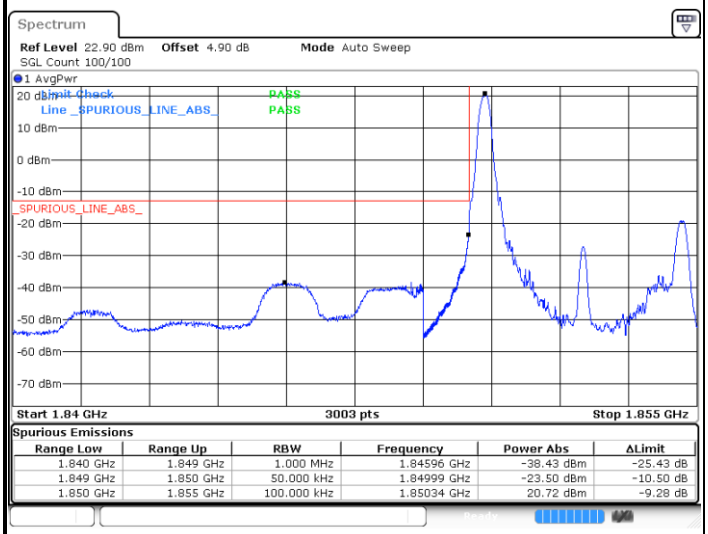
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB

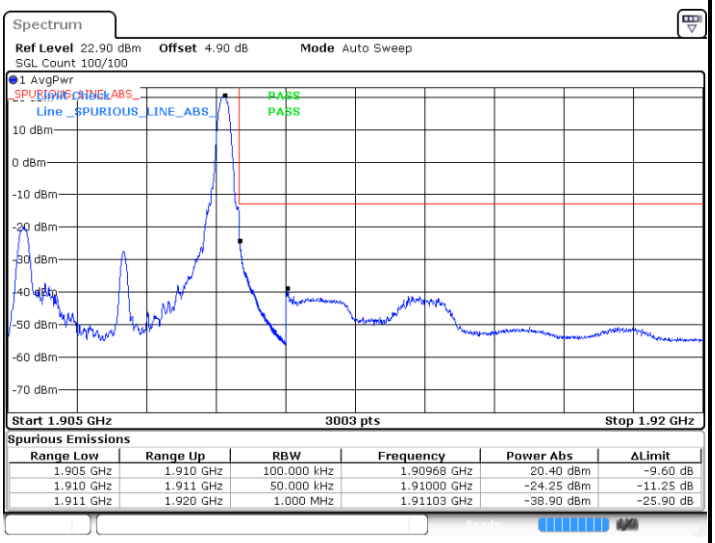


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84596 GHz	-38.43 dBm	-25.43 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-23.50 dBm	-10.50 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85034 GHz	20.72 dBm	-9.28 dB

Date: 4.DEC.2019 12:51:44

Highest Band Edge / 1 RB

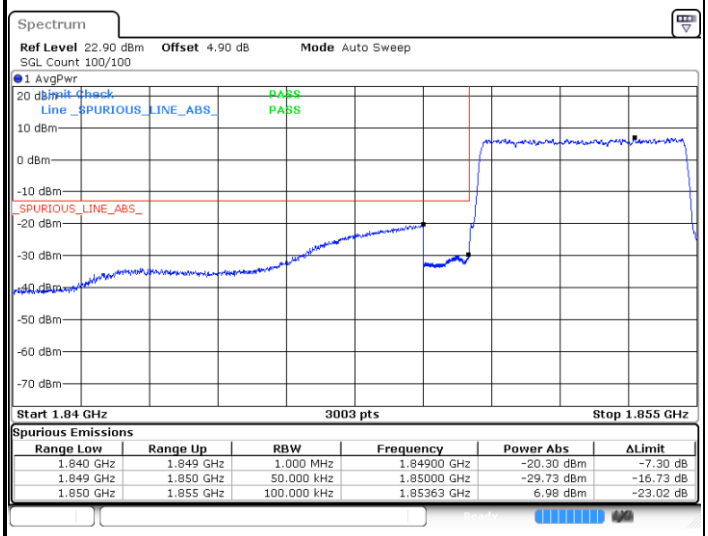


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90968 GHz	20.40 dBm	-9.60 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-24.25 dBm	-11.25 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91103 GHz	-38.90 dBm	-25.90 dB

Date: 4.DEC.2019 13:01:10

Lowest Band Edge / Full RB

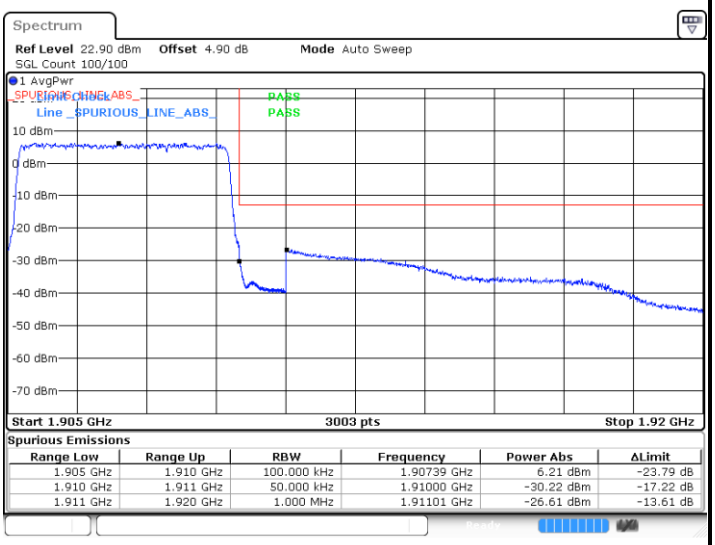


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-20.30 dBm	-7.30 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-29.73 dBm	-16.73 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85363 GHz	6.98 dBm	-23.02 dB

Date: 4.DEC.2019 12:53:59

Highest Band Edge / Full RB



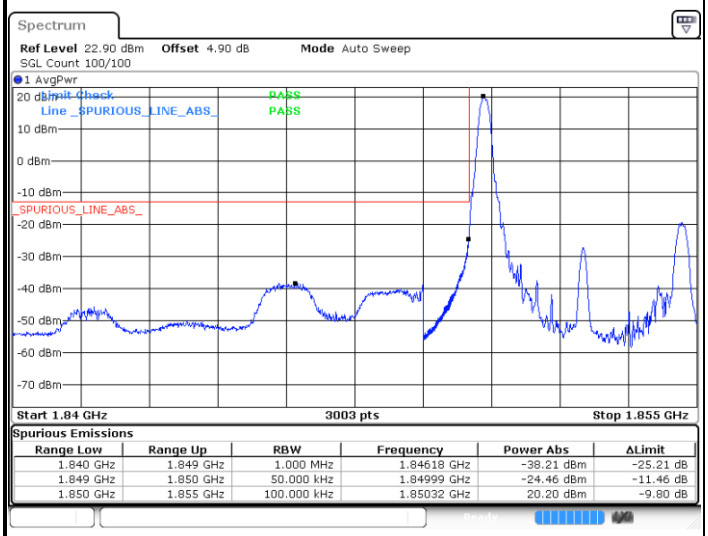
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90739 GHz	6.21 dBm	-23.79 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-30.22 dBm	-17.22 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-26.61 dBm	-13.61 dB

Date: 4.DEC.2019 13:03:25

LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB

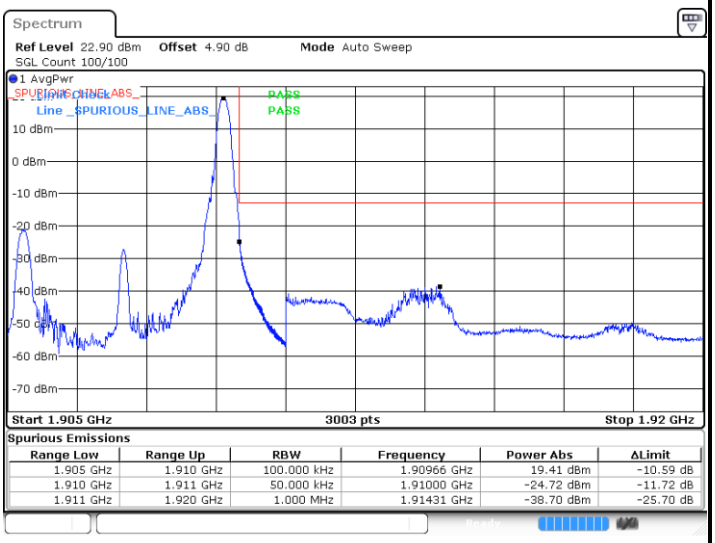


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84618 GHz	-38.21 dBm	-25.21 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-24.46 dBm	-11.46 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85032 GHz	20.20 dBm	-9.80 dB

Date: 4.DEC.2019 12:52:51

Highest Band Edge / 1 RB

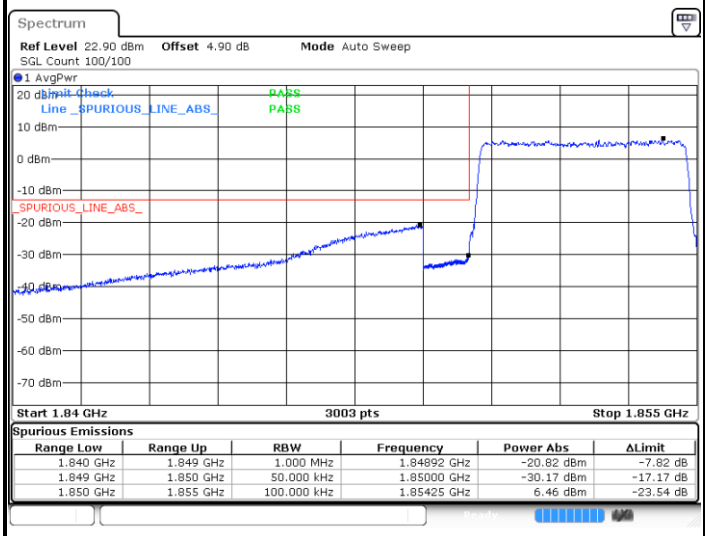


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90966 GHz	19.41 dBm	-10.59 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-24.72 dBm	-11.72 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91431 GHz	-38.70 dBm	-25.70 dB

Date: 4.DEC.2019 13:02:17

Lowest Band Edge / Full RB

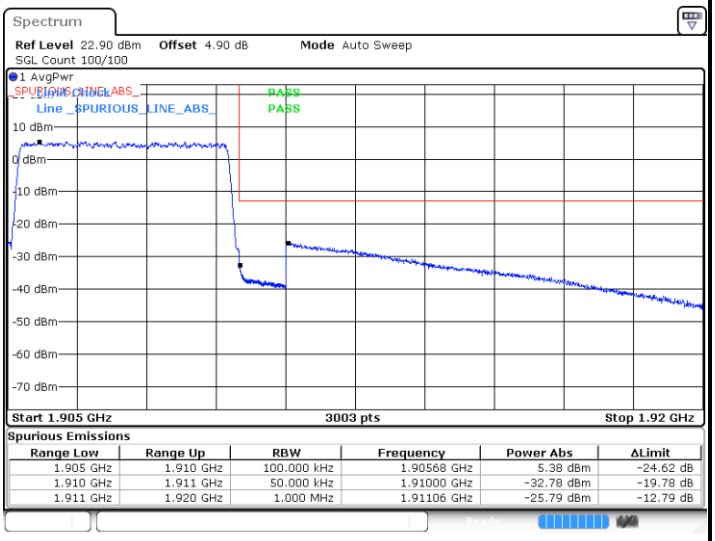


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84892 GHz	-20.82 dBm	-7.82 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-30.17 dBm	-17.17 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85425 GHz	6.46 dBm	-23.54 dB

Date: 4.DEC.2019 12:55:06

Highest Band Edge / Full RB



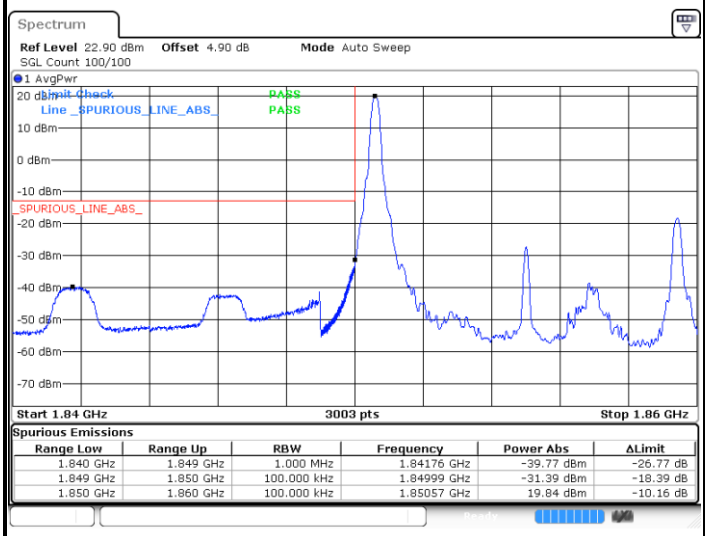
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90568 GHz	5.38 dBm	-24.62 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-32.78 dBm	-19.78 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-25.79 dBm	-12.79 dB

Date: 4.DEC.2019 13:04:32

LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB

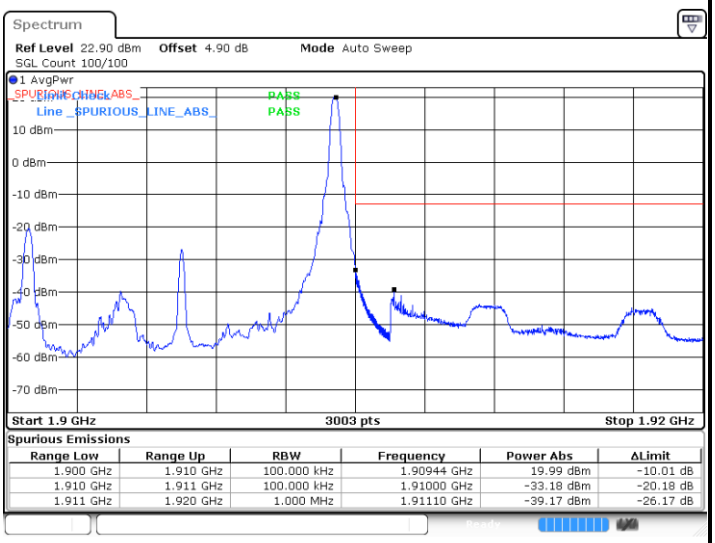


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84176 GHz	-39.77 dBm	-26.77 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-31.39 dBm	-18.39 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85057 GHz	19.84 dBm	-10.16 dB

Date: 4.DEC.2019 13:08:07

Highest Band Edge / 1 RB

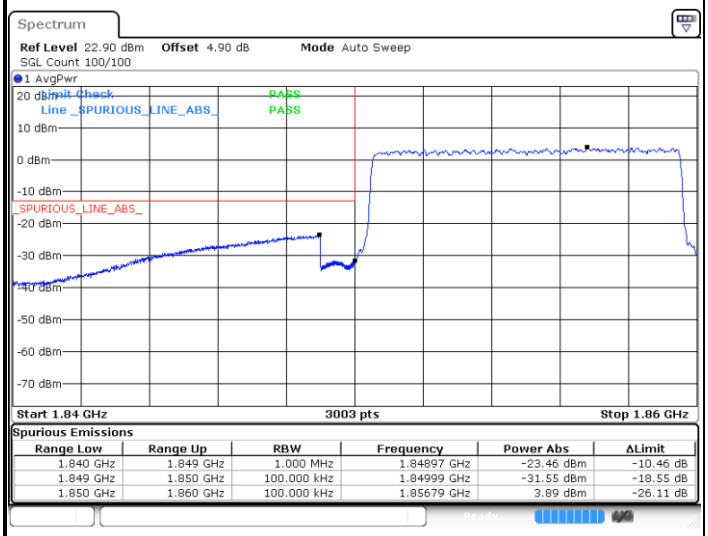


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90944 GHz	19.99 dBm	-10.01 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91000 GHz	-33.18 dBm	-20.18 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91110 GHz	-39.17 dBm	-26.17 dB

Date: 4.DEC.2019 13:17:34

Lowest Band Edge / Full RB

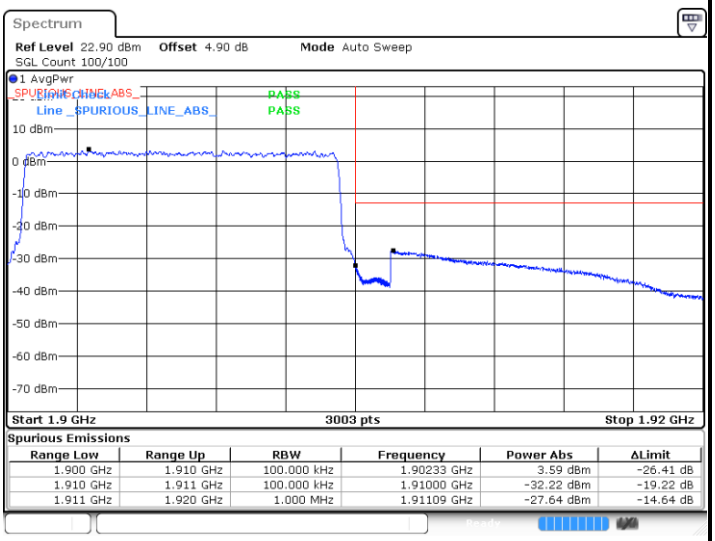


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-23.46 dBm	-10.46 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-31.55 dBm	-18.55 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85679 GHz	3.89 dBm	-26.11 dB

Date: 4.DEC.2019 13:10:22

Highest Band Edge / Full RB



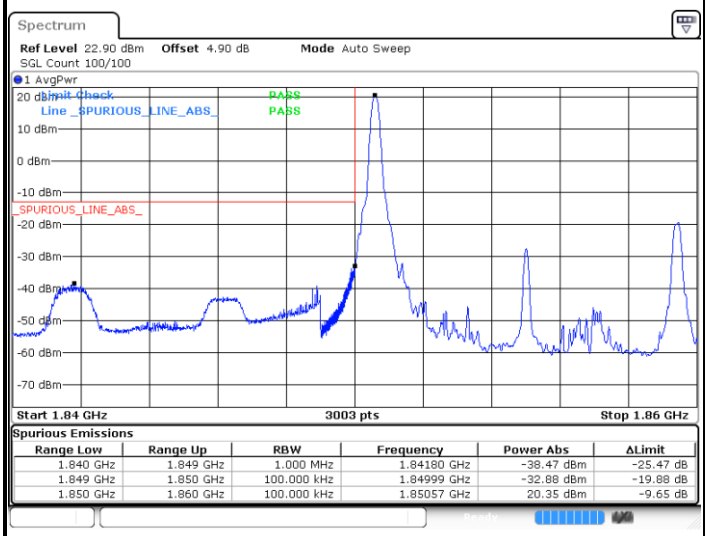
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90233 GHz	3.59 dBm	-26.41 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91000 GHz	-32.22 dBm	-19.22 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91109 GHz	-27.64 dBm	-14.64 dB

Date: 4.DEC.2019 13:19:49

LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

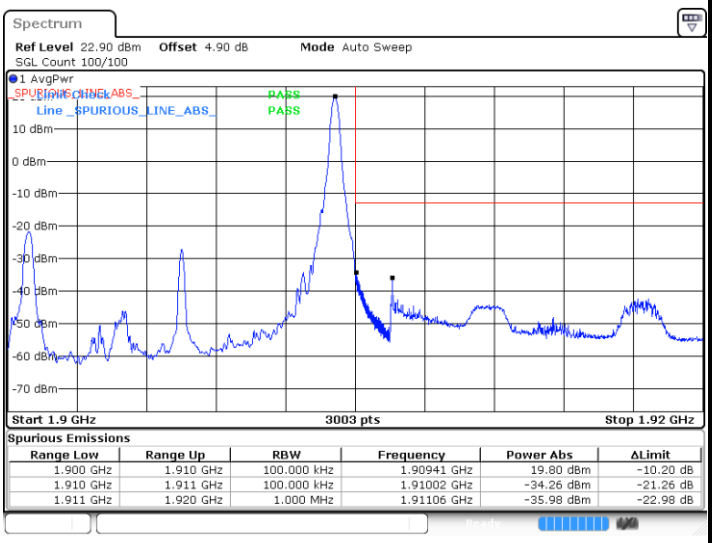


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84180 GHz	-38.47 dBm	-25.47 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-32.88 dBm	-19.88 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85057 GHz	20.35 dBm	-9.65 dB

Date: 4.DEC.2019 13:09:15

Highest Band Edge / 1 RB

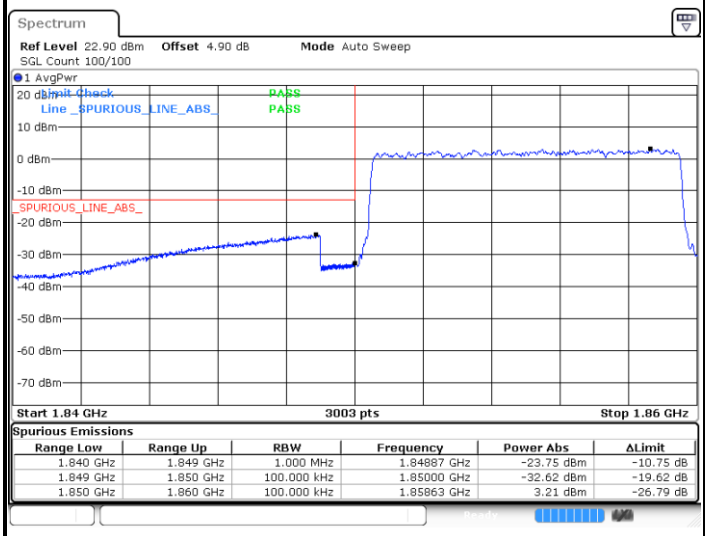


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90941 GHz	19.80 dBm	-10.20 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91002 GHz	-34.26 dBm	-21.26 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-35.98 dBm	-22.98 dB

Date: 4.DEC.2019 13:18:41

Lowest Band Edge / Full RB

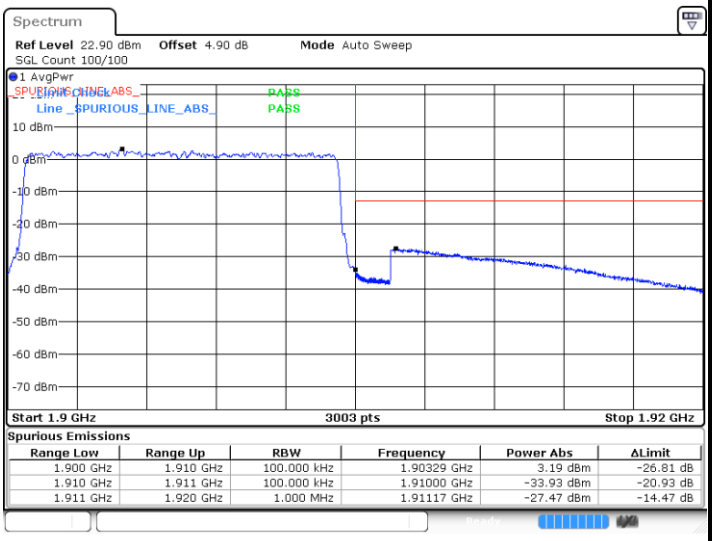


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84887 GHz	-23.75 dBm	-10.75 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-32.62 dBm	-19.62 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85863 GHz	3.21 dBm	-26.79 dB

Date: 4.DEC.2019 13:11:29

Highest Band Edge / Full RB



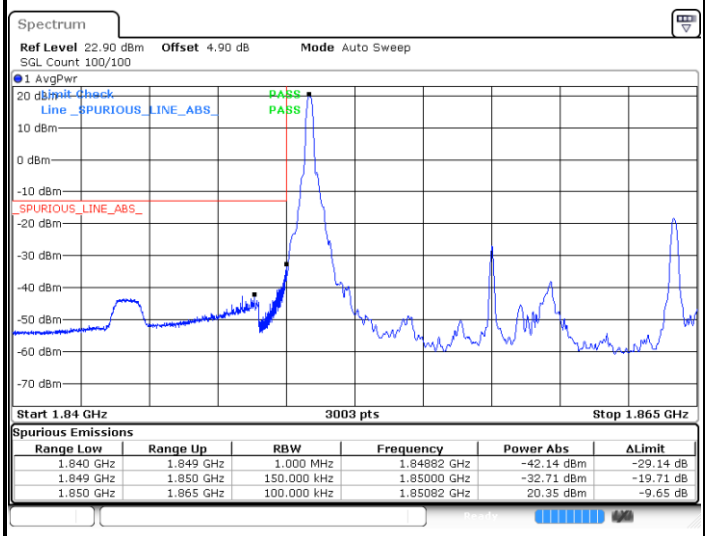
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90329 GHz	3.19 dBm	-26.81 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91000 GHz	-33.93 dBm	-20.93 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91117 GHz	-27.47 dBm	-14.47 dB

Date: 4.DEC.2019 13:20:56

LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB

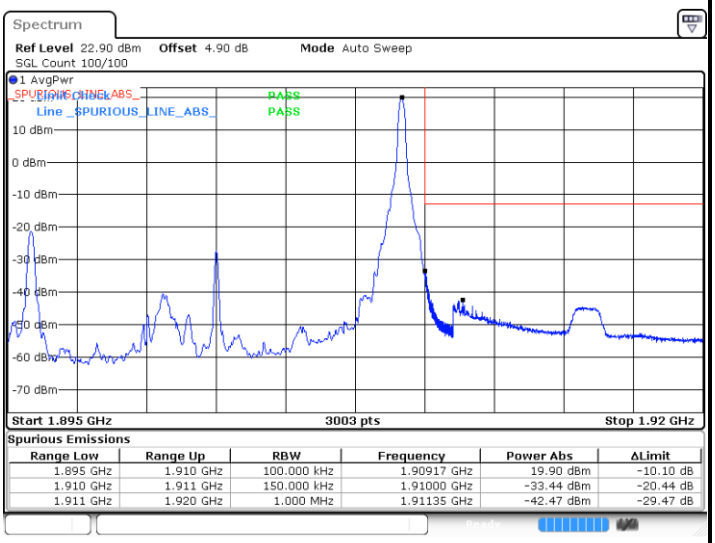


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84882 GHz	-42.14 dBm	-29.14 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.85000 GHz	-32.71 dBm	-19.71 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85082 GHz	20.35 dBm	-9.65 dB

Date: 4.DEC.2019 13:24:32

Highest Band Edge / 1 RB

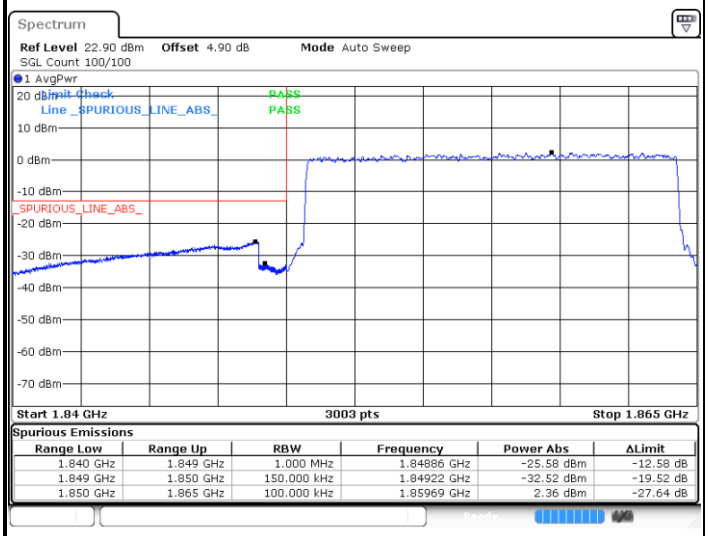


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90917 GHz	19.90 dBm	-10.10 dB
1.910 GHz	1.911 GHz	150.000 kHz	1.91000 GHz	-33.44 dBm	-20.44 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91135 GHz	-42.47 dBm	-29.47 dB

Date: 4.DEC.2019 13:33:58

Lowest Band Edge / Full RB

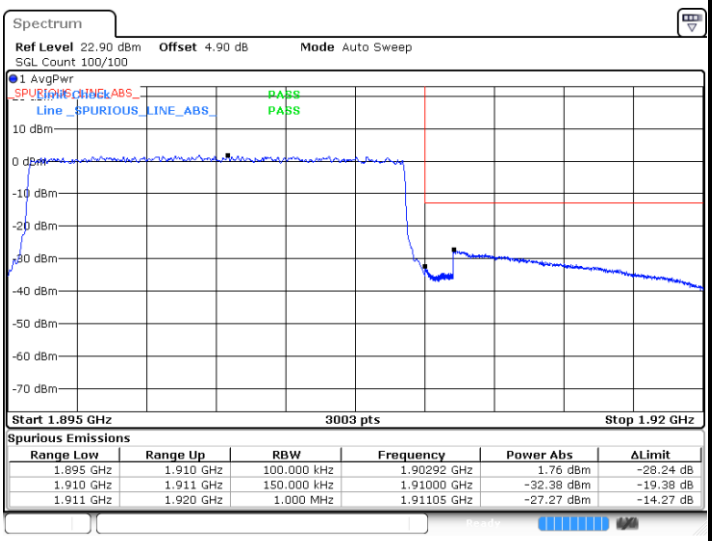


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84886 GHz	-25.58 dBm	-12.58 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.84922 GHz	-32.52 dBm	-19.52 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85969 GHz	2.36 dBm	-27.64 dB

Date: 4.DEC.2019 13:26:46

Highest Band Edge / Full RB



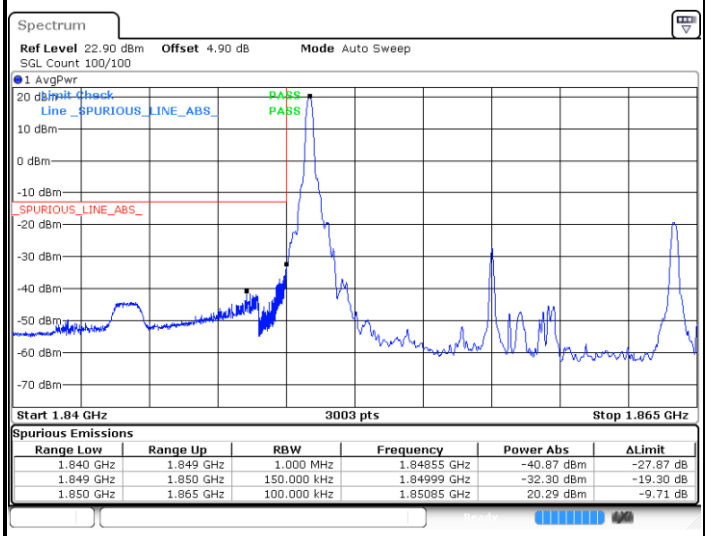
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90292 GHz	1.76 dBm	-28.24 dB
1.910 GHz	1.911 GHz	150.000 kHz	1.91000 GHz	-32.38 dBm	-19.38 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91105 GHz	-27.27 dBm	-14.27 dB

Date: 4.DEC.2019 13:36:12

LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

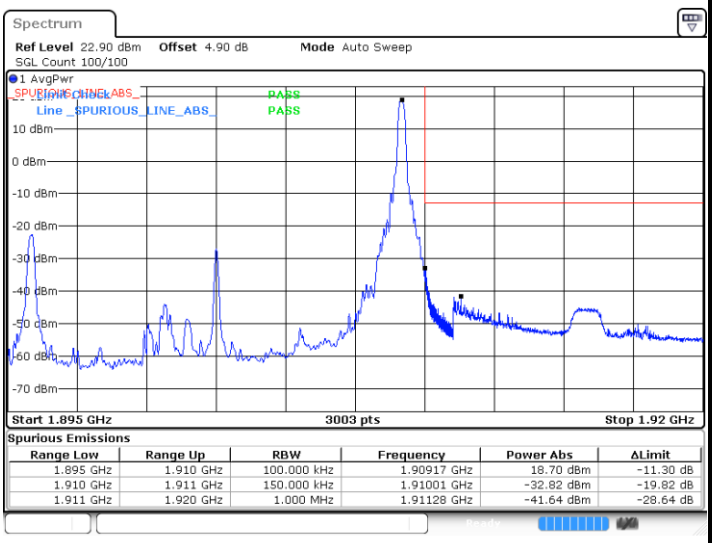


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84855 GHz	-40.87 dBm	-27.87 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.84999 GHz	-32.30 dBm	-19.30 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85085 GHz	20.29 dBm	-9.71 dB

Date: 4.DEC.2019 13:25:39

Highest Band Edge / 1 RB

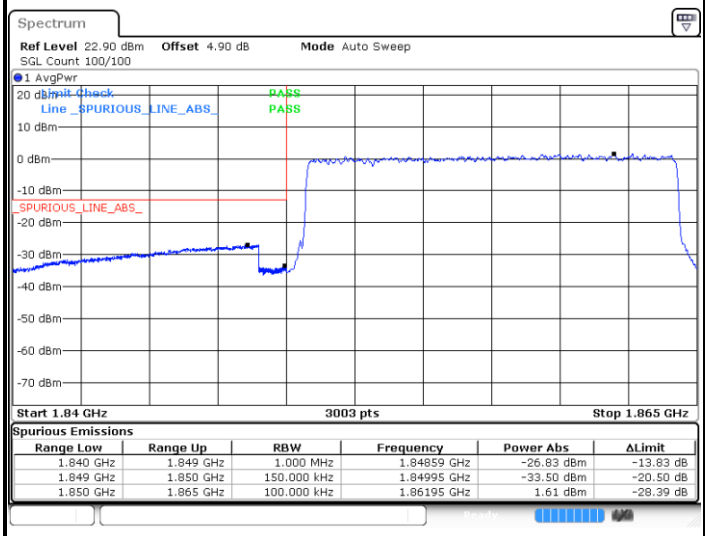


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90917 GHz	18.70 dBm	-11.30 dB
1.910 GHz	1.911 GHz	150.000 kHz	1.91001 GHz	-32.82 dBm	-19.82 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91128 GHz	-41.64 dBm	-28.64 dB

Date: 4.DEC.2019 13:35:05

Lowest Band Edge / Full RB

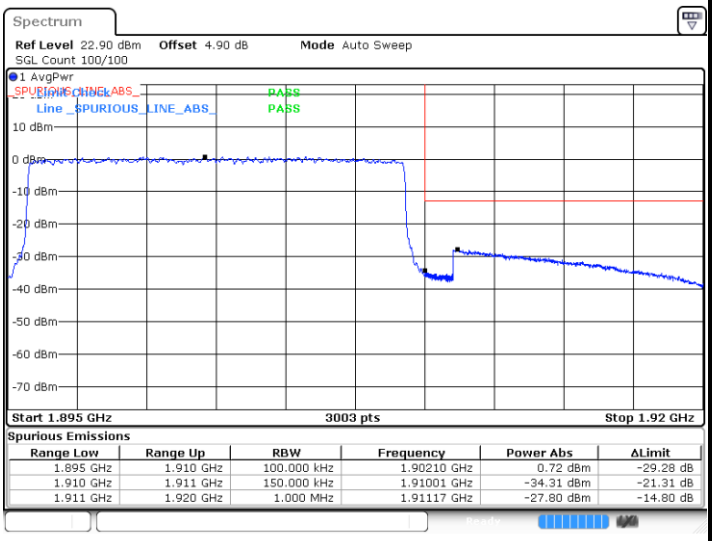


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84859 GHz	-26.83 dBm	-13.83 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.84995 GHz	-33.50 dBm	-20.50 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86195 GHz	1.61 dBm	-28.39 dB

Date: 4.DEC.2019 13:27:54

Highest Band Edge / Full RB



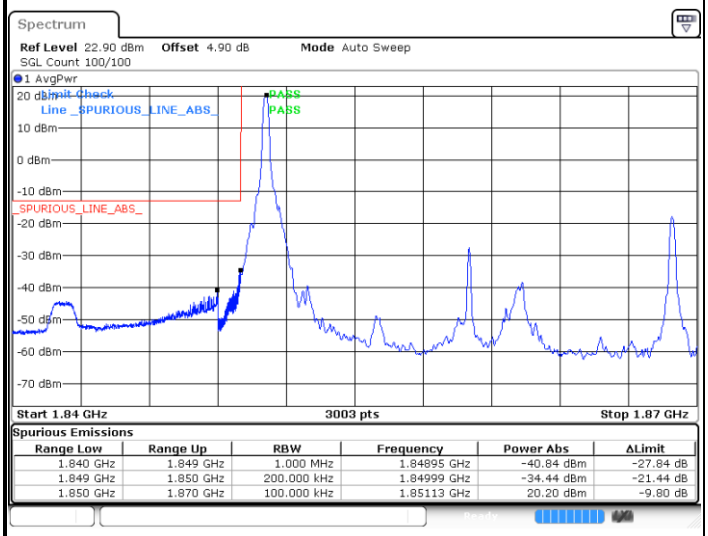
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90210 GHz	0.72 dBm	-29.28 dB
1.910 GHz	1.911 GHz	150.000 kHz	1.91001 GHz	-34.31 dBm	-21.31 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91117 GHz	-27.80 dBm	-14.80 dB

Date: 4.DEC.2019 13:37:19

LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB

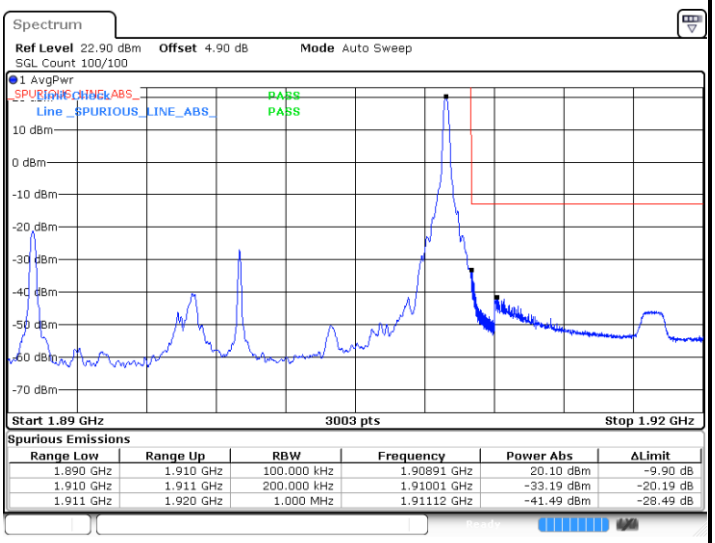


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-40.84 dBm	-27.84 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84999 GHz	-34.44 dBm	-21.44 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85113 GHz	20.20 dBm	-9.80 dB

Date: 4.DEC.2019 13:40:55

Highest Band Edge / 1 RB

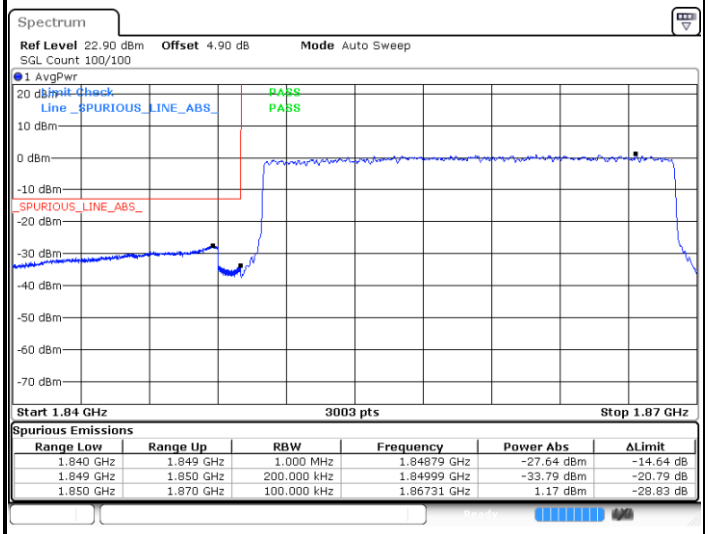


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90891 GHz	20.10 dBm	-9.90 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-33.19 dBm	-20.19 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91112 GHz	-41.49 dBm	-28.49 dB

Date: 4.DEC.2019 13:50:22

Lowest Band Edge / Full RB

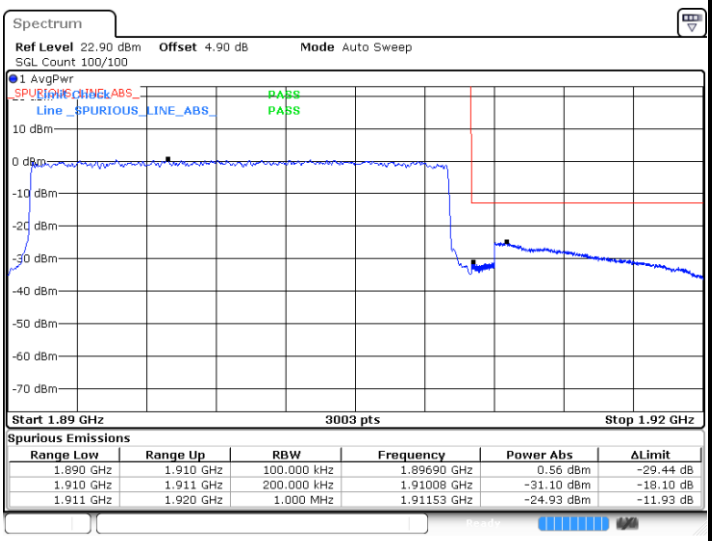


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84879 GHz	-27.64 dBm	-14.64 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84999 GHz	-33.79 dBm	-20.79 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86731 GHz	1.17 dBm	-28.83 dB

Date: 4.DEC.2019 13:43:10

Highest Band Edge / Full RB



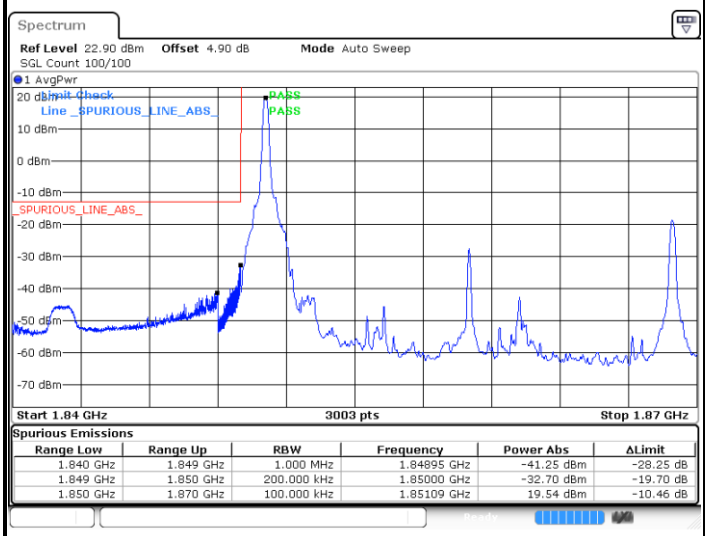
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89690 GHz	0.56 dBm	-29.44 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91008 GHz	-31.10 dBm	-18.10 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91153 GHz	-24.93 dBm	-11.93 dB

Date: 4.DEC.2019 13:52:36

LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

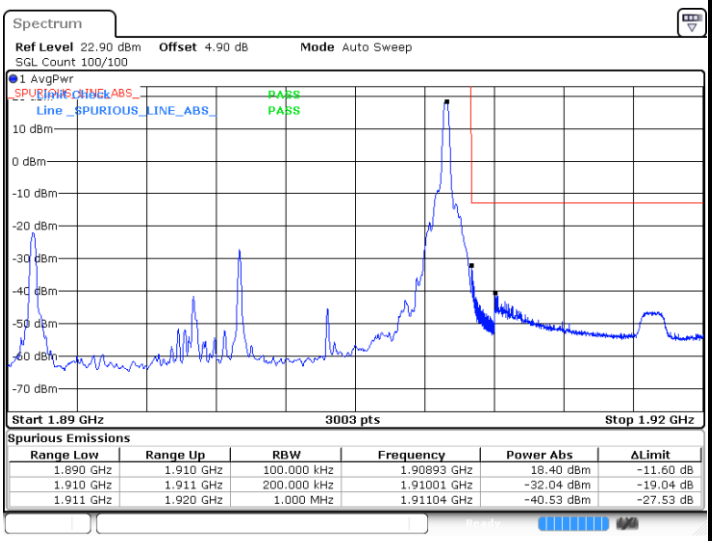


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-41.25 dBm	-28.25 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.85000 GHz	-32.70 dBm	-19.70 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85109 GHz	19.54 dBm	-10.46 dB

Date: 4.DEC.2019 13:42:02

Highest Band Edge / 1 RB

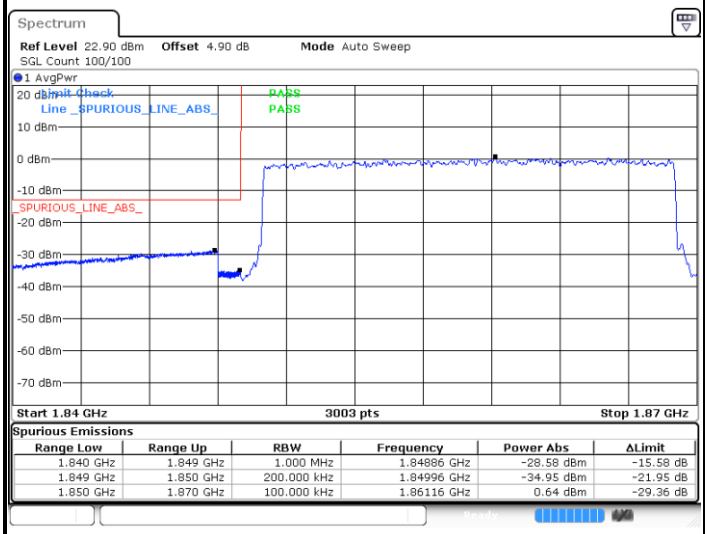


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90893 GHz	18.40 dBm	-11.60 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-32.04 dBm	-19.04 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91104 GHz	-40.53 dBm	-27.53 dB

Date: 4.DEC.2019 13:51:29

Lowest Band Edge / Full RB

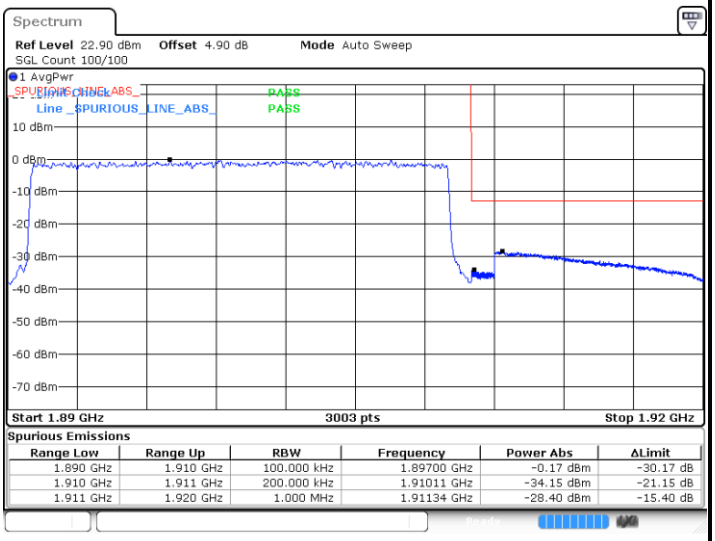


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84886 GHz	-28.58 dBm	-15.58 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84996 GHz	-34.95 dBm	-21.95 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86116 GHz	0.64 dBm	-29.36 dB

Date: 4.DEC.2019 13:44:17

Highest Band Edge / Full RB



Spurious Emissions

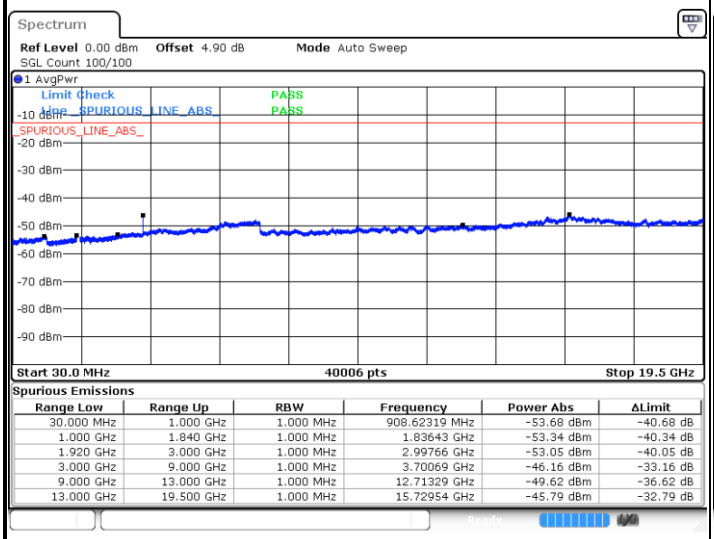
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89700 GHz	-0.17 dBm	-30.17 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91011 GHz	-34.15 dBm	-21.15 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91134 GHz	-28.40 dBm	-15.40 dB

Date: 4.DEC.2019 13:53:43

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

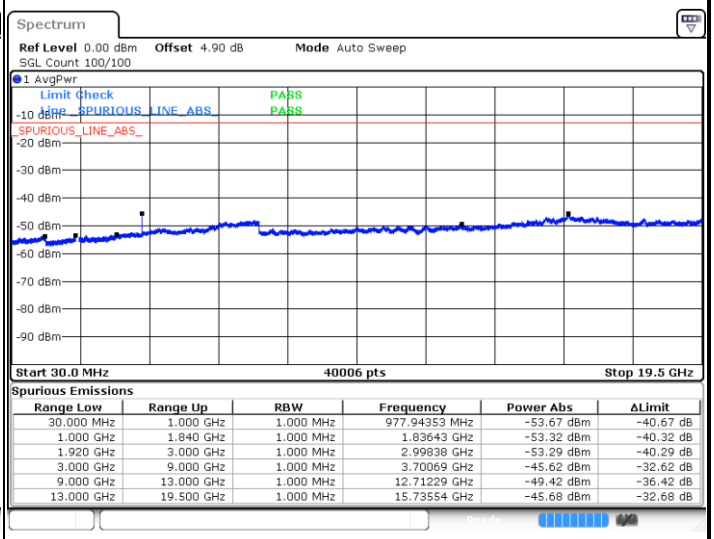


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-53.68 dBm	-40.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83643 GHz	-53.34 dBm	-40.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99766 GHz	-53.05 dBm	-40.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-46.16 dBm	-33.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71329 GHz	-49.62 dBm	-36.62 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72954 GHz	-45.79 dBm	-32.79 dB

Date: 4.DEC.2019 12:23:11

Lowest Channel / 16QAM

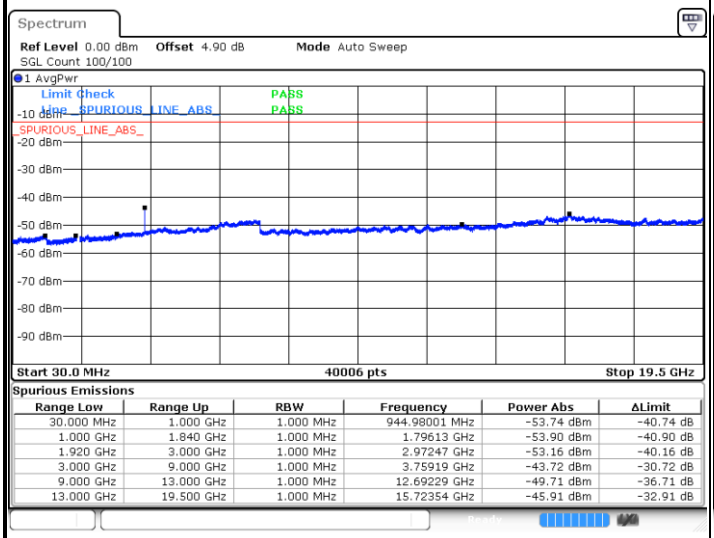


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-53.67 dBm	-40.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83643 GHz	-53.32 dBm	-40.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-53.29 dBm	-40.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.62 dBm	-32.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71229 GHz	-49.42 dBm	-36.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73554 GHz	-45.68 dBm	-32.68 dB

Date: 4.DEC.2019 12:24:05

Middle Channel / QPSK

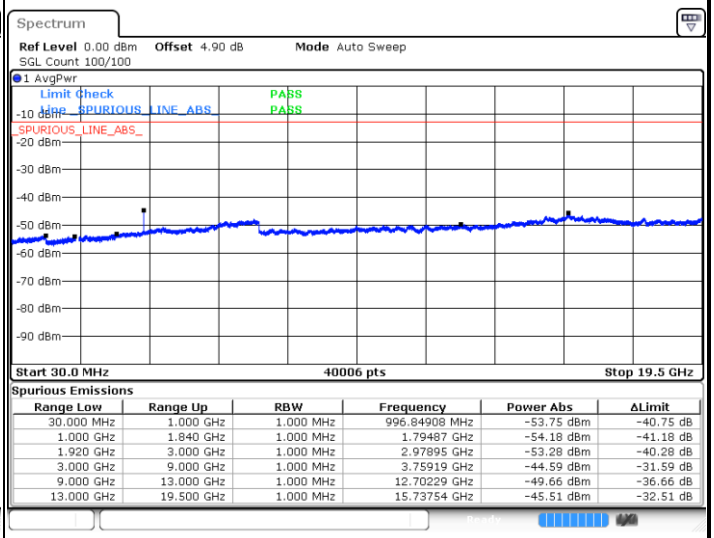


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-53.74 dBm	-40.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79613 GHz	-53.90 dBm	-40.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97247 GHz	-53.16 dBm	-40.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-43.72 dBm	-30.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69229 GHz	-49.71 dBm	-36.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72354 GHz	-45.91 dBm	-32.91 dB

Date: 4.DEC.2019 12:25:39

Middle Channel / 16QAM



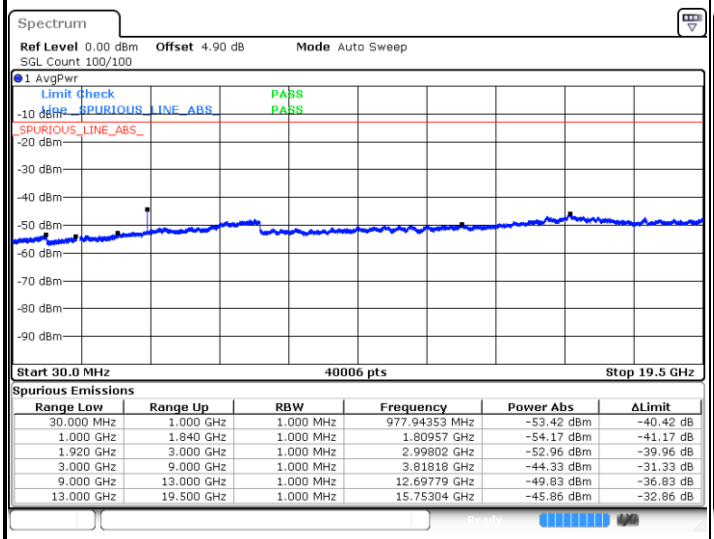
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-53.75 dBm	-40.75 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79487 GHz	-54.18 dBm	-41.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97895 GHz	-53.28 dBm	-40.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-44.59 dBm	-31.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70229 GHz	-49.66 dBm	-36.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73754 GHz	-45.51 dBm	-32.51 dB

Date: 4.DEC.2019 12:26:34

LTE Band 2 / 1.4MHz

Highest Channel / QPSK

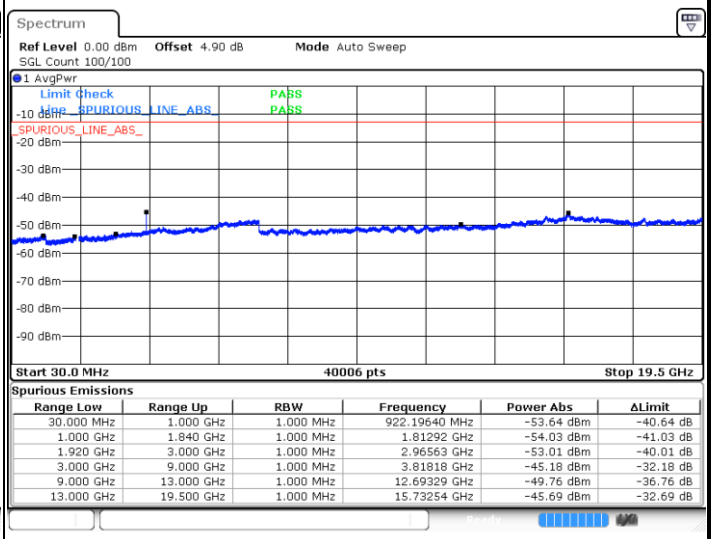


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-53.42 dBm	-40.42 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80957 GHz	-54.17 dBm	-41.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99802 GHz	-52.96 dBm	-39.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81818 GHz	-44.33 dBm	-31.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69779 GHz	-49.83 dBm	-36.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75304 GHz	-45.86 dBm	-32.86 dB

Date: 4.DEC.2019 12:32:37

Highest Channel / 16QAM



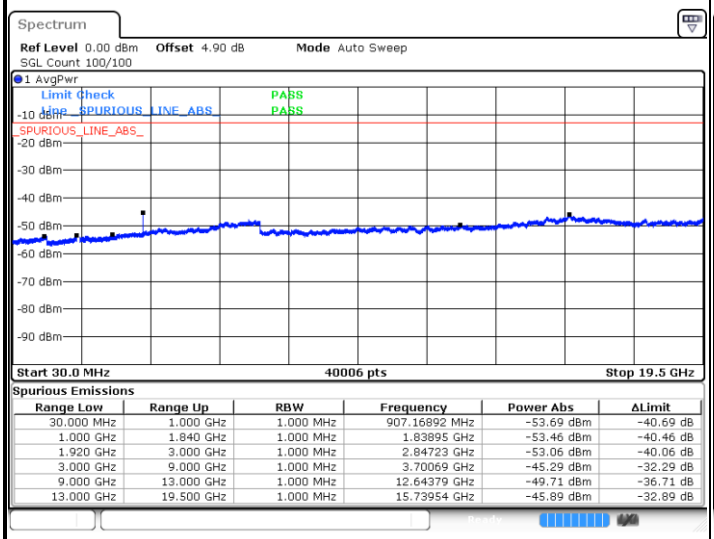
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.19640 MHz	-53.64 dBm	-40.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81292 GHz	-54.03 dBm	-41.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96563 GHz	-53.01 dBm	-40.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81818 GHz	-45.18 dBm	-32.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69329 GHz	-49.76 dBm	-36.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73254 GHz	-45.69 dBm	-32.69 dB

Date: 4.DEC.2019 12:33:32

LTE Band 2 / 3MHz

Lowest Channel / QPSK

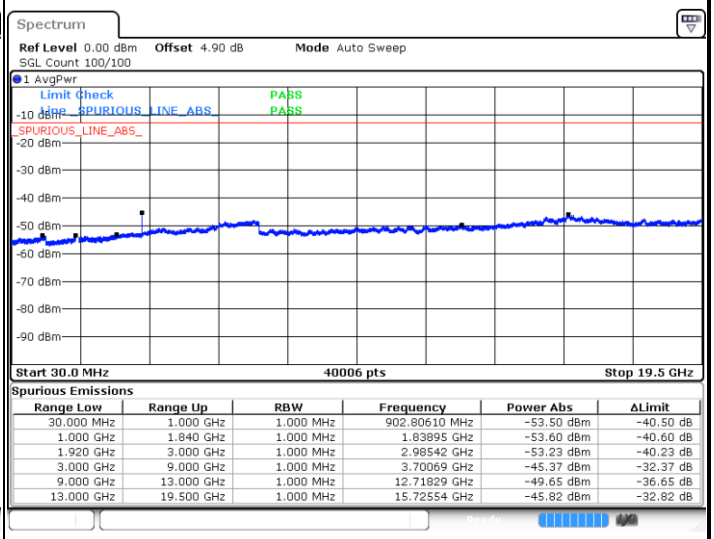


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-53.69 dBm	-40.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-53.46 dBm	-40.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84723 GHz	-53.06 dBm	-40.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.29 dBm	-32.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64379 GHz	-49.71 dBm	-36.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73954 GHz	-45.89 dBm	-32.89 dB

Date: 4.DEC.2019 12:39:35

Lowest Channel / 16QAM



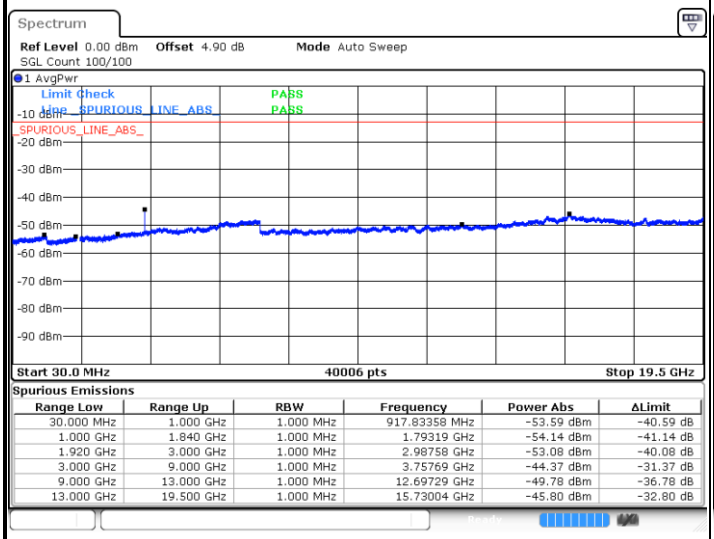
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-53.50 dBm	-40.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-53.60 dBm	-40.60 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98542 GHz	-53.23 dBm	-40.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.37 dBm	-32.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71829 GHz	-49.65 dBm	-36.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72554 GHz	-45.82 dBm	-32.82 dB

Date: 4.DEC.2019 12:40:29

LTE Band 2 / 3MHz

Middle Channel / QPSK

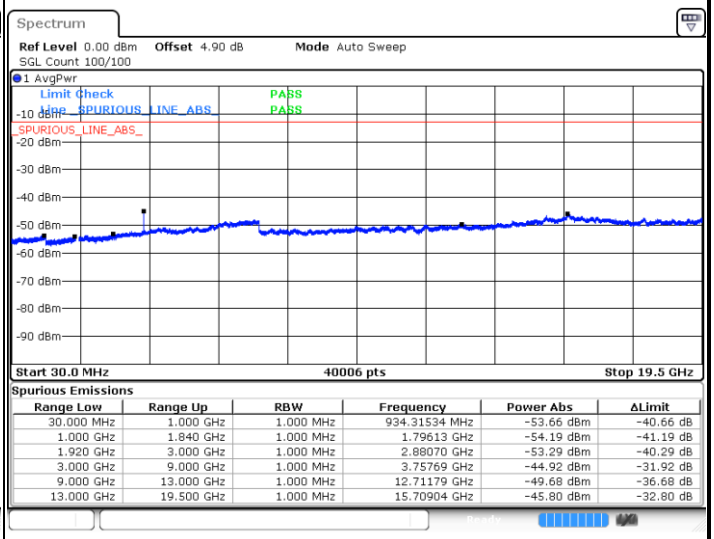


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-53.59 dBm	-40.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79319 GHz	-54.14 dBm	-41.14 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98758 GHz	-53.08 dBm	-40.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-44.37 dBm	-31.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-49.78 dBm	-36.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73004 GHz	-45.80 dBm	-32.80 dB

Date: 4.DEC.2019 12:42:03

Middle Channel / 16QAM

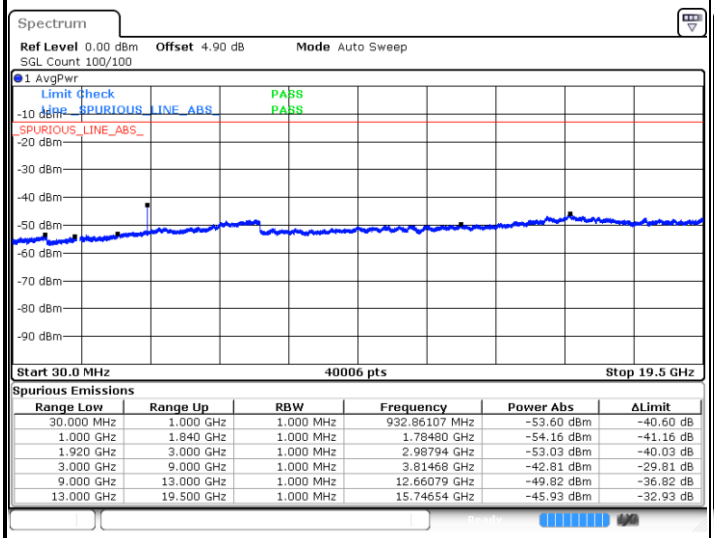


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.31534 MHz	-53.66 dBm	-40.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79613 GHz	-54.19 dBm	-41.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.88070 GHz	-53.29 dBm	-40.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-44.92 dBm	-31.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71179 GHz	-49.68 dBm	-36.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.70904 GHz	-45.80 dBm	-32.80 dB

Date: 4.DEC.2019 12:42:58

Highest Channel / QPSK

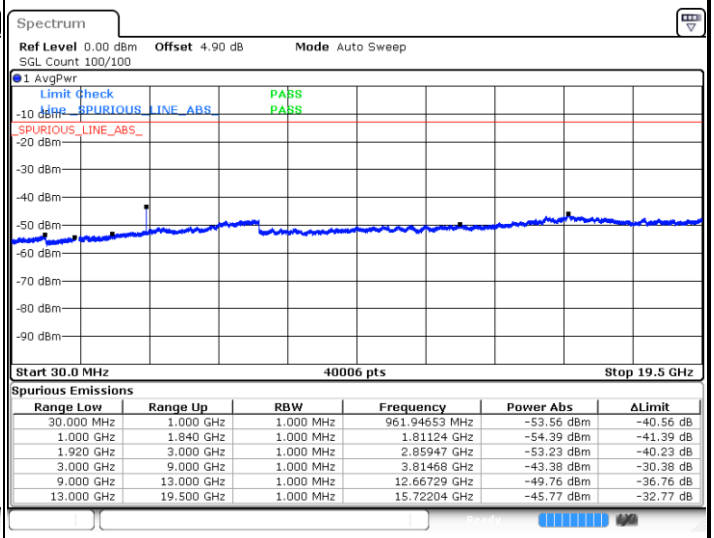


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-53.60 dBm	-40.60 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78480 GHz	-54.16 dBm	-41.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98794 GHz	-53.03 dBm	-40.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81468 GHz	-42.81 dBm	-29.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66079 GHz	-49.82 dBm	-36.82 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74654 GHz	-45.93 dBm	-32.93 dB

Date: 4.DEC.2019 12:49:01

Highest Channel / 16QAM



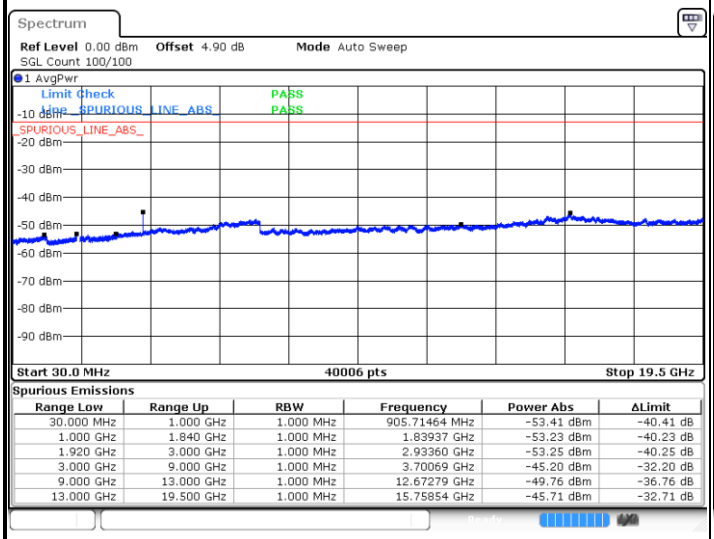
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-53.56 dBm	-40.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81124 GHz	-54.39 dBm	-41.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85947 GHz	-53.23 dBm	-40.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81468 GHz	-43.38 dBm	-30.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66729 GHz	-49.76 dBm	-36.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72204 GHz	-45.77 dBm	-32.77 dB

Date: 4.DEC.2019 12:49:56

LTE Band 2 / 5MHz

Lowest Channel / QPSK

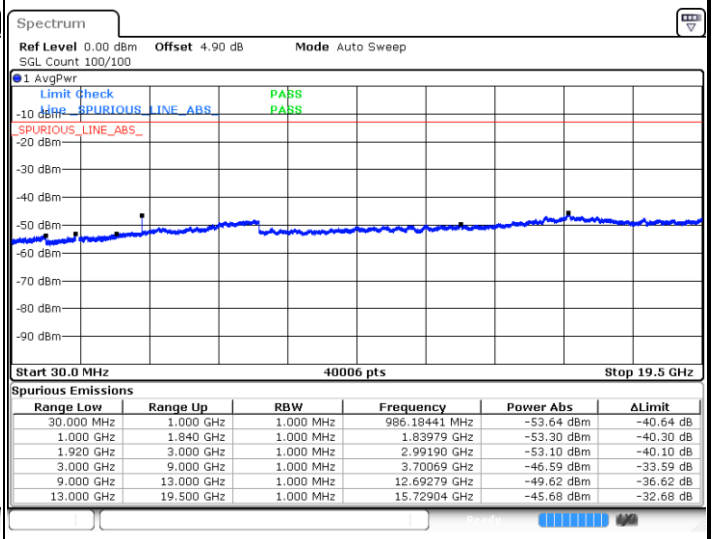


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.71464 MHz	-53.41 dBm	-40.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-53.23 dBm	-40.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93360 GHz	-53.25 dBm	-40.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.20 dBm	-32.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67279 GHz	-49.76 dBm	-36.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75854 GHz	-45.71 dBm	-32.71 dB

Date: 4.DEC.2019 12:55:59

Lowest Channel / 16QAM

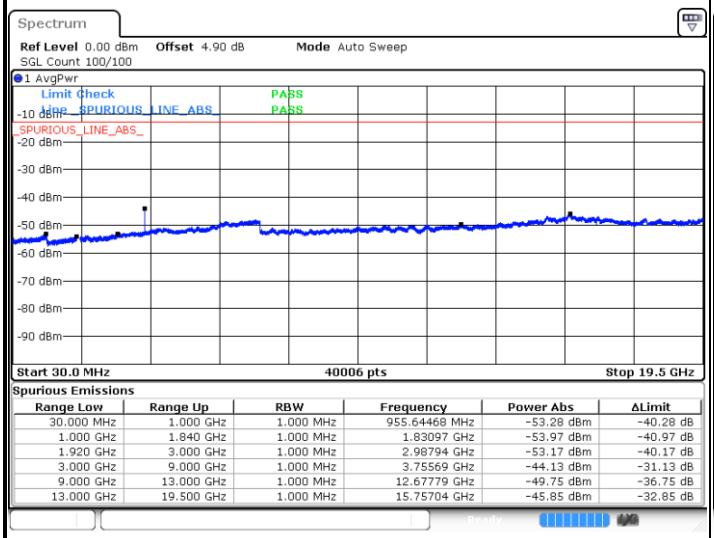


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-53.64 dBm	-40.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.30 dBm	-40.30 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99190 GHz	-53.10 dBm	-40.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-46.59 dBm	-33.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-49.62 dBm	-36.62 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72904 GHz	-45.68 dBm	-32.68 dB

Date: 4.DEC.2019 12:56:53

Middle Channel / QPSK

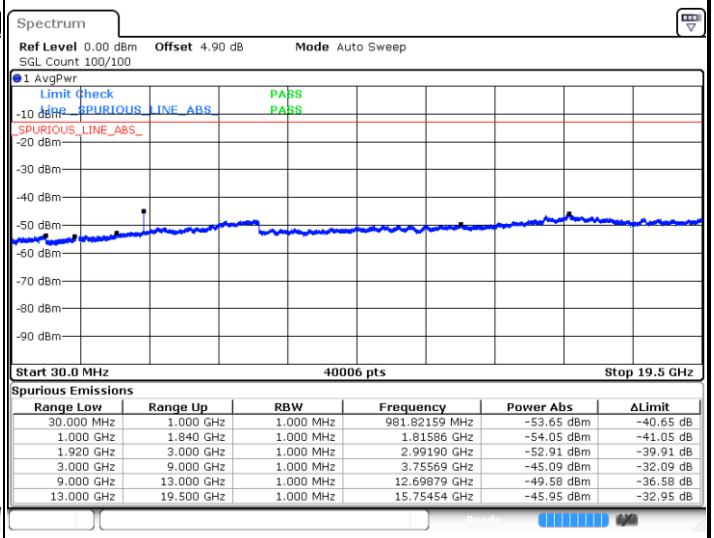


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-53.28 dBm	-40.28 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-53.97 dBm	-40.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98794 GHz	-53.17 dBm	-40.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-44.13 dBm	-31.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67779 GHz	-49.75 dBm	-36.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75704 GHz	-45.85 dBm	-32.85 dB

Date: 4.DEC.2019 12:58:27

Middle Channel / 16QAM



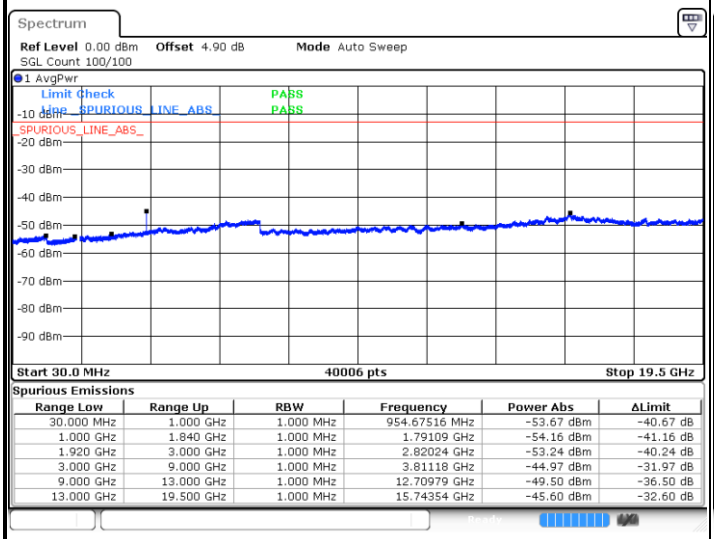
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-53.65 dBm	-40.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81586 GHz	-54.05 dBm	-41.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99190 GHz	-52.91 dBm	-39.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-45.09 dBm	-32.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69879 GHz	-49.58 dBm	-36.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75454 GHz	-45.95 dBm	-32.95 dB

Date: 4.DEC.2019 12:59:22

LTE Band 2 / 5MHz

Highest Channel / QPSK

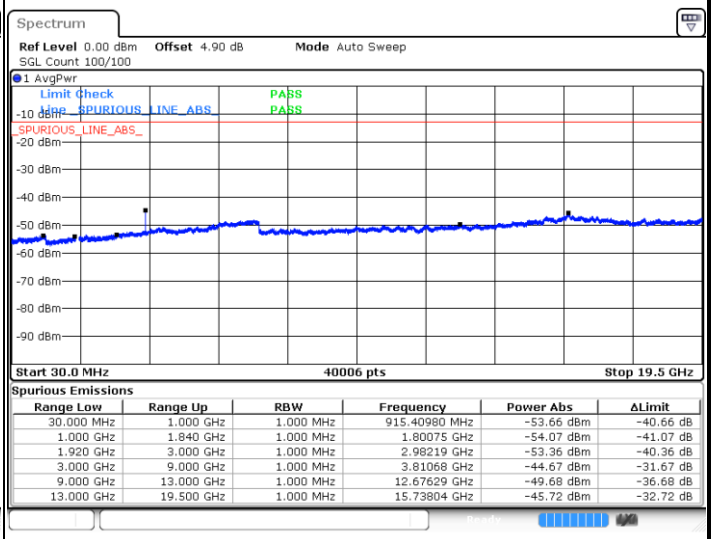


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-53.67 dBm	-40.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79109 GHz	-54.16 dBm	-41.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82024 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81118 GHz	-44.97 dBm	-31.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70979 GHz	-49.50 dBm	-36.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74354 GHz	-45.60 dBm	-32.60 dB

Date: 4.DEC.2019 13:05:25

Highest Channel / 16QAM



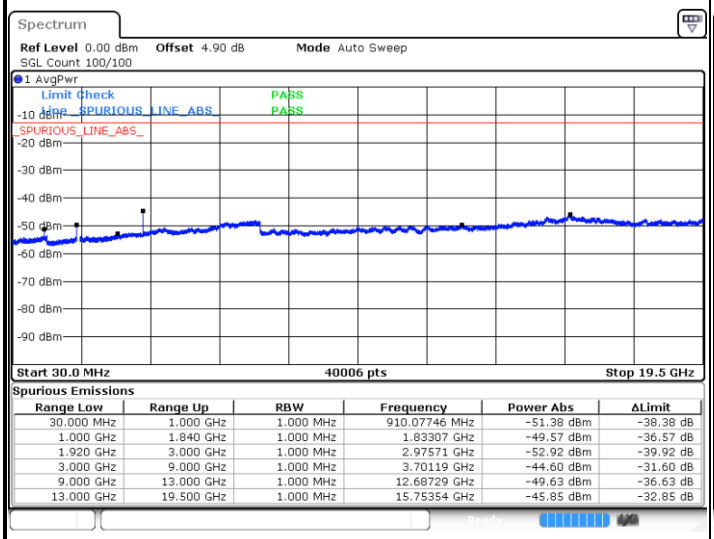
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-53.66 dBm	-40.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80075 GHz	-54.07 dBm	-41.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98219 GHz	-53.36 dBm	-40.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-44.67 dBm	-31.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67629 GHz	-49.68 dBm	-36.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73804 GHz	-45.72 dBm	-32.72 dB

Date: 4.DEC.2019 13:06:19

LTE Band 2 / 10MHz

Lowest Channel / QPSK

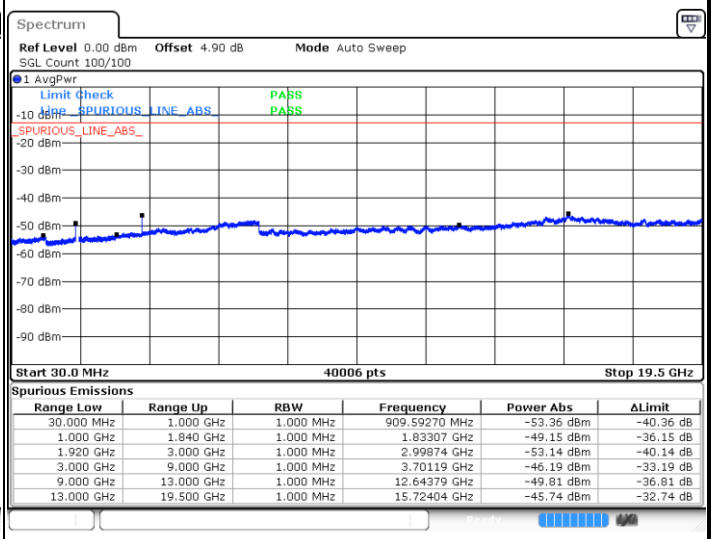


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-51.38 dBm	-38.38 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-49.57 dBm	-36.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97571 GHz	-52.92 dBm	-39.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-44.60 dBm	-31.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68729 GHz	-49.63 dBm	-36.63 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75354 GHz	-45.85 dBm	-32.85 dB

Date: 4.DEC.2019 13:12:23

Lowest Channel / 16QAM



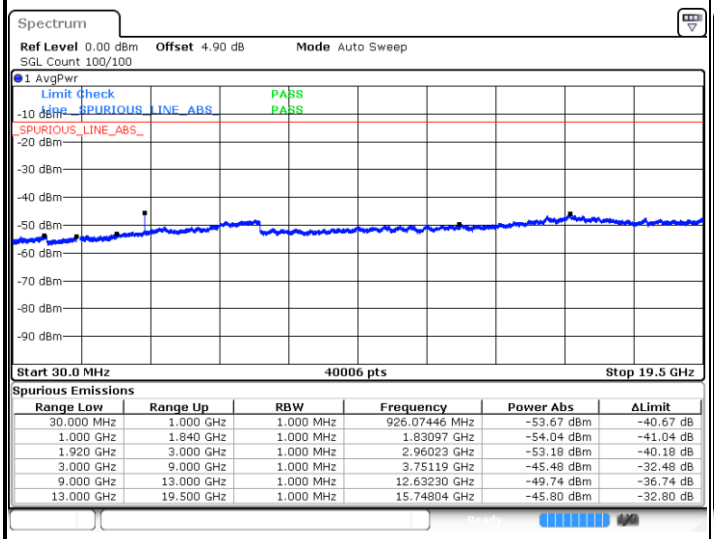
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-53.36 dBm	-40.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-49.15 dBm	-36.15 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99874 GHz	-53.14 dBm	-40.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-46.19 dBm	-33.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64379 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72404 GHz	-45.74 dBm	-32.74 dB

Date: 4.DEC.2019 13:13:17

LTE Band 2 / 10MHz

Middle Channel / QPSK

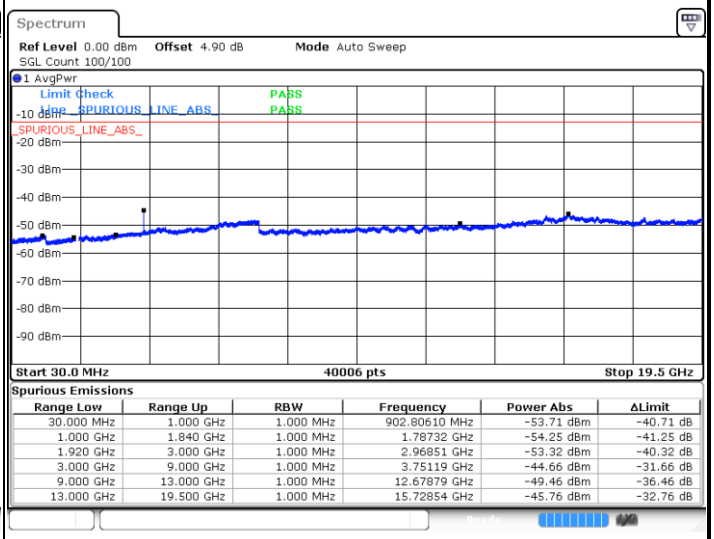


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-53.67 dBm	-40.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-54.04 dBm	-41.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96023 GHz	-53.18 dBm	-40.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-45.48 dBm	-32.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63230 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74804 GHz	-45.80 dBm	-32.80 dB

Date: 4.DEC.2019 13:14:51

Middle Channel / 16QAM

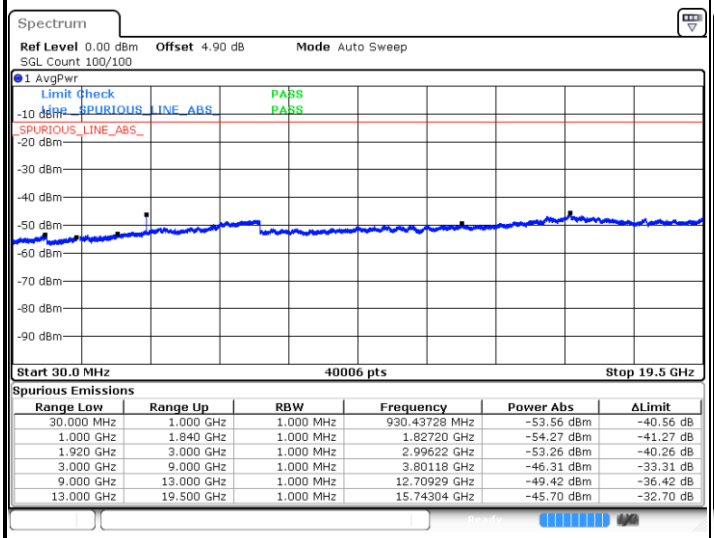


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-53.71 dBm	-40.71 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78732 GHz	-54.25 dBm	-41.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96851 GHz	-53.32 dBm	-40.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-44.66 dBm	-31.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67879 GHz	-49.46 dBm	-36.46 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72854 GHz	-45.76 dBm	-32.76 dB

Date: 4.DEC.2019 13:15:46

Highest Channel / QPSK

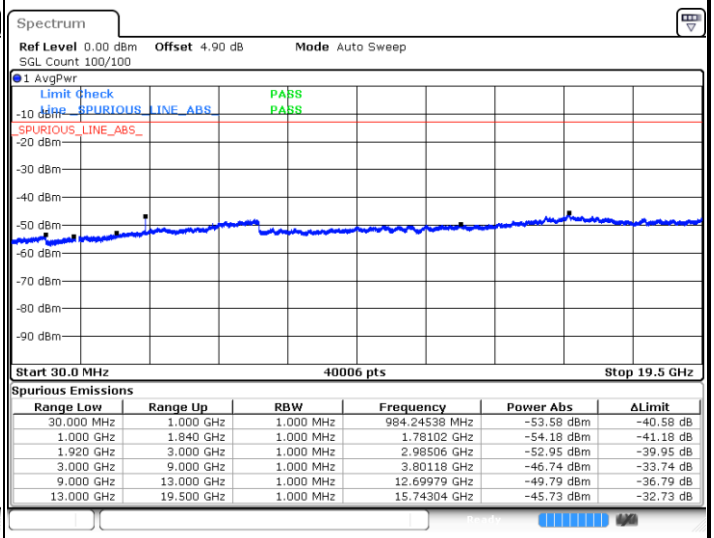


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.43728 MHz	-53.56 dBm	-40.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82720 GHz	-54.27 dBm	-41.27 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99622 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-46.31 dBm	-33.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70929 GHz	-49.42 dBm	-36.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74304 GHz	-45.70 dBm	-32.70 dB

Date: 4.DEC.2019 13:21:49

Highest Channel / 16QAM



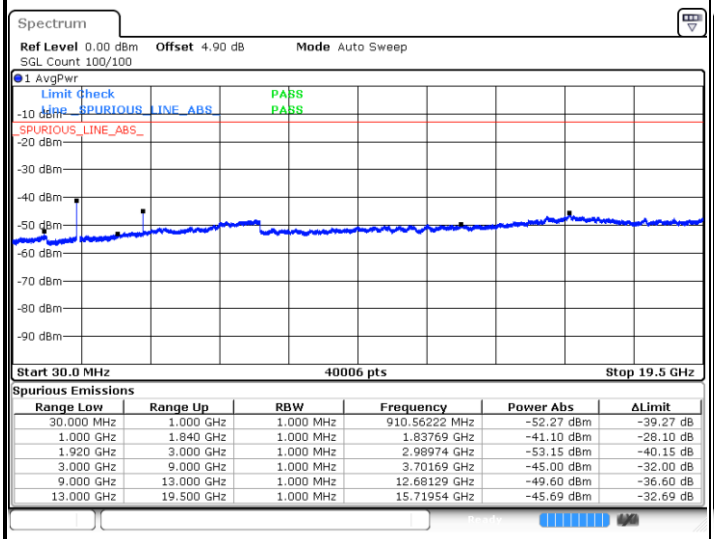
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-53.58 dBm	-40.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78102 GHz	-54.18 dBm	-41.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98506 GHz	-52.95 dBm	-39.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-46.74 dBm	-33.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-49.79 dBm	-36.79 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74304 GHz	-45.73 dBm	-32.73 dB

Date: 4.DEC.2019 13:22:44

LTE Band 2 / 15MHz

Lowest Channel / QPSK

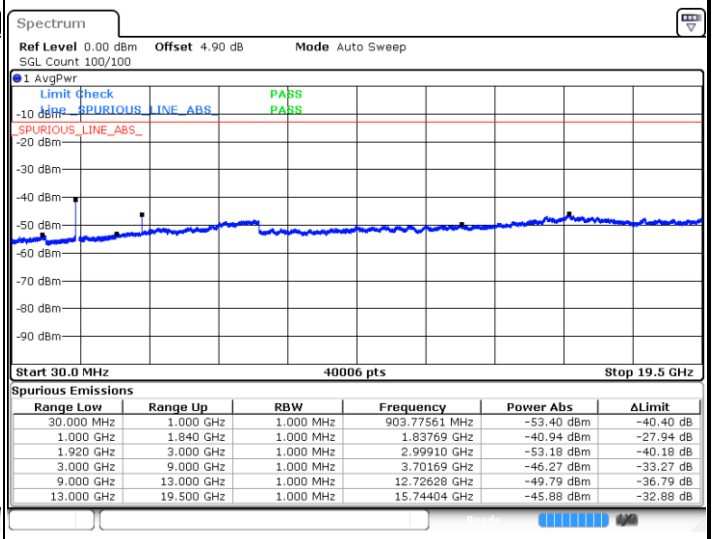


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.56222 MHz	-52.27 dBm	-39.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-41.10 dBm	-28.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-53.15 dBm	-40.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-45.00 dBm	-32.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68129 GHz	-49.60 dBm	-36.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71954 GHz	-45.69 dBm	-32.69 dB

Date: 4.DEC.2019 13:28:47

Lowest Channel / 16QAM

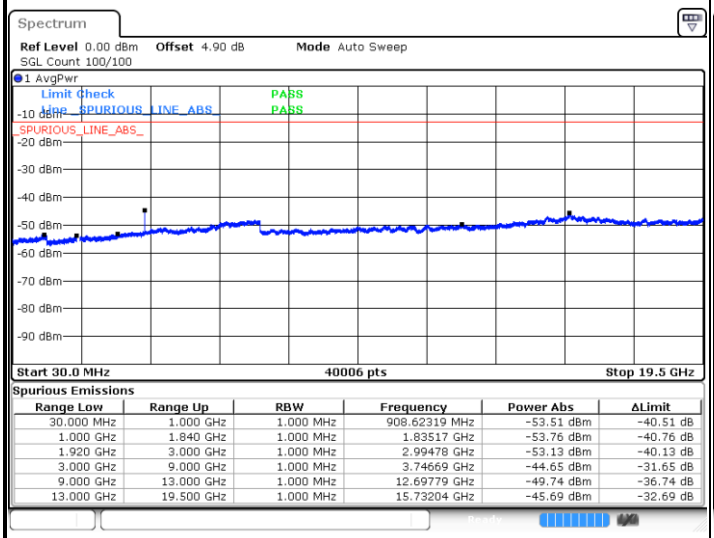


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-53.40 dBm	-40.40 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-40.94 dBm	-27.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99910 GHz	-53.18 dBm	-40.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-46.27 dBm	-33.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72628 GHz	-49.79 dBm	-36.79 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74404 GHz	-45.88 dBm	-32.88 dB

Date: 4.DEC.2019 13:29:41

Middle Channel / QPSK

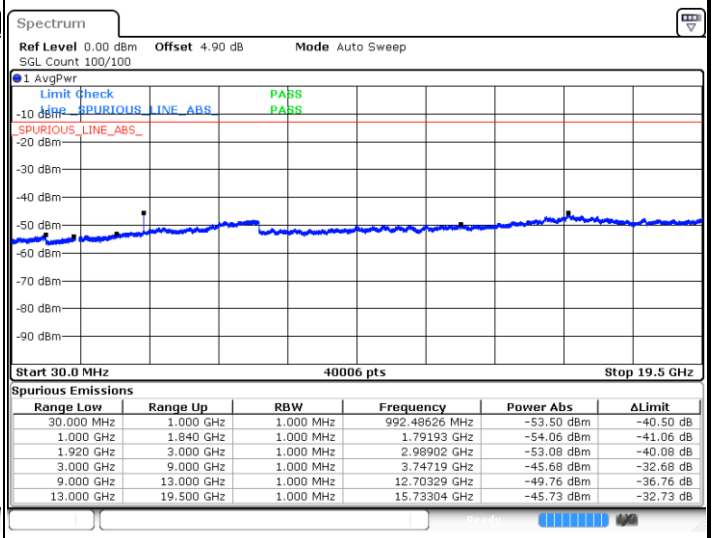


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-53.51 dBm	-40.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83517 GHz	-53.76 dBm	-40.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99478 GHz	-53.13 dBm	-40.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-44.65 dBm	-31.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69779 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73204 GHz	-45.69 dBm	-32.69 dB

Date: 4.DEC.2019 13:31:15

Middle Channel / 16QAM



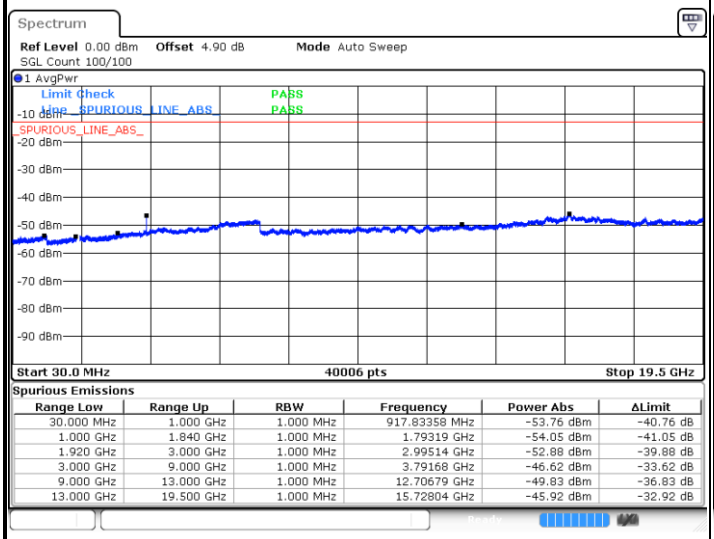
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-53.50 dBm	-40.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79193 GHz	-54.06 dBm	-41.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98902 GHz	-53.08 dBm	-40.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74719 GHz	-45.68 dBm	-32.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70329 GHz	-49.76 dBm	-36.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73304 GHz	-45.73 dBm	-32.73 dB

Date: 4.DEC.2019 13:32:10

LTE Band 2 / 15MHz

Highest Channel / QPSK

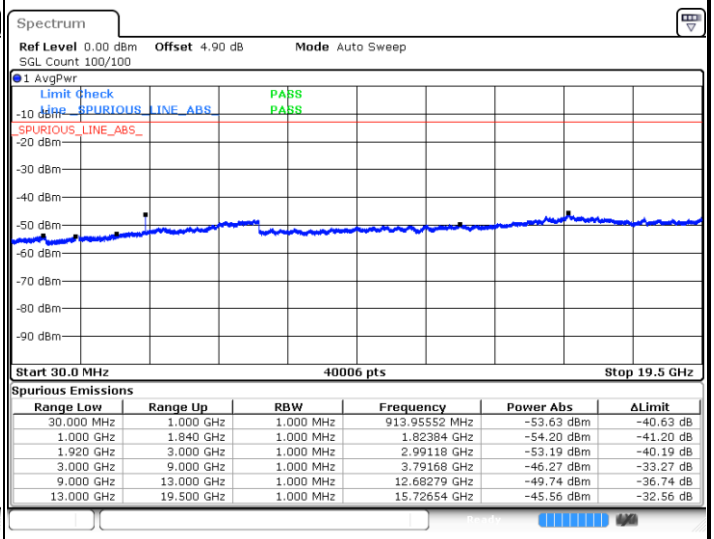


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-53.76 dBm	-40.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79319 GHz	-54.05 dBm	-41.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99514 GHz	-52.88 dBm	-39.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-46.62 dBm	-33.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70679 GHz	-49.83 dBm	-36.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72804 GHz	-45.92 dBm	-32.92 dB

Date: 4.DEC.2019 13:38:13

Highest Channel / 16QAM



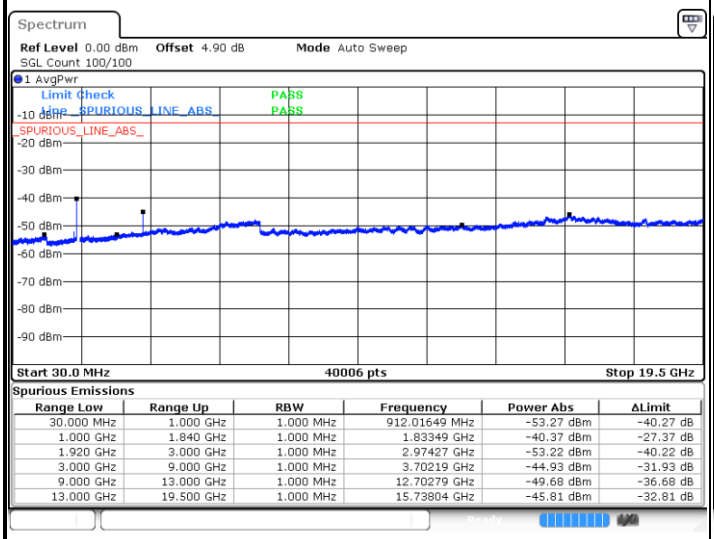
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.95552 MHz	-53.63 dBm	-40.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82384 GHz	-54.20 dBm	-41.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99118 GHz	-53.19 dBm	-40.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-46.27 dBm	-33.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68279 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72654 GHz	-45.56 dBm	-32.56 dB

Date: 4.DEC.2019 13:39:07

LTE Band 2 / 20MHz

Lowest Channel / QPSK

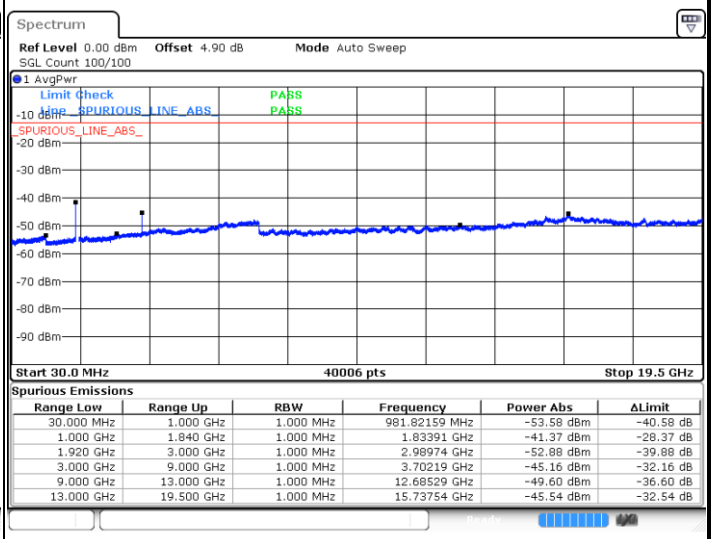


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-53.27 dBm	-40.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-40.37 dBm	-27.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97427 GHz	-53.22 dBm	-40.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-44.93 dBm	-31.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70279 GHz	-49.68 dBm	-36.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73804 GHz	-45.81 dBm	-32.81 dB

Date: 4.DEC.2019 13:45:10

Lowest Channel / 16QAM



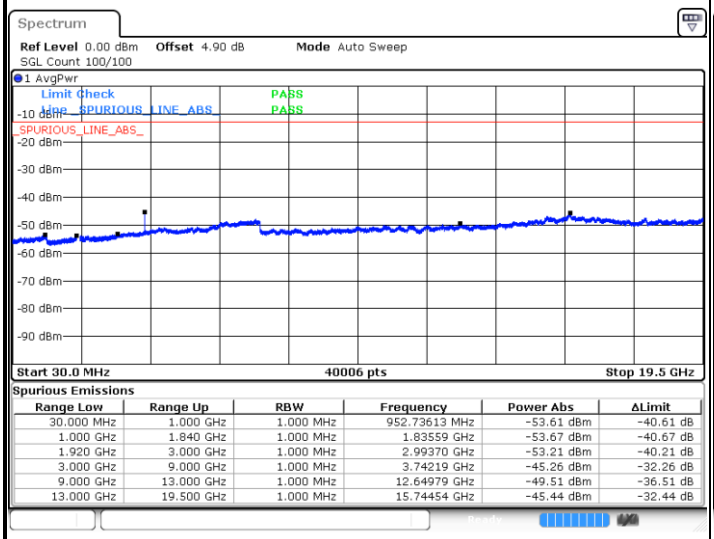
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-53.58 dBm	-40.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-41.37 dBm	-28.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-52.88 dBm	-39.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-45.16 dBm	-32.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68529 GHz	-49.60 dBm	-36.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73754 GHz	-45.54 dBm	-32.54 dB

Date: 4.DEC.2019 13:46:05

LTE Band 2 / 20MHz

Middle Channel / QPSK

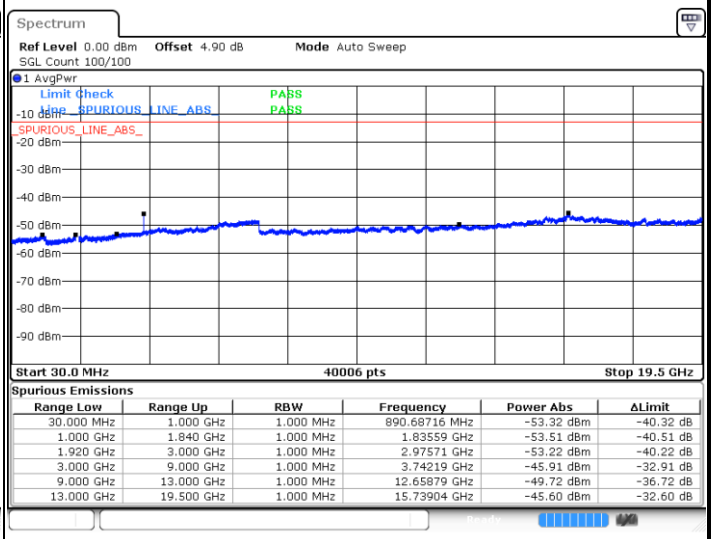


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-53.67 dBm	-40.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99370 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-45.26 dBm	-32.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64979 GHz	-49.51 dBm	-36.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74454 GHz	-45.44 dBm	-32.44 dB

Date: 4.DEC.2019 13:47:39

Middle Channel / 16QAM

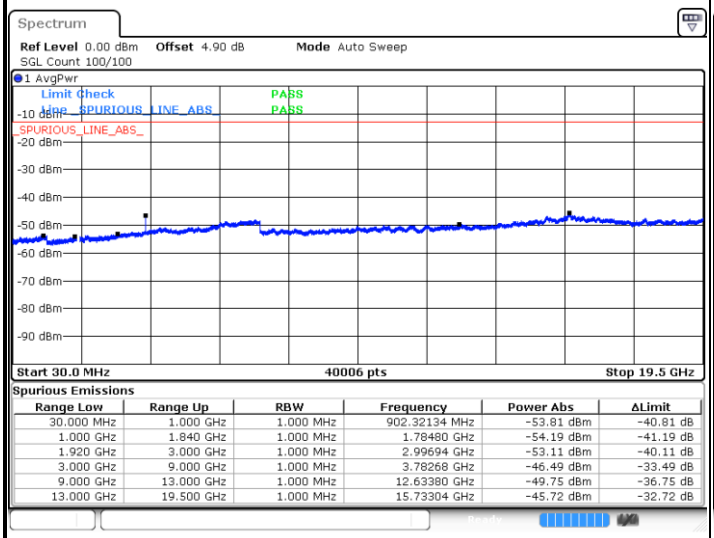


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-53.32 dBm	-40.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-53.51 dBm	-40.51 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97571 GHz	-53.22 dBm	-40.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-45.91 dBm	-32.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65879 GHz	-49.72 dBm	-36.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73904 GHz	-45.60 dBm	-32.60 dB

Date: 4.DEC.2019 13:48:33

Highest Channel / QPSK

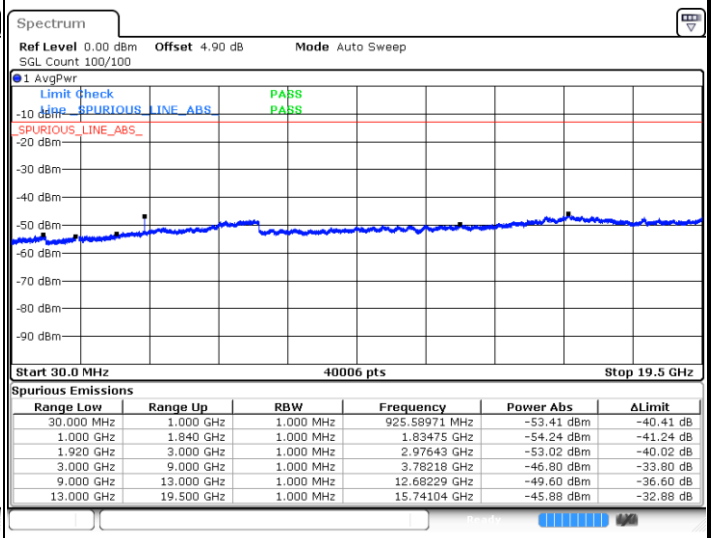


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.32134 MHz	-53.81 dBm	-40.81 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78480 GHz	-54.19 dBm	-41.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-53.11 dBm	-40.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78268 GHz	-46.49 dBm	-33.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63380 GHz	-49.75 dBm	-36.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73304 GHz	-45.72 dBm	-32.72 dB

Date: 4.DEC.2019 13:54:37

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-53.41 dBm	-40.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83475 GHz	-54.24 dBm	-41.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97643 GHz	-53.02 dBm	-40.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-46.80 dBm	-33.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68229 GHz	-49.60 dBm	-36.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74104 GHz	-45.88 dBm	-32.88 dB

Date: 4.DEC.2019 13:55:31

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

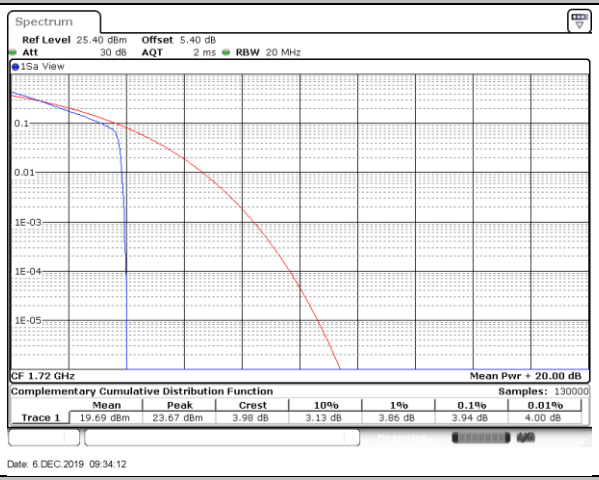
LTE Band 4

Peak-to-Average Ratio

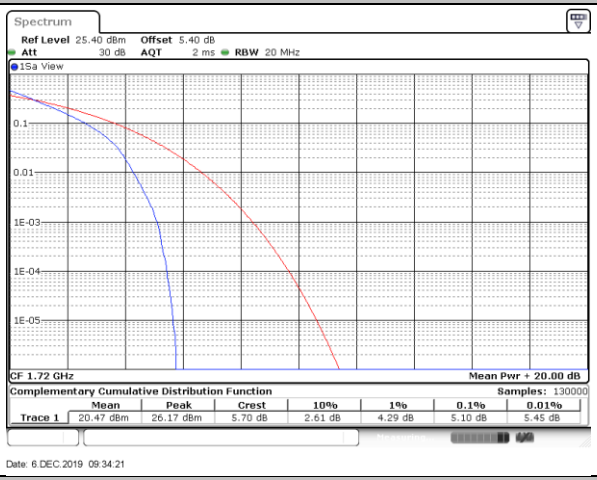
Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.94	5.10	5.25	6.46	PASS
Middle CH	4.14	4.43	5.88	5.77	
Highest CH	3.36	4.70	4.70	5.97	

LTE Band 4 / 20MHz / QPSK

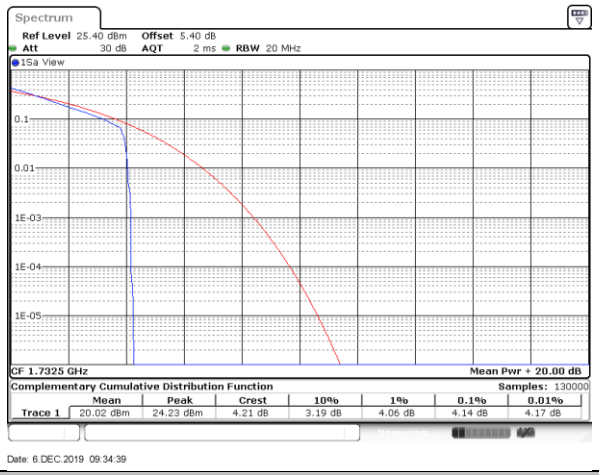
Lowest Channel / 1RB



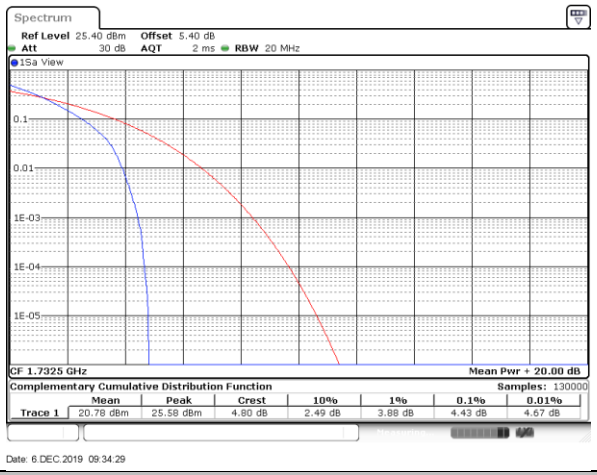
Lowest Channel / Full RB



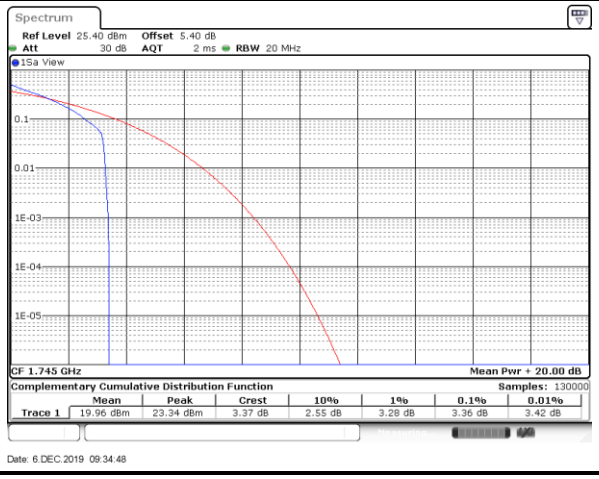
Middle Channel / 1RB



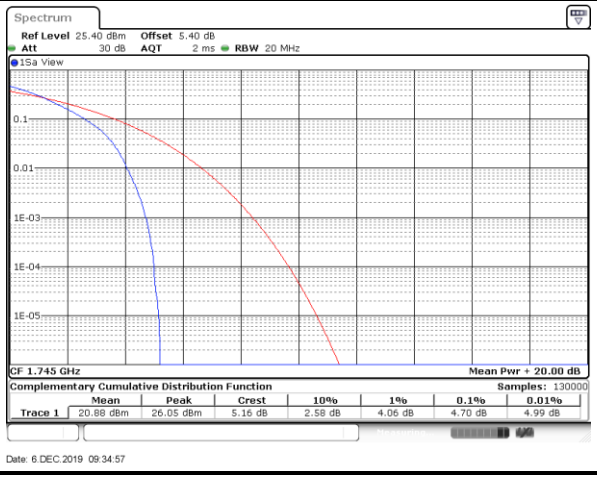
Middle Channel / Full RB



Highest Channel / 1RB

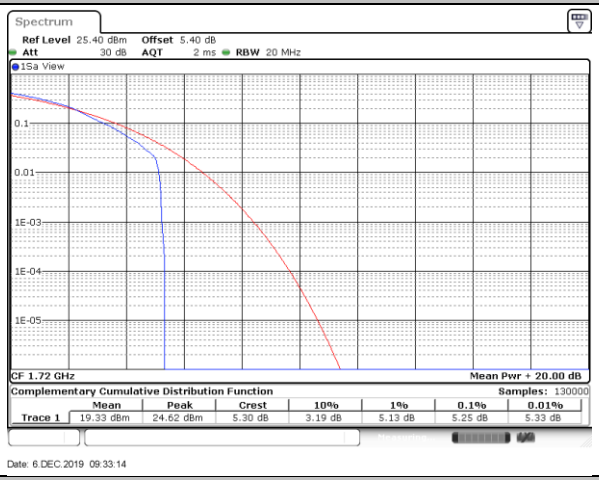


Highest Channel / Full RB

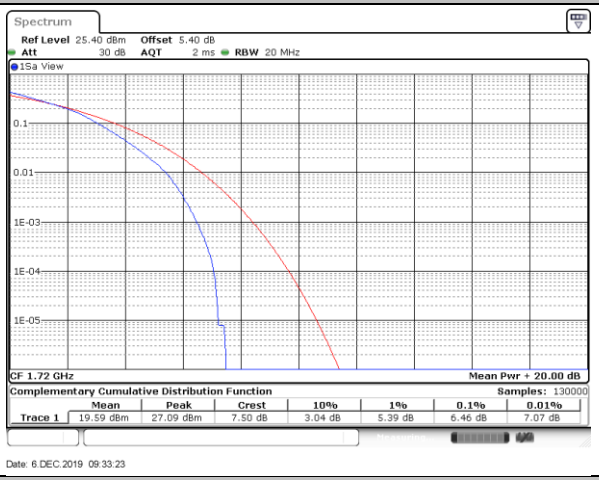


LTE Band 4 / 20MHz / 16QAM

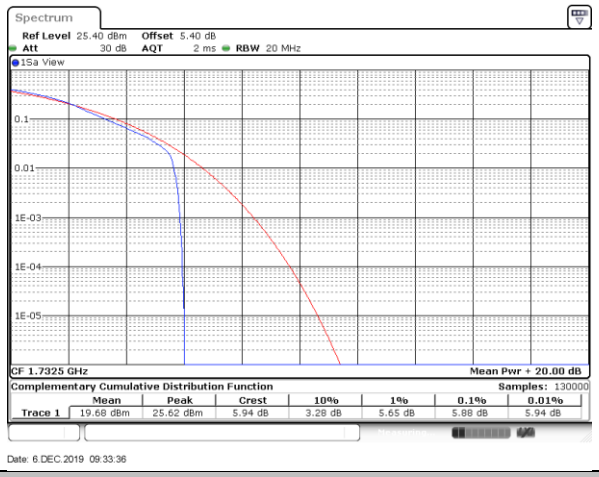
Lowest Channel / 1RB



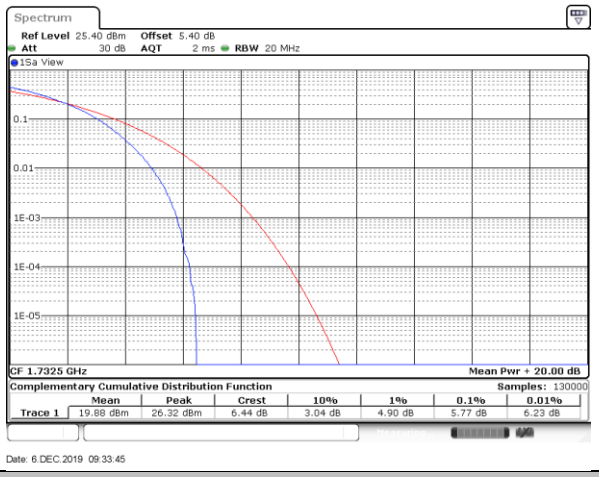
Lowest Channel / Full RB



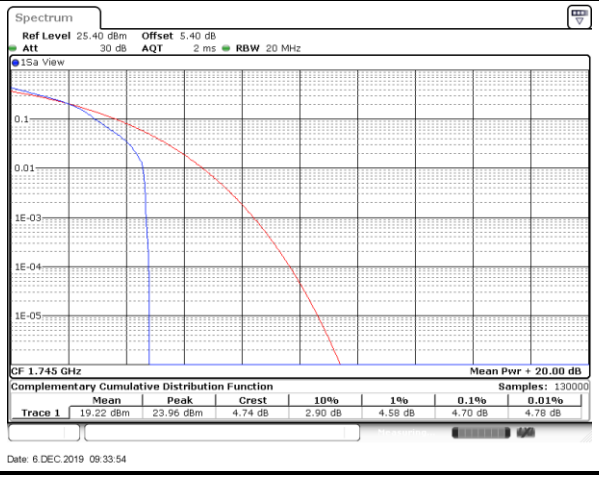
Middle Channel / 1RB



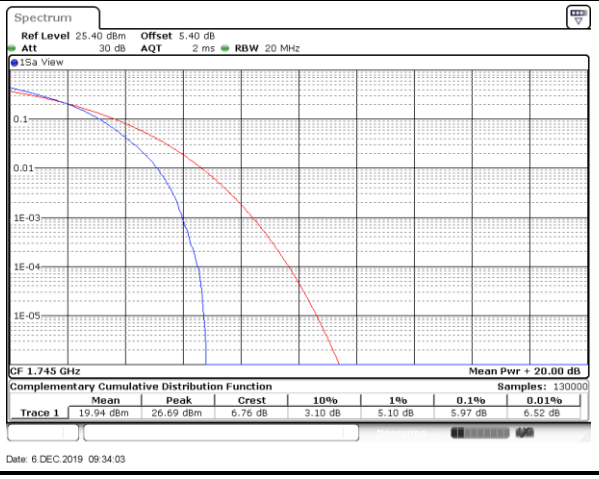
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

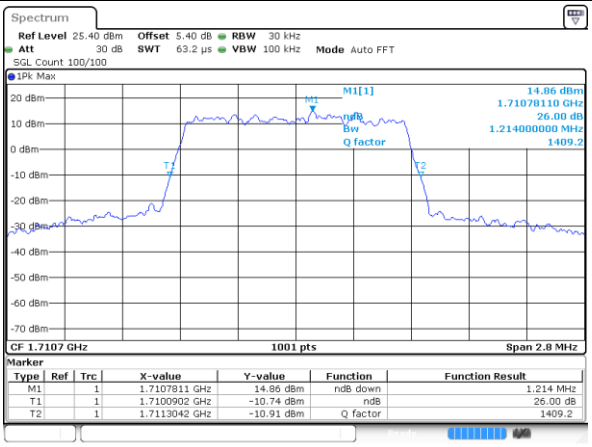


26dB Bandwidth

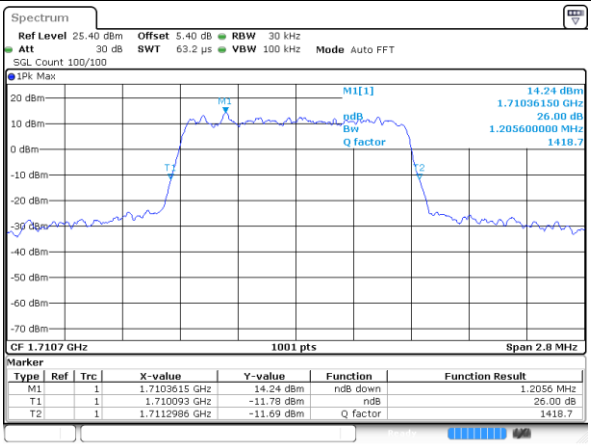
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.21	1.21	3.00	3.05	4.97	4.86	9.73	9.73	14.51	14.18	20.34	20.14
Middle CH	1.23	1.24	3.00	3.03	4.86	4.94	9.83	9.79	14.30	14.12	20.22	20.14
Highest CH	1.23	1.23	3.02	3.03	4.90	4.92	9.81	9.75	14.45	14.33	20.18	20.22

LTE Band 4

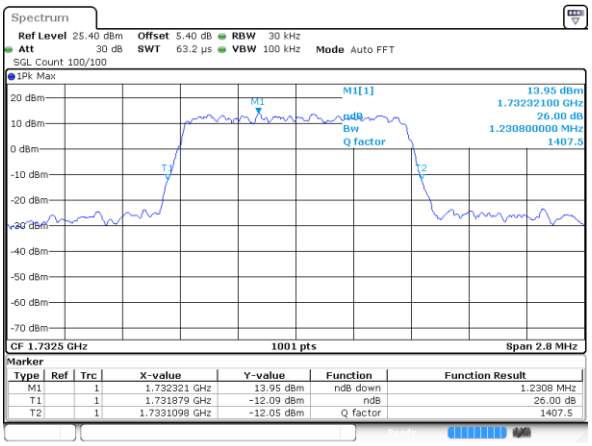
Lowest Channel / 1.4MHz / QPSK



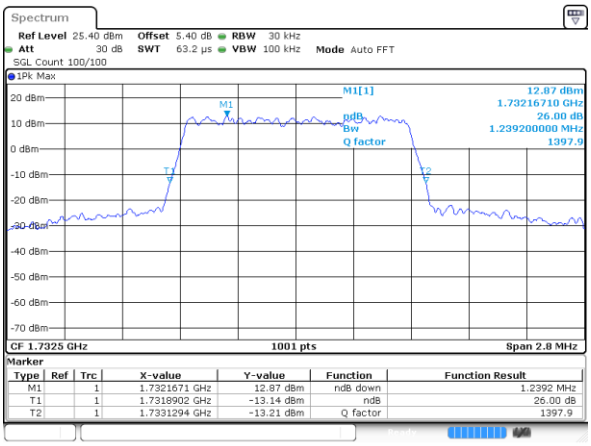
Lowest Channel / 1.4MHz / 16QAM



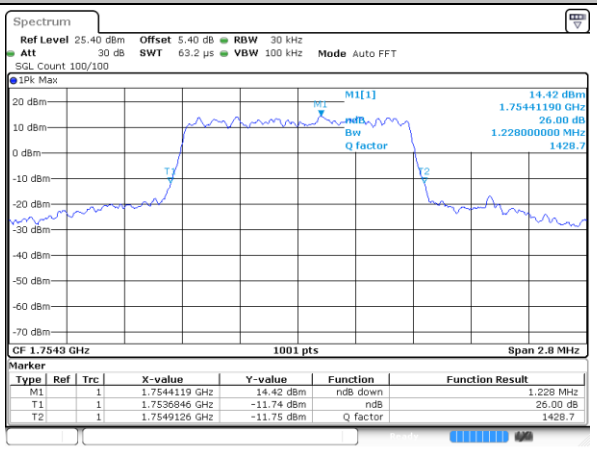
Middle Channel / 1.4MHz / QPSK



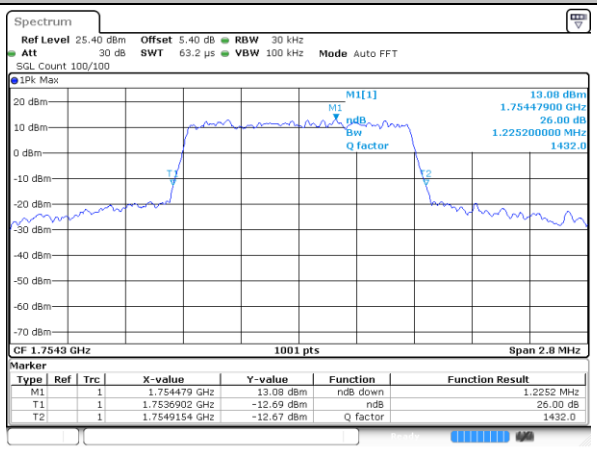
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

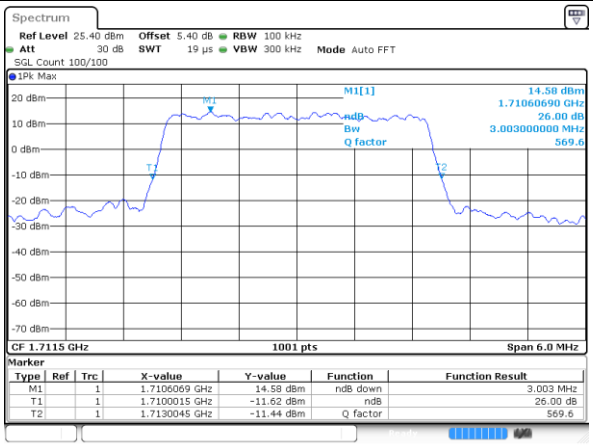


Highest Channel / 1.4MHz / 16QAM

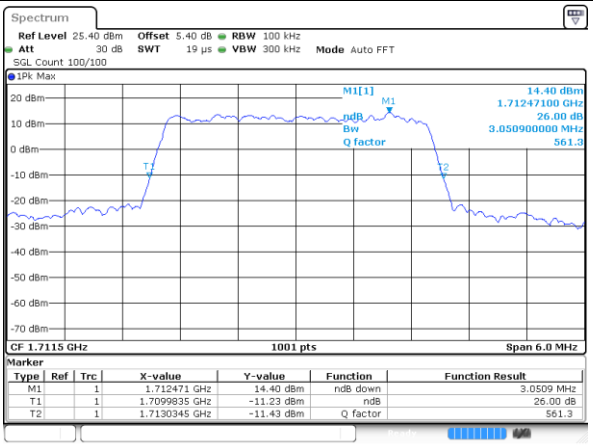


LTE Band 4

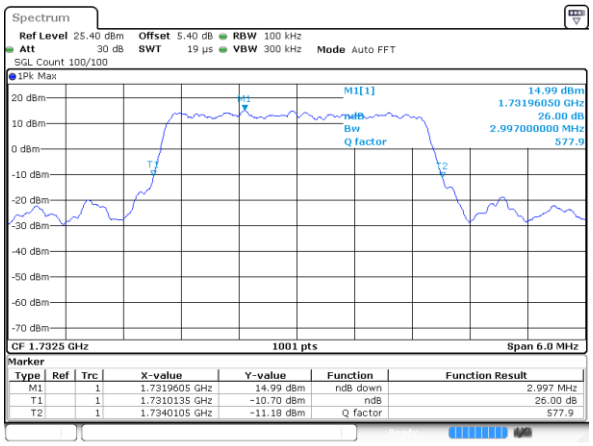
Lowest Channel / 3MHz / QPSK



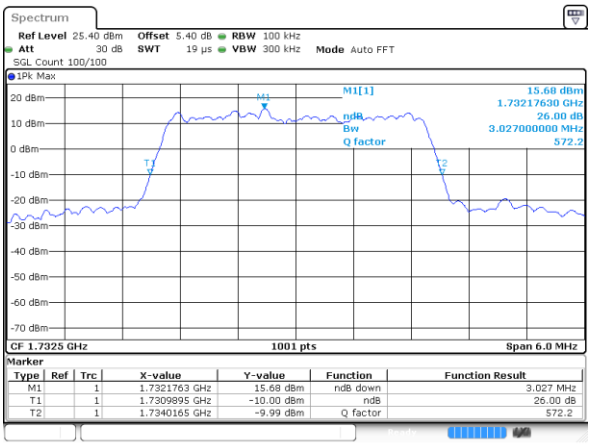
Lowest Channel / 3MHz / 16QAM



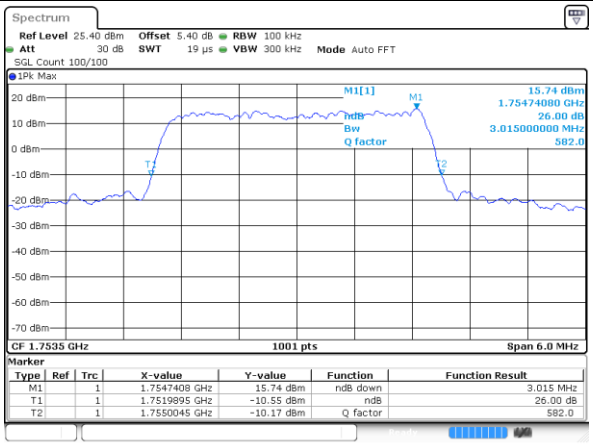
Middle Channel / 3MHz / QPSK



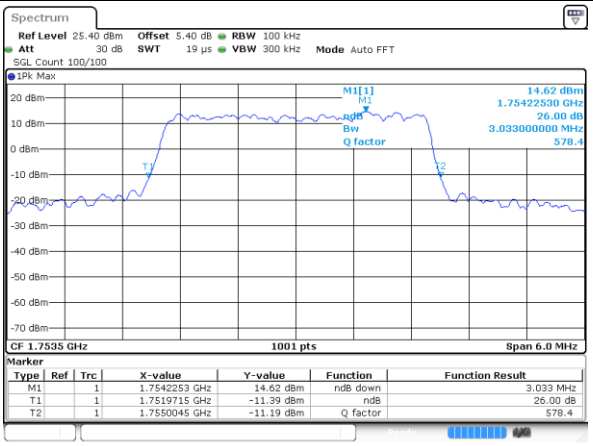
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

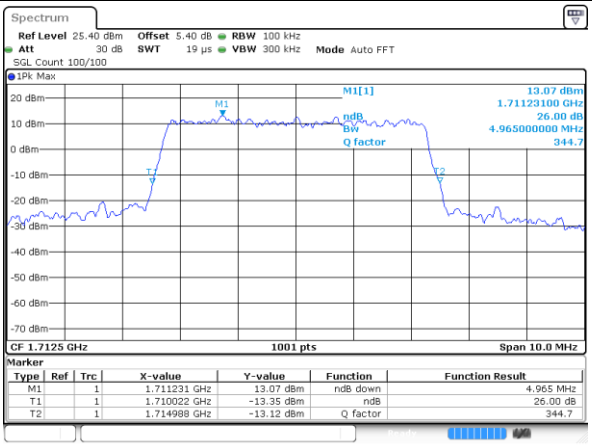


Highest Channel / 3MHz / 16QAM

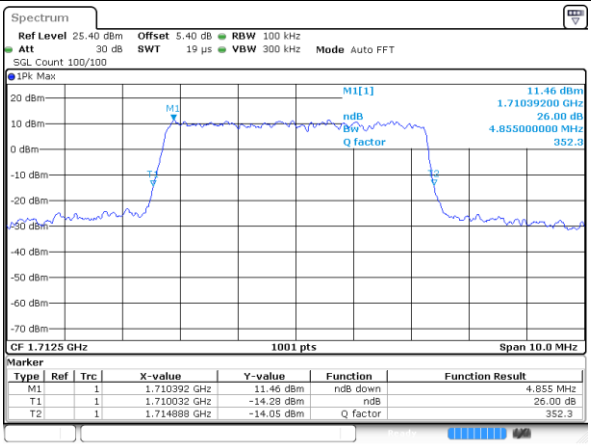


LTE Band 4

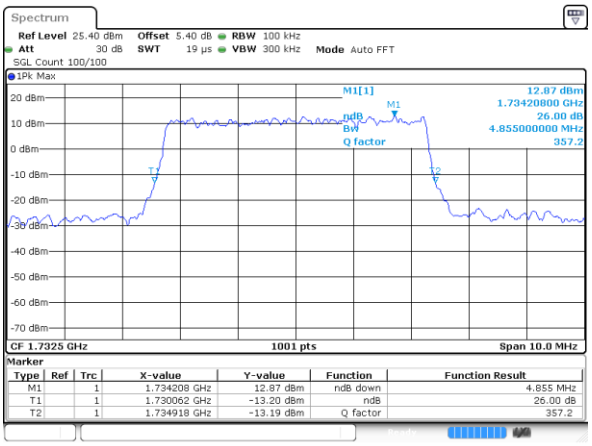
Lowest Channel / 5MHz / QPSK



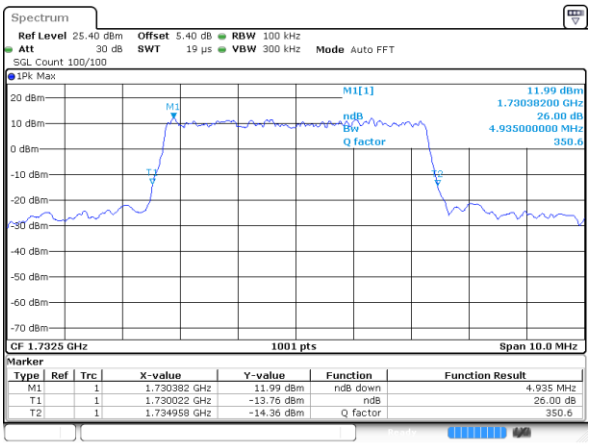
Lowest Channel / 5MHz / 16QAM



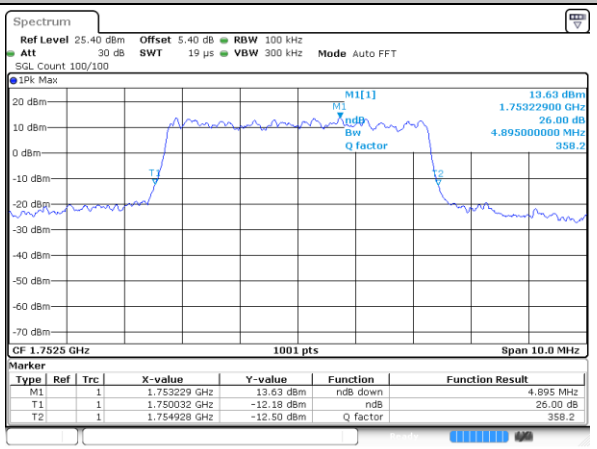
Middle Channel / 5MHz / QPSK



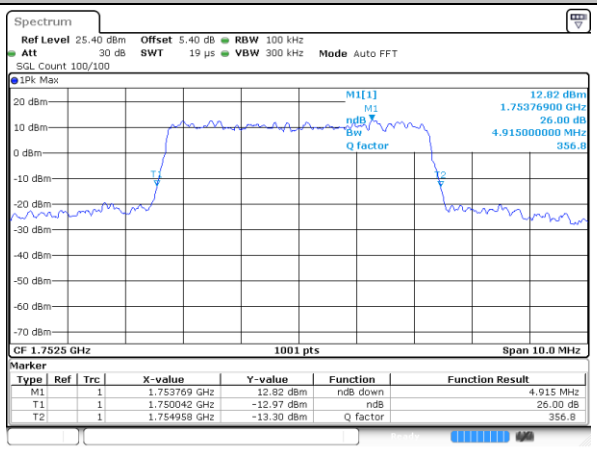
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

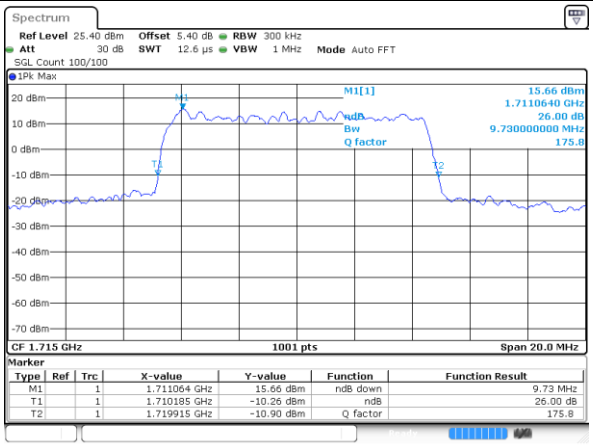


Highest Channel / 5MHz / 16QAM

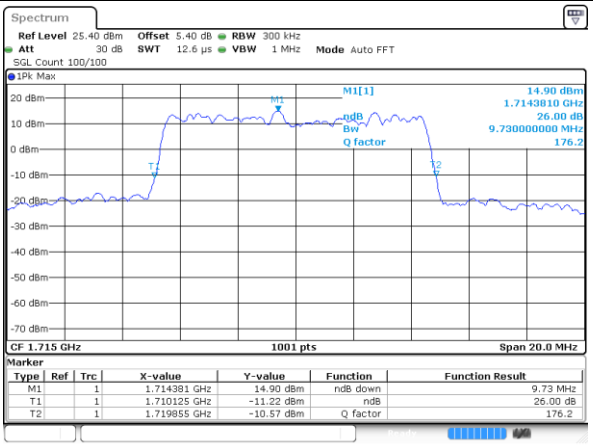


LTE Band 4

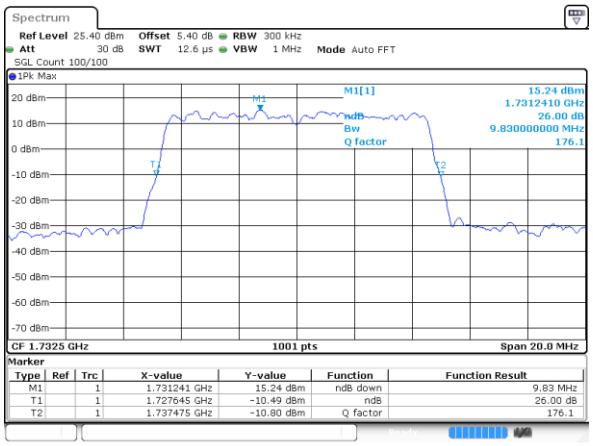
Lowest Channel / 10MHz / QPSK



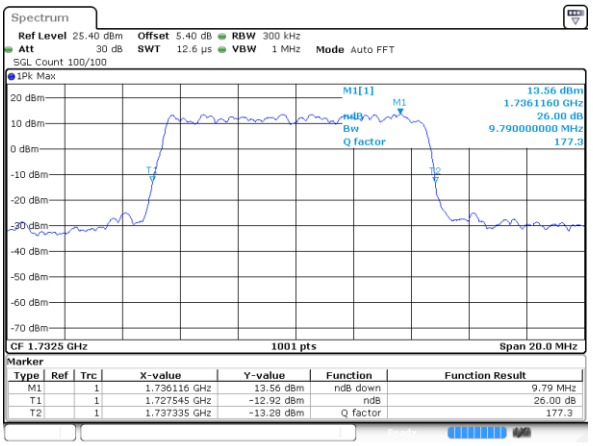
Lowest Channel / 10MHz / 16QAM



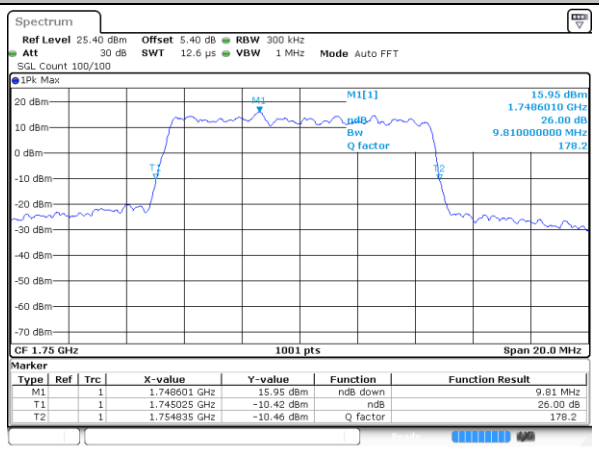
Middle Channel / 10MHz / QPSK



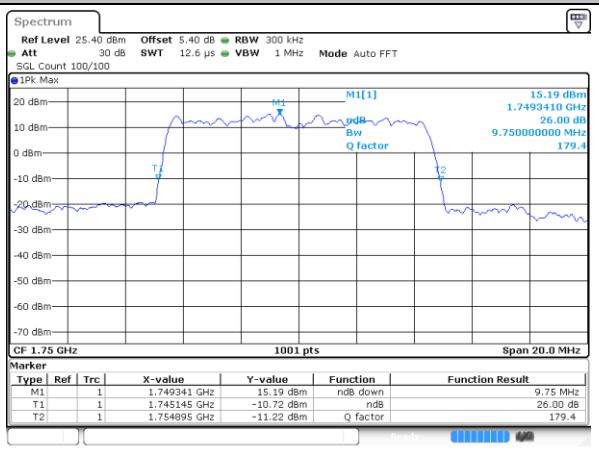
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

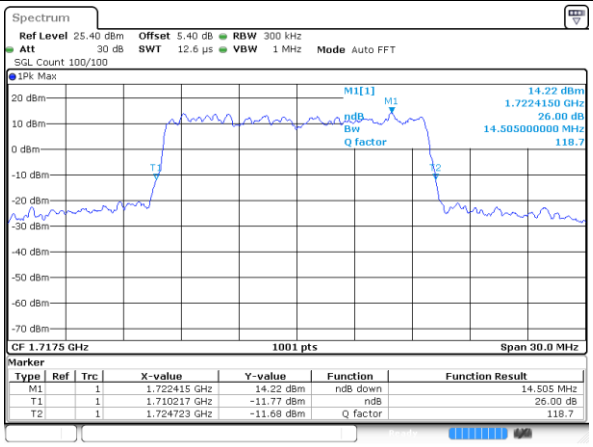


Highest Channel / 10MHz / 16QAM

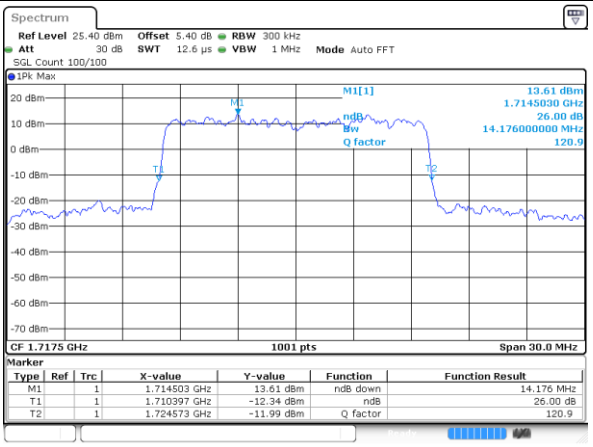


LTE Band 4

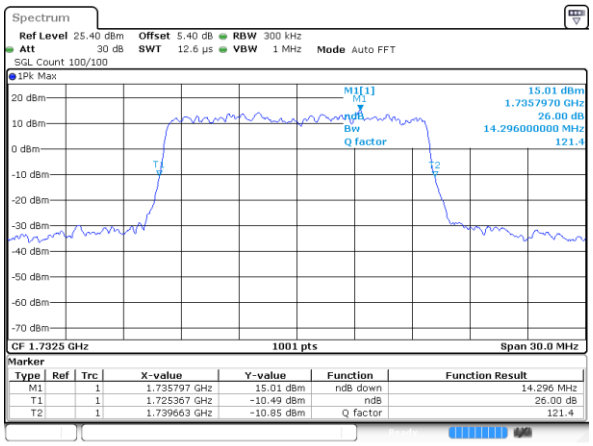
Lowest Channel / 15MHz / QPSK



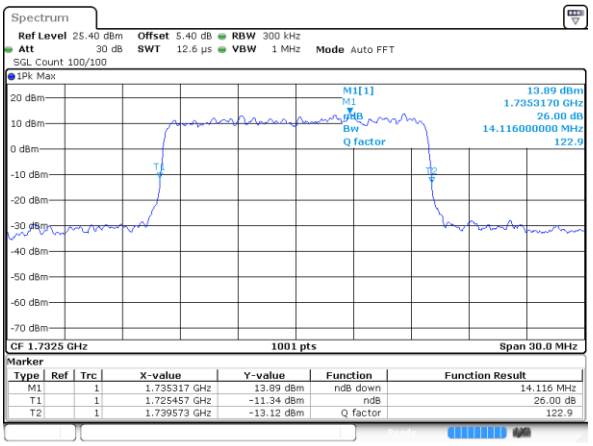
Lowest Channel / 15MHz / 16QAM



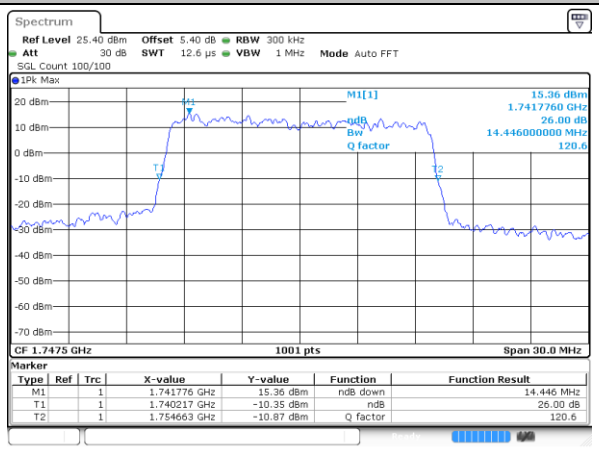
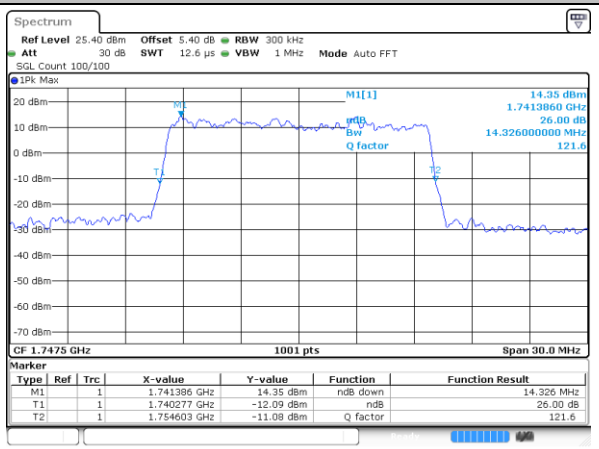
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM