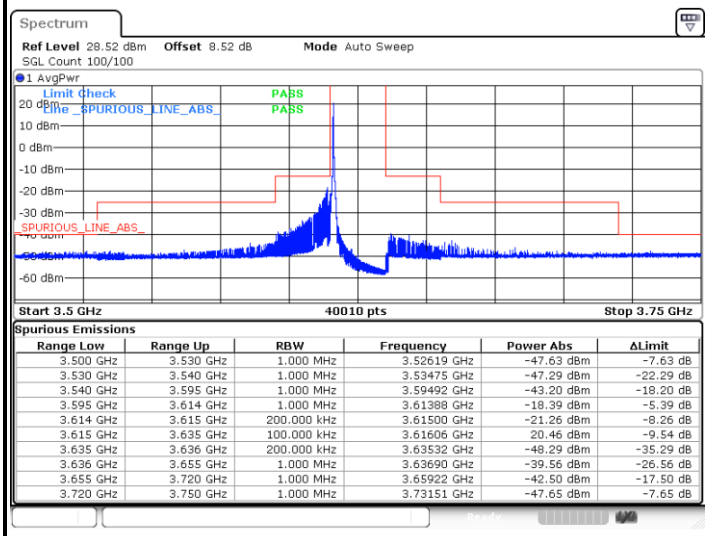
LTE Band 48 / 20MHz

QPSK

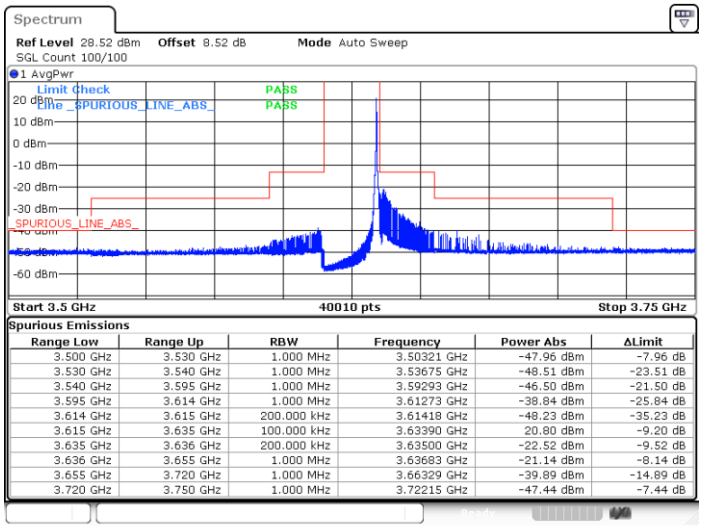
Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52619 GHz	-47.63 dBm	-7.63 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53475 GHz	-47.29 dBm	-22.29 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59492 GHz	-43.20 dBm	-18.20 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61388 GHz	-18.39 dBm	-5.39 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61500 GHz	-21.26 dBm	-8.26 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61606 GHz	20.46 dBm	-9.54 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63532 GHz	-48.29 dBm	-35.29 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63690 GHz	-39.56 dBm	-26.56 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65922 GHz	-42.50 dBm	-17.50 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73151 GHz	-47.65 dBm	-7.65 dB

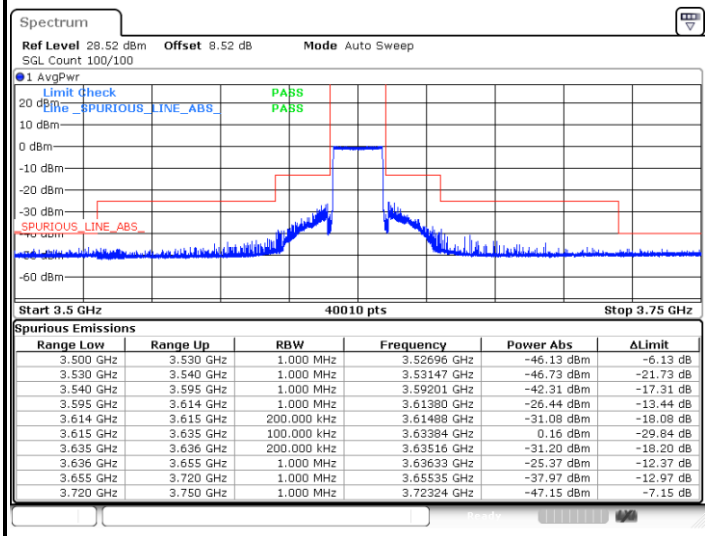
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50321 GHz	-47.96 dBm	-7.96 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53675 GHz	-48.51 dBm	-23.51 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59293 GHz	-46.50 dBm	-21.50 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61273 GHz	-38.84 dBm	-25.84 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61418 GHz	-48.23 dBm	-35.23 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63390 GHz	20.80 dBm	-9.20 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63500 GHz	-22.52 dBm	-9.52 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63683 GHz	-21.14 dBm	-8.14 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66329 GHz	-39.89 dBm	-14.89 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72215 GHz	-47.44 dBm	-7.44 dB

Middle Channel / Full



Spurious Emissions

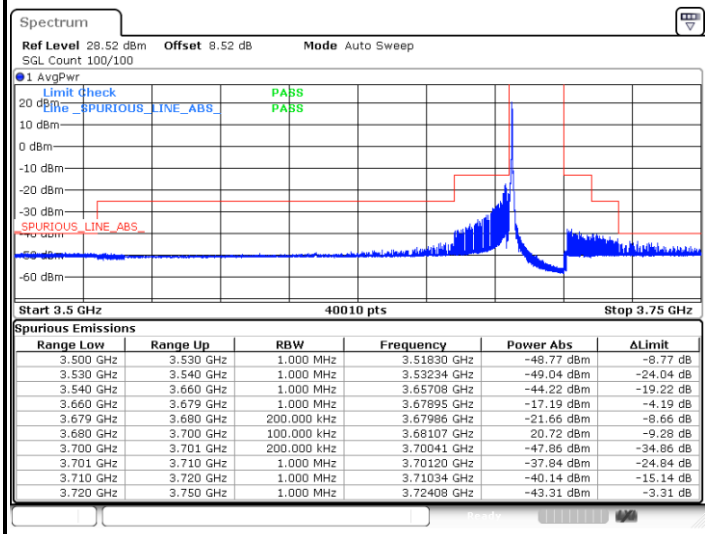
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52696 GHz	-46.13 dBm	-6.13 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53147 GHz	-46.73 dBm	-21.73 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59201 GHz	-42.31 dBm	-17.31 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61380 GHz	-26.44 dBm	-13.44 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61488 GHz	-31.08 dBm	-18.08 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63384 GHz	0.16 dBm	-29.84 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63516 GHz	-31.20 dBm	-18.20 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63633 GHz	-25.37 dBm	-12.37 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65535 GHz	-37.97 dBm	-12.97 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72324 GHz	-47.15 dBm	-7.15 dB

N/A

LTE Band 48 / 20MHz

QPSK

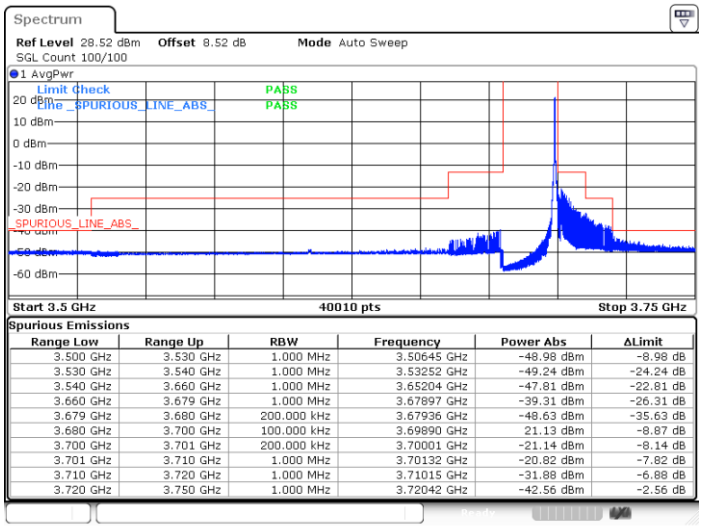
Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51830 GHz	-48.77 dBm	-8.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53234 GHz	-49.04 dBm	-24.04 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65708 GHz	-44.22 dBm	-19.22 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67895 GHz	-17.19 dBm	-4.19 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67986 GHz	-21.66 dBm	-8.66 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	20.72 dBm	-9.28 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70041 GHz	-47.86 dBm	-34.86 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70120 GHz	-37.84 dBm	-24.84 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71034 GHz	-40.14 dBm	-15.14 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72408 GHz	-43.31 dBm	-3.31 dB

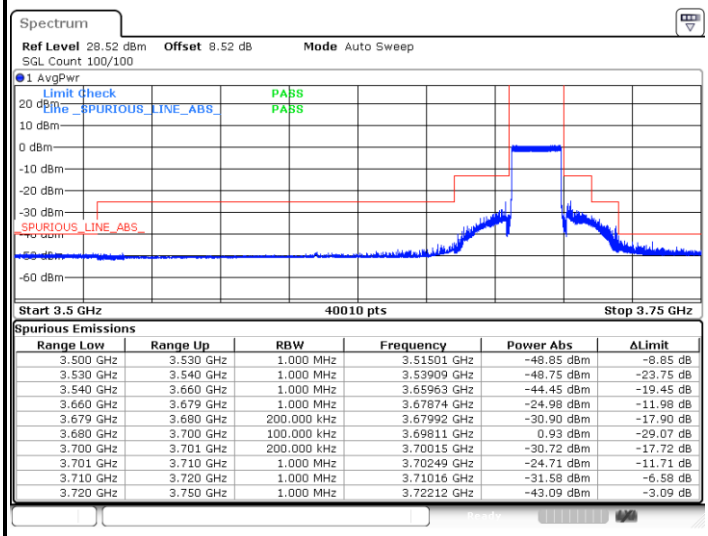
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50645 GHz	-48.98 dBm	-8.98 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53252 GHz	-49.24 dBm	-24.24 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65204 GHz	-47.81 dBm	-22.81 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67897 GHz	-39.31 dBm	-26.31 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67936 GHz	-48.63 dBm	-35.63 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69890 GHz	21.13 dBm	-8.87 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-21.14 dBm	-8.14 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70132 GHz	-20.82 dBm	-7.82 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-31.88 dBm	-6.88 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72042 GHz	-42.56 dBm	-2.56 dB

Highest Channel / Full RB



Spurious Emissions

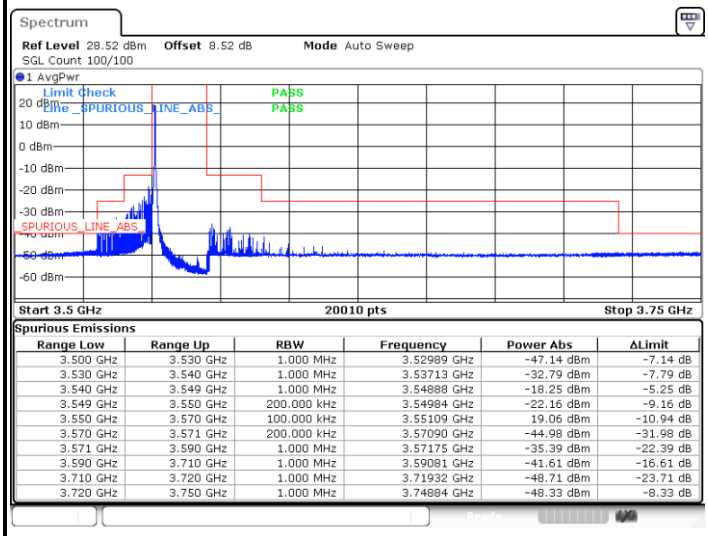
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51501 GHz	-48.85 dBm	-8.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53909 GHz	-48.75 dBm	-23.75 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65963 GHz	-44.45 dBm	-19.45 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67874 GHz	-24.98 dBm	-11.98 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67992 GHz	-30.90 dBm	-17.90 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69811 GHz	0.93 dBm	-29.07 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70015 GHz	-30.72 dBm	-17.72 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70249 GHz	-24.71 dBm	-11.71 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71016 GHz	-31.58 dBm	-6.58 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72212 GHz	-43.09 dBm	-3.09 dB

N/A

LTE Band 48 / 20MHz

16QAM

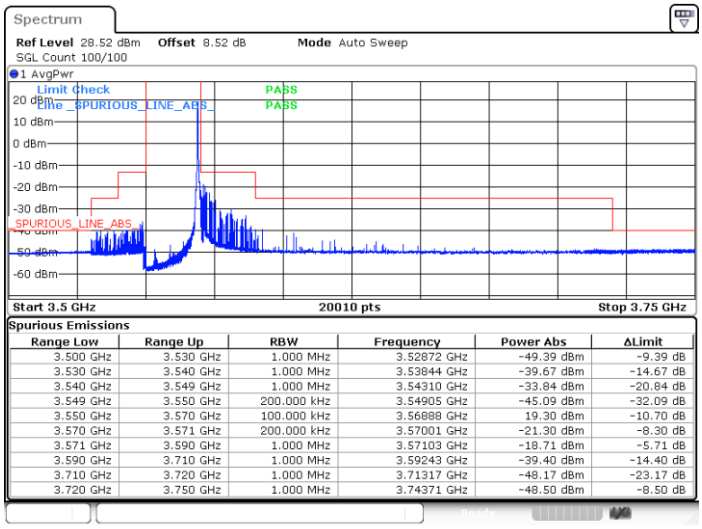
Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52989 GHz	-47.14 dBm	-7.14 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53713 GHz	-32.79 dBm	-7.79 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54888 GHz	-18.25 dBm	-5.25 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54984 GHz	-22.16 dBm	-9.16 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55109 GHz	19.06 dBm	-10.94 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57090 GHz	-44.98 dBm	-31.98 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57175 GHz	-35.39 dBm	-22.39 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59081 GHz	-41.61 dBm	-16.61 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71932 GHz	-48.71 dBm	-23.71 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74884 GHz	-48.33 dBm	-8.33 dB

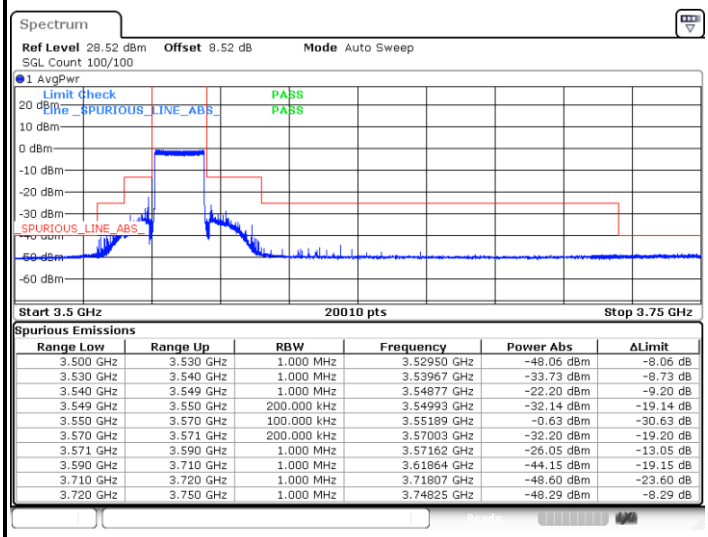
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52872 GHz	-49.39 dBm	-9.39 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53844 GHz	-39.67 dBm	-14.67 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54310 GHz	-33.84 dBm	-20.84 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54905 GHz	-45.09 dBm	-32.09 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56888 GHz	19.30 dBm	-10.70 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-21.30 dBm	-8.30 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57103 GHz	-18.71 dBm	-5.71 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59243 GHz	-39.40 dBm	-14.40 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71317 GHz	-48.17 dBm	-23.17 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74371 GHz	-48.50 dBm	-8.50 dB

Lowest Channel / Full RB



Spurious Emissions

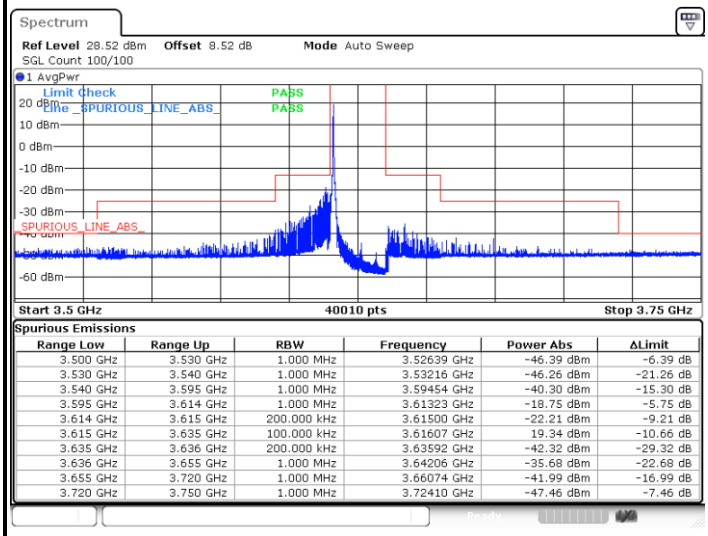
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52950 GHz	-48.06 dBm	-8.06 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53967 GHz	-33.73 dBm	-8.73 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54877 GHz	-22.20 dBm	-9.20 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54993 GHz	-32.14 dBm	-19.14 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55189 GHz	-0.63 dBm	-30.63 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57003 GHz	-32.20 dBm	-19.20 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57162 GHz	-26.05 dBm	-13.05 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.61864 GHz	-44.15 dBm	-19.15 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71807 GHz	-48.60 dBm	-23.60 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74825 GHz	-48.29 dBm	-8.29 dB

N/A

LTE Band 48 / 20MHz

16QAM

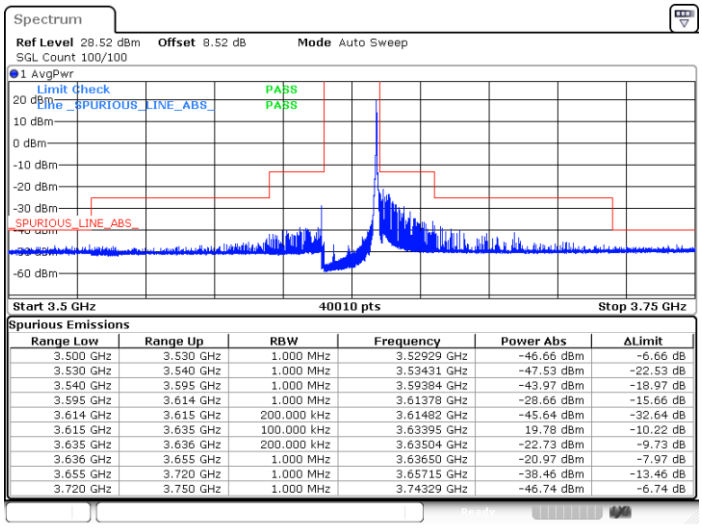
Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52639 GHz	-46.39 dBm	-6.39 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53216 GHz	-46.26 dBm	-21.26 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59454 GHz	-40.30 dBm	-15.30 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61323 GHz	-18.75 dBm	-5.75 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61500 GHz	-22.21 dBm	-9.21 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61607 GHz	19.34 dBm	-10.66 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63592 GHz	-42.32 dBm	-29.32 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64206 GHz	-35.68 dBm	-22.68 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66074 GHz	-41.99 dBm	-16.99 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72410 GHz	-47.46 dBm	-7.46 dB

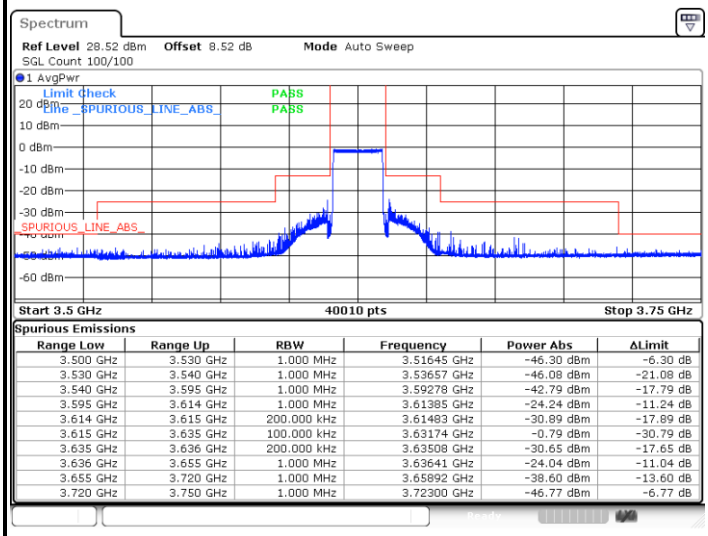
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52929 GHz	-46.66 dBm	-6.66 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53431 GHz	-47.53 dBm	-22.53 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59384 GHz	-43.97 dBm	-18.97 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61378 GHz	-28.66 dBm	-15.66 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61482 GHz	-45.64 dBm	-32.64 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63395 GHz	19.78 dBm	-10.22 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63504 GHz	-22.73 dBm	-9.73 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63650 GHz	-20.97 dBm	-7.97 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65715 GHz	-38.46 dBm	-13.46 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74329 GHz	-46.74 dBm	-6.74 dB

Middle Channel / Full



Spurious Emissions

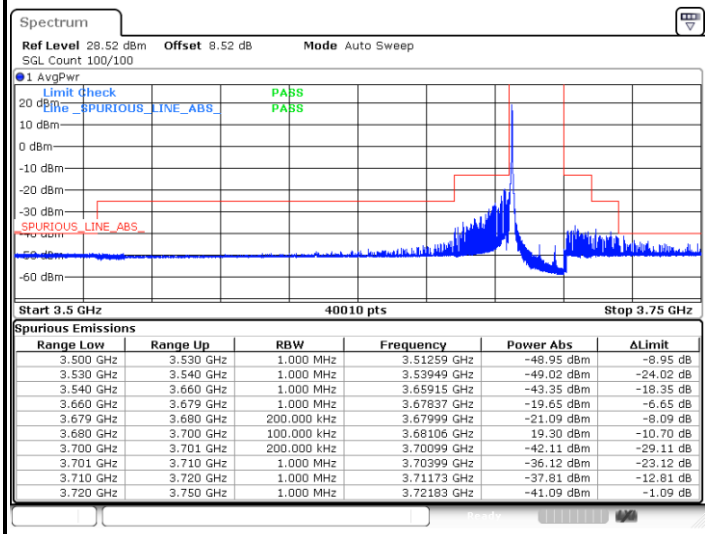
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51645 GHz	-46.30 dBm	-6.30 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53657 GHz	-46.08 dBm	-21.08 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59278 GHz	-42.79 dBm	-17.79 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61385 GHz	-24.24 dBm	-11.24 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61483 GHz	-30.89 dBm	-17.89 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63174 GHz	-0.79 dBm	-30.79 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63508 GHz	-30.65 dBm	-17.65 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63641 GHz	-24.04 dBm	-11.04 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65892 GHz	-38.60 dBm	-13.60 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72300 GHz	-46.77 dBm	-6.77 dB

N/A

LTE Band 48 / 20MHz

16QAM

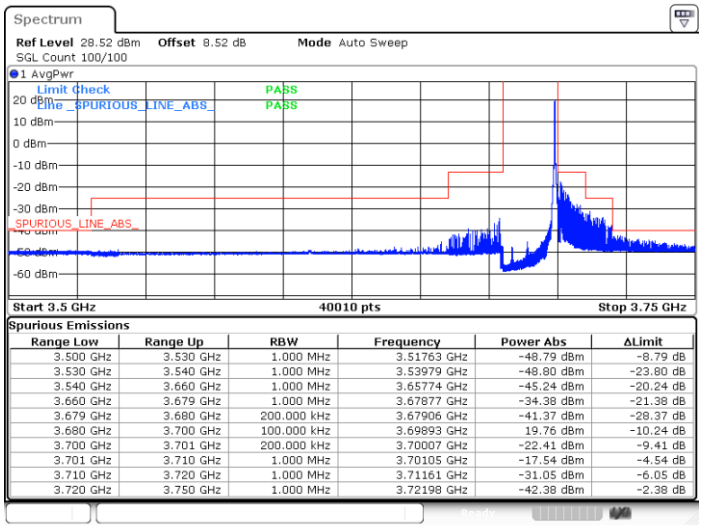
Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51259 GHz	-48.95 dBm	-8.95 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53949 GHz	-49.02 dBm	-24.02 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65915 GHz	-43.35 dBm	-18.35 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67837 GHz	-19.65 dBm	-6.65 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-21.09 dBm	-8.09 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68106 GHz	19.30 dBm	-10.70 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70099 GHz	-42.11 dBm	-29.11 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70399 GHz	-36.12 dBm	-23.12 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71173 GHz	-37.81 dBm	-12.81 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72183 GHz	-41.09 dBm	-1.09 dB

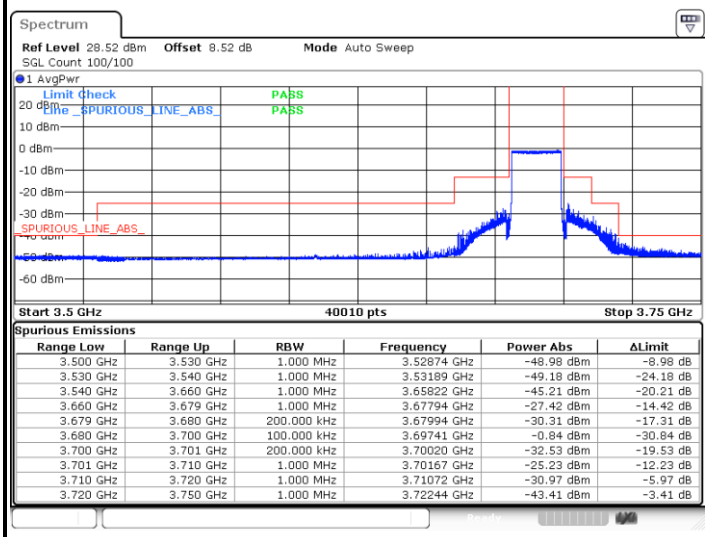
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51763 GHz	-48.79 dBm	-8.79 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53979 GHz	-48.80 dBm	-23.80 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65774 GHz	-45.24 dBm	-20.24 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67877 GHz	-34.38 dBm	-21.38 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67906 GHz	-41.37 dBm	-28.37 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	19.76 dBm	-10.24 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70007 GHz	-22.41 dBm	-9.41 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70105 GHz	-17.54 dBm	-4.54 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71161 GHz	-31.05 dBm	-6.05 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72198 GHz	-42.38 dBm	-2.38 dB

Highest Channel / Full RB



Spurious Emissions

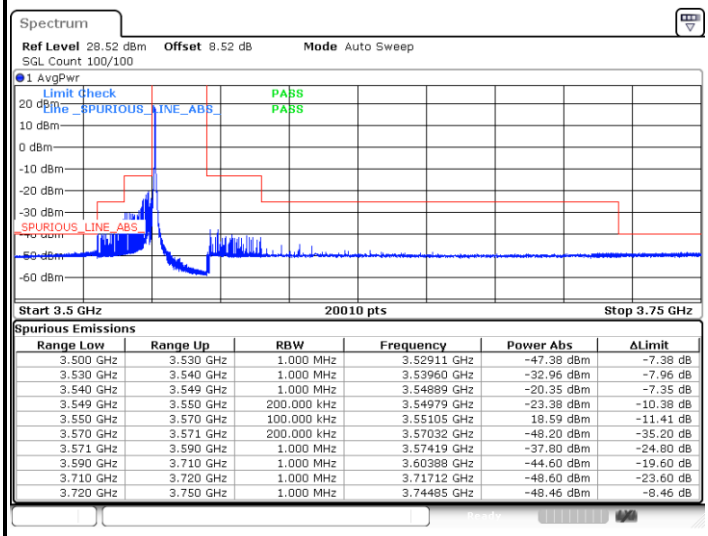
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52874 GHz	-48.98 dBm	-8.98 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53189 GHz	-49.18 dBm	-24.18 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65822 GHz	-45.21 dBm	-20.21 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67794 GHz	-27.42 dBm	-14.42 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67994 GHz	-30.31 dBm	-17.31 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69741 GHz	-0.84 dBm	-30.84 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70020 GHz	-32.53 dBm	-19.53 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70167 GHz	-25.23 dBm	-12.23 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71072 GHz	-30.97 dBm	-5.97 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72244 GHz	-43.41 dBm	-3.41 dB

N/A

LTE Band 48 / 20MHz

64QAM

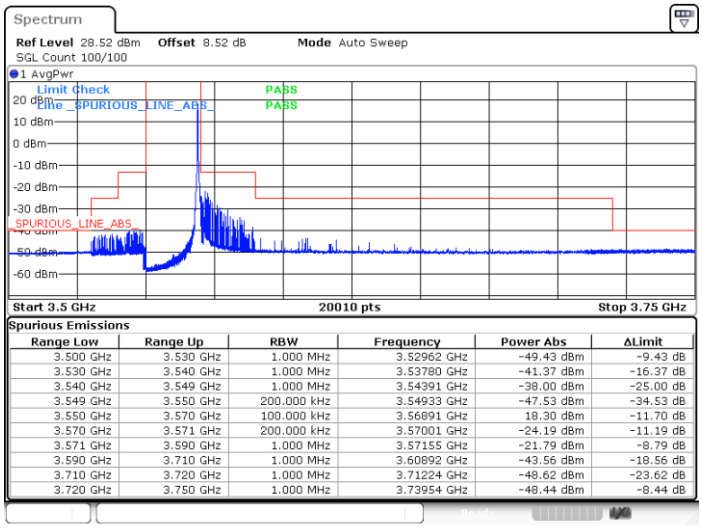
Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52911 GHz	-47.38 dBm	-7.38 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53960 GHz	-32.96 dBm	-7.96 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54889 GHz	-20.35 dBm	-7.35 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54979 GHz	-23.38 dBm	-10.38 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55105 GHz	18.59 dBm	-11.41 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57032 GHz	-48.20 dBm	-35.20 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57419 GHz	-37.80 dBm	-24.80 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.60388 GHz	-44.60 dBm	-19.60 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71712 GHz	-48.60 dBm	-23.60 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74485 GHz	-48.46 dBm	-8.46 dB

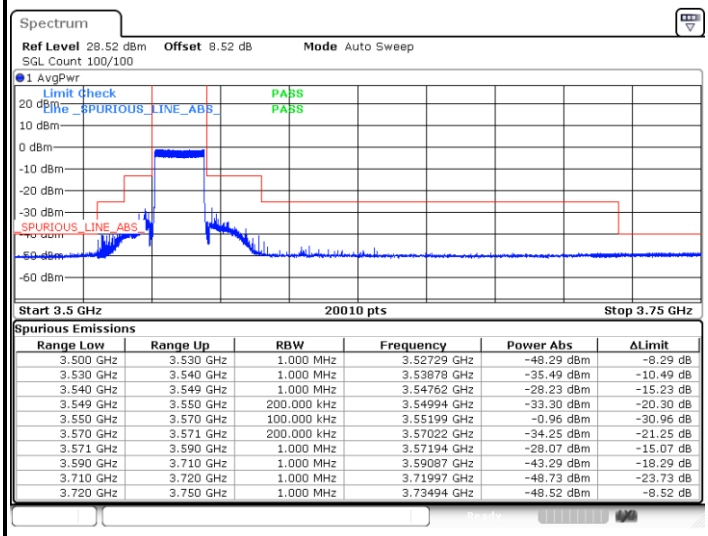
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52962 GHz	-49.43 dBm	-9.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53780 GHz	-41.37 dBm	-16.37 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54391 GHz	-38.00 dBm	-25.00 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54933 GHz	-47.53 dBm	-34.53 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56891 GHz	18.30 dBm	-11.70 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-24.19 dBm	-11.19 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57155 GHz	-21.79 dBm	-8.79 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.60892 GHz	-43.56 dBm	-18.56 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71224 GHz	-48.62 dBm	-23.62 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73954 GHz	-48.44 dBm	-8.44 dB

Lowest Channel / Full RB



Spurious Emissions

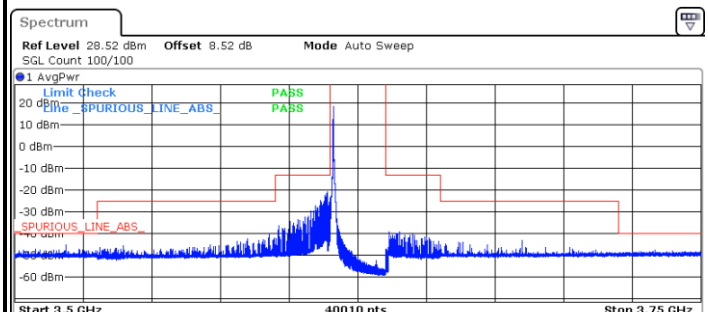
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52729 GHz	-48.29 dBm	-8.29 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53878 GHz	-35.49 dBm	-10.49 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54762 GHz	-28.23 dBm	-15.23 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54994 GHz	-33.30 dBm	-20.30 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55199 GHz	-0.96 dBm	-30.96 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57022 GHz	-34.25 dBm	-21.25 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57194 GHz	-28.07 dBm	-15.07 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59087 GHz	-43.29 dBm	-18.29 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71997 GHz	-48.73 dBm	-23.73 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73494 GHz	-48.52 dBm	-8.52 dB

N/A

LTE Band 48 / 20MHz

64QAM

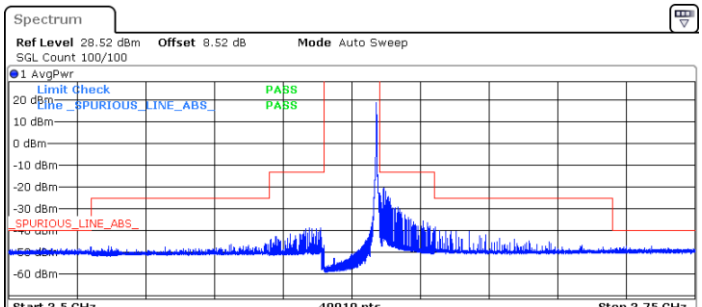
Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51881 GHz	-45.15 dBm	-5.15 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53964 GHz	-45.40 dBm	-20.40 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59257 GHz	-40.06 dBm	-15.06 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61389 GHz	-20.54 dBm	-7.54 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61498 GHz	-23.55 dBm	-10.55 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61608 GHz	18.50 dBm	-11.50 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63551 GHz	-46.96 dBm	-33.96 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63643 GHz	-38.89 dBm	-25.89 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.68479 GHz	-43.14 dBm	-18.14 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73307 GHz	-47.51 dBm	-7.51 dB

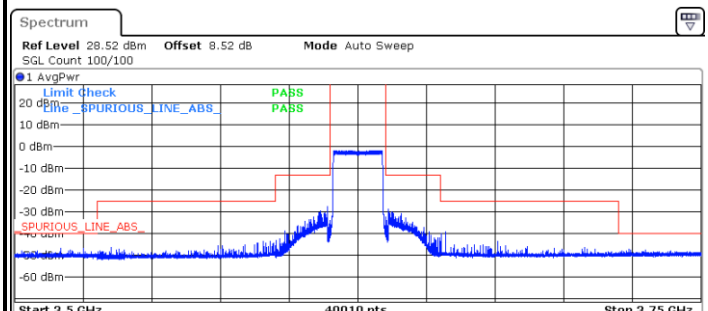
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52992 GHz	-47.63 dBm	-7.63 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53653 GHz	-47.15 dBm	-22.15 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59347 GHz	-45.83 dBm	-20.83 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61353 GHz	-38.65 dBm	-25.65 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61482 GHz	-46.50 dBm	-33.50 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	18.81 dBm	-11.19 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63503 GHz	-22.73 dBm	-9.73 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63672 GHz	-20.39 dBm	-7.39 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65541 GHz	-38.22 dBm	-13.22 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73412 GHz	-47.10 dBm	-7.10 dB

Middle Channel / Full



Spurious Emissions

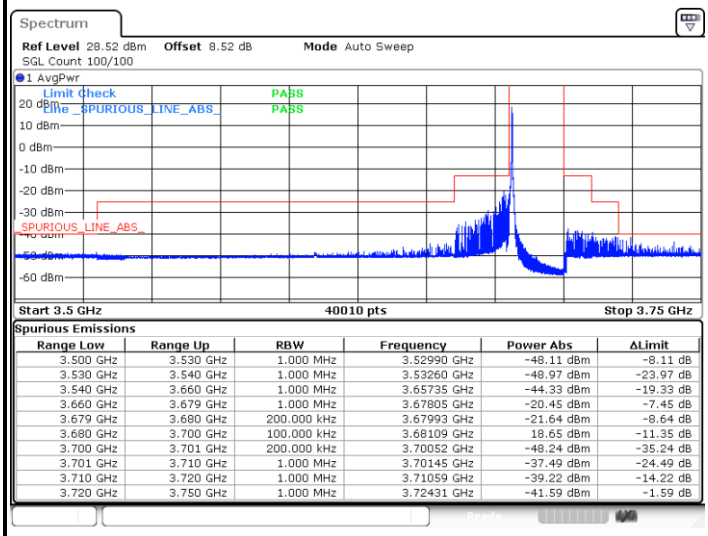
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52510 GHz	-46.56 dBm	-6.56 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53503 GHz	-46.25 dBm	-21.25 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59047 GHz	-43.43 dBm	-18.43 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61400 GHz	-27.49 dBm	-14.49 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61485 GHz	-33.97 dBm	-20.97 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63288 GHz	-1.74 dBm	-31.74 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63504 GHz	-32.10 dBm	-19.10 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63612 GHz	-28.73 dBm	-15.73 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65683 GHz	-39.26 dBm	-14.26 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72375 GHz	-47.26 dBm	-7.26 dB

N/A

LTE Band 48 / 20MHz

64QAM

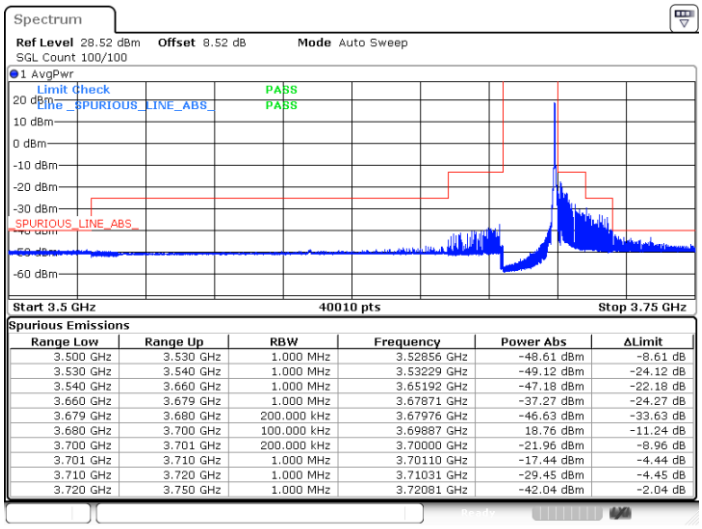
Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52990 GHz	-48.11 dBm	-8.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53260 GHz	-48.97 dBm	-23.97 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65735 GHz	-44.33 dBm	-19.33 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67805 GHz	-20.45 dBm	-7.45 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67993 GHz	-21.64 dBm	-8.64 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68109 GHz	18.65 dBm	-11.35 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70052 GHz	-48.24 dBm	-35.24 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70145 GHz	-37.49 dBm	-24.49 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71059 GHz	-39.22 dBm	-14.22 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72431 GHz	-41.59 dBm	-1.59 dB

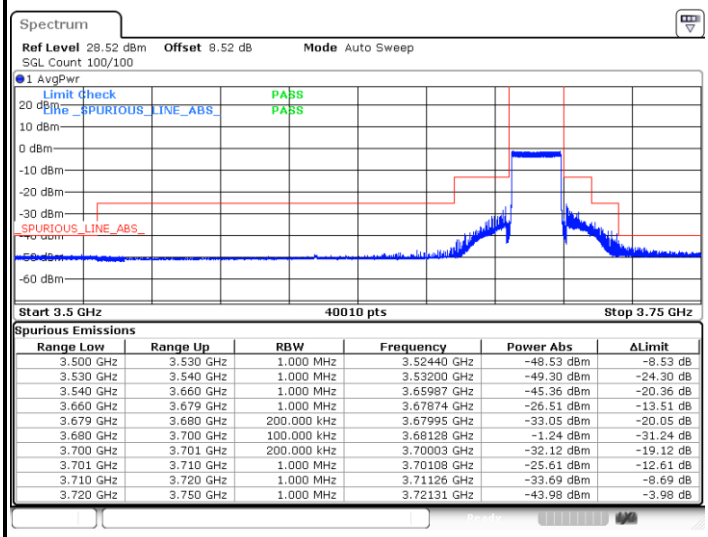
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52856 GHz	-48.61 dBm	-8.61 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53229 GHz	-49.12 dBm	-24.12 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65192 GHz	-47.18 dBm	-22.18 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67871 GHz	-37.27 dBm	-24.27 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67976 GHz	-46.63 dBm	-33.63 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69887 GHz	18.76 dBm	-11.24 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-21.96 dBm	-8.96 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70110 GHz	-17.44 dBm	-4.44 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71031 GHz	-29.45 dBm	-4.45 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72081 GHz	-42.04 dBm	-2.04 dB

Highest Channel / Full RB



Spurious Emissions

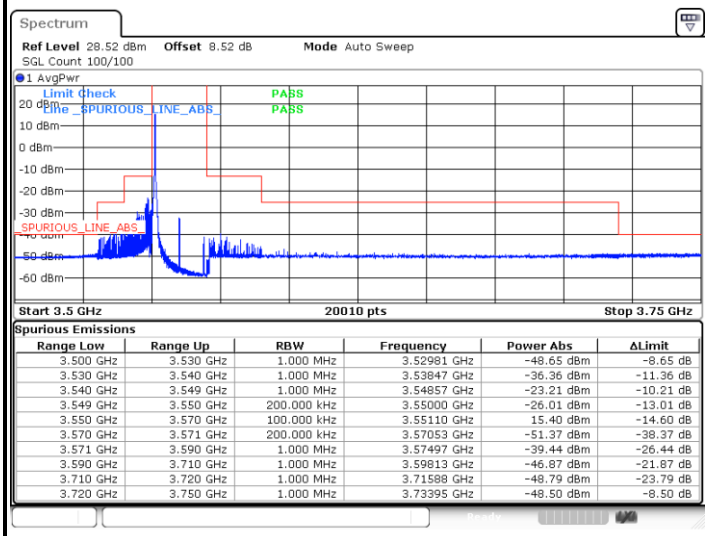
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52440 GHz	-48.53 dBm	-8.53 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53200 GHz	-49.30 dBm	-24.30 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65987 GHz	-45.36 dBm	-20.36 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67874 GHz	-26.51 dBm	-13.51 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67995 GHz	-33.05 dBm	-20.05 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68128 GHz	-1.24 dBm	-31.24 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70003 GHz	-32.12 dBm	-19.12 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70108 GHz	-25.61 dBm	-12.61 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71126 GHz	-33.69 dBm	-8.69 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72131 GHz	-43.98 dBm	-3.98 dB

N/A

LTE Band 48 / 20MHz

256QAM

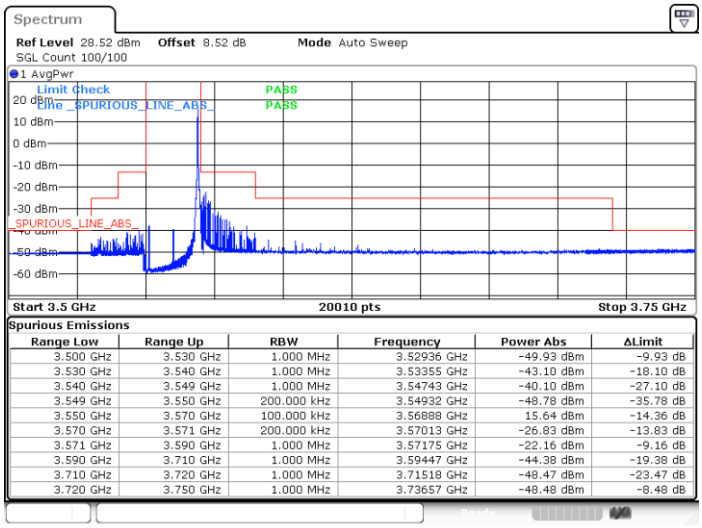
Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52981 GHz	-48.65 dBm	-8.65 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53847 GHz	-36.36 dBm	-11.36 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54857 GHz	-23.21 dBm	-10.21 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-26.01 dBm	-13.01 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55110 GHz	15.40 dBm	-14.60 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57053 GHz	-51.37 dBm	-38.37 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57497 GHz	-39.44 dBm	-26.44 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59813 GHz	-46.87 dBm	-21.87 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71588 GHz	-48.79 dBm	-23.79 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73395 GHz	-48.50 dBm	-8.50 dB

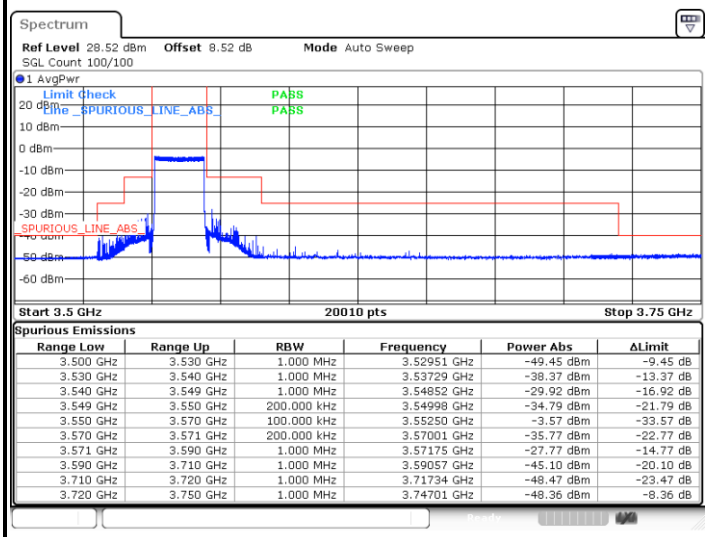
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52936 GHz	-49.93 dBm	-9.93 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53355 GHz	-43.10 dBm	-18.10 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54743 GHz	-40.10 dBm	-27.10 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54932 GHz	-48.78 dBm	-35.78 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56888 GHz	15.64 dBm	-14.36 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57013 GHz	-26.83 dBm	-13.83 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57175 GHz	-22.16 dBm	-9.16 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59447 GHz	-44.38 dBm	-19.38 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71518 GHz	-48.47 dBm	-23.47 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73657 GHz	-48.48 dBm	-8.48 dB

Lowest Channel / Full RB



Spurious Emissions

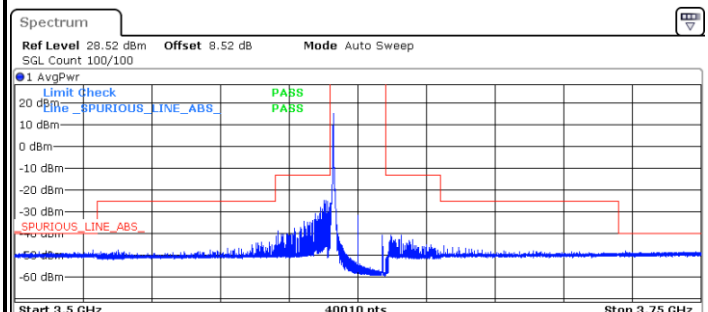
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52951 GHz	-49.45 dBm	-9.45 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53729 GHz	-38.37 dBm	-13.37 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54852 GHz	-29.92 dBm	-16.92 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-34.79 dBm	-21.79 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55250 GHz	-3.57 dBm	-33.57 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-35.77 dBm	-22.77 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57175 GHz	-27.77 dBm	-14.77 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59057 GHz	-45.10 dBm	-20.10 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71734 GHz	-48.47 dBm	-23.47 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74701 GHz	-48.36 dBm	-8.36 dB

N/A

LTE Band 48 / 20MHz

256QAM

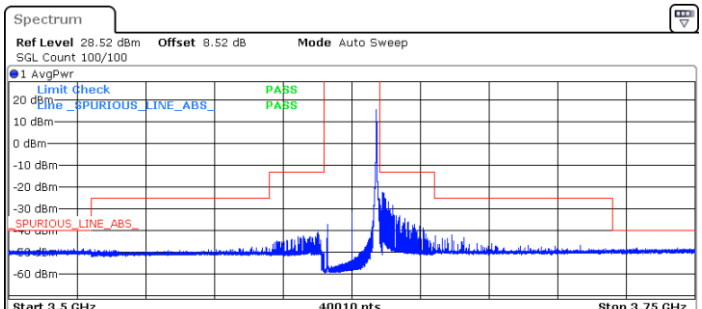
Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52852 GHz	-47.40 dBm	-7.40 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53753 GHz	-47.67 dBm	-22.67 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59278 GHz	-43.69 dBm	-18.69 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61263 GHz	-24.69 dBm	-11.69 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61497 GHz	-26.03 dBm	-13.03 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	15.28 dBm	-14.72 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63560 GHz	-50.18 dBm	-37.18 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63687 GHz	-40.73 dBm	-27.73 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65636 GHz	-45.53 dBm	-20.53 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72254 GHz	-47.77 dBm	-7.77 dB

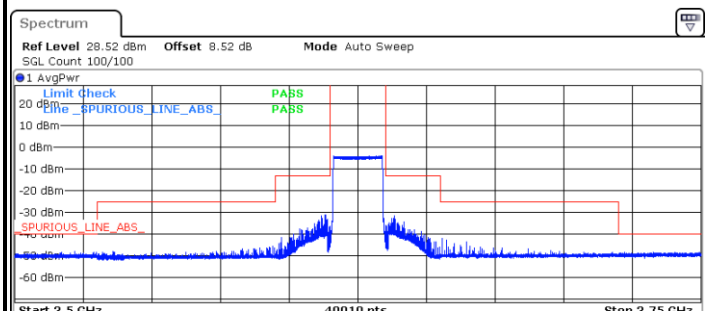
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52377 GHz	-48.36 dBm	-8.36 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53123 GHz	-48.87 dBm	-23.87 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59370 GHz	-47.32 dBm	-22.32 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61259 GHz	-40.84 dBm	-27.84 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61474 GHz	-49.80 dBm	-36.80 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	15.76 dBm	-14.24 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63506 GHz	-25.43 dBm	-12.43 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63613 GHz	-22.09 dBm	-9.09 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66152 GHz	-41.89 dBm	-16.89 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72880 GHz	-47.92 dBm	-7.92 dB

Middle Channel / Full



Spurious Emissions

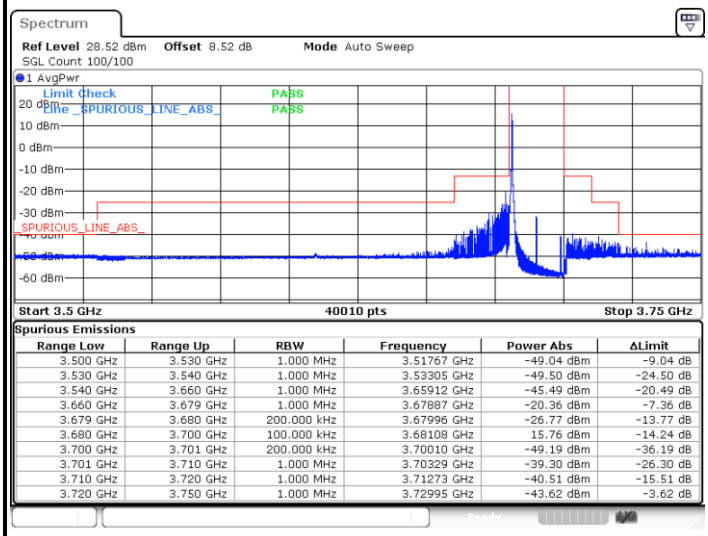
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52194 GHz	-47.99 dBm	-7.99 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53565 GHz	-48.08 dBm	-23.08 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59393 GHz	-45.49 dBm	-20.49 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61319 GHz	-30.97 dBm	-17.97 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61492 GHz	-36.11 dBm	-23.11 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61624 GHz	-3.93 dBm	-33.93 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63503 GHz	-35.92 dBm	-22.92 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63838 GHz	-31.66 dBm	-18.66 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65567 GHz	-42.04 dBm	-17.04 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74940 GHz	-48.30 dBm	-8.30 dB

N/A

LTE Band 48 / 20MHz

256QAM

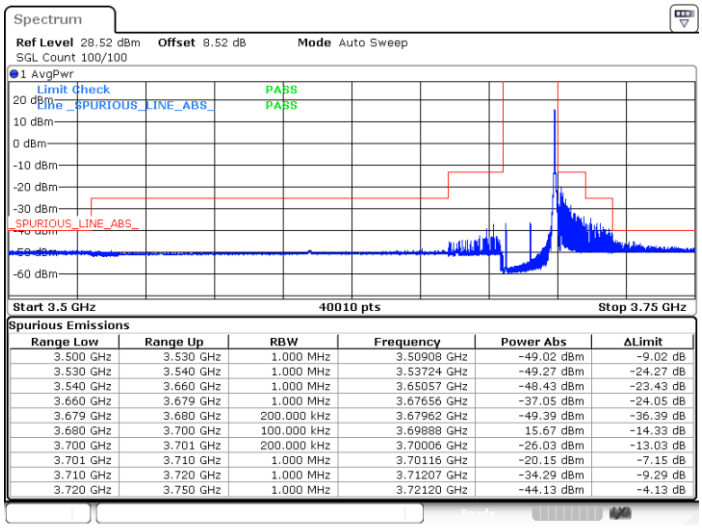
Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51767 GHz	-49.04 dBm	-9.04 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53305 GHz	-49.50 dBm	-24.50 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65912 GHz	-45.49 dBm	-20.49 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67887 GHz	-20.36 dBm	-7.36 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67996 GHz	-26.77 dBm	-13.77 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68108 GHz	15.76 dBm	-14.24 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70010 GHz	-49.19 dBm	-36.19 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70329 GHz	-39.30 dBm	-26.30 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71273 GHz	-40.51 dBm	-15.51 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72995 GHz	-43.62 dBm	-3.62 dB

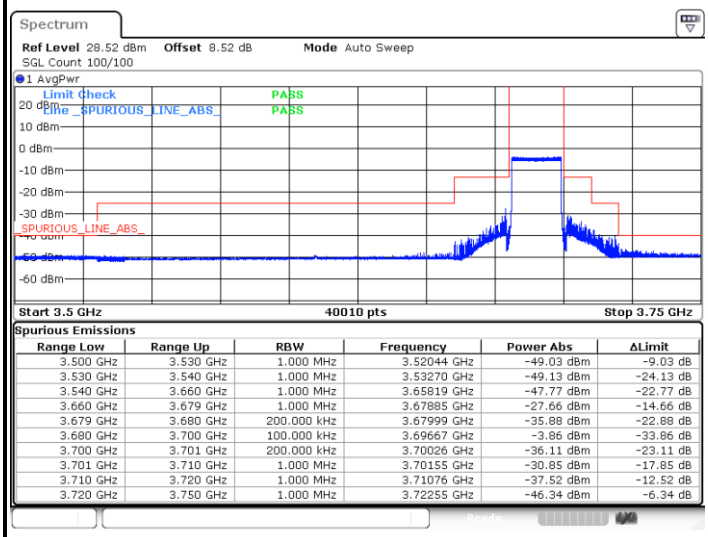
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50908 GHz	-49.02 dBm	-9.02 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53724 GHz	-49.27 dBm	-24.27 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65057 GHz	-48.43 dBm	-23.43 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67656 GHz	-37.05 dBm	-24.05 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67962 GHz	-49.39 dBm	-36.39 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69888 GHz	15.67 dBm	-14.33 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70006 GHz	-26.03 dBm	-13.03 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70116 GHz	-20.15 dBm	-7.15 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71207 GHz	-34.29 dBm	-9.29 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72120 GHz	-44.13 dBm	-4.13 dB

Highest Channel / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52044 GHz	-49.03 dBm	-9.03 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53270 GHz	-49.13 dBm	-24.13 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65819 GHz	-47.77 dBm	-22.77 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67885 GHz	-27.66 dBm	-14.66 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-35.88 dBm	-22.88 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69667 GHz	-3.86 dBm	-33.86 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70026 GHz	-36.11 dBm	-23.11 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70155 GHz	-30.85 dBm	-17.85 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71076 GHz	-37.52 dBm	-12.52 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72255 GHz	-46.34 dBm	-6.34 dB

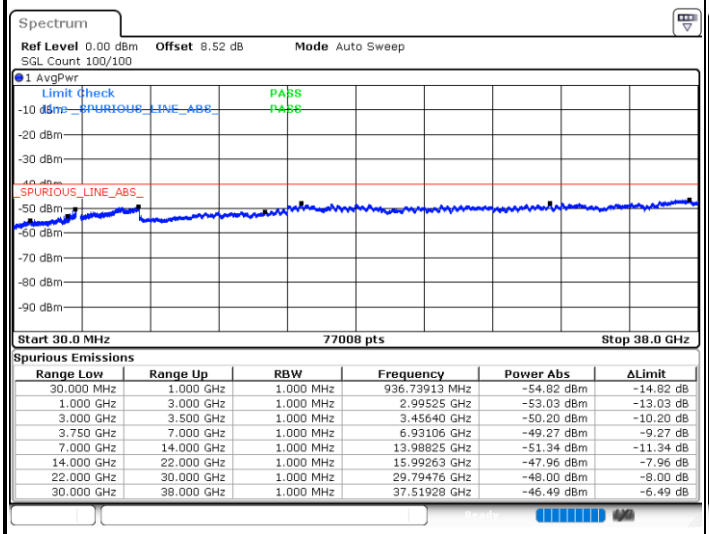
N/A

Conducted Spurious Emission

LTE Band 48 / 5MHz

QPSK / 1RB0

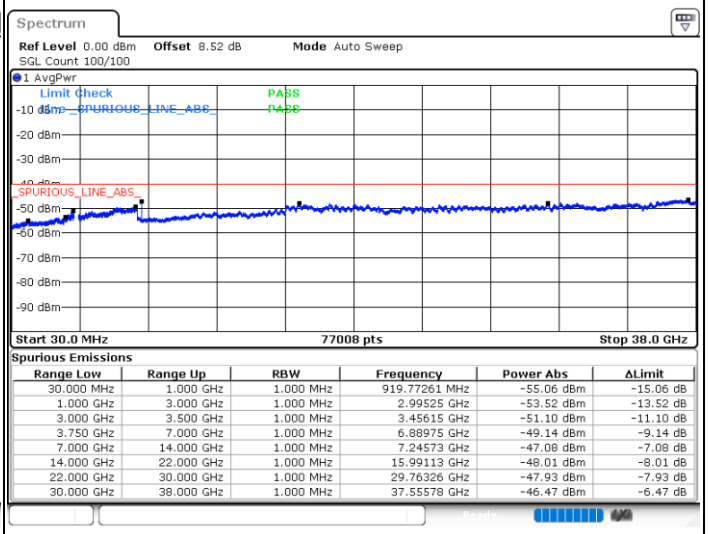
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-54.82 dBm	-14.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.03 dBm	-13.03 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45640 GHz	-50.20 dBm	-10.20 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.93106 GHz	-49.27 dBm	-9.27 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98825 GHz	-51.34 dBm	-11.34 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.99263 GHz	-47.96 dBm	-7.96 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79476 GHz	-48.00 dBm	-8.00 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51928 GHz	-46.49 dBm	-6.49 dB

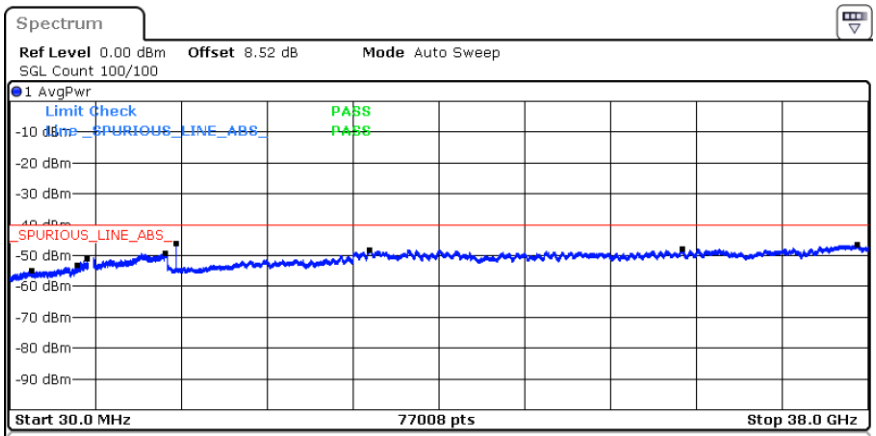
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-55.06 dBm	-15.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.52 dBm	-13.52 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45615 GHz	-51.10 dBm	-11.10 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.88975 GHz	-49.14 dBm	-9.14 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.24573 GHz	-47.08 dBm	-7.08 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.99113 GHz	-48.01 dBm	-8.01 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76326 GHz	-47.93 dBm	-7.93 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.55578 GHz	-46.47 dBm	-6.47 dB

Highest Channel



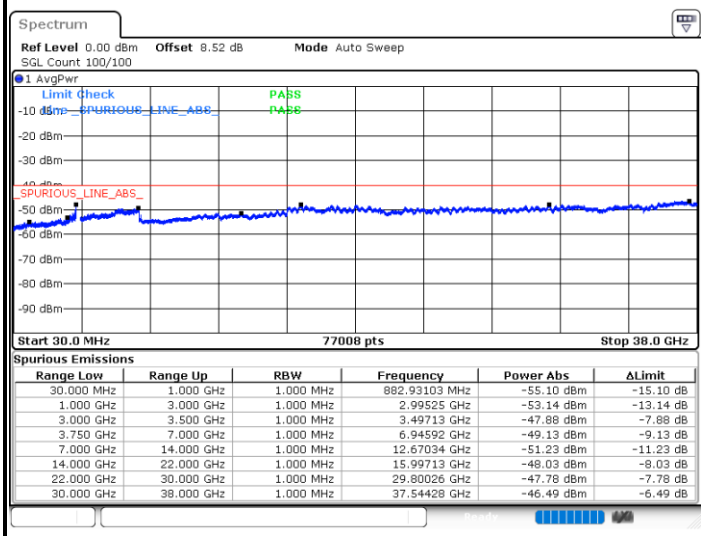
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-55.02 dBm	-15.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99575 GHz	-53.31 dBm	-13.31 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45640 GHz	-51.00 dBm	-11.00 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91203 GHz	-49.33 dBm	-9.33 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.39072 GHz	-46.24 dBm	-6.24 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.95663 GHz	-48.07 dBm	-8.07 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75827 GHz	-47.93 dBm	-7.93 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.50728 GHz	-46.56 dBm	-6.56 dB

LTE Band 48 / 10MHz

QPSK / 1RB0

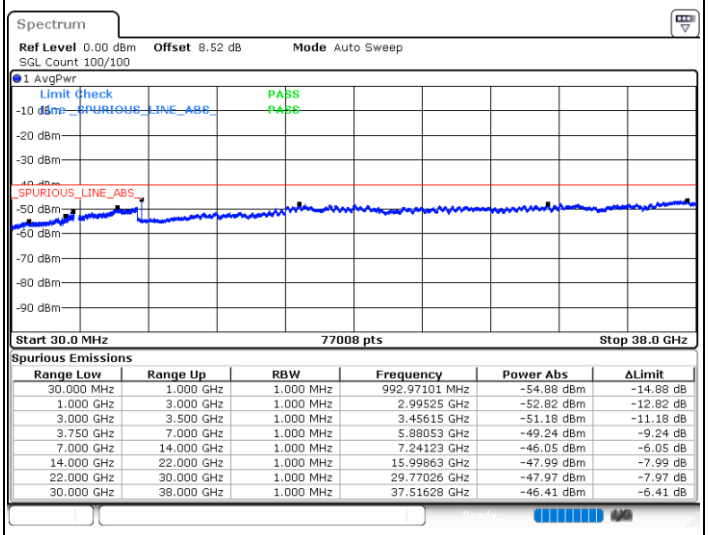
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.93103 MHz	-55.10 dBm	-15.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.14 dBm	-13.14 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49713 GHz	-47.88 dBm	-7.88 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.94592 GHz	-49.13 dBm	-9.13 dB
7.000 GHz	14.000 GHz	1.000 MHz	12.67034 GHz	-51.23 dBm	-11.23 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.99713 GHz	-48.03 dBm	-8.03 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.80026 GHz	-47.78 dBm	-7.78 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.54428 GHz	-46.49 dBm	-6.49 dB

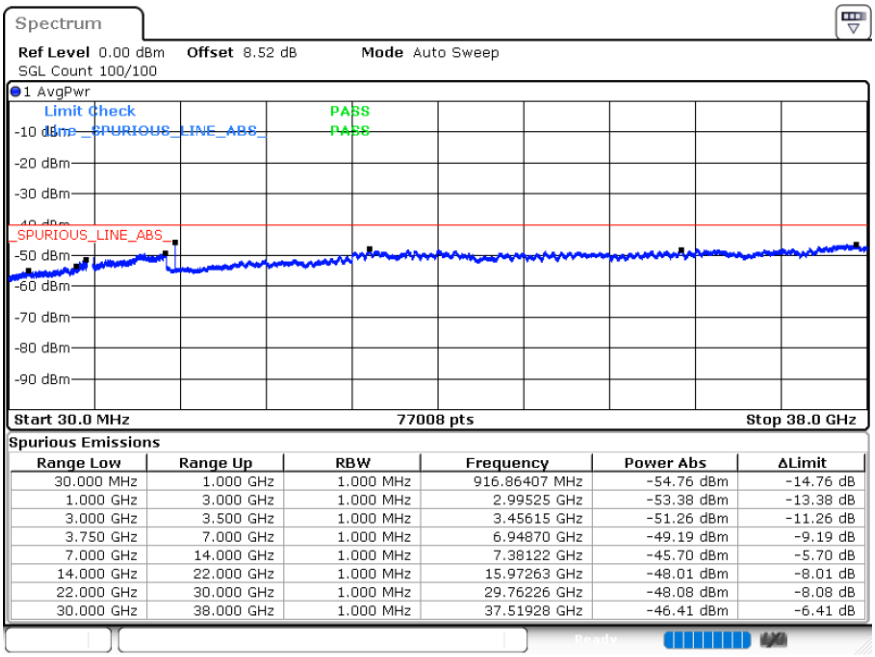
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-54.88 dBm	-14.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-52.82 dBm	-12.82 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45615 GHz	-51.18 dBm	-11.18 dB
3.750 GHz	7.000 GHz	1.000 MHz	5.88053 GHz	-49.24 dBm	-9.24 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.24123 GHz	-46.05 dBm	-6.05 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.99863 GHz	-47.99 dBm	-7.99 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77026 GHz	-47.97 dBm	-7.97 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51628 GHz	-46.41 dBm	-6.41 dB

Highest Channel



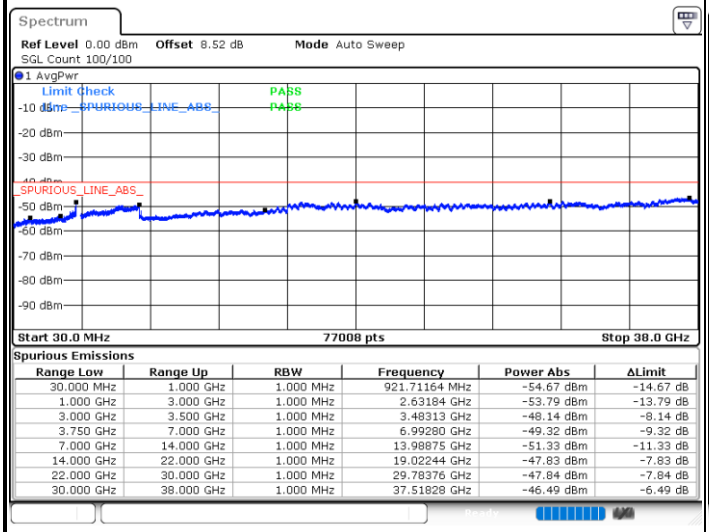
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.86407 MHz	-54.76 dBm	-14.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.38 dBm	-13.38 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45615 GHz	-51.26 dBm	-11.26 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.94870 GHz	-49.19 dBm	-9.19 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.38122 GHz	-45.70 dBm	-5.70 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.97263 GHz	-48.01 dBm	-8.01 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76226 GHz	-48.08 dBm	-8.08 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51928 GHz	-46.41 dBm	-6.41 dB

LTE Band 48 / 15MHz

QPSK / 1RB0

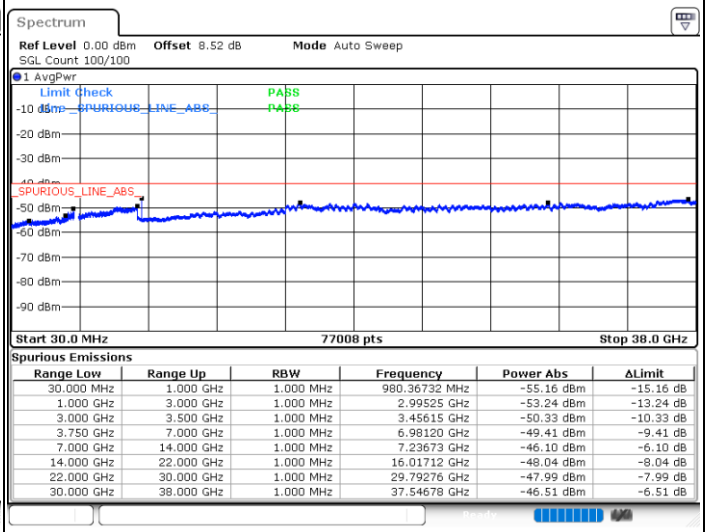
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-54.67 dBm	-14.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63184 GHz	-53.79 dBm	-13.79 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.48313 GHz	-48.14 dBm	-8.14 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99280 GHz	-49.32 dBm	-9.32 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98875 GHz	-51.33 dBm	-11.33 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.02244 GHz	-47.83 dBm	-7.83 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.78376 GHz	-47.84 dBm	-7.84 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51828 GHz	-46.49 dBm	-6.49 dB

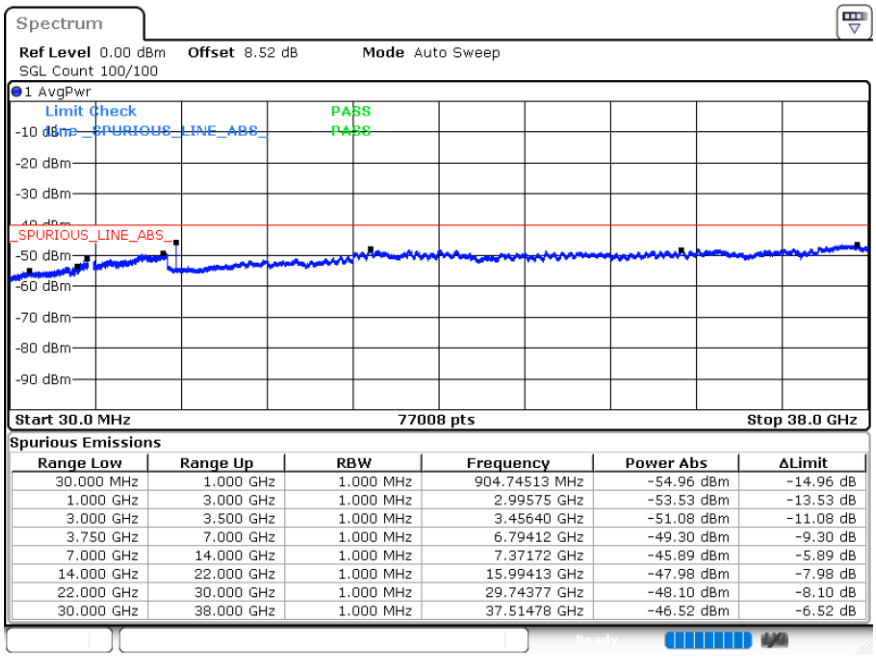
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-55.16 dBm	-15.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.24 dBm	-13.24 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45615 GHz	-50.33 dBm	-10.33 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.98120 GHz	-49.41 dBm	-9.41 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23673 GHz	-46.10 dBm	-6.10 dB
14.000 GHz	22.000 GHz	1.000 MHz	16.01712 GHz	-48.04 dBm	-8.04 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79276 GHz	-47.99 dBm	-7.99 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.54678 GHz	-46.51 dBm	-6.51 dB

Highest Channel



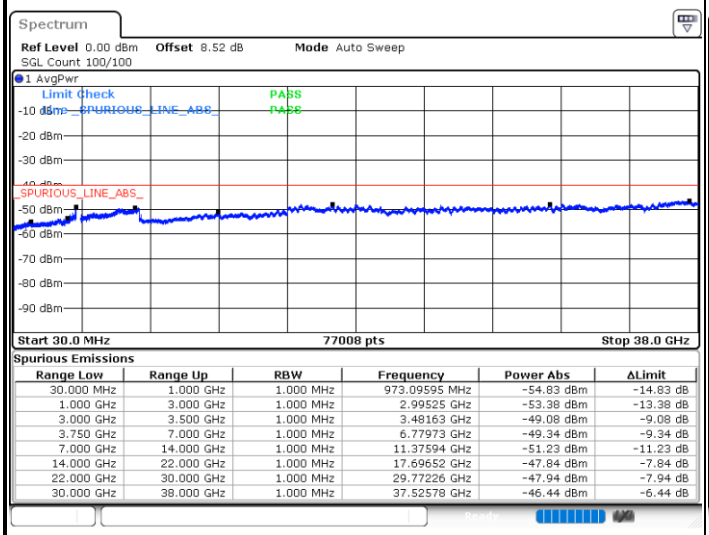
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.74513 MHz	-54.96 dBm	-14.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99575 GHz	-53.53 dBm	-13.53 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45640 GHz	-51.08 dBm	-11.08 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.79412 GHz	-49.30 dBm	-9.30 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.37172 GHz	-45.89 dBm	-5.89 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.99413 GHz	-47.98 dBm	-7.98 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.74377 GHz	-48.10 dBm	-8.10 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51478 GHz	-46.52 dBm	-6.52 dB

LTE Band 48 / 20MHz

QPSK / 1RB0

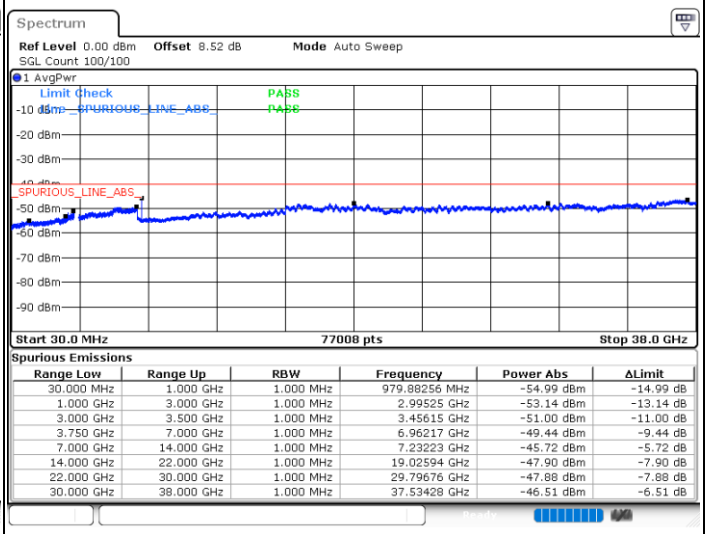
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-54.83 dBm	-14.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.38 dBm	-13.38 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.48163 GHz	-49.08 dBm	-9.08 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.77973 GHz	-49.34 dBm	-9.34 dB
7.000 GHz	14.000 GHz	1.000 MHz	11.37594 GHz	-51.23 dBm	-11.23 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.69652 GHz	-47.84 dBm	-7.84 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77226 GHz	-47.94 dBm	-7.94 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.52578 GHz	-46.44 dBm	-6.44 dB

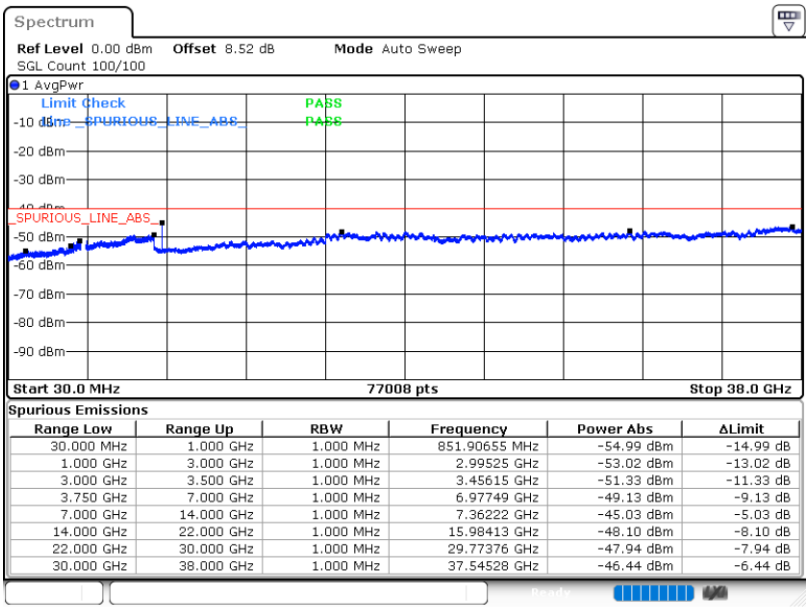
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-54.99 dBm	-14.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.14 dBm	-13.14 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45615 GHz	-51.00 dBm	-11.00 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.96217 GHz	-49.44 dBm	-9.44 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23223 GHz	-45.72 dBm	-5.72 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.02594 GHz	-47.90 dBm	-7.90 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79676 GHz	-47.88 dBm	-7.88 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.53428 GHz	-46.51 dBm	-6.51 dB

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	851.90655 MHz	-54.99 dBm	-14.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-53.02 dBm	-13.02 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45615 GHz	-51.33 dBm	-11.33 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.97749 GHz	-49.13 dBm	-9.13 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.36222 GHz	-45.03 dBm	-5.03 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.98413 GHz	-48.10 dBm	-8.10 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77376 GHz	-47.94 dBm	-7.94 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.54528 GHz	-46.44 dBm	-6.44 dB

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	0.0039	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25℃
		Relative Humidity :	41~42%

For Sample 1:

LTE Band 48 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7236	-55.60	-40	-15.60	-67.06	2.84	14.30	H
	10848	-51.13	-40	-11.13	-61.07	3.49	13.43	H
	14460	-59.65	-40	-19.65	-69.89	3.85	14.09	H
	7236	-46.19	-40	-6.19	-57.65	2.84	14.30	V
	10848	-48.35	-40	-8.35	-58.29	3.49	13.43	V
	14460	-59.51	-40	-19.51	-69.75	3.85	14.09	V

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

For Sample 2:

LTE Band 48 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7236	-55.49	-40	-15.49	-66.95	2.84	14.30	H
	10848	-60.25	-40	-20.25	-70.19	3.49	13.43	H
	14460	-59.65	-40	-19.65	-69.89	3.85	14.09	H
	7236	-57.04	-40	-17.04	-68.50	2.84	14.30	V
	10848	-52.16	-40	-12.16	-62.10	3.49	13.43	V
	14460	-60.07	-40	-20.07	-70.31	3.85	14.09	V

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