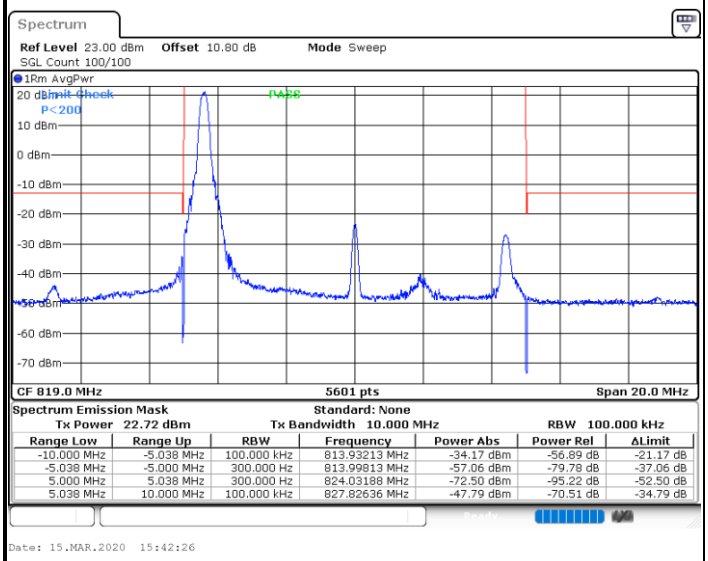
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

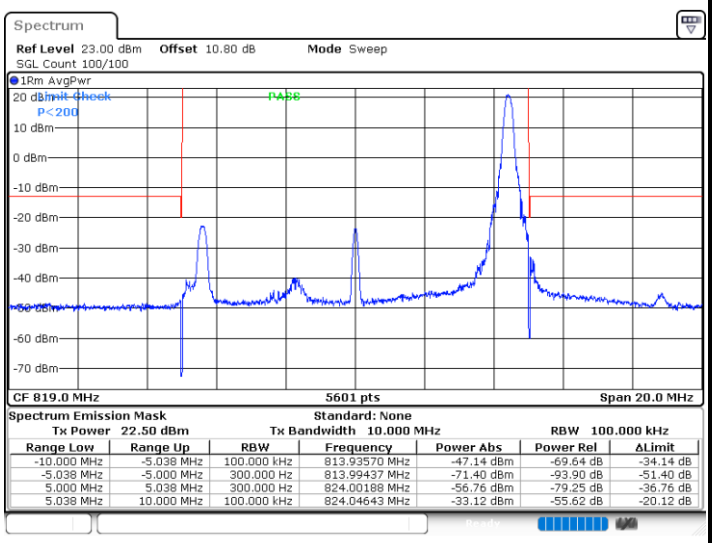


Spectrum Emission Mask Standard: None
Tx Power 22.72 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.93213 MHz	-34.17 dBm	-56.89 dB	-21.17 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-57.06 dBm	-79.78 dB	-37.06 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.03188 MHz	-72.50 dBm	-95.22 dB	-52.50 dB
5.038 MHz	10.000 MHz	100.000 kHz	827.82636 MHz	-47.79 dBm	-70.51 dB	-34.79 dB

Date: 15.MAR.2020 15:42:26

Highest Band Edge / 1 RB

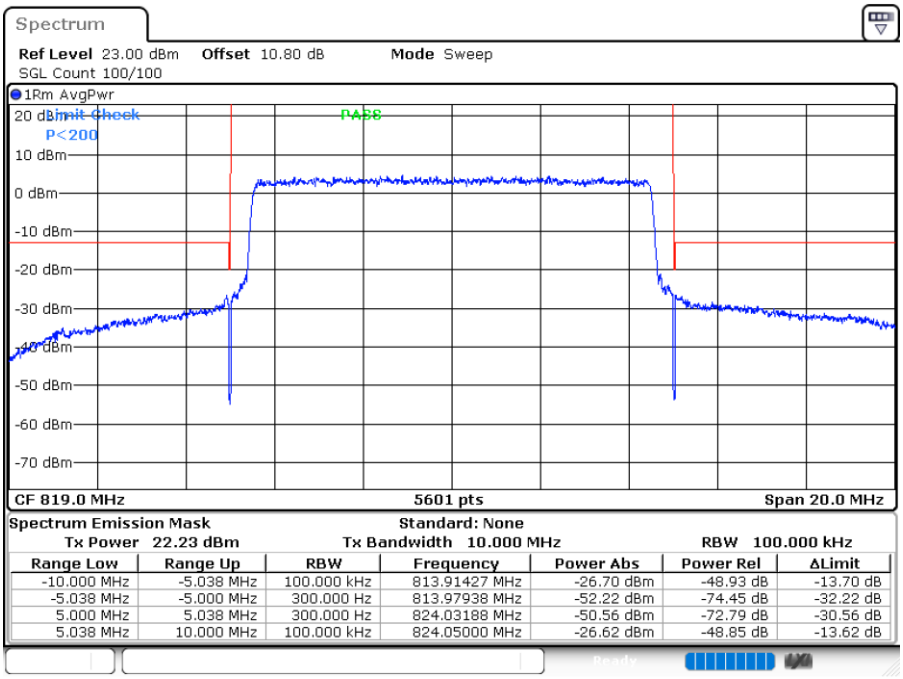


Spectrum Emission Mask Standard: None
Tx Power 22.50 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.93570 MHz	-47.14 dBm	-69.64 dB	-34.14 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99437 MHz	-71.40 dBm	-93.90 dB	-51.40 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-56.76 dBm	-79.25 dB	-36.76 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.04643 MHz	-33.12 dBm	-55.62 dB	-20.12 dB

Date: 15.MAR.2020 15:43:25

Band Edge / Full RB



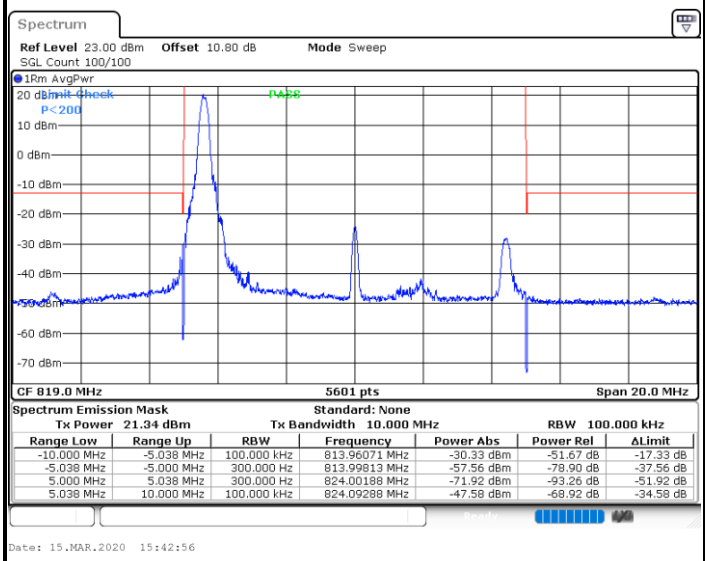
Spectrum Emission Mask Standard: None
Tx Power 22.23 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.91427 MHz	-26.70 dBm	-48.93 dB	-13.70 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.97938 MHz	-52.22 dBm	-74.45 dB	-32.22 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.03188 MHz	-50.56 dBm	-72.79 dB	-30.56 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.05000 MHz	-26.62 dBm	-48.85 dB	-13.62 dB

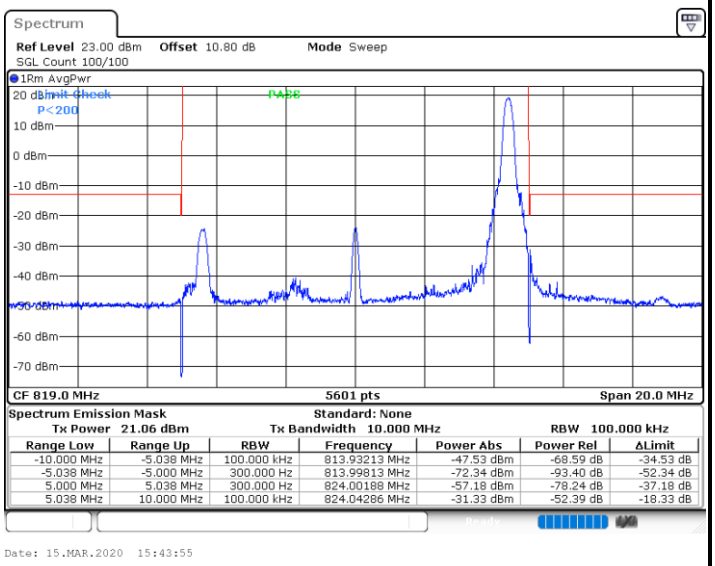
Date: 15.MAR.2020 15:44:24

LTE Band 26 / 10MHz / 16QAM

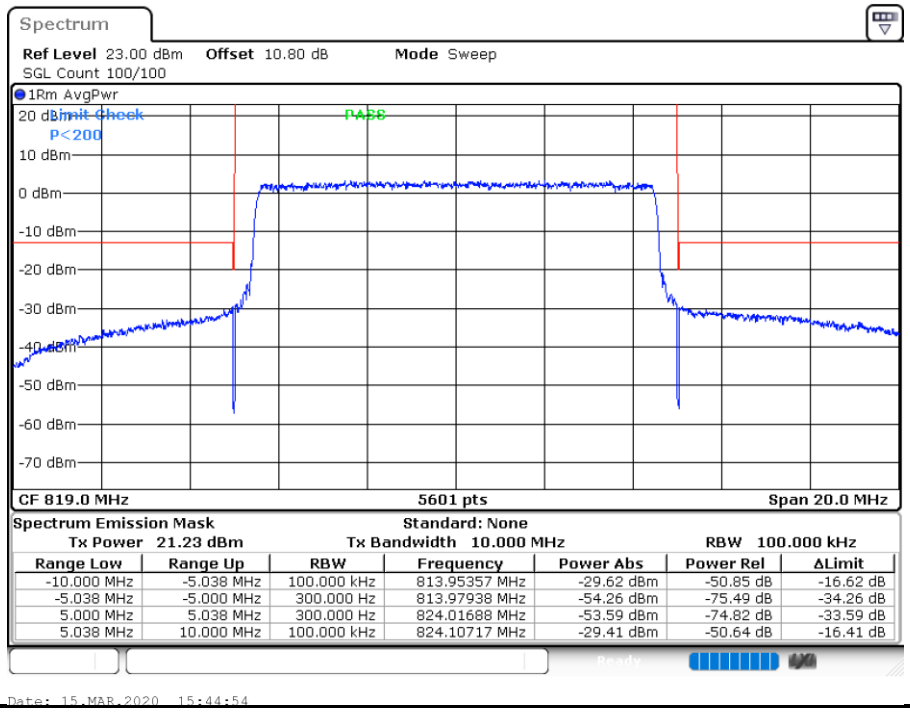
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

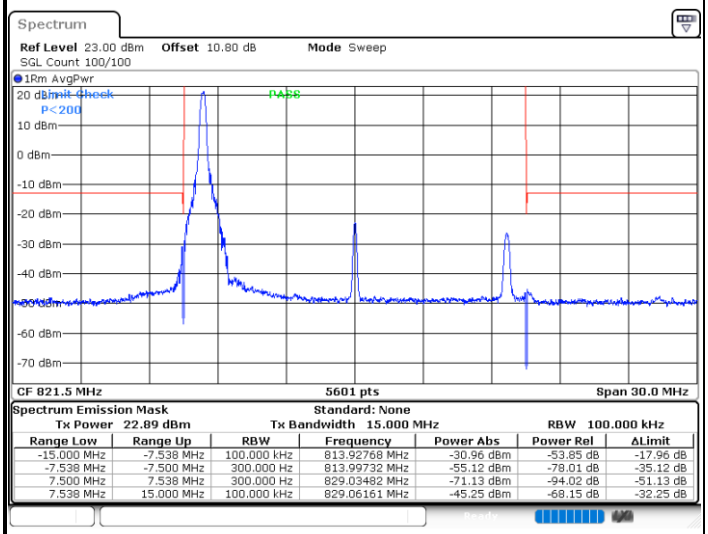


Band Edge / Full RB



LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

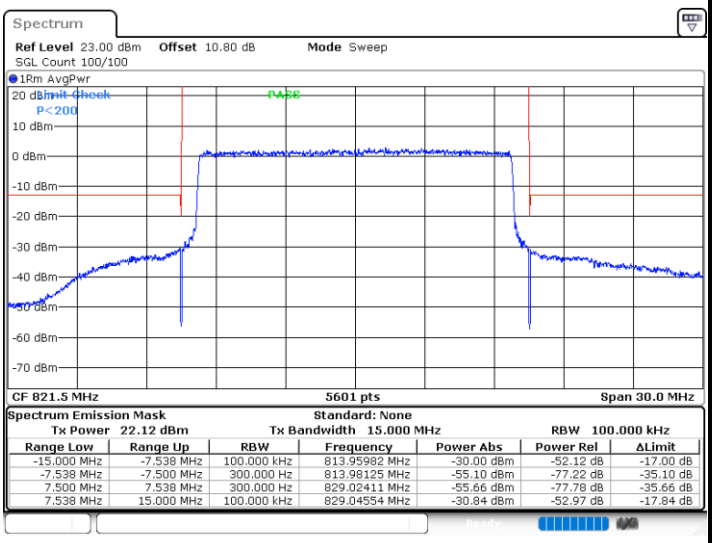


Spectrum Emission Mask Standard: None
Tx Power 22.89 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.92768 MHz	-30.96 dBm	-53.85 dB	-17.96 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-55.12 dBm	-78.01 dB	-35.12 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.03482 MHz	-71.13 dBm	-94.02 dB	-51.13 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.06161 MHz	-45.25 dBm	-68.15 dB	-32.25 dB

Date: 15.MAR.2020 15:45:24

Lowest Band Edge / Full RB



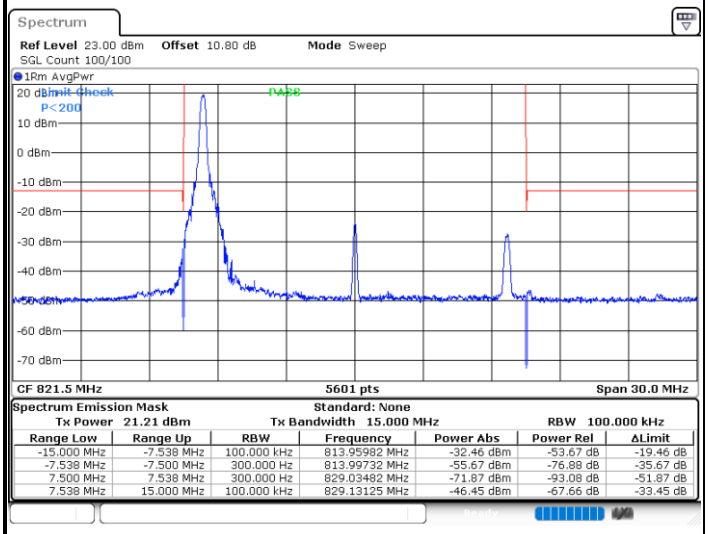
Spectrum Emission Mask Standard: None
Tx Power 22.12 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95982 MHz	-30.00 dBm	-52.12 dB	-17.00 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-55.10 dBm	-77.22 dB	-35.10 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-55.66 dBm	-77.78 dB	-35.66 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.04554 MHz	-30.84 dBm	-52.97 dB	-17.84 dB

Date: 15.MAR.2020 15:47:22

LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

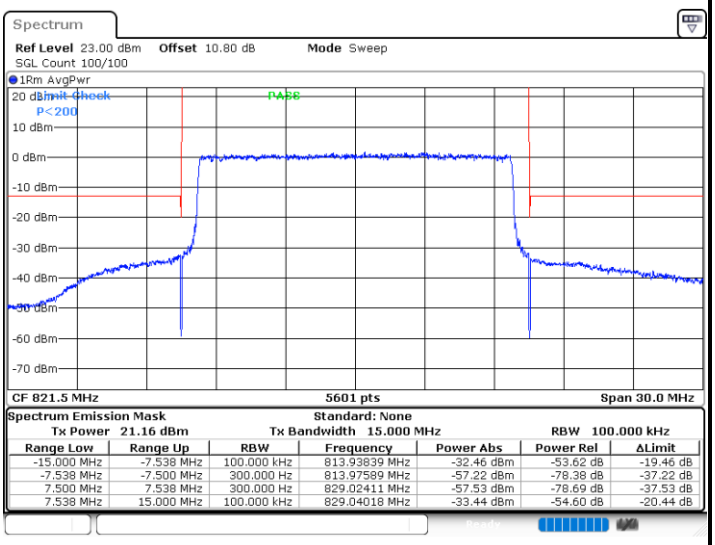


Spectrum Emission Mask Standard: None
Tx Power 21.21 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95982 MHz	-32.46 dBm	-53.67 dB	-19.46 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-55.67 dBm	-76.88 dB	-35.67 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.03482 MHz	-71.87 dBm	-93.08 dB	-51.87 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.13125 MHz	-46.45 dBm	-67.66 dB	-33.45 dB

Date: 15.MAR.2020 15:45:54

Lowest Band Edge / Full RB



Spectrum Emission Mask Standard: None
Tx Power 21.16 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

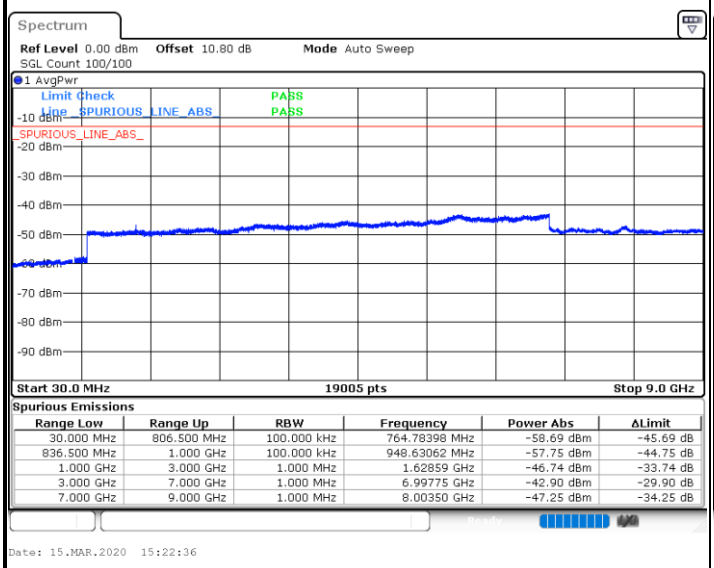
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.93839 MHz	-32.46 dBm	-53.62 dB	-19.46 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.97589 MHz	-57.22 dBm	-78.38 dB	-37.22 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-57.53 dBm	-78.69 dB	-37.53 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.04018 MHz	-33.44 dBm	-54.60 dB	-20.44 dB

Date: 15.MAR.2020 15:47:52

Emission masks – Out of band emissions

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

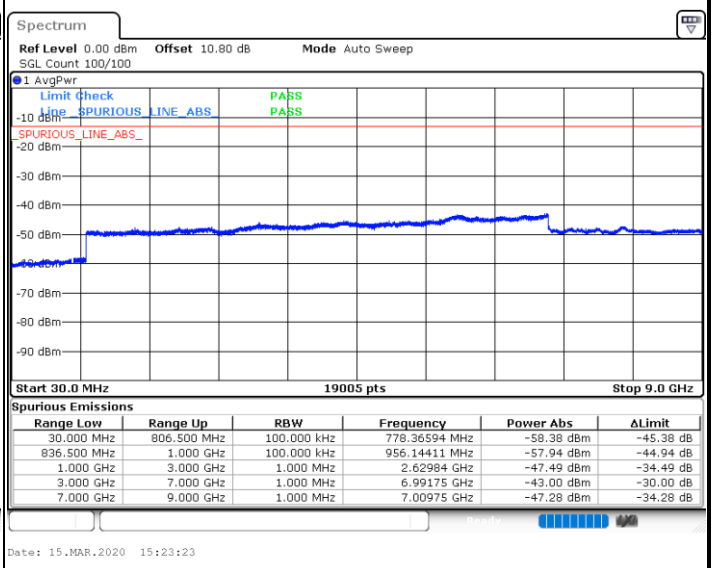


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	764.78398 MHz	-58.69 dBm	-45.69 dB
836.500 MHz	1.000 GHz	100.000 kHz	948.63062 MHz	-57.75 dBm	-44.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62859 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.90 dBm	-29.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00350 GHz	-47.25 dBm	-34.25 dB

Date: 15.MAR.2020 15:22:36

Lowest Channel / 16QAM

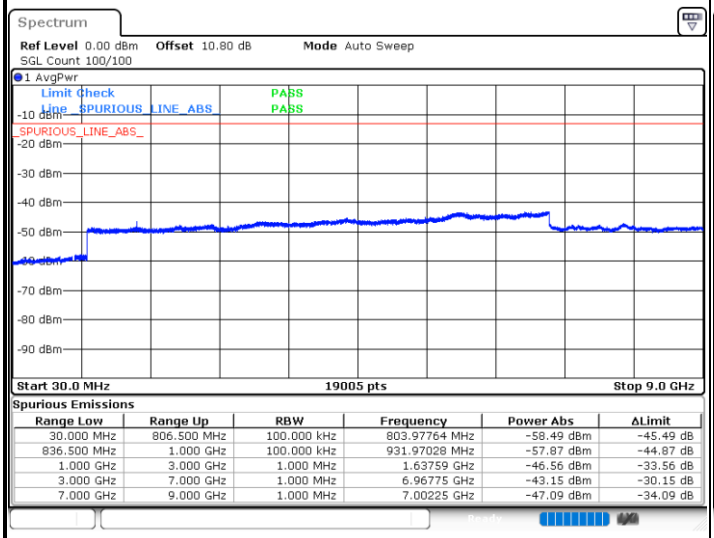


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	778.36594 MHz	-58.38 dBm	-45.38 dB
836.500 MHz	1.000 GHz	100.000 kHz	956.14411 MHz	-57.94 dBm	-44.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62984 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-43.00 dBm	-30.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00975 GHz	-47.28 dBm	-34.28 dB

Date: 15.MAR.2020 15:23:23

Middle Channel / QPSK

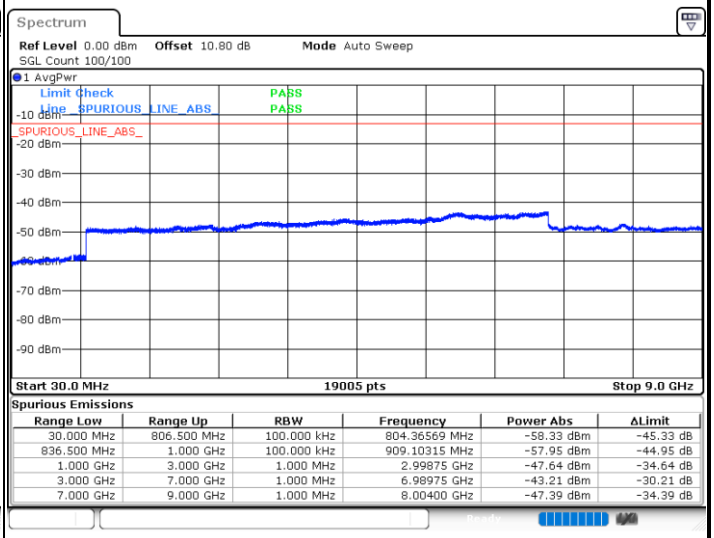


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	803.97764 MHz	-58.49 dBm	-45.49 dB
836.500 MHz	1.000 GHz	100.000 kHz	931.97028 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63759 GHz	-46.56 dBm	-33.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96775 GHz	-43.15 dBm	-30.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00225 GHz	-47.09 dBm	-34.09 dB

Date: 15.MAR.2020 15:24:58

Middle Channel / 16QAM



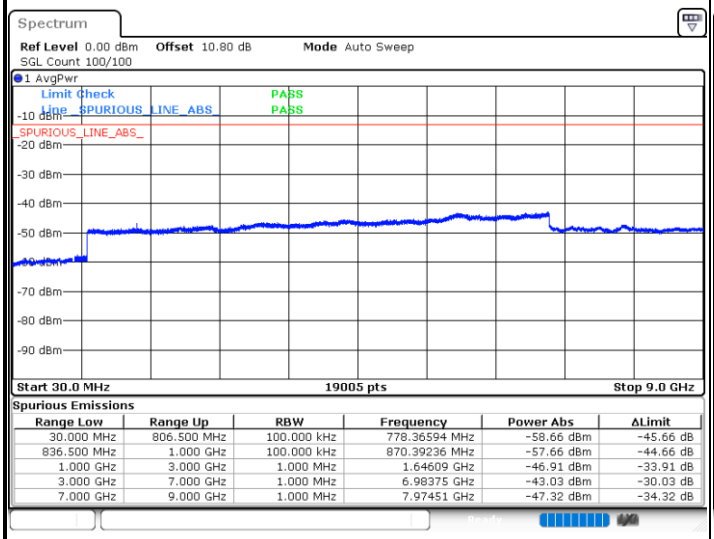
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	804.36569 MHz	-58.33 dBm	-45.33 dB
836.500 MHz	1.000 GHz	100.000 kHz	909.10315 MHz	-57.95 dBm	-44.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99875 GHz	-47.64 dBm	-34.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-43.21 dBm	-30.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00400 GHz	-47.39 dBm	-34.39 dB

Date: 15.MAR.2020 15:25:44

LTE Band 26 / 1.4MHz

Highest Channel / QPSK

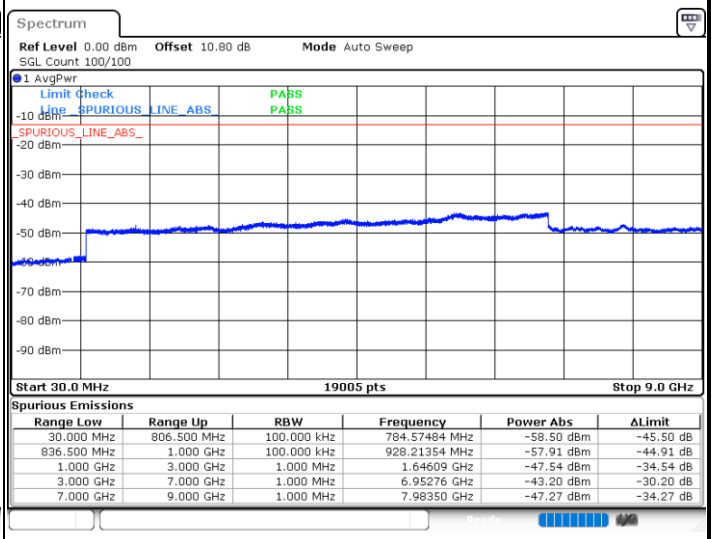


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	778.36594 MHz	-58.66 dBm	-45.66 dB
836.500 MHz	1.000 GHz	100.000 kHz	870.39236 MHz	-57.66 dBm	-44.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64609 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-43.03 dBm	-30.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.97451 GHz	-47.32 dBm	-34.32 dB

Date: 15.MAR.2020 15:27:19

Highest Channel / 16QAM



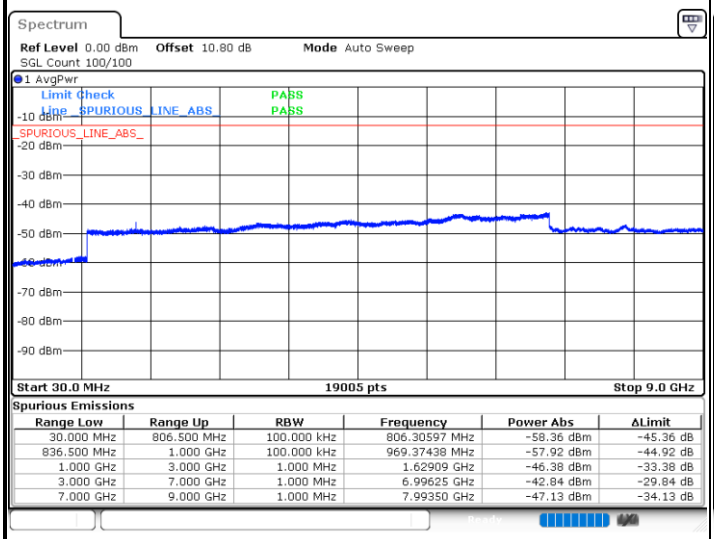
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	784.57484 MHz	-58.50 dBm	-45.50 dB
836.500 MHz	1.000 GHz	100.000 kHz	928.21354 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64609 GHz	-47.54 dBm	-34.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95276 GHz	-43.20 dBm	-30.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.98350 GHz	-47.27 dBm	-34.27 dB

Date: 15.MAR.2020 15:28:06

LTE Band 26 / 3MHz

Lowest Channel / QPSK

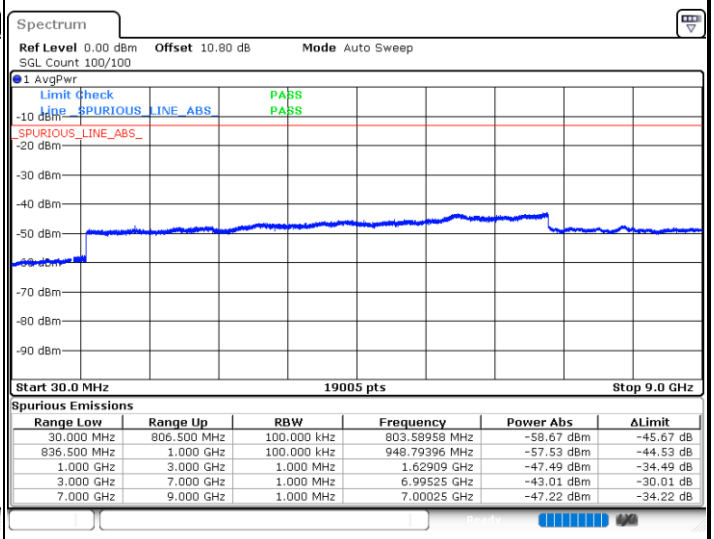


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-58.36 dBm	-45.36 dB
836.500 MHz	1.000 GHz	100.000 kHz	969.37438 MHz	-57.92 dBm	-44.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-46.38 dBm	-33.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-42.84 dBm	-29.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99350 GHz	-47.13 dBm	-34.13 dB

Date: 15.MAR.2020 16:07:21

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	803.58958 MHz	-58.67 dBm	-45.67 dB
836.500 MHz	1.000 GHz	100.000 kHz	948.79396 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.01 dBm	-30.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00025 GHz	-47.22 dBm	-34.22 dB

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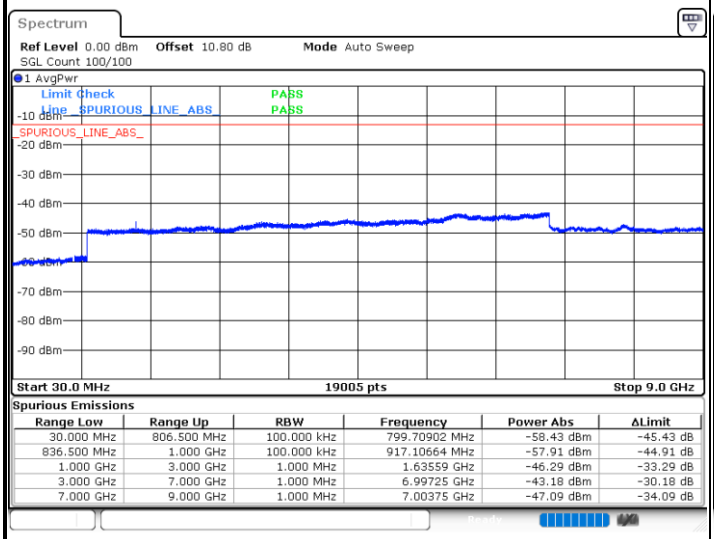
LTE Band 26 / 3MHz

Middle Channel / QPSK

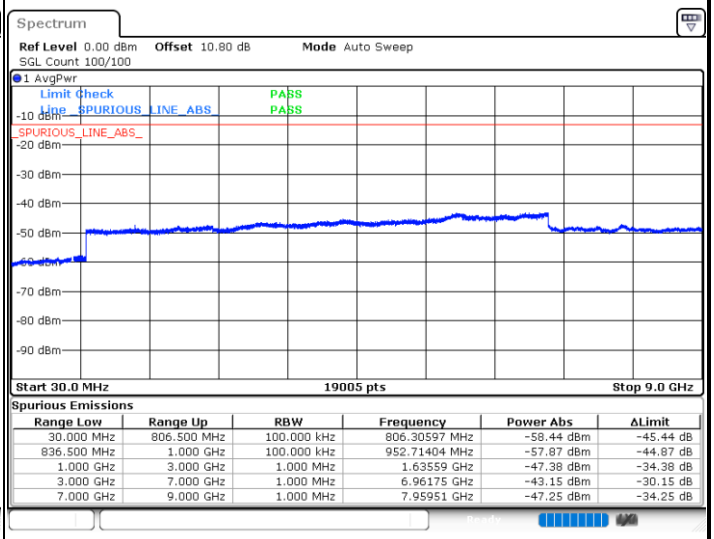


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	799.70902 MHz	-58.43 dBm	-45.43 dB
836.500 MHz	1.000 GHz	100.000 kHz	917.10664 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-46.29 dBm	-33.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-43.18 dBm	-30.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00375 GHz	-47.09 dBm	-34.09 dB

Date: 15.MAR.2020 16:09:42

Middle Channel / 16QAM

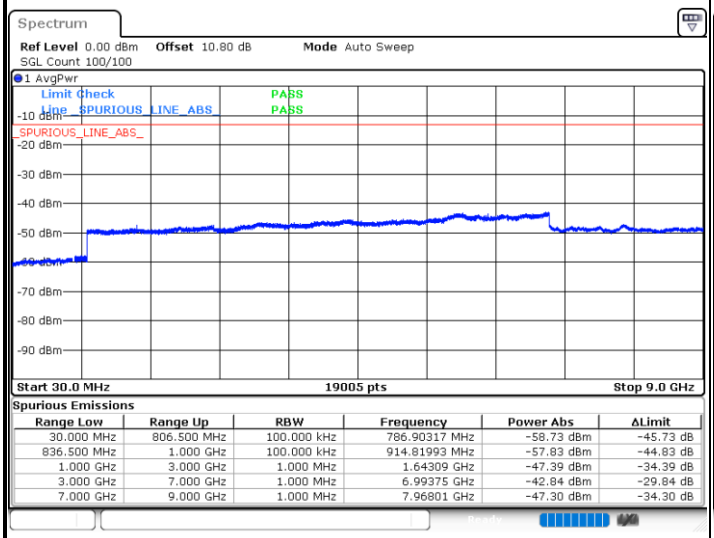


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	806.30597 MHz	-58.44 dBm	-45.44 dB
836.500 MHz	1.000 GHz	100.000 kHz	952.71404 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63559 GHz	-47.38 dBm	-34.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96175 GHz	-43.15 dBm	-30.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.95951 GHz	-47.25 dBm	-34.25 dB

Date: 15.MAR.2020 16:10:28

Highest Channel / QPSK

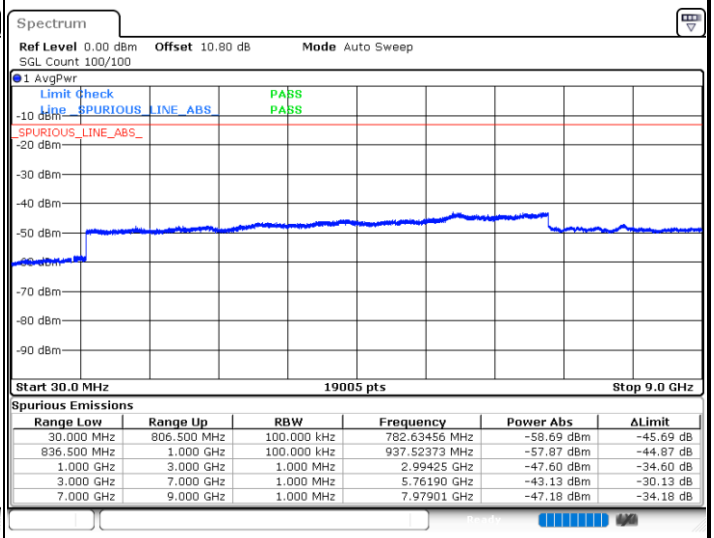


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	786.90317 MHz	-58.73 dBm	-45.73 dB
836.500 MHz	1.000 GHz	100.000 kHz	914.81993 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64309 GHz	-47.39 dBm	-34.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.84 dBm	-29.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.96801 GHz	-47.30 dBm	-34.30 dB

Date: 15.MAR.2020 16:12:03

Highest Channel / 16QAM



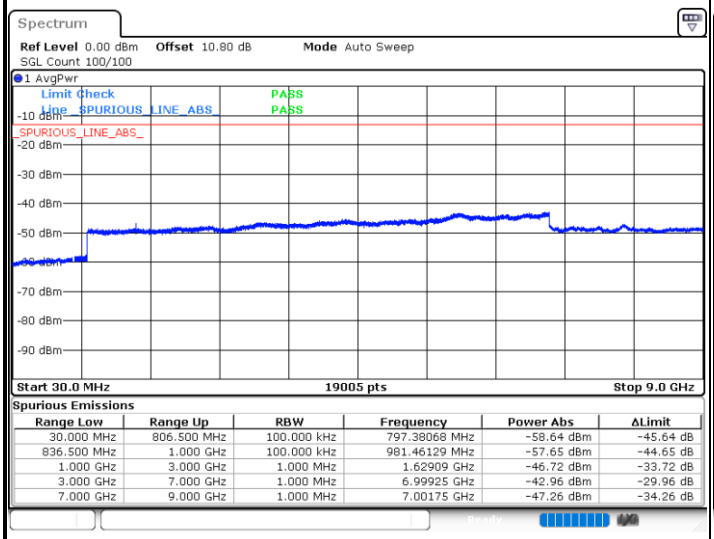
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	782.63456 MHz	-58.69 dBm	-45.69 dB
836.500 MHz	1.000 GHz	100.000 kHz	937.52373 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99425 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.76190 GHz	-43.13 dBm	-30.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.97901 GHz	-47.18 dBm	-34.18 dB

Date: 15.MAR.2020 16:12:49

LTE Band 26 / 5MHz

Lowest Channel / QPSK

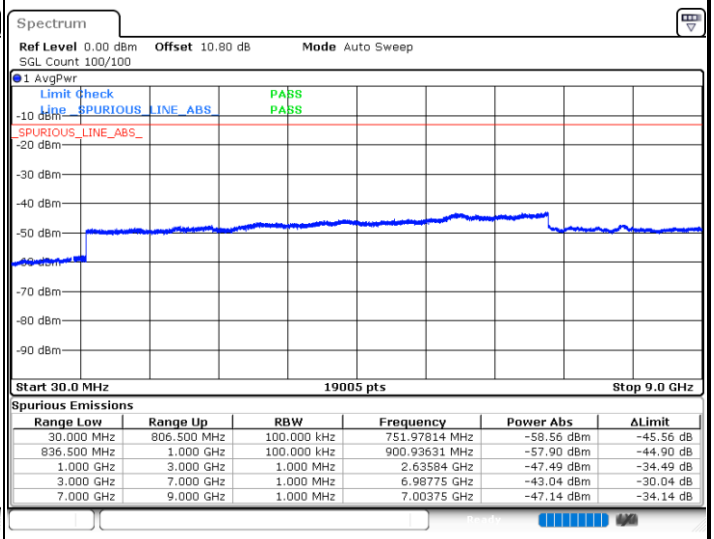


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	797.38068 MHz	-58.64 dBm	-45.64 dB
836.500 MHz	1.000 GHz	100.000 kHz	981.46129 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62909 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-42.96 dBm	-29.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00175 GHz	-47.26 dBm	-34.26 dB

Date: 15.MAR.2020 16:14:24

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	751.97814 MHz	-58.56 dBm	-45.56 dB
836.500 MHz	1.000 GHz	100.000 kHz	900.93631 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63584 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-43.04 dBm	-30.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00375 GHz	-47.14 dBm	-34.14 dB

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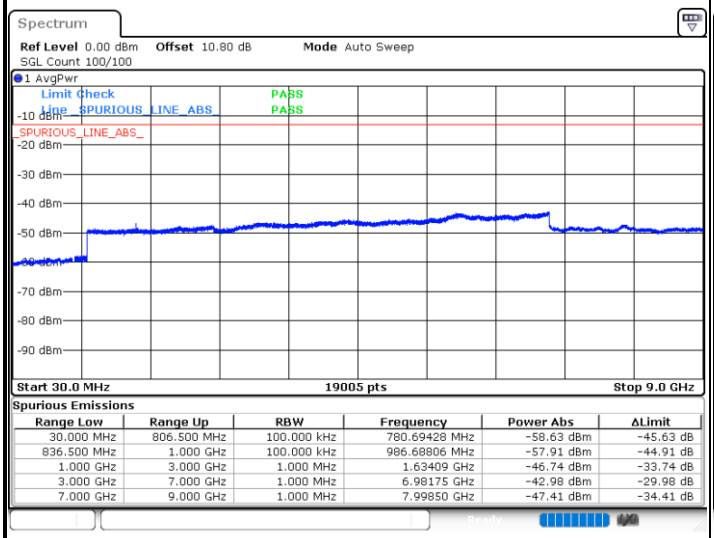
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	780.69428 MHz	-58.63 dBm	-45.63 dB
836.500 MHz	1.000 GHz	100.000 kHz	986.68806 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63409 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98175 GHz	-42.98 dBm	-29.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99850 GHz	-47.41 dBm	-34.41 dB

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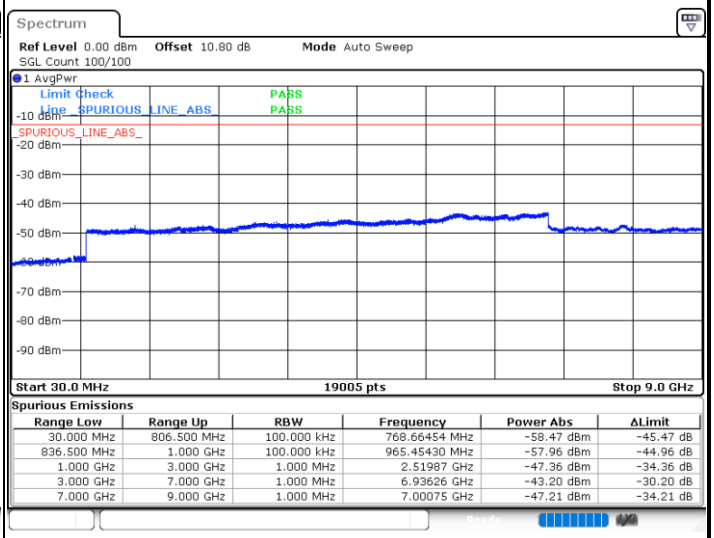
Middle Channel / 16QAM



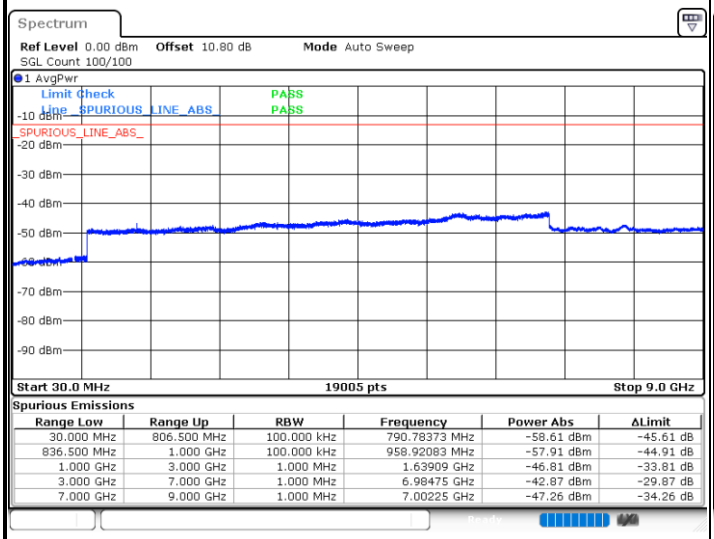
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	768.66454 MHz	-58.47 dBm	-45.47 dB
836.500 MHz	1.000 GHz	100.000 kHz	965.45430 MHz	-57.96 dBm	-44.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51987 GHz	-47.36 dBm	-34.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93626 GHz	-43.20 dBm	-30.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00075 GHz	-47.21 dBm	-34.21 dB

Date: 15.MAR.2020 16:17:31

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	790.78373 MHz	-58.61 dBm	-45.61 dB
836.500 MHz	1.000 GHz	100.000 kHz	958.92083 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63909 GHz	-46.81 dBm	-33.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-42.87 dBm	-29.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00225 GHz	-47.26 dBm	-34.26 dB

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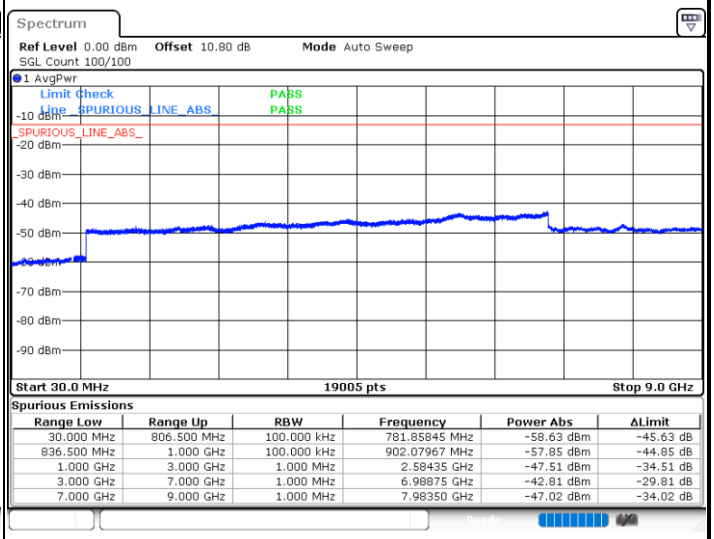
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	781.85845 MHz	-58.63 dBm	-45.63 dB
836.500 MHz	1.000 GHz	100.000 kHz	902.07967 MHz	-57.85 dBm	-44.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.58435 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-42.81 dBm	-29.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.98350 GHz	-47.02 dBm	-34.02 dB

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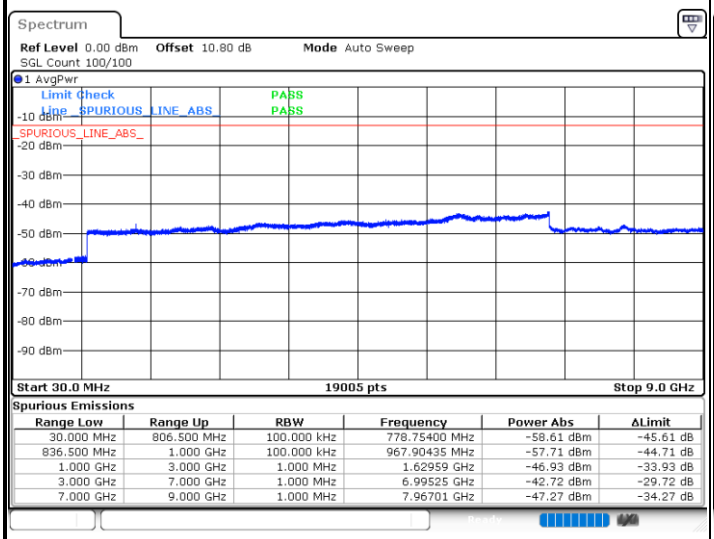
LTE Band 26 / 10MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	778.75400 MHz	-58.61 dBm	-45.61 dB
836.500 MHz	1.000 GHz	100.000 kHz	967.90435 MHz	-57.71 dBm	-44.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.62959 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-42.72 dBm	-29.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.96701 GHz	-47.27 dBm	-34.27 dB

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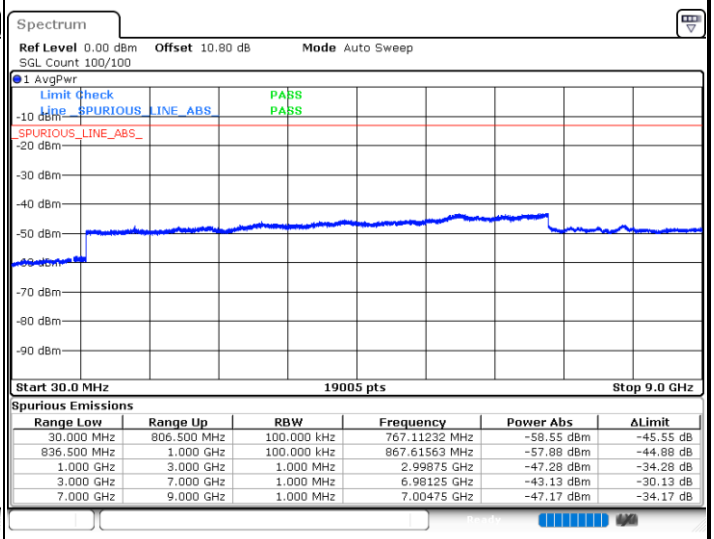
Middle Channel / 16QAM



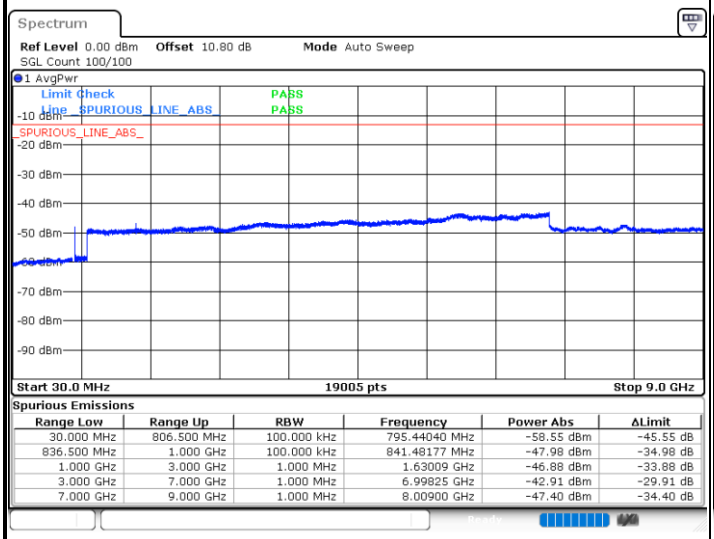
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	767.11232 MHz	-58.55 dBm	-45.55 dB
836.500 MHz	1.000 GHz	100.000 kHz	867.61563 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99875 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-43.13 dBm	-30.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00475 GHz	-47.17 dBm	-34.17 dB

Date: 15.MAR.2020 16:22:14

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	795.44040 MHz	-58.55 dBm	-45.55 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.48177 MHz	-47.98 dBm	-34.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.63009 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.91 dBm	-29.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00900 GHz	-47.40 dBm	-34.40 dB

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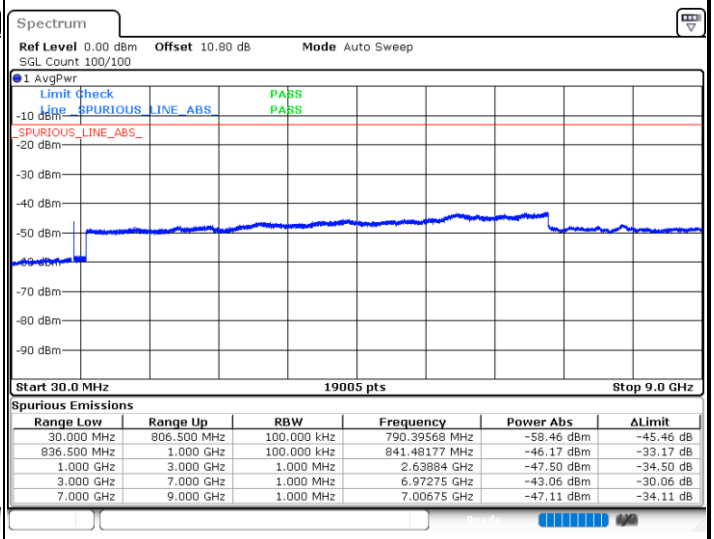
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	790.39568 MHz	-58.46 dBm	-45.46 dB
836.500 MHz	1.000 GHz	100.000 kHz	841.48177 MHz	-46.17 dBm	-33.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63884 GHz	-47.50 dBm	-34.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97275 GHz	-43.06 dBm	-30.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00675 GHz	-47.11 dBm	-34.11 dB

Date: 15.MAR.2020 16:24:35

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	0.0009	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0105	
-20	Normal Voltage	0.0089	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0145	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0063	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.2 V.
2. 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	0.0156	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0157	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0156	
0	Normal Voltage	0.0195	
-10	Normal Voltage	0.0138	
-20	Normal Voltage	0.0163	
-30	Normal Voltage	0.0168	
20	Maximum Voltage	0.0125	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0057	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = -12.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.81	0.3027	10.06	0.0101
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	37	23.82	0.2410	9.07	0.0081
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 100W			Result		PASS	

Radiated Spurious Emission

Part 90S LTE Band 26

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	1640	-54.14	-13	-41.14	-64.91	-59.96	0.69	8.66	H
	2457	-49.84	-13	-36.84	-65.52	-57.48	0.94	10.74	H
	3276	-48.34	-13	-35.34	-66.31	-56.80	1.20	11.81	H
									H
	1640	-53.85	-13	-40.85	-64.49	-59.67	0.69	8.66	V
	2457	-50.21	-13	-37.21	-65.92	-57.85	0.94	10.74	V
	3276	-48.74	-13	-35.74	-66.62	-57.20	1.20	11.81	V
									V
Middle	1640	-54.28	-13	-41.28	-65.05	-60.10	0.69	8.66	H
	2457	-50.32	-13	-37.32	-66	-57.96	0.94	10.74	H
	3276	-48.85	-13	-35.85	-66.82	-57.31	1.20	11.81	H
									H
	1640	-53.18	-13	-40.18	-63.82	-59.00	0.69	8.66	V
	2457	-49.36	-13	-36.36	-65.05	-57.00	0.94	10.74	V
	3276	-48.60	-13	-35.60	-66.48	-57.06	1.20	11.81	V
									V
Highest	1640	-54.46	-13	-41.46	-65.23	-60.28	0.69	8.66	H
	2464.5	-50.16	-13	-37.16	-65.83	-57.81	0.95	10.75	H
	3286	-48.56	-13	-35.56	-66.5	-57.04	1.20	11.83	H
									H
	1640	-48.75	-13	-35.75	-64.21	-54.57	0.69	8.66	V
	2464.5	-43.21	-13	-30.21	-65.55	-50.86	0.95	10.75	V
	3286	-41.15	-13	-28.15	-66.45	-49.63	1.20	11.83	V
									V

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

LTE Band 26 / 10MHz / 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)
Middle	1646.82	-53.63	-13	-40.63	-64.43	-59.47	0.69	8.68	H
	2470.23	-49.60	-13	-36.60	-65.28	-57.26	0.95	10.76	H
	3293.64	-48.55	-13	-35.55	-66.47	-57.04	1.20	11.84	H
									H
	1646.82	-53.15	-13	-40.15	-63.83	-58.99	0.69	8.68	V
	2470.23	-50.28	-13	-37.28	-65.97	-57.94	0.95	10.76	V
	3293.64	-48.18	-13	-35.18	-65.96	-56.67	1.20	11.84	V
									V

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

LTE Band 26 / 15MHz / 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	1629.68	-54.24	-13	-41.24	-64.96	-60.02	0.68	8.62	H
	2444.52	-49.99	-13	-36.99	-65.67	-57.62	0.94	10.72	H
	3259.36	-48.01	-13	-35.01	-66.02	-56.44	1.19	11.77	H
									H
	1629.68	-51.29	-13	-38.29	-61.87	-57.07	0.68	8.62	V
	2444.52	-50.24	-13	-37.24	-65.98	-57.87	0.94	10.72	V
	3259.36	-48.68	-13	-35.68	-66.65	-57.11	1.19	11.77	V
									V

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