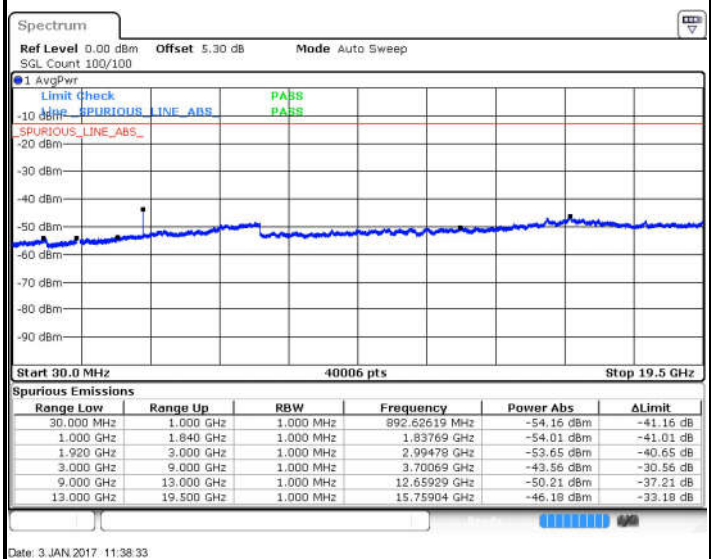
Conducted Spurious Emission

LTE Band 25 / 1.4MHz

Lowest Channel / QPSK

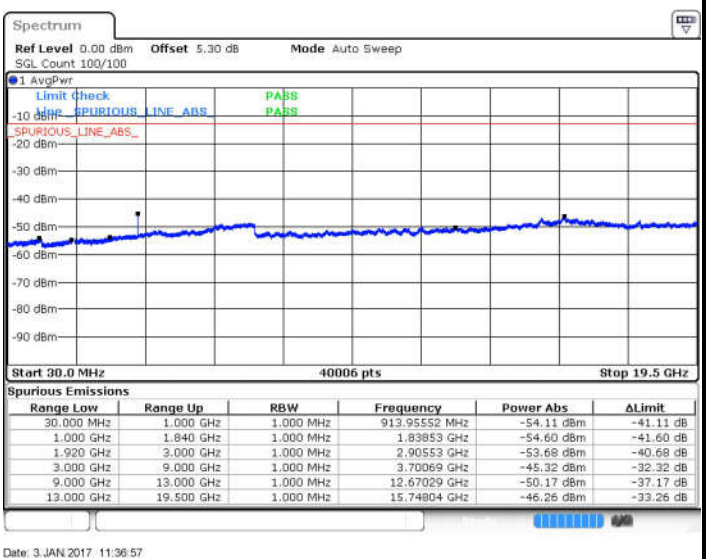


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-54.16 dBm	-41.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-54.01 dBm	-41.01 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99478 GHz	-53.65 dBm	-40.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-43.56 dBm	-30.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65929 GHz	-50.21 dBm	-37.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75904 GHz	-46.18 dBm	-33.18 dB

Date: 3.JAN.2017 11:38:33

Lowest Channel / 16QAM

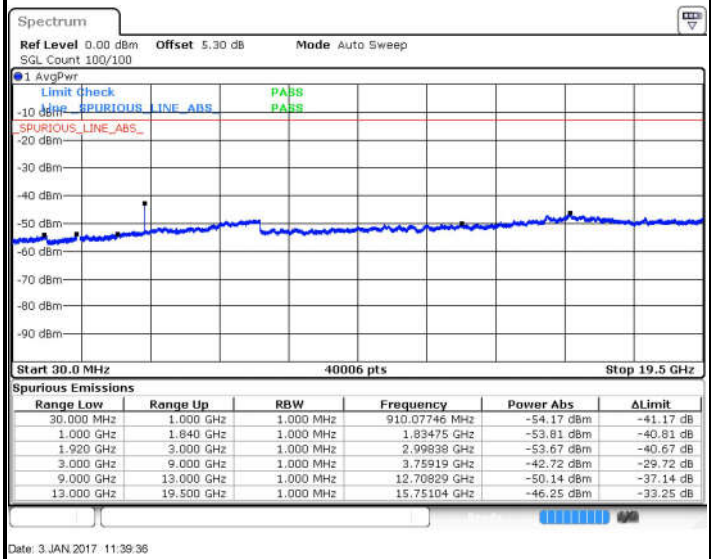


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.95552 MHz	-54.11 dBm	-41.11 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83853 GHz	-54.60 dBm	-41.60 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.90553 GHz	-53.68 dBm	-40.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.32 dBm	-32.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67029 GHz	-50.17 dBm	-37.17 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74804 GHz	-46.26 dBm	-33.26 dB

Date: 3.JAN.2017 11:36:57

Middle Channel / QPSK

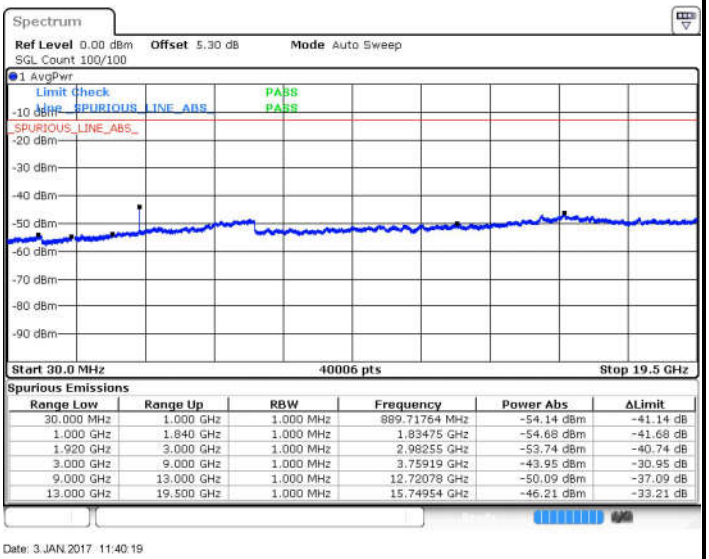


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-54.17 dBm	-41.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83475 GHz	-53.81 dBm	-40.81 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-53.67 dBm	-40.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-42.72 dBm	-29.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-50.14 dBm	-37.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75104 GHz	-46.25 dBm	-33.25 dB

Date: 3.JAN.2017 11:39:36

Middle Channel / 16QAM



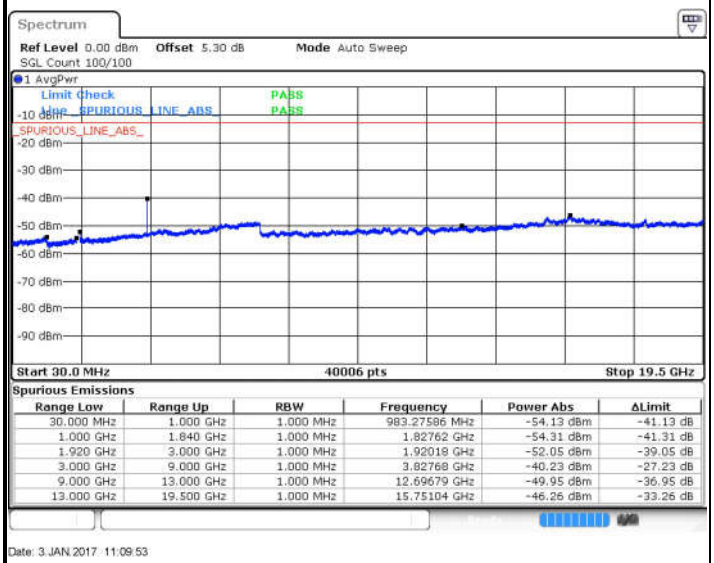
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-54.14 dBm	-41.14 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83475 GHz	-54.68 dBm	-41.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98255 GHz	-53.74 dBm	-40.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-43.95 dBm	-30.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72078 GHz	-50.09 dBm	-37.09 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74954 GHz	-46.21 dBm	-33.21 dB

Date: 3.JAN.2017 11:40:19

LTE Band 25 / 1.4MHz

Highest Channel / QPSK

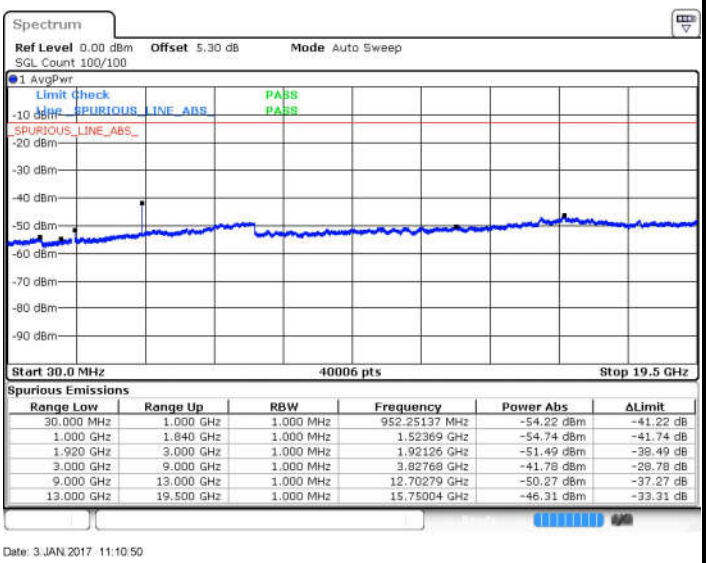


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-54.13 dBm	-41.13 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82762 GHz	-54.31 dBm	-41.31 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-52.05 dBm	-39.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.82768 GHz	-40.23 dBm	-27.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-49.95 dBm	-36.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75104 GHz	-46.26 dBm	-33.26 dB

Date: 3.JAN.2017 11:09:53

Highest Channel / 16QAM



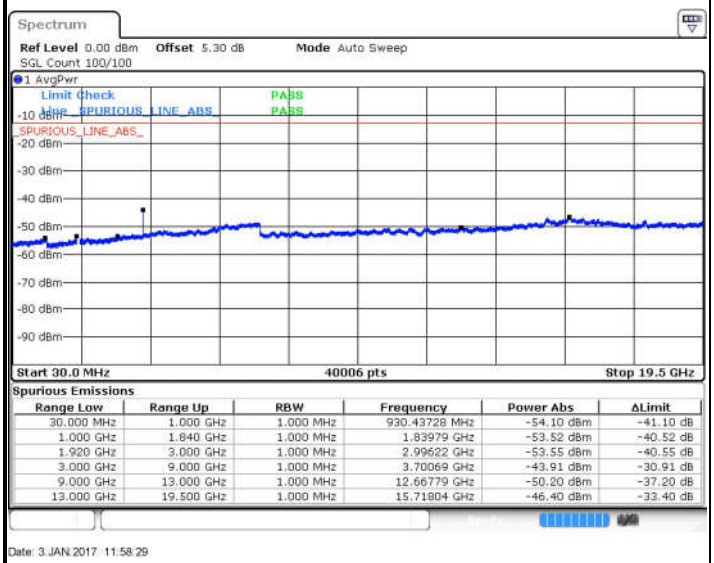
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-54.22 dBm	-41.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.52369 GHz	-54.74 dBm	-41.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92126 GHz	-51.49 dBm	-38.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.82768 GHz	-41.78 dBm	-28.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70279 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75004 GHz	-46.31 dBm	-33.31 dB

Date: 3.JAN.2017 11:10:50

LTE Band 25 / 3MHz

Lowest Channel / QPSK

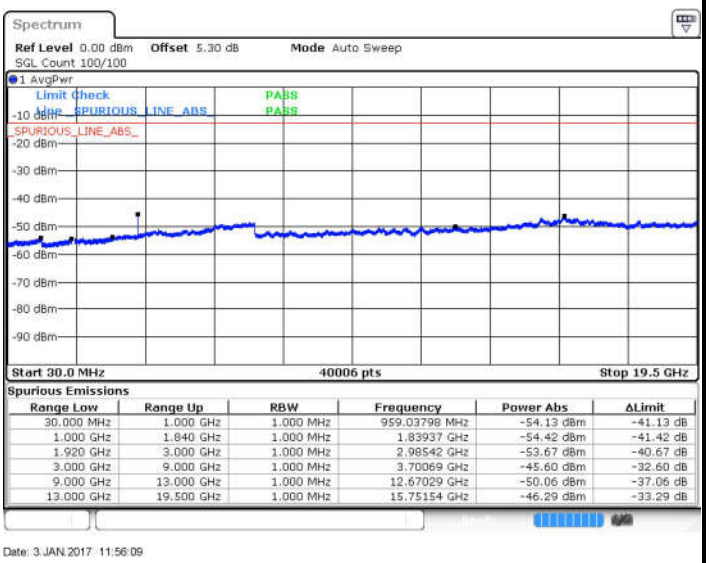


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.43728 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.52 dBm	-40.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99622 GHz	-53.55 dBm	-40.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-43.91 dBm	-30.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66779 GHz	-50.20 dBm	-37.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71804 GHz	-46.40 dBm	-33.40 dB

Date: 3.JAN.2017 11:58:29

Lowest Channel / 16QAM



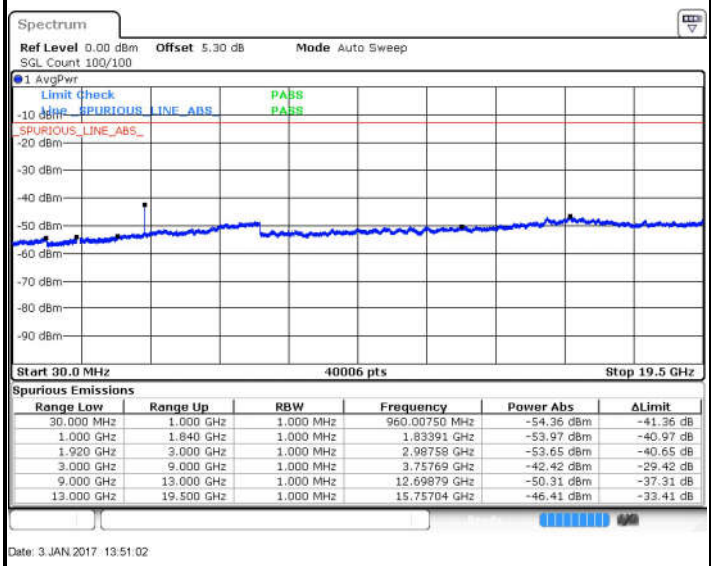
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-54.13 dBm	-41.13 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-54.42 dBm	-41.42 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98542 GHz	-53.67 dBm	-40.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.60 dBm	-32.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67029 GHz	-50.06 dBm	-37.06 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75154 GHz	-46.29 dBm	-33.29 dB

Date: 3.JAN.2017 11:56:09

LTE Band 25 / 3MHz

Middle Channel / QPSK

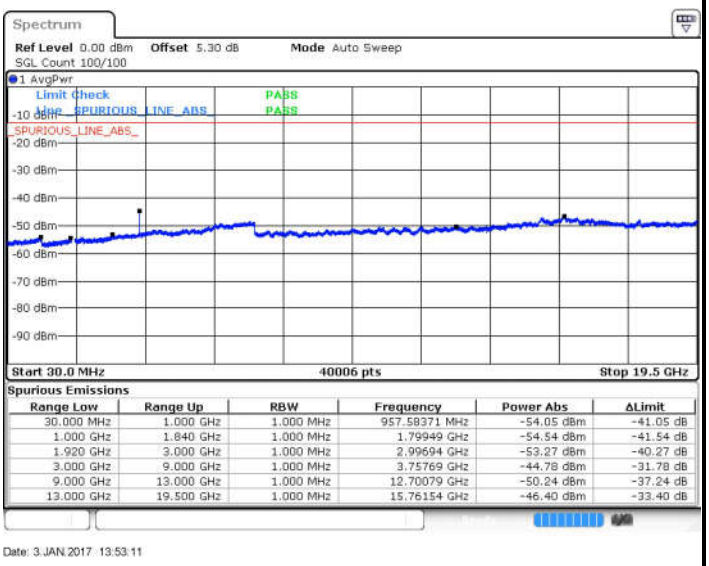


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-54.36 dBm	-41.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-53.97 dBm	-40.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98758 GHz	-53.65 dBm	-40.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-42.42 dBm	-29.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69879 GHz	-50.31 dBm	-37.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75704 GHz	-46.41 dBm	-33.41 dB

Date: 3.JAN.2017 13:51:02

Middle Channel / 16QAM

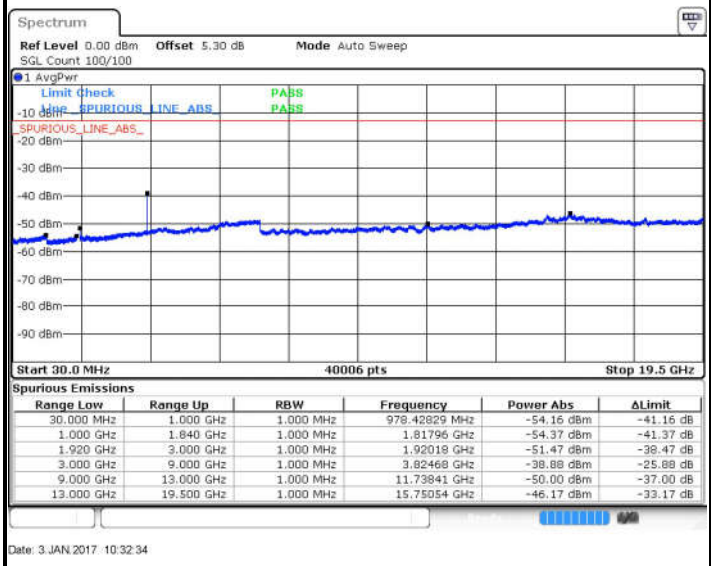


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-54.05 dBm	-41.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79949 GHz	-54.54 dBm	-41.54 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-53.27 dBm	-40.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-44.78 dBm	-31.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-50.24 dBm	-37.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76154 GHz	-46.40 dBm	-33.40 dB

Date: 3.JAN.2017 13:53:11

Highest Channel / QPSK

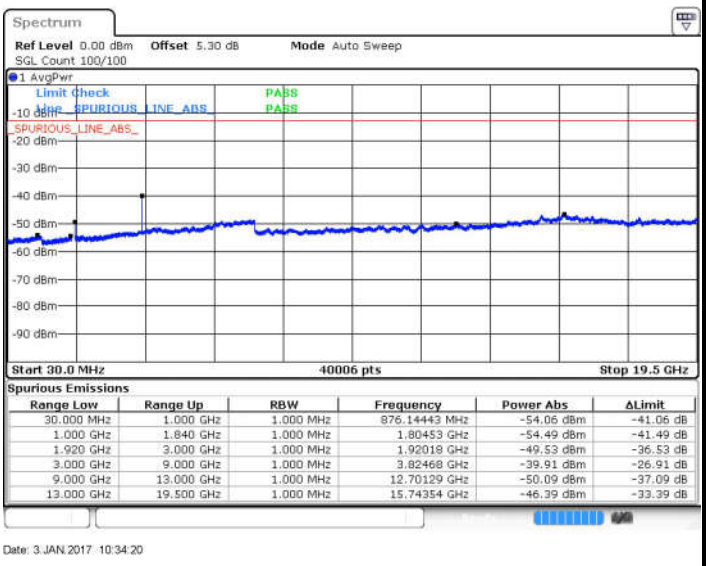


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-54.16 dBm	-41.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81796 GHz	-54.37 dBm	-41.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-51.47 dBm	-38.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.82468 GHz	-38.88 dBm	-25.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.73841 GHz	-50.00 dBm	-37.00 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75054 GHz	-46.17 dBm	-33.17 dB

Date: 3.JAN.2017 10:32:34

Highest Channel / 16QAM



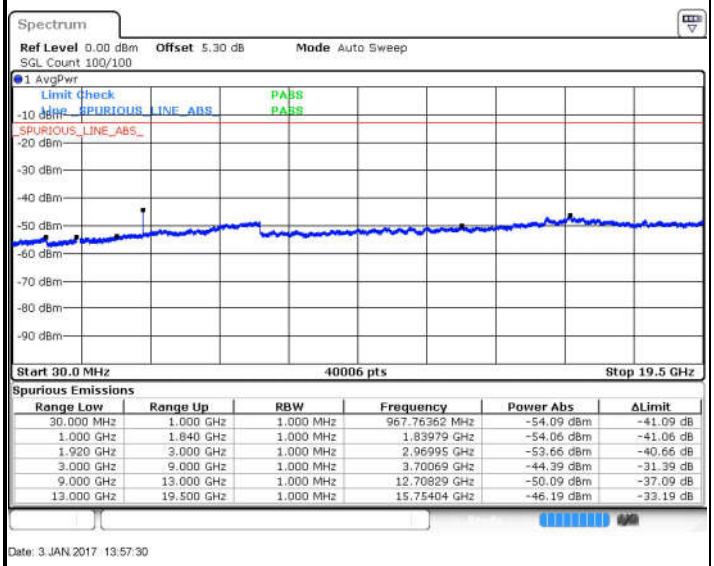
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.14443 MHz	-54.06 dBm	-41.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80453 GHz	-54.49 dBm	-41.49 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-49.53 dBm	-36.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.82468 GHz	-39.91 dBm	-26.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70129 GHz	-50.09 dBm	-37.09 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74354 GHz	-46.39 dBm	-33.39 dB

Date: 3.JAN.2017 10:34:20

LTE Band 25 / 5MHz

Lowest Channel / QPSK

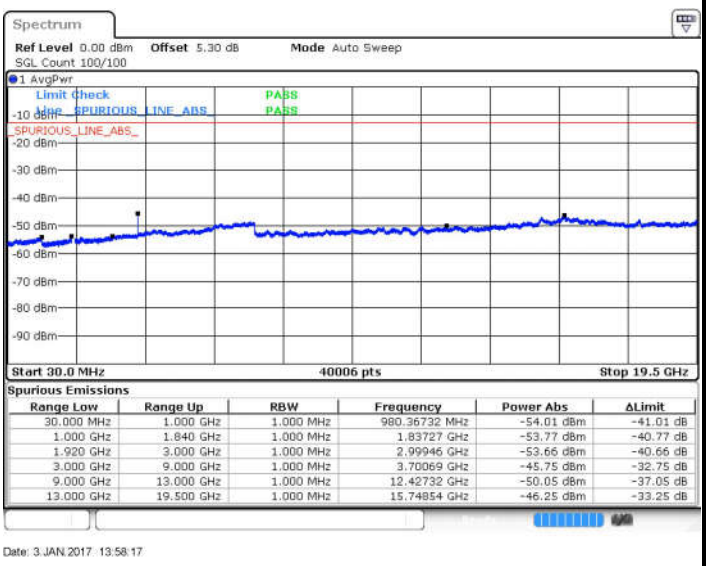


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-54.09 dBm	-41.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.06 dBm	-41.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96995 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-44.39 dBm	-31.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-50.09 dBm	-37.09 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75404 GHz	-46.19 dBm	-33.19 dB

Date: 3.JAN.2017 13:57:30

Lowest Channel / 16QAM

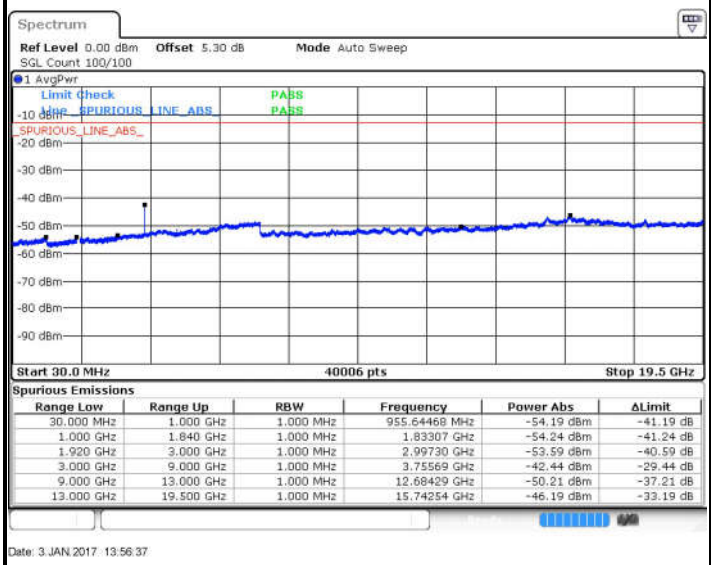


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-54.01 dBm	-41.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-53.77 dBm	-40.77 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.75 dBm	-32.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42732 GHz	-50.05 dBm	-37.05 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74854 GHz	-46.25 dBm	-33.25 dB

Date: 3.JAN.2017 13:58:17

Middle Channel / QPSK

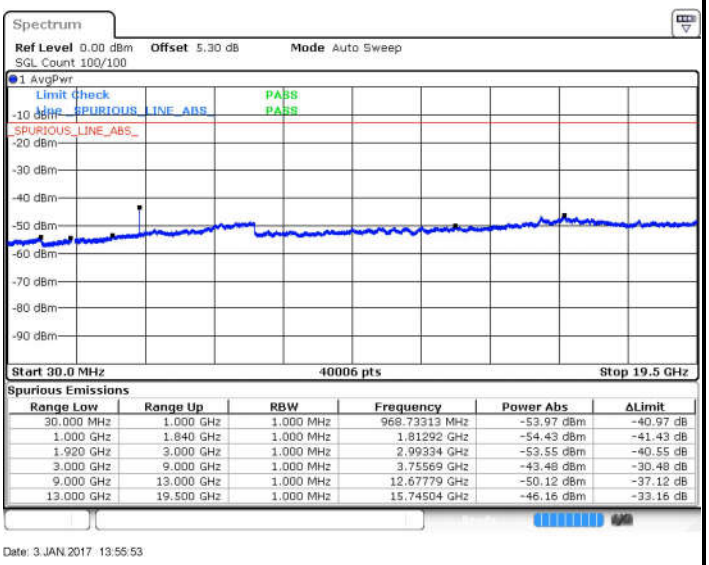


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-54.19 dBm	-41.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-54.24 dBm	-41.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99730 GHz	-53.59 dBm	-40.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-42.44 dBm	-29.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68429 GHz	-50.21 dBm	-37.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74254 GHz	-46.19 dBm	-33.19 dB

Date: 3.JAN.2017 13:56:37

Middle Channel / 16QAM



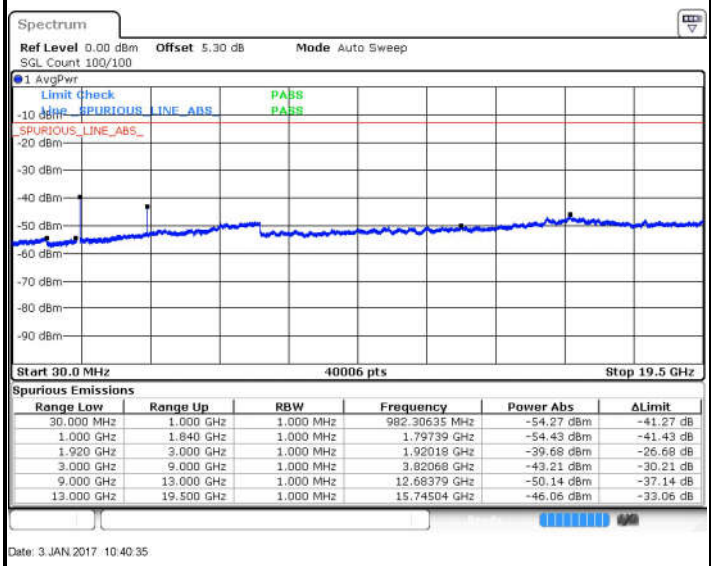
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.73313 MHz	-53.97 dBm	-40.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81292 GHz	-54.43 dBm	-41.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99334 GHz	-53.55 dBm	-40.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-43.48 dBm	-30.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67779 GHz	-50.12 dBm	-37.12 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74504 GHz	-46.16 dBm	-33.16 dB

Date: 3.JAN.2017 13:55:53

LTE Band 25 / 5MHz

Highest Channel / QPSK

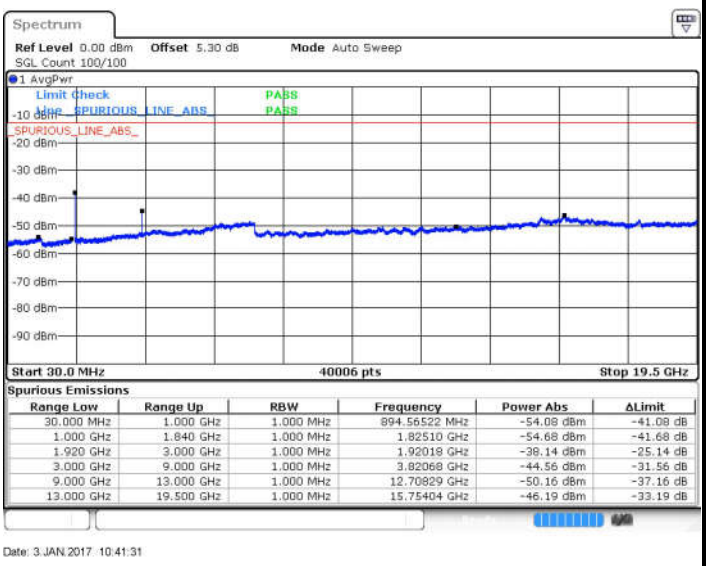


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-54.27 dBm	-41.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79739 GHz	-54.43 dBm	-41.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-39.68 dBm	-26.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.82068 GHz	-43.21 dBm	-30.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68379 GHz	-50.14 dBm	-37.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74504 GHz	-46.06 dBm	-33.06 dB

Date: 3.JAN.2017 10:40:35

Highest Channel / 16QAM



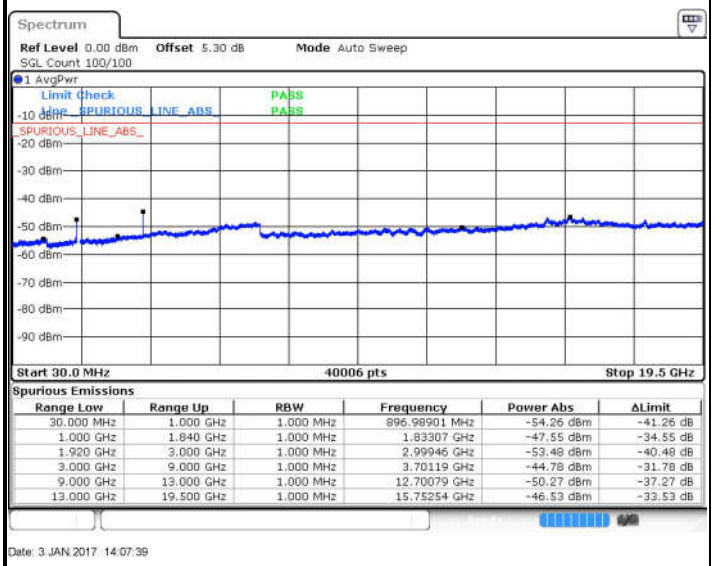
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-54.08 dBm	-41.08 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82510 GHz	-54.68 dBm	-41.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-38.14 dBm	-25.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.82068 GHz	-44.56 dBm	-31.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-50.16 dBm	-37.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75404 GHz	-46.19 dBm	-33.19 dB

Date: 3.JAN.2017 10:41:31

LTE Band 25 / 10MHz

Lowest Channel / QPSK

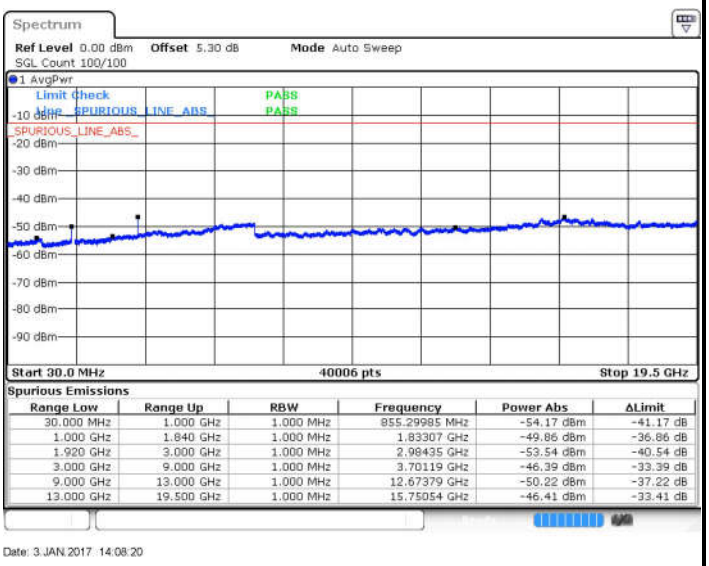


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-54.26 dBm	-41.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-47.55 dBm	-34.55 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-53.48 dBm	-40.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-44.78 dBm	-31.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75254 GHz	-46.53 dBm	-33.53 dB

Date: 3.JAN.2017 14:07:39

Lowest Channel / 16QAM



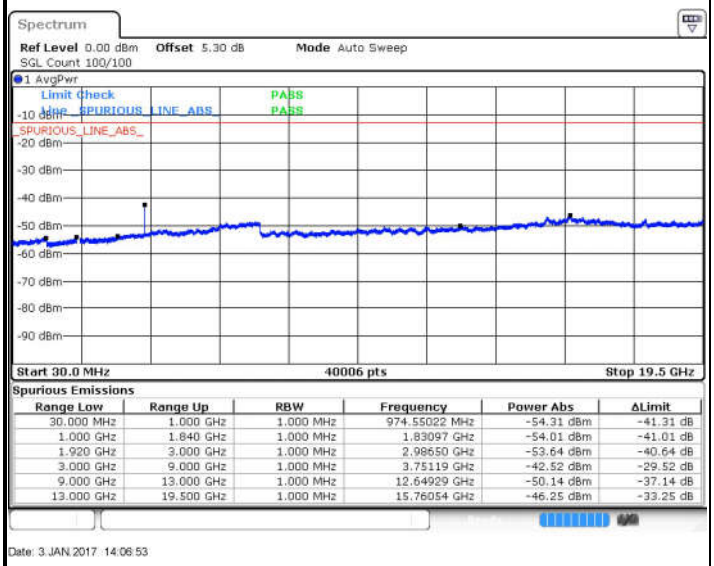
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.29985 MHz	-54.17 dBm	-41.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-49.86 dBm	-36.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98435 GHz	-53.54 dBm	-40.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-46.39 dBm	-33.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67379 GHz	-50.22 dBm	-37.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75054 GHz	-46.41 dBm	-33.41 dB

Date: 3.JAN.2017 14:08:20

LTE Band 25 / 10MHz

Middle Channel / QPSK

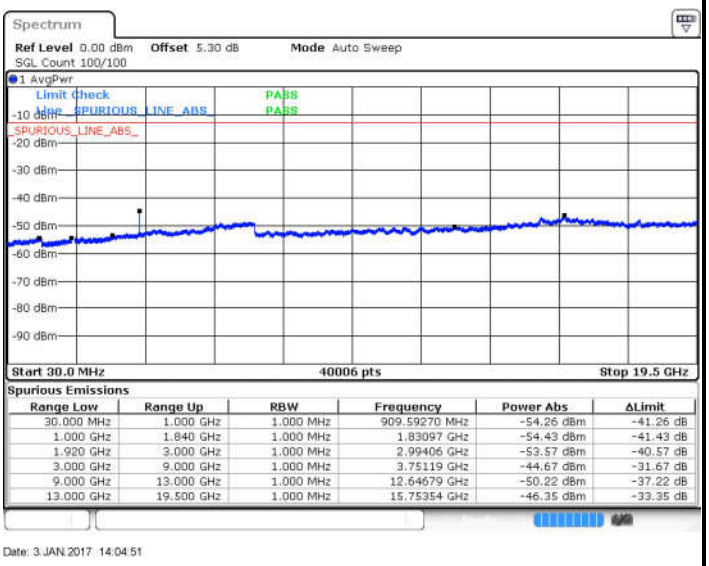


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-54.31 dBm	-41.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-54.01 dBm	-41.01 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98650 GHz	-53.64 dBm	-40.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-42.52 dBm	-29.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64929 GHz	-50.14 dBm	-37.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76054 GHz	-46.25 dBm	-33.25 dB

Date: 3.JAN.2017 14:06:53

Middle Channel / 16QAM

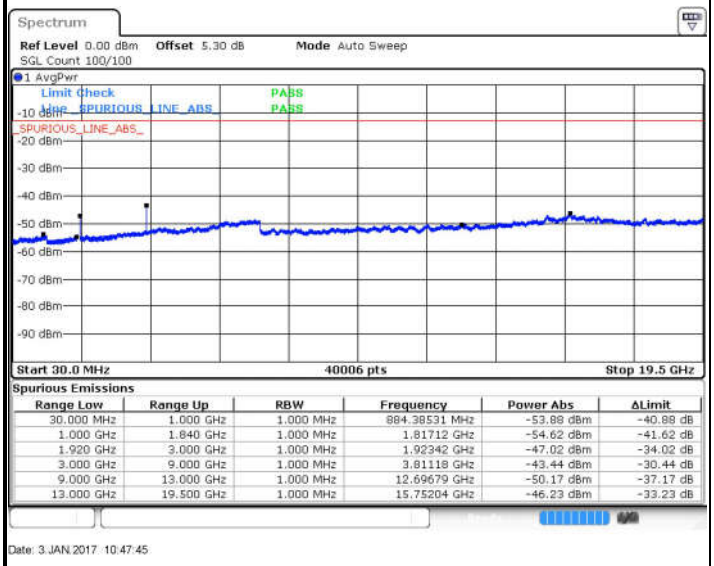


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-54.26 dBm	-41.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-54.43 dBm	-41.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-53.57 dBm	-40.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-44.67 dBm	-31.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64679 GHz	-50.22 dBm	-37.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75354 GHz	-46.35 dBm	-33.35 dB

Date: 3.JAN.2017 14:04:51

Highest Channel / QPSK

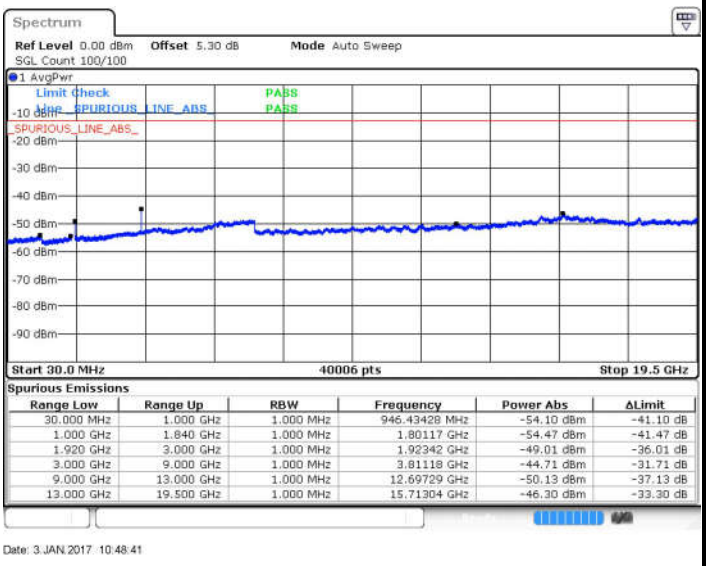


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-53.88 dBm	-40.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81712 GHz	-54.62 dBm	-41.62 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92342 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81118 GHz	-43.44 dBm	-30.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-50.17 dBm	-37.17 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75204 GHz	-46.23 dBm	-33.23 dB

Date: 3.JAN.2017 10:47:45

Highest Channel / 16QAM



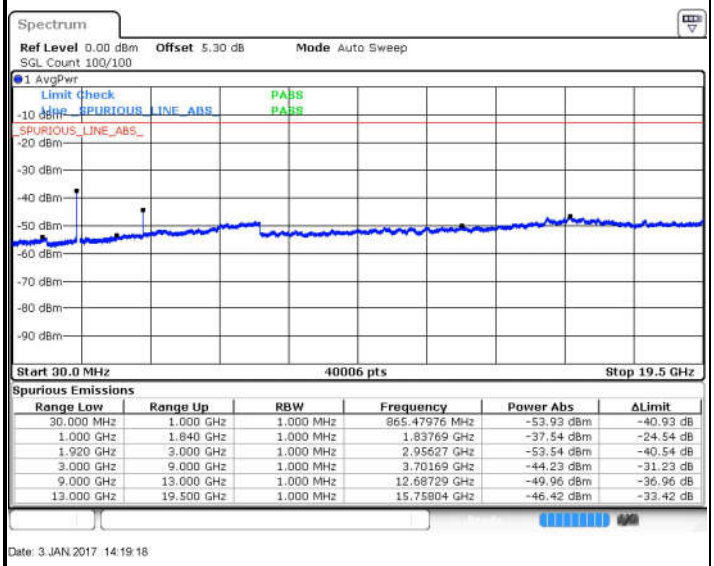
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80117 GHz	-54.47 dBm	-41.47 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92342 GHz	-49.01 dBm	-36.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81118 GHz	-44.71 dBm	-31.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-50.13 dBm	-37.13 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71304 GHz	-46.30 dBm	-33.30 dB

Date: 3.JAN.2017 10:48:41

LTE Band 25 / 15MHz

Lowest Channel / QPSK

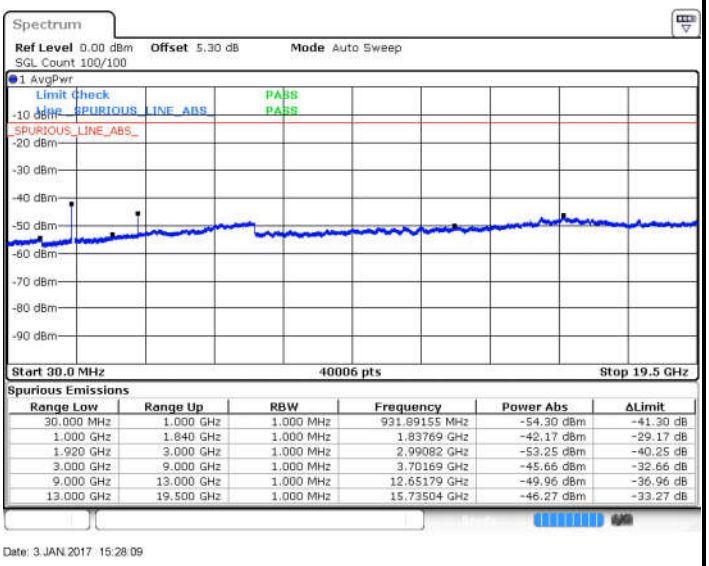


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.47976 MHz	-53.93 dBm	-40.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-37.54 dBm	-24.54 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95627 GHz	-53.54 dBm	-40.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-44.23 dBm	-31.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68729 GHz	-49.96 dBm	-36.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75804 GHz	-46.42 dBm	-33.42 dB

Date: 3.JAN.2017 14:19:18

Lowest Channel / 16QAM

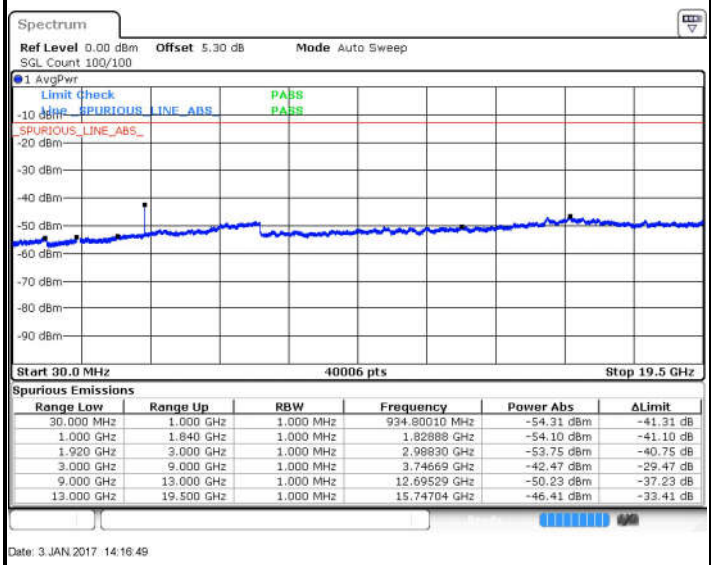


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-54.30 dBm	-41.30 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-42.17 dBm	-29.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-53.25 dBm	-40.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-45.66 dBm	-32.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65179 GHz	-49.96 dBm	-36.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73504 GHz	-46.27 dBm	-33.27 dB

Date: 3.JAN.2017 15:28:09

Middle Channel / QPSK

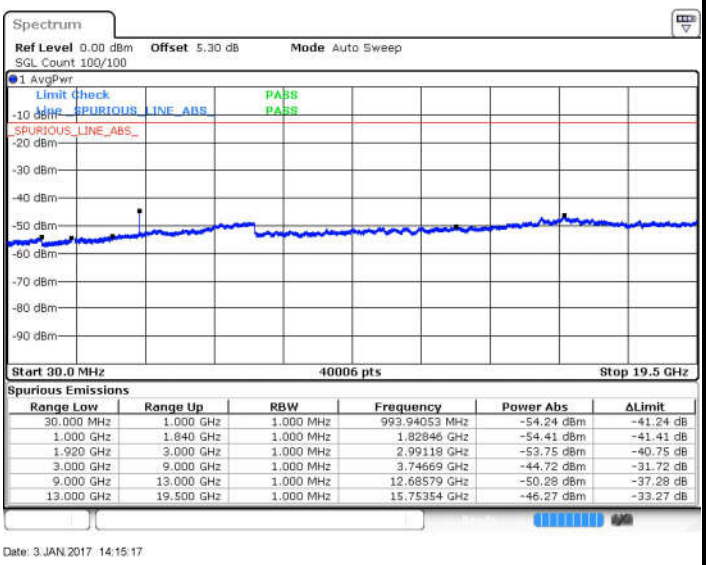


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-54.31 dBm	-41.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82888 GHz	-54.10 dBm	-41.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98830 GHz	-53.75 dBm	-40.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-42.47 dBm	-29.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69529 GHz	-50.23 dBm	-37.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74704 GHz	-46.41 dBm	-33.41 dB

Date: 3.JAN.2017 14:16:49

Middle Channel / 16QAM



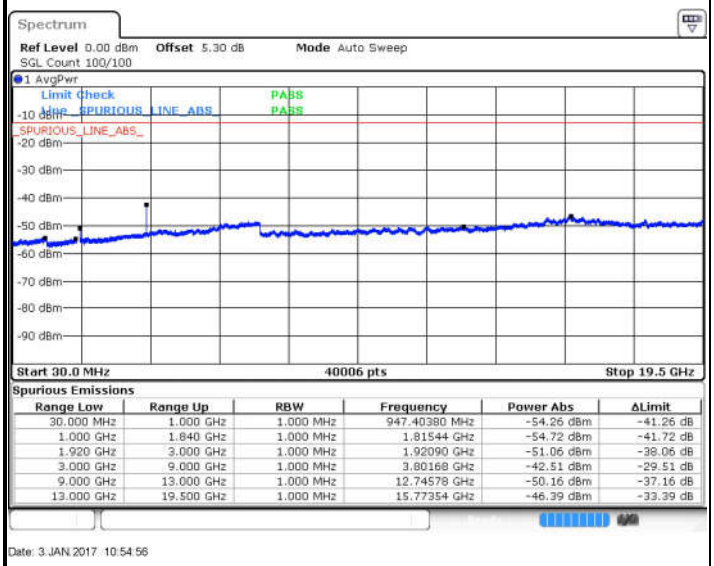
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-54.24 dBm	-41.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82846 GHz	-54.41 dBm	-41.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99118 GHz	-53.75 dBm	-40.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-44.72 dBm	-31.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68579 GHz	-50.28 dBm	-37.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75354 GHz	-46.27 dBm	-33.27 dB

Date: 3.JAN.2017 14:15:17

LTE Band 25 / 15MHz

Highest Channel / QPSK

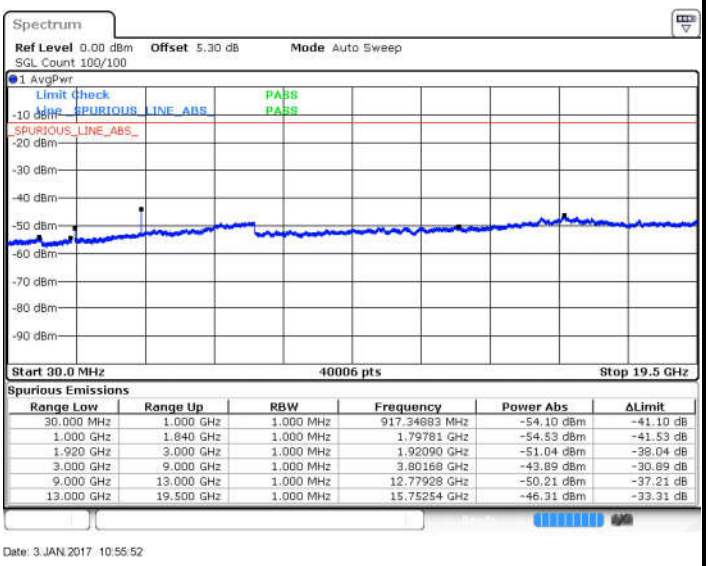


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-54.26 dBm	-41.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81544 GHz	-54.72 dBm	-41.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92090 GHz	-51.06 dBm	-38.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80168 GHz	-42.51 dBm	-29.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74578 GHz	-50.16 dBm	-37.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77354 GHz	-46.39 dBm	-33.39 dB

Date: 3.JAN.2017 10:54:56

Highest Channel / 16QAM



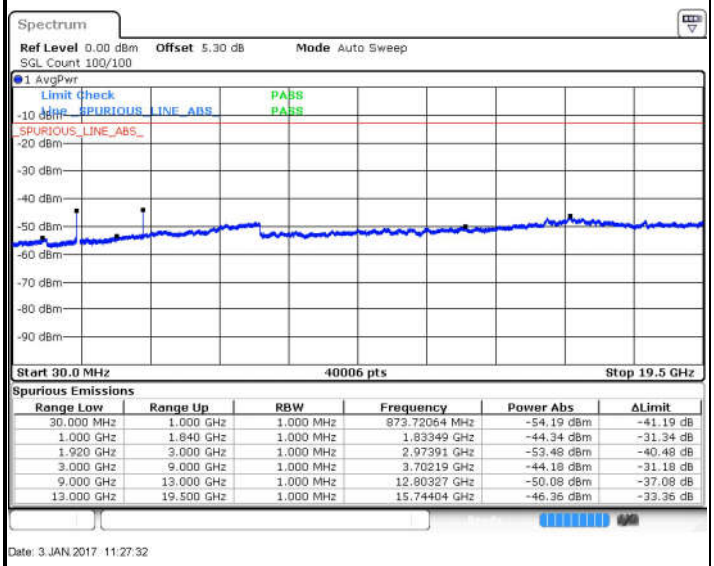
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79781 GHz	-54.53 dBm	-41.53 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92090 GHz	-51.04 dBm	-38.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80168 GHz	-43.89 dBm	-30.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.77928 GHz	-50.21 dBm	-37.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75254 GHz	-46.31 dBm	-33.31 dB

Date: 3.JAN.2017 10:55:52

LTE Band 25 / 20MHz

Lowest Channel / QPSK

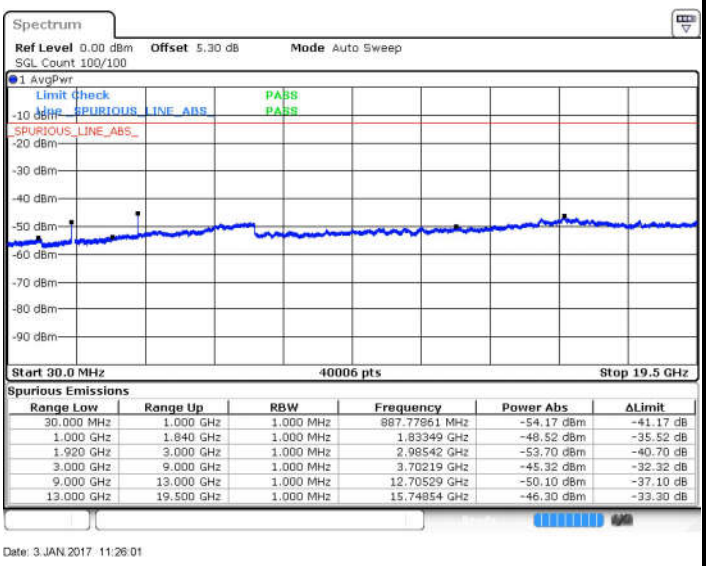


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.72064 MHz	-54.19 dBm	-41.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-44.34 dBm	-31.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97391 GHz	-53.48 dBm	-40.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-44.18 dBm	-31.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80327 GHz	-50.08 dBm	-37.08 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74404 GHz	-46.36 dBm	-33.36 dB

Date: 3.JAN.2017 11:27:32

Lowest Channel / 16QAM



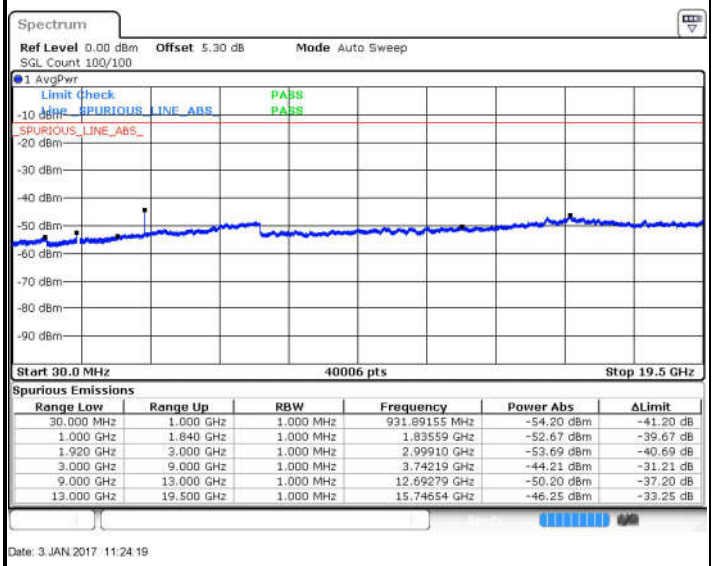
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-54.17 dBm	-41.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-48.52 dBm	-35.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98542 GHz	-53.70 dBm	-40.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-45.32 dBm	-32.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70529 GHz	-50.10 dBm	-37.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74854 GHz	-46.30 dBm	-33.30 dB

Date: 3.JAN.2017 11:26:01

LTE Band 25 / 20MHz

Middle Channel / QPSK

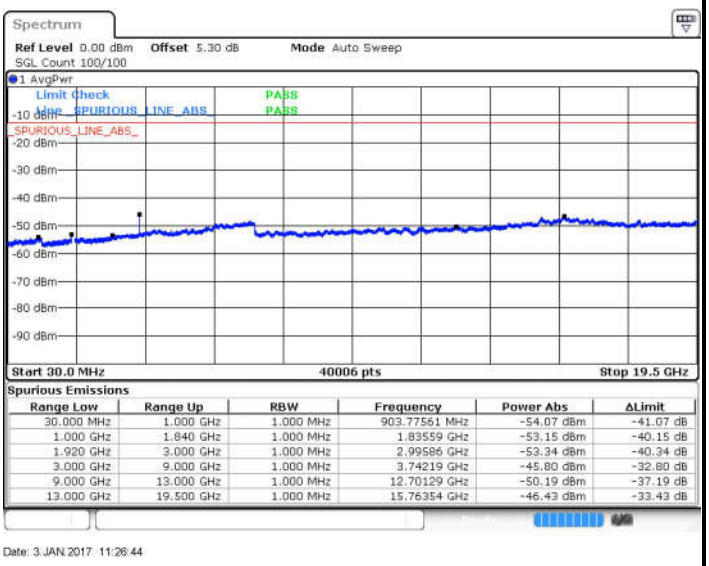


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-54.20 dBm	-41.20 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-52.67 dBm	-39.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99910 GHz	-53.69 dBm	-40.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-44.21 dBm	-31.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-50.20 dBm	-37.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74654 GHz	-46.25 dBm	-33.25 dB

Date: 3.JAN.2017 11:24:19

Middle Channel / 16QAM

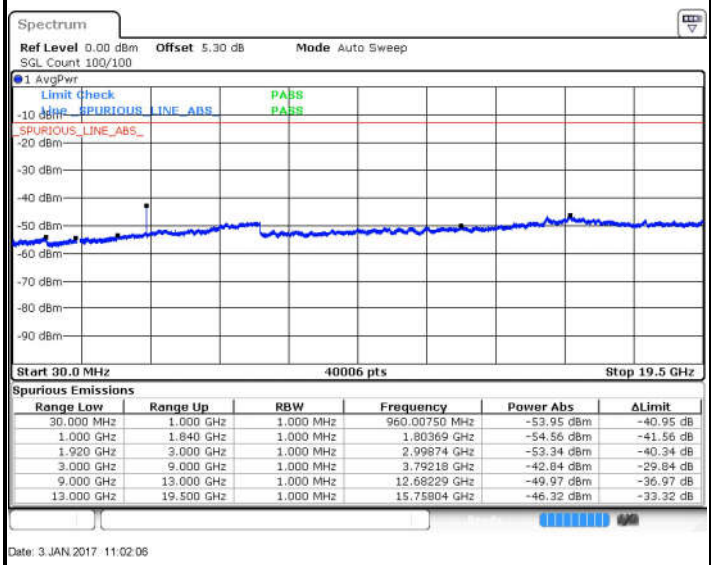


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-54.07 dBm	-41.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-53.15 dBm	-40.15 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-53.34 dBm	-40.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-45.80 dBm	-32.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70129 GHz	-50.19 dBm	-37.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76354 GHz	-46.43 dBm	-33.43 dB

Date: 3.JAN.2017 11:26:44

Highest Channel / QPSK

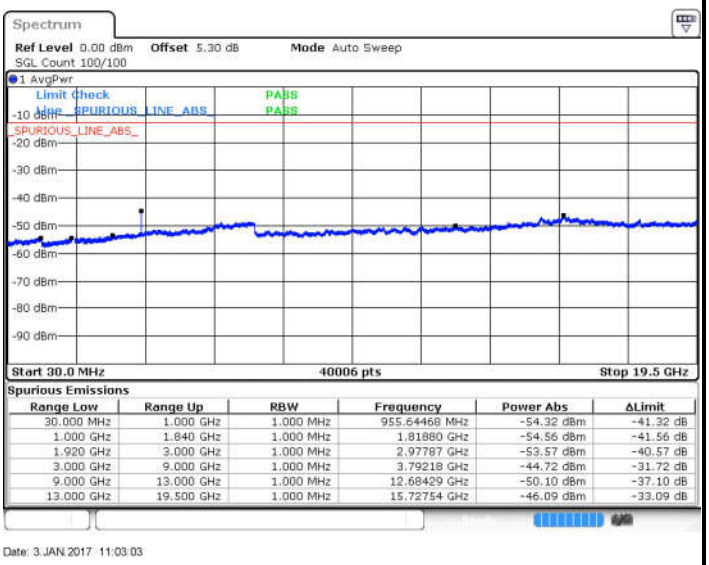


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80369 GHz	-54.56 dBm	-41.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99874 GHz	-53.34 dBm	-40.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68229 GHz	-49.97 dBm	-36.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75804 GHz	-46.32 dBm	-33.32 dB

Date: 3.JAN.2017 11:02:06

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-54.32 dBm	-41.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81880 GHz	-54.56 dBm	-41.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97787 GHz	-53.57 dBm	-40.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-44.72 dBm	-31.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68429 GHz	-50.10 dBm	-37.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72754 GHz	-46.09 dBm	-33.09 dB

Date: 3.JAN.2017 11:03:03

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 25 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-61.39	-13	-48.39	-64.90	-66.38	1.88	6.87	H
	5640	-53.22	-13	-40.22	-61.41	-60.52	2.38	9.68	H
	7518	-56.91	-13	-43.91	-68.94	-65.98	2.74	11.81	H
	3756	-63.38	-13	-50.38	-67.17	-68.37	1.88	6.87	V
	5640	-60.79	-13	-47.79	-69.36	-68.09	2.38	9.68	V
	7518	-59.80	-13	-46.80	-70.51	-68.87	2.74	11.81	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 25 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-62.41	-13	-49.41	-65.92	-67.40	1.88	6.87	H
	5634	-52.58	-13	-39.58	-60.77	-59.88	2.38	9.68	H
	7512	-55.29	-13	-42.29	-67.32	-64.36	2.74	11.81	H
	3756	-61.42	-13	-48.42	-65.21	-66.41	1.88	6.87	V
	5634	-60.80	-13	-47.80	-69.37	-68.10	2.38	9.68	V
	7512	-59.80	-13	-46.80	-70.51	-68.87	2.74	11.81	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 25 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-61.28	-13	-48.28	-64.79	-66.27	1.88	6.87	H
	5634	-50.28	-13	-37.28	-59.51	-57.58	2.38	9.68	H
	7512	-54.40	-13	-41.40	-66.43	-63.47	2.74	11.81	H
	3756	-60.46	-13	-47.46	-64.25	-65.45	1.88	6.87	V
	5634	-60.07	-13	-47.07	-68.64	-67.37	2.38	9.68	V
	7512	-56.99	-13	-43.99	-67.7	-66.06	2.74	11.81	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3750	-62.69	-13	-49.69	-66.20	-67.68	1.88	6.87	H
	5628	-49.72	-13	-36.72	-59.16	-57.02	2.38	9.68	H
	7500	-53.87	-13	-40.87	-65.90	-62.94	2.74	11.81	H
	3750	-59.71	-13	-46.71	-63.5	-64.70	1.88	6.87	V
	5628	-56.85	-13	-43.85	-65.42	-64.15	2.38	9.68	V
	7500	-59.34	-13	-46.34	-70.05	-68.41	2.74	11.81	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3744	-60.34	-13	-47.34	-63.85	-65.33	1.88	6.87	H
	5622	-51.11	-13	-38.11	-60.11	-58.41	2.38	9.68	H
	7494	-55.29	-13	-42.29	-67.32	-64.36	2.74	11.81	H
	3744	-59.66	-13	-46.66	-63.45	-64.65	1.88	6.87	V
	5622	-59.35	-13	-46.35	-67.92	-66.65	2.38	9.68	V
	7494	-58.17	-13	-45.17	-68.88	-67.24	2.74	11.81	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3744	-58.59	-13	-45.59	-62.10	-63.58	1.88	6.87	H
	5610	-53.02	-13	-40.02	-61.21	-60.32	2.38	9.68	H
	7482	-54.38	-13	-41.38	-66.41	-63.45	2.74	11.81	H
	3744	-59.23	-13	-46.23	-63.02	-64.22	1.88	6.87	V
	5610	-59.77	-13	-46.77	-68.34	-67.07	2.38	9.68	V
	7482	-58.01	-13	-45.01	-68.72	-67.08	2.74	11.81	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

Appendix D. Product Equality Declaration

ZTE CORPORATION

Product Change Description

As the applicant of the below model, [ZTE Corporation] declares that the product,

[Z986U]

[ZTE Corporation]

is the variant of the initial certified product,

[Z986DL]

[ZTE Corporation]

[Project Number:16ZTE254]

SOFTWARE MODIFICATIONS:

Protocol Stack changes: NO
MMS/STK changes: NO
JAVA changes: NO
Other changes detailed: Yes, Z986U now supports LTE BAND 25 via software.

HARDWARE MODIFICATION:

Band changes: Yes, supports LTE BAND B25 via software
Power Amplifier changes: NO
Antenna changes: NO
PCB Layout changes: NO
Components on PCB changes: NO
LCD changes: NO
Speaker changes: NO
Camera changes: NO
Vibrator changes: NO
Bluetooth changes: NO

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FM changes: NO
Other changes: NO

MECHANICAL MODIFICATIONS:

Use new metal front/back cover or keypad: NO
Mechanical shell changes: NO
Other changes detailed: NO

ACCESSORY MODIFICATIONS:

Battery changes:NO
AC Adaptor changes:NO
Earphone changes:NO

APPROVED BY: Min Zhag

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