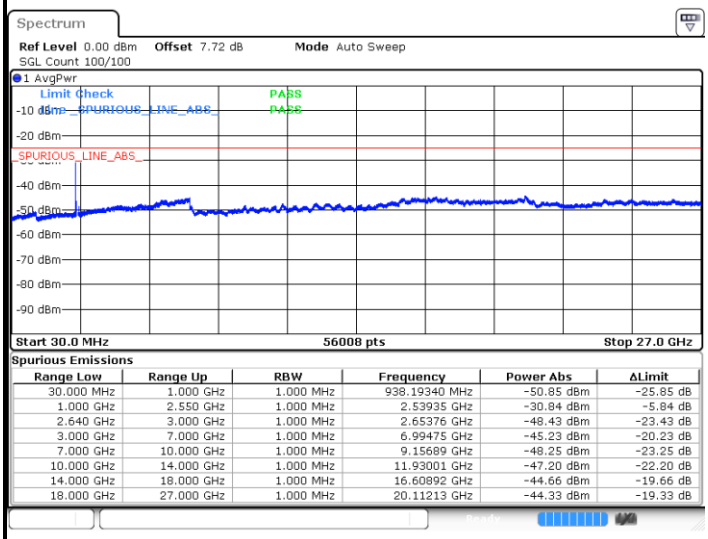
LTE Band 38 / 15MHz

Lowest Channel / QPSK

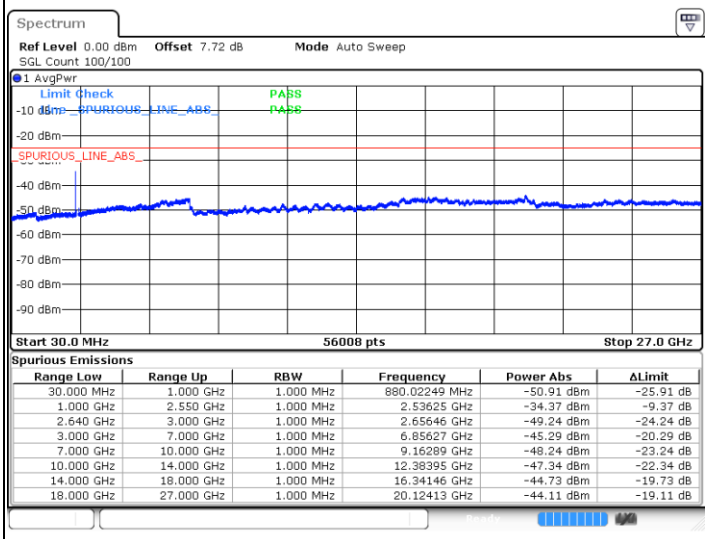


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-50.85 dBm	-25.85 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53935 GHz	-30.84 dBm	-5.84 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65376 GHz	-48.43 dBm	-23.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-45.23 dBm	-20.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15689 GHz	-48.25 dBm	-23.25 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.93001 GHz	-47.20 dBm	-22.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.60892 GHz	-44.66 dBm	-19.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11213 GHz	-44.33 dBm	-19.33 dB

Date: 9.MAY.2018 10:13:06

Lowest Channel / 16QAM

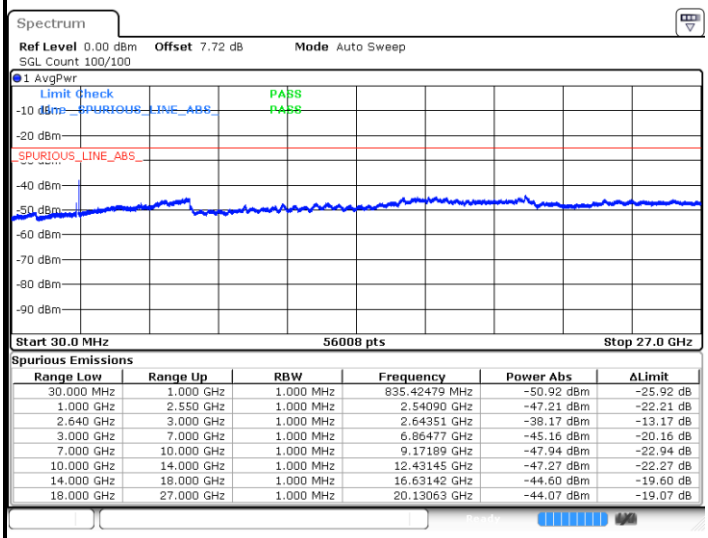


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-50.91 dBm	-25.91 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53625 GHz	-34.37 dBm	-9.37 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65646 GHz	-49.24 dBm	-24.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85627 GHz	-45.29 dBm	-20.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16289 GHz	-48.24 dBm	-23.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.38395 GHz	-47.34 dBm	-22.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.34146 GHz	-44.73 dBm	-19.73 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12413 GHz	-44.11 dBm	-19.11 dB

Date: 9.MAY.2018 10:14:01

Middle Channel / QPSK

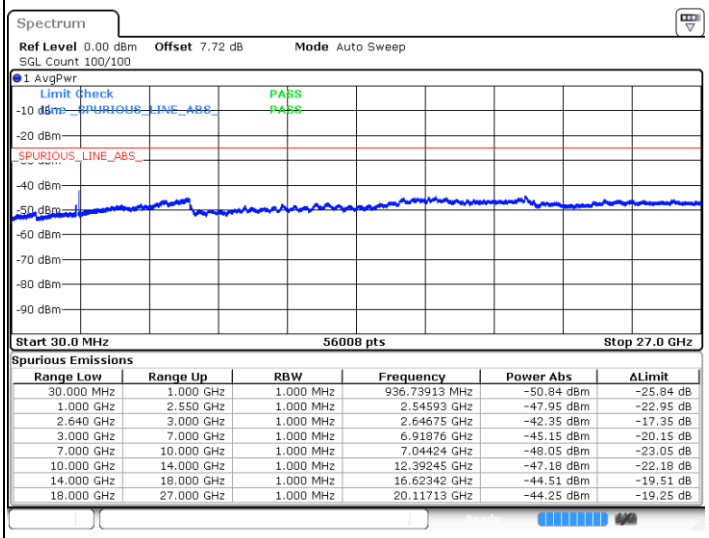


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	835.42479 MHz	-50.92 dBm	-25.92 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54090 GHz	-47.21 dBm	-22.21 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64351 GHz	-38.17 dBm	-13.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86477 GHz	-45.16 dBm	-20.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.17189 GHz	-47.94 dBm	-22.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43145 GHz	-47.27 dBm	-22.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.63142 GHz	-44.60 dBm	-19.60 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13063 GHz	-44.07 dBm	-19.07 dB

Date: 9.MAY.2018 10:14:56

Middle Channel / 16QAM



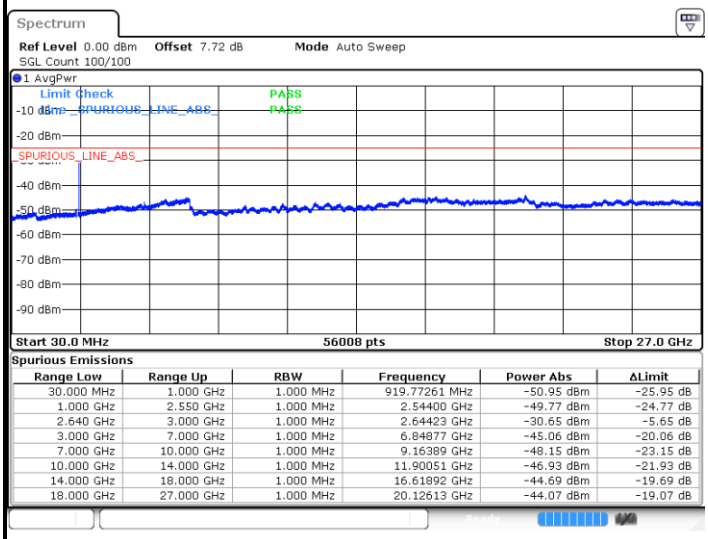
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-50.84 dBm	-25.84 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54593 GHz	-47.95 dBm	-22.95 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64675 GHz	-42.35 dBm	-17.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91876 GHz	-45.15 dBm	-20.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.04424 GHz	-48.05 dBm	-23.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.39245 GHz	-47.18 dBm	-22.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62342 GHz	-44.51 dBm	-19.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11713 GHz	-44.25 dBm	-19.25 dB

Date: 9.MAY.2018 10:15:52

LTE Band 38 / 15MHz

Highest Channel / QPSK

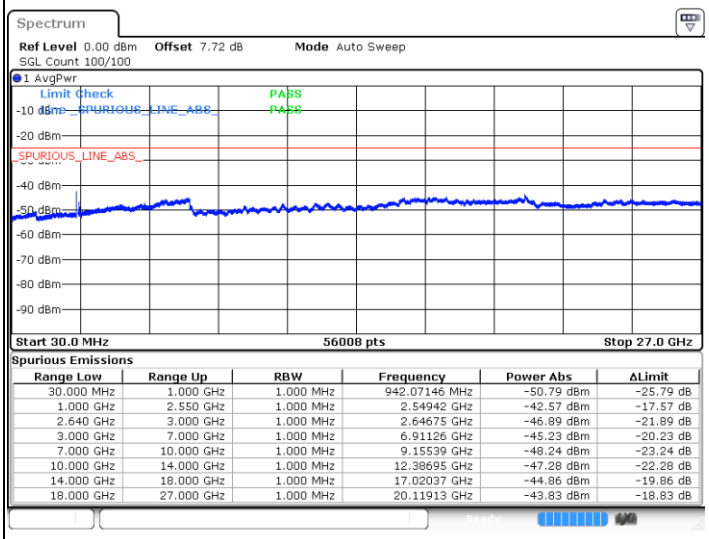


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-50.95 dBm	-25.95 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54400 GHz	-49.77 dBm	-24.77 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64423 GHz	-30.65 dBm	-5.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-45.06 dBm	-20.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16389 GHz	-48.15 dBm	-23.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.90051 GHz	-46.93 dBm	-21.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.61892 GHz	-44.69 dBm	-19.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12613 GHz	-44.07 dBm	-19.07 dB

Date: 9.MAY.2018 10:16:47

Highest Channel / 16QAM



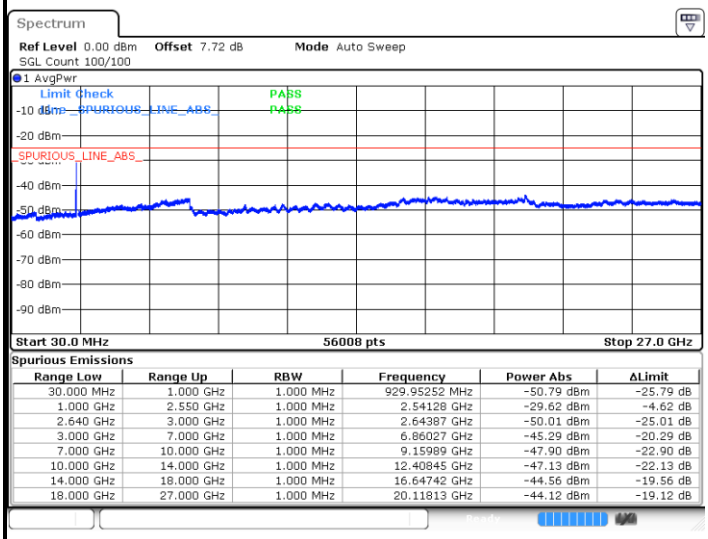
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-50.79 dBm	-25.79 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54942 GHz	-42.57 dBm	-17.57 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64675 GHz	-46.89 dBm	-21.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91126 GHz	-45.23 dBm	-20.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15539 GHz	-48.24 dBm	-23.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.38695 GHz	-47.28 dBm	-22.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02037 GHz	-44.86 dBm	-19.86 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11913 GHz	-43.83 dBm	-18.83 dB

Date: 9.MAY.2018 10:17:43

LTE Band 38 / 20MHz

Lowest Channel / QPSK

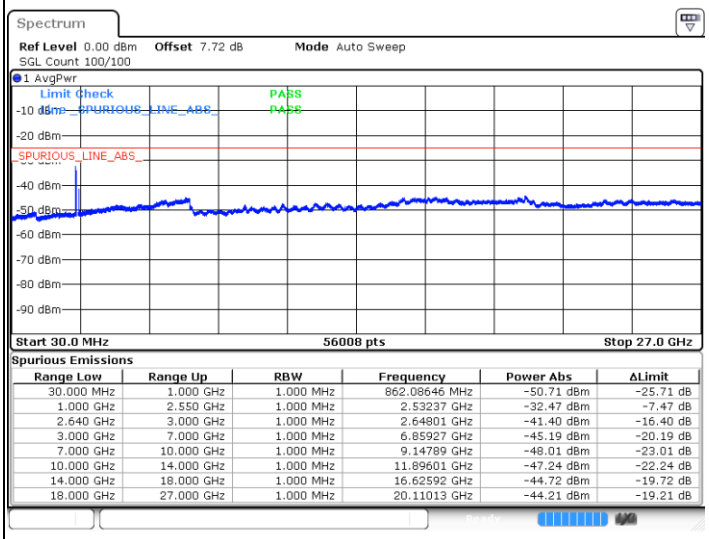


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-50.79 dBm	-25.79 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54128 GHz	-29.62 dBm	-4.62 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64387 GHz	-50.01 dBm	-25.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86027 GHz	-45.29 dBm	-20.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15989 GHz	-47.90 dBm	-22.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40845 GHz	-47.13 dBm	-22.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.64742 GHz	-44.56 dBm	-19.56 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11813 GHz	-44.12 dBm	-19.12 dB

Date: 9.MAY.2018 10:18:38

Lowest Channel / 16QAM



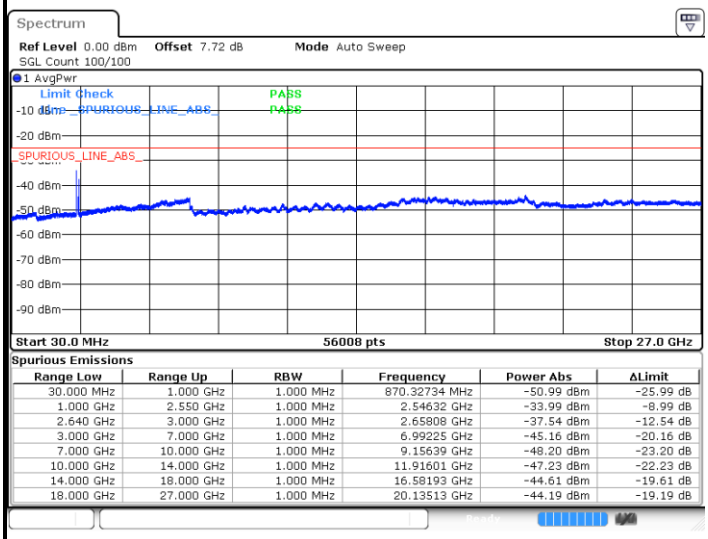
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.08646 MHz	-50.71 dBm	-25.71 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53237 GHz	-32.47 dBm	-7.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64801 GHz	-41.40 dBm	-16.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85927 GHz	-45.19 dBm	-20.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.14789 GHz	-48.01 dBm	-23.01 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.89601 GHz	-47.24 dBm	-22.24 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62592 GHz	-44.72 dBm	-19.72 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.11013 GHz	-44.21 dBm	-19.21 dB

Date: 9.MAY.2018 10:19:34

LTE Band 38 / 20MHz

Middle Channel / QPSK

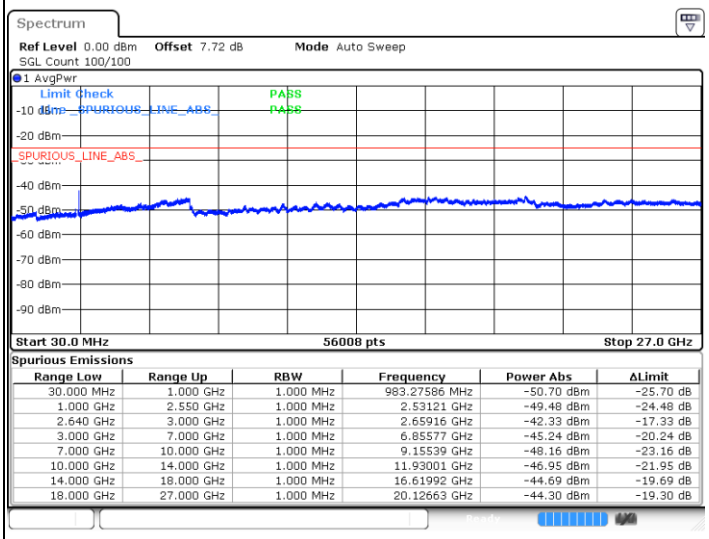


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.32734 MHz	-50.99 dBm	-25.99 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54632 GHz	-33.99 dBm	-8.99 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65808 GHz	-37.54 dBm	-12.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-45.16 dBm	-20.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15639 GHz	-48.20 dBm	-23.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91601 GHz	-47.23 dBm	-22.23 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.58193 GHz	-44.61 dBm	-19.61 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13513 GHz	-44.19 dBm	-19.19 dB

Date: 9.MAY.2018 10:20:29

Middle Channel / 16QAM

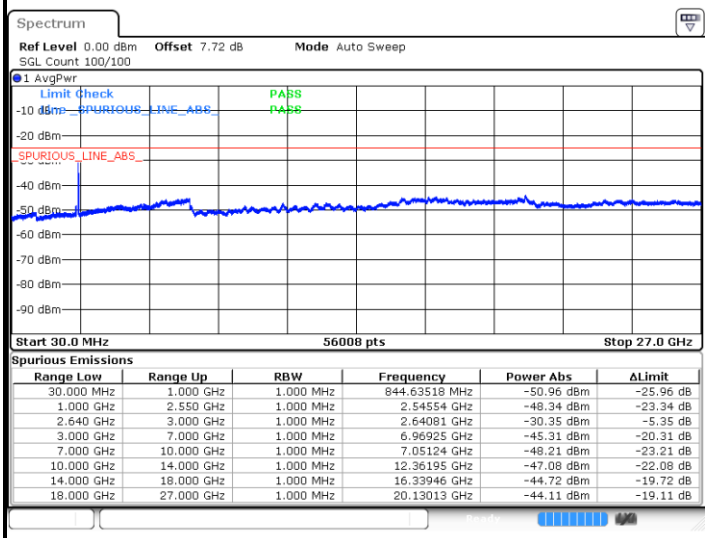


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-50.70 dBm	-25.70 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53121 GHz	-49.48 dBm	-24.48 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65916 GHz	-42.33 dBm	-17.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85577 GHz	-45.24 dBm	-20.24 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15539 GHz	-48.16 dBm	-23.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.93001 GHz	-46.95 dBm	-21.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.61992 GHz	-44.69 dBm	-19.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12663 GHz	-44.30 dBm	-19.30 dB

Date: 9.MAY.2018 10:21:25

Highest Channel / QPSK

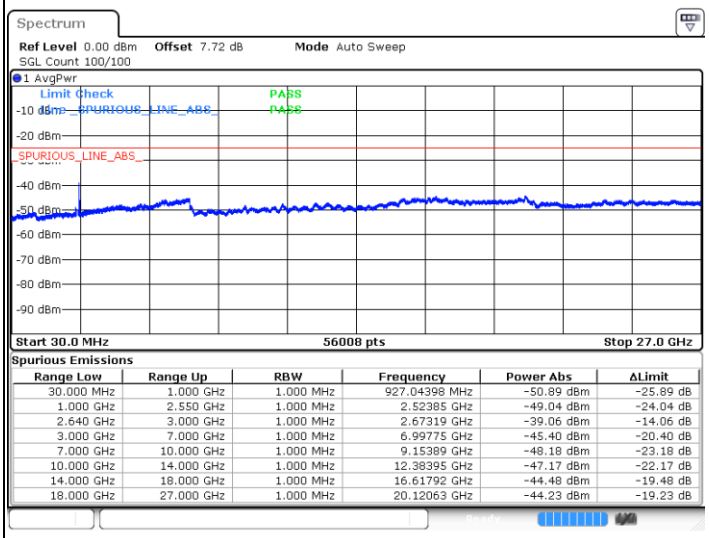


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	844.63518 MHz	-50.96 dBm	-25.96 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54554 GHz	-48.34 dBm	-23.34 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64081 GHz	-30.35 dBm	-5.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96925 GHz	-45.31 dBm	-20.31 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.05124 GHz	-48.21 dBm	-23.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.36195 GHz	-47.08 dBm	-22.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.33946 GHz	-44.72 dBm	-19.72 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.13013 GHz	-44.11 dBm	-19.11 dB

Date: 9.MAY.2018 10:22:20

Highest Channel / 16QAM



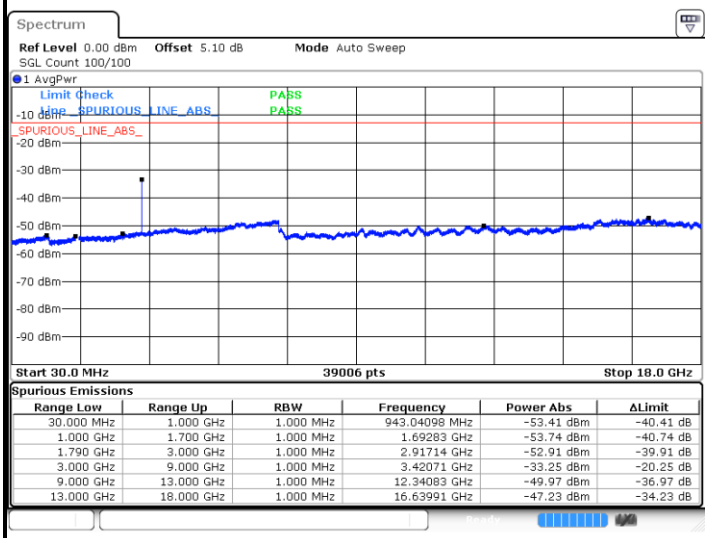
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.04398 MHz	-50.89 dBm	-25.89 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52385 GHz	-49.04 dBm	-24.04 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.67319 GHz	-39.06 dBm	-14.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-45.40 dBm	-20.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15389 GHz	-48.18 dBm	-23.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.38395 GHz	-47.17 dBm	-22.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.61792 GHz	-44.48 dBm	-19.48 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.12063 GHz	-44.23 dBm	-19.23 dB

Date: 9.MAY.2018 10:23:16

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

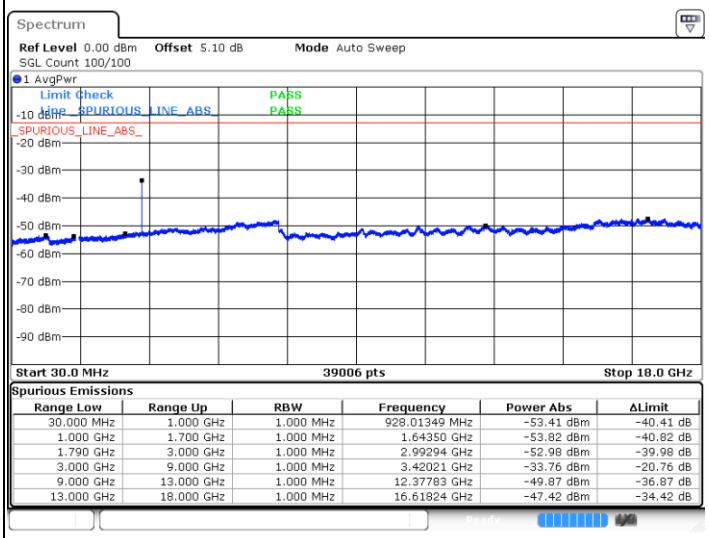


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-53.41 dBm	-40.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-53.74 dBm	-40.74 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.91714 GHz	-52.91 dBm	-39.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-33.25 dBm	-20.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34083 GHz	-49.97 dBm	-36.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63991 GHz	-47.23 dBm	-34.23 dB

Date: 11.MAY.2018 18:56:10

Lowest Channel / 16QAM

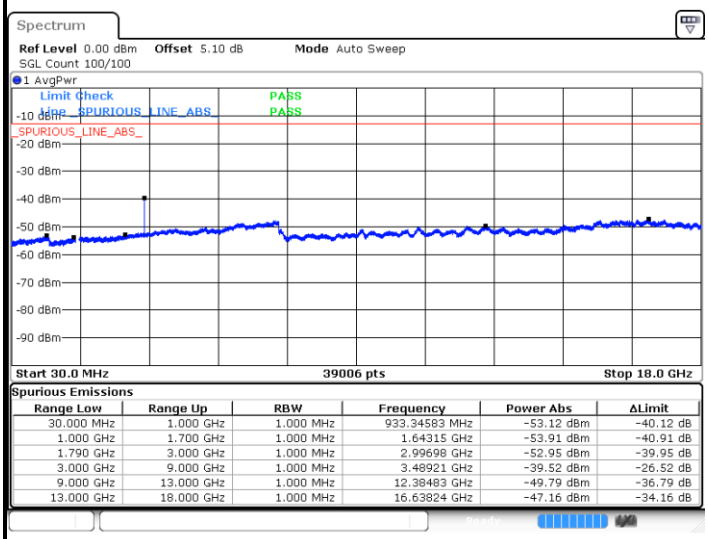


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-53.41 dBm	-40.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64350 GHz	-53.82 dBm	-40.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99294 GHz	-52.98 dBm	-39.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-33.76 dBm	-20.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37783 GHz	-49.87 dBm	-36.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61824 GHz	-47.42 dBm	-34.42 dB

Date: 11.MAY.2018 18:55:15

Middle Channel / QPSK

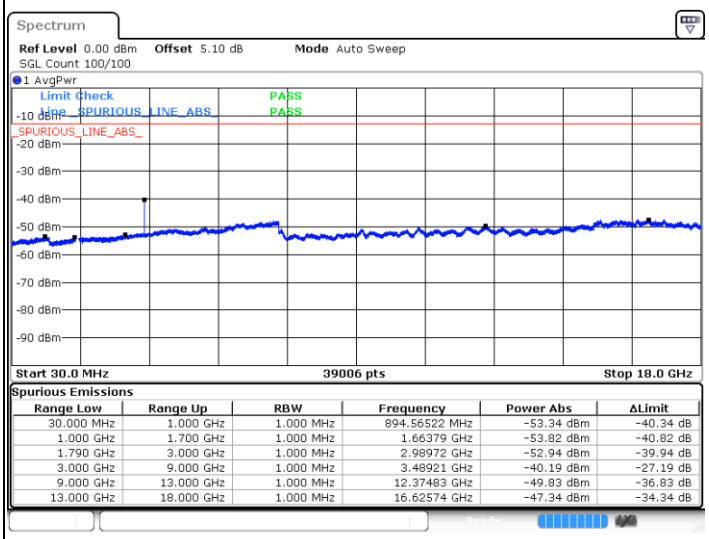


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-53.12 dBm	-40.12 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64315 GHz	-53.91 dBm	-40.91 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99698 GHz	-52.95 dBm	-39.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48921 GHz	-39.52 dBm	-26.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38483 GHz	-49.79 dBm	-36.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63824 GHz	-47.16 dBm	-34.16 dB

Date: 11.MAY.2018 18:59:29

Middle Channel / 16QAM



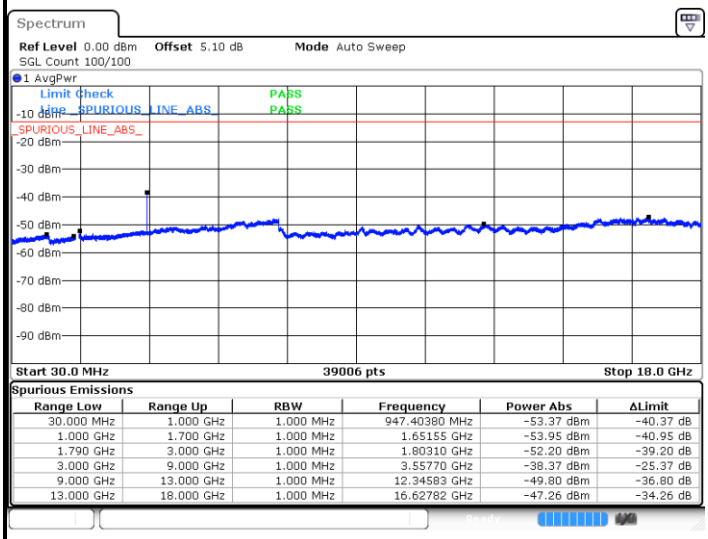
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-53.34 dBm	-40.34 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66379 GHz	-53.82 dBm	-40.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98972 GHz	-52.94 dBm	-39.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48921 GHz	-40.19 dBm	-27.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37483 GHz	-49.83 dBm	-36.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62574 GHz	-47.34 dBm	-34.34 dB

Date: 11.MAY.2018 18:58:42

LTE Band 66 / 1.4MHz

Highest Channel / QPSK

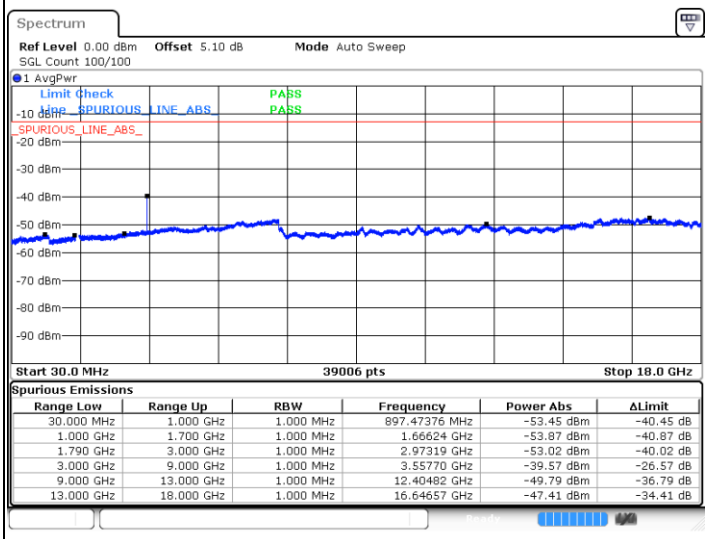


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-53.37 dBm	-40.37 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65155 GHz	-53.95 dBm	-40.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.80310 GHz	-52.20 dBm	-39.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55770 GHz	-38.37 dBm	-25.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34583 GHz	-49.80 dBm	-36.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62782 GHz	-47.26 dBm	-34.26 dB

Date: 11.MAY.2018 19:00:36

Highest Channel / 16QAM



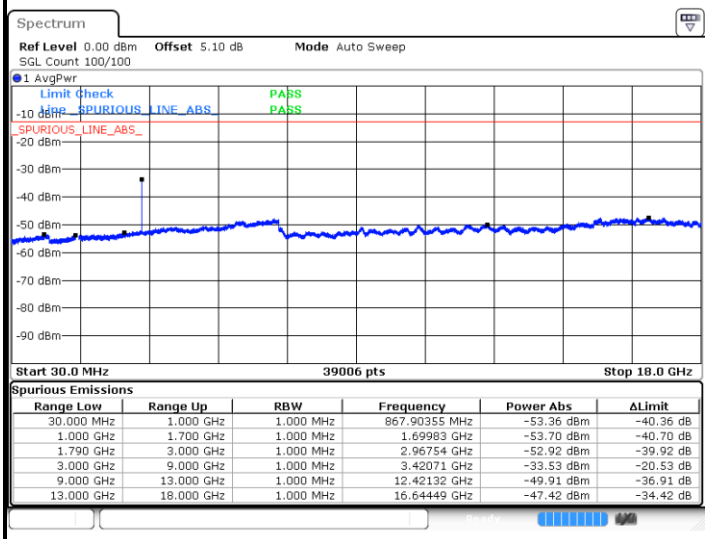
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-53.45 dBm	-40.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66624 GHz	-53.87 dBm	-40.87 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97319 GHz	-53.02 dBm	-40.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55770 GHz	-39.57 dBm	-26.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40482 GHz	-49.79 dBm	-36.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64657 GHz	-47.41 dBm	-34.41 dB

Date: 11.MAY.2018 19:01:16

LTE Band 66 / 3MHz

Lowest Channel / QPSK

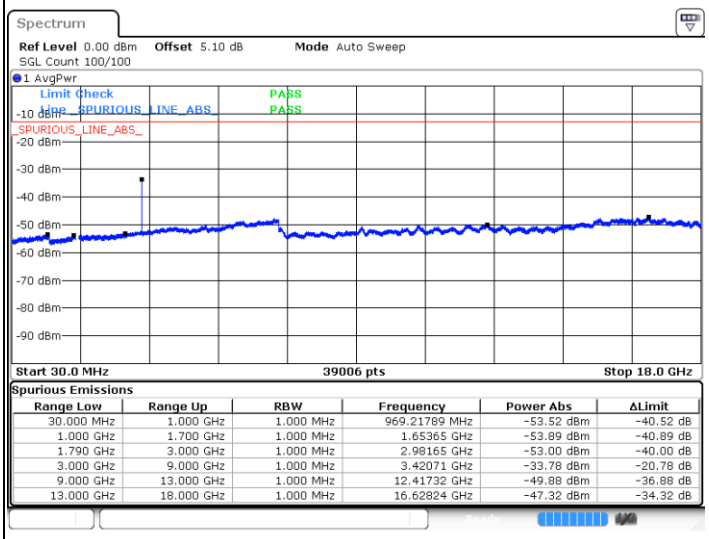


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-53.36 dBm	-40.36 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-53.70 dBm	-40.70 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96754 GHz	-52.92 dBm	-39.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-33.53 dBm	-20.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42132 GHz	-49.91 dBm	-36.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64449 GHz	-47.42 dBm	-34.42 dB

Date: 11.MAY.2018 19:14:21

Lowest Channel / 16QAM



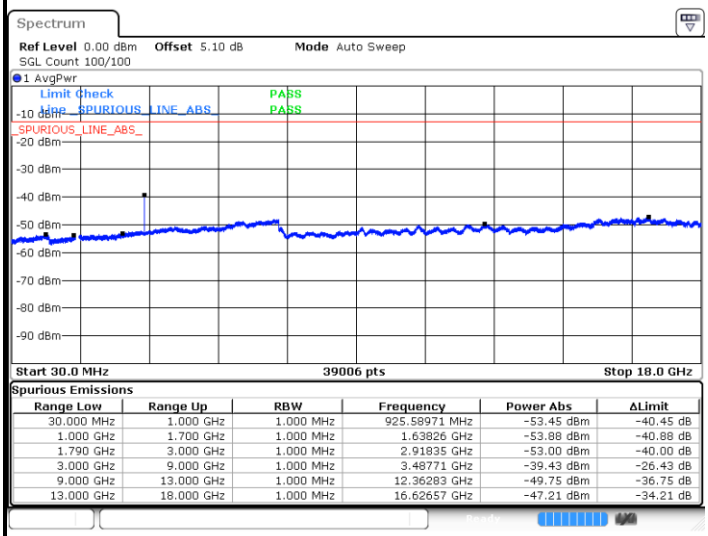
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-53.52 dBm	-40.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65365 GHz	-53.89 dBm	-40.89 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98165 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-33.78 dBm	-20.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41732 GHz	-49.88 dBm	-36.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62824 GHz	-47.32 dBm	-34.32 dB

Date: 11.MAY.2018 19:15:02

LTE Band 66 / 3MHz

Middle Channel / QPSK

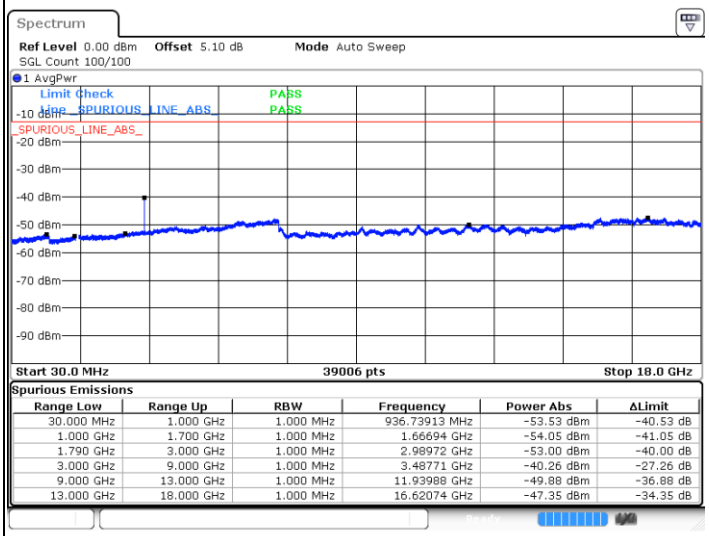


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-53.45 dBm	-40.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63826 GHz	-53.88 dBm	-40.88 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.91835 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48771 GHz	-39.43 dBm	-26.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36283 GHz	-49.75 dBm	-36.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62657 GHz	-47.21 dBm	-34.21 dB

Date: 11.MAY.2018 19:18:45

Middle Channel / 16QAM

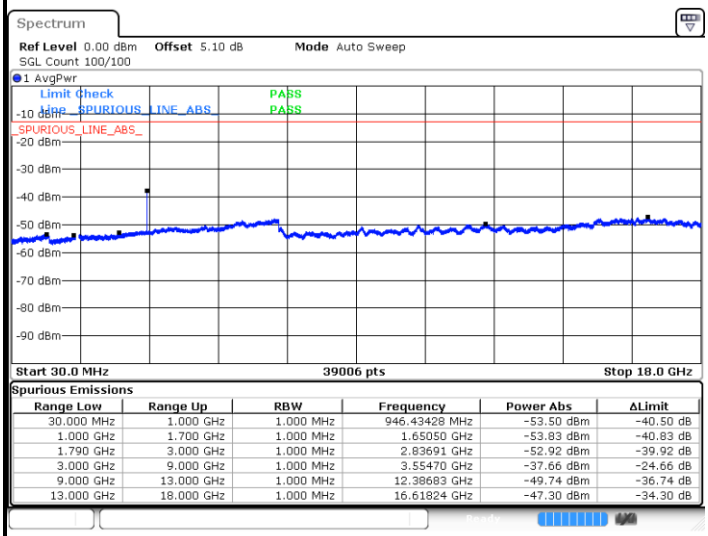


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-53.53 dBm	-40.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66694 GHz	-54.05 dBm	-41.05 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98972 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48771 GHz	-40.26 dBm	-27.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93988 GHz	-49.88 dBm	-36.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62074 GHz	-47.35 dBm	-34.35 dB

Date: 11.MAY.2018 19:19:22

Highest Channel / QPSK

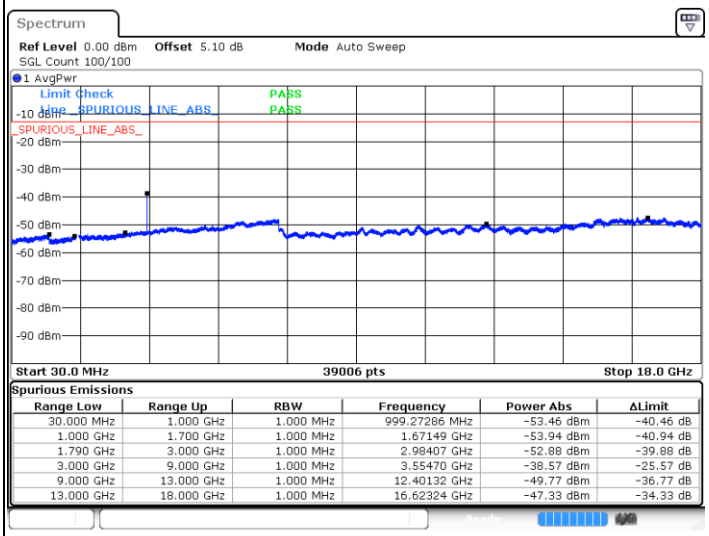


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-53.50 dBm	-40.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65050 GHz	-53.83 dBm	-40.83 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.83691 GHz	-52.92 dBm	-39.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55470 GHz	-37.66 dBm	-24.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38683 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61824 GHz	-47.30 dBm	-34.30 dB

Date: 11.MAY.2018 19:26:46

Highest Channel / 16QAM



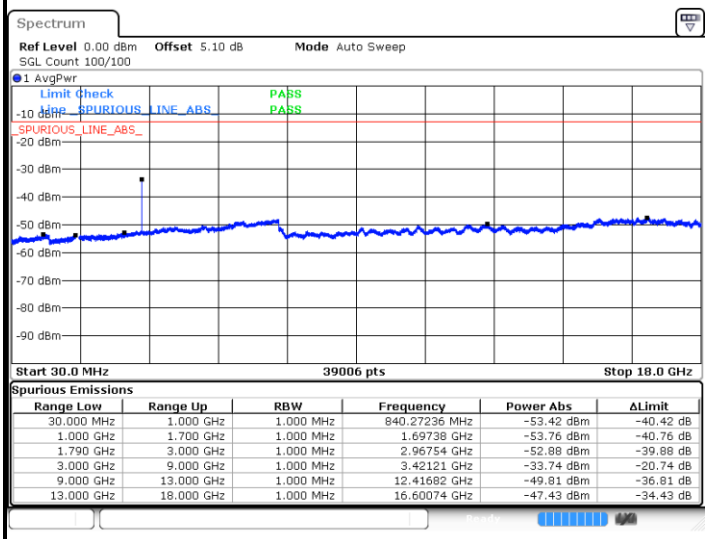
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-53.46 dBm	-40.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67149 GHz	-53.94 dBm	-40.94 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98407 GHz	-52.88 dBm	-39.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55470 GHz	-38.57 dBm	-25.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40132 GHz	-49.77 dBm	-36.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62324 GHz	-47.33 dBm	-34.33 dB

Date: 11.MAY.2018 19:25:52

LTE Band 66 / 5MHz

Lowest Channel / QPSK

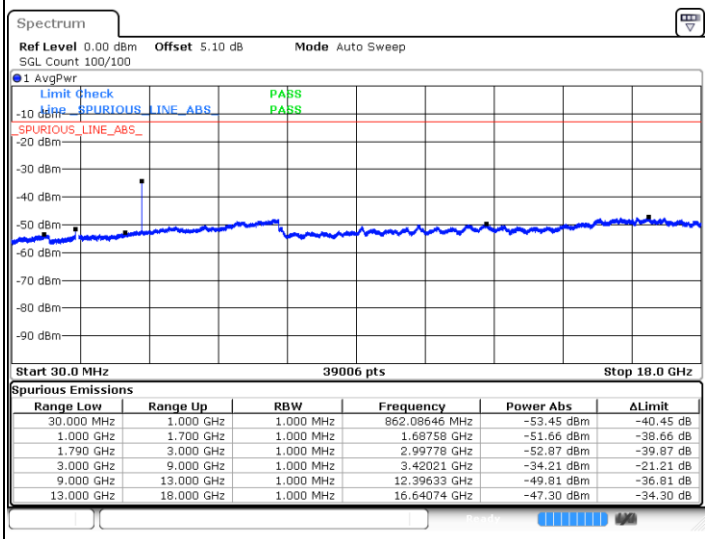


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	840.27236 MHz	-53.42 dBm	-40.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-53.76 dBm	-40.76 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96754 GHz	-52.88 dBm	-39.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-33.74 dBm	-20.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41682 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60074 GHz	-47.43 dBm	-34.43 dB

Date: 11.MAY.2018 19:36:21

Lowest Channel / 16QAM

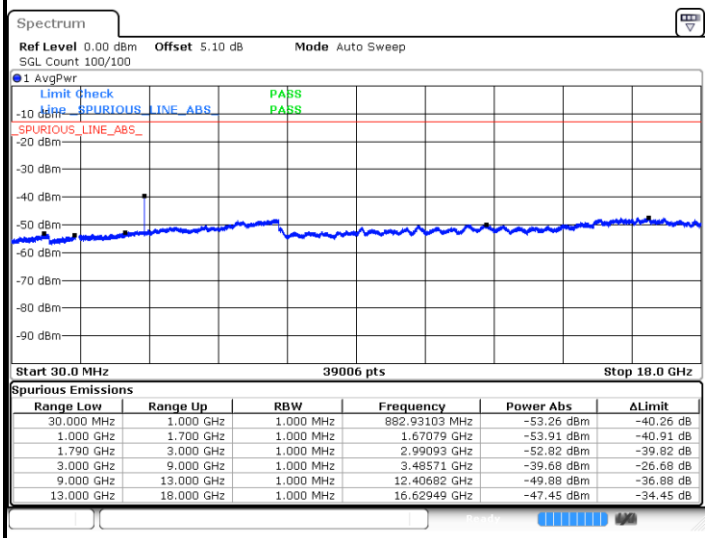


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.08646 MHz	-53.45 dBm	-40.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68758 GHz	-51.66 dBm	-38.66 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99778 GHz	-52.87 dBm	-39.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-34.21 dBm	-21.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39633 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64074 GHz	-47.30 dBm	-34.30 dB

Date: 11.MAY.2018 19:34:30

Middle Channel / QPSK

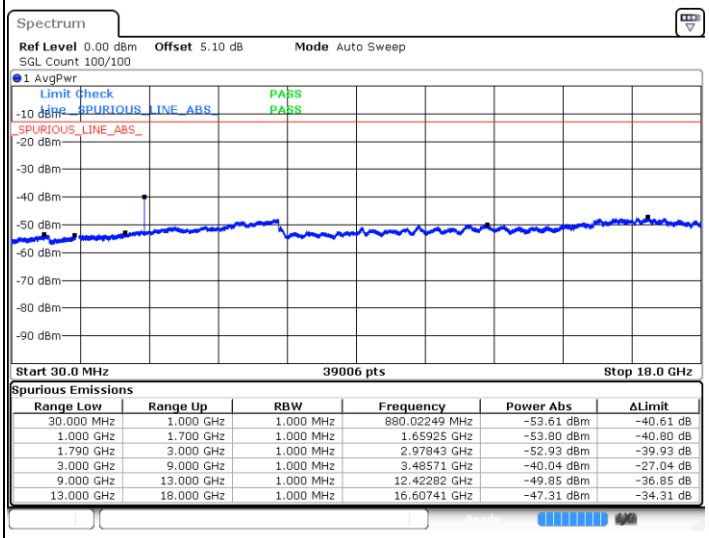


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.93103 MHz	-53.26 dBm	-40.26 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67079 GHz	-53.91 dBm	-40.91 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99093 GHz	-52.82 dBm	-39.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48571 GHz	-39.68 dBm	-26.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40682 GHz	-49.88 dBm	-36.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62949 GHz	-47.45 dBm	-34.45 dB

Date: 11.MAY.2018 19:37:20

Middle Channel / 16QAM



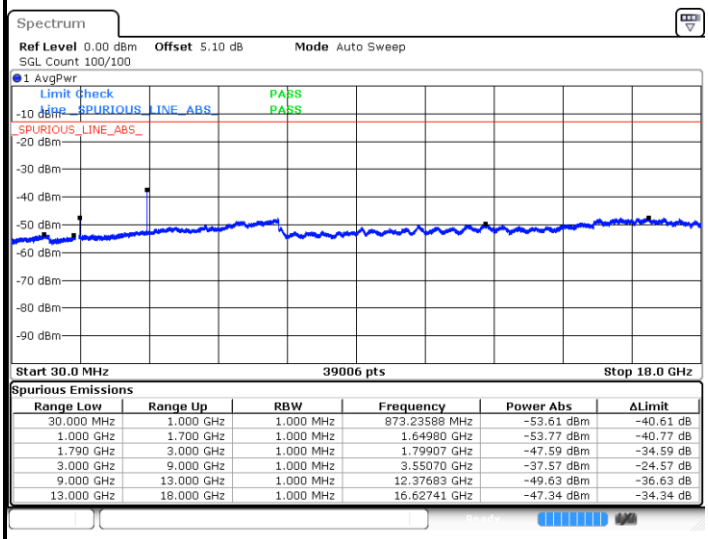
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65925 GHz	-53.80 dBm	-40.80 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97843 GHz	-52.93 dBm	-39.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48571 GHz	-40.04 dBm	-27.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42282 GHz	-49.85 dBm	-36.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60741 GHz	-47.31 dBm	-34.31 dB

Date: 11.MAY.2018 19:37:57

LTE Band 66 / 5MHz

Highest Channel / QPSK

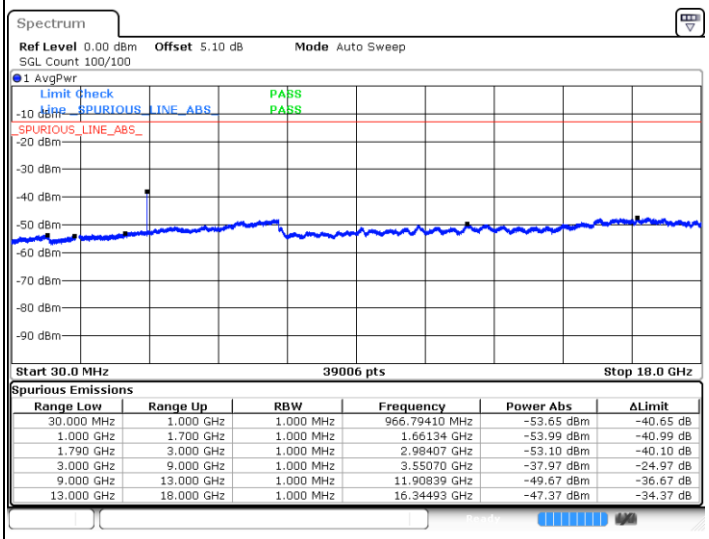


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64980 GHz	-53.77 dBm	-40.77 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79907 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-37.57 dBm	-24.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37683 GHz	-49.63 dBm	-36.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62741 GHz	-47.34 dBm	-34.34 dB

Date: 11.MAY.2018 19:42:44

Highest Channel / 16QAM



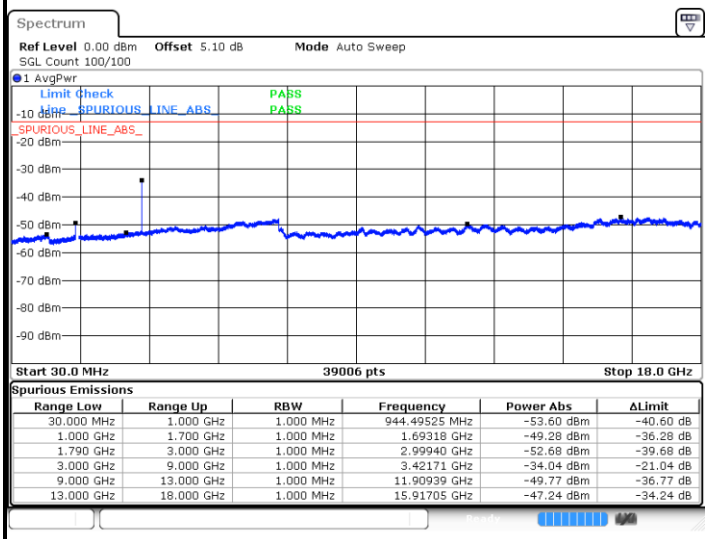
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-53.65 dBm	-40.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66134 GHz	-53.99 dBm	-40.99 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98407 GHz	-53.10 dBm	-40.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-37.97 dBm	-24.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90839 GHz	-49.67 dBm	-36.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34493 GHz	-47.37 dBm	-34.37 dB

Date: 11.MAY.2018 19:42:03

LTE Band 66 / 10MHz

Lowest Channel / QPSK

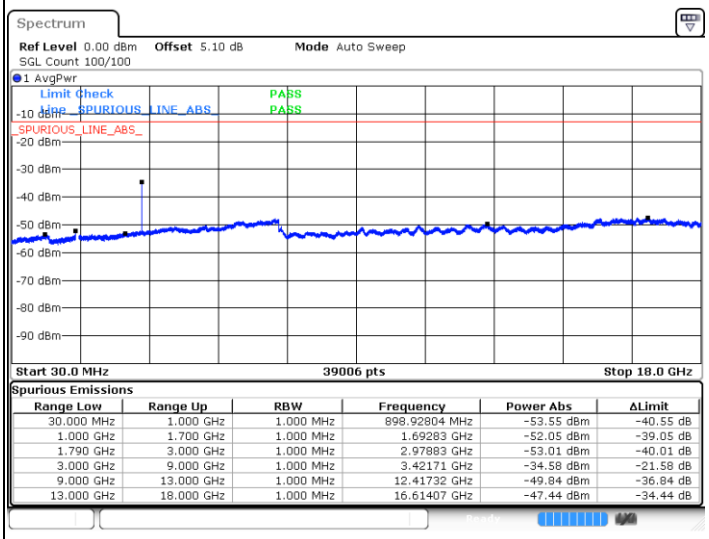


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-53.60 dBm	-40.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-49.28 dBm	-36.28 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99940 GHz	-52.68 dBm	-39.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-34.04 dBm	-21.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90939 GHz	-49.77 dBm	-36.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91705 GHz	-47.24 dBm	-34.24 dB

Date: 11.MAY.2018 19:47:44

Lowest Channel / 16QAM



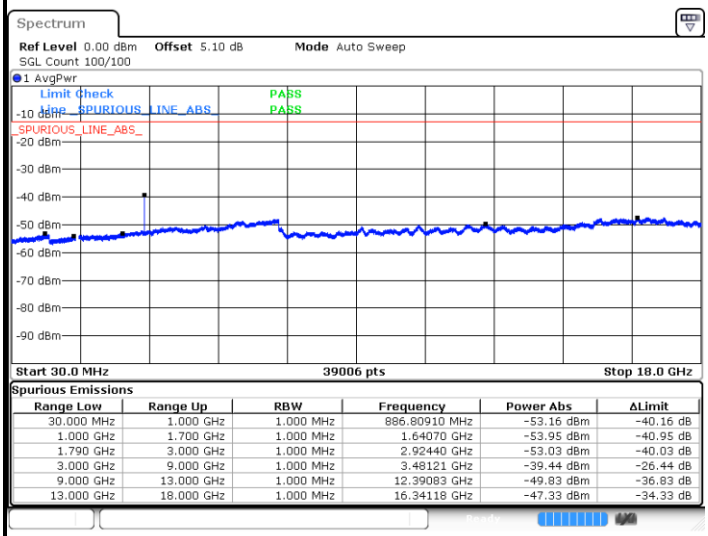
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-53.55 dBm	-40.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-52.05 dBm	-39.05 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97883 GHz	-53.01 dBm	-40.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-34.58 dBm	-21.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41732 GHz	-49.84 dBm	-36.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61407 GHz	-47.44 dBm	-34.44 dB

Date: 11.MAY.2018 19:47:03

LTE Band 66 / 10MHz

Middle Channel / QPSK

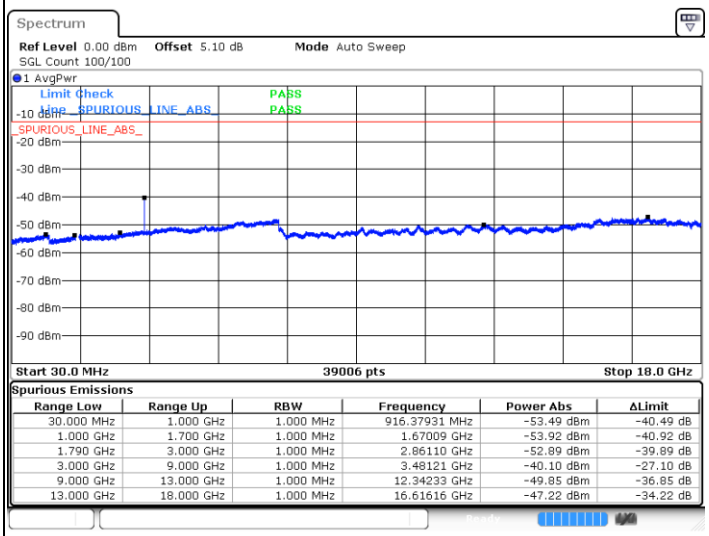


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-53.16 dBm	-40.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64070 GHz	-53.95 dBm	-40.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.92440 GHz	-53.03 dBm	-40.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-39.44 dBm	-26.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39083 GHz	-49.83 dBm	-36.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34118 GHz	-47.33 dBm	-34.33 dB

