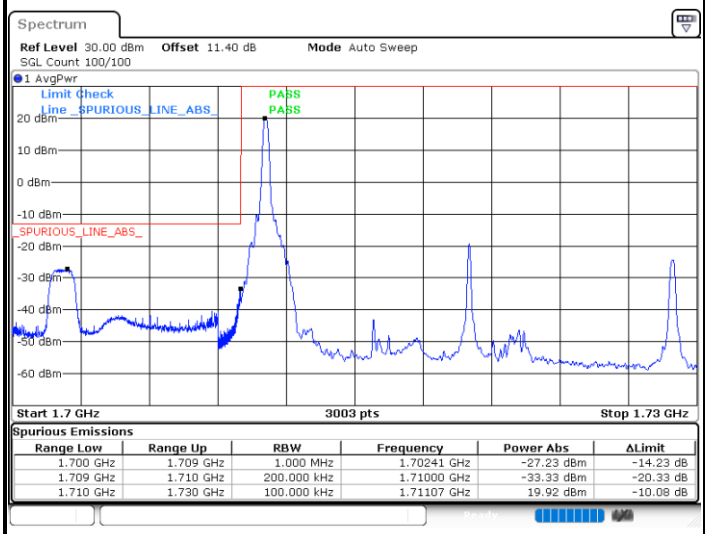
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

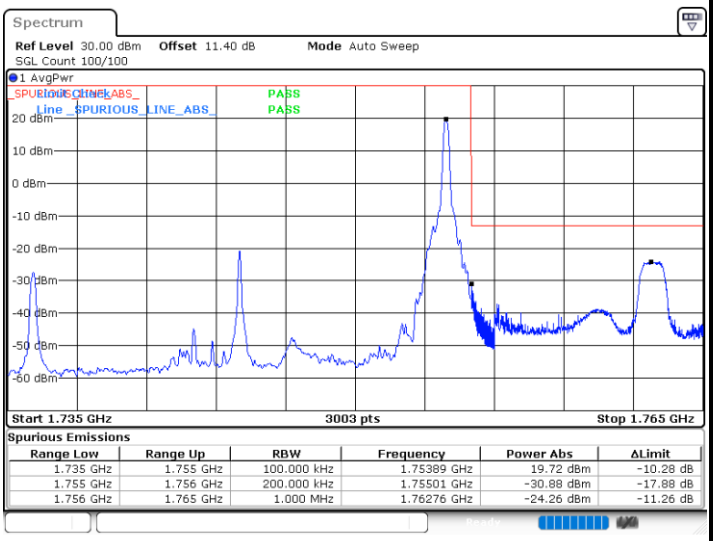


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70241 GHz	-27.23 dBm	-14.23 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-33.33 dBm	-20.33 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	19.92 dBm	-10.08 dB

Date: 13.JAN.2020 13:13:14

Highest Band Edge / 1 RB

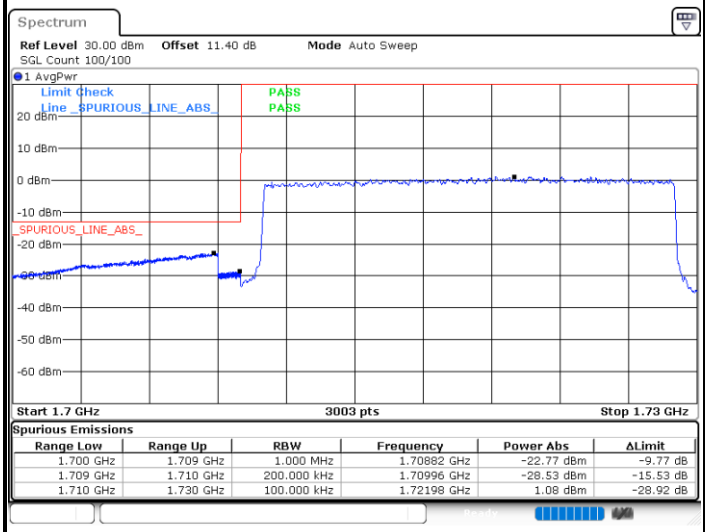


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75389 GHz	19.72 dBm	-10.28 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-30.88 dBm	-17.88 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76276 GHz	-24.26 dBm	-11.26 dB

Date: 13.JAN.2020 13:21:13

Lowest Band Edge / Full RB

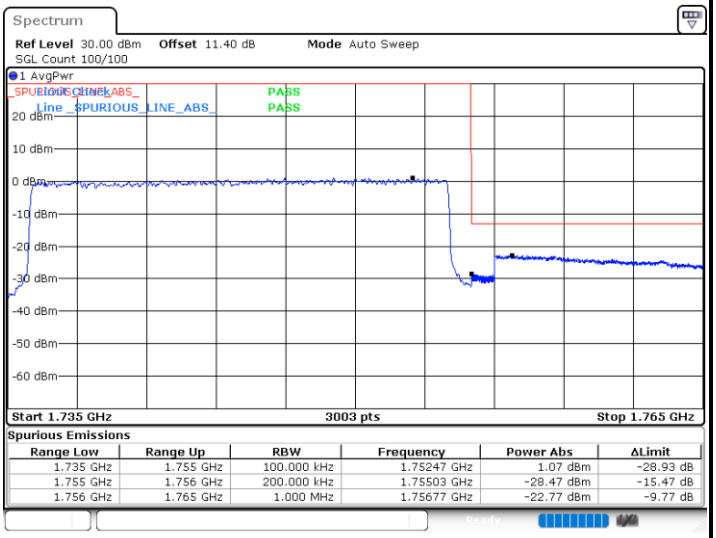


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-22.77 dBm	-9.77 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70996 GHz	-28.53 dBm	-15.53 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72198 GHz	1.08 dBm	-28.92 dB

Date: 13.JAN.2020 13:15:34

Highest Band Edge / Full RB



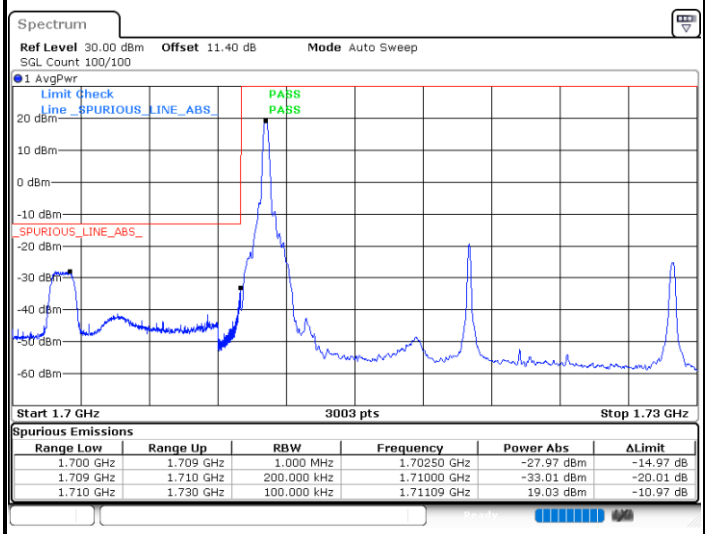
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75247 GHz	1.07 dBm	-28.93 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75503 GHz	-28.47 dBm	-15.47 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75677 GHz	-22.77 dBm	-9.77 dB

Date: 13.JAN.2020 13:23:32

LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

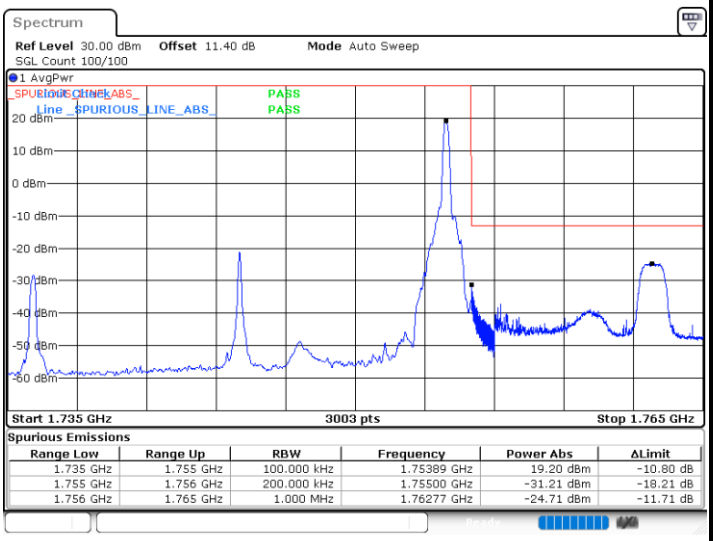


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70250 GHz	-27.97 dBm	-14.97 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-33.01 dBm	-20.01 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71109 GHz	19.03 dBm	-10.97 dB

Date: 13.JAN.2020 13:26:22

Highest Band Edge / 1 RB

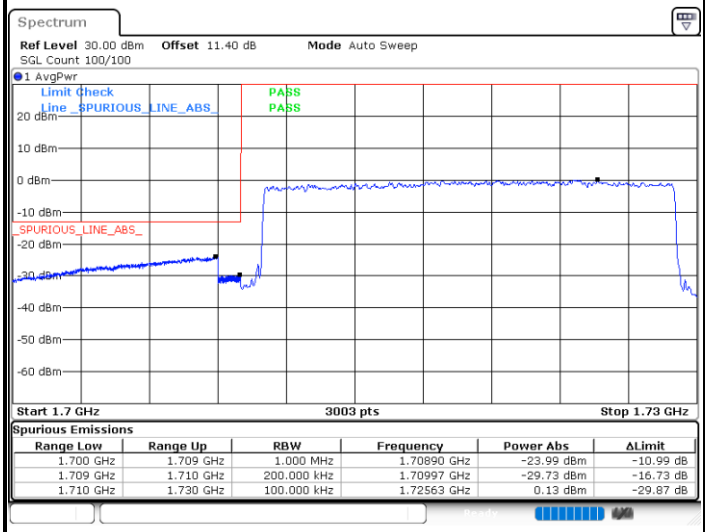


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75389 GHz	19.20 dBm	-10.80 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-31.21 dBm	-18.21 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76277 GHz	-24.71 dBm	-11.71 dB

Date: 13.JAN.2020 13:30:22

Lowest Band Edge / Full RB

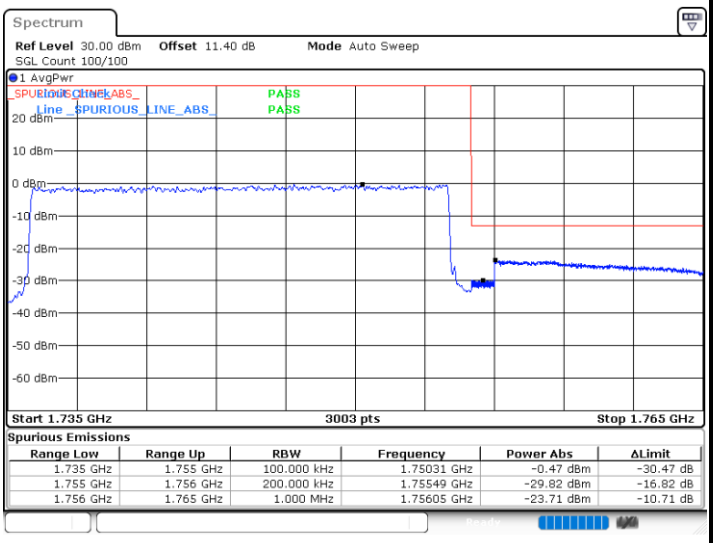


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-23.99 dBm	-10.99 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-29.73 dBm	-16.73 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72563 GHz	0.13 dBm	-29.87 dB

Date: 13.JAN.2020 13:27:32

Highest Band Edge / Full RB



Spurious Emissions

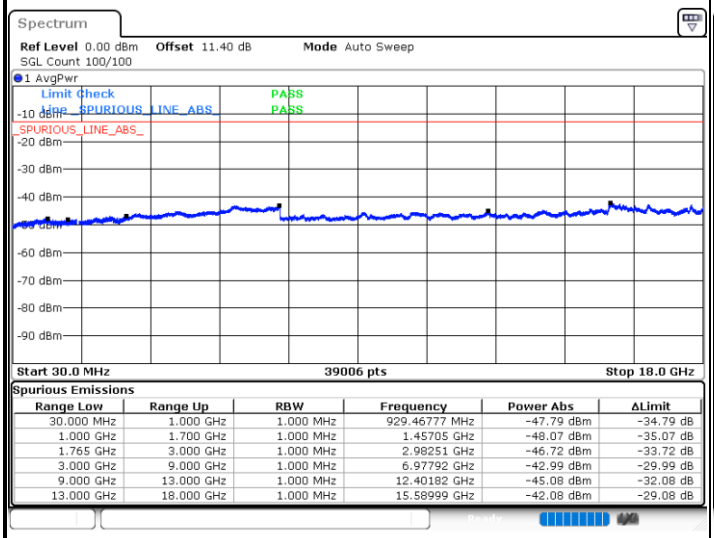
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75031 GHz	-0.47 dBm	-30.47 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75549 GHz	-29.82 dBm	-16.82 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75605 GHz	-23.71 dBm	-10.71 dB

Date: 13.JAN.2020 13:31:31

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

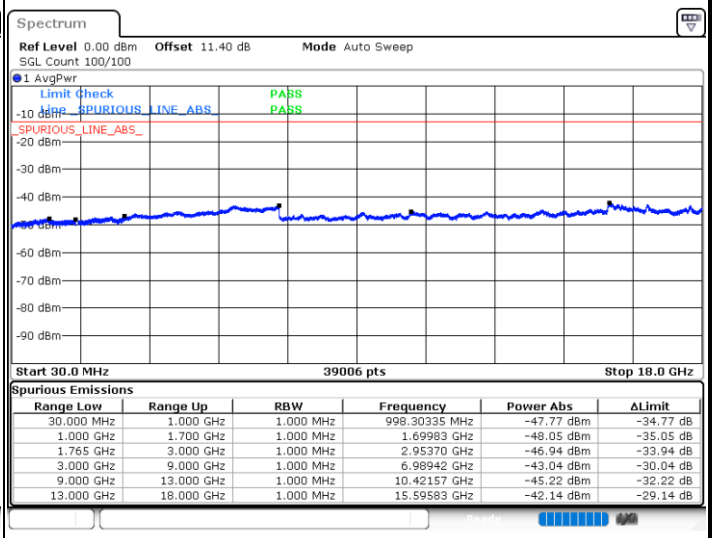


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-47.79 dBm	-34.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45705 GHz	-48.07 dBm	-35.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98251 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97792 GHz	-42.99 dBm	-29.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40182 GHz	-45.08 dBm	-32.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58999 GHz	-42.08 dBm	-29.08 dB

Date: 13.JAN.2020 11:26:33

Lowest Channel / 16QAM

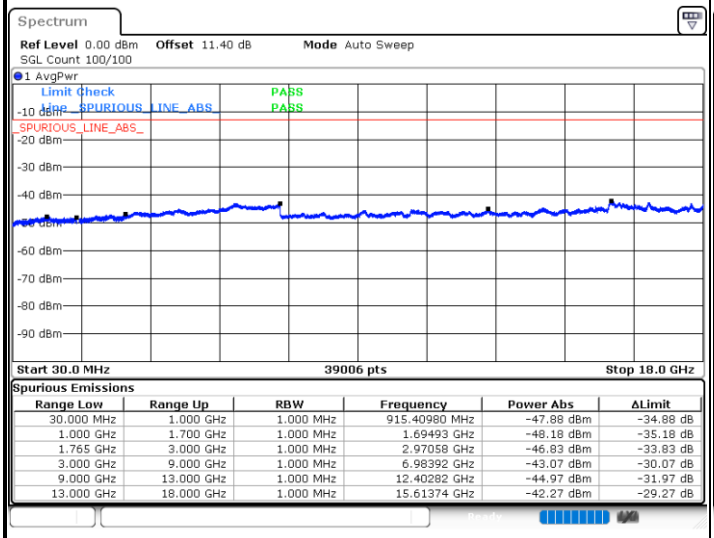


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-47.77 dBm	-34.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.05 dBm	-35.05 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95370 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-43.04 dBm	-30.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.42157 GHz	-45.22 dBm	-32.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59583 GHz	-42.14 dBm	-29.14 dB

Date: 13.JAN.2020 11:27:23

Middle Channel / QPSK

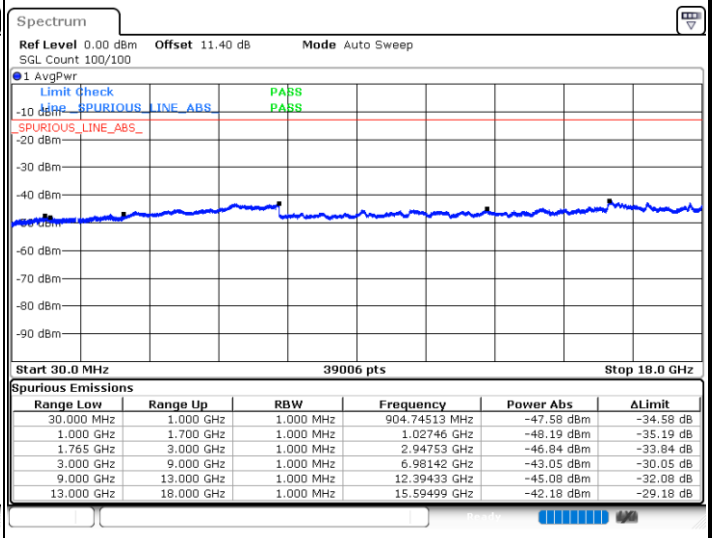


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69493 GHz	-48.18 dBm	-35.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97058 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98392 GHz	-43.07 dBm	-30.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40282 GHz	-44.97 dBm	-31.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61374 GHz	-42.27 dBm	-29.27 dB

Date: 13.JAN.2020 11:28:12

Middle Channel / 16QAM



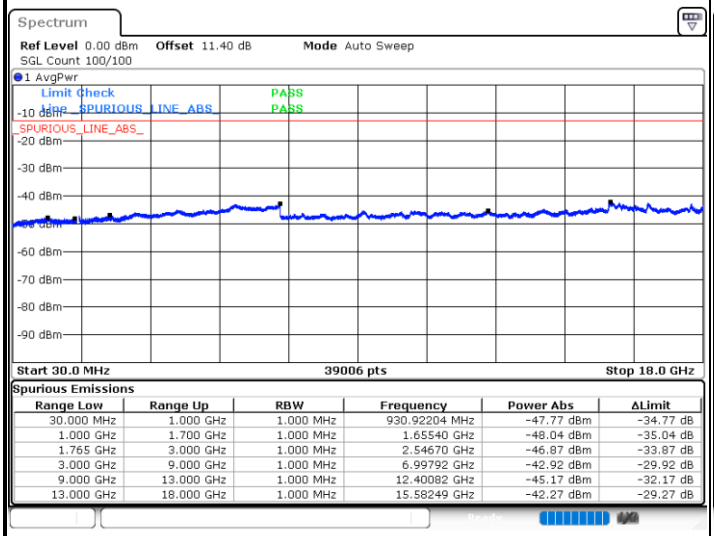
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.74513 MHz	-47.58 dBm	-34.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.02746 GHz	-48.19 dBm	-35.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94753 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98142 GHz	-43.05 dBm	-30.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39433 GHz	-45.08 dBm	-32.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59499 GHz	-42.18 dBm	-29.18 dB

Date: 13.JAN.2020 11:29:02

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

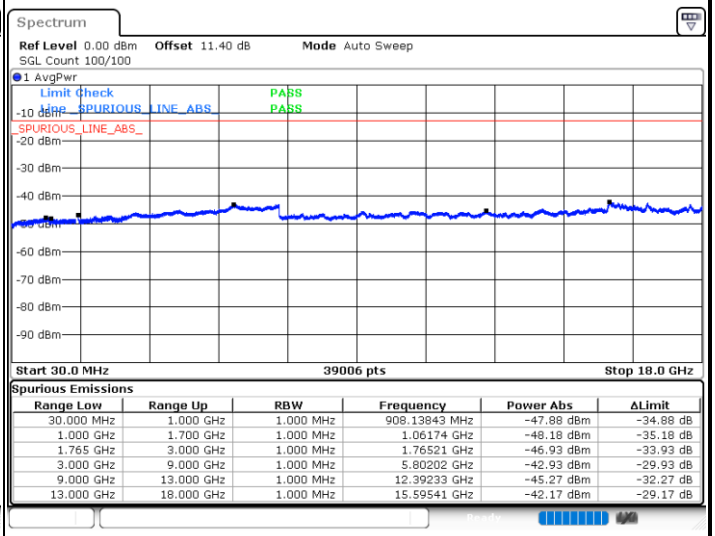


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-47.77 dBm	-34.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65540 GHz	-48.04 dBm	-35.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.54670 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-42.92 dBm	-29.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40082 GHz	-45.17 dBm	-32.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58249 GHz	-42.27 dBm	-29.27 dB

Date: 13.JAN.2020 11:34:31

Highest Channel / 16QAM



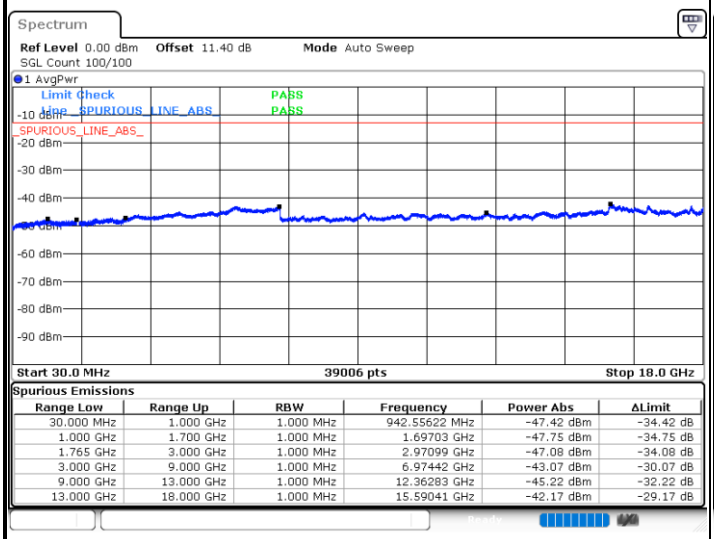
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.06174 GHz	-48.18 dBm	-35.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.80202 GHz	-42.93 dBm	-29.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39233 GHz	-45.27 dBm	-32.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59541 GHz	-42.17 dBm	-29.17 dB

Date: 13.JAN.2020 11:35:21

LTE Band 4 / 3MHz

Lowest Channel / QPSK

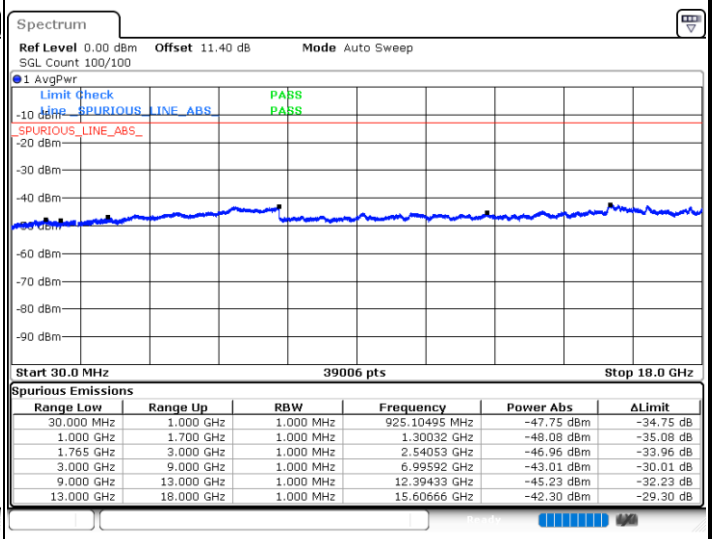


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-47.42 dBm	-34.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-47.75 dBm	-34.75 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97099 GHz	-47.08 dBm	-34.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97442 GHz	-43.07 dBm	-30.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36283 GHz	-45.22 dBm	-32.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59041 GHz	-42.17 dBm	-29.17 dB

Date: 13.JAN.2020 11:48:43

Lowest Channel / 16QAM



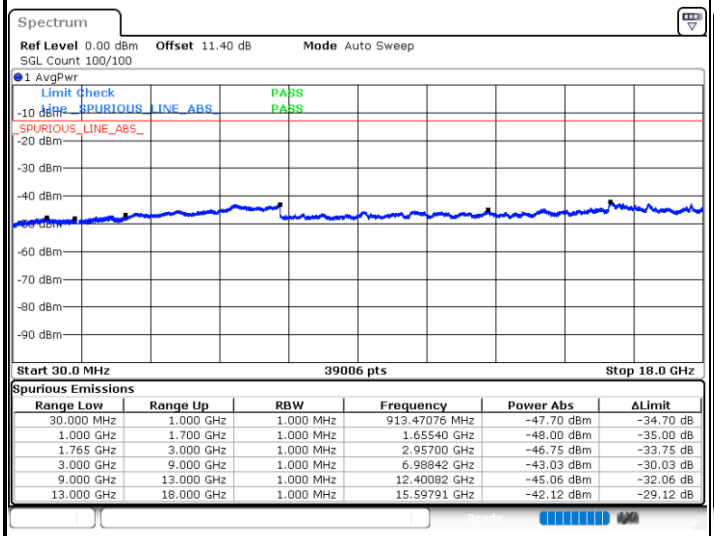
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-47.75 dBm	-34.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.30032 GHz	-48.08 dBm	-35.08 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.54053 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-43.01 dBm	-30.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39433 GHz	-45.23 dBm	-32.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60666 GHz	-42.30 dBm	-29.30 dB

Date: 13.JAN.2020 11:49:33

LTE Band 4 / 3MHz

Middle Channel / QPSK

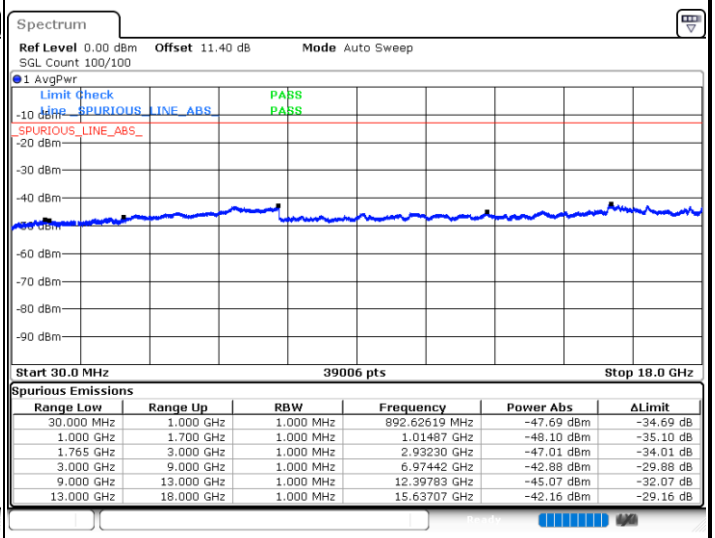


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-47.70 dBm	-34.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65540 GHz	-48.00 dBm	-35.00 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95700 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-43.03 dBm	-30.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40082 GHz	-45.06 dBm	-32.06 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59791 GHz	-42.12 dBm	-29.12 dB

Date: 13.JAN.2020 11:50:23

Middle Channel / 16QAM

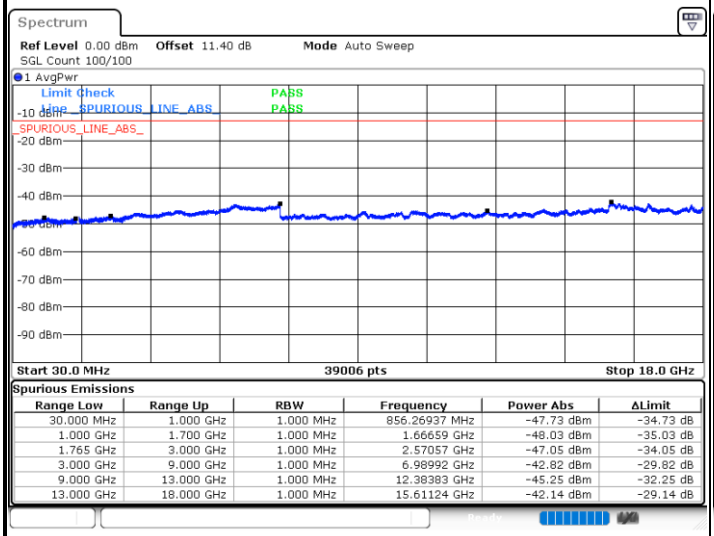


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-47.69 dBm	-34.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.01487 GHz	-48.10 dBm	-35.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.93230 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97442 GHz	-42.88 dBm	-29.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39783 GHz	-45.07 dBm	-32.07 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.63707 GHz	-42.16 dBm	-29.16 dB

Date: 13.JAN.2020 11:51:13

Highest Channel / QPSK

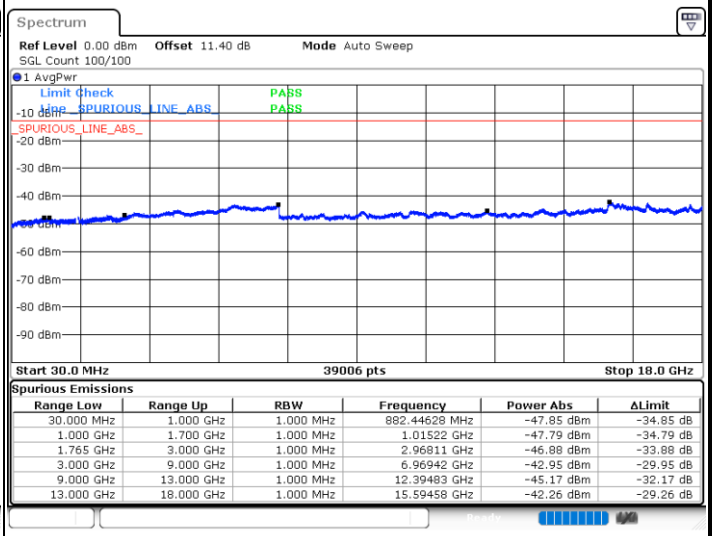


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.26937 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66659 GHz	-48.03 dBm	-35.03 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.57057 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-42.82 dBm	-29.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38383 GHz	-45.25 dBm	-32.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61124 GHz	-42.14 dBm	-29.14 dB

Date: 13.JAN.2020 11:56:42

Highest Channel / 16QAM



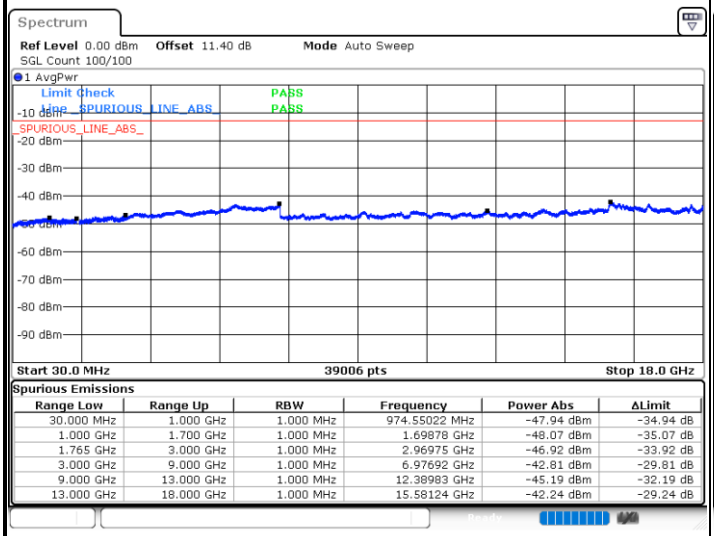
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.44628 MHz	-47.85 dBm	-34.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.01522 GHz	-47.79 dBm	-34.79 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96811 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96942 GHz	-42.95 dBm	-29.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39483 GHz	-45.17 dBm	-32.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59458 GHz	-42.26 dBm	-29.26 dB

Date: 13.JAN.2020 11:57:32

LTE Band 4 / 5MHz

Lowest Channel / QPSK

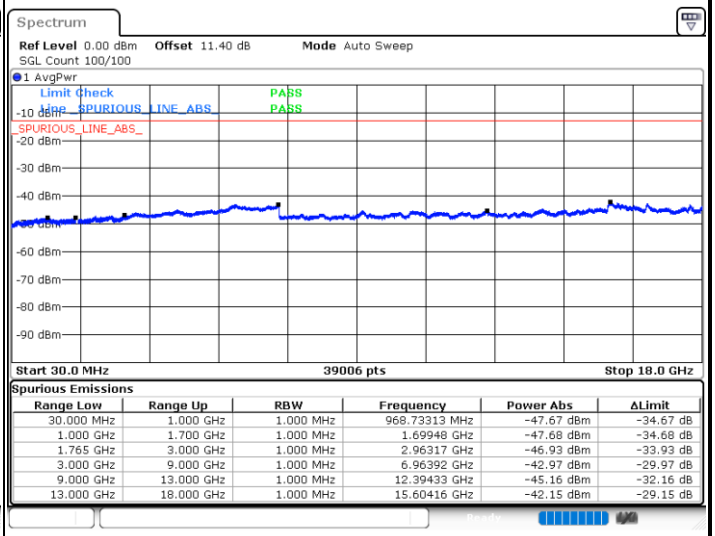


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-47.94 dBm	-34.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-48.07 dBm	-35.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96975 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97692 GHz	-42.81 dBm	-29.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38983 GHz	-45.19 dBm	-32.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58124 GHz	-42.24 dBm	-29.24 dB

Date: 13.JAN.2020 12:17:19

Lowest Channel / 16QAM

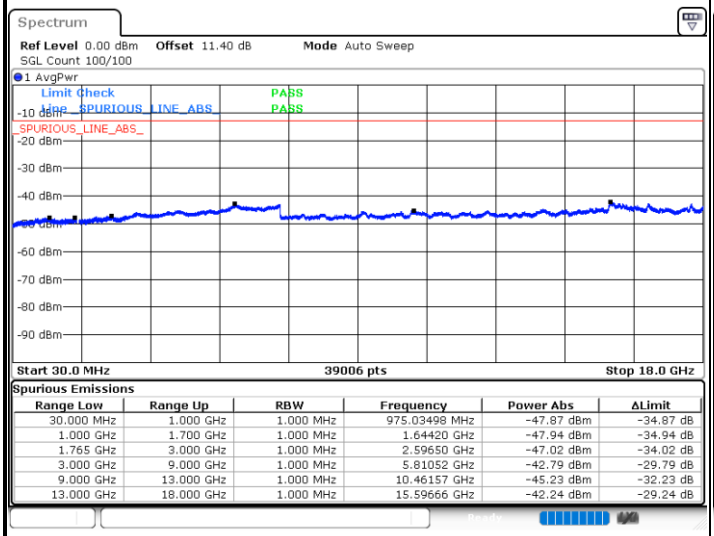


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.73313 MHz	-47.67 dBm	-34.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-47.68 dBm	-34.68 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96317 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96392 GHz	-42.97 dBm	-29.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39433 GHz	-45.16 dBm	-32.16 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60416 GHz	-42.15 dBm	-29.15 dB

Date: 13.JAN.2020 12:18:09

Middle Channel / QPSK

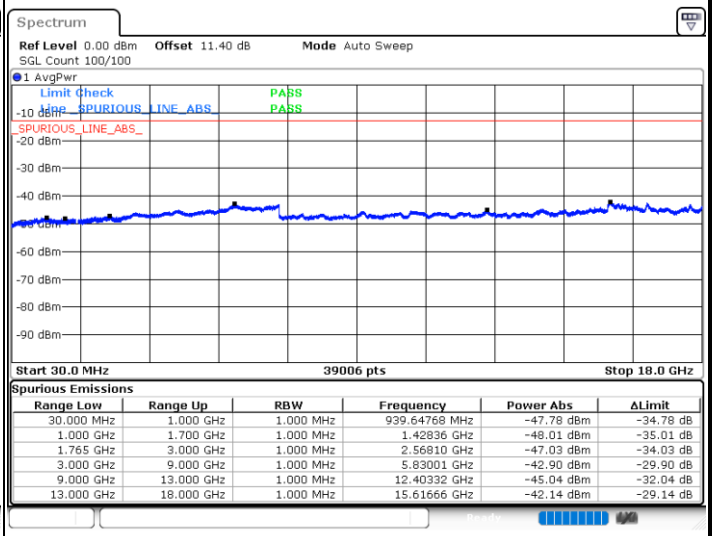


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-47.87 dBm	-34.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64420 GHz	-47.94 dBm	-34.94 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.59650 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.81052 GHz	-42.79 dBm	-29.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.46157 GHz	-45.23 dBm	-32.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59666 GHz	-42.24 dBm	-29.24 dB

Date: 13.JAN.2020 12:18:59

Middle Channel / 16QAM



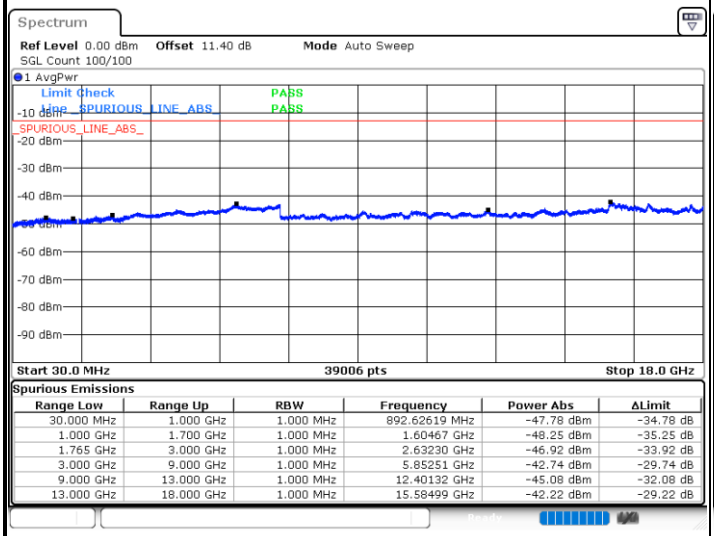
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.42836 GHz	-48.01 dBm	-35.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.56810 GHz	-47.03 dBm	-34.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.83001 GHz	-42.90 dBm	-29.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40332 GHz	-45.04 dBm	-32.04 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61666 GHz	-42.14 dBm	-29.14 dB

Date: 13.JAN.2020 12:19:48

LTE Band 4 / 5MHz

Highest Channel / QPSK

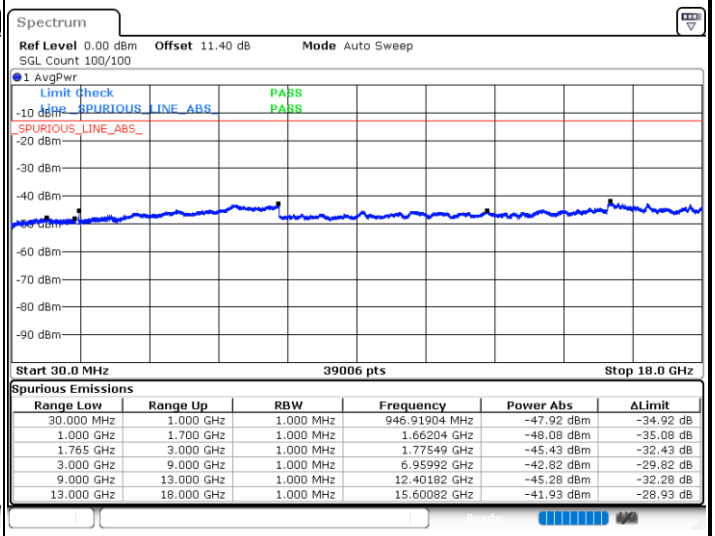


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60467 GHz	-48.25 dBm	-35.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63230 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.85251 GHz	-42.74 dBm	-29.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40132 GHz	-45.08 dBm	-32.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58499 GHz	-42.22 dBm	-29.22 dB

Date: 13.JAN.2020 12:25:18

Highest Channel / 16QAM



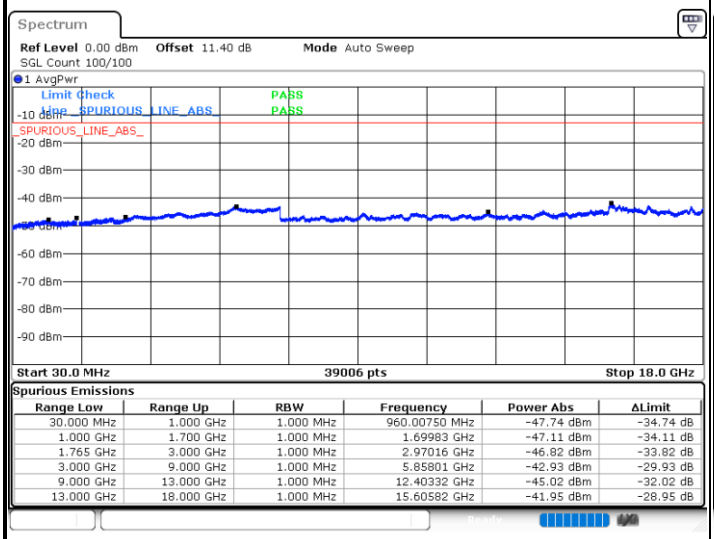
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-47.92 dBm	-34.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66204 GHz	-48.08 dBm	-35.08 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77549 GHz	-45.43 dBm	-32.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95992 GHz	-42.82 dBm	-29.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40182 GHz	-45.28 dBm	-32.28 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60082 GHz	-41.93 dBm	-28.93 dB

Date: 13.JAN.2020 12:26:08

LTE Band 4 / 10MHz

Lowest Channel / QPSK

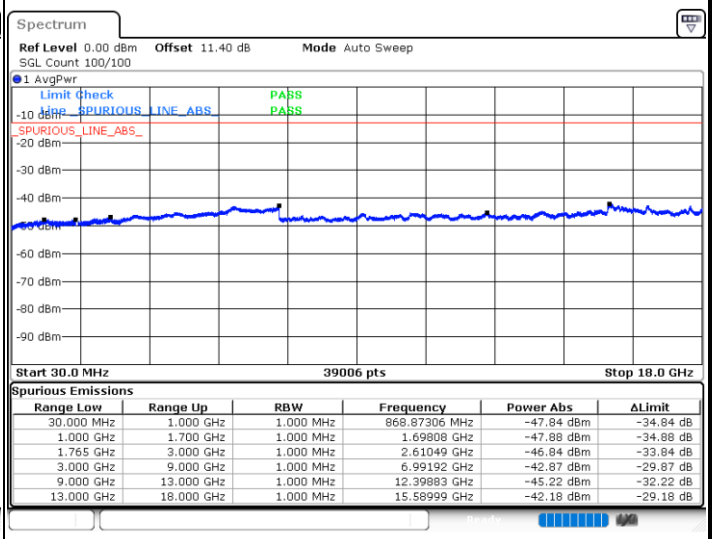


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-47.74 dBm	-34.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-47.11 dBm	-34.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97016 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.85801 GHz	-42.93 dBm	-29.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40332 GHz	-45.02 dBm	-32.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60582 GHz	-41.95 dBm	-28.95 dB

Date: 13.JAN.2020 12:31:38

Lowest Channel / 16QAM



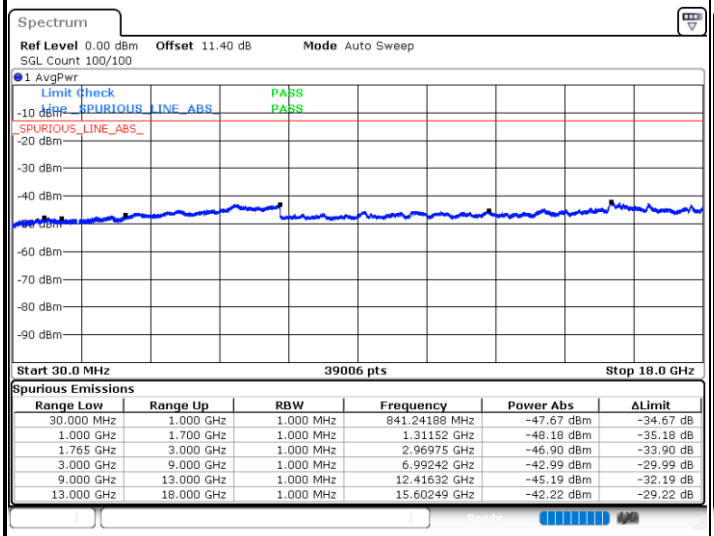
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-47.84 dBm	-34.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-47.88 dBm	-34.88 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.61049 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-42.87 dBm	-29.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39883 GHz	-45.22 dBm	-32.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58999 GHz	-42.18 dBm	-29.18 dB

Date: 13.JAN.2020 12:32:28

LTE Band 4 / 10MHz

Middle Channel / QPSK

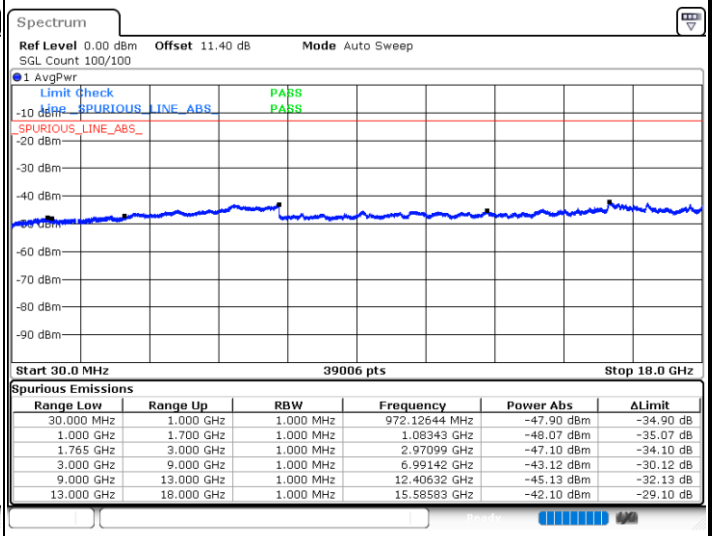


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	841.24188 MHz	-47.67 dBm	-34.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.31152 GHz	-48.18 dBm	-35.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96975 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-42.99 dBm	-29.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41632 GHz	-45.19 dBm	-32.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60249 GHz	-42.22 dBm	-29.22 dB

Date: 13.JAN.2020 12:33:18

Middle Channel / 16QAM

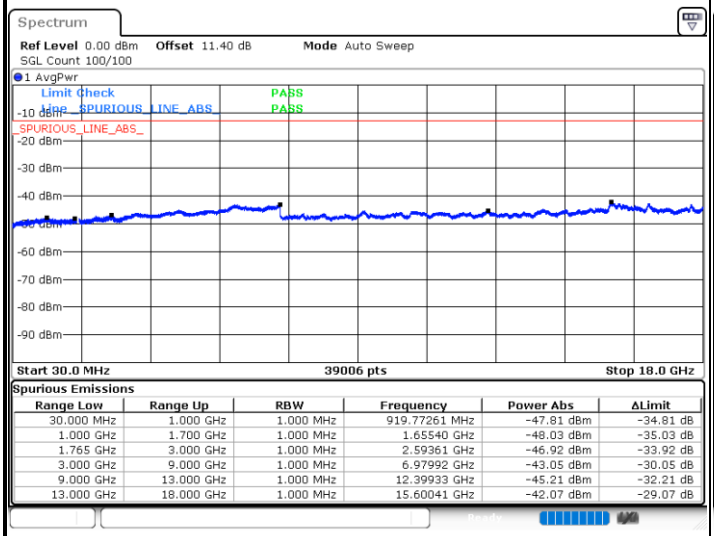


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-47.90 dBm	-34.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.08343 GHz	-48.07 dBm	-35.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97099 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-43.12 dBm	-30.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40632 GHz	-45.13 dBm	-32.13 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58583 GHz	-42.10 dBm	-29.10 dB

Date: 13.JAN.2020 12:34:07

Highest Channel / QPSK

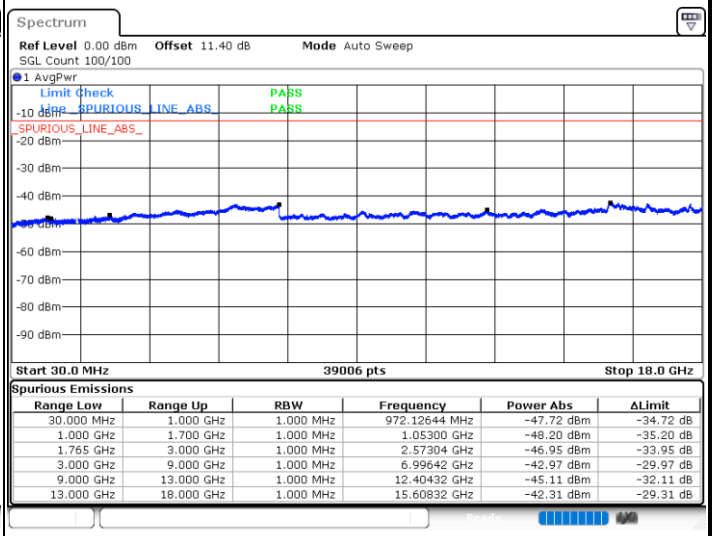


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-47.81 dBm	-34.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65540 GHz	-48.03 dBm	-35.03 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.59361 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97992 GHz	-43.05 dBm	-30.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39933 GHz	-45.21 dBm	-32.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60041 GHz	-42.07 dBm	-29.07 dB

Date: 13.JAN.2020 12:39:36

Highest Channel / 16QAM



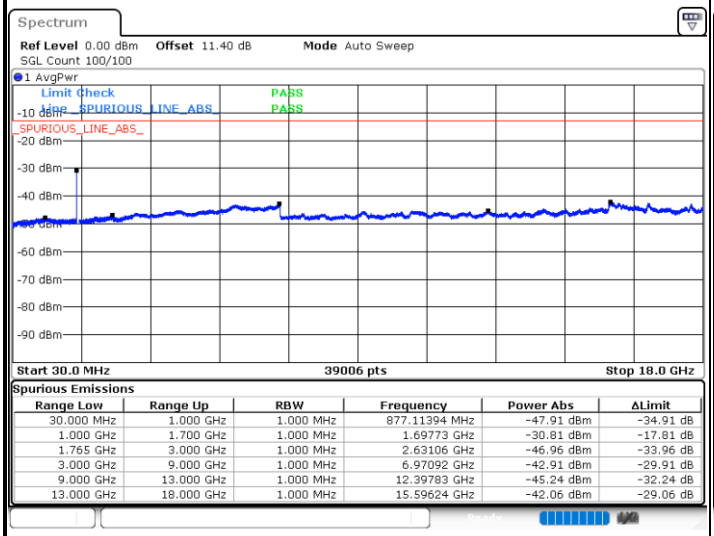
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-47.72 dBm	-34.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.05300 GHz	-48.20 dBm	-35.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.57304 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-42.97 dBm	-29.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40432 GHz	-45.11 dBm	-32.11 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60832 GHz	-42.31 dBm	-29.31 dB

Date: 13.JAN.2020 12:40:27

LTE Band 4 / 15MHz

Lowest Channel / QPSK

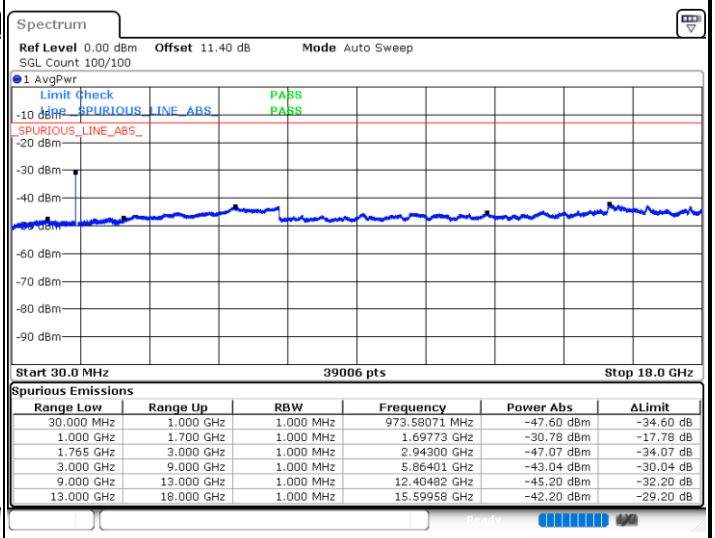


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.11394 MHz	-47.91 dBm	-34.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-30.81 dBm	-17.81 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63106 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97092 GHz	-42.91 dBm	-29.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39783 GHz	-45.24 dBm	-32.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59624 GHz	-42.06 dBm	-29.06 dB

Date: 13.JAN.2020 12:54:57

Lowest Channel / 16QAM

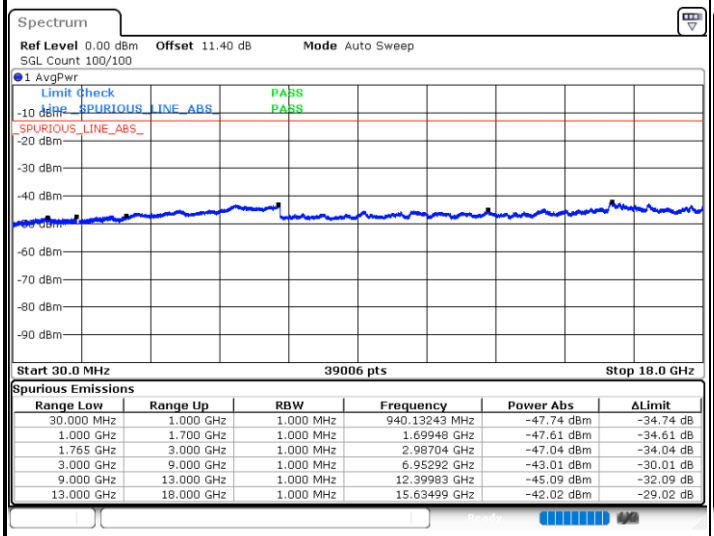


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-30.78 dBm	-17.78 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94300 GHz	-47.07 dBm	-34.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.86401 GHz	-43.04 dBm	-30.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40482 GHz	-45.20 dBm	-32.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59958 GHz	-42.20 dBm	-29.20 dB

Date: 13.JAN.2020 12:55:47

Middle Channel / QPSK

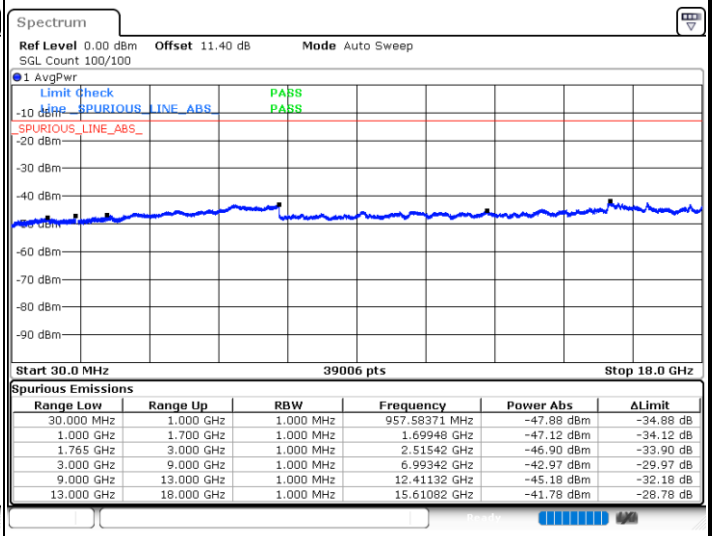


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-47.74 dBm	-34.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-47.61 dBm	-34.61 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98704 GHz	-47.04 dBm	-34.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95292 GHz	-43.01 dBm	-30.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39983 GHz	-45.09 dBm	-32.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.63499 GHz	-42.02 dBm	-29.02 dB

Date: 13.JAN.2020 12:56:37

Middle Channel / 16QAM



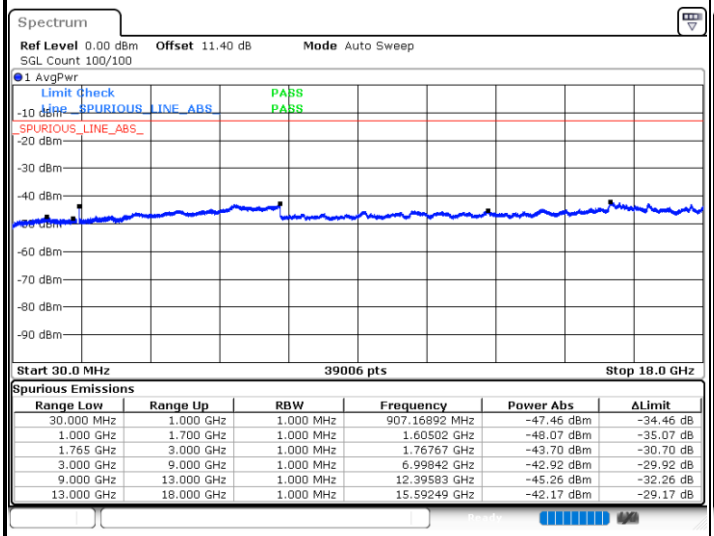
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-47.12 dBm	-34.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51542 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-42.97 dBm	-29.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41132 GHz	-45.18 dBm	-32.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61082 GHz	-41.78 dBm	-28.78 dB

Date: 13.JAN.2020 12:57:26

LTE Band 4 / 15MHz

Highest Channel / QPSK

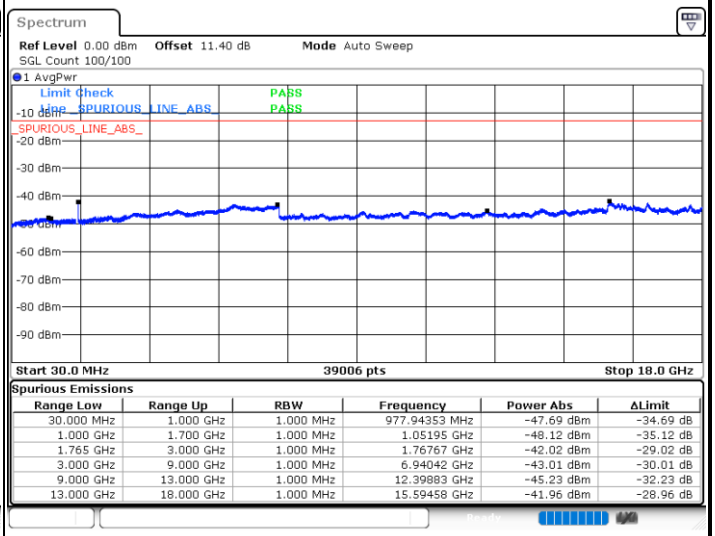


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-47.46 dBm	-34.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60502 GHz	-48.07 dBm	-35.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-43.70 dBm	-30.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-42.92 dBm	-29.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39583 GHz	-45.26 dBm	-32.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59249 GHz	-42.17 dBm	-29.17 dB

Date: 13.JAN.2020 13:02:55

Highest Channel / 16QAM



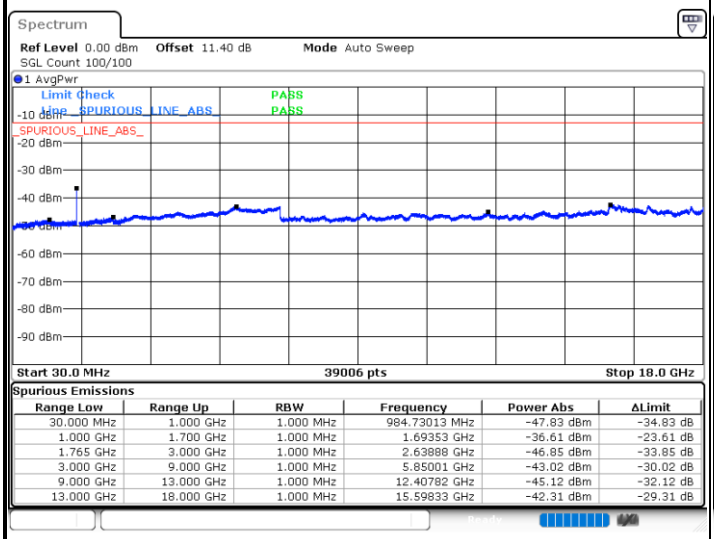
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-47.69 dBm	-34.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.05195 GHz	-48.12 dBm	-35.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-42.02 dBm	-29.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94042 GHz	-43.01 dBm	-30.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39883 GHz	-45.23 dBm	-32.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59458 GHz	-41.96 dBm	-28.96 dB

Date: 13.JAN.2020 13:03:45

LTE Band 4 / 20MHz

Lowest Channel / QPSK

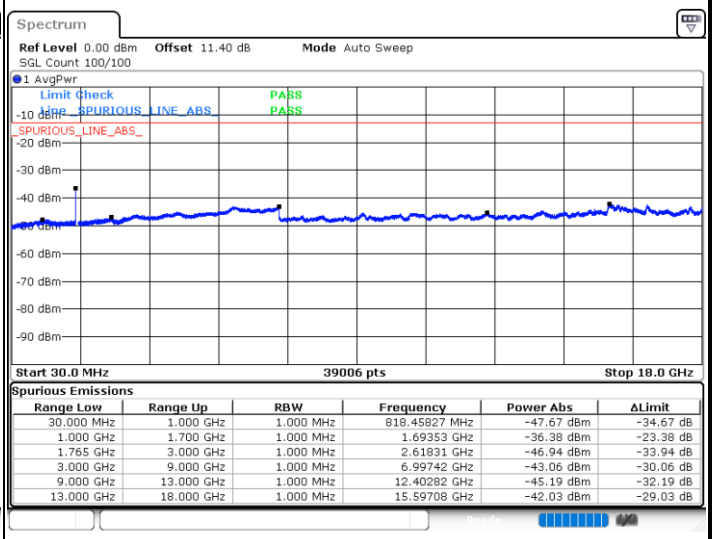


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-47.83 dBm	-34.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-36.61 dBm	-23.61 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63888 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.85001 GHz	-43.02 dBm	-30.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40782 GHz	-45.12 dBm	-32.12 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59833 GHz	-42.31 dBm	-29.31 dB

Date: 13.JAN.2020 13:16:24

Lowest Channel / 16QAM



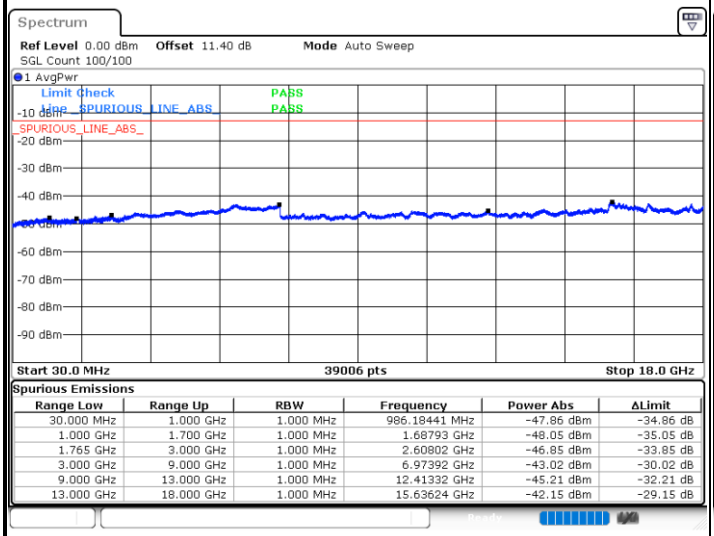
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	818.45827 MHz	-47.67 dBm	-34.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-36.38 dBm	-23.38 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.61831 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-43.06 dBm	-30.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40282 GHz	-45.19 dBm	-32.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59708 GHz	-42.03 dBm	-29.03 dB

Date: 13.JAN.2020 13:17:14

LTE Band 4 / 20MHz

Middle Channel / QPSK

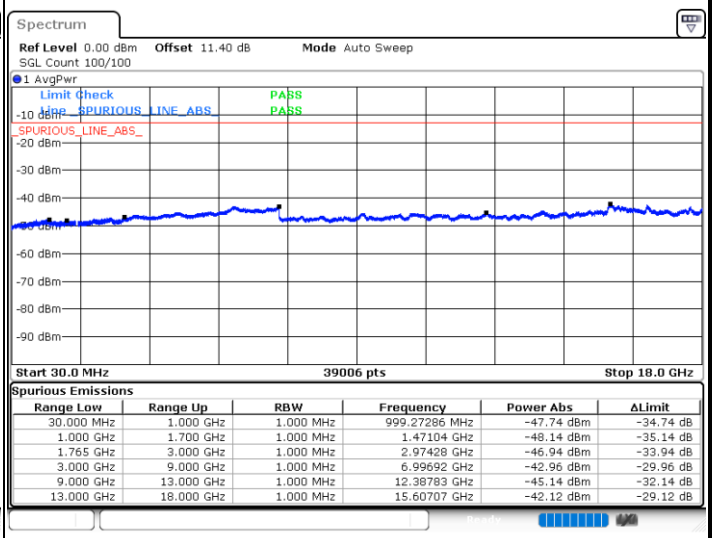


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-47.86 dBm	-34.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68793 GHz	-48.05 dBm	-35.05 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.60802 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97392 GHz	-43.02 dBm	-30.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41332 GHz	-45.21 dBm	-32.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.63624 GHz	-42.15 dBm	-29.15 dB

Date: 13.JAN.2020 13:18:04

Middle Channel / 16QAM

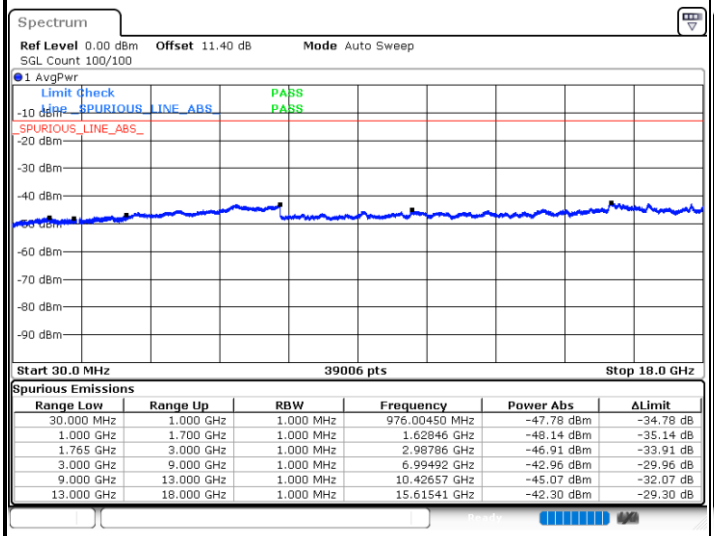


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-47.74 dBm	-34.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.47104 GHz	-48.14 dBm	-35.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97428 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-42.96 dBm	-29.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38783 GHz	-45.14 dBm	-32.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60707 GHz	-42.12 dBm	-29.12 dB

Date: 13.JAN.2020 13:18:54

Highest Channel / QPSK

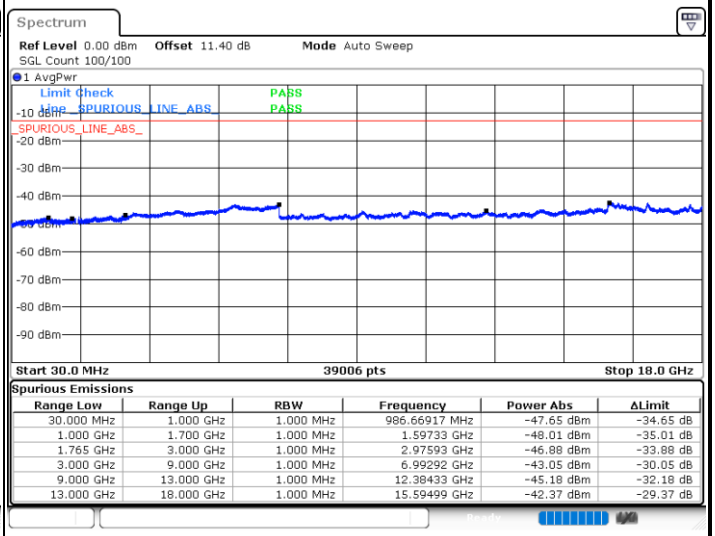


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62846 GHz	-48.14 dBm	-35.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98786 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-42.96 dBm	-29.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.42657 GHz	-45.07 dBm	-32.07 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61541 GHz	-42.30 dBm	-29.30 dB

Date: 13.JAN.2020 13:24:23

Highest Channel / 16QAM



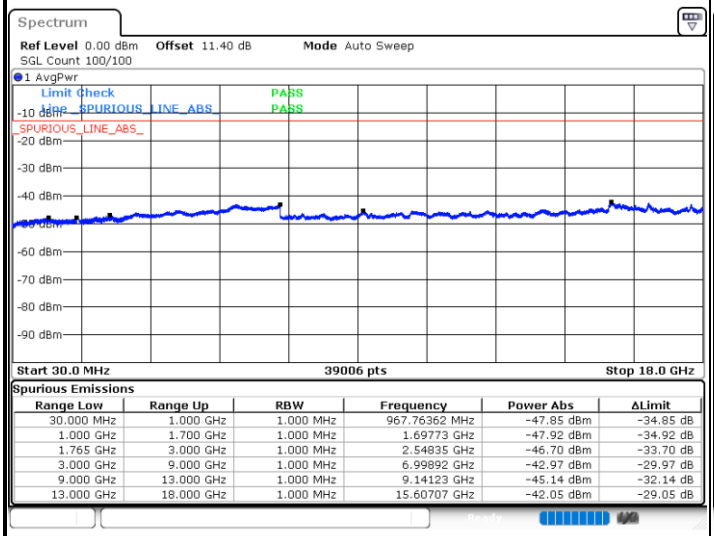
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.66917 MHz	-47.65 dBm	-34.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59733 GHz	-48.01 dBm	-35.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97593 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-43.05 dBm	-30.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38433 GHz	-45.18 dBm	-32.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59499 GHz	-42.37 dBm	-29.37 dB

Date: 13.JAN.2020 13:25:13

LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

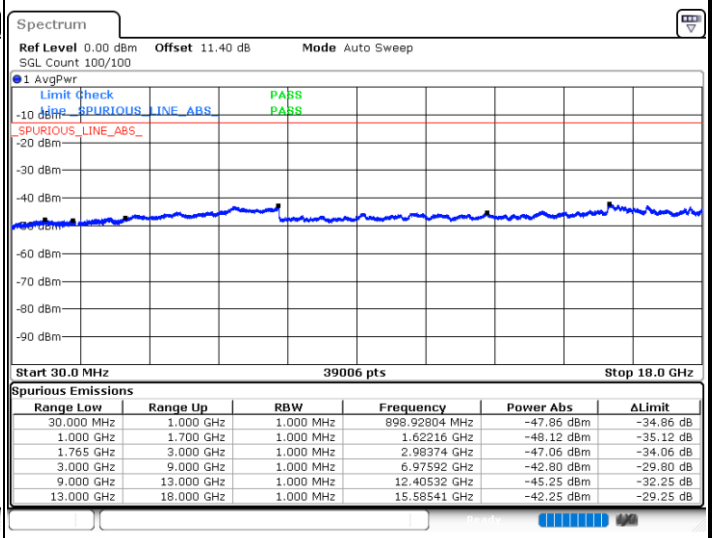


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-47.85 dBm	-34.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-47.92 dBm	-34.92 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.54835 GHz	-46.70 dBm	-33.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-42.97 dBm	-29.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.14123 GHz	-45.14 dBm	-32.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60707 GHz	-42.05 dBm	-29.05 dB

Date: 13.JAN.2020 11:39:14

Middle Channel / 64QAM

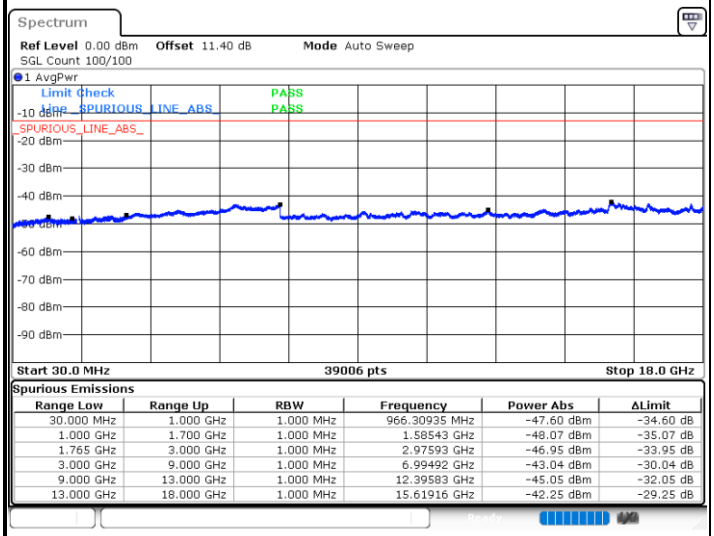


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-47.86 dBm	-34.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62216 GHz	-48.12 dBm	-35.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98374 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97592 GHz	-42.80 dBm	-29.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40532 GHz	-45.25 dBm	-32.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58541 GHz	-42.25 dBm	-29.25 dB

Date: 13.JAN.2020 11:40:04

Highest Channel / 64QAM



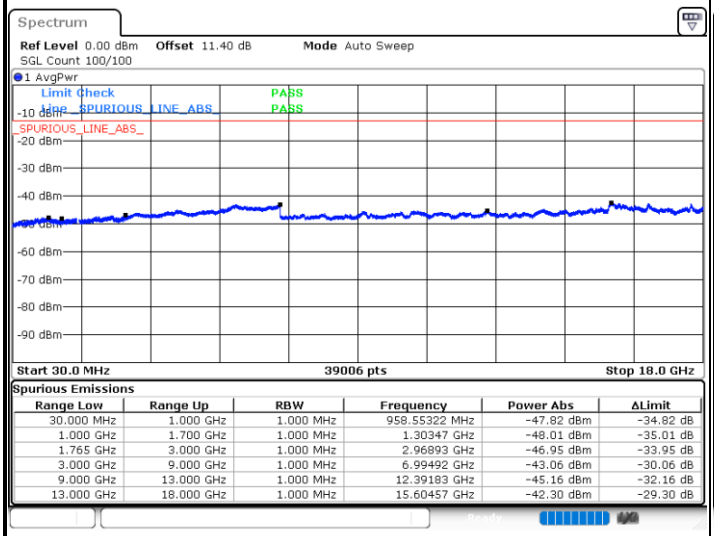
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58543 GHz	-48.07 dBm	-35.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97593 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-43.04 dBm	-30.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39583 GHz	-45.05 dBm	-32.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61916 GHz	-42.25 dBm	-29.25 dB

Date: 13.JAN.2020 11:43:13

LTE Band 4 / 3MHz

Lowest Channel / 64QAM

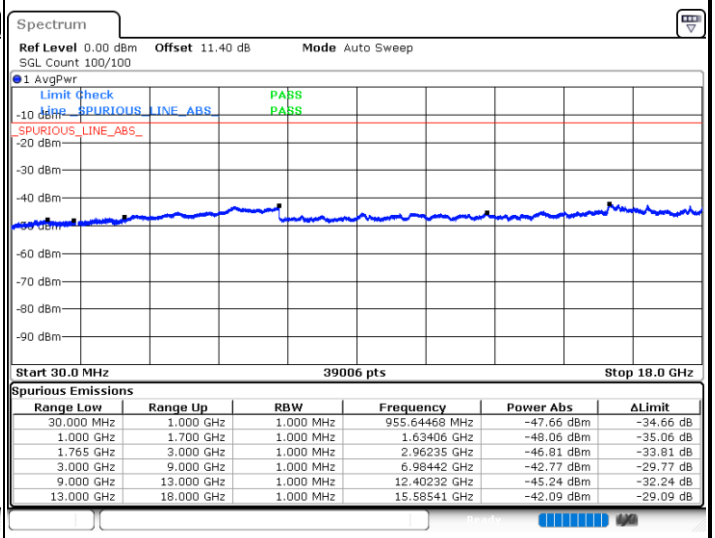


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-47.82 dBm	-34.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.30347 GHz	-48.01 dBm	-35.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96893 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-43.06 dBm	-30.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39183 GHz	-45.16 dBm	-32.16 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60457 GHz	-42.30 dBm	-29.30 dB

Date: 13.JAN.2020 12:00:42

Middle Channel / 64QAM

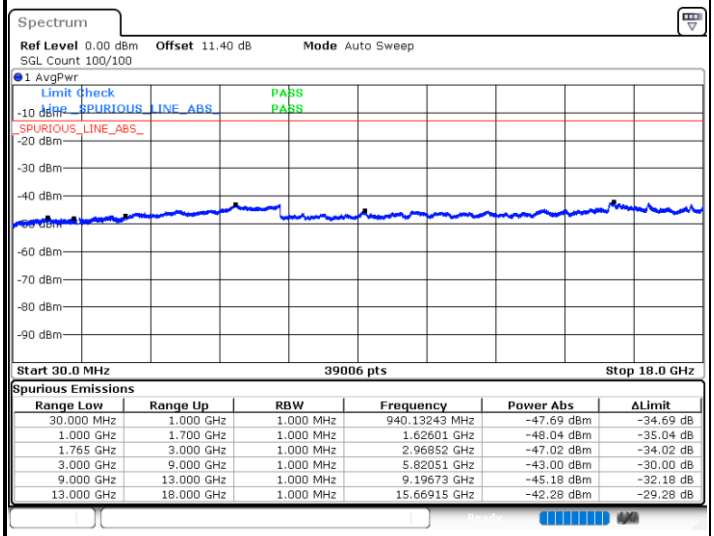


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-47.66 dBm	-34.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63406 GHz	-48.06 dBm	-35.06 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96235 GHz	-46.81 dBm	-33.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98442 GHz	-42.77 dBm	-29.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40232 GHz	-45.24 dBm	-32.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58541 GHz	-42.09 dBm	-29.09 dB

Date: 13.JAN.2020 12:01:31

Highest Channel / 64QAM



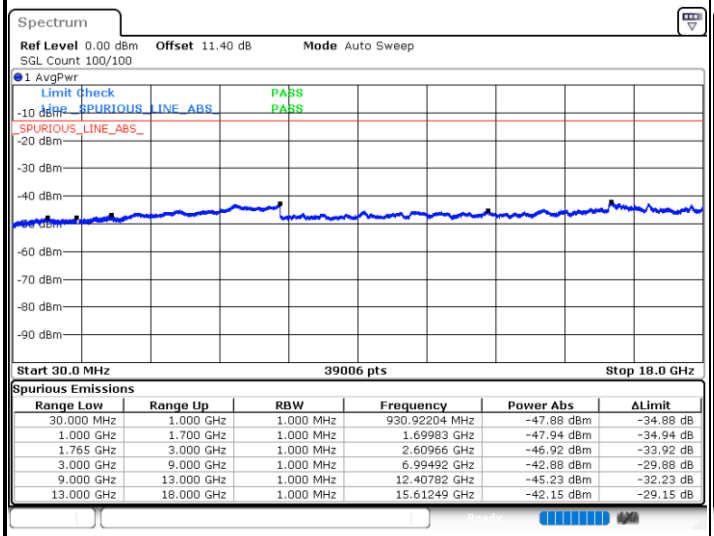
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-47.69 dBm	-34.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62601 GHz	-48.04 dBm	-35.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96852 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.82051 GHz	-43.00 dBm	-30.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.19673 GHz	-45.18 dBm	-32.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.66915 GHz	-42.28 dBm	-29.28 dB

Date: 13.JAN.2020 12:04:41

LTE Band 4 / 5MHz

Lowest Channel / 64QAM

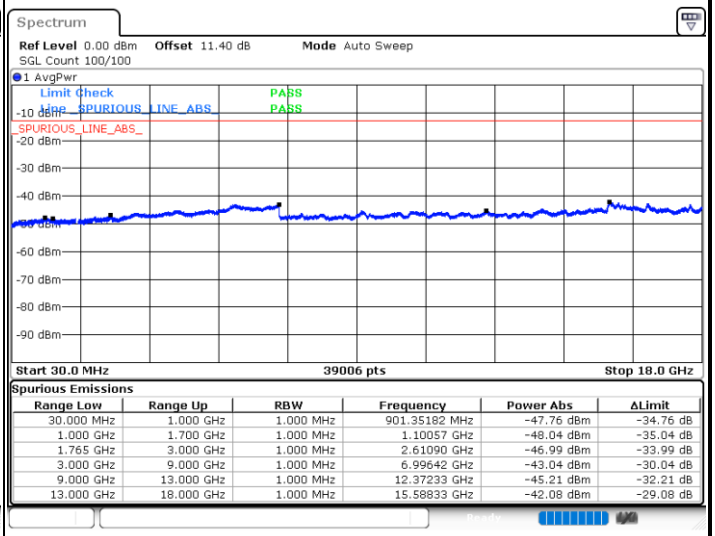


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-47.94 dBm	-34.94 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.60966 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-42.88 dBm	-29.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40782 GHz	-45.23 dBm	-32.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61249 GHz	-42.15 dBm	-29.15 dB

Date: 13.JAN.2020 12:07:51

Middle Channel / 64QAM

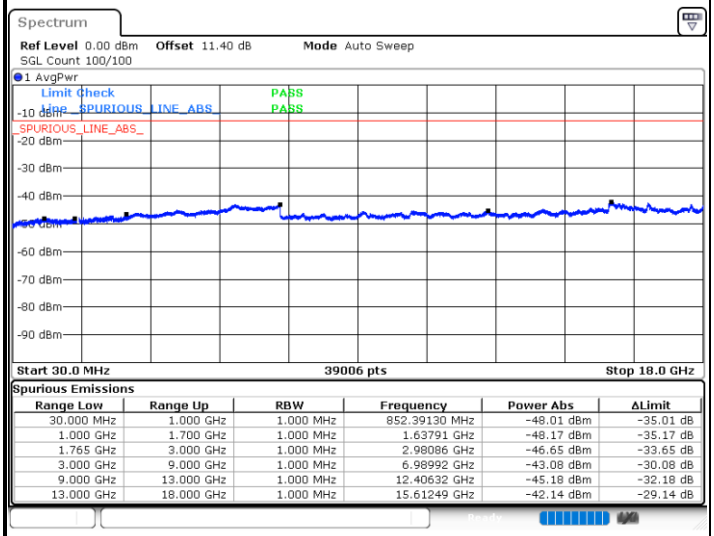


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-47.76 dBm	-34.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.10057 GHz	-48.04 dBm	-35.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.61090 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-43.04 dBm	-30.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37233 GHz	-45.21 dBm	-32.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.58833 GHz	-42.08 dBm	-29.08 dB

Date: 13.JAN.2020 12:08:41

Highest Channel / 64QAM



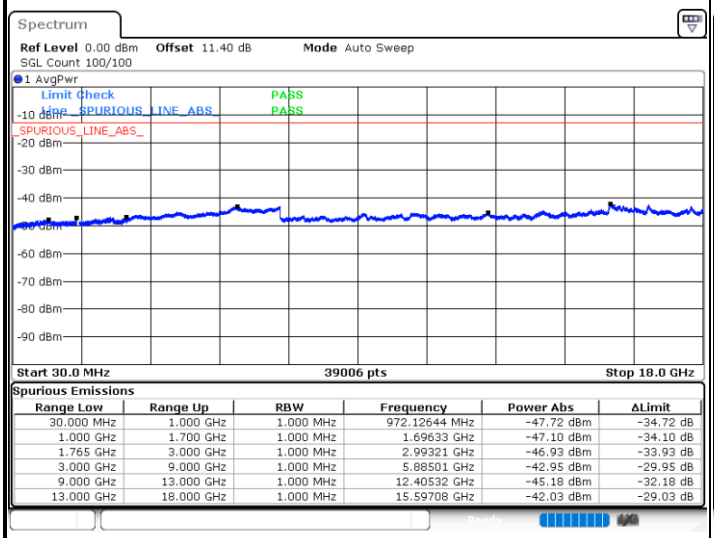
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	852.39130 MHz	-48.01 dBm	-35.01 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63791 GHz	-48.17 dBm	-35.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98086 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-43.08 dBm	-30.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40632 GHz	-45.18 dBm	-32.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61249 GHz	-42.14 dBm	-29.14 dB

Date: 13.JAN.2020 12:11:50

LTE Band 4 / 10MHz

Lowest Channel / 64QAM

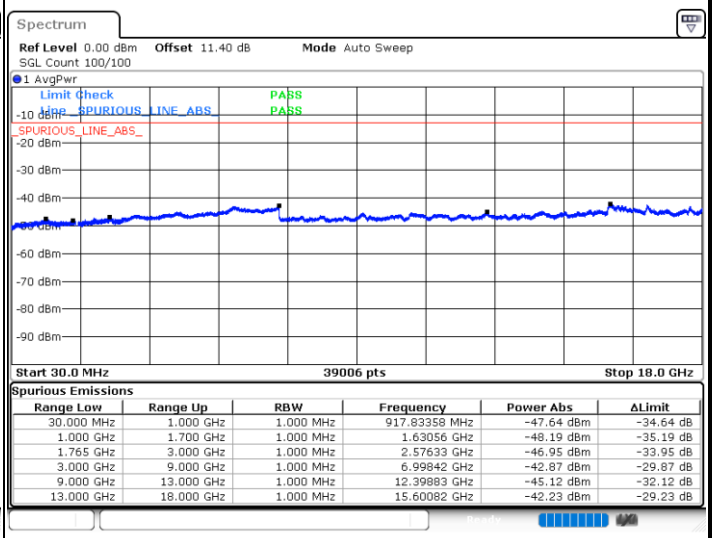


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-47.72 dBm	-34.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-47.10 dBm	-34.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99321 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.88501 GHz	-42.95 dBm	-29.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40532 GHz	-45.18 dBm	-32.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59708 GHz	-42.03 dBm	-29.03 dB

Date: 13.JAN.2020 12:43:36

Middle Channel / 64QAM

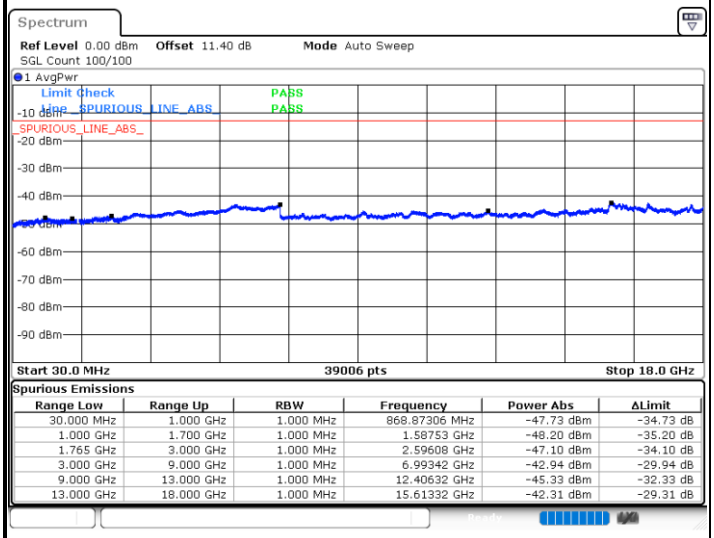


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-47.64 dBm	-34.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63056 GHz	-48.19 dBm	-35.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.57633 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-42.87 dBm	-29.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39883 GHz	-45.12 dBm	-32.12 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60082 GHz	-42.23 dBm	-29.23 dB

Date: 13.JAN.2020 12:44:26

Highest Channel / 64QAM



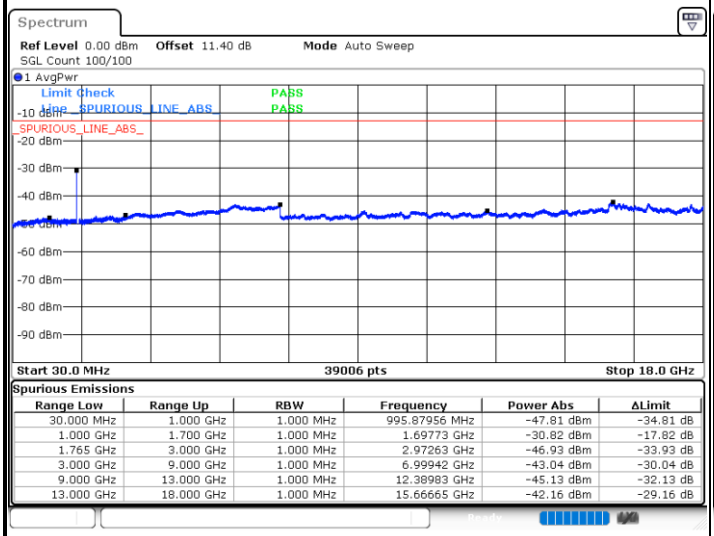
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58753 GHz	-48.20 dBm	-35.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.59608 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-42.94 dBm	-29.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40632 GHz	-45.33 dBm	-32.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.61332 GHz	-42.31 dBm	-29.31 dB

Date: 13.JAN.2020 12:47:35

LTE Band 4 / 15MHz

Lowest Channel / 64QAM

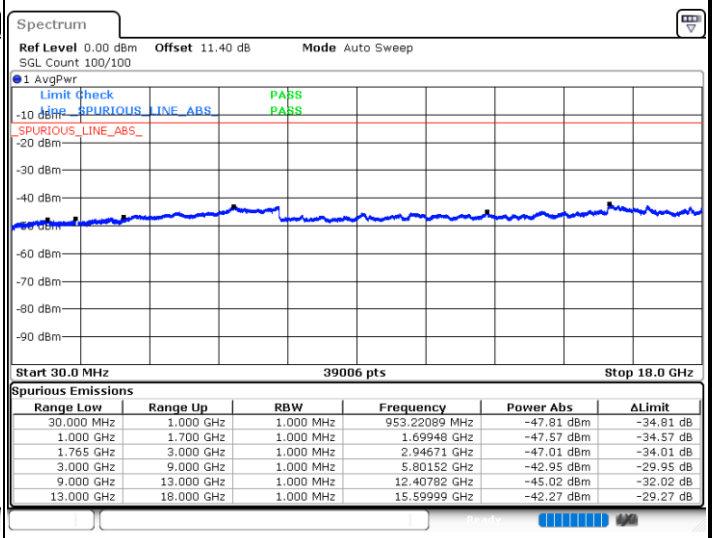


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-47.81 dBm	-34.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-30.82 dBm	-17.82 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97263 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-43.04 dBm	-30.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38983 GHz	-45.13 dBm	-32.13 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.66665 GHz	-42.16 dBm	-29.16 dB

Date: 13.JAN.2020 13:06:55

Middle Channel / 64QAM

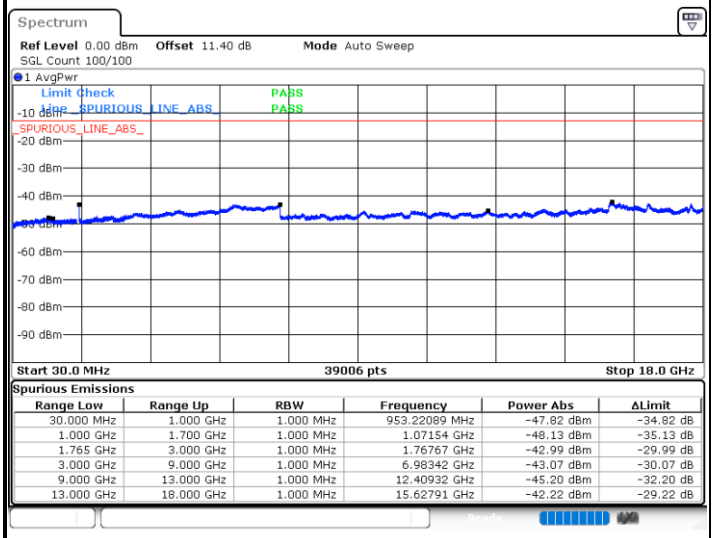


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-47.81 dBm	-34.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-47.57 dBm	-34.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94671 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.80152 GHz	-42.95 dBm	-29.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40782 GHz	-45.02 dBm	-32.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59999 GHz	-42.27 dBm	-29.27 dB

Date: 13.JAN.2020 13:07:45

Highest Channel / 64QAM



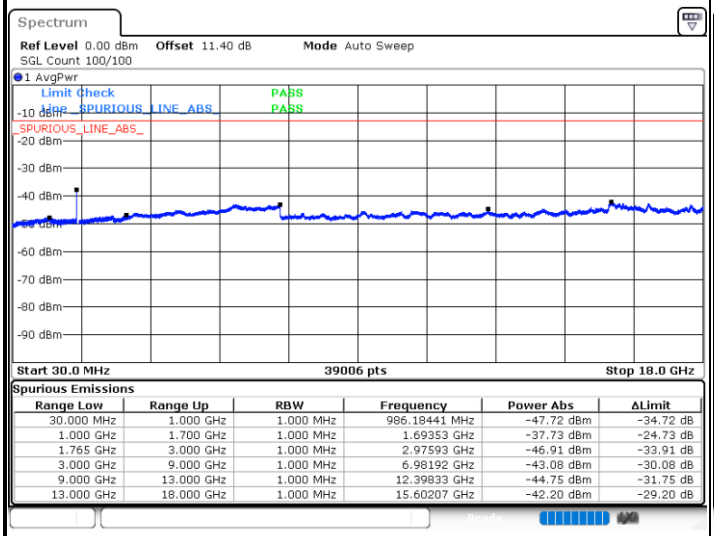
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-47.82 dBm	-34.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.07154 GHz	-48.13 dBm	-35.13 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-42.99 dBm	-29.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98342 GHz	-43.07 dBm	-30.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40932 GHz	-45.20 dBm	-32.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.62791 GHz	-42.22 dBm	-29.22 dB

Date: 13.JAN.2020 13:10:54

LTE Band 4 / 20MHz

Lowest Channel / 64QAM

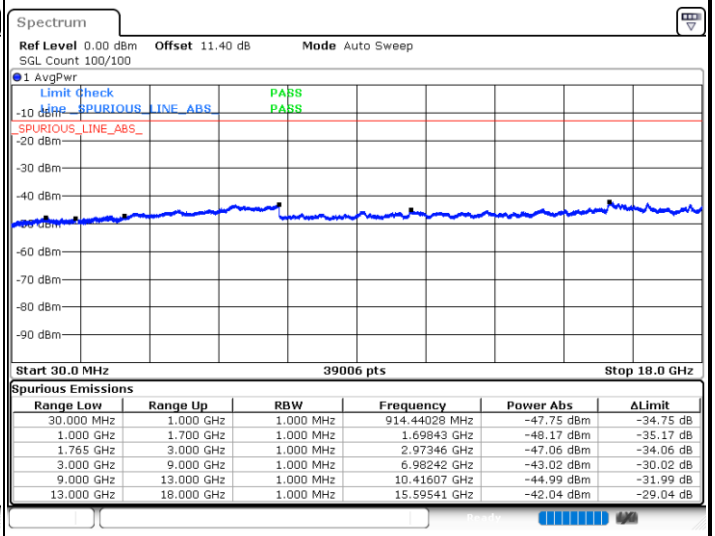


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-47.72 dBm	-34.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-37.73 dBm	-24.73 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97593 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98192 GHz	-43.08 dBm	-30.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39833 GHz	-44.75 dBm	-31.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.60207 GHz	-42.20 dBm	-29.20 dB

Date: 13.JAN.2020 13:28:23

Middle Channel / 64QAM

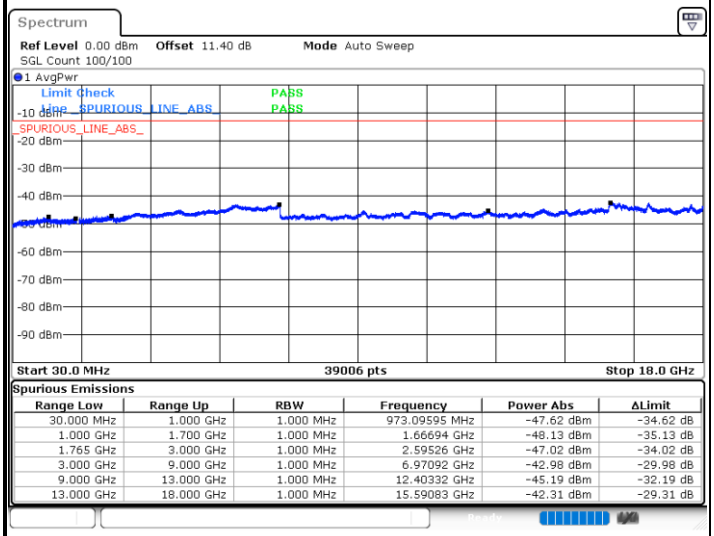


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-47.75 dBm	-34.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-48.17 dBm	-35.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97346 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98242 GHz	-43.02 dBm	-30.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.41607 GHz	-44.99 dBm	-31.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59541 GHz	-42.04 dBm	-29.04 dB

Date: 13.JAN.2020 13:29:12

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-47.62 dBm	-34.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66694 GHz	-48.13 dBm	-35.13 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.59526 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97092 GHz	-42.98 dBm	-29.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40332 GHz	-45.19 dBm	-32.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.59083 GHz	-42.31 dBm	-29.31 dB

Date: 13.JAN.2020 13:32:22

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	0.0003	PASS
40	Normal Voltage	0.0062	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0049	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0054	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0011	

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.

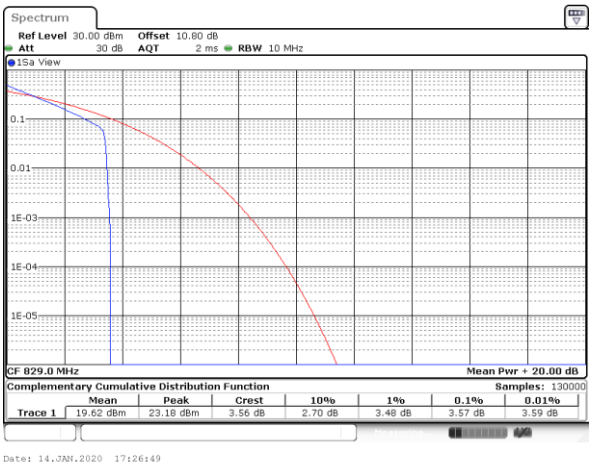
LTE Band 5

Peak-to-Average Ratio

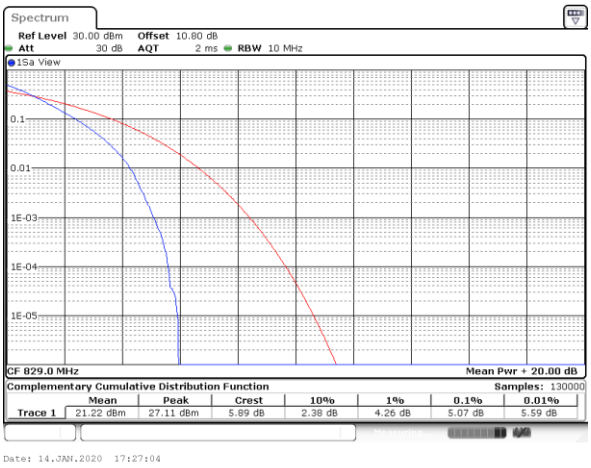
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.57	5.07	5.51	5.94	PASS
Middle CH	3.48	4.99	5.04	5.94	
Highest CH	3.62	5.04	5.25	5.88	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.29	6.49	-	-	PASS
Middle CH	7.04	6.35	-	-	
Highest CH	6.61	6.26	-	-	

LTE Band 5 / 10MHz / QPSK

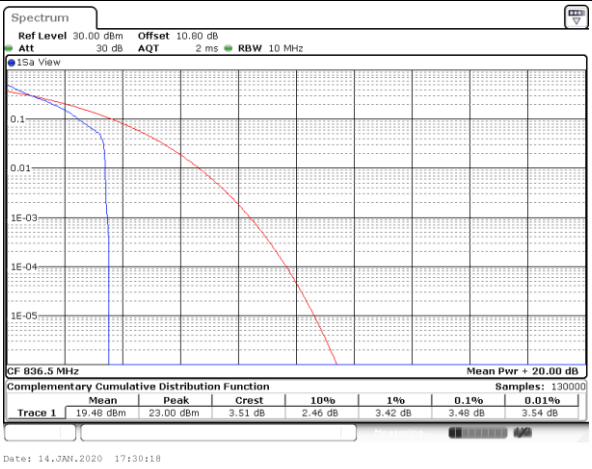
Lowest Channel / 1RB



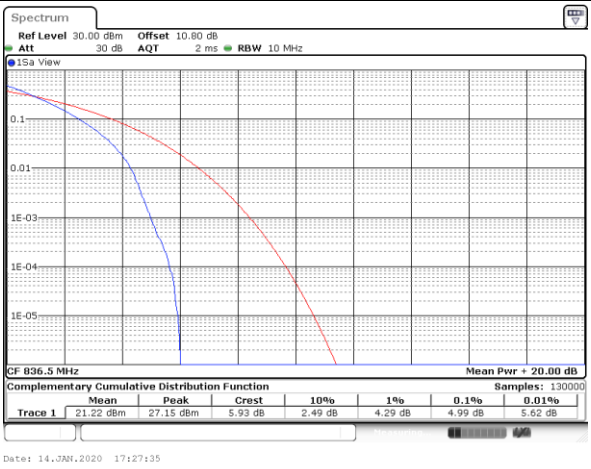
Lowest Channel / Full RB



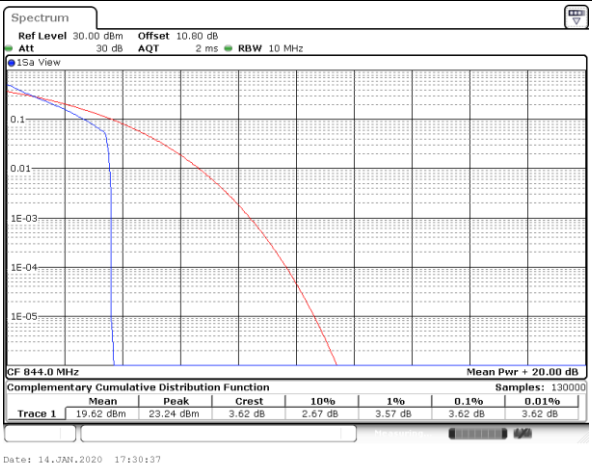
Middle Channel / 1RB



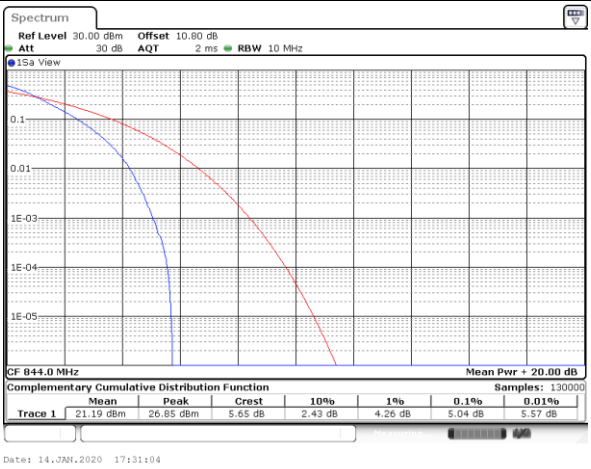
Middle Channel / Full RB



Highest Channel / 1RB

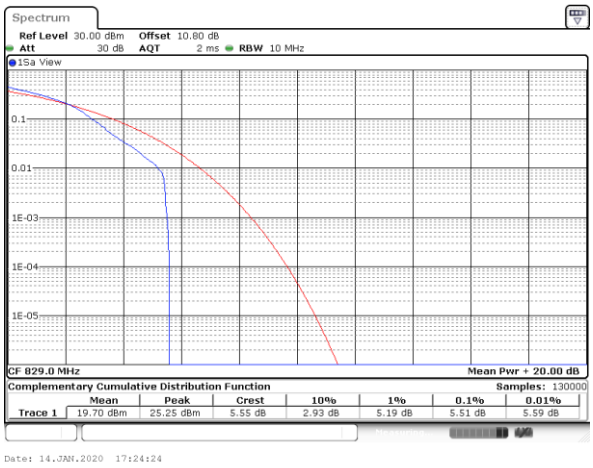


Highest Channel / Full RB

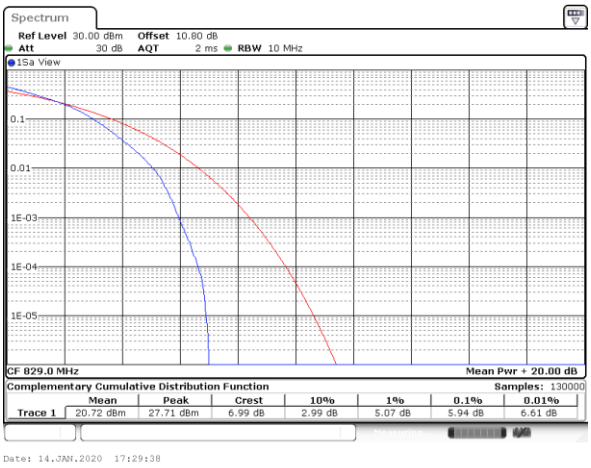


LTE Band 5 / 10MHz / 16QAM

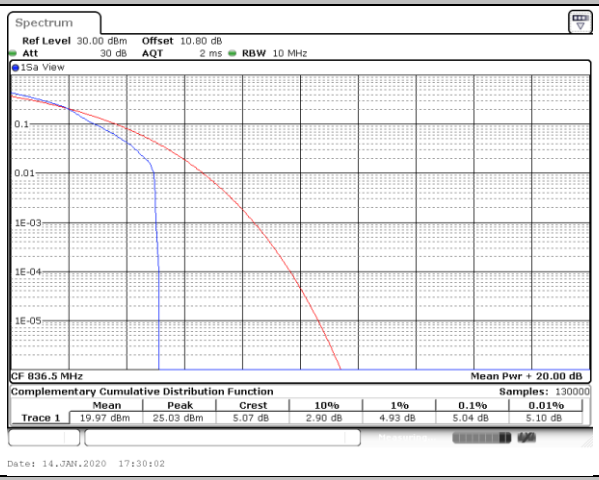
Lowest Channel / 1RB



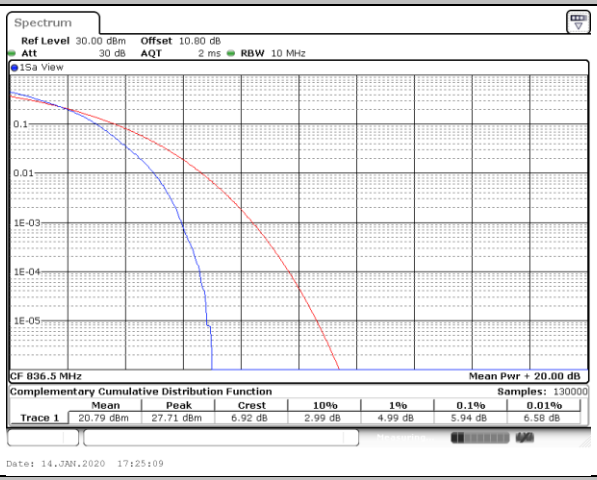
Lowest Channel / Full RB



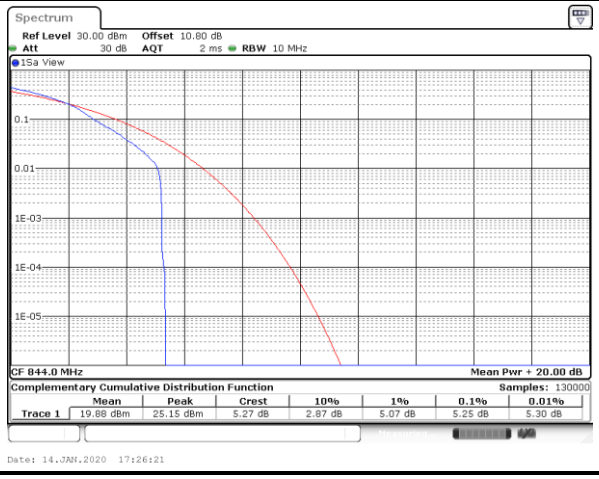
Middle Channel / 1RB



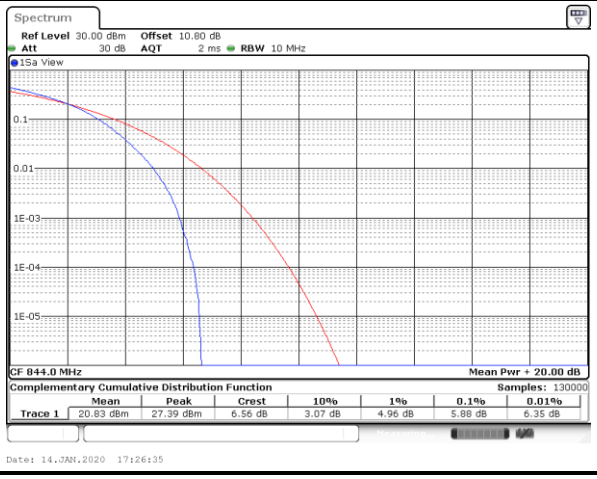
Middle Channel / Full RB



Highest Channel / 1RB

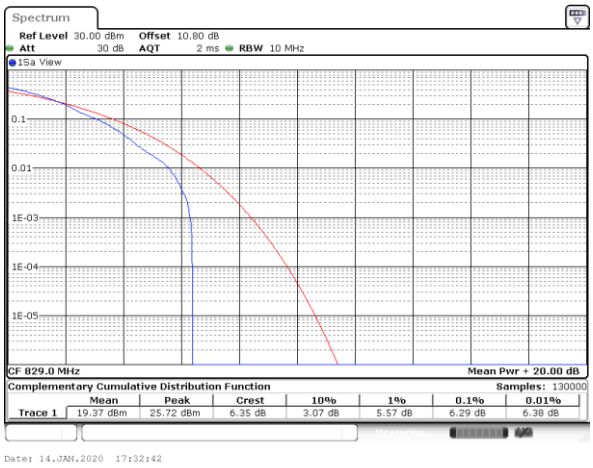


Highest Channel / Full RB

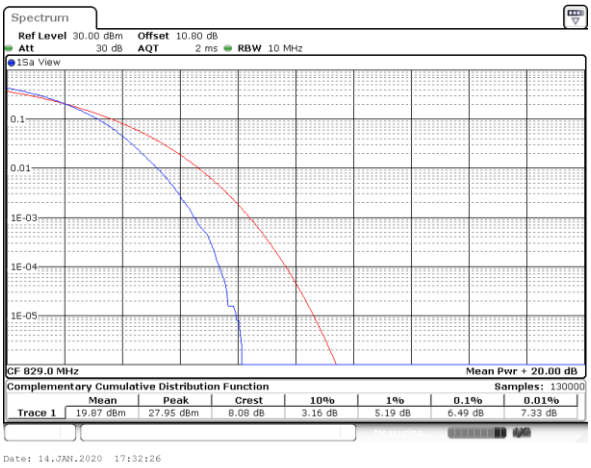


LTE Band 5 / 10MHz / 64QAM

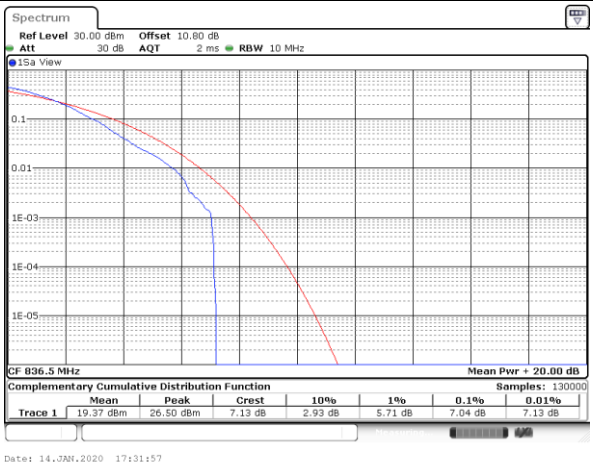
Lowest Channel / 1RB



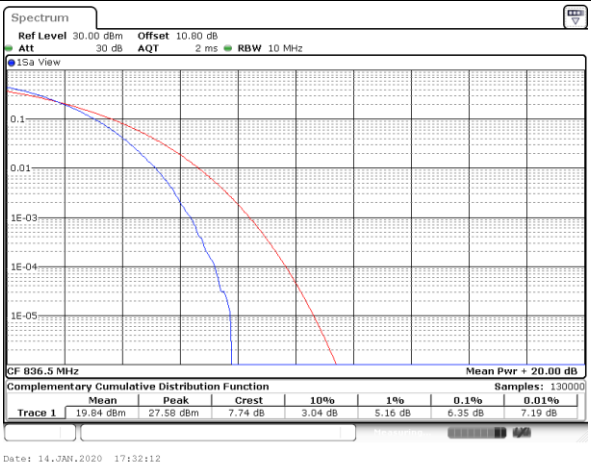
Lowest Channel / Full RB



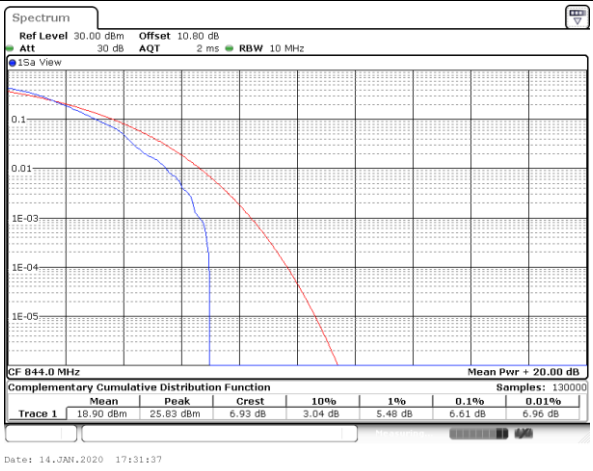
Middle Channel / 1RB



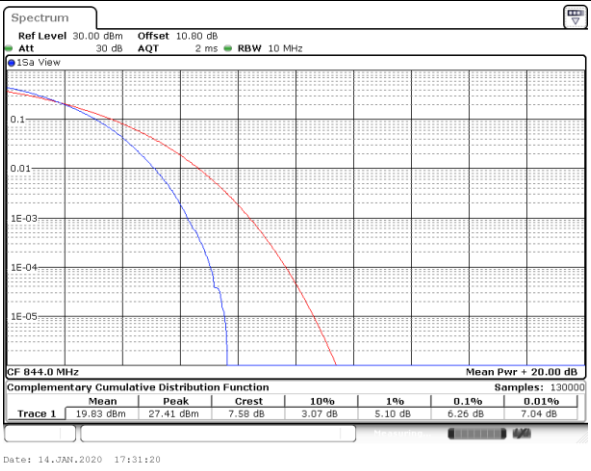
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

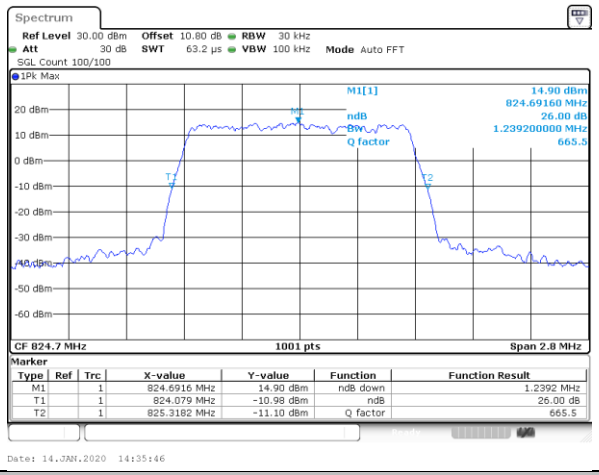


26dB Bandwidth

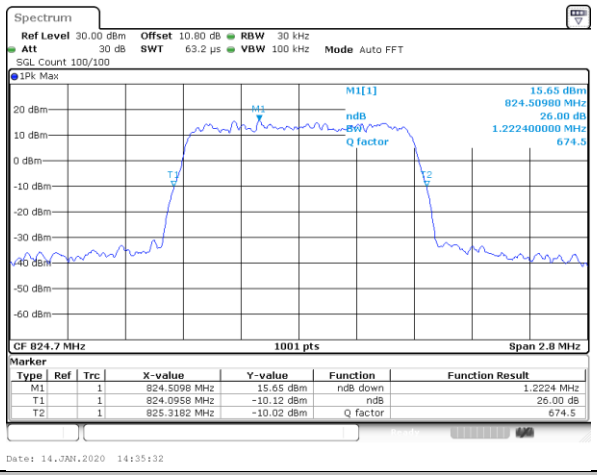
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.22	2.99	3.07	4.87	4.88	9.67	9.93	-	-	-	-
Middle CH	1.23	1.24	3.05	3.06	4.91	4.92	9.71	9.81	-	-	-	-
Highest CH	1.22	1.22	3.03	3.05	4.90	4.90	9.79	9.63	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3.01	-	4.91	-	9.79	-	-	-	-	-
Middle CH	1.22	-	3.02	-	4.96	-	9.87	-	-	-	-	-
Highest CH	1.23	-	3.02	-	4.88	-	9.85	-	-	-	-	-

LTE Band 5

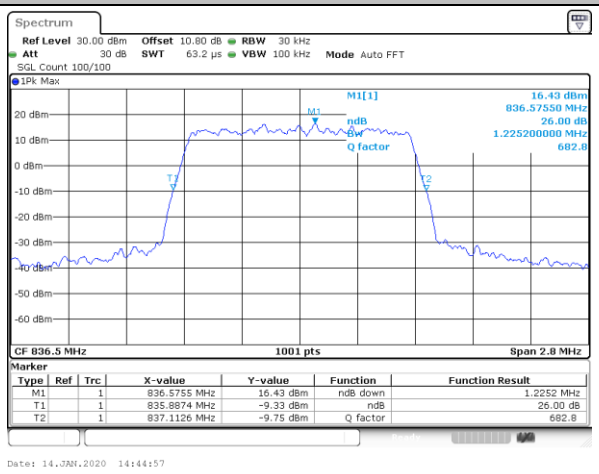
Lowest Channel / 1.4MHz / QPSK



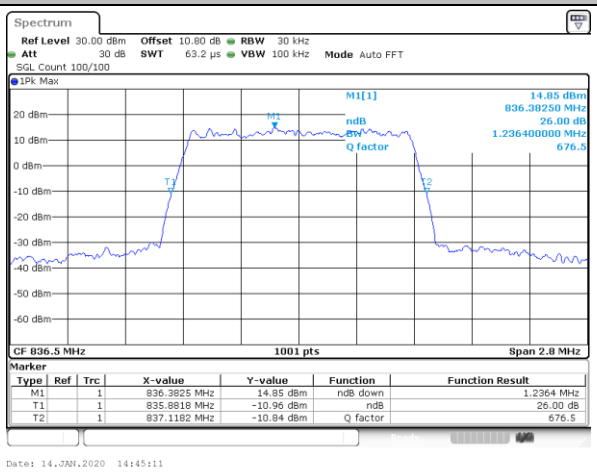
Lowest Channel / 1.4MHz / 16QAM



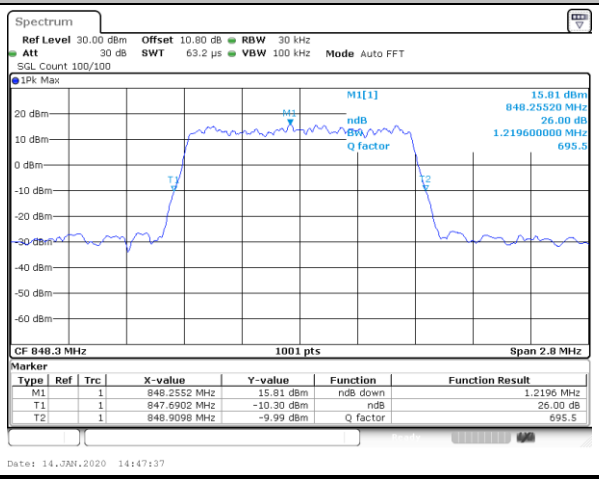
Middle Channel / 1.4MHz / QPSK



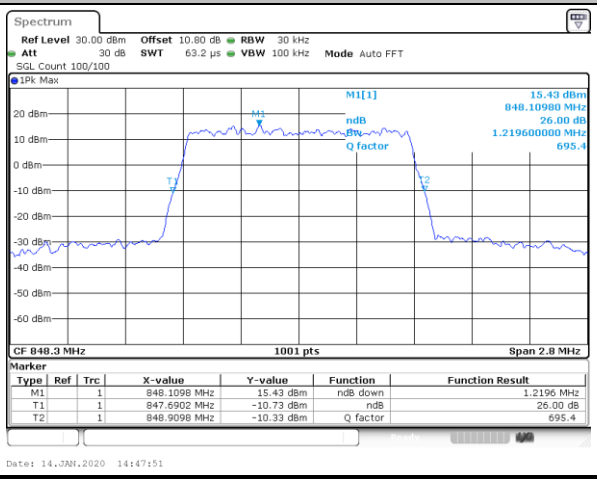
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

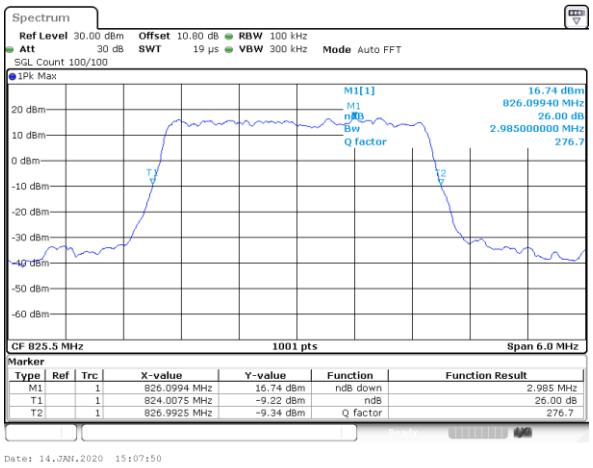


Highest Channel / 1.4MHz / 16QAM

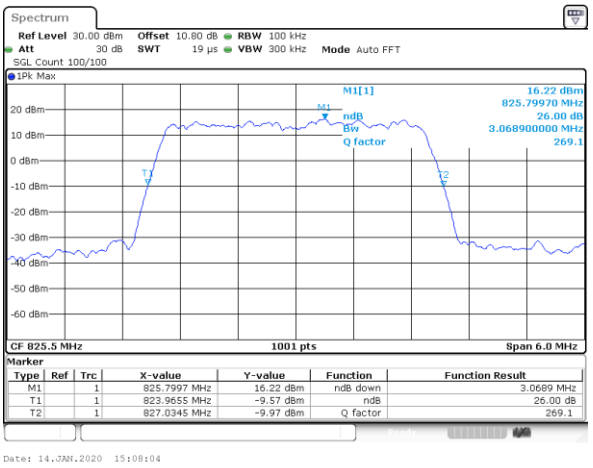


LTE Band 5

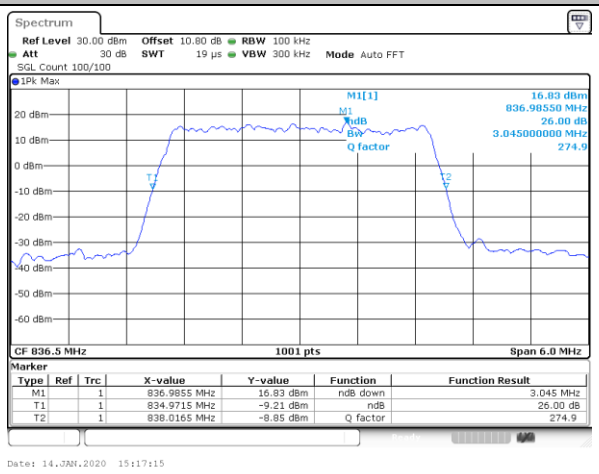
Lowest Channel / 3MHz / QPSK



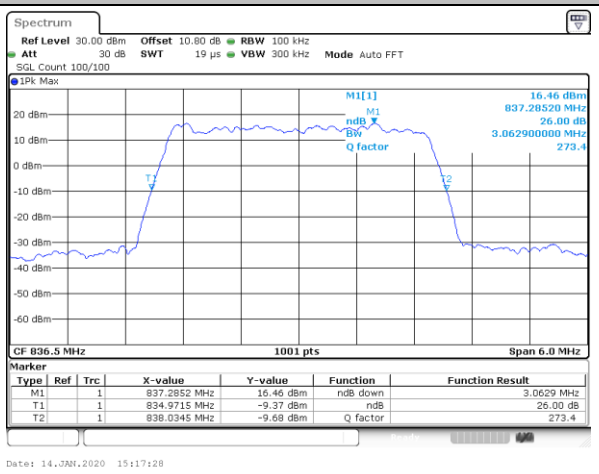
Lowest Channel / 3MHz / 16QAM



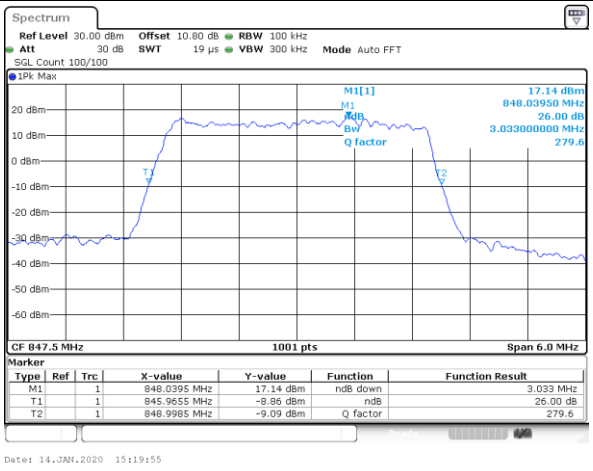
Middle Channel / 3MHz / QPSK



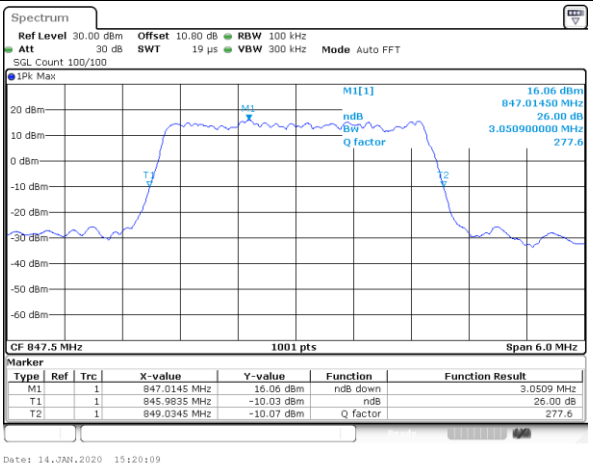
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

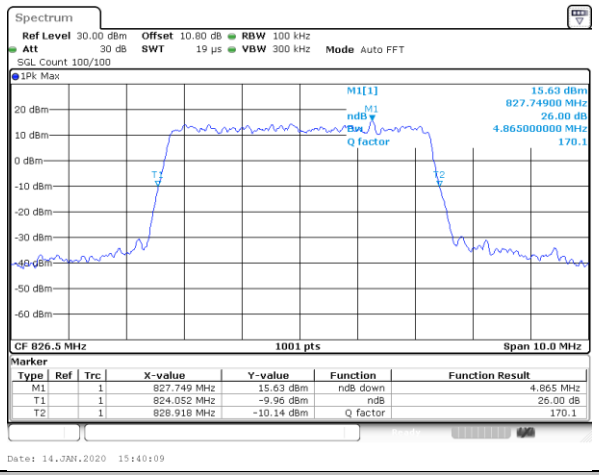


Highest Channel / 3MHz / 16QAM

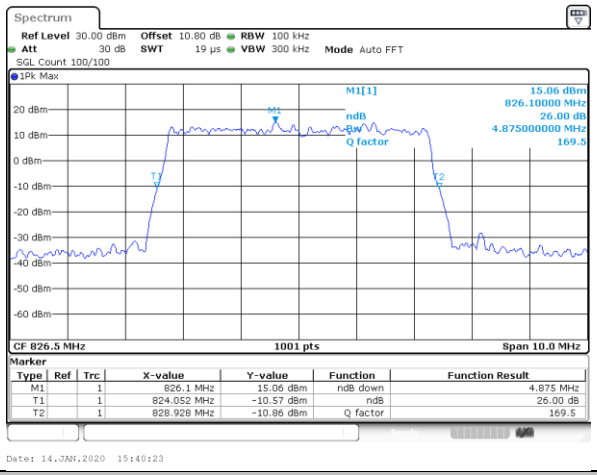


LTE Band 5

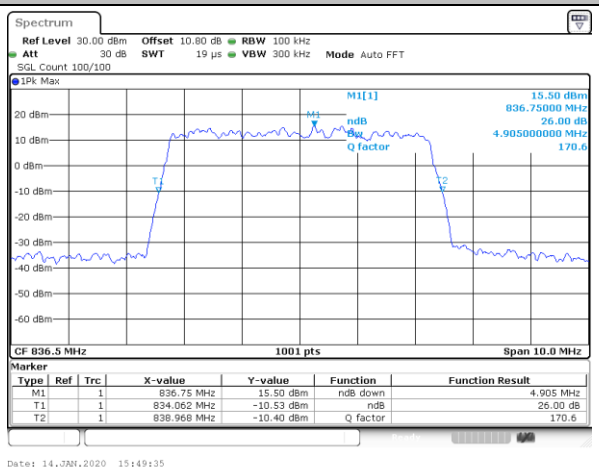
Lowest Channel / 5MHz / QPSK



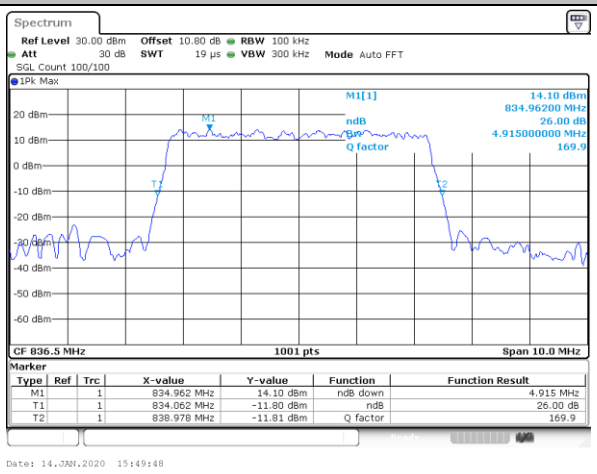
Lowest Channel / 5MHz / 16QAM



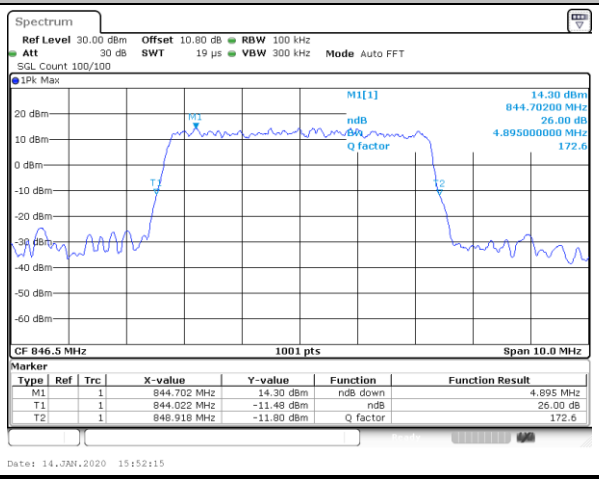
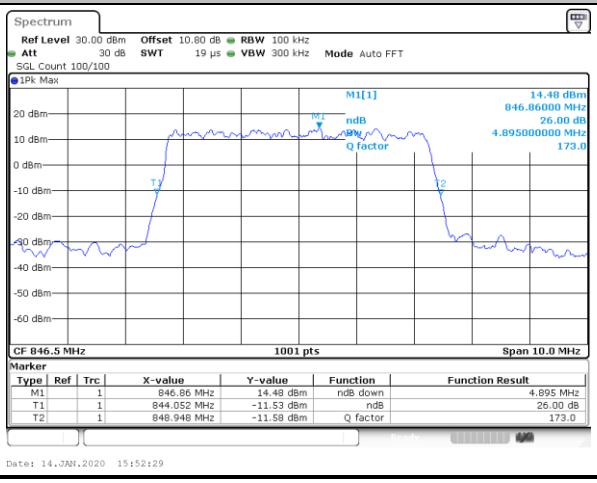
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM