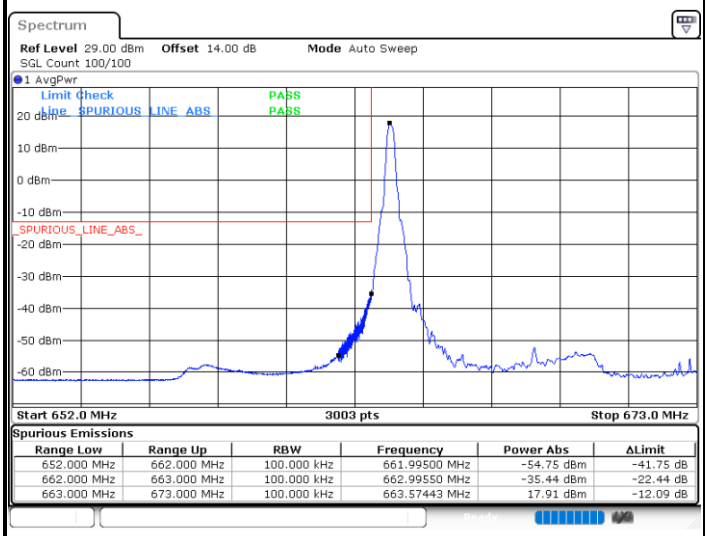
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

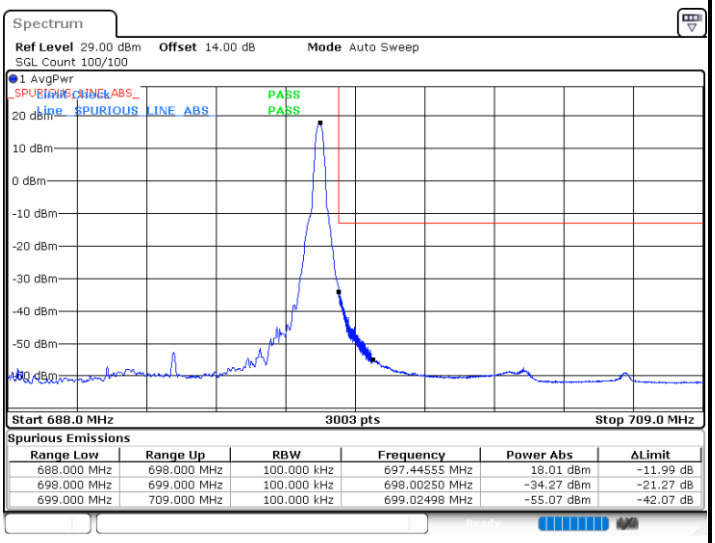


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-54.75 dBm	-41.75 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99550 MHz	-35.44 dBm	-22.44 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.57443 MHz	17.91 dBm	-12.09 dB

Date: 1.JUN.2021 11:50:26

Highest Band Edge / 1 RB

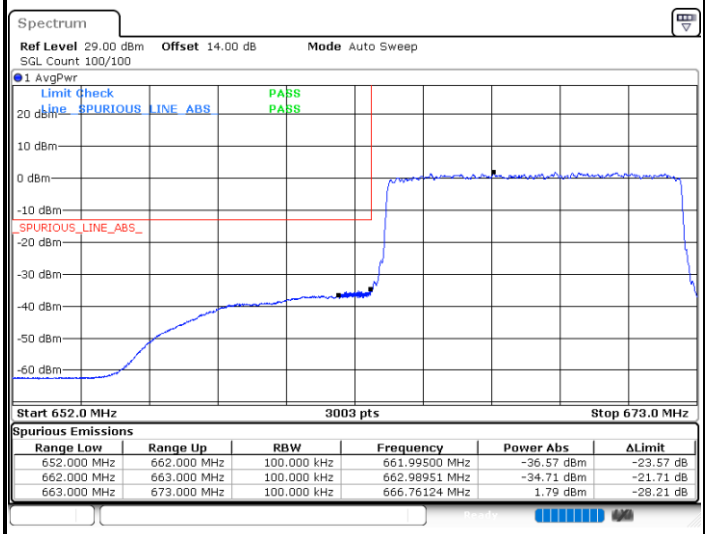


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.44555 MHz	18.01 dBm	-11.99 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00250 MHz	-34.27 dBm	-21.27 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.02498 MHz	-55.07 dBm	-42.07 dB

Date: 1.JUN.2021 11:56:44

Lowest Band Edge / Full RB

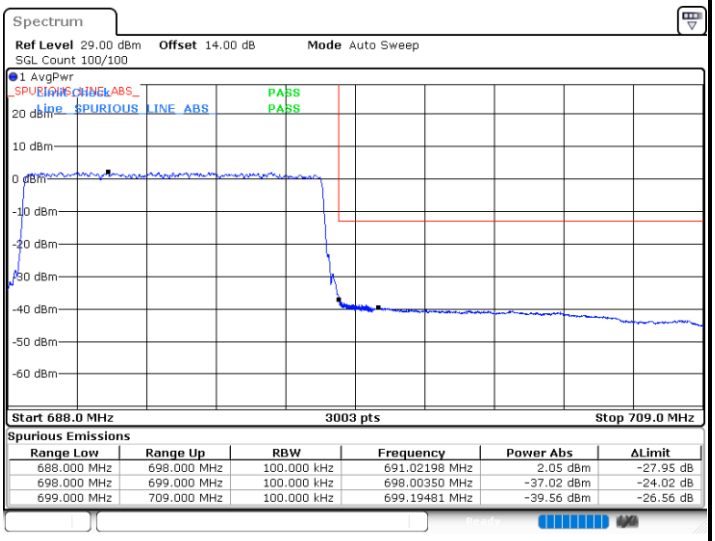


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-36.57 dBm	-23.57 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.98951 MHz	-34.71 dBm	-21.71 dB
663.000 MHz	673.000 MHz	100.000 kHz	666.76124 MHz	1.79 dBm	-28.21 dB

Date: 1.JUN.2021 11:51:58

Highest Band Edge / Full RB



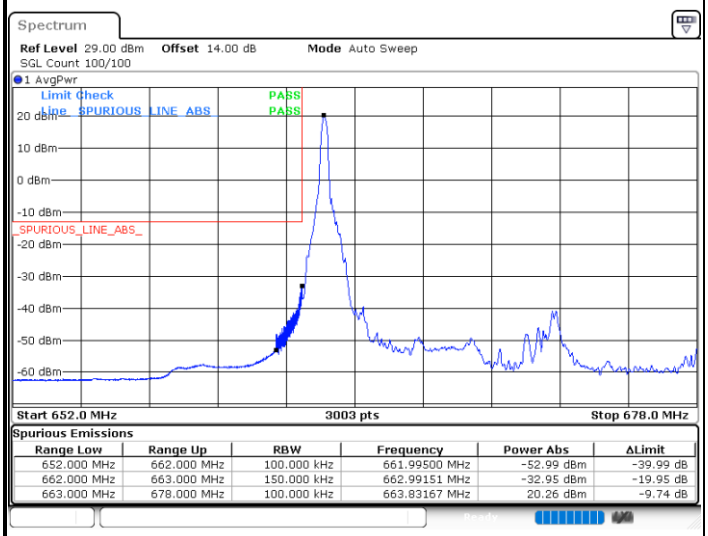
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	691.02198 MHz	2.05 dBm	-27.95 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00350 MHz	-37.02 dBm	-24.02 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.19481 MHz	-39.56 dBm	-26.56 dB

Date: 1.JUN.2021 11:58:17

LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

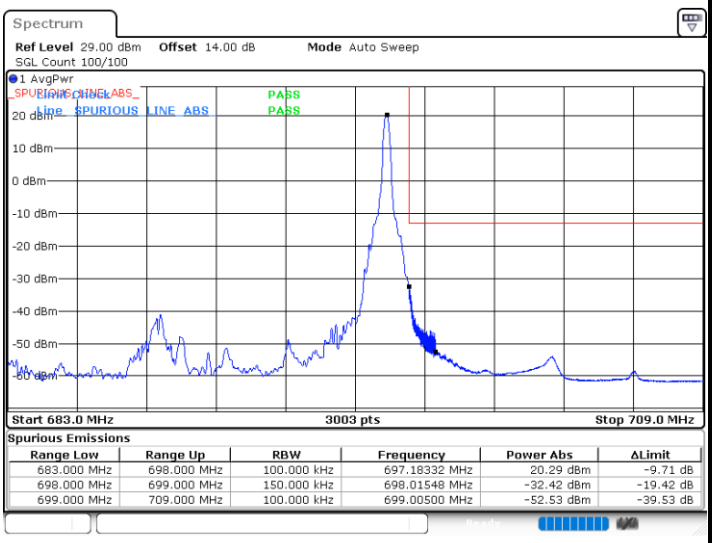


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-52.99 dBm	-39.99 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99151 MHz	-32.95 dBm	-19.95 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.83167 MHz	20.26 dBm	-9.74 dB

Date: 1.JUN.2021 12:03:01

Highest Band Edge / 1 RB

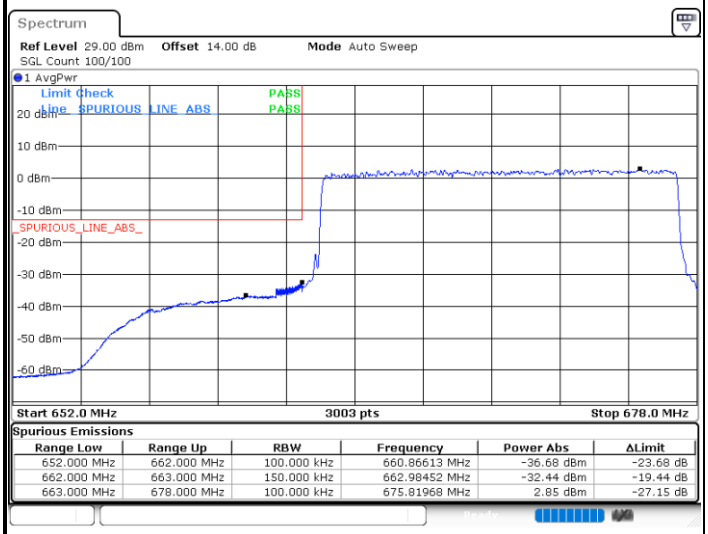


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.18332 MHz	20.29 dBm	-9.71 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.01548 MHz	-32.42 dBm	-19.42 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-52.53 dBm	-39.53 dB

Date: 1.JUN.2021 12:16:13

Lowest Band Edge / Full RB

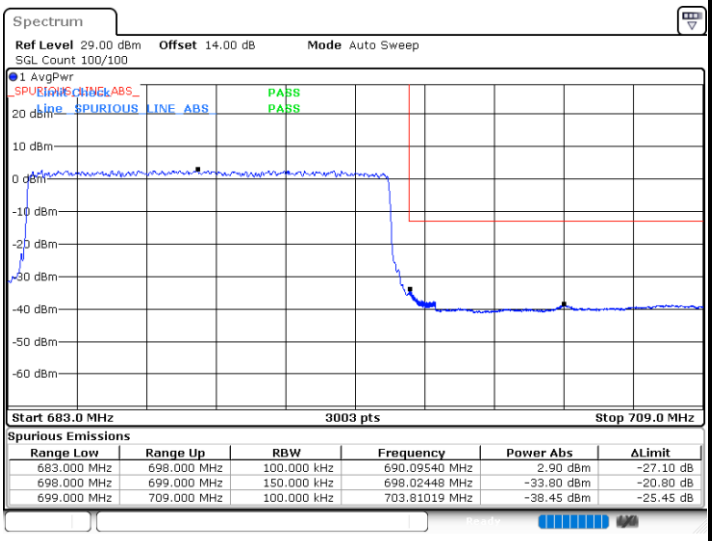


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	660.86613 MHz	-36.68 dBm	-23.68 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.98452 MHz	-32.44 dBm	-19.44 dB
663.000 MHz	678.000 MHz	100.000 kHz	675.81968 MHz	2.85 dBm	-27.15 dB

Date: 1.JUN.2021 12:06:07

Highest Band Edge / Full RB



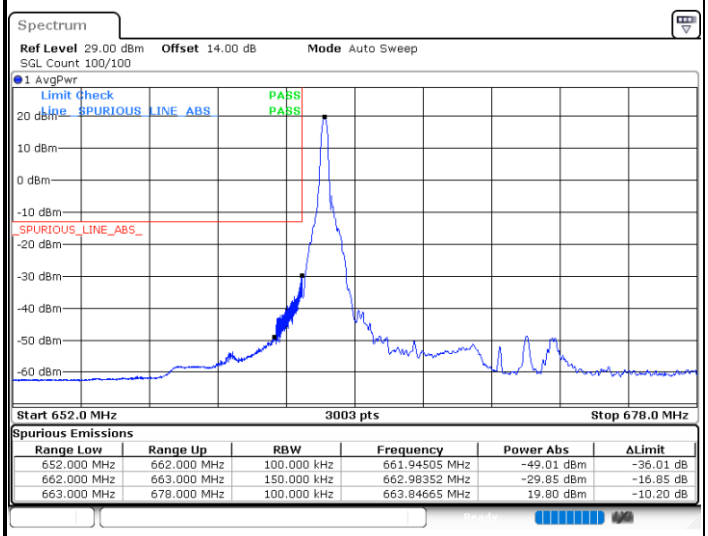
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	690.09540 MHz	2.90 dBm	-27.10 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.02448 MHz	-33.80 dBm	-20.80 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.81019 MHz	-38.45 dBm	-25.45 dB

Date: 1.JUN.2021 12:19:19

LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

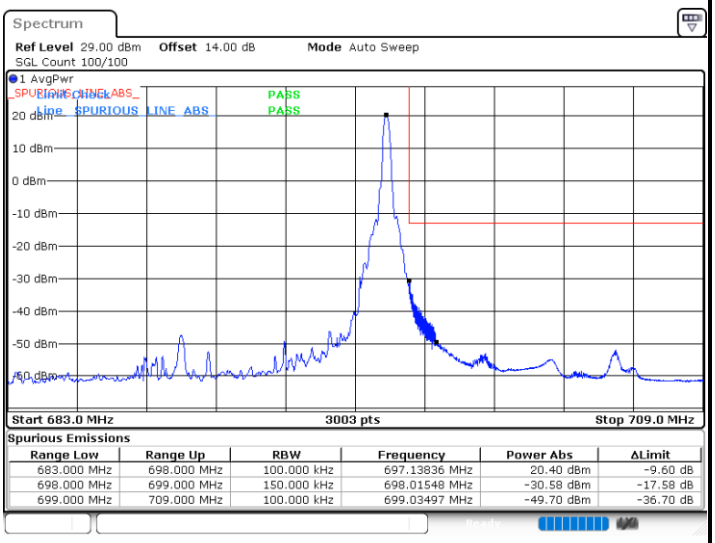


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.94505 MHz	-49.01 dBm	-36.01 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.98352 MHz	-29.85 dBm	-16.85 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.84665 MHz	19.80 dBm	-10.20 dB

Date: 1.JUN.2021 12:04:34

Highest Band Edge / 1 RB

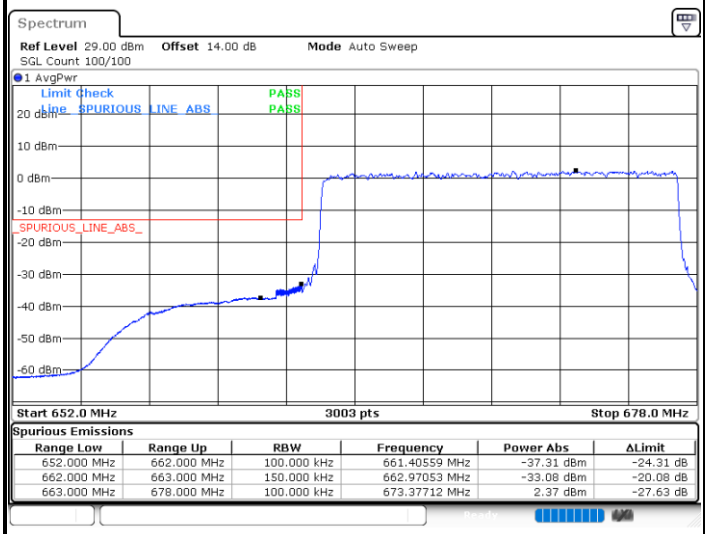


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.13836 MHz	20.40 dBm	-9.60 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.01548 MHz	-30.58 dBm	-17.58 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-49.70 dBm	-36.70 dB

Date: 1.JUN.2021 12:17:46

Lowest Band Edge / Full RB

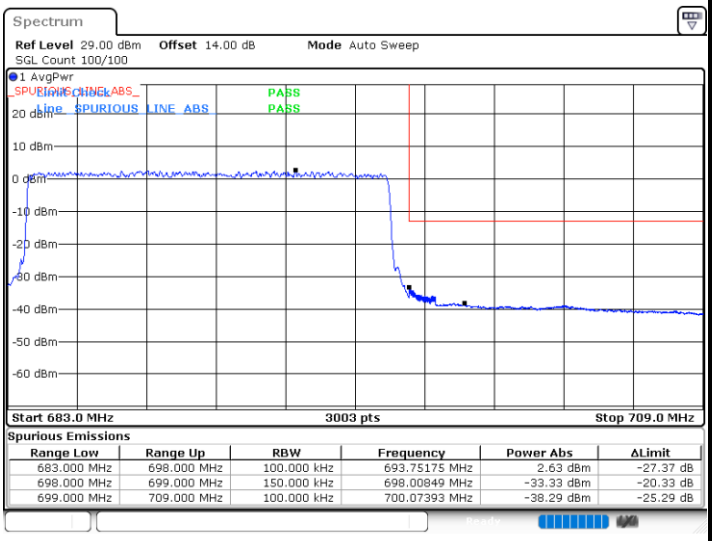


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.40559 MHz	-37.31 dBm	-24.31 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.97053 MHz	-33.08 dBm	-20.08 dB
663.000 MHz	678.000 MHz	100.000 kHz	673.37712 MHz	2.37 dBm	-27.63 dB

Date: 1.JUN.2021 12:07:40

Highest Band Edge / Full RB



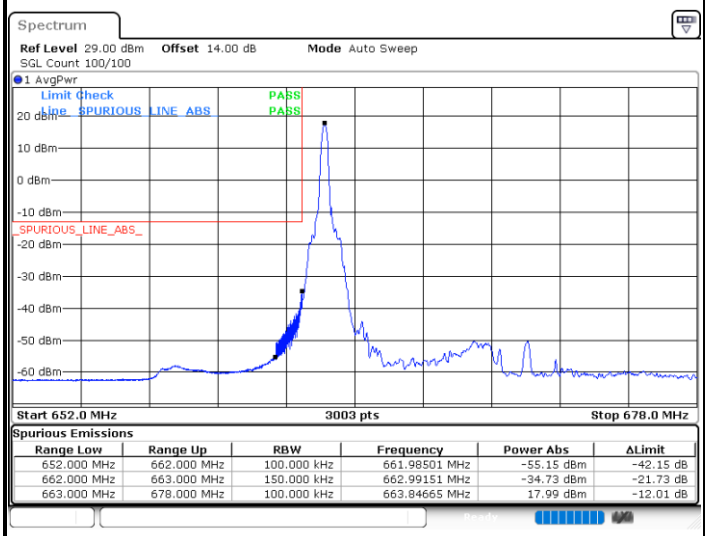
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	693.75175 MHz	2.63 dBm	-27.37 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.00849 MHz	-33.33 dBm	-20.33 dB
699.000 MHz	709.000 MHz	100.000 kHz	700.07393 MHz	-38.29 dBm	-25.29 dB

Date: 1.JUN.2021 12:20:52

LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

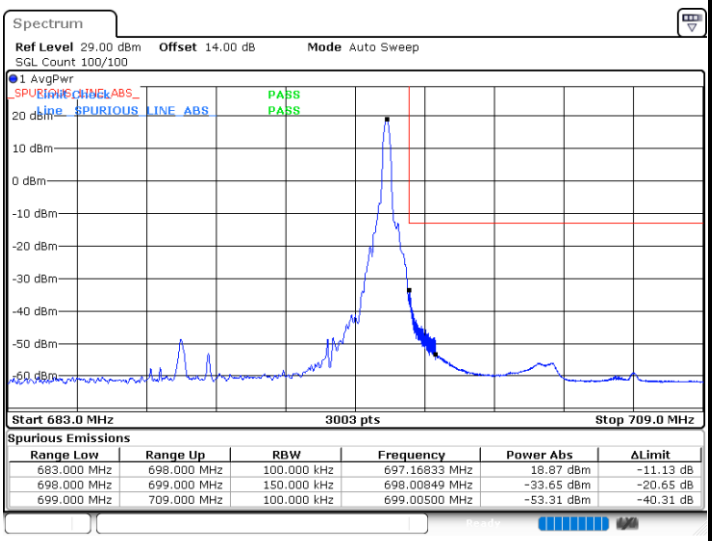


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-55.15 dBm	-42.15 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99151 MHz	-34.73 dBm	-21.73 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.84665 MHz	17.99 dBm	-12.01 dB

Date: 1.JUN.2021 12:24:58

Highest Band Edge / 1 RB

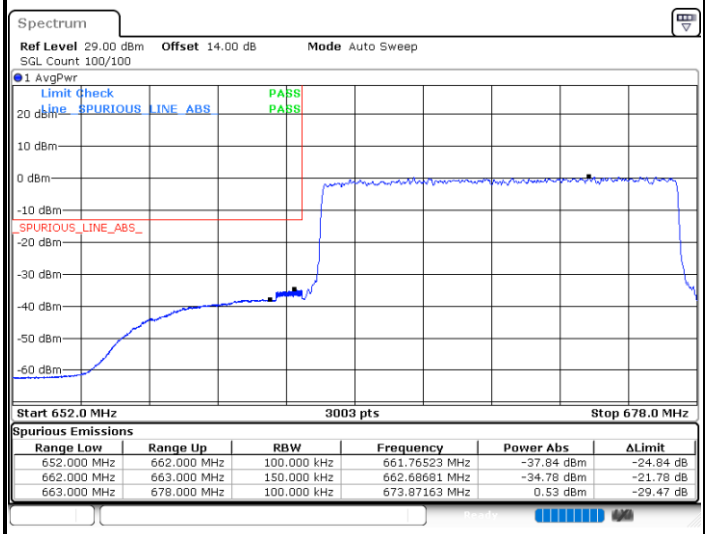


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	18.87 dBm	-11.13 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.00849 MHz	-33.65 dBm	-20.65 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-53.31 dBm	-40.31 dB

Date: 1.JUN.2021 12:31:17

Lowest Band Edge / Full RB

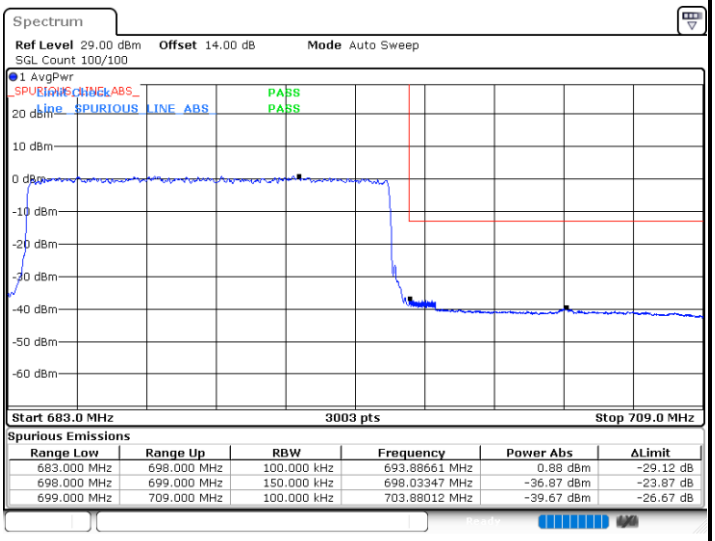


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.76523 MHz	-37.84 dBm	-24.84 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.68681 MHz	-34.78 dBm	-21.78 dB
663.000 MHz	678.000 MHz	100.000 kHz	673.87163 MHz	0.53 dBm	-29.47 dB

Date: 1.JUN.2021 12:26:31

Highest Band Edge / Full RB



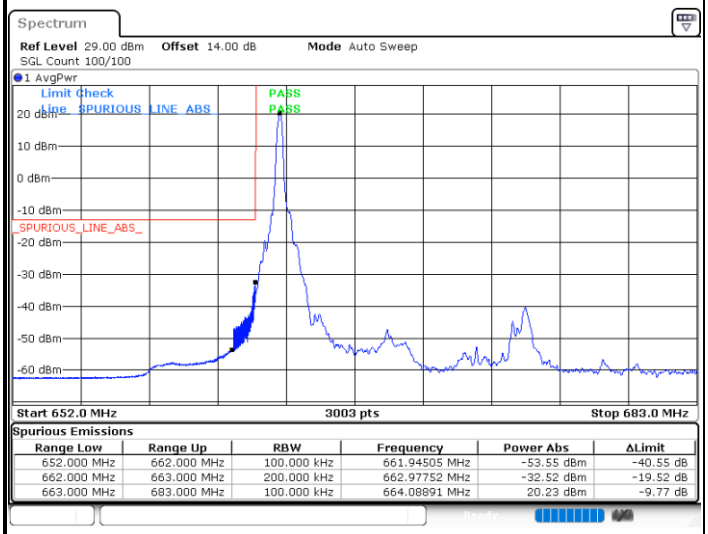
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	693.88661 MHz	0.88 dBm	-29.12 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.03347 MHz	-36.87 dBm	-23.87 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.88012 MHz	-39.67 dBm	-26.67 dB

Date: 1.JUN.2021 12:32:50

LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB

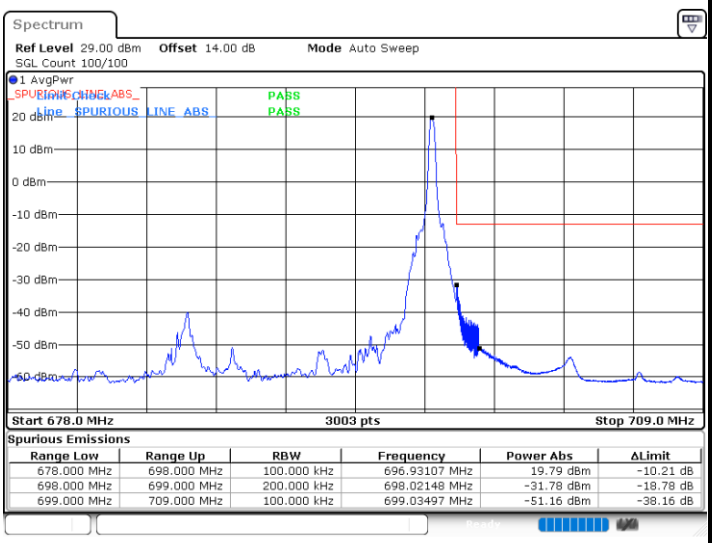


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.94505 MHz	-53.55 dBm	-40.55 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97752 MHz	-32.52 dBm	-19.52 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.08891 MHz	20.23 dBm	-9.77 dB

Date: 1.JUN.2021 12:37:35

Highest Band Edge / 1 RB

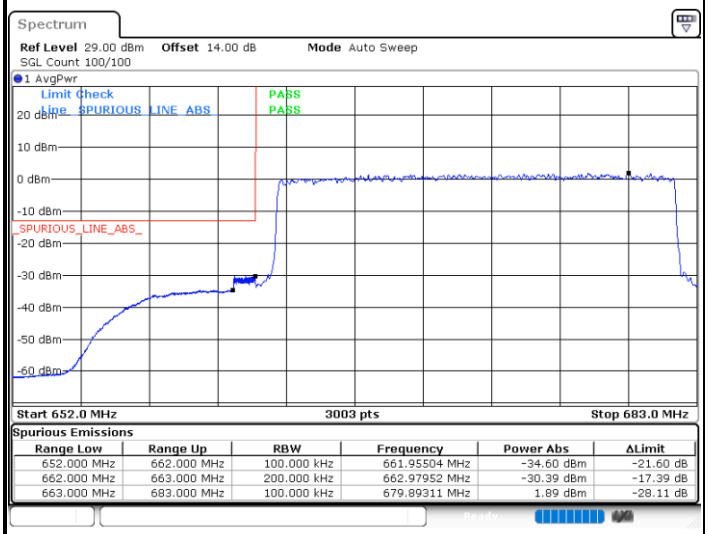


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.93107 MHz	19.79 dBm	-10.21 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.02148 MHz	-31.78 dBm	-18.78 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-51.16 dBm	-38.16 dB

Date: 1.JUN.2021 12:50:47

Lowest Band Edge / Full RB

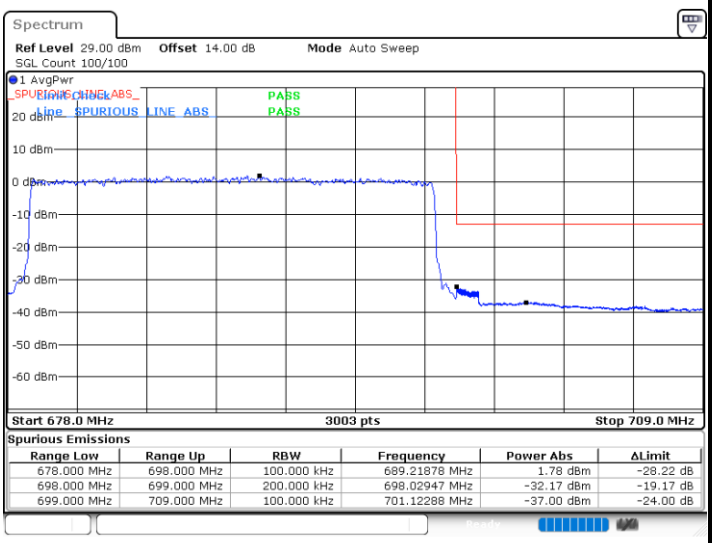


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.95504 MHz	-34.60 dBm	-21.60 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97952 MHz	-30.39 dBm	-17.39 dB
663.000 MHz	683.000 MHz	100.000 kHz	679.89311 MHz	1.89 dBm	-28.11 dB

Date: 1.JUN.2021 12:40:40

Highest Band Edge / Full RB



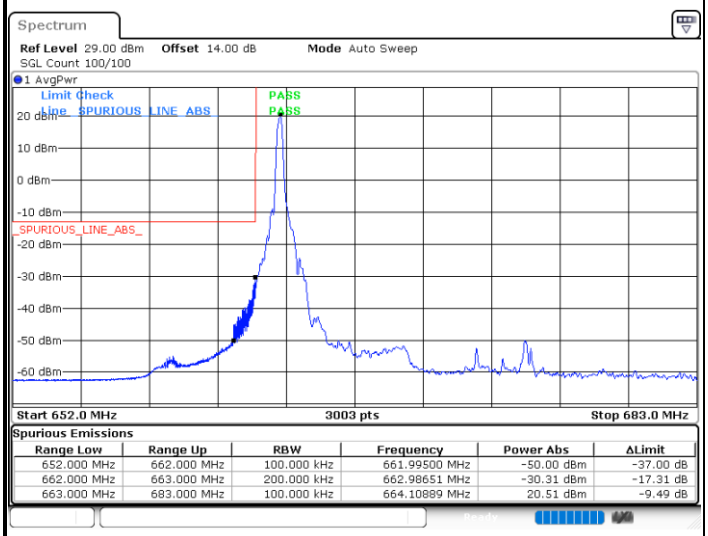
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	689.21878 MHz	1.78 dBm	-28.22 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.02947 MHz	-32.17 dBm	-19.17 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.12288 MHz	-37.00 dBm	-24.00 dB

Date: 1.JUN.2021 12:55:25

LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge /1 RB

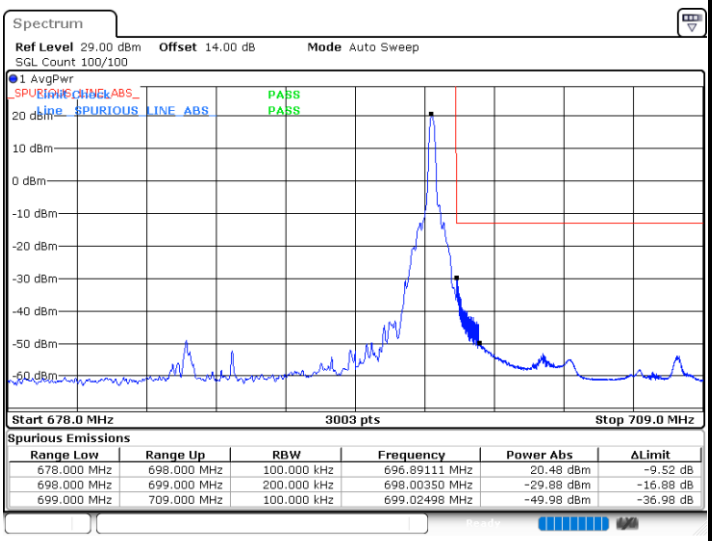


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-50.00 dBm	-37.00 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.98651 MHz	-30.31 dBm	-17.31 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.10889 MHz	20.51 dBm	-9.49 dB

Date: 1.JUN.2021 12:39:07

Highest Band Edge / 1RB

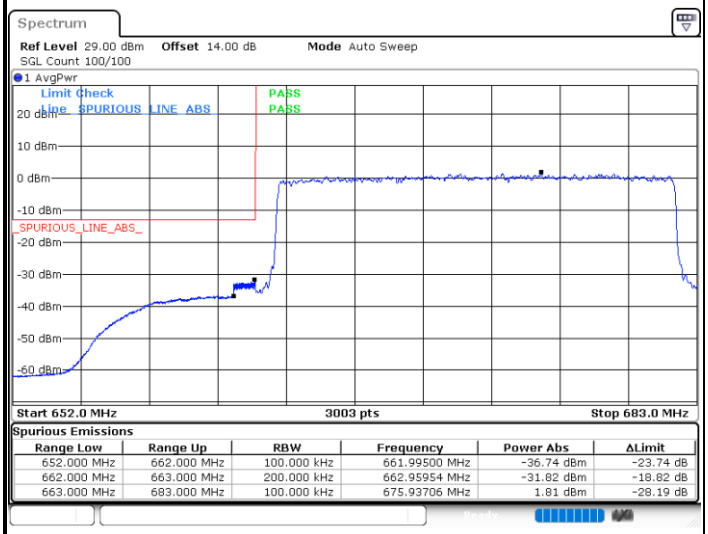


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.89111 MHz	20.48 dBm	-9.52 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00350 MHz	-29.88 dBm	-16.88 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.02498 MHz	-49.98 dBm	-36.98 dB

Date: 1.JUN.2021 12:52:19

Lowest Band Edge / Full RB

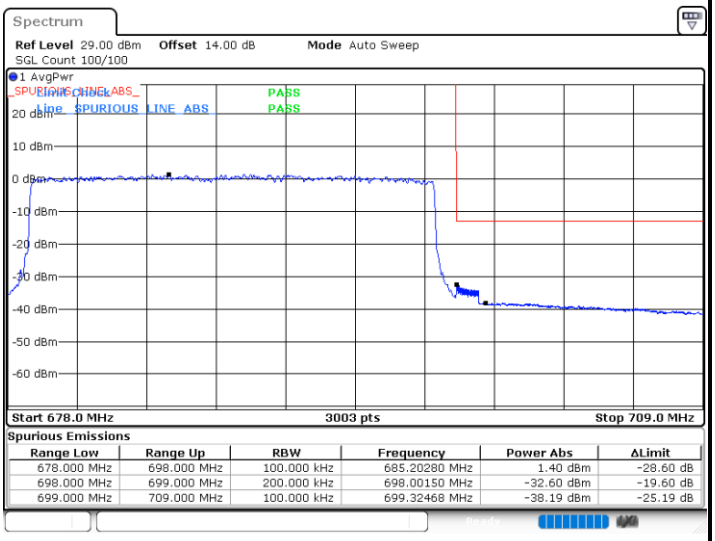


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-36.74 dBm	-23.74 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.95954 MHz	-31.82 dBm	-18.82 dB
663.000 MHz	683.000 MHz	100.000 kHz	675.93706 MHz	1.81 dBm	-28.19 dB

Date: 1.JUN.2021 12:42:13

Highest Band Edge / Full RB



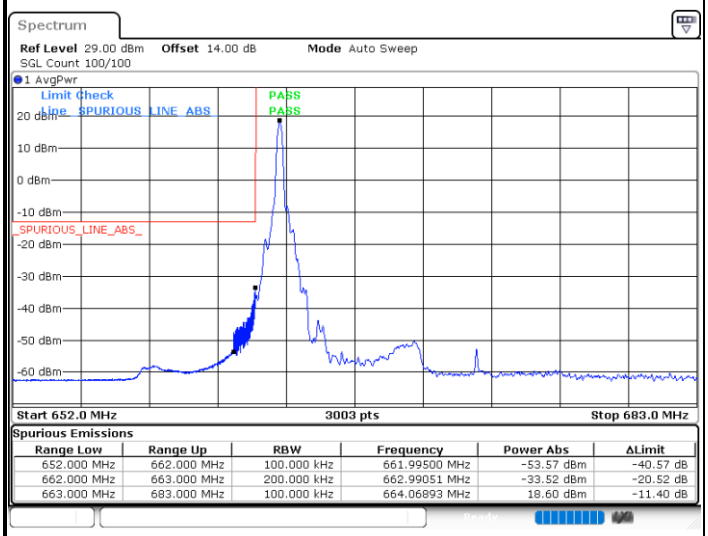
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	685.20280 MHz	1.40 dBm	-28.60 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00150 MHz	-32.60 dBm	-19.60 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.32468 MHz	-38.19 dBm	-25.19 dB

Date: 1.JUN.2021 12:53:52

LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

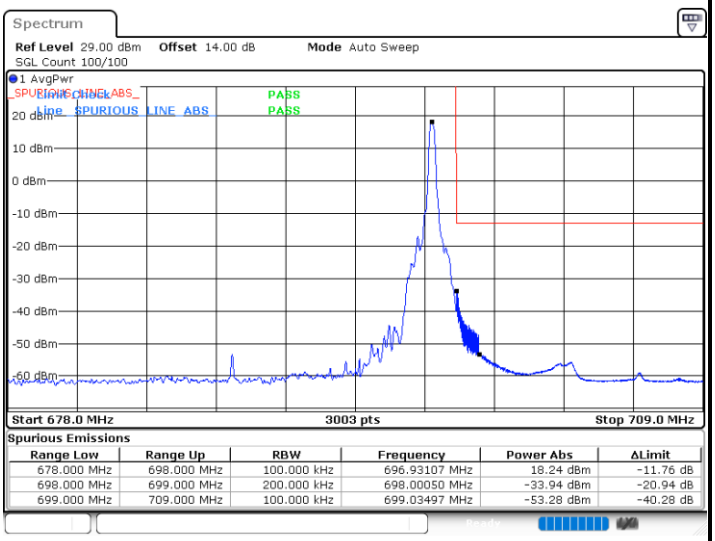


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-53.57 dBm	-40.57 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99051 MHz	-33.52 dBm	-20.52 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.06893 MHz	18.60 dBm	-11.40 dB

Date: 1.JUN.2021 12:59:30

Highest Band Edge / 1 RB

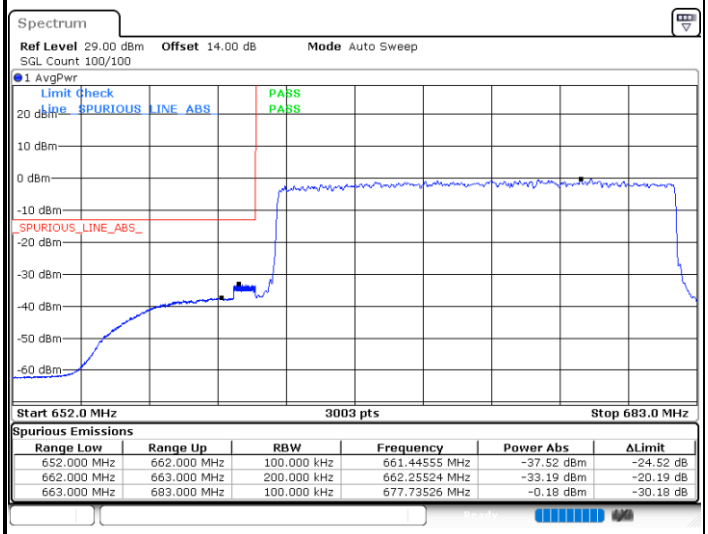


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.93107 MHz	18.24 dBm	-11.76 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00050 MHz	-33.94 dBm	-20.94 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-53.28 dBm	-40.28 dB

Date: 1.JUN.2021 13:05:50

Lowest Band Edge / Full RB

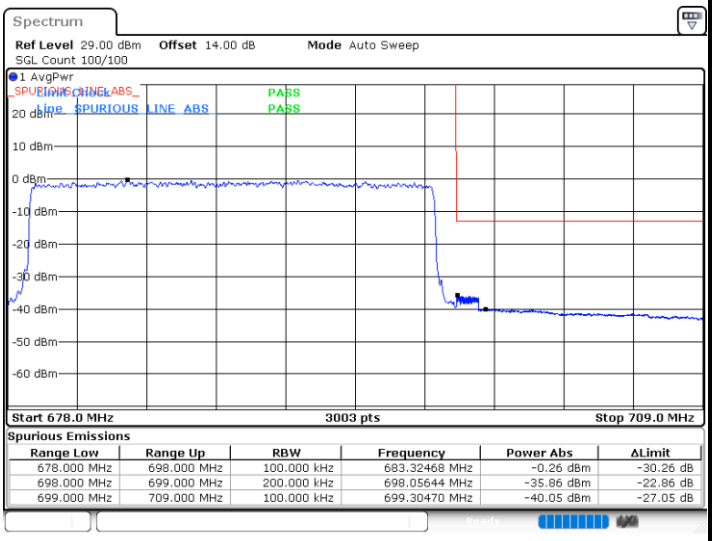


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.44555 MHz	-37.52 dBm	-24.52 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.25524 MHz	-33.19 dBm	-20.19 dB
663.000 MHz	683.000 MHz	100.000 kHz	677.73526 MHz	-0.18 dBm	-30.18 dB

Date: 1.JUN.2021 13:01:03

Highest Band Edge / Full RB



Spurious Emissions

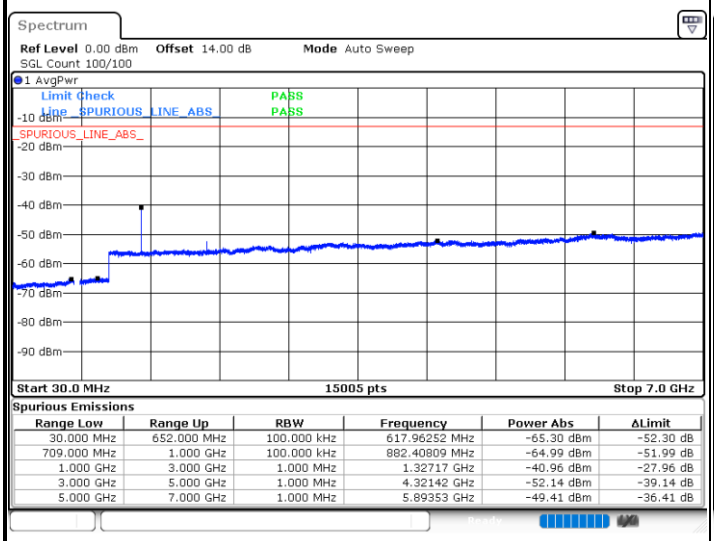
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	683.32468 MHz	-0.26 dBm	-30.26 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.05644 MHz	-35.86 dBm	-22.86 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.30470 MHz	-40.05 dBm	-27.05 dB

Date: 1.JUN.2021 13:07:22

Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

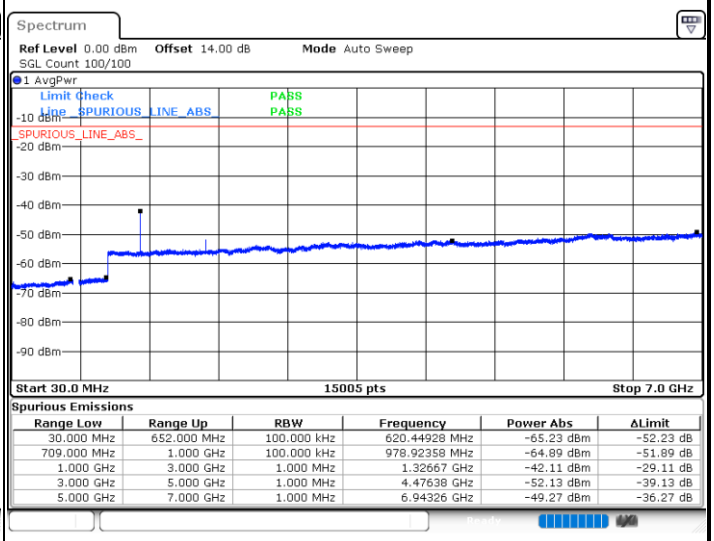


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	617.96252 MHz	-65.30 dBm	-52.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	882.40809 MHz	-64.99 dBm	-51.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-40.96 dBm	-27.96 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32142 GHz	-52.14 dBm	-39.14 dB
5.000 GHz	7.000 GHz	1.000 MHz	5.89353 GHz	-49.41 dBm	-36.41 dB

Date: 1.JUN.2021 10:52:40

Lowest Channel / 16QAM

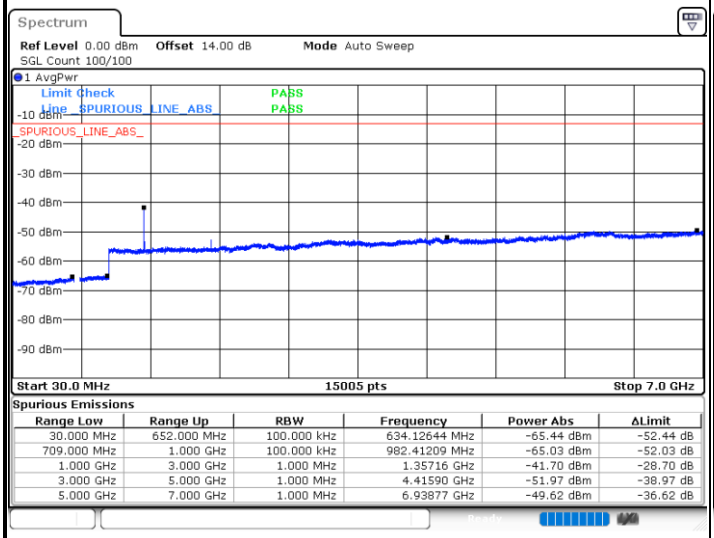


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	620.44928 MHz	-65.23 dBm	-52.23 dB
709.000 MHz	1.000 GHz	100.000 kHz	978.92358 MHz	-64.89 dBm	-51.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32667 GHz	-42.11 dBm	-29.11 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.47638 GHz	-52.13 dBm	-39.13 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94326 GHz	-49.27 dBm	-36.27 dB

Date: 1.JUN.2021 10:53:36

Middle Channel / QPSK

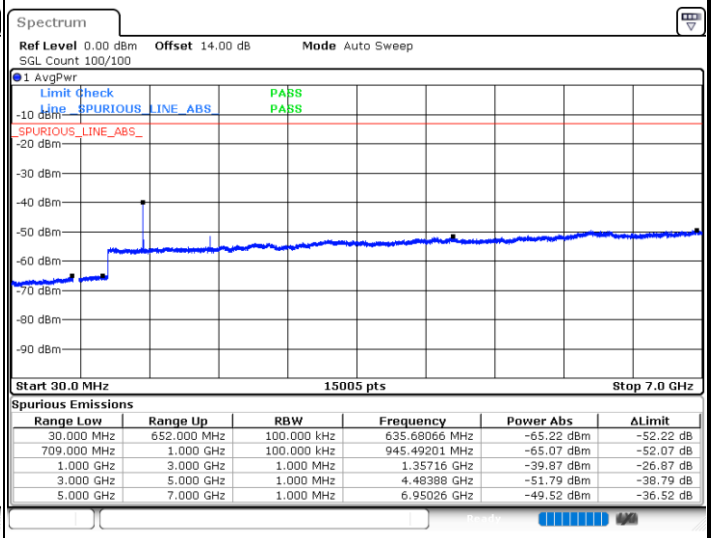


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.12644 MHz	-65.44 dBm	-52.44 dB
709.000 MHz	1.000 GHz	100.000 kHz	982.41209 MHz	-65.03 dBm	-52.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-41.70 dBm	-28.70 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.41590 GHz	-51.97 dBm	-38.97 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93877 GHz	-49.62 dBm	-36.62 dB

Date: 1.JUN.2021 10:56:10

Middle Channel / 16QAM



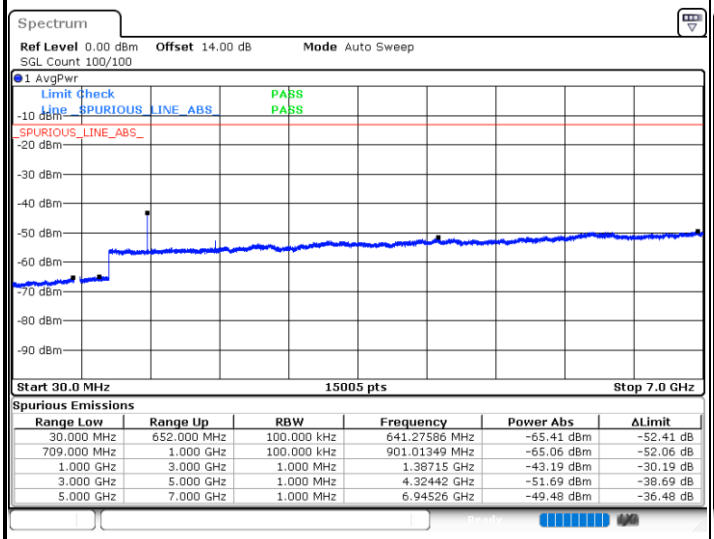
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.68066 MHz	-65.22 dBm	-52.22 dB
709.000 MHz	1.000 GHz	100.000 kHz	945.49201 MHz	-65.07 dBm	-52.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-39.87 dBm	-26.87 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.48388 GHz	-51.79 dBm	-38.79 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95026 GHz	-49.52 dBm	-36.52 dB

Date: 1.JUN.2021 10:57:06

LTE Band 71 / 5MHz

Highest Channel / QPSK

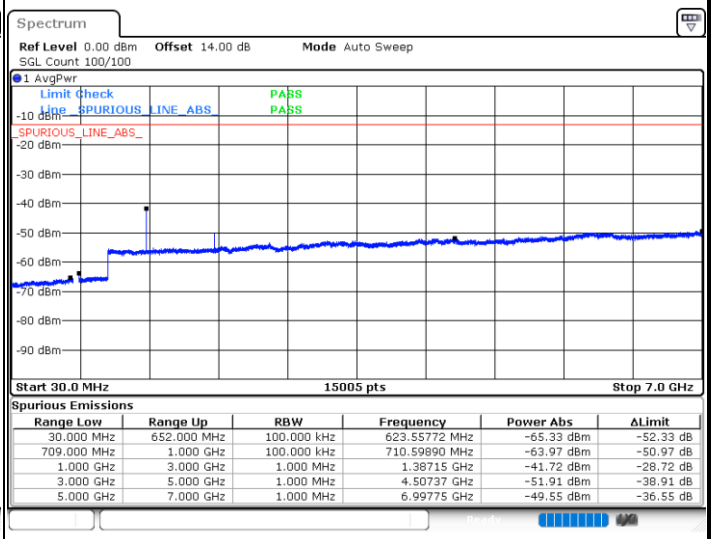


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	641.27586 MHz	-65.41 dBm	-52.41 dB
709.000 MHz	1.000 GHz	100.000 kHz	901.01349 MHz	-65.06 dBm	-52.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-43.19 dBm	-30.19 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32442 GHz	-51.69 dBm	-38.69 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94526 GHz	-49.48 dBm	-36.48 dB

Date: 1.JUN.2021 11:05:49

Highest Channel / 16QAM



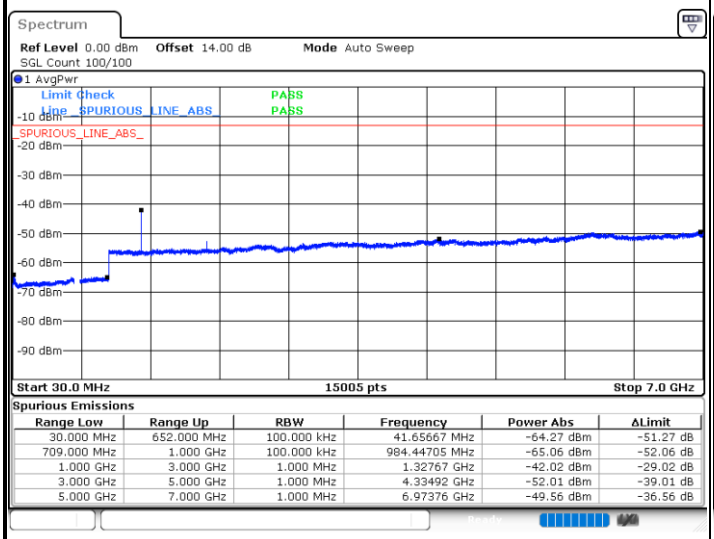
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	623.55772 MHz	-65.33 dBm	-52.33 dB
709.000 MHz	1.000 GHz	100.000 kHz	710.59890 MHz	-63.97 dBm	-50.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-41.72 dBm	-28.72 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.50737 GHz	-51.91 dBm	-38.91 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-49.55 dBm	-36.55 dB

Date: 1.JUN.2021 11:06:44

LTE Band 71 / 10MHz

Lowest Channel / QPSK

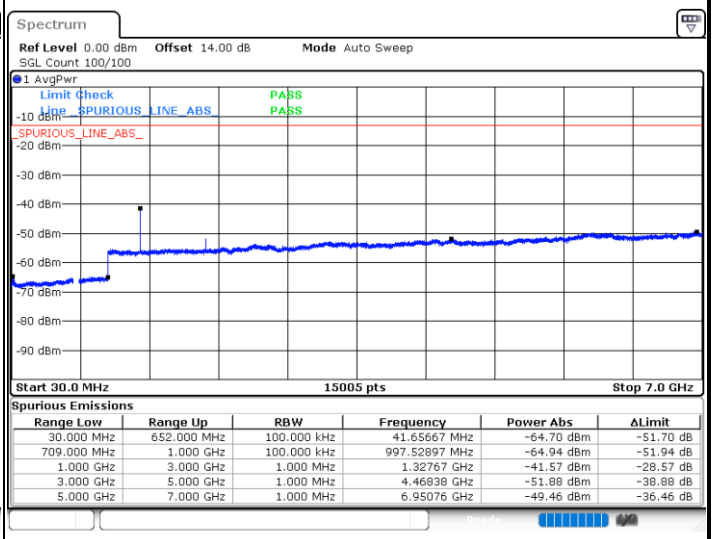


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	41.65667 MHz	-64.27 dBm	-51.27 dB
709.000 MHz	1.000 GHz	100.000 kHz	984.44705 MHz	-65.06 dBm	-52.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32767 GHz	-42.02 dBm	-29.02 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.33492 GHz	-52.01 dBm	-39.01 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97376 GHz	-49.56 dBm	-36.56 dB

Date: 1.JUN.2021 11:34:03

Lowest Channel / 16QAM



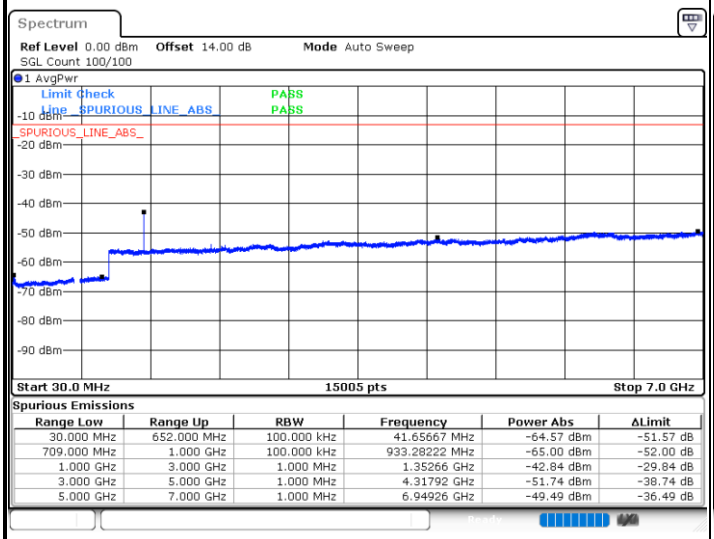
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	41.65667 MHz	-64.70 dBm	-51.70 dB
709.000 MHz	1.000 GHz	100.000 kHz	997.52897 MHz	-64.94 dBm	-51.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32767 GHz	-41.57 dBm	-28.57 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.46838 GHz	-51.88 dBm	-38.88 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-49.46 dBm	-36.46 dB

Date: 1.JUN.2021 11:35:00

LTE Band 71 / 10MHz

Middle Channel / QPSK

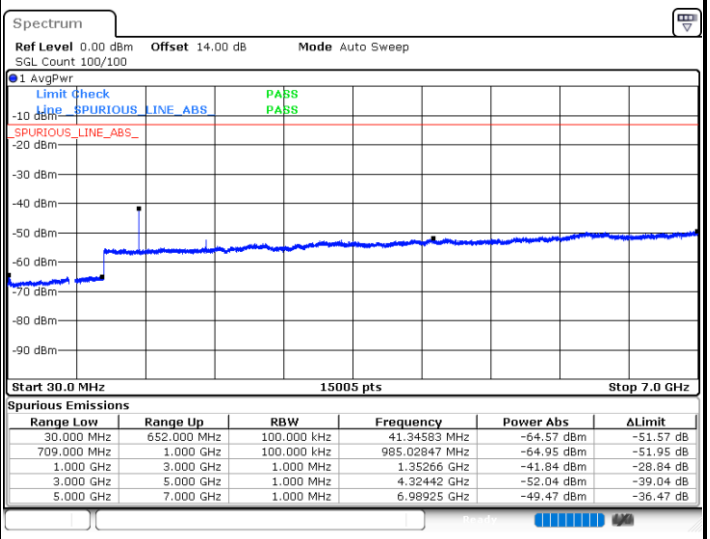


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	41.65667 MHz	-64.57 dBm	-51.57 dB
709.000 MHz	1.000 GHz	100.000 kHz	933.28222 MHz	-65.00 dBm	-52.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35266 GHz	-42.84 dBm	-29.84 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31792 GHz	-51.74 dBm	-38.74 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94926 GHz	-49.49 dBm	-36.49 dB

Date: 1.JUN.2021 11:37:34

Middle Channel / 16QAM

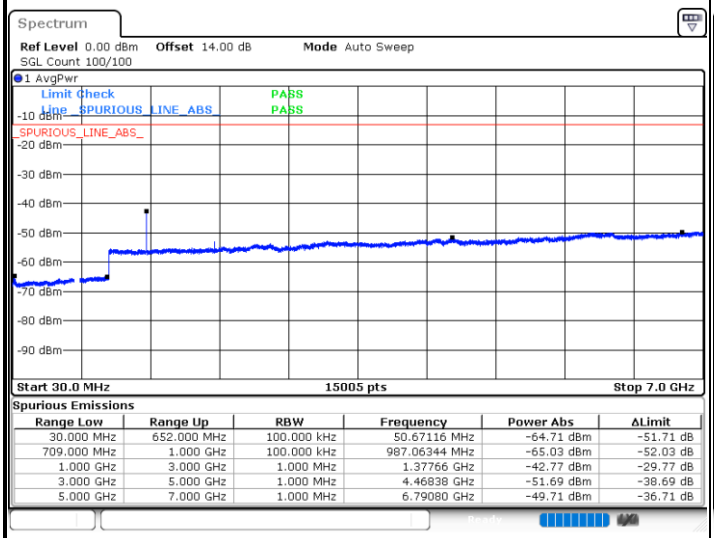


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	41.34583 MHz	-64.57 dBm	-51.57 dB
709.000 MHz	1.000 GHz	100.000 kHz	985.02847 MHz	-64.95 dBm	-51.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35266 GHz	-41.84 dBm	-28.84 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32442 GHz	-52.04 dBm	-39.04 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-49.47 dBm	-36.47 dB

Date: 1.JUN.2021 11:38:30

Highest Channel / QPSK

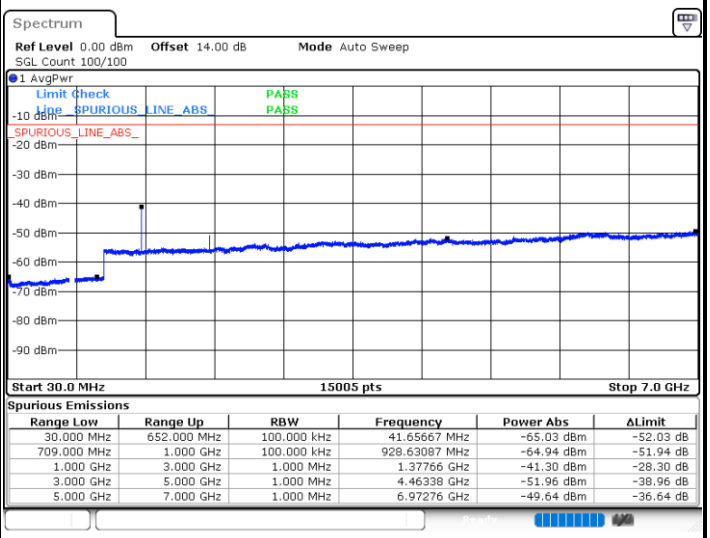


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	50.67116 MHz	-64.71 dBm	-51.71 dB
709.000 MHz	1.000 GHz	100.000 kHz	987.06344 MHz	-65.03 dBm	-52.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37766 GHz	-42.77 dBm	-29.77 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.46838 GHz	-51.69 dBm	-38.69 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.79080 GHz	-49.71 dBm	-36.71 dB

Date: 1.JUN.2021 11:47:16

Highest Channel / 16QAM



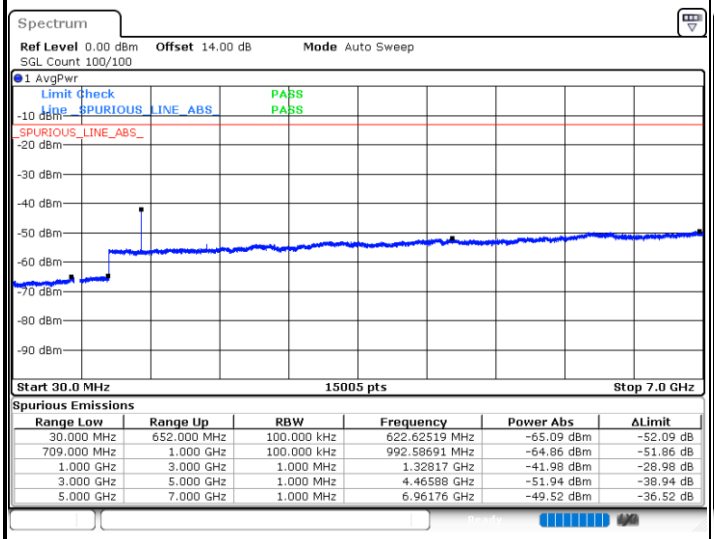
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	41.65667 MHz	-65.03 dBm	-52.03 dB
709.000 MHz	1.000 GHz	100.000 kHz	928.63087 MHz	-64.94 dBm	-51.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37766 GHz	-41.30 dBm	-28.30 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.46338 GHz	-51.96 dBm	-38.96 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97276 GHz	-49.64 dBm	-36.64 dB

Date: 1.JUN.2021 11:48:13

LTE Band 71 / 15MHz

Lowest Channel / QPSK

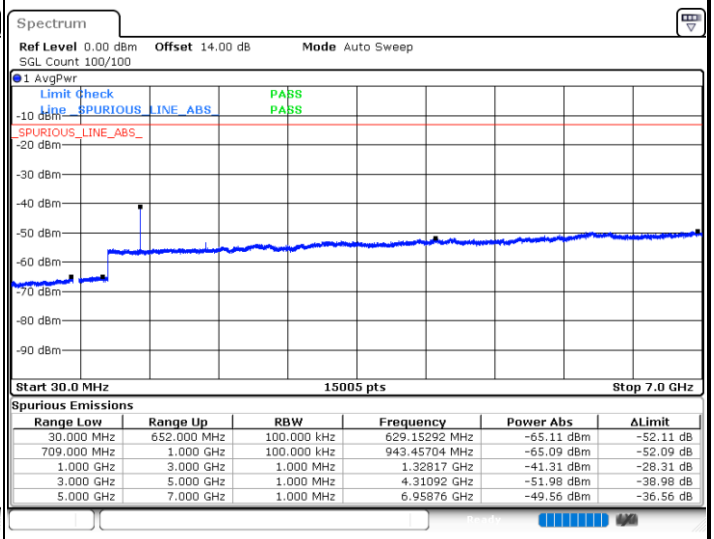


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.62519 MHz	-65.09 dBm	-52.09 dB
709.000 MHz	1.000 GHz	100.000 kHz	992.58691 MHz	-64.86 dBm	-51.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-41.98 dBm	-28.98 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.46588 GHz	-51.94 dBm	-38.94 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96176 GHz	-49.52 dBm	-36.52 dB

Date: 1.JUN.2021 12:08:36

Lowest Channel / 16QAM

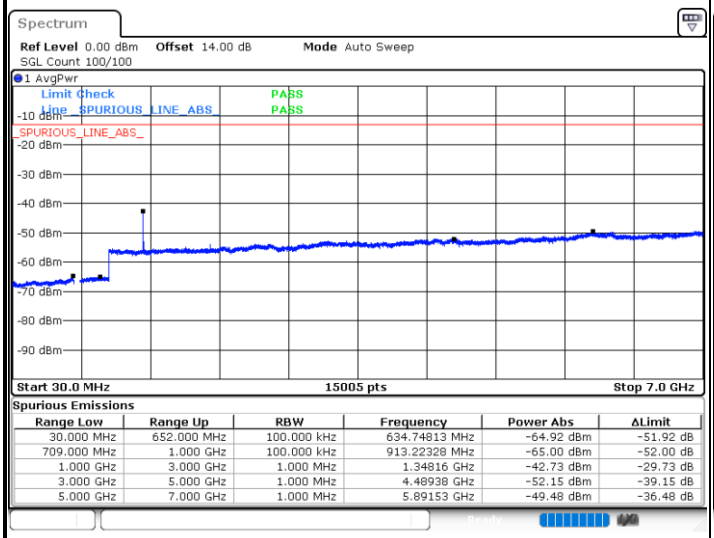


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	629.15292 MHz	-65.11 dBm	-52.11 dB
709.000 MHz	1.000 GHz	100.000 kHz	943.45704 MHz	-65.09 dBm	-52.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-41.31 dBm	-28.31 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31092 GHz	-51.98 dBm	-38.98 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95876 GHz	-49.56 dBm	-36.56 dB

Date: 1.JUN.2021 12:09:33

Middle Channel / QPSK

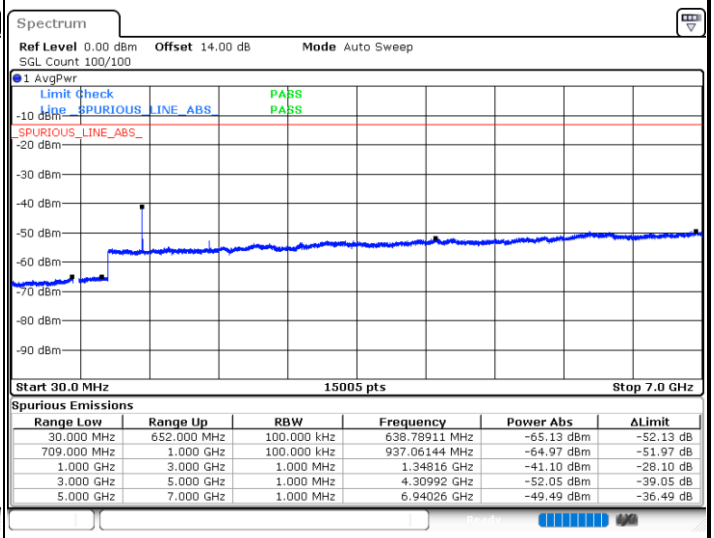


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.74813 MHz	-64.92 dBm	-51.92 dB
709.000 MHz	1.000 GHz	100.000 kHz	913.22328 MHz	-65.00 dBm	-52.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34816 GHz	-42.73 dBm	-29.73 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.48938 GHz	-52.15 dBm	-39.15 dB
5.000 GHz	7.000 GHz	1.000 MHz	5.89153 GHz	-49.48 dBm	-36.48 dB

Date: 1.JUN.2021 12:12:07

Middle Channel / 16QAM



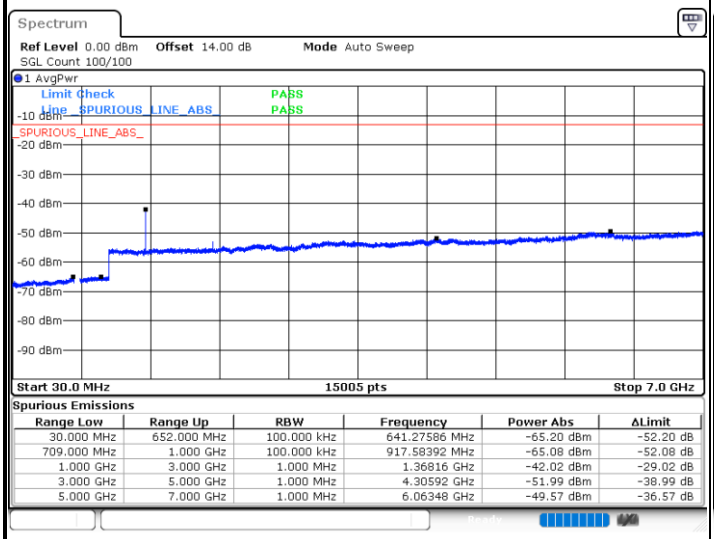
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-65.13 dBm	-52.13 dB
709.000 MHz	1.000 GHz	100.000 kHz	937.06144 MHz	-64.97 dBm	-51.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34816 GHz	-41.10 dBm	-28.10 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30992 GHz	-52.05 dBm	-39.05 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94026 GHz	-49.49 dBm	-36.49 dB

Date: 1.JUN.2021 12:13:03

LTE Band71 / 15MHz

Highest Channel / QPSK

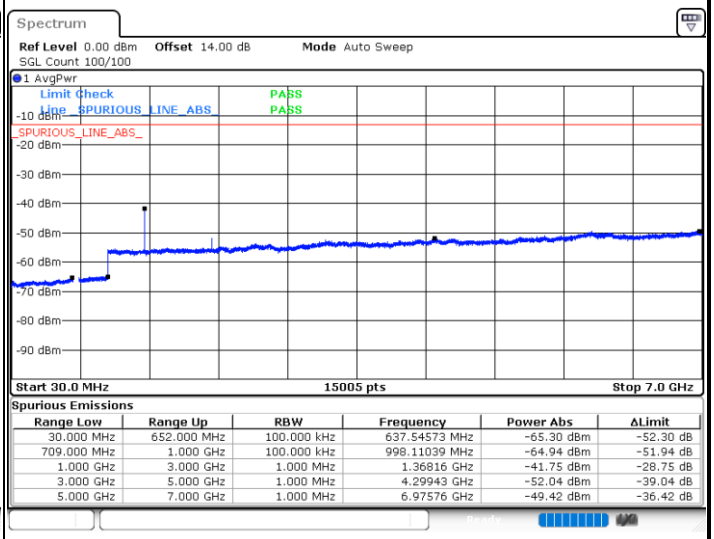


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	641.27586 MHz	-65.20 dBm	-52.20 dB
709.000 MHz	1.000 GHz	100.000 kHz	917.58392 MHz	-65.08 dBm	-52.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.36816 GHz	-42.02 dBm	-29.02 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30592 GHz	-51.99 dBm	-38.99 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.06348 GHz	-49.57 dBm	-36.57 dB

Date: 1.JUN.2021 12:21:49

Highest Channel / 16QAM



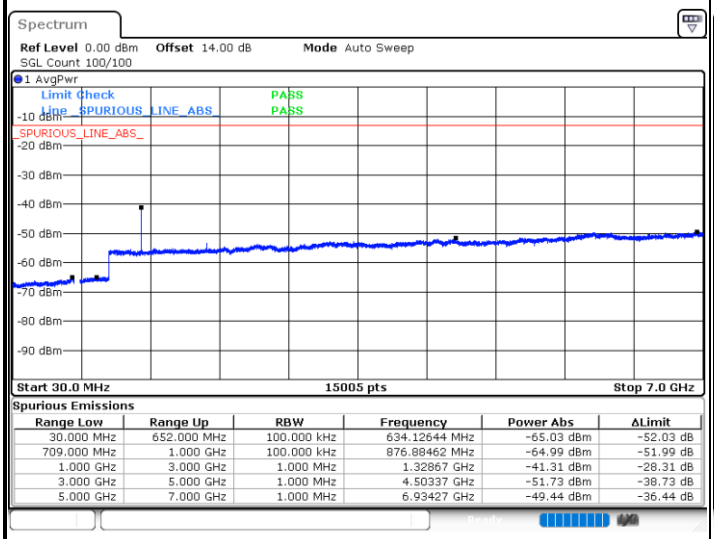
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.54573 MHz	-65.30 dBm	-52.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	998.11039 MHz	-64.94 dBm	-51.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.36816 GHz	-41.75 dBm	-28.75 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29943 GHz	-52.04 dBm	-39.04 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97576 GHz	-49.42 dBm	-36.42 dB

Date: 1.JUN.2021 12:22:45

LTE Band 71 / 20MHz

Lowest Channel / QPSK

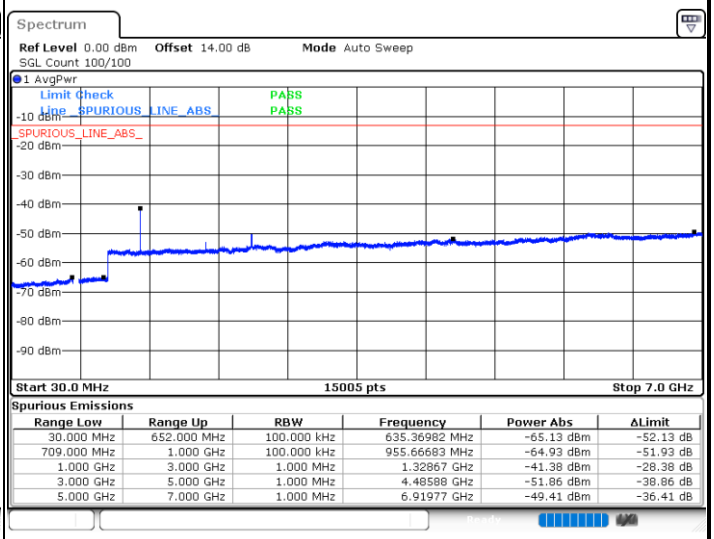


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.12644 MHz	-65.03 dBm	-52.03 dB
709.000 MHz	1.000 GHz	100.000 kHz	876.88462 MHz	-64.99 dBm	-51.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32867 GHz	-41.31 dBm	-28.31 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.50337 GHz	-51.73 dBm	-38.73 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93427 GHz	-49.44 dBm	-36.44 dB

Date: 1.JUN.2021 12:43:09

Lowest Channel / 16QAM



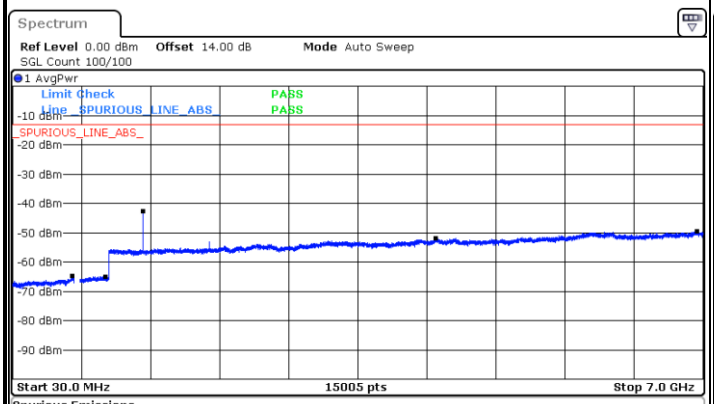
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.36982 MHz	-65.13 dBm	-52.13 dB
709.000 MHz	1.000 GHz	100.000 kHz	955.66683 MHz	-64.93 dBm	-51.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32867 GHz	-41.38 dBm	-28.38 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.48588 GHz	-51.86 dBm	-38.86 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.91977 GHz	-49.41 dBm	-36.41 dB

Date: 1.JUN.2021 12:44:05

LTE Band 71 / 20MHz

Middle Channel / QPSK

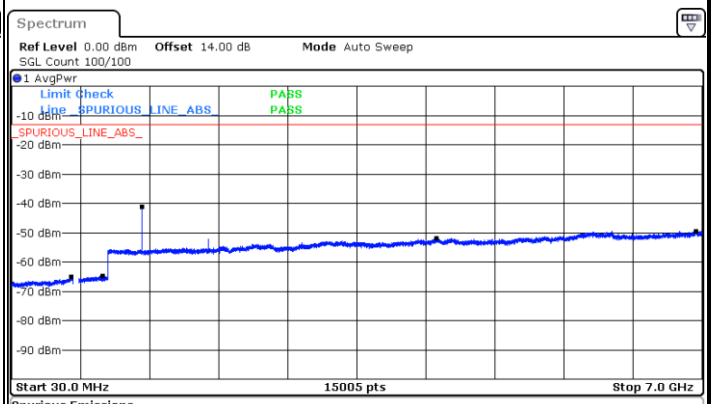


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	626.66617 MHz	-64.92 dBm	-51.92 dB
709.000 MHz	1.000 GHz	100.000 kHz	962.64386 MHz	-65.01 dBm	-52.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34366 GHz	-42.67 dBm	-29.67 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29843 GHz	-51.92 dBm	-38.92 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93827 GHz	-49.59 dBm	-36.59 dB

Date: 1.JUN.2021 12:46:39

Middle Channel / 16QAM

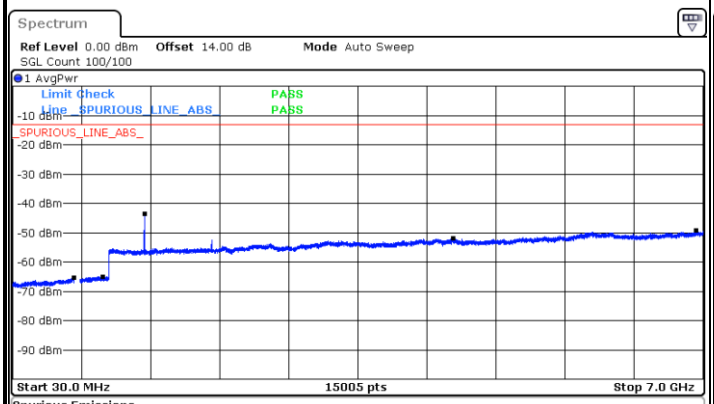


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.81559 MHz	-65.19 dBm	-52.19 dB
709.000 MHz	1.000 GHz	100.000 kHz	949.27123 MHz	-64.89 dBm	-51.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34366 GHz	-41.11 dBm	-28.11 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31342 GHz	-52.01 dBm	-39.01 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93627 GHz	-49.54 dBm	-36.54 dB

Date: 1.JUN.2021 12:47:36

Highest Channel / QPSK

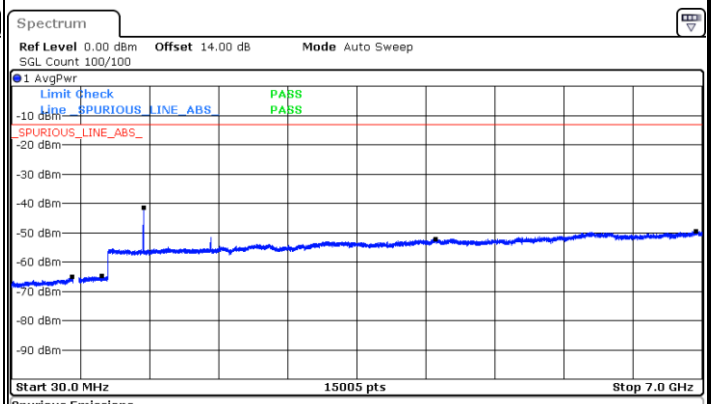


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	644.38431 MHz	-65.25 dBm	-52.25 dB
709.000 MHz	1.000 GHz	100.000 kHz	936.77073 MHz	-65.07 dBm	-52.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35866 GHz	-43.61 dBm	-30.61 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.47888 GHz	-51.88 dBm	-38.88 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93227 GHz	-49.35 dBm	-36.35 dB

Date: 1.JUN.2021 12:56:21

Highest Channel / 16QAM



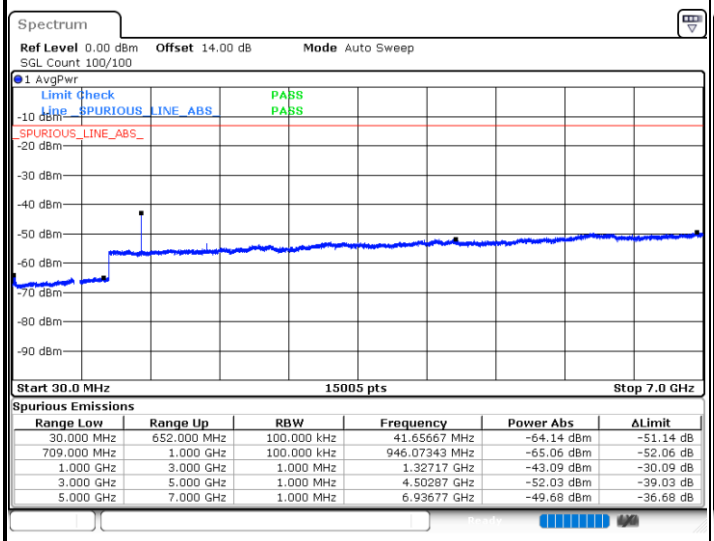
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.68066 MHz	-65.13 dBm	-52.13 dB
709.000 MHz	1.000 GHz	100.000 kHz	939.96853 MHz	-64.92 dBm	-51.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35866 GHz	-41.35 dBm	-28.35 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31242 GHz	-52.13 dBm	-39.13 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93777 GHz	-49.53 dBm	-36.53 dB

Date: 1.JUN.2021 12:57:17

LTE Band 71 / 5MHz

Lowest Channel / 64QAM

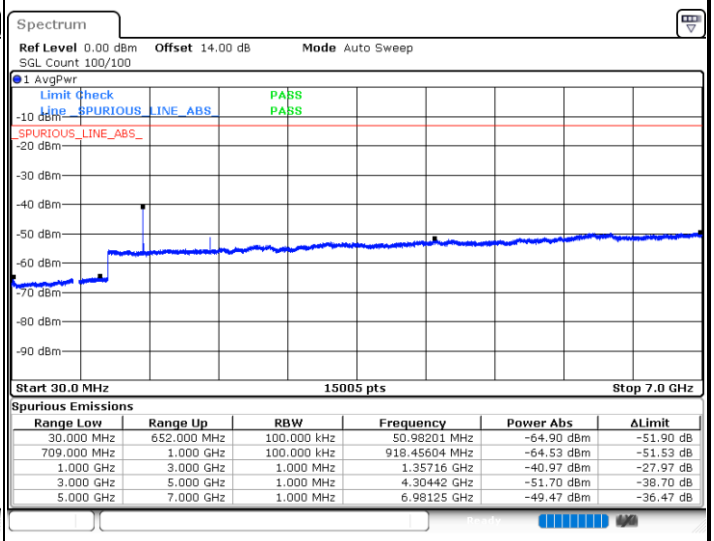


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	41.65667 MHz	-64.14 dBm	-51.14 dB
709.000 MHz	1.000 GHz	100.000 kHz	946.07343 MHz	-65.06 dBm	-52.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-43.09 dBm	-30.09 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.50287 GHz	-52.03 dBm	-39.03 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93677 GHz	-49.68 dBm	-36.68 dB

Date: 1.JUN.2021 11:11:25

Middle Channel / 64QAM

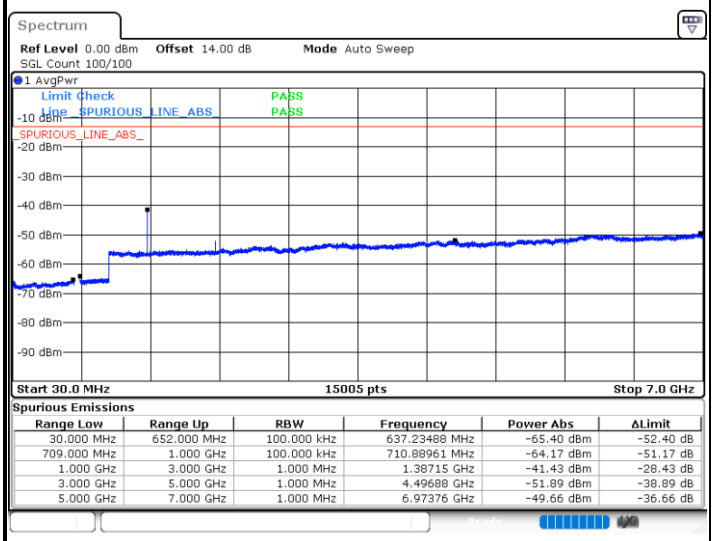


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	50.98201 MHz	-64.90 dBm	-51.90 dB
709.000 MHz	1.000 GHz	100.000 kHz	918.45604 MHz	-64.53 dBm	-51.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-40.97 dBm	-27.97 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30442 GHz	-51.70 dBm	-38.70 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-49.47 dBm	-36.47 dB

Date: 1.JUN.2021 11:13:01

Highest Channel / 64QAM



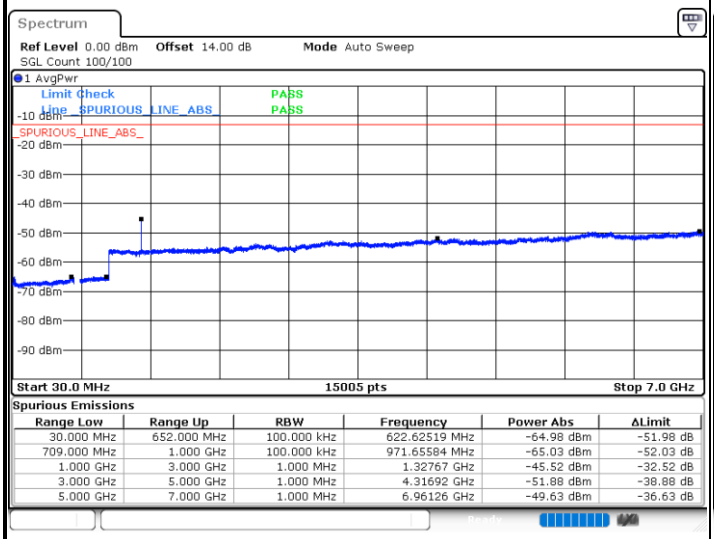
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.23488 MHz	-65.40 dBm	-52.40 dB
709.000 MHz	1.000 GHz	100.000 kHz	710.88961 MHz	-64.17 dBm	-51.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-41.43 dBm	-28.43 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.49688 GHz	-51.89 dBm	-38.89 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97376 GHz	-49.66 dBm	-36.66 dB

Date: 1.JUN.2021 11:17:42

LTE Band 71 / 10MHz

Lowest Channel / 64QAM

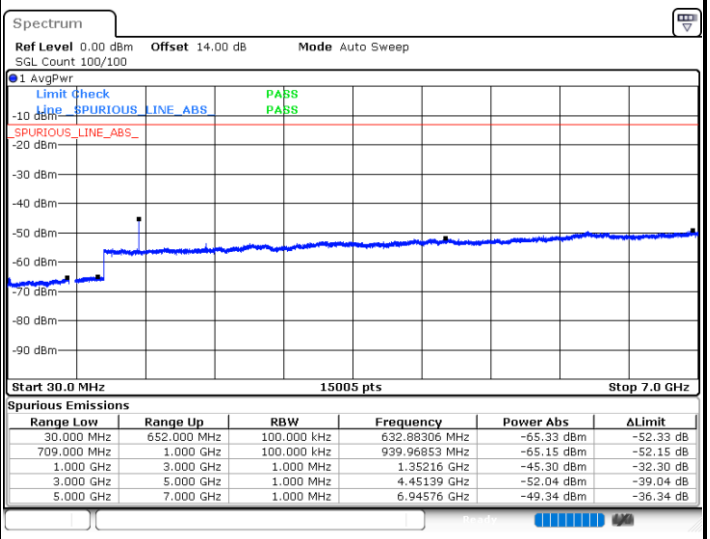


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.62519 MHz	-64.98 dBm	-51.98 dB
709.000 MHz	1.000 GHz	100.000 kHz	971.65584 MHz	-65.03 dBm	-52.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32767 GHz	-45.52 dBm	-32.52 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31692 GHz	-51.88 dBm	-38.88 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96126 GHz	-49.63 dBm	-36.63 dB

Date: 1.JUN.2021 11:52:54

Middle Channel / 64QAM

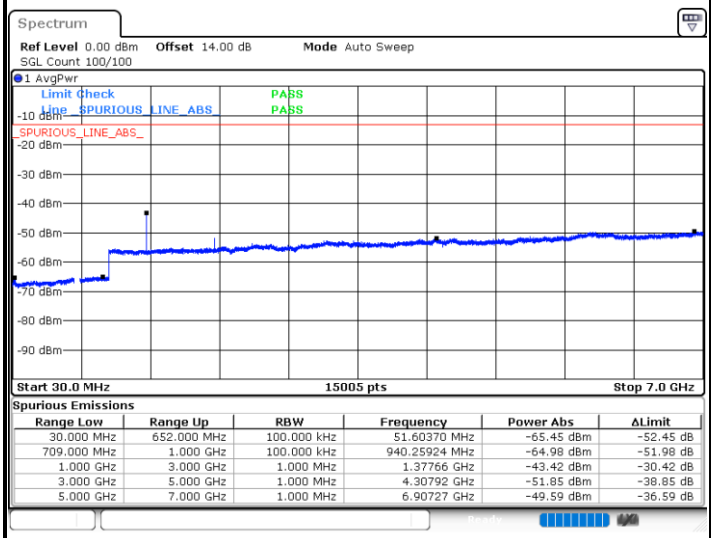


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	632.88306 MHz	-65.33 dBm	-52.33 dB
709.000 MHz	1.000 GHz	100.000 kHz	939.96853 MHz	-65.15 dBm	-52.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35216 GHz	-45.30 dBm	-32.30 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.45139 GHz	-52.04 dBm	-39.04 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-49.34 dBm	-36.34 dB

Date: 1.JUN.2021 11:54:31

Highest Channel / 64QAM



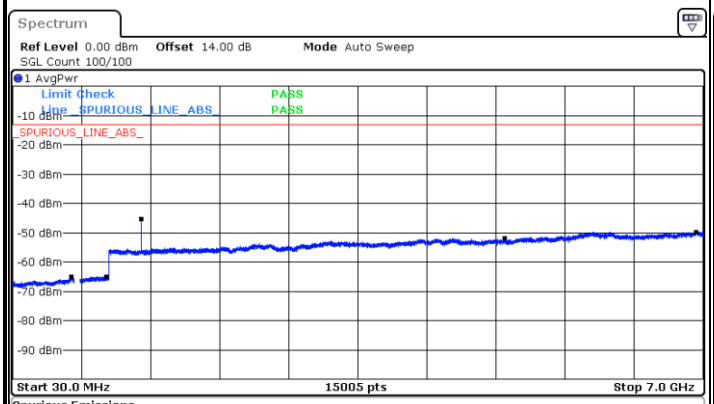
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	51.60370 MHz	-65.45 dBm	-52.45 dB
709.000 MHz	1.000 GHz	100.000 kHz	940.25924 MHz	-64.98 dBm	-51.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37766 GHz	-43.42 dBm	-30.42 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30792 GHz	-51.85 dBm	-38.85 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.90727 GHz	-49.59 dBm	-36.59 dB

Date: 1.JUN.2021 11:59:13

LTE Band 71 / 15MHz

Lowest Channel / 64QAM

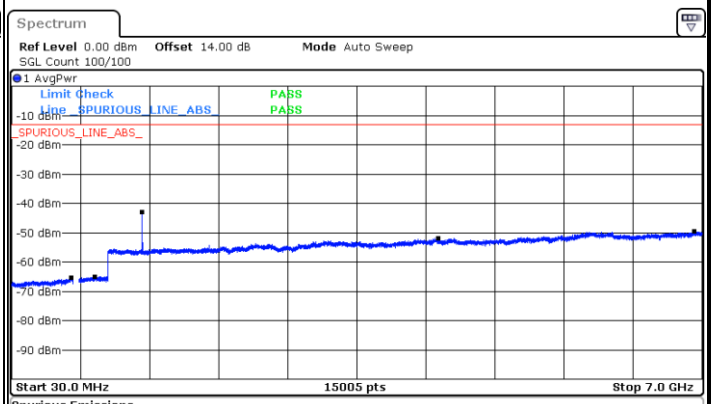


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.89505 MHz	-65.22 dBm	-52.22 dB
709.000 MHz	1.000 GHz	100.000 kHz	973.98152 MHz	-65.07 dBm	-52.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-45.36 dBm	-32.36 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99625 GHz	-52.01 dBm	-39.01 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92677 GHz	-49.73 dBm	-36.73 dB

Date: 1.JUN.2021 12:27:27

Middle Channel / 64QAM

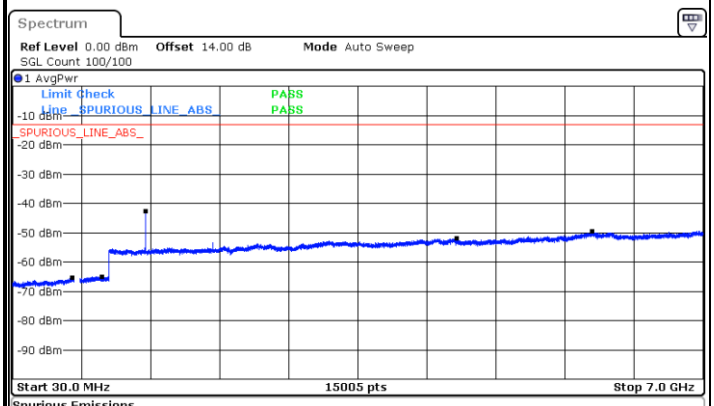


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.81559 MHz	-65.39 dBm	-52.39 dB
709.000 MHz	1.000 GHz	100.000 kHz	864.67483 MHz	-65.05 dBm	-52.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34816 GHz	-43.02 dBm	-30.02 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.33242 GHz	-52.03 dBm	-39.03 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92377 GHz	-49.41 dBm	-36.41 dB

Date: 1.JUN.2021 12:29:04

Highest Channel / 64QAM



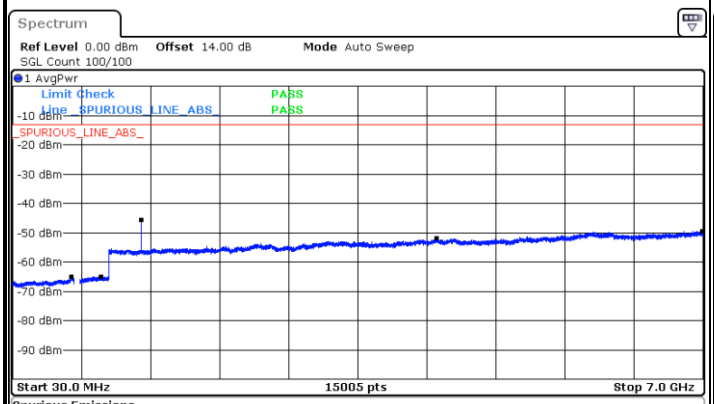
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	632.57221 MHz	-65.49 dBm	-52.49 dB
709.000 MHz	1.000 GHz	100.000 kHz	930.66583 MHz	-65.07 dBm	-52.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.36816 GHz	-42.61 dBm	-29.61 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.51137 GHz	-52.06 dBm	-39.06 dB
5.000 GHz	7.000 GHz	1.000 MHz	5.88103 GHz	-49.60 dBm	-36.60 dB

Date: 1.JUN.2021 12:33:46

LTE Band 71 / 20MHz

Lowest Channel / 64QAM

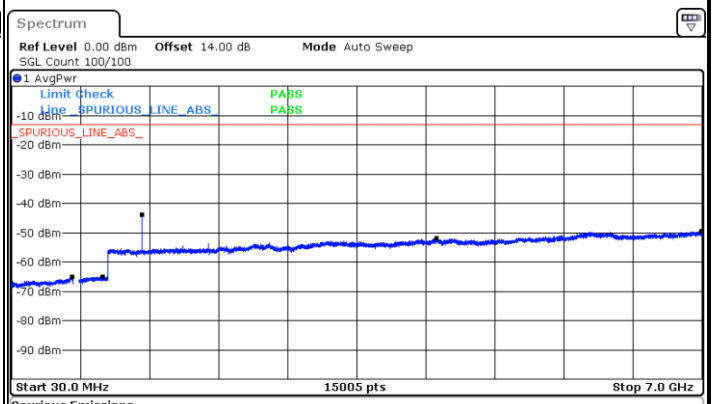


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.00350 MHz	-64.98 dBm	-51.98 dB
709.000 MHz	1.000 GHz	100.000 kHz	921.07243 MHz	-65.02 dBm	-52.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-45.54 dBm	-32.54 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30792 GHz	-52.08 dBm	-39.08 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-49.57 dBm	-36.57 dB

Date: 1.JUN.2021 13:02:00

Middle Channel / 64QAM

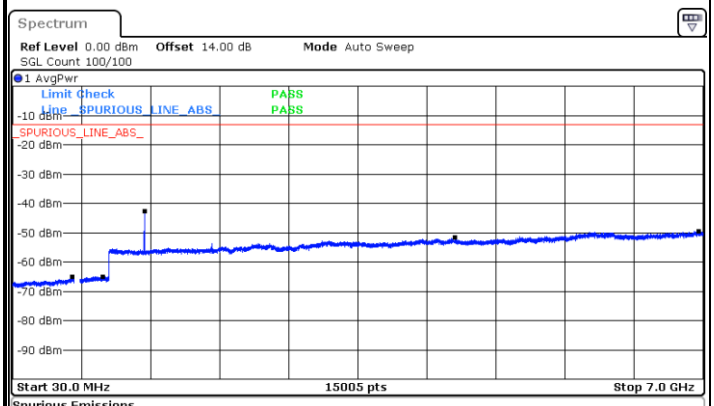


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	636.61319 MHz	-65.03 dBm	-52.03 dB
709.000 MHz	1.000 GHz	100.000 kHz	947.52697 MHz	-65.06 dBm	-52.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34366 GHz	-43.81 dBm	-30.81 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31742 GHz	-51.99 dBm	-38.99 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-49.65 dBm	-36.65 dB

Date: 1.JUN.2021 13:03:36

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.50475 MHz	-65.16 dBm	-52.16 dB
709.000 MHz	1.000 GHz	100.000 kHz	938.22428 MHz	-65.01 dBm	-52.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35866 GHz	-42.78 dBm	-29.78 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.49738 GHz	-51.71 dBm	-38.71 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95626 GHz	-49.55 dBm	-36.55 dB

Date: 1.JUN.2021 13:08:18

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0257	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0272	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0270	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 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

Main Antenna:

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-67.73	-13	-54.73	-62.84	-70.98	4.00	9.40	H
	2109	-59.11	-13	-46.11	-56.82	-62.68	4.88	10.60	H
	2812	-62.86	-13	-49.86	-63.35	-67.79	5.52	12.60	H
	1406	-68.07	-13	-55.07	-63.06	-71.32	4.00	9.40	V
	2109	-63.64	-13	-50.64	-61.32	-67.21	4.88	10.60	V
	2812	-63.24	-13	-50.24	-63.47	-68.17	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-68.24	-42.15	-26.09	-63.02	-71.49	4.00	9.40	H
	2339.25	-65.17	-13	-52.17	-63.24	-68.74	4.88	10.60	H
	3119	-61.76	-13	-48.76	-63.52	-66.69	5.52	12.60	H
	1559.5	-68.48	-42.15	-26.33	-62.96	-71.73	4.00	9.40	V
	2339.25	-65.01	-13	-52.01	-63.57	-68.58	4.88	10.60	V
	3119	-61.86	-13	-48.86	-63.49	-66.79	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-67.40	-13	-54.40	-62.19	-71.93	2.68	9.36	H
	2332.5	-64.31	-13	-51.31	-62.40	-70.31	2.36	10.51	H
	3110	-60.87	-13	-47.87	-62.59	-66.75	4.49	12.52	H
	1555	-67.23	-13	-54.23	-61.73	-71.76	2.68	9.36	V
	2332.5	-63.71	-13	-50.71	-62.27	-69.71	2.36	10.51	V
	3110	-61.10	-13	-48.10	-62.68	-66.98	4.49	12.52	V

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

LTE Band 25 / 20MHz / QPSK									
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	3747	-51.77	-13	-38.77	-55.63	-58.52	5.85	12.60	H
	5620.5	-54.52	-13	-41.52	-64.30	-60.32	7.30	13.10	H
	7494	-52.60	-13	-39.60	-66.81	-55.75	8.35	11.50	H
	3747	-54.69	-13	-41.69	-58.43	-61.44	5.85	12.60	V
	5620.5	-54.73	-13	-41.73	-64.33	-60.53	7.30	13.10	V
	7494	-51.96	-13	-38.96	-66.22	-55.11	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-65.10	-13	-52.10	-74.12	-68.35	4.00	9.40	H
	2489.25	-61.45	-13	-48.45	-74.98	-65.02	4.88	10.60	H
	3319	-60.19	-13	-47.19	-77.11	-65.12	5.52	12.60	H
	1659.5	-64.64	-13	-51.64	-73.77	-67.89	4.00	9.40	V
	2489.25	-61.83	-13	-48.83	-75.43	-65.40	4.88	10.60	V
	3319	-60.14	-13	-47.14	-77.02	-65.07	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-57.05	-13	-44.05	-59.34	-62.45	4.00	9.40	H
	5208	-52.68	-13	-39.68	-61.19	-58.40	4.88	10.60	H
	6944	-53.18	-13	-40.18	-66.36	-60.26	5.52	12.60	H
	3472	-56.37	-13	-43.37	-58.68	-61.77	4.00	9.40	V
	5208	-54.26	-13	-41.26	-62.58	-59.98	4.88	10.60	V
	6944	-53.07	-13	-40.07	-66.06	-60.15	5.52	12.60	V

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

LTE Band 71 / 20MHz / QPSK									
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	1348	-65.42	-13	-52.42	-74.01	-68.67	4.00	9.40	H
	2022	-64.43	-13	-51.43	-74.72	-68.00	4.88	10.60	H
	2696	-62.51	-13	-49.51	-75.76	-67.44	5.52	12.60	H
	1348	-65.73	-13	-52.73	-74.25	-68.98	4.00	9.40	V
	2022	-64.31	-13	-51.31	-74.72	-67.88	4.88	10.60	V
	2696	-62.64	-13	-49.64	-75.78	-67.57	5.52	12.60	V

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

ASDIV Antenna:

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-66.48	-13	-53.48	-61.59	-69.73	4.00	9.40	H
	2109	-41.23	-13	-28.23	-38.94	-44.80	4.88	10.60	H
	2812	-62.71	-13	-49.71	-63.20	-67.64	5.52	12.60	H
	1406	-67.18	-13	-54.18	-62.17	-70.43	4.00	9.40	V
	2109	-42.57	-13	-29.57	-40.25	-46.14	4.88	10.60	V
	2812	-63.12	-13	-50.12	-63.35	-68.05	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-60.63	-42.15	-18.48	-55.41	-65.16	2.68	9.36	H
	2339.25	-40.17	-13	-27.17	-38.24	-46.17	2.36	10.51	H
	3119	-61.21	-13	-48.21	-62.97	-67.09	4.49	12.52	H
	1559.5	-58.02	-42.15	-15.87	-52.50	-62.55	2.68	9.36	V
	2339.25	-38.34	-13	-25.34	-36.90	-44.34	2.36	10.51	V
	3119	-61.50	-13	-48.50	-63.13	-67.38	4.49	12.52	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-60.94	-13	-47.94	-55.73	-65.47	2.68	9.36	H
	2332.5	-42.86	-13	-29.86	-40.95	-48.86	2.36	10.51	H
	3110	-61.32	-13	-48.32	-63.04	-67.20	4.49	12.52	H
	1555	-59.77	-13	-46.77	-54.27	-64.30	2.68	9.36	V
	2332.5	-40.76	-13	-27.76	-39.32	-46.76	2.36	10.51	V
	3110	-61.35	-13	-48.35	-62.93	-67.23	4.49	12.52	V

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

LTE Band 25 / 20MHz / QPSK									
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	3747	-53.81	-13	-40.81	-57.67	-60.56	5.85	12.60	H
	5620.5	-55.06	-13	-42.06	-64.84	-60.86	7.30	13.10	H
	7494	-51.70	-13	-38.70	-65.91	-54.85	8.35	11.50	H
	3747	-58.04	-13	-45.04	-61.78	-64.79	5.85	12.60	V
	5620.5	-55.12	-13	-42.12	-64.72	-60.92	7.30	13.10	V
	7494	-51.81	-13	-38.81	-66.07	-54.96	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-65.64	-13	-52.64	-74.66	-68.89	4.00	9.40	H
	2489.25	-61.60	-13	-48.60	-75.13	-65.17	4.88	10.60	H
	3319	-60.23	-13	-47.23	-77.15	-65.16	5.52	12.60	H
	1659.5	-65.48	-13	-52.48	-74.61	-68.73	4.00	9.40	V
	2489.25	-61.77	-13	-48.77	-75.37	-65.34	4.88	10.60	V
	3319	-60.21	-13	-47.21	-77.09	-65.14	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-58.40	-13	-45.40	-60.69	-63.80	4.00	9.40	H
	5208	-56.43	-13	-43.43	-64.94	-62.15	4.88	10.60	H
	6944	-52.78	-13	-39.78	-65.96	-59.86	5.52	12.60	H
	3472	-60.21	-13	-47.21	-62.52	-65.61	4.00	9.40	V
	5208	-56.50	-13	-43.50	-64.82	-62.22	4.88	10.60	V
	6944	-52.82	-13	-39.82	-65.81	-59.90	5.52	12.60	V

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

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1348	-65.51	-13	-52.51	-74.10	-68.76	4.00	9.40	H
	2022	-60.40	-13	-47.40	-70.69	-63.97	4.88	10.60	H
	2696	-62.75	-13	-49.75	-76.00	-67.68	5.52	12.60	H
	1348	-65.50	-13	-52.50	-74.02	-68.75	4.00	9.40	V
	2022	-62.46	-13	-49.46	-72.87	-66.03	4.88	10.60	V
	2696	-62.84	-13	-49.84	-75.98	-67.77	5.52	12.60	V

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

Appendix D. Reference Report

Please refer to Sporton report number FG151701B which is issued separately.