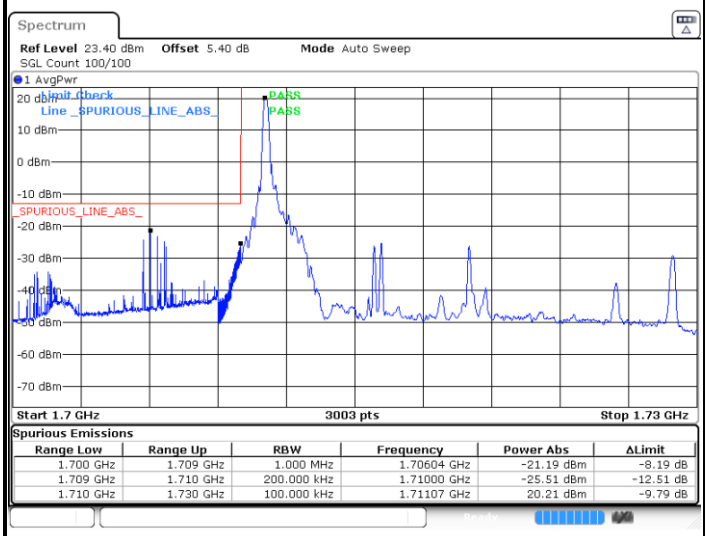
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

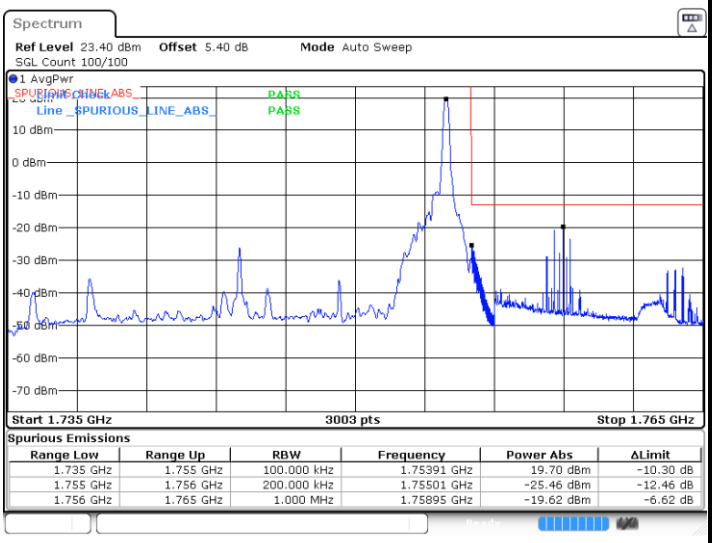


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70604 GHz	-21.19 dBm	-8.19 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-25.51 dBm	-12.51 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	20.21 dBm	-9.79 dB

Date: 3.DEC.2019 20:06:13

Highest Band Edge / 1 RB

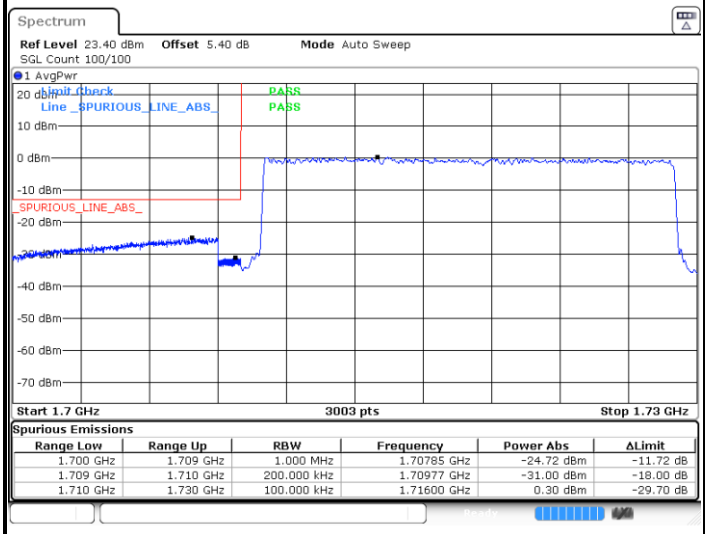


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75391 GHz	19.70 dBm	-10.30 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-25.46 dBm	-12.46 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75895 GHz	-19.62 dBm	-6.62 dB

Date: 3.DEC.2019 20:38:58

Lowest Band Edge / Full RB

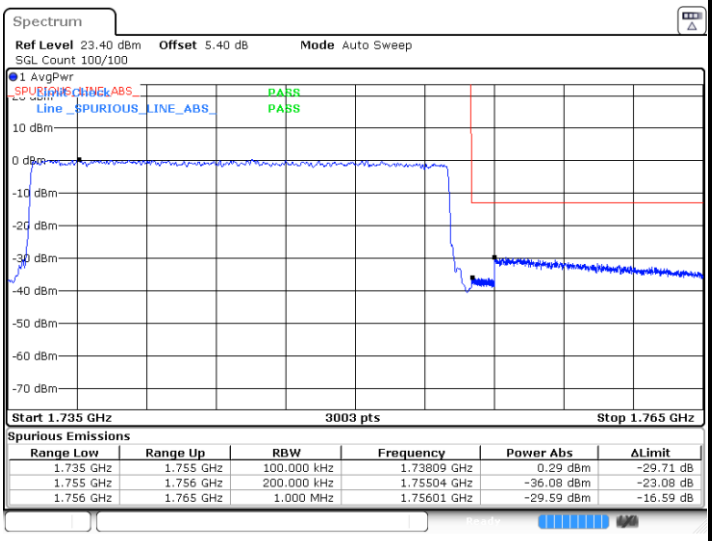


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70785 GHz	-24.72 dBm	-11.72 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70977 GHz	-31.00 dBm	-18.00 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71600 GHz	0.30 dBm	-29.70 dB

Date: 3.DEC.2019 20:08:28

Highest Band Edge / Full RB



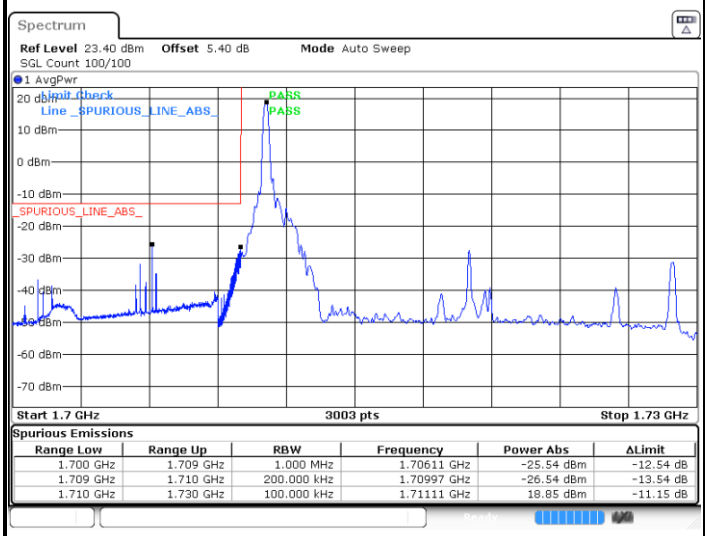
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73809 GHz	0.29 dBm	-29.71 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75504 GHz	-36.08 dBm	-23.08 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75601 GHz	-29.59 dBm	-16.59 dB

Date: 3.DEC.2019 20:41:13

LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

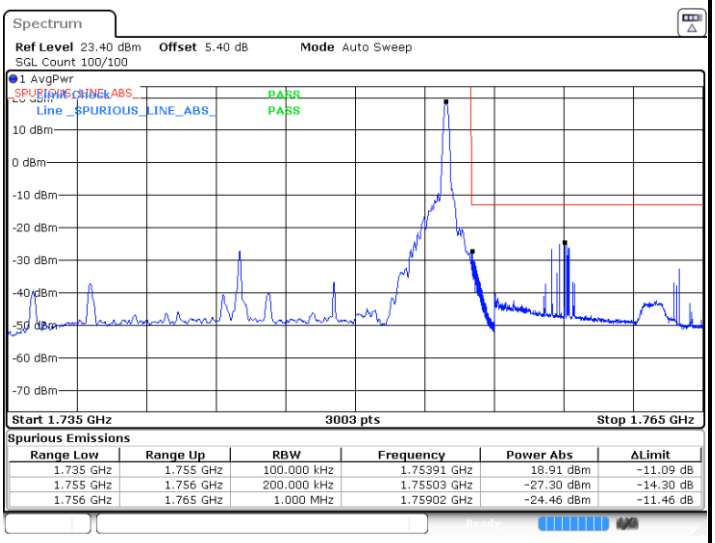


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70611 GHz	-25.54 dBm	-12.54 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-26.54 dBm	-13.54 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	18.85 dBm	-11.15 dB

Date: 3.DEC.2019 21:25:42

Highest Band Edge / 1 RB

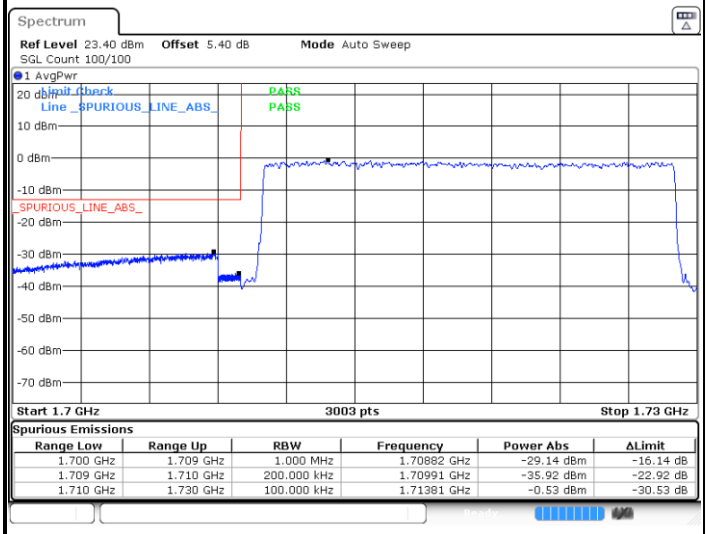


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75391 GHz	18.91 dBm	-11.09 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75503 GHz	-27.30 dBm	-14.30 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75902 GHz	-24.46 dBm	-11.46 dB

Date: 3.DEC.2019 21:30:26

Lowest Band Edge / Full RB

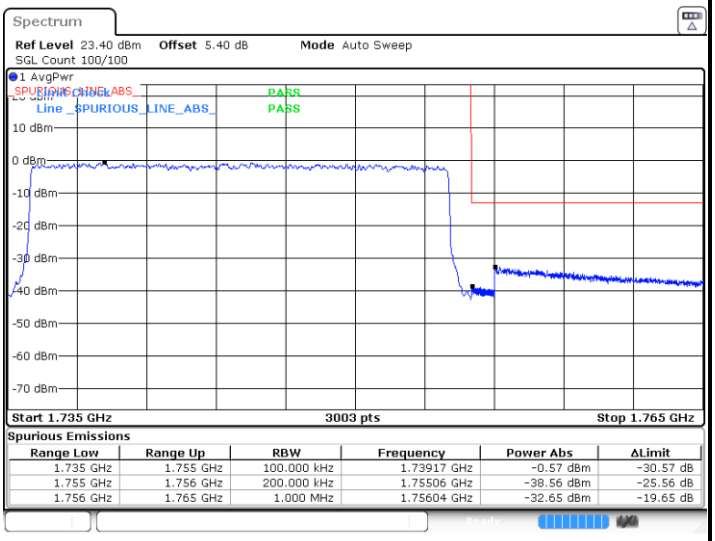


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-29.14 dBm	-16.14 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70991 GHz	-35.92 dBm	-22.92 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71381 GHz	-0.53 dBm	-30.53 dB

Date: 3.DEC.2019 21:26:50

Highest Band Edge / Full RB



Spurious Emissions

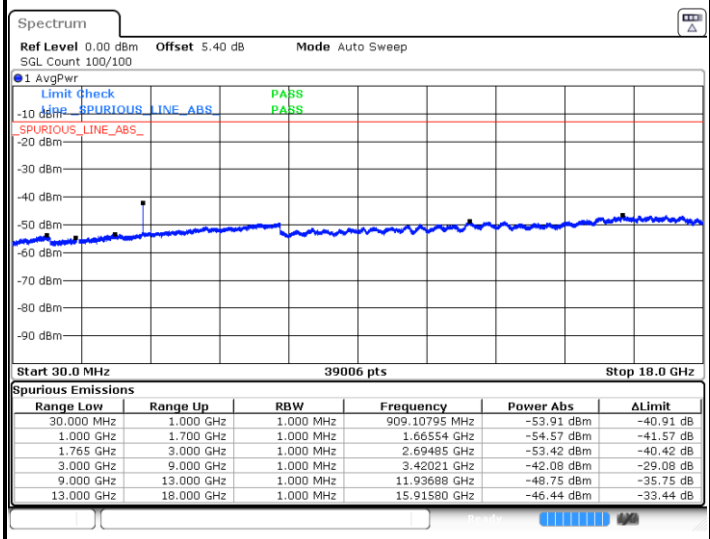
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73917 GHz	-0.57 dBm	-30.57 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75506 GHz	-38.56 dBm	-25.56 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-32.65 dBm	-19.65 dB

Date: 3.DEC.2019 21:31:34

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

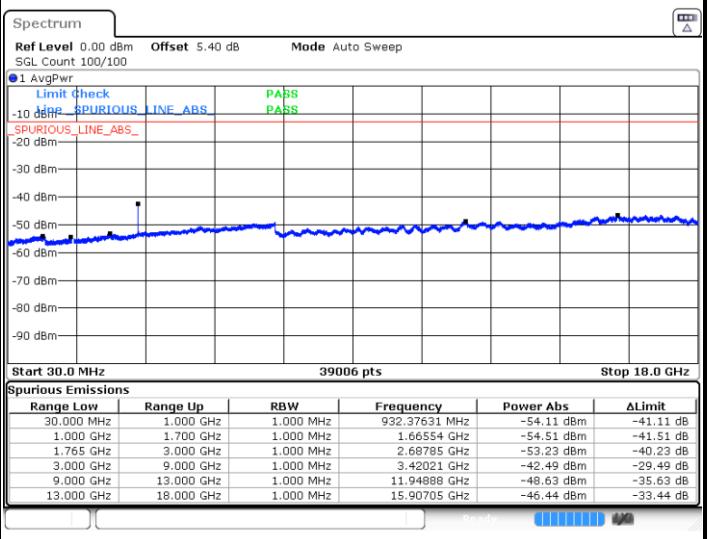


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.10795 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-54.57 dBm	-41.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69485 GHz	-53.42 dBm	-40.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-42.08 dBm	-29.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93688 GHz	-48.75 dBm	-35.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91580 GHz	-46.44 dBm	-33.44 dB

Date: 3.DEC.2019 18:41:36

Lowest Channel / 16QAM

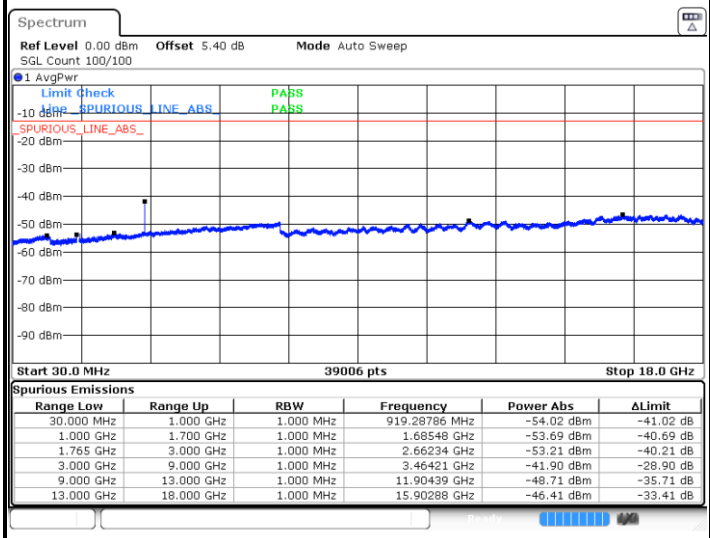


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-54.11 dBm	-41.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-54.51 dBm	-41.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.68785 GHz	-53.23 dBm	-40.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-42.49 dBm	-29.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94888 GHz	-48.63 dBm	-35.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90705 GHz	-46.44 dBm	-33.44 dB

Date: 3.DEC.2019 18:42:30

Middle Channel / QPSK

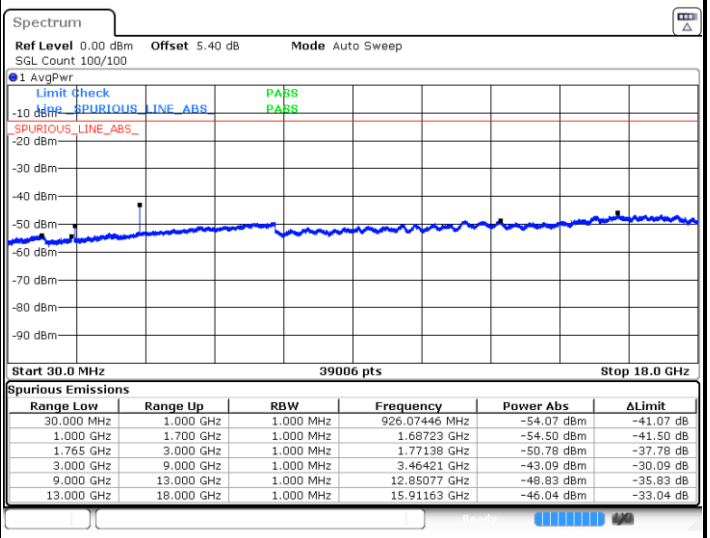


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-54.02 dBm	-41.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68548 GHz	-53.69 dBm	-40.69 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66234 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-41.90 dBm	-28.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90439 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90288 GHz	-46.41 dBm	-33.41 dB

Date: 3.DEC.2019 18:44:05

Middle Channel / 16QAM



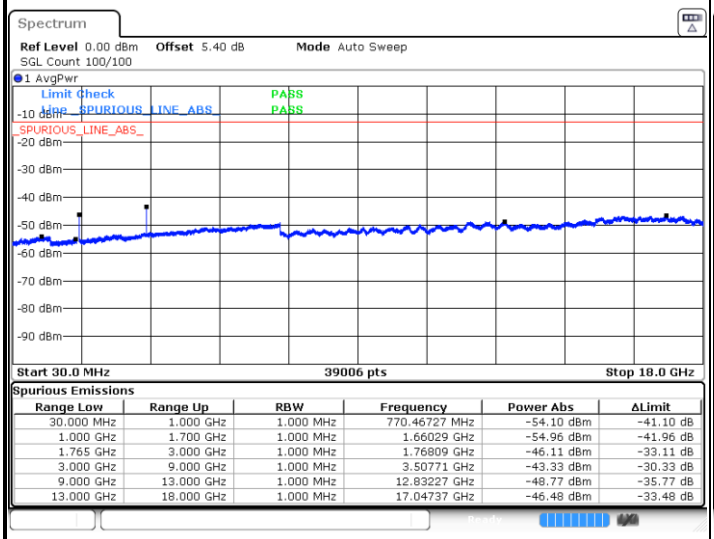
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-54.07 dBm	-41.07 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68723 GHz	-54.50 dBm	-41.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77138 GHz	-50.78 dBm	-37.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-43.09 dBm	-30.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85077 GHz	-48.83 dBm	-35.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91163 GHz	-46.04 dBm	-33.04 dB

Date: 3.DEC.2019 18:45:00

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

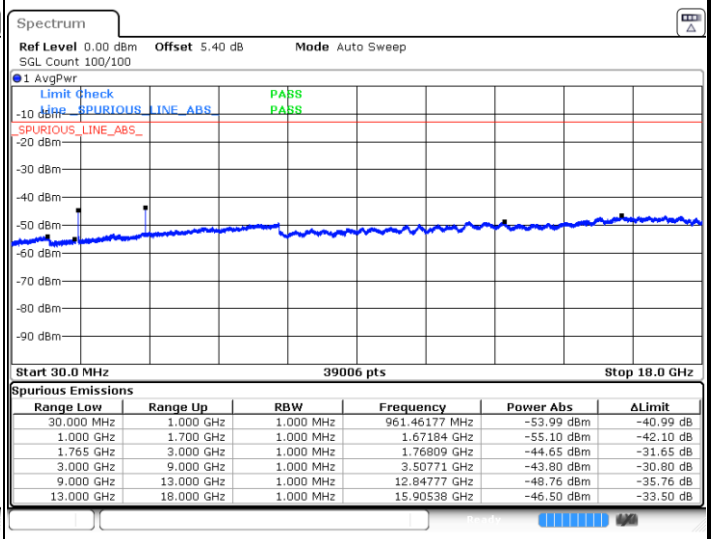


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	770.46727 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66029 GHz	-54.96 dBm	-41.96 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76809 GHz	-46.11 dBm	-33.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-43.33 dBm	-30.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83227 GHz	-48.77 dBm	-35.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04737 GHz	-46.48 dBm	-33.48 dB

Date: 3.DEC.2019 18:51:04

Highest Channel / 16QAM



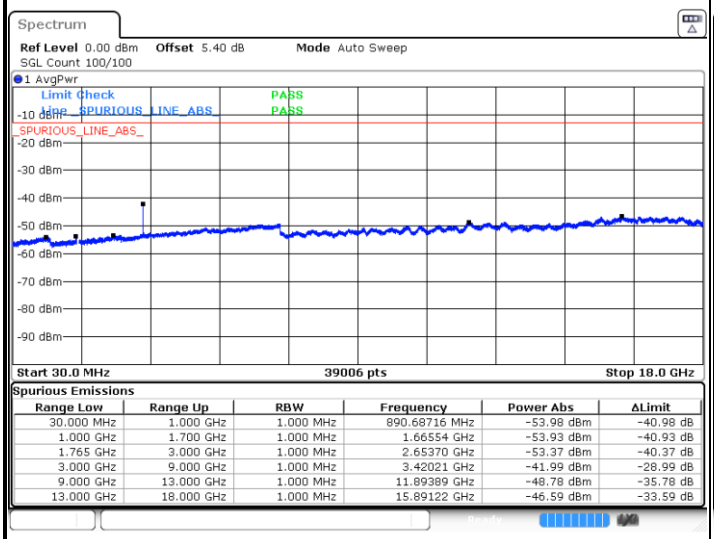
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-53.99 dBm	-40.99 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67184 GHz	-55.10 dBm	-42.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76809 GHz	-44.65 dBm	-31.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-43.80 dBm	-30.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84777 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90538 GHz	-46.50 dBm	-33.50 dB

Date: 3.DEC.2019 18:51:59

LTE Band 4 / 3MHz

Lowest Channel / QPSK

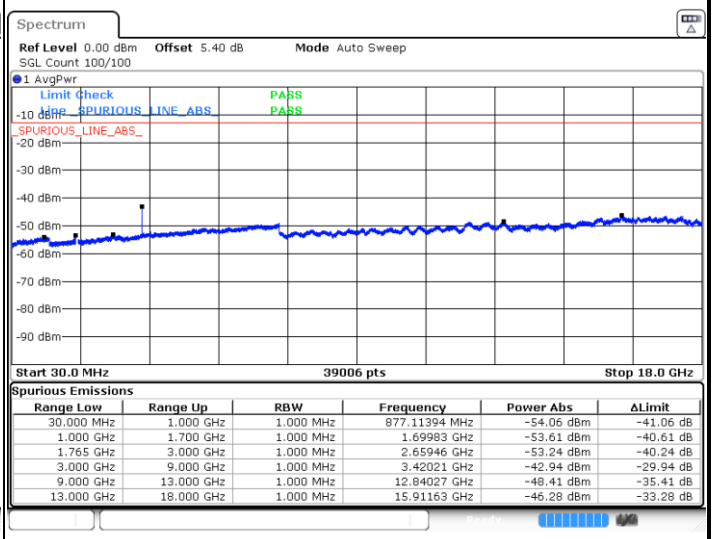


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-53.98 dBm	-40.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-53.93 dBm	-40.93 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65370 GHz	-53.37 dBm	-40.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-41.99 dBm	-28.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89389 GHz	-48.78 dBm	-35.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89122 GHz	-46.59 dBm	-33.59 dB

Date: 3.DEC.2019 18:58:03

Lowest Channel / 16QAM



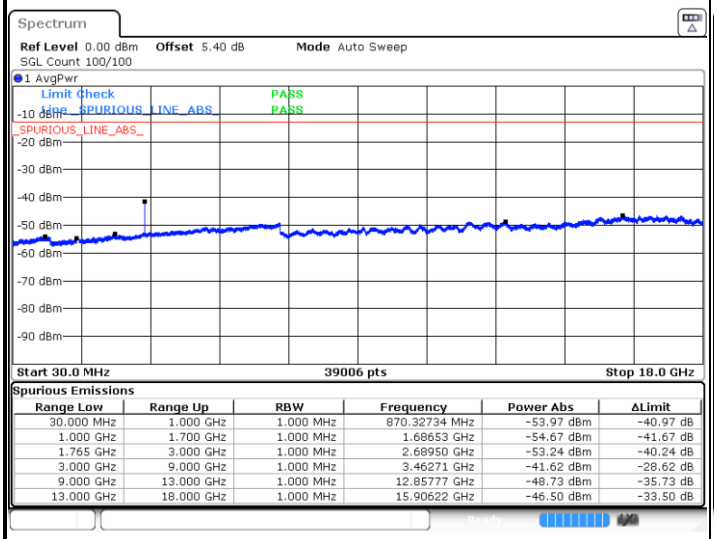
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.11394 MHz	-54.06 dBm	-41.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-53.61 dBm	-40.61 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65946 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-42.94 dBm	-29.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84027 GHz	-48.41 dBm	-35.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91163 GHz	-46.28 dBm	-33.28 dB

Date: 3.DEC.2019 18:58:58

LTE Band 4 / 3MHz

Middle Channel / QPSK

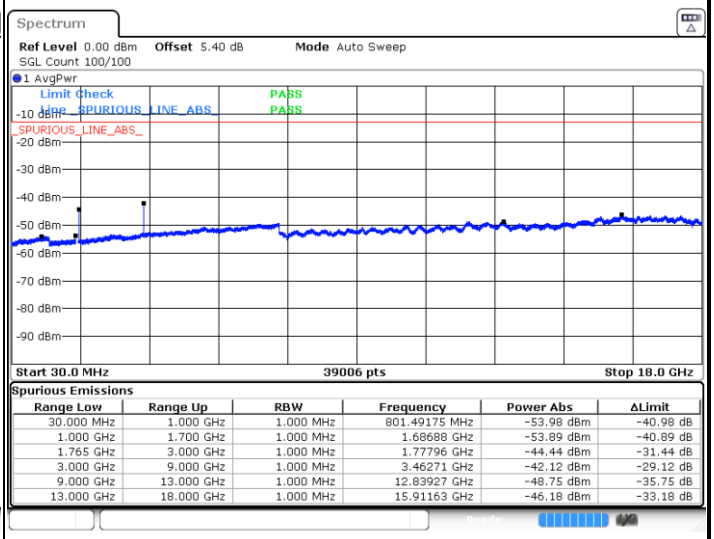


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.32734 MHz	-53.97 dBm	-40.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68653 GHz	-54.67 dBm	-41.67 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.68950 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85777 GHz	-48.73 dBm	-35.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90622 GHz	-46.50 dBm	-33.50 dB

Date: 3.DEC.2019 19:00:32

Middle Channel / 16QAM

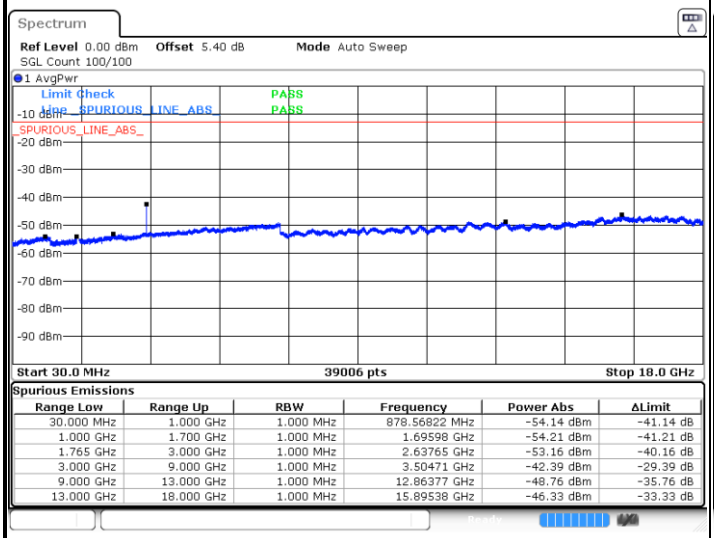


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	801.49175 MHz	-53.98 dBm	-40.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68688 GHz	-53.89 dBm	-40.89 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77796 GHz	-44.44 dBm	-31.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-42.12 dBm	-29.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83927 GHz	-48.75 dBm	-35.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91163 GHz	-46.18 dBm	-33.18 dB

Date: 3.DEC.2019 19:01:27

Highest Channel / QPSK

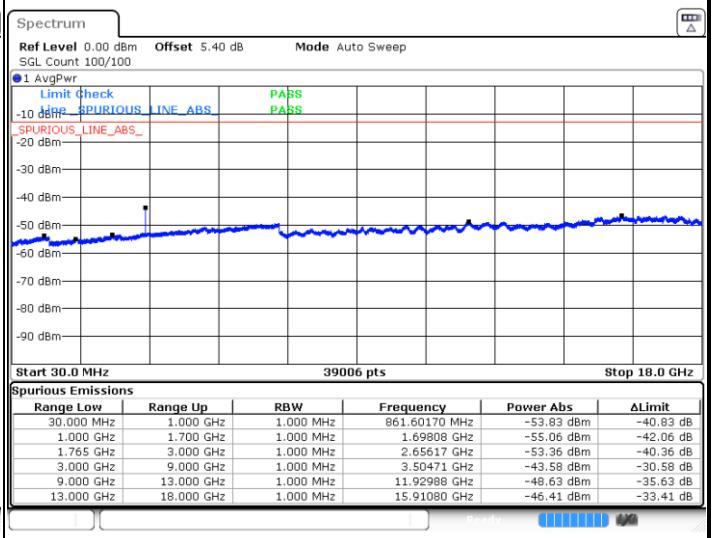


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.56822 MHz	-54.14 dBm	-41.14 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-54.21 dBm	-41.21 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63765 GHz	-53.16 dBm	-40.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-42.39 dBm	-29.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86377 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89538 GHz	-46.33 dBm	-33.33 dB

Date: 3.DEC.2019 19:07:31

Highest Channel / 16QAM



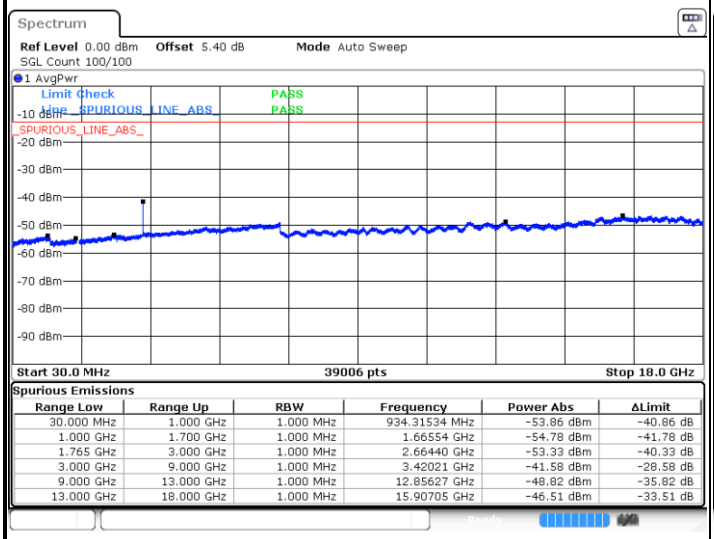
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	861.60170 MHz	-53.83 dBm	-40.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-55.06 dBm	-42.06 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65617 GHz	-53.36 dBm	-40.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-43.58 dBm	-30.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92988 GHz	-48.63 dBm	-35.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91080 GHz	-46.41 dBm	-33.41 dB

Date: 3.DEC.2019 19:08:25

LTE Band 4 / 5MHz

Lowest Channel / QPSK

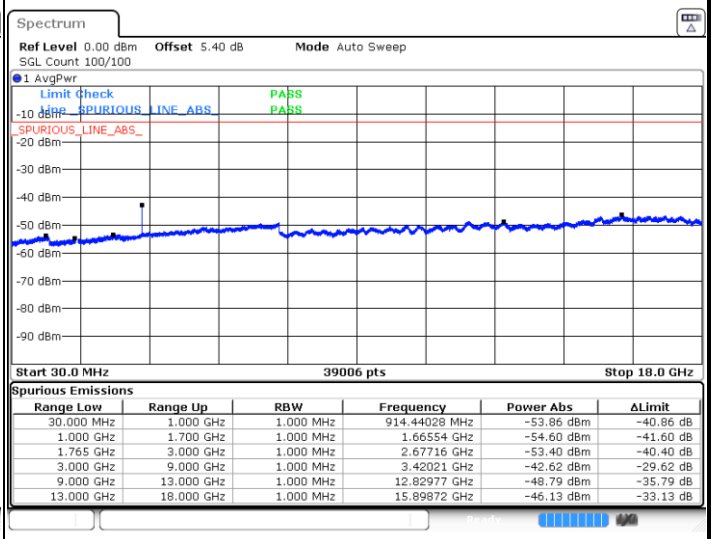


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.31534 MHz	-53.86 dBm	-40.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-54.78 dBm	-41.78 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66440 GHz	-53.33 dBm	-40.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85627 GHz	-48.82 dBm	-35.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90705 GHz	-46.51 dBm	-33.51 dB

Date: 3.DEC.2019 19:14:30

Lowest Channel / 16QAM

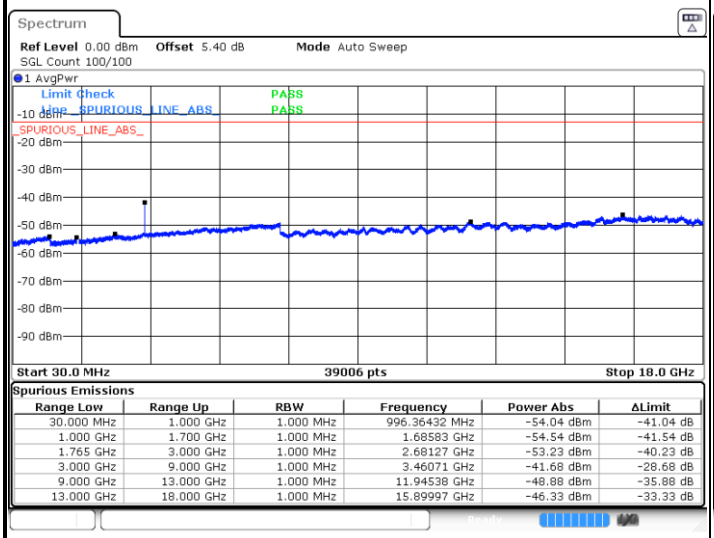


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-53.86 dBm	-40.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-54.60 dBm	-41.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67716 GHz	-53.40 dBm	-40.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-42.62 dBm	-29.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82977 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89872 GHz	-46.13 dBm	-33.13 dB

Date: 3.DEC.2019 19:15:24

Middle Channel / QPSK

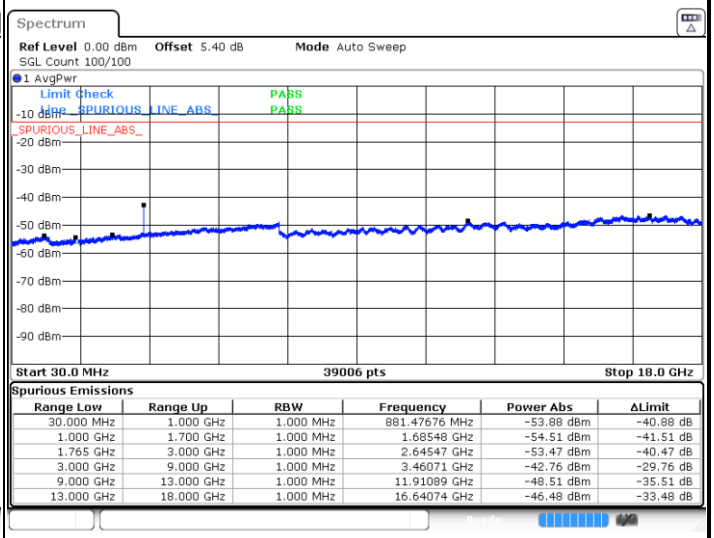


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-54.04 dBm	-41.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68583 GHz	-54.54 dBm	-41.54 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.68127 GHz	-53.23 dBm	-40.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-41.68 dBm	-28.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94538 GHz	-48.88 dBm	-35.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89997 GHz	-46.33 dBm	-33.33 dB

Date: 3.DEC.2019 19:16:59

Middle Channel / 16QAM



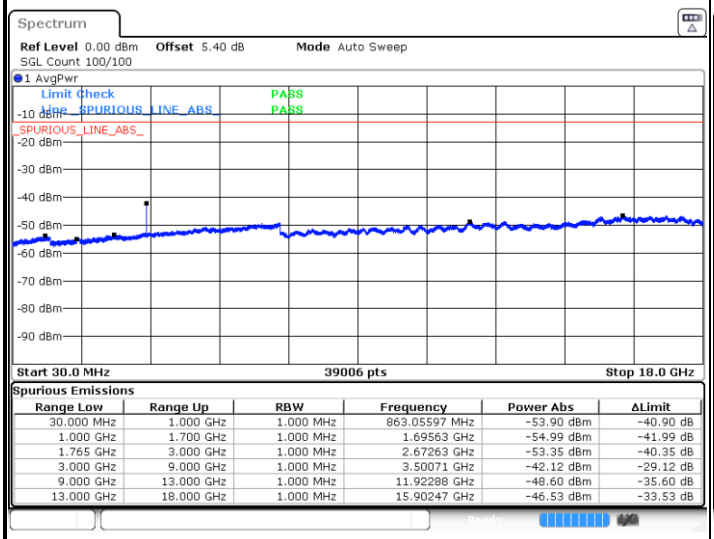
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-53.88 dBm	-40.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68548 GHz	-54.51 dBm	-41.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.64547 GHz	-53.47 dBm	-40.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-42.76 dBm	-29.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91089 GHz	-48.51 dBm	-35.51 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64074 GHz	-46.48 dBm	-33.48 dB

Date: 3.DEC.2019 19:17:53

LTE Band 4 / 5MHz

Highest Channel / QPSK

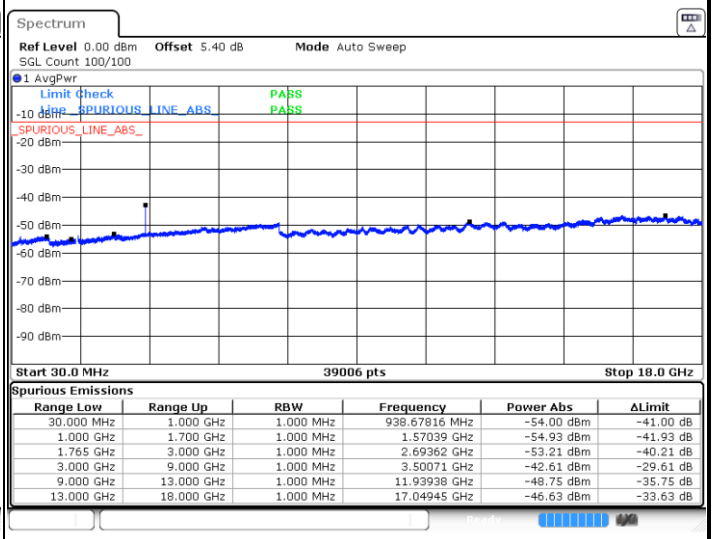


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.05597 MHz	-53.90 dBm	-40.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69563 GHz	-54.99 dBm	-41.99 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67263 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-42.12 dBm	-29.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92288 GHz	-48.60 dBm	-35.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90247 GHz	-46.53 dBm	-33.53 dB

Date: 3.DEC.2019 19:23:58

Highest Channel / 16QAM



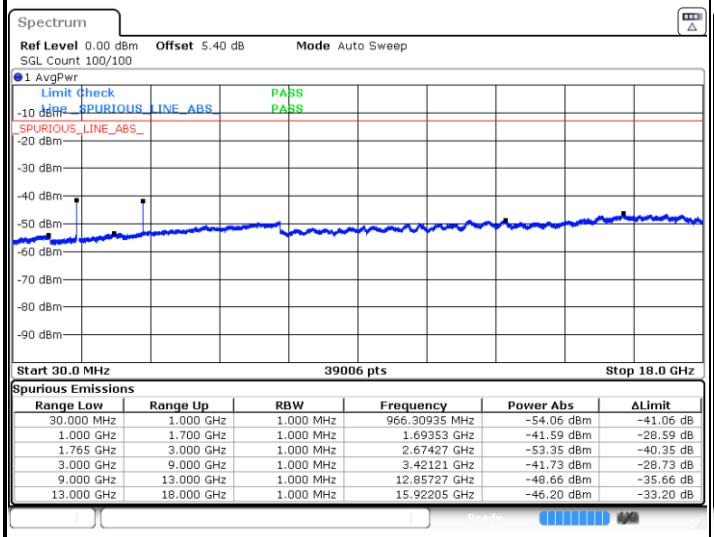
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-54.00 dBm	-41.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57039 GHz	-54.93 dBm	-41.93 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69362 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-42.61 dBm	-29.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93938 GHz	-48.75 dBm	-35.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04945 GHz	-46.63 dBm	-33.63 dB

Date: 3.DEC.2019 19:24:52

LTE Band 4 / 10MHz

Lowest Channel / QPSK

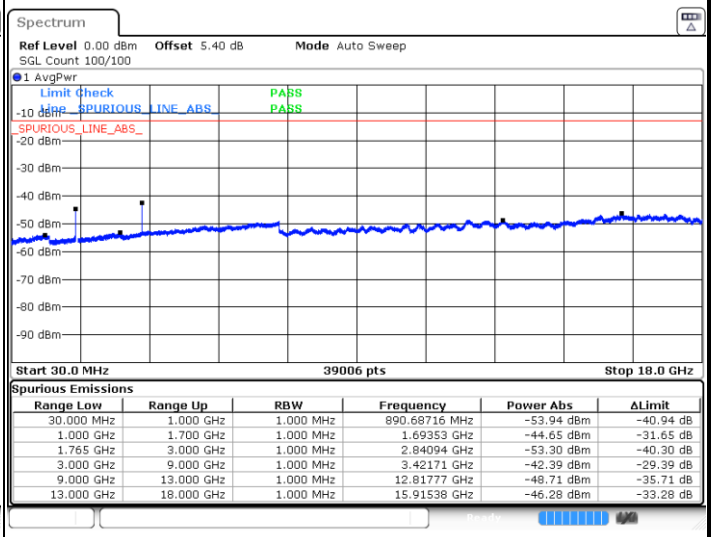


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-54.06 dBm	-41.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-41.59 dBm	-28.59 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67427 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-41.73 dBm	-28.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85727 GHz	-48.66 dBm	-35.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.92205 GHz	-46.20 dBm	-33.20 dB

Date: 3.DEC.2019 19:30:57

Lowest Channel / 16QAM



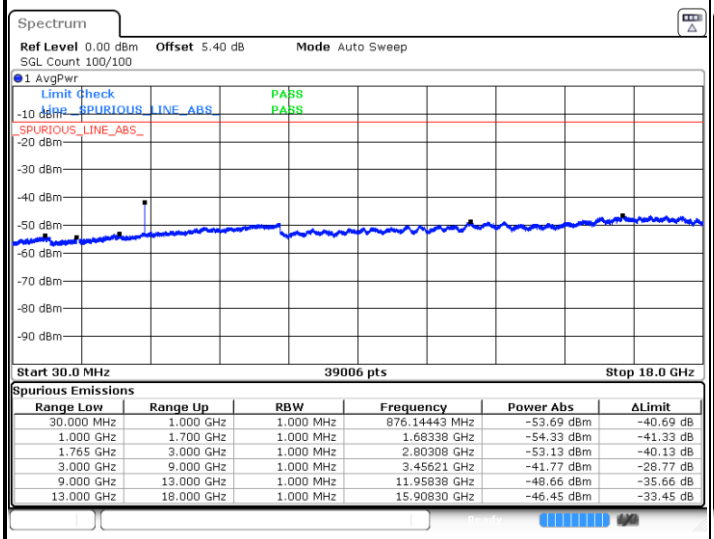
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-53.94 dBm	-40.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-44.65 dBm	-31.65 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84094 GHz	-53.30 dBm	-40.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-42.39 dBm	-29.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81777 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91538 GHz	-46.28 dBm	-33.28 dB

Date: 3.DEC.2019 19:31:52

LTE Band 4 / 10MHz

Middle Channel / QPSK

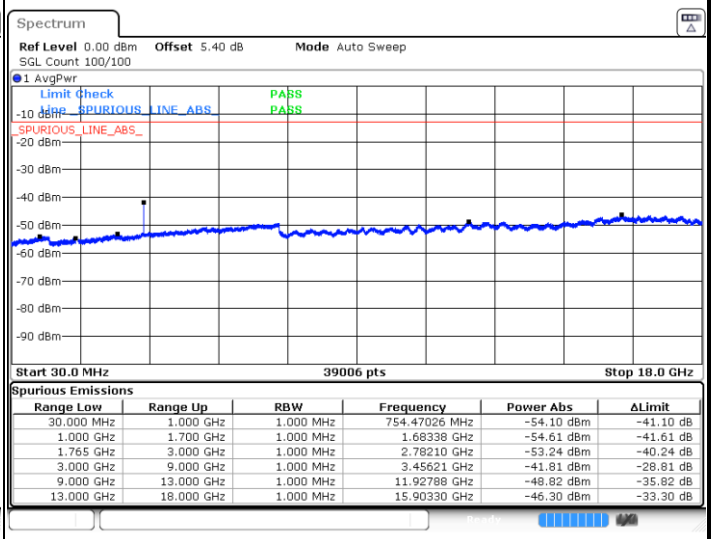


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.14443 MHz	-53.69 dBm	-40.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68338 GHz	-54.33 dBm	-41.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80308 GHz	-53.13 dBm	-40.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-41.77 dBm	-28.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95838 GHz	-48.66 dBm	-35.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90830 GHz	-46.45 dBm	-33.45 dB

Date: 3.DEC.2019 19:33:27

Middle Channel / 16QAM

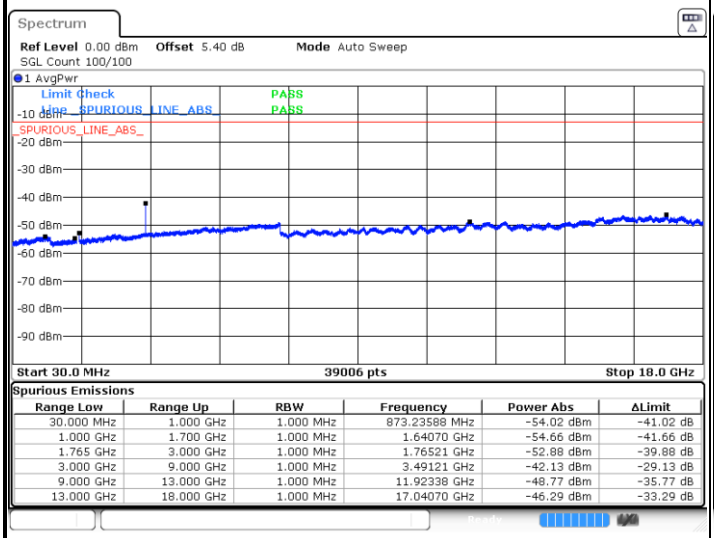


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	754.47026 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68338 GHz	-54.61 dBm	-41.61 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.78210 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-41.81 dBm	-28.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92788 GHz	-48.82 dBm	-35.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90330 GHz	-46.30 dBm	-33.30 dB

Date: 3.DEC.2019 19:34:21

Highest Channel / QPSK

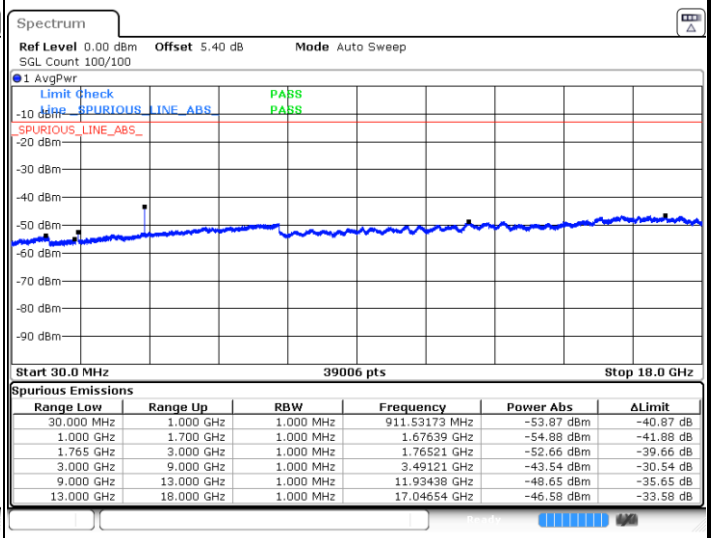


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-54.02 dBm	-41.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64070 GHz	-54.66 dBm	-41.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-52.88 dBm	-39.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-42.13 dBm	-29.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92338 GHz	-48.77 dBm	-35.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04070 GHz	-46.29 dBm	-33.29 dB

Date: 3.DEC.2019 19:45:55

Highest Channel / 16QAM



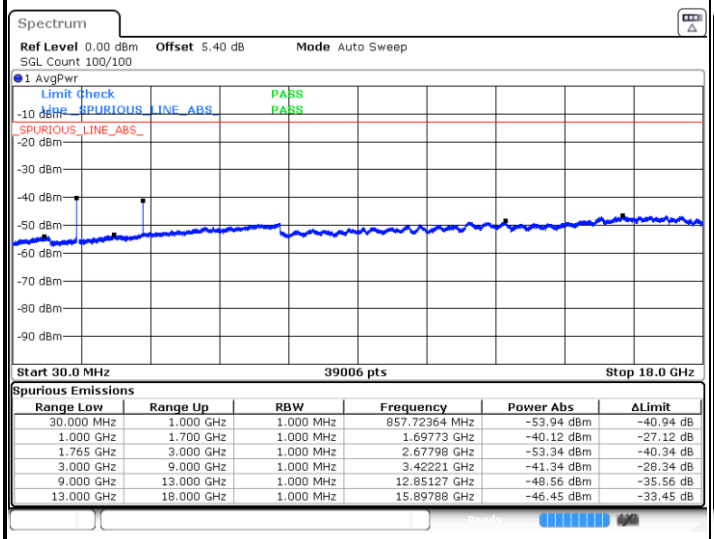
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-53.87 dBm	-40.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67639 GHz	-54.88 dBm	-41.88 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-52.66 dBm	-39.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-43.54 dBm	-30.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93438 GHz	-48.65 dBm	-35.65 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04654 GHz	-46.58 dBm	-33.58 dB

Date: 3.DEC.2019 19:46:50

LTE Band 4 / 15MHz

Lowest Channel / QPSK

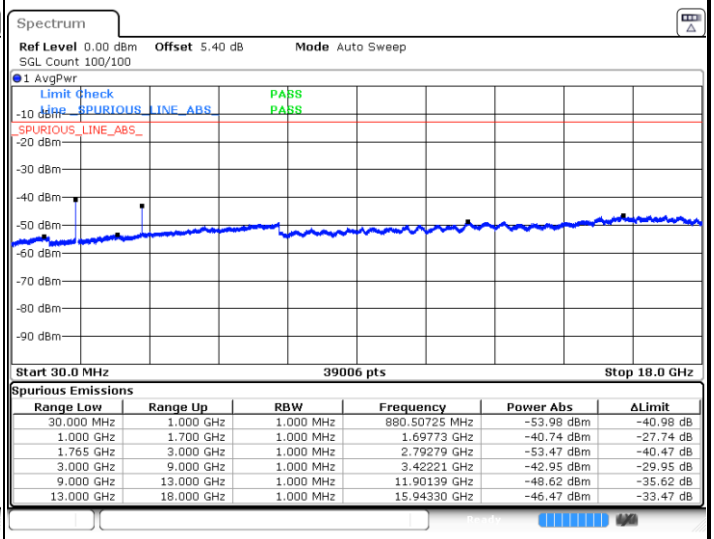


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	857.72364 MHz	-53.94 dBm	-40.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-40.12 dBm	-27.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67798 GHz	-53.34 dBm	-40.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-41.34 dBm	-28.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85127 GHz	-48.56 dBm	-35.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89788 GHz	-46.45 dBm	-33.45 dB

Date: 3.DEC.2019 19:52:54

Lowest Channel / 16QAM

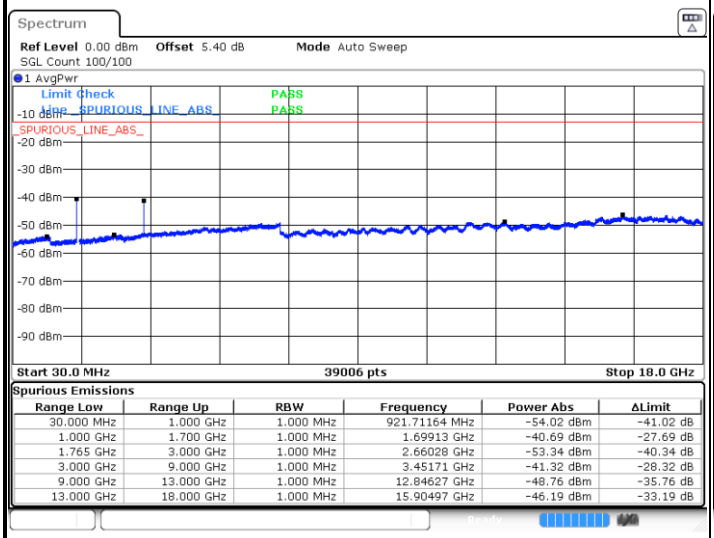


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.50725 MHz	-53.98 dBm	-40.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-40.74 dBm	-27.74 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.79279 GHz	-53.47 dBm	-40.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-42.95 dBm	-29.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90139 GHz	-48.62 dBm	-35.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.94330 GHz	-46.47 dBm	-33.47 dB

Date: 3.DEC.2019 19:53:48

Middle Channel / QPSK

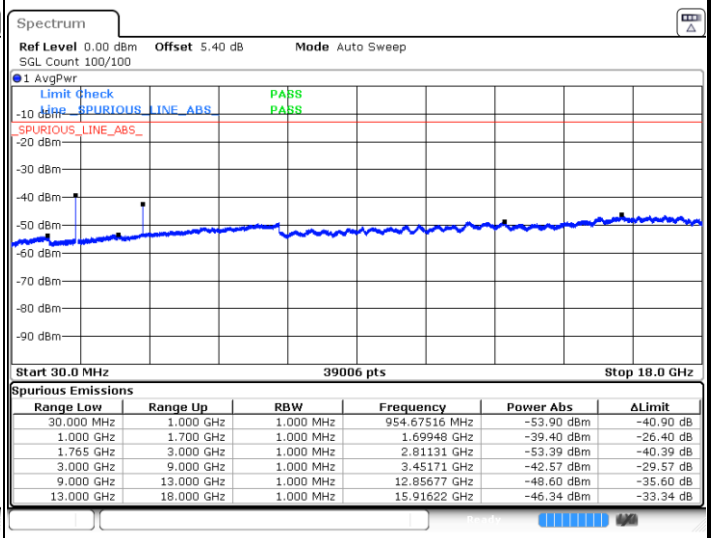


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-54.02 dBm	-41.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-40.69 dBm	-27.69 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66028 GHz	-53.34 dBm	-40.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-41.32 dBm	-28.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84627 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90497 GHz	-46.19 dBm	-33.19 dB

Date: 3.DEC.2019 19:55:23

Middle Channel / 16QAM



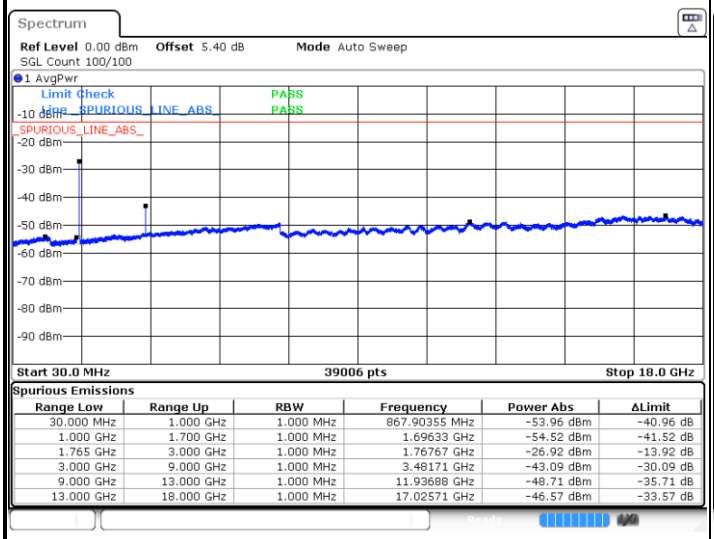
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-53.90 dBm	-40.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-39.40 dBm	-26.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81131 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-42.57 dBm	-29.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85677 GHz	-48.60 dBm	-35.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91622 GHz	-46.34 dBm	-33.34 dB

Date: 3.DEC.2019 19:56:18

LTE Band 4 / 15MHz

Highest Channel / QPSK

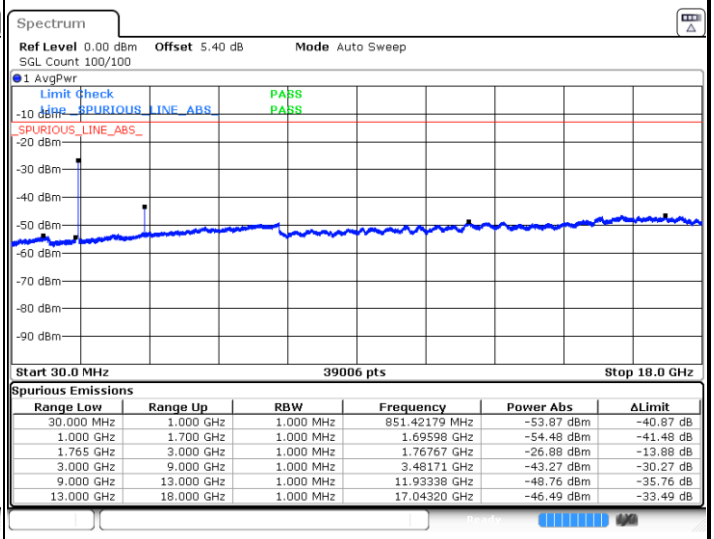


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-54.52 dBm	-41.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-26.92 dBm	-13.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-43.09 dBm	-30.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93688 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.02571 GHz	-46.57 dBm	-33.57 dB

Date: 3.DEC.2019 20:02:22

Highest Channel / 16QAM



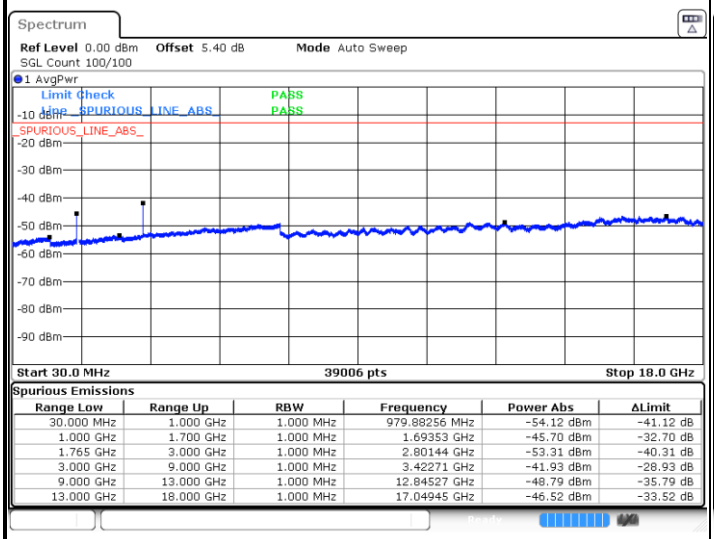
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	851.42179 MHz	-53.87 dBm	-40.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-54.48 dBm	-41.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-26.88 dBm	-13.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-43.27 dBm	-30.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93338 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04320 GHz	-46.49 dBm	-33.49 dB

Date: 3.DEC.2019 20:03:17

LTE Band 4 / 20MHz

Lowest Channel / QPSK

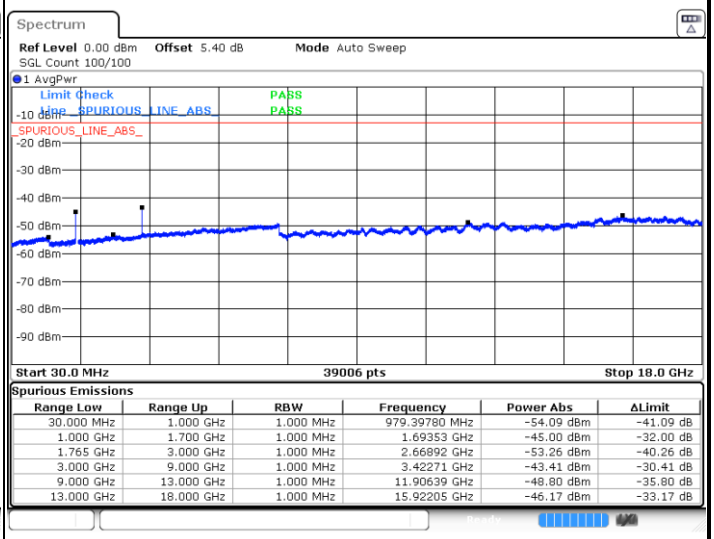


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-54.12 dBm	-41.12 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-45.70 dBm	-32.70 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80144 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-41.93 dBm	-28.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84527 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04945 GHz	-46.52 dBm	-33.52 dB

Date: 3.DEC.2019 20:09:22

Lowest Channel / 16QAM



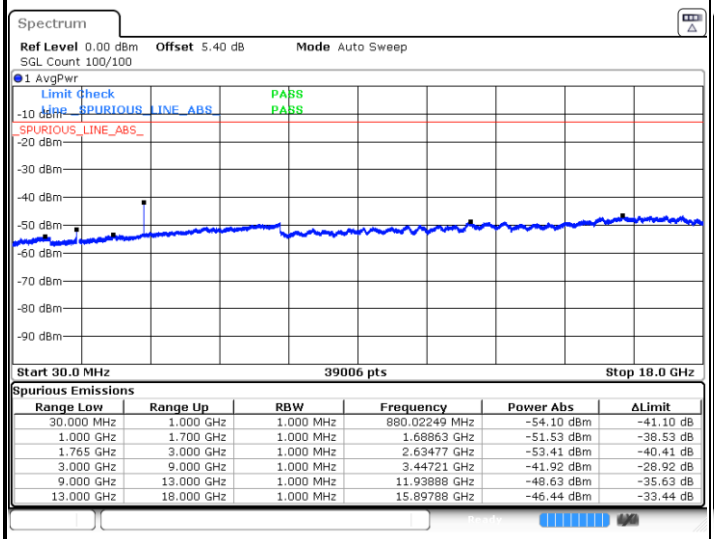
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-54.09 dBm	-41.09 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-45.00 dBm	-32.00 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66892 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-43.41 dBm	-30.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90639 GHz	-48.80 dBm	-35.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.92205 GHz	-46.17 dBm	-33.17 dB

Date: 3.DEC.2019 20:10:16

LTE Band 4 / 20MHz

Middle Channel / QPSK

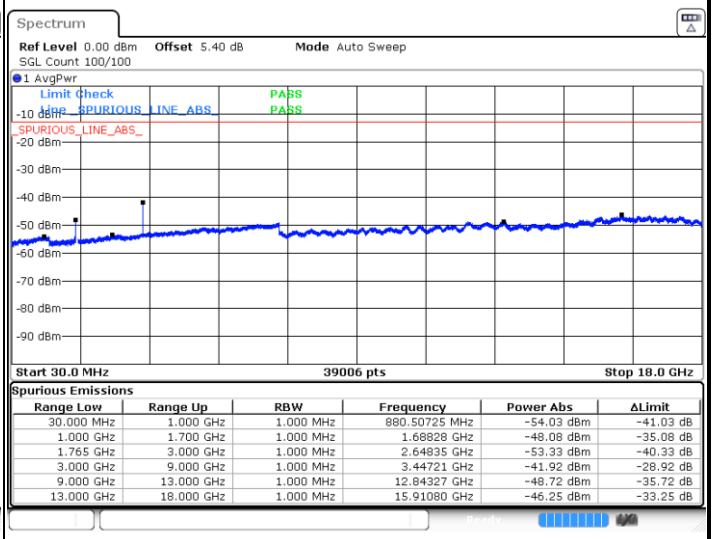


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68863 GHz	-51.53 dBm	-38.53 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63477 GHz	-53.41 dBm	-40.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-41.92 dBm	-28.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93888 GHz	-48.63 dBm	-35.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89788 GHz	-46.44 dBm	-33.44 dB

Date: 3.DEC.2019 20:11:50

Middle Channel / 16QAM

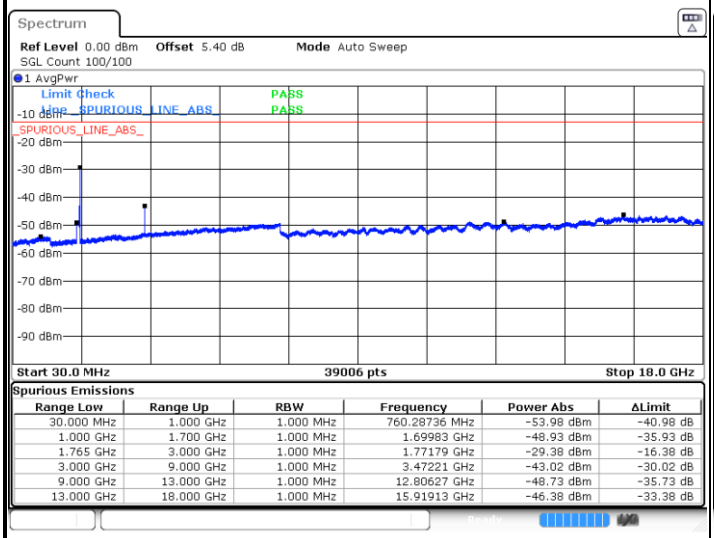


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.50725 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-48.08 dBm	-35.08 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.64835 GHz	-53.33 dBm	-40.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-41.92 dBm	-28.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84327 GHz	-48.72 dBm	-35.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91080 GHz	-46.25 dBm	-33.25 dB

Date: 3.DEC.2019 20:12:45

Highest Channel / QPSK

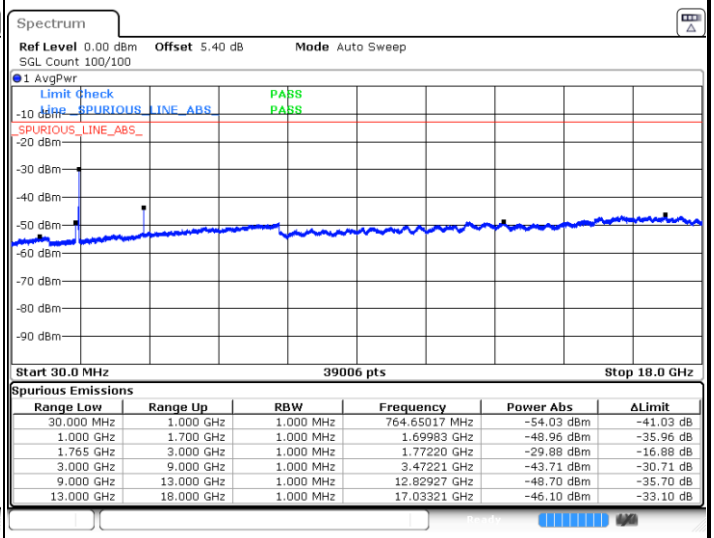


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	760.28736 MHz	-53.98 dBm	-40.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.93 dBm	-35.93 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-29.38 dBm	-16.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-43.02 dBm	-30.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80627 GHz	-48.73 dBm	-35.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91913 GHz	-46.38 dBm	-33.38 dB

Date: 3.DEC.2019 20:42:06

Highest Channel / 16QAM



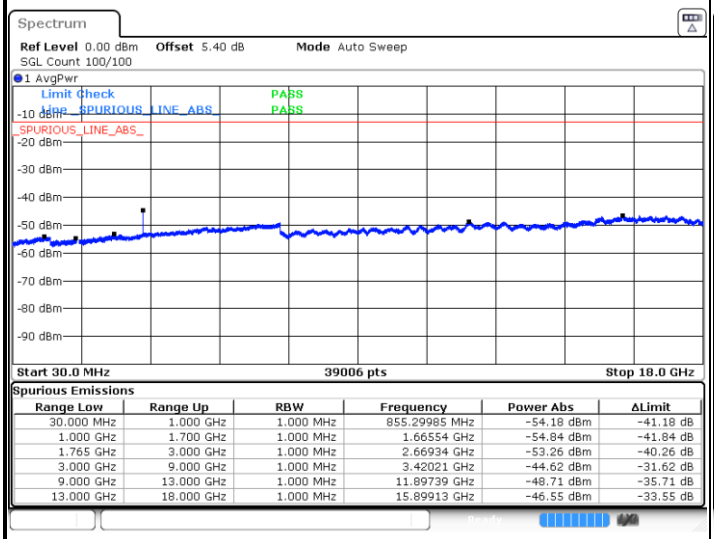
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	764.65017 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.96 dBm	-35.96 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-29.88 dBm	-16.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-43.71 dBm	-30.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82927 GHz	-48.70 dBm	-35.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03321 GHz	-46.10 dBm	-33.10 dB

Date: 3.DEC.2019 20:43:00

LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

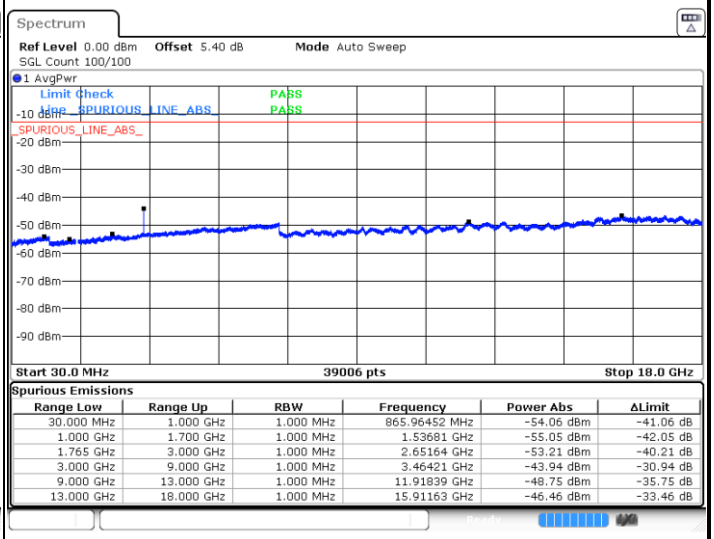


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.29985 MHz	-54.18 dBm	-41.18 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-54.84 dBm	-41.84 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66934 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-44.62 dBm	-31.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89739 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89913 GHz	-46.55 dBm	-33.55 dB

Date: 3.DEC.2019 20:46:30

Middle Channel / 64QAM

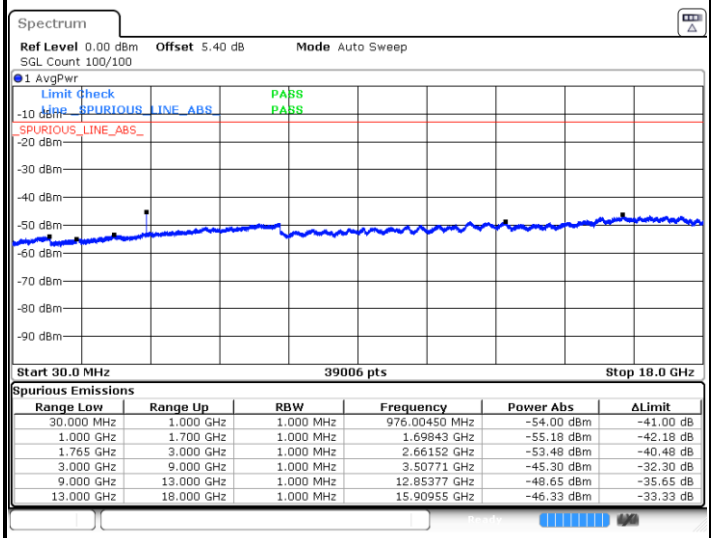


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.96452 MHz	-54.06 dBm	-41.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.53681 GHz	-55.05 dBm	-42.05 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65164 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-43.94 dBm	-30.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91839 GHz	-48.75 dBm	-35.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91163 GHz	-46.46 dBm	-33.46 dB

Date: 3.DEC.2019 20:47:45

Highest Channel / 64QAM



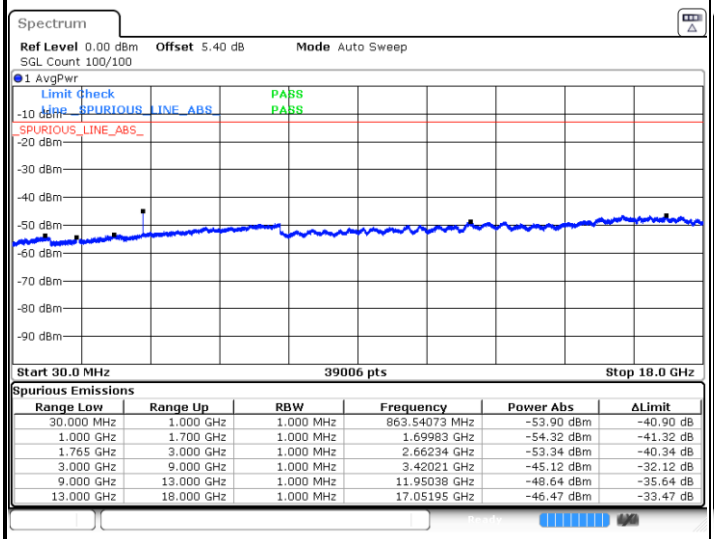
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-54.00 dBm	-41.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-55.18 dBm	-42.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66152 GHz	-53.48 dBm	-40.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-45.30 dBm	-32.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85377 GHz	-48.65 dBm	-35.65 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90955 GHz	-46.33 dBm	-33.33 dB

Date: 3.DEC.2019 20:51:15

LTE Band 4 / 3MHz

Lowest Channel / 64QAM

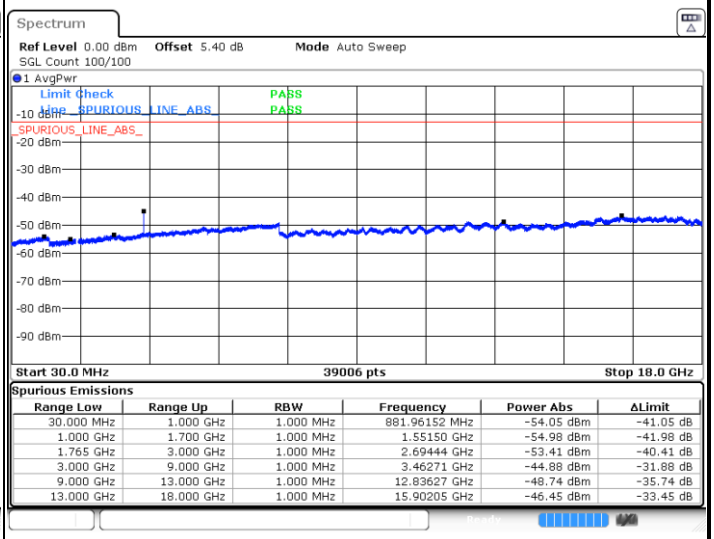


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-53.90 dBm	-40.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.32 dBm	-41.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66234 GHz	-53.34 dBm	-40.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-45.12 dBm	-32.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95038 GHz	-48.64 dBm	-35.64 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.05195 GHz	-46.47 dBm	-33.47 dB

Date: 3.DEC.2019 20:54:45

Middle Channel / 64QAM

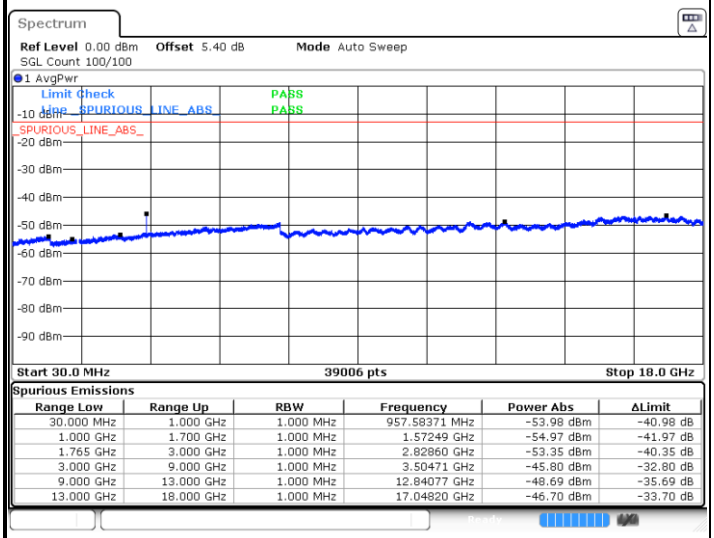


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-54.05 dBm	-41.05 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.55150 GHz	-54.98 dBm	-41.98 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69444 GHz	-53.41 dBm	-40.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-44.88 dBm	-31.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83627 GHz	-48.74 dBm	-35.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90205 GHz	-46.45 dBm	-33.45 dB

Date: 3.DEC.2019 20:55:59

Highest Channel / 64QAM



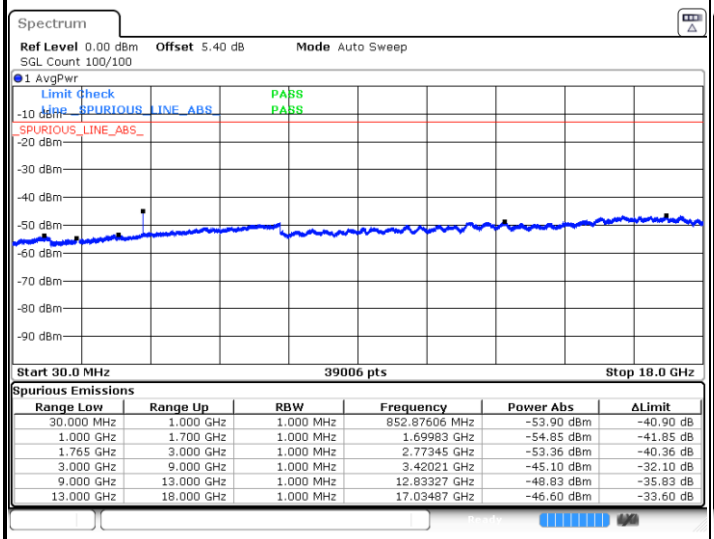
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-53.98 dBm	-40.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57249 GHz	-54.97 dBm	-41.97 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82860 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-45.80 dBm	-32.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84077 GHz	-48.69 dBm	-35.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04820 GHz	-46.70 dBm	-33.70 dB

Date: 3.DEC.2019 20:59:29

LTE Band 4 / 5MHz

Lowest Channel / 64QAM

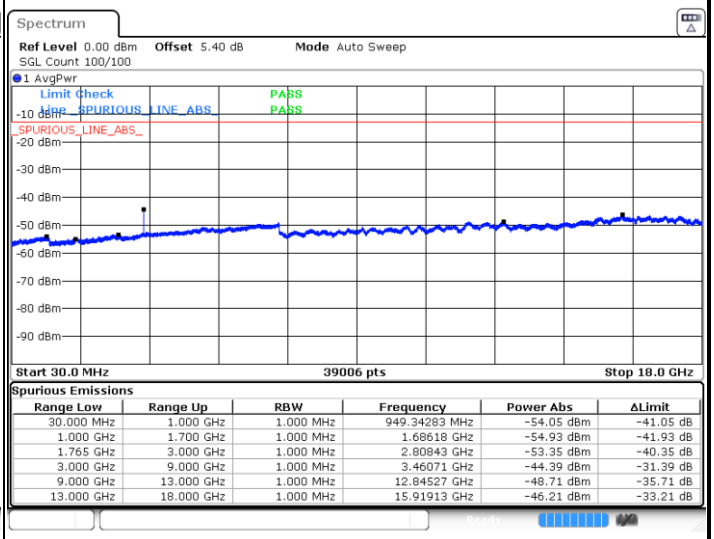


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	852.87606 MHz	-53.90 dBm	-40.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.85 dBm	-41.85 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.77345 GHz	-53.36 dBm	-40.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-45.10 dBm	-32.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83327 GHz	-48.83 dBm	-35.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03487 GHz	-46.60 dBm	-33.60 dB

Date: 3.DEC.2019 21:02:59

Middle Channel / 64QAM

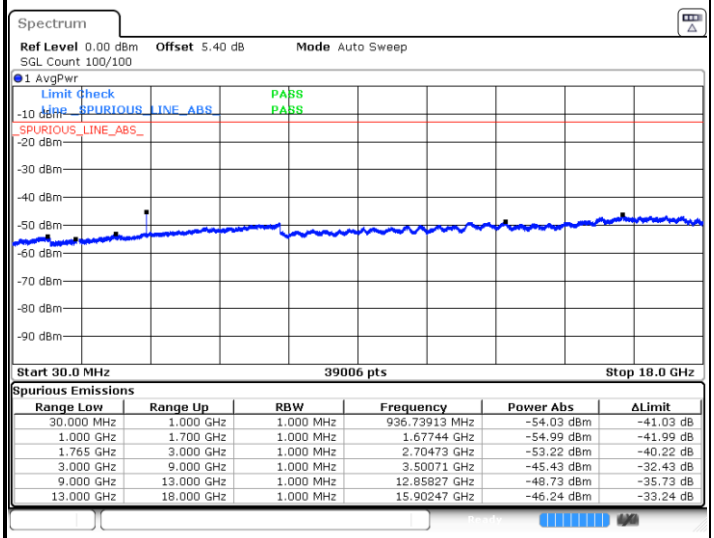


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-54.05 dBm	-41.05 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68618 GHz	-54.93 dBm	-41.93 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80843 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-44.39 dBm	-31.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84527 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91913 GHz	-46.21 dBm	-33.21 dB

Date: 3.DEC.2019 21:04:14

Highest Channel / 64QAM



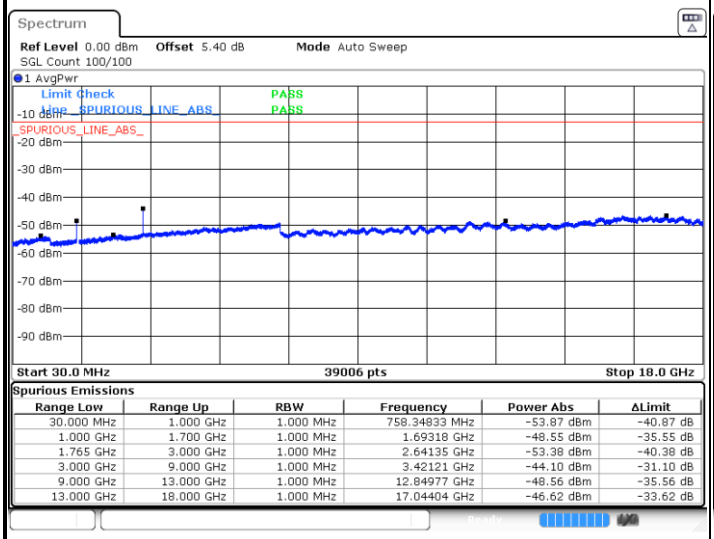
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67744 GHz	-54.99 dBm	-41.99 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.70473 GHz	-53.22 dBm	-40.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-45.43 dBm	-32.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85827 GHz	-48.73 dBm	-35.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90247 GHz	-46.24 dBm	-33.24 dB

Date: 3.DEC.2019 21:07:44

LTE Band 4 / 10MHz

Lowest Channel / 64QAM

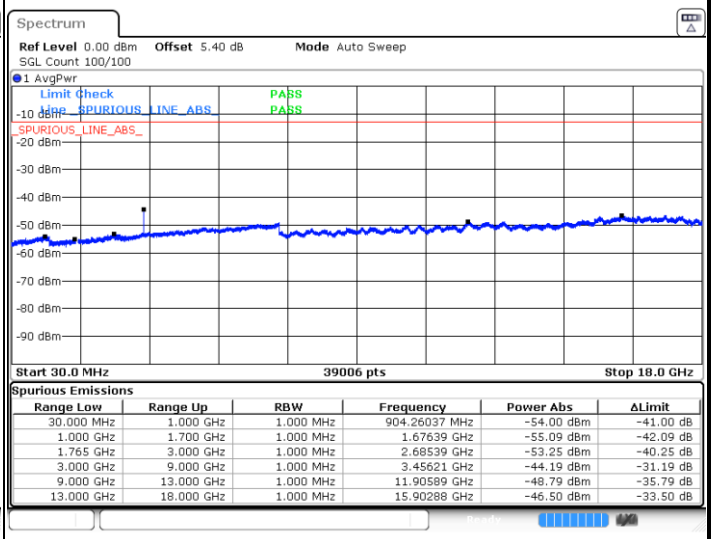


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	758.34833 MHz	-53.87 dBm	-40.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-48.55 dBm	-35.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.64135 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-44.10 dBm	-31.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84977 GHz	-48.56 dBm	-35.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04404 GHz	-46.62 dBm	-33.62 dB

Date: 3.DEC.2019 21:11:15

Middle Channel / 64QAM

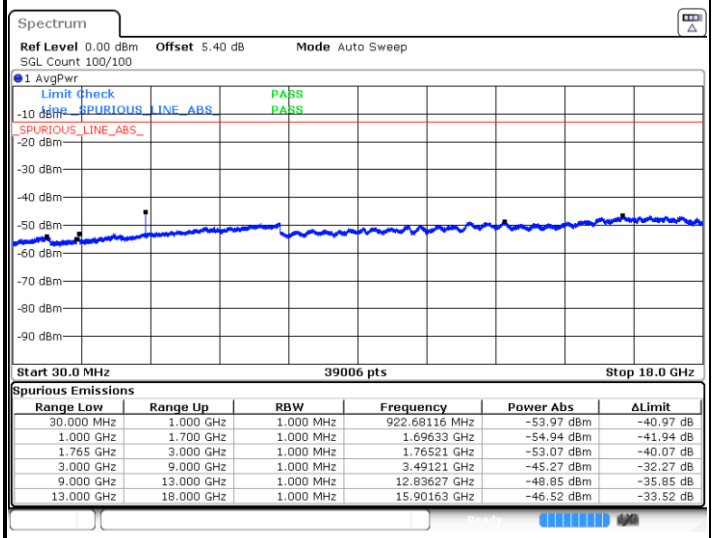


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.26037 MHz	-54.00 dBm	-41.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67639 GHz	-55.09 dBm	-42.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.68539 GHz	-53.25 dBm	-40.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-44.19 dBm	-31.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90589 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90288 GHz	-46.50 dBm	-33.50 dB

Date: 3.DEC.2019 21:12:30

Highest Channel / 64QAM



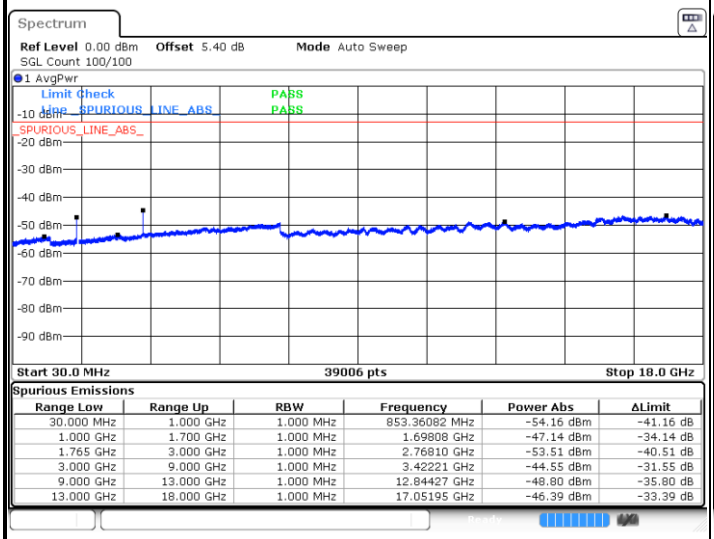
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-53.97 dBm	-40.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-54.94 dBm	-41.94 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-53.07 dBm	-40.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-45.27 dBm	-32.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83627 GHz	-48.85 dBm	-35.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90163 GHz	-46.52 dBm	-33.52 dB

Date: 3.DEC.2019 21:15:59

LTE Band 4 / 15MHz

Lowest Channel / 64QAM

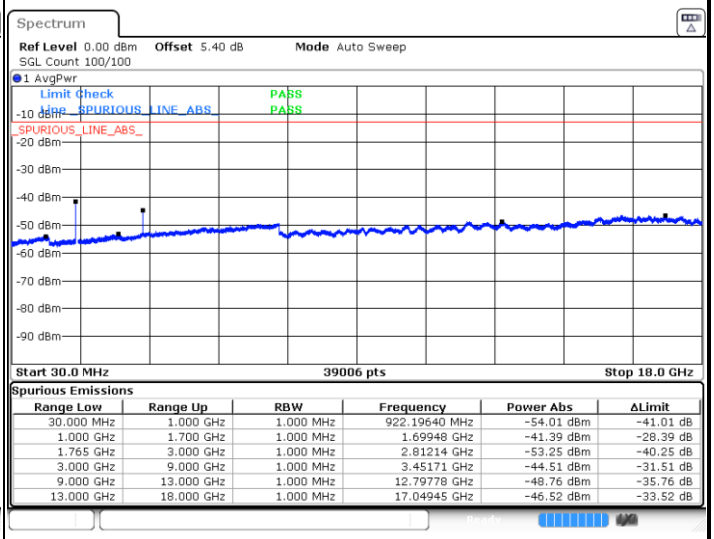


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.36082 MHz	-54.16 dBm	-41.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-47.14 dBm	-34.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.76810 GHz	-53.51 dBm	-40.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-44.55 dBm	-31.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84427 GHz	-48.80 dBm	-35.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.05195 GHz	-46.39 dBm	-33.39 dB

Date: 3.DEC.2019 21:19:29

Middle Channel / 64QAM

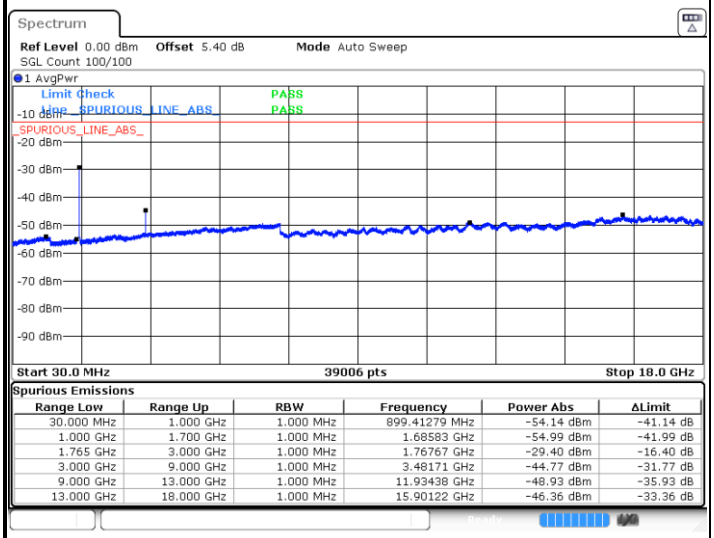


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.19640 MHz	-54.01 dBm	-41.01 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-41.39 dBm	-28.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81214 GHz	-53.25 dBm	-40.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-44.51 dBm	-31.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.79778 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04945 GHz	-46.52 dBm	-33.52 dB

Date: 3.DEC.2019 21:20:44

Highest Channel / 64QAM



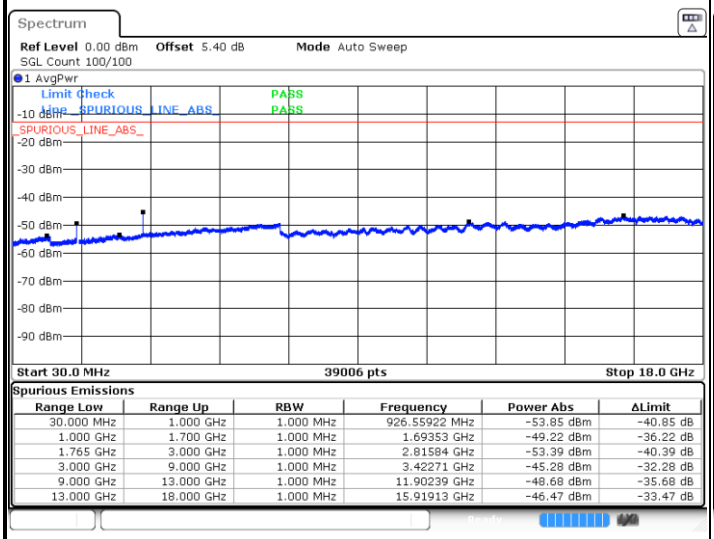
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-54.14 dBm	-41.14 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68583 GHz	-54.99 dBm	-41.99 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-29.40 dBm	-16.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-44.77 dBm	-31.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93438 GHz	-48.93 dBm	-35.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90122 GHz	-46.36 dBm	-33.36 dB

Date: 3.DEC.2019 21:24:14

LTE Band 4 / 20MHz

Lowest Channel / 64QAM

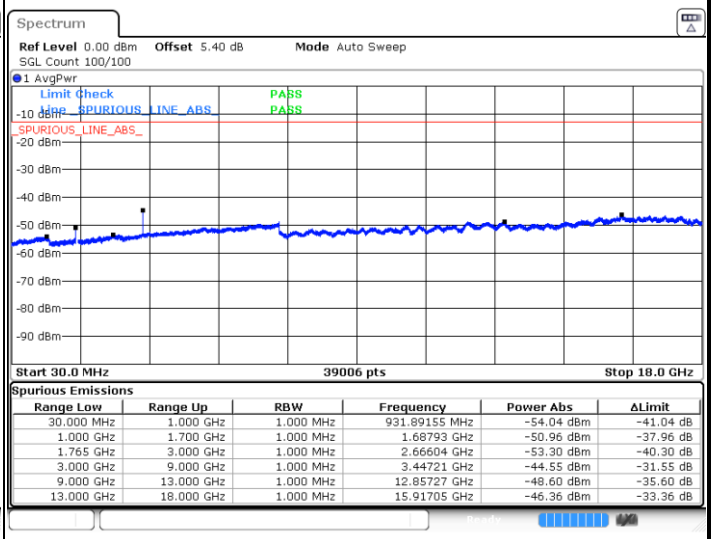


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-53.85 dBm	-40.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-49.22 dBm	-36.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81584 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-45.28 dBm	-32.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90239 GHz	-48.68 dBm	-35.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91913 GHz	-46.47 dBm	-33.47 dB

Date: 3.DEC.2019 21:27:43

Middle Channel / 64QAM

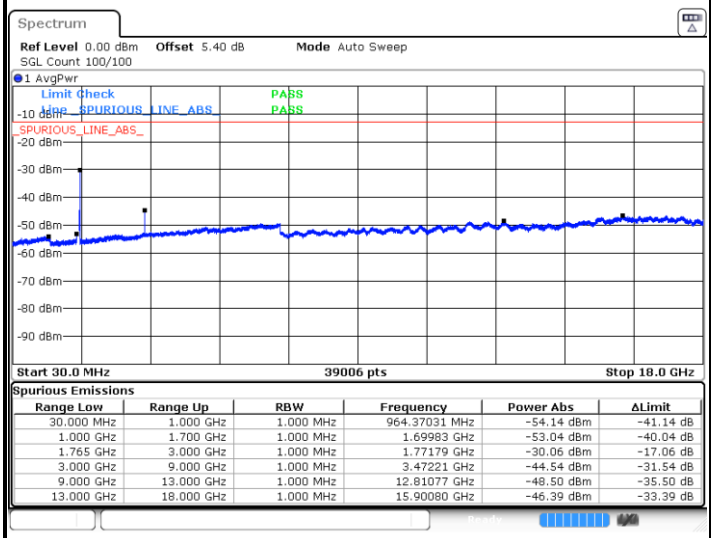


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-54.04 dBm	-41.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68793 GHz	-50.96 dBm	-37.96 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66604 GHz	-53.30 dBm	-40.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-44.55 dBm	-31.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85727 GHz	-48.60 dBm	-35.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91705 GHz	-46.36 dBm	-33.36 dB

Date: 3.DEC.2019 21:28:58

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-54.14 dBm	-41.14 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-53.04 dBm	-40.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-30.06 dBm	-17.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-44.54 dBm	-31.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81077 GHz	-48.50 dBm	-35.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90080 GHz	-46.39 dBm	-33.39 dB

Date: 3.DEC.2019 21:32:27

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0033	
20	Battery End Point	0.0004	

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.

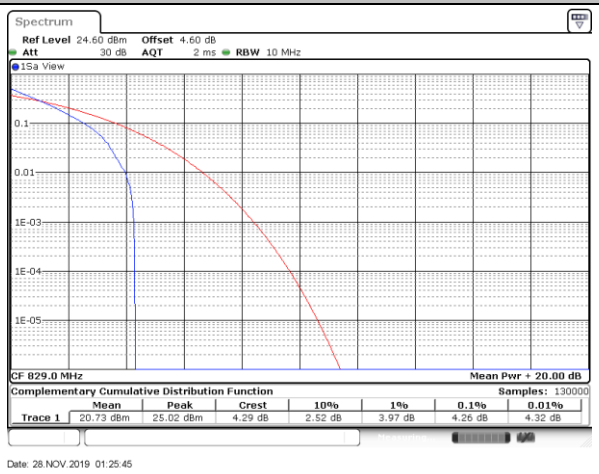
LTE Band 5

Peak-to-Average Ratio

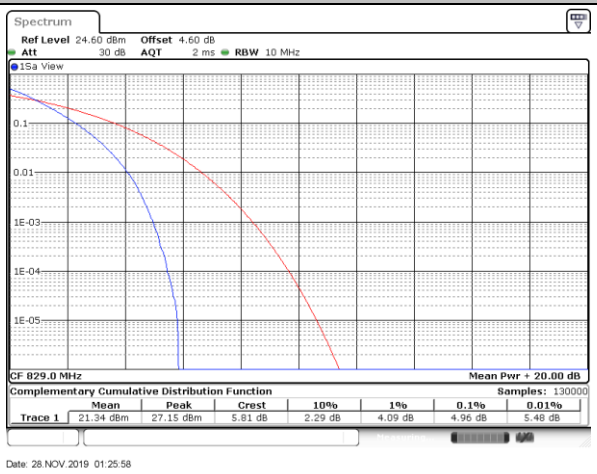
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.26	4.96	4.87	5.80	PASS
Middle CH	4.61	4.99	5.07	5.86	
Highest CH	4.29	5.07	5.22	6.06	
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.87	5.91			PASS
Middle CH	5.16	5.83			
Highest CH	5.45	6.00			

LTE Band 5 / 10MHz / QPSK

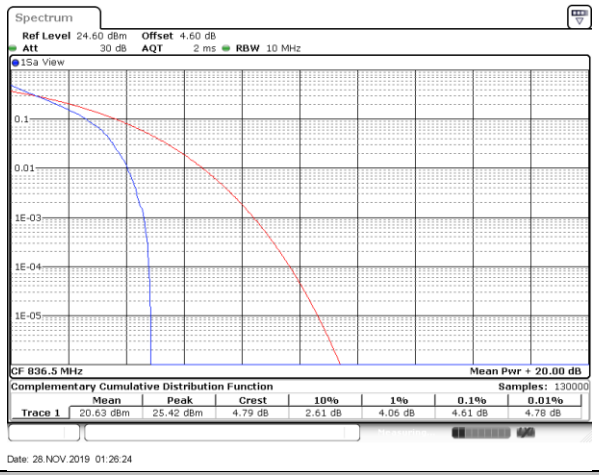
Lowest Channel / 1RB



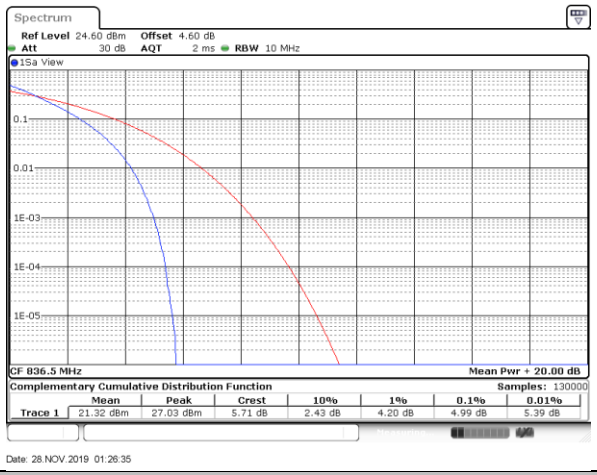
Lowest Channel / Full RB



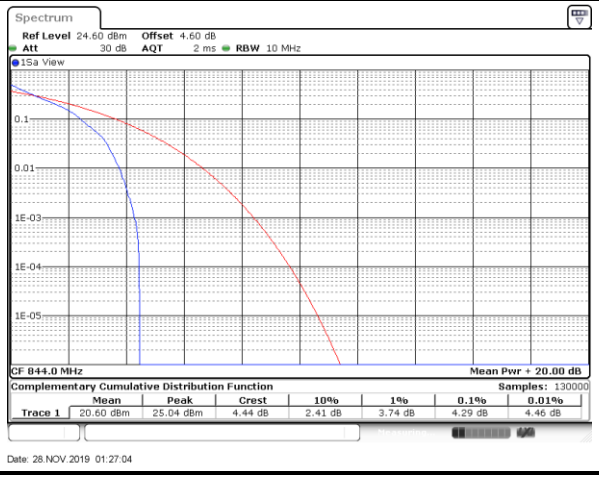
Middle Channel / 1RB



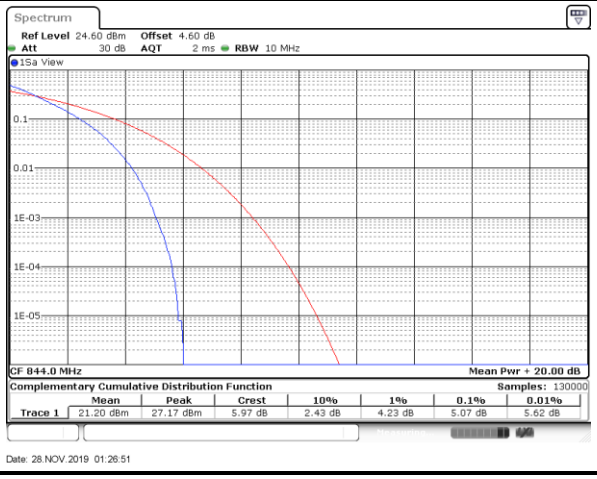
Middle Channel / Full RB



Highest Channel / 1RB

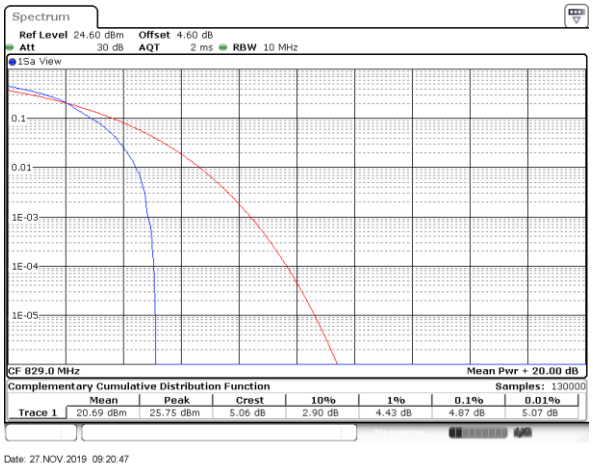


Highest Channel / Full RB

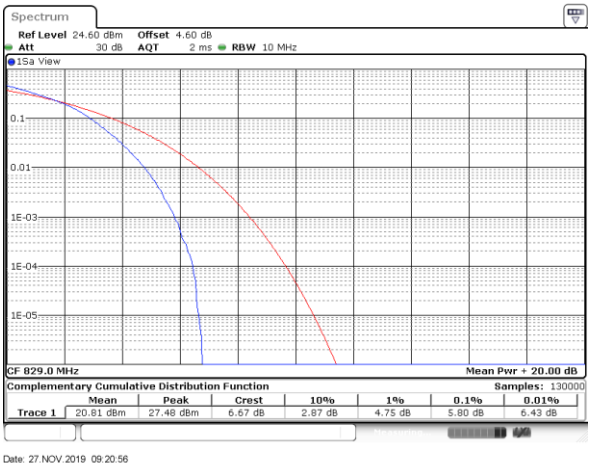


LTE Band 5 / 10MHz / 16QAM

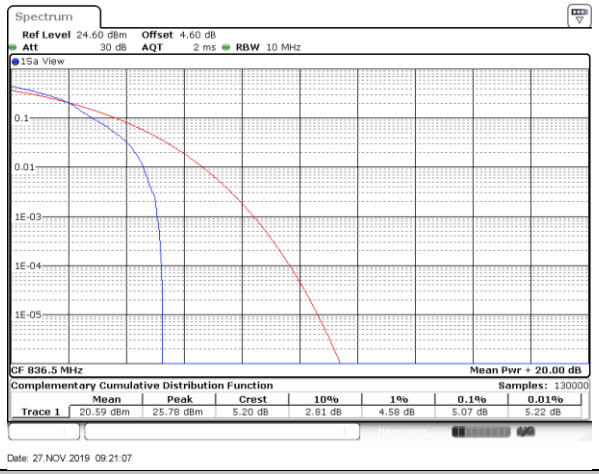
Lowest Channel / 1RB



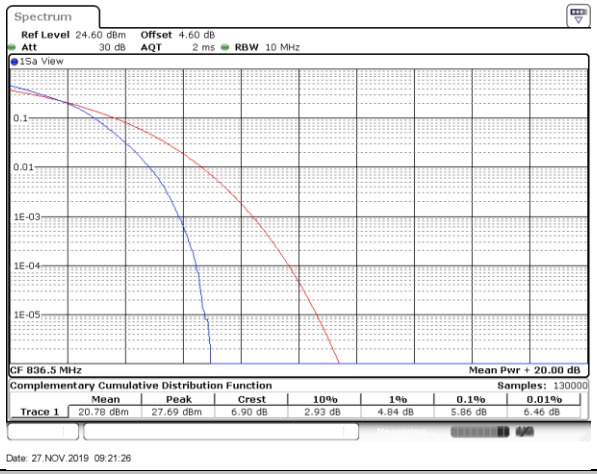
Lowest Channel / Full RB



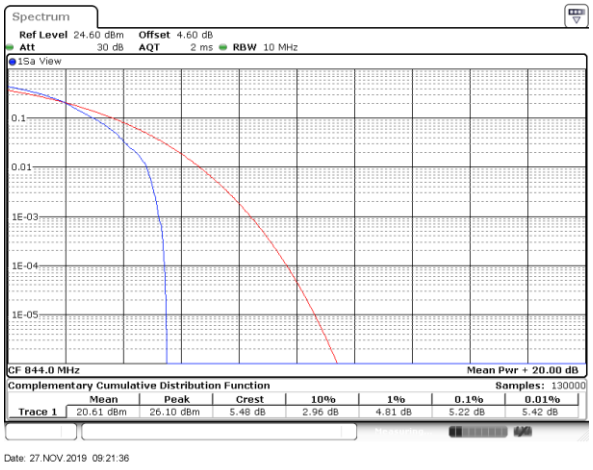
Middle Channel / 1RB



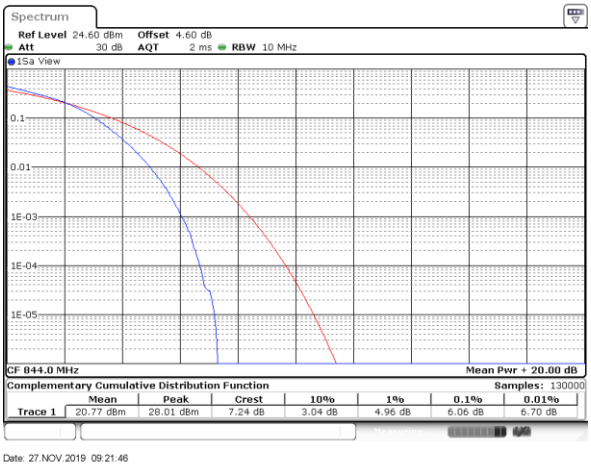
Middle Channel / Full RB



Highest Channel / 1RB

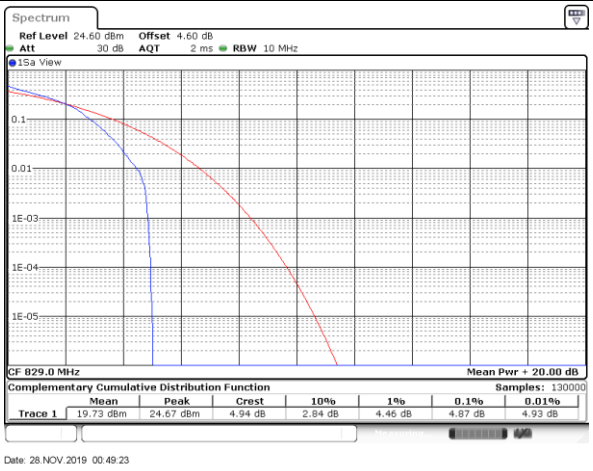


Highest Channel / Full RB

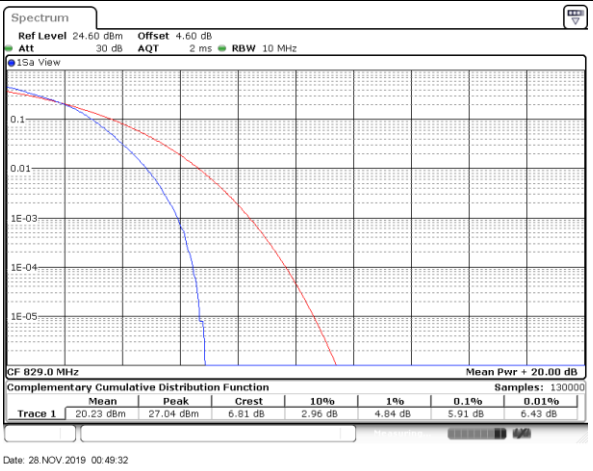


LTE Band 5 / 10MHz / 64QAM

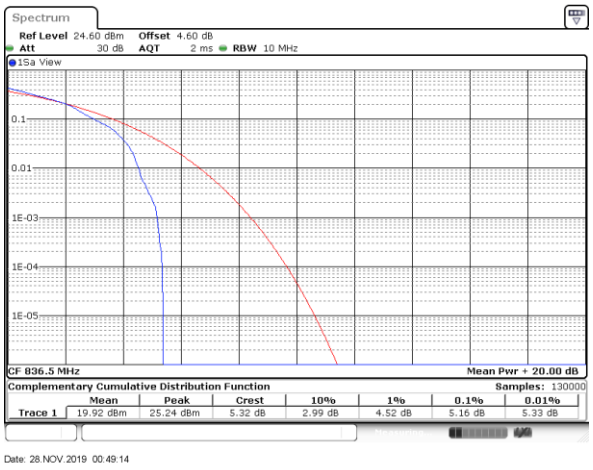
Lowest Channel / 1RB



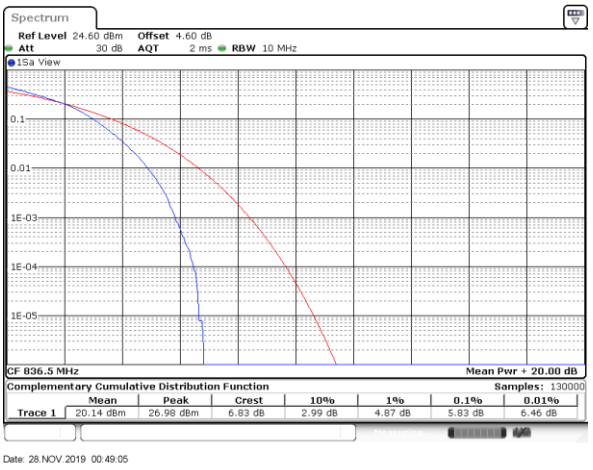
Lowest Channel / Full RB



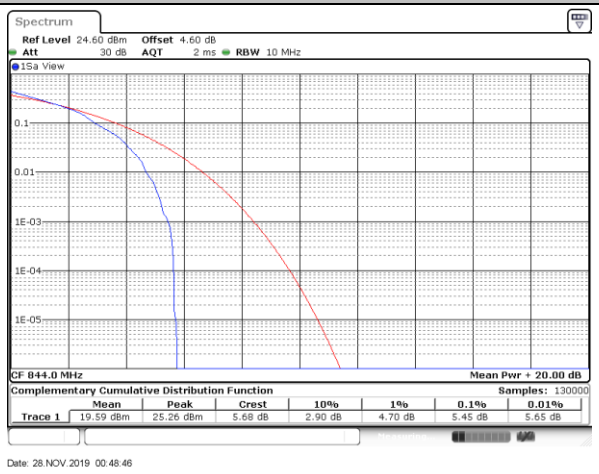
Middle Channel / 1RB



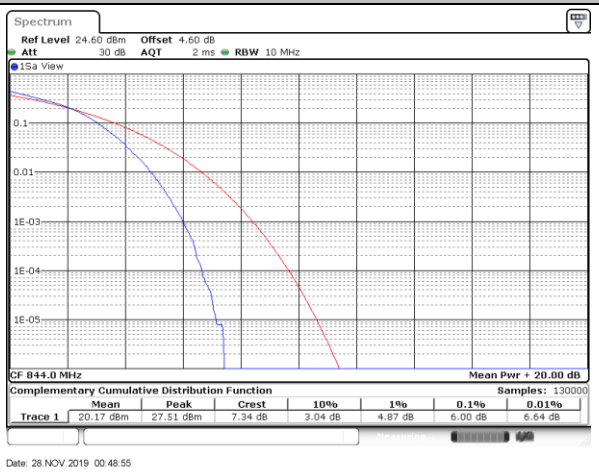
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

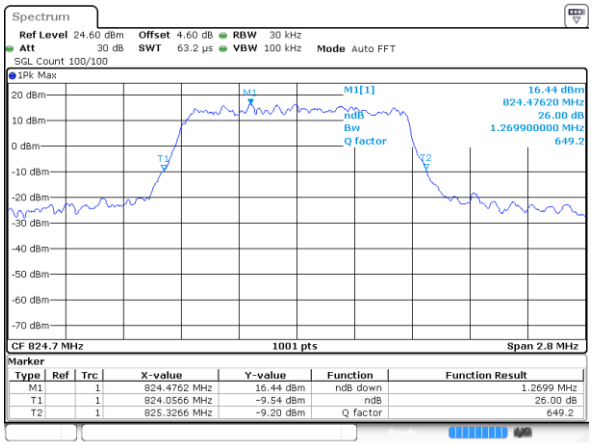


26dB Bandwidth

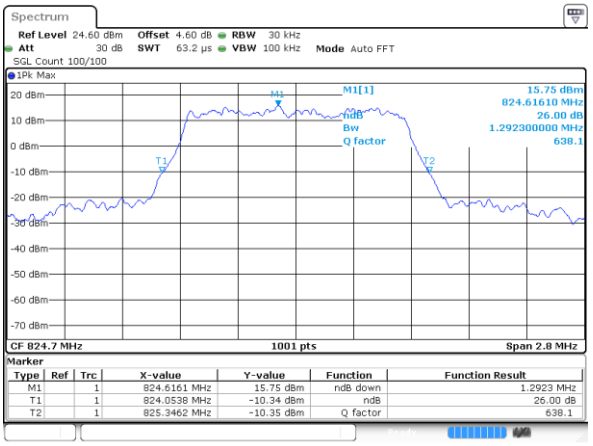
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.270	1.293	2.967	2.973	4.825	4.845	9.83	9.93				
Middle CH	1.273	1.267	2.973	2.973	4.935	4.805	9.71	9.65				
Highest CH	1.276	1.287	2.949	2.961	4.845	4.785	9.75	9.69				
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	1.283		2.979		4.845		9.81					
Middle CH	1.301		2.967		4.795		9.73					
Highest CH	1.267		2.955		4.885		9.73					

LTE Band 5

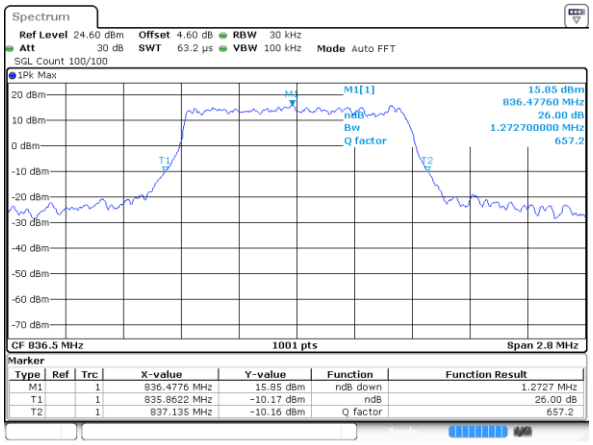
Lowest Channel / 1.4MHz / QPSK



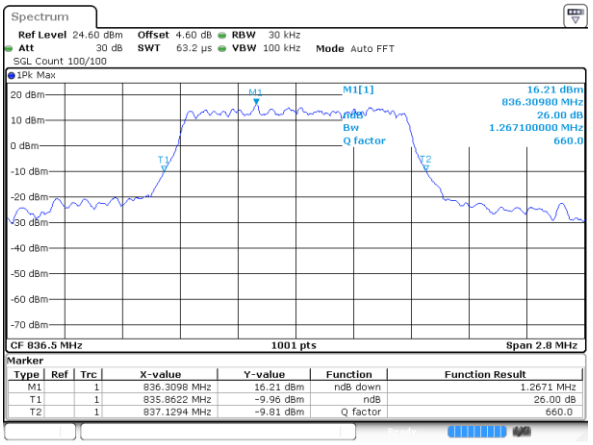
Lowest Channel / 1.4MHz / 16QAM



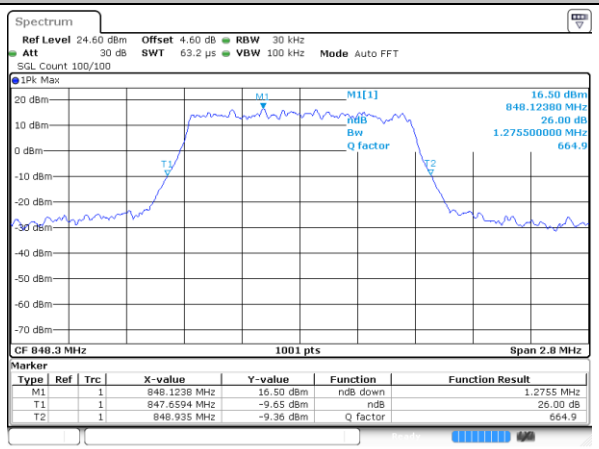
Middle Channel / 1.4MHz / QPSK



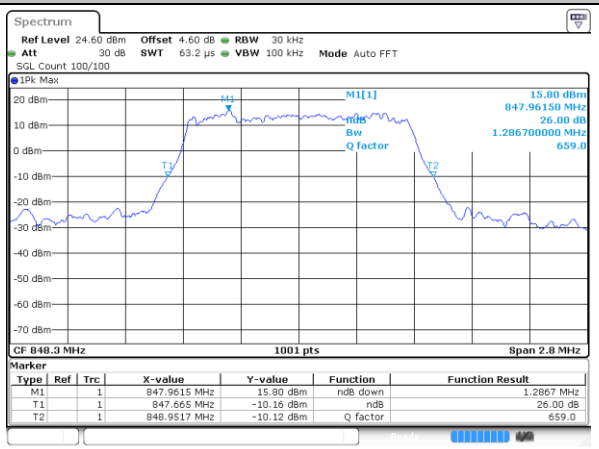
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

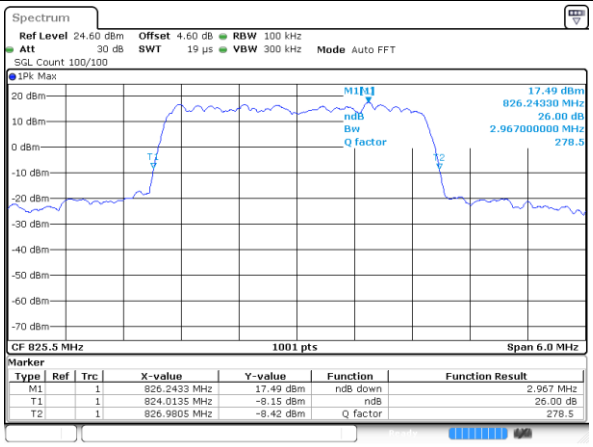


Highest Channel / 1.4MHz / 16QAM

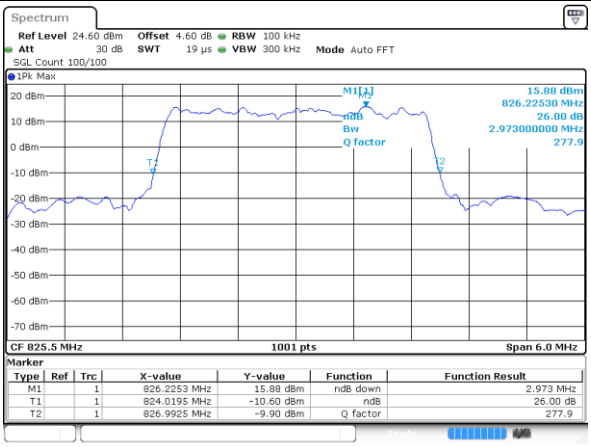


LTE Band 5

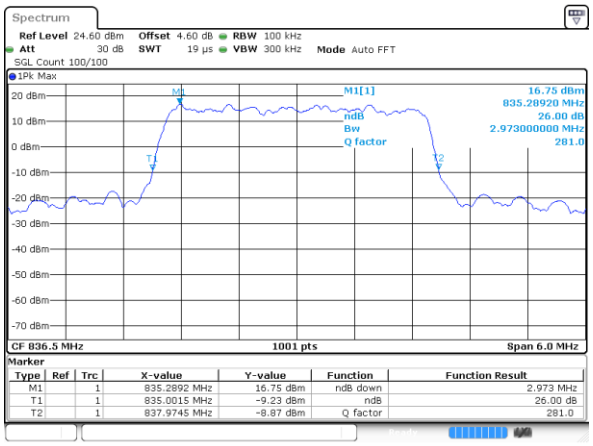
Lowest Channel / 3MHz / QPSK



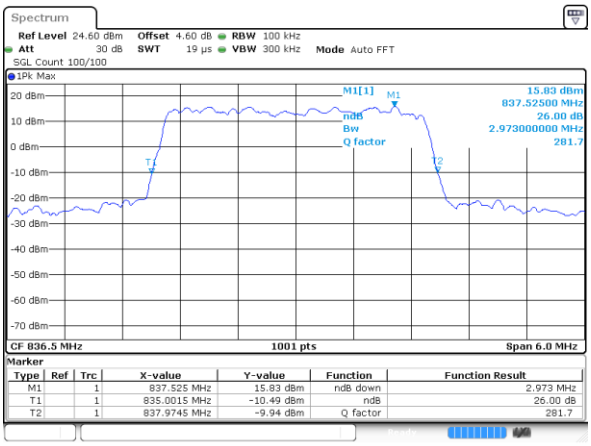
Lowest Channel / 3MHz / 16QAM



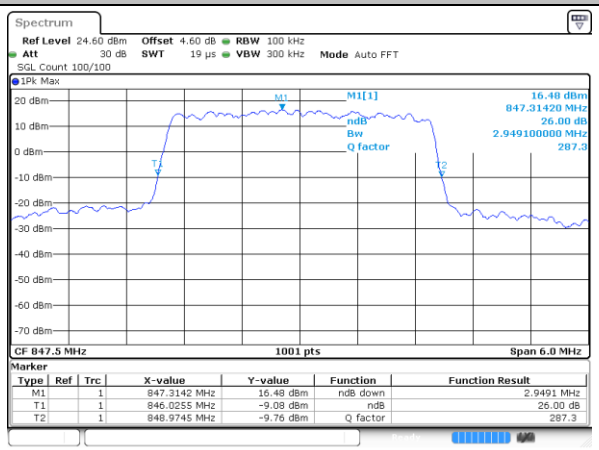
Middle Channel / 3MHz / QPSK



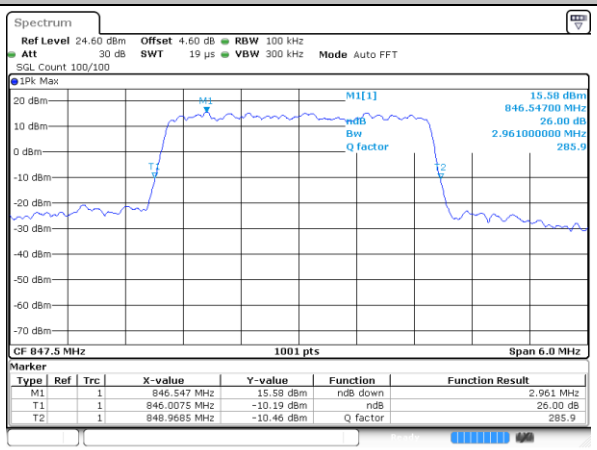
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

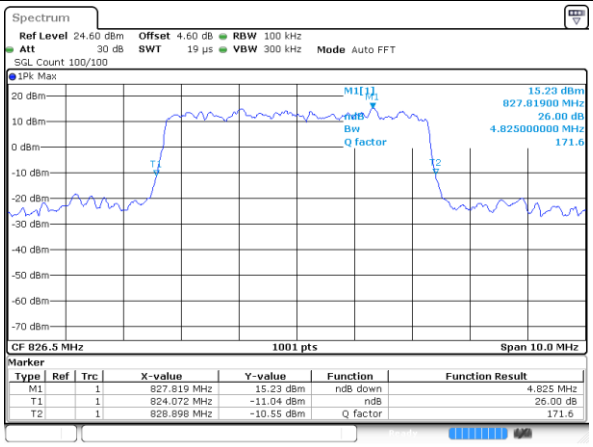


Highest Channel / 3MHz / 16QAM

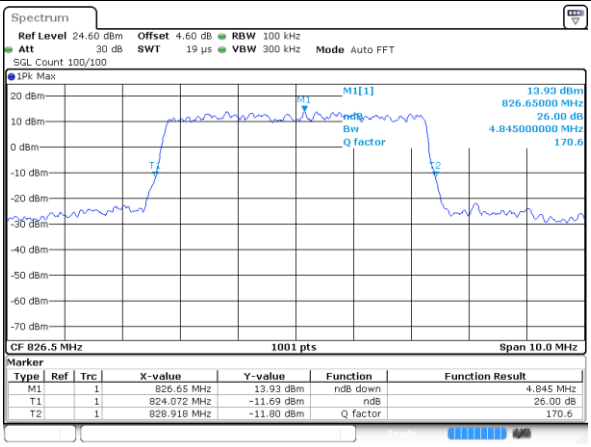


LTE Band 5

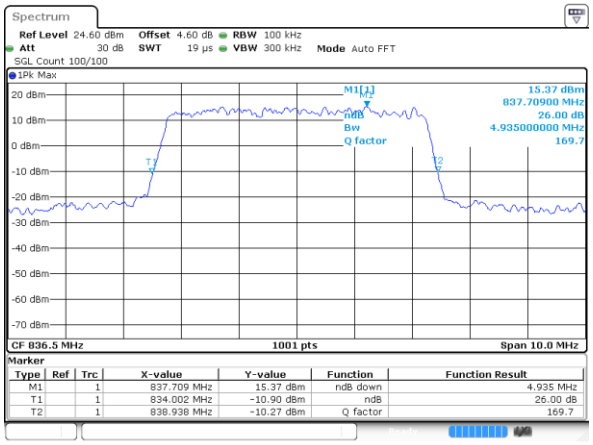
Lowest Channel / 5MHz / QPSK



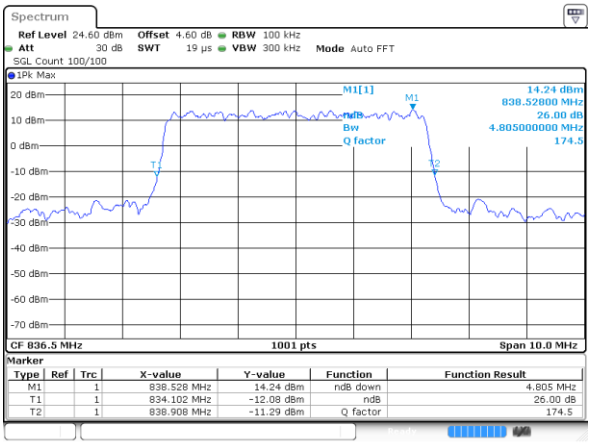
Lowest Channel / 5MHz / 16QAM



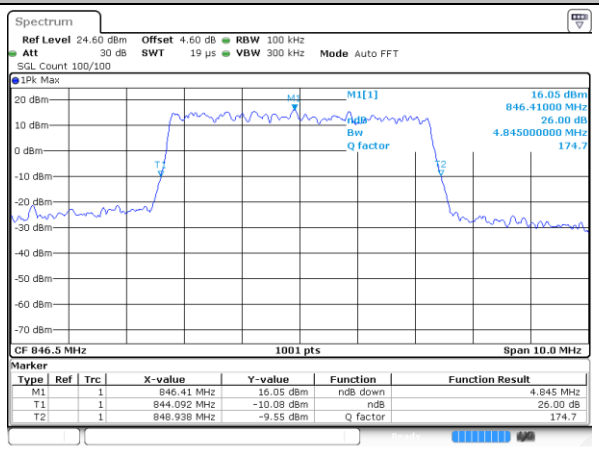
Middle Channel / 5MHz / QPSK



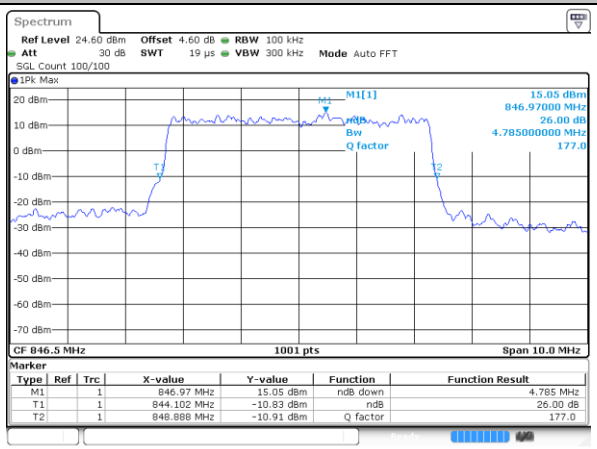
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

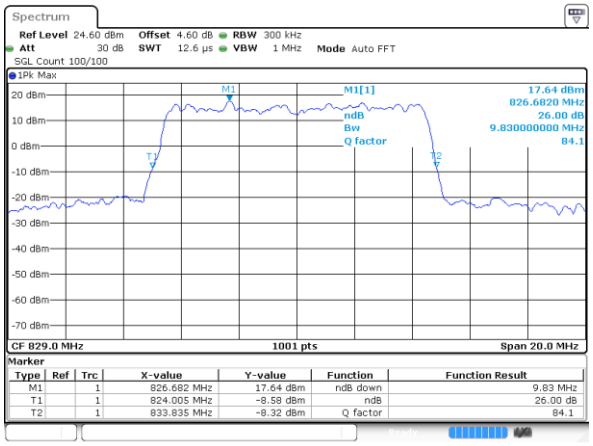


Highest Channel / 5MHz / 16QAM



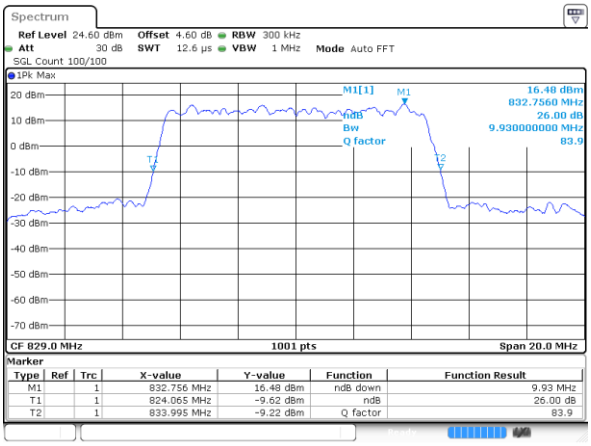
LTE Band 5

Lowest Channel / 10MHz / QPSK



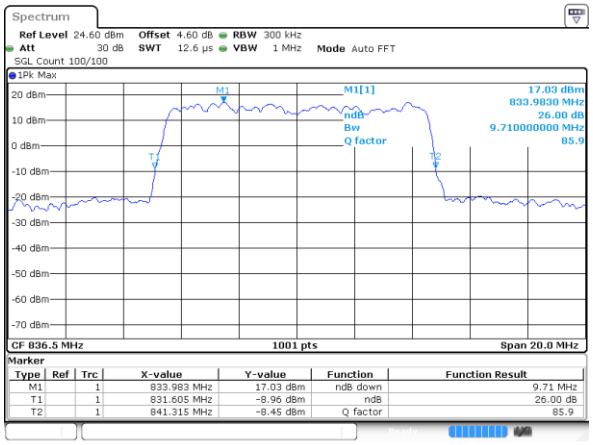
Date: 27.NOV.2019 08:59:19

Lowest Channel / 10MHz / 16QAM



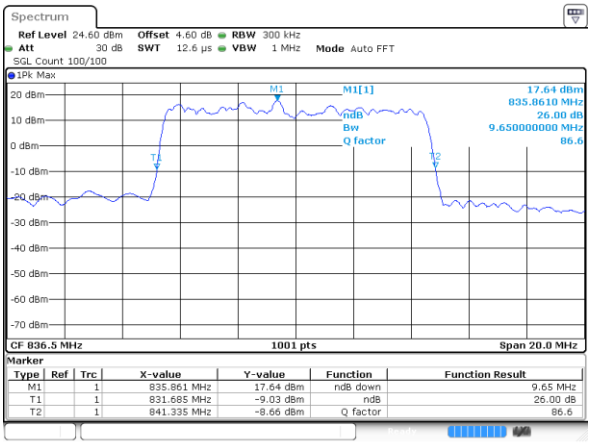
Date: 27.NOV.2019 08:59:29

Middle Channel / 10MHz / QPSK



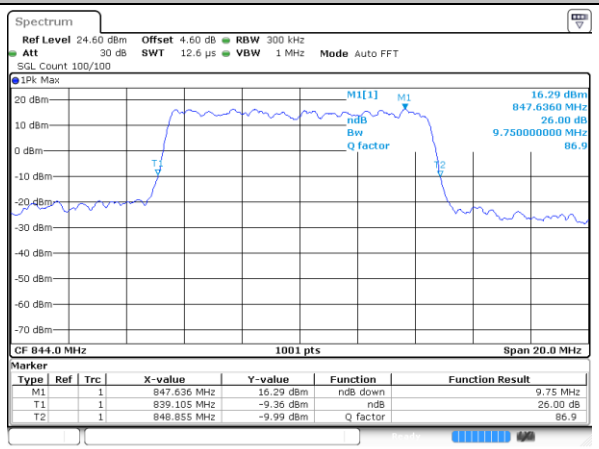
Date: 27.NOV.2019 09:08:17

Middle Channel / 10MHz / 16QAM



Date: 27.NOV.2019 09:08:27

Highest Channel / 10MHz / QPSK



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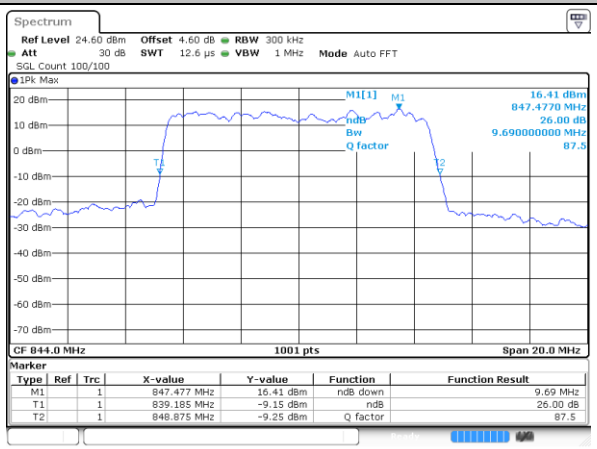
Highest Channel / 10MHz / 16QAM



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