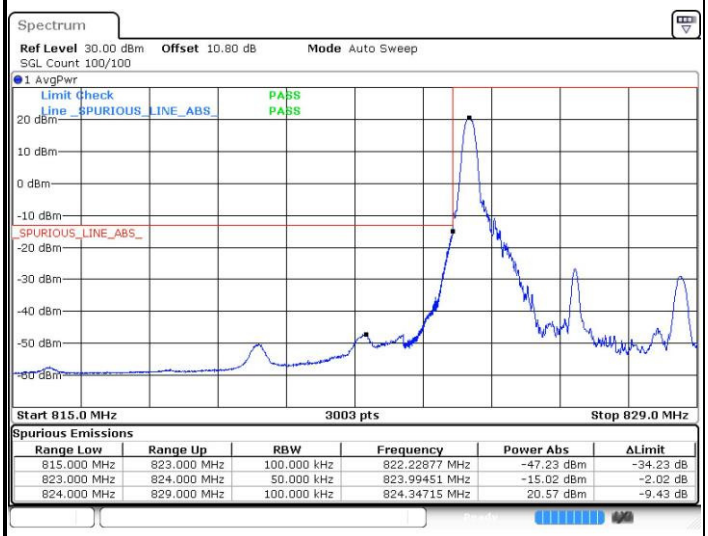
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

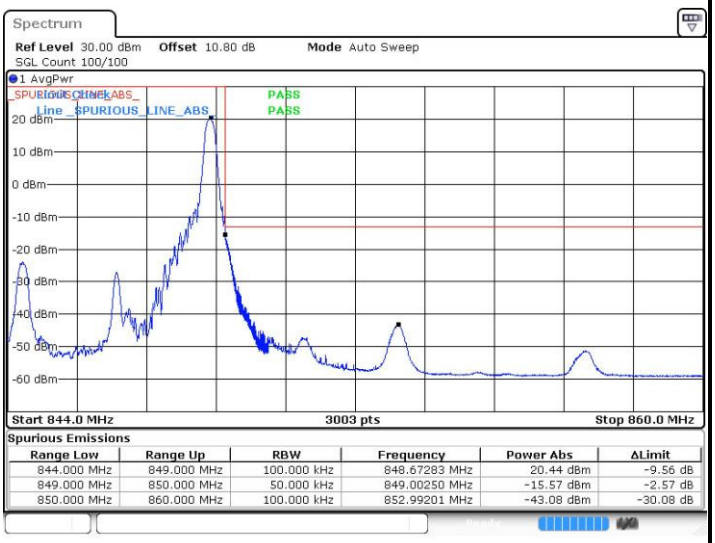


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.22877 MHz	-47.23 dBm	-34.23 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99451 MHz	-15.02 dBm	-2.02 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34715 MHz	20.57 dBm	-9.43 dB

Date: 6.FEB.2017 14:28:30

Highest Band Edge / 1 RB

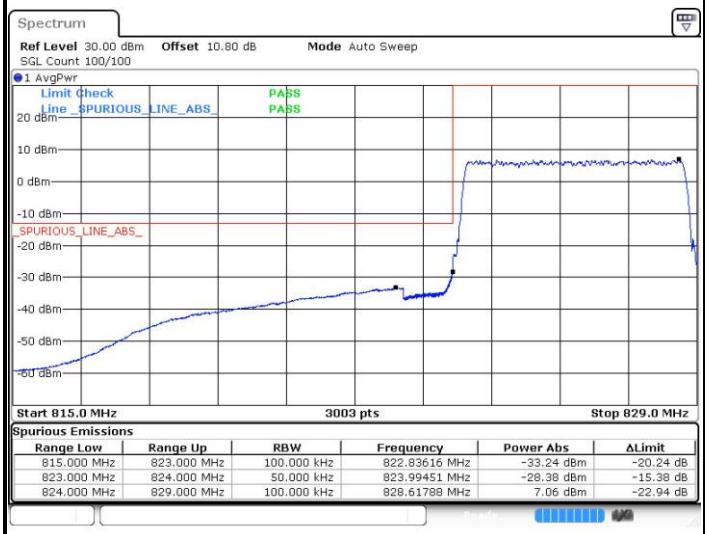


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.67283 MHz	20.44 dBm	-9.56 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00250 MHz	-15.57 dBm	-2.57 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.99201 MHz	-43.08 dBm	-30.08 dB

Date: 6.FEB.2017 14:40:06

Lowest Band Edge / Full RB

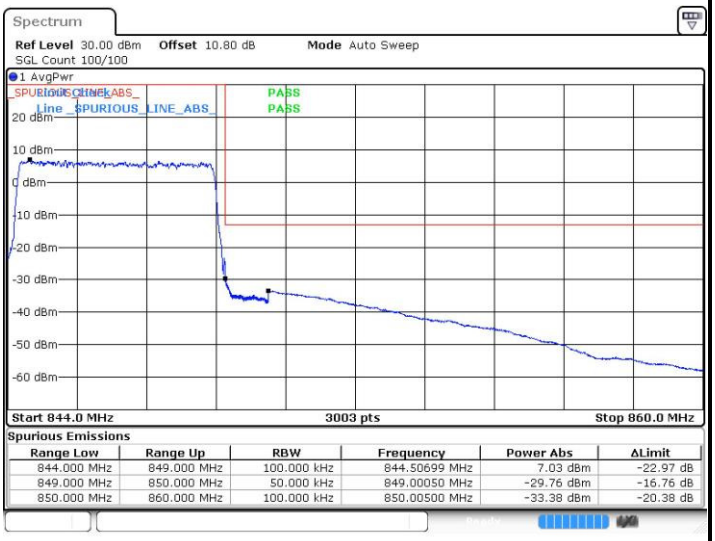


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.83616 MHz	-33.24 dBm	-20.24 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99451 MHz	-28.38 dBm	-15.38 dB
824.000 MHz	829.000 MHz	100.000 kHz	828.61788 MHz	7.06 dBm	-22.94 dB

Date: 6.FEB.2017 14:31:48

Highest Band Edge / Full RB



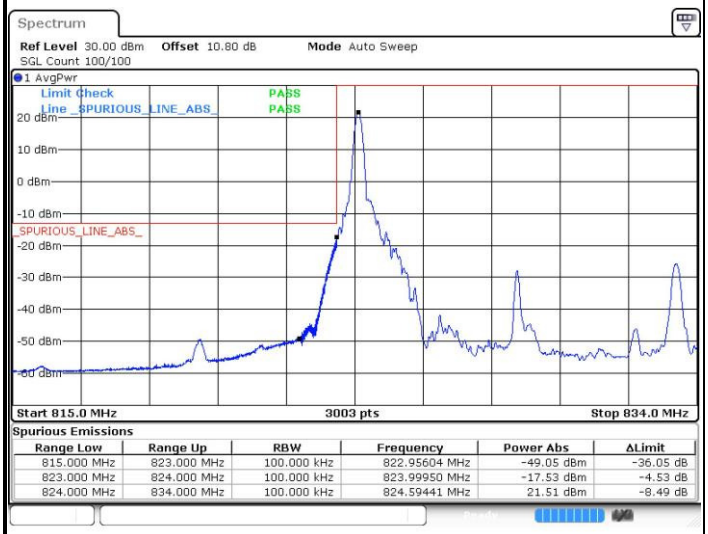
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.50699 MHz	7.03 dBm	-22.97 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-29.76 dBm	-16.76 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-33.38 dBm	-20.38 dB

Date: 6.FEB.2017 14:43:25

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

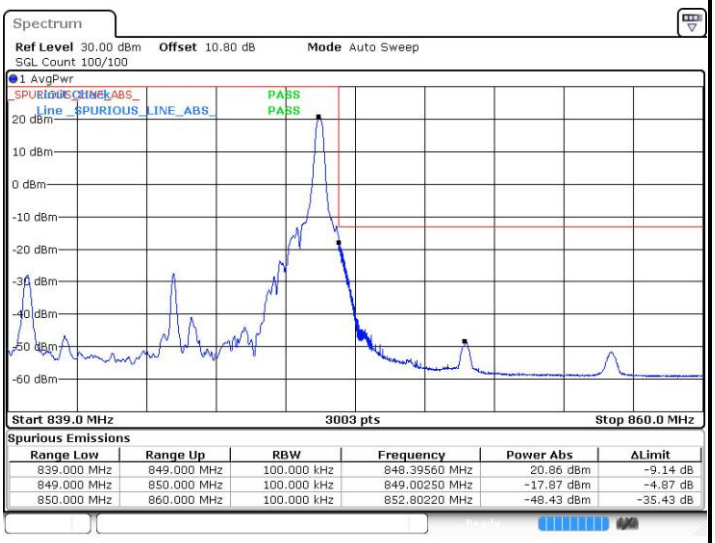


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-49.05 dBm	-36.05 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99950 MHz	-17.53 dBm	-4.53 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.59441 MHz	21.51 dBm	-8.49 dB

Date: 6.FEB.2017 14:47:34

Highest Band Edge / 1 RB

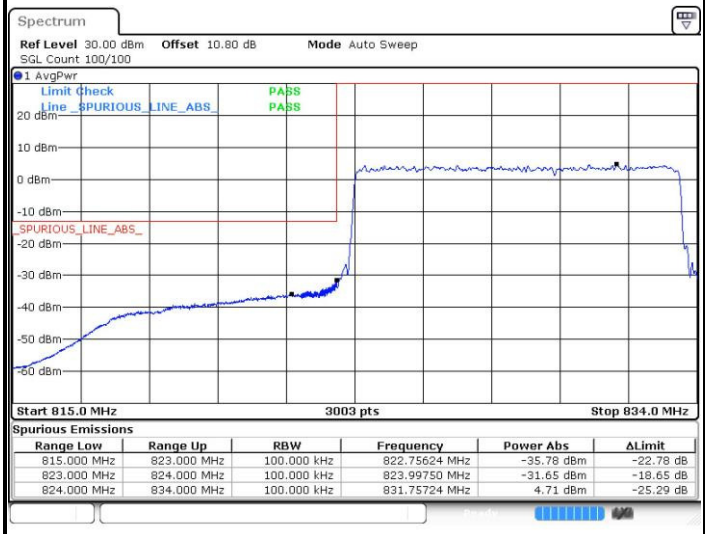


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.39560 MHz	20.86 dBm	-9.14 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-17.87 dBm	-4.87 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.80220 MHz	-48.43 dBm	-35.43 dB

Date: 6.FEB.2017 14:59:11

Lowest Band Edge / Full RB

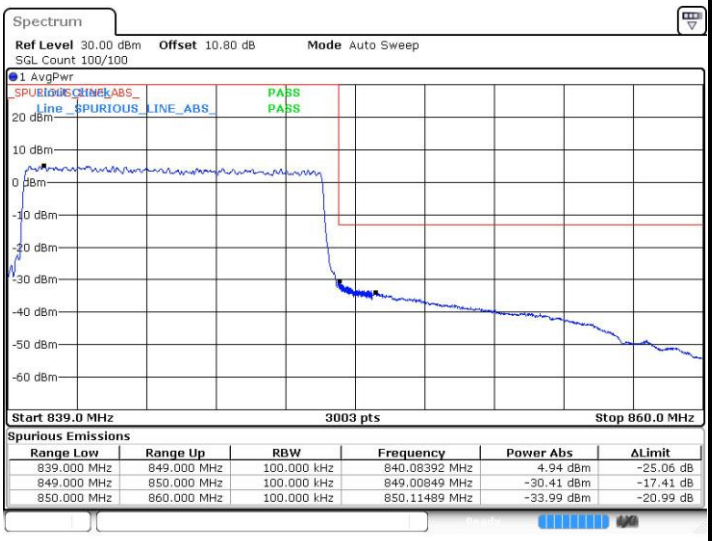


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.75624 MHz	-35.78 dBm	-22.78 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99750 MHz	-31.65 dBm	-18.65 dB
824.000 MHz	834.000 MHz	100.000 kHz	831.75724 MHz	4.71 dBm	-25.29 dB

Date: 6.FEB.2017 14:50:52

Highest Band Edge / Full RB



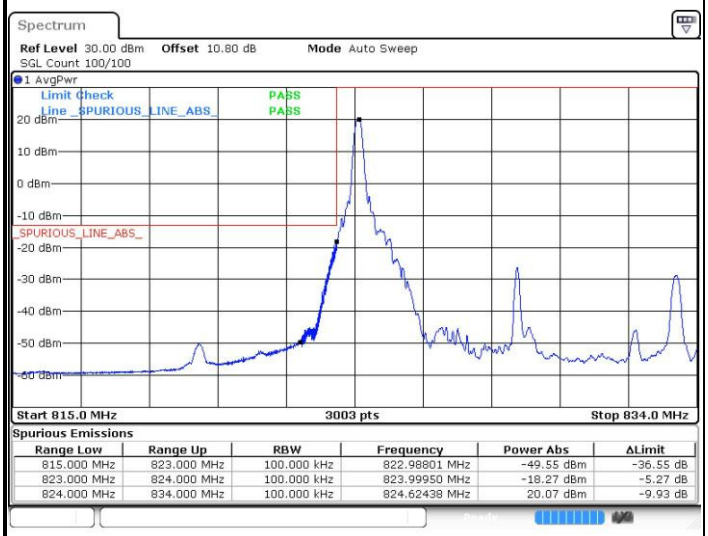
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.08392 MHz	4.94 dBm	-25.06 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00849 MHz	-30.41 dBm	-17.41 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.11489 MHz	-33.99 dBm	-20.99 dB

Date: 6.FEB.2017 15:02:29

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

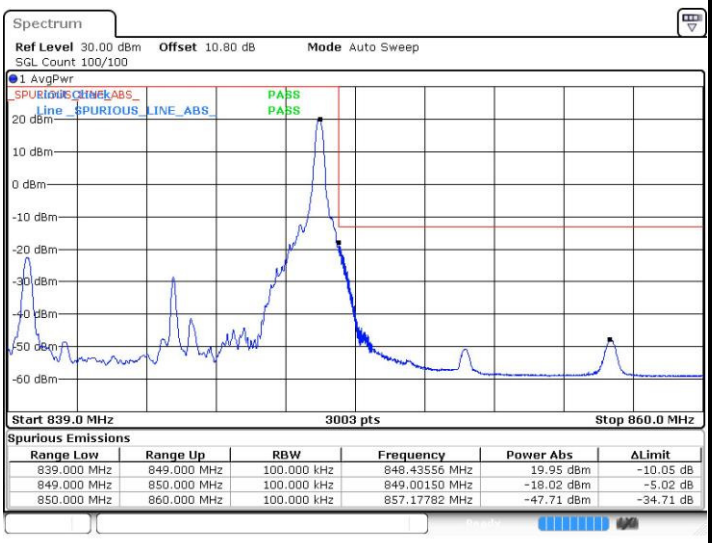


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-49.55 dBm	-36.55 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99950 MHz	-18.27 dBm	-5.27 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.62438 MHz	20.07 dBm	-9.93 dB

Date: 6.FEB.2017 14:49:13

Highest Band Edge / 1 RB

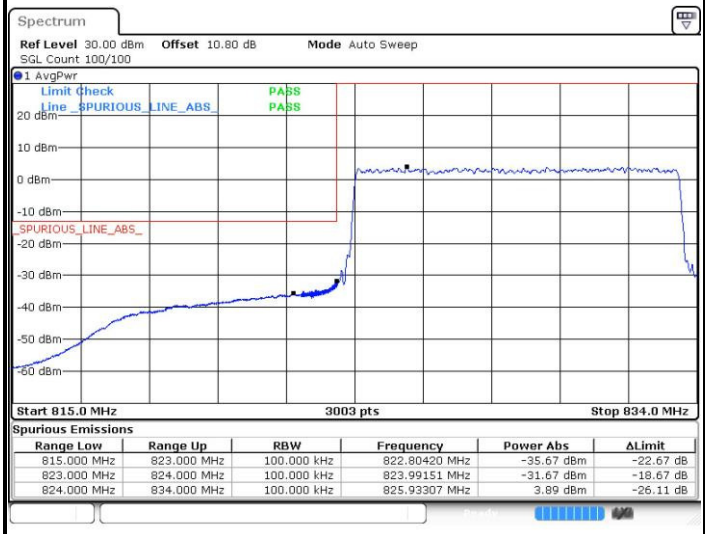


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.43556 MHz	19.95 dBm	-10.05 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00150 MHz	-18.02 dBm	-5.02 dB
850.000 MHz	860.000 MHz	100.000 kHz	857.17782 MHz	-47.71 dBm	-34.71 dB

Date: 6.FEB.2017 15:00:50

Lowest Band Edge / Full RB

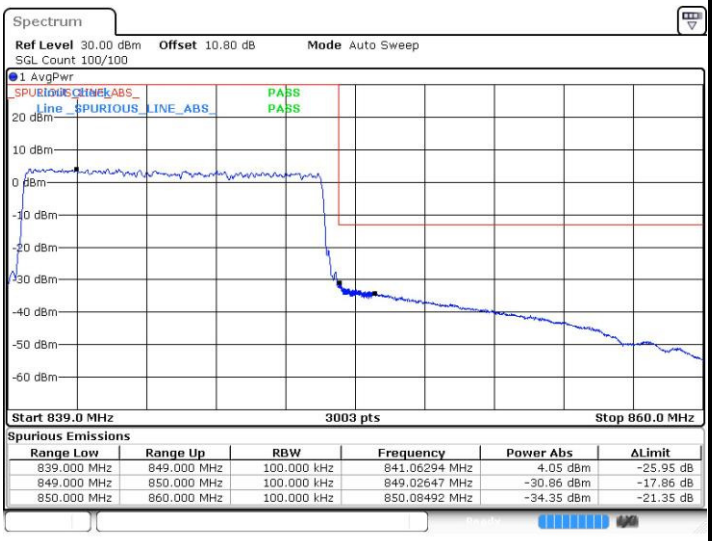


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.80420 MHz	-35.67 dBm	-22.67 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99151 MHz	-31.67 dBm	-18.67 dB
824.000 MHz	834.000 MHz	100.000 kHz	825.93307 MHz	3.89 dBm	-26.11 dB

Date: 6.FEB.2017 14:52:31

Highest Band Edge / Full RB



Spurious Emissions

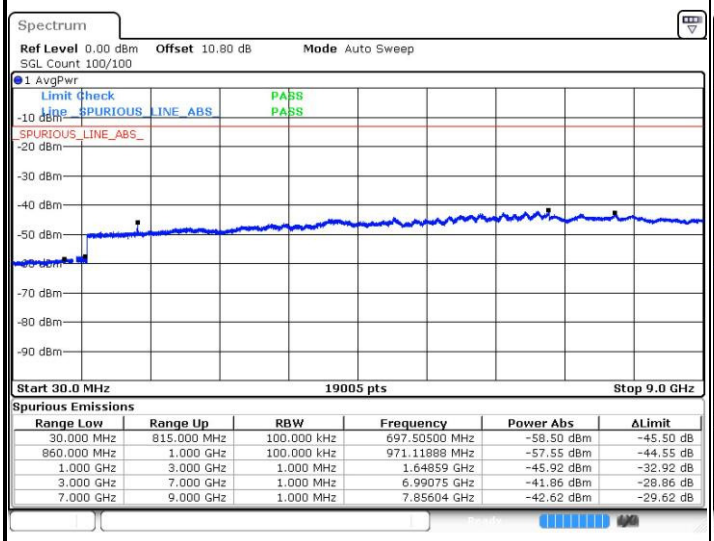
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.06294 MHz	4.05 dBm	-25.95 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.02647 MHz	-30.86 dBm	-17.86 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.08492 MHz	-34.35 dBm	-21.35 dB

Date: 6.FEB.2017 15:04:09

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

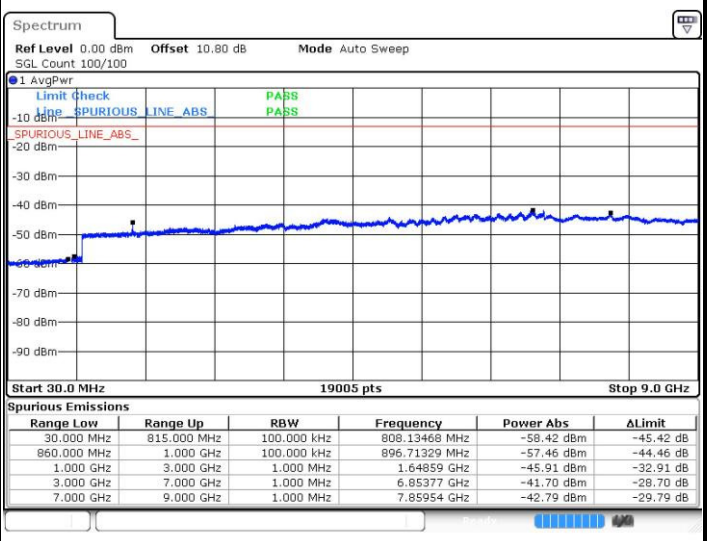


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	697.50500 MHz	-58.50 dBm	-45.50 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.11888 MHz	-57.55 dBm	-44.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-45.92 dBm	-32.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.86 dBm	-28.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85604 GHz	-42.62 dBm	-29.62 dB

Date: 6.FEB.2017 15:14:10

Lowest Channel / 16QAM

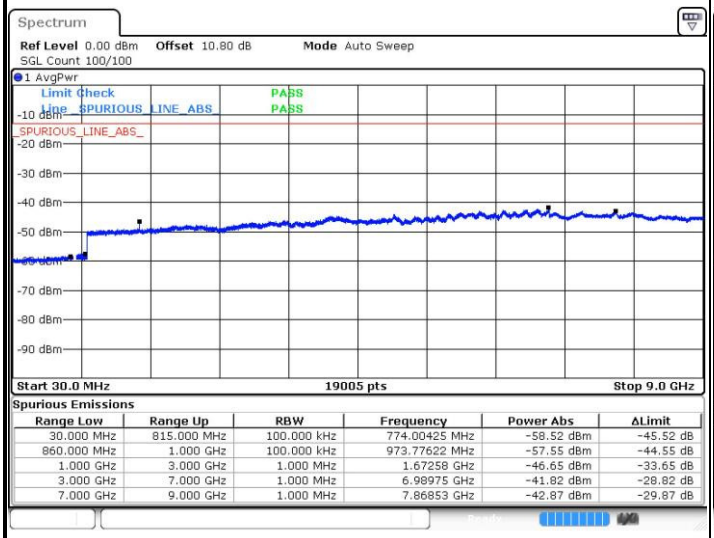


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.13468 MHz	-58.42 dBm	-45.42 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.71329 MHz	-57.46 dBm	-44.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-45.91 dBm	-32.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85377 GHz	-41.70 dBm	-28.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-42.79 dBm	-29.79 dB

Date: 6.FEB.2017 15:15:04

Middle Channel / QPSK

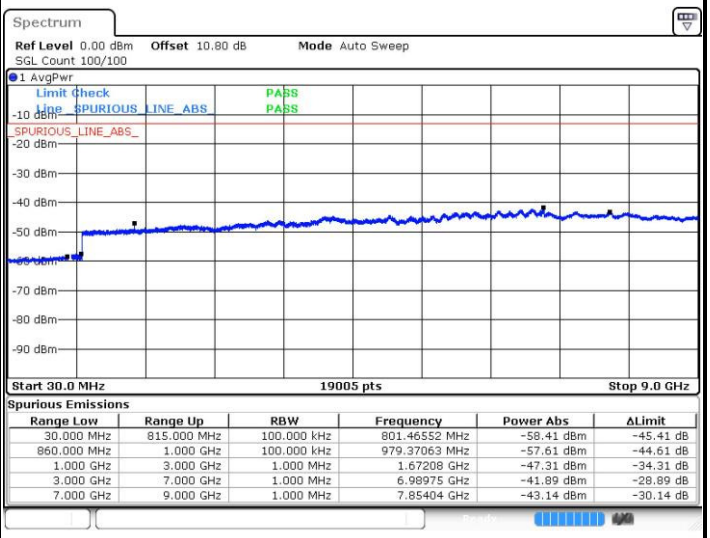


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	774.00425 MHz	-58.52 dBm	-45.52 dB
860.000 MHz	1.000 GHz	100.000 kHz	973.77622 MHz	-57.55 dBm	-44.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.82 dBm	-28.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86853 GHz	-42.87 dBm	-29.87 dB

Date: 6.FEB.2017 15:16:40

Middle Channel / 16QAM



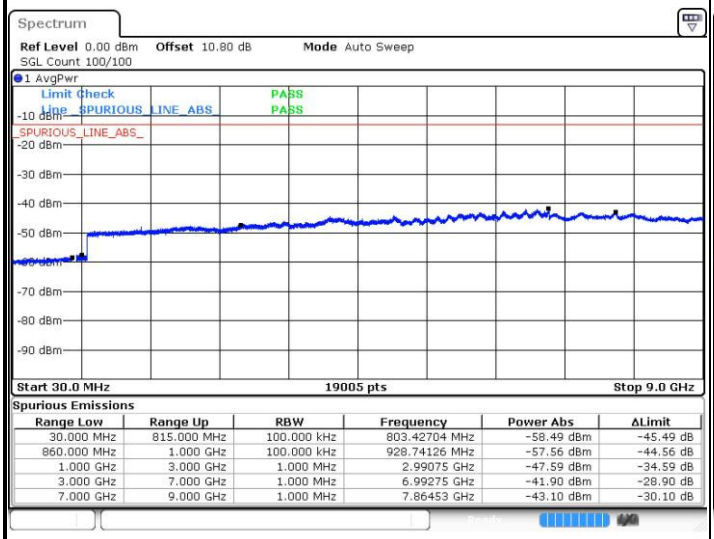
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	801.46552 MHz	-58.41 dBm	-45.41 dB
860.000 MHz	1.000 GHz	100.000 kHz	979.37063 MHz	-57.61 dBm	-44.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67208 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.89 dBm	-28.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85404 GHz	-43.14 dBm	-30.14 dB

Date: 6.FEB.2017 15:17:34

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

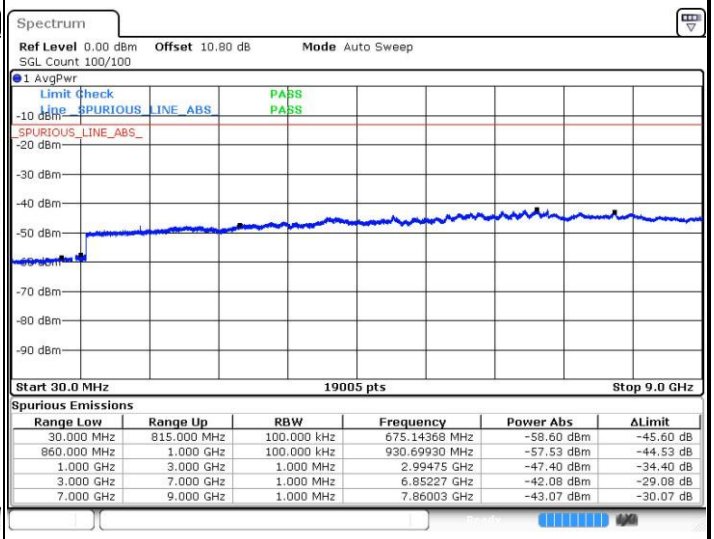


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	803.42704 MHz	-58.49 dBm	-45.49 dB
860.000 MHz	1.000 GHz	100.000 kHz	928.74126 MHz	-57.56 dBm	-44.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99075 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-41.90 dBm	-28.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-43.10 dBm	-30.10 dB

Date: 6.FEB.2017 15:25:46

Highest Channel / 16QAM



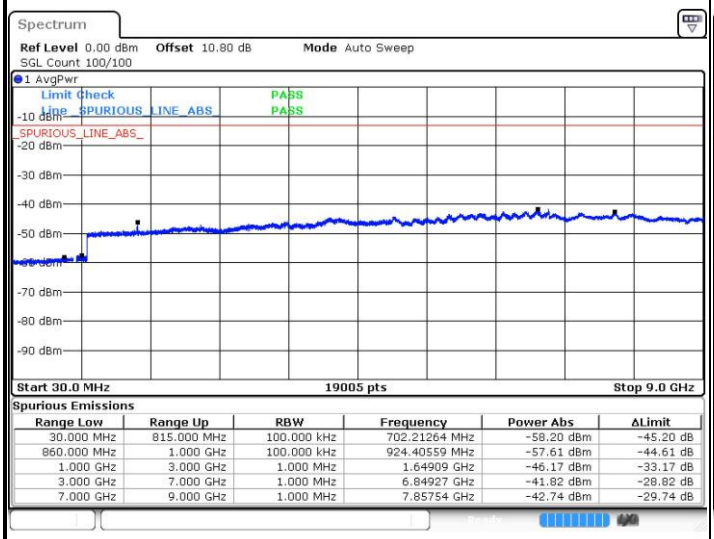
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	675.14368 MHz	-58.60 dBm	-45.60 dB
860.000 MHz	1.000 GHz	100.000 kHz	930.69930 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99475 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85227 GHz	-42.08 dBm	-29.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-43.07 dBm	-30.07 dB

Date: 6.FEB.2017 15:26:40

LTE Band 5 / 3MHz

Lowest Channel / QPSK

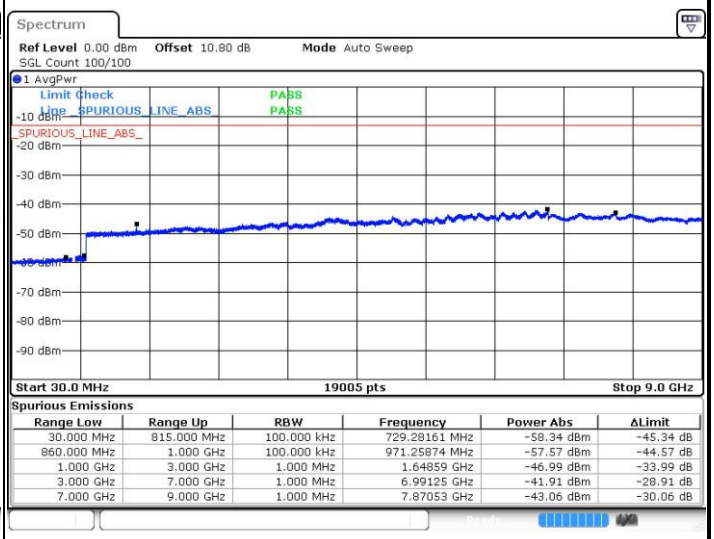


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	702.21264 MHz	-58.20 dBm	-45.20 dB
860.000 MHz	1.000 GHz	100.000 kHz	924.40559 MHz	-57.61 dBm	-44.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.17 dBm	-33.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84927 GHz	-41.82 dBm	-28.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-42.74 dBm	-29.74 dB

Date: 6.FEB.2017 14:12:00

Lowest Channel / 16QAM



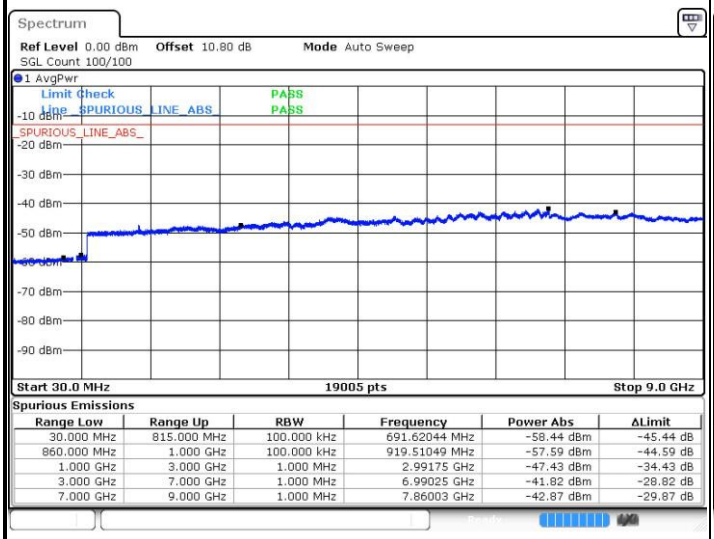
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	729.28161 MHz	-58.34 dBm	-45.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.25874 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-41.91 dBm	-28.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.87053 GHz	-43.06 dBm	-30.06 dB

Date: 6.FEB.2017 14:12:54

LTE Band 5 / 3MHz

Middle Channel / QPSK

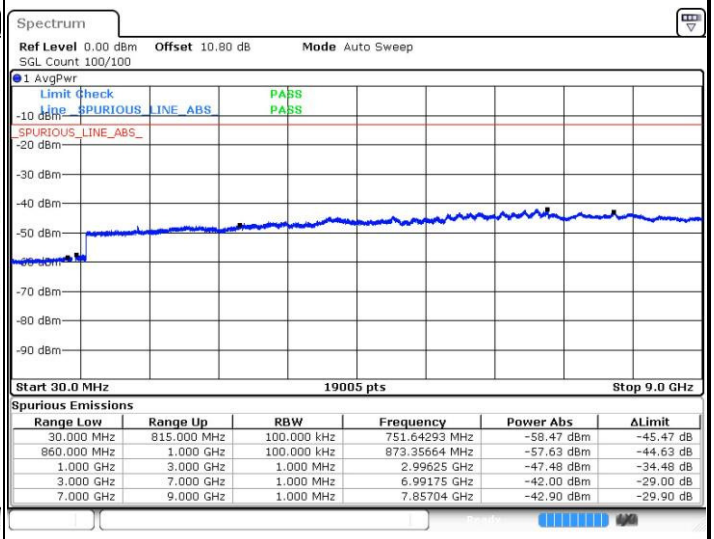


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	691.62044 MHz	-58.44 dBm	-45.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.51049 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99175 GHz	-47.43 dBm	-34.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.82 dBm	-28.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-42.87 dBm	-29.87 dB

Date: 6.FEB.2017 14:14:30

Middle Channel / 16QAM

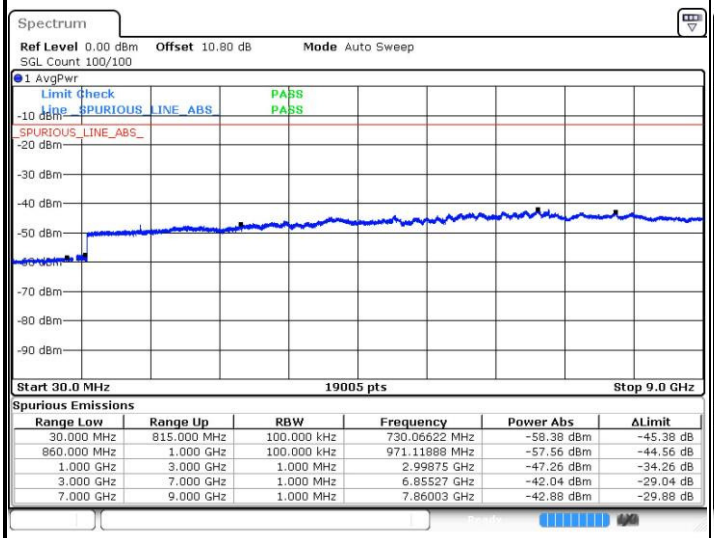


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	751.64293 MHz	-58.47 dBm	-45.47 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.35664 MHz	-57.63 dBm	-44.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99625 GHz	-47.48 dBm	-34.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.00 dBm	-29.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.90 dBm	-29.90 dB

Date: 6.FEB.2017 14:15:24

Highest Channel / QPSK

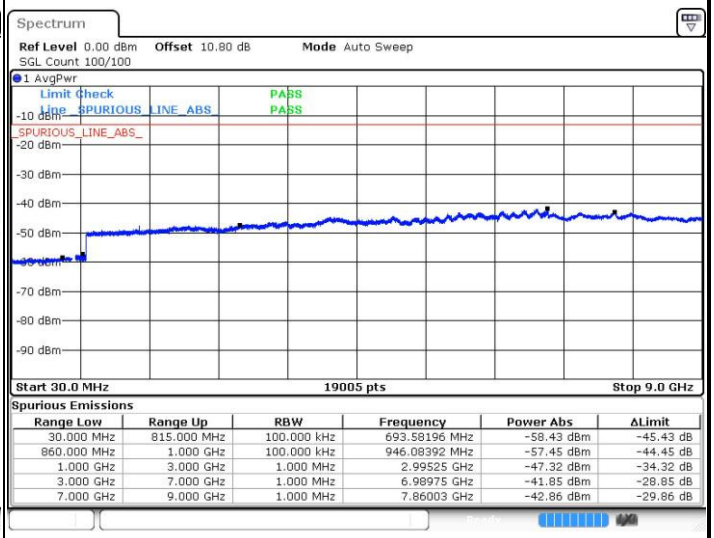


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	730.06622 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.11888 MHz	-57.56 dBm	-44.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99875 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85527 GHz	-42.04 dBm	-29.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-42.88 dBm	-29.88 dB

Date: 6.FEB.2017 14:23:37

Highest Channel / 16QAM



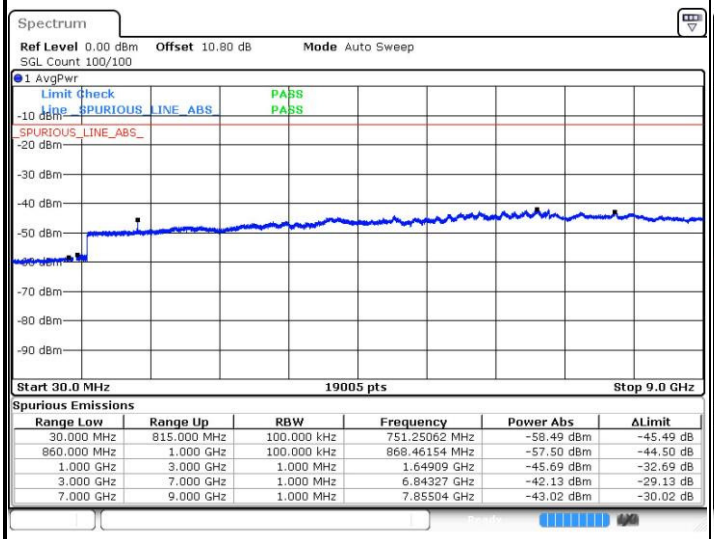
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	693.58196 MHz	-58.43 dBm	-45.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	946.08392 MHz	-57.45 dBm	-44.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.85 dBm	-28.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-42.86 dBm	-29.86 dB

Date: 6.FEB.2017 14:24:31

LTE Band 5 / 5MHz

Lowest Channel / QPSK

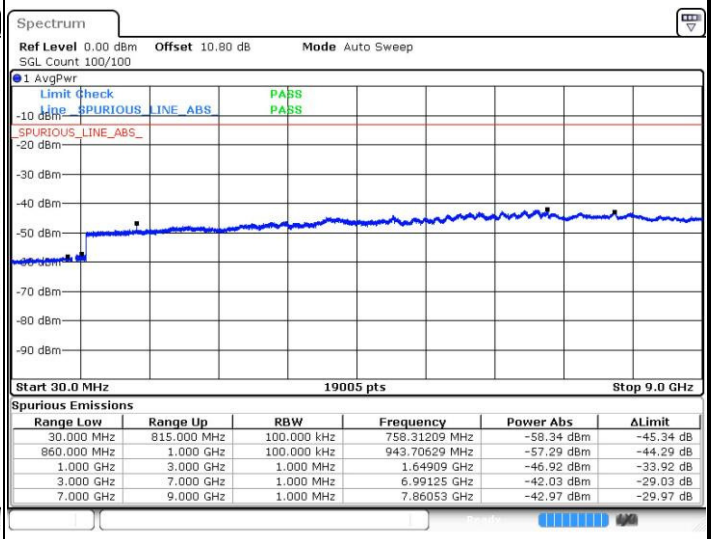


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	751.25062 MHz	-58.49 dBm	-45.49 dB
860.000 MHz	1.000 GHz	100.000 kHz	868.46154 MHz	-57.50 dBm	-44.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.69 dBm	-32.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84327 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-43.02 dBm	-30.02 dB

Date: 6.FEB.2017 14:32:43

Lowest Channel / 16QAM

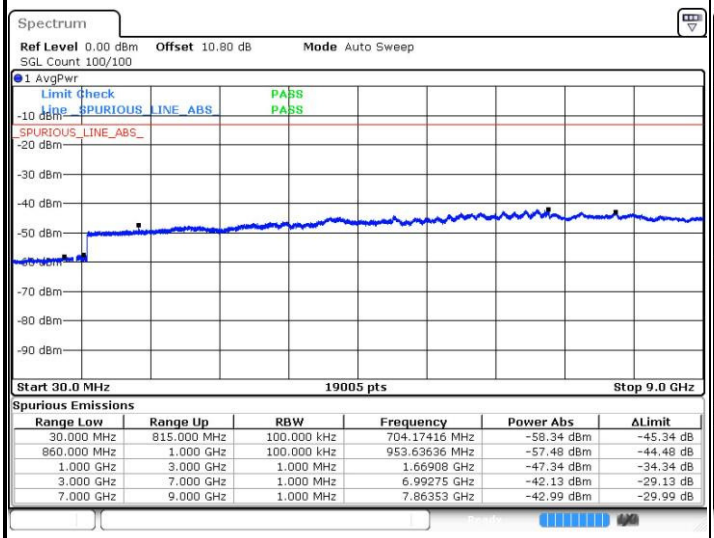


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	758.31209 MHz	-58.34 dBm	-45.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	943.70629 MHz	-57.29 dBm	-44.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.03 dBm	-29.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-42.97 dBm	-29.97 dB

Date: 6.FEB.2017 14:33:37

Middle Channel / QPSK

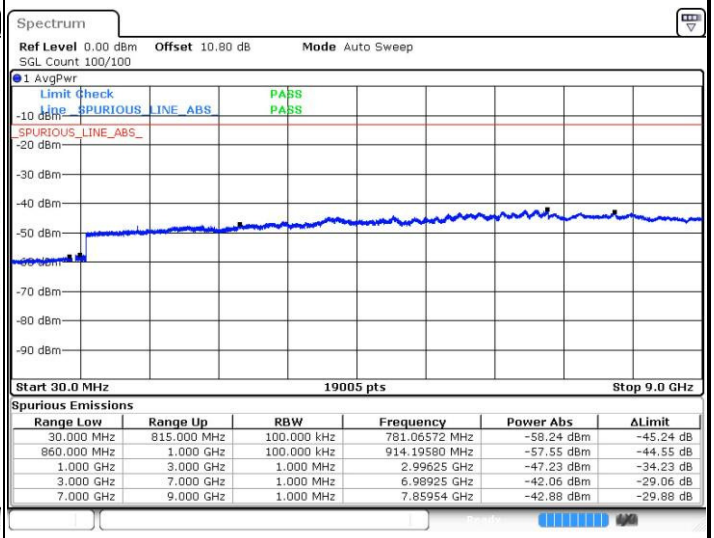


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	704.17416 MHz	-58.34 dBm	-45.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	953.63636 MHz	-57.48 dBm	-44.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-47.34 dBm	-34.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86353 GHz	-42.99 dBm	-29.99 dB

Date: 6.FEB.2017 14:35:13

Middle Channel / 16QAM



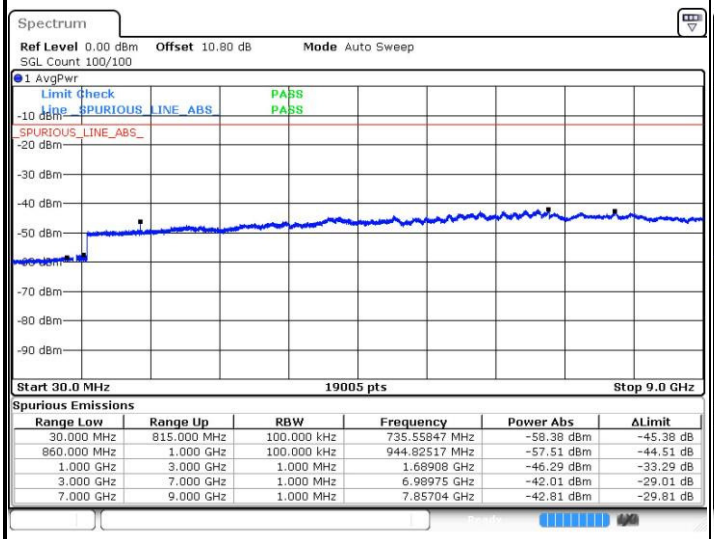
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	781.06572 MHz	-58.24 dBm	-45.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	914.19580 MHz	-57.55 dBm	-44.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99625 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.06 dBm	-29.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-42.88 dBm	-29.88 dB

Date: 6.FEB.2017 14:36:07

LTE Band 5 / 5MHz

Highest Channel / QPSK

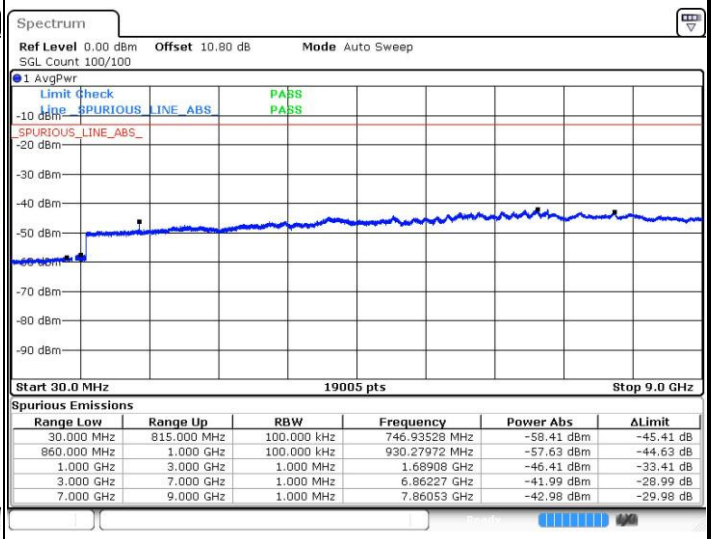


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.55847 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	944.82517 MHz	-57.51 dBm	-44.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.29 dBm	-33.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.81 dBm	-29.81 dB

Date: 6.FEB.2017 14:44:19

Highest Channel / 16QAM



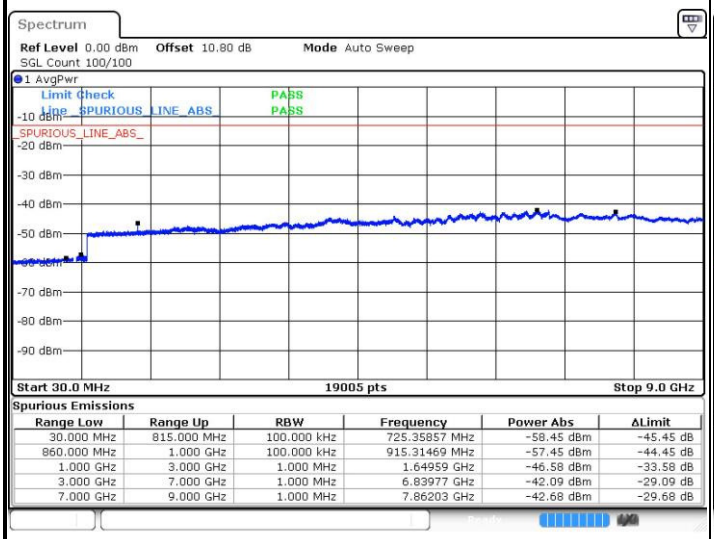
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	746.93528 MHz	-58.41 dBm	-45.41 dB
860.000 MHz	1.000 GHz	100.000 kHz	930.27972 MHz	-57.63 dBm	-44.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.41 dBm	-33.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86227 GHz	-41.99 dBm	-28.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-42.98 dBm	-29.98 dB

Date: 6.FEB.2017 14:45:14

LTE Band 5 / 10MHz

Lowest Channel / QPSK

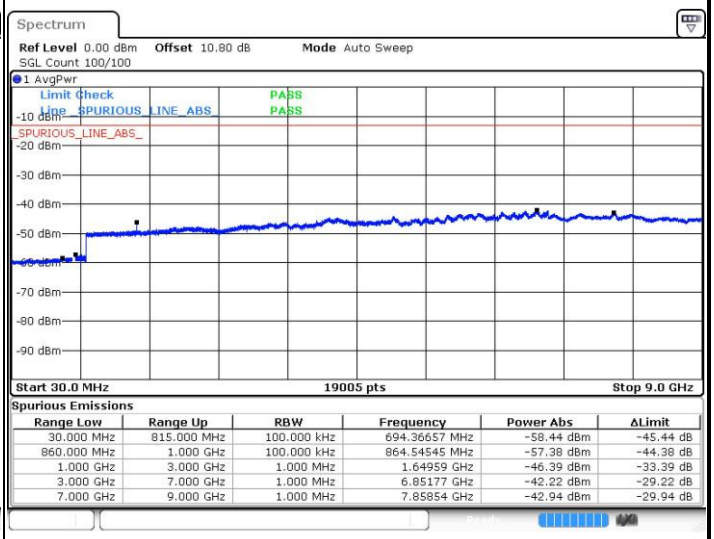


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	725.35857 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	915.31469 MHz	-57.45 dBm	-44.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83977 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-42.68 dBm	-29.68 dB

Date: 6.FEB.2017 14:53:26

Lowest Channel / 16QAM



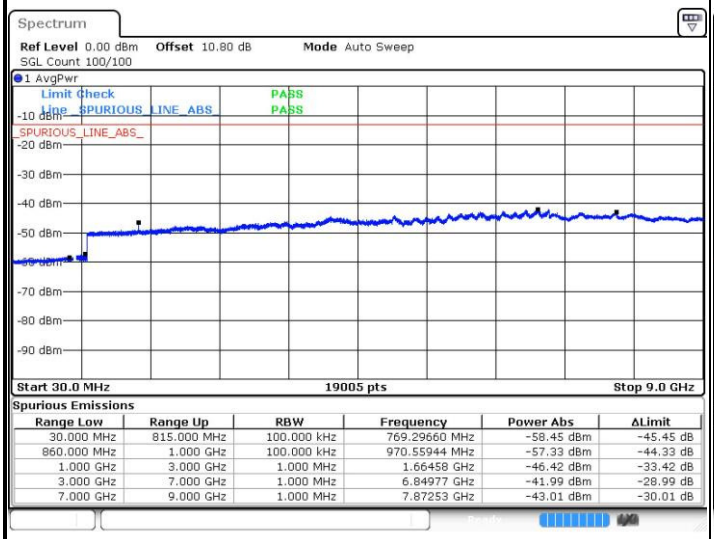
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	694.36657 MHz	-58.44 dBm	-45.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	864.54545 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.39 dBm	-33.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85177 GHz	-42.22 dBm	-29.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-42.94 dBm	-29.94 dB

Date: 6.FEB.2017 14:54:20

LTE Band 5 / 10MHz

Middle Channel / QPSK

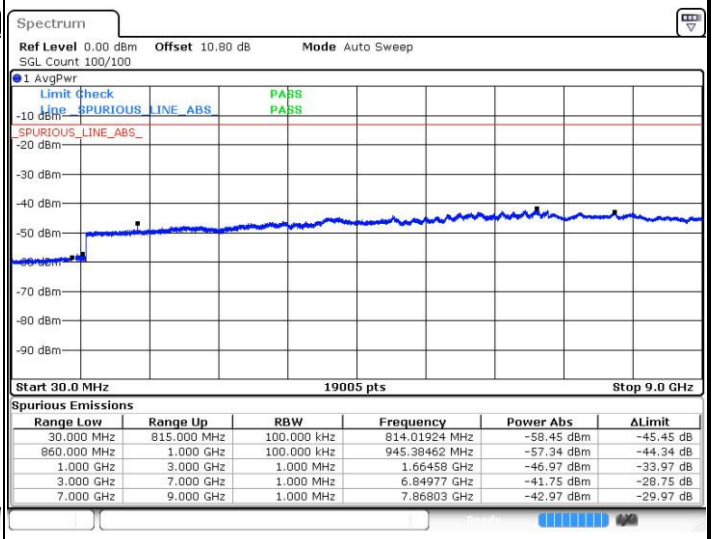


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	769.29660 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	970.55944 MHz	-57.33 dBm	-44.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.42 dBm	-33.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84977 GHz	-41.99 dBm	-28.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.87253 GHz	-43.01 dBm	-30.01 dB

Date: 6.FEB.2017 14:55:56

Middle Channel / 16QAM

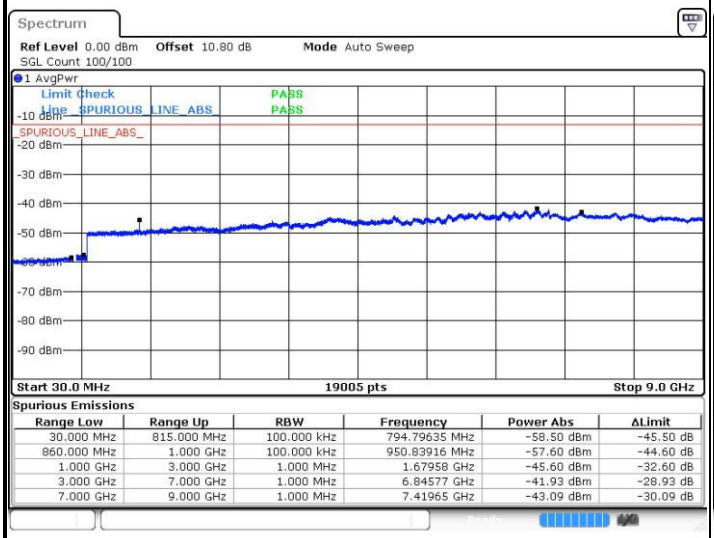


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	945.38462 MHz	-57.34 dBm	-44.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.97 dBm	-33.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84977 GHz	-41.75 dBm	-28.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86803 GHz	-42.97 dBm	-29.97 dB

Date: 6.FEB.2017 14:56:51

Highest Channel / QPSK

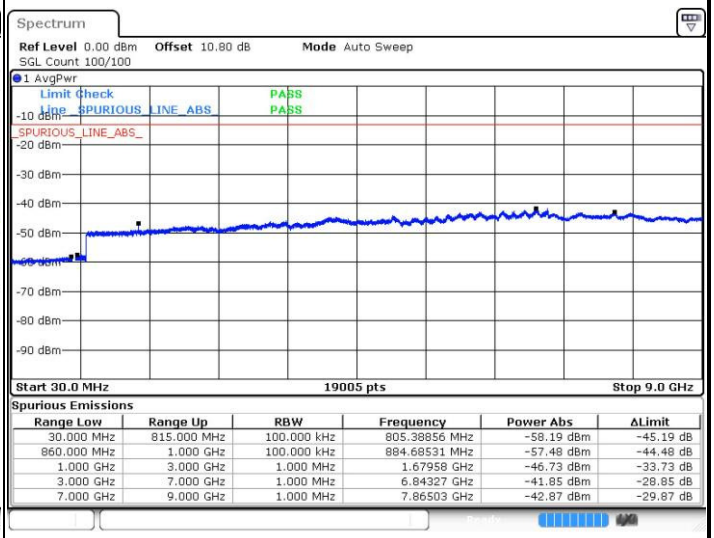


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.79635 MHz	-58.50 dBm	-45.50 dB
860.000 MHz	1.000 GHz	100.000 kHz	950.83916 MHz	-57.60 dBm	-44.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.60 dBm	-32.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84577 GHz	-41.93 dBm	-28.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41965 GHz	-43.09 dBm	-30.09 dB

Date: 6.FEB.2017 15:05:03

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	805.38856 MHz	-58.19 dBm	-45.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	884.68531 MHz	-57.48 dBm	-44.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.73 dBm	-33.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84327 GHz	-41.85 dBm	-28.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86503 GHz	-42.87 dBm	-29.87 dB

Date: 6.FEB.2017 15:05:58

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	0.0072	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0099	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0104	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0074	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0084	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 7

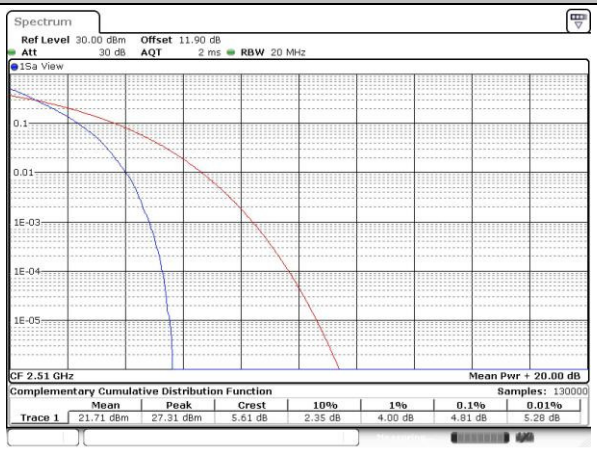
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.3	4.81	4.17	5.65	PASS
Middle CH	3.68	4.84	4.9	5.65	
Highest CH	3.68	4.84	4.87	5.77	

LTE Band 7 / 20MHz / QPSK

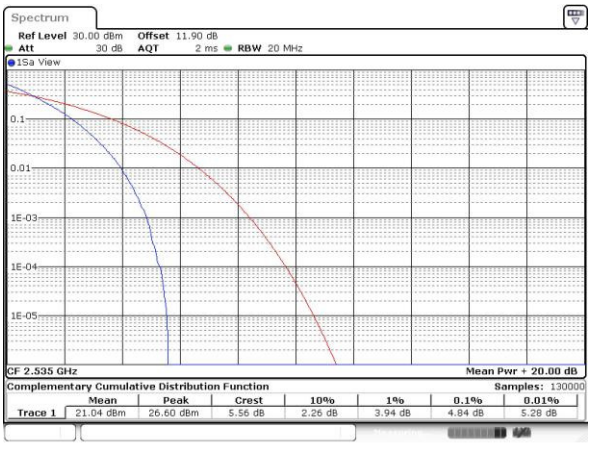
Lowest Channel / 1RB

Lowest Channel / Full RB

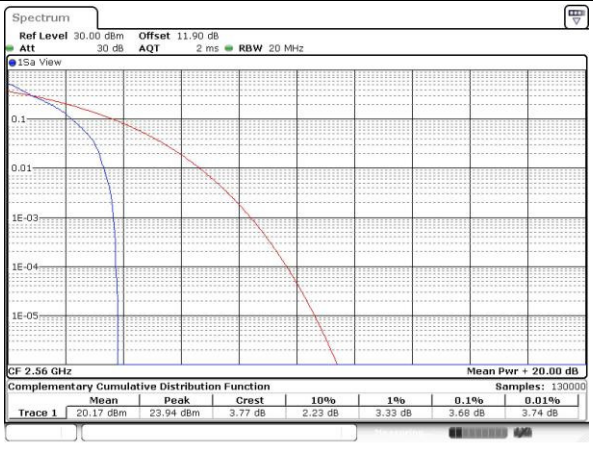


Middle Channel / 1RB

Middle Channel / Full RB



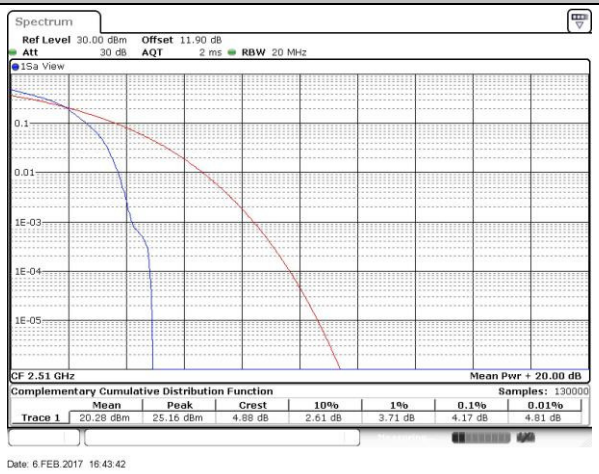
Highest Channel / 1RB



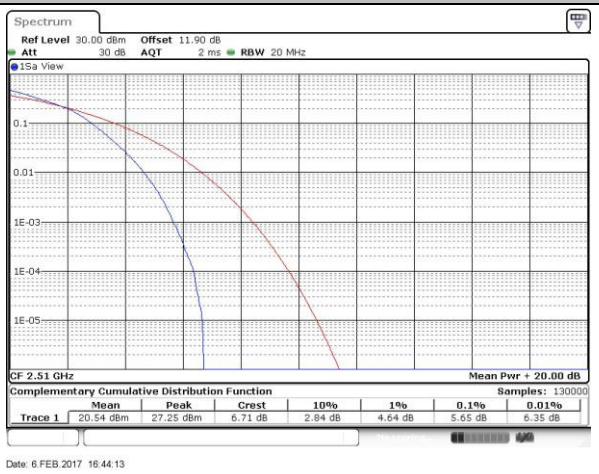
Highest Channel / Full RB

LTE Band 7 / 20MHz / 16QAM

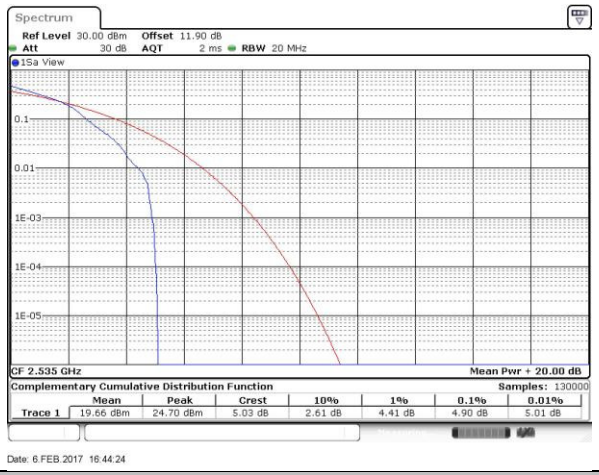
Lowest Channel / 1RB



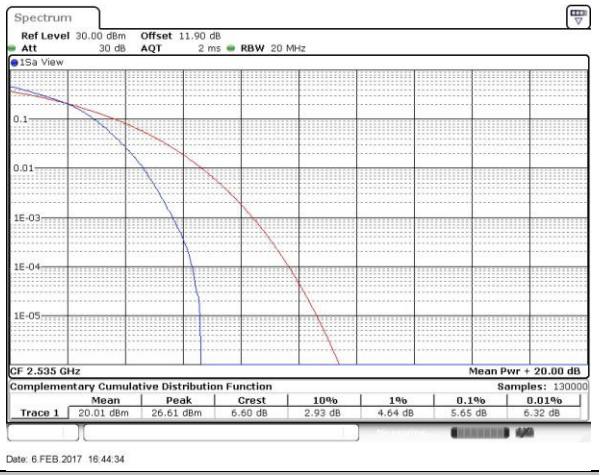
Lowest Channel / Full RB



Middle Channel / 1RB

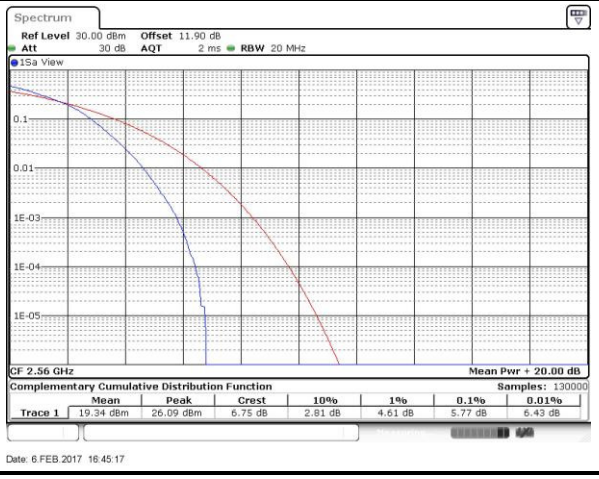


Middle Channel / Full RB



Highest Channel / 1RB

Highest Channel / Full RB

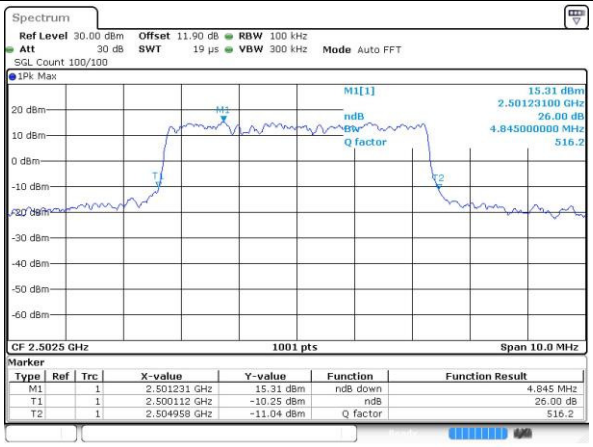


26dB Bandwidth

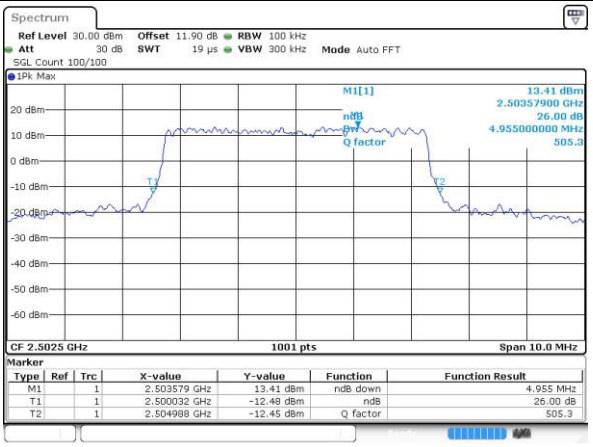
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.85	4.96	9.71	10.05	14.27	14.42	20.30	20.26
Middle CH	-	-	-	-	4.94	4.91	9.95	9.87	14.45	14.36	20.14	20.22
Highest CH	-	-	-	-	5.06	5.01	9.95	9.85	14.51	14.18	20.30	20.14

LTE Band 7

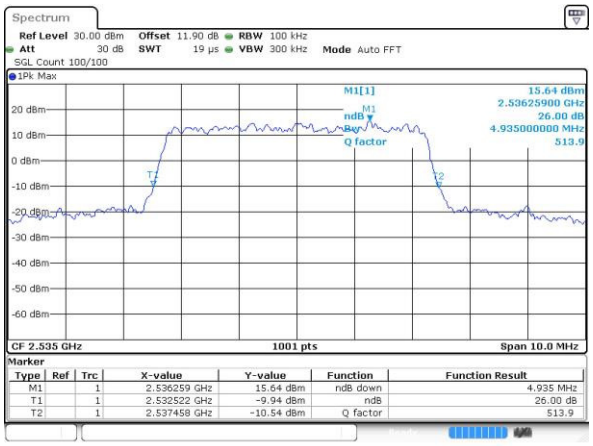
Lowest Channel / 5MHz / QPSK



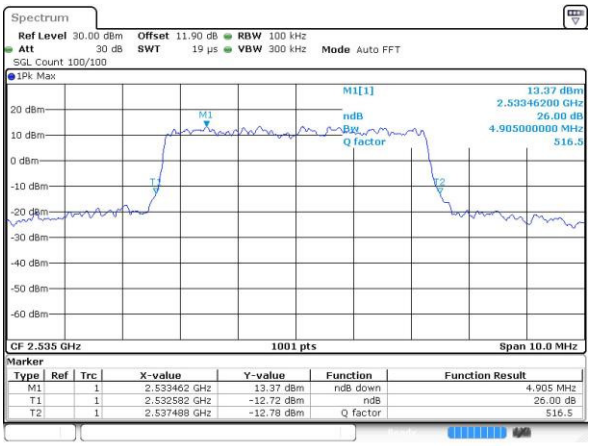
Lowest Channel / 5MHz / 16QAM



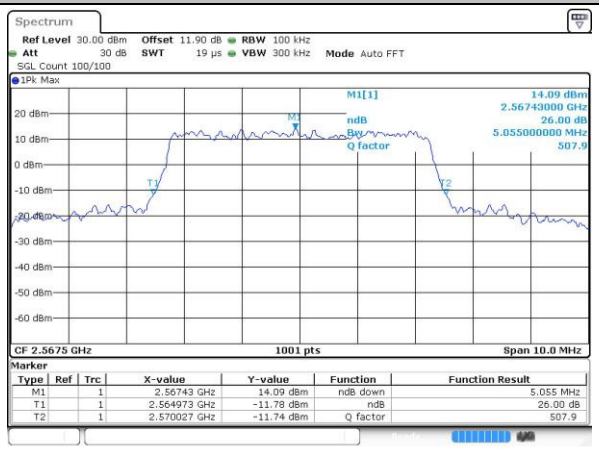
Middle Channel / 5MHz / QPSK



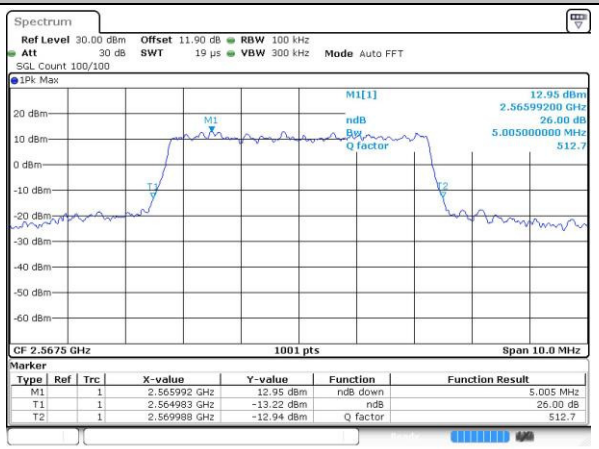
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

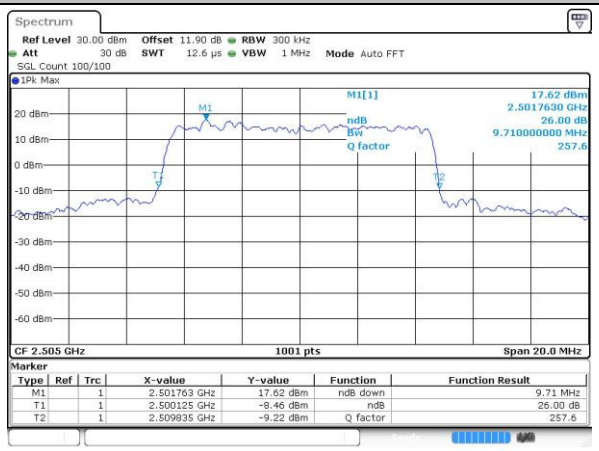


Highest Channel / 5MHz / 16QAM

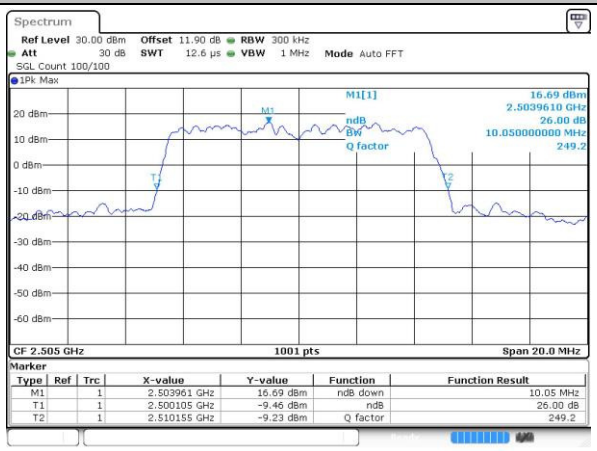


LTE Band 7

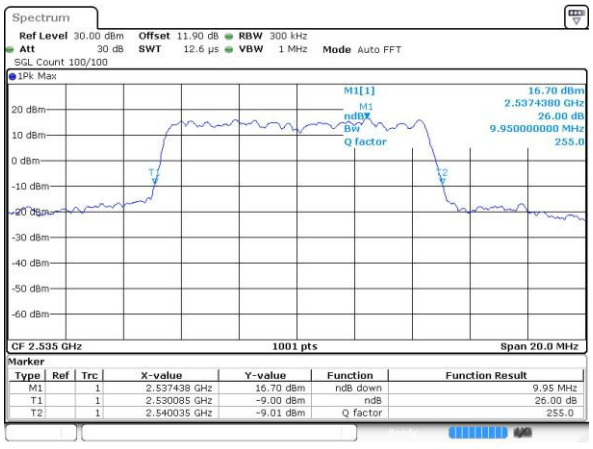
Lowest Channel / 10MHz / QPSK



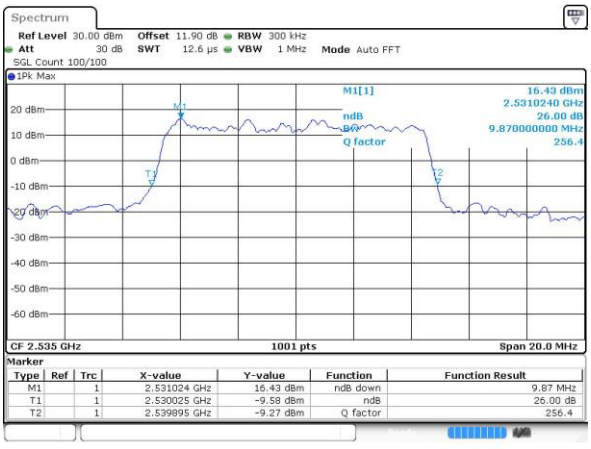
Lowest Channel / 10MHz / 16QAM



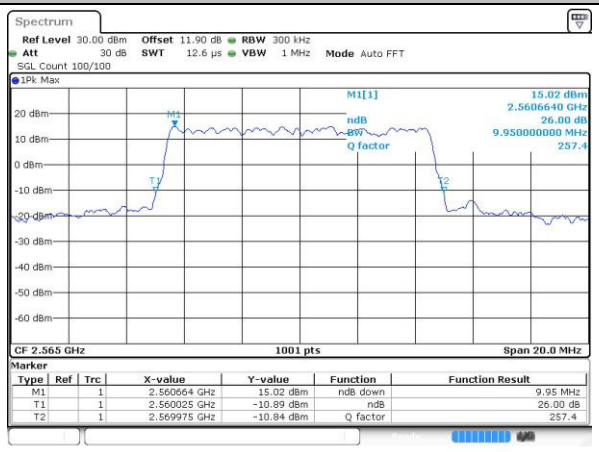
Middle Channel / 10MHz / QPSK



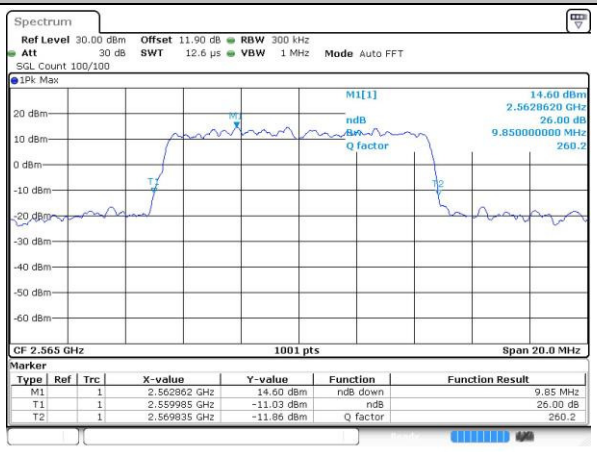
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

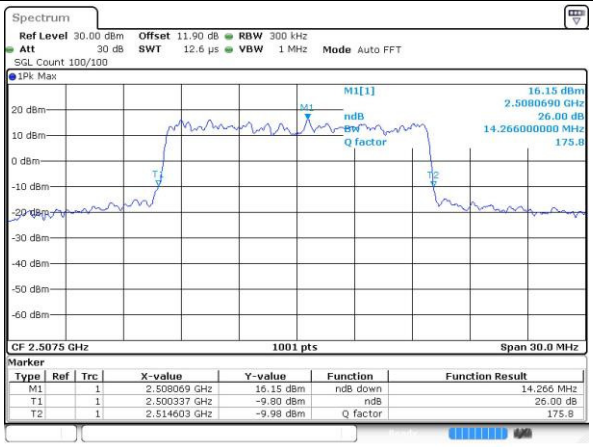


Highest Channel / 10MHz / 16QAM

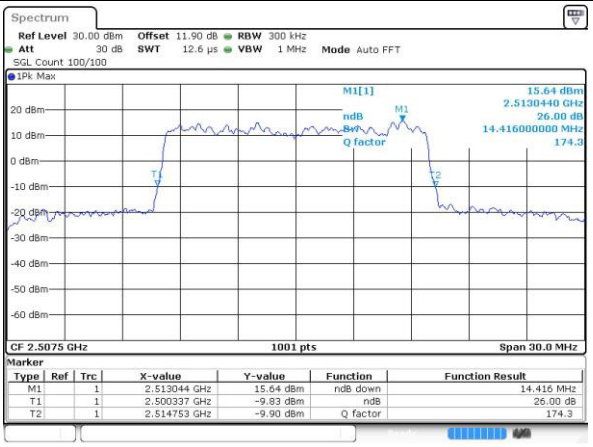


LTE Band 7

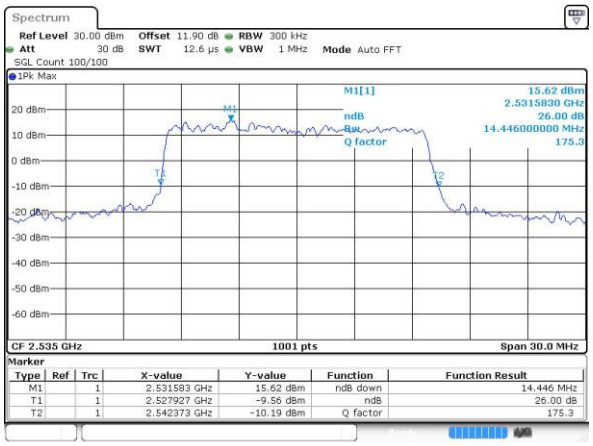
Lowest Channel / 15MHz / QPSK



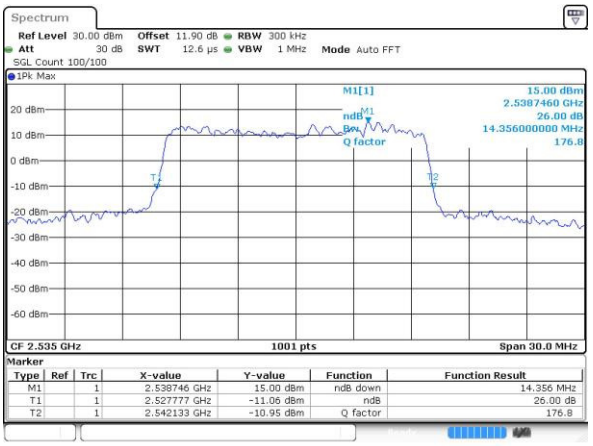
Lowest Channel / 15MHz / 16QAM



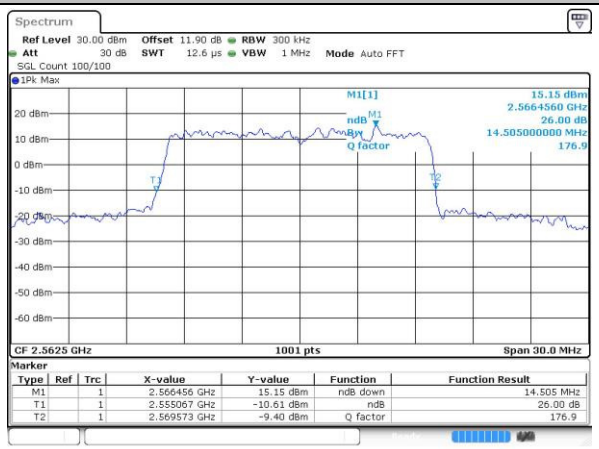
Middle Channel / 15MHz / QPSK



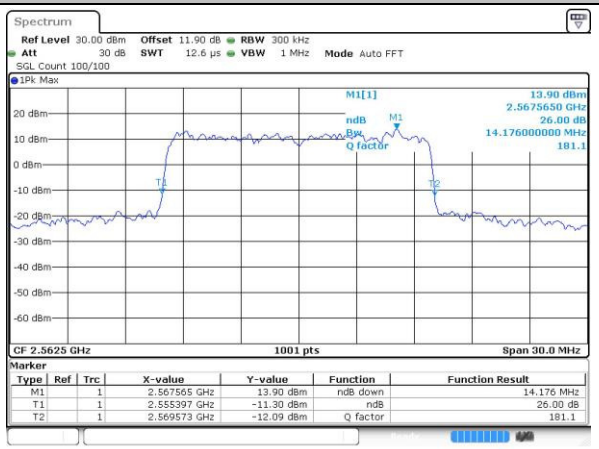
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

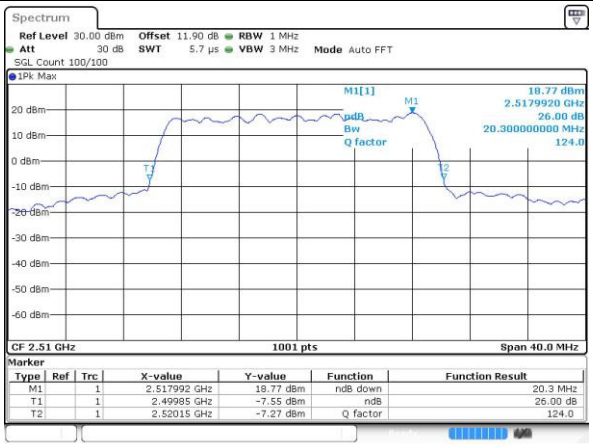


Highest Channel / 15MHz / 16QAM

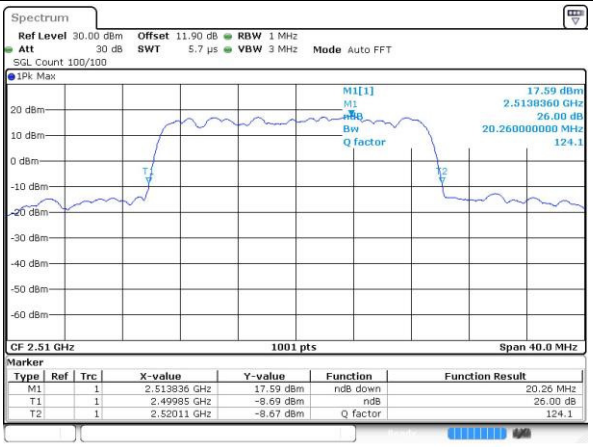


LTE Band 7

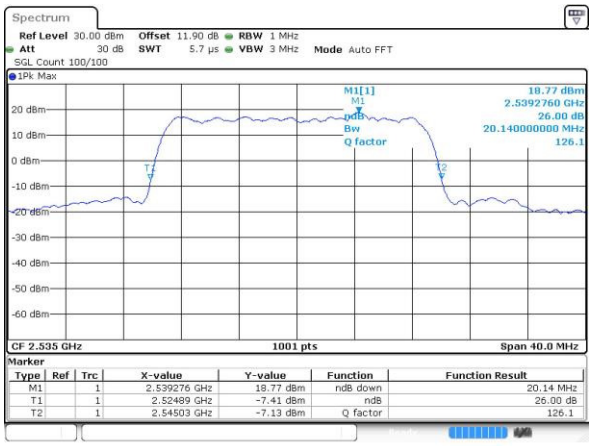
Lowest Channel / 20MHz / QPSK



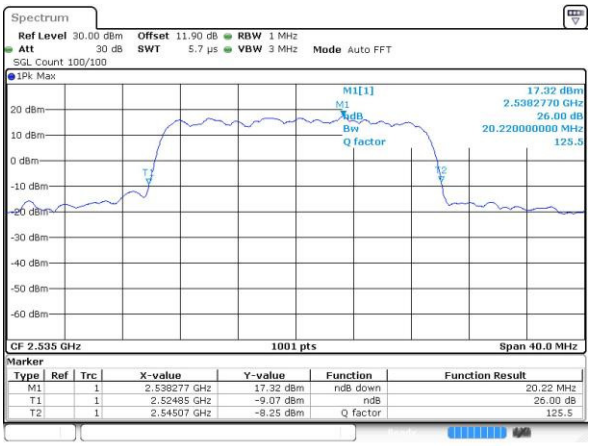
Lowest Channel / 20MHz / 16QAM



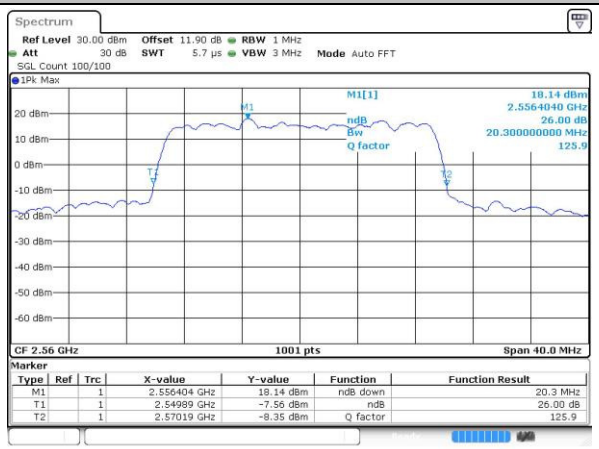
Middle Channel / 20MHz / QPSK



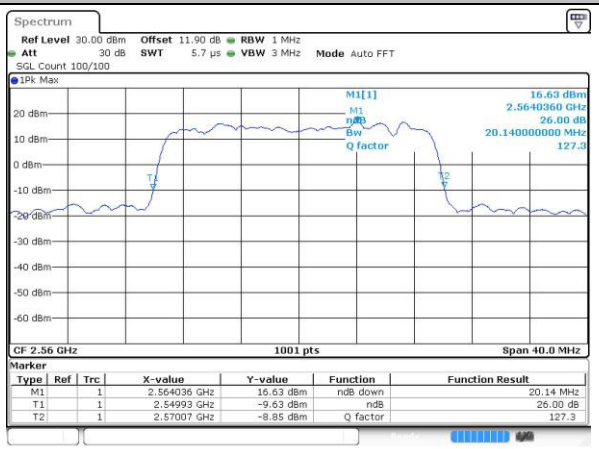
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

