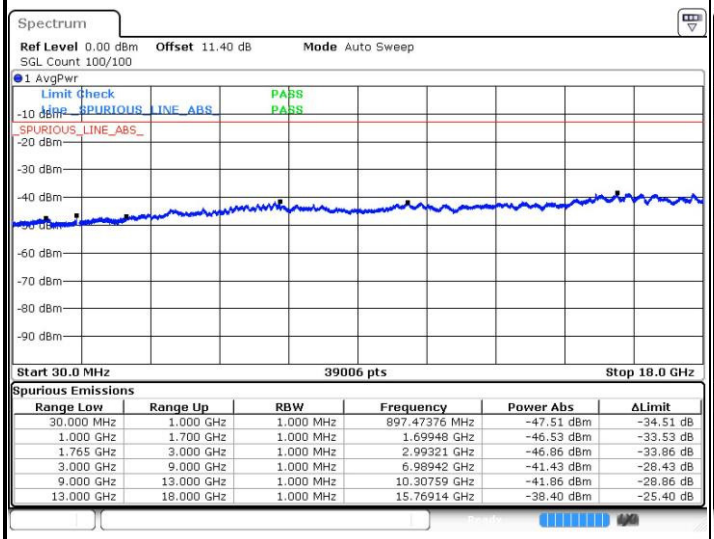
LTE Band 4 / 5MHz

Lowest Channel / QPSK

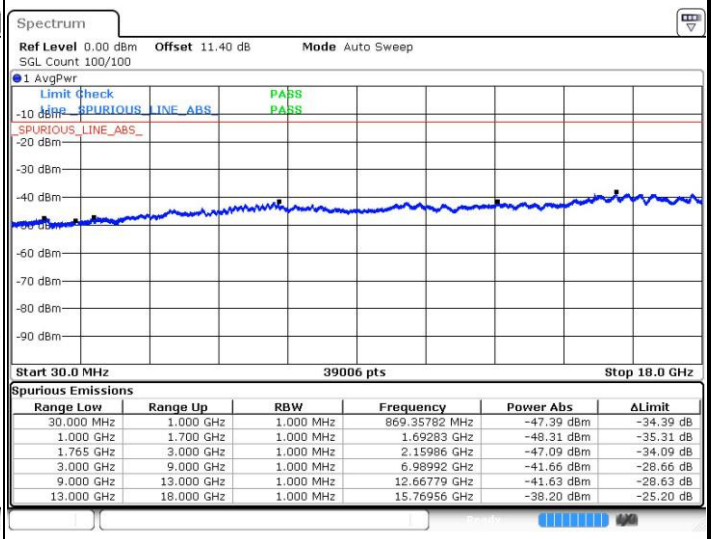


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-47.51 dBm	-34.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-46.53 dBm	-33.53 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99321 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30759 GHz	-41.86 dBm	-28.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76914 GHz	-38.40 dBm	-25.40 dB

Date: 5.APR.2017 11:14:29

Lowest Channel / 16QAM

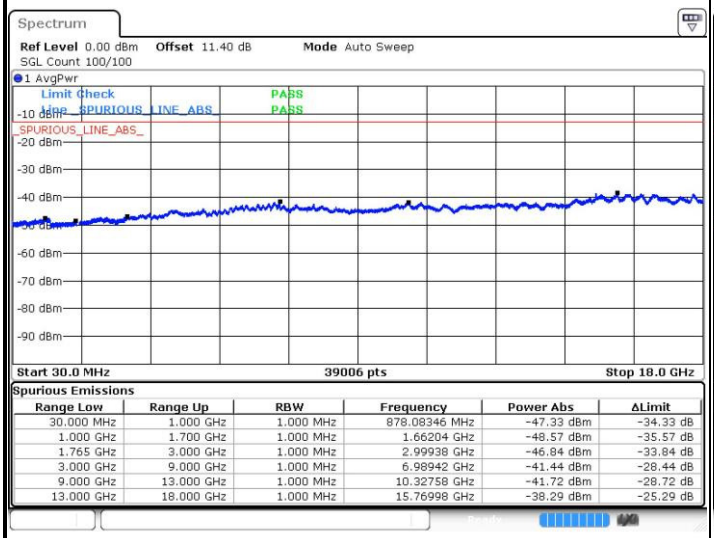


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.35782 MHz	-47.39 dBm	-34.39 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-48.31 dBm	-35.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15986 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.66 dBm	-28.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66779 GHz	-41.63 dBm	-28.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76956 GHz	-38.20 dBm	-25.20 dB

Date: 5.APR.2017 11:15:24

Middle Channel / QPSK

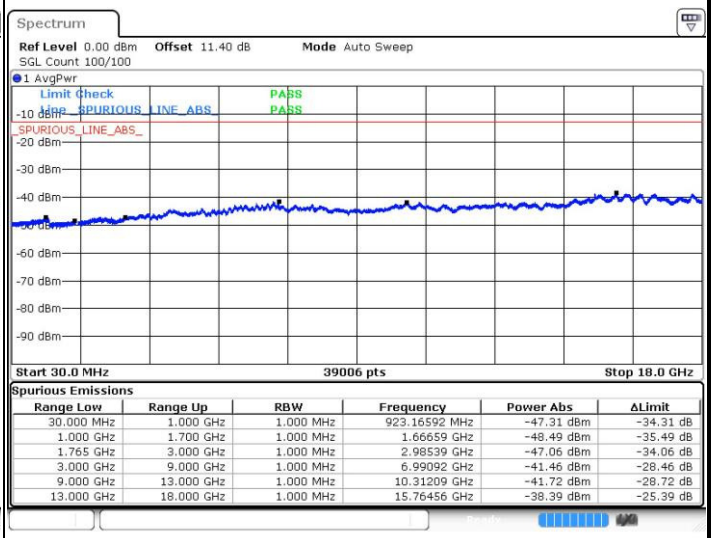


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.08346 MHz	-47.33 dBm	-34.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66204 GHz	-48.57 dBm	-35.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99938 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32758 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76998 GHz	-38.29 dBm	-25.29 dB

Date: 5.APR.2017 11:17:00

Middle Channel / 16QAM



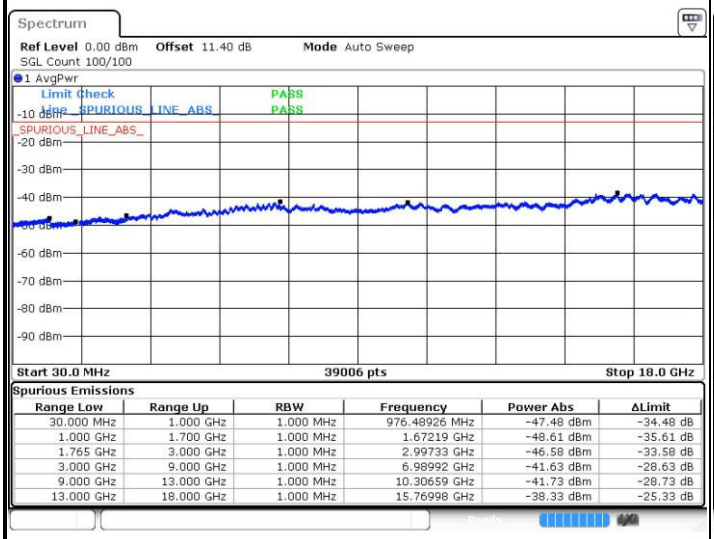
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.16592 MHz	-47.31 dBm	-34.31 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66659 GHz	-48.49 dBm	-35.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98539 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.46 dBm	-28.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31209 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76456 GHz	-38.39 dBm	-25.39 dB

Date: 5.APR.2017 11:17:54

LTE Band 4 / 5MHz

Highest Channel / QPSK

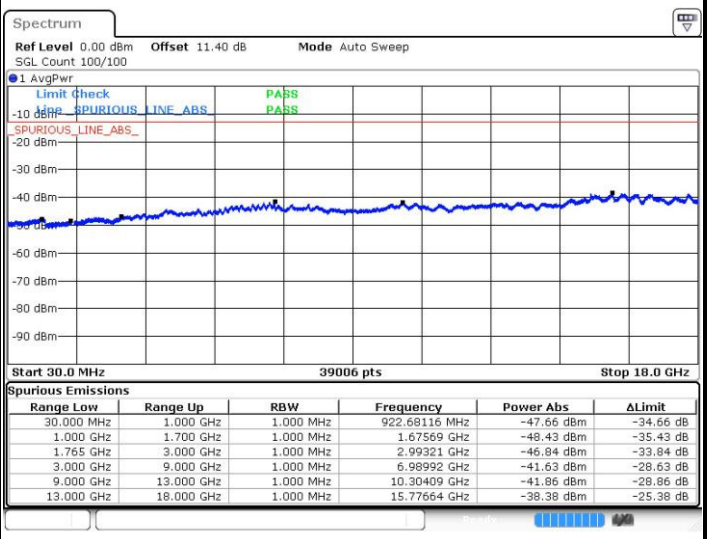


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-47.48 dBm	-34.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67219 GHz	-48.61 dBm	-35.61 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99733 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-41.73 dBm	-28.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76998 GHz	-38.33 dBm	-25.33 dB

Date: 5.APR.2017 11:24:07

Highest Channel / 16QAM



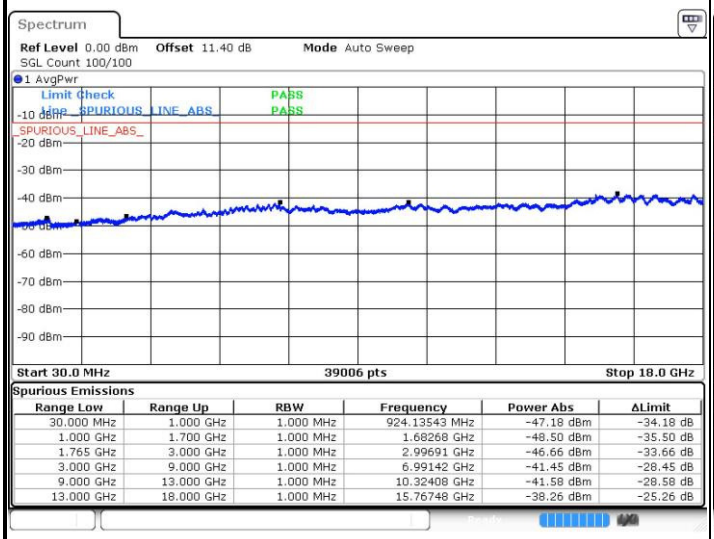
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-47.66 dBm	-34.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67569 GHz	-48.43 dBm	-35.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99321 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30409 GHz	-41.86 dBm	-28.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77664 GHz	-38.38 dBm	-25.38 dB

Date: 5.APR.2017 11:25:01

LTE Band 4 / 10MHz

Lowest Channel / QPSK

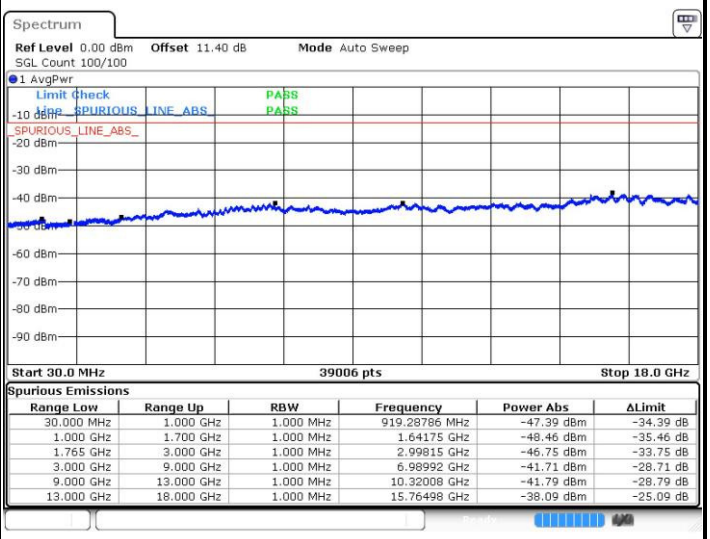


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.13543 MHz	-47.18 dBm	-34.18 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68268 GHz	-48.50 dBm	-35.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99691 GHz	-46.66 dBm	-33.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.45 dBm	-28.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32408 GHz	-41.58 dBm	-28.58 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76748 GHz	-38.26 dBm	-25.26 dB

Date: 5.APR.2017 11:31:13

Lowest Channel / 16QAM



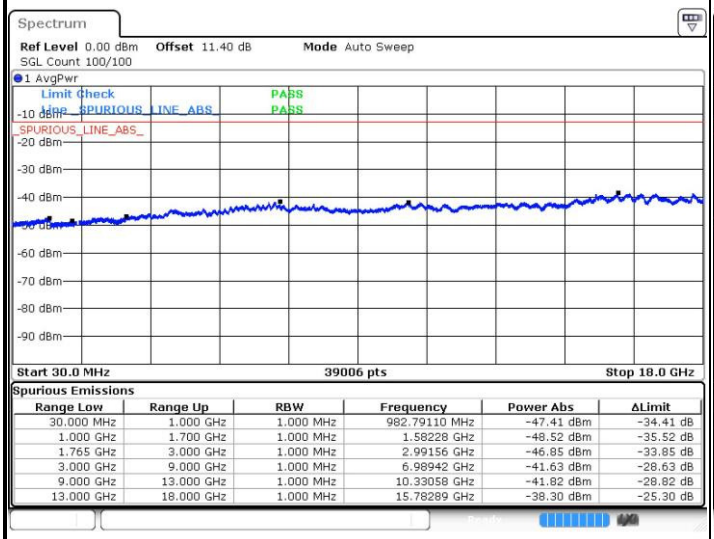
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-47.39 dBm	-34.39 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64175 GHz	-48.46 dBm	-35.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99815 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.71 dBm	-28.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32008 GHz	-41.79 dBm	-28.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76498 GHz	-38.09 dBm	-25.09 dB

Date: 5.APR.2017 11:32:08

LTE Band 4 / 10MHz

Middle Channel / QPSK

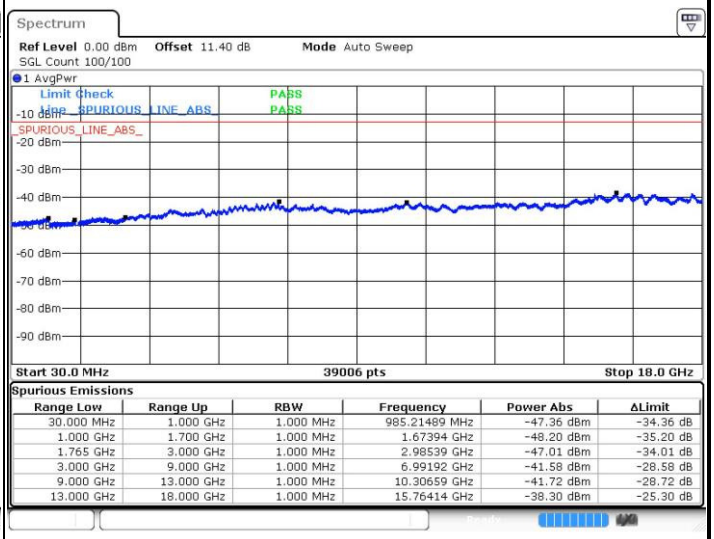


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-47.41 dBm	-34.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58228 GHz	-48.52 dBm	-35.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99156 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33058 GHz	-41.82 dBm	-28.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.78289 GHz	-38.30 dBm	-25.30 dB

Date: 5.APR.2017 11:33:44

Middle Channel / 16QAM

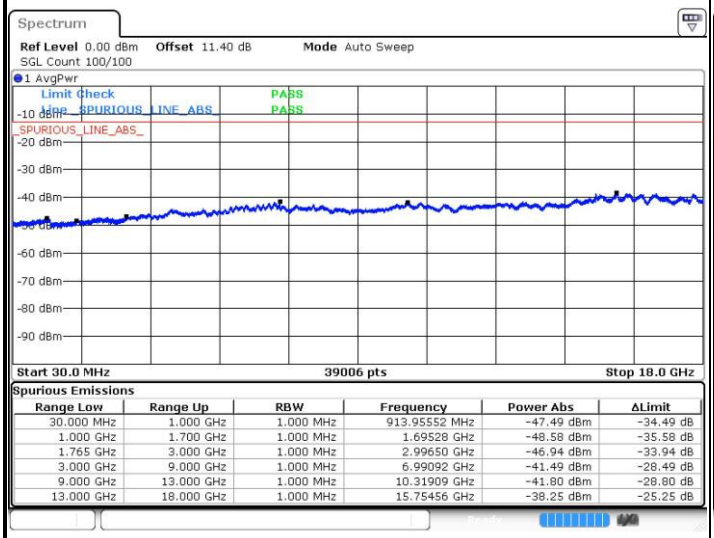


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-47.36 dBm	-34.36 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67394 GHz	-48.20 dBm	-35.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98539 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76414 GHz	-38.30 dBm	-25.30 dB

Date: 5.APR.2017 11:34:38

Highest Channel / QPSK

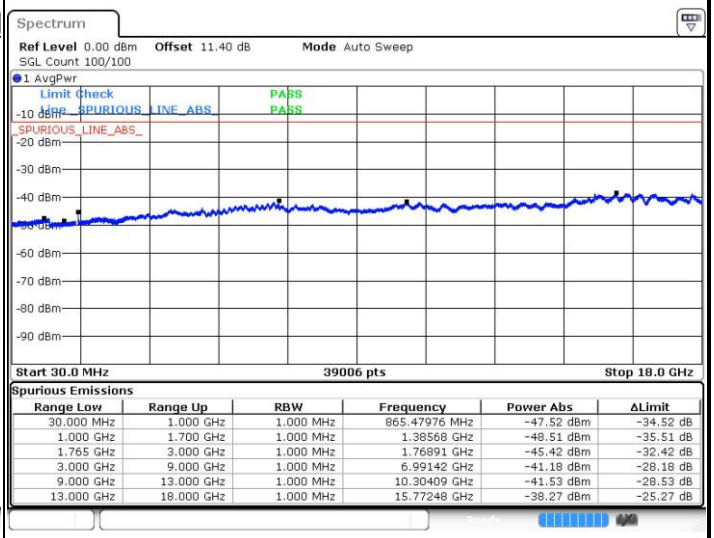


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.95552 MHz	-47.49 dBm	-34.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69528 GHz	-48.58 dBm	-35.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99650 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31909 GHz	-41.80 dBm	-28.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75456 GHz	-38.25 dBm	-25.25 dB

Date: 5.APR.2017 11:40:51

Highest Channel / 16QAM



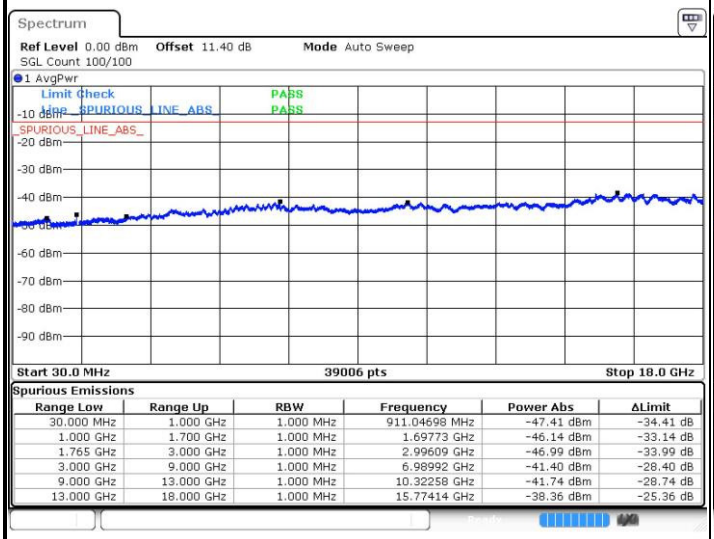
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.47976 MHz	-47.52 dBm	-34.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.38568 GHz	-48.51 dBm	-35.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76891 GHz	-45.42 dBm	-32.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.18 dBm	-28.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30409 GHz	-41.53 dBm	-28.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77248 GHz	-38.27 dBm	-25.27 dB

Date: 5.APR.2017 11:41:45

LTE Band 4 / 15MHz

Lowest Channel / QPSK

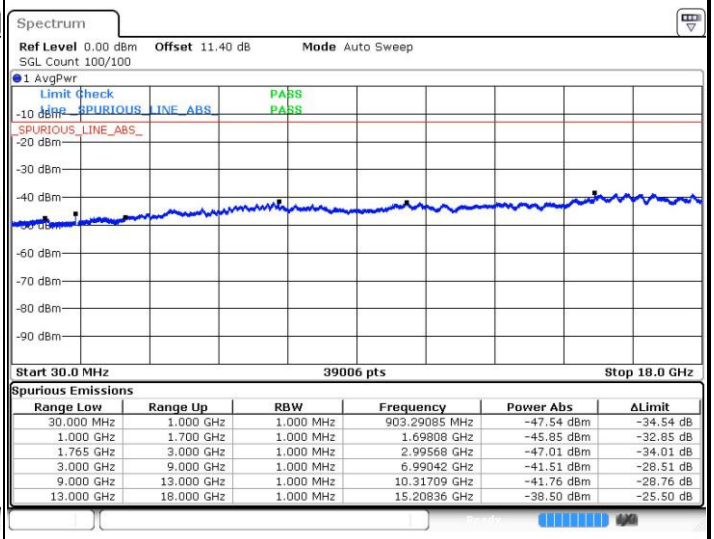


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-47.41 dBm	-34.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-46.14 dBm	-33.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99609 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.40 dBm	-28.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32258 GHz	-41.74 dBm	-28.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77414 GHz	-38.36 dBm	-25.36 dB

Date: 5.APR.2017 11:47:58

Lowest Channel / 16QAM

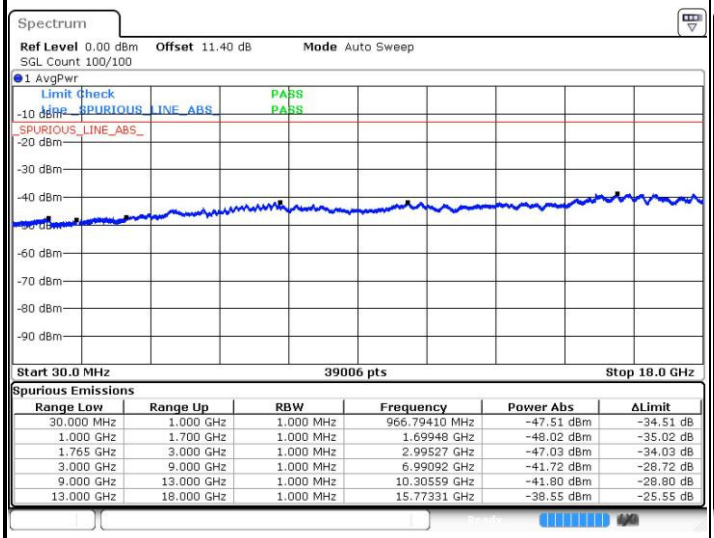


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-47.54 dBm	-34.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-45.85 dBm	-32.85 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99568 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.51 dBm	-28.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31709 GHz	-41.76 dBm	-28.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.20836 GHz	-38.50 dBm	-25.50 dB

Date: 5.APR.2017 11:48:52

Middle Channel / QPSK

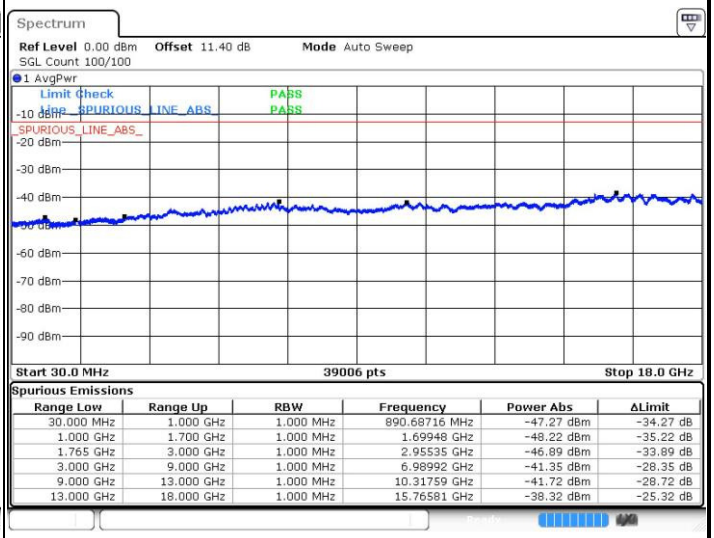


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-47.51 dBm	-34.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-48.02 dBm	-35.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99527 GHz	-47.03 dBm	-34.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.72 dBm	-28.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30559 GHz	-41.80 dBm	-28.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77331 GHz	-38.55 dBm	-25.55 dB

Date: 5.APR.2017 11:50:28

Middle Channel / 16QAM



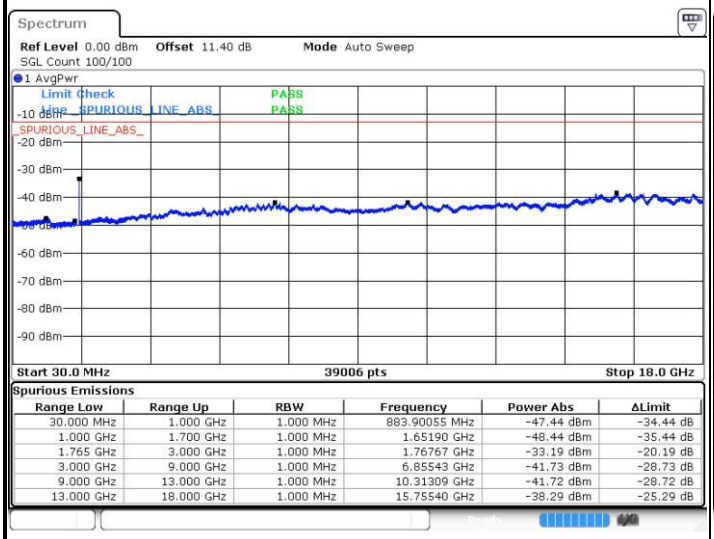
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-47.27 dBm	-34.27 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-48.22 dBm	-35.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95535 GHz	-46.89 dBm	-33.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.35 dBm	-28.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31759 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76581 GHz	-38.32 dBm	-25.32 dB

Date: 5.APR.2017 11:51:22

LTE Band 4 / 15MHz

Highest Channel / QPSK

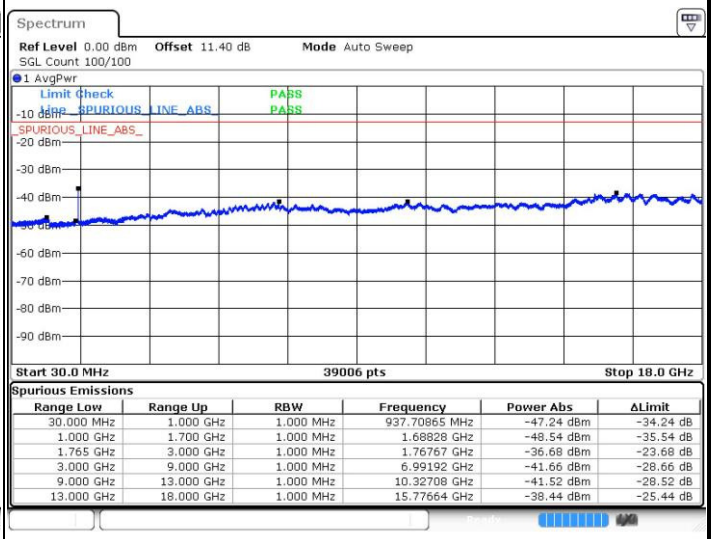


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.90055 MHz	-47.44 dBm	-34.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65190 GHz	-48.44 dBm	-35.44 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-33.19 dBm	-20.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85543 GHz	-41.73 dBm	-28.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31309 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75540 GHz	-38.29 dBm	-25.29 dB

Date: 5.APR.2017 11:57:35

Highest Channel / 16QAM



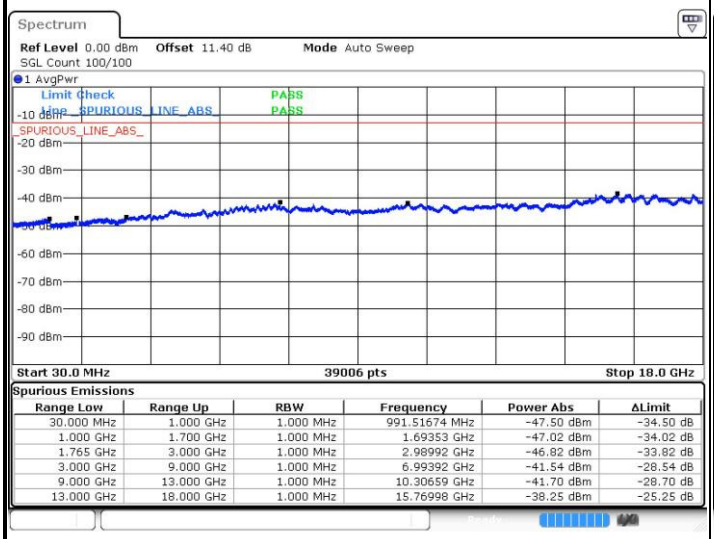
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-47.24 dBm	-34.24 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-48.54 dBm	-35.54 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-36.68 dBm	-23.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.66 dBm	-28.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32708 GHz	-41.52 dBm	-28.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77664 GHz	-38.44 dBm	-25.44 dB

Date: 5.APR.2017 11:58:29

LTE Band 4 / 20MHz

Lowest Channel / QPSK

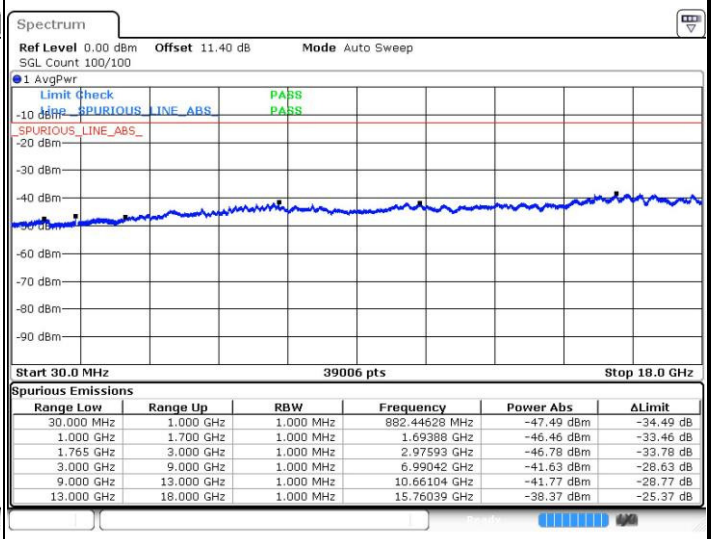


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-47.50 dBm	-34.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-47.02 dBm	-34.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98992 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.54 dBm	-28.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-41.70 dBm	-28.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76998 GHz	-38.25 dBm	-25.25 dB

Date: 5.APR.2017 12:04:42

Lowest Channel / 16QAM



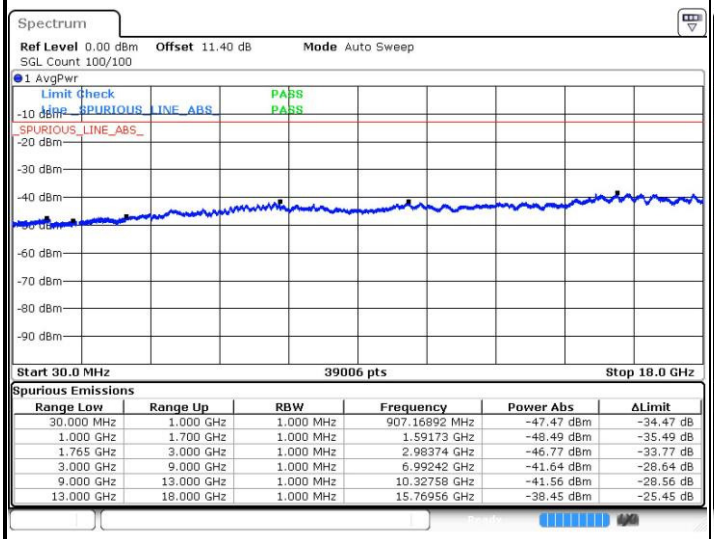
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.44628 MHz	-47.49 dBm	-34.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69388 GHz	-46.46 dBm	-33.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97593 GHz	-46.78 dBm	-33.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66104 GHz	-41.77 dBm	-28.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76039 GHz	-38.37 dBm	-25.37 dB

Date: 5.APR.2017 12:05:36

LTE Band 4 / 20MHz

Middle Channel / QPSK

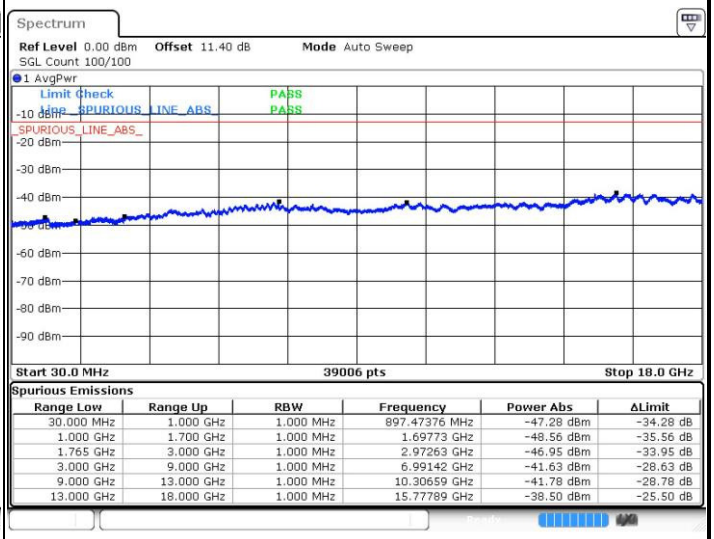


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-47.47 dBm	-34.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59173 GHz	-48.49 dBm	-35.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98374 GHz	-46.77 dBm	-33.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32758 GHz	-41.56 dBm	-28.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76956 GHz	-38.45 dBm	-25.45 dB

Date: 5.APR.2017 12:07:12

Middle Channel / 16QAM

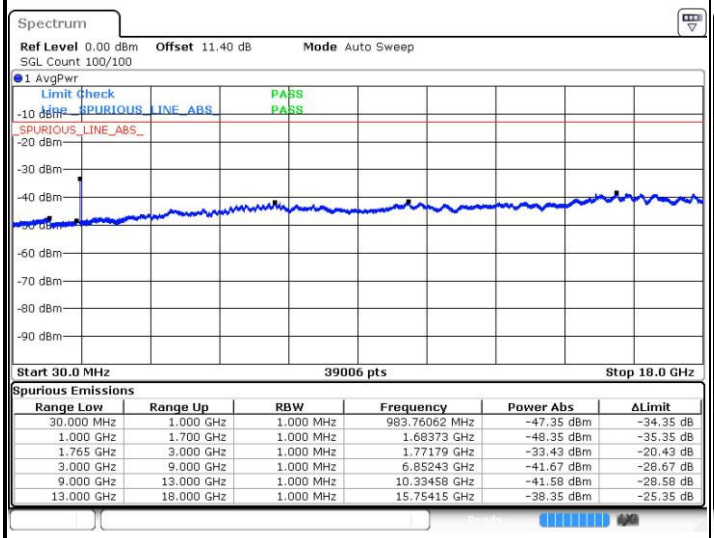


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-47.28 dBm	-34.28 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-48.56 dBm	-35.56 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97263 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-41.78 dBm	-28.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77789 GHz	-38.50 dBm	-25.50 dB

Date: 5.APR.2017 12:08:07

Highest Channel / QPSK

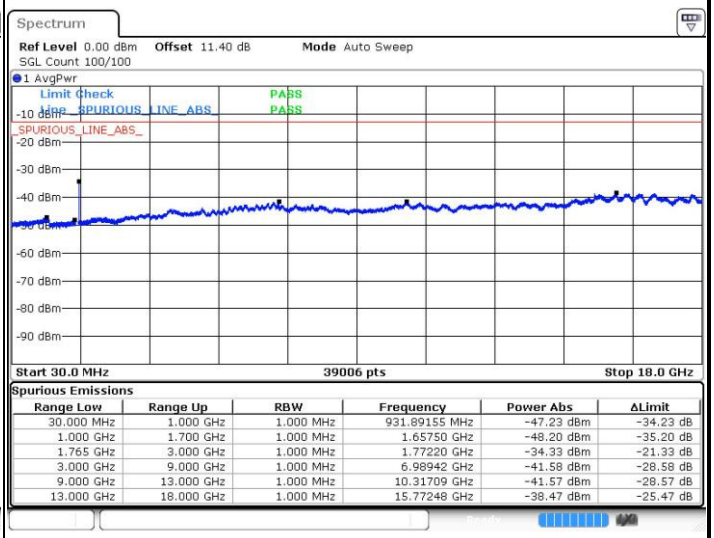


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-47.35 dBm	-34.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68373 GHz	-48.35 dBm	-35.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-33.43 dBm	-20.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85243 GHz	-41.67 dBm	-28.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33458 GHz	-41.58 dBm	-28.58 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75415 GHz	-38.35 dBm	-25.35 dB

Date: 5.APR.2017 12:14:19

Highest Channel / 16QAM



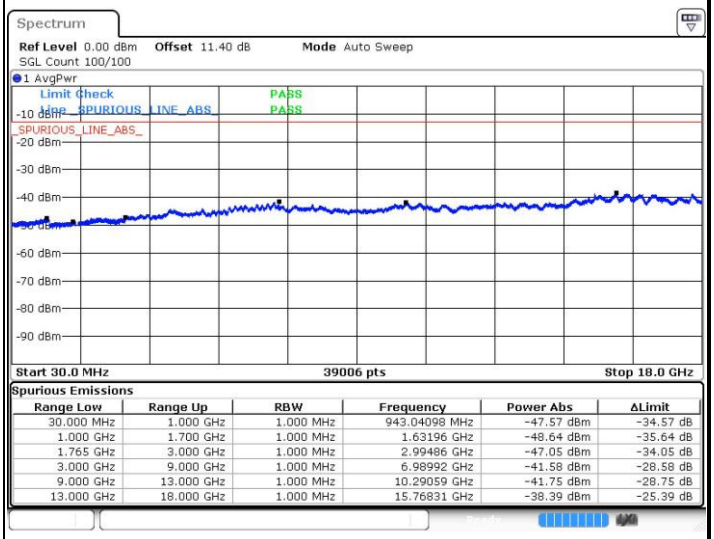
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65750 GHz	-48.20 dBm	-35.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-34.33 dBm	-21.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31709 GHz	-41.57 dBm	-28.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77248 GHz	-38.47 dBm	-25.47 dB

Date: 5.APR.2017 12:15:13

LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

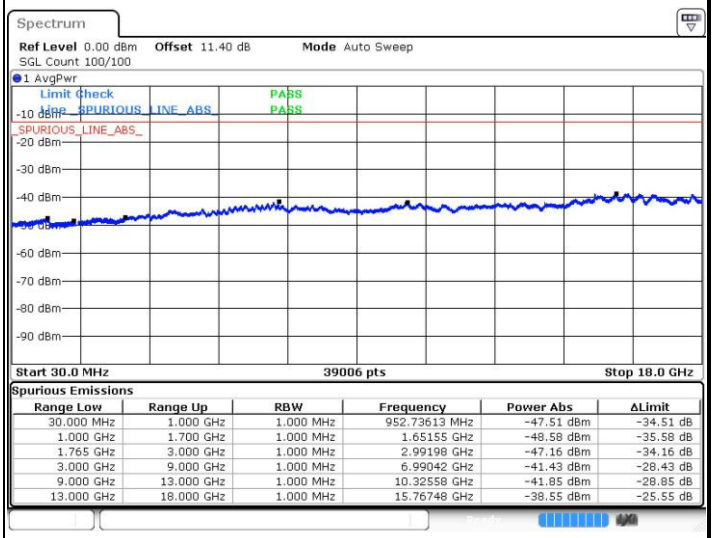


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-47.57 dBm	-34.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63196 GHz	-48.64 dBm	-35.64 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99486 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29059 GHz	-41.75 dBm	-28.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76831 GHz	-38.39 dBm	-25.39 dB

Date: 27.APR.2017 12:13:15

Middle Channel / 64QAM



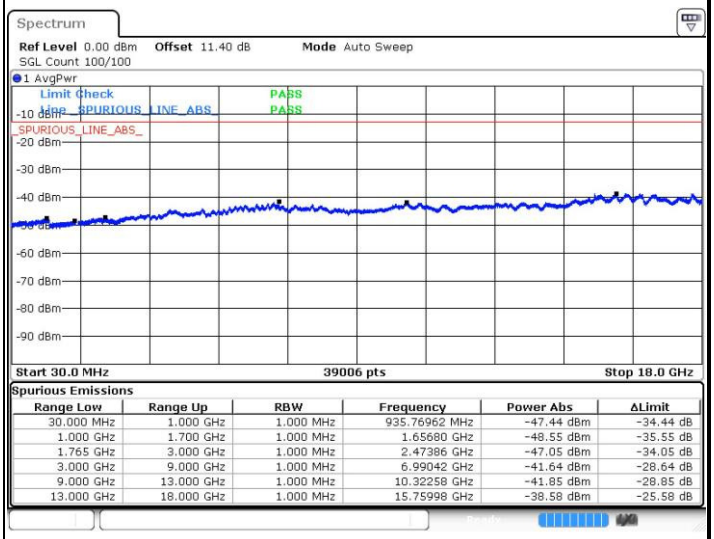
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-47.51 dBm	-34.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65155 GHz	-48.58 dBm	-35.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99198 GHz	-47.16 dBm	-34.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32558 GHz	-41.85 dBm	-28.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76748 GHz	-38.55 dBm	-25.55 dB

Date: 27.APR.2017 12:14:30

LTE Band 4 / 1.4MHz

Highest Channel / 64QAM



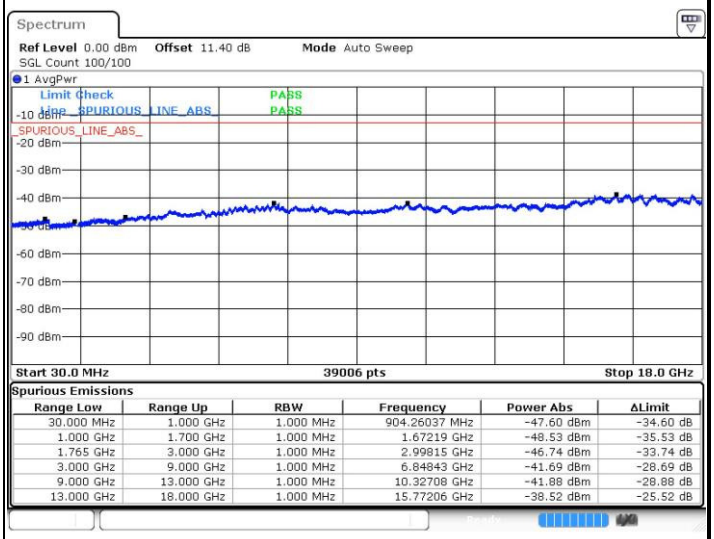
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.76962 MHz	-47.44 dBm	-34.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65680 GHz	-48.55 dBm	-35.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.47386 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32258 GHz	-41.85 dBm	-28.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75998 GHz	-38.58 dBm	-25.58 dB

Date: 27.APR.2017 12:18:04

LTE Band 4 / 3MHz

Lowest Channel / 64QAM



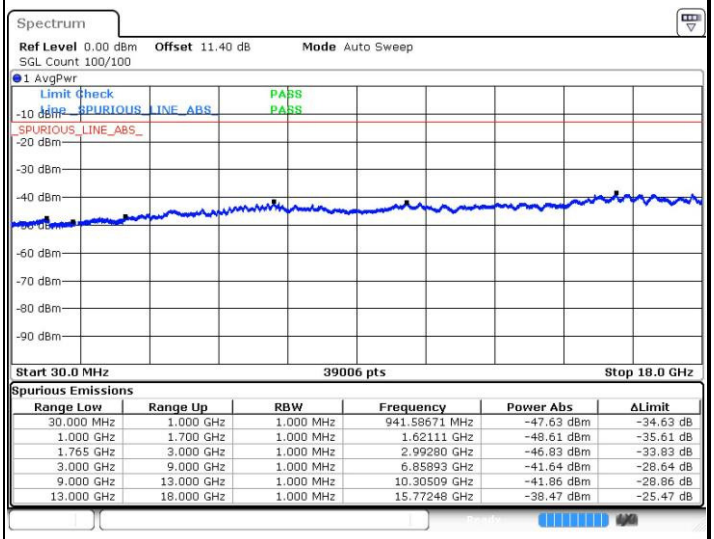
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.26037 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67219 GHz	-48.53 dBm	-35.53 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99815 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84843 GHz	-41.69 dBm	-28.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32708 GHz	-41.88 dBm	-28.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77206 GHz	-38.52 dBm	-25.52 dB

Date: 27.APR.2017 10:47:10

LTE Band 4 / 3MHz

Middle Channel / 64QAM

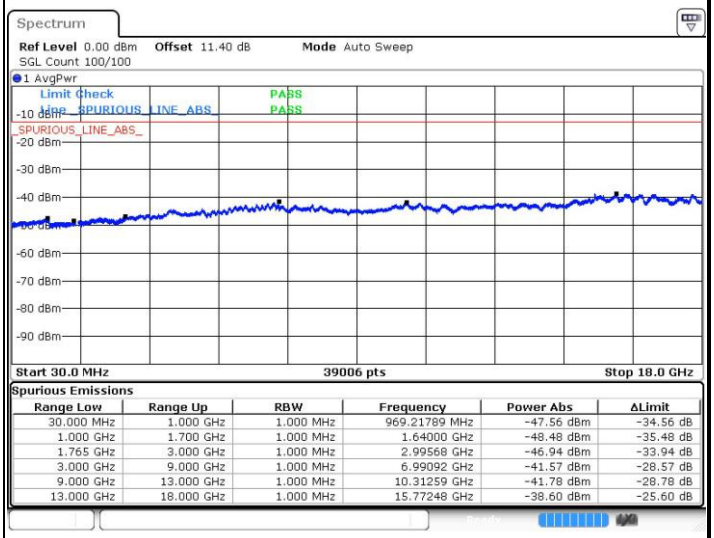


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.58671 MHz	-47.63 dBm	-34.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62111 GHz	-48.61 dBm	-35.61 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99280 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85893 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30509 GHz	-41.86 dBm	-28.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77248 GHz	-38.47 dBm	-25.47 dB

Date: 27.APR.2017 10:48:25

Highest Channel / 64QAM



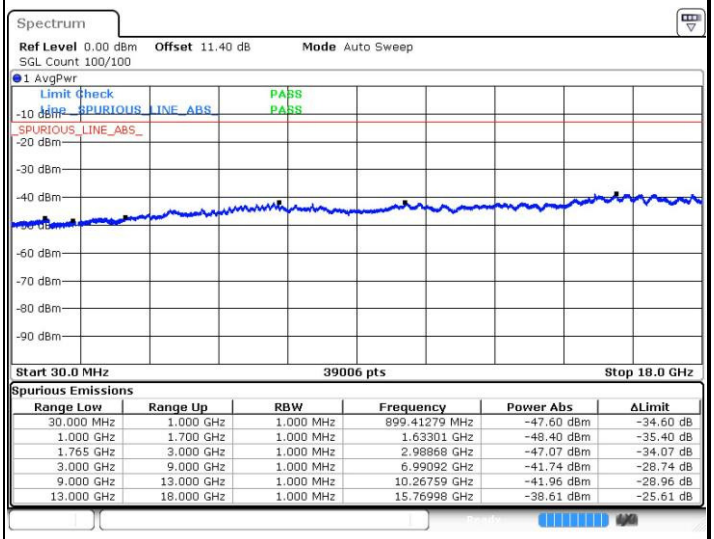
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-47.56 dBm	-34.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64000 GHz	-48.48 dBm	-35.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99568 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31259 GHz	-41.78 dBm	-28.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77248 GHz	-38.60 dBm	-25.60 dB

Date: 27.APR.2017 10:51:59

LTE Band 4 / 5MHz

Lowest Channel / 64QAM

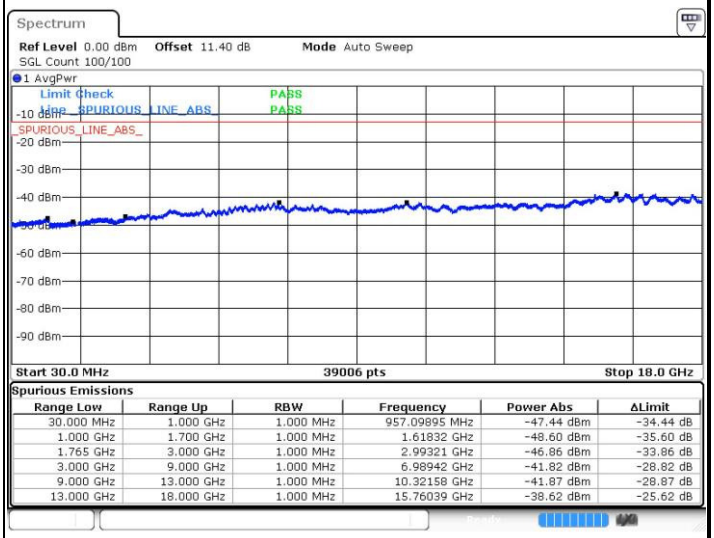


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63301 GHz	-48.40 dBm	-35.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98868 GHz	-47.07 dBm	-34.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.74 dBm	-28.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.26759 GHz	-41.96 dBm	-28.96 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76998 GHz	-38.61 dBm	-25.61 dB

Date: 27.APR.2017 10:55:32

Middle Channel / 64QAM



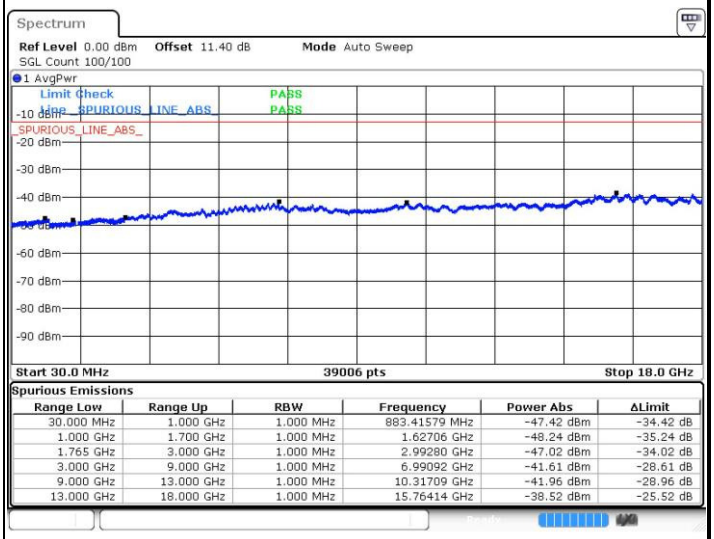
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.09895 MHz	-47.44 dBm	-34.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61832 GHz	-48.60 dBm	-35.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99321 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.82 dBm	-28.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32158 GHz	-41.87 dBm	-28.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76039 GHz	-38.62 dBm	-25.62 dB

Date: 27.APR.2017 10:56:47

LTE Band 4 / 5MHz

Highest Channel / 64QAM



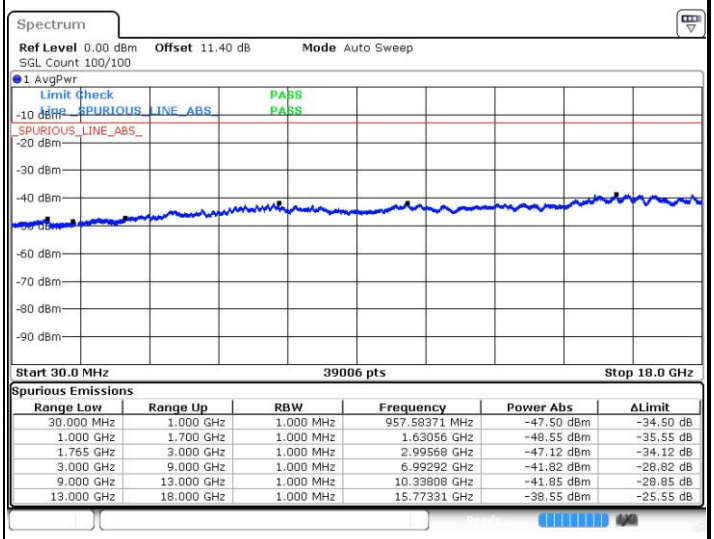
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-47.42 dBm	-34.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62706 GHz	-48.24 dBm	-35.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99280 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.61 dBm	-28.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31709 GHz	-41.96 dBm	-28.96 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76414 GHz	-38.52 dBm	-25.52 dB

Date: 27.APR.2017 11:00:20

LTE Band 4 / 10MHz

Lowest Channel / 64QAM



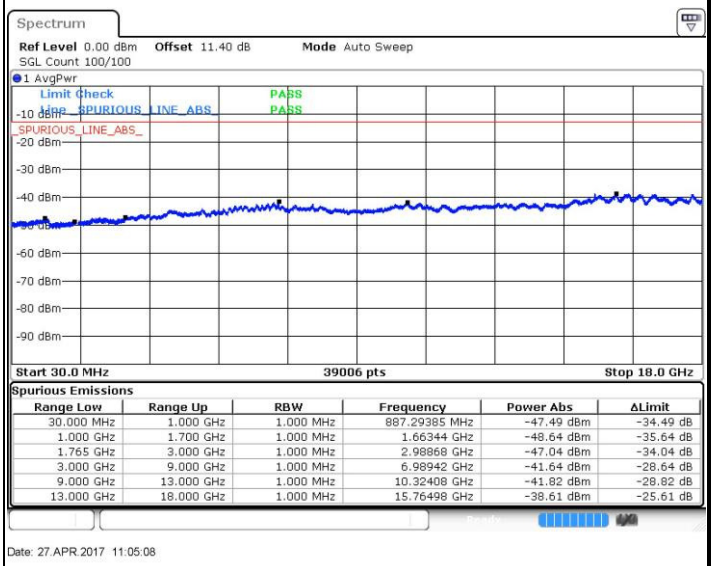
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-47.50 dBm	-34.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63056 GHz	-48.55 dBm	-35.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99568 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.82 dBm	-28.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33808 GHz	-41.85 dBm	-28.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77331 GHz	-38.55 dBm	-25.55 dB

Date: 27.APR.2017 11:03:53

LTE Band 4 / 10MHz

Middle Channel / 64QAM

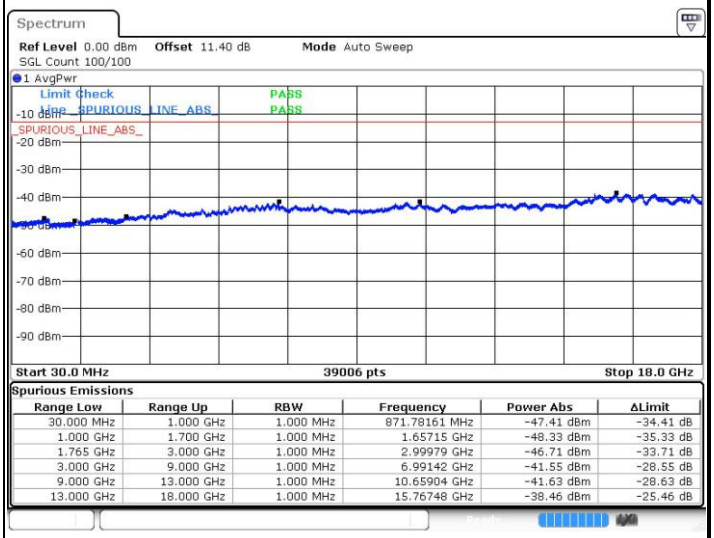


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-47.49 dBm	-34.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66344 GHz	-48.64 dBm	-35.64 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98868 GHz	-47.04 dBm	-34.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32408 GHz	-41.82 dBm	-28.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76498 GHz	-38.61 dBm	-25.61 dB

Date: 27.APR.2017 11:05:08

Highest Channel / 64QAM



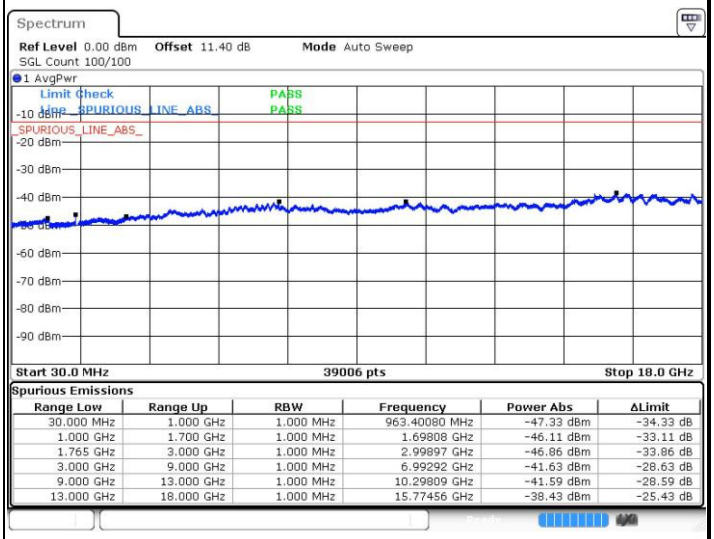
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-47.41 dBm	-34.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65715 GHz	-48.33 dBm	-35.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99979 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.55 dBm	-28.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65904 GHz	-41.63 dBm	-28.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76748 GHz	-38.46 dBm	-25.46 dB

Date: 27.APR.2017 11:08:41

LTE Band 4 / 15MHz

Lowest Channel / 64QAM

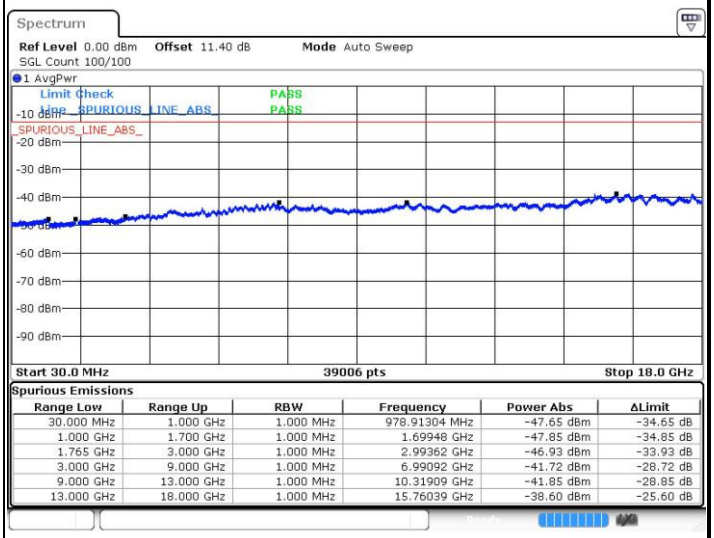


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-47.33 dBm	-34.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-46.11 dBm	-33.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99897 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29809 GHz	-41.59 dBm	-28.59 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77456 GHz	-38.43 dBm	-25.43 dB

Date: 27.APR.2017 11:12:14

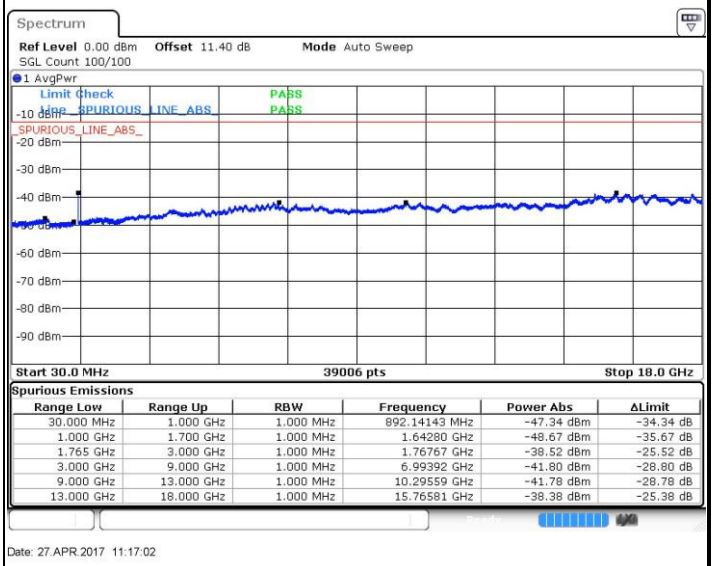
Middle Channel / 64QAM

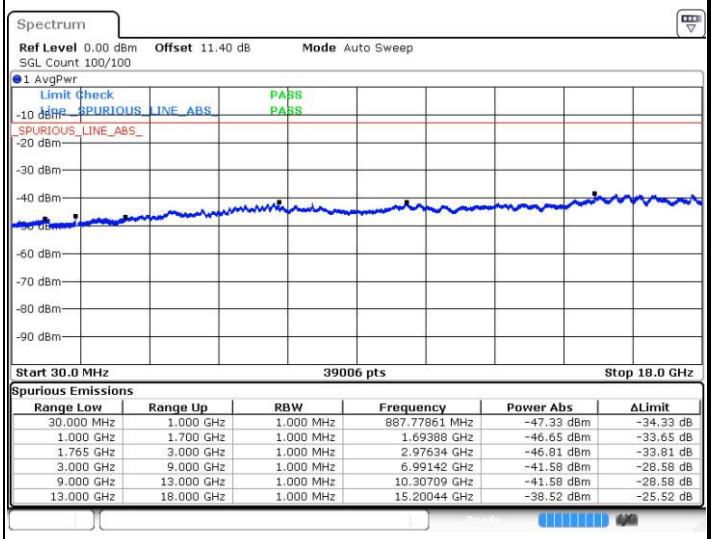


Spurious Emissions

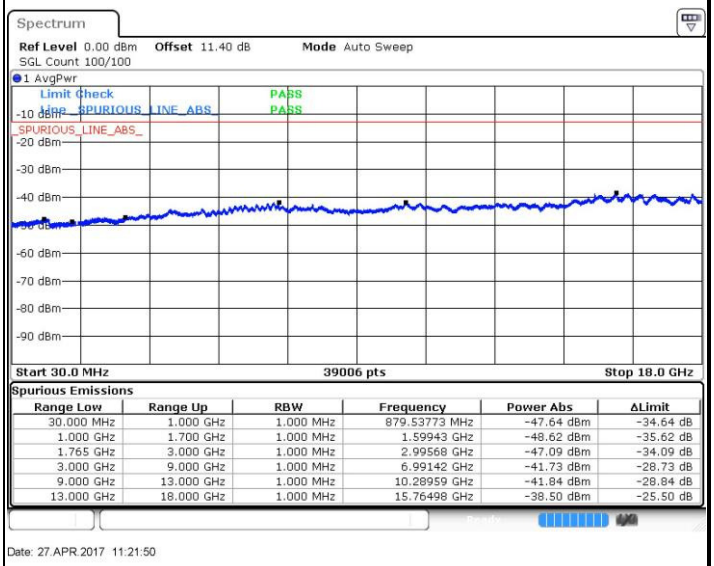
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-47.65 dBm	-34.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-47.85 dBm	-34.85 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99362 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-41.72 dBm	-28.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31909 GHz	-41.85 dBm	-28.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76039 GHz	-38.60 dBm	-25.60 dB

Date: 27.APR.2017 11:13:29

LTE Band 4 / 15MHz	
	Highest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 1.000 GHz / 1.000 MHz / 892.14143 MHz / -47.34 dBm / -34.34 dB 1.000 GHz / 1.700 GHz / 1.000 MHz / 1.64280 GHz / -48.67 dBm / -35.67 dB 1.765 GHz / 3.000 GHz / 1.000 MHz / 1.76767 GHz / -38.52 dBm / -25.52 dB 3.000 GHz / 9.000 GHz / 1.000 MHz / 6.99392 GHz / -41.80 dBm / -28.80 dB 9.000 GHz / 13.000 GHz / 1.000 MHz / 10.29559 GHz / -41.78 dBm / -28.78 dB 13.000 GHz / 18.000 GHz / 1.000 MHz / 15.76581 GHz / -38.38 dBm / -25.38 dB Date: 27.APR.2017 11:17:02

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 / 887.77861 MHz / -47.33 dBm / -34.33 dB 1.000 GHz / 1.700 GHz / 1.000 MHz / 1.69388 GHz / -46.65 dBm / -33.65 dB 1.765 GHz / 3.000 GHz / 1.000 MHz / 2.97634 GHz / -46.81 dBm / -33.81 dB 3.000 GHz / 9.000 GHz / 1.000 MHz / 6.99142 GHz / -41.58 dBm / -28.58 dB 9.000 GHz / 13.000 GHz / 1.000 MHz / 10.30709 GHz / -41.58 dBm / -28.58 dB 13.000 GHz / 18.000 GHz / 1.000 MHz / 15.20044 GHz / -38.52 dBm / -25.52 dB Date: 27.APR.2017 11:20:35

LTE Band 4 / 20MHz	
	Middle Channel / 64QAM

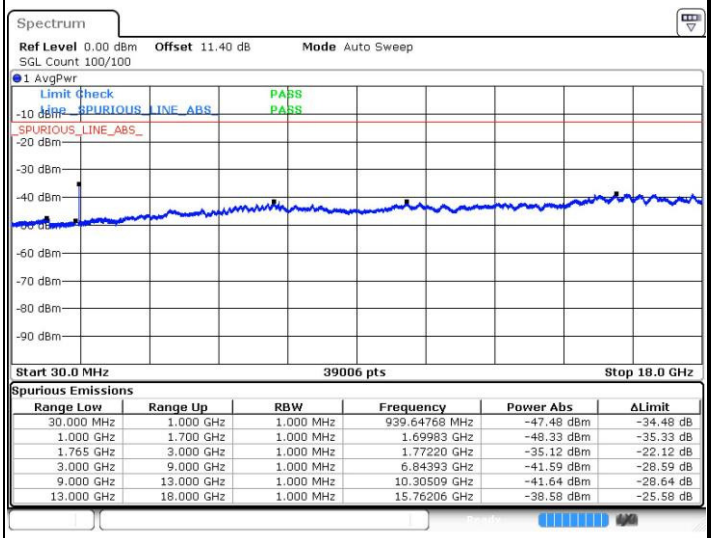


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-47.64 dBm	-34.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59943 GHz	-48.62 dBm	-35.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99568 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.73 dBm	-28.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28959 GHz	-41.84 dBm	-28.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76498 GHz	-38.50 dBm	-25.50 dB

Date: 27.APR.2017 11:21:50

	Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-47.48 dBm	-34.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.33 dBm	-35.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-35.12 dBm	-22.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84393 GHz	-41.59 dBm	-28.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30509 GHz	-41.64 dBm	-28.64 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76206 GHz	-38.58 dBm	-25.58 dB

Date: 27.APR.2017 11:25:23

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	0.0012	PASS
40	Normal Voltage	0.0089	
30	Normal Voltage	0.0088	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0082	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0094	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0082	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.8 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.

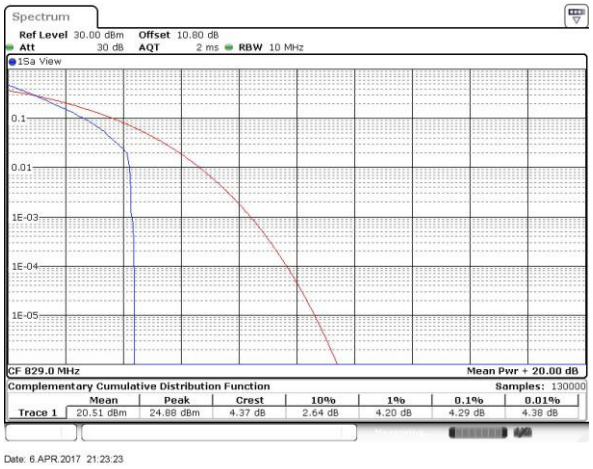
LTE Band 5

Peak-to-Average Ratio

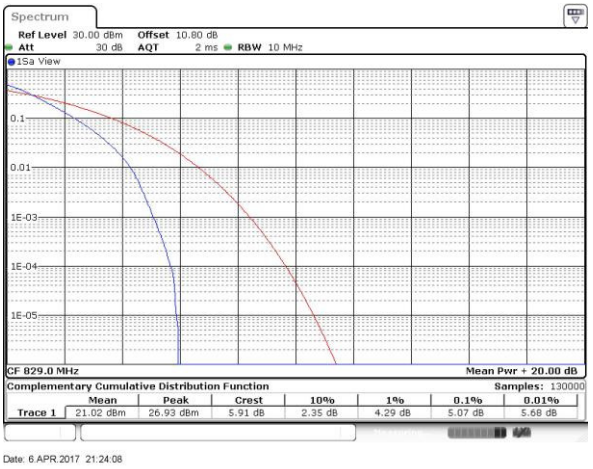
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	5.07	4.75	5.88	PASS
Middle CH	4.61	5.3	5.65	6.2	
Highest CH	4.78	5.28	5.86	6.2	
Mod.	-		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	4.99	6.03	PASS
Middle CH	-	-	5.48	6.29	
Highest CH	-	-	5.83	6.23	

LTE Band 5 / 10MHz / QPSK

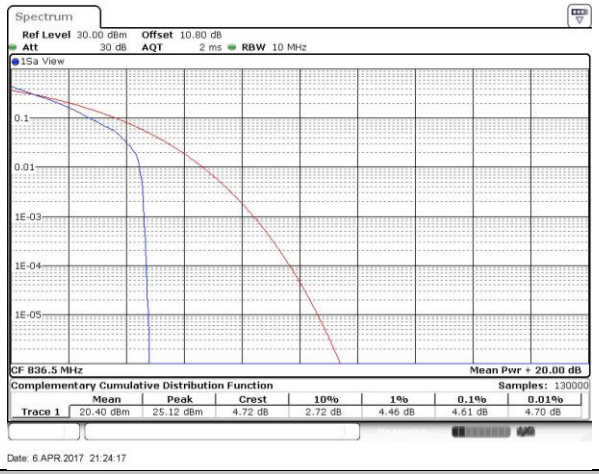
Lowest Channel / 1RB



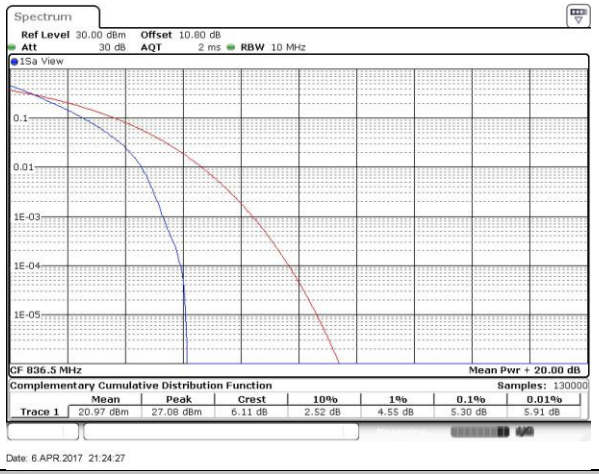
Lowest Channel / Full RB



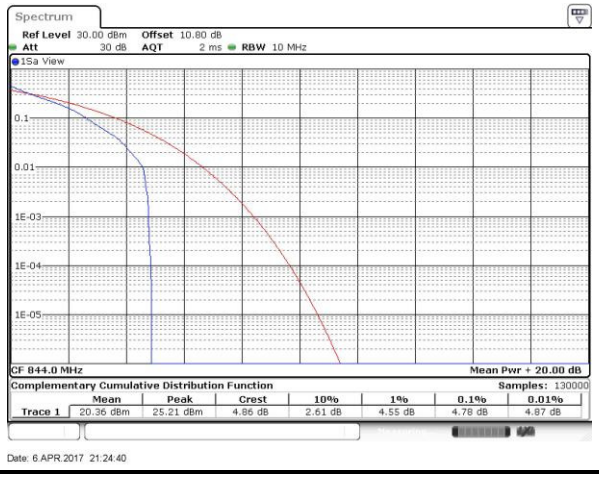
Middle Channel / 1RB



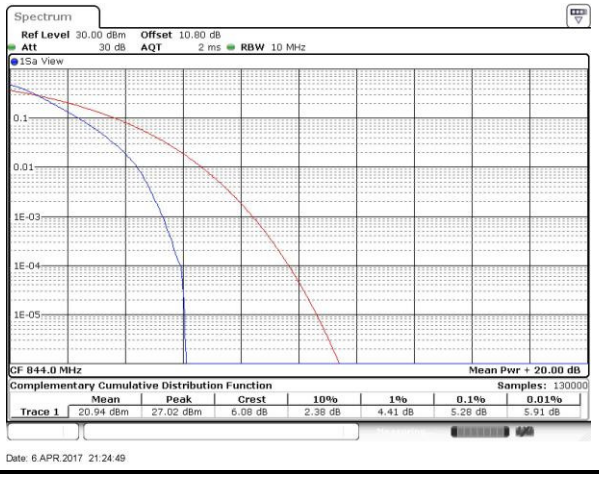
Middle Channel / Full RB



Highest Channel / 1RB

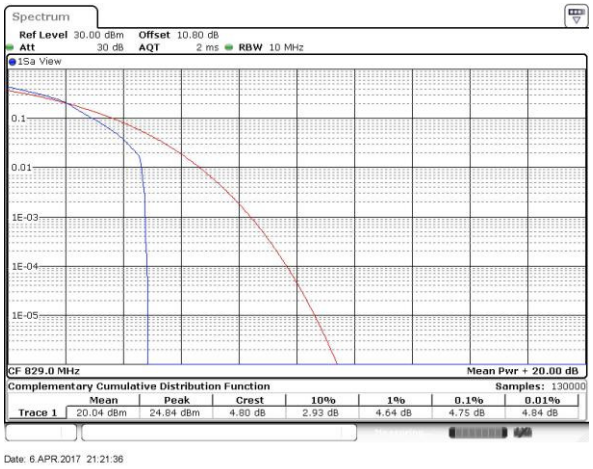


Highest Channel / Full RB

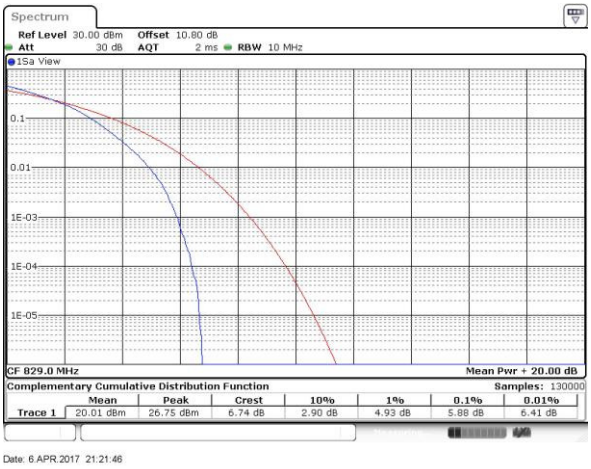


LTE Band 5 / 10MHz / 16QAM

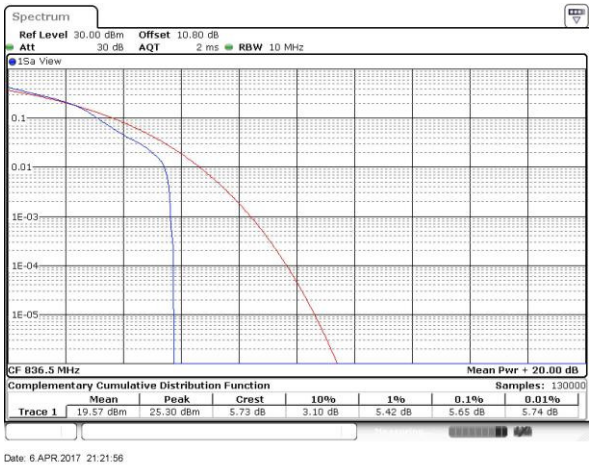
Lowest Channel / 1RB



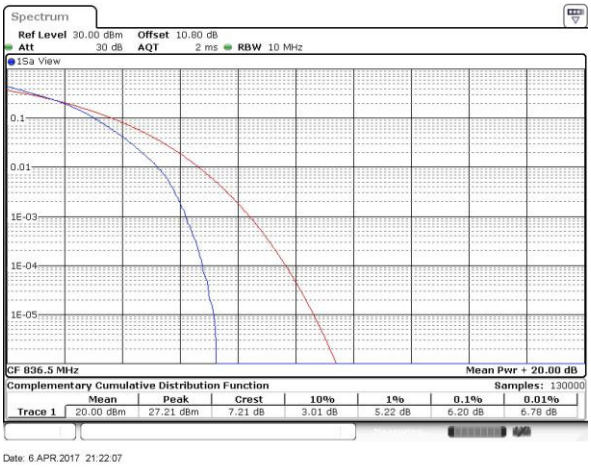
Lowest Channel / Full RB



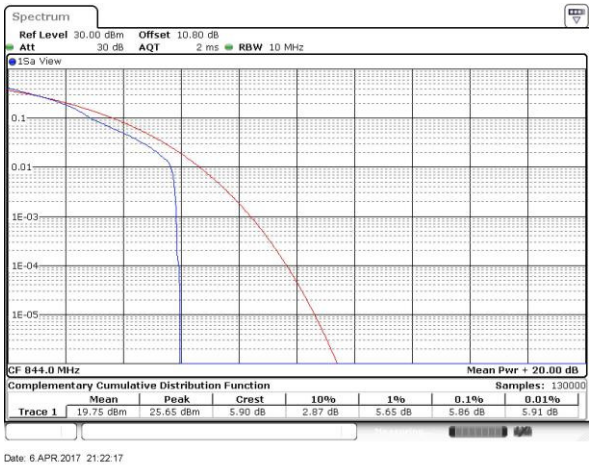
Middle Channel / 1RB



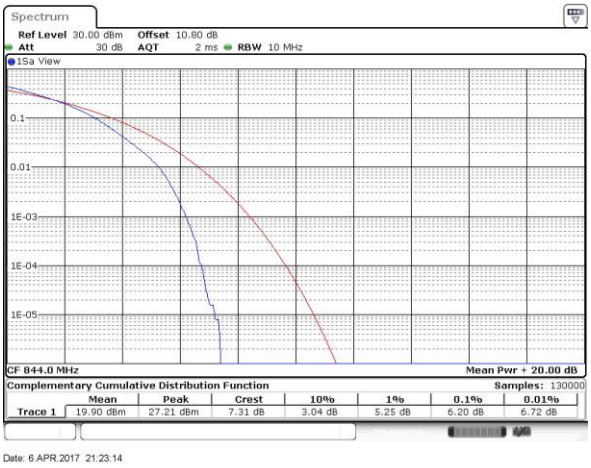
Middle Channel / Full RB



Highest Channel / 1RB

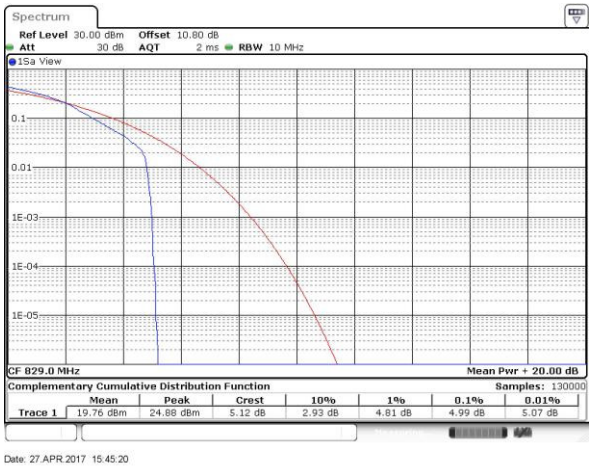


Highest Channel / Full RB

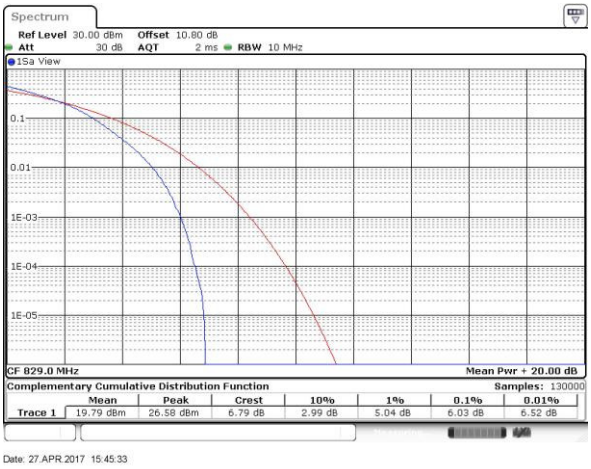


LTE Band 5 / 10MHz / 64QAM

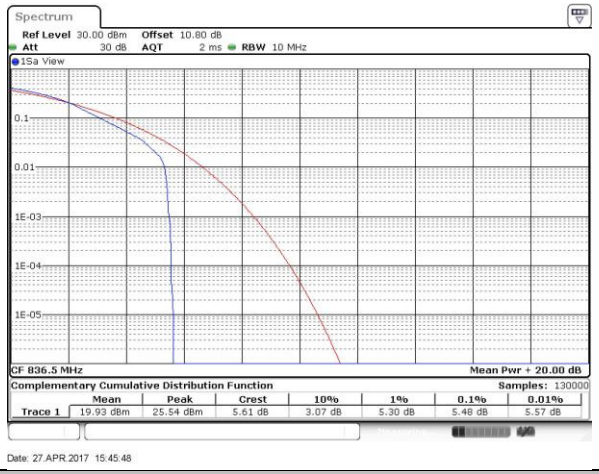
Lowest Channel / 1RB



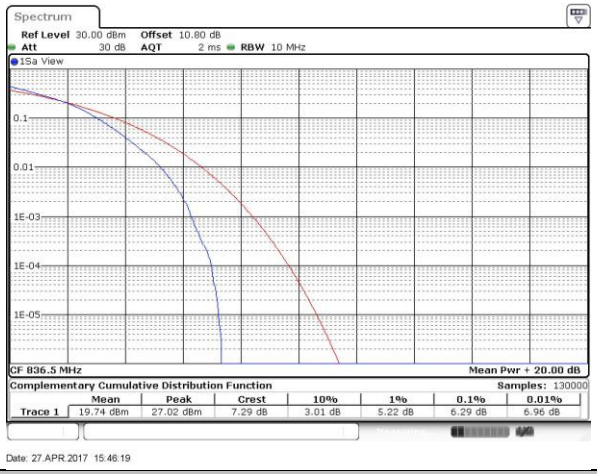
Lowest Channel / Full RB



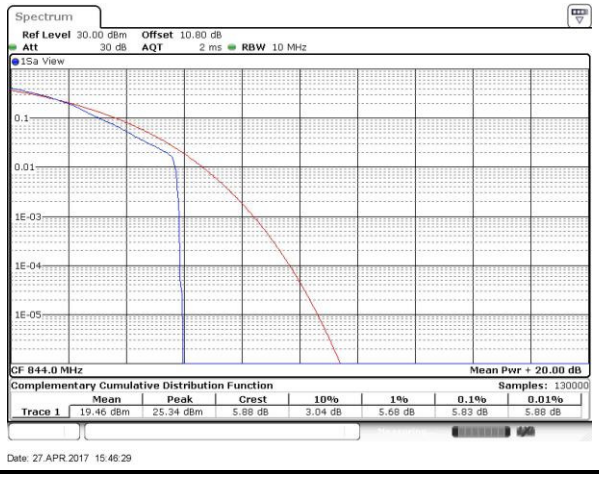
Middle Channel / 1RB



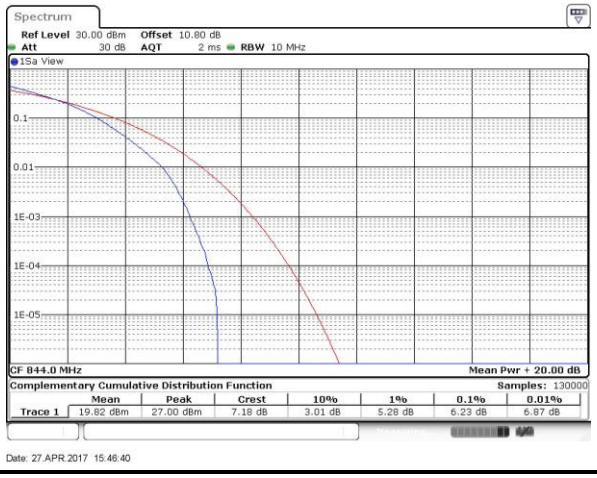
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

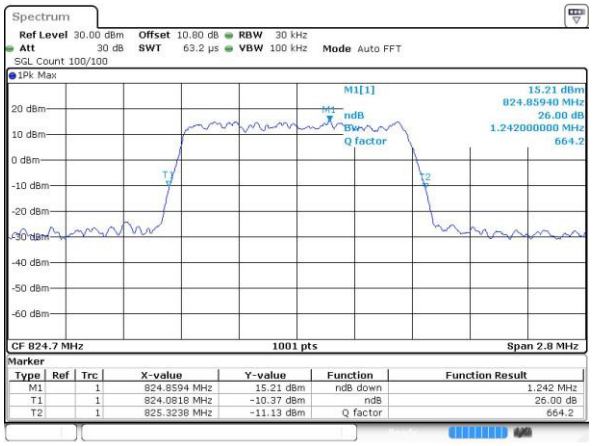


26dB Bandwidth

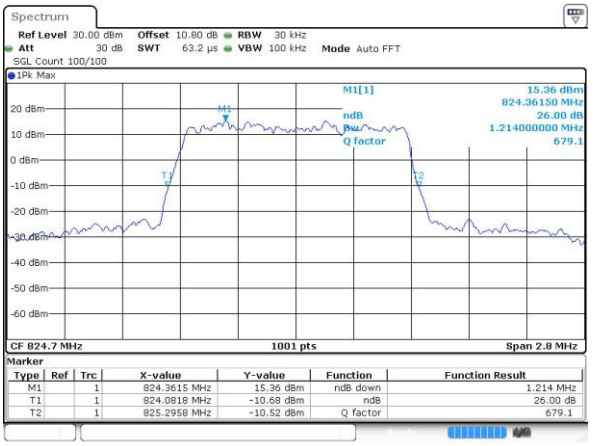
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.21	3.02	3.05	4.98	4.85	9.75	9.73	-	-	-	-
Middle CH	1.21	1.23	3.04	2.98	4.94	4.92	9.81	9.83	-	-	-	-
Highest CH	1.23	1.21	2.95	3.00	4.91	4.82	9.67	9.87	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.23	-	3.00	-	4.84	-	9.77	-	-	-	-
Middle CH	-	1.24	-	3.03	-	4.93	-	9.73	-	-	-	-
Highest CH	-	1.22	-	3.02	-	4.90	-	9.79	-	-	-	-

LTE Band 5

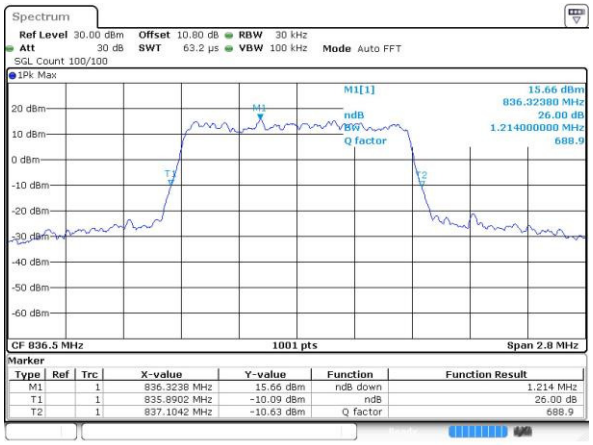
Lowest Channel / 1.4MHz / QPSK



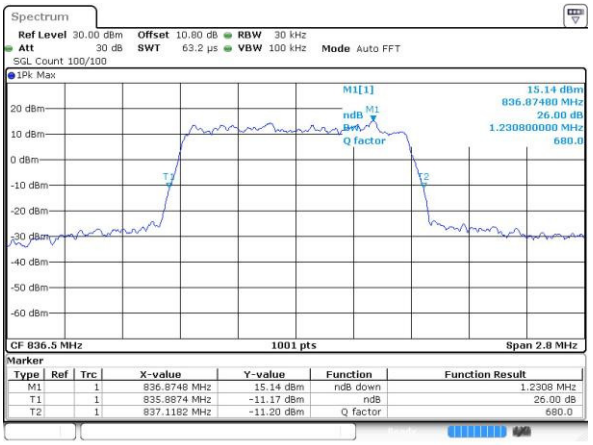
Lowest Channel / 1.4MHz / 16QAM



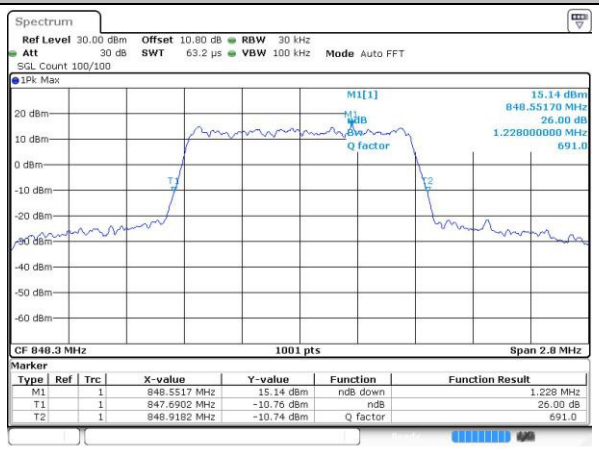
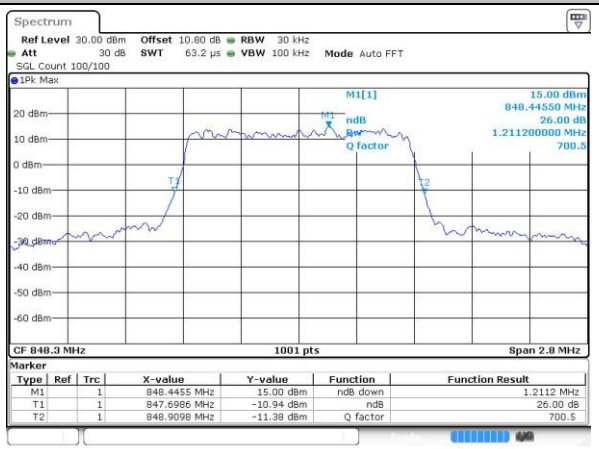
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM