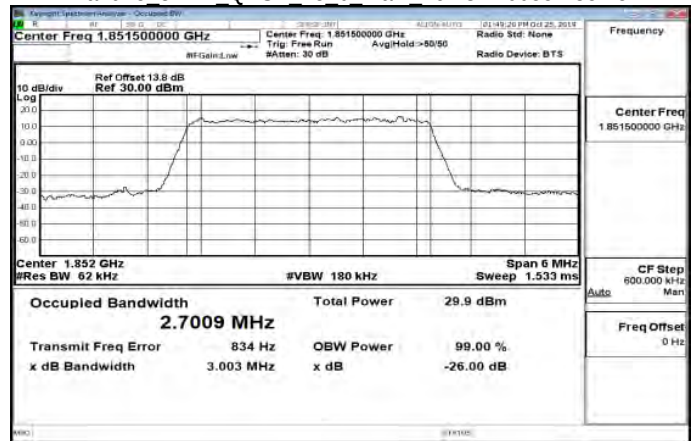


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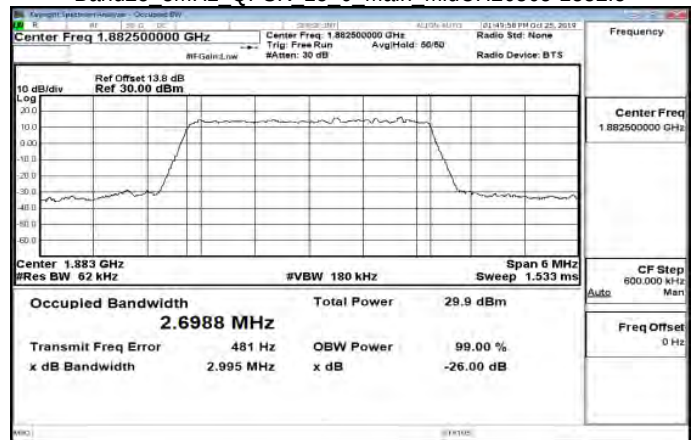
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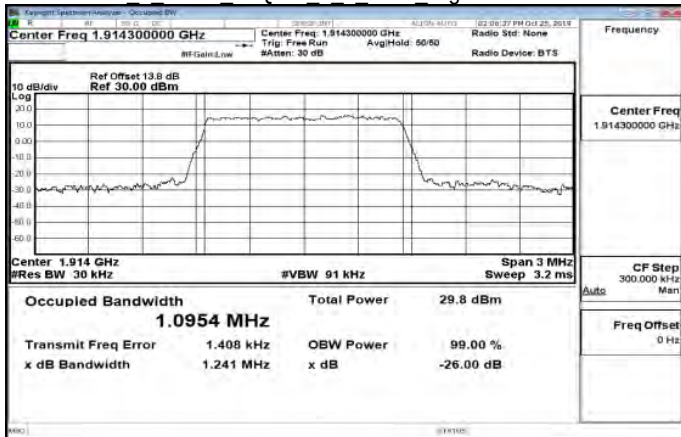
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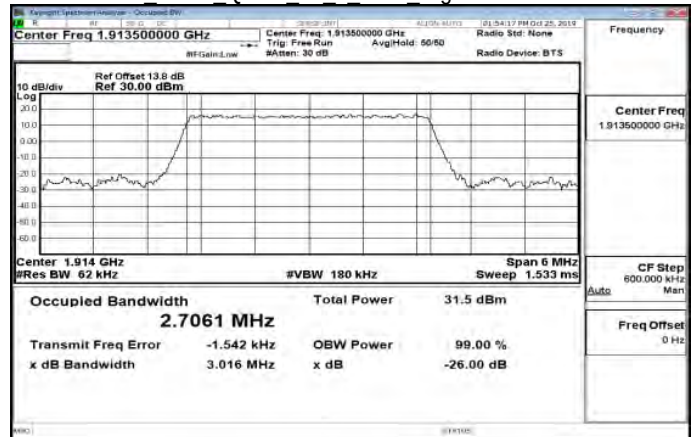
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Band25 3MHz QPSK 15 0 Main HighCH26675-1913.5

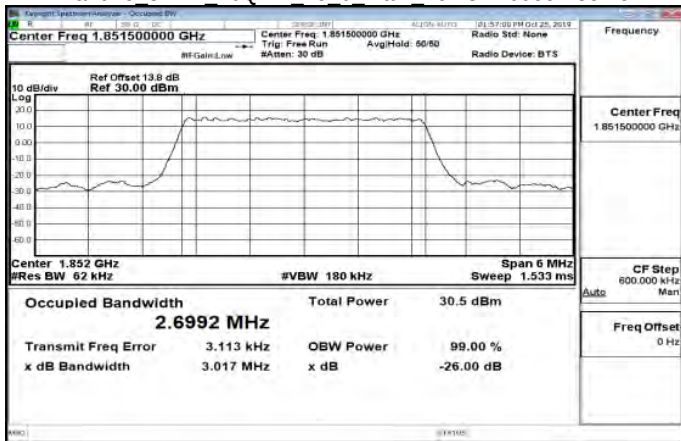


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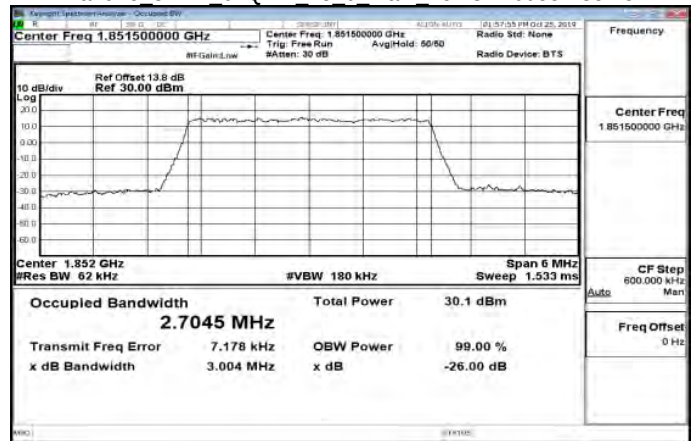
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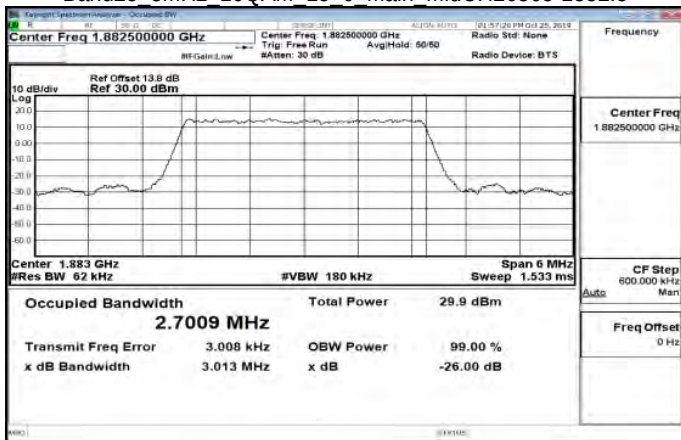
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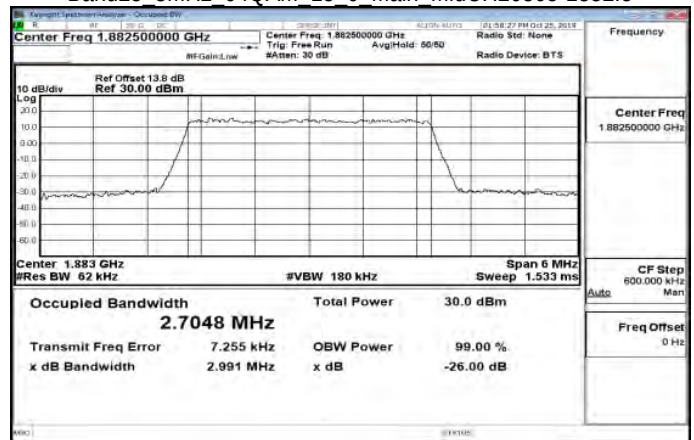
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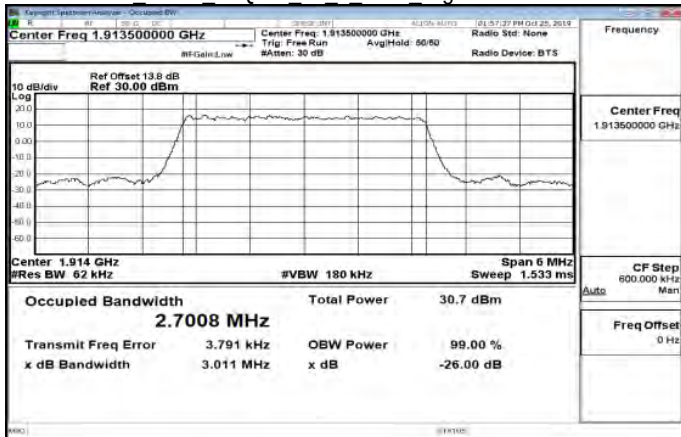
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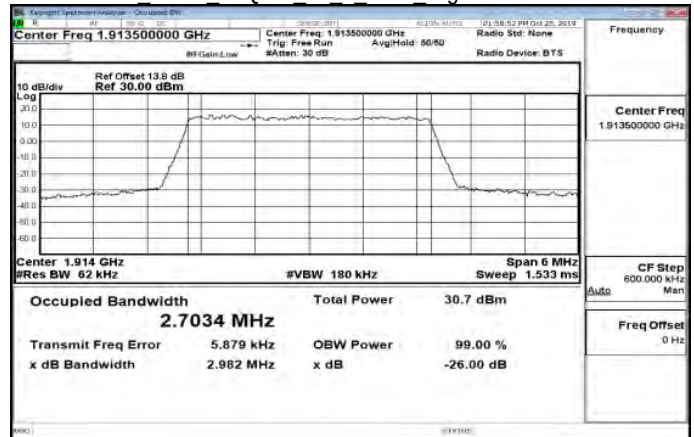
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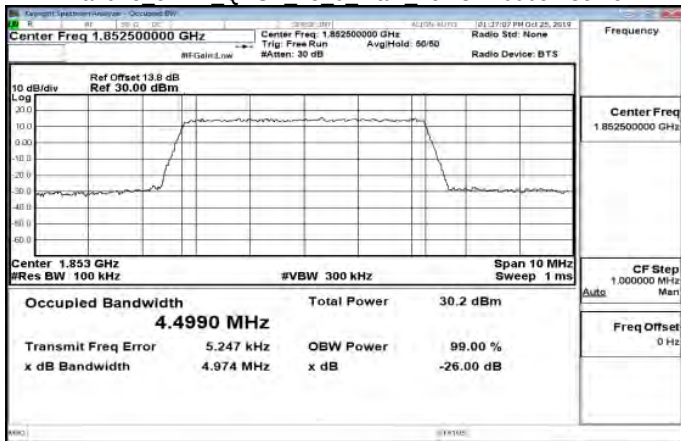


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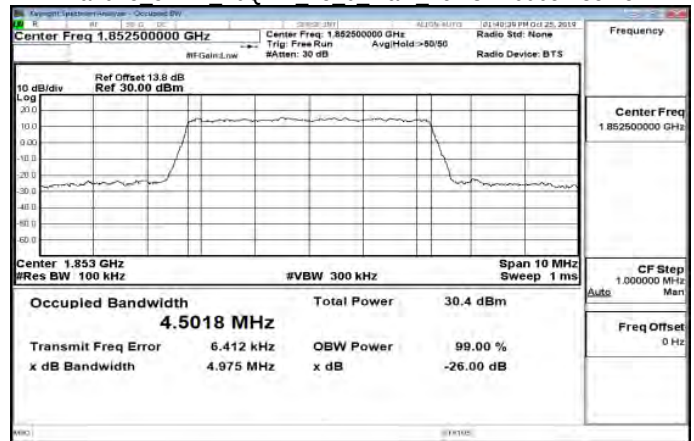
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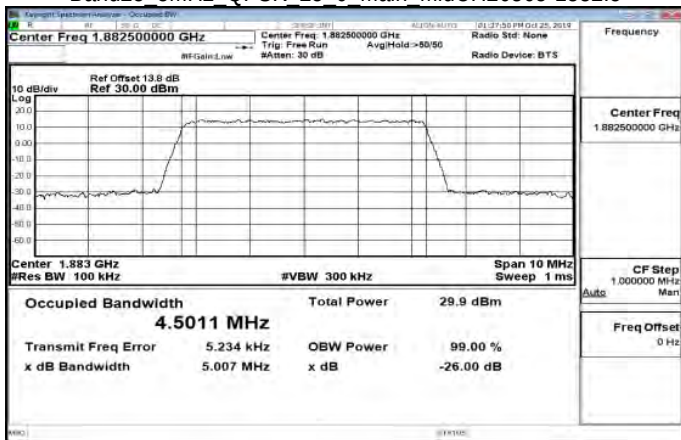
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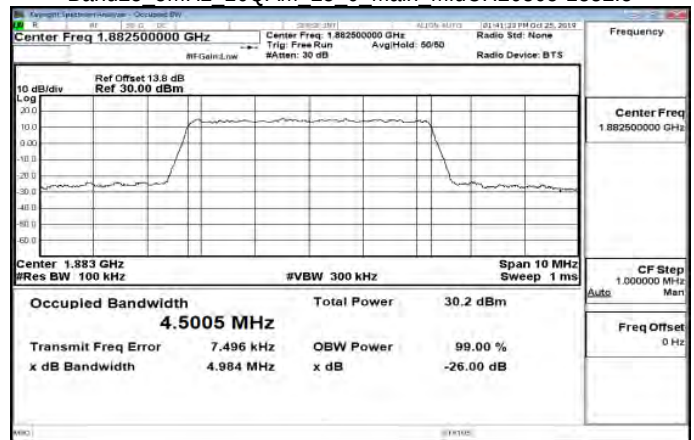
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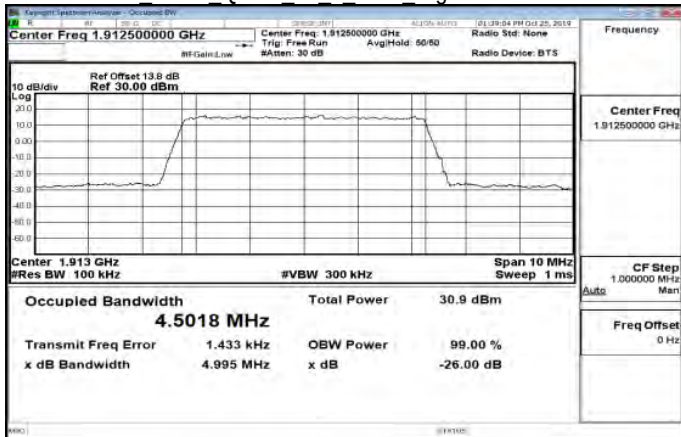
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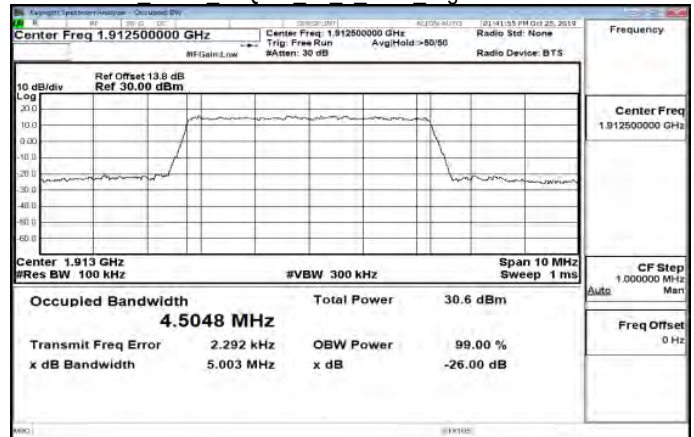
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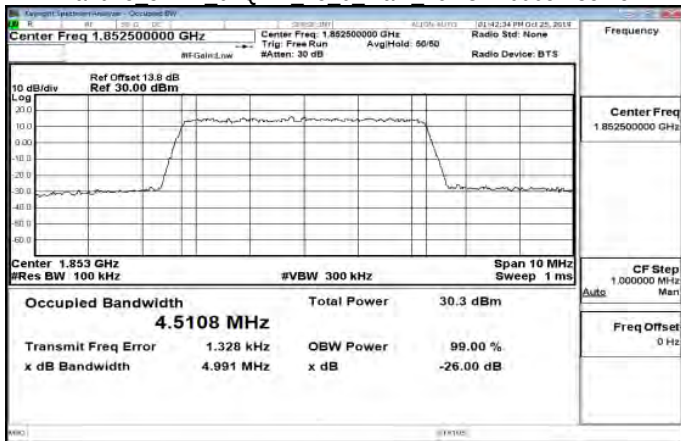


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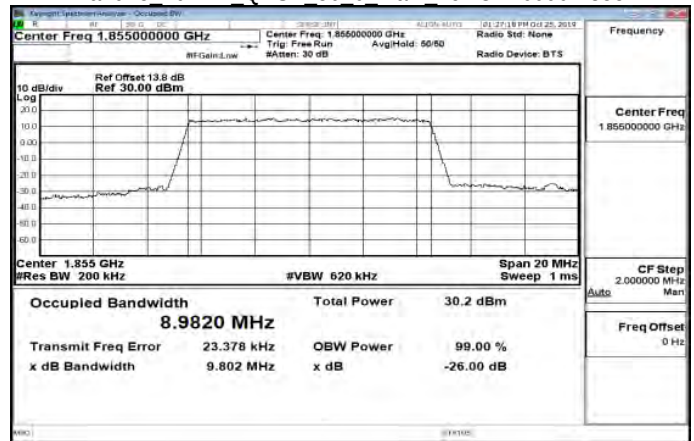
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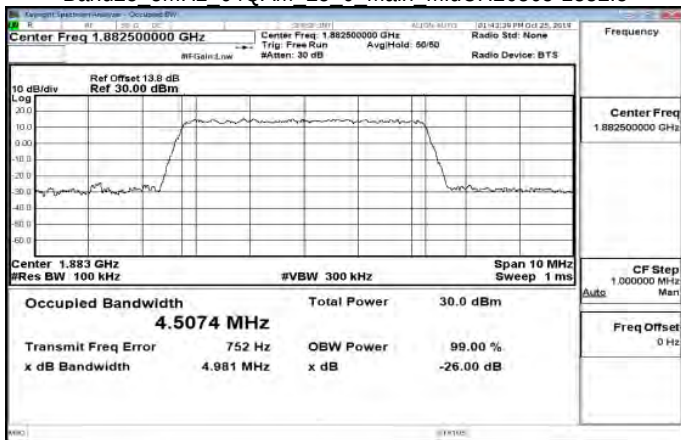
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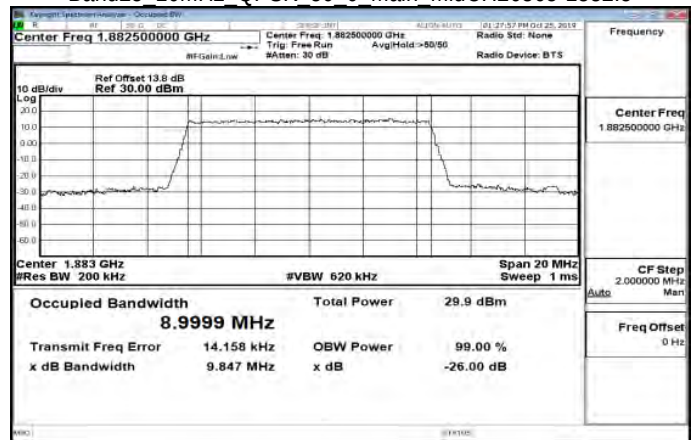
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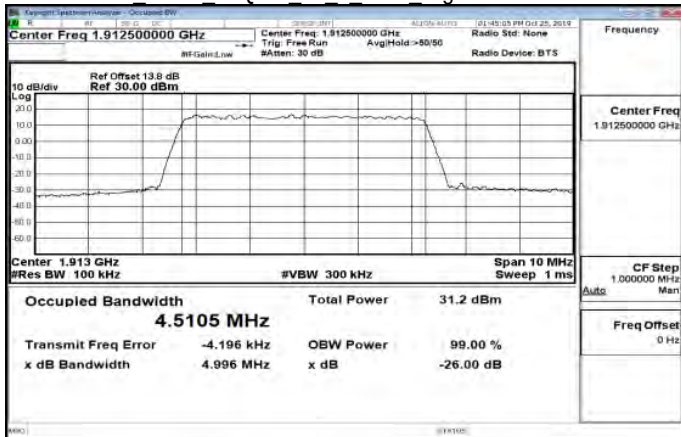
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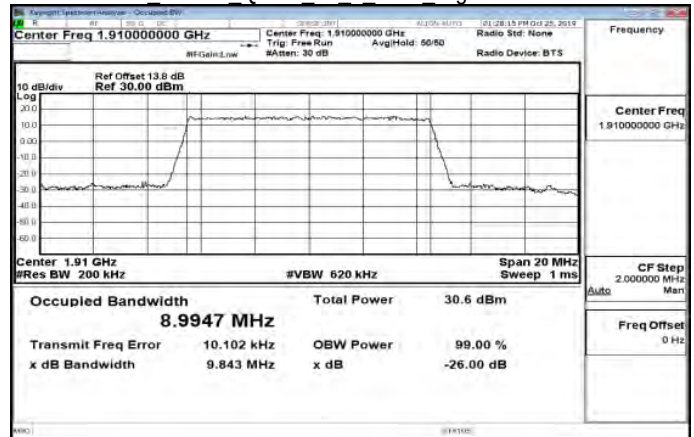
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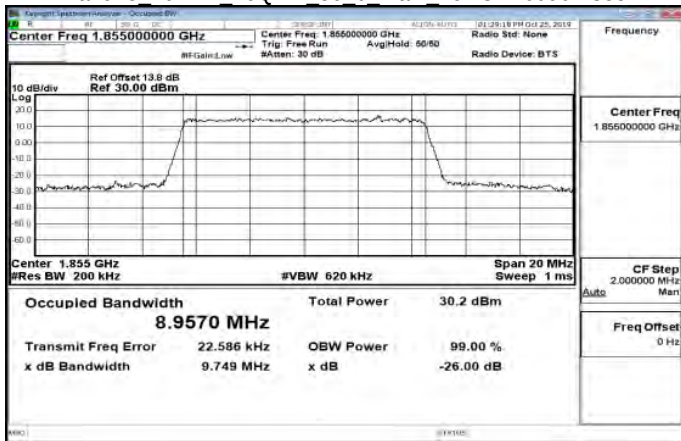


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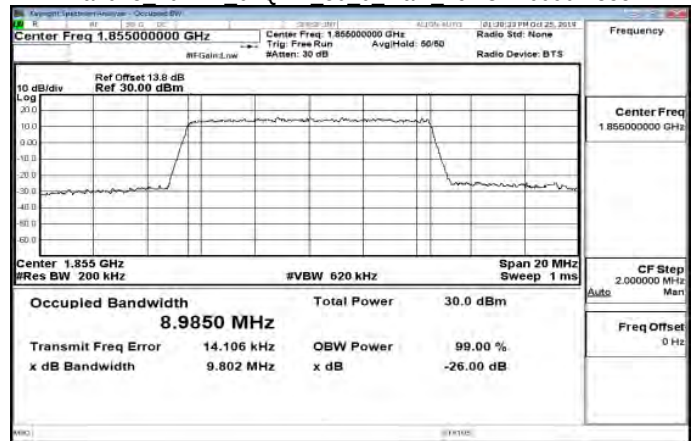
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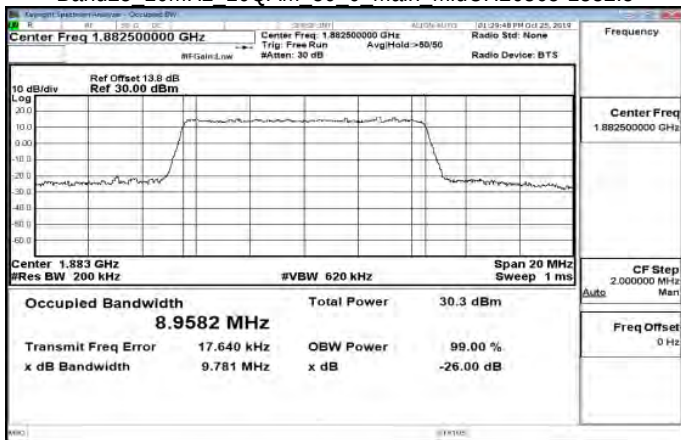
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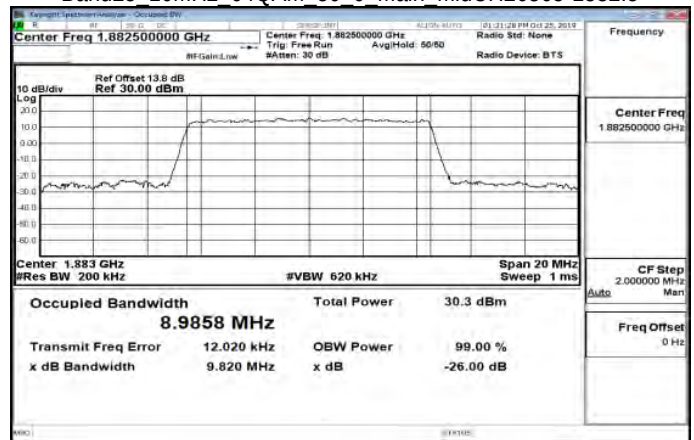
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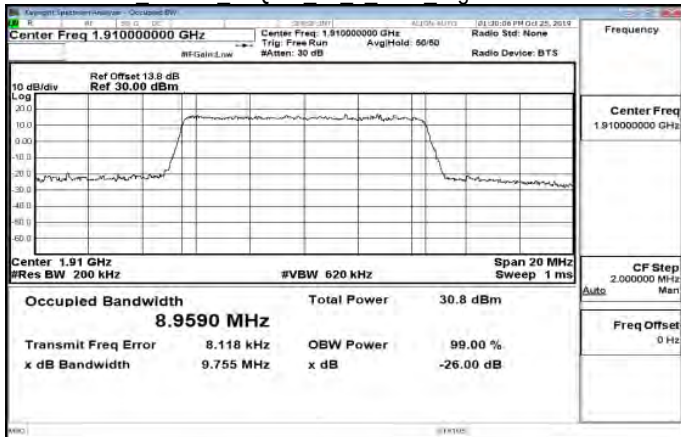
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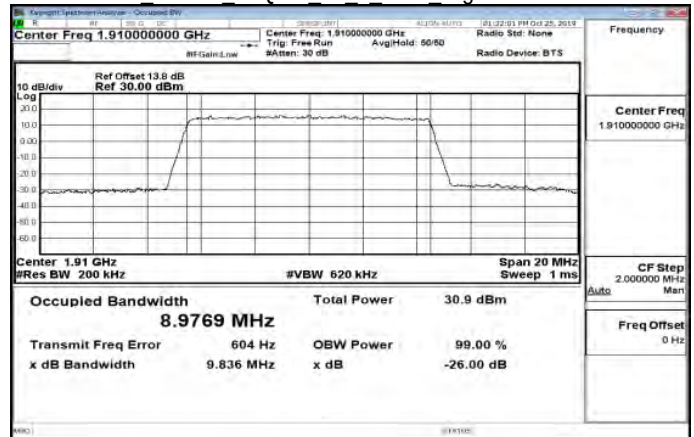
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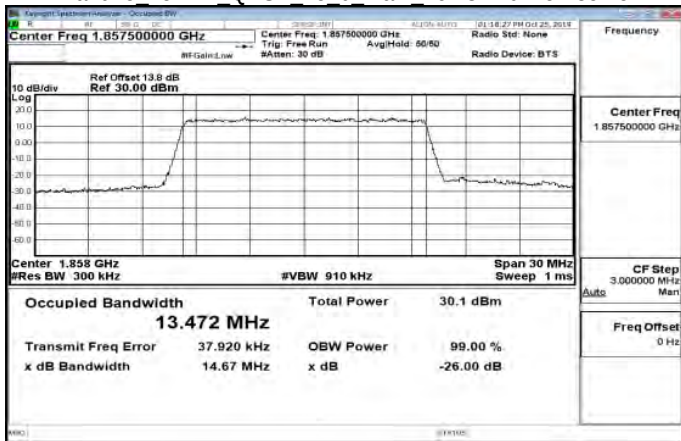


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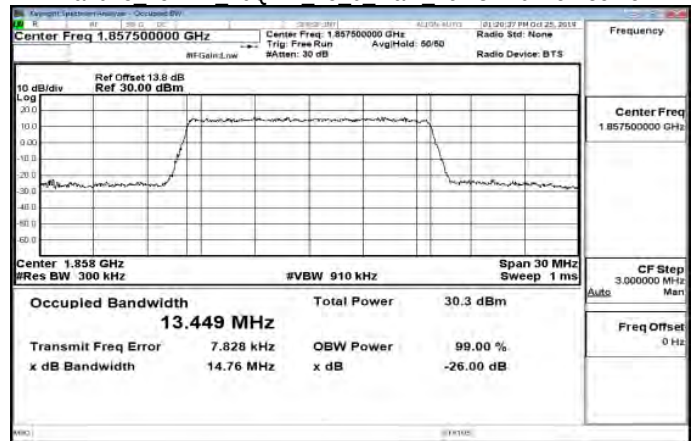
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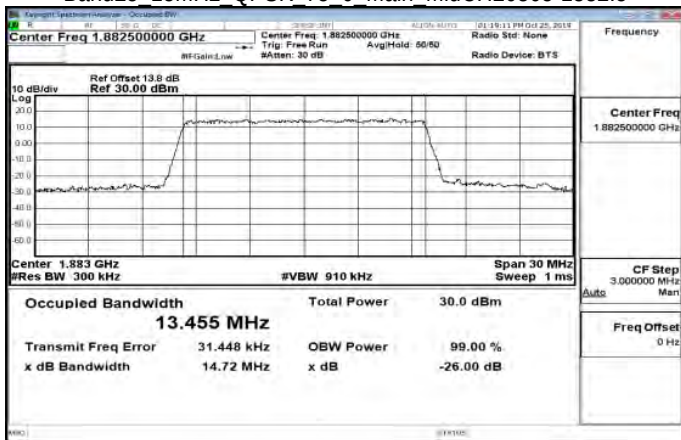
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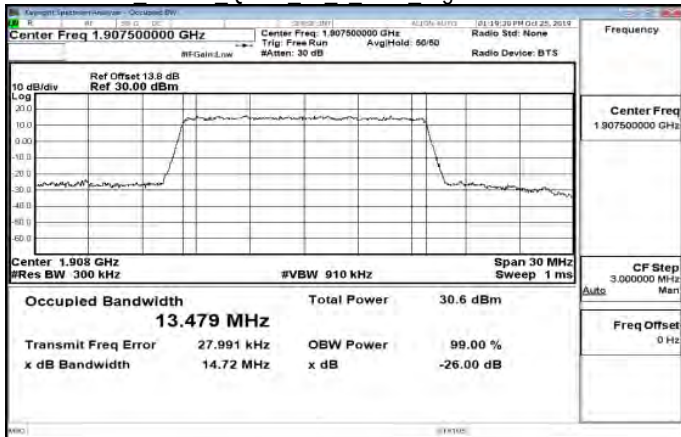
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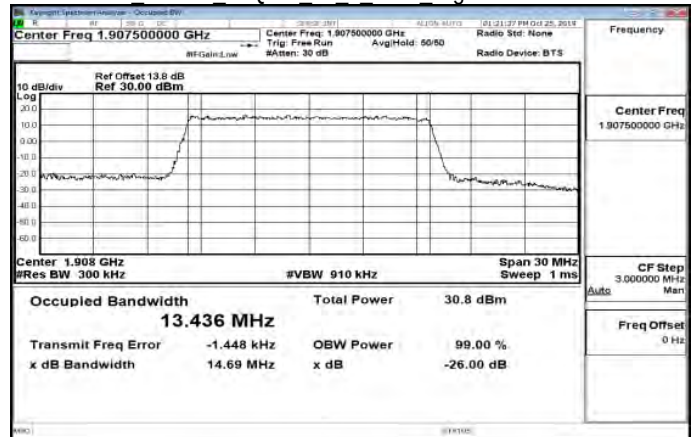
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Band25 15MHz QPSK 75 0 Main HighCH26615-1907.5



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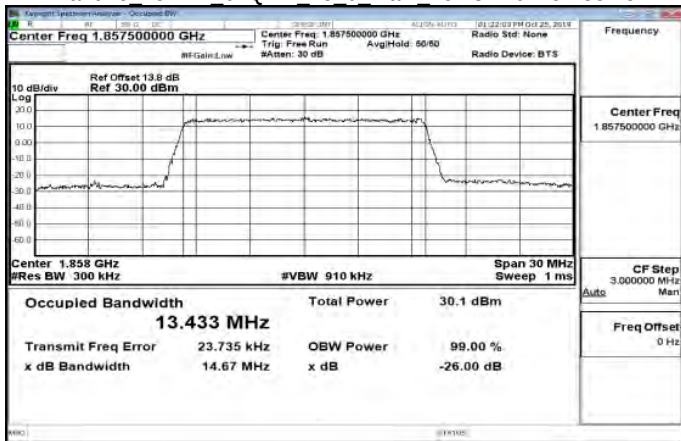


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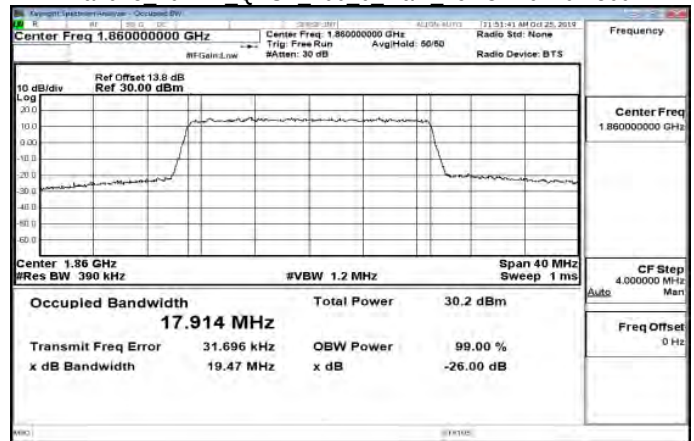
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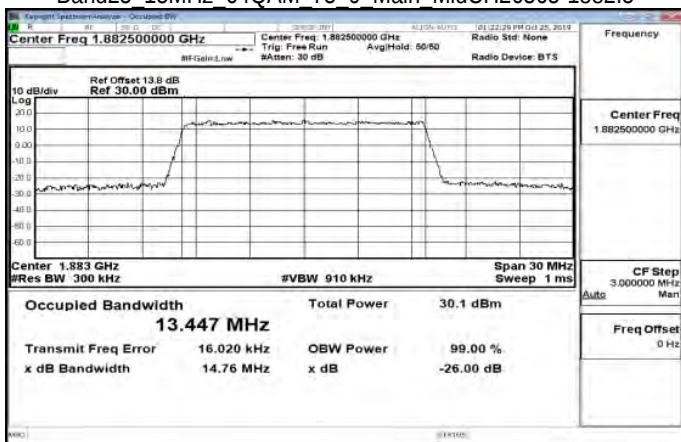
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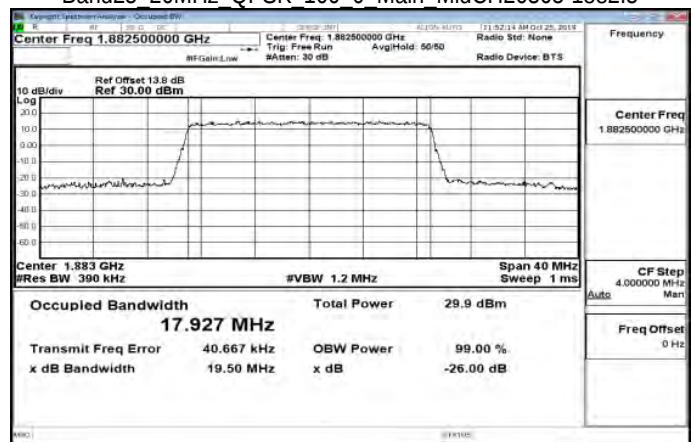
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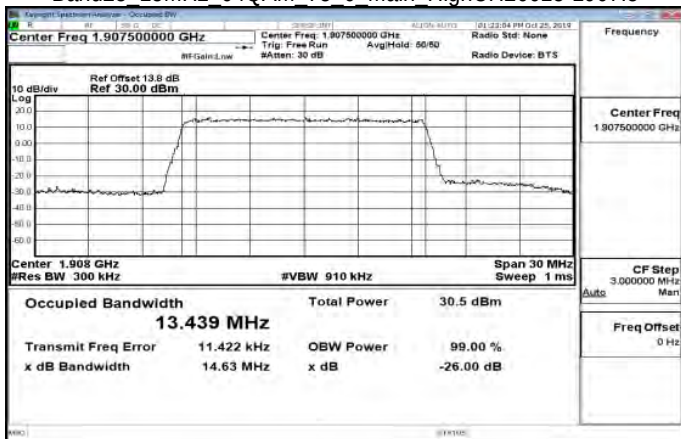
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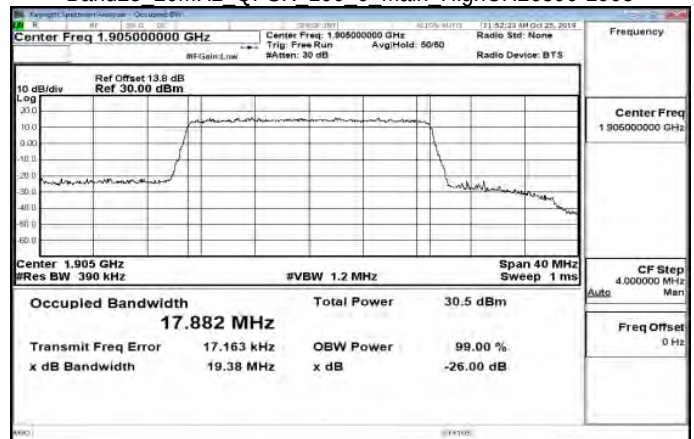
Band25 20MHz QPSK 100 0 Main MidCH26365-1882.5



Band25 15MHz 64QAM 75 0 Main HighCH26615-1907.5



Band25 20MHz QPSK 100 0 Main HighCH26590-1905

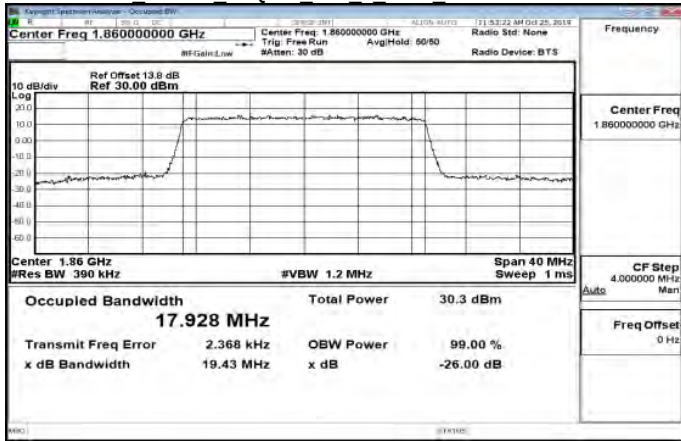


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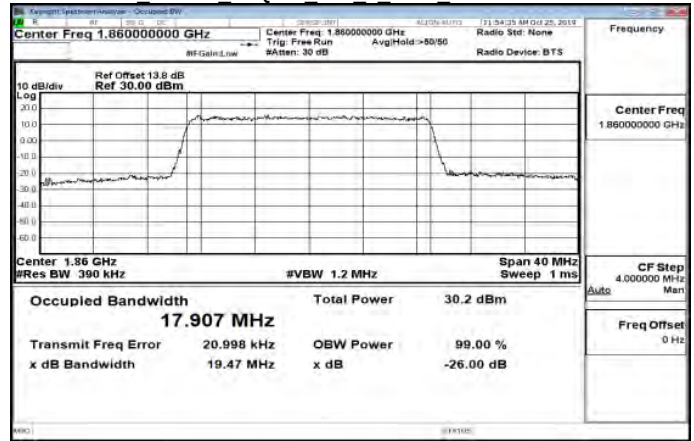
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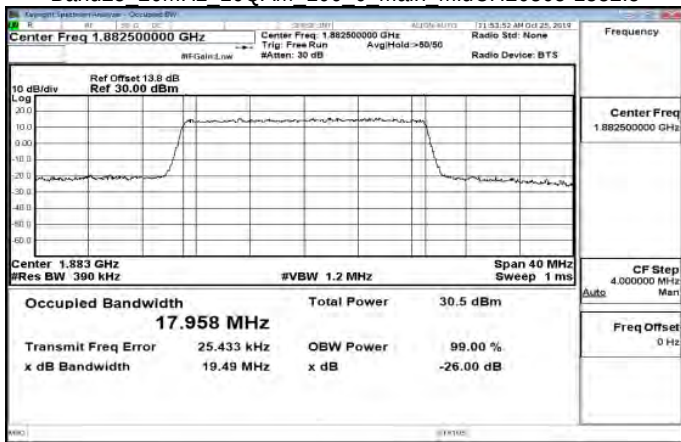
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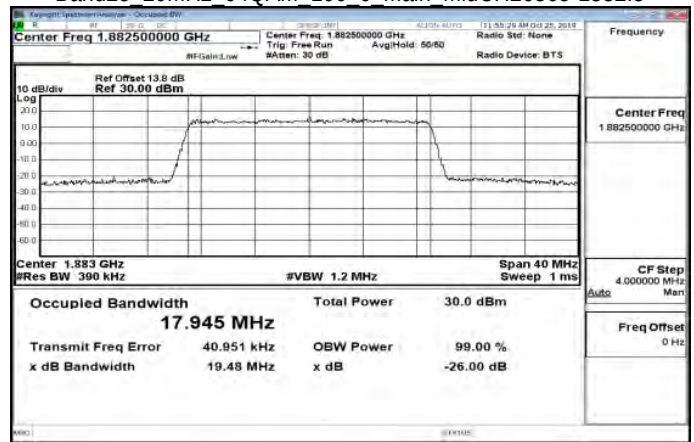
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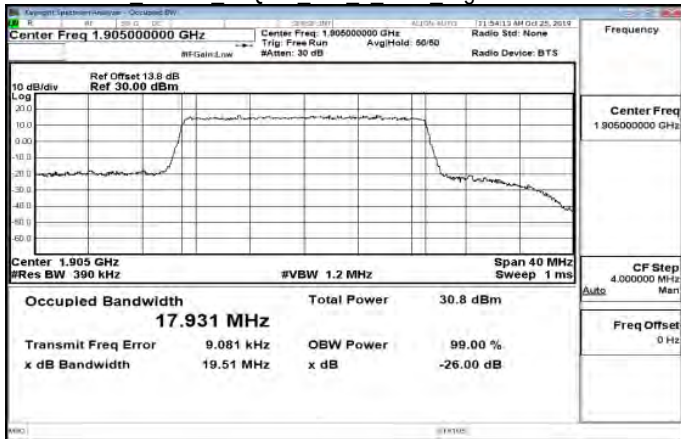
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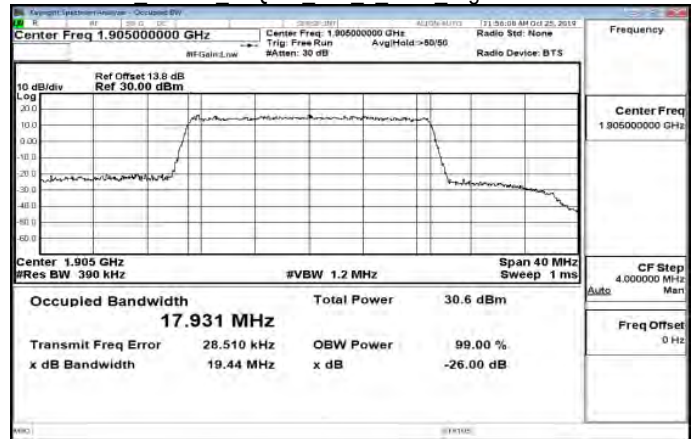
Band25 20MHz 64QAM 100 0 Main MidCH26365-1882.5



Band25 20MHz 16QAM 100 0 Main HighCH26590-1905



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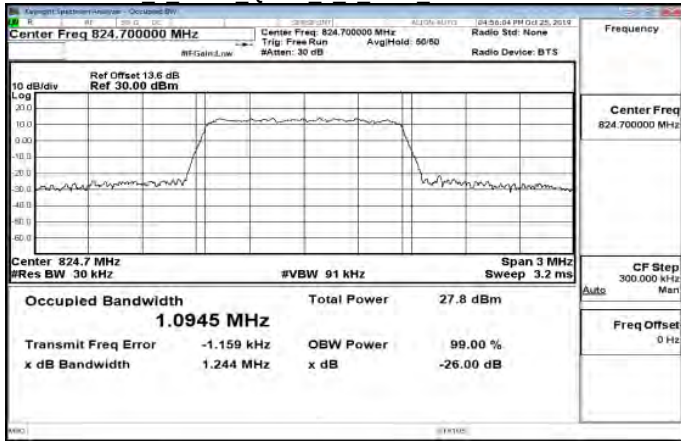


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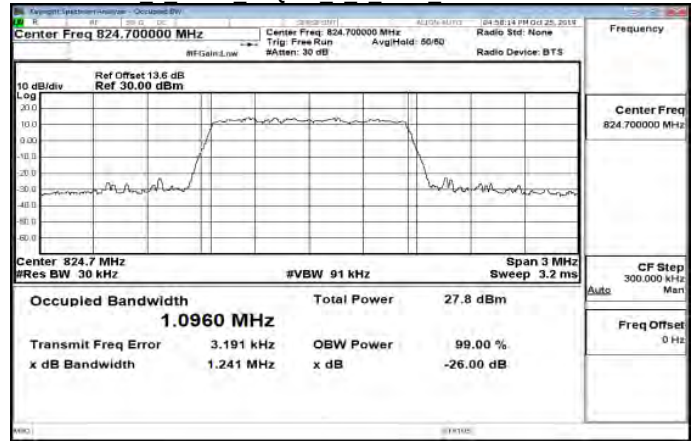
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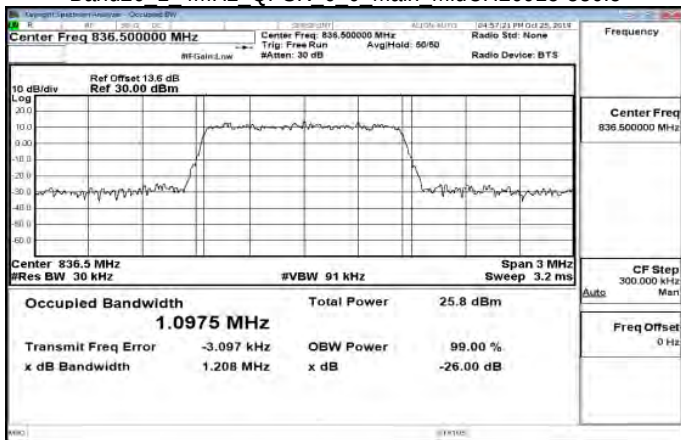
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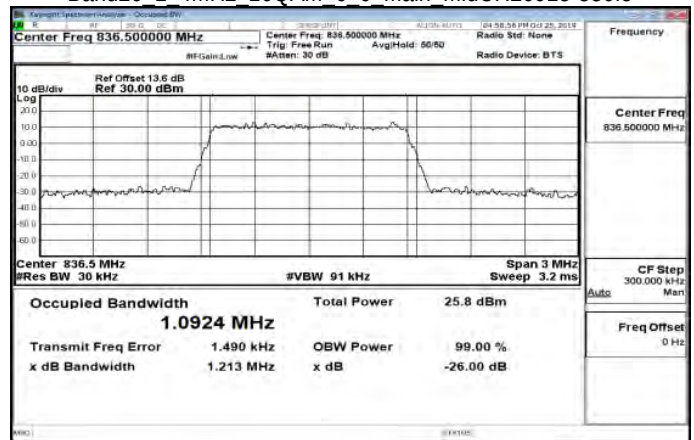
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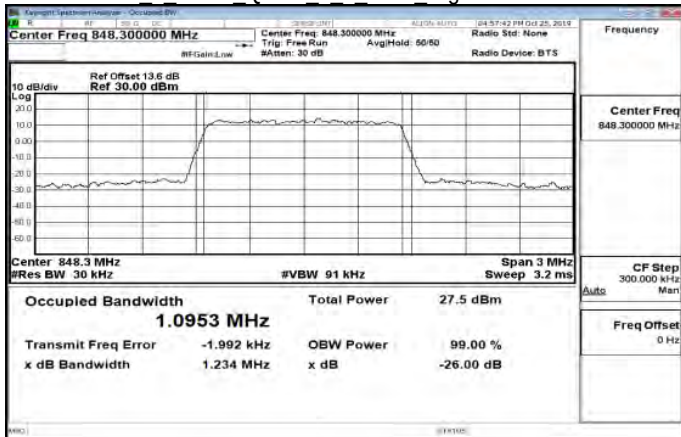
Band26 1 4MHz QPSK 6 0 Main MidCH26915-836.5



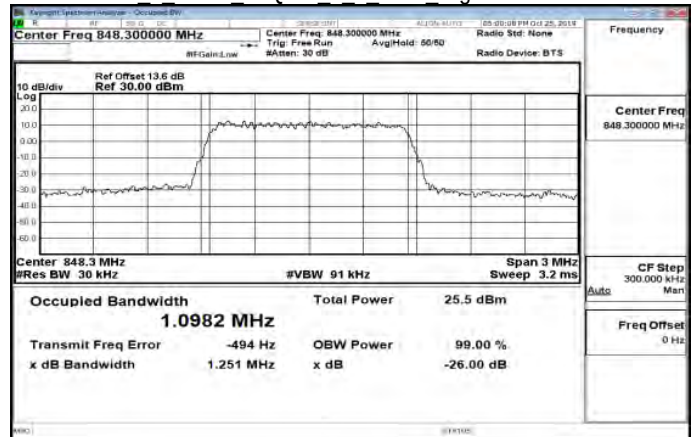
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Band26 1 4MHz QPSK 6 0 Main HighCH27033-848.3



Band26 1 4MHz 16QAM 6 0 Main HighCH27033-848.3

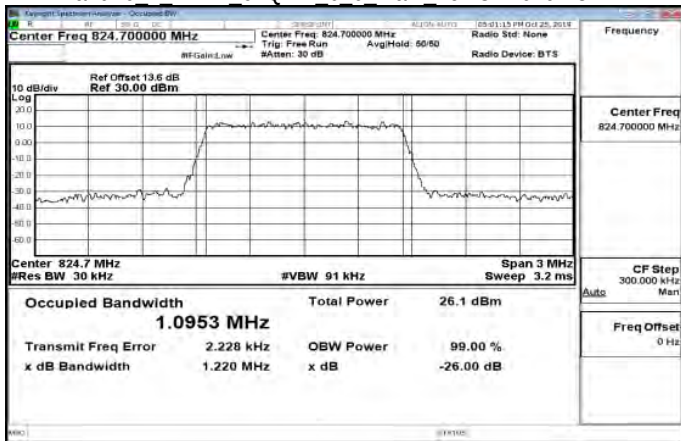


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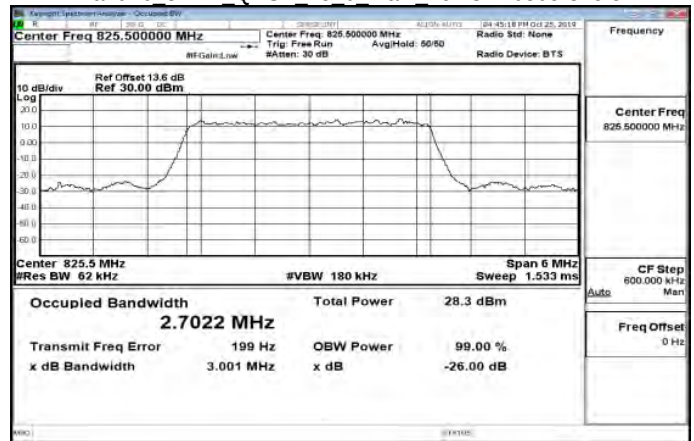
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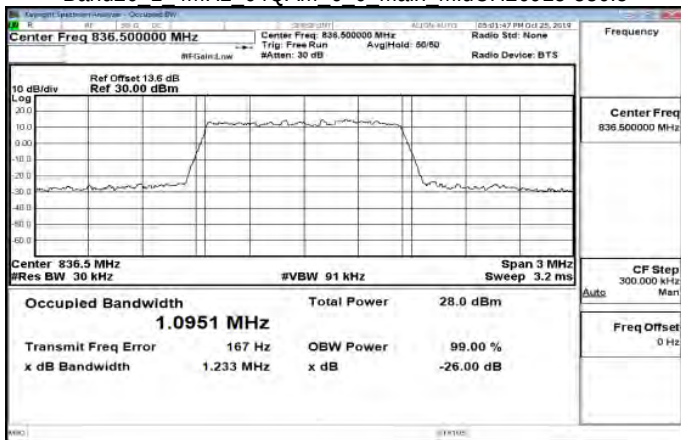
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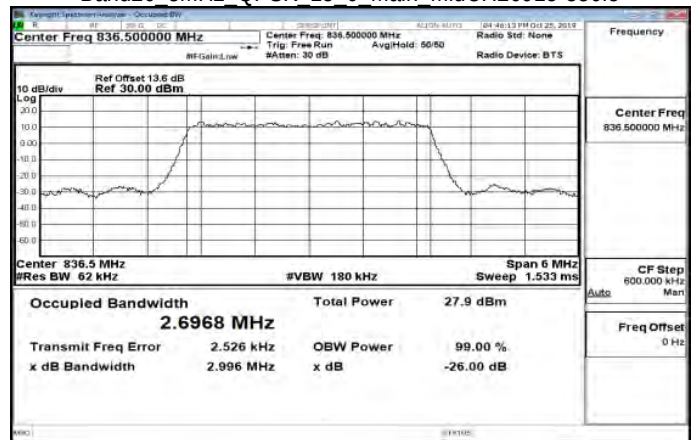
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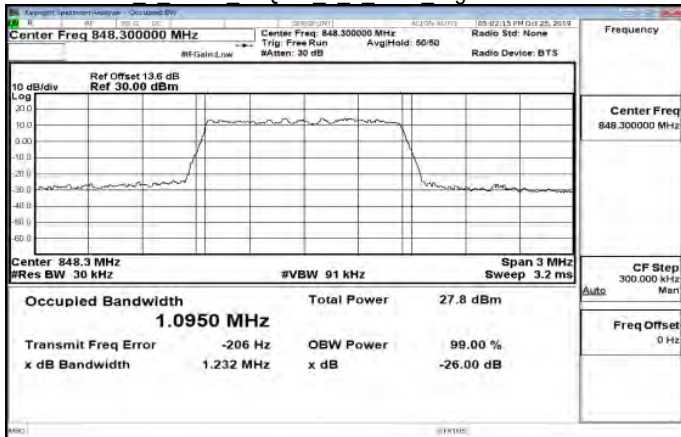
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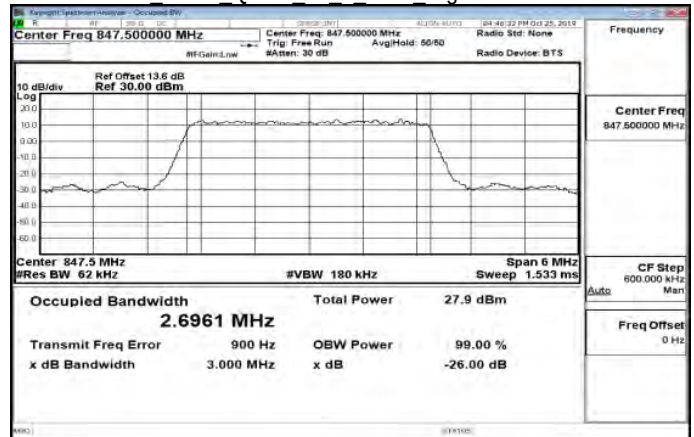
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Band26 1 4MHz 64QAM 6 0 Main HighCH27033-848.3



Band26 3MHz QPSK 15 0 Main HighCH27025-847.5

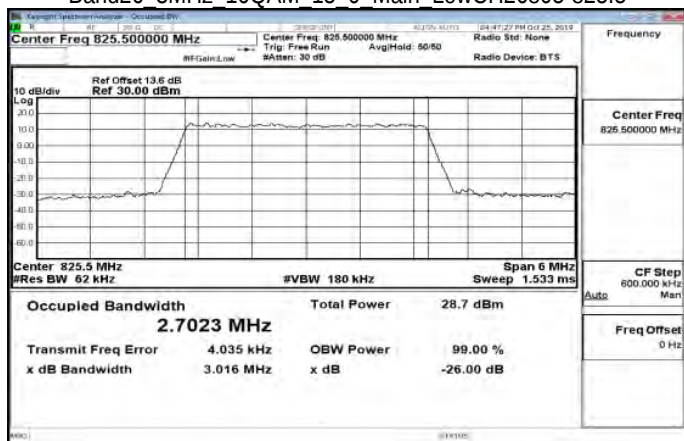


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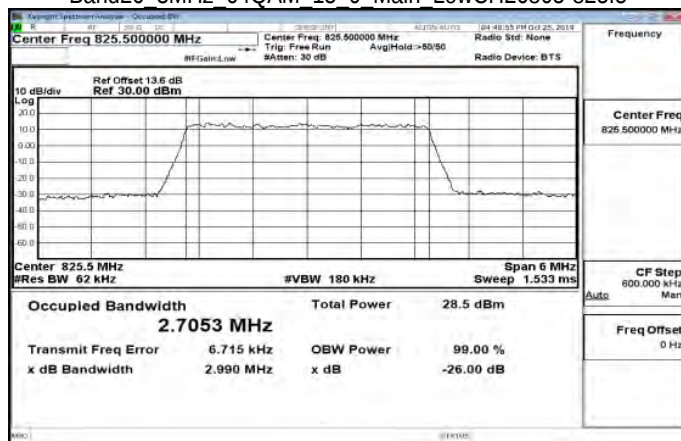
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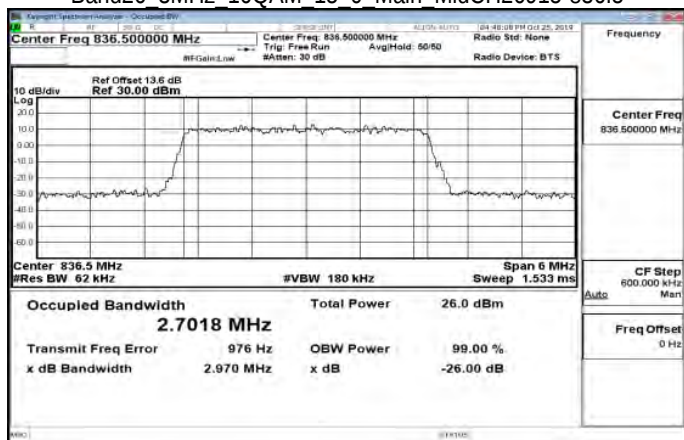
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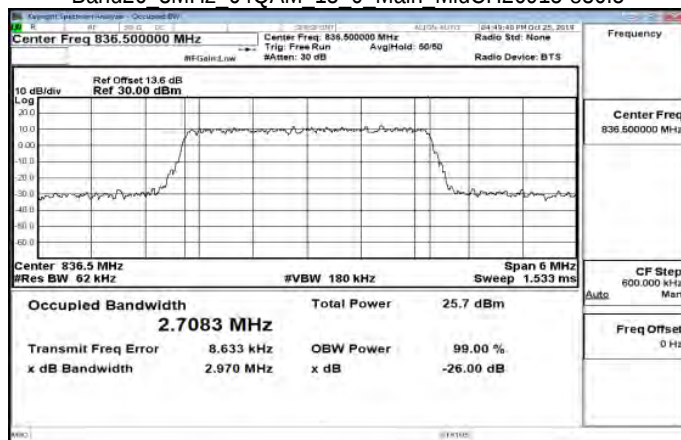
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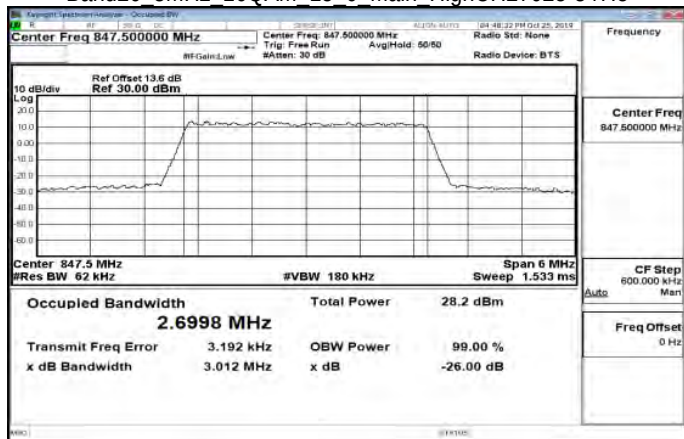
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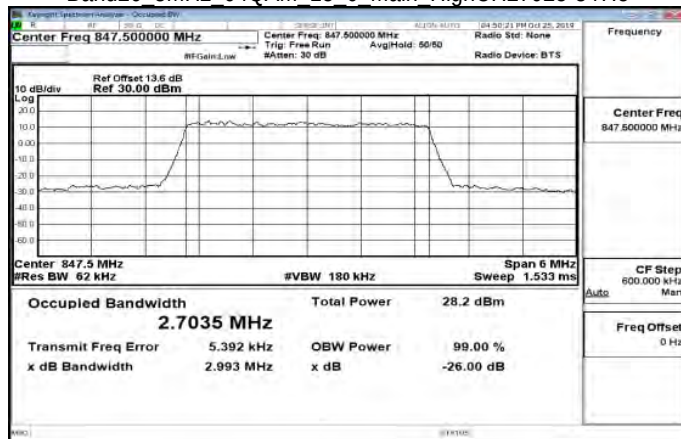
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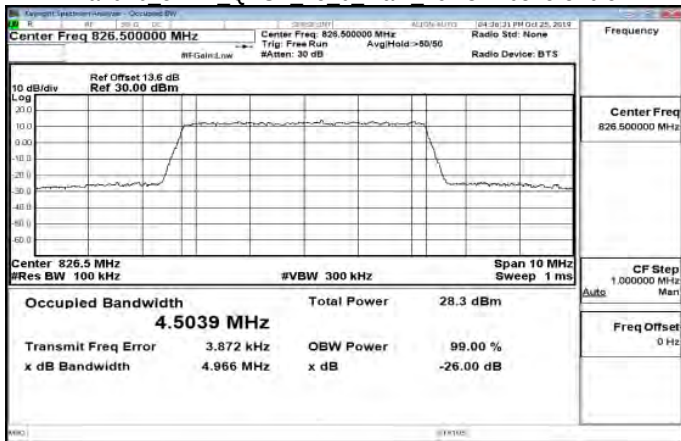


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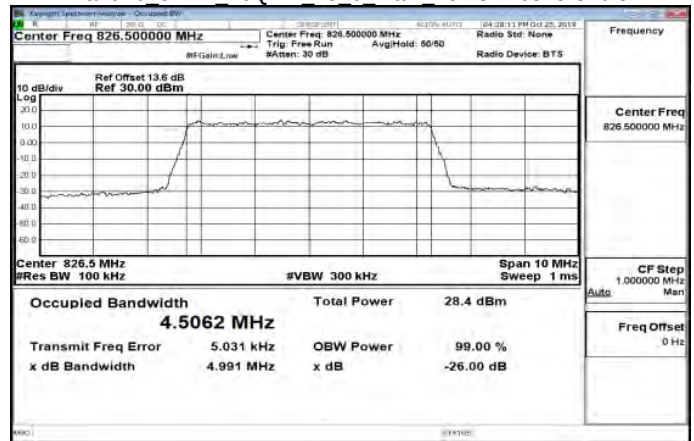
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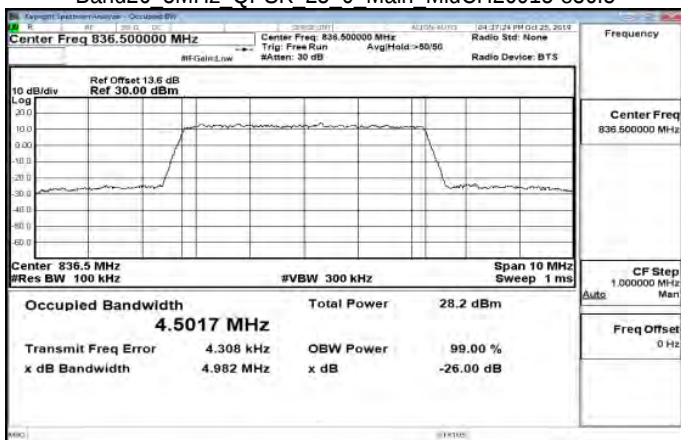
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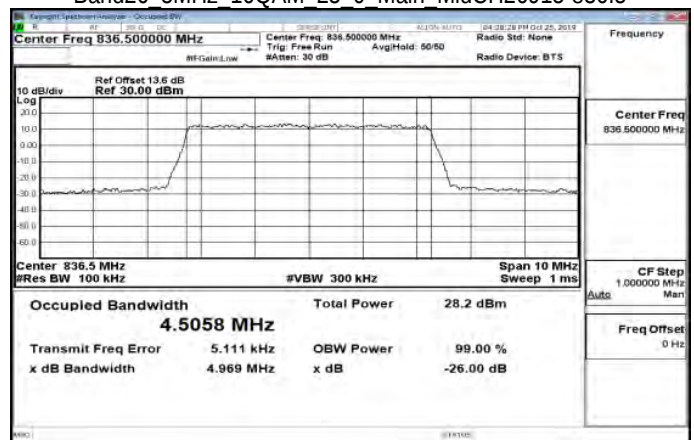
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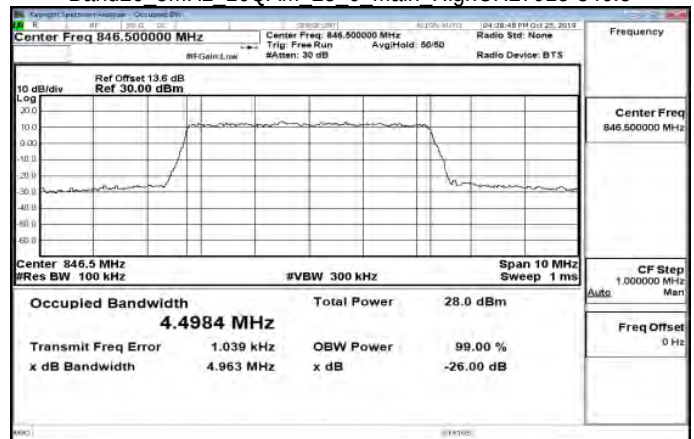
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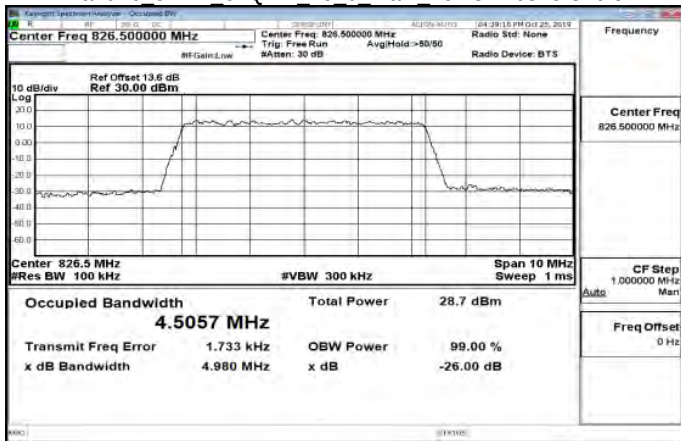


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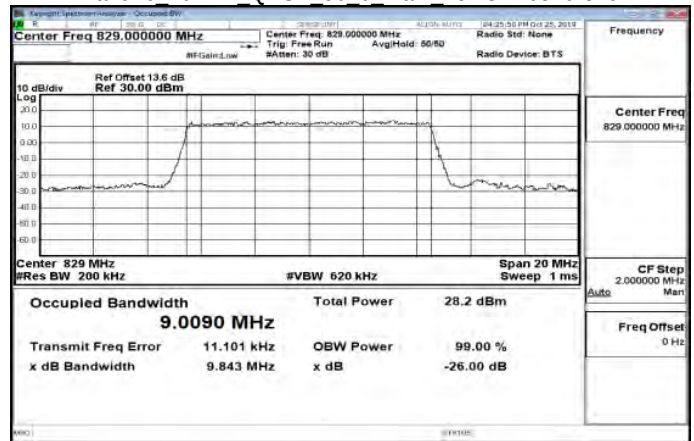
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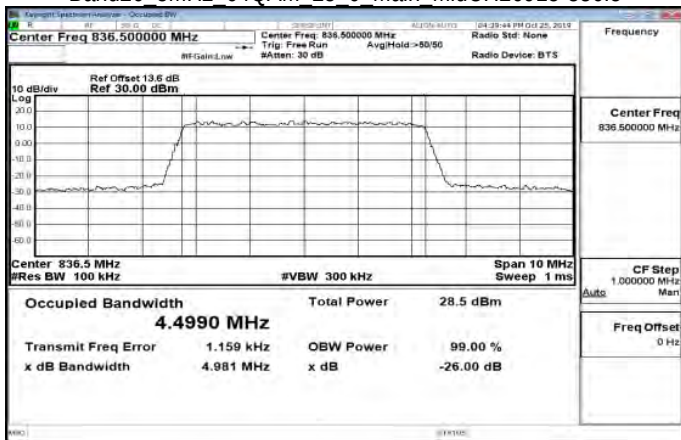
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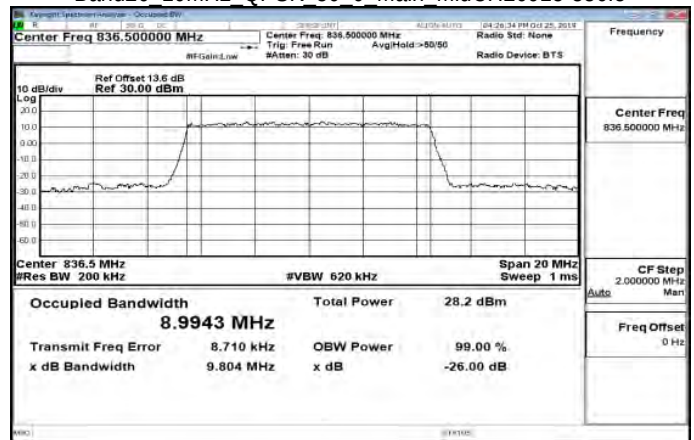
Band26 10MHz QPSK 50 0 Main LowCH26840-829



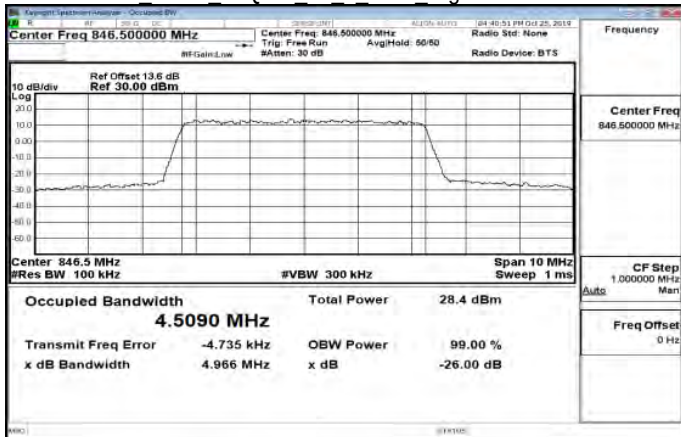
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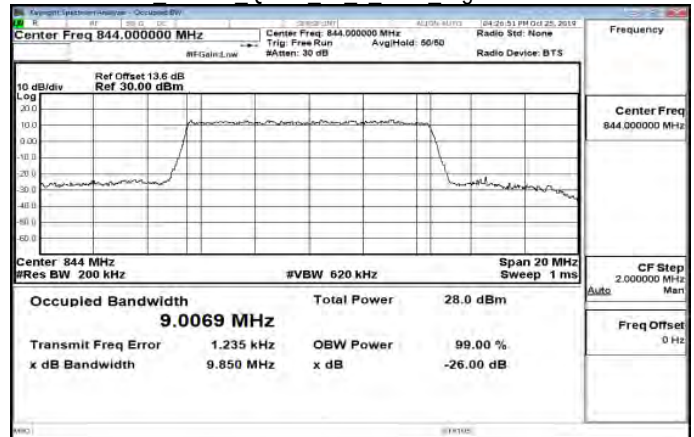
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Band26 5MHz 64QAM 25 0 Main HighCH27015-846.5



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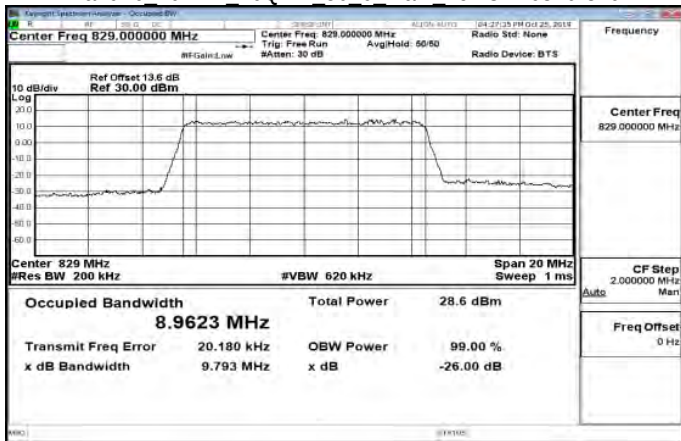


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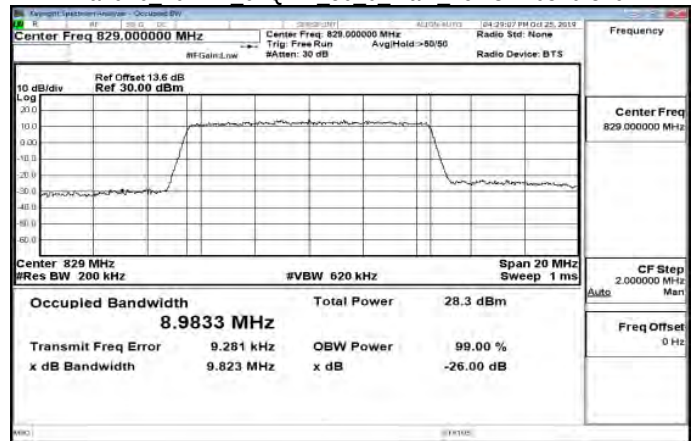
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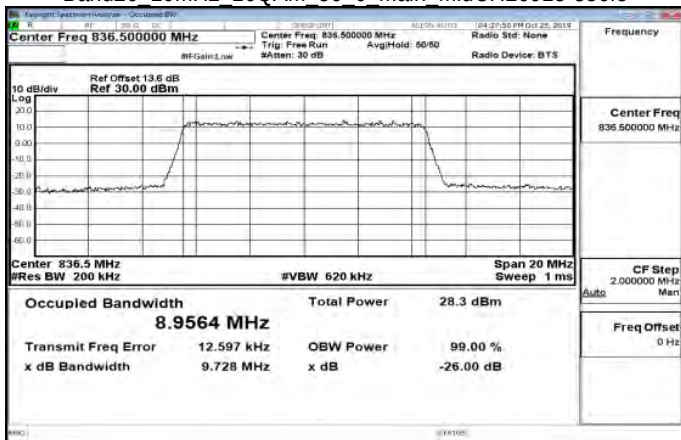
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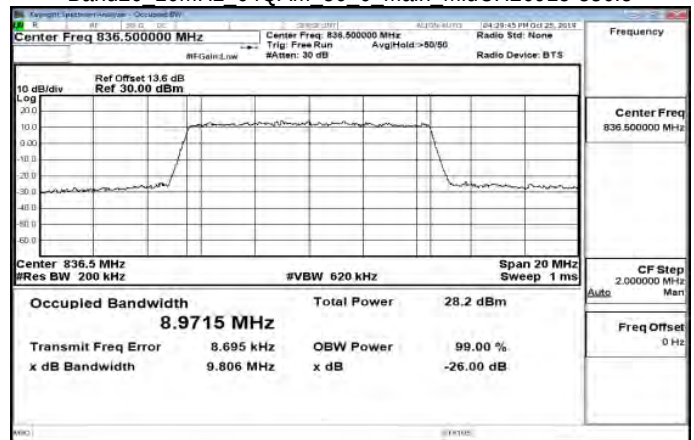
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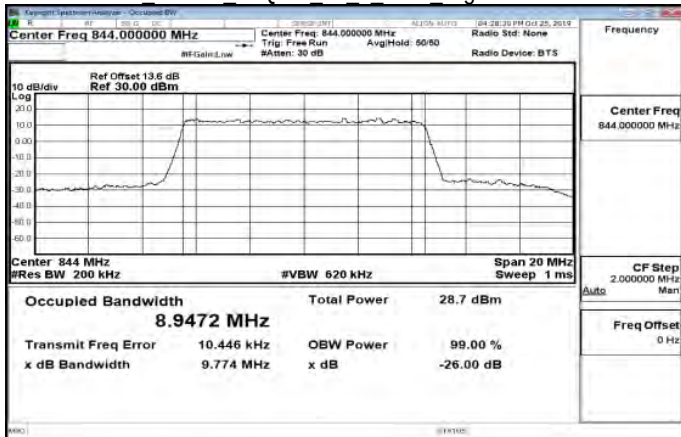
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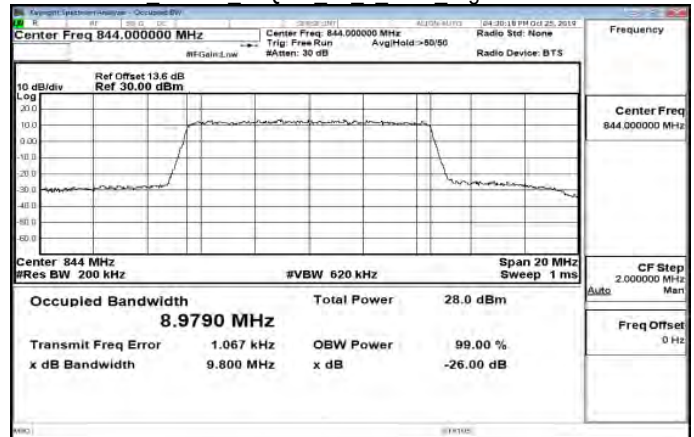
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Band26 10MHz 16QAM 50 0 Main HighCH26990-844



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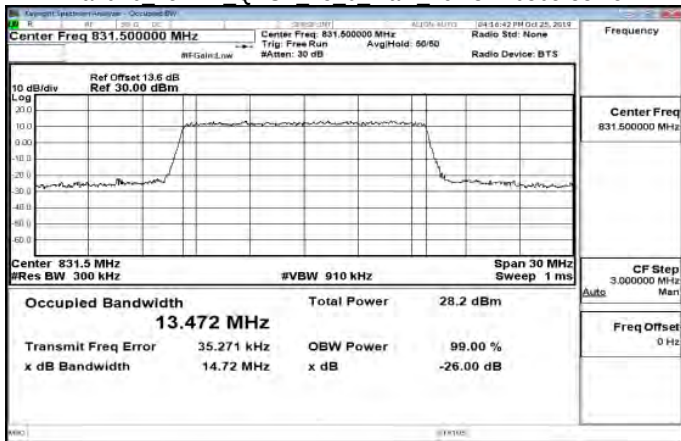


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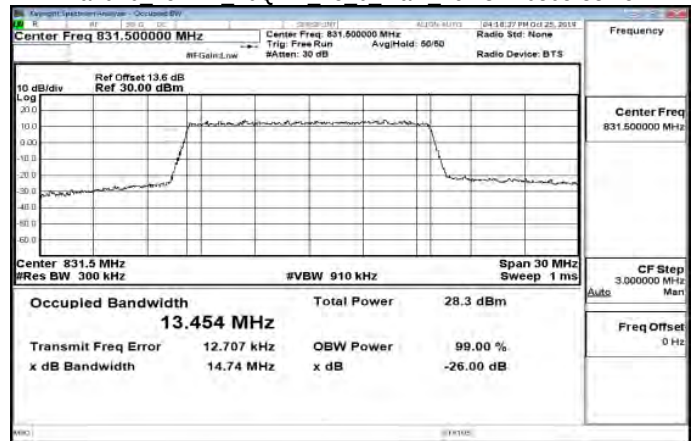
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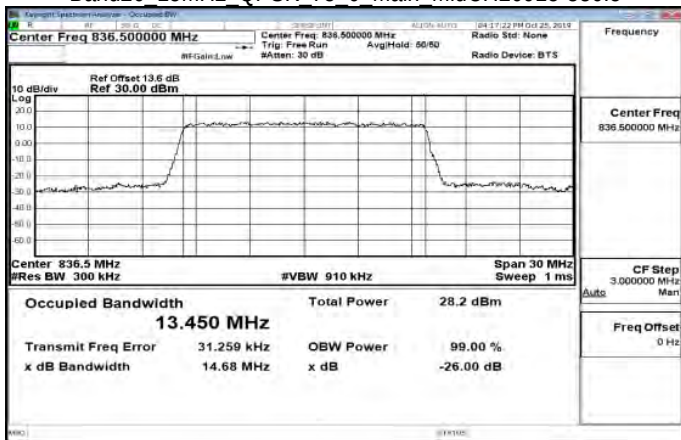
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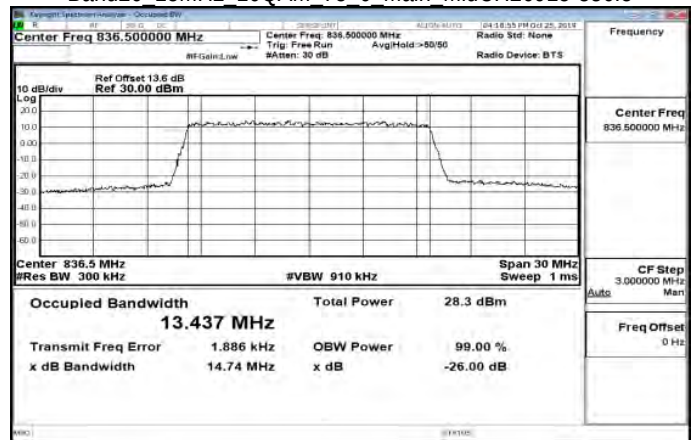
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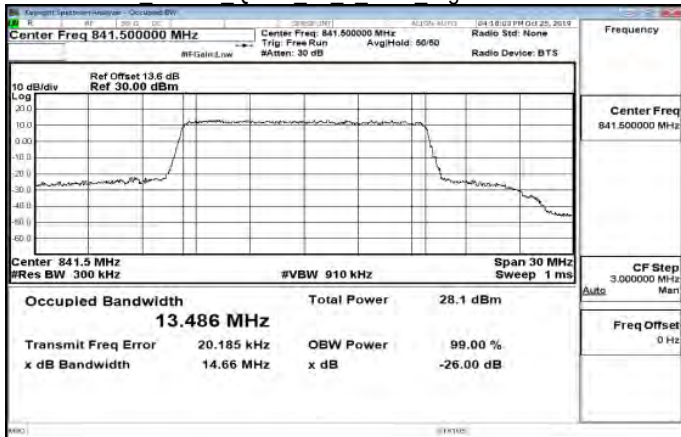
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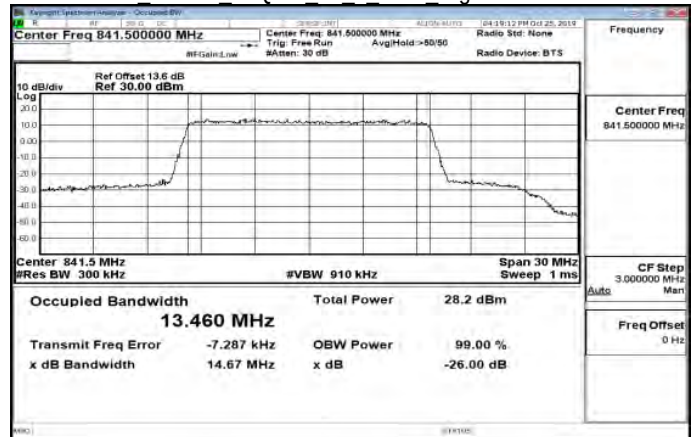
Band26 15MHz 16QAM 75 0 Main MidCH26915-836.5



Band26 15MHz QPSK 75 0 Main HighCH26965-841.5



Band26 15MHz 16QAM 75 0 Main HighCH26965-841.5



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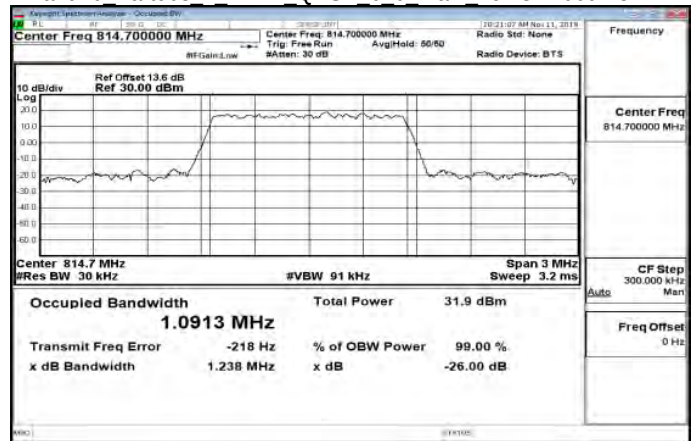
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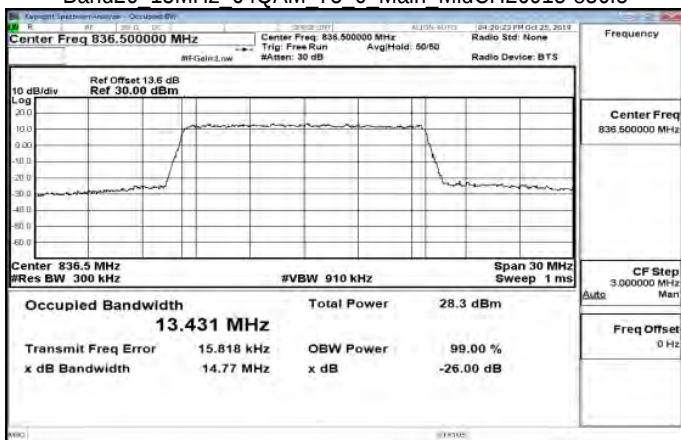
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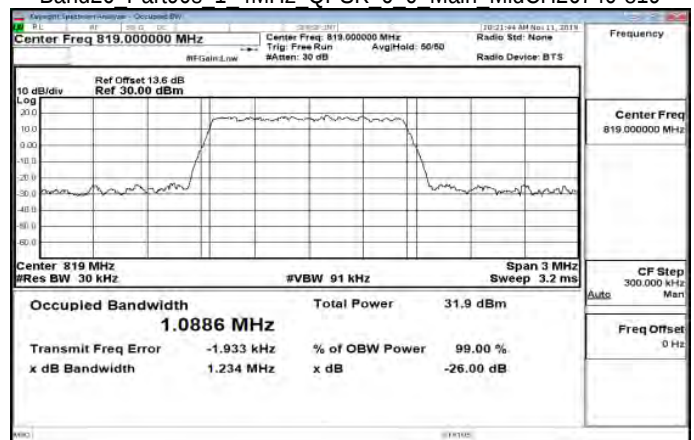
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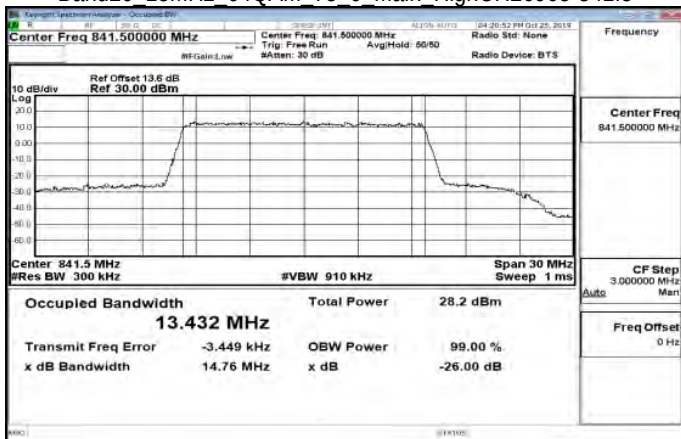
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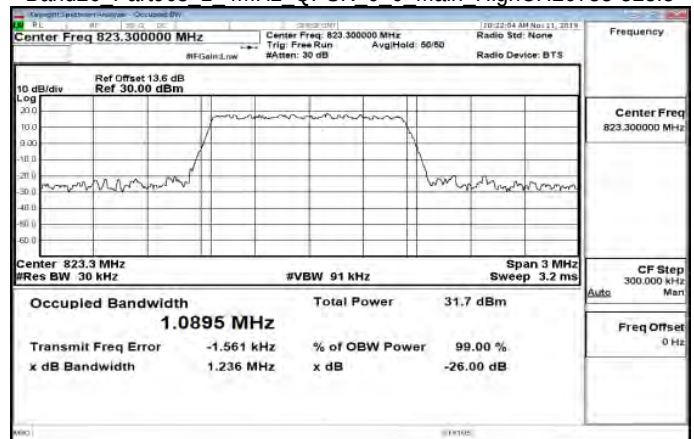
Band26 Part90s 1 4MHz QPSK 6 0 Main MidCH26740-819



Band26 15MHz 64QAM 75 0 Main HighCH26965-841.5



Band26 Part90s 1 4MHz QPSK 6 0 Main HighCH26783-823.3

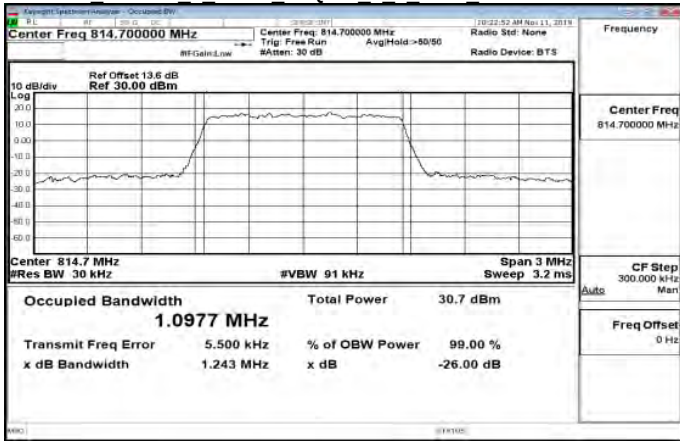


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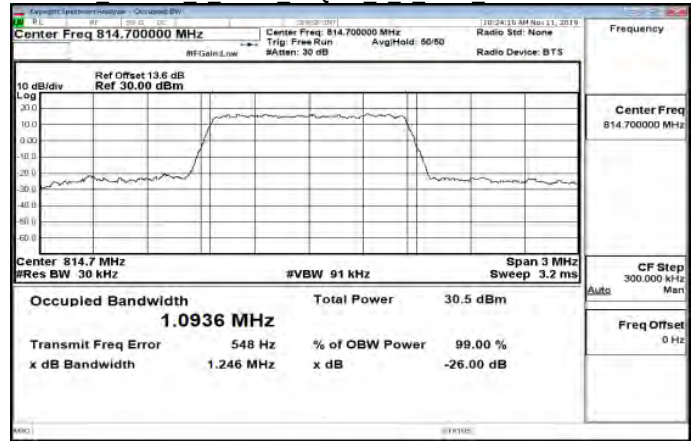
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Band26 Part90s 1 4MHz 64QAM 6 0 Main LowCH26697-814.7



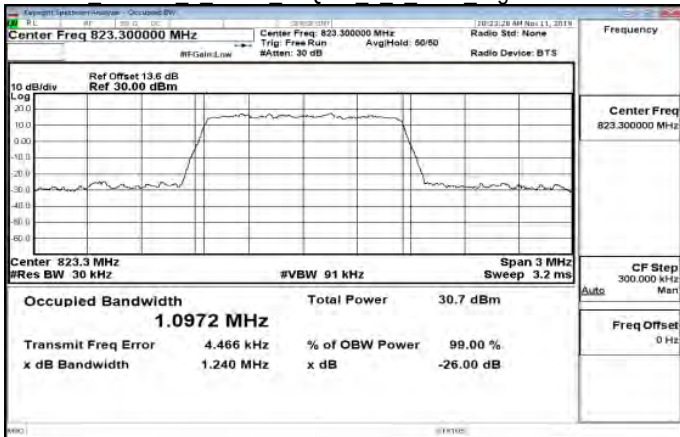
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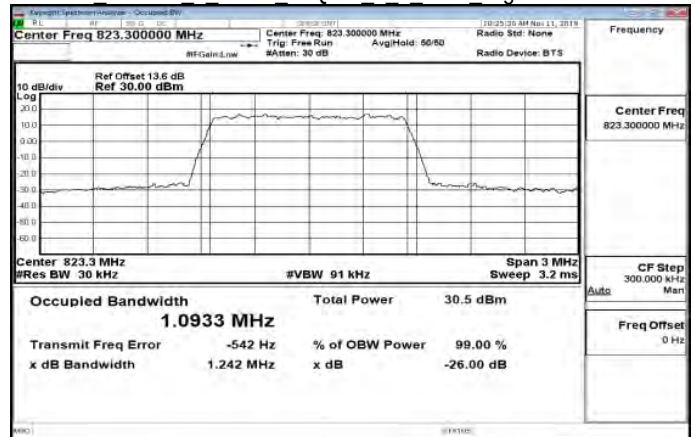
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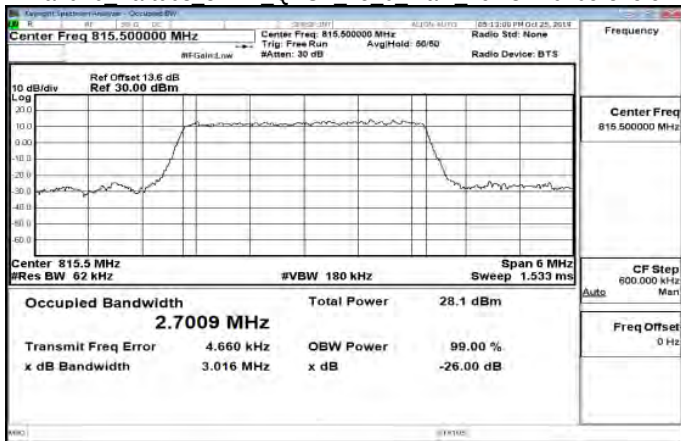


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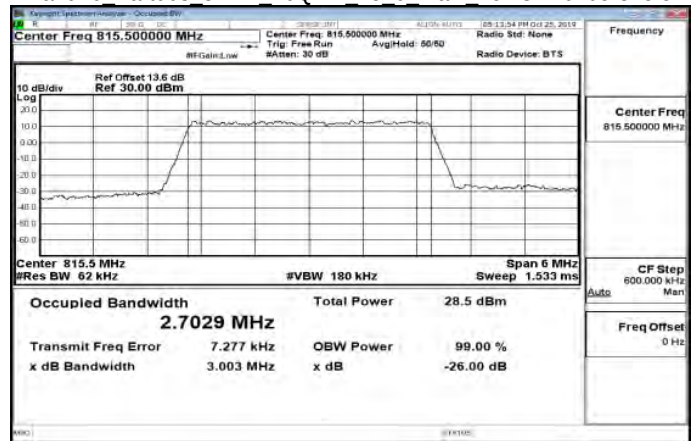
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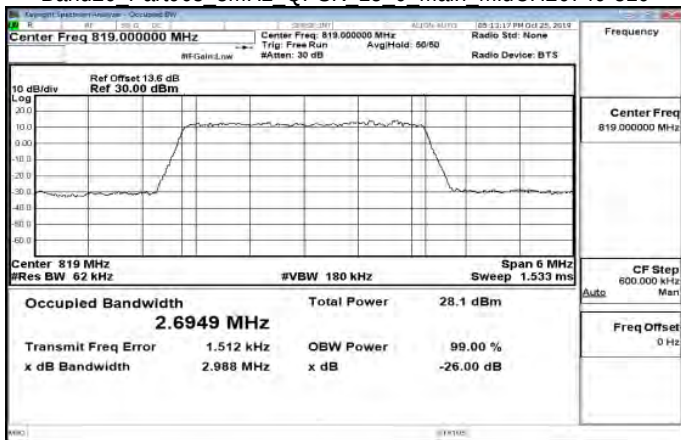
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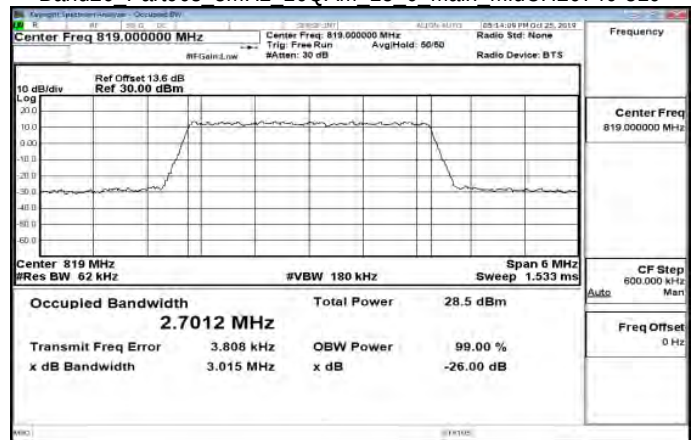
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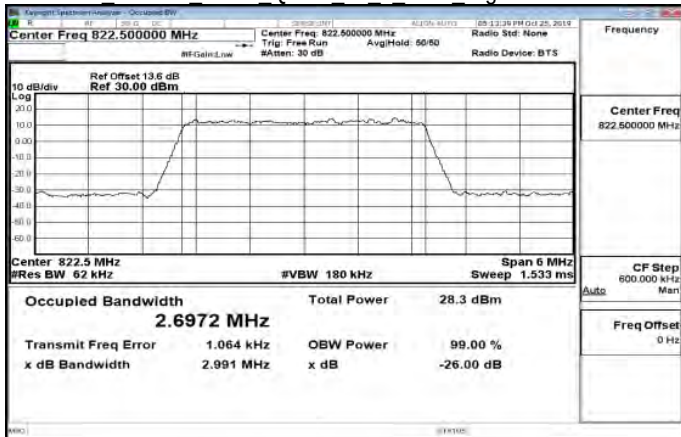
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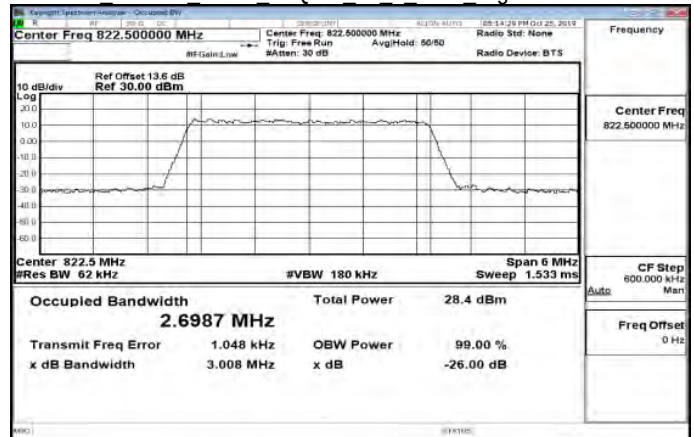
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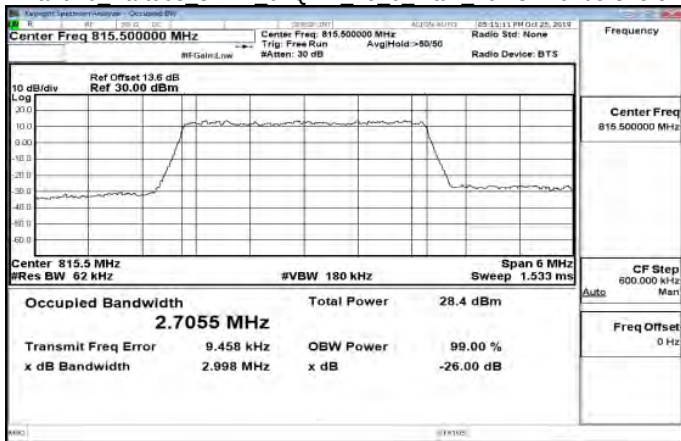


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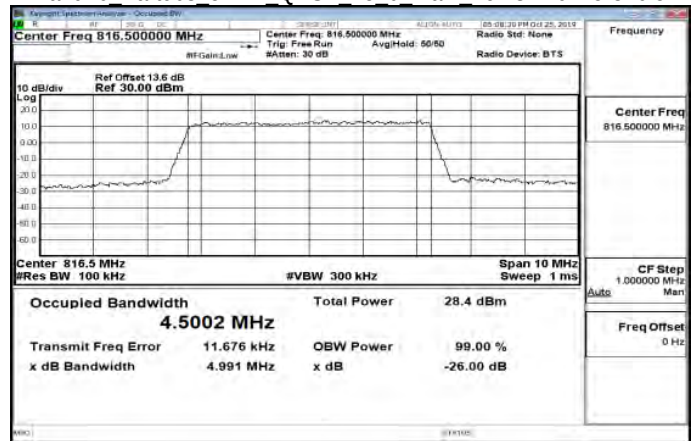
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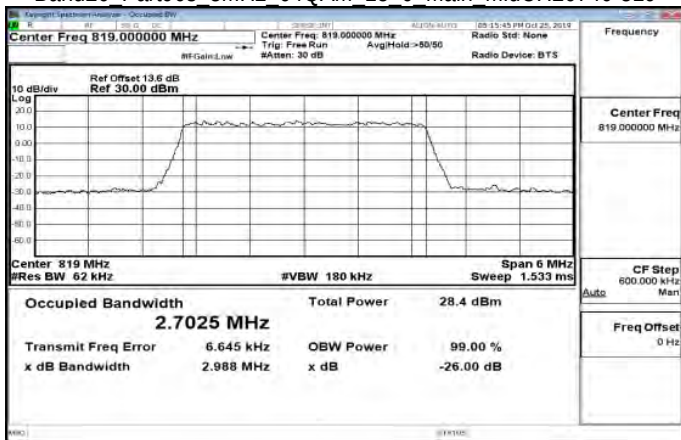
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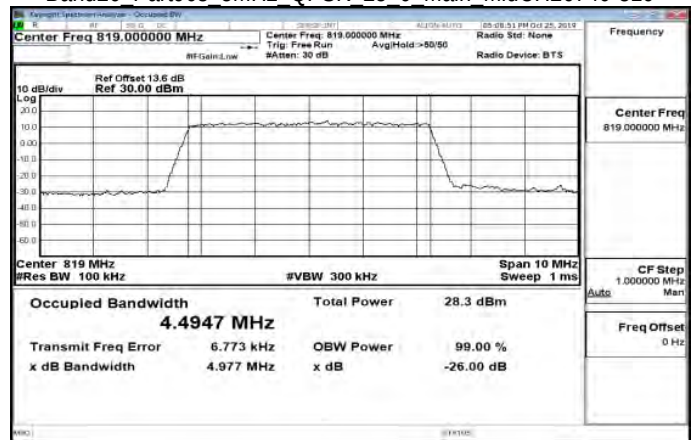
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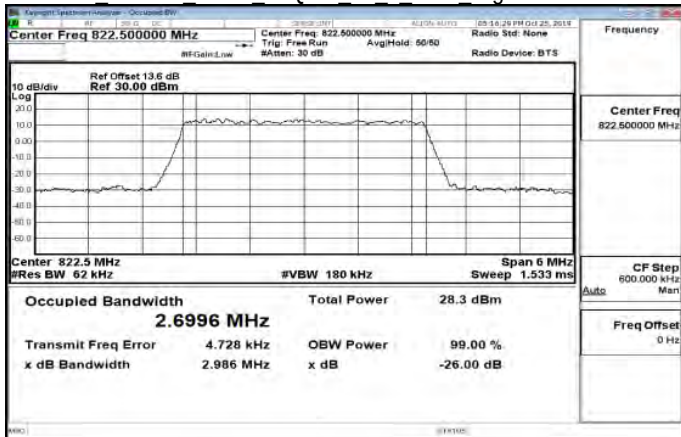
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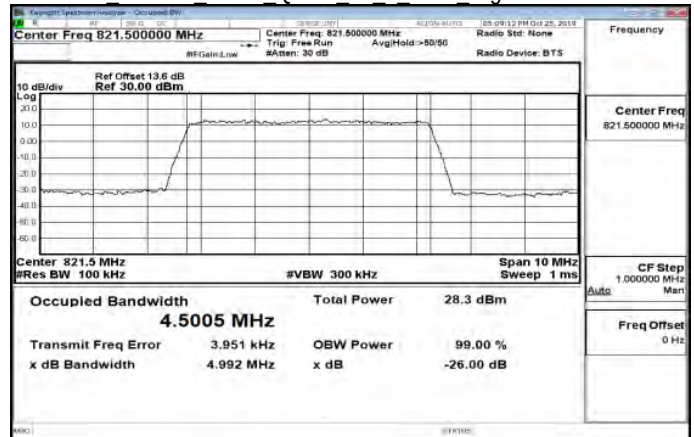
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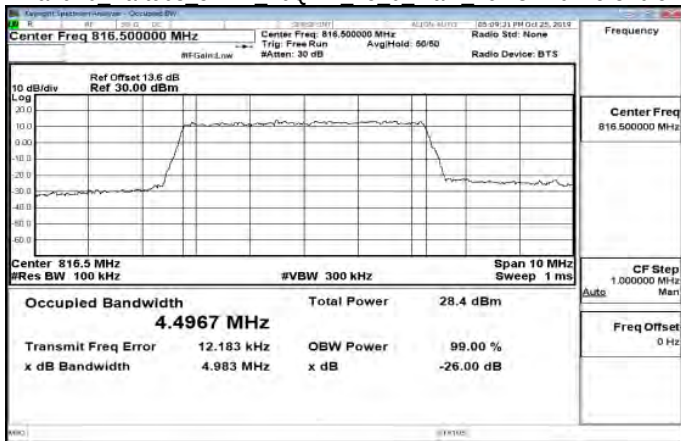


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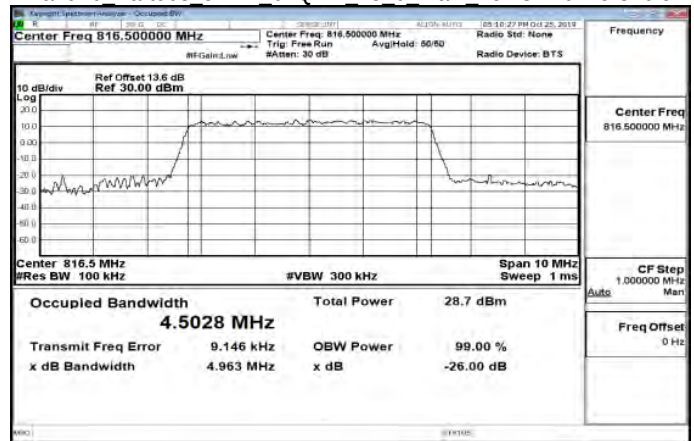
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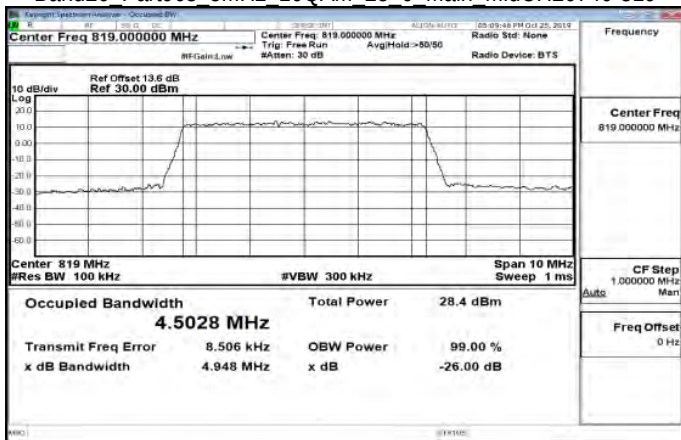
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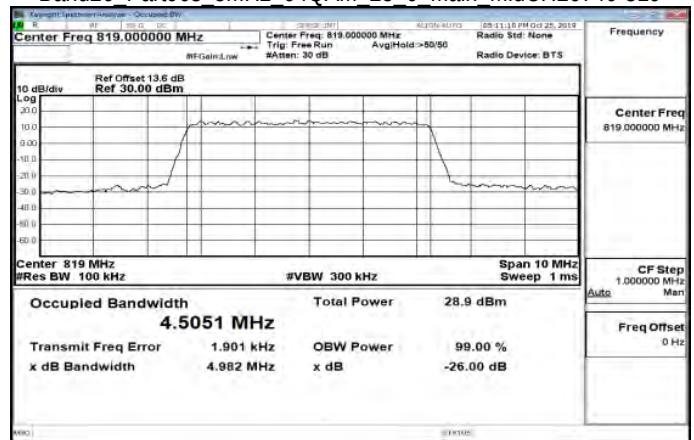
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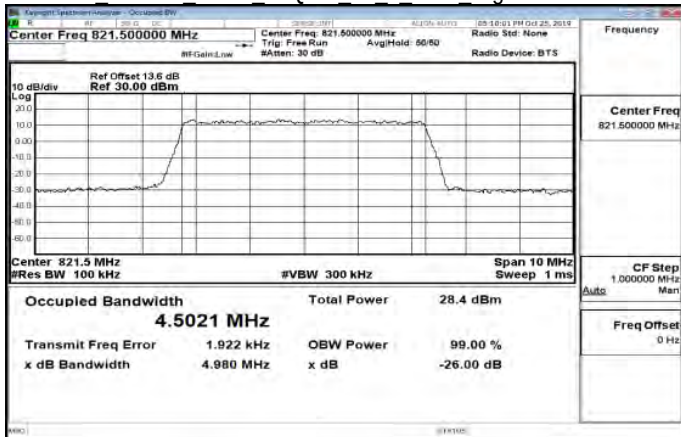
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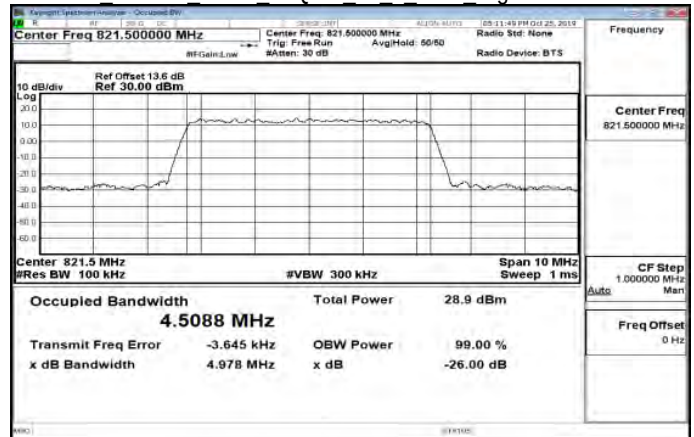
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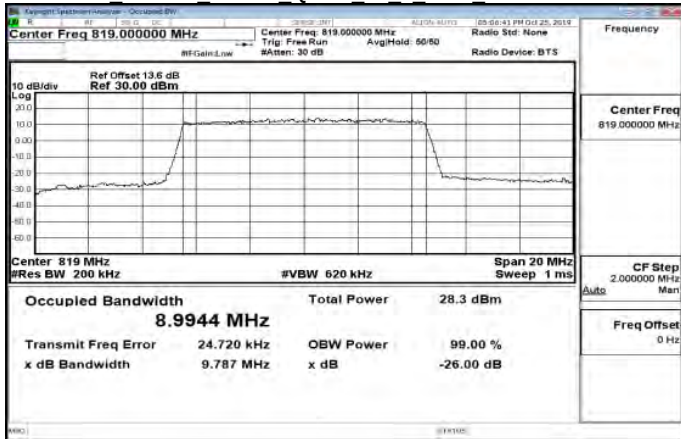


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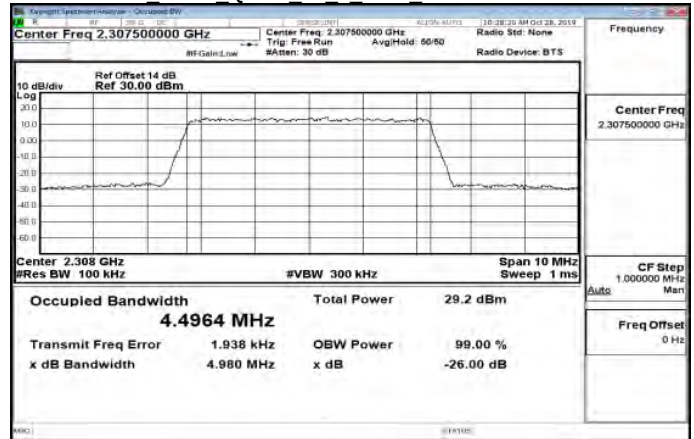
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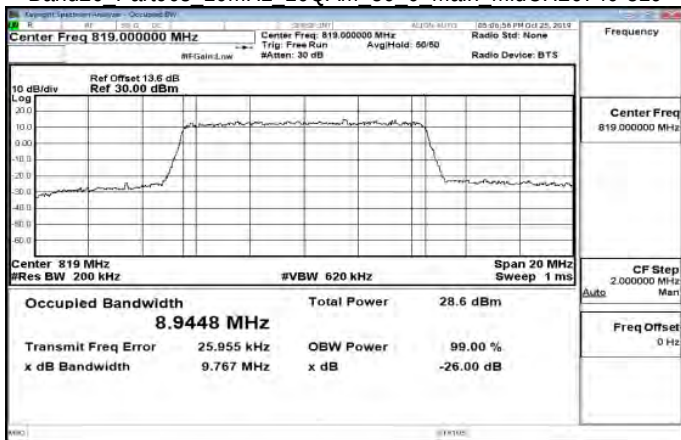
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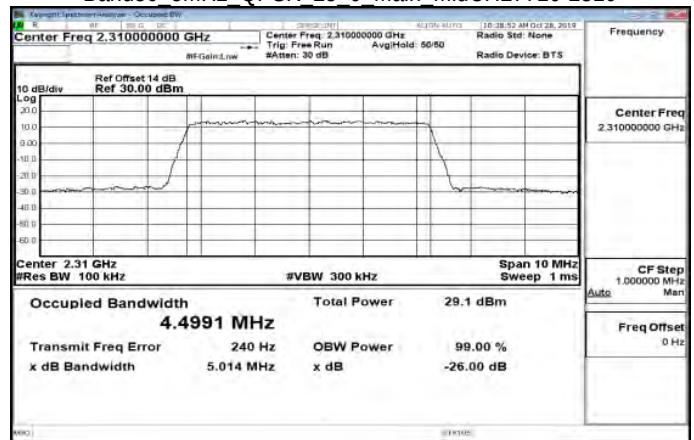
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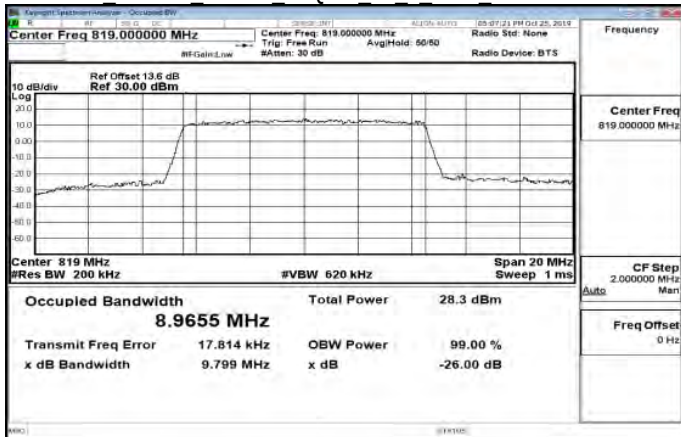
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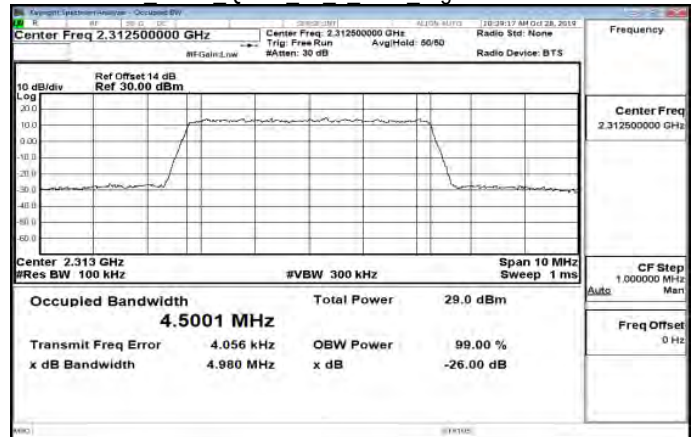
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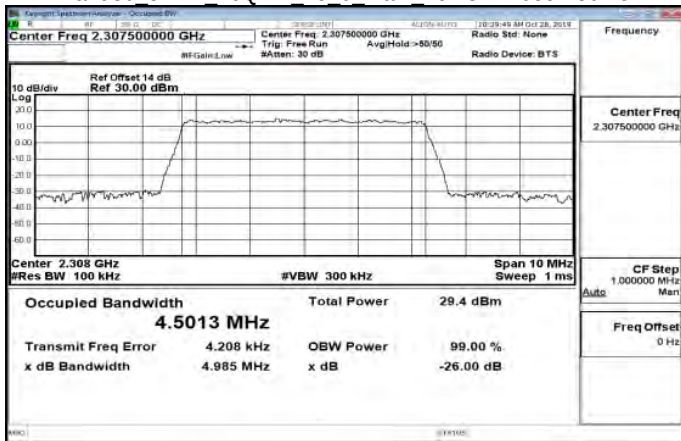


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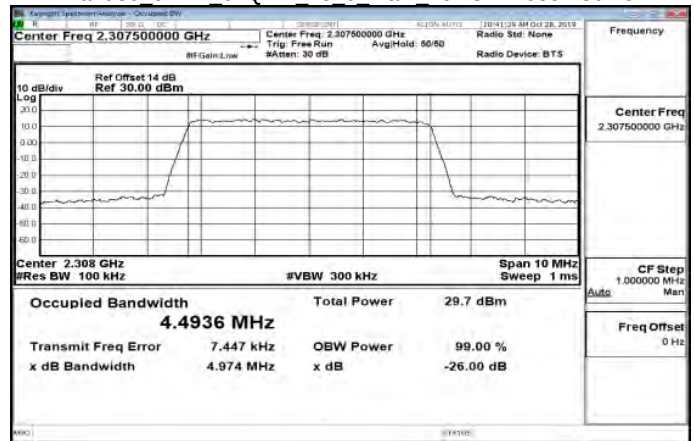
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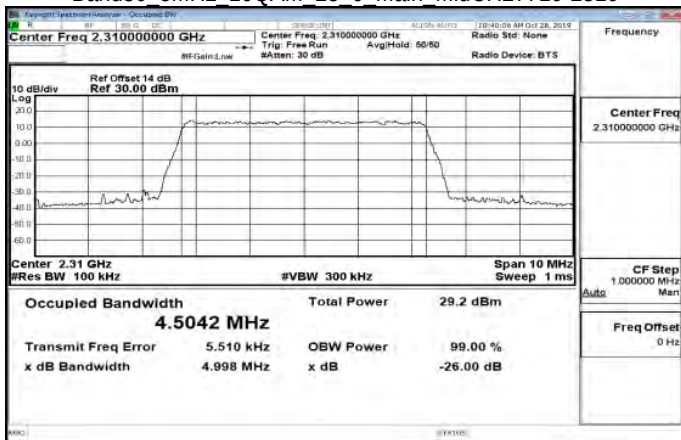
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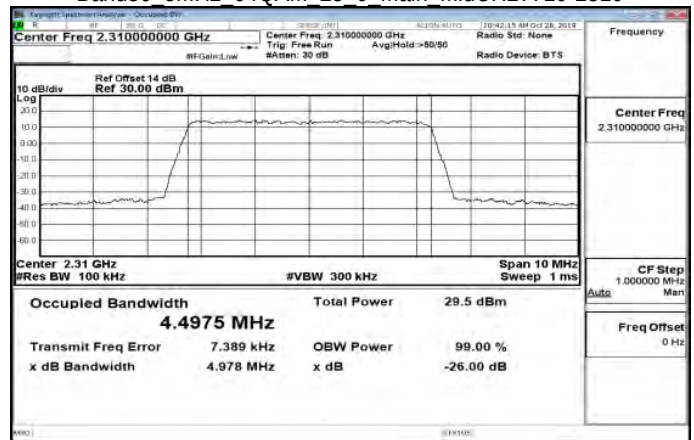
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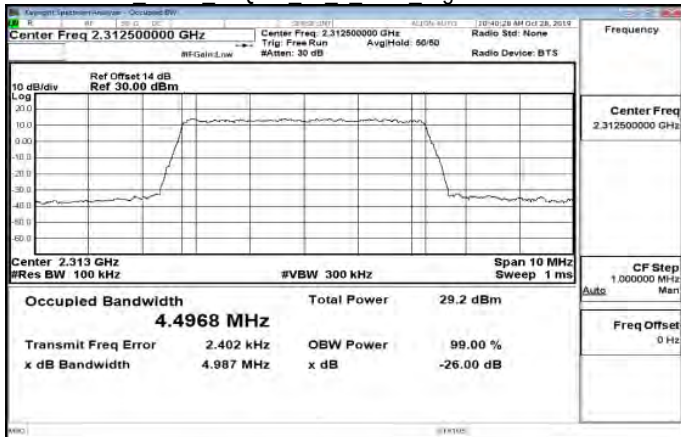
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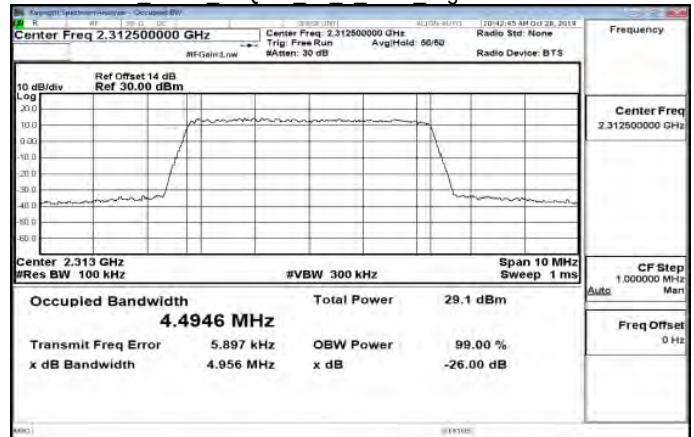
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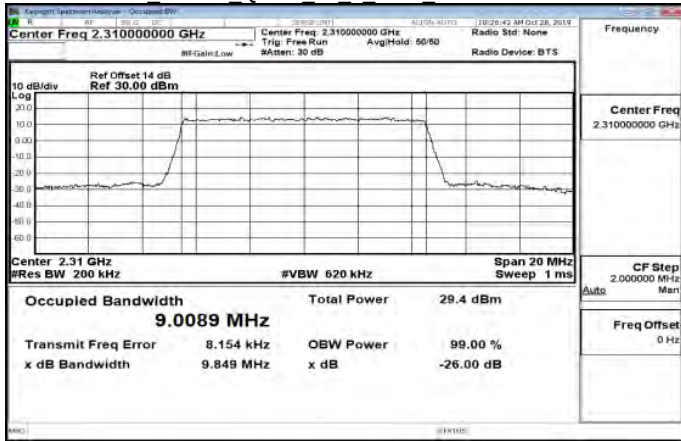


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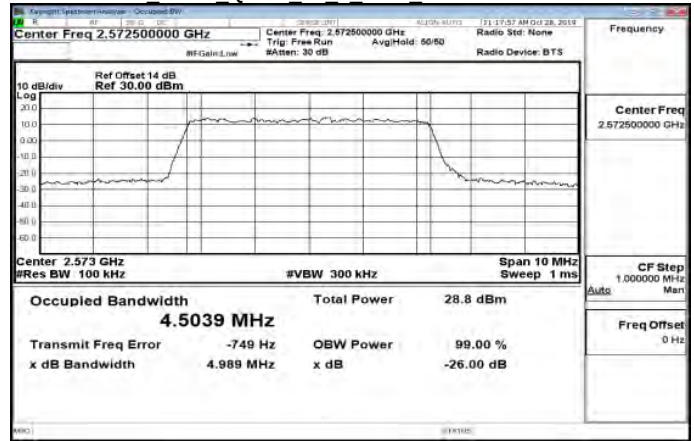
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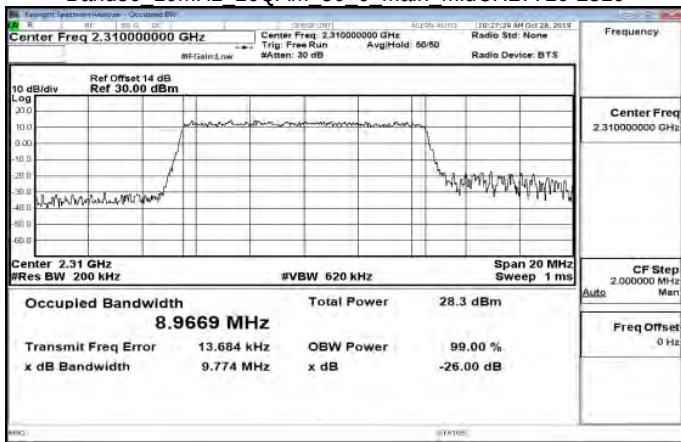
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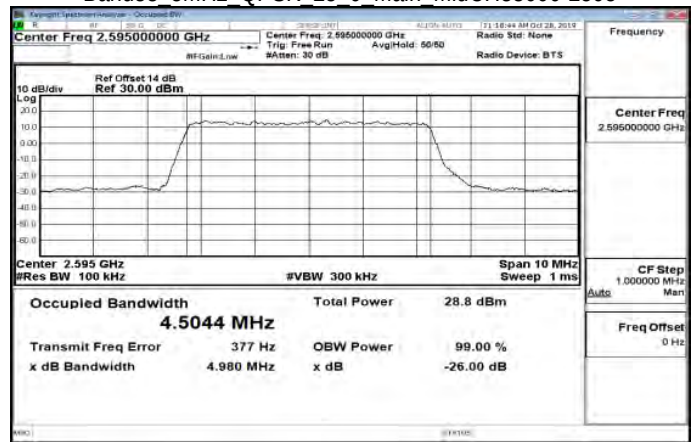
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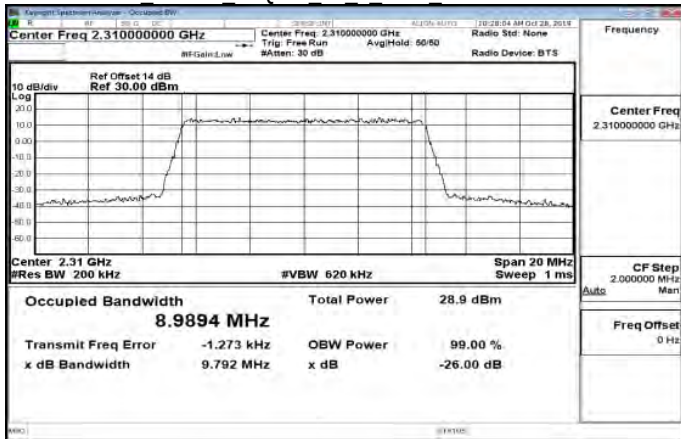
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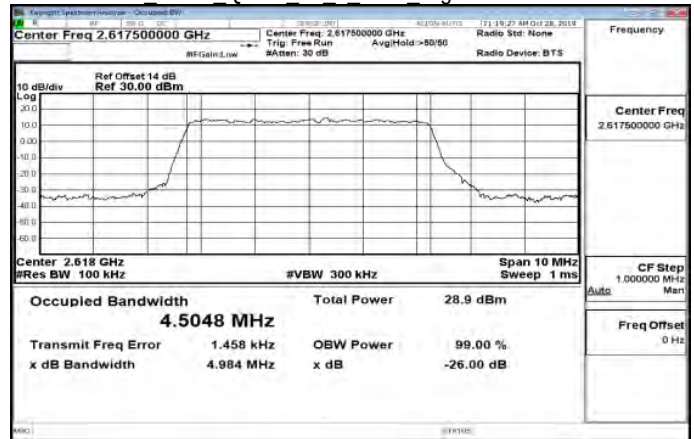
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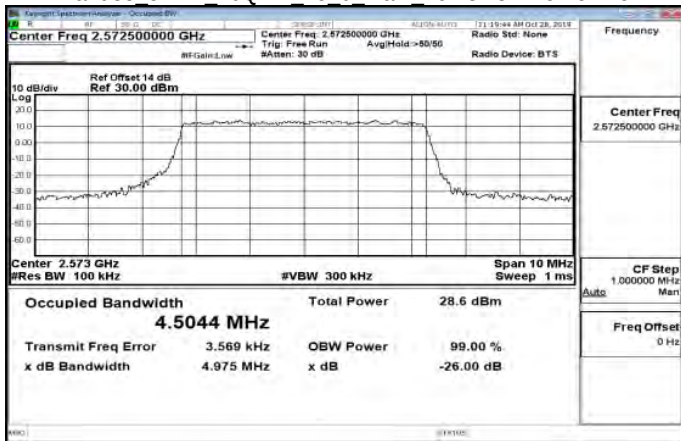


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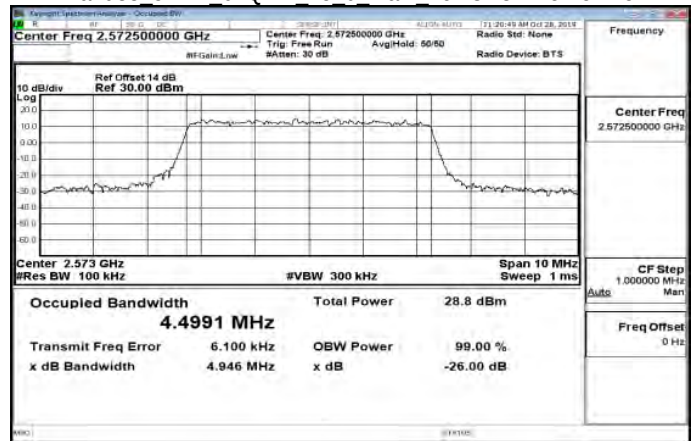
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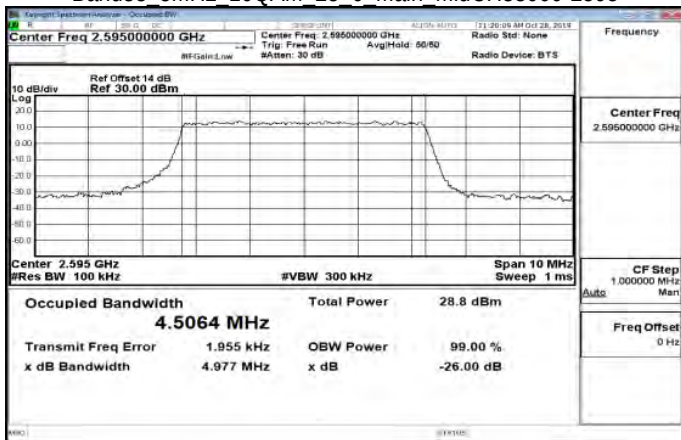
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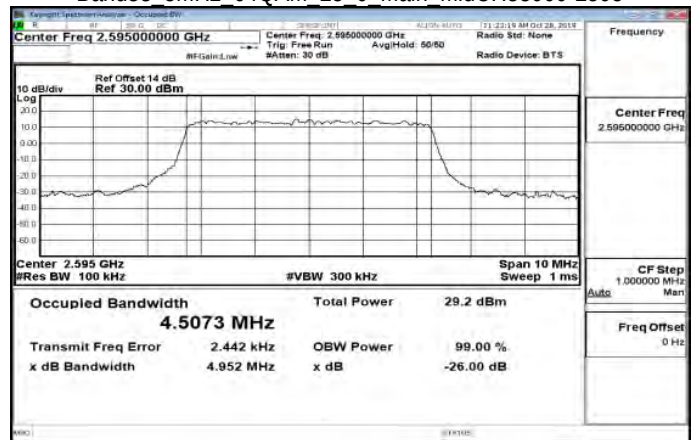
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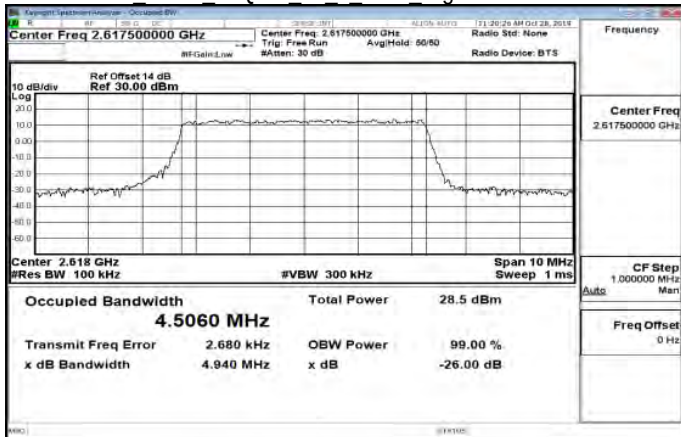
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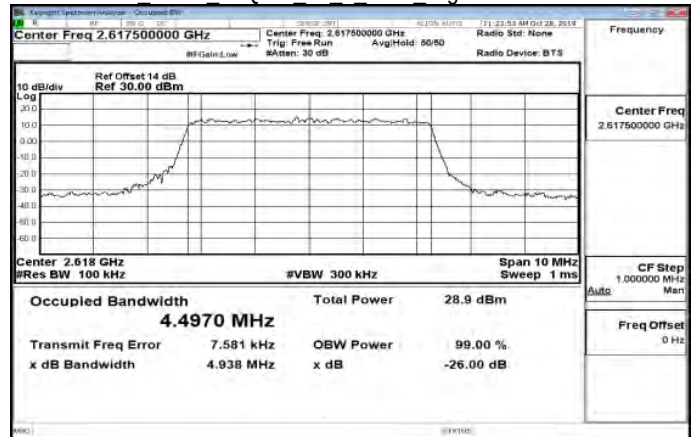
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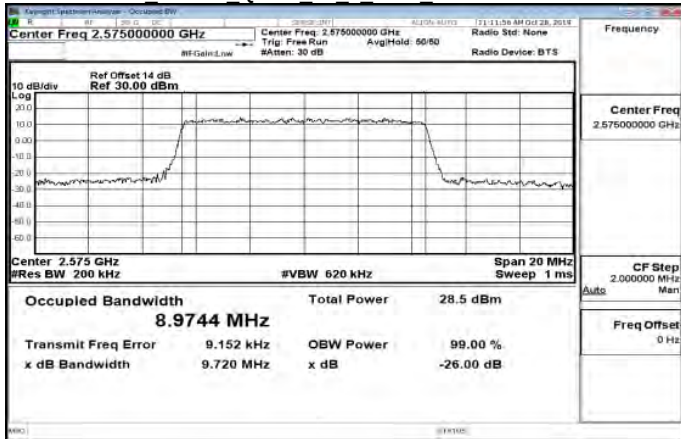


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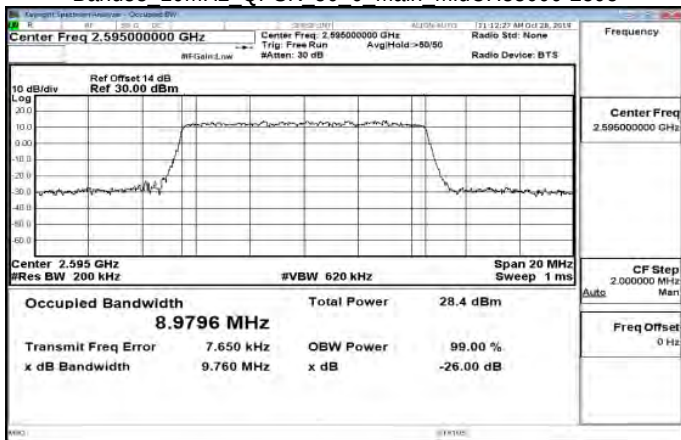
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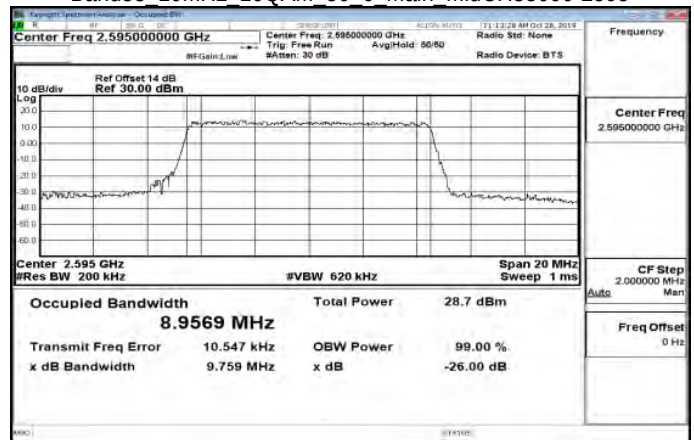
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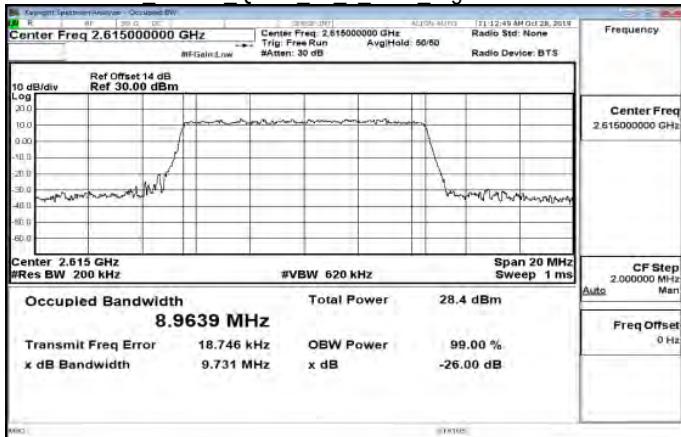
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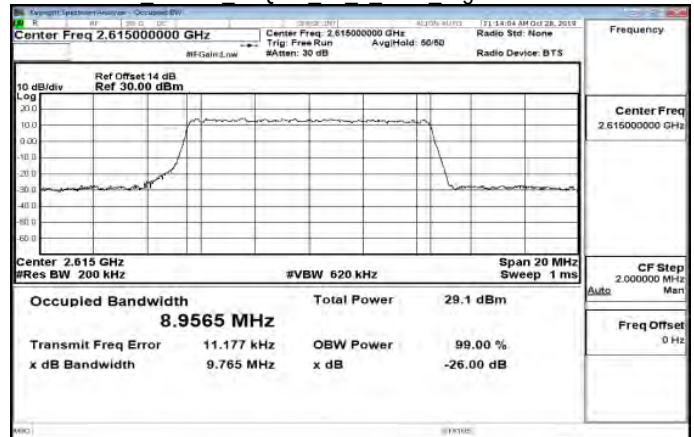
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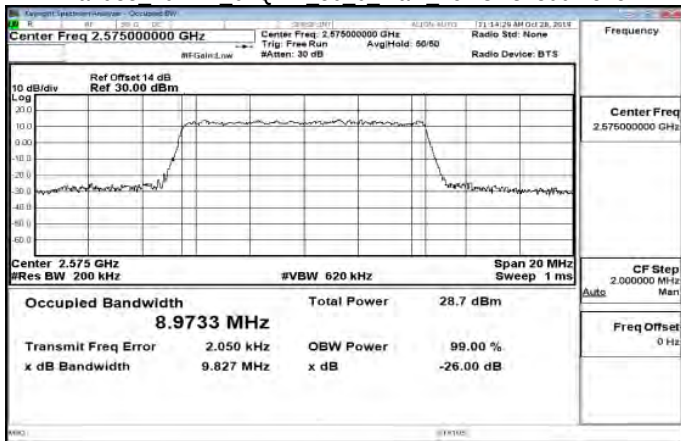


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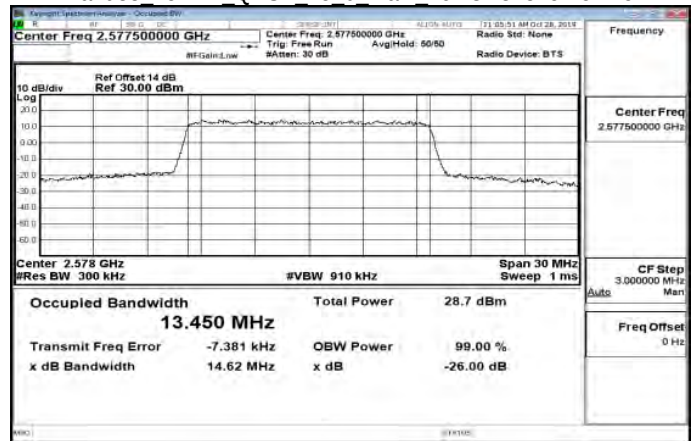
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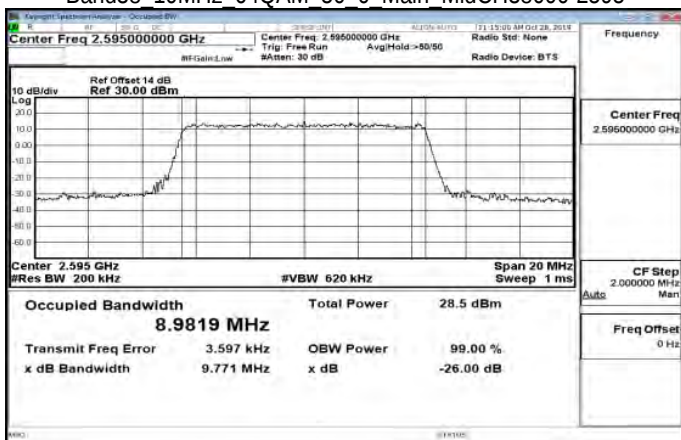
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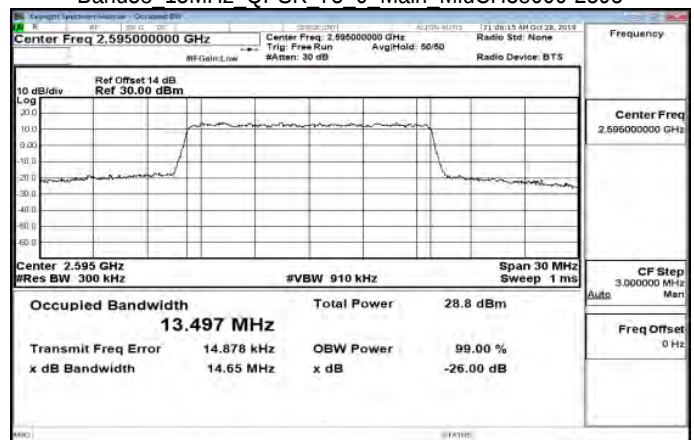
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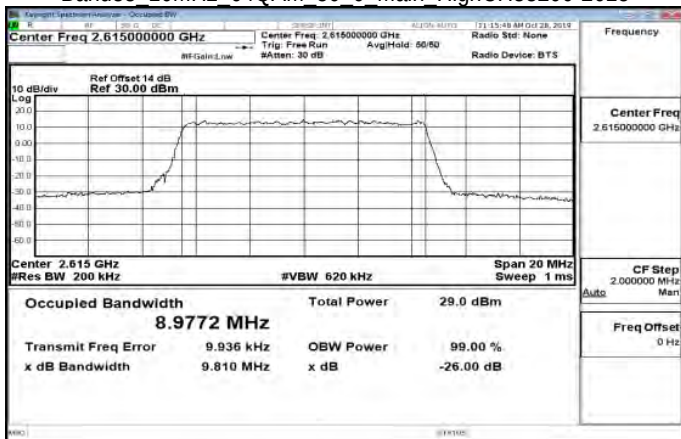
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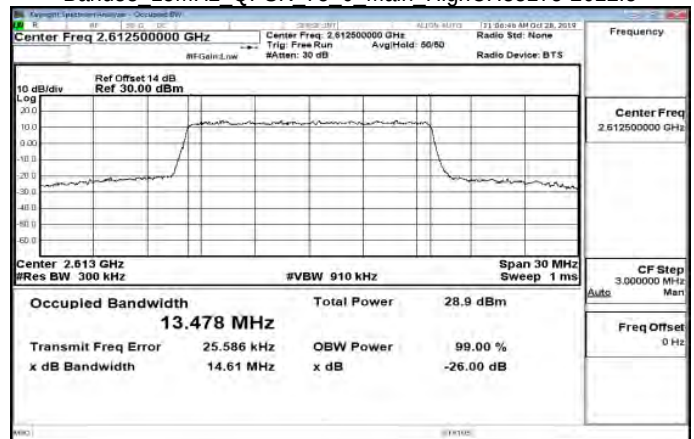
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Band38 10MHz 64QAM 50 0 Main HighCH38200-2615



