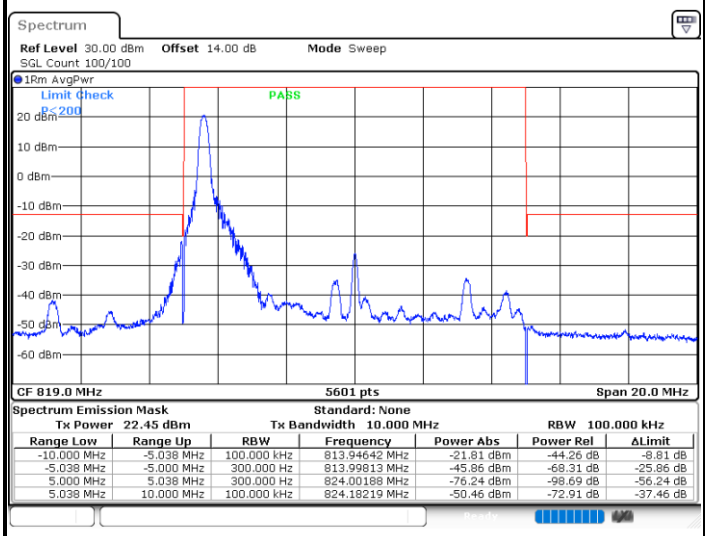
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

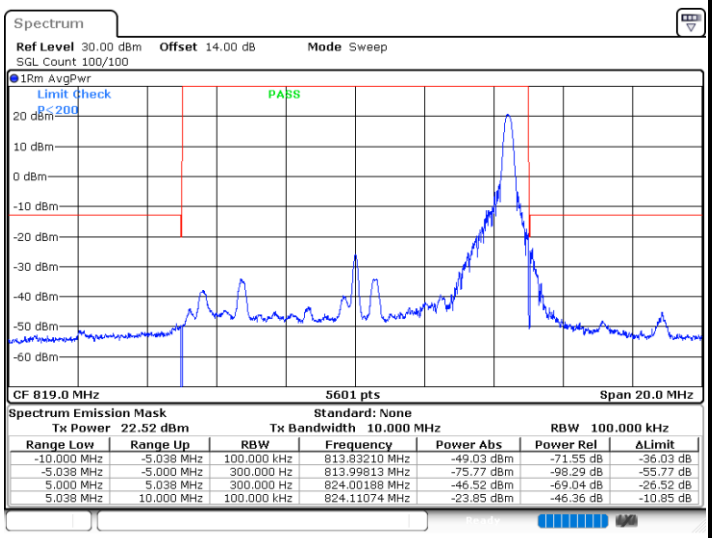


Spectrum Emission Mask Standard: None
Tx Power 22.45 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.94642 MHz	-21.81 dBm	-44.26 dB	-8.81 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-45.86 dBm	-68.31 dB	-25.86 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-76.24 dBm	-98.69 dB	-56.24 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.18219 MHz	-50.46 dBm	-72.91 dB	-37.46 dB

Date: 18.DEC.2020 10:59:23

Highest Band Edge / 1 RB

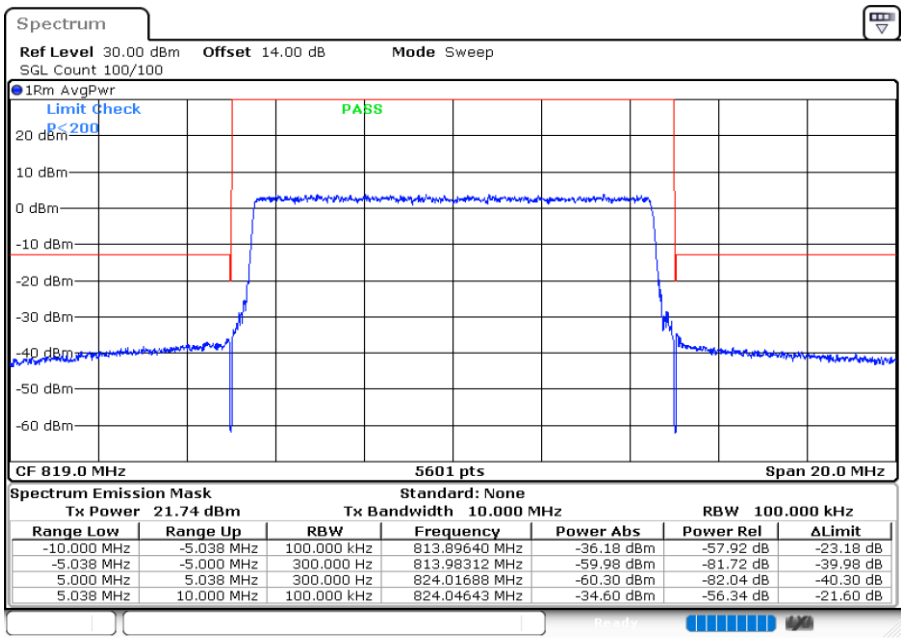


Spectrum Emission Mask Standard: None
Tx Power 22.52 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.83210 MHz	-49.03 dBm	-71.55 dB	-36.03 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-75.77 dBm	-98.29 dB	-55.77 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-46.52 dBm	-69.04 dB	-26.52 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.11074 MHz	-23.85 dBm	-46.36 dB	-10.85 dB

Date: 18.DEC.2020 11:01:41

Band Edge / Full RB



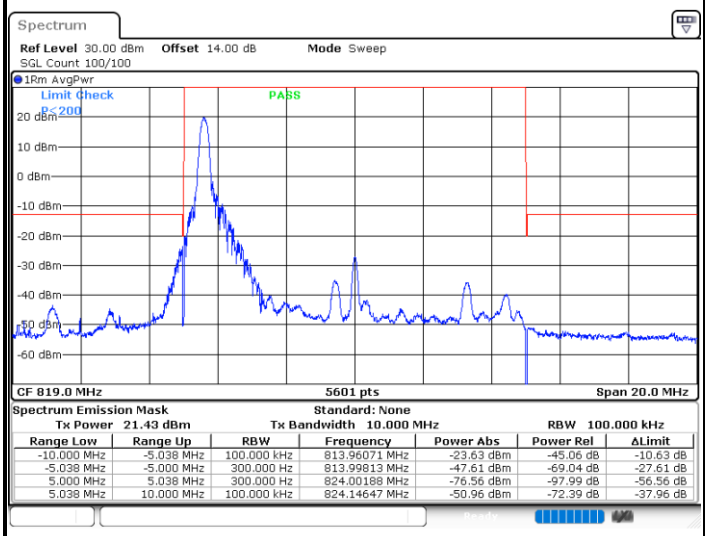
Spectrum Emission Mask Standard: None
Tx Power 21.74 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.89640 MHz	-36.18 dBm	-57.92 dB	-23.18 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98312 MHz	-59.98 dBm	-81.72 dB	-39.98 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.01688 MHz	-60.30 dBm	-82.04 dB	-40.30 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.04643 MHz	-34.60 dBm	-56.34 dB	-21.60 dB

Date: 18.DEC.2020 11:03:58

LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

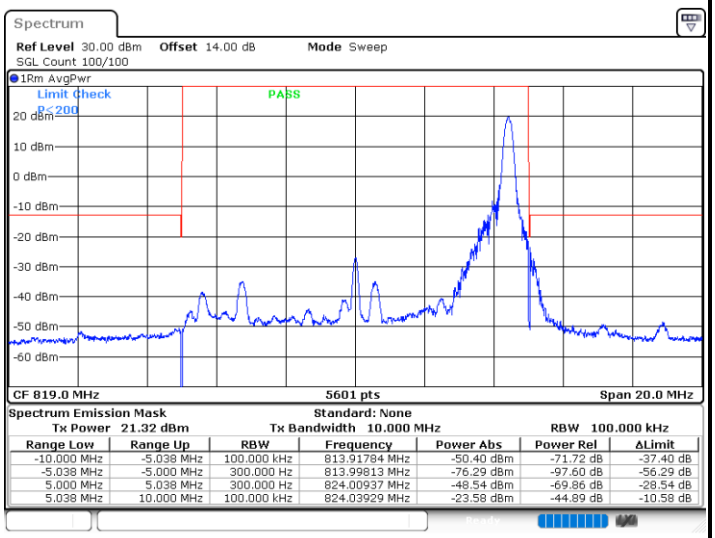


Spectrum Emission Mask Standard: None
Tx Power 21.43 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.96071 MHz	-23.63 dBm	-45.06 dB	-10.63 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-47.61 dBm	-69.04 dB	-27.61 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-76.56 dBm	-97.99 dB	-56.56 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.14647 MHz	-50.96 dBm	-72.39 dB	-37.96 dB

Date: 18.DEC.2020 12:02:39

Highest Band Edge / 1 RB

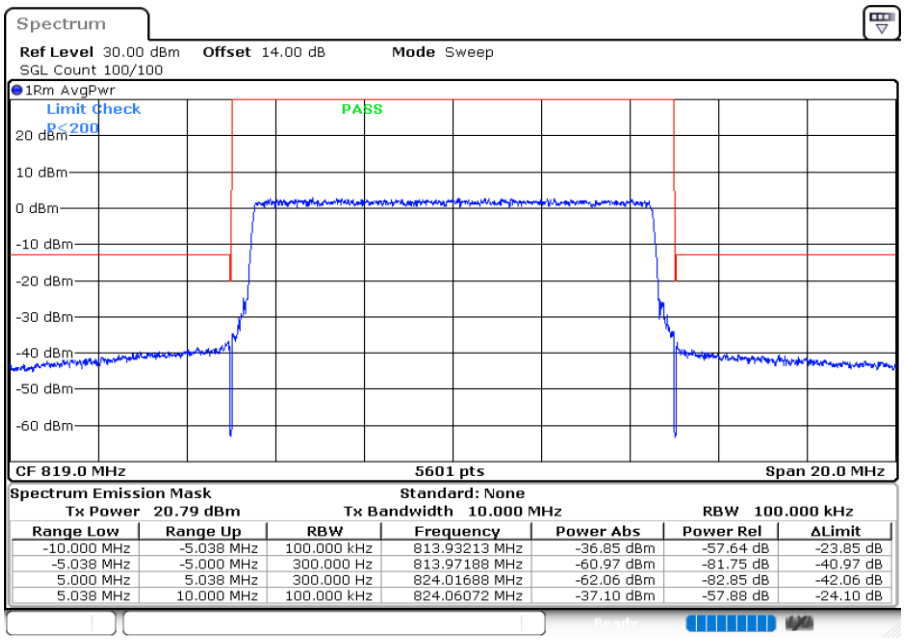


Spectrum Emission Mask Standard: None
Tx Power 21.32 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.91784 MHz	-50.40 dBm	-71.72 dB	-37.40 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-76.29 dBm	-97.60 dB	-56.29 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00937 MHz	-48.54 dBm	-69.86 dB	-28.54 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.03929 MHz	-23.58 dBm	-44.89 dB	-10.58 dB

Date: 18.DEC.2020 12:03:05

Band Edge / Full RB



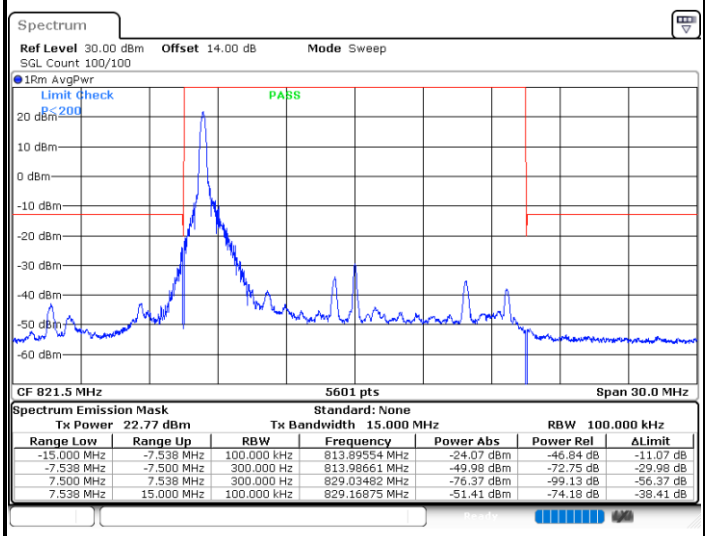
Spectrum Emission Mask Standard: None
Tx Power 20.79 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.93213 MHz	-36.85 dBm	-57.64 dB	-23.85 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.97188 MHz	-60.97 dBm	-81.75 dB	-40.97 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.01688 MHz	-62.06 dBm	-82.85 dB	-42.06 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.06072 MHz	-37.10 dBm	-57.88 dB	-24.10 dB

Date: 18.DEC.2020 12:02:14

LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

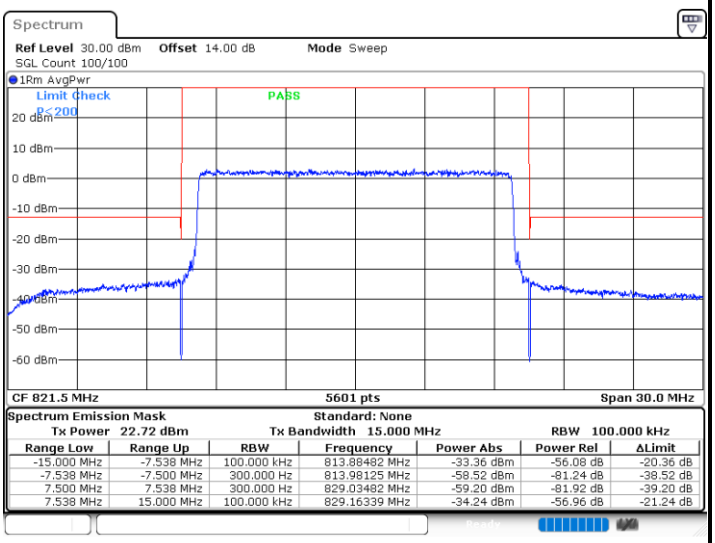


Spectrum Emission Mask Standard: None
Tx Power 22.77 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.89554 MHz	-24.07 dBm	-46.84 dB	-11.07 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98661 MHz	-49.98 dBm	-72.75 dB	-29.98 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.03482 MHz	-76.37 dBm	-99.13 dB	-56.37 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.16875 MHz	-51.41 dBm	-74.18 dB	-38.41 dB

Date: 18.DEC.2020 11:05:07

Lowest Band Edge / Full RB



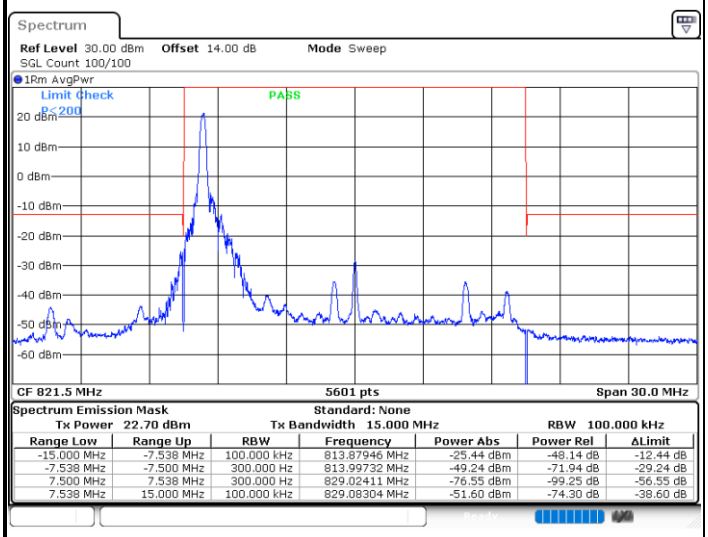
Spectrum Emission Mask Standard: None
Tx Power 22.72 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.88482 MHz	-33.36 dBm	-56.08 dB	-20.36 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-58.52 dBm	-81.24 dB	-38.52 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.03482 MHz	-59.20 dBm	-81.92 dB	-39.20 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.16339 MHz	-34.24 dBm	-56.96 dB	-21.24 dB

Date: 18.DEC.2020 11:09:42

LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

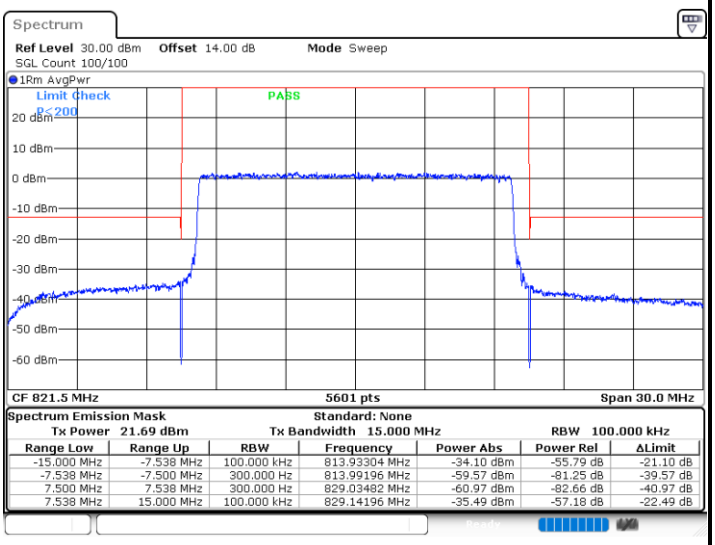


Spectrum Emission Mask Standard: None
Tx Power 22.70 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.87946 MHz	-25.44 dBm	-48.14 dB	-12.44 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-49.24 dBm	-71.94 dB	-29.24 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-76.55 dBm	-99.25 dB	-56.55 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.08304 MHz	-51.60 dBm	-74.30 dB	-38.60 dB

Date: 18.DEC.2020 11:06:16

Lowest Band Edge / Full RB

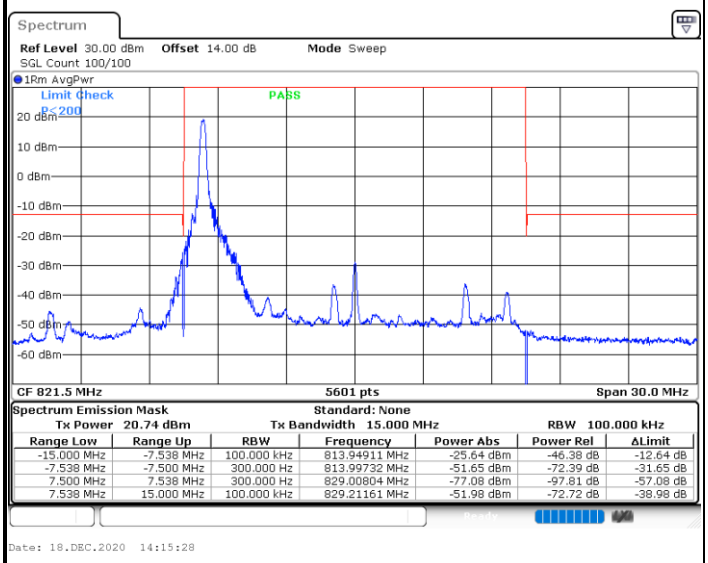


Spectrum Emission Mask Standard: None
Tx Power 21.69 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.93304 MHz	-34.10 dBm	-55.79 dB	-21.10 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99196 MHz	-59.57 dBm	-81.25 dB	-39.57 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.03482 MHz	-60.97 dBm	-82.66 dB	-40.97 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.14196 MHz	-35.49 dBm	-57.18 dB	-22.49 dB

Date: 18.DEC.2020 11:10:51

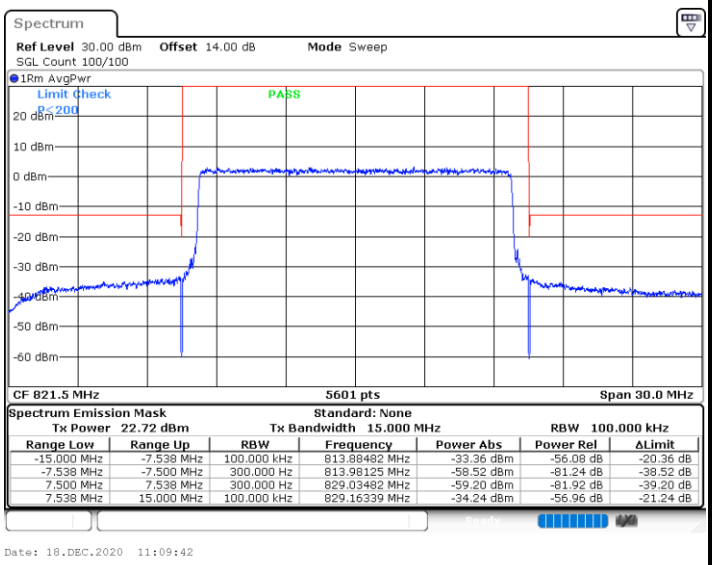
LTE Band 26 / 15MHz / 64QAM	
Lowest Band Edge / 1 RB	**Lowest Band Edge / Full RB**



Spectrum Emission Mask — Standard: None
Tx Power 20.74 dBm — Tx Bandwidth 15.000 MHz — RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.94911 MHz	-25.64 dBm	-46.38 dB	-12.64 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-51.65 dBm	-72.39 dB	-31.65 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00804 MHz	-77.08 dBm	-97.81 dB	-57.08 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.21161 MHz	-51.98 dBm	-72.72 dB	-38.98 dB

Date: 18.DEC.2020 14:15:28



Spectrum Emission Mask — Standard: None
Tx Power 22.72 dBm — Tx Bandwidth 15.000 MHz — RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.88482 MHz	-33.36 dBm	-56.08 dB	-20.36 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-58.52 dBm	-81.24 dB	-38.52 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.03482 MHz	-59.20 dBm	-81.92 dB	-39.20 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.16339 MHz	-34.24 dBm	-56.96 dB	-21.24 dB

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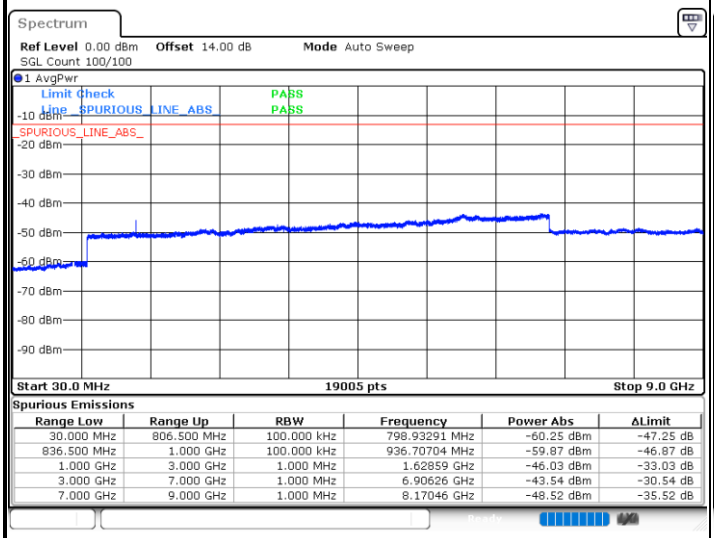
Conducted Spurious Emission

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

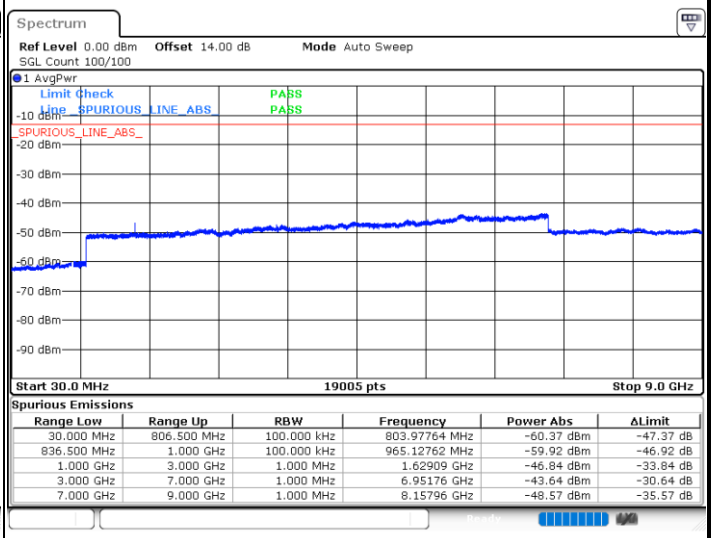


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	798.93291 MHz	-60.25 dBm	-47.25 dB
836.500 MHz	1.000 GHz	100.000 kHz	936.70704 MHz	-59.87 dBm	-46.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-46.03 dBm	-33.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90626 GHz	-43.54 dBm	-30.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.17046 GHz	-48.52 dBm	-35.52 dB

Date: 18.DEC.2020 09:45:54

Lowest Channel / 16QAM

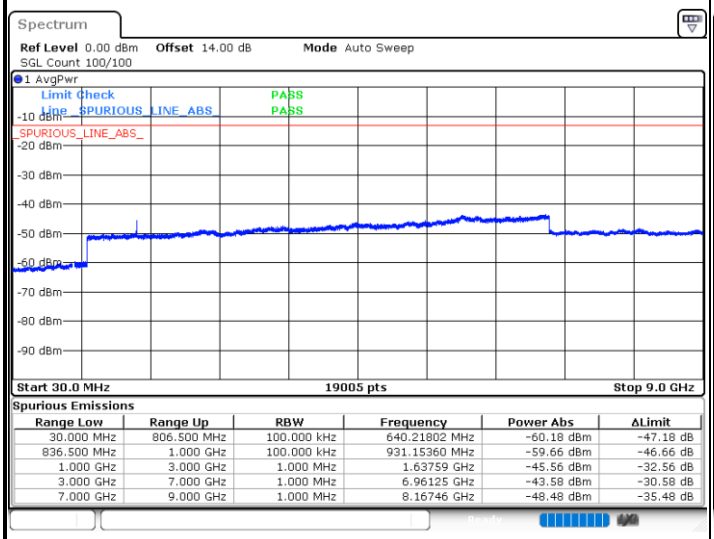


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	803.97764 MHz	-60.37 dBm	-47.37 dB
836.500 MHz	1.000 GHz	100.000 kHz	965.12762 MHz	-59.92 dBm	-46.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95176 GHz	-43.64 dBm	-30.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.15796 GHz	-48.57 dBm	-35.57 dB

Date: 18.DEC.2020 09:41:01

Middle Channel / QPSK

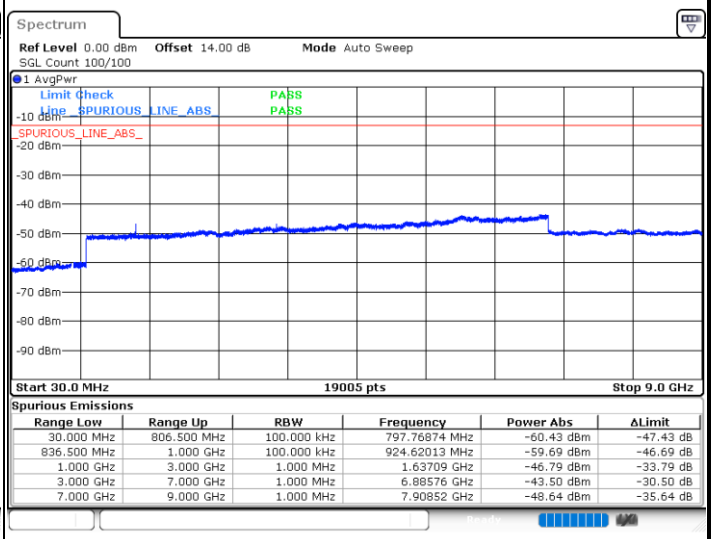


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	640.21802 MHz	-60.18 dBm	-47.18 dB
836.500 MHz	1.000 GHz	100.000 kHz	931.15360 MHz	-59.66 dBm	-46.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63759 GHz	-45.56 dBm	-32.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96125 GHz	-43.58 dBm	-30.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.16746 GHz	-48.48 dBm	-35.48 dB

Date: 18.DEC.2020 09:47:50

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	797.76874 MHz	-60.43 dBm	-47.43 dB
836.500 MHz	1.000 GHz	100.000 kHz	924.62013 MHz	-59.69 dBm	-46.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63709 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88576 GHz	-43.50 dBm	-30.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.90852 GHz	-48.64 dBm	-35.64 dB

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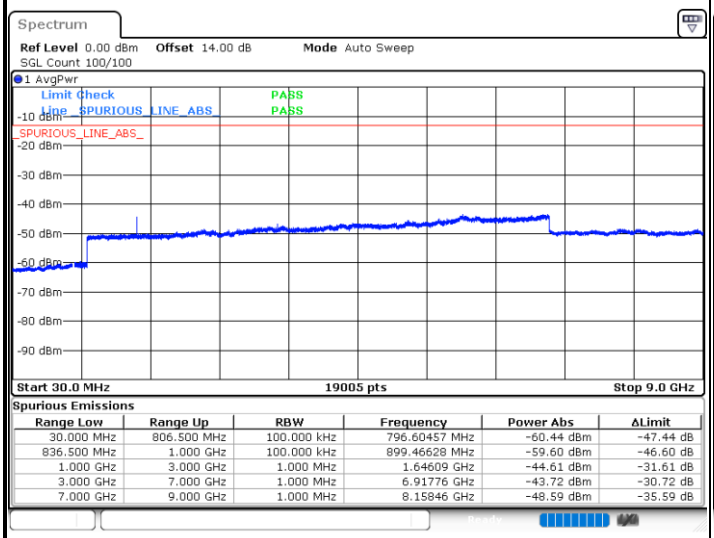
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	796.60457 MHz	-60.44 dBm	-47.44 dB
836.500 MHz	1.000 GHz	100.000 kHz	899.46628 MHz	-59.60 dBm	-46.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64609 GHz	-44.61 dBm	-31.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91776 GHz	-43.72 dBm	-30.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.15846 GHz	-48.59 dBm	-35.59 dB

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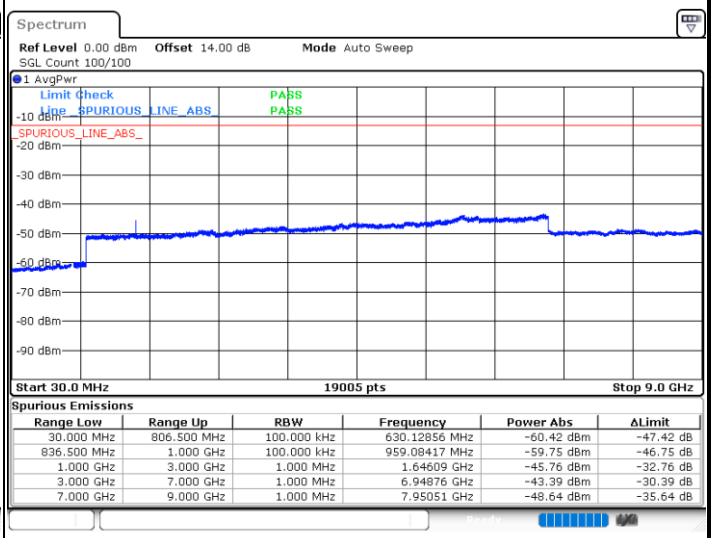
Highest Channel / 16QAM



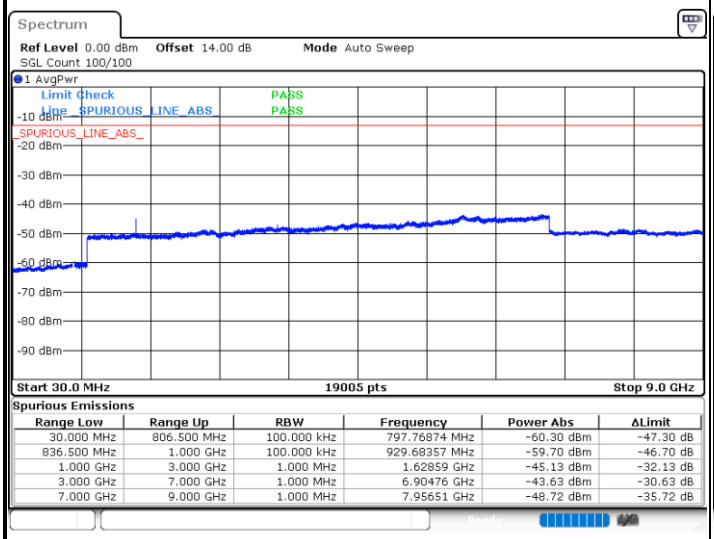
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	630.12856 MHz	-60.42 dBm	-47.42 dB
836.500 MHz	1.000 GHz	100.000 kHz	959.08417 MHz	-59.75 dBm	-46.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64609 GHz	-45.76 dBm	-32.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94876 GHz	-43.39 dBm	-30.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.95051 GHz	-48.64 dBm	-35.64 dB

Date: 18.DEC.2020 10:01:36

LTE Band 26 / 3MHz

Lowest Channel / QPSK

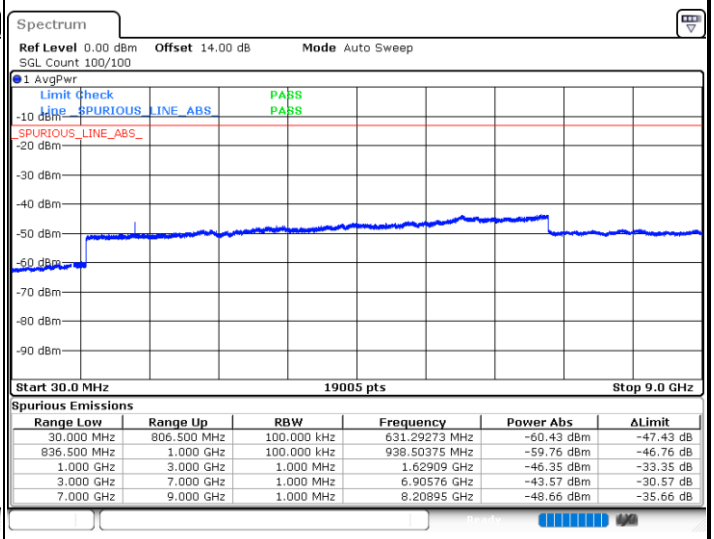


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	797.76874 MHz	-60.30 dBm	-47.30 dB
836.500 MHz	1.000 GHz	100.000 kHz	929.68357 MHz	-59.70 dBm	-46.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-45.13 dBm	-32.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90476 GHz	-43.63 dBm	-30.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.95651 GHz	-48.72 dBm	-35.72 dB

Date: 18.DEC.2020 10:20:55

Lowest Channel / 16QAM



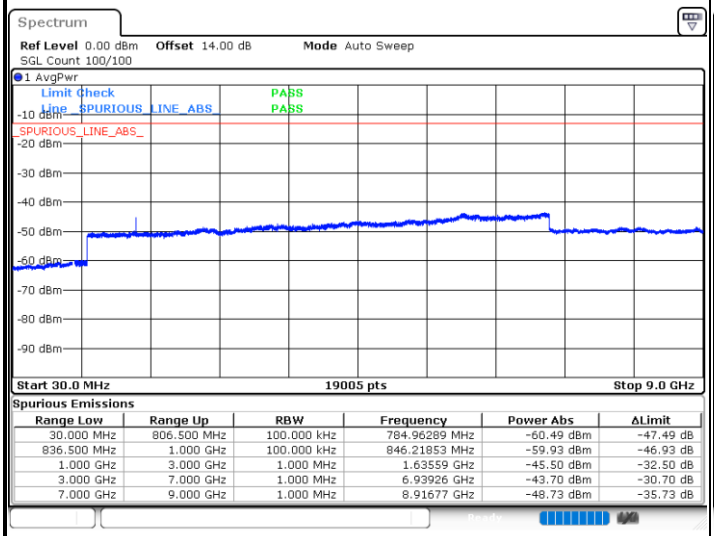
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	631.29273 MHz	-60.43 dBm	-47.43 dB
836.500 MHz	1.000 GHz	100.000 kHz	938.50375 MHz	-59.76 dBm	-46.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-46.35 dBm	-33.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90576 GHz	-43.57 dBm	-30.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.20895 GHz	-48.66 dBm	-35.66 dB

Date: 18.DEC.2020 10:22:07

LTE Band 26 / 3MHz

Middle Channel / QPSK

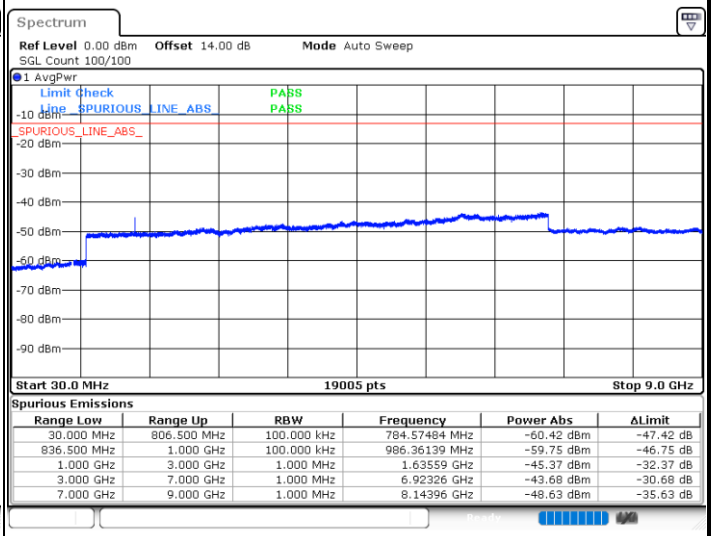


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	784.96289 MHz	-60.49 dBm	-47.49 dB
836.500 MHz	1.000 GHz	100.000 kHz	846.21853 MHz	-59.93 dBm	-46.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-45.50 dBm	-32.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93926 GHz	-43.70 dBm	-30.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91677 GHz	-48.73 dBm	-35.73 dB

Date: 18.DEC.2020 10:24:02

Middle Channel / 16QAM

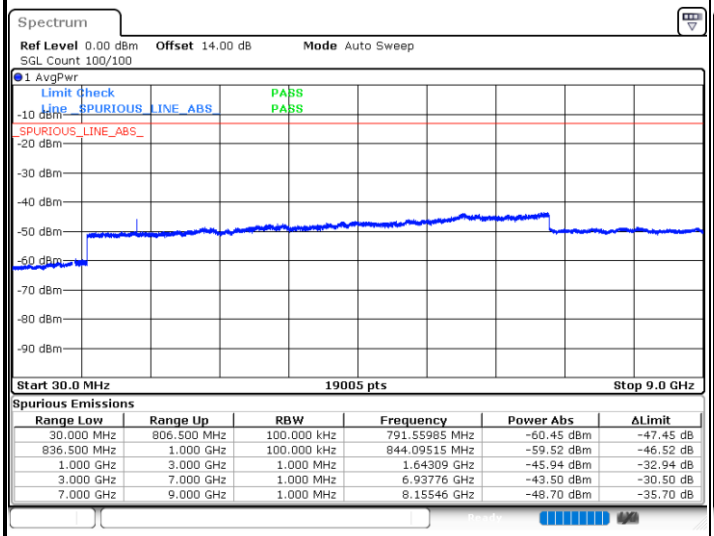


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	784.57484 MHz	-60.42 dBm	-47.42 dB
836.500 MHz	1.000 GHz	100.000 kHz	986.36139 MHz	-59.75 dBm	-46.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-45.37 dBm	-32.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92326 GHz	-43.68 dBm	-30.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.14396 GHz	-48.63 dBm	-35.63 dB

Date: 18.DEC.2020 10:25:14

Highest Channel / QPSK

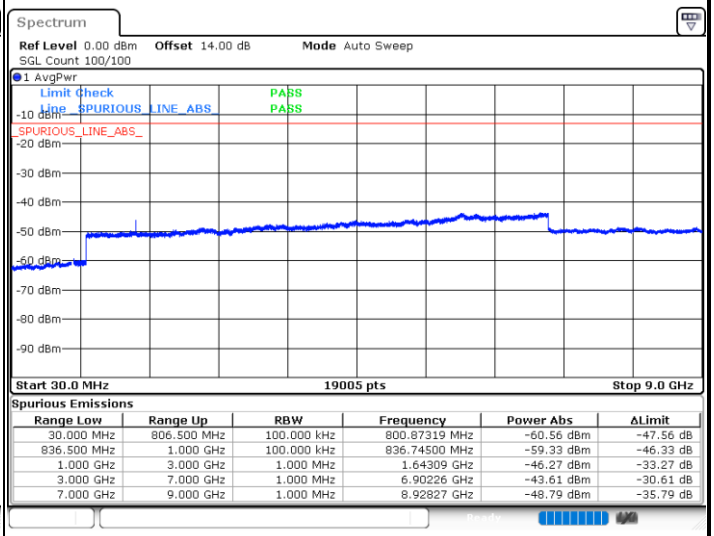


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	791.55985 MHz	-60.45 dBm	-47.45 dB
836.500 MHz	1.000 GHz	100.000 kHz	844.09515 MHz	-59.52 dBm	-46.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64309 GHz	-45.94 dBm	-32.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93776 GHz	-43.50 dBm	-30.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.15546 GHz	-48.70 dBm	-35.70 dB

Date: 18.DEC.2020 10:27:09

Highest Channel / 16QAM



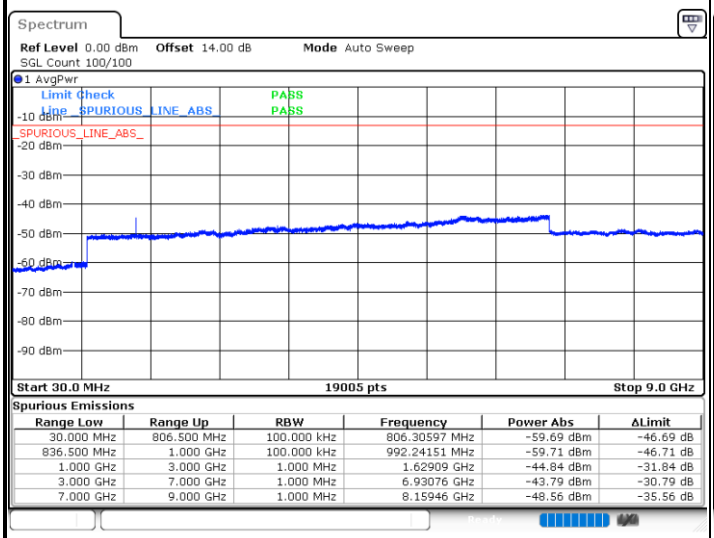
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	800.87319 MHz	-60.56 dBm	-47.56 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.74500 MHz	-59.33 dBm	-46.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64309 GHz	-46.27 dBm	-33.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90226 GHz	-43.61 dBm	-30.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92827 GHz	-48.79 dBm	-35.79 dB

Date: 18.DEC.2020 10:28:20

LTE Band 26 / 5MHz

Lowest Channel / QPSK

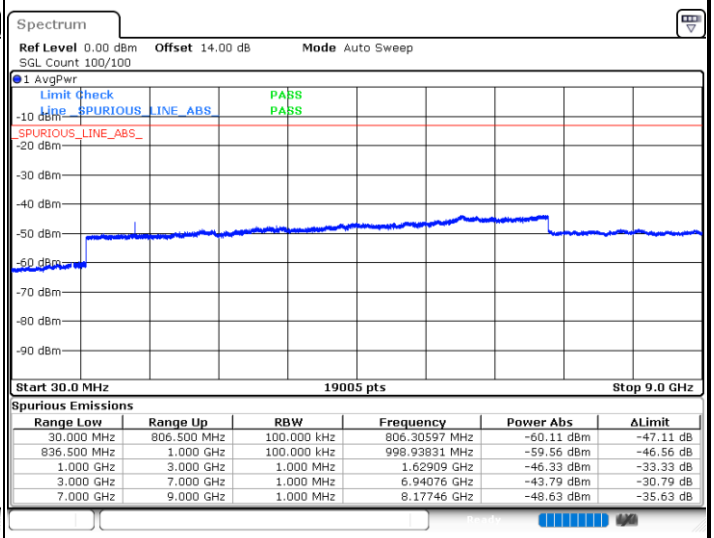


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-59.69 dBm	-46.69 dB
836.500 MHz	1.000 GHz	100.000 kHz	992.24151 MHz	-59.71 dBm	-46.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-44.84 dBm	-31.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93076 GHz	-43.79 dBm	-30.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.15946 GHz	-48.56 dBm	-35.56 dB

Date: 18.DEC.2020 11:12:46

Lowest Channel / 16QAM

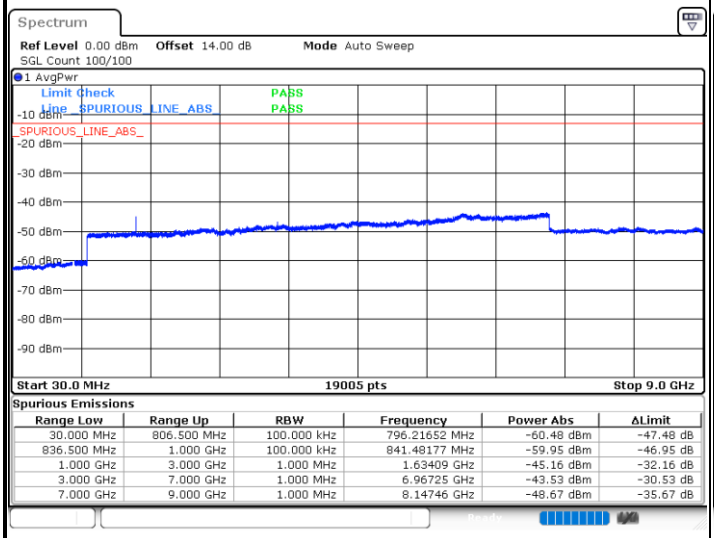


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-60.11 dBm	-47.11 dB
836.500 MHz	1.000 GHz	100.000 kHz	998.93831 MHz	-59.56 dBm	-46.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-46.33 dBm	-33.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94076 GHz	-43.79 dBm	-30.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.17746 GHz	-48.63 dBm	-35.63 dB

Date: 18.DEC.2020 11:13:58

Middle Channel / QPSK

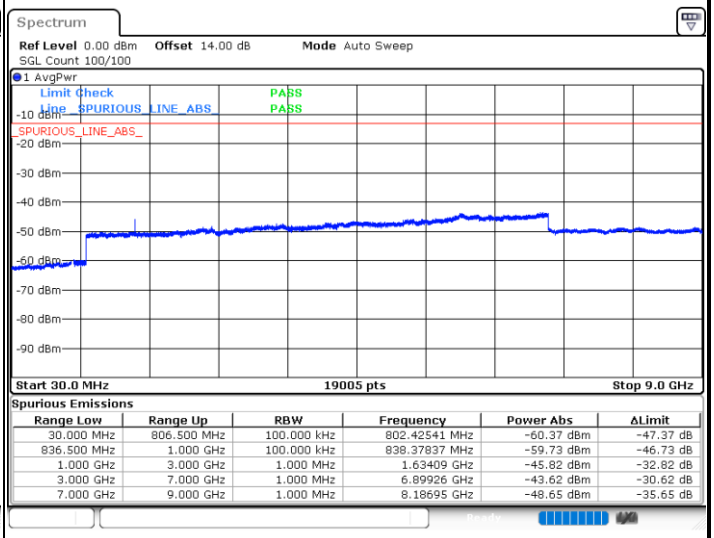


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	796.21652 MHz	-60.48 dBm	-47.48 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.48177 MHz	-59.95 dBm	-46.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-45.16 dBm	-32.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96725 GHz	-43.53 dBm	-30.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.14746 GHz	-48.67 dBm	-35.67 dB

Date: 18.DEC.2020 11:15:53

Middle Channel / 16QAM



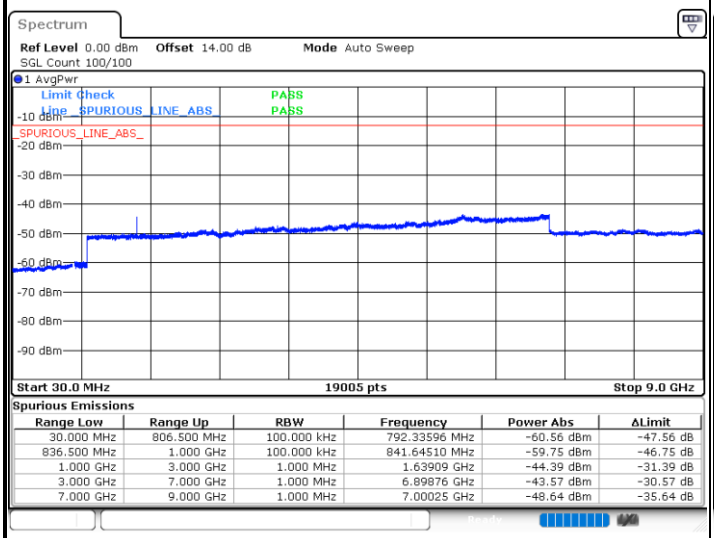
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	802.42541 MHz	-60.37 dBm	-47.37 dB
836.500 MHz	1.000 GHz	100.000 kHz	838.37837 MHz	-59.73 dBm	-46.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89926 GHz	-43.62 dBm	-30.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.18695 GHz	-48.65 dBm	-35.65 dB

Date: 18.DEC.2020 11:17:05

LTE Band 26 / 5MHz

Highest Channel / QPSK

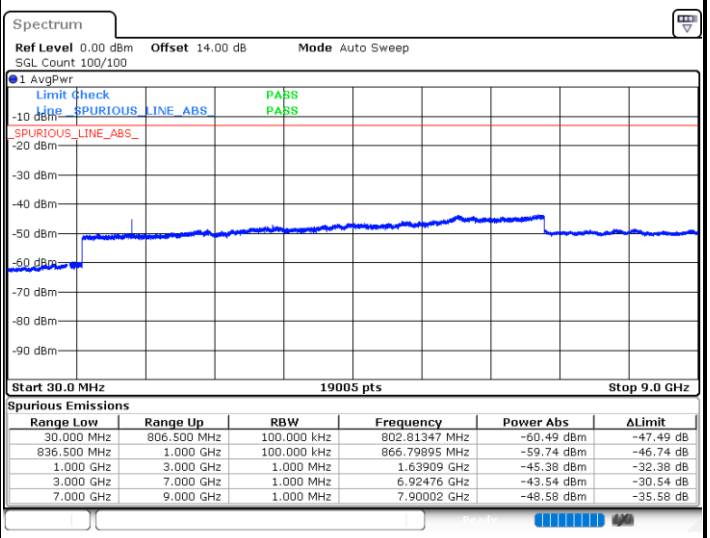


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	792.33596 MHz	-60.56 dBm	-47.56 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.64510 MHz	-59.75 dBm	-46.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63909 GHz	-44.39 dBm	-31.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89876 GHz	-43.57 dBm	-30.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00025 GHz	-48.64 dBm	-35.64 dB

Date: 18.DEC.2020 11:19:00

Highest Channel / 16QAM



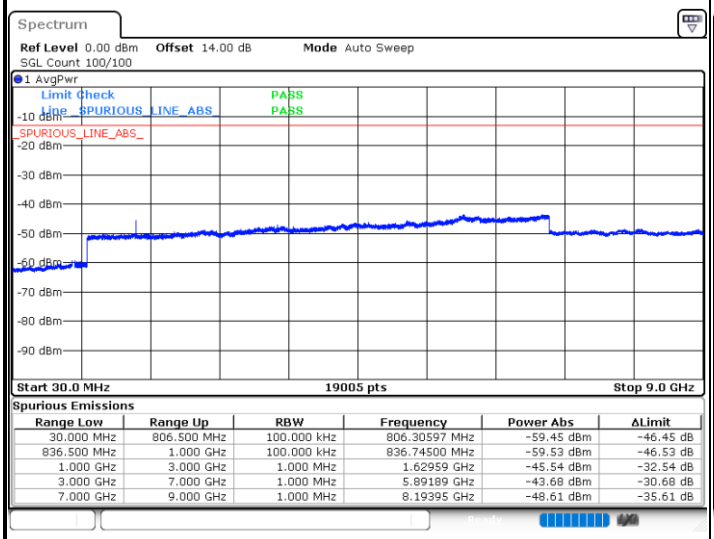
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	802.81347 MHz	-60.49 dBm	-47.49 dB
836.500 MHz	1.000 GHz	100.000 kHz	866.79895 MHz	-59.74 dBm	-46.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63909 GHz	-45.38 dBm	-32.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92476 GHz	-43.54 dBm	-30.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.90002 GHz	-48.58 dBm	-35.58 dB

Date: 18.DEC.2020 11:20:12

LTE Band 26 / 10MHz

Middle Channel / QPSK

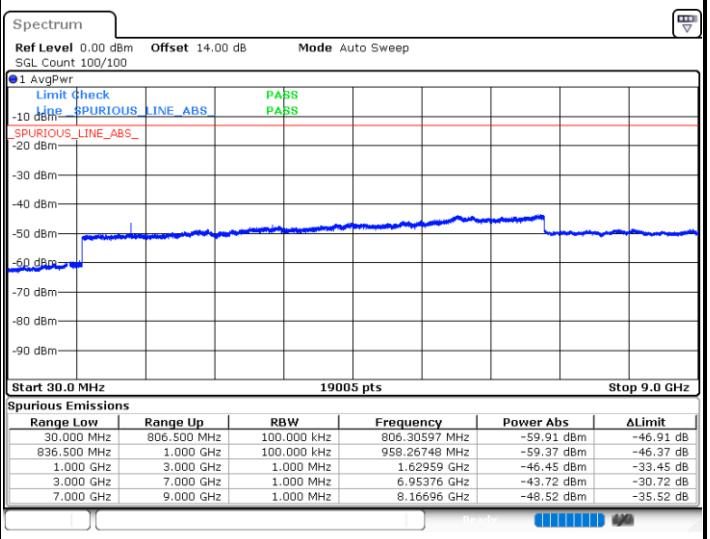


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-59.45 dBm	-46.45 dB
836.500 MHz	1.000 GHz	100.000 kHz	836.74500 MHz	-59.53 dBm	-46.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-45.54 dBm	-32.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89189 GHz	-43.68 dBm	-30.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.19395 GHz	-48.61 dBm	-35.61 dB

Date: 18.DEC.2020 11:22:07

Middle Channel / 16QAM



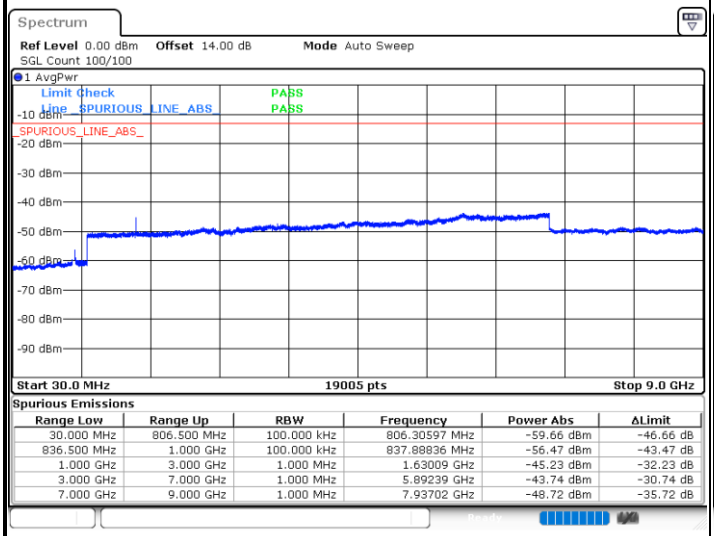
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-59.91 dBm	-46.91 dB
836.500 MHz	1.000 GHz	100.000 kHz	958.26748 MHz	-59.37 dBm	-46.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-46.45 dBm	-33.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95376 GHz	-43.72 dBm	-30.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.16696 GHz	-48.52 dBm	-35.52 dB

Date: 18.DEC.2020 11:23:19

LTE Band 26 / 15MHz

Lowest Channel / QPSK

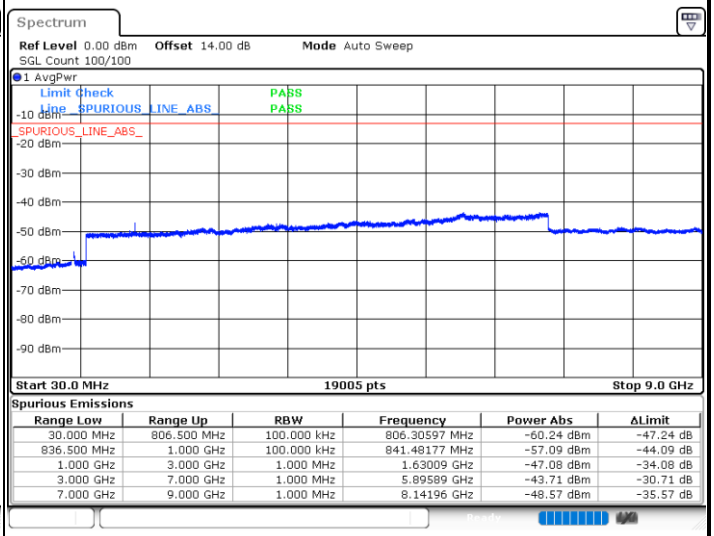


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-59.66 dBm	-46.66 dB
836.500 MHz	1.000 GHz	100.000 kHz	837.88836 MHz	-56.47 dBm	-43.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63009 GHz	-45.23 dBm	-32.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89239 GHz	-43.74 dBm	-30.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.93702 GHz	-48.72 dBm	-35.72 dB

Date: 18.DEC.2020 11:25:15

Lowest Channel / 16QAM



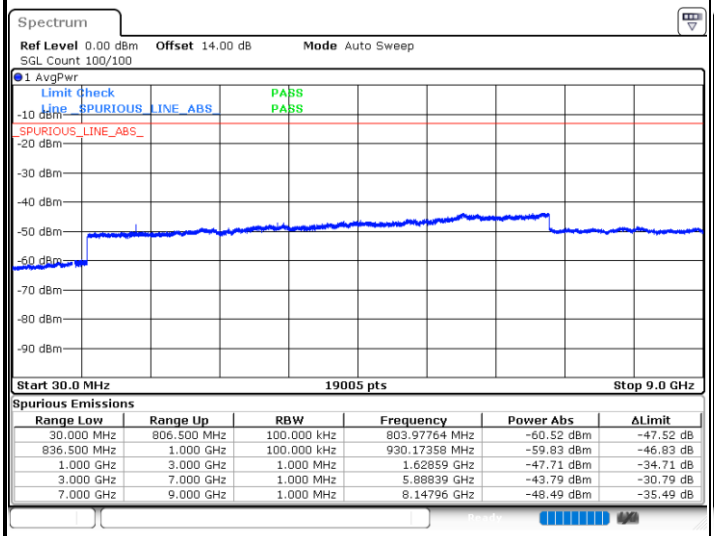
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-60.24 dBm	-47.24 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.48177 MHz	-57.09 dBm	-44.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63009 GHz	-47.08 dBm	-34.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89589 GHz	-43.71 dBm	-30.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.14196 GHz	-48.57 dBm	-35.57 dB

Date: 18.DEC.2020 11:26:27

LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

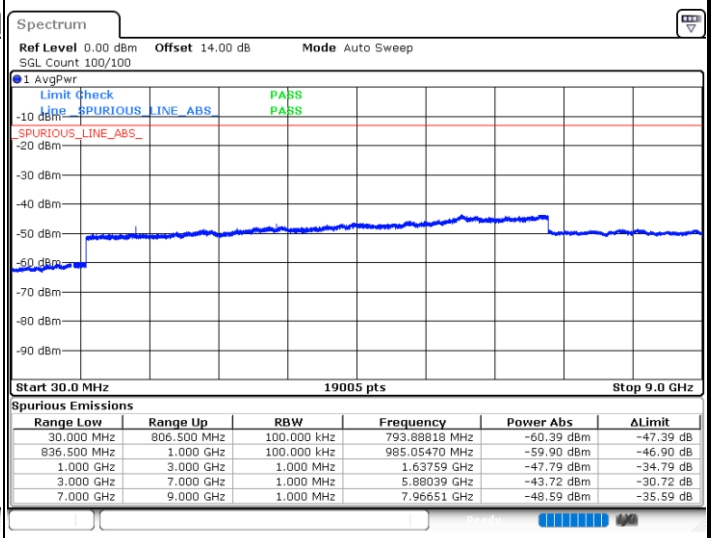


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	803.97764 MHz	-60.52 dBm	-47.52 dB
836.500 MHz	1.000 GHz	100.000 kHz	930.17358 MHz	-59.83 dBm	-46.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-47.71 dBm	-34.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.88839 GHz	-43.79 dBm	-30.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.14796 GHz	-48.49 dBm	-35.49 dB

Date: 18.DEC.2020 09:32:59

Middle Channel / 64QAM

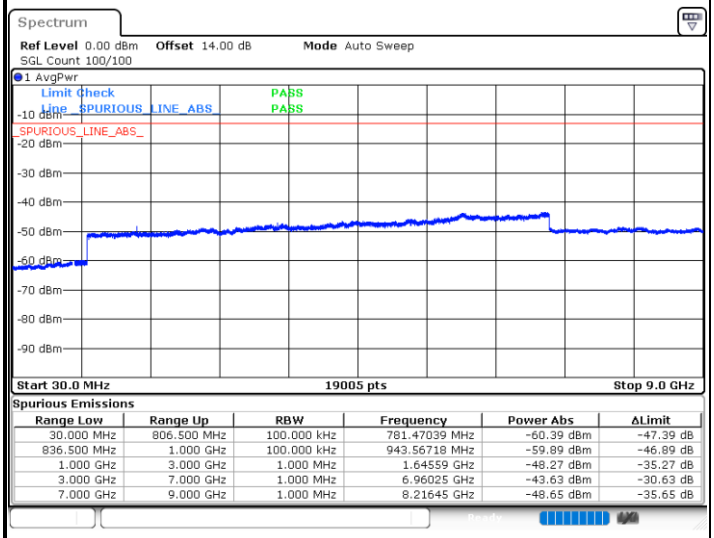


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	793.88818 MHz	-60.39 dBm	-47.39 dB
836.500 MHz	1.000 GHz	100.000 kHz	985.05470 MHz	-59.90 dBm	-46.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63759 GHz	-47.79 dBm	-34.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.88039 GHz	-43.72 dBm	-30.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.96651 GHz	-48.59 dBm	-35.59 dB

Date: 18.DEC.2020 09:51:21

Highest Channel / 64QAM



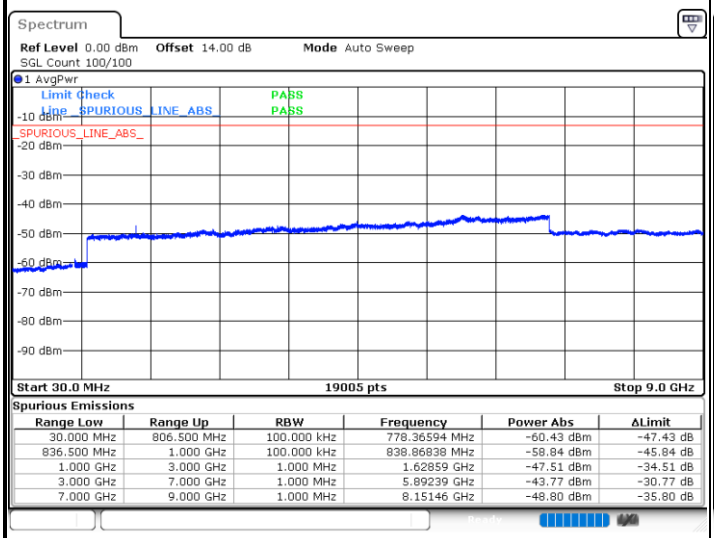
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	781.47039 MHz	-60.39 dBm	-47.39 dB
836.500 MHz	1.000 GHz	100.000 kHz	943.56718 MHz	-59.89 dBm	-46.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64559 GHz	-48.27 dBm	-35.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96025 GHz	-43.63 dBm	-30.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.21645 GHz	-48.65 dBm	-35.65 dB

Date: 18.DEC.2020 10:00:06

LTE Band 26 / 3MHz

Lowest Channel / 64QAM

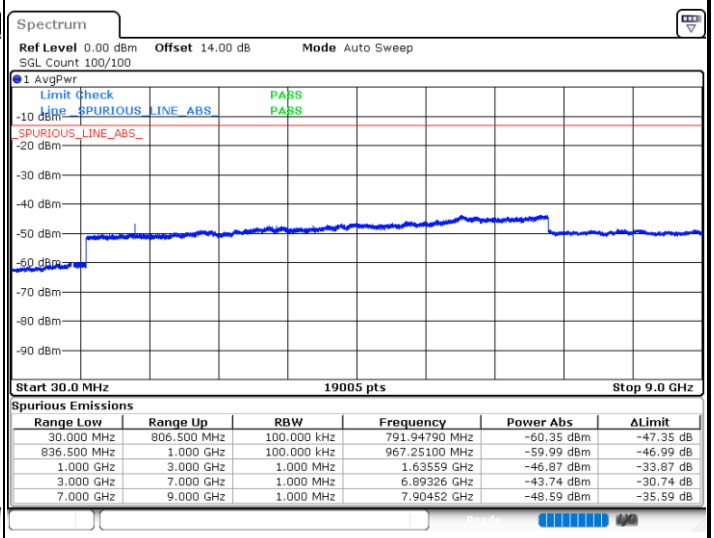


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	778.36594 MHz	-60.43 dBm	-47.43 dB
836.500 MHz	1.000 GHz	100.000 kHz	838.86838 MHz	-58.84 dBm	-45.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89239 GHz	-43.77 dBm	-30.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.15146 GHz	-48.80 dBm	-35.80 dB

Date: 18.DEC.2020 10:36:22

Middle Channel / 64QAM

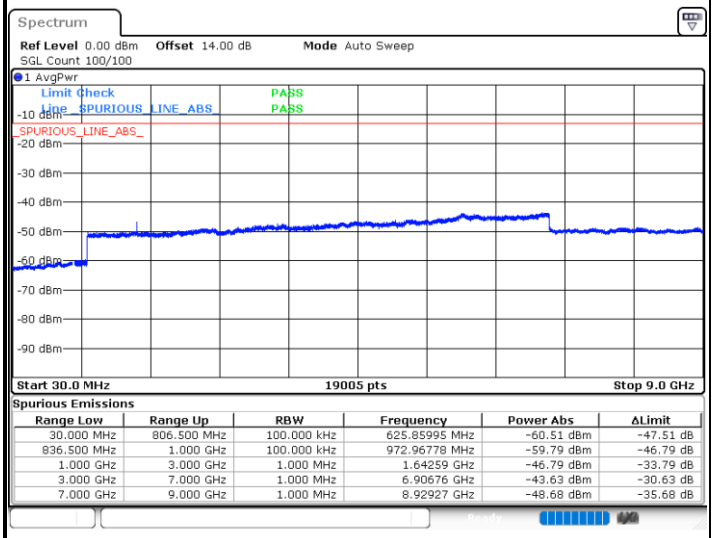


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	791.94790 MHz	-60.35 dBm	-47.35 dB
836.500 MHz	1.000 GHz	100.000 kHz	967.25100 MHz	-59.99 dBm	-46.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89326 GHz	-43.74 dBm	-30.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.90452 GHz	-48.59 dBm	-35.59 dB

Date: 18.DEC.2020 10:37:56

Highest Channel / 64QAM



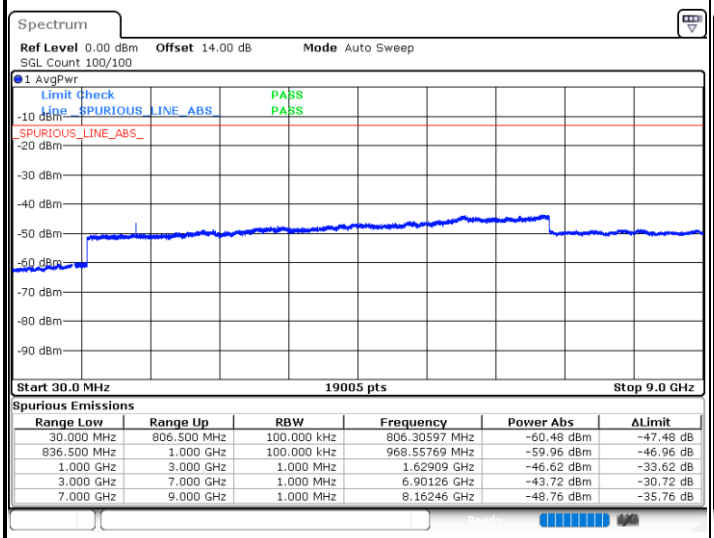
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	625.85995 MHz	-60.51 dBm	-47.51 dB
836.500 MHz	1.000 GHz	100.000 kHz	972.96778 MHz	-59.79 dBm	-46.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64259 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90676 GHz	-43.63 dBm	-30.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92927 GHz	-48.68 dBm	-35.68 dB

Date: 18.DEC.2020 10:39:29

LTE Band 26 / 5MHz

Lowest Channel / 64QAM

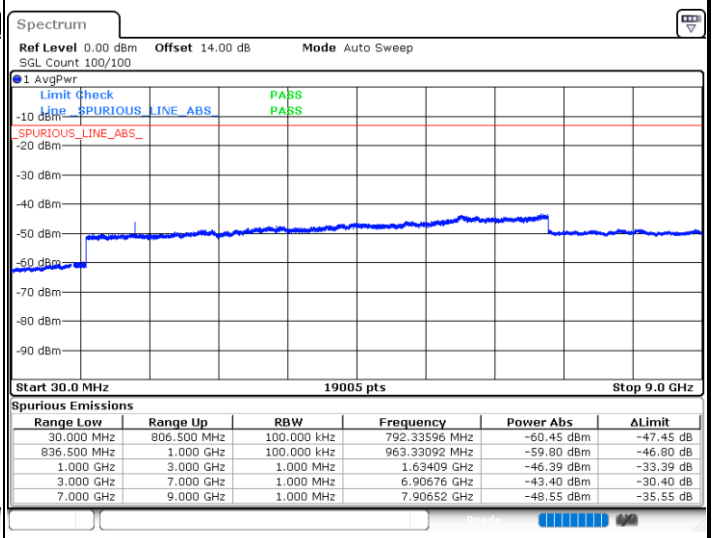


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-60.48 dBm	-47.48 dB
836.500 MHz	1.000 GHz	100.000 kHz	968.55769 MHz	-59.96 dBm	-46.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-46.62 dBm	-33.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-43.72 dBm	-30.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.16246 GHz	-48.76 dBm	-35.76 dB

Date: 18.DEC.2020 11:44:40

Middle Channel / 64QAM

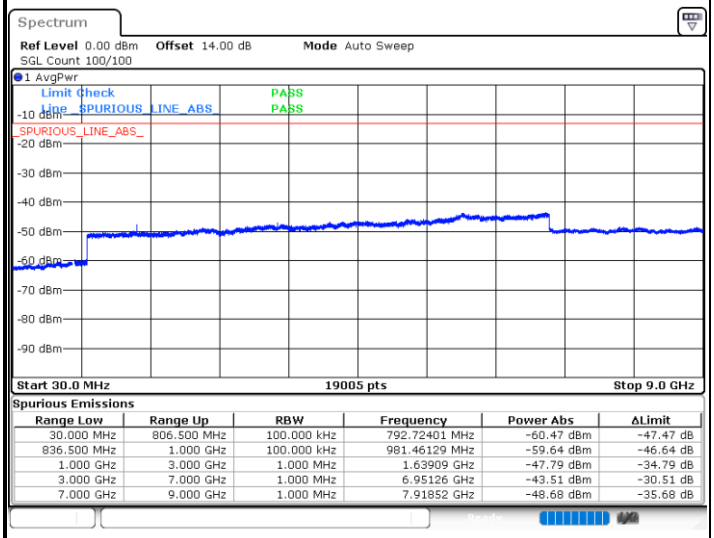


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	792.33596 MHz	-60.45 dBm	-47.45 dB
836.500 MHz	1.000 GHz	100.000 kHz	963.33092 MHz	-59.80 dBm	-46.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-46.39 dBm	-33.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90676 GHz	-43.40 dBm	-30.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.90652 GHz	-48.55 dBm	-35.55 dB

Date: 18.DEC.2020 11:46:13

Highest Channel / 64QAM

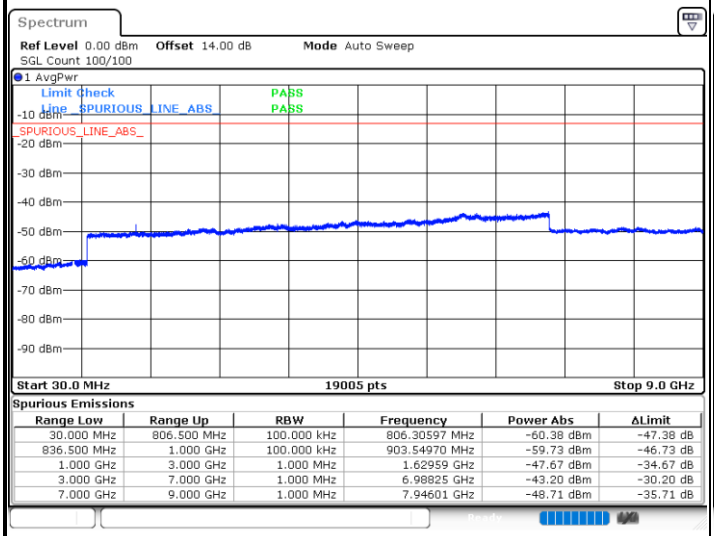


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	792.72401 MHz	-60.47 dBm	-47.47 dB
836.500 MHz	1.000 GHz	100.000 kHz	981.46129 MHz	-59.64 dBm	-46.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63909 GHz	-47.79 dBm	-34.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-43.51 dBm	-30.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.91852 GHz	-48.68 dBm	-35.68 dB

Date: 18.DEC.2020 11:47:47

LTE Band 26 / 10MHz	LTE Band 26 / 15MHz
Middle Channel / 64QAM	**Lowest Channel / 64QAM**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-60.38 dBm	-47.38 dB
836.500 MHz	1.000 GHz	100.000 kHz	903.54970 MHz	-59.73 dBm	-46.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-47.67 dBm	-34.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-43.20 dBm	-30.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.94601 GHz	-48.71 dBm	-35.71 dB

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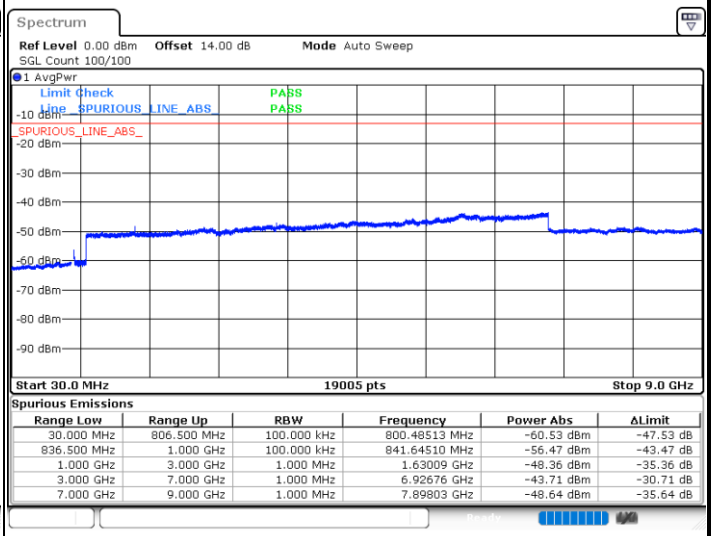

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	800.48513 MHz	-60.53 dBm	-47.53 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.64510 MHz	-56.47 dBm	-43.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63009 GHz	-48.36 dBm	-35.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92676 GHz	-43.71 dBm	-30.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.89803 GHz	-48.64 dBm	-35.64 dB

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Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 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 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649	-66.74	-13	-53.74	-73.00	-69.97	3.98	9.36	H
	2473.5	-64.14	-13	-51.14	-74.49	-67.69	4.85	10.55	H
	3298	-62.80	-13	-49.80	-75.21	-67.73	5.50	12.58	H
	1649	-66.53	-13	-53.53	-72.68	-69.76	3.98	9.36	V
	2473.5	-63.55	-13	-50.55	-74.26	-67.10	4.85	10.55	V
	3298	-62.71	-13	-49.71	-75.58	-67.64	5.50	12.58	V
Middle	1633.5	-65.87	-13	-52.87	-72.18	-69.12	4.00	9.40	H
	2450.25	-64.06	-13	-51.06	-74.46	-67.63	4.88	10.60	H
	3267	-63.42	-13	-50.42	-76.08	-68.35	5.52	12.60	H
	1633.5	-66.29	-13	-53.29	-72.60	-69.54	4.00	9.40	V
	2450.25	-63.60	-13	-50.60	-74.38	-67.17	4.88	10.60	V
	3267	-62.38	-13	-49.38	-75.54	-67.31	5.52	12.60	V
Highest	1638.5	-66.64	-13	-53.64	-72.93	-69.81	4.10	9.42	H
	2457.75	-64.09	-13	-51.09	-74.47	-67.67	4.90	10.63	H
	3277	-63.02	-13	-50.02	-75.60	-67.94	5.55	12.62	H
	1638.5	-66.51	-13	-53.51	-72.77	-69.68	4.10	9.42	V
	2457.75	-63.37	-13	-50.37	-74.12	-66.95	4.90	10.63	V
	3277	-62.63	-13	-49.63	-75.70	-67.55	5.55	12.62	V

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

LTE Band 26 / 10MHz / 16QAM									
Channel	Frequency (MHz)	ERP (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	1629	-66.44	-13	-53.44	-72.76	-69.69	4.00	9.40	H
	2443.5	-64.11	-13	-51.11	-74.53	-67.68	4.88	10.60	H
	3258	-63.12	-13	-50.12	-75.85	-68.05	5.52	12.60	H
	1629	-66.09	-13	-53.09	-72.45	-69.34	4.00	9.40	V
	2443.5	-63.75	-13	-50.75	-74.55	-67.32	4.88	10.60	V
	3258	-62.37	-13	-49.37	-75.62	-67.30	5.52	12.60	V

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

LTE Band 26 / 15MHz / 16QAM									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1639.5	-66.49	-13	-53.49	-72.78	-69.72	3.98	9.36	H
	2459.25	-64.19	-13	-51.19	-74.56	-67.74	4.85	10.55	H
	3279	-63.27	-13	-50.27	-75.83	-68.20	5.50	12.58	H
	1639.5	-66.52	-13	-53.52	-72.77	-69.75	3.98	9.36	V
	2459.25	-63.67	-13	-50.67	-74.41	-67.22	4.85	10.55	V
	3279	-62.86	-13	-49.86	-75.91	-67.79	5.50	12.58	V

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