LTE Band 5 / 3MHz / 16QAM

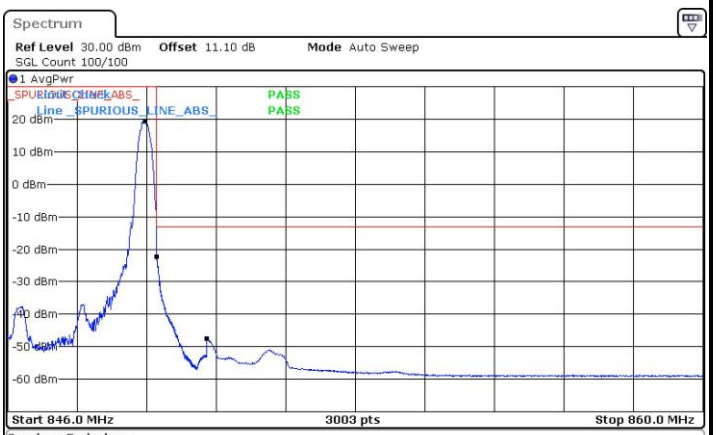
Lowest Band Edge / 1 RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-41.77 dBm	-28.77 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-21.18 dBm	-8.18 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.22328 MHz	20.25 dBm	-9.75 dB

Date: 21.SEP.2018 00:20:51

Highest Band Edge /1 RB

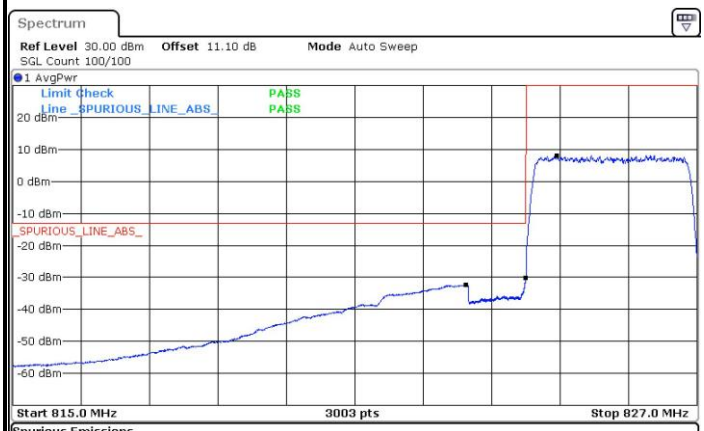


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.77373 MHz	19.42 dBm	-10.58 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-22.35 dBm	-9.35 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-47.52 dBm	-34.52 dB

Date: 21.SEP.2018 00:35:06

Lowest Band Edge / Full RB

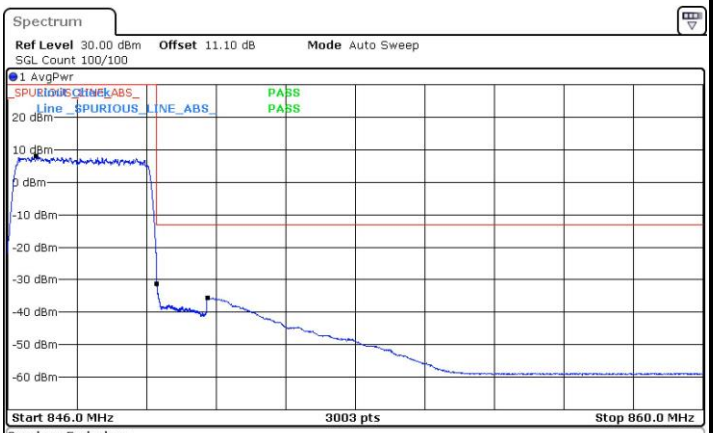


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-32.44 dBm	-19.44 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-30.22 dBm	-17.22 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.54096 MHz	8.13 dBm	-21.87 dB

Date: 21.SEP.2018 00:24:12

Highest Band Edge / Full RB



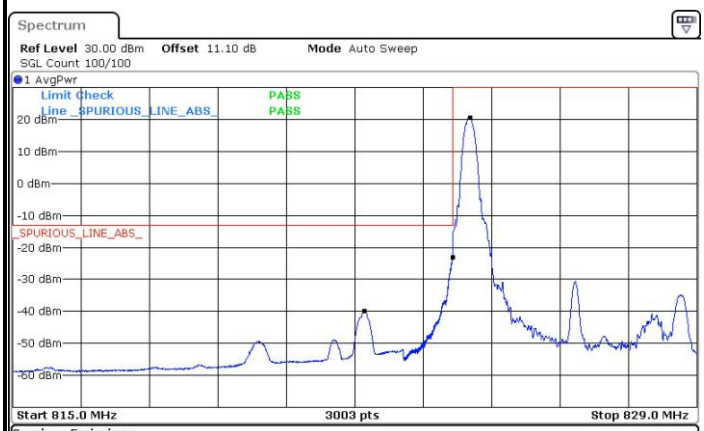
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.57393 MHz	7.98 dBm	-22.02 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-31.36 dBm	-18.36 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-35.46 dBm	-22.46 dB

Date: 21.SEP.2018 00:38:27

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

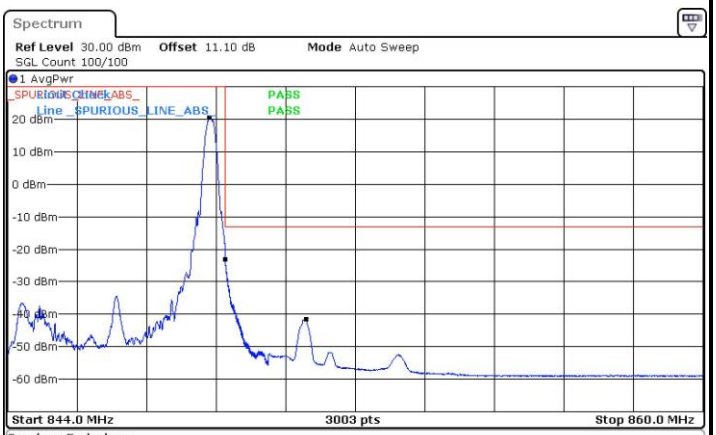


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.19680 MHz	-39.98 dBm	-26.98 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-23.00 dBm	-10.00 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.35215 MHz	20.47 dBm	-9.53 dB

Date: 21.SEP.2018 00:42:55

Highest Band Edge / 1 RB

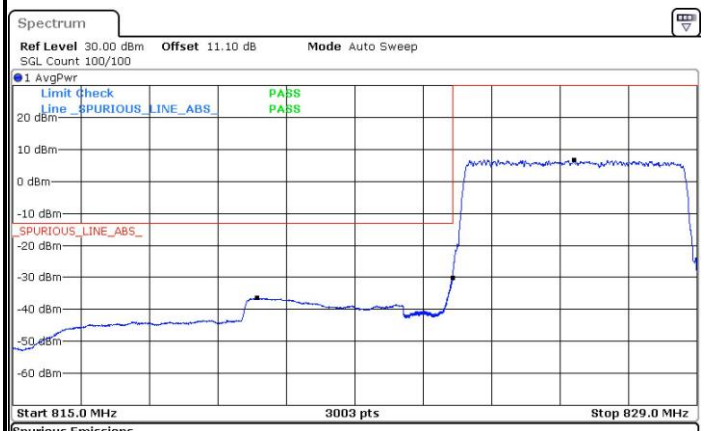


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.64286 MHz	20.38 dBm	-9.62 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-23.08 dBm	-10.08 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.86414 MHz	-41.65 dBm	-28.65 dB

Date: 21.SEP.2018 01:09:58

Lowest Band Edge / Full RB

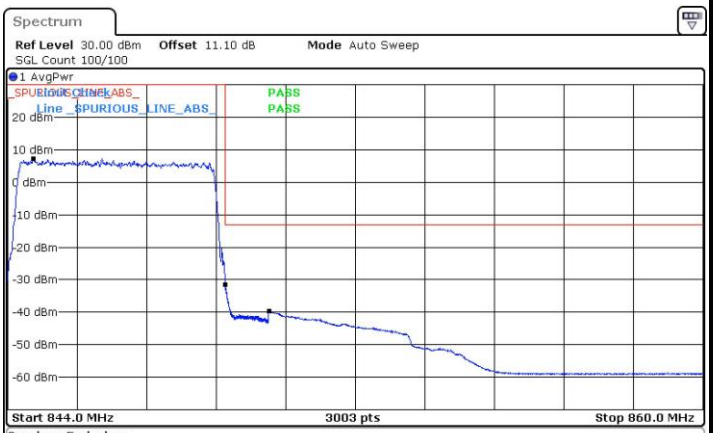


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.99900 MHz	-36.53 dBm	-23.53 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-30.27 dBm	-17.27 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.48002 MHz	6.82 dBm	-23.18 dB

Date: 21.SEP.2018 00:46:18

Highest Band Edge / Full RB



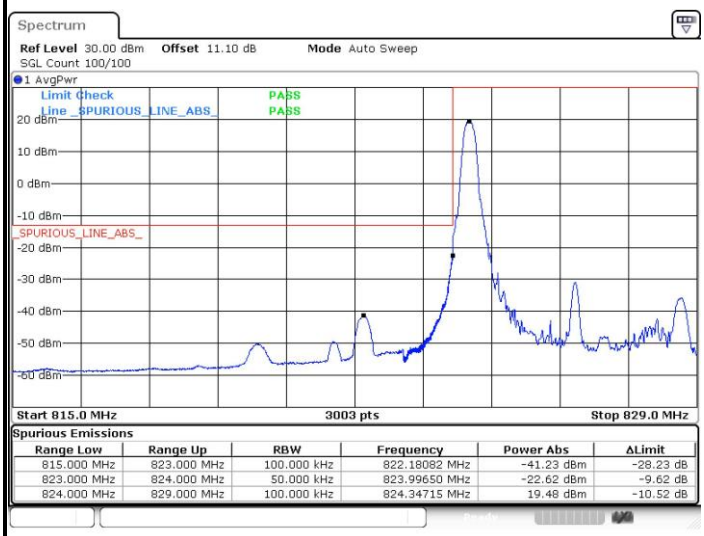
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.59690 MHz	7.22 dBm	-22.78 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00450 MHz	-31.52 dBm	-18.52 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-39.74 dBm	-26.74 dB

Date: 21.SEP.2018 01:13:18

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

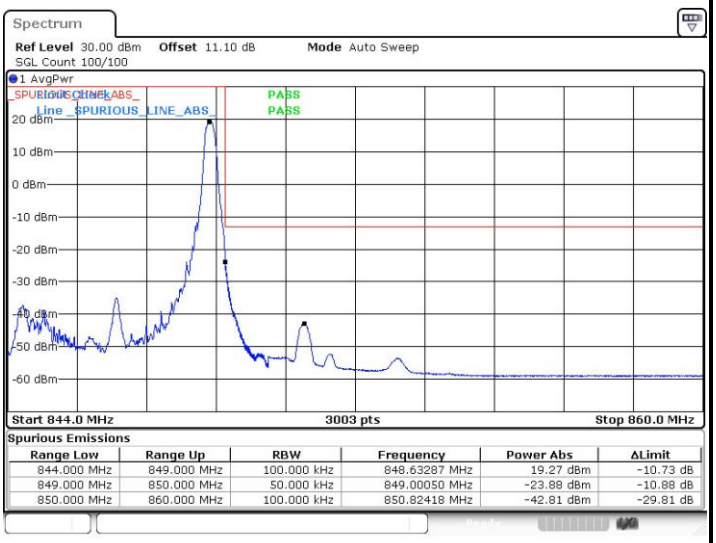


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.18082 MHz	-41.23 dBm	-28.23 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99650 MHz	-22.62 dBm	-9.62 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34715 MHz	19.48 dBm	-10.52 dB

Date: 21.SEP.2018 00:44:37

Highest Band Edge / 1 RB

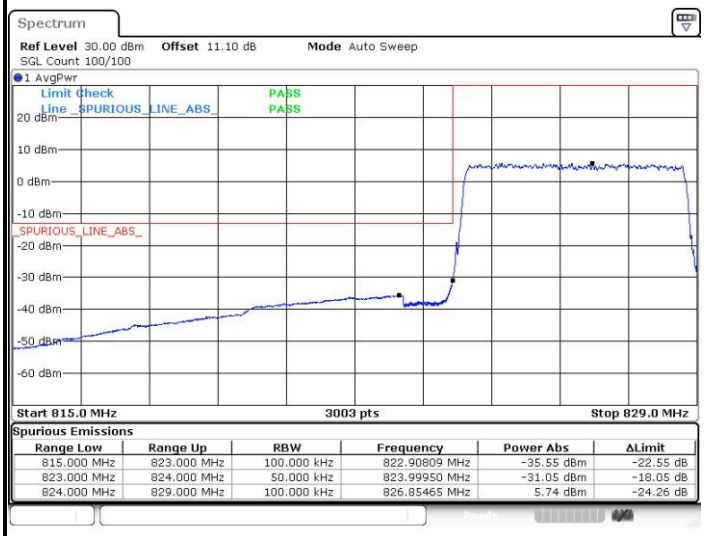


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.63287 MHz	19.27 dBm	-10.73 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-23.88 dBm	-10.88 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.82418 MHz	-42.81 dBm	-29.81 dB

Date: 21.SEP.2018 01:11:38

Lowest Band Edge / Full RB

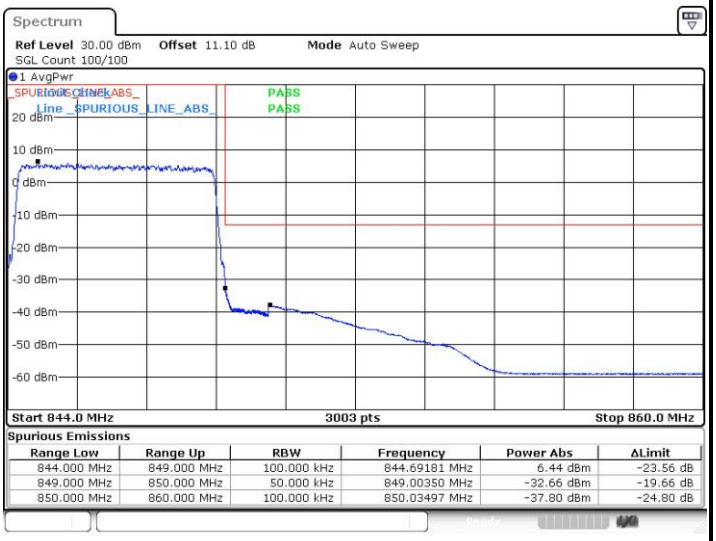


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90809 MHz	-35.55 dBm	-22.55 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-31.05 dBm	-18.05 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.85465 MHz	5.74 dBm	-24.26 dB

Date: 21.SEP.2018 00:48:00

Highest Band Edge / Full RB



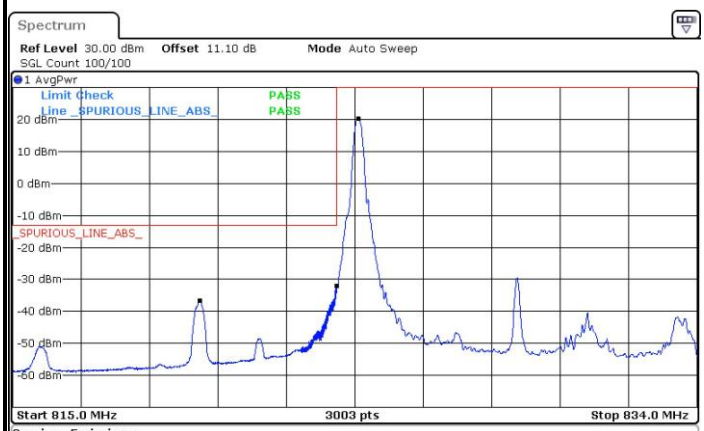
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.69181 MHz	6.44 dBm	-23.56 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00350 MHz	-32.66 dBm	-19.66 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-37.80 dBm	-24.80 dB

Date: 21.SEP.2018 01:14:59

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

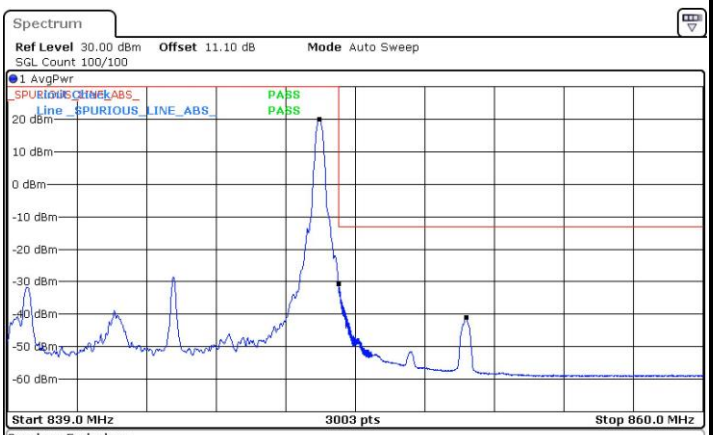


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.19081 MHz	-36.65 dBm	-23.65 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-31.97 dBm	-18.97 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.58442 MHz	20.15 dBm	-9.85 dB

Date: 21.SEP.2018 01:19:20

Highest Band Edge / 1 RB

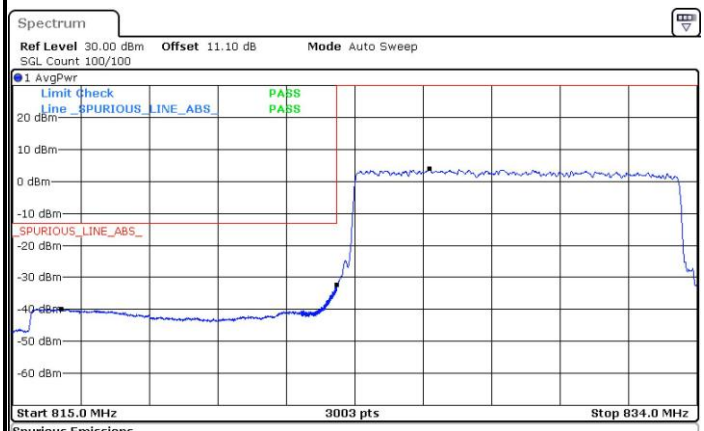


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.40559 MHz	19.98 dBm	-10.02 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00050 MHz	-30.76 dBm	-17.76 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.84216 MHz	-41.13 dBm	-28.13 dB

Date: 21.SEP.2018 01:31:22

Lowest Band Edge / Full RB

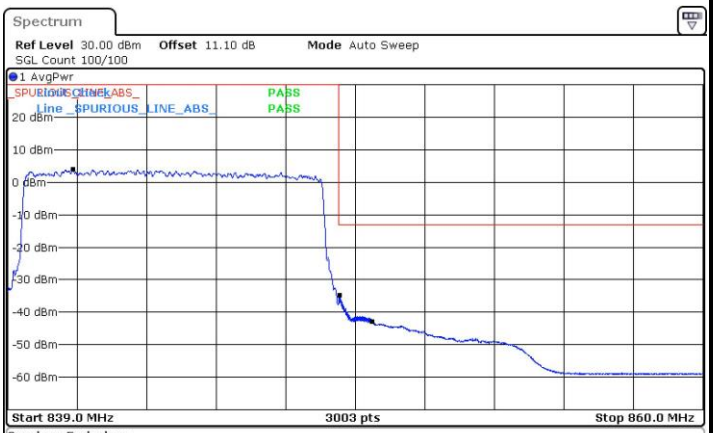


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	816.33866 MHz	-39.92 dBm	-26.92 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99750 MHz	-32.34 dBm	-19.34 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.57243 MHz	4.04 dBm	-25.96 dB

Date: 21.SEP.2018 01:22:40

Highest Band Edge / Full RB



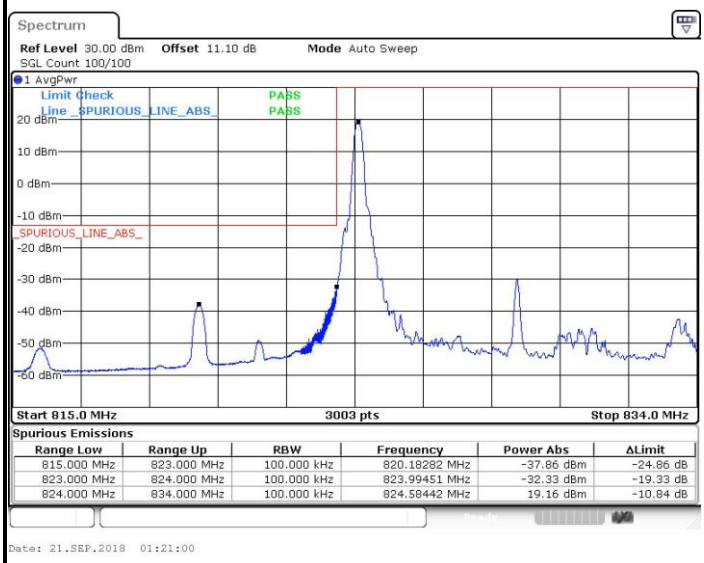
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.96304 MHz	3.95 dBm	-26.05 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00849 MHz	-34.82 dBm	-21.82 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-42.82 dBm	-29.82 dB

Date: 21.SEP.2018 01:34:43

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

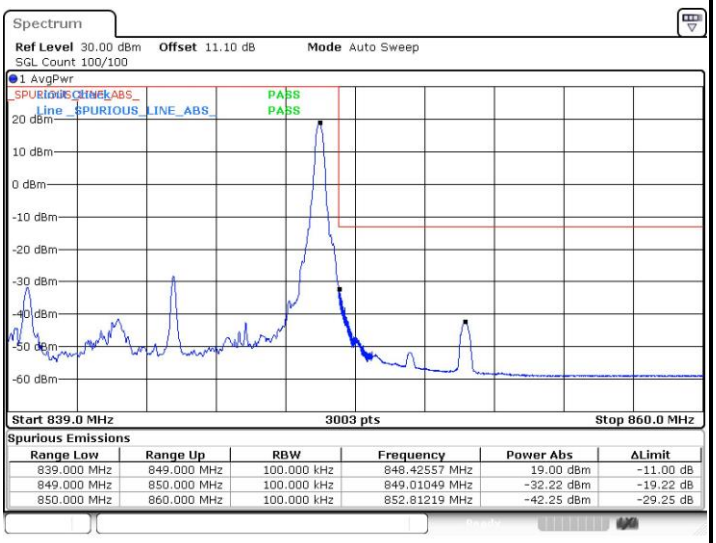


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.18282 MHz	-37.86 dBm	-24.86 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99451 MHz	-32.33 dBm	-19.33 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.58442 MHz	19.16 dBm	-10.84 dB

Date: 21.SEP.2018 01:21:00

Highest Band Edge / 1 RB

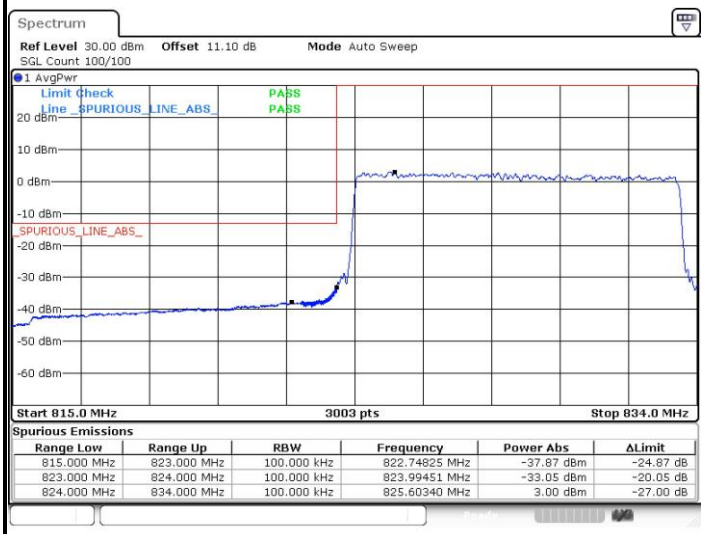


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.42557 MHz	19.00 dBm	-11.00 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01049 MHz	-32.22 dBm	-19.22 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.81219 MHz	-42.25 dBm	-29.25 dB

Date: 21.SEP.2018 01:33:02

Lowest Band Edge / Full RB

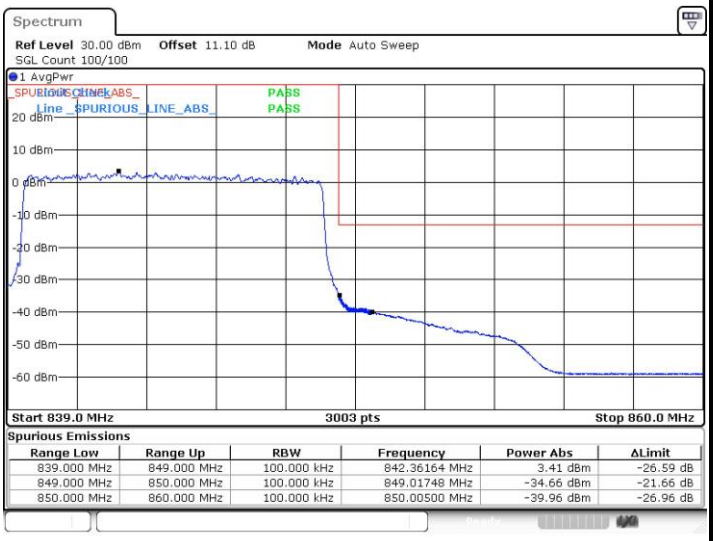


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.74825 MHz	-37.87 dBm	-24.87 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99451 MHz	-33.05 dBm	-20.05 dB
824.000 MHz	834.000 MHz	100.000 kHz	825.60340 MHz	3.00 dBm	-27.00 dB

Date: 21.SEP.2018 01:24:20

Highest Band Edge / Full RB



Spurious Emissions

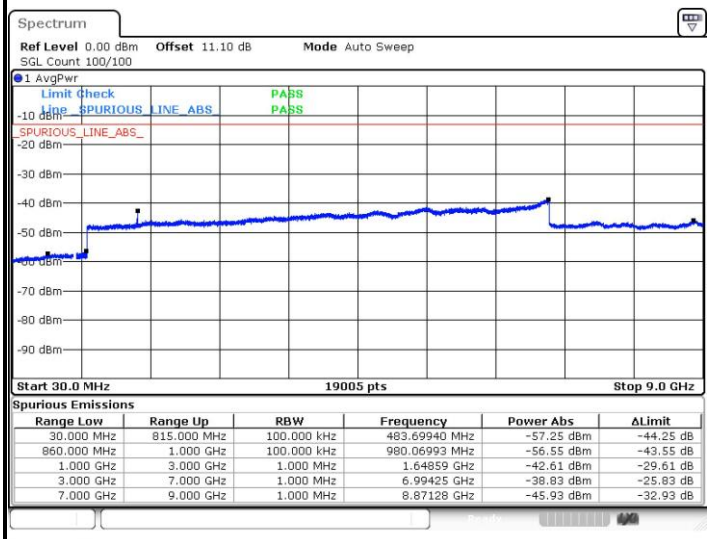
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	842.36164 MHz	3.41 dBm	-26.59 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01748 MHz	-34.66 dBm	-21.66 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.96 dBm	-26.96 dB

Date: 21.SEP.2018 01:36:23

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

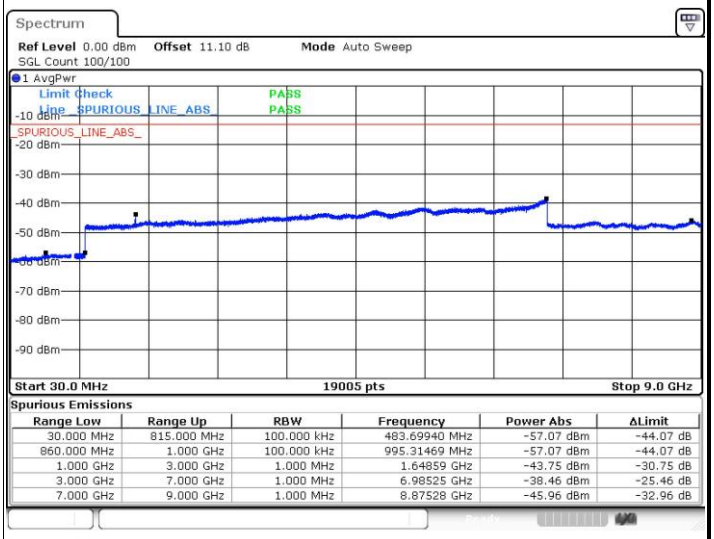


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-57.25 dBm	-44.25 dB
860.000 MHz	1.000 GHz	100.000 kHz	980.06993 MHz	-56.55 dBm	-43.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-42.61 dBm	-29.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-38.83 dBm	-25.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87128 GHz	-45.93 dBm	-32.93 dB

Date: 21.SEP.2018 01:47:48

Lowest Channel / 16QAM

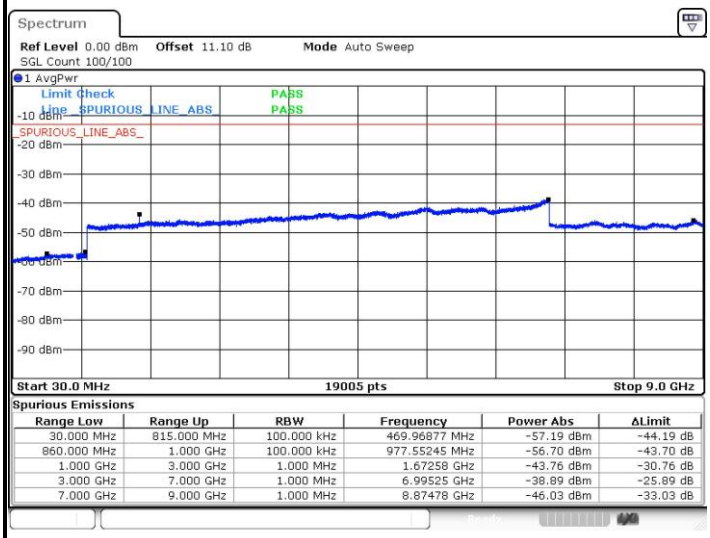


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-57.07 dBm	-44.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.31469 MHz	-57.07 dBm	-44.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-43.75 dBm	-30.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-38.46 dBm	-25.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87528 GHz	-45.96 dBm	-32.96 dB

Date: 21.SEP.2018 01:48:43

Middle Channel / QPSK

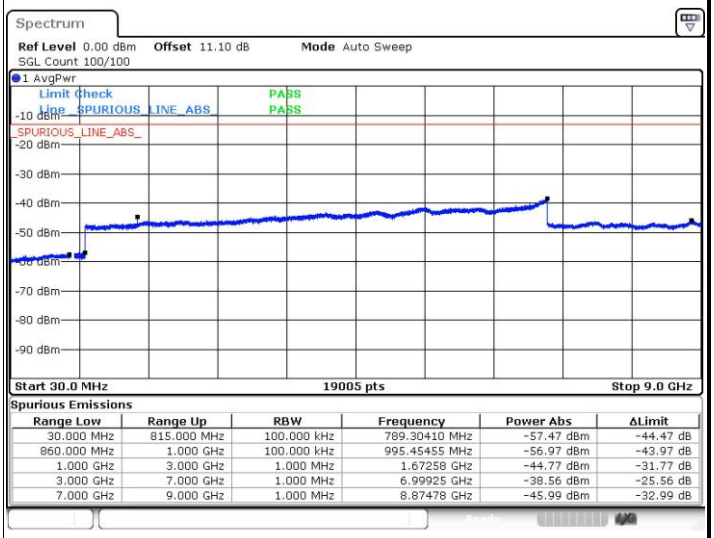


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	469.96877 MHz	-57.19 dBm	-44.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	977.55245 MHz	-56.70 dBm	-43.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-43.76 dBm	-30.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-38.89 dBm	-25.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87478 GHz	-46.03 dBm	-33.03 dB

Date: 21.SEP.2018 01:50:29

Middle Channel / 16QAM



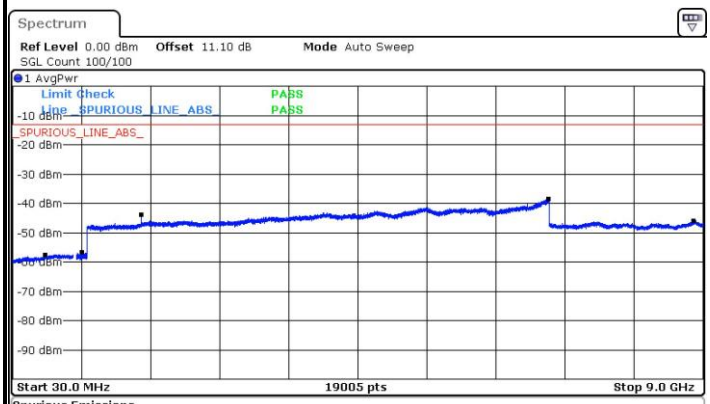
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	789.30410 MHz	-57.47 dBm	-44.47 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.45455 MHz	-56.97 dBm	-43.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-44.77 dBm	-31.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-38.56 dBm	-25.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87478 GHz	-45.99 dBm	-32.99 dB

Date: 21.SEP.2018 01:51:23

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

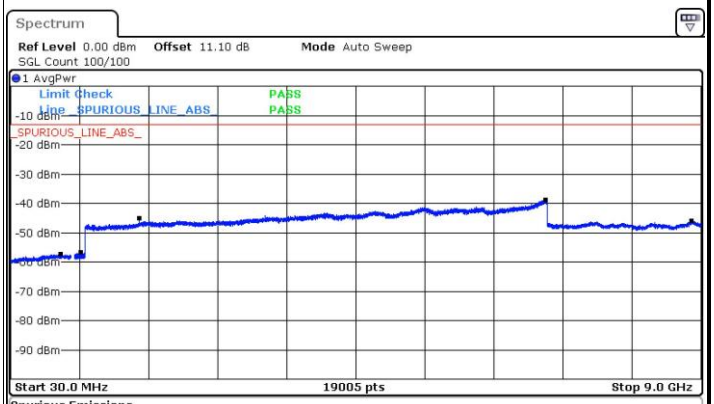


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	455.84583 MHz	-57.46 dBm	-44.46 dB
860.000 MHz	1.000 GHz	100.000 kHz	927.62238 MHz	-56.68 dBm	-43.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-43.80 dBm	-30.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-38.58 dBm	-25.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87728 GHz	-45.93 dBm	-32.93 dB

Date: 21.SEP.2018 01:59:52

Highest Channel / 16QAM



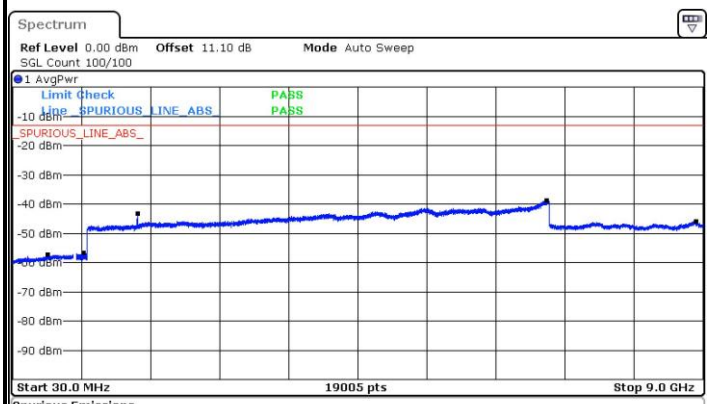
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	673.57446 MHz	-57.35 dBm	-44.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	936.99301 MHz	-56.75 dBm	-43.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-45.01 dBm	-32.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97925 GHz	-38.75 dBm	-25.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87728 GHz	-46.02 dBm	-33.02 dB

Date: 21.SEP.2018 02:00:47

LTE Band 5 / 3MHz

Lowest Channel / QPSK

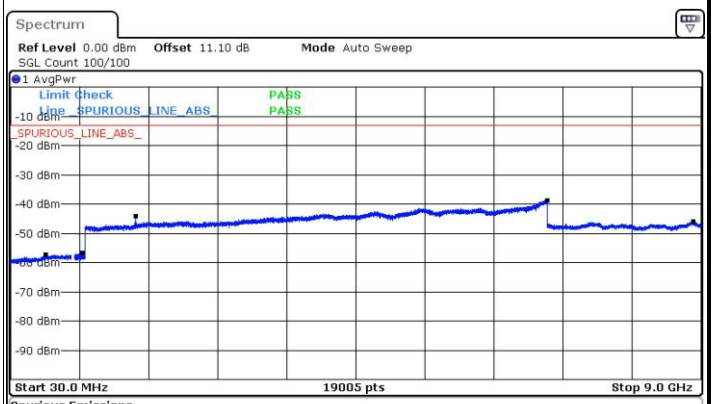


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-57.18 dBm	-44.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	951.67832 MHz	-56.85 dBm	-43.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-43.18 dBm	-30.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96575 GHz	-38.88 dBm	-25.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90677 GHz	-45.89 dBm	-32.89 dB

Date: 21.SEP.2018 00:25:06

Lowest Channel / 16QAM



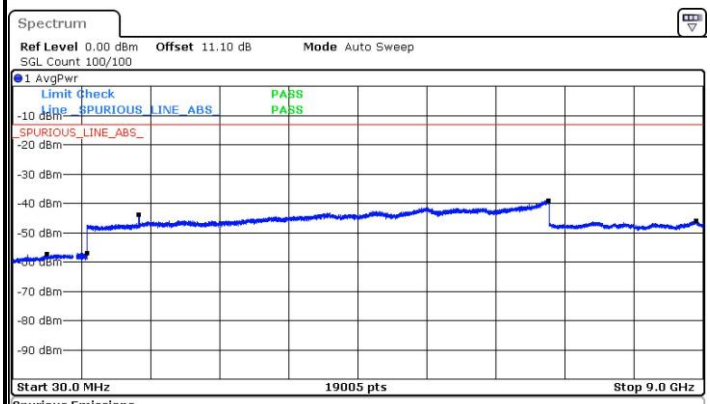
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-57.33 dBm	-44.33 dB
860.000 MHz	1.000 GHz	100.000 kHz	957.27273 MHz	-56.75 dBm	-43.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-44.17 dBm	-31.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-38.92 dBm	-25.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89328 GHz	-45.82 dBm	-32.82 dB

Date: 21.SEP.2018 00:26:01

LTE Band 5 / 3MHz

Middle Channel / QPSK

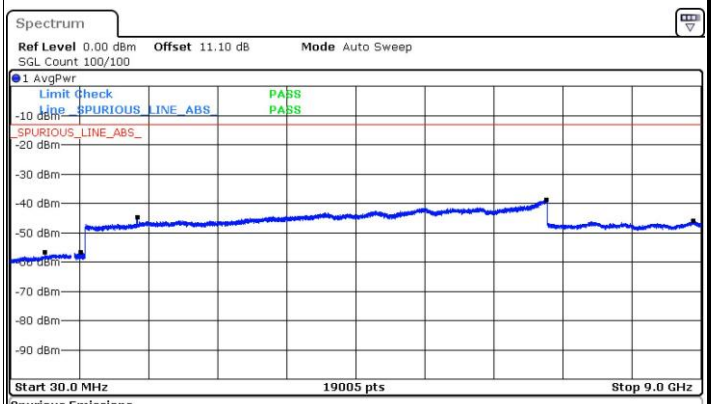


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	470.75337 MHz	-57.23 dBm	-44.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	990.55944 MHz	-57.00 dBm	-44.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-43.89 dBm	-30.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-39.06 dBm	-26.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90627 GHz	-45.92 dBm	-32.92 dB

Date: 21.SEP.2018 00:29:58

Middle Channel / 16QAM

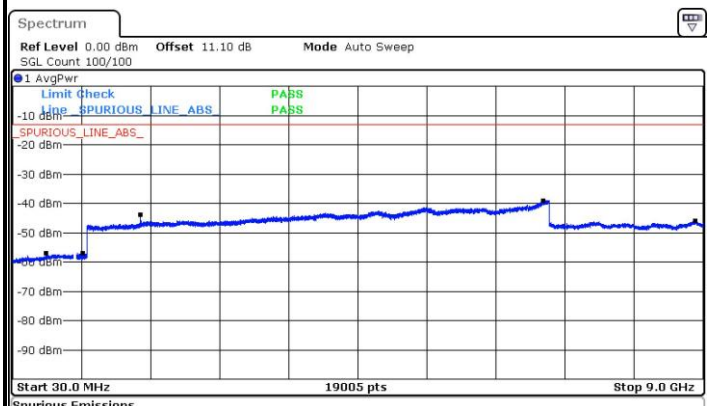


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	470.75337 MHz	-56.74 dBm	-43.74 dB
860.000 MHz	1.000 GHz	100.000 kHz	938.95105 MHz	-56.83 dBm	-43.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-44.73 dBm	-31.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-38.86 dBm	-25.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89578 GHz	-45.94 dBm	-32.94 dB

Date: 21.SEP.2018 00:30:53

Highest Channel / QPSK

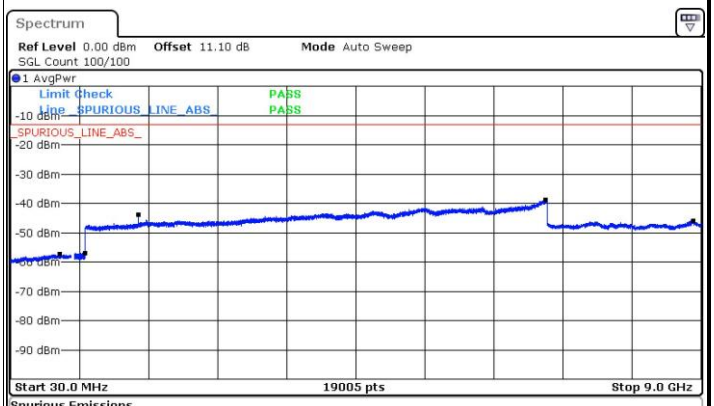


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	457.80735 MHz	-57.02 dBm	-44.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	933.63636 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-44.00 dBm	-31.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91976 GHz	-38.98 dBm	-25.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90227 GHz	-45.99 dBm	-32.99 dB

Date: 21.SEP.2018 00:39:22

Highest Channel / 16QAM



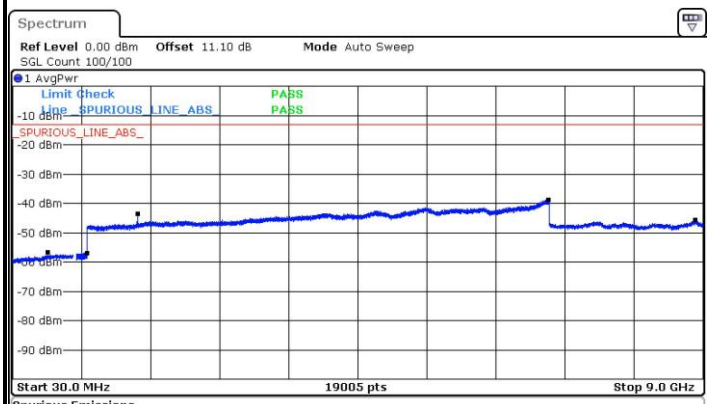
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	669.65142 MHz	-57.43 dBm	-44.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.43357 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-44.03 dBm	-31.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97975 GHz	-38.85 dBm	-25.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89878 GHz	-45.97 dBm	-32.97 dB

Date: 21.SEP.2018 00:40:18

LTE Band 5 / 5MHz

Lowest Channel / QPSK

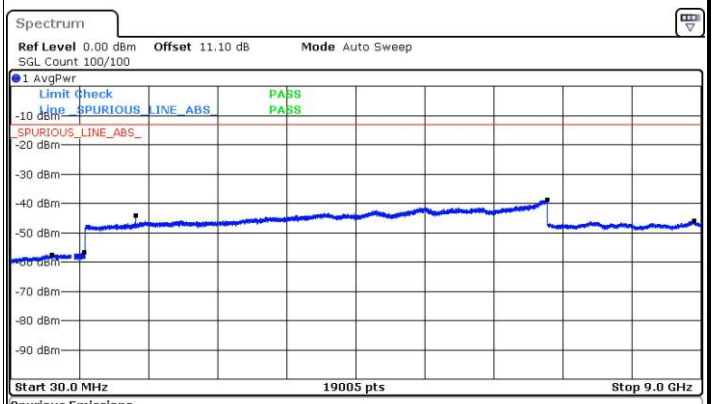


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-56.85 dBm	-43.85 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.09790 MHz	-56.98 dBm	-43.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-43.58 dBm	-30.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-38.70 dBm	-25.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89578 GHz	-45.68 dBm	-32.68 dB

Date: 21.SEP.2018 01:02:52

Lowest Channel / 16QAM

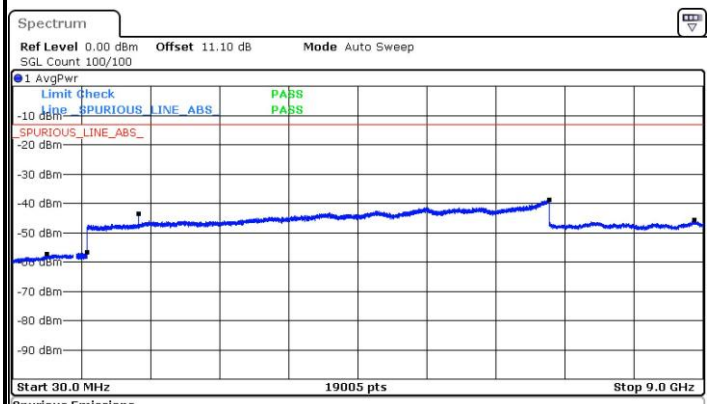


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	560.98326 MHz	-57.53 dBm	-44.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.18182 MHz	-56.76 dBm	-43.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-44.08 dBm	-31.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-38.85 dBm	-25.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90377 GHz	-45.91 dBm	-32.91 dB

Date: 21.SEP.2018 01:04:33

Middle Channel / QPSK

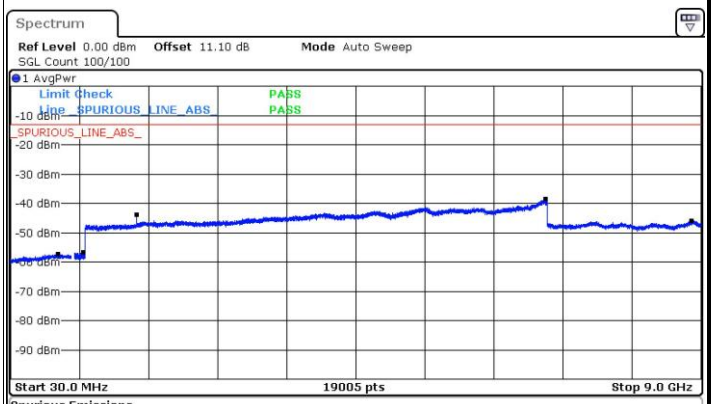


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	471.93028 MHz	-57.31 dBm	-44.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.77622 MHz	-56.78 dBm	-43.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-43.64 dBm	-30.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-38.92 dBm	-25.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88478 GHz	-45.73 dBm	-32.73 dB

Date: 21.SEP.2018 01:06:30

Middle Channel / 16QAM



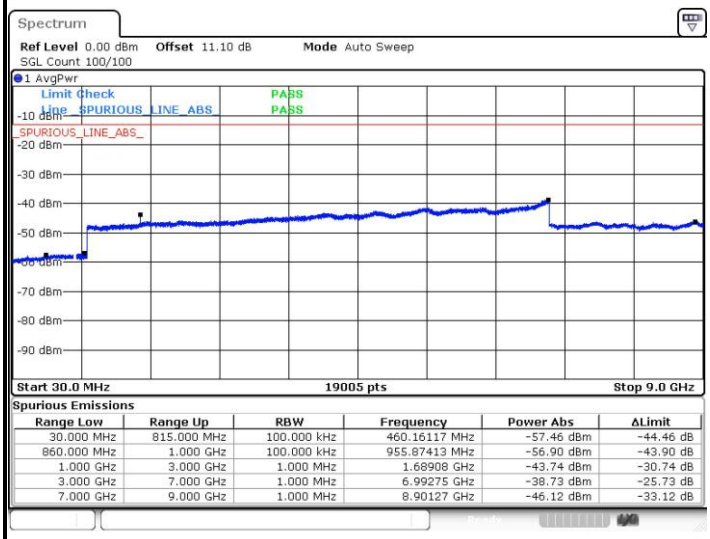
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	641.40555 MHz	-57.36 dBm	-44.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.53846 MHz	-56.83 dBm	-43.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-43.75 dBm	-30.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97825 GHz	-38.60 dBm	-25.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87878 GHz	-45.89 dBm	-32.89 dB

Date: 21.SEP.2018 01:07:25

LTE Band 5 / 5MHz

Highest Channel / QPSK

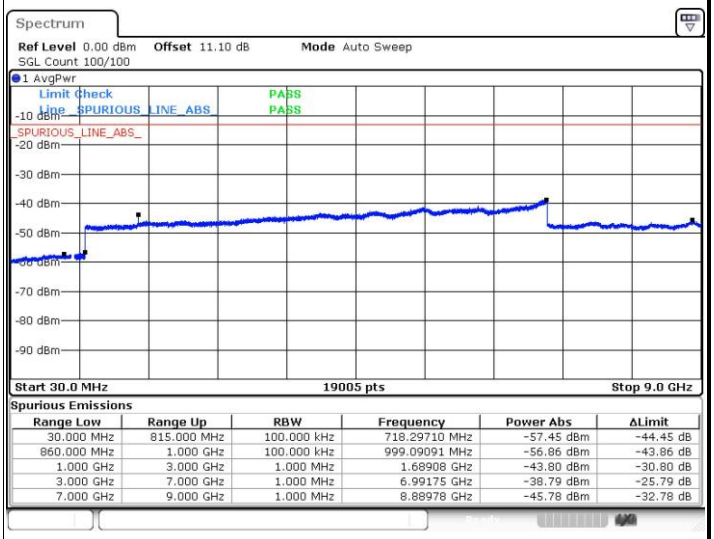


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	460.16117 MHz	-57.46 dBm	-44.46 dB
860.000 MHz	1.000 GHz	100.000 kHz	955.87413 MHz	-56.90 dBm	-43.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-43.74 dBm	-30.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-38.73 dBm	-25.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90127 GHz	-46.12 dBm	-33.12 dB

Date: 21.SEP.2018 01:15:53

Highest Channel / 16QAM



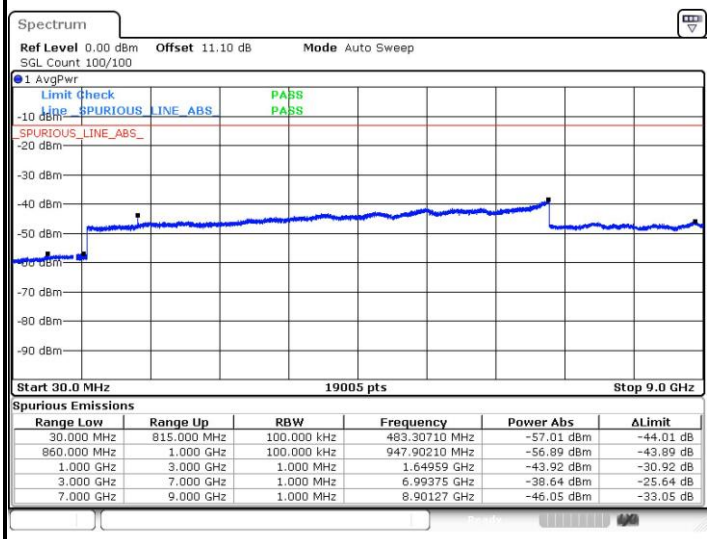
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	718.29710 MHz	-57.45 dBm	-44.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.09091 MHz	-56.86 dBm	-43.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-43.80 dBm	-30.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-38.79 dBm	-25.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88978 GHz	-45.78 dBm	-32.78 dB

Date: 21.SEP.2018 01:16:47

LTE Band 5 / 10MHz

Lowest Channel / QPSK

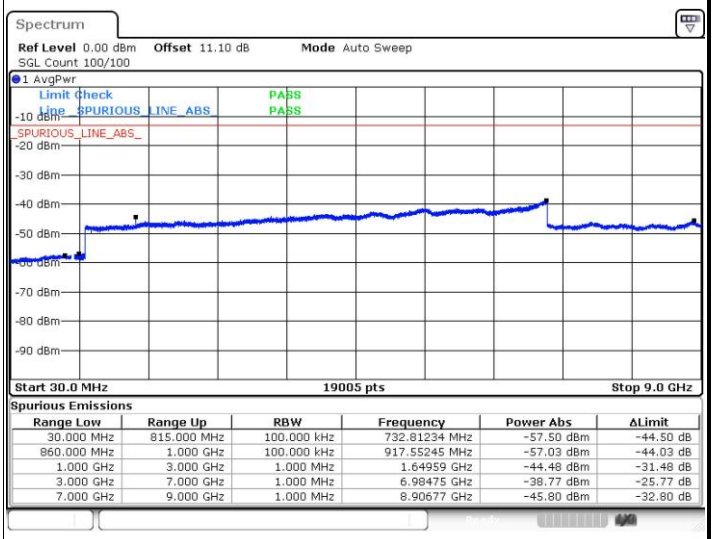


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.30710 MHz	-57.01 dBm	-44.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	947.90210 MHz	-56.89 dBm	-43.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-43.92 dBm	-30.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-38.64 dBm	-25.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90127 GHz	-46.05 dBm	-33.05 dB

Date: 21.SEP.2018 01:25:14

Lowest Channel / 16QAM



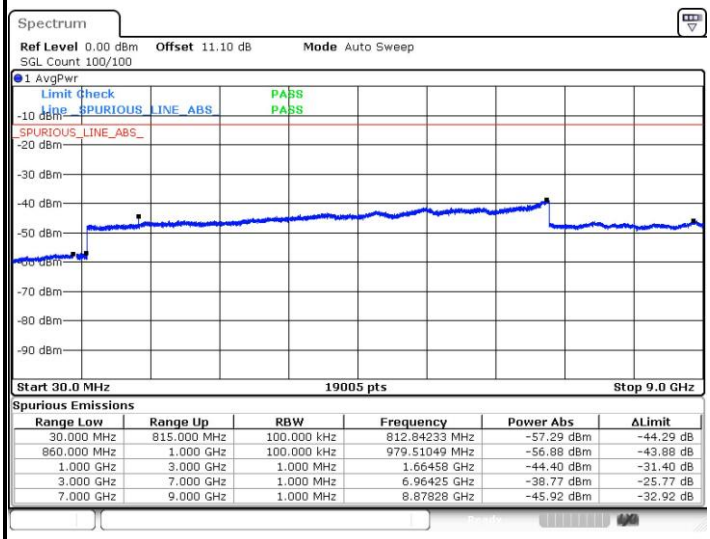
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	732.81234 MHz	-57.50 dBm	-44.50 dB
860.000 MHz	1.000 GHz	100.000 kHz	917.55245 MHz	-57.03 dBm	-44.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-44.48 dBm	-31.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-38.77 dBm	-25.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90677 GHz	-45.80 dBm	-32.80 dB

Date: 21.SEP.2018 01:26:08

LTE Band 5 / 10MHz

Middle Channel / QPSK

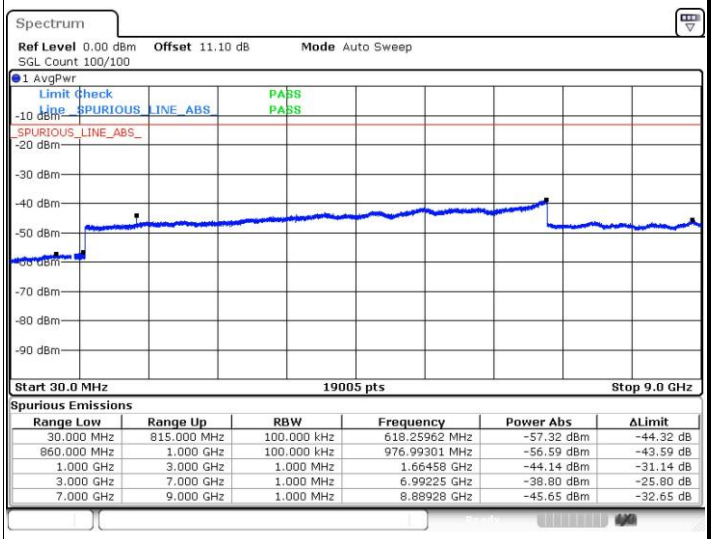


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-57.29 dBm	-44.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	979.51049 MHz	-56.88 dBm	-43.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.40 dBm	-31.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-38.77 dBm	-25.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87828 GHz	-45.92 dBm	-32.92 dB

Date: 21.SEP.2018 01:27:54

Middle Channel / 16QAM

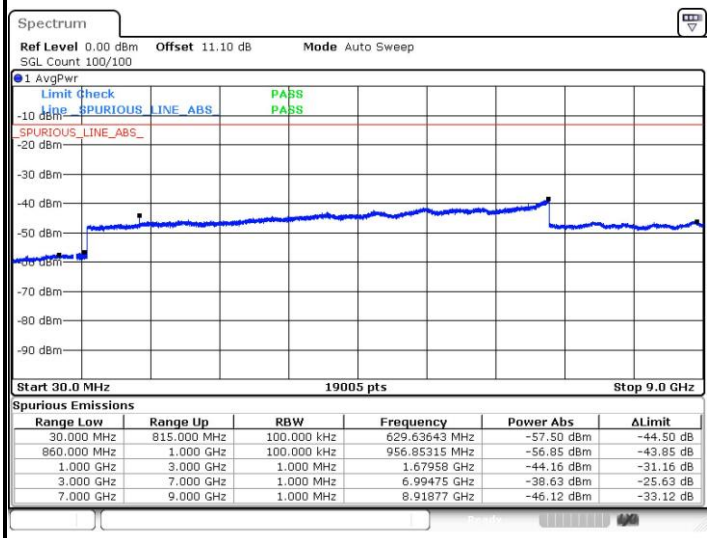


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	618.25962 MHz	-57.32 dBm	-44.32 dB
860.000 MHz	1.000 GHz	100.000 kHz	976.99301 MHz	-56.59 dBm	-43.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.14 dBm	-31.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-38.80 dBm	-25.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88928 GHz	-45.65 dBm	-32.65 dB

Date: 21.SEP.2018 01:28:49

Highest Channel / QPSK

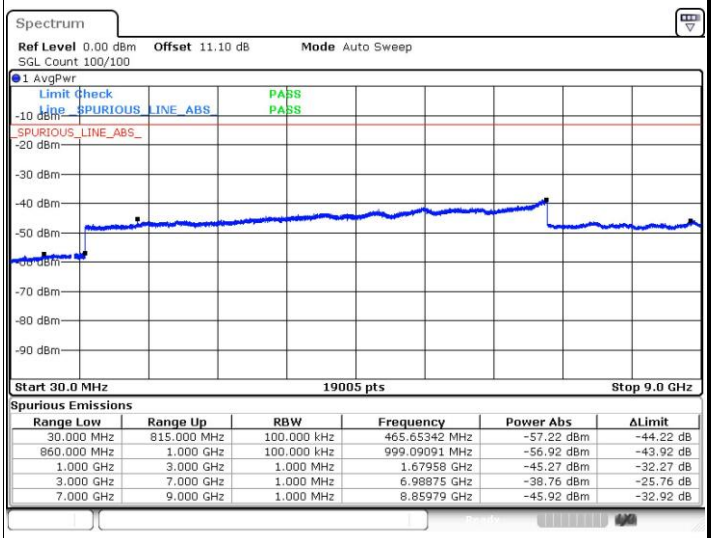


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	629.63643 MHz	-57.50 dBm	-44.50 dB
860.000 MHz	1.000 GHz	100.000 kHz	956.85315 MHz	-56.85 dBm	-43.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-44.16 dBm	-31.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-38.63 dBm	-25.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91877 GHz	-46.12 dBm	-33.12 dB

Date: 21.SEP.2018 01:37:17

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	465.65342 MHz	-57.22 dBm	-44.22 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.09091 MHz	-56.92 dBm	-43.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.27 dBm	-32.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-38.76 dBm	-25.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.85979 GHz	-45.92 dBm	-32.92 dB

Date: 21.SEP.2018 01:38:11

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	0.0057	PASS
40	Normal Voltage	0.0060	
30	Normal Voltage	0.0085	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0059	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

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.

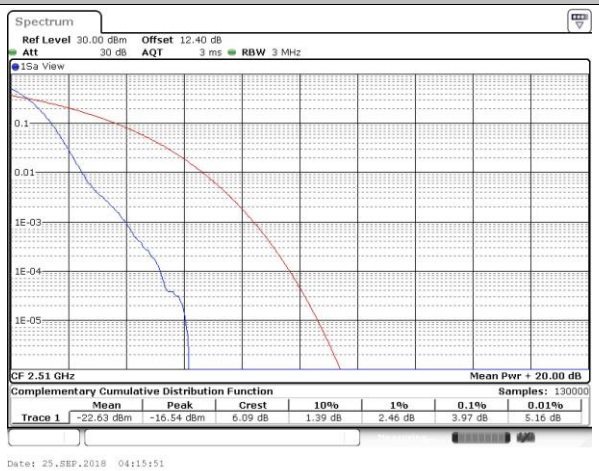
LTE Band 7

Peak-to-Average Ratio

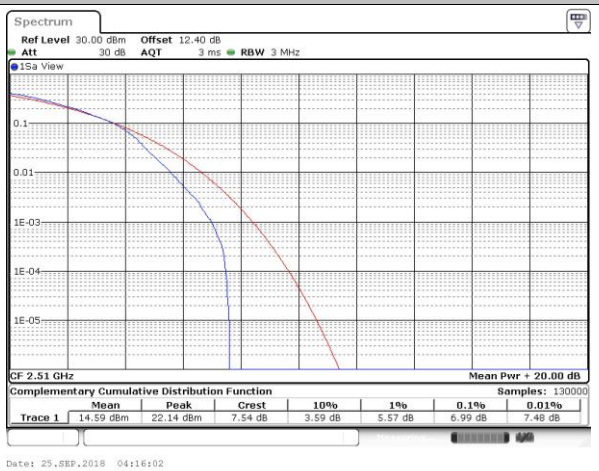
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.97	6.99	4.38	7.33	PASS
Middle CH	4.93	6.9	5.25	7.3	
Highest CH	5.19	6.75	5.3	7.3	

LTE Band 7 / 20MHz / QPSK

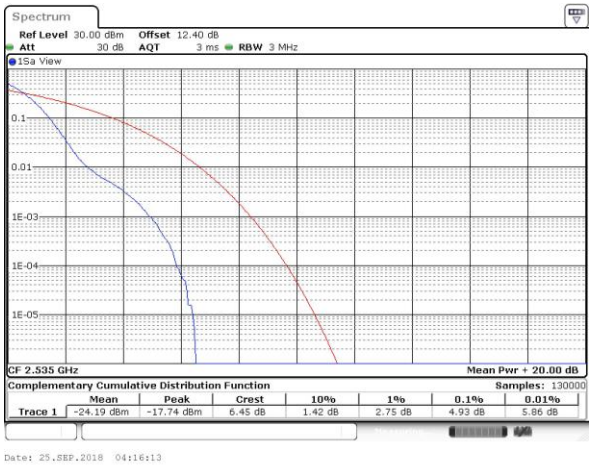
Lowest Channel / 1RB



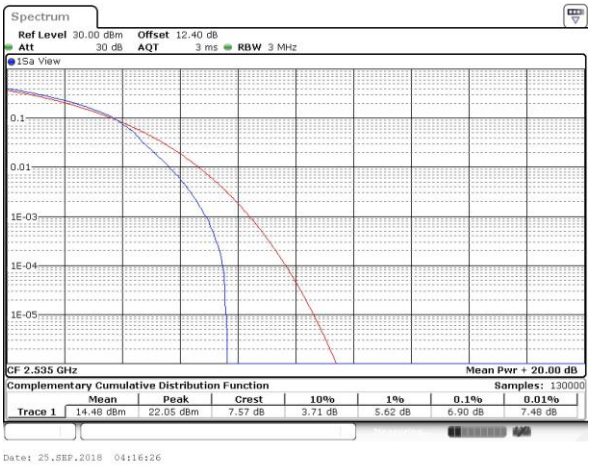
Lowest Channel / Full RB



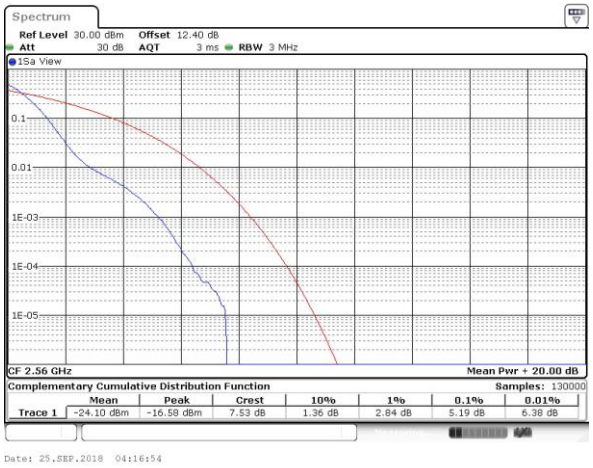
Middle Channel / 1RB



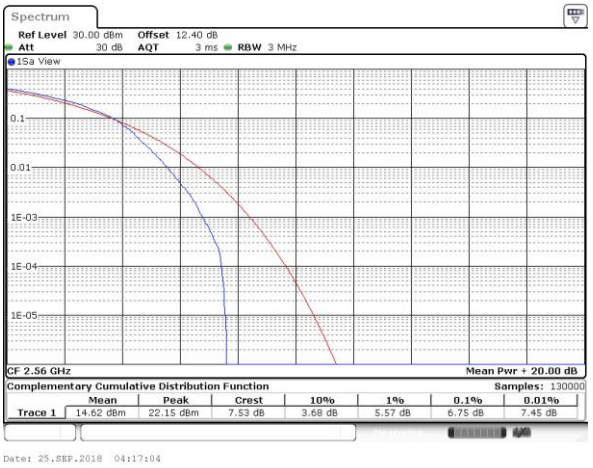
Middle Channel / Full RB



Highest Channel / 1RB

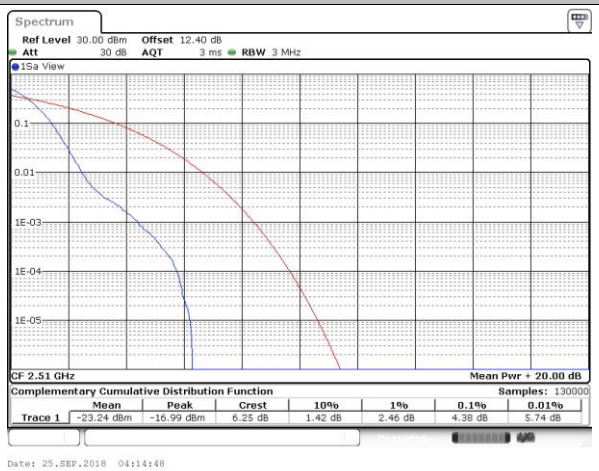


Highest Channel / Full RB

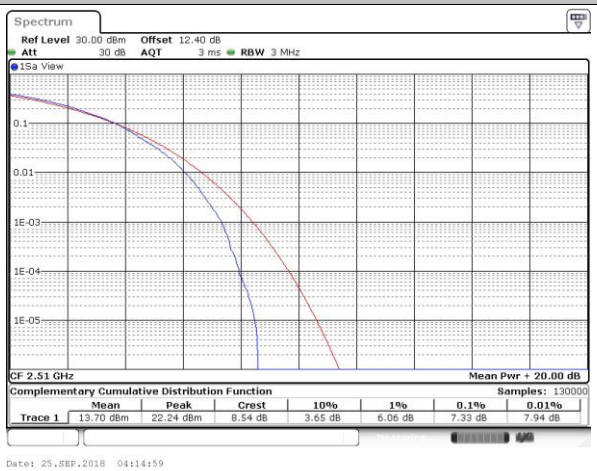


LTE Band 7 / 20MHz / 16QAM

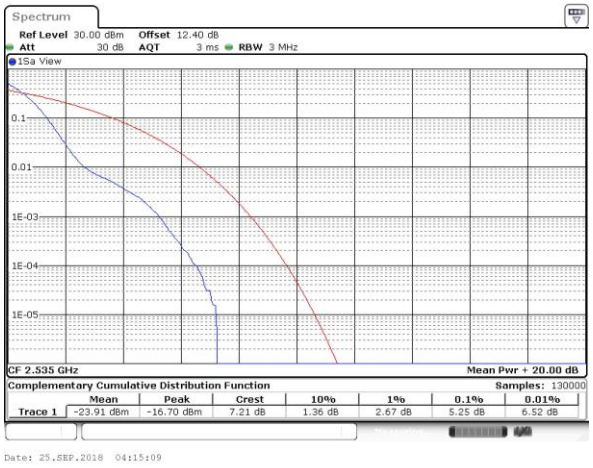
Lowest Channel / 1RB



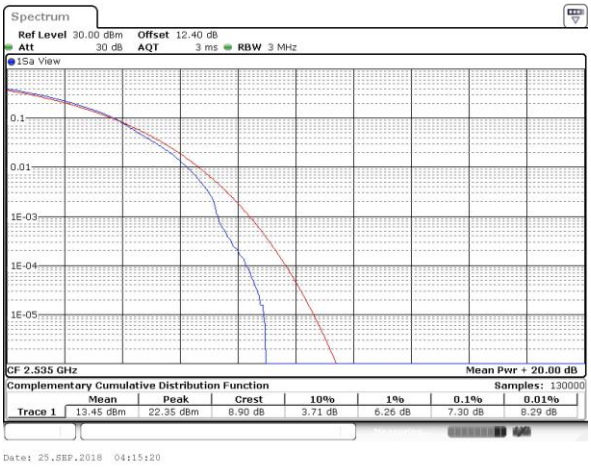
Lowest Channel / Full RB



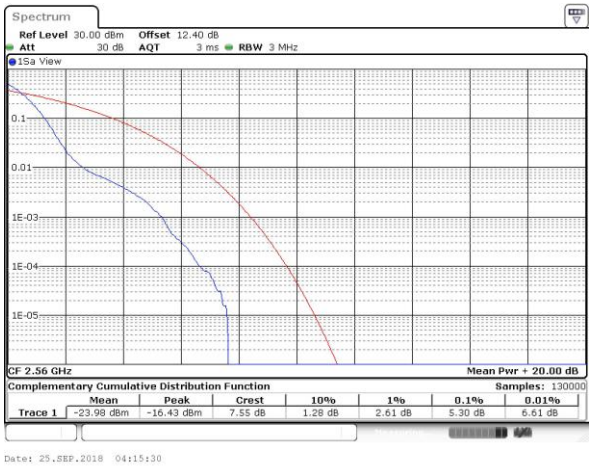
Middle Channel / 1RB



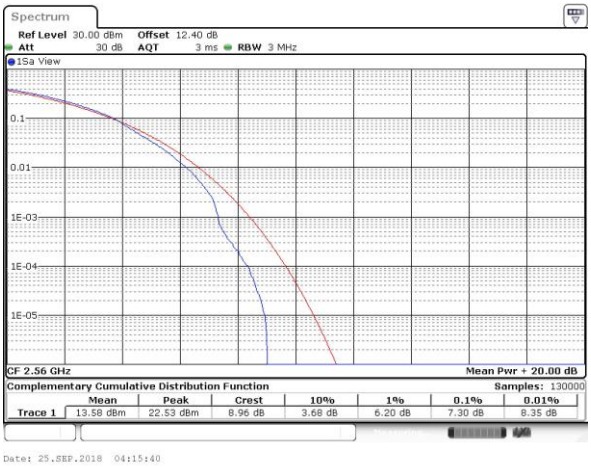
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

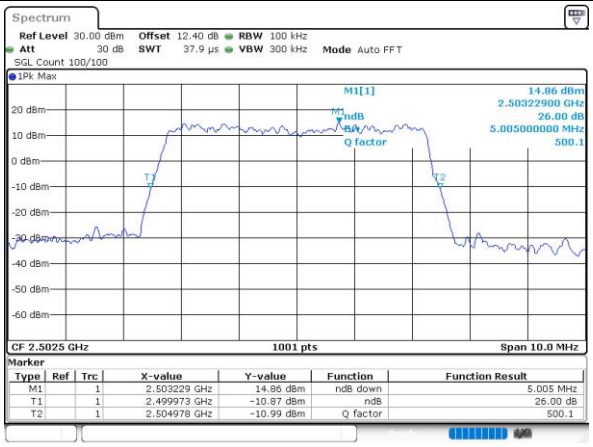


26dB Bandwidth

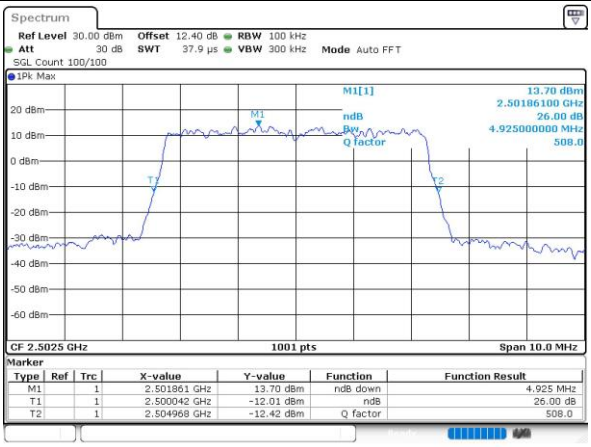
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.01	4.93	9.89	9.97	14.42	14.60	20.30	20.26
Middle CH	-	-	-	-	4.85	4.81	9.85	9.83	14.30	14.33	20.38	20.22
Highest CH	-	-	-	-	4.96	4.95	9.89	9.75	14.48	14.45	20.30	20.22

LTE Band 7

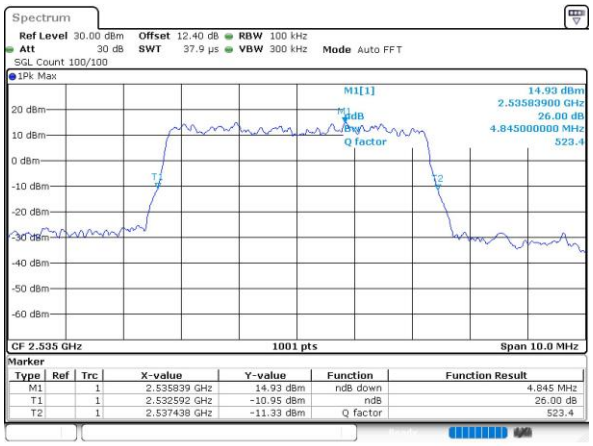
Lowest Channel / 5MHz / QPSK



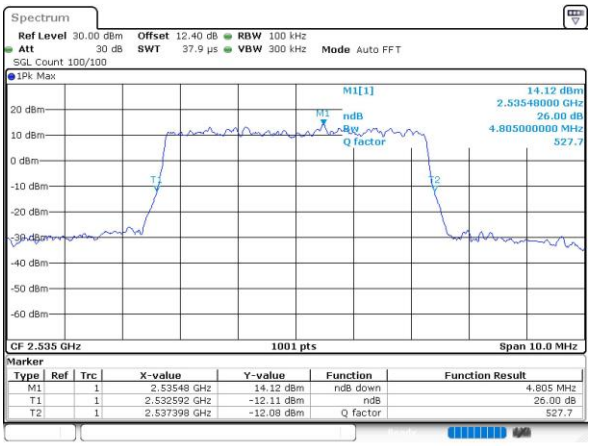
Lowest Channel / 5MHz / 16QAM



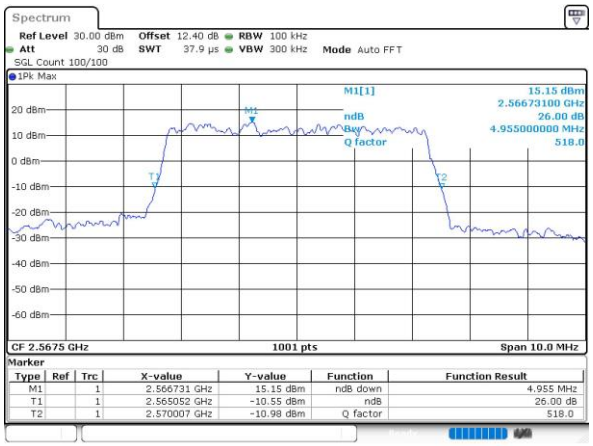
Middle Channel / 5MHz / QPSK



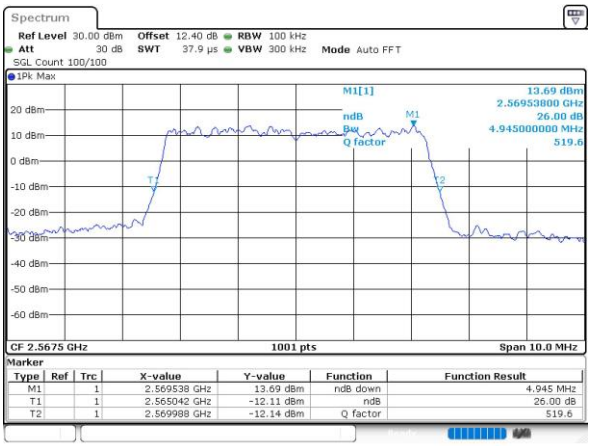
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

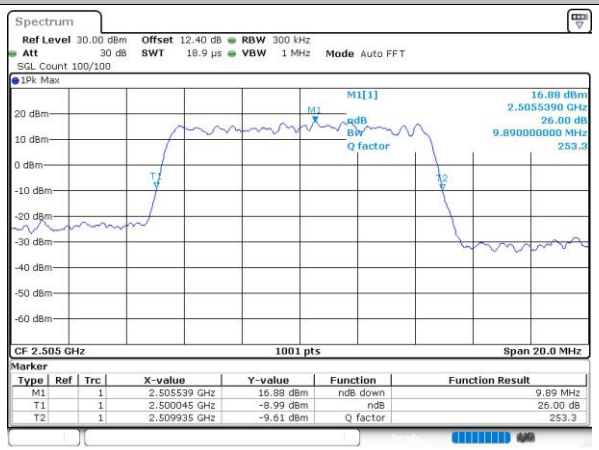


Highest Channel / 5MHz / 16QAM

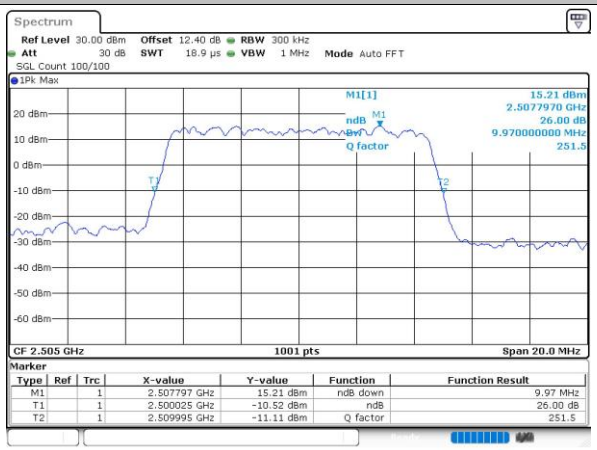


LTE Band 7

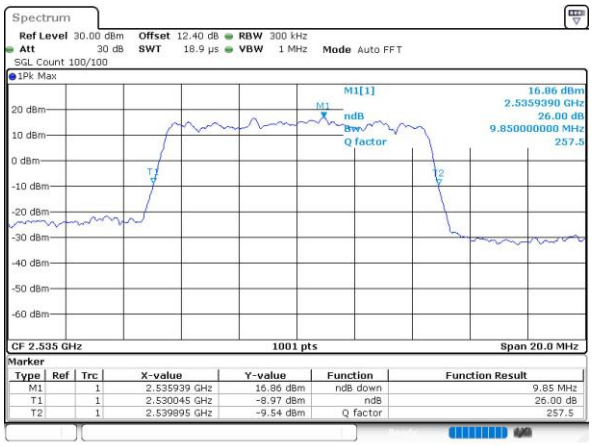
Lowest Channel / 10MHz / QPSK



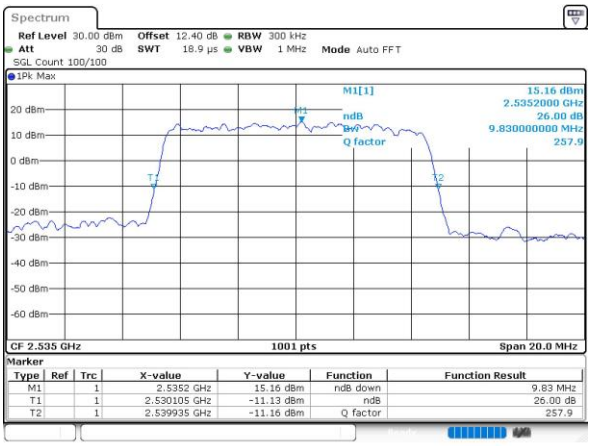
Lowest Channel / 10MHz / 16QAM



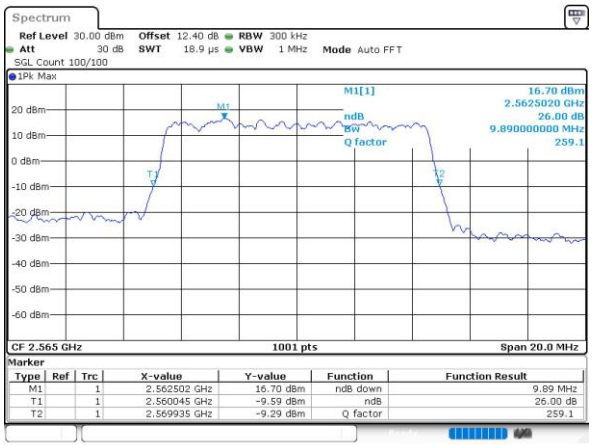
Middle Channel / 10MHz / QPSK



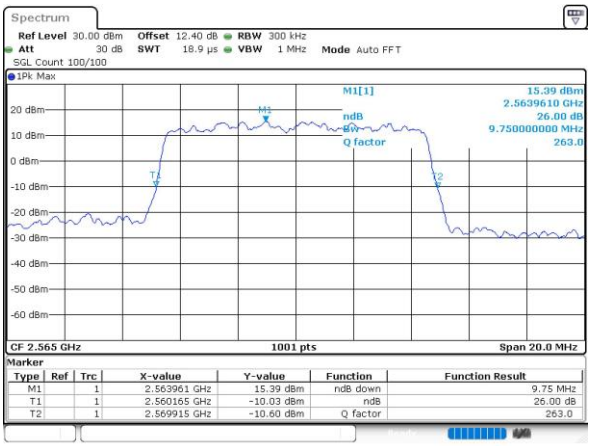
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

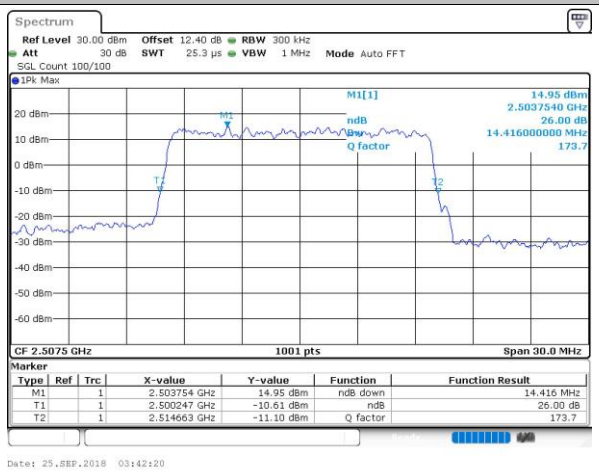


Highest Channel / 10MHz / 16QAM

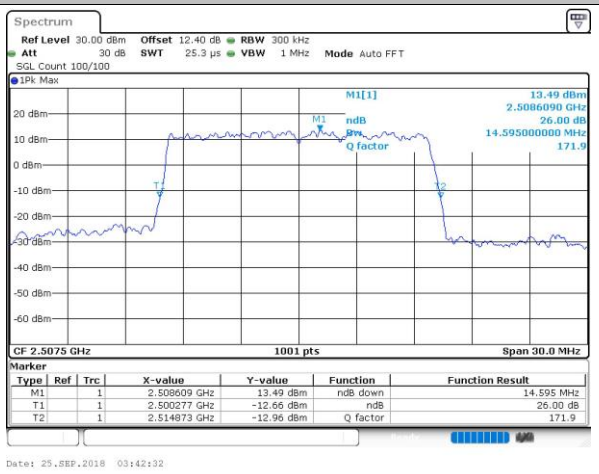


LTE Band 7

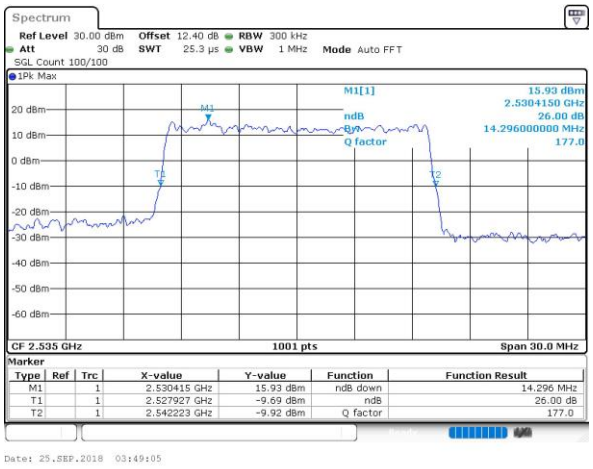
Lowest Channel / 15MHz / QPSK



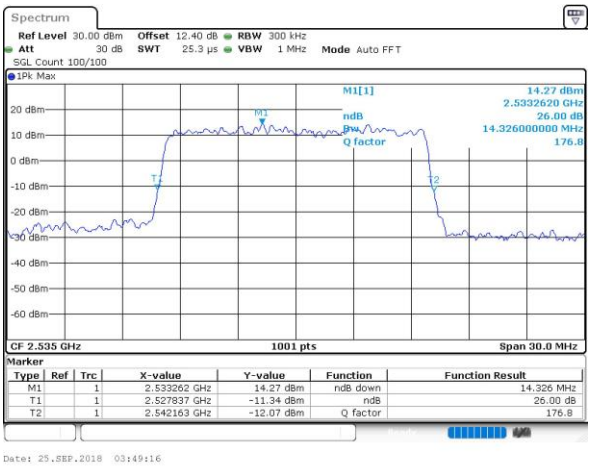
Lowest Channel / 15MHz / 16QAM



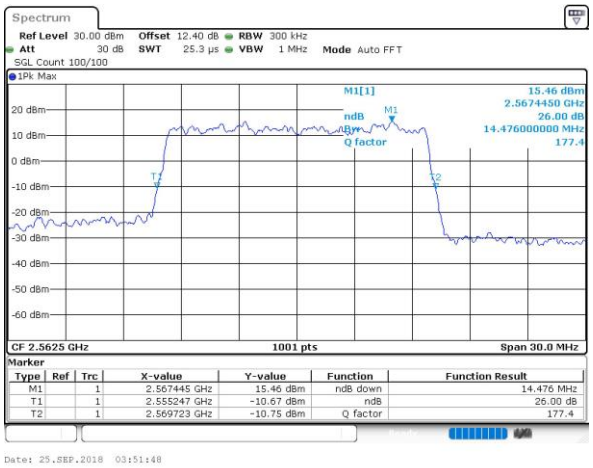
Middle Channel / 15MHz / QPSK



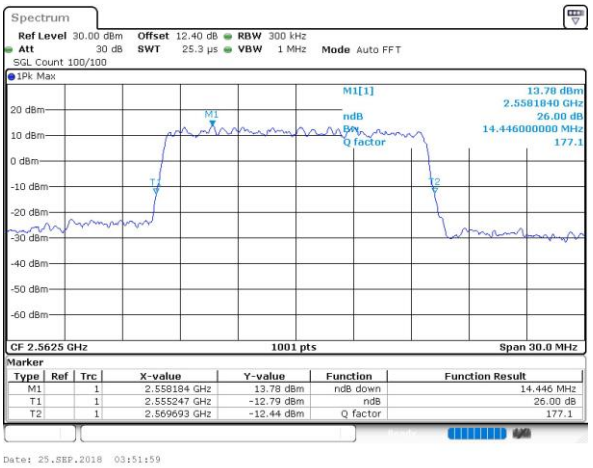
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

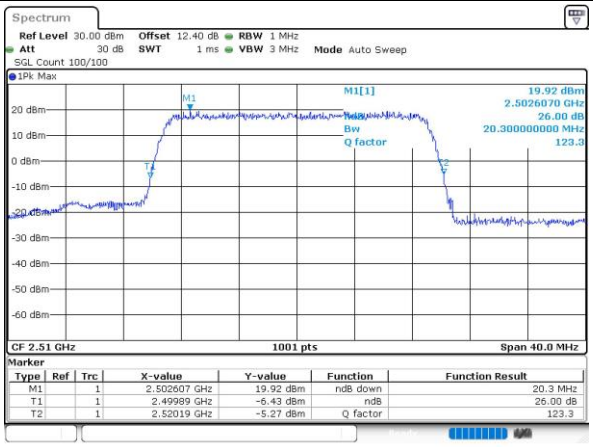


Highest Channel / 15MHz / 16QAM

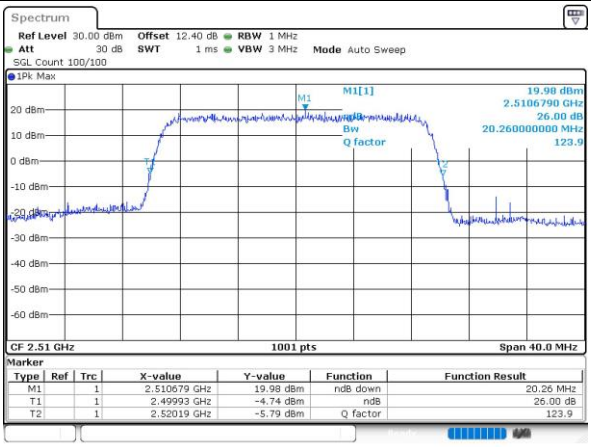


LTE Band 7

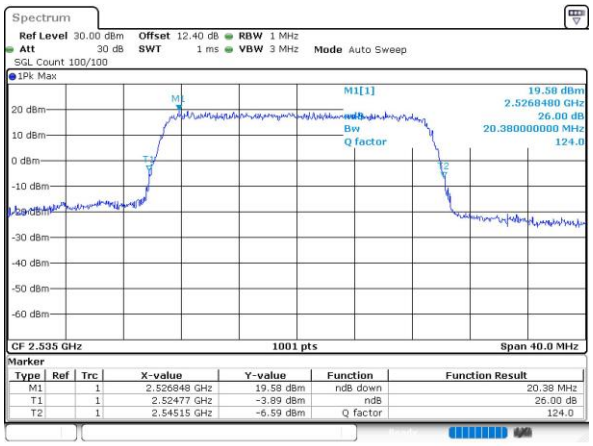
Lowest Channel / 20MHz / QPSK



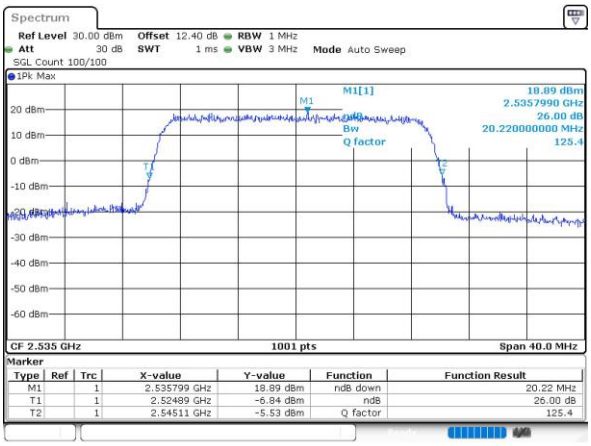
Lowest Channel / 20MHz / 16QAM



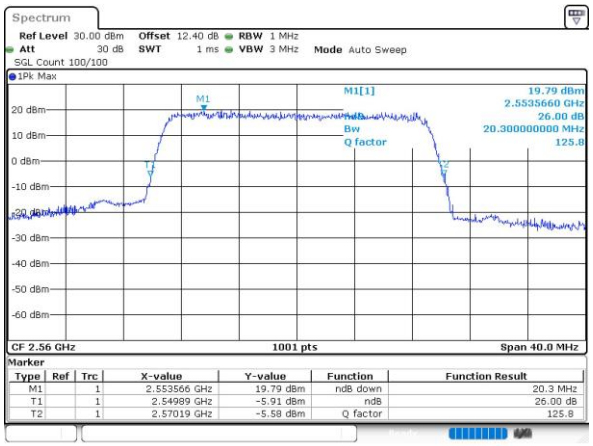
Middle Channel / 20MHz / QPSK



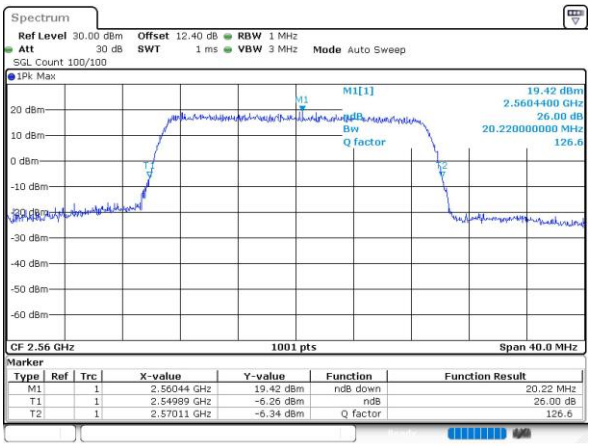
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.5	9.03	9.03	13.46	13.4	18.38	18.38
Middle CH	-	-	-	-	4.48	4.51	8.99	8.97	13.43	13.49	18.38	18.34
Highest CH	-	-	-	-	4.49	4.47	9.07	9.03	13.43	13.49	18.34	18.3