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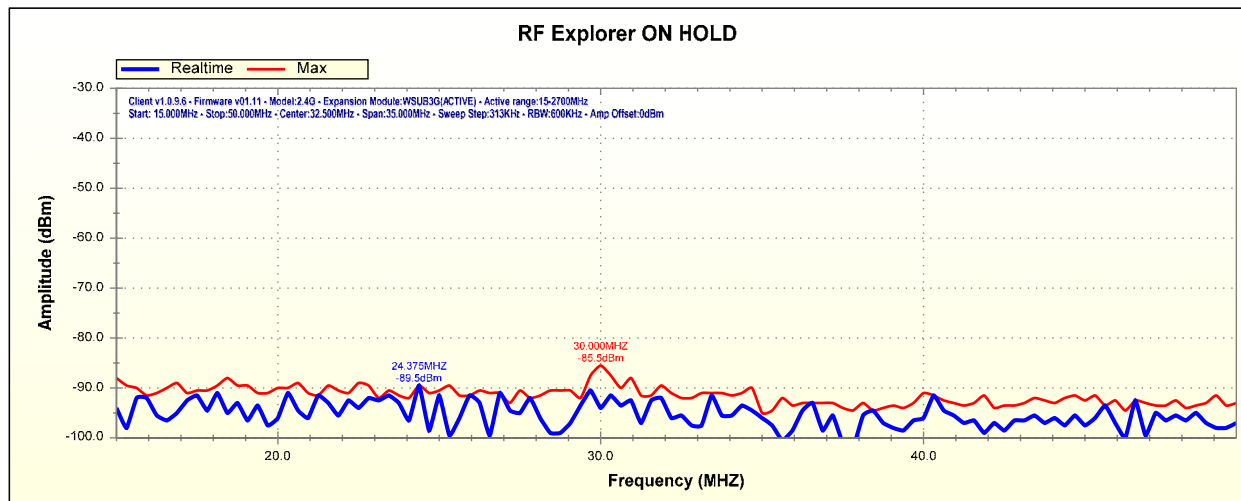


Figure 1 Lathe OFF - base line noise

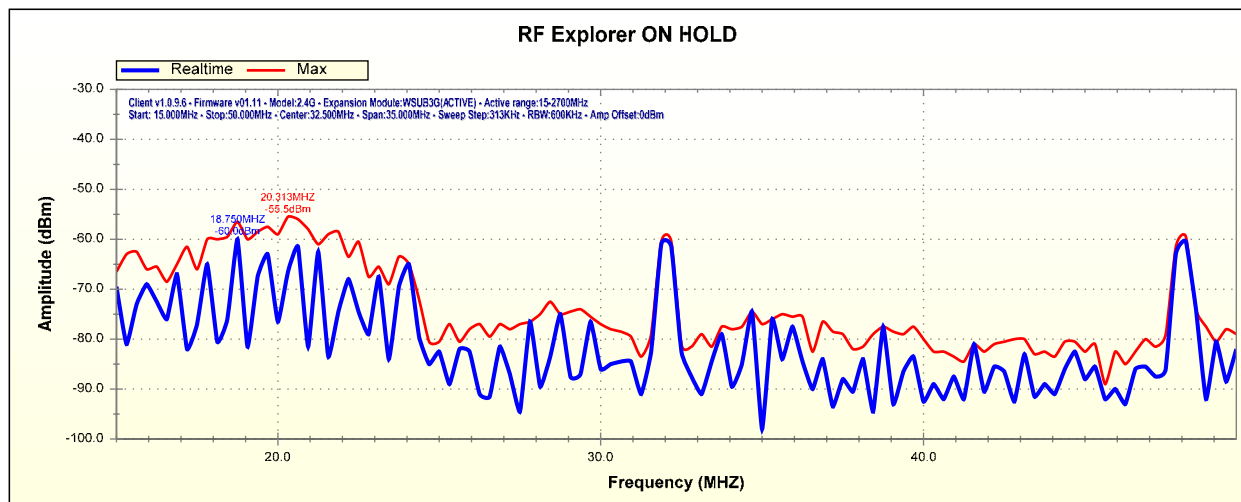


Figure 2 Lathe ON, Zero RPM

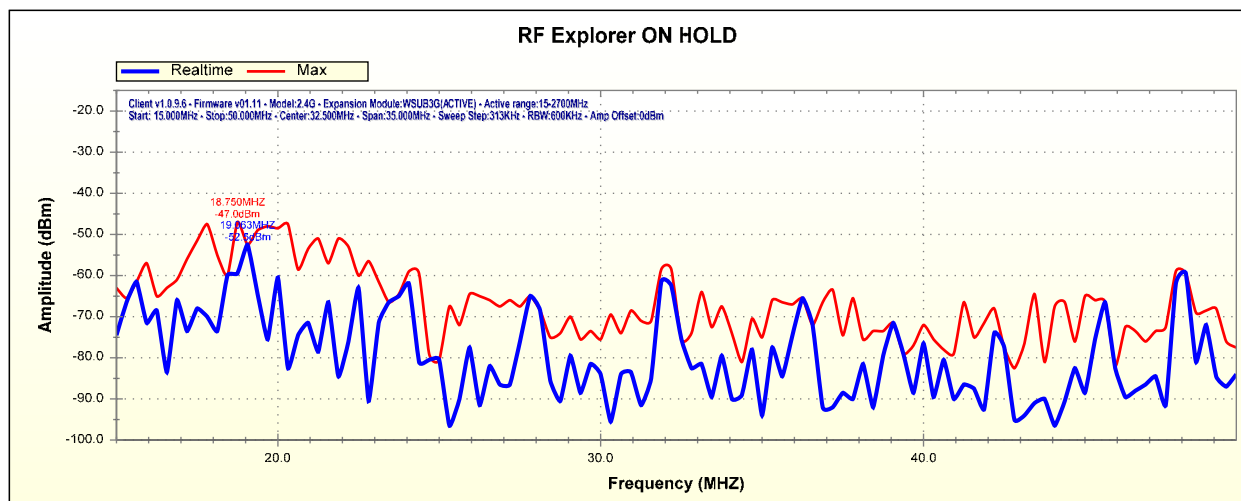


Figure 3 Lathe ON, 140 RPM

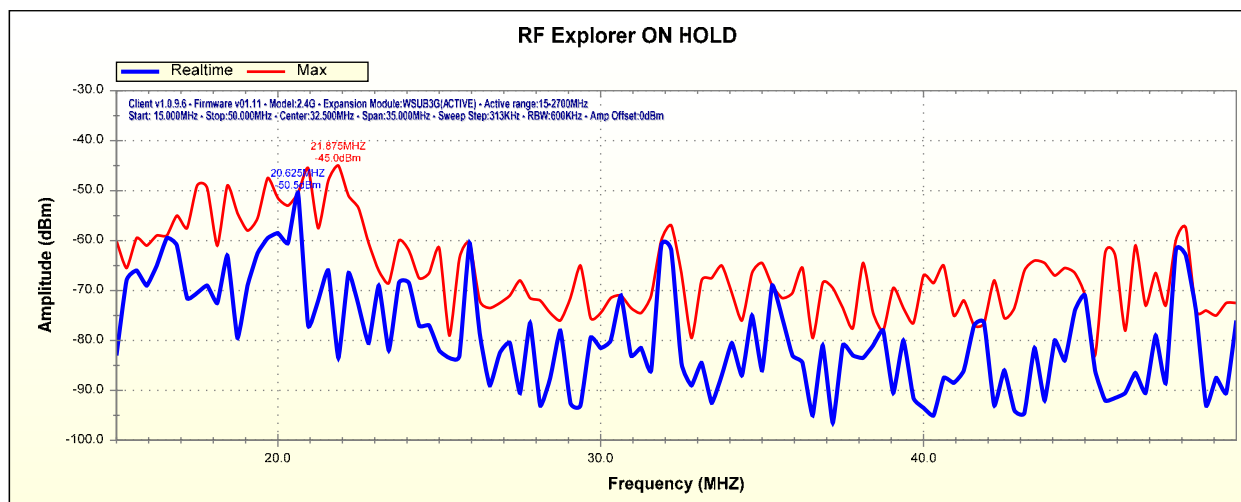


Figure 4 Lathe ON, 680 RPM

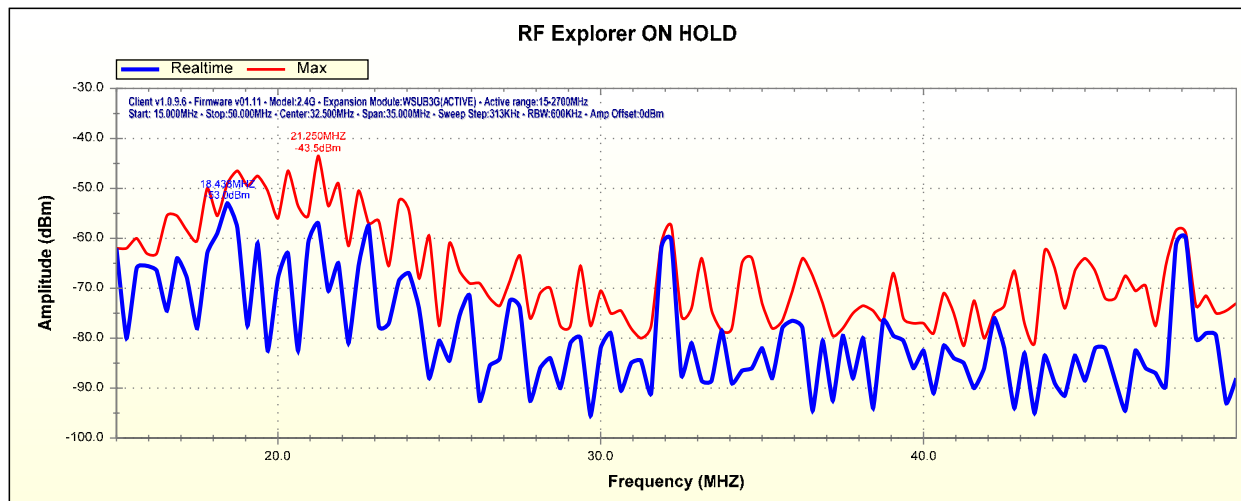


Figure 5 Lathe ON, 1080 RPM

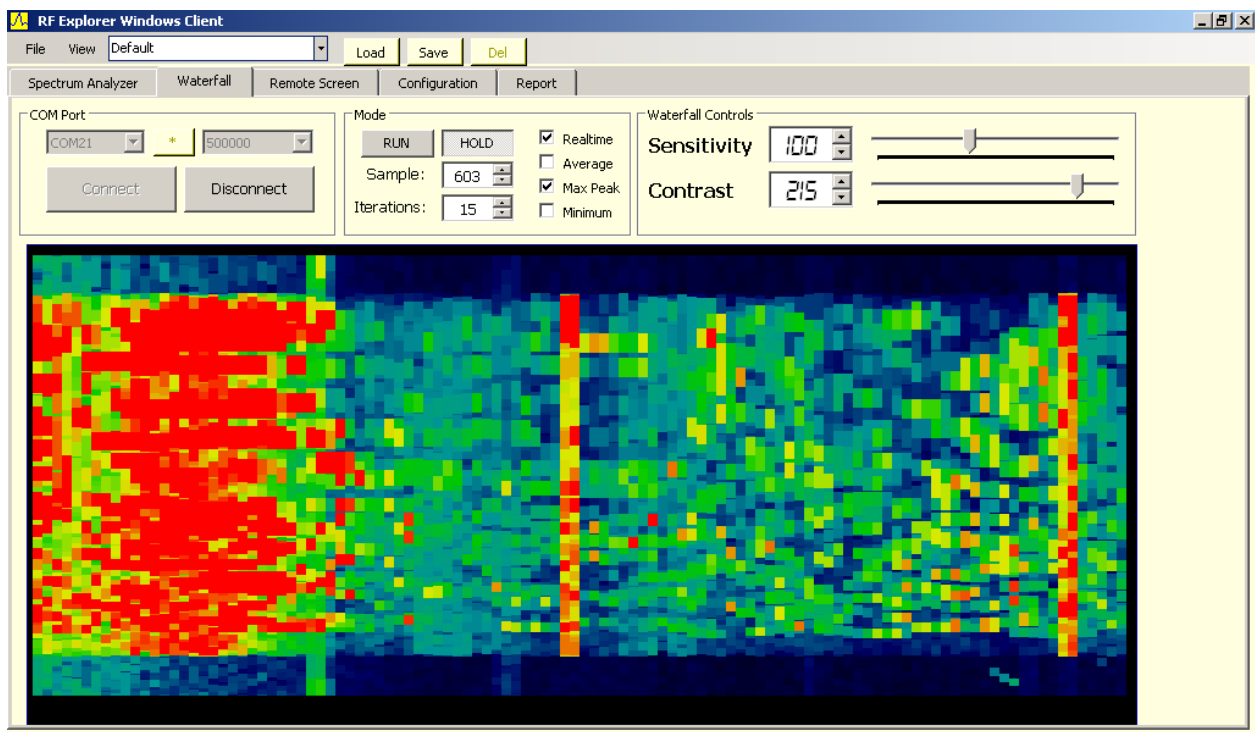
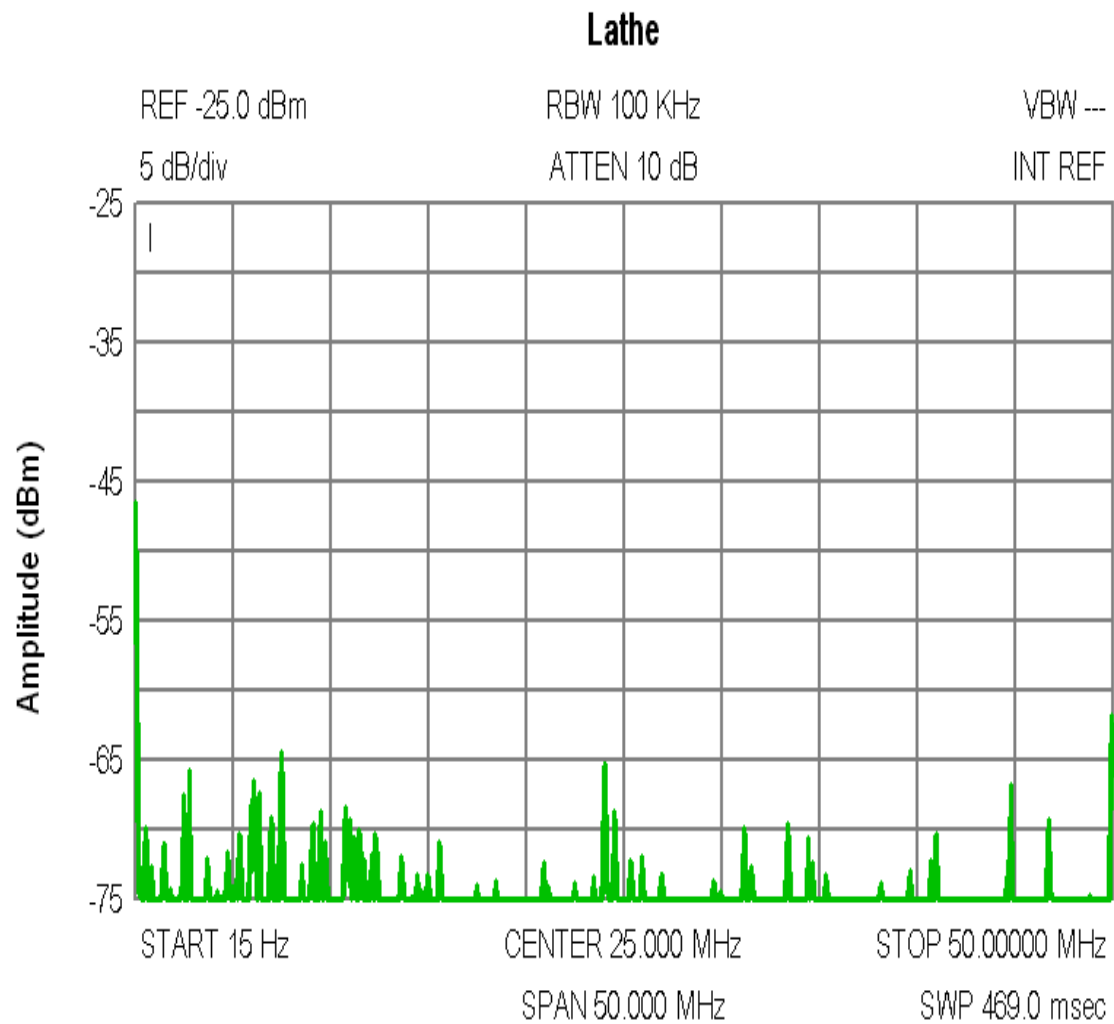
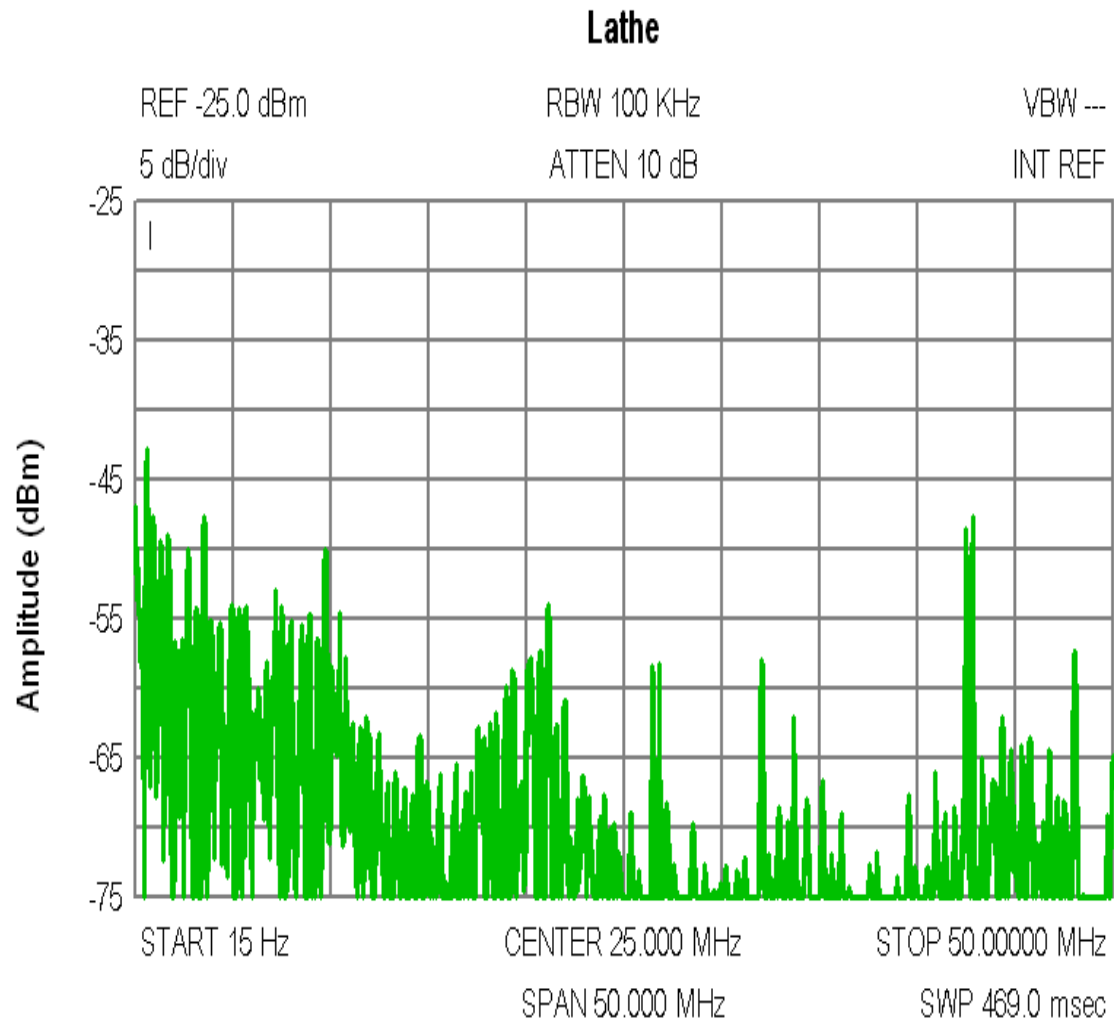


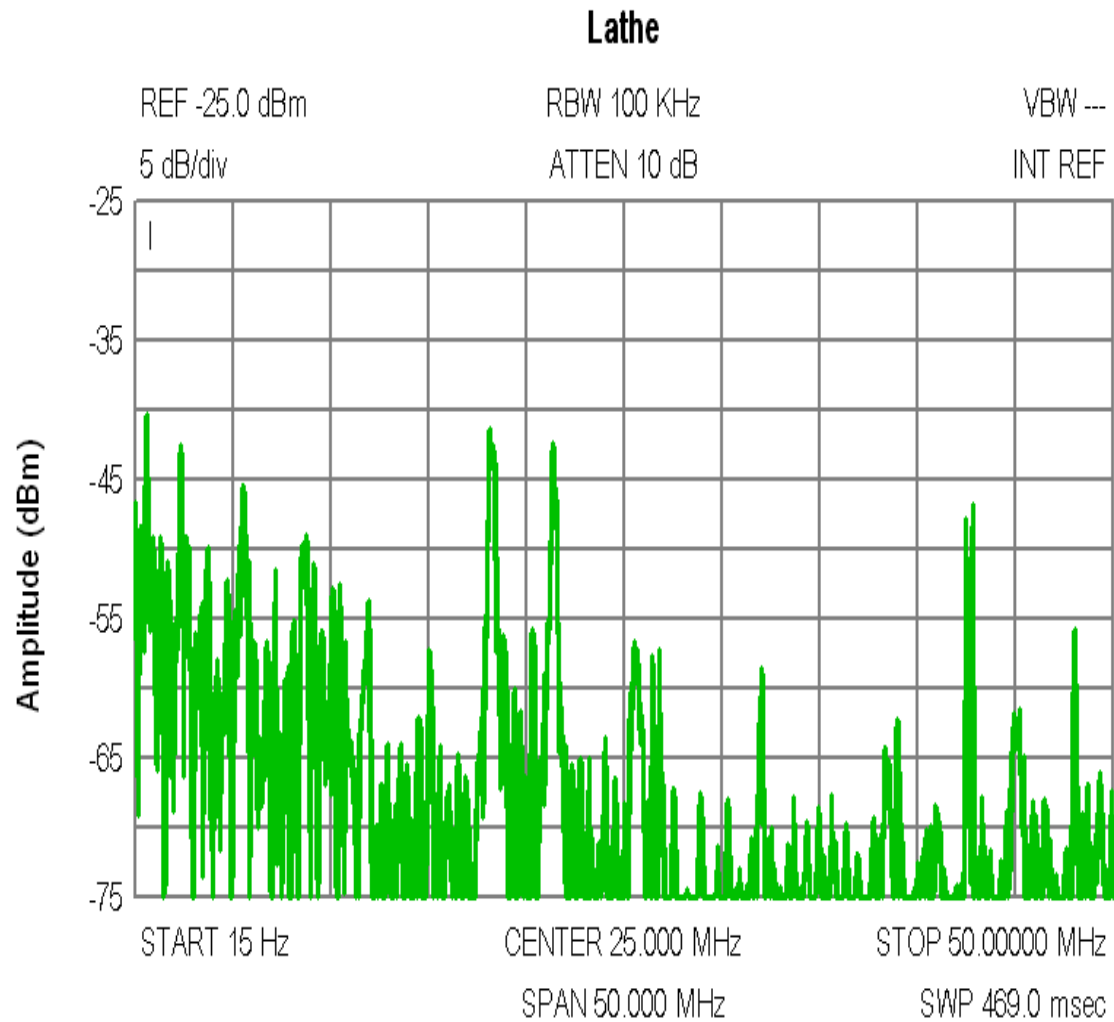
Figure 6 spectral plot - 15MHz- 50MHz - from off to full speed, back to zero RPM and OFF

antbaseline-15hzto50mhz.pdf

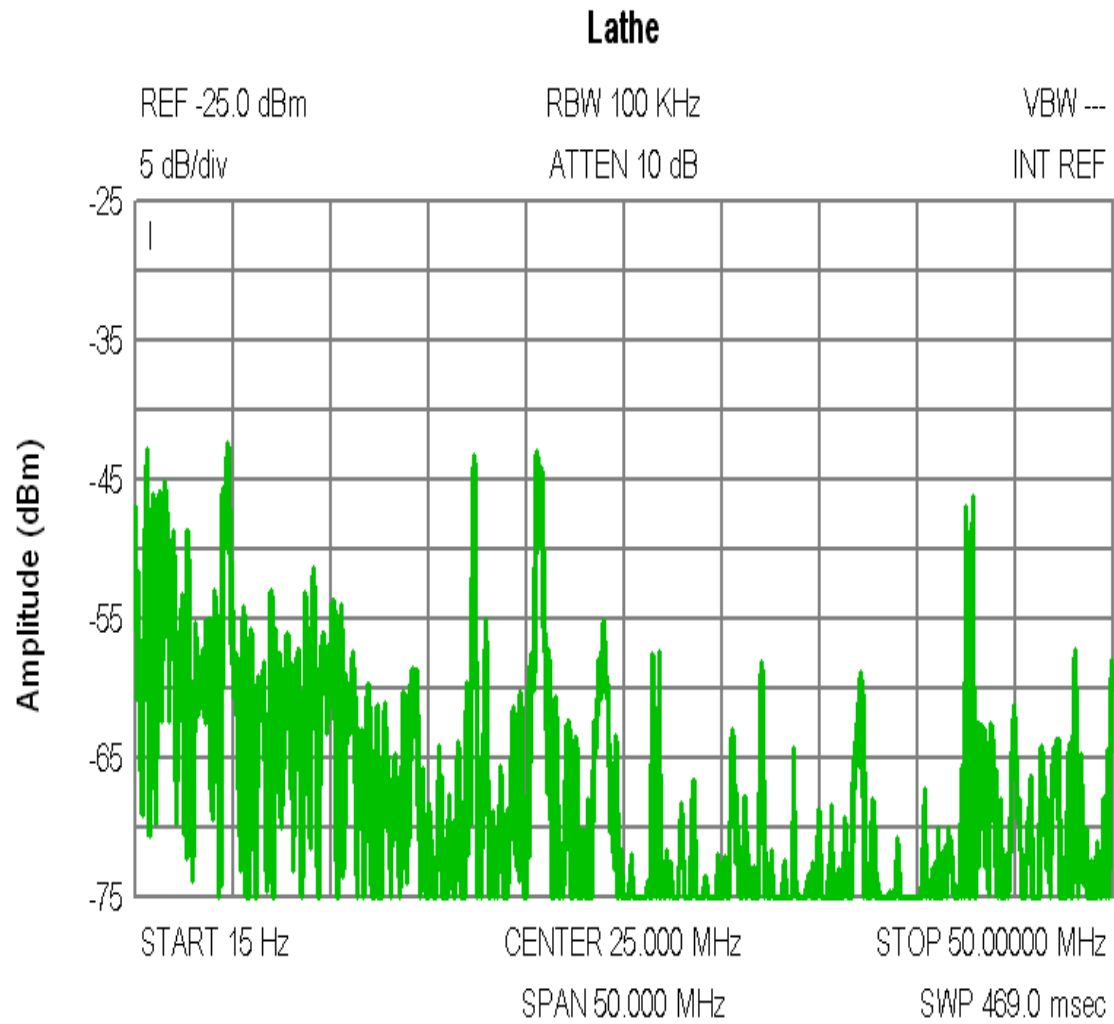




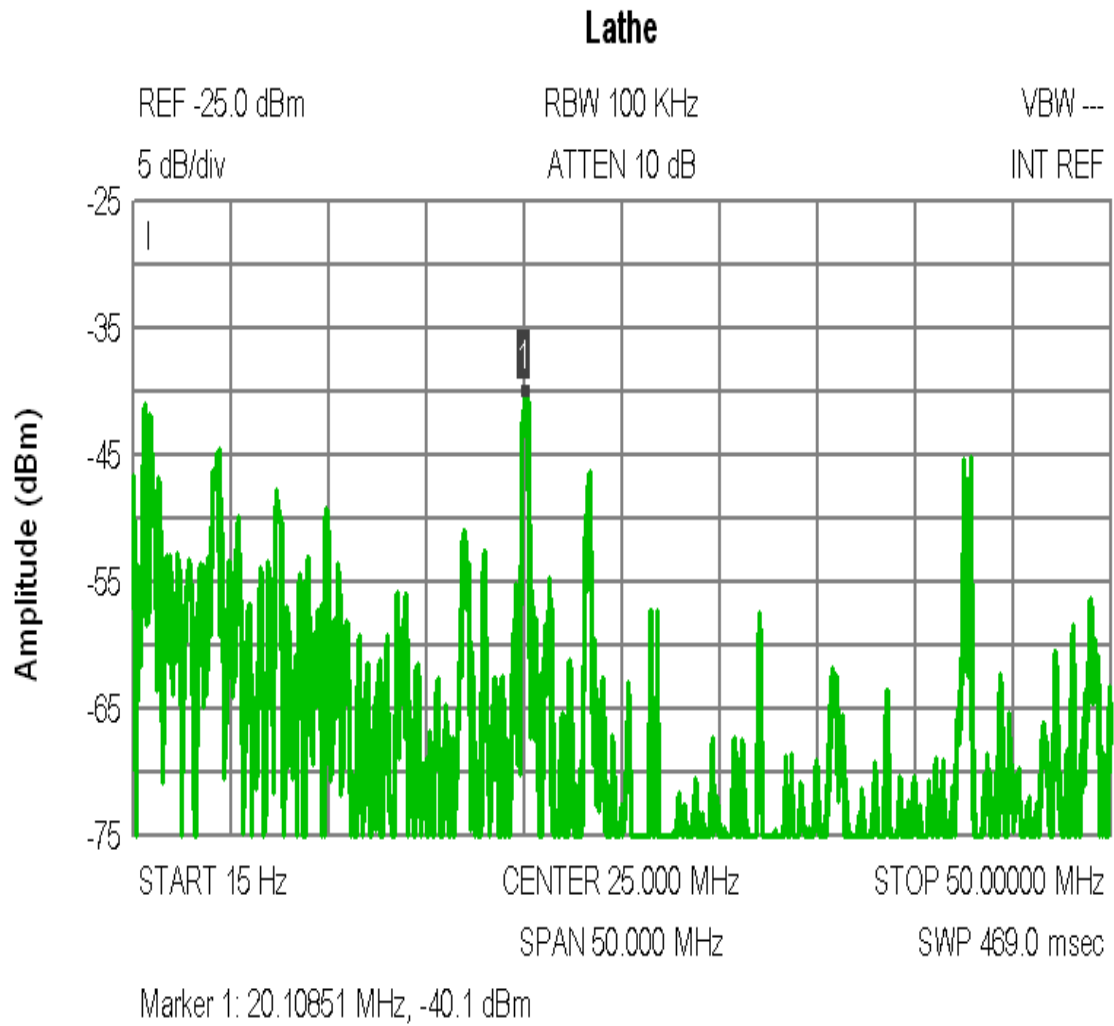
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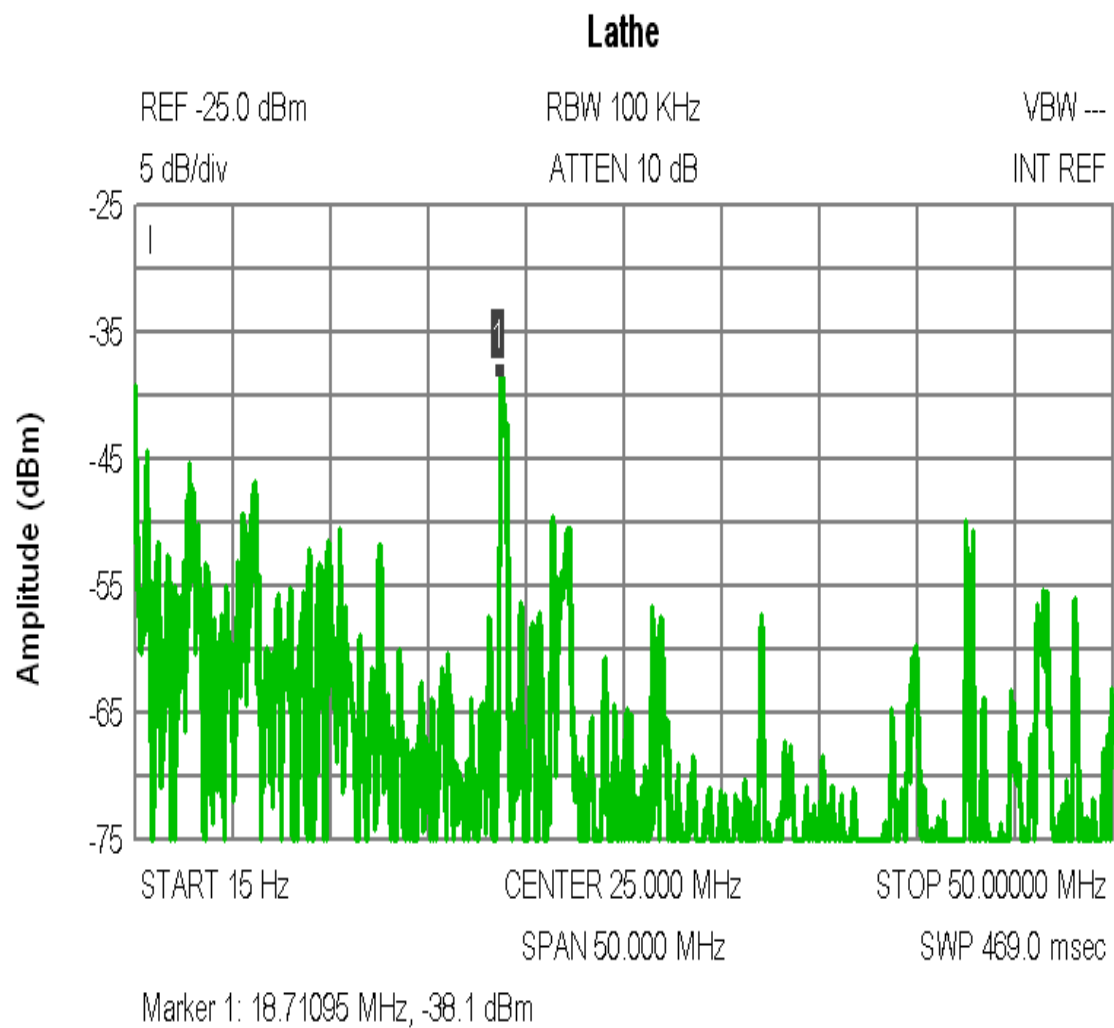
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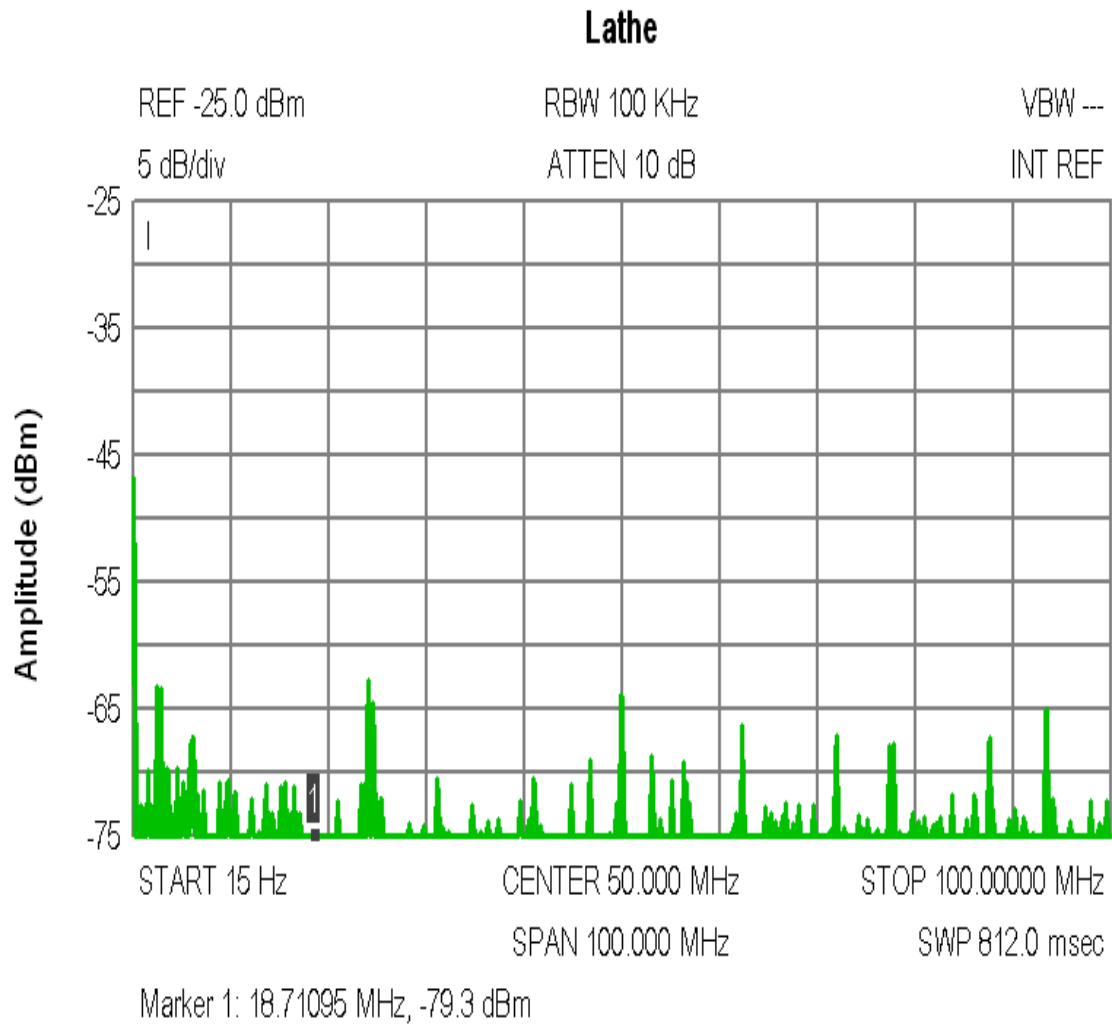


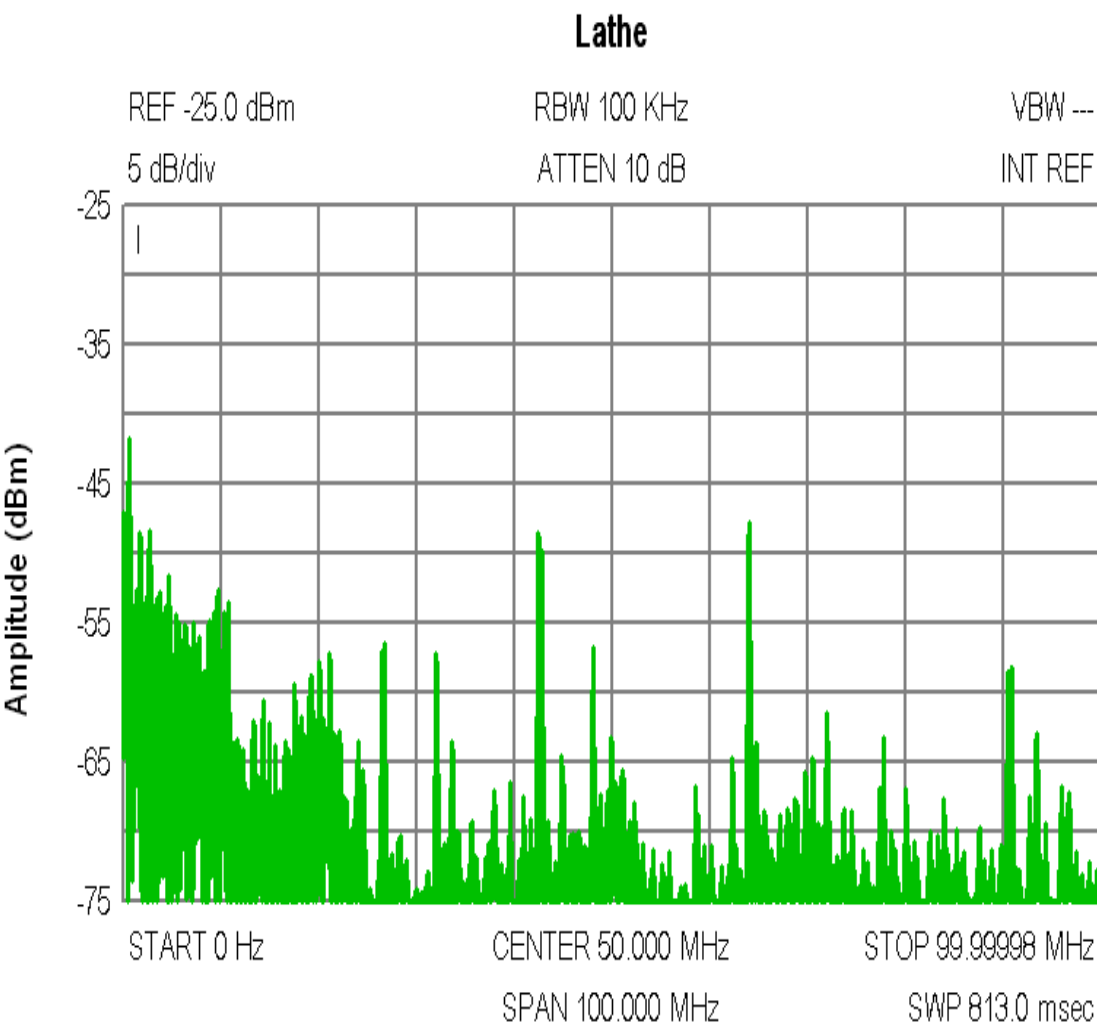


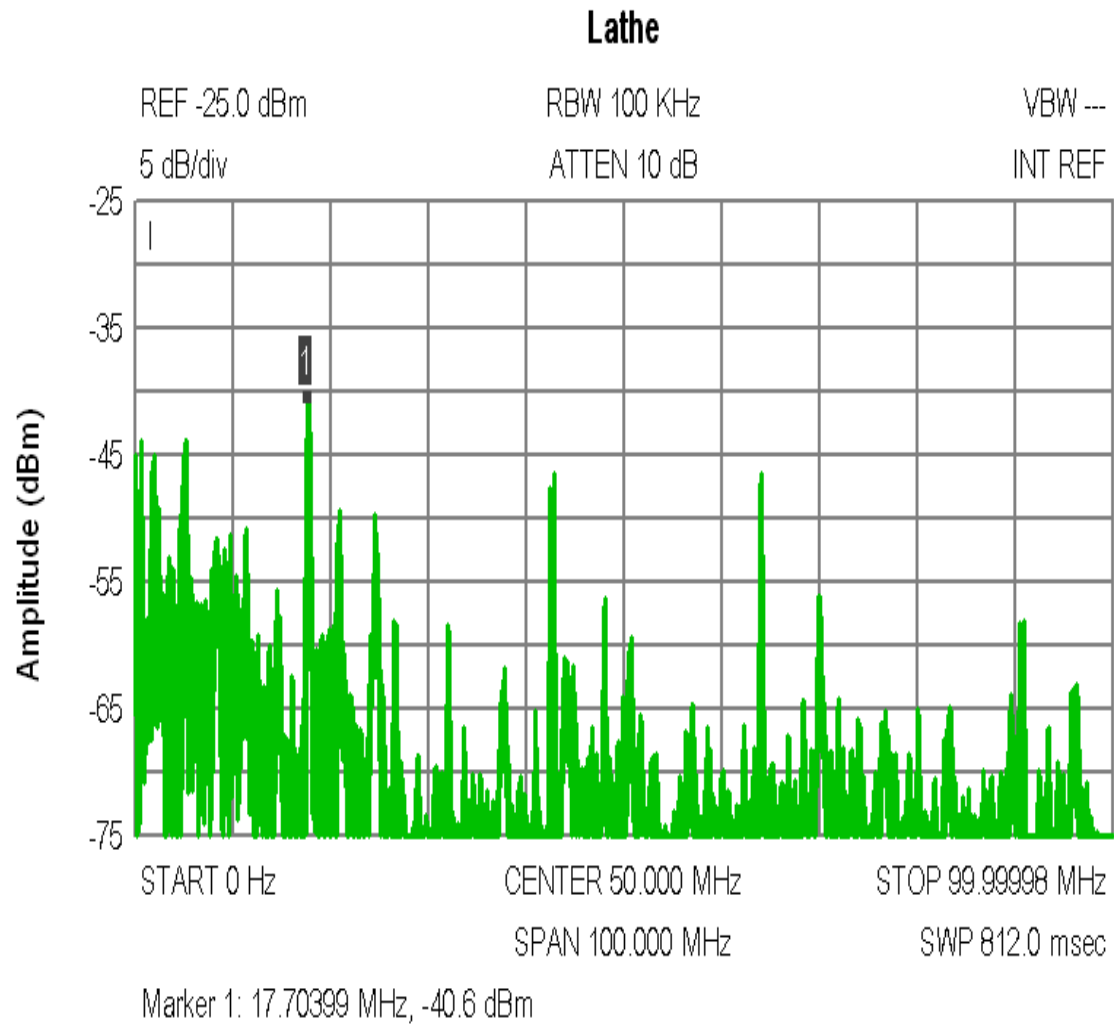
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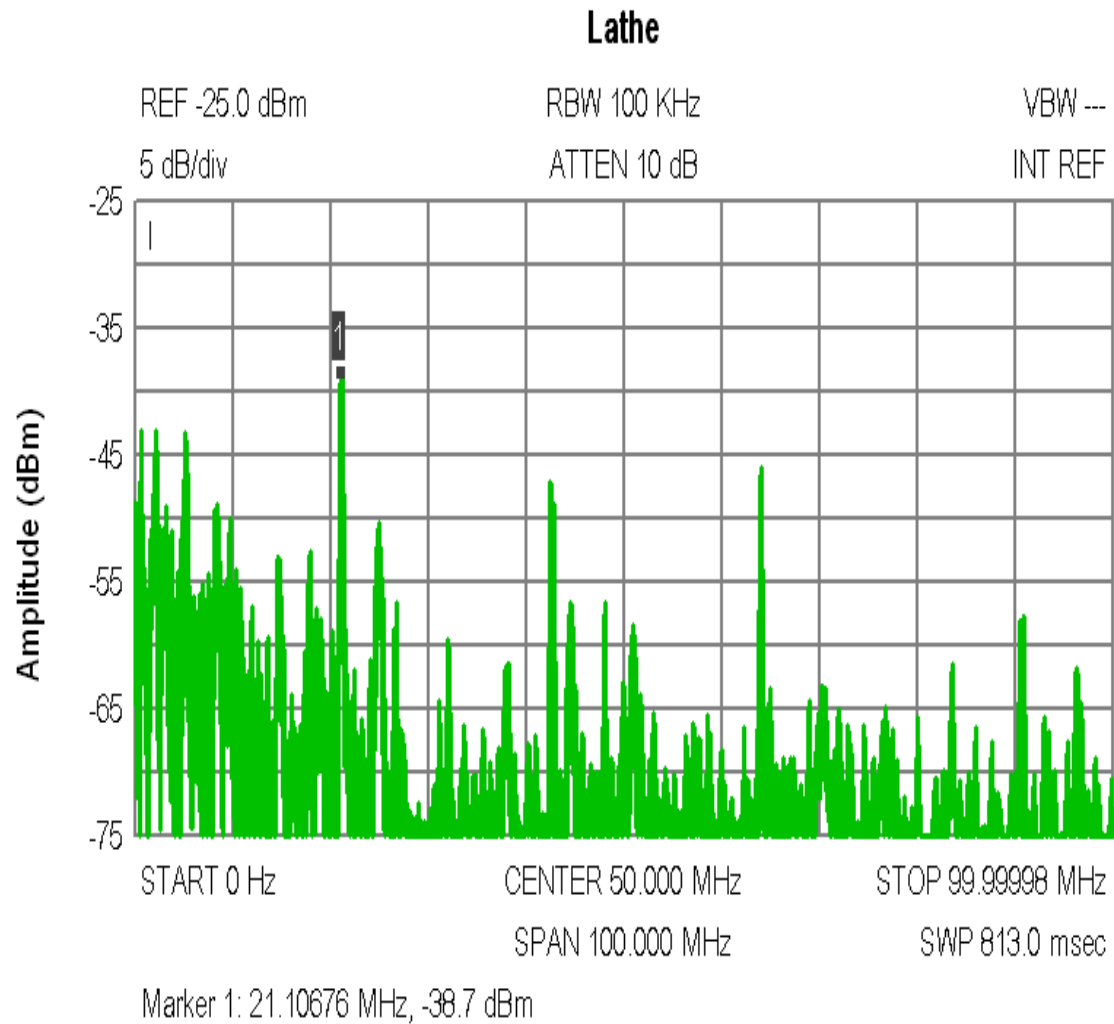


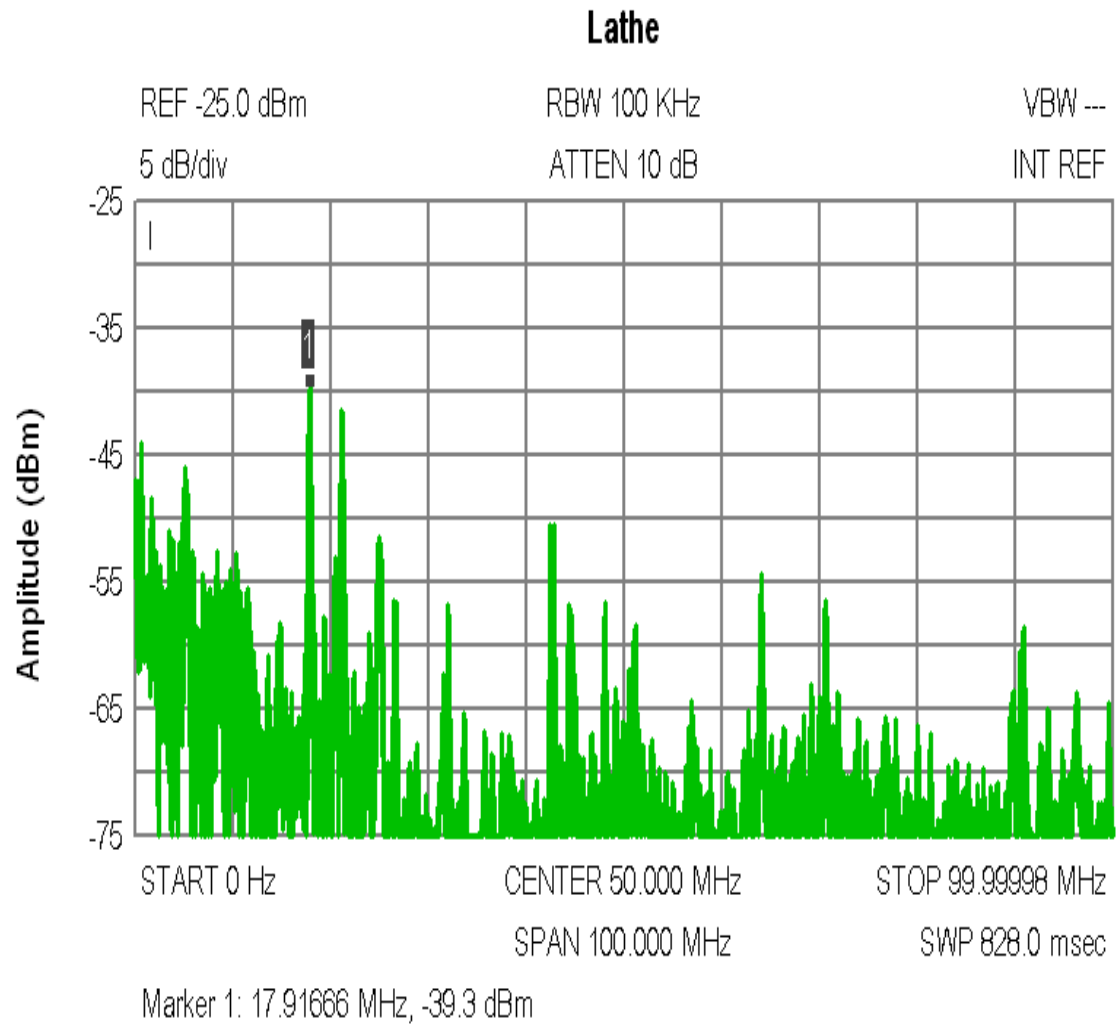
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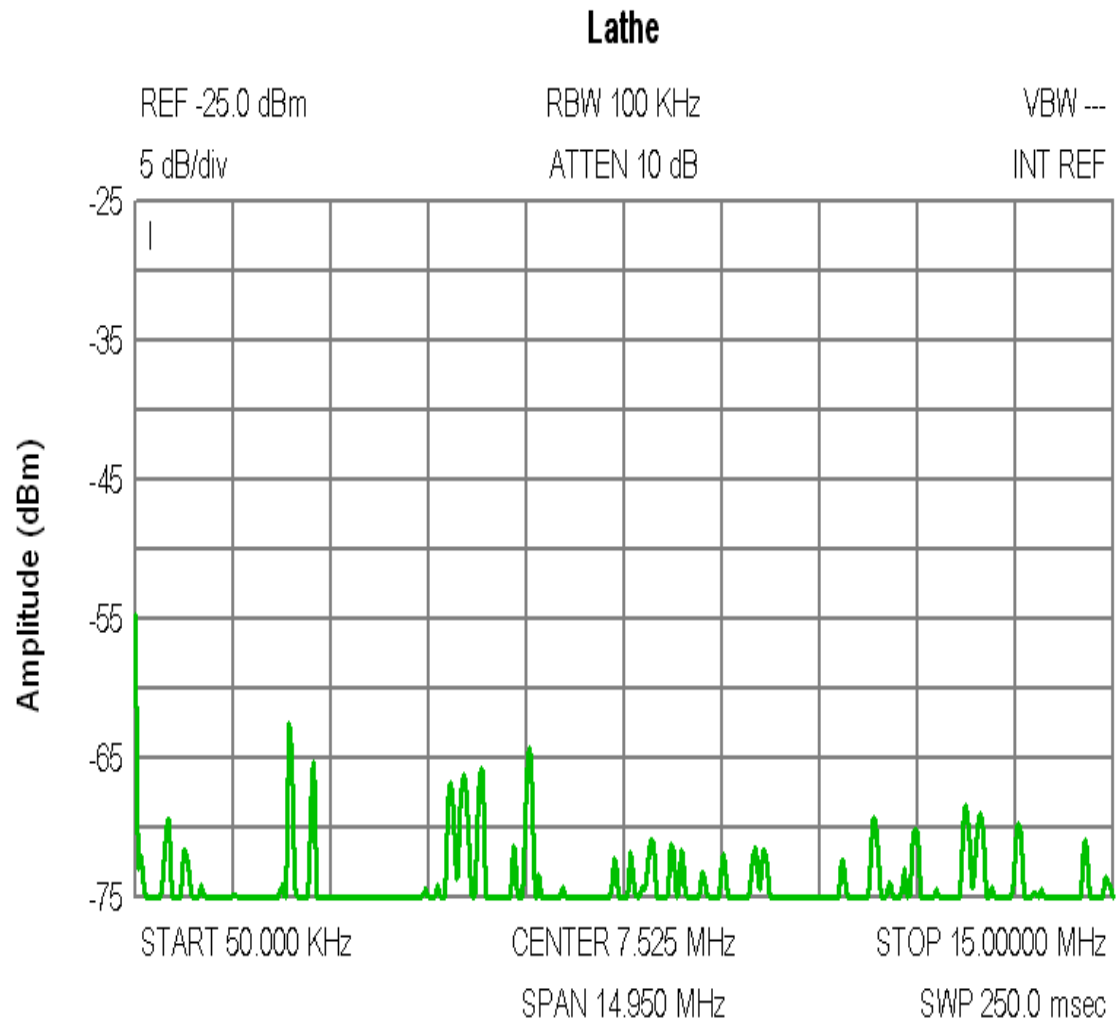






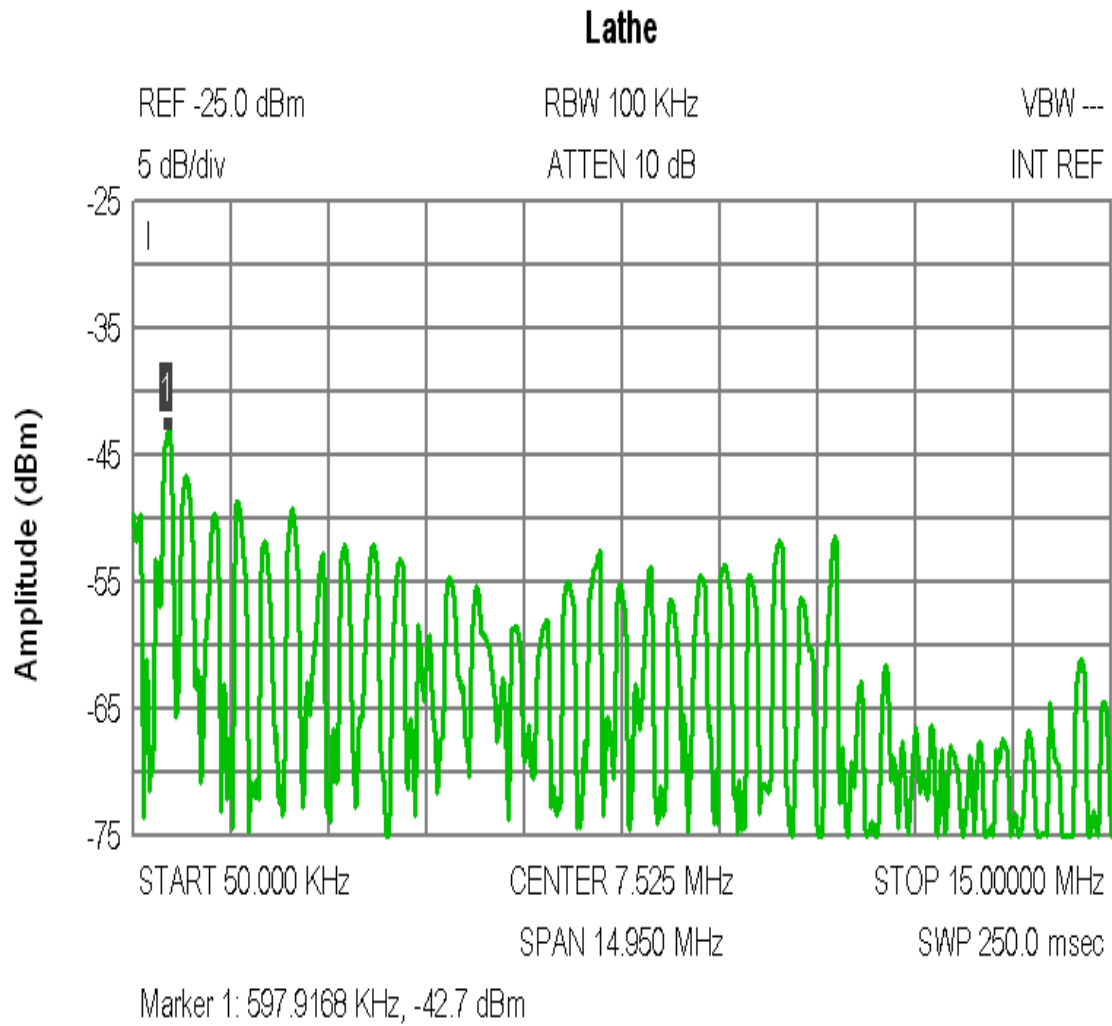


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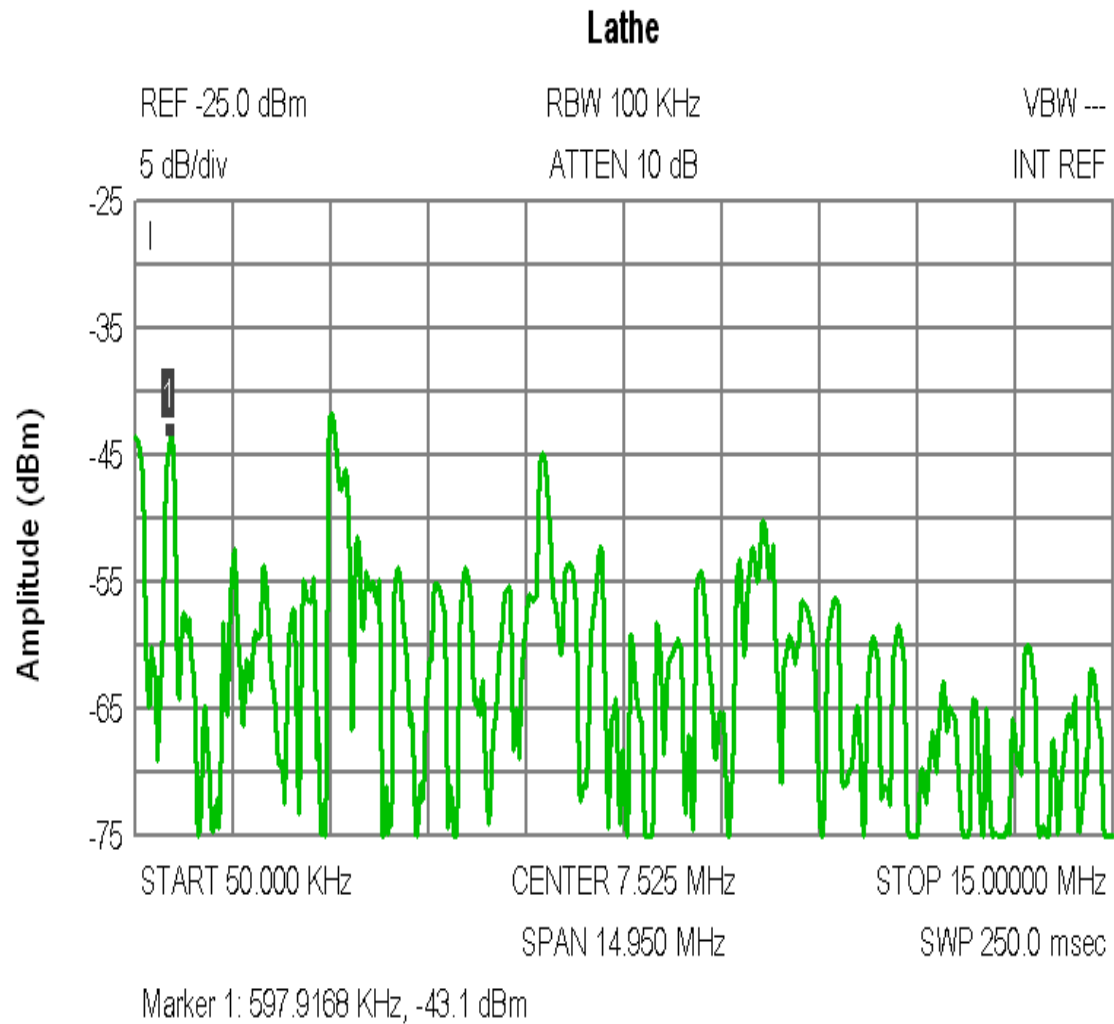




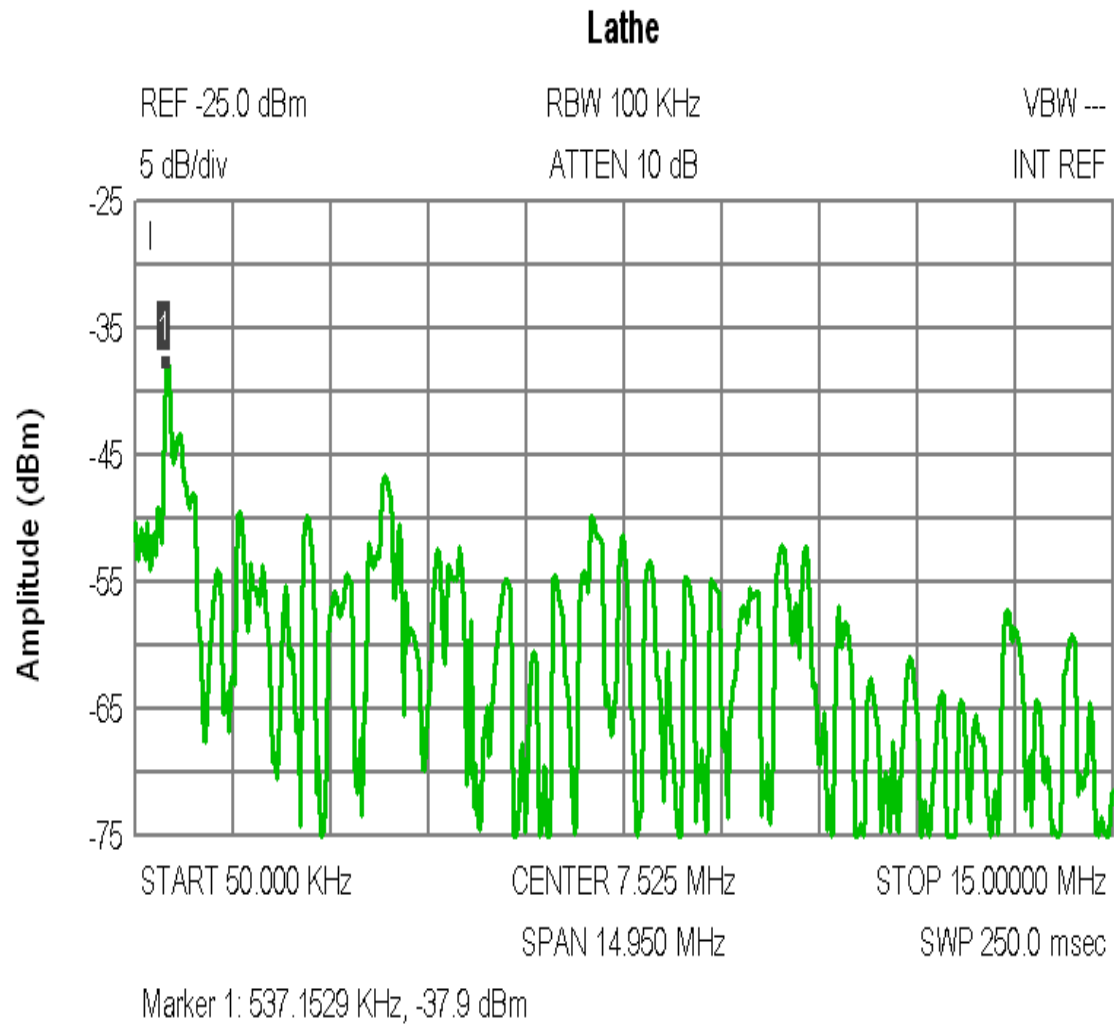
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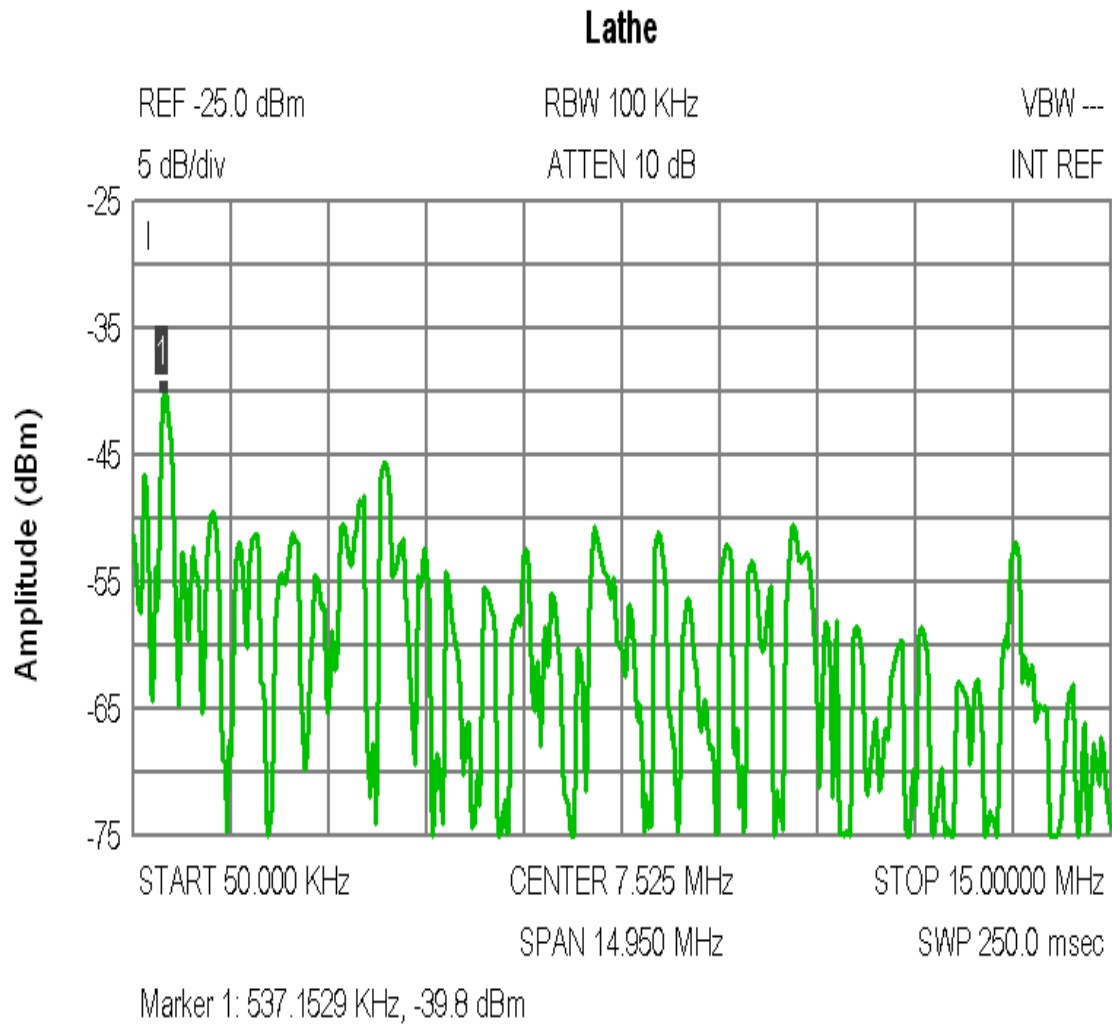


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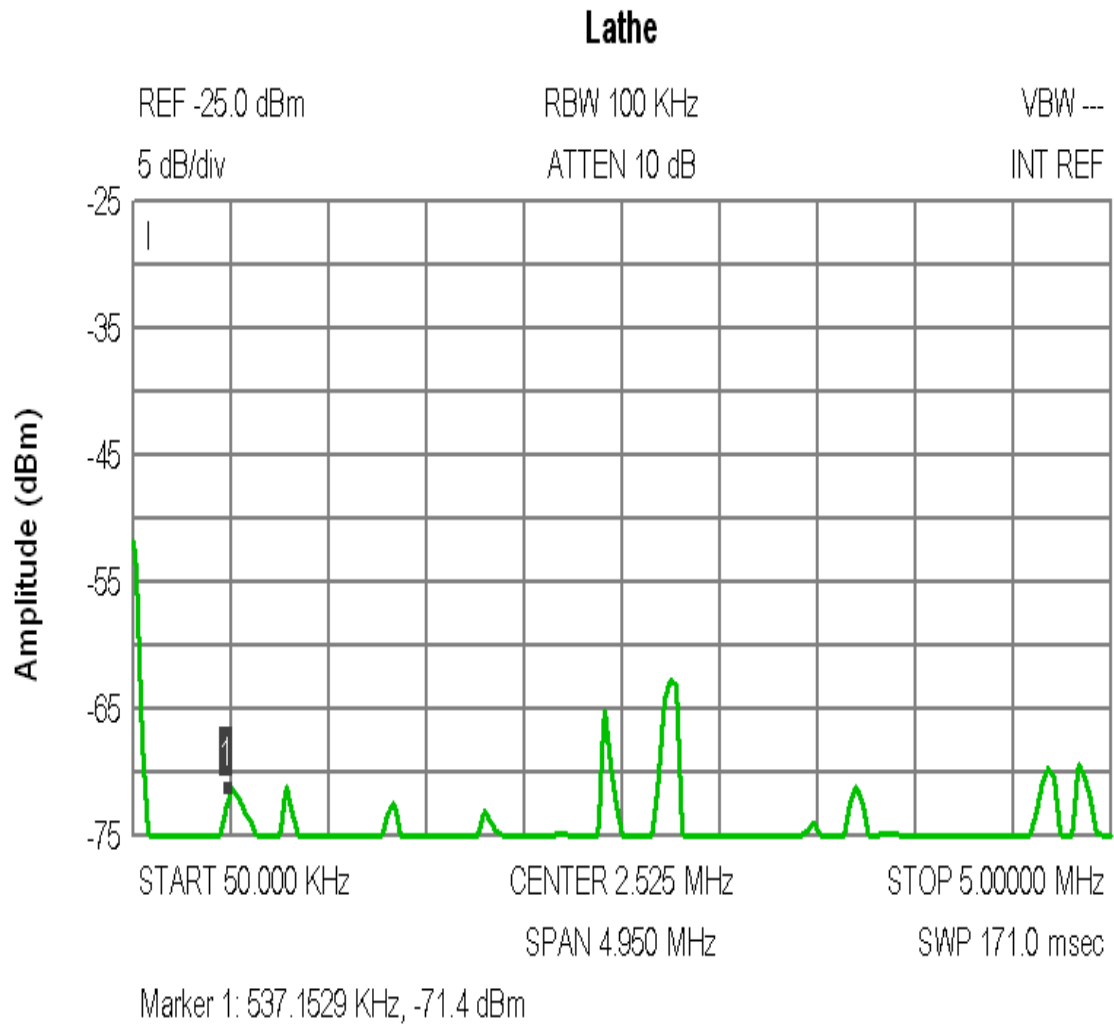


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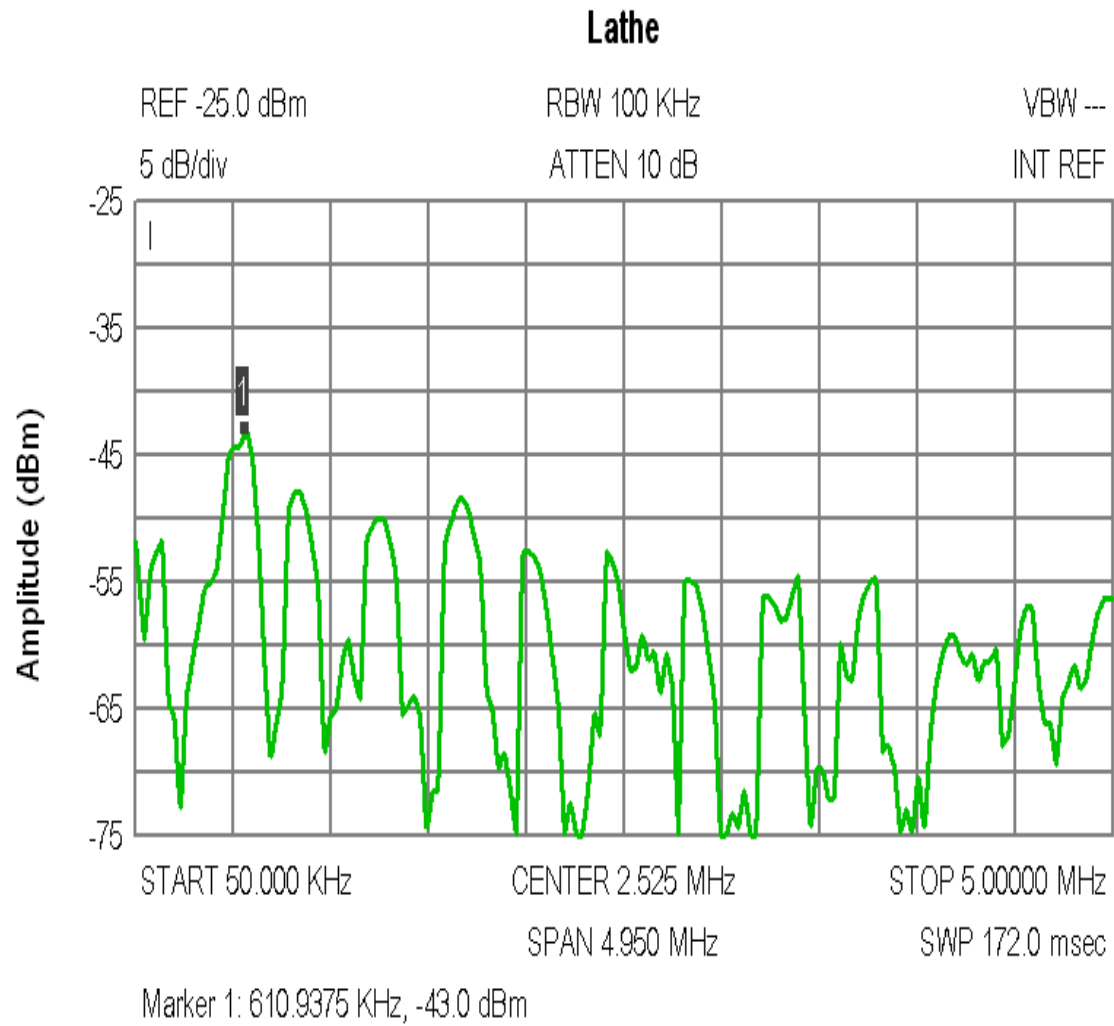




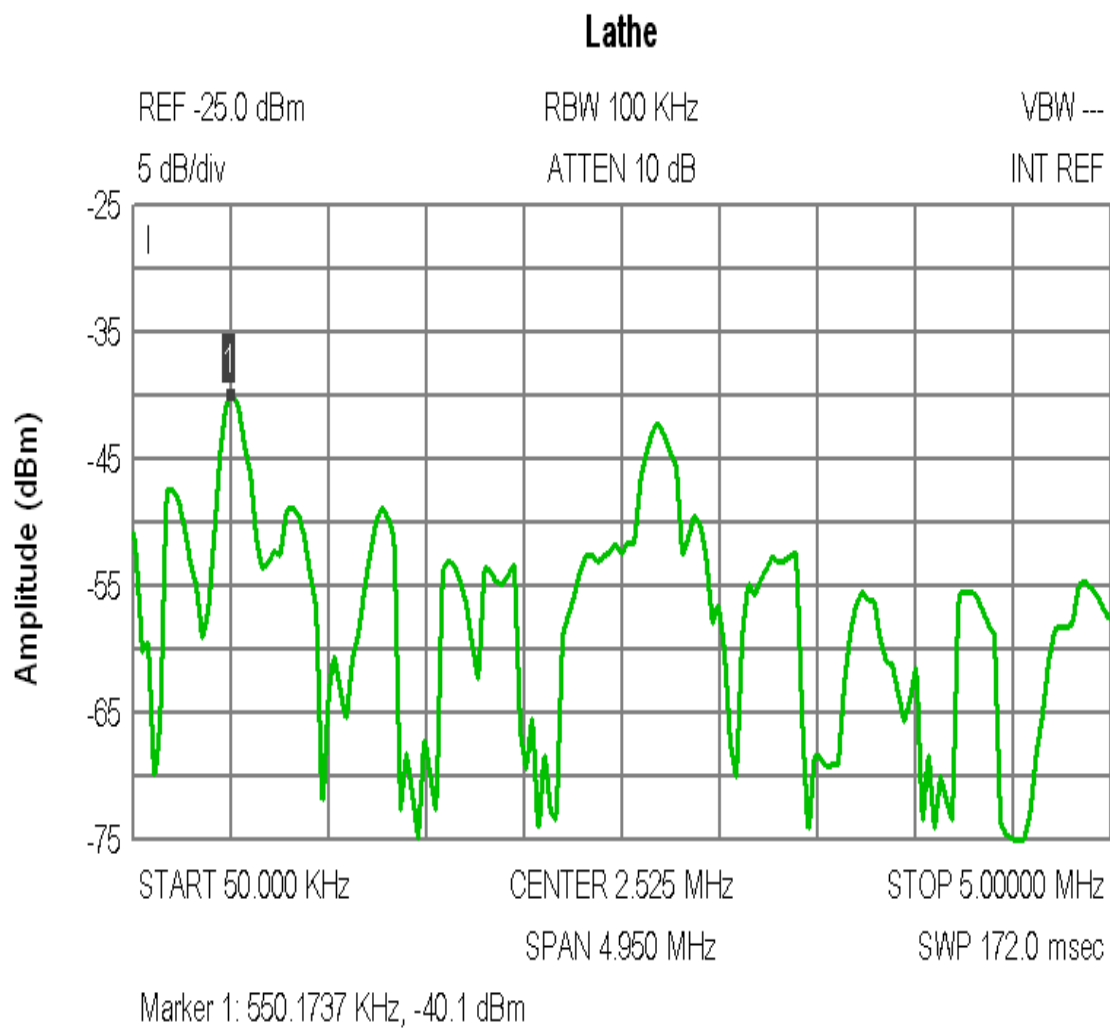
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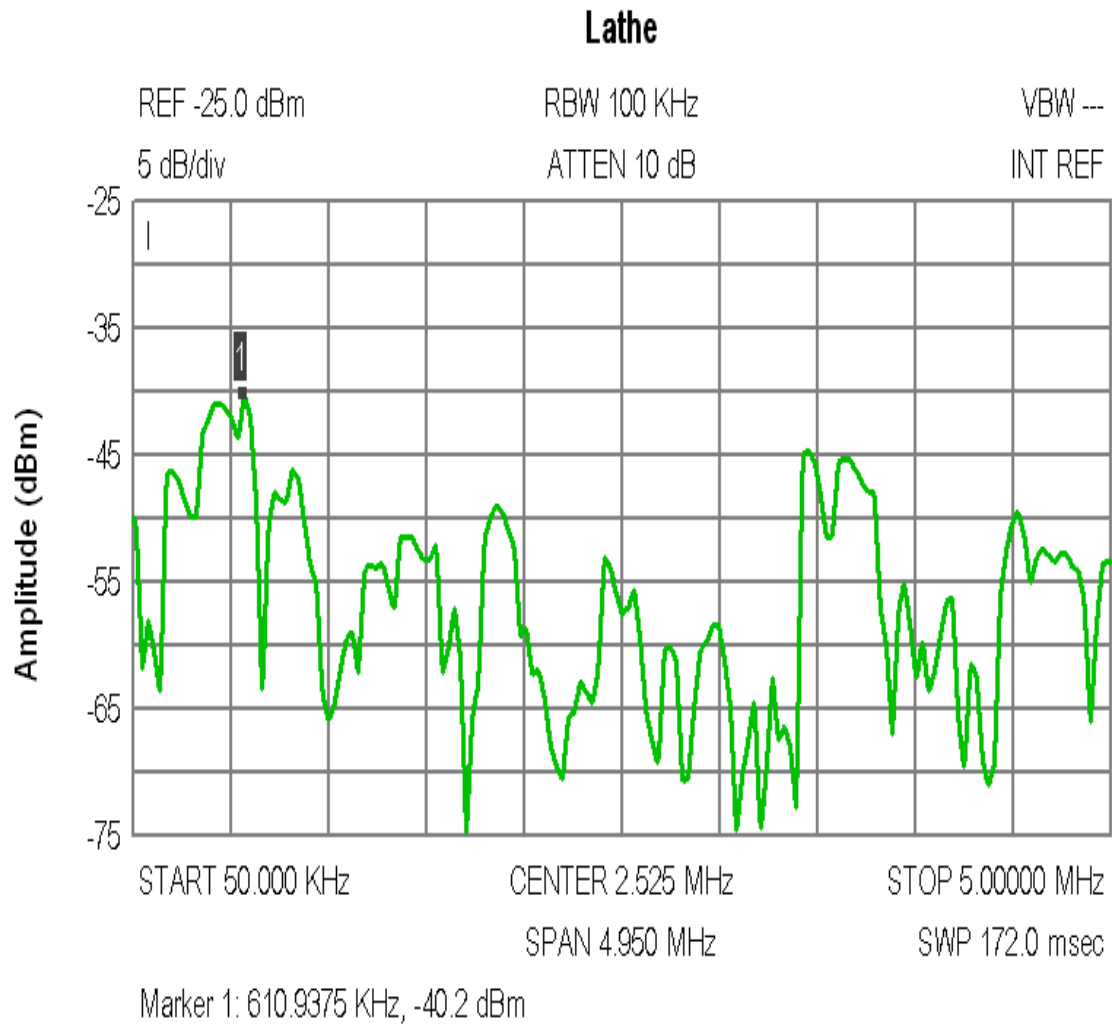
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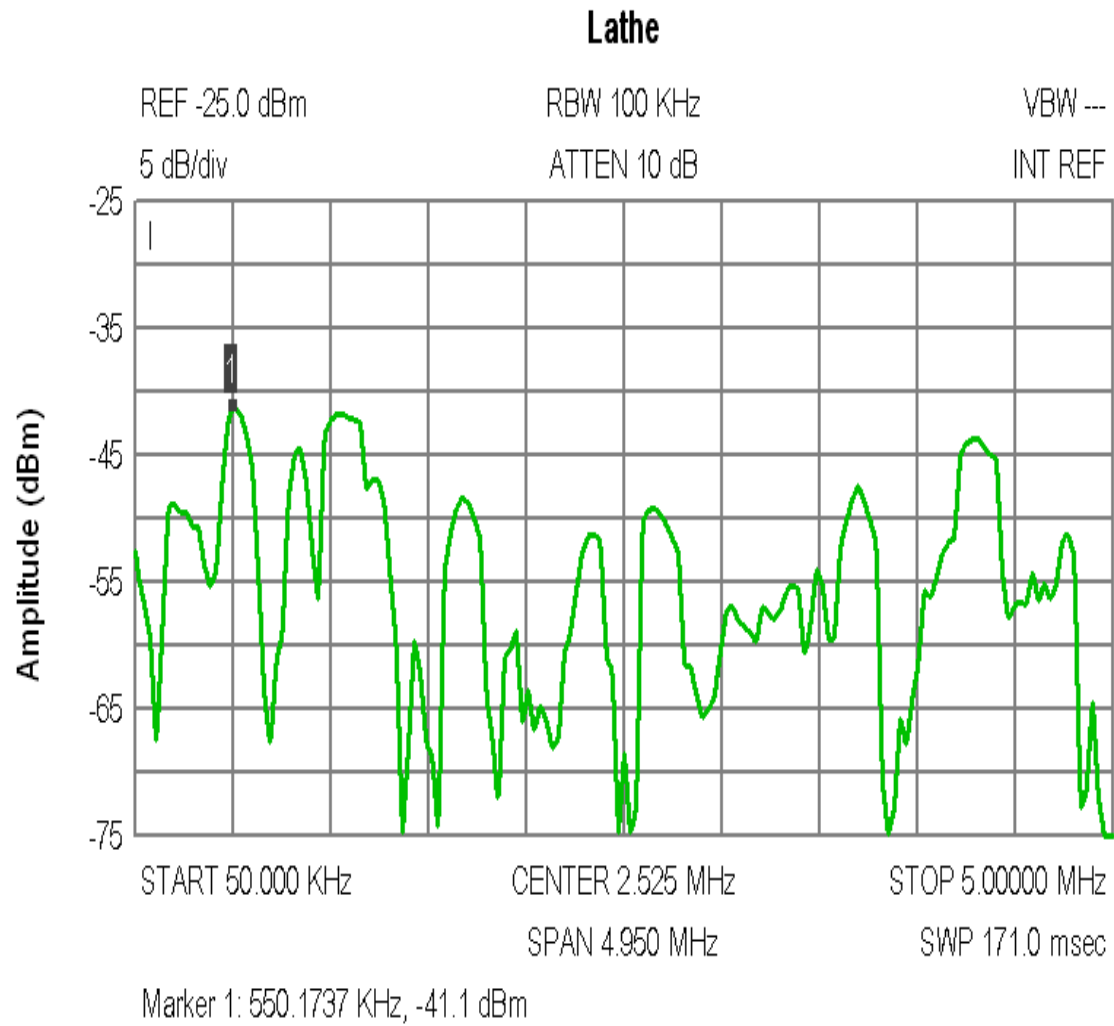


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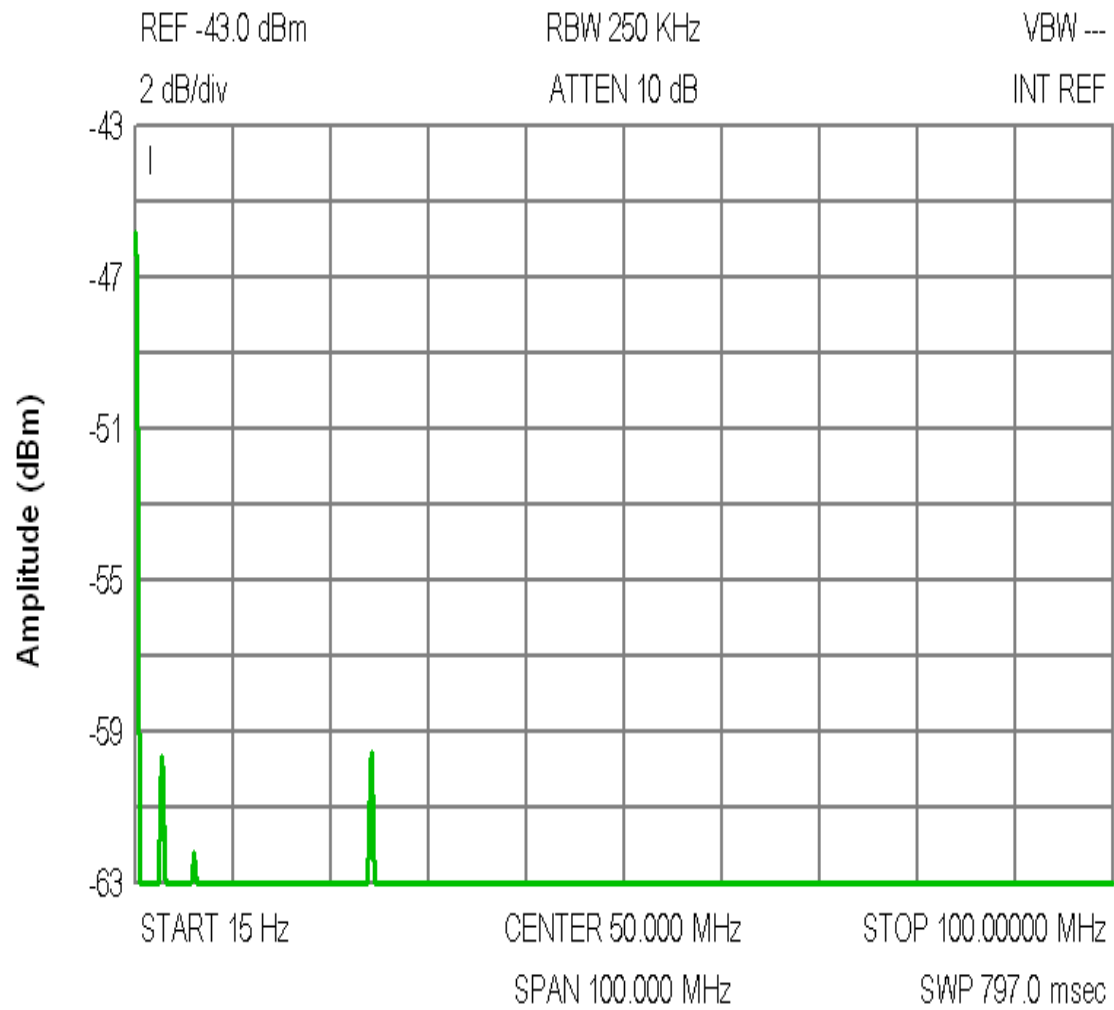




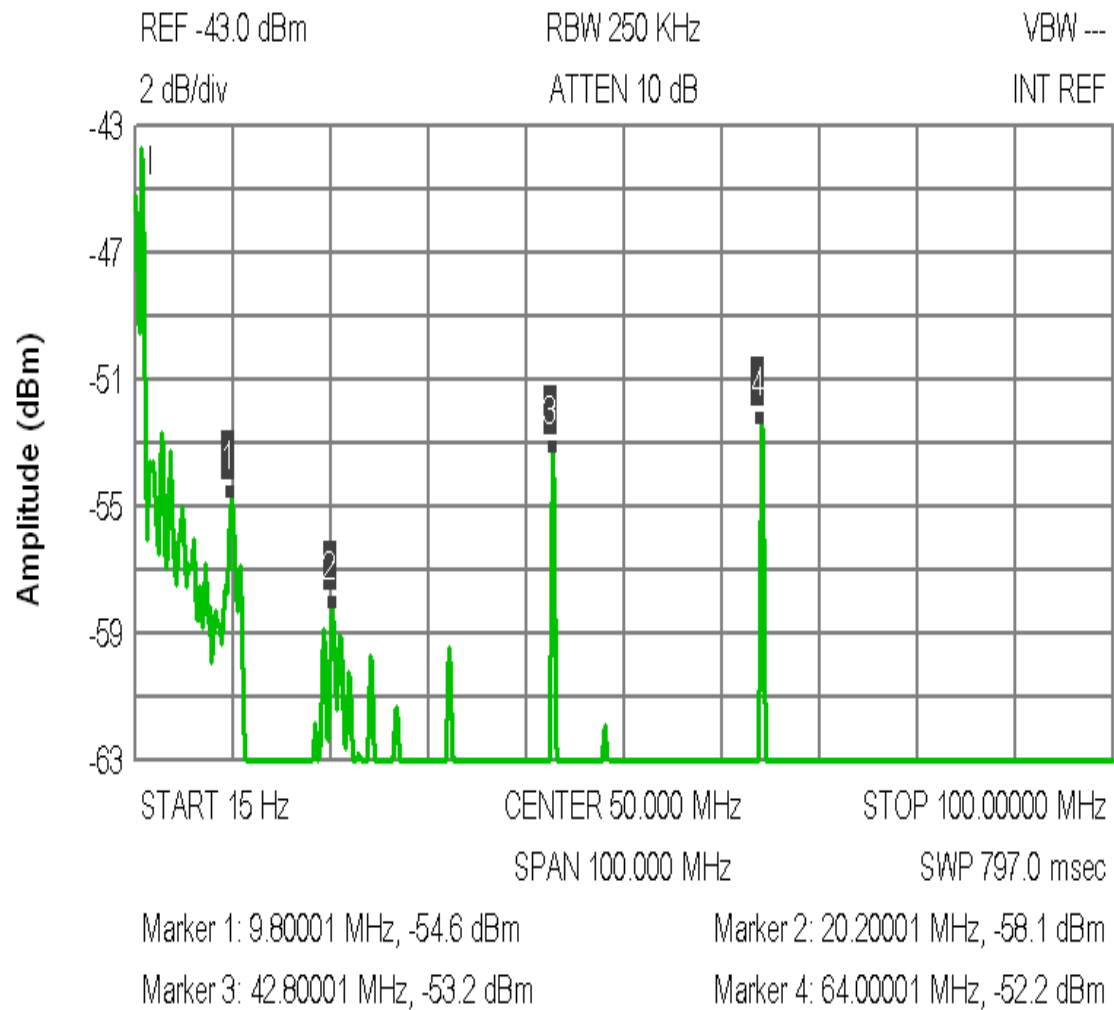
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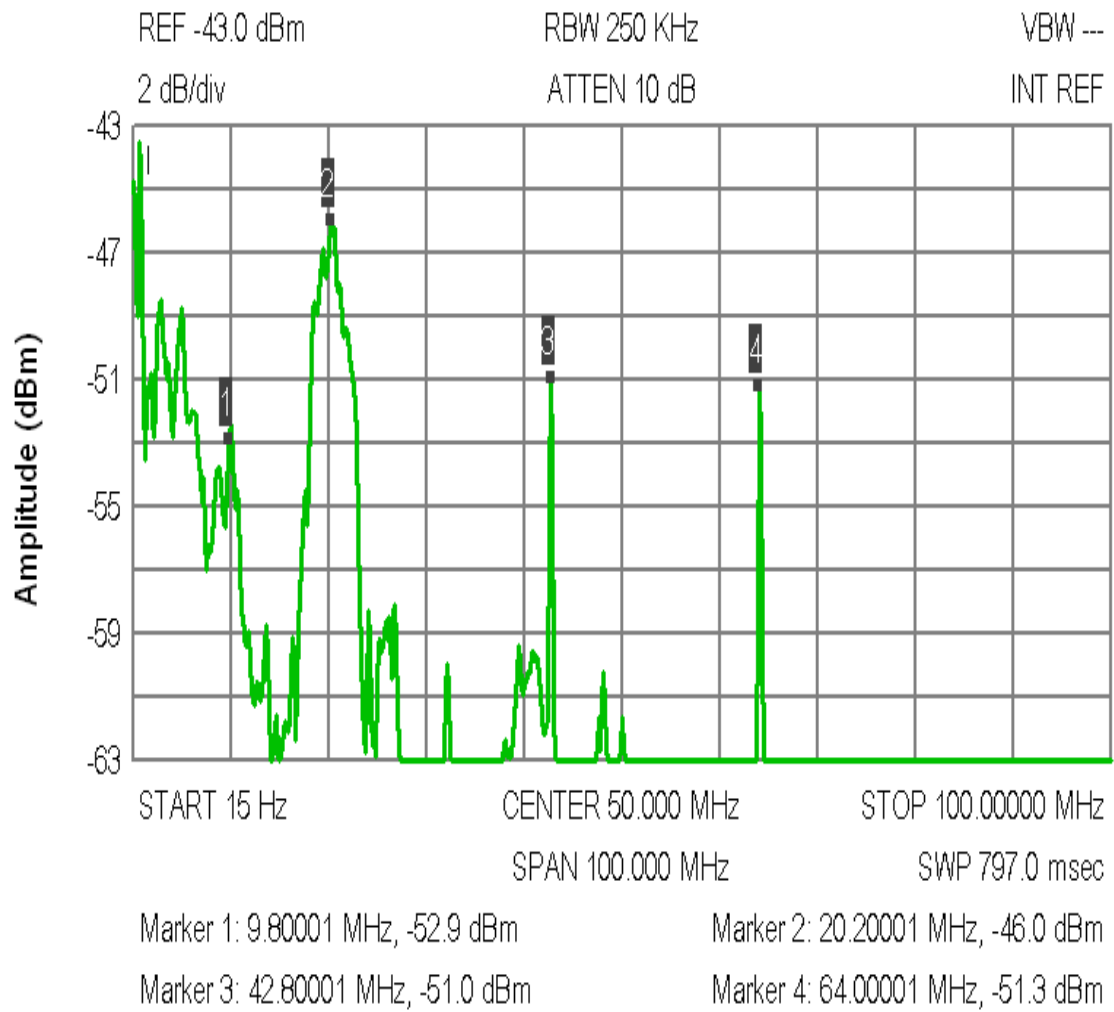
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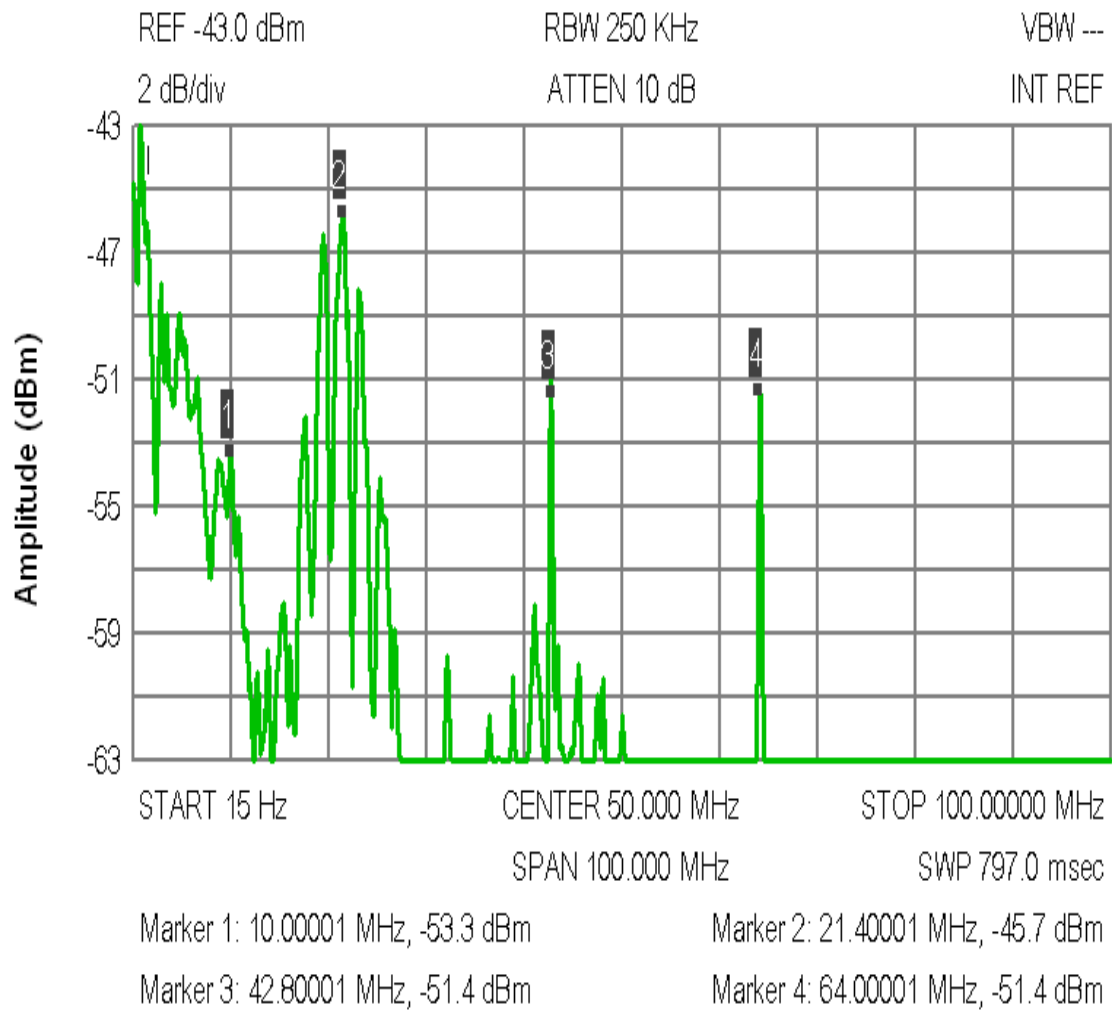
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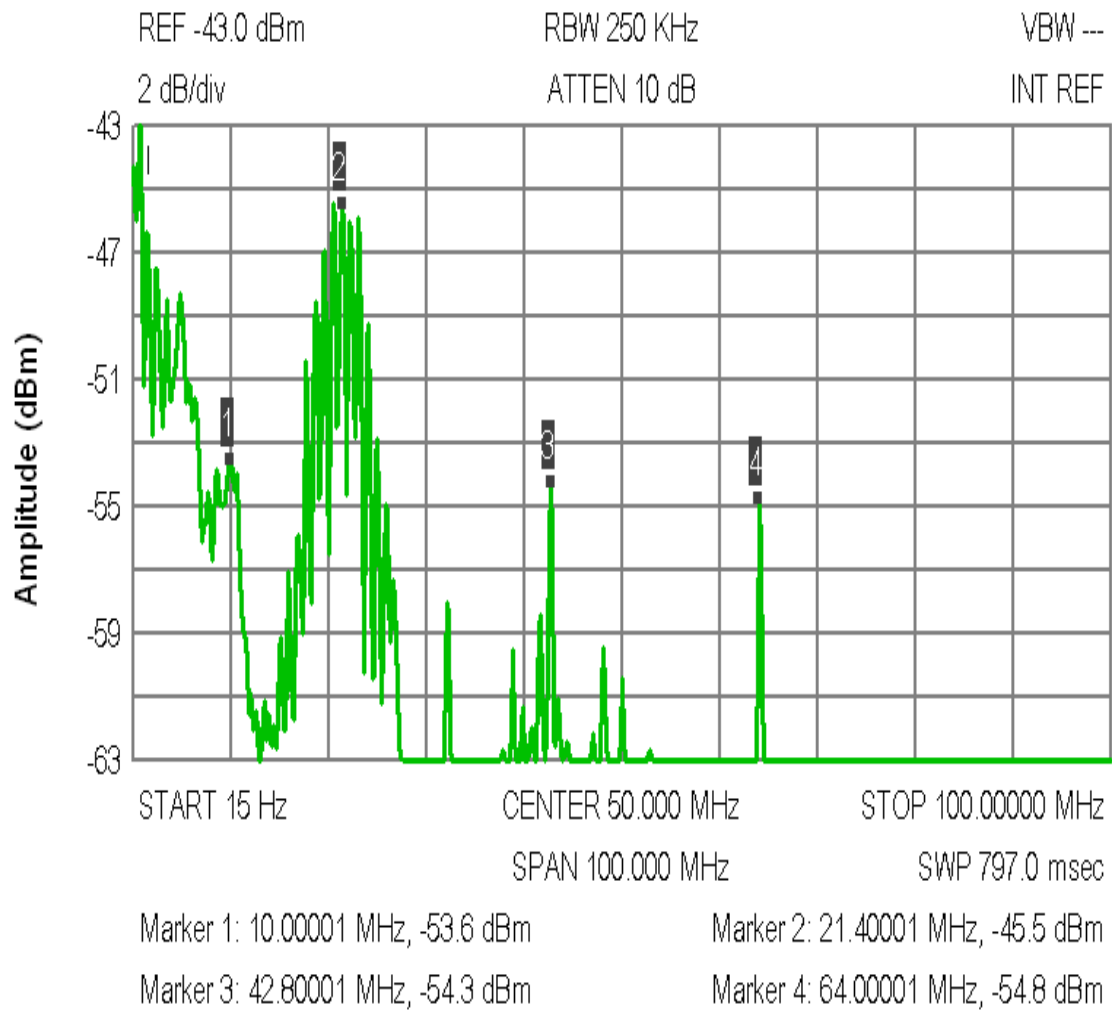
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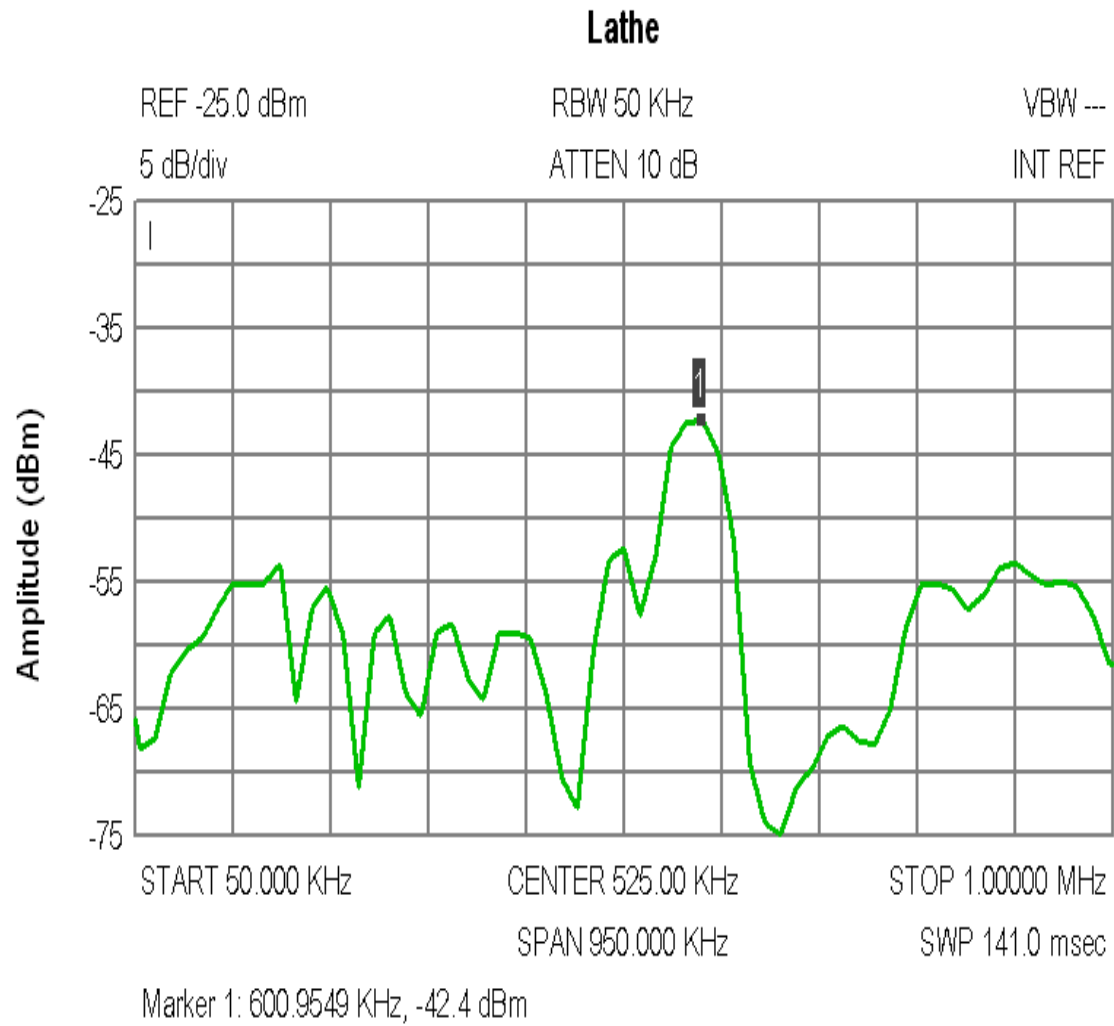
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