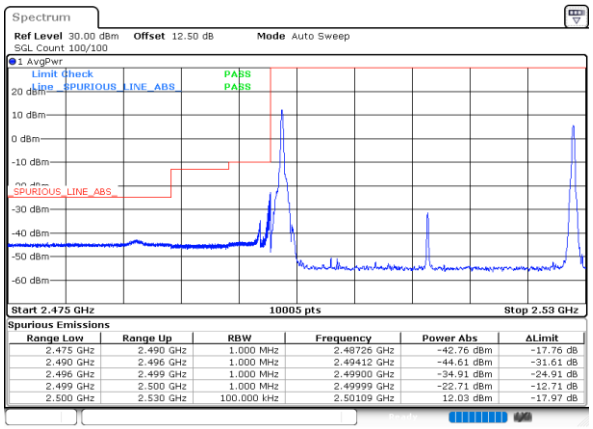
LTE Band 7C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

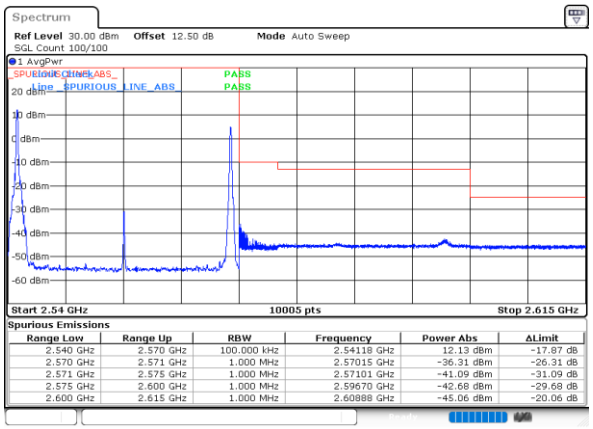


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48726 GHz	-42.76 dBm	-17.76 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49412 GHz	-44.61 dBm	-31.61 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-34.91 dBm	-24.91 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-22.71 dBm	-12.71 dB
2.500 GHz	2.530 GHz	100.000 kHz	2.50109 GHz	12.03 dBm	-17.97 dB

Date: 24.MAY.2022 14:38:28

Highest Band Edge / 1RB0 and 1RB49

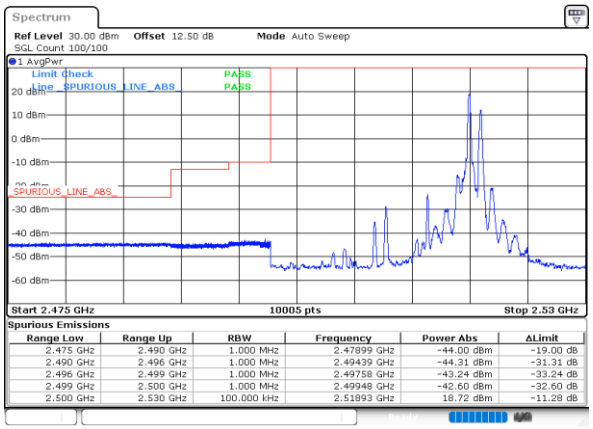


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	100.000 kHz	2.54118 GHz	12.13 dBm	-17.87 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57015 GHz	-36.31 dBm	-26.31 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-41.09 dBm	-31.09 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.59670 GHz	-42.68 dBm	-29.68 dB
2.600 GHz	2.615 GHz	1.000 MHz	2.60888 GHz	-45.06 dBm	-20.06 dB

Date: 24.MAY.2022 14:21:24

Lowest Band Edge / 1RB99 and 1RB0

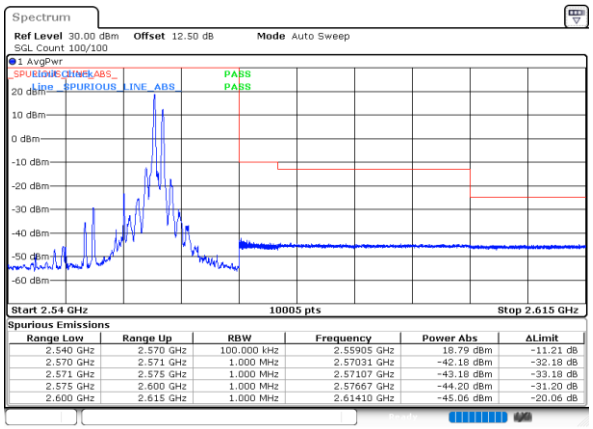


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.47899 GHz	-44.00 dBm	-19.00 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49439 GHz	-44.31 dBm	-31.31 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49758 GHz	-43.24 dBm	-33.24 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49948 GHz	-42.60 dBm	-32.60 dB
2.500 GHz	2.530 GHz	100.000 kHz	2.51893 GHz	18.72 dBm	-11.28 dB

Date: 24.MAY.2022 14:44:20

Highest Band Edge / 1RB99 and 1RB0

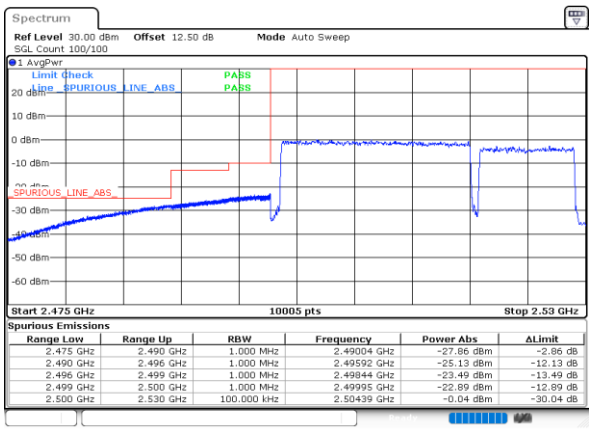


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	100.000 kHz	2.55905 GHz	18.79 dBm	-11.21 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57031 GHz	-42.18 dBm	-32.18 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-43.18 dBm	-33.18 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57667 GHz	-44.20 dBm	-31.20 dB
2.600 GHz	2.615 GHz	1.000 MHz	2.61410 GHz	-45.06 dBm	-20.06 dB

Date: 24.MAY.2022 14:22:32

Lowest Band Edge / Full RB

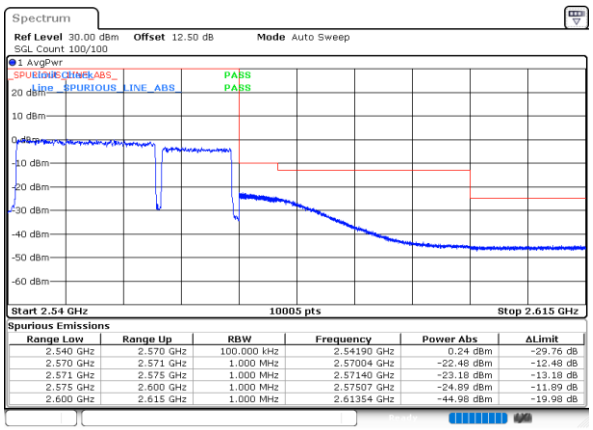


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49004 GHz	-27.86 dBm	-2.86 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49592 GHz	-25.13 dBm	-12.13 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49844 GHz	-23.49 dBm	-13.49 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49995 GHz	-22.89 dBm	-12.89 dB
2.500 GHz	2.530 GHz	100.000 kHz	2.50439 GHz	-0.04 dBm	-30.04 dB

Date: 24.MAY.2022 14:37:16

Highest Band Edge / Full RB



Spurious Emissions

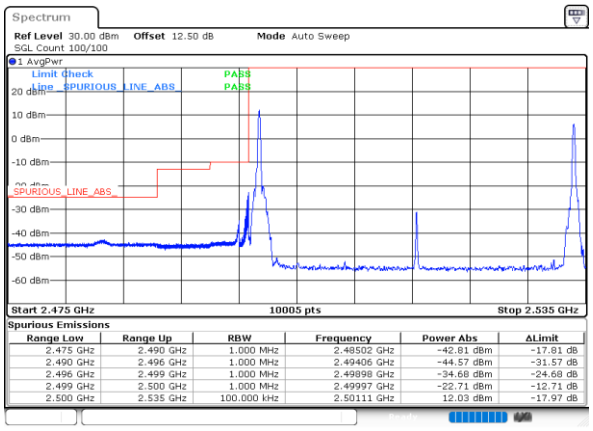
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	100.000 kHz	2.54190 GHz	0.24 dBm	-29.76 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57004 GHz	-22.48 dBm	-12.48 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57140 GHz	-23.18 dBm	-13.18 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57507 GHz	-24.89 dBm	-11.89 dB
2.600 GHz	2.615 GHz	1.000 MHz	2.61354 GHz	-44.98 dBm	-19.98 dB

Date: 24.MAY.2022 14:15:35

LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

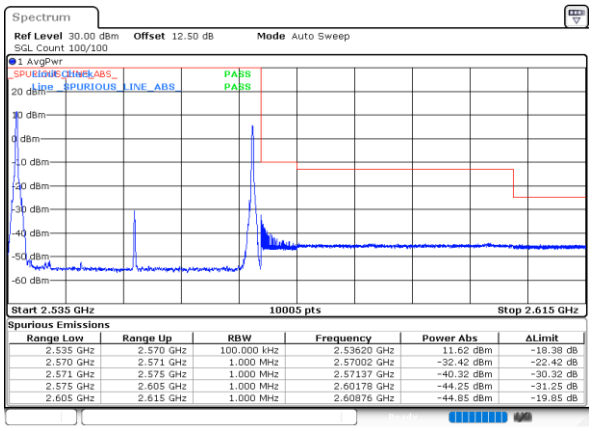


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48502 GHz	-42.81 dBm	-17.81 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49406 GHz	-44.57 dBm	-31.57 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-34.68 dBm	-24.68 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49997 GHz	-22.71 dBm	-12.71 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.50111 GHz	12.03 dBm	-17.97 dB

Date: 24.MAY.2022 17:02:05

Highest Band Edge / 1RB0 and 1RB74

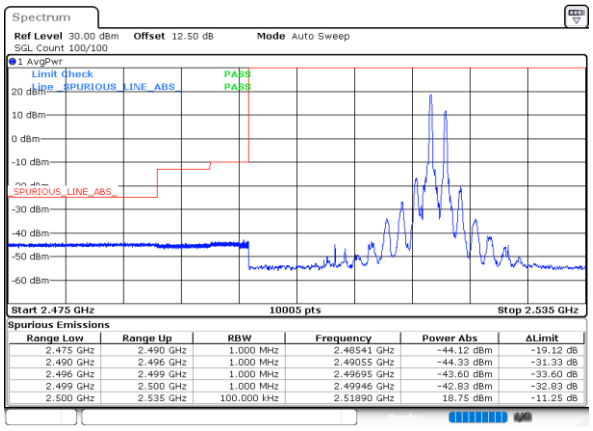


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.53620 GHz	11.62 dBm	-18.38 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57002 GHz	-32.42 dBm	-22.42 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57137 GHz	-40.32 dBm	-30.32 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.60178 GHz	-44.25 dBm	-31.25 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.60876 GHz	-44.85 dBm	-19.85 dB

Date: 24.MAY.2022 16:45:10

Lowest Band Edge / 1RB99 and 1RB0

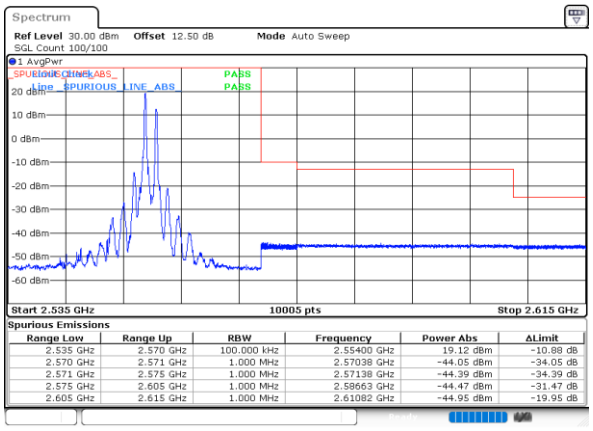


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48541 GHz	-44.12 dBm	-19.12 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49055 GHz	-44.33 dBm	-31.33 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49695 GHz	-43.60 dBm	-33.60 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49946 GHz	-42.83 dBm	-32.83 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.51890 GHz	18.75 dBm	-11.25 dB

Date: 24.MAY.2022 17:07:49

Highest Band Edge / 1RB99 and 1RB0

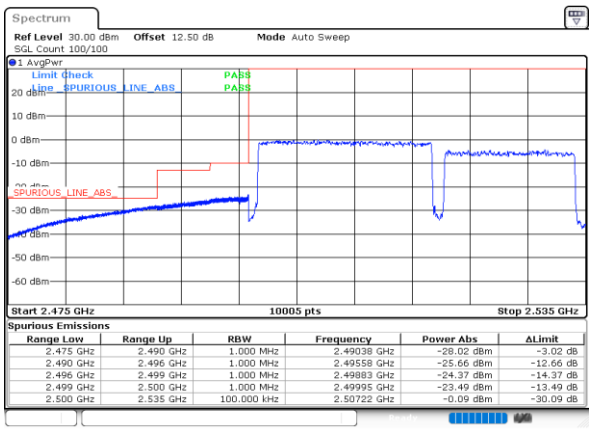


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.55400 GHz	19.12 dBm	-10.88 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57038 GHz	-44.05 dBm	-34.05 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57138 GHz	-44.39 dBm	-34.39 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.58663 GHz	-44.47 dBm	-31.47 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.61082 GHz	-44.95 dBm	-19.95 dB

Date: 24.MAY.2022 16:46:19

Lowest Band Edge / Full RB

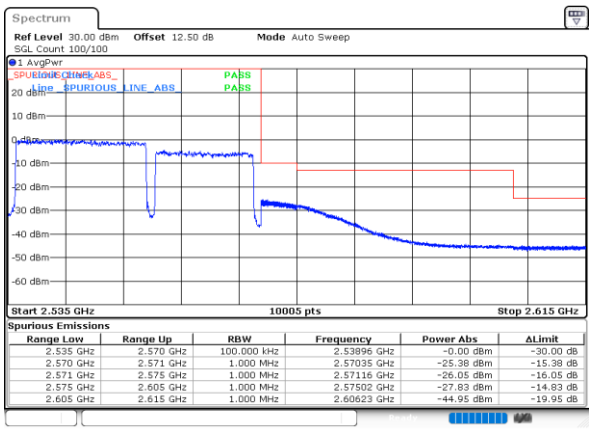


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49038 GHz	-28.02 dBm	-3.02 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49558 GHz	-25.66 dBm	-12.66 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49883 GHz	-24.37 dBm	-14.37 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49995 GHz	-23.49 dBm	-13.49 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.50722 GHz	-0.09 dBm	-30.09 dB

Date: 24.MAY.2022 17:00:56

Highest Band Edge / Full RB



Spurious Emissions

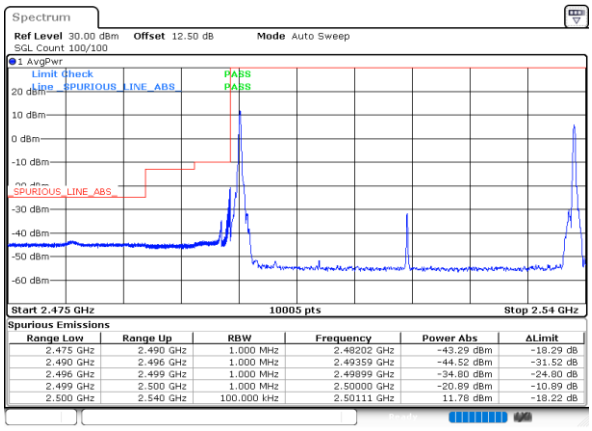
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.53896 GHz	-0.00 dBm	-30.00 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57035 GHz	-25.38 dBm	-15.38 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57116 GHz	-26.05 dBm	-16.05 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.57502 GHz	-27.83 dBm	-14.83 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.60623 GHz	-44.95 dBm	-19.95 dB

Date: 24.MAY.2022 16:39:28

LTE Band 7C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

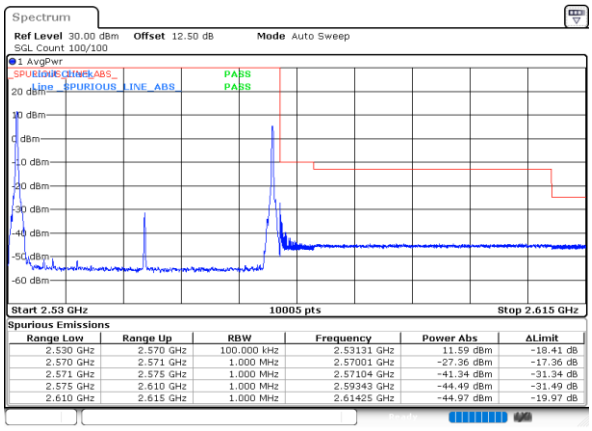


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48202 GHz	-43.29 dBm	-18.29 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49359 GHz	-44.52 dBm	-31.52 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-34.80 dBm	-24.80 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.50000 GHz	-20.89 dBm	-10.89 dB
2.500 GHz	2.540 GHz	100.000 kHz	2.50111 GHz	11.78 dBm	-18.22 dB

Date: 24.MAY.2022 17:48:22

Highest Band Edge / 1RB0 and 1RB99

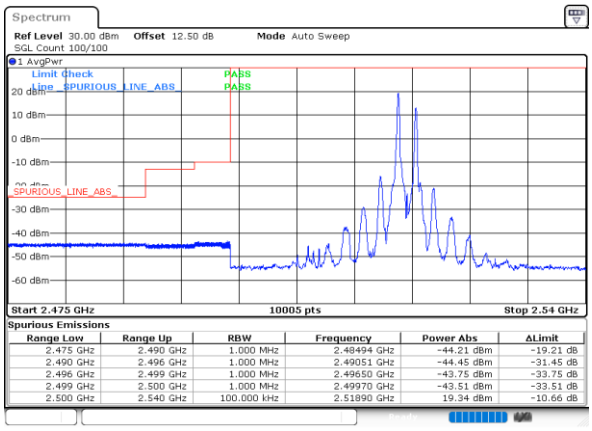


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.530 GHz	2.570 GHz	100.000 kHz	2.53131 GHz	11.59 dBm	-18.41 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57001 GHz	-27.36 dBm	-17.36 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-41.34 dBm	-31.34 dB
2.575 GHz	2.610 GHz	1.000 MHz	2.59343 GHz	-44.49 dBm	-31.49 dB
2.610 GHz	2.615 GHz	1.000 MHz	2.61425 GHz	-44.97 dBm	-19.97 dB

Date: 24.MAY.2022 17:33:01

Lowest Band Edge / 1RB99 and 1RB0

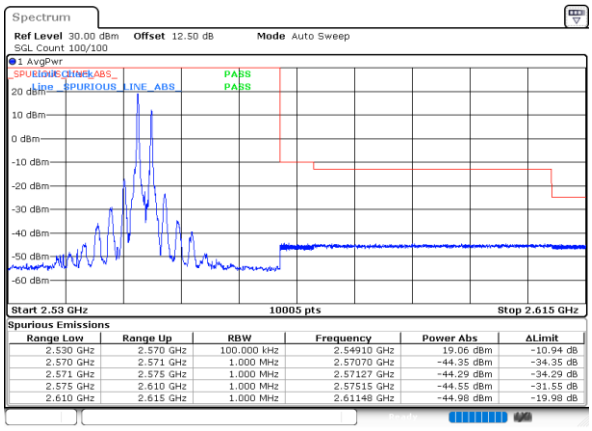


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48494 GHz	-44.21 dBm	-19.21 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49051 GHz	-44.45 dBm	-31.45 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49650 GHz	-43.75 dBm	-33.75 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49970 GHz	-43.51 dBm	-33.51 dB
2.500 GHz	2.540 GHz	100.000 kHz	2.51890 GHz	19.34 dBm	-10.66 dB

Date: 24.MAY.2022 17:53:40

Highest Band Edge / 1RB99 and 1RB0

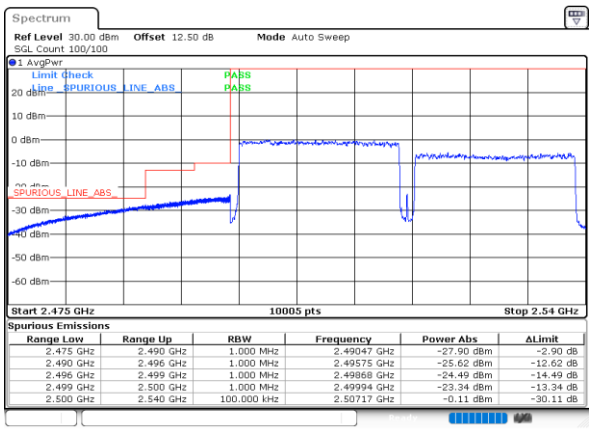


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.530 GHz	2.570 GHz	100.000 kHz	2.54910 GHz	19.06 dBm	-10.94 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57070 GHz	-44.35 dBm	-34.35 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57127 GHz	-44.29 dBm	-34.29 dB
2.575 GHz	2.610 GHz	1.000 MHz	2.57515 GHz	-44.55 dBm	-31.55 dB
2.610 GHz	2.615 GHz	1.000 MHz	2.61148 GHz	-44.98 dBm	-19.98 dB

Date: 24.MAY.2022 17:34:05

Lowest Band Edge / Full RB

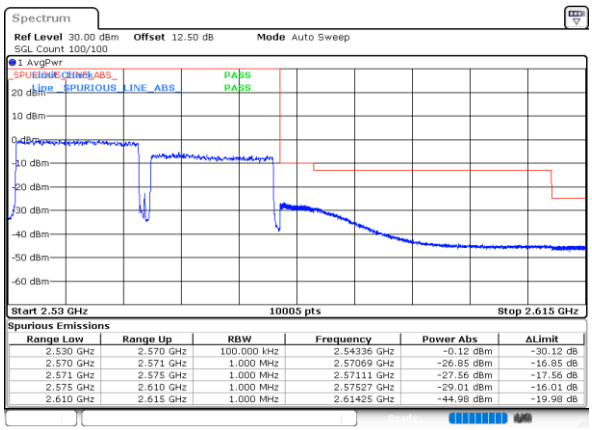


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-27.90 dBm	-2.90 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49575 GHz	-25.62 dBm	-12.62 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49868 GHz	-24.49 dBm	-14.49 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49994 GHz	-23.34 dBm	-13.34 dB
2.500 GHz	2.540 GHz	100.000 kHz	2.50717 GHz	-0.11 dBm	-30.11 dB

Date: 24.MAY.2022 17:47:18

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.530 GHz	2.570 GHz	100.000 kHz	2.54336 GHz	-0.12 dBm	-30.12 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57069 GHz	-26.85 dBm	-16.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57111 GHz	-27.56 dBm	-17.56 dB
2.575 GHz	2.610 GHz	1.000 MHz	2.57527 GHz	-29.01 dBm	-16.01 dB
2.610 GHz	2.615 GHz	1.000 MHz	2.61425 GHz	-44.98 dBm	-19.98 dB

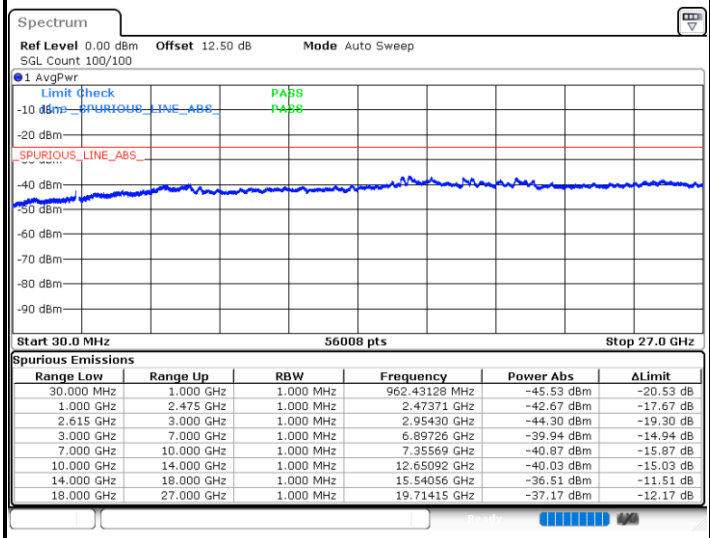
Date: 24.MAY.2022 17:27:45

Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

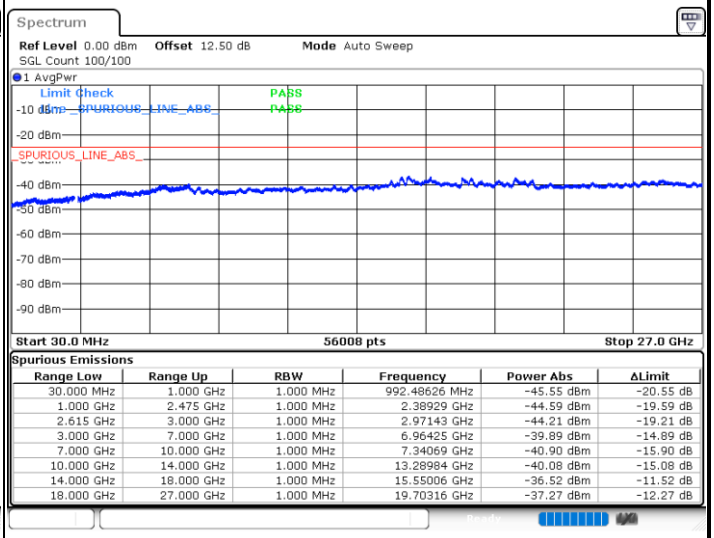


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.43128 MHz	-45.53 dBm	-20.53 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-42.67 dBm	-17.67 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95430 GHz	-44.30 dBm	-19.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89726 GHz	-39.94 dBm	-14.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35569 GHz	-40.87 dBm	-15.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.65092 GHz	-40.03 dBm	-15.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54056 GHz	-36.51 dBm	-11.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71415 GHz	-37.17 dBm	-12.17 dB

Date: 24.MAY.2022 13:57:39

Lowest Channel / 1RB49 and 1RB0

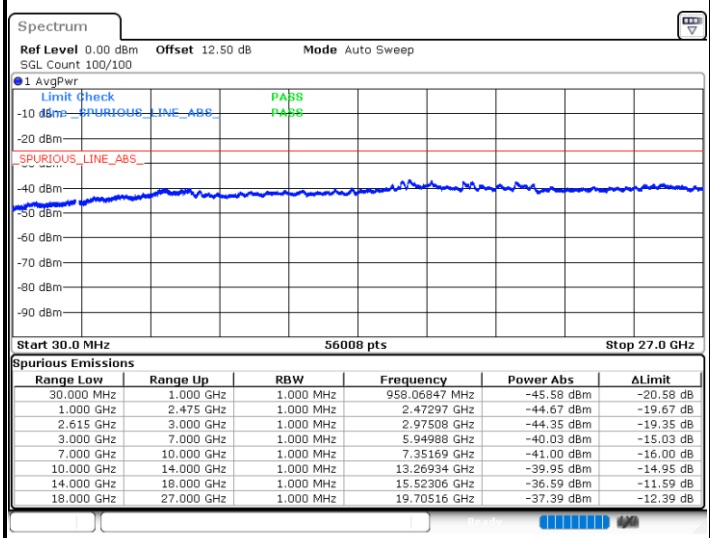


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-45.55 dBm	-20.55 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.38929 GHz	-44.59 dBm	-19.59 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97143 GHz	-44.21 dBm	-19.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-39.89 dBm	-14.89 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34069 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28984 GHz	-40.08 dBm	-15.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55006 GHz	-36.52 dBm	-11.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70316 GHz	-37.27 dBm	-12.27 dB

Date: 24.MAY.2022 13:56:11

Middle Channel / 1RB0 and 1RB99

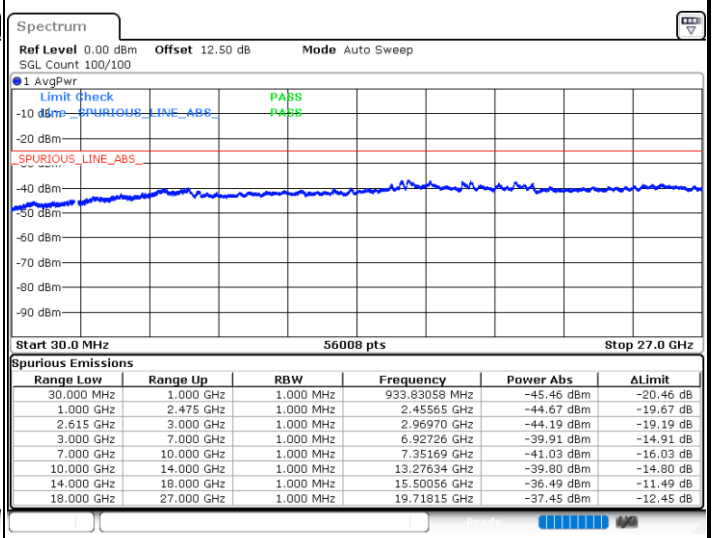


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-45.58 dBm	-20.58 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47297 GHz	-44.67 dBm	-19.67 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97508 GHz	-44.35 dBm	-19.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.94988 GHz	-40.03 dBm	-15.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35169 GHz	-41.00 dBm	-16.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.26934 GHz	-39.95 dBm	-14.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52306 GHz	-36.59 dBm	-11.59 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70516 GHz	-37.39 dBm	-12.39 dB

Date: 24.MAY.2022 14:07:03

Middle Channel / 1RB49 and 1RB0



Spurious Emissions

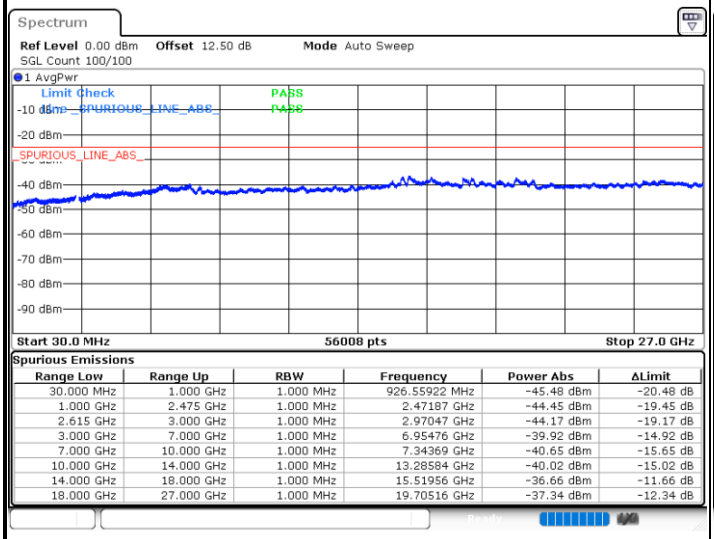
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-45.46 dBm	-20.46 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45565 GHz	-44.67 dBm	-19.67 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96970 GHz	-44.19 dBm	-19.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92726 GHz	-39.91 dBm	-14.91 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35169 GHz	-41.03 dBm	-16.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27634 GHz	-39.80 dBm	-14.80 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.50056 GHz	-36.49 dBm	-11.49 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71815 GHz	-37.45 dBm	-12.45 dB

Date: 24.MAY.2022 14:08:31

LTE Band 7C / 10MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

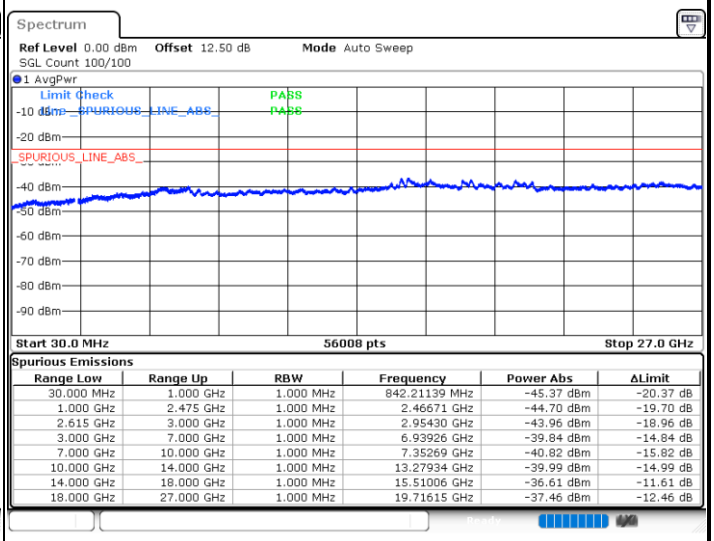


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-45.48 dBm	-20.48 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47187 GHz	-44.45 dBm	-19.45 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97047 GHz	-44.17 dBm	-19.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95476 GHz	-39.92 dBm	-14.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34369 GHz	-40.65 dBm	-15.65 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28584 GHz	-40.02 dBm	-15.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51956 GHz	-36.66 dBm	-11.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70516 GHz	-37.34 dBm	-12.34 dB

Date: 24.MAY.2022 13:38:11

Highest Channel / 1RB49 and 1RB0



Spurious Emissions

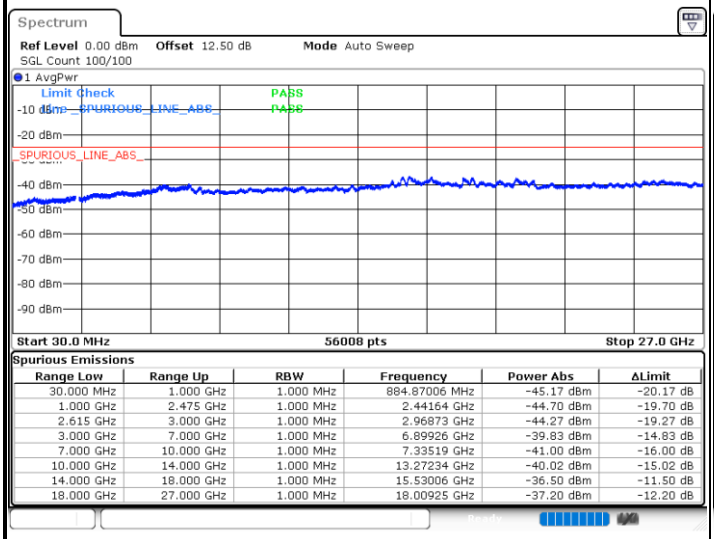
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	842.21139 MHz	-45.37 dBm	-20.37 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46671 GHz	-44.70 dBm	-19.70 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95430 GHz	-43.96 dBm	-18.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93926 GHz	-39.84 dBm	-14.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35269 GHz	-40.82 dBm	-15.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27934 GHz	-39.99 dBm	-14.99 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51006 GHz	-36.61 dBm	-11.61 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71615 GHz	-37.46 dBm	-12.46 dB

Date: 24.MAY.2022 13:36:43

LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

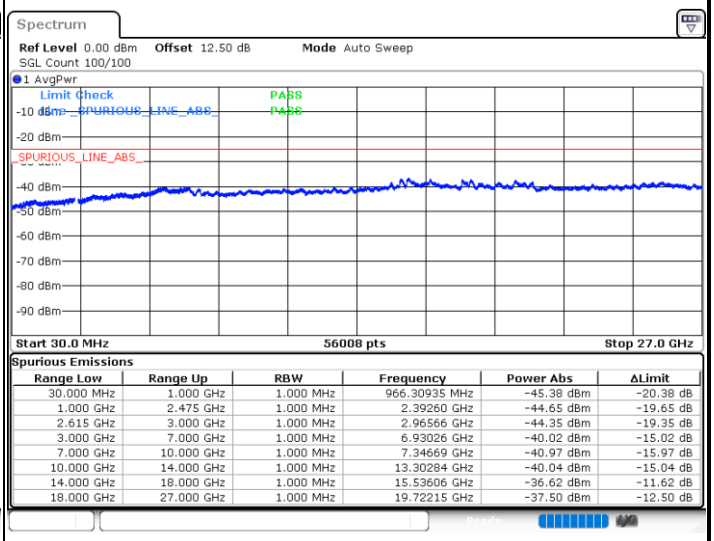


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-45.17 dBm	-20.17 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44164 GHz	-44.70 dBm	-19.70 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96873 GHz	-44.27 dBm	-19.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89926 GHz	-39.83 dBm	-14.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33519 GHz	-41.00 dBm	-16.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27234 GHz	-40.02 dBm	-15.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53006 GHz	-36.50 dBm	-11.50 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00925 GHz	-37.20 dBm	-12.20 dB

Date: 24.MAY.2022 18:47:17

Lowest Channel / 1RB74 and 1RB0

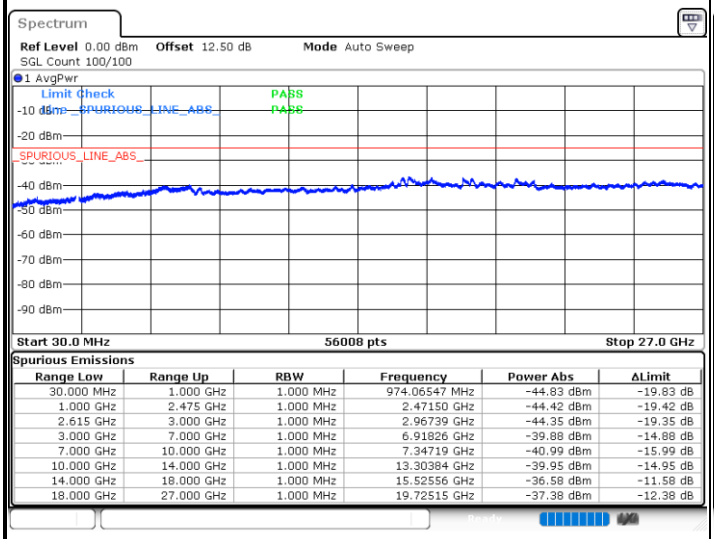


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.39260 GHz	-44.65 dBm	-19.65 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96566 GHz	-44.35 dBm	-19.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-40.02 dBm	-15.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34669 GHz	-40.97 dBm	-15.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30284 GHz	-40.04 dBm	-15.04 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53606 GHz	-36.62 dBm	-11.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72215 GHz	-37.50 dBm	-12.50 dB

Date: 24.MAY.2022 18:45:48

Middle Channel / 1RB0 and 1RB49

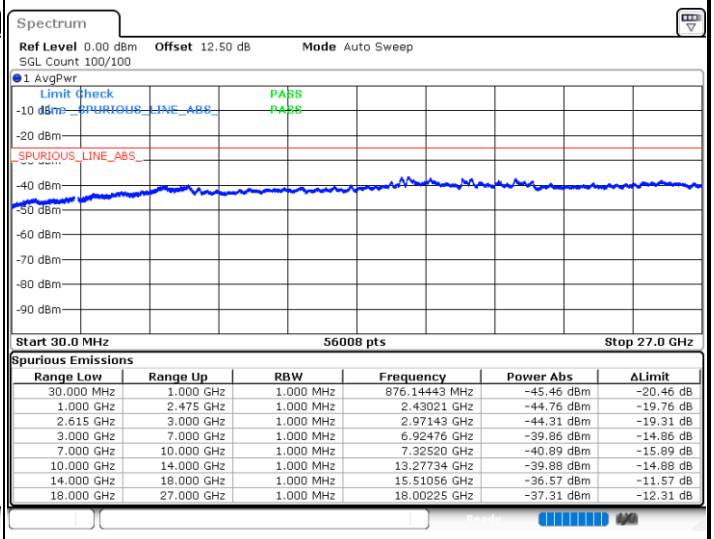


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-44.83 dBm	-19.83 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47150 GHz	-44.42 dBm	-19.42 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96739 GHz	-44.35 dBm	-19.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91826 GHz	-39.88 dBm	-14.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34719 GHz	-40.99 dBm	-15.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30384 GHz	-39.95 dBm	-14.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52556 GHz	-36.58 dBm	-11.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72515 GHz	-37.38 dBm	-12.38 dB

Date: 24.MAY.2022 18:56:35

Middle Channel / 1RB74 and 1RB0



Spurious Emissions

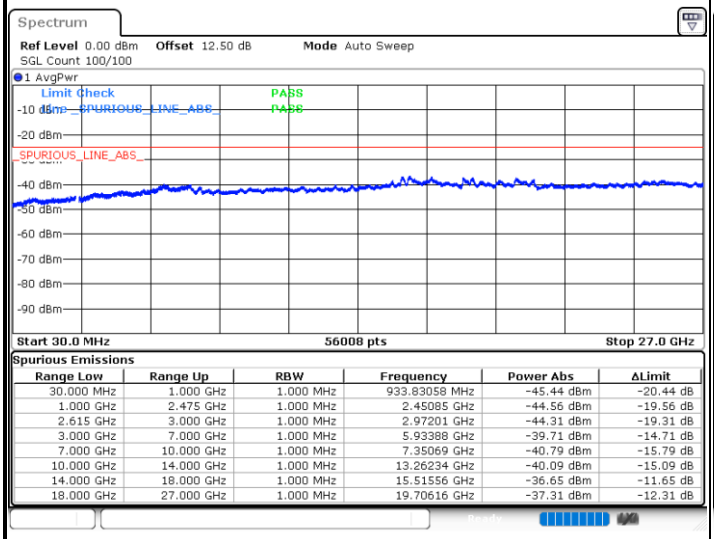
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.14443 MHz	-45.46 dBm	-20.46 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43021 GHz	-44.76 dBm	-19.76 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97143 GHz	-44.31 dBm	-19.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92476 GHz	-39.86 dBm	-14.86 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.32520 GHz	-40.89 dBm	-15.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27734 GHz	-39.88 dBm	-14.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51056 GHz	-36.57 dBm	-11.57 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00225 GHz	-37.31 dBm	-12.31 dB

Date: 24.MAY.2022 18:58:02

LTE Band 7C / 15MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

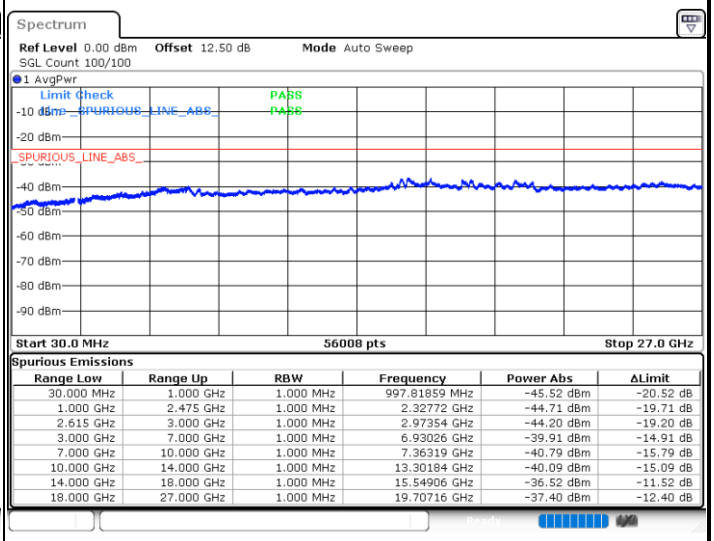


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-45.44 dBm	-20.44 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45085 GHz	-44.56 dBm	-19.56 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97201 GHz	-44.31 dBm	-19.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.93388 GHz	-39.71 dBm	-14.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35069 GHz	-40.79 dBm	-15.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.26234 GHz	-40.09 dBm	-15.09 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51556 GHz	-36.65 dBm	-11.65 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70616 GHz	-37.31 dBm	-12.31 dB

Date: 24.MAY.2022 18:28:04

Highest Channel / 1RB74 and 1RB0



Spurious Emissions

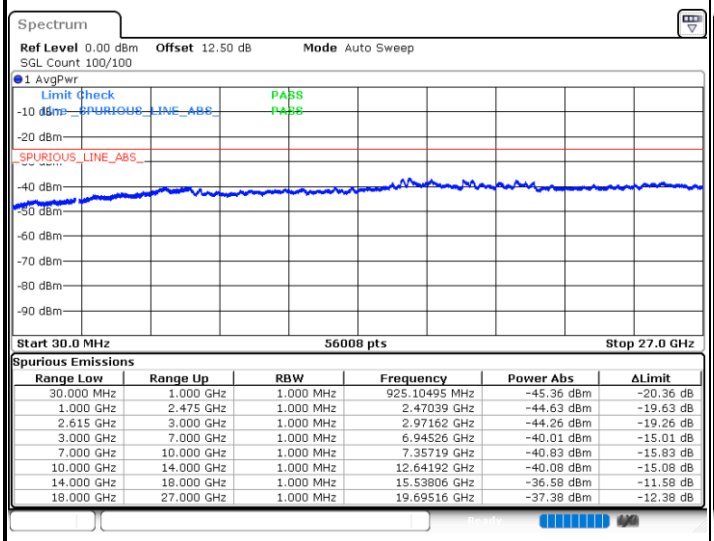
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-45.52 dBm	-20.52 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.32772 GHz	-44.71 dBm	-19.71 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97354 GHz	-44.20 dBm	-19.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-39.91 dBm	-14.91 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.36319 GHz	-40.79 dBm	-15.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30184 GHz	-40.09 dBm	-15.09 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54906 GHz	-36.52 dBm	-11.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70716 GHz	-37.40 dBm	-12.40 dB

Date: 24.MAY.2022 18:26:36

LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

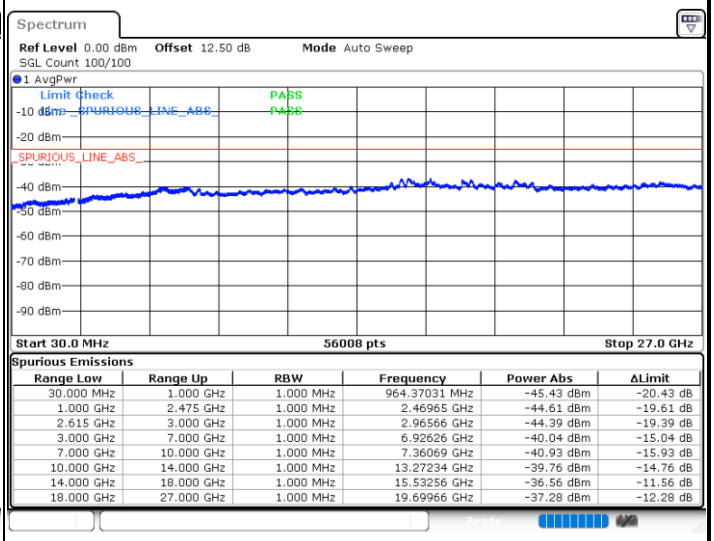


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-45.36 dBm	-20.36 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47039 GHz	-44.63 dBm	-19.63 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97162 GHz	-44.26 dBm	-19.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94526 GHz	-40.01 dBm	-15.01 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35719 GHz	-40.83 dBm	-15.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.64192 GHz	-40.08 dBm	-15.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53806 GHz	-36.58 dBm	-11.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69516 GHz	-37.38 dBm	-12.38 dB

Date: 24.MAY.2022 15:33:22

Lowest Channel / 1RB74 and 1RB0

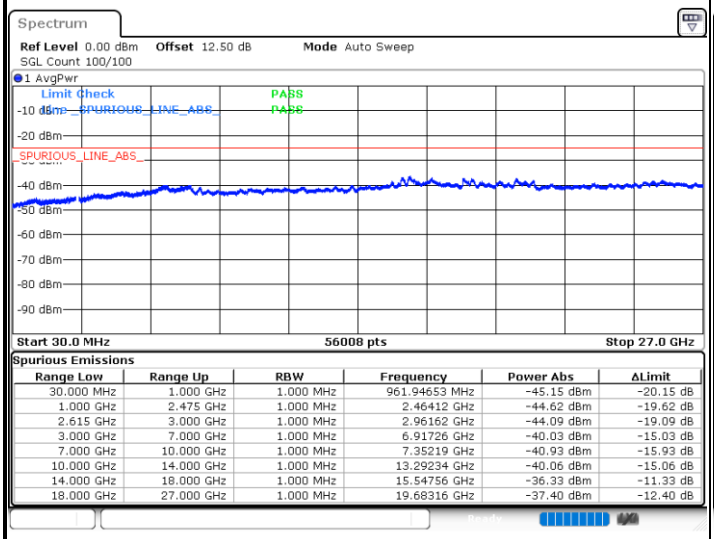


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46965 GHz	-44.61 dBm	-19.61 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96566 GHz	-44.39 dBm	-19.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92626 GHz	-40.04 dBm	-15.04 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.36069 GHz	-40.93 dBm	-15.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27234 GHz	-39.76 dBm	-14.76 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53256 GHz	-36.56 dBm	-11.56 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69966 GHz	-37.28 dBm	-12.28 dB

Date: 24.MAY.2022 15:31:59

Middle Channel / 1RB0 and 1RB74

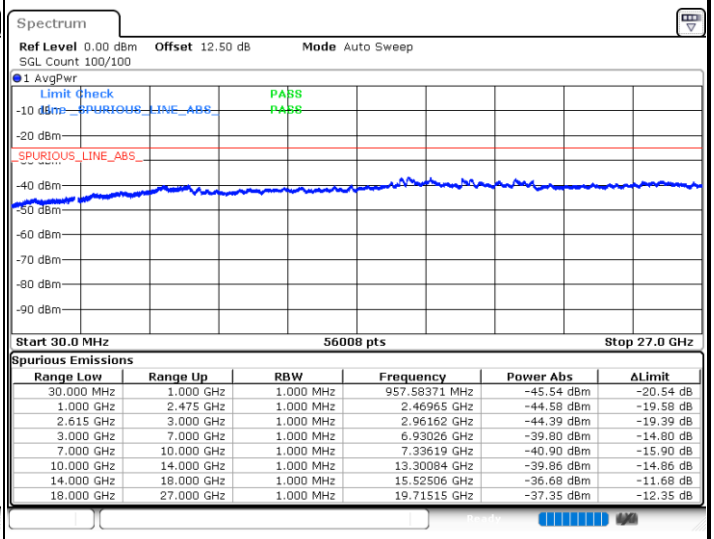


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-45.15 dBm	-20.15 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46412 GHz	-44.62 dBm	-19.62 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96162 GHz	-44.09 dBm	-19.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91726 GHz	-40.03 dBm	-15.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35219 GHz	-40.93 dBm	-15.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29234 GHz	-40.06 dBm	-15.06 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54756 GHz	-36.33 dBm	-11.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.68316 GHz	-37.40 dBm	-12.40 dB

Date: 24.MAY.2022 15:41:32

Middle Channel / 1RB74 and 1RB0



Spurious Emissions

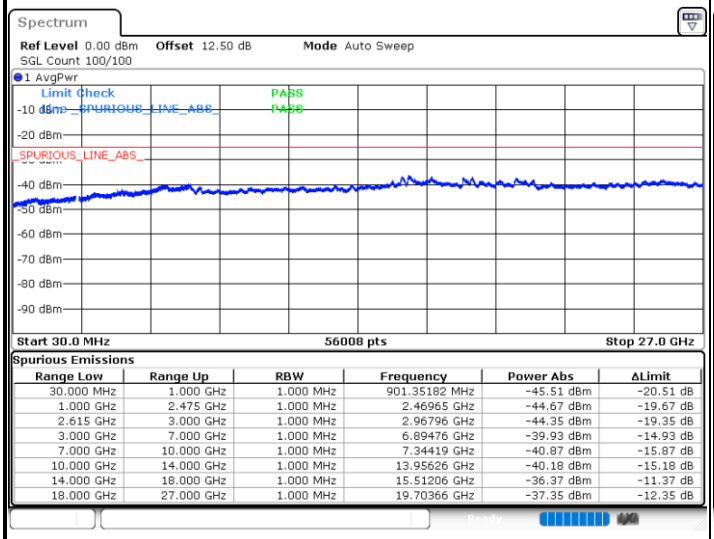
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-45.54 dBm	-20.54 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46965 GHz	-44.58 dBm	-19.58 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96162 GHz	-44.39 dBm	-19.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-39.80 dBm	-14.80 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33619 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30084 GHz	-39.86 dBm	-14.86 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52506 GHz	-36.68 dBm	-11.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71515 GHz	-37.35 dBm	-12.35 dB

Date: 24.MAY.2022 15:42:55

LTE Band 7C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

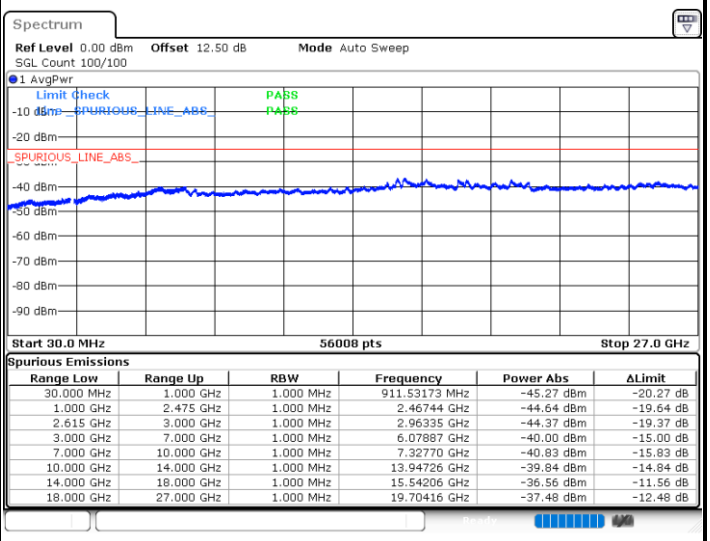


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-45.51 dBm	-20.51 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46965 GHz	-44.67 dBm	-19.67 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96796 GHz	-44.35 dBm	-19.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89476 GHz	-39.93 dBm	-14.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34419 GHz	-40.87 dBm	-15.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95626 GHz	-40.18 dBm	-15.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51206 GHz	-36.37 dBm	-11.37 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70366 GHz	-37.35 dBm	-12.35 dB

Date: 24.MAY.2022 15:15:39

Highest Channel / 1RB74 and 1RB0



Spurious Emissions

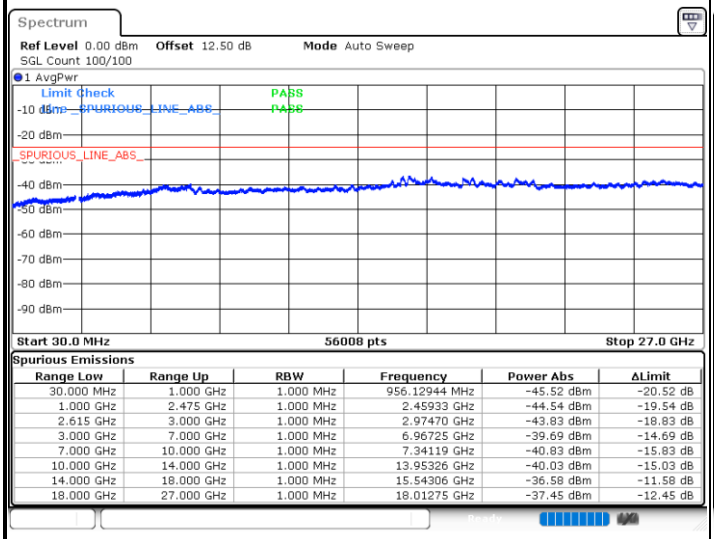
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-45.27 dBm	-20.27 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46744 GHz	-44.64 dBm	-19.64 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96335 GHz	-44.37 dBm	-19.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.07887 GHz	-40.00 dBm	-15.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.32770 GHz	-40.83 dBm	-15.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.94726 GHz	-39.84 dBm	-14.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54206 GHz	-36.56 dBm	-11.56 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70416 GHz	-37.48 dBm	-12.48 dB

Date: 24.MAY.2022 15:14:17

LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

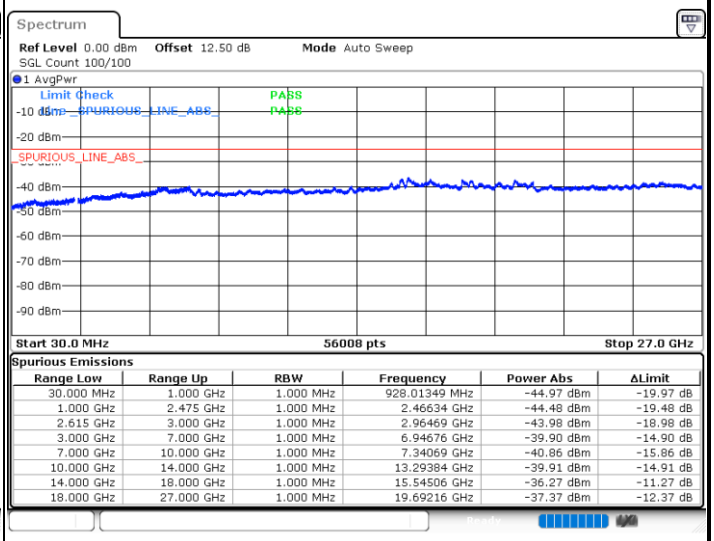


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.12944 MHz	-45.52 dBm	-20.52 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45933 GHz	-44.54 dBm	-19.54 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97470 GHz	-43.83 dBm	-18.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96725 GHz	-39.69 dBm	-14.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34119 GHz	-40.83 dBm	-15.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95326 GHz	-40.03 dBm	-15.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54306 GHz	-36.58 dBm	-11.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01275 GHz	-37.45 dBm	-12.45 dB

Date: 24.MAY.2022 16:21:34

Lowest Channel / 1RB74 and 1RB0

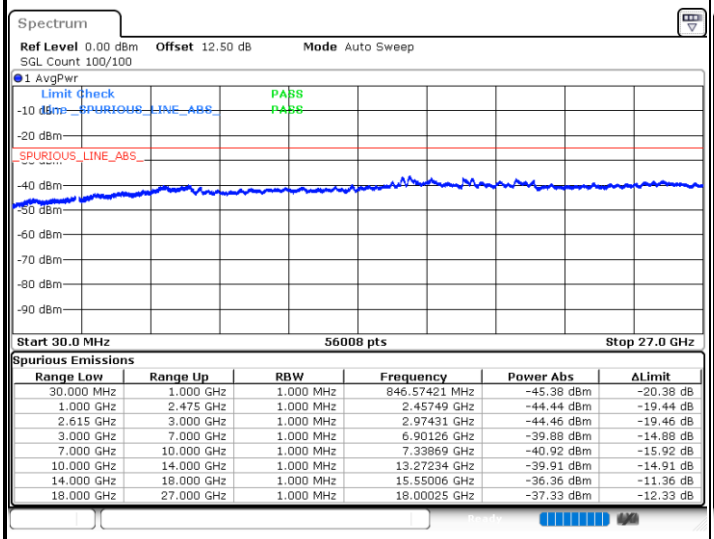


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-44.97 dBm	-19.97 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46634 GHz	-44.48 dBm	-19.48 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96469 GHz	-43.98 dBm	-18.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94676 GHz	-39.90 dBm	-14.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34069 GHz	-40.86 dBm	-15.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29384 GHz	-39.91 dBm	-14.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54506 GHz	-36.27 dBm	-11.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69216 GHz	-37.37 dBm	-12.37 dB

Date: 24.MAY.2022 16:20:06

Middle Channel / 1RB0 and 1RB99

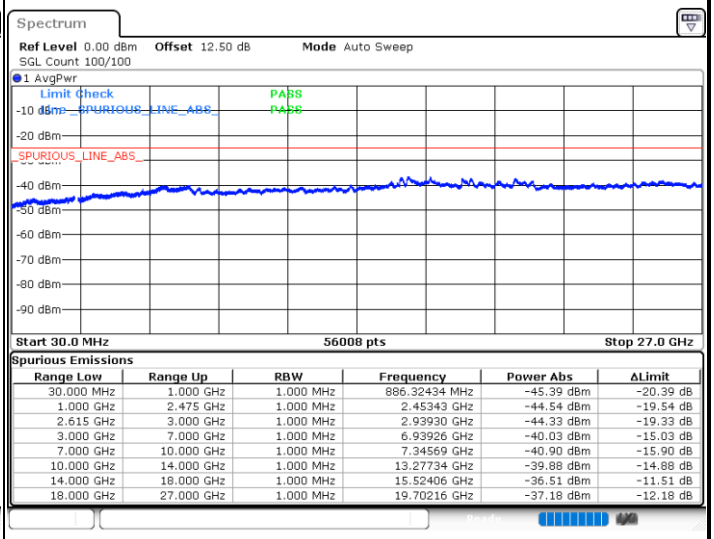


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	846.57421 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45749 GHz	-44.44 dBm	-19.44 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97431 GHz	-44.46 dBm	-19.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-39.88 dBm	-14.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33869 GHz	-40.92 dBm	-15.92 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27234 GHz	-39.91 dBm	-14.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55006 GHz	-36.36 dBm	-11.36 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-37.33 dBm	-12.33 dB

Date: 24.MAY.2022 16:30:55

Middle Channel / 1RB74 and 1RB0



Spurious Emissions

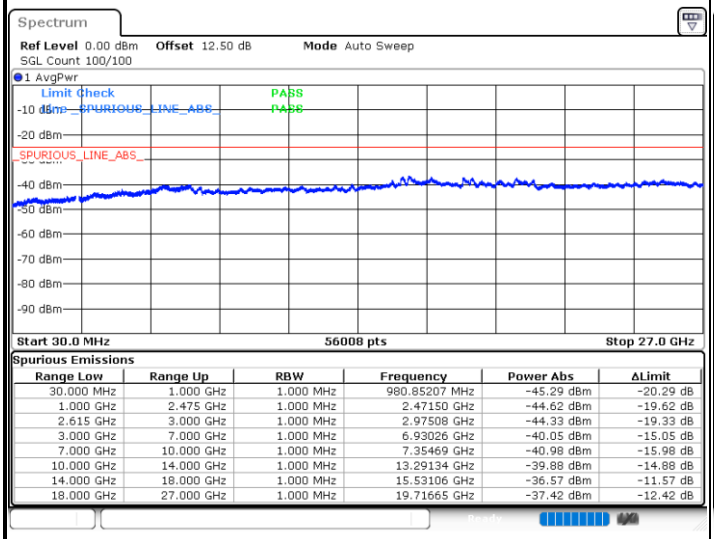
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.32434 MHz	-45.39 dBm	-20.39 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45343 GHz	-44.54 dBm	-19.54 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.93930 GHz	-44.33 dBm	-19.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93926 GHz	-40.03 dBm	-15.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34569 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27734 GHz	-39.88 dBm	-14.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52406 GHz	-36.51 dBm	-11.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70216 GHz	-37.18 dBm	-12.18 dB

Date: 24.MAY.2022 16:32:22

LTE Band 7C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

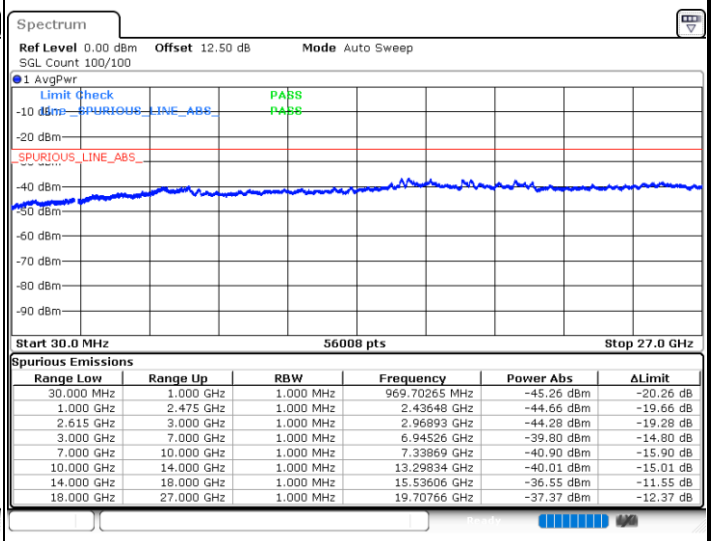


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-45.29 dBm	-20.29 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47150 GHz	-44.62 dBm	-19.62 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97508 GHz	-44.33 dBm	-19.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-40.05 dBm	-15.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35469 GHz	-40.98 dBm	-15.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29134 GHz	-39.88 dBm	-14.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53106 GHz	-36.57 dBm	-11.57 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71665 GHz	-37.42 dBm	-12.42 dB

Date: 24.MAY.2022 16:02:13

Highest Channel / 1RB74 and 1RB0



Spurious Emissions

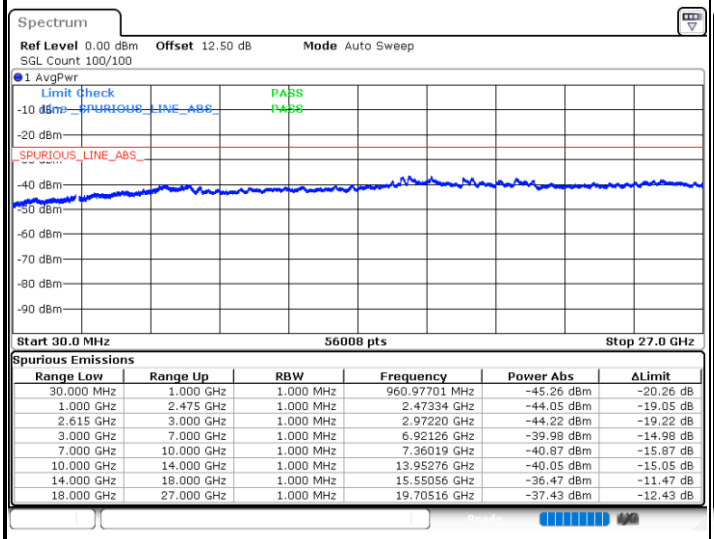
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-45.26 dBm	-20.26 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43648 GHz	-44.66 dBm	-19.66 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96893 GHz	-44.28 dBm	-19.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94526 GHz	-39.80 dBm	-14.80 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33869 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29834 GHz	-40.01 dBm	-15.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53606 GHz	-36.55 dBm	-11.55 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70766 GHz	-37.37 dBm	-12.37 dB

Date: 24.MAY.2022 16:00:45

LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

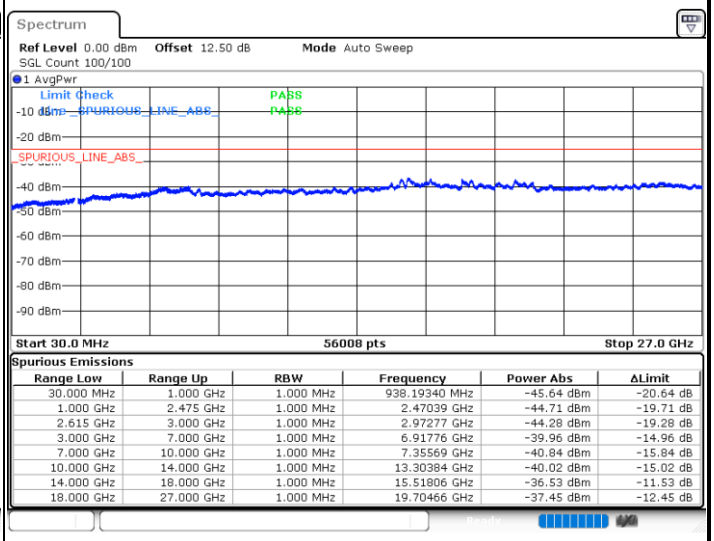


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-45.26 dBm	-20.26 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47334 GHz	-44.05 dBm	-19.05 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97220 GHz	-44.22 dBm	-19.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92126 GHz	-39.98 dBm	-14.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.36019 GHz	-40.87 dBm	-15.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95276 GHz	-40.05 dBm	-15.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55056 GHz	-36.47 dBm	-11.47 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70516 GHz	-37.43 dBm	-12.43 dB

Date: 24.MAY.2022 14:47:19

Lowest Channel / 1RB99 and 1RB0

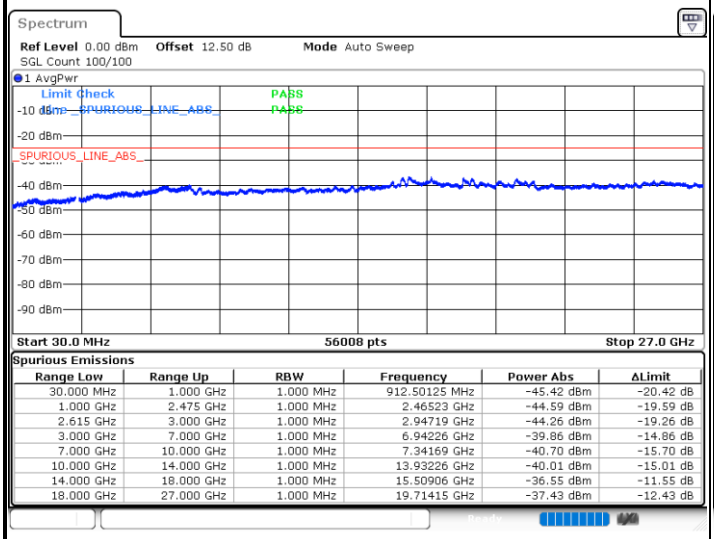


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-45.64 dBm	-20.64 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47039 GHz	-44.71 dBm	-19.71 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97277 GHz	-44.28 dBm	-19.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91776 GHz	-39.96 dBm	-14.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35569 GHz	-40.84 dBm	-15.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30384 GHz	-40.02 dBm	-15.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51806 GHz	-36.53 dBm	-11.53 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70466 GHz	-37.45 dBm	-12.45 dB

Date: 24.MAY.2022 14:45:49

Middle Channel / 1RB0 and 1RB49

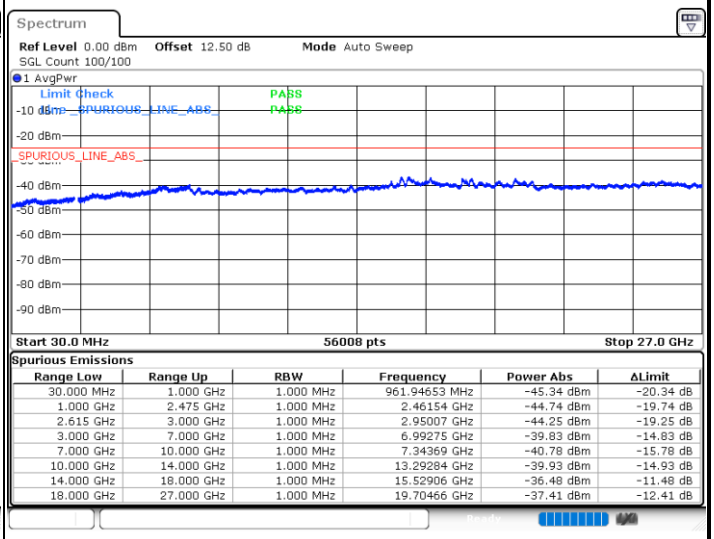


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.50125 MHz	-45.42 dBm	-20.42 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46523 GHz	-44.59 dBm	-19.59 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94719 GHz	-44.26 dBm	-19.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94226 GHz	-39.86 dBm	-14.86 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34169 GHz	-40.70 dBm	-15.70 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.93226 GHz	-40.01 dBm	-15.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.50906 GHz	-36.55 dBm	-11.55 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71415 GHz	-37.43 dBm	-12.43 dB

Date: 24.MAY.2022 14:56:37

Middle Channel / 1RB99 and 1RB0



Spurious Emissions

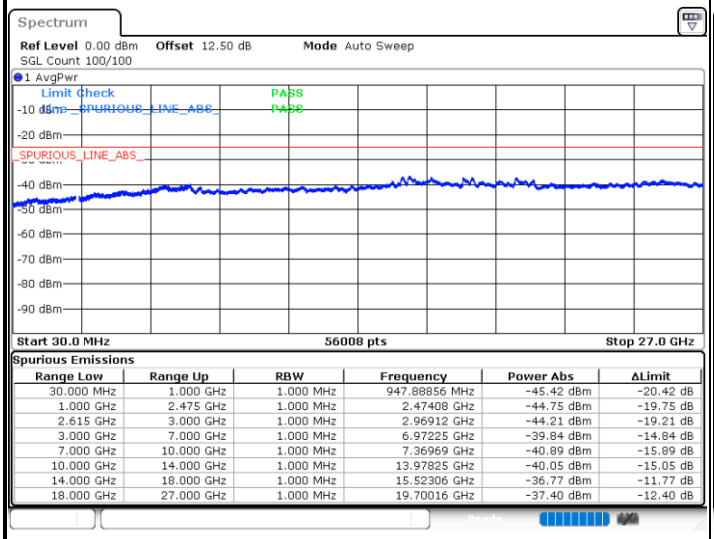
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-45.34 dBm	-20.34 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46154 GHz	-44.74 dBm	-19.74 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95007 GHz	-44.25 dBm	-19.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-39.83 dBm	-14.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34369 GHz	-40.78 dBm	-15.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29284 GHz	-39.93 dBm	-14.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52906 GHz	-36.48 dBm	-11.48 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70466 GHz	-37.41 dBm	-12.41 dB

Date: 24.MAY.2022 14:58:05

LTE Band 7C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

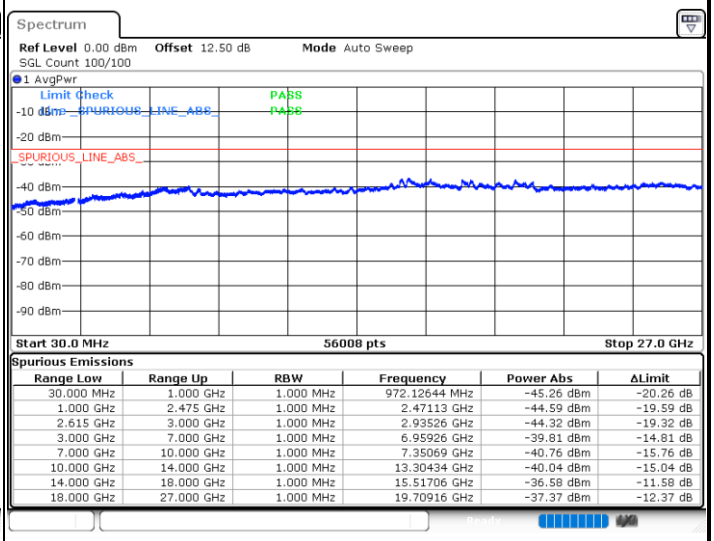


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-45.42 dBm	-20.42 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-44.75 dBm	-19.75 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96912 GHz	-44.21 dBm	-19.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97225 GHz	-39.84 dBm	-14.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.36969 GHz	-40.89 dBm	-15.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97825 GHz	-40.05 dBm	-15.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52306 GHz	-36.77 dBm	-11.77 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70016 GHz	-37.40 dBm	-12.40 dB

Date: 24.MAY.2022 14:27:47

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

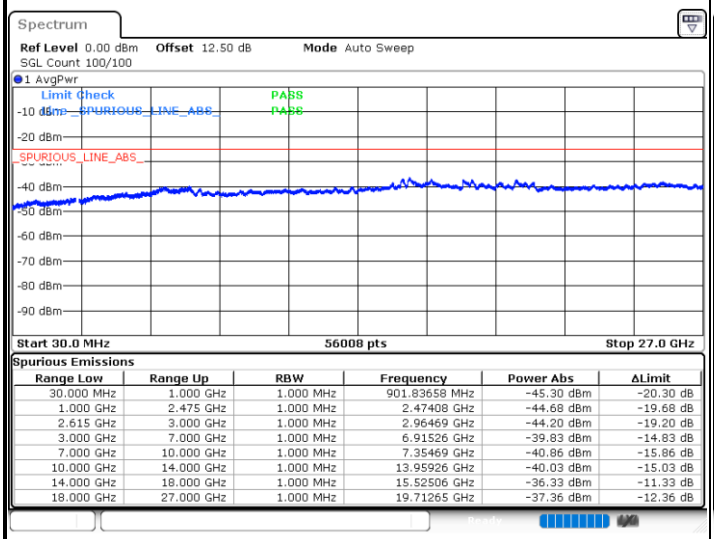
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-45.26 dBm	-20.26 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47113 GHz	-44.59 dBm	-19.59 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.93526 GHz	-44.32 dBm	-19.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95926 GHz	-39.81 dBm	-14.81 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35069 GHz	-40.76 dBm	-15.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30434 GHz	-40.04 dBm	-15.04 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51706 GHz	-36.58 dBm	-11.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70916 GHz	-37.37 dBm	-12.37 dB

Date: 24.MAY.2022 14:26:19

LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

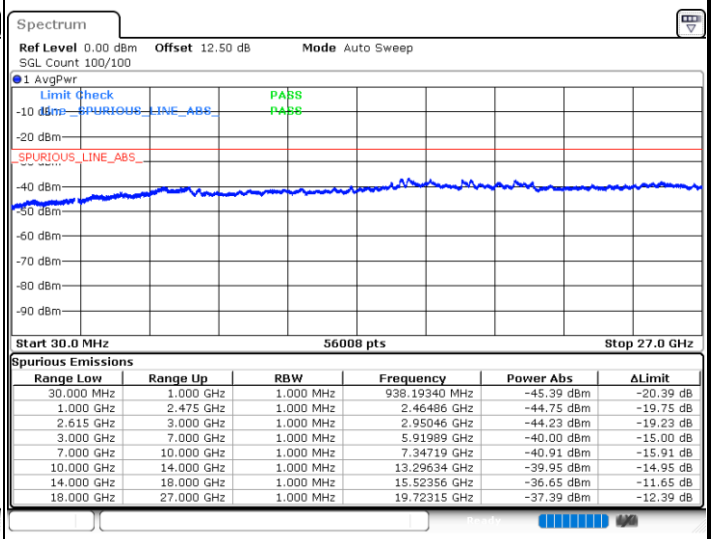


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-45.30 dBm	-20.30 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-44.68 dBm	-19.68 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96469 GHz	-44.20 dBm	-19.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91526 GHz	-39.83 dBm	-14.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35469 GHz	-40.86 dBm	-15.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95926 GHz	-40.03 dBm	-15.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52506 GHz	-36.33 dBm	-11.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71265 GHz	-37.36 dBm	-12.36 dB

Date: 24.MAY.2022 17:10:45

Lowest Channel / 1RB99 and 1RB0

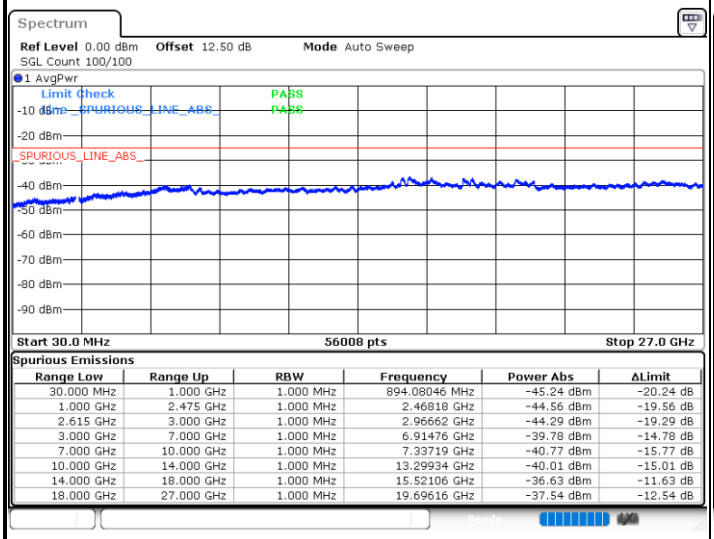


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-45.39 dBm	-20.39 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46486 GHz	-44.75 dBm	-19.75 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95046 GHz	-44.23 dBm	-19.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.91989 GHz	-40.00 dBm	-15.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34719 GHz	-40.91 dBm	-15.91 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29634 GHz	-39.95 dBm	-14.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52356 GHz	-36.65 dBm	-11.65 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72315 GHz	-37.39 dBm	-12.39 dB

Date: 24.MAY.2022 17:09:17

Middle Channel / 1RB0 and 1RB74

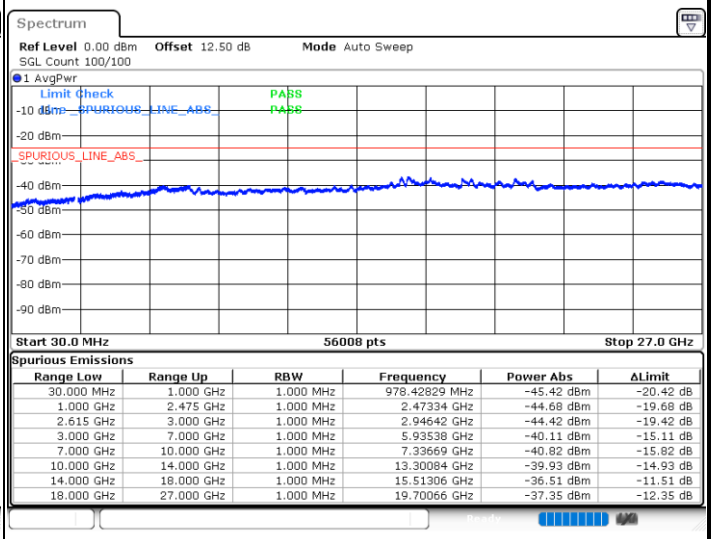


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.08046 MHz	-45.24 dBm	-20.24 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46818 GHz	-44.56 dBm	-19.56 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96662 GHz	-44.29 dBm	-19.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91476 GHz	-39.78 dBm	-14.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33719 GHz	-40.77 dBm	-15.77 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29934 GHz	-40.01 dBm	-15.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52106 GHz	-36.63 dBm	-11.63 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69616 GHz	-37.54 dBm	-12.54 dB

Date: 24.MAY.2022 17:20:05

Middle Channel / 1RB99 and 1RB0



Spurious Emissions

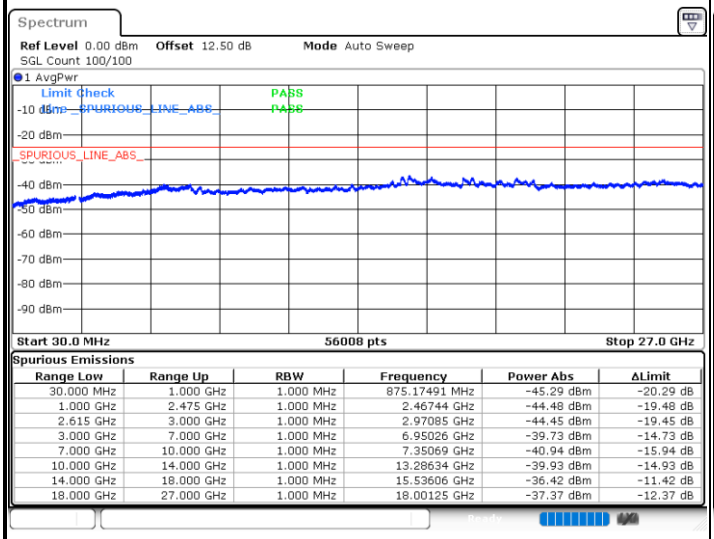
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-45.42 dBm	-20.42 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47334 GHz	-44.68 dBm	-19.68 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94642 GHz	-44.42 dBm	-19.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.93538 GHz	-40.11 dBm	-15.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33669 GHz	-40.82 dBm	-15.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30084 GHz	-39.93 dBm	-14.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.51306 GHz	-36.51 dBm	-11.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70066 GHz	-37.35 dBm	-12.35 dB

Date: 24.MAY.2022 17:21:33

LTE Band 7C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

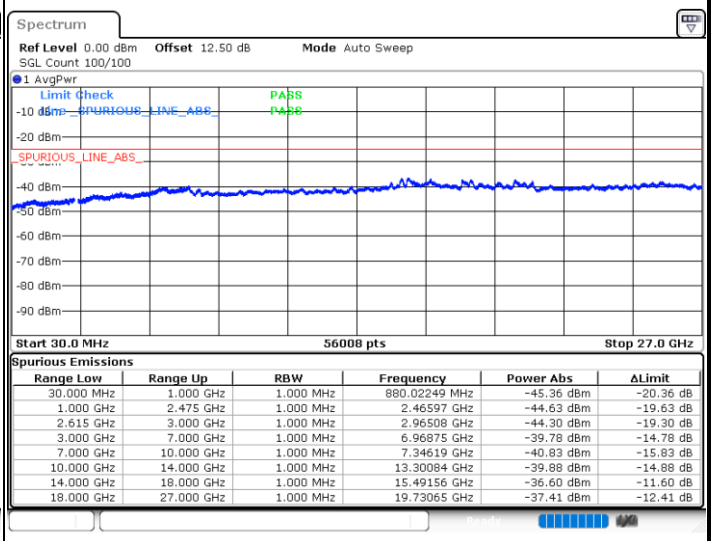


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-45.29 dBm	-20.29 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46744 GHz	-44.48 dBm	-19.48 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97085 GHz	-44.45 dBm	-19.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95026 GHz	-39.73 dBm	-14.73 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35069 GHz	-40.94 dBm	-15.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28634 GHz	-39.93 dBm	-14.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53606 GHz	-36.42 dBm	-11.42 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00125 GHz	-37.37 dBm	-12.37 dB

Date: 24.MAY.2022 16:51:31

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

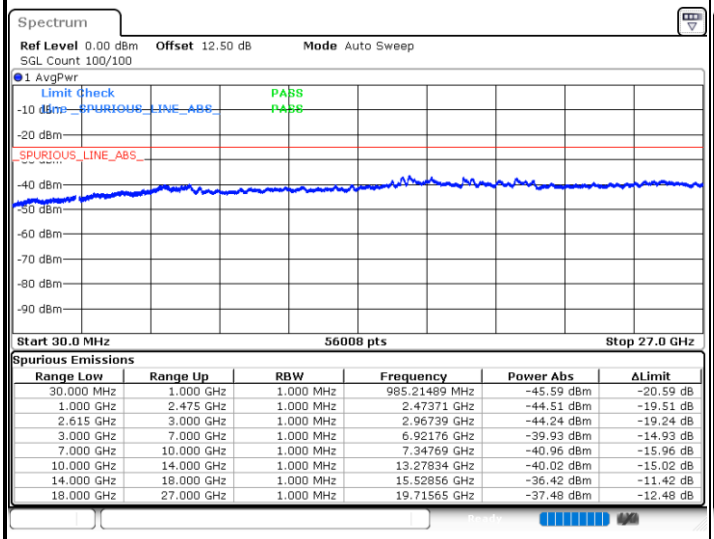
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-45.36 dBm	-20.36 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46597 GHz	-44.63 dBm	-19.63 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96508 GHz	-44.30 dBm	-19.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96875 GHz	-39.78 dBm	-14.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34619 GHz	-40.83 dBm	-15.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30084 GHz	-39.88 dBm	-14.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.49156 GHz	-36.60 dBm	-11.60 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.73065 GHz	-37.41 dBm	-12.41 dB

Date: 24.MAY.2022 16:50:03

LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

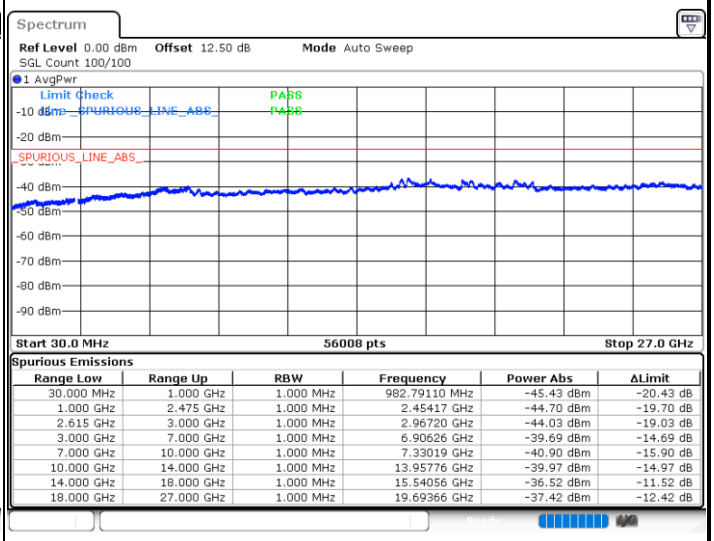


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-45.59 dBm	-20.59 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-44.51 dBm	-19.51 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96739 GHz	-44.24 dBm	-19.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92176 GHz	-39.93 dBm	-14.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34769 GHz	-40.96 dBm	-15.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.27834 GHz	-40.02 dBm	-15.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52856 GHz	-36.42 dBm	-11.42 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71565 GHz	-37.48 dBm	-12.48 dB

Date: 24.MAY.2022 17:56:28

Lowest Channel / 1RB99 and 1RB0

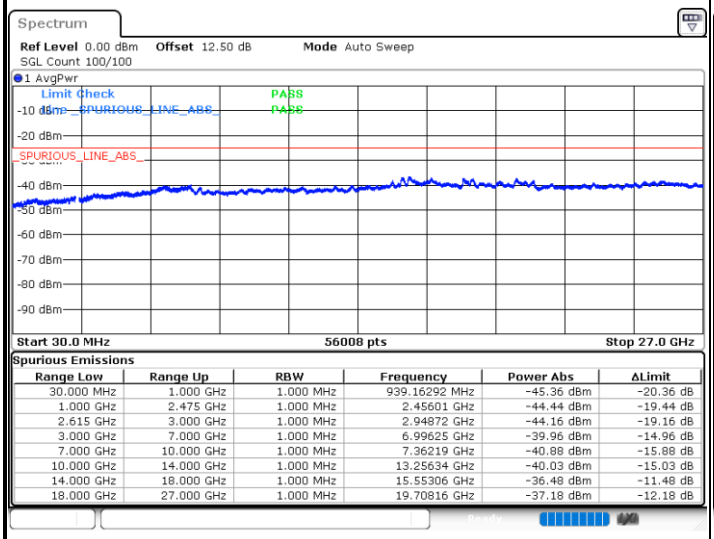


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45417 GHz	-44.70 dBm	-19.70 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96720 GHz	-44.03 dBm	-19.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90626 GHz	-39.69 dBm	-14.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33019 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95776 GHz	-39.97 dBm	-14.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54056 GHz	-36.52 dBm	-11.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.69366 GHz	-37.42 dBm	-12.42 dB

Date: 24.MAY.2022 17:55:04

MiddleChannel / 1RB0 and 1RB99

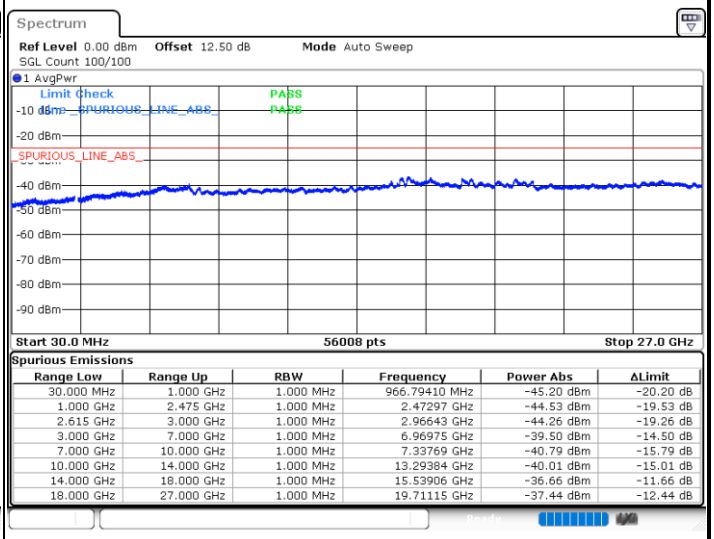


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.16292 MHz	-45.36 dBm	-20.36 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45601 GHz	-44.44 dBm	-19.44 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94872 GHz	-44.16 dBm	-19.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-39.96 dBm	-14.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.36219 GHz	-40.88 dBm	-15.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.25634 GHz	-40.03 dBm	-15.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55306 GHz	-36.48 dBm	-11.48 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70816 GHz	-37.18 dBm	-12.18 dB

Date: 24.MAY.2022 18:07:31

Middle Channel / 1RB99 and 1RB0



Spurious Emissions

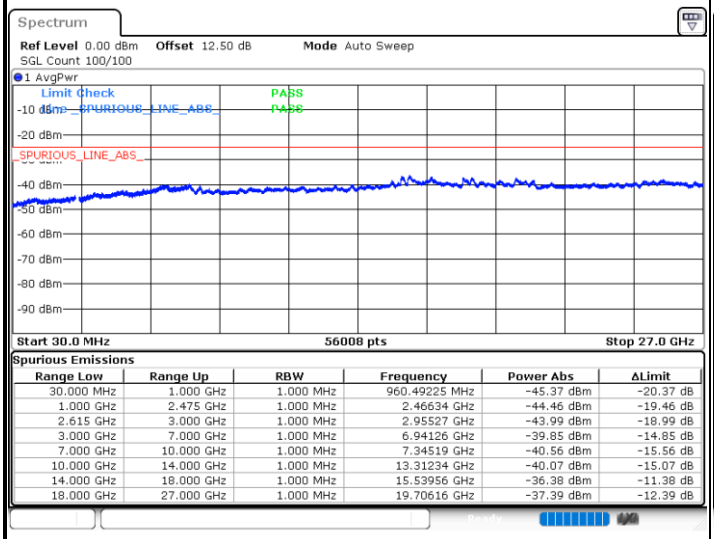
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-45.20 dBm	-20.20 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47297 GHz	-44.53 dBm	-19.53 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96643 GHz	-44.26 dBm	-19.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96975 GHz	-39.50 dBm	-14.50 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.33769 GHz	-40.79 dBm	-15.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.29384 GHz	-40.01 dBm	-15.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53906 GHz	-36.66 dBm	-11.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71115 GHz	-37.44 dBm	-12.44 dB

Date: 24.MAY.2022 18:08:54

LTE Band 7C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

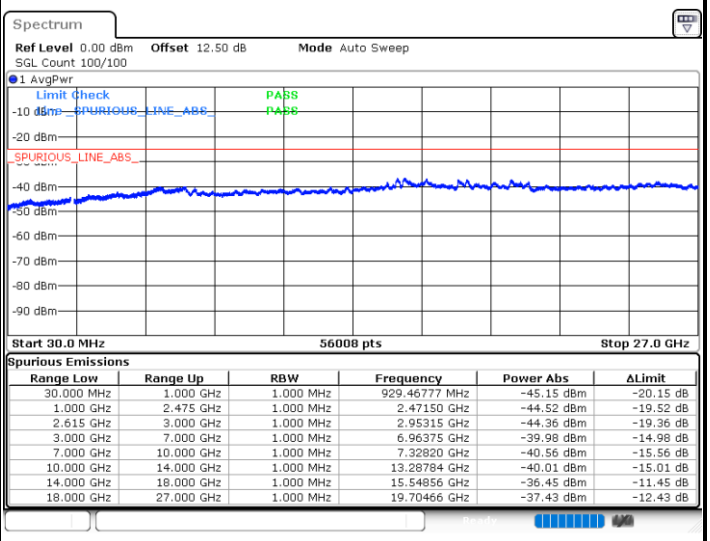


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.49225 MHz	-45.37 dBm	-20.37 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46634 GHz	-44.46 dBm	-19.46 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95527 GHz	-43.99 dBm	-18.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94126 GHz	-39.85 dBm	-14.85 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.34519 GHz	-40.56 dBm	-15.56 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.31234 GHz	-40.07 dBm	-15.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53956 GHz	-36.38 dBm	-11.38 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70616 GHz	-37.39 dBm	-12.39 dB

Date: 24.MAY.2022 17:38:55

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-45.15 dBm	-20.15 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47150 GHz	-44.52 dBm	-19.52 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95315 GHz	-44.36 dBm	-19.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96375 GHz	-39.98 dBm	-14.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.32820 GHz	-40.56 dBm	-15.56 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.28784 GHz	-40.01 dBm	-15.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54856 GHz	-36.45 dBm	-11.45 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70466 GHz	-37.43 dBm	-12.43 dB

Date: 24.MAY.2022 17:37:33

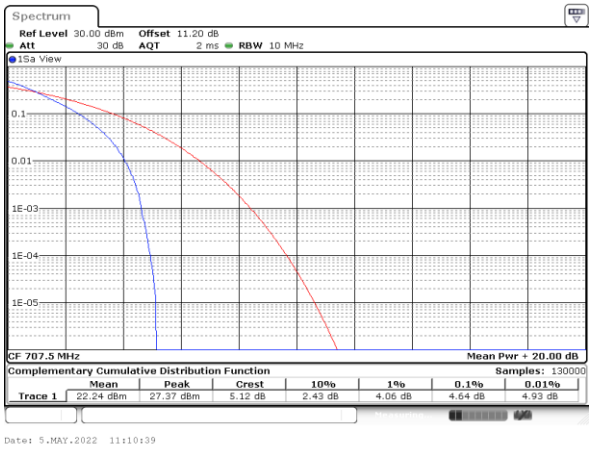
LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.64	5.65	5.74	-	PASS

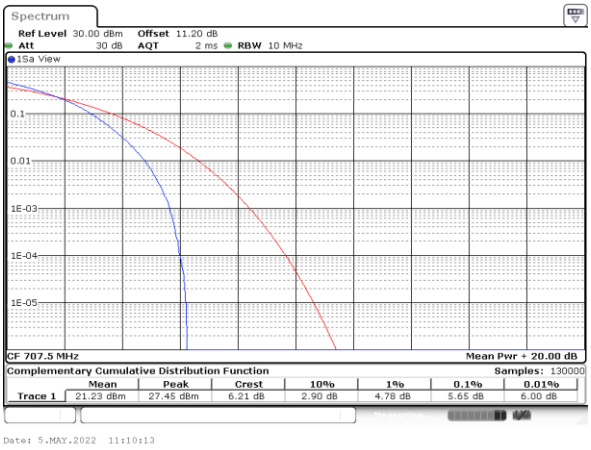
LTE Band 12 / 10MHz / QPSK

Middle Channel / Full RB



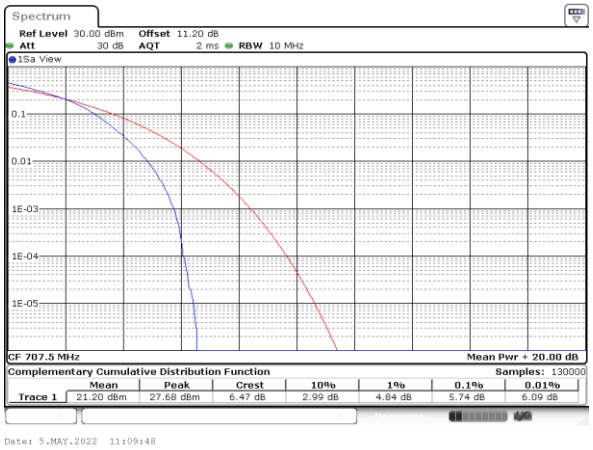
LTE Band 12 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 12 / 10MHz / 64QAM

Middle Channel / Full RB

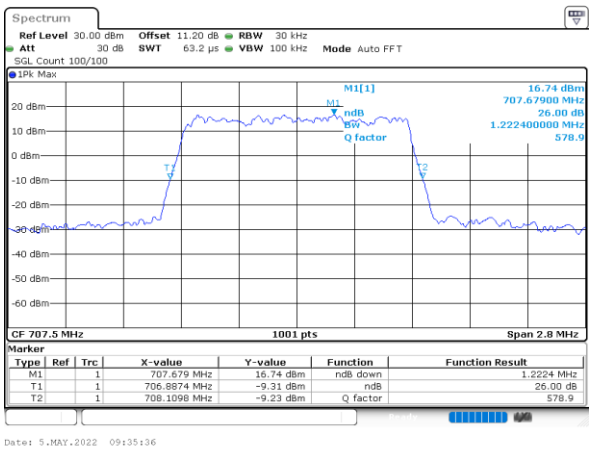


26dB Bandwidth

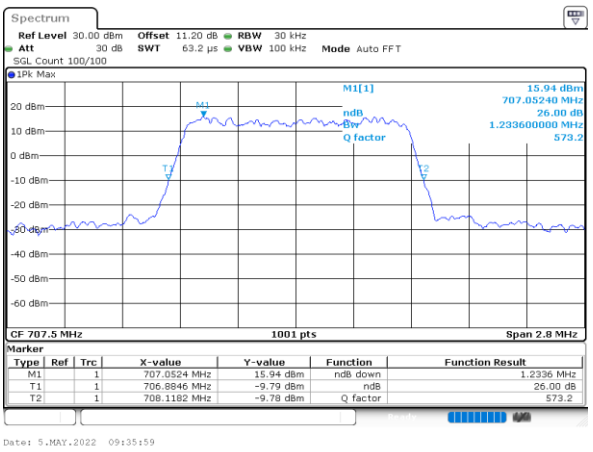
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.22	1.23	3.01	3.06	4.96	4.95	9.69	9.65	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.24	-	3.02	-	4.85	-	9.79	-	-	-	-	-

LTE Band 12

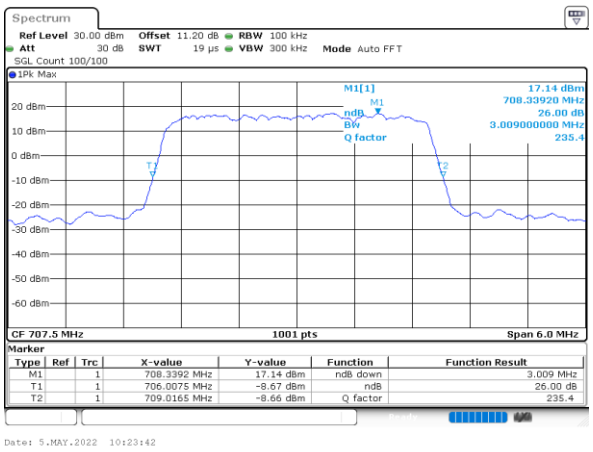
Middle Channel / 1.4MHz / QPSK



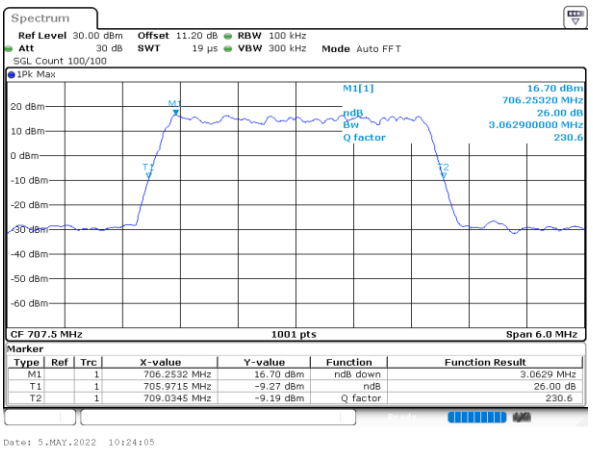
Middle Channel / 1.4MHz / 16QAM



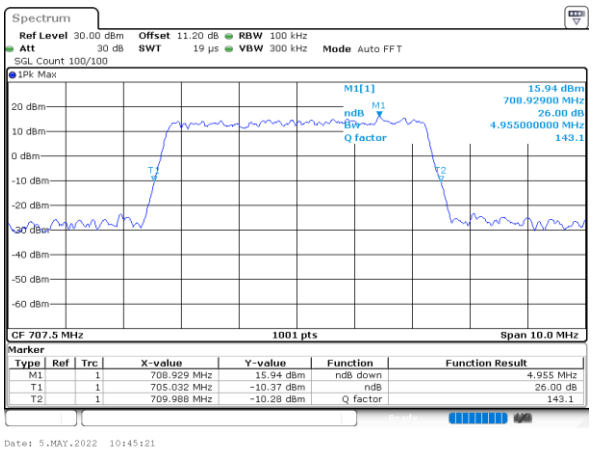
Middle Channel / 3MHz / QPSK



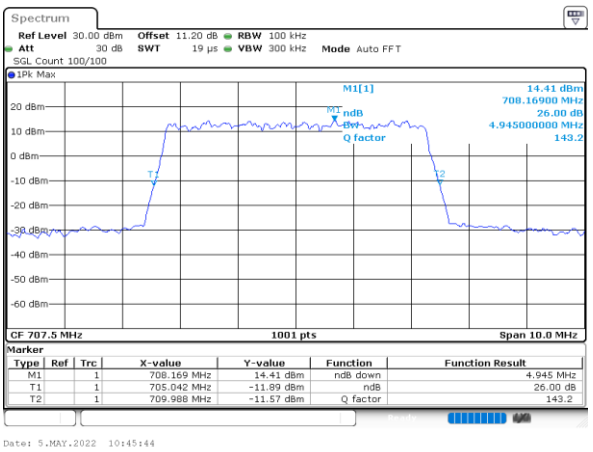
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

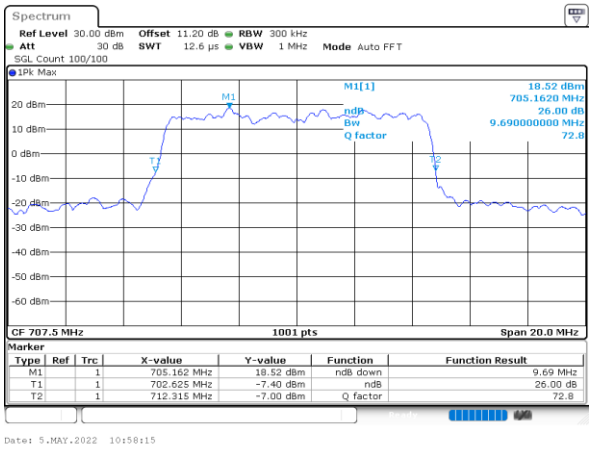


Middle Channel / 5MHz / 16QAM

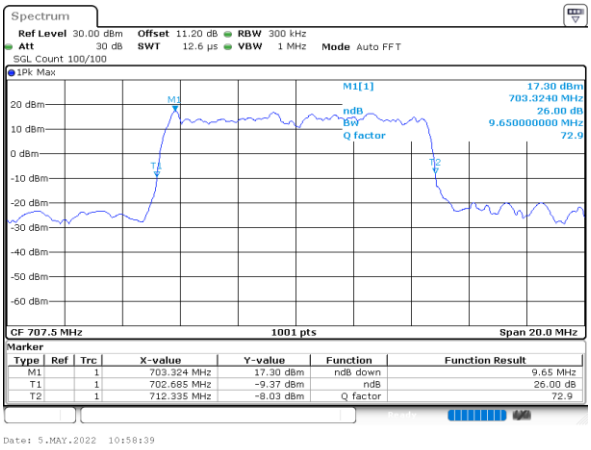


LTE Band 12

Middle Channel / 10MHz / QPSK

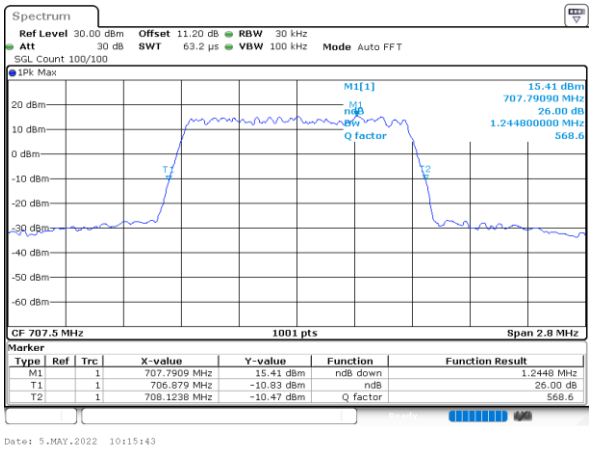


Middle Channel / 10MHz / 16QAM

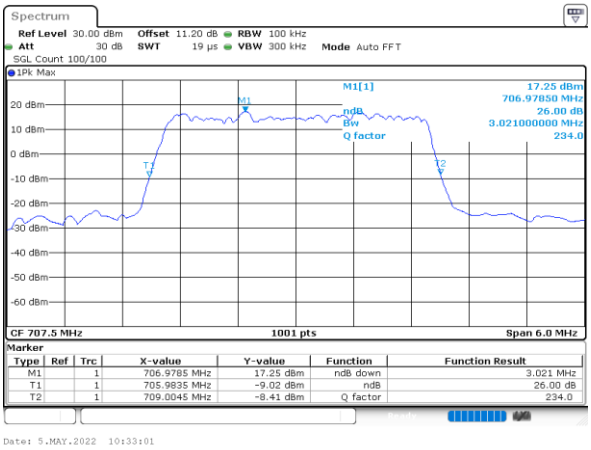


LTE Band 12

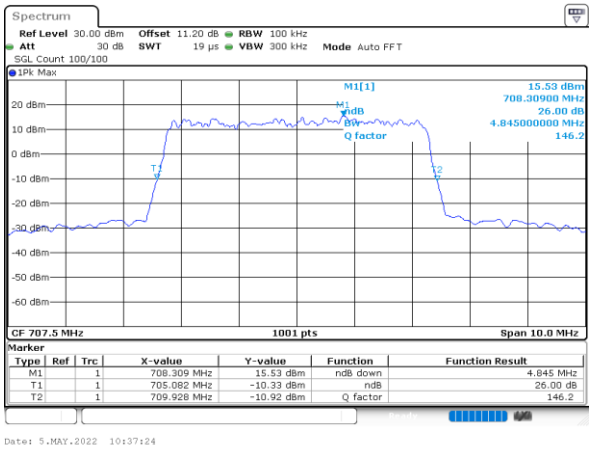
Middle Channel / 1.4MHz / 64QAM



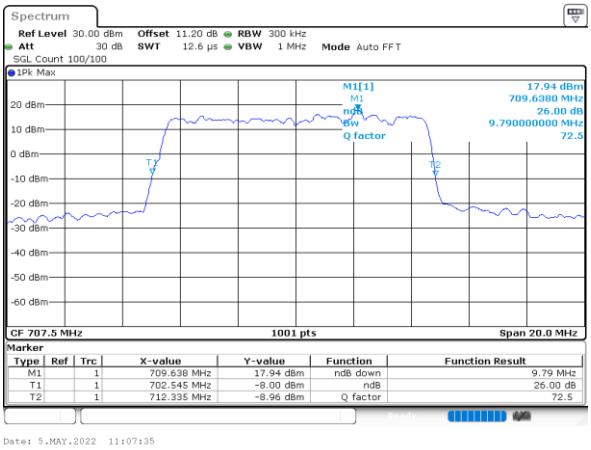
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

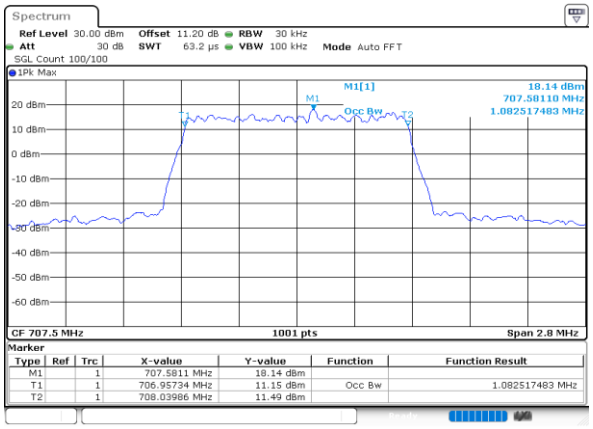


Occupied Bandwidth

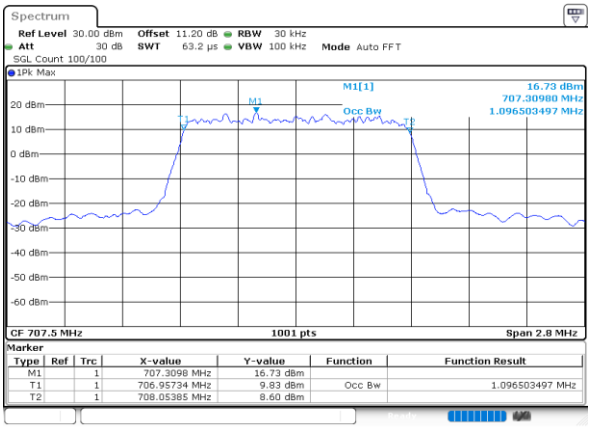
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.10	2.70	2.73	4.50	4.49	9.03	9.07	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	-	2.72	-	4.49	-	9.07	-	-	-	-	-

LTE Band 12

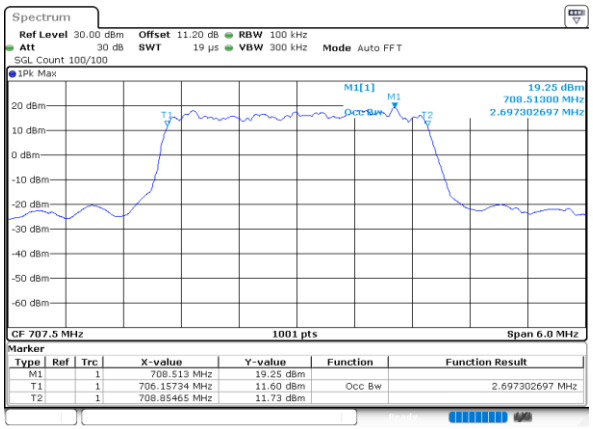
Middle Channel / 1.4MHz / QPSK



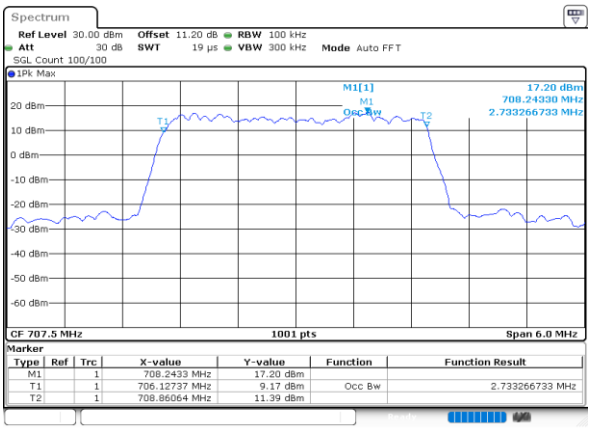
Middle Channel / 1.4MHz / 16QAM



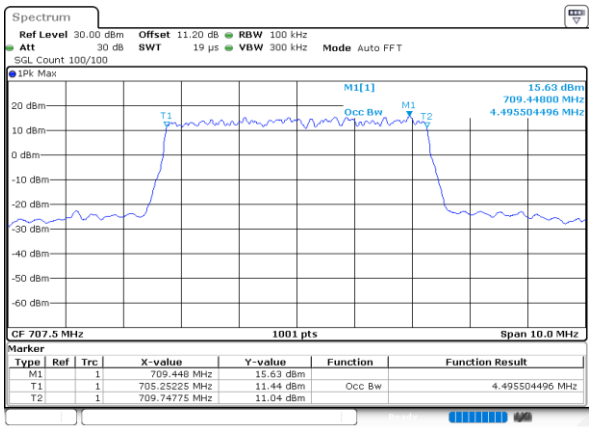
Middle Channel / 3MHz / QPSK



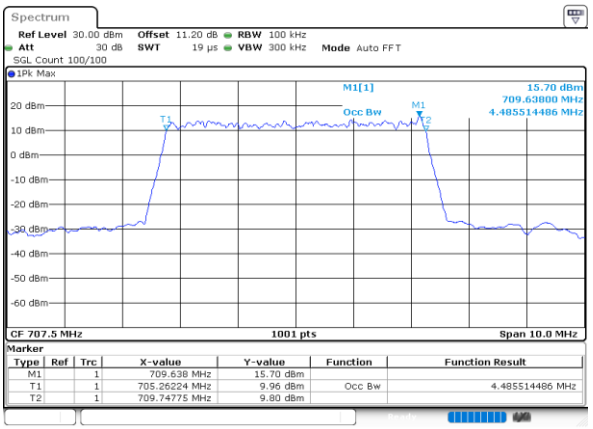
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

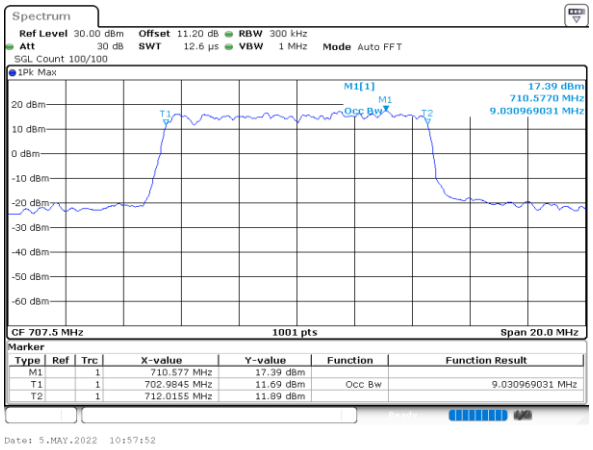


Middle Channel / 5MHz / 16QAM

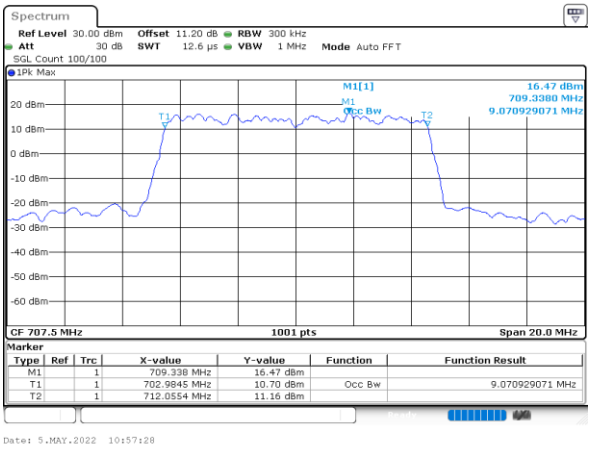


LTE Band 12

Middle Channel / 10MHz / QPSK

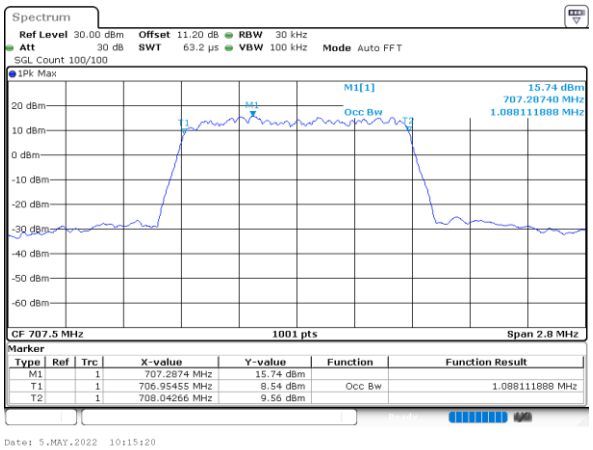


Middle Channel / 10MHz / 16QAM

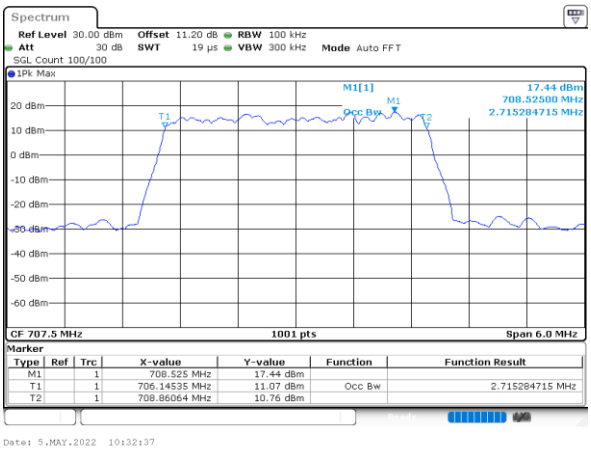


LTE Band 12

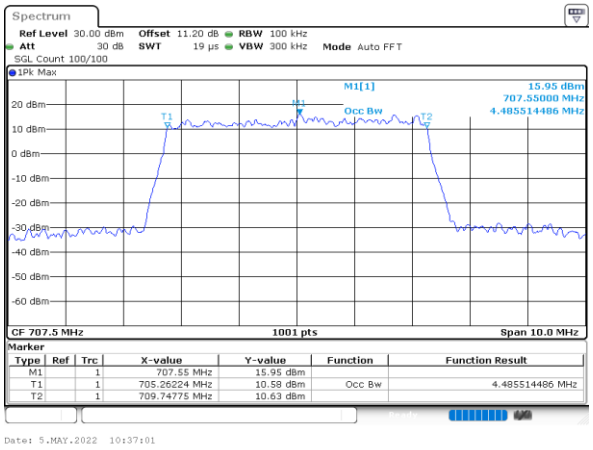
Middle Channel / 1.4MHz / 64QAM



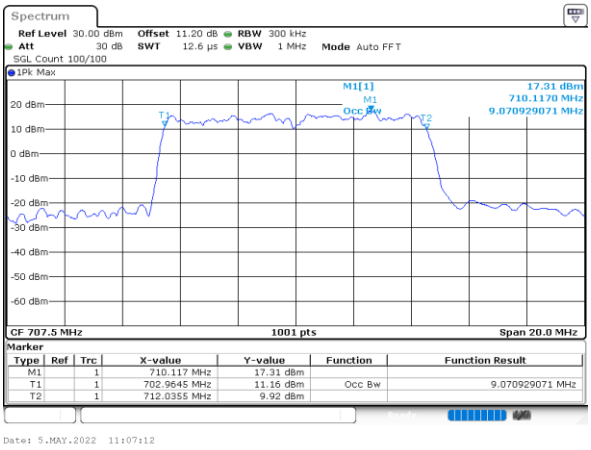
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



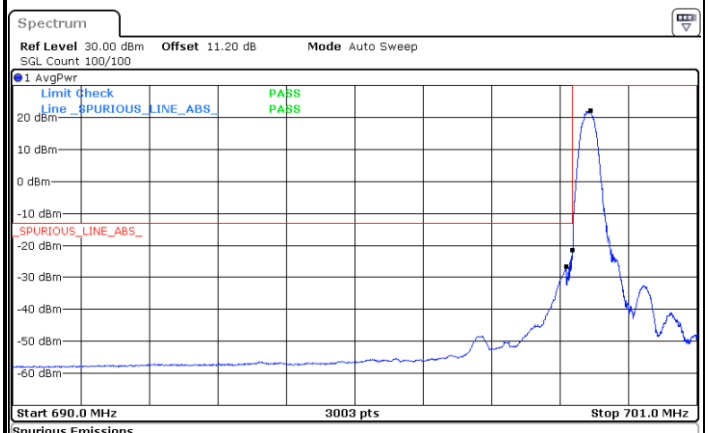
Middle Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

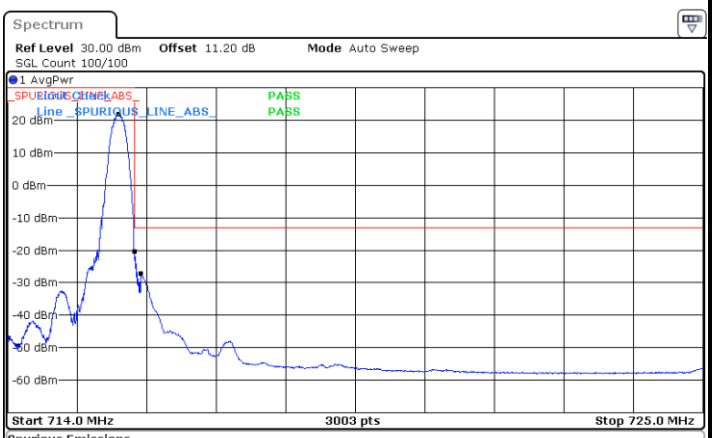


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.53 dBm	-13.53 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-21.37 dBm	-8.37 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.28671 MHz	22.02 dBm	-7.98 dB

Date: 5.MAY.2022 09:33:01

Highest Band Edge / 1RB

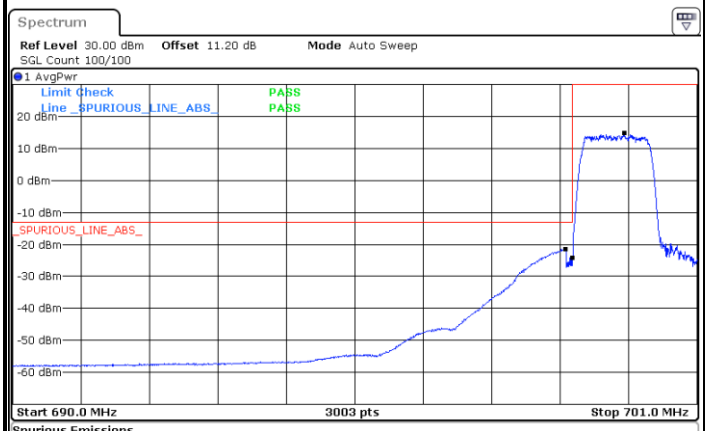


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75125 MHz	21.75 dBm	-8.25 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00514 MHz	-20.49 dBm	-7.49 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.17 dBm	-14.17 dB

Date: 5.MAY.2022 09:40:57

Lowest Band Edge / Full RB

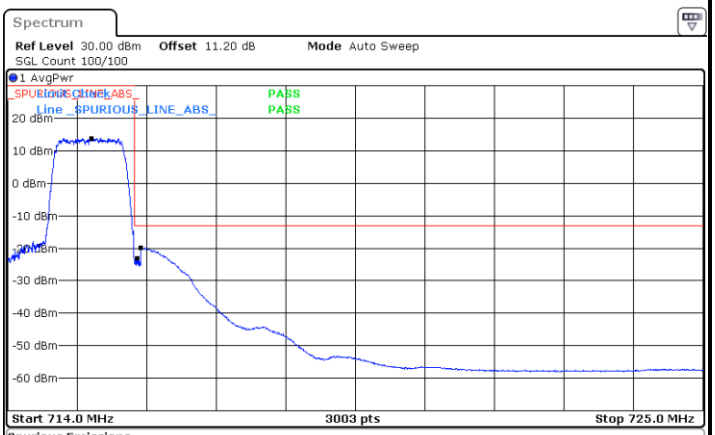


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-21.48 dBm	-8.48 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99106 MHz	-24.09 dBm	-11.09 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.82418 MHz	14.77 dBm	-15.23 dB

Date: 5.MAY.2022 09:30:20

Highest Band Edge / Full RB



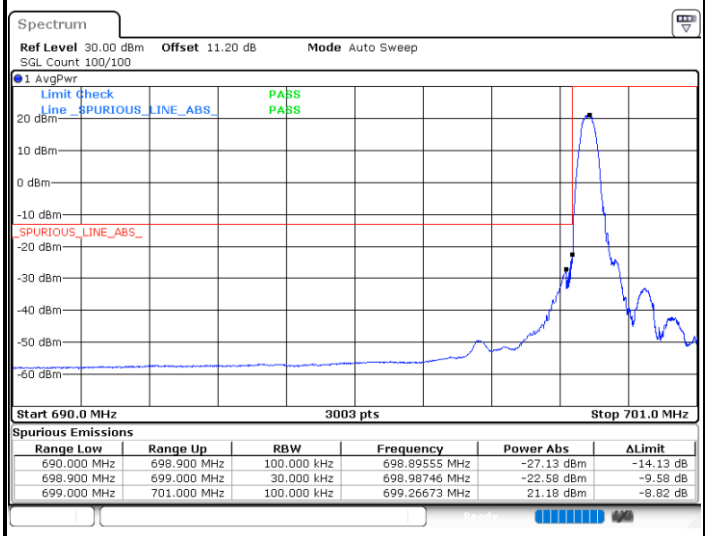
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.32967 MHz	13.79 dBm	-16.21 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.05240 MHz	-23.13 dBm	-10.13 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-19.76 dBm	-6.76 dB

Date: 5.MAY.2022 09:38:15

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

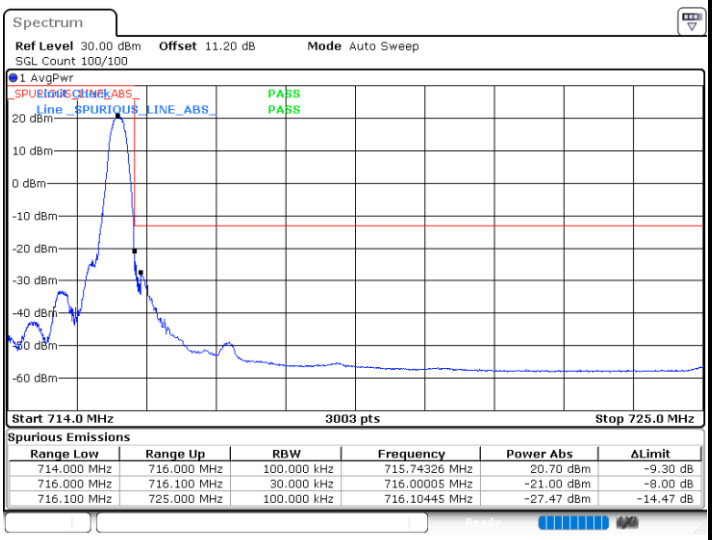


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.13 dBm	-14.13 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98746 MHz	-22.58 dBm	-9.58 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26673 MHz	21.18 dBm	-8.82 dB

Date: 5.MAY.2022 09:32:07

Highest Band Edge / 1 RB

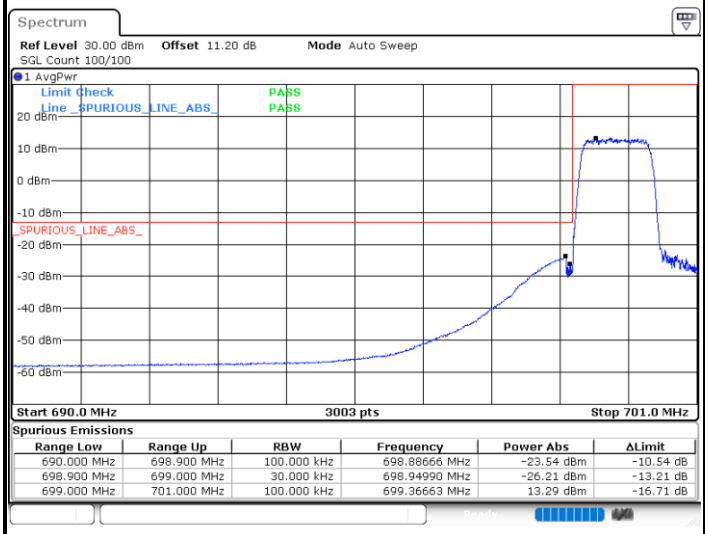


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74326 MHz	20.70 dBm	-9.30 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-21.00 dBm	-8.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.47 dBm	-14.47 dB

Date: 5.MAY.2022 09:40:03

Lowest Band Edge / Full RB

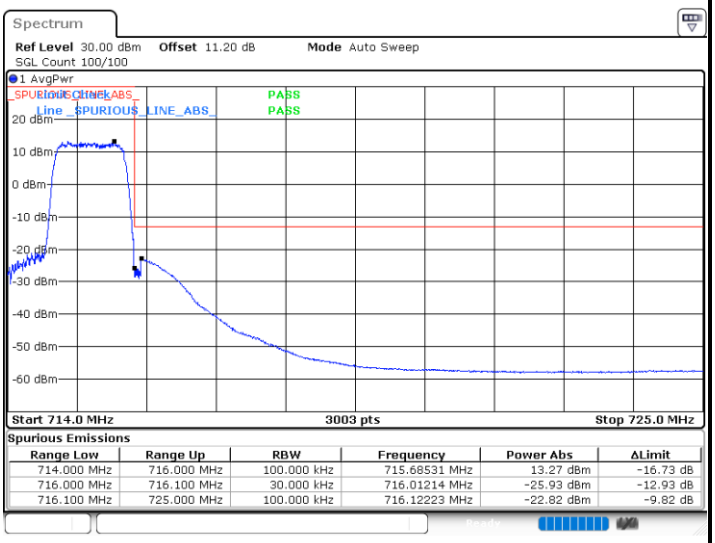


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-23.54 dBm	-10.54 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.94990 MHz	-26.21 dBm	-13.21 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.36663 MHz	13.29 dBm	-16.71 dB

Date: 5.MAY.2022 09:31:13

Highest Band Edge / Full RB



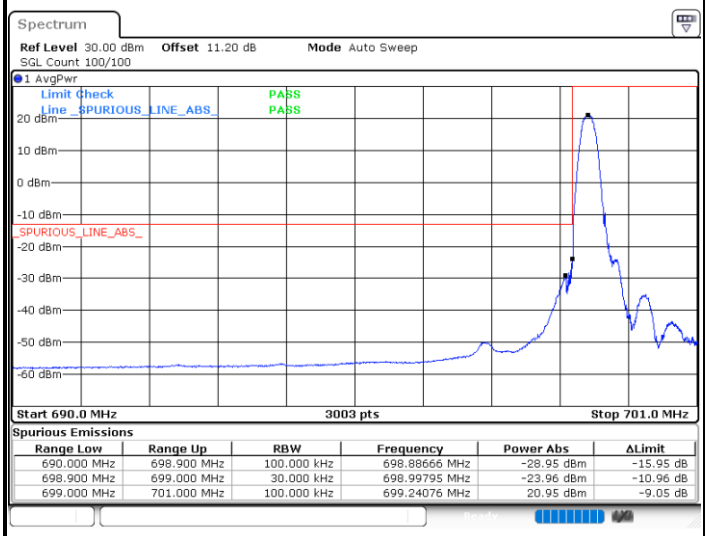
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.68531 MHz	13.27 dBm	-16.73 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01214 MHz	-25.93 dBm	-12.93 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-22.82 dBm	-9.82 dB

Date: 5.MAY.2022 09:39:09

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

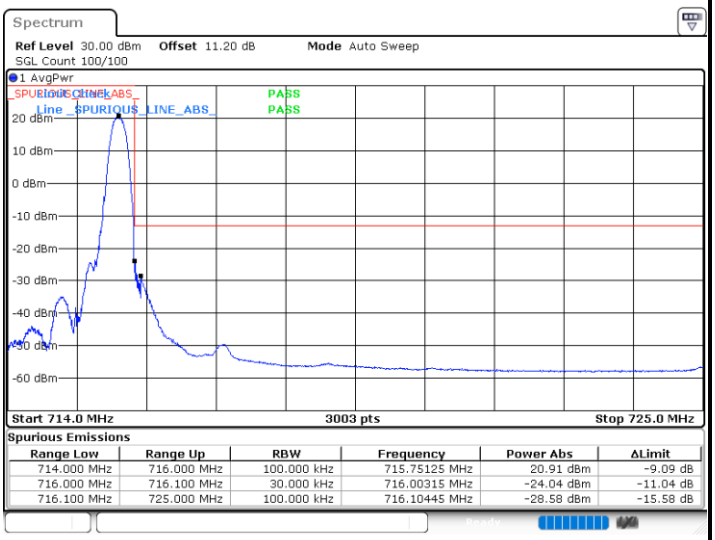


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-28.95 dBm	-15.95 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99795 MHz	-23.96 dBm	-10.96 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.24076 MHz	20.95 dBm	-9.05 dB

Date: 5.MAY.2022 10:14:56

Highest Band Edge / 1 RB

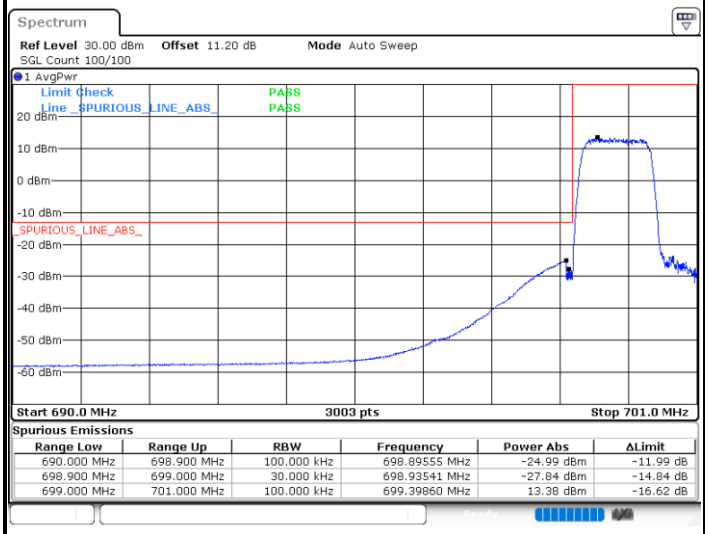


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75125 MHz	20.91 dBm	-9.09 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00315 MHz	-24.04 dBm	-11.04 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.58 dBm	-15.58 dB

Date: 5.MAY.2022 10:17:30

Lowest Band Edge / Full RB

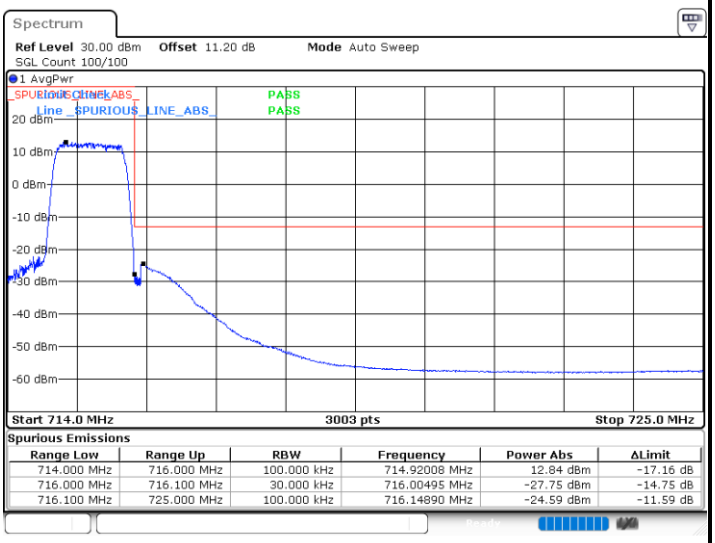


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-24.99 dBm	-11.99 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.93541 MHz	-27.84 dBm	-14.84 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.39860 MHz	13.38 dBm	-16.62 dB

Date: 5.MAY.2022 09:43:14

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.92008 MHz	12.84 dBm	-17.16 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00495 MHz	-27.75 dBm	-14.75 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.14890 MHz	-24.59 dBm	-11.59 dB

Date: 5.MAY.2022 10:16:36