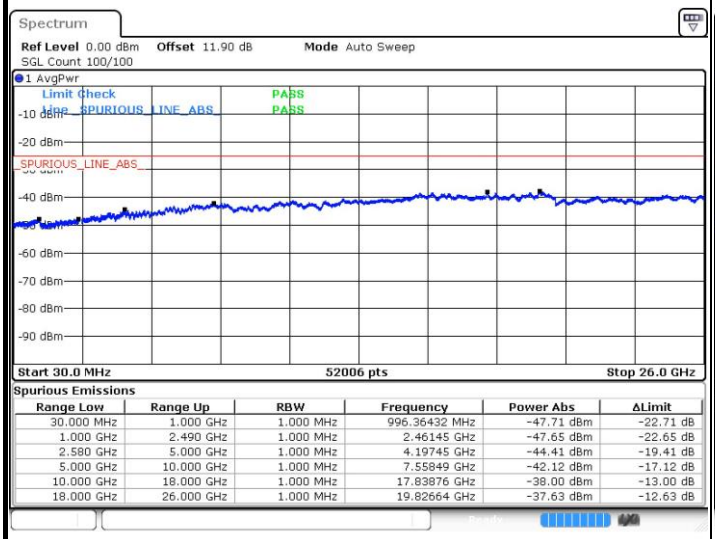
LTE Band 7 / 10MHz

Middle Channel / QPSK

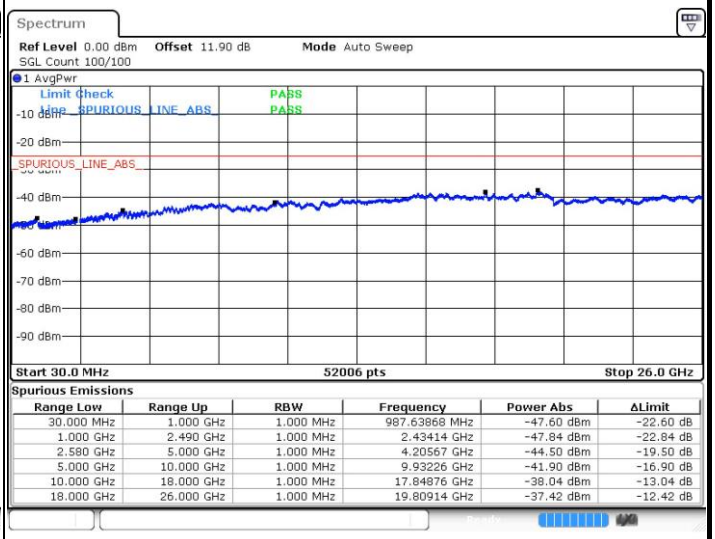


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-47.71 dBm	-22.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46145 GHz	-47.65 dBm	-22.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19745 GHz	-44.41 dBm	-19.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55849 GHz	-42.12 dBm	-17.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83876 GHz	-38.00 dBm	-13.00 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82664 GHz	-37.63 dBm	-12.63 dB

Date: 5.FEB.2019 13:30:24

Middle Channel / 16QAM

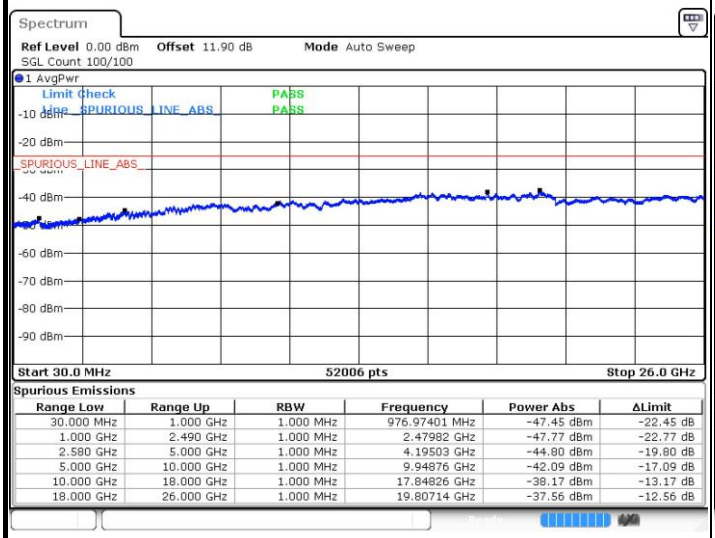


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-47.60 dBm	-22.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.43414 GHz	-47.84 dBm	-22.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20567 GHz	-44.50 dBm	-19.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93226 GHz	-41.90 dBm	-16.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84876 GHz	-38.04 dBm	-13.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80914 GHz	-37.42 dBm	-12.42 dB

Date: 5.FEB.2019 13:31:07

Highest Channel / QPSK

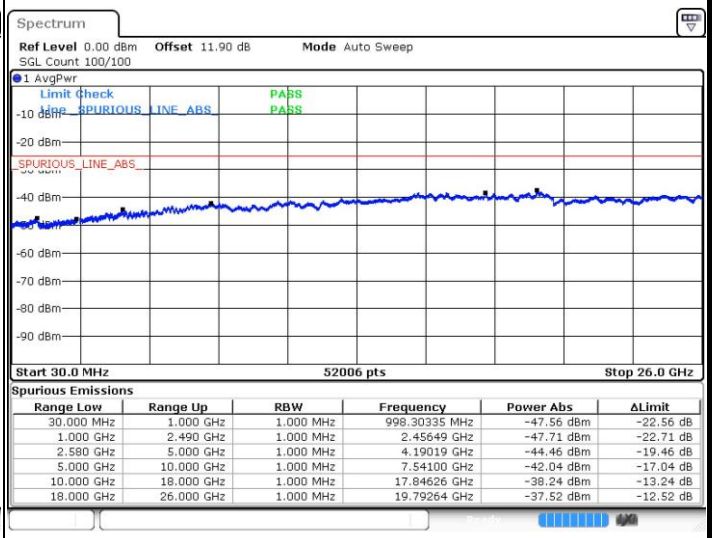


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-47.45 dBm	-22.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47982 GHz	-47.77 dBm	-22.77 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19503 GHz	-44.80 dBm	-19.80 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94876 GHz	-42.09 dBm	-17.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84826 GHz	-38.17 dBm	-13.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80714 GHz	-37.56 dBm	-12.56 dB

Date: 5.FEB.2019 13:36:39

Highest Channel / 16QAM



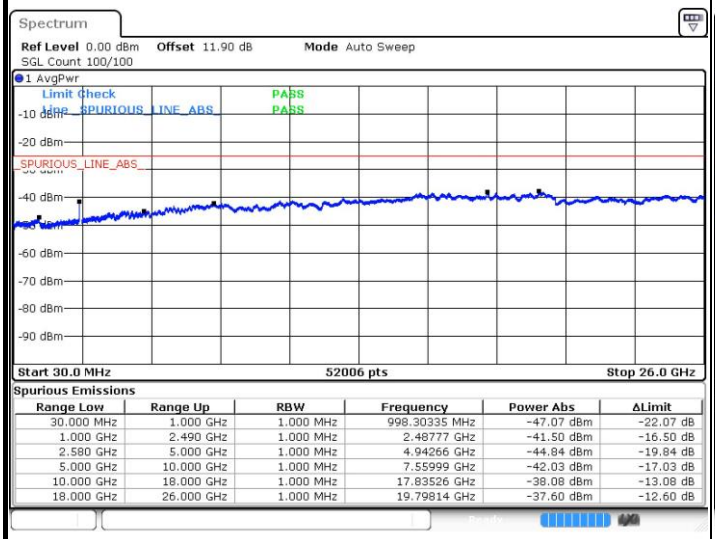
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-47.56 dBm	-22.56 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45649 GHz	-47.71 dBm	-22.71 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19019 GHz	-44.46 dBm	-19.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54100 GHz	-42.04 dBm	-17.04 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84626 GHz	-38.24 dBm	-13.24 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79264 GHz	-37.52 dBm	-12.52 dB

Date: 5.FEB.2019 13:37:22

LTE Band 7 / 15MHz

Lowest Channel / QPSK

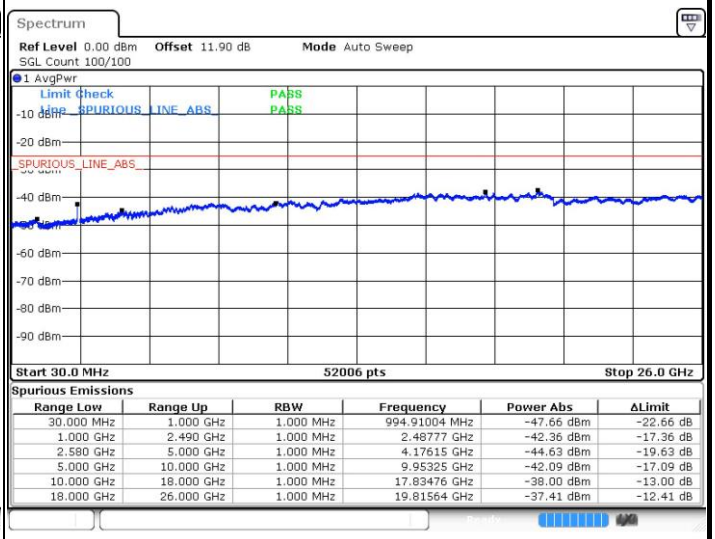


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-47.07 dBm	-22.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-41.50 dBm	-16.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94266 GHz	-44.84 dBm	-19.84 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55999 GHz	-42.03 dBm	-17.03 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83526 GHz	-38.08 dBm	-13.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79814 GHz	-37.60 dBm	-12.60 dB

Date: 5.FEB.2019 13:50:14

Lowest Channel / 16QAM

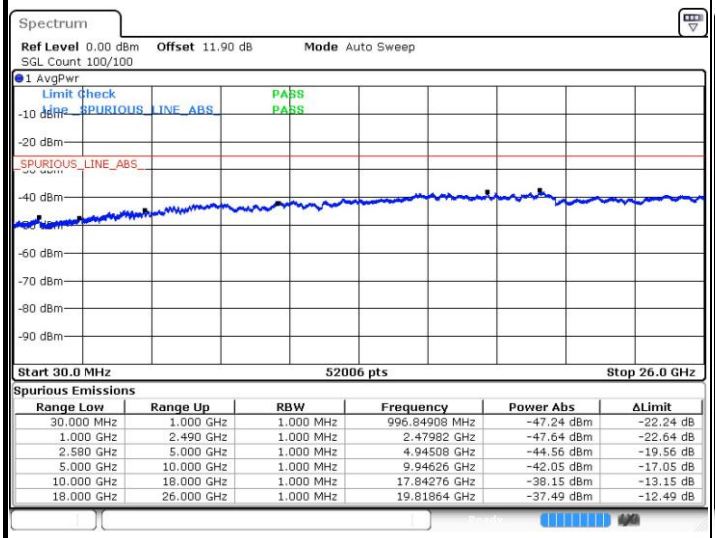


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-47.66 dBm	-22.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-42.36 dBm	-17.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17615 GHz	-44.63 dBm	-19.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95325 GHz	-42.09 dBm	-17.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83476 GHz	-38.00 dBm	-13.00 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81564 GHz	-37.41 dBm	-12.41 dB

Date: 5.FEB.2019 13:50:57

Middle Channel / QPSK

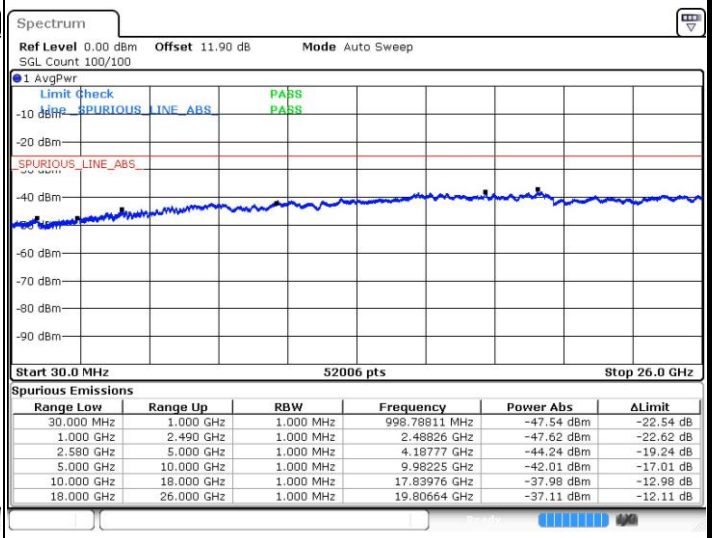


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.24 dBm	-22.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47982 GHz	-47.64 dBm	-22.64 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94508 GHz	-44.56 dBm	-19.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94626 GHz	-42.05 dBm	-17.05 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84276 GHz	-38.15 dBm	-13.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81864 GHz	-37.49 dBm	-12.49 dB

Date: 5.FEB.2019 13:52:26

Middle Channel / 16QAM



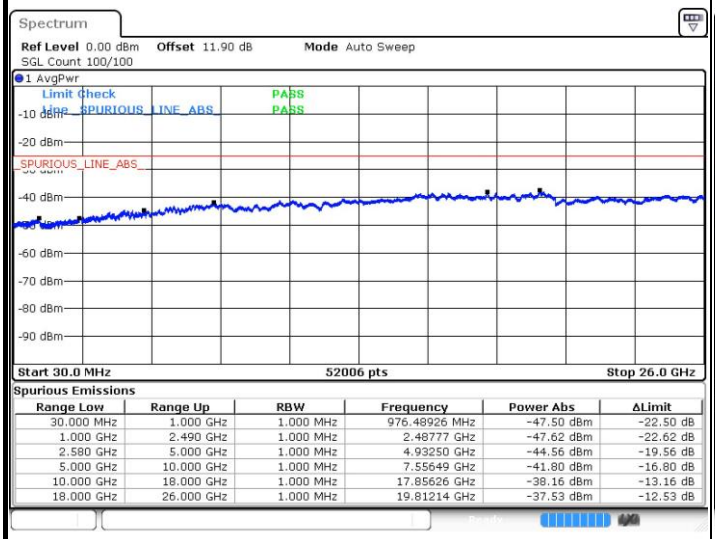
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-47.54 dBm	-22.54 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-47.62 dBm	-22.62 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18777 GHz	-44.24 dBm	-19.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98225 GHz	-42.01 dBm	-17.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83976 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80664 GHz	-37.11 dBm	-12.11 dB

Date: 5.FEB.2019 13:53:09

LTE Band7 / 15MHz

Highest Channel / QPSK

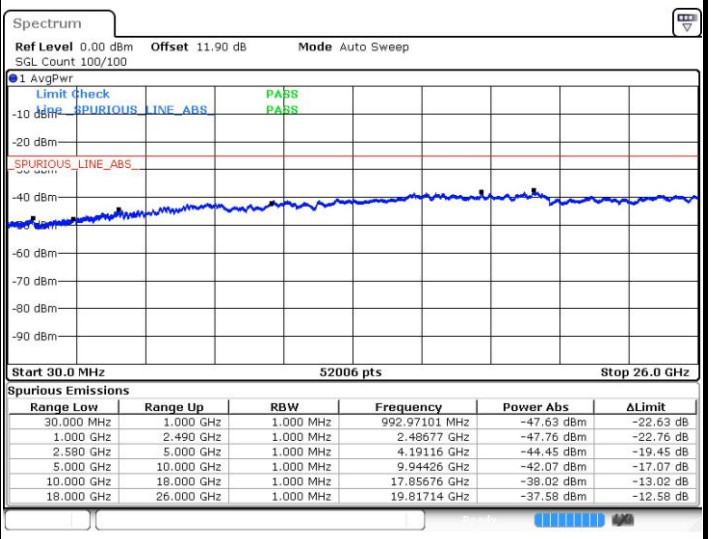


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-47.50 dBm	-22.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-47.62 dBm	-22.62 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93250 GHz	-44.56 dBm	-19.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55649 GHz	-41.80 dBm	-16.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85626 GHz	-38.16 dBm	-13.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81214 GHz	-37.53 dBm	-12.53 dB

Date: 5.FEB.2019 13:58:41

Highest Channel / 16QAM



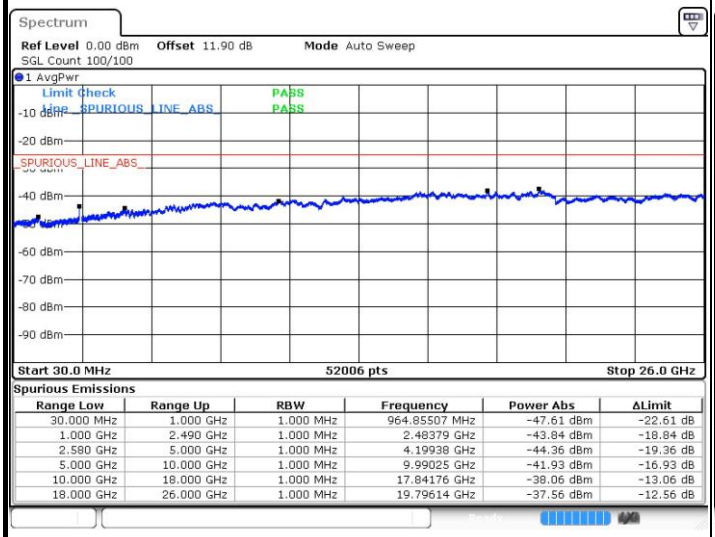
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-47.63 dBm	-22.63 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-47.76 dBm	-22.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19116 GHz	-44.45 dBm	-19.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94426 GHz	-42.07 dBm	-17.07 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85676 GHz	-38.02 dBm	-13.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81714 GHz	-37.58 dBm	-12.58 dB

Date: 5.FEB.2019 13:59:24

LTE Band 7 / 20MHz

Lowest Channel / QPSK

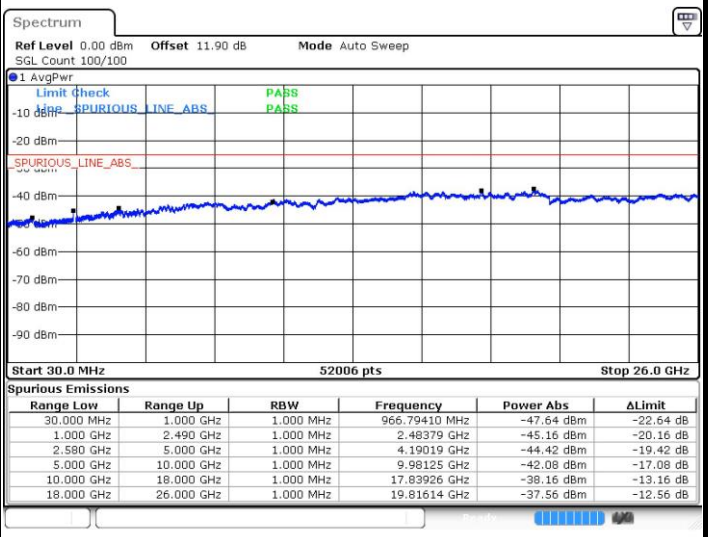


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-47.61 dBm	-22.61 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-43.84 dBm	-18.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19938 GHz	-44.36 dBm	-19.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.99025 GHz	-41.93 dBm	-16.93 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84176 GHz	-38.06 dBm	-13.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79614 GHz	-37.56 dBm	-12.56 dB

Date: 5.FEB.2019 14:17:42

Lowest Channel / 16QAM



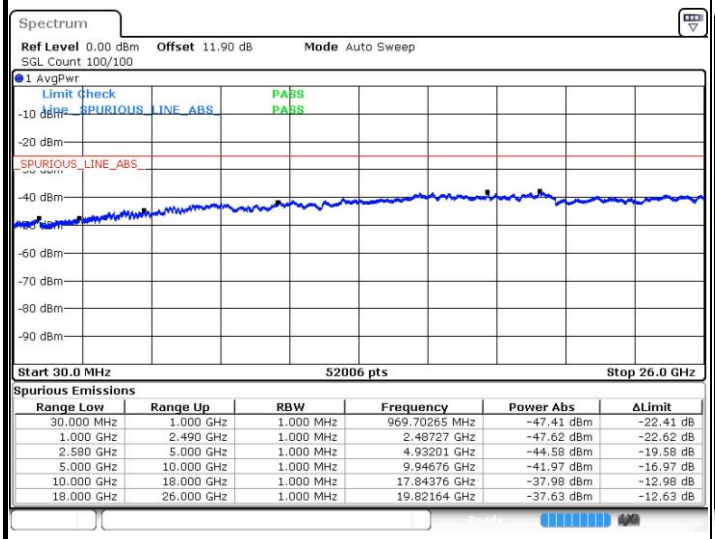
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-47.64 dBm	-22.64 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-45.16 dBm	-20.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19019 GHz	-44.42 dBm	-19.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98125 GHz	-42.08 dBm	-17.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83926 GHz	-38.16 dBm	-13.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81614 GHz	-37.56 dBm	-12.56 dB

Date: 5.FEB.2019 14:18:25

LTE Band 7 / 20MHz

Middle Channel / QPSK

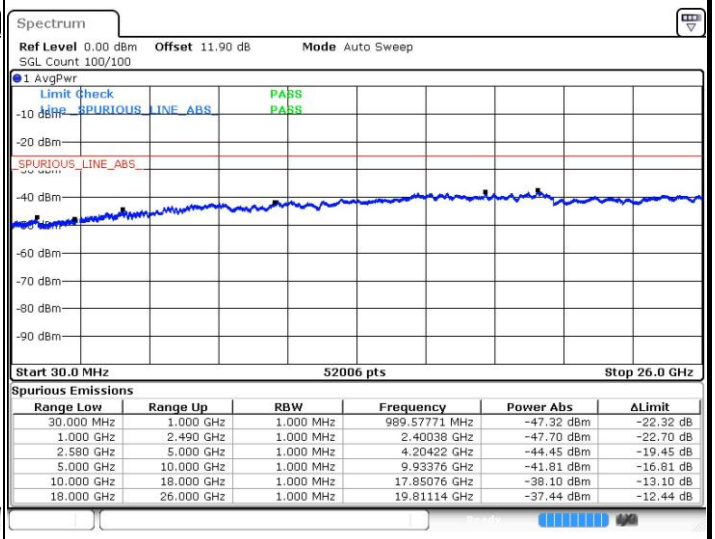


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-47.41 dBm	-22.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-47.62 dBm	-22.62 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93201 GHz	-44.58 dBm	-19.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94676 GHz	-41.97 dBm	-16.97 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84376 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82164 GHz	-37.63 dBm	-12.63 dB

Date: 5.FEB.2019 14:19:54

Middle Channel / 16QAM

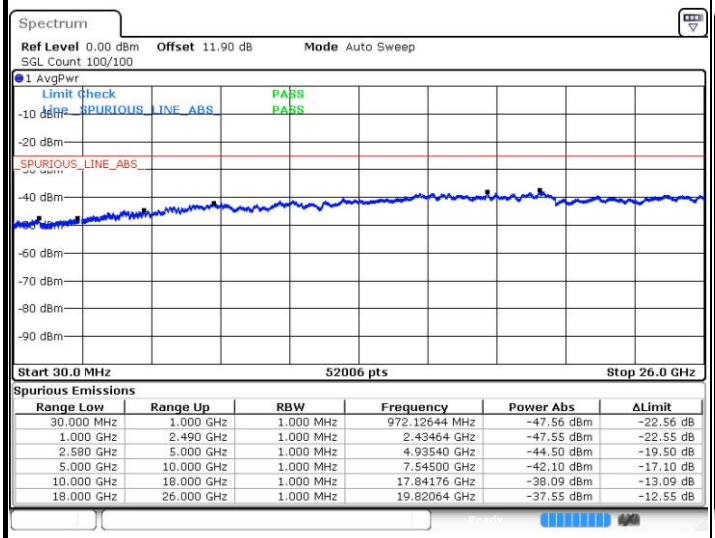


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-47.32 dBm	-22.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.40038 GHz	-47.70 dBm	-22.70 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20422 GHz	-44.45 dBm	-19.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93376 GHz	-41.81 dBm	-16.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85076 GHz	-38.10 dBm	-13.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81114 GHz	-37.44 dBm	-12.44 dB

Date: 5.FEB.2019 14:20:37

Highest Channel / QPSK

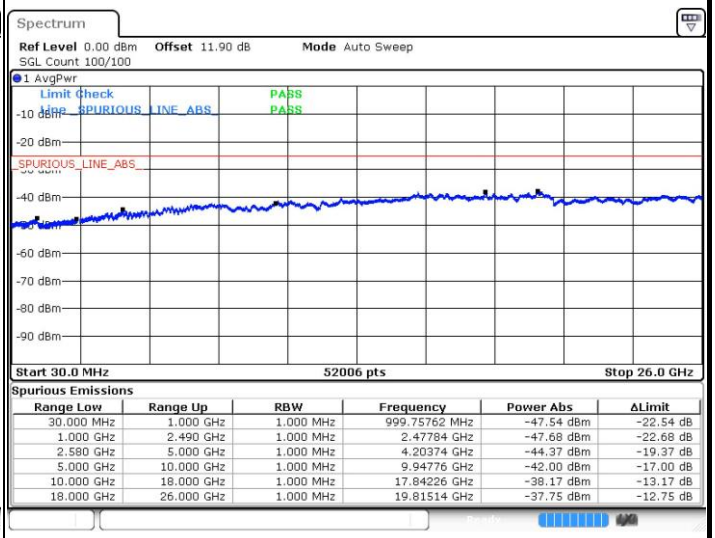


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-47.56 dBm	-22.56 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.43464 GHz	-47.55 dBm	-22.55 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93540 GHz	-44.50 dBm	-19.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54500 GHz	-42.10 dBm	-17.10 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84176 GHz	-38.09 dBm	-13.09 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82064 GHz	-37.55 dBm	-12.55 dB

Date: 5.FEB.2019 14:26:09

Highest Channel / 16QAM



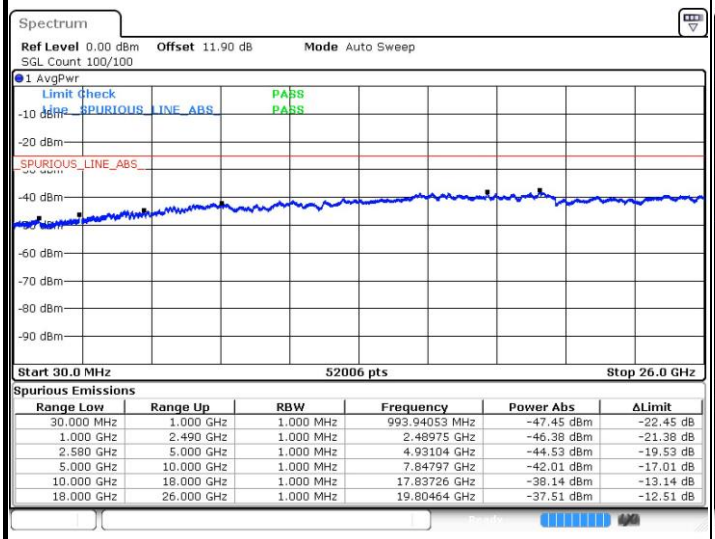
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-47.54 dBm	-22.54 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47784 GHz	-47.68 dBm	-22.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20374 GHz	-44.37 dBm	-19.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94776 GHz	-42.00 dBm	-17.00 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-38.17 dBm	-13.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81514 GHz	-37.75 dBm	-12.75 dB

Date: 5.FEB.2019 14:26:52

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

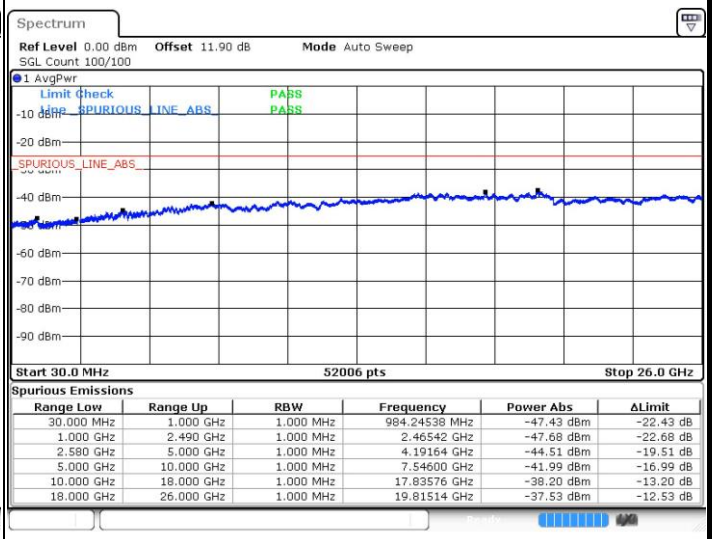


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-47.45 dBm	-22.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.38 dBm	-21.38 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93104 GHz	-44.53 dBm	-19.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.84797 GHz	-42.01 dBm	-17.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83726 GHz	-38.14 dBm	-13.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80464 GHz	-37.51 dBm	-12.51 dB

Date: 5.FEB.2019 13:18:28

Middle Channel / 64QAM

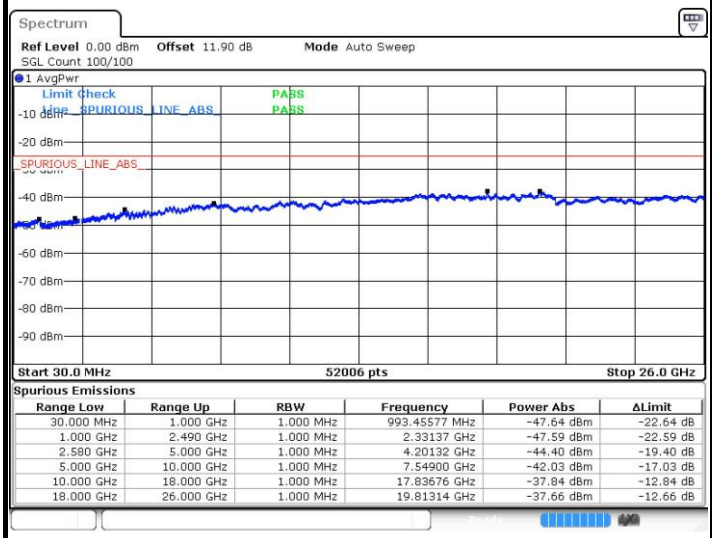


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-47.43 dBm	-22.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46542 GHz	-47.68 dBm	-22.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19164 GHz	-44.51 dBm	-19.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54600 GHz	-41.99 dBm	-16.99 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83576 GHz	-38.20 dBm	-13.20 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81514 GHz	-37.53 dBm	-12.53 dB

Date: 5.FEB.2019 13:19:34

Highest Channel / 64QAM



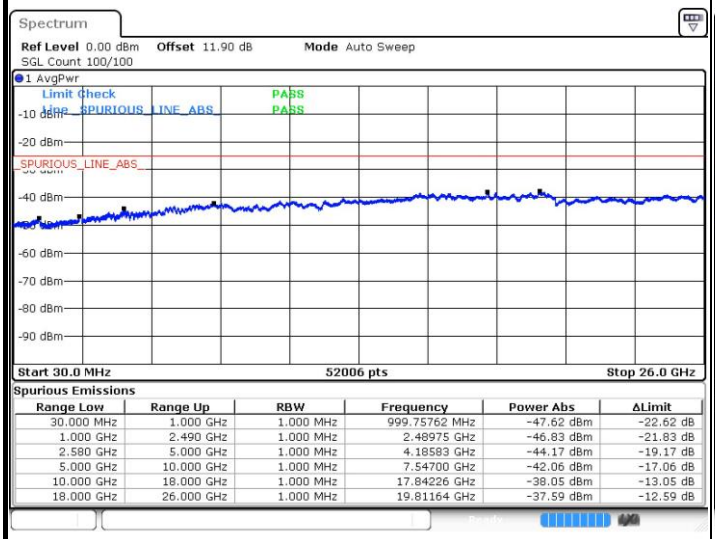
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-47.64 dBm	-22.64 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33137 GHz	-47.59 dBm	-22.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20132 GHz	-44.40 dBm	-19.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54900 GHz	-42.03 dBm	-17.03 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83676 GHz	-37.84 dBm	-12.84 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81314 GHz	-37.66 dBm	-12.66 dB

Date: 5.FEB.2019 13:22:41

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

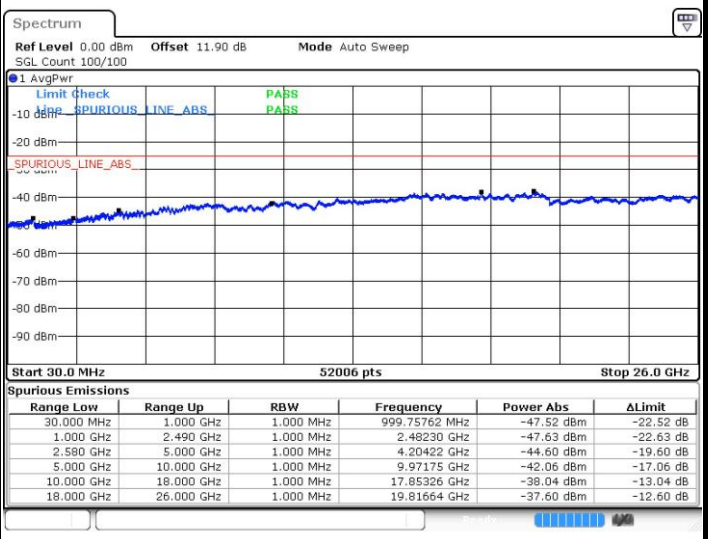


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-47.62 dBm	-22.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.83 dBm	-21.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18583 GHz	-44.17 dBm	-19.17 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54700 GHz	-42.06 dBm	-17.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81164 GHz	-37.59 dBm	-12.59 dB

Date: 5.FEB.2019 13:40:29

Middle Channel / 64QAM

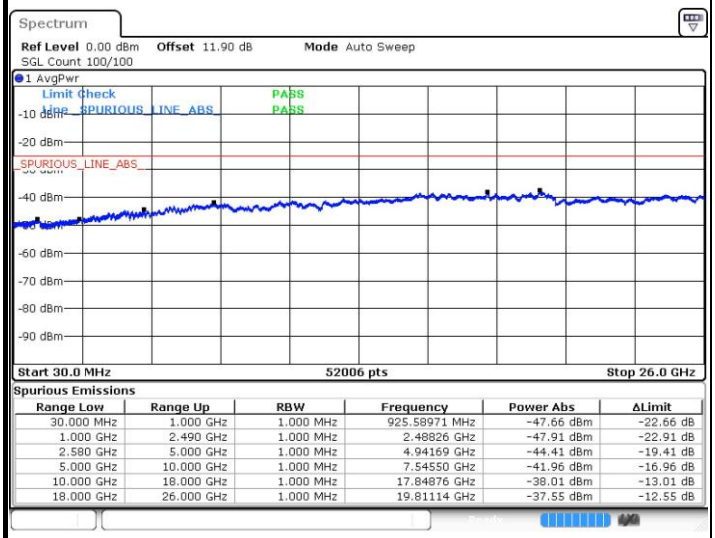


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-47.52 dBm	-22.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48230 GHz	-47.63 dBm	-22.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20422 GHz	-44.60 dBm	-19.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.97175 GHz	-42.06 dBm	-17.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85326 GHz	-38.04 dBm	-13.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81664 GHz	-37.60 dBm	-12.60 dB

Date: 5.FEB.2019 13:41:35

Highest Channel / 64QAM



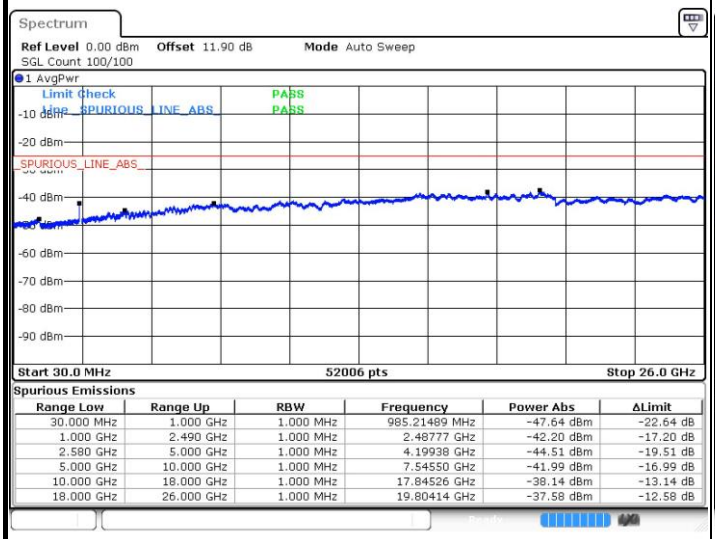
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-47.66 dBm	-22.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-47.91 dBm	-22.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94169 GHz	-44.41 dBm	-19.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54550 GHz	-41.96 dBm	-16.96 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84876 GHz	-38.01 dBm	-13.01 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81114 GHz	-37.55 dBm	-12.55 dB

Date: 5.FEB.2019 13:44:42

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

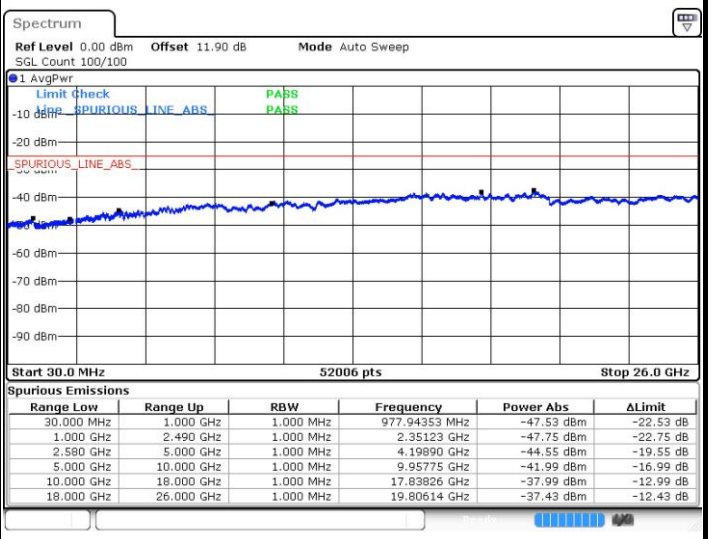


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-47.64 dBm	-22.64 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-42.20 dBm	-17.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19938 GHz	-44.51 dBm	-19.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54550 GHz	-41.99 dBm	-16.99 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84526 GHz	-38.14 dBm	-13.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80414 GHz	-37.58 dBm	-12.58 dB

Date: 5.FEB.2019 14:02:31

Middle Channel / 64QAM

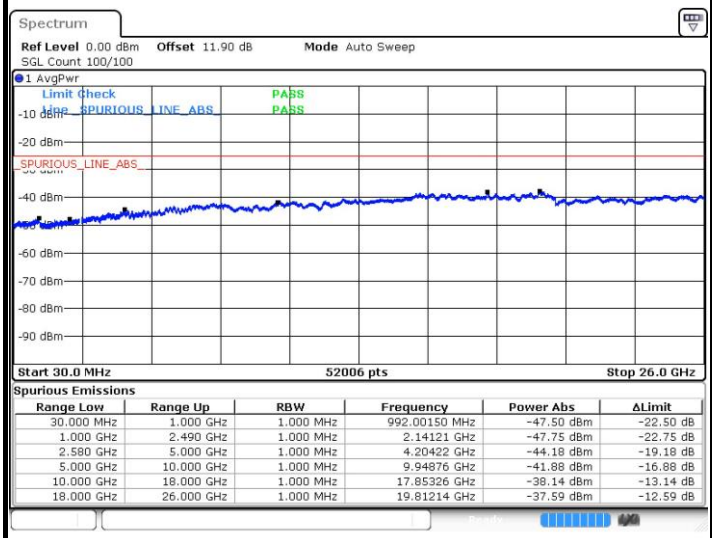


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-47.53 dBm	-22.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.35123 GHz	-47.75 dBm	-22.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19890 GHz	-44.55 dBm	-19.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95775 GHz	-41.99 dBm	-16.99 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83826 GHz	-37.99 dBm	-12.99 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80614 GHz	-37.43 dBm	-12.43 dB

Date: 5.FEB.2019 14:03:37

Highest Channel / 64QAM



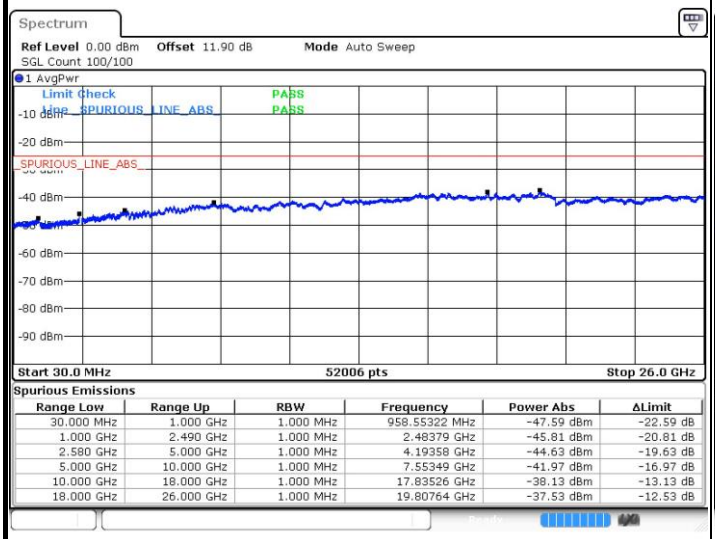
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-47.50 dBm	-22.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14121 GHz	-47.75 dBm	-22.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20422 GHz	-44.18 dBm	-19.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94876 GHz	-41.88 dBm	-16.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85326 GHz	-38.14 dBm	-13.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81214 GHz	-37.59 dBm	-12.59 dB

Date: 5.FEB.2019 14:06:45

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

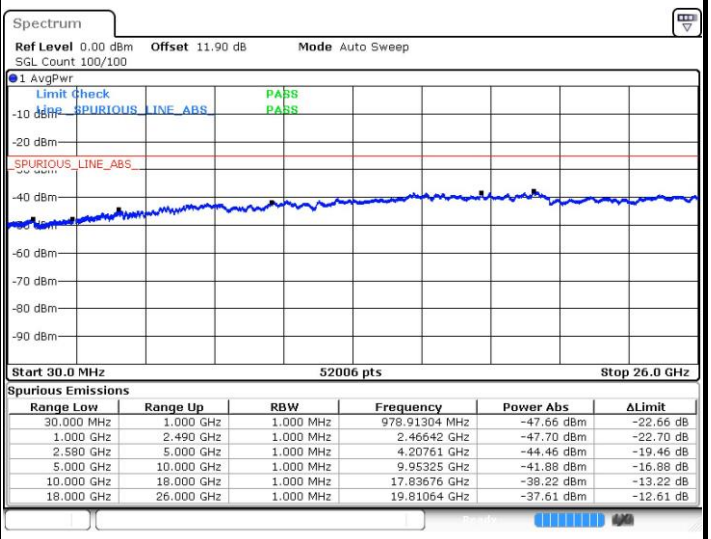


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-47.59 dBm	-22.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-45.81 dBm	-20.81 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19358 GHz	-44.63 dBm	-19.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55349 GHz	-41.97 dBm	-16.97 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83526 GHz	-38.13 dBm	-13.13 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80764 GHz	-37.53 dBm	-12.53 dB

Date: 5.FEB.2019 14:29:59

Middle Channel / 64QAM

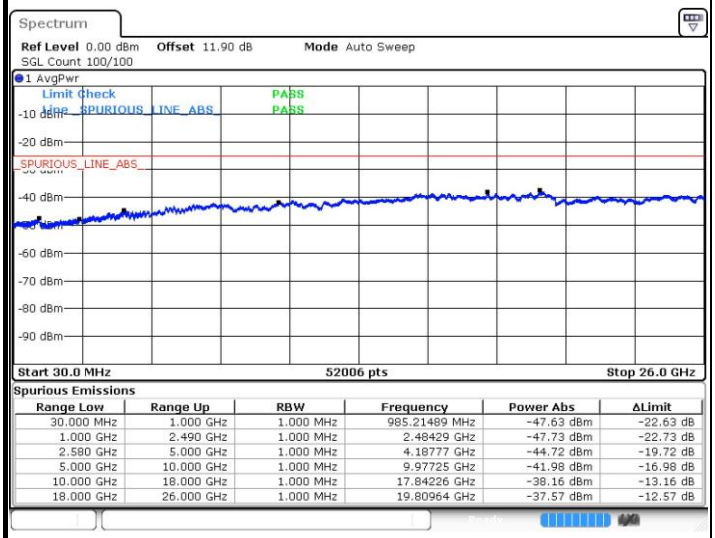


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-47.66 dBm	-22.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46642 GHz	-47.70 dBm	-22.70 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20761 GHz	-44.46 dBm	-19.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95325 GHz	-41.88 dBm	-16.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83676 GHz	-38.22 dBm	-13.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81064 GHz	-37.61 dBm	-12.61 dB

Date: 5.FEB.2019 14:31:05

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-47.63 dBm	-22.63 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-47.73 dBm	-22.73 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18777 GHz	-44.72 dBm	-19.72 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.97725 GHz	-41.98 dBm	-16.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-38.16 dBm	-13.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80964 GHz	-37.57 dBm	-12.57 dB

Date: 5.FEB.2019 14:34:13

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0061	
30	Normal Voltage	0.0065	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0057	
-10	Normal Voltage	0.0054	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0058	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0057	

Note:

1. Normal Voltage =3.9 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.

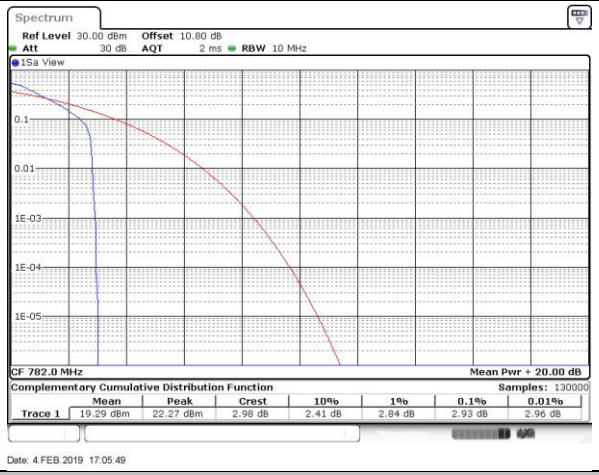
LTE Band 13

Peak-to-Average Ratio

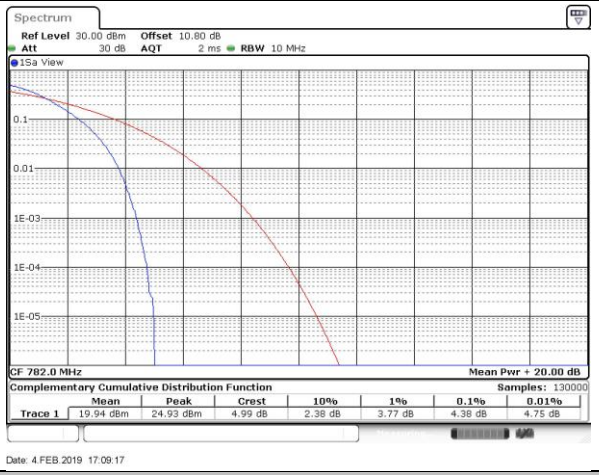
Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	2.93	4.38	4.17	5.62	
Highest CH	-	-	-	-	
Mode	LTE Band 13 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	5.13	6.17	-	-	
Highest CH	-	-	-	-	

LTE Band 13 / 10MHz / QPSK

Middle Channel / 1RB

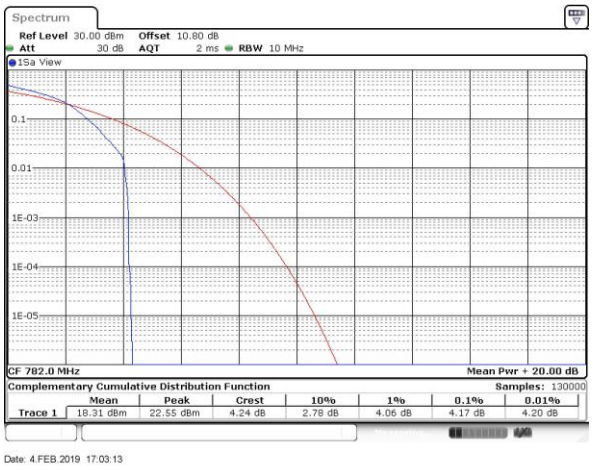


Middle Channel / Full RB

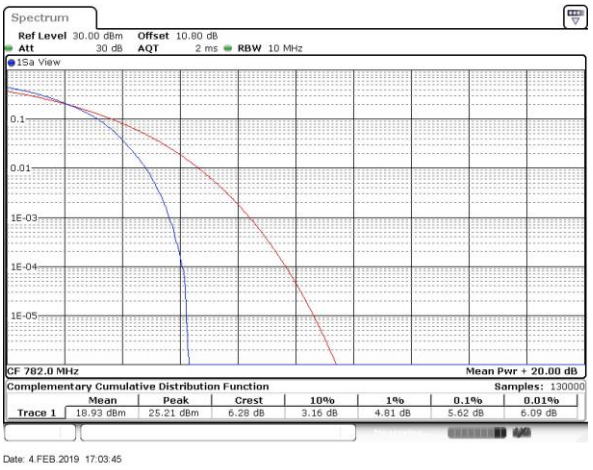


LTE Band 13 / 10MHz / 16QAM

Middle Channel / 1RB

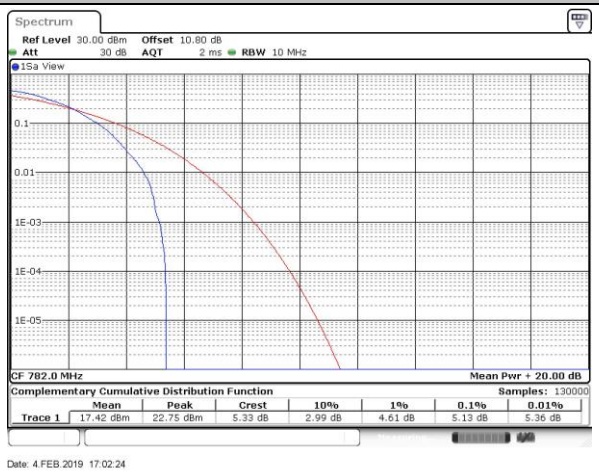


Middle Channel / Full RB

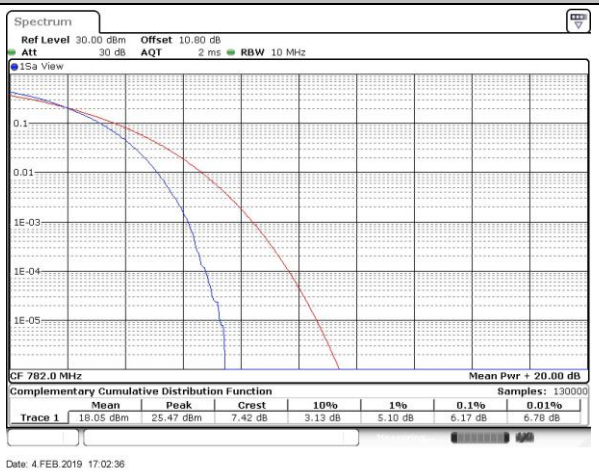


LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



Middle Channel / Full RB

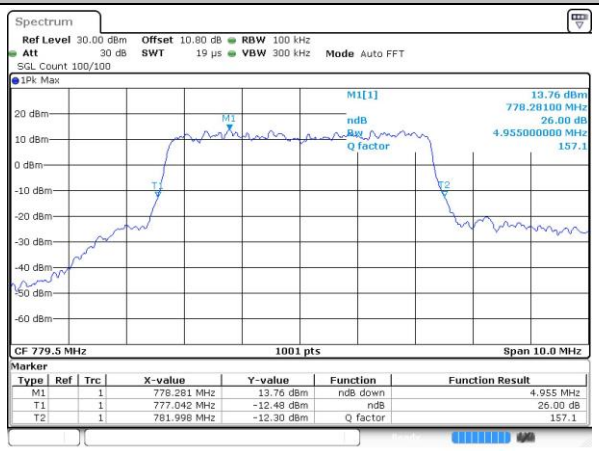


26dB Bandwidth

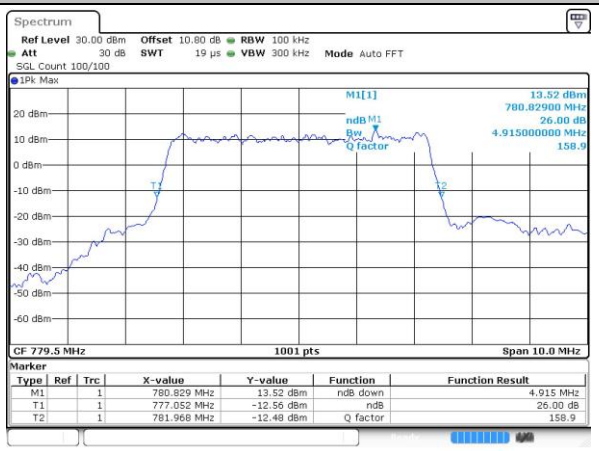
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.96	4.92	-	-	-	-	-	-
Middle CH	-	-	-	-	4.94	4.86	9.79	9.83	-	-	-	-
Highest CH	-	-	-	-	4.87	4.97	-	-	-	-	-	-
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.89	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.88	-	9.93	-	-	-	-	-
Highest CH	-	-	-	-	4.93	-	-	-	-	-	-	-

LTE Band 13

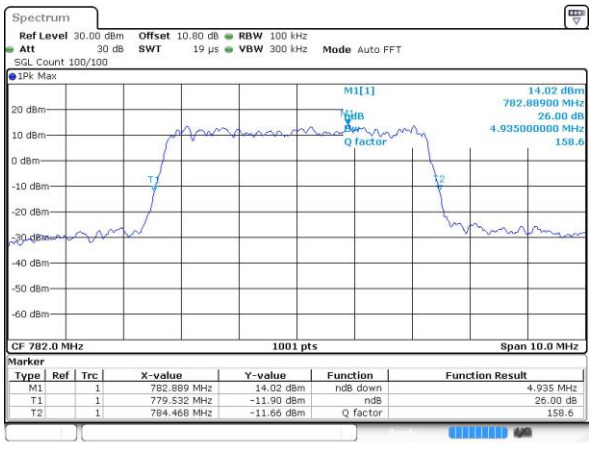
Lowest Channel / 5MHz / QPSK



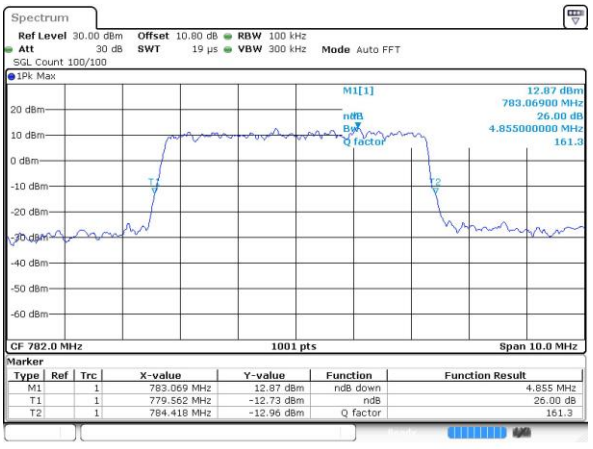
Lowest Channel / 5MHz / 16QAM



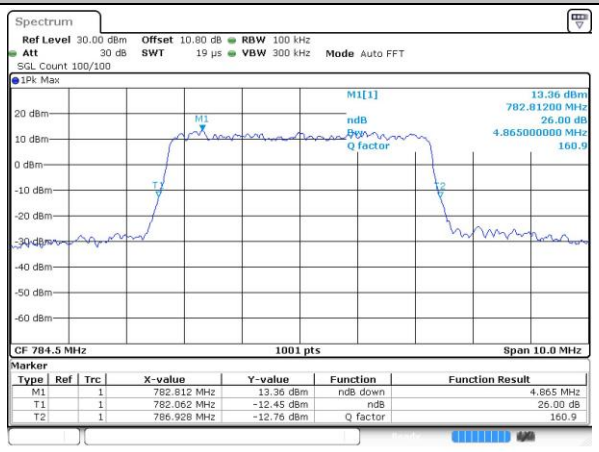
Middle Channel / 5MHz / QPSK



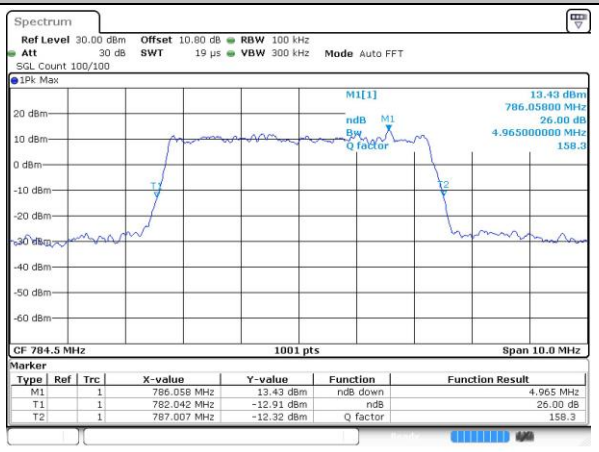
Middle Channel / 5MHz / 16QAM

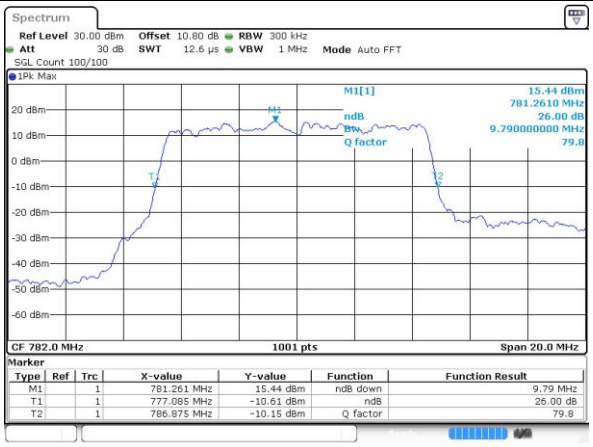
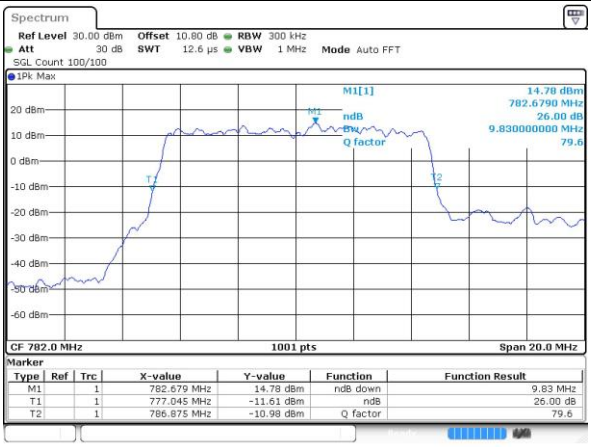


Highest Channel / 5MHz / QPSK



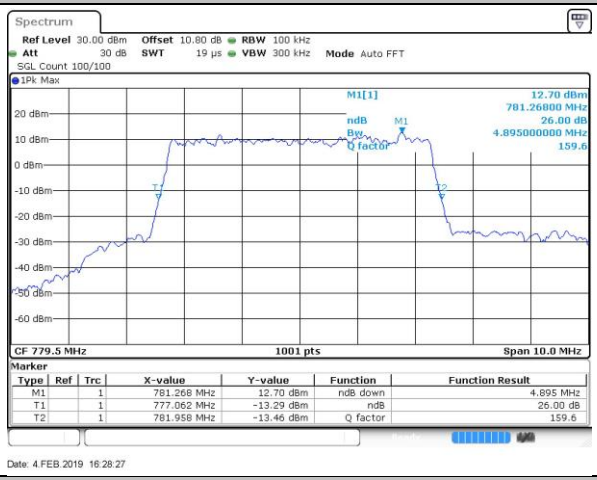
Highest Channel / 5MHz / 16QAM



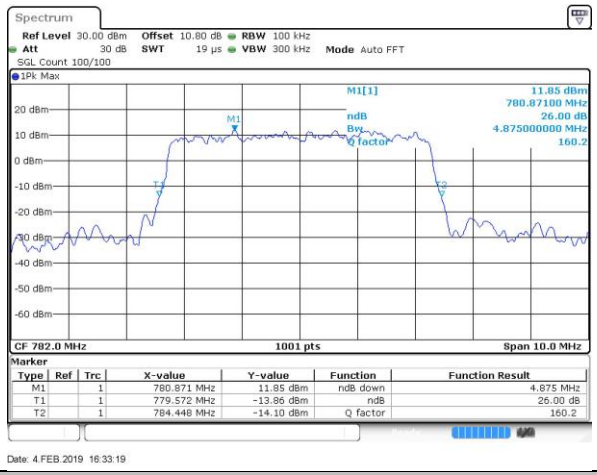
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 13

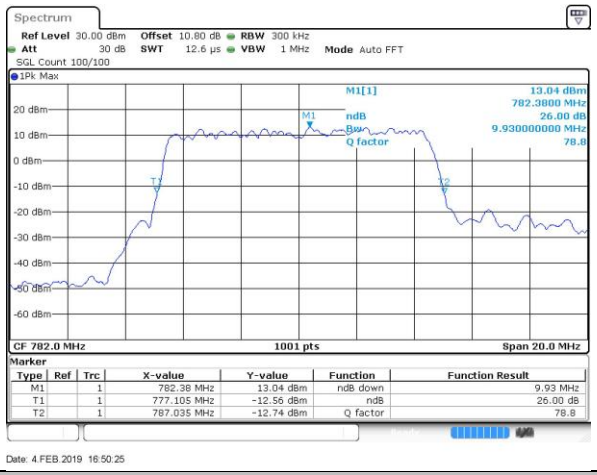
Lowest Channel / 5MHz / 64QAM



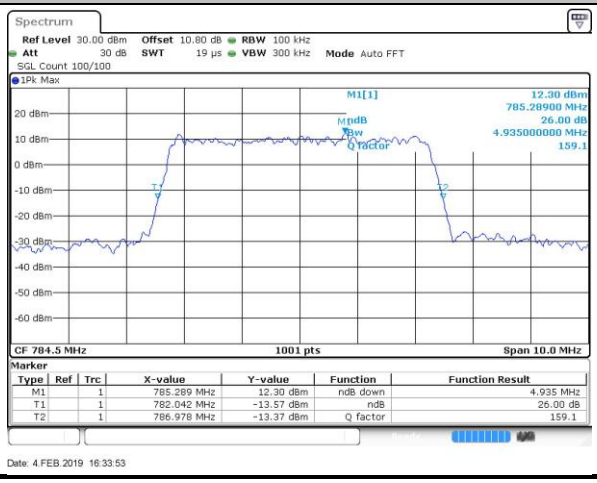
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

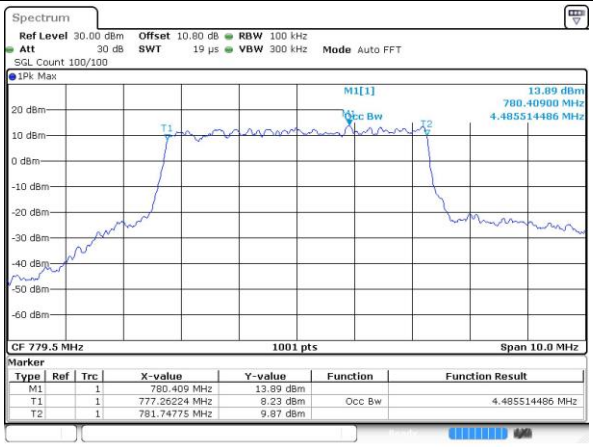


Occupied Bandwidth

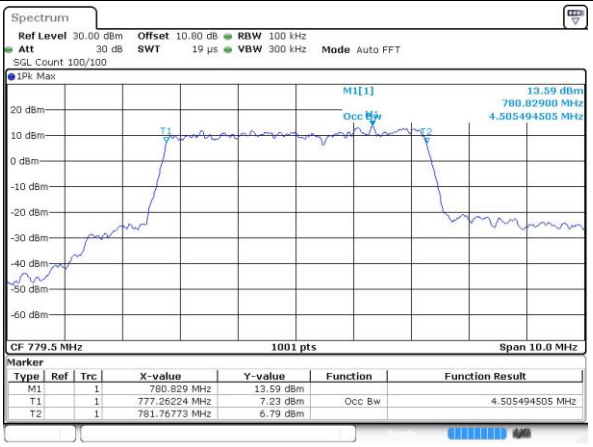
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.51	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	4.5	9.05	8.97	-	-	-	-
Highest CH	-	-	-	-	4.49	4.48	-	-	-	-	-	-
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	-	9.07	-	-	-	-	-
Highest CH	-	-	-	-	4.50	-	-	-	-	-	-	-

LTE Band 13

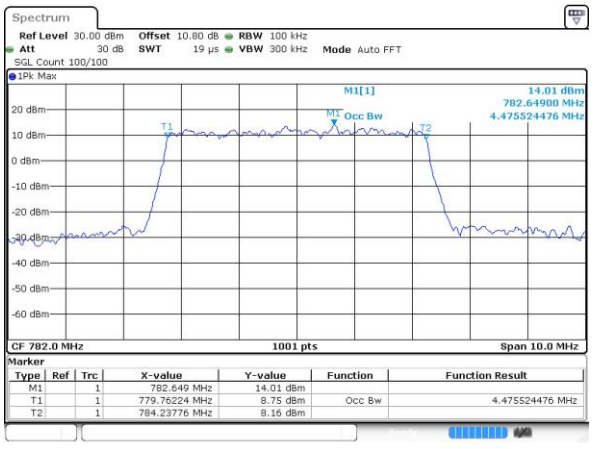
Lowest Channel / 5MHz / QPSK



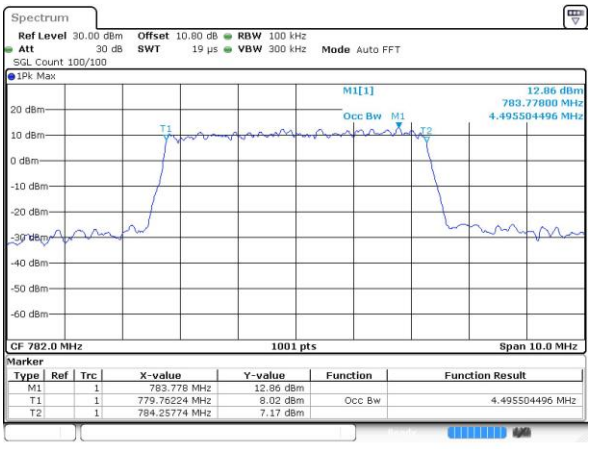
Lowest Channel / 5MHz / 16QAM



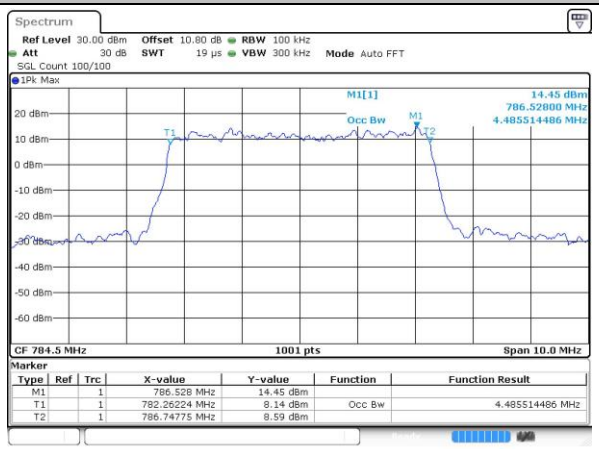
Middle Channel / 5MHz / QPSK



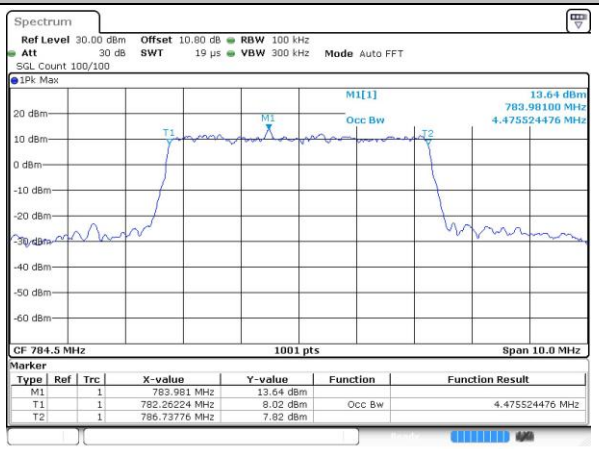
Middle Channel / 5MHz / 16QAM

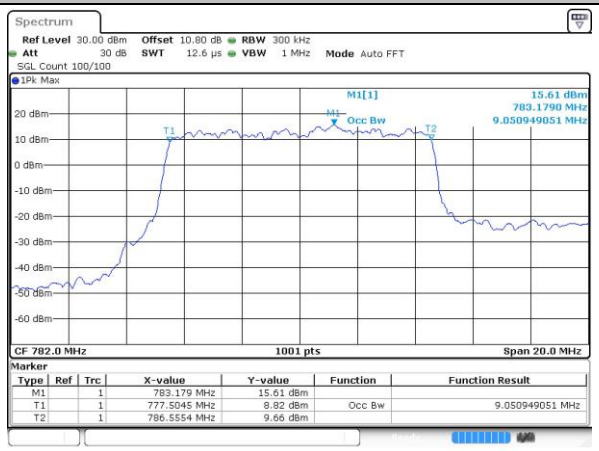
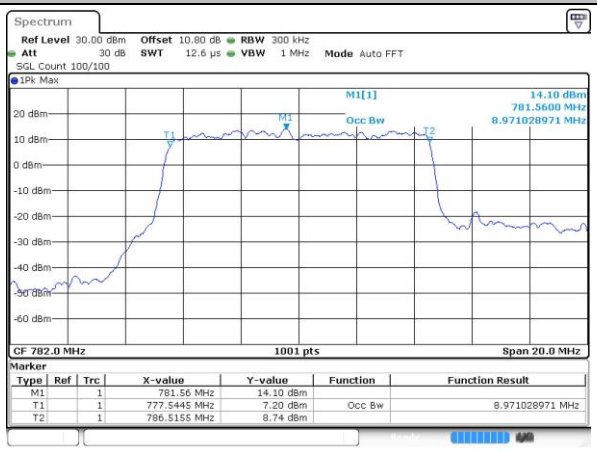


Highest Channel / 5MHz / QPSK



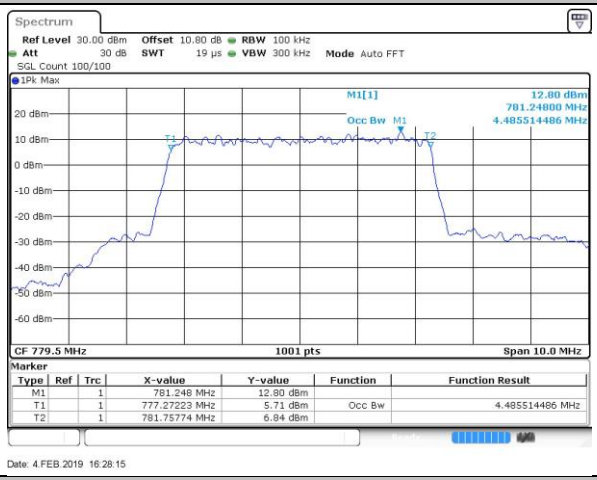
Highest Channel / 5MHz / 16QAM



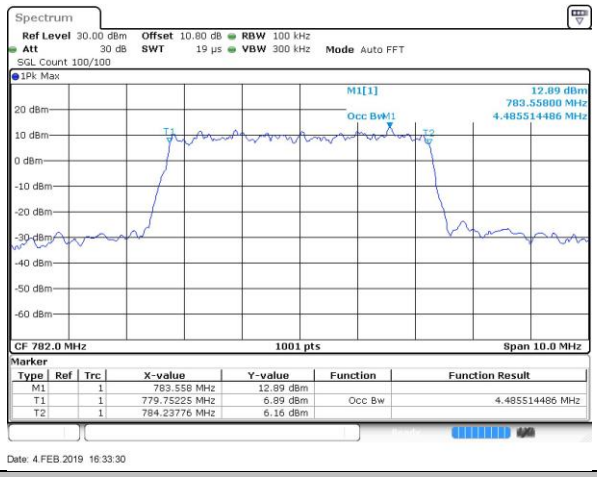
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 13

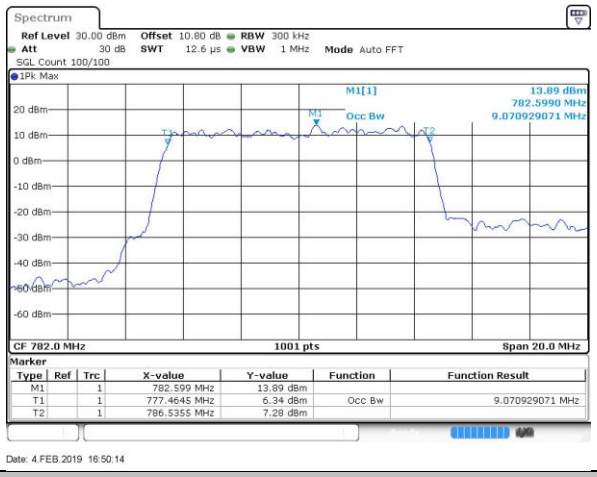
Lowest Channel / 5MHz / 64QAM



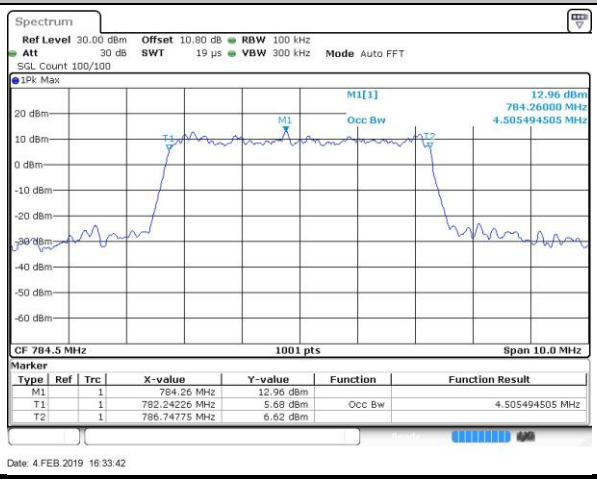
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



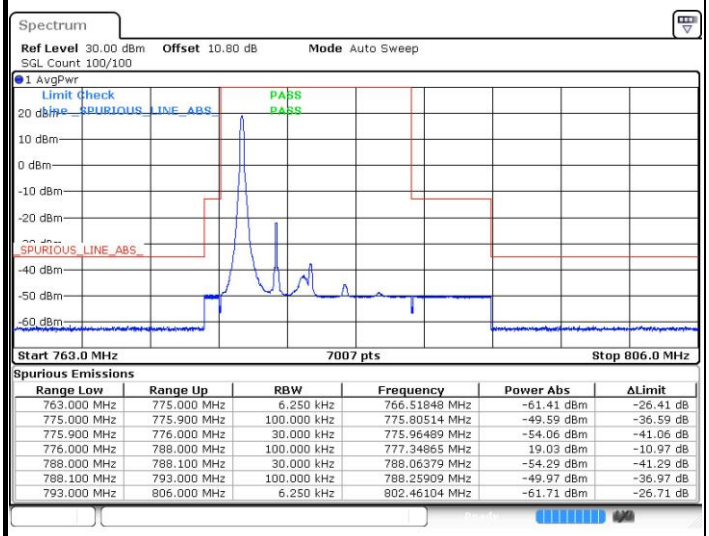
Highest Channel / 5MHz / 64QAM



Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

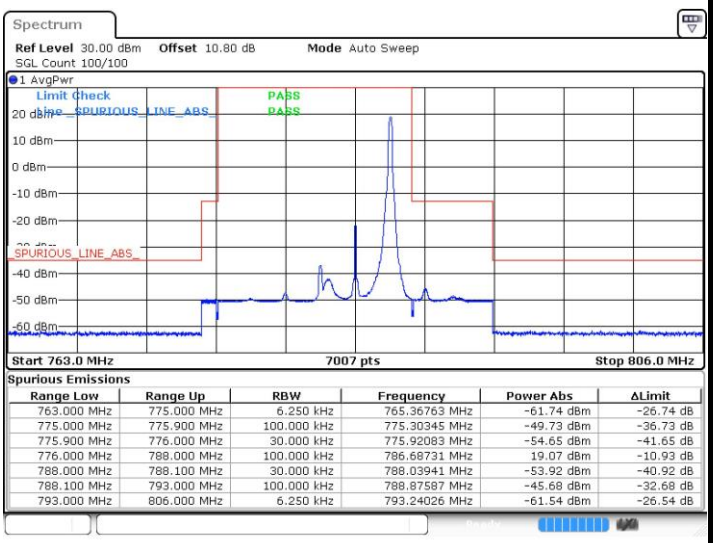


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.51848 MHz	-61.41 dBm	-26.41 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.80514 MHz	-49.59 dBm	-36.59 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96489 MHz	-54.06 dBm	-41.06 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.34865 MHz	19.03 dBm	-10.97 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06379 MHz	-54.29 dBm	-41.29 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.25909 MHz	-49.97 dBm	-36.97 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.46104 MHz	-61.71 dBm	-26.71 dB

Date: 4.FEB.2019 16:15:51

Highest Band Edge / 1 RB

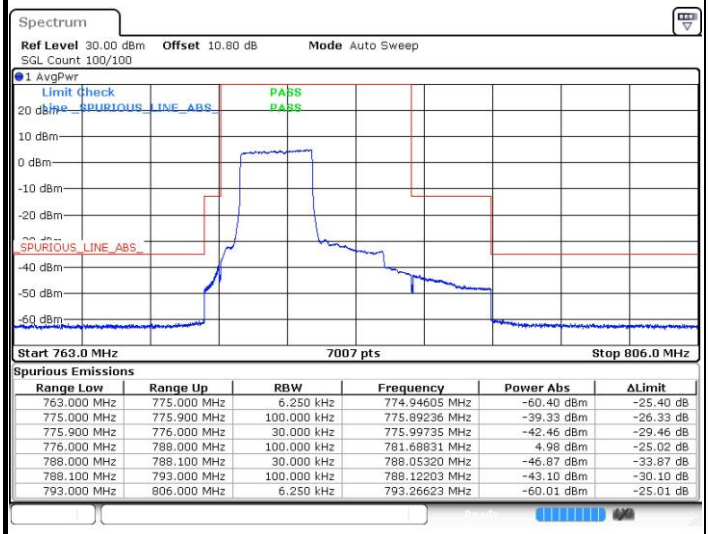


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.36763 MHz	-61.74 dBm	-26.74 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.30345 MHz	-49.73 dBm	-36.73 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92083 MHz	-54.65 dBm	-41.65 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	19.07 dBm	-10.93 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03941 MHz	-53.92 dBm	-40.92 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.87587 MHz	-45.68 dBm	-32.68 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.24026 MHz	-61.54 dBm	-26.54 dB

Date: 4.FEB.2019 16:26:44

Lowest Band Edge / Full RB

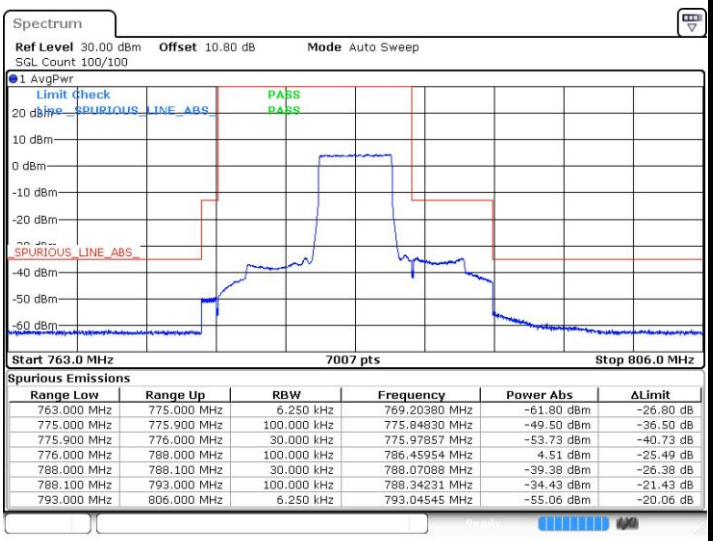


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-60.40 dBm	-25.40 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89236 MHz	-39.33 dBm	-26.33 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99735 MHz	-42.46 dBm	-29.46 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.68831 MHz	4.98 dBm	-25.02 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05320 MHz	-46.87 dBm	-33.87 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-43.10 dBm	-30.10 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.26623 MHz	-60.01 dBm	-25.01 dB

Date: 4.FEB.2019 16:10:50

Highest Band Edge / Full RB



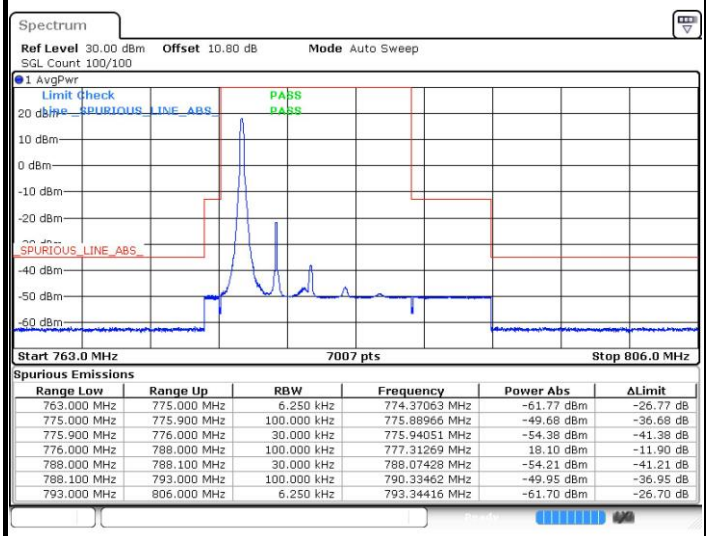
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.20380 MHz	-61.80 dBm	-26.80 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.84830 MHz	-49.50 dBm	-36.50 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97857 MHz	-53.73 dBm	-40.73 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.45954 MHz	4.51 dBm	-25.49 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07088 MHz	-39.38 dBm	-26.38 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.34231 MHz	-34.43 dBm	-21.43 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.04545 MHz	-55.06 dBm	-20.06 dB

Date: 4.FEB.2019 16:21:42

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

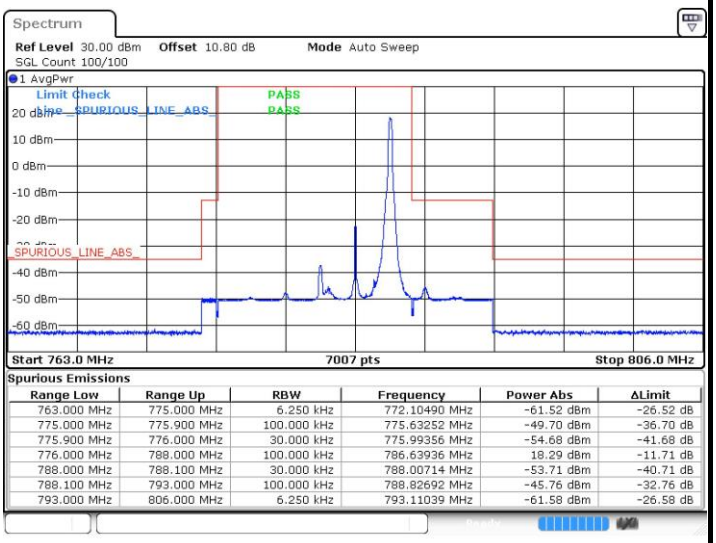


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.37063 MHz	-61.77 dBm	-26.77 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88966 MHz	-49.68 dBm	-36.68 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94051 MHz	-54.38 dBm	-41.38 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	18.10 dBm	-11.90 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07428 MHz	-54.21 dBm	-41.21 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.33462 MHz	-49.95 dBm	-36.95 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.34416 MHz	-61.70 dBm	-26.70 dB

Date: 4.FEB.2019 16:14:11

Highest Band Edge / 1 RB

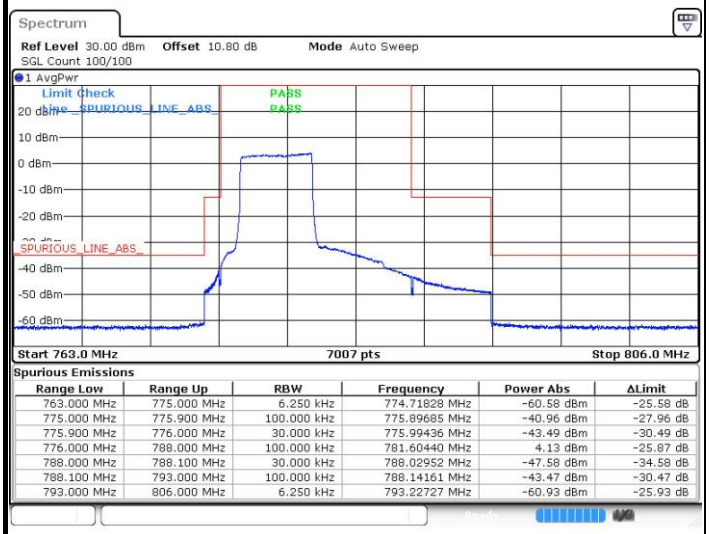


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.10490 MHz	-61.52 dBm	-26.52 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.63252 MHz	-49.70 dBm	-36.70 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99356 MHz	-54.68 dBm	-41.68 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.63936 MHz	18.29 dBm	-11.71 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00714 MHz	-53.71 dBm	-40.71 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.82692 MHz	-45.76 dBm	-32.76 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.11039 MHz	-61.58 dBm	-26.58 dB

Date: 4.FEB.2019 16:25:03

Lowest Band Edge / Full RB

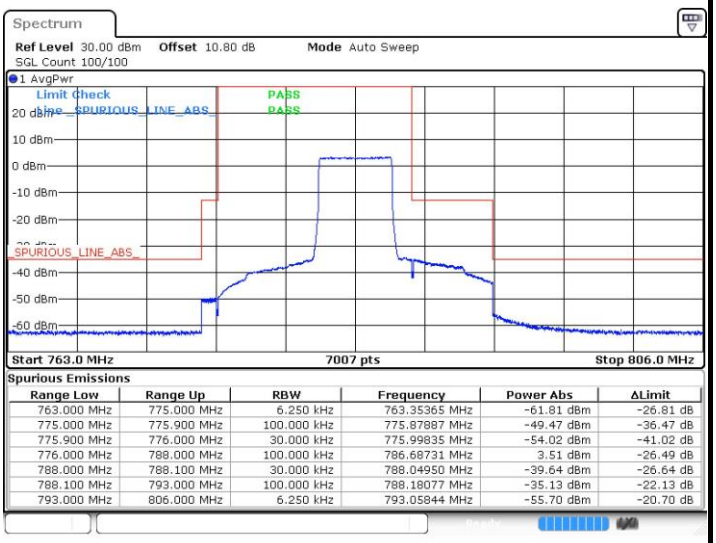


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.71828 MHz	-60.58 dBm	-25.58 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89685 MHz	-40.96 dBm	-27.96 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99436 MHz	-43.49 dBm	-30.49 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.60440 MHz	4.13 dBm	-25.87 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02952 MHz	-47.58 dBm	-34.58 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14161 MHz	-43.47 dBm	-30.47 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.22727 MHz	-60.93 dBm	-25.93 dB

Date: 4.FEB.2019 16:12:30

Highest Band Edge / Full RB



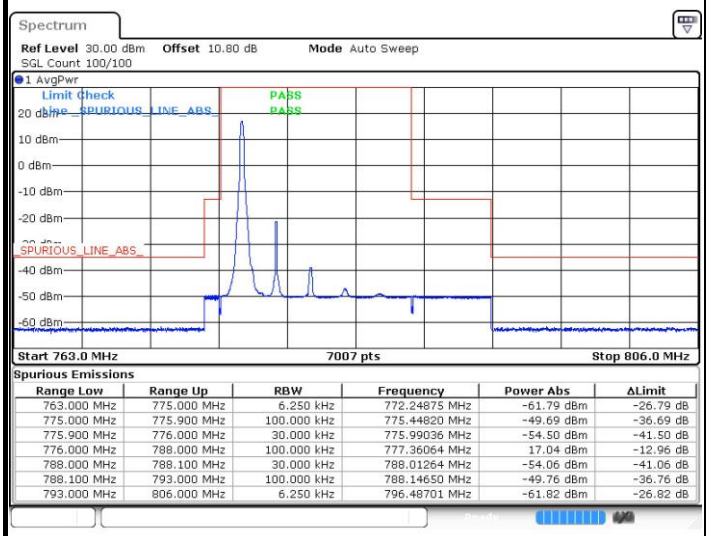
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	763.35365 MHz	-61.81 dBm	-26.81 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87887 MHz	-49.47 dBm	-36.47 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99835 MHz	-54.02 dBm	-41.02 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	3.51 dBm	-26.49 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04950 MHz	-39.64 dBm	-26.64 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18077 MHz	-35.13 dBm	-22.13 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.05844 MHz	-55.70 dBm	-20.70 dB

Date: 4.FEB.2019 16:23:23

LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

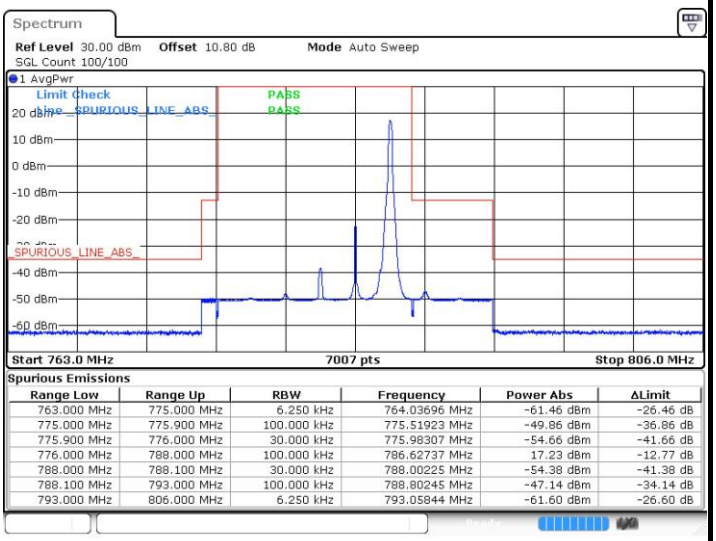


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.24875 MHz	-61.79 dBm	-26.79 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.44820 MHz	-49.69 dBm	-36.69 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99036 MHz	-54.50 dBm	-41.50 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.36064 MHz	17.04 dBm	-12.96 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01264 MHz	-54.06 dBm	-41.06 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14650 MHz	-49.76 dBm	-36.76 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.48701 MHz	-61.82 dBm	-26.82 dB

Date: 4.FEB.2019 16:31:47

Highest Band Edge / 1 RB

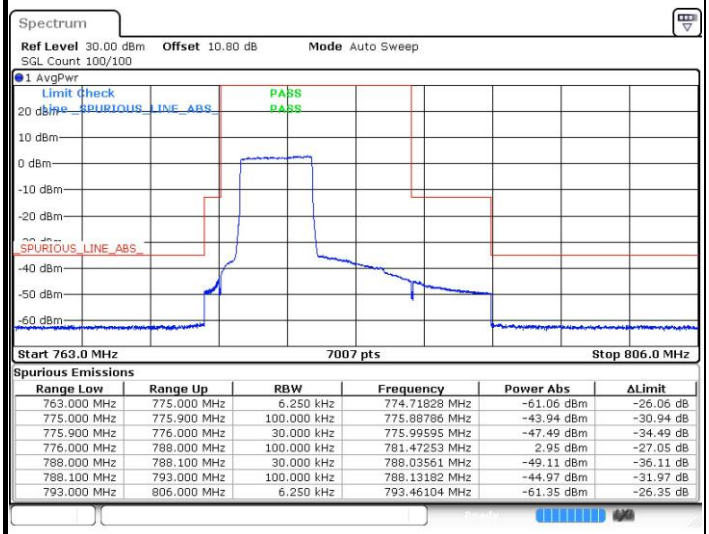


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.03696 MHz	-61.46 dBm	-26.46 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.51923 MHz	-49.86 dBm	-36.86 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98307 MHz	-54.66 dBm	-41.66 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	17.23 dBm	-12.77 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00225 MHz	-54.38 dBm	-41.38 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.80245 MHz	-47.14 dBm	-34.14 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.05844 MHz	-61.60 dBm	-26.60 dB

Date: 4.FEB.2019 16:37:13

Lowest Band Edge / Full RB

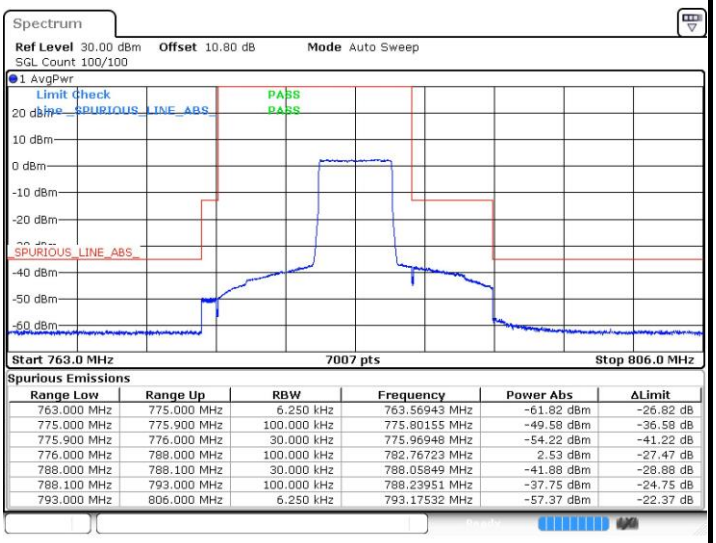


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.71828 MHz	-61.06 dBm	-26.06 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88786 MHz	-43.94 dBm	-30.94 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99595 MHz	-47.49 dBm	-34.49 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.47253 MHz	2.95 dBm	-27.05 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03561 MHz	-49.11 dBm	-36.11 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.13182 MHz	-44.97 dBm	-31.97 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.46104 MHz	-61.35 dBm	-26.35 dB

Date: 4.FEB.2019 16:30:07

Highest Band Edge / Full RB



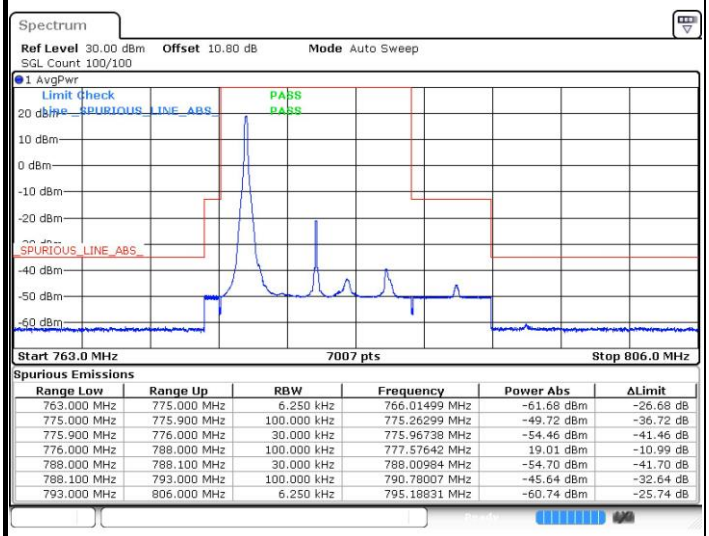
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	763.56943 MHz	-61.82 dBm	-26.82 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.80155 MHz	-49.58 dBm	-36.58 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96948 MHz	-54.22 dBm	-41.22 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.76723 MHz	2.53 dBm	-27.47 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05849 MHz	-41.88 dBm	-28.88 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.23951 MHz	-37.75 dBm	-24.75 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.17532 MHz	-57.37 dBm	-22.37 dB

Date: 4.FEB.2019 16:35:33

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

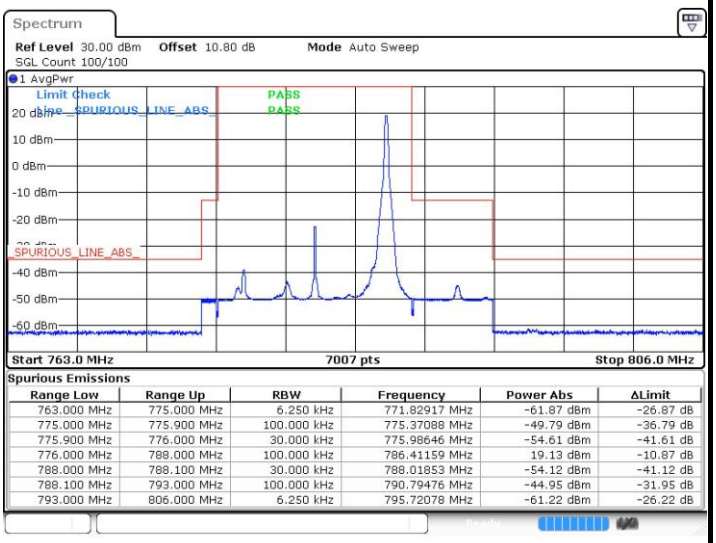


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.01499 MHz	-61.68 dBm	-26.68 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.26299 MHz	-49.72 dBm	-36.72 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96738 MHz	-54.46 dBm	-41.46 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	19.01 dBm	-10.99 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00984 MHz	-54.70 dBm	-41.70 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.78007 MHz	-45.64 dBm	-32.64 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.18831 MHz	-60.74 dBm	-25.74 dB

Date: 4.FEB.2019 16:45:21

Highest Band Edge / 1 RB

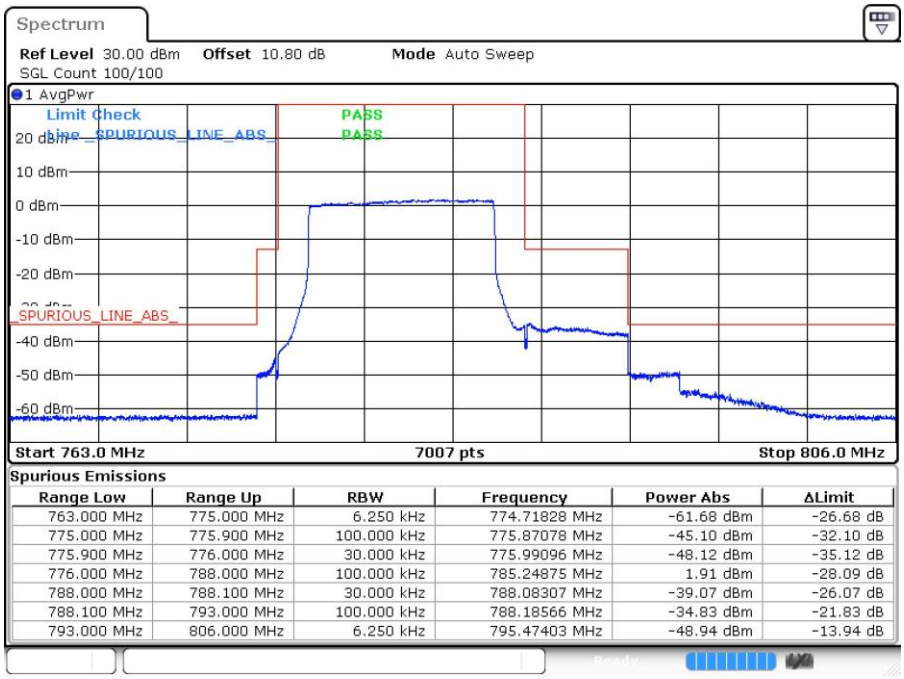


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.82917 MHz	-61.87 dBm	-26.87 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.37088 MHz	-49.79 dBm	-36.79 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98646 MHz	-54.61 dBm	-41.61 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.41159 MHz	19.13 dBm	-10.87 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01853 MHz	-54.12 dBm	-41.12 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.79476 MHz	-44.95 dBm	-31.95 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.72078 MHz	-61.22 dBm	-26.22 dB

Date: 4.FEB.2019 16:47:01

Band Edge / Full RB



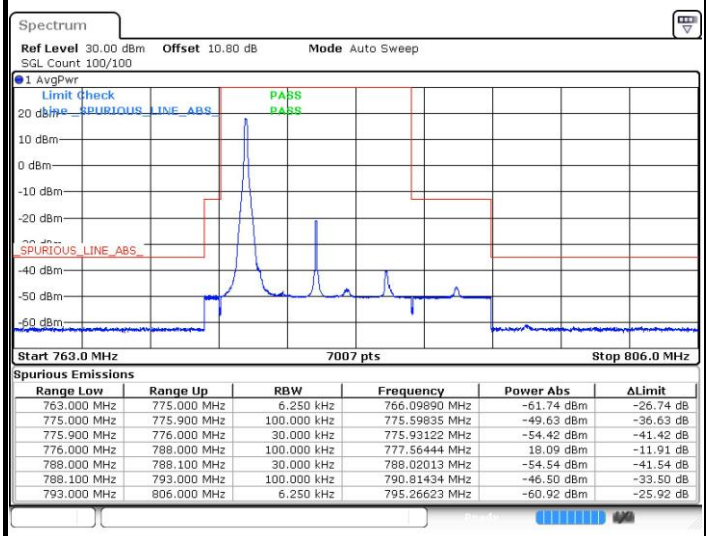
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.71828 MHz	-61.68 dBm	-26.68 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87078 MHz	-45.10 dBm	-32.10 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99096 MHz	-48.12 dBm	-35.12 dB
776.000 MHz	788.000 MHz	100.000 kHz	785.24875 MHz	1.91 dBm	-28.09 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08307 MHz	-39.07 dBm	-26.07 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18566 MHz	-34.83 dBm	-21.83 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.47403 MHz	-48.94 dBm	-13.94 dB

Date: 4.FEB.2019 16:40:20

LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

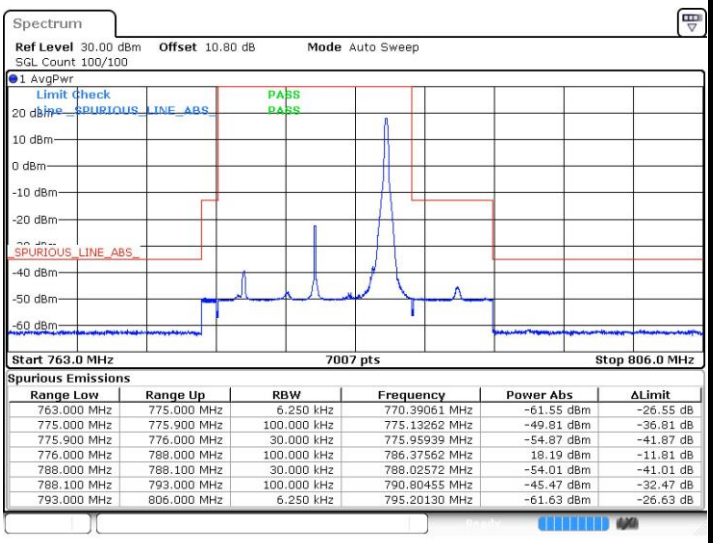


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.09890 MHz	-61.74 dBm	-26.74 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.59835 MHz	-49.63 dBm	-36.63 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93122 MHz	-54.42 dBm	-41.42 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.56444 MHz	18.09 dBm	-11.91 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02013 MHz	-54.54 dBm	-41.54 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.81434 MHz	-46.50 dBm	-33.50 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.26623 MHz	-60.92 dBm	-25.92 dB

Date: 4.FEB.2019 16:43:40

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	770.39061 MHz	-61.55 dBm	-26.55 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.13262 MHz	-49.81 dBm	-36.81 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95939 MHz	-54.87 dBm	-41.87 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.37562 MHz	18.19 dBm	-11.81 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02572 MHz	-54.01 dBm	-41.01 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80455 MHz	-45.47 dBm	-32.47 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.20130 MHz	-61.63 dBm	-26.63 dB

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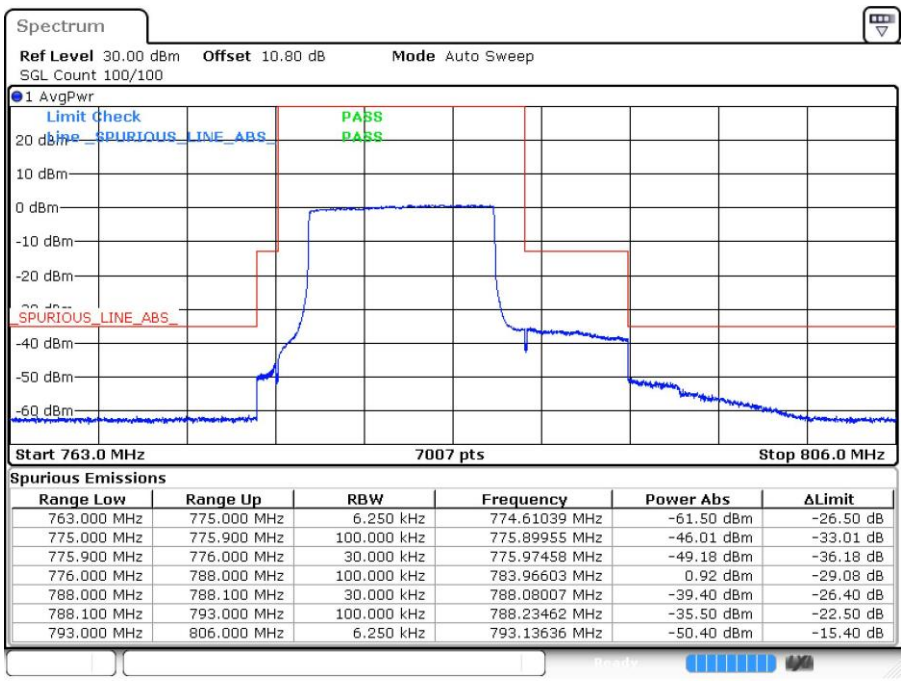
Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.61039 MHz	-61.50 dBm	-26.50 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-46.01 dBm	-33.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97458 MHz	-49.18 dBm	-36.18 dB
776.000 MHz	788.000 MHz	100.000 kHz	783.96603 MHz	0.92 dBm	-29.08 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08007 MHz	-39.40 dBm	-26.40 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.23462 MHz	-35.50 dBm	-22.50 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.13636 MHz	-50.40 dBm	-15.40 dB

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