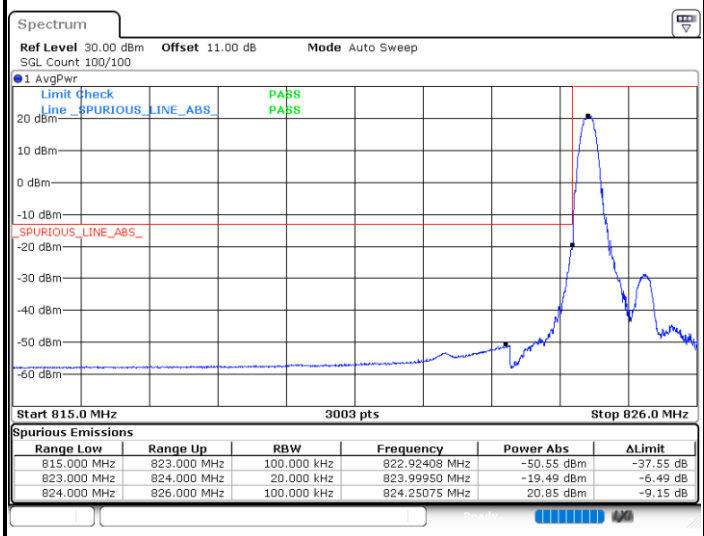
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

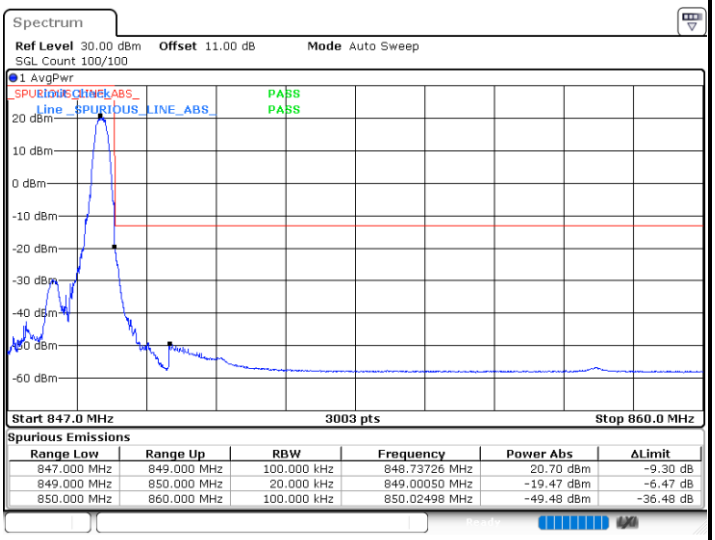


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.92408 MHz	-50.55 dBm	-37.55 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-19.49 dBm	-6.49 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.25075 MHz	20.85 dBm	-9.15 dB

Date: 21.DEC.2023 16:24:37

Highest Band Edge / 1 RB

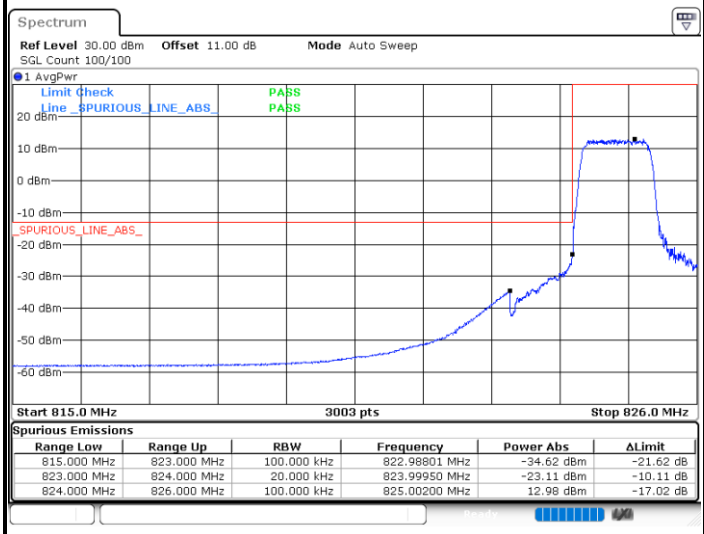


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.73726 MHz	20.70 dBm	-9.30 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-19.47 dBm	-6.47 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-49.48 dBm	-36.48 dB

Date: 21.DEC.2023 16:37:16

Lowest Band Edge / Full RB

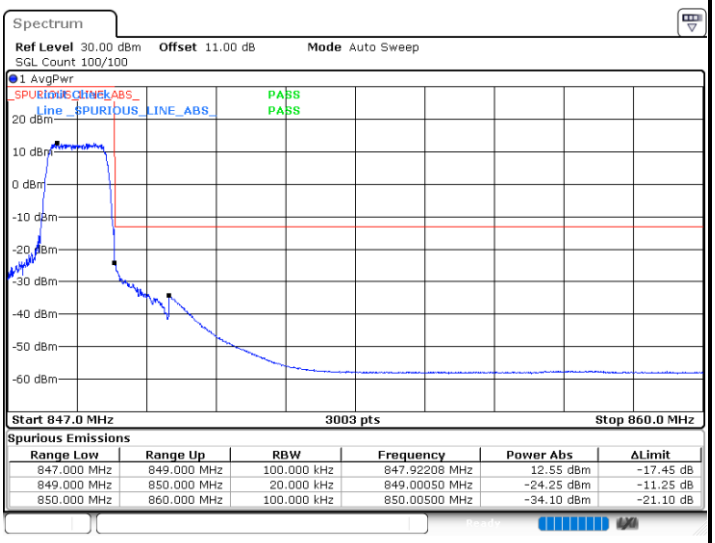


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-34.62 dBm	-21.62 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-23.11 dBm	-10.11 dB
824.000 MHz	826.000 MHz	100.000 kHz	825.00200 MHz	12.98 dBm	-17.02 dB

Date: 21.DEC.2023 16:28:08

Highest Band Edge / Full RB



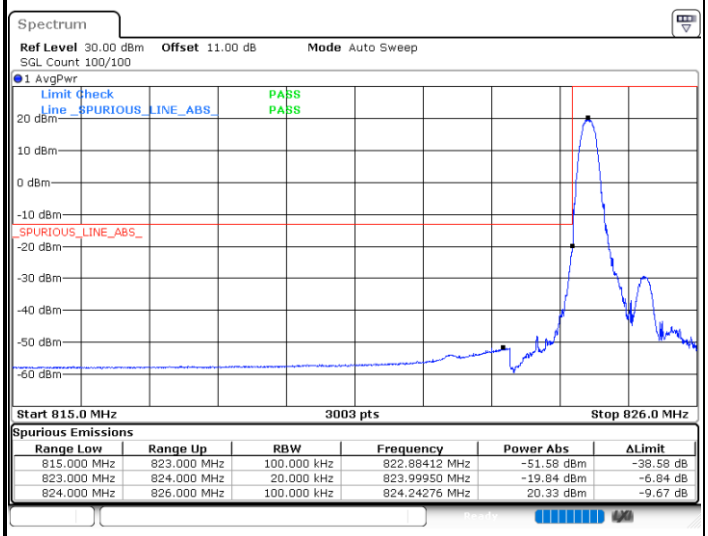
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.92208 MHz	12.55 dBm	-17.45 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-24.25 dBm	-11.25 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-34.10 dBm	-21.10 dB

Date: 21.DEC.2023 16:45:07

LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

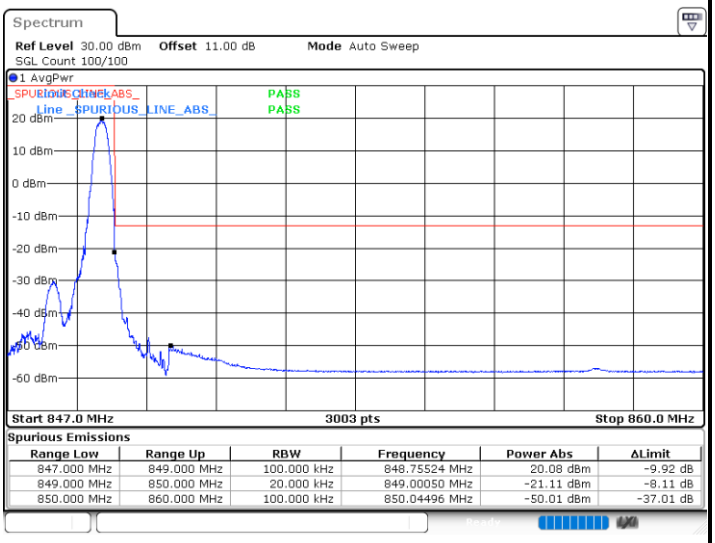


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.88412 MHz	-51.58 dBm	-38.58 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-19.84 dBm	-6.84 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24276 MHz	20.33 dBm	-9.67 dB

Date: 21.DEC.2023 16:25:29

Highest Band Edge / 1 RB

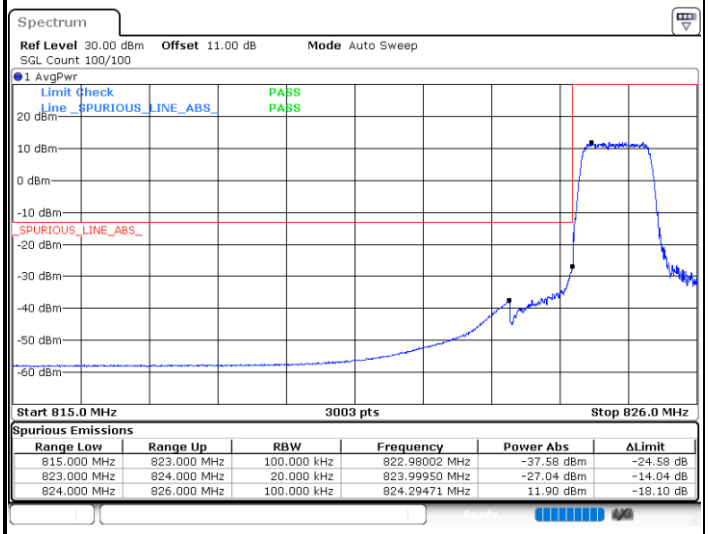


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.75524 MHz	20.08 dBm	-9.92 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-21.11 dBm	-8.11 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-50.01 dBm	-37.01 dB

Date: 21.DEC.2023 16:38:08

Lowest Band Edge / Full RB

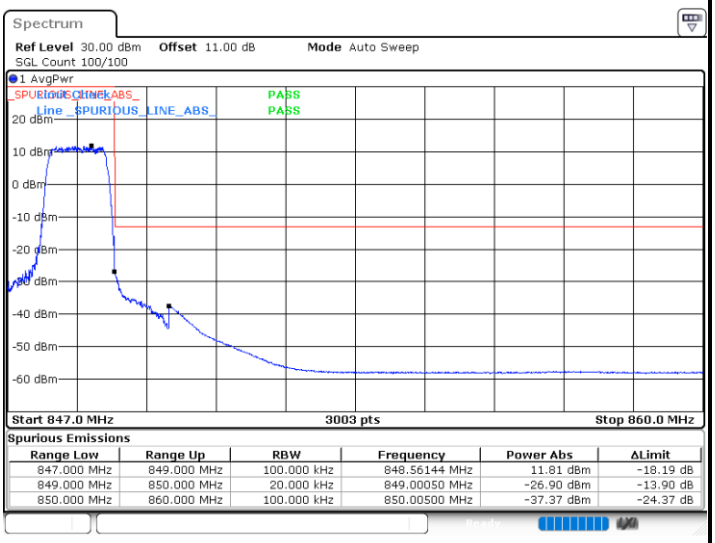


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-37.58 dBm	-24.58 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-27.04 dBm	-14.04 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.29471 MHz	11.90 dBm	-18.10 dB

Date: 21.DEC.2023 16:29:00

Highest Band Edge / Full RB



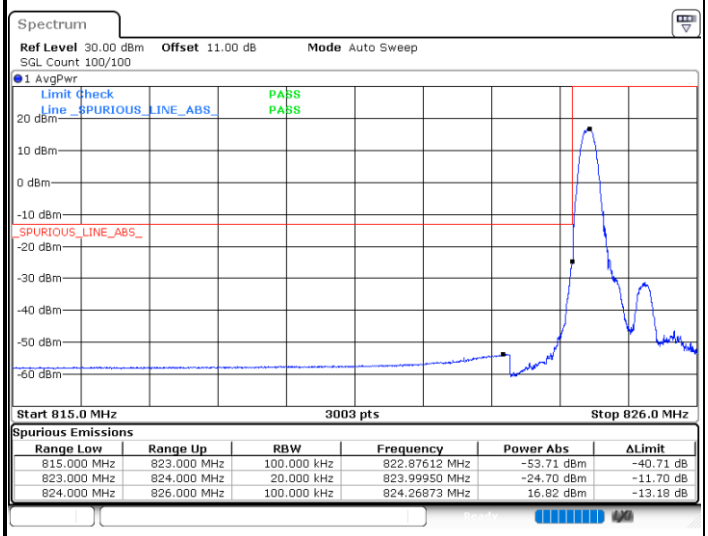
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.56144 MHz	11.81 dBm	-18.19 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-26.90 dBm	-13.90 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-37.37 dBm	-24.37 dB

Date: 21.DEC.2023 16:45:59

LTE Band 5 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

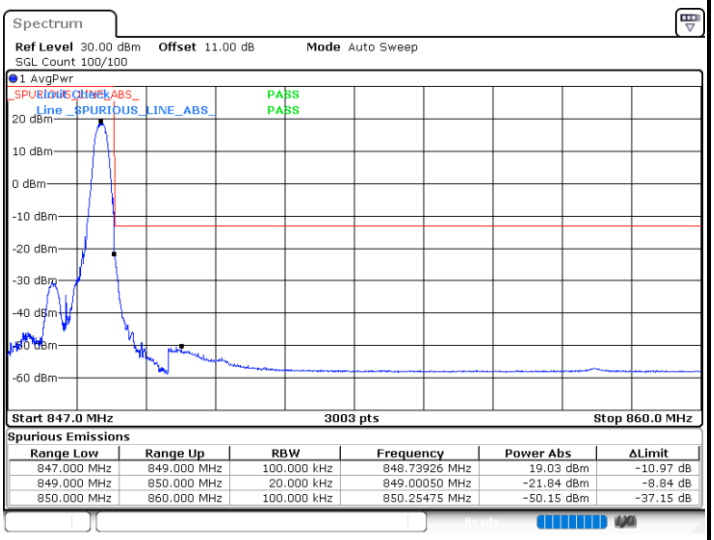


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.87612 MHz	-53.71 dBm	-40.71 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-24.70 dBm	-11.70 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.26873 MHz	16.82 dBm	-13.18 dB

Date: 21.DEC.2023 16:26:21

Highest Band Edge / 1 RB

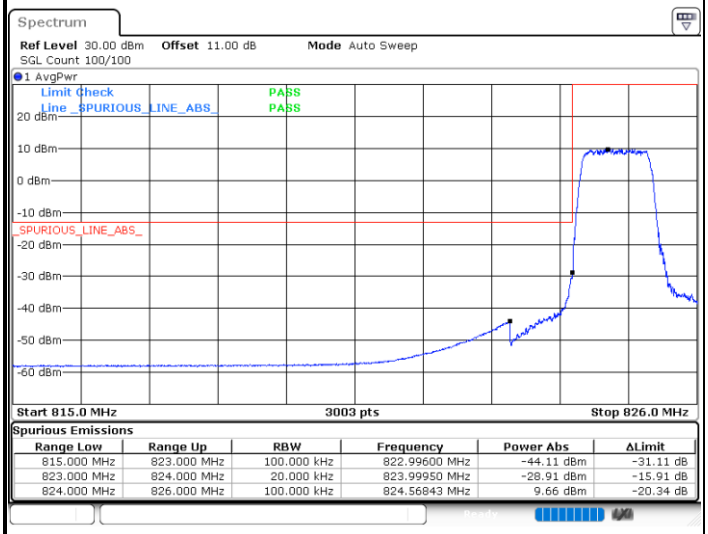


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.73926 MHz	19.03 dBm	-10.97 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-21.84 dBm	-8.84 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.25475 MHz	-50.15 dBm	-37.15 dB

Date: 21.DEC.2023 19:27:28

Lowest Band Edge / Full RB

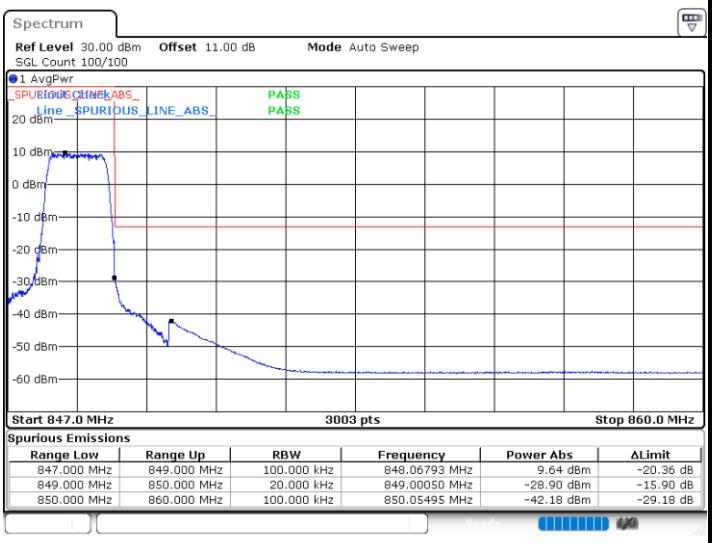


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-44.11 dBm	-31.11 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-28.91 dBm	-15.91 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.56843 MHz	9.66 dBm	-20.34 dB

Date: 21.DEC.2023 16:29:52

Highest Band Edge / Full RB



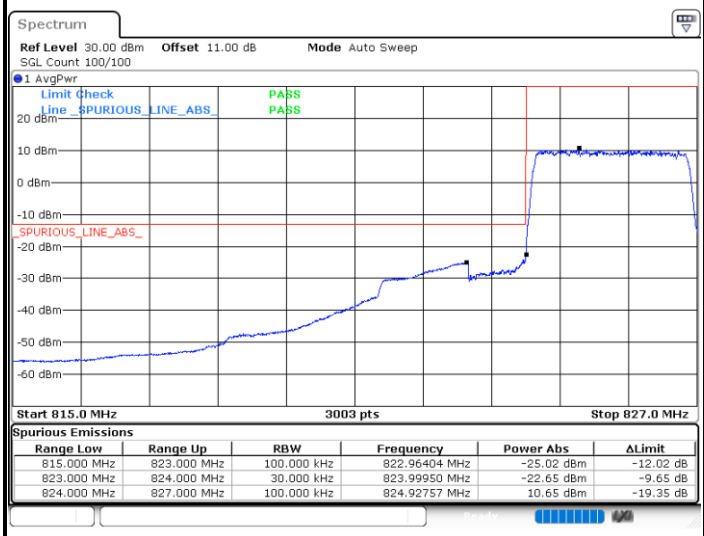
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.06793 MHz	9.64 dBm	-20.36 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-28.90 dBm	-15.90 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-42.18 dBm	-29.18 dB

Date: 21.DEC.2023 16:46:51

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / Full RB

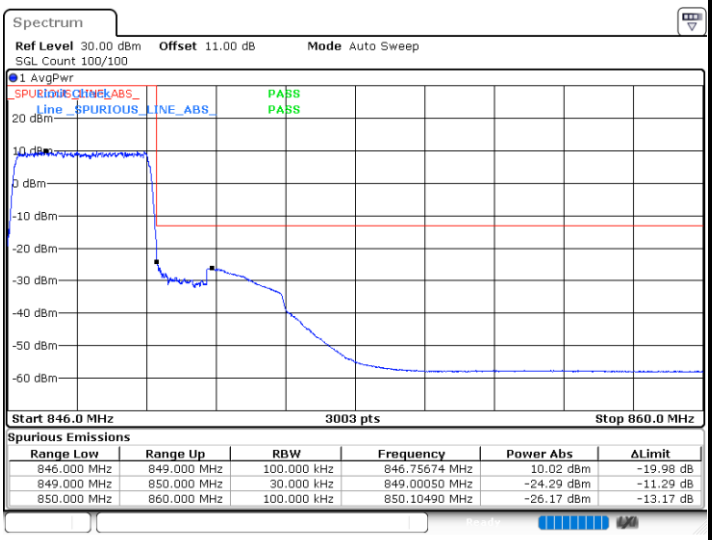


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-25.02 dBm	-12.02 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-22.65 dBm	-9.65 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.92757 MHz	10.65 dBm	-19.35 dB

Date: 21.DEC.2023 16:53:04

Highest Band Edge / Full RB



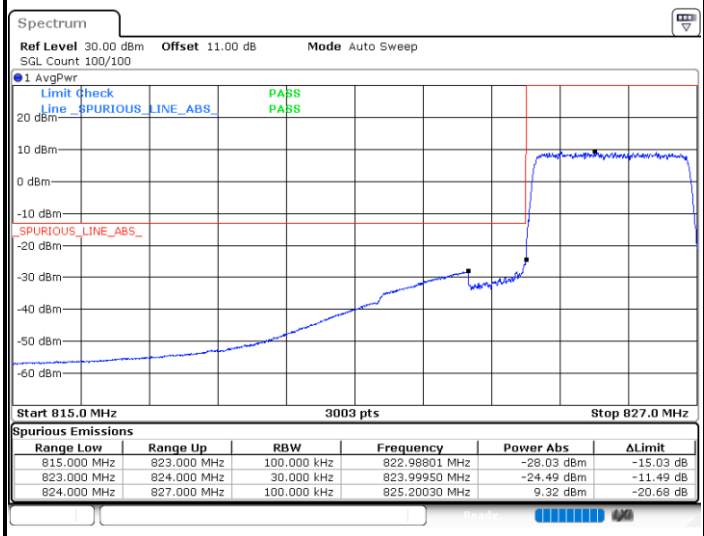
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.75674 MHz	10.02 dBm	-19.98 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-24.29 dBm	-11.29 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.10490 MHz	-26.17 dBm	-13.17 dB

Date: 21.DEC.2023 17:14:40

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / Full RB

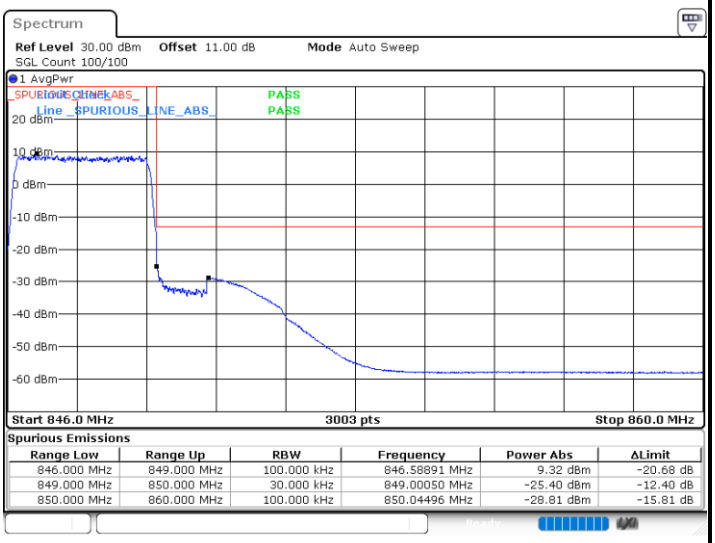


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-28.03 dBm	-15.03 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-24.49 dBm	-11.49 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.20030 MHz	9.32 dBm	-20.68 dB

Date: 21.DEC.2023 16:53:56

Highest Band Edge / Full RB



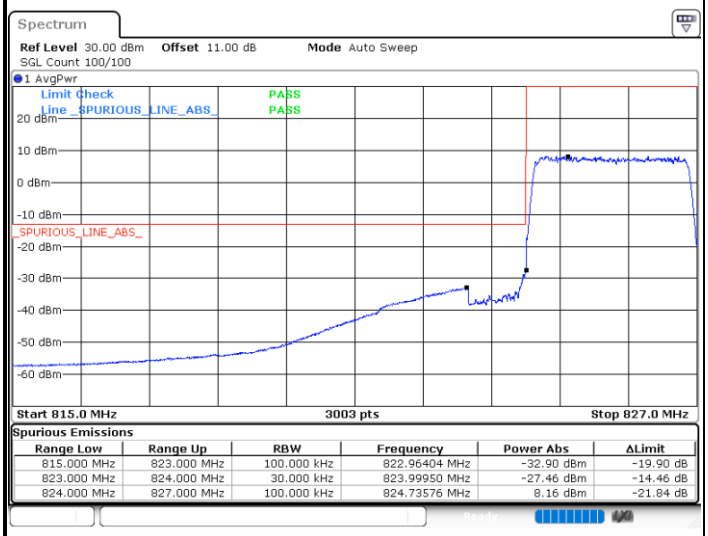
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.58891 MHz	9.32 dBm	-20.68 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-25.40 dBm	-12.40 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-28.81 dBm	-15.81 dB

Date: 21.DEC.2023 17:15:32

LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / Full RB

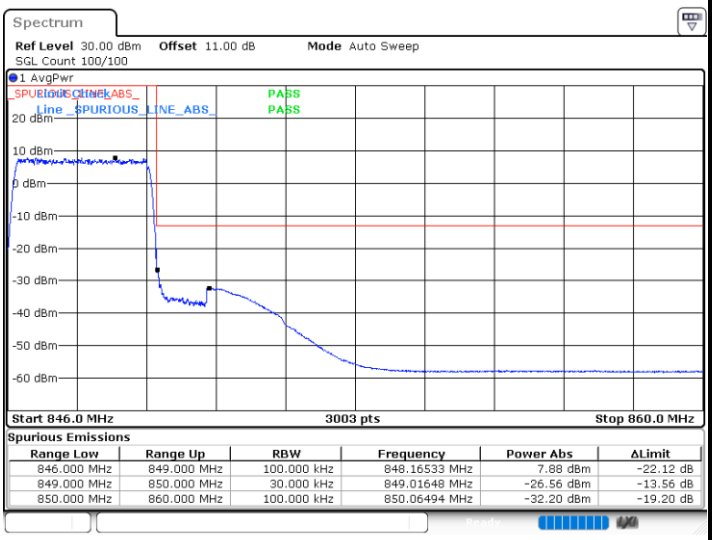


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-32.90 dBm	-19.90 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-27.46 dBm	-14.46 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.73576 MHz	8.16 dBm	-21.84 dB

Date: 21.DEC.2023 16:54:48

Highest Band Edge / Full RB



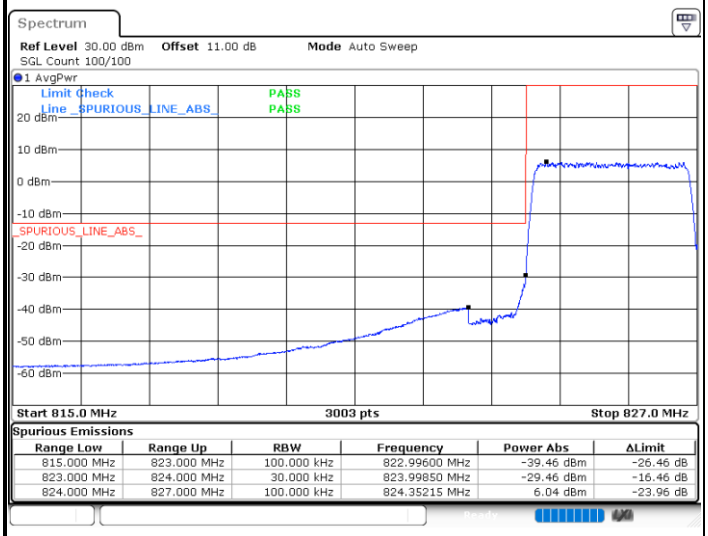
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.16533 MHz	7.88 dBm	-22.12 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.01648 MHz	-26.56 dBm	-13.56 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.06494 MHz	-32.20 dBm	-19.20 dB

Date: 21.DEC.2023 17:16:24

LTE Band 5 / 3MHz / 256QAM

Lowest Band Edge / Full RB

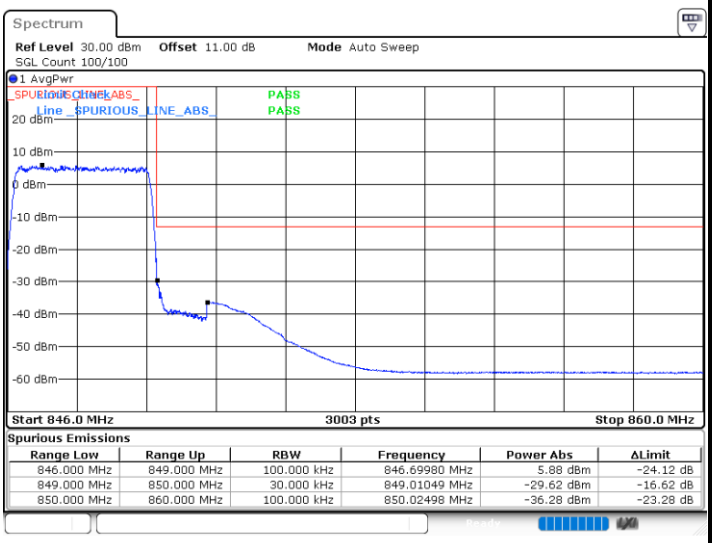


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-39.46 dBm	-26.46 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-29.46 dBm	-16.46 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.35215 MHz	6.04 dBm	-23.96 dB

Date: 21.DEC.2023 17:03:54

Highest Band Edge / Full RB



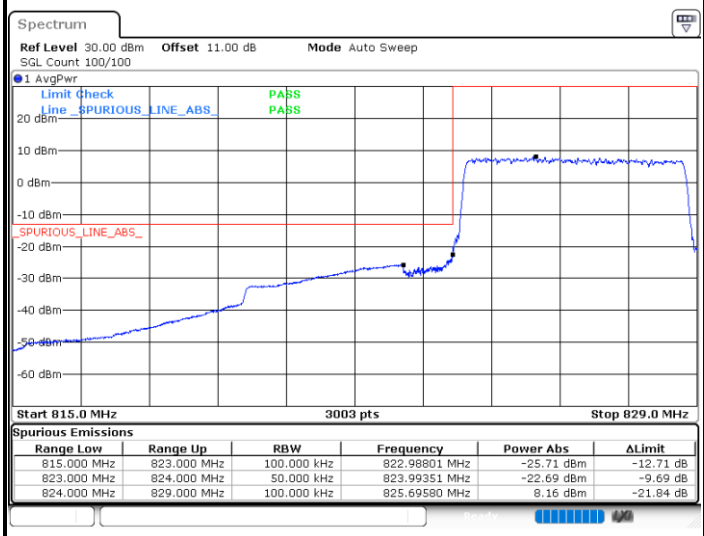
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.69980 MHz	5.88 dBm	-24.12 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.01049 MHz	-29.62 dBm	-16.62 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-36.28 dBm	-23.28 dB

Date: 21.DEC.2023 17:17:16

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / Full RB

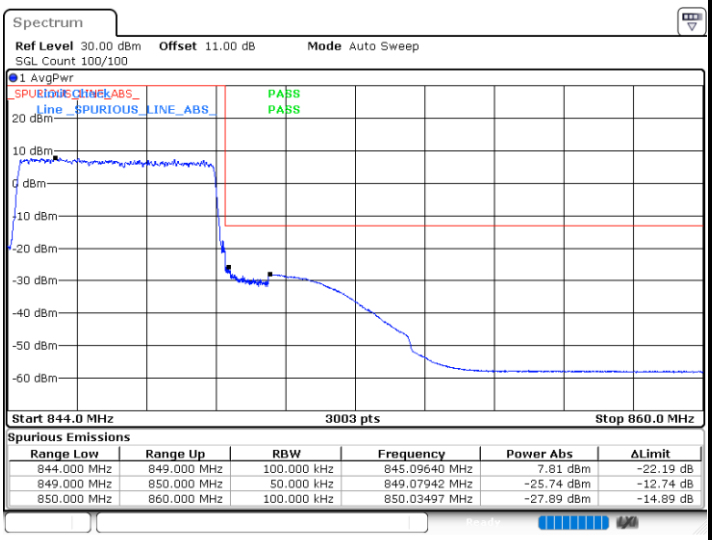


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-25.71 dBm	-12.71 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99351 MHz	-22.69 dBm	-9.69 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.69580 MHz	8.16 dBm	-21.84 dB

Date: 21.DEC.2023 17:23:18

Highest Band Edge / Full RB



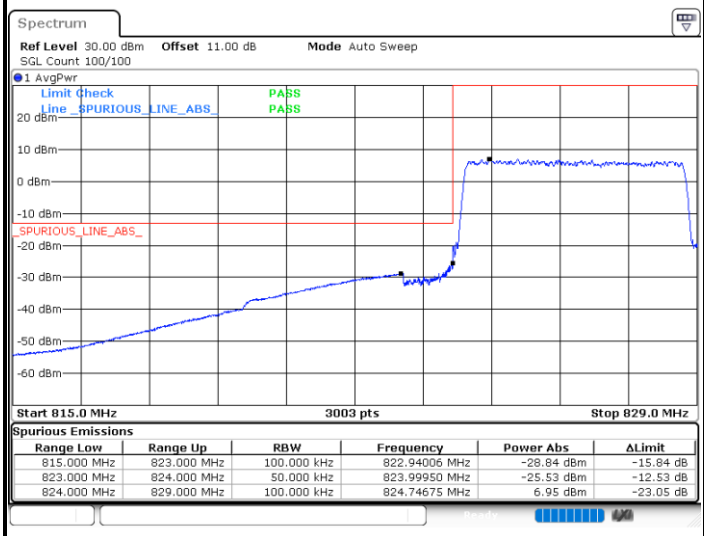
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.09640 MHz	7.81 dBm	-22.19 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.07942 MHz	-25.74 dBm	-12.74 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-27.89 dBm	-14.89 dB

Date: 21.DEC.2023 17:35:57

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / Full RB

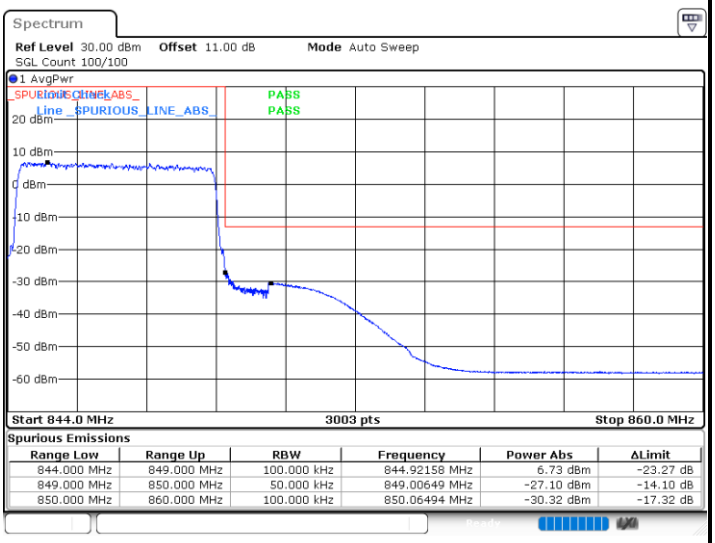


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-28.84 dBm	-15.84 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-25.53 dBm	-12.53 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.74675 MHz	6.95 dBm	-23.05 dB

Date: 21.DEC.2023 17:24:10

Highest Band Edge / Full RB



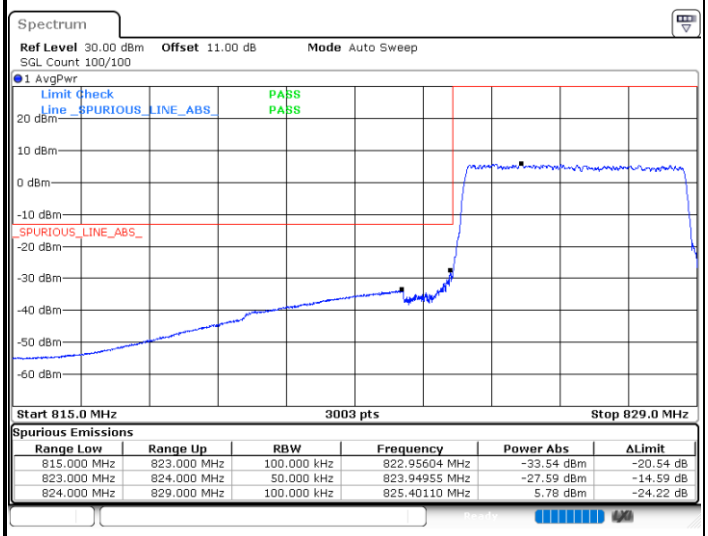
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.92158 MHz	6.73 dBm	-23.27 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00649 MHz	-27.10 dBm	-14.10 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.06494 MHz	-30.32 dBm	-17.32 dB

Date: 21.DEC.2023 17:36:49

LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / Full RB

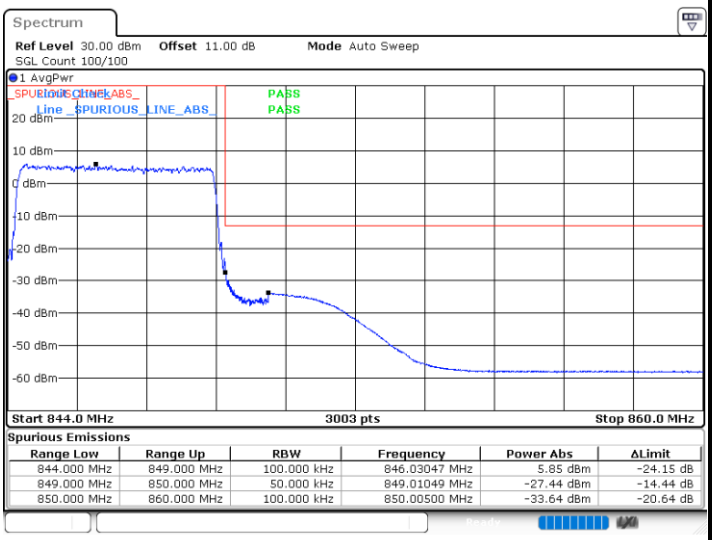


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-33.54 dBm	-20.54 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.94955 MHz	-27.59 dBm	-14.59 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.40110 MHz	5.78 dBm	-24.22 dB

Date: 21.DEC.2023 17:25:02

Highest Band Edge / Full RB



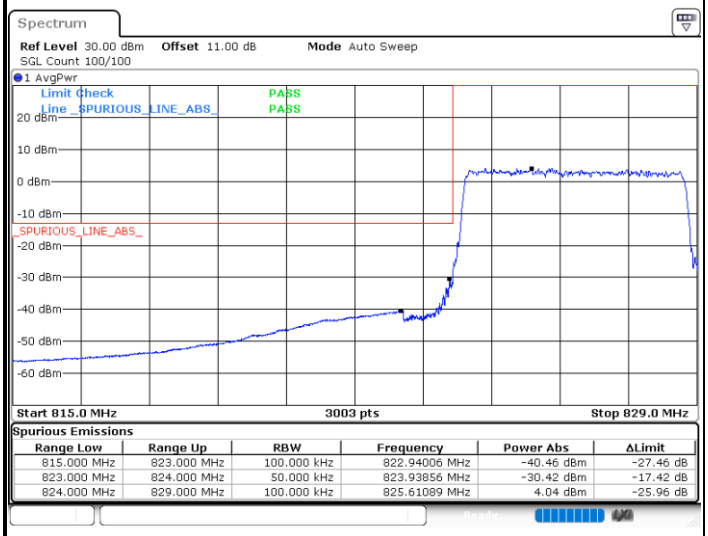
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.03047 MHz	5.85 dBm	-24.15 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.01049 MHz	-27.44 dBm	-14.44 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-33.64 dBm	-20.64 dB

Date: 21.DEC.2023 17:37:41

LTE Band 5 / 5MHz / 256QAM

Lowest Band Edge / Full RB

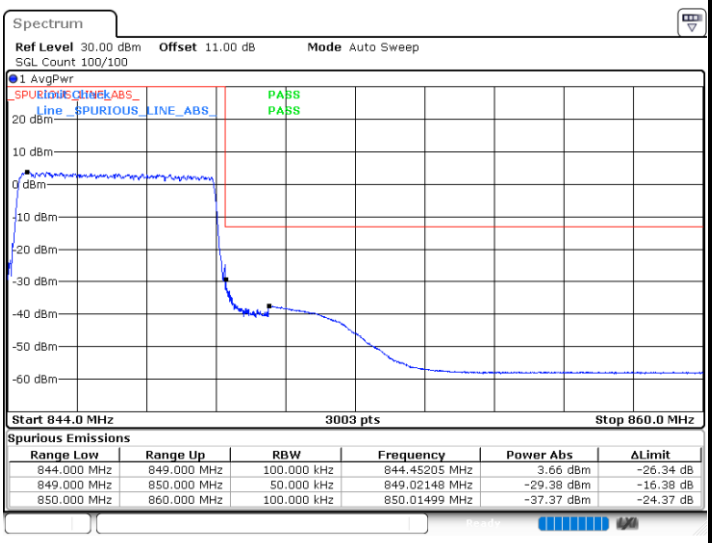


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-40.46 dBm	-27.46 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.93856 MHz	-30.42 dBm	-17.42 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.61089 MHz	4.04 dBm	-25.96 dB

Date: 21.DEC.2023 17:25:54

Highest Band Edge / Full RB



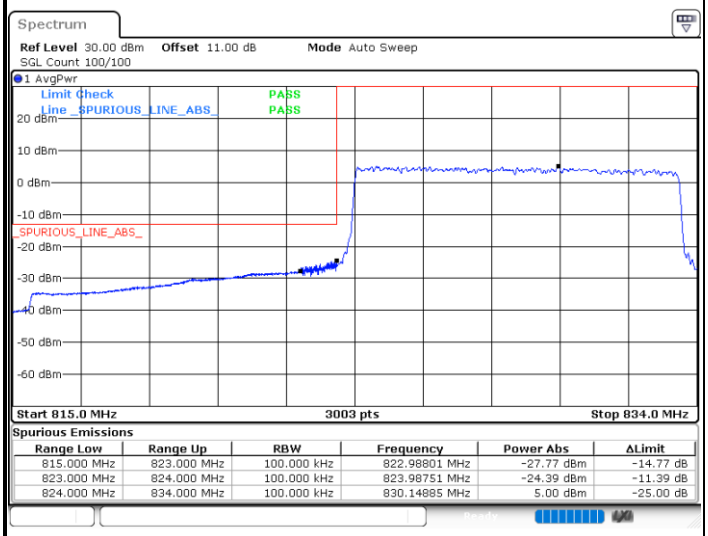
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.45205 MHz	3.66 dBm	-26.34 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.02148 MHz	-29.38 dBm	-16.38 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-37.37 dBm	-24.37 dB

Date: 21.DEC.2023 17:38:33

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / Full RB

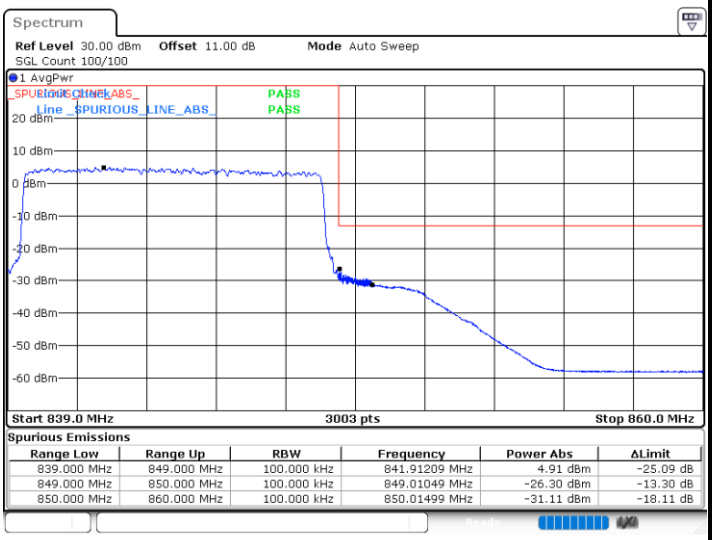


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-27.77 dBm	-14.77 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98751 MHz	-24.39 dBm	-11.39 dB
824.000 MHz	834.000 MHz	100.000 kHz	830.14885 MHz	5.00 dBm	-25.00 dB

Date: 21.DEC.2023 18:37:38

Highest Band Edge / Full RB



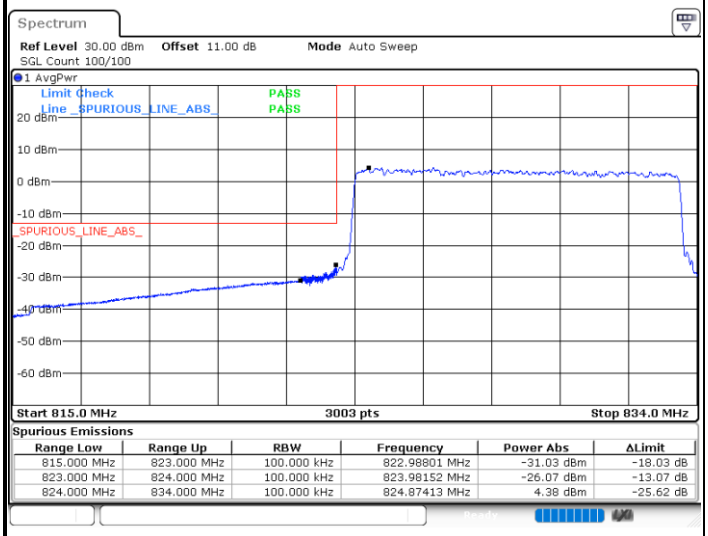
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.91209 MHz	4.91 dBm	-25.09 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01049 MHz	-26.30 dBm	-13.30 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-31.11 dBm	-18.11 dB

Date: 21.DEC.2023 19:08:32

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / Full RB

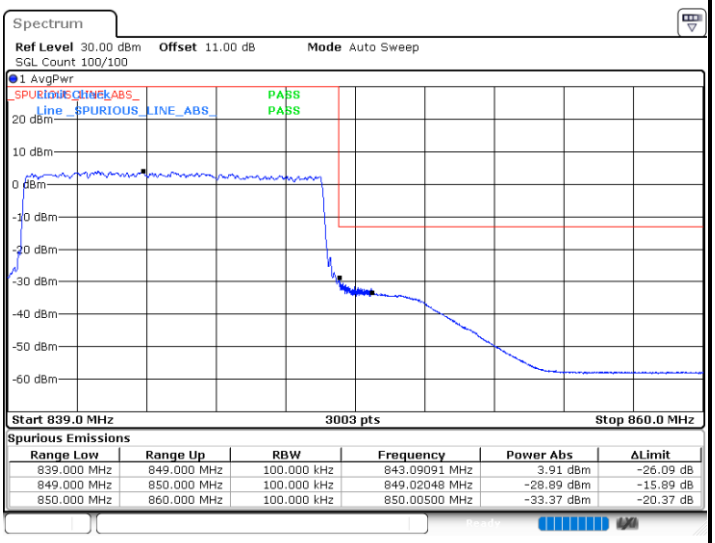


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-31.03 dBm	-18.03 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98152 MHz	-26.07 dBm	-13.07 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.87413 MHz	4.38 dBm	-25.62 dB

Date: 21.DEC.2023 18:38:30

Highest Band Edge / Full RB



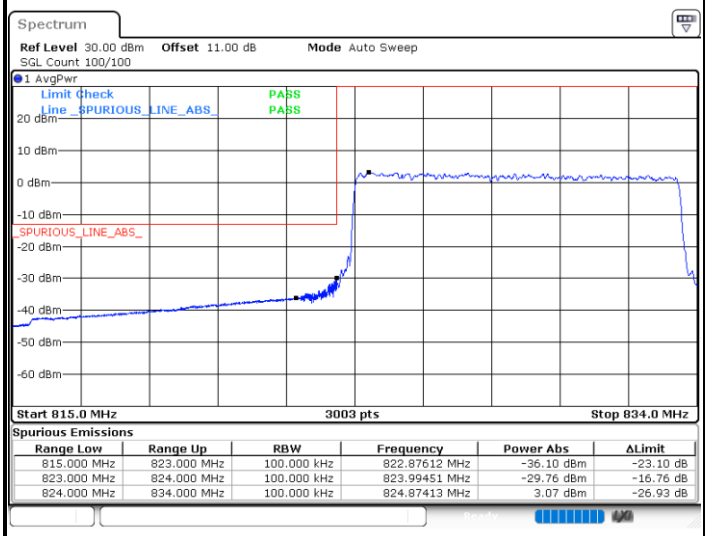
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	843.09091 MHz	3.91 dBm	-26.09 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.02048 MHz	-28.89 dBm	-15.89 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-33.37 dBm	-20.37 dB

Date: 21.DEC.2023 19:09:24

LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / Full RB

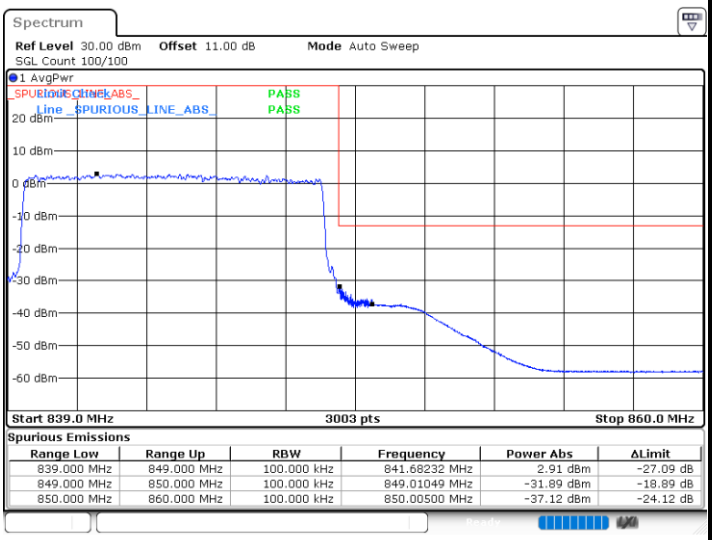


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.87612 MHz	-36.10 dBm	-23.10 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99451 MHz	-29.76 dBm	-16.76 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.87413 MHz	3.07 dBm	-26.93 dB

Date: 21.DEC.2023 18:39:22

Highest Band Edge / Full RB



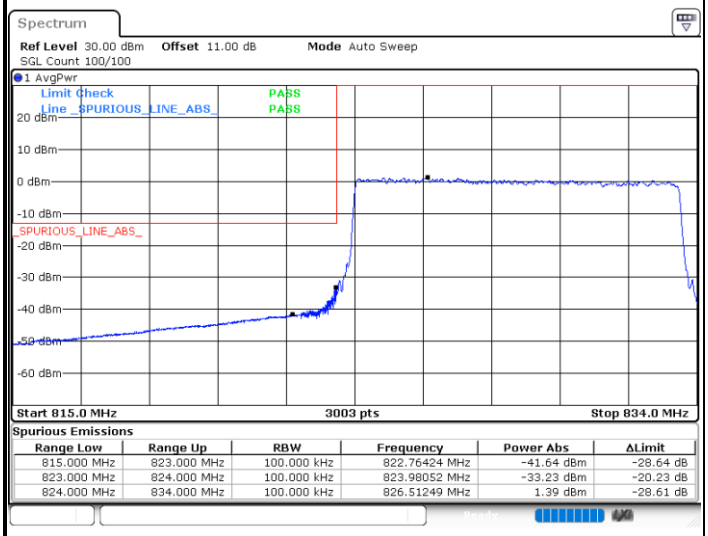
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.68232 MHz	2.91 dBm	-27.09 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01049 MHz	-31.89 dBm	-18.89 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-37.12 dBm	-24.12 dB

Date: 21.DEC.2023 19:10:16

LTE Band 5 / 10MHz / 256QAM

Lowest Band Edge / Full RB

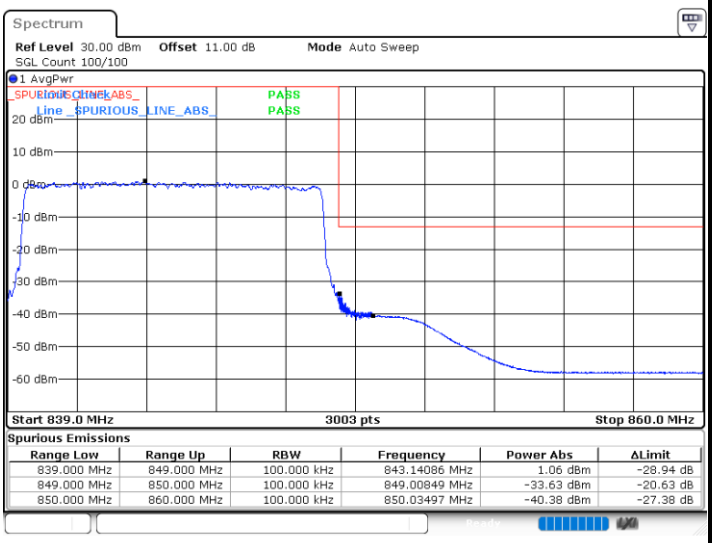


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.76424 MHz	-41.64 dBm	-28.64 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98052 MHz	-33.23 dBm	-20.23 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.51249 MHz	1.39 dBm	-28.61 dB

Date: 21.DEC.2023 18:40:14

Highest Band Edge / Full RB



Spurious Emissions

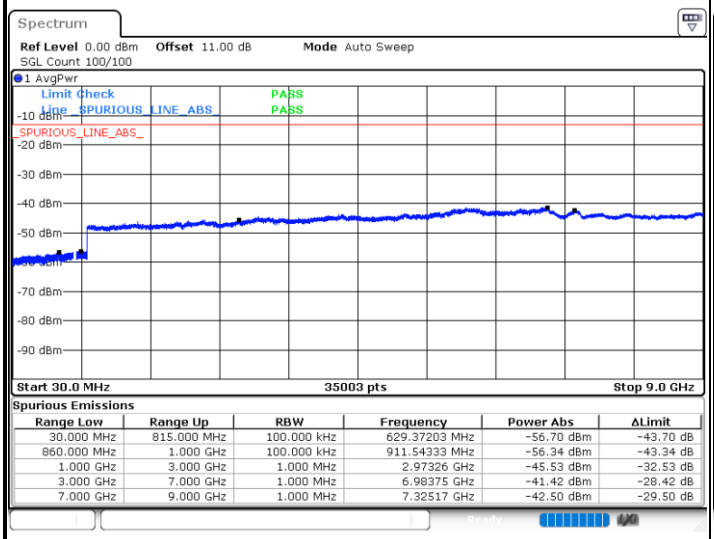
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	843.14086 MHz	1.06 dBm	-28.94 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00849 MHz	-33.63 dBm	-20.63 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-40.38 dBm	-27.38 dB

Date: 21.DEC.2023 19:11:08

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

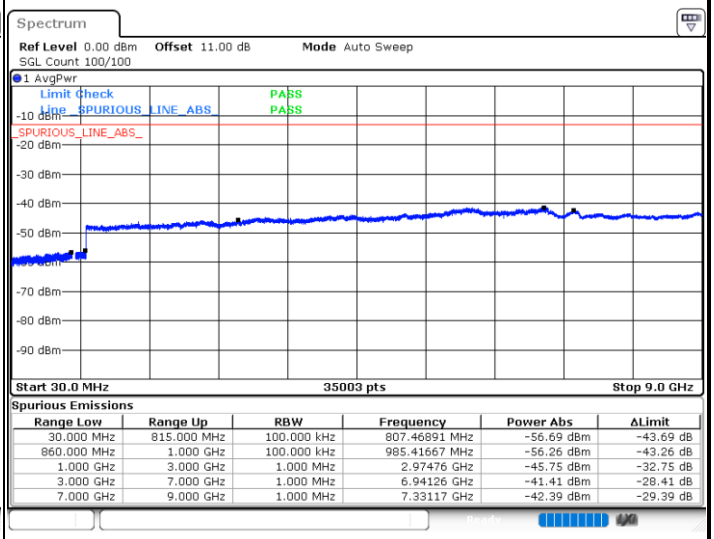


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	629.37203 MHz	-56.70 dBm	-43.70 dB
860.000 MHz	1.000 GHz	100.000 kHz	911.54333 MHz	-56.34 dBm	-43.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97326 GHz	-45.53 dBm	-32.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-41.42 dBm	-28.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.32517 GHz	-42.50 dBm	-29.50 dB

Date: 21.DEC.2023 16:23:45

Middle Channel / QPSK

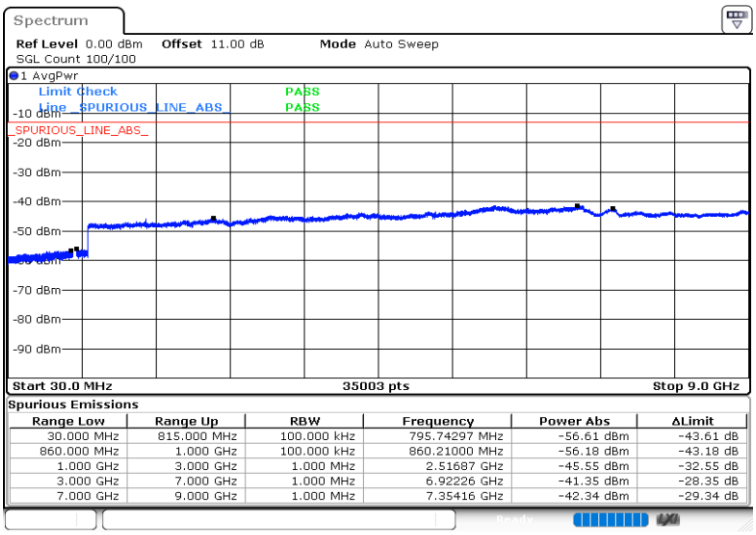


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	807.46891 MHz	-56.69 dBm	-43.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	985.41667 MHz	-56.26 dBm	-43.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97476 GHz	-45.75 dBm	-32.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94126 GHz	-41.41 dBm	-28.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33117 GHz	-42.39 dBm	-29.39 dB

Date: 21.DEC.2023 16:34:22

Highest Channel / QPSK



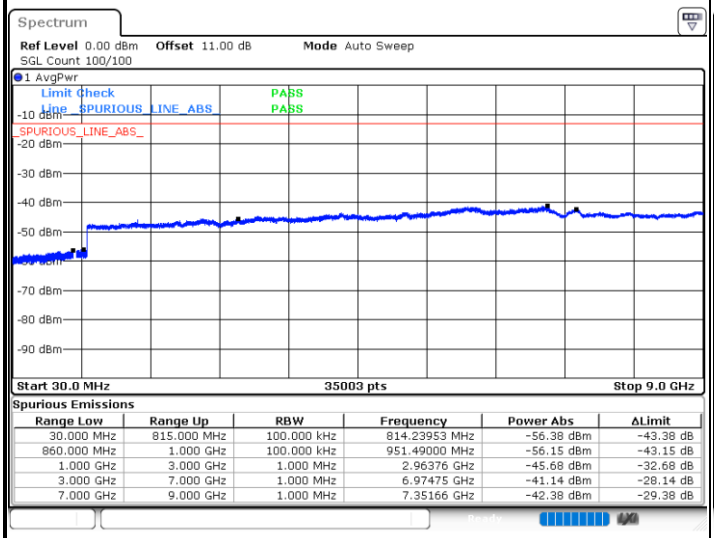
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	795.74297 MHz	-56.61 dBm	-43.61 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.21000 MHz	-56.18 dBm	-43.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51687 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-41.35 dBm	-28.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35416 GHz	-42.34 dBm	-29.34 dB

Date: 21.DEC.2023 16:35:32

LTE Band 5 / 3MHz

Lowest Channel / QPSK

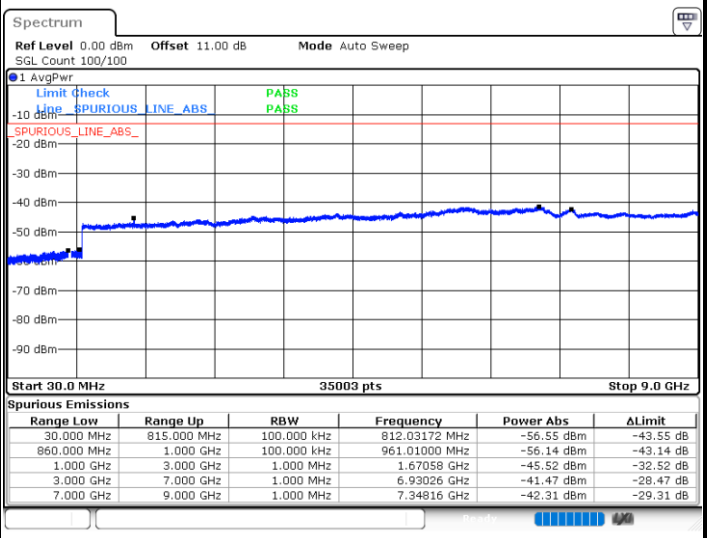


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.23953 MHz	-56.38 dBm	-43.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	951.49000 MHz	-56.15 dBm	-43.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96376 GHz	-45.68 dBm	-32.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97475 GHz	-41.14 dBm	-28.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35166 GHz	-42.38 dBm	-29.38 dB

Date: 21.DEC.2023 16:49:33

Middle Channel / QPSK

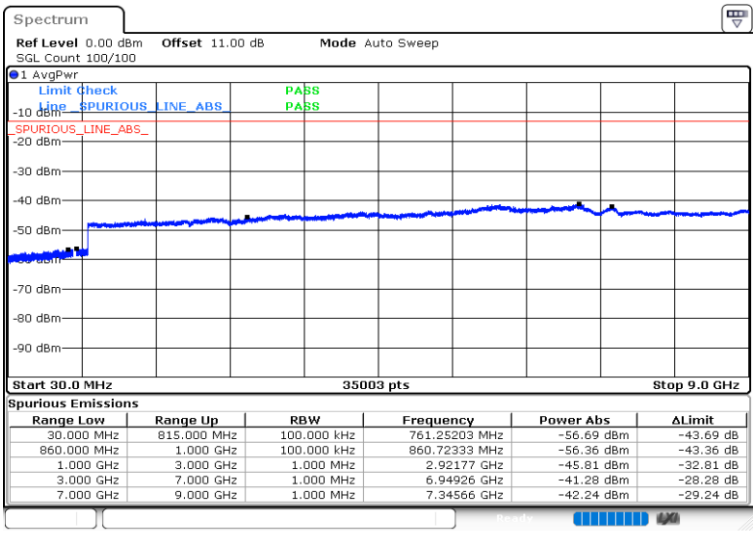


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.03172 MHz	-56.55 dBm	-43.55 dB
860.000 MHz	1.000 GHz	100.000 kHz	961.01000 MHz	-56.14 dBm	-43.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-45.52 dBm	-32.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-41.47 dBm	-28.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34816 GHz	-42.31 dBm	-29.31 dB

Date: 21.DEC.2023 17:09:06

Highest Channel / QPSK



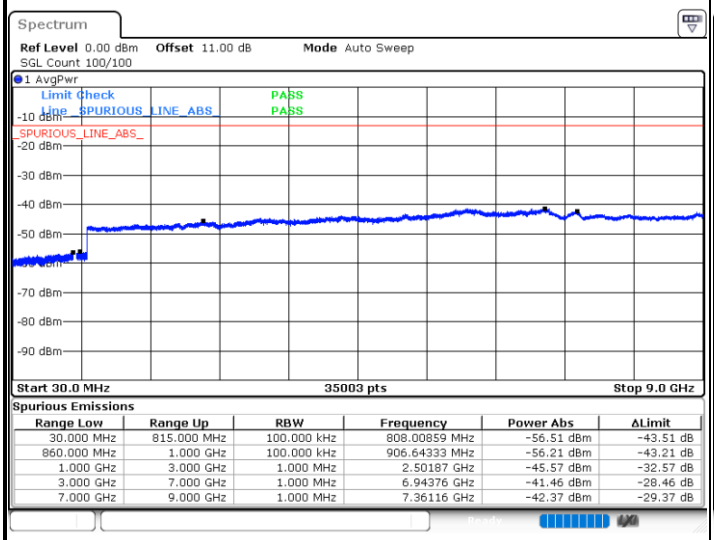
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	761.25203 MHz	-56.69 dBm	-43.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.72333 MHz	-56.36 dBm	-43.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.92177 GHz	-45.81 dBm	-32.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94926 GHz	-41.28 dBm	-28.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34566 GHz	-42.24 dBm	-29.24 dB

Date: 21.DEC.2023 17:10:17

LTE Band 5 / 5MHz

Lowest Channel / QPSK

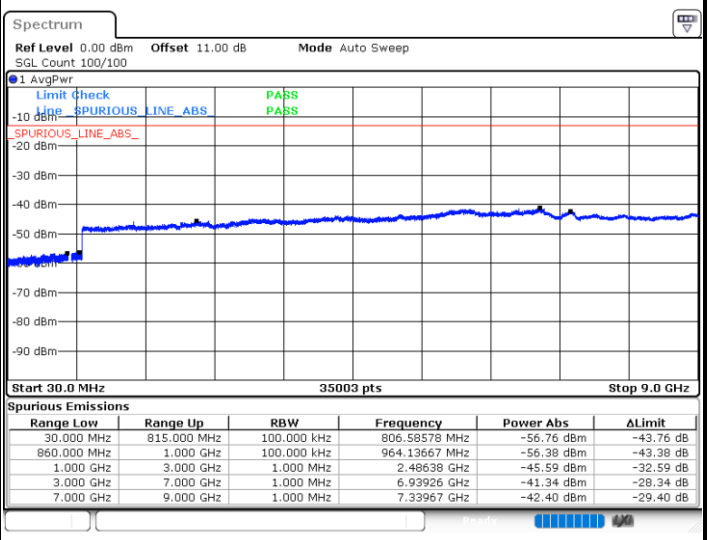


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.00859 MHz	-56.51 dBm	-43.51 dB
860.000 MHz	1.000 GHz	100.000 kHz	906.64333 MHz	-56.21 dBm	-43.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50187 GHz	-45.57 dBm	-32.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94376 GHz	-41.46 dBm	-28.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36116 GHz	-42.37 dBm	-29.37 dB

Date: 21.DEC.2023 17:19:47

Middle Channel / QPSK

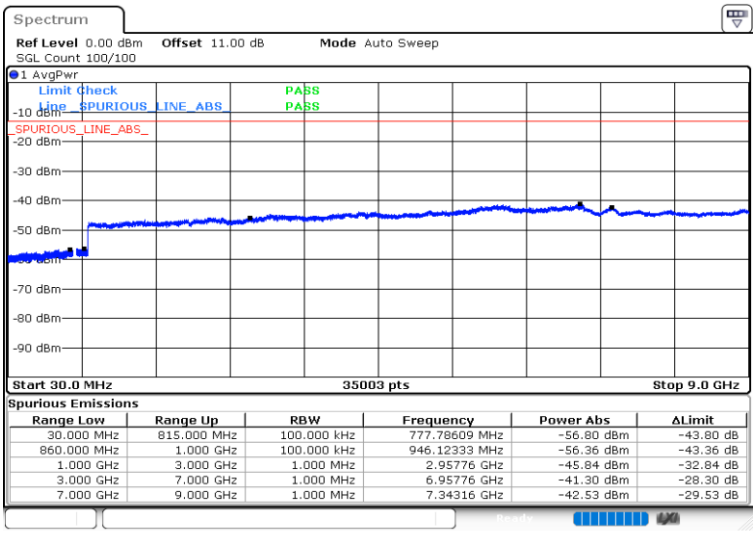


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.58578 MHz	-56.76 dBm	-43.76 dB
860.000 MHz	1.000 GHz	100.000 kHz	964.13667 MHz	-56.38 dBm	-43.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48638 GHz	-45.59 dBm	-32.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93926 GHz	-41.34 dBm	-28.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33967 GHz	-42.40 dBm	-29.40 dB

Date: 21.DEC.2023 17:30:23

Highest Channel / QPSK



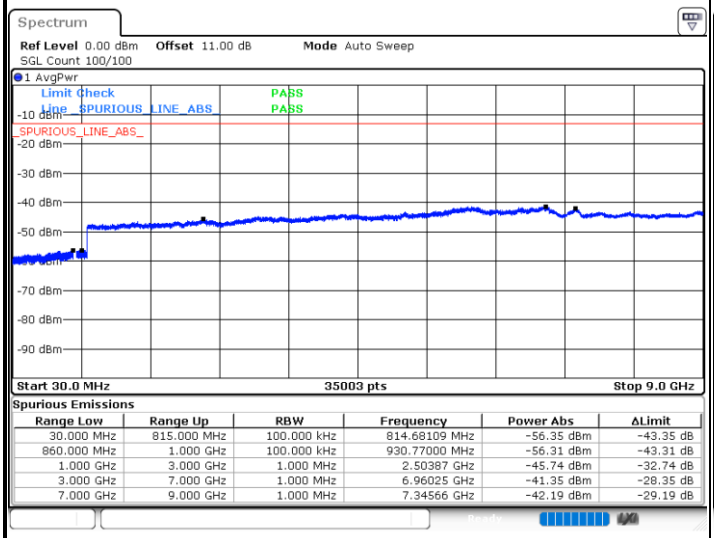
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	777.78609 MHz	-56.80 dBm	-43.80 dB
860.000 MHz	1.000 GHz	100.000 kHz	946.12333 MHz	-56.36 dBm	-43.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95776 GHz	-45.84 dBm	-32.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95776 GHz	-41.30 dBm	-28.30 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34316 GHz	-42.53 dBm	-29.53 dB

Date: 21.DEC.2023 17:31:34

LTE Band 5 / 10MHz

Lowest Channel / QPSK

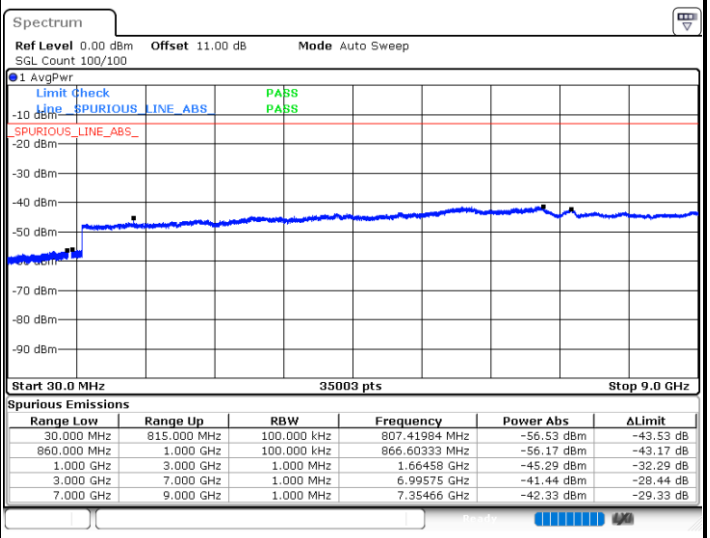


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.68109 MHz	-56.35 dBm	-43.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	930.77000 MHz	-56.31 dBm	-43.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50387 GHz	-45.74 dBm	-32.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96025 GHz	-41.35 dBm	-28.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34566 GHz	-42.19 dBm	-29.19 dB

Date: 21.DEC.2023 18:34:08

Middle Channel / QPSK

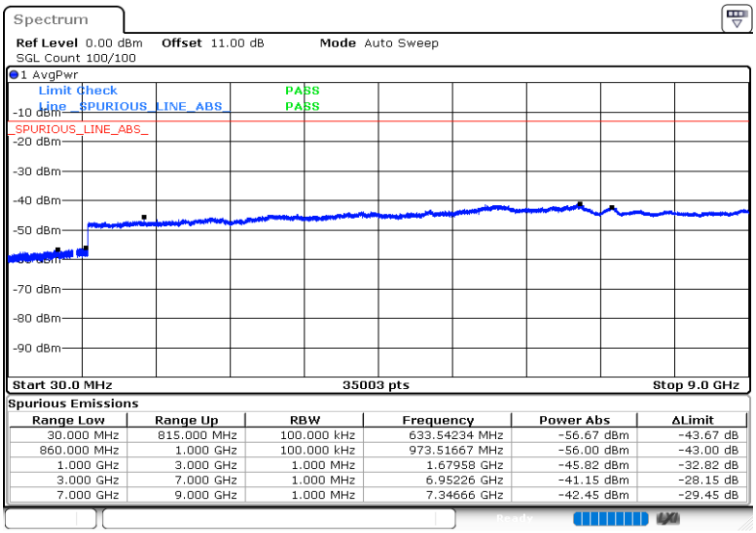


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	807.41984 MHz	-56.53 dBm	-43.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	866.60333 MHz	-56.17 dBm	-43.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-45.29 dBm	-32.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-41.44 dBm	-28.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.35466 GHz	-42.33 dBm	-29.33 dB

Date: 21.DEC.2023 18:44:42

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	633.54234 MHz	-56.67 dBm	-43.67 dB
860.000 MHz	1.000 GHz	100.000 kHz	973.51667 MHz	-56.00 dBm	-43.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95226 GHz	-41.15 dBm	-28.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34666 GHz	-42.45 dBm	-29.45 dB

Date: 21.DEC.2023 18:45:53

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0084	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0072	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0084	
0	Normal Voltage	0.0074	
-10	Normal Voltage	0.0127	
-20	Normal Voltage	0.0073	
-30	Normal Voltage	0.0069	
20	Maximum Voltage	0.0065	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0055	

Note:

1. Normal Voltage = 3.8 V.；Battery End Point (BEP) = 3.6 V.；Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.16	8.21	14.59
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.77	9.94	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.16	8.18	14.56
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.80	9.86	-

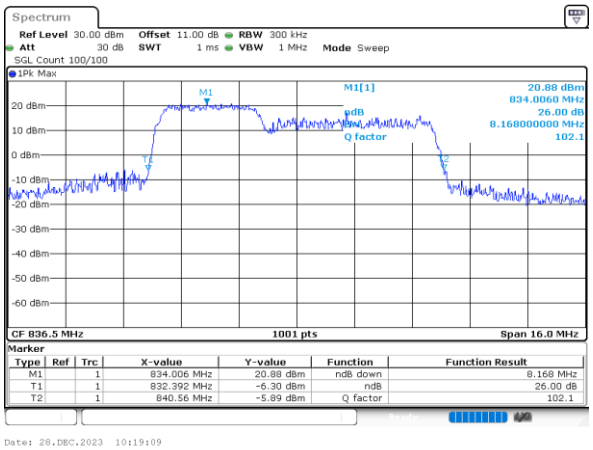
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.13	8.26	14.71
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.80	9.91	-

Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.15	8.26	14.59
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.89	9.91	-

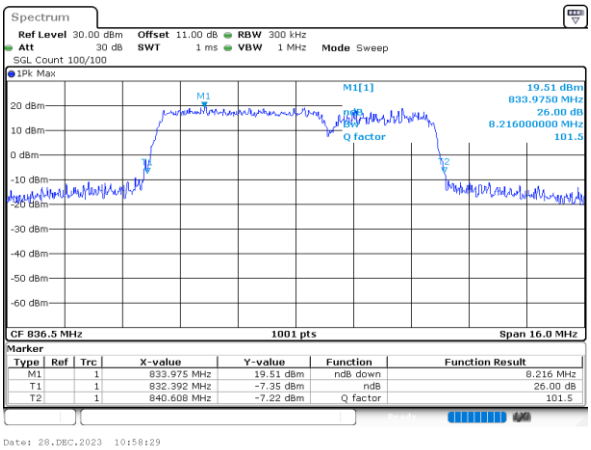
LTE Band 5B

QPSK

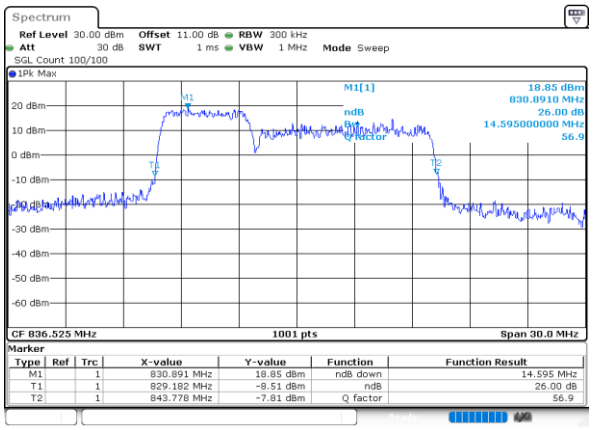
Middle Channel / 3MHz+5MHz



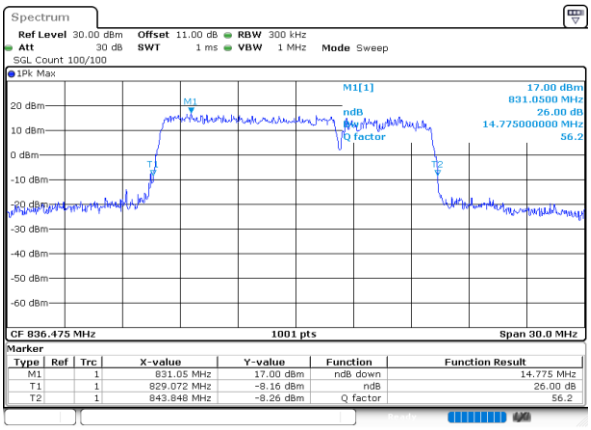
Middle Channel / 5MHz+3MHz



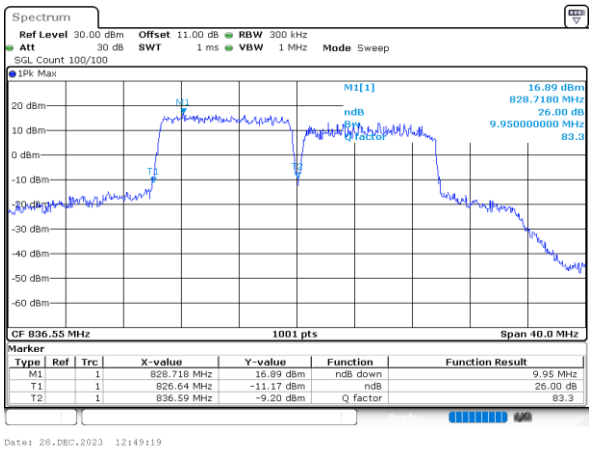
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

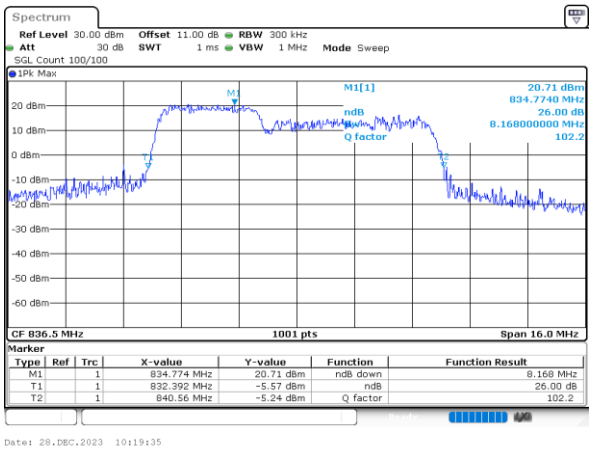


N/A

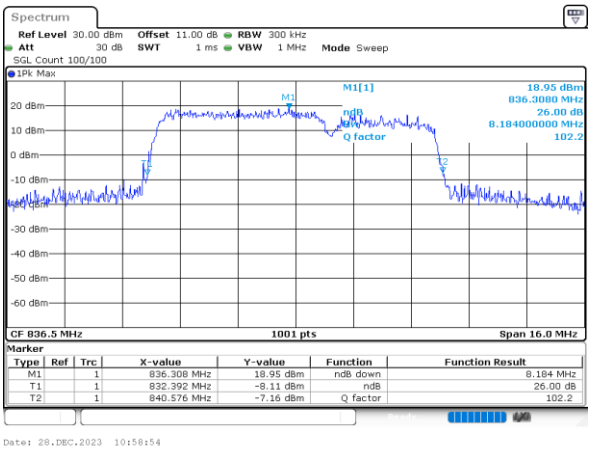
LTE Band 5B

16QAM

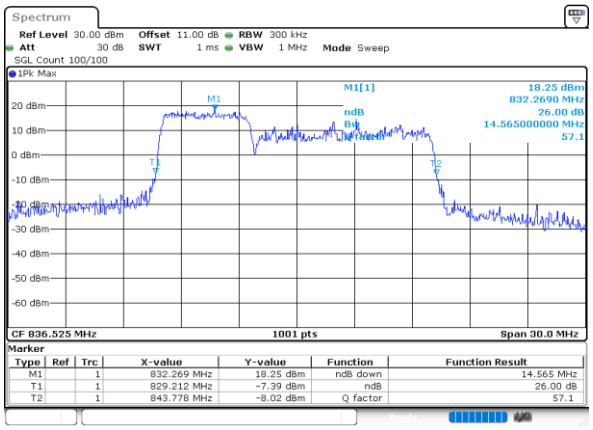
Middle Channel / 3MHz+5MHz



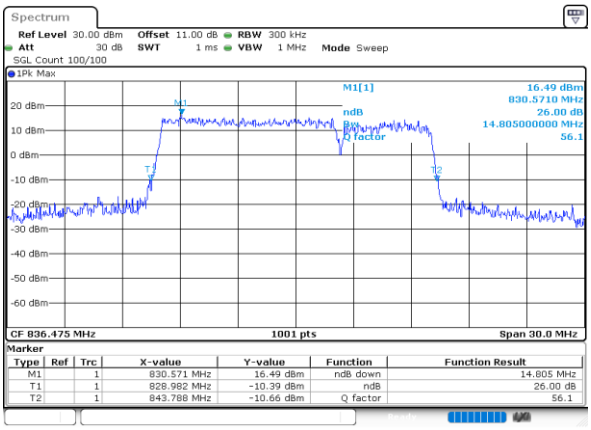
Middle Channel / 5MHz+3MHz



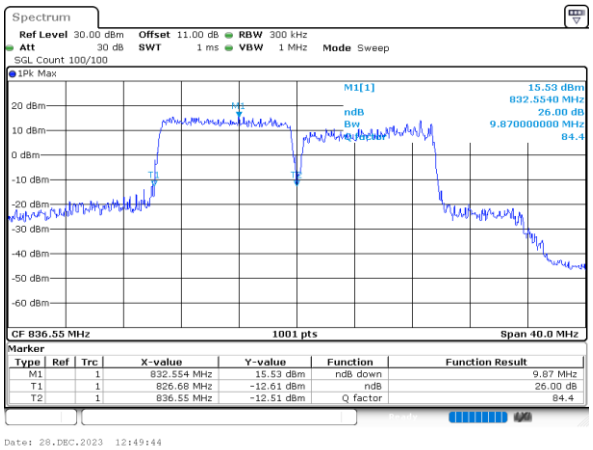
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

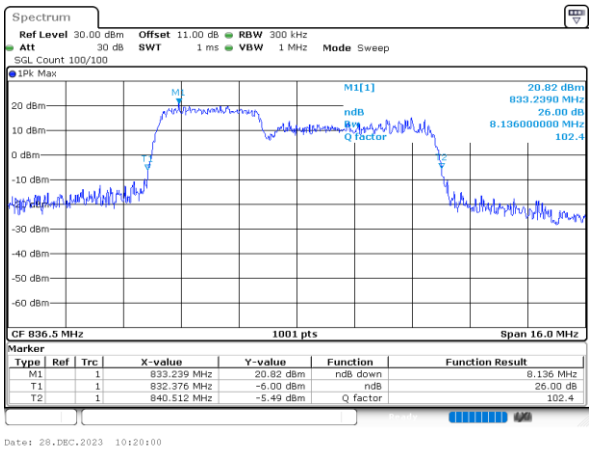


N/A

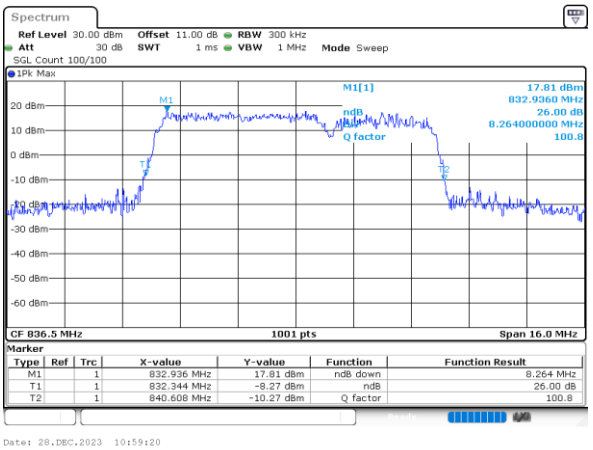
LTE Band 5B

64QAM

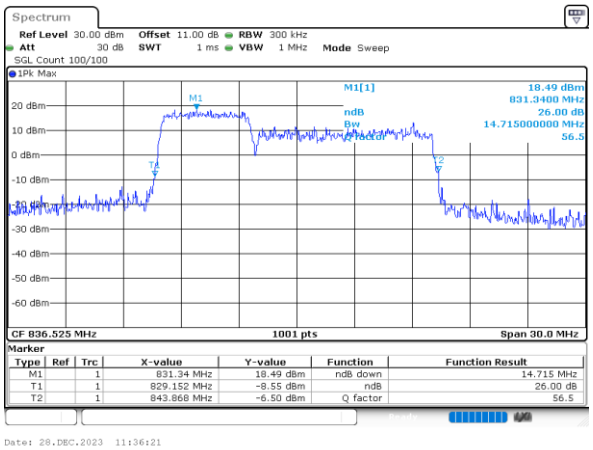
Middle Channel / 3MHz+5MHz



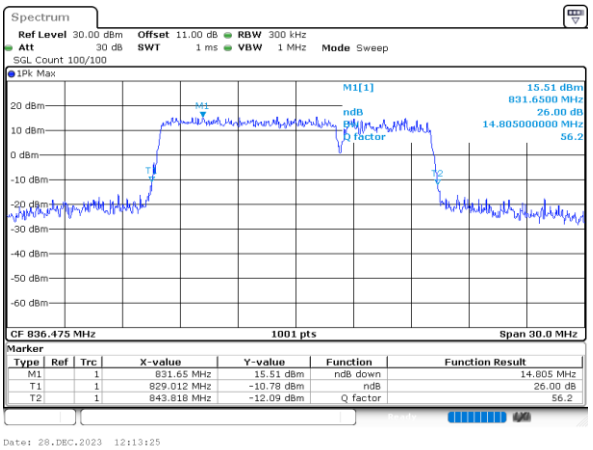
Middle Channel / 5MHz+3MHz



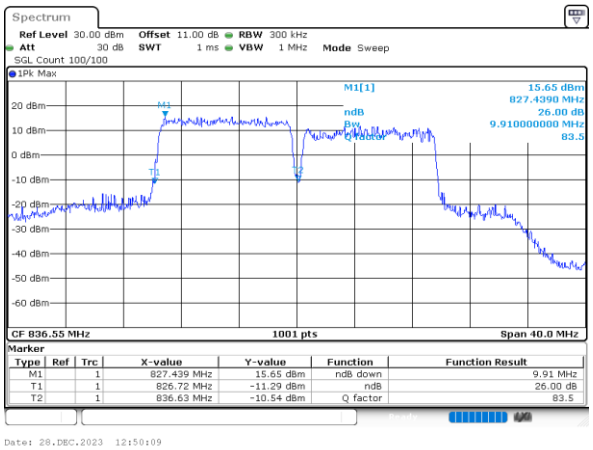
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

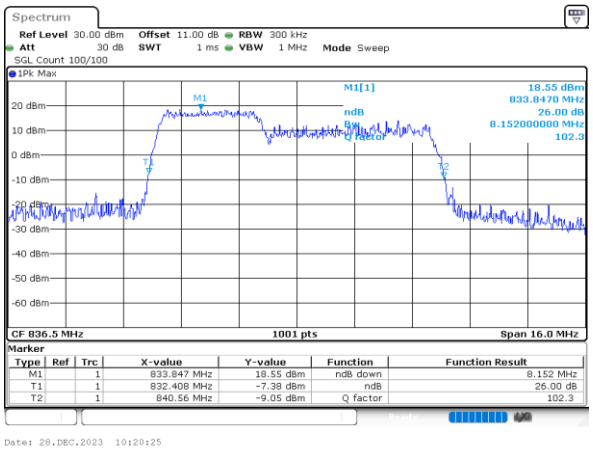


N/A

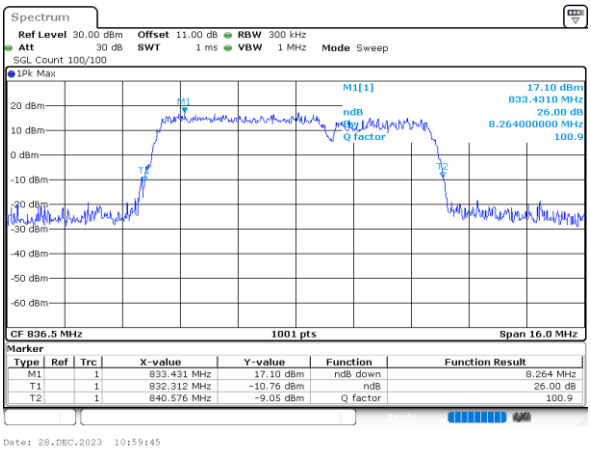
LTE Band 5B

256QAM

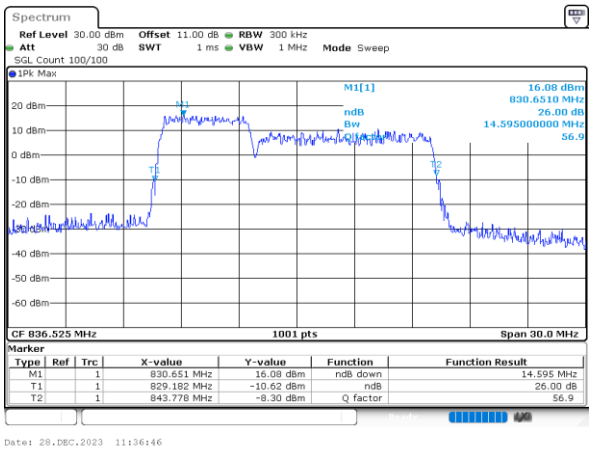
Middle Channel / 3MHz+5MHz



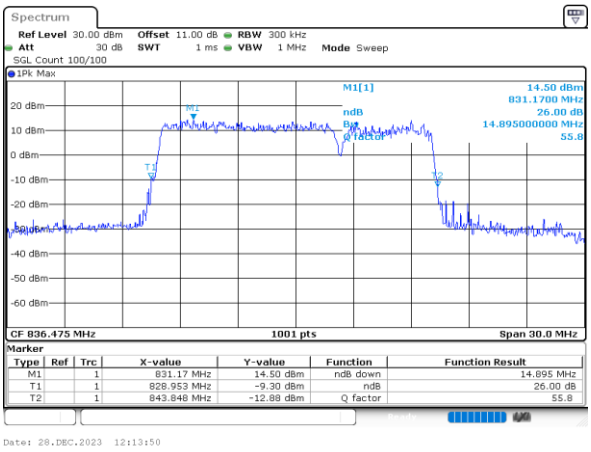
Middle Channel / 5MHz+3MHz



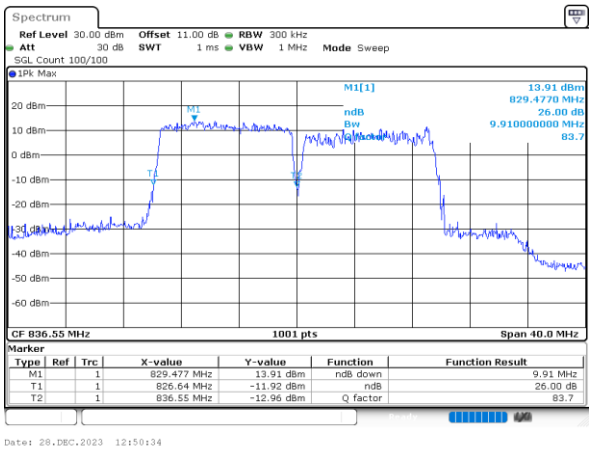
Middle Channel / 5MHz+10MHz



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	7.56	7.56	13.93
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.96	18.66	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.56	7.57	13.96
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.93	18.66	-

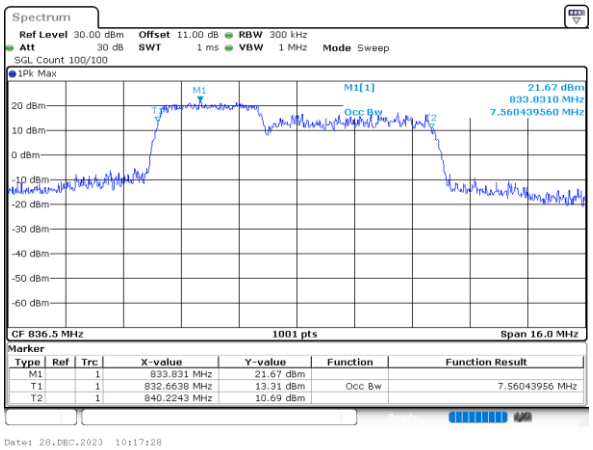
Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.56	7.62	13.93
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.90	18.78	-

Mode	LTE Band 5B : 99%OBW(MHz)		
254QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.54	13.93
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.90	18.70	-

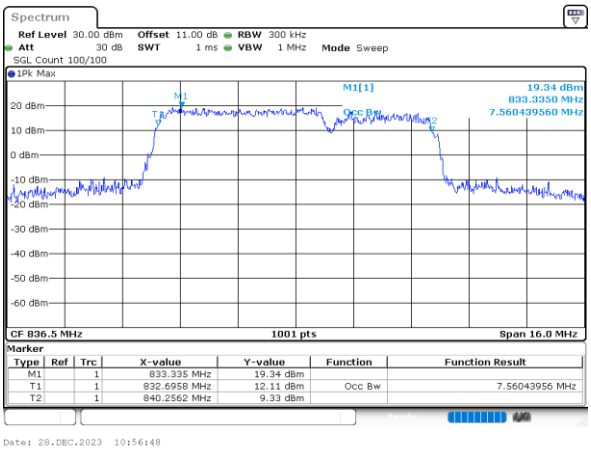
LTE Band 5B

QPSK

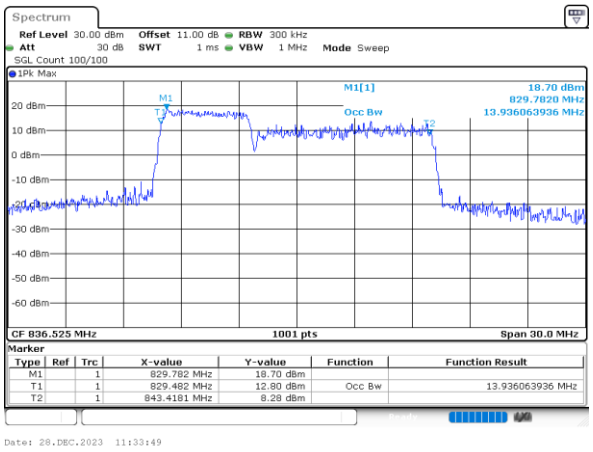
Middle Channel / 3MHz+5MHz



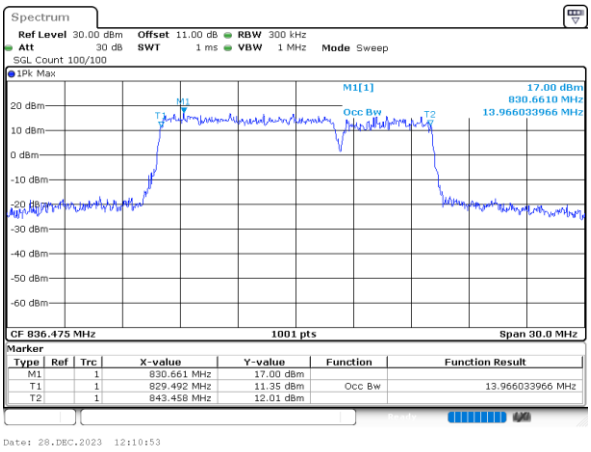
Middle Channel / 5MHz+3MHz



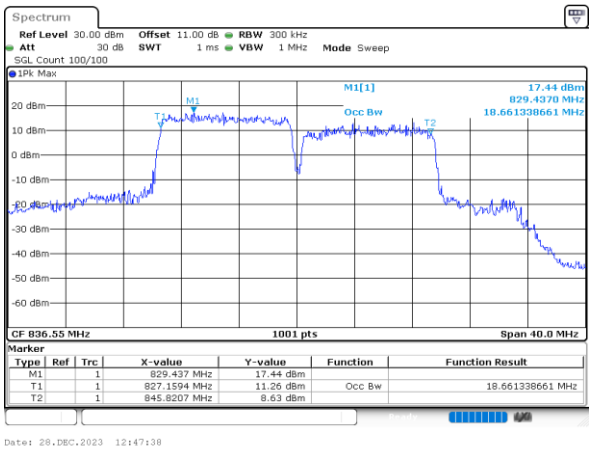
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

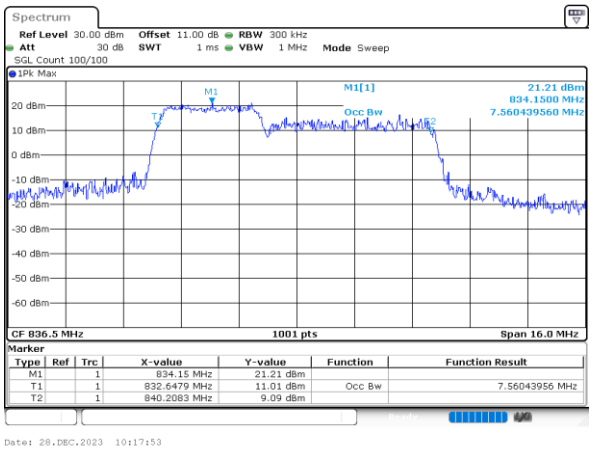


N/A

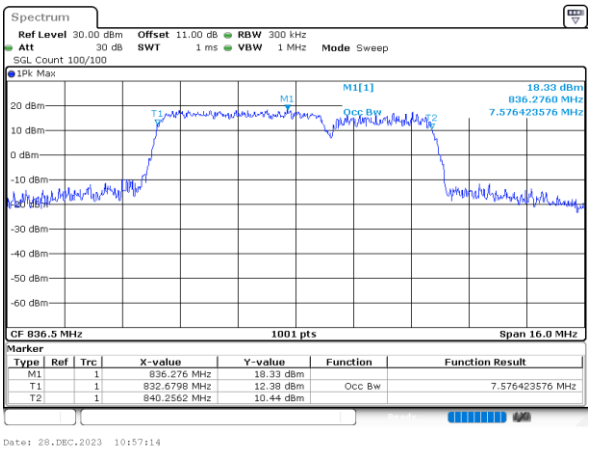
LTE Band 5B

16QAM

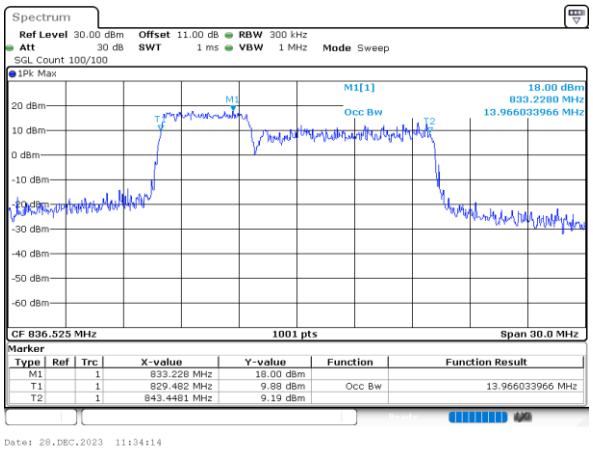
Middle Channel / 3MHz+5MHz



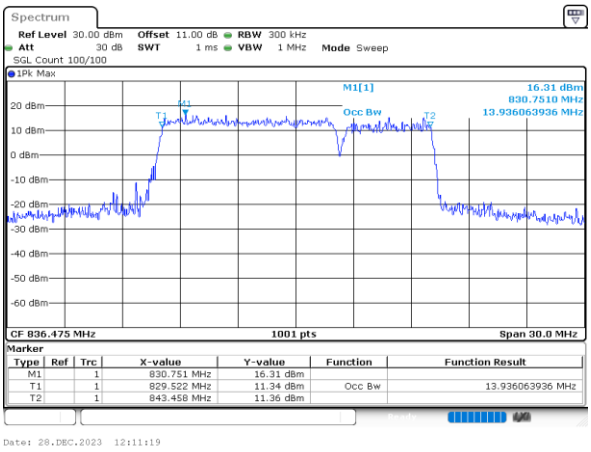
Middle Channel / 5MHz+3MHz



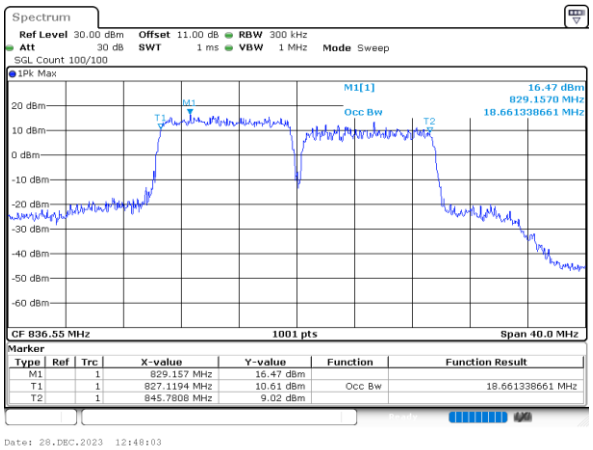
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

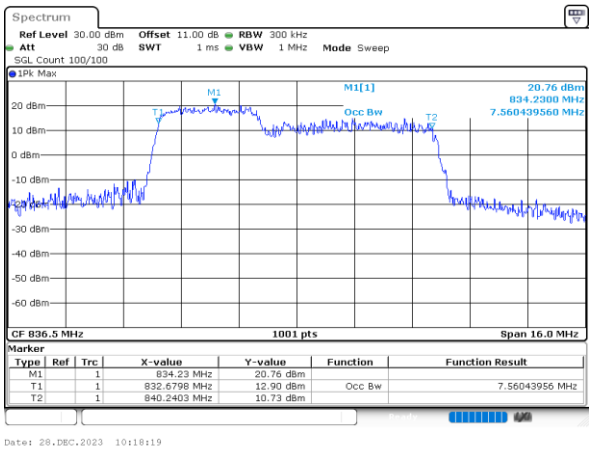


N/A

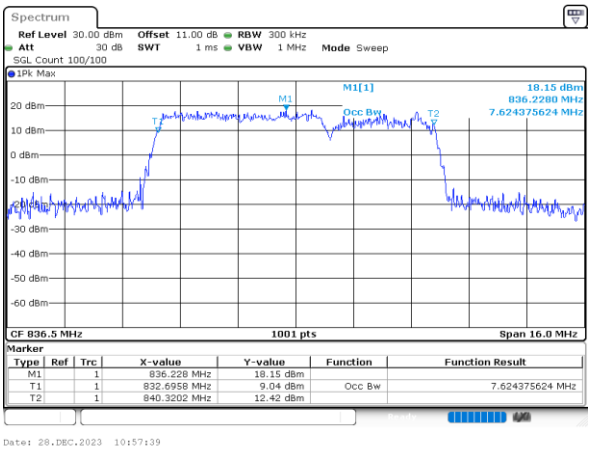
LTE Band 5B

64QAM

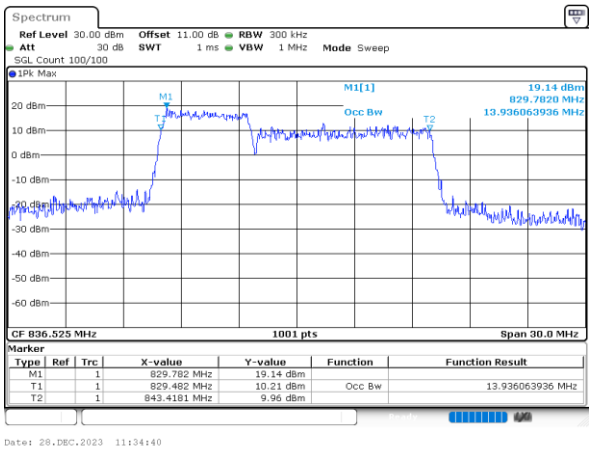
Middle Channel / 3MHz+5MHz



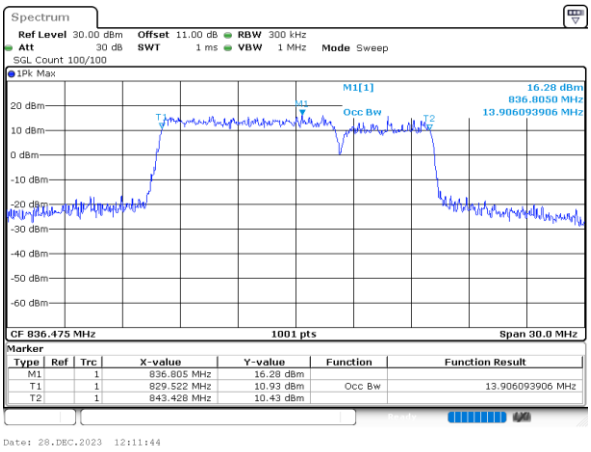
Middle Channel / 5MHz+3MHz



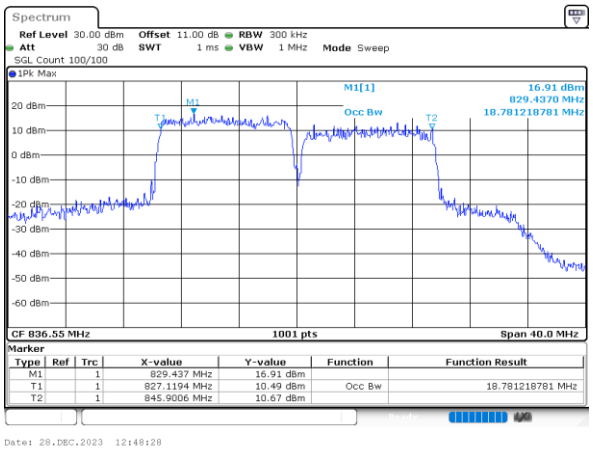
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

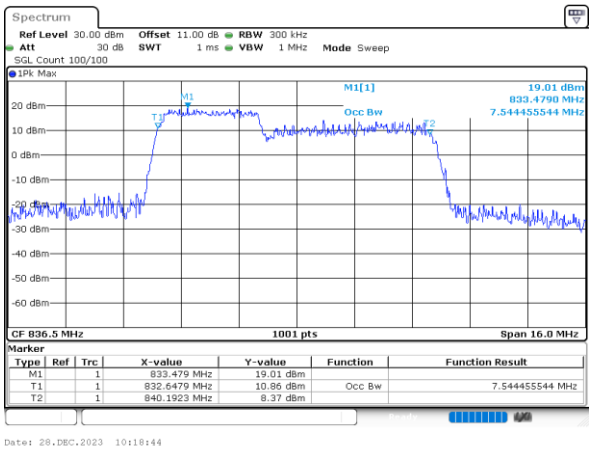


N/A

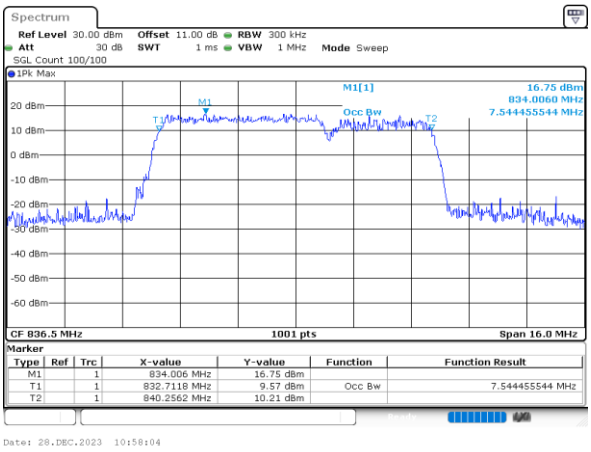
LTE Band 5B

256QAM

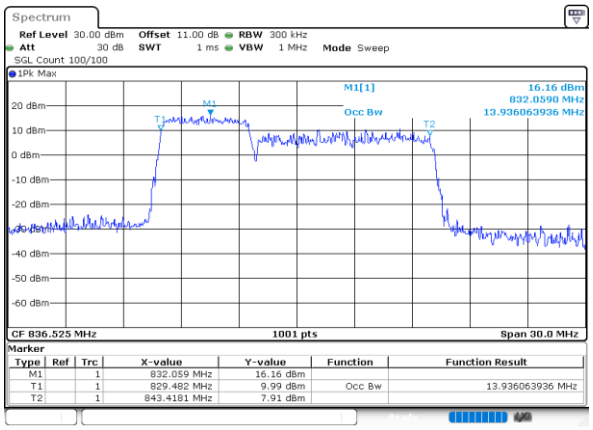
Middle Channel / 3MHz+5MHz



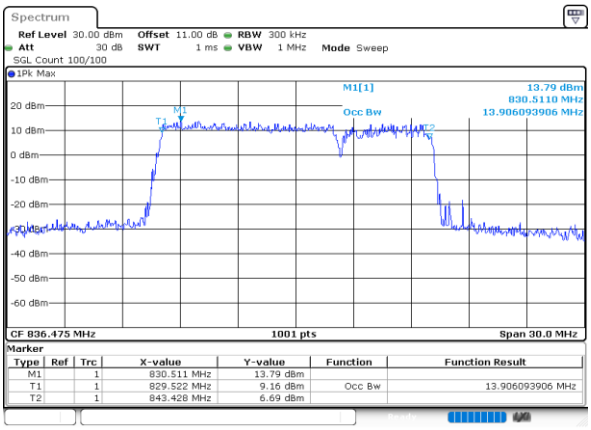
Middle Channel / 5MHz+3MHz



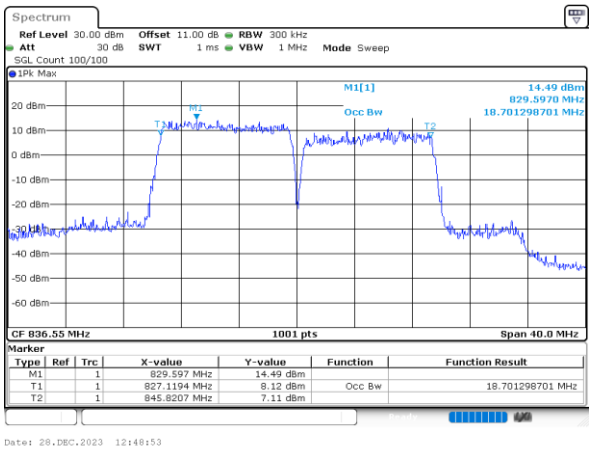
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



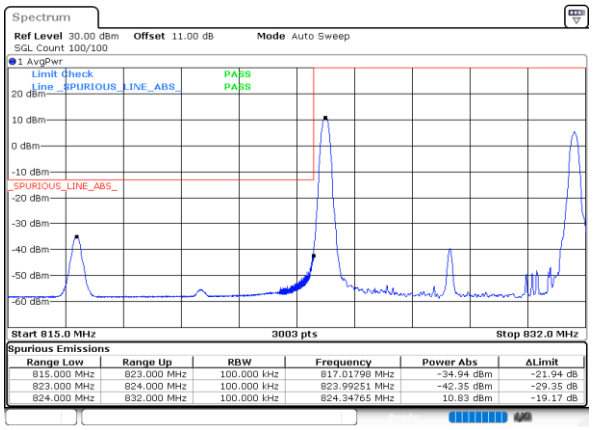
N/A

Conducted Band Edge

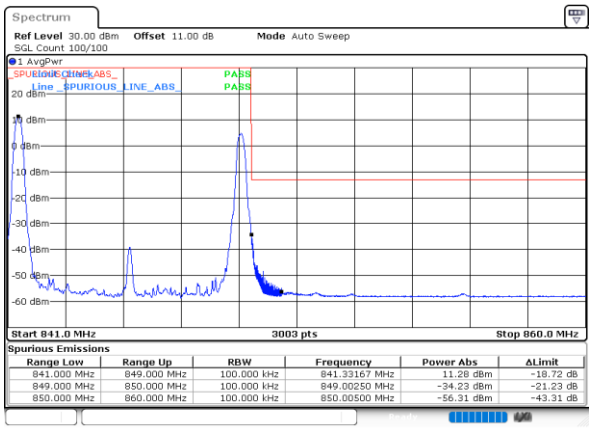
LTE Band 5B / 3MHz+5MHz

QPSK

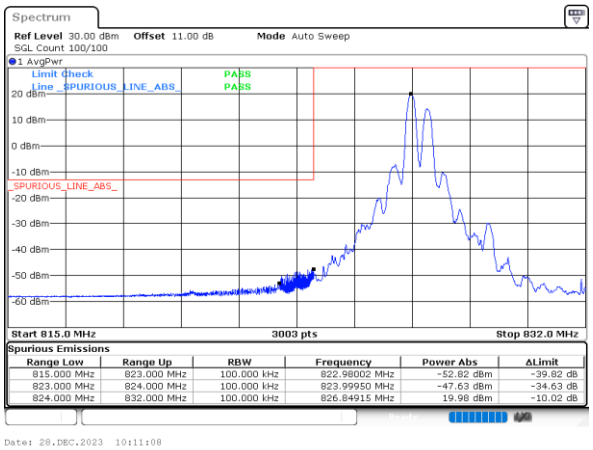
Lowest Band Edge / 1RB0 and 1RB24



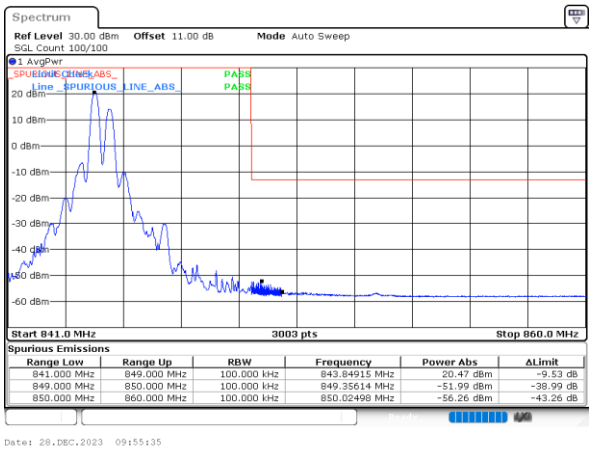
Highest Band Edge / 1RB0 and 1RB24



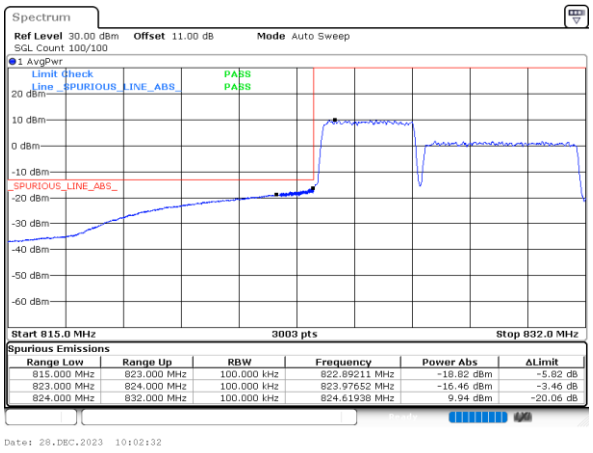
Lowest Band Edge / 1RB14 and 1RB0



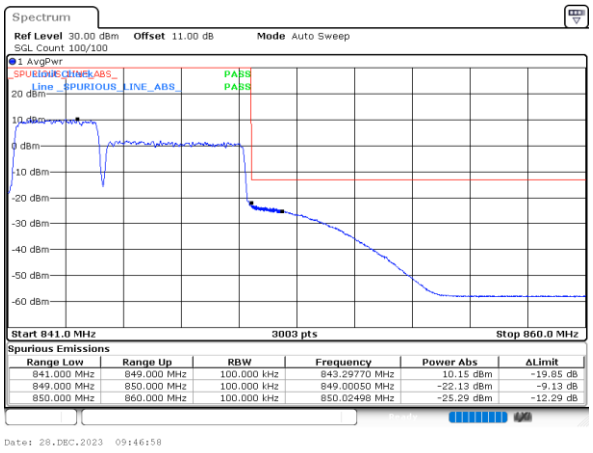
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



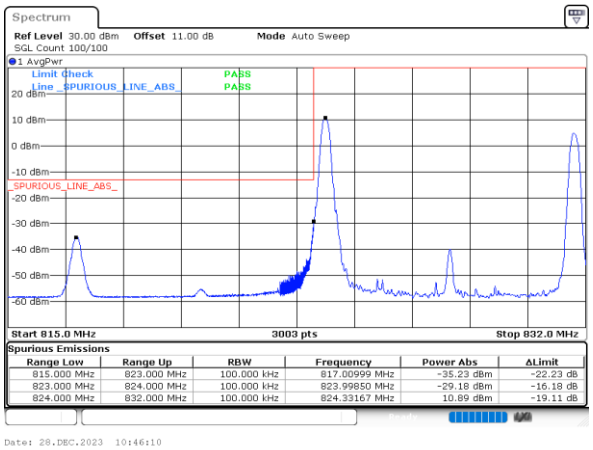
Highest Band Edge / Full RB



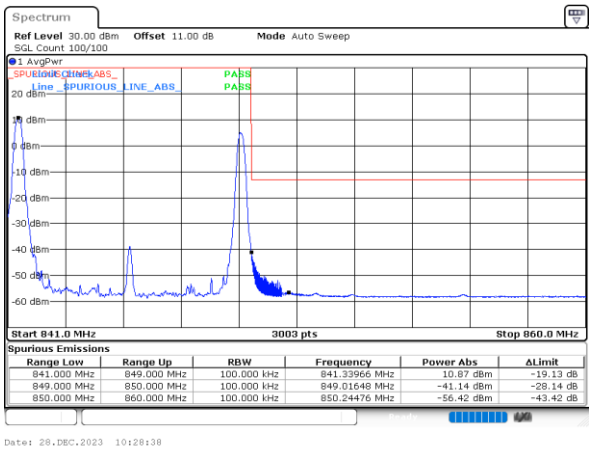
LTE Band 5B / 5MHz+3MHz

QPSK

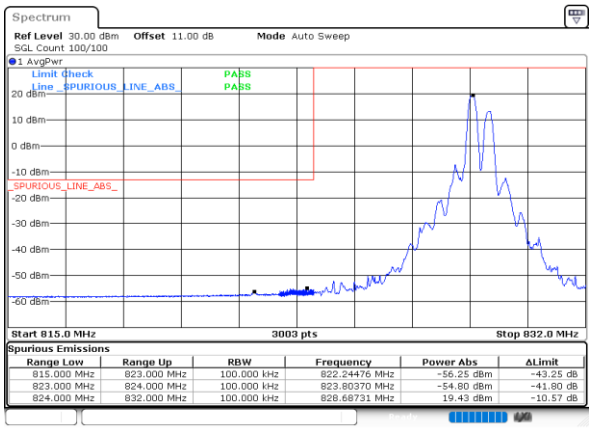
Lowest Band Edge / 1RB0 and 1RB14



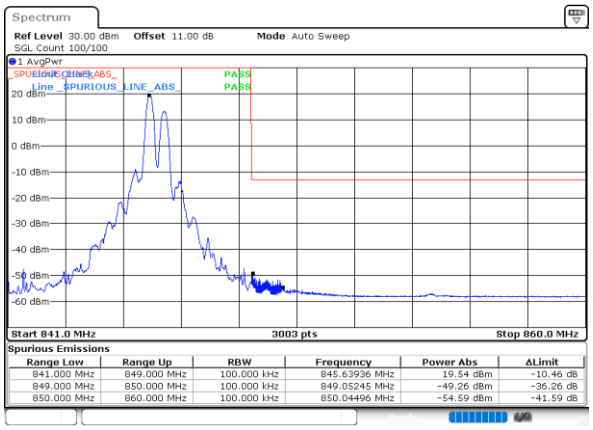
Highest Band Edge / 1RB0 and 1RB14



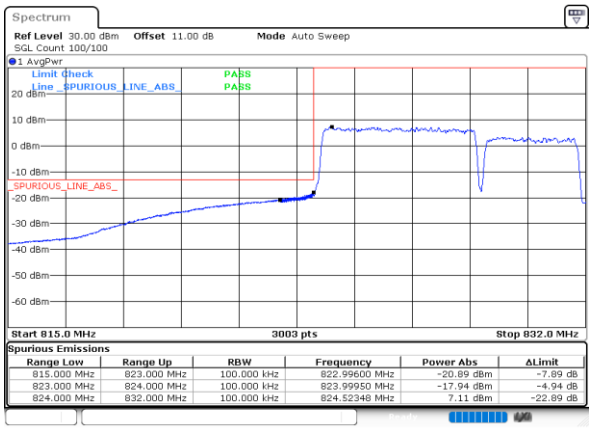
Lowest Band Edge / 1RB24 and 1RB0



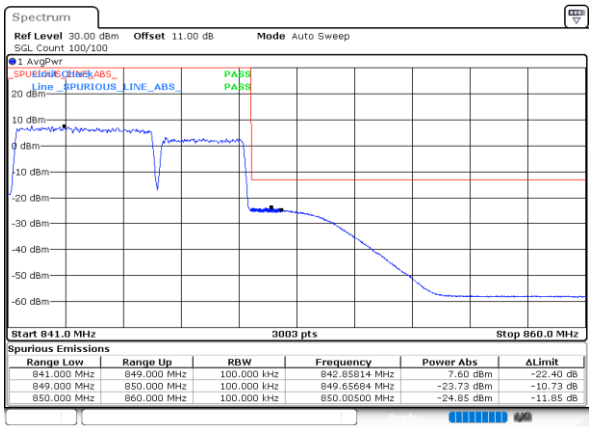
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



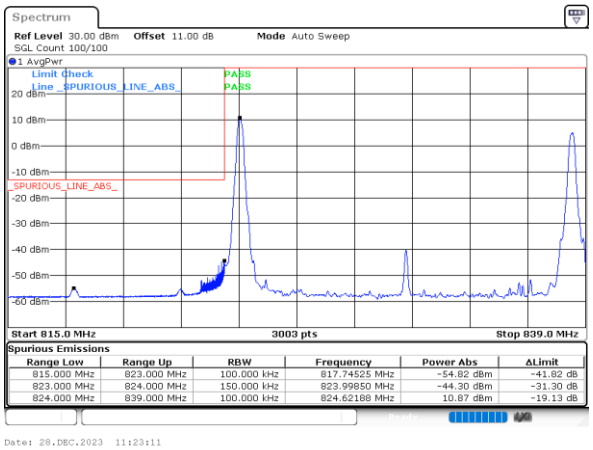
Highest Band Edge / Full RB



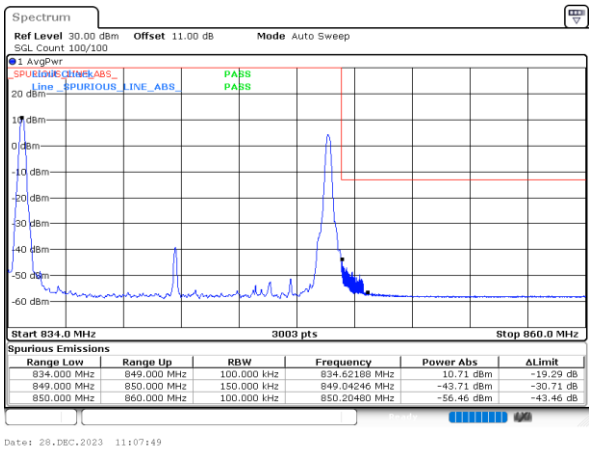
LTE Band 5B / 5MHz+10MHz

QPSK

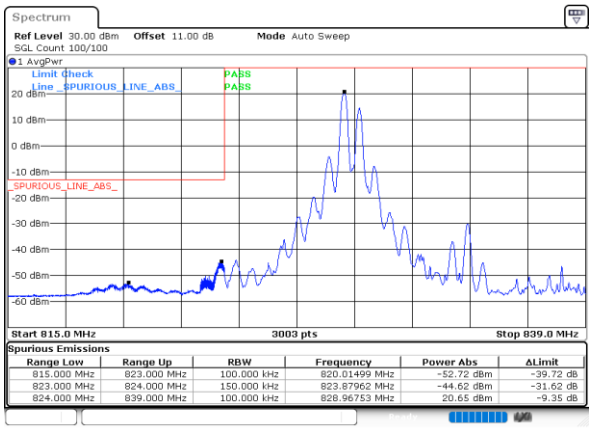
Lowest Band Edge / 1RB0 and 1RB49



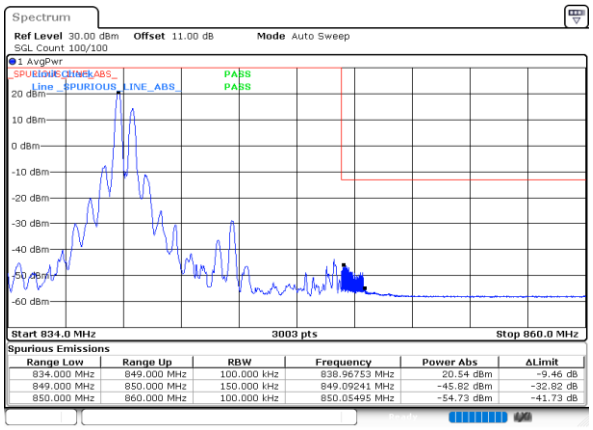
Highest Band Edge / 1RB0 and 1RB49



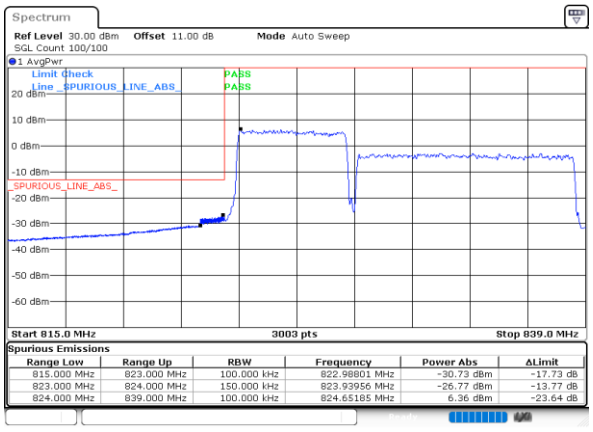
Lowest Band Edge / 1RB24 and 1RB0



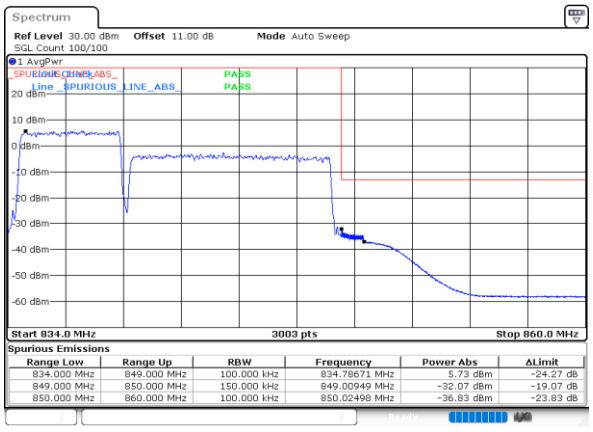
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



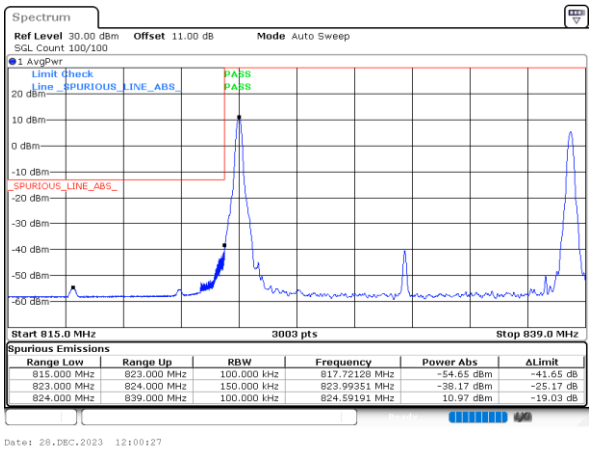
Highest Band Edge / Full RB



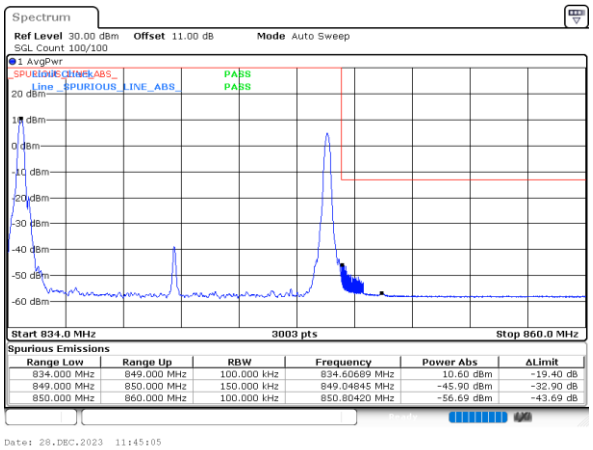
LTE Band 5B / 10MHz+5MHz

QPSK

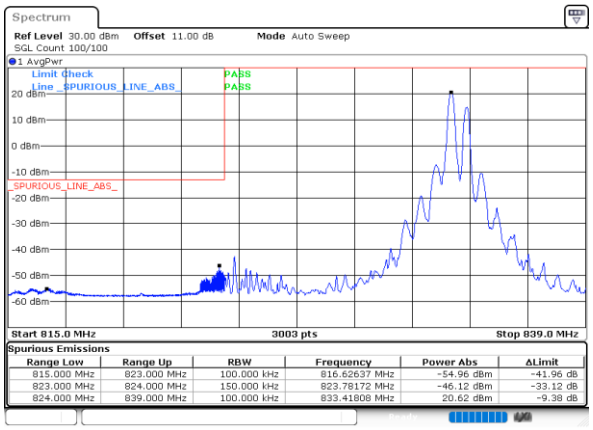
Lowest Band Edge / 1RB0 and 1RB24



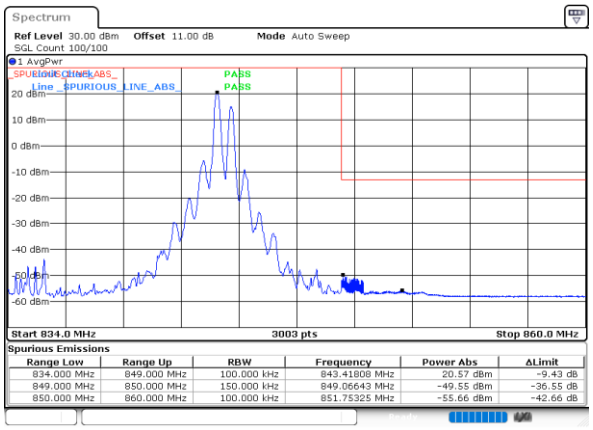
Highest Band Edge / 1RB0 and 1RB24



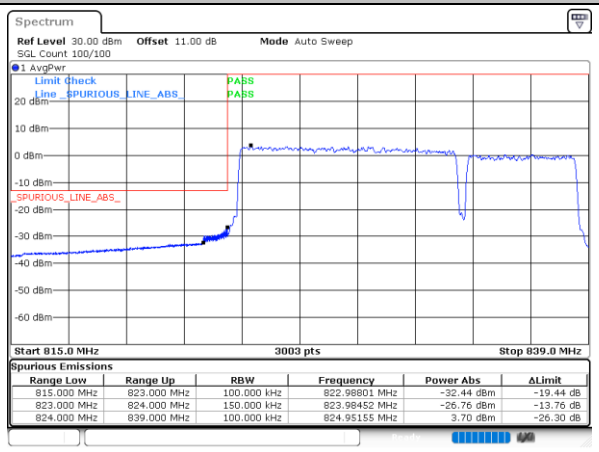
Lowest Band Edge / 1RB49 and 1RB0



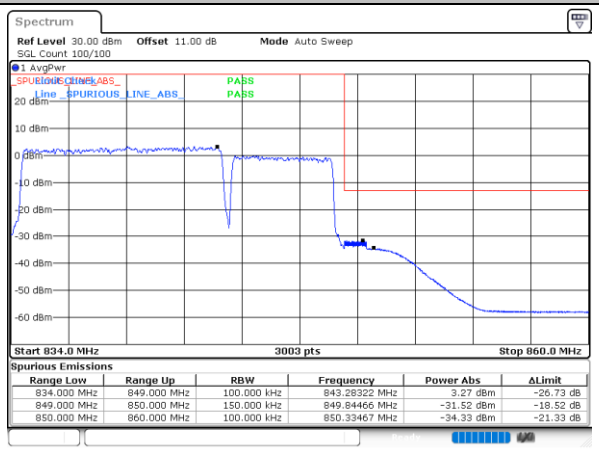
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



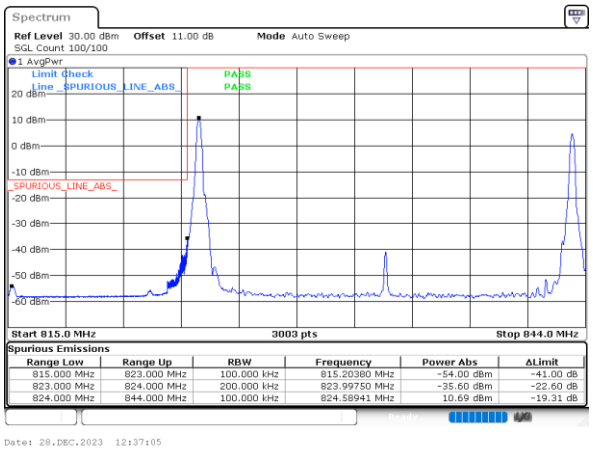
Highest Band Edge / Full RB



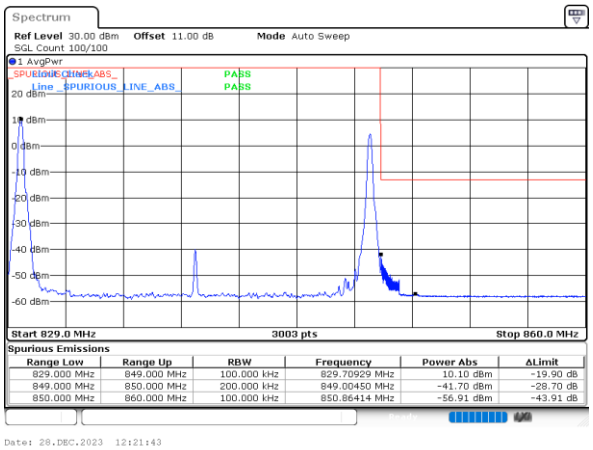
LTE Band 5B / 10MHz+10MHz

QPSK

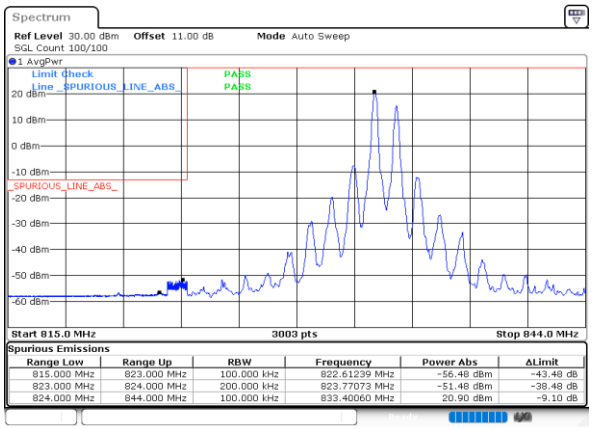
Lowest Band Edge / 1RB0 and 1RB49



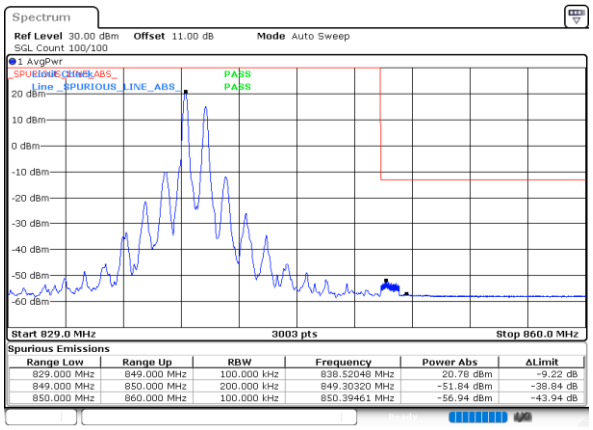
Highest Band Edge / 1RB0 and 1RB49



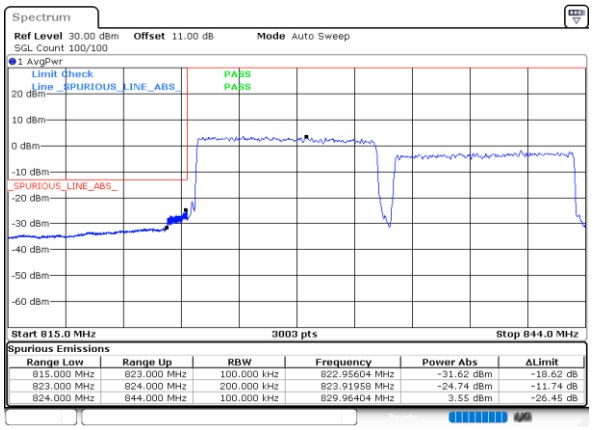
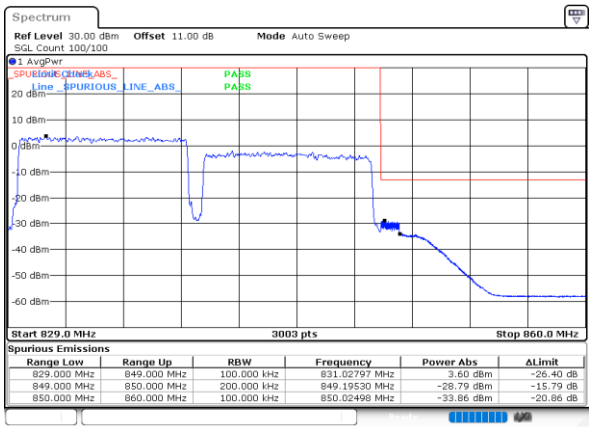
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB