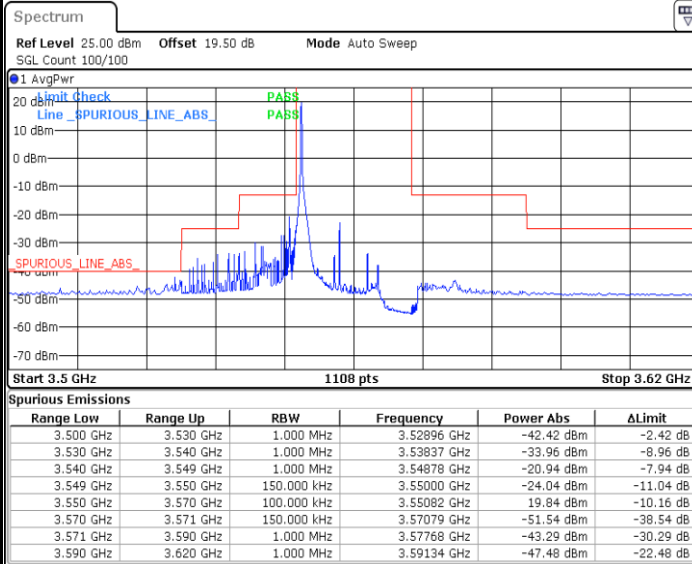




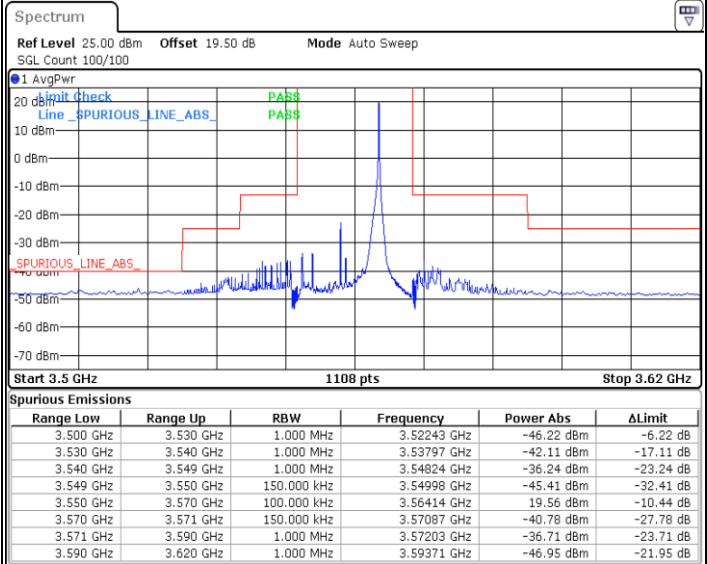
LTE Band 48 / 15MHz

QPSK

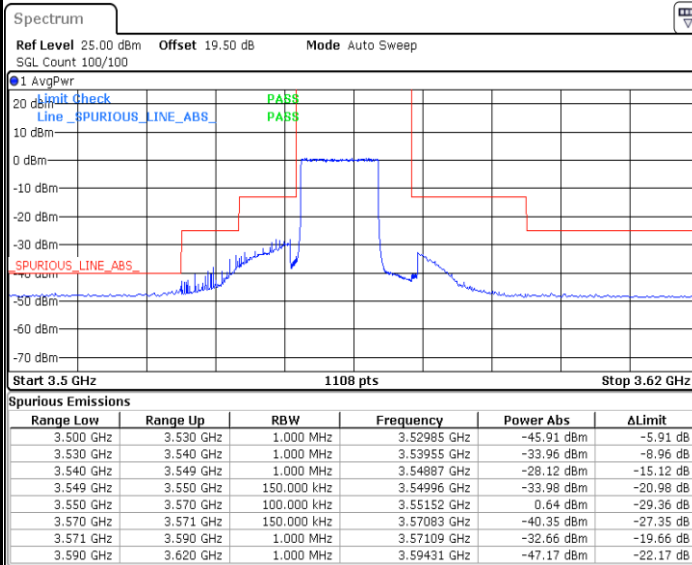
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB



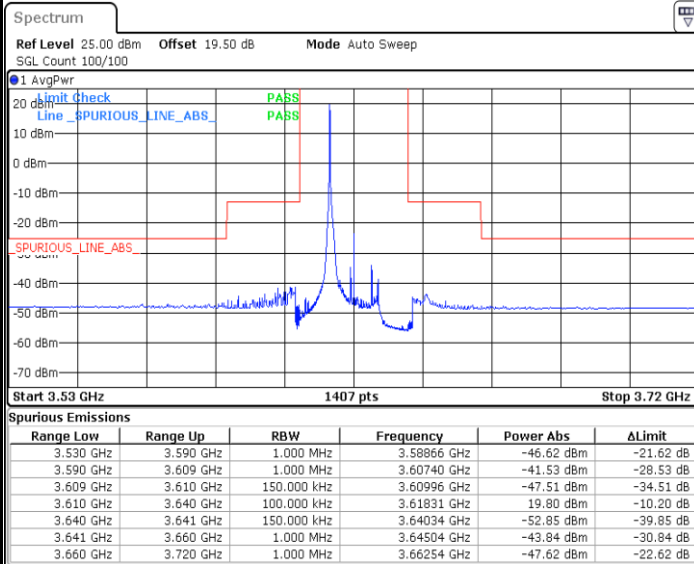
N/A



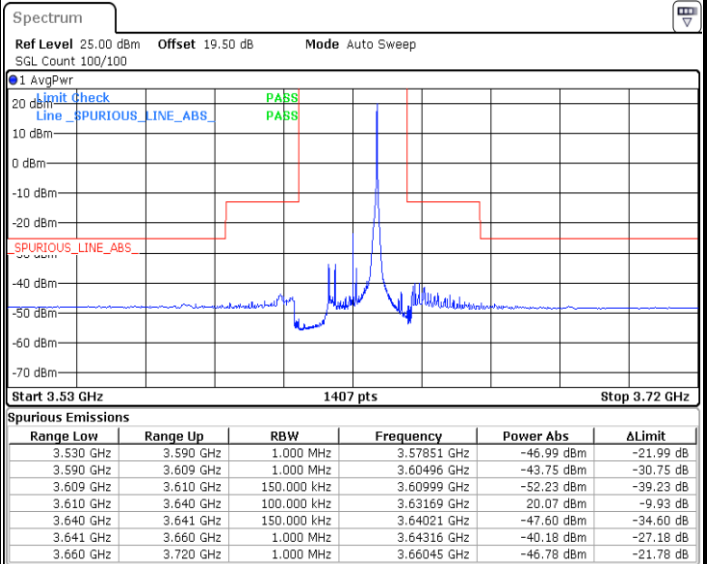
LTE Band 48 / 15MHz

QPSK

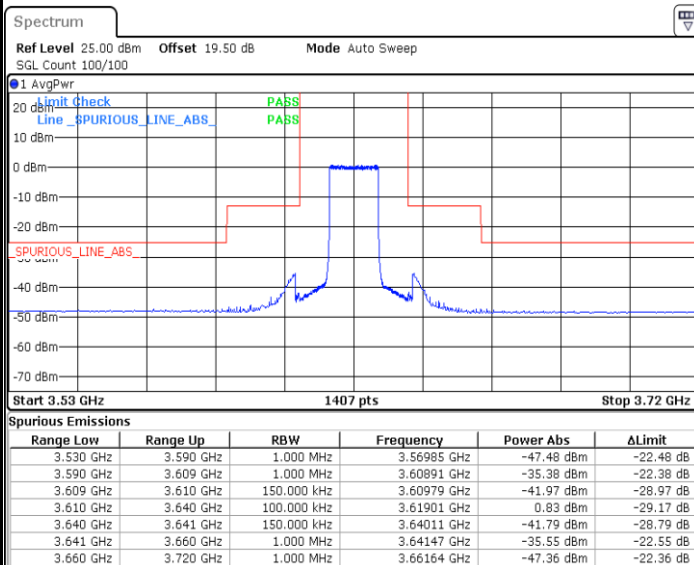
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



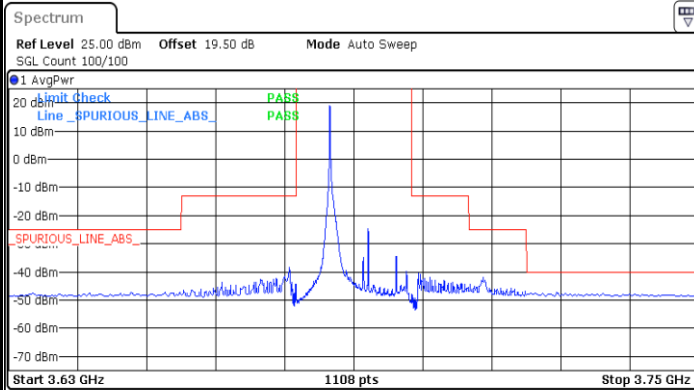
N/A



LTE Band 48 / 15MHz

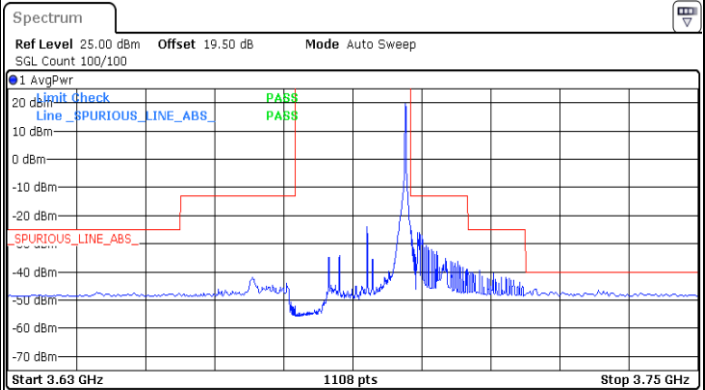
QPSK

Highest Channel / 1RB0



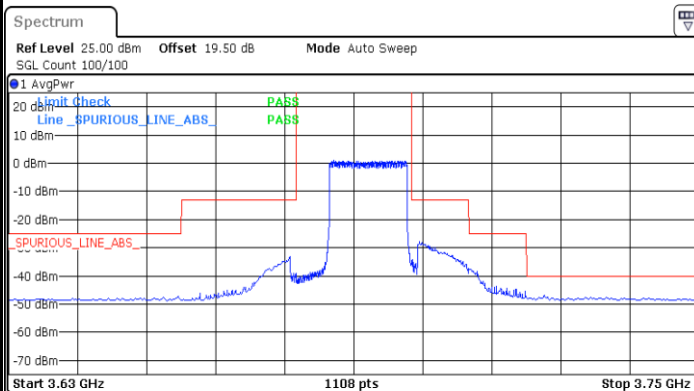
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65718 GHz	-47.11 dBm	-22.11 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-38.29 dBm	-25.29 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67919 GHz	-43.50 dBm	-30.50 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68581 GHz	19.01 dBm	-10.99 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70004 GHz	-47.99 dBm	-34.99 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-40.38 dBm	-27.38 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71252 GHz	-41.80 dBm	-16.80 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72520 GHz	-47.20 dBm	-7.20 dB

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64559 GHz	-47.35 dBm	-22.35 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67251 GHz	-42.08 dBm	-29.08 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67920 GHz	-50.69 dBm	-37.69 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69918 GHz	19.59 dBm	-10.41 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-23.57 dBm	-10.57 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-25.95 dBm	-12.95 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71203 GHz	-39.27 dBm	-14.27 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72163 GHz	-46.20 dBm	-6.20 dB

Highest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65955 GHz	-47.25 dBm	-22.25 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-33.02 dBm	-20.02 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67995 GHz	-39.12 dBm	-26.12 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68651 GHz	0.92 dBm	-29.08 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70013 GHz	-34.18 dBm	-21.18 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-27.87 dBm	-14.87 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-37.54 dBm	-12.54 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72312 GHz	-46.69 dBm	-6.69 dB

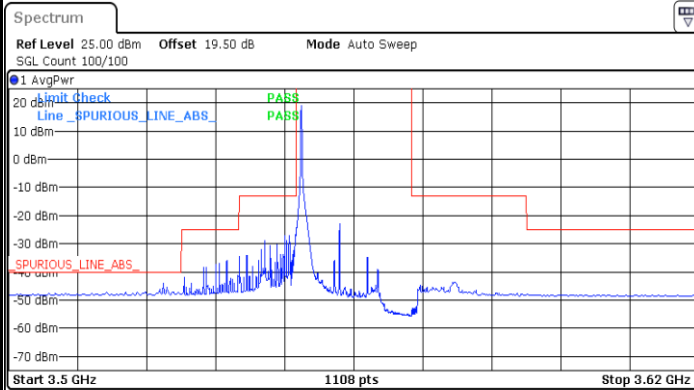
N/A



LTE Band 48 / 15MHz

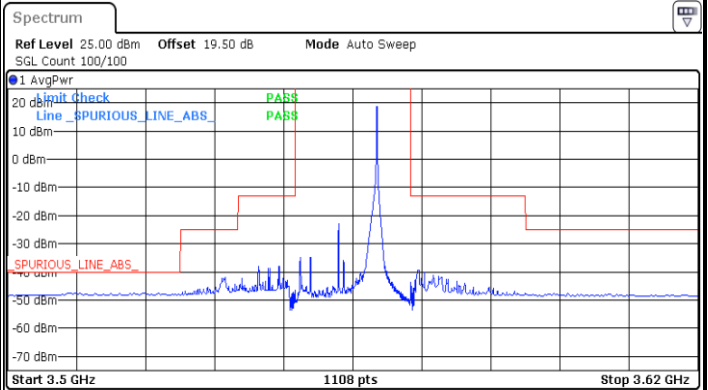
16QAM

Lowest Channel / 1RB0



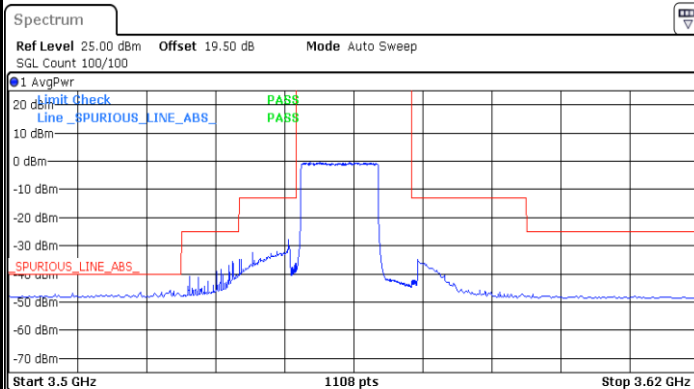
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52688 GHz	-43.97 dBm	-3.97 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53807 GHz	-35.87 dBm	-10.87 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-27.25 dBm	-14.25 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.55000 GHz	-24.35 dBm	-11.35 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55082 GHz	18.85 dBm	-11.15 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57097 GHz	-52.21 dBm	-39.21 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57749 GHz	-43.55 dBm	-30.55 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-47.90 dBm	-22.90 dB

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52361 GHz	-47.45 dBm	-7.45 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53787 GHz	-41.74 dBm	-16.74 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54361 GHz	-37.94 dBm	-24.94 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.55000 GHz	-46.31 dBm	-33.31 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56419 GHz	18.77 dBm	-11.23 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57088 GHz	-42.63 dBm	-29.63 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-39.53 dBm	-26.53 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59728 GHz	-47.49 dBm	-22.49 dB

Lowest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52807 GHz	-45.68 dBm	-5.68 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53896 GHz	-35.55 dBm	-10.55 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54869 GHz	-27.90 dBm	-14.90 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54985 GHz	-36.31 dBm	-23.31 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55237 GHz	-0.40 dBm	-30.40 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57022 GHz	-42.08 dBm	-29.08 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-34.70 dBm	-21.70 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59104 GHz	-47.11 dBm	-22.11 dB

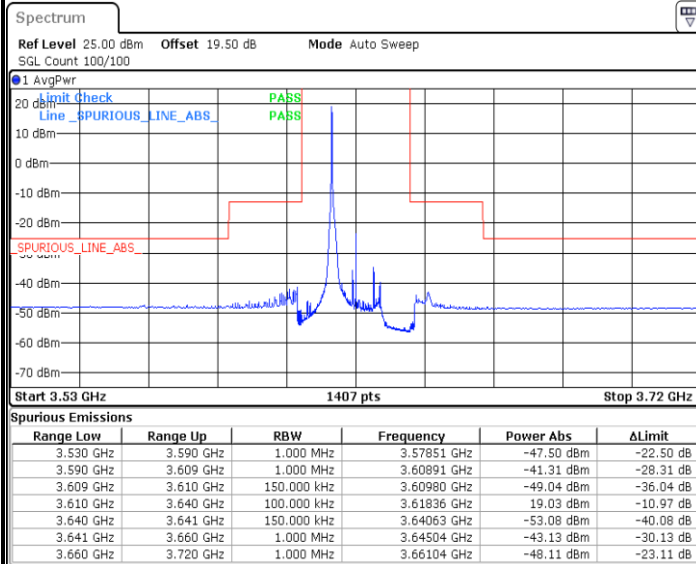
N/A



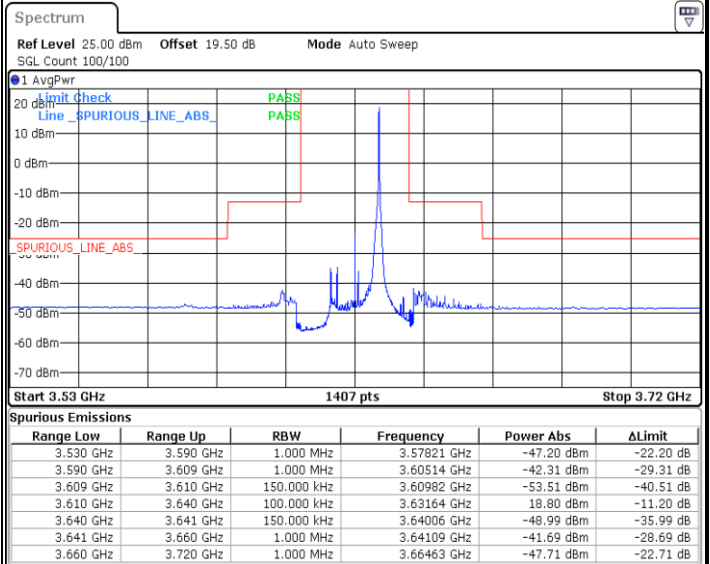
LTE Band 48 / 15MHz

16QAM

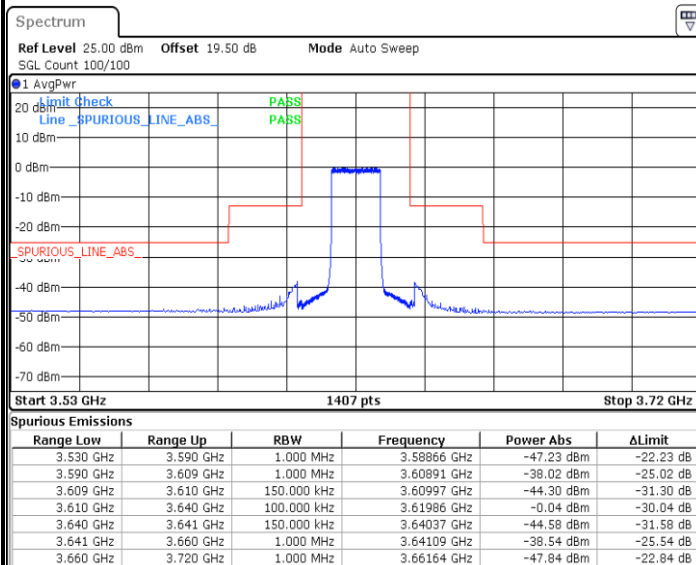
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



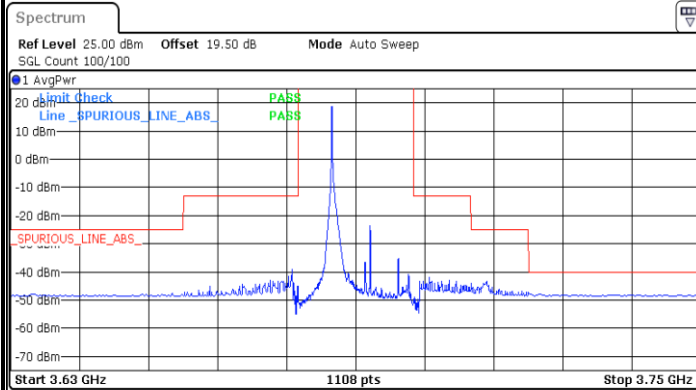
N/A



LTE Band 48 / 15MHz

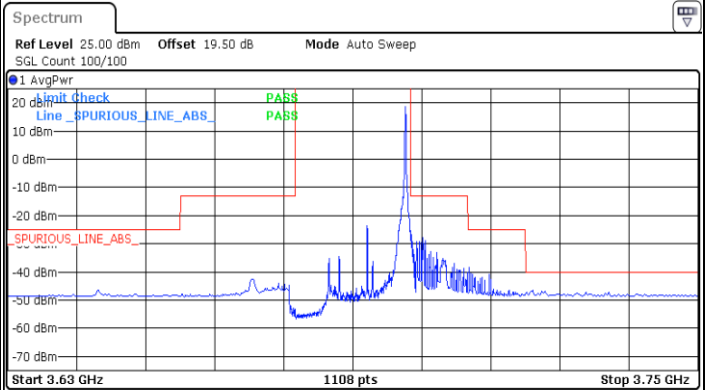
16QAM

Highest Channel / 1RB0



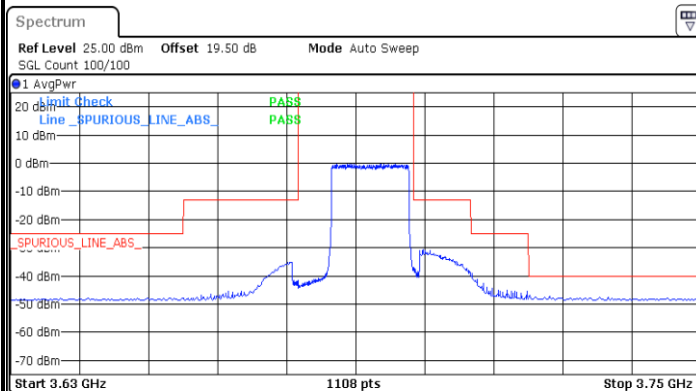
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65807 GHz	-47.70 dBm	-22.70 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-39.13 dBm	-26.13 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67914 GHz	-43.73 dBm	-30.73 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68586 GHz	18.59 dBm	-11.41 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70018 GHz	-48.97 dBm	-35.97 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70274 GHz	-42.07 dBm	-29.07 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71272 GHz	-43.21 dBm	-18.21 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72223 GHz	-47.72 dBm	-7.72 dB

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64589 GHz	-46.43 dBm	-21.43 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67270 GHz	-42.66 dBm	-29.66 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67913 GHz	-51.64 dBm	-38.64 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69913 GHz	18.64 dBm	-11.36 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-25.49 dBm	-12.49 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70220 GHz	-27.93 dBm	-14.93 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-38.55 dBm	-13.55 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72134 GHz	-46.35 dBm	-6.35 dB

Highest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65658 GHz	-47.72 dBm	-22.72 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-35.04 dBm	-22.04 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.68000 GHz	-41.42 dBm	-28.42 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69444 GHz	-0.26 dBm	-30.26 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70006 GHz	-37.12 dBm	-24.12 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70167 GHz	-30.46 dBm	-17.46 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-39.05 dBm	-14.05 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-46.66 dBm	-6.66 dB

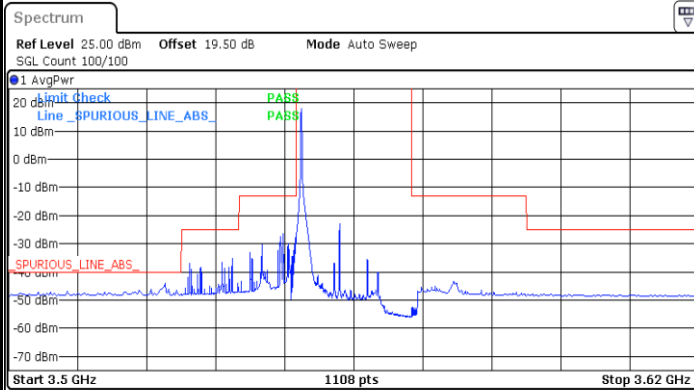
N/A



LTE Band 48 / 15MHz

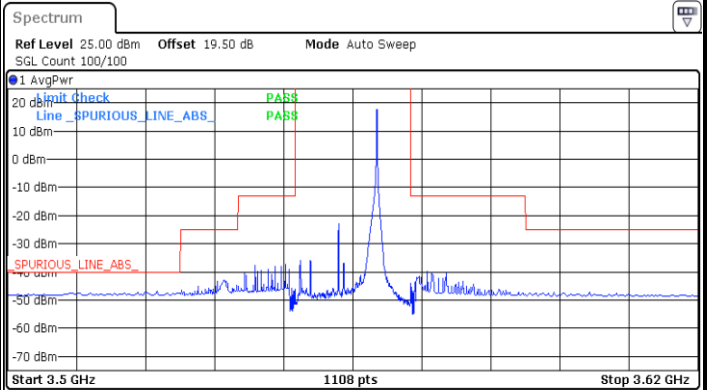
64QAM

Lowest Channel / 1RB0



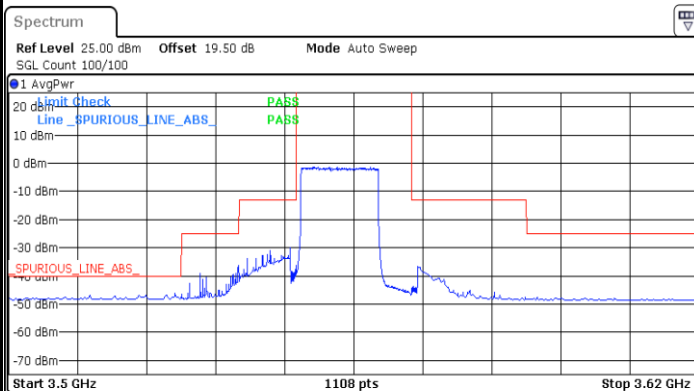
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52718 GHz	-43.92 dBm	-3.92 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53886 GHz	-35.31 dBm	-10.31 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54771 GHz	-26.55 dBm	-13.55 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.55000 GHz	-26.18 dBm	-13.18 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55082 GHz	17.98 dBm	-12.02 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57009 GHz	-52.46 dBm	-39.46 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57730 GHz	-43.40 dBm	-30.40 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59431 GHz	-47.77 dBm	-22.77 dB

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52599 GHz	-46.98 dBm	-6.98 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53757 GHz	-42.91 dBm	-17.91 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54824 GHz	-37.29 dBm	-24.29 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54935 GHz	-45.82 dBm	-32.82 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56414 GHz	17.74 dBm	-12.26 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57086 GHz	-43.22 dBm	-30.22 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57298 GHz	-39.91 dBm	-26.91 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59490 GHz	-47.16 dBm	-22.16 dB

Lowest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52896 GHz	-46.17 dBm	-6.17 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-36.23 dBm	-11.23 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-29.77 dBm	-16.77 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54999 GHz	-36.44 dBm	-23.44 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56289 GHz	-1.43 dBm	-31.43 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57034 GHz	-43.68 dBm	-30.68 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-36.61 dBm	-23.61 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59193 GHz	-47.59 dBm	-22.59 dB

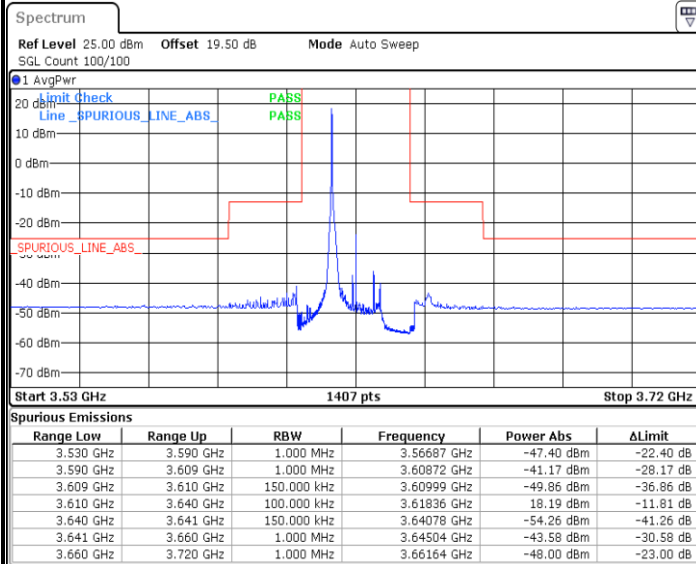
N/A



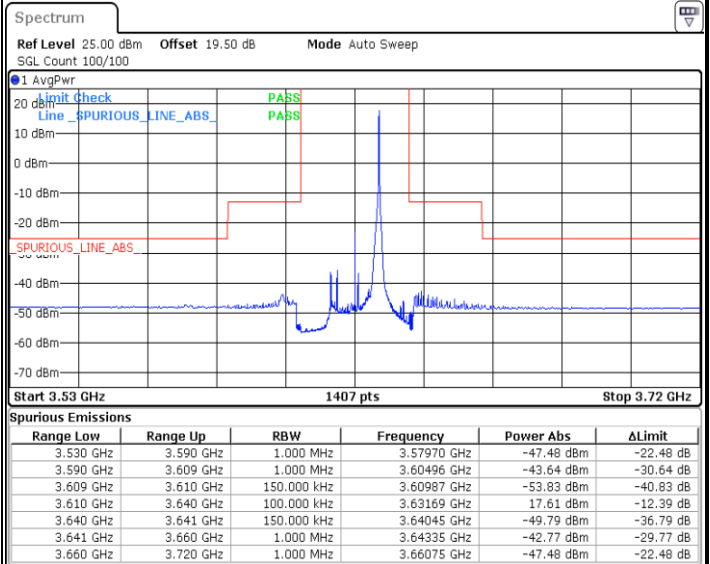
LTE Band 48 / 15MHz

64QAM

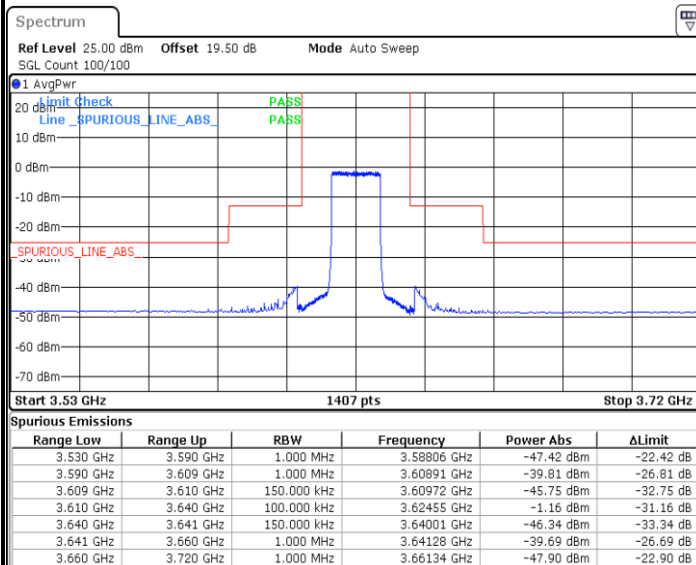
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



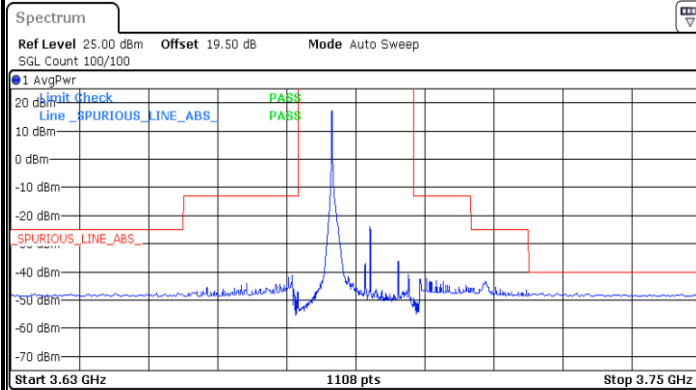
N/A



LTE Band 48 / 15MHz

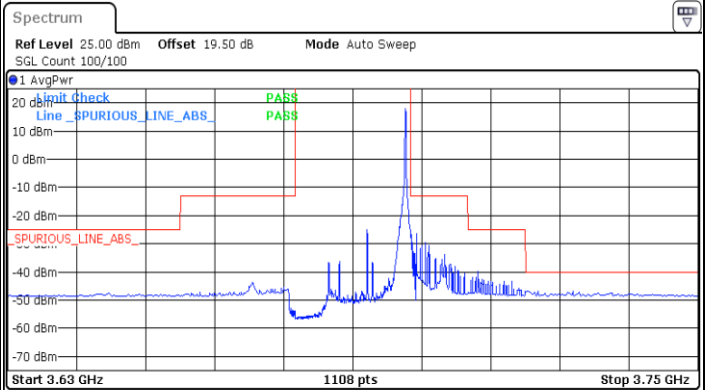
64QAM

Highest Channel / 1RB0



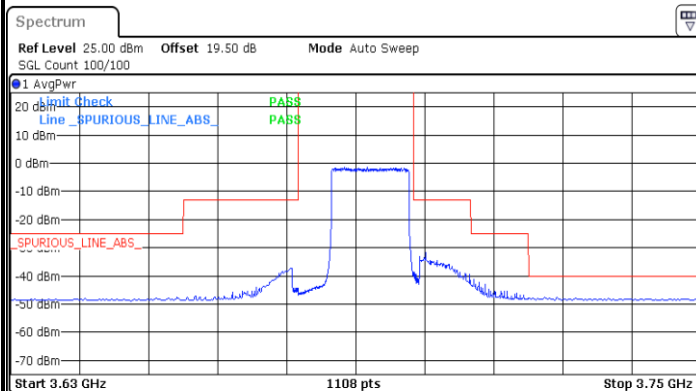
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65540 GHz	-47.39 dBm	-22.39 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-41.29 dBm	-28.29 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67922 GHz	-46.09 dBm	-33.09 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68586 GHz	17.36 dBm	-12.64 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70003 GHz	-49.16 dBm	-36.16 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70229 GHz	-42.27 dBm	-29.27 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71243 GHz	-43.32 dBm	-18.32 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72252 GHz	-47.50 dBm	-7.50 dB

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64767 GHz	-47.67 dBm	-22.67 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67251 GHz	-43.72 dBm	-30.72 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67916 GHz	-52.90 dBm	-39.90 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69918 GHz	17.80 dBm	-12.20 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70001 GHz	-24.89 dBm	-11.89 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-26.47 dBm	-13.47 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71173 GHz	-39.92 dBm	-14.92 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-46.79 dBm	-6.79 dB

Highest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65896 GHz	-47.68 dBm	-22.68 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-37.44 dBm	-24.44 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67963 GHz	-44.36 dBm	-31.36 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68796 GHz	-1.55 dBm	-31.55 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70002 GHz	-38.73 dBm	-25.73 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70220 GHz	-31.68 dBm	-18.68 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71045 GHz	-41.03 dBm	-16.03 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72282 GHz	-47.41 dBm	-7.41 dB

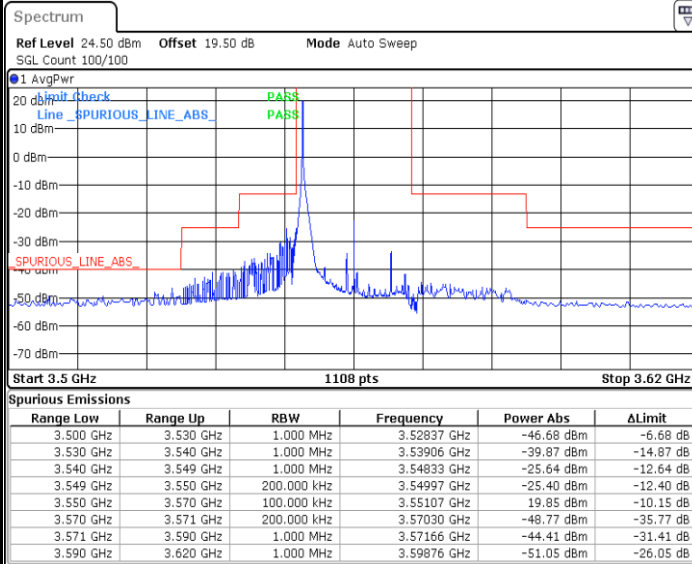
N/A



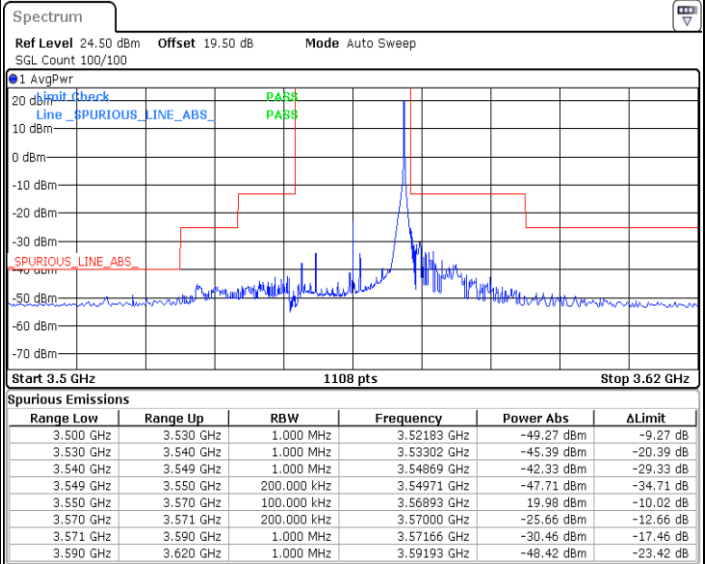
LTE Band 48 / 20MHz

QPSK

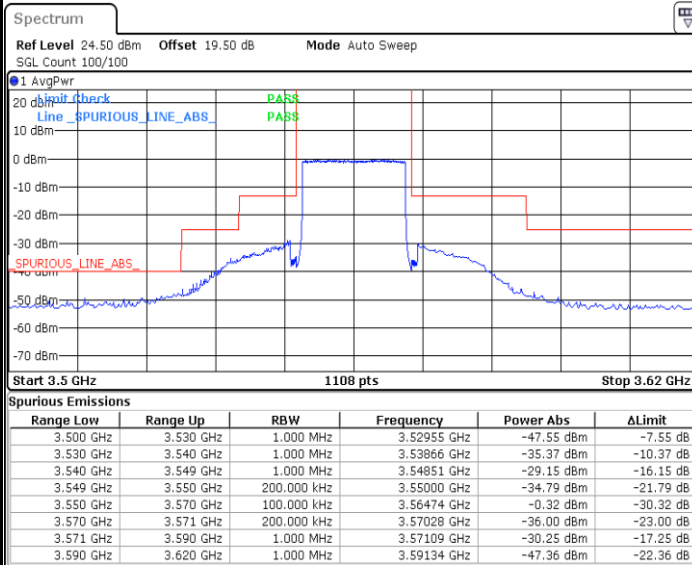
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullIRB



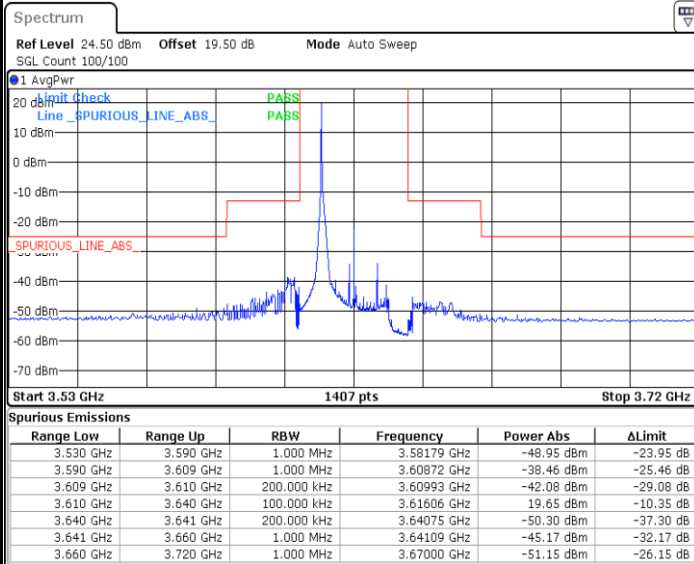
N/A



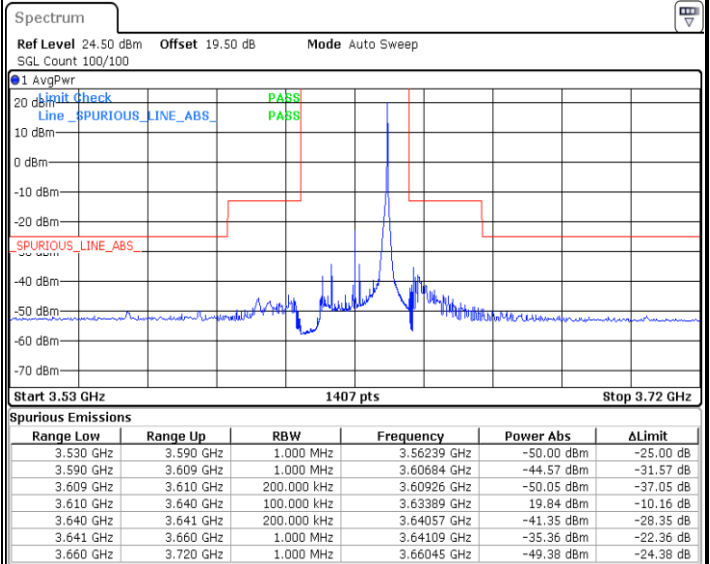
LTE Band 48 / 20MHz

QPSK

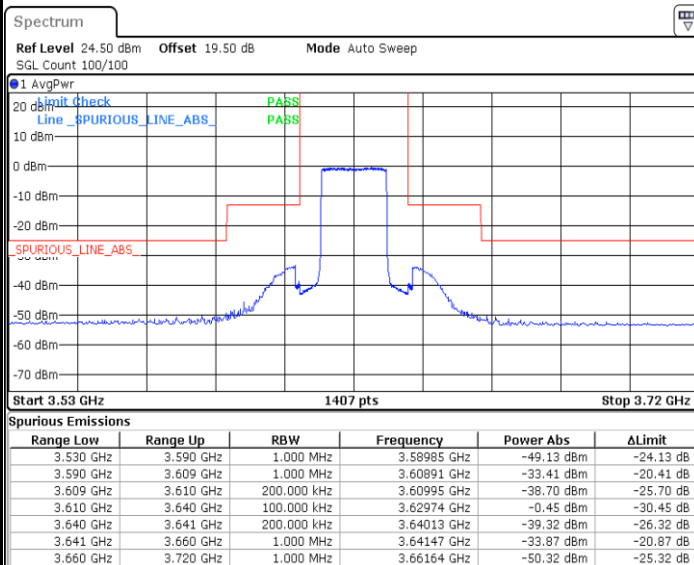
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



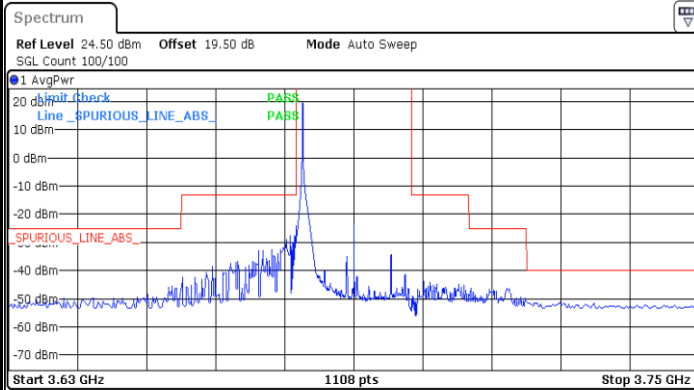
N/A



LTE Band 48 / 20MHz

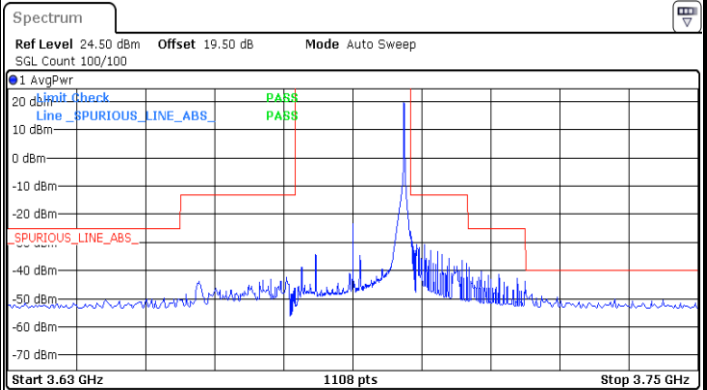
QPSK

Highest Channel / 1RB0



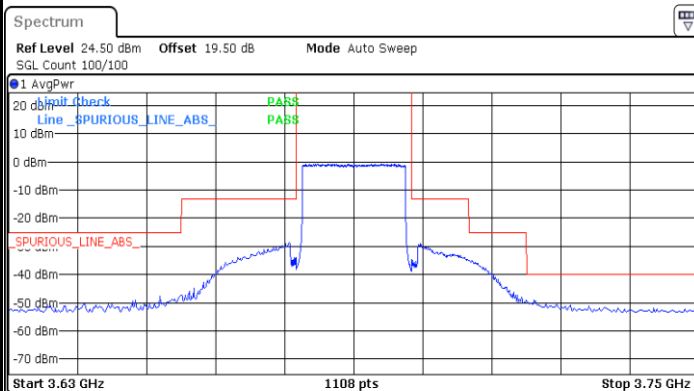
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65837 GHz	-45.49 dBm	-20.49 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-27.78 dBm	-14.78 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67995 GHz	-24.03 dBm	-11.03 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	19.52 dBm	-10.48 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70013 GHz	-49.21 dBm	-36.21 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70211 GHz	-43.69 dBm	-30.69 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-46.10 dBm	-21.10 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72579 GHz	-51.18 dBm	-11.18 dB

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65718 GHz	-49.90 dBm	-24.90 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-42.57 dBm	-29.57 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-46.12 dBm	-33.12 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69888 GHz	19.51 dBm	-10.49 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-26.16 dBm	-13.16 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70247 GHz	-30.74 dBm	-17.74 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71025 GHz	-38.71 dBm	-13.71 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72104 GHz	-48.51 dBm	-8.51 dB

Highest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65629 GHz	-47.72 dBm	-22.72 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-28.80 dBm	-15.80 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67907 GHz	-34.02 dBm	-21.02 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69474 GHz	-0.72 dBm	-30.72 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70007 GHz	-34.74 dBm	-21.74 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70158 GHz	-28.98 dBm	-15.98 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71045 GHz	-35.04 dBm	-10.04 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72134 GHz	-49.05 dBm	-9.05 dB

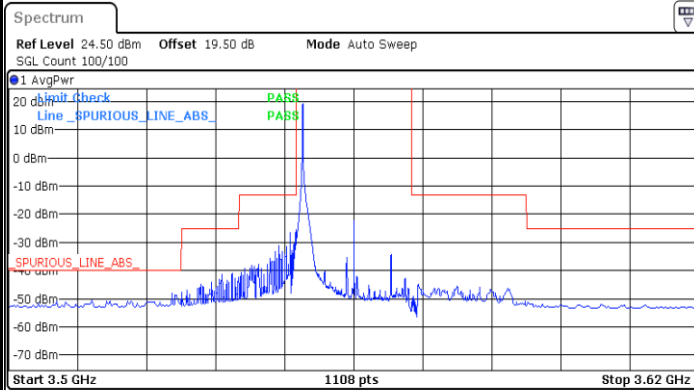
N/A



LTE Band 48 / 20MHz

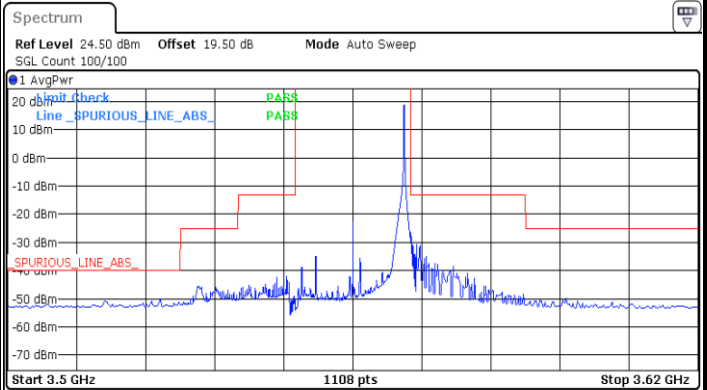
16QAM

Lowest Channel / 1RB0



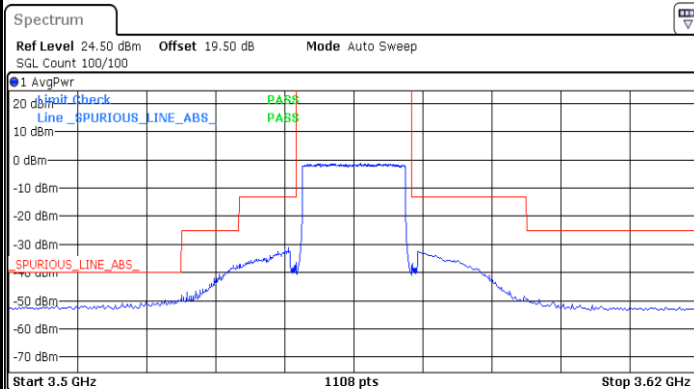
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52837 GHz	-47.95 dBm	-7.95 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53886 GHz	-41.07 dBm	-16.07 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-26.43 dBm	-13.43 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-25.54 dBm	-12.54 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55112 GHz	19.11 dBm	-10.89 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57028 GHz	-49.15 dBm	-36.15 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-44.98 dBm	-31.98 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-51.23 dBm	-26.23 dB

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52658 GHz	-50.26 dBm	-10.26 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53322 GHz	-45.63 dBm	-20.63 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54842 GHz	-41.88 dBm	-28.88 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54979 GHz	-49.26 dBm	-36.26 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	18.86 dBm	-11.14 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-26.48 dBm	-13.48 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-30.75 dBm	-17.75 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59698 GHz	-49.69 dBm	-24.69 dB

Lowest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52718 GHz	-49.77 dBm	-9.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53965 GHz	-37.44 dBm	-12.44 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54860 GHz	-31.14 dBm	-18.14 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-36.31 dBm	-23.31 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56115 GHz	-1.27 dBm	-31.27 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57021 GHz	-36.79 dBm	-23.79 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-32.39 dBm	-19.39 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59223 GHz	-49.49 dBm	-24.49 dB

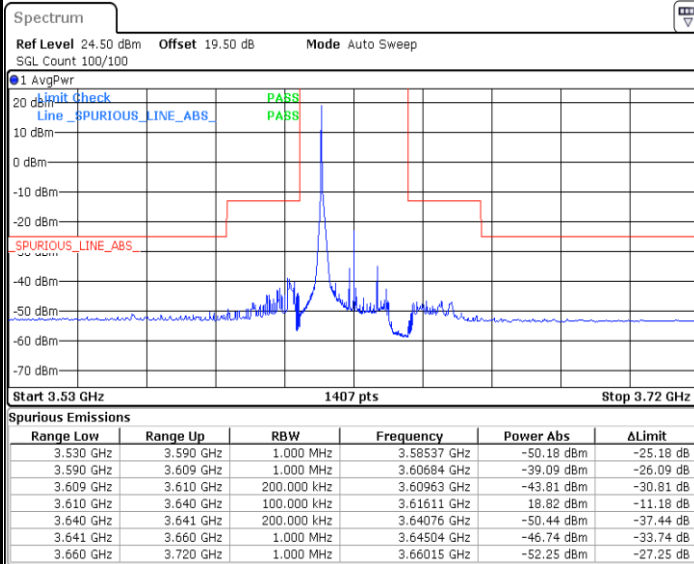
N/A



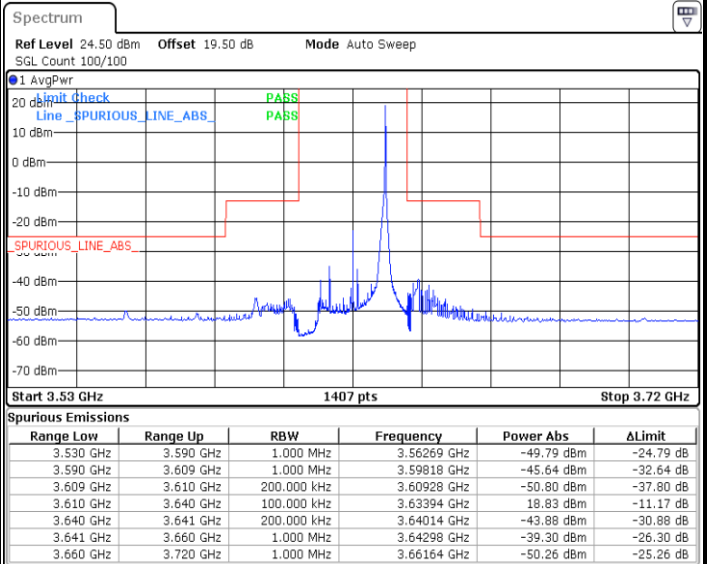
LTE Band 48 / 20MHz

16QAM

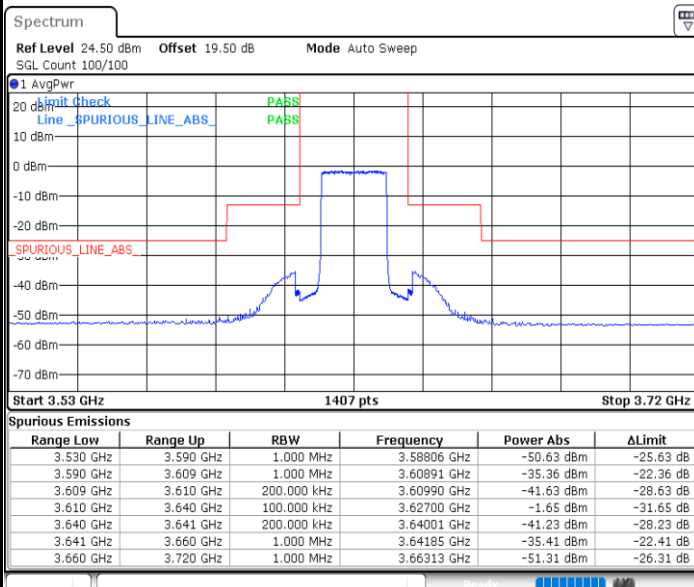
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullIRB



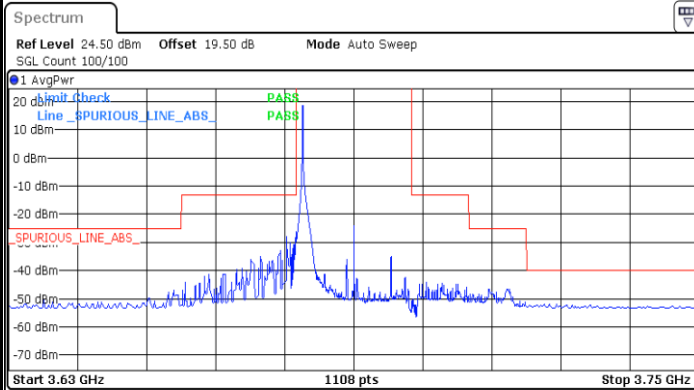
N/A



LTE Band 48 / 20MHz

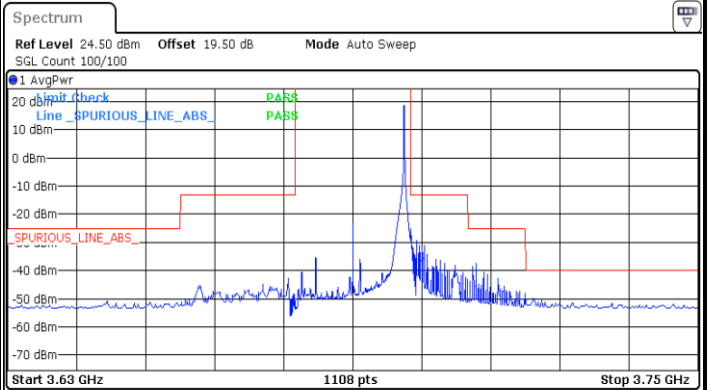
16QAM

Highest Channel / 1RB0



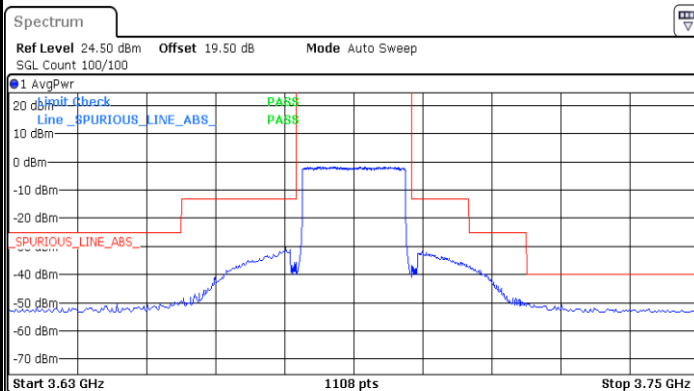
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65866 GHz	-46.97 dBm	-21.97 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67834 GHz	-27.99 dBm	-14.99 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67997 GHz	-26.32 dBm	-13.32 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	18.68 dBm	-11.32 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70036 GHz	-50.19 dBm	-37.19 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70265 GHz	-44.30 dBm	-31.30 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71351 GHz	-46.53 dBm	-21.53 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72401 GHz	-51.98 dBm	-11.98 dB

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64738 GHz	-50.86 dBm	-25.86 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-42.67 dBm	-29.67 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67986 GHz	-48.26 dBm	-35.26 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	18.44 dBm	-11.56 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-25.30 dBm	-12.30 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-29.48 dBm	-16.48 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71134 GHz	-37.31 dBm	-12.31 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72134 GHz	-49.80 dBm	-9.80 dB

Highest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-49.67 dBm	-24.67 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67815 GHz	-30.33 dBm	-17.33 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67965 GHz	-35.66 dBm	-22.66 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69115 GHz	-1.77 dBm	-31.77 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-36.84 dBm	-23.84 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70185 GHz	-31.92 dBm	-18.92 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-37.17 dBm	-12.17 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-50.61 dBm	-10.61 dB

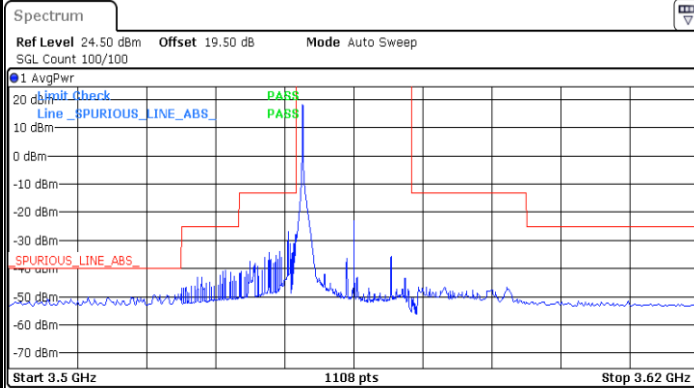
N/A



LTE Band 48 / 20MHz

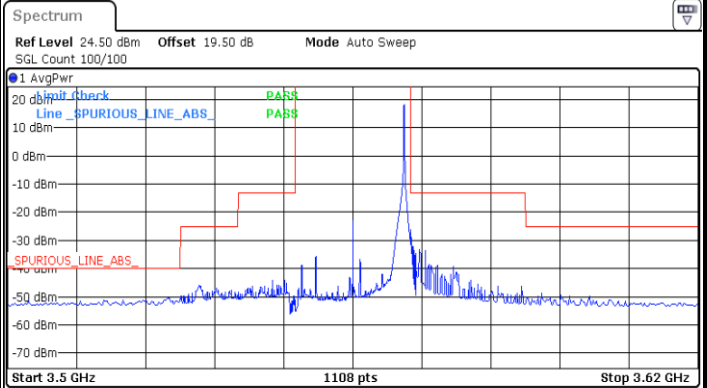
64QAM

Lowest Channel / 1RB0



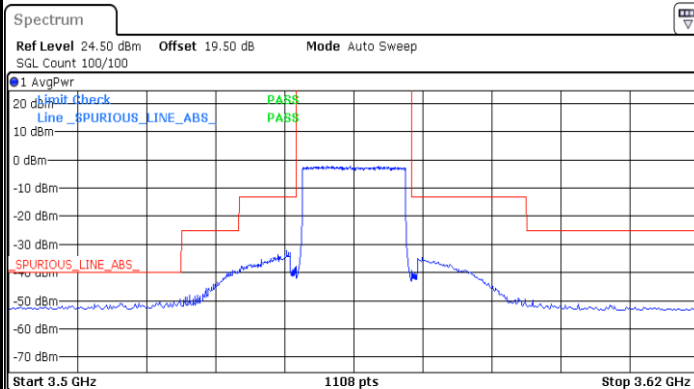
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52955 GHz	-49.12 dBm	-9.12 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53767 GHz	-40.61 dBm	-15.61 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54860 GHz	-26.99 dBm	-13.99 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54989 GHz	-27.81 dBm	-14.81 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	18.20 dBm	-11.80 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57030 GHz	-50.33 dBm	-37.33 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57260 GHz	-46.57 dBm	-33.57 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.60767 GHz	-51.40 dBm	-26.40 dB

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52777 GHz	-50.55 dBm	-10.55 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53322 GHz	-45.77 dBm	-20.77 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54610 GHz	-44.32 dBm	-31.32 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54979 GHz	-49.78 dBm	-36.78 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	18.02 dBm	-11.98 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57005 GHz	-26.33 dBm	-13.33 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57147 GHz	-33.40 dBm	-20.40 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59282 GHz	-48.67 dBm	-23.67 dB

Lowest Channel / FullIRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-49.50 dBm	-9.50 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53896 GHz	-39.40 dBm	-14.40 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54833 GHz	-32.10 dBm	-19.10 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54993 GHz	-37.79 dBm	-24.79 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55940 GHz	-2.26 dBm	-32.26 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-39.27 dBm	-26.27 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57185 GHz	-34.76 dBm	-21.76 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59104 GHz	-49.65 dBm	-24.65 dB

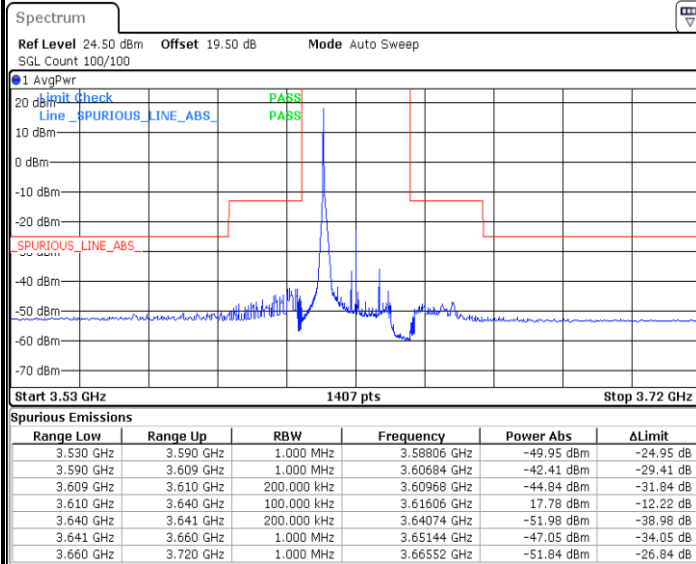
N/A



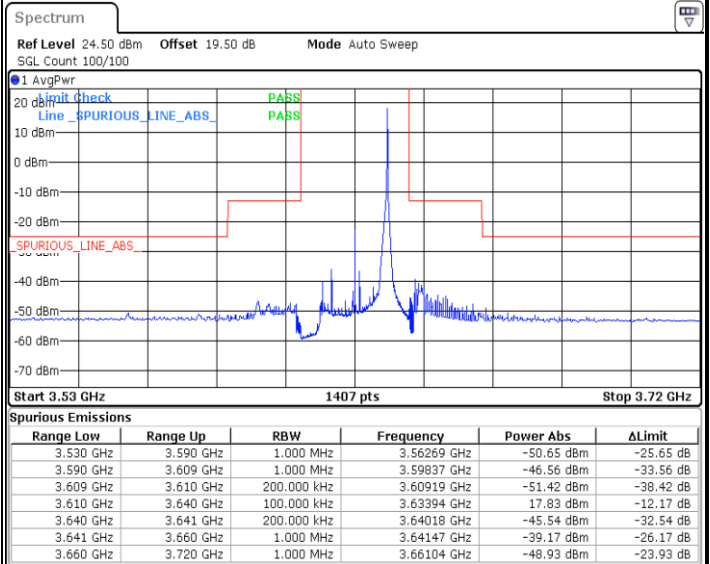
LTE Band 48 / 20MHz

64QAM

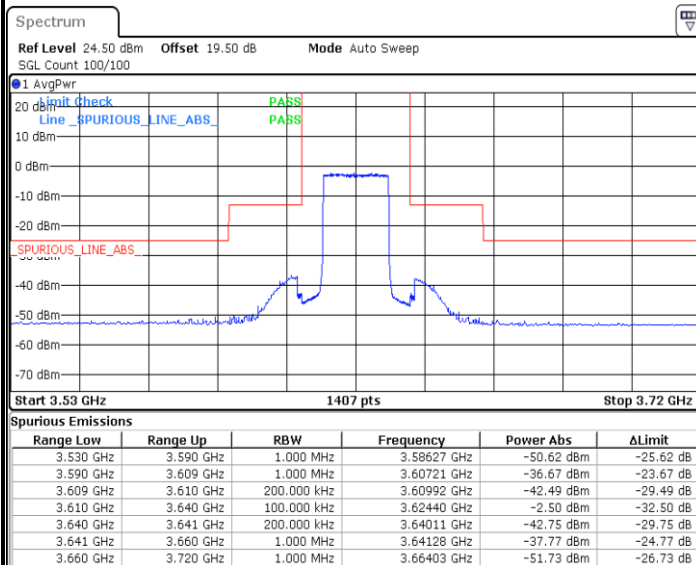
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullIRB



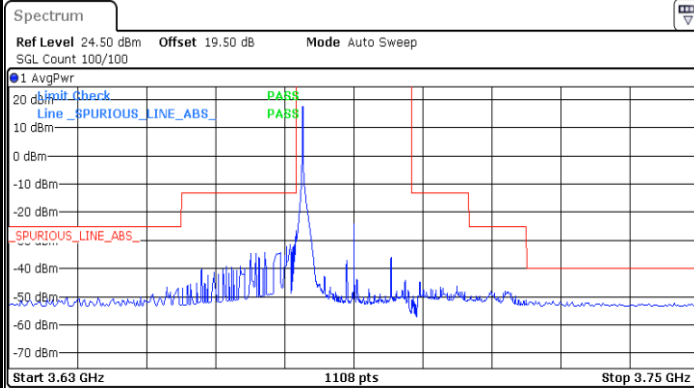
N/A



LTE Band 48 / 20MHz

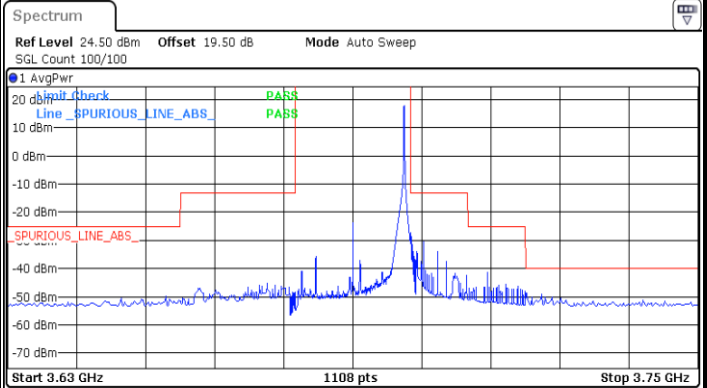
64QAM

Highest Channel / 1RB0



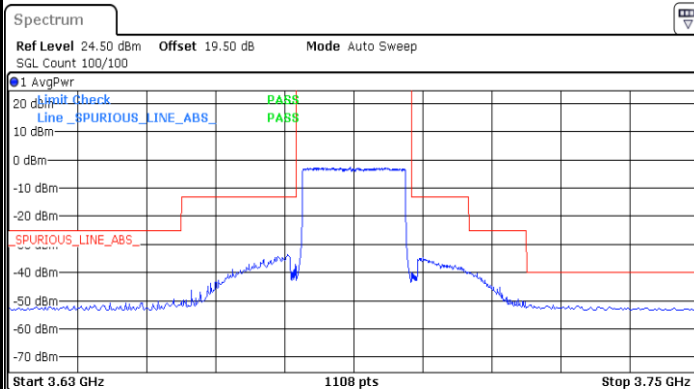
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65748 GHz	-46.74 dBm	-21.74 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-31.52 dBm	-18.52 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-26.57 dBm	-13.57 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	17.54 dBm	-12.46 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70032 GHz	-49.97 dBm	-36.97 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70149 GHz	-44.71 dBm	-31.71 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71381 GHz	-47.92 dBm	-22.92 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72163 GHz	-51.63 dBm	-11.63 dB

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65748 GHz	-49.96 dBm	-24.96 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67514 GHz	-45.18 dBm	-32.18 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-48.25 dBm	-35.25 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	17.76 dBm	-12.24 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-27.32 dBm	-14.32 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70229 GHz	-30.27 dBm	-17.27 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71342 GHz	-41.45 dBm	-16.45 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.63 dBm	-8.63 dB

Highest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65866 GHz	-49.45 dBm	-24.45 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-33.59 dBm	-20.59 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67989 GHz	-37.09 dBm	-24.09 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68935 GHz	-2.77 dBm	-32.77 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70005 GHz	-39.83 dBm	-26.83 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70194 GHz	-34.58 dBm	-21.58 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71025 GHz	-39.90 dBm	-14.90 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72074 GHz	-51.44 dBm	-11.44 dB

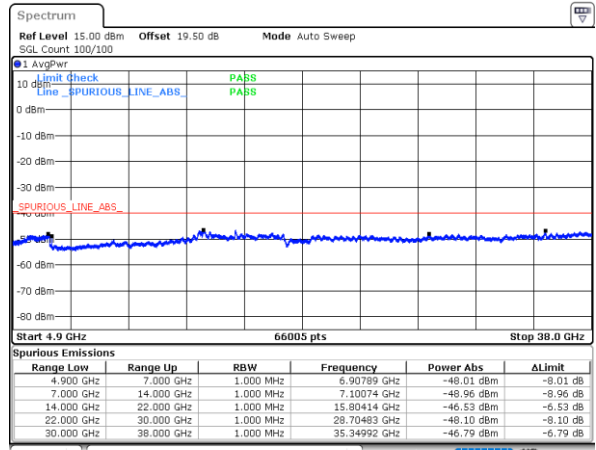
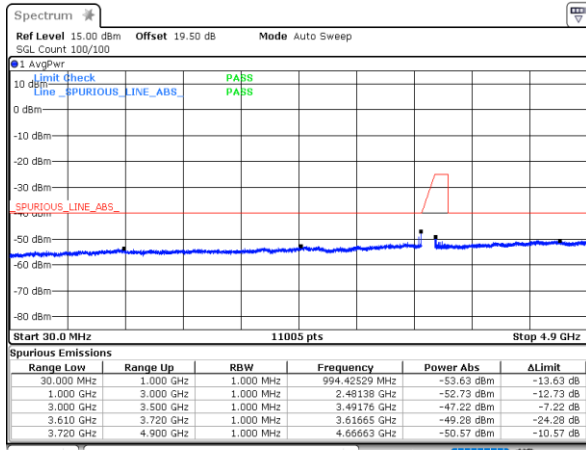
N/A



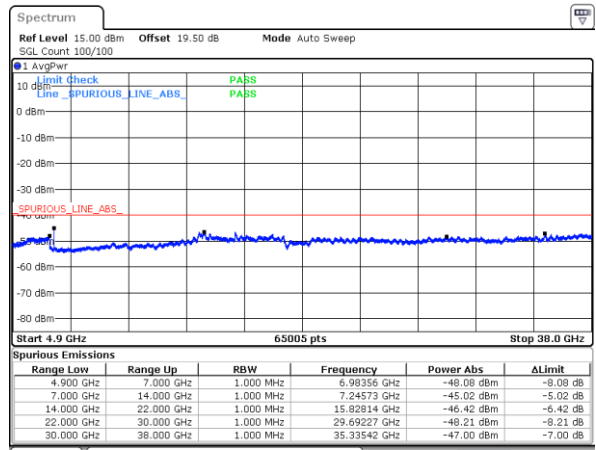
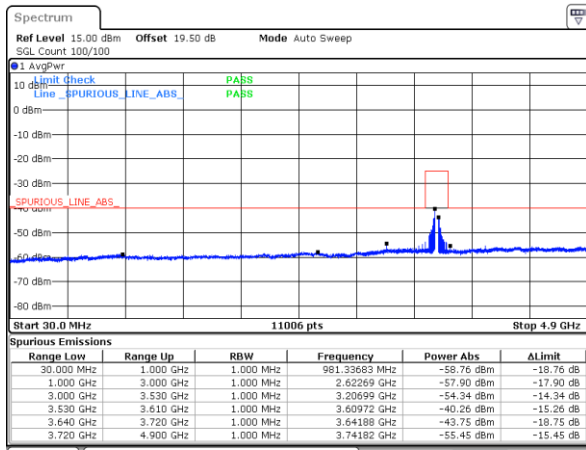
Conducted Spurious Emission

LTE Band 48 / 5MHz

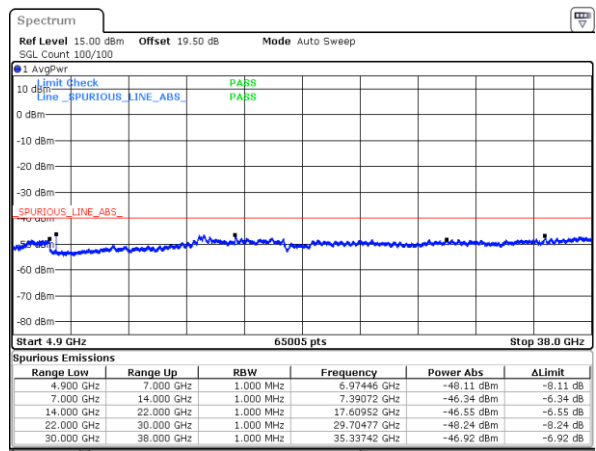
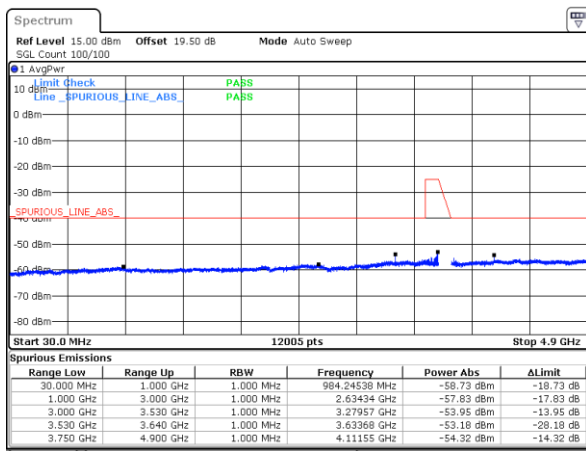
Lowest Channel / QPSK



Middle Channel / QPSK



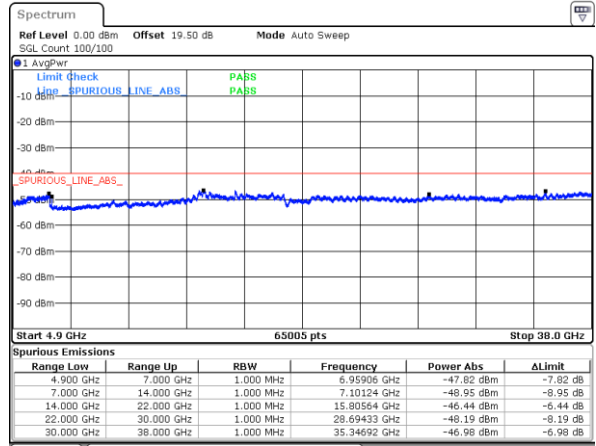
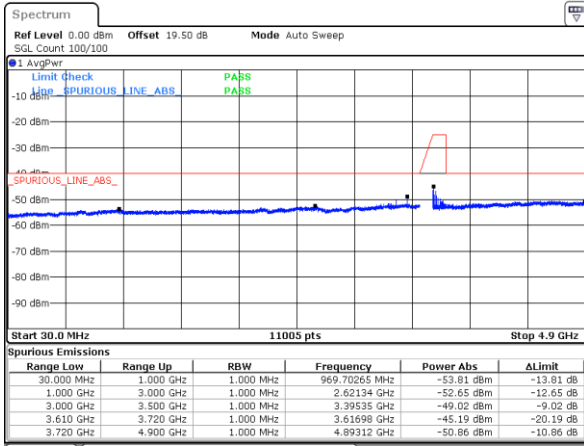
Highest Channel / QPSK



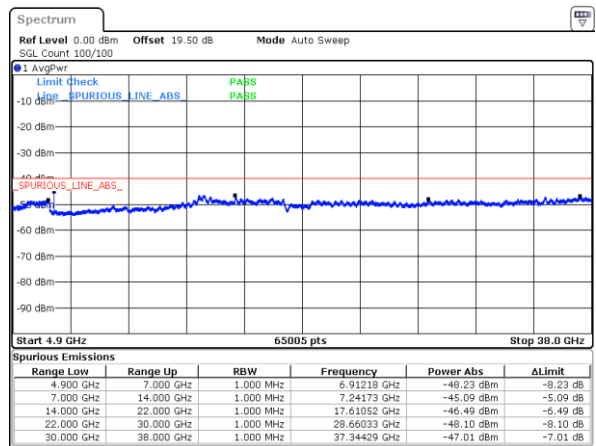
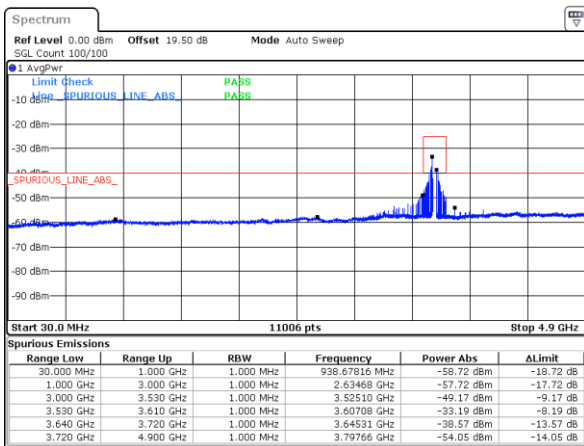


LTE Band 48 / 10MHz

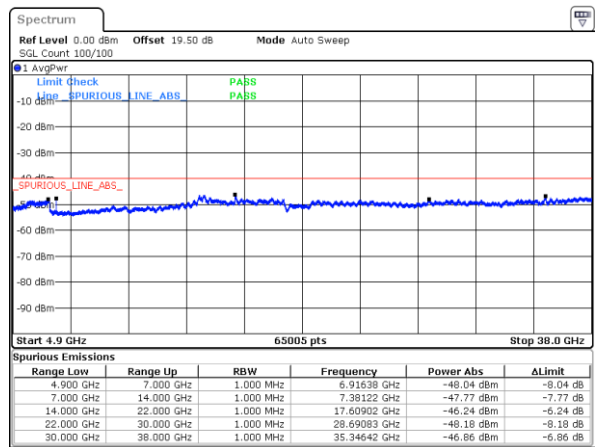
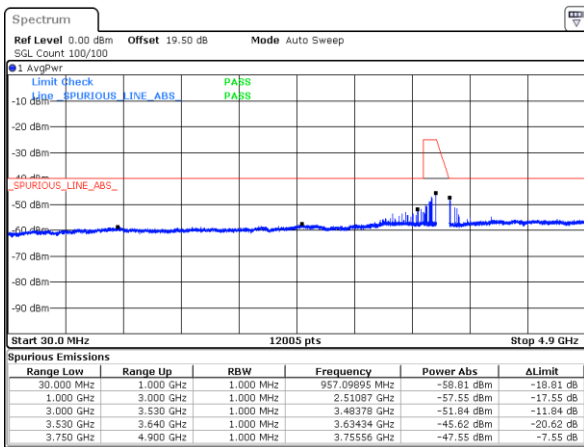
Lowest Channel / QPSK



Middle Channel / QPSK



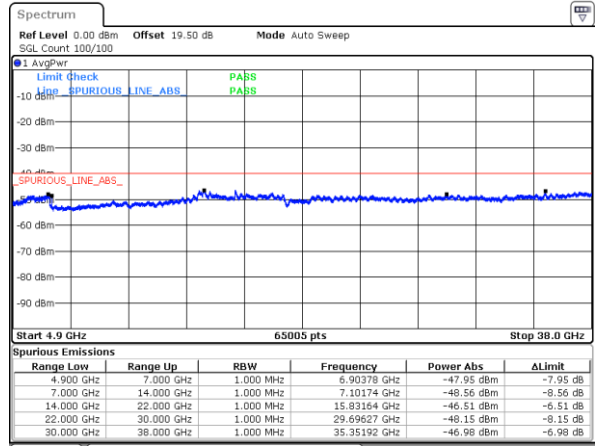
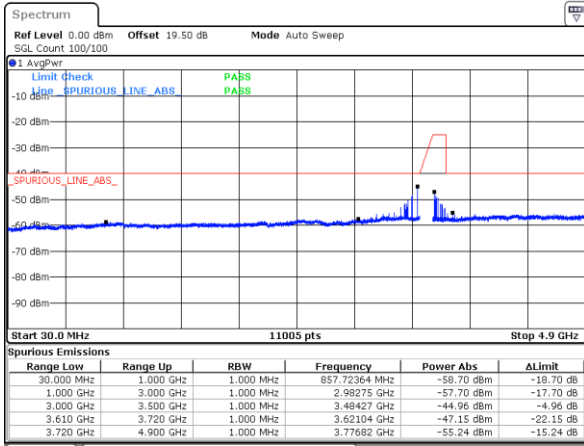
Highest Channel / QPSK



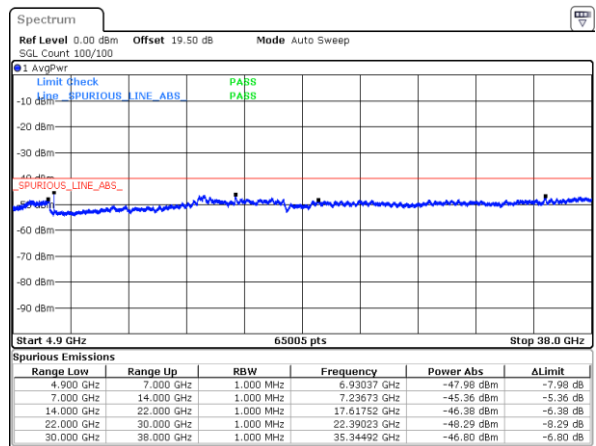
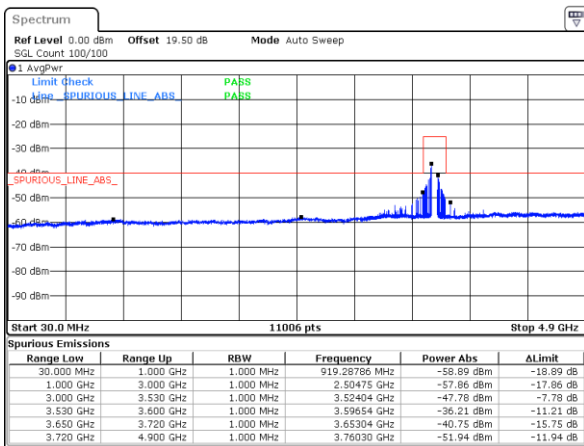


LTE Band 48 / 15MHz

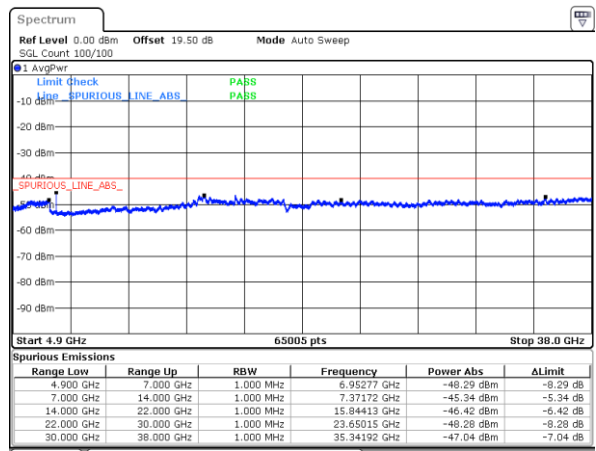
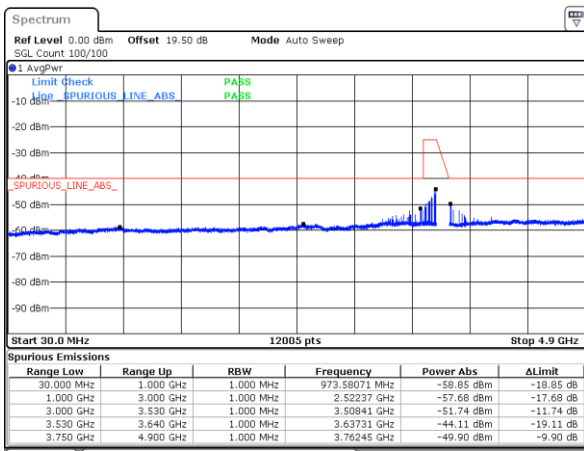
Lowest Channel / QPSK



Middle Channel / QPSK



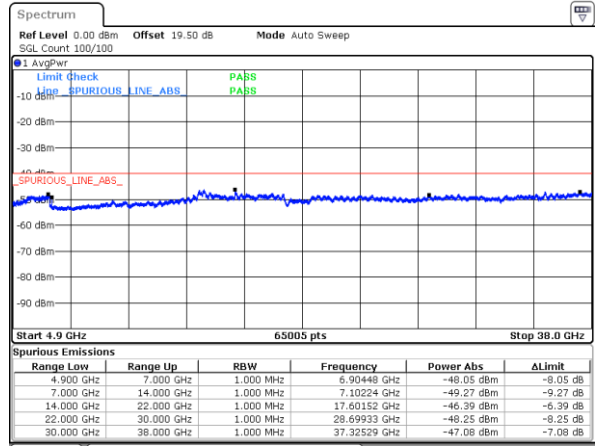
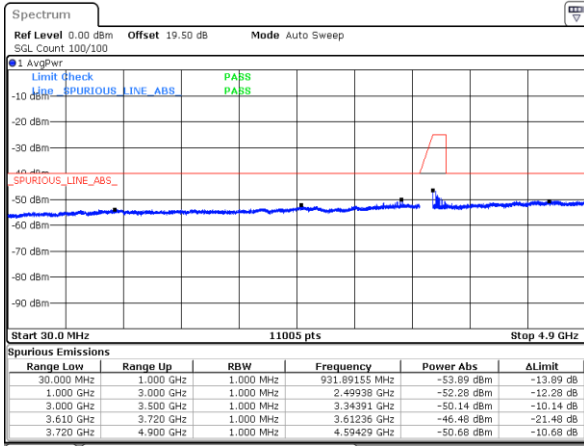
Highest Channel / QPSK



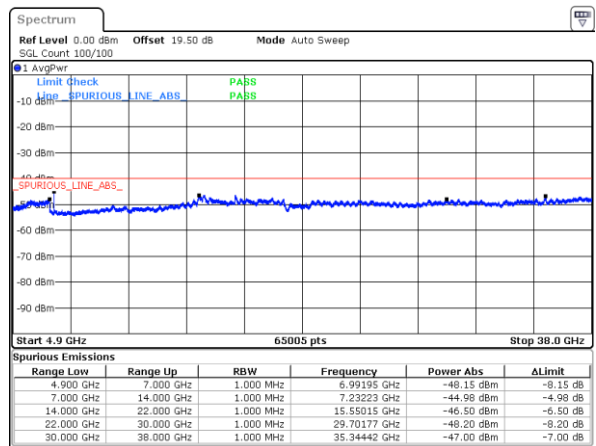
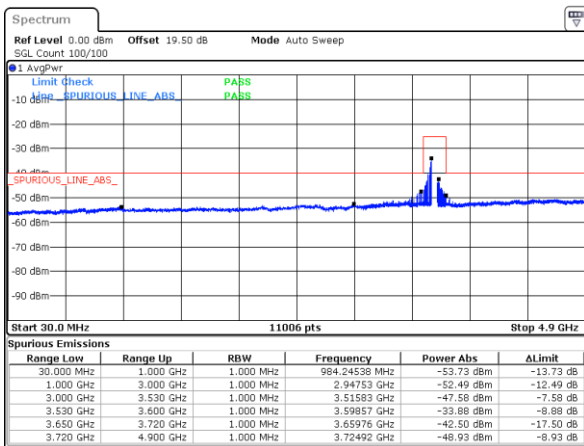


LTE Band 48 / 20MHz

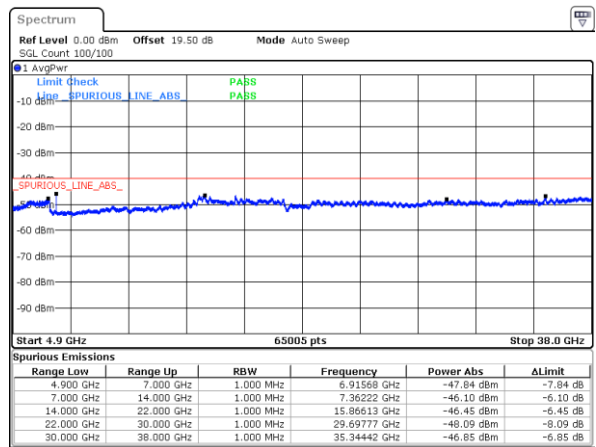
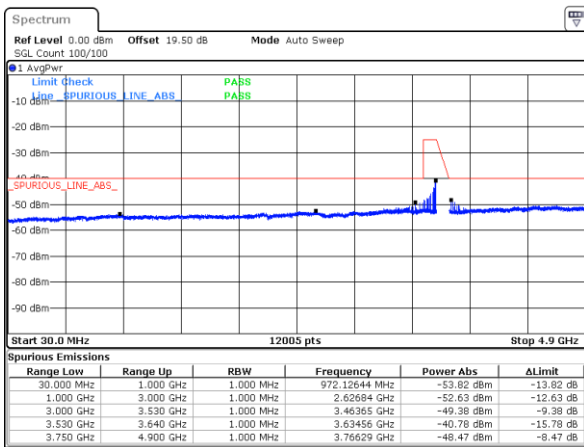
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0028	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 48C

26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.73	29.85	34.76	25.03
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.91	34.83	39.80	-

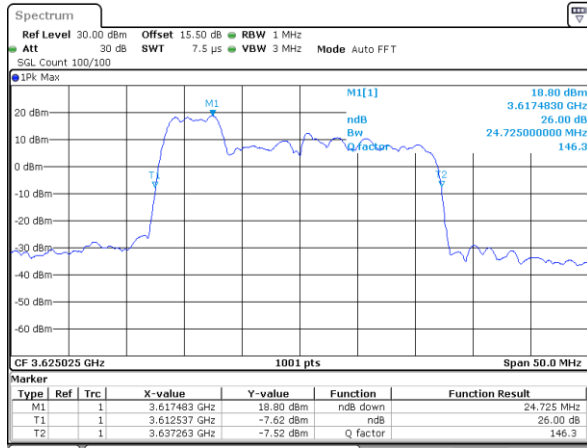
Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.88	29.79	34.76	24.78
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.85	34.62	39.80	-



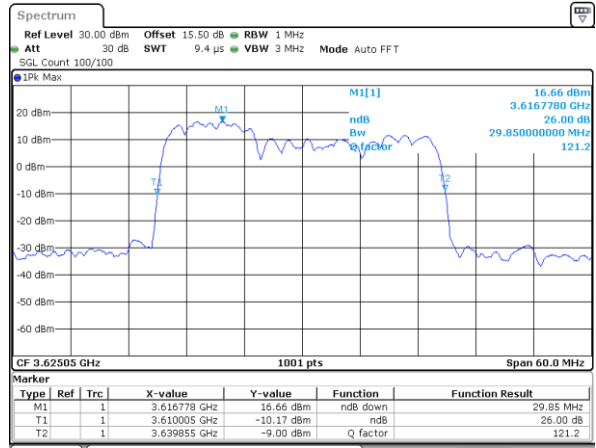
LTE Band 48C

QPSK

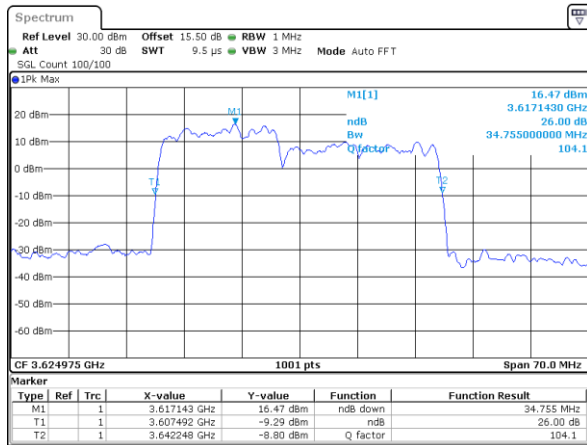
Middle Channel / 5MHz+20MHz



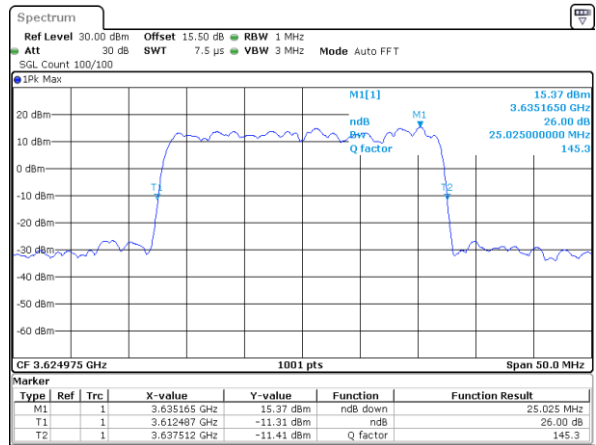
Middle Channel / 10MHz+20MHz



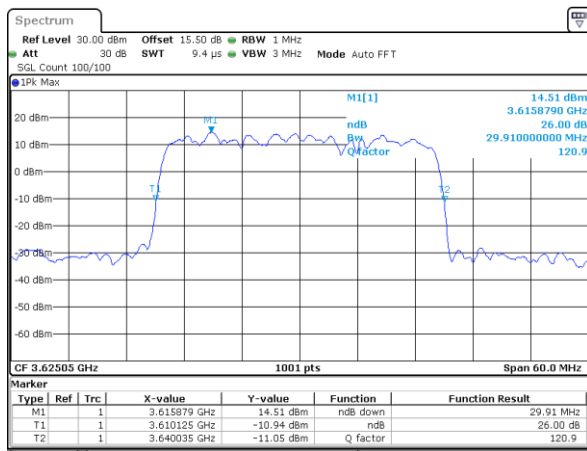
Middle Channel / 15MHz+20MHz



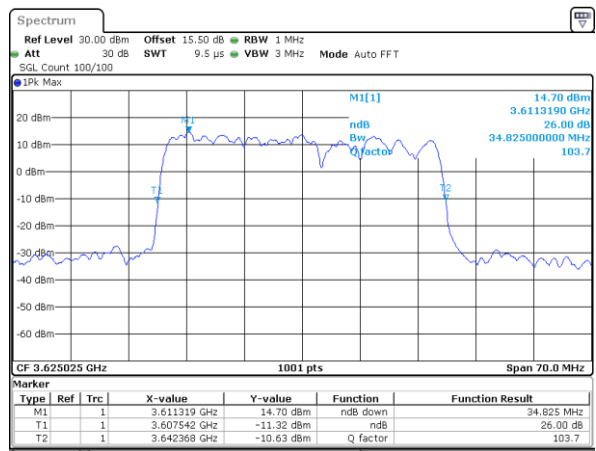
Middle Channel / 20MHz+5MHz

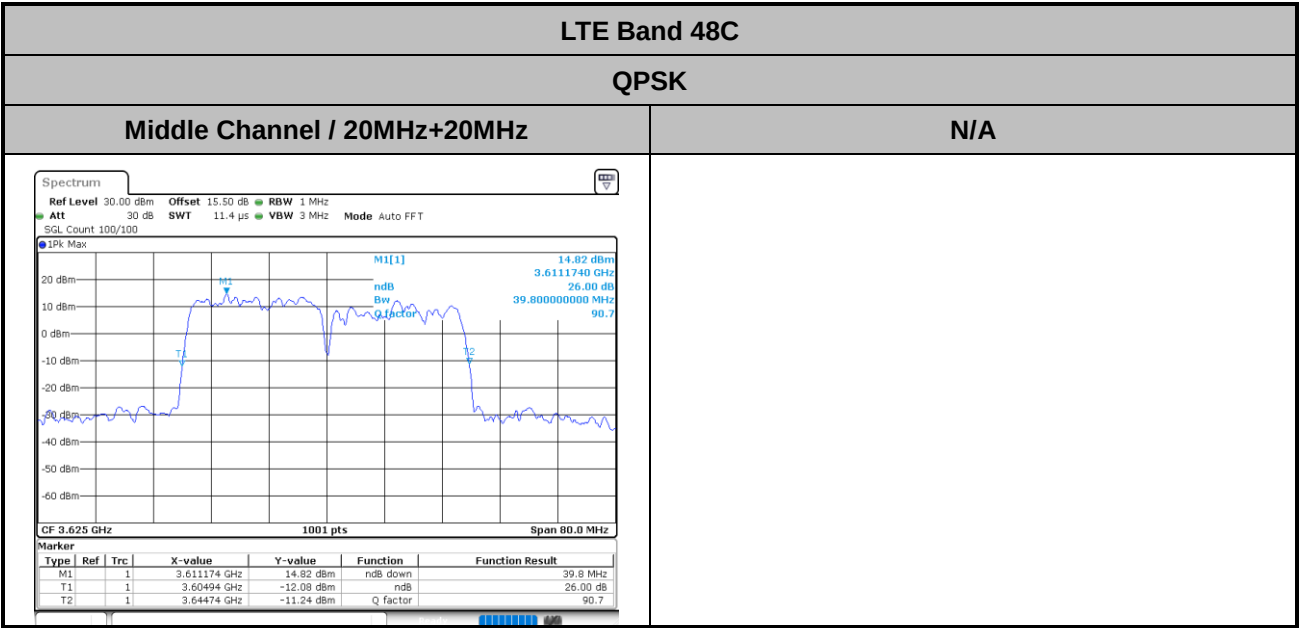


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



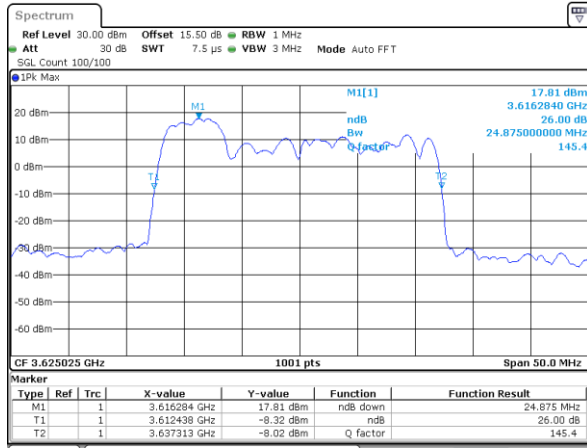




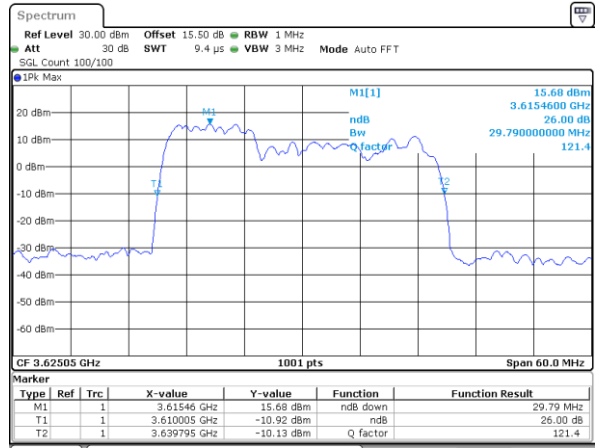
LTE Band 48C

16QAM

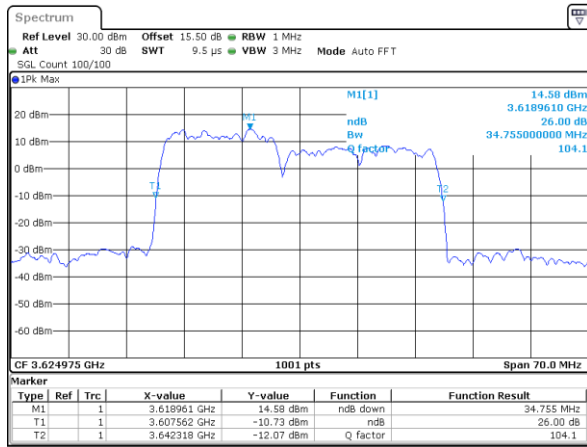
Middle Channel / 5MHz+20MHz



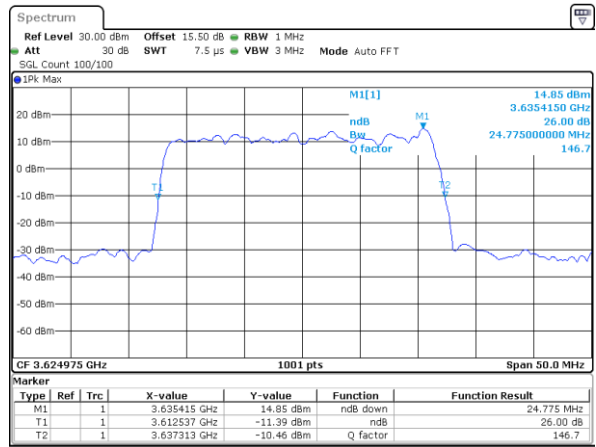
Middle Channel / 10MHz+20MHz



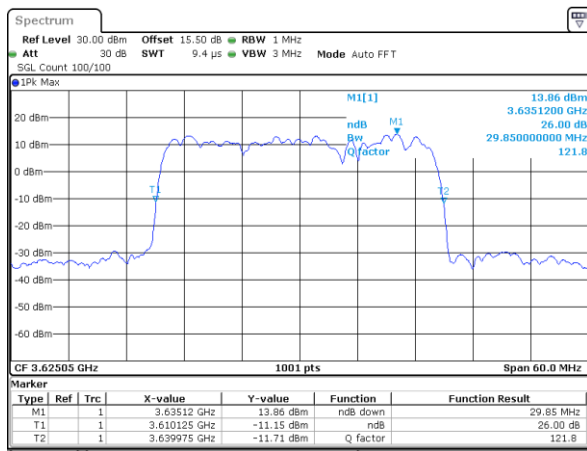
Middle Channel / 15MHz+20MHz



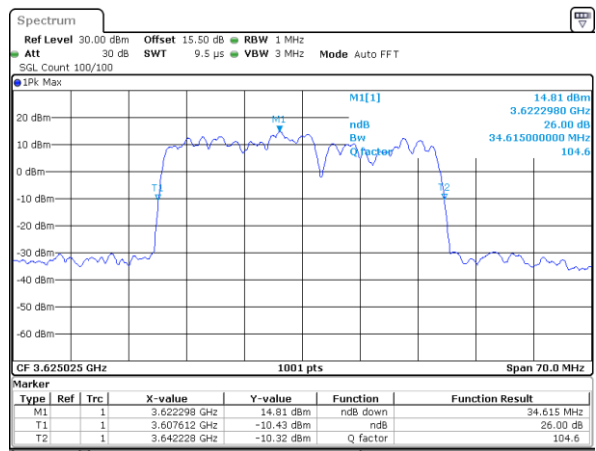
Middle Channel / 20MHz+5MHz

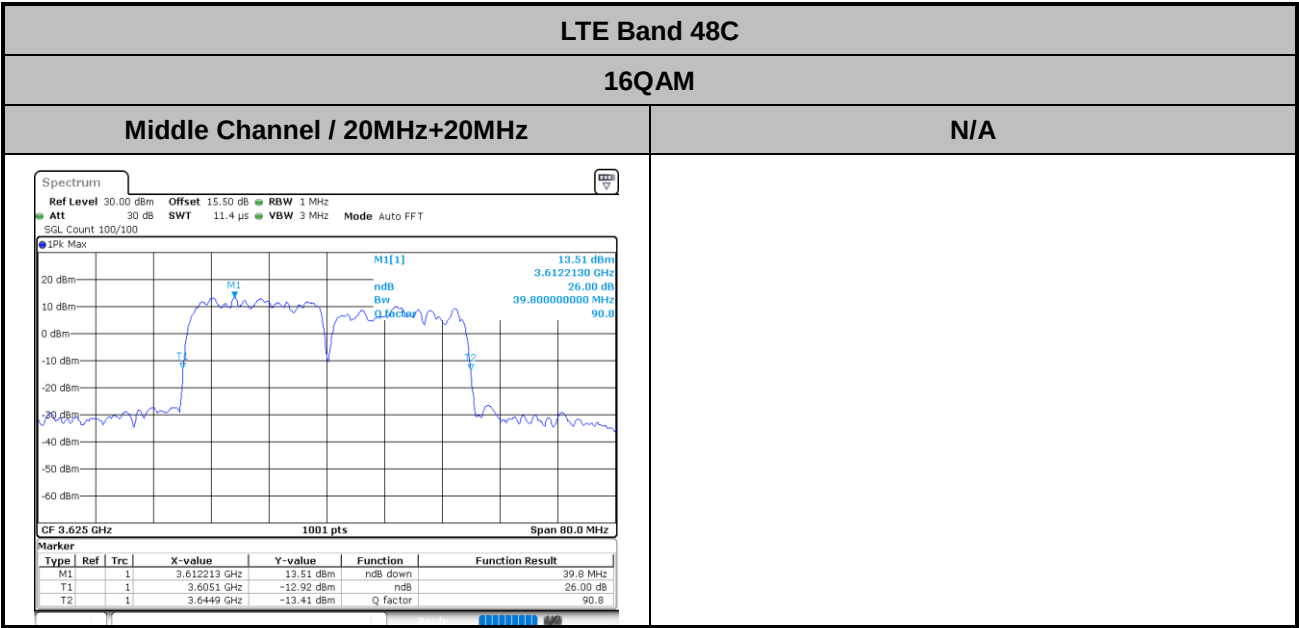


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz





Occupied Bandwidth

Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.03	28.11	32.73	23.08
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.31	37.56	-

Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	22.98	27.81	32.73	23.23
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.80	37.32	-