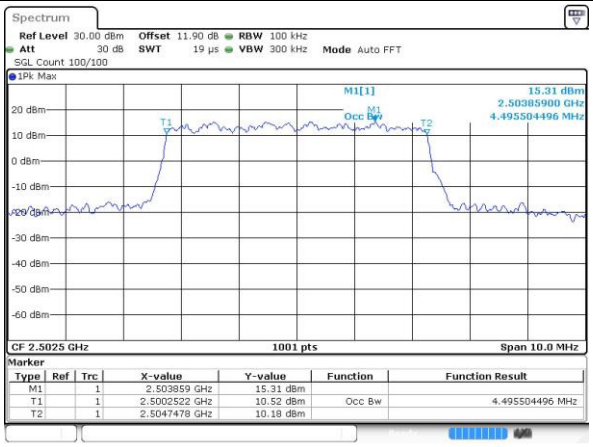


Occupied Bandwidth

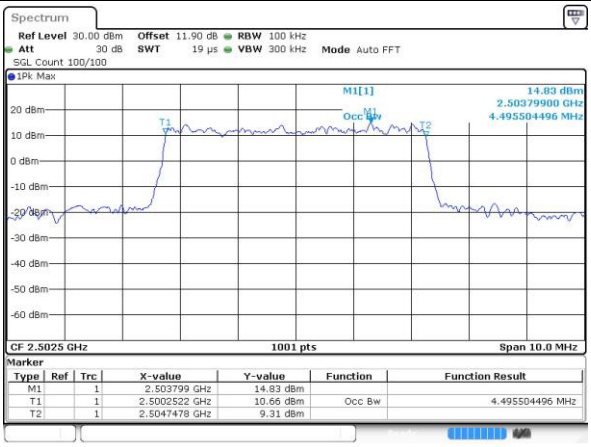
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.5	9.07	9.03	13.46	13.49	18.54	18.5
Middle CH	-	-	-	-	4.5	4.5	8.99	9.03	13.49	13.46	18.38	18.54
Highest CH	-	-	-	-	4.48	4.52	9.11	9.01	13.43	13.46	18.5	18.54

LTE Band 7

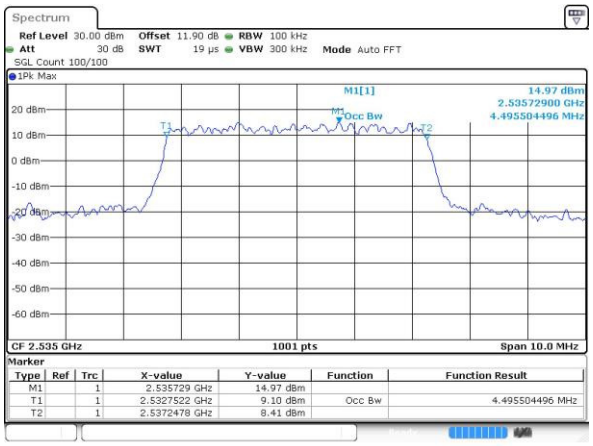
Lowest Channel / 5MHz / QPSK



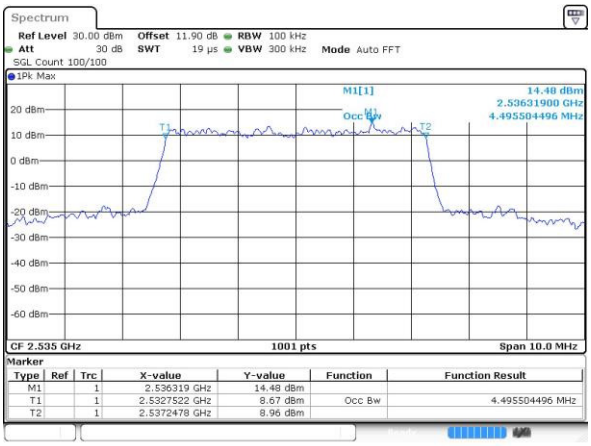
Lowest Channel / 5MHz / 16QAM



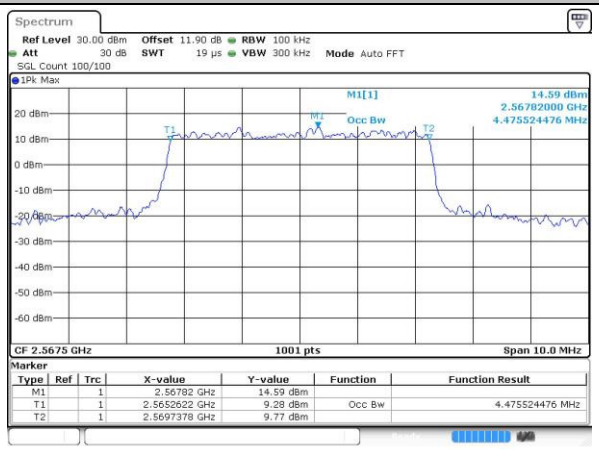
Middle Channel / 5MHz / QPSK



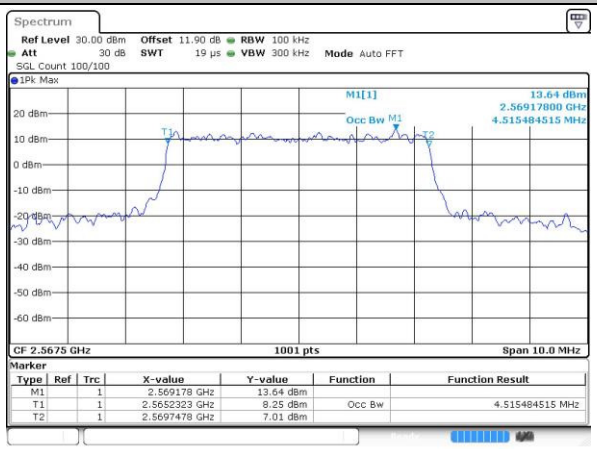
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

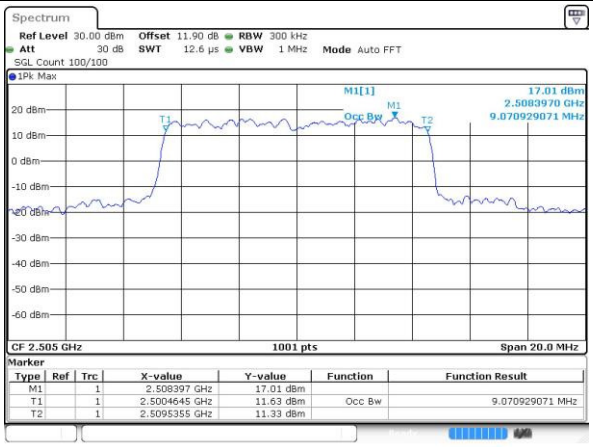


Highest Channel / 5MHz / 16QAM

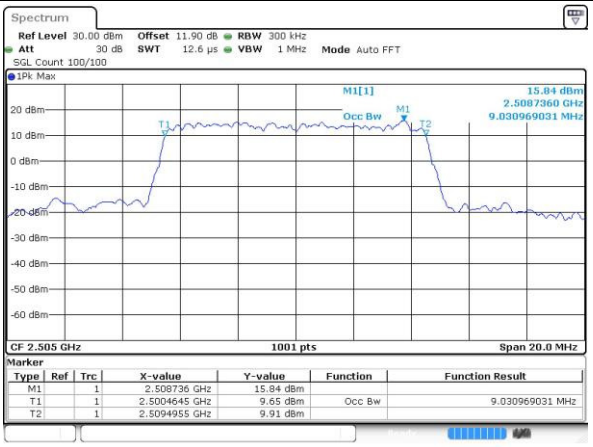


LTE Band 7

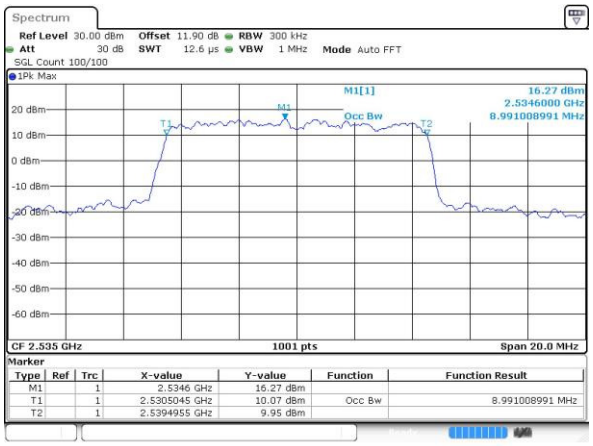
Lowest Channel / 10MHz / QPSK



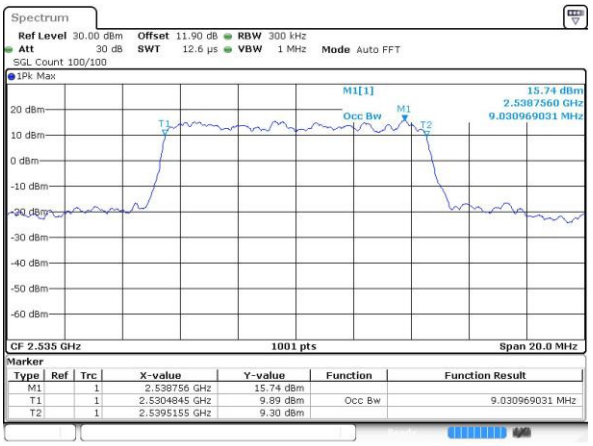
Lowest Channel / 10MHz / 16QAM



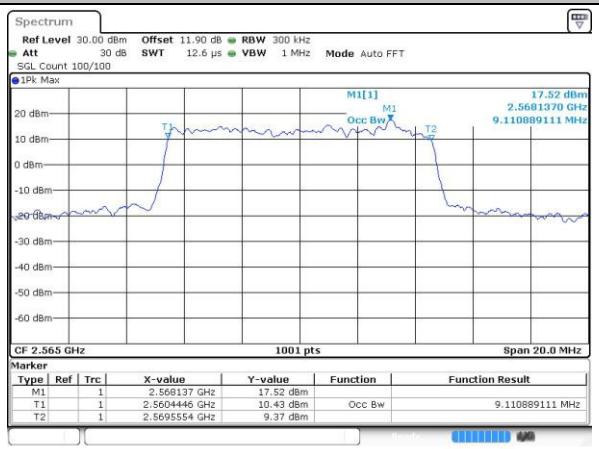
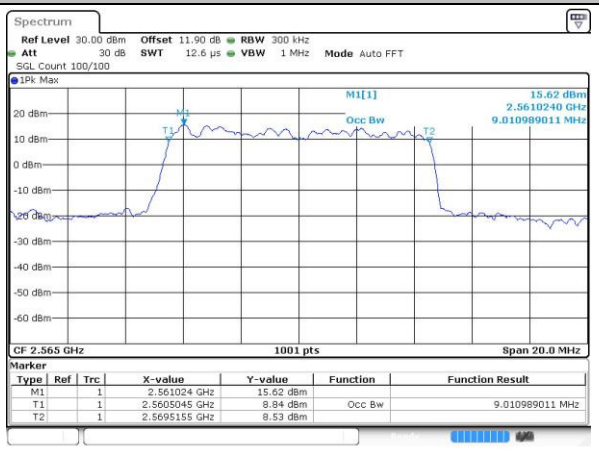
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM