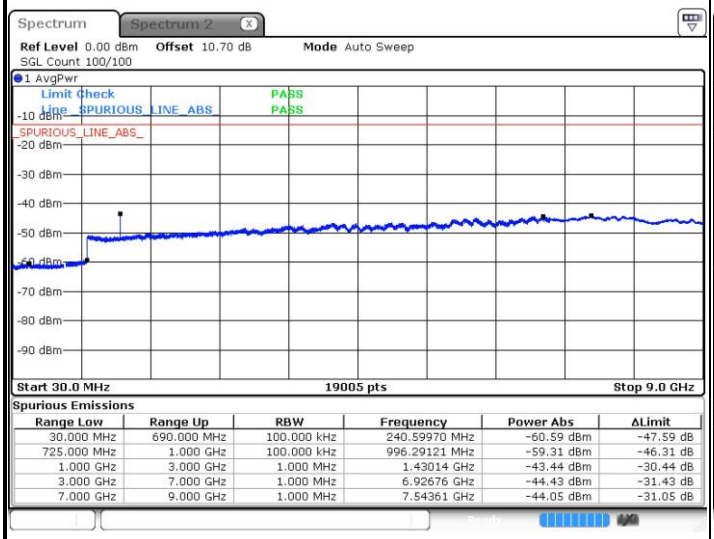
LTE Band 12 / 1.4MHz

Highest Channel / QPSK

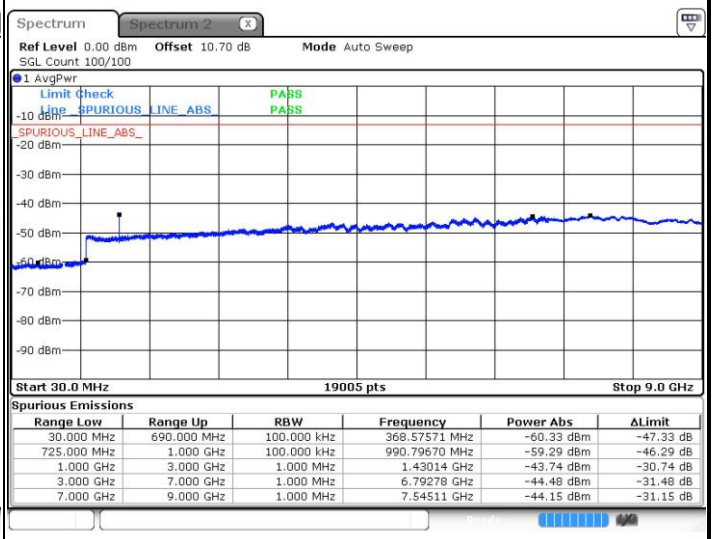


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	240.59970 MHz	-60.59 dBm	-47.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	996.29121 MHz	-59.31 dBm	-46.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-43.44 dBm	-30.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92676 GHz	-44.43 dBm	-31.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54361 GHz	-44.05 dBm	-31.05 dB

Date: 31.OCT.2018 23:56:57

Highest Channel / 16QAM



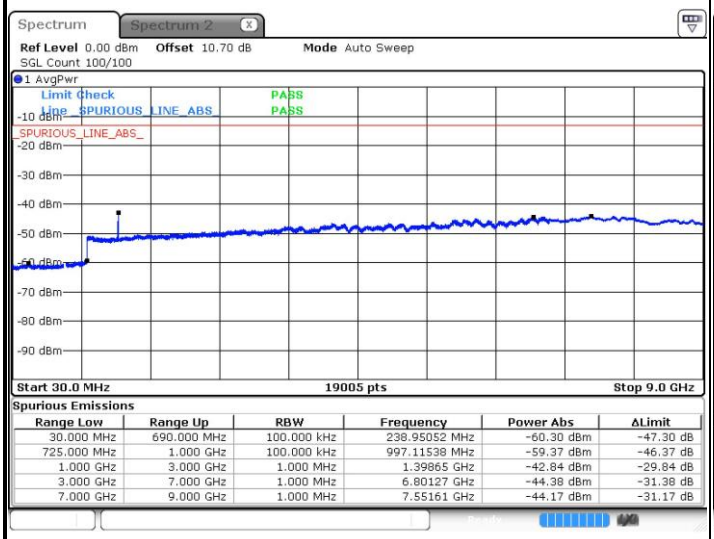
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	368.57571 MHz	-60.33 dBm	-47.33 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.79670 MHz	-59.29 dBm	-46.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-43.74 dBm	-30.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79278 GHz	-44.48 dBm	-31.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54511 GHz	-44.15 dBm	-31.15 dB

Date: 31.OCT.2018 23:57:47

LTE Band 12 / 3MHz

Lowest Channel / QPSK

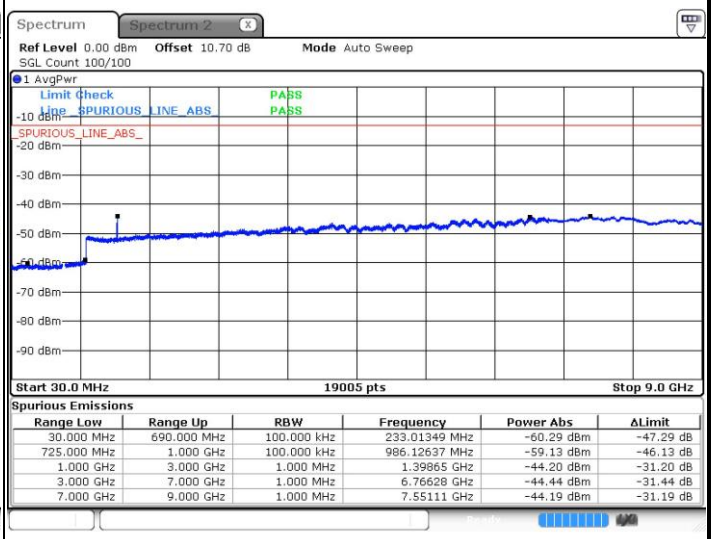


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	238.95052 MHz	-60.30 dBm	-47.30 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.11538 MHz	-59.37 dBm	-46.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-42.84 dBm	-29.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80127 GHz	-44.38 dBm	-31.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55161 GHz	-44.17 dBm	-31.17 dB

Date: 31.OCT.2018 22:57:18

Lowest Channel / 16QAM



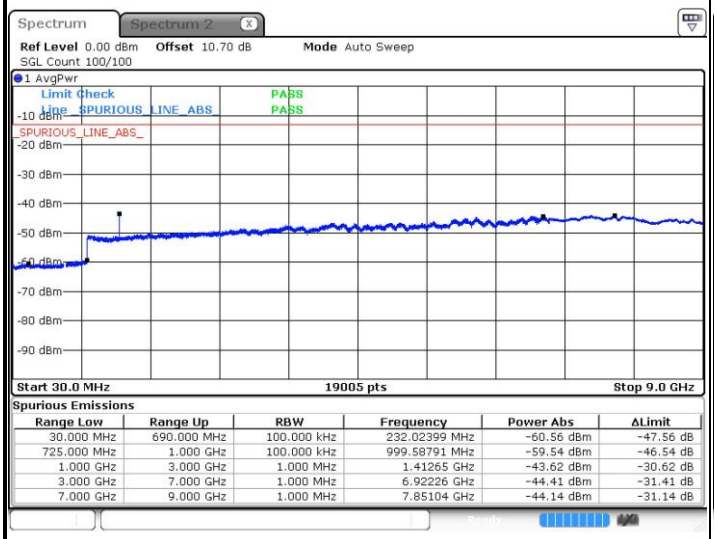
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	233.01349 MHz	-60.29 dBm	-47.29 dB
725.000 MHz	1.000 GHz	100.000 kHz	986.12637 MHz	-59.13 dBm	-46.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.20 dBm	-31.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76628 GHz	-44.44 dBm	-31.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-44.19 dBm	-31.19 dB

Date: 31.OCT.2018 22:58:09

LTE Band 12 / 3MHz

Middle Channel / QPSK

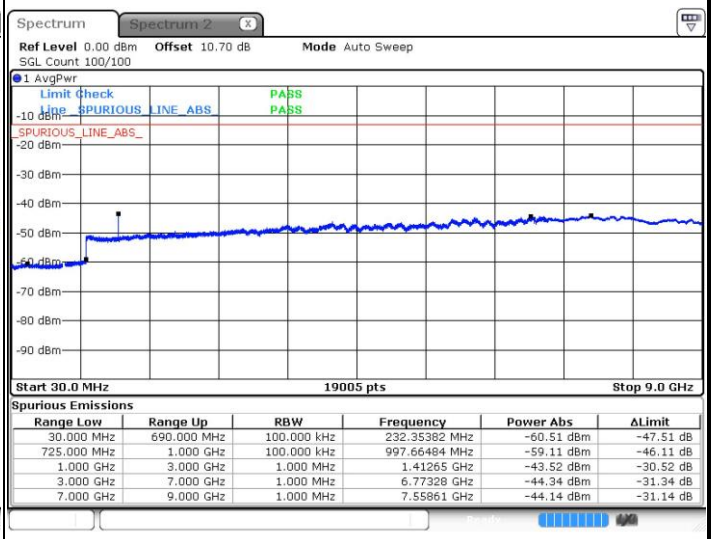


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	232.02399 MHz	-60.56 dBm	-47.56 dB
725.000 MHz	1.000 GHz	100.000 kHz	999.58791 MHz	-59.54 dBm	-46.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-43.62 dBm	-30.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-44.41 dBm	-31.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85104 GHz	-44.14 dBm	-31.14 dB

Date: 31.OCT.2018 23:00:35

Middle Channel / 16QAM

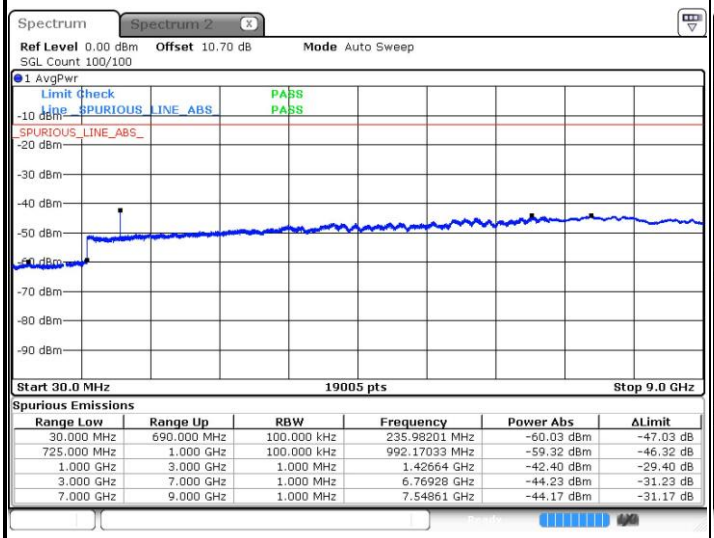


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	232.35382 MHz	-60.51 dBm	-47.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.66484 MHz	-59.11 dBm	-46.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-43.52 dBm	-30.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77328 GHz	-44.34 dBm	-31.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55861 GHz	-44.14 dBm	-31.14 dB

Date: 31.OCT.2018 22:59:45

Highest Channel / QPSK

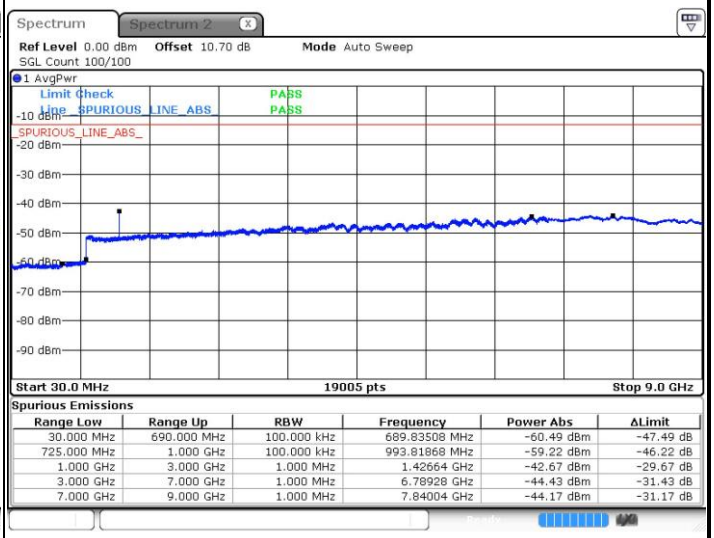


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	235.98201 MHz	-60.03 dBm	-47.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	992.17033 MHz	-59.32 dBm	-46.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-42.40 dBm	-29.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76928 GHz	-44.23 dBm	-31.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54861 GHz	-44.17 dBm	-31.17 dB

Date: 31.OCT.2018 23:06:52

Highest Channel / 16QAM



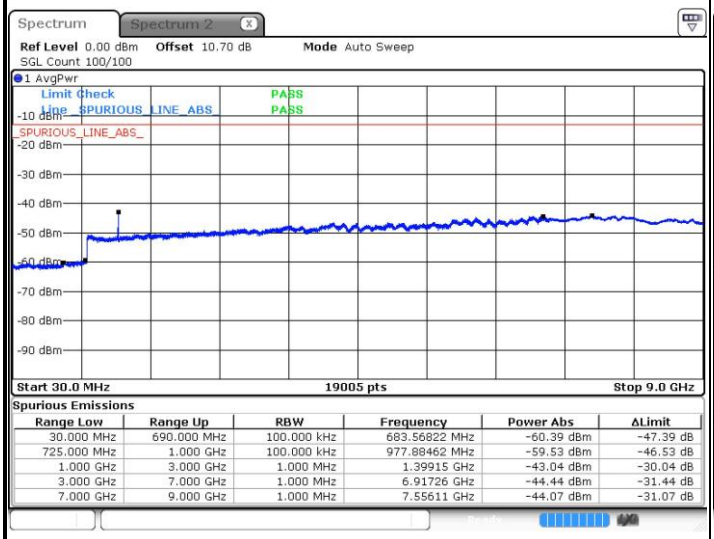
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-60.49 dBm	-47.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	993.81868 MHz	-59.22 dBm	-46.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-42.67 dBm	-29.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78928 GHz	-44.43 dBm	-31.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.84004 GHz	-44.17 dBm	-31.17 dB

Date: 31.OCT.2018 23:07:43

LTE Band 12 / 5MHz

Lowest Channel / QPSK

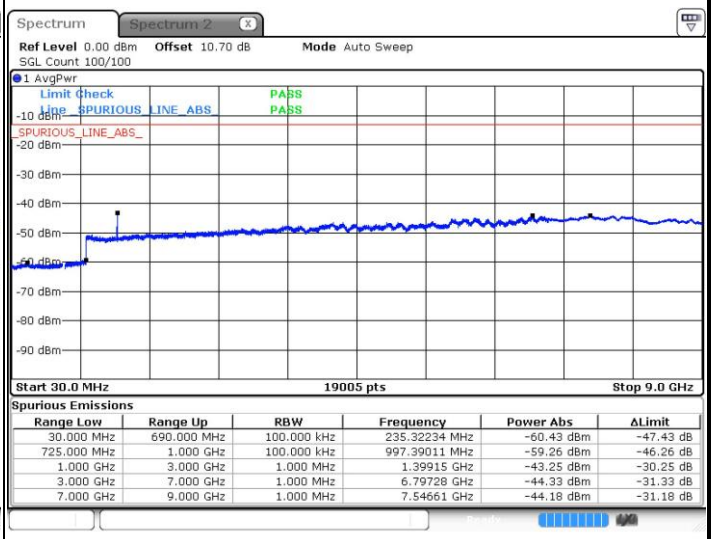


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.56822 MHz	-60.39 dBm	-47.39 dB
725.000 MHz	1.000 GHz	100.000 kHz	977.88462 MHz	-59.53 dBm	-46.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-43.04 dBm	-30.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91726 GHz	-44.44 dBm	-31.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55611 GHz	-44.07 dBm	-31.07 dB

Date: 31.OCT.2018 23:14:00

Lowest Channel / 16QAM

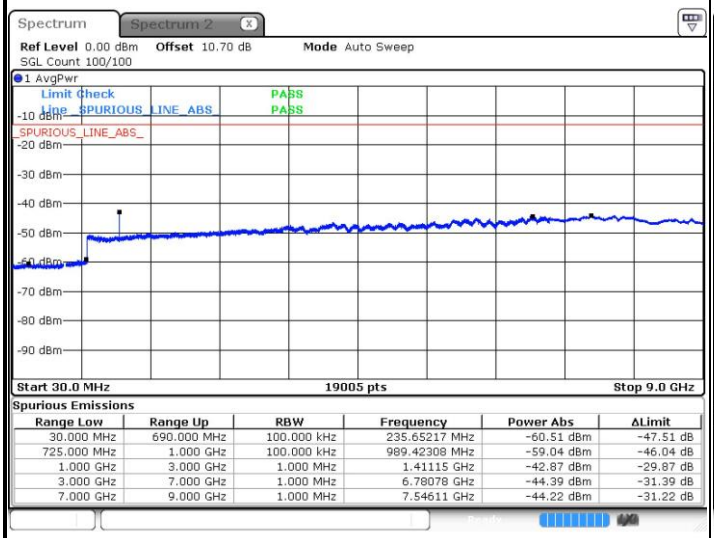


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	235.32234 MHz	-60.43 dBm	-47.43 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.39011 MHz	-59.26 dBm	-46.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-43.25 dBm	-30.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79728 GHz	-44.33 dBm	-31.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54661 GHz	-44.18 dBm	-31.18 dB

Date: 31.OCT.2018 23:14:50

Middle Channel / QPSK

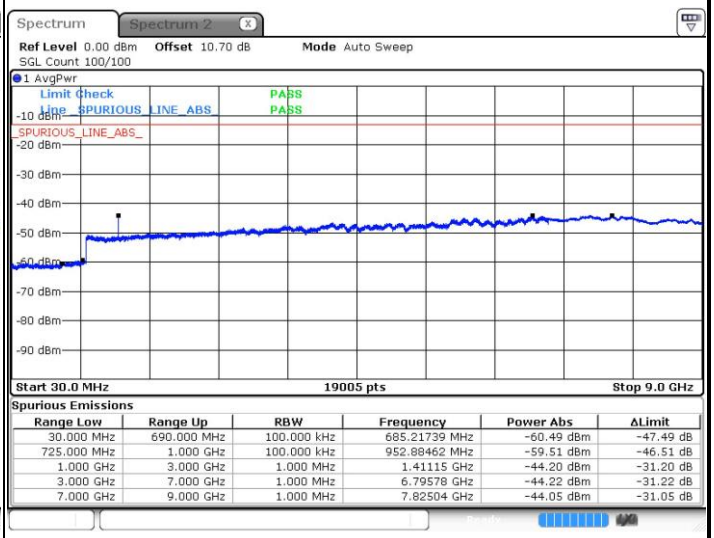


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	235.65217 MHz	-60.51 dBm	-47.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	989.42308 MHz	-59.04 dBm	-46.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-42.87 dBm	-29.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78078 GHz	-44.39 dBm	-31.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-44.22 dBm	-31.22 dB

Date: 31.OCT.2018 23:17:16

Middle Channel / 16QAM



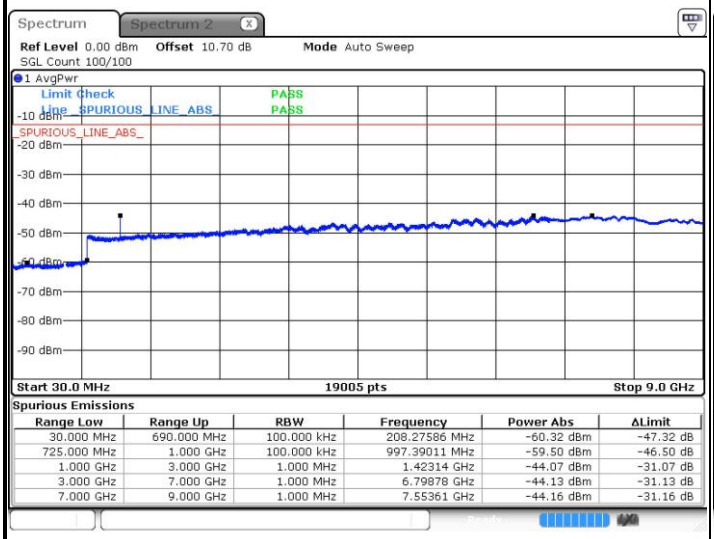
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.21739 MHz	-60.49 dBm	-47.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	952.88462 MHz	-59.51 dBm	-46.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-44.20 dBm	-31.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79578 GHz	-44.22 dBm	-31.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.82504 GHz	-44.05 dBm	-31.05 dB

Date: 31.OCT.2018 23:16:26

LTE Band 12 / 5MHz

Highest Channel / QPSK

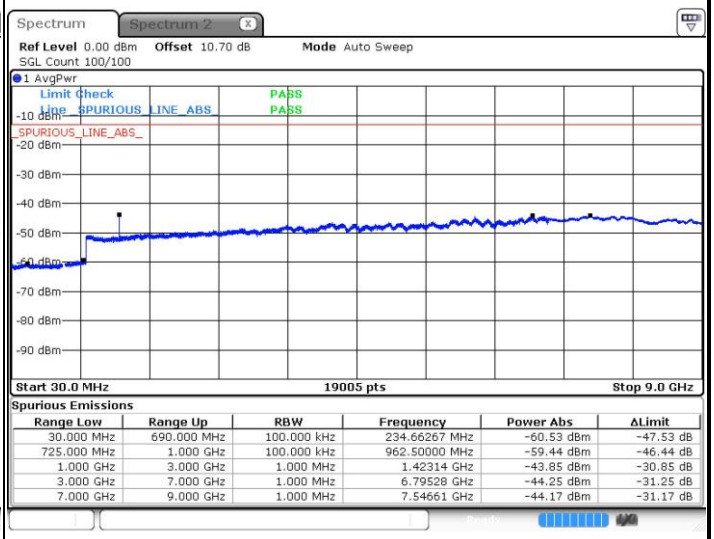


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	208.27586 MHz	-60.32 dBm	-47.32 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.39011 MHz	-59.50 dBm	-46.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-44.07 dBm	-31.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-44.13 dBm	-31.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55361 GHz	-44.16 dBm	-31.16 dB

Date: 31.OCT.2018 23:24:24

Highest Channel / 16QAM



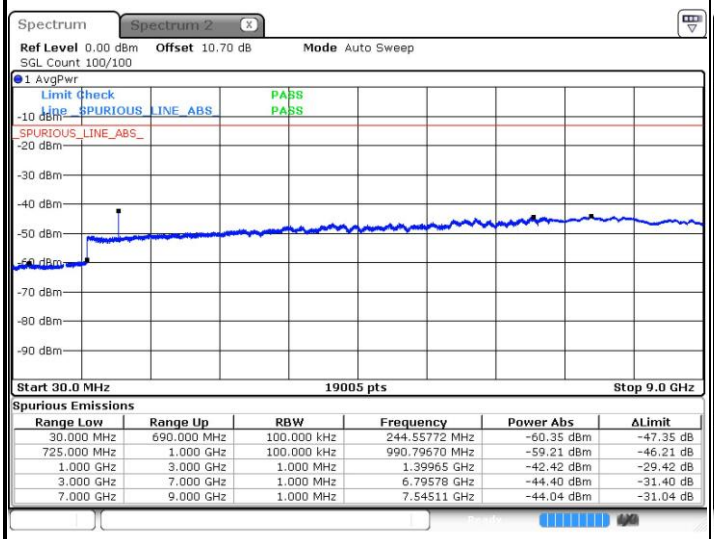
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	234.66267 MHz	-60.53 dBm	-47.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	962.50000 MHz	-59.44 dBm	-46.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-43.85 dBm	-30.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79528 GHz	-44.25 dBm	-31.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54661 GHz	-44.17 dBm	-31.17 dB

Date: 31.OCT.2018 23:23:33

LTE Band 12 / 10MHz

Lowest Channel / QPSK

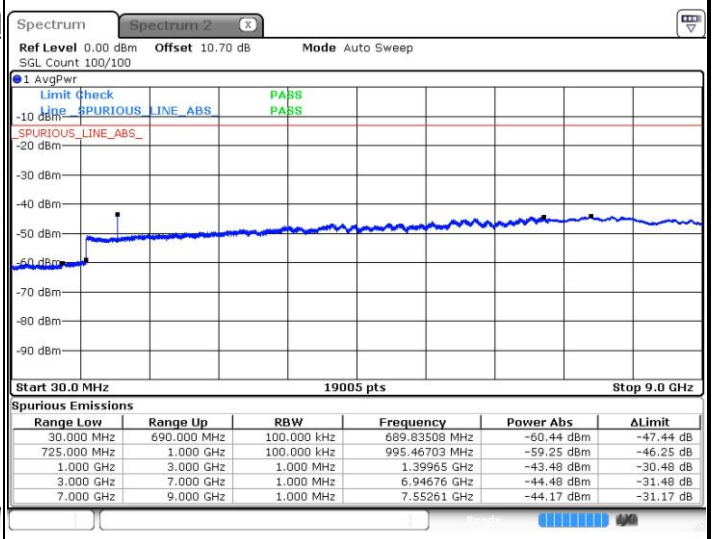


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	244.55772 MHz	-60.35 dBm	-47.35 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.79670 MHz	-59.21 dBm	-46.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-42.42 dBm	-29.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79578 GHz	-44.40 dBm	-31.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54511 GHz	-44.04 dBm	-31.04 dB

Date: 31.OCT.2018 23:30:41

Lowest Channel / 16QAM



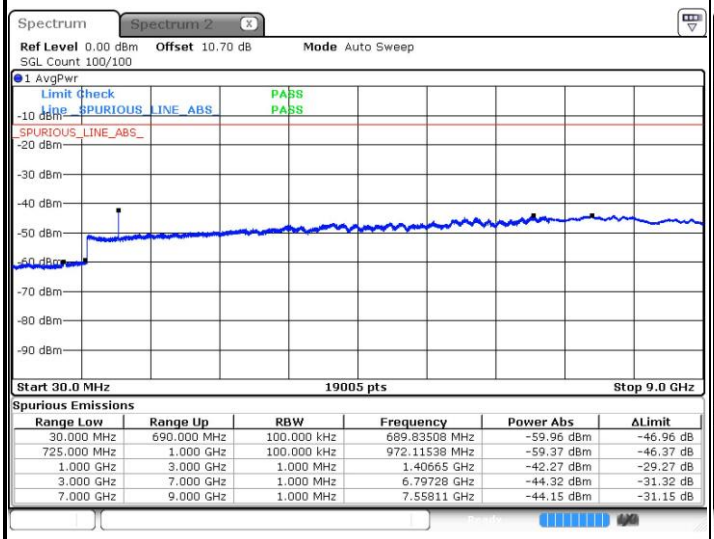
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-60.44 dBm	-47.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.46703 MHz	-59.25 dBm	-46.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-43.48 dBm	-30.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94676 GHz	-44.48 dBm	-31.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55261 GHz	-44.17 dBm	-31.17 dB

Date: 31.OCT.2018 23:31:31

LTE Band 12 / 10MHz

Middle Channel / QPSK

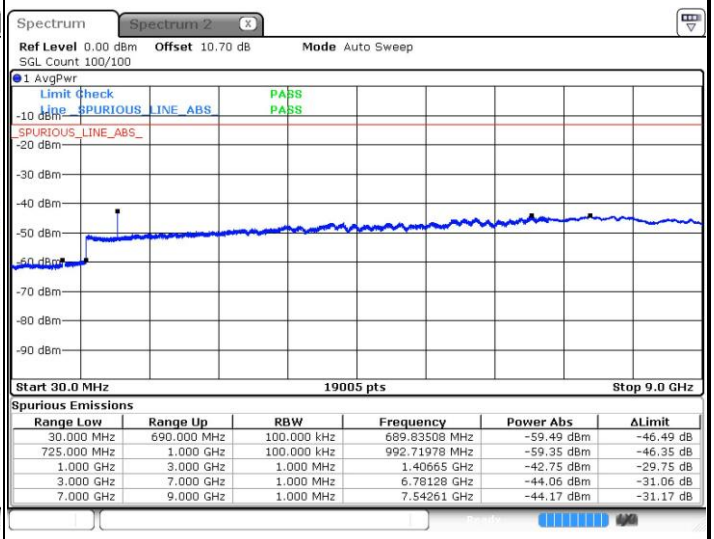


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-59.96 dBm	-46.96 dB
725.000 MHz	1.000 GHz	100.000 kHz	972.11538 MHz	-59.37 dBm	-46.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-42.27 dBm	-29.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79728 GHz	-44.32 dBm	-31.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55811 GHz	-44.15 dBm	-31.15 dB

Date: 31.OCT.2018 23:33:57

Middle Channel / 16QAM

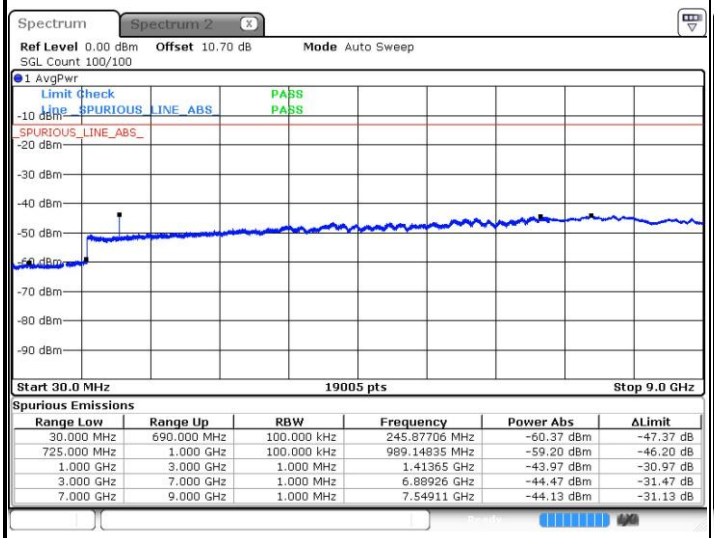


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-59.49 dBm	-46.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	992.71978 MHz	-59.35 dBm	-46.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-42.75 dBm	-29.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78128 GHz	-44.06 dBm	-31.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54261 GHz	-44.17 dBm	-31.17 dB

Date: 31.OCT.2018 23:33:07

Highest Channel / QPSK

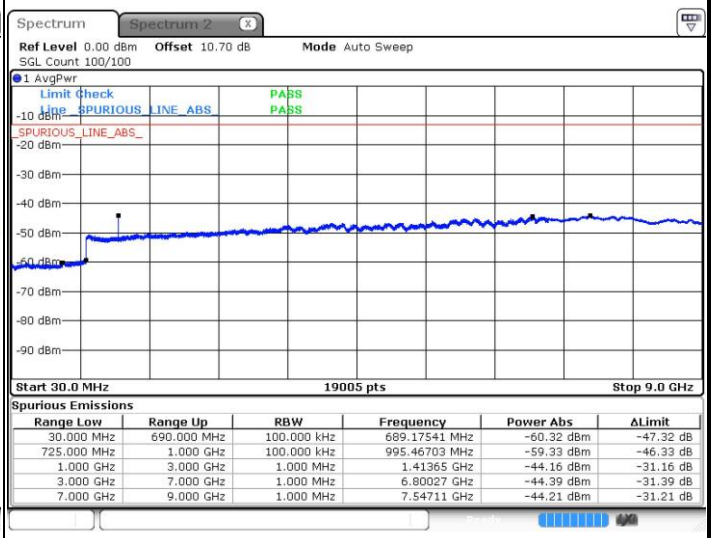


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	245.87706 MHz	-60.37 dBm	-47.37 dB
725.000 MHz	1.000 GHz	100.000 kHz	989.14835 MHz	-59.20 dBm	-46.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-43.97 dBm	-30.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88926 GHz	-44.47 dBm	-31.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54911 GHz	-44.13 dBm	-31.13 dB

Date: 31.OCT.2018 23:40:14

Highest Channel / 16QAM



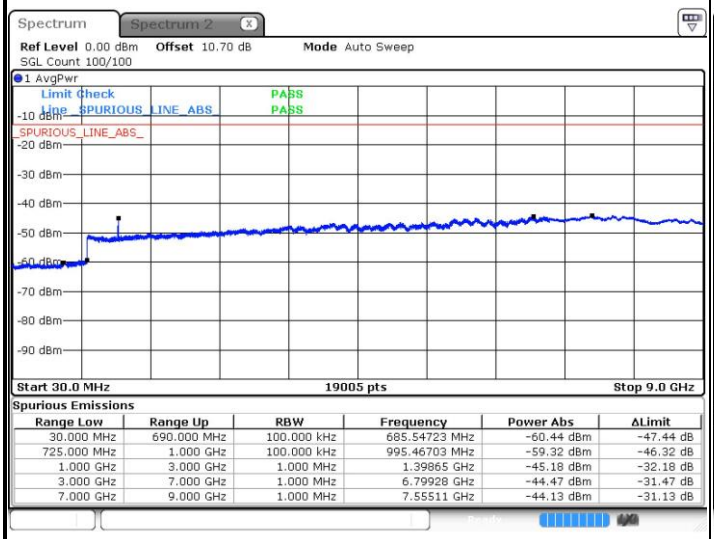
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.17541 MHz	-60.32 dBm	-47.32 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.46703 MHz	-59.33 dBm	-46.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-44.16 dBm	-31.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80027 GHz	-44.39 dBm	-31.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54711 GHz	-44.21 dBm	-31.21 dB

Date: 31.OCT.2018 23:41:04

LTE Band 12 / 1.4MHz

Lowest Channel / 64QAM

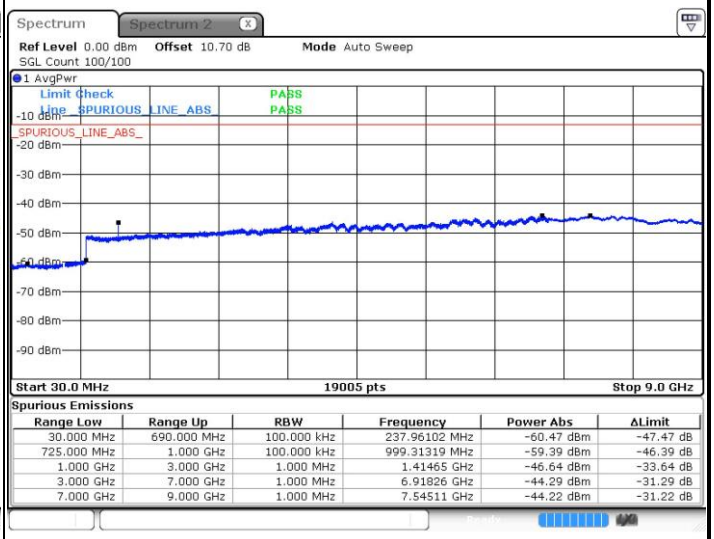


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-60.44 dBm	-47.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.46703 MHz	-59.32 dBm	-46.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.18 dBm	-32.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79928 GHz	-44.47 dBm	-31.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55511 GHz	-44.13 dBm	-31.13 dB

Date: 1.NOV.2018 00:26:57

Middle Channel / 64QAM

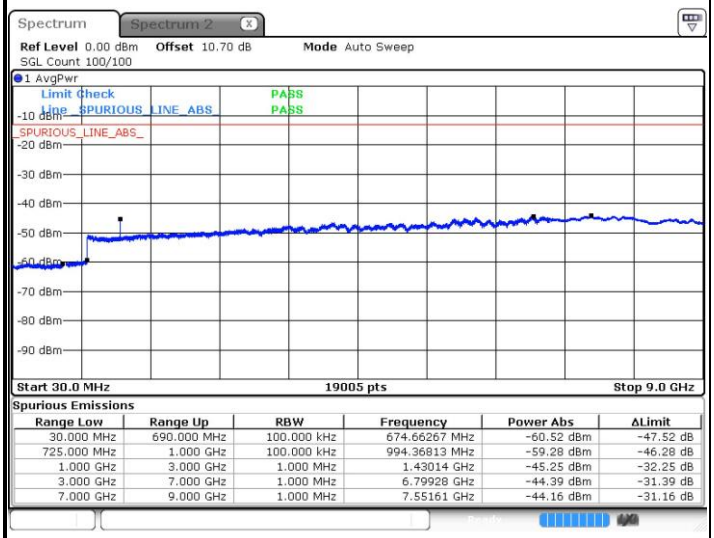


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	237.96102 MHz	-60.47 dBm	-47.47 dB
725.000 MHz	1.000 GHz	100.000 kHz	999.31319 MHz	-59.39 dBm	-46.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-46.64 dBm	-33.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91826 GHz	-44.29 dBm	-31.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54511 GHz	-44.22 dBm	-31.22 dB

Date: 1.NOV.2018 00:28:10

Highest Channel / 64QAM



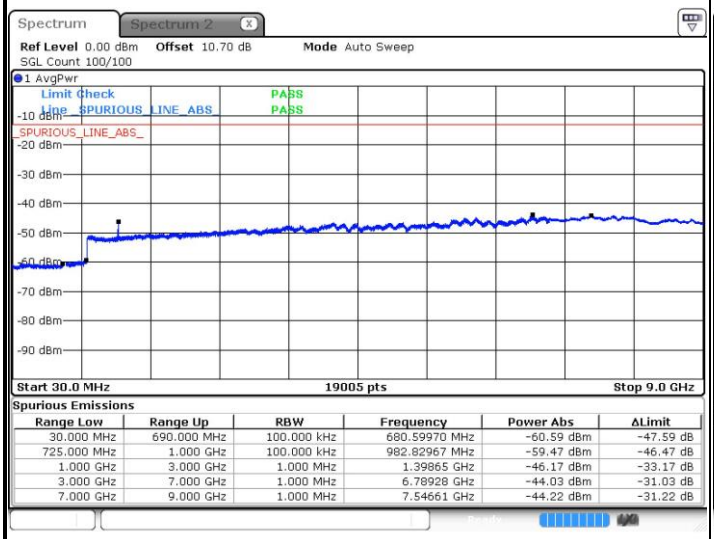
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.66267 MHz	-60.52 dBm	-47.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	994.36813 MHz	-59.28 dBm	-46.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-45.25 dBm	-32.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79928 GHz	-44.39 dBm	-31.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55161 GHz	-44.16 dBm	-31.16 dB

Date: 1.NOV.2018 00:31:44

LTE Band 12 / 3MHz

Lowest Channel / 64QAM

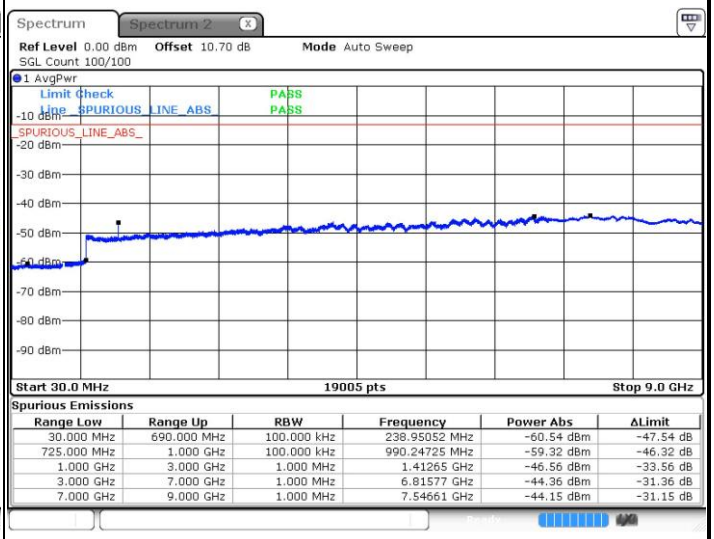


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.59970 MHz	-60.59 dBm	-47.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	982.82967 MHz	-59.47 dBm	-46.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.17 dBm	-33.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78928 GHz	-44.03 dBm	-31.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54661 GHz	-44.22 dBm	-31.22 dB

Date: 1.NOV.2018 00:01:21

Middle Channel / 64QAM

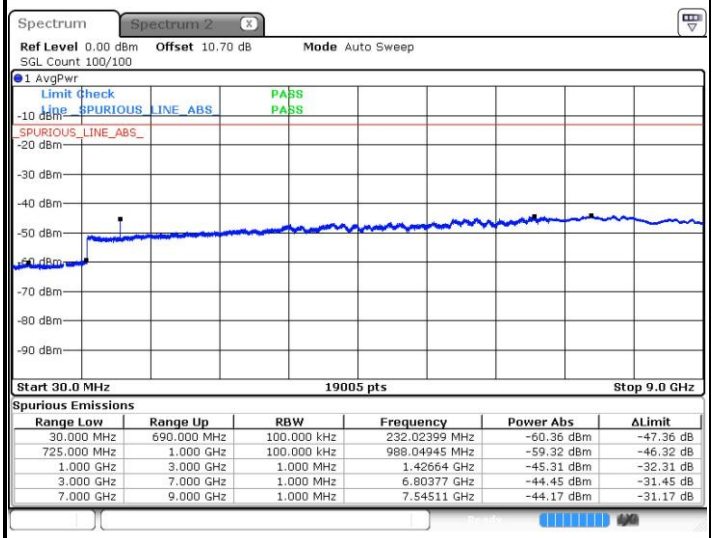


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	238.95052 MHz	-60.54 dBm	-47.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.24725 MHz	-59.32 dBm	-46.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-46.56 dBm	-33.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81577 GHz	-44.36 dBm	-31.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54661 GHz	-44.15 dBm	-31.15 dB

Date: 1.NOV.2018 00:02:34

Highest Channel / 64QAM



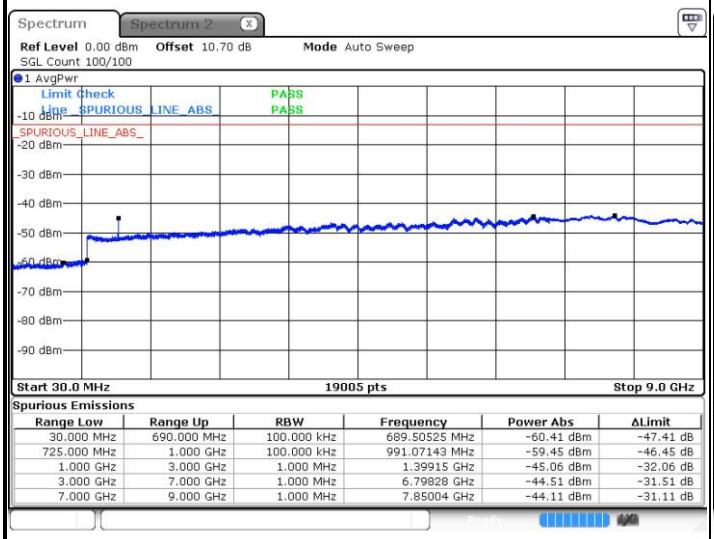
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	232.02399 MHz	-60.36 dBm	-47.36 dB
725.000 MHz	1.000 GHz	100.000 kHz	988.04945 MHz	-59.32 dBm	-46.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-45.31 dBm	-32.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80377 GHz	-44.45 dBm	-31.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54511 GHz	-44.17 dBm	-31.17 dB

Date: 1.NOV.2018 00:06:08

LTE Band 12 / 5MHz

Lowest Channel / 64QAM

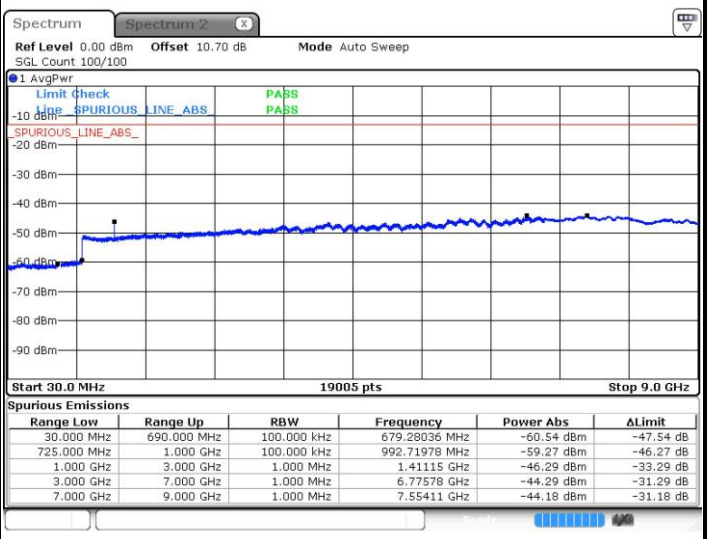


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.50525 MHz	-60.41 dBm	-47.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.07143 MHz	-59.45 dBm	-46.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.06 dBm	-32.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79828 GHz	-44.51 dBm	-31.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85004 GHz	-44.11 dBm	-31.11 dB

Date: 1.NOV.2018 00:09:41

Middle Channel / 64QAM

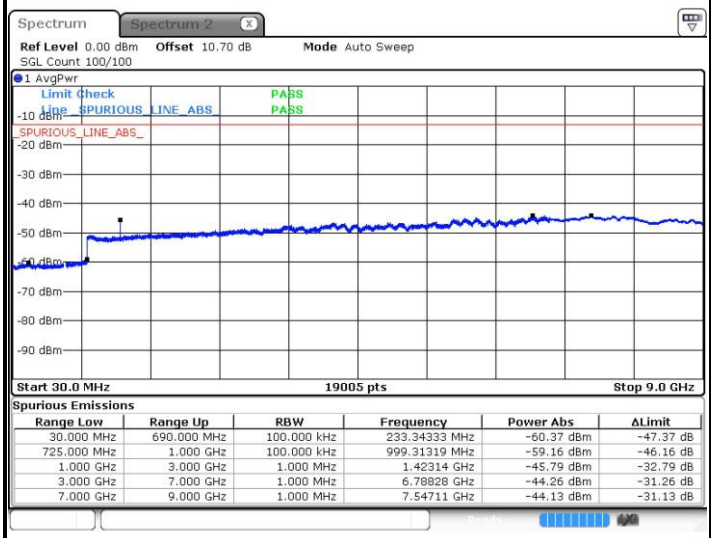


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.28036 MHz	-60.54 dBm	-47.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	992.71978 MHz	-59.27 dBm	-46.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-46.29 dBm	-33.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77578 GHz	-44.29 dBm	-31.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55411 GHz	-44.18 dBm	-31.18 dB

Date: 1.NOV.2018 00:10:55

Highest Channel / 64QAM



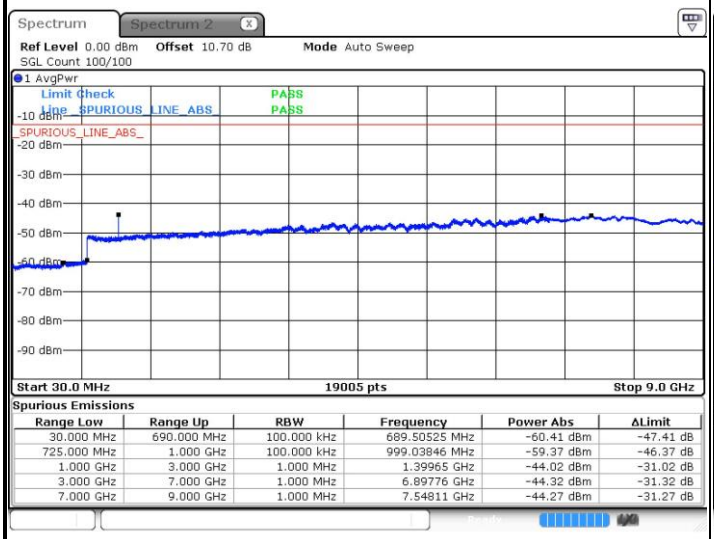
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	233.34333 MHz	-60.37 dBm	-47.37 dB
725.000 MHz	1.000 GHz	100.000 kHz	999.31319 MHz	-59.16 dBm	-46.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78828 GHz	-44.26 dBm	-31.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54711 GHz	-44.13 dBm	-31.13 dB

Date: 1.NOV.2018 00:14:28

LTE Band 12 / 10MHz

Lowest Channel / 64QAM

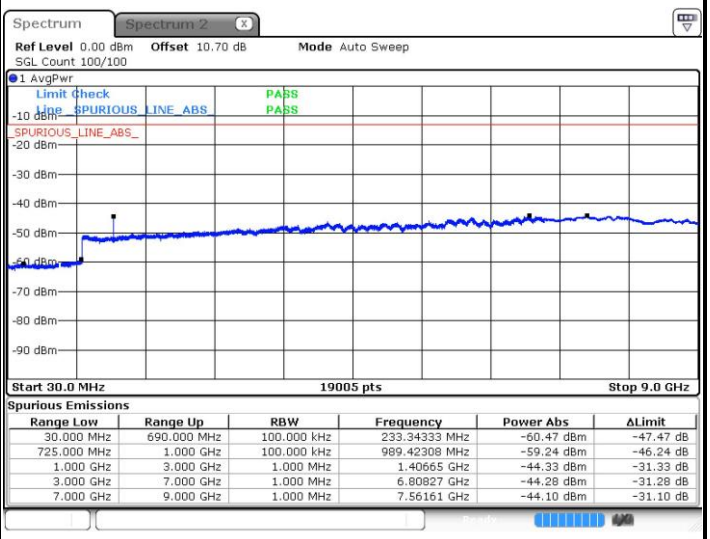


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.50525 MHz	-60.41 dBm	-47.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	999.03846 MHz	-59.37 dBm	-46.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-44.02 dBm	-31.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89776 GHz	-44.32 dBm	-31.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54811 GHz	-44.27 dBm	-31.27 dB

Date: 1.NOV.2018 00:18:02

Middle Channel / 64QAM

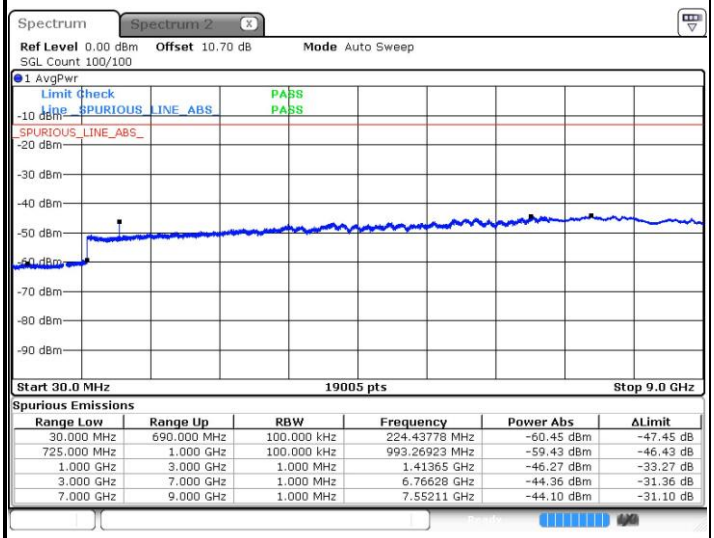


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	233.34333 MHz	-60.47 dBm	-47.47 dB
725.000 MHz	1.000 GHz	100.000 kHz	989.42308 MHz	-59.24 dBm	-46.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-44.33 dBm	-31.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80827 GHz	-44.28 dBm	-31.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56161 GHz	-44.10 dBm	-31.10 dB

Date: 1.NOV.2018 00:19:15

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	224.43778 MHz	-60.45 dBm	-47.45 dB
725.000 MHz	1.000 GHz	100.000 kHz	993.26923 MHz	-59.43 dBm	-46.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-46.27 dBm	-33.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76628 GHz	-44.36 dBm	-31.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55211 GHz	-44.10 dBm	-31.10 dB

Date: 1.NOV.2018 00:22:49

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0034	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0059	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

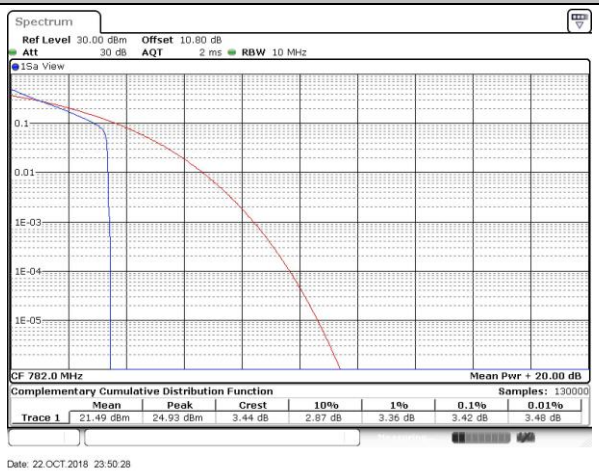
LTE Band 13

Peak-to-Average Ratio

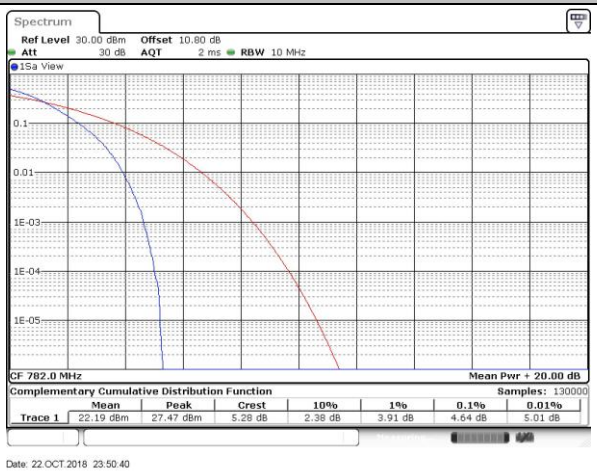
Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.42	4.64	4.32	5.88	
Highest CH	-	-	-	-	
Mode	LTE Band 13 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	5.45	6.43	-	-	
Highest CH	-	-	-	-	

LTE Band 13 / 10MHz / QPSK

Middle Channel / 1RB



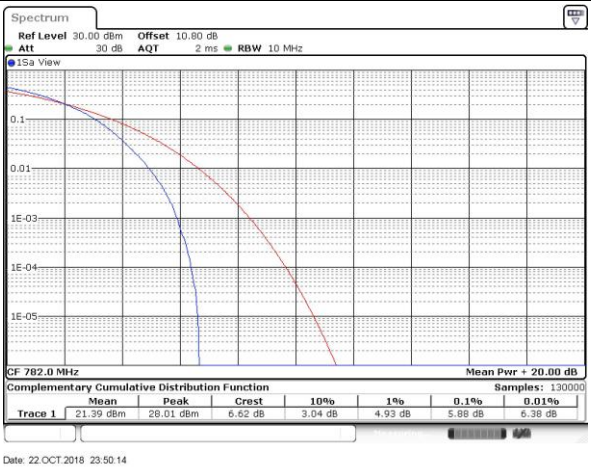
Middle Channel / Full RB



LTE Band 13 / 10MHz / 16QAM

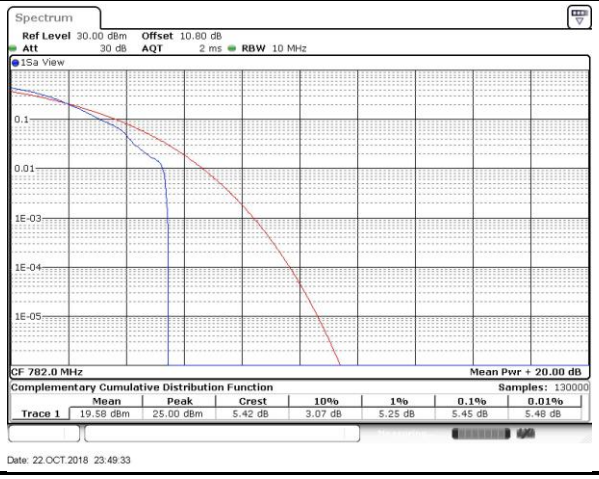
Middle Channel / 1RB

Middle Channel / Full RB

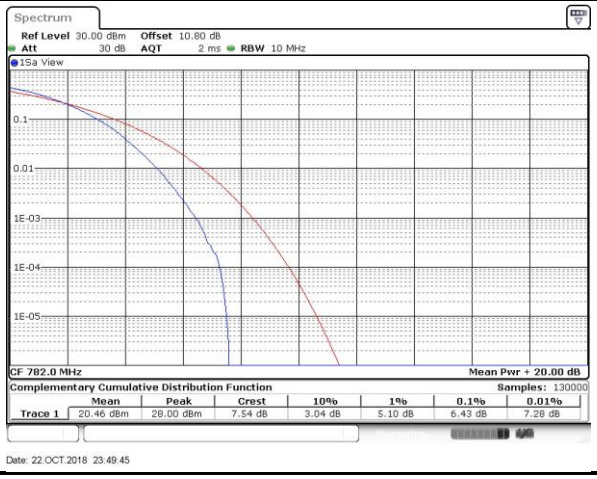


LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



Middle Channel / Full RB

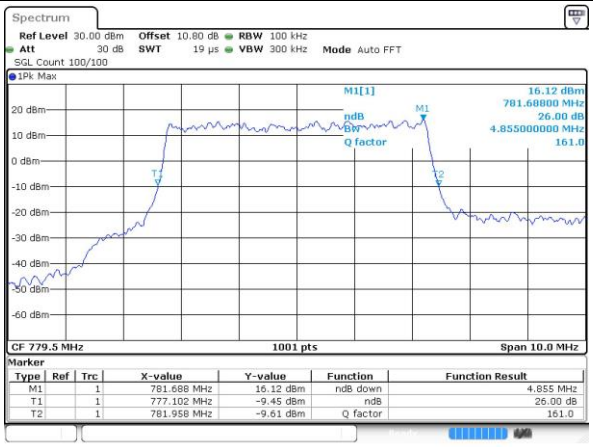


26dB Bandwidth

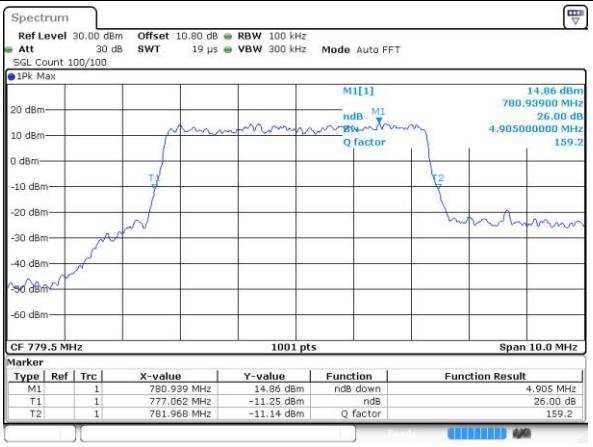
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.86	4.91	-	-	-	-	-	-
Middle CH	-	-	-	-	5.00	4.92	9.75	9.87	-	-	-	-
Highest CH	-	-	-	-	4.82	4.94	-	-	-	-	-	-
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.93	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.99	-	9.75	-	-	-	-	-
Highest CH	-	-	-	-	4.90	-	-	-	-	-	-	-

LTE Band 13

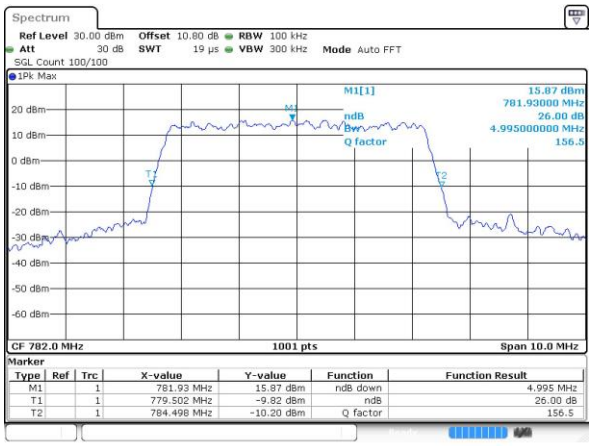
Lowest Channel / 5MHz / QPSK



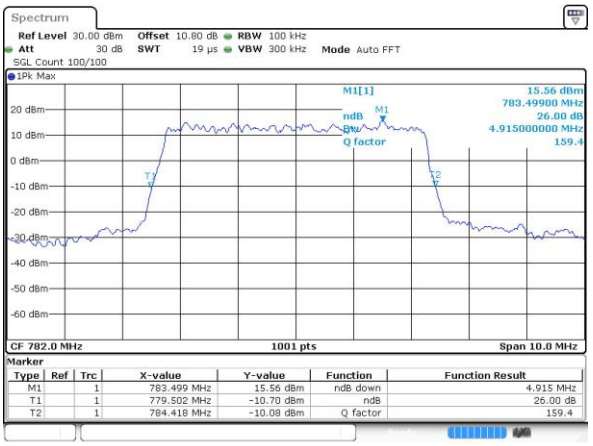
Lowest Channel / 5MHz / 16QAM



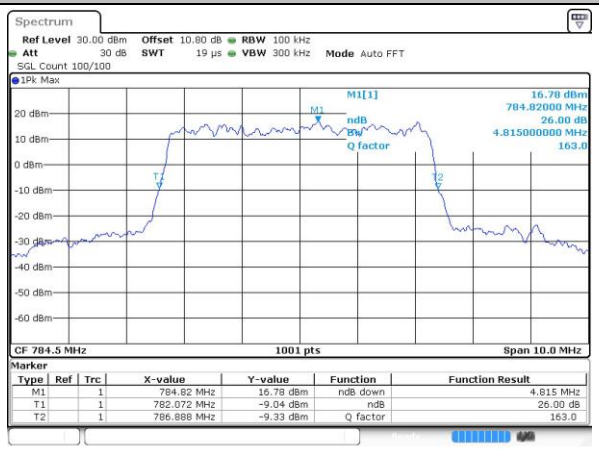
Middle Channel / 5MHz / QPSK



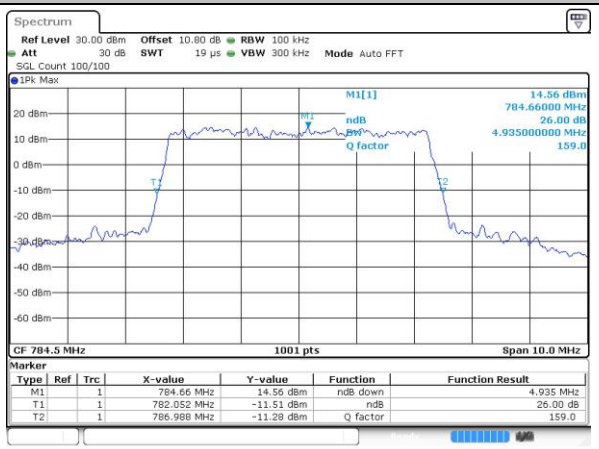
Middle Channel / 5MHz / 16QAM



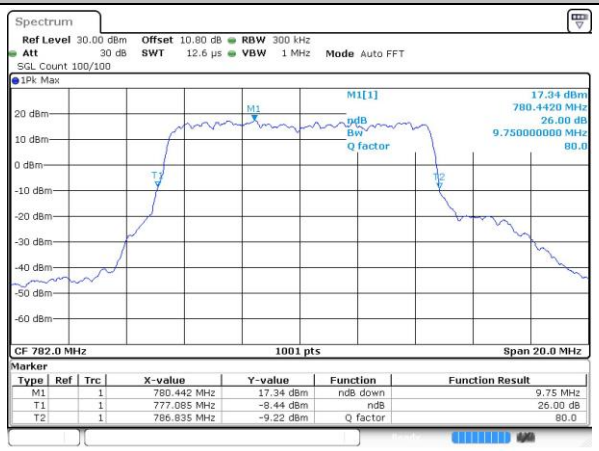
Highest Channel / 5MHz / QPSK

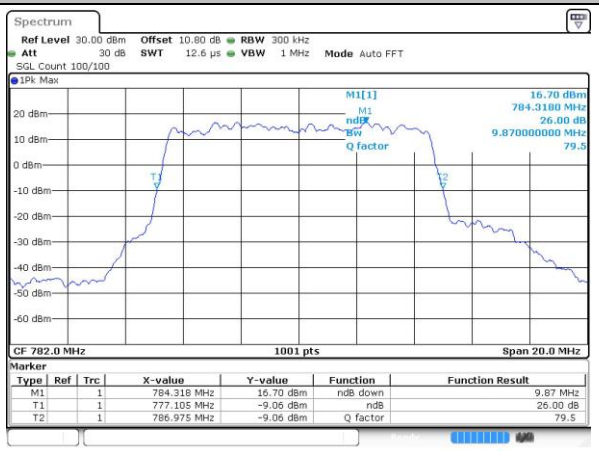


Highest Channel / 5MHz / 16QAM



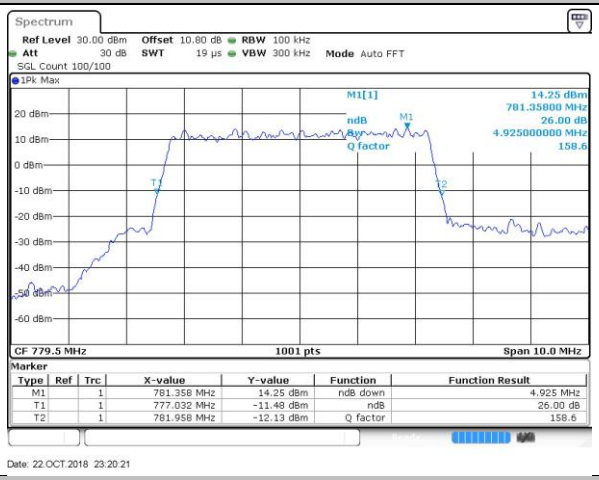
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**



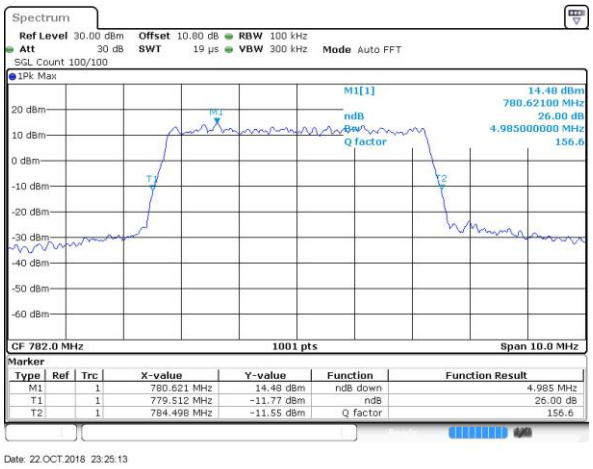


LTE Band 13

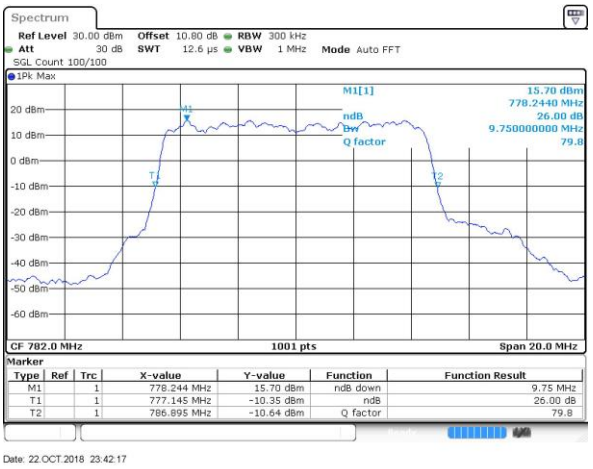
Lowest Channel / 5MHz / 64QAM



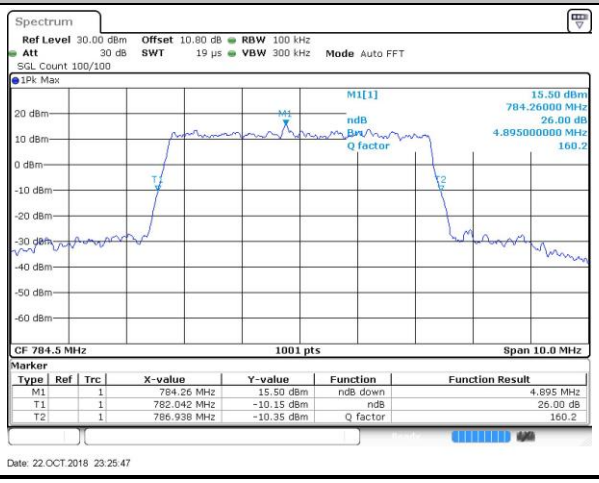
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

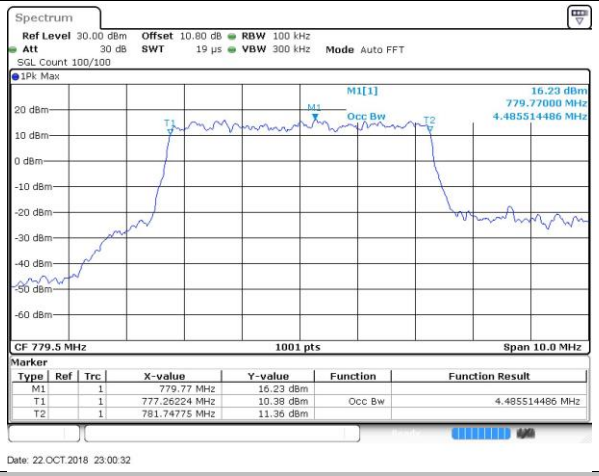


Occupied Bandwidth

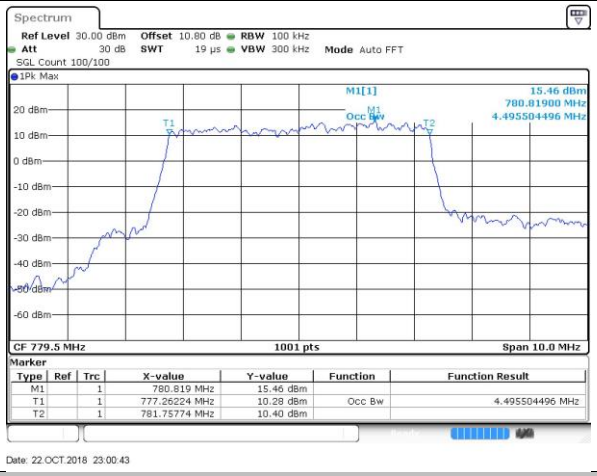
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.5	-	-	-	-	-	-
Middle CH	-	-	-	-	4.51	4.49	9.01	9.01	-	-	-	-
Highest CH	-	-	-	-	4.48	4.51	-	-	-	-	-	-
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.50	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	-	8.99	-	-	-	-	-
Highest CH	-	-	-	-	4.49	-	-	-	-	-	-	-

LTE Band 13

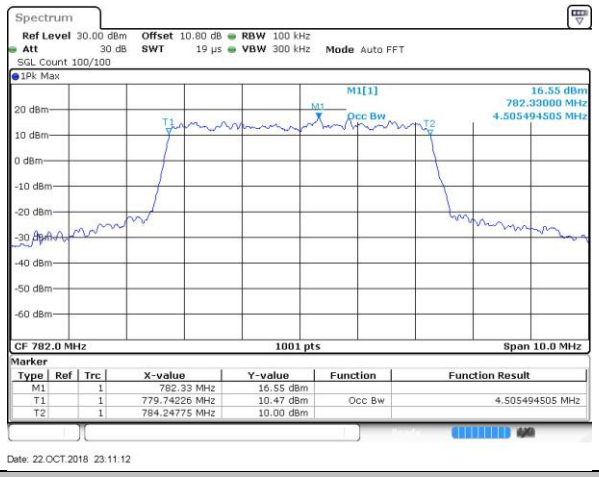
Lowest Channel / 5MHz / QPSK



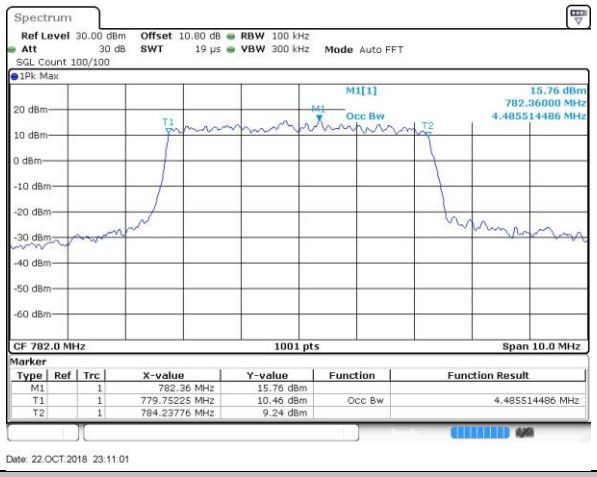
Lowest Channel / 5MHz / 16QAM



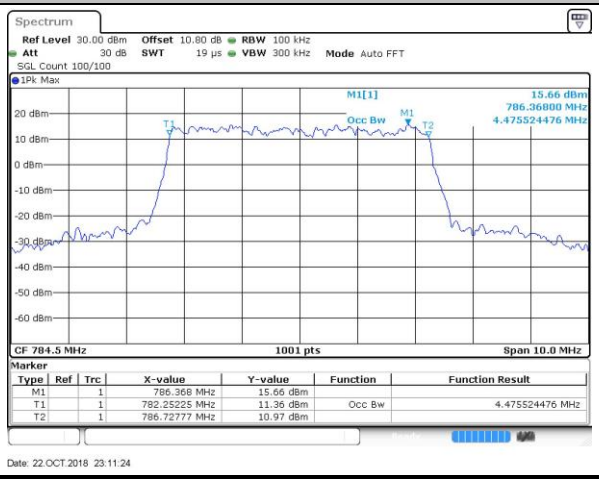
Middle Channel / 5MHz / QPSK



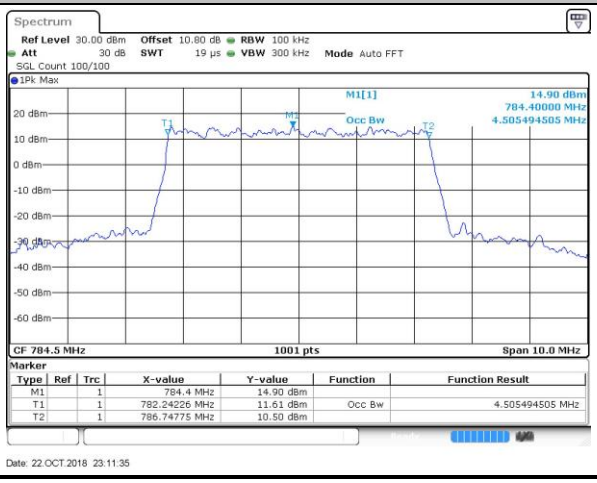
Middle Channel / 5MHz / 16QAM

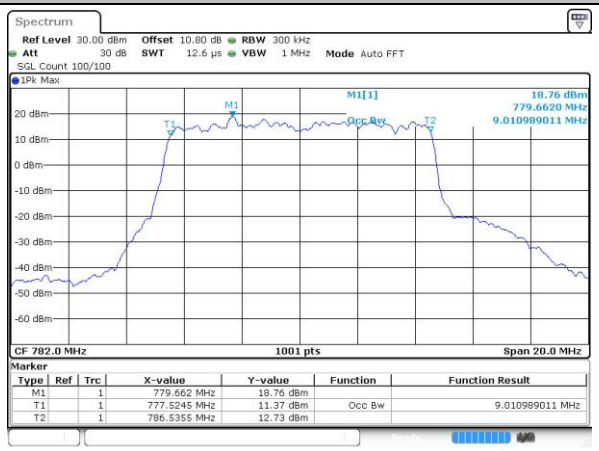
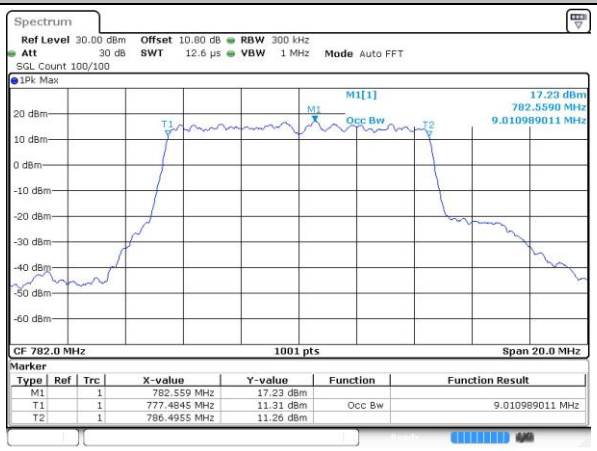


Highest Channel / 5MHz / QPSK



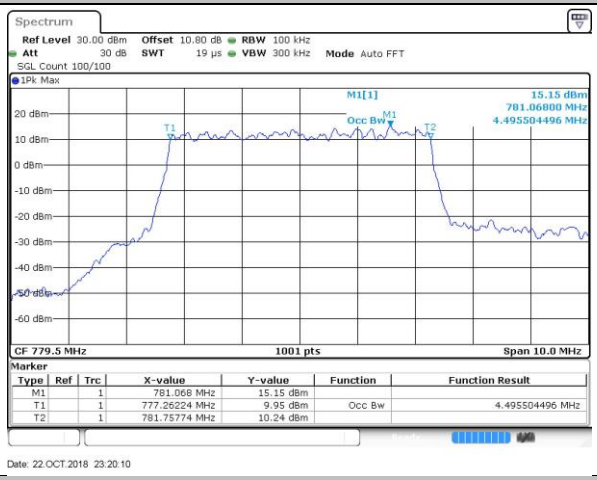
Highest Channel / 5MHz / 16QAM



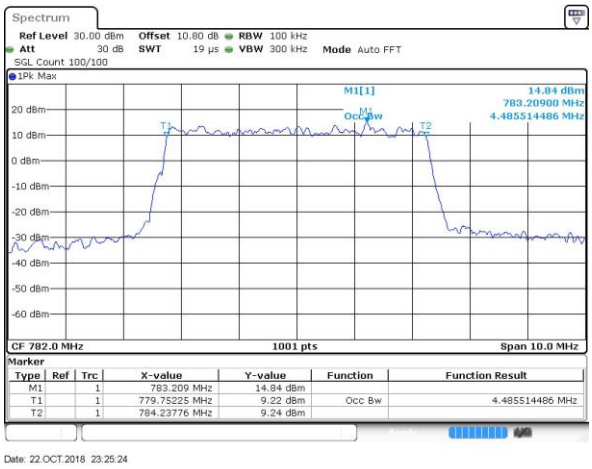
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 13

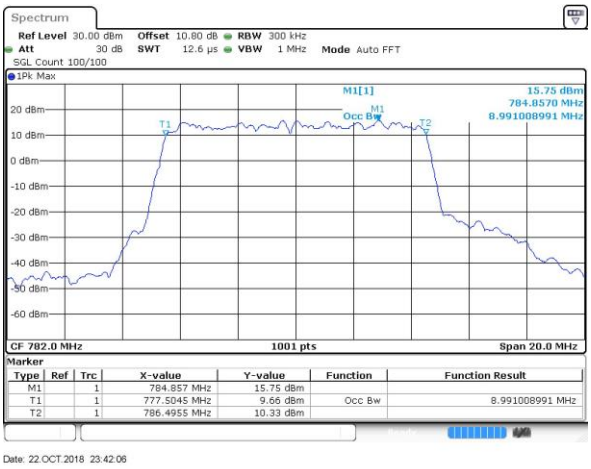
Lowest Channel / 5MHz / 64QAM



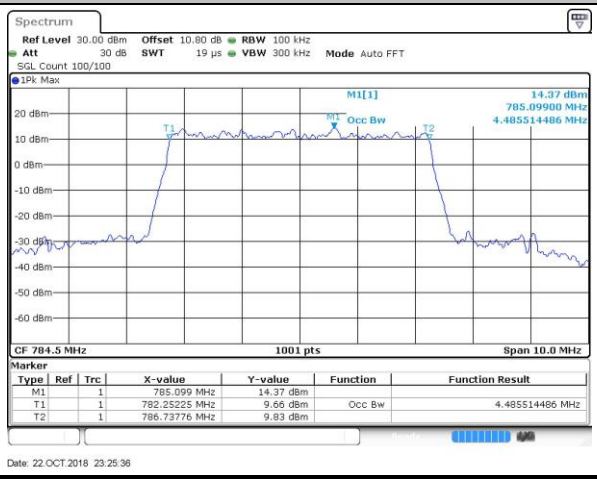
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



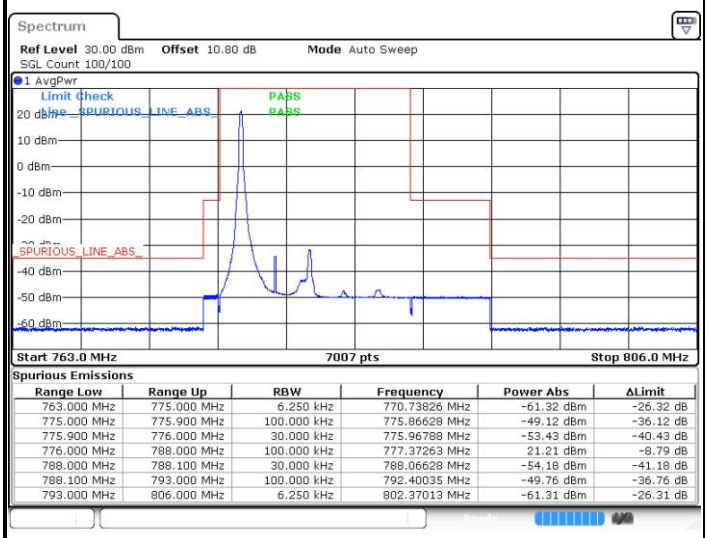
Highest Channel / 5MHz / 64QAM



Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

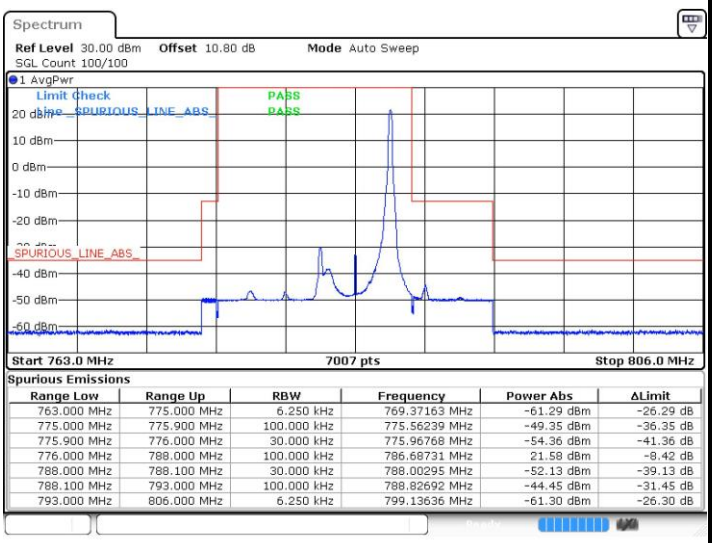


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.73826 MHz	-61.32 dBm	-26.32 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86628 MHz	-49.12 dBm	-36.12 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96788 MHz	-53.43 dBm	-40.43 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.37263 MHz	21.21 dBm	-8.79 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06628 MHz	-54.18 dBm	-41.18 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.40035 MHz	-49.76 dBm	-36.76 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.37013 MHz	-61.31 dBm	-26.31 dB

Date: 22.OCT.2018 23:07:47

Highest Band Edge / 1 RB

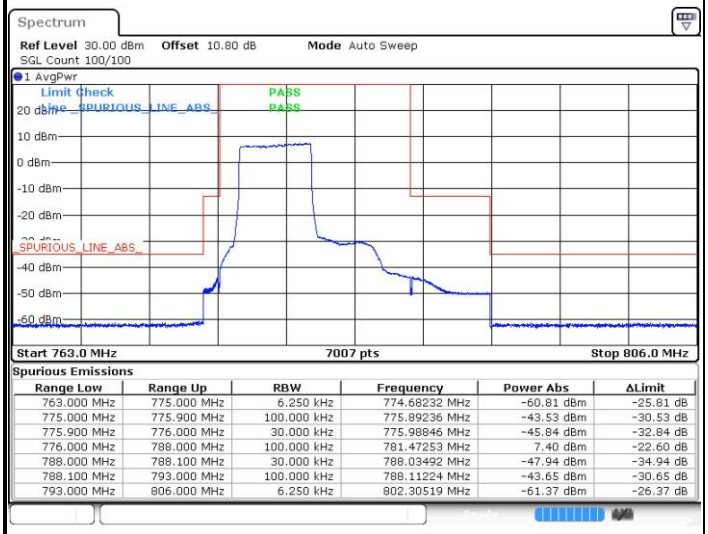


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.37163 MHz	-61.29 dBm	-26.29 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.56239 MHz	-49.35 dBm	-36.35 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96768 MHz	-54.36 dBm	-41.36 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	21.58 dBm	-8.42 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00295 MHz	-52.13 dBm	-39.13 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.82692 MHz	-44.45 dBm	-31.45 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.13636 MHz	-61.30 dBm	-26.30 dB

Date: 22.OCT.2018 23:18:38

Lowest Band Edge / Full RB

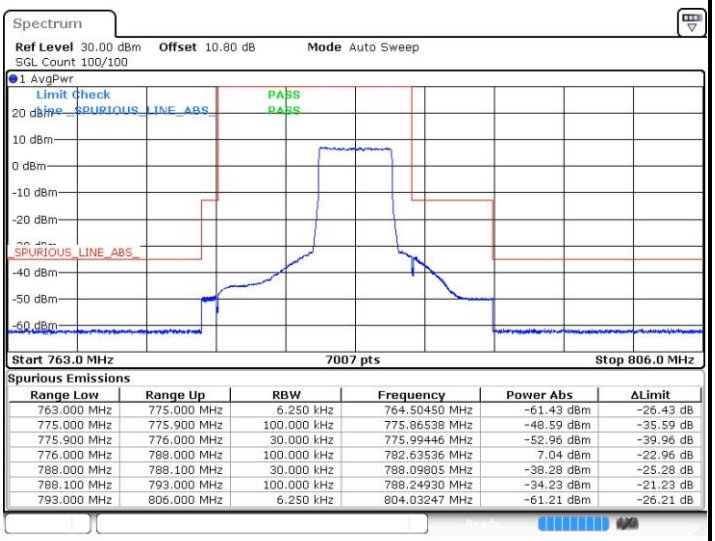


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.68232 MHz	-60.81 dBm	-25.81 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89236 MHz	-43.53 dBm	-30.53 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98846 MHz	-45.84 dBm	-32.84 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.47253 MHz	7.40 dBm	-22.60 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03492 MHz	-47.94 dBm	-34.94 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-43.65 dBm	-30.65 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.30519 MHz	-61.37 dBm	-26.37 dB

Date: 22.OCT.2018 23:02:46

Highest Band Edge / Full RB



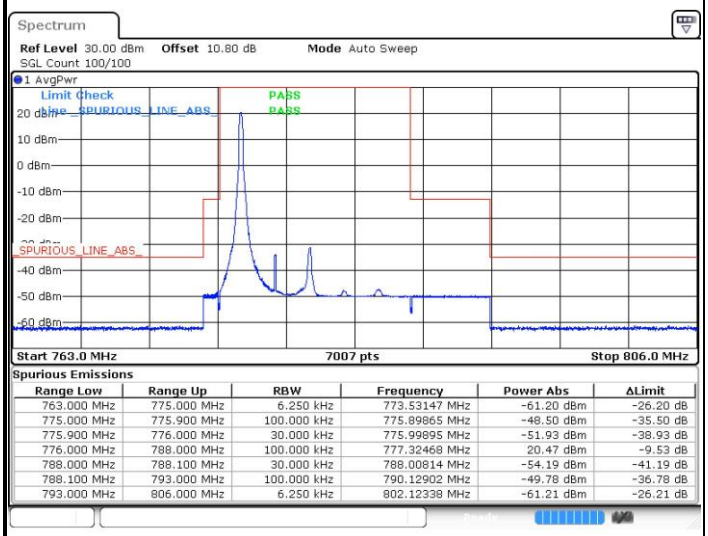
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.50450 MHz	-61.43 dBm	-26.43 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86538 MHz	-48.59 dBm	-35.59 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99446 MHz	-52.96 dBm	-39.96 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.63536 MHz	7.04 dBm	-22.96 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09805 MHz	-38.28 dBm	-25.28 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.24930 MHz	-34.23 dBm	-21.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.03247 MHz	-61.21 dBm	-26.21 dB

Date: 22.OCT.2018 23:13:37

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

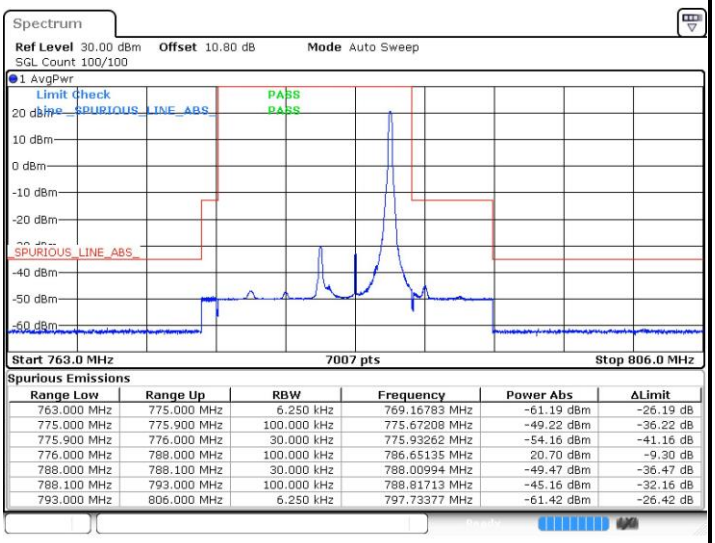


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.53147 MHz	-61.20 dBm	-26.20 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89865 MHz	-48.50 dBm	-35.50 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99895 MHz	-51.93 dBm	-38.93 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.32468 MHz	20.47 dBm	-9.53 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00814 MHz	-54.19 dBm	-41.19 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.12902 MHz	-49.78 dBm	-36.78 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.12338 MHz	-61.21 dBm	-26.21 dB

Date: 22.OCT.2018 23:06:06

Highest Band Edge / 1 RB

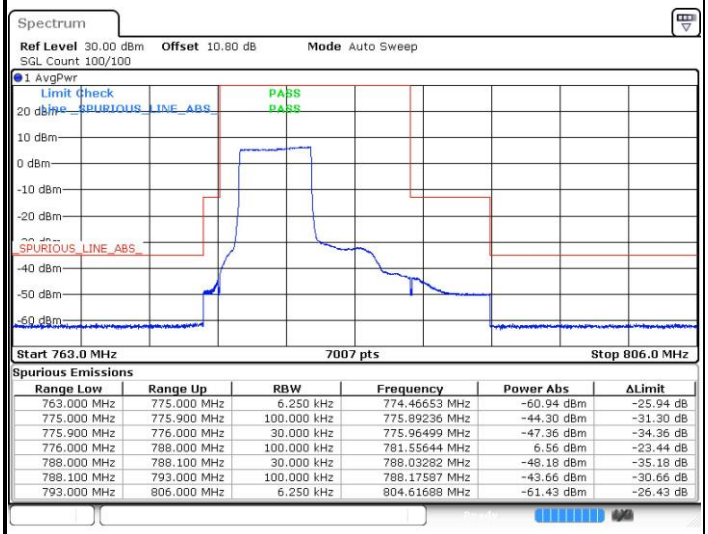


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.16783 MHz	-61.19 dBm	-26.19 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.67208 MHz	-49.22 dBm	-36.22 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93262 MHz	-54.16 dBm	-41.16 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.65135 MHz	20.70 dBm	-9.30 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00994 MHz	-49.47 dBm	-36.47 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.81713 MHz	-45.16 dBm	-32.16 dB
793.000 MHz	806.000 MHz	6.250 kHz	797.73377 MHz	-61.42 dBm	-26.42 dB

Date: 22.OCT.2018 23:16:58

Lowest Band Edge / Full RB

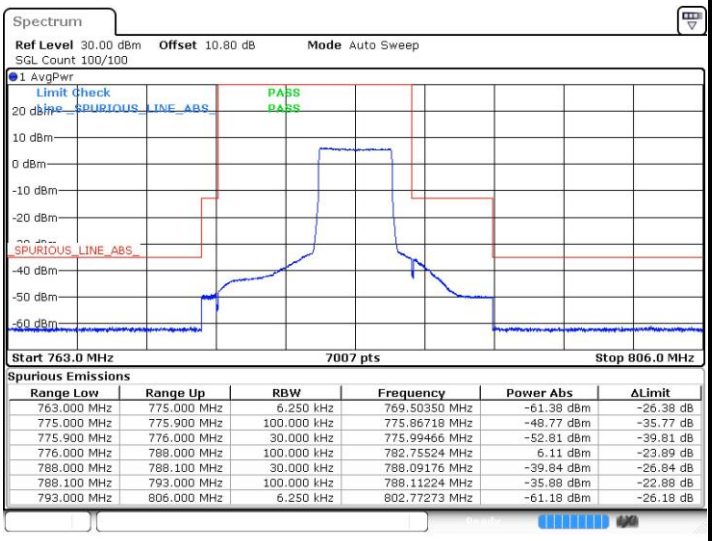


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.46653 MHz	-60.94 dBm	-25.94 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89236 MHz	-44.30 dBm	-31.30 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96499 MHz	-47.36 dBm	-34.36 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.55644 MHz	6.56 dBm	-23.44 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03282 MHz	-48.18 dBm	-35.18 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17587 MHz	-43.66 dBm	-30.66 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.61688 MHz	-61.43 dBm	-26.43 dB

Date: 22.OCT.2018 23:04:26

Highest Band Edge / Full RB



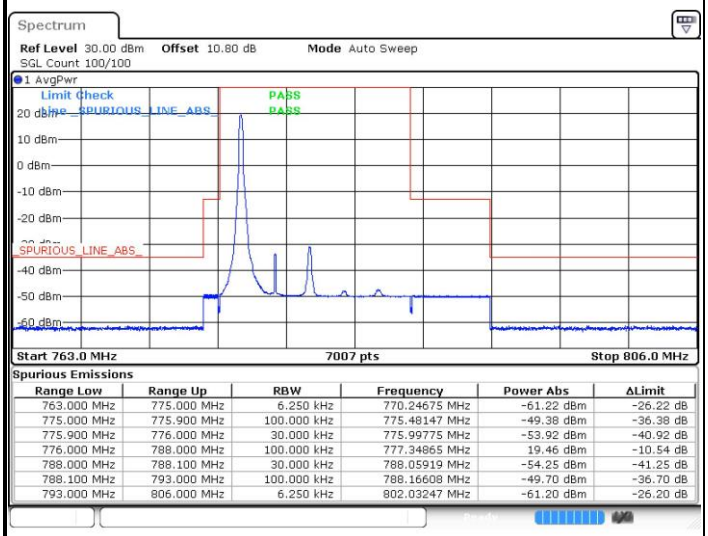
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.50350 MHz	-61.38 dBm	-26.38 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86718 MHz	-48.77 dBm	-35.77 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99466 MHz	-52.81 dBm	-39.81 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.75524 MHz	6.11 dBm	-23.89 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09176 MHz	-39.84 dBm	-26.84 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-35.88 dBm	-22.88 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.77273 MHz	-61.18 dBm	-26.18 dB

Date: 22.OCT.2018 23:15:18

LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

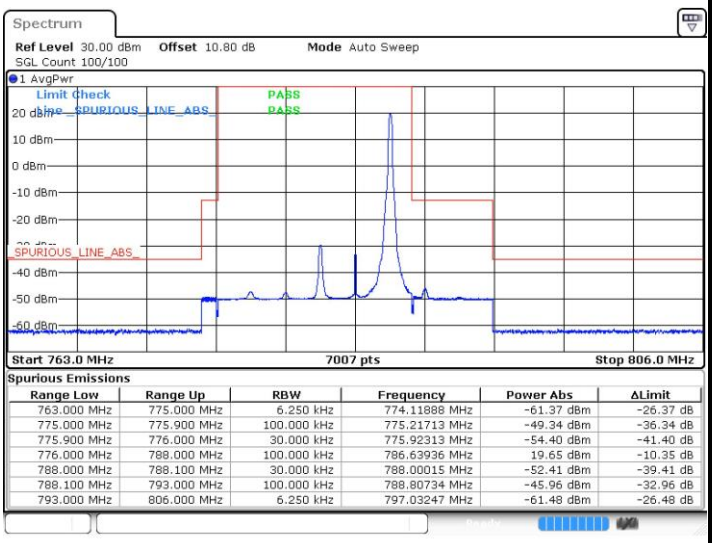


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.24675 MHz	-61.22 dBm	-26.22 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.48147 MHz	-49.38 dBm	-36.38 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99775 MHz	-53.92 dBm	-40.92 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.34865 MHz	19.46 dBm	-10.54 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05919 MHz	-54.25 dBm	-41.25 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.16608 MHz	-49.70 dBm	-36.70 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.03247 MHz	-61.20 dBm	-26.20 dB

Date: 22.OCT.2018 23:23:41

Highest Band Edge / 1 RB

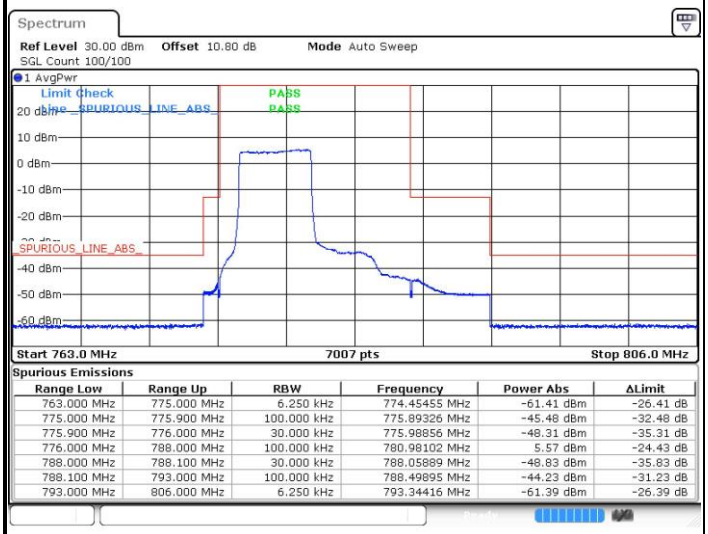


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.11888 MHz	-61.37 dBm	-26.37 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.21713 MHz	-49.34 dBm	-36.34 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92313 MHz	-54.40 dBm	-41.40 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.63936 MHz	19.65 dBm	-10.35 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00015 MHz	-52.41 dBm	-39.41 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.80734 MHz	-45.96 dBm	-32.96 dB
793.000 MHz	806.000 MHz	6.250 kHz	797.03247 MHz	-61.48 dBm	-26.48 dB

Date: 22.OCT.2018 23:29:07

Lowest Band Edge / Full RB

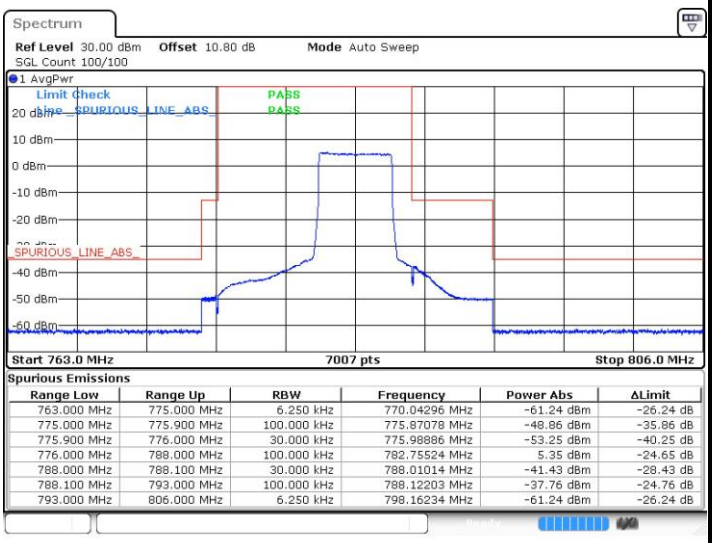


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.45455 MHz	-61.41 dBm	-26.41 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89326 MHz	-45.48 dBm	-32.48 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98856 MHz	-48.31 dBm	-35.31 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.98102 MHz	5.57 dBm	-24.43 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05889 MHz	-48.83 dBm	-35.83 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.49895 MHz	-44.23 dBm	-31.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.34416 MHz	-61.39 dBm	-26.39 dB

Date: 22.OCT.2018 23:22:01

Highest Band Edge / Full RB



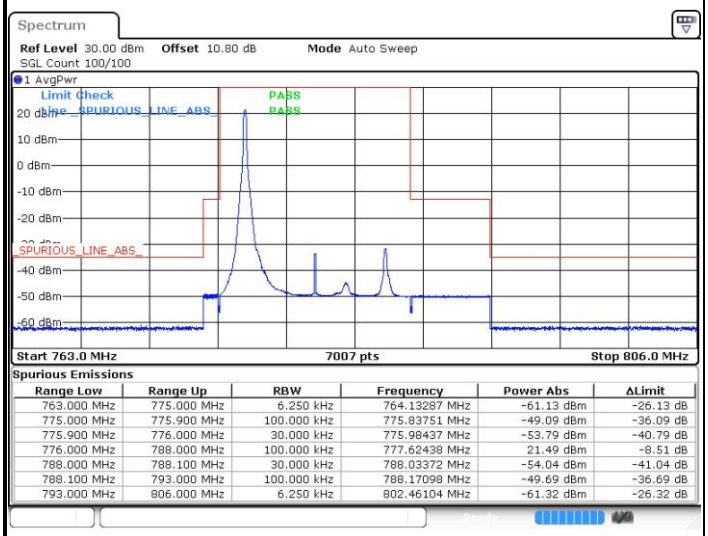
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.04296 MHz	-61.24 dBm	-26.24 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87078 MHz	-48.86 dBm	-35.86 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98886 MHz	-53.25 dBm	-40.25 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.75524 MHz	5.35 dBm	-24.65 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01014 MHz	-41.43 dBm	-28.43 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-37.76 dBm	-24.76 dB
793.000 MHz	806.000 MHz	6.250 kHz	798.16234 MHz	-61.24 dBm	-26.24 dB

Date: 22.OCT.2018 23:27:27

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

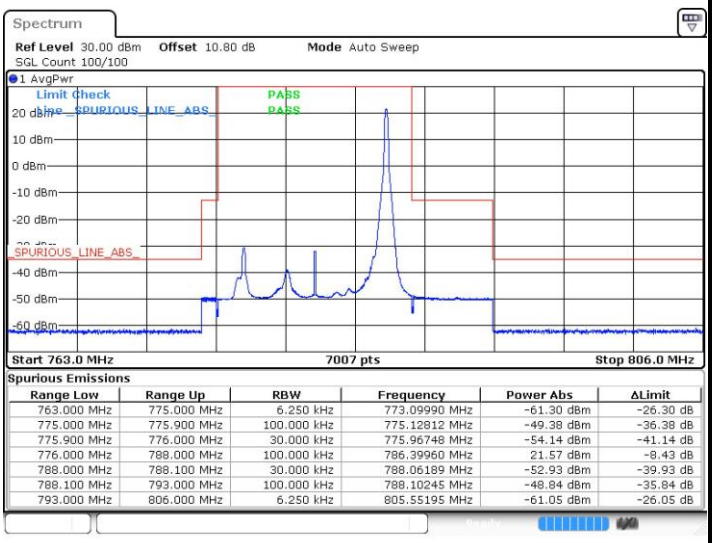


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.13287 MHz	-61.13 dBm	-26.13 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83751 MHz	-49.09 dBm	-36.09 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98437 MHz	-53.79 dBm	-40.79 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.62438 MHz	21.49 dBm	-8.51 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03372 MHz	-54.04 dBm	-41.04 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17098 MHz	-49.69 dBm	-36.69 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.46104 MHz	-61.32 dBm	-26.32 dB

Date: 22.OCT.2018 23:37:14

Highest Band Edge / 1 RB

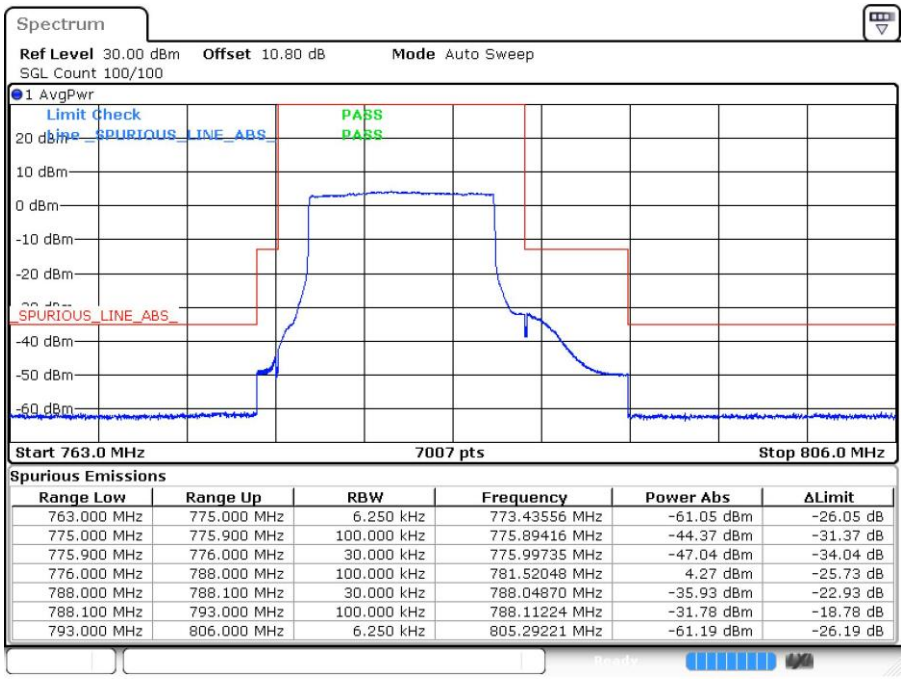


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.09990 MHz	-61.30 dBm	-26.30 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.12812 MHz	-49.38 dBm	-36.38 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96748 MHz	-54.14 dBm	-41.14 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	21.57 dBm	-8.43 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06189 MHz	-52.93 dBm	-39.93 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-48.84 dBm	-35.84 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.55195 MHz	-61.05 dBm	-26.05 dB

Date: 22.OCT.2018 23:38:54

Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.43556 MHz	-61.05 dBm	-26.05 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89416 MHz	-44.37 dBm	-31.37 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99735 MHz	-47.04 dBm	-34.04 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.52048 MHz	4.27 dBm	-25.73 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04870 MHz	-35.93 dBm	-22.93 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-31.78 dBm	-18.78 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.29221 MHz	-61.19 dBm	-26.19 dB

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