Date: 11.MAY.2018 19:48:29

Middle Channel / 16QAM

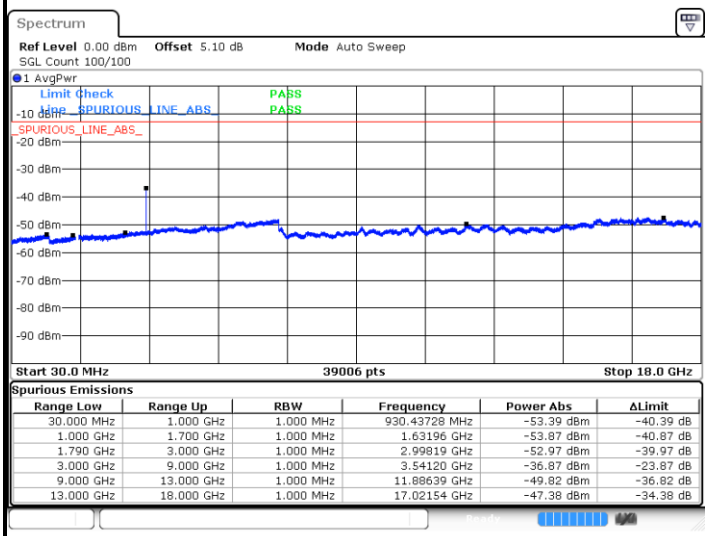


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-53.49 dBm	-40.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67009 GHz	-53.92 dBm	-40.92 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.86110 GHz	-52.89 dBm	-39.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-40.10 dBm	-27.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34233 GHz	-49.85 dBm	-36.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61616 GHz	-47.22 dBm	-34.22 dB

Date: 11.MAY.2018 19:49:20

Highest Channel / QPSK

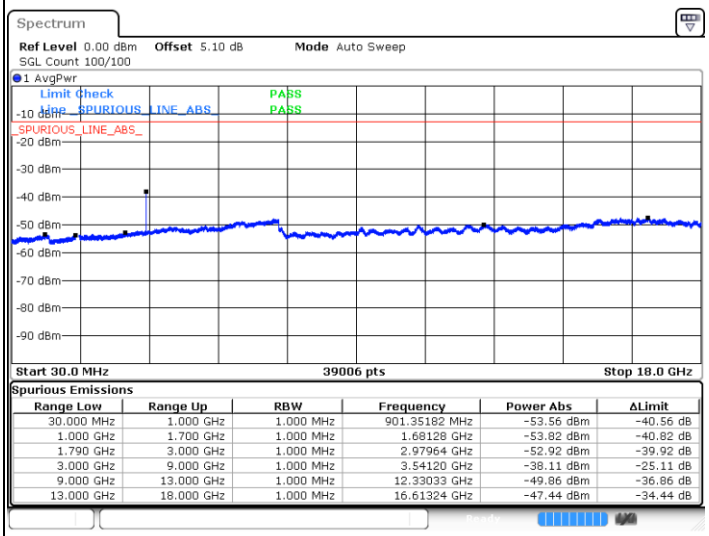


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.43728 MHz	-53.39 dBm	-40.39 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63196 GHz	-53.87 dBm	-40.87 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99819 GHz	-52.97 dBm	-39.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-36.87 dBm	-23.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.88639 GHz	-49.82 dBm	-36.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.02154 GHz	-47.38 dBm	-34.38 dB

Date: 11.MAY.2018 19:53:29

Highest Channel / 16QAM



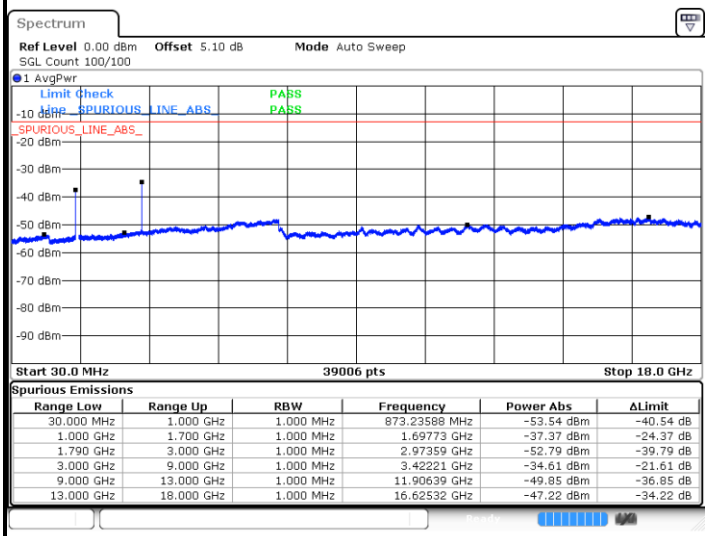
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-53.56 dBm	-40.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68128 GHz	-53.82 dBm	-40.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97964 GHz	-52.92 dBm	-39.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-38.11 dBm	-25.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.33033 GHz	-49.86 dBm	-36.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61324 GHz	-47.44 dBm	-34.44 dB

Date: 11.MAY.2018 19:52:51

LTE Band 66 / 15MHz

Lowest Channel / QPSK

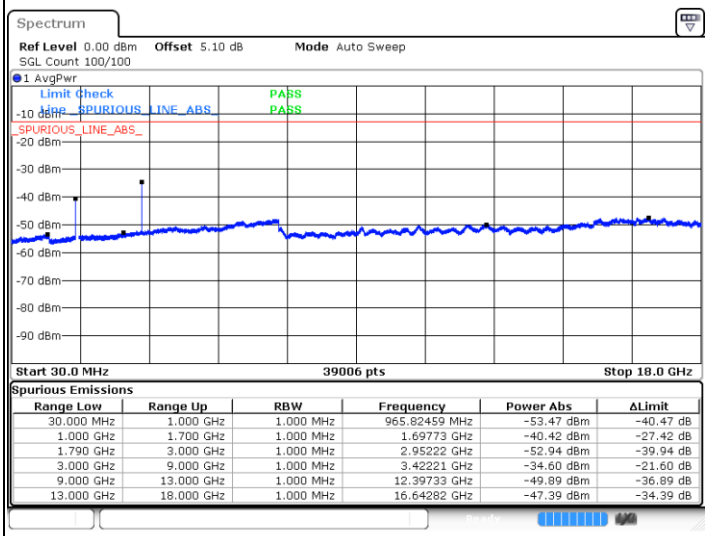


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-53.54 dBm	-40.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-37.37 dBm	-24.37 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97359 GHz	-52.79 dBm	-39.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-34.61 dBm	-21.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90639 GHz	-49.85 dBm	-36.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62532 GHz	-47.22 dBm	-34.22 dB

Date: 11.MAY.2018 19:58:14

Lowest Channel / 16QAM

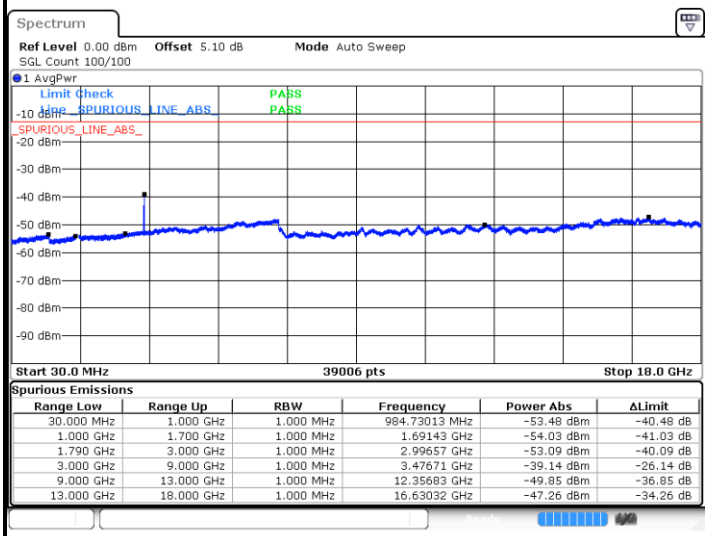


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-53.47 dBm	-40.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-40.42 dBm	-27.42 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95222 GHz	-52.94 dBm	-39.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-34.60 dBm	-21.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39733 GHz	-49.89 dBm	-36.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64282 GHz	-47.39 dBm	-34.39 dB

Date: 11.MAY.2018 19:57:35

Middle Channel / QPSK

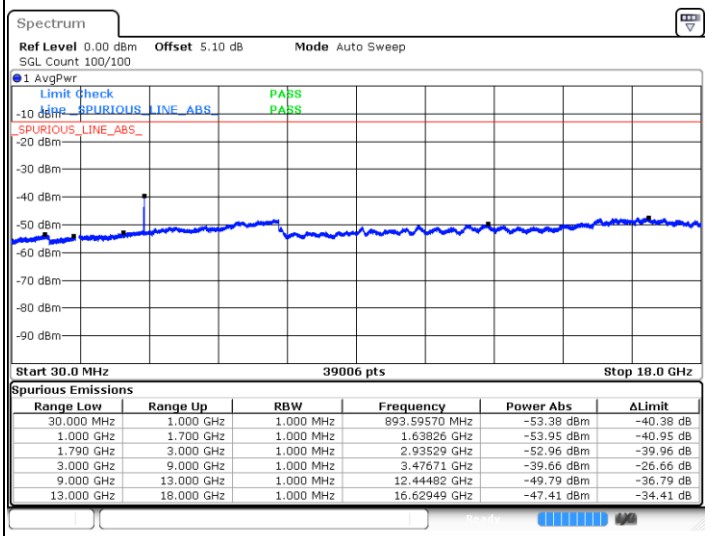


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-53.48 dBm	-40.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69143 GHz	-54.03 dBm	-41.03 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99657 GHz	-53.09 dBm	-40.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47671 GHz	-39.14 dBm	-26.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35683 GHz	-49.85 dBm	-36.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63032 GHz	-47.26 dBm	-34.26 dB

Date: 11.MAY.2018 19:59:18

Middle Channel / 16QAM



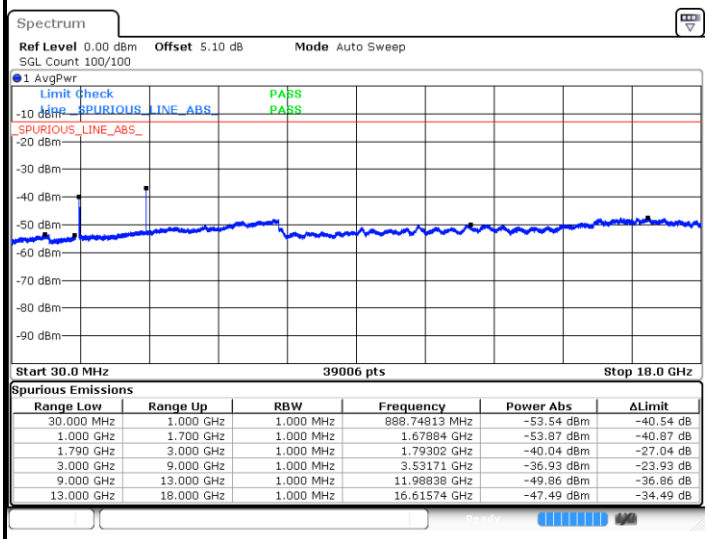
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-53.38 dBm	-40.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63826 GHz	-53.95 dBm	-40.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.93529 GHz	-52.96 dBm	-39.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47671 GHz	-39.66 dBm	-26.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44482 GHz	-49.79 dBm	-36.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62949 GHz	-47.41 dBm	-34.41 dB

Date: 11.MAY.2018 19:59:54

LTE Band 66 / 15MHz

Highest Channel / QPSK

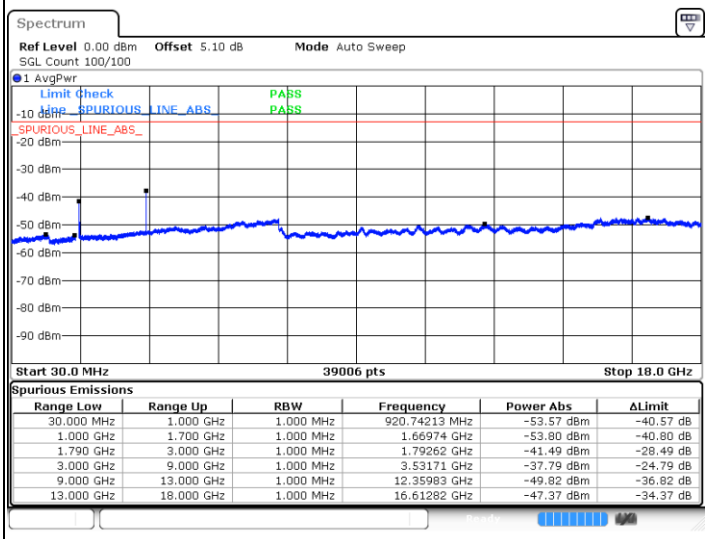


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-53.54 dBm	-40.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67884 GHz	-53.87 dBm	-40.87 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79302 GHz	-40.04 dBm	-27.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53171 GHz	-36.93 dBm	-23.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.98838 GHz	-49.86 dBm	-36.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61574 GHz	-47.49 dBm	-34.49 dB

Date: 11.MAY.2018 20:04:55

Highest Channel / 16QAM



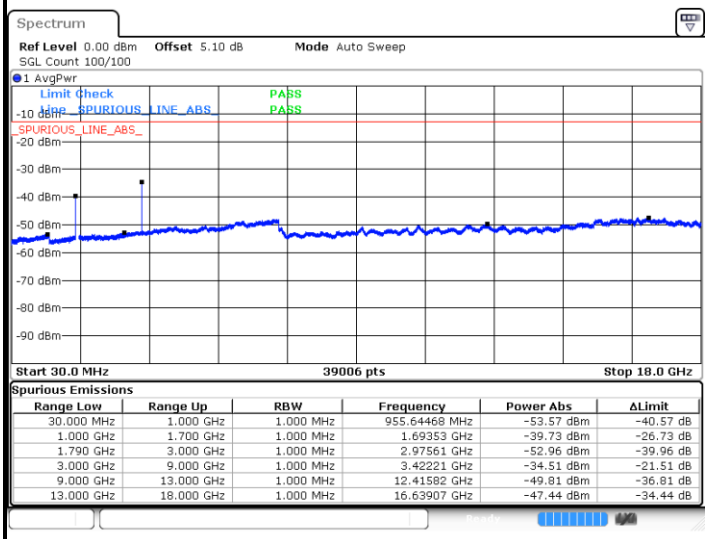
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-53.57 dBm	-40.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66974 GHz	-53.80 dBm	-40.80 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-41.49 dBm	-28.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53171 GHz	-37.79 dBm	-24.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35983 GHz	-49.82 dBm	-36.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61282 GHz	-47.37 dBm	-34.37 dB

Date: 11.MAY.2018 20:04:12

LTE Band 66 / 20MHz

Lowest Channel / QPSK

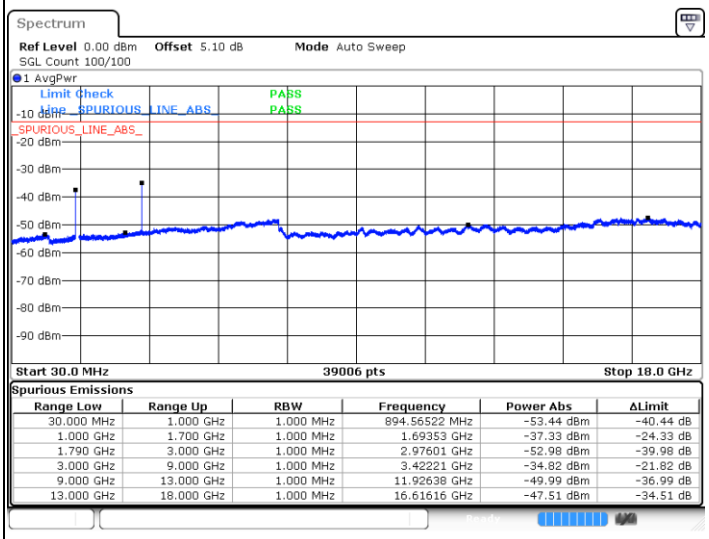


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-53.57 dBm	-40.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-39.73 dBm	-26.73 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97561 GHz	-52.96 dBm	-39.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-34.51 dBm	-21.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41582 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63907 GHz	-47.44 dBm	-34.44 dB

Date: 11.MAY.2018 20:09:53

Lowest Channel / 16QAM



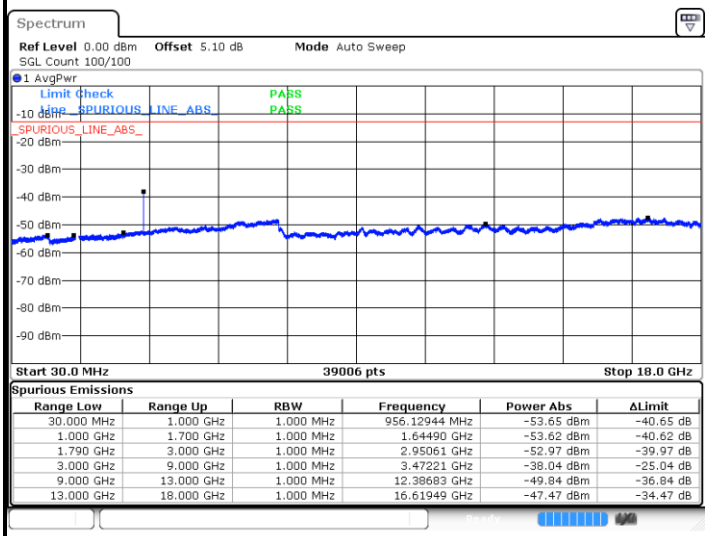
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-53.44 dBm	-40.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-37.33 dBm	-24.33 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97601 GHz	-52.98 dBm	-39.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-34.82 dBm	-21.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92638 GHz	-49.99 dBm	-36.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61616 GHz	-47.51 dBm	-34.51 dB

Date: 11.MAY.2018 20:09:12

LTE Band 66 / 20MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.12944 MHz	-53.65 dBm	-40.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64490 GHz	-53.62 dBm	-40.62 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95061 GHz	-52.97 dBm	-39.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-38.04 dBm	-25.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38683 GHz	-49.84 dBm	-36.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61949 GHz	-47.47 dBm	-34.47 dB

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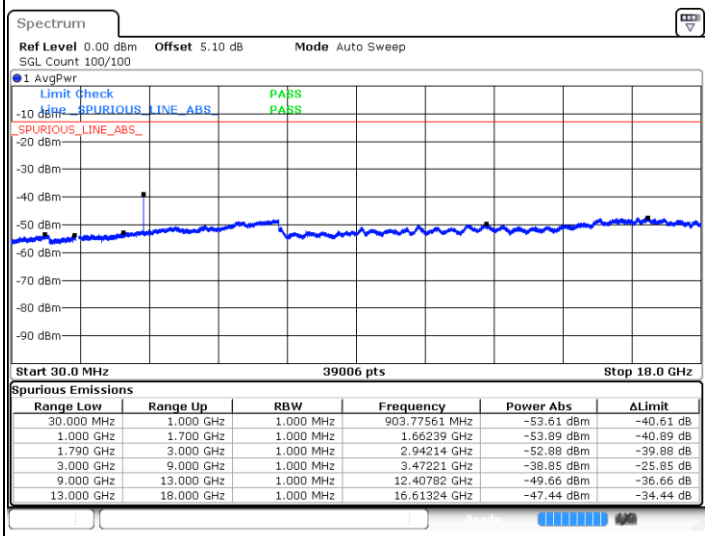
Middle Channel / 16QAM

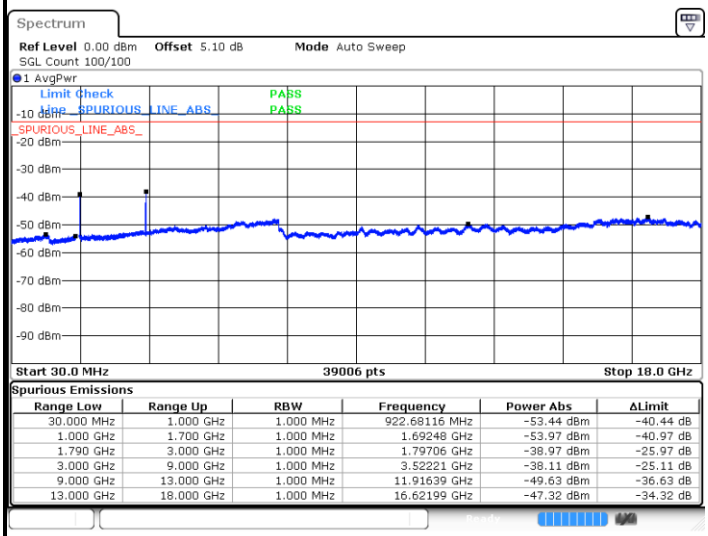


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66239 GHz	-53.89 dBm	-40.89 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94214 GHz	-52.88 dBm	-39.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-38.85 dBm	-25.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40782 GHz	-49.66 dBm	-36.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61324 GHz	-47.44 dBm	-34.44 dB

Date: 11.MAY.2018 20:11:36

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-53.44 dBm	-40.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69248 GHz	-53.97 dBm	-40.97 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79706 GHz	-38.97 dBm	-25.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52221 GHz	-38.11 dBm	-25.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91639 GHz	-49.63 dBm	-36.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62199 GHz	-47.32 dBm	-34.32 dB

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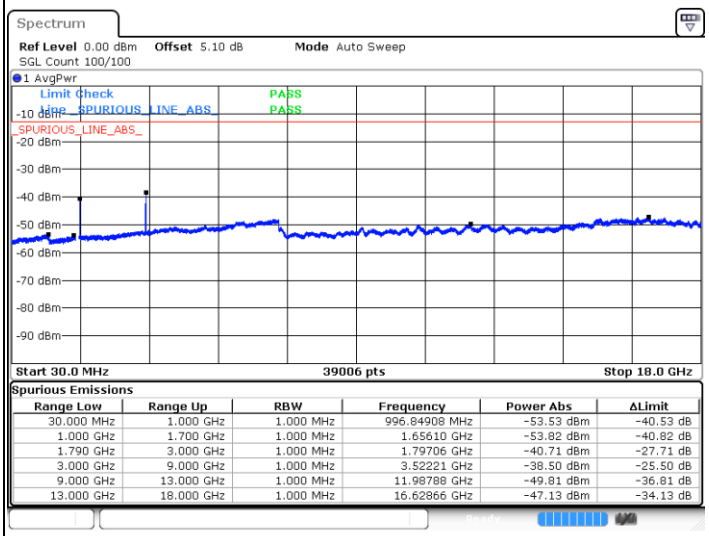
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-53.53 dBm	-40.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65610 GHz	-53.82 dBm	-40.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79706 GHz	-40.71 dBm	-27.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52221 GHz	-38.50 dBm	-25.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.98788 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62866 GHz	-47.13 dBm	-34.13 dB

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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	0.0004	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.435 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	0.0056	PASS
40	Normal Voltage	0.0063	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0056	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0050	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.435 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.435 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0055	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0041	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.435 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0061	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0065	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.435 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	0.0020	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.435 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.435 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)
Lowest	3702	-55.56	-13	-42.56	-57.28	5.08	6.80	H
	5553	-45.51	-13	-32.51	-47.18	8.03	9.70	H
	7404	-49.84	-13	-36.84	-52.22	9.43	11.81	H
	3702	-54.77	-13	-41.77	-56.49	5.08	6.80	V
	5553	-47.04	-13	-34.04	-48.71	8.03	9.70	V
	7404	-50.03	-13	-37.03	-52.41	9.43	11.81	V
Middle	3741	-54.49	-13	-41.49	-56.21	5.08	6.80	H
	5613	-40.61	-13	-27.61	-42.28	8.03	9.70	H
	7485	-48.72	-13	-35.72	-51.10	9.43	11.81	H
	3741	-53.92	-13	-40.92	-55.64	5.08	6.80	V
	5613	-44.72	-13	-31.72	-46.39	8.03	9.70	V
	7485	-49.30	-13	-36.30	-51.68	9.43	11.81	V
Highest	3783	-55.32	-13	-42.32	-57.04	5.08	6.80	H
	5673	-40.17	-13	-27.17	-41.84	8.03	9.70	H
	7563	-48.52	-13	-35.52	-50.90	9.43	11.81	H
	3783	-54.10	-13	-41.10	-55.82	5.08	6.80	V
	5673	-44.98	-13	-31.98	-46.65	8.03	9.70	V
	7563	-48.92	-13	-35.92	-51.30	9.43	11.81	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)
Lowest	1650	-58.17	-13	-45.17	-60.08	1.14	5.20	H
	2474	-47.92	-13	-34.92	-50.55	1.12	5.90	H
	3297	-58.65	-13	-45.65	-61.86	1.34	6.70	H
	1650	-55.22	-13	-42.22	-57.13	1.14	5.20	V
	2474	-46.17	-13	-33.17	-48.80	1.12	5.90	V
	3297	-58.42	-13	-45.42	-61.63	1.34	6.70	V
Middle	1664	-52.22	-13	-39.22	-54.13	1.14	5.20	H
	2496	-39.03	-13	-26.03	-41.66	1.12	5.90	H
	3327	-58.83	-13	-45.83	-62.04	1.34	6.70	H
	1664	-49.68	-13	-36.68	-51.59	1.14	5.20	V
	2496	-35.45	-13	-22.45	-38.08	1.12	5.90	V
	3327	-58.39	-13	-45.39	-61.60	1.34	6.70	V
Highest	1680	-57.17	-13	-44.17	-59.08	1.14	5.20	H
	2518	-48.74	-13	-35.74	-51.37	1.12	5.90	H
	3357	-58.71	-13	-45.71	-61.92	1.34	6.70	H
	1680	-54.33	-13	-41.33	-56.24	1.14	5.20	V
	2518	-44.97	-13	-31.97	-47.60	1.12	5.90	V
	3357	-58.49	-13	-45.49	-61.70	1.34	6.70	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)
Lowest	5000	-47.68	-25	-22.68	-54.12	2.34	8.78	H
	7505	-50.46	-25	-25.46	-59.67	2.66	11.87	H
	10008	-49.29	-25	-24.29	-58.31	2.99	12.01	H
	12501	-52.96	-25	-27.96	-61.89	3.98	12.91	H
	5000	-50.49	-25	-25.49	-56.93	2.34	8.78	V
	7505	-51.41	-25	-26.41	-60.62	2.66	11.87	V
	10008	-53.20	-25	-28.20	-62.22	2.99	12.01	V
	12501	-55.31	-25	-30.31	-64.24	3.98	12.91	V
Middle	5052	-46.97	-25	-21.97	-53.41	2.34	8.78	H
	7580	-50.80	-25	-25.80	-60.01	2.66	11.87	H
	10107	-56.74	-25	-31.74	-65.76	2.99	12.01	H
	12627	-51.33	-25	-26.33	-60.26	3.98	12.91	H
	5052	-52.21	-25	-27.21	-58.65	2.34	8.78	V
	7580	-50.55	-25	-25.55	-59.76	2.66	11.87	V
	10107	-55.70	-25	-30.70	-64.72	2.99	12.01	V
	12627	-53.81	-25	-28.81	-62.74	3.98	12.91	V
Highest	5104	-47.48	-25	-22.48	-53.92	2.34	8.78	H
	7652	-54.05	-25	-29.05	-63.26	2.66	11.87	H
	10206	-55.13	-25	-30.13	-64.15	2.99	12.01	H
	12753	-53.95	-25	-28.95	-62.88	3.98	12.91	H
	5104	-53.14	-25	-28.14	-59.58	2.34	8.78	V
	7652	-53.18	-25	-28.18	-62.39	2.66	11.87	V
	10206	-56.69	-25	-31.69	-65.71	2.99	12.01	V
	12753	-55.62	-25	-30.62	-64.55	3.98	12.91	V

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

LTE Band 12 / 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)
Lowest	1400	-62.56	-13	-49.56	-64.54	1.00	5.12	H
	2098	-45.27	-13	-32.27	-48.50	1.24	6.62	H
	2798	-59.34	-13	-46.34	-63.23	1.42	7.46	H
	1400	-60.12	-13	-47.12	-62.10	1.00	5.12	V
	2098	-44.30	-13	-31.30	-47.53	1.24	6.62	V
	2798	-58.76	-13	-45.76	-62.65	1.42	7.46	V
Middle	1406	-54.84	-13	-41.84	-56.82	1.00	5.12	H
	2110	-38.46	-13	-25.46	-41.69	1.24	6.62	H
	2812	-59.10	-13	-46.10	-62.99	1.42	7.46	H
	1406	-53.64	-13	-40.64	-55.62	1.00	5.12	V
	2110	-40.15	-13	-27.15	-43.38	1.24	6.62	V
	2812	-58.69	-13	-45.69	-62.58	1.42	7.46	V
Highest	1412	-58.66	-13	-45.66	-60.64	1.00	5.12	H
	2120	-43.91	-13	-30.91	-47.14	1.24	6.62	H
	2826	-58.76	-13	-45.76	-62.65	1.42	7.46	H
	1414	-55.99	-13	-42.99	-57.97	1.00	5.12	V
	2120	-43.89	-13	-30.89	-47.12	1.24	6.62	V
	2826	-58.26	-13	-45.26	-62.15	1.42	7.46	V

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

LTE Band 13 / 5MHz / 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)
Lowest	1554	-51.32	-13	-38.32	-55.44	1.00	5.12	H
	2332	-56.45	-13	-43.45	-59.68	1.24	6.62	H
	3108	-60.63	-13	-47.63	-64.52	1.42	7.46	H
	1554	-57.33	-13	-44.33	-61.45	1.00	5.12	V
	2332	-49.92	-13	-36.92	-53.15	1.24	6.62	V
	3108	-60.24	-13	-47.24	-64.13	1.42	7.46	V
Middle	1560	-51.94	-40	-11.94	-56.06	1.00	5.12	H
	2340	-41.09	-13	-28.09	-44.32	1.24	6.62	H
	3120	-60.68	-13	-47.68	-64.57	1.42	7.46	H
	1560	-52.54	-40	-12.54	-56.66	1.00	5.12	V
	2340	-42.46	-13	-29.46	-45.69	1.24	6.62	V
	3120	-60.16	-13	-47.16	-64.05	1.42	7.46	V
Highest	1564	-49.33	-40	-9.33	-53.45	1.00	5.12	H
	2346	-50.05	-13	-37.05	-53.28	1.24	6.62	H
	3129	-60.00	-13	-47.00	-63.89	1.42	7.46	H
	1564	-57.37	-40	-17.37	-61.49	1.00	5.12	V
	2348	-56.18	-13	-43.18	-59.41	1.24	6.62	V
	3129	-59.55	-13	-46.55	-63.44	1.42	7.46	V

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

LTE Band 13 / 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	1556	-48.22	-13	-35.22	-50.19	1.00	5.12	H
	2332	-48.76	-13	-35.76	-51.99	1.24	6.62	H
	3111	-59.26	-13	-46.26	-63.15	1.42	7.46	H
	1556	-55.08	-13	-42.08	-57.05	1.00	5.12	V
	2332	-54.73	-13	-41.73	-57.96	1.24	6.62	V
	3111	-59.38	-13	-46.38	-63.27	1.42	7.46	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)
Lowest	5140	-41.72	-25	-16.72	-48.43	2.37	9.08	H
	7712	-50.01	-25	-25.01	-59.60	2.69	12.28	H
	10287	-51.47	-25	-26.47	-60.64	3.04	12.21	H
	12852	-52.63	-25	-27.63	-61.43	4.02	12.82	H
	5140	-45.95	-25	-20.95	-52.66	2.37	9.08	V
	7712	-49.10	-25	-24.10	-58.69	2.69	12.28	V
	10287	-53.10	-25	-28.10	-62.27	3.04	12.21	V
	12852	-54.63	-25	-29.63	-63.43	4.02	12.82	V
Middle	5172	-43.63	-25	-18.63	-50.34	2.37	9.08	H
	7760	-52.95	-25	-27.95	-62.54	2.69	12.28	H
	10341	-53.91	-25	-28.91	-63.08	3.04	12.21	H
	12933	-53.54	-25	-28.54	-62.34	4.02	12.82	H
	5172	-49.85	-25	-24.85	-56.56	2.37	9.08	V
	7760	-54.63	-25	-29.63	-64.22	2.69	12.28	V
	10341	-53.30	-25	-28.30	-62.47	3.04	12.21	V
	12930	-56.04	-25	-31.04	-64.84	4.02	12.82	V
Highest	5200	-39.91	-25	-14.91	-46.62	2.37	9.08	H
	7804	-46.16	-25	-21.16	-55.75	2.69	12.28	H
	10404	-53.94	-25	-28.94	-63.11	3.04	12.21	H
	13005	-49.20	-25	-24.20	-58.00	4.02	12.82	H
	5200	-46.74	-25	-21.74	-53.45	2.37	9.08	V
	7804	-48.62	-25	-23.62	-58.21	2.69	12.28	V
	10404	-53.98	-25	-28.98	-63.15	3.04	12.21	V
	13005	-54.32	-25	-29.32	-63.12	4.02	12.82	V

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

LTE Band 66 / 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)
Lowest	3423	-51.97	-13	-38.97	-57.54	1.92	7.49	H
	5133	-49.41	-13	-36.41	-56.17	2.37	9.13	H
	6843	-50.66	-13	-37.66	-59.49	2.66	11.49	H
	3423	-49.05	-13	-36.05	-54.62	1.92	7.49	V
	5133	-44.39	-13	-31.39	-51.15	2.37	9.13	V
	6843	-50.92	-13	-37.92	-59.75	2.66	11.49	V
Middle	3471	-49.53	-13	-36.53	-55.10	1.92	7.49	H
	5208	-47.35	-13	-34.35	-54.11	2.37	9.13	H
	6945	-51.02	-13	-38.02	-59.85	2.66	11.49	H
	3471	-46.58	-13	-33.58	-52.15	1.92	7.49	V
	5208	-42.87	-13	-29.87	-49.63	2.37	9.13	V
	6945	-51.13	-13	-38.13	-59.96	2.66	11.49	V
Highest	3522	-50.81	-13	-37.81	-56.38	1.92	7.49	H
	5283	-42.18	-13	-29.18	-48.94	2.37	9.13	H
	7044	-50.54	-13	-37.54	-59.37	2.66	11.49	H
	3522	-46.49	-13	-33.49	-52.06	1.92	7.49	V
	5283	-39.04	-13	-26.04	-45.80	2.37	9.13	V
	7044	-50.74	-13	-37.74	-59.57	2.66	11.49	V

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