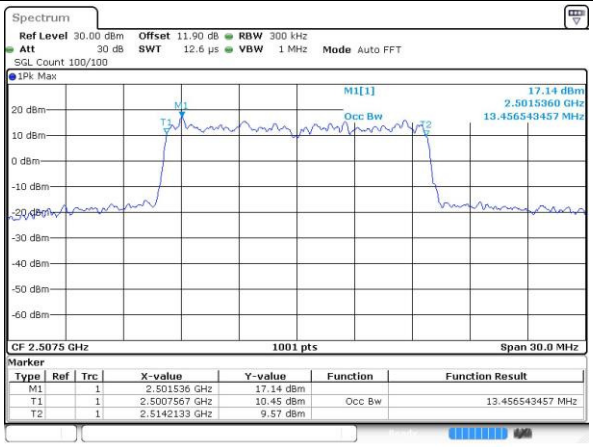
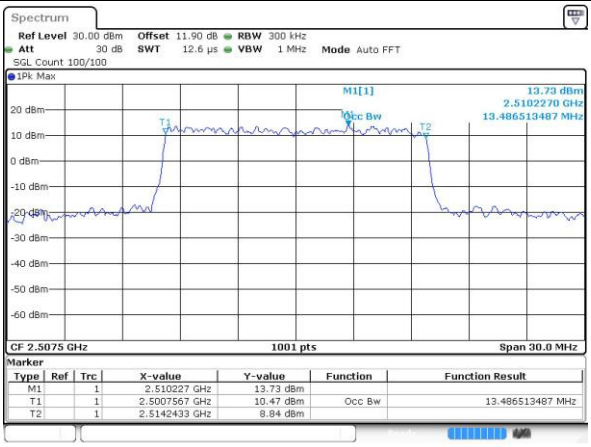
LTE Band 7

Lowest Channel / 15MHz / QPSK



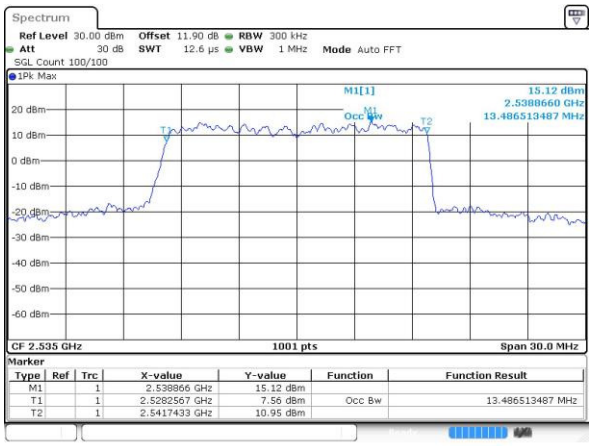
Date: 6.FEB.2017 16:09:01

Lowest Channel / 15MHz / 16QAM



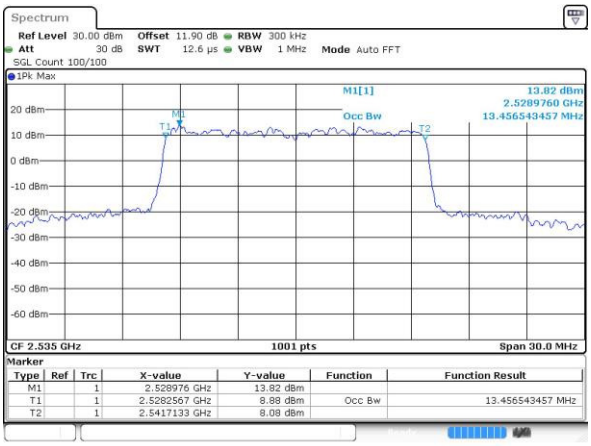
Date: 6.FEB.2017 16:09:11

Middle Channel / 15MHz / QPSK



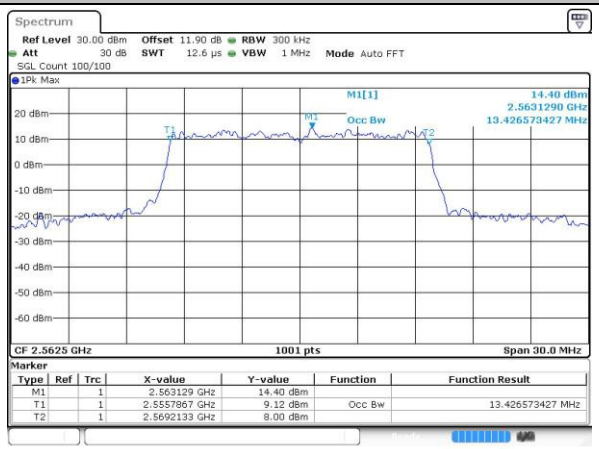
Date: 6.FEB.2017 16:16:09

Middle Channel / 15MHz / 16QAM



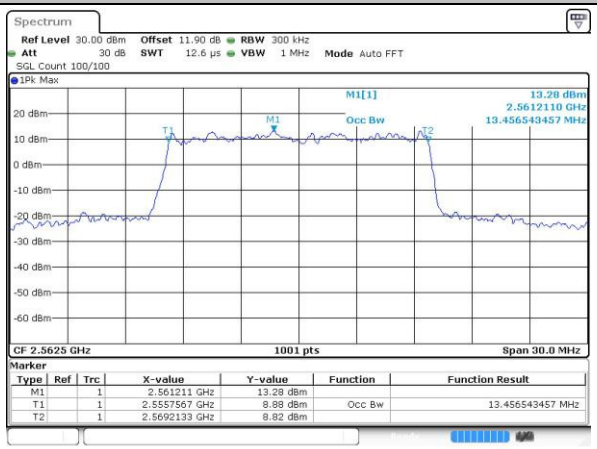
Date: 6.FEB.2017 16:16:19

Highest Channel / 15MHz / QPSK



Date: 6.FEB.2017 16:18:38

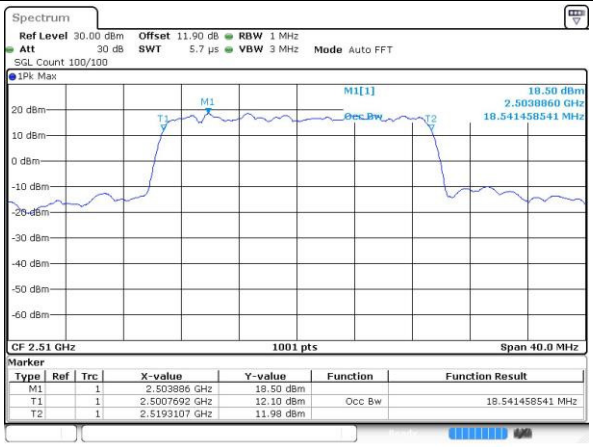
Highest Channel / 15MHz / 16QAM



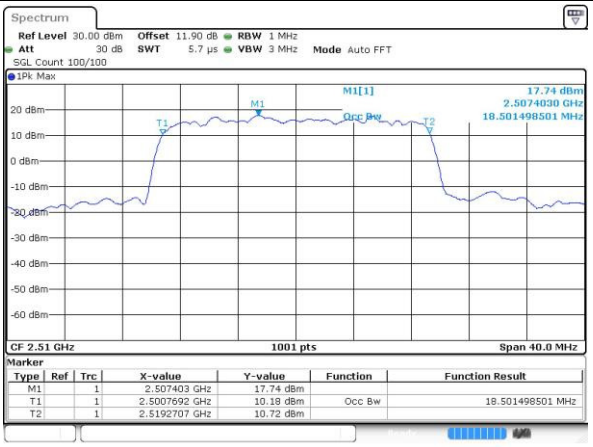
Date: 6.FEB.2017 16:18:48

LTE Band 7

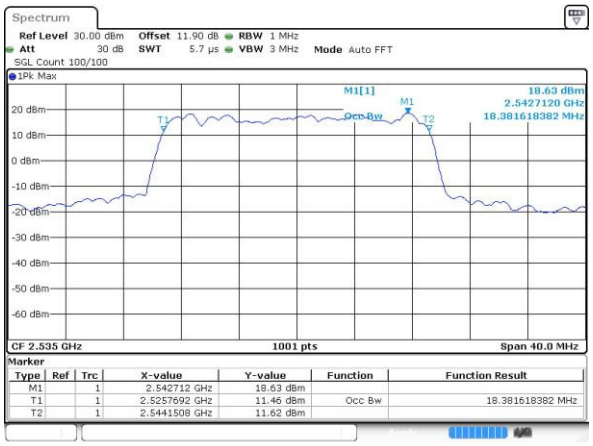
Lowest Channel / 20MHz / QPSK



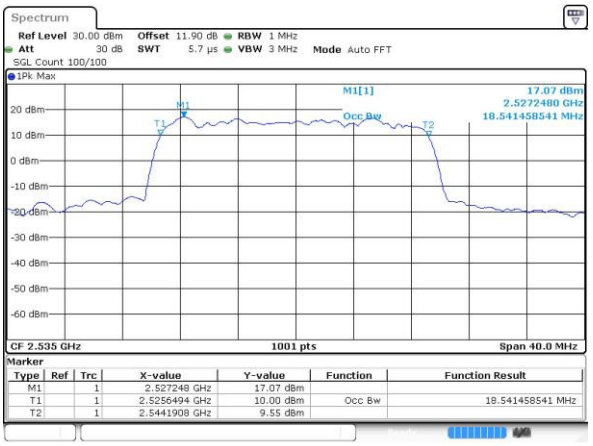
Lowest Channel / 20MHz / 16QAM



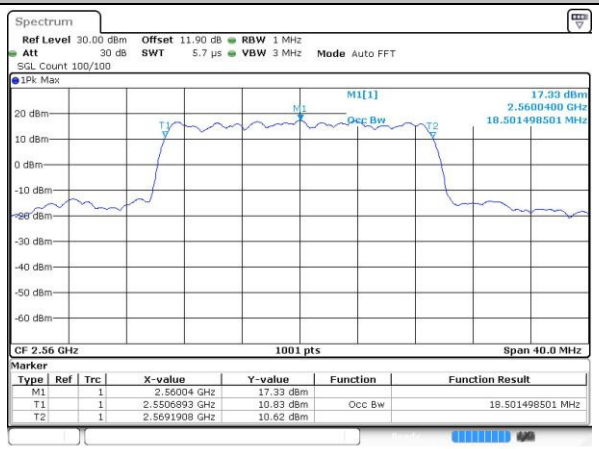
Middle Channel / 20MHz / QPSK



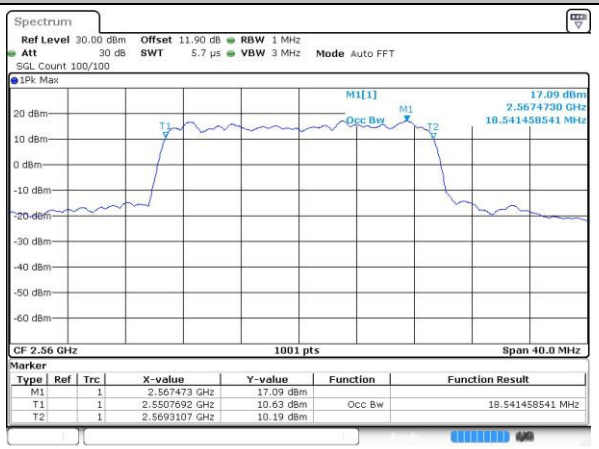
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



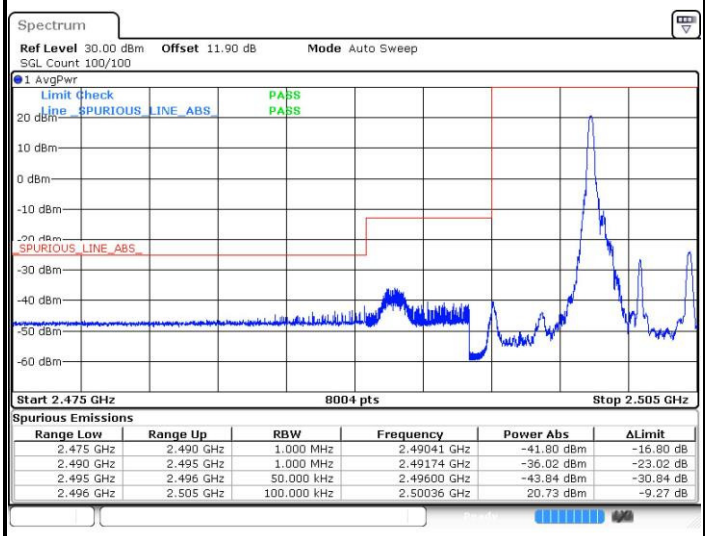
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

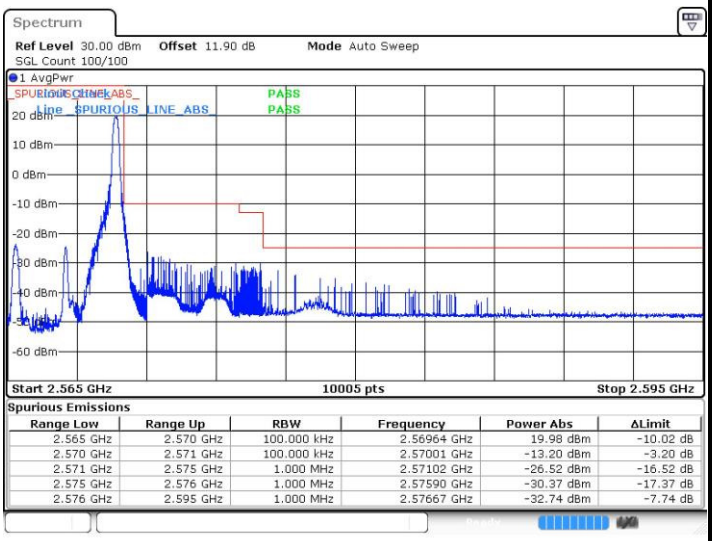


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-41.80 dBm	-16.80 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49174 GHz	-36.02 dBm	-23.02 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-43.84 dBm	-30.84 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50036 GHz	20.73 dBm	-9.27 dB

Date: 6.FEB.2017 15:37:10

Highest Band Edge / 1 RB

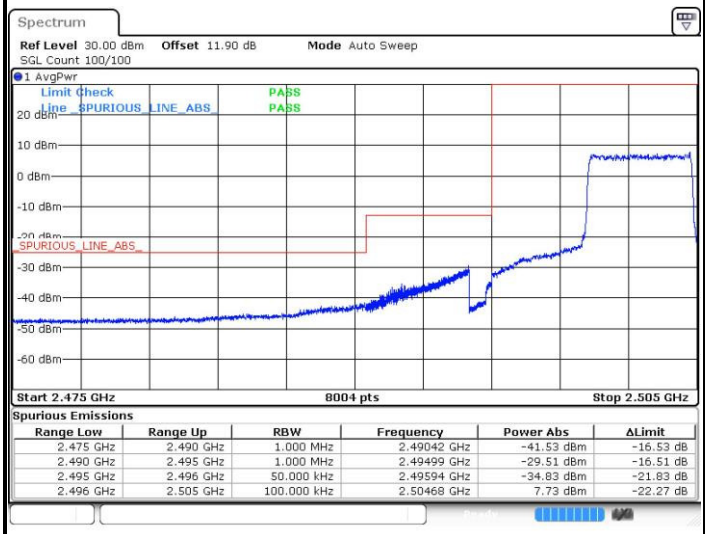


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56964 GHz	19.98 dBm	-10.02 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-13.20 dBm	-3.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-26.52 dBm	-16.52 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57590 GHz	-30.37 dBm	-17.37 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57667 GHz	-32.74 dBm	-7.74 dB

Date: 6.FEB.2017 15:46:48

Lowest Band Edge / Full RB

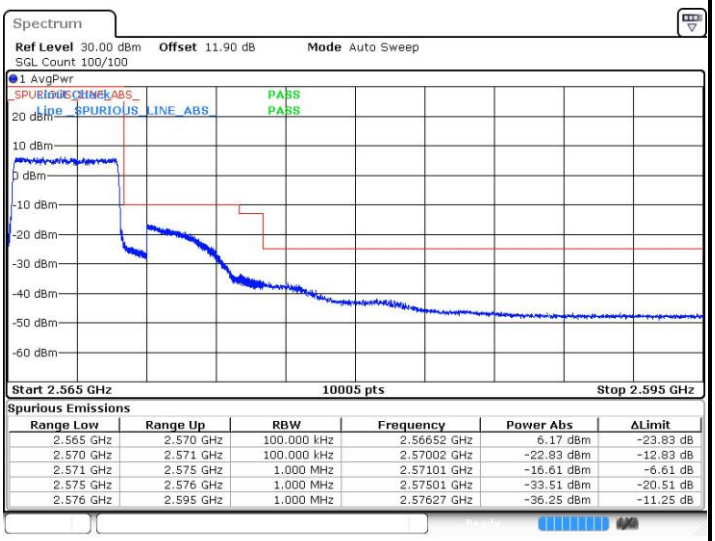


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-41.53 dBm	-16.53 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-29.51 dBm	-16.51 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49594 GHz	-34.83 dBm	-21.83 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50468 GHz	7.73 dBm	-22.27 dB

Date: 6.FEB.2017 15:39:30

Highest Band Edge / Full RB



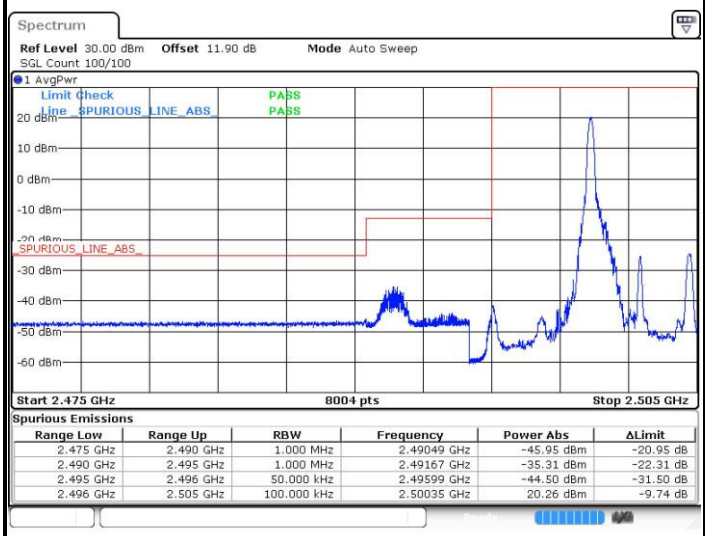
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56652 GHz	6.17 dBm	-23.83 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-22.83 dBm	-12.83 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-16.61 dBm	-6.61 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-33.51 dBm	-20.51 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57627 GHz	-36.25 dBm	-11.25 dB

Date: 6.FEB.2017 15:49:08

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

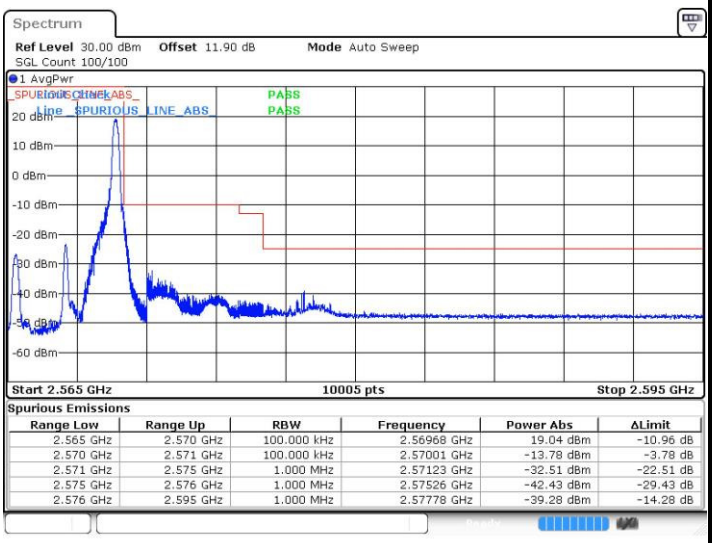


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-45.95 dBm	-20.95 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49167 GHz	-35.31 dBm	-22.31 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-44.50 dBm	-31.50 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50035 GHz	20.26 dBm	-9.74 dB

Date: 6.FEB.2017 15:38:20

Highest Band Edge / 1 RB

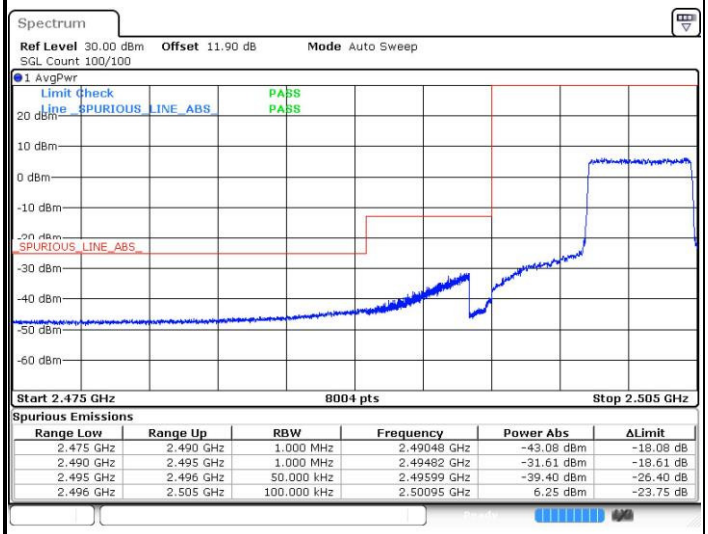


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	19.04 dBm	-10.96 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-13.78 dBm	-3.78 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57123 GHz	-32.51 dBm	-22.51 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57526 GHz	-42.43 dBm	-29.43 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57778 GHz	-39.28 dBm	-14.28 dB

Date: 6.FEB.2017 15:47:58

Lowest Band Edge / Full RB

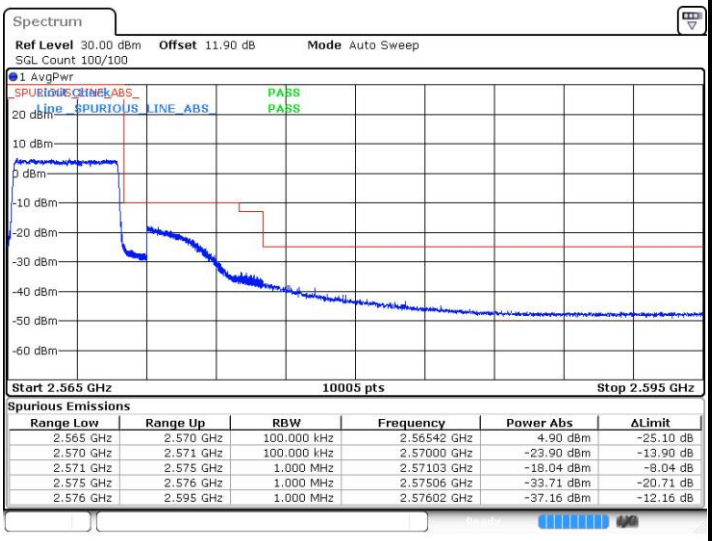


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-43.08 dBm	-18.08 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49482 GHz	-31.61 dBm	-18.61 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-39.40 dBm	-26.40 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50095 GHz	6.25 dBm	-23.75 dB

Date: 6.FEB.2017 15:40:40

Highest Band Edge / Full RB



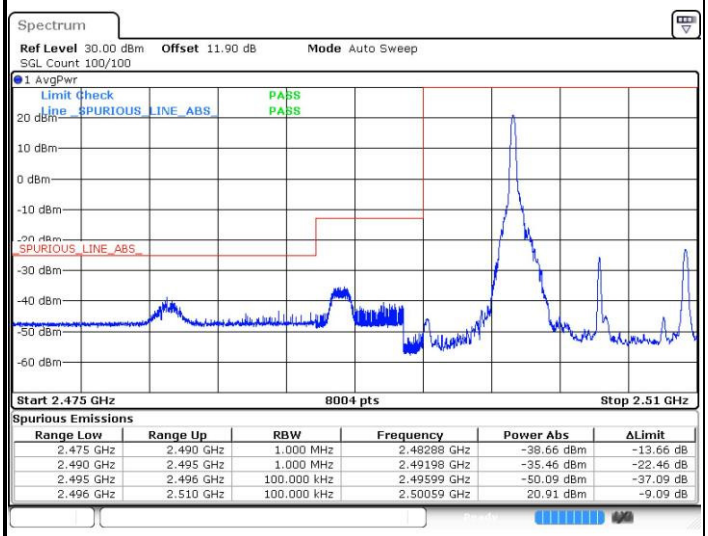
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56542 GHz	4.90 dBm	-25.10 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-23.90 dBm	-13.90 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-18.04 dBm	-8.04 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57506 GHz	-33.71 dBm	-20.71 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57602 GHz	-37.16 dBm	-12.16 dB

Date: 6.FEB.2017 15:50:18

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

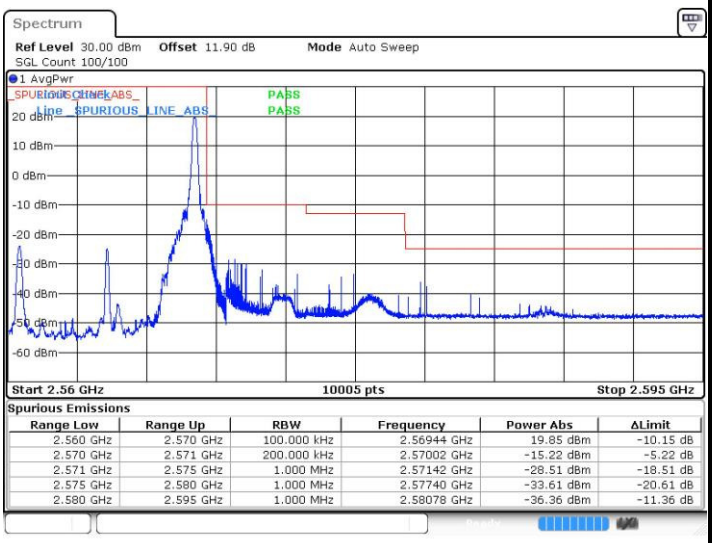


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48288 GHz	-38.66 dBm	-13.66 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49198 GHz	-35.46 dBm	-22.46 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-50.09 dBm	-37.09 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	20.91 dBm	-9.09 dB

Date: 6.FEB.2017 15:53:57

Highest Band Edge / 1 RB

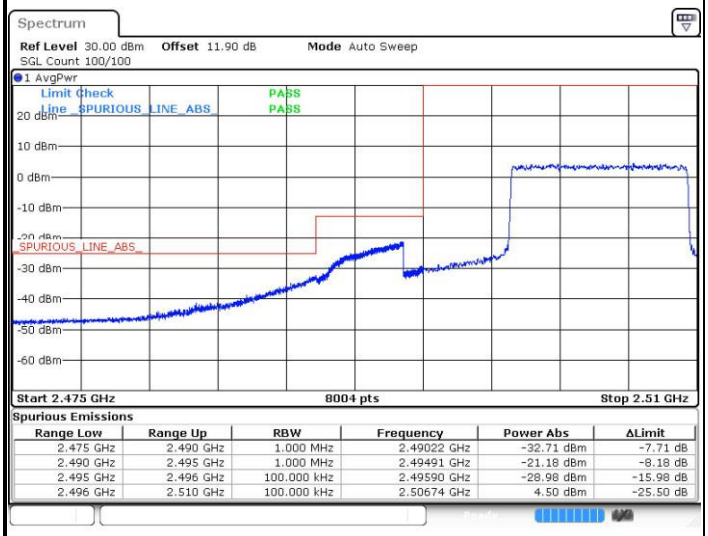


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56944 GHz	19.85 dBm	-10.15 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-15.22 dBm	-5.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57142 GHz	-28.51 dBm	-18.51 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57740 GHz	-33.61 dBm	-20.61 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58078 GHz	-36.36 dBm	-11.36 dB

Date: 6.FEB.2017 16:03:33

Lowest Band Edge / Full RB

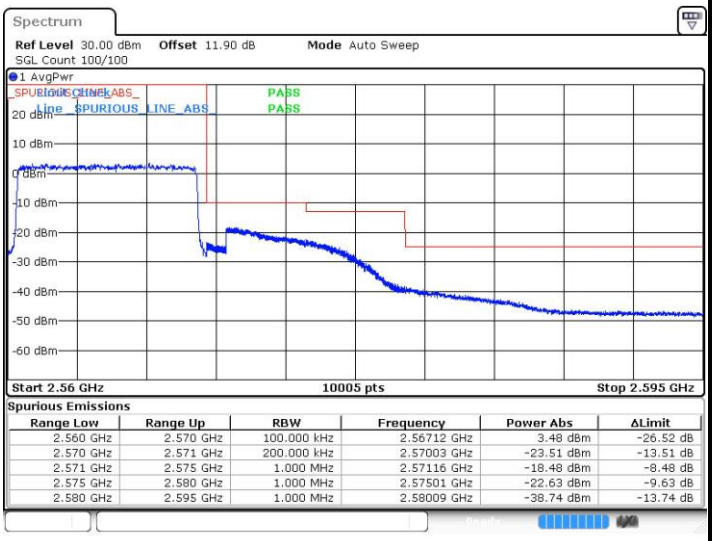


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49022 GHz	-32.71 dBm	-7.71 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49491 GHz	-21.18 dBm	-8.18 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49590 GHz	-28.98 dBm	-15.98 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50674 GHz	4.50 dBm	-25.50 dB

Date: 6.FEB.2017 15:56:16

Highest Band Edge / Full RB



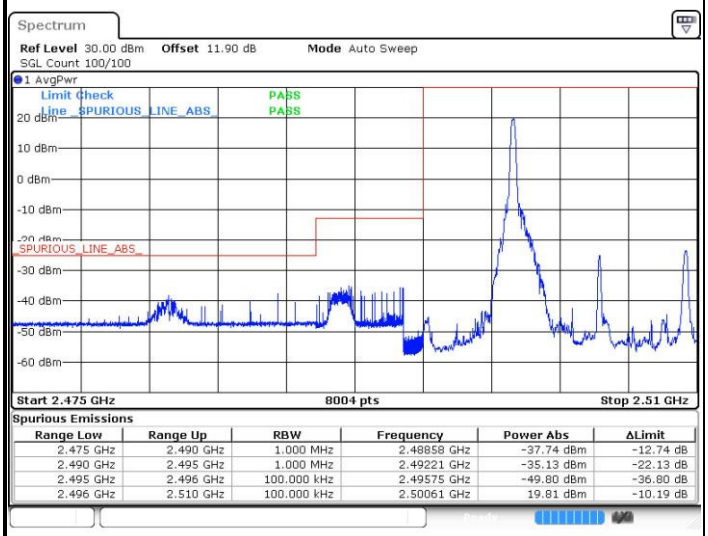
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56712 GHz	3.48 dBm	-26.52 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-23.51 dBm	-13.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57116 GHz	-18.48 dBm	-8.48 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57501 GHz	-22.63 dBm	-9.63 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58009 GHz	-38.74 dBm	-13.74 dB

Date: 6.FEB.2017 16:05:53

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

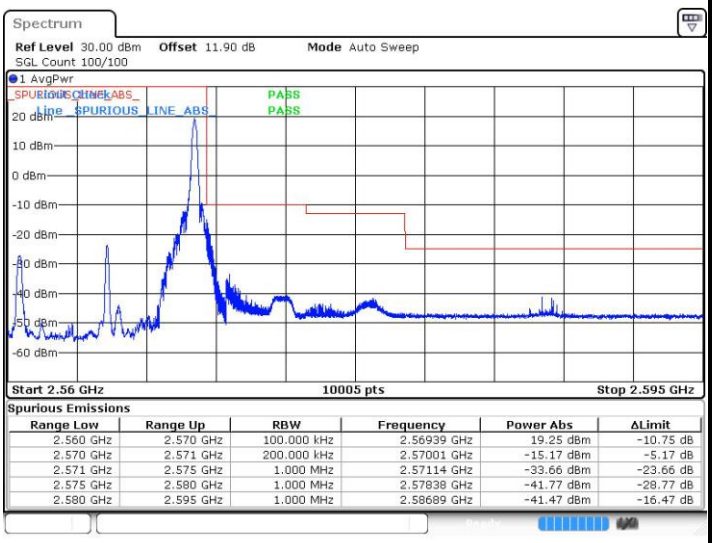


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48858 GHz	-37.74 dBm	-12.74 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49221 GHz	-35.13 dBm	-22.13 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49575 GHz	-49.80 dBm	-36.80 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50061 GHz	19.81 dBm	-10.19 dB

Date: 6.FEB.2017 15:55:06

Highest Band Edge / 1 RB

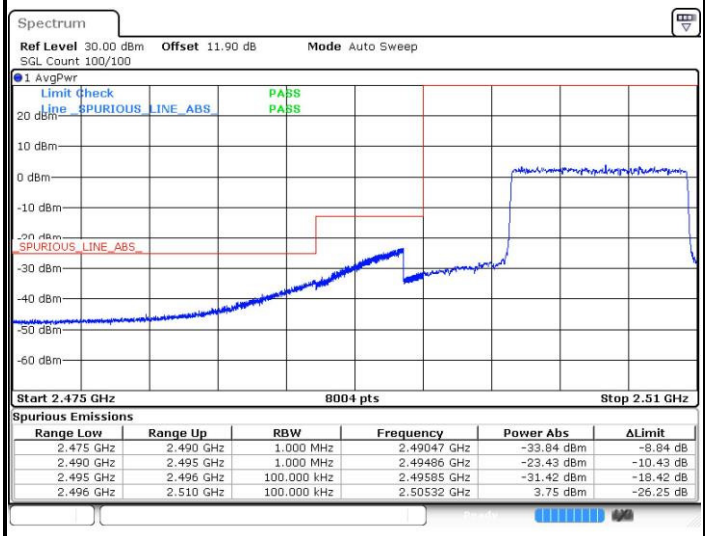


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56939 GHz	19.25 dBm	-10.75 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-15.17 dBm	-5.17 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-33.66 dBm	-23.66 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57838 GHz	-41.77 dBm	-28.77 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58689 GHz	-41.47 dBm	-16.47 dB

Date: 6.FEB.2017 16:04:43

Lowest Band Edge / Full RB

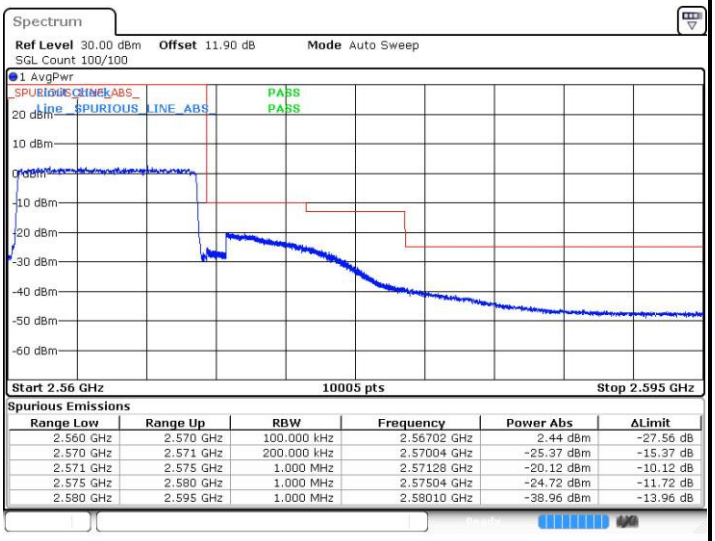


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-33.84 dBm	-8.84 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49486 GHz	-23.43 dBm	-10.43 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49585 GHz	-31.42 dBm	-18.42 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50532 GHz	3.75 dBm	-26.25 dB

Date: 6.FEB.2017 15:57:26

Highest Band Edge / Full RB



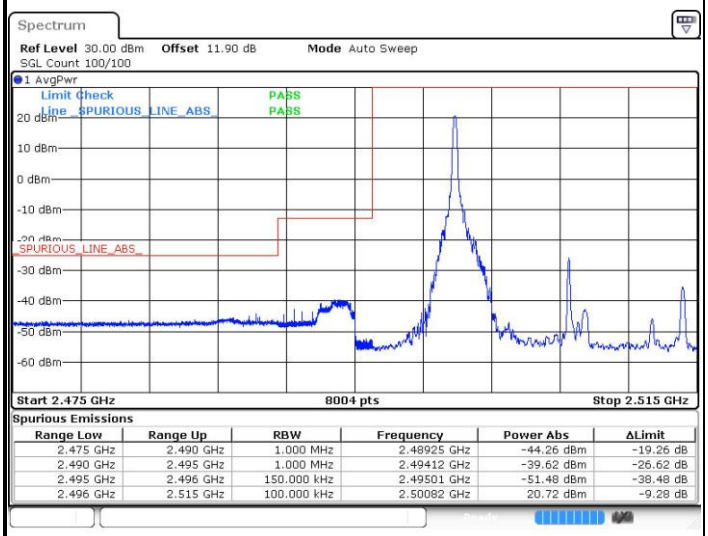
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56702 GHz	2.44 dBm	-27.56 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57004 GHz	-25.37 dBm	-15.37 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57128 GHz	-20.12 dBm	-10.12 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57504 GHz	-24.72 dBm	-11.72 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58010 GHz	-38.96 dBm	-13.96 dB

Date: 6.FEB.2017 16:07:02

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

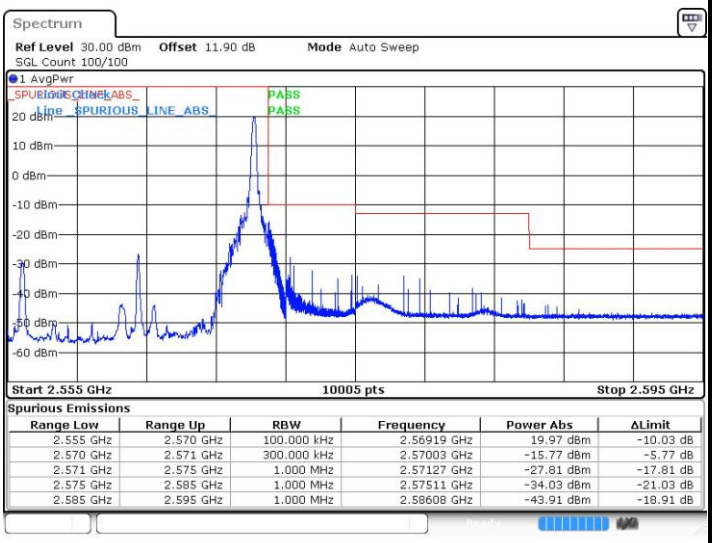


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48925 GHz	-44.26 dBm	-19.26 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49412 GHz	-39.62 dBm	-26.62 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49501 GHz	-51.48 dBm	-38.48 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	20.72 dBm	-9.28 dB

Date: 6.FEB.2017 16:10:41

Highest Band Edge / 1 RB

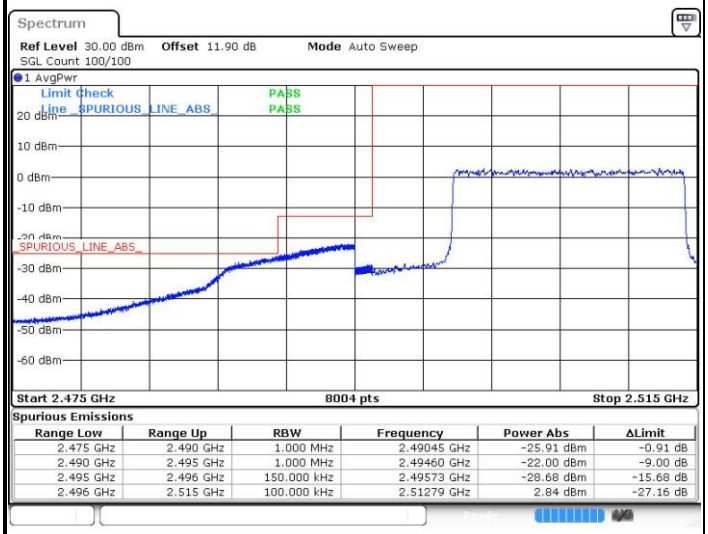


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56919 GHz	19.97 dBm	-10.03 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-15.77 dBm	-5.77 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57127 GHz	-27.81 dBm	-17.81 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57511 GHz	-34.03 dBm	-21.03 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58608 GHz	-43.91 dBm	-18.91 dB

Date: 6.FEB.2017 16:20:18

Lowest Band Edge / Full RB

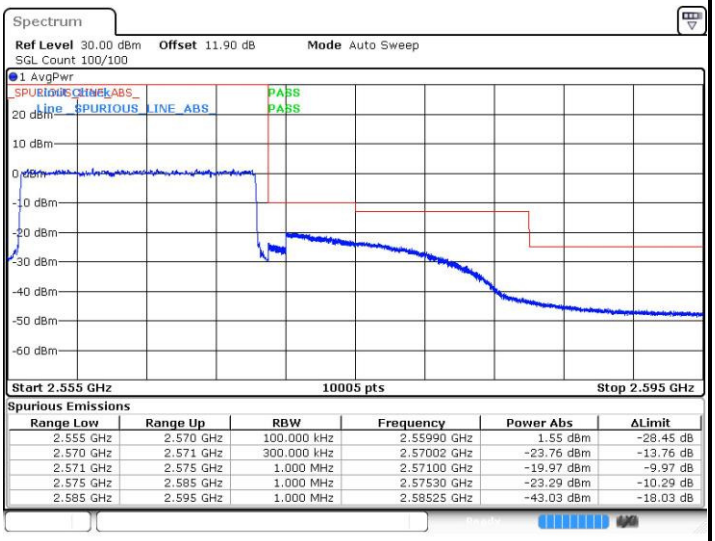


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-25.91 dBm	-0.91 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49460 GHz	-22.00 dBm	-9.00 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49573 GHz	-28.68 dBm	-15.68 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51279 GHz	2.84 dBm	-27.16 dB

Date: 6.FEB.2017 16:13:00

Highest Band Edge / Full RB



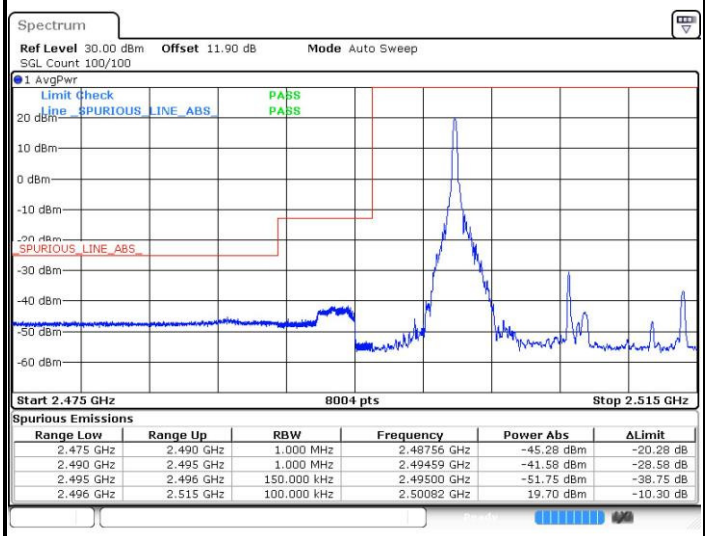
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55990 GHz	1.55 dBm	-28.45 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-23.76 dBm	-13.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-19.97 dBm	-9.97 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57530 GHz	-23.29 dBm	-10.29 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58525 GHz	-43.03 dBm	-18.03 dB

Date: 6.FEB.2017 16:22:37

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

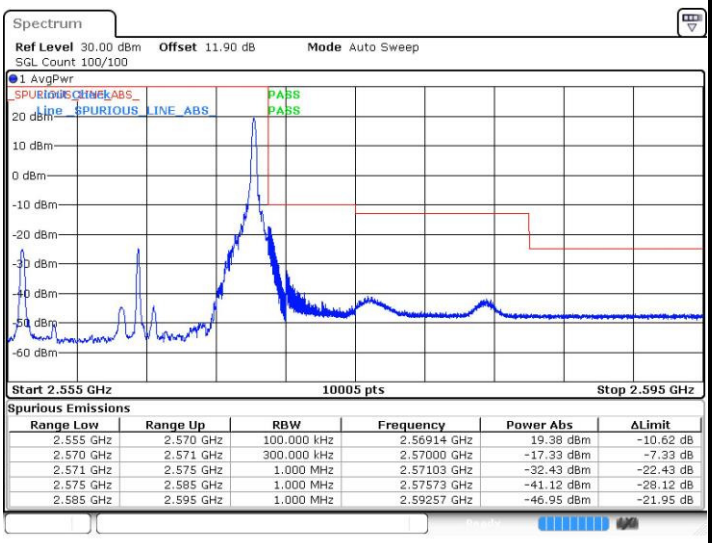


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48756 GHz	-45.28 dBm	-20.28 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49459 GHz	-41.58 dBm	-28.58 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49500 GHz	-51.75 dBm	-38.75 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	19.70 dBm	-10.30 dB

Date: 6.FEB.2017 16:11:51

Highest Band Edge / 1 RB

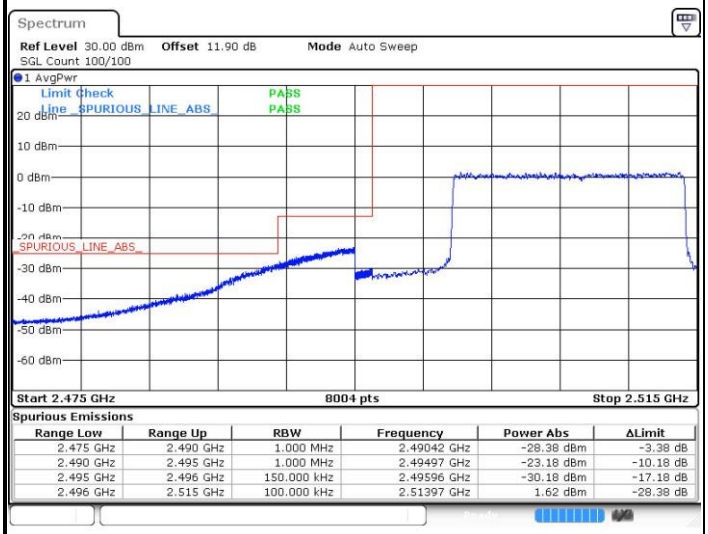


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	19.38 dBm	-10.62 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-17.33 dBm	-7.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-32.43 dBm	-22.43 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57573 GHz	-41.12 dBm	-28.12 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59257 GHz	-46.95 dBm	-21.95 dB

Date: 6.FEB.2017 16:21:28

Lowest Band Edge / Full RB

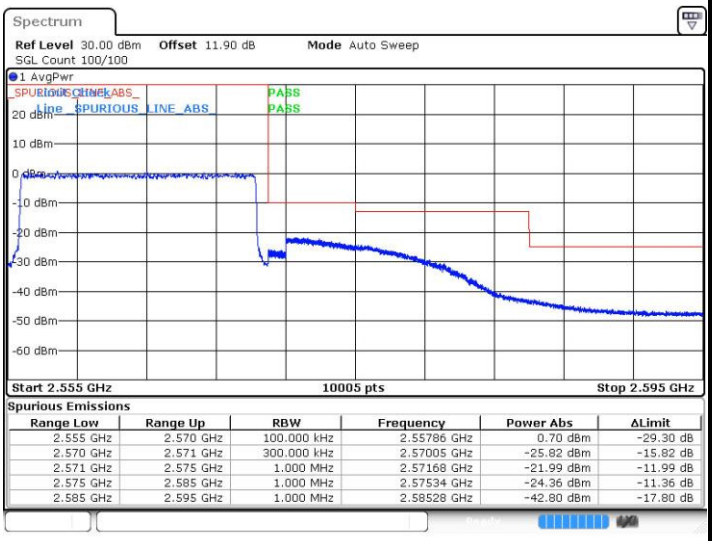


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-28.38 dBm	-3.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-23.18 dBm	-10.18 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49596 GHz	-30.18 dBm	-17.18 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51397 GHz	1.62 dBm	-28.38 dB

Date: 6.FEB.2017 16:14:10

Highest Band Edge / Full RB



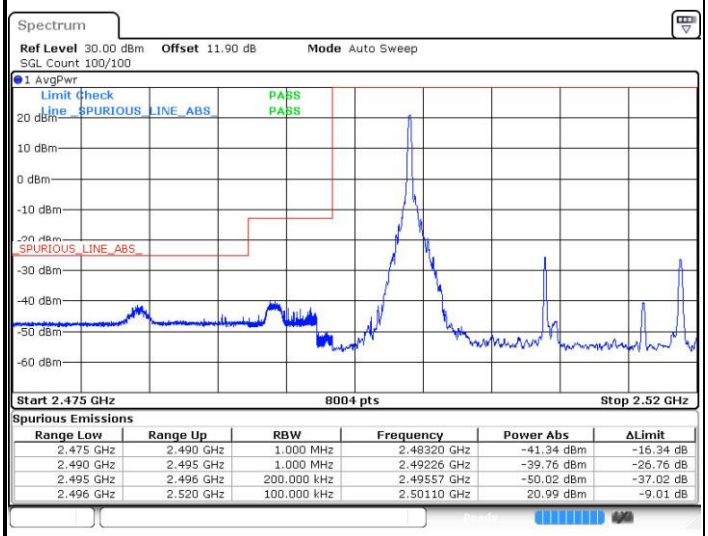
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55786 GHz	0.70 dBm	-29.30 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-25.82 dBm	-15.82 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57168 GHz	-21.99 dBm	-11.99 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57534 GHz	-24.36 dBm	-11.36 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58528 GHz	-42.80 dBm	-17.80 dB

Date: 6.FEB.2017 16:23:47

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

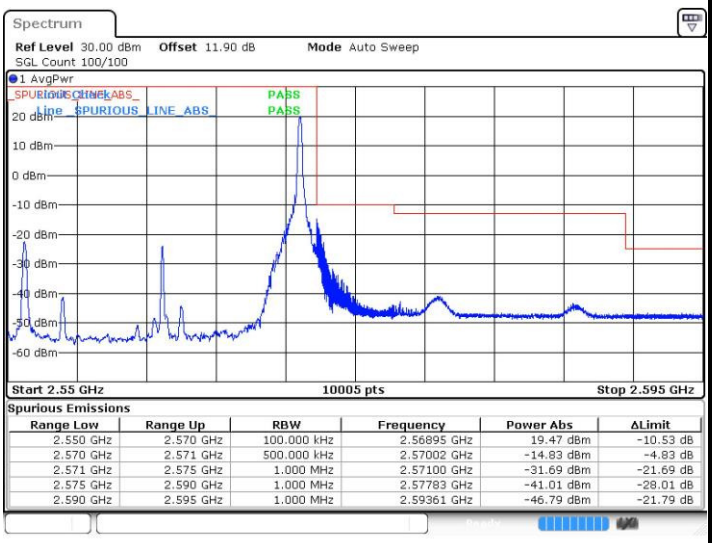


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48320 GHz	-41.34 dBm	-16.34 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49226 GHz	-39.76 dBm	-26.76 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49557 GHz	-50.02 dBm	-37.02 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	20.99 dBm	-9.01 dB

Date: 6.FEB.2017 16:27:26

Highest Band Edge / 1 RB

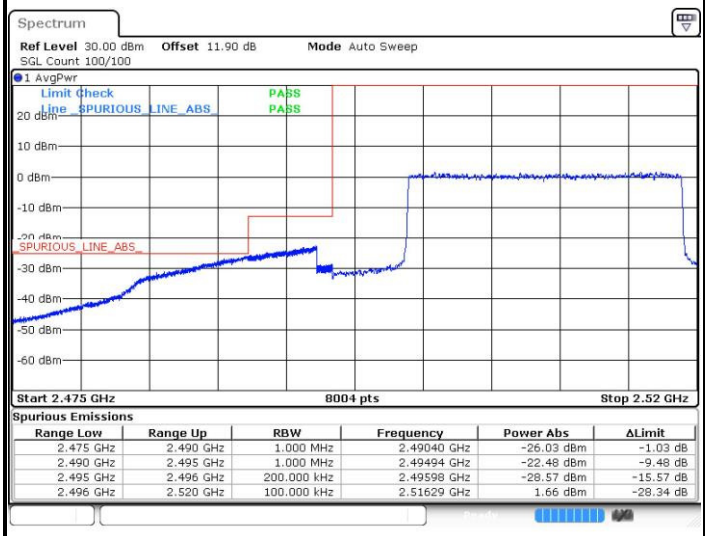


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56895 GHz	19.47 dBm	-10.53 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-14.83 dBm	-4.83 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-31.69 dBm	-21.69 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57783 GHz	-41.01 dBm	-28.01 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59361 GHz	-46.79 dBm	-21.79 dB

Date: 6.FEB.2017 16:37:02

Lowest Band Edge / Full RB

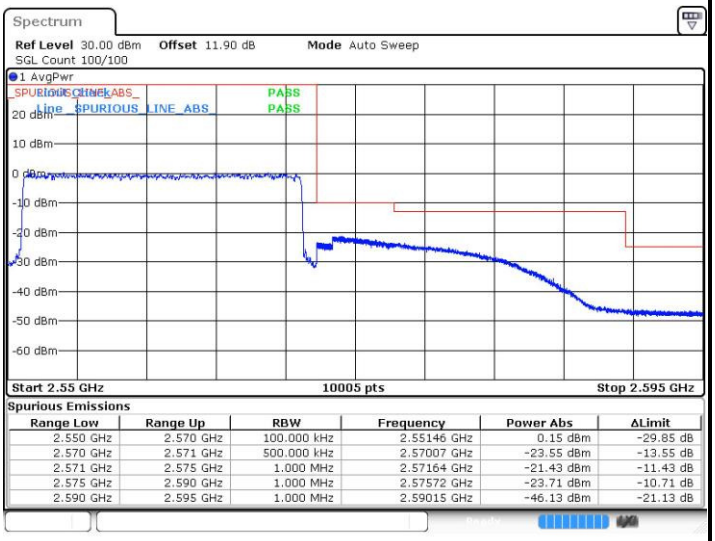


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-26.03 dBm	-1.03 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-22.48 dBm	-9.48 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49598 GHz	-28.57 dBm	-15.57 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51629 GHz	1.66 dBm	-28.34 dB

Date: 6.FEB.2017 16:29:45

Highest Band Edge / Full RB



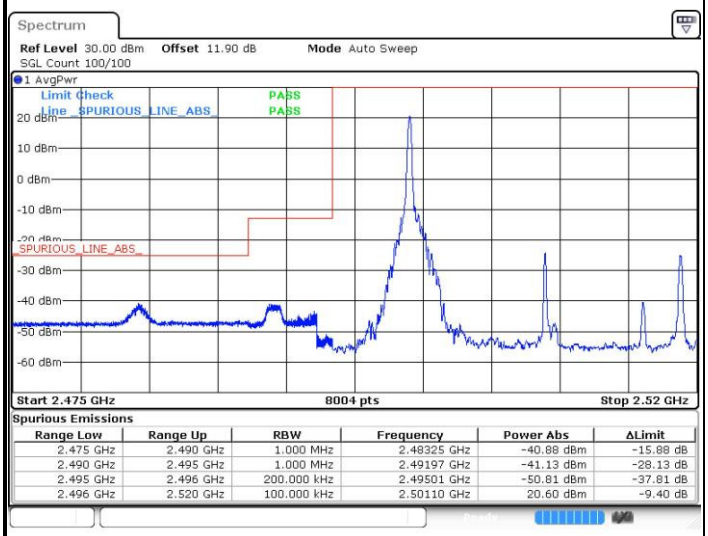
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55146 GHz	0.15 dBm	-29.85 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57007 GHz	-23.55 dBm	-13.55 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57164 GHz	-21.43 dBm	-11.43 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57572 GHz	-23.71 dBm	-10.71 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59015 GHz	-46.13 dBm	-21.13 dB

Date: 6.FEB.2017 16:40:32

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

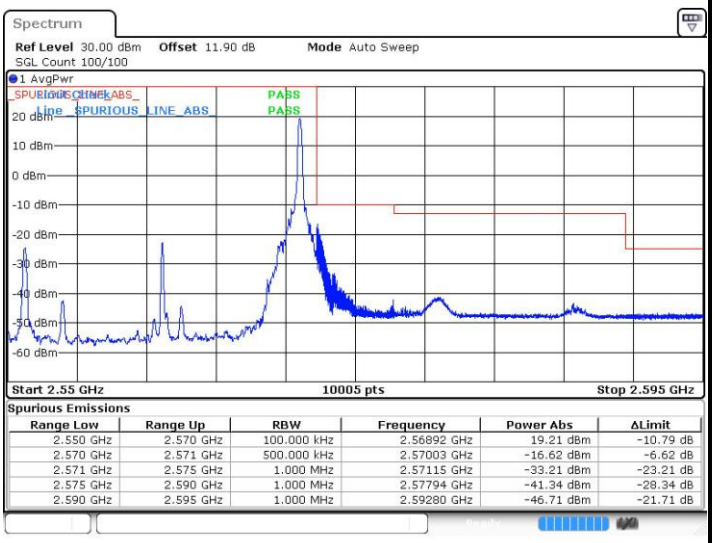


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48325 GHz	-40.88 dBm	-15.88 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49197 GHz	-41.13 dBm	-28.13 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49501 GHz	-50.81 dBm	-37.81 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	20.60 dBm	-9.40 dB

Date: 6.FEB.2017 16:28:35

Highest Band Edge / 1RB

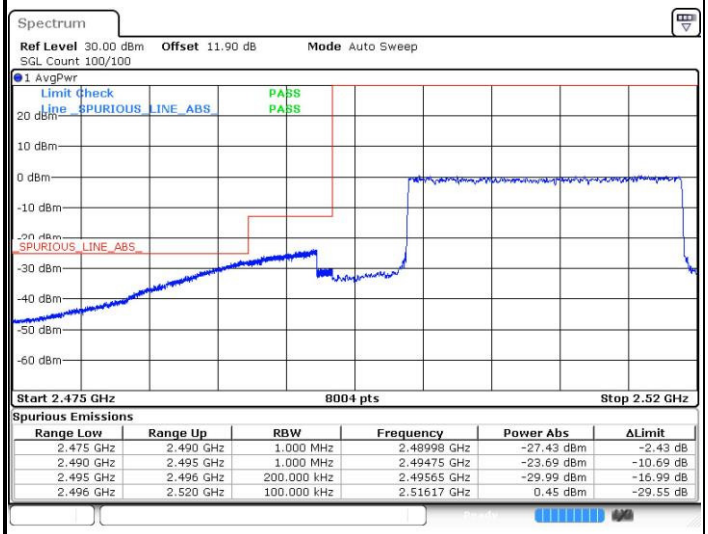


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	19.21 dBm	-10.79 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-16.62 dBm	-6.62 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-33.21 dBm	-23.21 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57794 GHz	-41.34 dBm	-28.34 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59280 GHz	-46.71 dBm	-21.71 dB

Date: 6.FEB.2017 16:38:12

Lowest Band Edge / Full RB

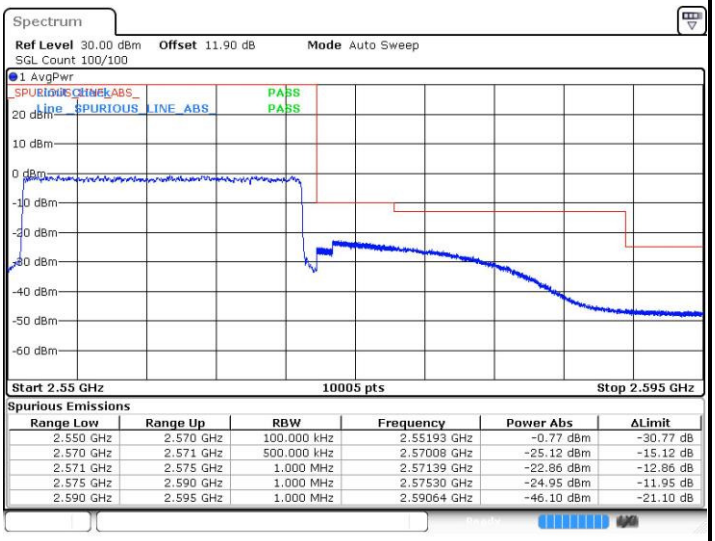


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48998 GHz	-27.43 dBm	-2.43 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49475 GHz	-23.69 dBm	-10.69 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49565 GHz	-29.99 dBm	-16.99 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51617 GHz	0.45 dBm	-29.55 dB

Date: 6.FEB.2017 16:30:55

Highest Band Edge / Full RB



Spurious Emissions

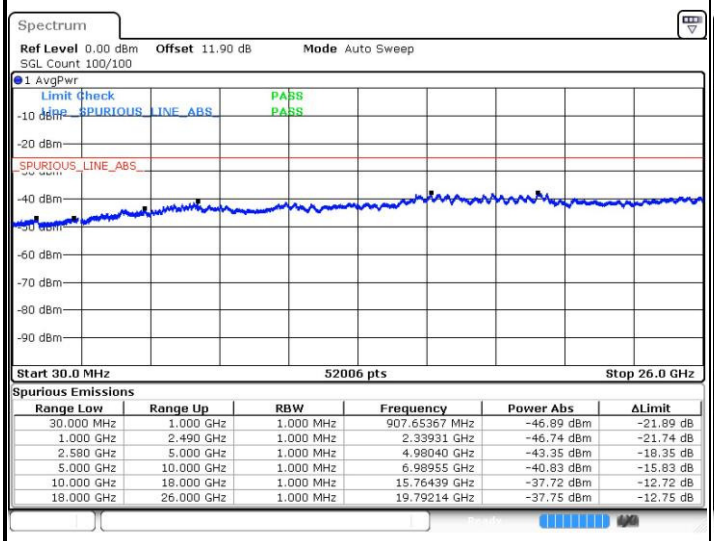
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55193 GHz	-0.77 dBm	-30.77 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57008 GHz	-25.12 dBm	-15.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57139 GHz	-22.86 dBm	-12.86 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57530 GHz	-24.95 dBm	-11.95 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59064 GHz	-46.10 dBm	-21.10 dB

Date: 6.FEB.2017 16:39:22

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

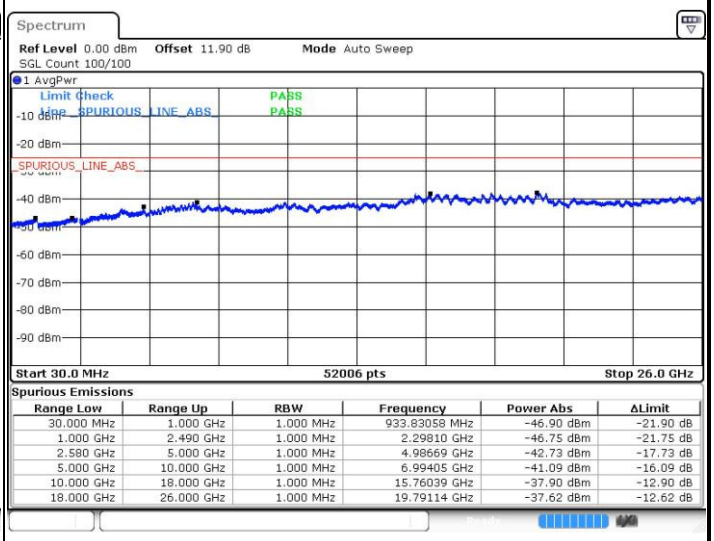


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-46.89 dBm	-21.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33931 GHz	-46.74 dBm	-21.74 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98040 GHz	-43.35 dBm	-18.35 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-40.83 dBm	-15.83 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76439 GHz	-37.72 dBm	-12.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-37.75 dBm	-12.75 dB

Date: 6.FEB.2017 15:41:34

Lowest Channel / 16QAM

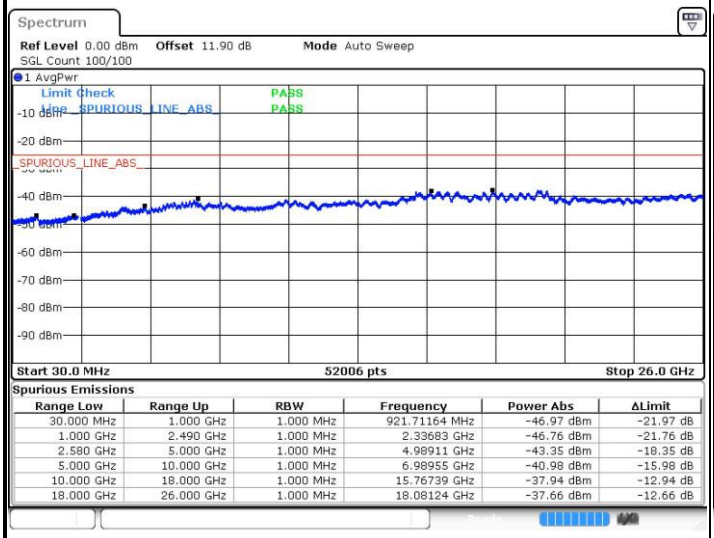


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-46.90 dBm	-21.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29810 GHz	-46.75 dBm	-21.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-42.73 dBm	-17.73 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99405 GHz	-41.09 dBm	-16.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76039 GHz	-37.90 dBm	-12.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79114 GHz	-37.62 dBm	-12.62 dB

Date: 6.FEB.2017 15:42:27

Middle Channel / QPSK

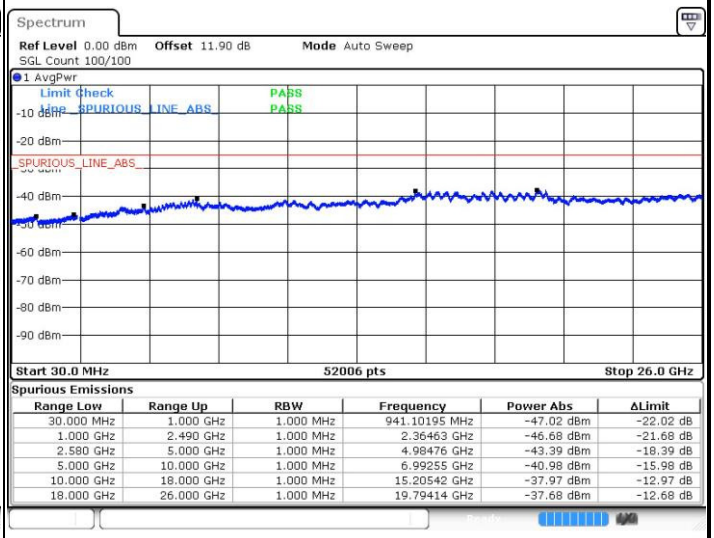


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-46.97 dBm	-21.97 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33683 GHz	-46.76 dBm	-21.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-43.35 dBm	-18.35 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-40.98 dBm	-15.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76739 GHz	-37.94 dBm	-12.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.08124 GHz	-37.66 dBm	-12.66 dB

Date: 6.FEB.2017 15:44:03

Middle Channel / 16QAM



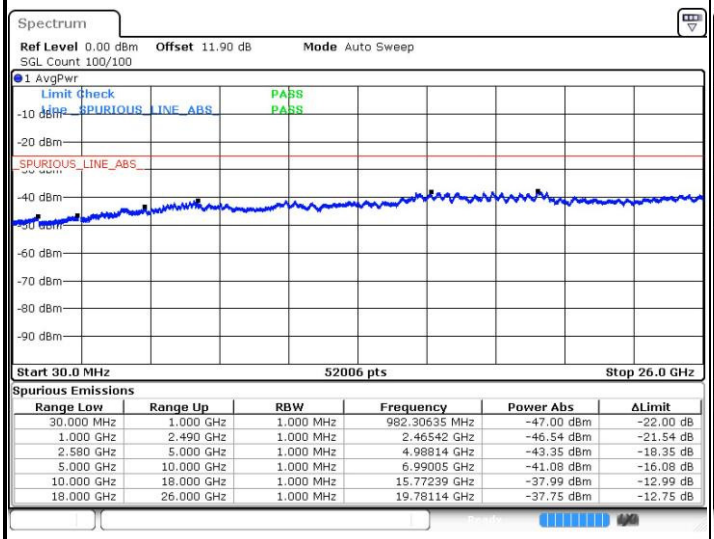
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-47.02 dBm	-22.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.36463 GHz	-46.68 dBm	-21.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.39 dBm	-18.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-40.98 dBm	-15.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20542 GHz	-37.97 dBm	-12.97 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-37.68 dBm	-12.68 dB

Date: 6.FEB.2017 15:44:57

LTE Band 7 / 5MHz

Highest Channel / QPSK

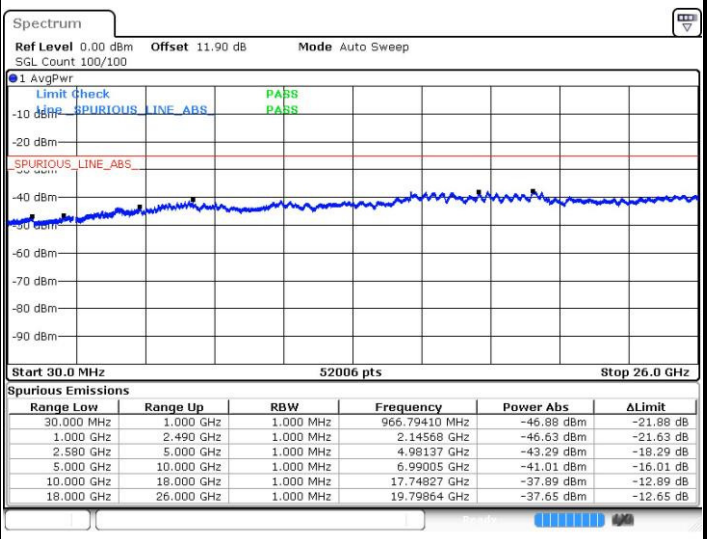


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-47.00 dBm	-22.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46542 GHz	-46.54 dBm	-21.54 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98814 GHz	-43.35 dBm	-18.35 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.08 dBm	-16.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77239 GHz	-37.99 dBm	-12.99 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78114 GHz	-37.75 dBm	-12.75 dB

Date: 6.FEB.2017 15:51:12

Highest Channel / 16QAM



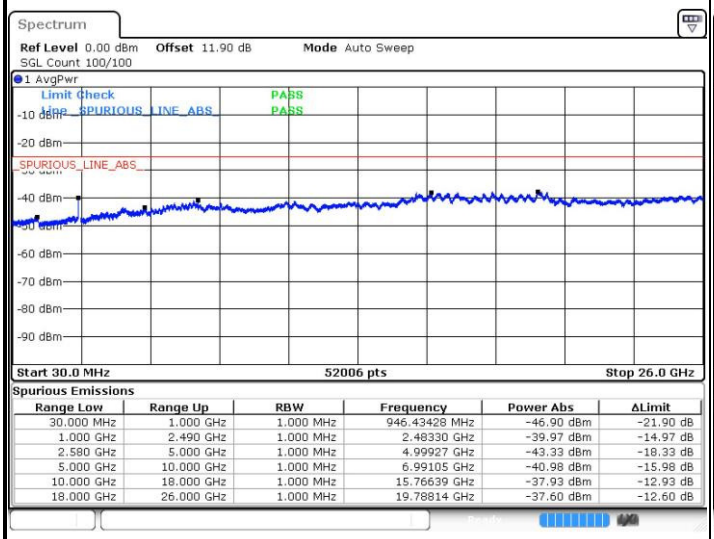
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-46.88 dBm	-21.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14568 GHz	-46.63 dBm	-21.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98137 GHz	-43.29 dBm	-18.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.01 dBm	-16.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.74827 GHz	-37.89 dBm	-12.89 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79864 GHz	-37.65 dBm	-12.65 dB

Date: 6.FEB.2017 15:52:06

LTE Band 7 / 10MHz

Lowest Channel / QPSK

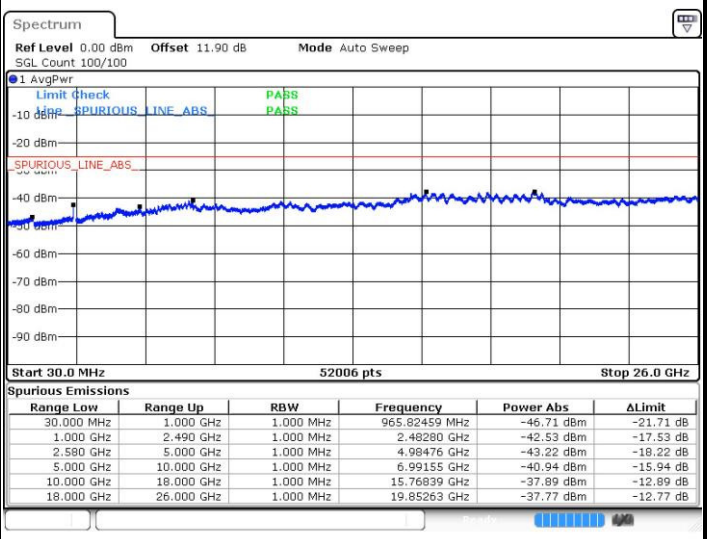


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-46.90 dBm	-21.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-39.97 dBm	-14.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99927 GHz	-43.33 dBm	-18.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-40.98 dBm	-15.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76639 GHz	-37.93 dBm	-12.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78814 GHz	-37.60 dBm	-12.60 dB

Date: 6.FEB.2017 15:58:20

Lowest Channel / 16QAM



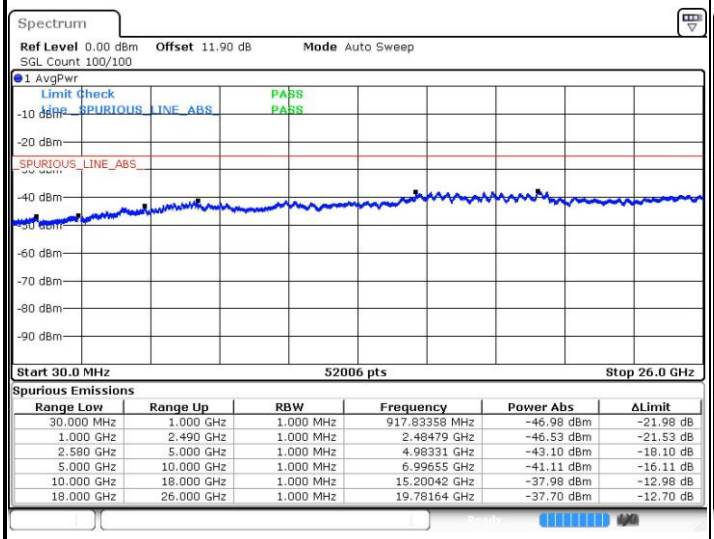
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-46.71 dBm	-21.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-42.53 dBm	-17.53 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.22 dBm	-18.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-40.94 dBm	-15.94 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76839 GHz	-37.89 dBm	-12.89 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85263 GHz	-37.77 dBm	-12.77 dB

Date: 6.FEB.2017 15:59:13

LTE Band 7 / 10MHz

Middle Channel / QPSK

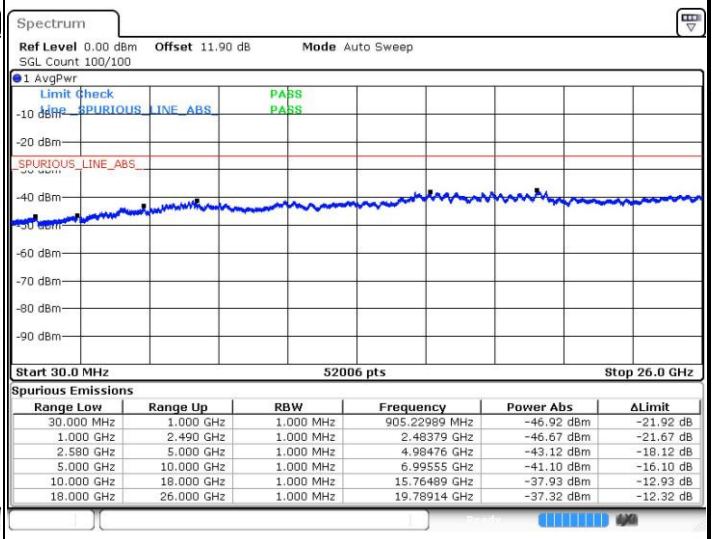


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-46.98 dBm	-21.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-46.53 dBm	-21.53 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-43.10 dBm	-18.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99655 GHz	-41.11 dBm	-16.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20042 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78164 GHz	-37.70 dBm	-12.70 dB

Date: 6.FEB.2017 16:00:49

Middle Channel / 16QAM

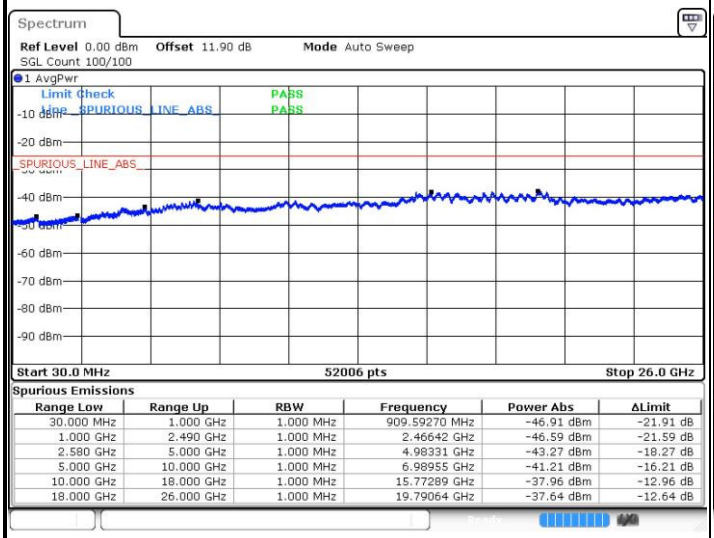


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-46.92 dBm	-21.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-46.67 dBm	-21.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.12 dBm	-18.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99555 GHz	-41.10 dBm	-16.10 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76489 GHz	-37.93 dBm	-12.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78914 GHz	-37.32 dBm	-12.32 dB

Date: 6.FEB.2017 16:01:42

Highest Channel / QPSK

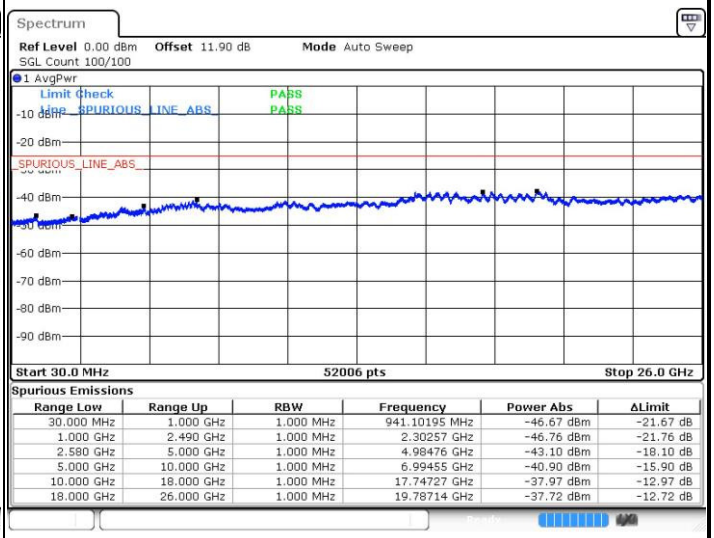


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-46.91 dBm	-21.91 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46642 GHz	-46.59 dBm	-21.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-43.27 dBm	-18.27 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.21 dBm	-16.21 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77289 GHz	-37.96 dBm	-12.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-37.64 dBm	-12.64 dB

Date: 6.FEB.2017 16:07:56

Highest Channel / 16QAM



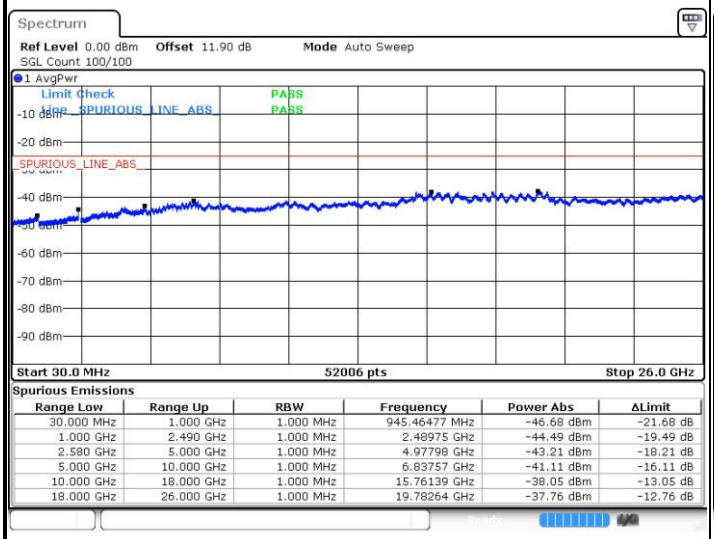
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-46.67 dBm	-21.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30257 GHz	-46.76 dBm	-21.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.10 dBm	-18.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99455 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.74727 GHz	-37.97 dBm	-12.97 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78714 GHz	-37.72 dBm	-12.72 dB

Date: 6.FEB.2017 16:08:50

LTE Band 7 / 15MHz

Lowest Channel / QPSK

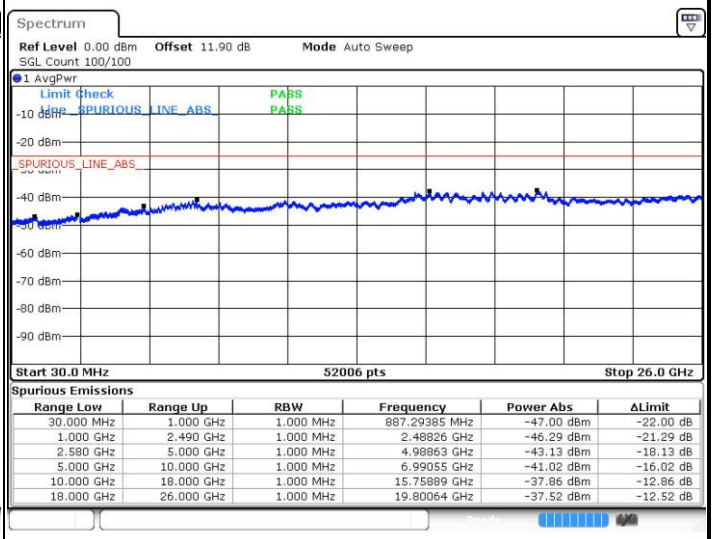


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.46477 MHz	-46.68 dBm	-21.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-44.49 dBm	-19.49 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97798 GHz	-43.21 dBm	-18.21 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.83757 GHz	-41.11 dBm	-16.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76139 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78264 GHz	-37.76 dBm	-12.76 dB

Date: 6.FEB.2017 16:15:04

Lowest Channel / 16QAM

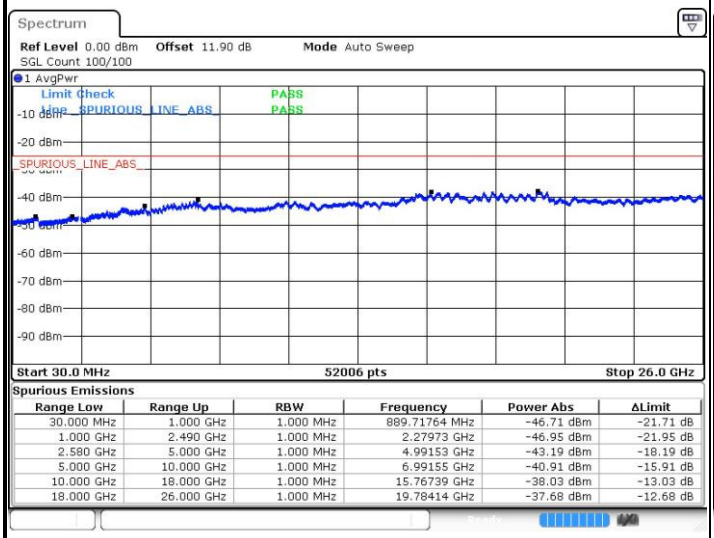


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-47.00 dBm	-22.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-46.29 dBm	-21.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98863 GHz	-43.13 dBm	-18.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.02 dBm	-16.02 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75889 GHz	-37.86 dBm	-12.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80064 GHz	-37.52 dBm	-12.52 dB

Date: 6.FEB.2017 16:15:58

Middle Channel / QPSK

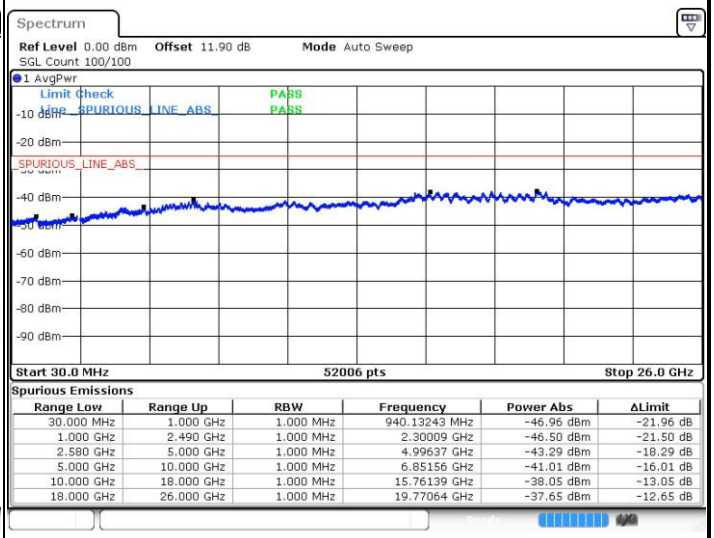


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-46.71 dBm	-21.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.27973 GHz	-46.95 dBm	-21.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99153 GHz	-43.19 dBm	-18.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-40.91 dBm	-15.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76739 GHz	-38.03 dBm	-13.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78414 GHz	-37.68 dBm	-12.68 dB

Date: 6.FEB.2017 16:17:33

Middle Channel / 16QAM



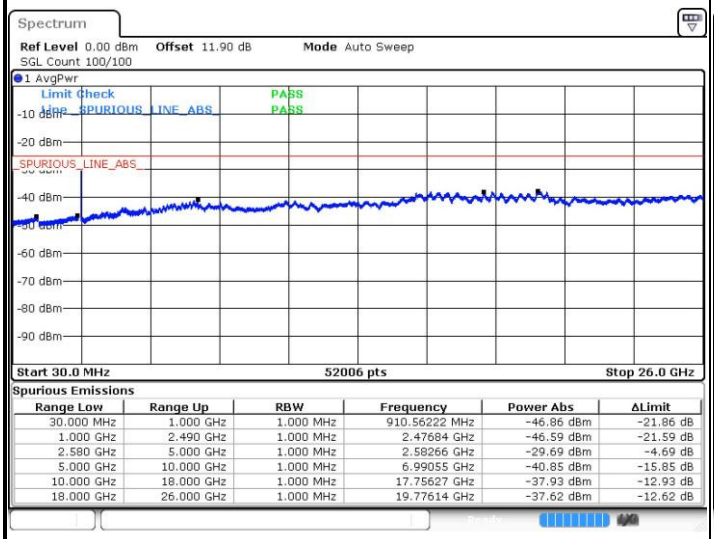
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-46.96 dBm	-21.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30009 GHz	-46.50 dBm	-21.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99637 GHz	-43.29 dBm	-18.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85156 GHz	-41.01 dBm	-16.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76139 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77064 GHz	-37.65 dBm	-12.65 dB

Date: 6.FEB.2017 16:18:27

LTE Band7 / 15MHz

Highest Channel / QPSK

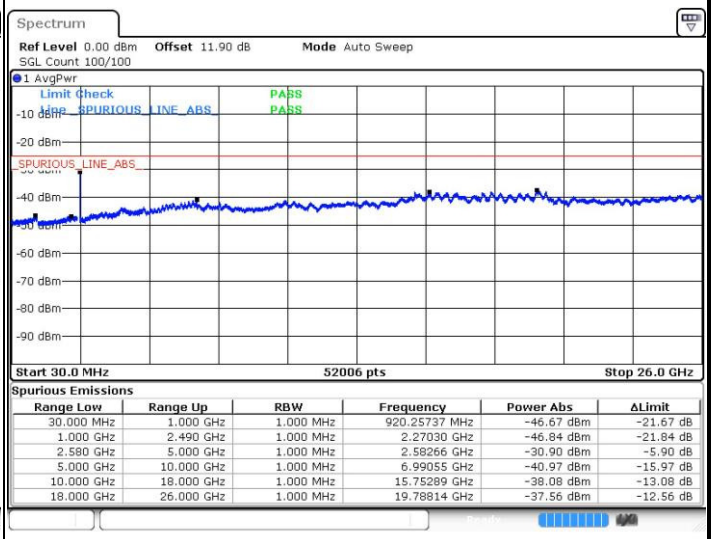


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.56222 MHz	-46.86 dBm	-21.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47684 GHz	-46.59 dBm	-21.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-29.69 dBm	-4.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-40.85 dBm	-15.85 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.75627 GHz	-37.93 dBm	-12.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77614 GHz	-37.62 dBm	-12.62 dB

Date: 6.FEB.2017 16:24:41

Highest Channel / 16QAM



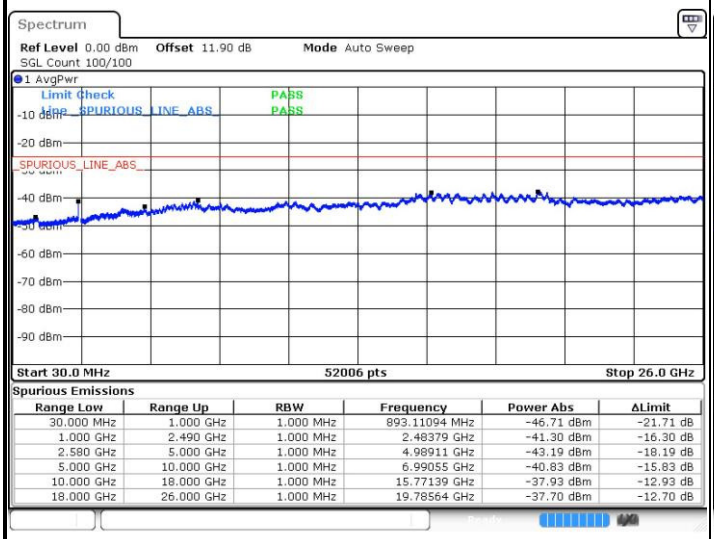
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-46.67 dBm	-21.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.27030 GHz	-46.84 dBm	-21.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-30.90 dBm	-5.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-40.97 dBm	-15.97 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75289 GHz	-38.08 dBm	-13.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78814 GHz	-37.56 dBm	-12.56 dB

Date: 6.FEB.2017 16:25:35

LTE Band 7 / 20MHz

Lowest Channel / QPSK

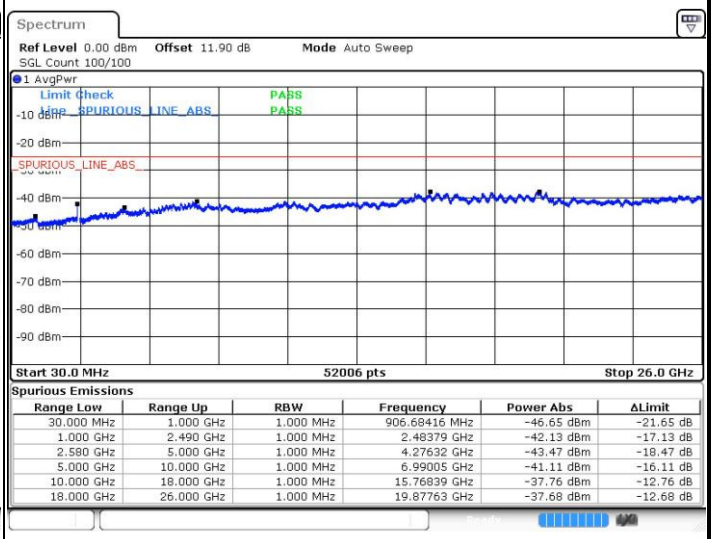


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.11094 MHz	-46.71 dBm	-21.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-41.30 dBm	-16.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-43.19 dBm	-18.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-40.83 dBm	-15.83 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77139 GHz	-37.93 dBm	-12.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78564 GHz	-37.70 dBm	-12.70 dB

Date: 6.FEB.2017 16:31:49

Lowest Channel / 16QAM



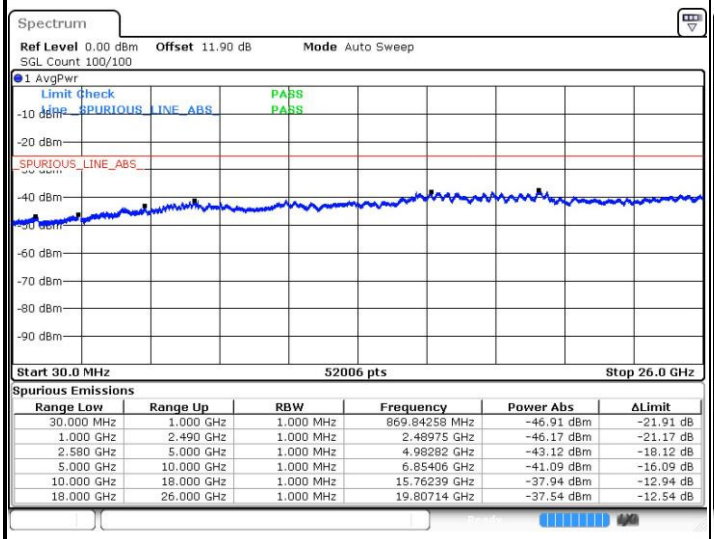
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.68416 MHz	-46.65 dBm	-21.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-42.13 dBm	-17.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.27632 GHz	-43.47 dBm	-18.47 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.11 dBm	-16.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76839 GHz	-37.76 dBm	-12.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87763 GHz	-37.68 dBm	-12.68 dB

Date: 6.FEB.2017 16:32:43

LTE Band 7 / 20MHz

Middle Channel / QPSK

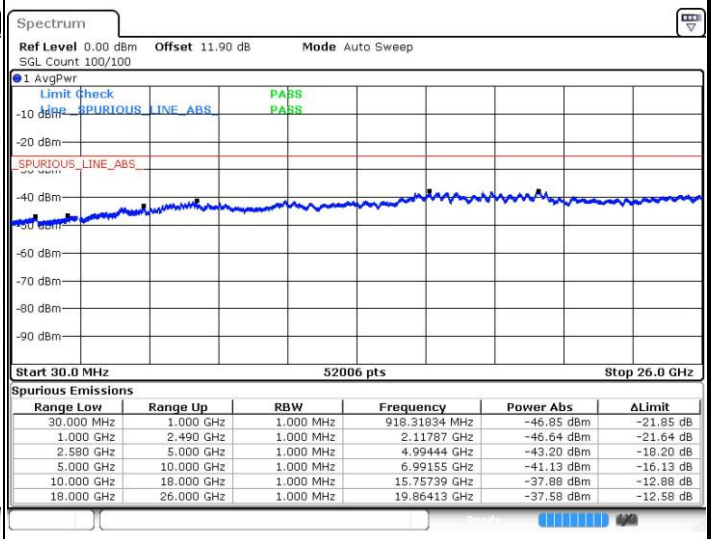


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.84258 MHz	-46.91 dBm	-21.91 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.17 dBm	-21.17 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-43.12 dBm	-18.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85406 GHz	-41.09 dBm	-16.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76239 GHz	-37.94 dBm	-12.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80714 GHz	-37.54 dBm	-12.54 dB

Date: 6.FEB.2017 16:34:18

Middle Channel / 16QAM

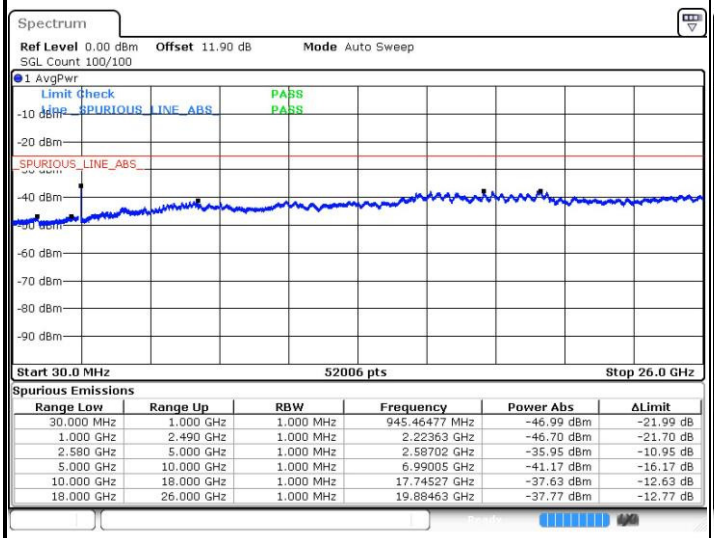


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-46.85 dBm	-21.85 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11787 GHz	-46.64 dBm	-21.64 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-43.20 dBm	-18.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.13 dBm	-16.13 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75739 GHz	-37.88 dBm	-12.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86413 GHz	-37.58 dBm	-12.58 dB

Date: 6.FEB.2017 16:35:11

Highest Channel / QPSK

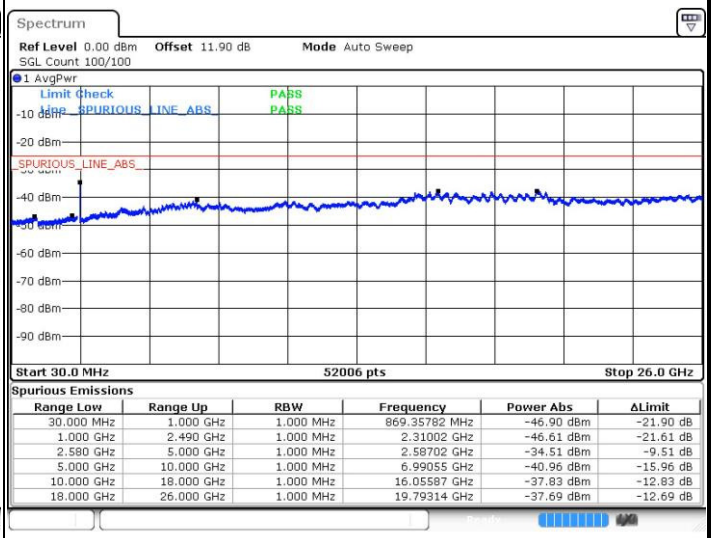


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.46477 MHz	-46.99 dBm	-21.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.22363 GHz	-46.70 dBm	-21.70 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-35.95 dBm	-10.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.17 dBm	-16.17 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.74527 GHz	-37.63 dBm	-12.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88463 GHz	-37.77 dBm	-12.77 dB

Date: 6.FEB.2017 16:41:26

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.35782 MHz	-46.90 dBm	-21.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31002 GHz	-46.61 dBm	-21.61 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-34.51 dBm	-9.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-40.96 dBm	-15.96 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.05587 GHz	-37.83 dBm	-12.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79314 GHz	-37.69 dBm	-12.69 dB

Date: 6.FEB.2017 16:42:19

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	0.0082	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0082	
-10	Normal Voltage	0.0079	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0087	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

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

Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

LTE Band 5 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	3.67	0.0023	17.01	0.0502
Middle		3	0	5.28	0.0034	18.52	0.0711
Highest		3	0	6.08	0.0041	19.01	0.0796
Lowest	16QAM	1	3	3.49	0.0022	16.79	0.0478
Middle		1	3	4.78	0.0030	17.86	0.0611
Highest		1	3	5.15	0.0033	17.92	0.0619
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	4.51	0.0028	17.66	0.0583
Middle		1	8	5.20	0.0033	18.23	0.0665
Highest		1	8	5.94	0.0039	18.63	0.0729
Lowest	16QAM	1	8	4.04	0.0025	17.11	0.0514
Middle		1	8	4.66	0.0029	17.66	0.0583
Highest		1	8	5.51	0.0036	18.19	0.0659
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	5.39	0.0035	17.77	0.0598
Middle		1	12	5.08	0.0032	17.76	0.0597
Highest		1	12	6.63	0.0046	19.21	0.0834
Lowest	16QAM	1	0	3.37	0.0022	16.47	0.0444
Middle		1	0	4.77	0.0030	17.82	0.0605
Highest		1	0	5.70	0.0037	18.42	0.0695
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	3.85	0.0024	17.01	0.0502
Middle		1	0	5.84	0.0038	18.86	0.0769
Highest		1	0	5.49	0.0035	18.46	0.0701
Lowest	16QAM	1	0	3.32	0.0021	16.48	0.0445
Middle		1	0	4.68	0.0029	17.74	0.0594
Highest		1	0	5.06	0.0032	17.98	0.0628
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	17.91	0.0618	21.32	0.1355
Middle		1	12	17.90	0.0617	21.22	0.1324
Highest		1	12	16.35	0.0432	19.03	0.0800
Lowest	16QAM	1	12	16.79	0.0478	20.42	0.1102
Middle		1	12	17.10	0.0513	20.34	0.1081
Highest		1	12	15.59	0.0362	18.19	0.0659
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.34	0.0542	21.15	0.1303
Middle		1	0	17.57	0.0571	21.28	0.1343
Highest		1	0	16.19	0.0416	19.35	0.0861
Lowest	16QAM	1	0	16.52	0.0449	20.32	0.1076
Middle		1	0	16.83	0.0482	20.54	0.1132
Highest		1	0	15.42	0.0348	18.54	0.0714
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	18.08	0.0643	21.51	0.1416
Middle		1	37	17.90	0.0617	21.26	0.1337
Highest		1	37	16.82	0.0481	19.28	0.0847
Lowest	16QAM	1	37	17.23	0.0528	20.66	0.1164
Middle		1	37	17.11	0.0514	20.42	0.1102
Highest		1	37	16.02	0.0400	18.57	0.0719
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.55	0.0569	21.32	0.1355
Middle		1	0	18.02	0.0634	21.64	0.1459
Highest		1	0	17.34	0.0542	20.42	0.1102
Lowest	16QAM	1	0	16.60	0.0457	20.24	0.1057
Middle		1	0	17.18	0.0522	20.73	0.1183
Highest		1	0	16.49	0.0446	19.54	0.0899
Limit	EIRP < 2W			Result		PASS	

Radiated Spurious Emission

LTE Band 5

LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-53.28	-13	-40.28	-66.85	-54.96	0.99	4.82	H
	2504	-61.37	-13	-48.37	-78.09	-63.33	1.29	5.40	H
	3344	-58.99	-13	-45.99	-79.1	-62.6	1.56	7.31	H
									H
									H
									H
									H
	1672	-49.30	-13	-36.30	-62.87	-50.98	0.99	4.82	V
	2504	-61.53	-13	-48.53	-78.25	-63.49	1.29	5.40	V
	3344	-59.04	-13	-46.04	-79.15	-62.65	1.56	7.31	V
									V
									V
									V
									V

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

LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-50.48	-13	-37.48	-63.98	-52.24	0.98	4.89	H
	2472	-61.33	-13	-48.33	-77.96	-63.21	1.28	5.32	H
	3296	-59.38	-13	-46.38	-79.36	-62.79	1.54	7.10	H
									H
									H
									H
									H
	1648	-48.85	-13	-35.85	-62.35	-50.61	0.98	4.89	V
	2472	-61.53	-13	-48.53	-78.16	-63.41	1.28	5.32	V
	3296	-59.25	-13	-46.25	-79.23	-62.66	1.54	7.10	V
									V
									V
									V
									V

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

LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-49.88	-13	-36.88	-63.38	-51.64	0.98	4.89	H
	2472	-60.90	-13	-47.90	-77.53	-62.78	1.28	5.32	H
	3296	-59.34	-13	-46.34	-79.32	-62.75	1.54	7.10	H
									H
									H
									H
									H
	1648	-48.13	-13	-35.13	-61.63	-49.89	0.98	4.89	V
	2472	-61.53	-13	-48.53	-78.16	-63.41	1.28	5.32	V
	3296	-59.37	-13	-46.37	-79.35	-62.78	1.54	7.10	V
									V
									V
									V
									V

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

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-48.75	-13	-35.75	-62.25	-50.51	0.98	4.89	H
	2472	-61.56	-13	-48.56	-78.19	-63.44	1.28	5.32	H
	3296	-59.39	-13	-46.39	-79.37	-62.8	1.54	7.10	H
									H
									H
									H
									H
	1648	-47.52	-13	-34.52	-61.02	-49.28	0.98	4.89	V
	2472	-61.55	-13	-48.55	-78.18	-63.43	1.28	5.32	V
	3296	-59.24	-13	-46.24	-79.22	-62.65	1.54	7.10	V
									V
									V
									V
									V

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

LTE Band 7

LTE Band 7 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-44.33	-25	-19.33	-69.92	-51.69	2.34	9.70	H
	7506	-46.39	-25	-21.39	-80.12	-55.77	2.43	11.80	H
	10008	-40.90	-25	-15.90	-81.04	-50.41	2.70	12.20	H
									H
									H
									H
									H
	5004	-45.02	-25	-20.02	-70.61	-52.38	2.34	9.70	V
	7506	-46.56	-25	-21.56	-80.29	-55.94	2.43	11.80	V
	10008	-41.22	-25	-16.22	-81.36	-50.73	2.70	12.20	V
									V
									V
									V
									V

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

LTE Band 7 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-45.20	-25	-20.20	-70.78	-52.56	2.34	9.70	H
	7500	-46.86	-25	-21.86	-80.55	-56.23	2.43	11.80	H
	10008	-41.28	-25	-16.28	-81.41	-50.79	2.70	12.20	H
									H
									H
									H
									H
	5004	-46.25	-25	-21.25	-71.83	-53.61	2.34	9.70	V
	7500	-47.20	-25	-22.20	-80.89	-56.57	2.43	11.80	V
	10008	-41.72	-25	-16.72	-81.85	-51.23	2.70	12.20	V
									V
									V
									V
									V

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

LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-47.27	-25	-22.27	-72.85	-54.63	2.34	9.70	H
	7500	-46.68	-25	-21.68	-80.37	-56.05	2.43	11.80	H
	10008	-41.45	-25	-16.45	-81.58	-50.96	2.70	12.20	H
									H
									H
									H
									H
	5004	-47.66	-25	-22.66	-73.24	-55.02	2.34	9.70	V
	7500	-46.97	-25	-21.97	-80.66	-56.34	2.43	11.80	V
	10008	-41.40	-25	-16.40	-81.53	-50.91	2.70	12.20	V
									V
									V
									V
									V

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

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-44.31	-25	-19.31	-69.89	-51.67	2.34	9.70	H
	7500	-46.72	-25	-21.72	-80.41	-56.09	2.43	11.80	H
	10008	-41.15	-25	-16.15	-81.28	-50.66	2.70	12.20	H
									H
									H
									H
									H
	5004	-45.96	-25	-20.96	-71.54	-53.32	2.34	9.70	V
	7500	-46.35	-25	-21.35	-80.04	-55.72	2.43	11.80	V
	10008	-41.47	-25	-16.47	-81.6	-50.98	2.70	12.20	V
									V
									V
									V
									V

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