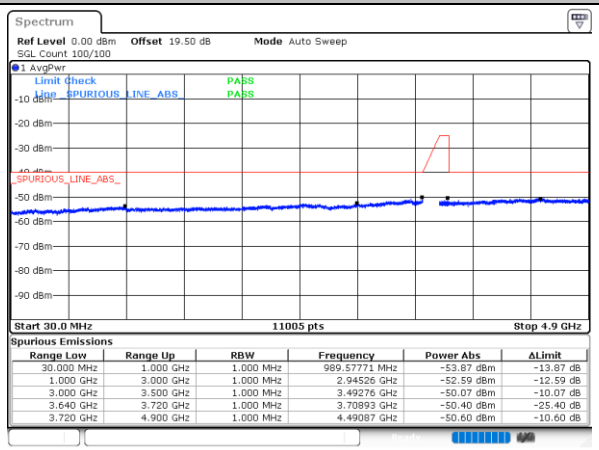
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

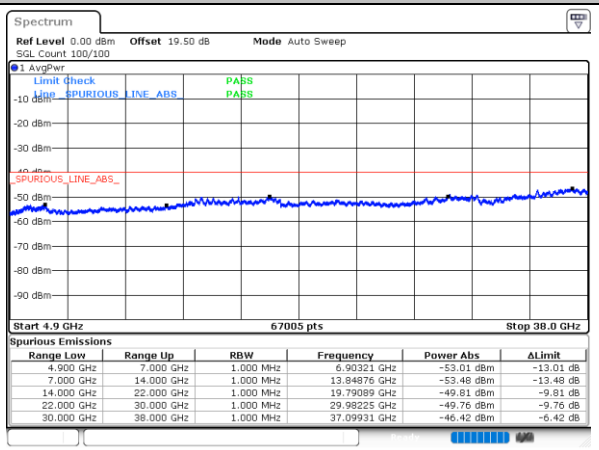
Lowest Channel / 1RB24 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-53.87 dBm	-13.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94526 GHz	-52.59 dBm	-12.59 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49276 GHz	-50.07 dBm	-10.07 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.70893 GHz	-50.40 dBm	-25.40 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.49087 GHz	-50.60 dBm	-10.60 dB

Date: 24.NOV.2023 00:39:42

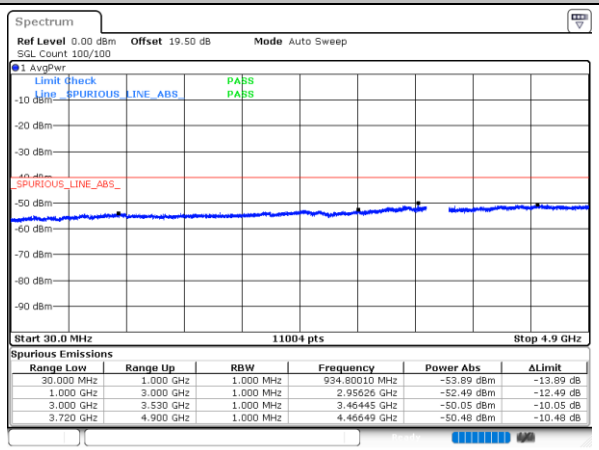


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.90321 GHz	-53.01 dBm	-13.01 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.84876 GHz	-53.48 dBm	-13.48 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.79089 GHz	-49.81 dBm	-9.81 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98225 GHz	-49.76 dBm	-9.76 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.09931 GHz	-46.42 dBm	-6.42 dB

Date: 27.NOV.2023 20:06:35

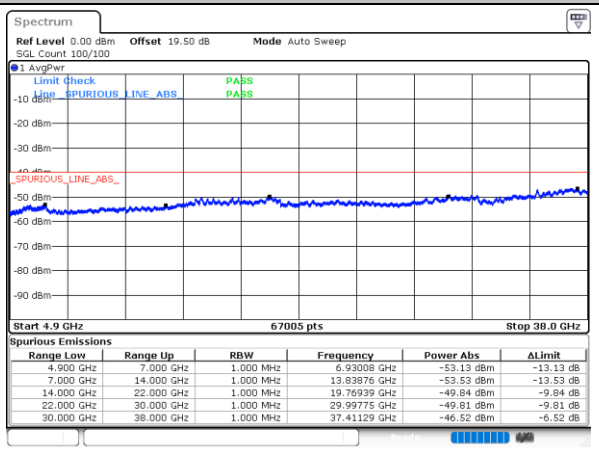
Middle Channel / 1RB24 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-53.89 dBm	-13.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95626 GHz	-52.49 dBm	-12.49 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.46445 GHz	-50.05 dBm	-10.05 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.46649 GHz	-50.48 dBm	-10.48 dB

Date: 24.NOV.2023 00:30:03

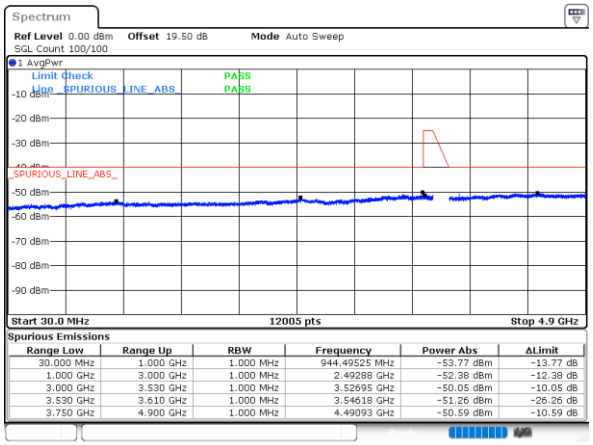


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.93008 GHz	-53.13 dBm	-13.13 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.83876 GHz	-53.53 dBm	-13.53 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.76939 GHz	-49.84 dBm	-9.84 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99775 GHz	-49.81 dBm	-9.81 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.41129 GHz	-46.52 dBm	-6.52 dB

Date: 27.NOV.2023 20:08:43

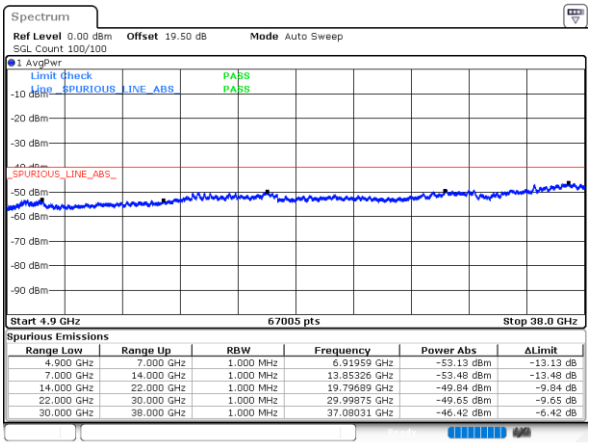
Highest Channel / 1RB24 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-53.77 dBm	-13.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49288 GHz	-52.38 dBm	-12.38 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52695 GHz	-50.05 dBm	-10.05 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.54618 GHz	-51.26 dBm	-26.26 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.49093 GHz	-50.59 dBm	-10.59 dB

Date: 24.NOV.2023 00:49:26



Spurious Emissions

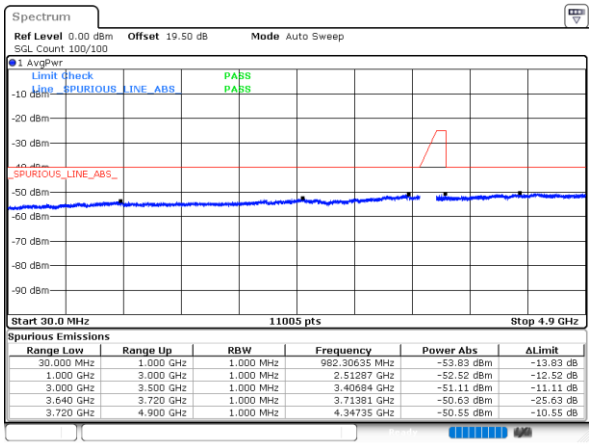
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.91959 GHz	-53.13 dBm	-13.13 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85326 GHz	-53.48 dBm	-13.48 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.79689 GHz	-49.84 dBm	-9.84 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99875 GHz	-49.65 dBm	-9.65 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.08031 GHz	-46.42 dBm	-6.42 dB

Date: 27.NOV.2023 20:10:48

LTE Band 48C / 10MHz+20MHz

QPSK

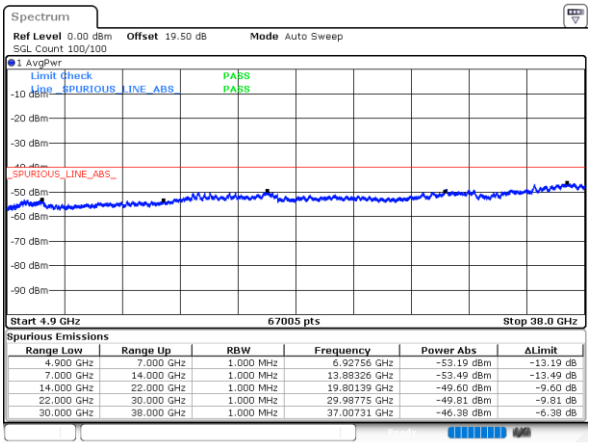
Lowest Channel / 1RB49 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-53.83 dBm	-13.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51287 GHz	-52.52 dBm	-12.52 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.40684 GHz	-51.11 dBm	-11.11 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.71381 GHz	-50.63 dBm	-25.63 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.34735 GHz	-50.55 dBm	-10.55 dB

Date: 24.NOV.2023 01:42:41

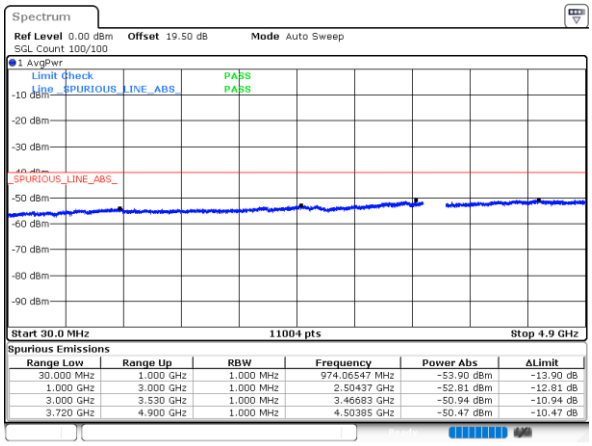


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.92756 GHz	-53.19 dBm	-13.19 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.88326 GHz	-53.49 dBm	-13.49 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.80139 GHz	-49.60 dBm	-9.60 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98775 GHz	-49.81 dBm	-9.81 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.00731 GHz	-46.38 dBm	-6.38 dB

Date: 27.NOV.2023 20:17:34

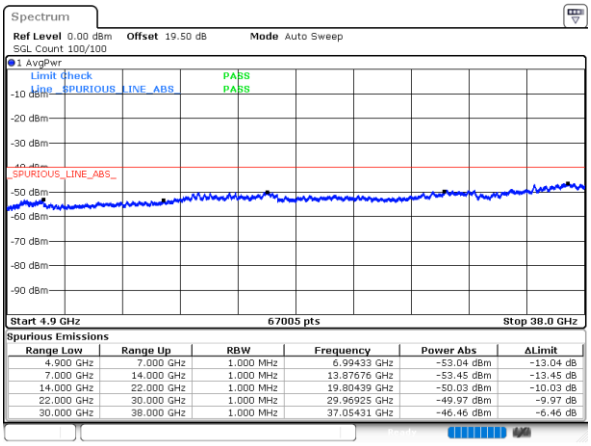
Middle Channel / 1RB49 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-53.90 dBm	-13.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50437 GHz	-52.81 dBm	-12.81 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.46683 GHz	-50.94 dBm	-10.94 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.50385 GHz	-50.47 dBm	-10.47 dB

Date: 24.NOV.2023 01:32:45

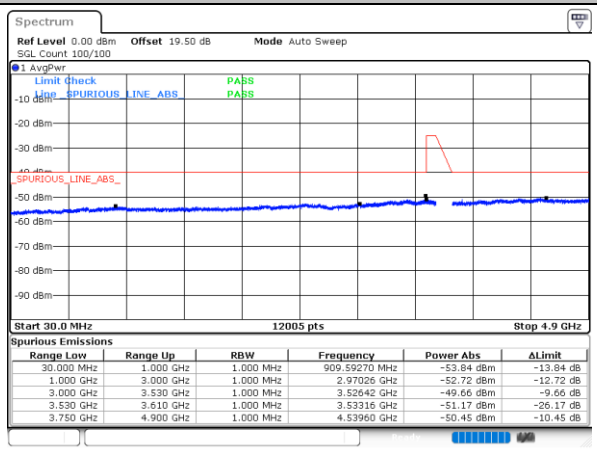


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.99433 GHz	-53.04 dBm	-13.04 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.87676 GHz	-53.45 dBm	-13.45 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.80439 GHz	-50.03 dBm	-10.03 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.96925 GHz	-49.97 dBm	-9.97 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.05431 GHz	-46.46 dBm	-6.46 dB

Date: 27.NOV.2023 20:19:17

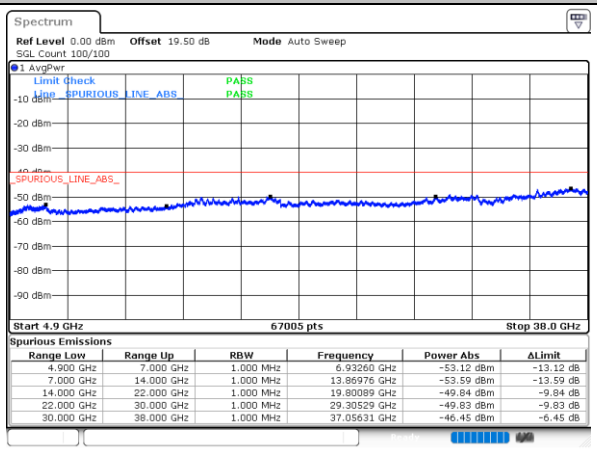
Highest Channel / 1RB49 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-53.84 dBm	-13.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97026 GHz	-52.72 dBm	-12.72 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52642 GHz	-49.66 dBm	-9.66 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.53316 GHz	-51.17 dBm	-26.17 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.53960 GHz	-50.45 dBm	-10.45 dB

Date: 24.NOV.2023 01:52:36



Spurious Emissions

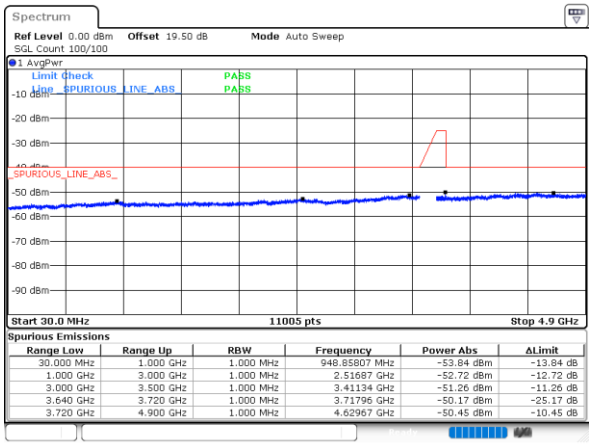
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.93260 GHz	-53.12 dBm	-13.12 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.86976 GHz	-53.59 dBm	-13.59 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.80089 GHz	-49.84 dBm	-9.84 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.30529 GHz	-49.83 dBm	-9.83 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.05631 GHz	-46.45 dBm	-6.45 dB

Date: 27.NOV.2023 20:20:57

LTE Band 48C / 15MHz+20MHz

QPSK

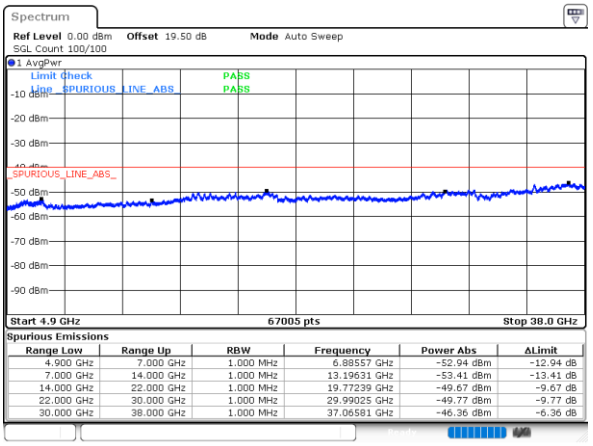
Lowest Channel / 1RB74 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-53.84 dBm	-13.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51687 GHz	-52.72 dBm	-12.72 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.41134 GHz	-51.26 dBm	-11.26 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.71796 GHz	-50.17 dBm	-25.17 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.62967 GHz	-50.45 dBm	-10.45 dB

Date: 24.NOV.2023 02:46:51

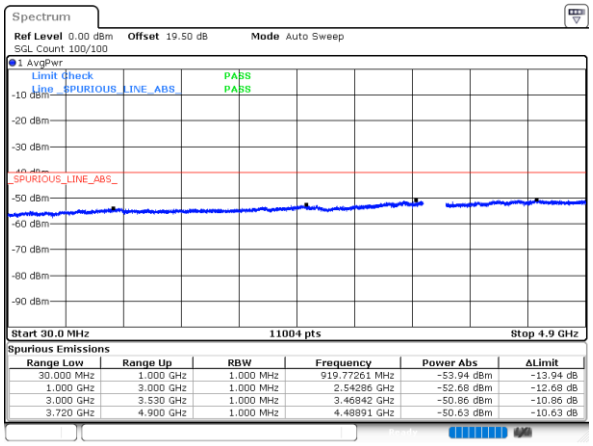


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.88557 GHz	-52.94 dBm	-12.94 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.19631 GHz	-53.41 dBm	-13.41 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.77239 GHz	-49.67 dBm	-9.67 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99025 GHz	-49.77 dBm	-9.77 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.06581 GHz	-46.36 dBm	-6.36 dB

Date: 27.NOV.2023 20:27:56

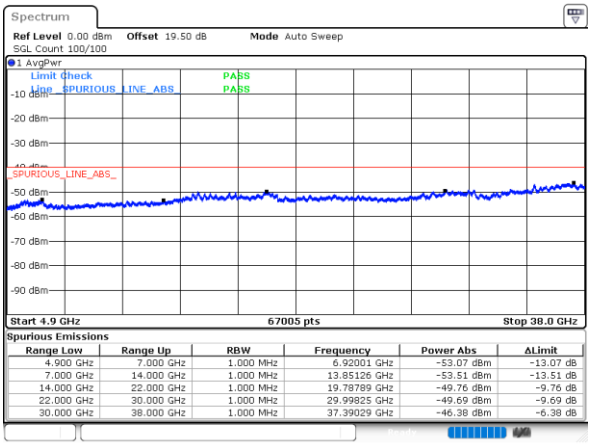
Middle Channel / 1RB74 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-53.94 dBm	-13.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.54286 GHz	-52.68 dBm	-12.68 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.46842 GHz	-50.86 dBm	-10.86 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.48891 GHz	-50.63 dBm	-10.63 dB

Date: 24.NOV.2023 02:36:43

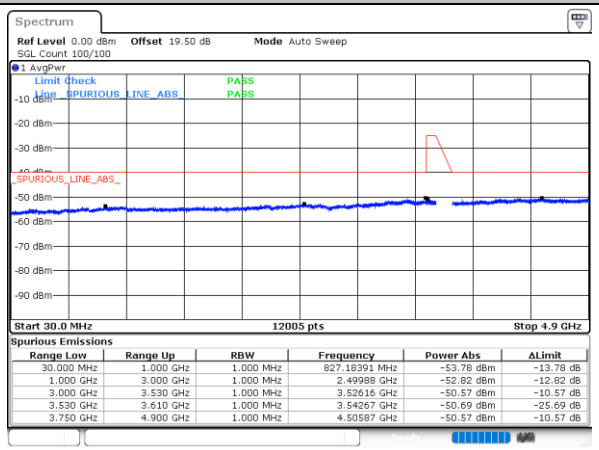


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.92001 GHz	-53.07 dBm	-13.07 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85126 GHz	-53.51 dBm	-13.51 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.78789 GHz	-49.76 dBm	-9.76 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99825 GHz	-49.69 dBm	-9.69 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.39029 GHz	-46.38 dBm	-6.38 dB

