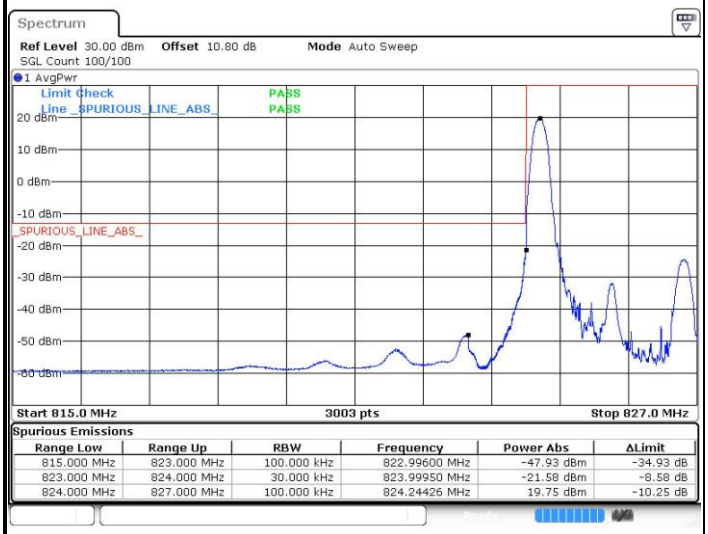
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

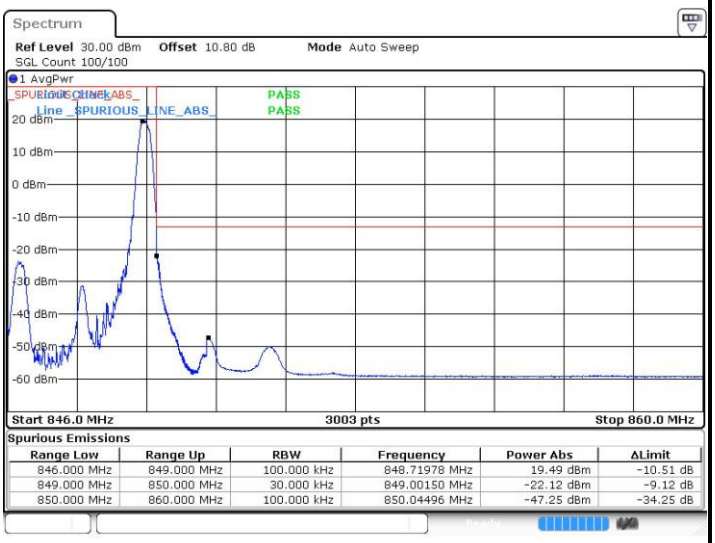


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-47.93 dBm	-34.93 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-21.58 dBm	-8.58 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.24426 MHz	19.75 dBm	-10.25 dB

Date: 27.APR.2017 14:58:16

Highest Band Edge /1 RB

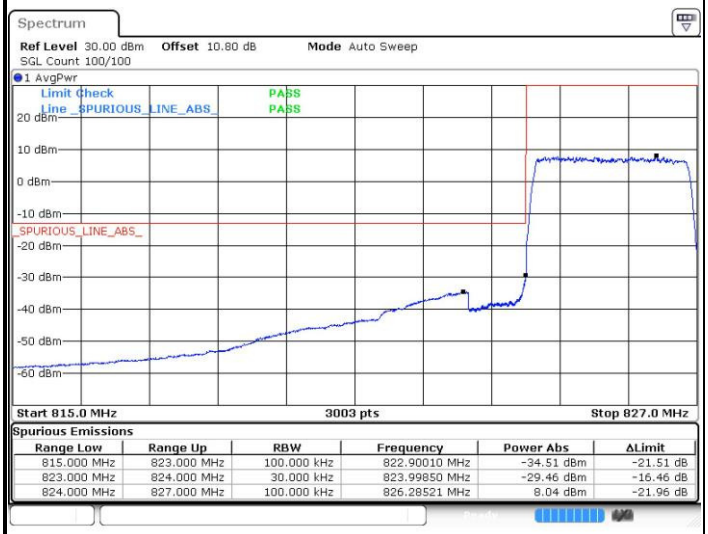


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.71978 MHz	19.49 dBm	-10.51 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-22.12 dBm	-9.12 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-47.25 dBm	-34.25 dB

Date: 27.APR.2017 15:04:04

Lowest Band Edge / Full RB

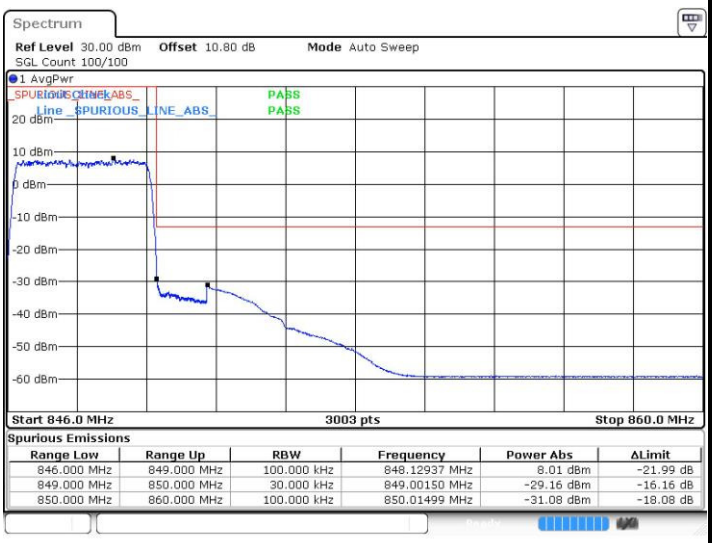


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90010 MHz	-34.51 dBm	-21.51 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-29.46 dBm	-16.46 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.28521 MHz	8.04 dBm	-21.96 dB

Date: 27.APR.2017 14:59:55

Highest Band Edge / Full RB



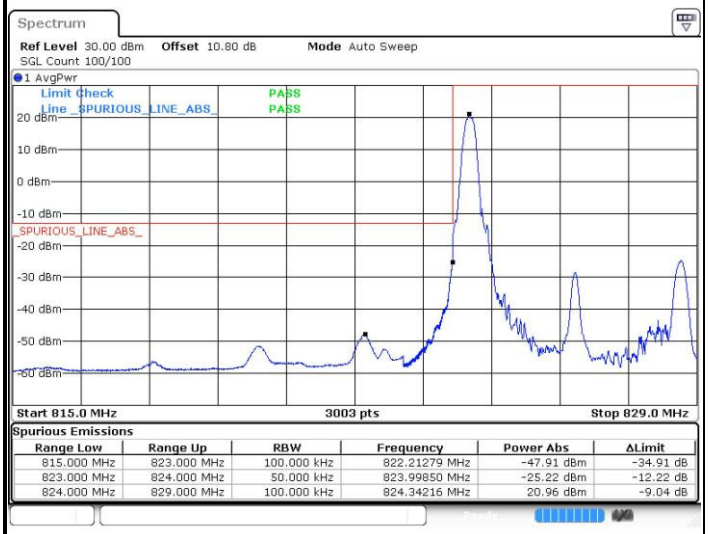
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.12937 MHz	8.01 dBm	-21.99 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-29.16 dBm	-16.16 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-31.08 dBm	-18.08 dB

Date: 27.APR.2017 15:05:43

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

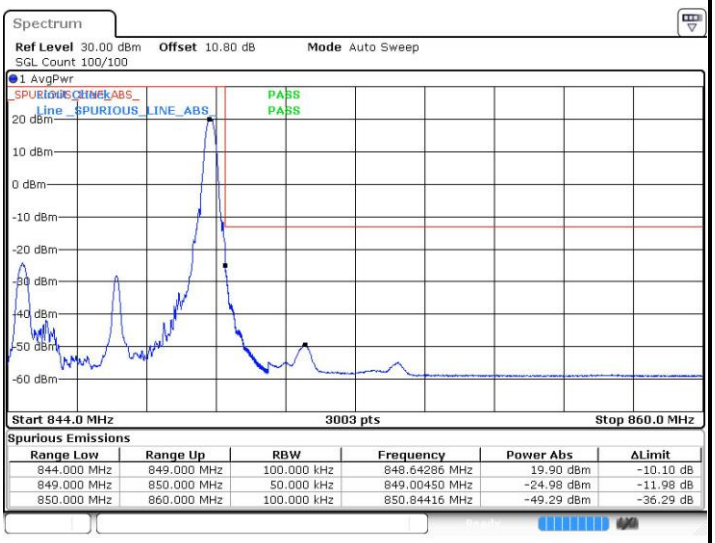


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.21279 MHz	-47.91 dBm	-34.91 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-25.22 dBm	-12.22 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34216 MHz	20.96 dBm	-9.04 dB

Date: 6.APR.2017 20:11:16

Highest Band Edge / 1 RB

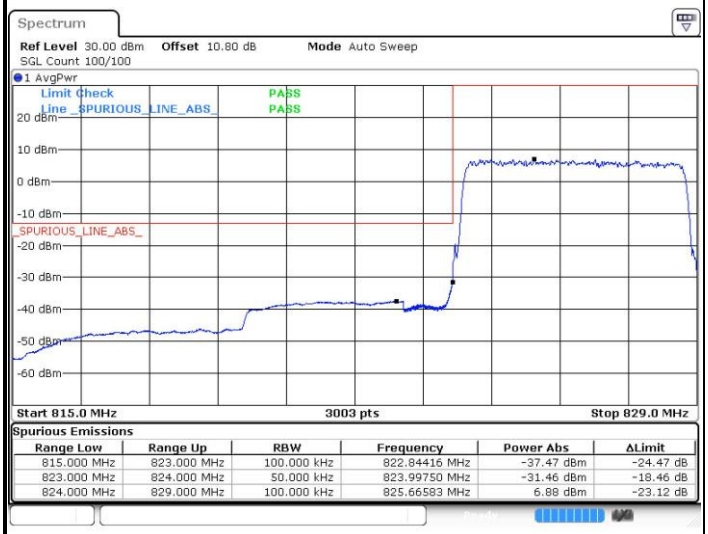


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.64286 MHz	19.90 dBm	-10.10 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00450 MHz	-24.98 dBm	-11.98 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.84416 MHz	-49.29 dBm	-36.29 dB

Date: 6.APR.2017 20:22:52

Lowest Band Edge / Full RB

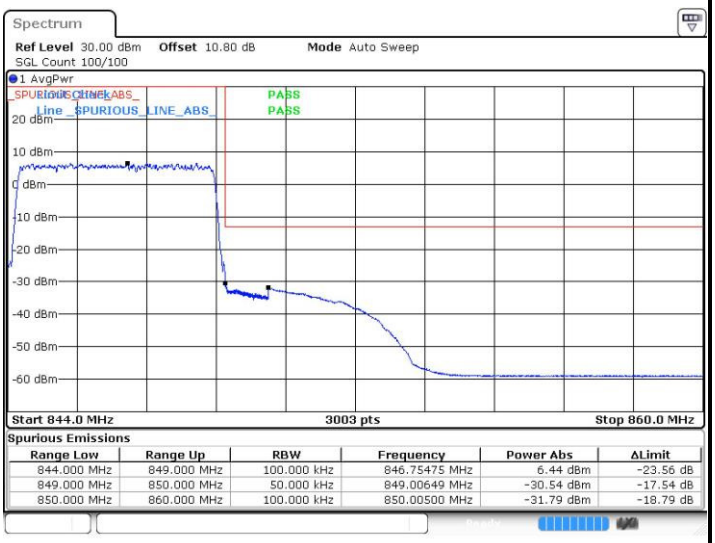


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.84416 MHz	-37.47 dBm	-24.47 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-31.46 dBm	-18.46 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.66583 MHz	6.88 dBm	-23.12 dB

Date: 6.APR.2017 20:14:34

Highest Band Edge / Full RB



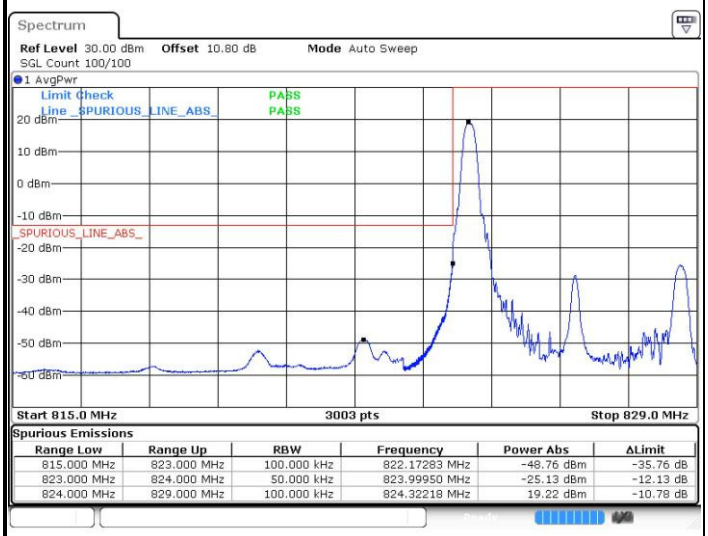
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.75475 MHz	6.44 dBm	-23.56 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00649 MHz	-30.54 dBm	-17.54 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-31.79 dBm	-18.79 dB

Date: 6.APR.2017 20:26:10

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

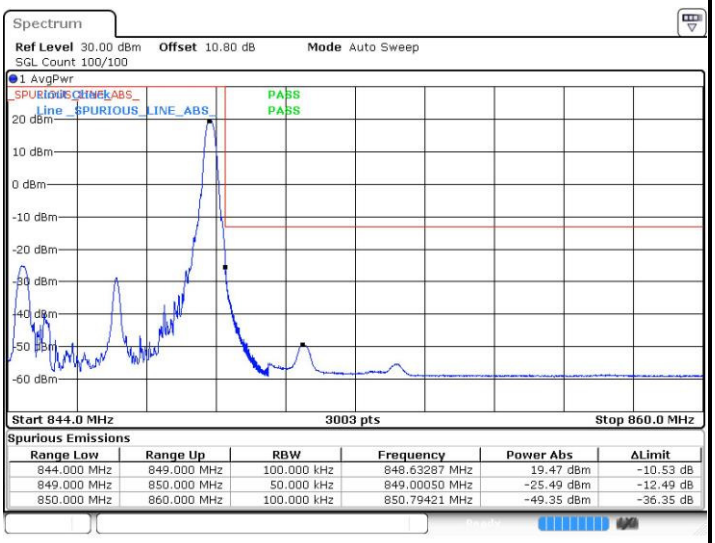


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.17283 MHz	-48.76 dBm	-35.76 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-25.13 dBm	-12.13 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.32218 MHz	19.22 dBm	-10.78 dB

Date: 6.APR.2017 20:12:55

Highest Band Edge / 1 RB

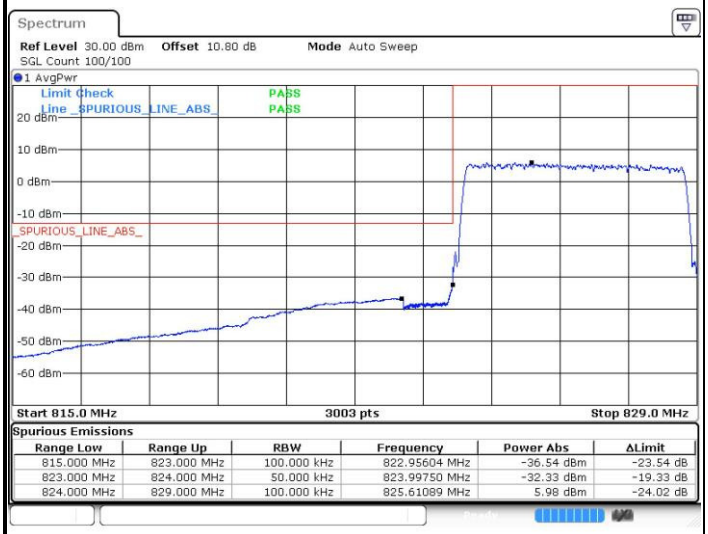


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.63287 MHz	19.47 dBm	-10.53 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-25.49 dBm	-12.49 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.79421 MHz	-49.35 dBm	-36.35 dB

Date: 6.APR.2017 20:24:31

Lowest Band Edge / Full RB

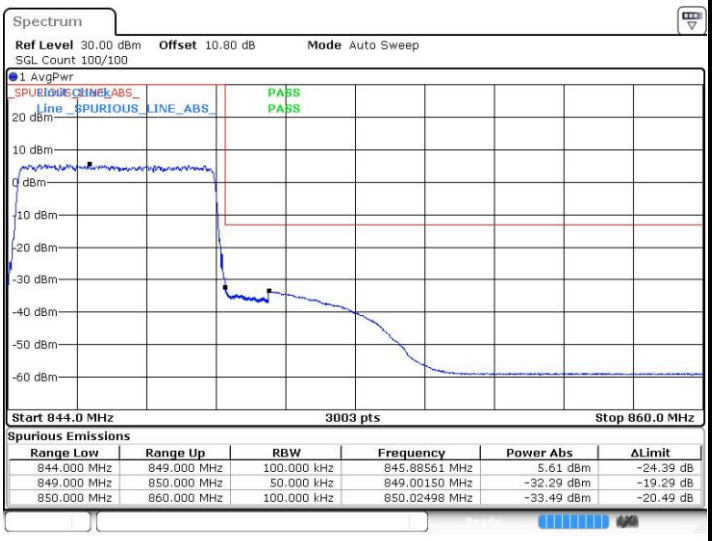


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-36.54 dBm	-23.54 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-32.33 dBm	-19.33 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.61089 MHz	5.98 dBm	-24.02 dB

Date: 6.APR.2017 20:16:13

Highest Band Edge / Full RB



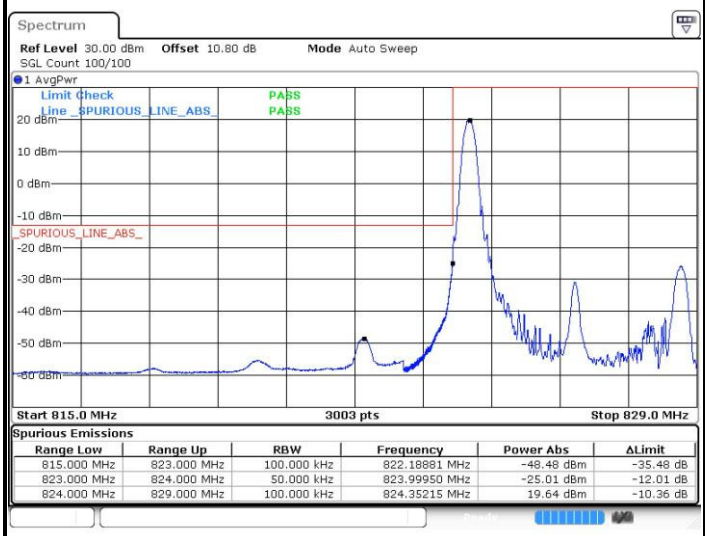
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.88561 MHz	5.61 dBm	-24.39 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00150 MHz	-32.29 dBm	-19.29 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-33.49 dBm	-20.49 dB

Date: 6.APR.2017 20:27:49

LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB

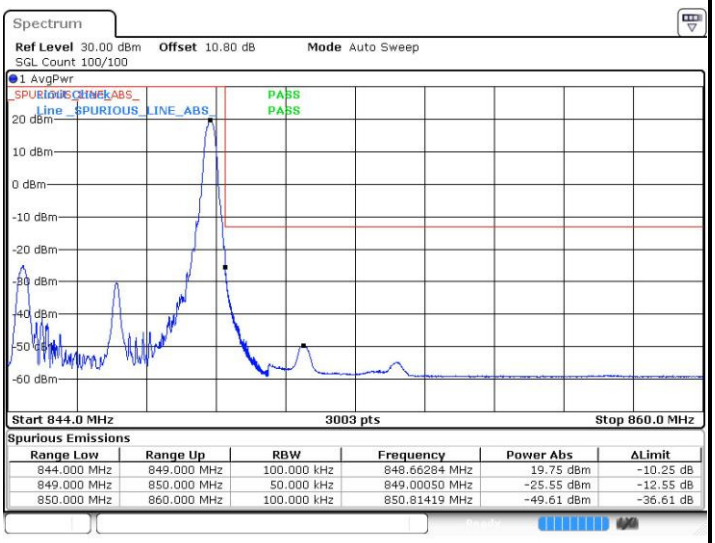


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.18881 MHz	-48.48 dBm	-35.48 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-25.01 dBm	-12.01 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.35215 MHz	19.64 dBm	-10.36 dB

Date: 27.APR.2017 15:08:38

Highest Band Edge / 1 RB

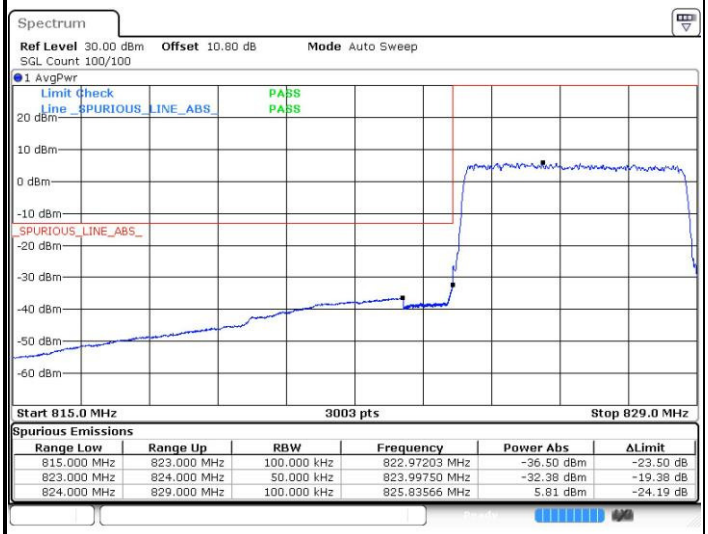


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.66284 MHz	19.75 dBm	-10.25 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-25.55 dBm	-12.55 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.81419 MHz	-49.61 dBm	-36.61 dB

Date: 27.APR.2017 15:14:26

Lowest Band Edge / Full RB

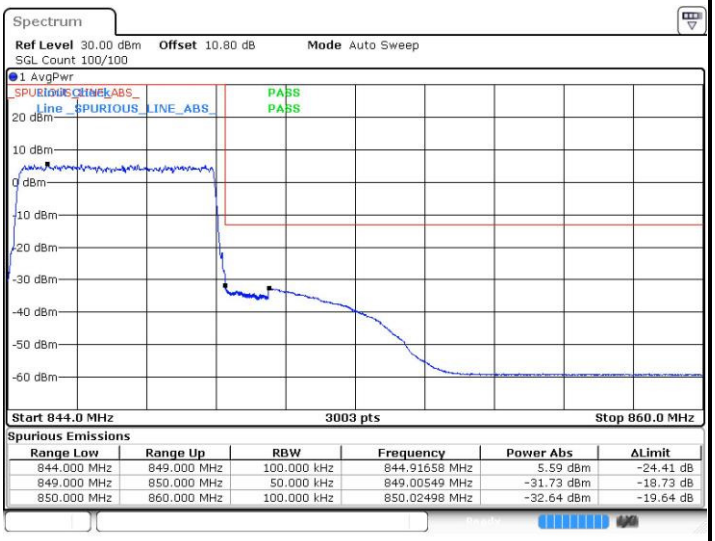


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-36.50 dBm	-23.50 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-32.38 dBm	-19.38 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.83566 MHz	5.81 dBm	-24.19 dB

Date: 27.APR.2017 15:10:17

Highest Band Edge / Full RB



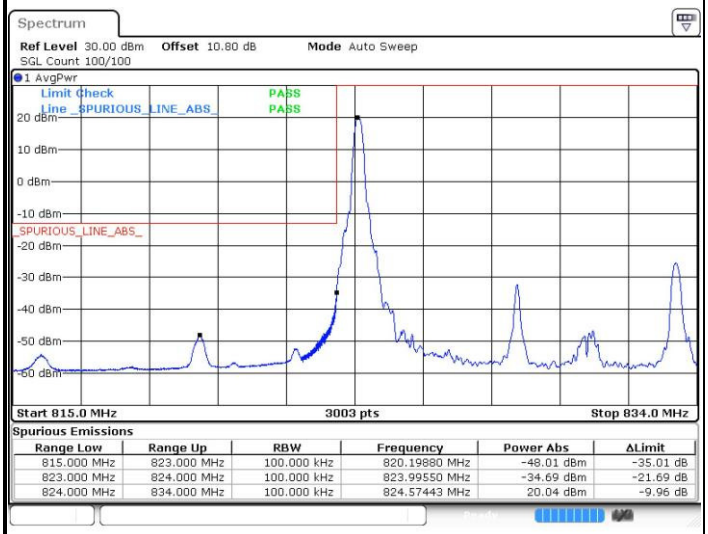
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.91658 MHz	5.59 dBm	-24.41 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00549 MHz	-31.73 dBm	-18.73 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-32.64 dBm	-19.64 dB

Date: 27.APR.2017 15:16:05

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

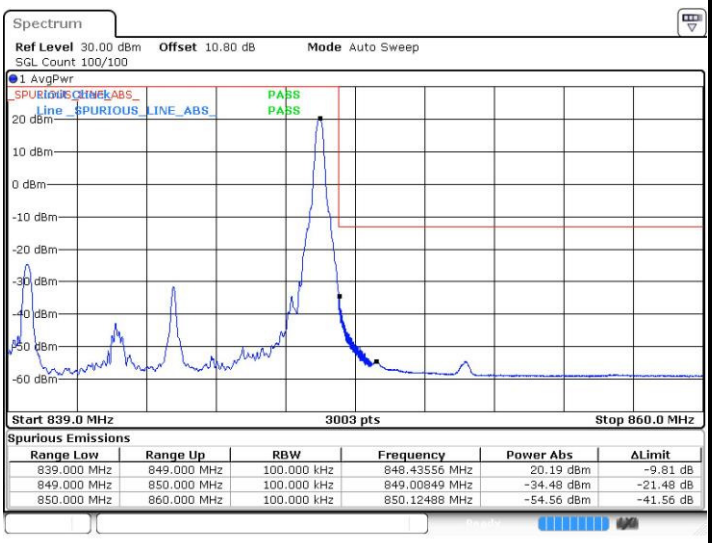


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.19880 MHz	-48.01 dBm	-35.01 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99550 MHz	-34.69 dBm	-21.69 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.57443 MHz	20.04 dBm	-9.96 dB

Date: 6.APR.2017 20:31:58

Highest Band Edge / 1 RB

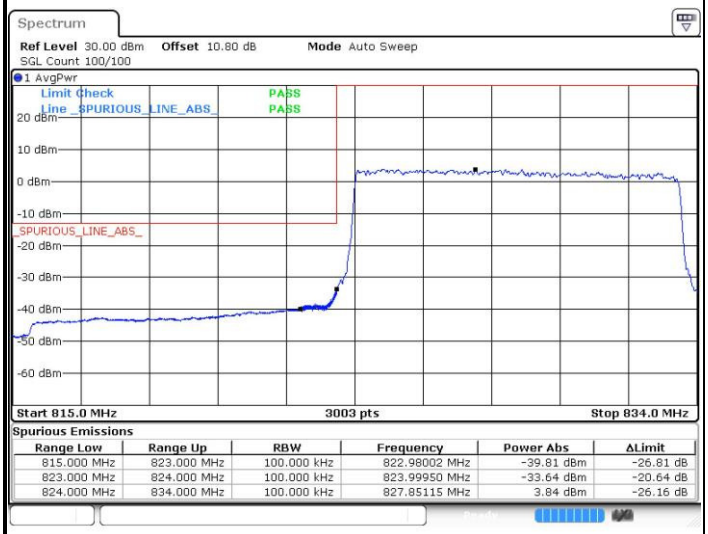


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.43556 MHz	20.19 dBm	-9.81 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00849 MHz	-34.48 dBm	-21.48 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.12488 MHz	-54.56 dBm	-41.56 dB

Date: 6.APR.2017 20:43:34

Lowest Band Edge / Full RB

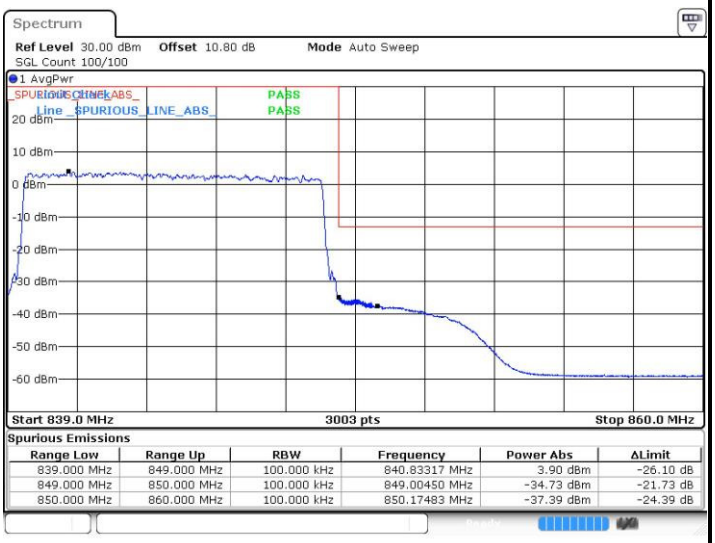


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-39.81 dBm	-26.81 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99950 MHz	-33.64 dBm	-20.64 dB
824.000 MHz	834.000 MHz	100.000 kHz	827.85115 MHz	3.84 dBm	-26.16 dB

Date: 6.APR.2017 20:35:16

Highest Band Edge / Full RB



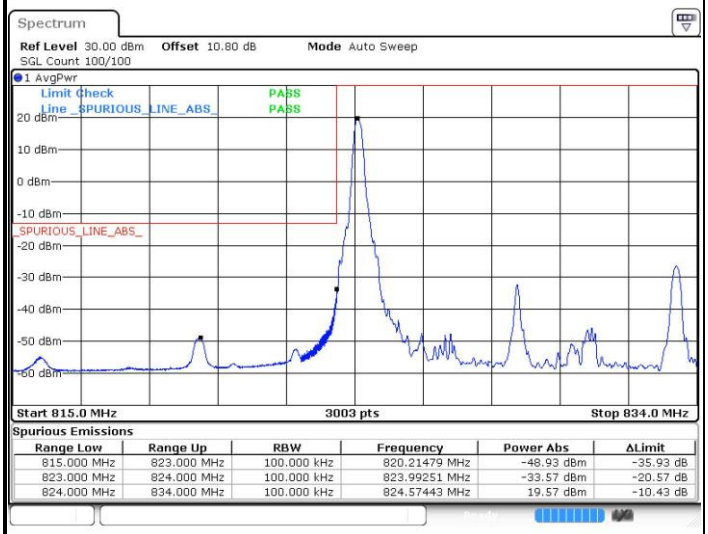
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.83317 MHz	3.90 dBm	-26.10 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00450 MHz	-34.73 dBm	-21.73 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.17483 MHz	-37.39 dBm	-24.39 dB

Date: 6.APR.2017 20:46:52

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

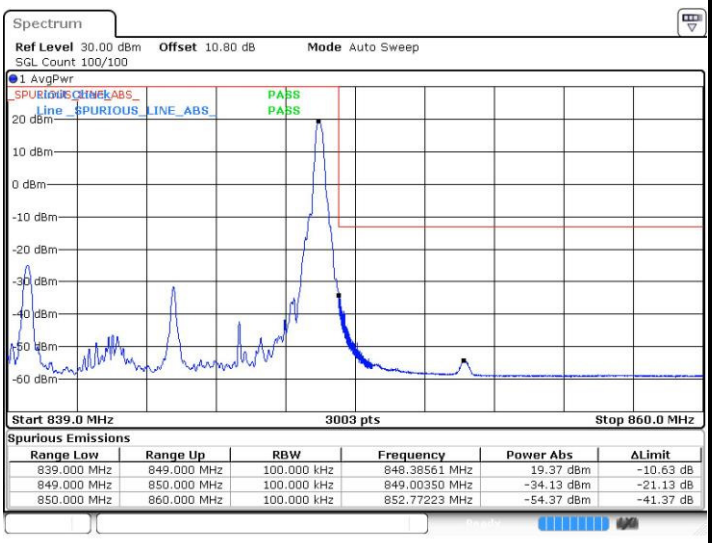


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.21479 MHz	-48.93 dBm	-35.93 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99251 MHz	-33.57 dBm	-20.57 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.57443 MHz	19.57 dBm	-10.43 dB

Date: 6.APR.2017 20:33:37

Highest Band Edge / 1 RB

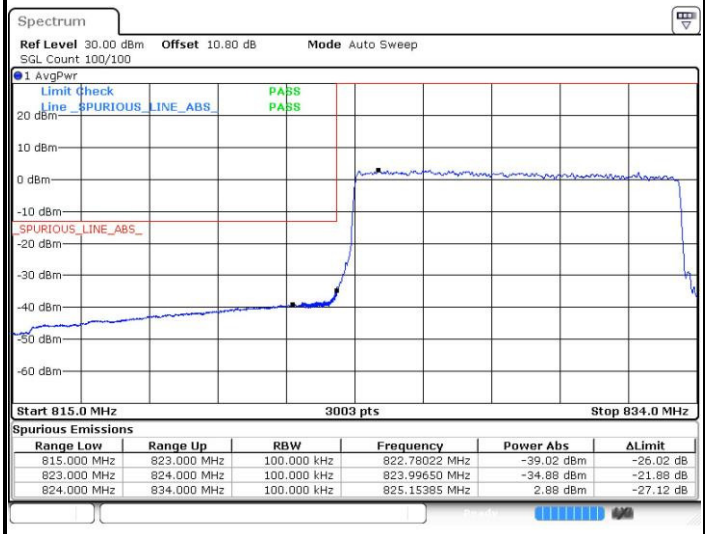


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.38561 MHz	19.37 dBm	-10.63 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00350 MHz	-34.13 dBm	-21.13 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.77223 MHz	-54.37 dBm	-41.37 dB

Date: 6.APR.2017 20:45:13

Lowest Band Edge / Full RB

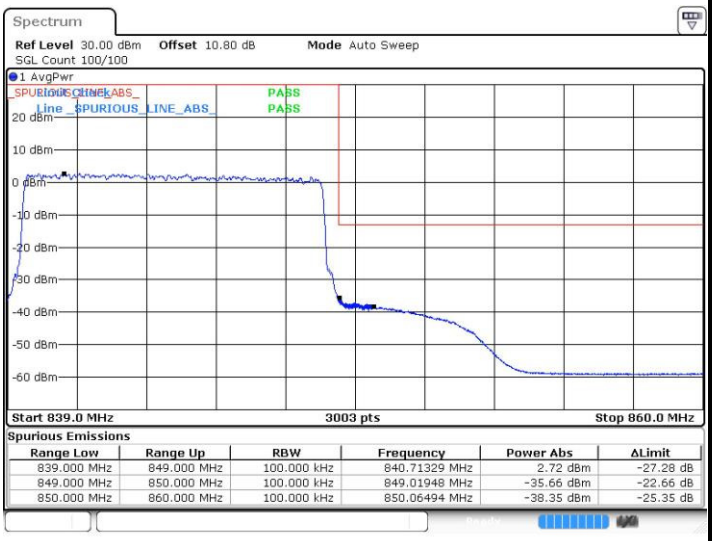


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.78022 MHz	-39.02 dBm	-26.02 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99650 MHz	-34.88 dBm	-21.88 dB
824.000 MHz	834.000 MHz	100.000 kHz	825.15385 MHz	2.88 dBm	-27.12 dB

Date: 6.APR.2017 20:36:55

Highest Band Edge / Full RB



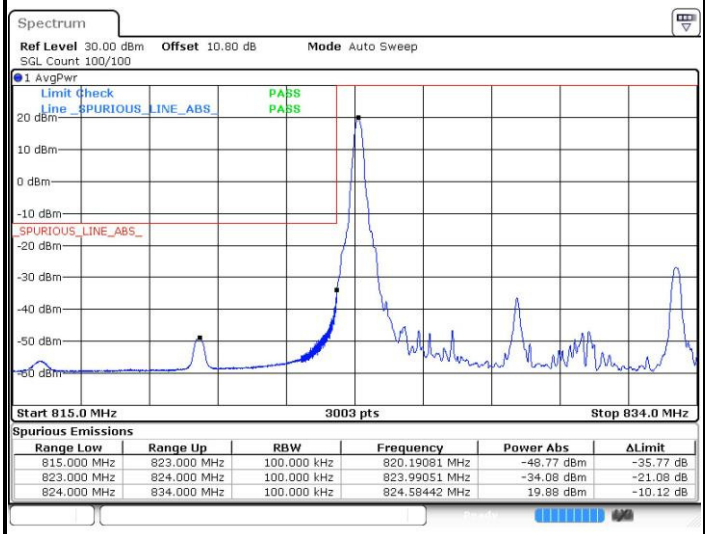
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.71329 MHz	2.72 dBm	-27.28 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01948 MHz	-35.66 dBm	-22.66 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.06494 MHz	-38.35 dBm	-25.35 dB

Date: 6.APR.2017 20:48:31

LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

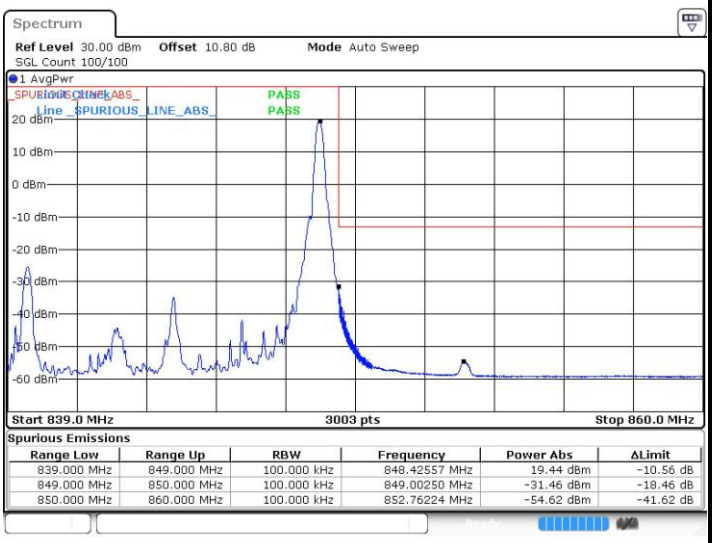


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.19081 MHz	-48.77 dBm	-35.77 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99051 MHz	-34.08 dBm	-21.08 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.58442 MHz	19.88 dBm	-10.12 dB

Date: 27.APR.2017 15:18:59

Highest Band Edge / 1 RB

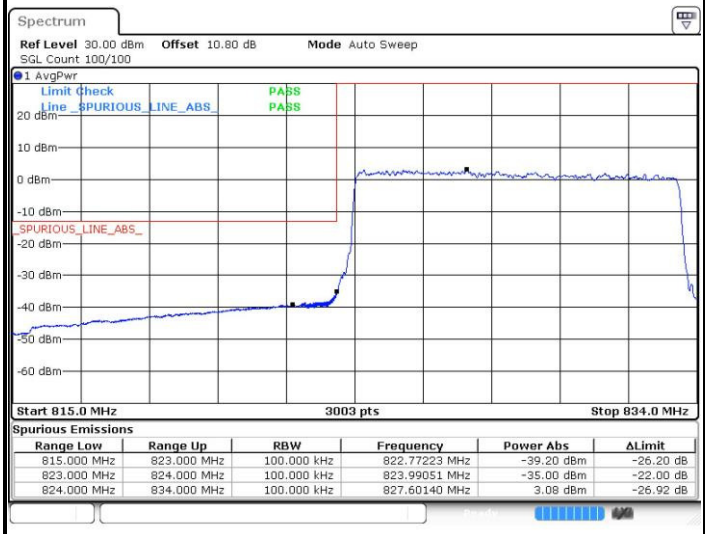


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.42557 MHz	19.44 dBm	-10.56 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-31.46 dBm	-18.46 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.76224 MHz	-54.62 dBm	-41.62 dB

Date: 27.APR.2017 15:24:48

Lowest Band Edge / Full RB

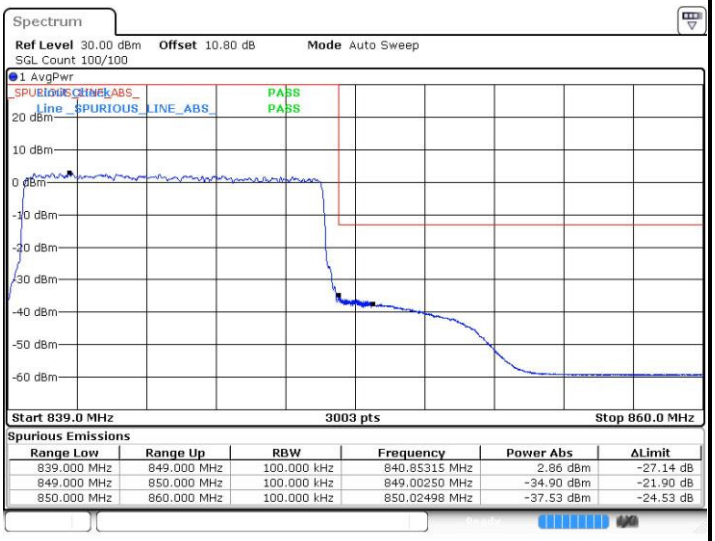


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.77223 MHz	-39.20 dBm	-26.20 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99051 MHz	-35.00 dBm	-22.00 dB
824.000 MHz	834.000 MHz	100.000 kHz	827.60140 MHz	3.08 dBm	-26.92 dB

Date: 27.APR.2017 15:20:39

Highest Band Edge / Full RB



Spurious Emissions

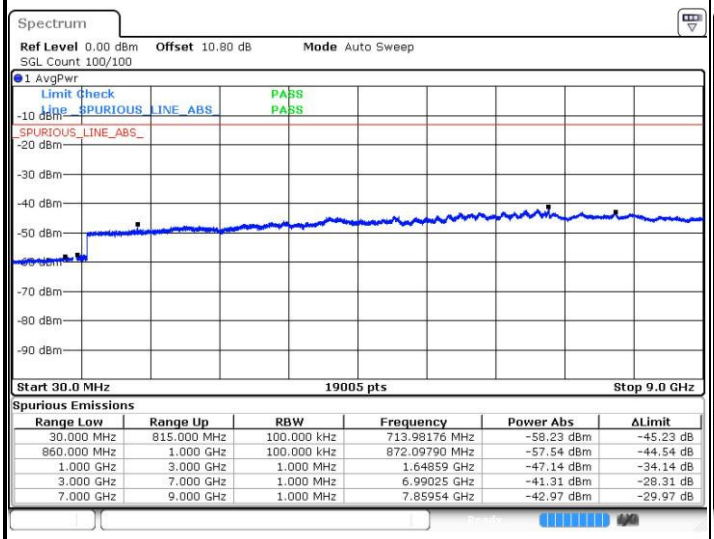
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.85315 MHz	2.86 dBm	-27.14 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-34.90 dBm	-21.90 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-37.53 dBm	-24.53 dB

Date: 27.APR.2017 15:26:27

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

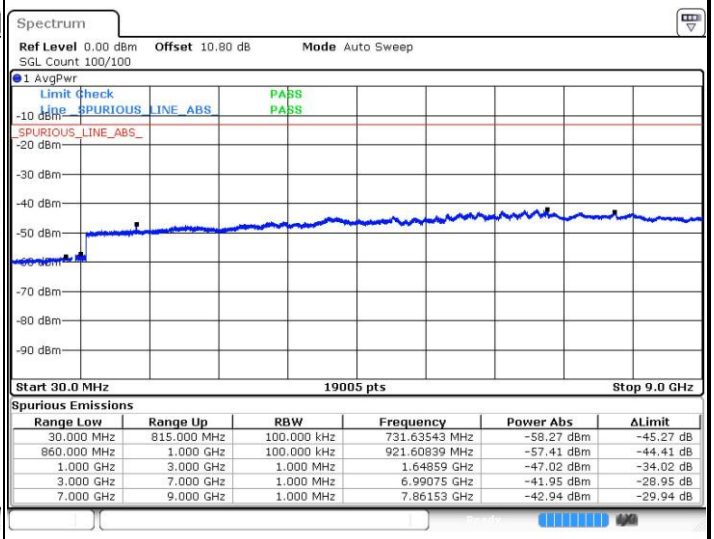


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	713.98176 MHz	-58.23 dBm	-45.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	872.09790 MHz	-57.54 dBm	-44.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.31 dBm	-28.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-42.97 dBm	-29.97 dB

Date: 6.APR.2017 21:00:01

Lowest Channel / 16QAM

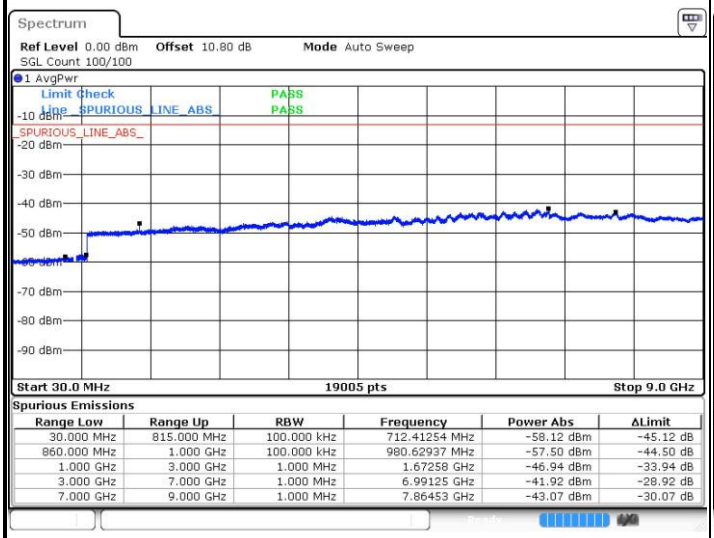


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	731.63543 MHz	-58.27 dBm	-45.27 dB
860.000 MHz	1.000 GHz	100.000 kHz	921.60839 MHz	-57.41 dBm	-44.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.95 dBm	-28.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-42.94 dBm	-29.94 dB

Date: 6.APR.2017 21:00:55

Middle Channel / QPSK

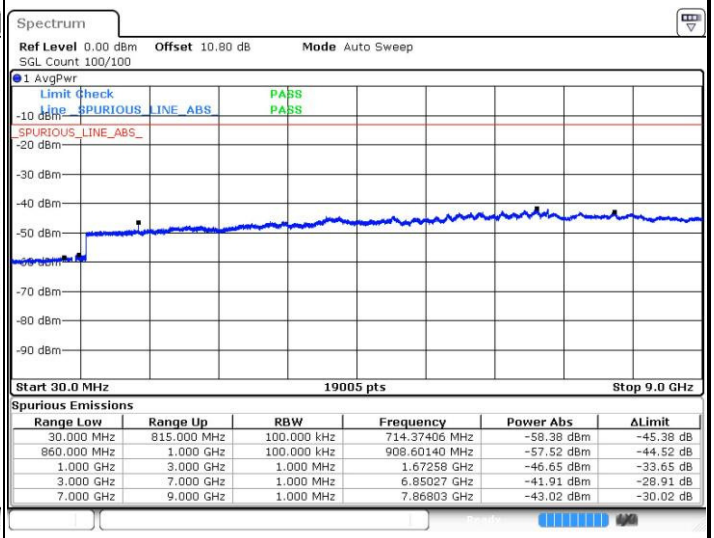


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	712.41254 MHz	-58.12 dBm	-45.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	980.62937 MHz	-57.50 dBm	-44.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-41.92 dBm	-28.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-43.07 dBm	-30.07 dB

Date: 6.APR.2017 21:02:31

Middle Channel / 16QAM



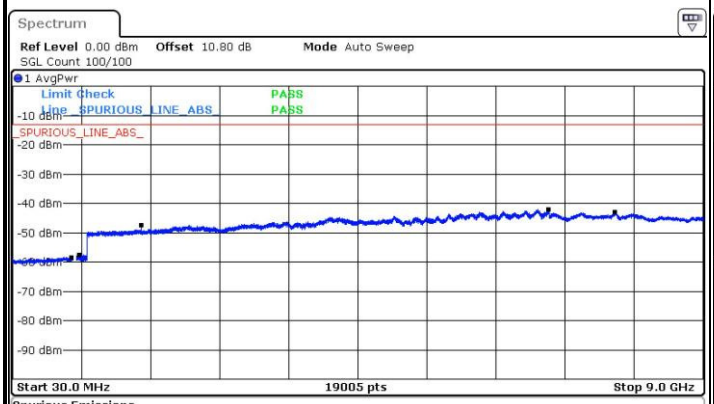
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	714.37406 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	908.60140 MHz	-57.52 dBm	-44.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-41.91 dBm	-28.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86803 GHz	-43.02 dBm	-30.02 dB

Date: 6.APR.2017 21:03:25

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

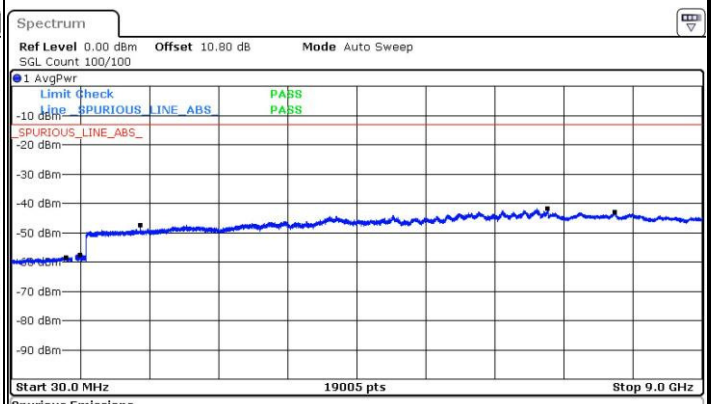


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	786.55797 MHz	-58.43 dBm	-45.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	893.35664 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-47.48 dBm	-34.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.08 dBm	-29.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.89 dBm	-29.89 dB

Date: 6.APR.2017 21:11:39

Highest Channel / 16QAM



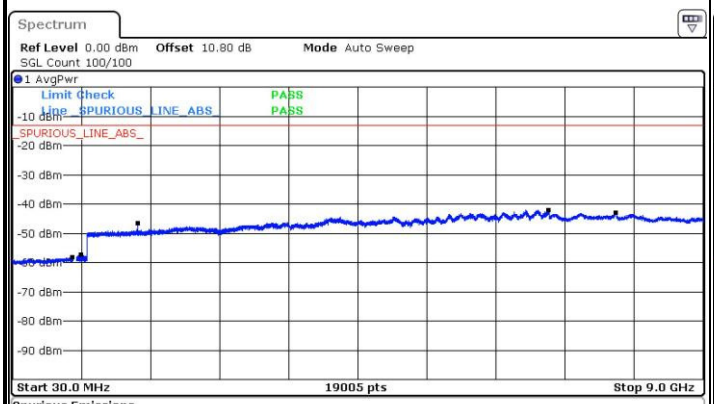
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	733.59695 MHz	-58.44 dBm	-45.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.93007 MHz	-57.54 dBm	-44.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.87 dBm	-28.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-42.97 dBm	-29.97 dB

Date: 6.APR.2017 21:12:33

LTE Band 5 / 3MHz

Lowest Channel / QPSK

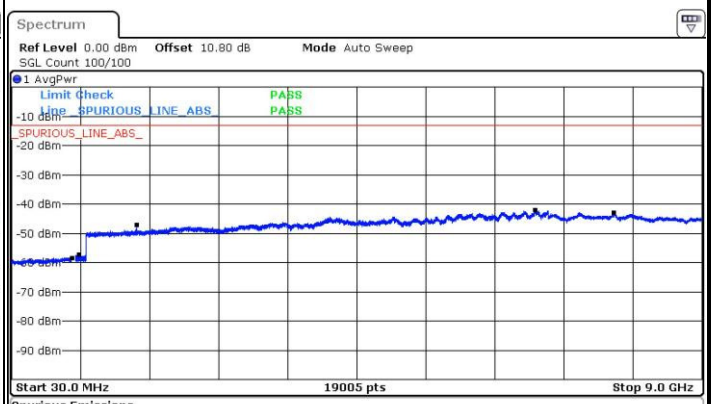


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	797.54248 MHz	-58.34 dBm	-45.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	918.53147 MHz	-57.46 dBm	-44.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.48 dBm	-33.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.07 dBm	-29.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-42.93 dBm	-29.93 dB

Date: 6.APR.2017 19:56:25

Lowest Channel / 16QAM



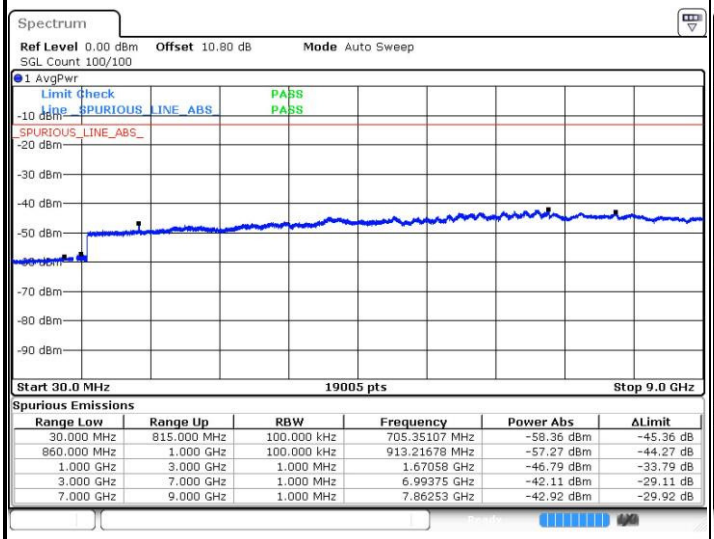
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	907.76224 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83527 GHz	-42.07 dBm	-29.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-42.85 dBm	-29.85 dB

Date: 6.APR.2017 19:57:19

LTE Band 5 / 3MHz

Middle Channel / QPSK

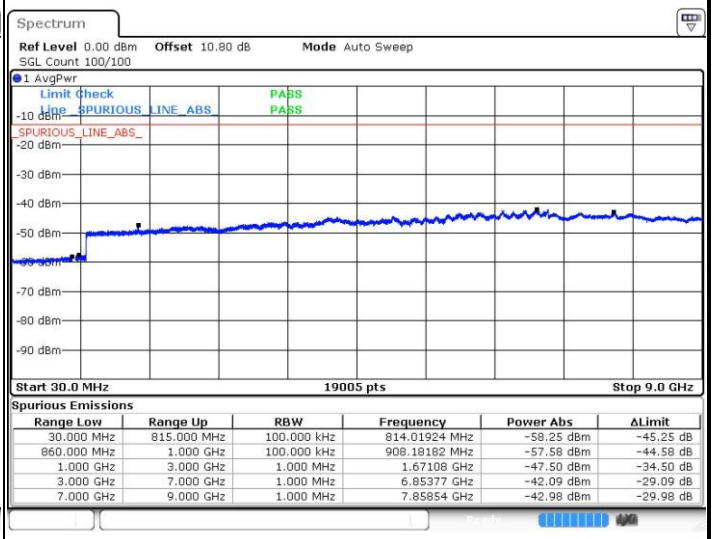


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	705.35107 MHz	-58.36 dBm	-45.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	913.21678 MHz	-57.27 dBm	-44.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.11 dBm	-29.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86253 GHz	-42.92 dBm	-29.92 dB

Date: 6.APR.2017 19:58:55

Middle Channel / 16QAM

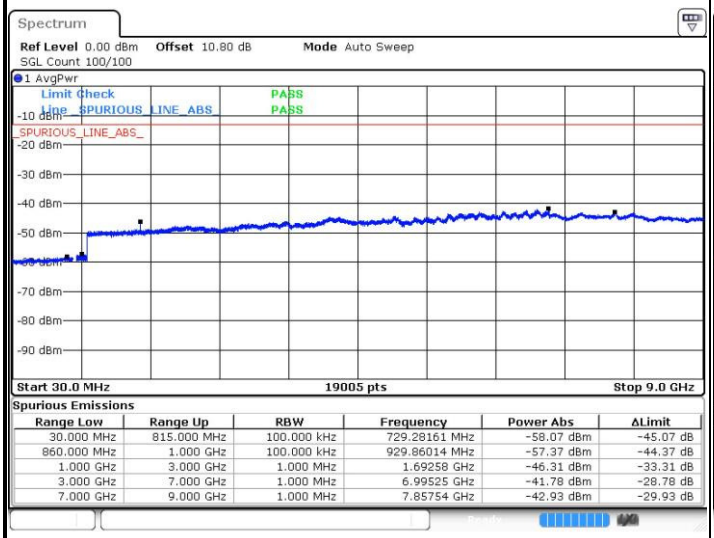


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.25 dBm	-45.25 dB
860.000 MHz	1.000 GHz	100.000 kHz	908.18182 MHz	-57.58 dBm	-44.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-47.50 dBm	-34.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85377 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-42.98 dBm	-29.98 dB

Date: 6.APR.2017 19:59:49

Highest Channel / QPSK

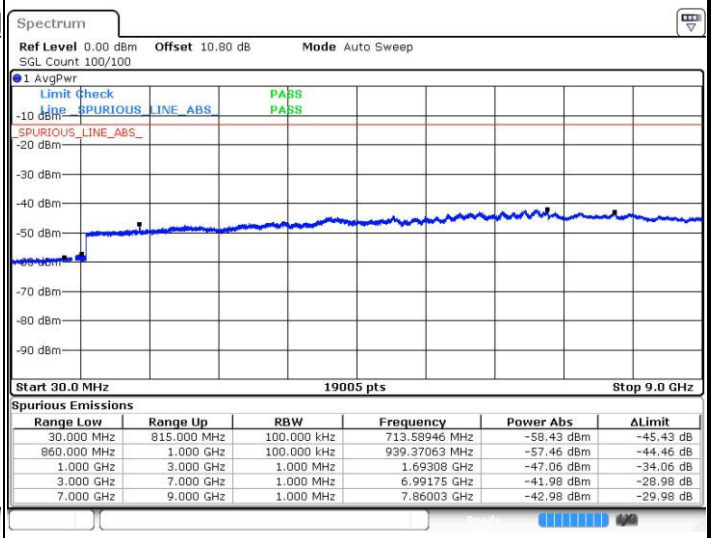


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	729.28161 MHz	-58.07 dBm	-45.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	929.86014 MHz	-57.37 dBm	-44.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-41.78 dBm	-28.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-42.93 dBm	-29.93 dB

Date: 6.APR.2017 20:08:01

Highest Channel / 16QAM



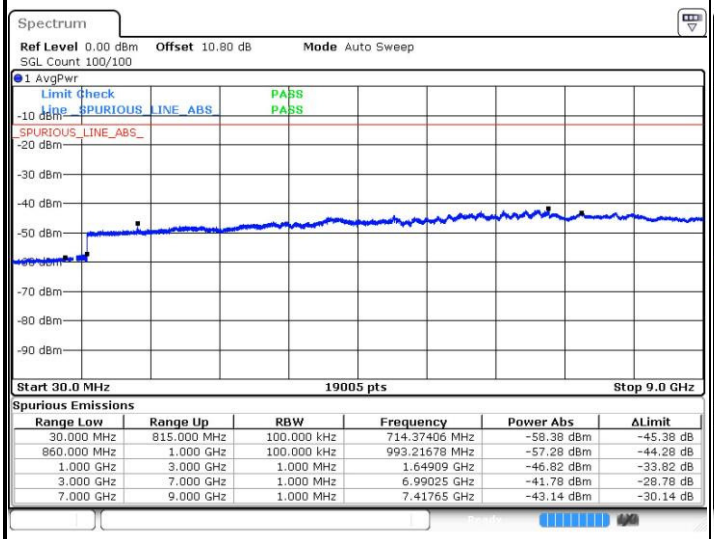
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	713.58946 MHz	-58.43 dBm	-45.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	939.37063 MHz	-57.46 dBm	-44.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-41.98 dBm	-28.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-42.98 dBm	-29.98 dB

Date: 6.APR.2017 20:08:55

LTE Band 5 / 5MHz

Lowest Channel / QPSK

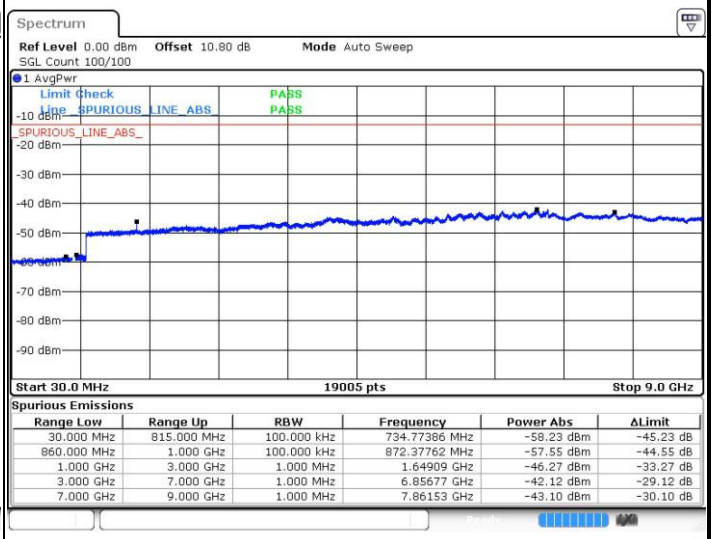


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	714.37406 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.21678 MHz	-57.28 dBm	-44.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.78 dBm	-28.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41765 GHz	-43.14 dBm	-30.14 dB

Date: 6.APR.2017 20:17:08

Lowest Channel / 16QAM

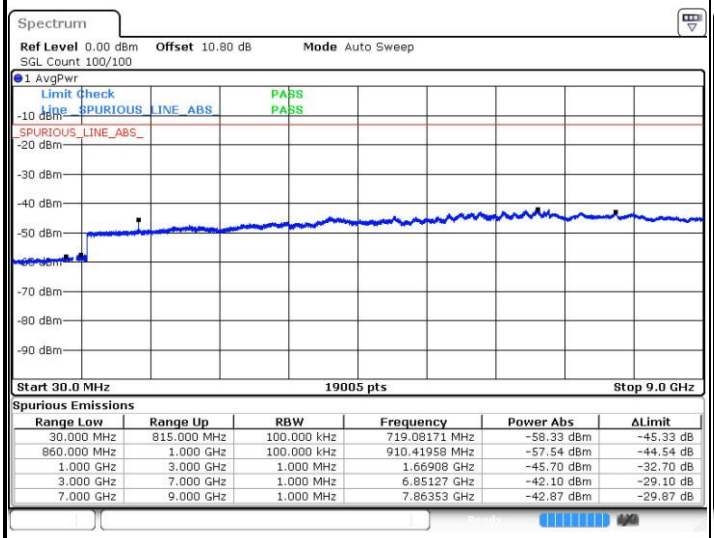


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	734.77386 MHz	-58.23 dBm	-45.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	872.37762 MHz	-57.55 dBm	-44.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.27 dBm	-33.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85677 GHz	-42.12 dBm	-29.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.10 dBm	-30.10 dB

Date: 6.APR.2017 20:18:02

Middle Channel / QPSK

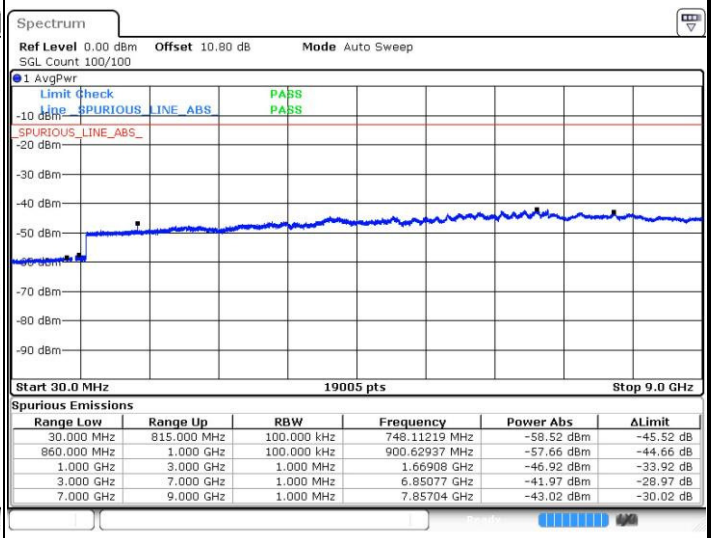


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	719.08171 MHz	-58.33 dBm	-45.33 dB
860.000 MHz	1.000 GHz	100.000 kHz	910.41958 MHz	-57.54 dBm	-44.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.70 dBm	-32.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85127 GHz	-42.10 dBm	-29.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86353 GHz	-42.87 dBm	-29.87 dB

Date: 6.APR.2017 20:19:38

Middle Channel / 16QAM



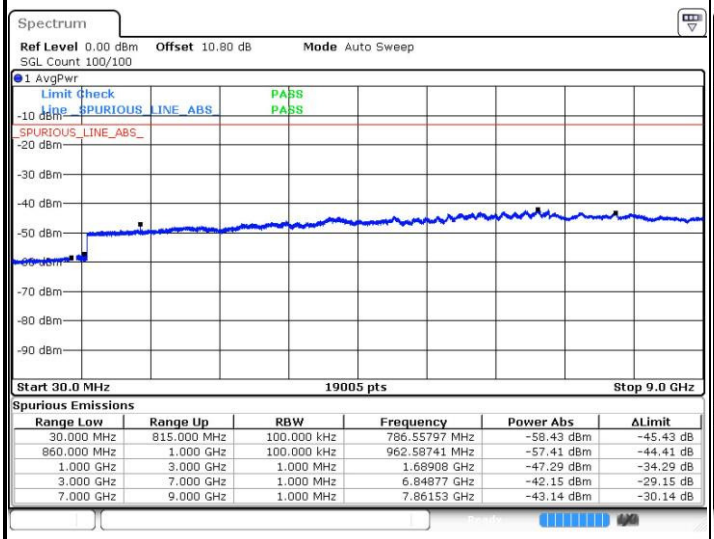
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	748.11219 MHz	-58.52 dBm	-45.52 dB
860.000 MHz	1.000 GHz	100.000 kHz	900.62937 MHz	-57.66 dBm	-44.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85077 GHz	-41.97 dBm	-28.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-43.02 dBm	-30.02 dB

Date: 6.APR.2017 20:20:32

LTE Band 5 / 5MHz

Highest Channel / QPSK

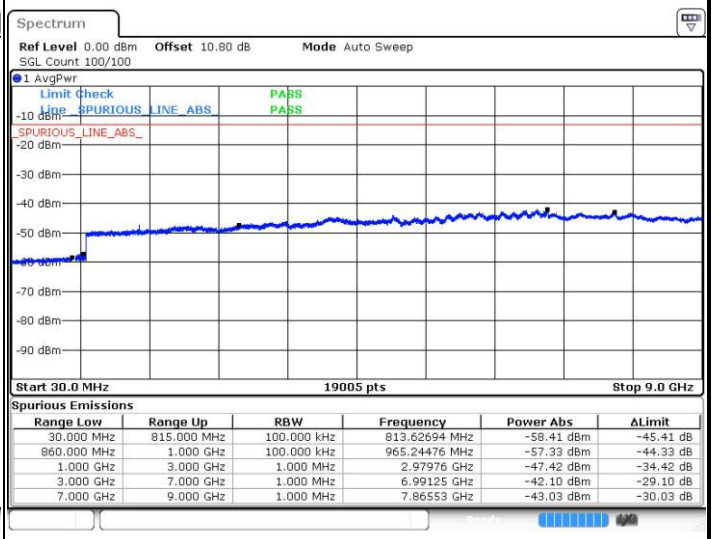


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	786.55797 MHz	-58.43 dBm	-45.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.58741 MHz	-57.41 dBm	-44.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-47.29 dBm	-34.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-42.15 dBm	-29.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.14 dBm	-30.14 dB

Date: 6.APR.2017 20:28:44

Highest Channel / 16QAM



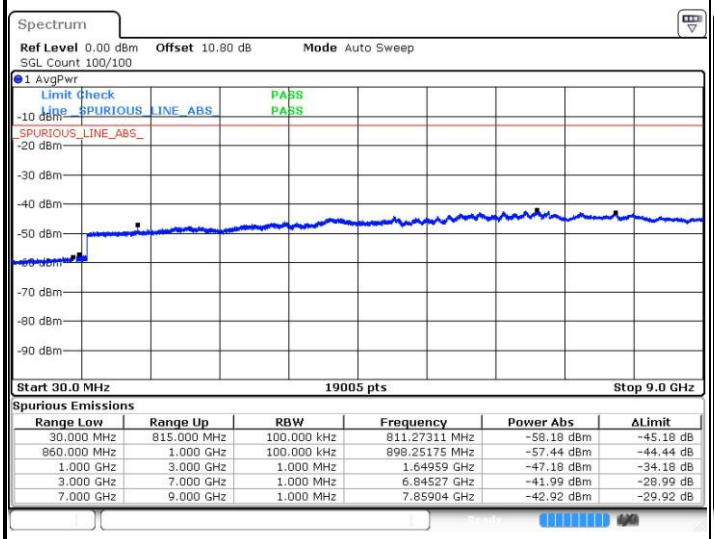
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-58.41 dBm	-45.41 dB
860.000 MHz	1.000 GHz	100.000 kHz	965.24476 MHz	-57.33 dBm	-44.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97976 GHz	-47.42 dBm	-34.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.10 dBm	-29.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86553 GHz	-43.03 dBm	-30.03 dB

Date: 6.APR.2017 20:29:38

LTE Band 5 / 10MHz

Lowest Channel / QPSK

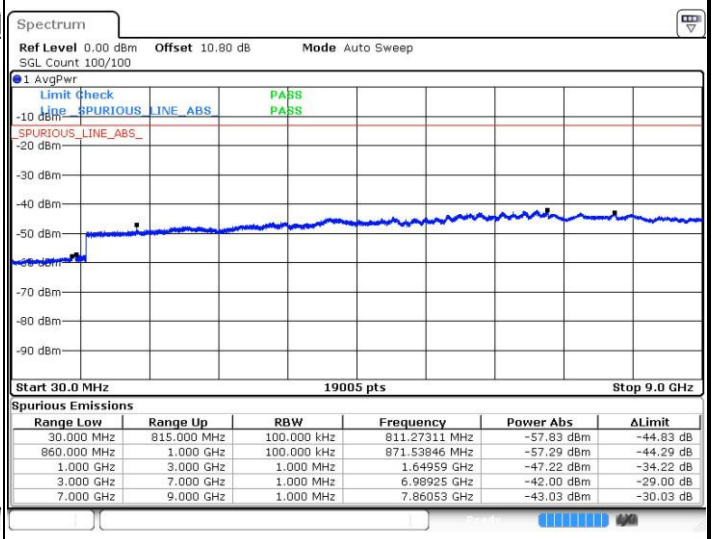


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-58.18 dBm	-45.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	898.25175 MHz	-57.44 dBm	-44.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84527 GHz	-41.99 dBm	-28.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-42.92 dBm	-29.92 dB

Date: 6.APR.2017 20:37:50

Lowest Channel / 16QAM



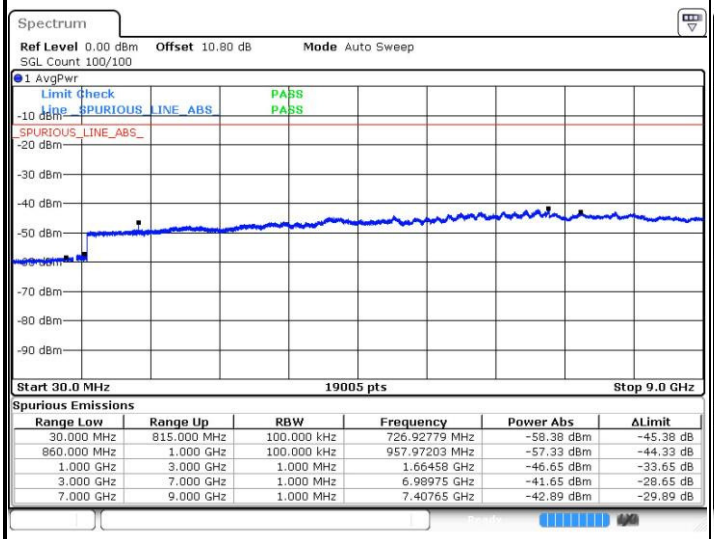
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-57.83 dBm	-44.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	871.53846 MHz	-57.29 dBm	-44.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-47.22 dBm	-34.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.00 dBm	-29.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-43.03 dBm	-30.03 dB

Date: 6.APR.2017 20:38:44

LTE Band 5 / 10MHz

Middle Channel / QPSK

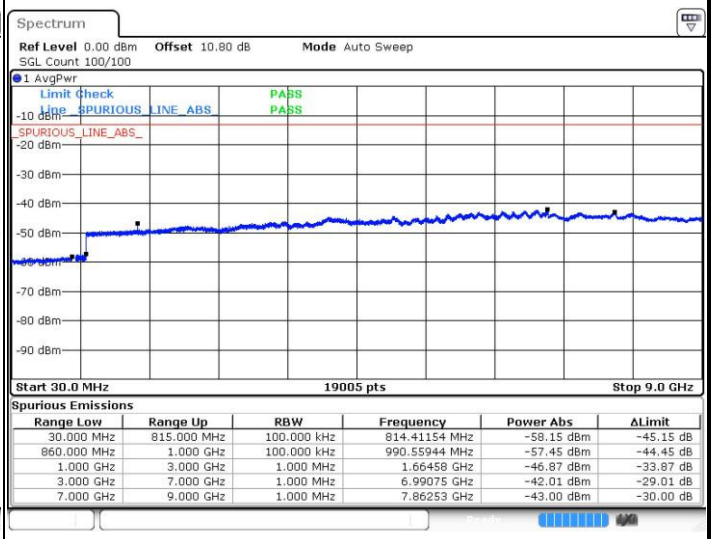


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	726.92779 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	957.97203 MHz	-57.33 dBm	-44.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.65 dBm	-28.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40765 GHz	-42.89 dBm	-29.89 dB

Date: 6.APR.2017 20:40:20

Middle Channel / 16QAM

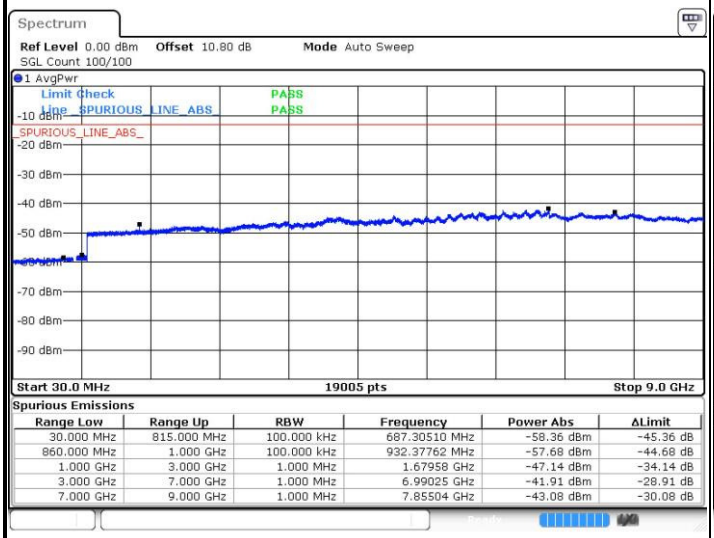


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.15 dBm	-45.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	990.55944 MHz	-57.45 dBm	-44.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86253 GHz	-43.00 dBm	-30.00 dB

Date: 6.APR.2017 20:41:14

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	687.30510 MHz	-58.36 dBm	-45.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	932.37762 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.91 dBm	-28.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-43.08 dBm	-30.08 dB

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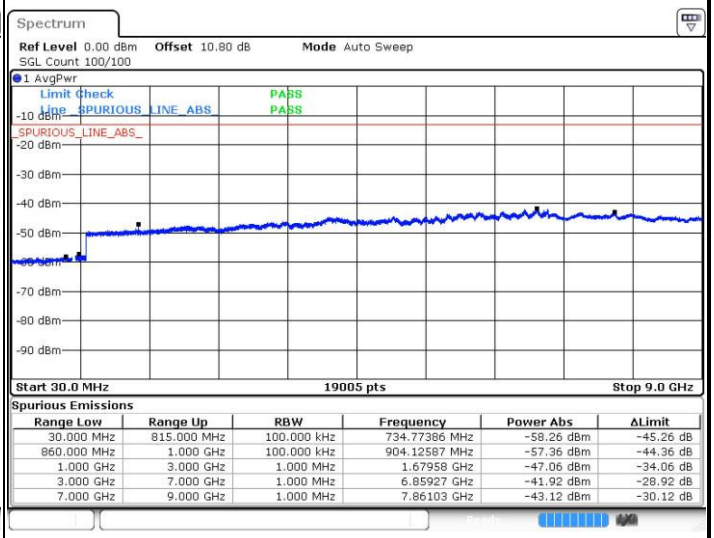
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	734.77386 MHz	-58.26 dBm	-45.26 dB
860.000 MHz	1.000 GHz	100.000 kHz	904.12587 MHz	-57.36 dBm	-44.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85927 GHz	-41.92 dBm	-28.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86103 GHz	-43.12 dBm	-30.12 dB

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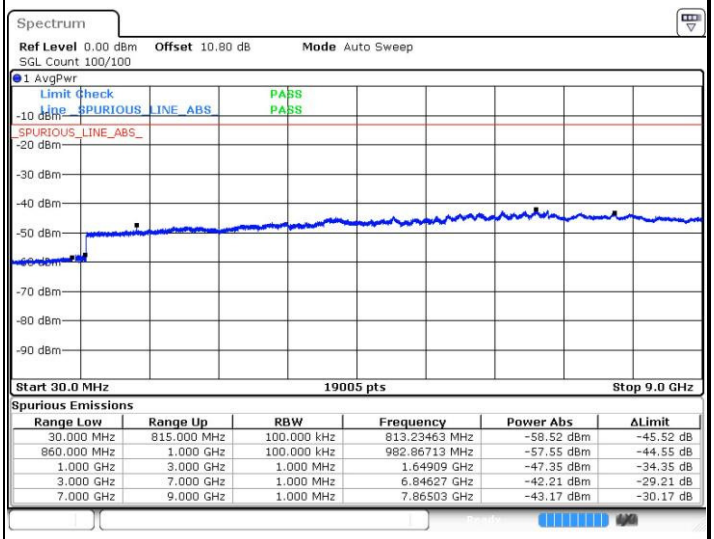
LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-58.52 dBm	-45.52 dB
860.000 MHz	1.000 GHz	100.000 kHz	982.86713 MHz	-57.55 dBm	-44.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-47.35 dBm	-34.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84627 GHz	-42.21 dBm	-29.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86503 GHz	-43.17 dBm	-30.17 dB

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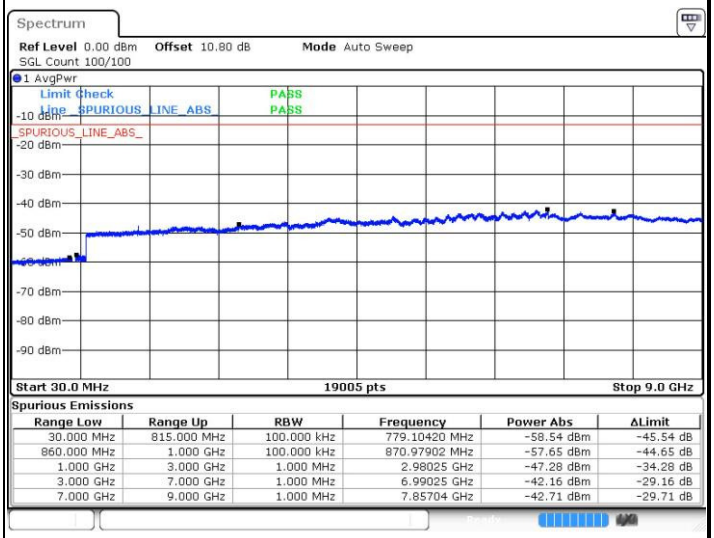
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	779.10420 MHz	-58.54 dBm	-45.54 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.97902 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98025 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.16 dBm	-29.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.71 dBm	-29.71 dB

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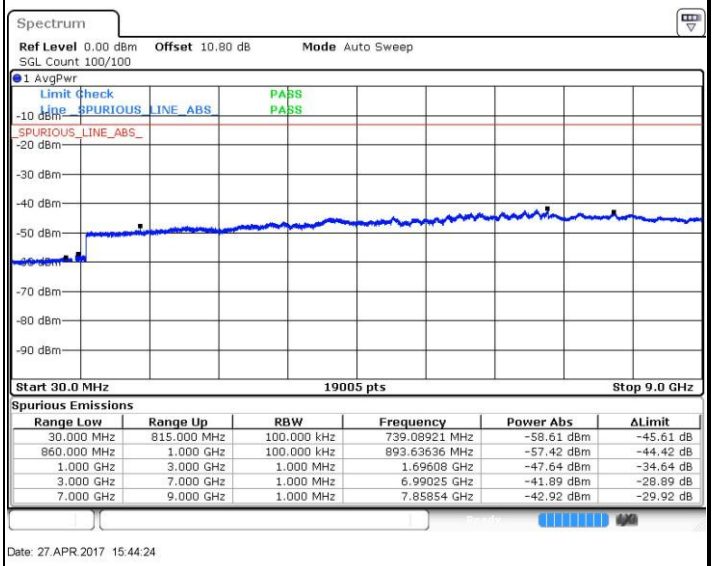
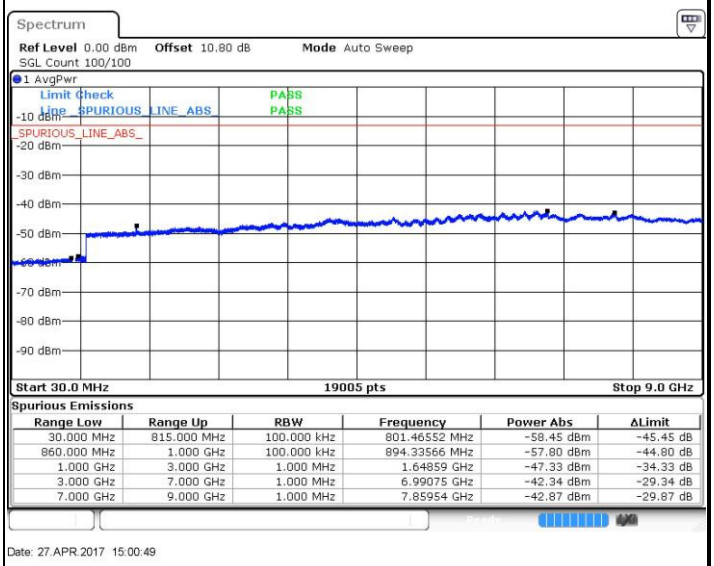
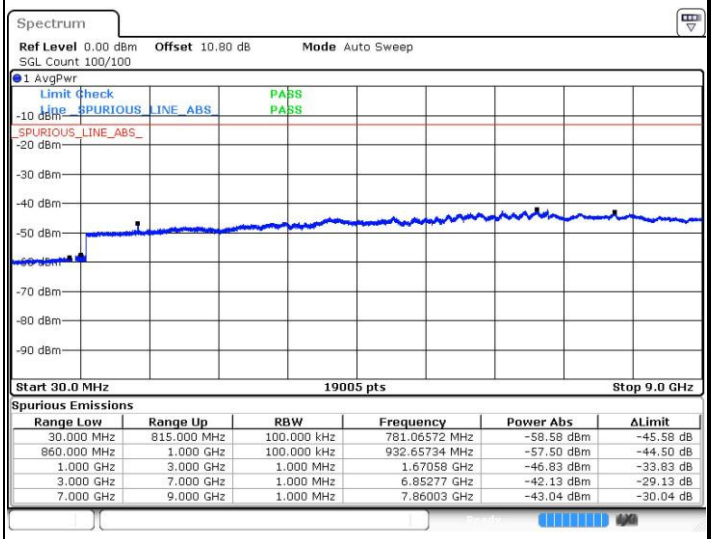
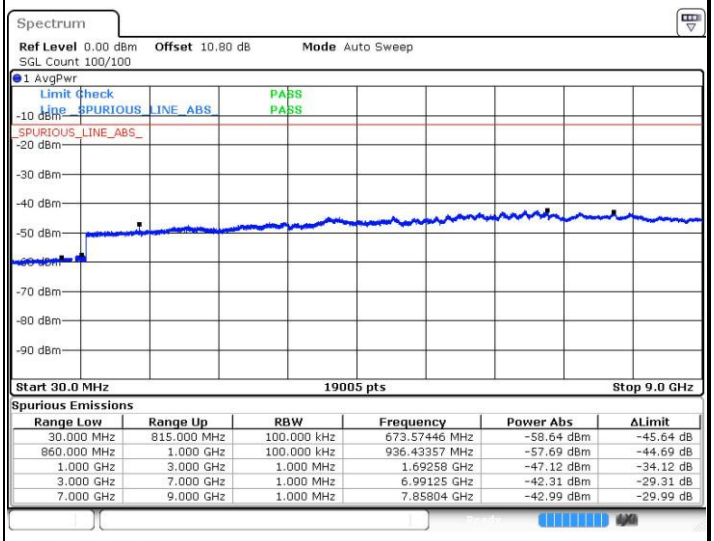
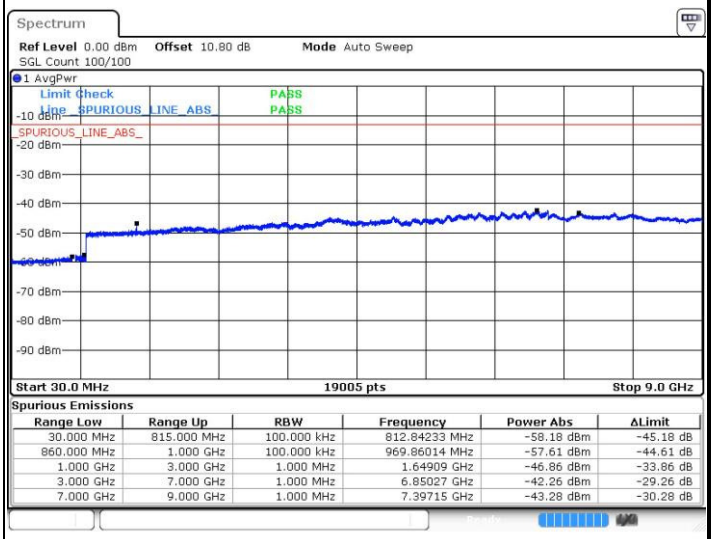
LTE Band 5 / 1.4MHz	
	Highest Channel / 64QAM
	

LTE Band 5 / 3MHz	
	Lowest Channel / 64QAM
	

LTE Band 5 / 3MHz	
	Middle Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 815.000 MHz / 100.000 kHz / 781.06572 MHz / -58.58 dBm / -45.58 dB 860.000 MHz / 1.000 GHz / 100.000 kHz / 932.65734 MHz / -57.50 dBm / -44.50 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 1.67058 GHz / -46.83 dBm / -33.83 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.85277 GHz / -42.13 dBm / -29.13 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.86003 GHz / -43.04 dBm / -30.04 dB Date: 27.APR.2017 15:02:04
	Highest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 815.000 MHz / 100.000 kHz / 673.57446 MHz / -58.64 dBm / -45.64 dB 860.000 MHz / 1.000 GHz / 100.000 kHz / 936.43357 MHz / -57.69 dBm / -44.69 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 1.69258 GHz / -47.12 dBm / -34.12 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.99125 GHz / -42.31 dBm / -29.31 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.85804 GHz / -42.99 dBm / -29.99 dB Date: 27.APR.2017 15:06:38

LTE Band 5 / 5MHz

Lowest Channel / 64QAM

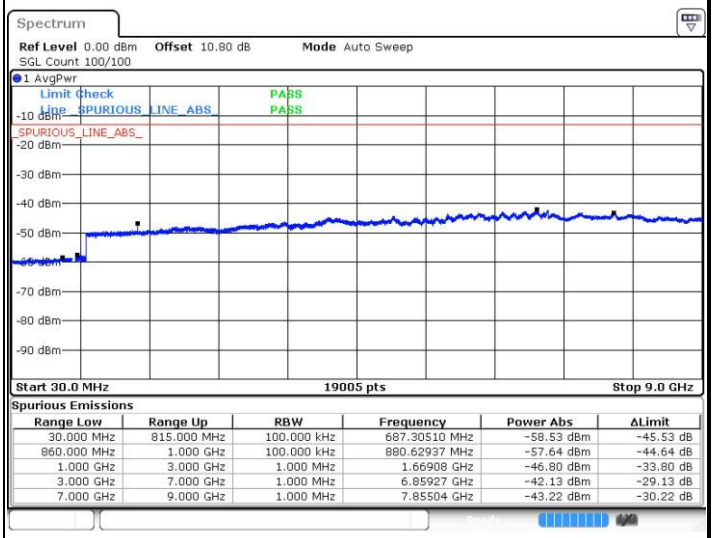


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-58.18 dBm	-45.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	969.86014 MHz	-57.61 dBm	-44.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-42.26 dBm	-29.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39715 GHz	-43.28 dBm	-30.28 dB

Date: 27.APR.2017 15:11:12

Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	687.30510 MHz	-58.53 dBm	-45.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.62937 MHz	-57.64 dBm	-44.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.80 dBm	-33.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85927 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-43.22 dBm	-30.22 dB

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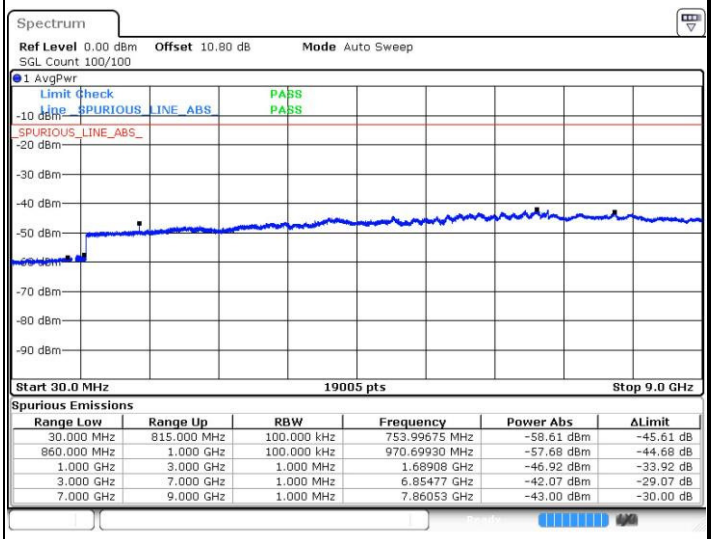
LTE Band 5 / 5MHz

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	753.99675 MHz	-58.61 dBm	-45.61 dB
860.000 MHz	1.000 GHz	100.000 kHz	970.69930 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85477 GHz	-42.07 dBm	-29.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-43.00 dBm	-30.00 dB

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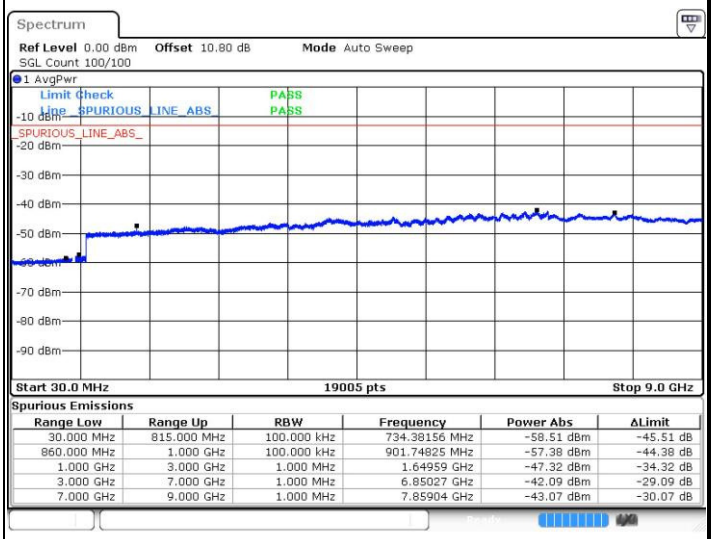
LTE Band 5 / 10MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	734.38156 MHz	-58.51 dBm	-45.51 dB
860.000 MHz	1.000 GHz	100.000 kHz	901.74825 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-43.07 dBm	-30.07 dB

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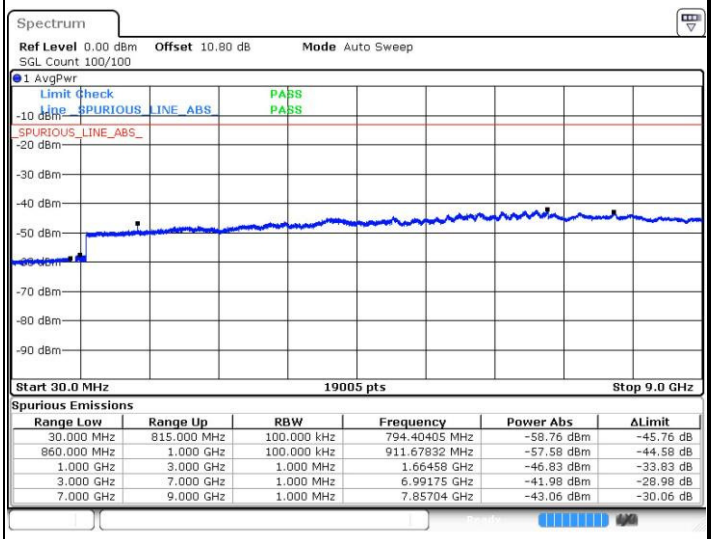
LTE Band 5 / 10MHz

Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.40405 MHz	-58.76 dBm	-45.76 dB
860.000 MHz	1.000 GHz	100.000 kHz	911.67832 MHz	-57.58 dBm	-44.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-41.98 dBm	-28.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-43.06 dBm	-30.06 dB

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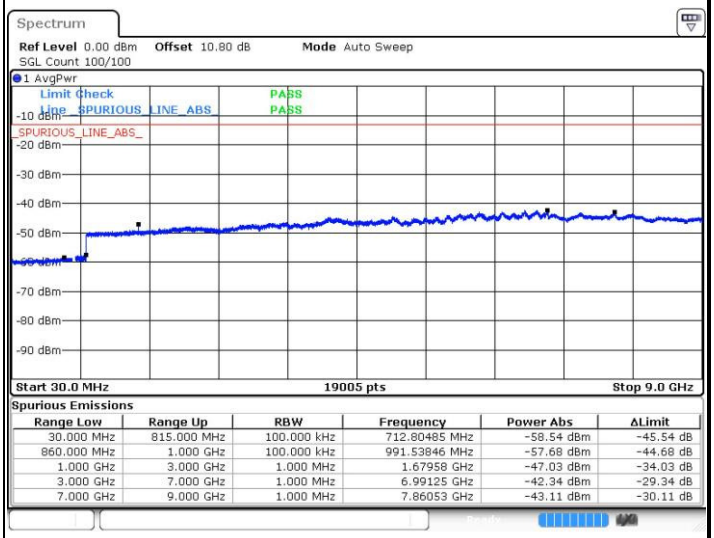
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	712.80485 MHz	-58.54 dBm	-45.54 dB
860.000 MHz	1.000 GHz	100.000 kHz	991.53846 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-47.03 dBm	-34.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.34 dBm	-29.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-43.11 dBm	-30.11 dB

Date: 27.APR.2017 15:27:22

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0116	PASS
40	Normal Voltage	0.0096	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0096	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

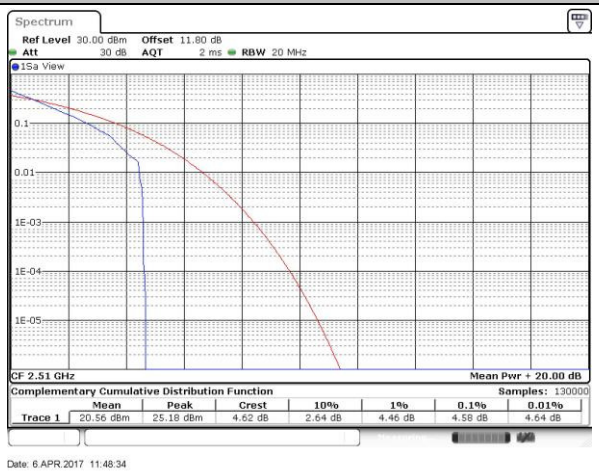
LTE Band 7

Peak-to-Average Ratio

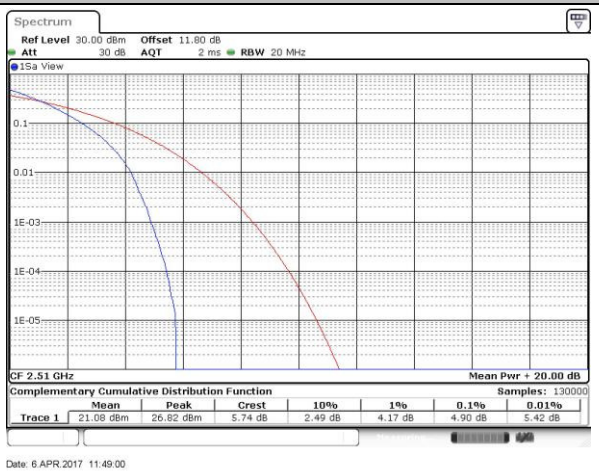
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.58	4.9	5.25	5.88	PASS
Middle CH	4.49	5.19	5.25	6.17	
Highest CH	4.58	5.1	5.39	6.09	
Mod.	-		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	5.19	5.83	PASS
Middle CH	-	-	5.01	6.14	
Highest CH	-	-	5.36	6.06	

LTE Band 7 / 20MHz / QPSK

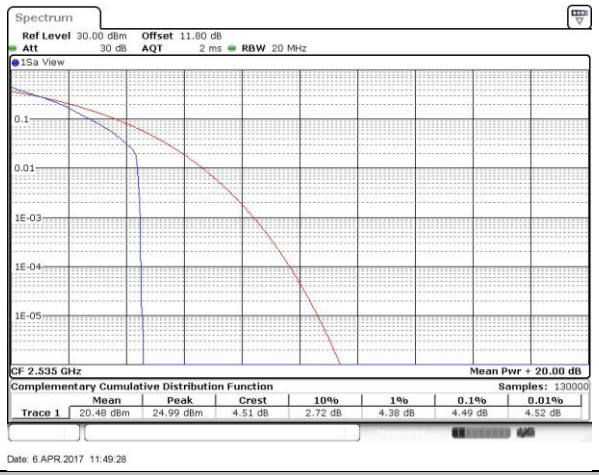
Lowest Channel / 1RB



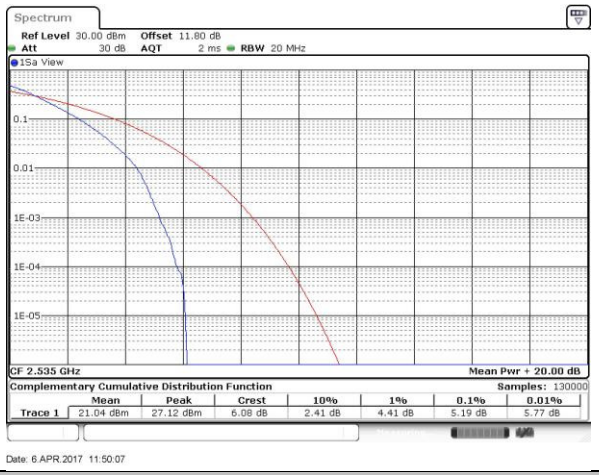
Lowest Channel / Full RB

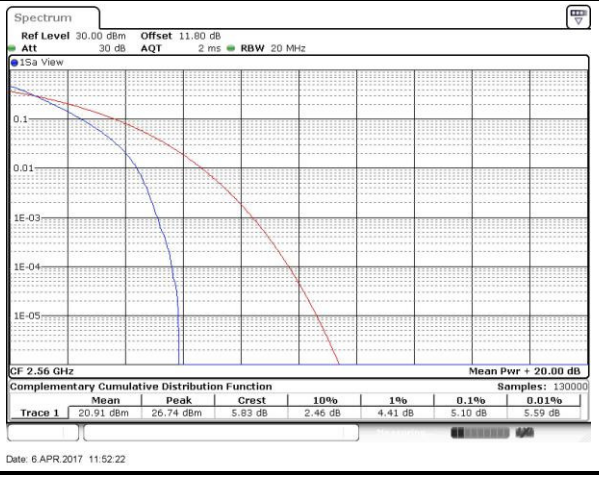


Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB

Highest Channel / Full RB