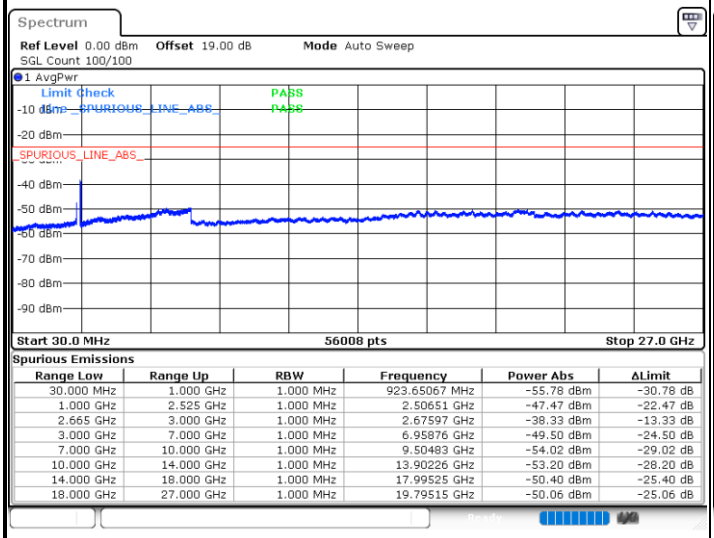
LTE Band 38C / 15MHz+15MHz

16QAM

Highest Channel / 1RB0 and 1RB74

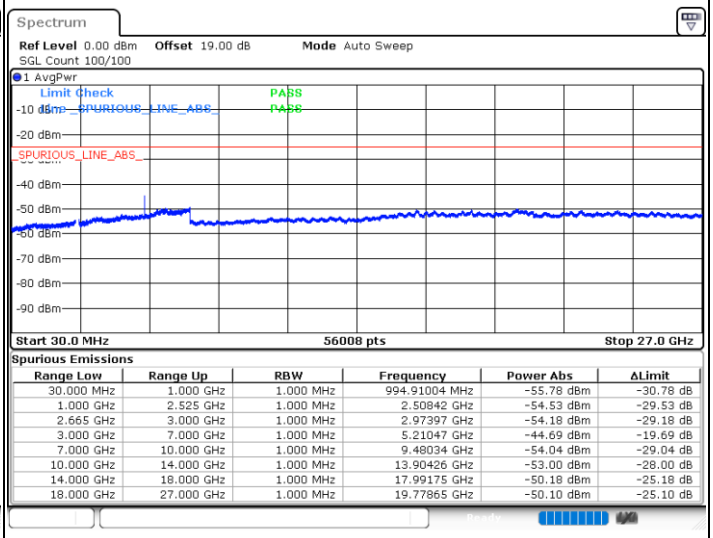


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-55.78 dBm	-30.78 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50651 GHz	-47.47 dBm	-22.47 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.67597 GHz	-38.33 dBm	-13.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95876 GHz	-49.50 dBm	-24.50 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.50483 GHz	-54.02 dBm	-29.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90226 GHz	-53.20 dBm	-28.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99525 GHz	-50.40 dBm	-25.40 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79515 GHz	-50.06 dBm	-25.06 dB

Date: 24.MAY.2022 11:29:39

Highest Channel / 1RB74 and 1RB0

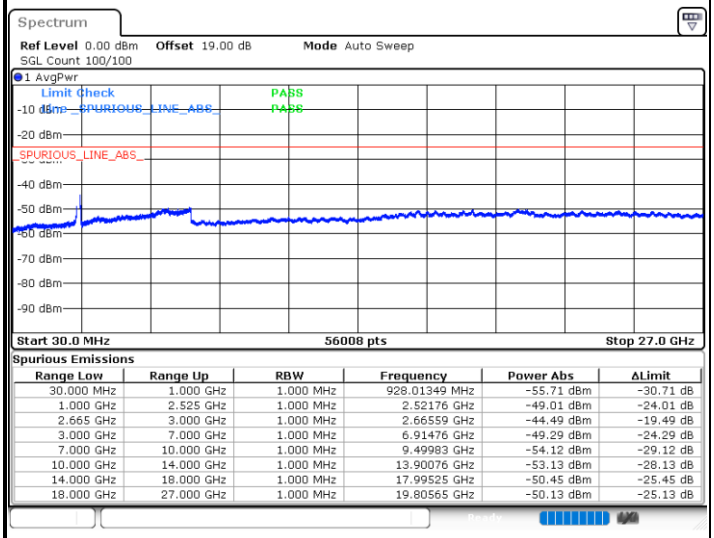


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-55.78 dBm	-30.78 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50842 GHz	-54.53 dBm	-29.53 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.97397 GHz	-54.18 dBm	-29.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.21047 GHz	-44.69 dBm	-19.69 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.48034 GHz	-54.04 dBm	-29.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90426 GHz	-53.00 dBm	-28.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99175 GHz	-50.18 dBm	-25.18 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77865 GHz	-50.10 dBm	-25.10 dB

Date: 24.MAY.2022 11:25:07

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-55.71 dBm	-30.71 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52176 GHz	-49.01 dBm	-24.01 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66559 GHz	-44.49 dBm	-19.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91476 GHz	-49.29 dBm	-24.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.49983 GHz	-54.12 dBm	-29.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90076 GHz	-53.13 dBm	-28.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99525 GHz	-50.45 dBm	-25.45 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80565 GHz	-50.13 dBm	-25.13 dB

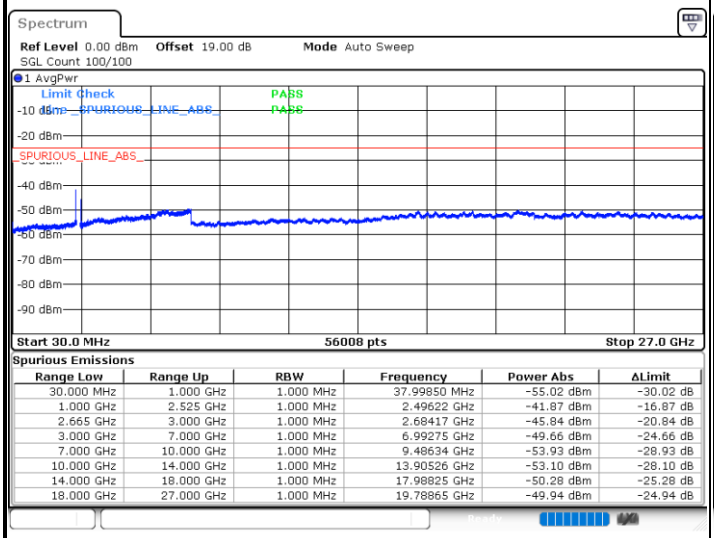
Date: 24.MAY.2022 11:34:12

N/A

LTE Band 38C / 20MHz+20MHz

16QAM

Lowest Channel / 1RB0 and 1RB99

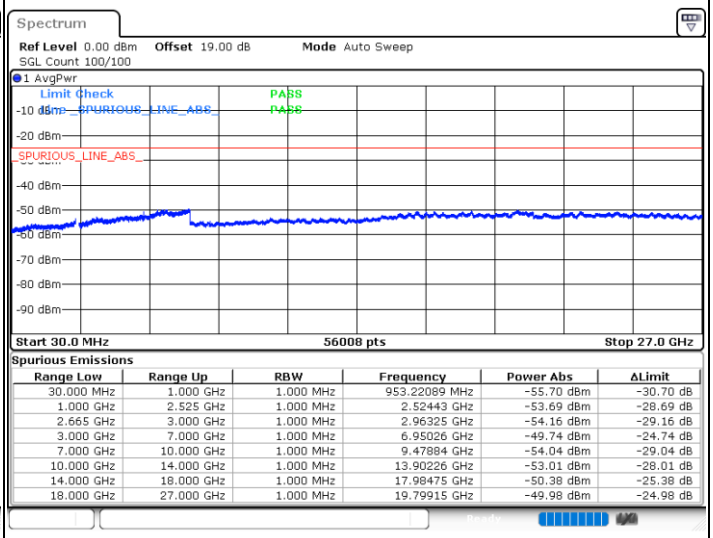


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	37.99850 MHz	-55.02 dBm	-30.02 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.49622 GHz	-41.87 dBm	-16.87 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.68417 GHz	-45.84 dBm	-20.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-49.66 dBm	-24.66 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.48634 GHz	-53.93 dBm	-28.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90526 GHz	-53.10 dBm	-28.10 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98825 GHz	-50.28 dBm	-25.28 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78865 GHz	-49.94 dBm	-24.94 dB

Date: 24.MAY.2022 12:08:29

Lowest Channel / 1RB99 and 1RB0

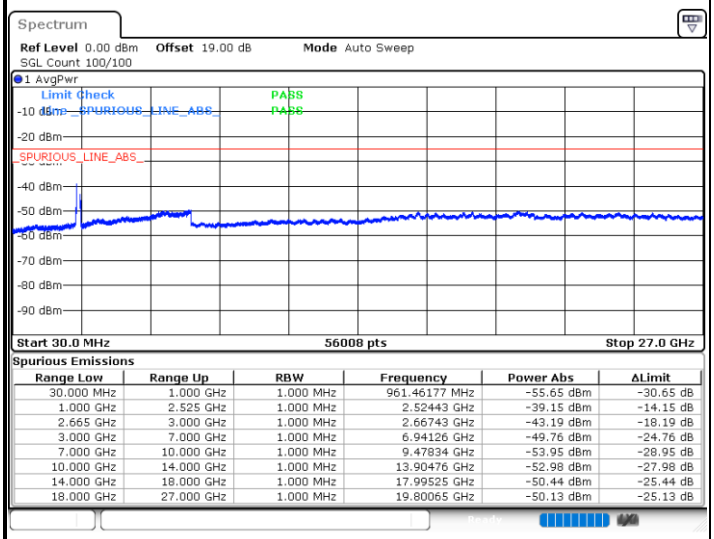


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-55.70 dBm	-30.70 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52443 GHz	-53.69 dBm	-28.69 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.96325 GHz	-54.16 dBm	-29.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95026 GHz	-49.74 dBm	-24.74 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.47884 GHz	-54.04 dBm	-29.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90226 GHz	-53.01 dBm	-28.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98475 GHz	-50.38 dBm	-25.38 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79915 GHz	-49.98 dBm	-24.98 dB

Date: 24.MAY.2022 12:03:56

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-55.65 dBm	-30.65 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52443 GHz	-39.15 dBm	-14.15 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66743 GHz	-43.19 dBm	-18.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94126 GHz	-49.76 dBm	-24.76 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.47834 GHz	-53.95 dBm	-28.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90476 GHz	-52.98 dBm	-27.98 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99525 GHz	-50.44 dBm	-25.44 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80065 GHz	-50.13 dBm	-25.13 dB

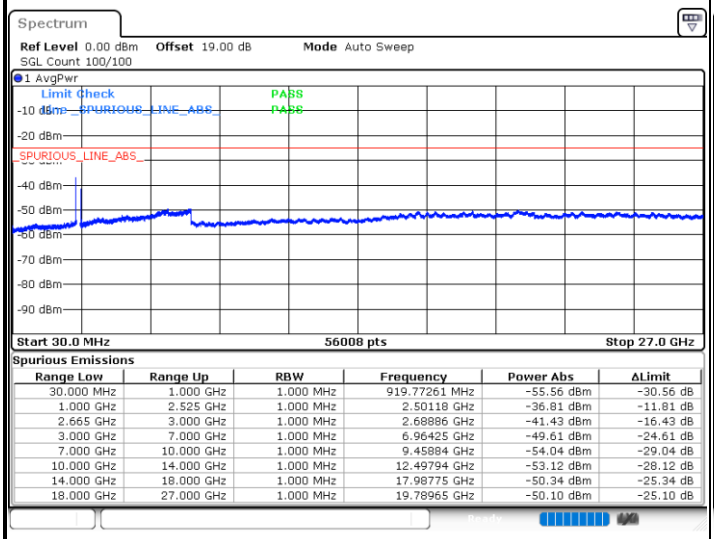
Date: 24.MAY.2022 12:13:02

N/A

LTE Band 38C / 20MHz+20MHz

16QAM

Middle Channel / 1RB0 and 1RB99

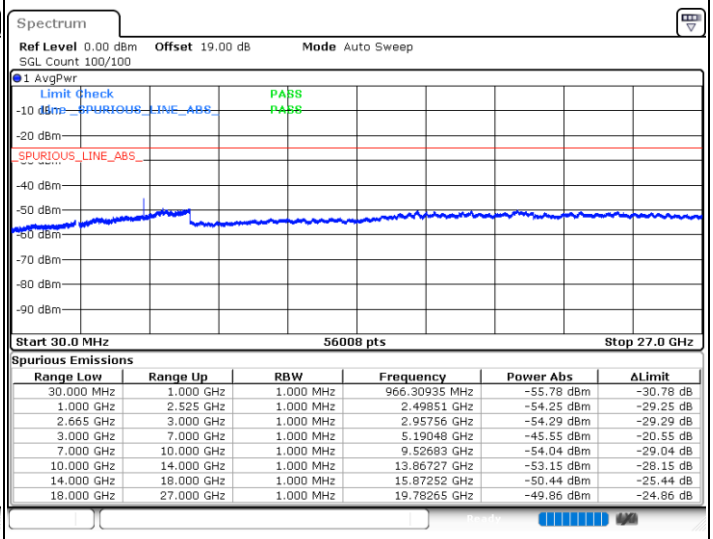


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-55.56 dBm	-30.56 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50118 GHz	-36.81 dBm	-11.81 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.68886 GHz	-41.43 dBm	-16.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-49.61 dBm	-24.61 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.45884 GHz	-54.04 dBm	-29.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.49794 GHz	-53.12 dBm	-28.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98775 GHz	-50.34 dBm	-25.34 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78965 GHz	-50.10 dBm	-25.10 dB

Date: 24.MAY.2022 12:25:18

Middle Channel / 1RB99 and 1RB0

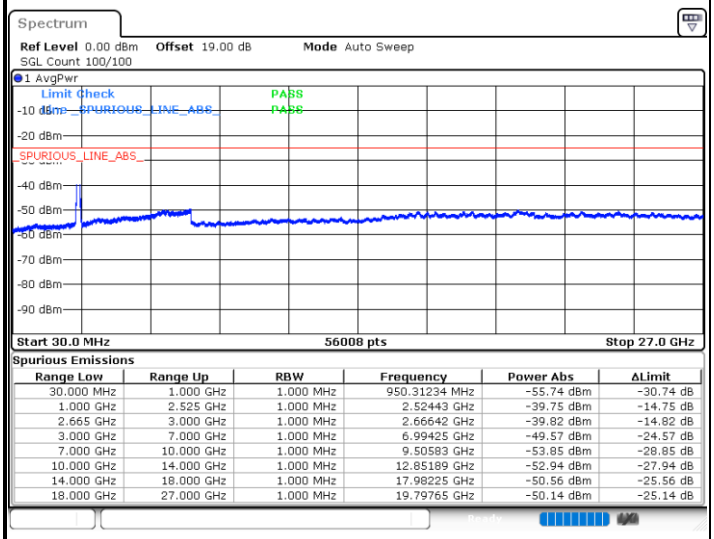


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-55.78 dBm	-30.78 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.49851 GHz	-54.25 dBm	-29.25 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.95756 GHz	-54.29 dBm	-29.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.19048 GHz	-45.55 dBm	-20.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.52683 GHz	-54.04 dBm	-29.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.86727 GHz	-53.15 dBm	-28.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.87252 GHz	-50.44 dBm	-25.44 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78265 GHz	-49.86 dBm	-24.86 dB

Date: 24.MAY.2022 12:29:51

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-55.74 dBm	-30.74 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52443 GHz	-39.75 dBm	-14.75 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66642 GHz	-39.82 dBm	-14.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-49.57 dBm	-24.57 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.50583 GHz	-53.85 dBm	-28.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85189 GHz	-52.94 dBm	-27.94 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98225 GHz	-50.56 dBm	-25.56 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79765 GHz	-50.14 dBm	-25.14 dB

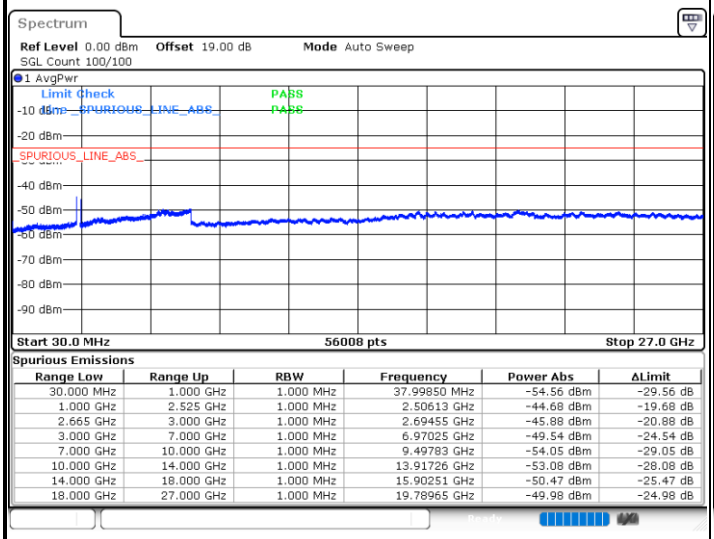
Date: 24.MAY.2022 12:20:45

N/A

LTE Band 38C / 20MHz+20MHz

16QAM

Highest Channel / 1RB0 and 1RB99

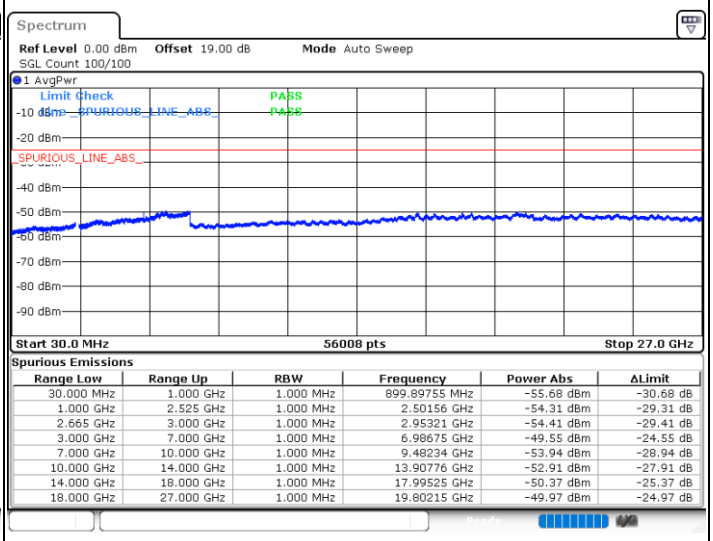


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	37.99850 MHz	-54.56 dBm	-29.56 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50613 GHz	-44.68 dBm	-19.68 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.69455 GHz	-45.88 dBm	-20.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97025 GHz	-49.54 dBm	-24.54 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.49783 GHz	-54.05 dBm	-29.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91726 GHz	-53.08 dBm	-28.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.90251 GHz	-50.47 dBm	-25.47 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78965 GHz	-49.98 dBm	-24.98 dB

Date: 24.MAY.2022 12:55:46

Highest Channel / 1RB99 and 1RB0

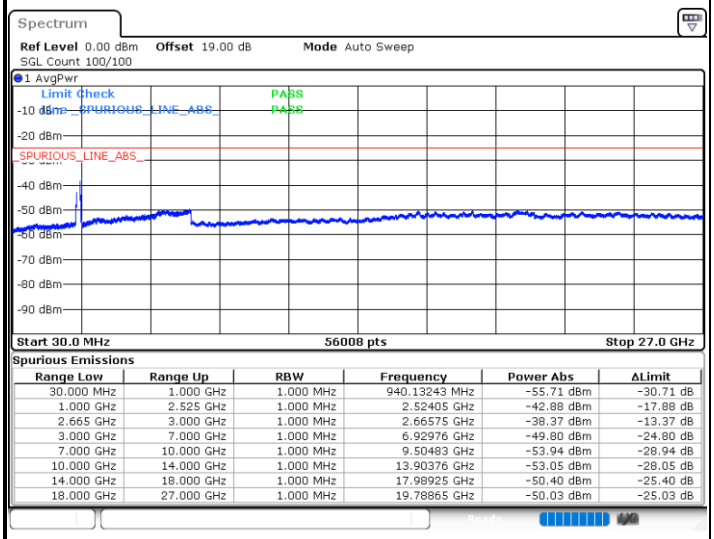


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.89755 MHz	-55.68 dBm	-30.68 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50156 GHz	-54.31 dBm	-29.31 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.95321 GHz	-54.41 dBm	-29.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-49.55 dBm	-24.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.48234 GHz	-53.94 dBm	-28.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90776 GHz	-52.91 dBm	-27.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99525 GHz	-50.37 dBm	-25.37 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80215 GHz	-49.97 dBm	-24.97 dB

Date: 24.MAY.2022 12:51:12

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-55.71 dBm	-30.71 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52405 GHz	-42.88 dBm	-17.88 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66575 GHz	-38.37 dBm	-13.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92976 GHz	-49.80 dBm	-24.80 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.50483 GHz	-53.94 dBm	-28.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90376 GHz	-53.05 dBm	-28.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98925 GHz	-50.40 dBm	-25.40 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78865 GHz	-50.03 dBm	-25.03 dB

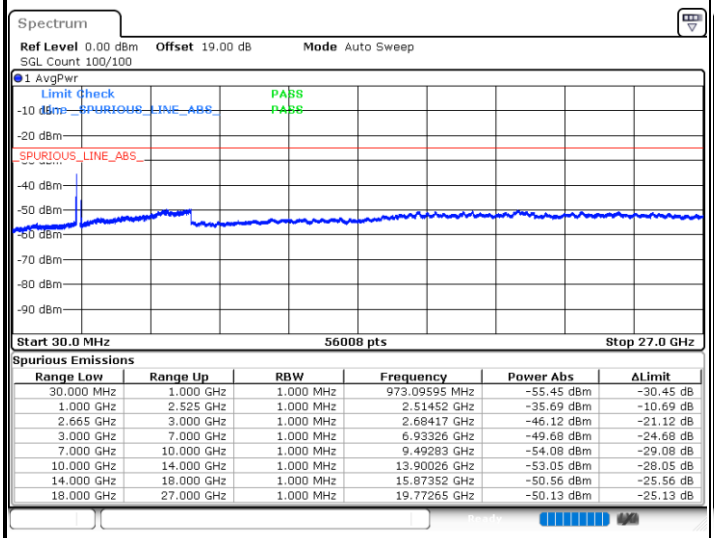
Date: 24.MAY.2022 13:00:19

N/A

LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Channel / 1RB0 and 1RB74

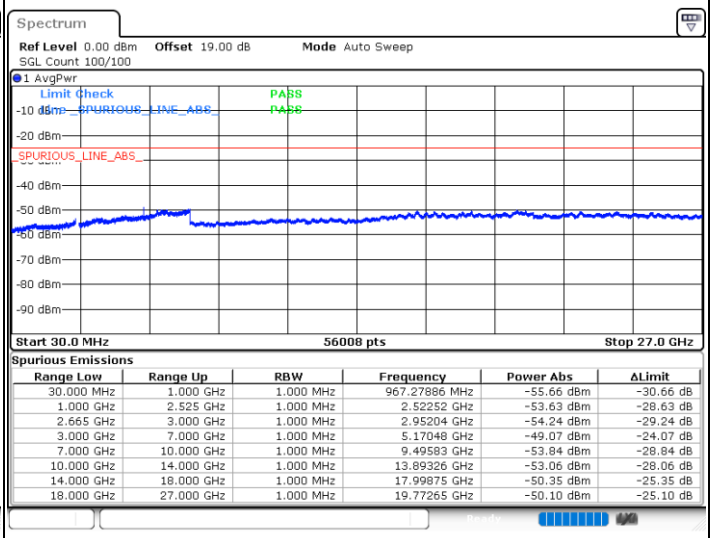


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-55.45 dBm	-30.45 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.51452 GHz	-35.69 dBm	-10.69 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.68417 GHz	-46.12 dBm	-21.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93326 GHz	-49.68 dBm	-24.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.49283 GHz	-54.08 dBm	-29.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90026 GHz	-53.05 dBm	-28.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.87352 GHz	-50.56 dBm	-25.56 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77265 GHz	-50.13 dBm	-25.13 dB

Date: 24.MAY.2022 10:43:49

Lowest Channel / 1RB74 and 1RB0

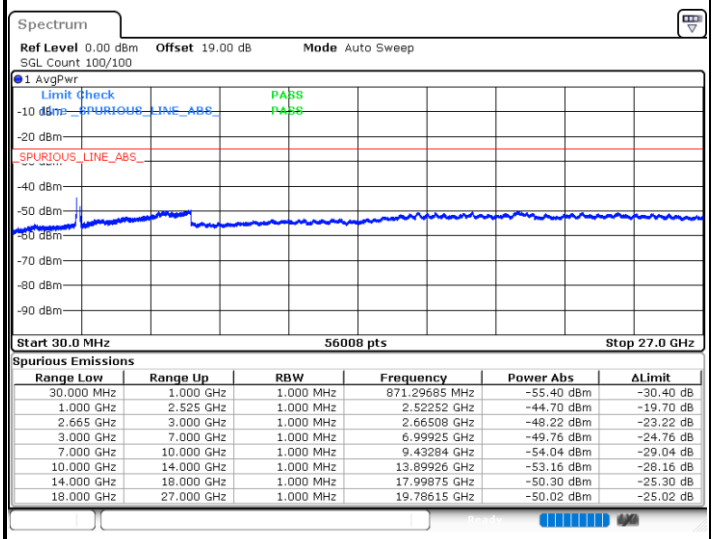


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-55.66 dBm	-30.66 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52252 GHz	-53.63 dBm	-28.63 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.95204 GHz	-54.24 dBm	-29.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17048 GHz	-49.07 dBm	-24.07 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.49583 GHz	-53.84 dBm	-28.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89326 GHz	-53.06 dBm	-28.06 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99875 GHz	-50.35 dBm	-25.35 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77265 GHz	-50.10 dBm	-25.10 dB

Date: 24.MAY.2022 10:36:15

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.29685 MHz	-55.40 dBm	-30.40 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52252 GHz	-44.70 dBm	-19.70 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66508 GHz	-48.22 dBm	-23.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-49.76 dBm	-24.76 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.43284 GHz	-54.04 dBm	-29.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89926 GHz	-53.16 dBm	-28.16 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99875 GHz	-50.30 dBm	-25.30 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78615 GHz	-50.02 dBm	-25.02 dB

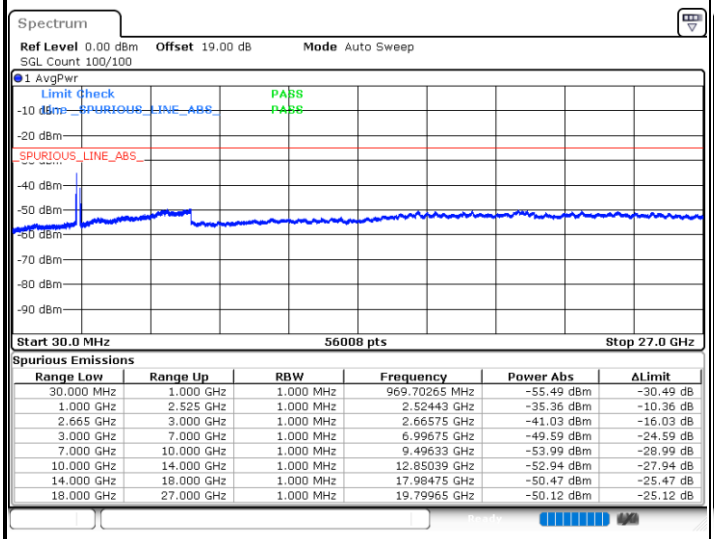
Date: 24.MAY.2022 10:45:21

N/A

LTE Band 38C / 15MHz+15MHz

64QAM

Middle Channel / 1RB0 and 1RB74

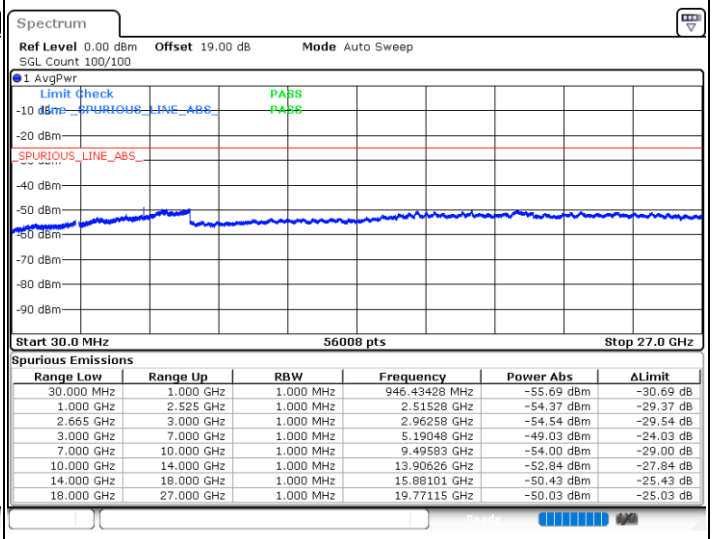


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-55.49 dBm	-30.49 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52443 GHz	-35.36 dBm	-10.36 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66575 GHz	-41.03 dBm	-16.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-49.59 dBm	-24.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.49633 GHz	-53.99 dBm	-28.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85039 GHz	-52.94 dBm	-27.94 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98475 GHz	-50.47 dBm	-25.47 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79965 GHz	-50.12 dBm	-25.12 dB

Date: 24.MAY.2022 10:57:39

Middle Channel / 1RB74 and 1RB0

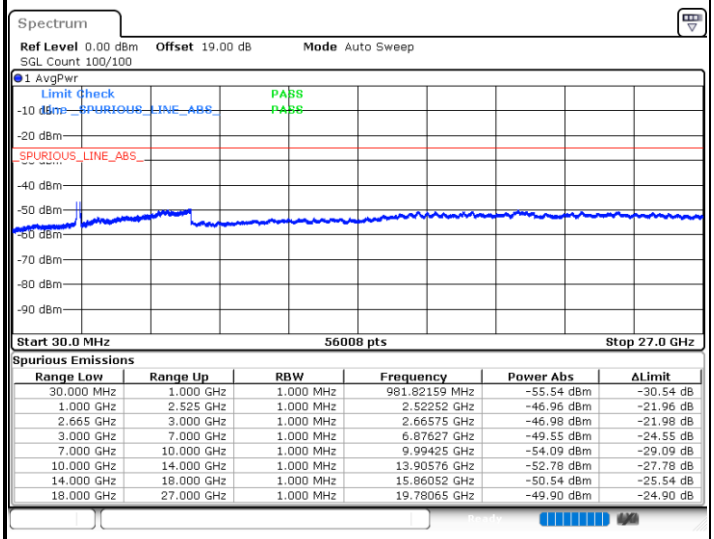


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-55.69 dBm	-30.69 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.51528 GHz	-54.37 dBm	-29.37 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.96258 GHz	-54.54 dBm	-29.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.19048 GHz	-49.03 dBm	-24.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.49583 GHz	-54.00 dBm	-29.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90626 GHz	-52.84 dBm	-27.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.88101 GHz	-50.43 dBm	-25.43 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77115 GHz	-50.03 dBm	-25.03 dB

Date: 24.MAY.2022 11:05:13

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-55.54 dBm	-30.54 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52252 GHz	-46.96 dBm	-21.96 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66575 GHz	-46.98 dBm	-21.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87627 GHz	-49.55 dBm	-24.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99425 GHz	-54.09 dBm	-29.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90576 GHz	-52.78 dBm	-27.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86052 GHz	-50.54 dBm	-25.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78065 GHz	-49.90 dBm	-24.90 dB

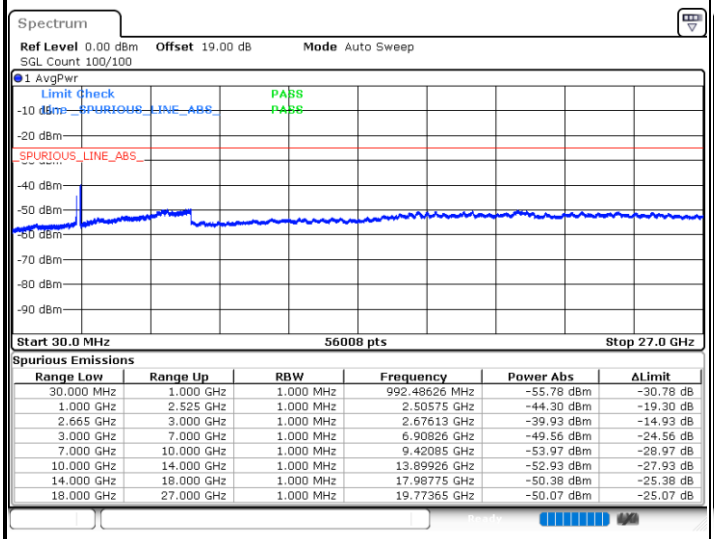
Date: 24.MAY.2022 10:56:08

N/A

LTE Band 38C / 15MHz+15MHz

64QAM

Highest Channel / 1RB0 and 1RB74

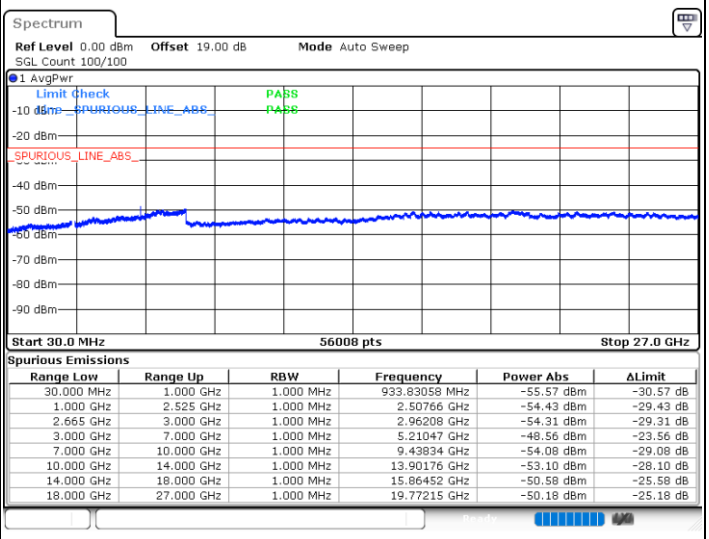


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-55.78 dBm	-30.78 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50575 GHz	-44.30 dBm	-19.30 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.67613 GHz	-39.93 dBm	-14.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90826 GHz	-49.56 dBm	-24.56 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.42085 GHz	-53.97 dBm	-28.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89926 GHz	-52.93 dBm	-27.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98775 GHz	-50.38 dBm	-25.38 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77365 GHz	-50.07 dBm	-25.07 dB

Date: 24.MAY.2022 11:28:09

Highest Channel / 1RB74 and 1RB0

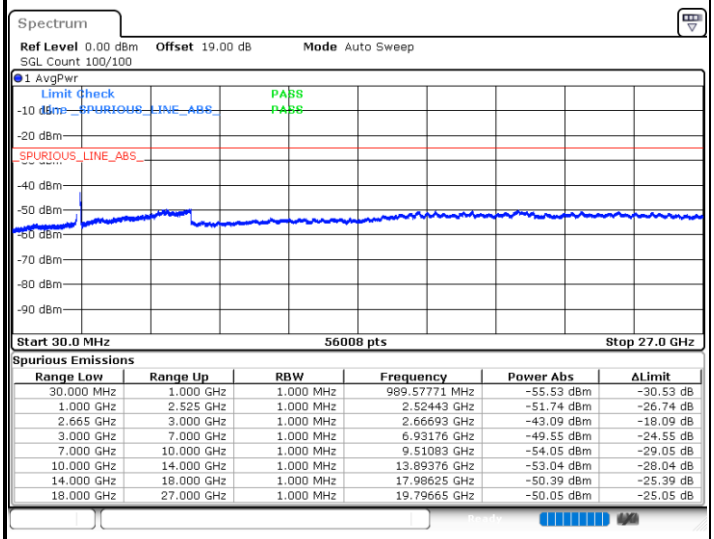


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-55.57 dBm	-30.57 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50766 GHz	-54.43 dBm	-29.43 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.96208 GHz	-54.31 dBm	-29.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.21047 GHz	-48.56 dBm	-23.56 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.43834 GHz	-54.08 dBm	-29.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90176 GHz	-53.10 dBm	-28.10 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86452 GHz	-50.58 dBm	-25.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77215 GHz	-50.18 dBm	-25.18 dB

Date: 24.MAY.2022 11:26:37

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-55.53 dBm	-30.53 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52443 GHz	-51.74 dBm	-26.74 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66693 GHz	-43.09 dBm	-18.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93176 GHz	-49.55 dBm	-24.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.51083 GHz	-54.05 dBm	-29.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89376 GHz	-53.04 dBm	-28.04 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98625 GHz	-50.39 dBm	-25.39 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79665 GHz	-50.05 dBm	-25.05 dB

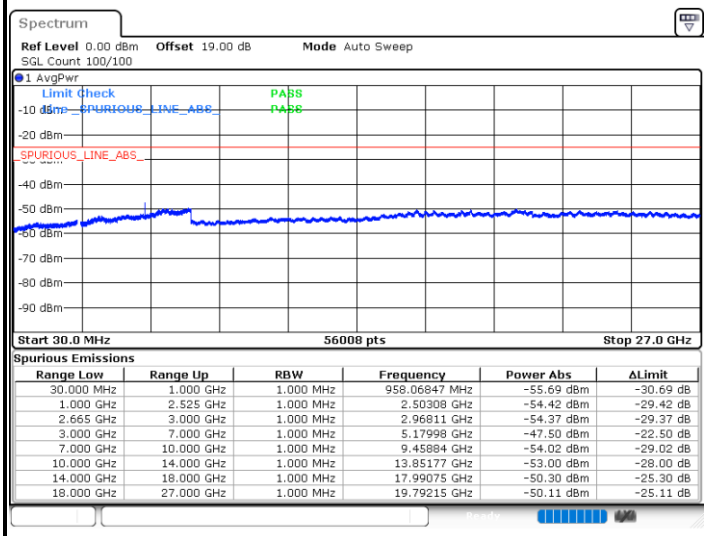
Date: 24.MAY.2022 13:06:07

N/A

LTE Band 38C / 20MHz+20MHz

64QAM

Lowest Channel / 1RB0 and 1RB99

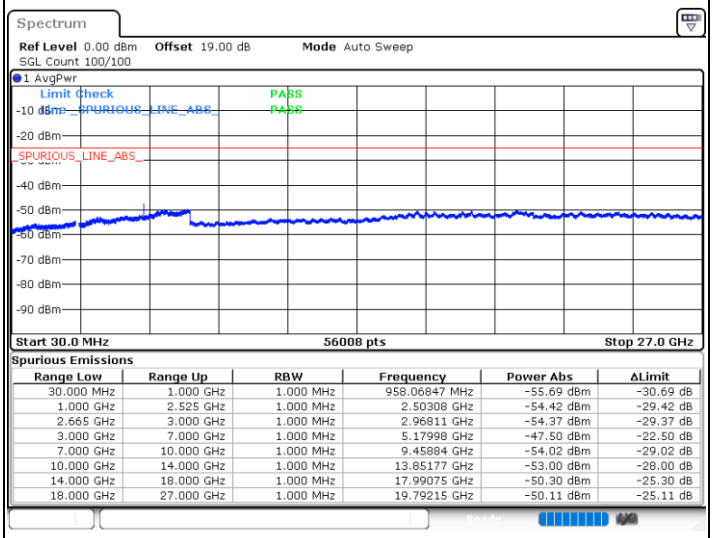


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-55.69 dBm	-30.69 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50308 GHz	-54.42 dBm	-29.42 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.96811 GHz	-54.37 dBm	-29.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17998 GHz	-47.50 dBm	-22.50 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.45884 GHz	-54.02 dBm	-29.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.85177 GHz	-53.00 dBm	-28.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99075 GHz	-50.30 dBm	-25.30 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79215 GHz	-50.11 dBm	-25.11 dB

Date: 24.MAY.2022 12:02:25

Lowest Channel / 1RB99 and 1RB0

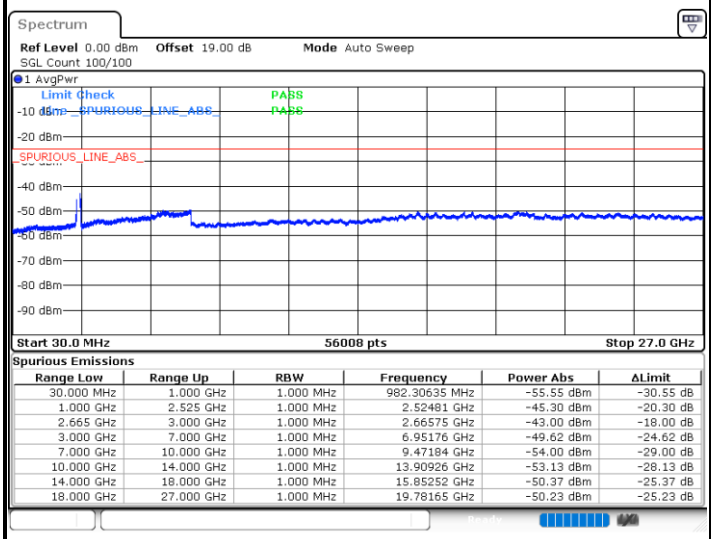


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-55.69 dBm	-30.69 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50308 GHz	-54.42 dBm	-29.42 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.96811 GHz	-54.37 dBm	-29.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17998 GHz	-47.50 dBm	-22.50 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.45884 GHz	-54.02 dBm	-29.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.85177 GHz	-53.00 dBm	-28.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99075 GHz	-50.30 dBm	-25.30 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79215 GHz	-50.11 dBm	-25.11 dB

Date: 24.MAY.2022 12:02:25

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-55.55 dBm	-30.55 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52481 GHz	-45.30 dBm	-20.30 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66575 GHz	-43.00 dBm	-18.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95176 GHz	-49.62 dBm	-24.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.47184 GHz	-54.00 dBm	-29.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90926 GHz	-53.13 dBm	-28.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.85252 GHz	-50.37 dBm	-25.37 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78165 GHz	-50.23 dBm	-25.23 dB

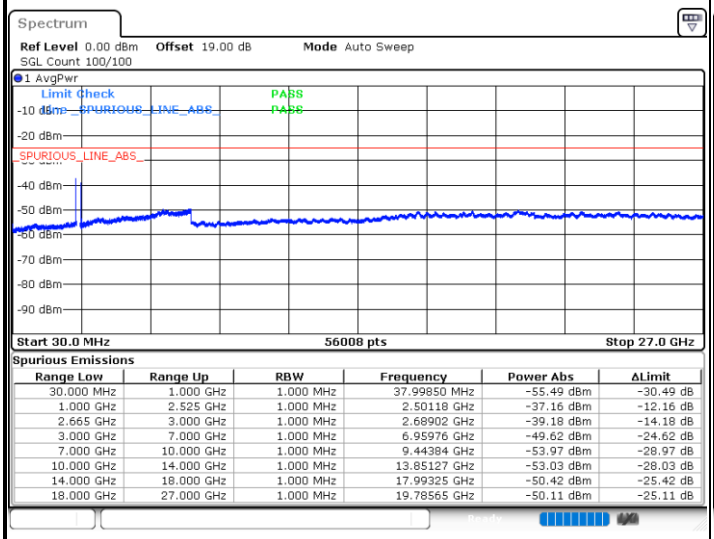
Date: 24.MAY.2022 12:11:31

N/A

LTE Band 38C / 20MHz+20MHz

64QAM

Middle Channel / 1RB0 and 1RB99

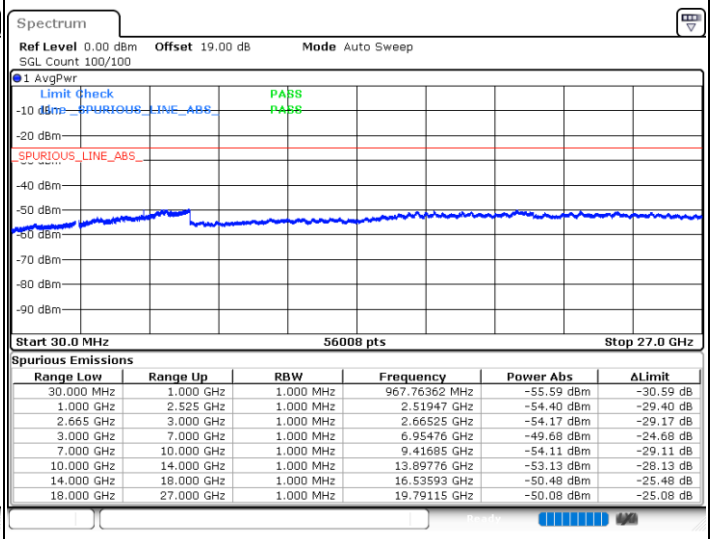


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	37.99850 MHz	-55.49 dBm	-30.49 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50118 GHz	-37.16 dBm	-12.16 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.68902 GHz	-39.18 dBm	-14.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95976 GHz	-49.62 dBm	-24.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.44384 GHz	-53.97 dBm	-28.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.85127 GHz	-53.03 dBm	-28.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99325 GHz	-50.42 dBm	-25.42 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78565 GHz	-50.11 dBm	-25.11 dB

Date: 24.MAY.2022 12:23:47

Middle Channel / 1RB99 and 1RB0

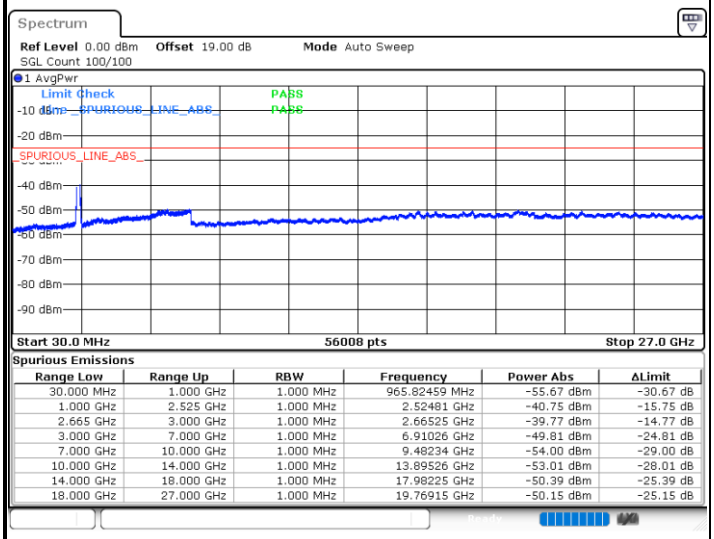


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-55.59 dBm	-30.59 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.51947 GHz	-54.40 dBm	-29.40 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66525 GHz	-54.17 dBm	-29.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95476 GHz	-49.68 dBm	-24.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41685 GHz	-54.11 dBm	-29.11 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89776 GHz	-53.13 dBm	-28.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.53593 GHz	-50.48 dBm	-25.48 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79115 GHz	-50.08 dBm	-25.08 dB

Date: 24.MAY.2022 12:31:22

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-55.67 dBm	-30.67 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52481 GHz	-40.75 dBm	-15.75 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66525 GHz	-39.77 dBm	-14.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91026 GHz	-49.81 dBm	-24.81 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.48234 GHz	-54.00 dBm	-29.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89526 GHz	-53.01 dBm	-28.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98225 GHz	-50.39 dBm	-25.39 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.76915 GHz	-50.15 dBm	-25.15 dB

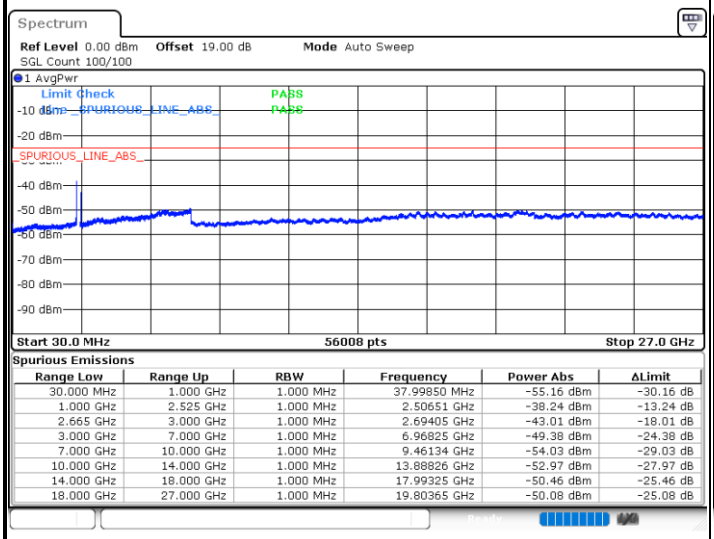
Date: 24.MAY.2022 12:22:16

N/A

LTE Band 38C / 20MHz+20MHz

64QAM

Highest Channel / 1RB0 and 1RB99

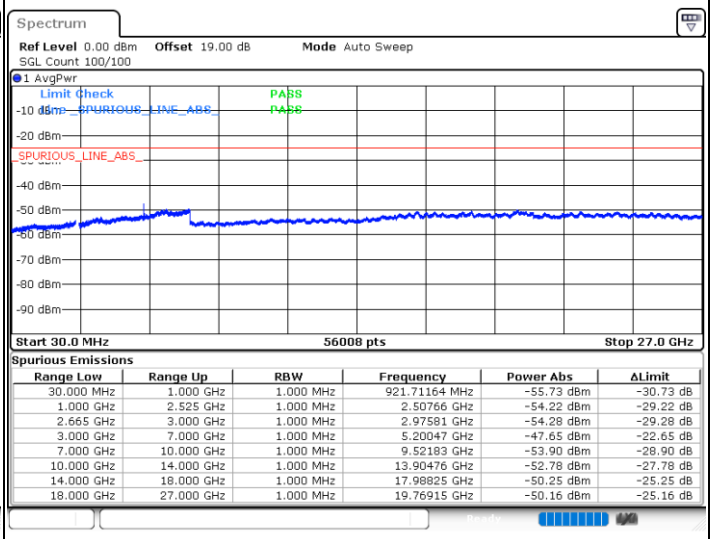


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	37.99850 MHz	-55.16 dBm	-30.16 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50651 GHz	-38.24 dBm	-13.24 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.69405 GHz	-43.01 dBm	-18.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96825 GHz	-49.38 dBm	-24.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.46134 GHz	-54.03 dBm	-29.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88826 GHz	-52.97 dBm	-27.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99325 GHz	-50.46 dBm	-25.46 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80365 GHz	-50.08 dBm	-25.08 dB

Date: 24.MAY.2022 12:54:15

Highest Channel / 1RB99 and 1RB0

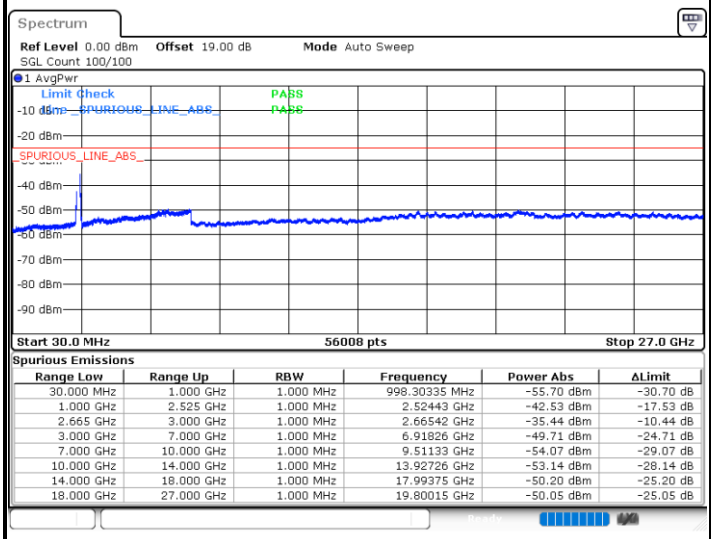


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-55.73 dBm	-30.73 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.50766 GHz	-54.22 dBm	-29.22 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.97581 GHz	-54.28 dBm	-29.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.20047 GHz	-47.65 dBm	-22.65 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.52183 GHz	-53.90 dBm	-28.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90476 GHz	-52.78 dBm	-27.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98825 GHz	-50.25 dBm	-25.25 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.76915 GHz	-50.16 dBm	-25.16 dB

Date: 24.MAY.2022 12:52:44

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-55.70 dBm	-30.70 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.52443 GHz	-42.53 dBm	-17.53 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.66542 GHz	-35.44 dBm	-10.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91826 GHz	-49.71 dBm	-24.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.51133 GHz	-54.07 dBm	-29.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92726 GHz	-53.14 dBm	-28.14 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99375 GHz	-50.20 dBm	-25.20 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80015 GHz	-50.05 dBm	-25.05 dB

Date: 24.MAY.2022 13:01:50

N/A

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 7 / 20MHz / QPSK (ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-62.59	-25	-37.59	-80.01	-68.15	7.14	12.70	H
	7578.27	-57.23	-25	-32.23	-79.39	-60.53	8.30	11.60	H
	10104.36	-53.76	-25	-28.76	-80.65	-55.28	10.48	12.00	H
	5052.18	-62.41	-25	-37.41	-79.76	-67.97	7.14	12.70	V
	7578.27	-57.57	-25	-32.57	-79.53	-60.87	8.30	11.60	V
	10104.36	-54.14	-25	-29.14	-80.54	-55.66	10.48	12.00	V

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

LTE Band 41 / 20MHz / QPSK (ANT2)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.00	-62.21	-25	-37.21	-79.48	-67.77	7.14	12.70	H
	7752.00	-57.26	-25	-32.26	-79.83	-60.56	8.30	11.60	H
	10336.00	-53.90	-25	-28.90	-80.71	-55.42	10.48	12.00	H
	5168.00	-62.06	-25	-37.06	-79.28	-67.62	7.14	12.70	V
	7752.00	-57.02	-25	-32.02	-79.56	-60.32	8.30	11.60	V
	10336.00	-54.28	-25	-29.28	-80.86	-55.80	10.48	12.00	V

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

LTE Band 7C_CA / 20MHz+20MHz / QPSK (ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5070.00	-62.59	-25	-37.59	-79.97	-68.15	7.14	12.70	H
	7605.00	-57.20	-25	-32.20	-79.32	-60.50	8.30	11.60	H
	10140.00	-53.41	-25	-28.41	-80.29	-54.93	10.48	12.00	H
	5070.00	-62.82	-25	-37.82	-80.13	-68.38	7.14	12.70	V
	7605.00	-57.78	-25	-32.78	-79.68	-61.08	8.30	11.60	V
	10140.00	-53.89	-25	-28.89	-80.32	-55.41	10.48	12.00	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK (ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5190.00	-62.16	-25	-37.16	-79.44	-67.72	7.14	12.70	H
	7785.00	-57.10	-25	-32.10	-79.76	-60.40	8.30	11.60	H
	10380.00	-53.96	-25	-28.96	-80.75	-55.48	10.48	12.00	H
	5190.00	-62.17	-25	-37.17	-79.40	-67.73	7.14	12.70	V
	7785.00	-57.36	-25	-32.36	-80.03	-60.66	8.30	11.60	V
	10380.00	-54.04	-25	-29.04	-80.65	-55.56	10.48	12.00	V

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