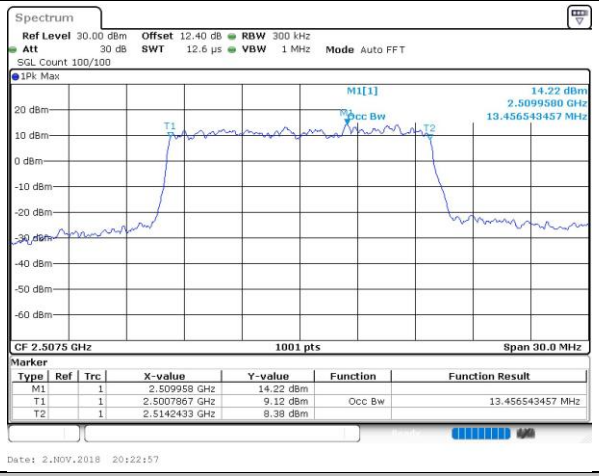
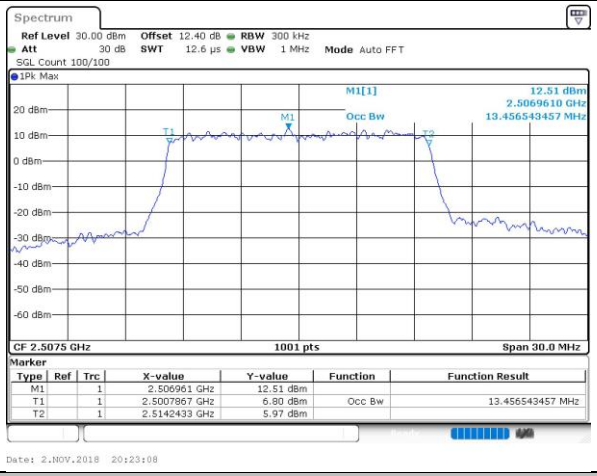
LTE Band 7

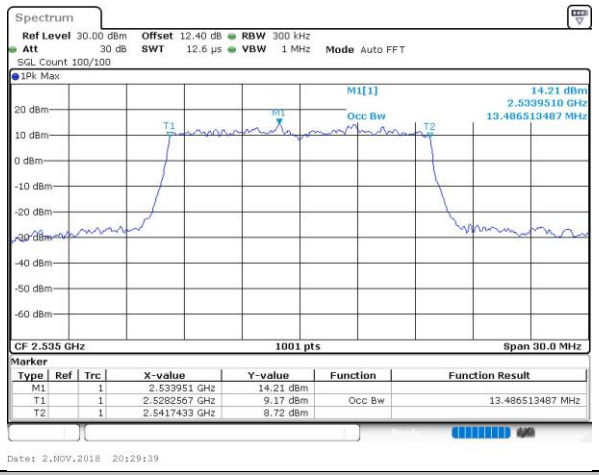
Lowest Channel / 15MHz / QPSK



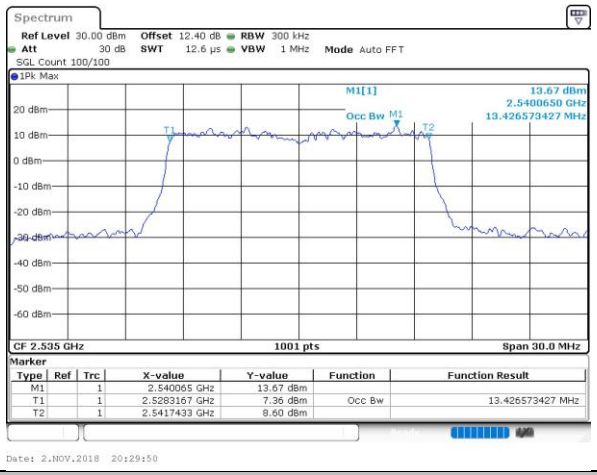
Lowest Channel / 15MHz / 16QAM



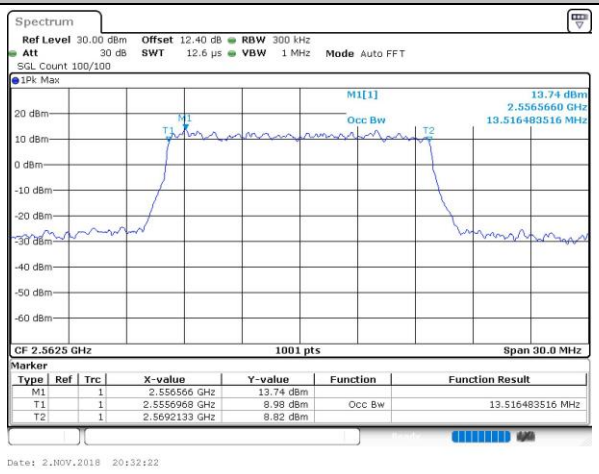
Middle Channel / 15MHz / QPSK



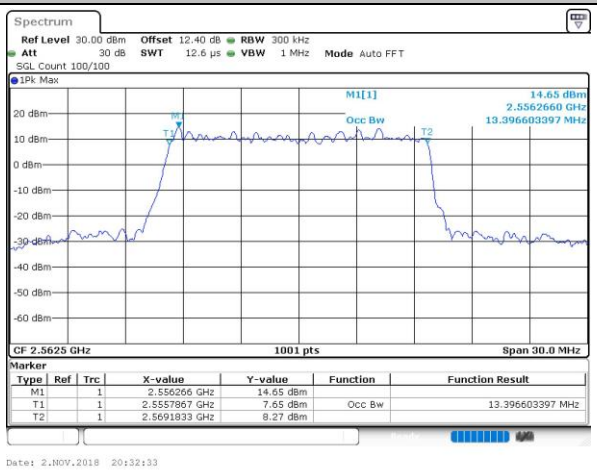
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

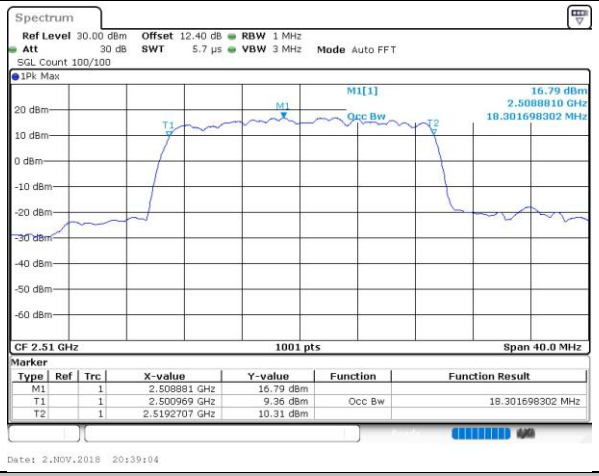


Highest Channel / 15MHz / 16QAM

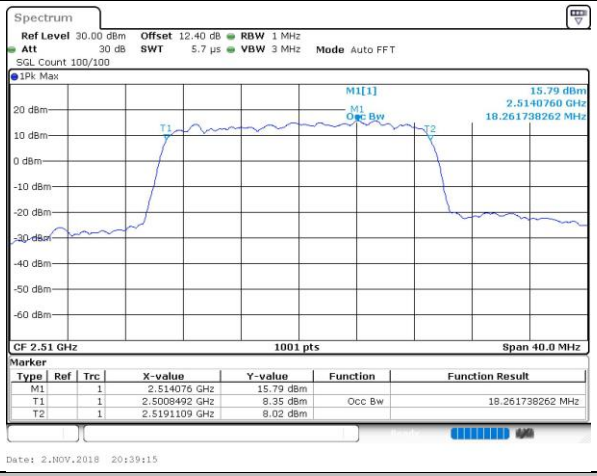


LTE Band 7

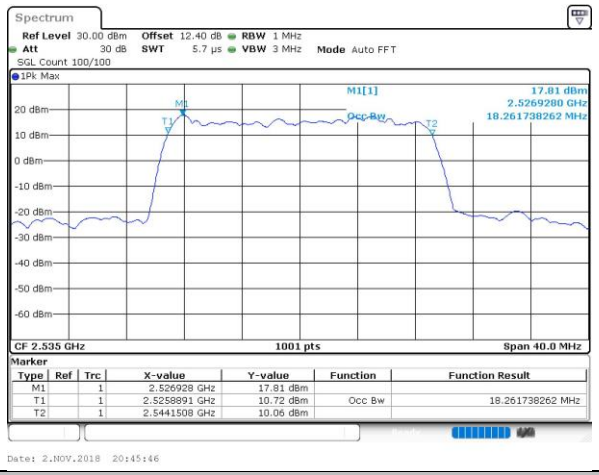
Lowest Channel / 20MHz / QPSK



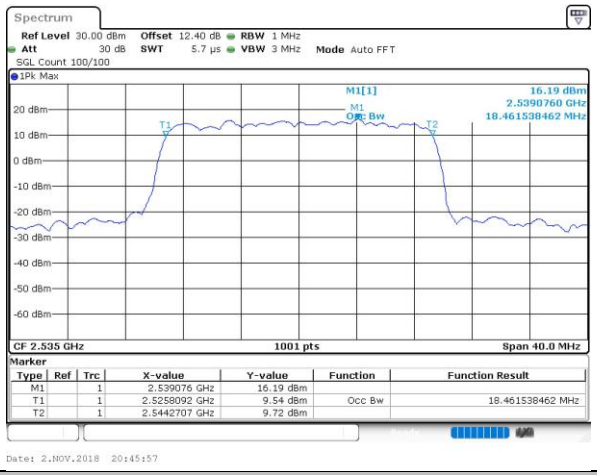
Lowest Channel / 20MHz / 16QAM



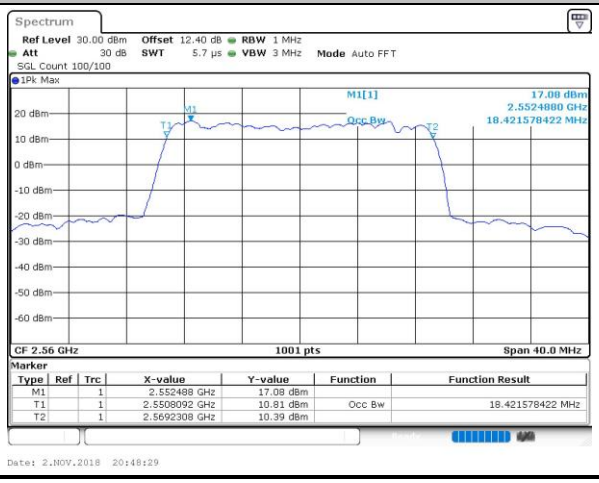
Middle Channel / 20MHz / QPSK



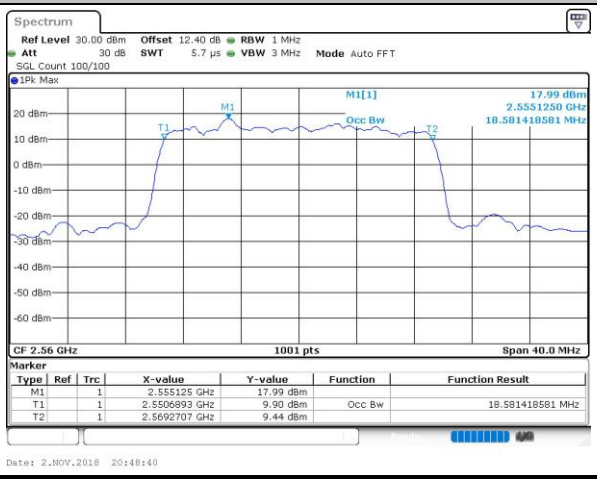
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



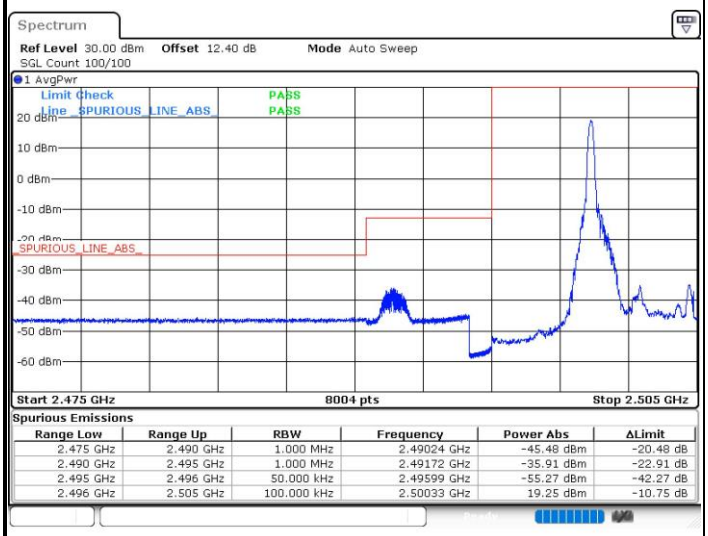
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

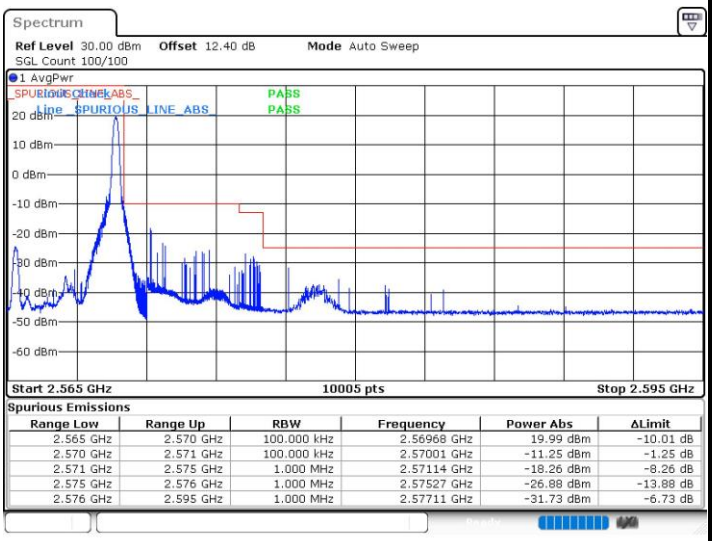


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49024 GHz	-45.48 dBm	-20.48 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49172 GHz	-35.91 dBm	-22.91 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-55.27 dBm	-42.27 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	19.25 dBm	-10.75 dB

Date: 2.NOV.2018 19:52:14

Highest Band Edge / 1 RB

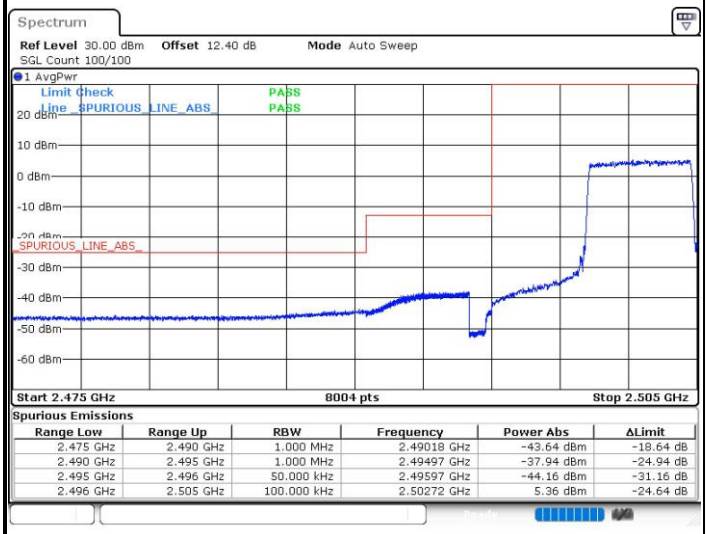


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	19.99 dBm	-10.01 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-11.25 dBm	-1.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-18.26 dBm	-8.26 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57527 GHz	-26.88 dBm	-13.88 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57711 GHz	-31.73 dBm	-6.73 dB

Date: 2.NOV.2018 20:01:39

Lowest Band Edge / Full RB

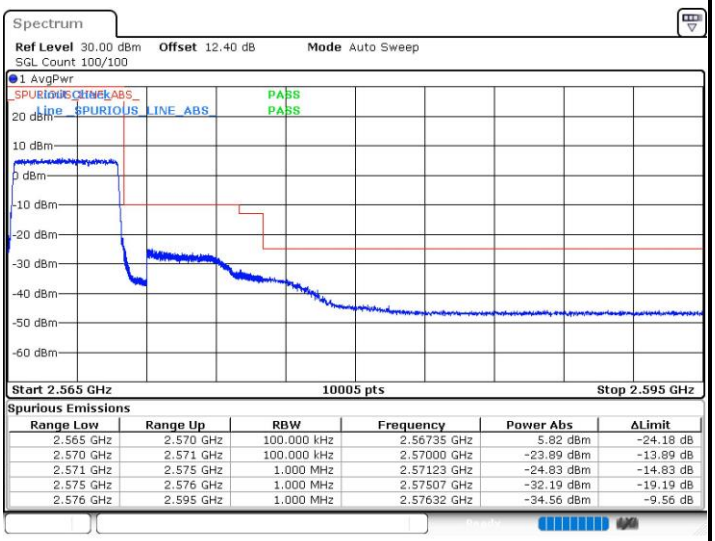


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49018 GHz	-43.64 dBm	-18.64 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-37.94 dBm	-24.94 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49597 GHz	-44.16 dBm	-31.16 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50272 GHz	5.36 dBm	-24.64 dB

Date: 2.NOV.2018 19:54:14

Highest Band Edge / Full RB



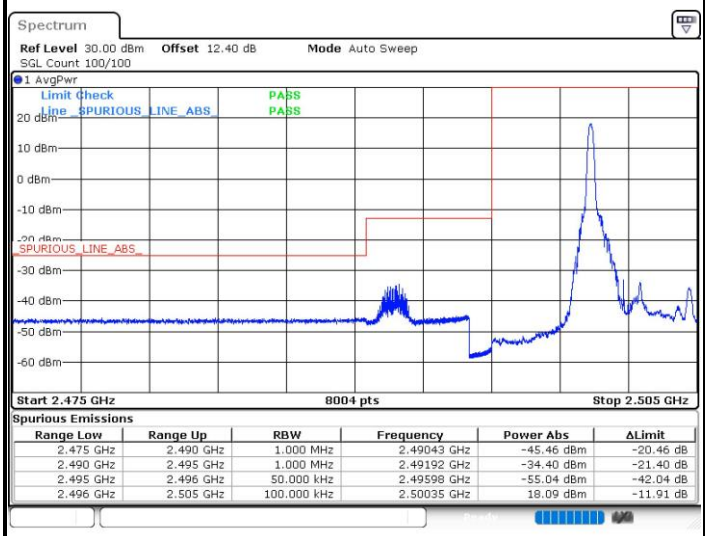
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56735 GHz	5.82 dBm	-24.18 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-23.89 dBm	-13.89 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57123 GHz	-24.83 dBm	-14.83 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57507 GHz	-32.19 dBm	-19.19 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57632 GHz	-34.56 dBm	-9.56 dB

Date: 2.NOV.2018 20:03:39

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

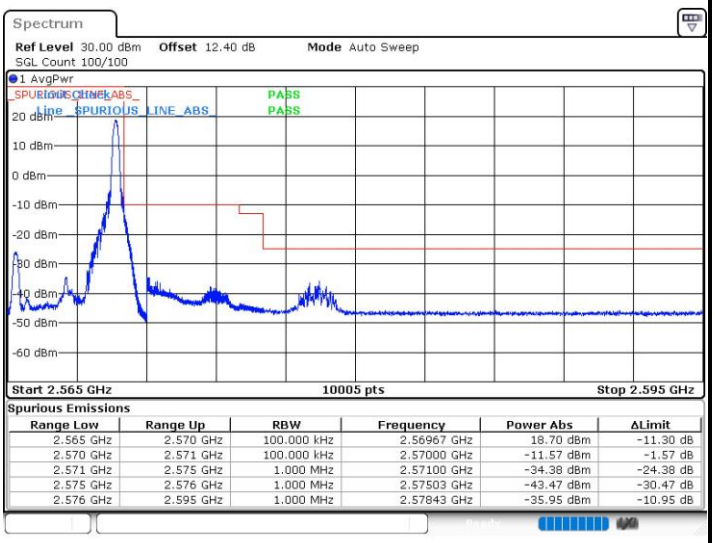


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-45.46 dBm	-20.46 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49192 GHz	-34.40 dBm	-21.40 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49598 GHz	-55.04 dBm	-42.04 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50035 GHz	18.09 dBm	-11.91 dB

Date: 2.NOV.2018 19:53:14

Highest Band Edge / 1 RB

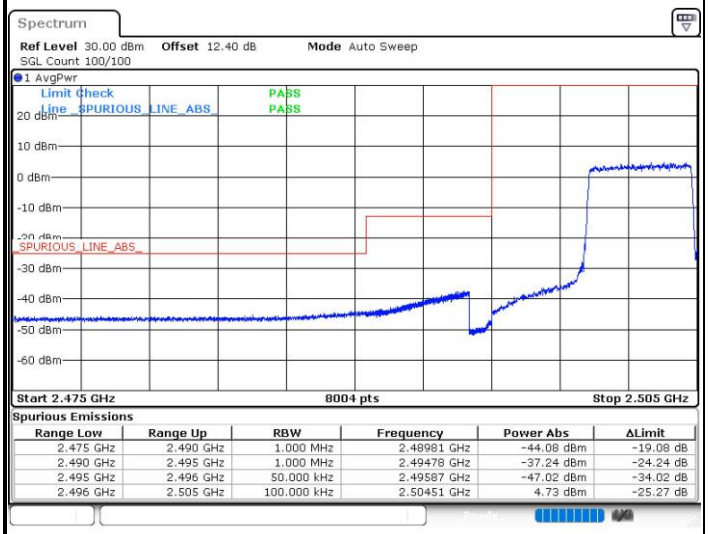


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	18.70 dBm	-11.30 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-11.57 dBm	-1.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-34.38 dBm	-24.38 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-43.47 dBm	-30.47 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57843 GHz	-35.95 dBm	-10.95 dB

Date: 2.NOV.2018 20:02:39

Lowest Band Edge / Full RB

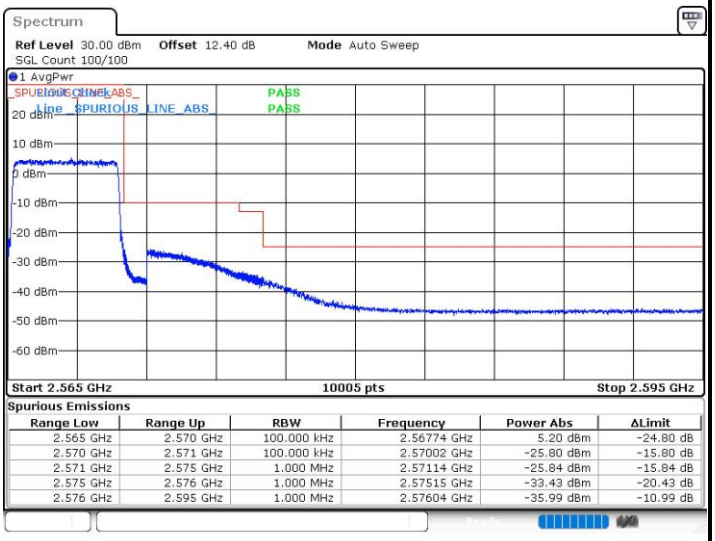


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48981 GHz	-44.08 dBm	-19.08 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49478 GHz	-37.24 dBm	-24.24 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49587 GHz	-47.02 dBm	-34.02 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50451 GHz	4.73 dBm	-25.27 dB

Date: 2.NOV.2018 19:55:13

Highest Band Edge / Full RB



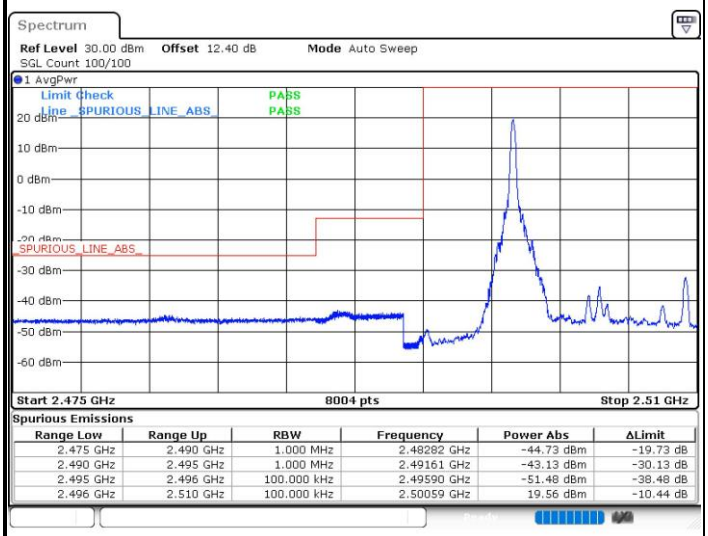
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56774 GHz	5.20 dBm	-24.80 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-25.80 dBm	-15.80 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-25.84 dBm	-15.84 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57515 GHz	-33.43 dBm	-20.43 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57604 GHz	-35.99 dBm	-10.99 dB

Date: 2.NOV.2018 20:04:39

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

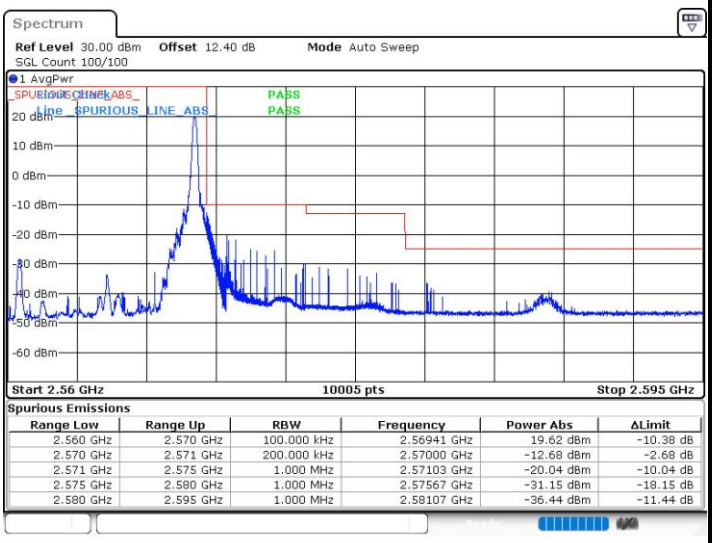


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48282 GHz	-44.73 dBm	-19.73 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49161 GHz	-43.13 dBm	-30.13 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49590 GHz	-51.48 dBm	-38.48 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	19.56 dBm	-10.44 dB

Date: 2.NOV.2018 20:08:22

Highest Band Edge / 1 RB

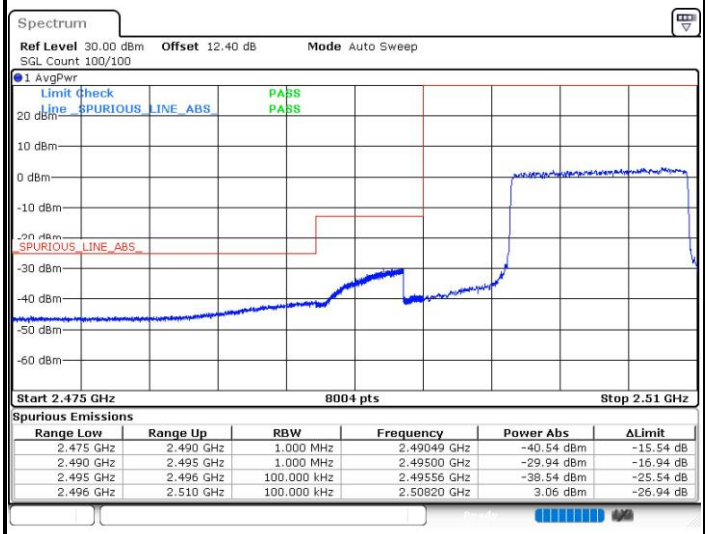


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	19.62 dBm	-10.38 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-12.68 dBm	-2.68 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-20.04 dBm	-10.04 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57567 GHz	-31.15 dBm	-18.15 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58107 GHz	-36.44 dBm	-11.44 dB

Date: 2.NOV.2018 20:17:48

Lowest Band Edge / Full RB

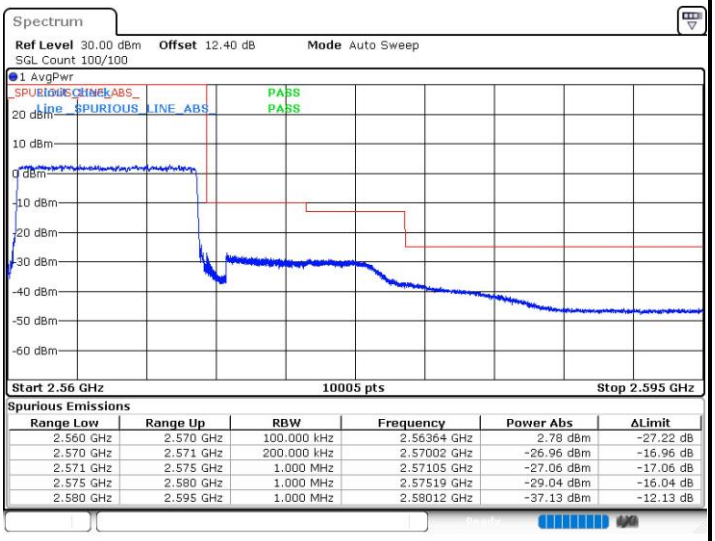


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-40.54 dBm	-15.54 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49500 GHz	-29.94 dBm	-16.94 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49556 GHz	-38.54 dBm	-25.54 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50820 GHz	3.06 dBm	-26.94 dB

Date: 2.NOV.2018 20:10:21

Highest Band Edge / Full RB



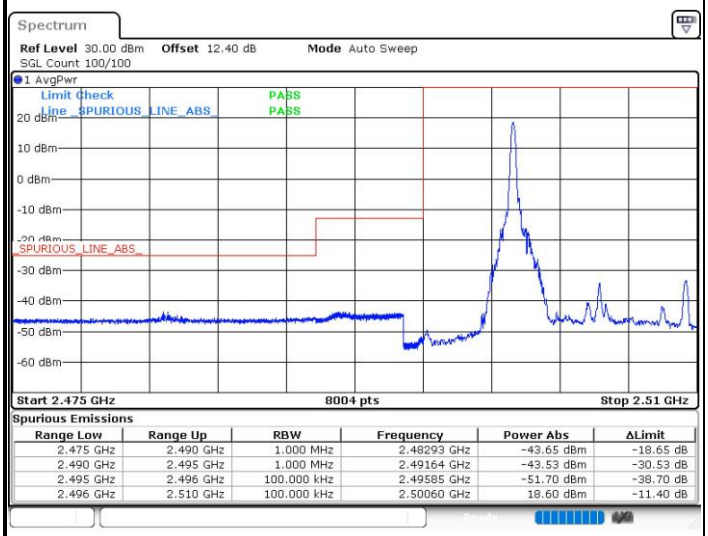
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56364 GHz	2.78 dBm	-27.22 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-26.96 dBm	-16.96 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-27.06 dBm	-17.06 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57519 GHz	-29.04 dBm	-16.04 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58012 GHz	-37.13 dBm	-12.13 dB

Date: 2.NOV.2018 20:19:48

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

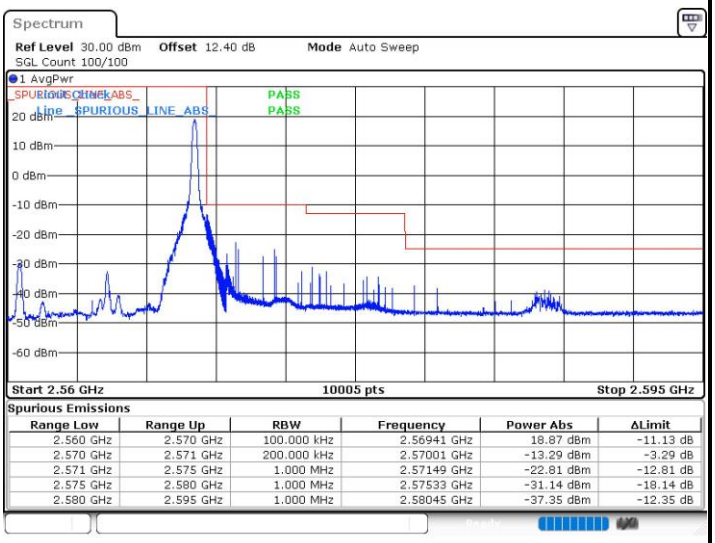


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48293 GHz	-43.65 dBm	-18.65 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49164 GHz	-43.53 dBm	-30.53 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49585 GHz	-51.70 dBm	-38.70 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	18.60 dBm	-11.40 dB

Date: 2.NOV.2018 20:09:21

Highest Band Edge / 1 RB

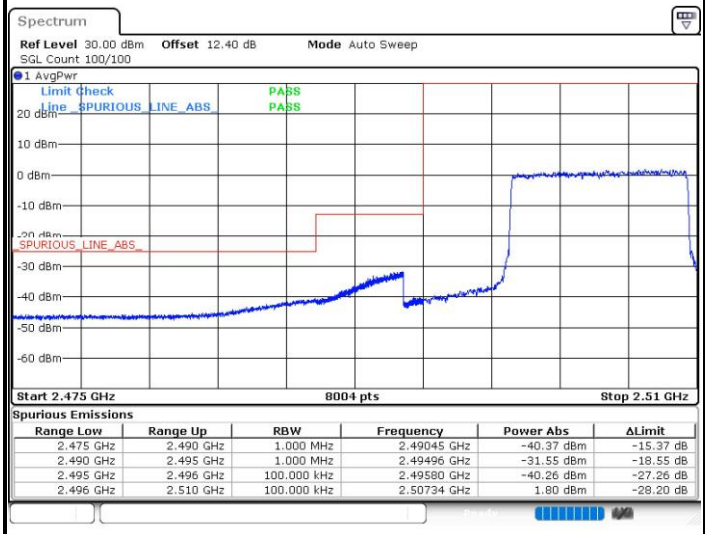


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	18.87 dBm	-11.13 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-13.29 dBm	-3.29 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57149 GHz	-22.81 dBm	-12.81 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57533 GHz	-31.14 dBm	-18.14 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58045 GHz	-37.35 dBm	-12.35 dB

Date: 2.NOV.2018 20:18:47

Lowest Band Edge / Full RB

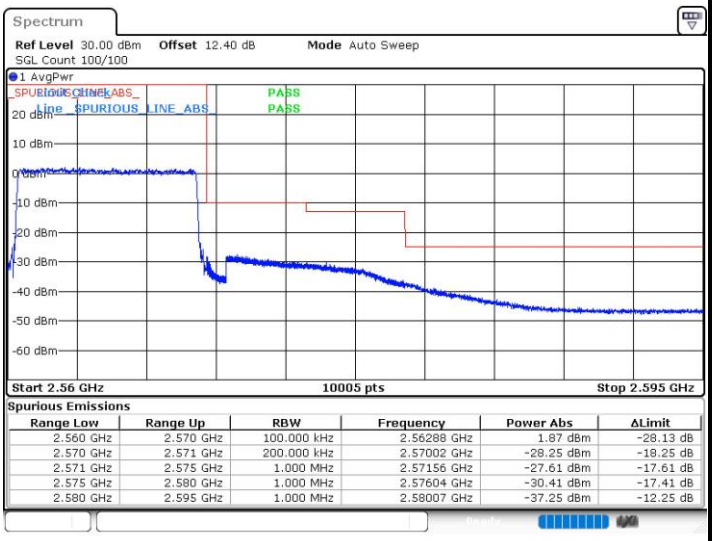


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-40.37 dBm	-15.37 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49496 GHz	-31.55 dBm	-18.55 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49580 GHz	-40.26 dBm	-27.26 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50734 GHz	1.80 dBm	-28.20 dB

Date: 2.NOV.2018 20:11:21

Highest Band Edge / Full RB



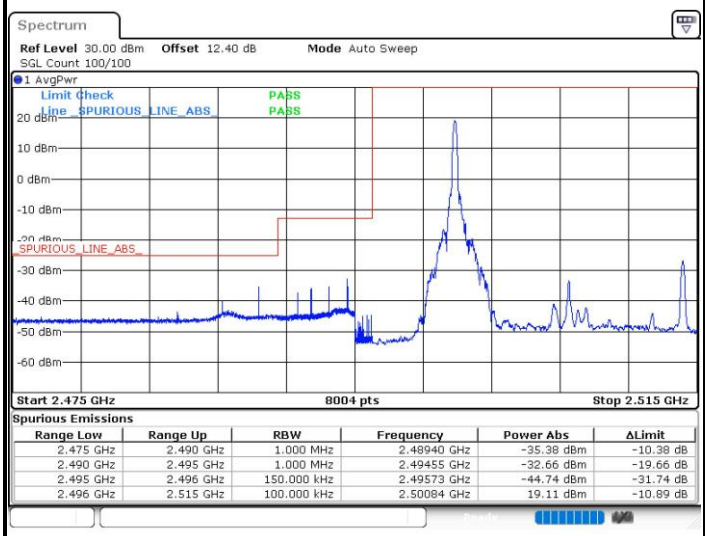
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56288 GHz	1.87 dBm	-28.13 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-28.25 dBm	-18.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57156 GHz	-27.61 dBm	-17.61 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57604 GHz	-30.41 dBm	-17.41 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-37.25 dBm	-12.25 dB

Date: 2.NOV.2018 20:20:47

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

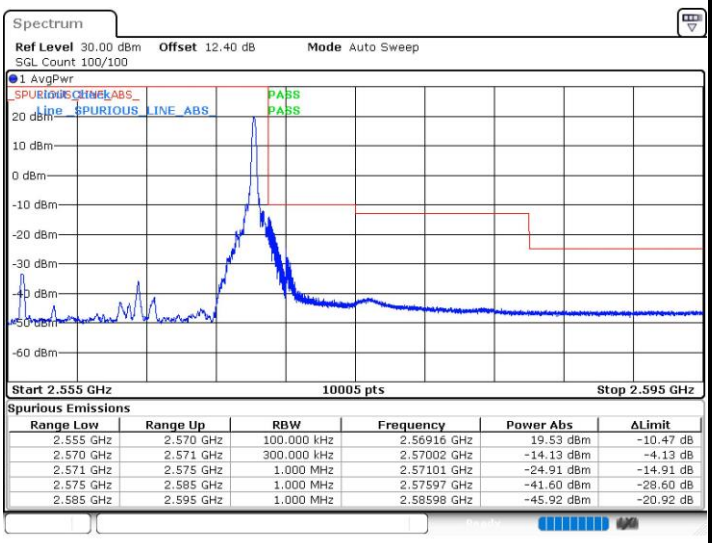


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48940 GHz	-35.38 dBm	-10.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49455 GHz	-32.66 dBm	-19.66 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49573 GHz	-44.74 dBm	-31.74 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	19.11 dBm	-10.89 dB

Date: 2.NOV.2018 20:24:30

Highest Band Edge / 1 RB

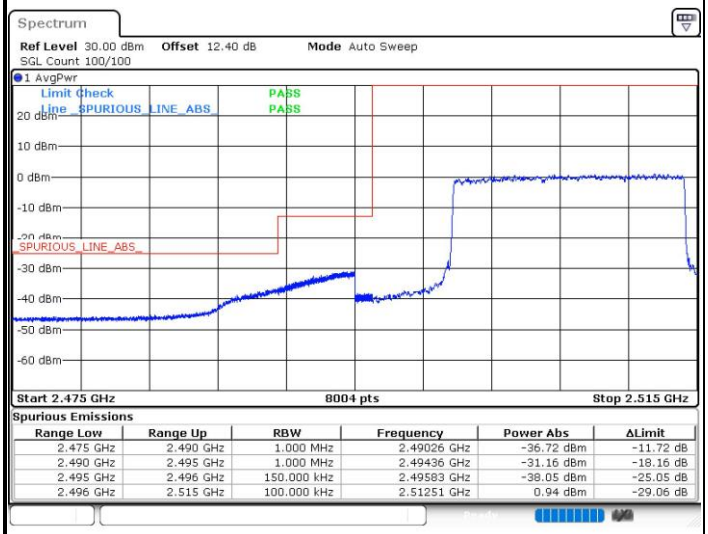


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.53 dBm	-10.47 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-14.13 dBm	-4.13 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-24.91 dBm	-14.91 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57597 GHz	-41.60 dBm	-28.60 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58598 GHz	-45.92 dBm	-20.92 dB

Date: 2.NOV.2018 20:33:55

Lowest Band Edge / Full RB

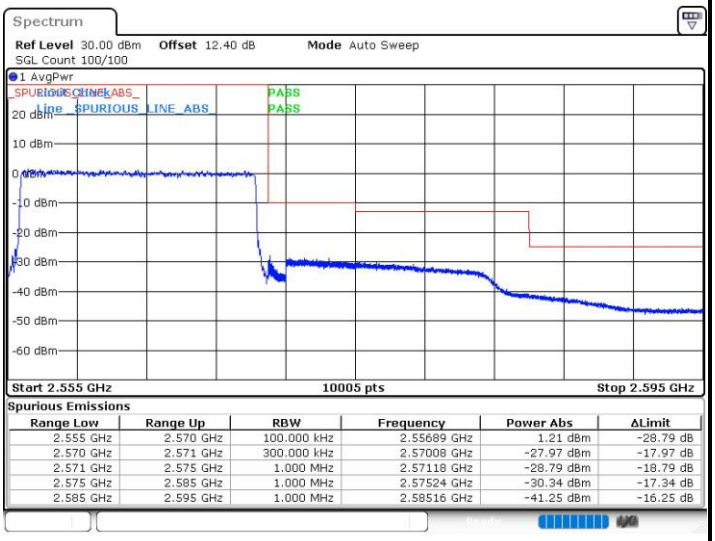


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49026 GHz	-36.72 dBm	-11.72 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49436 GHz	-31.16 dBm	-18.16 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49583 GHz	-38.05 dBm	-25.05 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51251 GHz	0.94 dBm	-29.06 dB

Date: 2.NOV.2018 20:26:30

Highest Band Edge / Full RB



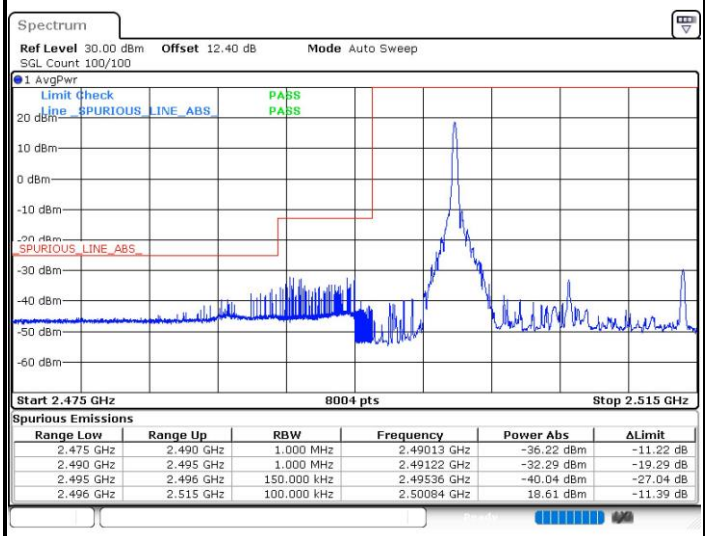
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55689 GHz	1.21 dBm	-28.79 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57008 GHz	-27.97 dBm	-17.97 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-28.79 dBm	-18.79 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57524 GHz	-30.34 dBm	-17.34 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58516 GHz	-41.25 dBm	-16.25 dB

Date: 2.NOV.2018 20:35:55

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

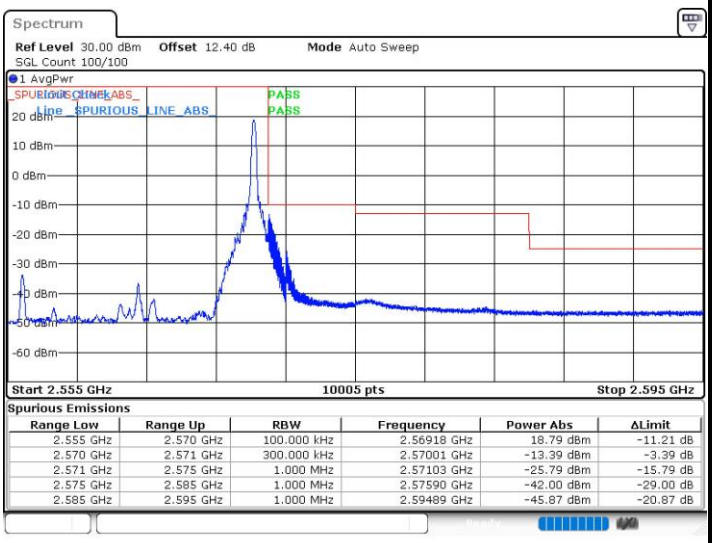


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49013 GHz	-36.22 dBm	-11.22 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49122 GHz	-32.29 dBm	-19.29 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49536 GHz	-40.04 dBm	-27.04 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	18.61 dBm	-11.39 dB

Date: 2.NOV.2018 20:25:30

Highest Band Edge / 1 RB

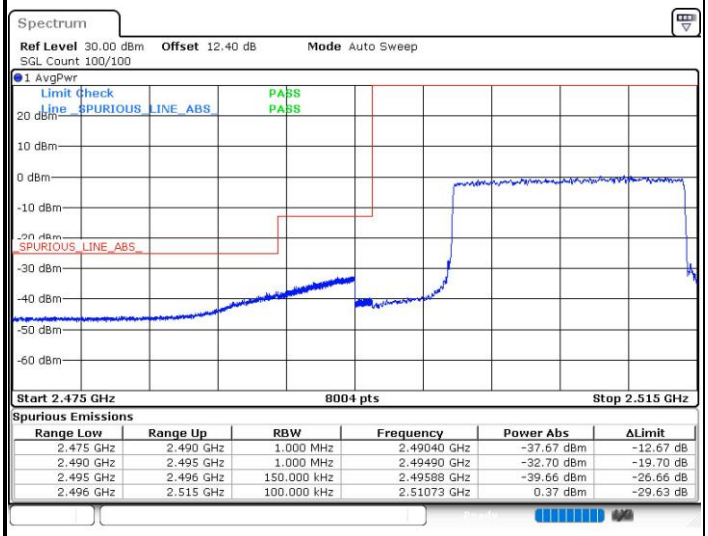


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56918 GHz	18.79 dBm	-11.21 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-13.39 dBm	-3.39 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-25.79 dBm	-15.79 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57590 GHz	-42.00 dBm	-29.00 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59489 GHz	-45.87 dBm	-20.87 dB

Date: 2.NOV.2018 20:34:55

Lowest Band Edge / Full RB

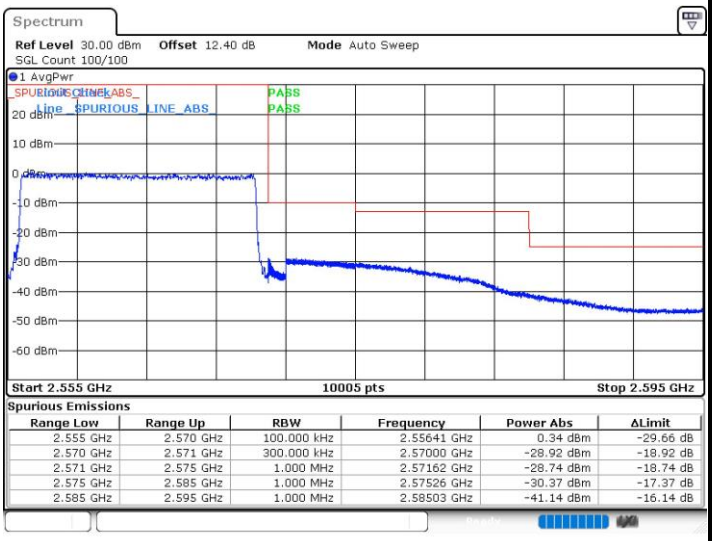


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-37.67 dBm	-12.67 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49490 GHz	-32.70 dBm	-19.70 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49588 GHz	-39.66 dBm	-26.66 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51073 GHz	0.37 dBm	-29.63 dB

Date: 2.NOV.2018 20:27:29

Highest Band Edge / Full RB



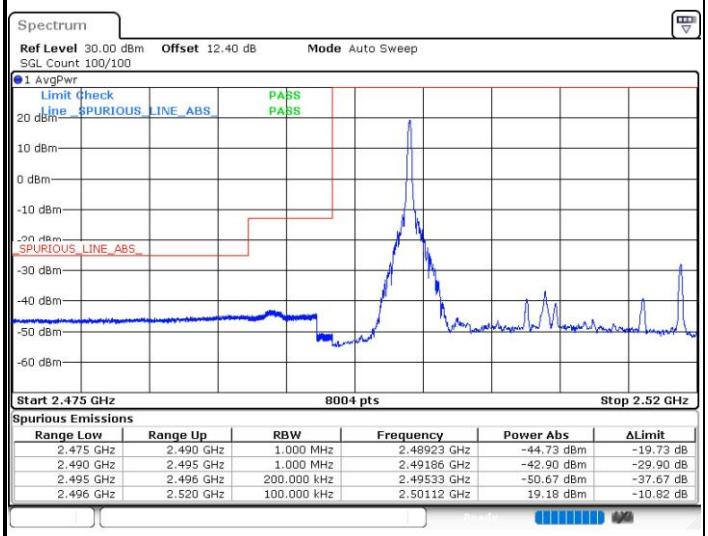
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55641 GHz	0.34 dBm	-29.66 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-28.92 dBm	-18.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57162 GHz	-28.74 dBm	-18.74 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57526 GHz	-30.37 dBm	-17.37 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58503 GHz	-41.14 dBm	-16.14 dB

Date: 2.NOV.2018 20:36:55

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

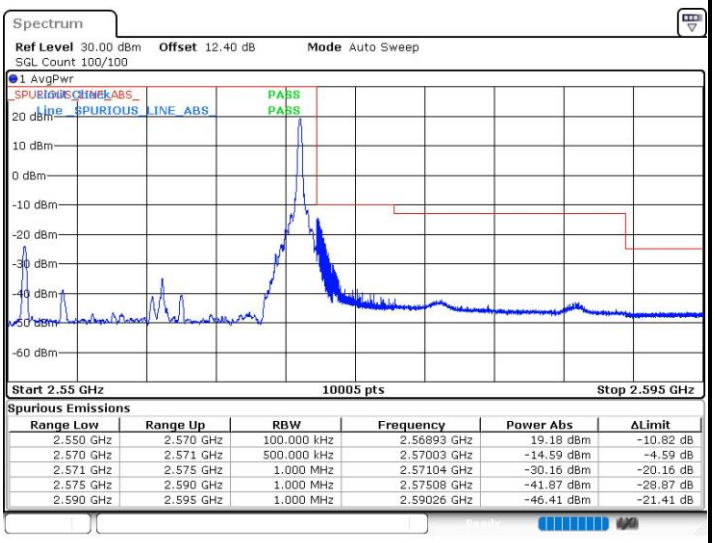


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48923 GHz	-44.73 dBm	-19.73 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49186 GHz	-42.90 dBm	-29.90 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49533 GHz	-50.67 dBm	-37.67 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	19.18 dBm	-10.82 dB

Date: 2.NOV.2018 20:40:37

Highest Band Edge / 1 RB

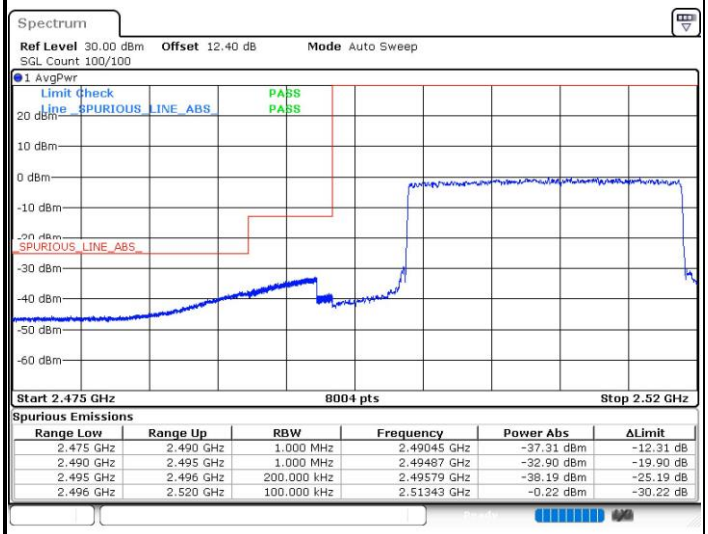


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	19.18 dBm	-10.82 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-14.59 dBm	-4.59 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-30.16 dBm	-20.16 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57508 GHz	-41.87 dBm	-28.87 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59026 GHz	-46.41 dBm	-21.41 dB

Date: 2.NOV.2018 20:50:02

Lowest Band Edge / Full RB

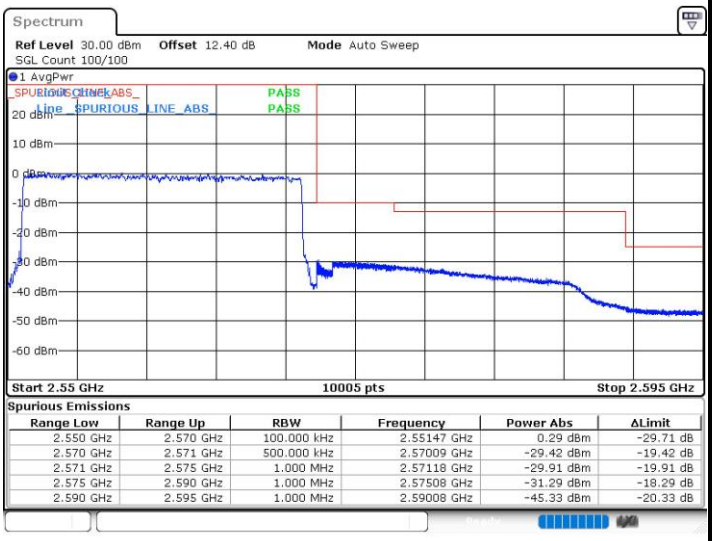


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-37.31 dBm	-12.31 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49487 GHz	-32.90 dBm	-19.90 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49579 GHz	-38.19 dBm	-25.19 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51343 GHz	-0.22 dBm	-30.22 dB

Date: 2.NOV.2018 20:42:37

Highest Band Edge / Full RB



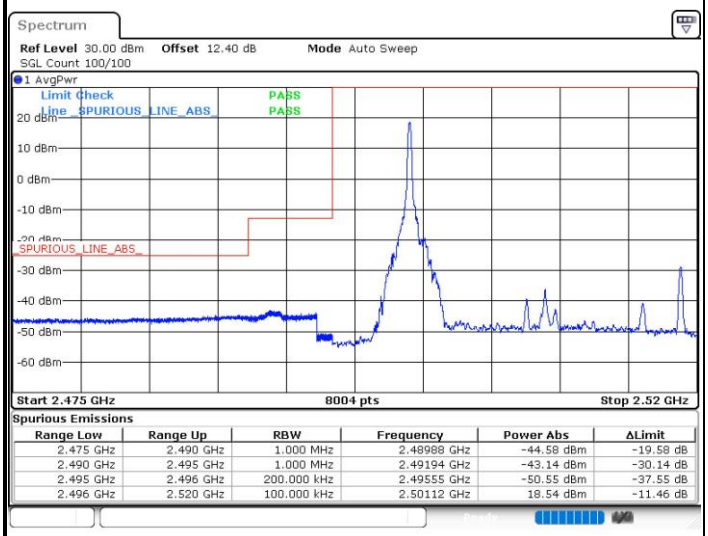
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55147 GHz	0.29 dBm	-29.71 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57009 GHz	-29.42 dBm	-19.42 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-29.91 dBm	-19.91 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57508 GHz	-31.29 dBm	-18.29 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59008 GHz	-45.33 dBm	-20.33 dB

Date: 2.NOV.2018 20:53:02

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

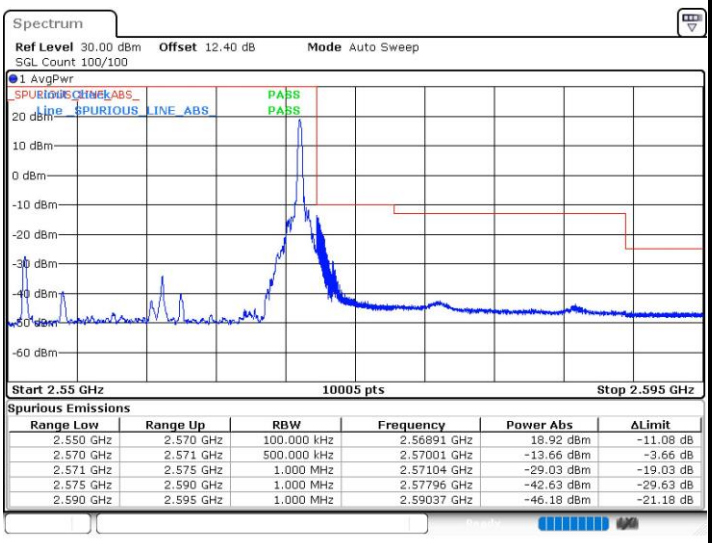


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48988 GHz	-44.58 dBm	-19.58 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49194 GHz	-43.14 dBm	-30.14 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49555 GHz	-50.55 dBm	-37.55 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	18.54 dBm	-11.46 dB

Date: 2.NOV.2018 20:41:37

Highest Band Edge / 1RB

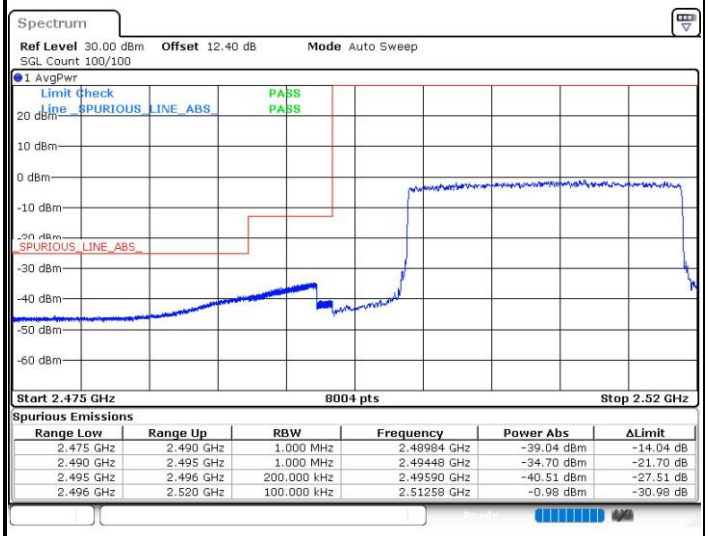


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	18.92 dBm	-11.08 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-13.66 dBm	-3.66 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-29.03 dBm	-19.03 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57796 GHz	-42.63 dBm	-29.63 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59037 GHz	-46.18 dBm	-21.18 dB

Date: 2.NOV.2018 20:51:02

Lowest Band Edge / Full RB

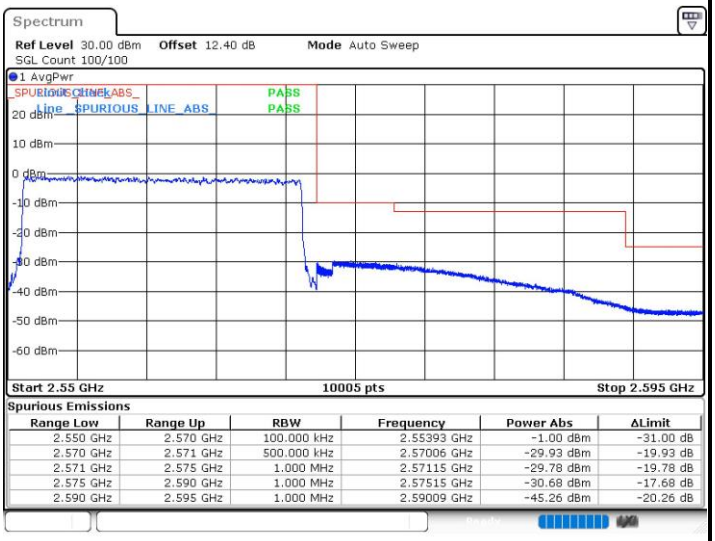


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48984 GHz	-39.04 dBm	-14.04 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49448 GHz	-34.70 dBm	-21.70 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49590 GHz	-40.51 dBm	-27.51 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51258 GHz	-0.98 dBm	-30.98 dB

Date: 2.NOV.2018 20:43:36

Highest Band Edge / Full RB



Spurious Emissions

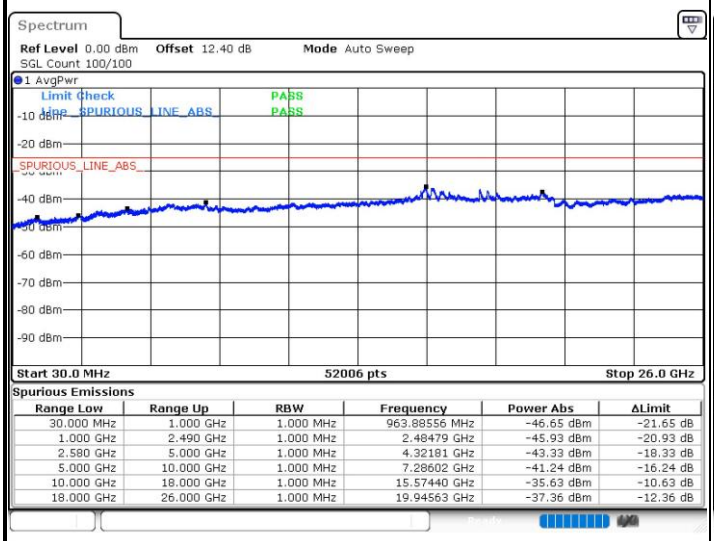
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55393 GHz	-1.00 dBm	-31.00 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57006 GHz	-29.93 dBm	-19.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-29.78 dBm	-19.78 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57515 GHz	-30.68 dBm	-17.68 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59009 GHz	-45.26 dBm	-20.26 dB

Date: 2.NOV.2018 20:52:02

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

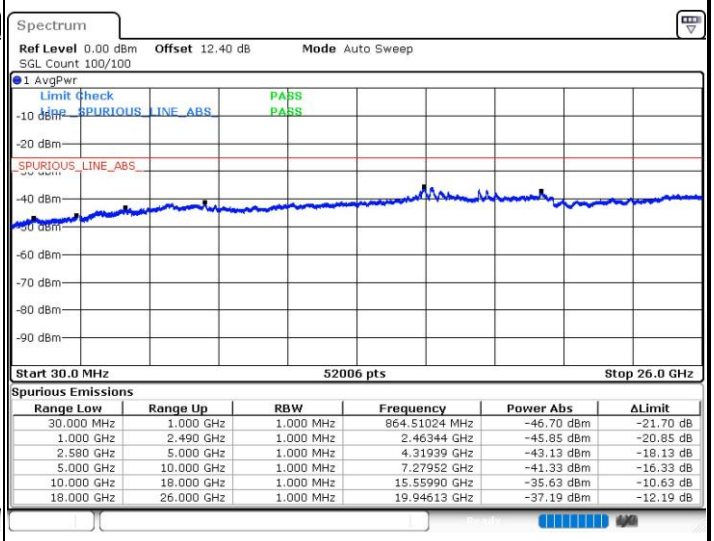


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-46.65 dBm	-21.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-45.93 dBm	-20.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32181 GHz	-43.33 dBm	-18.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28602 GHz	-41.24 dBm	-16.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57440 GHz	-35.63 dBm	-10.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94563 GHz	-37.36 dBm	-12.36 dB

Date: 2.NOV.2018 19:56:12

Lowest Channel / 16QAM

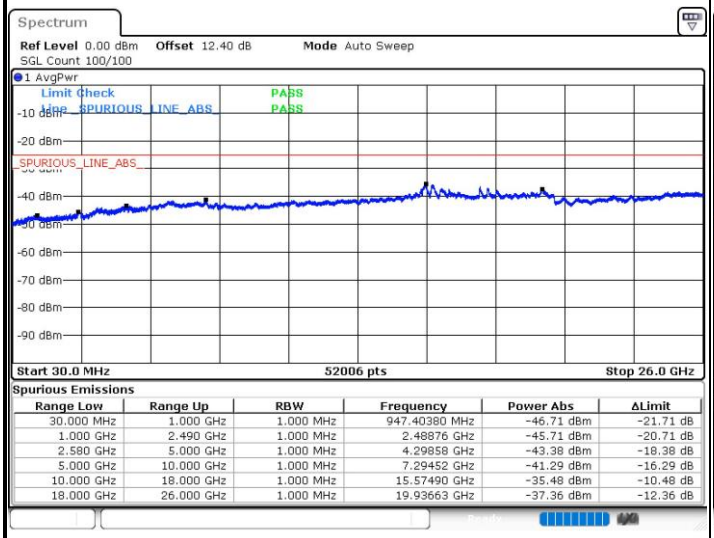


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.51024 MHz	-46.70 dBm	-21.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46344 GHz	-45.85 dBm	-20.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31939 GHz	-43.13 dBm	-18.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.27952 GHz	-41.33 dBm	-16.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.55990 GHz	-35.63 dBm	-10.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94613 GHz	-37.19 dBm	-12.19 dB

Date: 2.NOV.2018 19:57:11

Middle Channel / QPSK

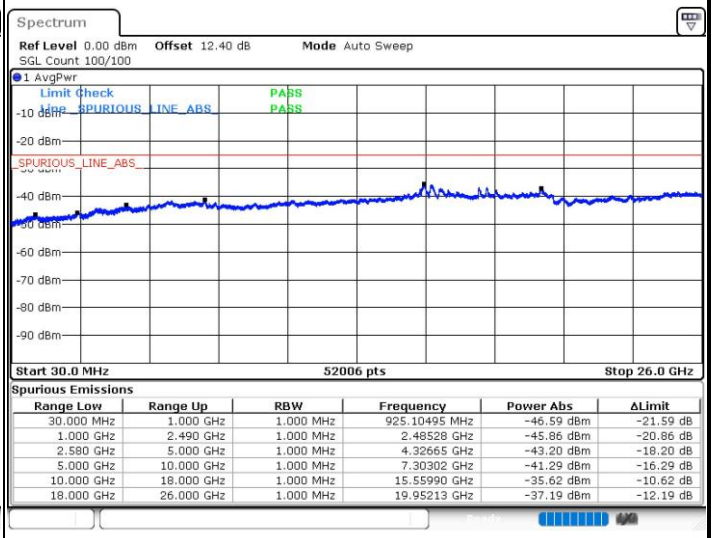


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-46.71 dBm	-21.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-45.71 dBm	-20.71 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29858 GHz	-43.38 dBm	-18.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.29452 GHz	-41.29 dBm	-16.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57490 GHz	-35.48 dBm	-10.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93663 GHz	-37.36 dBm	-12.36 dB

Date: 2.NOV.2018 19:58:56

Middle Channel / 16QAM



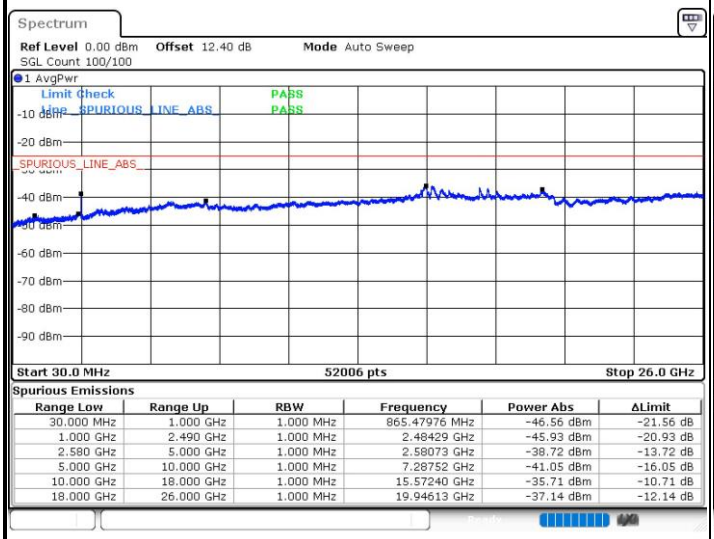
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-46.59 dBm	-21.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-45.86 dBm	-20.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32665 GHz	-43.20 dBm	-18.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.30302 GHz	-41.29 dBm	-16.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.55990 GHz	-35.62 dBm	-10.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95213 GHz	-37.19 dBm	-12.19 dB

Date: 2.NOV.2018 19:59:55

LTE Band 7 / 5MHz

Highest Channel / QPSK

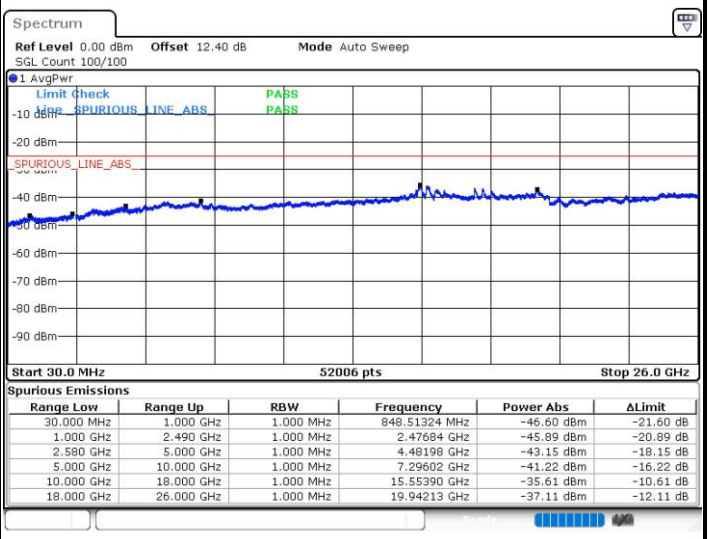


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.47976 MHz	-46.56 dBm	-21.56 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-45.93 dBm	-20.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58073 GHz	-38.72 dBm	-13.72 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28752 GHz	-41.05 dBm	-16.05 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57240 GHz	-35.71 dBm	-10.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94613 GHz	-37.14 dBm	-12.14 dB

Date: 2.NOV.2018 20:05:38

Highest Channel / 16QAM



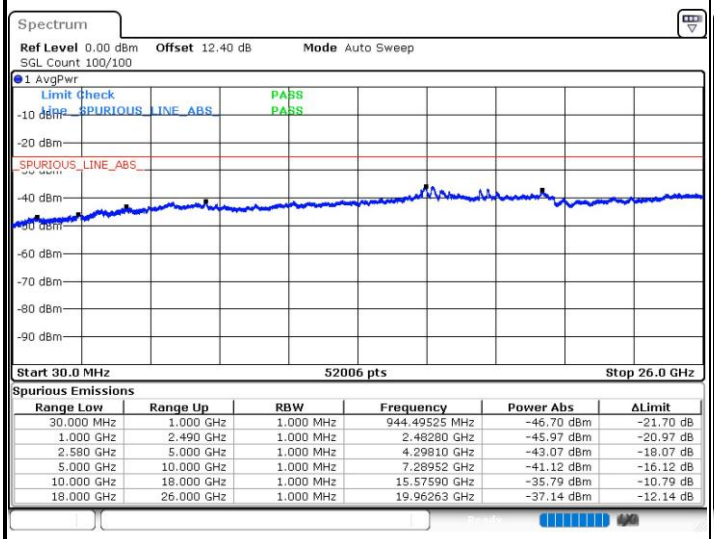
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.51324 MHz	-46.60 dBm	-21.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47684 GHz	-45.89 dBm	-20.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.48198 GHz	-43.15 dBm	-18.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.29602 GHz	-41.22 dBm	-16.22 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.55390 GHz	-35.61 dBm	-10.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94213 GHz	-37.11 dBm	-12.11 dB

Date: 2.NOV.2018 20:06:37

LTE Band 7 / 10MHz

Lowest Channel / QPSK

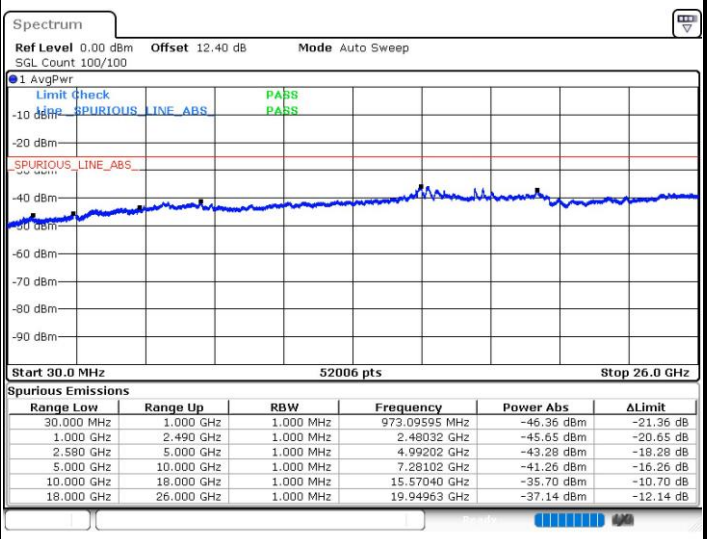


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-46.70 dBm	-21.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-45.97 dBm	-20.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29810 GHz	-43.07 dBm	-18.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28952 GHz	-41.12 dBm	-16.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57590 GHz	-35.79 dBm	-10.79 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.96263 GHz	-37.14 dBm	-12.14 dB

Date: 2.NOV.2018 20:12:20

Lowest Channel / 16QAM



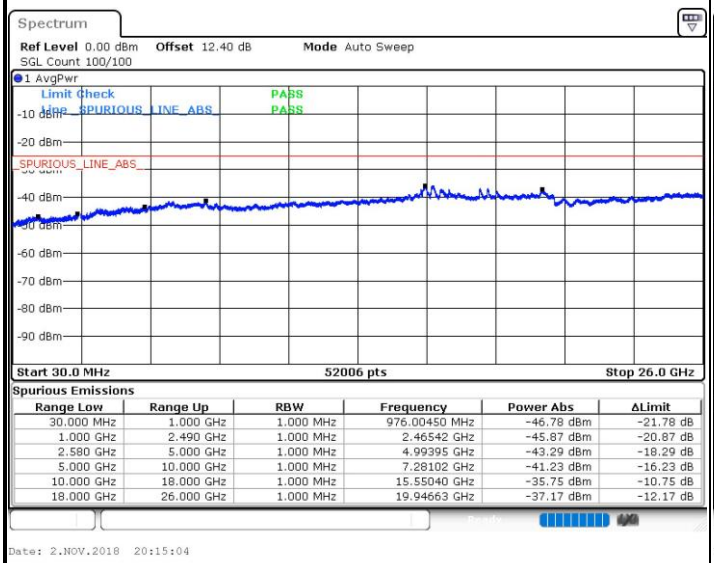
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-46.36 dBm	-21.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48032 GHz	-45.65 dBm	-20.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99202 GHz	-43.28 dBm	-18.28 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28102 GHz	-41.26 dBm	-16.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57040 GHz	-35.70 dBm	-10.70 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94963 GHz	-37.14 dBm	-12.14 dB

Date: 2.NOV.2018 20:13:19

LTE Band 7 / 10MHz

Middle Channel / QPSK

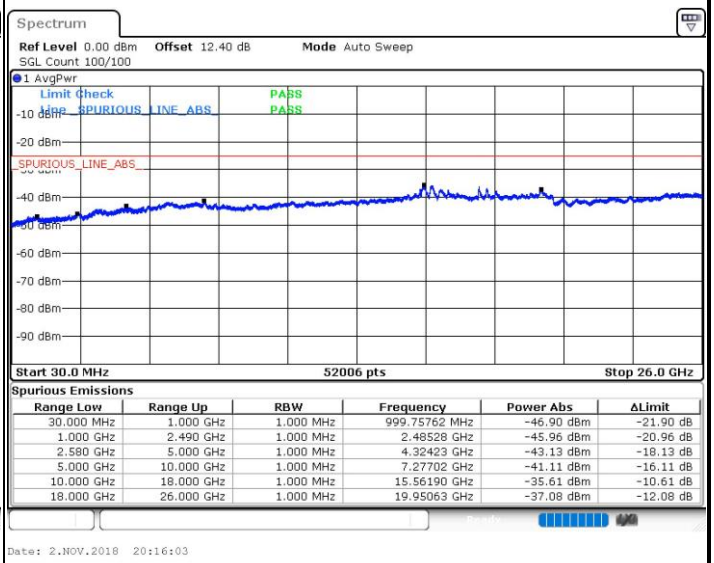


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-46.78 dBm	-21.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46542 GHz	-45.87 dBm	-20.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99395 GHz	-43.29 dBm	-18.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28102 GHz	-41.23 dBm	-16.23 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.55040 GHz	-35.75 dBm	-10.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94663 GHz	-37.17 dBm	-12.17 dB

Date: 2.NOV.2018 20:15:04

Middle Channel / 16QAM

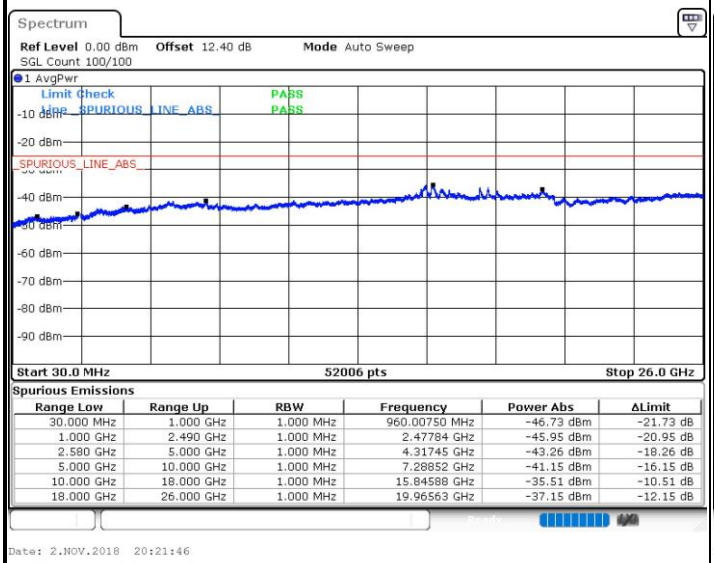


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-46.90 dBm	-21.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-45.96 dBm	-20.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32423 GHz	-43.13 dBm	-18.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.27702 GHz	-41.11 dBm	-16.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.56190 GHz	-35.61 dBm	-10.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95063 GHz	-37.08 dBm	-12.08 dB

Date: 2.NOV.2018 20:16:03

Highest Channel / QPSK

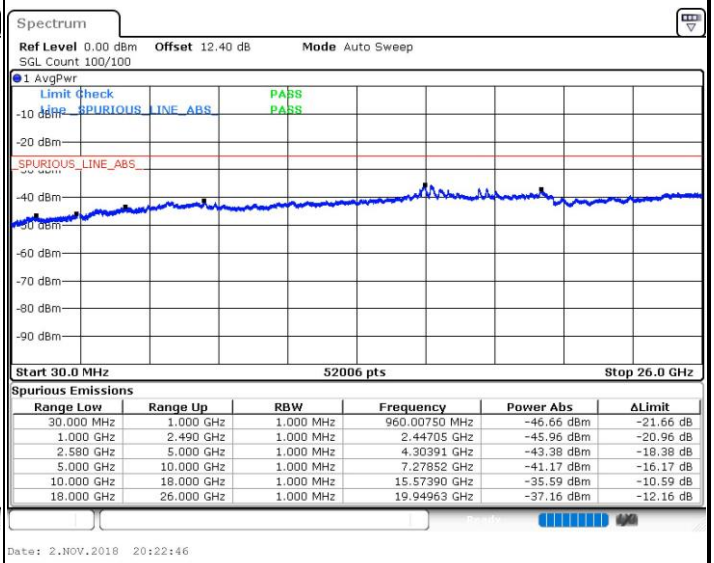


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-46.73 dBm	-21.73 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47784 GHz	-45.95 dBm	-20.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31745 GHz	-43.26 dBm	-18.26 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28852 GHz	-41.15 dBm	-16.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.84588 GHz	-35.51 dBm	-10.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.96563 GHz	-37.15 dBm	-12.15 dB

Date: 2.NOV.2018 20:21:46

Highest Channel / 16QAM



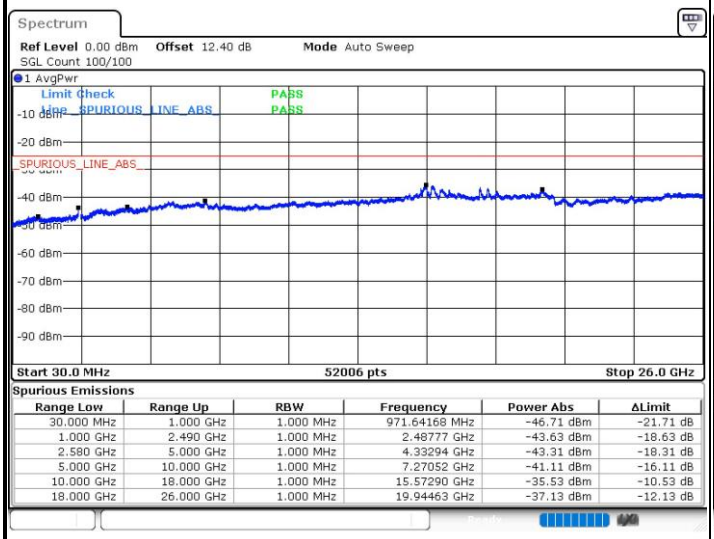
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-46.66 dBm	-21.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44705 GHz	-45.96 dBm	-20.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30391 GHz	-43.38 dBm	-18.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.27852 GHz	-41.17 dBm	-16.17 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57390 GHz	-35.59 dBm	-10.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94963 GHz	-37.16 dBm	-12.16 dB

Date: 2.NOV.2018 20:22:46

LTE Band 7 / 15MHz

Lowest Channel / QPSK

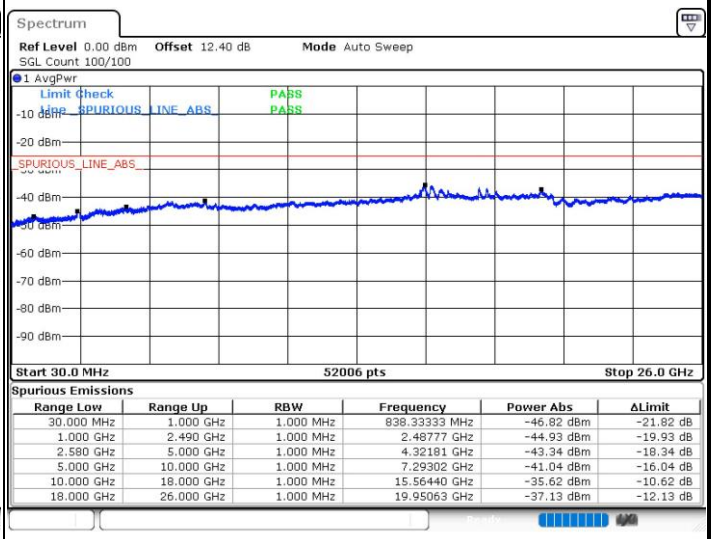


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.64168 MHz	-46.71 dBm	-21.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-43.63 dBm	-18.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33294 GHz	-43.31 dBm	-18.31 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.27052 GHz	-41.11 dBm	-16.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57290 GHz	-35.53 dBm	-10.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94463 GHz	-37.13 dBm	-12.13 dB

Date: 2.NOV.2018 20:28:28

Lowest Channel / 16QAM

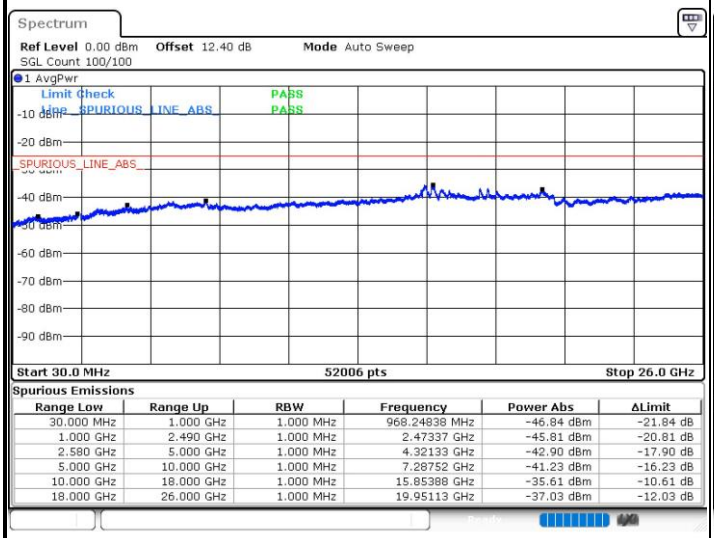


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	838.33333 MHz	-46.82 dBm	-21.82 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-44.93 dBm	-19.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32181 GHz	-43.34 dBm	-18.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.29302 GHz	-41.04 dBm	-16.04 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.56440 GHz	-35.62 dBm	-10.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95063 GHz	-37.13 dBm	-12.13 dB

Date: 2.NOV.2018 20:29:27

Middle Channel / QPSK

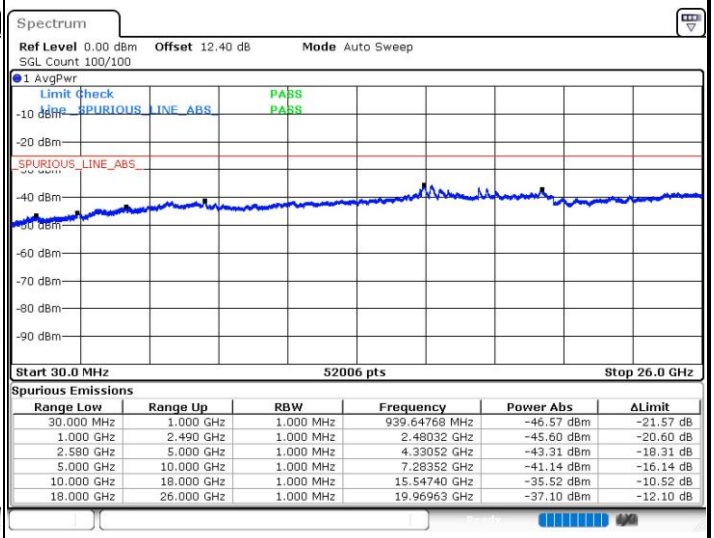


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.24838 MHz	-46.84 dBm	-21.84 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47337 GHz	-45.81 dBm	-20.81 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32133 GHz	-42.90 dBm	-17.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28752 GHz	-41.23 dBm	-16.23 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.85388 GHz	-35.61 dBm	-10.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95113 GHz	-37.03 dBm	-12.03 dB

Date: 2.NOV.2018 20:31:12

Middle Channel / 16QAM



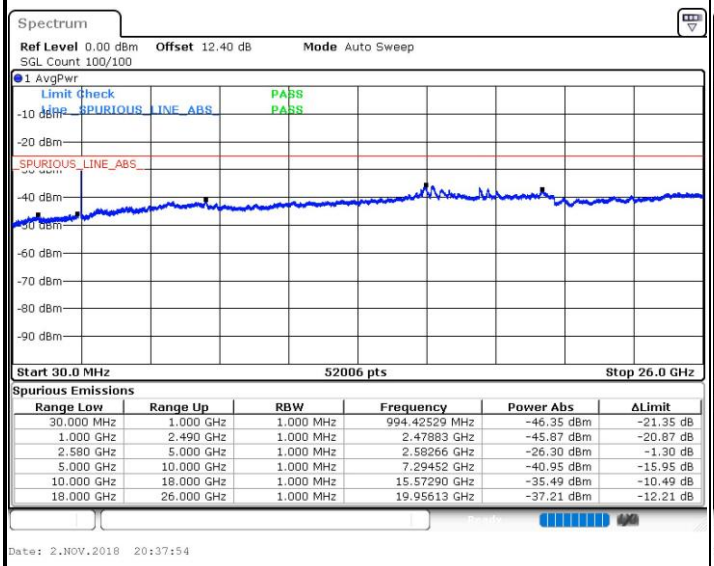
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-46.57 dBm	-21.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48032 GHz	-45.60 dBm	-20.60 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33052 GHz	-43.31 dBm	-18.31 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28352 GHz	-41.14 dBm	-16.14 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.54740 GHz	-35.52 dBm	-10.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.96963 GHz	-37.10 dBm	-12.10 dB

Date: 2.NOV.2018 20:32:11

LTE Band7 / 15MHz

Highest Channel / QPSK

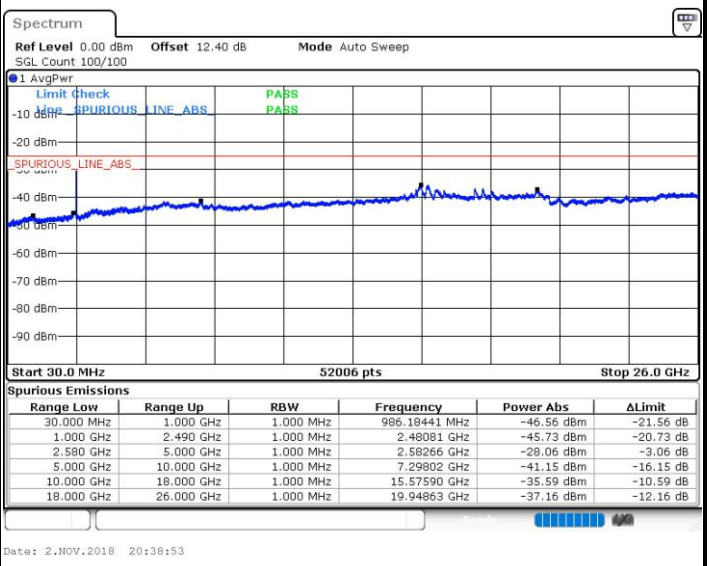


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-46.35 dBm	-21.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47883 GHz	-45.87 dBm	-20.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-26.30 dBm	-1.30 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.29452 GHz	-40.95 dBm	-15.95 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57290 GHz	-35.49 dBm	-10.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95613 GHz	-37.21 dBm	-12.21 dB

Date: 2.NOV.2018 20:37:54

Highest Channel / 16QAM



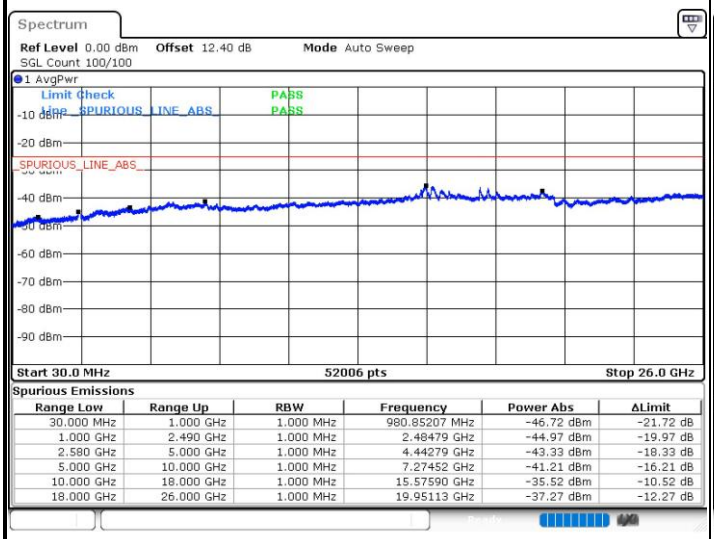
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-46.56 dBm	-21.56 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48081 GHz	-45.73 dBm	-20.73 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-28.06 dBm	-3.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.29802 GHz	-41.15 dBm	-16.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57590 GHz	-35.59 dBm	-10.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94863 GHz	-37.16 dBm	-12.16 dB

Date: 2.NOV.2018 20:38:53

LTE Band 7 / 20MHz

Lowest Channel / QPSK

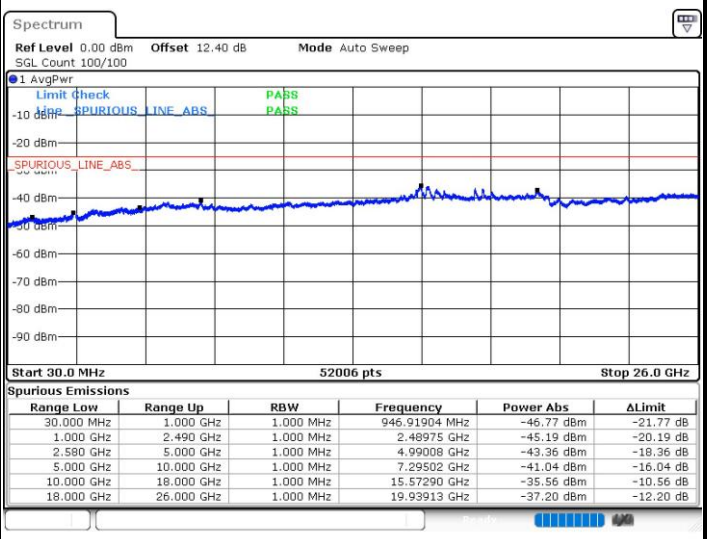


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-46.72 dBm	-21.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-44.97 dBm	-19.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.44279 GHz	-43.33 dBm	-18.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.27452 GHz	-41.21 dBm	-16.21 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57590 GHz	-35.52 dBm	-10.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95113 GHz	-37.27 dBm	-12.27 dB

Date: 2.NOV.2018 20:44:36

Lowest Channel / 16QAM



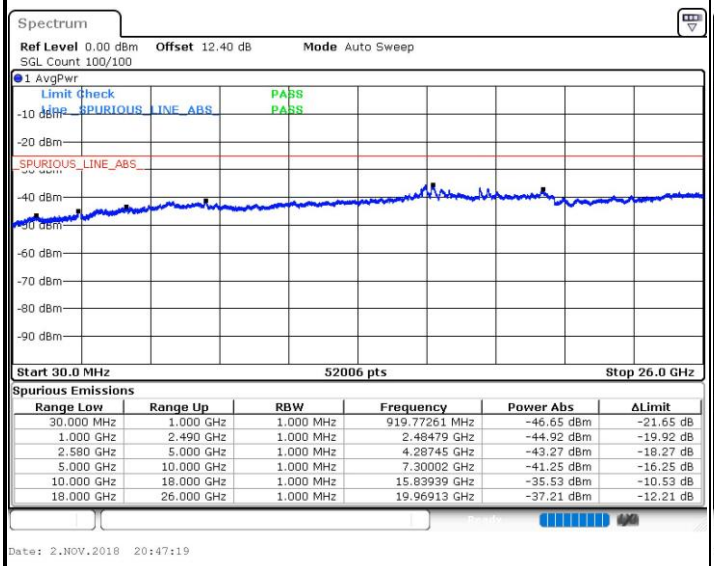
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-46.77 dBm	-21.77 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-45.19 dBm	-20.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99008 GHz	-43.36 dBm	-18.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.29502 GHz	-41.04 dBm	-16.04 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57290 GHz	-35.56 dBm	-10.56 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93913 GHz	-37.20 dBm	-12.20 dB

Date: 2.NOV.2018 20:45:35

LTE Band 7 / 20MHz

Middle Channel / QPSK

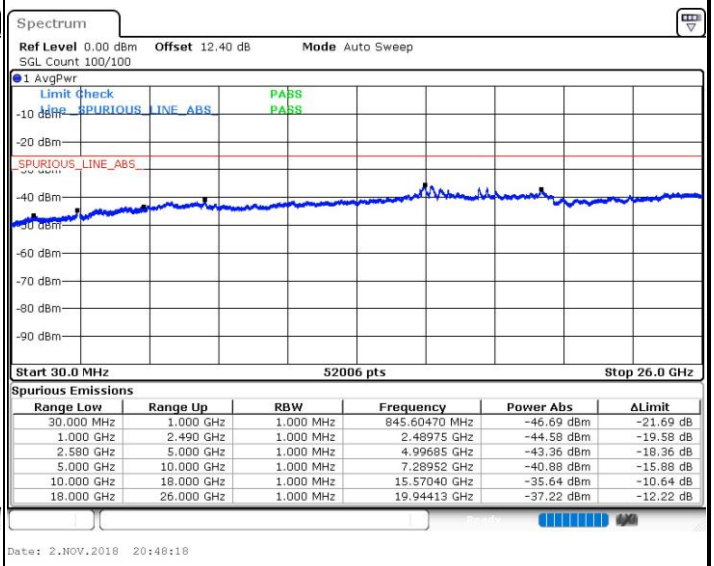


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-46.65 dBm	-21.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-44.92 dBm	-19.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.28745 GHz	-43.27 dBm	-18.27 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.30002 GHz	-41.25 dBm	-16.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.83939 GHz	-35.53 dBm	-10.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.96913 GHz	-37.21 dBm	-12.21 dB

Date: 2.NOV.2018 20:47:19

Middle Channel / 16QAM

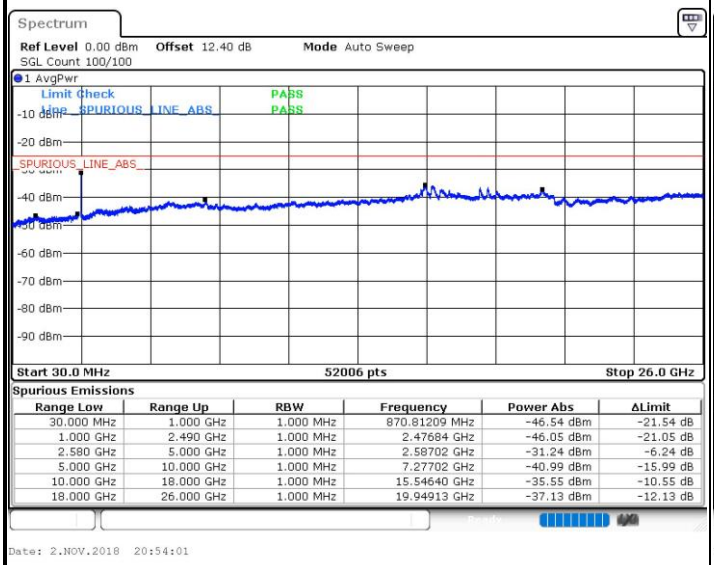


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	845.60470 MHz	-46.69 dBm	-21.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-44.58 dBm	-19.58 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99685 GHz	-43.36 dBm	-18.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28952 GHz	-40.88 dBm	-15.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57040 GHz	-35.64 dBm	-10.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94413 GHz	-37.22 dBm	-12.22 dB

Date: 2.NOV.2018 20:48:18

Highest Channel / QPSK

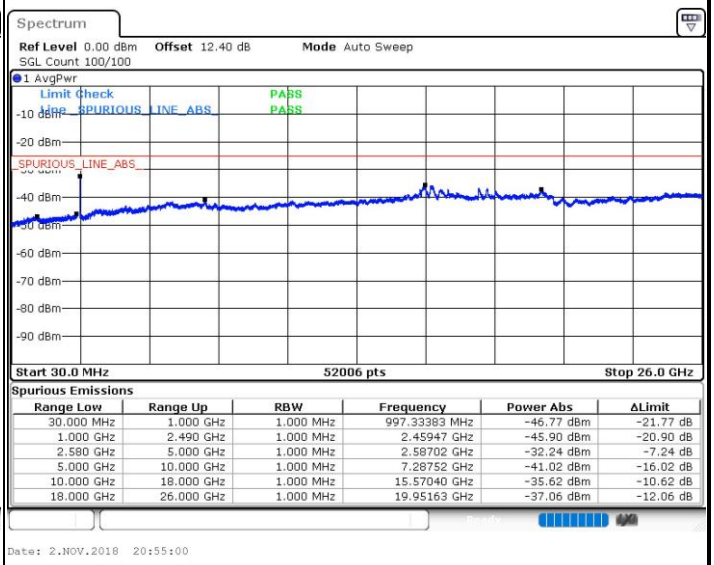


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.81209 MHz	-46.54 dBm	-21.54 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47684 GHz	-46.05 dBm	-21.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-31.24 dBm	-6.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.27702 GHz	-40.99 dBm	-15.99 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.54640 GHz	-35.55 dBm	-10.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94913 GHz	-37.13 dBm	-12.13 dB

Date: 2.NOV.2018 20:54:01

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-46.77 dBm	-21.77 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45947 GHz	-45.90 dBm	-20.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-32.24 dBm	-7.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.28752 GHz	-41.02 dBm	-16.02 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.57040 GHz	-35.62 dBm	-10.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95163 GHz	-37.06 dBm	-12.06 dB

Date: 2.NOV.2018 20:55:00

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0047	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

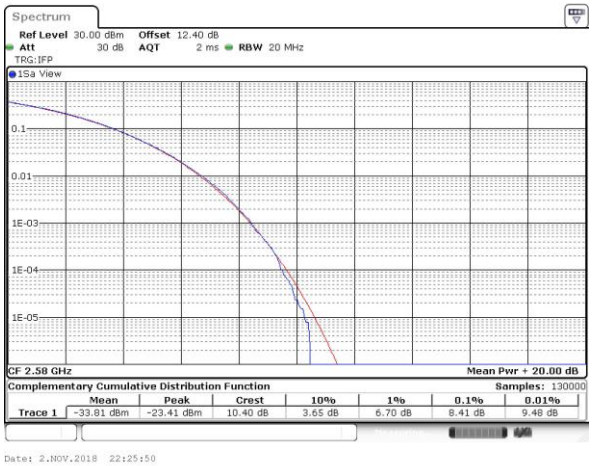
LTE Band 38

Peak-to-Average Ratio

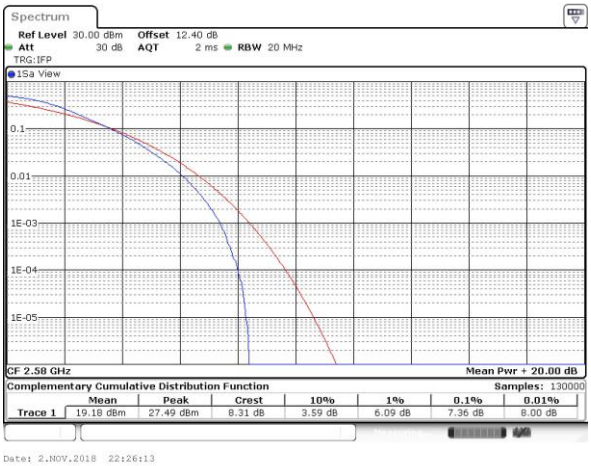
Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	8.41	7.36	8.03	7.62	PASS
Middle CH	7.30	6.06	8.32	7.39	
Highest CH	10.03	8.09	6.58	8.55	

LTE Band 38 / 20MHz / QPSK

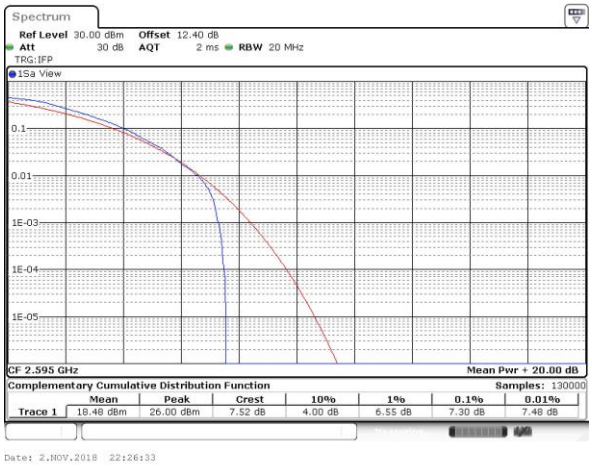
Lowest Channel / 1RB



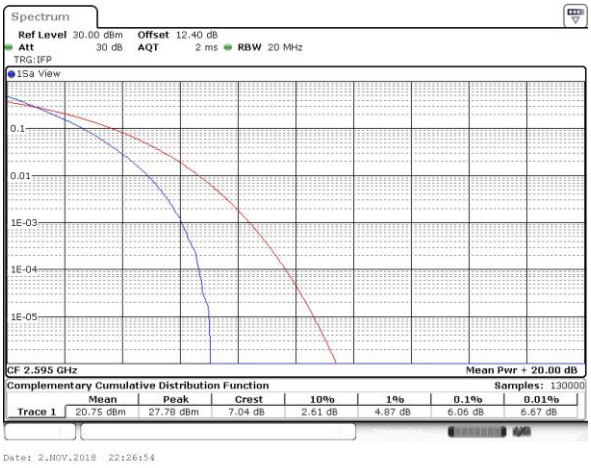
Lowest Channel / Full RB



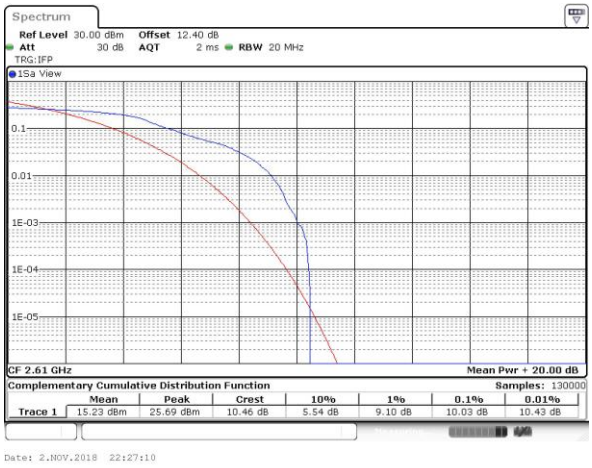
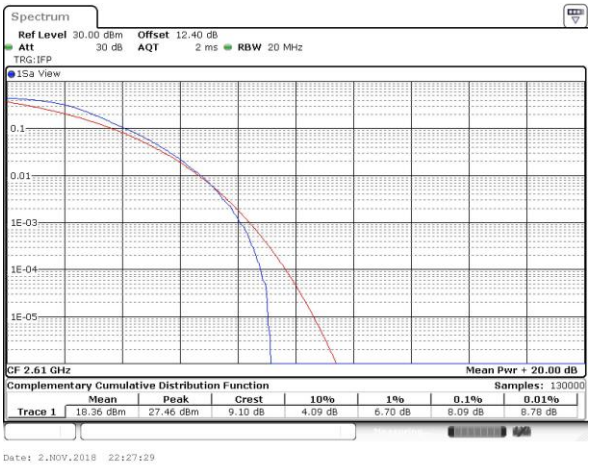
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB