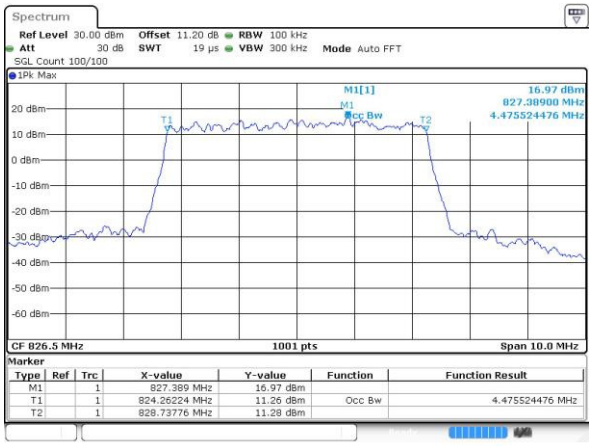
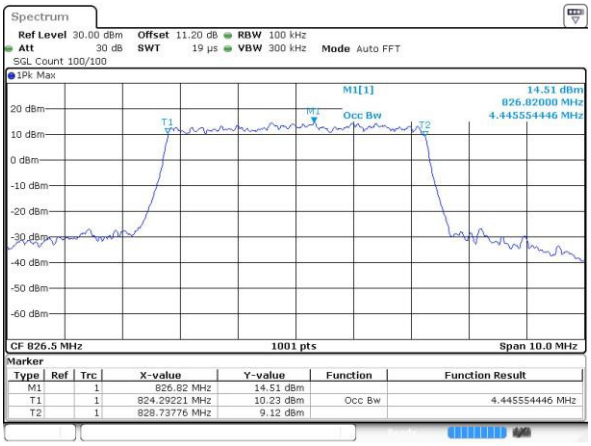
LTE Band 5

Lowest Channel / 5MHz / QPSK



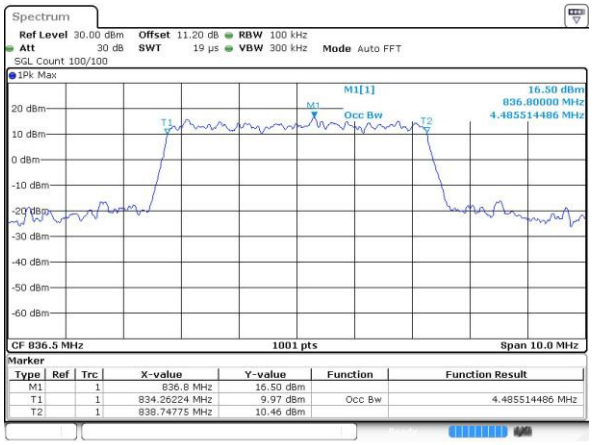
Date: 26.MAY.2016 04:41:08

Lowest Channel / 5MHz / 16QAM



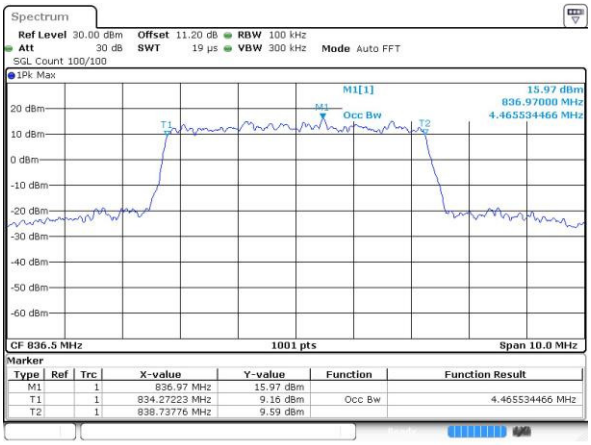
Date: 26.MAY.2016 04:41:18

Middle Channel / 5MHz / QPSK



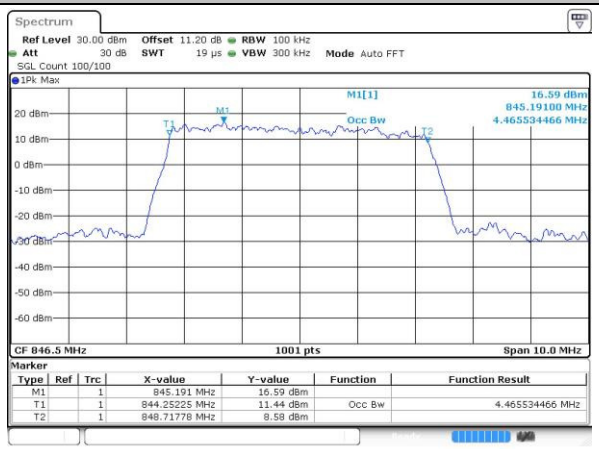
Date: 26.MAY.2016 04:51:48

Middle Channel / 5MHz / 16QAM



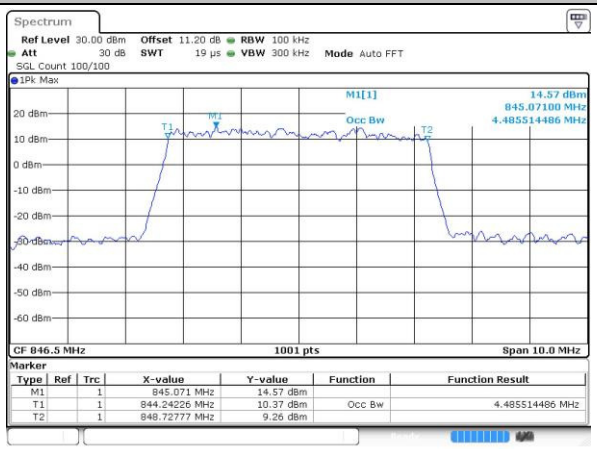
Date: 26.MAY.2016 04:51:59

Highest Channel / 5MHz / QPSK



Date: 26.MAY.2016 04:54:19

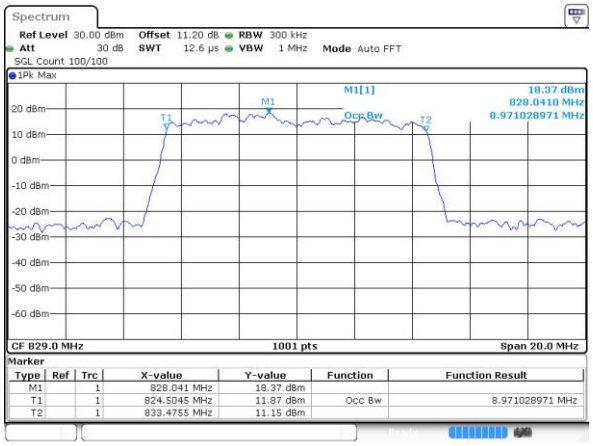
Highest Channel / 5MHz / 16QAM



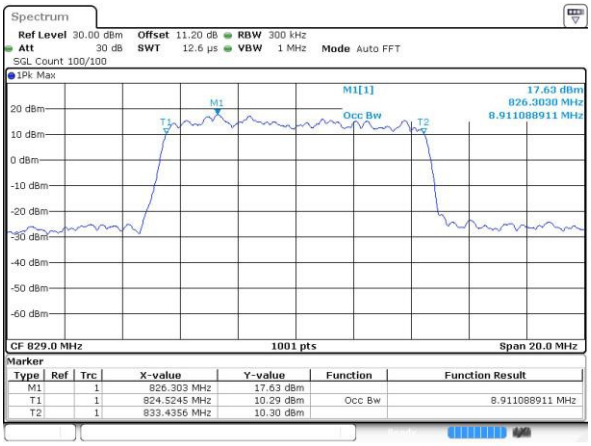
Date: 26.MAY.2016 04:54:30

LTE Band 5

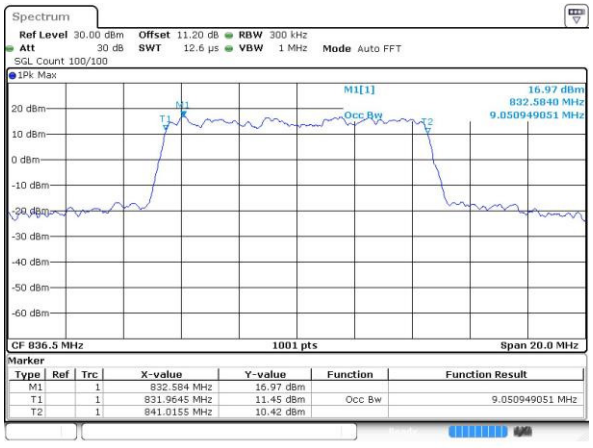
Lowest Channel / 10MHz / QPSK



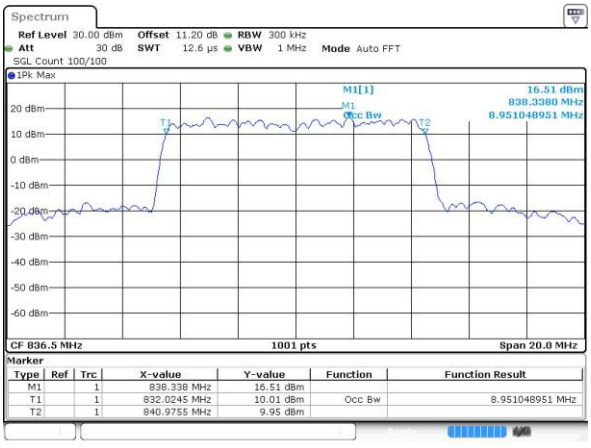
Lowest Channel / 10MHz / 16QAM



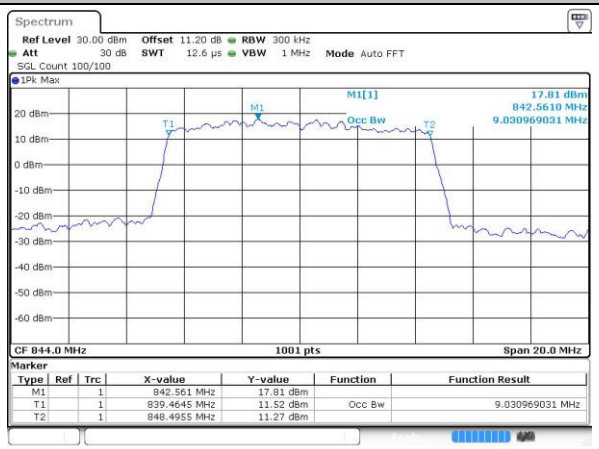
Middle Channel / 10MHz / QPSK



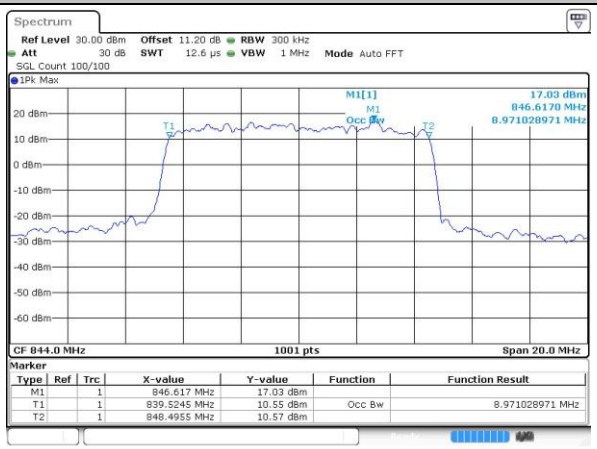
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



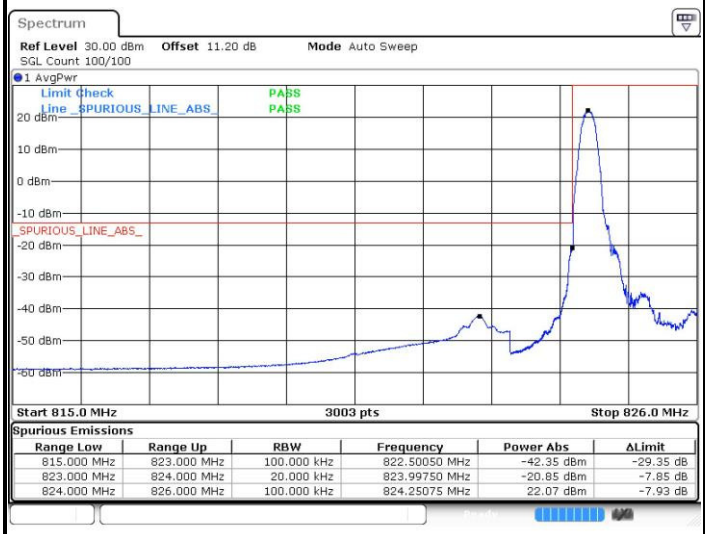
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

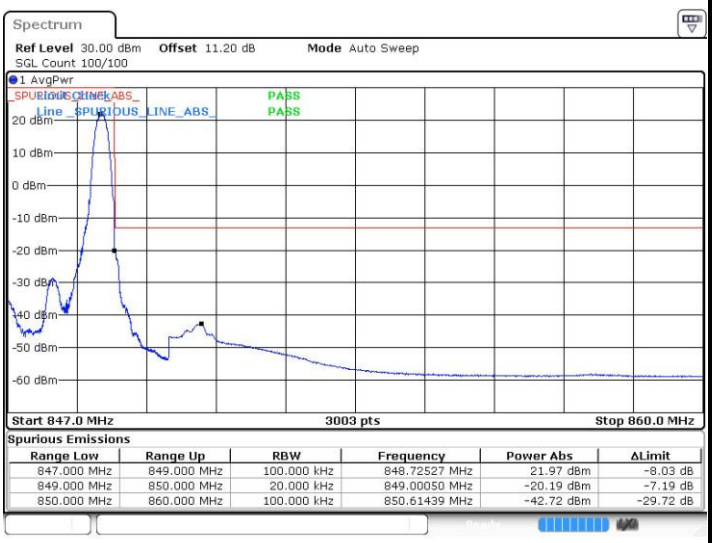


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.50050 MHz	-42.35 dBm	-29.35 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99750 MHz	-20.85 dBm	-7.85 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.25075 MHz	22.07 dBm	-7.93 dB

Date: 26.MAY.2016 05:36:00

Highest Band Edge / 1RB

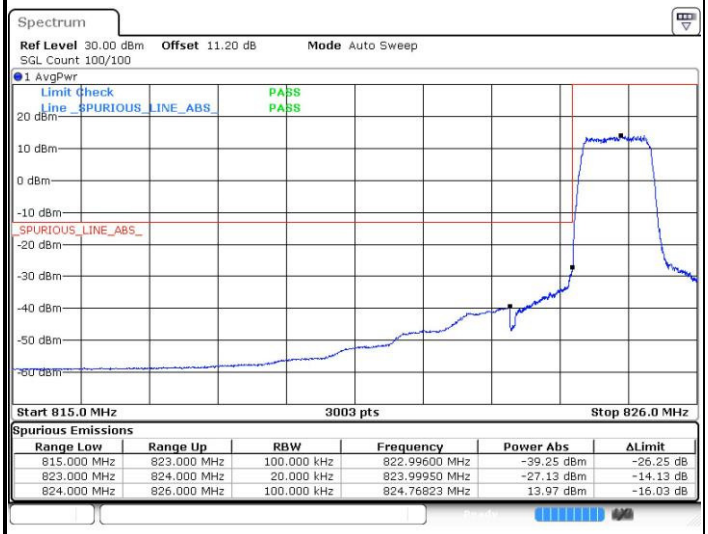


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72527 MHz	21.97 dBm	-8.03 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-20.19 dBm	-7.19 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.61439 MHz	-42.72 dBm	-29.72 dB

Date: 26.MAY.2016 05:53:16

Lowest Band Edge / Full RB

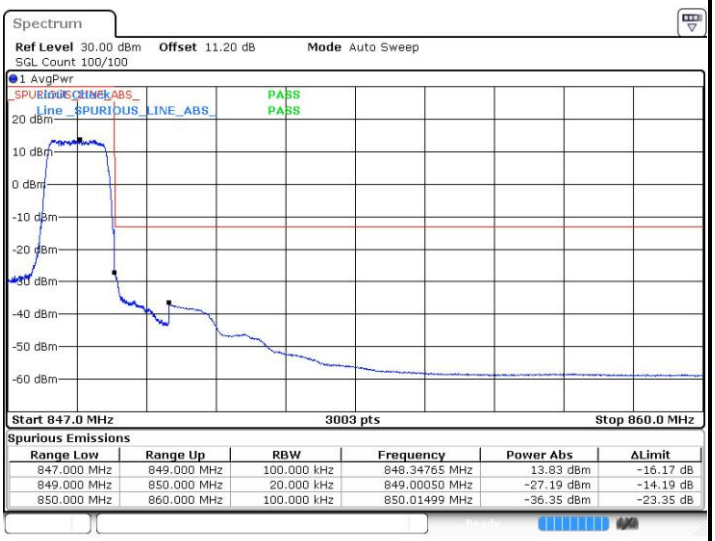


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-39.25 dBm	-26.25 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-27.13 dBm	-14.13 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.76823 MHz	13.97 dBm	-16.03 dB

Date: 26.MAY.2016 05:40:05

Highest Band Edge / Full RB



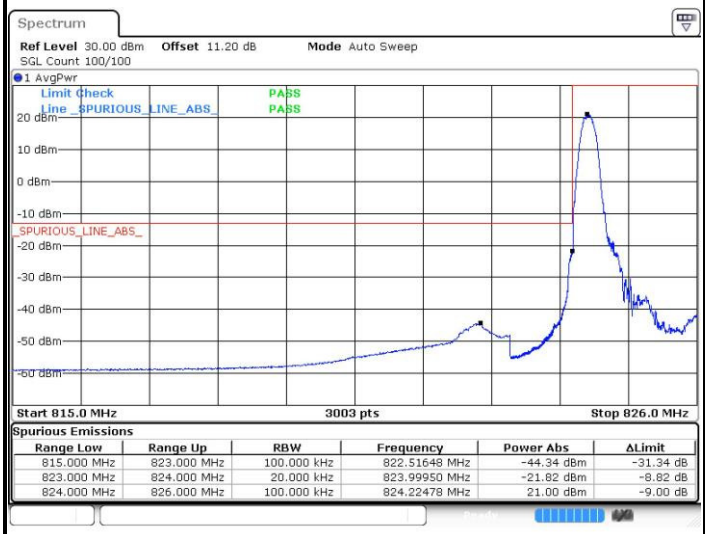
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.34765 MHz	13.83 dBm	-16.17 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-27.19 dBm	-14.19 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-36.35 dBm	-23.35 dB

Date: 26.MAY.2016 05:49:12

LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

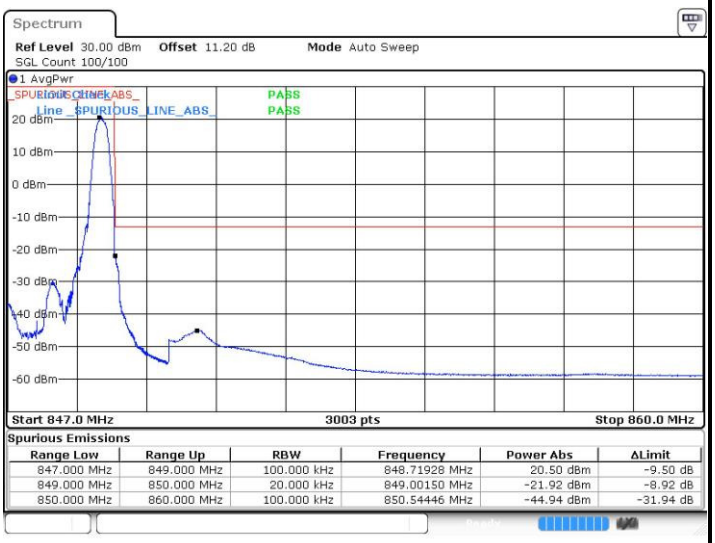


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.51648 MHz	-44.34 dBm	-31.34 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-21.82 dBm	-8.82 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.22478 MHz	21.00 dBm	-9.00 dB

Date: 26.MAY.2016 05:38:02

Highest Band Edge / 1 RB

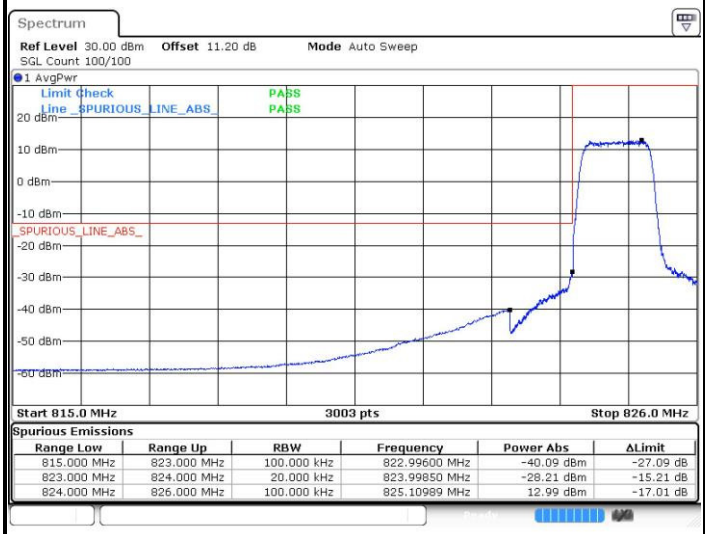


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.71928 MHz	20.50 dBm	-9.50 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00150 MHz	-21.92 dBm	-8.92 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.54446 MHz	-44.94 dBm	-31.94 dB

Date: 26.MAY.2016 05:55:19

Lowest Band Edge / Full RB

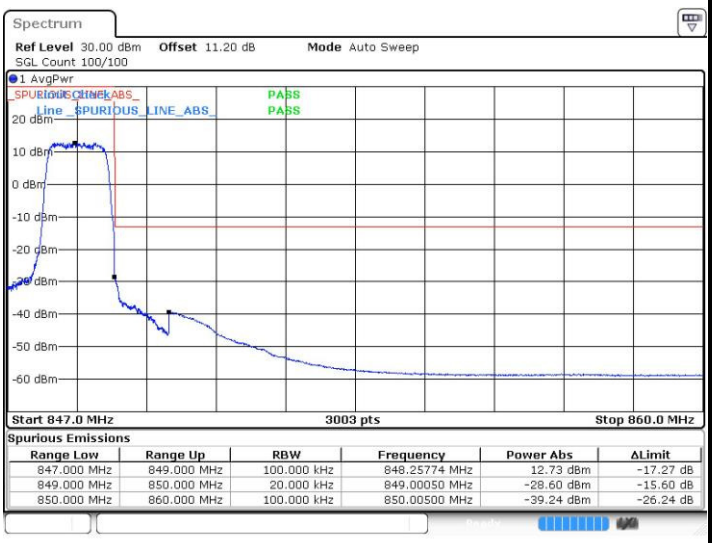


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-40.09 dBm	-27.09 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-28.21 dBm	-15.21 dB
824.000 MHz	826.000 MHz	100.000 kHz	825.10989 MHz	12.99 dBm	-17.01 dB

Date: 26.MAY.2016 05:42:07

Highest Band Edge / Full RB



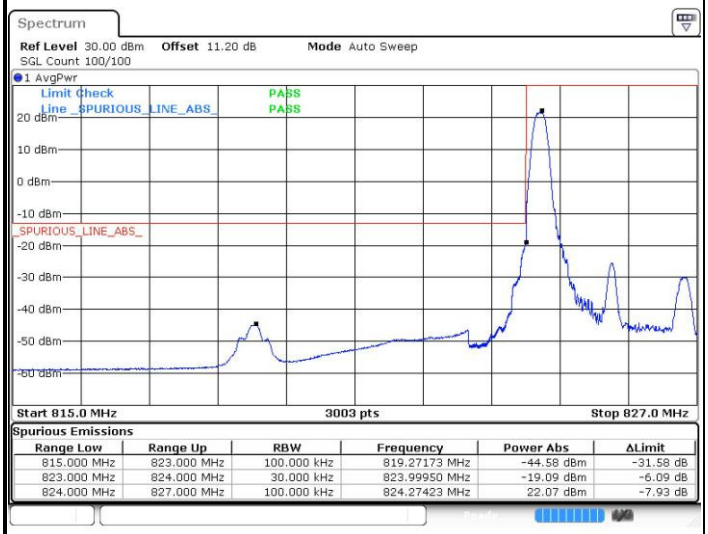
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.25774 MHz	12.73 dBm	-17.27 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-28.60 dBm	-15.60 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.24 dBm	-26.24 dB

Date: 26.MAY.2016 05:51:14

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

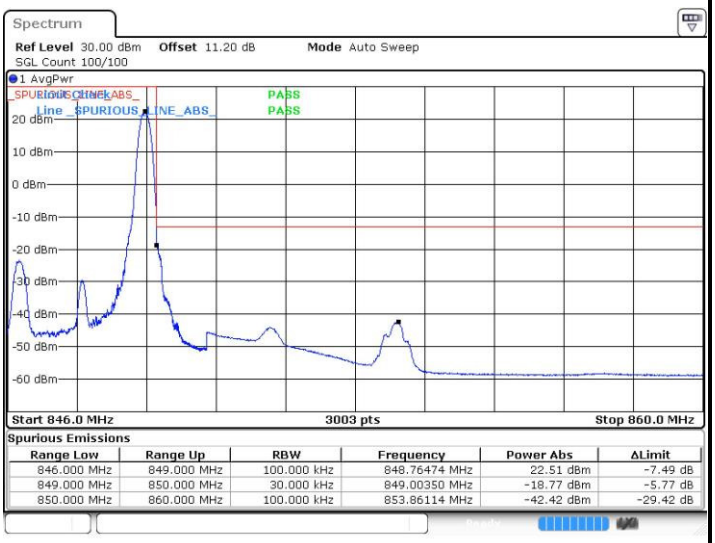


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.27173 MHz	-44.58 dBm	-31.58 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-19.09 dBm	-6.09 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.27423 MHz	22.07 dBm	-7.93 dB

Date: 26.MAY.2016 04:19:50

Highest Band Edge / 1 RB

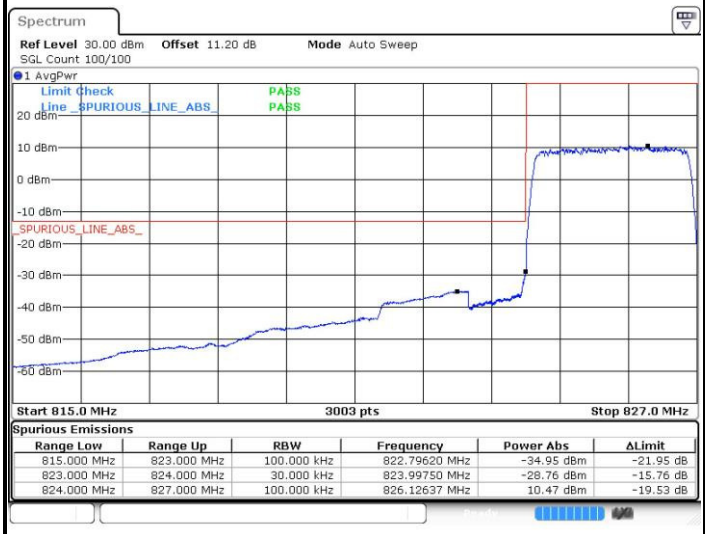


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.76474 MHz	22.51 dBm	-7.49 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00350 MHz	-18.77 dBm	-5.77 dB
850.000 MHz	860.000 MHz	100.000 kHz	853.86114 MHz	-42.42 dBm	-29.42 dB

Date: 26.MAY.2016 04:33:01

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	822.79620 MHz	-34.95 dBm	-21.95 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99750 MHz	-28.76 dBm	-15.76 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.12637 MHz	10.47 dBm	-19.53 dB

Date: 26.MAY.2016 04:23:54

Highest Band Edge / Full RB

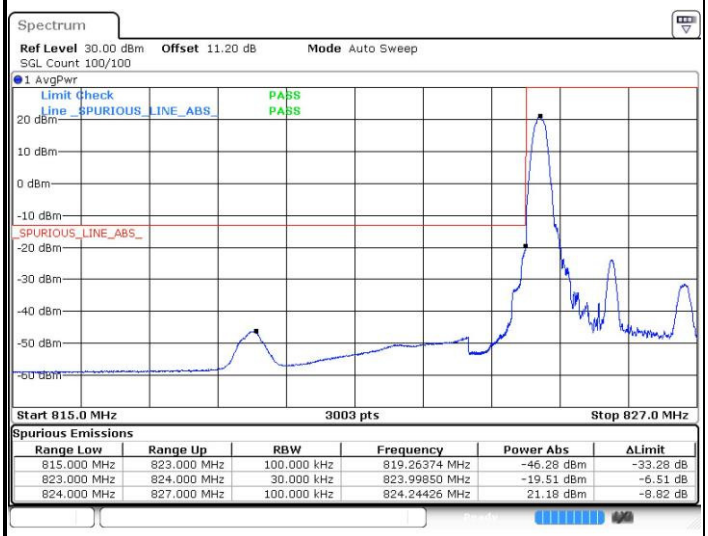
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.78671 MHz	10.56 dBm	-19.44 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-28.09 dBm	-15.09 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.20480 MHz	-34.11 dBm	-21.11 dB

Date: 26.MAY.2016 04:37:06

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

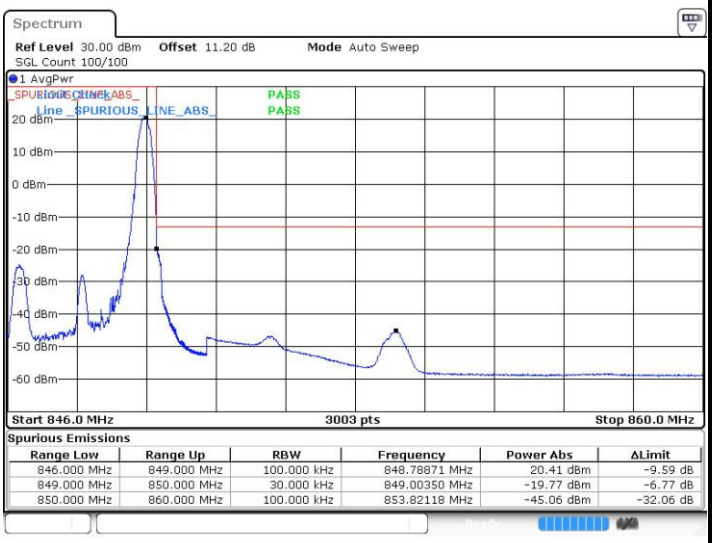


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.26374 MHz	-46.28 dBm	-33.28 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-19.51 dBm	-6.51 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.24426 MHz	21.18 dBm	-8.82 dB

Date: 26.MAY.2016 04:21:52

Highest Band Edge /1 RB

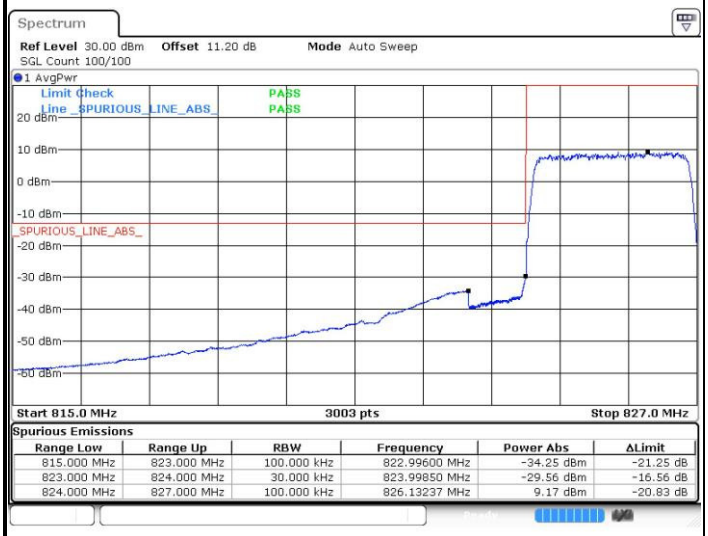


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.78871 MHz	20.41 dBm	-9.59 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00350 MHz	-19.77 dBm	-6.77 dB
850.000 MHz	860.000 MHz	100.000 kHz	853.82118 MHz	-45.06 dBm	-32.06 dB

Date: 26.MAY.2016 04:35:03

Lowest Band Edge / Full RB

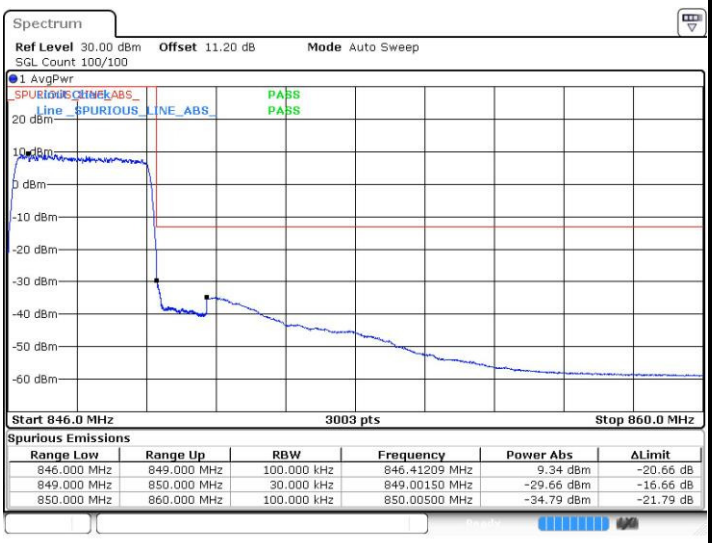


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-34.25 dBm	-21.25 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-29.56 dBm	-16.56 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.13237 MHz	9.17 dBm	-20.83 dB

Date: 26.MAY.2016 04:25:56

Highest Band Edge / Full RB



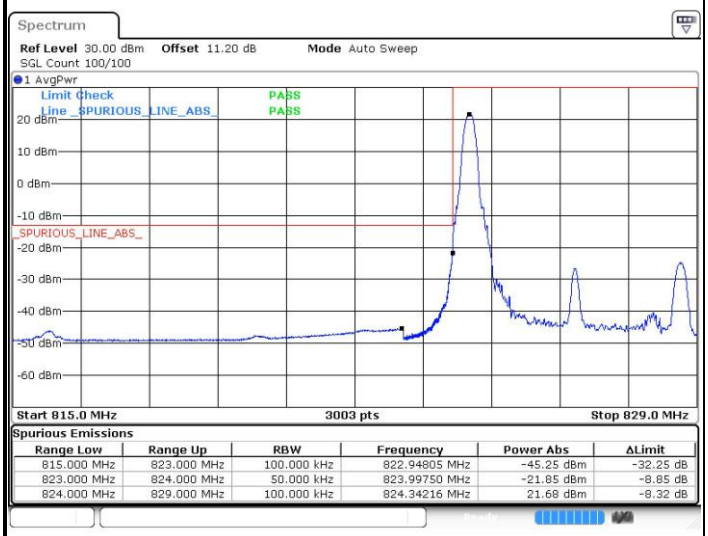
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.41209 MHz	9.34 dBm	-20.66 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-29.66 dBm	-16.66 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-34.79 dBm	-21.79 dB

Date: 26.MAY.2016 04:39:08

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

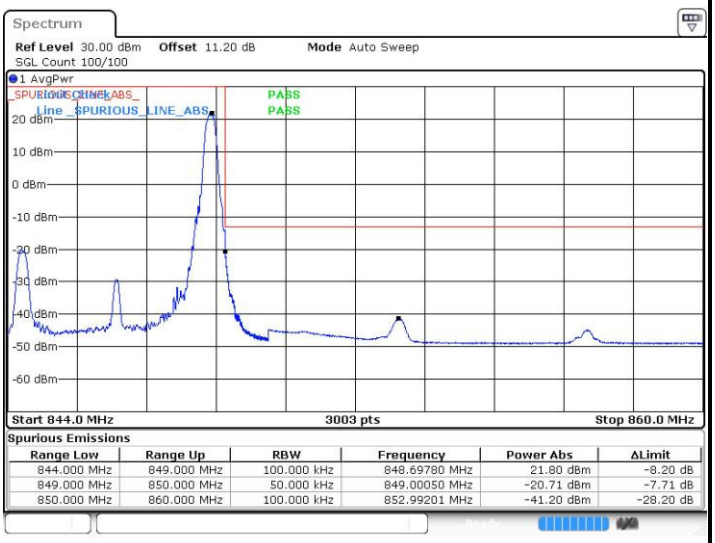


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94805 MHz	-45.25 dBm	-32.25 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-21.85 dBm	-8.85 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34216 MHz	21.68 dBm	-8.32 dB

Date: 26.MAY.2016 04:43:41

Highest Band Edge / 1 RB

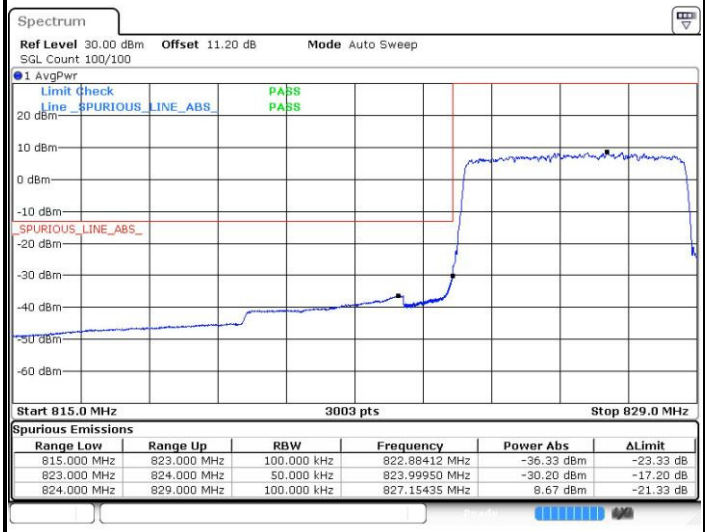


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.69780 MHz	21.80 dBm	-8.20 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-20.71 dBm	-7.71 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.99201 MHz	-41.20 dBm	-28.20 dB

Date: 26.MAY.2016 04:56:53

Lowest Band Edge / Full RB

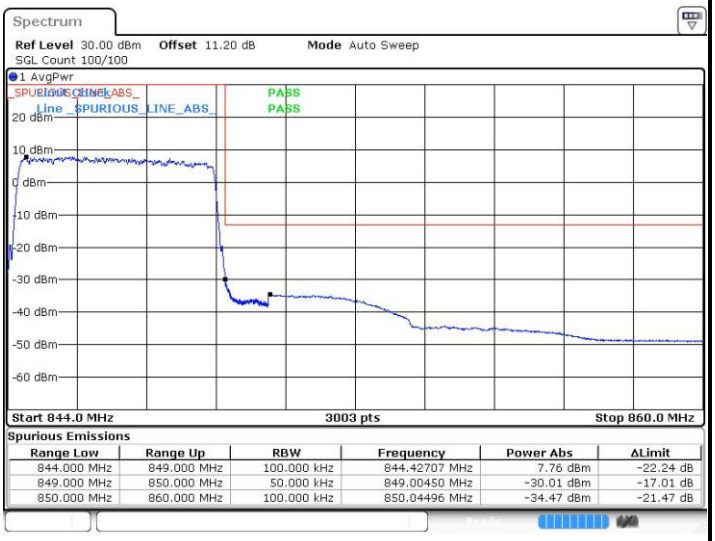


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.88412 MHz	-36.33 dBm	-23.33 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-30.20 dBm	-17.20 dB
824.000 MHz	829.000 MHz	100.000 kHz	827.15435 MHz	8.67 dBm	-21.33 dB

Date: 26.MAY.2016 04:47:46

Highest Band Edge / Full RB



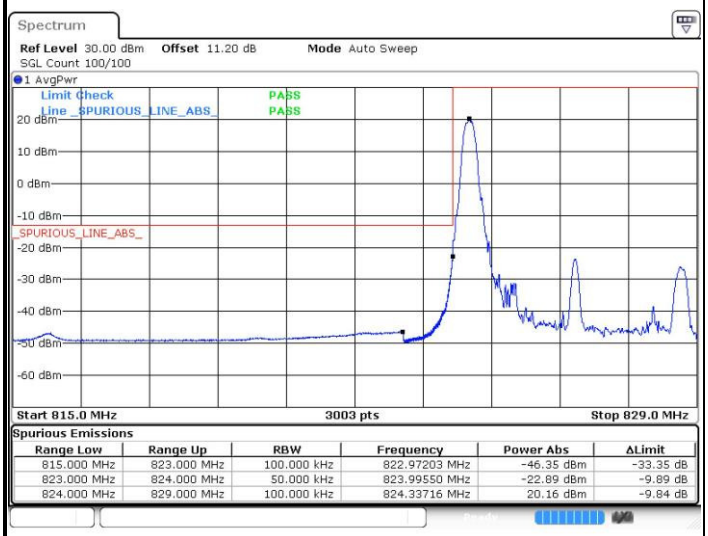
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.42707 MHz	7.76 dBm	-22.24 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00450 MHz	-30.01 dBm	-17.01 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-34.47 dBm	-21.47 dB

Date: 26.MAY.2016 05:00:58

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

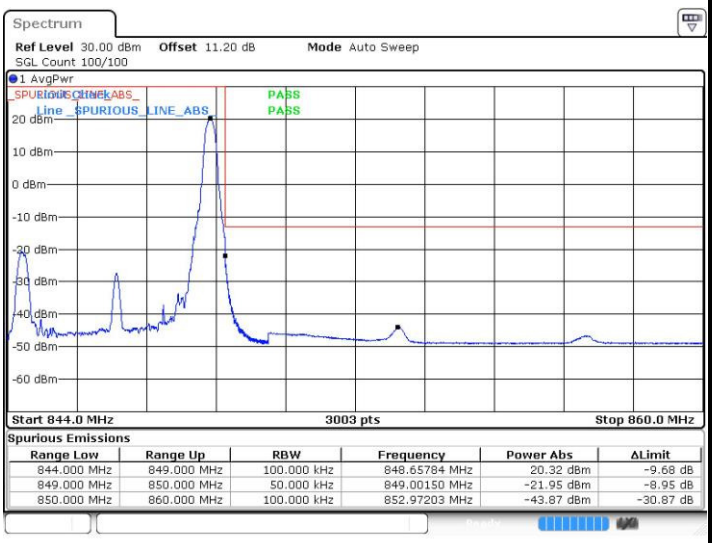


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-46.35 dBm	-33.35 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99550 MHz	-22.89 dBm	-9.89 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.33716 MHz	20.16 dBm	-9.84 dB

Date: 26.MAY.2016 04:45:44

Highest Band Edge / 1 RB

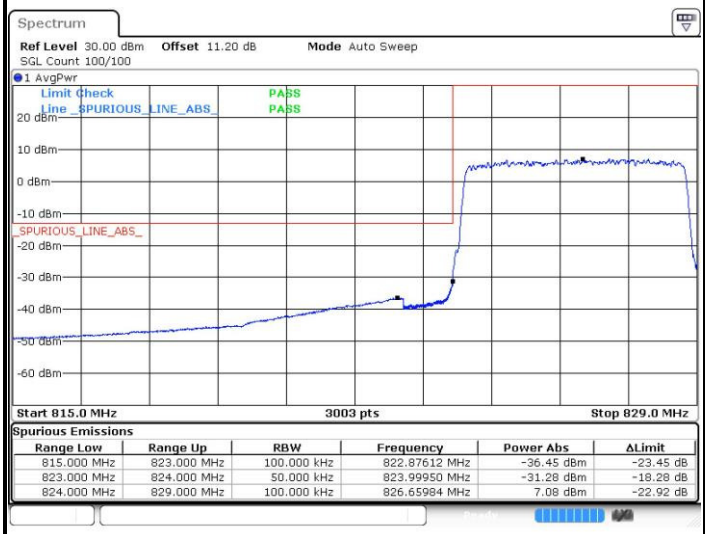


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.65784 MHz	20.32 dBm	-9.68 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00150 MHz	-21.95 dBm	-8.95 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.97203 MHz	-43.87 dBm	-30.87 dB

Date: 26.MAY.2016 04:58:55

Lowest Band Edge / Full RB

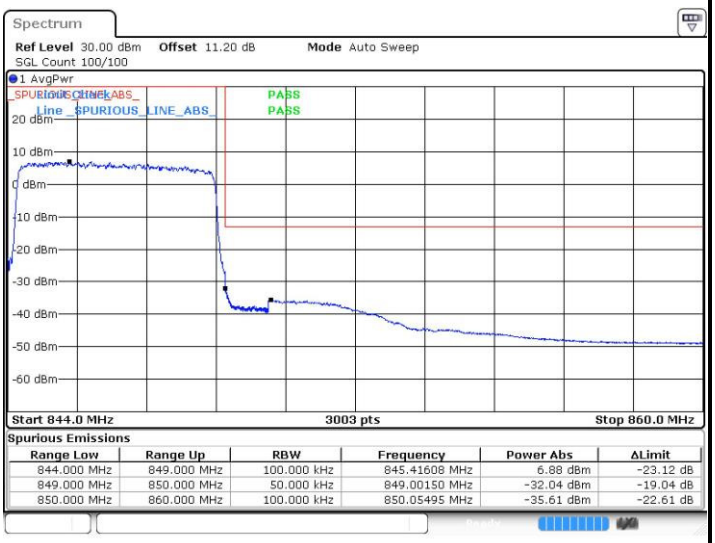


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.87612 MHz	-36.45 dBm	-23.45 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-31.28 dBm	-18.28 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.65984 MHz	7.08 dBm	-22.92 dB

Date: 26.MAY.2016 04:49:49

Highest Band Edge / Full RB



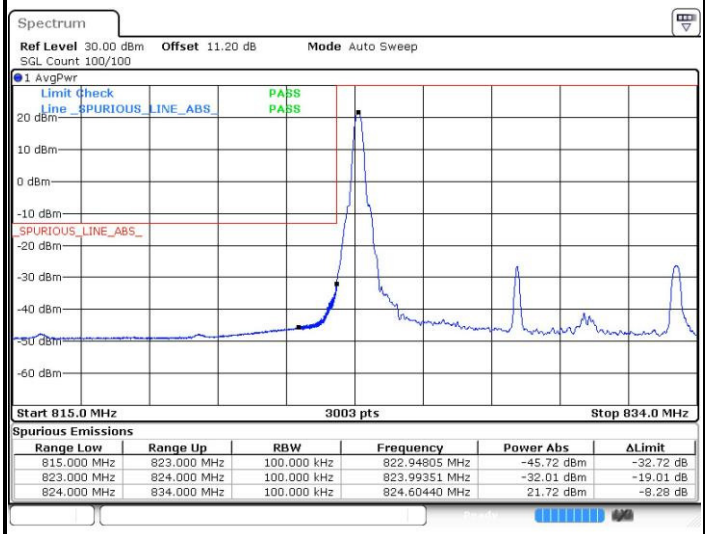
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.41608 MHz	6.88 dBm	-23.12 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00150 MHz	-32.04 dBm	-19.04 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-35.61 dBm	-22.61 dB

Date: 26.MAY.2016 05:03:00

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

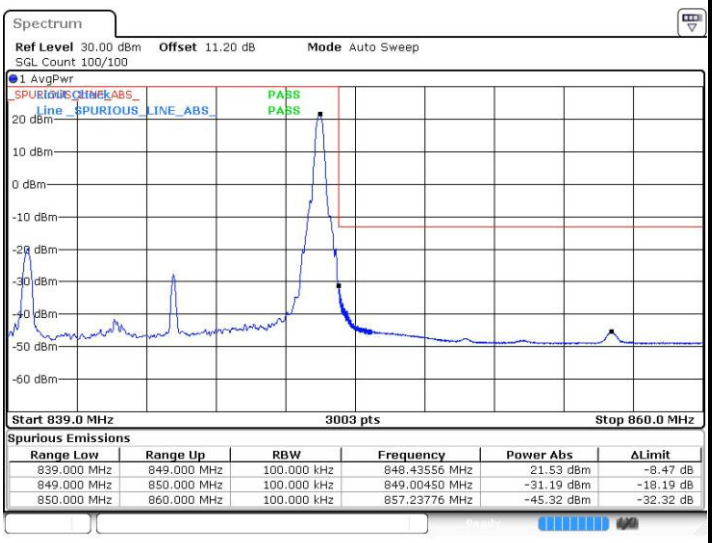


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94805 MHz	-45.72 dBm	-32.72 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99351 MHz	-32.01 dBm	-19.01 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.60440 MHz	21.72 dBm	-8.28 dB

Date: 26.MAY.2016 05:07:33

Highest Band Edge / 1 RB

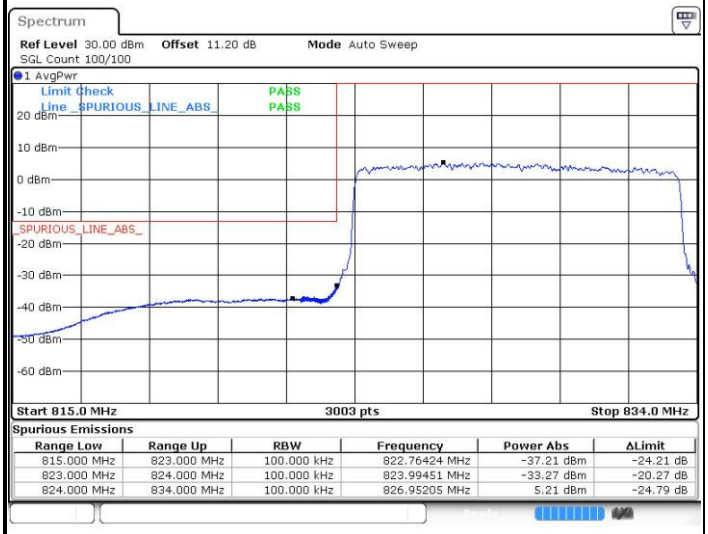


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.43556 MHz	21.53 dBm	-8.47 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00450 MHz	-31.19 dBm	-18.19 dB
850.000 MHz	860.000 MHz	100.000 kHz	857.23776 MHz	-45.32 dBm	-32.32 dB

Date: 26.MAY.2016 05:20:45

Lowest Band Edge / Full RB

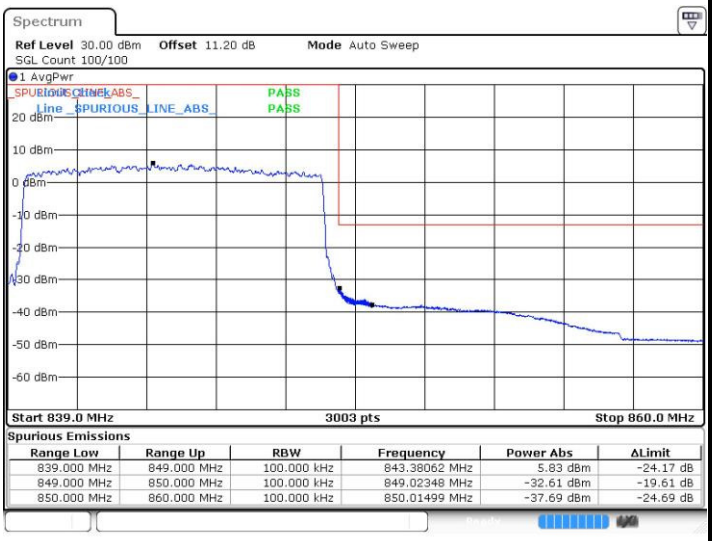


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.76424 MHz	-37.21 dBm	-24.21 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99451 MHz	-33.27 dBm	-20.27 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.95205 MHz	5.21 dBm	-24.79 dB

Date: 26.MAY.2016 05:11:38

Highest Band Edge / Full RB



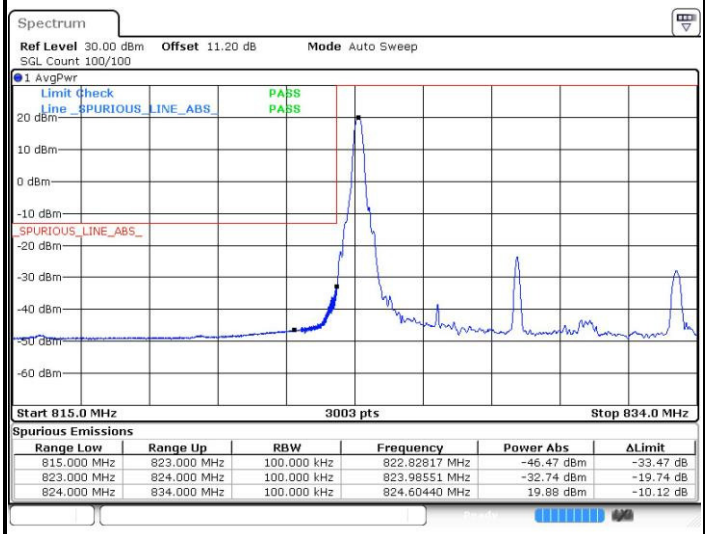
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	843.38062 MHz	5.83 dBm	-24.17 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.02348 MHz	-32.61 dBm	-19.61 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-37.69 dBm	-24.69 dB

Date: 26.MAY.2016 05:24:49

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

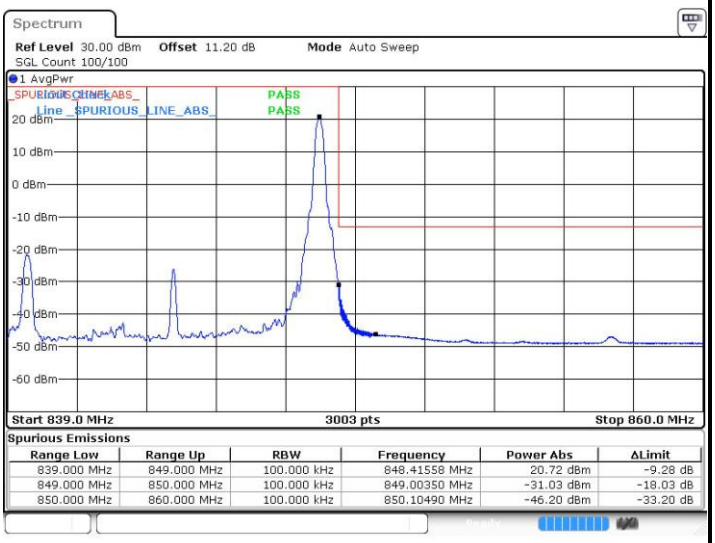


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.82817 MHz	-46.47 dBm	-33.47 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98551 MHz	-32.74 dBm	-19.74 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.60440 MHz	19.88 dBm	-10.12 dB

Date: 26.MAY.2016 05:09:35

Highest Band Edge / 1 RB

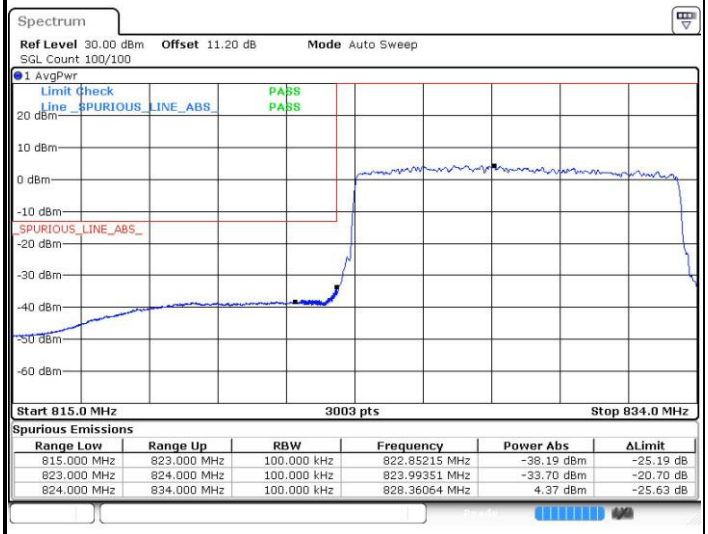


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.41558 MHz	20.72 dBm	-9.28 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00350 MHz	-31.03 dBm	-18.03 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.10490 MHz	-46.20 dBm	-33.20 dB

Date: 26.MAY.2016 05:22:47

Lowest Band Edge / Full RB

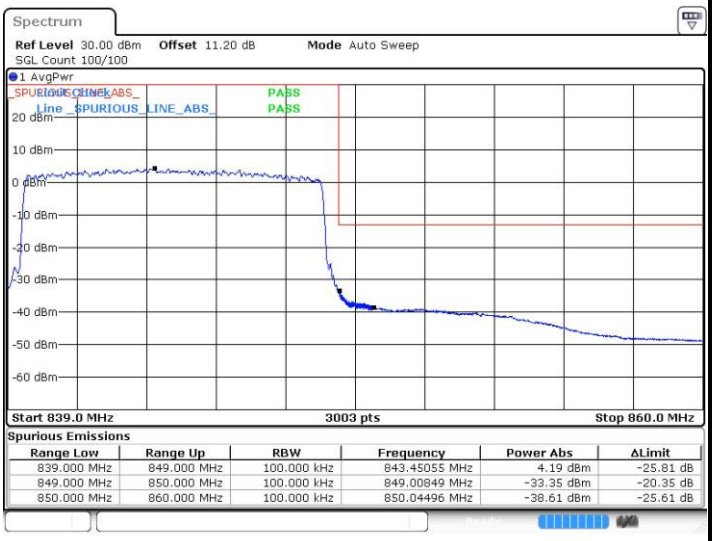


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.85215 MHz	-38.19 dBm	-25.19 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99351 MHz	-33.70 dBm	-20.70 dB
824.000 MHz	834.000 MHz	100.000 kHz	828.36064 MHz	4.37 dBm	-25.63 dB

Date: 26.MAY.2016 05:13:40

Highest Band Edge / Full RB



Spurious Emissions

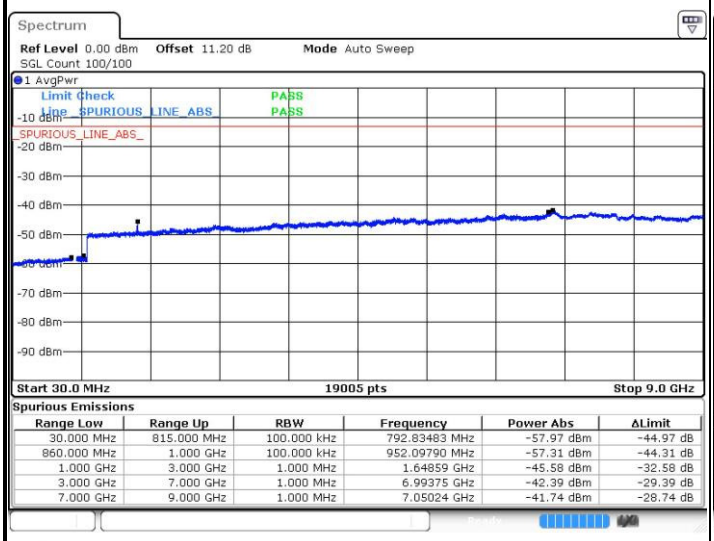
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	843.45055 MHz	4.19 dBm	-25.81 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00849 MHz	-33.35 dBm	-20.35 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-38.61 dBm	-25.61 dB

Date: 26.MAY.2016 05:26:52

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

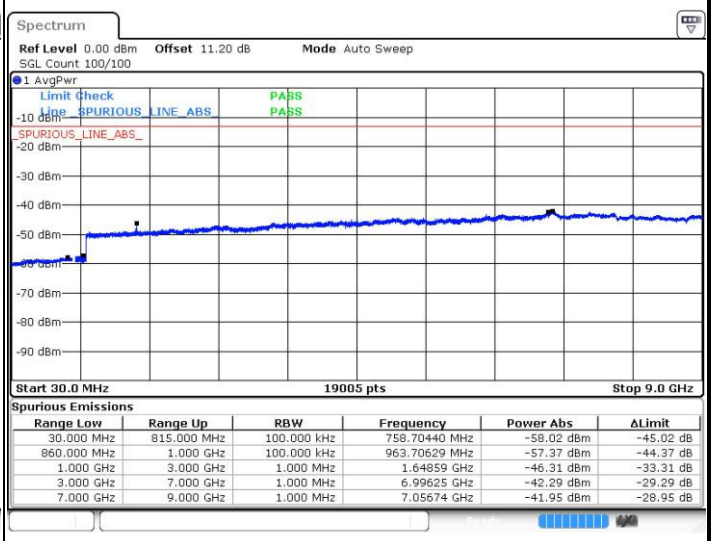


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	792.83483 MHz	-57.97 dBm	-44.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	952.09790 MHz	-57.31 dBm	-44.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-45.58 dBm	-32.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.39 dBm	-29.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05024 GHz	-41.74 dBm	-28.74 dB

Date: 26.MAY.2016 05:43:02

Lowest Channel / 16QAM

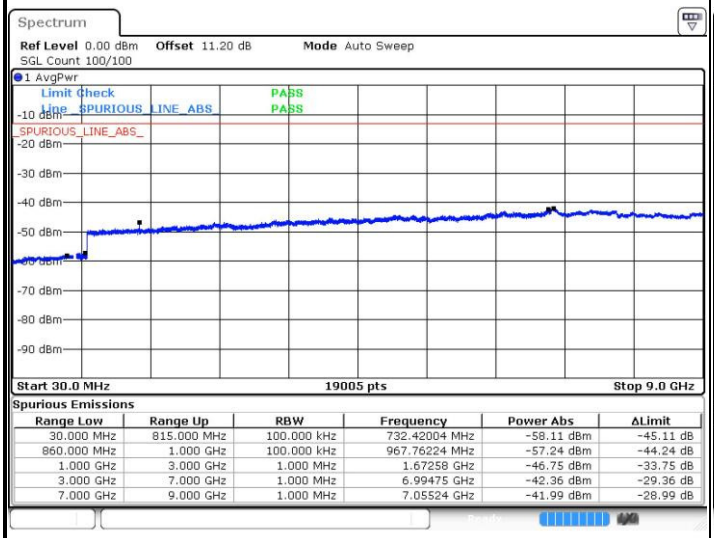


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	758.70440 MHz	-58.02 dBm	-45.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	963.70629 MHz	-57.37 dBm	-44.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-42.29 dBm	-29.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05674 GHz	-41.95 dBm	-28.95 dB

Date: 26.MAY.2016 05:43:57

Middle Channel / QPSK

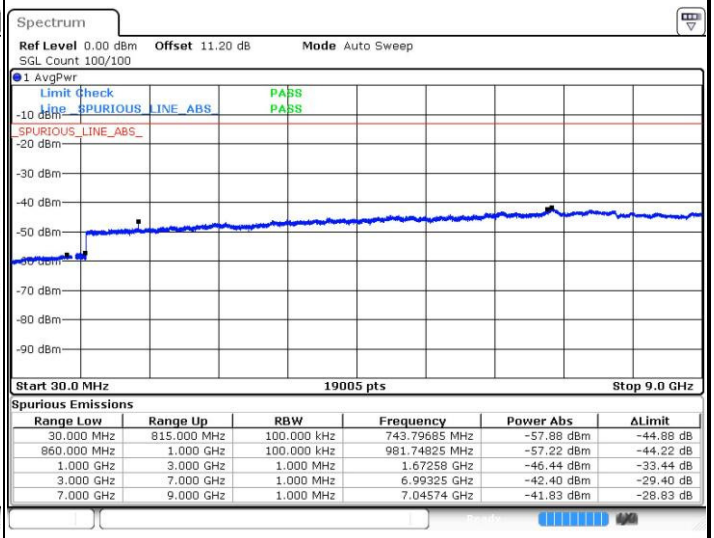


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	732.42004 MHz	-58.11 dBm	-45.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	967.76224 MHz	-57.24 dBm	-44.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.36 dBm	-29.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05524 GHz	-41.99 dBm	-28.99 dB

Date: 26.MAY.2016 05:45:33

Middle Channel / 16QAM



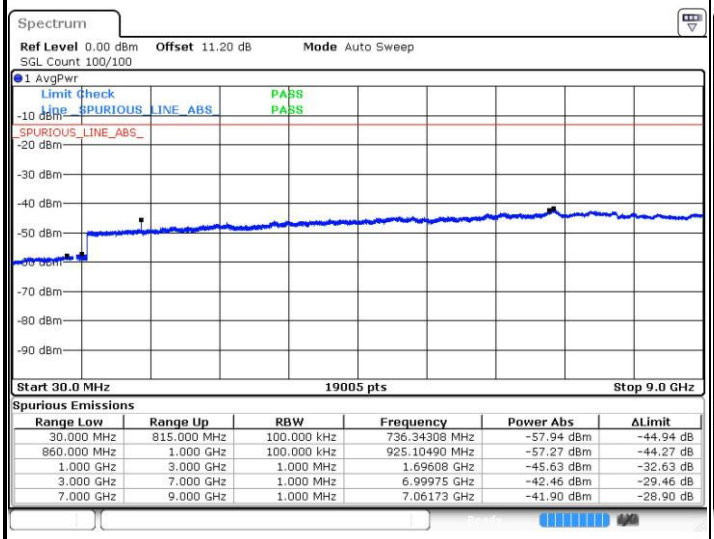
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	743.79685 MHz	-57.88 dBm	-44.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	981.74825 MHz	-57.22 dBm	-44.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.44 dBm	-33.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-42.40 dBm	-29.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04574 GHz	-41.83 dBm	-28.83 dB

Date: 26.MAY.2016 05:46:28

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

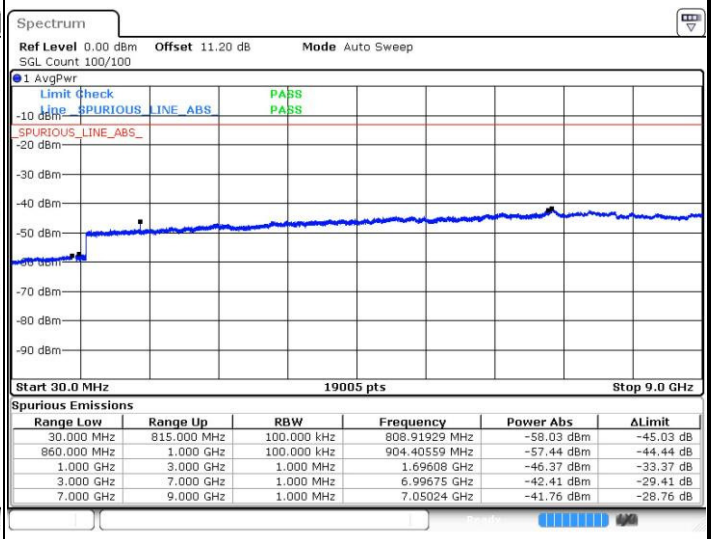


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	736.34308 MHz	-57.94 dBm	-44.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	925.10490 MHz	-57.27 dBm	-44.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-45.63 dBm	-32.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-42.46 dBm	-29.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06173 GHz	-41.90 dBm	-28.90 dB

Date: 26.MAY.2016 05:56:14

Highest Channel / 16QAM



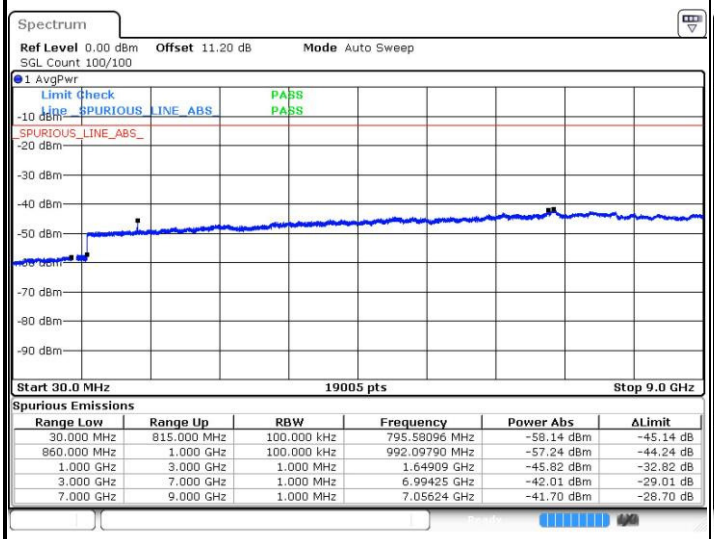
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-58.03 dBm	-45.03 dB
860.000 MHz	1.000 GHz	100.000 kHz	904.40559 MHz	-57.44 dBm	-44.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.37 dBm	-33.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-42.41 dBm	-29.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05024 GHz	-41.76 dBm	-28.76 dB

Date: 26.MAY.2016 05:57:08

LTE Band 5 / 3MHz

Lowest Channel / QPSK

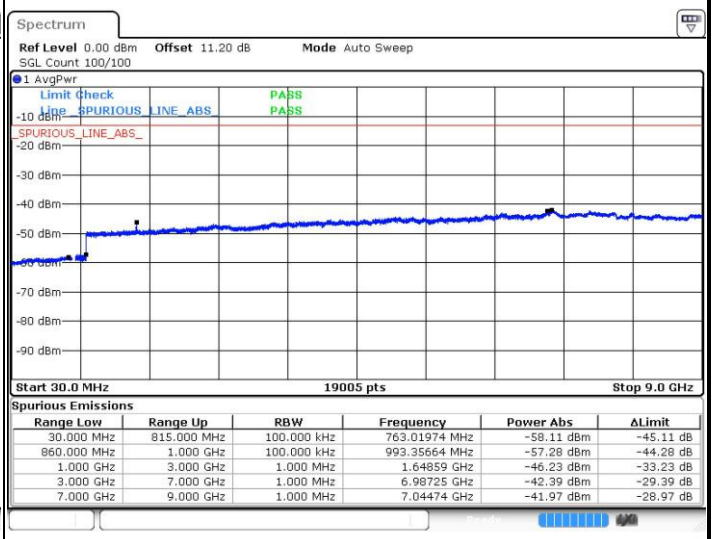


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	795.58096 MHz	-58.14 dBm	-45.14 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.09790 MHz	-57.24 dBm	-44.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05624 GHz	-41.70 dBm	-28.70 dB

Date: 26.MAY.2016 04:26:52

Lowest Channel / 16QAM



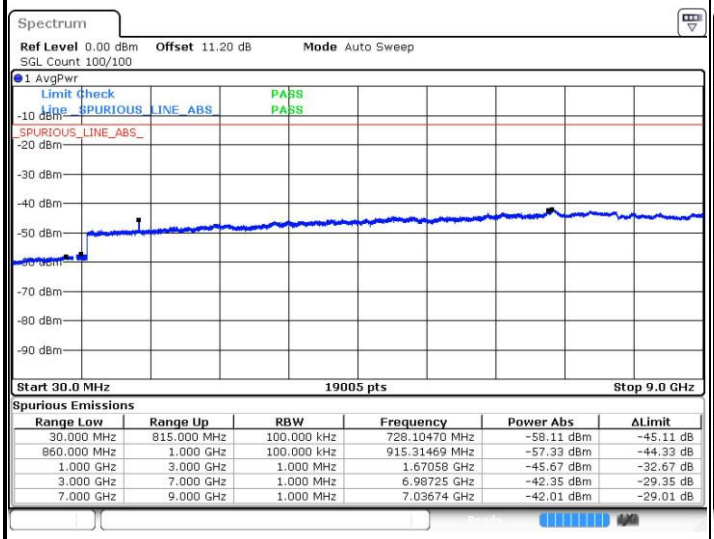
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	763.01974 MHz	-58.11 dBm	-45.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.35664 MHz	-57.28 dBm	-44.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-42.39 dBm	-29.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04474 GHz	-41.97 dBm	-28.97 dB

Date: 26.MAY.2016 04:27:46

LTE Band 5 / 3MHz

Middle Channel / QPSK

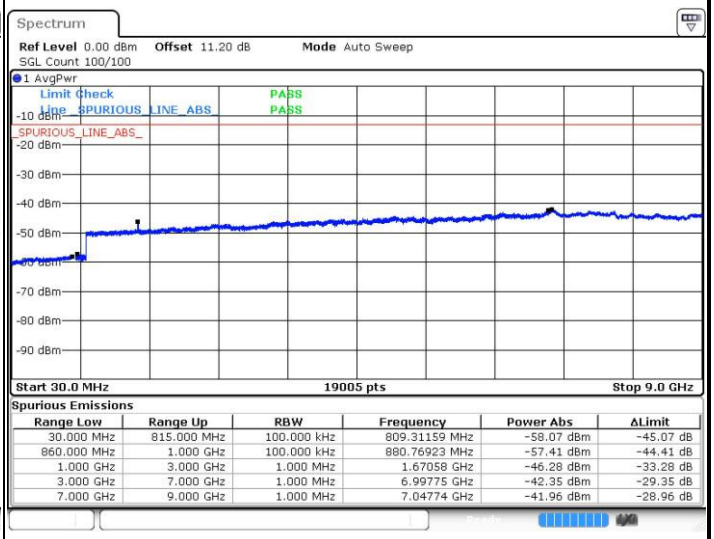


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	728.10470 MHz	-58.11 dBm	-45.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	915.31469 MHz	-57.33 dBm	-44.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-45.67 dBm	-32.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-42.35 dBm	-29.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03674 GHz	-42.01 dBm	-29.01 dB

Date: 26.MAY.2016 04:29:23

Middle Channel / 16QAM

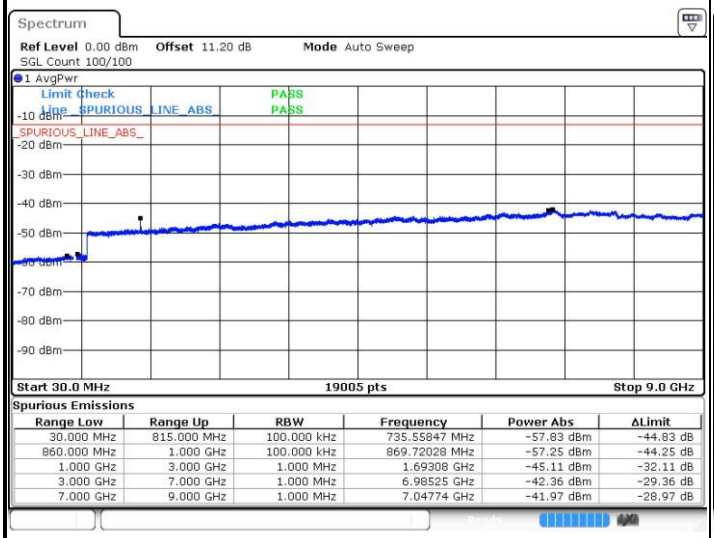


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	809.31159 MHz	-58.07 dBm	-45.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.76923 MHz	-57.41 dBm	-44.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-46.28 dBm	-33.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.35 dBm	-29.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04774 GHz	-41.96 dBm	-28.96 dB

Date: 26.MAY.2016 04:30:17

Highest Channel / QPSK

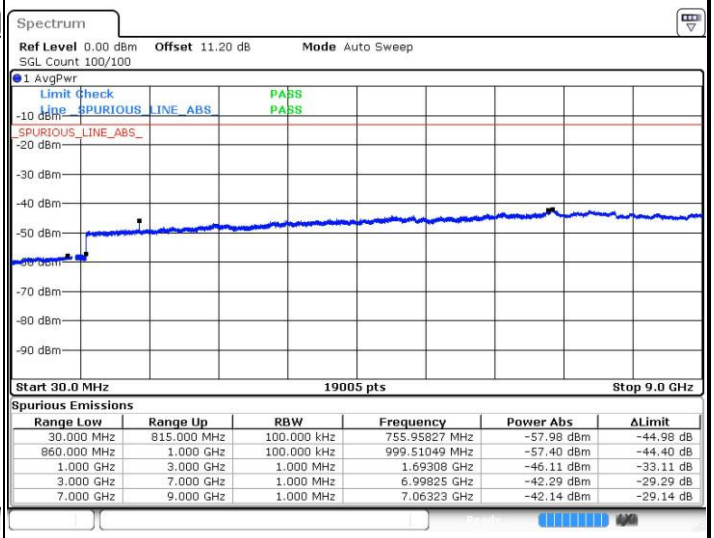


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.55847 MHz	-57.83 dBm	-44.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.72028 MHz	-57.25 dBm	-44.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-45.11 dBm	-32.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-42.36 dBm	-29.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04774 GHz	-41.97 dBm	-28.97 dB

Date: 26.MAY.2016 04:40:03

Highest Channel / 16QAM



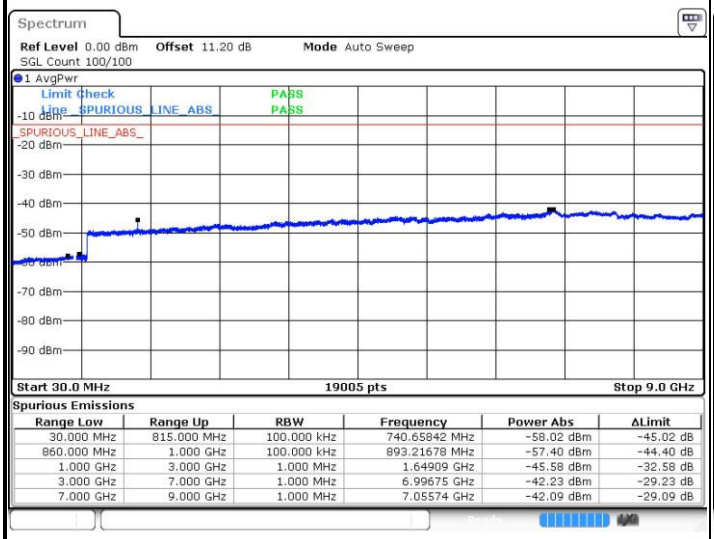
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	755.95827 MHz	-57.98 dBm	-44.98 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.51049 MHz	-57.40 dBm	-44.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-46.11 dBm	-33.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.29 dBm	-29.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06323 GHz	-42.14 dBm	-29.14 dB

Date: 26.MAY.2016 04:40:57

LTE Band 5 / 5MHz

Lowest Channel / QPSK

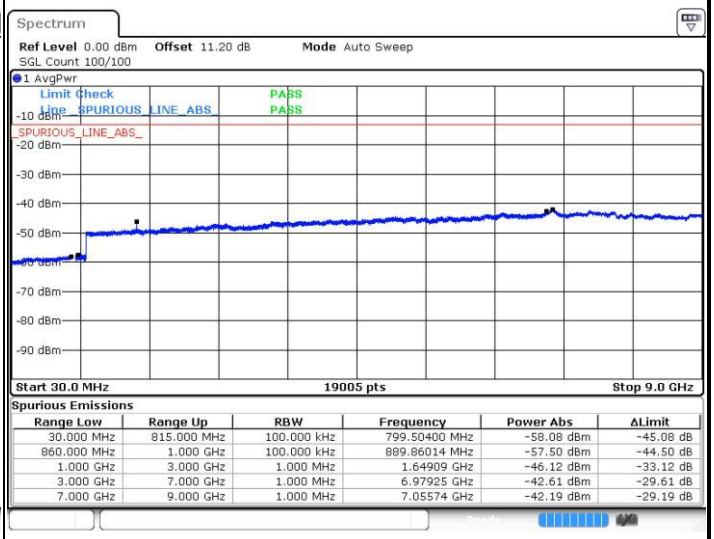


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	740.65842 MHz	-58.02 dBm	-45.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	893.21678 MHz	-57.40 dBm	-44.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.58 dBm	-32.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-42.23 dBm	-29.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05574 GHz	-42.09 dBm	-29.09 dB

Date: 26.MAY.2016 04:50:44

Lowest Channel / 16QAM

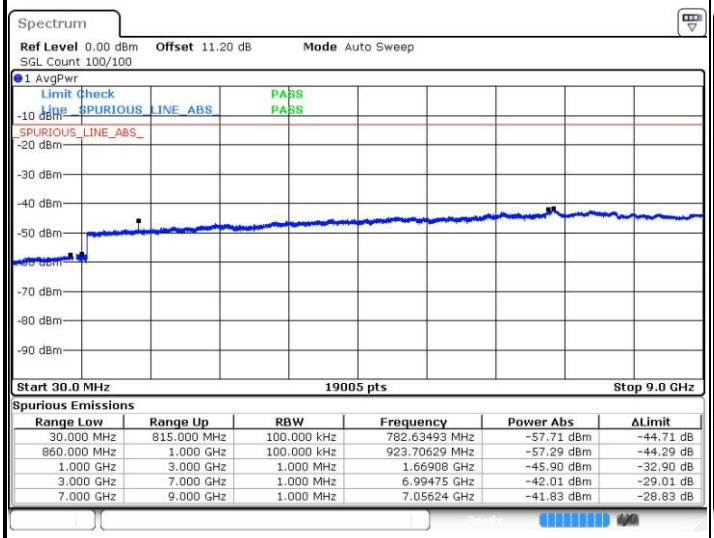


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.50400 MHz	-58.08 dBm	-45.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	889.86014 MHz	-57.50 dBm	-44.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97925 GHz	-42.61 dBm	-29.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05574 GHz	-42.19 dBm	-29.19 dB

Date: 26.MAY.2016 04:51:38

Middle Channel / QPSK

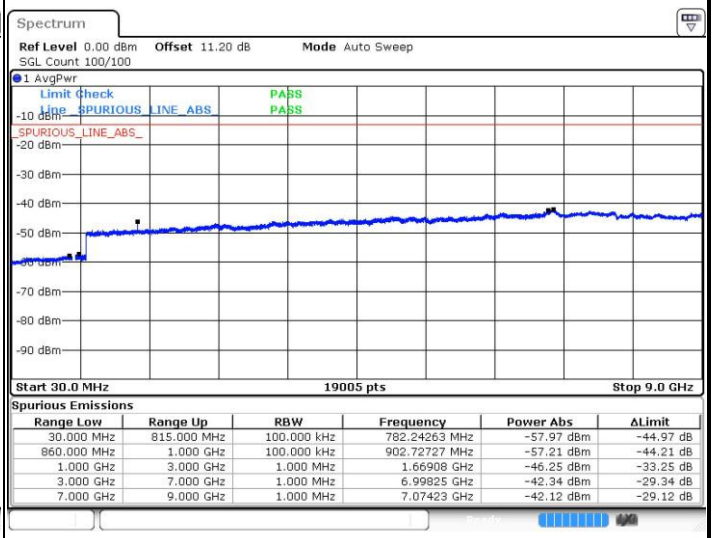


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	782.63493 MHz	-57.71 dBm	-44.71 dB
860.000 MHz	1.000 GHz	100.000 kHz	923.70629 MHz	-57.29 dBm	-44.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.90 dBm	-32.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05624 GHz	-41.83 dBm	-28.83 dB

Date: 26.MAY.2016 04:53:15

Middle Channel / 16QAM



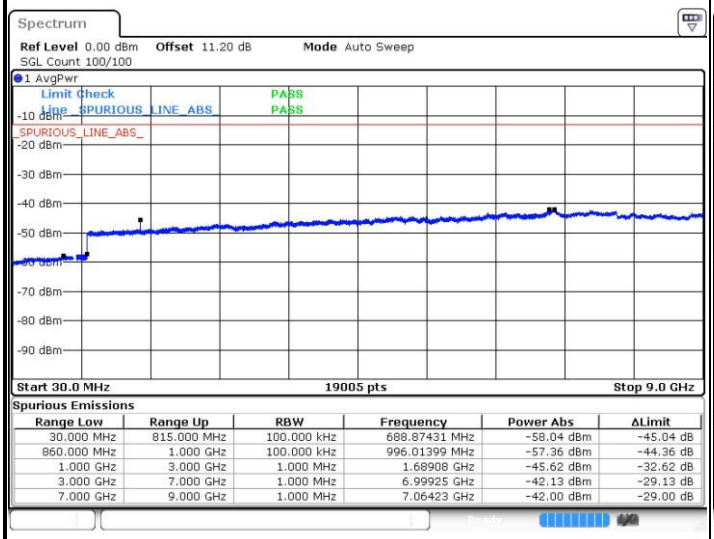
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	782.24263 MHz	-57.97 dBm	-44.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	902.72727 MHz	-57.21 dBm	-44.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.25 dBm	-33.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.34 dBm	-29.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07423 GHz	-42.12 dBm	-29.12 dB

Date: 26.MAY.2016 04:54:09

LTE Band 5 / 5MHz

Highest Channel / QPSK

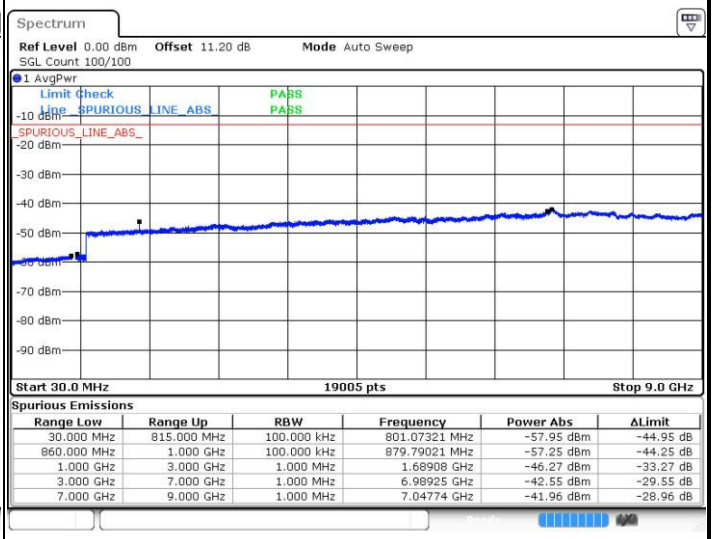


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	688.87431 MHz	-58.04 dBm	-45.04 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.01399 MHz	-57.36 dBm	-44.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-45.62 dBm	-32.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06423 GHz	-42.00 dBm	-29.00 dB

Date: 26.MAY.2016 05:03:55

Highest Channel / 16QAM



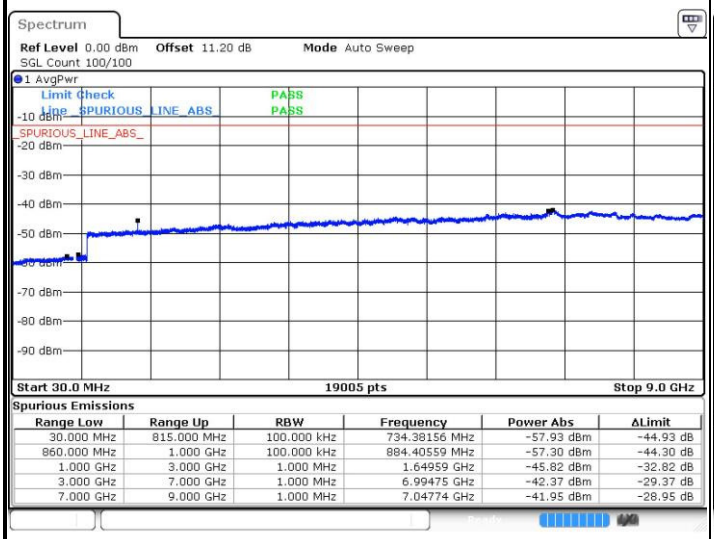
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	801.07321 MHz	-57.95 dBm	-44.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.79021 MHz	-57.25 dBm	-44.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.27 dBm	-33.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.55 dBm	-29.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04774 GHz	-41.96 dBm	-28.96 dB

Date: 26.MAY.2016 05:04:49

LTE Band 5 / 10MHz

Lowest Channel / QPSK

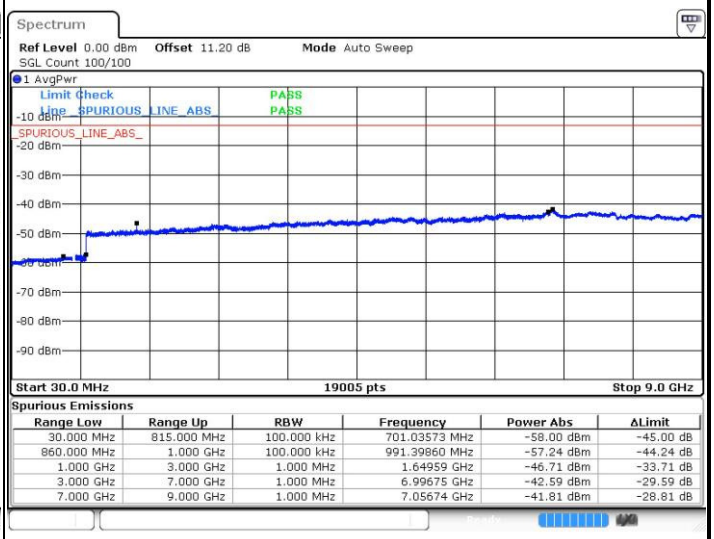


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	734.38156 MHz	-57.93 dBm	-44.93 dB
860.000 MHz	1.000 GHz	100.000 kHz	884.40559 MHz	-57.30 dBm	-44.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.37 dBm	-29.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04774 GHz	-41.95 dBm	-28.95 dB

Date: 26.MAY.2016 05:14:35

Lowest Channel / 16QAM



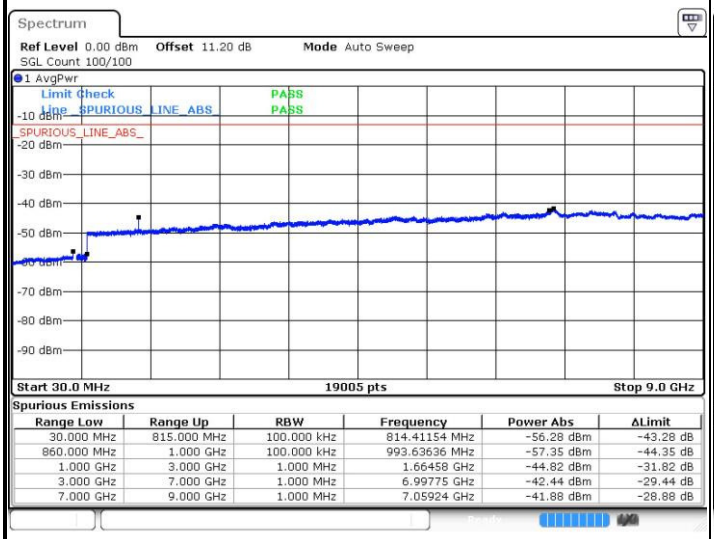
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	701.03573 MHz	-58.00 dBm	-45.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	991.39860 MHz	-57.24 dBm	-44.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-42.59 dBm	-29.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05674 GHz	-41.81 dBm	-28.81 dB

Date: 26.MAY.2016 05:15:30

LTE Band 5 / 10MHz

Middle Channel / QPSK

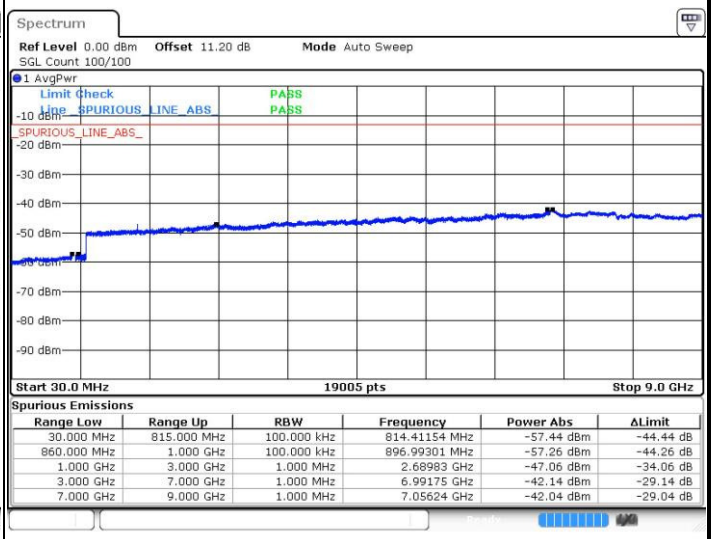


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-56.28 dBm	-43.28 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.63636 MHz	-57.35 dBm	-44.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.82 dBm	-31.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.44 dBm	-29.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05924 GHz	-41.88 dBm	-28.88 dB

Date: 26.MAY.2016 05:17:06

Middle Channel / 16QAM

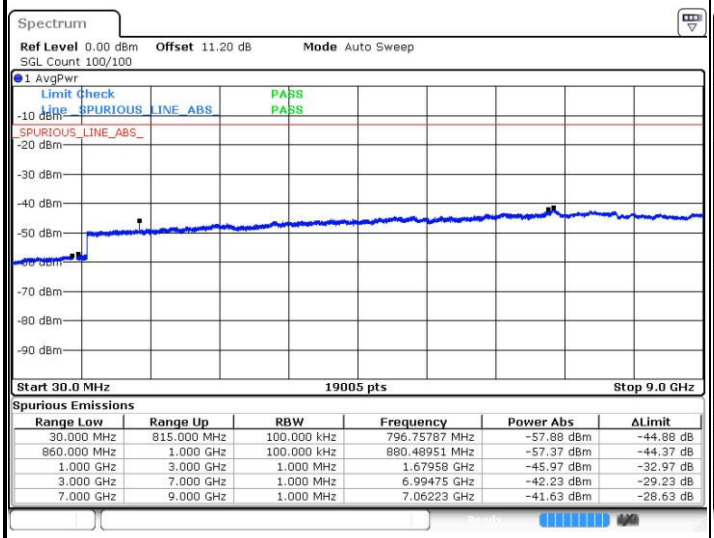


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-57.44 dBm	-44.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.99301 MHz	-57.26 dBm	-44.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.68983 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.14 dBm	-29.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05624 GHz	-42.04 dBm	-29.04 dB

Date: 26.MAY.2016 05:18:01

Highest Channel / QPSK

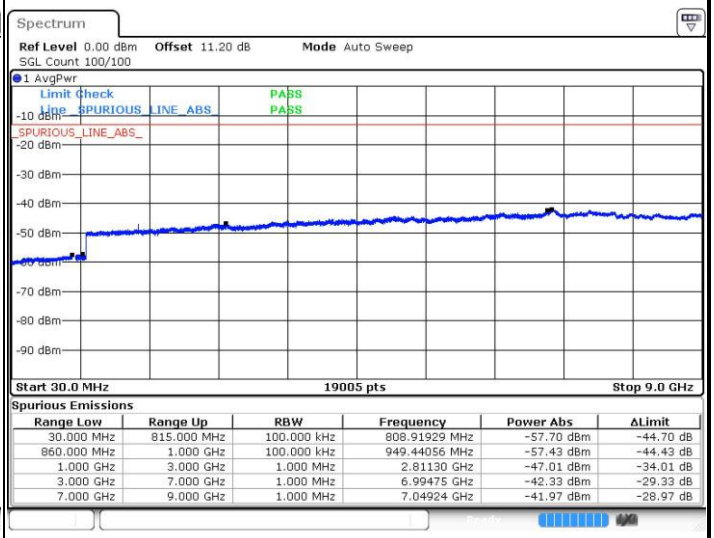


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	796.75787 MHz	-57.88 dBm	-44.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.48951 MHz	-57.37 dBm	-44.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.97 dBm	-32.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.23 dBm	-29.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06223 GHz	-41.63 dBm	-28.63 dB

Date: 26.MAY.2016 05:27:47

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-57.70 dBm	-44.70 dB
860.000 MHz	1.000 GHz	100.000 kHz	949.44056 MHz	-57.43 dBm	-44.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.81130 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.33 dBm	-29.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04924 GHz	-41.97 dBm	-28.97 dB

Date: 26.MAY.2016 05:28:41

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	0.0012	PASS
40	Normal Voltage	0.0112	
30	Normal Voltage	0.0096	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0114	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0100	
20	Maximum Voltage	0.0116	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0103	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

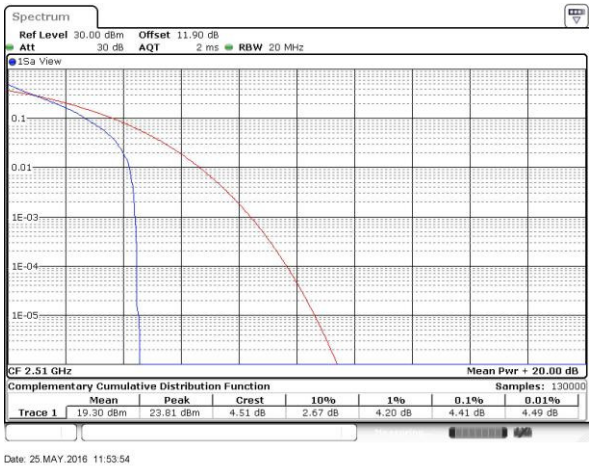
LTE Band 7

Peak-to-Average Ratio

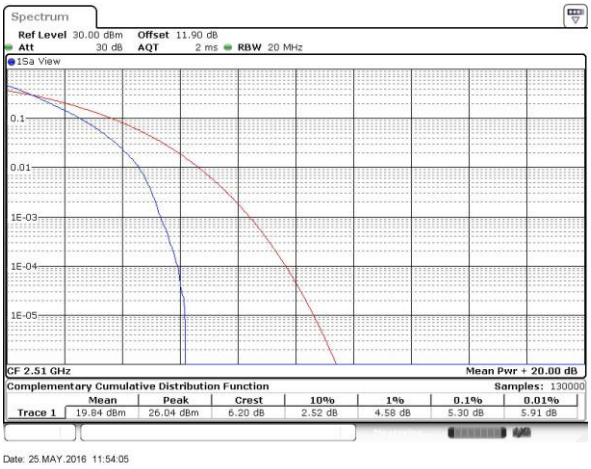
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.41	5.3	5.16	6.41	PASS
Middle CH	5.04	5.13	5.97	6.12	
Highest CH	4.12	5.28	5.54	6.52	

LTE Band 7 / 20MHz / QPSK

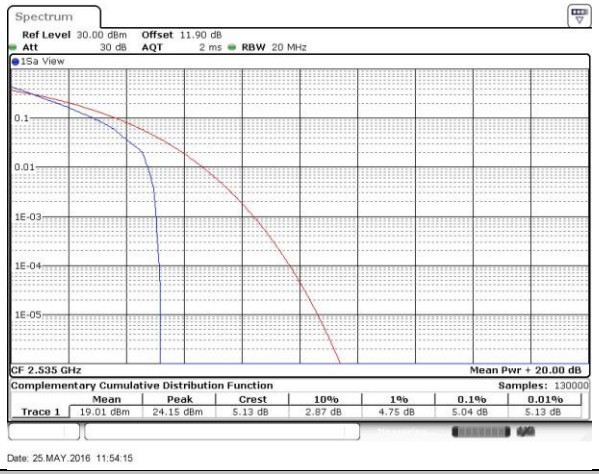
Lowest Channel / 1RB



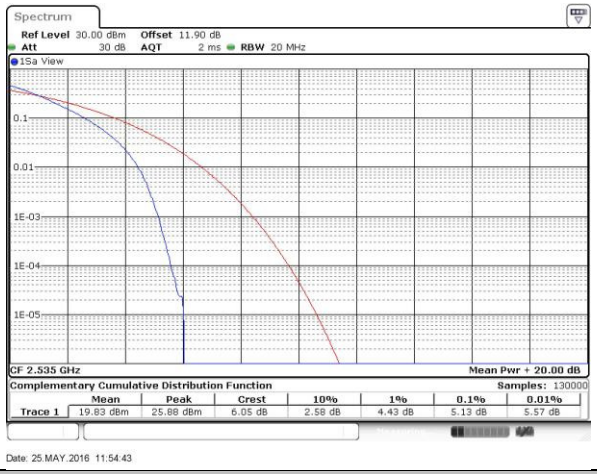
Lowest Channel / Full RB



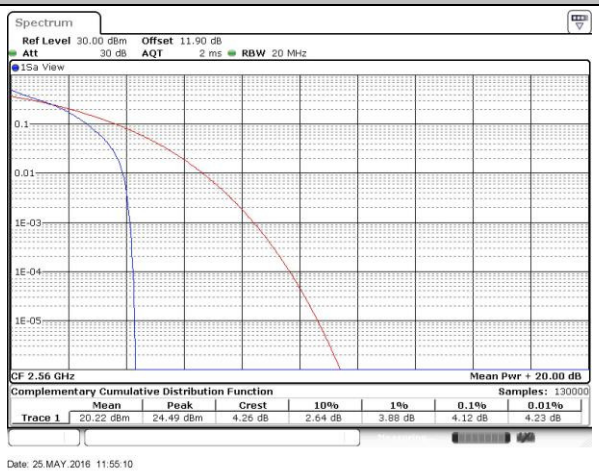
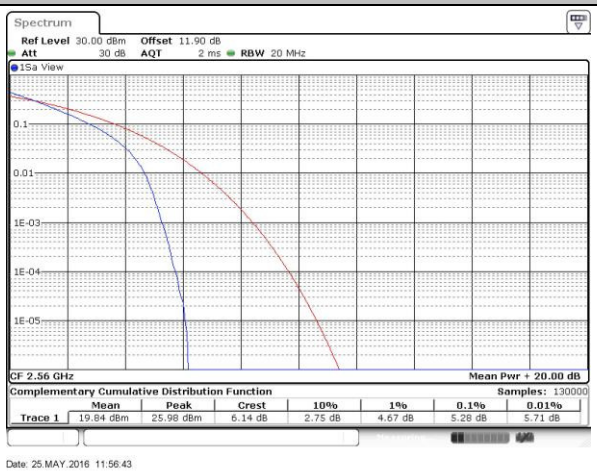
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB