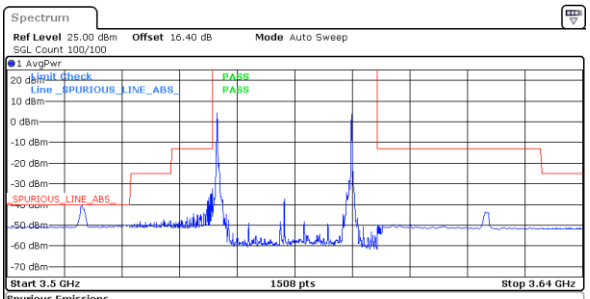
LTE Band 48C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

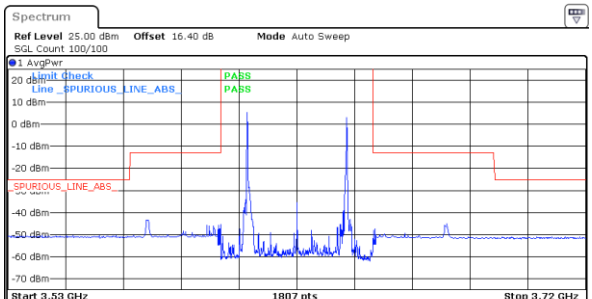


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51827 GHz	-40.42 dBm	-0.42 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53817 GHz	-47.26 dBm	-22.26 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-38.25 dBm	-25.25 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54995 GHz	-32.27 dBm	-19.27 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.55107 GHz	4.33 dBm	-25.67 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59045 GHz	-49.97 dBm	-36.97 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.61629 GHz	-43.66 dBm	-30.66 dB
3.630 GHz	3.640 GHz	1.000 MHz	3.63698 GHz	-51.35 dBm	-26.35 dB

Date: 27.DEC.2022 13:47:01

Middle Band Edge / 1RB0 and 1RB74

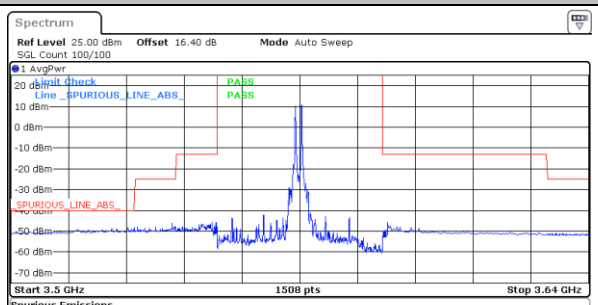


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.570 GHz	1.000 MHz	3.56552 GHz	-50.46 dBm	-25.46 dB
3.570 GHz	3.599 GHz	1.000 MHz	3.57617 GHz	-43.30 dBm	-30.30 dB
3.599 GHz	3.600 GHz	500.000 kHz	3.60000 GHz	-45.57 dBm	-32.57 dB
3.600 GHz	3.650 GHz	100.000 kHz	3.60872 GHz	5.34 dBm	-24.66 dB
3.650 GHz	3.651 GHz	500.000 kHz	3.65065 GHz	-47.52 dBm	-34.52 dB
3.651 GHz	3.690 GHz	1.000 MHz	3.67436 GHz	-45.15 dBm	-32.15 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.69575 GHz	-50.97 dBm	-25.97 dB

Date: 27.DEC.2022 11:37:05

Lowest Band Edge / 1RB99 and 1RB0

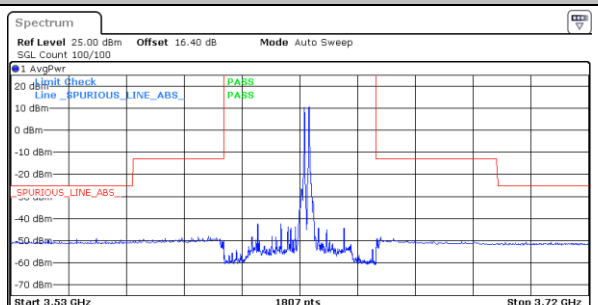


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52837 GHz	-48.21 dBm	-8.21 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53896 GHz	-46.21 dBm	-21.21 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-45.95 dBm	-32.95 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54983 GHz	-45.79 dBm	-32.79 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.57040 GHz	10.47 dBm	-19.53 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59094 GHz	-49.38 dBm	-36.38 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59119 GHz	-45.80 dBm	-32.80 dB
3.630 GHz	3.640 GHz	1.000 MHz	3.63104 GHz	-51.00 dBm	-26.00 dB

Date: 23.DEC.2022 22:15:23

Middle Band Edge / 1RB99 and 1RB0

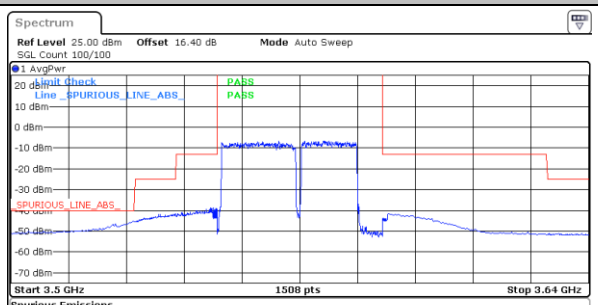


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.570 GHz	1.000 MHz	3.55816 GHz	-49.00 dBm	-24.00 dB
3.570 GHz	3.599 GHz	1.000 MHz	3.59484 GHz	-47.94 dBm	-34.94 dB
3.599 GHz	3.600 GHz	500.000 kHz	3.59993 GHz	-50.47 dBm	-37.47 dB
3.600 GHz	3.650 GHz	100.000 kHz	3.62805 GHz	10.77 dBm	-19.23 dB
3.650 GHz	3.651 GHz	500.000 kHz	3.65041 GHz	-48.97 dBm	-35.97 dB
3.651 GHz	3.690 GHz	1.000 MHz	3.65158 GHz	-48.41 dBm	-35.41 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.69933 GHz	-50.70 dBm	-25.70 dB

Date: 23.DEC.2022 22:18:53

Lowest Band Edge / Full RB

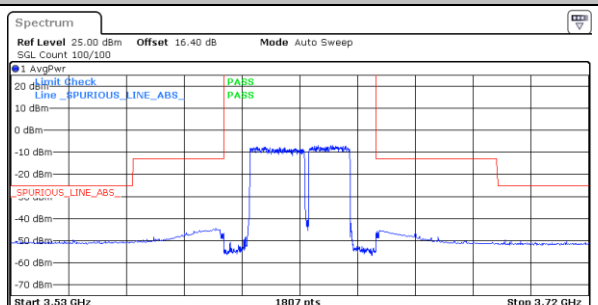


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52955 GHz	-44.96 dBm	-4.96 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-41.43 dBm	-16.43 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54842 GHz	-38.81 dBm	-25.81 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54903 GHz	-38.60 dBm	-25.60 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.57564 GHz	-6.58 dBm	-36.58 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59023 GHz	-43.52 dBm	-30.52 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59158 GHz	-41.51 dBm	-28.51 dB
3.630 GHz	3.640 GHz	1.000 MHz	3.63272 GHz	-51.07 dBm	-26.07 dB

Date: 23.DEC.2022 22:13:07

Middle Band Edge / Full RB

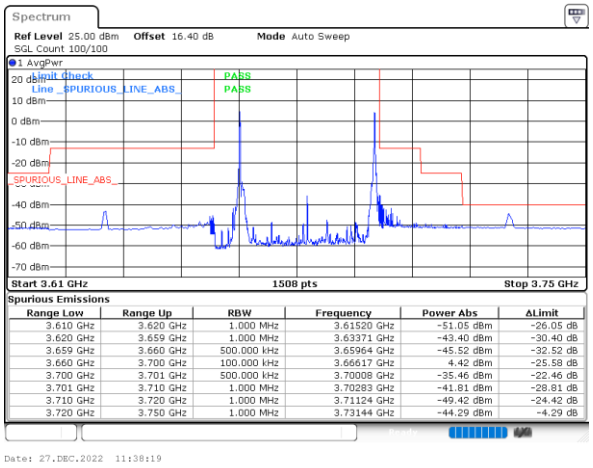


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.570 GHz	1.000 MHz	3.55060 GHz	-49.69 dBm	-24.69 dB
3.570 GHz	3.599 GHz	1.000 MHz	3.59742 GHz	-44.29 dBm	-31.29 dB
3.599 GHz	3.600 GHz	500.000 kHz	3.59989 GHz	-46.64 dBm	-33.64 dB
3.600 GHz	3.650 GHz	100.000 kHz	3.63589 GHz	-6.77 dBm	-36.77 dB
3.650 GHz	3.651 GHz	500.000 kHz	3.65038 GHz	-45.80 dBm	-32.80 dB
3.651 GHz	3.690 GHz	1.000 MHz	3.65119 GHz	-45.58 dBm	-32.58 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.69261 GHz	-49.64 dBm	-24.64 dB

Date: 23.DEC.2022 22:16:38

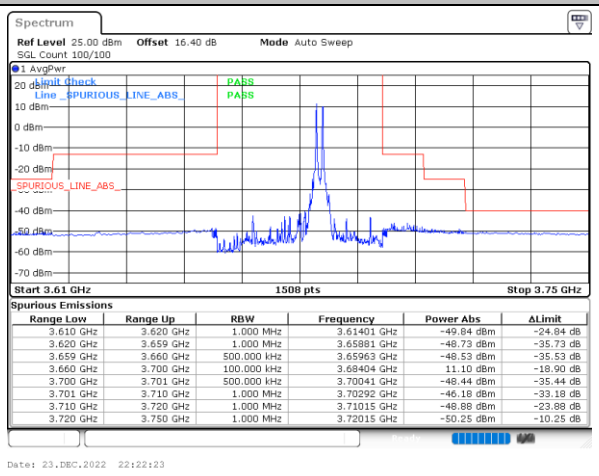
LTE Band 48C / 20MHz+15MHz	
256QAM	
Highest Band Edge / 1RB0 and 1RB74	N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.610 GHz	3.620 GHz	1.000 MHz	3.61520 GHz	-51.05 dBm	-26.05 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.63371 GHz	-43.40 dBm	-30.40 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65964 GHz	-45.52 dBm	-32.52 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.66617 GHz	4.42 dBm	-25.58 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70008 GHz	-35.46 dBm	-22.46 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70283 GHz	-41.81 dBm	-28.81 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71124 GHz	-49.42 dBm	-24.42 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73144 GHz	-44.29 dBm	-4.29 dB

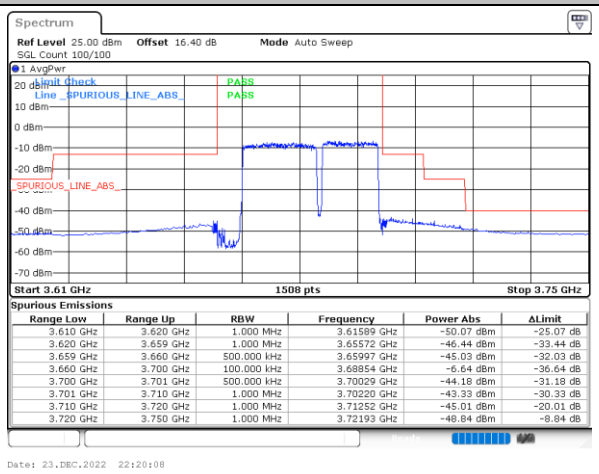
Highest Band Edge / 1RB99 and 1RB0	N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.610 GHz	3.620 GHz	1.000 MHz	3.61401 GHz	-49.84 dBm	-24.84 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.65881 GHz	-48.73 dBm	-35.73 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65963 GHz	-48.53 dBm	-35.53 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.68404 GHz	11.10 dBm	-18.90 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70041 GHz	-48.44 dBm	-35.44 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70292 GHz	-46.18 dBm	-33.18 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-48.88 dBm	-23.88 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-50.25 dBm	-10.25 dB

Highest Band Edge / Full RB	N/A



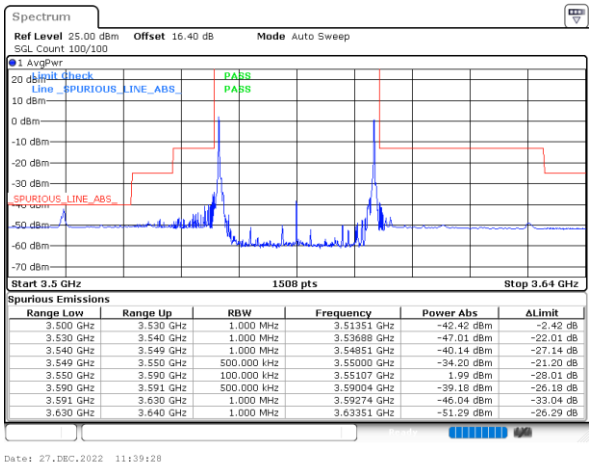
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.610 GHz	3.620 GHz	1.000 MHz	3.61589 GHz	-50.07 dBm	-25.07 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.65572 GHz	-46.44 dBm	-33.44 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65997 GHz	-45.03 dBm	-32.03 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.68854 GHz	-6.64 dBm	-36.64 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70029 GHz	-44.18 dBm	-31.18 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70220 GHz	-43.33 dBm	-30.33 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71252 GHz	-45.01 dBm	-20.01 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72193 GHz	-48.84 dBm	-8.84 dB

LTE Band 48C / 20MHz+20MHz

256QAM

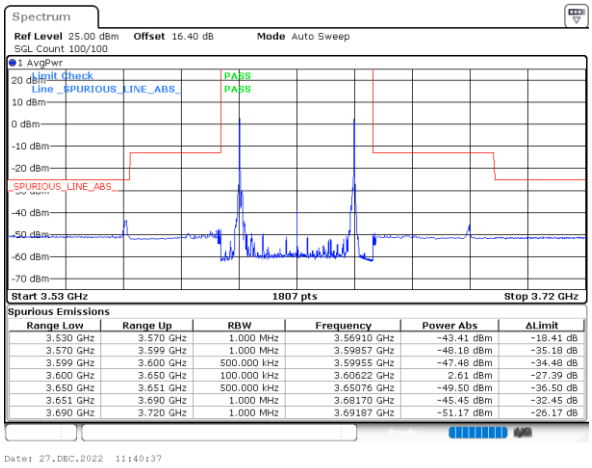
Lowest Band Edge / 1RB0 and 1RB99



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51351 GHz	-42.42 dBm	-2.42 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53688 GHz	-47.01 dBm	-22.01 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54851 GHz	-40.14 dBm	-27.14 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.55000 GHz	-34.20 dBm	-21.20 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.55107 GHz	1.99 dBm	-28.01 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59004 GHz	-39.18 dBm	-26.18 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59274 GHz	-46.04 dBm	-33.04 dB
3.630 GHz	3.640 GHz	1.000 MHz	3.63351 GHz	-51.29 dBm	-26.29 dB

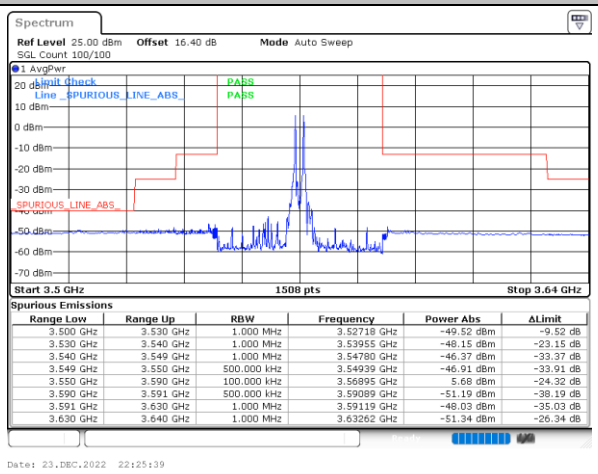
Middle Band Edge / 1RB0 and 1RB99



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.570 GHz	1.000 MHz	3.56910 GHz	-43.41 dBm	-18.41 dB
3.570 GHz	3.599 GHz	1.000 MHz	3.59857 GHz	-48.18 dBm	-35.18 dB
3.599 GHz	3.600 GHz	500.000 kHz	3.59955 GHz	-47.48 dBm	-34.48 dB
3.600 GHz	3.650 GHz	100.000 kHz	3.60622 GHz	2.61 dBm	-27.39 dB
3.650 GHz	3.651 GHz	500.000 kHz	3.65076 GHz	-49.50 dBm	-36.50 dB
3.651 GHz	3.690 GHz	1.000 MHz	3.68170 GHz	-45.45 dBm	-32.45 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.69187 GHz	-51.17 dBm	-26.17 dB

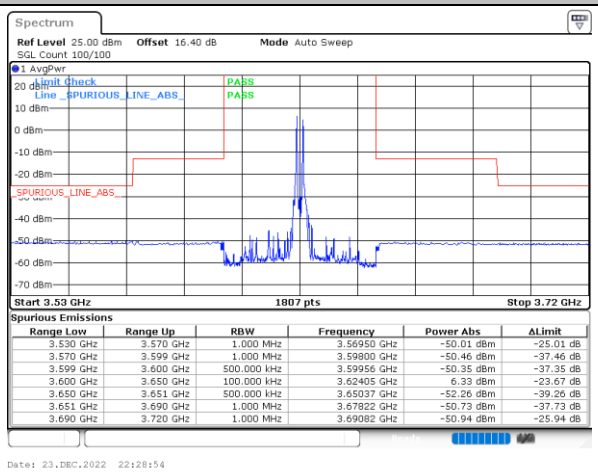
Lowest Band Edge / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52718 GHz	-49.52 dBm	-9.52 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53955 GHz	-48.15 dBm	-23.15 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54780 GHz	-46.37 dBm	-33.37 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54939 GHz	-46.91 dBm	-33.91 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.56895 GHz	5.68 dBm	-24.32 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59089 GHz	-51.19 dBm	-38.19 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59119 GHz	-48.03 dBm	-35.03 dB
3.630 GHz	3.640 GHz	1.000 MHz	3.63262 GHz	-51.34 dBm	-26.34 dB

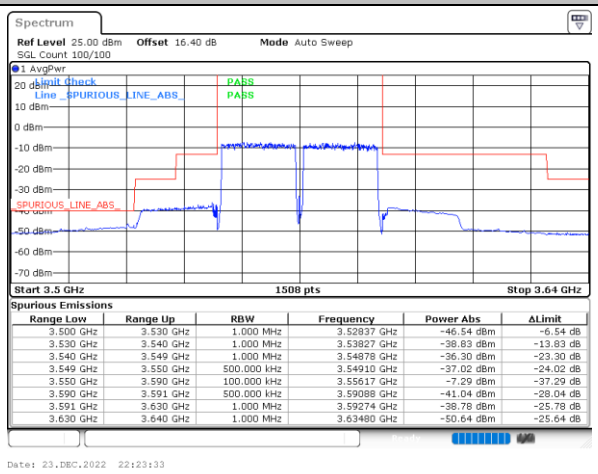
Middle Band Edge / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.570 GHz	1.000 MHz	3.56950 GHz	-50.01 dBm	-25.01 dB
3.570 GHz	3.599 GHz	1.000 MHz	3.59800 GHz	-50.46 dBm	-37.46 dB
3.599 GHz	3.600 GHz	500.000 kHz	3.59956 GHz	-50.35 dBm	-37.35 dB
3.600 GHz	3.650 GHz	100.000 kHz	3.62405 GHz	6.33 dBm	-23.67 dB
3.650 GHz	3.651 GHz	500.000 kHz	3.65037 GHz	-52.26 dBm	-39.26 dB
3.651 GHz	3.690 GHz	1.000 MHz	3.67822 GHz	-50.73 dBm	-37.73 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.69082 GHz	-50.94 dBm	-25.94 dB

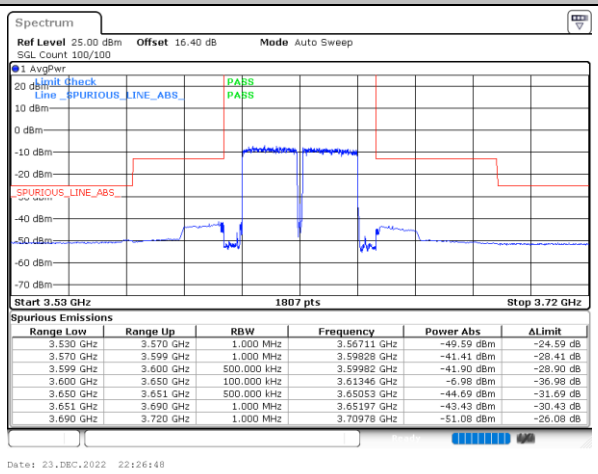
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52837 GHz	-46.54 dBm	-6.54 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53827 GHz	-38.83 dBm	-13.83 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-36.30 dBm	-23.30 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54910 GHz	-37.02 dBm	-24.02 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.55617 GHz	-7.29 dBm	-37.29 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59088 GHz	-41.04 dBm	-28.04 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59274 GHz	-38.78 dBm	-25.78 dB
3.630 GHz	3.640 GHz	1.000 MHz	3.63480 GHz	-50.64 dBm	-25.64 dB

Middle Band Edge / Full RB



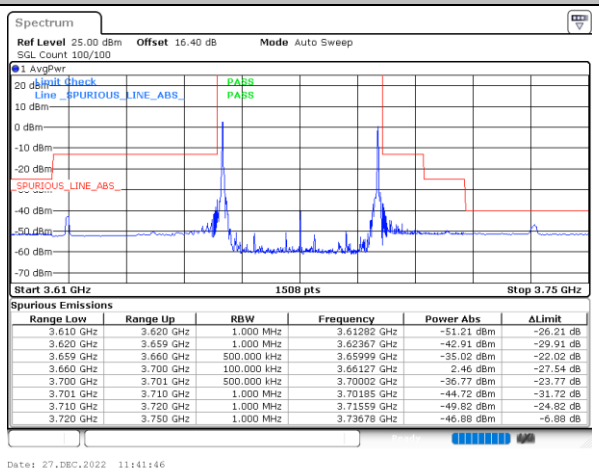
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.570 GHz	1.000 MHz	3.56711 GHz	-49.59 dBm	-24.59 dB
3.570 GHz	3.599 GHz	1.000 MHz	3.59828 GHz	-41.41 dBm	-28.41 dB
3.599 GHz	3.600 GHz	500.000 kHz	3.59982 GHz	-41.90 dBm	-28.90 dB
3.600 GHz	3.650 GHz	100.000 kHz	3.61346 GHz	-6.98 dBm	-36.98 dB
3.650 GHz	3.651 GHz	500.000 kHz	3.65053 GHz	-44.69 dBm	-31.69 dB
3.651 GHz	3.690 GHz	1.000 MHz	3.65197 GHz	-43.43 dBm	-30.43 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.70978 GHz	-51.08 dBm	-26.08 dB

LTE Band 48C / 20MHz+20MHz

256QAM

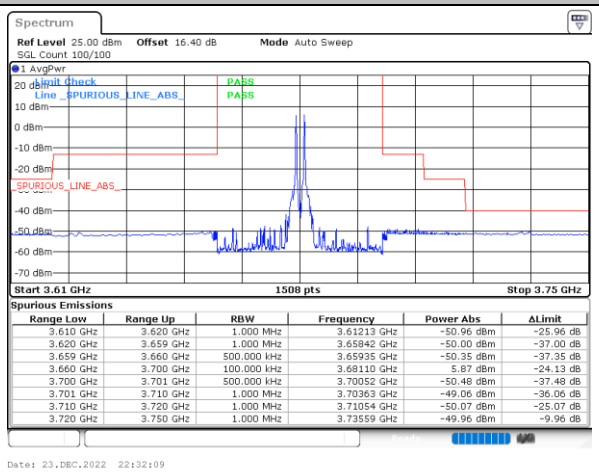
Highest Band Edge / 1RB0 and 1RB99	N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.610 GHz	3.620 GHz	1.000 MHz	3.61282 GHz	-51.21 dBm	-26.21 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.62367 GHz	-42.91 dBm	-29.91 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65999 GHz	-35.02 dBm	-22.02 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.66127 GHz	2.46 dBm	-27.54 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70002 GHz	-36.77 dBm	-23.77 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70185 GHz	-44.72 dBm	-31.72 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71559 GHz	-49.82 dBm	-24.82 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73678 GHz	-46.88 dBm	-6.88 dB

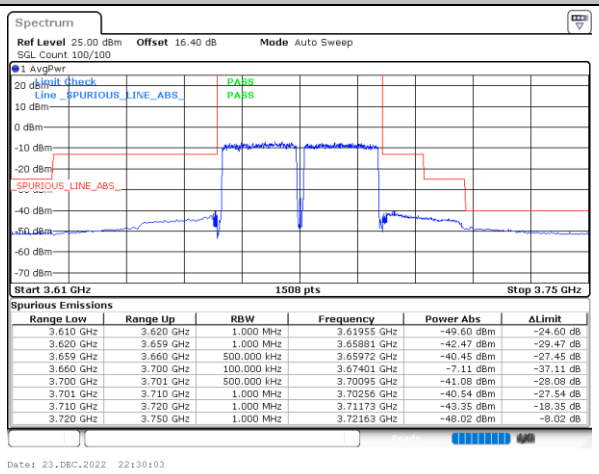
Highest Band Edge / 1RB99 and 1RB0	N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.610 GHz	3.620 GHz	1.000 MHz	3.61213 GHz	-50.96 dBm	-25.96 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.65842 GHz	-50.00 dBm	-37.00 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65935 GHz	-50.35 dBm	-37.35 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.68110 GHz	5.87 dBm	-24.13 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70052 GHz	-50.48 dBm	-37.48 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70363 GHz	-49.06 dBm	-36.06 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71054 GHz	-50.07 dBm	-25.07 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73559 GHz	-49.96 dBm	-9.96 dB

Highest Band Edge / Full RB	N/A



Spurious Emissions

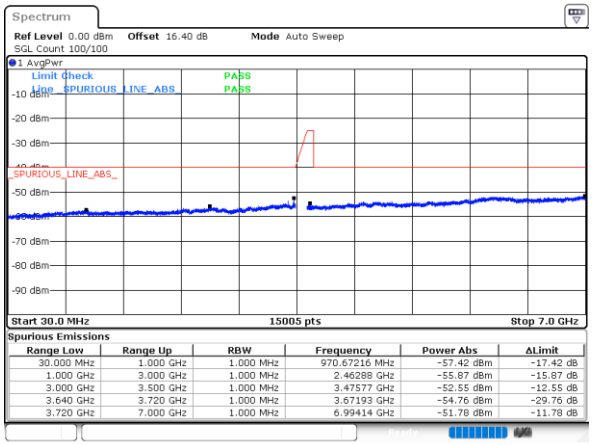
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.610 GHz	3.620 GHz	1.000 MHz	3.61955 GHz	-49.60 dBm	-24.60 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.65881 GHz	-42.47 dBm	-29.47 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65972 GHz	-40.45 dBm	-27.45 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.67401 GHz	-7.11 dBm	-37.11 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70095 GHz	-41.08 dBm	-28.08 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70256 GHz	-40.54 dBm	-27.54 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71173 GHz	-43.35 dBm	-18.35 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72163 GHz	-48.02 dBm	-8.02 dB

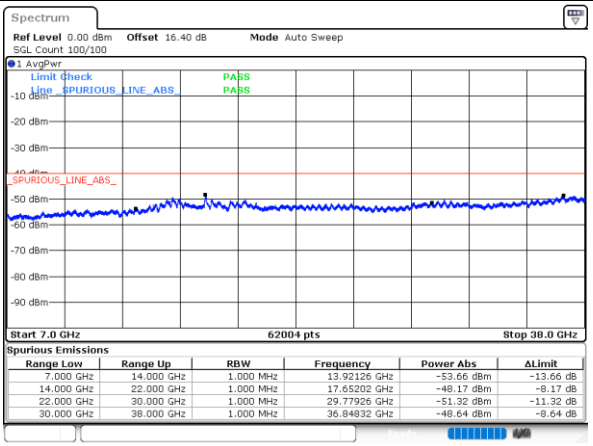
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

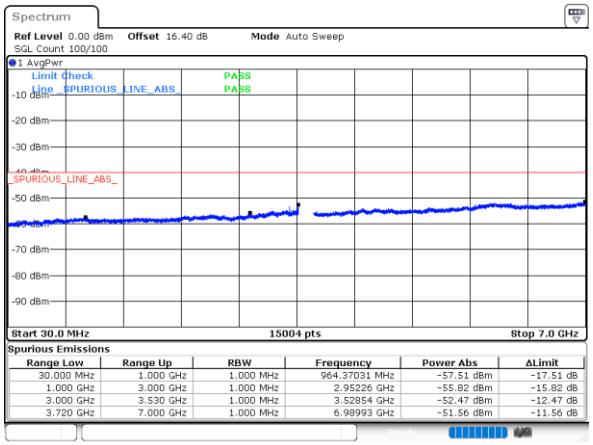
QPSK

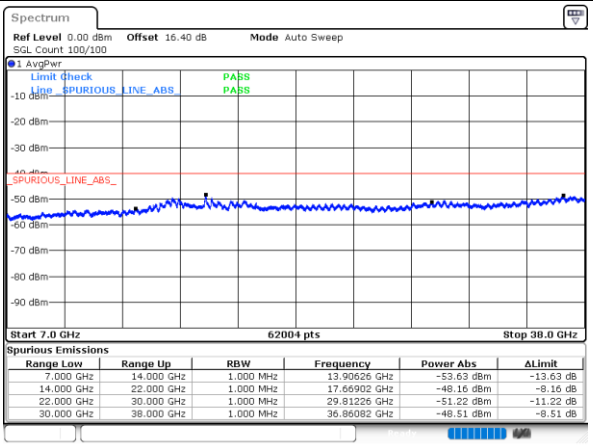
Lowest Channel / 1RB0 and 1RB99



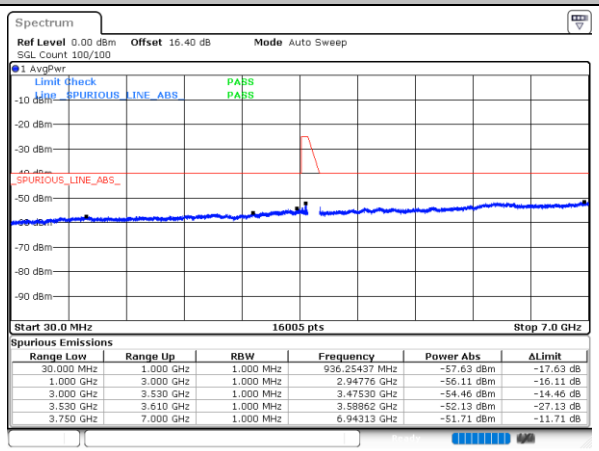


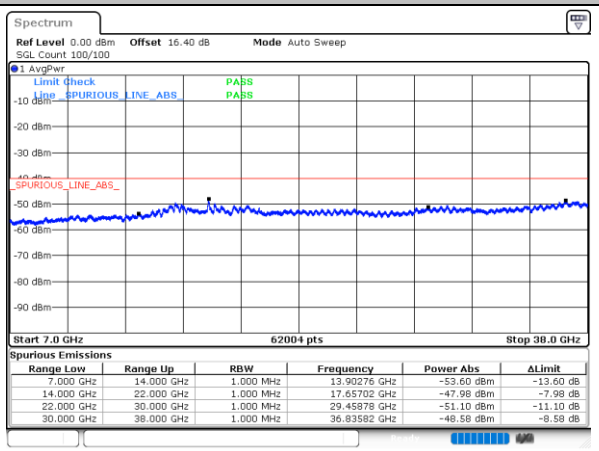
Middle Channel / 1RB0 and 1RB99





Highest Channel / 1RB0 and 1RB99

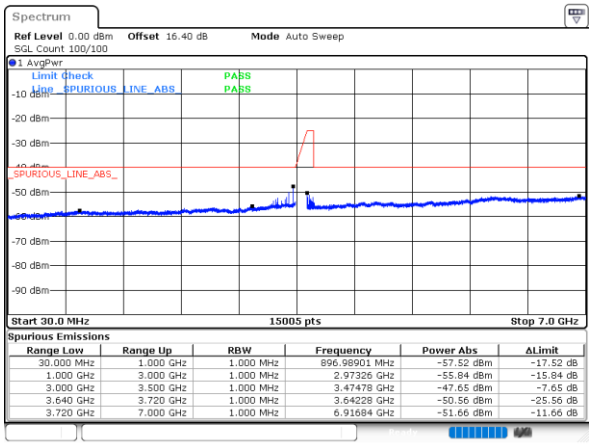


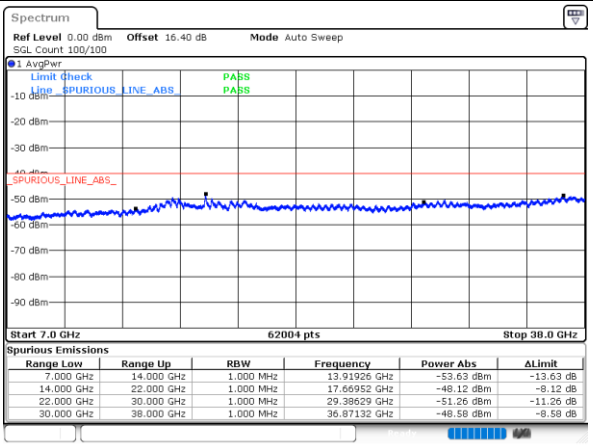


LTE Band 48C / 5MHz+20MHz

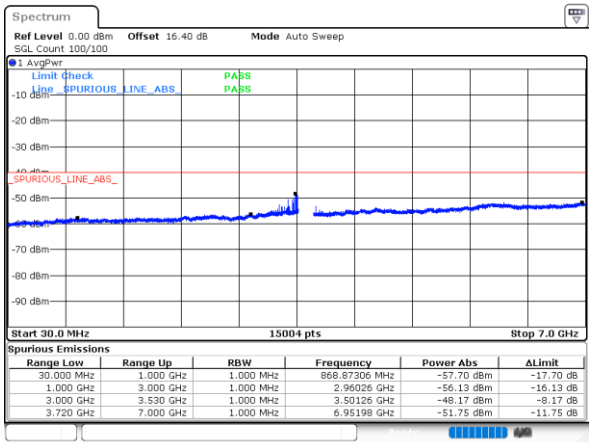
QPSK

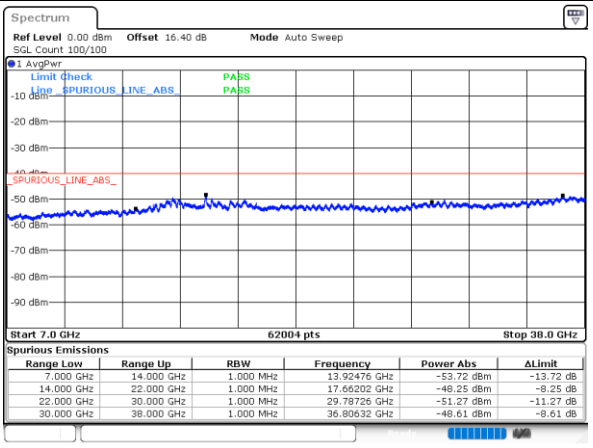
Lowest Channel / 1RB24 and 1RB0



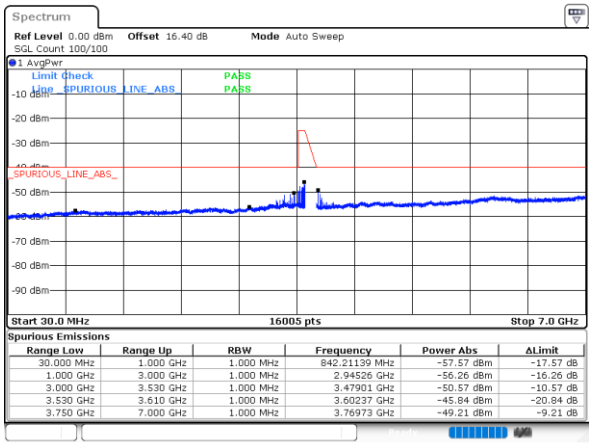


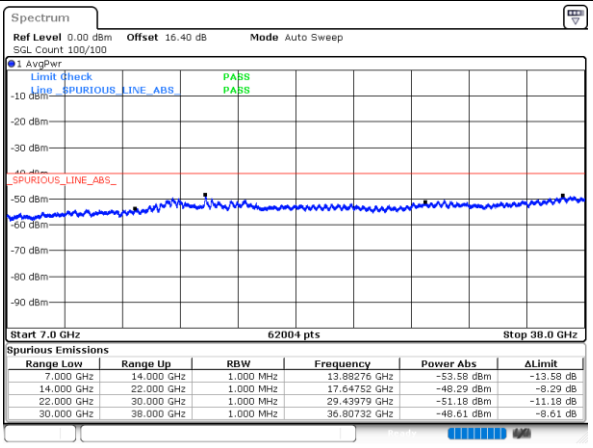
Middle Channel / 1RB24 and 1RB0





Highest Channel / 1RB24 and 1RB0

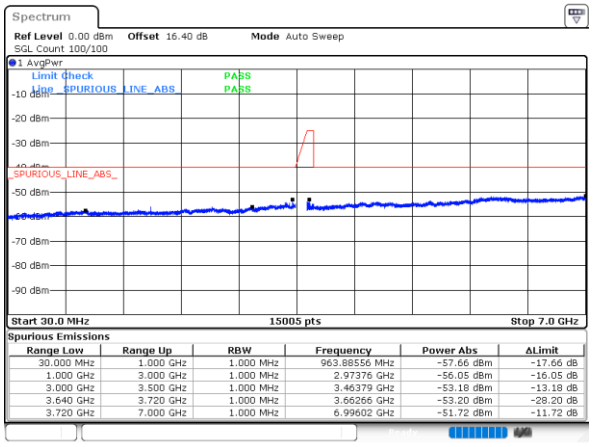


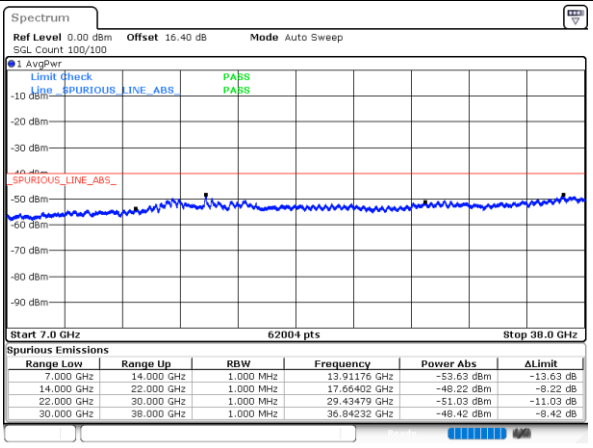


LTE Band 48C / 10MHz+20MHz

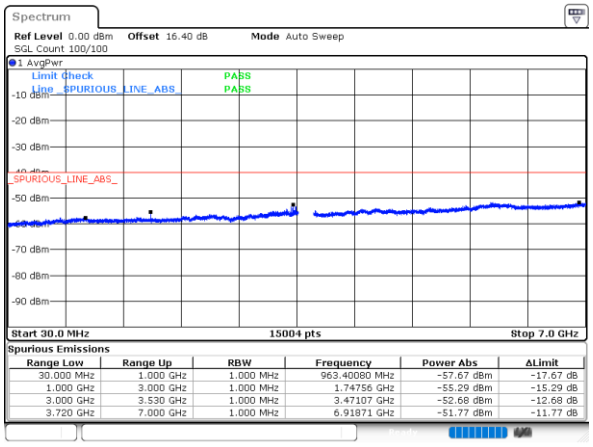
QPSK

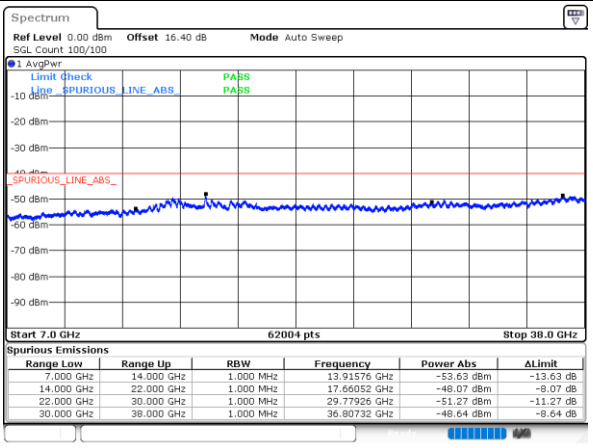
Lowest Channel / 1RB0 and 1RB99



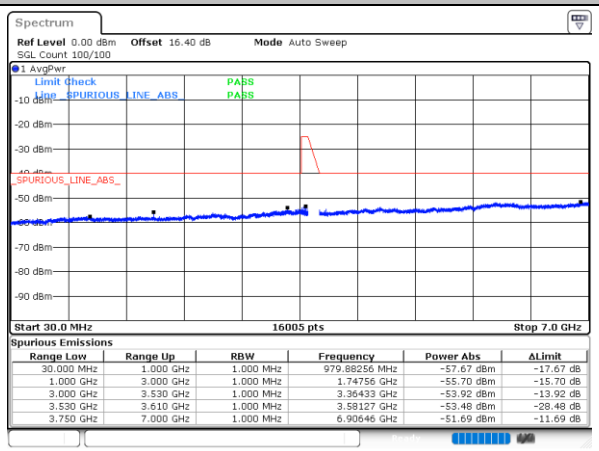


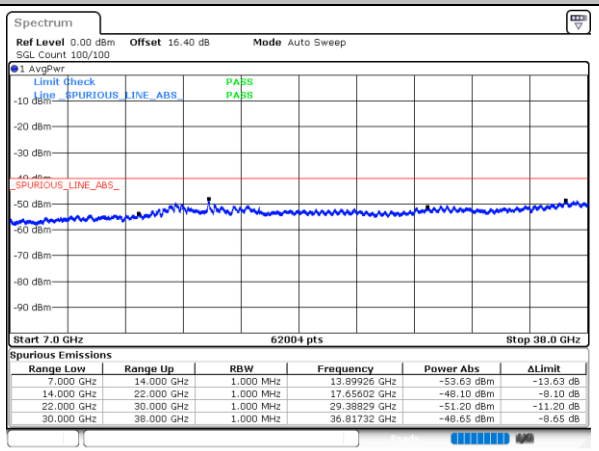
Middle Channel / 1RB0 and 1RB99





Highest Channel / 1RB0 and 1RB99

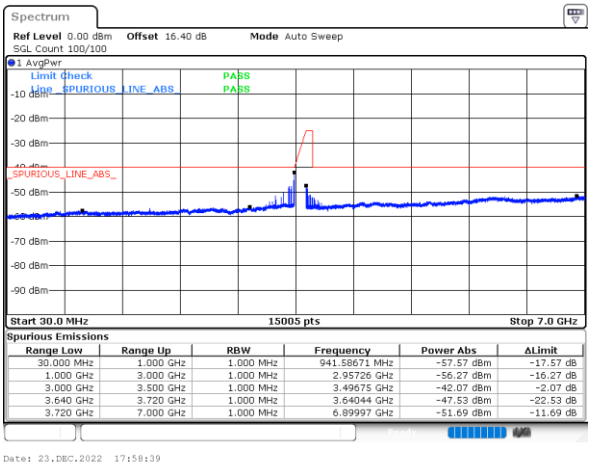


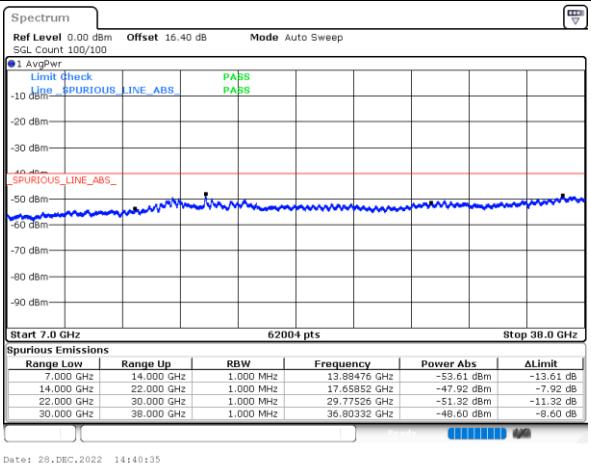


LTE Band 48C / 10MHz+20MHz

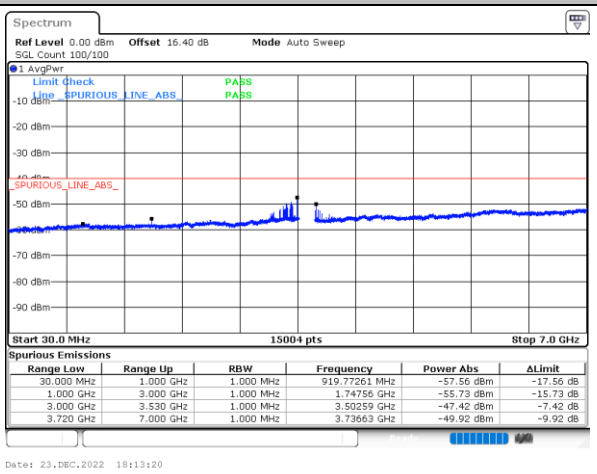
QPSK

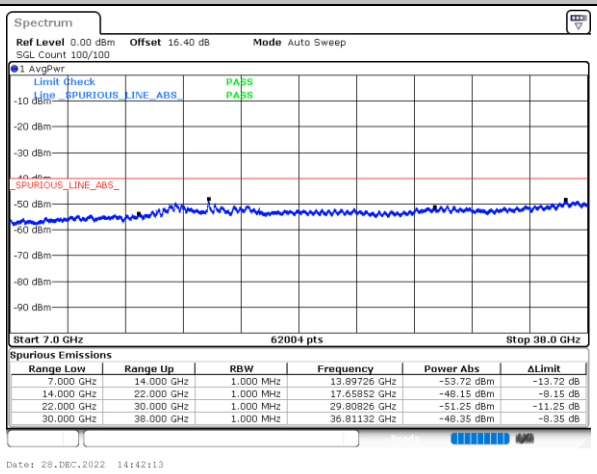
Lowest Channel / 1RB49 and 1RB0



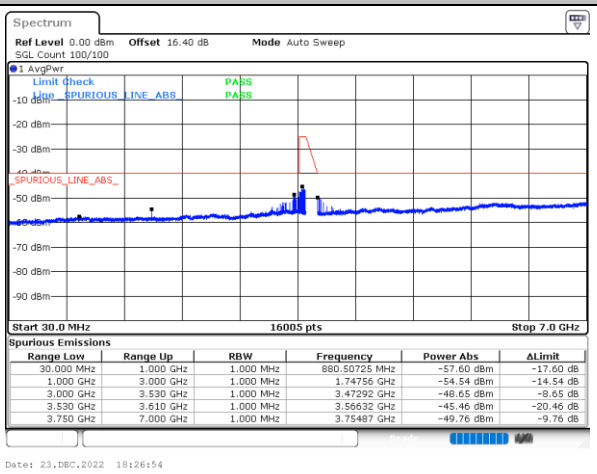


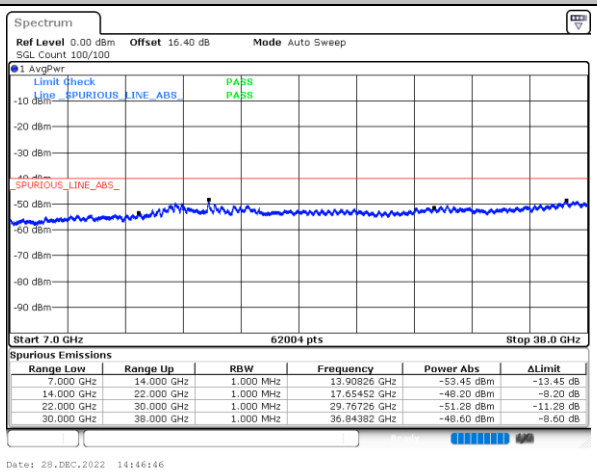
Middle Channel / 1RB49 and 1RB0





Highest Channel / 1RB49 and 1RB0

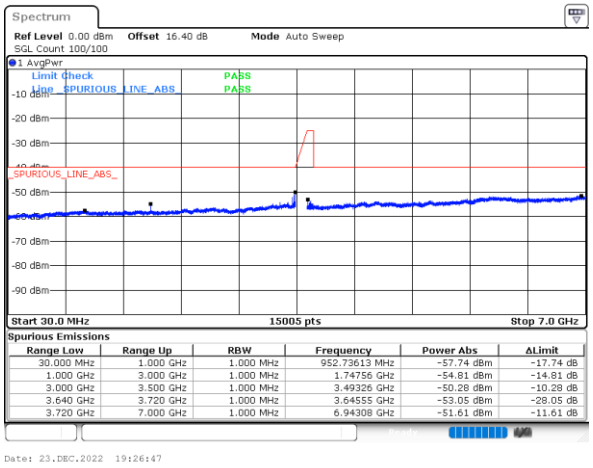


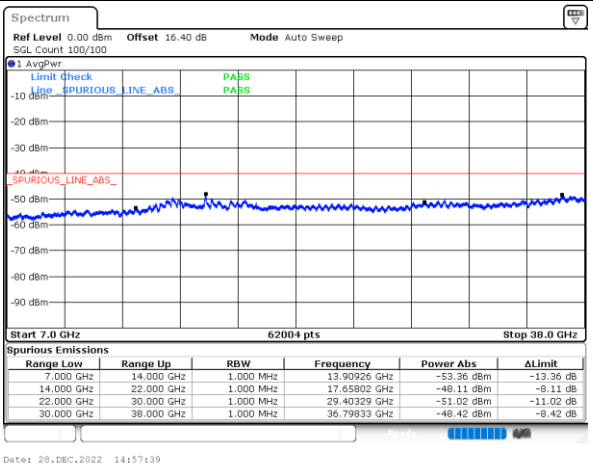


LTE Band 48C / 15MHz+20MHz

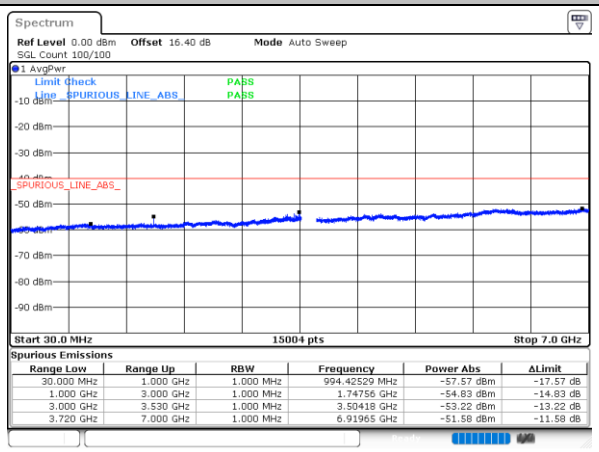
QPSK

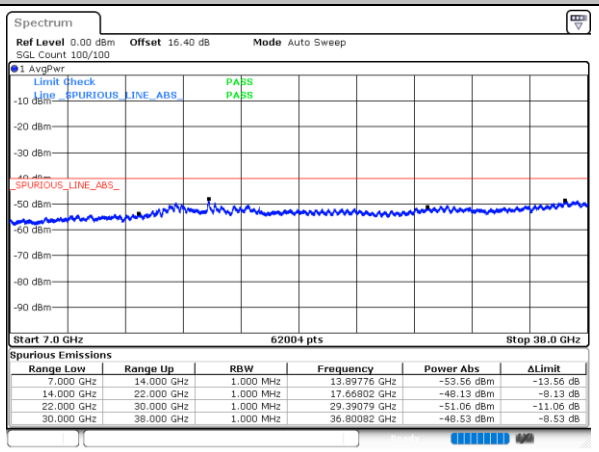
Lowest Channel / 1RB0 and 1RB99



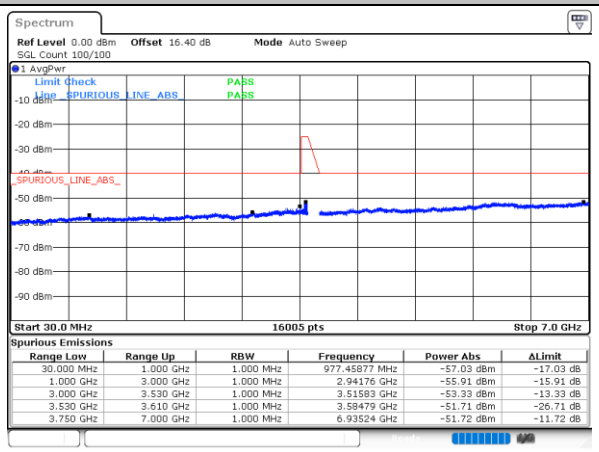


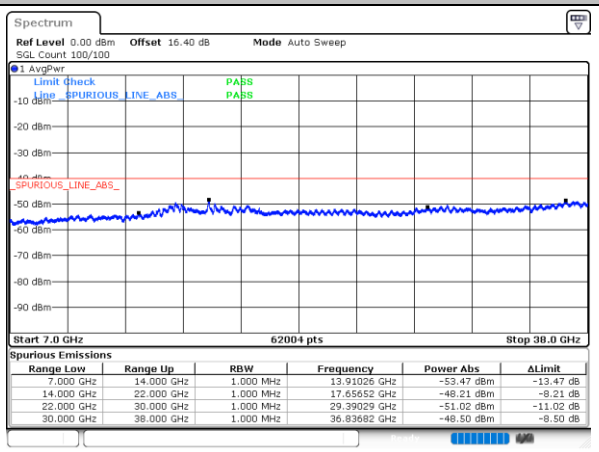
Middle Channel / 1RB0 and 1RB99





Highest Channel / 1RB0 and 1RB99

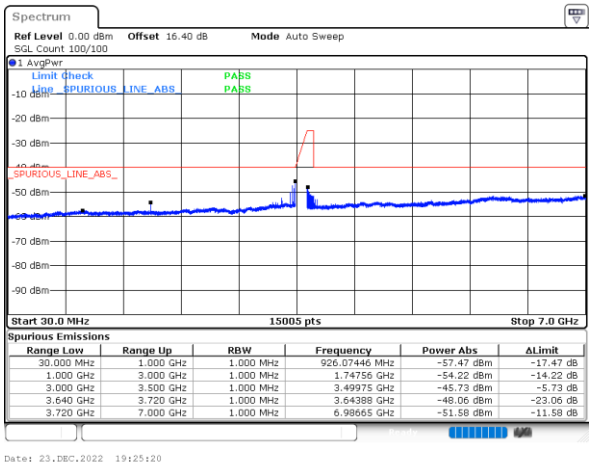


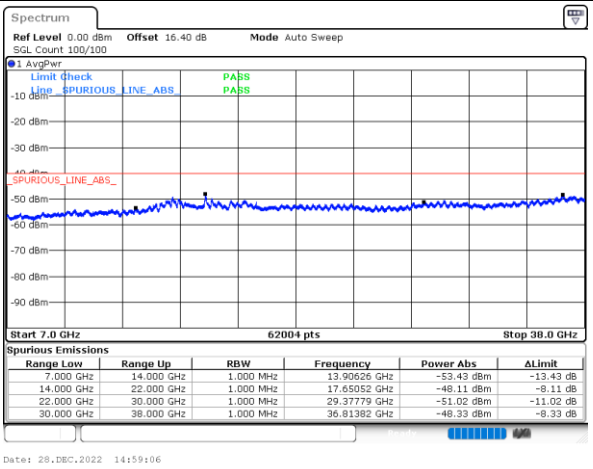


LTE Band 48C / 15MHz+20MHz

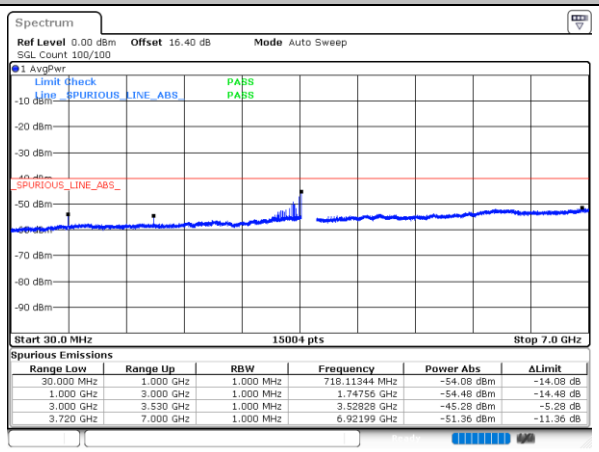
QPSK

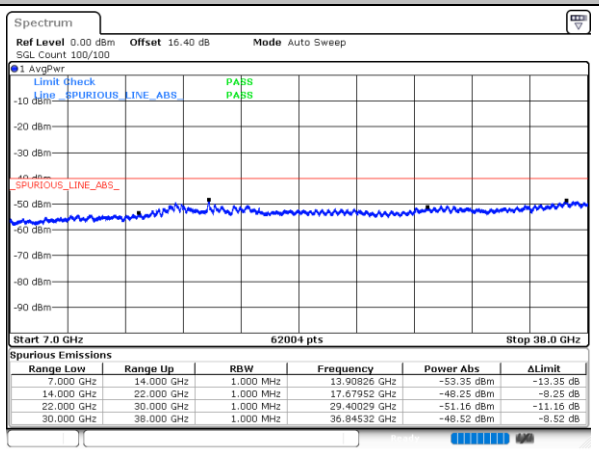
Lowest Channel / 1RB74 and 1RB0



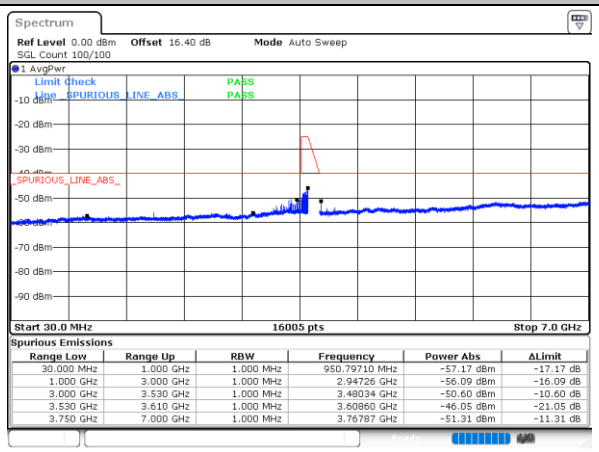


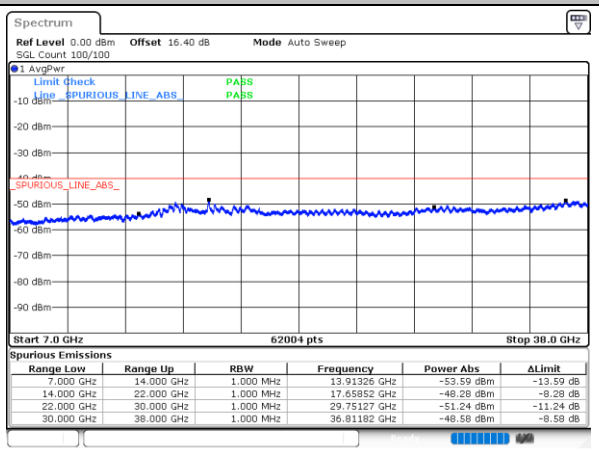
Middle Channel / 1RB74 and 1RB0





Highest Channel / 1RB74 and 1RB0

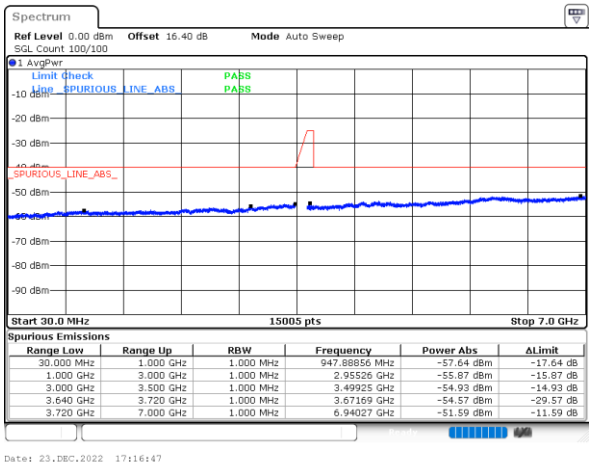


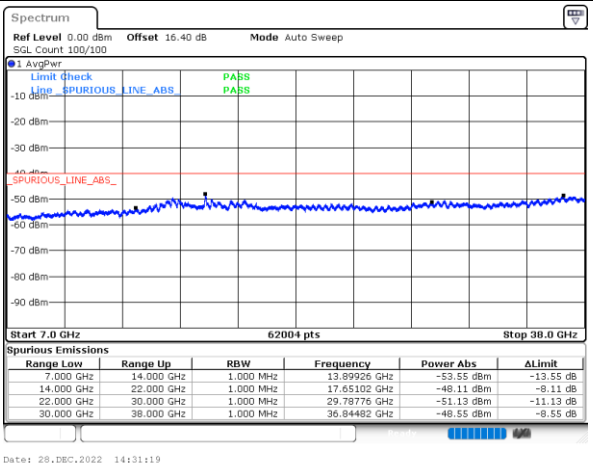


LTE Band 48C / 20MHz+5MHz

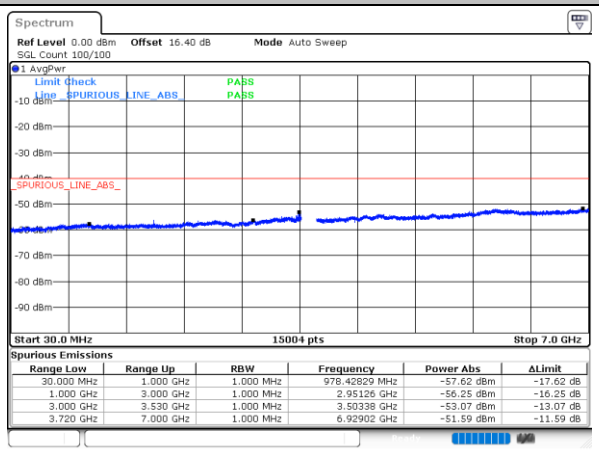
QPSK

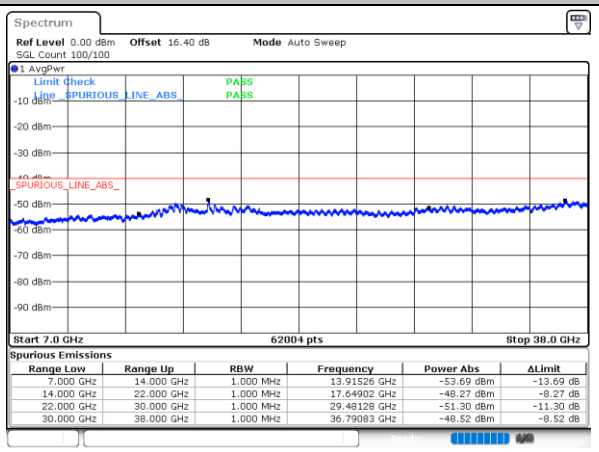
Lowest Channel / 1RB0 and 1RB24



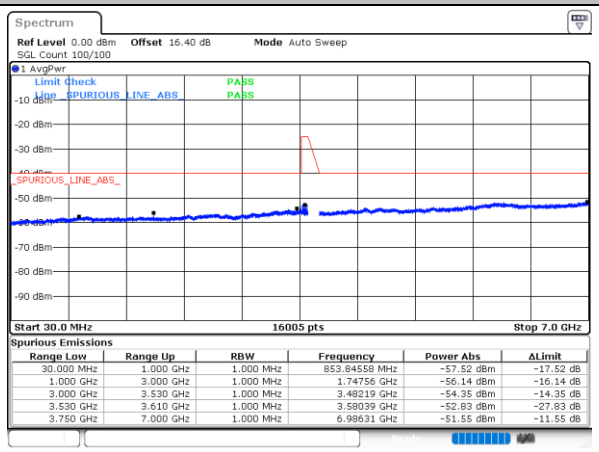


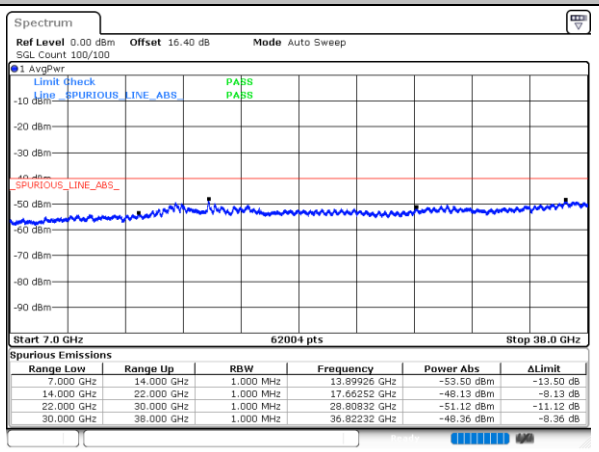
Middle Channel / 1RB0 and 1RB24





Highest Channel / 1RB0 and 1RB24

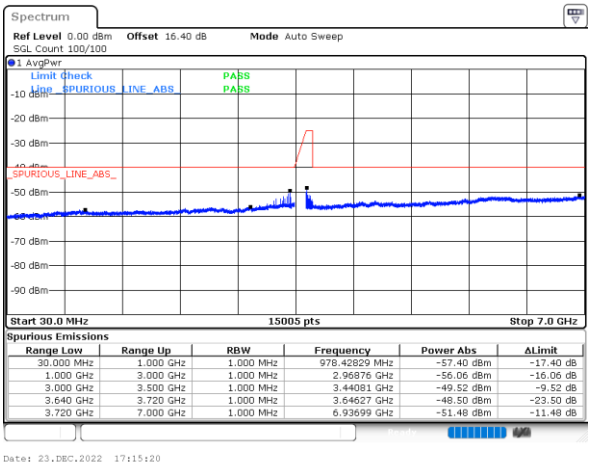


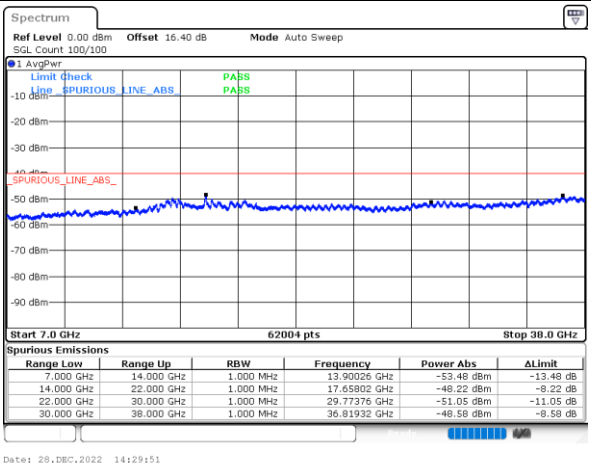


LTE Band 48C / 20MHz+5MHz

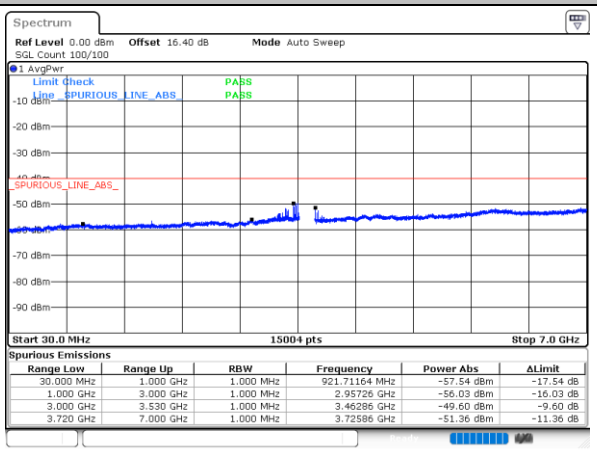
QPSK

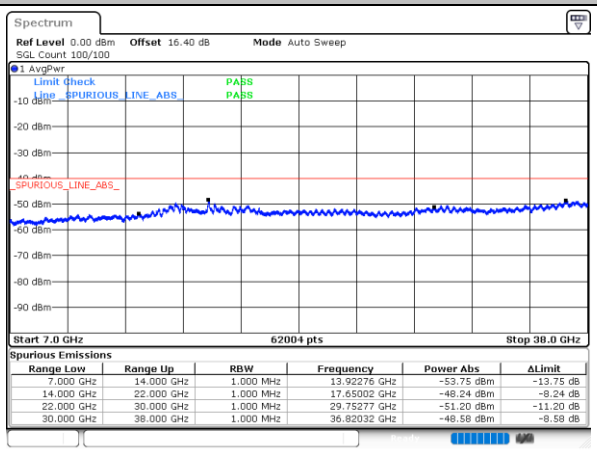
Lowest Channel / 1RB99 and 1RB0



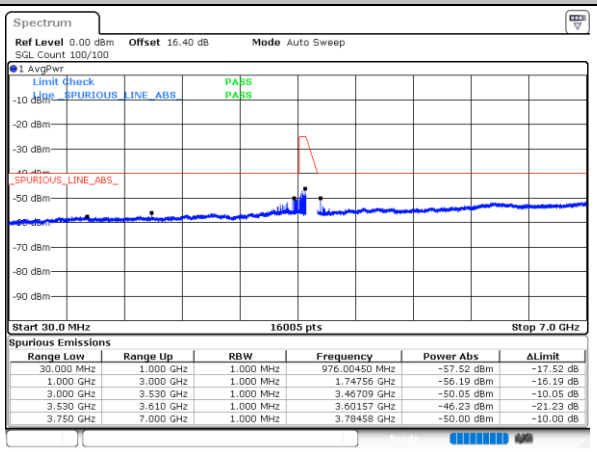


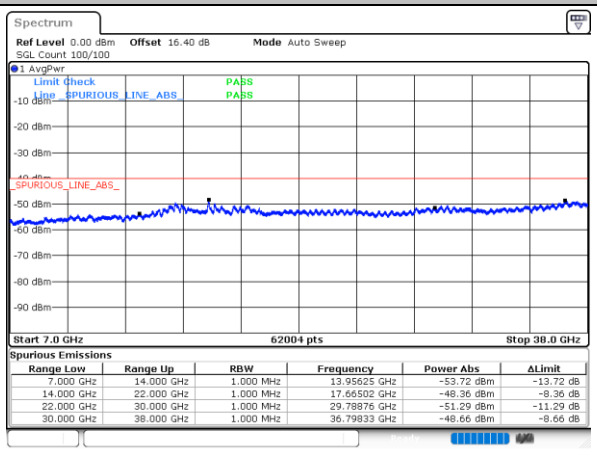
Middle Channel / 1RB99 and 1RB0





Highest Channel / 1RB99 and 1RB0

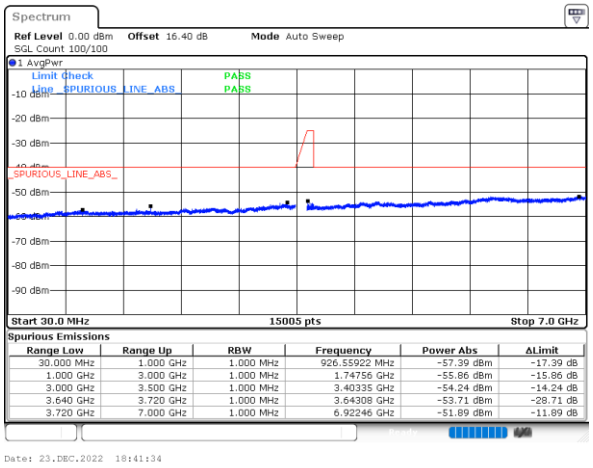


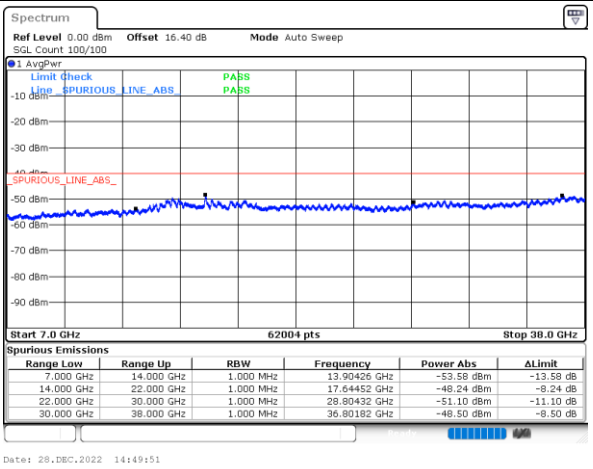


LTE Band 48C / 20MHz+10MHz

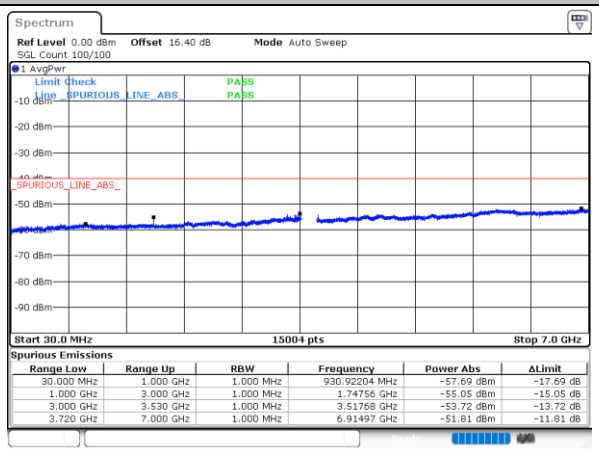
QPSK

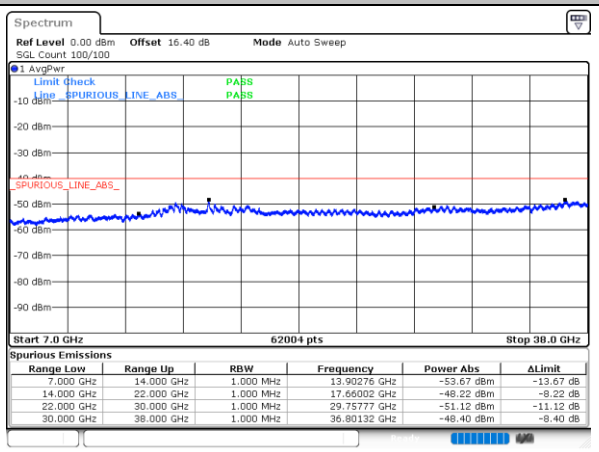
Lowest Channel / 1RB0 and 1RB49



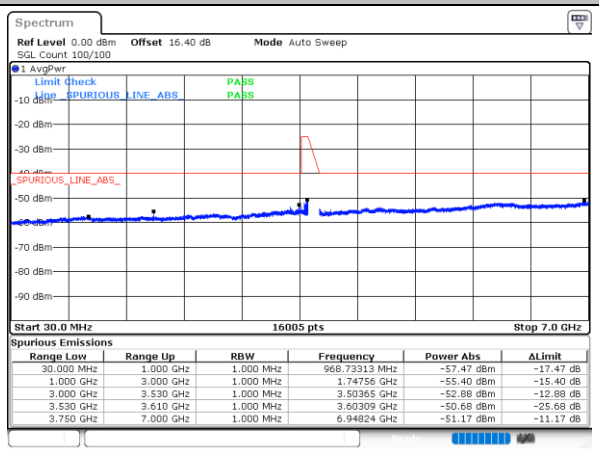


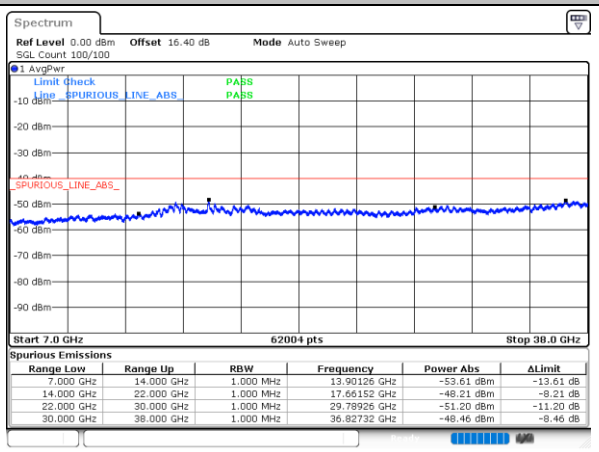
Middle Channel / 1RB0 and 1RB49





Highest Channel / 1RB0 and 1RB49

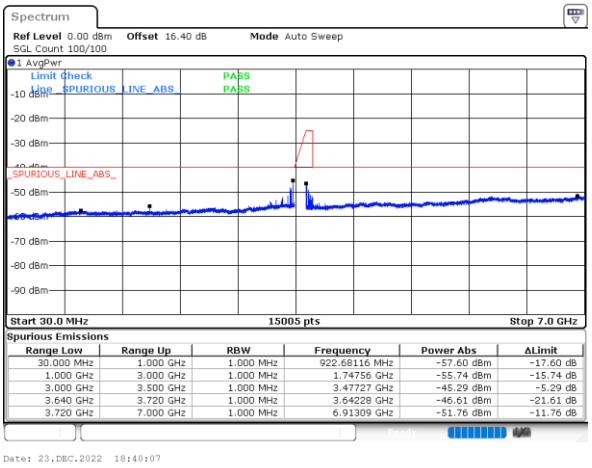


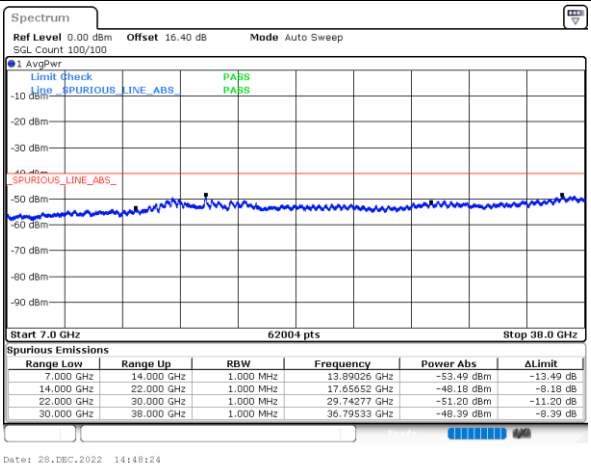


LTE Band 48C / 20MHz+10MHz

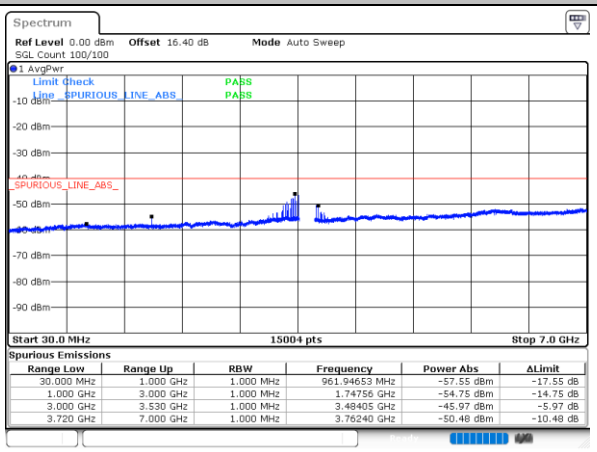
QPSK

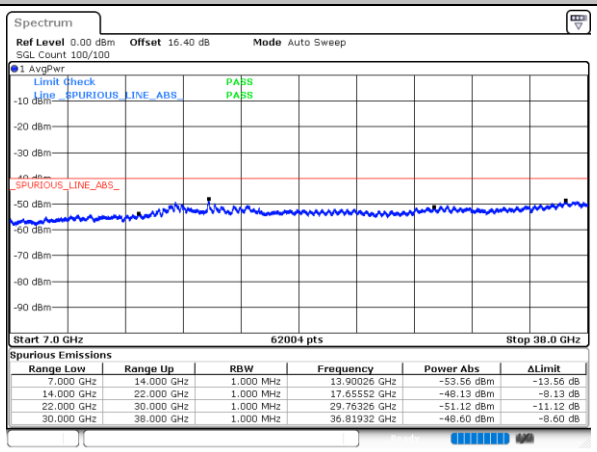
Lowest Channel / 1RB99 and 1RB0



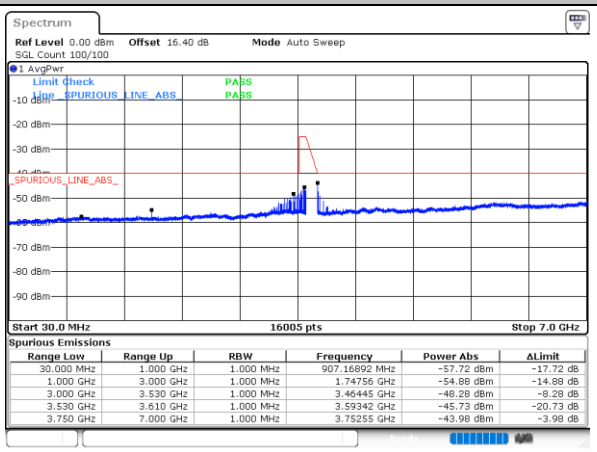


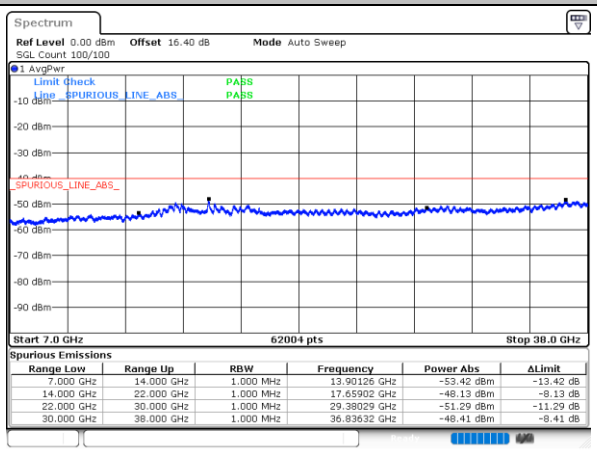
Middle Channel / 1RB99 and 1RB0





Highest Channel / 1RB99 and 1RB0

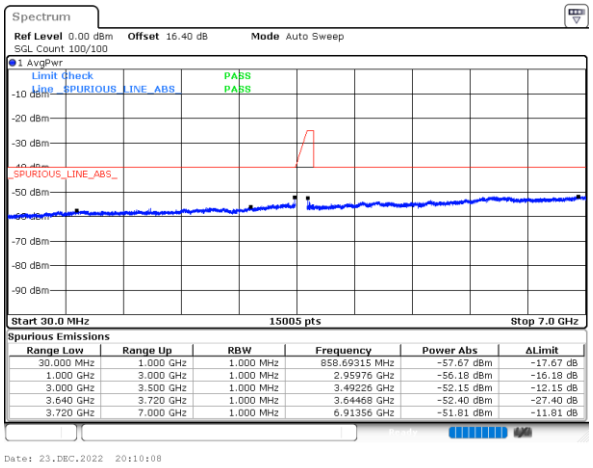


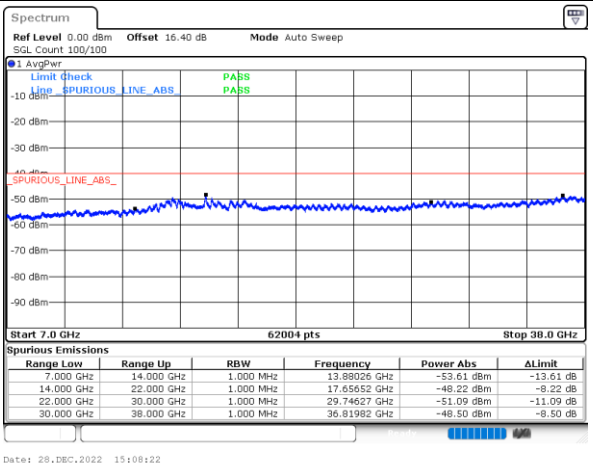


LTE Band 48C / 20MHz+15MHz

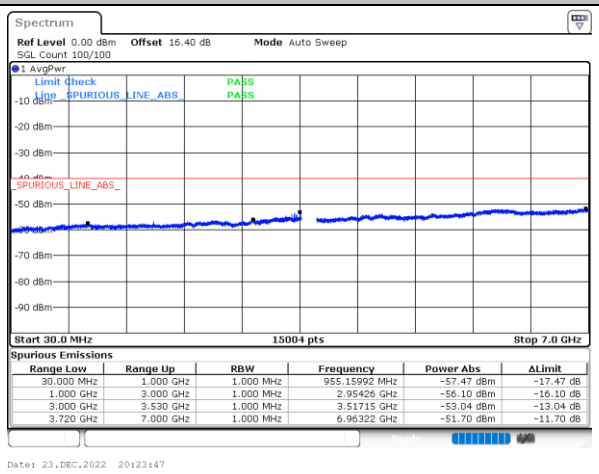
QPSK

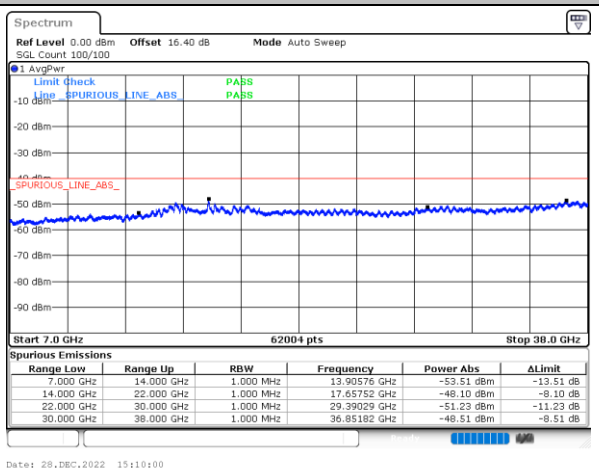
Lowest Channel / 1RB0 and 1RB74



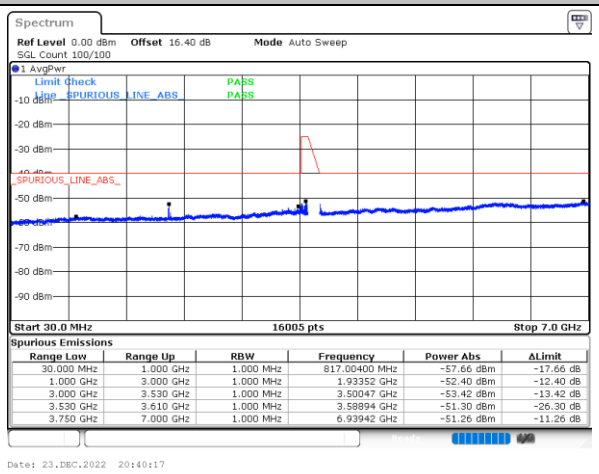


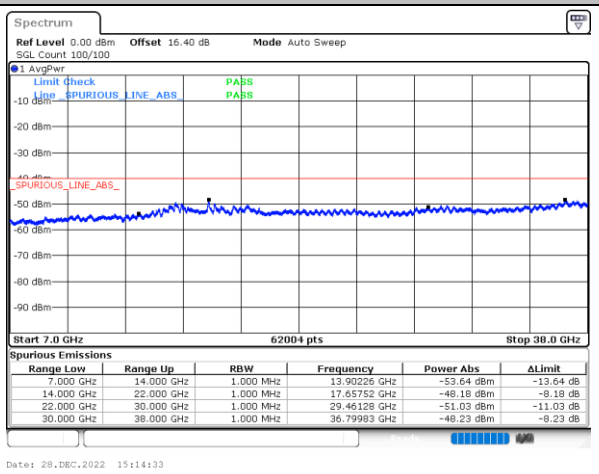
Middle Channel / 1RB0 and 1RB74





Highest Channel / 1RB0 and 1RB74

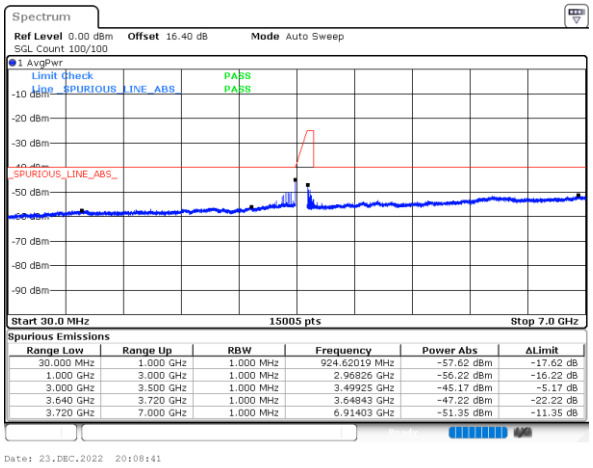


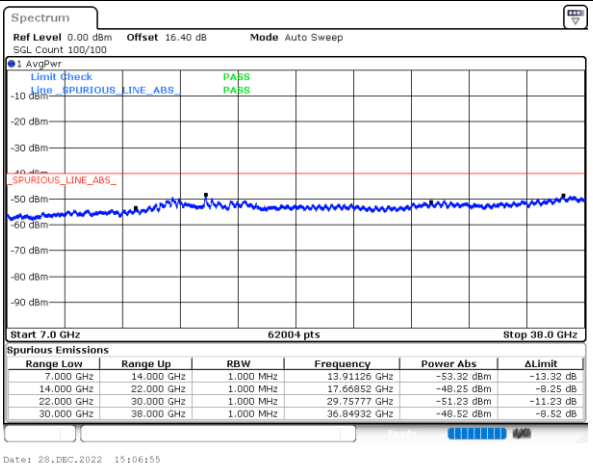


LTE Band 48C / 20MHz+15MHz

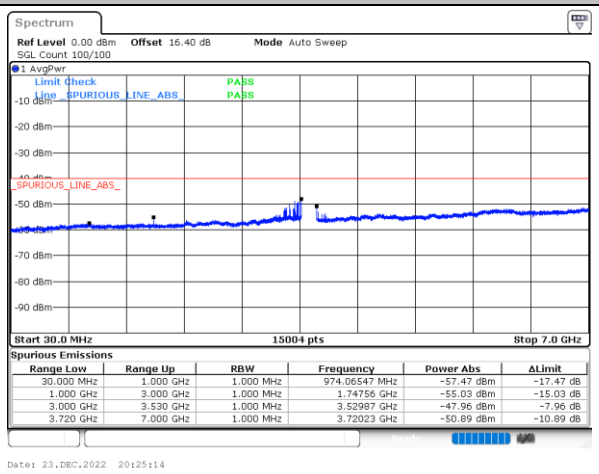
QPSK

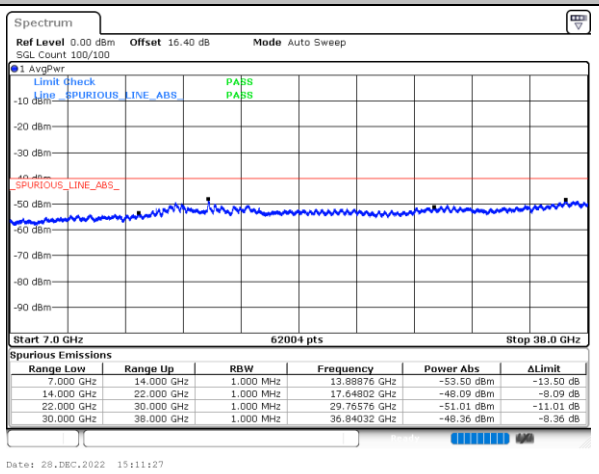
Lowest Channel / 1RB99 and 1RB0



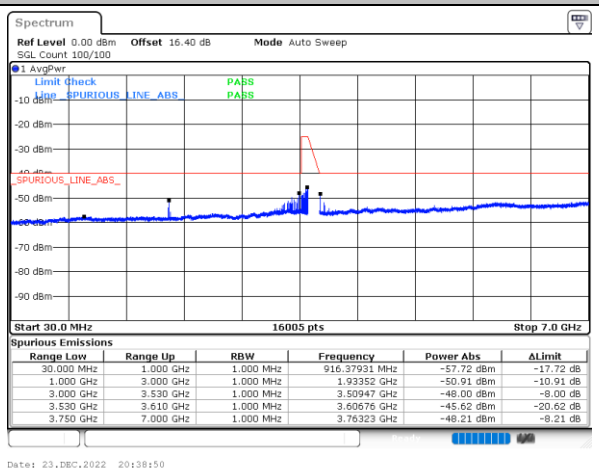


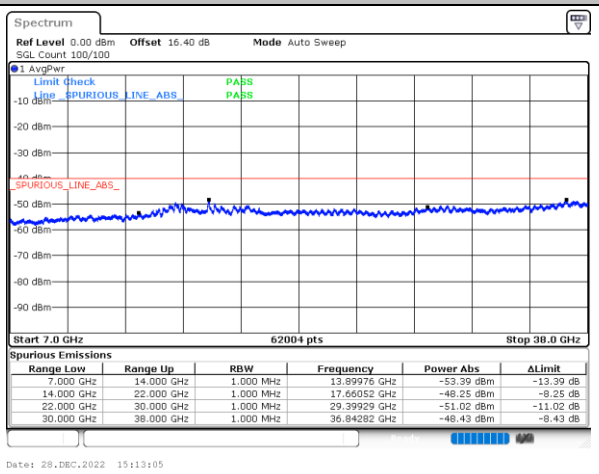
Middle Channel / 1RB99 and 1RB0





Highest Channel / 1RB99 and 1RB0

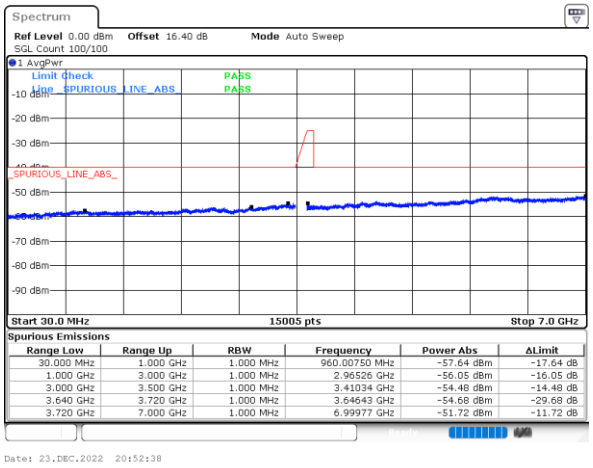


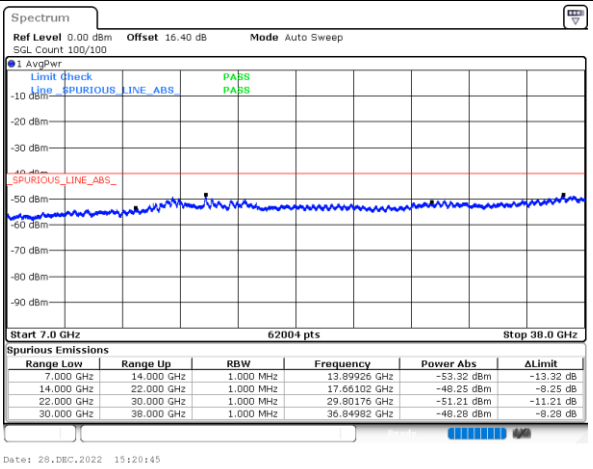


LTE Band 48C / 20MHz+20MHz

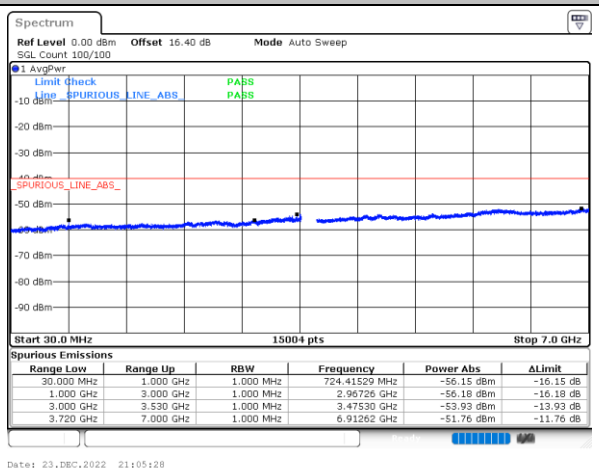
QPSK

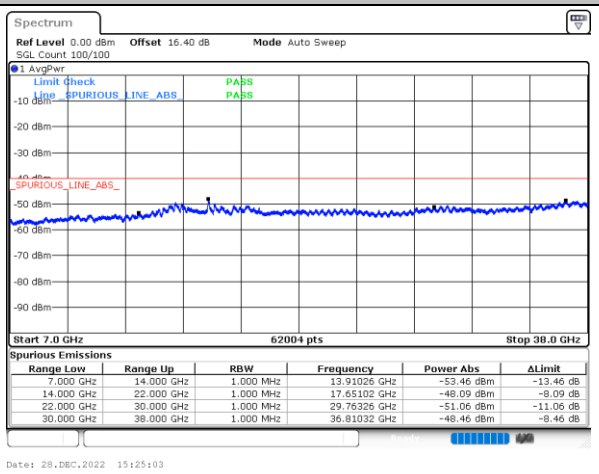
Lowest Channel / 1RB0 and 1RB99



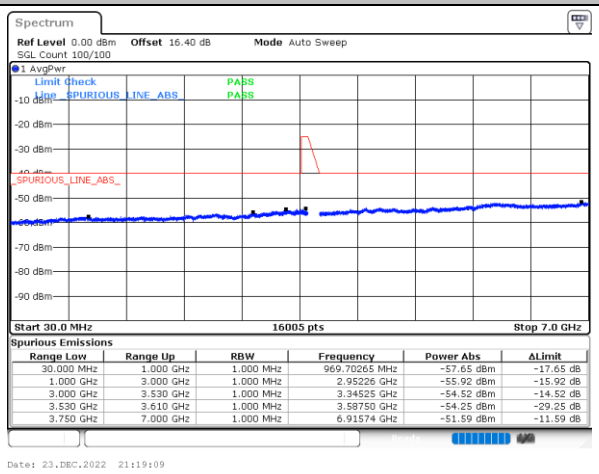


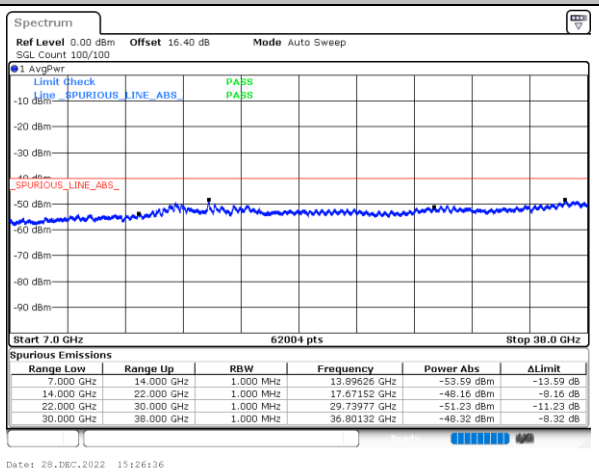
MiddleChannel / 1RB0 and 1RB99





Highest Channel / 1RB0 and 1RB99

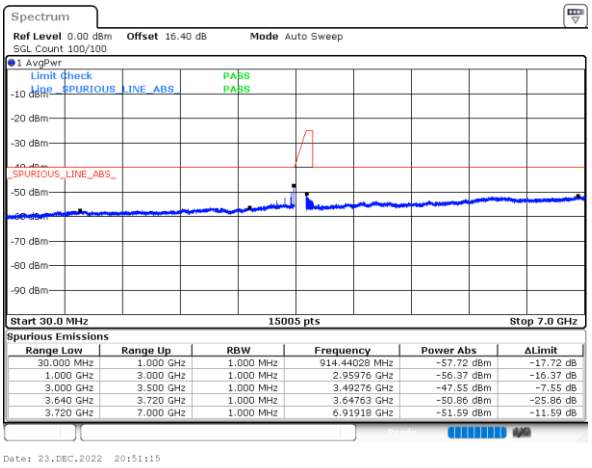


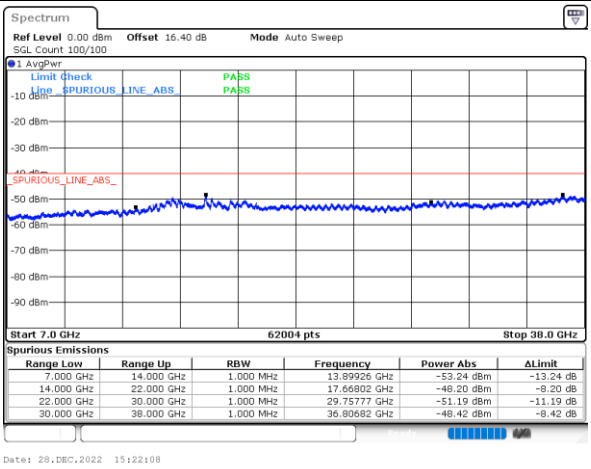


LTE Band 48C / 20MHz+20MHz

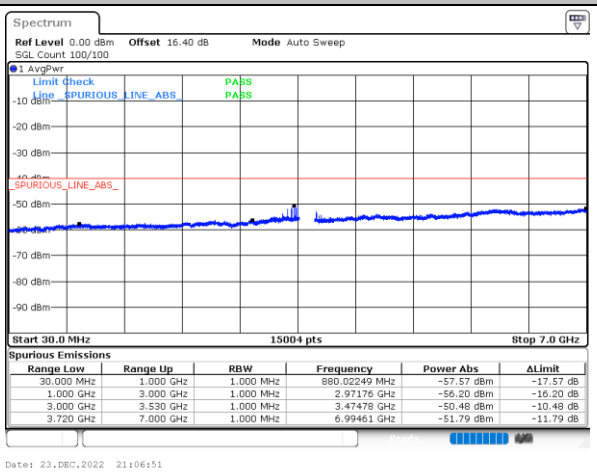
QPSK

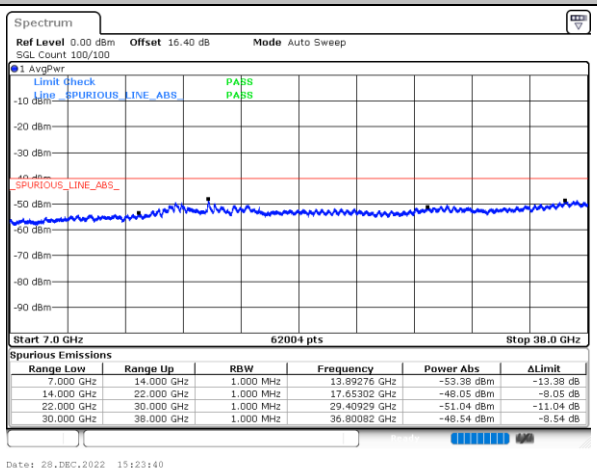
Lowest Channel / 1RB99 and 1RB0



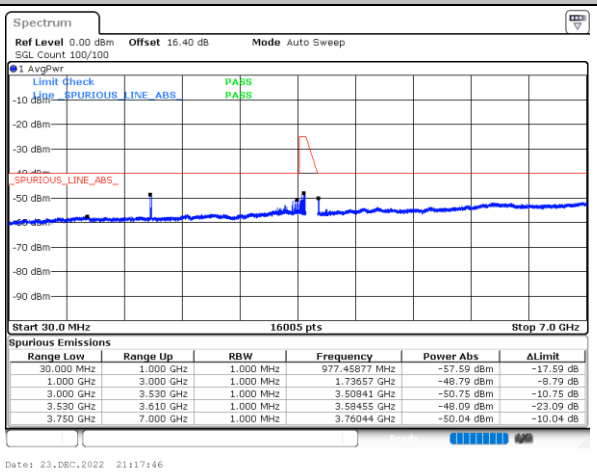


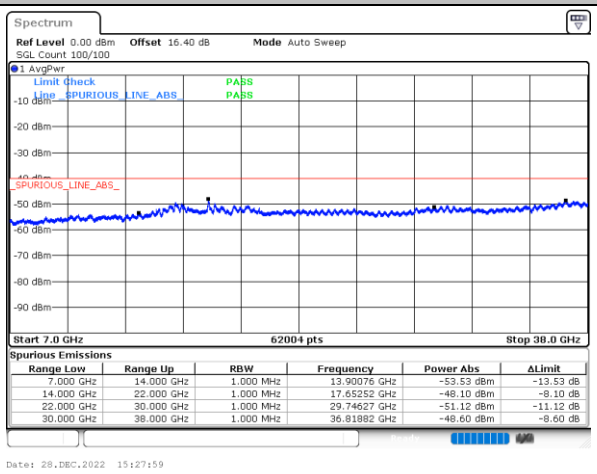
Middle Channel / 1RB99 and 1RB0





Highest Channel / 1RB99 and 1RB0





Appendix B. Test Results of Radiated Test

<OA5 Antenna>

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-52.66	-40	-12.66	-50.31	-62.36	1.84	11.55	H
	10653	-52.90	-40	-12.90	-54.59	-61.37	2.23	10.71	H
	14205	-50.51	-40	-10.51	-58.31	-60.14	2.65	12.28	H
	21307	-61.68	-40	-21.68	-75.35	-76.53	3.32	18.17	H
	24858	-59.24	-40	-19.24	-76.72	-74.01	3.71	18.49	H
	28409	-57.26	-40	-17.26	-76.77	-72.73	3.99	19.45	H
									H
	7102	-50.92	-40	-10.92	-48.81	-60.62	1.84	11.55	V
	10653	-48.46	-40	-8.46	-49.74	-56.93	2.23	10.71	V
	14205	-47.54	-40	-7.54	-48.82	-57.17	2.65	12.28	V
	21307	-62.29	-40	-22.29	-75.65	-77.14	3.32	18.17	V
	24858	-59.89	-40	-19.89	-77.05	-74.66	3.71	18.49	V
	28409	-57.53	-40	-17.53	-76.62	-73.00	3.99	19.45	V
									V
Middle	7232	-54.75	-40	-14.75	-52.77	-64.21	1.86	11.32	H
	10848	-50.30	-40	-10.30	-52.32	-58.68	2.22	10.59	H
	14464	-50.42	-40	-10.42	-58.29	-59.92	2.62	12.12	H
	18080	-61.84	-40	-21.84	-72.64	-76.21	3.23	17.60	H
	21697	-60.10	-40	-20.10	-74.48	-75.27	3.43	18.60	H
	25313	-58.88	-40	-18.88	-76.46	-73.88	3.78	18.78	H
									H
	7232	-51.48	-40	-11.48	-49.55	-60.94	1.86	11.32	V
	10848	-46.28	-40	-6.28	-48.07	-54.66	2.22	10.59	V
	14464	-50.05	-40	-10.05	-58.36	-59.55	2.62	12.12	V
	18080	-61.90	-40	-21.90	-72.4	-76.27	3.23	17.60	V
	21697	-60.60	-40	-20.60	-74.65	-75.77	3.43	18.60	V
	25313	-59.52	-40	-19.52	-76.81	-74.52	3.78	18.78	V
									V

Highest	7362	-54.72	-40	-14.72	-53.08	-64.18	1.92	11.38	H
	11043	-50.07	-40	-10.07	-52.5	-58.40	2.22	10.55	H
	14724	-50.38	-40	-10.38	-58.5	-60.38	2.59	12.59	H
	18405	-62.20	-40	-22.20	-73.37	-76.56	3.24	17.60	H
	22087	-61.01	-40	-21.01	-75.68	-76.38	3.52	18.88	H
	25768	-58.97	-40	-18.97	-76.82	-74.14	3.88	19.05	H
									H
	7362	-53.65	-40	-13.65	-52.16	-63.11	1.92	11.38	V
	11043	-46.14	-40	-6.14	-48.5	-54.47	2.22	10.55	V
	14724	-49.53	-40	-9.53	-58.61	-59.53	2.59	12.59	V
	18405	-62.07	-40	-22.07	-73.01	-76.43	3.24	17.60	V
	22087	-61.64	-40	-21.64	-75.93	-77.01	3.52	18.88	V
	25768	-58.80	-40	-18.80	-76.36	-73.97	3.88	19.05	V
									V

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

LTE Band 48B

LTE Band 48B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7118	-52.33	-40	-12.33	-50.03	-61.99	1.84	11.51	H
	10678	-52.41	-40	-12.41	-54.14	-60.87	2.23	10.69	H
	14237	-58.39	-40	-18.39	-58.39	-68.00	2.65	12.26	H
	21356	-61.43	-40	-21.43	-75.25	-76.32	3.33	18.23	H
	24916	-58.76	-40	-18.76	-76.24	-73.50	3.71	18.45	H
	28475	-56.77	-40	-16.77	-76.29	-72.20	3.99	19.42	H
									H
	7118	-52.54	-40	-12.54	-50.51	-62.20	1.84	11.51	V
	10678	-49.13	-40	-9.13	-50.48	-57.59	2.23	10.69	V
	14237	-57.97	-40	-17.97	-57.97	-67.58	2.65	12.26	V
	21356	-56.46	-40	-16.46	-69.97	-71.35	3.33	18.23	V
	24916	-57.63	-40	-17.63	-74.79	-72.37	3.71	18.45	V
	28475	-57.27	-40	-17.27	-76.37	-72.70	3.99	19.42	V
									V
Middle	7248	-53.45	-40	-13.45	-51.51	-62.91	1.86	11.32	H
	10872	-51.33	-40	-11.33	-53.4	-59.69	2.21	10.58	H
	14496	-49.39	-40	-9.39	-58.28	-58.87	2.62	12.10	H
	18122	-61.46	-40	-21.46	-72.3	-75.83	3.23	17.60	H
	21746	-60.72	-40	-20.72	-75.13	-75.93	3.44	18.65	H
	25371	-58.33	-40	-18.33	-75.92	-73.38	3.79	18.85	H
									H
	7248	-53.54	-40	-13.54	-51.93	-63.00	1.86	11.32	V
	10872	-48.44	-40	-8.44	-50.3	-56.80	2.21	10.58	V
	14496	-49.15	-40	-9.15	-57.55	-58.63	2.62	12.10	V
	18122	-58.57	-40	-18.57	-69.12	-72.94	3.23	17.60	V
	21746	-54.63	-40	-14.63	-68.7	-69.84	3.44	18.65	V
	25371	-58.92	-40	-18.92	-76.24	-73.98	3.79	18.85	V
									V

Highest	7379	-53.75	-40	-13.75	-52.15	-63.21	1.93	11.39	H
	11068	-50.16	-40	-10.16	-52.67	-58.51	2.23	10.58	H
	14758	-49.92	-40	-9.92	-58.08	-60.00	2.59	12.67	H
	18447	-61.67	-40	-21.67	-72.89	-76.03	3.24	17.60	H
	22136	-60.00	-40	-20.00	-74.73	-75.35	3.52	18.87	H
	25826	-58.24	-40	-18.24	-76.13	-73.41	3.90	19.07	H
									H
	7358	-53.45	-40	-13.45	-51.98	-62.91	1.92	11.38	V
	11037	-48.12	-40	-8.12	-50.57	-56.45	2.21	10.54	V
	14716	-49.00	-40	-9.00	-58.18	-58.98	2.59	12.58	V
	18447	-60.59	-40	-20.59	-71.58	-74.95	3.24	17.60	V
	22136	-55.81	-40	-15.81	-70.15	-71.16	3.52	18.87	V
	25826	-58.70	-40	-18.70	-76.3	-73.87	3.90	19.07	V
									V

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

LTE Band 48C

LTE Band 48C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7138	-56.22	-40	-16.22	-53.96	-65.83	1.84	11.46	H
	10707	-54.16	-40	-14.16	-55.94	-62.61	2.23	10.68	H
	14276	-50.68	-40	-10.68	-58.51	-60.27	2.64	12.23	H
	21413	-61.20	-40	-21.20	-75.2	-76.15	3.35	18.30	H
	24982	-58.69	-40	-18.69	-76.17	-73.40	3.70	18.41	H
	28551	-56.62	-40	-16.62	-76.24	-72.02	3.99	19.39	H
									H
	7138	-55.79	-40	-15.79	-63.45	-65.40	1.84	11.46	V
	10707	-54.40	-40	-14.40	-64.27	-62.85	2.23	10.68	V
	14276	-50.57	-40	-10.57	-58.42	-60.16	2.64	12.23	V
	21413	-61.47	-40	-21.47	-75.16	-76.42	3.35	18.30	V
	24982	-59.08	-40	-19.08	-76.24	-73.79	3.70	18.41	V
	28551	-56.80	-40	-16.80	-76	-72.20	3.99	19.39	V
									V
Middle	7248	-57.06	-40	-17.06	-55.12	-66.52	1.86	11.32	H
	10872	-53.63	-40	-13.63	-55.7	-61.99	2.21	10.58	H
	14496	-50.27	-40	-10.27	-58.16	-59.75	2.62	12.10	H
	18120	-61.68	-40	-21.68	-72.52	-76.05	3.23	17.60	H
	21744	-61.44	-40	-21.44	-75.84	-76.65	3.44	18.64	H
	25368	-58.04	-40	-18.04	-75.64	-73.09	3.79	18.84	H
									H
	7248	-55.29	-40	-15.29	-53.67	-64.75	1.86	11.32	V
	10872	-52.56	-40	-12.56	-54.42	-60.92	2.21	10.58	V
	14496	-49.77	-40	-9.77	-58.16	-59.25	2.62	12.10	V
	18120	-61.81	-40	-21.81	-72.36	-76.18	3.23	17.60	V
	21744	-61.84	-40	-21.84	-75.9	-77.05	3.44	18.64	V
	25368	-58.88	-40	-18.88	-76.2	-73.93	3.79	18.84	V
									V

Highest	7358	-56.10	-40	-16.10	-54.44	-65.56	1.92	11.38	H
	11037	-53.72	-40	-13.72	-56.13	-62.05	2.21	10.54	H
	14716	-50.18	-40	-10.18	-58.29	-60.16	2.59	12.58	H
	18396	-61.52	-40	-21.52	-72.68	-75.88	3.24	17.60	H
	22075	-60.92	-40	-20.92	-75.57	-76.29	3.51	18.89	H
	25754	-58.87	-40	-18.87	-76.71	-74.04	3.88	19.05	H
									H
	7358	-55.85	-40	-15.85	-54.35	-65.31	1.92	11.38	V
	11037	-53.86	-40	-13.86	-56.19	-62.19	2.21	10.54	V
	14716	-48.92	-40	-8.92	-57.97	-58.90	2.59	12.58	V
	18396	-61.29	-40	-21.29	-72.21	-75.65	3.24	17.60	V
	22075	-61.22	-40	-21.22	-75.49	-76.59	3.51	18.89	V
	25754	-58.98	-40	-18.98	-76.53	-74.15	3.88	19.05	V
									V

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

<EA1_5 Antenna>

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-54.42	-40	-14.42	-52.07	-64.12	1.84	11.55	H
	10653	-52.31	-40	-12.31	-54	-60.78	2.23	10.71	H
	14205	-50.36	-40	-10.36	-58.16	-59.99	2.65	12.28	H
	21307	-62.07	-40	-22.07	-75.74	-76.92	3.32	18.17	H
	24858	-59.26	-40	-19.26	-76.74	-74.03	3.71	18.49	H
	28409	-57.11	-40	-17.11	-76.62	-72.58	3.99	19.45	H
									H
	7102	-52.69	-40	-12.69	-50.58	-62.39	1.84	11.55	V
	10653	-52.56	-40	-12.56	-53.84	-61.03	2.23	10.71	V
	14205	-51.09	-40	-11.09	-58.76	-60.72	2.65	12.28	V
	21307	-61.15	-40	-21.15	-74.51	-76.00	3.32	18.17	V
	24858	-59.57	-40	-19.57	-76.73	-74.34	3.71	18.49	V
	28409	-57.50	-40	-17.50	-76.59	-72.97	3.99	19.45	V
									V
Middle	7232	-54.38	-40	-14.38	-52.4	-63.84	1.86	11.32	H
	10848	-52.67	-40	-12.67	-54.69	-61.05	2.22	10.59	H
	14464	-50.64	-40	-10.64	-58.51	-60.14	2.62	12.12	H
	18080	-61.74	-40	-21.74	-72.54	-76.11	3.23	17.60	H
	21697	-61.48	-40	-21.48	-75.86	-76.65	3.43	18.60	H
	25313	-59.06	-40	-19.06	-76.64	-74.06	3.78	18.78	H
									H
	7232	-53.32	-40	-13.32	-52.69	-62.78	1.86	11.32	V
	10848	-50.07	-40	-10.07	-51.86	-58.45	2.22	10.59	V
	14464	-50.08	-40	-10.08	-58.39	-59.58	2.62	12.12	V
	18080	-62.30	-40	-22.30	-72.8	-76.67	3.23	17.60	V
	21697	-61.69	-40	-21.69	-75.74	-76.86	3.43	18.60	V
	25313	-59.40	-40	-19.40	-76.69	-74.40	3.78	18.78	V
									V

Highest	7362	-56.37	-40	-16.37	-54.73	-65.83	1.92	11.38	H
	11043	-53.59	-40	-13.59	-56.02	-61.92	2.22	10.55	H
	14724	-50.23	-40	-10.23	-58.35	-60.23	2.59	12.59	H
	18405	-61.60	-40	-21.60	-72.77	-75.96	3.24	17.60	H
	22087	-60.37	-40	-20.37	-75.04	-75.74	3.52	18.88	H
	25768	-58.89	-40	-18.89	-76.74	-74.06	3.88	19.05	H
									H
	7362	-49.82	-40	-9.82	-48.33	-59.28	1.92	11.38	V
	11043	-51.14	-40	-11.14	-53.5	-59.47	2.22	10.55	V
	14724	-48.89	-40	-8.89	-57.97	-58.89	2.59	12.59	V
	18405	-62.17	-40	-22.17	-73.11	-76.53	3.24	17.60	V
	22087	-56.88	-40	-16.88	-71.17	-72.25	3.52	18.88	V
	25768	-58.92	-40	-18.92	-76.48	-74.09	3.88	19.05	V
									V

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

LTE Band 48B

LTE Band 48B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7118	-53.92	-40	-13.92	-51.62	-63.58	1.84	11.51	H
	10678	-51.94	-40	-11.94	-53.67	-60.40	2.23	10.69	H
	14237	-50.61	-40	-10.61	-58.42	-60.22	2.65	12.26	H
	21356	-59.58	-40	-19.58	-73.4	-74.47	3.33	18.23	H
	24916	-59.06	-40	-19.06	-76.54	-73.80	3.71	18.45	H
	28475	-57.00	-40	-17.00	-76.52	-72.43	3.99	19.42	H
									H
	7118	-52.12	-40	-12.12	-50.09	-61.78	1.84	11.51	V
	10678	-49.88	-40	-9.88	-51.23	-58.34	2.23	10.69	V
	14237	-50.68	-40	-10.68	-58.43	-60.29	2.65	12.26	V
	21356	-58.53	-40	-18.53	-72.04	-73.42	3.33	18.23	V
	24916	-58.04	-40	-18.04	-75.2	-72.78	3.71	18.45	V
	28475	-57.14	-40	-17.14	-76.24	-72.57	3.99	19.42	V
									V
Middle	7248	-54.96	-40	-14.96	-53.02	-64.42	1.86	11.32	H
	10872	-51.45	-40	-11.45	-53.52	-59.81	2.21	10.58	H
	14496	-50.54	-40	-10.54	-58.43	-60.02	2.62	12.10	H
	18122	-61.67	-40	-21.67	-72.51	-76.04	3.23	17.60	H
	21746	-58.02	-40	-18.02	-72.43	-73.23	3.44	18.65	H
	25371	-57.81	-40	-17.81	-75.41	-72.87	3.79	18.85	H
									H
	7248	-53.45	-40	-13.45	-51.84	-62.91	1.86	11.32	V
	10872	-50.94	-40	-10.94	-52.8	-59.30	2.21	10.58	V
	14496	-49.71	-40	-9.71	-58.11	-59.19	2.62	12.10	V
	18122	-61.82	-40	-21.82	-72.37	-76.19	3.23	17.60	V
	21746	-57.46	-40	-17.46	-71.53	-72.67	3.44	18.65	V
	25371	-58.95	-40	-18.95	-76.27	-74.01	3.79	18.85	V
									V

Highest	7379	-56.48	-40	-16.48	-54.88	-65.94	1.93	11.39	H
	11068	-54.05	-40	-14.05	-56.56	-62.40	2.23	10.58	H
	14758	-50.41	-40	-10.41	-58.57	-60.49	2.59	12.67	H
	18447	-61.76	-40	-21.76	-72.98	-76.12	3.24	17.60	H
	22136	-57.18	-40	-17.18	-71.91	-72.53	3.52	18.87	H
	25826	-58.64	-40	-18.64	-76.53	-73.81	3.90	19.07	H
									H
	7379	-56.35	-40	-16.35	-54.88	-65.81	1.93	11.39	V
	11068	-53.64	-40	-13.64	-56.09	-61.99	2.23	10.58	V
	14758	-49.15	-40	-9.15	-58.33	-59.23	2.59	12.67	V
	18447	-61.87	-40	-21.87	-72.86	-76.23	3.24	17.60	V
	22136	-59.41	-40	-19.41	-73.75	-74.76	3.52	18.87	V
	25826	-58.85	-40	-18.85	-76.45	-74.02	3.90	19.07	V
									V

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

LTE Band 48C

LTE Band 48C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7138	-58.26	-40	-18.26	-56	-67.87	1.84	11.46	H
	10707	-54.70	-40	-14.70	-56.48	-63.15	2.23	10.68	H
	14276	-50.47	-40	-10.47	-58.3	-60.06	2.64	12.23	H
	21418	-61.45	-40	-21.45	-75.45	-76.40	3.35	18.30	H
	24981	-59.15	-40	-19.15	-76.63	-73.86	3.70	18.41	H
	28556	-56.74	-40	-16.74	-76.36	-72.14	3.99	19.39	H
									H
	7138	-58.30	-40	-18.30	-56.34	-67.91	1.84	11.46	V
	10707	-54.61	-40	-14.61	-56.03	-63.06	2.23	10.68	V
	14276	-50.87	-40	-10.87	-58.72	-60.46	2.64	12.23	V
	21418	-61.73	-40	-21.73	-75.42	-76.68	3.35	18.30	V
	24981	-59.44	-40	-19.44	-76.6	-74.15	3.70	18.41	V
	28556	-57.36	-40	-17.36	-76.56	-72.76	3.99	19.39	V
									V
Middle	7248	-56.64	-40	-16.64	-54.7	-66.10	1.86	11.32	H
	10872	-53.74	-40	-13.74	-55.81	-62.10	2.21	10.58	H
	14496	-50.51	-40	-10.51	-58.4	-59.99	2.62	12.10	H
	18120	-61.50	-40	-21.50	-72.34	-75.87	3.23	17.60	H
	21744	-60.84	-40	-20.84	-75.24	-76.05	3.44	18.64	H
	25370	-58.70	-40	-18.70	-76.3	-73.76	3.79	18.84	H
									H
	7248	-57.24	-40	-17.24	-55.62	-66.70	1.86	11.32	V
	10872	-53.66	-40	-13.66	-55.52	-62.02	2.21	10.58	V
	14496	-49.71	-40	-9.71	-58.1	-59.19	2.62	12.10	V
	18120	-61.84	-40	-21.84	-72.39	-76.21	3.23	17.60	V
	21744	-61.27	-40	-21.27	-75.33	-76.48	3.44	18.64	V
	25370	-58.77	-40	-18.77	-76.09	-73.83	3.79	18.84	V
									V

Highest	7358	-55.81	-40	-15.81	-54.15	-65.27	1.92	11.38	H
	11037	-54.03	-40	-14.03	-56.44	-62.36	2.21	10.54	H
	14716	-49.97	-40	-9.97	-58.08	-59.95	2.59	12.58	H
	18396	-61.47	-40	-21.47	-72.63	-75.83	3.24	17.60	H
	22075	-61.01	-40	-21.01	-75.66	-76.38	3.51	18.89	H
	25754	-59.07	-40	-19.07	-76.91	-74.24	3.88	19.05	H
									H
	7358	-56.28	-40	-16.28	-54.78	-65.74	1.92	11.38	V
	11037	-53.72	-40	-13.72	-56.05	-62.05	2.21	10.54	V
	14716	-49.25	-40	-9.25	-58.3	-59.23	2.59	12.58	V
	18396	-61.52	-40	-21.52	-72.44	-75.88	3.24	17.60	V
	22075	-61.49	-40	-21.49	-75.76	-76.86	3.51	18.89	V
	25754	-58.82	-40	-18.82	-76.37	-73.99	3.88	19.05	V
									V

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