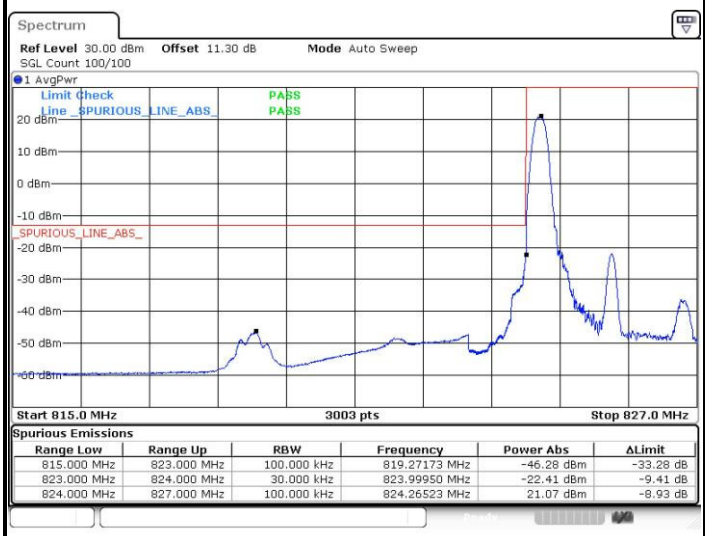
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

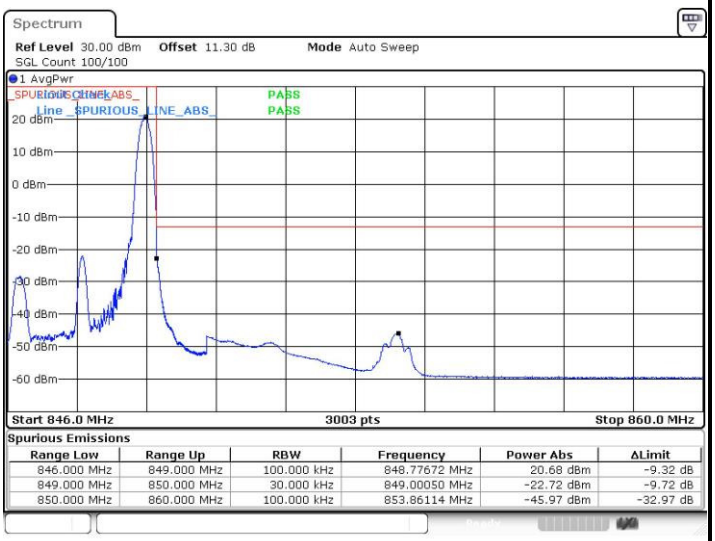


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.27173 MHz	-46.28 dBm	-33.28 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-22.41 dBm	-9.41 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.26523 MHz	21.07 dBm	-8.93 dB

Date: 8.FEB.2016 14:48:07

Highest Band Edge / 1 RB

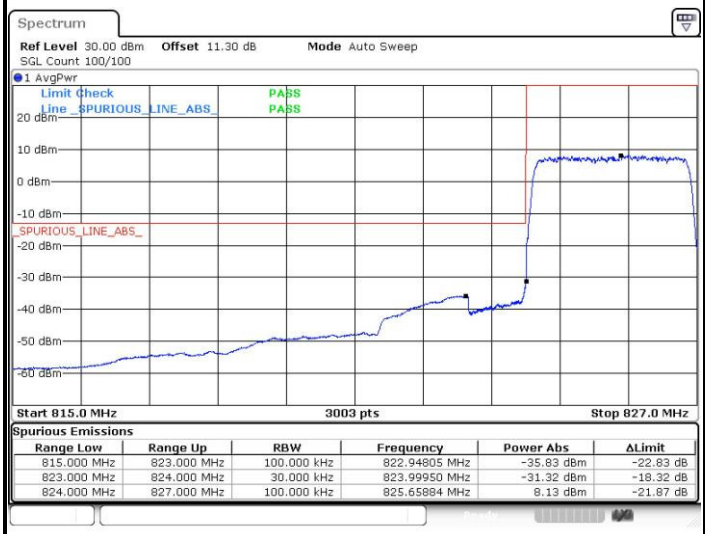


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.77672 MHz	20.68 dBm	-9.32 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-22.72 dBm	-9.72 dB
850.000 MHz	860.000 MHz	100.000 kHz	853.86114 MHz	-45.97 dBm	-32.97 dB

Date: 8.FEB.2016 15:01:46

Lowest Band Edge / Full RB

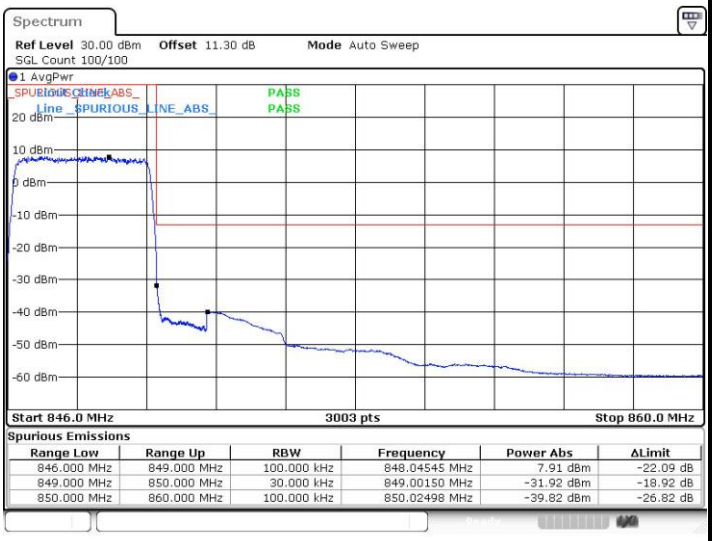


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94805 MHz	-35.83 dBm	-22.83 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-31.32 dBm	-18.32 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.65884 MHz	8.13 dBm	-21.87 dB

Date: 8.FEB.2016 14:52:13

Highest Band Edge / Full RB



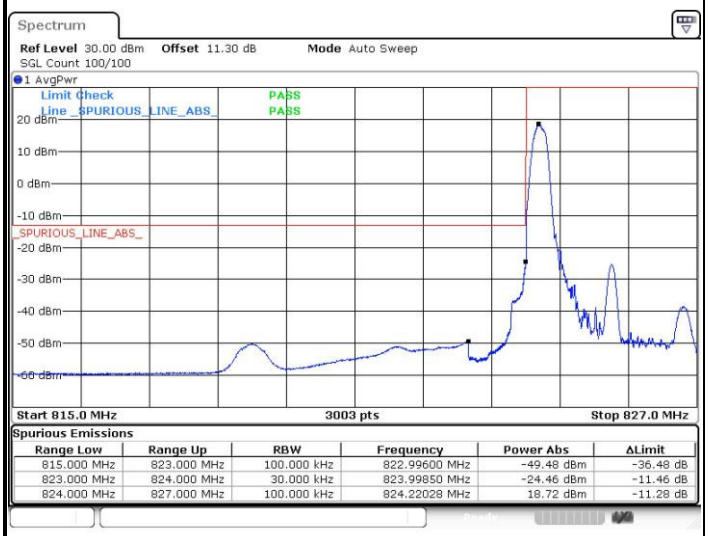
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.04545 MHz	7.91 dBm	-22.09 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-31.92 dBm	-18.92 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-39.82 dBm	-26.82 dB

Date: 8.FEB.2016 15:05:51

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

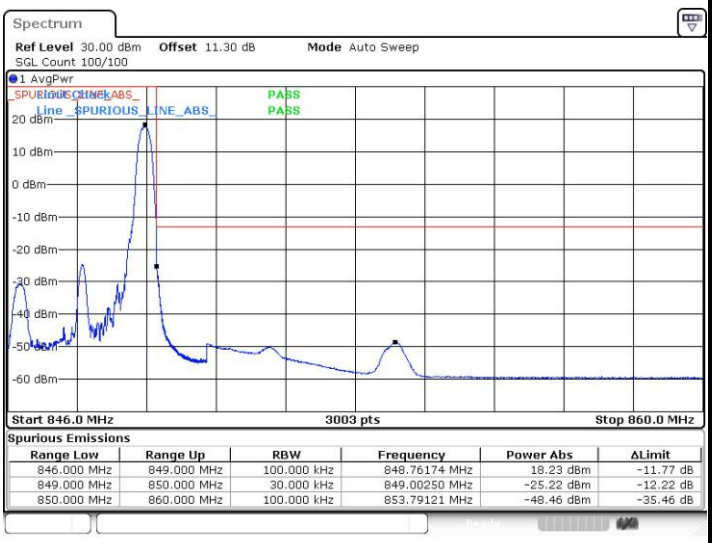


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-49.48 dBm	-36.48 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-24.46 dBm	-11.46 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.22028 MHz	18.72 dBm	-11.28 dB

Date: 8.FEB.2016 14:50:10

Highest Band Edge /1 RB

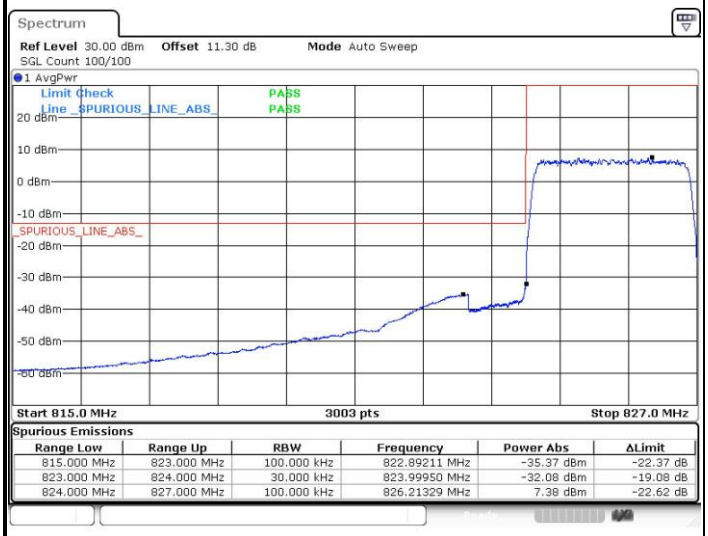


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.76174 MHz	18.23 dBm	-11.77 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00250 MHz	-25.22 dBm	-12.22 dB
850.000 MHz	860.000 MHz	100.000 kHz	853.79121 MHz	-48.46 dBm	-35.46 dB

