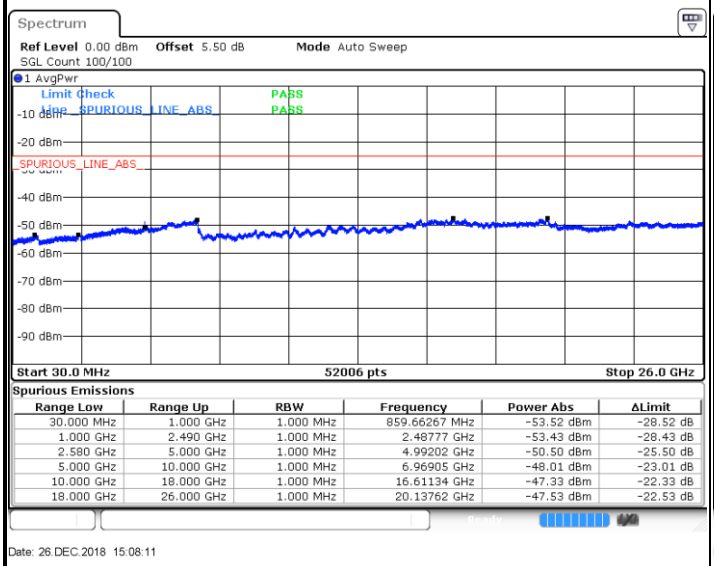
LTE Band 7 / 5MHz

Lowest Channel / 64QAM

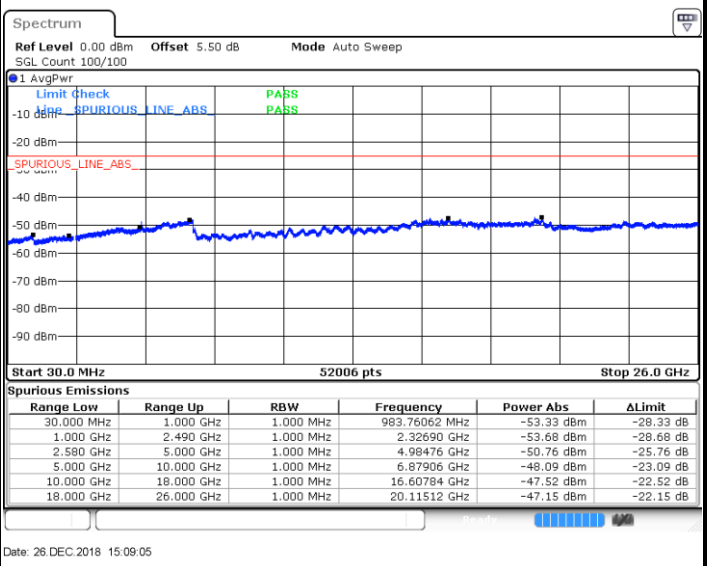


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.66267 MHz	-53.52 dBm	-28.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-53.43 dBm	-28.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99202 GHz	-50.50 dBm	-25.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96905 GHz	-48.01 dBm	-23.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.61134 GHz	-47.33 dBm	-22.33 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.13762 GHz	-47.53 dBm	-22.53 dB

Date: 26.DEC.2018 15:08:11

Middle Channel / 64QAM

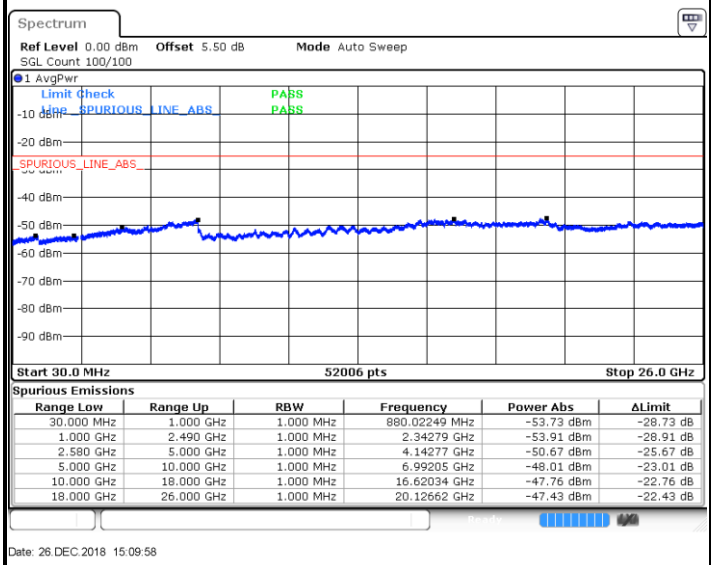


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-53.33 dBm	-28.33 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32690 GHz	-53.68 dBm	-28.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-50.76 dBm	-25.76 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87906 GHz	-48.09 dBm	-23.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60784 GHz	-47.52 dBm	-22.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.11512 GHz	-47.15 dBm	-22.15 dB

Date: 26.DEC.2018 15:09:05

Highest Channel / 64QAM



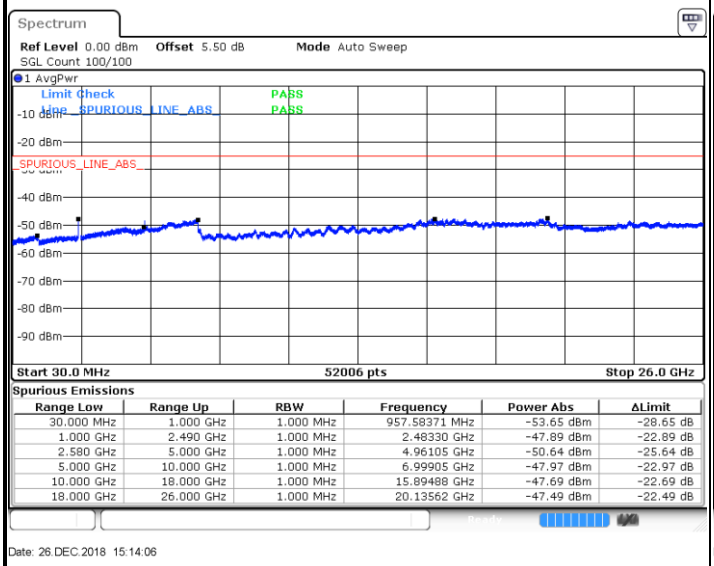
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-53.73 dBm	-28.73 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34279 GHz	-53.91 dBm	-28.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.14277 GHz	-50.67 dBm	-25.67 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99205 GHz	-48.01 dBm	-23.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.62034 GHz	-47.76 dBm	-22.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.12662 GHz	-47.43 dBm	-22.43 dB

Date: 26.DEC.2018 15:09:58

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

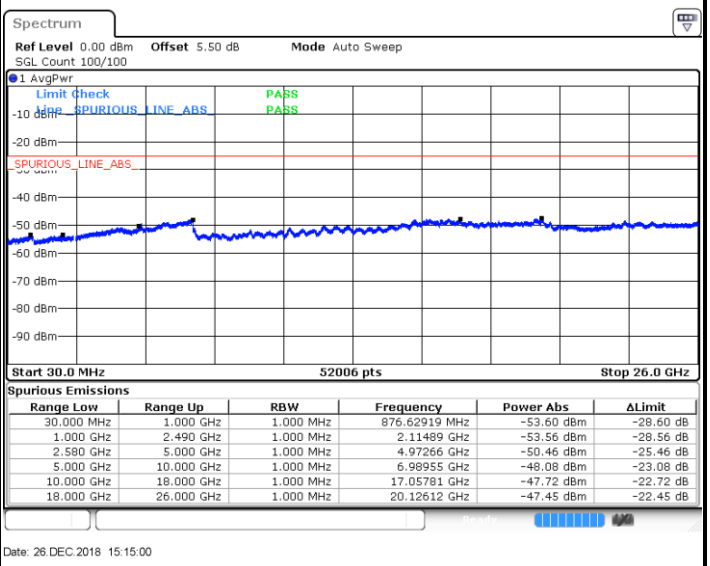


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-53.65 dBm	-28.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-47.89 dBm	-22.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96105 GHz	-50.64 dBm	-25.64 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-47.97 dBm	-22.97 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.89488 GHz	-47.69 dBm	-22.69 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.13562 GHz	-47.49 dBm	-22.49 dB

Date: 26.DEC.2018 15:14:06

Middle Channel / 64QAM

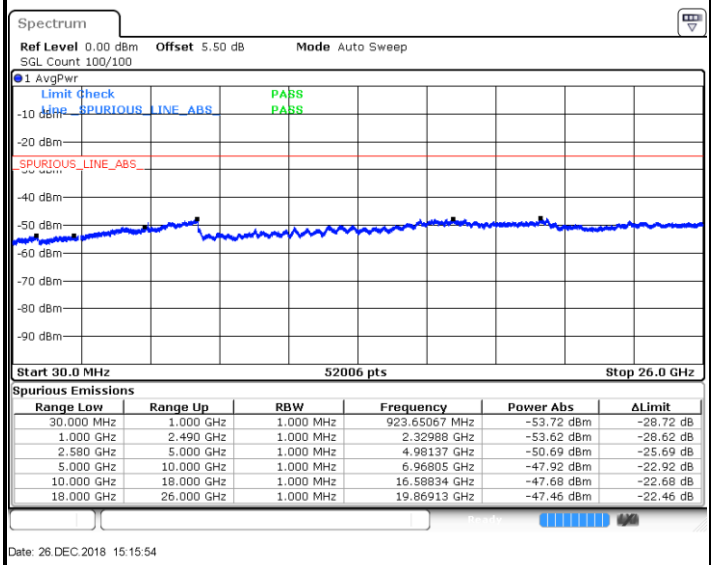


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.62919 MHz	-53.60 dBm	-28.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11489 GHz	-53.56 dBm	-28.56 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97266 GHz	-50.46 dBm	-25.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-48.08 dBm	-23.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.05781 GHz	-47.72 dBm	-22.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.12612 GHz	-47.45 dBm	-22.45 dB

Date: 26.DEC.2018 15:15:00

Highest Channel / 64QAM



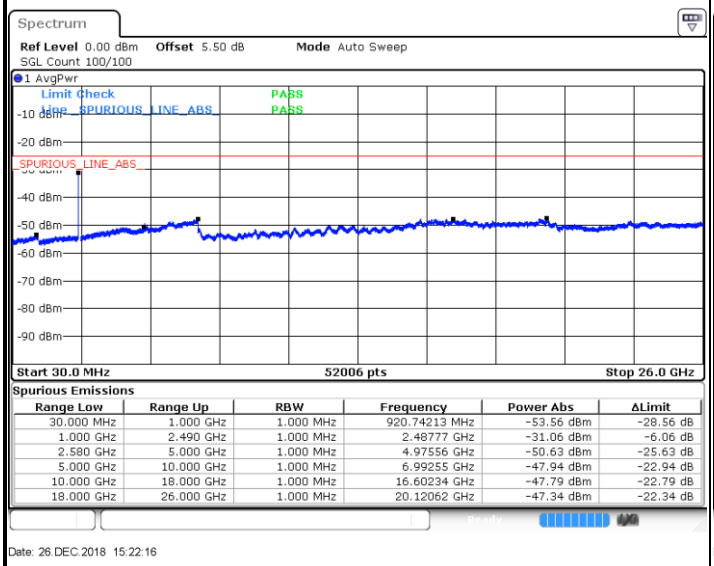
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-53.72 dBm	-28.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32988 GHz	-53.62 dBm	-28.62 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98137 GHz	-50.69 dBm	-25.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96805 GHz	-47.92 dBm	-22.92 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.58834 GHz	-47.68 dBm	-22.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86913 GHz	-47.46 dBm	-22.46 dB

Date: 26.DEC.2018 15:15:54

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

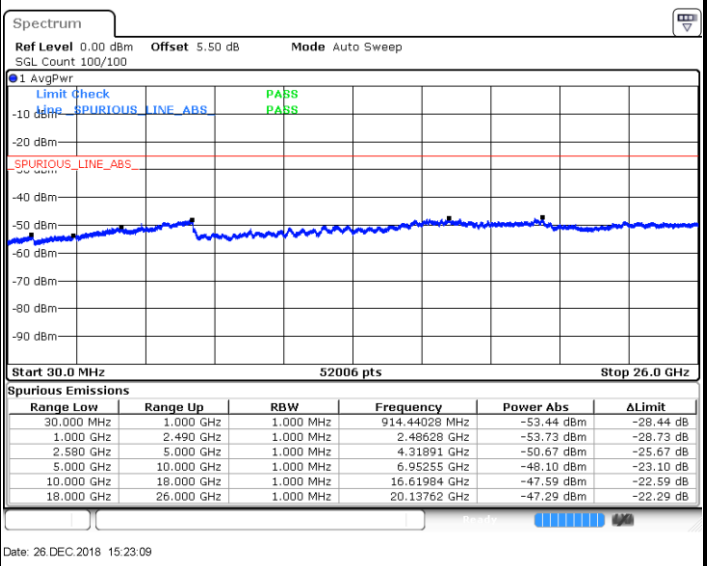


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-53.56 dBm	-28.56 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-31.06 dBm	-6.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97556 GHz	-50.63 dBm	-25.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-47.94 dBm	-22.94 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60234 GHz	-47.79 dBm	-22.79 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.12052 GHz	-47.34 dBm	-22.34 dB

Date: 26.DEC.2018 15:22:16

Middle Channel / 64QAM

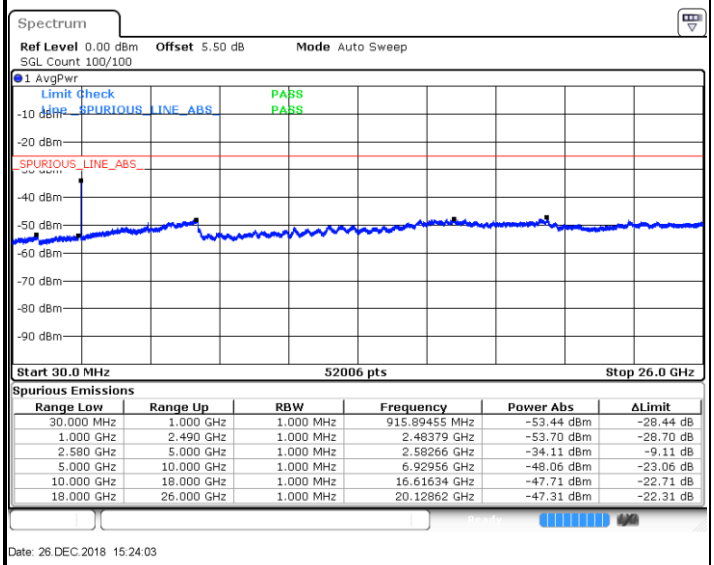


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-53.44 dBm	-28.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-53.73 dBm	-28.73 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31891 GHz	-50.67 dBm	-25.67 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95255 GHz	-48.10 dBm	-23.10 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.61984 GHz	-47.59 dBm	-22.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.13762 GHz	-47.29 dBm	-22.29 dB

Date: 26.DEC.2018 15:23:09

Highest Channel / 64QAM



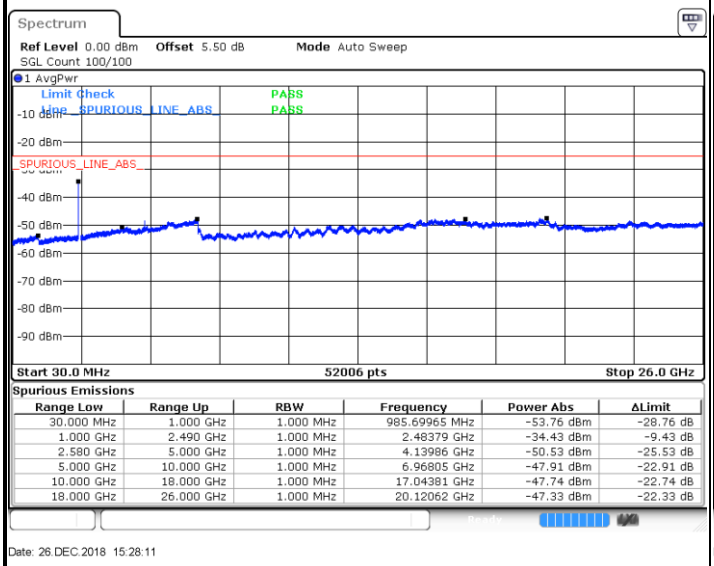
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.89455 MHz	-53.44 dBm	-28.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-53.70 dBm	-28.70 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-34.11 dBm	-9.11 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92956 GHz	-48.06 dBm	-23.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.61634 GHz	-47.71 dBm	-22.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.12862 GHz	-47.31 dBm	-22.31 dB

Date: 26.DEC.2018 15:24:03

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

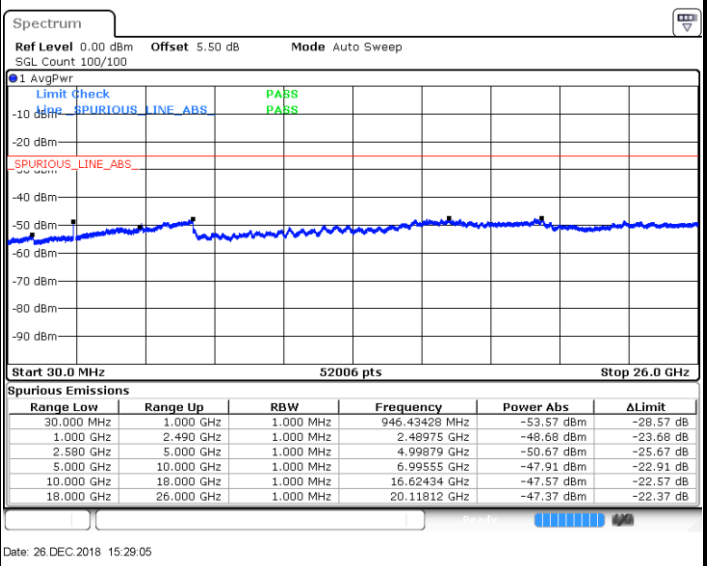


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-53.76 dBm	-28.76 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-34.43 dBm	-9.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.13986 GHz	-50.53 dBm	-25.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96805 GHz	-47.91 dBm	-22.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04381 GHz	-47.74 dBm	-22.74 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.12052 GHz	-47.33 dBm	-22.33 dB

Date: 26.DEC.2018 15:28:11

Middle Channel / 64QAM

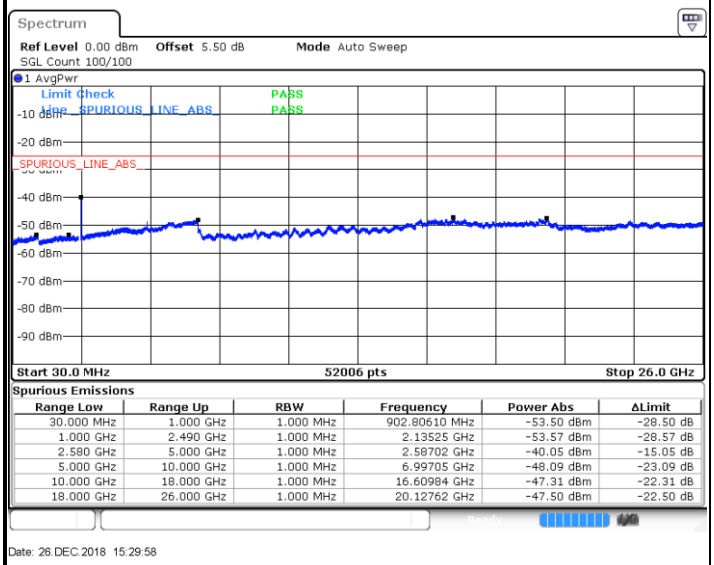


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-53.57 dBm	-28.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-48.68 dBm	-23.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99879 GHz	-50.67 dBm	-25.67 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99555 GHz	-47.91 dBm	-22.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.62434 GHz	-47.57 dBm	-22.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.11812 GHz	-47.37 dBm	-22.37 dB

Date: 26.DEC.2018 15:29:05

Highest Channel / 64QAM



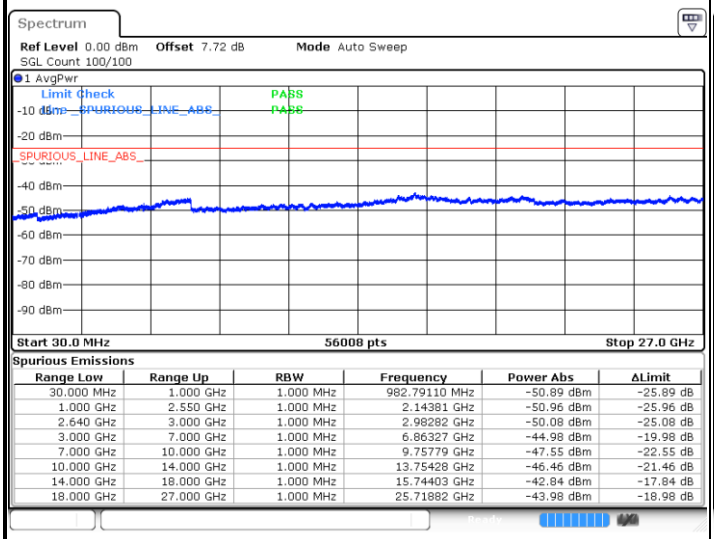
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-53.50 dBm	-28.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13525 GHz	-53.57 dBm	-28.57 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-40.05 dBm	-15.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99705 GHz	-48.09 dBm	-23.09 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60984 GHz	-47.31 dBm	-22.31 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.12762 GHz	-47.50 dBm	-22.50 dB

Date: 26.DEC.2018 15:29:58

LTE Band 38 / 5MHz

Lowest Channel / QPSK

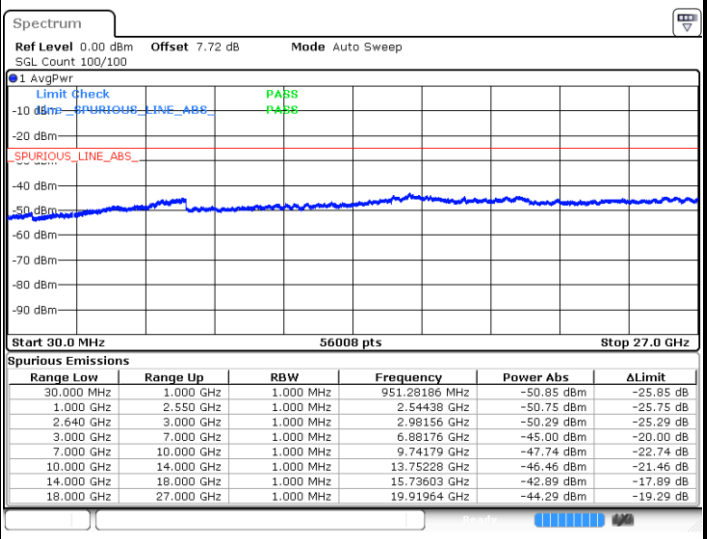


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-50.89 dBm	-25.89 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14381 GHz	-50.96 dBm	-25.96 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98282 GHz	-50.08 dBm	-25.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86327 GHz	-44.98 dBm	-19.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75779 GHz	-47.55 dBm	-22.55 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75428 GHz	-46.46 dBm	-21.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74403 GHz	-42.84 dBm	-17.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.71882 GHz	-43.98 dBm	-18.98 dB

Date: 28.DEC.2018 10:00:32

Lowest Channel / 16QAM

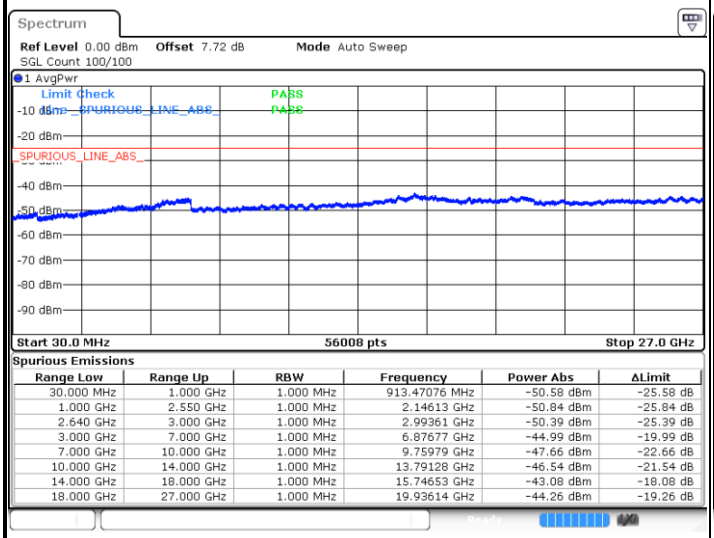


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.28186 MHz	-50.85 dBm	-25.85 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54438 GHz	-50.75 dBm	-25.75 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98156 GHz	-50.29 dBm	-25.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88176 GHz	-45.00 dBm	-20.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74179 GHz	-47.74 dBm	-22.74 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75228 GHz	-46.46 dBm	-21.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73603 GHz	-42.89 dBm	-17.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91964 GHz	-44.29 dBm	-19.29 dB

Date: 28.DEC.2018 10:01:27

Middle Channel / QPSK

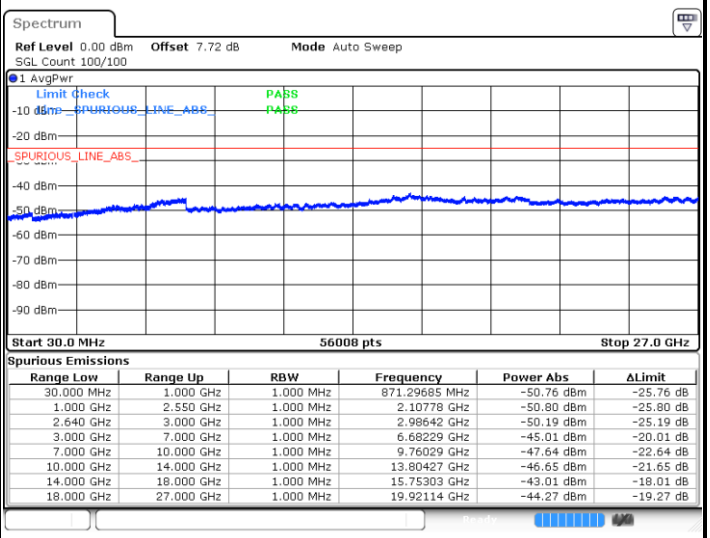


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-50.58 dBm	-25.58 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14613 GHz	-50.84 dBm	-25.84 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99361 GHz	-50.39 dBm	-25.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87677 GHz	-44.99 dBm	-19.99 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75979 GHz	-47.66 dBm	-22.66 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79128 GHz	-46.54 dBm	-21.54 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74653 GHz	-43.08 dBm	-18.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93614 GHz	-44.26 dBm	-19.26 dB

Date: 28.DEC.2018 10:02:22

Middle Channel / 16QAM



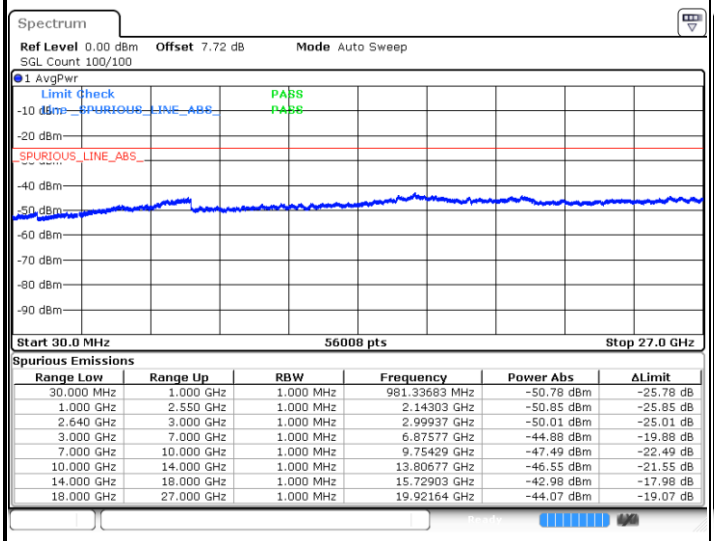
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.29685 MHz	-50.76 dBm	-25.76 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.10778 GHz	-50.80 dBm	-25.80 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98642 GHz	-50.19 dBm	-25.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.68229 GHz	-45.01 dBm	-20.01 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76029 GHz	-47.64 dBm	-22.64 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80427 GHz	-46.65 dBm	-21.65 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75303 GHz	-43.01 dBm	-18.01 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92114 GHz	-44.27 dBm	-19.27 dB

Date: 28.DEC.2018 10:03:17

LTE Band 38 / 5MHz

Highest Channel / QPSK

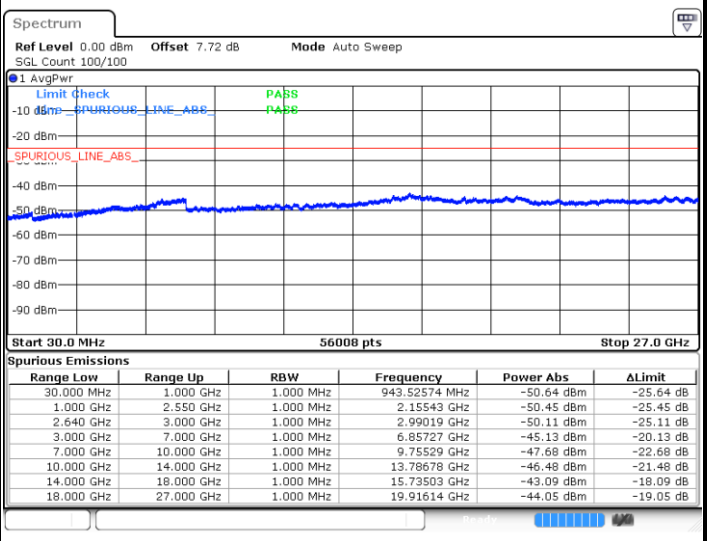


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-50.78 dBm	-25.78 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14303 GHz	-50.85 dBm	-25.85 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99937 GHz	-50.01 dBm	-25.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87577 GHz	-44.88 dBm	-19.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75429 GHz	-47.49 dBm	-22.49 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80677 GHz	-46.55 dBm	-21.55 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72903 GHz	-42.98 dBm	-17.98 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92164 GHz	-44.07 dBm	-19.07 dB

Date: 28.DEC.2018 10:04:12

Highest Channel / 16QAM



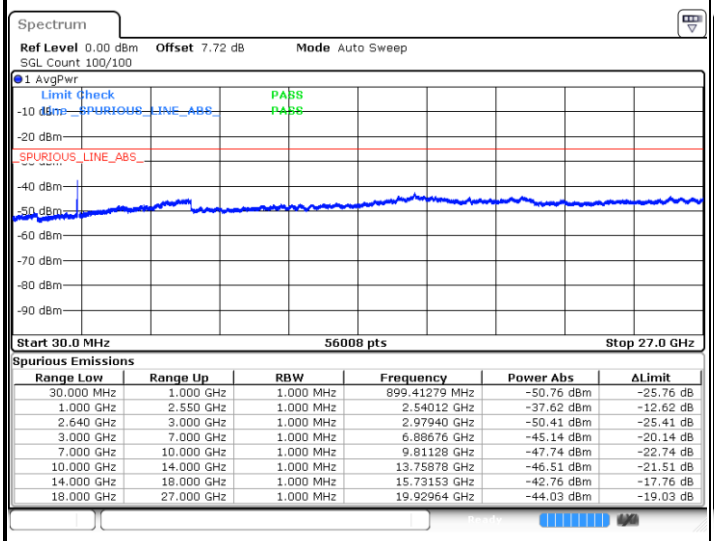
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-50.64 dBm	-25.64 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.15543 GHz	-50.45 dBm	-25.45 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99019 GHz	-50.11 dBm	-25.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85727 GHz	-45.13 dBm	-20.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75529 GHz	-47.68 dBm	-22.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78678 GHz	-46.48 dBm	-21.48 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73503 GHz	-43.09 dBm	-18.09 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91614 GHz	-44.05 dBm	-19.05 dB

Date: 28.DEC.2018 10:05:07

LTE Band 38 / 10MHz

Lowest Channel / QPSK

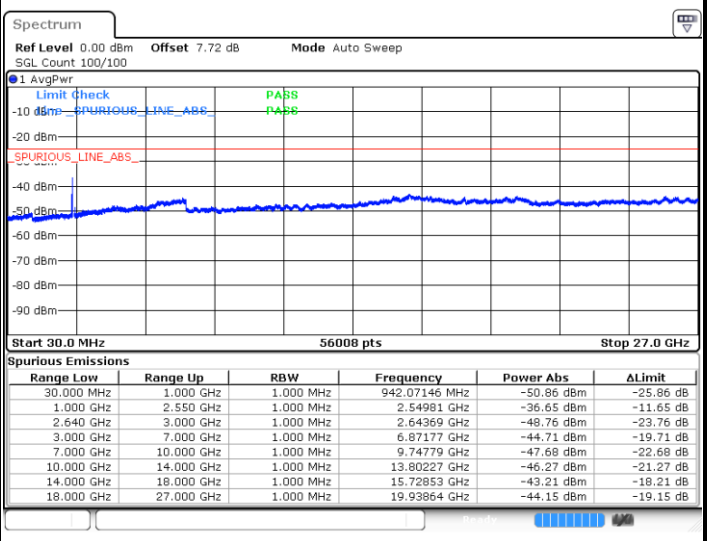


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-50.76 dBm	-25.76 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54012 GHz	-37.62 dBm	-12.62 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97940 GHz	-50.41 dBm	-25.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88676 GHz	-45.14 dBm	-20.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.81128 GHz	-47.74 dBm	-22.74 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75878 GHz	-46.51 dBm	-21.51 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73153 GHz	-42.76 dBm	-17.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92964 GHz	-44.03 dBm	-19.03 dB

Date: 28.DEC.2018 10:06:01

Lowest Channel / 16QAM



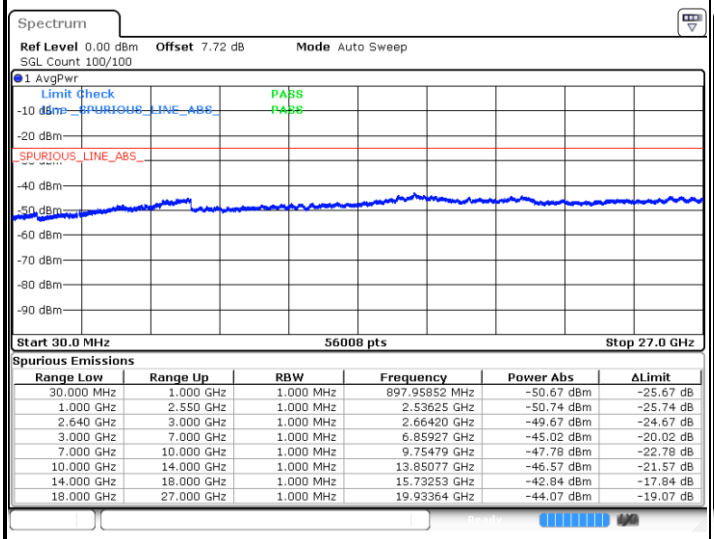
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-50.86 dBm	-25.86 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54981 GHz	-36.65 dBm	-11.65 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64369 GHz	-48.76 dBm	-23.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87177 GHz	-44.71 dBm	-19.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74779 GHz	-47.68 dBm	-22.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80227 GHz	-46.27 dBm	-21.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72853 GHz	-43.21 dBm	-18.21 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93864 GHz	-44.15 dBm	-19.15 dB

Date: 28.DEC.2018 10:06:56

LTE Band 38 / 10MHz

Middle Channel / QPSK

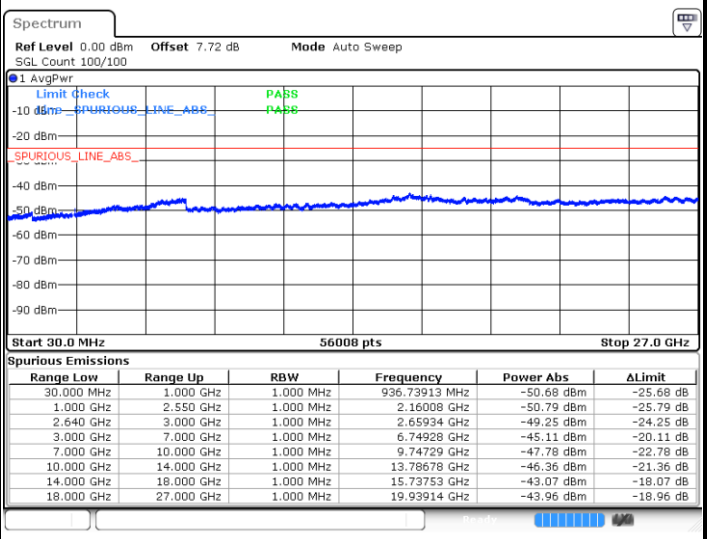


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-50.67 dBm	-25.67 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53625 GHz	-50.74 dBm	-25.74 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.66420 GHz	-49.67 dBm	-24.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85927 GHz	-45.02 dBm	-20.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75479 GHz	-47.78 dBm	-22.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.85077 GHz	-46.57 dBm	-21.57 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73253 GHz	-42.84 dBm	-17.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93364 GHz	-44.07 dBm	-19.07 dB

Date: 28.DEC.2018 10:07:51

Middle Channel / 16QAM

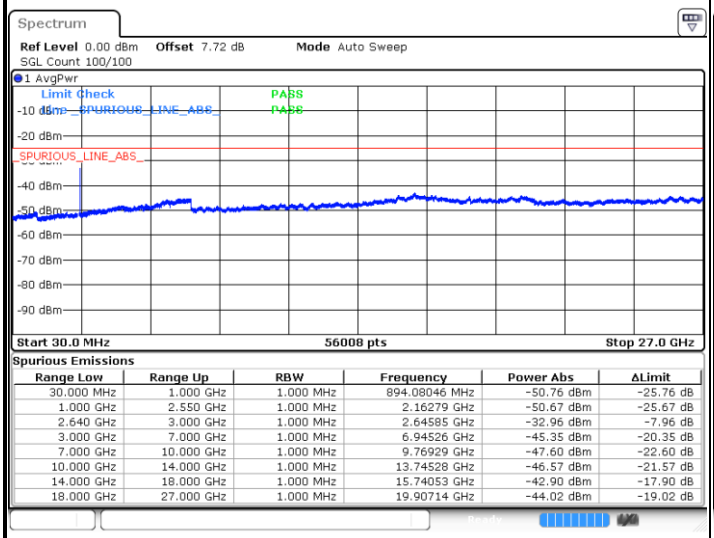


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-50.68 dBm	-25.68 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.16008 GHz	-50.79 dBm	-25.79 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65934 GHz	-49.25 dBm	-24.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.74928 GHz	-45.11 dBm	-20.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74729 GHz	-47.78 dBm	-22.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78678 GHz	-46.36 dBm	-21.36 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73753 GHz	-43.07 dBm	-18.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93914 GHz	-43.96 dBm	-18.96 dB

Date: 28.DEC.2018 10:08:46

Highest Channel / QPSK

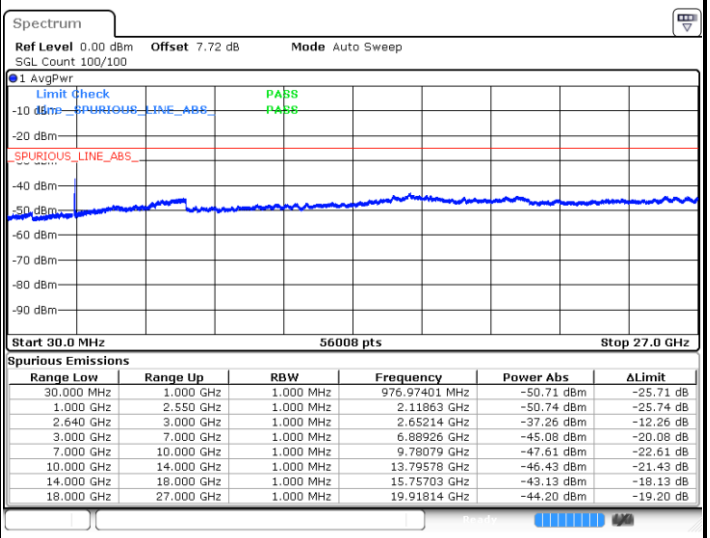


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.08046 MHz	-50.76 dBm	-25.76 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.16279 GHz	-50.67 dBm	-25.67 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64585 GHz	-32.96 dBm	-7.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94526 GHz	-45.35 dBm	-20.35 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76929 GHz	-47.60 dBm	-22.60 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.74528 GHz	-46.57 dBm	-21.57 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74053 GHz	-42.90 dBm	-17.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90714 GHz	-44.02 dBm	-19.02 dB

Date: 28.DEC.2018 10:09:41

Highest Channel / 16QAM



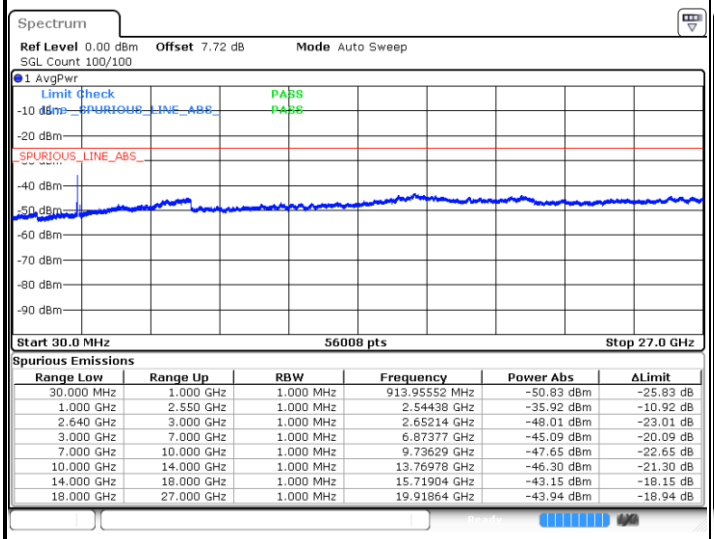
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-50.71 dBm	-25.71 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.11863 GHz	-50.74 dBm	-25.74 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65214 GHz	-37.26 dBm	-12.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88926 GHz	-45.08 dBm	-20.08 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78079 GHz	-47.61 dBm	-22.61 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79578 GHz	-46.43 dBm	-21.43 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75703 GHz	-43.13 dBm	-18.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91814 GHz	-44.20 dBm	-19.20 dB

Date: 28.DEC.2018 10:10:36

LTE Band 38 / 15MHz

Lowest Channel / QPSK

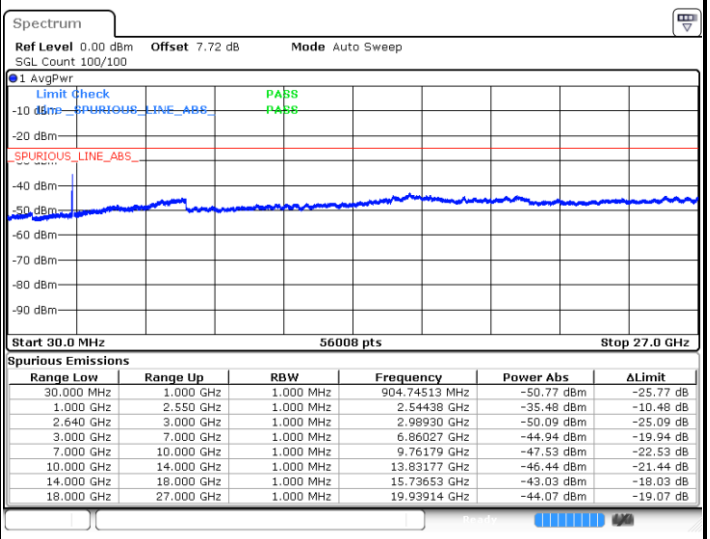


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.95552 MHz	-50.83 dBm	-25.83 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54438 GHz	-35.92 dBm	-10.92 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65214 GHz	-48.01 dBm	-23.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87377 GHz	-45.09 dBm	-20.09 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73629 GHz	-47.65 dBm	-22.65 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76978 GHz	-46.30 dBm	-21.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71904 GHz	-43.15 dBm	-18.15 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91864 GHz	-43.94 dBm	-18.94 dB

Date: 28.DEC.2018 10:11:31

Lowest Channel / 16QAM

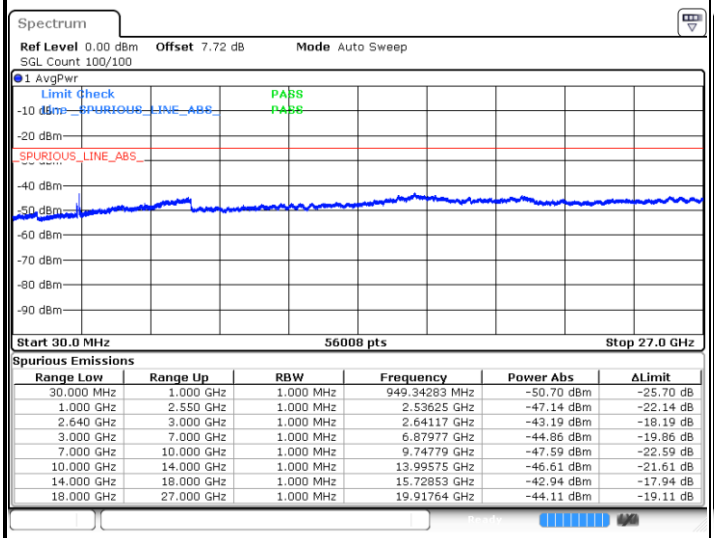


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.74513 MHz	-50.77 dBm	-25.77 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54438 GHz	-35.48 dBm	-10.48 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98930 GHz	-50.09 dBm	-25.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86027 GHz	-44.94 dBm	-19.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76179 GHz	-47.53 dBm	-22.53 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.83177 GHz	-46.44 dBm	-21.44 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73653 GHz	-43.03 dBm	-18.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93914 GHz	-44.07 dBm	-19.07 dB

Date: 28.DEC.2018 10:12:26

Middle Channel / QPSK

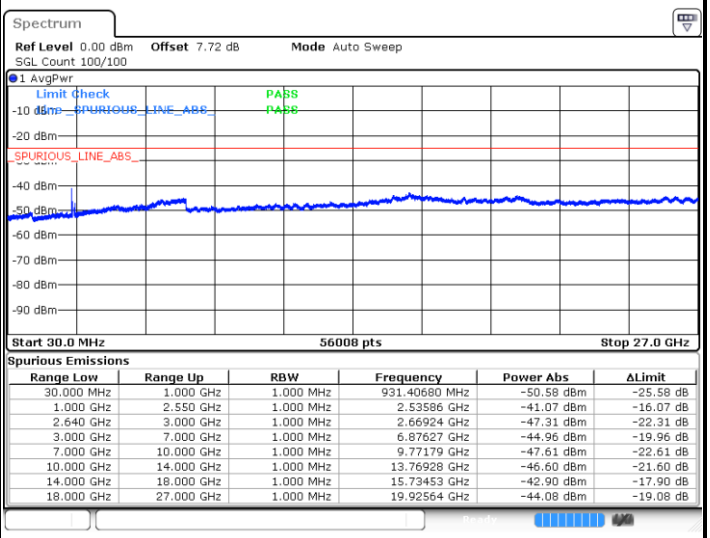


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-50.70 dBm	-25.70 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53625 GHz	-47.14 dBm	-22.14 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64117 GHz	-43.19 dBm	-18.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87977 GHz	-44.86 dBm	-19.86 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74779 GHz	-47.59 dBm	-22.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99575 GHz	-46.61 dBm	-21.61 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72853 GHz	-42.94 dBm	-17.94 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91764 GHz	-44.11 dBm	-19.11 dB

Date: 28.DEC.2018 10:13:21

Middle Channel / 16QAM



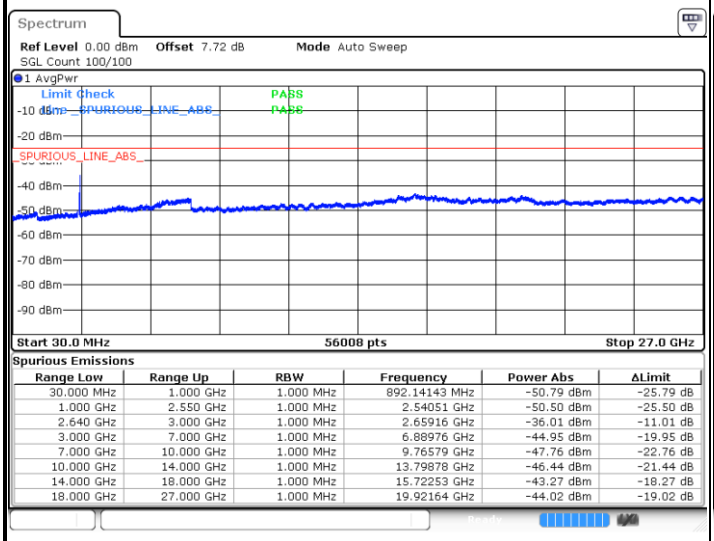
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-50.58 dBm	-25.58 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53586 GHz	-41.07 dBm	-16.07 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.66924 GHz	-47.31 dBm	-22.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87627 GHz	-44.96 dBm	-19.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.77179 GHz	-47.61 dBm	-22.61 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76928 GHz	-46.60 dBm	-21.60 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73453 GHz	-42.90 dBm	-17.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92564 GHz	-44.08 dBm	-19.08 dB

Date: 28.DEC.2018 10:14:16

LTE Band 38 / 15MHz

Highest Channel / QPSK

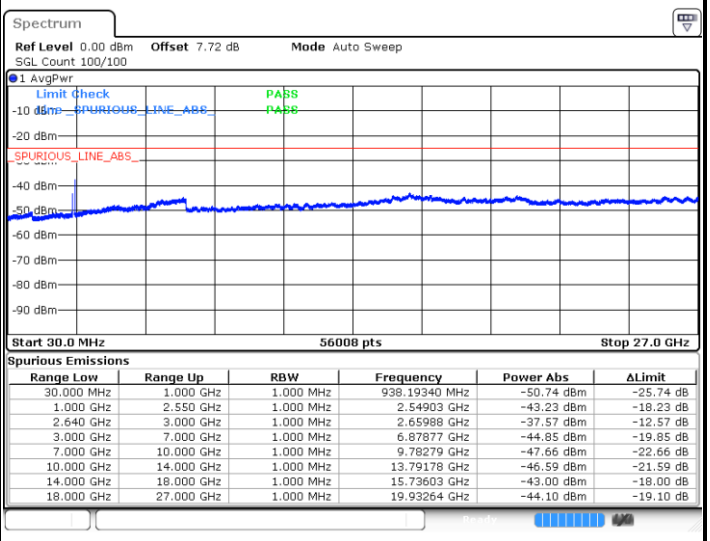


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-50.79 dBm	-25.79 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54051 GHz	-50.50 dBm	-25.50 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65916 GHz	-36.01 dBm	-11.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88976 GHz	-44.95 dBm	-19.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76579 GHz	-47.76 dBm	-22.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79878 GHz	-46.44 dBm	-21.44 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72253 GHz	-43.27 dBm	-18.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92164 GHz	-44.02 dBm	-19.02 dB

Date: 28.DEC.2018 10:15:11

Highest Channel / 16QAM



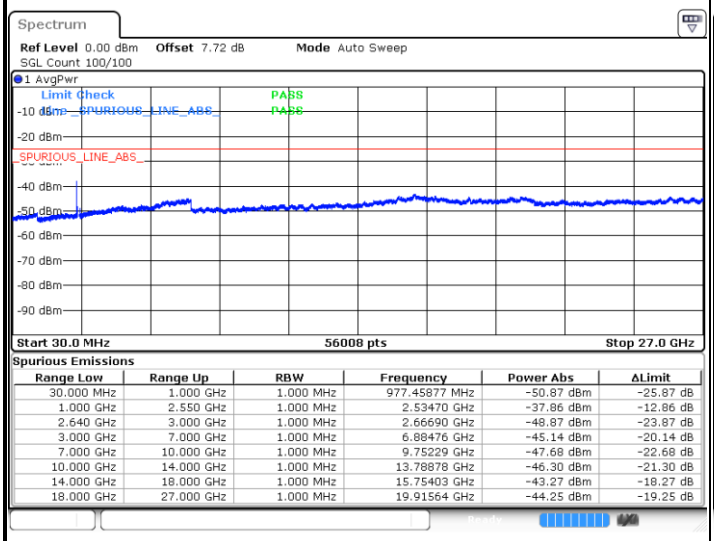
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-50.74 dBm	-25.74 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54903 GHz	-43.23 dBm	-18.23 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65988 GHz	-37.57 dBm	-12.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87877 GHz	-44.85 dBm	-19.85 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78279 GHz	-47.66 dBm	-22.66 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79178 GHz	-46.59 dBm	-21.59 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73603 GHz	-43.00 dBm	-18.00 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93264 GHz	-44.10 dBm	-19.10 dB

Date: 28.DEC.2018 10:16:06

LTE Band 38 / 20MHz

Lowest Channel / QPSK

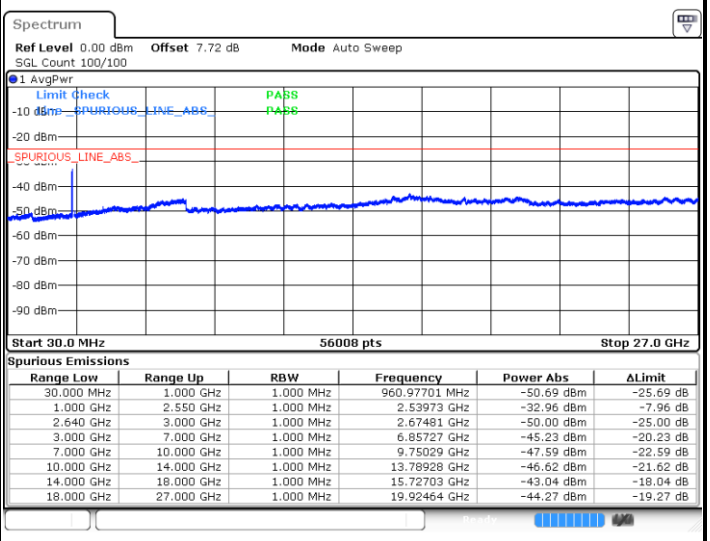


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-50.87 dBm	-25.87 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53470 GHz	-37.86 dBm	-12.86 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.66690 GHz	-48.87 dBm	-23.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88476 GHz	-45.14 dBm	-20.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75229 GHz	-47.68 dBm	-22.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78878 GHz	-46.30 dBm	-21.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75403 GHz	-43.27 dBm	-18.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91564 GHz	-44.25 dBm	-19.25 dB

Date: 28.DEC.2018 10:17:01

Lowest Channel / 16QAM



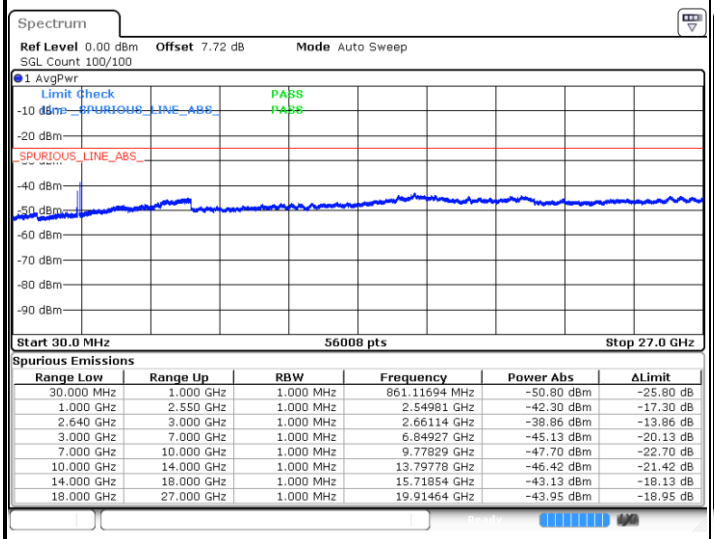
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-50.69 dBm	-25.69 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53973 GHz	-32.96 dBm	-7.96 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.67481 GHz	-50.00 dBm	-25.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85727 GHz	-45.23 dBm	-20.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75029 GHz	-47.59 dBm	-22.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78928 GHz	-46.62 dBm	-21.62 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72703 GHz	-43.04 dBm	-18.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92464 GHz	-44.27 dBm	-19.27 dB

Date: 28.DEC.2018 10:17:55

LTE Band 38 / 20MHz

Middle Channel / QPSK

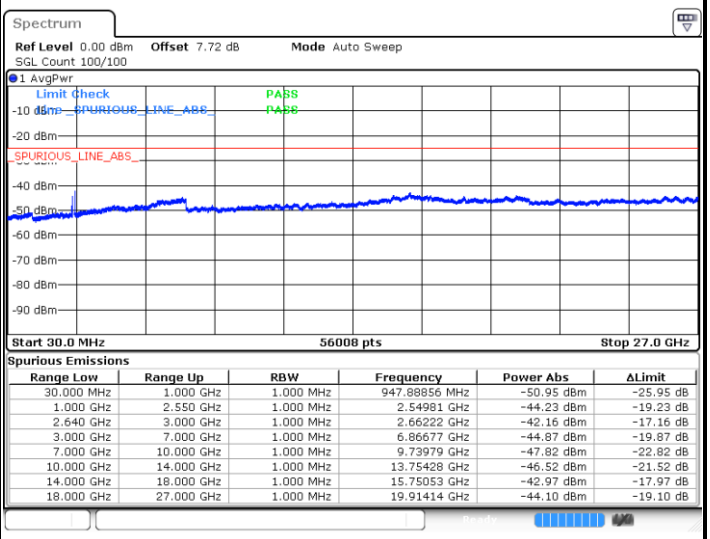


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	861.11694 MHz	-50.80 dBm	-25.80 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54981 GHz	-42.30 dBm	-17.30 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.66114 GHz	-38.86 dBm	-13.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84927 GHz	-45.13 dBm	-20.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.77829 GHz	-47.70 dBm	-22.70 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79778 GHz	-46.42 dBm	-21.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71854 GHz	-43.13 dBm	-18.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91464 GHz	-43.95 dBm	-18.95 dB

Date: 28.DEC.2018 10:18:50

Middle Channel / 16QAM

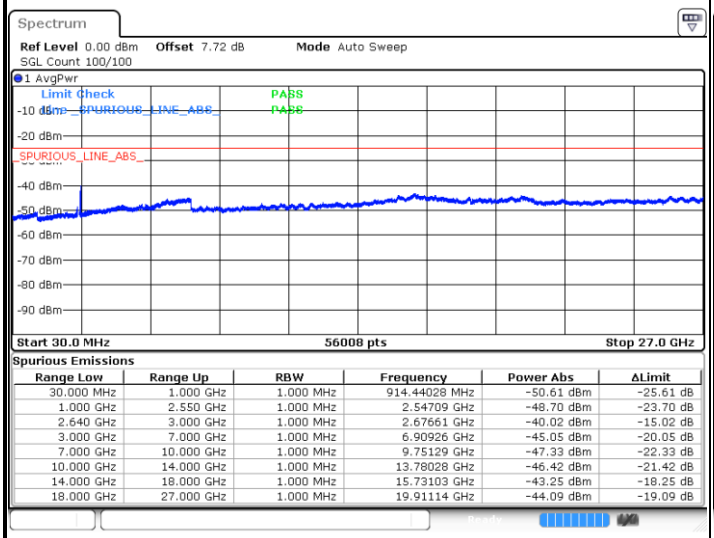


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-50.95 dBm	-25.95 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54981 GHz	-44.23 dBm	-19.23 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.66222 GHz	-42.16 dBm	-17.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86677 GHz	-44.87 dBm	-19.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73979 GHz	-47.82 dBm	-22.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75428 GHz	-46.52 dBm	-21.52 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75053 GHz	-42.97 dBm	-17.97 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91414 GHz	-44.10 dBm	-19.10 dB

Date: 28.DEC.2018 10:19:45

Highest Channel / QPSK

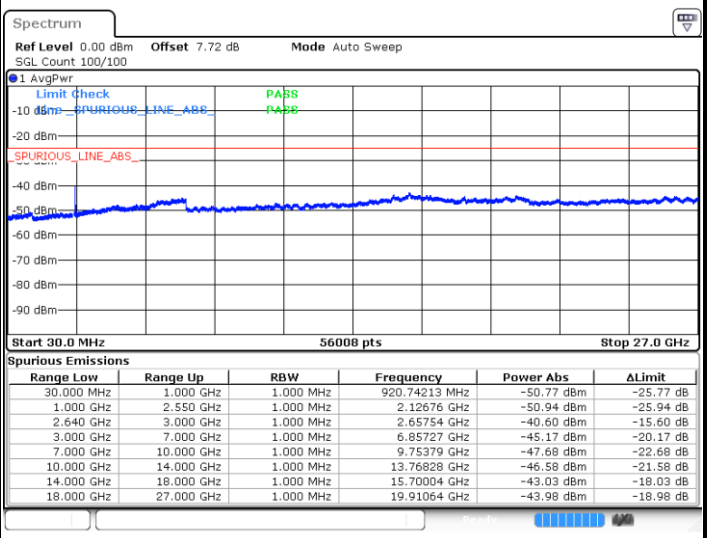


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-50.61 dBm	-25.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54709 GHz	-48.70 dBm	-23.70 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.67661 GHz	-40.02 dBm	-15.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90926 GHz	-45.05 dBm	-20.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75129 GHz	-47.33 dBm	-22.33 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78028 GHz	-46.42 dBm	-21.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73103 GHz	-43.25 dBm	-18.25 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91114 GHz	-44.09 dBm	-19.09 dB

Date: 28.DEC.2018 10:20:40

Highest Channel / 16QAM



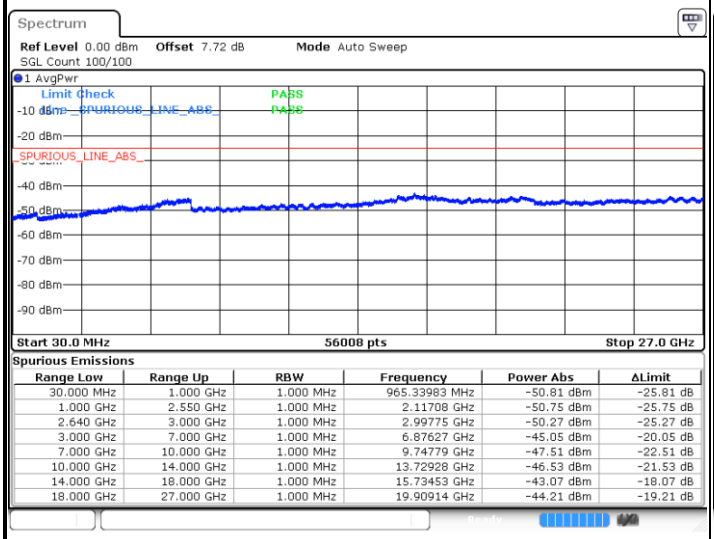
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-50.77 dBm	-25.77 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.12676 GHz	-50.94 dBm	-25.94 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65754 GHz	-40.60 dBm	-15.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85727 GHz	-45.17 dBm	-20.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75379 GHz	-47.68 dBm	-22.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76828 GHz	-46.58 dBm	-21.58 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.70004 GHz	-43.03 dBm	-18.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91064 GHz	-43.98 dBm	-18.98 dB

Date: 28.DEC.2018 10:21:35

LTE Band 38 / 5MHz

Lowest Channel / 64QAM

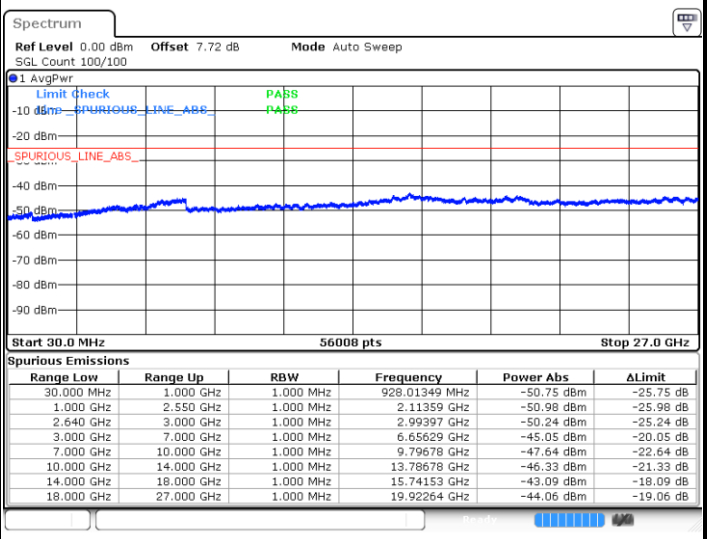


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-50.81 dBm	-25.81 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.11708 GHz	-50.75 dBm	-25.75 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99775 GHz	-50.27 dBm	-25.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87627 GHz	-45.05 dBm	-20.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74779 GHz	-47.51 dBm	-22.51 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.72928 GHz	-46.53 dBm	-21.53 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73453 GHz	-43.07 dBm	-18.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90914 GHz	-44.21 dBm	-19.21 dB

Date: 28.DEC.2018 10:22:30

Middle Channel / 64QAM

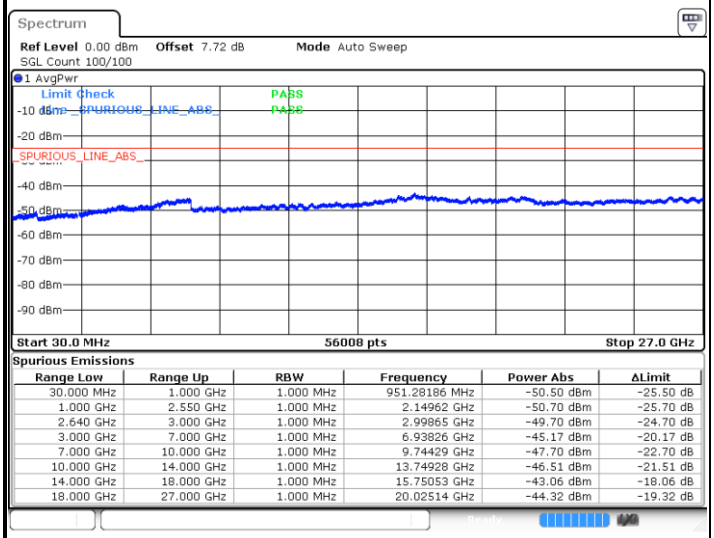


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-50.75 dBm	-25.75 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.11359 GHz	-50.98 dBm	-25.98 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99397 GHz	-50.24 dBm	-25.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.65629 GHz	-45.05 dBm	-20.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.79678 GHz	-47.64 dBm	-22.64 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78678 GHz	-46.33 dBm	-21.33 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74153 GHz	-43.09 dBm	-18.09 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92264 GHz	-44.06 dBm	-19.06 dB

Date: 28.DEC.2018 10:23:24

Highest Channel / 64QAM



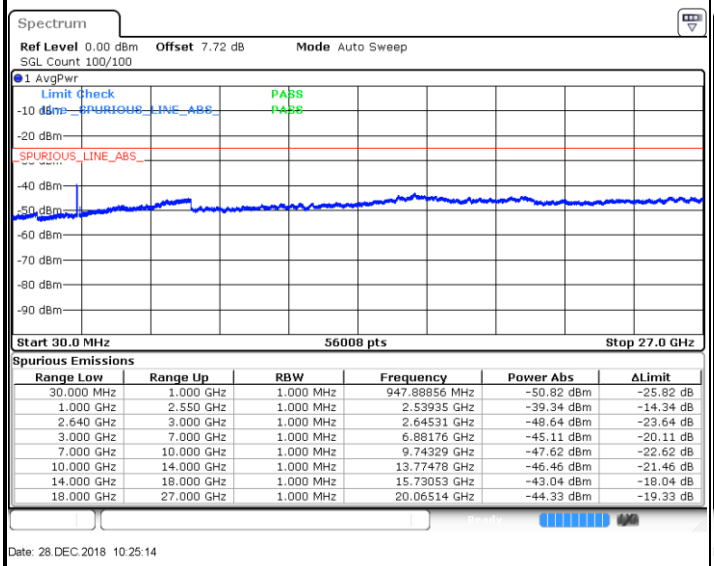
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.28186 MHz	-50.50 dBm	-25.50 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.14962 GHz	-50.70 dBm	-25.70 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99865 GHz	-49.70 dBm	-24.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-45.17 dBm	-20.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74429 GHz	-47.70 dBm	-22.70 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.74928 GHz	-46.51 dBm	-21.51 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75053 GHz	-43.06 dBm	-18.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.02514 GHz	-44.32 dBm	-19.32 dB

Date: 28.DEC.2018 10:24:19

LTE Band 38 / 10MHz

Lowest Channel / 64QAM

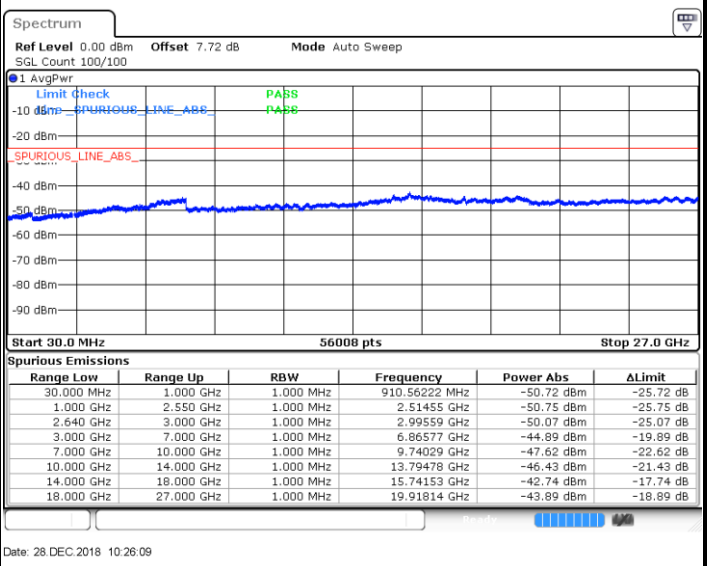


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-50.82 dBm	-25.82 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53935 GHz	-39.34 dBm	-14.34 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64531 GHz	-48.64 dBm	-23.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88176 GHz	-45.11 dBm	-20.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74329 GHz	-47.62 dBm	-22.62 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.77478 GHz	-46.46 dBm	-21.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73053 GHz	-43.04 dBm	-18.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.06514 GHz	-44.33 dBm	-19.33 dB

Date: 28.DEC.2018 10:25:14

Middle Channel / 64QAM

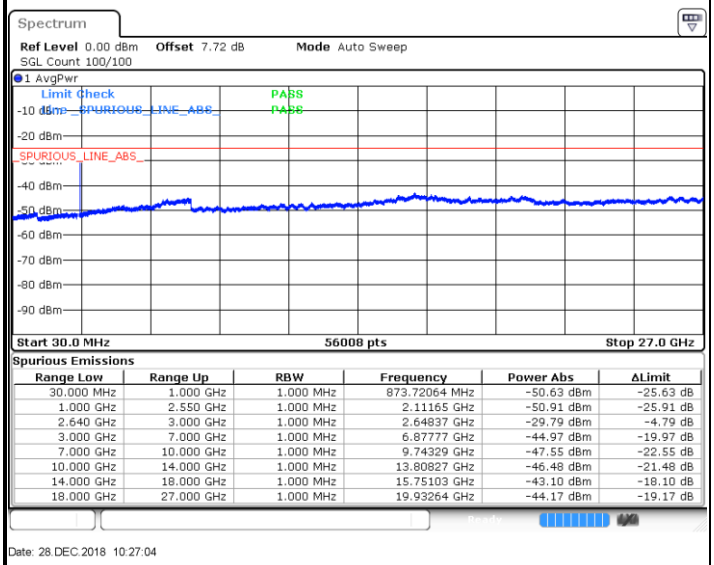


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.56222 MHz	-50.72 dBm	-25.72 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.51455 GHz	-50.75 dBm	-25.75 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99559 GHz	-50.07 dBm	-25.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86577 GHz	-44.89 dBm	-19.89 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74029 GHz	-47.62 dBm	-22.62 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79478 GHz	-46.43 dBm	-21.43 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74153 GHz	-42.74 dBm	-17.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91814 GHz	-43.89 dBm	-18.89 dB

Date: 28.DEC.2018 10:26:09

Highest Channel / 64QAM



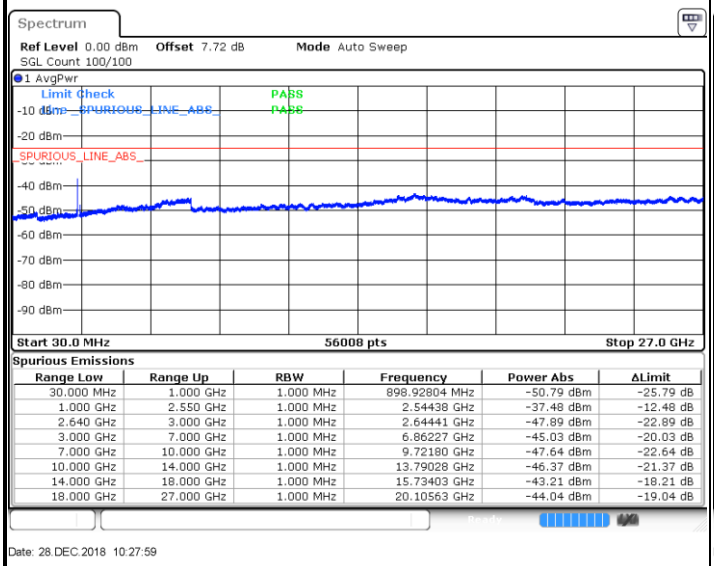
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.72064 MHz	-50.63 dBm	-25.63 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.11165 GHz	-50.91 dBm	-25.91 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64837 GHz	-29.79 dBm	-4.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87777 GHz	-44.97 dBm	-19.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74329 GHz	-47.55 dBm	-22.55 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80827 GHz	-46.48 dBm	-21.48 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75103 GHz	-43.10 dBm	-18.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93264 GHz	-44.17 dBm	-19.17 dB

Date: 28.DEC.2018 10:27:04

LTE Band 38 / 15MHz

Lowest Channel / 64QAM

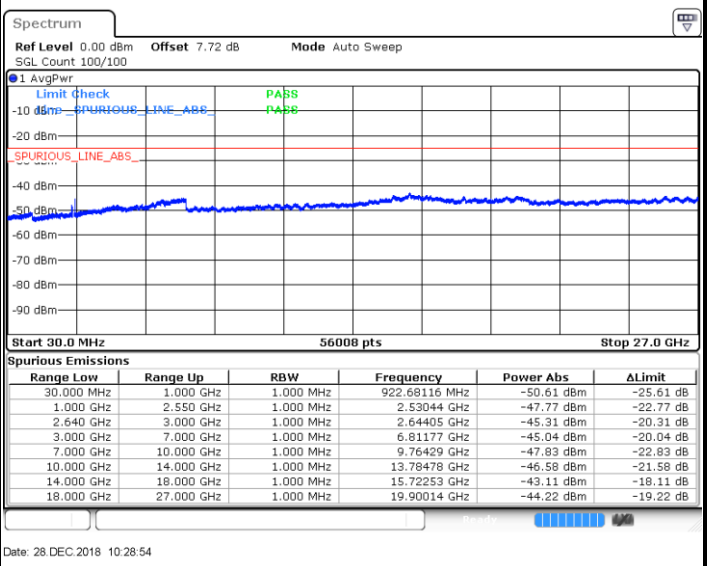


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-50.79 dBm	-25.79 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54438 GHz	-37.48 dBm	-12.48 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64441 GHz	-47.89 dBm	-22.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86227 GHz	-45.03 dBm	-20.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.72180 GHz	-47.64 dBm	-22.64 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79028 GHz	-46.37 dBm	-21.37 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73403 GHz	-43.21 dBm	-18.21 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.10563 GHz	-44.04 dBm	-19.04 dB

Date: 28.DEC.2018 10:27:59

Middle Channel / 64QAM

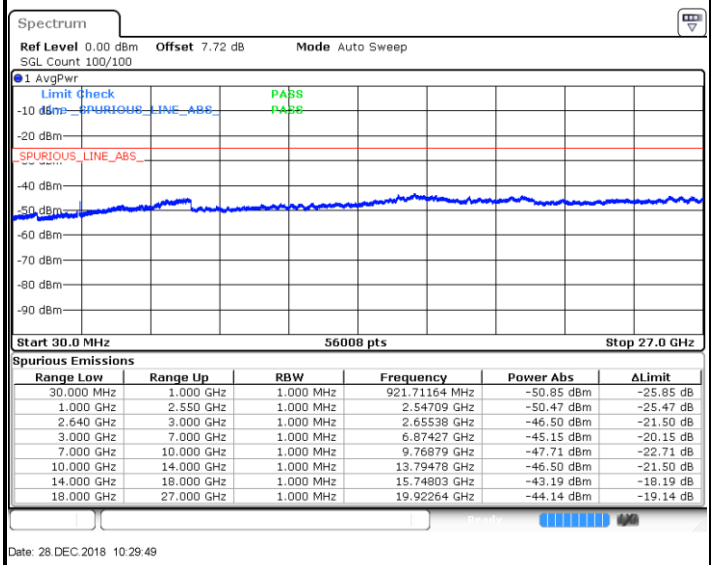


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-50.61 dBm	-25.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53044 GHz	-47.77 dBm	-22.77 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64405 GHz	-45.31 dBm	-20.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81177 GHz	-45.04 dBm	-20.04 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76429 GHz	-47.83 dBm	-22.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78478 GHz	-46.58 dBm	-21.58 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72253 GHz	-43.11 dBm	-18.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90014 GHz	-44.22 dBm	-19.22 dB

Date: 28.DEC.2018 10:28:54

Highest Channel / 64QAM



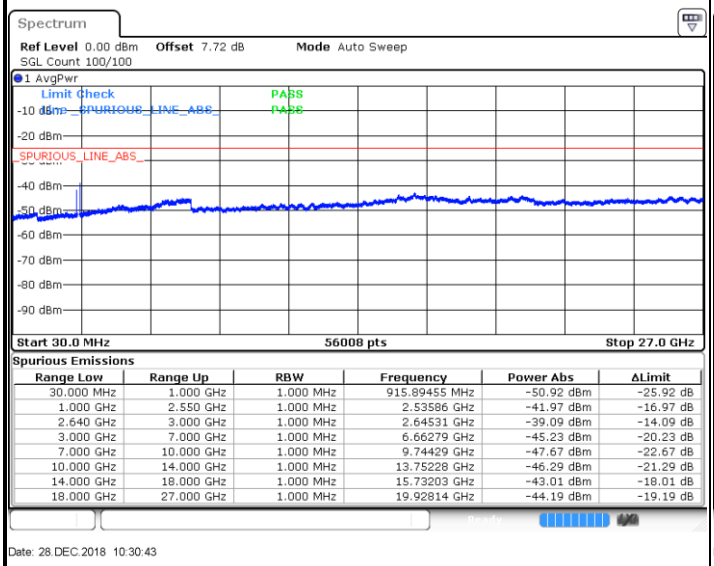
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-50.85 dBm	-25.85 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54709 GHz	-50.47 dBm	-25.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65538 GHz	-46.50 dBm	-21.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87427 GHz	-45.15 dBm	-20.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76879 GHz	-47.71 dBm	-22.71 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79478 GHz	-46.50 dBm	-21.50 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74803 GHz	-43.19 dBm	-18.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92264 GHz	-44.14 dBm	-19.14 dB

Date: 28.DEC.2018 10:29:49

LTE Band 38 / 20MHz

Lowest Channel / 64QAM

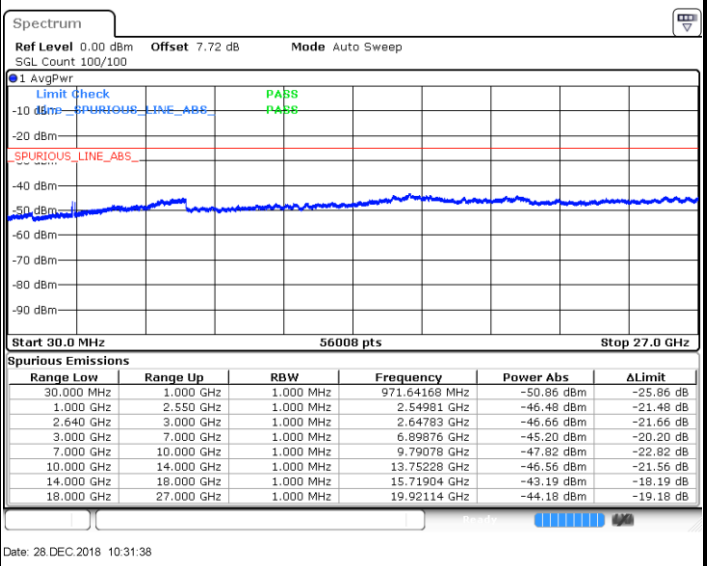


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.89455 MHz	-50.92 dBm	-25.92 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53586 GHz	-41.97 dBm	-16.97 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64531 GHz	-39.09 dBm	-14.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.66279 GHz	-45.23 dBm	-20.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74429 GHz	-47.67 dBm	-22.67 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75228 GHz	-46.29 dBm	-21.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73203 GHz	-43.01 dBm	-18.01 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92814 GHz	-44.19 dBm	-19.19 dB

Date: 28.DEC.2018 10:30:43

Middle Channel / 64QAM

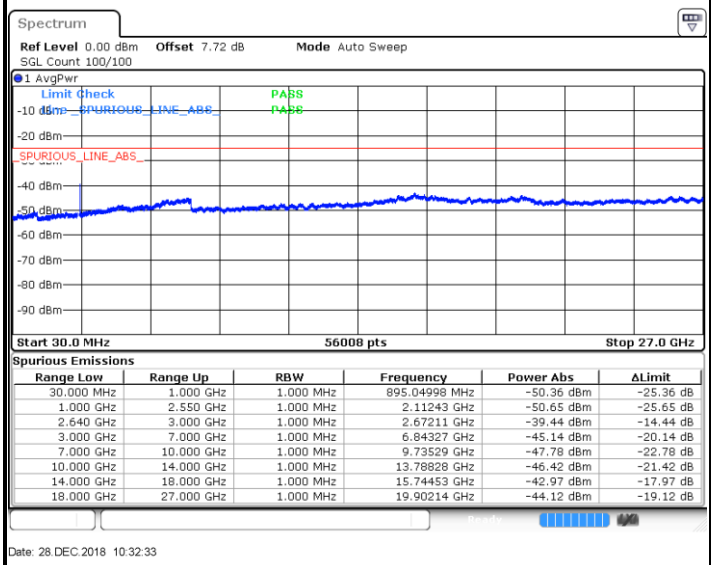


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.64168 MHz	-50.86 dBm	-25.86 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54981 GHz	-46.48 dBm	-21.48 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64783 GHz	-46.66 dBm	-21.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89876 GHz	-45.20 dBm	-20.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.79078 GHz	-47.82 dBm	-22.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75228 GHz	-46.56 dBm	-21.56 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71904 GHz	-43.19 dBm	-18.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92114 GHz	-44.18 dBm	-19.18 dB

Date: 28.DEC.2018 10:31:38

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.04998 MHz	-50.36 dBm	-25.36 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.11243 GHz	-50.65 dBm	-25.65 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.67211 GHz	-39.44 dBm	-14.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84327 GHz	-45.14 dBm	-20.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73529 GHz	-47.78 dBm	-22.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78828 GHz	-46.42 dBm	-21.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74453 GHz	-42.97 dBm	-17.97 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90214 GHz	-44.12 dBm	-19.12 dB

Date: 28.DEC.2018 10:32:33

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	0.0006	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0020	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0067	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0030	

Note: Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 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 2 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-43.06	-13	-30.06	-55.32	2.641	14.90	H
	5613	-56.30	-13	-43.30	-68.16	2.94	14.80	H
	7485	-51.85	-13	-38.85	-61.62	3.39	13.16	H
	3741	-45.62	-13	-32.62	-57.88	2.64	14.90	V
	5613	-56.53	-13	-43.53	-68.39	2.94	14.80	V
	7485	-51.51	-13	-38.51	-61.28	3.39	13.16	V

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

LTE Band 4 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447	-54.35	-13	-41.35	-65.09	2.604	13.34	H
	5170.77	-56.75	-13	-43.75	-67.26	3.011	13.52	H
	6894	-54.91	-13	-41.91	-65.11	3.271	13.47	H
	3447	-53.35	-13	-40.35	-64.09	2.604	13.34	V
	5170.77	-58.41	-13	-45.41	-68.92	3.011	13.52	V
	6894	-54.40	-13	-41.40	-64.60	3.271	13.47	V

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

LTE Band 5 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-63.07	-13	-50.07	-64.28	2.319	5.68	H
	2496	-62.91	-13	-49.91	-63.54	3.02	5.80	H
	4161	-62.19	-13	-49.19	-64.65	3.27	7.88	H
	1664	-66.24	-13	-53.24	-67.45	2.32	5.68	V
	2496	-67.01	-13	-54.01	-67.64	3.02	5.80	V
	4161	-57.84	-13	-44.84	-60.30	3.27	7.88	V

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

LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-54.44	-25	-29.44	-64.65	3.03	13.24	H
	7576	-43.46	-25	-18.46	-52.91	3.56	13.01	H
	10107	-57.64	-25	-32.64	-67.16	3.92	13.44	H
	5052	-54.08	-25	-29.08	-64.29	3.03	13.24	V
	7576	-37.54	-25	-12.54	-46.99	3.56	13.01	V
	10107	-57.99	-25	-32.99	-67.51	3.92	13.44	V

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

LTE Band 38 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5172	-54.05	-25	-29.05	-64.26	3.03	13.24	H
	7760	-48.46	-25	-23.46	-57.91	3.56	13.01	H
	10341	-58.05	-25	-33.05	-67.57	3.92	13.44	H
	5172	-57.74	-25	-32.74	-67.95	3.03	13.24	V
	7756	-42.20	-25	-17.20	-51.65	3.56	13.01	V
	10341	-58.81	-25	-33.81	-68.33	3.92	13.44	V

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