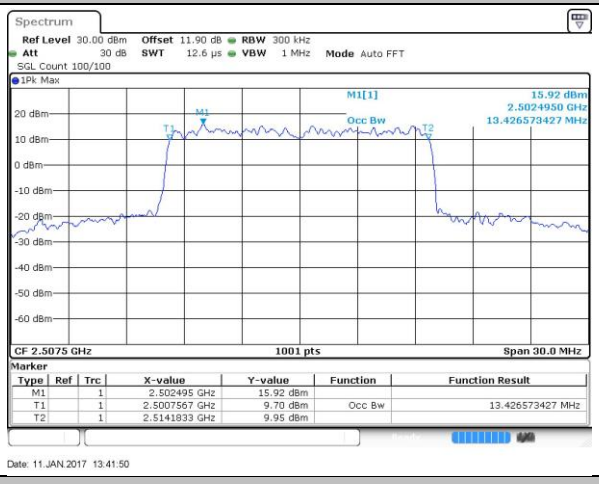
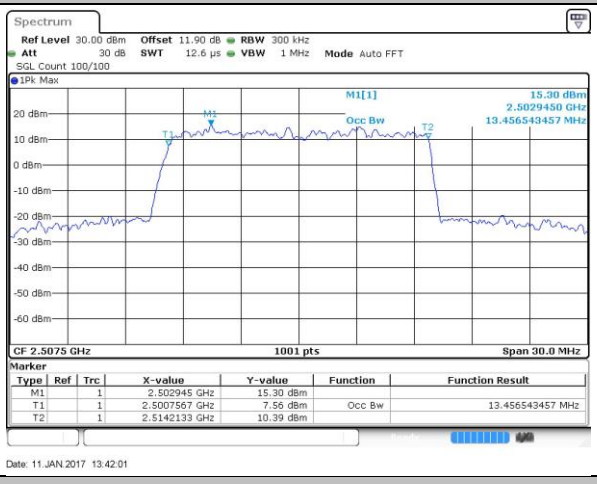
LTE Band 7

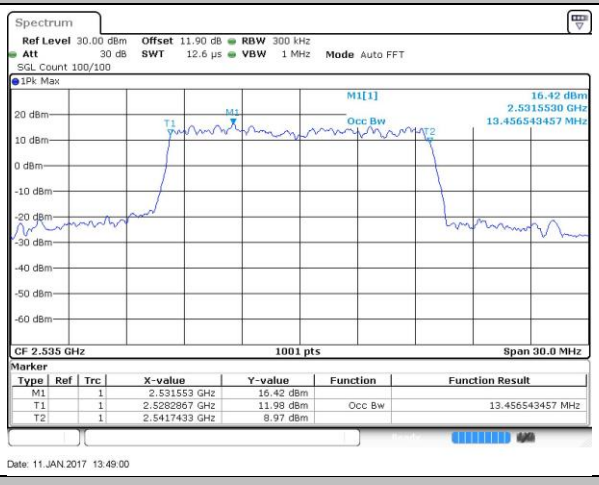
Lowest Channel / 15MHz / QPSK



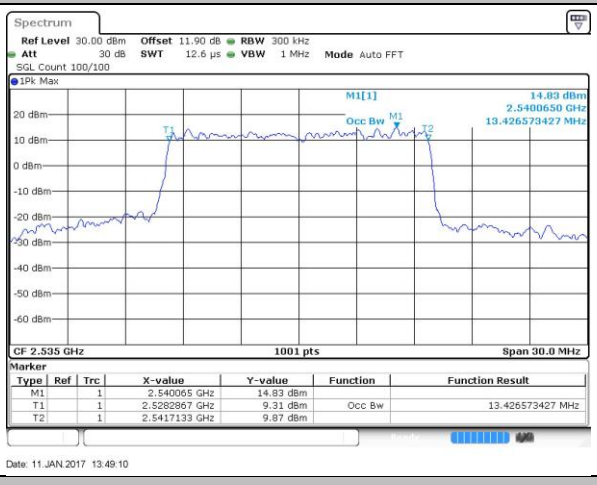
Lowest Channel / 15MHz / 16QAM



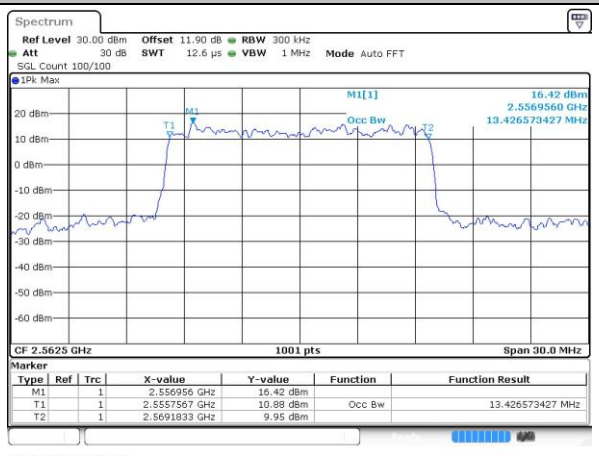
Middle Channel / 15MHz / QPSK



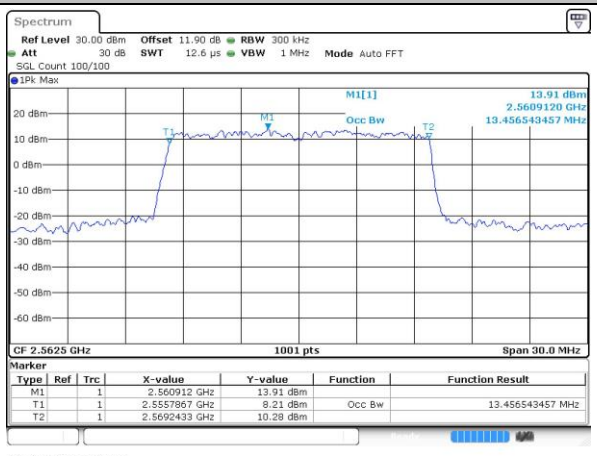
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

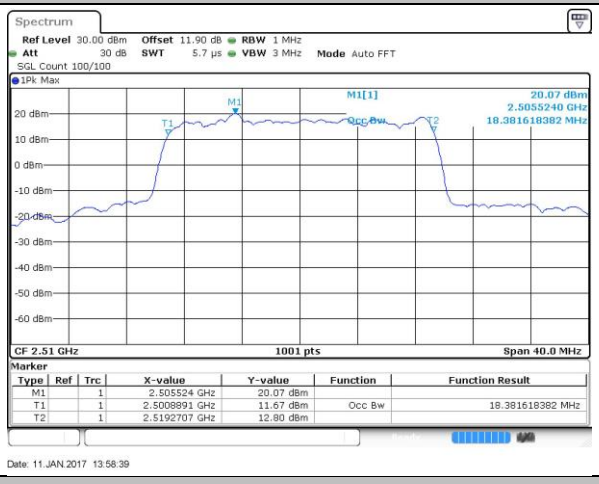


Highest Channel / 15MHz / 16QAM

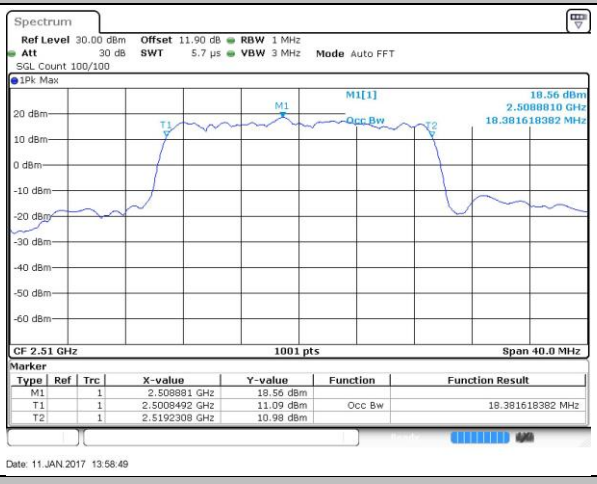


LTE Band 7

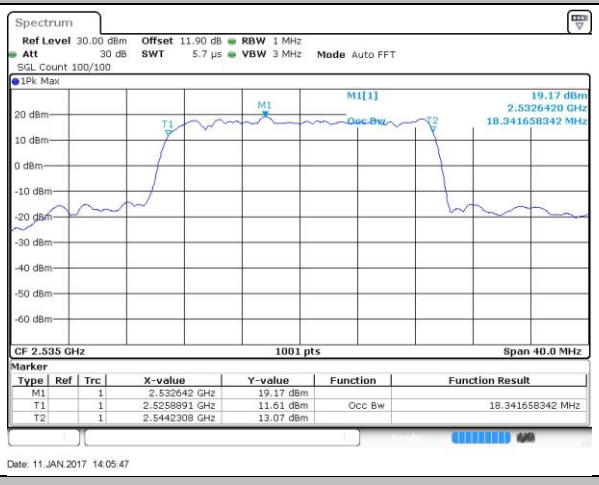
Lowest Channel / 20MHz / QPSK



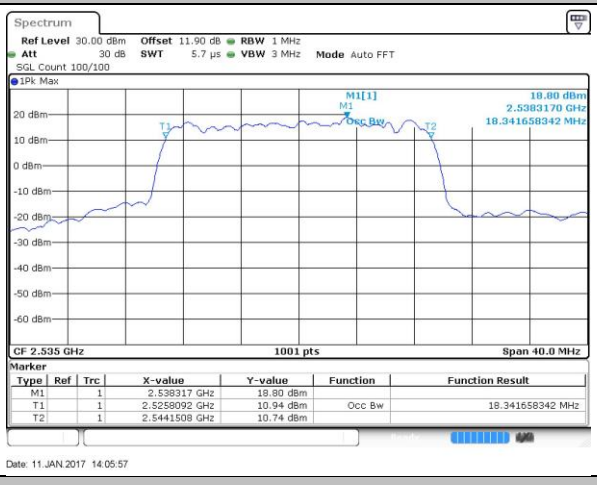
Lowest Channel / 20MHz / 16QAM



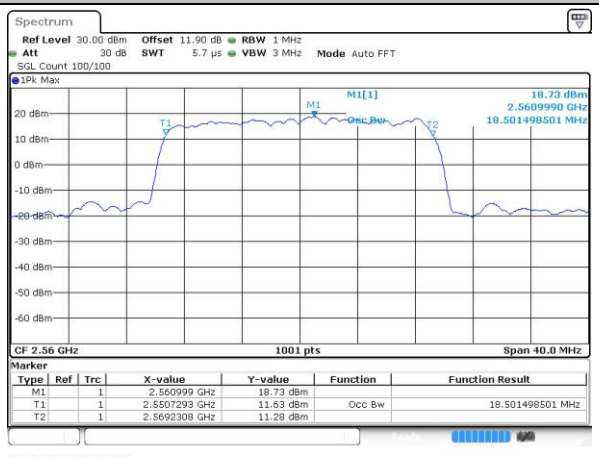
Middle Channel / 20MHz / QPSK



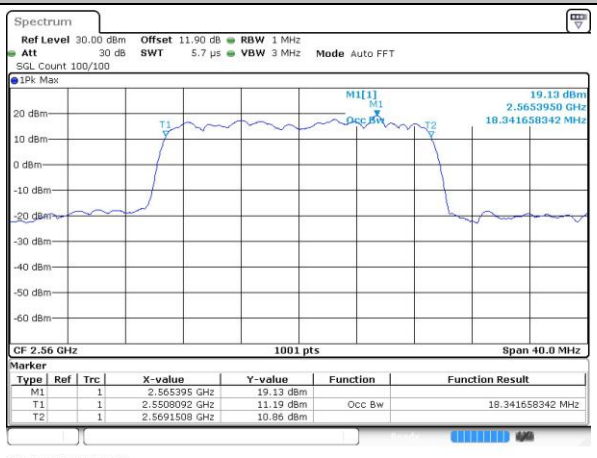
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



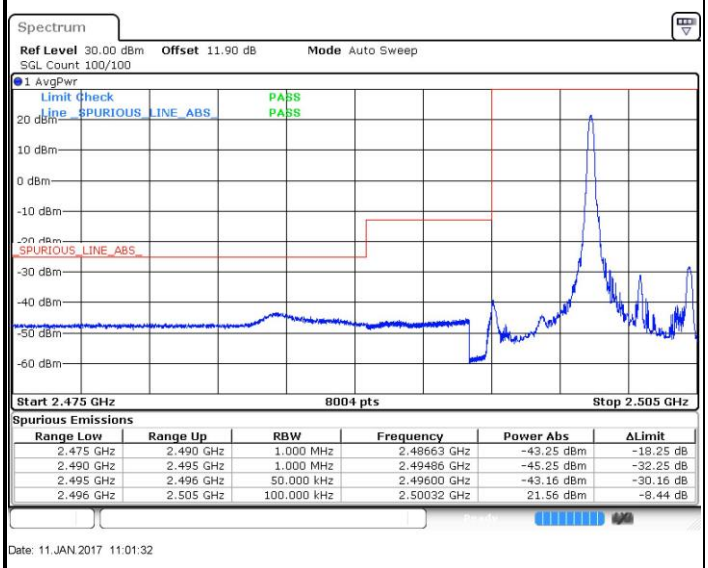
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

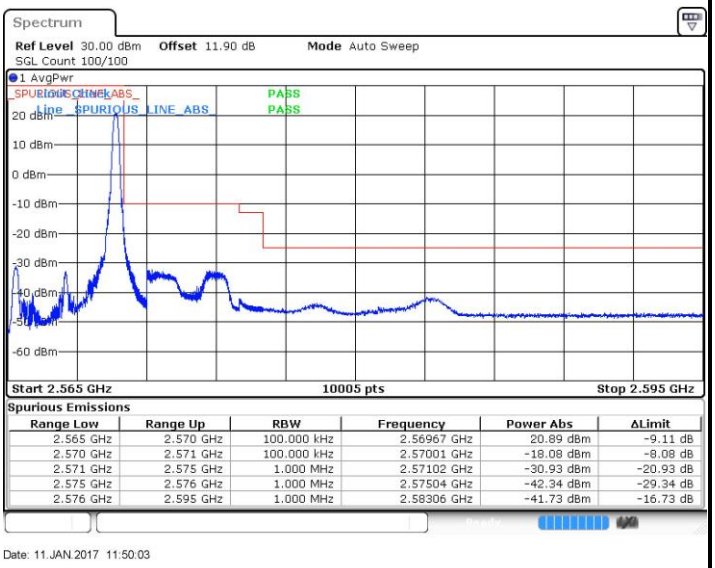


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48663 GHz	-43.25 dBm	-18.25 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49486 GHz	-45.25 dBm	-32.25 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-43.16 dBm	-30.16 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	21.56 dBm	-8.44 dB

Date: 11.JAN.2017 11:01:32

Highest Band Edge / 1 RB

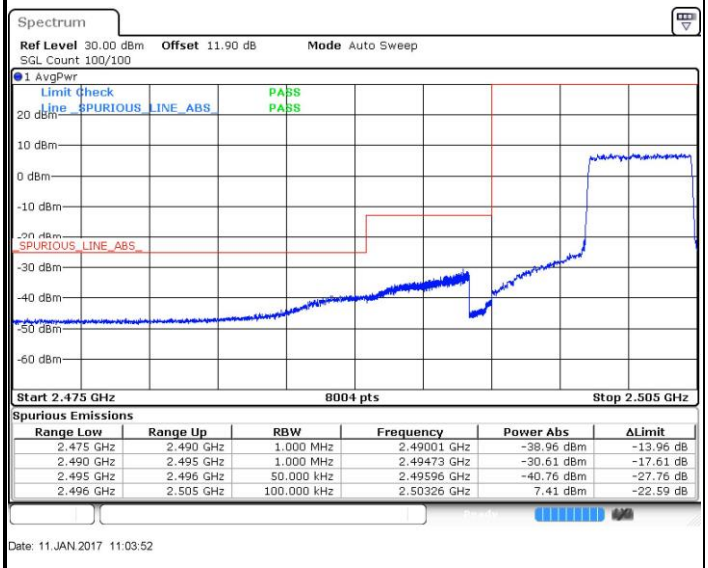


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	20.89 dBm	-9.11 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-18.08 dBm	-8.08 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-30.93 dBm	-20.93 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-42.34 dBm	-29.34 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.58306 GHz	-41.73 dBm	-16.73 dB

Date: 11.JAN.2017 11:50:03

Lowest Band Edge / Full RB

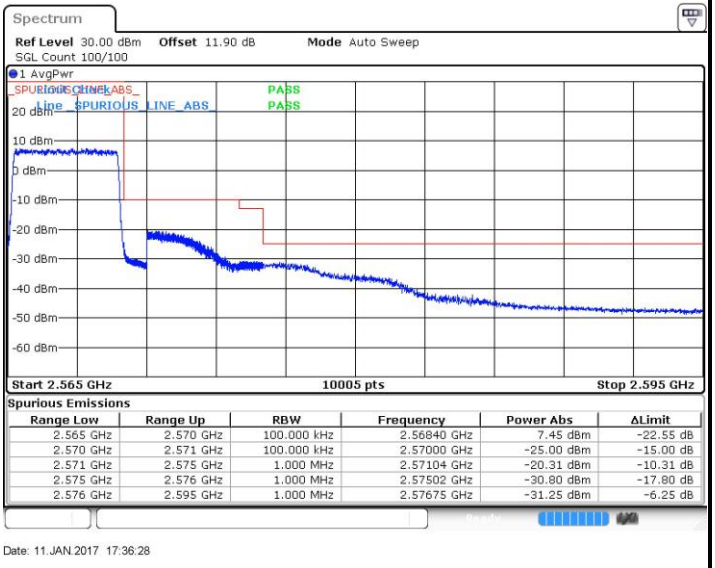


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49001 GHz	-38.96 dBm	-13.96 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49473 GHz	-30.61 dBm	-17.61 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49596 GHz	-40.76 dBm	-27.76 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50326 GHz	7.41 dBm	-22.59 dB

Date: 11.JAN.2017 11:03:52

Highest Band Edge / Full RB



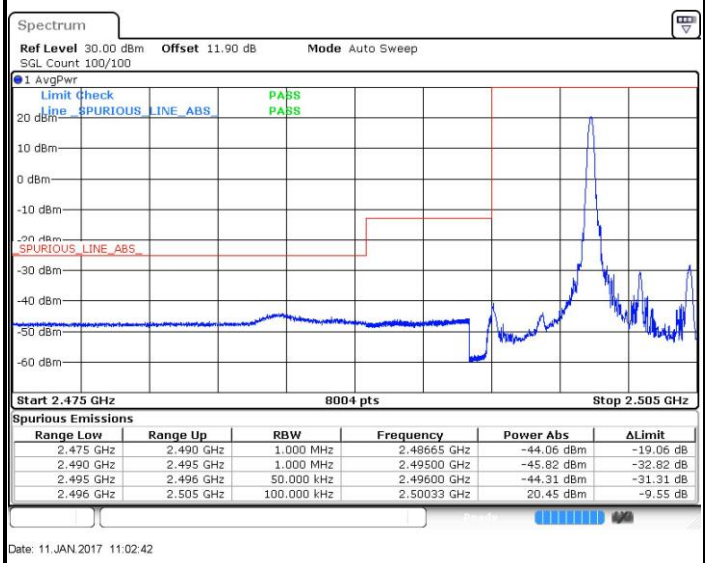
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56840 GHz	7.45 dBm	-22.55 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-25.00 dBm	-15.00 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-20.31 dBm	-10.31 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57502 GHz	-30.80 dBm	-17.80 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57675 GHz	-31.25 dBm	-6.25 dB

Date: 11.JAN.2017 17:36:28

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

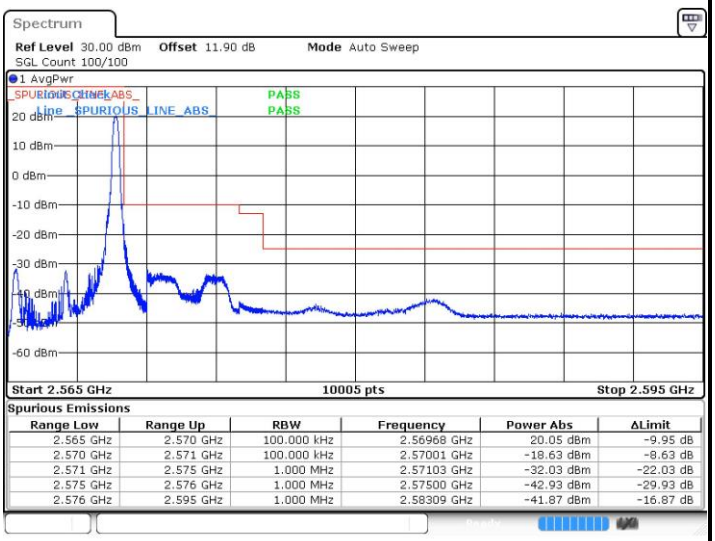


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48665 GHz	-44.06 dBm	-19.06 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49500 GHz	-45.82 dBm	-32.82 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-44.31 dBm	-31.31 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	20.45 dBm	-9.55 dB

Date: 11.JAN.2017 11:02:42

Highest Band Edge / 1 RB

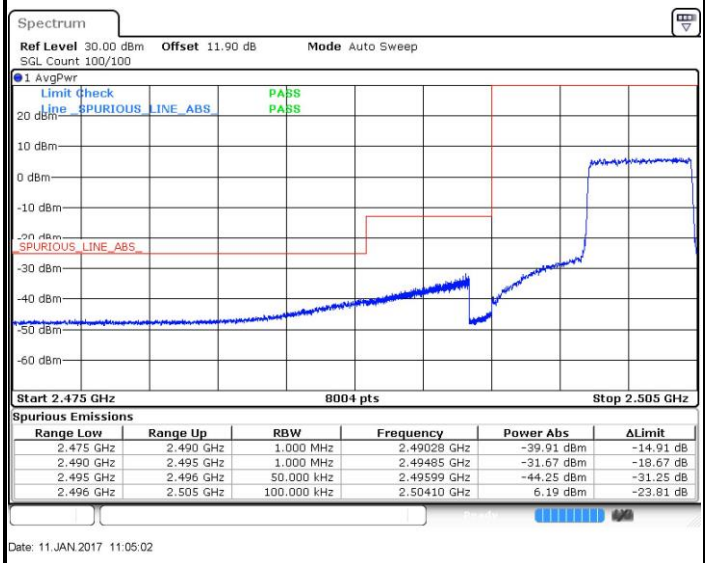


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	20.05 dBm	-9.95 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-18.63 dBm	-8.63 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-32.03 dBm	-22.03 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-42.93 dBm	-29.93 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.58309 GHz	-41.87 dBm	-16.87 dB

Date: 11.JAN.2017 11:51:13

Lowest Band Edge / Full RB

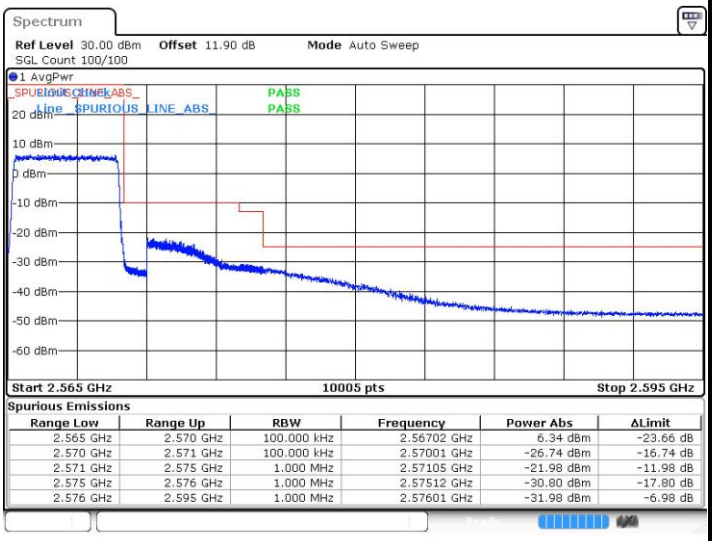


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49028 GHz	-39.91 dBm	-14.91 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49485 GHz	-31.67 dBm	-18.67 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-44.25 dBm	-31.25 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50410 GHz	6.19 dBm	-23.81 dB

Date: 11.JAN.2017 11:05:02

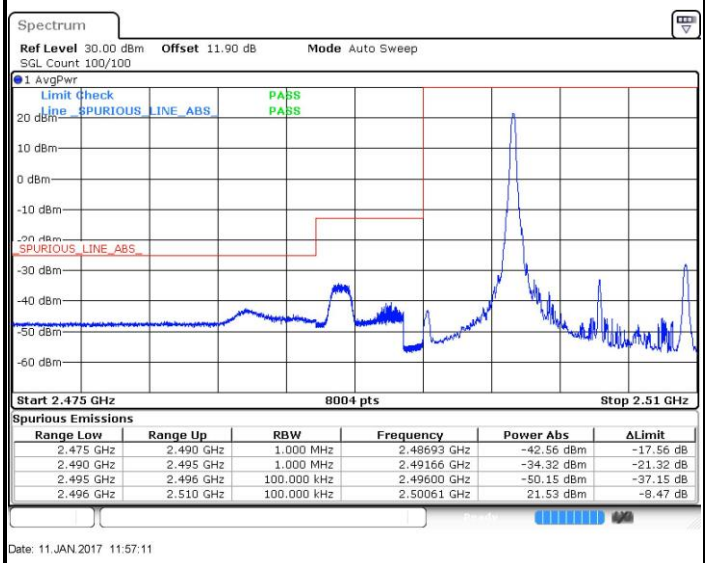
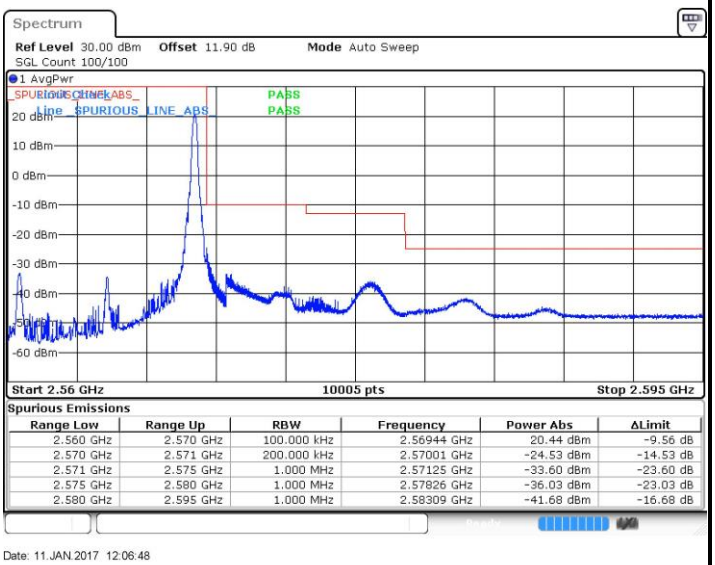
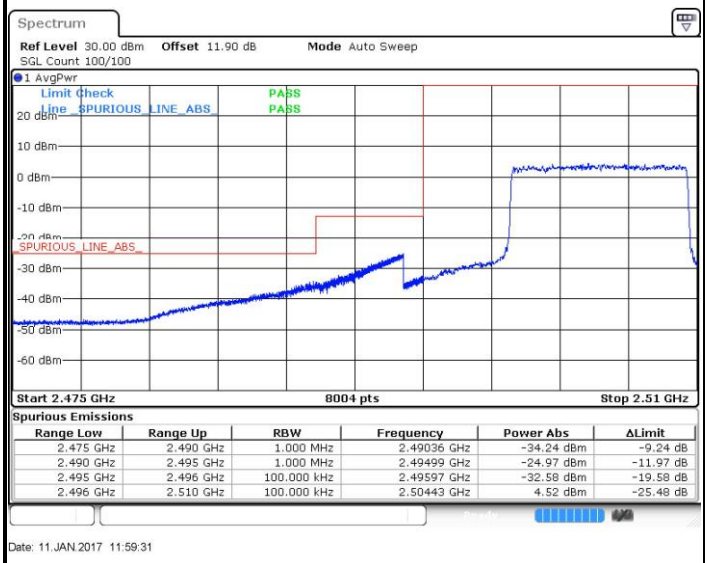
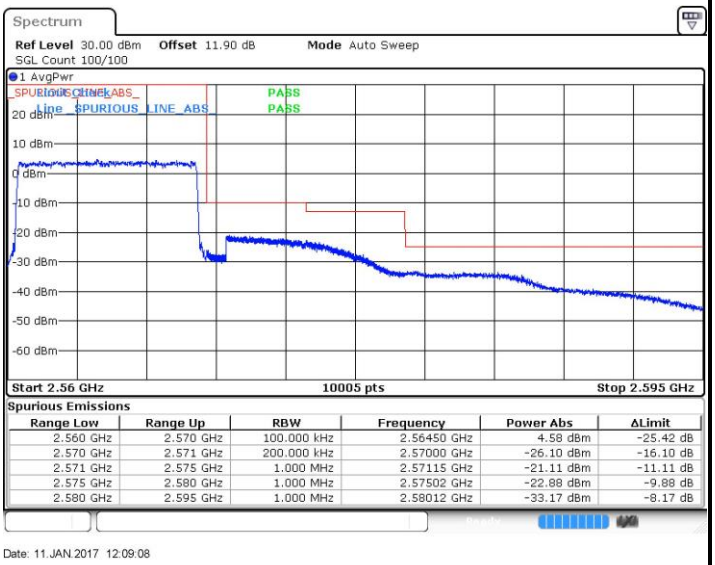
Highest Band Edge / Full RB



Spurious Emissions

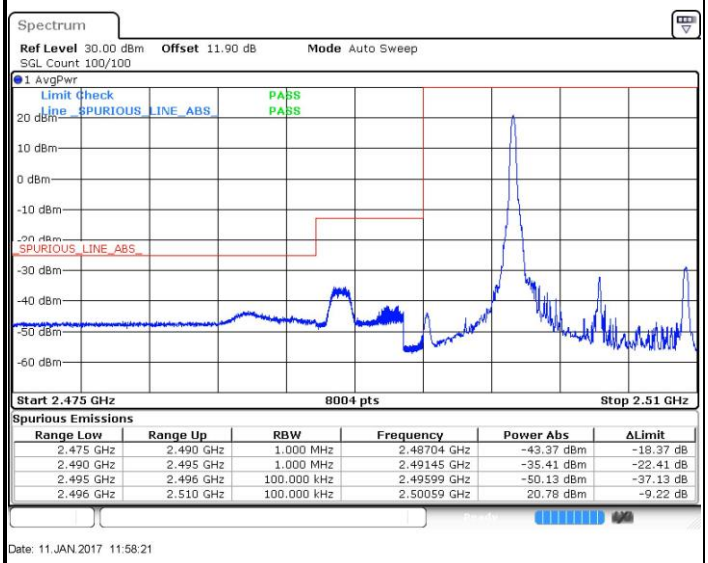
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56702 GHz	6.34 dBm	-23.66 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-26.74 dBm	-16.74 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-21.98 dBm	-11.98 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57512 GHz	-30.80 dBm	-17.80 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57601 GHz	-31.98 dBm	-6.98 dB

Date: 11.JAN.2017 11:53:32

LTE Band 7 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

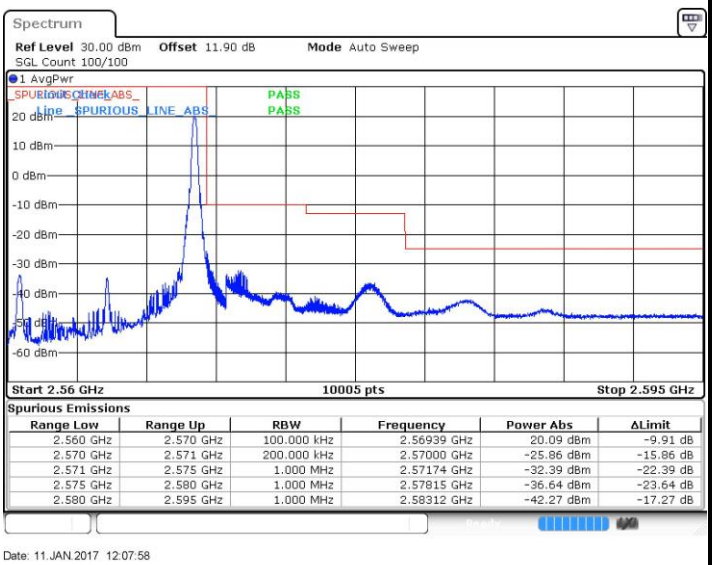


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48704 GHz	-43.37 dBm	-18.37 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49145 GHz	-35.41 dBm	-22.41 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-50.13 dBm	-37.13 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	20.78 dBm	-9.22 dB

Date: 11.JAN.2017 11:58:21

Highest Band Edge / 1 RB

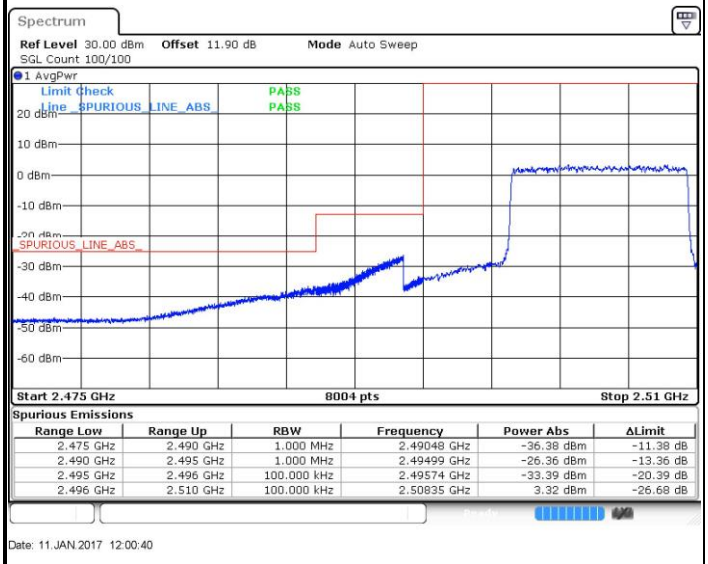


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56939 GHz	20.09 dBm	-9.91 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-25.86 dBm	-15.86 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57174 GHz	-32.39 dBm	-22.39 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57815 GHz	-36.64 dBm	-23.64 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58312 GHz	-42.27 dBm	-17.27 dB

Date: 11.JAN.2017 12:07:58

Lowest Band Edge / Full RB

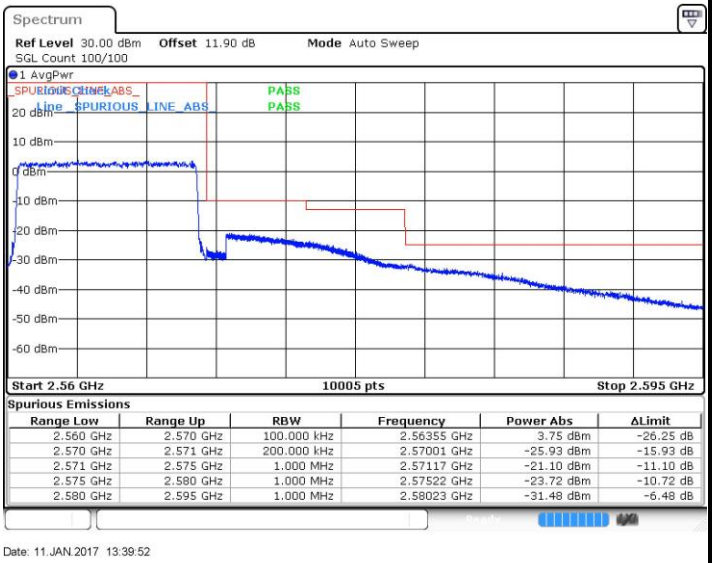


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-36.38 dBm	-11.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-26.36 dBm	-13.36 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49574 GHz	-33.39 dBm	-20.39 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50835 GHz	3.32 dBm	-26.68 dB

Date: 11.JAN.2017 12:00:40

Highest Band Edge / Full RB



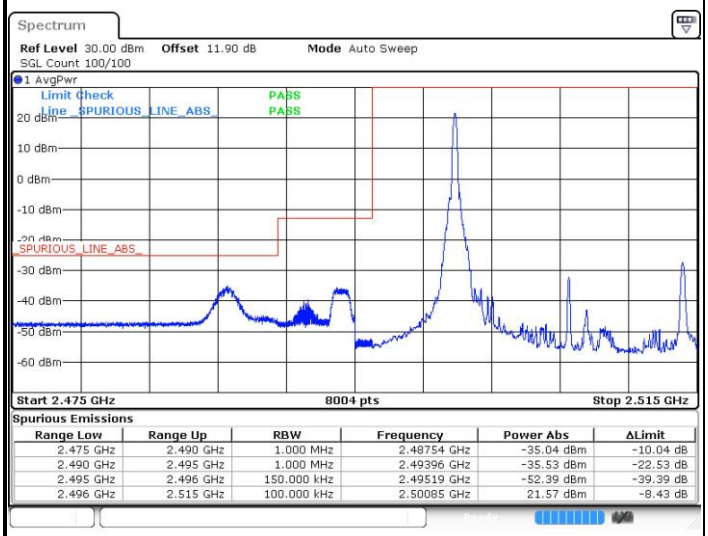
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56355 GHz	3.75 dBm	-26.25 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-25.93 dBm	-15.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-21.10 dBm	-11.10 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57522 GHz	-23.72 dBm	-10.72 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58023 GHz	-31.48 dBm	-6.48 dB

Date: 11.JAN.2017 13:39:52

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

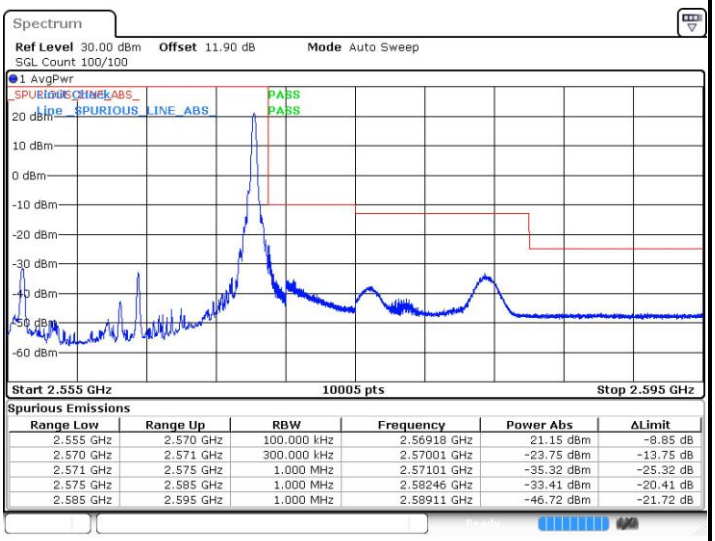


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48754 GHz	-35.04 dBm	-10.04 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49396 GHz	-35.53 dBm	-22.53 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49519 GHz	-52.39 dBm	-39.39 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	21.57 dBm	-8.43 dB

Date: 11.JAN.2017 13:43:31

Highest Band Edge / 1 RB

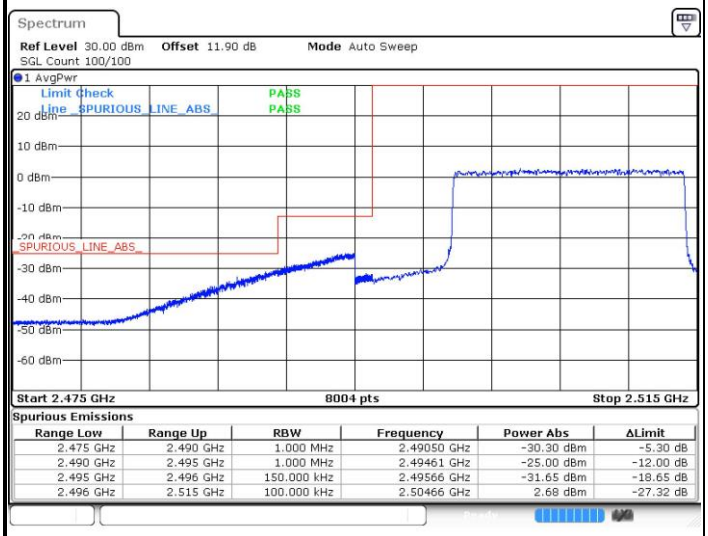


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56918 GHz	21.15 dBm	-8.85 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-23.75 dBm	-13.75 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-35.32 dBm	-25.32 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58246 GHz	-33.41 dBm	-20.41 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58911 GHz	-46.72 dBm	-21.72 dB

Date: 11.JAN.2017 13:53:10

Lowest Band Edge / Full RB

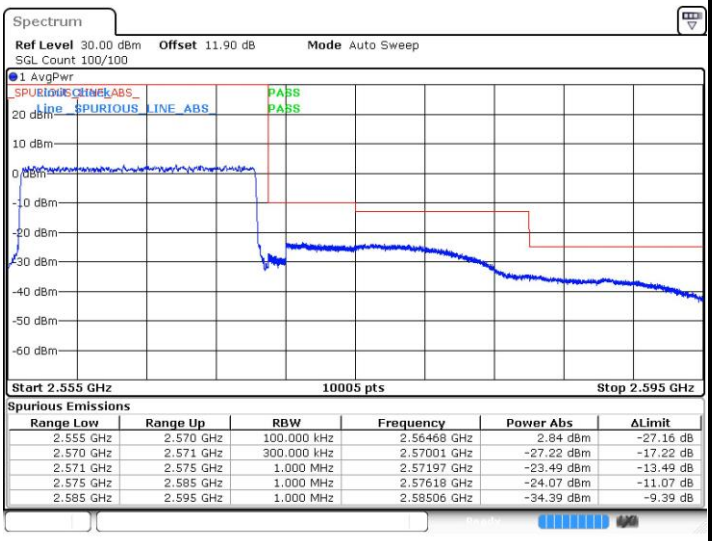


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-30.30 dBm	-5.30 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49461 GHz	-25.00 dBm	-12.00 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49566 GHz	-31.65 dBm	-18.65 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50466 GHz	2.68 dBm	-27.32 dB

Date: 11.JAN.2017 13:45:51

Highest Band Edge / Full RB



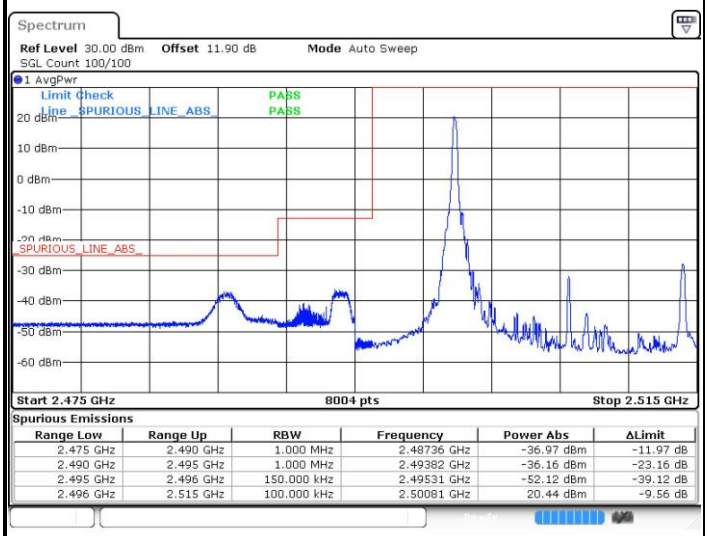
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56468 GHz	2.84 dBm	-27.16 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-27.22 dBm	-17.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57197 GHz	-23.49 dBm	-13.49 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57618 GHz	-24.07 dBm	-11.07 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58506 GHz	-34.39 dBm	-9.39 dB

Date: 11.JAN.2017 13:55:30

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

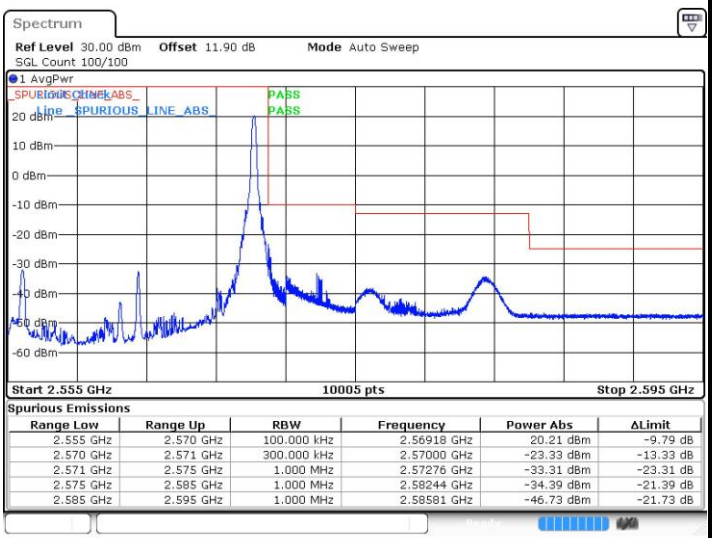


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48736 GHz	-36.97 dBm	-11.97 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49382 GHz	-36.16 dBm	-23.16 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49531 GHz	-52.12 dBm	-39.12 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50081 GHz	20.44 dBm	-9.56 dB

Date: 11.JAN.2017 13:44:41

Highest Band Edge / 1 RB

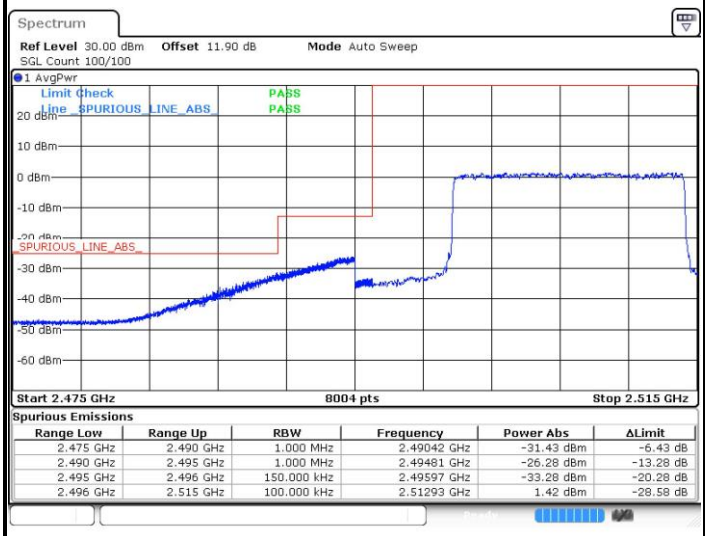


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56918 GHz	20.21 dBm	-9.79 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-23.33 dBm	-13.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57276 GHz	-33.31 dBm	-23.31 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58244 GHz	-34.39 dBm	-21.39 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58581 GHz	-46.73 dBm	-21.73 dB

Date: 11.JAN.2017 13:54:20

Lowest Band Edge / Full RB

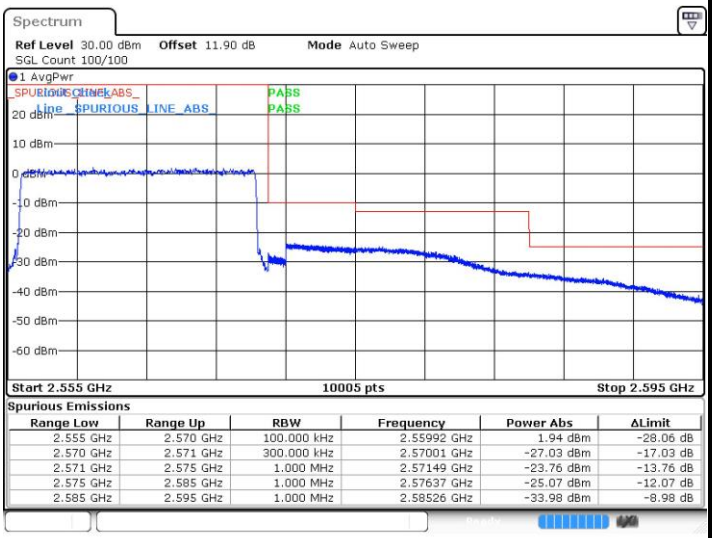


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-31.43 dBm	-6.43 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49481 GHz	-26.28 dBm	-13.28 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49597 GHz	-33.28 dBm	-20.28 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51293 GHz	1.42 dBm	-28.58 dB

Date: 11.JAN.2017 13:47:00

Highest Band Edge / Full RB



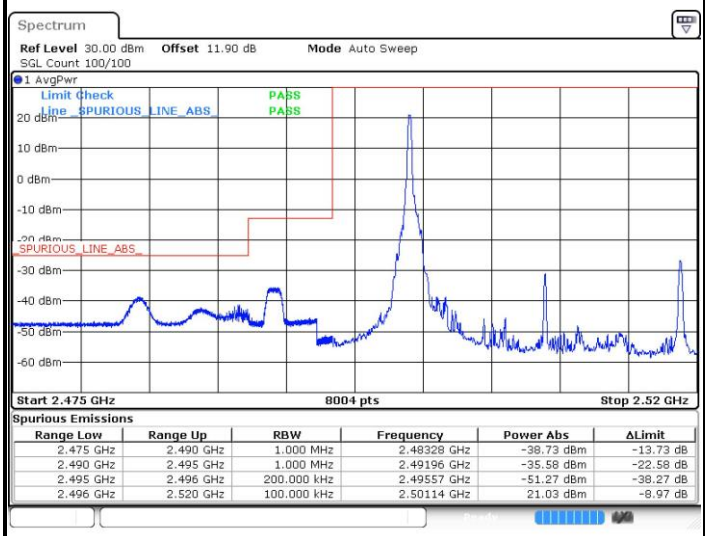
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55992 GHz	1.94 dBm	-28.06 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-27.03 dBm	-17.03 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57149 GHz	-23.76 dBm	-13.76 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57637 GHz	-25.07 dBm	-12.07 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58526 GHz	-33.98 dBm	-8.98 dB

Date: 11.JAN.2017 13:56:40

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

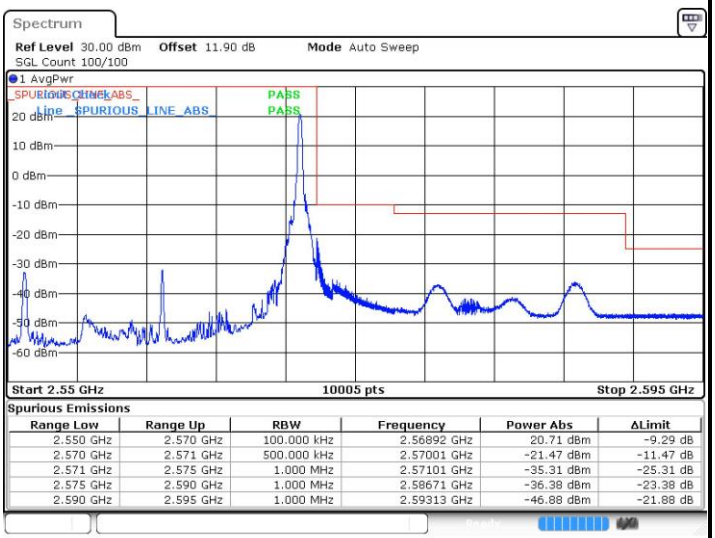


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48328 GHz	-38.73 dBm	-13.73 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49196 GHz	-35.58 dBm	-22.58 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49557 GHz	-51.27 dBm	-38.27 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50114 GHz	21.03 dBm	-8.97 dB

Date: 11.JAN.2017 14:00:19

Highest Band Edge / 1 RB

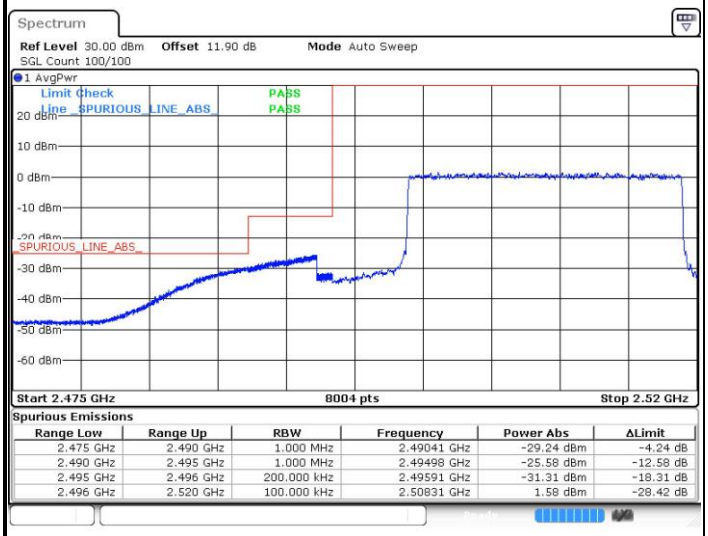


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	20.71 dBm	-9.29 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-21.47 dBm	-11.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-35.31 dBm	-25.31 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58671 GHz	-36.38 dBm	-23.38 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59313 GHz	-46.88 dBm	-21.88 dB

Date: 11.JAN.2017 14:11:35

Lowest Band Edge / Full RB

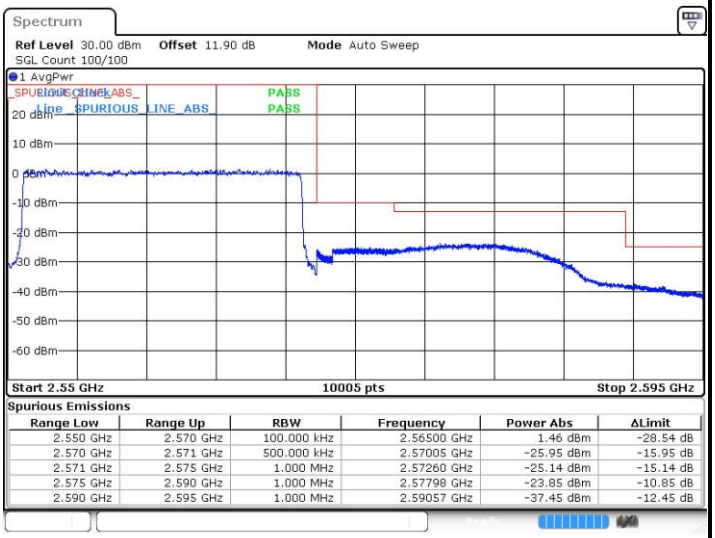


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-29.24 dBm	-4.24 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-25.58 dBm	-12.58 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49591 GHz	-31.31 dBm	-18.31 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50831 GHz	1.58 dBm	-28.42 dB

Date: 11.JAN.2017 14:02:39

Highest Band Edge / Full RB



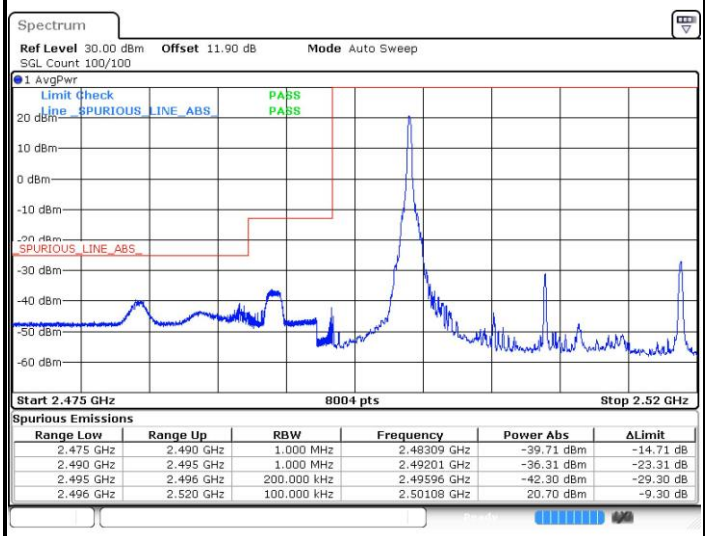
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56500 GHz	1.46 dBm	-28.54 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57005 GHz	-25.95 dBm	-15.95 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57260 GHz	-25.14 dBm	-15.14 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57798 GHz	-23.85 dBm	-10.85 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59057 GHz	-37.45 dBm	-12.45 dB

Date: 11.JAN.2017 14:15:05

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

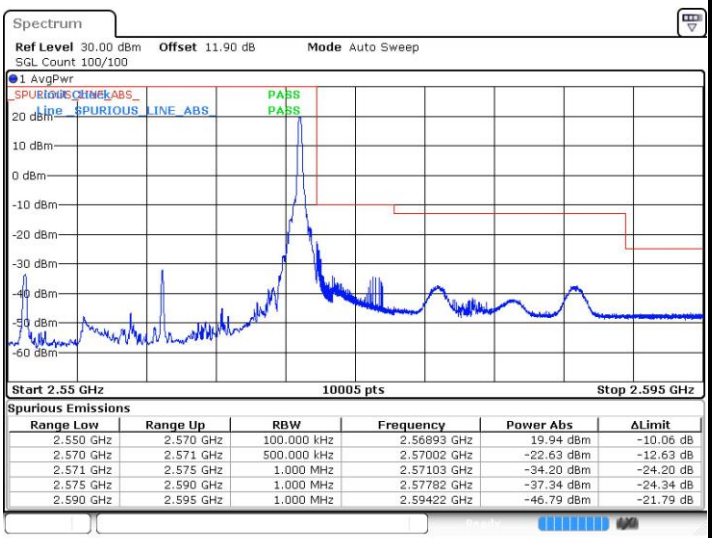


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48309 GHz	-39.71 dBm	-14.71 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49201 GHz	-36.31 dBm	-23.31 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49596 GHz	-42.30 dBm	-29.30 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	20.70 dBm	-9.30 dB

Date: 11.JAN.2017 14:01:29

Highest Band Edge / 1RB

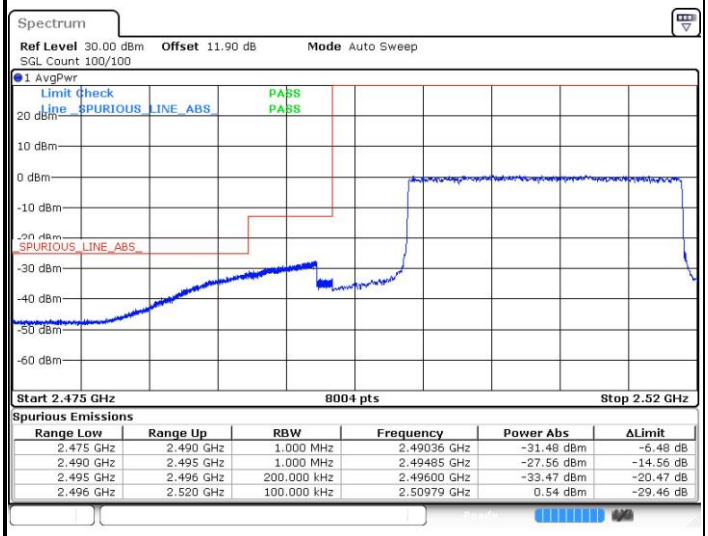


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	19.94 dBm	-10.06 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-22.63 dBm	-12.63 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-34.20 dBm	-24.20 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57782 GHz	-37.34 dBm	-24.34 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59422 GHz	-46.79 dBm	-21.79 dB

Date: 11.JAN.2017 14:12:45

Lowest Band Edge / Full RB

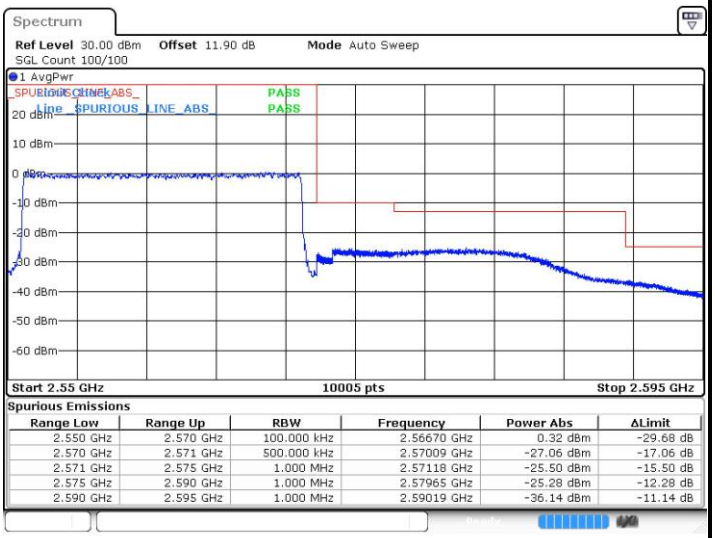


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49036 GHz	-31.48 dBm	-6.48 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49485 GHz	-27.56 dBm	-14.56 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49600 GHz	-33.47 dBm	-20.47 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50979 GHz	0.54 dBm	-29.46 dB

Date: 11.JAN.2017 14:03:49

Highest Band Edge / Full RB



Spurious Emissions

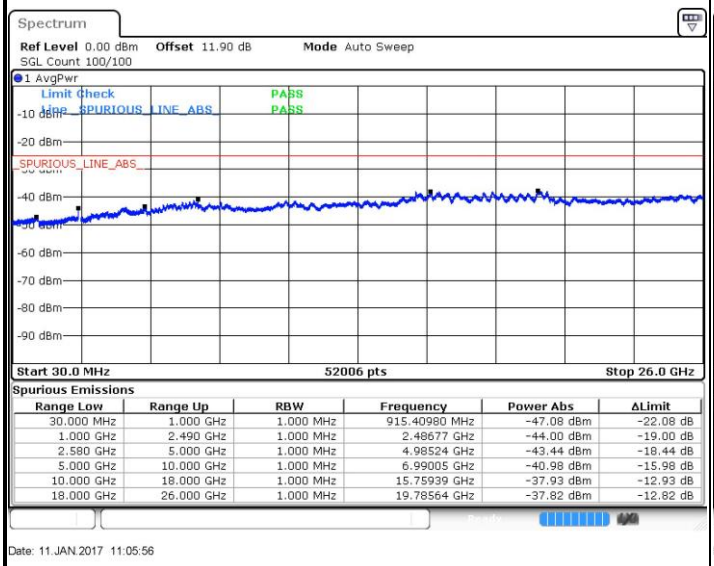
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56670 GHz	0.32 dBm	-29.68 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57009 GHz	-27.06 dBm	-17.06 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-25.50 dBm	-15.50 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57965 GHz	-25.28 dBm	-12.28 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59019 GHz	-36.14 dBm	-11.14 dB

Date: 11.JAN.2017 14:13:55

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

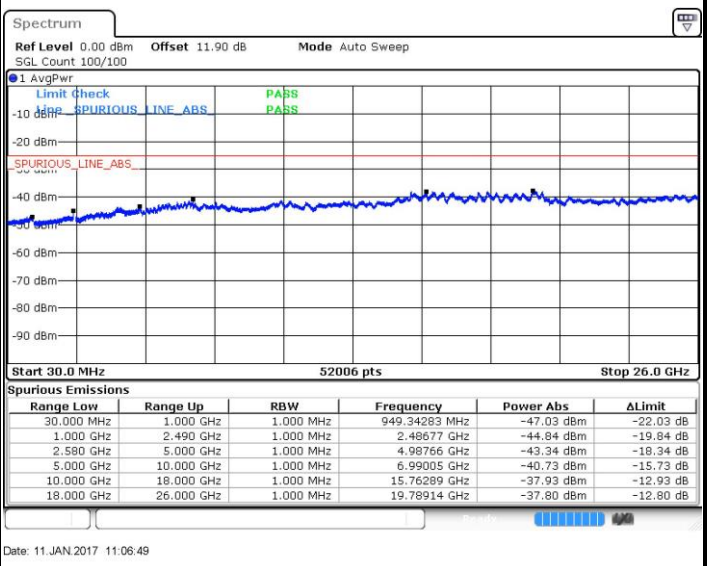


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-47.08 dBm	-22.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-44.00 dBm	-19.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-43.44 dBm	-18.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-40.98 dBm	-15.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75939 GHz	-37.93 dBm	-12.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78564 GHz	-37.82 dBm	-12.82 dB

Date: 11.JAN.2017 11:05:56

Lowest Channel / 16QAM

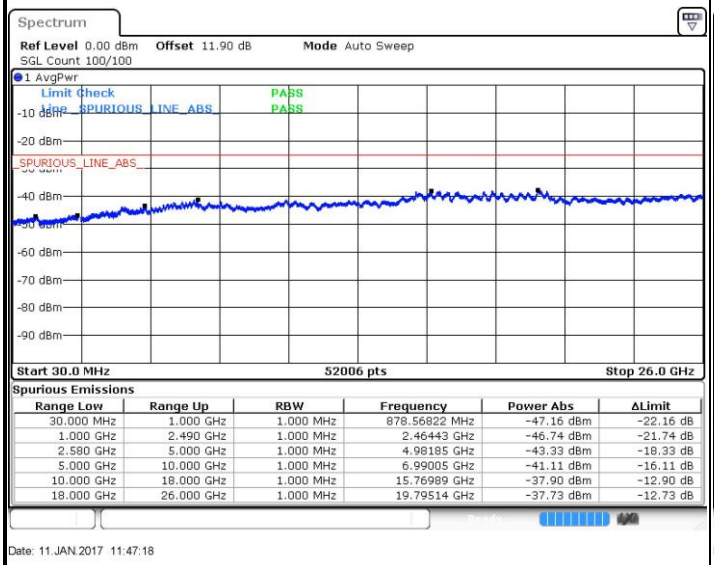


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-47.03 dBm	-22.03 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-44.84 dBm	-19.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-43.34 dBm	-18.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-40.73 dBm	-15.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76289 GHz	-37.93 dBm	-12.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78914 GHz	-37.80 dBm	-12.80 dB

Date: 11.JAN.2017 11:06:49

Middle Channel / QPSK

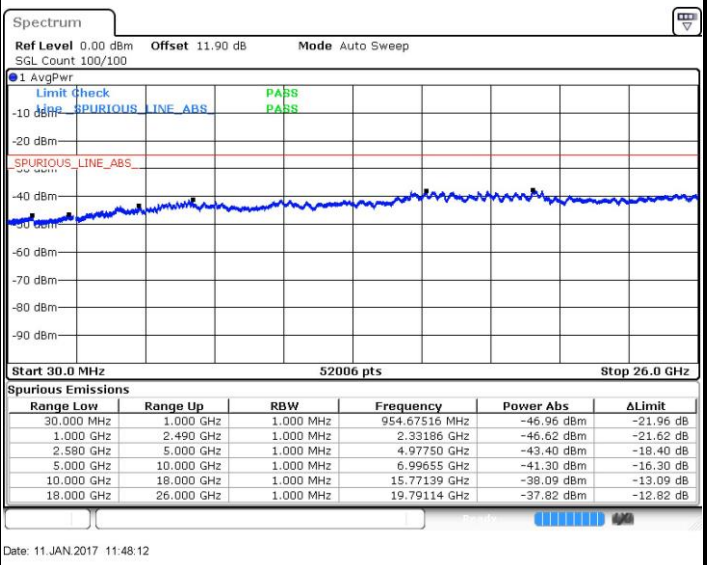


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.56822 MHz	-47.16 dBm	-22.16 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46443 GHz	-46.74 dBm	-21.74 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.33 dBm	-18.33 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	15.76989 GHz	-37.90 dBm	-12.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79514 GHz	-37.73 dBm	-12.73 dB

Date: 11.JAN.2017 11:47:18

Middle Channel / 16QAM



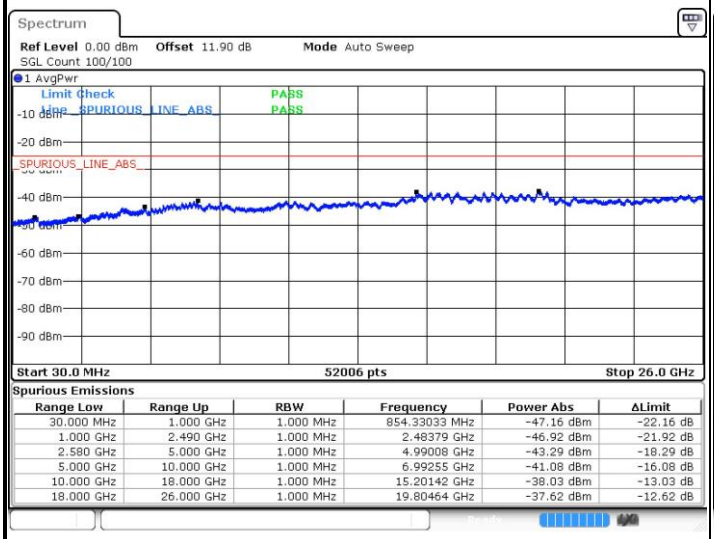
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-46.96 dBm	-21.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33186 GHz	-46.62 dBm	-21.62 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97750 GHz	-43.40 dBm	-18.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99655 GHz	-41.30 dBm	-16.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77139 GHz	-38.09 dBm	-13.09 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79114 GHz	-37.82 dBm	-12.82 dB

Date: 11.JAN.2017 11:48:12

LTE Band 7 / 5MHz

Highest Channel / QPSK

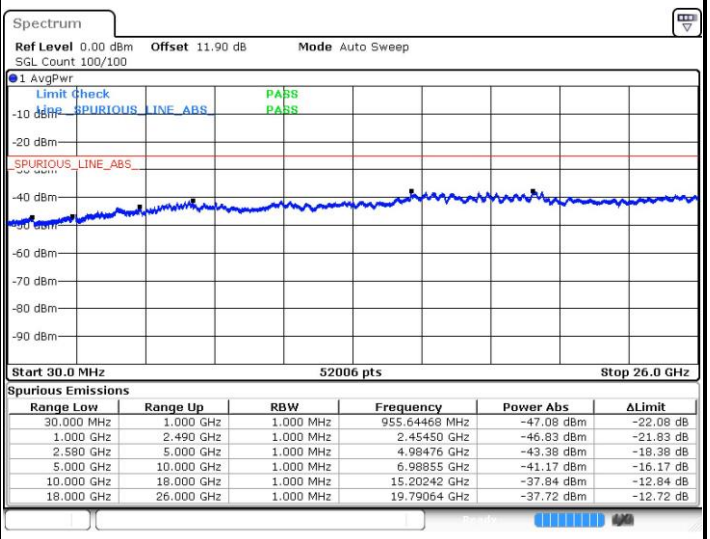


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.33033 MHz	-47.16 dBm	-22.16 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-46.92 dBm	-21.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99008 GHz	-43.29 dBm	-18.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-41.08 dBm	-16.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20142 GHz	-38.03 dBm	-13.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80464 GHz	-37.62 dBm	-12.62 dB

Date: 11.JAN.2017 11:54:27

Highest Channel / 16QAM



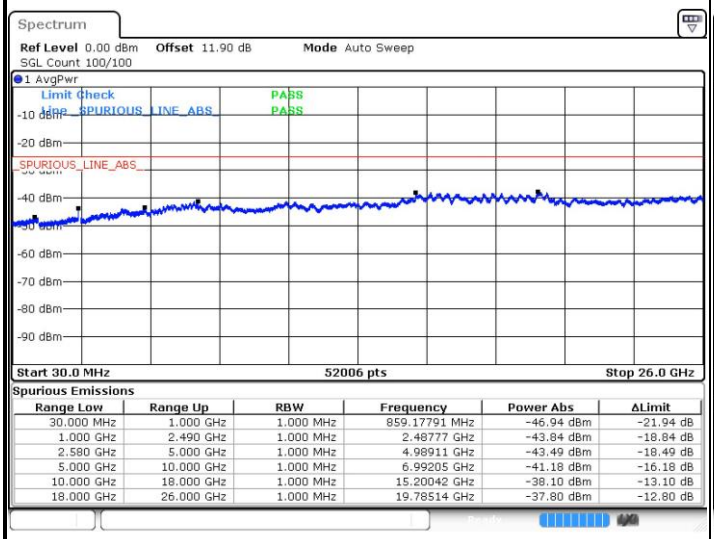
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-47.08 dBm	-22.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45450 GHz	-46.83 dBm	-21.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.38 dBm	-18.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98855 GHz	-41.17 dBm	-16.17 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20242 GHz	-37.84 dBm	-12.84 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-37.72 dBm	-12.72 dB

Date: 11.JAN.2017 11:55:20

LTE Band 7 / 10MHz

Lowest Channel / QPSK

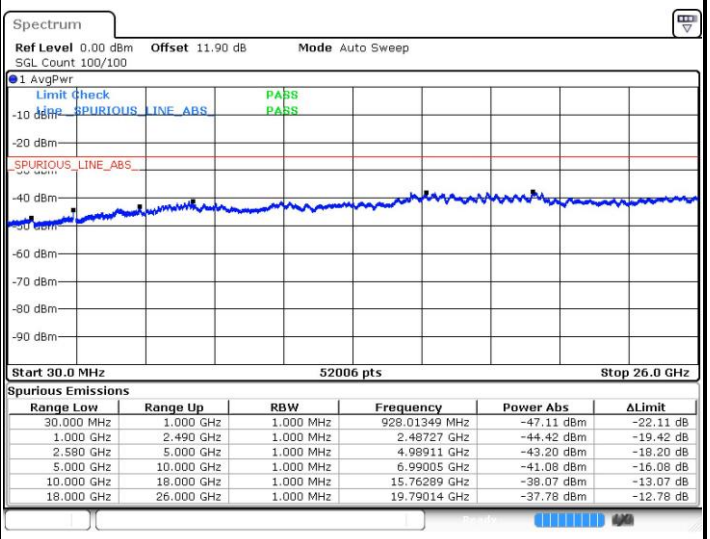


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-46.94 dBm	-21.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-43.84 dBm	-18.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-43.49 dBm	-18.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99205 GHz	-41.18 dBm	-16.18 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20042 GHz	-38.10 dBm	-13.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78514 GHz	-37.80 dBm	-12.80 dB

Date: 11.JAN.2017 12:01:34

Lowest Channel / 16QAM



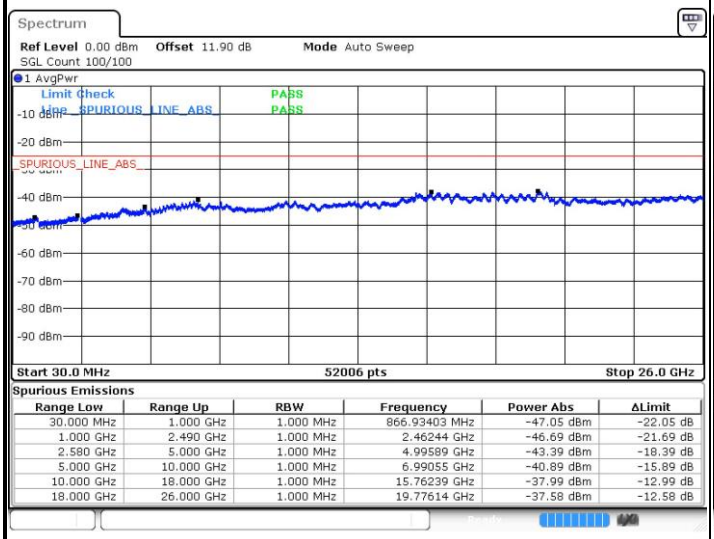
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-47.11 dBm	-22.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-44.42 dBm	-19.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-43.20 dBm	-18.20 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	15.76289 GHz	-38.07 dBm	-13.07 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79014 GHz	-37.78 dBm	-12.78 dB

Date: 11.JAN.2017 12:02:28

LTE Band 7 / 10MHz

Middle Channel / QPSK

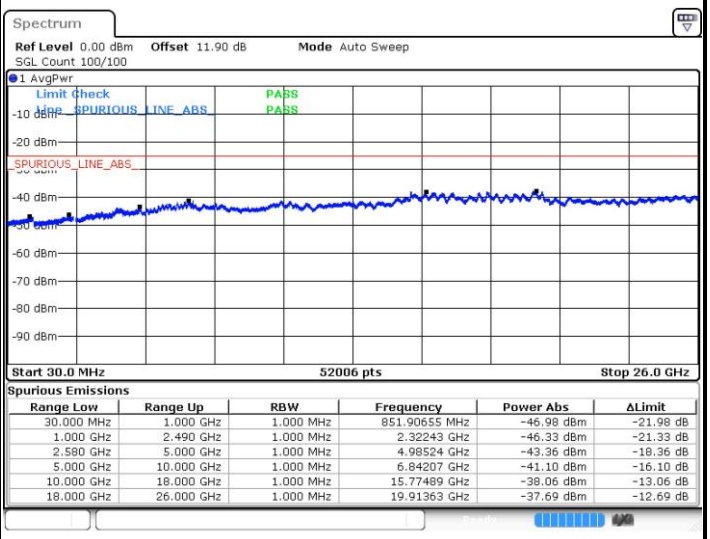


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	866.93403 MHz	-47.05 dBm	-22.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46244 GHz	-46.69 dBm	-21.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99589 GHz	-43.39 dBm	-18.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-40.89 dBm	-15.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76239 GHz	-37.99 dBm	-12.99 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77614 GHz	-37.58 dBm	-12.58 dB

Date: 11.JAN.2017 12:04:03

Middle Channel / 16QAM

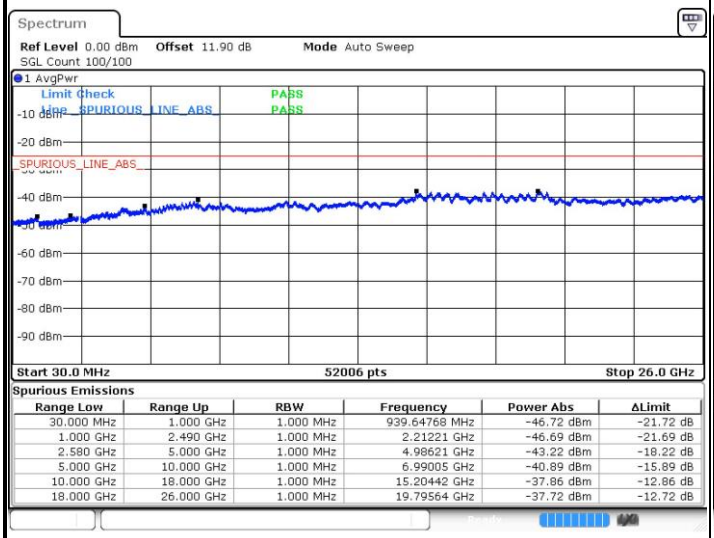


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	851.90655 MHz	-46.98 dBm	-21.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32243 GHz	-46.33 dBm	-21.33 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-43.36 dBm	-18.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84207 GHz	-41.10 dBm	-16.10 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77489 GHz	-38.06 dBm	-13.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91363 GHz	-37.69 dBm	-12.69 dB

Date: 11.JAN.2017 12:04:57

Highest Channel / QPSK

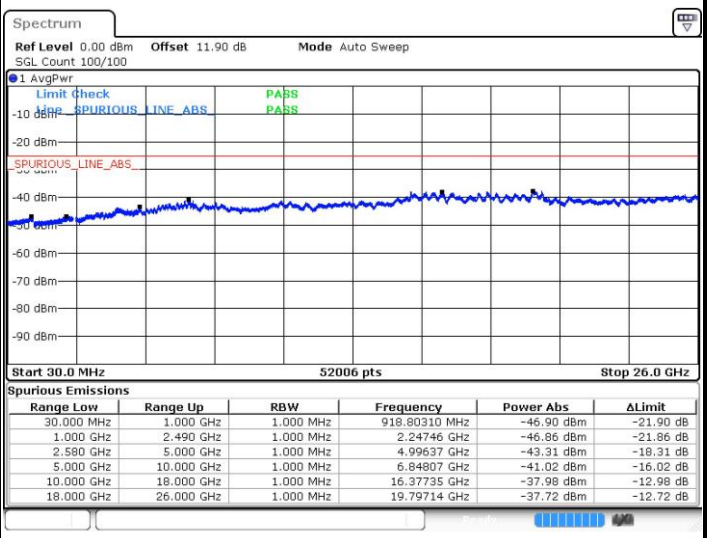


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-46.72 dBm	-21.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.21221 GHz	-46.69 dBm	-21.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-43.22 dBm	-18.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-40.89 dBm	-15.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20442 GHz	-37.86 dBm	-12.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79564 GHz	-37.72 dBm	-12.72 dB

Date: 11.JAN.2017 13:40:46

Highest Channel / 16QAM



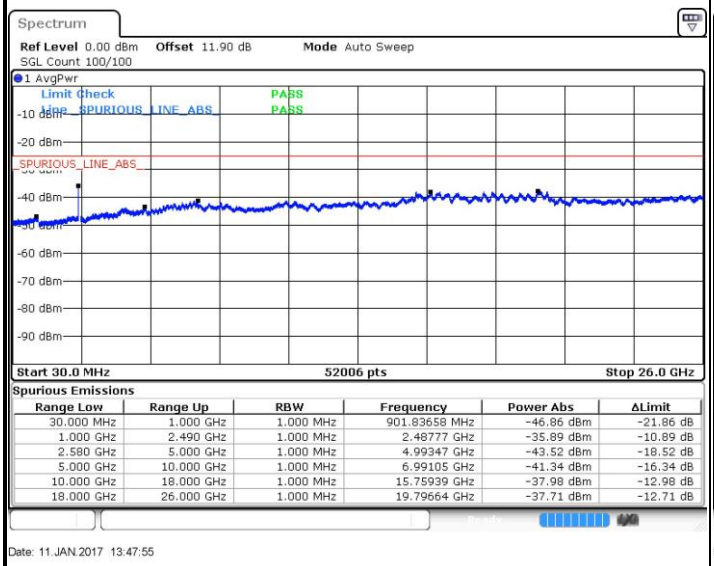
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-46.90 dBm	-21.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.24746 GHz	-46.86 dBm	-21.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99637 GHz	-43.31 dBm	-18.31 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84807 GHz	-41.02 dBm	-16.02 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.37735 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-37.72 dBm	-12.72 dB

Date: 11.JAN.2017 13:41:39

LTE Band 7 / 15MHz

Lowest Channel / QPSK

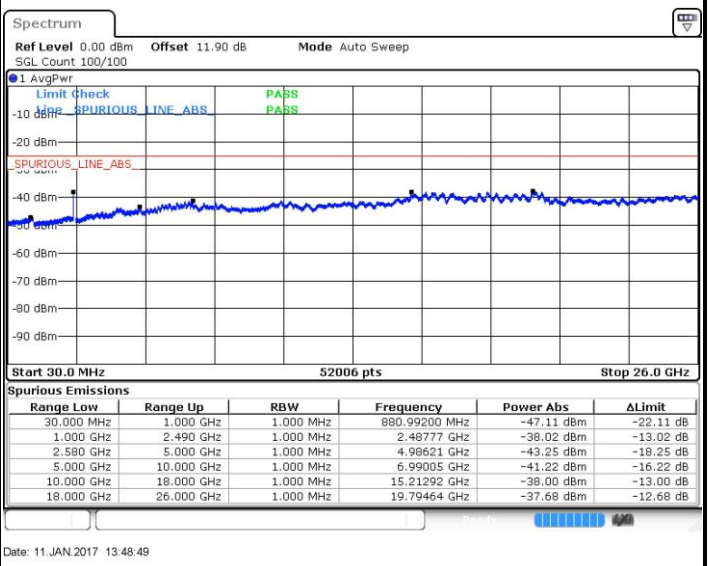


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-46.86 dBm	-21.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-35.89 dBm	-10.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99347 GHz	-43.52 dBm	-18.52 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-41.34 dBm	-16.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75939 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79664 GHz	-37.71 dBm	-12.71 dB

Date: 11.JAN.2017 13:47:55

Lowest Channel / 16QAM

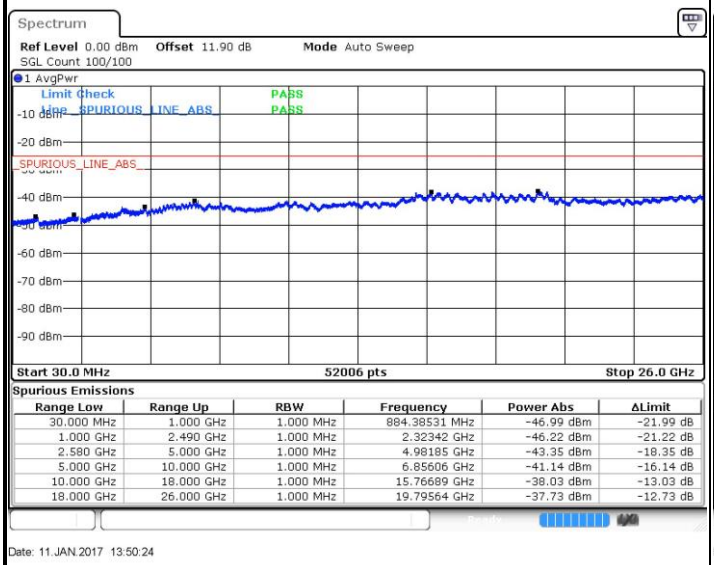


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-47.11 dBm	-22.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-38.02 dBm	-13.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-43.25 dBm	-18.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.22 dBm	-16.22 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.21292 GHz	-38.00 dBm	-13.00 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79464 GHz	-37.68 dBm	-12.68 dB

Date: 11.JAN.2017 13:48:49

Middle Channel / QPSK

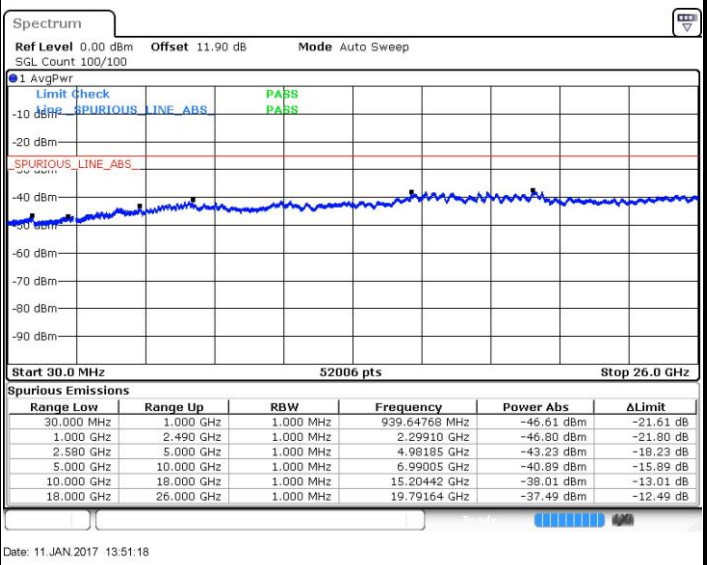


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-46.99 dBm	-21.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32342 GHz	-46.22 dBm	-21.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.35 dBm	-18.35 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85606 GHz	-41.14 dBm	-16.14 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76689 GHz	-38.03 dBm	-13.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79564 GHz	-37.73 dBm	-12.73 dB

Date: 11.JAN.2017 13:50:24

Middle Channel / 16QAM



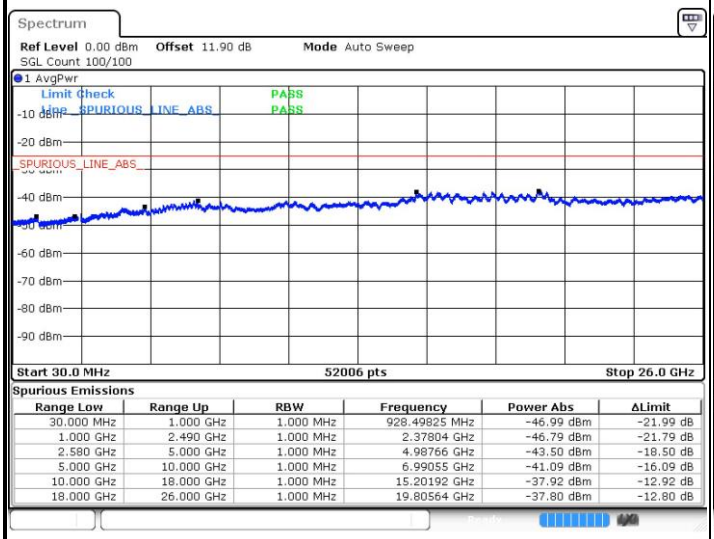
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-46.61 dBm	-21.61 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29910 GHz	-46.80 dBm	-21.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.23 dBm	-18.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-40.89 dBm	-15.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20442 GHz	-38.01 dBm	-13.01 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79164 GHz	-37.49 dBm	-12.49 dB

Date: 11.JAN.2017 13:51:18

LTE Band7 / 15MHz

Highest Channel / QPSK

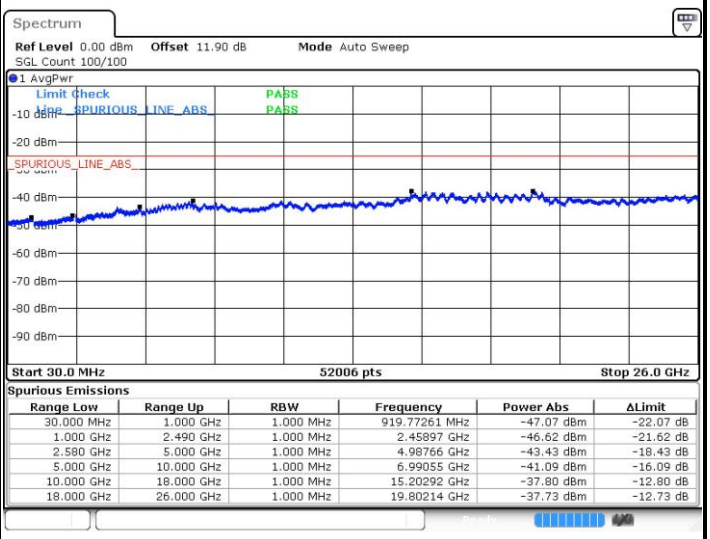


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-46.99 dBm	-21.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.37804 GHz	-46.79 dBm	-21.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-43.50 dBm	-18.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.09 dBm	-16.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20192 GHz	-37.92 dBm	-12.92 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80564 GHz	-37.80 dBm	-12.80 dB

Date: 11.JAN.2017 13:57:34

Highest Channel / 16QAM



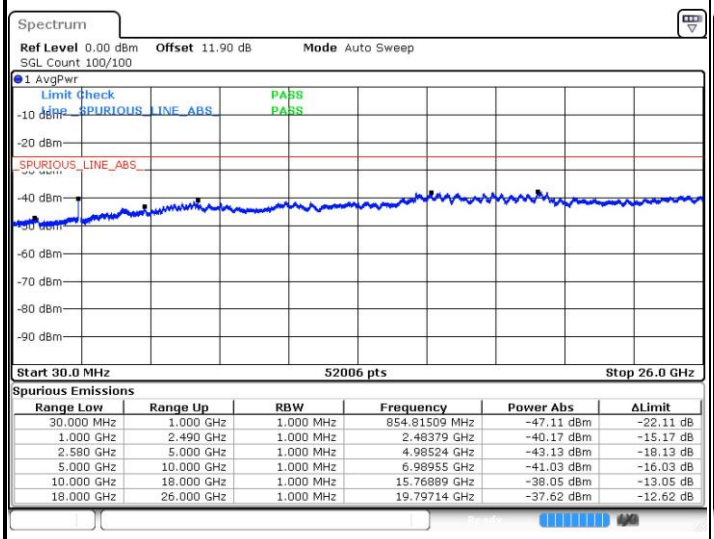
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-47.07 dBm	-22.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45897 GHz	-46.62 dBm	-21.62 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-43.43 dBm	-18.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.09 dBm	-16.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20292 GHz	-37.80 dBm	-12.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80214 GHz	-37.73 dBm	-12.73 dB

Date: 11.JAN.2017 13:58:28

LTE Band 7 / 20MHz

Lowest Channel / QPSK

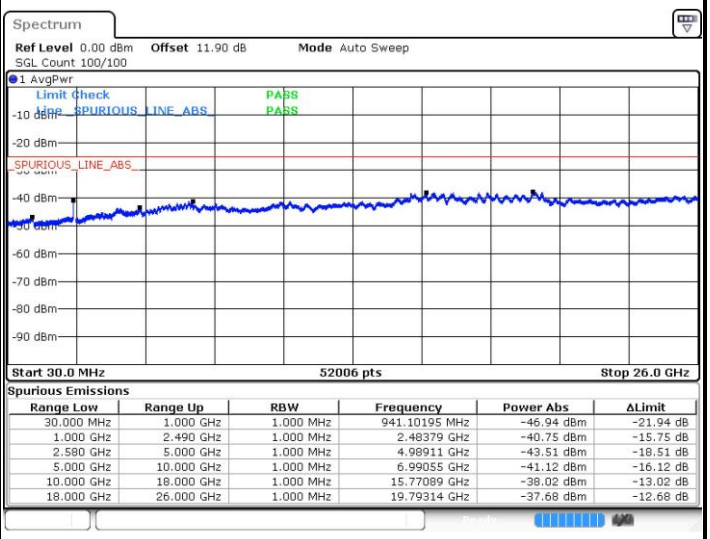


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.81509 MHz	-47.11 dBm	-22.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-40.17 dBm	-15.17 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-43.13 dBm	-18.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.03 dBm	-16.03 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76889 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-37.62 dBm	-12.62 dB

Date: 11.JAN.2017 14:04:43

Lowest Channel / 16QAM



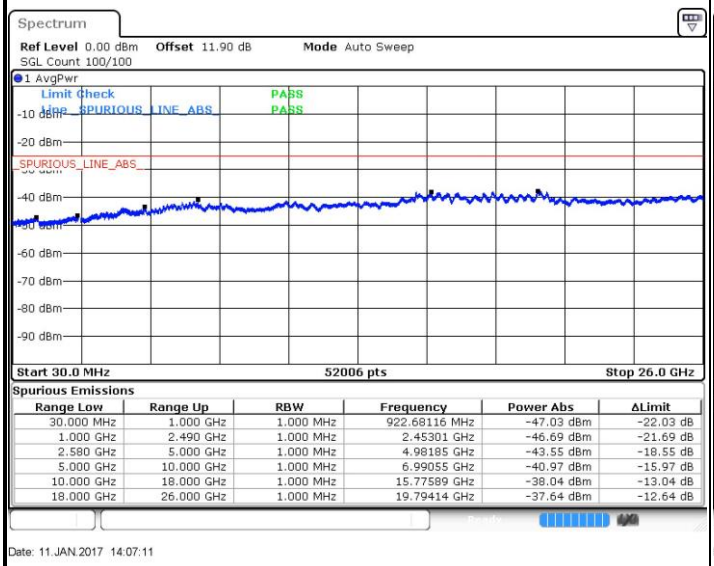
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-46.94 dBm	-21.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-40.75 dBm	-15.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-43.51 dBm	-18.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.12 dBm	-16.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77089 GHz	-38.02 dBm	-13.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79314 GHz	-37.68 dBm	-12.68 dB

Date: 11.JAN.2017 14:05:36

LTE Band 7 / 20MHz

Middle Channel / QPSK

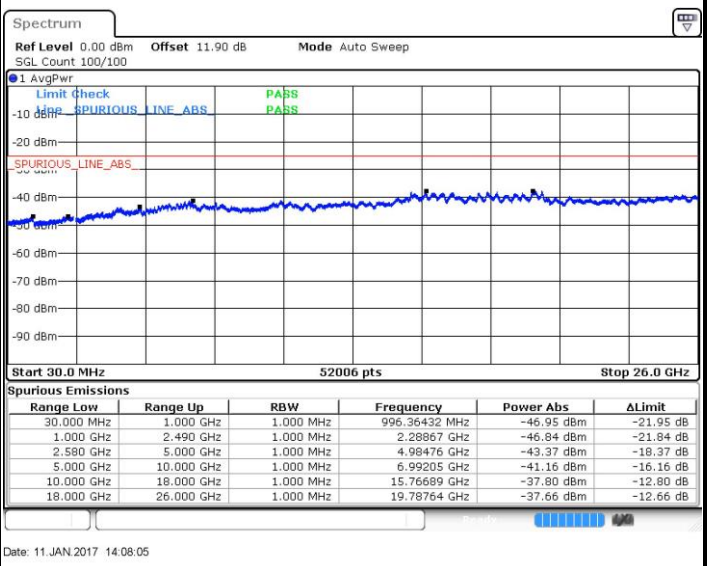


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-47.03 dBm	-22.03 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45301 GHz	-46.69 dBm	-21.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.55 dBm	-18.55 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	15.77589 GHz	-38.04 dBm	-13.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-37.64 dBm	-12.64 dB

Date: 11.JAN.2017 14:07:11

Middle Channel / 16QAM

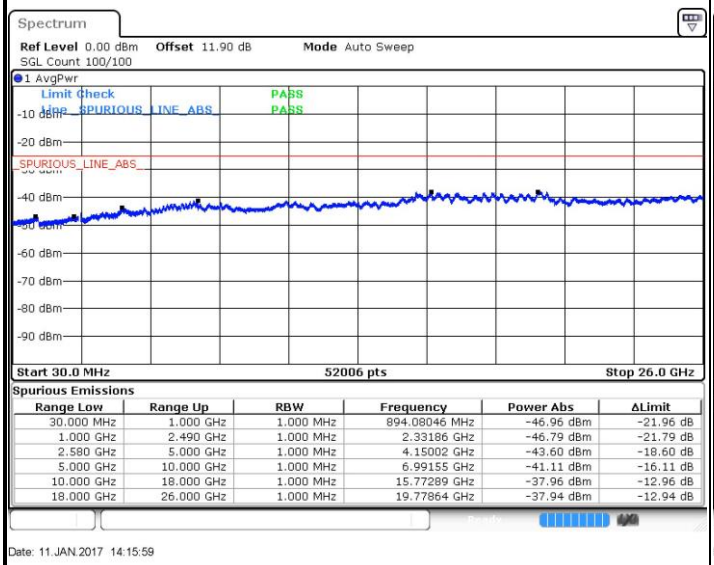


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-46.95 dBm	-21.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28867 GHz	-46.84 dBm	-21.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.37 dBm	-18.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99205 GHz	-41.16 dBm	-16.16 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76689 GHz	-37.80 dBm	-12.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78764 GHz	-37.66 dBm	-12.66 dB

Date: 11.JAN.2017 14:08:05

Highest Channel / QPSK

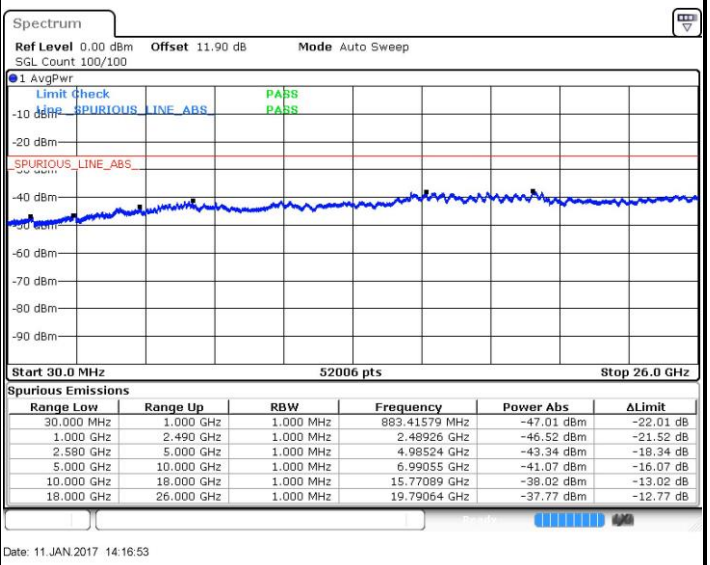


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.08046 MHz	-46.96 dBm	-21.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33186 GHz	-46.79 dBm	-21.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.15002 GHz	-43.60 dBm	-18.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.11 dBm	-16.11 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	19.77864 GHz	-37.94 dBm	-12.94 dB

Date: 11.JAN.2017 14:15:59

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-47.01 dBm	-22.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-46.52 dBm	-21.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-43.34 dBm	-18.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.07 dBm	-16.07 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77089 GHz	-38.02 dBm	-13.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-37.77 dBm	-12.77 dB

Date: 11.JAN.2017 14:16:53

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	0.0011	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

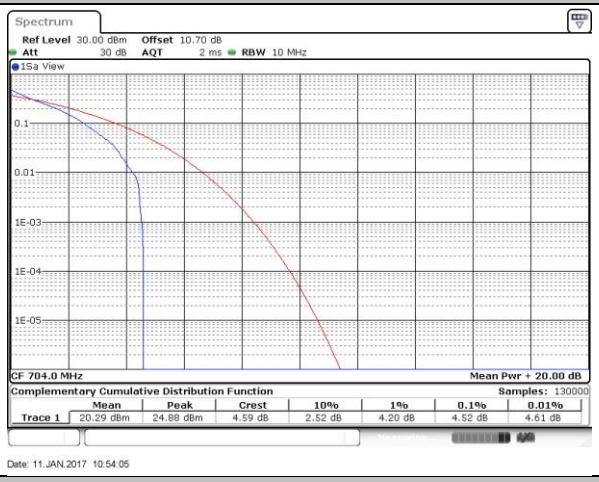
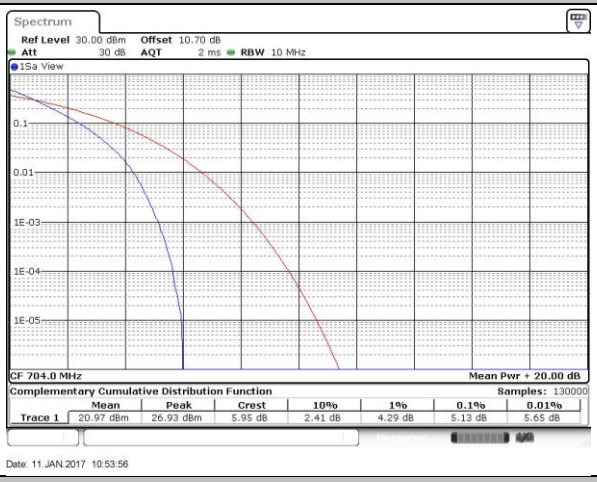
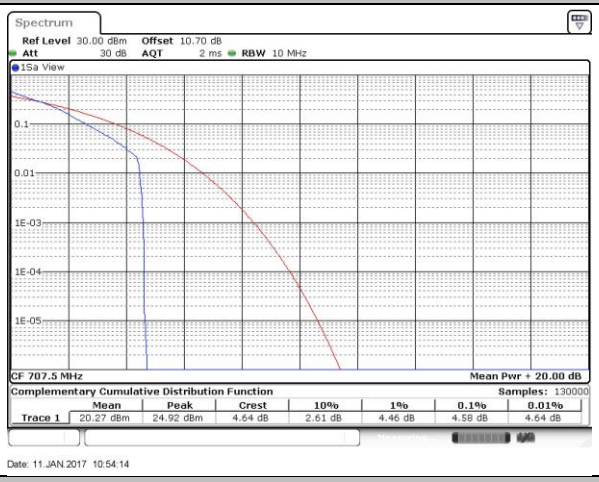
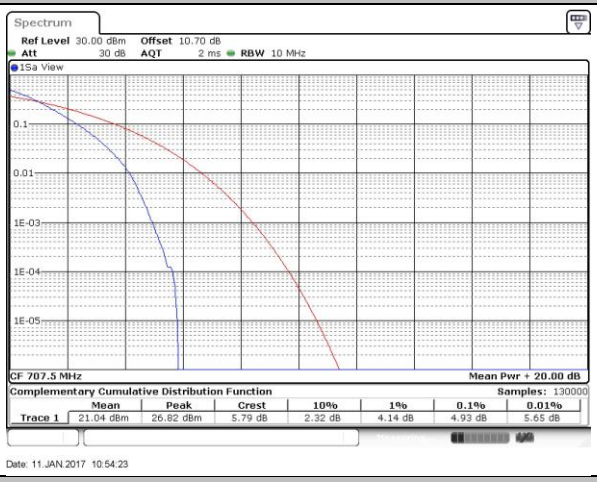
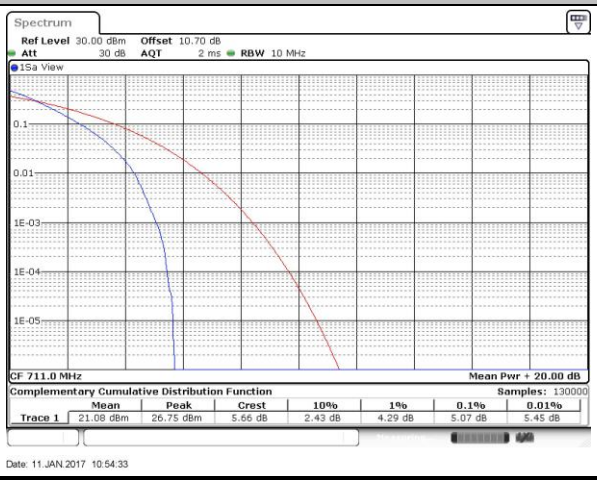
Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.52	5.13	5.42	5.91	PASS
Middle CH	4.58	4.93	5.3	5.83	
Highest CH	4.58	5.07	5.28	5.83	

LTE Band 12 / 10MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**