Date: 8.FEB.2016 15:03:48

Lowest Band Edge / Full RB

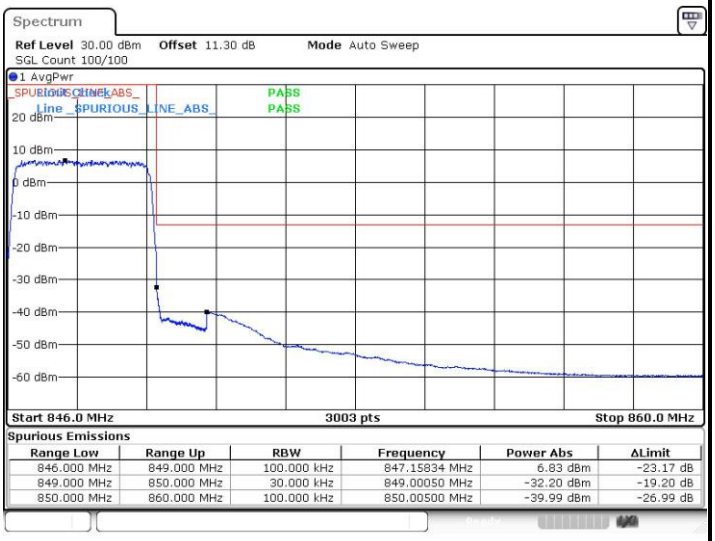


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.89211 MHz	-35.37 dBm	-22.37 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-32.08 dBm	-19.08 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.21329 MHz	7.38 dBm	-22.62 dB

Date: 8.FEB.2016 14:54:16

Highest Band Edge / Full RB



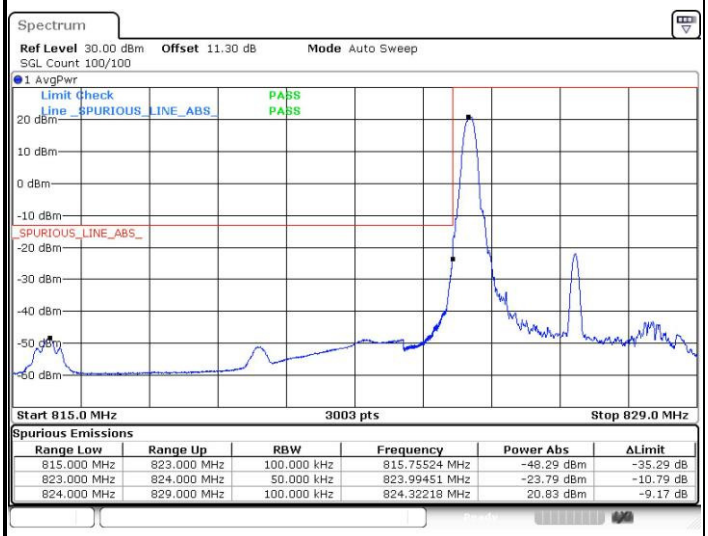
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.15834 MHz	6.83 dBm	-23.17 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-32.20 dBm	-19.20 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.99 dBm	-26.99 dB

Date: 8.FEB.2016 15:07:53

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

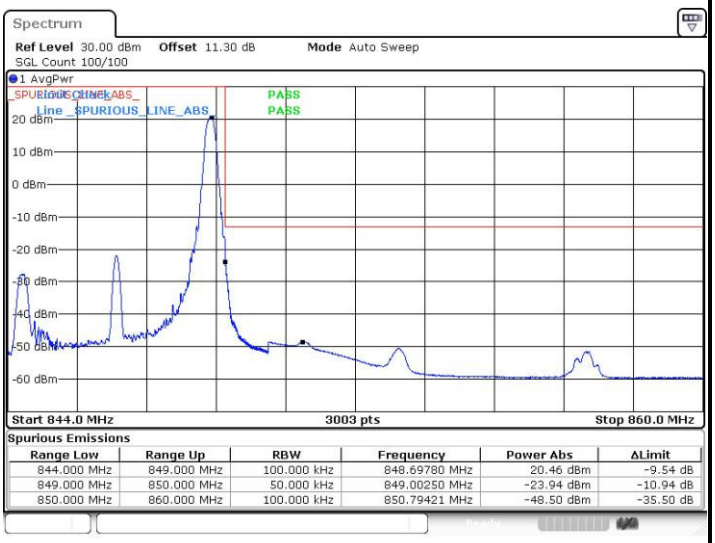


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	815.75524 MHz	-48.29 dBm	-35.29 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99451 MHz	-23.79 dBm	-10.79 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.32218 MHz	20.83 dBm	-9.17 dB

Date: 8.FEB.2016 15:12:40

Highest Band Edge / 1 RB

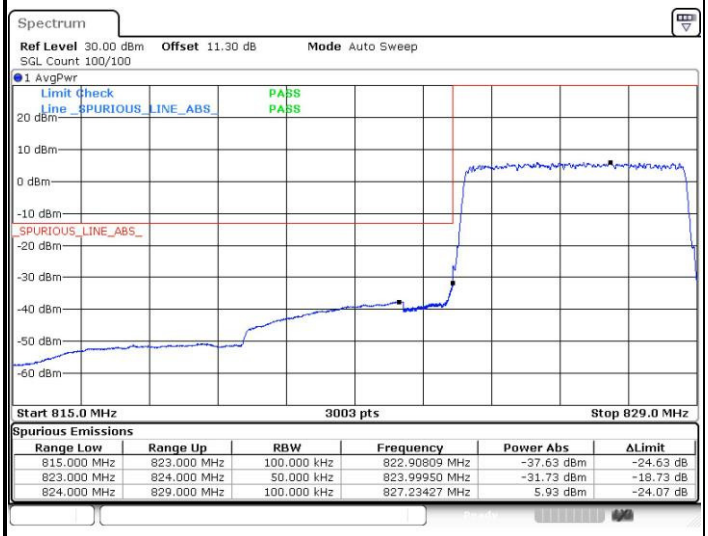


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.69780 MHz	20.46 dBm	-9.54 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00250 MHz	-23.94 dBm	-10.94 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.79421 MHz	-48.50 dBm	-35.50 dB

Date: 8.FEB.2016 15:31:55

Lowest Band Edge / Full RB

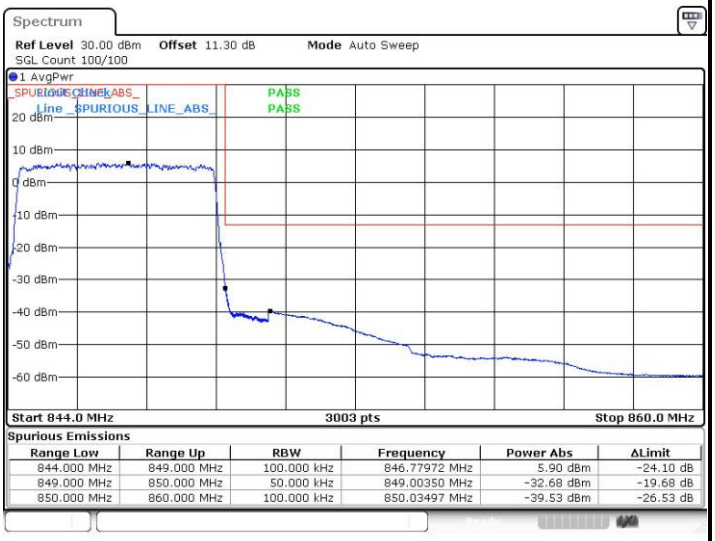


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90809 MHz	-37.63 dBm	-24.63 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-31.73 dBm	-18.73 dB
824.000 MHz	829.000 MHz	100.000 kHz	827.23427 MHz	5.93 dBm	-24.07 dB

Date: 8.FEB.2016 15:16:45

Highest Band Edge / Full RB



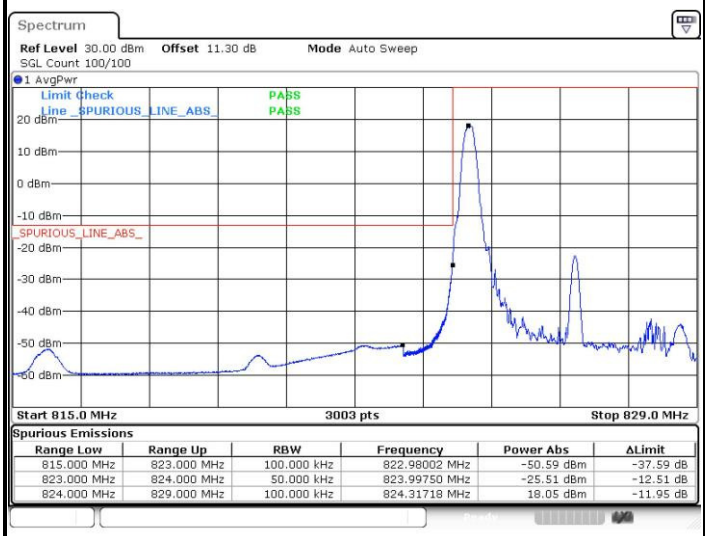
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.77972 MHz	5.90 dBm	-24.10 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00350 MHz	-32.68 dBm	-19.68 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-39.53 dBm	-26.53 dB

Date: 8.FEB.2016 15:36:00

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

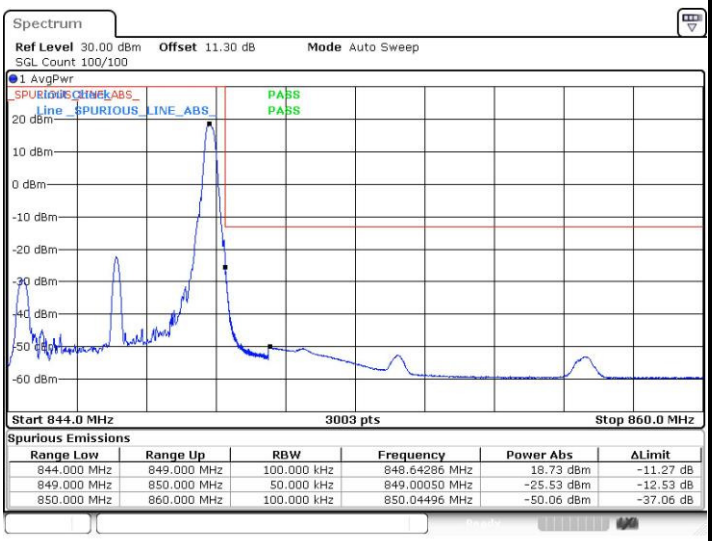


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-50.59 dBm	-37.59 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-25.51 dBm	-12.51 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.31718 MHz	18.05 dBm	-11.95 dB

Date: 8.FEB.2016 15:14:42

Highest Band Edge / 1 RB

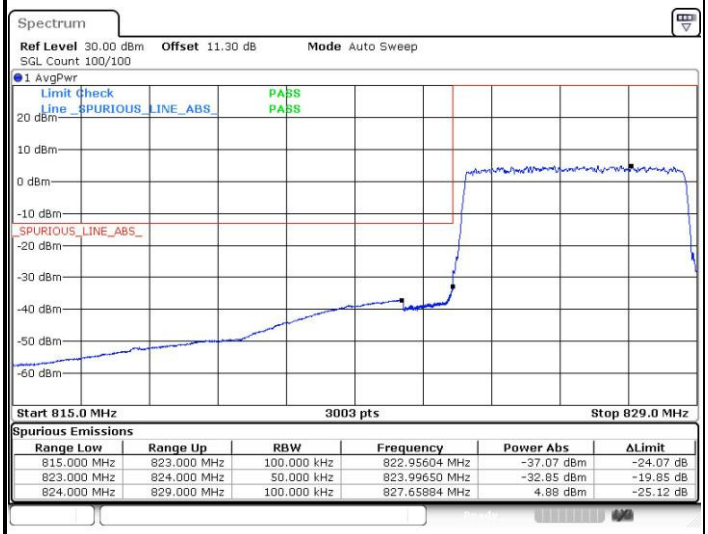


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.64286 MHz	18.73 dBm	-11.27 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-25.53 dBm	-12.53 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-50.06 dBm	-37.06 dB

Date: 8.FEB.2016 15:33:57

Lowest Band Edge / Full RB

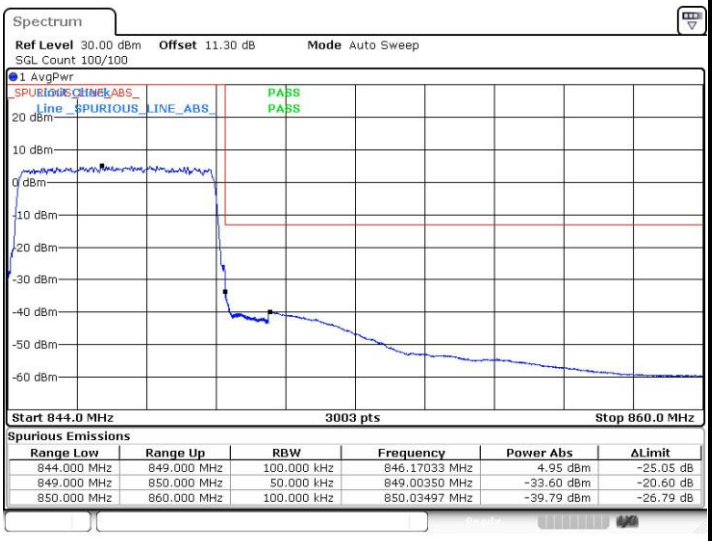


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-37.07 dBm	-24.07 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99650 MHz	-32.85 dBm	-19.85 dB
824.000 MHz	829.000 MHz	100.000 kHz	827.65884 MHz	4.88 dBm	-25.12 dB

Date: 8.FEB.2016 15:18:47

Highest Band Edge / Full RB



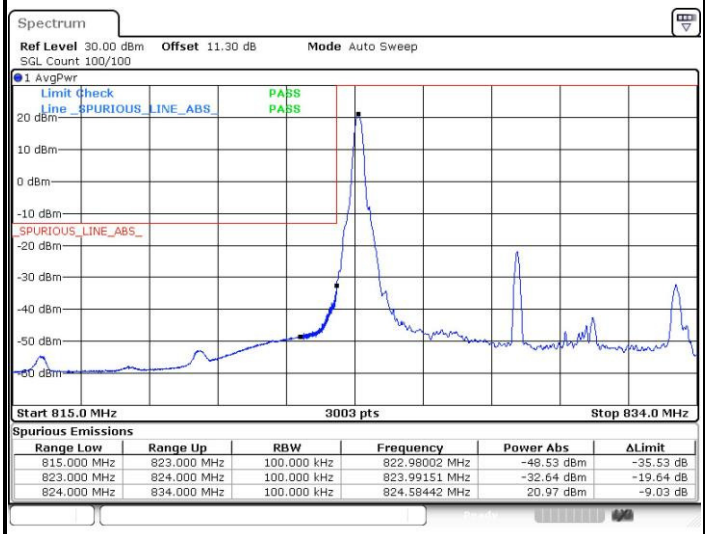
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.17033 MHz	4.95 dBm	-25.05 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00350 MHz	-33.60 dBm	-20.60 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-39.79 dBm	-26.79 dB

Date: 8.FEB.2016 15:38:02

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

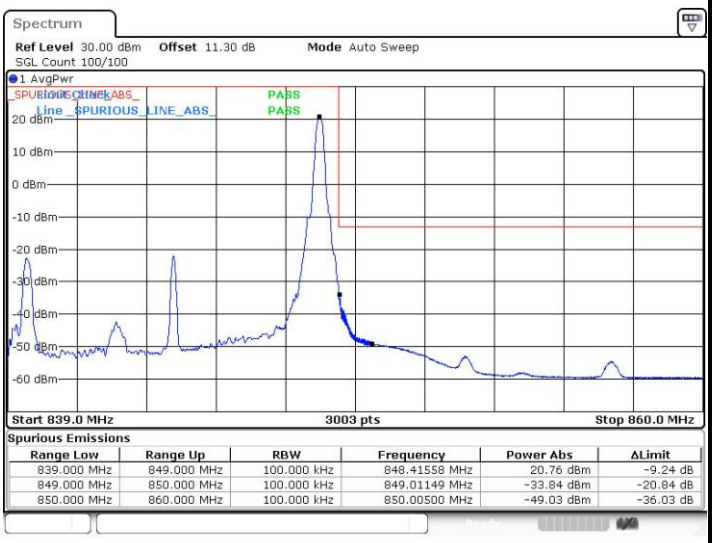


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-48.53 dBm	-35.53 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99151 MHz	-32.64 dBm	-19.64 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.58442 MHz	20.97 dBm	-9.03 dB

Date: 8.FEB.2016 15:42:49

Highest Band Edge / 1 RB

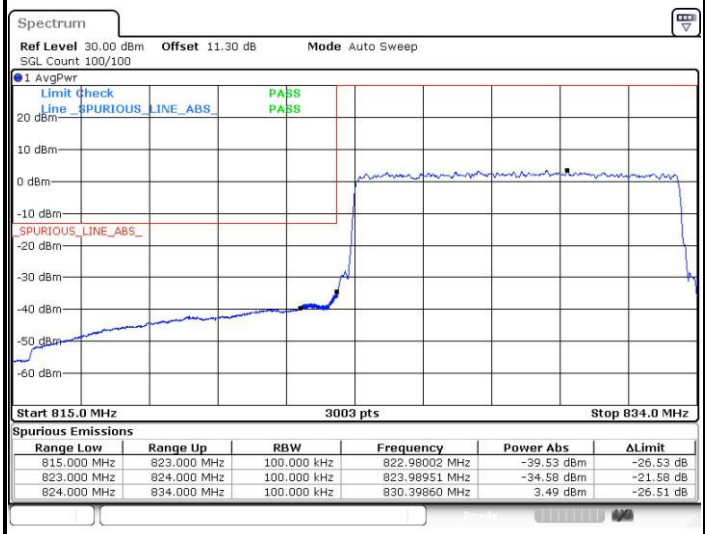


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.41558 MHz	20.76 dBm	-9.24 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01149 MHz	-33.84 dBm	-20.84 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-49.03 dBm	-36.03 dB

Date: 8.FEB.2016 15:56:27

Lowest Band Edge / Full RB

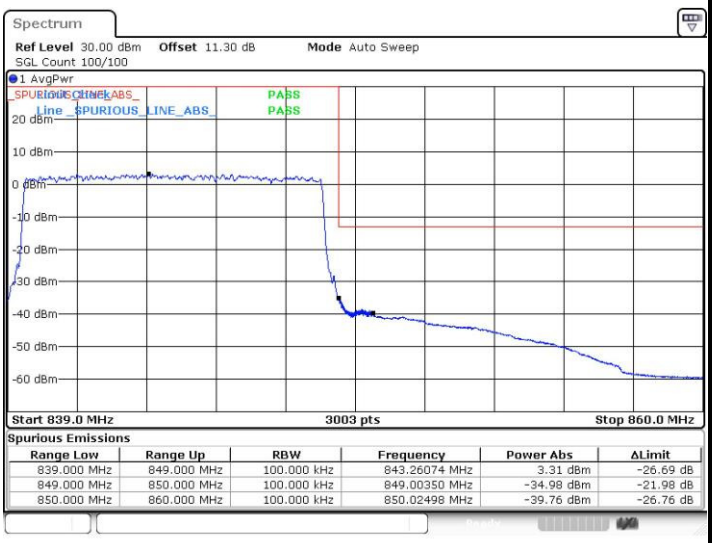


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-39.53 dBm	-26.53 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98951 MHz	-34.58 dBm	-21.58 dB
824.000 MHz	834.000 MHz	100.000 kHz	830.39860 MHz	3.49 dBm	-26.51 dB

Date: 8.FEB.2016 15:46:54

Highest Band Edge / Full RB



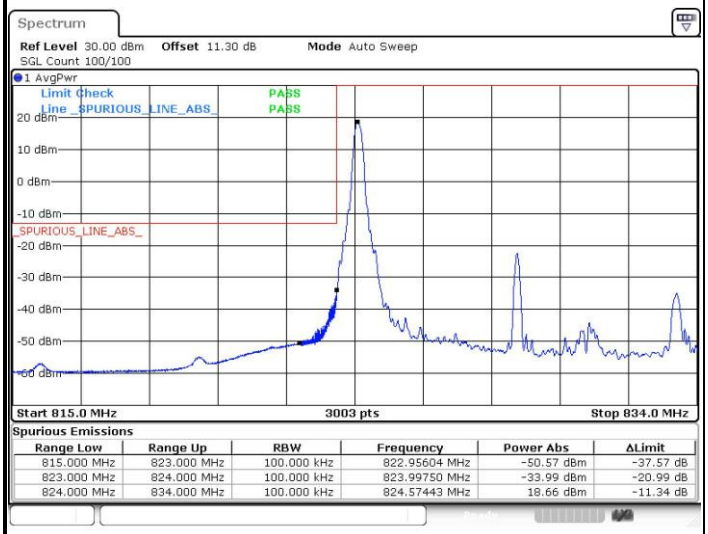
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	843.26074 MHz	3.31 dBm	-26.69 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00350 MHz	-34.98 dBm	-21.98 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-39.76 dBm	-26.76 dB

Date: 8.FEB.2016 16:00:32

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

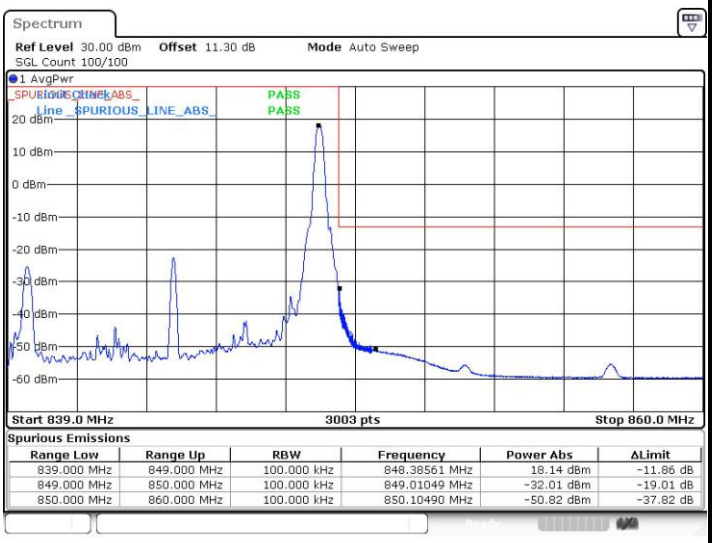


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-50.57 dBm	-37.57 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99750 MHz	-33.99 dBm	-20.99 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.57443 MHz	18.66 dBm	-11.34 dB

Date: 8.FEB.2016 15:44:51

Highest Band Edge / 1 RB

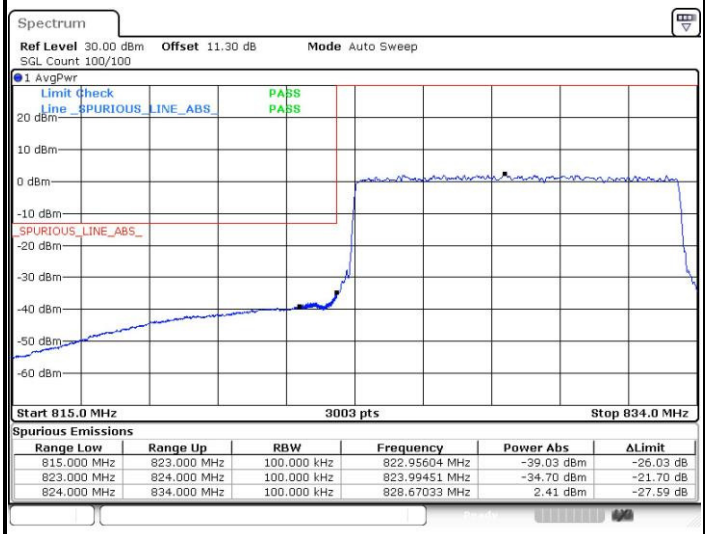


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.38561 MHz	18.14 dBm	-11.86 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01049 MHz	-32.01 dBm	-19.01 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.10490 MHz	-50.82 dBm	-37.82 dB

Date: 8.FEB.2016 15:58:29

Lowest Band Edge / Full RB

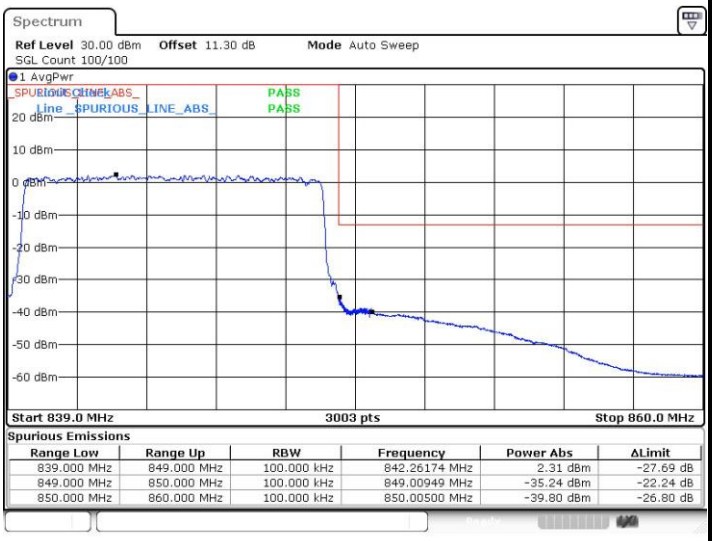


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-39.03 dBm	-26.03 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99451 MHz	-34.70 dBm	-21.70 dB
824.000 MHz	834.000 MHz	100.000 kHz	828.67033 MHz	2.41 dBm	-27.59 dB

Date: 8.FEB.2016 15:48:56

Highest Band Edge / Full RB



Spurious Emissions

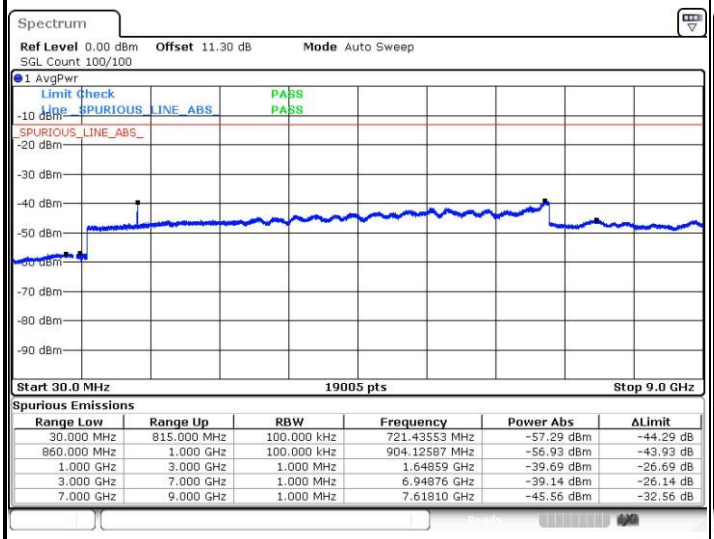
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	842.26174 MHz	2.31 dBm	-27.69 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00949 MHz	-35.24 dBm	-22.24 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.80 dBm	-26.80 dB

Date: 8.FEB.2016 16:02:34

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

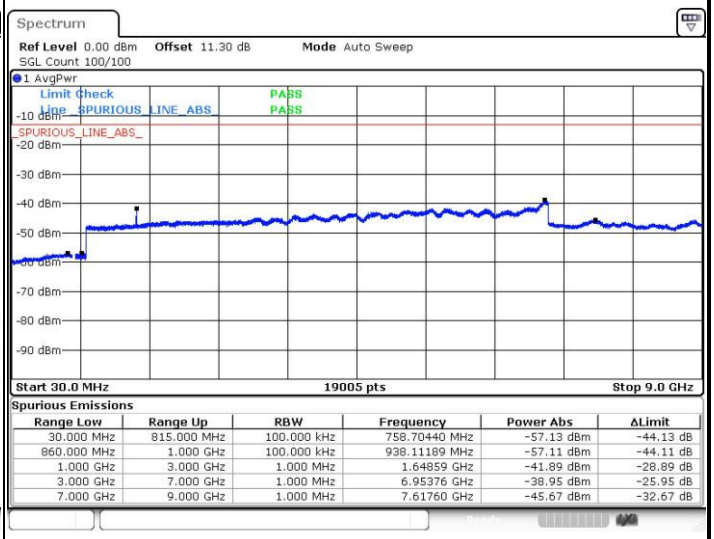


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	721.43553 MHz	-57.29 dBm	-44.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	904.12587 MHz	-56.93 dBm	-43.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-39.69 dBm	-26.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94876 GHz	-39.14 dBm	-26.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.61810 GHz	-45.56 dBm	-32.56 dB

Date: 8.FEB.2016 16:22:36

Lowest Channel / 16QAM

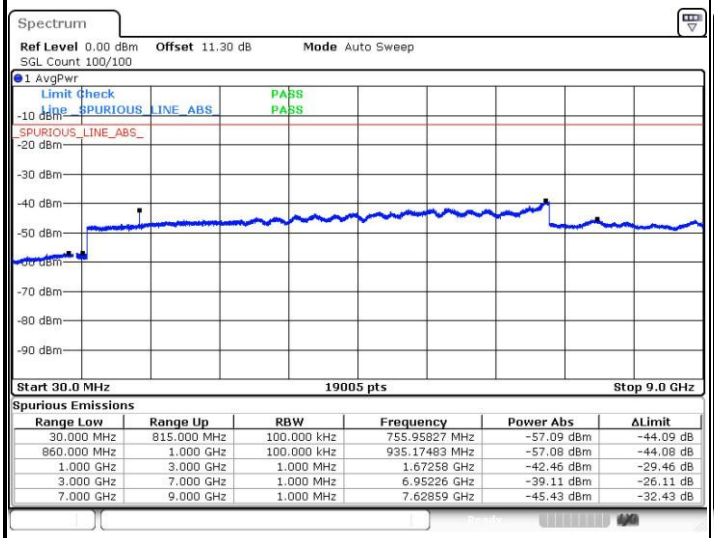


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	758.70440 MHz	-57.13 dBm	-44.13 dB
860.000 MHz	1.000 GHz	100.000 kHz	938.11189 MHz	-57.11 dBm	-44.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-41.89 dBm	-28.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95376 GHz	-38.95 dBm	-25.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.61760 GHz	-45.67 dBm	-32.67 dB

Date: 8.FEB.2016 16:23:34

Middle Channel / QPSK

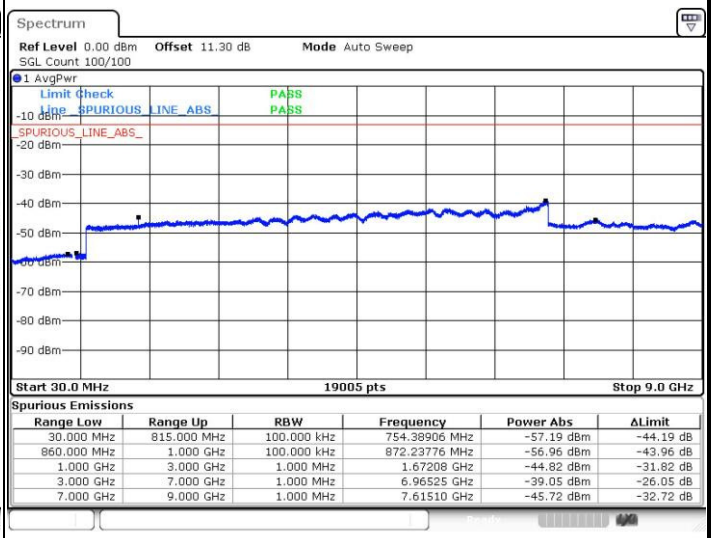


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	755.95827 MHz	-57.09 dBm	-44.09 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.17483 MHz	-57.08 dBm	-44.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-42.46 dBm	-29.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95226 GHz	-39.11 dBm	-26.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62859 GHz	-45.43 dBm	-32.43 dB

Date: 8.FEB.2016 16:25:20

Middle Channel / 16QAM



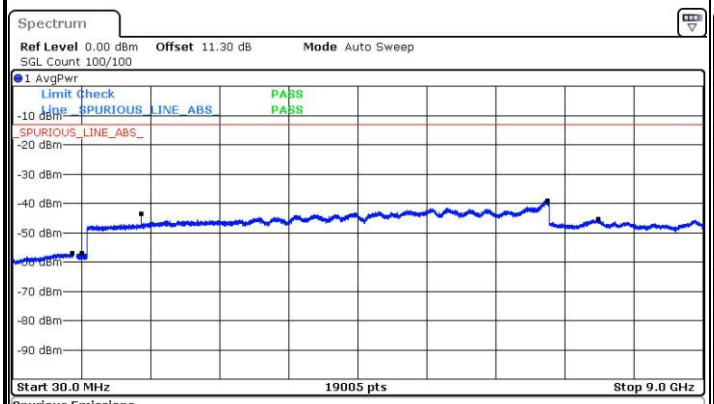
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	754.38906 MHz	-57.19 dBm	-44.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	872.23776 MHz	-56.96 dBm	-43.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67208 GHz	-44.82 dBm	-31.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96525 GHz	-39.05 dBm	-26.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.61510 GHz	-45.72 dBm	-32.72 dB

Date: 8.FEB.2016 16:26:18

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

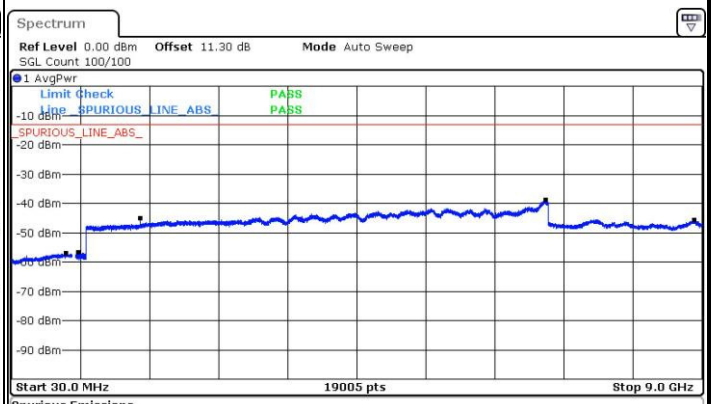


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	800.28861 MHz	-56.99 dBm	-43.99 dB
860.000 MHz	1.000 GHz	100.000 kHz	923.98601 MHz	-57.10 dBm	-44.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-43.61 dBm	-30.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-38.98 dBm	-25.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63859 GHz	-45.51 dBm	-32.51 dB

Date: 8.FEB.2016 16:36:13

Highest Channel / 16QAM



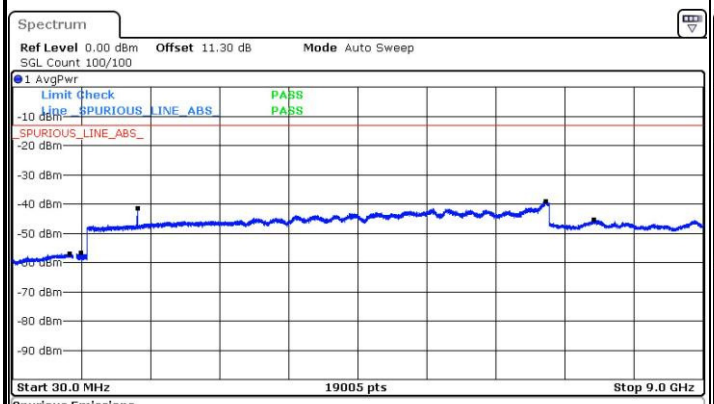
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.55847 MHz	-57.07 dBm	-44.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.29371 MHz	-56.63 dBm	-43.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-44.96 dBm	-31.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-38.90 dBm	-25.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89628 GHz	-45.68 dBm	-32.68 dB

Date: 8.FEB.2016 16:37:11

LTE Band 5 / 3MHz

Lowest Channel / QPSK

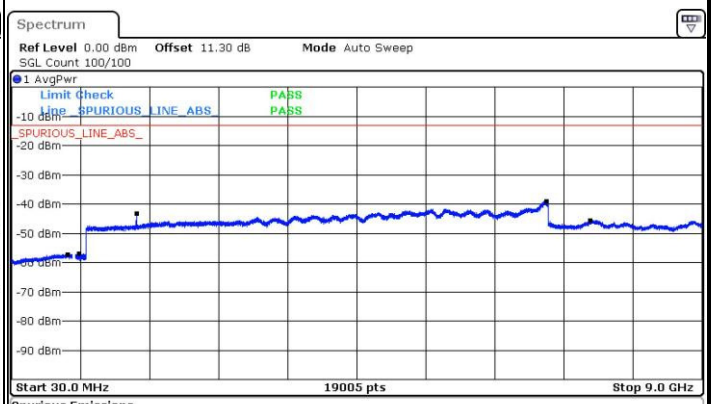


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	765.76587 MHz	-57.10 dBm	-44.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	918.11189 MHz	-56.83 dBm	-43.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-41.60 dBm	-28.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95176 GHz	-39.14 dBm	-26.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57811 GHz	-45.49 dBm	-32.49 dB

Date: 8.FEB.2016 14:55:13

Lowest Channel / 16QAM



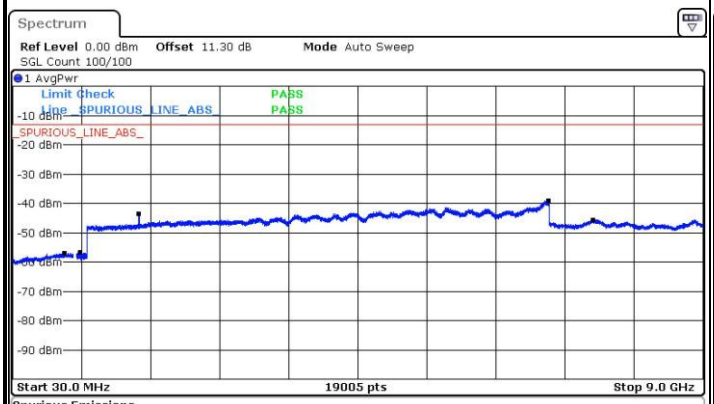
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	759.88131 MHz	-57.18 dBm	-44.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	904.12587 MHz	-56.99 dBm	-43.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-43.33 dBm	-30.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-39.18 dBm	-26.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54561 GHz	-45.57 dBm	-32.57 dB

Date: 8.FEB.2016 14:56:12

LTE Band 5 / 3MHz

Middle Channel / QPSK

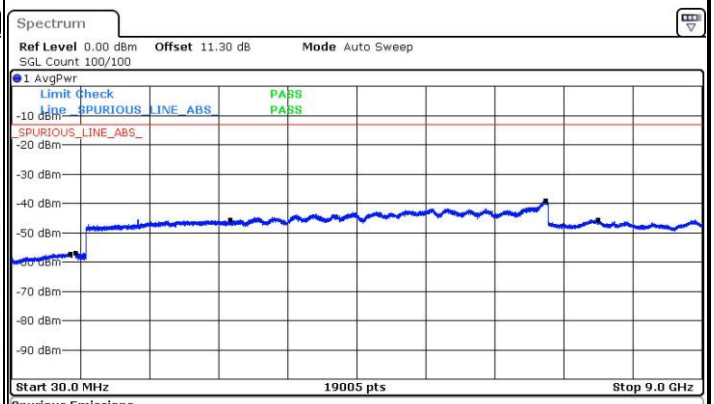


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	695.93578 MHz	-57.02 dBm	-44.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	899.65035 MHz	-56.75 dBm	-43.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-43.59 dBm	-30.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-39.16 dBm	-26.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56861 GHz	-45.71 dBm	-32.71 dB

Date: 8.FEB.2016 14:57:57

Middle Channel / 16QAM

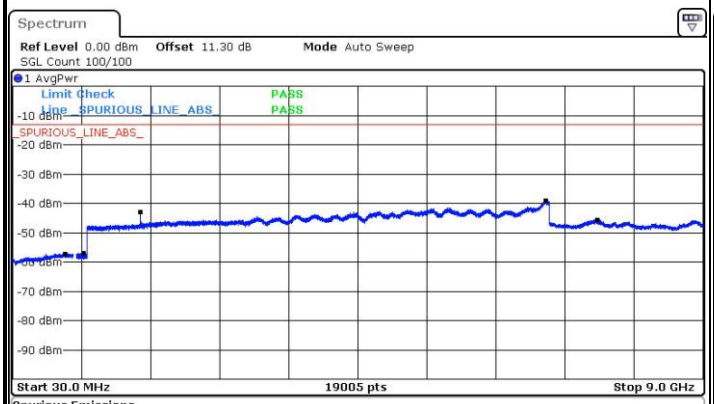


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.40405 MHz	-57.18 dBm	-44.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	862.02797 MHz	-56.90 dBm	-43.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87228 GHz	-45.63 dBm	-32.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96375 GHz	-39.11 dBm	-26.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.64959 GHz	-45.63 dBm	-32.63 dB

Date: 8.FEB.2016 14:58:56

Highest Channel / QPSK

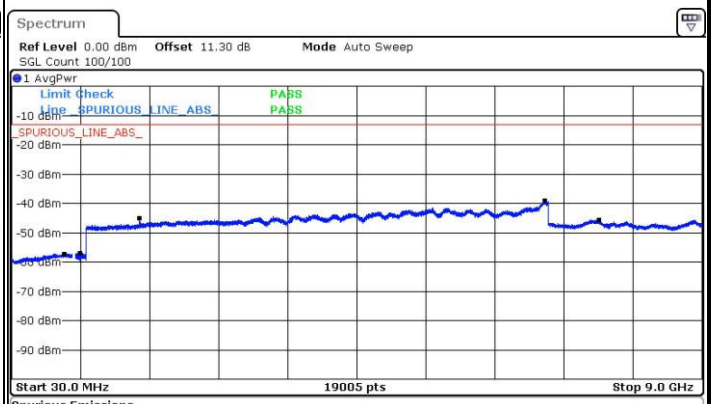


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	713.58946 MHz	-57.17 dBm	-44.17 dB
860.000 MHz	1.000 GHz	100.000 kHz	949.58042 MHz	-57.09 dBm	-44.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-43.10 dBm	-30.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96125 GHz	-39.22 dBm	-26.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62209 GHz	-45.63 dBm	-32.63 dB

Date: 8.FEB.2016 15:08:51

Highest Channel / 16QAM



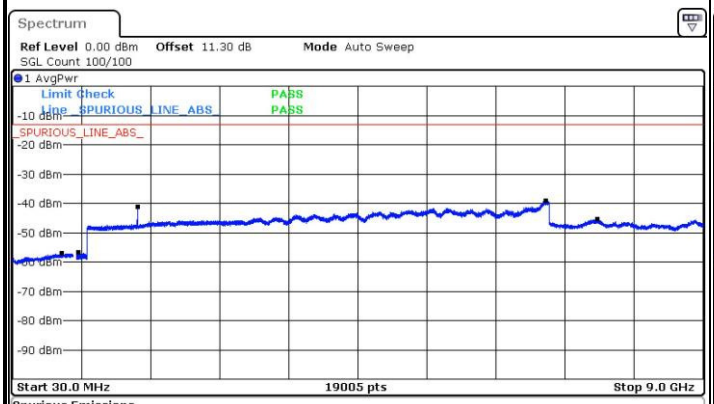
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	706.13568 MHz	-57.22 dBm	-44.22 dB
860.000 MHz	1.000 GHz	100.000 kHz	920.90909 MHz	-57.01 dBm	-44.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-45.15 dBm	-32.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95626 GHz	-39.04 dBm	-26.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.65859 GHz	-45.58 dBm	-32.58 dB

Date: 8.FEB.2016 15:09:50

LTE Band 5 / 5MHz

Lowest Channel / QPSK

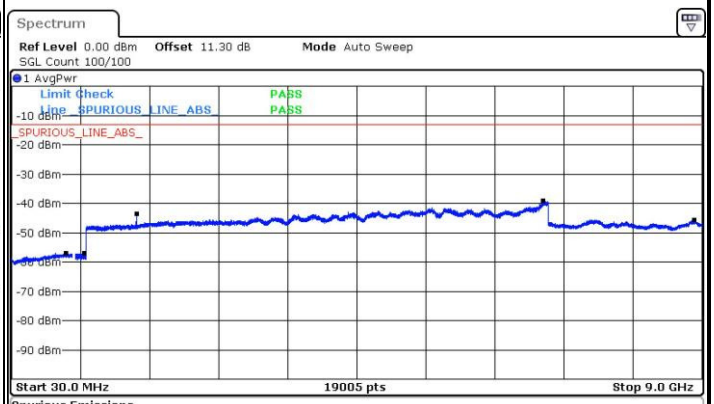


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	671.22064 MHz	-57.16 dBm	-44.16 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.90909 MHz	-56.79 dBm	-43.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-41.22 dBm	-28.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95926 GHz	-39.19 dBm	-26.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62459 GHz	-45.47 dBm	-32.47 dB

Date: 8.FEB.2016 15:19:45

Lowest Channel / 16QAM

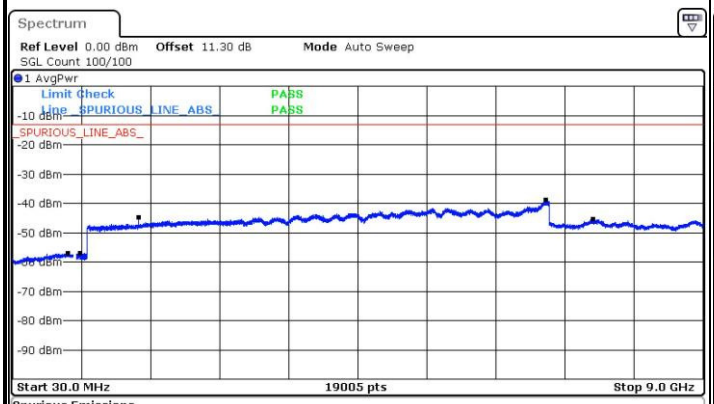


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	734.38156 MHz	-57.10 dBm	-44.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	977.13287 MHz	-57.07 dBm	-44.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-43.44 dBm	-30.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93476 GHz	-38.97 dBm	-25.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89778 GHz	-45.55 dBm	-32.55 dB

Date: 8.FEB.2016 15:20:44

Middle Channel / QPSK

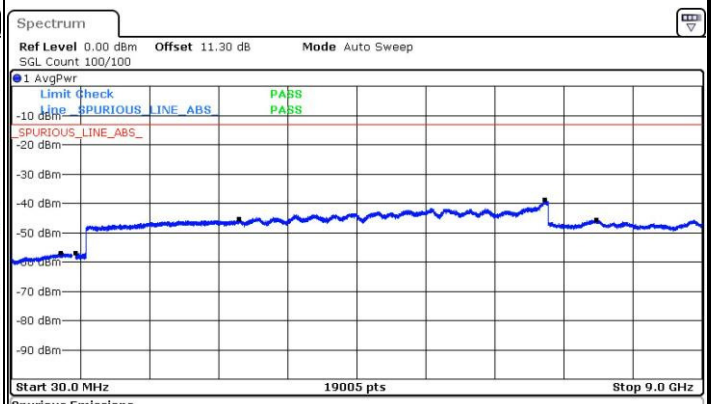


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	743.01224 MHz	-57.09 dBm	-44.09 dB
860.000 MHz	1.000 GHz	100.000 kHz	907.76224 MHz	-56.91 dBm	-43.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-44.85 dBm	-31.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-38.94 dBm	-25.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56811 GHz	-45.40 dBm	-32.40 dB

Date: 8.FEB.2016 15:22:29

Middle Channel / 16QAM



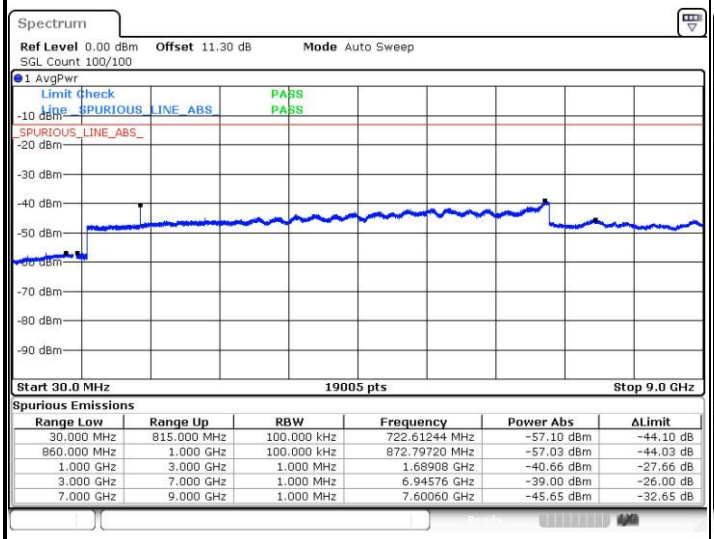
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	662.19765 MHz	-57.06 dBm	-44.06 dB
860.000 MHz	1.000 GHz	100.000 kHz	861.18881 MHz	-57.13 dBm	-44.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98625 GHz	-45.40 dBm	-32.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95926 GHz	-38.93 dBm	-25.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62159 GHz	-45.72 dBm	-32.72 dB

Date: 8.FEB.2016 15:28:18

LTE Band 5 / 5MHz

Highest Channel / QPSK

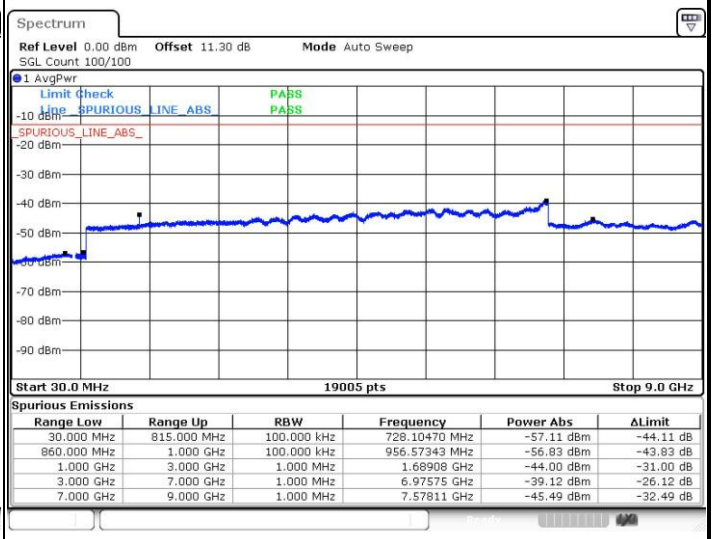


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	722.61244 MHz	-57.10 dBm	-44.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	872.79720 MHz	-57.03 dBm	-44.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-40.66 dBm	-27.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-39.00 dBm	-26.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.60060 GHz	-45.65 dBm	-32.65 dB

Date: 8.FEB.2016 15:39:00

Highest Channel / 16QAM



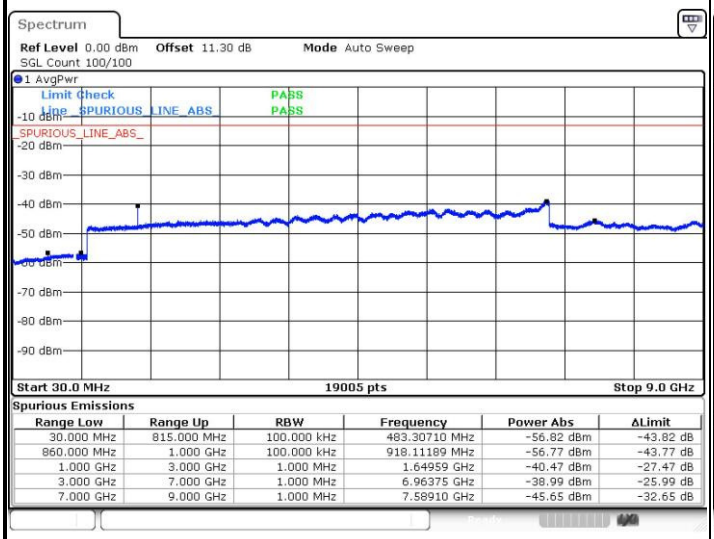
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	728.10470 MHz	-57.11 dBm	-44.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	956.57343 MHz	-56.83 dBm	-43.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.00 dBm	-31.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97575 GHz	-39.12 dBm	-26.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57811 GHz	-45.49 dBm	-32.49 dB

Date: 8.FEB.2016 15:39:59

LTE Band 5 / 10MHz

Lowest Channel / QPSK

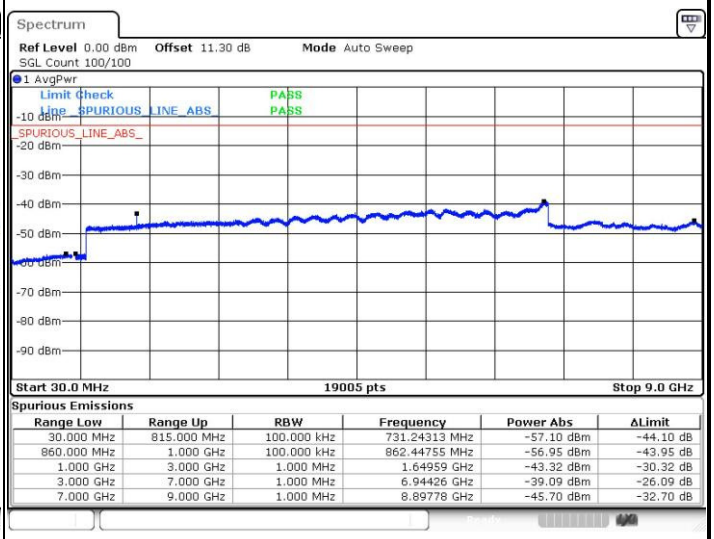


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.30710 MHz	-56.82 dBm	-43.82 dB
860.000 MHz	1.000 GHz	100.000 kHz	918.11189 MHz	-56.77 dBm	-43.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-40.47 dBm	-27.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96375 GHz	-38.99 dBm	-25.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58910 GHz	-45.65 dBm	-32.65 dB

Date: 8.FEB.2016 15:49:54

Lowest Channel / 16QAM



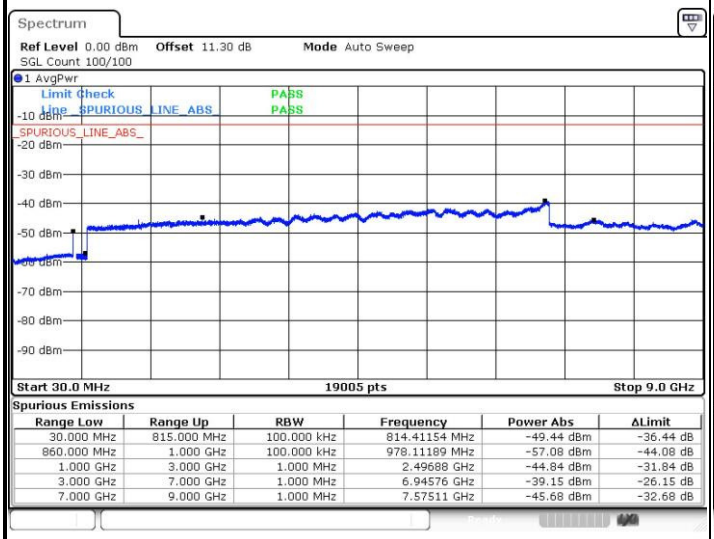
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	731.24313 MHz	-57.10 dBm	-44.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	862.44755 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94426 GHz	-39.09 dBm	-26.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89778 GHz	-45.70 dBm	-32.70 dB

Date: 8.FEB.2016 15:50:53

LTE Band 5 / 10MHz

Middle Channel / QPSK

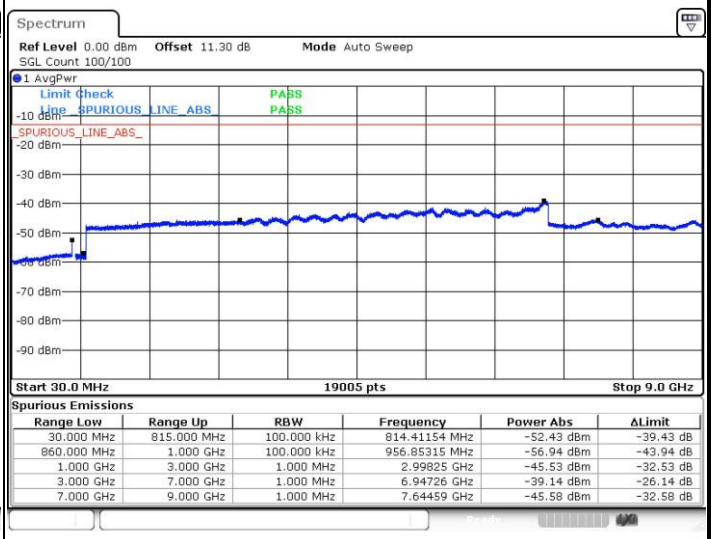


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-49.44 dBm	-36.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	978.11189 MHz	-57.08 dBm	-44.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49688 GHz	-44.84 dBm	-31.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-39.15 dBm	-26.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57511 GHz	-45.68 dBm	-32.68 dB

Date: 8.FEB.2016 15:52:38

Middle Channel / 16QAM

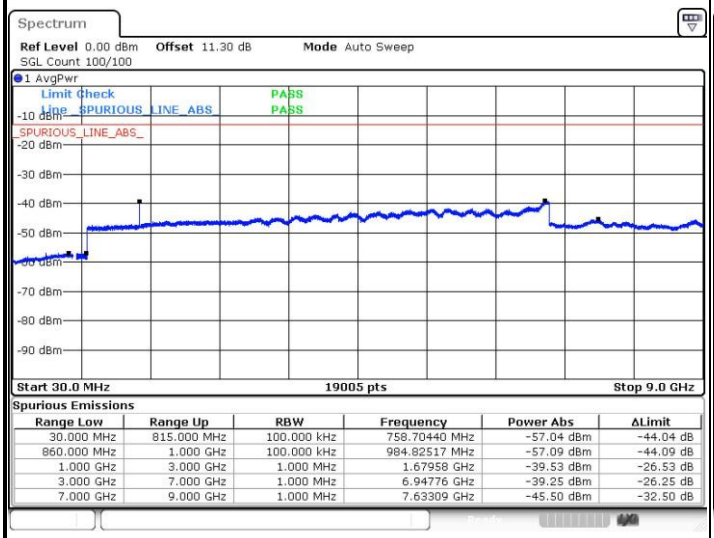


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-52.43 dBm	-39.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	956.85315 MHz	-56.94 dBm	-43.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99825 GHz	-45.53 dBm	-32.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94726 GHz	-39.14 dBm	-26.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.64459 GHz	-45.58 dBm	-32.58 dB

Date: 8.FEB.2016 15:53:37

Highest Channel / QPSK

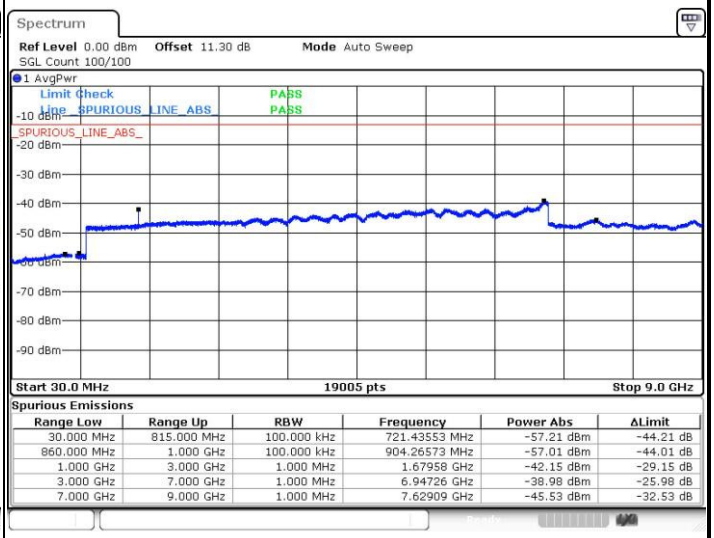


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	758.70440 MHz	-57.04 dBm	-44.04 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.82517 MHz	-57.09 dBm	-44.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-39.53 dBm	-26.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94776 GHz	-39.25 dBm	-26.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63309 GHz	-45.50 dBm	-32.50 dB

Date: 8.FEB.2016 16:03:32

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	721.43553 MHz	-57.21 dBm	-44.21 dB
860.000 MHz	1.000 GHz	100.000 kHz	904.26573 MHz	-57.01 dBm	-44.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-42.15 dBm	-29.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94726 GHz	-38.98 dBm	-25.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62909 GHz	-45.53 dBm	-32.53 dB

Date: 8.FEB.2016 16:04:30

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	0.0082	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0081	
-30	Normal Voltage	0.0074	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.8 V. ；Battery End Point (BEP) = 3.2 V.；Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

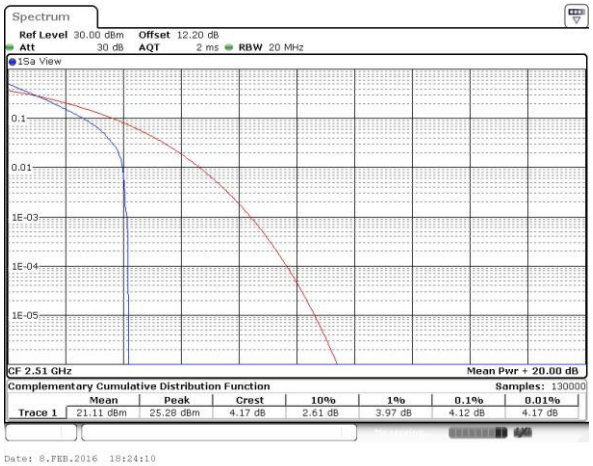
LTE Band 7

Peak-to-Average Ratio

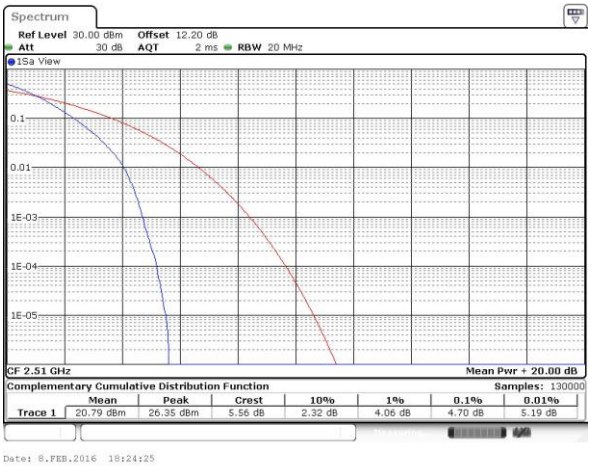
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.12	4.7	5.36	5.74	PASS
Middle CH	4.38	4.96	5.48	6	
Highest CH	4.17	5.04	5.62	6.06	

LTE Band 7 / 20MHz / QPSK

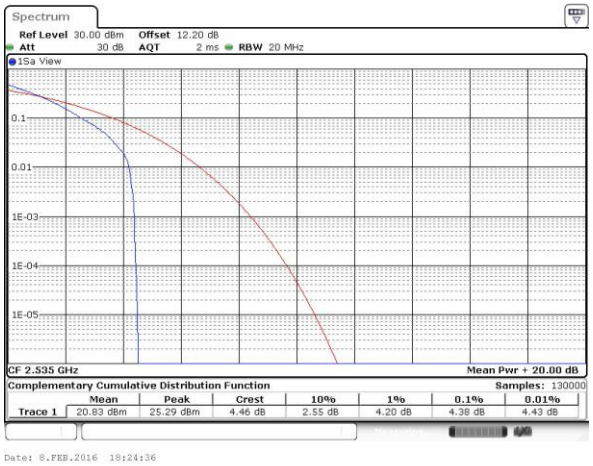
Lowest Channel / 1RB



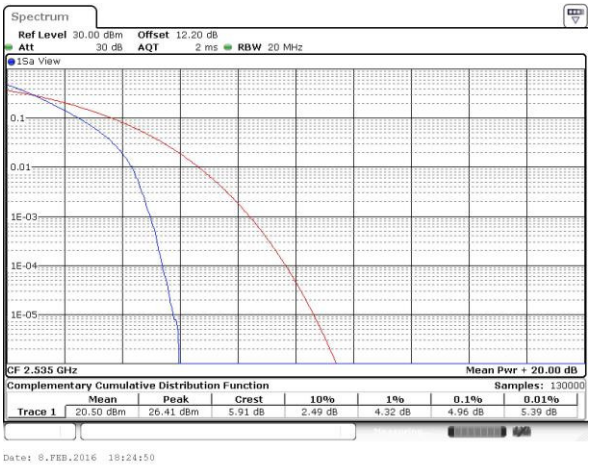
Lowest Channel / Full RB



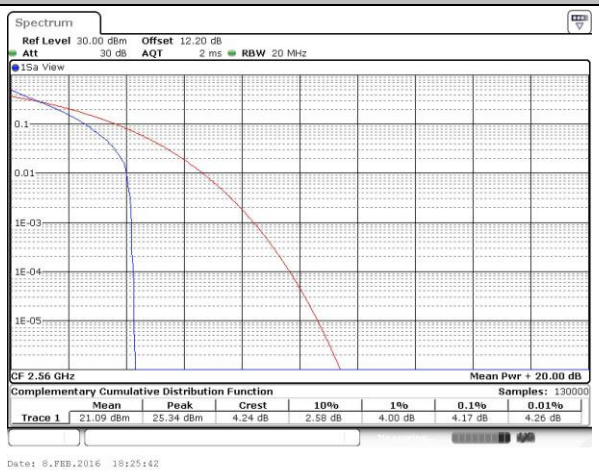
Middle Channel / 1RB



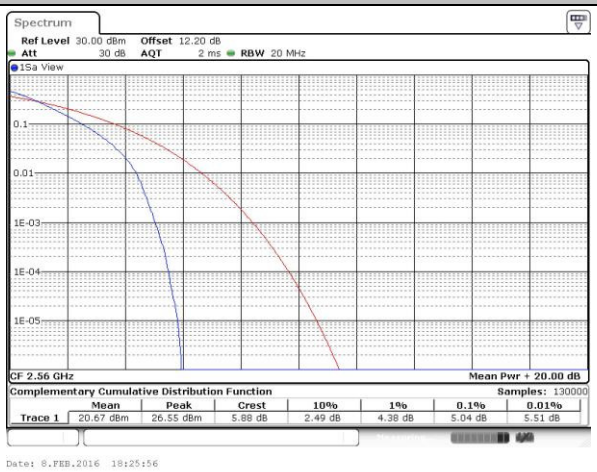
Middle Channel / Full RB



Highest Channel / 1RB

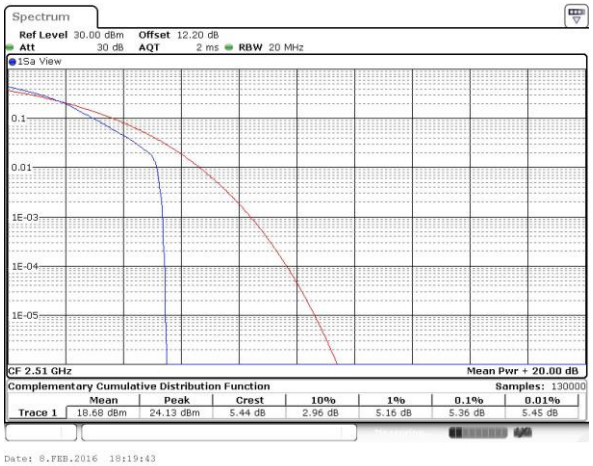


Highest Channel / Full RB

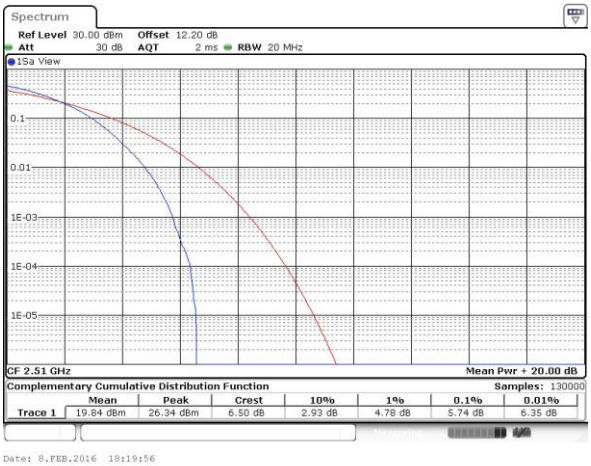


LTE Band 7 / 20MHz / 16QAM

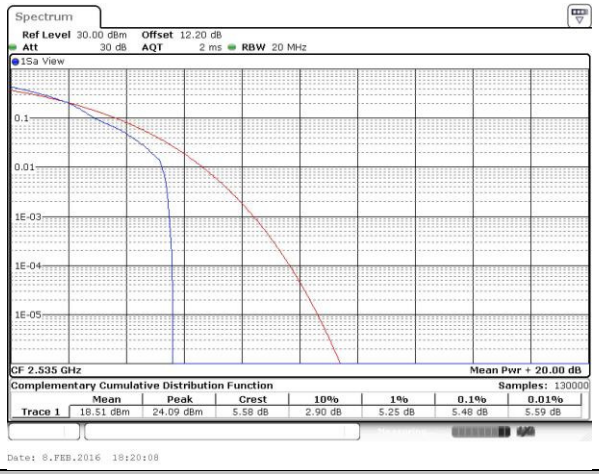
Lowest Channel / 1RB



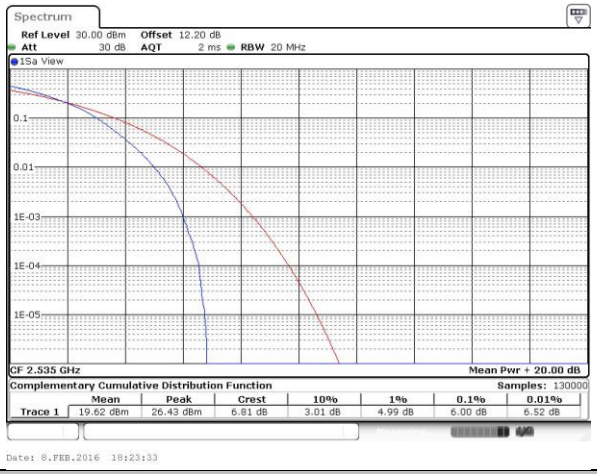
Lowest Channel / Full RB



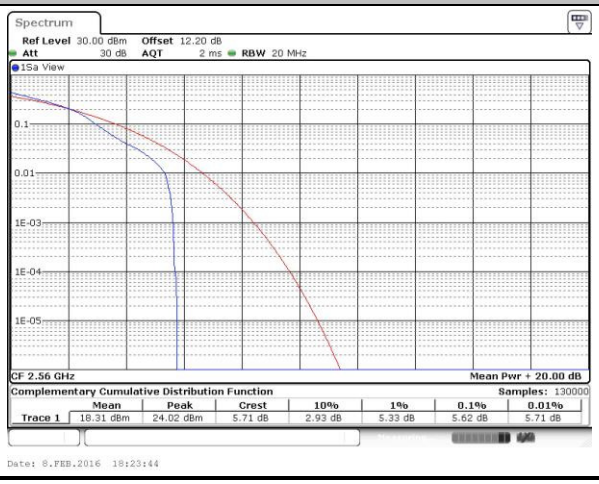
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.88	4.83	9.89	9.81	14.39	14.24	20.14	20.42
Middle CH	-	-	-	-	4.86	4.91	9.93	9.89	14.24	14.36	20.06	20.3
Highest CH	-	-	-	-	4.93	4.85	9.71	9.83	14.36	14.57	20.22	20.14