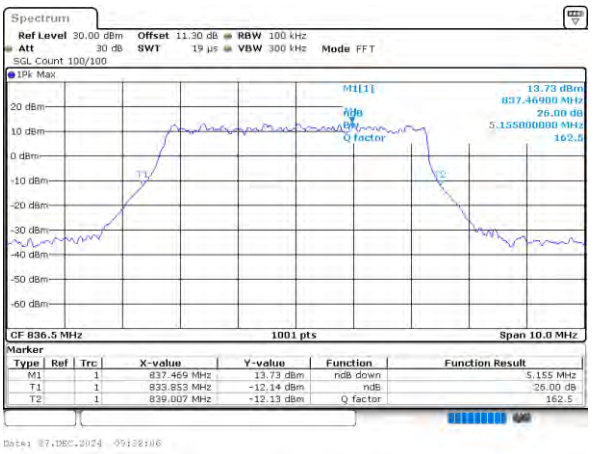
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

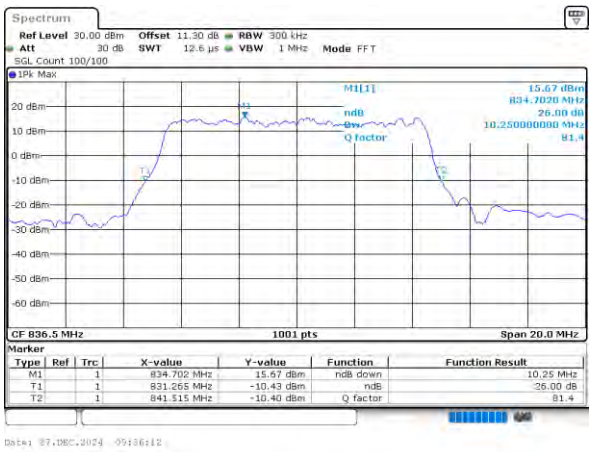


Middle Channel / 5MHz / 16QAM

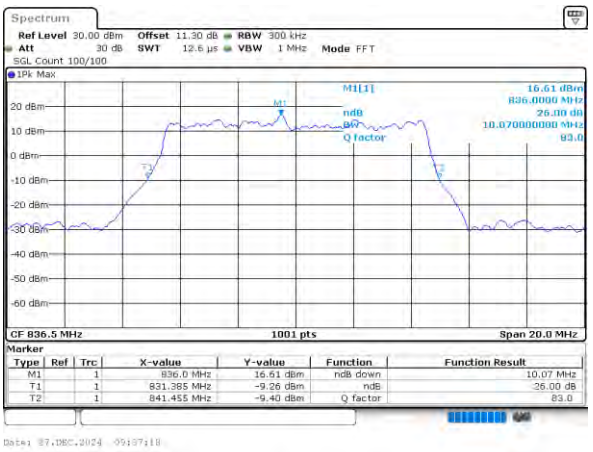


LTE Band 5

Middle Channel / 10MHz / QPSK

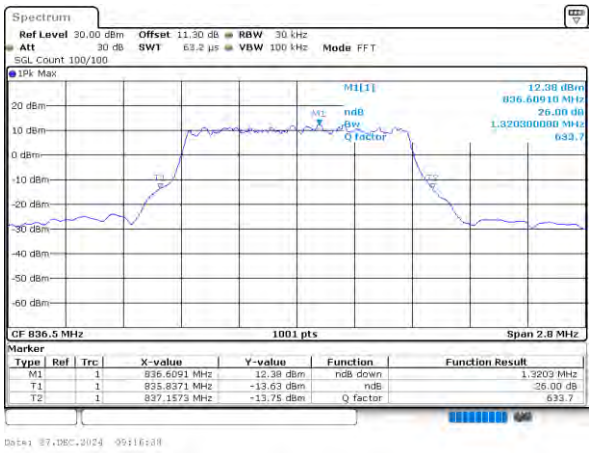


Middle Channel / 10MHz / 16QAM

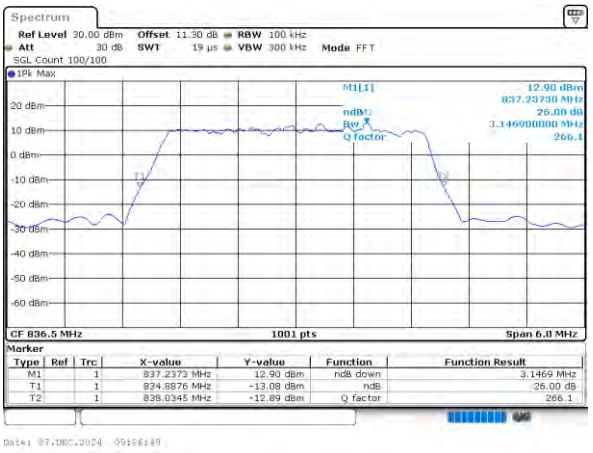


LTE Band 5

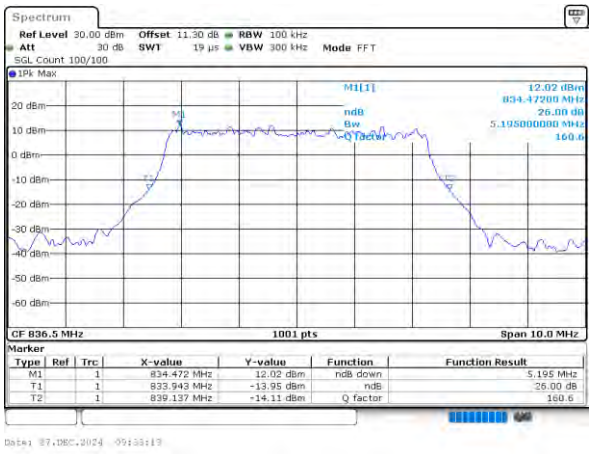
Middle Channel / 1.4MHz / 64QAM



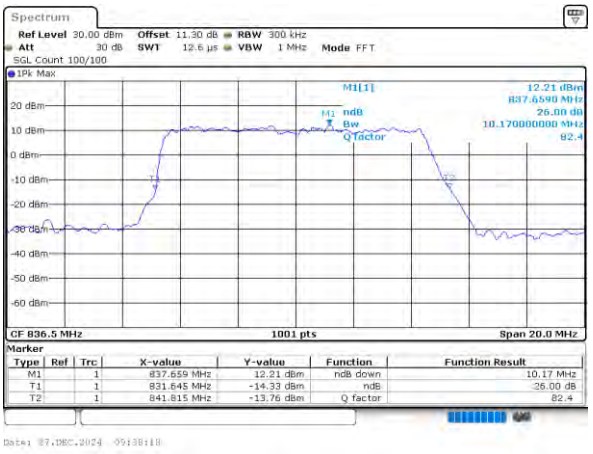
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM

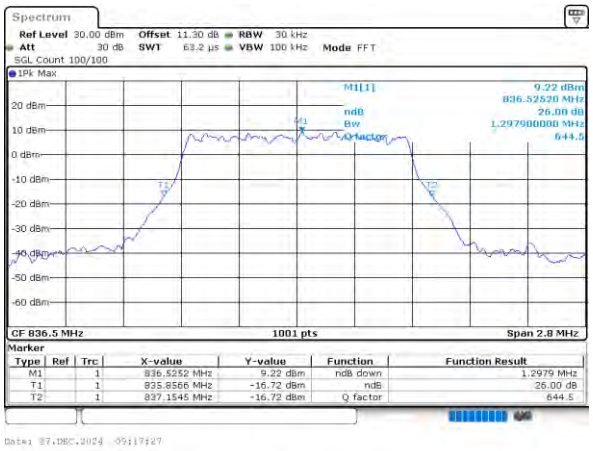


Middle Channel / 10MHz / 64QAM

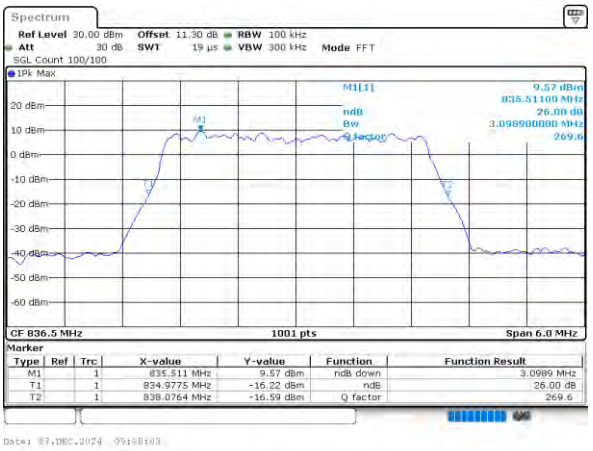


LTE Band 5

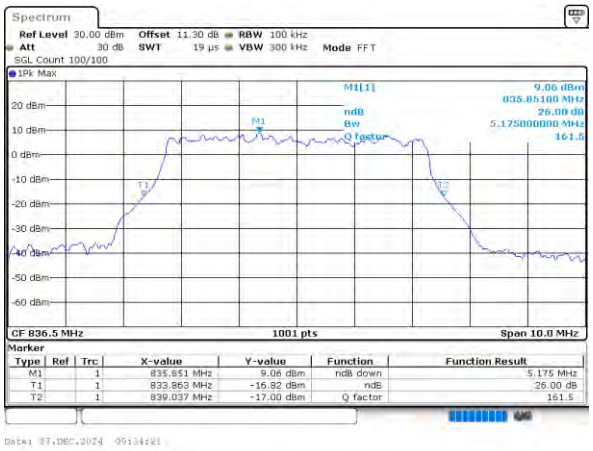
Middle Channel / 1.4MHz / 256QAM



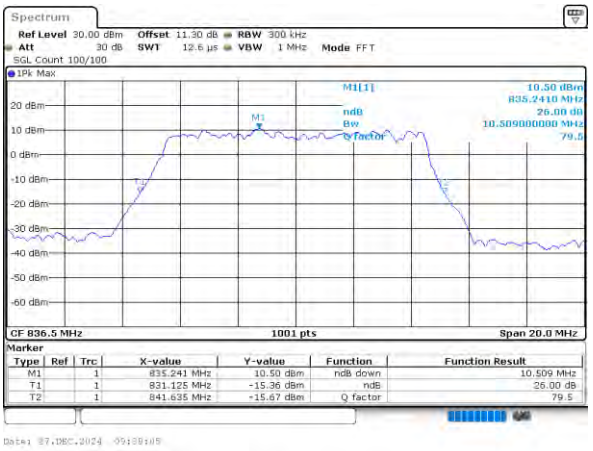
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

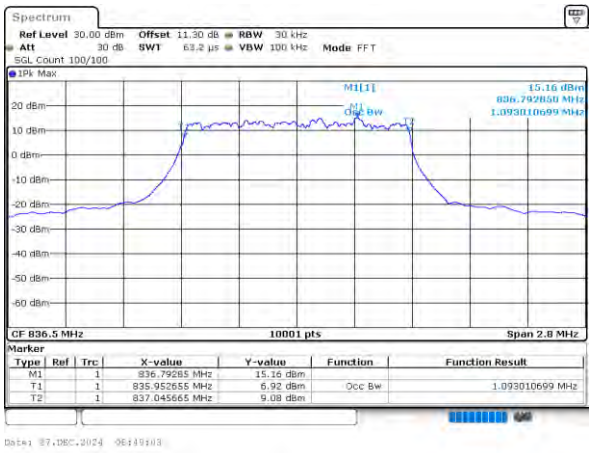


Occupied Bandwidth

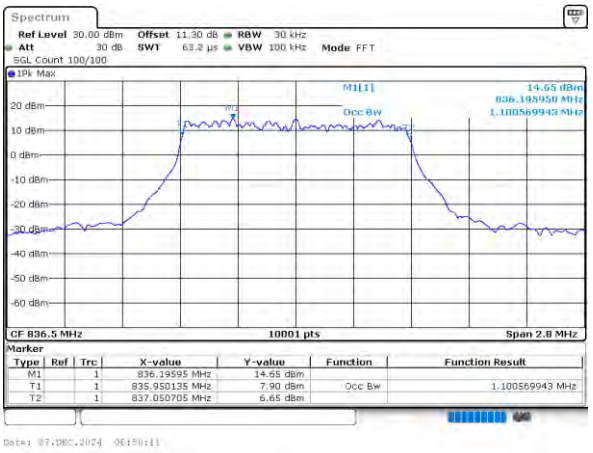
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.72	2.73	4.50	4.47	9.02	9.00	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.74	2.73	4.50	4.51	8.99	9.03	-	-	-	-

LTE Band 5

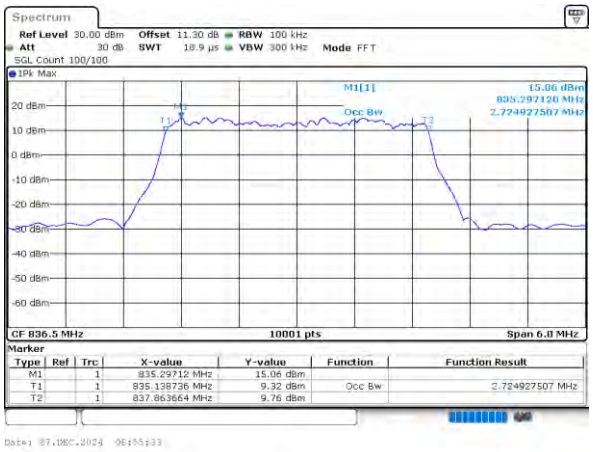
Middle Channel / 1.4MHz / QPSK



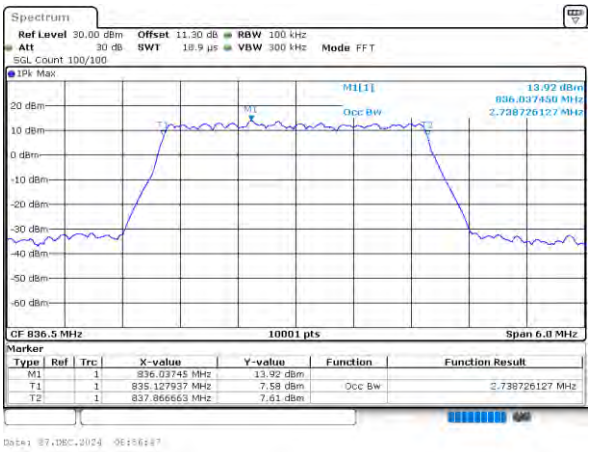
Middle Channel / 1.4MHz / 16QAM



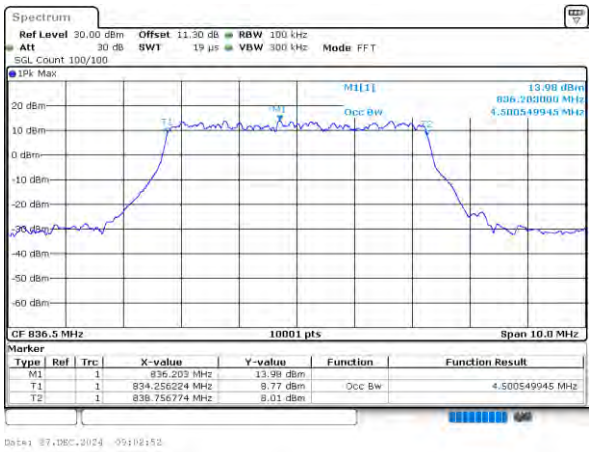
Middle Channel / 3MHz / QPSK



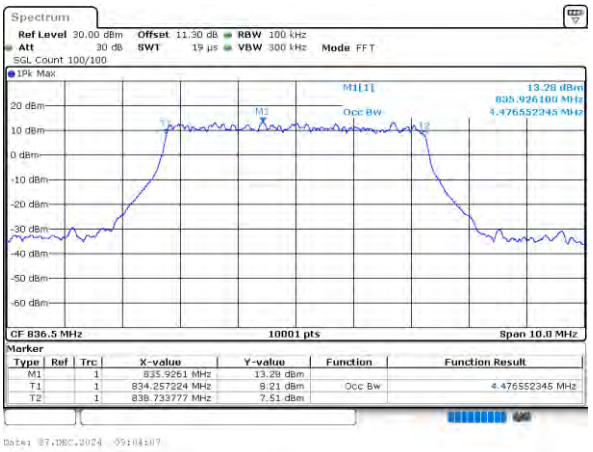
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

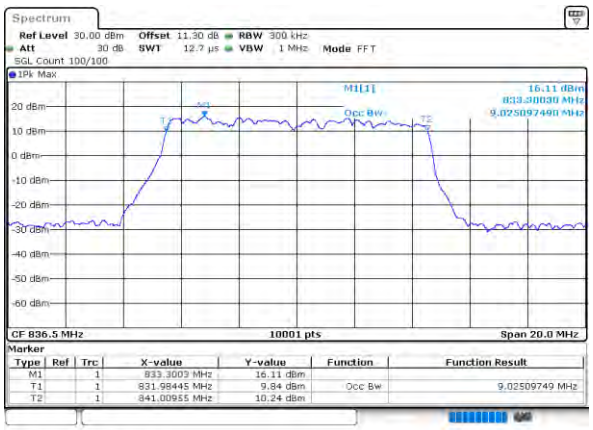


Middle Channel / 5MHz / 16QAM

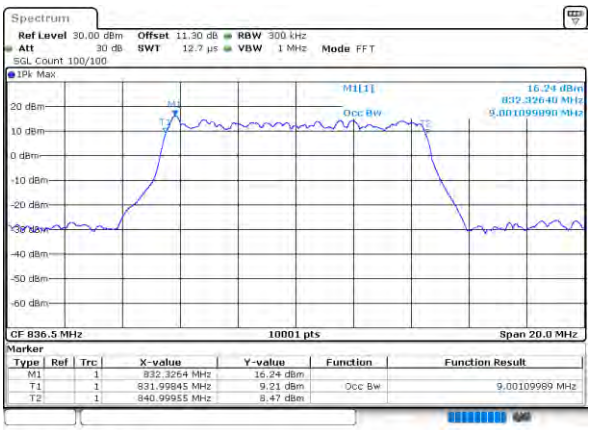


LTE Band 5

Middle Channel / 10MHz / QPSK

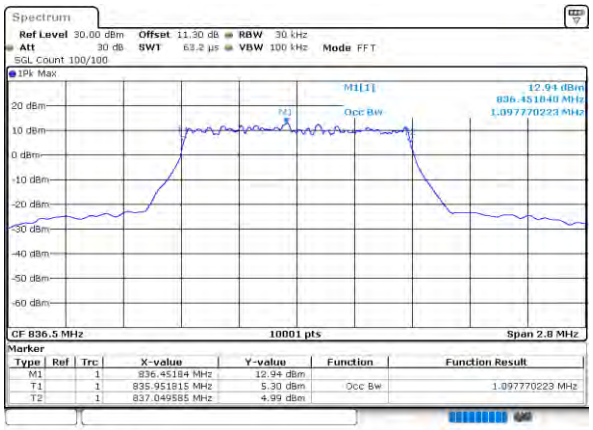


Middle Channel / 10MHz / 16QAM

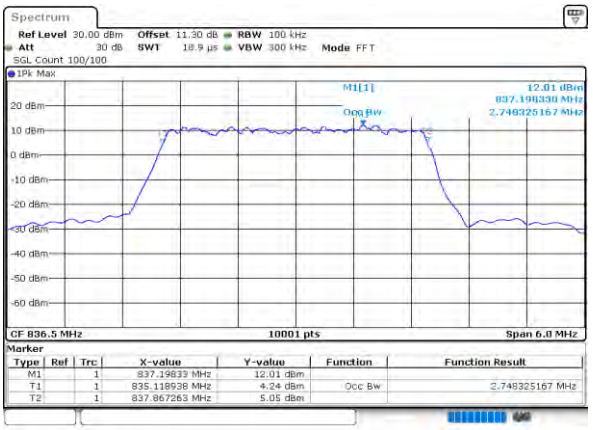


LTE Band 5

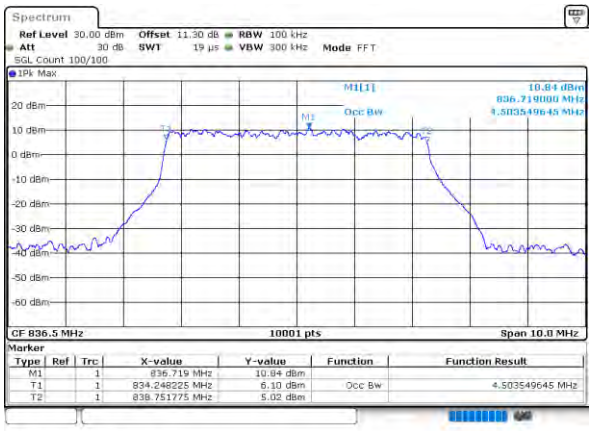
Middle Channel / 1.4MHz / 64QAM



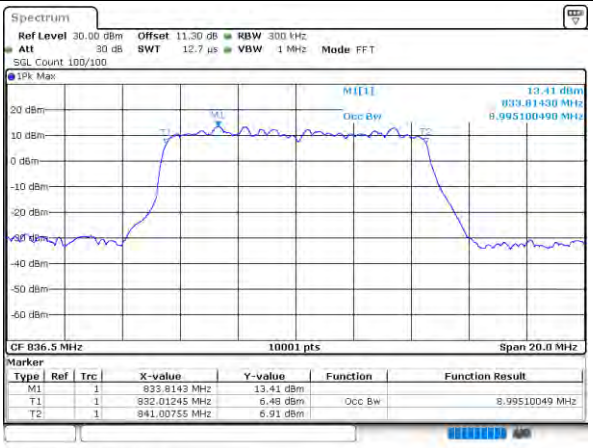
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM

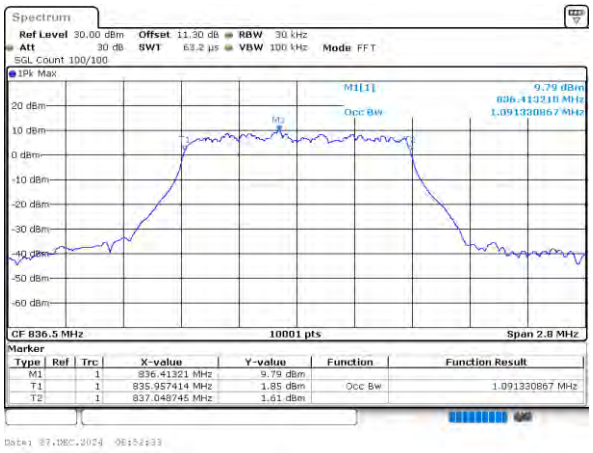


Middle Channel / 10MHz / 64QAM

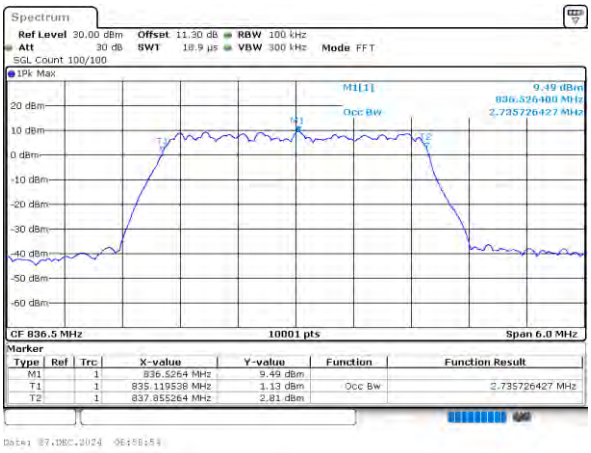


LTE Band 5

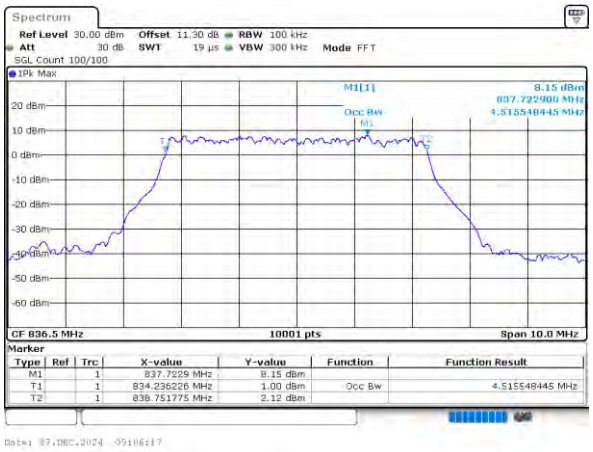
Middle Channel / 1.4MHz / 256QAM



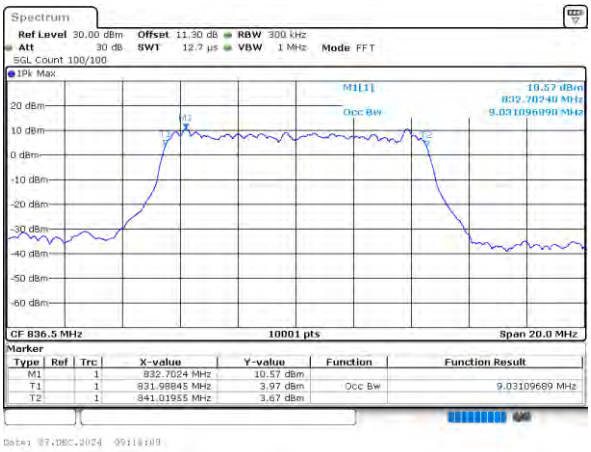
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



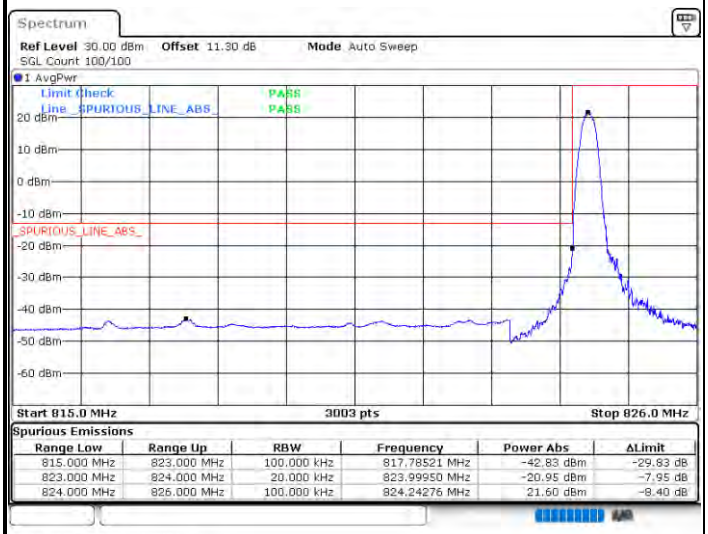
Middle Channel / 10MHz / 256QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

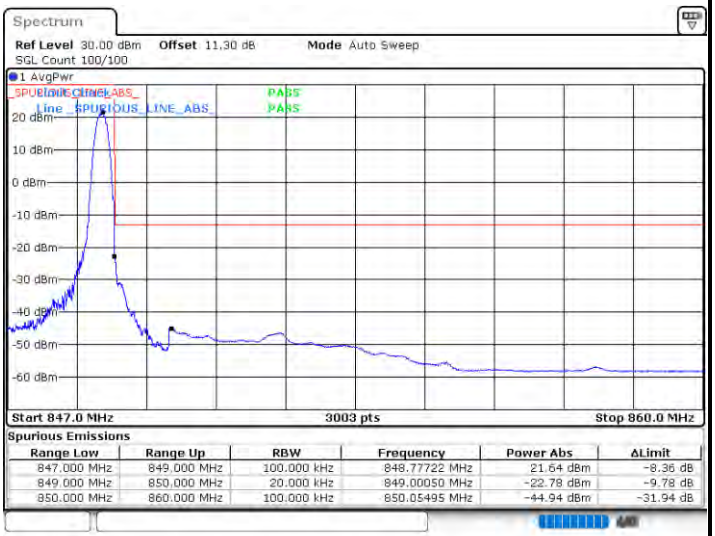


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	817.78521 MHz	-42.83 dBm	-29.83 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-20.95 dBm	-7.95 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24276 MHz	21.60 dBm	-8.40 dB

Date: 26.DEC.2024 23:42:35

Highest Band Edge / 1RB

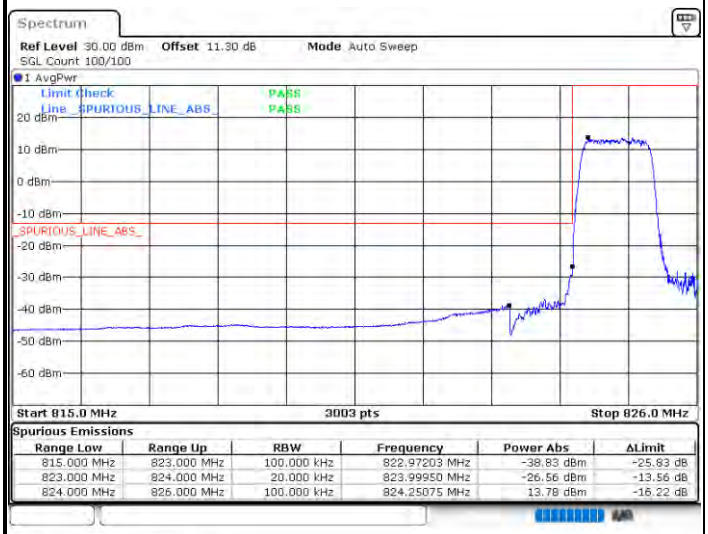


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.77722 MHz	21.64 dBm	-8.36 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-22.78 dBm	-9.78 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-44.94 dBm	-31.94 dB

Date: 26.DEC.2024 23:57:32

Lowest Band Edge / Full RB

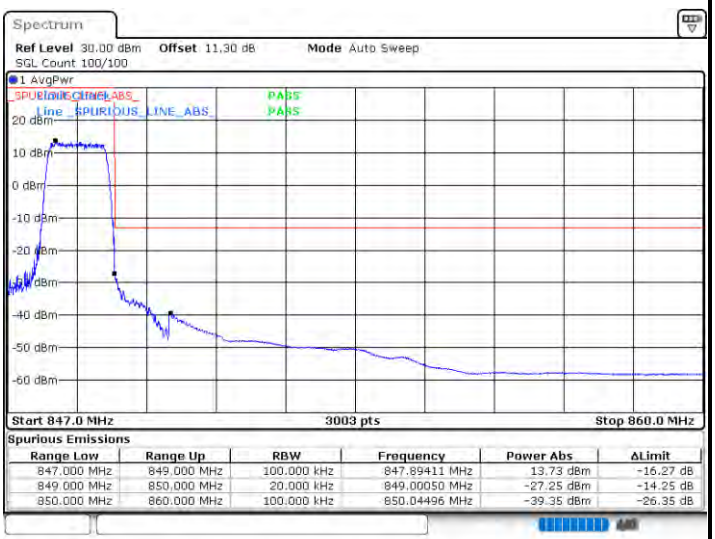


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-38.83 dBm	-25.83 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-26.56 dBm	-13.56 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.25075 MHz	13.78 dBm	-16.22 dB

Date: 26.DEC.2024 23:49:55

Highest Band Edge / Full RB



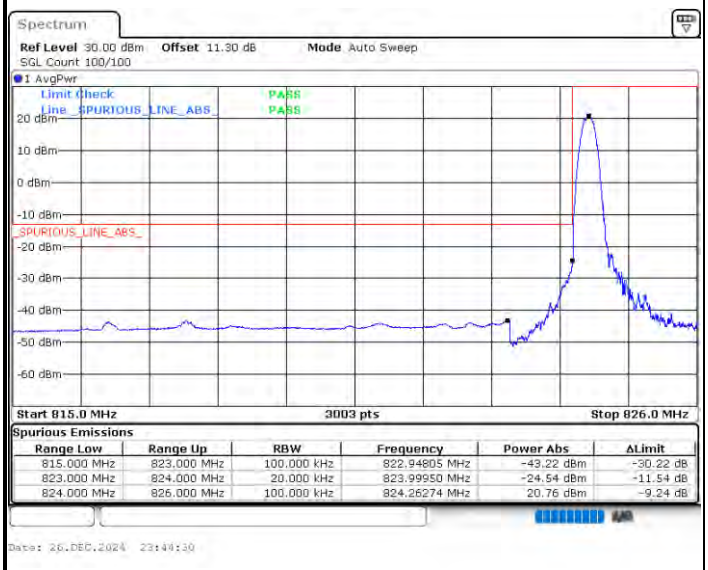
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.89411 MHz	13.73 dBm	-16.27 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-27.25 dBm	-14.25 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-39.35 dBm	-26.35 dB

Date: 27.DEC.2024 00:04:41

LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

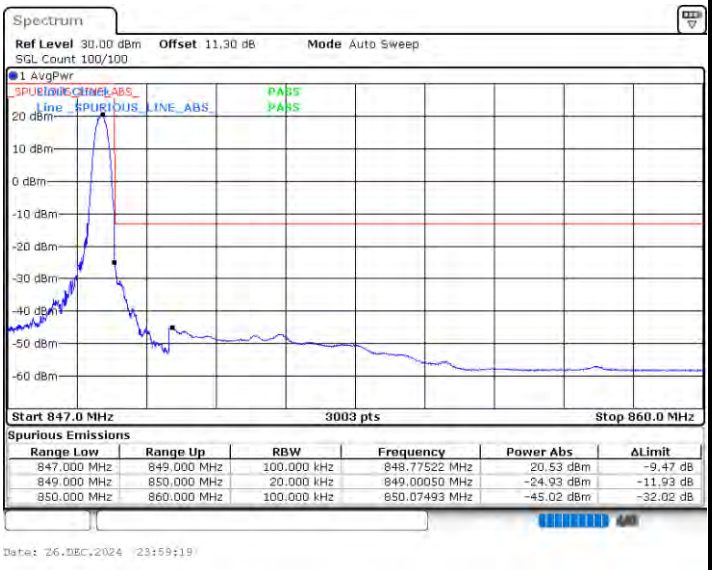


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94805 MHz	-43.22 dBm	-30.22 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-24.54 dBm	-11.54 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.26274 MHz	20.76 dBm	-9.24 dB

Date: 26.DEC.2024 23:44:30

Highest Band Edge / 1 RB

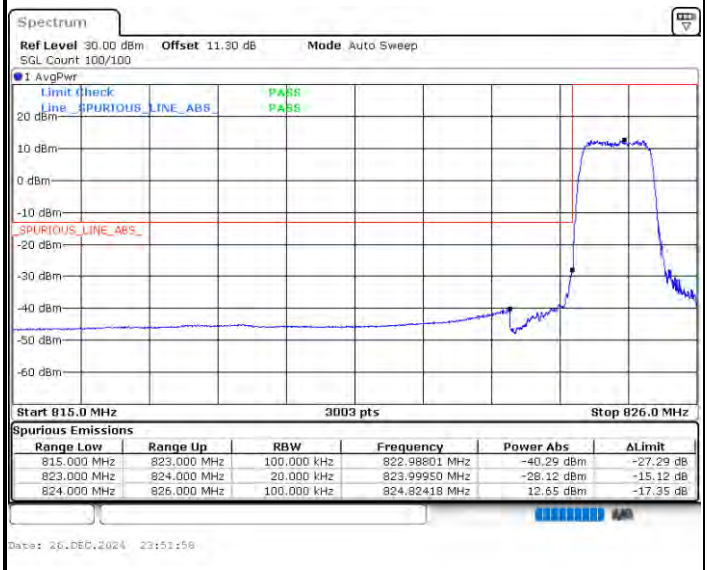


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.77522 MHz	20.53 dBm	-9.47 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-24.93 dBm	-11.93 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.07493 MHz	-45.02 dBm	-32.02 dB

Date: 26.DEC.2024 23:59:19

Lowest Band Edge / Full RB

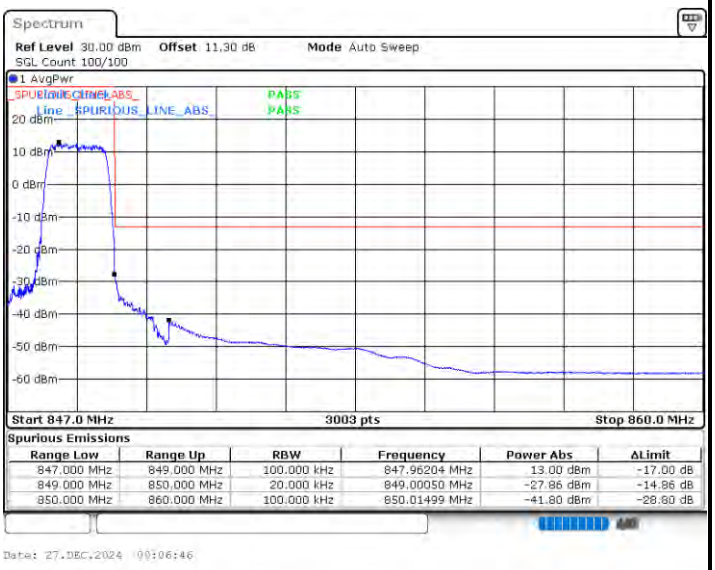


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-40.29 dBm	-27.29 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-28.12 dBm	-15.12 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.82418 MHz	12.65 dBm	-17.35 dB

Date: 26.DEC.2024 23:51:58

Highest Band Edge / Full RB



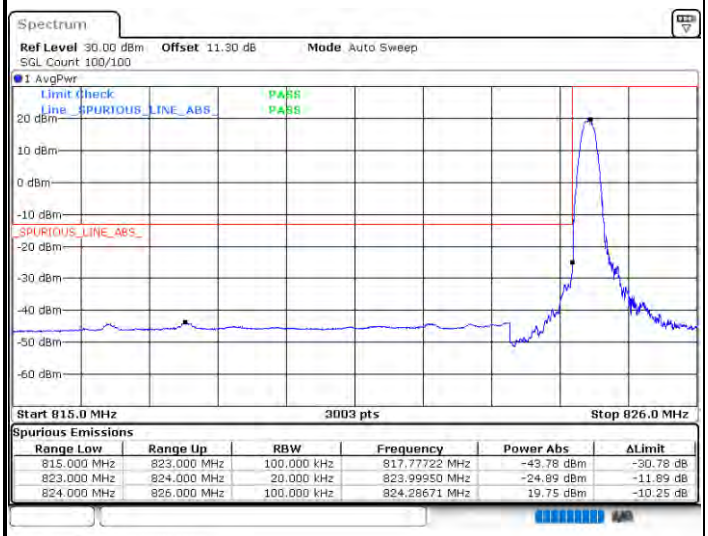
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.96204 MHz	13.00 dBm	-17.00 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-27.86 dBm	-14.86 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-41.80 dBm	-28.80 dB

Date: 27.DEC.2024 00:06:46

LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

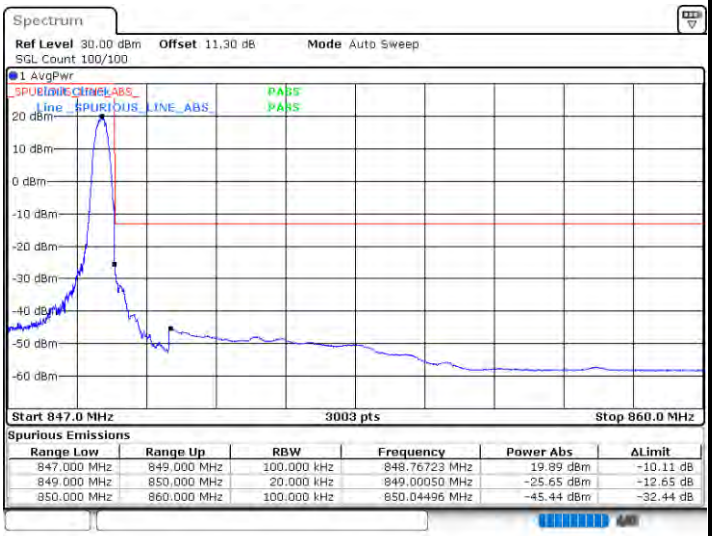


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	817.77722 MHz	-43.78 dBm	-30.78 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-24.89 dBm	-11.89 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.28671 MHz	19.75 dBm	-10.25 dB

Date: 26.DEC.2024 23:46:10

Highest Band Edge / 1 RB

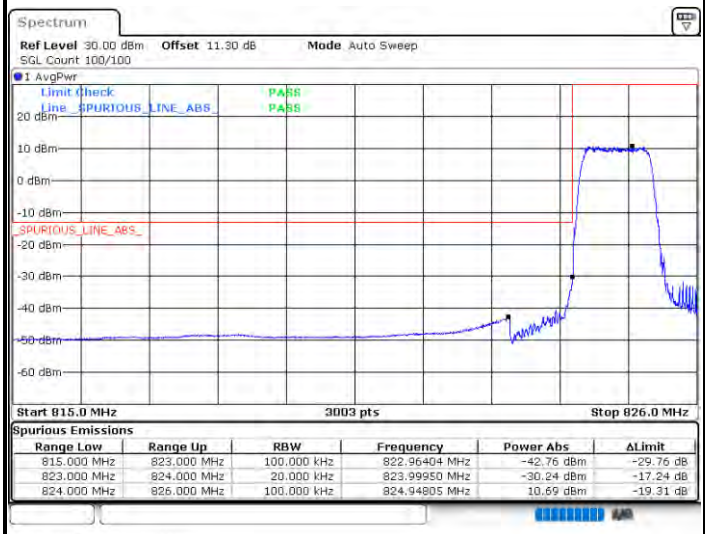


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.76723 MHz	19.89 dBm	-10.11 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-25.65 dBm	-12.65 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-45.44 dBm	-32.44 dB

Date: 27.DEC.2024 00:01:02

Lowest Band Edge / Full RB

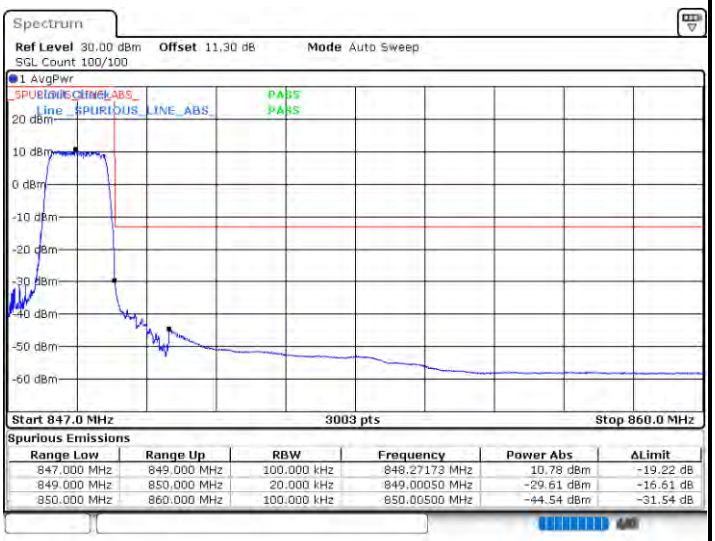


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-42.76 dBm	-29.76 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-30.24 dBm	-17.24 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.94805 MHz	10.69 dBm	-19.31 dB

Date: 26.DEC.2024 23:54:01

Highest Band Edge / Full RB



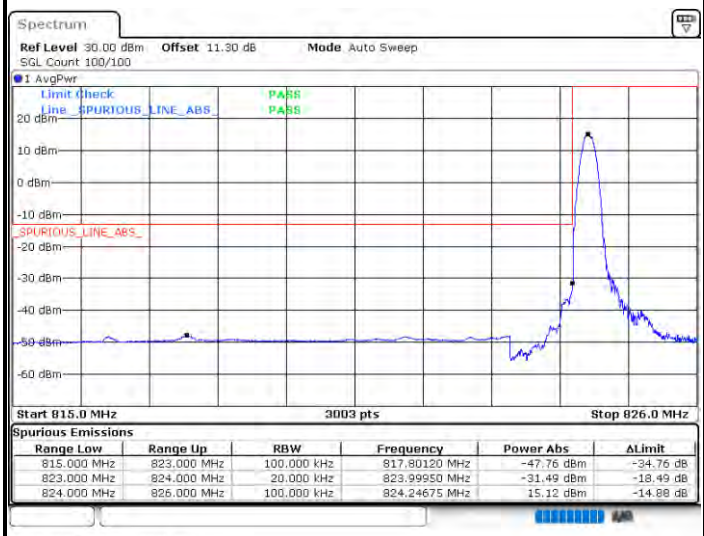
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.27173 MHz	10.78 dBm	-19.22 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-29.61 dBm	-16.61 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-44.54 dBm	-31.54 dB

Date: 27.DEC.2024 00:08:52

LTE Band 5 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

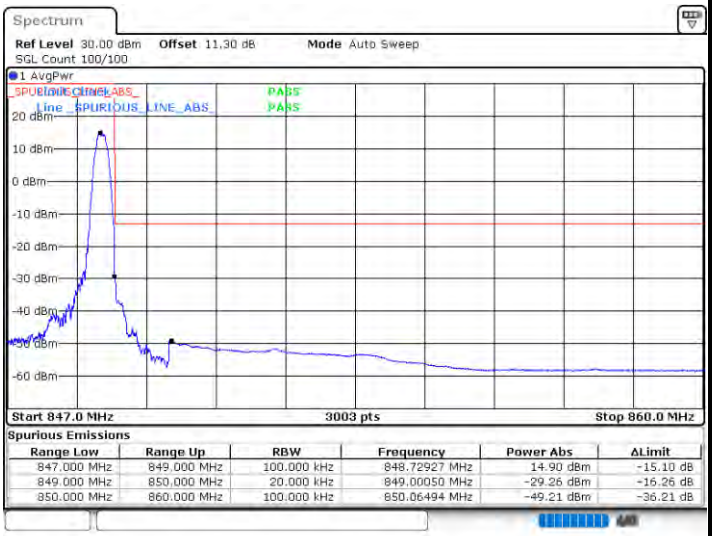


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	817.80120 MHz	-47.76 dBm	-34.76 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-31.49 dBm	-18.49 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24675 MHz	15.12 dBm	-14.88 dB

Date: 26.DEC.2024 23:47:57

Highest Band Edge / 1 RB

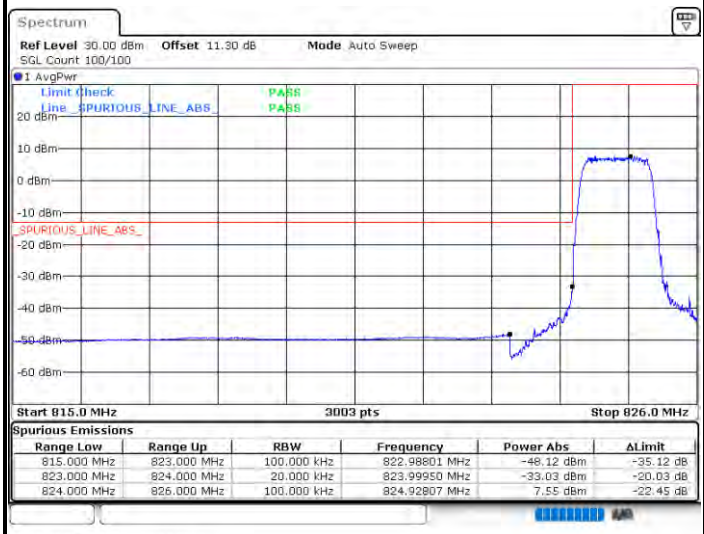


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72927 MHz	14.90 dBm	-15.10 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-29.26 dBm	-16.26 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.06494 MHz	-49.21 dBm	-36.21 dB

Date: 27.DEC.2024 00:03:01

Lowest Band Edge / Full RB

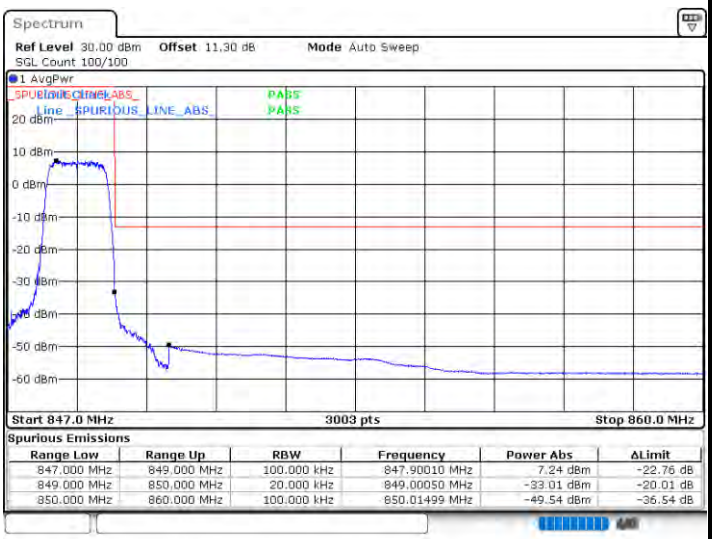


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-48.12 dBm	-35.12 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-33.03 dBm	-20.03 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.92807 MHz	7.55 dBm	-22.45 dB

Date: 26.DEC.2024 23:59:53

Highest Band Edge / Full RB



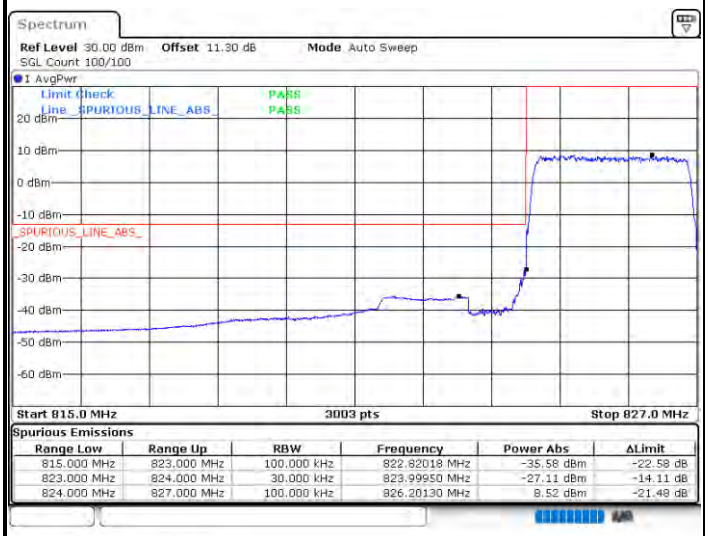
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.90010 MHz	7.24 dBm	-22.76 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-33.01 dBm	-20.01 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-49.54 dBm	-36.54 dB

Date: 27.DEC.2024 00:10:31

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / Full RB

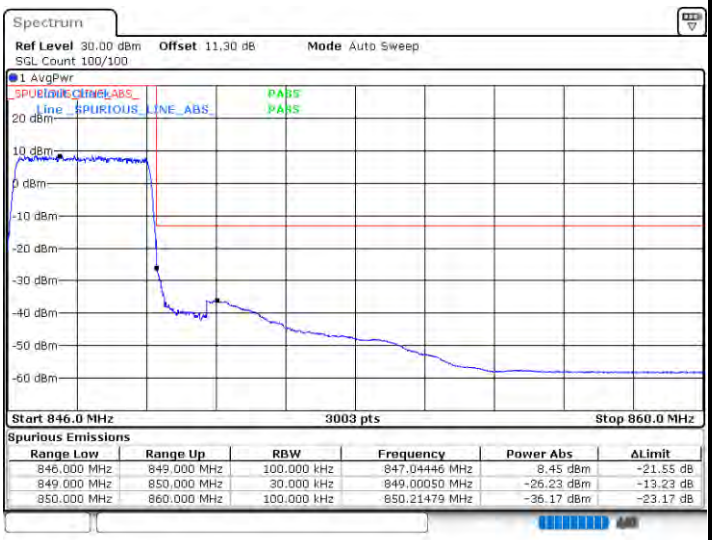


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.82018 MHz	-35.58 dBm	-22.58 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-27.11 dBm	-14.11 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.20130 MHz	8.52 dBm	-21.48 dB

Date: 27.DEC.2024 00:12:20

Highest Band Edge / Full RB



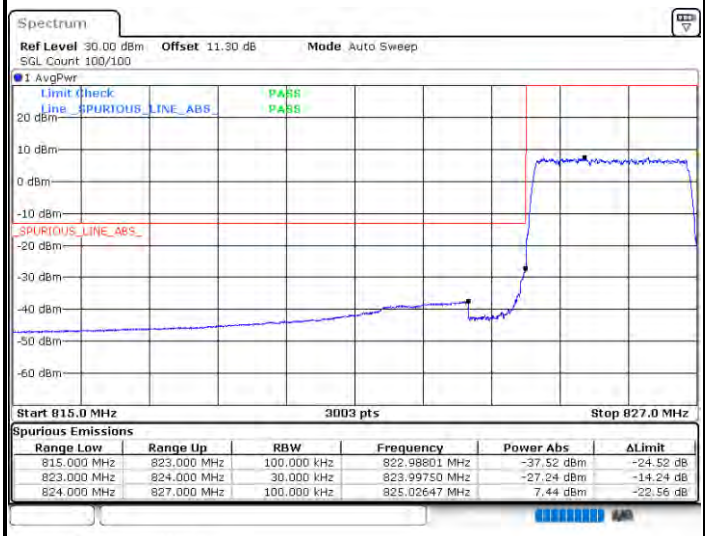
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.04446 MHz	8.45 dBm	-21.55 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-26.23 dBm	-13.23 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.21479 MHz	-36.17 dBm	-23.17 dB

Date: 27.DEC.2024 00:20:02

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / Full RB

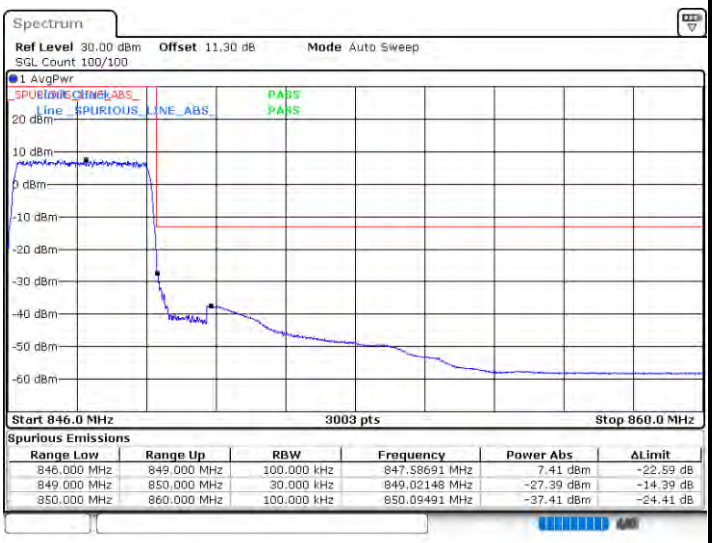


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-37.52 dBm	-24.52 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99750 MHz	-27.24 dBm	-14.24 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.02647 MHz	7.44 dBm	-22.56 dB

Date: 27.DEC.2024 00:14:25

Highest Band Edge / Full RB



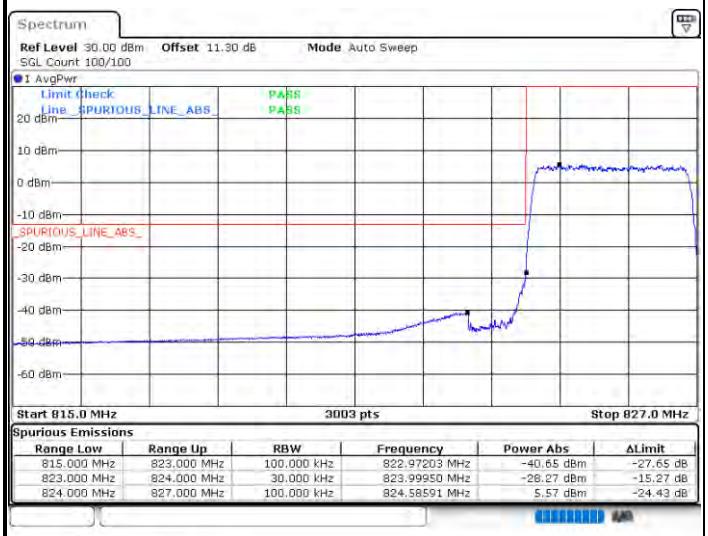
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.58691 MHz	7.41 dBm	-22.59 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.02148 MHz	-27.39 dBm	-14.39 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.09491 MHz	-37.41 dBm	-24.41 dB

Date: 27.DEC.2024 00:21:55

LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / Full RB

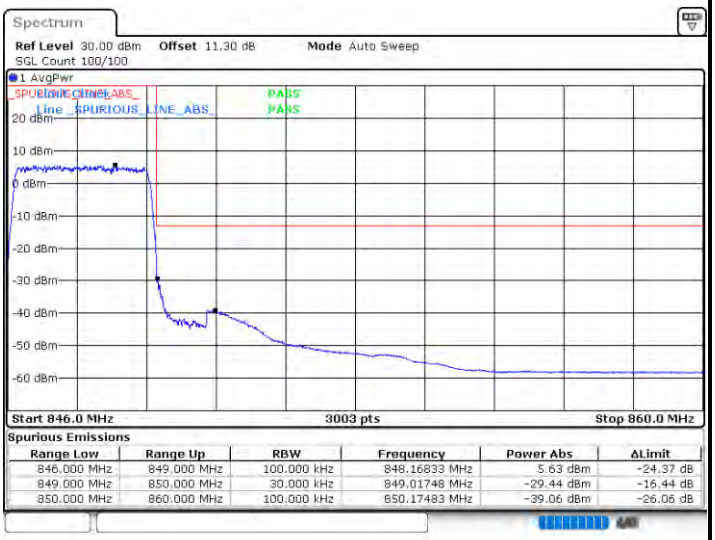


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-40.65 dBm	-27.65 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-28.27 dBm	-15.27 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.58591 MHz	5.57 dBm	-24.43 dB

Date: 27.DEC.2024 00:16:33

Highest Band Edge / Full RB



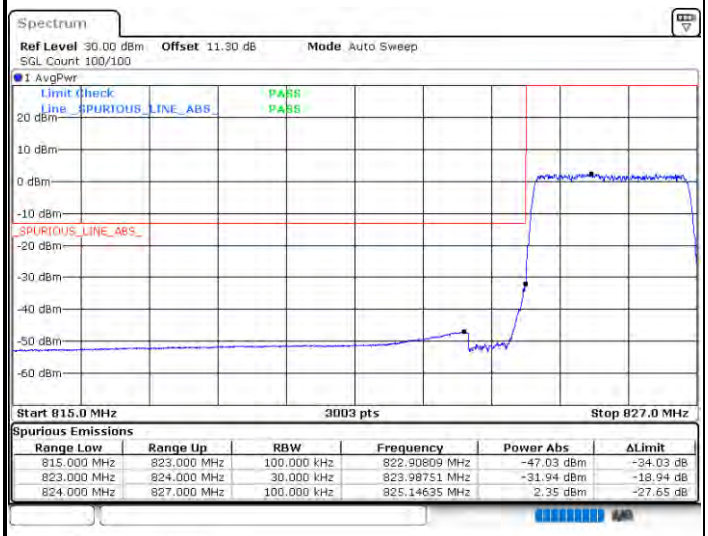
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.16833 MHz	5.63 dBm	-24.37 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.01748 MHz	-29.44 dBm	-16.44 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.17483 MHz	-39.06 dBm	-26.06 dB

Date: 27.DEC.2024 00:23:49

LTE Band 5 / 3MHz / 256QAM

Lowest Band Edge / Full RB

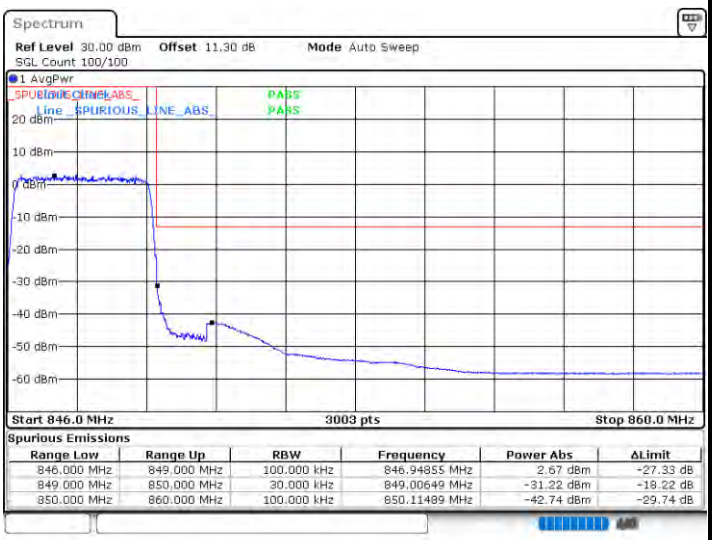


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90809 MHz	-47.03 dBm	-34.03 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.98751 MHz	-31.94 dBm	-18.94 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.14635 MHz	2.35 dBm	-27.65 dB

Date: 27.DEC.2024 00:18:14

Highest Band Edge / Full RB



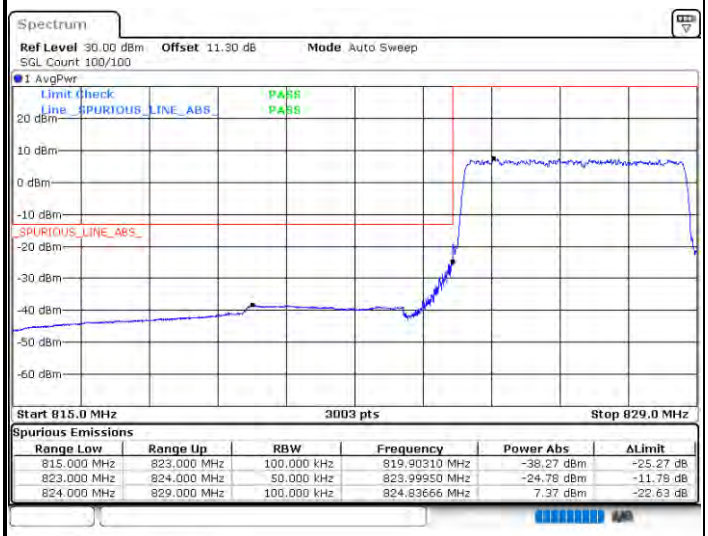
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.94855 MHz	2.67 dBm	-27.33 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00649 MHz	-31.22 dBm	-18.22 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.11489 MHz	-42.74 dBm	-29.74 dB

Date: 27.DEC.2024 00:25:41

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / Full RB

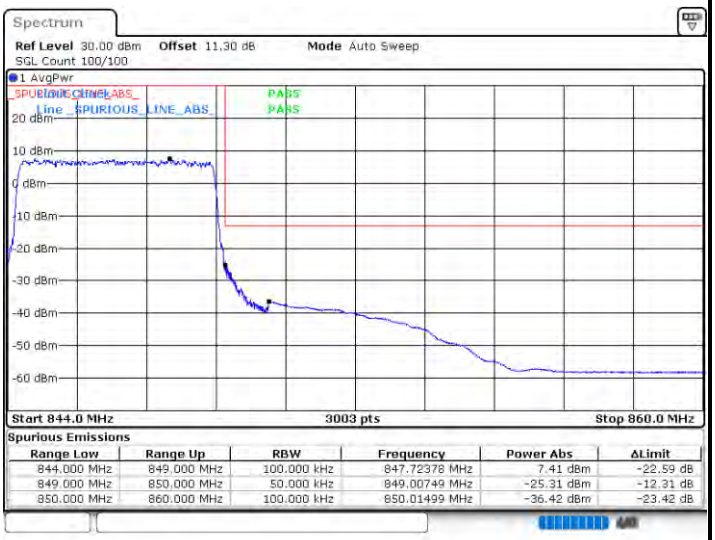


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.90310 MHz	-38.27 dBm	-25.27 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-24.78 dBm	-11.78 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.83666 MHz	7.37 dBm	-22.63 dB

Date: 27.DEC.2024 00:27:38

Highest Band Edge / Full RB



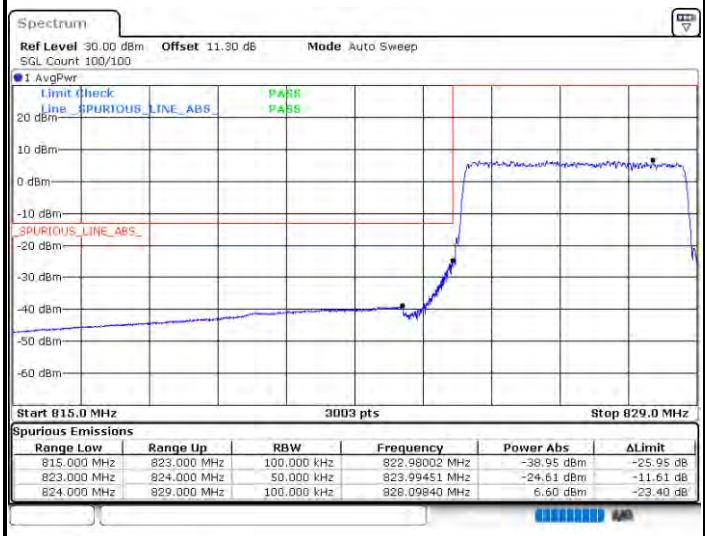
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	847.72378 MHz	7.41 dBm	-22.59 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00749 MHz	-25.31 dBm	-12.31 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-36.42 dBm	-23.42 dB

Date: 27.DEC.2024 00:35:03

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / Full RB

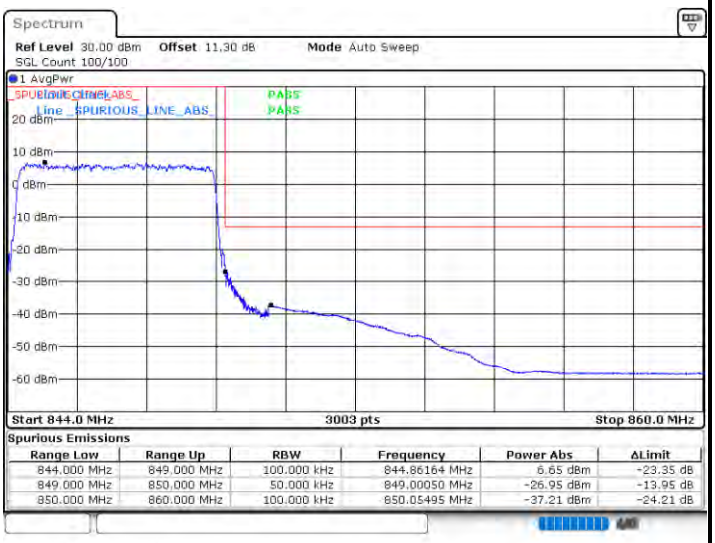


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-38.95 dBm	-25.95 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99451 MHz	-24.61 dBm	-11.61 dB
824.000 MHz	829.000 MHz	100.000 kHz	828.09840 MHz	6.60 dBm	-23.40 dB

Date: 27.DEC.2024 00:29:25

Highest Band Edge / Full RB



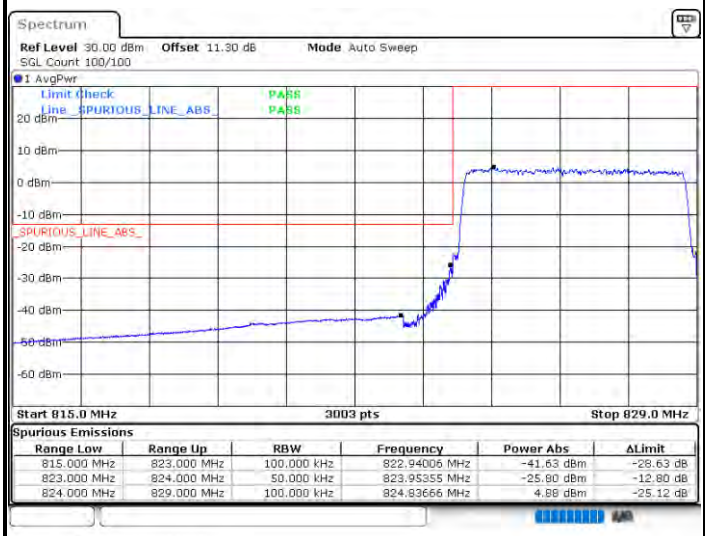
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.86164 MHz	6.65 dBm	-23.35 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-26.95 dBm	-13.95 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-37.21 dBm	-24.21 dB

Date: 27.DEC.2024 00:37:00

LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / Full RB

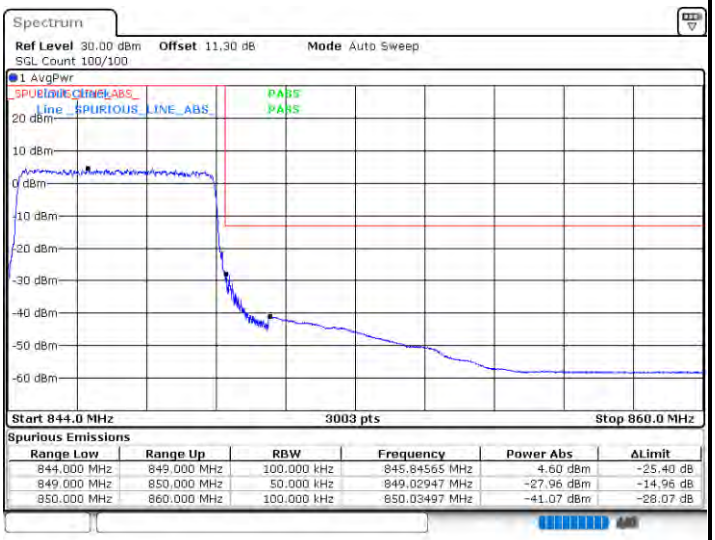


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-41.63 dBm	-28.63 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.95355 MHz	-25.80 dBm	-12.80 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.83666 MHz	4.88 dBm	-25.12 dB

Date: 27.DEC.2024 00:31:10

Highest Band Edge / Full RB



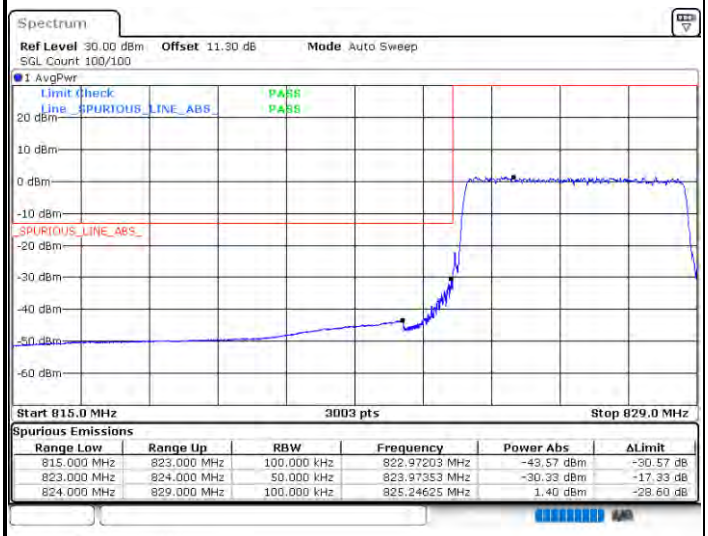
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.84565 MHz	4.60 dBm	-25.40 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.02947 MHz	-27.96 dBm	-14.96 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-41.07 dBm	-28.07 dB

Date: 27.DEC.2024 00:39:03

LTE Band 5 / 5MHz / 256QAM

Lowest Band Edge / Full RB

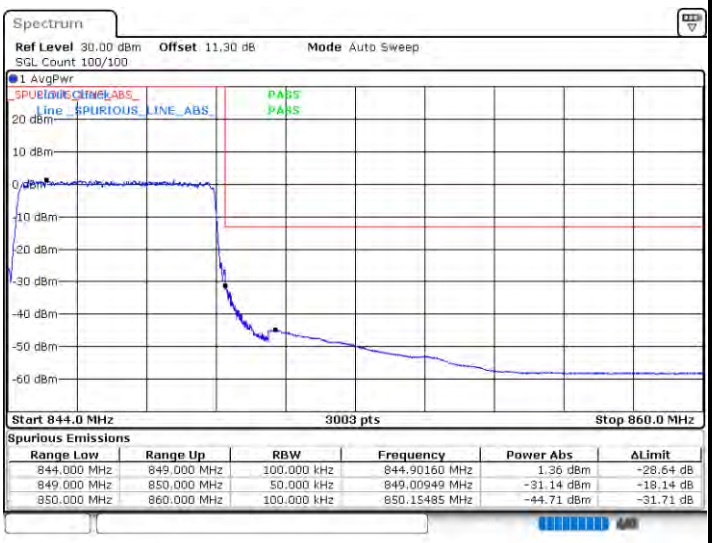


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-43.57 dBm	-30.57 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.97353 MHz	-30.33 dBm	-17.33 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.24625 MHz	1.40 dBm	-28.60 dB

Date: 27.DEC.2024 00:23:01

Highest Band Edge / Full RB



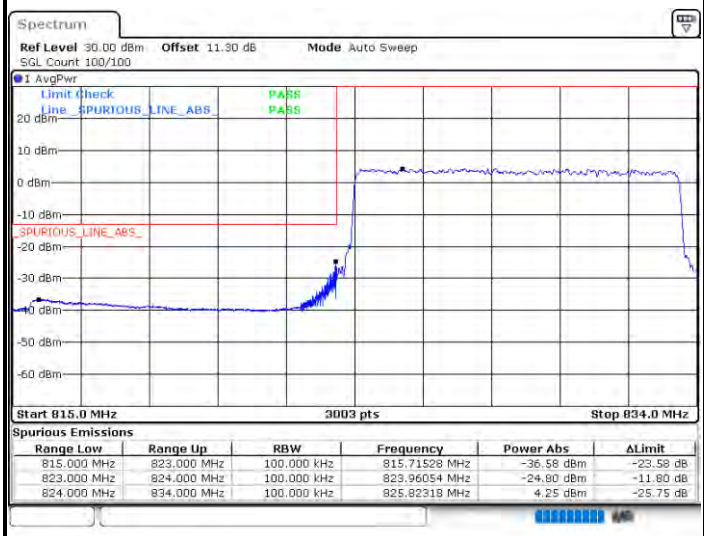
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.90160 MHz	1.36 dBm	-28.64 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00949 MHz	-31.14 dBm	-18.14 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.15485 MHz	-44.71 dBm	-31.71 dB

Date: 27.DEC.2024 00:41:00

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / Full RB

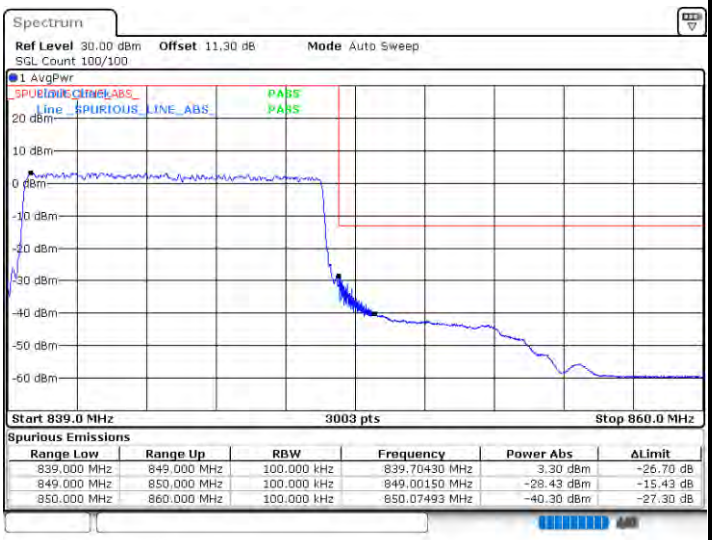


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	815.71528 MHz	-36.58 dBm	-23.58 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.96054 MHz	-24.80 dBm	-11.80 dB
824.000 MHz	834.000 MHz	100.000 kHz	825.82318 MHz	4.25 dBm	-25.75 dB

Date: 27.DEC.2024 09:43:02

Highest Band Edge / Full RB



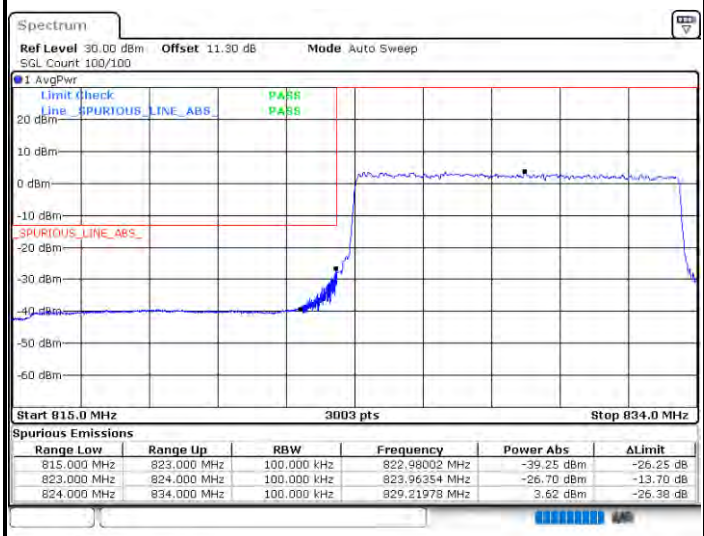
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	839.70430 MHz	3.30 dBm	-26.70 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00150 MHz	-28.43 dBm	-15.43 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.07493 MHz	-40.30 dBm	-27.30 dB

Date: 27.DEC.2024 09:41:52

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / Full RB

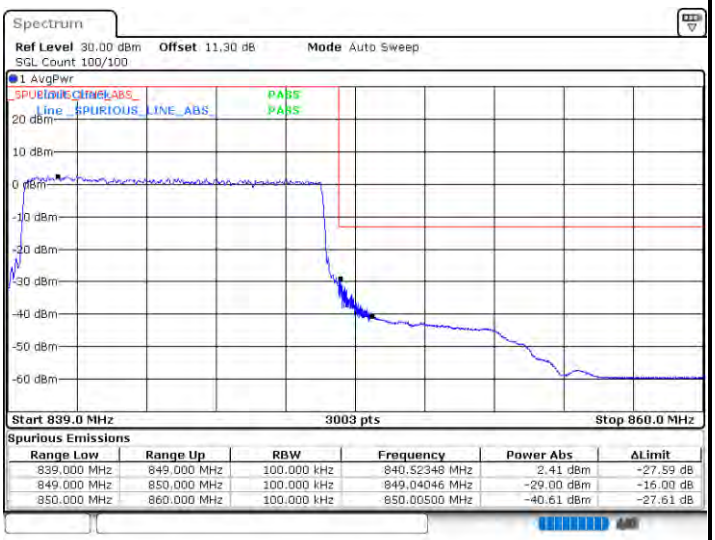


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-39.25 dBm	-26.25 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.96354 MHz	-26.70 dBm	-13.70 dB
824.000 MHz	834.000 MHz	100.000 kHz	829.21978 MHz	3.62 dBm	-26.38 dB

Date: 27.DEC.2024 09:44:52

Highest Band Edge / Full RB



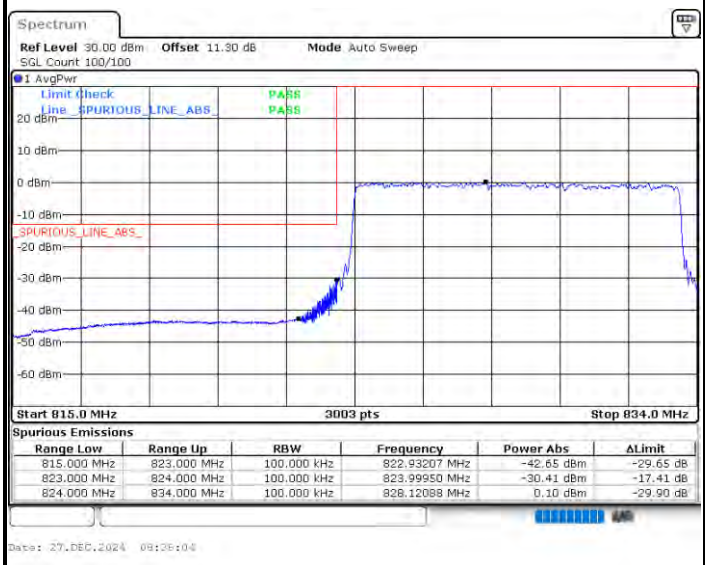
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.52348 MHz	2.41 dBm	-27.59 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.04046 MHz	-29.00 dBm	-16.00 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-40.61 dBm	-27.61 dB

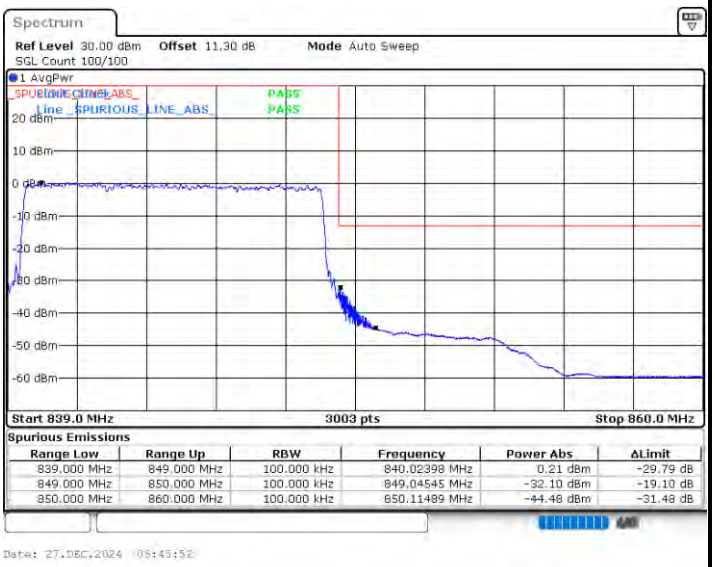
Date: 27.DEC.2024 09:44:01

LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / Full RB

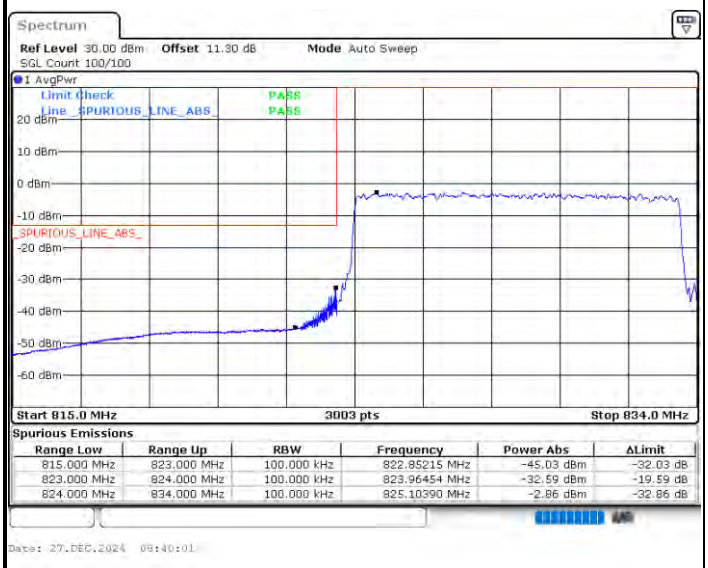


Highest Band Edge / Full RB

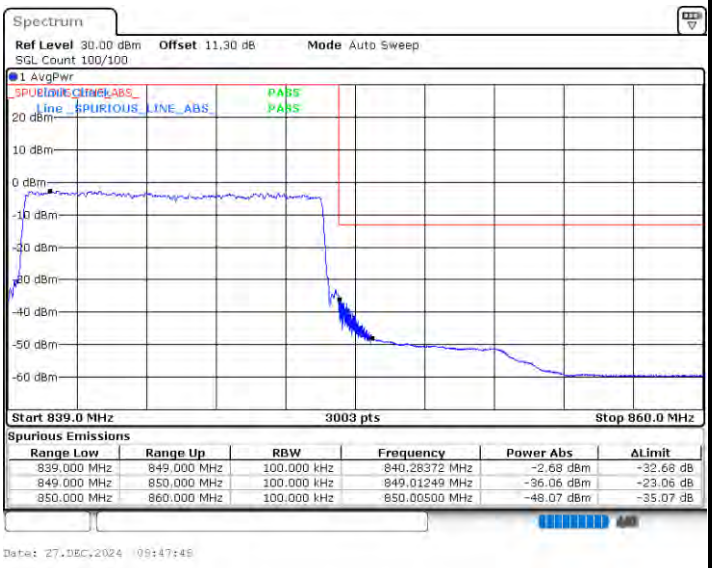


LTE Band 5 / 10MHz / 256QAM

Lowest Band Edge / Full RB



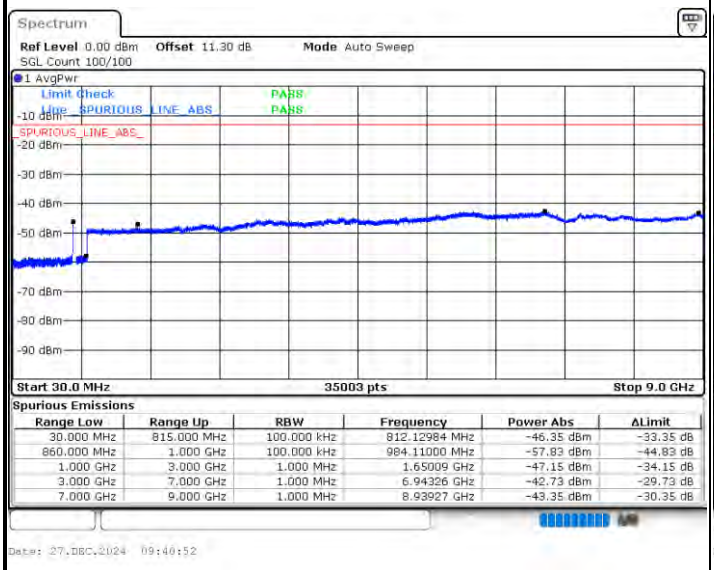
Highest Band Edge / Full RB



Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

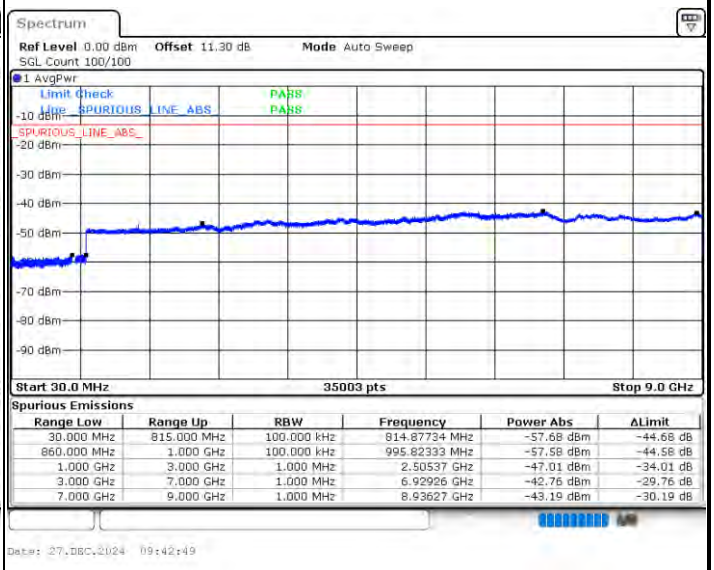


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.12984 MHz	-46.35 dBm	-33.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.11000 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94326 GHz	-42.73 dBm	-29.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93927 GHz	-43.35 dBm	-30.35 dB

Date: 27.DEC.2024 09:40:52

Middle Channel / QPSK

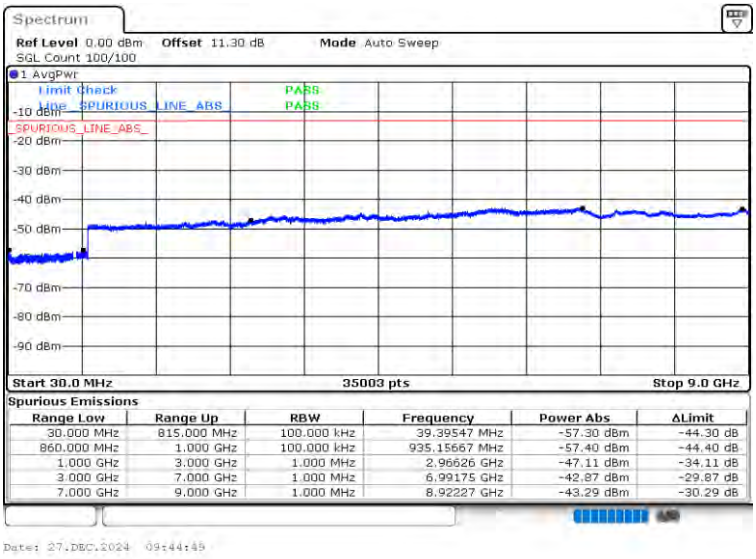


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.87734 MHz	-57.68 dBm	-44.68 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.82333 MHz	-57.58 dBm	-44.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50537 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92926 GHz	-42.76 dBm	-29.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93627 GHz	-43.19 dBm	-30.19 dB

Date: 27.DEC.2024 09:42:49

Highest Channel / QPSK



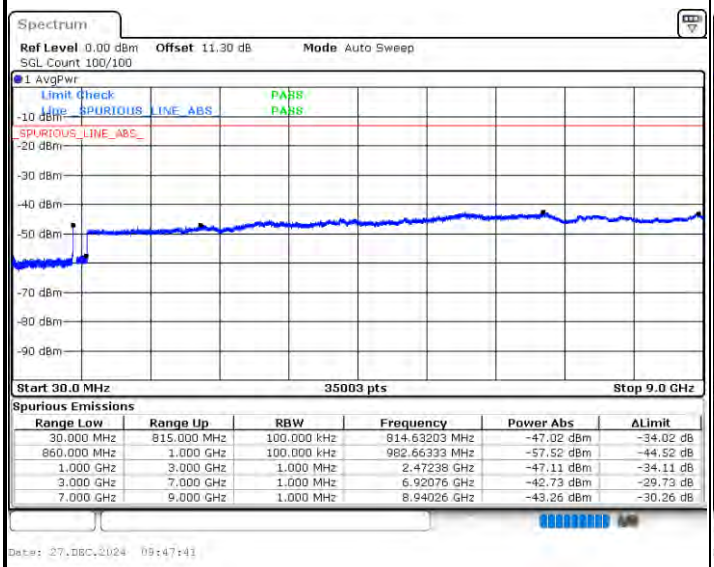
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	39.39547 MHz	-57.30 dBm	-44.30 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.15667 MHz	-57.40 dBm	-44.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96626 GHz	-47.11 dBm	-34.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.87 dBm	-29.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92227 GHz	-43.29 dBm	-30.29 dB

Date: 27.DEC.2024 09:44:49

LTE Band 5 / 3MHz

Lowest Channel / QPSK

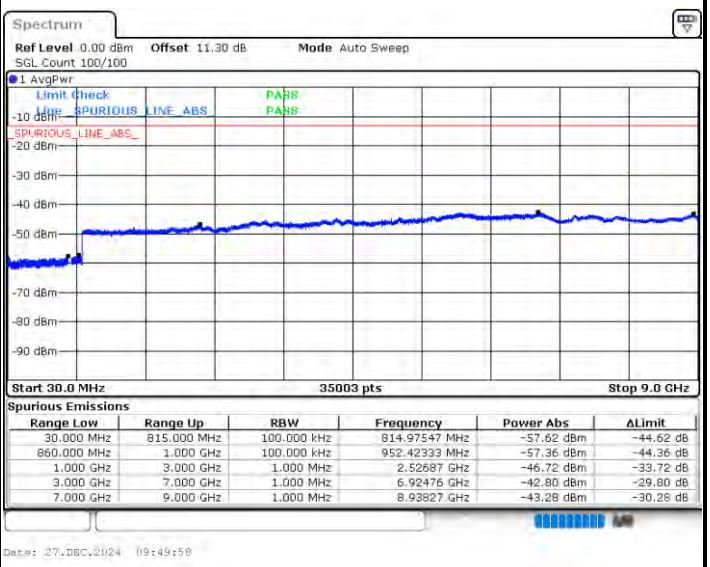


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.63203 MHz	-47.02 dBm	-34.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	982.66333 MHz	-57.52 dBm	-44.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47238 GHz	-47.11 dBm	-34.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92076 GHz	-42.73 dBm	-29.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94026 GHz	-43.26 dBm	-30.26 dB

Date: 27.DEC.2024 09:47:41

Middle Channel / QPSK

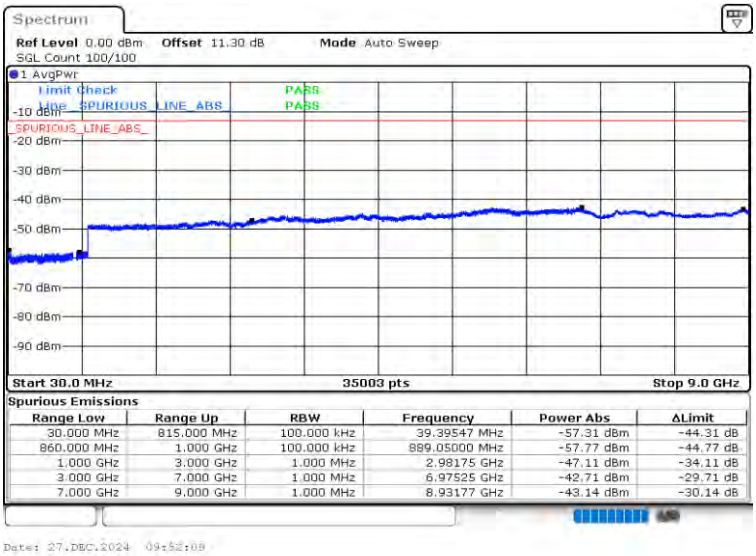


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.97547 MHz	-57.62 dBm	-44.62 dB
860.000 MHz	1.000 GHz	100.000 kHz	952.42333 MHz	-57.36 dBm	-44.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52687 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92476 GHz	-42.80 dBm	-29.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93827 GHz	-43.28 dBm	-30.28 dB

Date: 27.DEC.2024 09:49:59

Highest Channel / QPSK



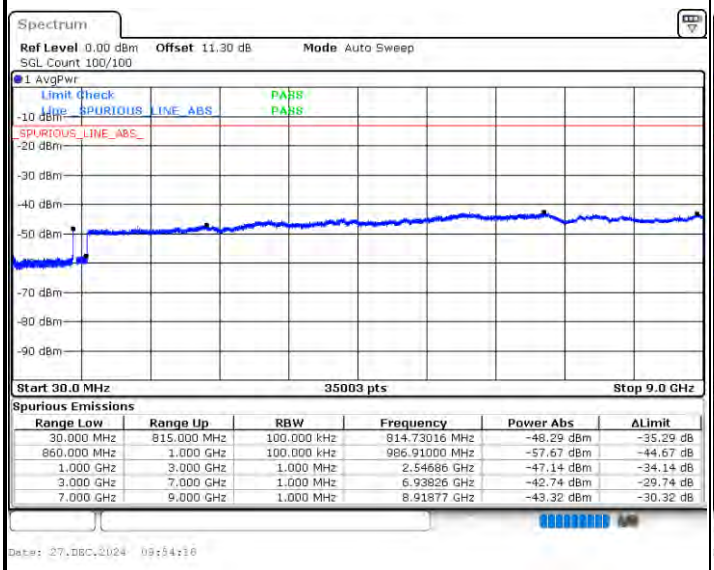
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	39.39547 MHz	-57.31 dBm	-44.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	889.05000 MHz	-57.77 dBm	-44.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98175 GHz	-47.11 dBm	-34.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97525 GHz	-42.71 dBm	-29.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93177 GHz	-43.14 dBm	-30.14 dB

Date: 27.DEC.2024 09:52:09

LTE Band 5 / 5MHz

Lowest Channel / QPSK

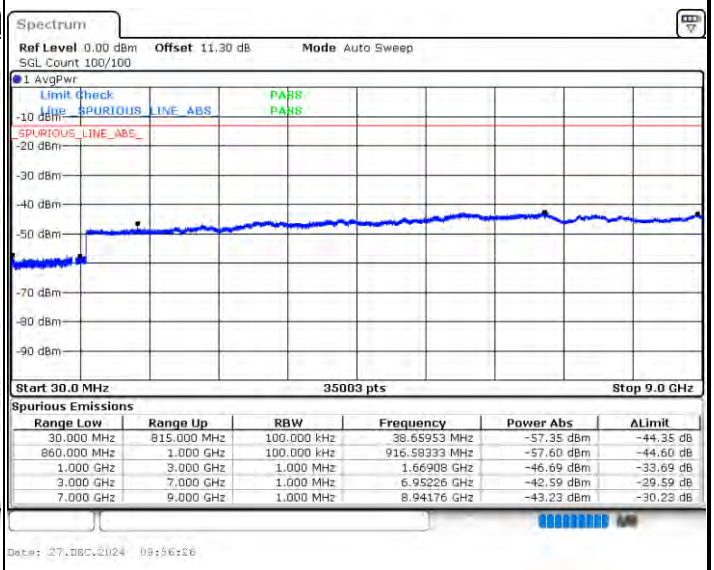


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.73016 MHz	-48.29 dBm	-35.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	986.91000 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.54686 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-42.74 dBm	-29.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91877 GHz	-43.32 dBm	-30.32 dB

Date: 27.DEC.2024 09:54:16

Middle Channel / QPSK

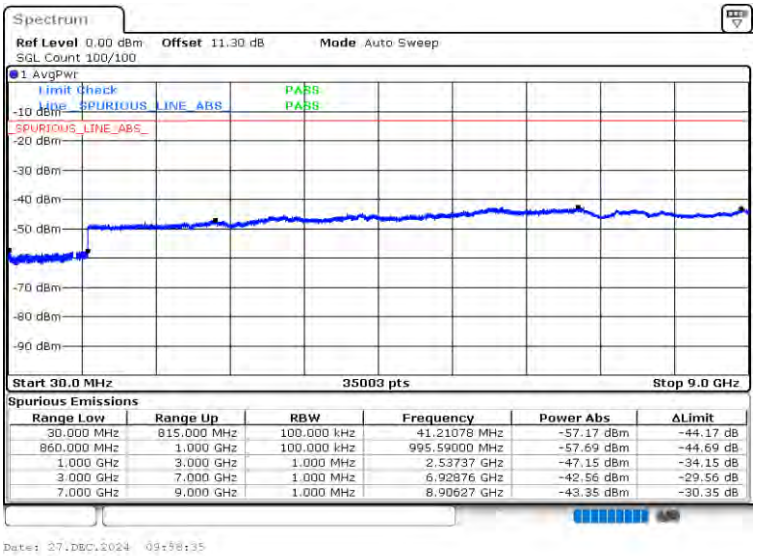


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	38.65953 MHz	-57.35 dBm	-44.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	916.58333 MHz	-57.60 dBm	-44.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.69 dBm	-33.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95226 GHz	-42.59 dBm	-29.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94176 GHz	-43.23 dBm	-30.23 dB

Date: 27.DEC.2024 09:56:26

Highest Channel / QPSK



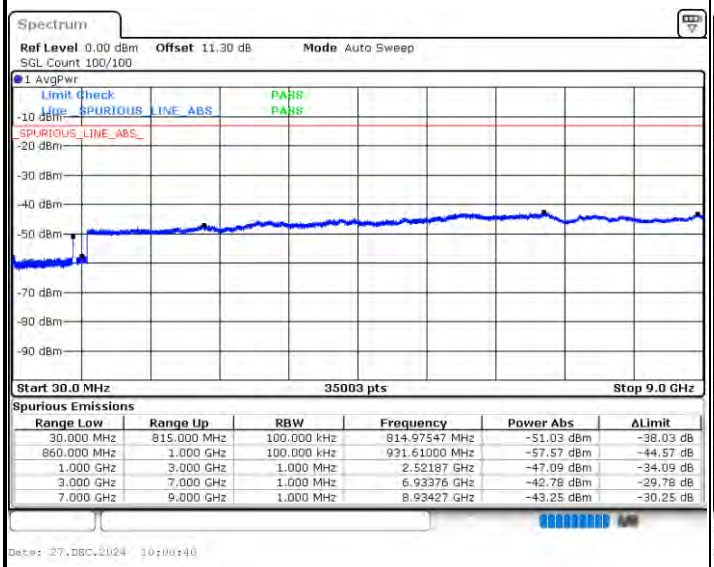
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	41.21078 MHz	-57.17 dBm	-44.17 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.59000 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53737 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92876 GHz	-42.56 dBm	-29.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90627 GHz	-43.35 dBm	-30.35 dB

Date: 27.DEC.2024 09:58:35

LTE Band 5 / 10MHz

Lowest Channel / QPSK

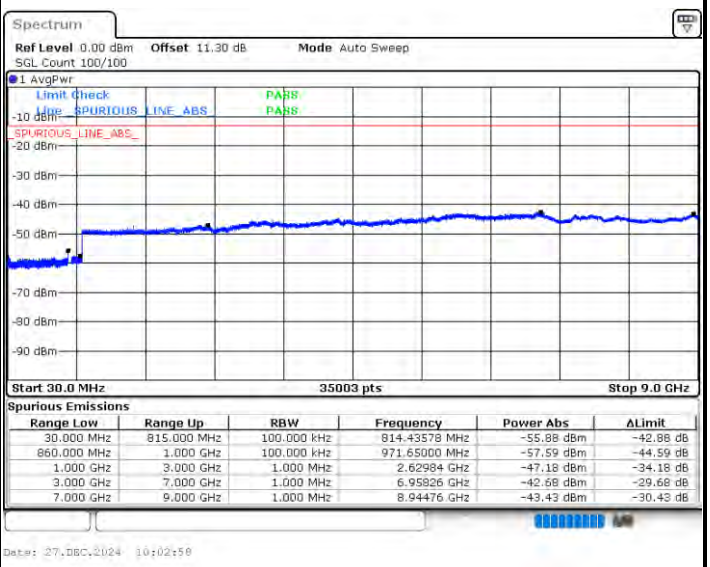


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.97547 MHz	-51.03 dBm	-38.03 dB
860.000 MHz	1.000 GHz	100.000 kHz	931.61000 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52187 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93376 GHz	-42.78 dBm	-29.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93427 GHz	-43.25 dBm	-30.25 dB

Date: 27.DEC.2024 10:00:40

Middle Channel / QPSK

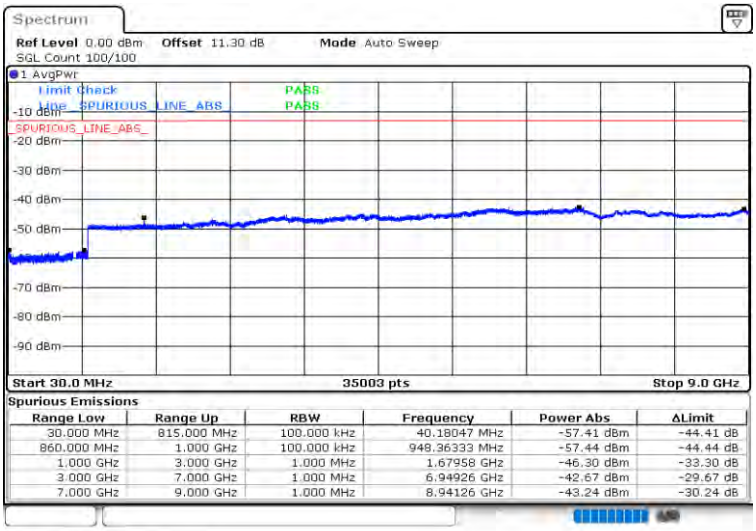


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.43578 MHz	-55.88 dBm	-42.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.65000 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62984 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95826 GHz	-42.68 dBm	-29.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94476 GHz	-43.43 dBm	-30.43 dB

Date: 27.DEC.2024 10:02:50

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	40.18047 MHz	-57.41 dBm	-44.41 dB
860.000 MHz	1.000 GHz	100.000 kHz	948.36333 MHz	-57.44 dBm	-44.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.30 dBm	-33.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94926 GHz	-42.67 dBm	-29.67 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94126 GHz	-43.24 dBm	-30.24 dB

Date: 27.DEC.2024 10:05:03

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
55	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0055	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0006	

Note: Normal Voltage = 3.89 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.

LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.12	8.47	14.56
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.80	19.74	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.12	8.29	14.53
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.10	19.86	-

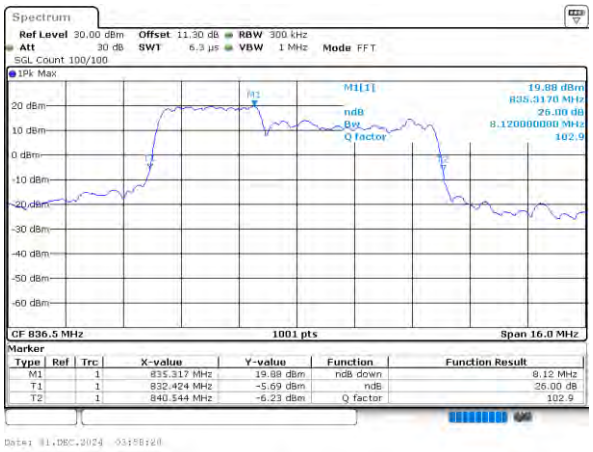
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.10	8.31	14.80
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.10	19.62	-

Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.16	8.28	14.68
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.56	19.94	-

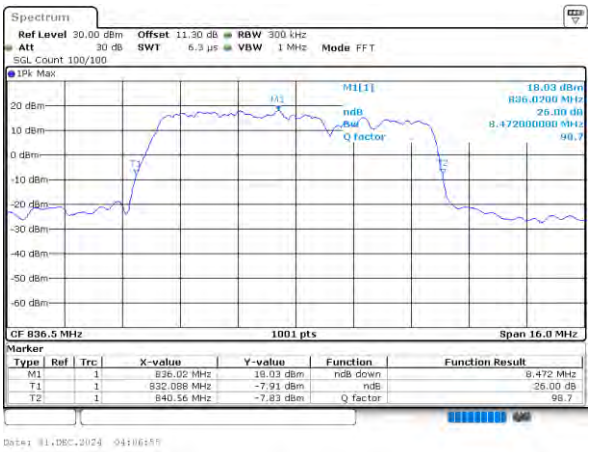
LTE Band 5B

QPSK

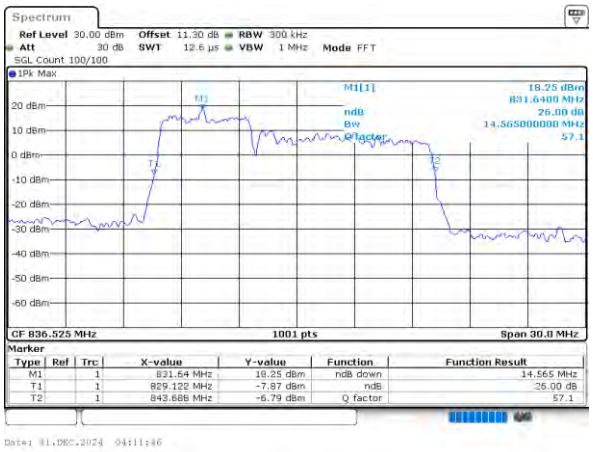
Middle Channel / 3MHz+5MHz



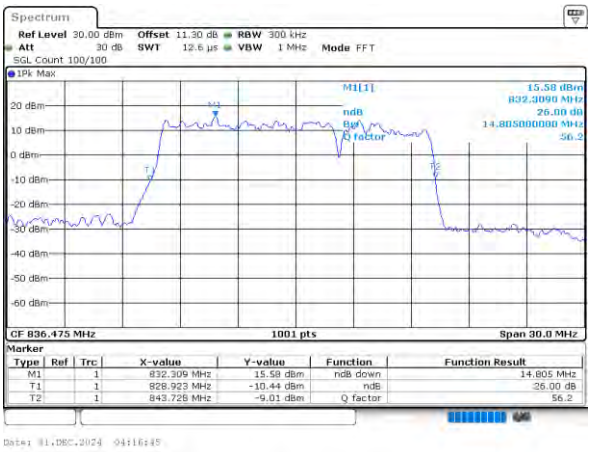
Middle Channel / 5MHz+3MHz



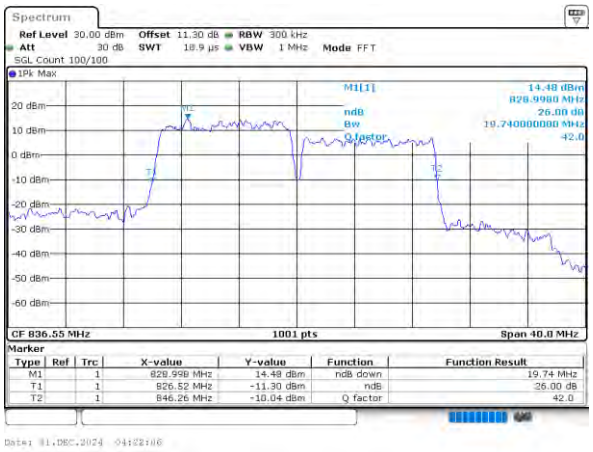
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

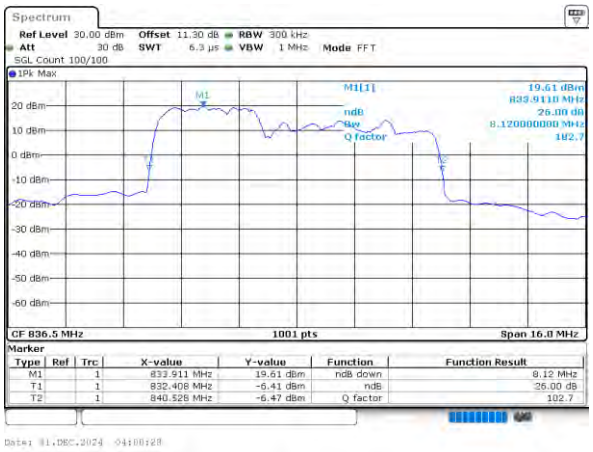


N/A

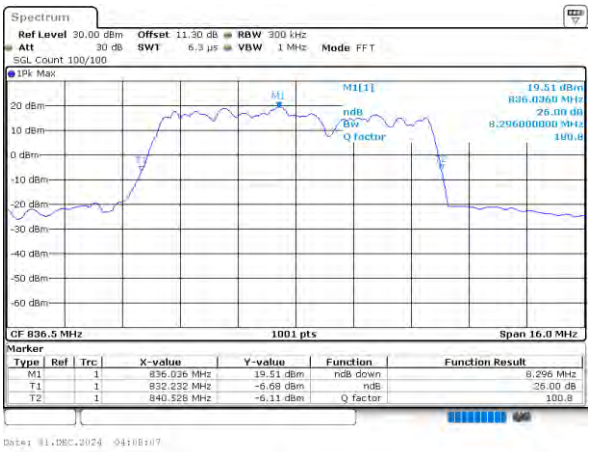
LTE Band 5B

16QAM

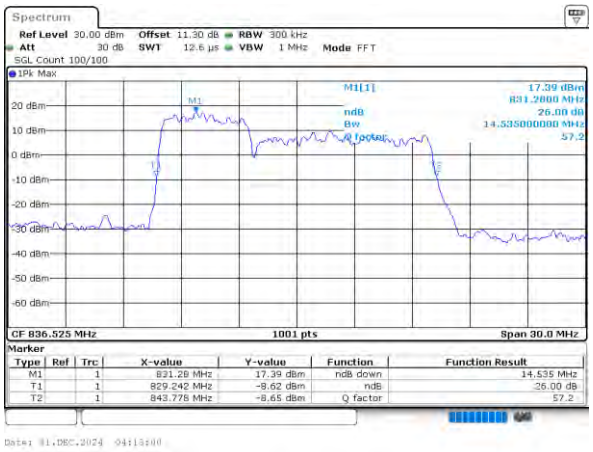
Middle Channel / 3MHz+5MHz



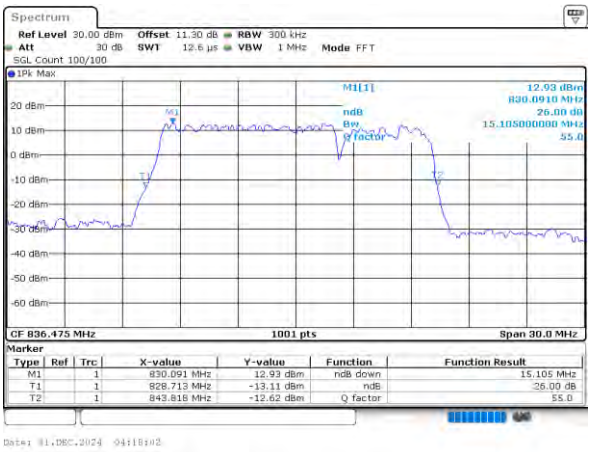
Middle Channel / 5MHz+3MHz



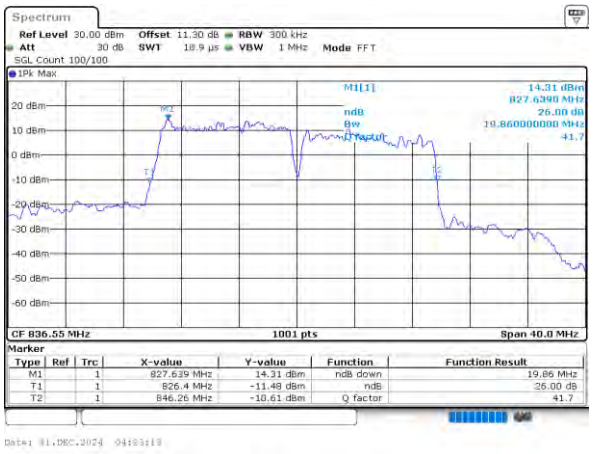
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

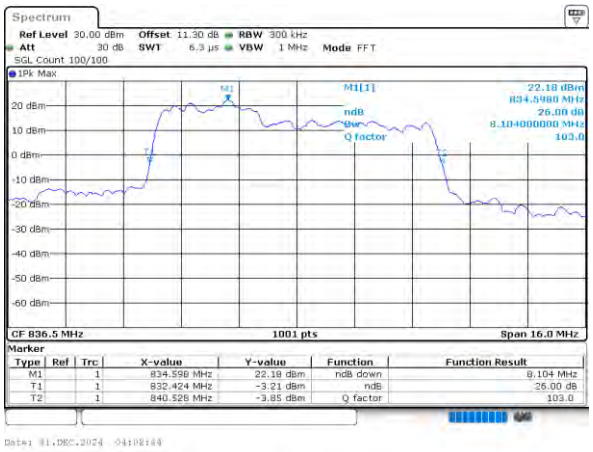


N/A

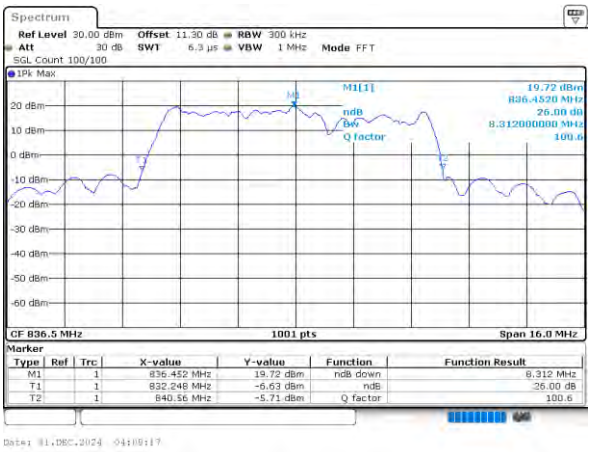
LTE Band 5B

64QAM

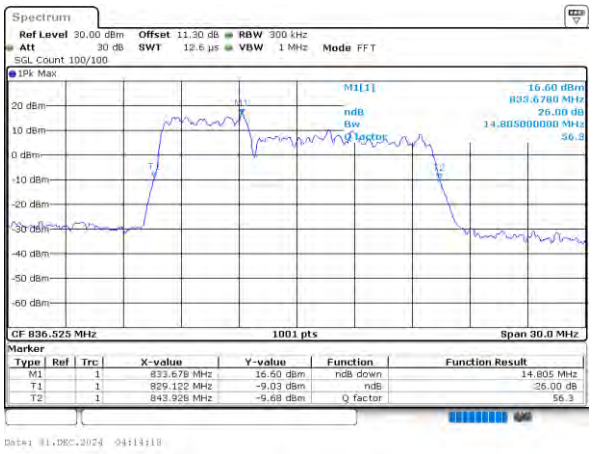
Middle Channel / 3MHz+5MHz



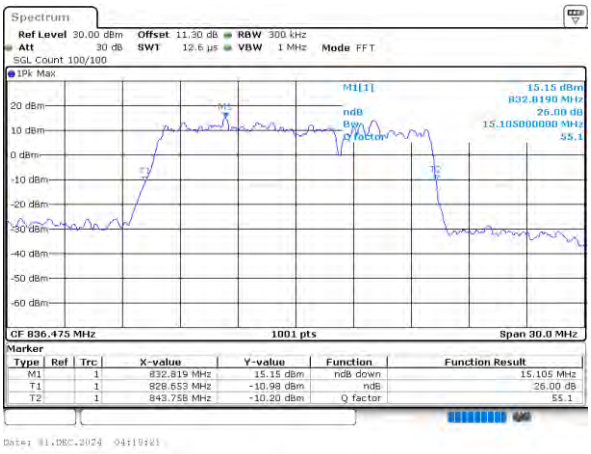
Middle Channel / 5MHz+3MHz



Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



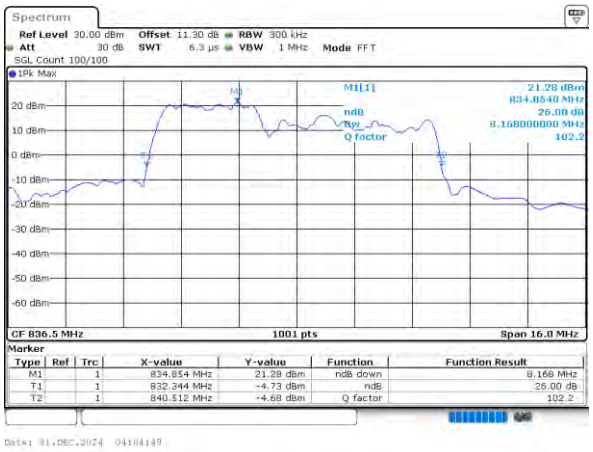
Middle Channel / 10MHz+10MHz

N/A

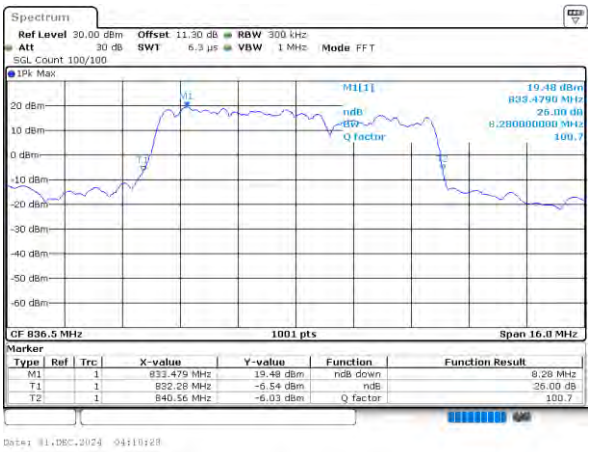
LTE Band 5B

256QAM

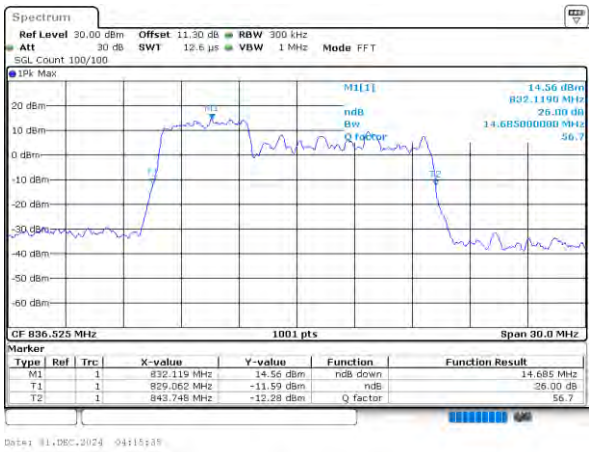
Middle Channel / 3MHz+5MHz



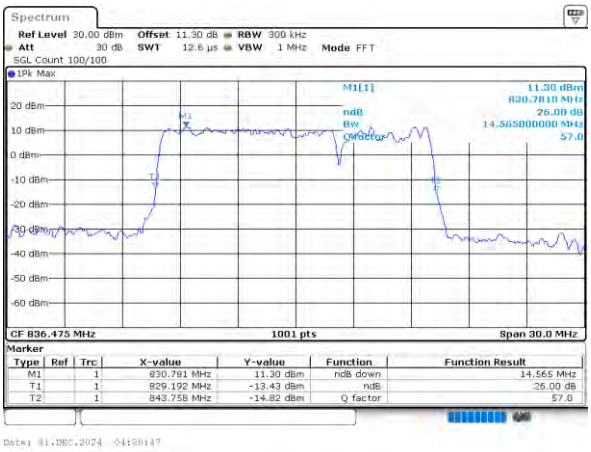
Middle Channel / 5MHz+3MHz



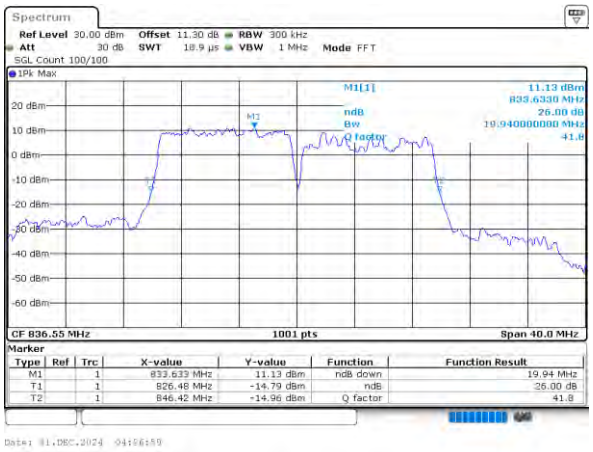
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.55	7.59	13.76
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.84	18.75	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.52	7.55	13.72
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.87	18.68	-

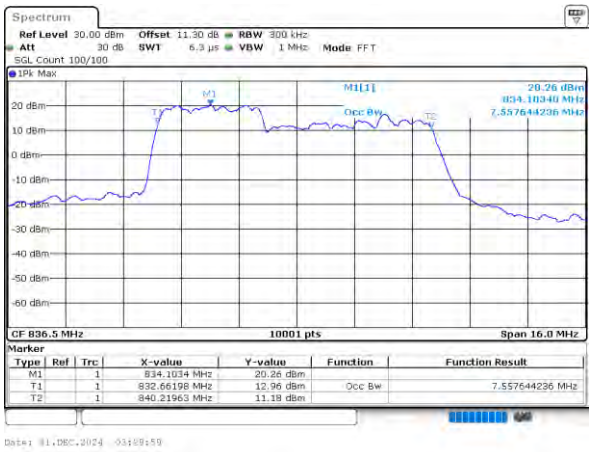
Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.52	7.56	13.88
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.79	18.60	-

Mode	LTE Band 5B : 99%OBW(MHz)		
254QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.57	7.53	13.84
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.81	18.54	-

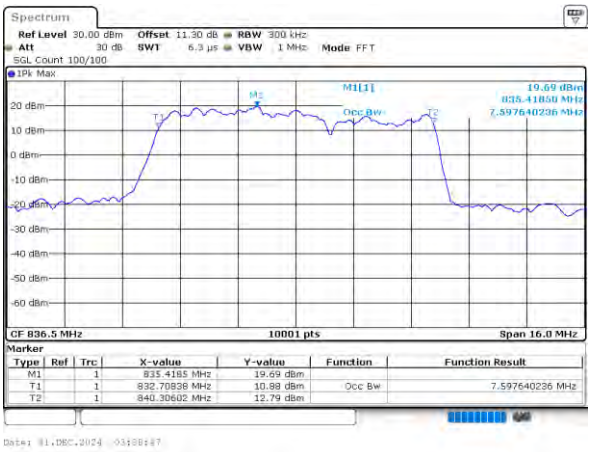
LTE Band 5B

QPSK

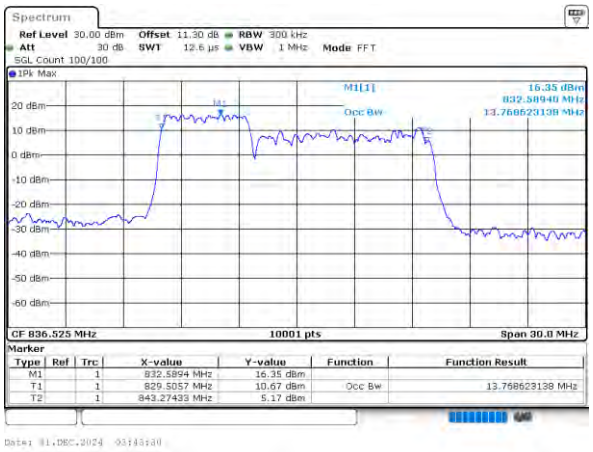
Middle Channel / 3MHz+5MHz



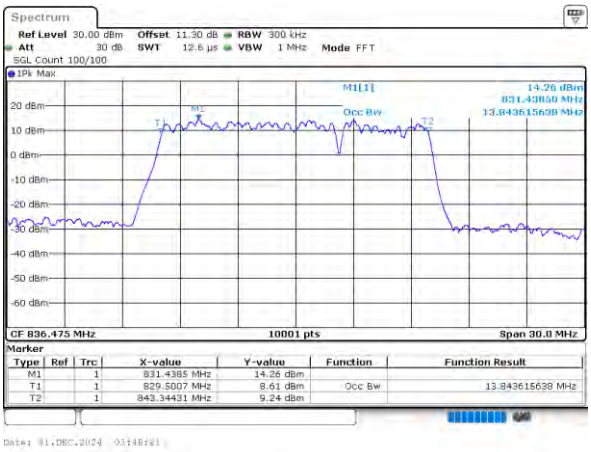
Middle Channel / 5MHz+3MHz



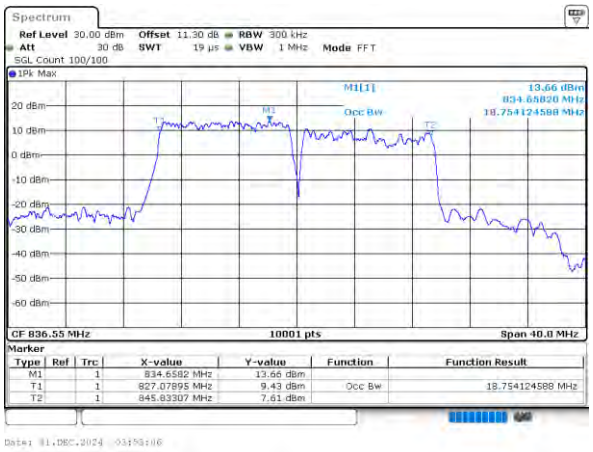
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

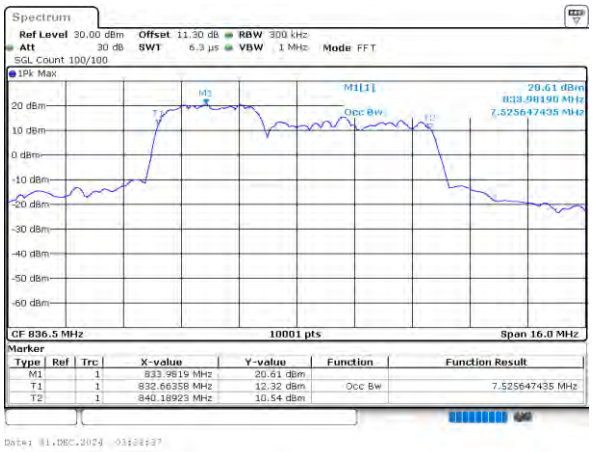


N/A

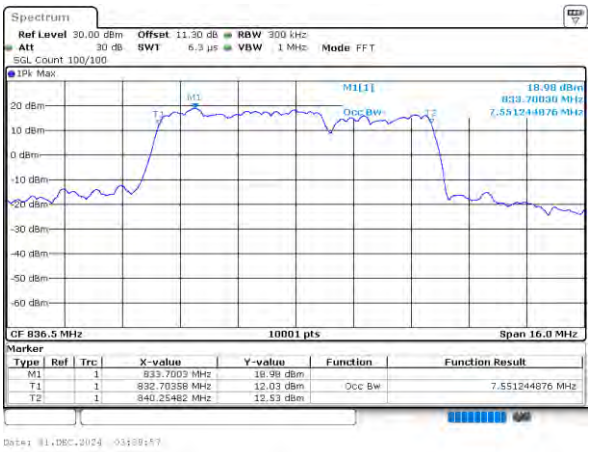
LTE Band 5B

16QAM

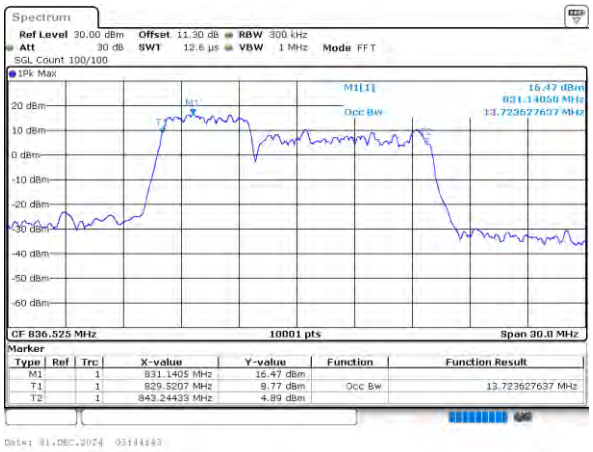
Middle Channel / 3MHz+5MHz



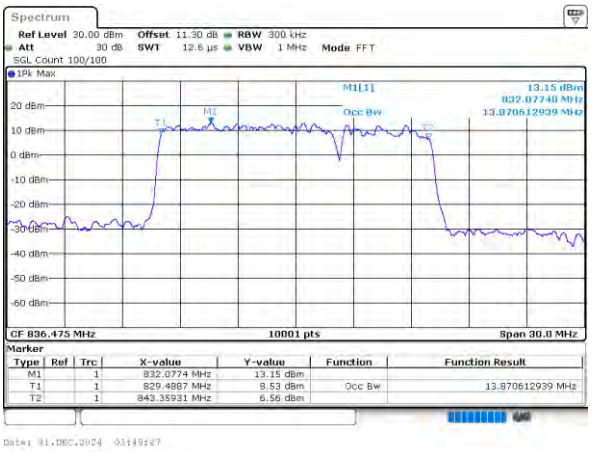
Middle Channel / 5MHz+3MHz



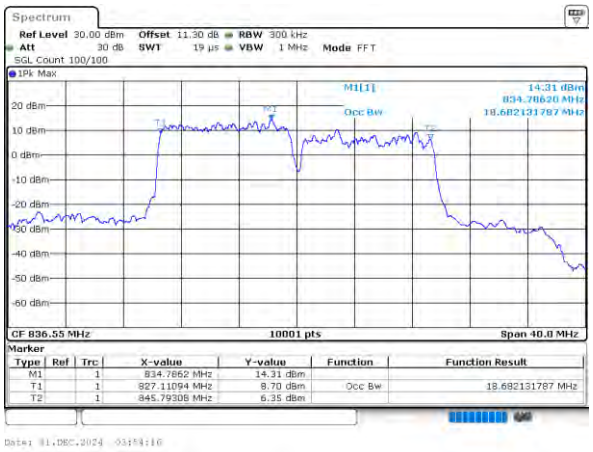
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

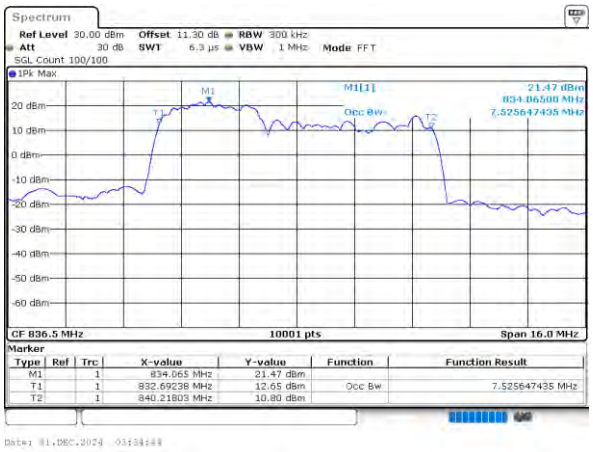


N/A

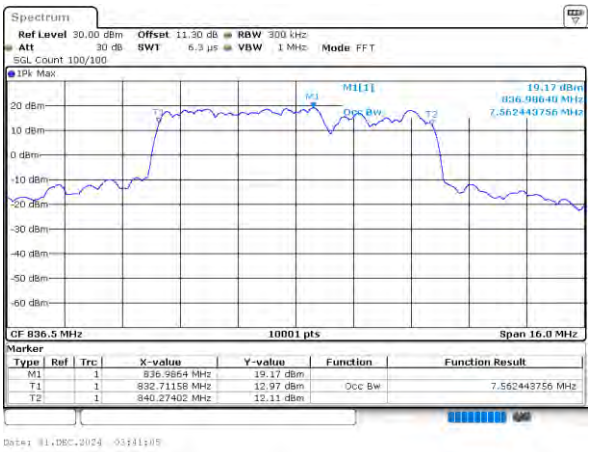
LTE Band 5B

64QAM

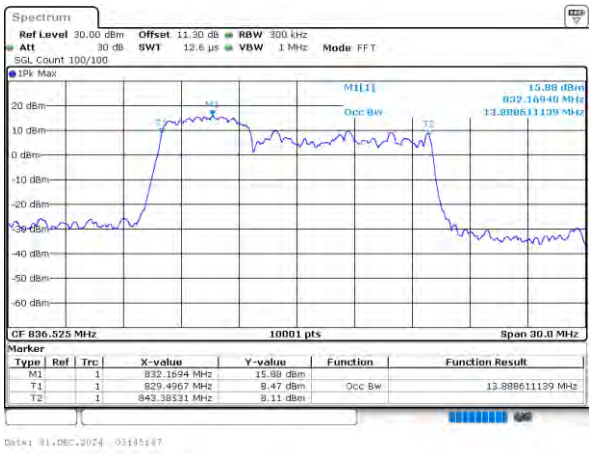
Middle Channel / 3MHz+5MHz



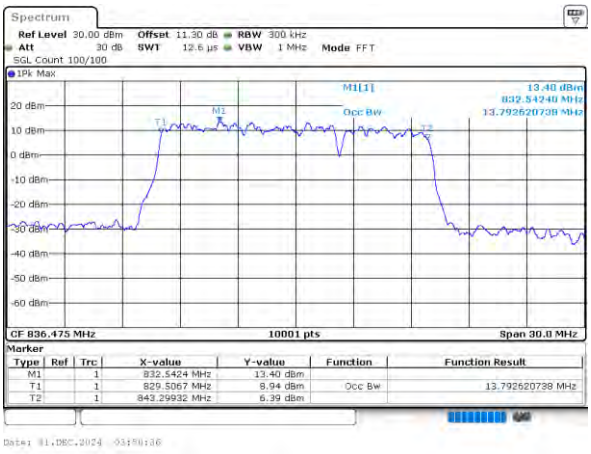
Middle Channel / 5MHz+3MHz



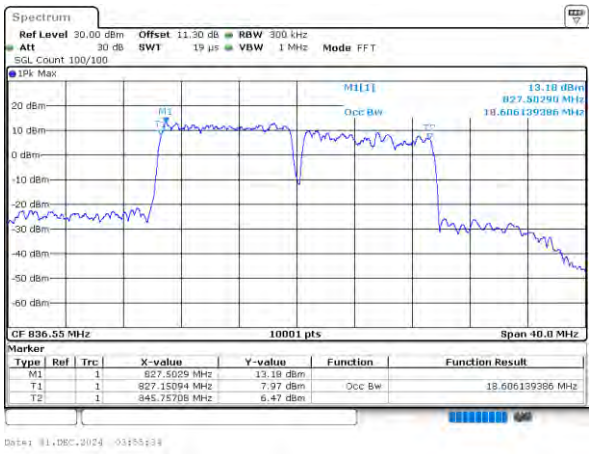
Middle Channel / 5MHz+10MHz



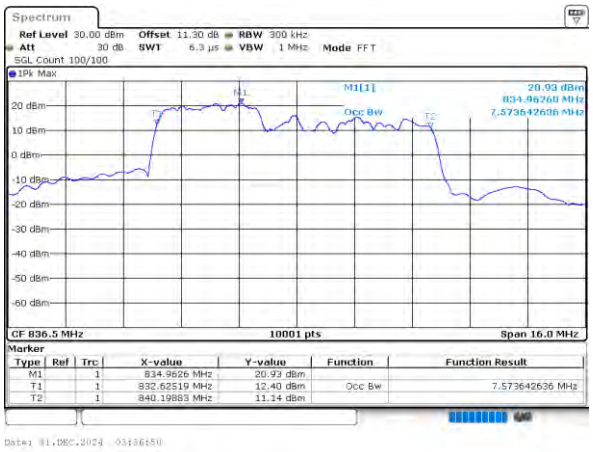
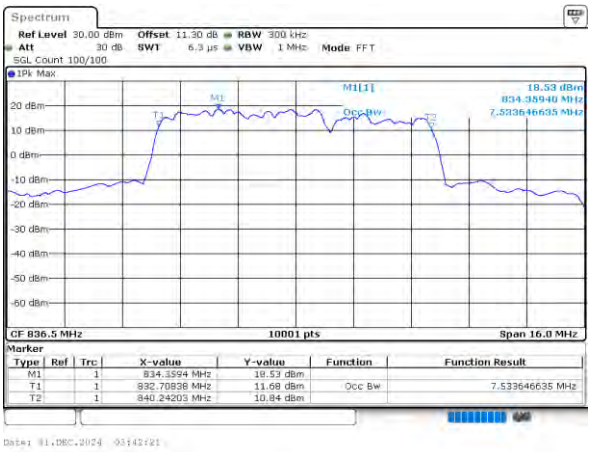
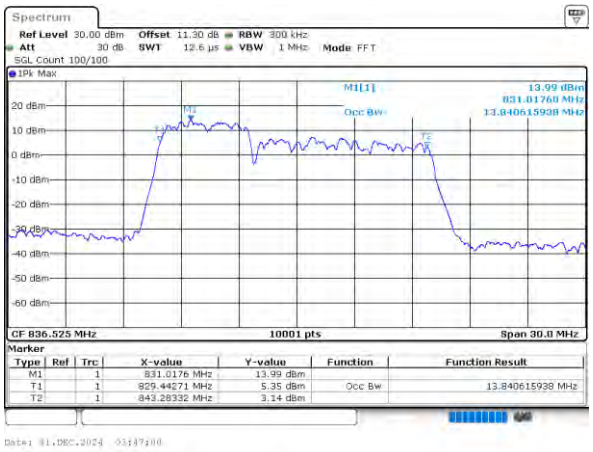
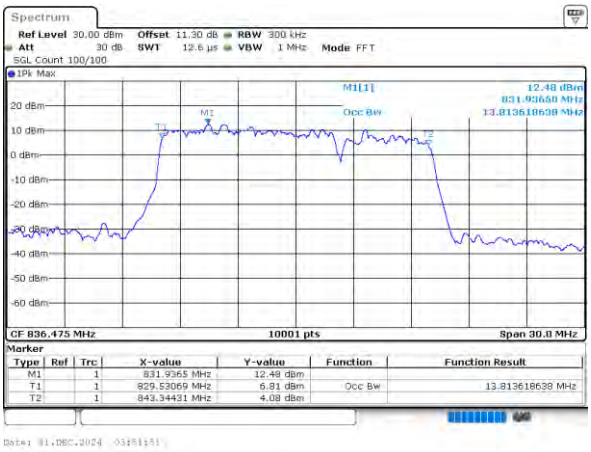
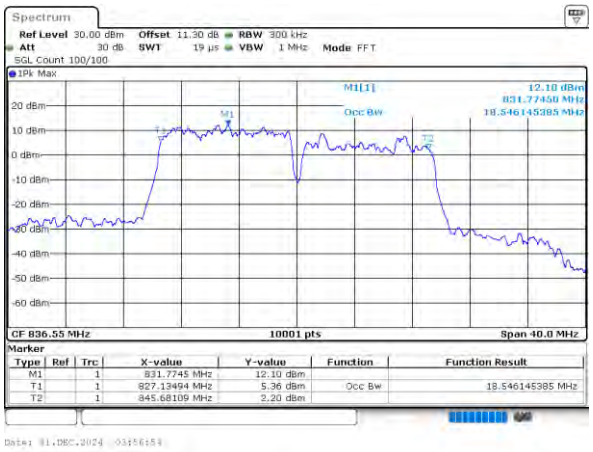
Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

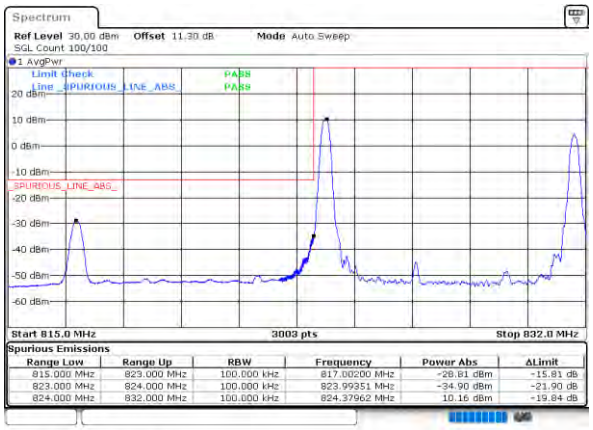
LTE Band 5B	
256QAM	
Middle Channel / 3MHz+5MHz	Middle Channel / 5MHz+3MHz
	
Middle Channel / 5MHz+10MHz	Middle Channel / 10MHz+5MHz
	
Middle Channel / 10MHz+10MHz	N/A
	

Conducted Band Edge

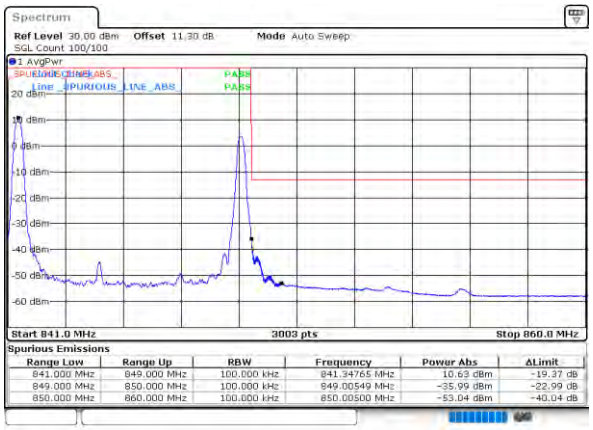
LTE Band 5B / 3MHz+5MHz

QPSK

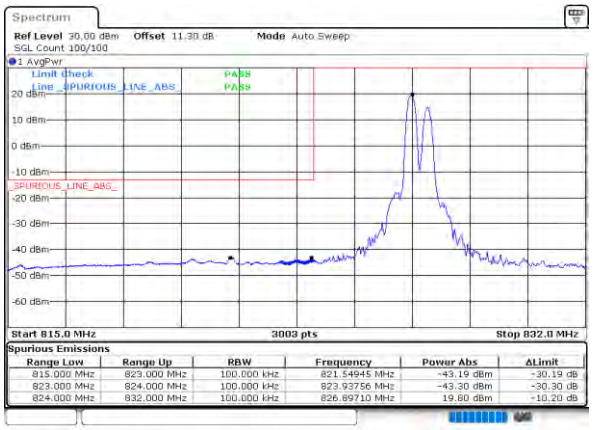
Lowest Band Edge / 1RB0 and 1RB24



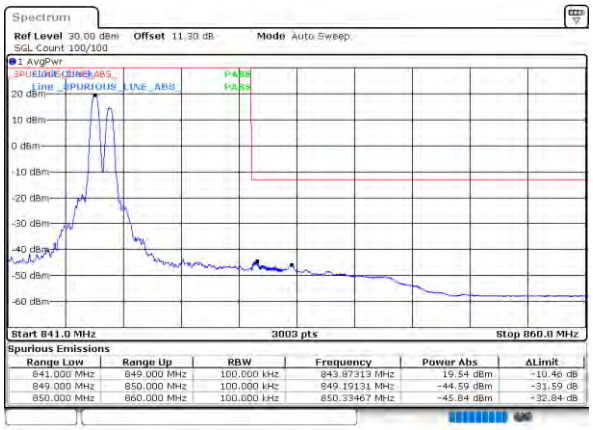
Highest Band Edge / 1RB0 and 1RB24



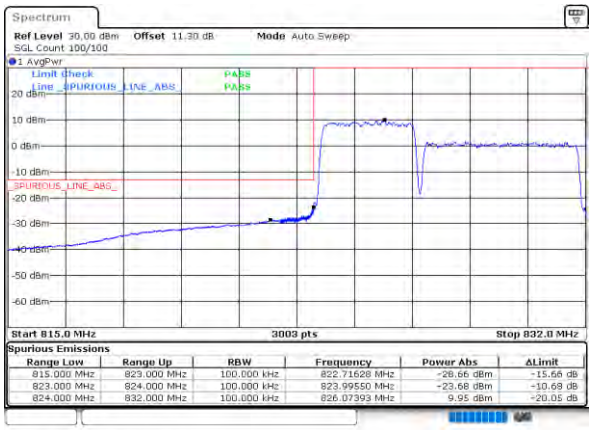
Lowest Band Edge / 1RB14 and 1RB0



Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB

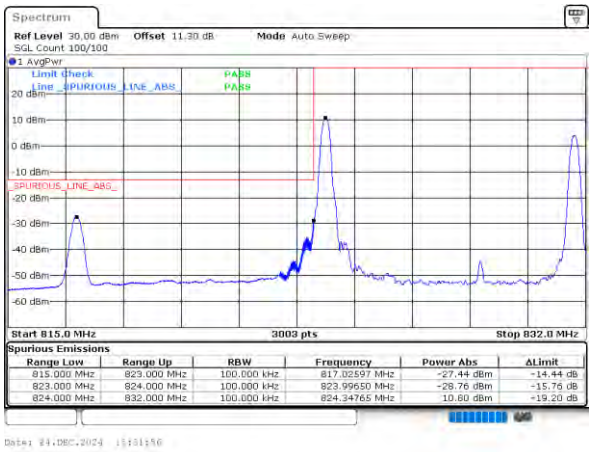


Highest Band Edge / Full RB

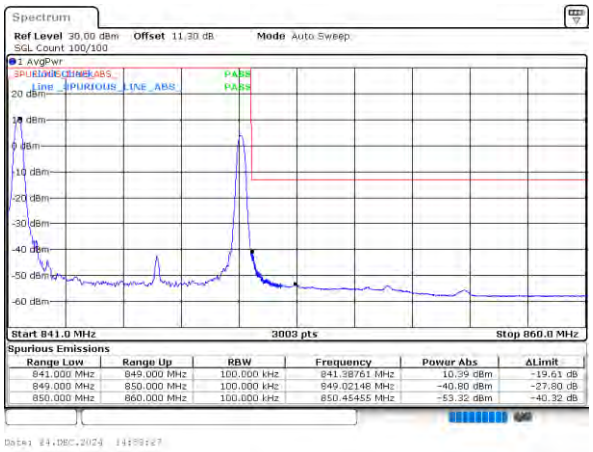
LTE Band 5B / 5MHz+3MHz

QPSK

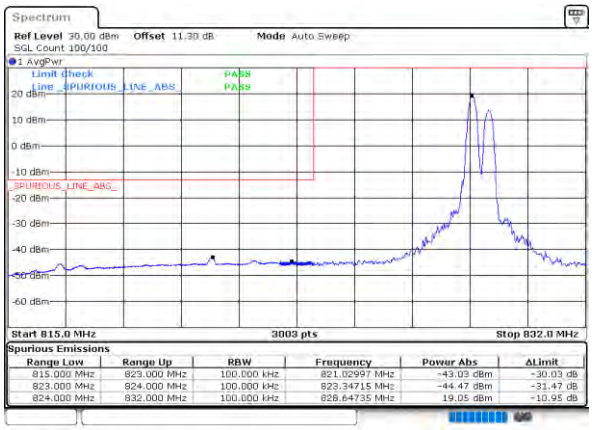
Lowest Band Edge / 1RB0 and 1RB14



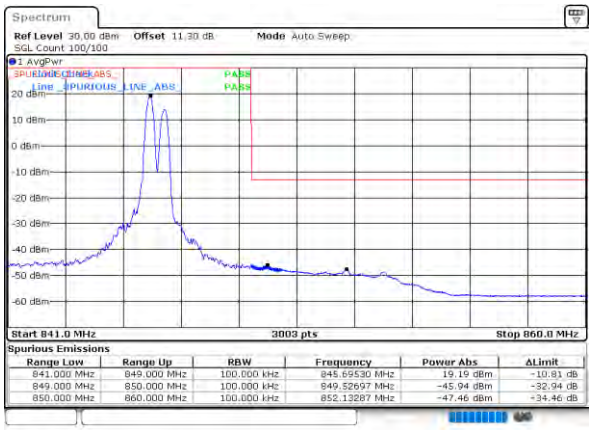
Highest Band Edge / 1RB0 and 1RB14



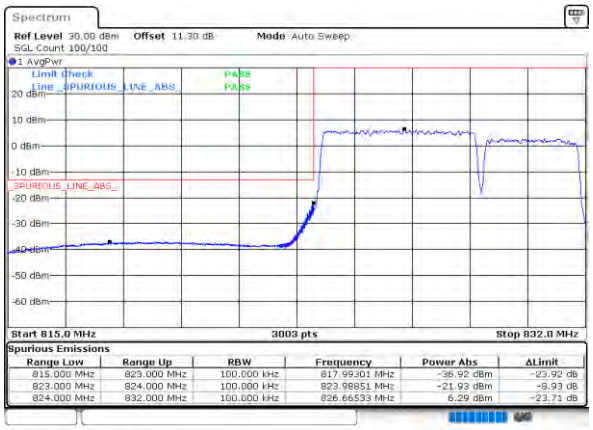
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

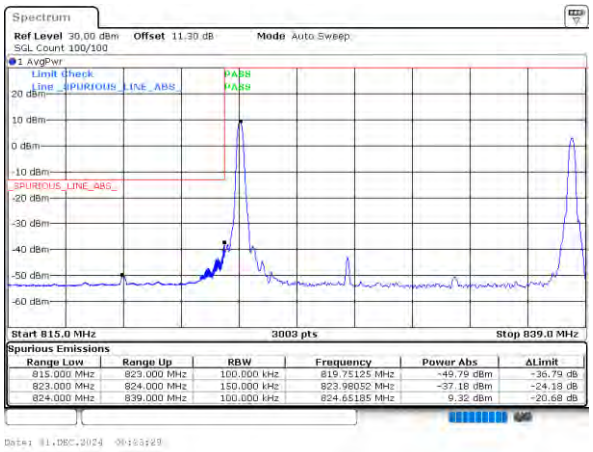


Highest Band Edge / Full RB

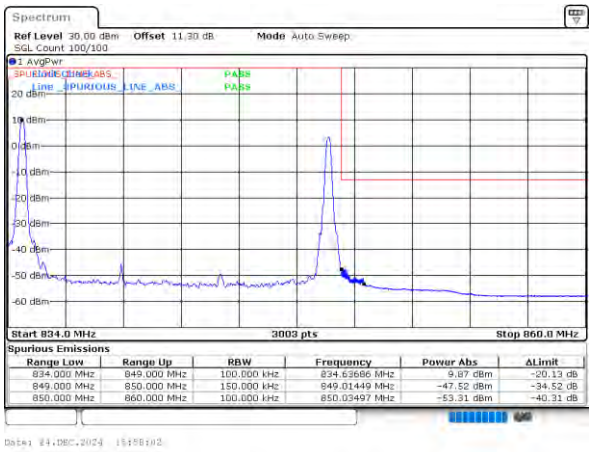
LTE Band 5B / 5MHz+10MHz

QPSK

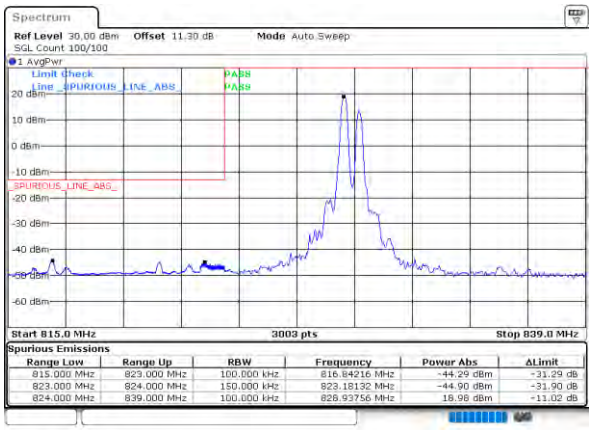
Lowest Band Edge / 1RB0 and 1RB49



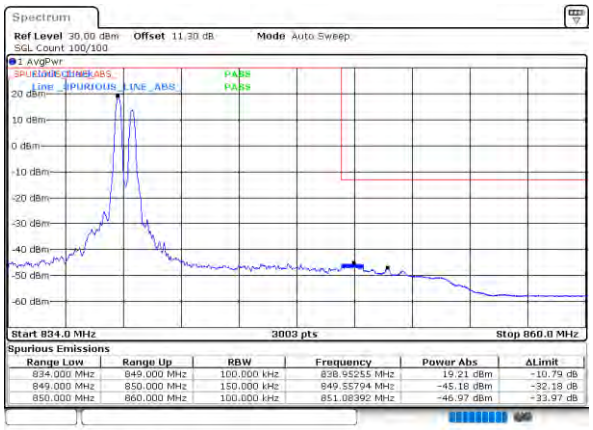
Highest Band Edge / 1RB0 and 1RB49



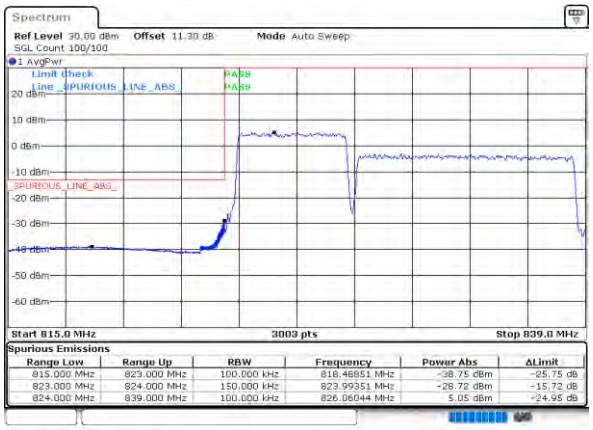
Lowest Band Edge / 1RB24 and 1RB0



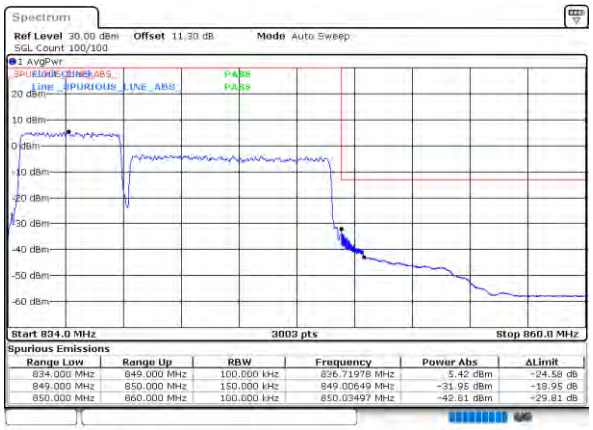
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



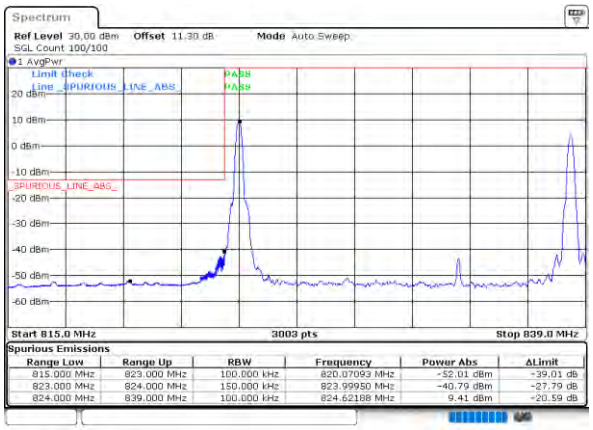
Highest Band Edge / Full RB



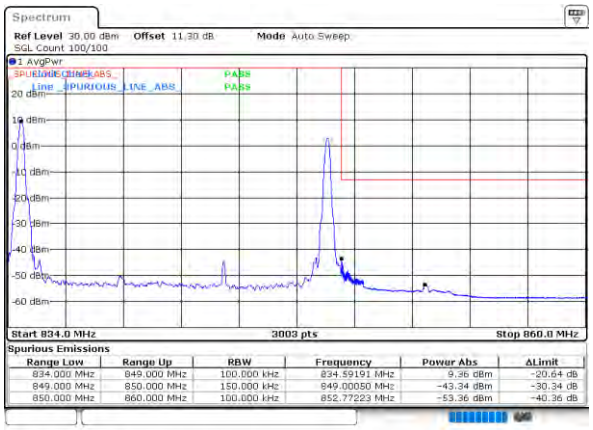
LTE Band 5B / 10MHz+5MHz

QPSK

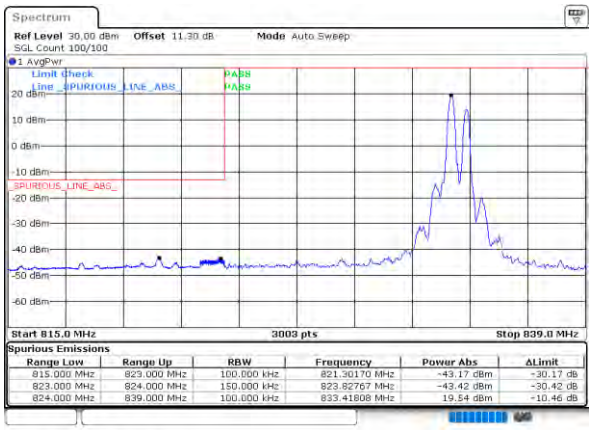
Lowest Band Edge / 1RB0 and 1RB24



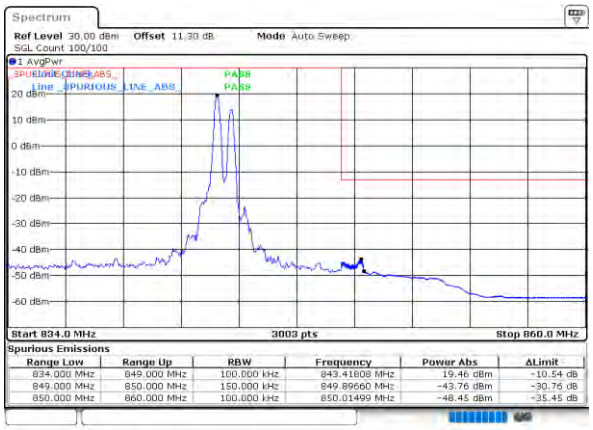
Highest Band Edge / 1RB0 and 1RB24



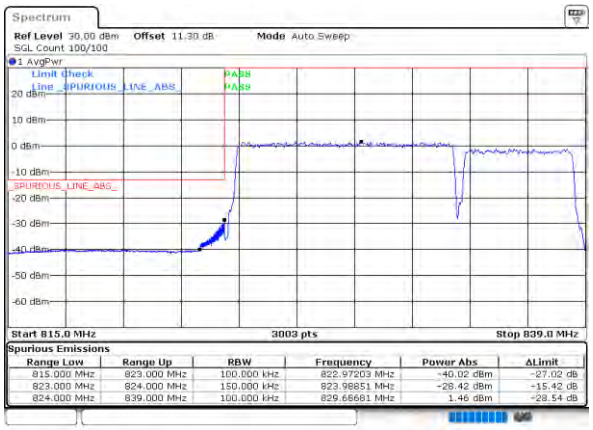
Lowest Band Edge / 1RB49 and 1RB0



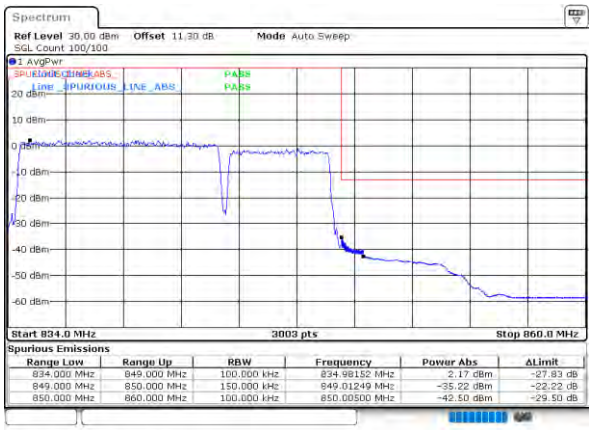
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



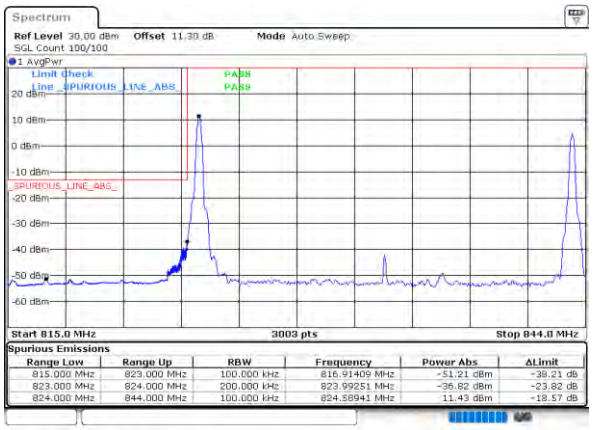
Highest Band Edge / Full RB



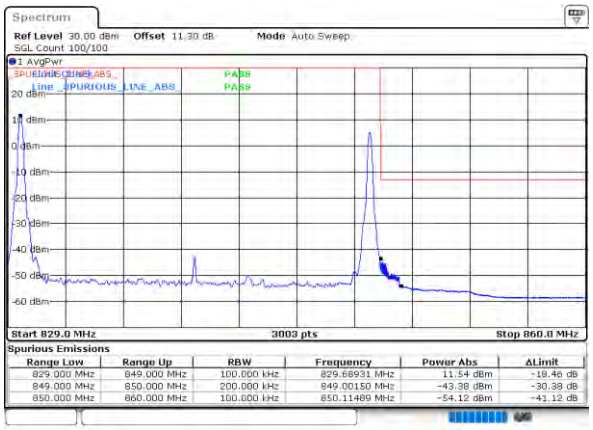
LTE Band 5B / 10MHz+10MHz

QPSK

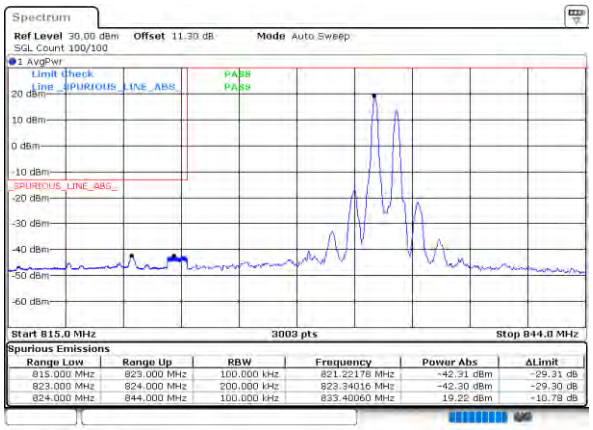
Lowest Band Edge / 1RB0 and 1RB49



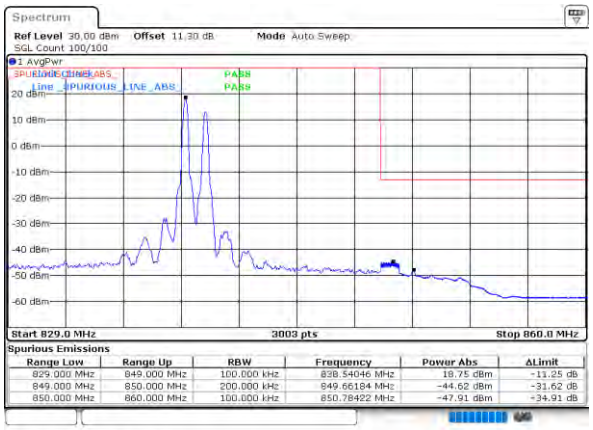
Highest Band Edge / 1RB0 and 1RB49



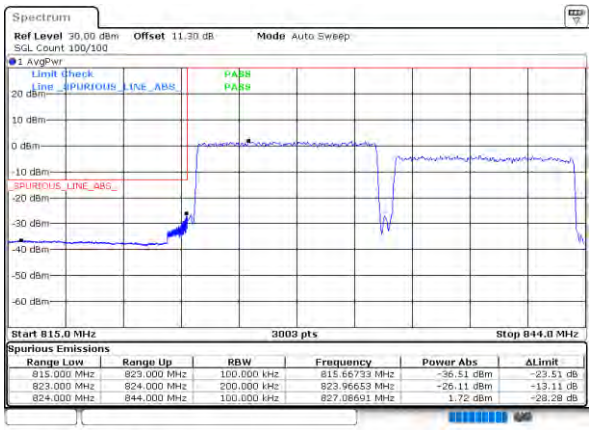
Lowest Band Edge / 1RB49 and 1RB0



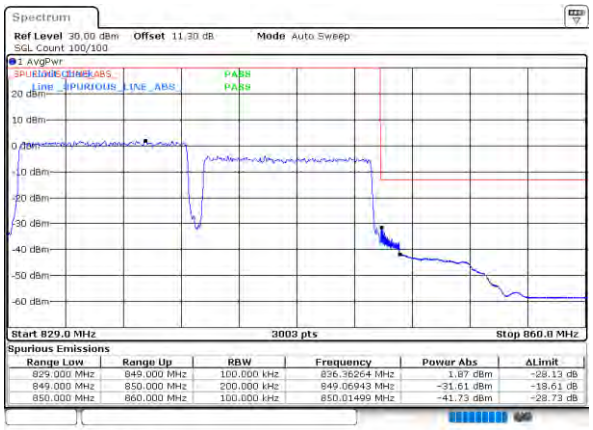
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



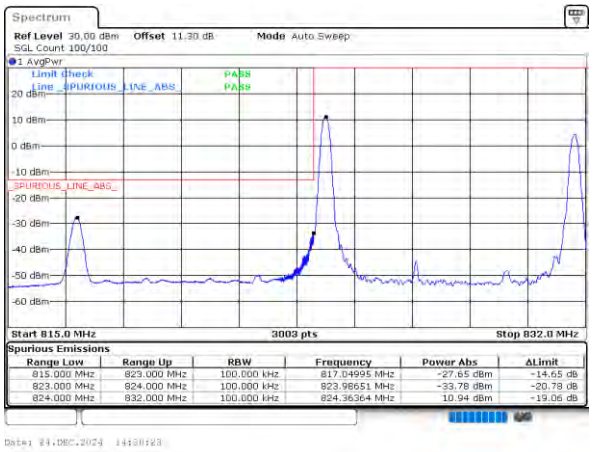
Highest Band Edge / Full RB



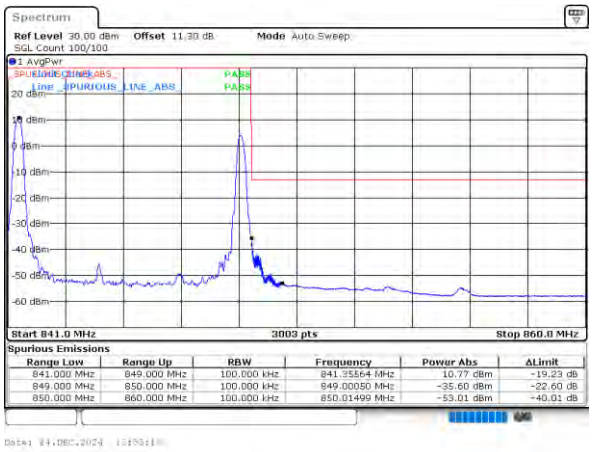
LTE Band 5B / 3MHz+5MHz

16QAM

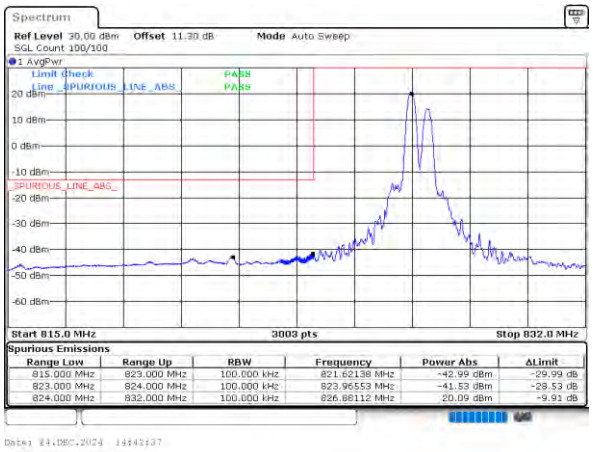
Lowest Band Edge / 1RB0 and 1RB24



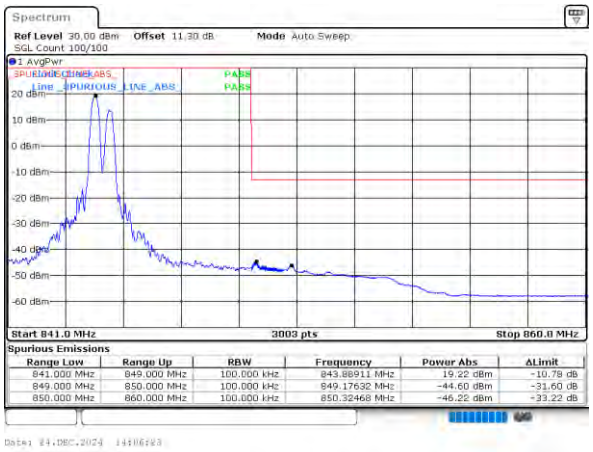
Highest Band Edge / 1RB0 and 1RB24



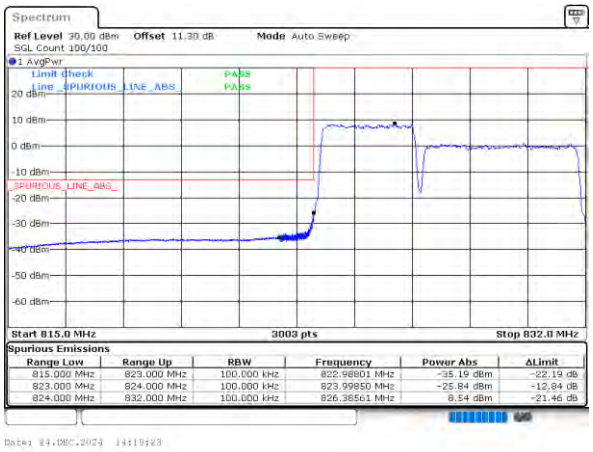
Lowest Band Edge / 1RB14 and 1RB0



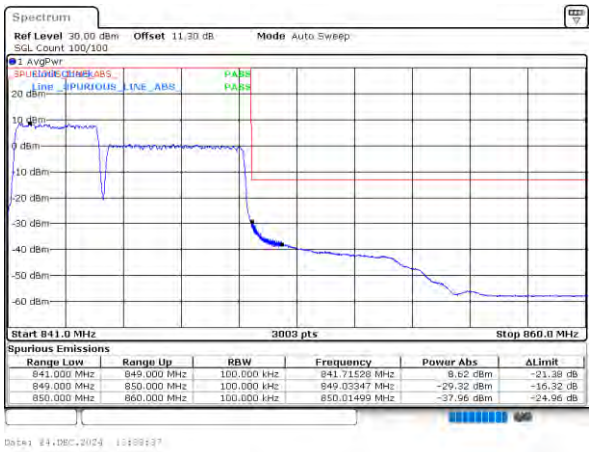
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



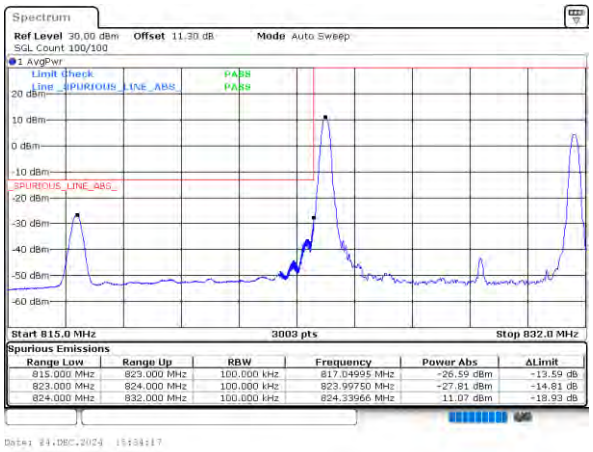
Highest Band Edge / Full RB



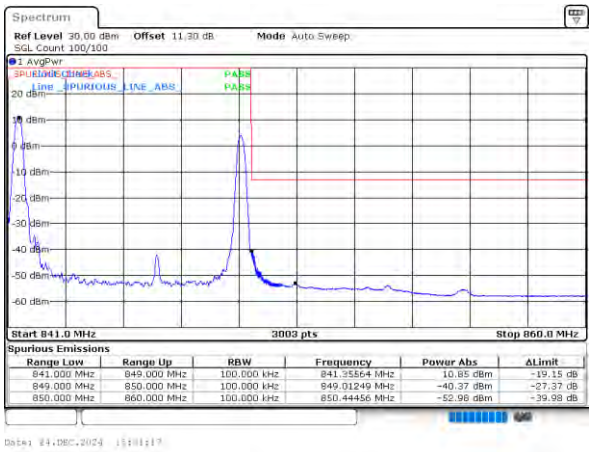
LTE Band 5B / 5MHz+3MHz

16QAM

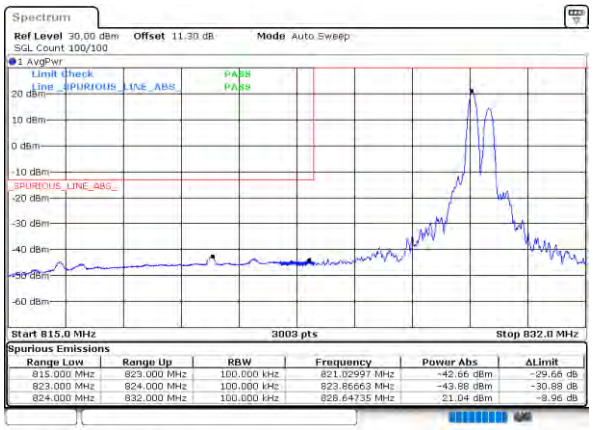
Lowest Band Edge / 1RB0 and 1RB14



Highest Band Edge / 1RB0 and 1RB14

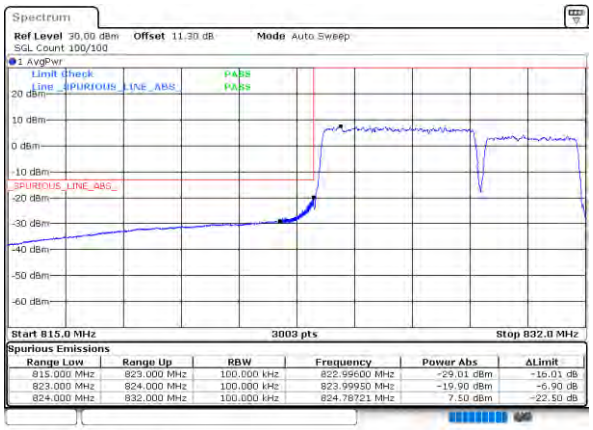


Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0

Lowest Band Edge / Full RB

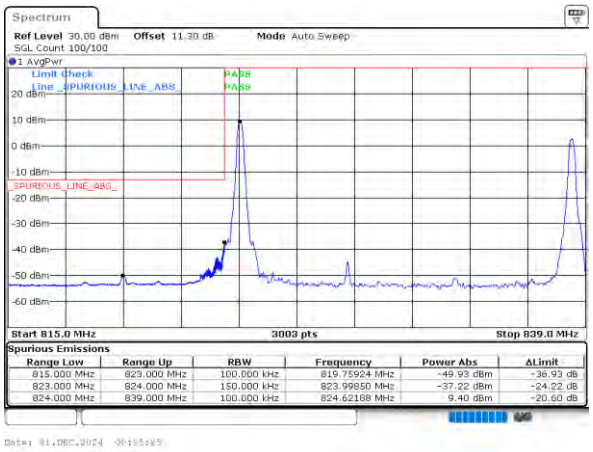


Highest Band Edge / Full RB

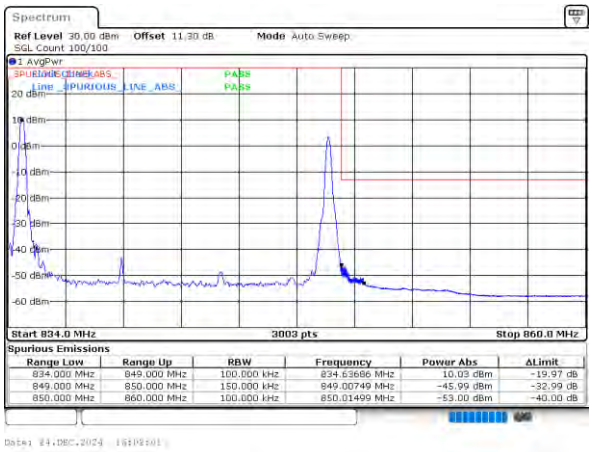
LTE Band 5B / 5MHz+10MHz

16QAM

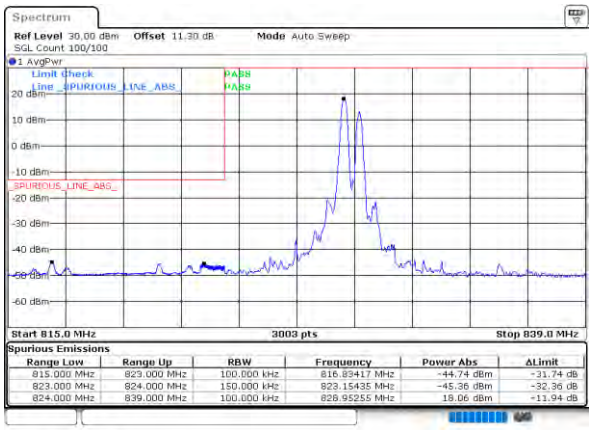
Lowest Band Edge / 1RB0 and 1RB49



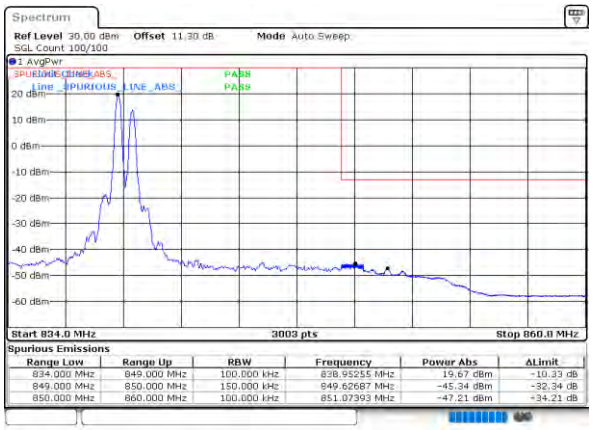
Highest Band Edge / 1RB0 and 1RB49



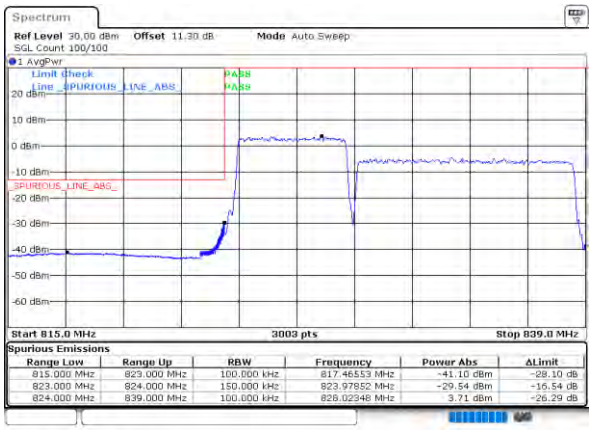
Lowest Band Edge / 1RB24 and 1RB0



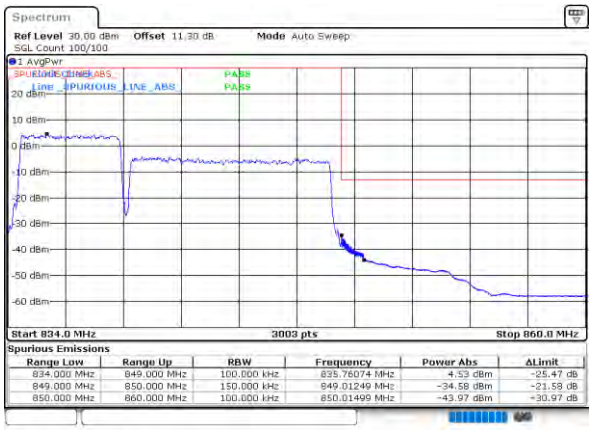
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



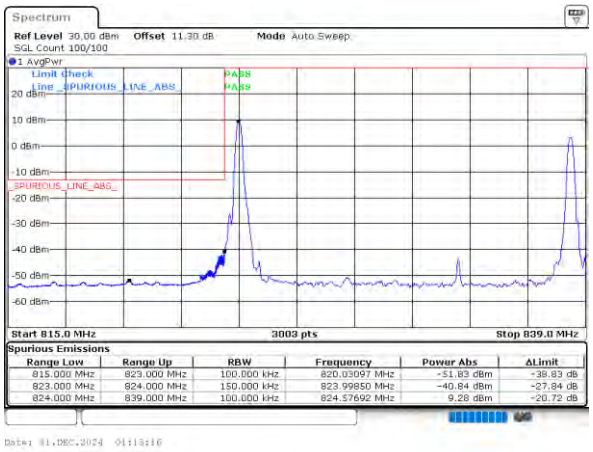
Highest Band Edge / Full RB



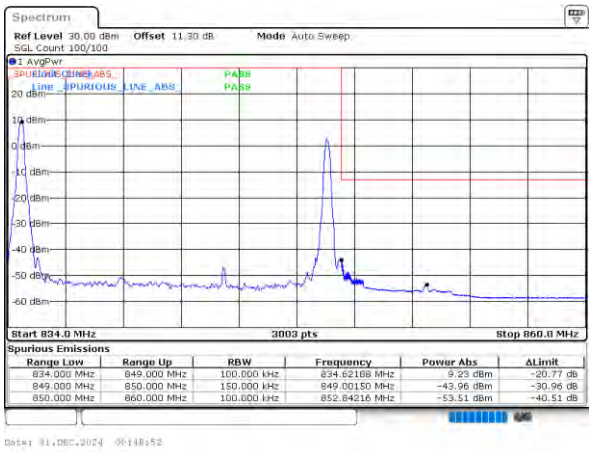
LTE Band 5B / 10MHz+5MHz

16QAM

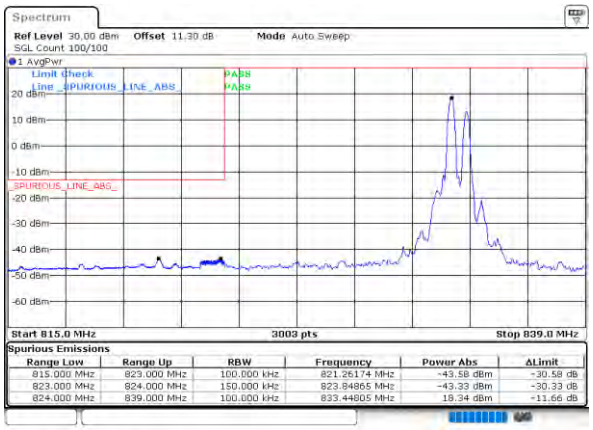
Lowest Band Edge / 1RB0 and 1RB24



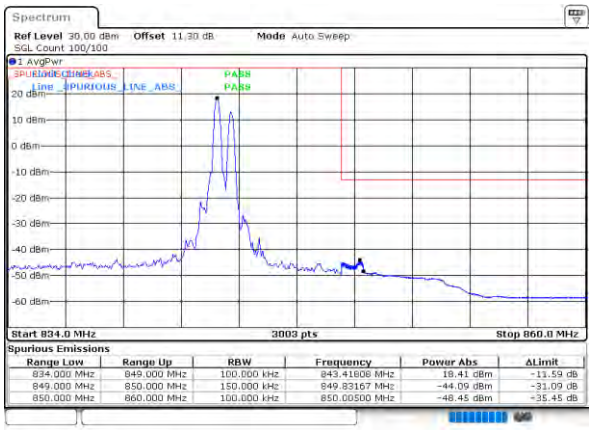
Highest Band Edge / 1RB0 and 1RB24



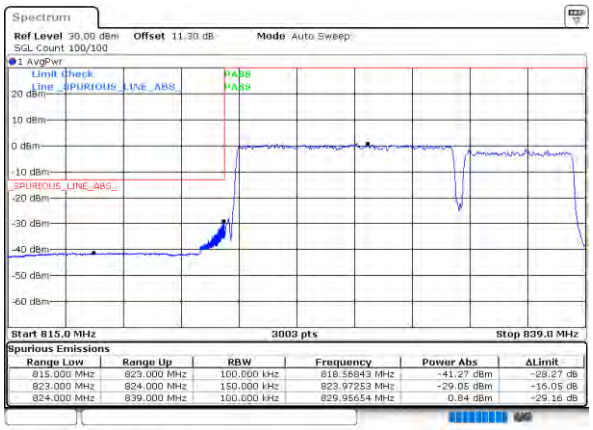
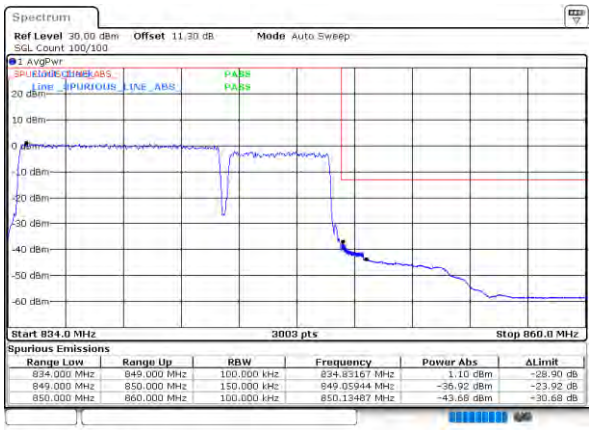
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB