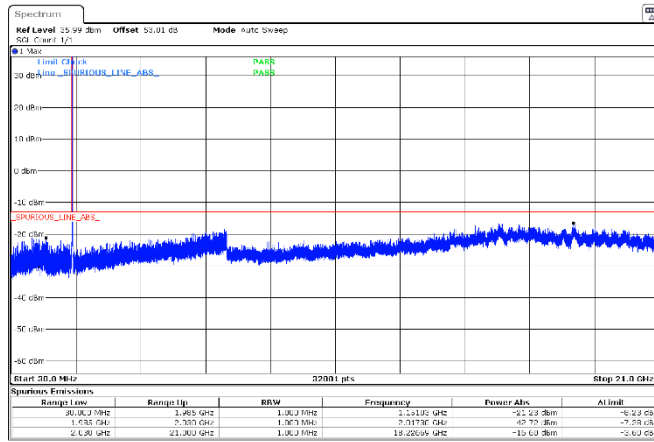
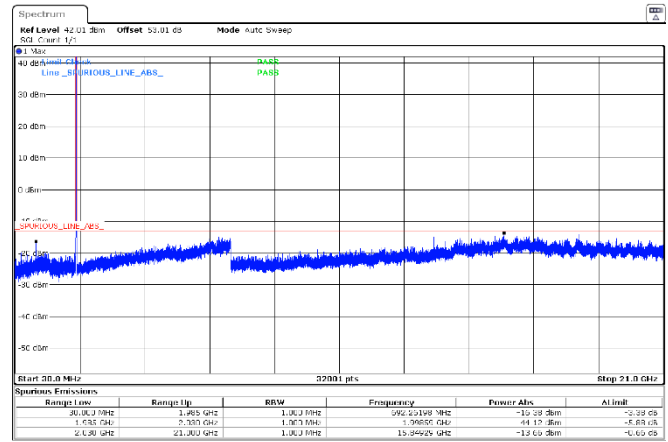


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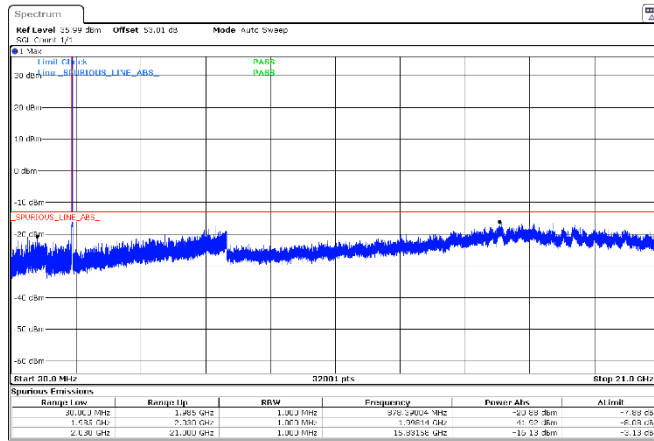
Testing data
 FCC 27.53(g), (h) Emission limits
 FCC Part 27



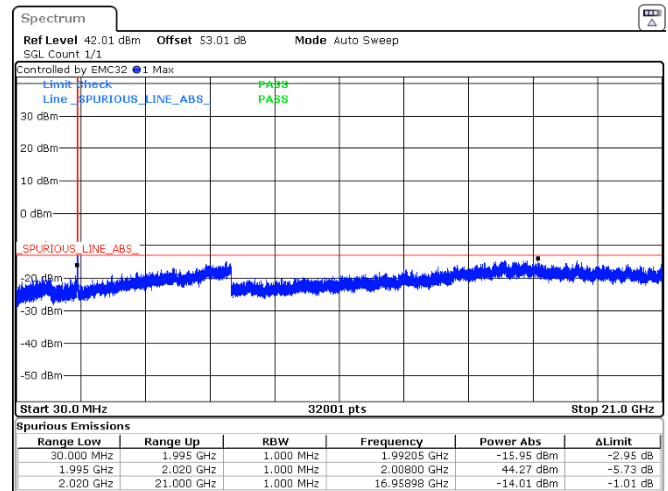
Spurious emissions, TX 2010 MHz, BW: 20M-Hz, MOD: QPSK



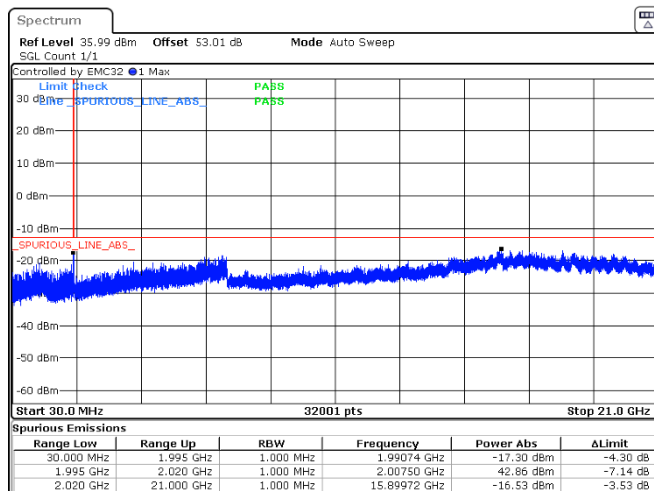
Spurious emissions, TX 1957.5 MHz, BW: 5MHz, MOD: 16QAM



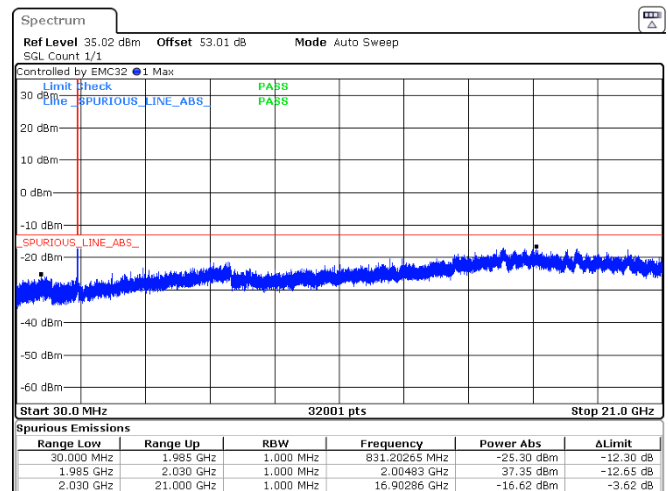
Spurious emissions, TX 2005 MHz, BW: 20M-Hz, MOD: 16QAM



Spurious emissions, TX 2007.5 MHz, BW: 5MHz, MOD: 16QAM



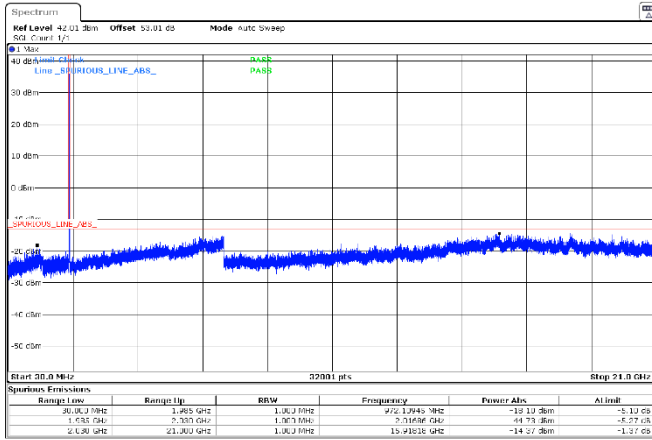
Spurious emissions, TX 2007.5 MHz, BW: 20MHz, MOD: 16QAM



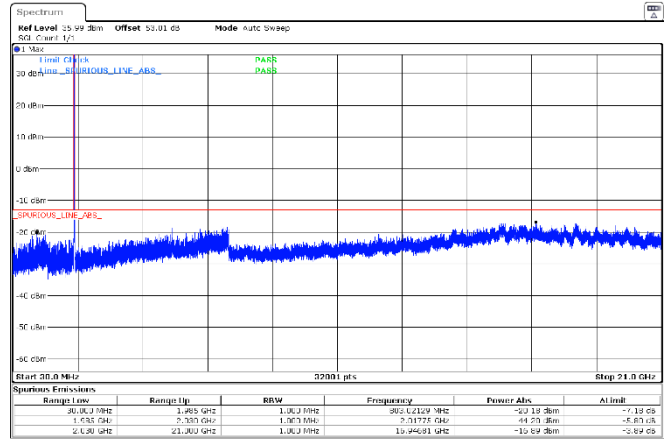
Spurious emissions, TX 2007.5 MHz, BW: 25MHz, MOD: 16QAM

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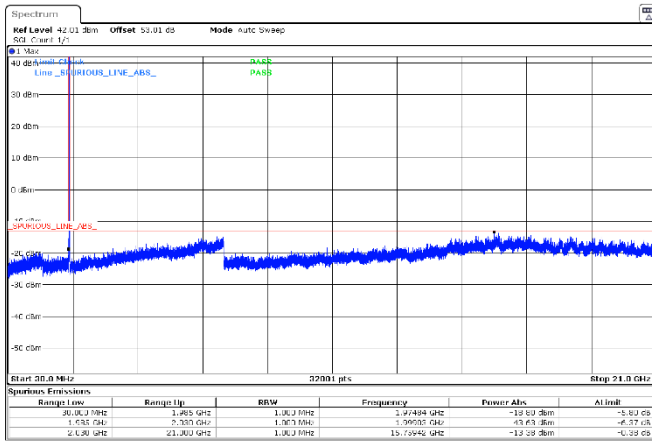
Testing data
 FCC 27.53(g), (h) Emission limits
 FCC Part 27



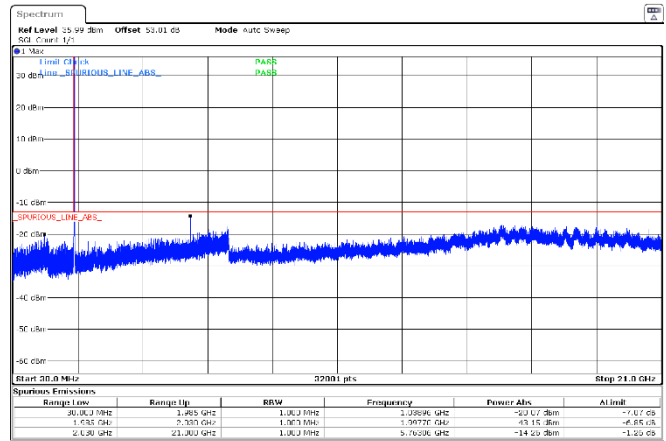
Spurious emissions, TX 2017.5 MHz, BW: 5MHz, MOD: 18QAM



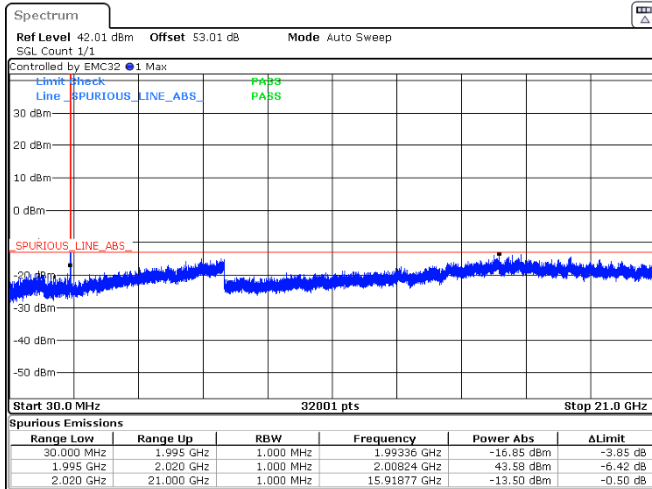
Spurious emissions, TX 2010 MHz, BW: 20MHz, MOD: 18QAM



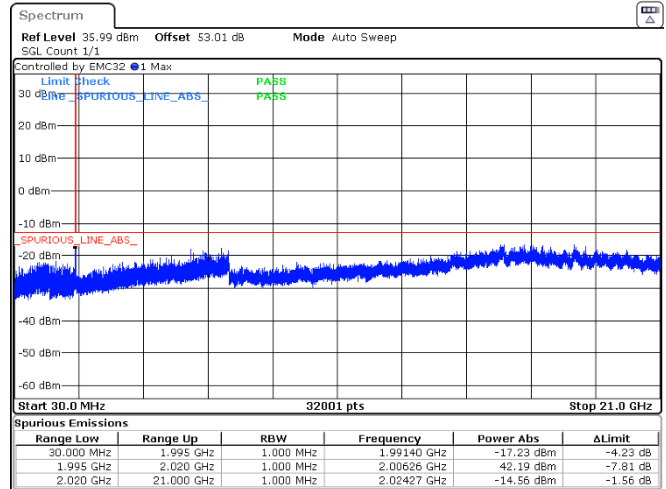
Spurious emissions, TX 1967.5 MHz, BW: 5MHz, MOD: 64QAM



Spurious emissions, TX 2005 MHz, BW: 20MHz, MOD: 64QAM



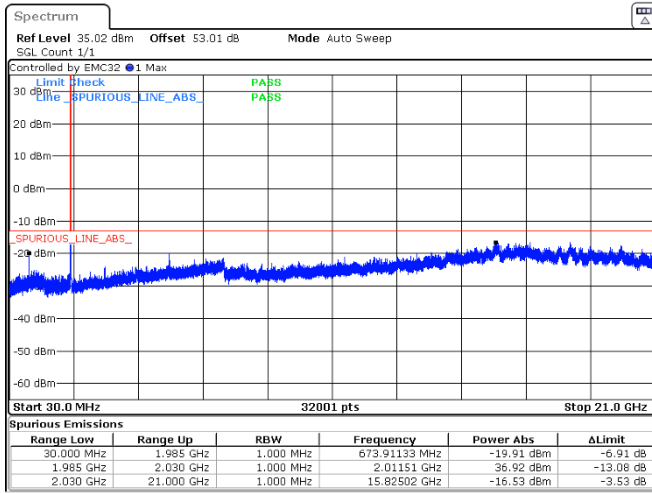
Spurious emissions, TX 2007.5 MHz, BW: 5MHz, MOD: 64QAM



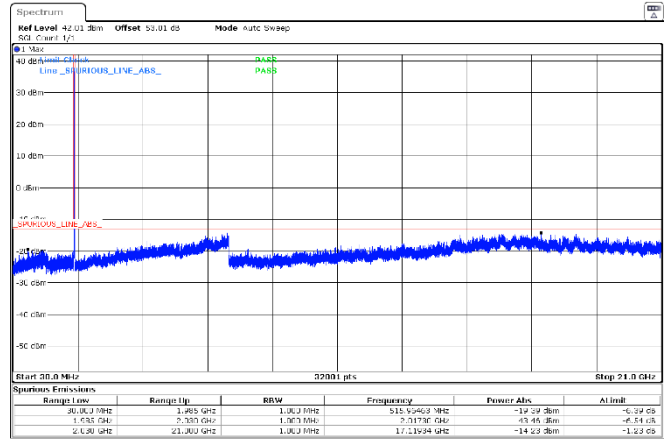
Spurious emissions, TX 2007.5 MHz, BW: 20MHz, MOD: 64QAM

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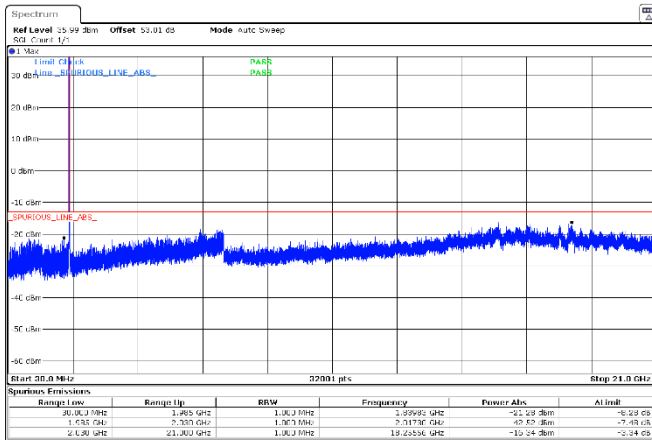
Testing data
 FCC 27.53(g), (h) Emission limits
 FCC Part 27



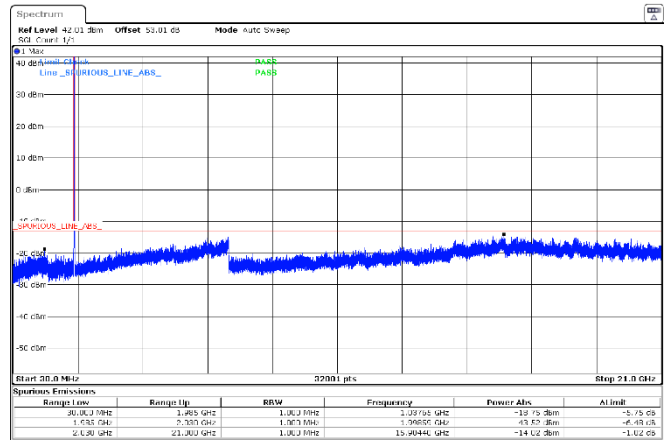
Spurious emissions, TX: 2007.5 MHz, BW: 25MHz, MOD: 64QAM



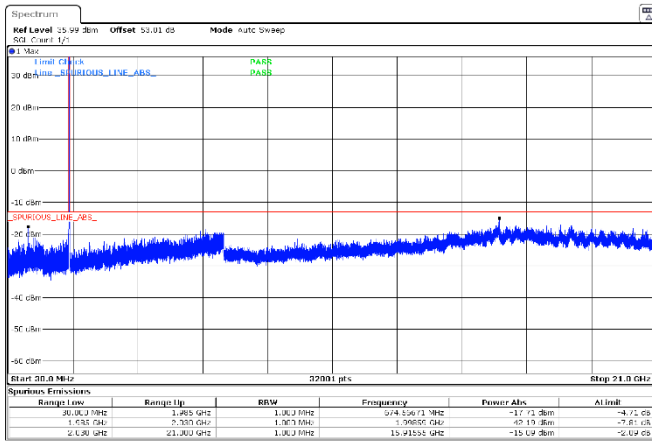
Spurious emissions, TX: 2017.5 MHz, BW: 5MHz, MOD: 64QAM



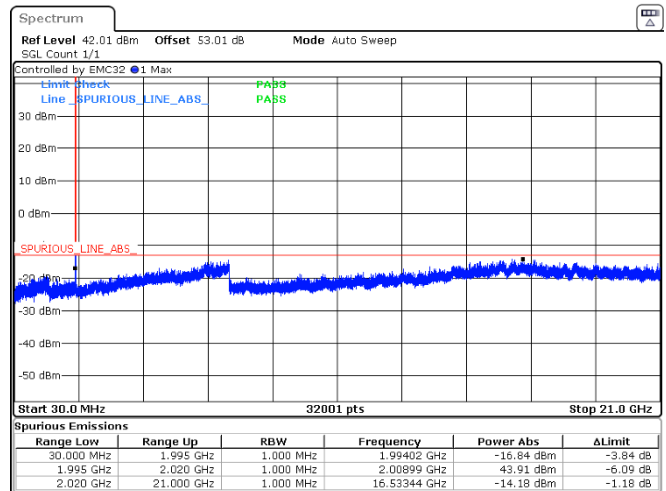
Spurious emissions, TX: 2010 MHz, BW: 20MHz, MOD: 64QAM



Spurious emissions, TX: 1967.5 MHz, BW: 5MHz, MOD: 256QAM



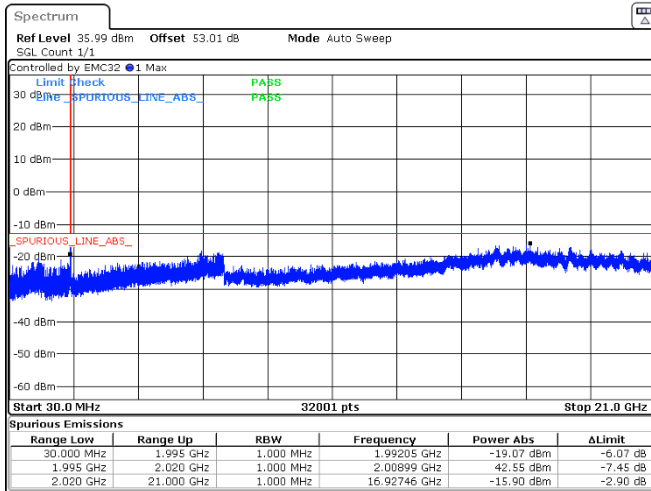
Spurious emissions, TX: 2005 MHz, BW: 20MHz, MOD: 256QAM



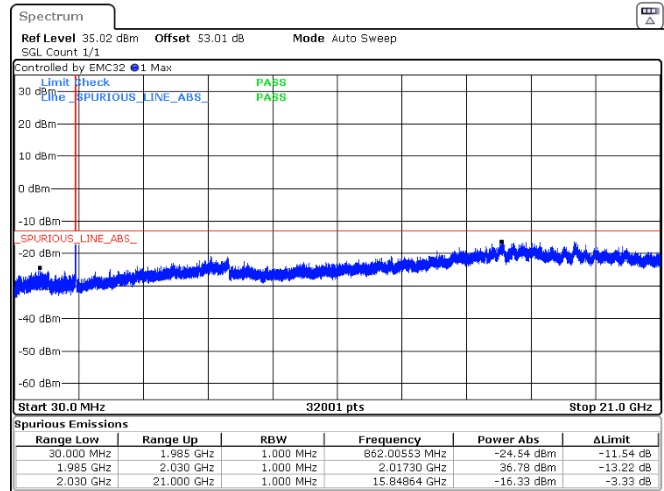
Spurious emissions, TX: 2007.5 MHz, BW: 5MHz, MOD: 256QAM

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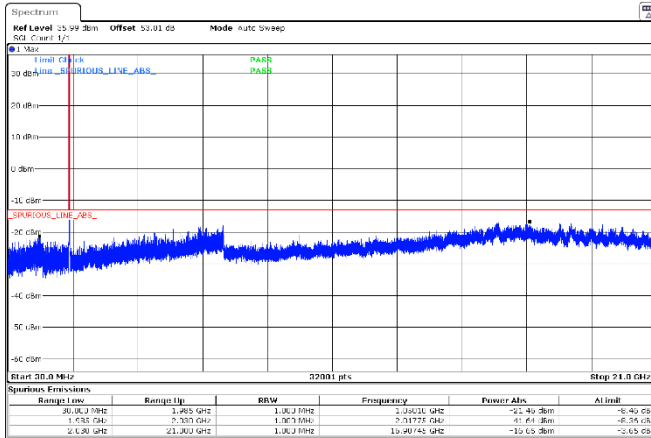
Testing data
 FCC 27.53(g), (h) Emission limits
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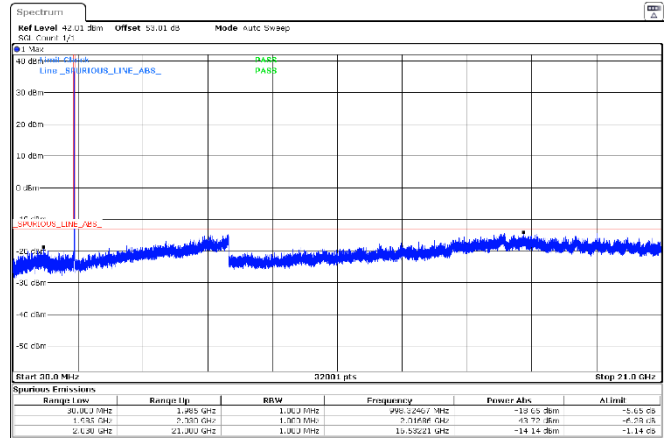
Spurious emissions, TX 2007.5 MHz, BW: 20MHz, MOD: 256QAM



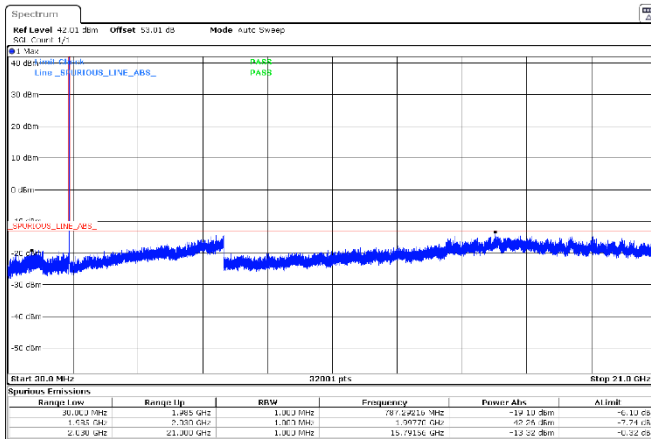
Spurious emissions, TX 2007.5 MHz, BW: 25MHz, MOD: 256QAM



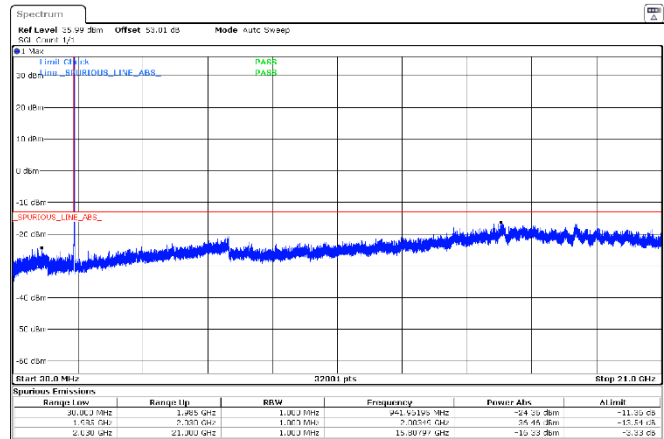
Spurious emissions, TX 2010 MHz, BW: 20MHz, MOD: 256QAM



Spurious emissions, TX 2017.5 MHz, BW: 5MHz, MOD: 256QAM



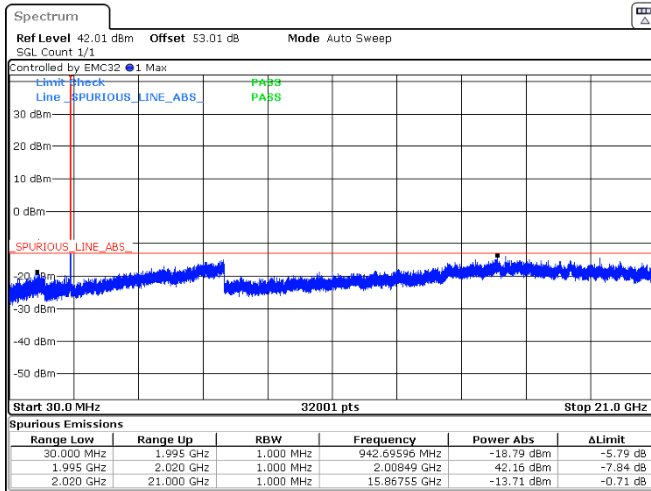
Spurious emissions, TX 1997.5 MHz, BW: 5MHz, MOD: 1024QAM



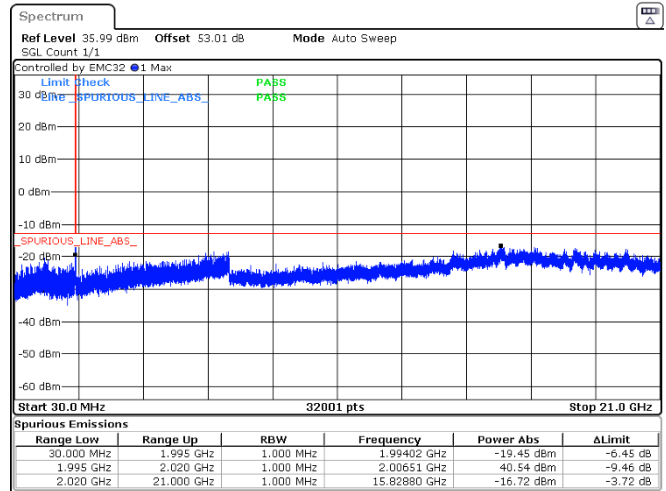
Spurious emissions, TX 2005 MHz, BW: 20MHz, MOD: 1024QAM

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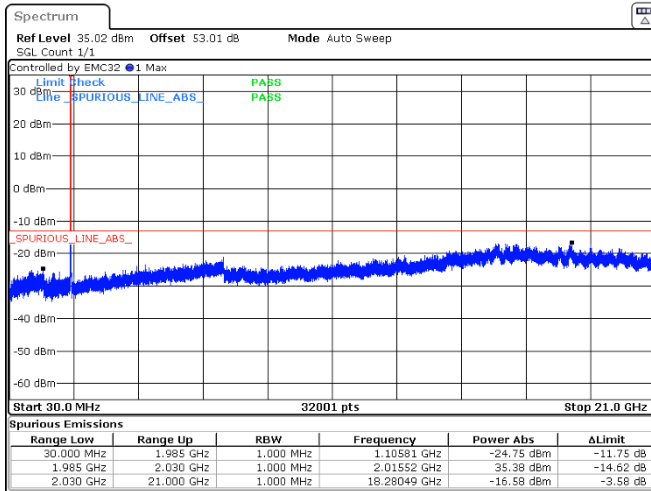
Testing data
 FCC 27.53(g), (h) Emission limits
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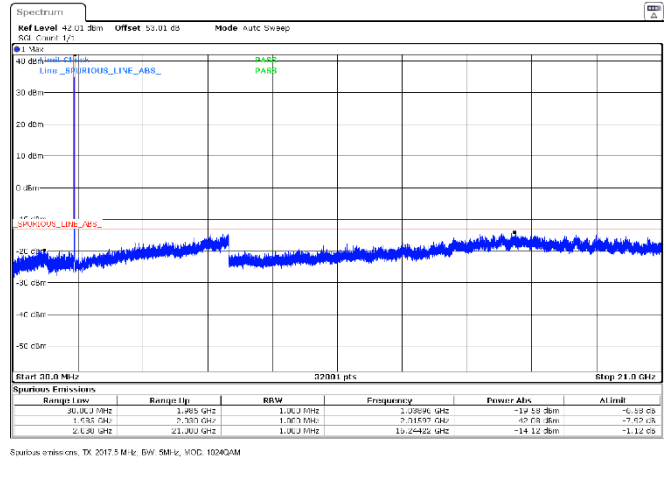
Spurious emissions, TX 2007.5 MHz, BW: 5MHz, MOD: 1024QAM



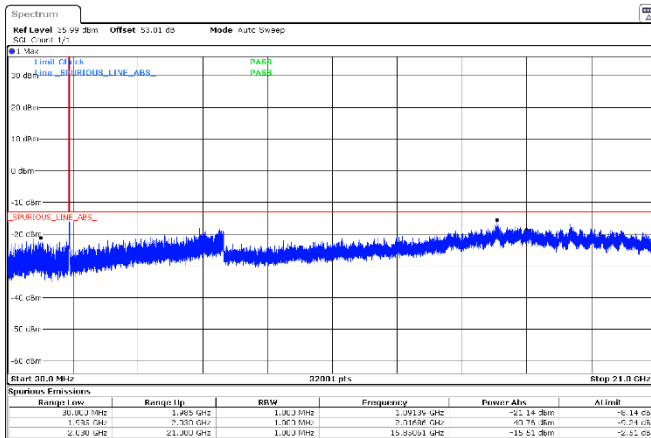
Spurious emissions, TX 2007.5 MHz, BW: 20MHz, MOD: 1024QAM



Spurious emissions, TX 2007.5 MHz, BW: 25MHz, MOD: 1024QAM

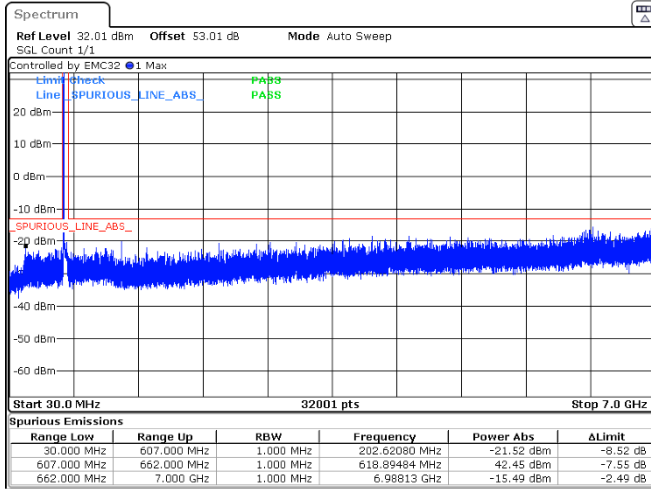


Spurious emissions, TX 2017.5 MHz, BW: 5MHz, MOD: 1024QAM

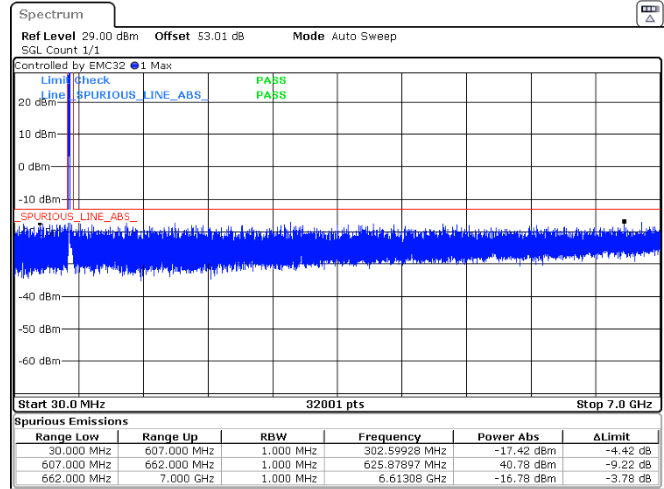


Spurious emissions, TX 2010 MHz, BW: 20MHz, MOD: 1024QAM

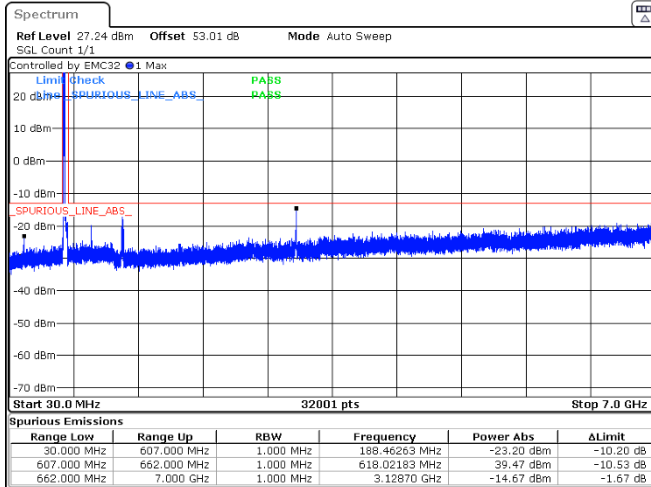
Band n71 plots



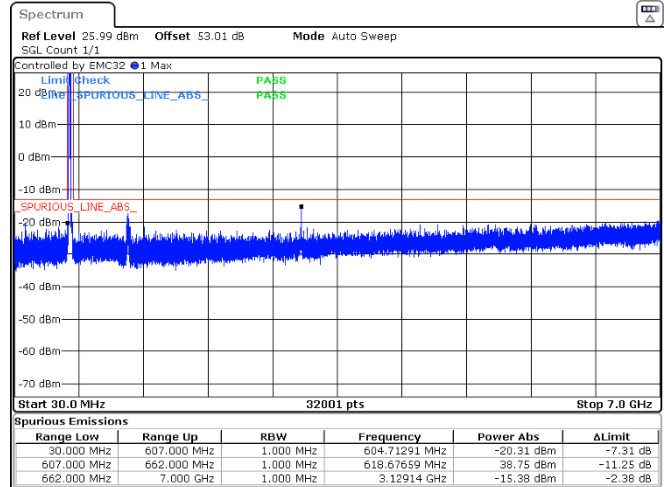
Spurious emissions, TX 619.5 MHz, BW: 5MHz, MOD: QPSK



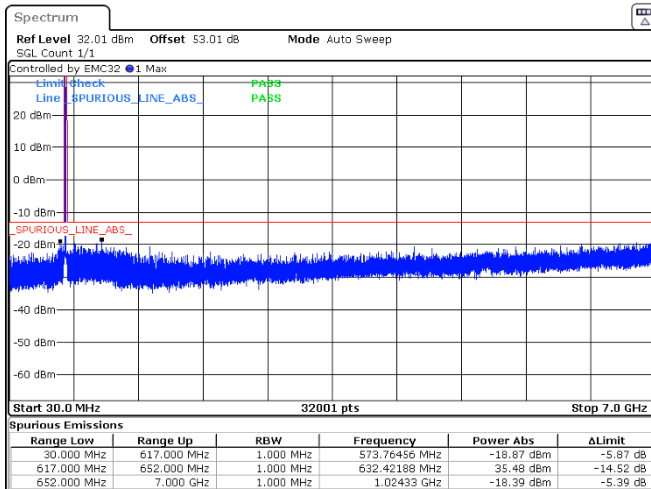
Spurious emissions, TX 622 MHz, BW: 10MHz, MOD: QPSK



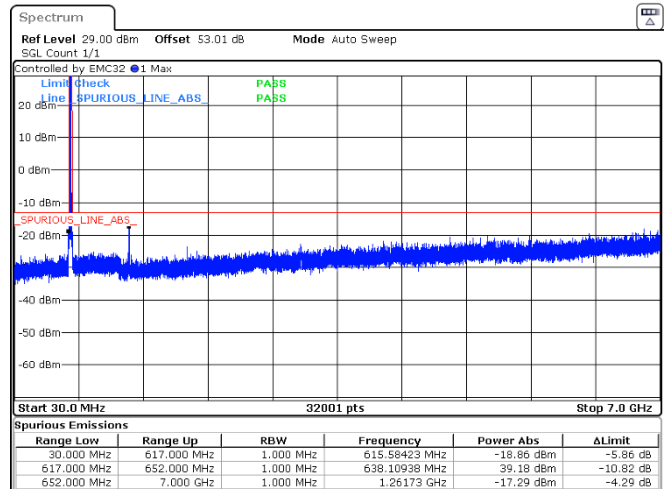
Spurious emissions, TX 624.5 MHz, BW: 15MHz, MOD: QPSK



Spurious emissions, TX 627 MHz, BW: 20MHz, MOD: QPSK



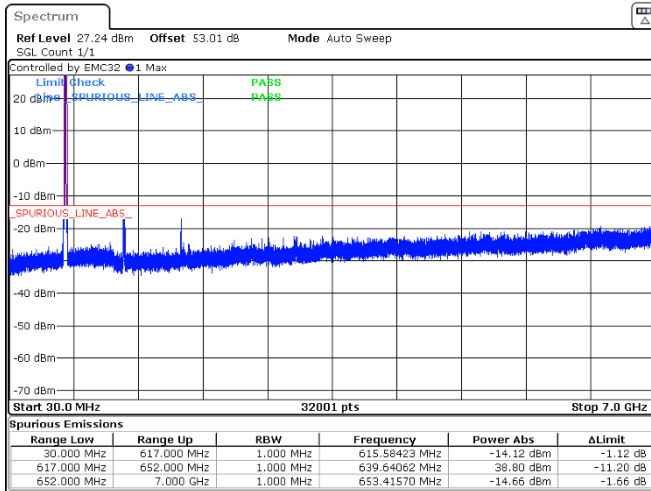
Spurious emissions, TX 634.5 MHz, BW: 5MHz, MOD: QPSK



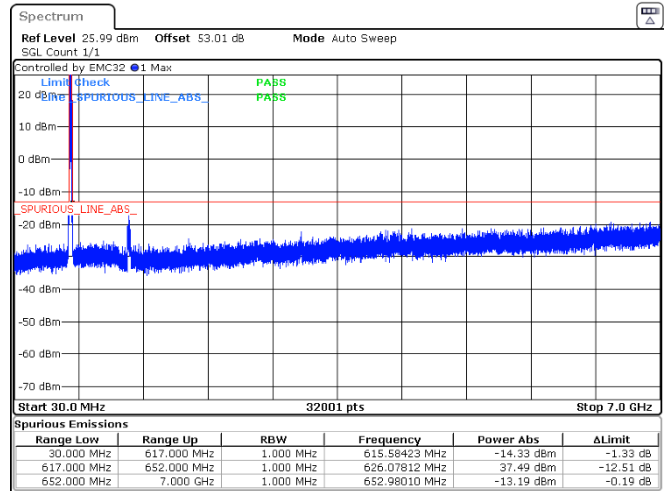
Spurious emissions, TX 634.5 MHz, BW: 10MHz, MOD: QPSK

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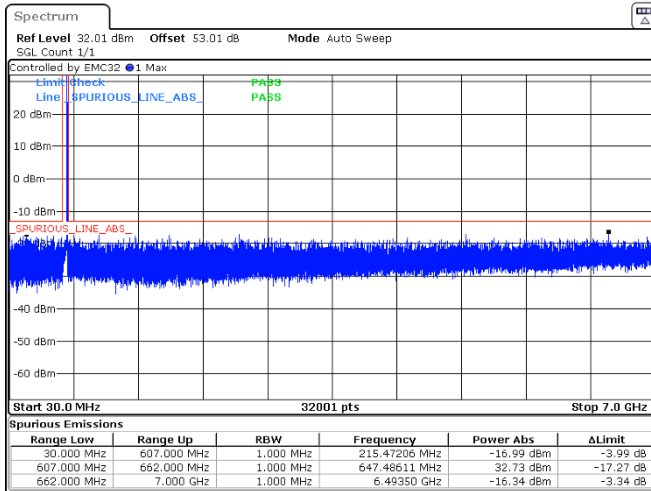
Testing data
 FCC 27.53(g), (h) Emission limits
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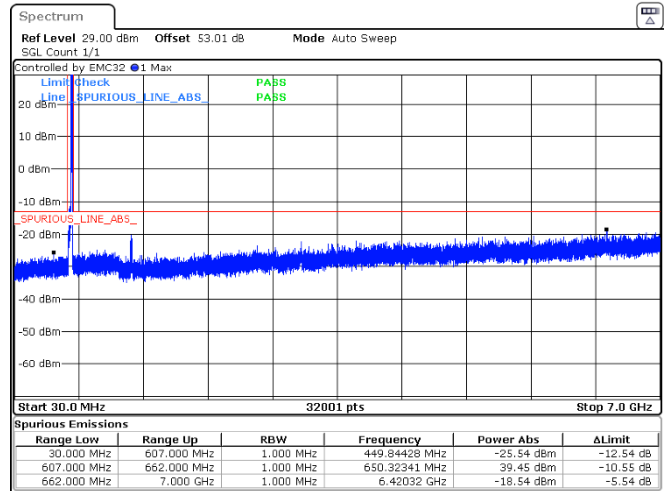
Spurious emissions, TX: 634.5 MHz, BW: 15MHz, MOD: QPSK



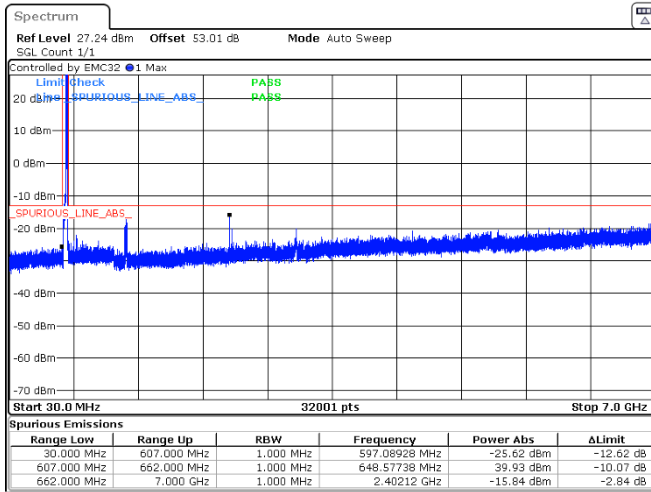
Spurious emissions, TX: 634.5 MHz, BW: 20MHz, MOD: QPSK



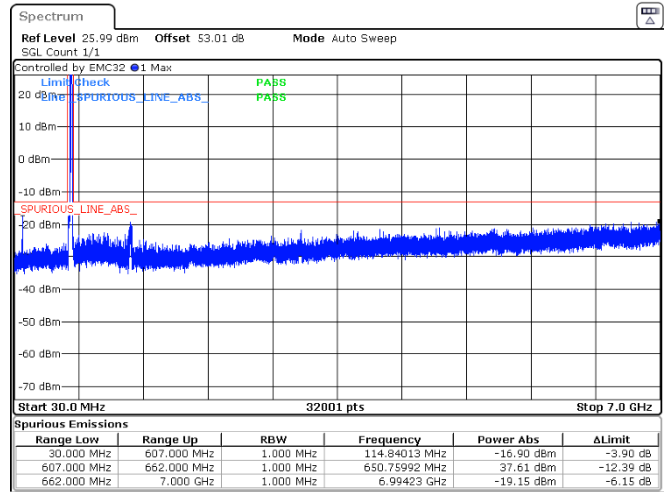
Spurious emissions, TX: 649.5 MHz, BW: 5MHz, MOD: QPSK



Spurious emissions, TX: 647 MHz, BW: 10MHz, MOD: QPSK



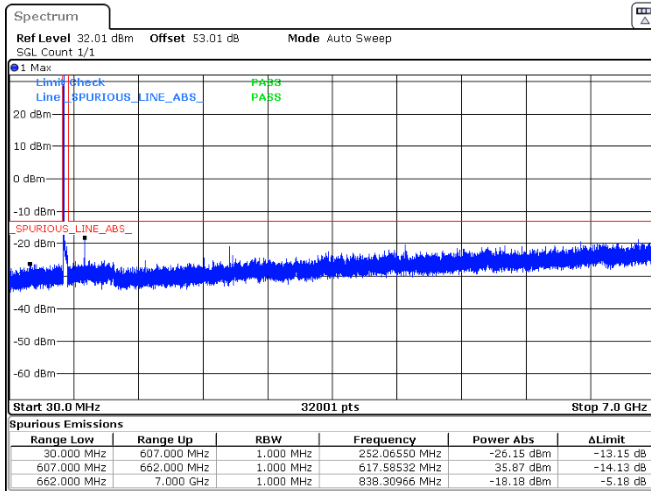
Spurious emissions, TX: 644.5 MHz, BW: 15MHz, MOD: QPSK



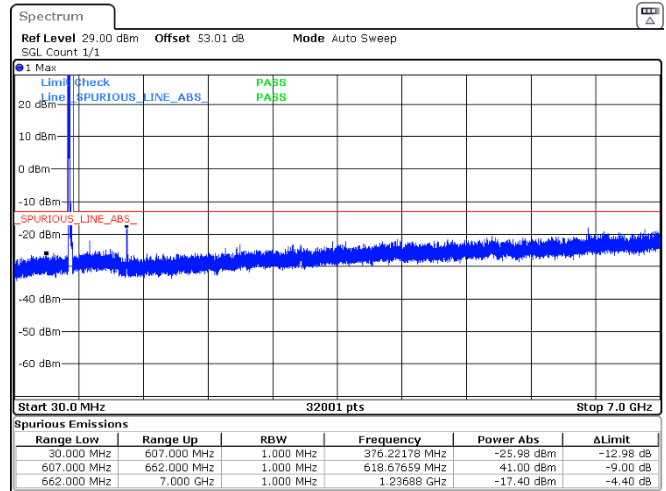
Spurious emissions, TX: 642 MHz, BW: 20MHz, MOD: QPSK

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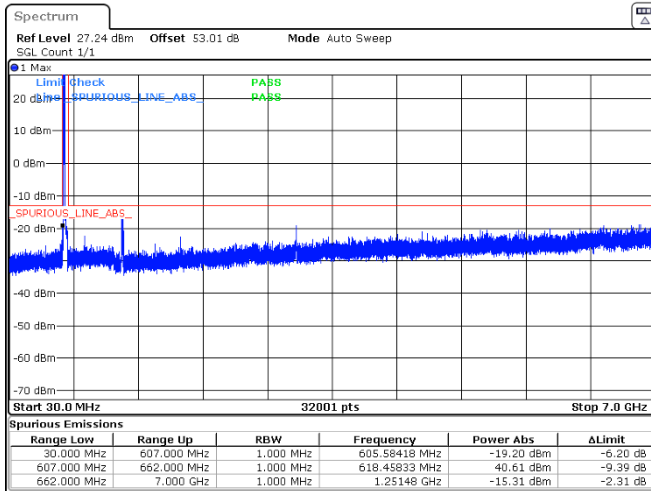
Testing data
 FCC 27.53(g), (h) Emission limits
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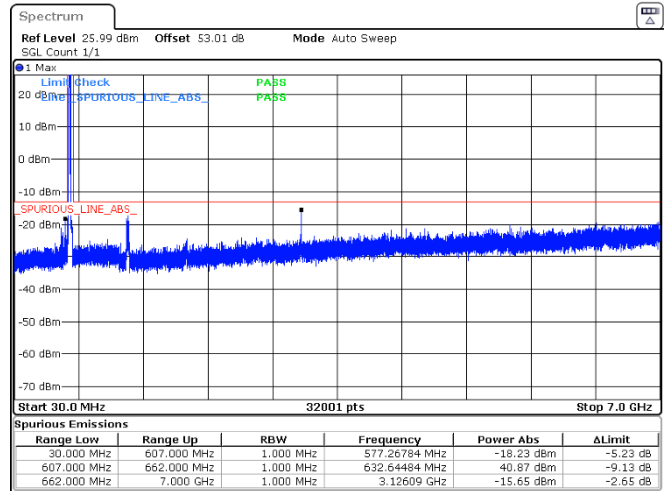
Spurious emissions, TX 619.5 MHz, BW: 5MHz, MOD: 16QAM



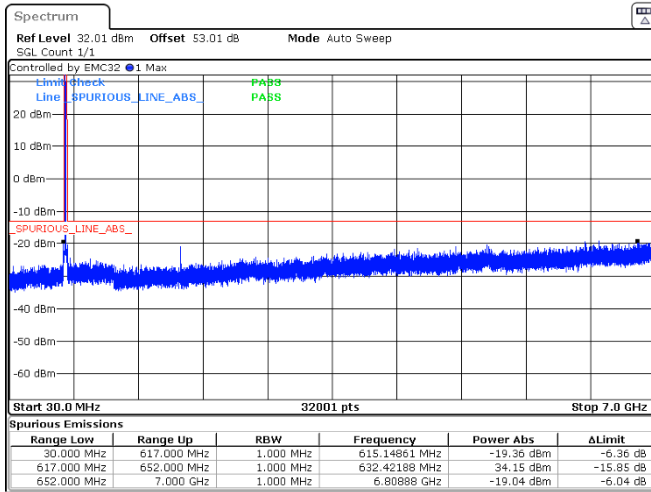
Spurious emissions, TX 622 MHz, BW: 10MHz, MOD: 16QAM



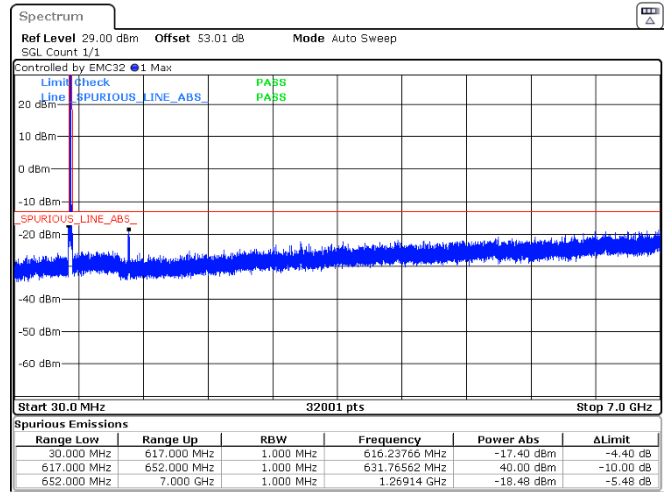
Spurious emissions, TX 624.5 MHz, BW: 15MHz, MOD: 16QAM



Spurious emissions, TX 627 MHz, BW: 20MHz, MOD: 16QAM



Spurious emissions, TX 634.5 MHz, BW: 5MHz, MOD: 16QAM



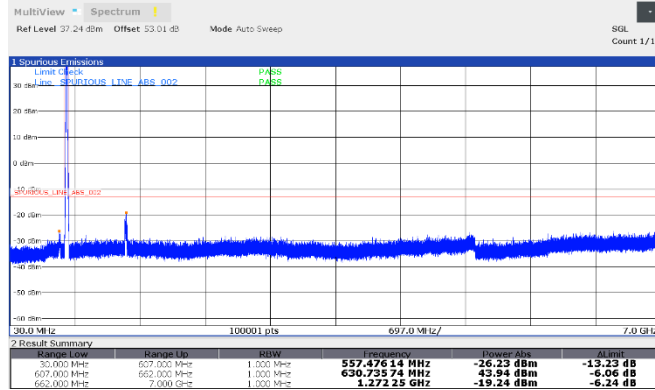
Spurious emissions, TX 634.5 MHz, BW: 10MHz, MOD: 16QAM

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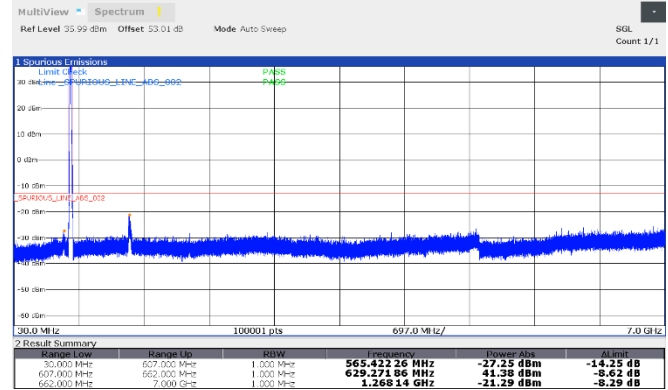
Testing data
 FCC 27.53(g), (h) Emission limits
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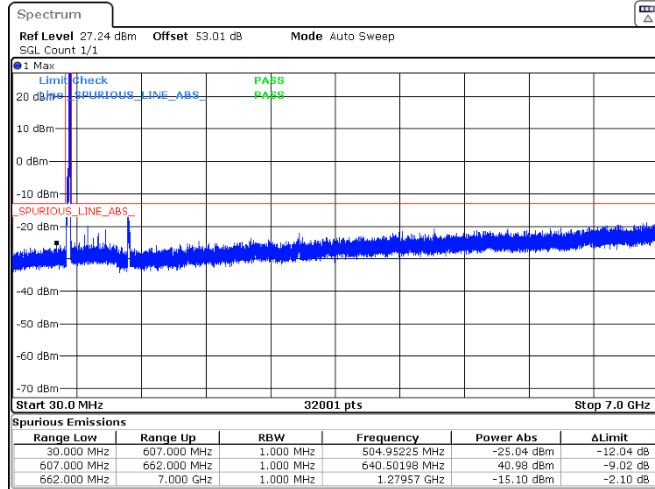
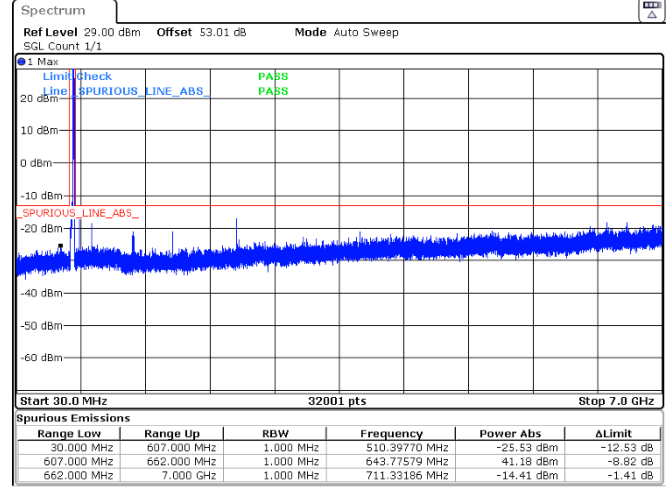
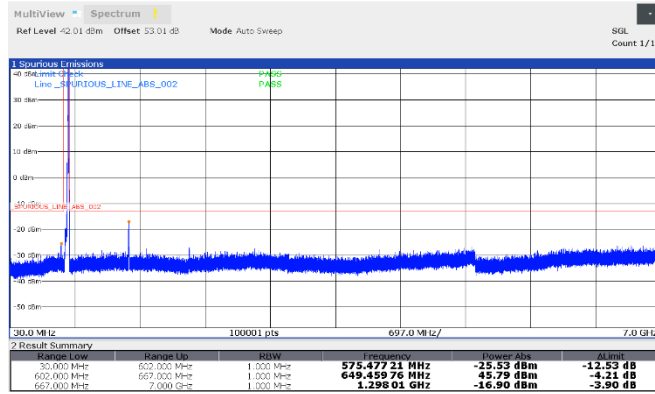
Spurious emissions, TX: 634.5 MHz, BW: 15MHz, MOD: 16QAM



Spurious emissions, TX: 634.5 MHz, BW: 20MHz, MOD: 16QAM

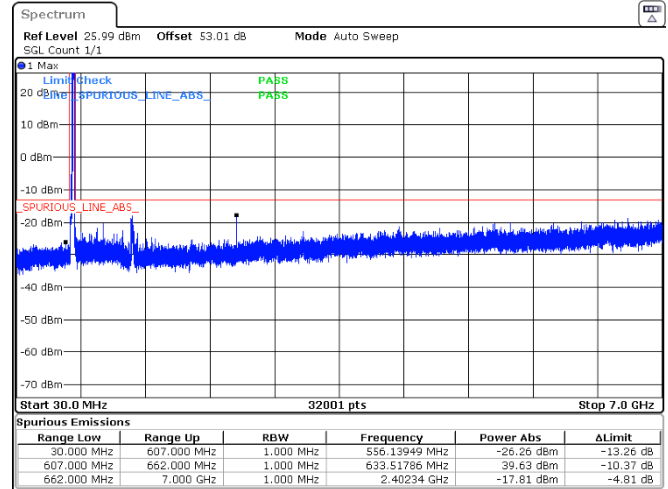


Spurious emissions, TX: 649.5 MHz, BW: 5MHz, MOD: 16QAM



Spurious emissions, TX 644.5 MHz, BW: 15MHz, MOD: 16QAM

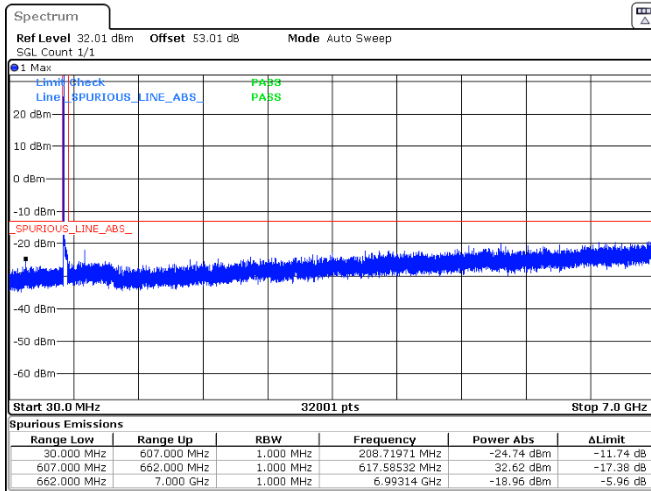
Spurious emissions, TX 647 MHz, BW: 10MHz, MOD: 16QAM



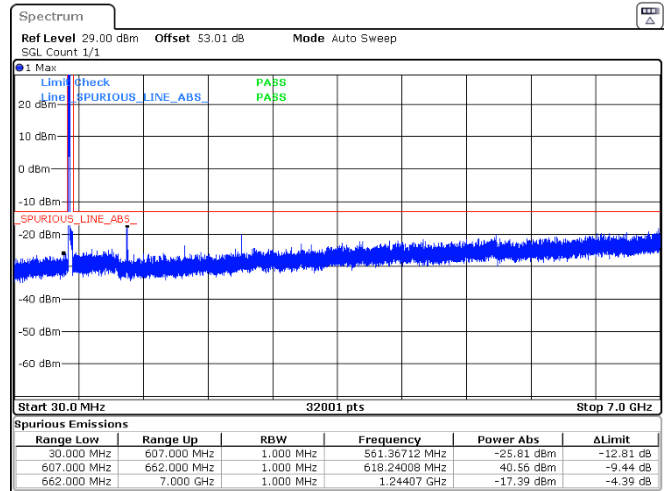
Spurious emissions, TX 642 MHz, BW: 20MHz, MOD: 16QAM

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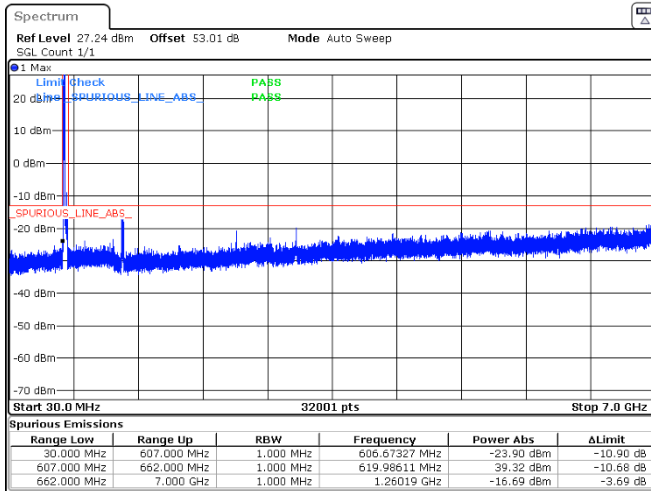
Testing data
 FCC 27.53(g), (h) Emission limits
 FCC Part 27



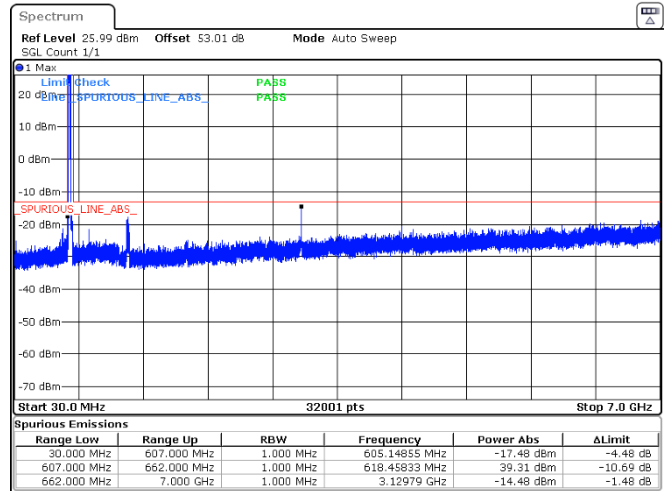
Spurious emissions, TX 819.5 MHz, BW: 5MHz, MOD: 64QAM



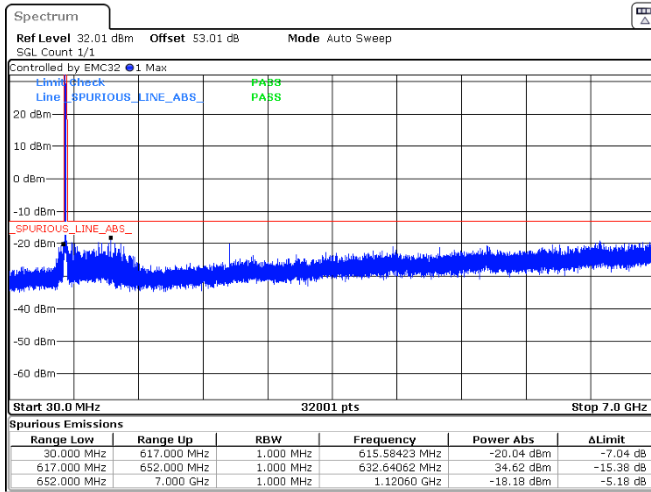
Spurious emissions, TX 622 MHz, BW: 10MHz, MOD: 64QAM



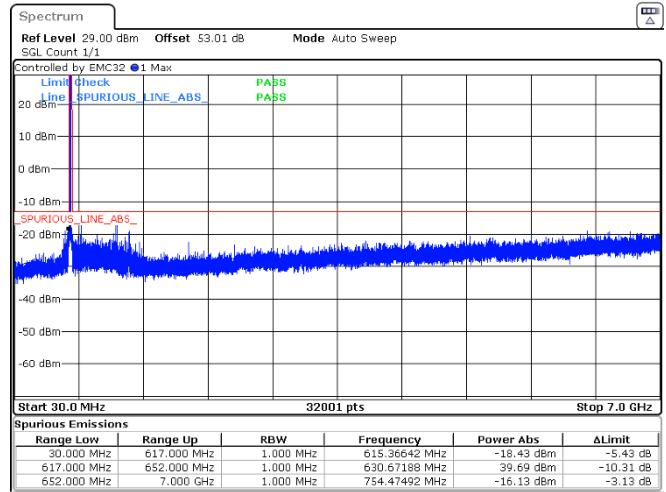
Spurious emissions, TX 624.5 MHz, BW: 15MHz, MOD: 64QAM



Spurious emissions, TX 627 MHz, BW: 20MHz, MOD: 64QAM



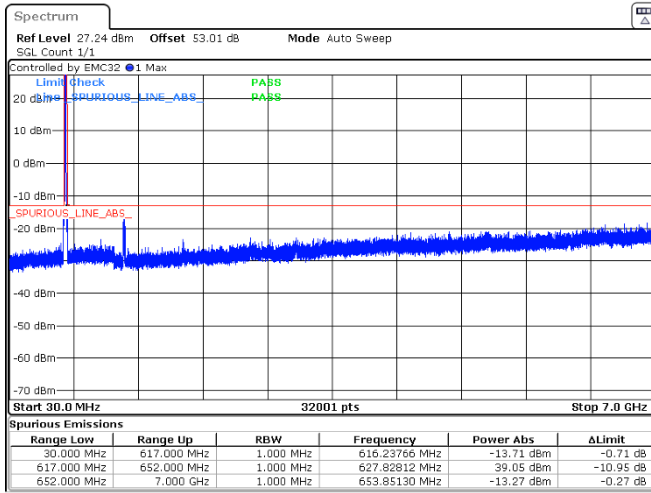
Spurious emissions, TX 634.5 MHz, BW: 5MHz, MOD: 64QAM



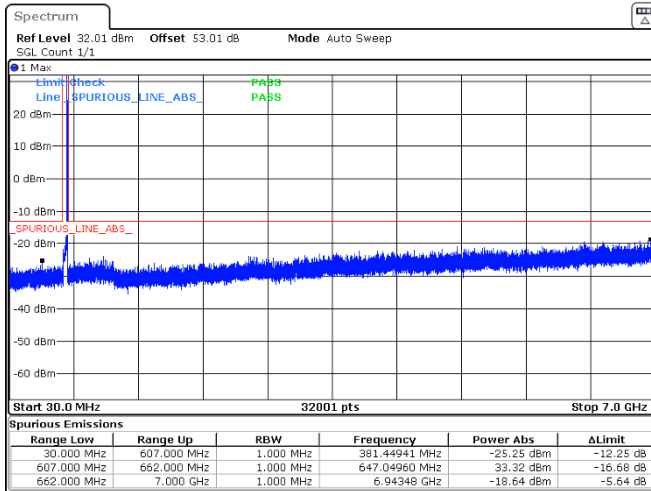
Spurious emissions, TX 634.5 MHz, BW: 10MHz, MOD: 64QAM

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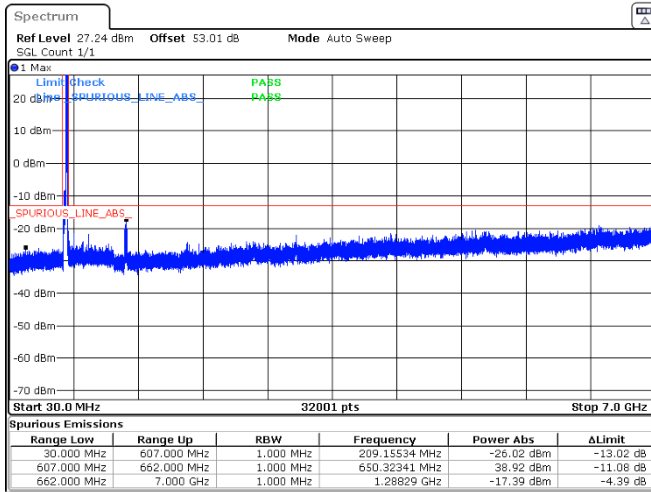
Testing data
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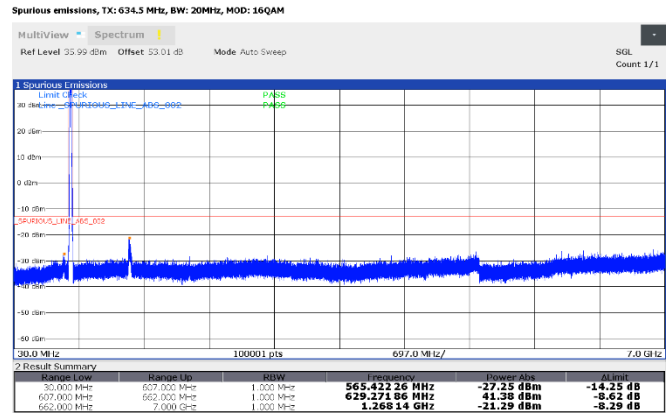
Spurious emissions, TX: 634.5 MHz, BW: 15MHz, MOD: 64QAM



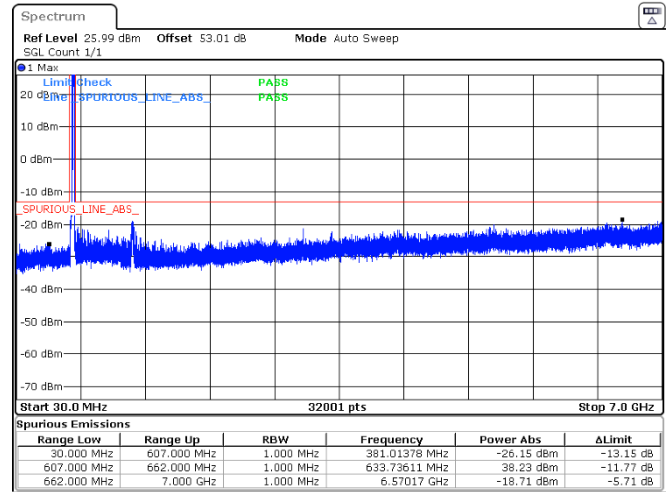
Spurious emissions, TX: 649.5 MHz, BW: 5MHz, MOD: 64QAM



Spurious emissions, TX: 644.5 MHz, BW: 15MHz, MOD: 64QAM



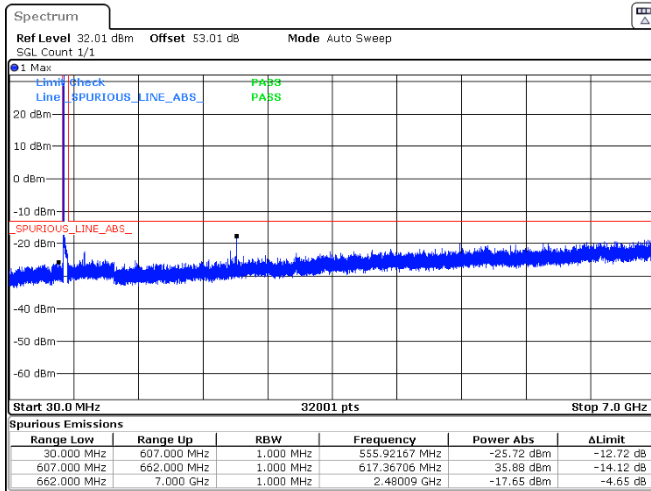
Spurious emissions, TX: 647 MHz, BW: 10MHz, MOD: 64QAM



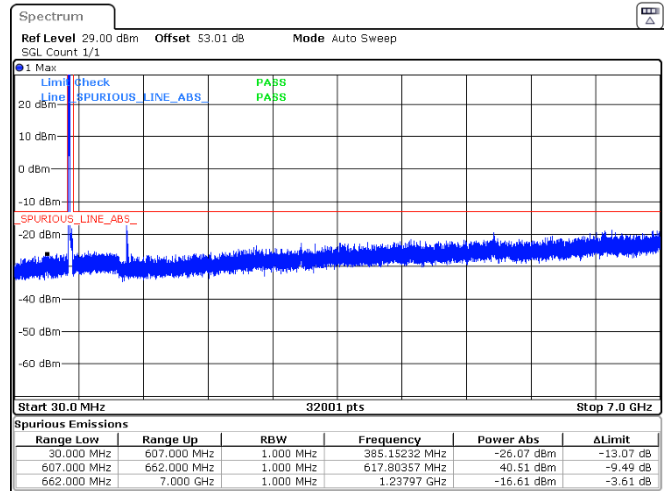
Spurious emissions, TX: 642 MHz, BW: 20MHz, MOD: 64QAM

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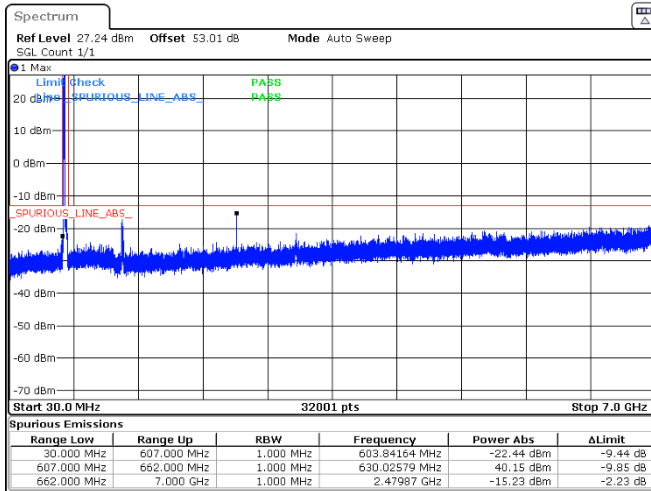
Testing data
 FCC 27.53(g), (h) Emission limits
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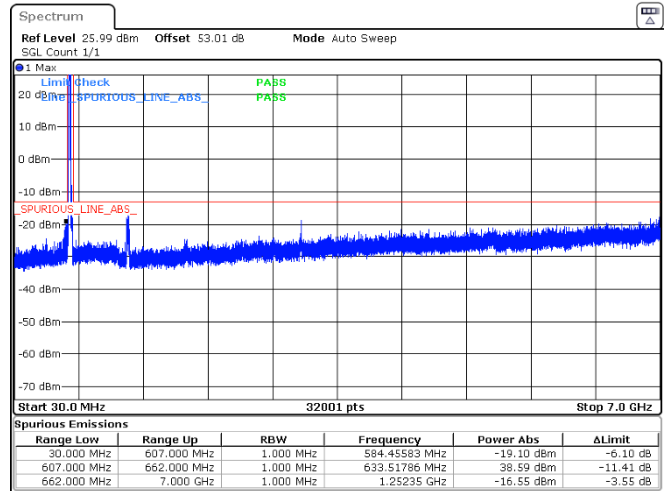
Spurious emissions, TX 819.5 MHz, BW: 5MHz, MOD: 256QAM



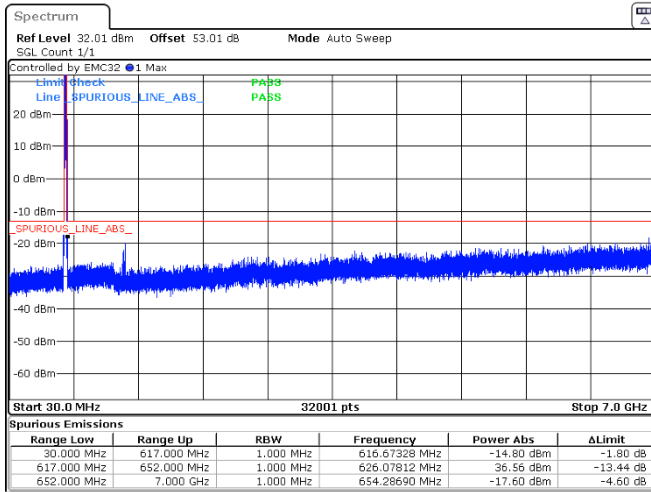
Spurious emissions, TX 622 MHz, BW: 10MHz, MOD: 256QAM



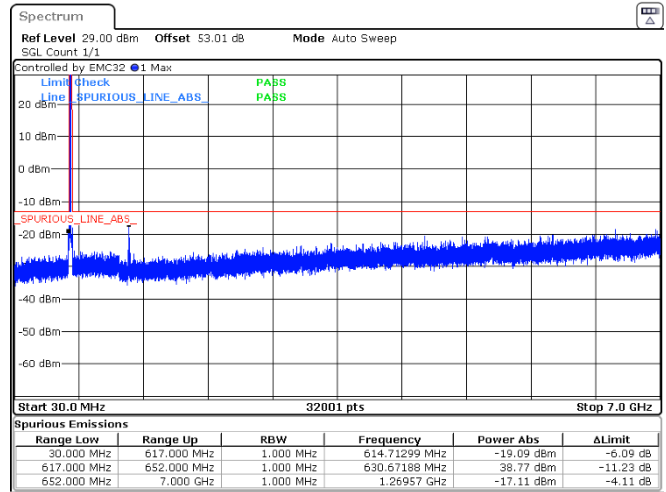
Spurious emissions, TX 624.5 MHz, BW: 15MHz, MOD: 256QAM



Spurious emissions, TX 627 MHz, BW: 20MHz, MOD: 256QAM



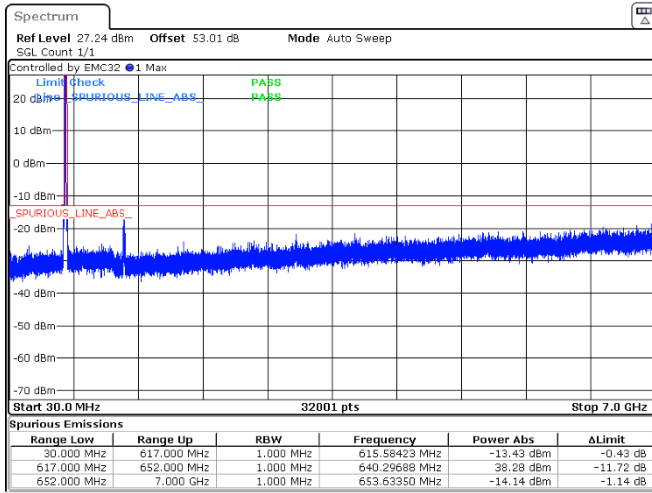
Spurious emissions, TX 634.5 MHz, BW: 5MHz, MOD: 256QAM



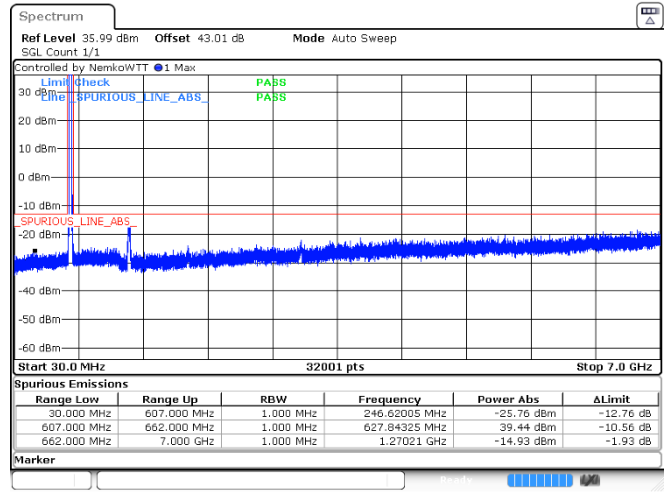
Spurious emissions, TX 634.5 MHz, BW: 10MHz, MOD: 256QAM

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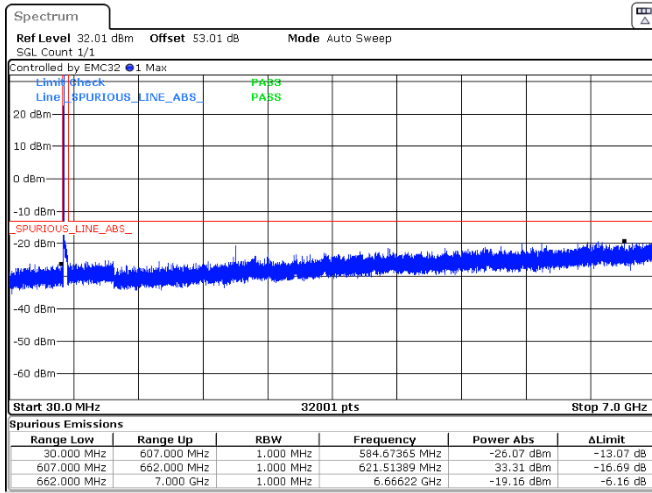
Testing data
 FCC 27.53(g), (h) Emission limits
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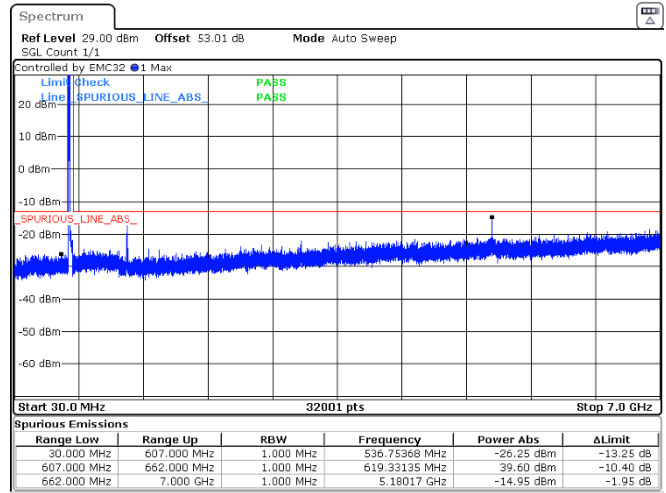
Spurious emissions, TX: 634.5 MHz, BW: 15MHz, MOD: 256QAM



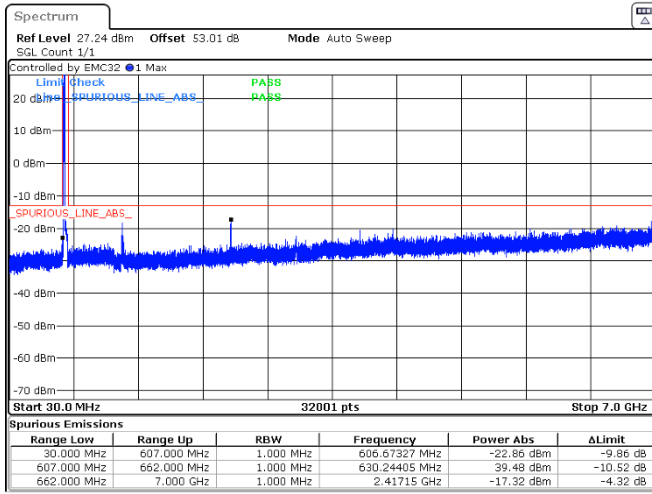
Spurious emissions, TX: 634.5 MHz, BW: 20MHz, MOD: 256QAM



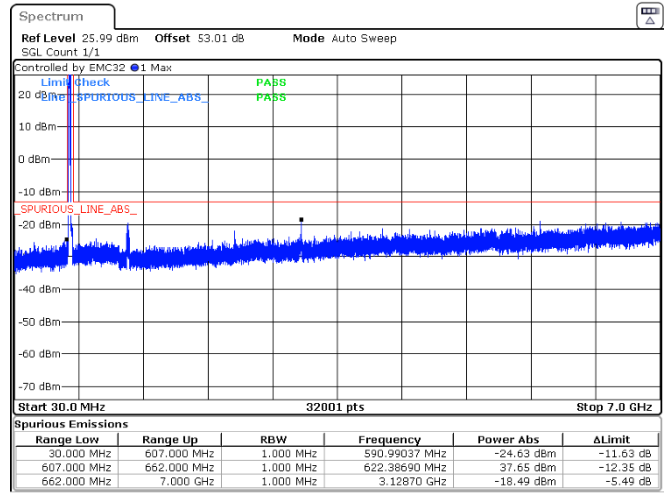
Spurious emissions, TX: 619.5 MHz, BW: 5MHz, MOD: 1024QAM



Spurious emissions, TX: 622 MHz, BW: 10MHz, MOD: 1024QAM



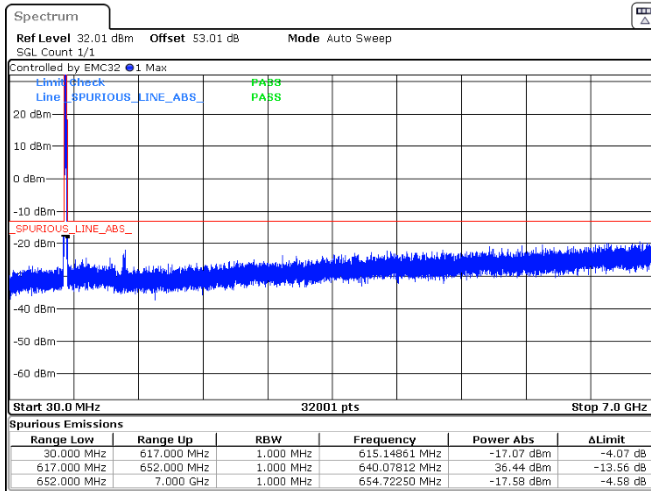
Spurious emissions, TX: 624.5 MHz, BW: 15MHz, MOD: 1024QAM



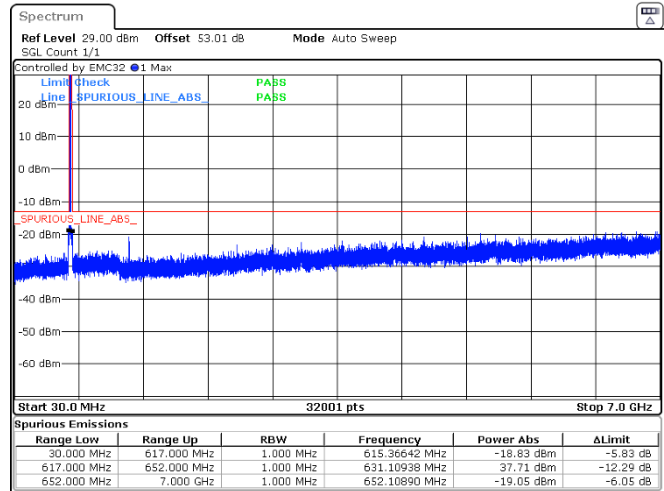
Spurious emissions, TX: 627 MHz, BW: 20MHz, MOD: 1024QAM

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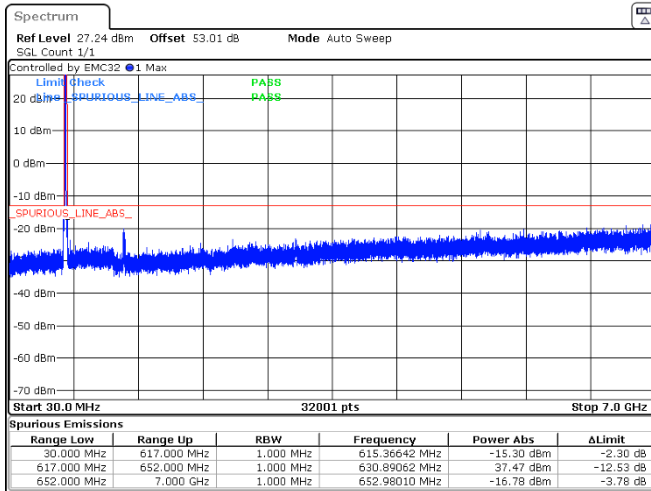
Testing data
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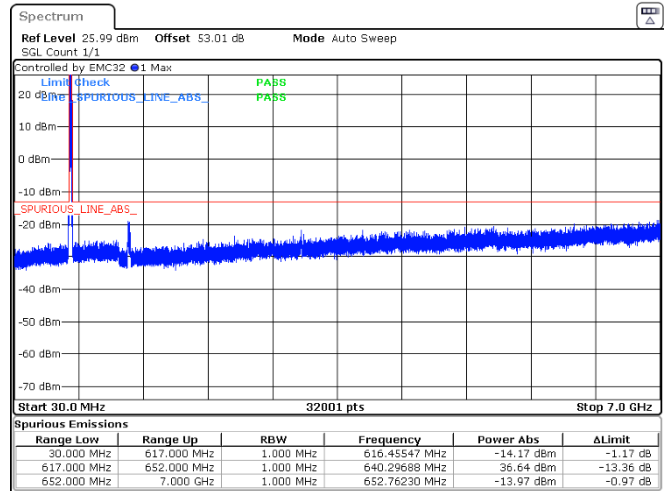
Spurious emissions, TX 634.5 MHz, BW: 5MHz, MOD: 1024QAM



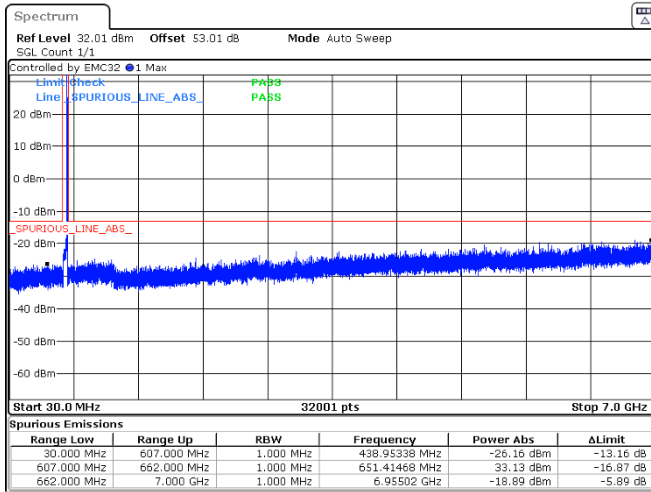
Spurious emissions, TX 634.5 MHz, BW: 10MHz, MOD: 1024QAM



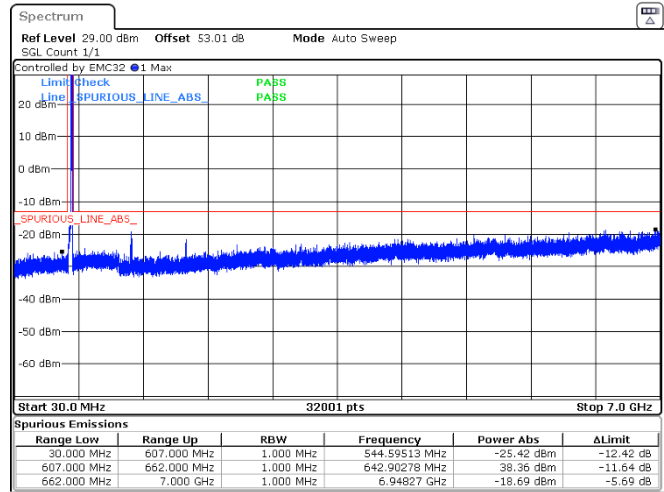
Spurious emissions, TX 634.5 MHz, BW: 15MHz, MOD: 1024QAM



Spurious emissions, TX 634.5 MHz, BW: 20MHz, MOD: 1024QAM



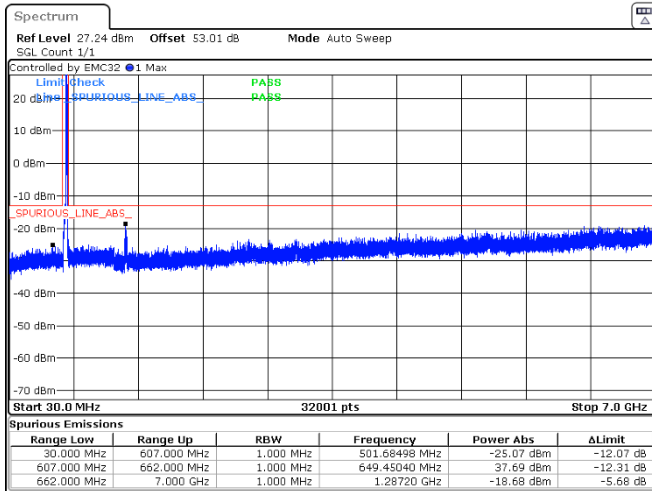
Spurious emissions, TX 649.5 MHz, BW: 5MHz, MOD: 1024QAM



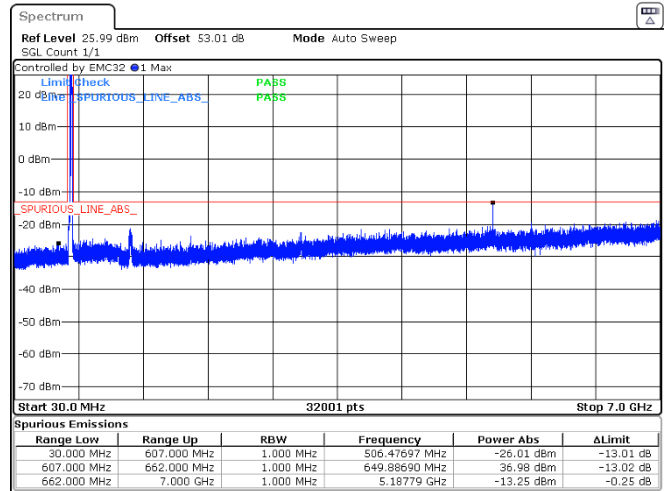
Spurious emissions, TX 647 MHz, BW: 10MHz, MOD: 1024QAM

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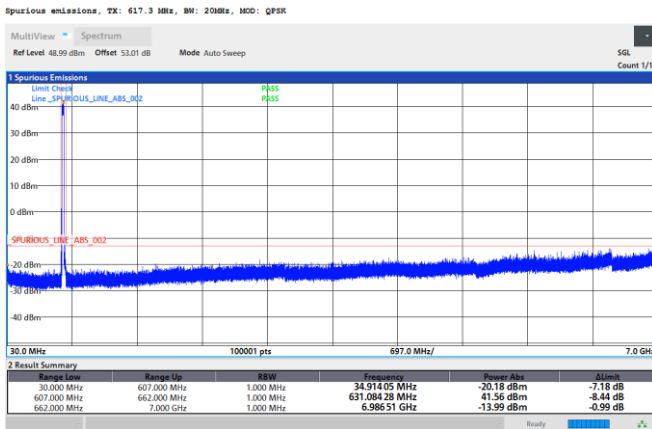


Spurious emissions, TX: 644.5 MHz, BW: 15MHz, MOD: 1024QAM

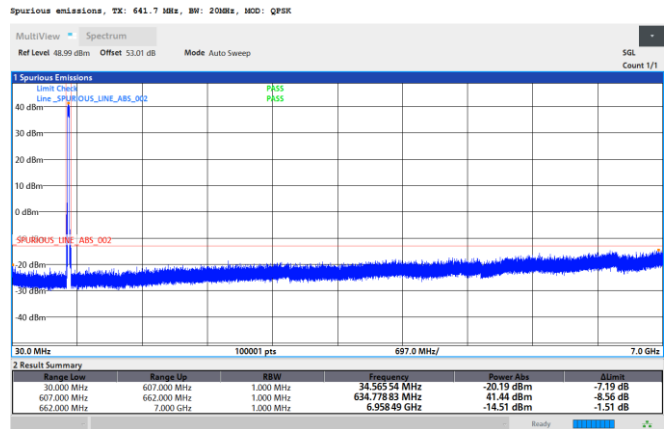


Spurious emissions, TX: 642 MHz, BW: 20MHz, MOD: 1024QAM

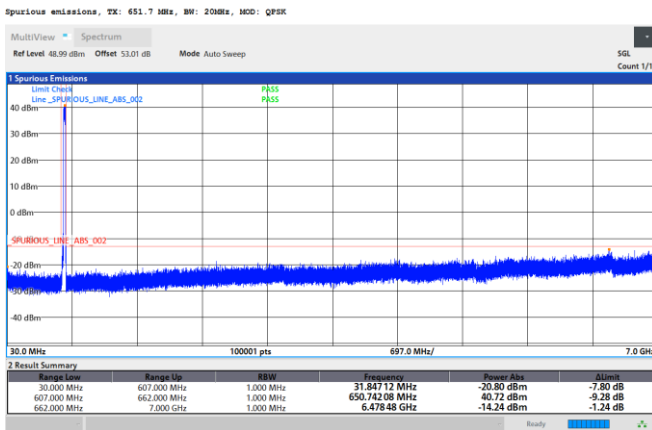
Band n71 NB-IoT plots



Spurious emissions, TX: 617.3 MHz, BW: 20MHz, MOD: QPSK



Spurious emissions, TX: 641.7 MHz, BW: 20MHz, MOD: QPSK

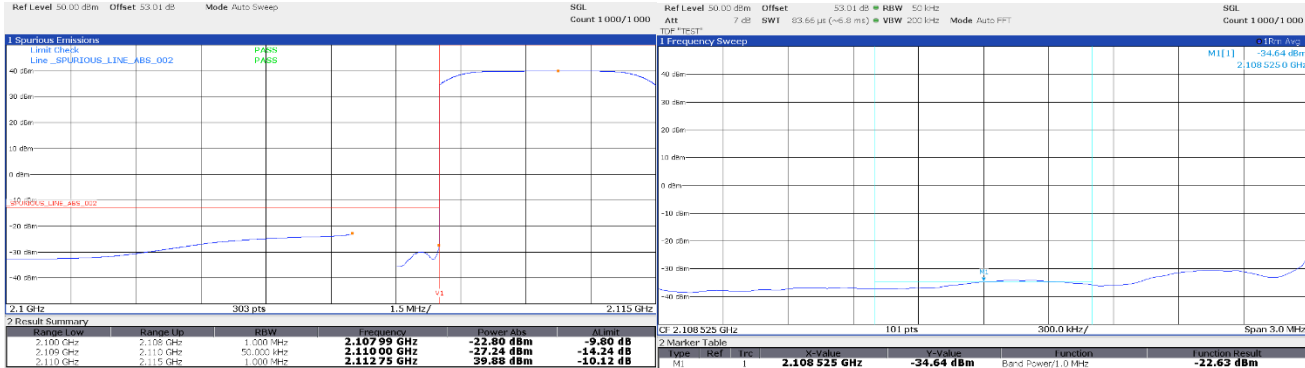


Spurious emissions, TX: 651.7 MHz, BW: 20MHz, MOD: QPSK



Band n66 band edge plots

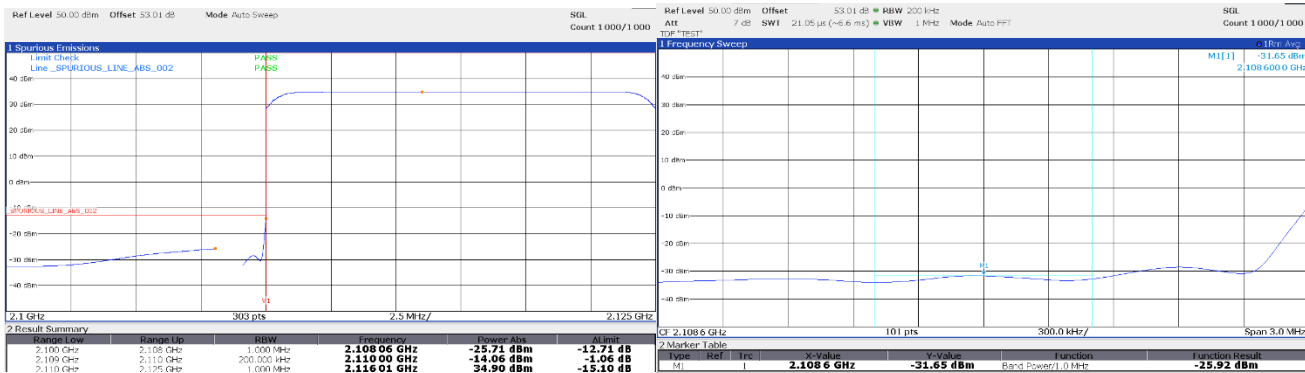
Note: In the 1 MHz band adjacent to the band edge, a resolution bandwidth of approximately 1-5 % of the occupied bandwidth was used. In the next adjacent 1 MHz band, the same resolution bandwidth was used and the total power in that 1 MHz measured using the band power function of the spectrum analyzer. In the plots below, the left hand plot shows the emissions in the 1 MHz band immediately adjacent to the band edge and the right hand plot shows the emissions in the next adjacent 1 MHz region, measured as a total channel power over 1 MHz.



Band Edge. TX:2108.5MHz, BW: 5MHz, MOD: QPSK



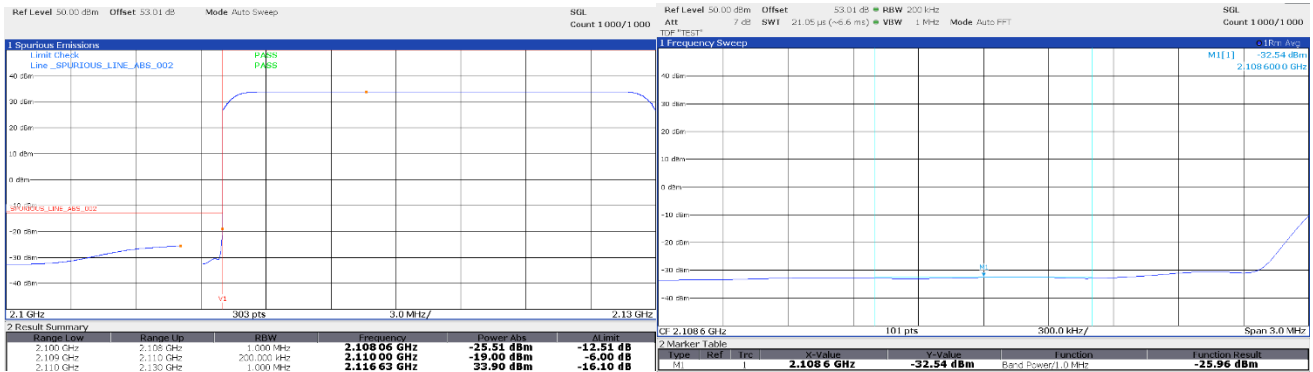
Band Edge. TX:2115MHz, BW: 10MHz, MOD: QPSK



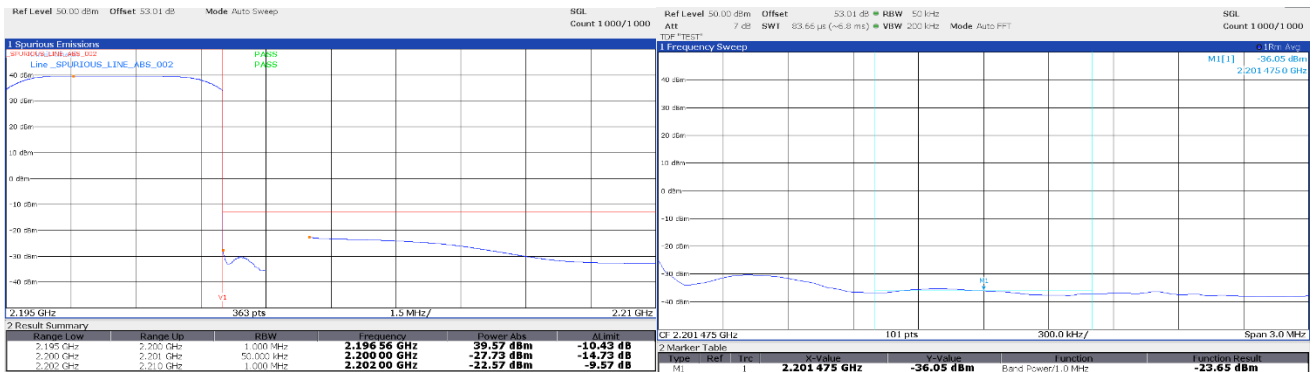
Band Edge. TX:2117.5MHz, BW: 15MHz, MOD: QPSK

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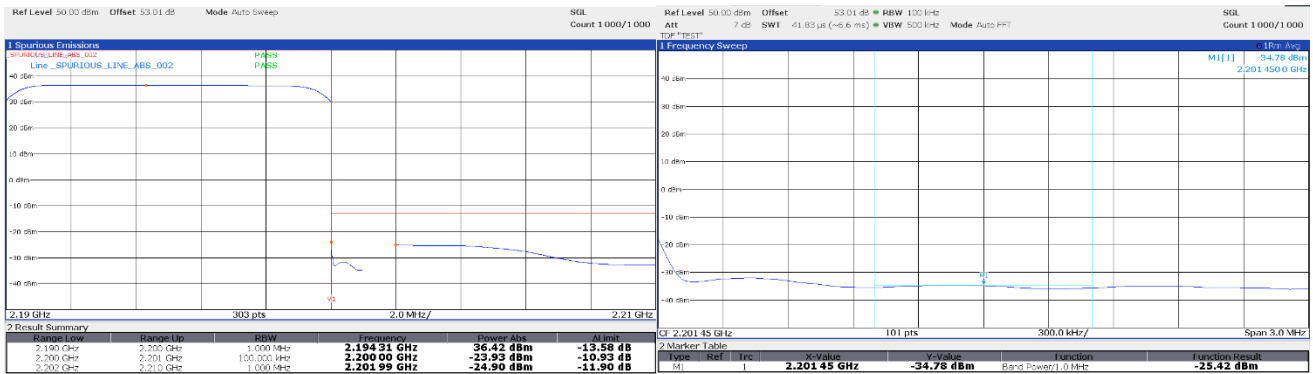
Testing data
 FCC 27.53(g), (h) Emission limits
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Band Edge. TX:2120MHz, BW: 20MHz, MOD: QPSK



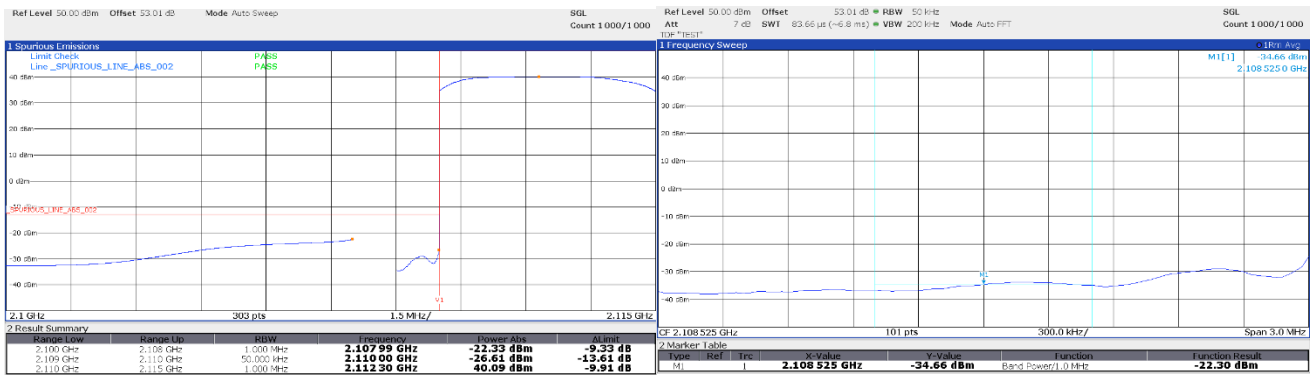
Band Edge. TX:2197.5MHz, BW: 5MHz, MOD: QPSK



Band Edge. TX:2195MHz, BW: 10MHz, MOD: QPSK

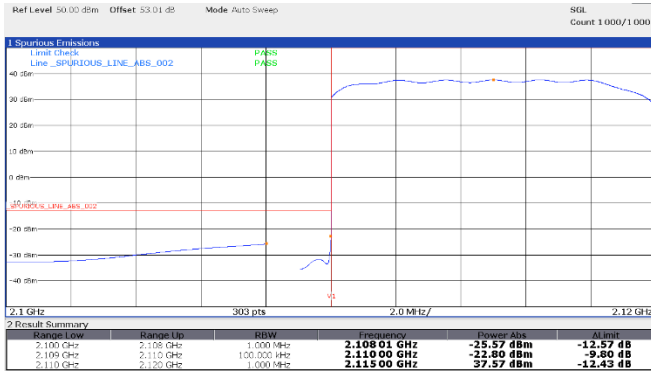
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Testing data
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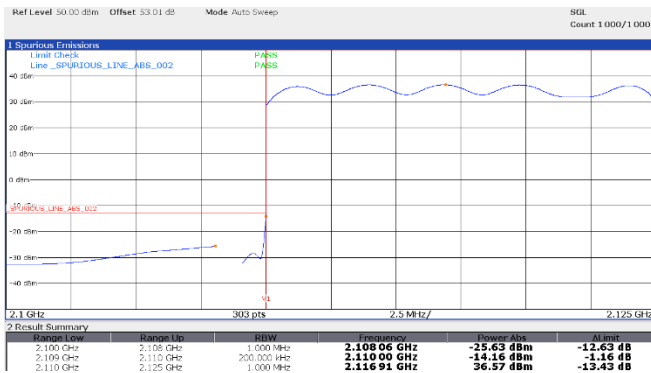


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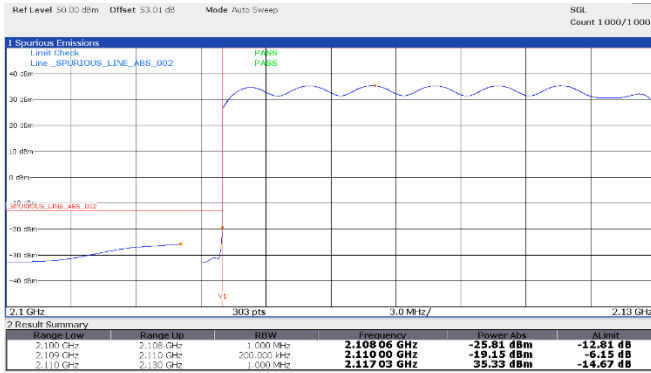
Testing data
 FCC 27.53(g), (h) Emission limits
 FCC Part 27



Band Edge. TX:2115MHz, BW: 10MHz, MOD: 16QAM



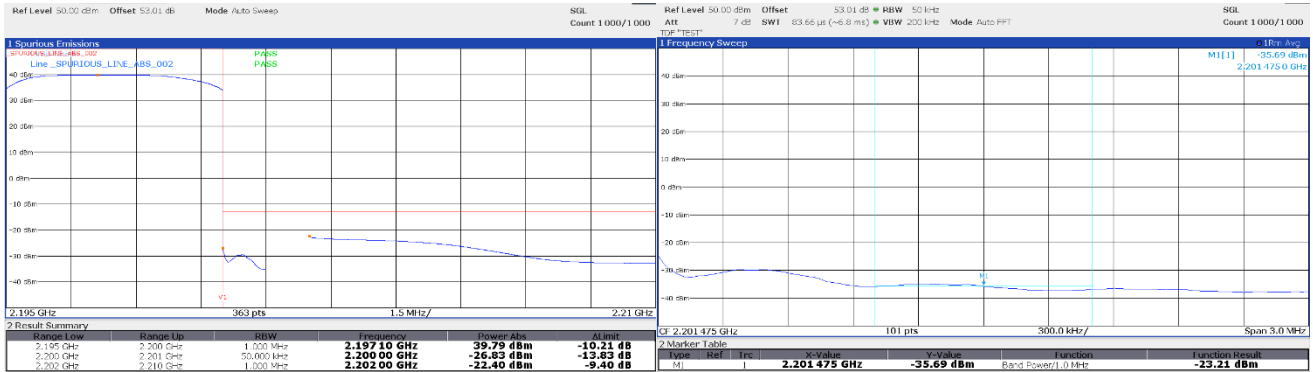
Band Edge. TX:2117.5MHz, BW: 15MHz, MOD: 16QAM



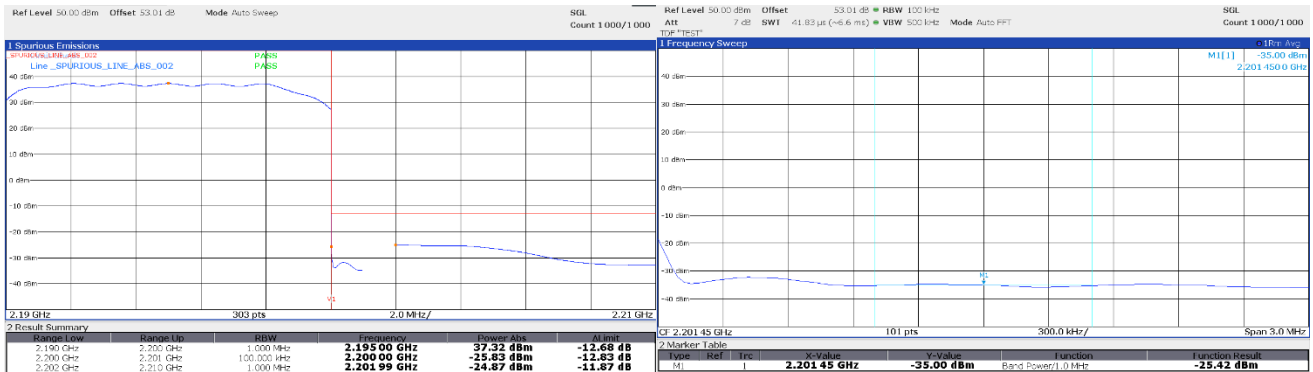
Band Edge. TX:2120MHz, BW: 20MHz, MOD: 16QAM

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Band Edge. TX:2197.5MHz, BW: 5MHz, MOD: 16QAM



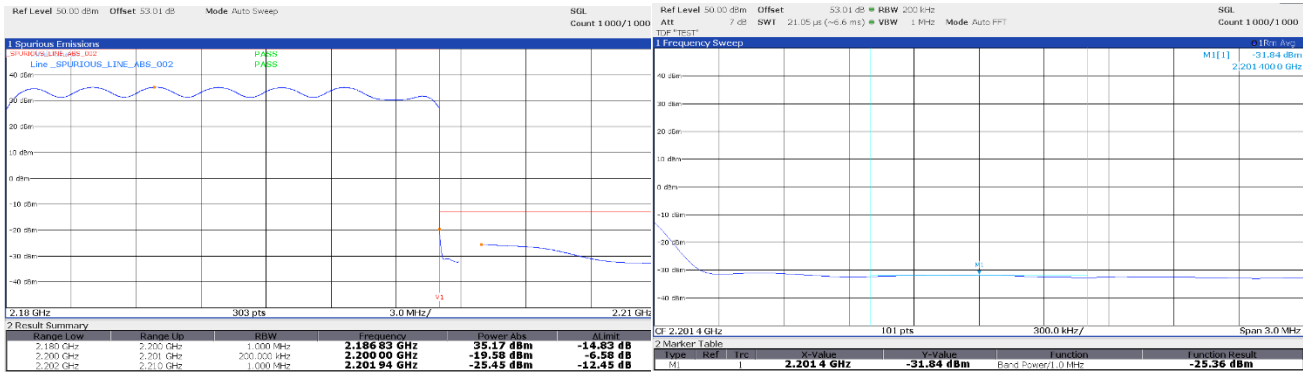
Band Edge. TX:2195MHz, BW: 10MHz, MOD: 16QAM



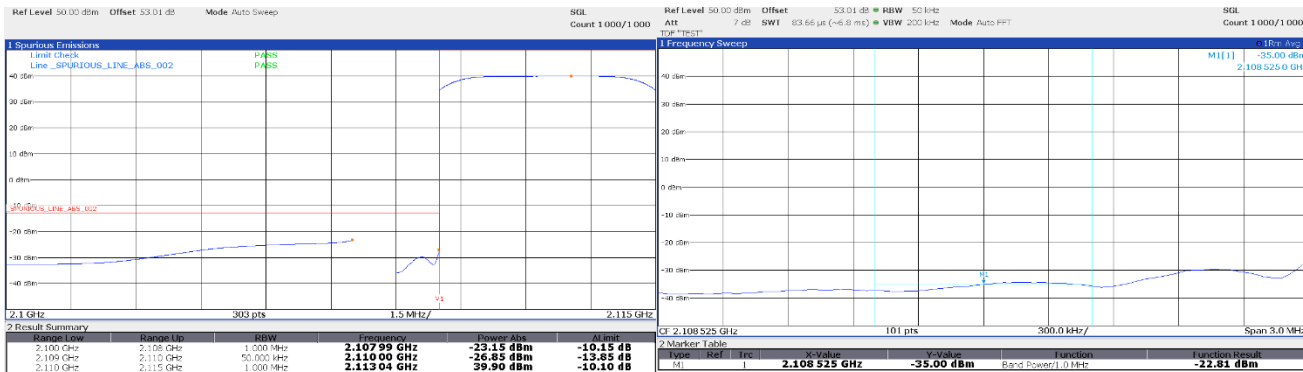
Band Edge. TX:2192.5MHz, BW: 15MHz, MOD: 16QAM

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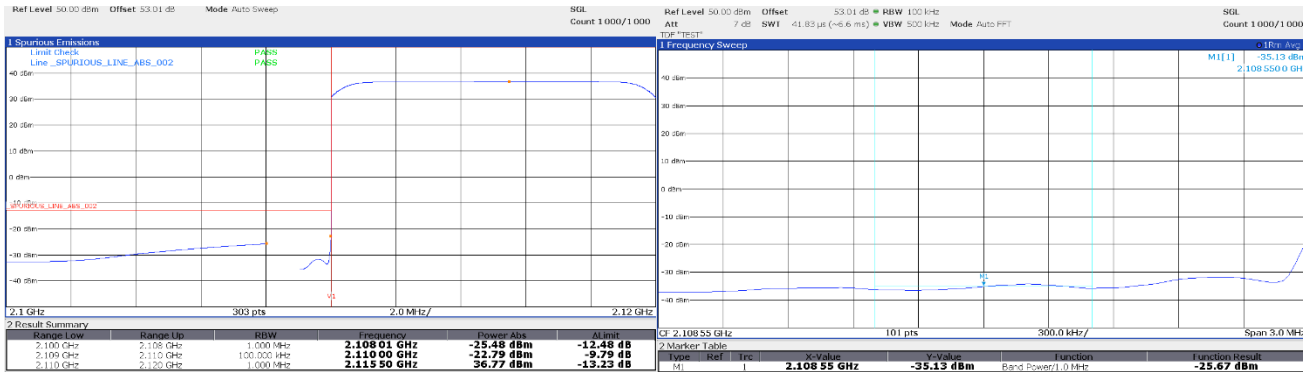
Testing data
 FCC 27.53(g), (h) Emission limits
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Band Edge. TX:2190MHz, BW: 20MHz, MOD: 16QAM



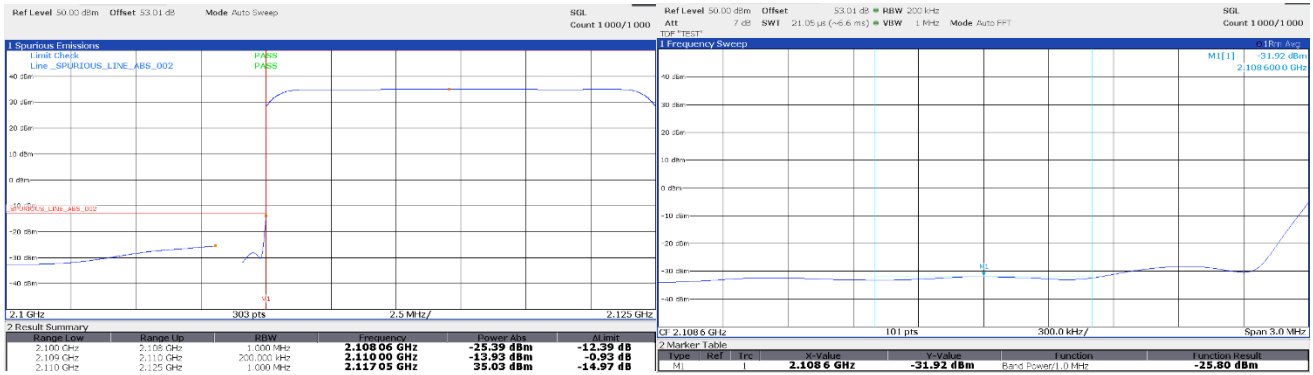
Band Edge. TX:2112.5MHz, BW: 5MHz, MOD: 64QAM



Band Edge. TX:2115MHz, BW: 10MHz, MOD: 64QAM

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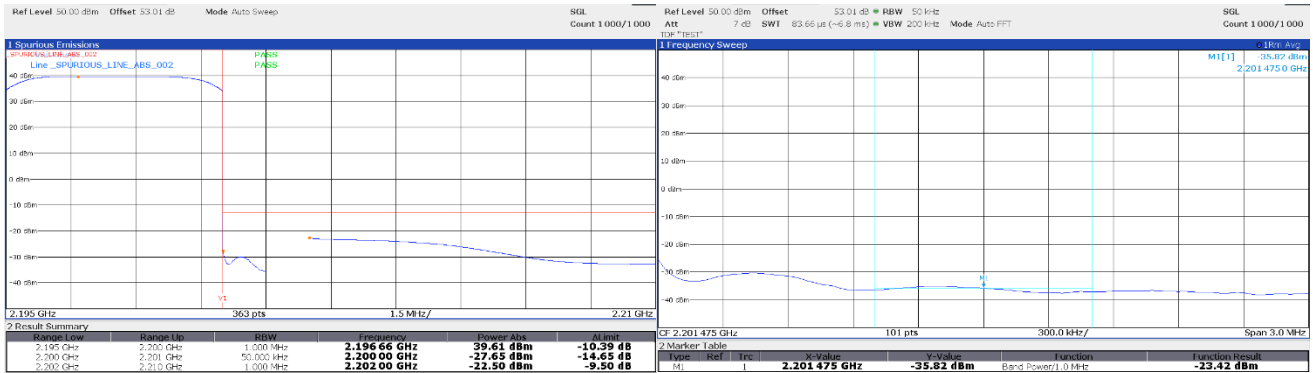
Testing data
 FCC 27.53(g), (h) Emission limits
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Band Edge. TX:2117.5MHz, BW: 15MHz, MOD: 64QAM



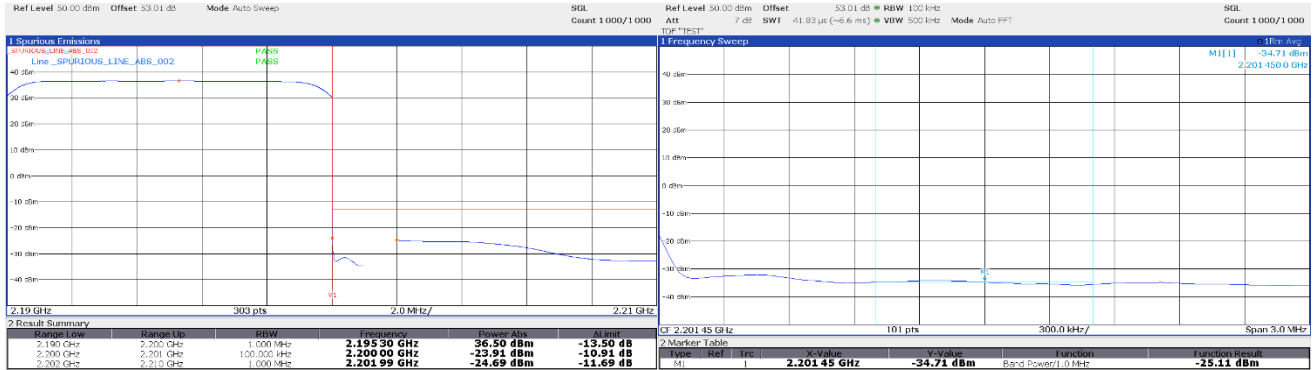
Band Edge. TX:2120MHz, BW: 20MHz, MOD: 64QAM



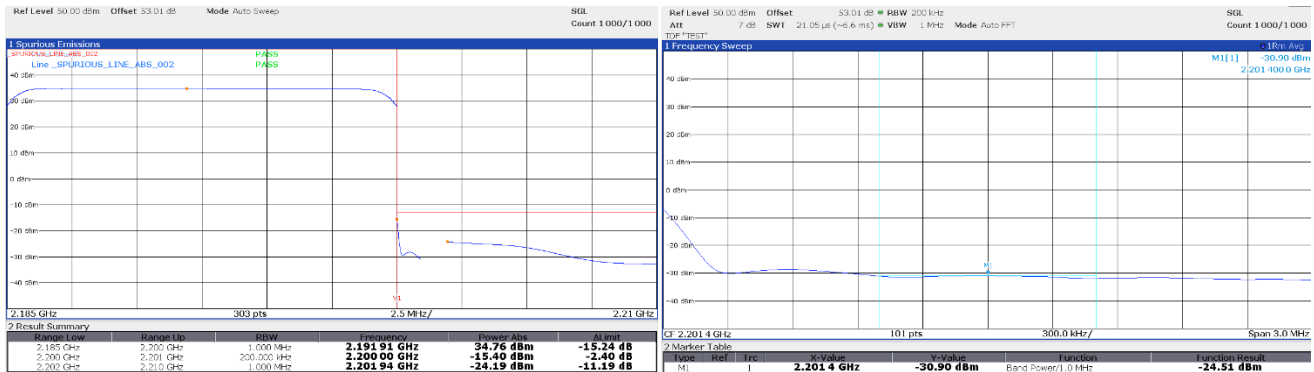
Band Edge. TX:2197.5MHz, BW: 5MHz, MOD: 64QAM

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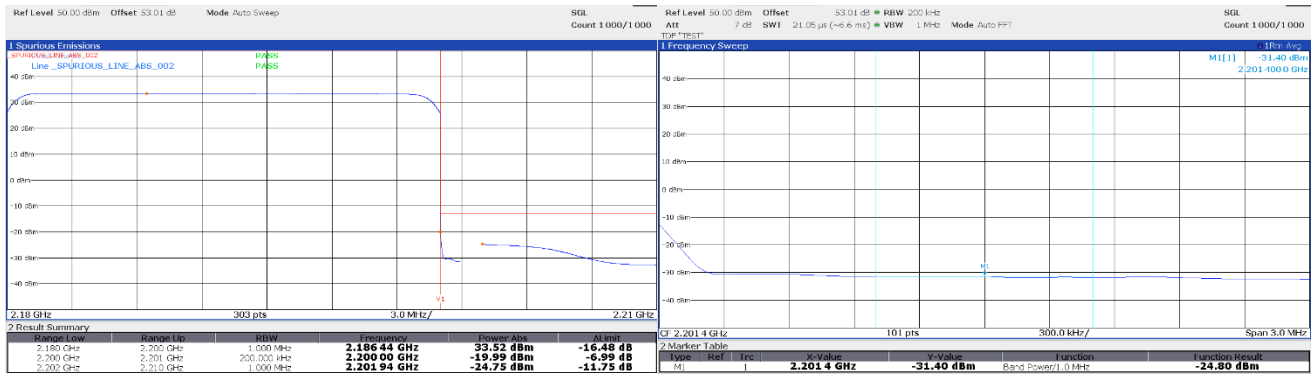
Testing data
 FCC 27.53(g), (h) Emission limits
 FCC Part 27



Band Edge. TX:2195MHz, BW: 10MHz, MOD: 64QAM



Band Edge. TX:2192.5MHz, BW: 15MHz, MOD: 64QAM



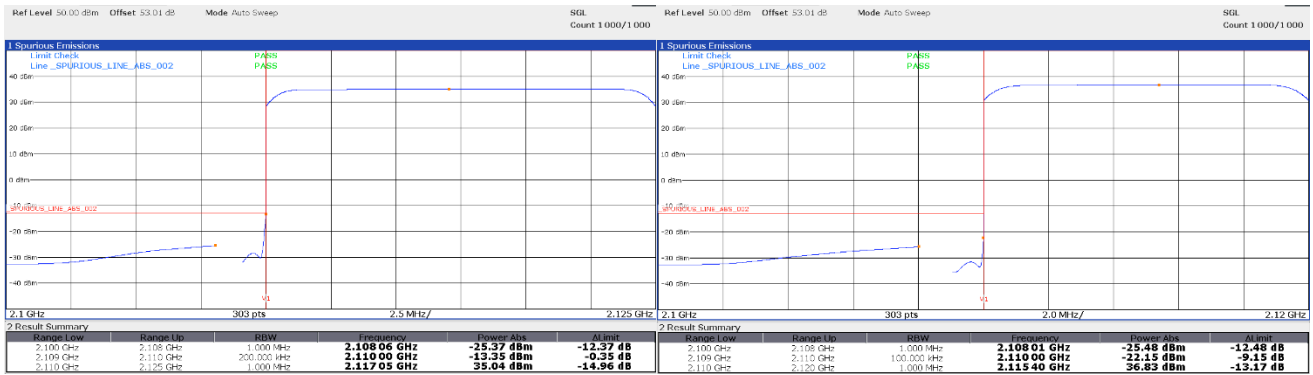
Band Edge. TX:2190MHz, BW: 20MHz, MOD: 64QAM

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Test name
Specification

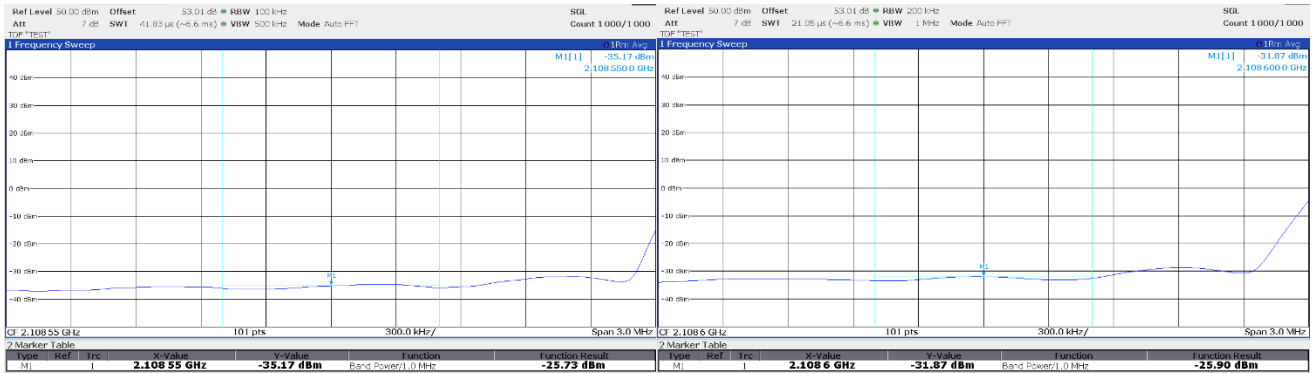
Testing data
 FCC 27.53(g), (h) Emission limits
 FCC Part 27



Band Edge. TX:2112.5MHz, BW: 5MHz, MOD: 256QAM



Band Edge. TX:2115MHz, BW: 10MHz, MOD: 256QAM



Band Edge. TX:2117.5MHz, BW: 15MHz, MOD: 256QAM