Date: 27.NOV.2023 20:29:36

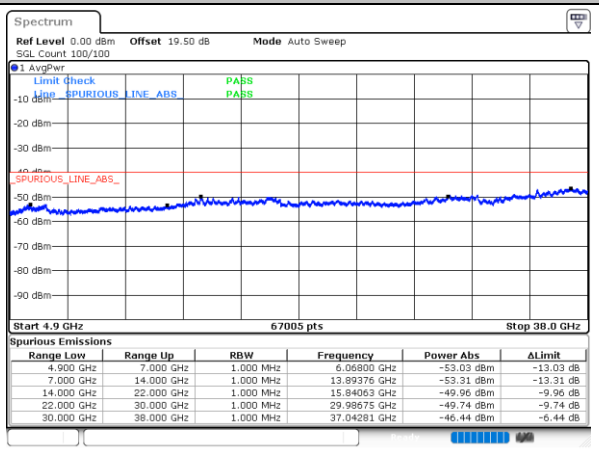
Highest Channel / 1RB74 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	827.18391 MHz	-53.78 dBm	-13.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49988 GHz	-52.82 dBm	-12.82 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52616 GHz	-50.57 dBm	-10.57 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.54267 GHz	-50.69 dBm	-25.69 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.50587 GHz	-50.57 dBm	-10.57 dB

Date: 24.NOV.2023 02:56:44



Spurious Emissions

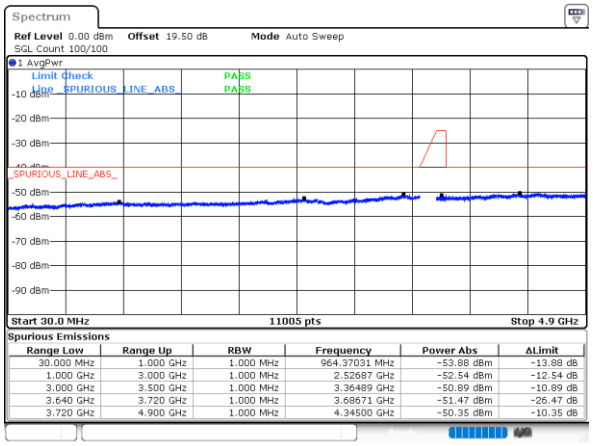
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.06800 GHz	-53.03 dBm	-13.03 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.89376 GHz	-53.31 dBm	-13.31 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.84063 GHz	-49.96 dBm	-9.96 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98675 GHz	-49.74 dBm	-9.74 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.04281 GHz	-46.44 dBm	-6.44 dB

Date: 27.NOV.2023 20:31:22

LTE Band 48C / 20MHz+5MHz

QPSK

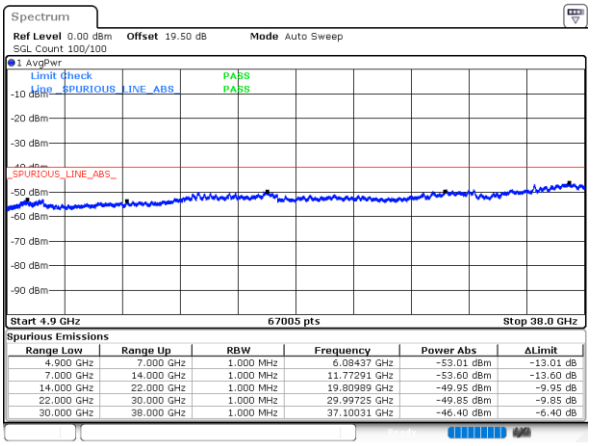
Lowest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-53.88 dBm	-13.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52687 GHz	-52.54 dBm	-12.54 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.36489 GHz	-50.89 dBm	-10.89 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.68671 GHz	-51.47 dBm	-26.47 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.34500 GHz	-50.35 dBm	-10.35 dB

Date: 24.NOV.2023 01:11:10

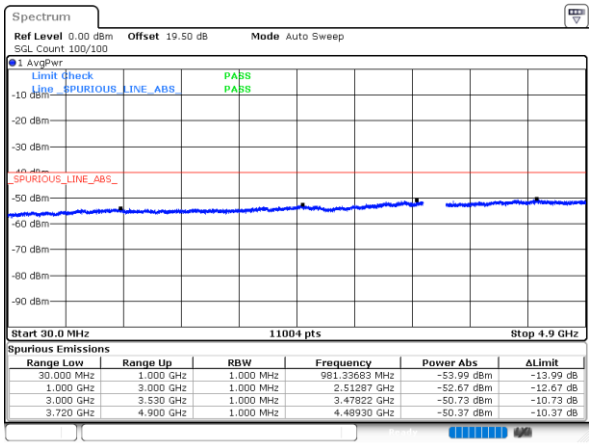


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.08437 GHz	-53.01 dBm	-13.01 dB
7.000 GHz	14.000 GHz	1.000 MHz	11.77291 GHz	-53.60 dBm	-13.60 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.80989 GHz	-49.95 dBm	-9.95 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99725 GHz	-49.85 dBm	-9.85 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.10031 GHz	-46.40 dBm	-6.40 dB

Date: 27.NOV.2023 20:12:28

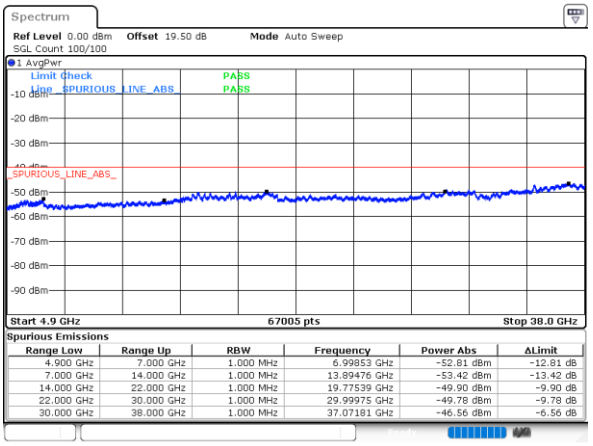
Middle Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-53.99 dBm	-13.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51287 GHz	-52.67 dBm	-12.67 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.47822 GHz	-50.73 dBm	-10.73 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.48930 GHz	-50.37 dBm	-10.37 dB

Date: 24.NOV.2023 01:01:34

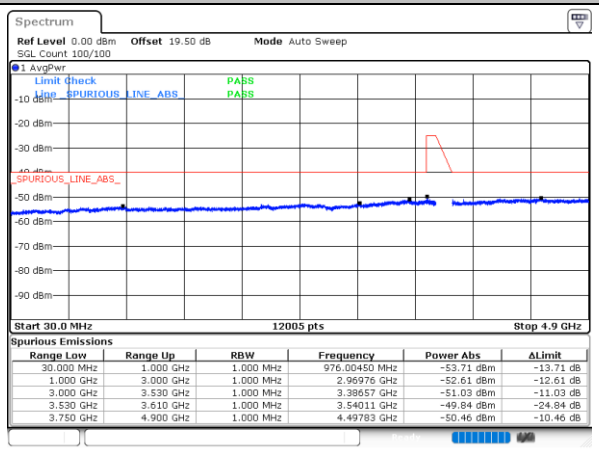


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.99853 GHz	-52.81 dBm	-12.81 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.89476 GHz	-53.42 dBm	-13.42 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.77539 GHz	-49.90 dBm	-9.90 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99975 GHz	-49.78 dBm	-9.78 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.07181 GHz	-46.56 dBm	-6.56 dB

Date: 27.NOV.2023 20:14:08

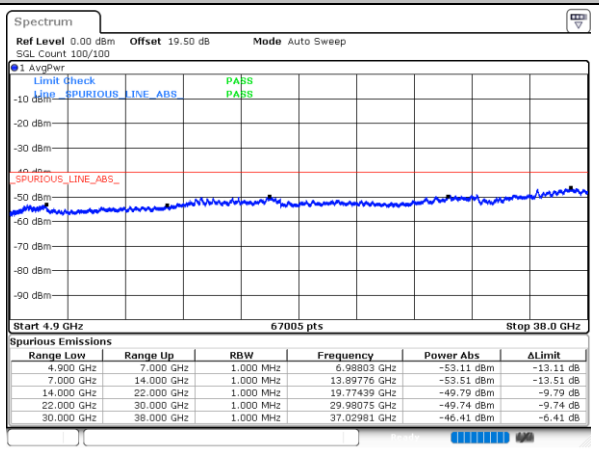
Highest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-53.71 dBm	-13.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99976 GHz	-52.61 dBm	-12.61 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.38657 GHz	-51.03 dBm	-11.03 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.54011 GHz	-49.84 dBm	-24.84 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.49783 GHz	-50.46 dBm	-10.46 dB

Date: 24.NOV.2023 01:20:39



Spurious Emissions

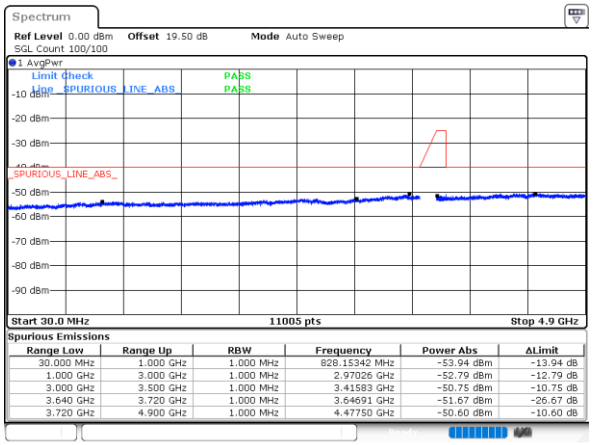
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.98803 GHz	-53.11 dBm	-13.11 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.89776 GHz	-53.51 dBm	-13.51 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.77439 GHz	-49.79 dBm	-9.79 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98075 GHz	-49.74 dBm	-9.74 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.02981 GHz	-46.41 dBm	-6.41 dB

Date: 27.NOV.2023 20:15:48

LTE Band 48C / 20MHz+10MHz

QPSK

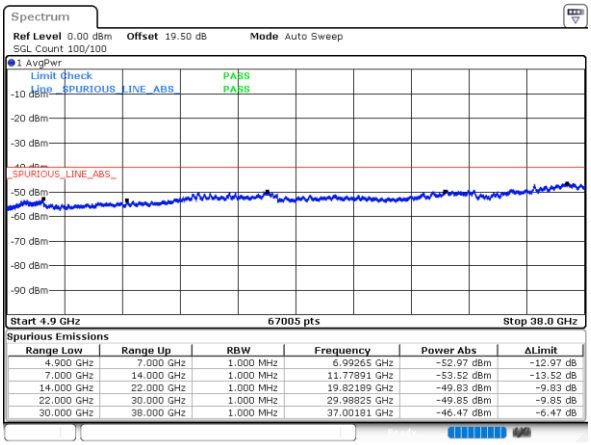
Lowest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	828.15342 MHz	-53.94 dBm	-13.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97026 GHz	-52.79 dBm	-12.79 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.41583 GHz	-50.75 dBm	-10.75 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64691 GHz	-51.67 dBm	-26.67 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.47750 GHz	-50.60 dBm	-10.60 dB

Date: 24.NOV.2023 02:14:21

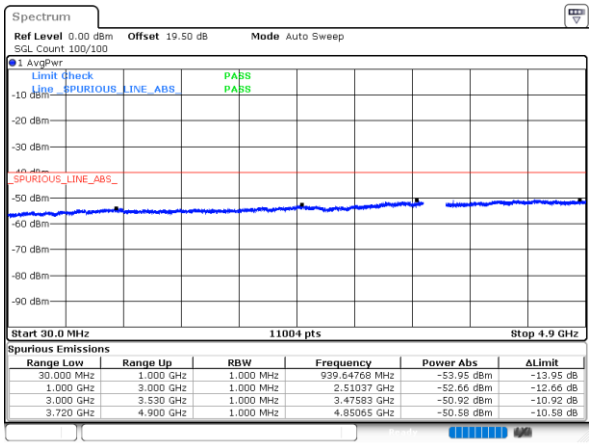


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.99265 GHz	-52.97 dBm	-12.97 dB
7.000 GHz	14.000 GHz	1.000 MHz	11.77891 GHz	-53.52 dBm	-13.52 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.82189 GHz	-49.83 dBm	-9.83 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98825 GHz	-49.85 dBm	-9.85 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.00181 GHz	-46.47 dBm	-6.47 dB

Date: 27.NOV.2023 20:22:43

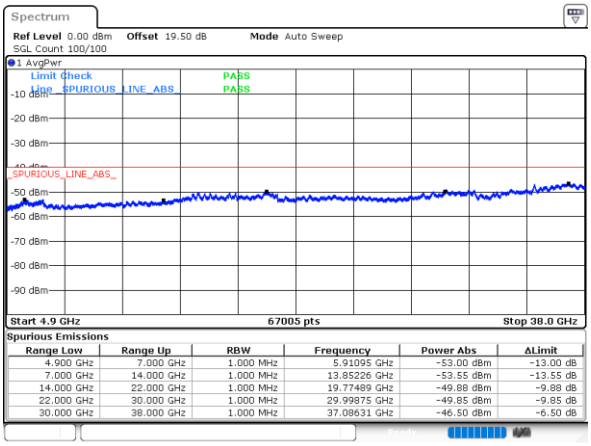
Middle Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-53.95 dBm	-13.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51037 GHz	-52.66 dBm	-12.66 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.47583 GHz	-50.92 dBm	-10.92 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.85065 GHz	-50.58 dBm	-10.58 dB

Date: 24.NOV.2023 02:04:45

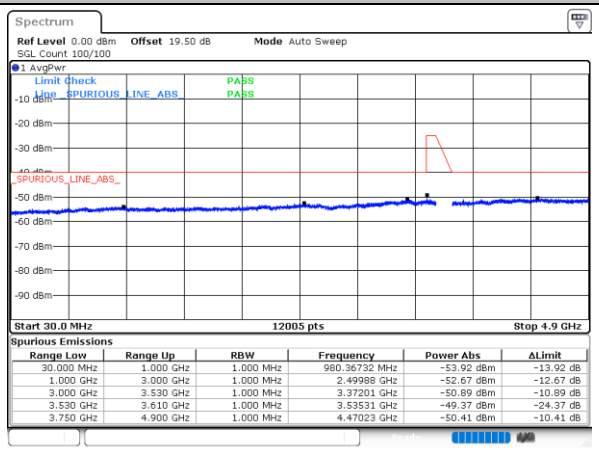


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	5.91095 GHz	-53.00 dBm	-13.00 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.85226 GHz	-53.55 dBm	-13.55 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.77489 GHz	-49.88 dBm	-9.88 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99875 GHz	-49.85 dBm	-9.85 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.08631 GHz	-46.50 dBm	-6.50 dB

Date: 27.NOV.2023 20:24:23

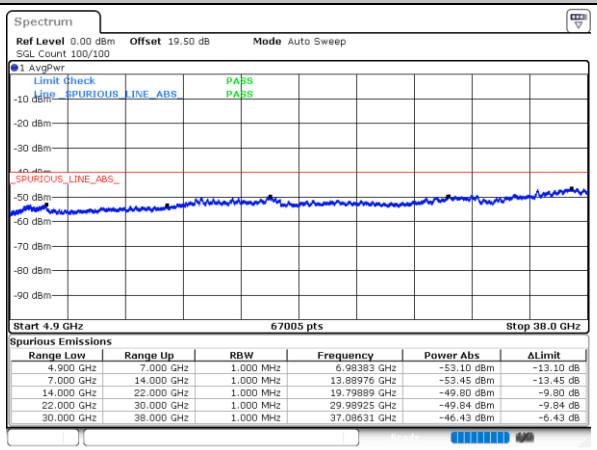
Highest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-53.92 dBm	-13.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49988 GHz	-52.67 dBm	-12.67 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.37201 GHz	-50.89 dBm	-10.89 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.53531 GHz	-49.37 dBm	-24.37 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.47023 GHz	-50.41 dBm	-10.41 dB

Date: 24.NOV.2023 02:24:25



Spurious Emissions

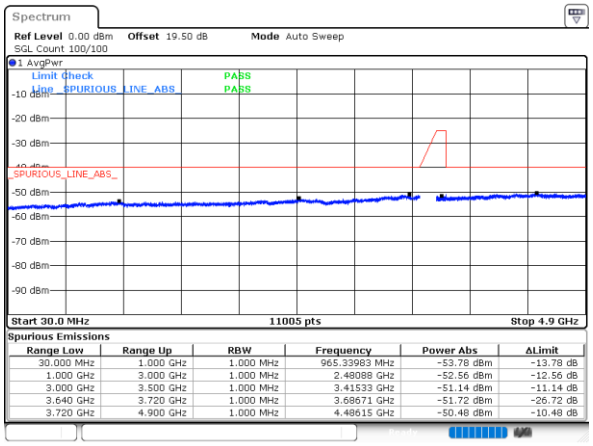
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.98383 GHz	-53.10 dBm	-13.10 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.88976 GHz	-53.45 dBm	-13.45 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.79889 GHz	-49.80 dBm	-9.80 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98925 GHz	-49.84 dBm	-9.84 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.08631 GHz	-46.43 dBm	-6.43 dB

Date: 27.NOV.2023 20:26:03

LTE Band 48C / 20MHz+15MHz

QPSK

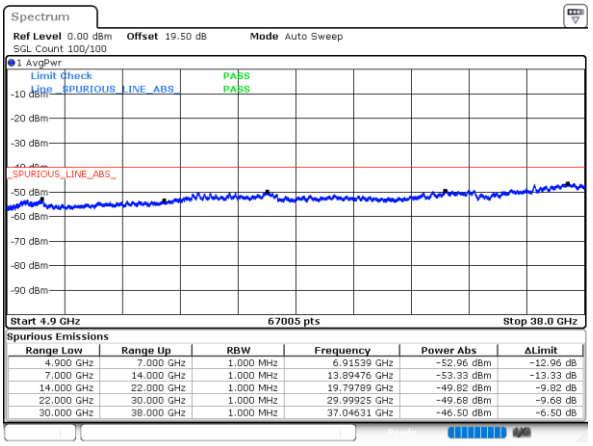
Lowest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-53.78 dBm	-13.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48088 GHz	-52.56 dBm	-12.56 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.41533 GHz	-51.14 dBm	-11.14 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.68671 GHz	-51.72 dBm	-26.72 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.48615 GHz	-50.48 dBm	-10.48 dB

Date: 24.NOV.2023 03:18:51

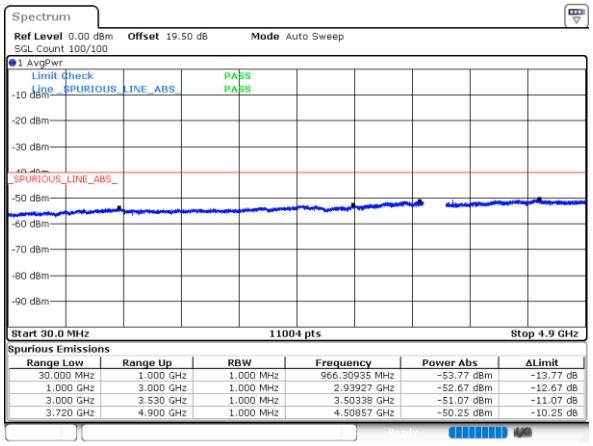


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.91539 GHz	-52.96 dBm	-12.96 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.89476 GHz	-53.33 dBm	-13.33 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.79789 GHz	-49.82 dBm	-9.82 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99925 GHz	-49.68 dBm	-9.68 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.04631 GHz	-46.50 dBm	-6.50 dB

Date: 27.NOV.2023 20:33:09

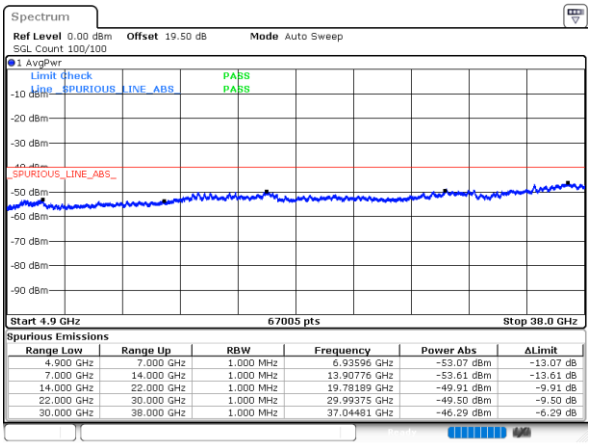
Middle Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-53.77 dBm	-13.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.93927 GHz	-52.67 dBm	-12.67 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.50338 GHz	-51.07 dBm	-11.07 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.50857 GHz	-50.25 dBm	-10.25 dB

Date: 24.NOV.2023 03:09:04

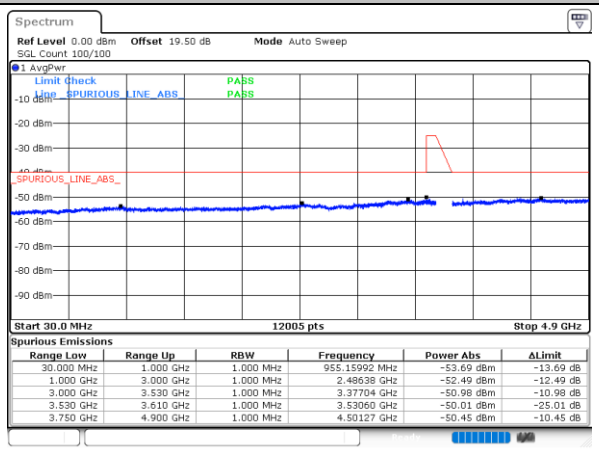


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.93596 GHz	-53.07 dBm	-13.07 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.90776 GHz	-53.61 dBm	-13.61 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.78189 GHz	-49.91 dBm	-9.91 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99375 GHz	-49.50 dBm	-9.50 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.04481 GHz	-46.29 dBm	-6.29 dB

Date: 27.NOV.2023 20:34:50

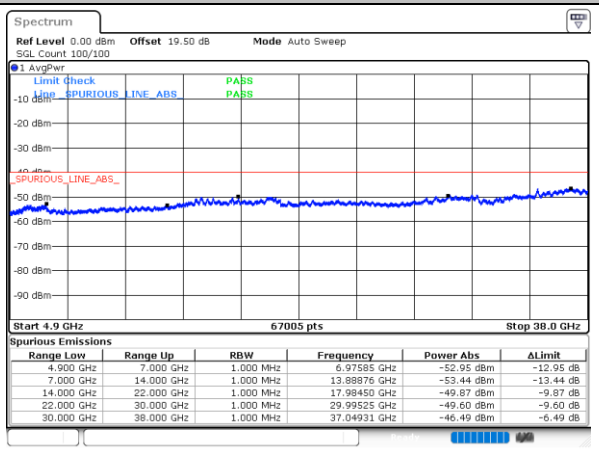
Highest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.15992 MHz	-53.69 dBm	-13.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48638 GHz	-52.49 dBm	-12.49 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.37704 GHz	-50.98 dBm	-10.98 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.53060 GHz	-50.01 dBm	-25.01 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.50127 GHz	-50.45 dBm	-10.45 dB

Date: 24.NOV.2023 03:28:38



Spurious Emissions

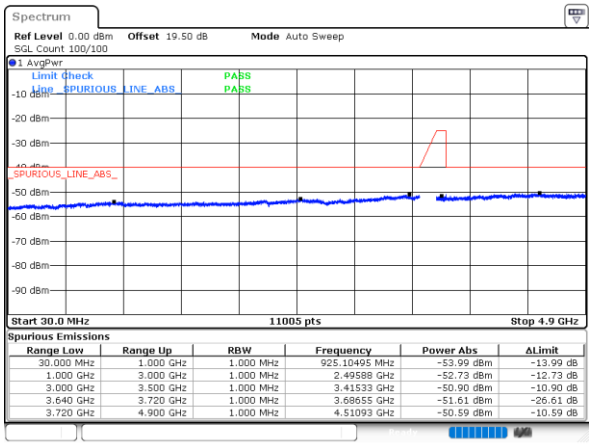
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.97585 GHz	-52.95 dBm	-12.95 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.88876 GHz	-53.44 dBm	-13.44 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.98450 GHz	-49.87 dBm	-9.87 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99525 GHz	-49.60 dBm	-9.60 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.04931 GHz	-46.49 dBm	-6.49 dB

Date: 27.NOV.2023 20:36:33

LTE Band 48C / 20MHz+20MHz

QPSK

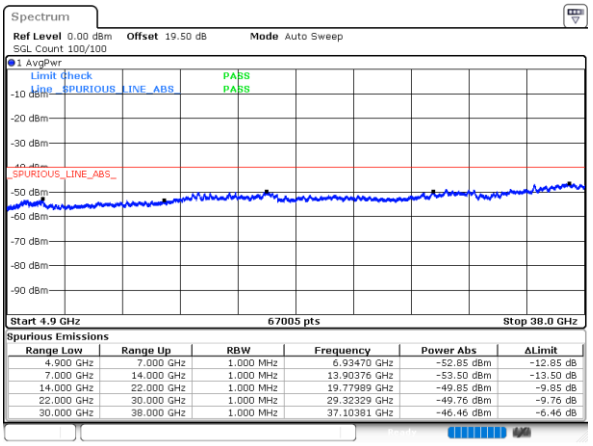
Lowest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-53.99 dBm	-13.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49588 GHz	-52.73 dBm	-12.73 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.41533 GHz	-50.90 dBm	-10.90 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.68655 GHz	-51.61 dBm	-26.61 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.51093 GHz	-50.59 dBm	-10.59 dB

Date: 24.NOV.2023 00:15:48

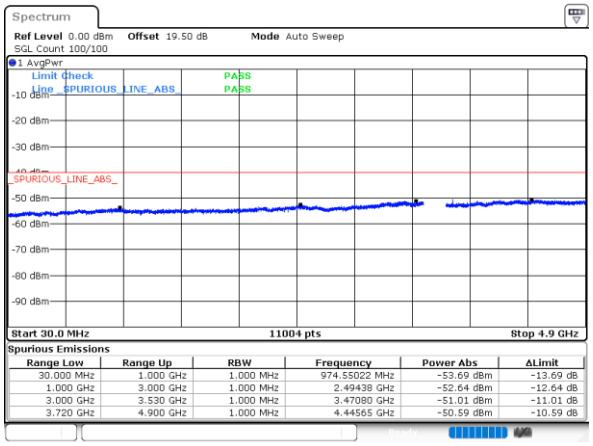


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.93470 GHz	-52.85 dBm	-12.85 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.90376 GHz	-53.50 dBm	-13.50 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.77989 GHz	-49.85 dBm	-9.85 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.32329 GHz	-49.76 dBm	-9.76 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.10381 GHz	-46.46 dBm	-6.46 dB

Date: 27.NOV.2023 20:38:11

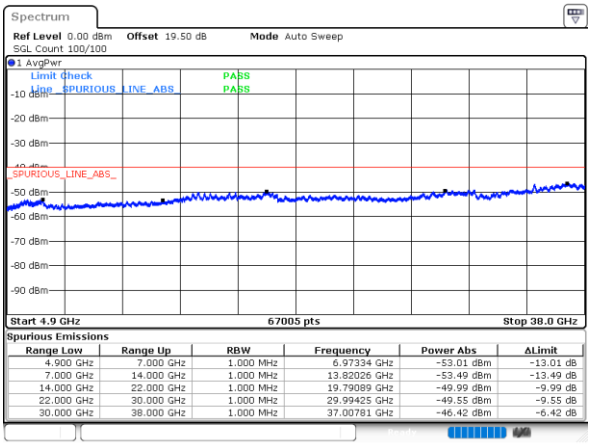
Middle Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-53.69 dBm	-13.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49438 GHz	-52.64 dBm	-12.64 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.47080 GHz	-51.01 dBm	-11.01 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.44565 GHz	-50.59 dBm	-10.59 dB

Date: 24.NOV.2023 00:07:12

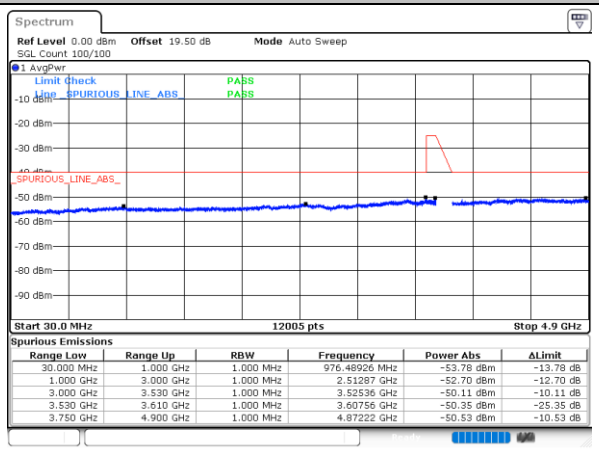


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.97334 GHz	-53.01 dBm	-13.01 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.82026 GHz	-53.49 dBm	-13.49 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.79089 GHz	-49.99 dBm	-9.99 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99425 GHz	-49.55 dBm	-9.55 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.00781 GHz	-46.42 dBm	-6.42 dB

Date: 27.NOV.2023 20:40:04

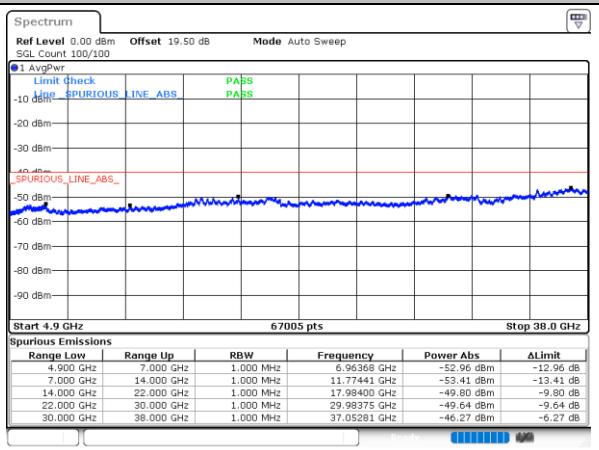
Highest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-53.78 dBm	-13.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51287 GHz	-52.70 dBm	-12.70 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52536 GHz	-50.11 dBm	-10.11 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60756 GHz	-50.35 dBm	-25.35 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.87222 GHz	-50.53 dBm	-10.53 dB

Date: 24.NOV.2023 00:16:58



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.96368 GHz	-52.96 dBm	-12.96 dB
7.000 GHz	14.000 GHz	1.000 MHz	11.77441 GHz	-53.41 dBm	-13.41 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.98400 GHz	-49.80 dBm	-9.80 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98375 GHz	-49.64 dBm	-9.64 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.05281 GHz	-46.27 dBm	-6.27 dB

Date: 27.NOV.2023 20:41:42

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

Sample 1:

LTE Band 48 / 20MHz / QPSK / Ant.8									
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	7232.00	-59.65	-40	-19.65	-56.36	-62.95	8.30	11.60	H
	10848.00	-52.93	-40	-12.93	-56.03	-54.45	10.48	12.00	H
	14464.00	-50.80	-40	-10.80	-58.16	-52.50	11.80	13.50	H
	7232.00	-59.77	-40	-19.77	-56.52	-63.07	8.30	11.60	V
	10848.00	-53.58	-40	-13.58	-56.44	-55.10	10.48	12.00	V
	14464.00	-50.94	-40	-10.94	-58.09	-52.64	11.80	13.50	V

LTE Band 48B / 10+10MHz / QPSK Ant8									
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	7285.90	-60.08	-40	-20.08	-57.02	-63.38	8.30	11.60	H
	10928.85	-54.25	-40	-14.25	-57.81	-55.77	10.48	12.00	H
	14571.80	-51.16	-40	-11.16	-58.41	-52.86	11.80	13.50	H
	7285.90	-59.77	-40	-19.77	-56.76	-63.07	8.30	11.60	V
	10928.85	-54.38	-40	-14.38	-57.65	-55.90	10.48	12.00	V
	14571.80	-51.64	-40	-11.64	-58.79	-53.34	11.80	13.50	V

LTE Band 48C / 20+20MHz / QPSK Ant8									
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	7232.00	-59.66	-40	-19.66	-56.37	-62.96	8.30	11.60	H
	10848.00	-54.22	-40	-14.22	-57.32	-55.74	10.48	12.00	H
	14464.00	-50.31	-40	-10.31	-57.67	-52.01	11.80	13.50	H
	7232.00	-59.62	-40	-19.62	-56.37	-62.92	8.30	11.60	V
	10848.00	-54.51	-40	-14.51	-57.37	-56.03	10.48	12.00	V
	14464.00	-50.59	-40	-10.59	-57.74	-52.29	11.80	13.50	V

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

Sample 2

LTE Band 48 / 20MHz / QPSK / Ant.8									
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	7232.00	-58.47	-40	-18.47	-55.18	-61.77	8.30	11.60	H
	10848.00	-53.49	-40	-13.49	-56.59	-55.01	10.48	12.00	H
	14464.00	-50.89	-40	-10.89	-58.25	-52.59	11.80	13.50	H
	7232.00	-59.58	-40	-19.58	-56.33	-62.88	8.30	11.60	V
	10848.00	-54.69	-40	-14.69	-57.55	-56.21	10.48	12.00	V
	14464.00	-51.11	-40	-11.11	-58.26	-52.81	11.80	13.50	V

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