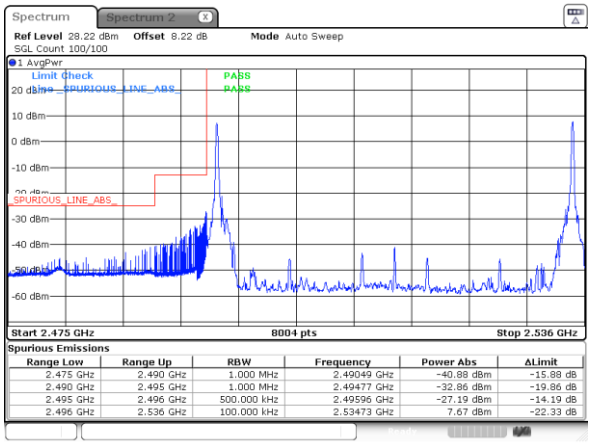
LTE Band 41C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

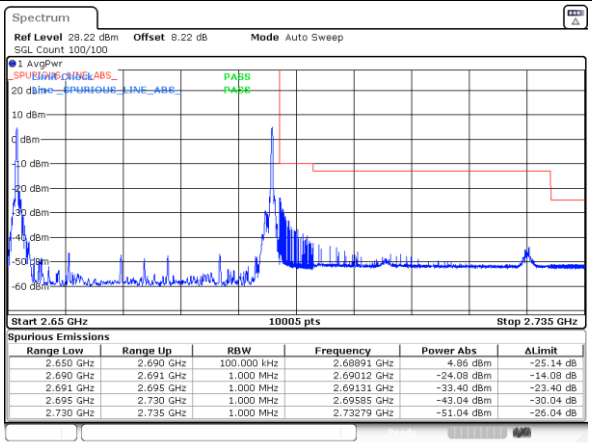


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-40.88 dBm	-15.88 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49477 GHz	-32.86 dBm	-19.86 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49596 GHz	-27.19 dBm	-14.19 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.53473 GHz	7.67 dBm	-22.33 dB

Date: 14.JUN.2023 07:31:47

Highest Band Edge / 1RB0 and 1RB99

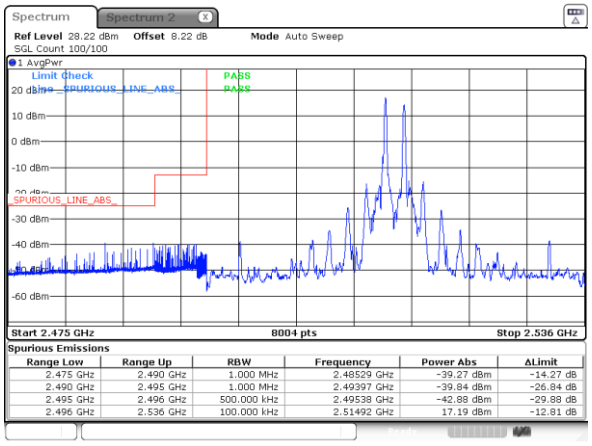


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.68891 GHz	4.86 dBm	-25.14 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69012 GHz	-24.08 dBm	-14.08 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69131 GHz	-33.40 dBm	-23.40 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69585 GHz	-43.04 dBm	-30.04 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73279 GHz	-51.04 dBm	-26.04 dB

Date: 15.JUN.2023 02:59:07

Lowest Band Edge / 1RB99 and 1RB0

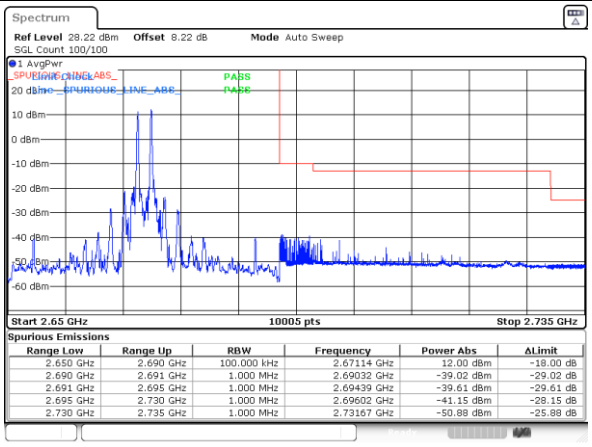


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48529 GHz	-39.27 dBm	-14.27 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49397 GHz	-39.84 dBm	-26.84 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49538 GHz	-42.88 dBm	-29.88 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.51492 GHz	17.19 dBm	-12.81 dB

Date: 14.JUN.2023 07:29:11

Highest Band Edge / 1RB99 and 1RB0

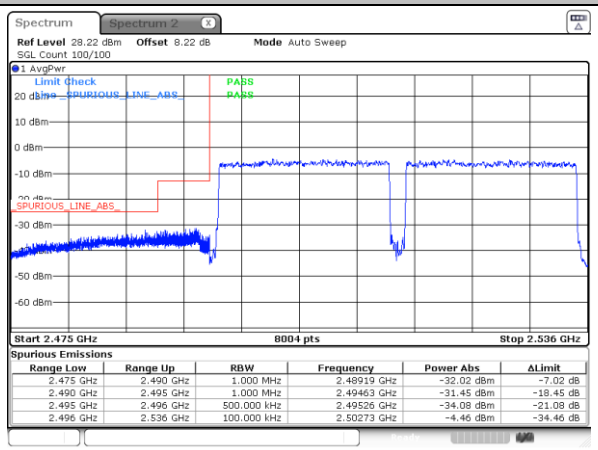


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.67114 GHz	12.00 dBm	-18.00 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69032 GHz	-39.02 dBm	-29.02 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69439 GHz	-39.61 dBm	-29.61 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69602 GHz	-41.15 dBm	-28.15 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73167 GHz	-50.88 dBm	-25.88 dB

Date: 15.JUN.2023 02:55:51

Lowest Band Edge / Full RB

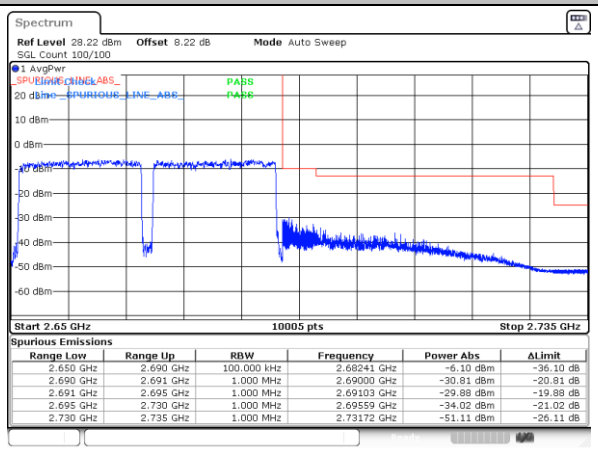


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48919 GHz	-32.02 dBm	-7.02 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49463 GHz	-31.45 dBm	-18.45 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49526 GHz	-34.08 dBm	-21.08 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.50273 GHz	-4.46 dBm	-34.46 dB

Date: 14.JUN.2023 07:34:23

Highest Band Edge / Full RB



Spurious Emissions

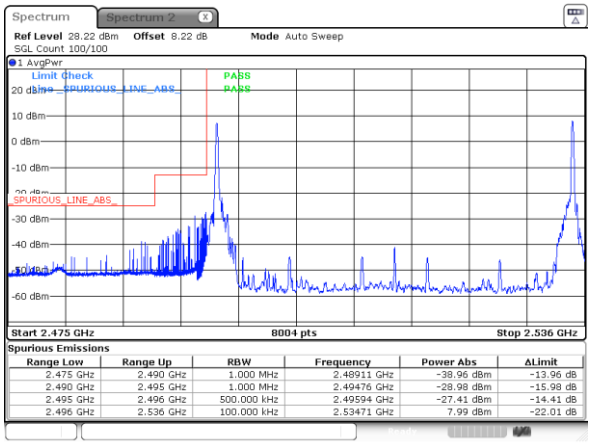
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.68241 GHz	-6.10 dBm	-36.10 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-30.81 dBm	-20.81 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69103 GHz	-29.88 dBm	-19.88 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69559 GHz	-34.02 dBm	-21.02 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73172 GHz	-51.11 dBm	-26.11 dB

Date: 15.JUN.2023 03:02:24

LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

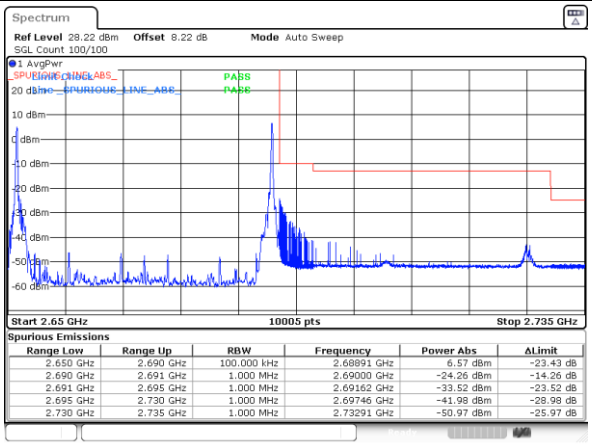


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48911 GHz	-38.96 dBm	-13.96 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49476 GHz	-28.98 dBm	-15.98 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49594 GHz	-27.41 dBm	-14.41 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.53471 GHz	7.99 dBm	-22.01 dB

Date: 14.JUN.2023 07:32:26

Highest Band Edge / 1RB0 and 1RB99

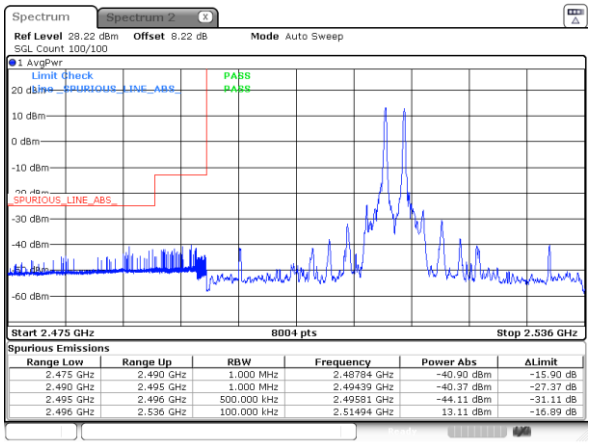


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.68891 GHz	6.57 dBm	-23.43 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-24.26 dBm	-14.26 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69162 GHz	-33.52 dBm	-23.52 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69746 GHz	-41.98 dBm	-28.98 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73291 GHz	-50.97 dBm	-25.97 dB

Date: 15.JUN.2023 02:59:57

Lowest Band Edge / 1RB99 and 1RB0

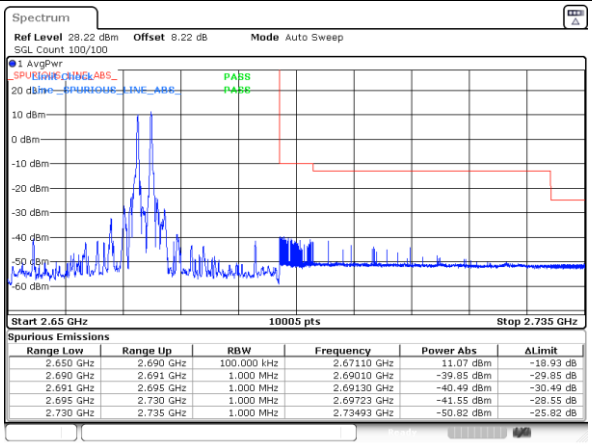


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48784 GHz	-40.90 dBm	-15.90 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49439 GHz	-40.37 dBm	-27.37 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49581 GHz	-44.11 dBm	-31.11 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.51494 GHz	13.11 dBm	-16.89 dB

Date: 14.JUN.2023 07:29:50

Highest Band Edge / 1RB99 and 1RB0

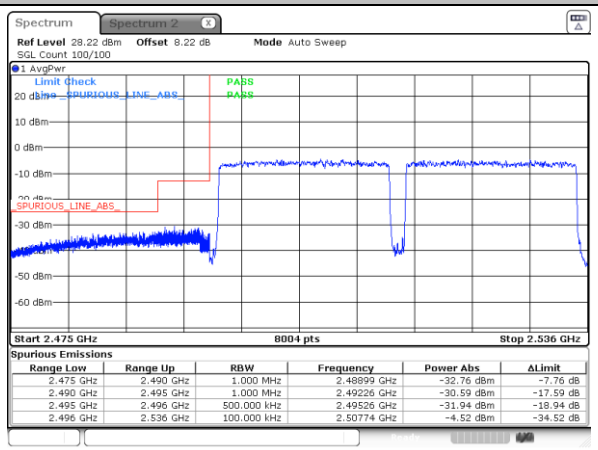


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.67110 GHz	11.07 dBm	-18.93 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69010 GHz	-39.85 dBm	-29.85 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69130 GHz	-40.49 dBm	-30.49 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69723 GHz	-41.55 dBm	-28.55 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73493 GHz	-50.82 dBm	-25.82 dB

Date: 15.JUN.2023 02:56:40

Lowest Band Edge / Full RB

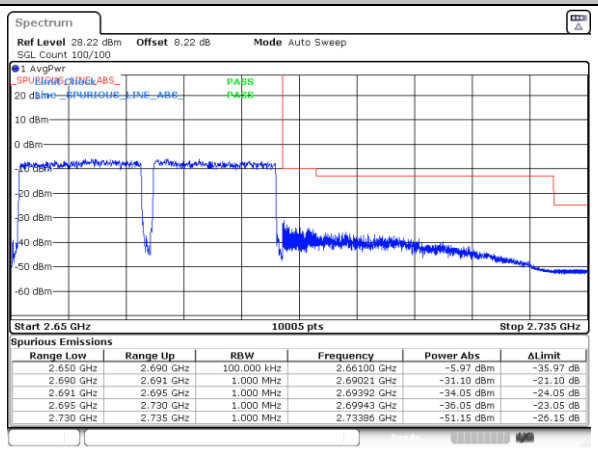


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48899 GHz	-32.76 dBm	-7.76 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49226 GHz	-30.59 dBm	-17.59 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49526 GHz	-31.94 dBm	-18.94 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.50774 GHz	-4.52 dBm	-34.52 dB

Date: 14.JUN.2023 07:35:02

Highest Band Edge / Full RB



Spurious Emissions

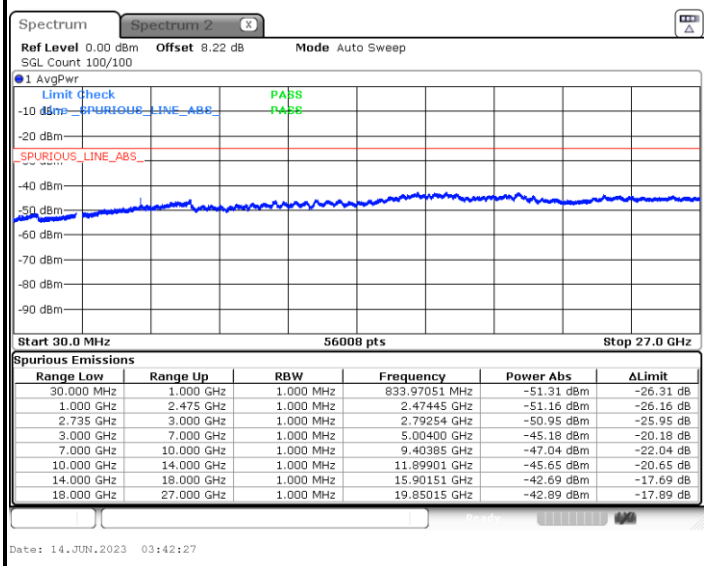
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.66100 GHz	-5.97 dBm	-35.97 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69021 GHz	-31.10 dBm	-21.10 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69392 GHz	-34.05 dBm	-24.05 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69943 GHz	-36.05 dBm	-23.05 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73386 GHz	-51.15 dBm	-26.15 dB

Date: 15.JUN.2023 03:03:13

Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

Lowest Channel / QPSK

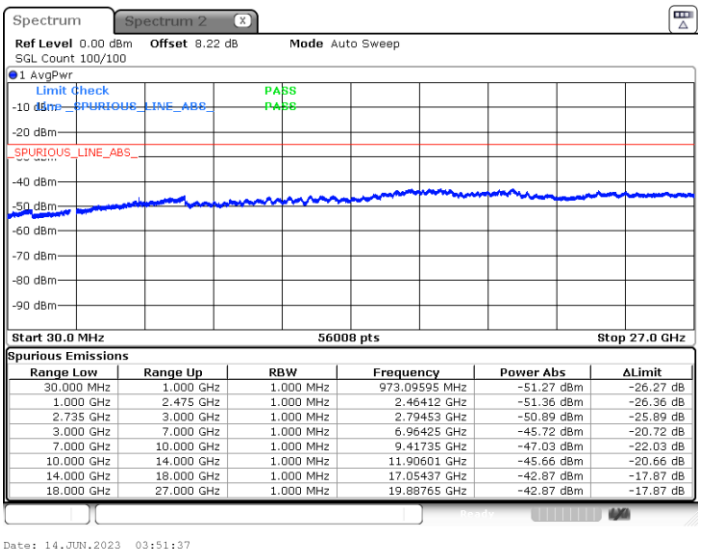


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.97051 MHz	-51.31 dBm	-26.31 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47445 GHz	-51.16 dBm	-26.16 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.79254 GHz	-50.95 dBm	-25.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.00400 GHz	-45.18 dBm	-20.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.40385 GHz	-47.04 dBm	-22.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.89901 GHz	-45.65 dBm	-20.65 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.90151 GHz	-42.69 dBm	-17.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85015 GHz	-42.89 dBm	-17.89 dB

Date: 14.JUN.2023 03:42:27

Middle Channel / QPSK

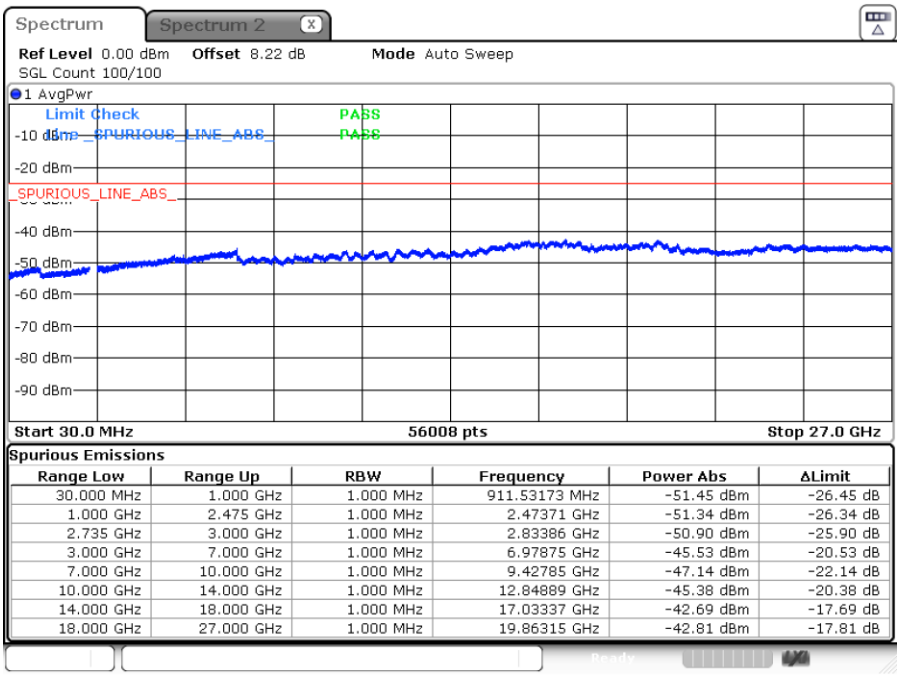


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-51.27 dBm	-26.27 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46412 GHz	-51.36 dBm	-26.36 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.79453 GHz	-50.89 dBm	-25.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-45.72 dBm	-20.72 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41735 GHz	-47.03 dBm	-22.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.90601 GHz	-45.66 dBm	-20.66 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.05437 GHz	-42.87 dBm	-17.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.88765 GHz	-42.87 dBm	-17.87 dB

Date: 14.JUN.2023 03:51:37

Highest Channel / QPSK



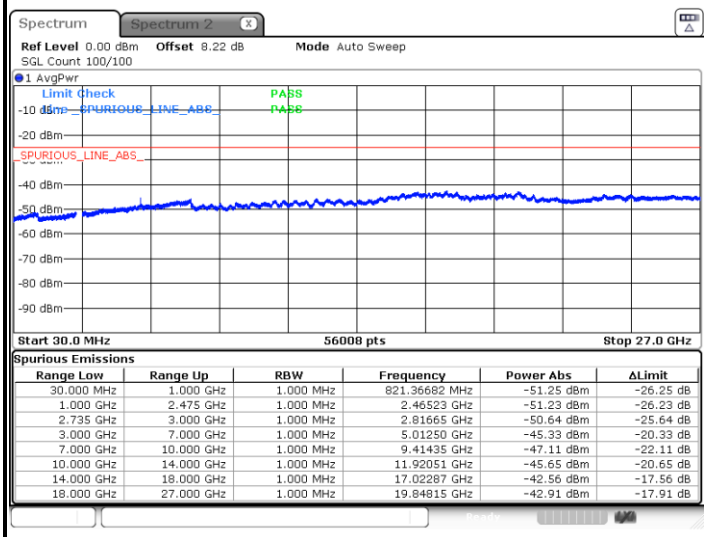
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-51.45 dBm	-26.45 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-51.34 dBm	-26.34 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.83386 GHz	-50.90 dBm	-25.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97875 GHz	-45.53 dBm	-20.53 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.42785 GHz	-47.14 dBm	-22.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.84889 GHz	-45.38 dBm	-20.38 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03337 GHz	-42.69 dBm	-17.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86315 GHz	-42.81 dBm	-17.81 dB

Date: 14.JUN.2023 03:53:07

LTE Band 41C / 10MHz+15MHz

Lowest Channel / QPSK

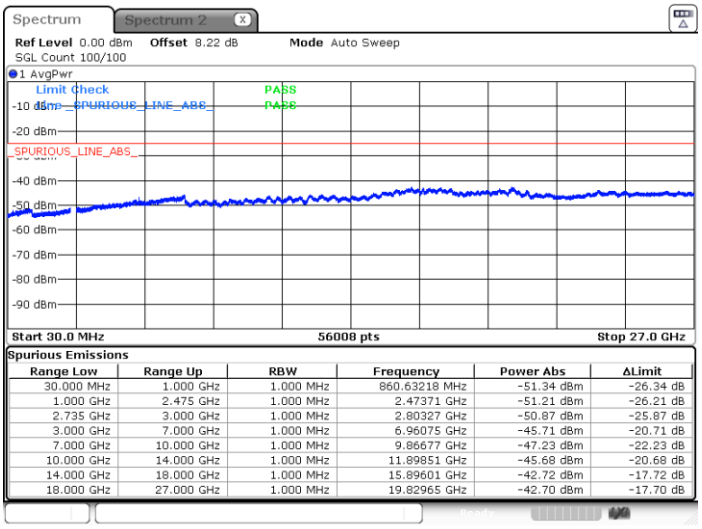


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	821.36682 MHz	-51.25 dBm	-26.25 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46523 GHz	-51.23 dBm	-26.23 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.81665 GHz	-50.64 dBm	-25.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.01250 GHz	-45.33 dBm	-20.33 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41435 GHz	-47.11 dBm	-22.11 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.92051 GHz	-45.65 dBm	-20.65 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02287 GHz	-42.56 dBm	-17.56 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.84815 GHz	-42.91 dBm	-17.91 dB

Date: 14.JUN.2023 04:06:56

Middle Channel / QPSK

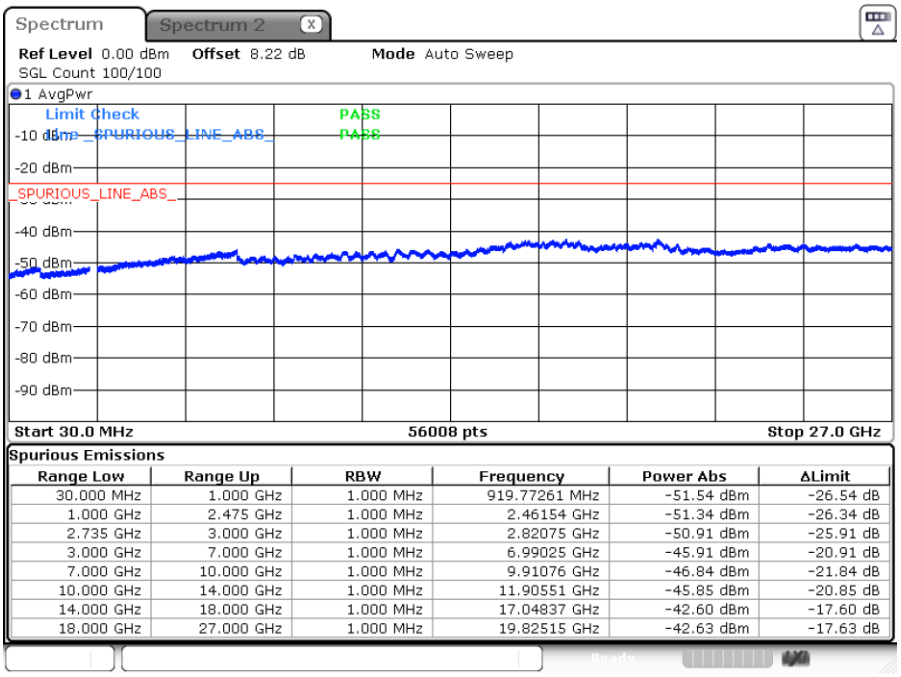


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	860.63218 MHz	-51.34 dBm	-26.34 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-51.21 dBm	-26.21 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.80327 GHz	-50.87 dBm	-25.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96075 GHz	-45.71 dBm	-20.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.86677 GHz	-47.23 dBm	-22.23 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.89851 GHz	-45.68 dBm	-20.68 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.89601 GHz	-42.72 dBm	-17.72 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82965 GHz	-42.70 dBm	-17.70 dB

Date: 14.JUN.2023 04:17:33

Highest Channel / QPSK



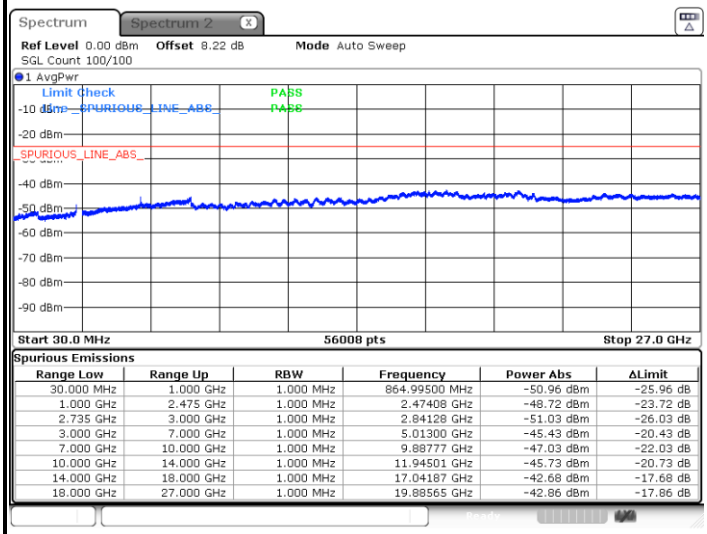
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-51.54 dBm	-26.54 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46154 GHz	-51.34 dBm	-26.34 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.82075 GHz	-50.91 dBm	-25.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-45.91 dBm	-20.91 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.91076 GHz	-46.84 dBm	-21.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.90551 GHz	-45.85 dBm	-20.85 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04837 GHz	-42.60 dBm	-17.60 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82515 GHz	-42.63 dBm	-17.63 dB

Date: 14.JUN.2023 04:20:01

LTE Band 41C / 10MHz+20MHz

Lowest Channel / QPSK

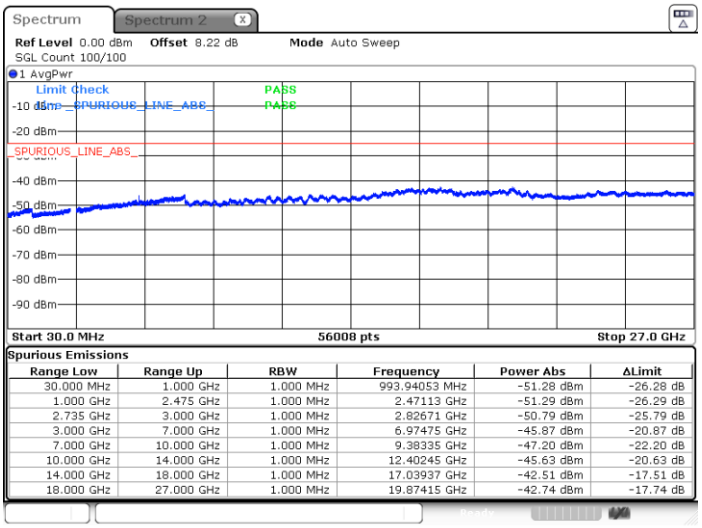


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.99500 MHz	-50.96 dBm	-25.96 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-48.72 dBm	-23.72 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.84128 GHz	-51.03 dBm	-26.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.01300 GHz	-45.43 dBm	-20.43 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.88777 GHz	-47.03 dBm	-22.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94501 GHz	-45.73 dBm	-20.73 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04187 GHz	-42.68 dBm	-17.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.88565 GHz	-42.86 dBm	-17.86 dB

Date: 14.JUN.2023 04:29:12

Middle Channel / QPSK

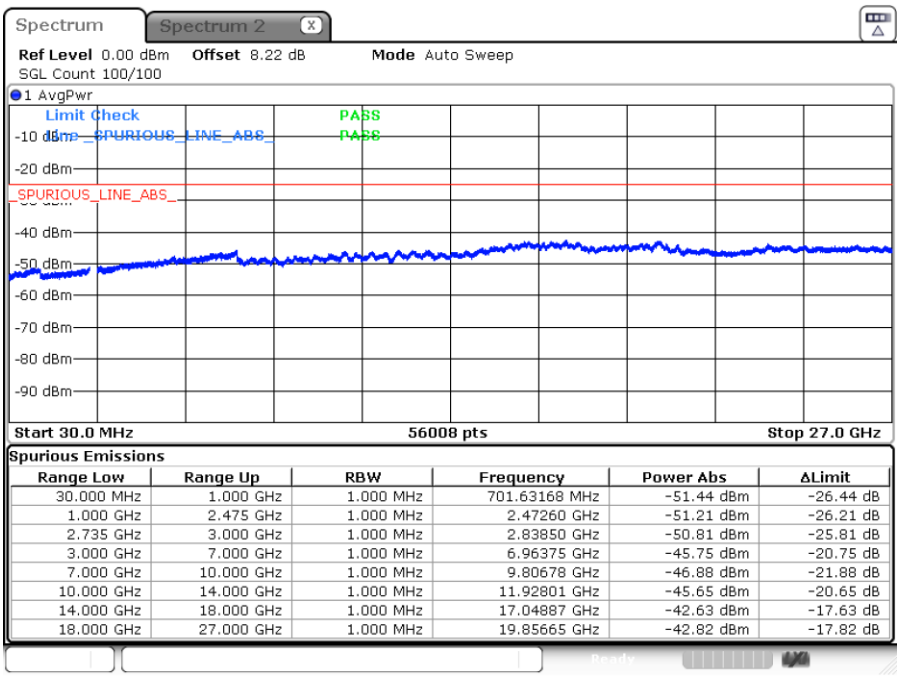


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-51.28 dBm	-26.28 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47113 GHz	-51.29 dBm	-26.29 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.82671 GHz	-50.79 dBm	-25.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97475 GHz	-45.87 dBm	-20.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38335 GHz	-47.20 dBm	-22.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40245 GHz	-45.63 dBm	-20.63 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03937 GHz	-42.51 dBm	-17.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87415 GHz	-42.74 dBm	-17.74 dB

Date: 14.JUN.2023 04:40:01

Highest Channel / QPSK



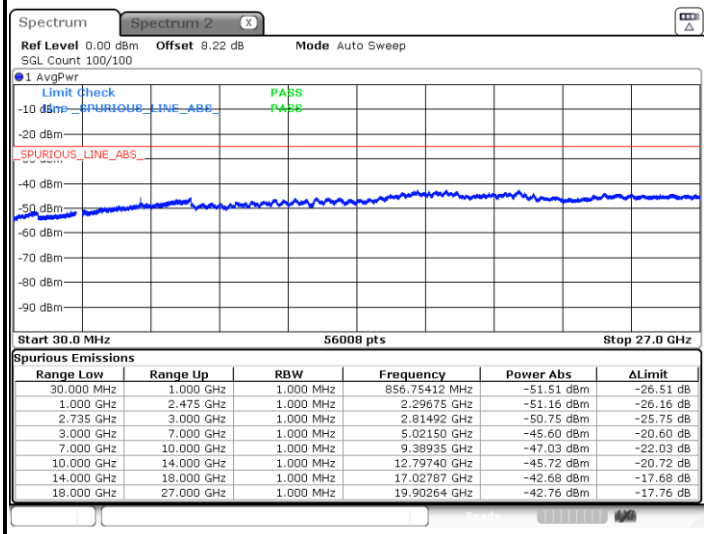
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	701.63168 MHz	-51.44 dBm	-26.44 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47260 GHz	-51.21 dBm	-26.21 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.83850 GHz	-50.81 dBm	-25.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96375 GHz	-45.75 dBm	-20.75 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.80678 GHz	-46.88 dBm	-21.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.92801 GHz	-45.65 dBm	-20.65 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04887 GHz	-42.63 dBm	-17.63 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85665 GHz	-42.82 dBm	-17.82 dB

Date: 14.JUN.2023 04:42:13

LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

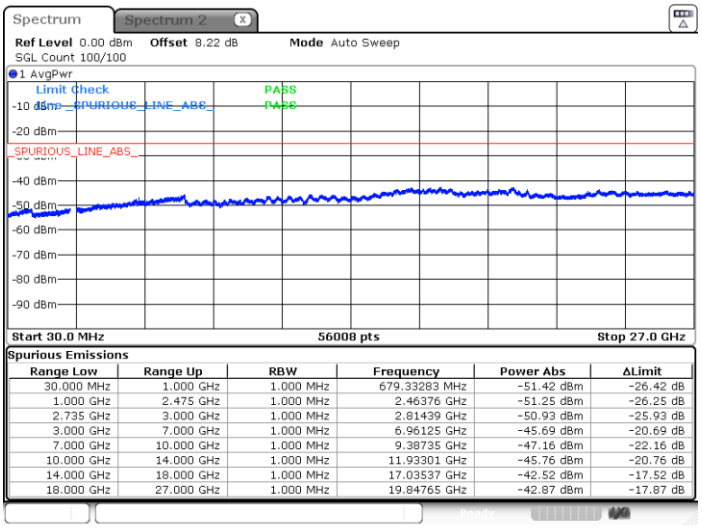


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-51.51 dBm	-26.51 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.29675 GHz	-51.16 dBm	-26.16 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.81492 GHz	-50.75 dBm	-25.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.02150 GHz	-45.60 dBm	-20.60 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38935 GHz	-47.03 dBm	-22.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.79740 GHz	-45.72 dBm	-20.72 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02787 GHz	-42.68 dBm	-17.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90264 GHz	-42.76 dBm	-17.76 dB

Date: 14.JUN.2023 04:59:05

Middle Channel / QPSK

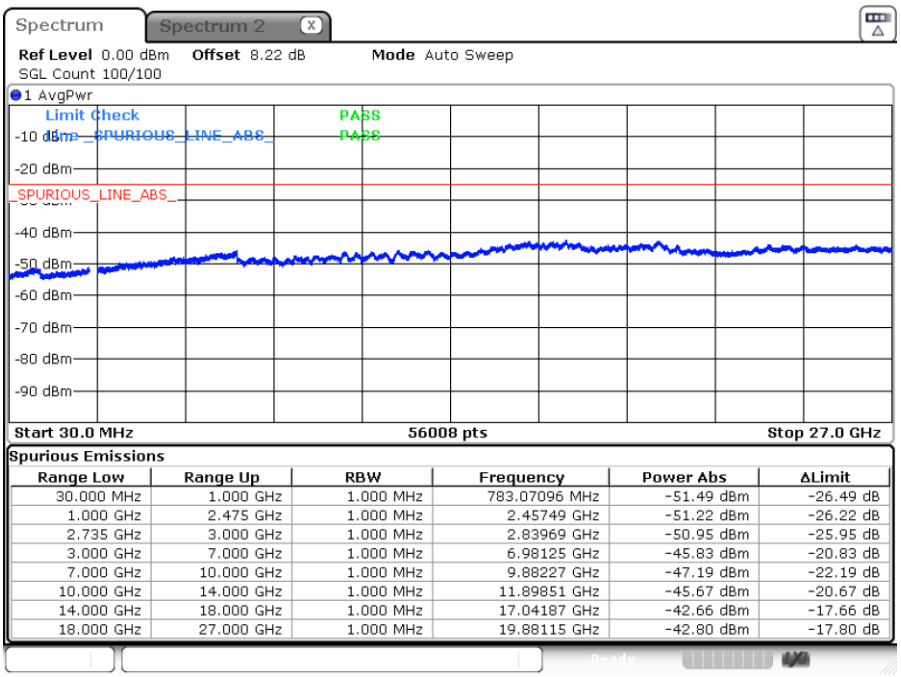


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	679.33283 MHz	-51.42 dBm	-26.42 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46376 GHz	-51.25 dBm	-26.25 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.81439 GHz	-50.93 dBm	-25.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96125 GHz	-45.69 dBm	-20.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38735 GHz	-47.16 dBm	-22.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.93301 GHz	-45.76 dBm	-20.76 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03537 GHz	-42.52 dBm	-17.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.84765 GHz	-42.87 dBm	-17.87 dB

Date: 14.JUN.2023 05:08:48

Highest Channel / QPSK



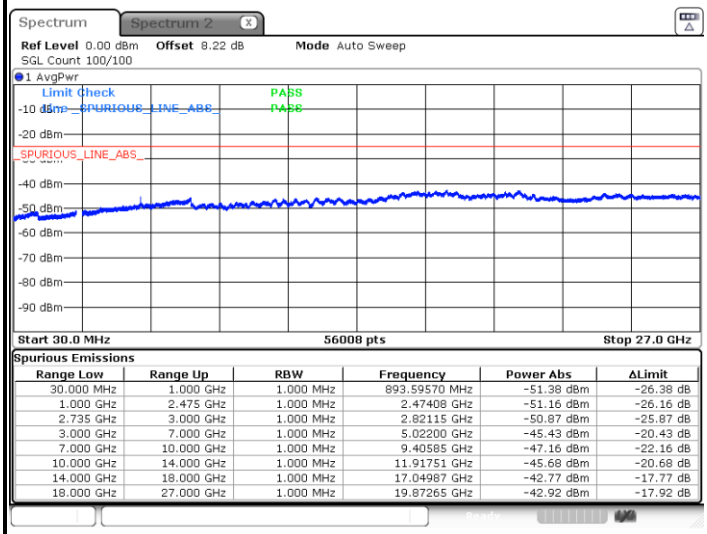
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	783.07096 MHz	-51.49 dBm	-26.49 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45749 GHz	-51.22 dBm	-26.22 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.83969 GHz	-50.95 dBm	-25.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-45.83 dBm	-20.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.88227 GHz	-47.19 dBm	-22.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.89851 GHz	-45.67 dBm	-20.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04187 GHz	-42.66 dBm	-17.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.88115 GHz	-42.80 dBm	-17.80 dB

Date: 14.JUN.2023 05:15:26

LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

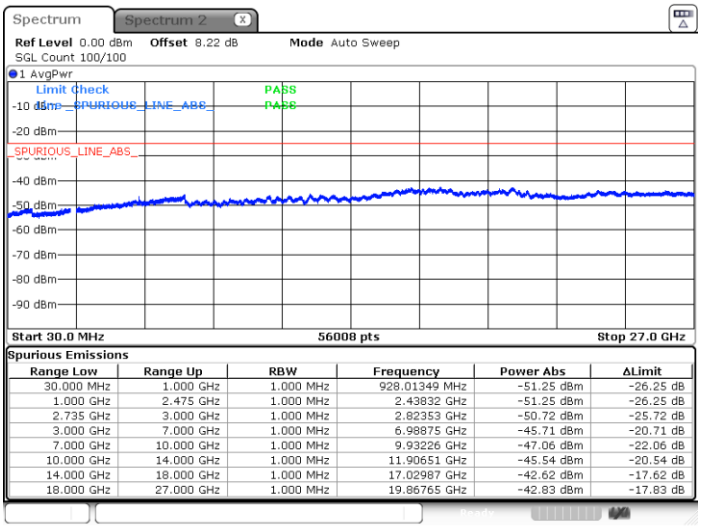


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-51.38 dBm	-26.38 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-51.16 dBm	-26.16 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.82115 GHz	-50.87 dBm	-25.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.02200 GHz	-45.43 dBm	-20.43 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.40585 GHz	-47.16 dBm	-22.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91751 GHz	-45.68 dBm	-20.68 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04987 GHz	-42.77 dBm	-17.77 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87265 GHz	-42.92 dBm	-17.92 dB

Date: 14.JUN.2023 05:24:39

Middle Channel / QPSK

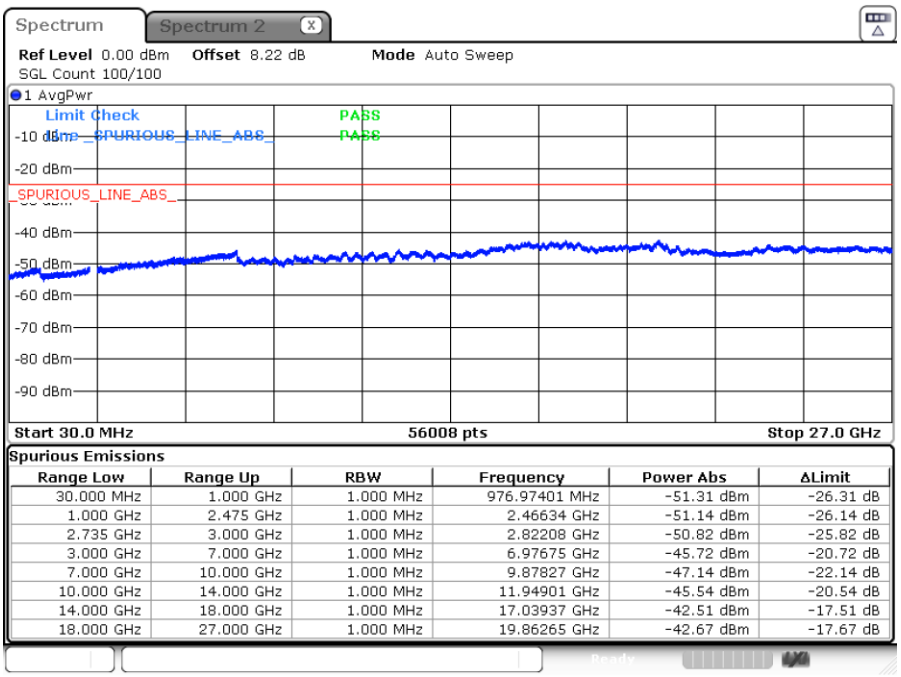


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-51.25 dBm	-26.25 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43832 GHz	-51.25 dBm	-26.25 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.82353 GHz	-50.72 dBm	-25.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-45.71 dBm	-20.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93226 GHz	-47.06 dBm	-22.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.90651 GHz	-45.54 dBm	-20.54 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02987 GHz	-42.62 dBm	-17.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86765 GHz	-42.83 dBm	-17.83 dB

Date: 14.JUN.2023 05:37:21

Highest Channel / QPSK



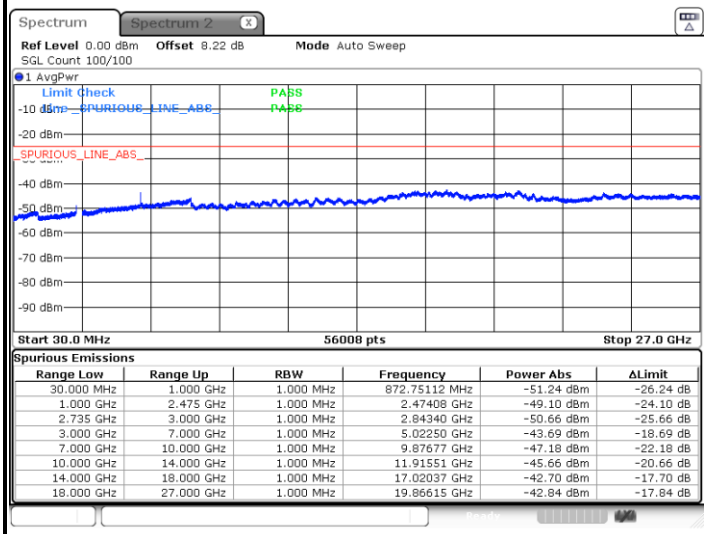
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-51.31 dBm	-26.31 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46634 GHz	-51.14 dBm	-26.14 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.82208 GHz	-50.82 dBm	-25.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97675 GHz	-45.72 dBm	-20.72 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.87827 GHz	-47.14 dBm	-22.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94901 GHz	-45.54 dBm	-20.54 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03937 GHz	-42.51 dBm	-17.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86265 GHz	-42.67 dBm	-17.67 dB

Date: 14.JUN.2023 05:38:52

LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

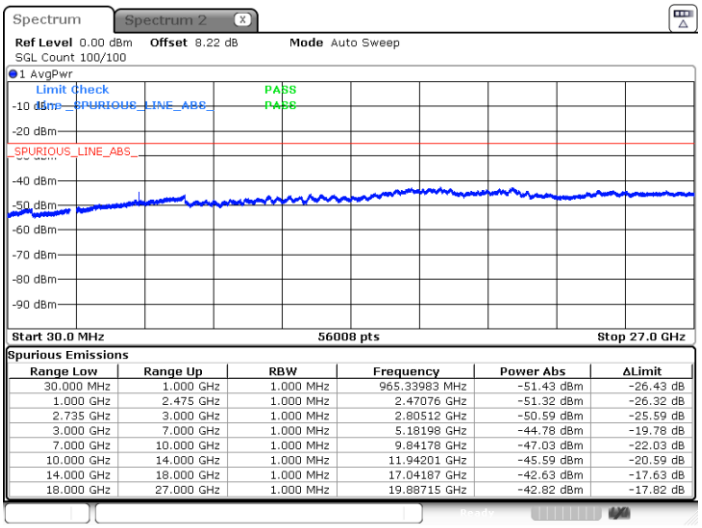


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.75112 MHz	-51.24 dBm	-26.24 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-49.10 dBm	-24.10 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.84340 GHz	-50.66 dBm	-25.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.02250 GHz	-43.69 dBm	-18.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.87677 GHz	-47.18 dBm	-22.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91551 GHz	-45.66 dBm	-20.66 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02037 GHz	-42.70 dBm	-17.70 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86615 GHz	-42.84 dBm	-17.84 dB

Date: 14.JUN.2023 05:50:24

Middle Channel / QPSK

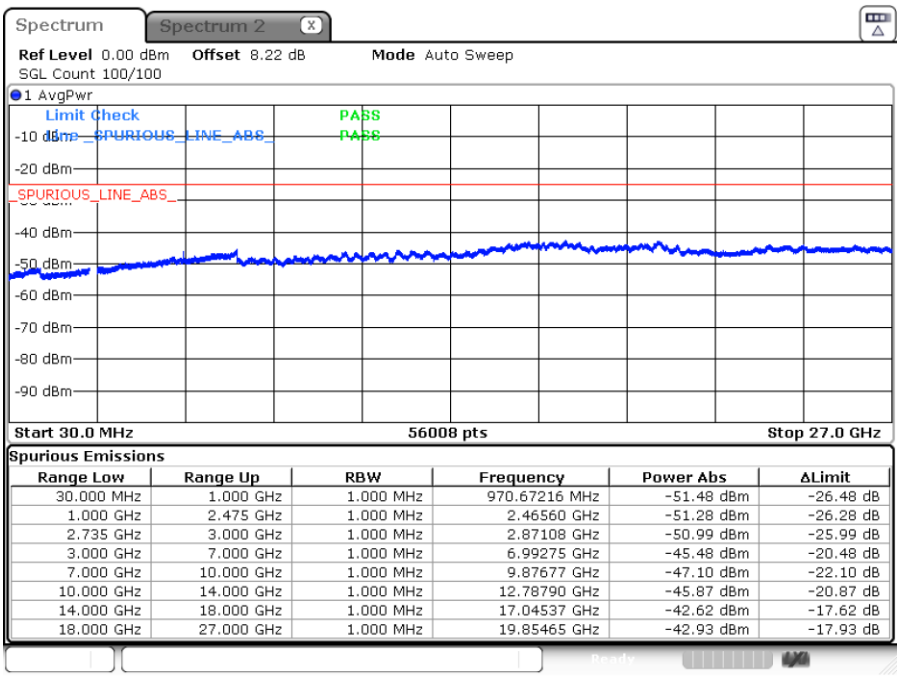


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-51.43 dBm	-26.43 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47076 GHz	-51.32 dBm	-26.32 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.80512 GHz	-50.59 dBm	-25.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18198 GHz	-44.78 dBm	-19.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.84178 GHz	-47.03 dBm	-22.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94201 GHz	-45.59 dBm	-20.59 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04187 GHz	-42.63 dBm	-17.63 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.88715 GHz	-42.82 dBm	-17.82 dB

Date: 14.JUN.2023 05:59:42

Highest Channel / QPSK



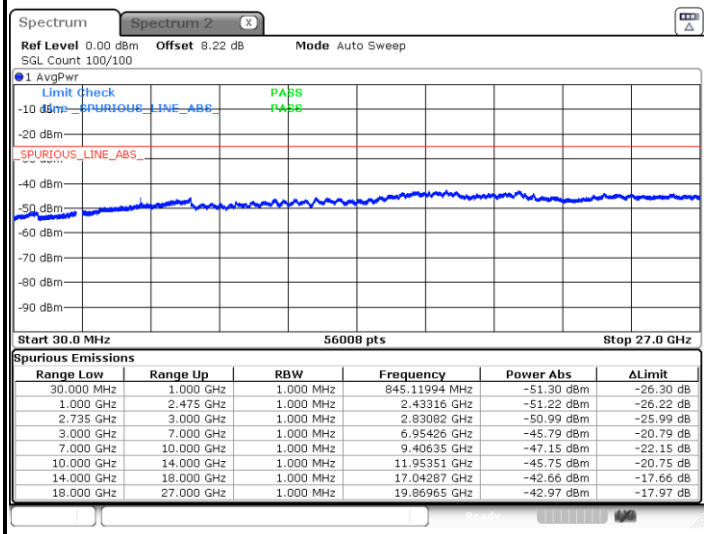
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-51.48 dBm	-26.48 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46560 GHz	-51.28 dBm	-26.28 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.87108 GHz	-50.99 dBm	-25.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-45.48 dBm	-20.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.87677 GHz	-47.10 dBm	-22.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.78790 GHz	-45.87 dBm	-20.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04537 GHz	-42.62 dBm	-17.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85465 GHz	-42.93 dBm	-17.93 dB

Date: 14.JUN.2023 06:07:31

LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

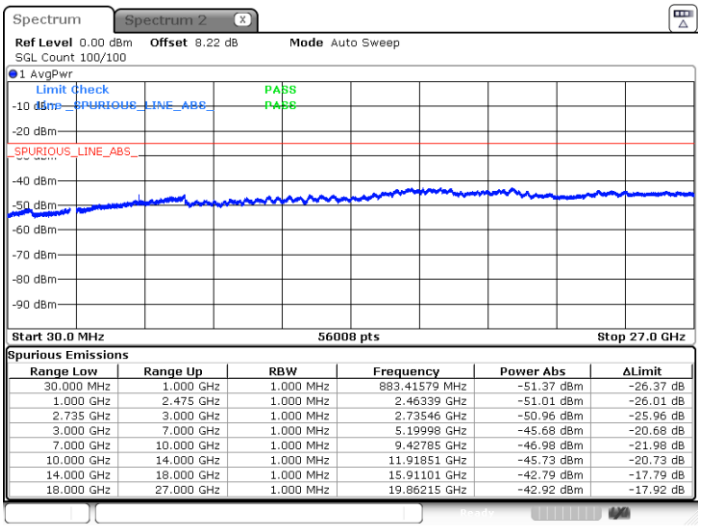


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	845.11994 MHz	-51.30 dBm	-26.30 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43316 GHz	-51.22 dBm	-26.22 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.83082 GHz	-50.99 dBm	-25.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95426 GHz	-45.79 dBm	-20.79 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.40635 GHz	-47.15 dBm	-22.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.95351 GHz	-45.75 dBm	-20.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04287 GHz	-42.66 dBm	-17.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86965 GHz	-42.97 dBm	-17.97 dB

Date: 14.JUN.2023 06:21:05

Middle Channel / QPSK

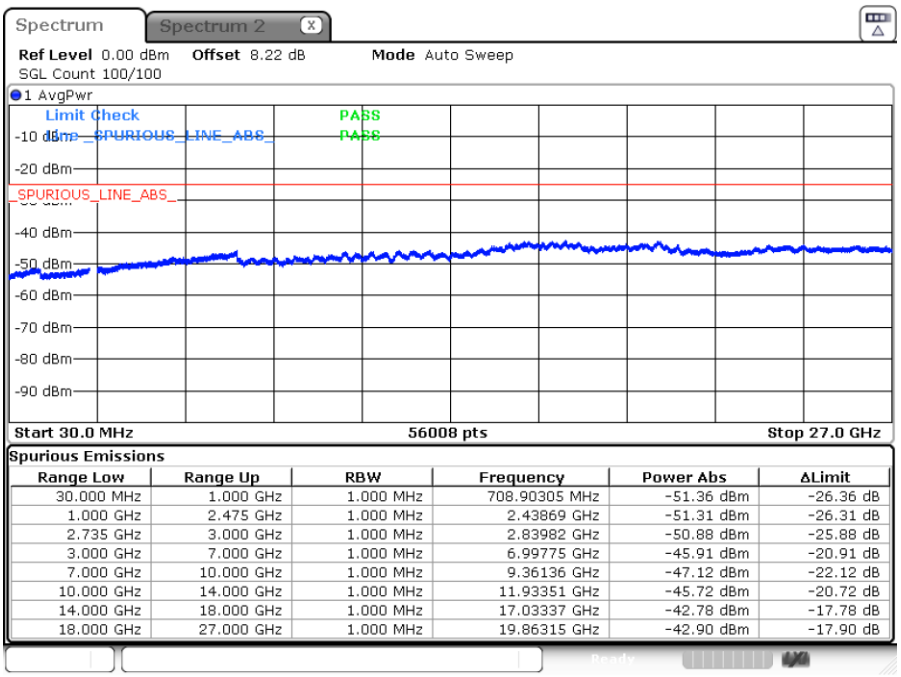


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-51.37 dBm	-26.37 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46339 GHz	-51.01 dBm	-26.01 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.73546 GHz	-50.96 dBm	-25.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.19998 GHz	-45.68 dBm	-20.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.42785 GHz	-46.98 dBm	-21.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91851 GHz	-45.73 dBm	-20.73 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.91101 GHz	-42.79 dBm	-17.79 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86215 GHz	-42.92 dBm	-17.92 dB

Date: 14.JUN.2023 06:30:12

Highest Channel / QPSK



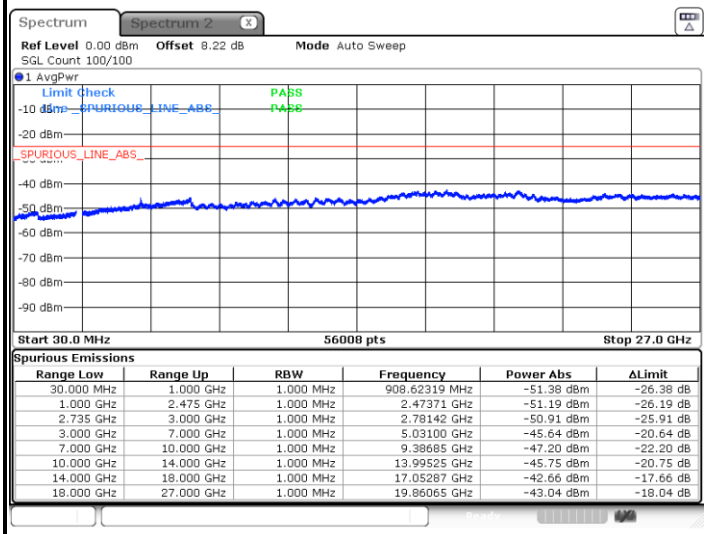
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	708.90305 MHz	-51.36 dBm	-26.36 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43869 GHz	-51.31 dBm	-26.31 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.83982 GHz	-50.88 dBm	-25.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-45.91 dBm	-20.91 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.36136 GHz	-47.12 dBm	-22.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.93351 GHz	-45.72 dBm	-20.72 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03337 GHz	-42.78 dBm	-17.78 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86315 GHz	-42.90 dBm	-17.90 dB

Date: 14.JUN.2023 06:32:49

LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

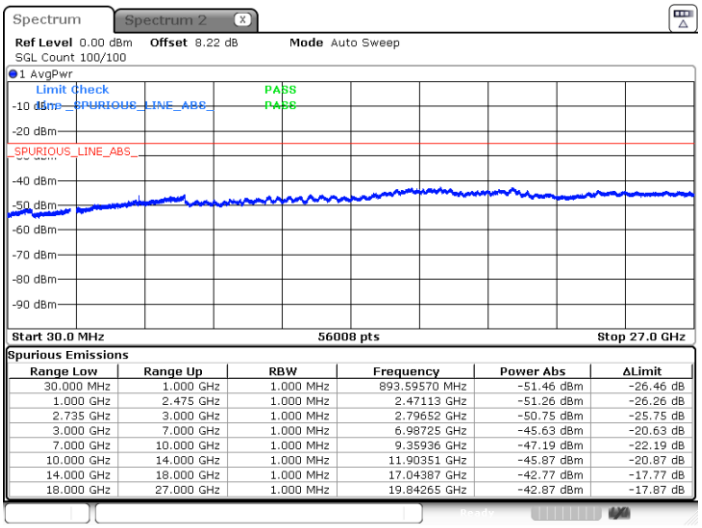


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-51.38 dBm	-26.38 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-51.19 dBm	-26.19 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.78142 GHz	-50.91 dBm	-25.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.03100 GHz	-45.64 dBm	-20.64 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38685 GHz	-47.20 dBm	-22.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99525 GHz	-45.75 dBm	-20.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.05287 GHz	-42.66 dBm	-17.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86065 GHz	-43.04 dBm	-18.04 dB

Date: 14.JUN.2023 06:42:03

Middle Channel / QPSK

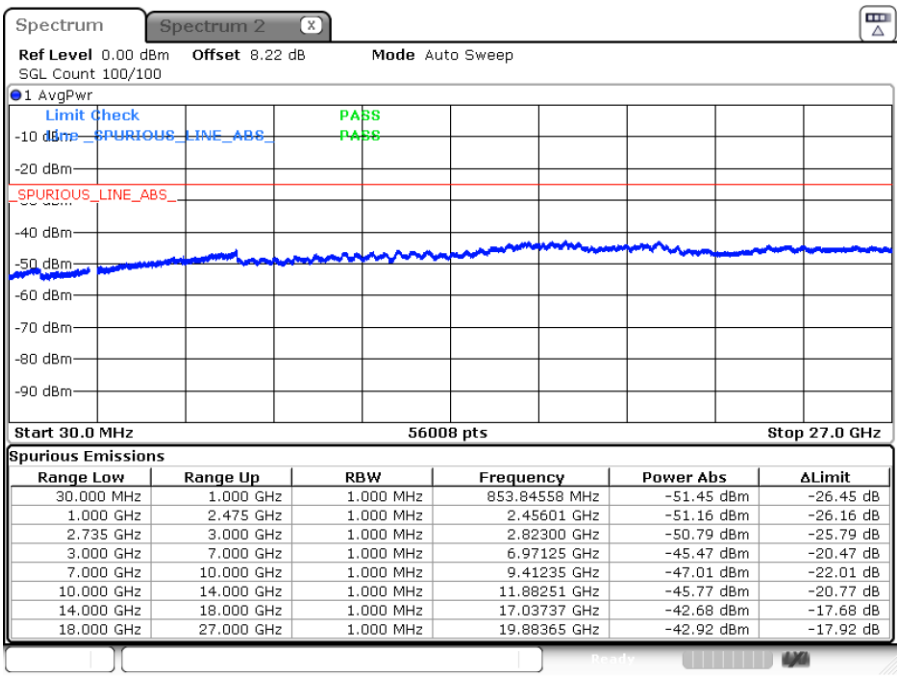


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-51.46 dBm	-26.46 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47113 GHz	-51.26 dBm	-26.26 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.79652 GHz	-50.75 dBm	-25.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-45.63 dBm	-20.63 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.35936 GHz	-47.19 dBm	-22.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.90351 GHz	-45.87 dBm	-20.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04387 GHz	-42.77 dBm	-17.77 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.84265 GHz	-42.87 dBm	-17.87 dB

Date: 14.JUN.2023 06:51:21

Highest Channel / QPSK



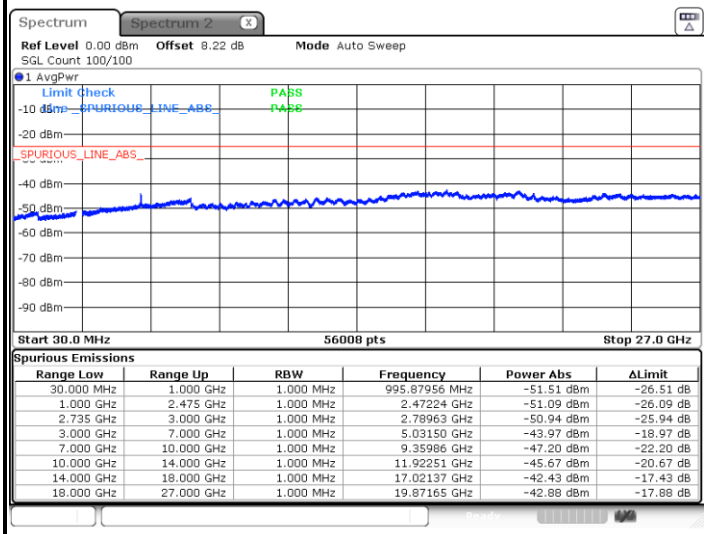
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.84558 MHz	-51.45 dBm	-26.45 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45601 GHz	-51.16 dBm	-26.16 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.82300 GHz	-50.79 dBm	-25.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97125 GHz	-45.47 dBm	-20.47 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41235 GHz	-47.01 dBm	-22.01 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.88251 GHz	-45.77 dBm	-20.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03737 GHz	-42.68 dBm	-17.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.88365 GHz	-42.92 dBm	-17.92 dB

Date: 14.JUN.2023 06:55:43

LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

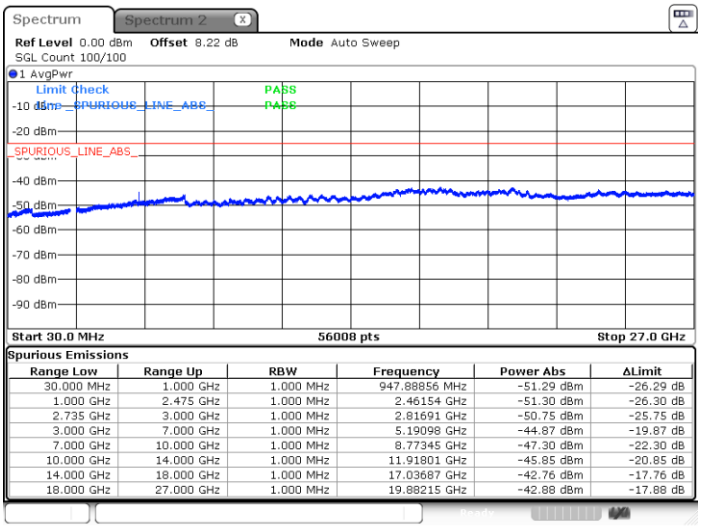


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-51.51 dBm	-26.51 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47224 GHz	-51.09 dBm	-26.09 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.78963 GHz	-50.94 dBm	-25.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.03150 GHz	-43.97 dBm	-18.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.35986 GHz	-47.20 dBm	-22.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.92251 GHz	-45.67 dBm	-20.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02137 GHz	-42.43 dBm	-17.43 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87165 GHz	-42.88 dBm	-17.88 dB

Date: 14.JUN.2023 07:04:57

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-51.29 dBm	-26.29 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46154 GHz	-51.30 dBm	-26.30 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.81691 GHz	-50.75 dBm	-25.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.19098 GHz	-44.87 dBm	-19.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.77345 GHz	-47.30 dBm	-22.30 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91801 GHz	-45.85 dBm	-20.85 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03687 GHz	-42.76 dBm	-17.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.88215 GHz	-42.88 dBm	-17.88 dB

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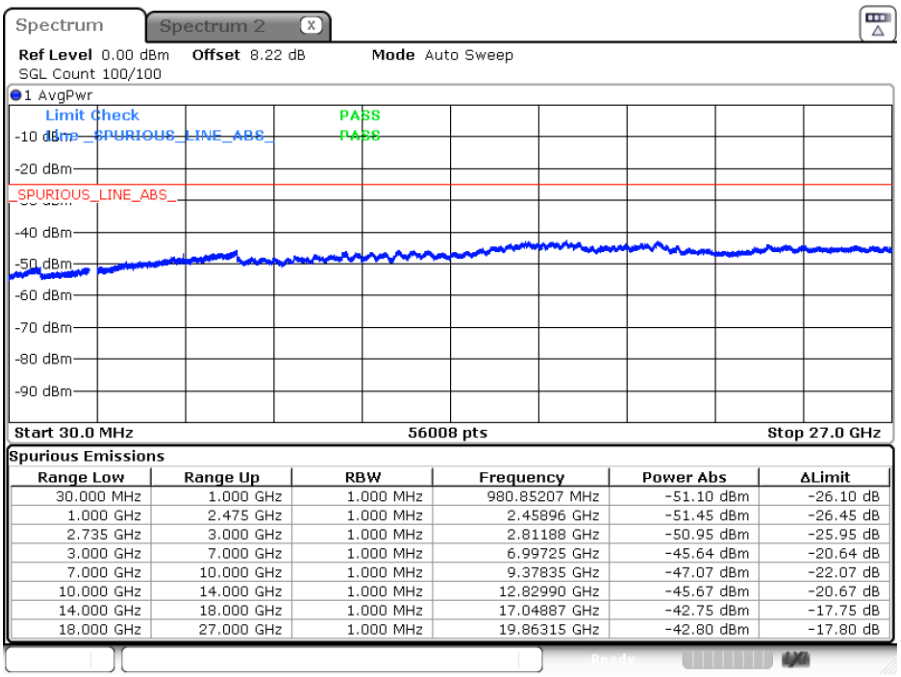
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-51.10 dBm	-26.10 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45896 GHz	-51.45 dBm	-26.45 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.81188 GHz	-50.95 dBm	-25.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-45.64 dBm	-20.64 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.37835 GHz	-47.07 dBm	-22.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.82990 GHz	-45.67 dBm	-20.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04887 GHz	-42.75 dBm	-17.75 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86315 GHz	-42.80 dBm	-17.80 dB

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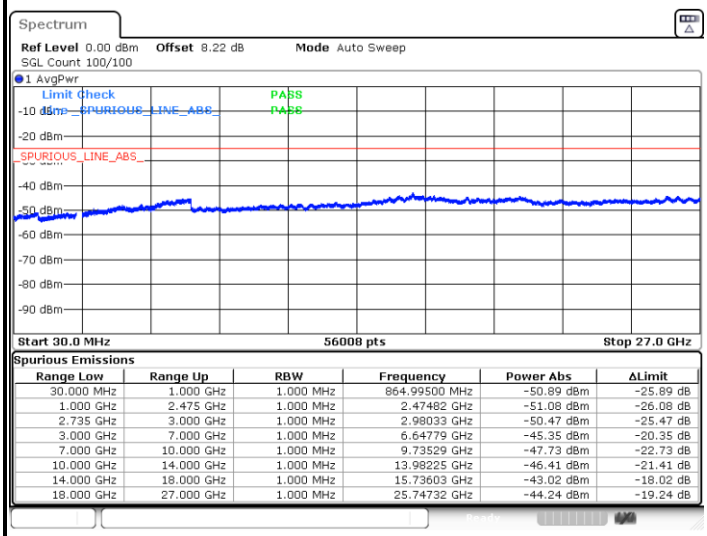
LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

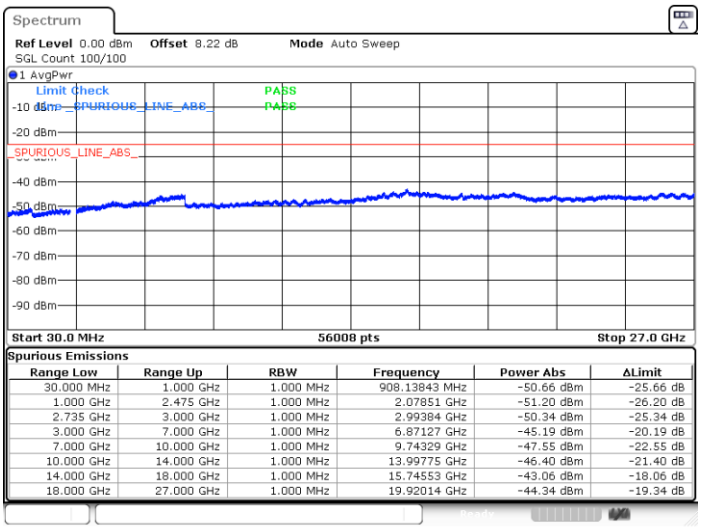


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.99500 MHz	-50.89 dBm	-25.89 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-51.08 dBm	-26.08 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.98033 GHz	-50.47 dBm	-25.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.64779 GHz	-45.35 dBm	-20.35 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73529 GHz	-47.73 dBm	-22.73 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98225 GHz	-46.41 dBm	-21.41 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73603 GHz	-43.02 dBm	-18.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.74732 GHz	-44.24 dBm	-19.24 dB

Date: 15.JUN.2023 03:45:29

Middle Channel / QPSK

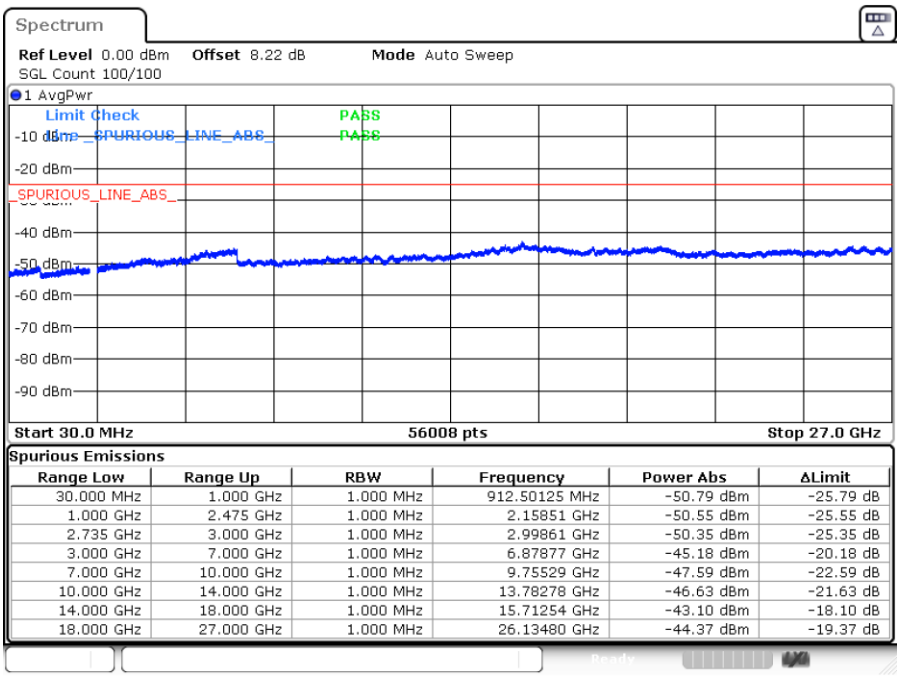


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-50.66 dBm	-25.66 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.07851 GHz	-51.20 dBm	-26.20 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99384 GHz	-50.34 dBm	-25.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87127 GHz	-45.19 dBm	-20.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74329 GHz	-47.55 dBm	-22.55 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99775 GHz	-46.40 dBm	-21.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74553 GHz	-43.06 dBm	-18.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92014 GHz	-44.34 dBm	-19.34 dB

Date: 15.JUN.2023 03:43:52

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.50125 MHz	-50.79 dBm	-25.79 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.15851 GHz	-50.55 dBm	-25.55 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99861 GHz	-50.35 dBm	-25.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87877 GHz	-45.18 dBm	-20.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75529 GHz	-47.59 dBm	-22.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78278 GHz	-46.63 dBm	-21.63 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71254 GHz	-43.10 dBm	-18.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	26.13480 GHz	-44.37 dBm	-19.37 dB

Date: 15.JUN.2023 03:42:20

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	23~25℃
		Relative Humidity :	41~42%

RSE pretest all the supported antennas, only the worst antenna perform final test and record in the report.

PCC 1RB0:

LTE Band 41C_CA / 20MHz+20MHz / QPSK (ANT2)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5148	-63.12	-25	-38.12	-73.33	3.03	13.24	H
	7724	-61.75	-25	-36.75	-71.20	3.56	13.01	H
	10300	-61.27	-25	-36.27	-70.79	3.92	13.44	H
	5148	-63.2	-25	-38.20	-73.41	3.03	13.24	V
	7724	-62.01	-25	-37.01	-71.46	3.56	13.01	V
	10300	-61.73	-25	-36.73	-71.25	3.92	13.44	V

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

SCC 1RBMAX:

LTE Band 41C_CA / 20MHz+20MHz / QPSK (ANT2)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5190	-62.54	-25	-37.54	-72.75	3.03	13.24	H
	7780	-62.11	-25	-37.11	-71.56	3.56	13.01	H
	10370	-61.4	-25	-36.40	-70.92	3.92	13.44	H
	5190	-62.56	-25	-37.56	-72.77	3.03	13.24	V
	7780	-62.01	-25	-37.01	-71.46	3.56	13.01	V
	10370	-61.43	-25	-36.43	-70.95	3.92	13.44	V

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