Band38 15MHz QPSK 75 0 Main HighCH38175-2612.5

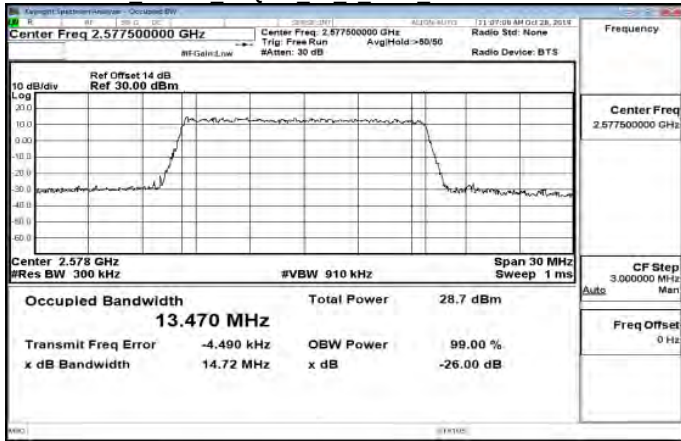


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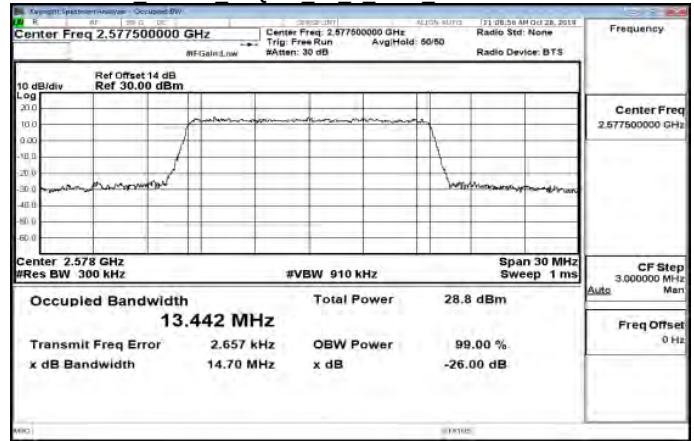
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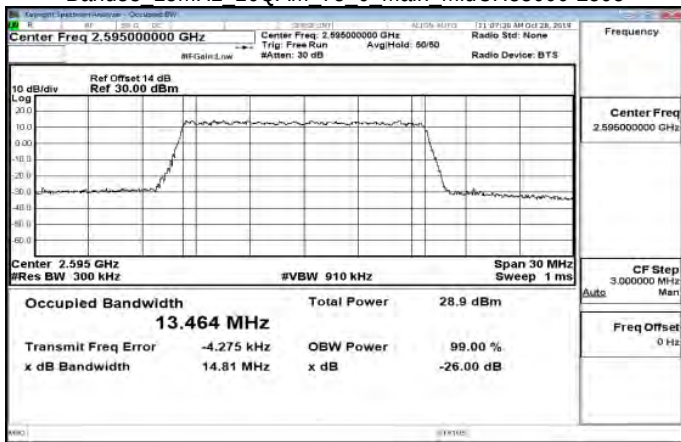
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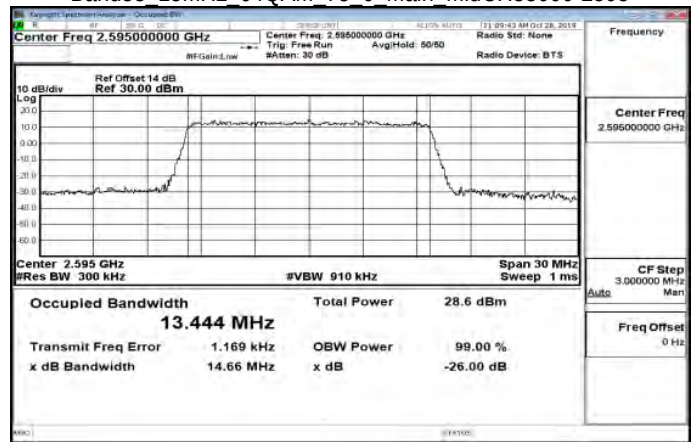
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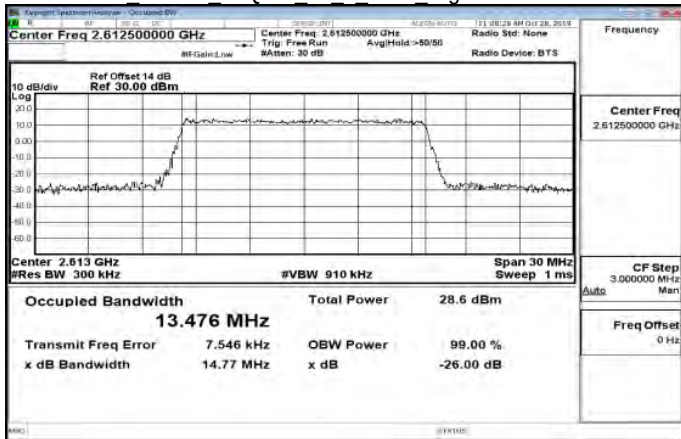
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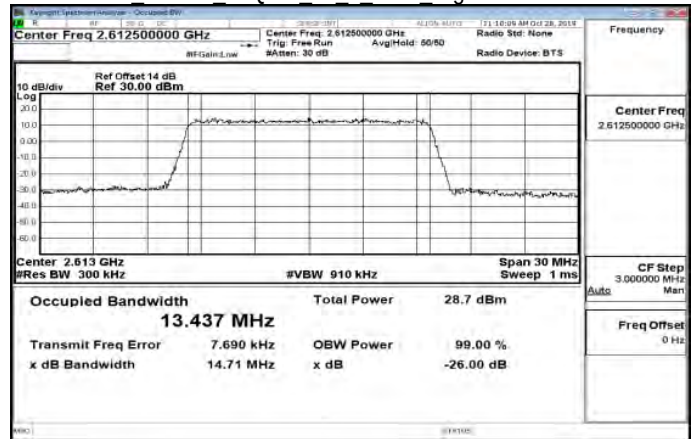
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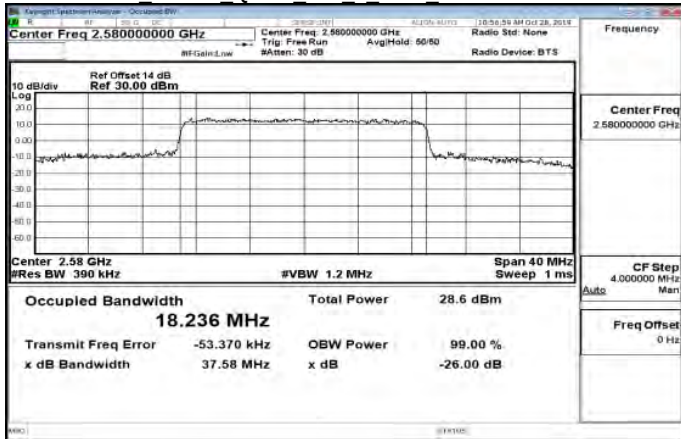


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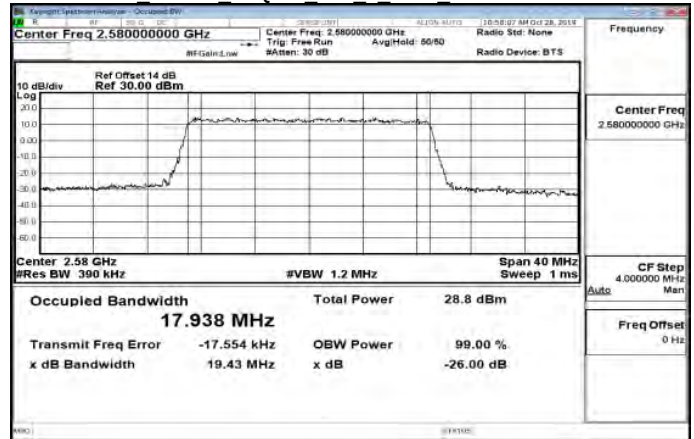
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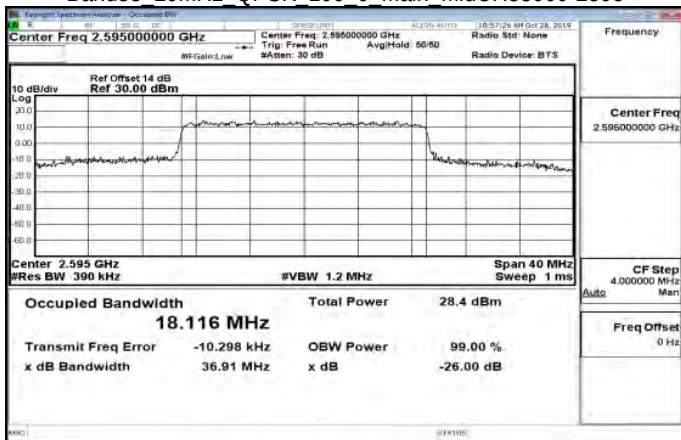
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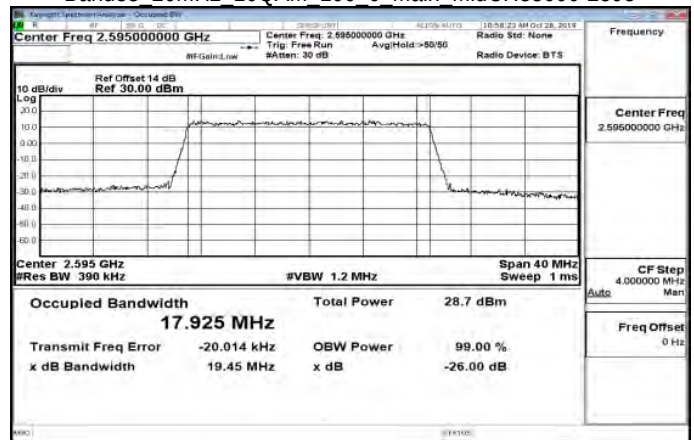
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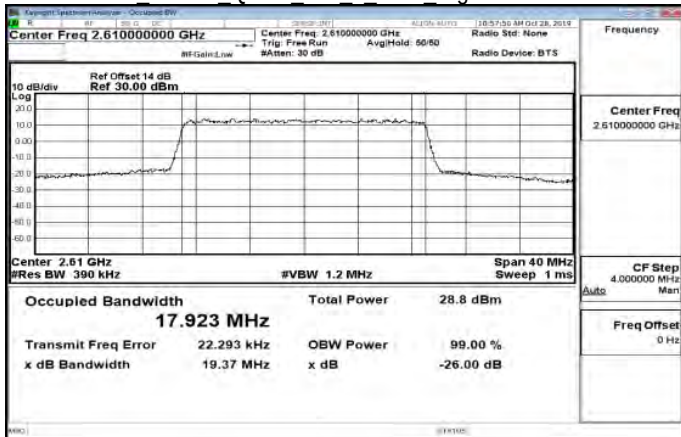
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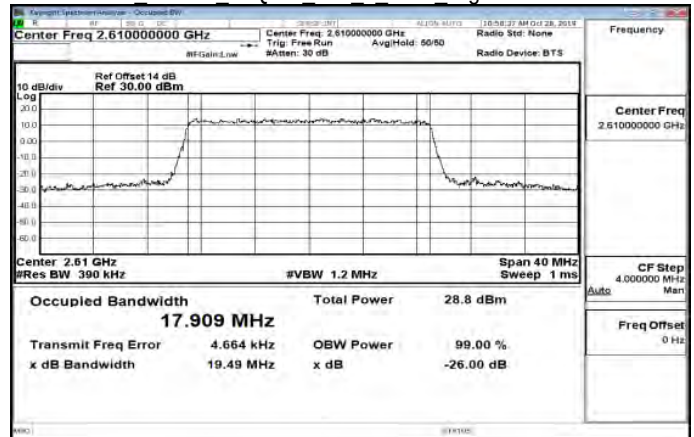
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Band38 20MHz 16QAM 100 0 Main HighCH38150-2610

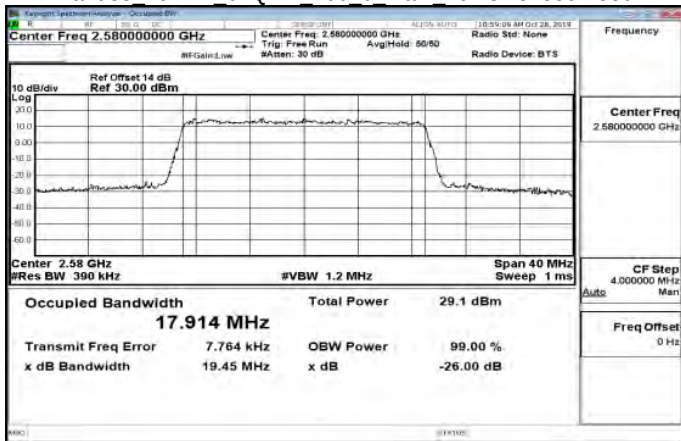


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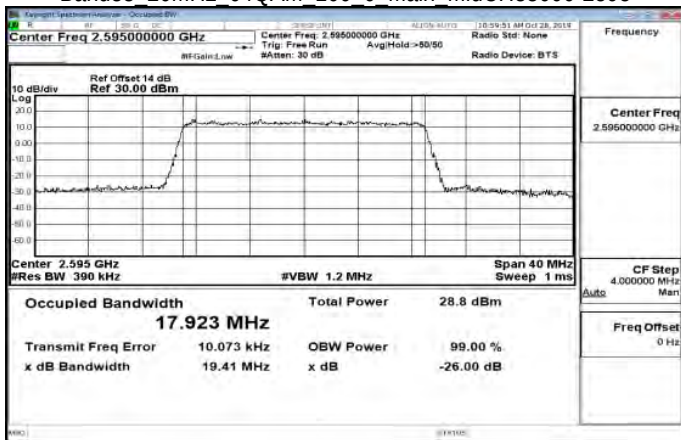
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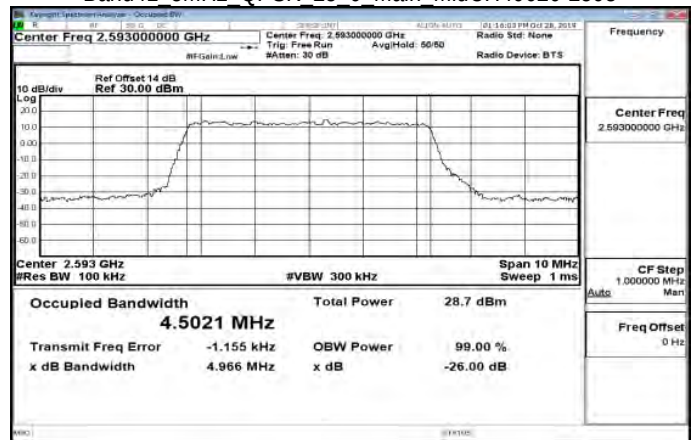
Band41 5MHz QPSK 25 0 Main LowCH39675-2498.5



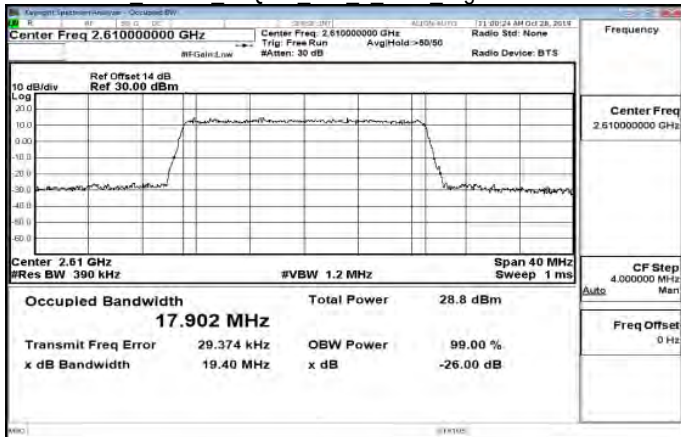
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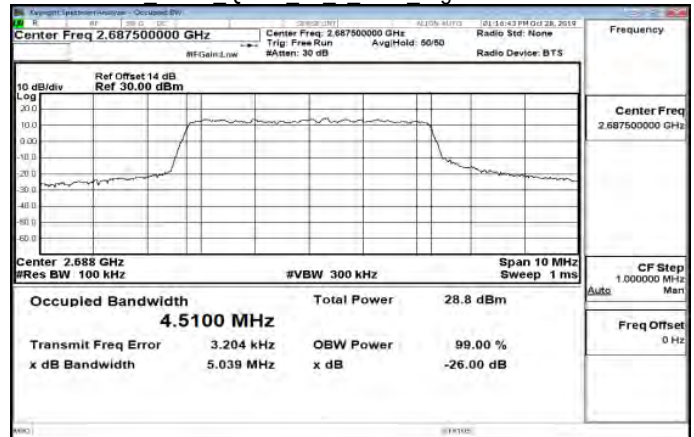
Band41 5MHz QPSK 25 0 Main MidCH40620-2593



Band38 20MHz 64QAM 100 0 Main HighCH38150-2610



Band41 5MHz QPSK 25 0 Main HighCH41565-2687.5

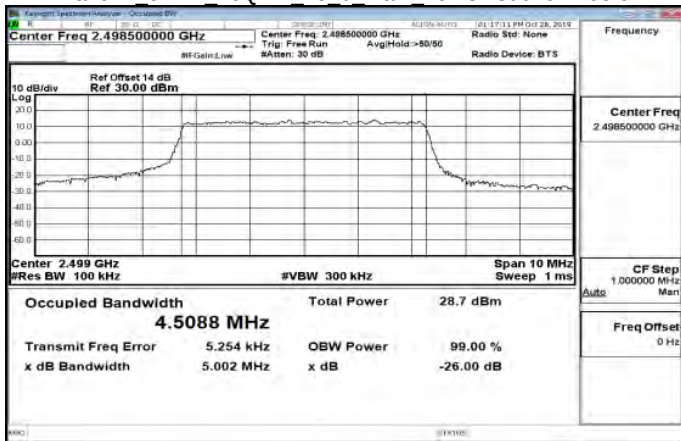


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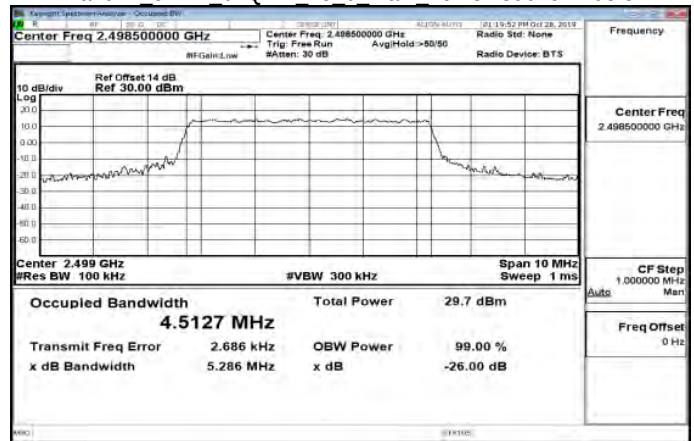
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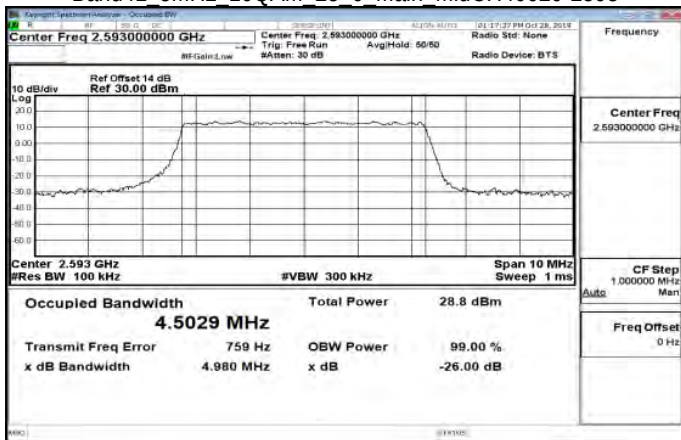
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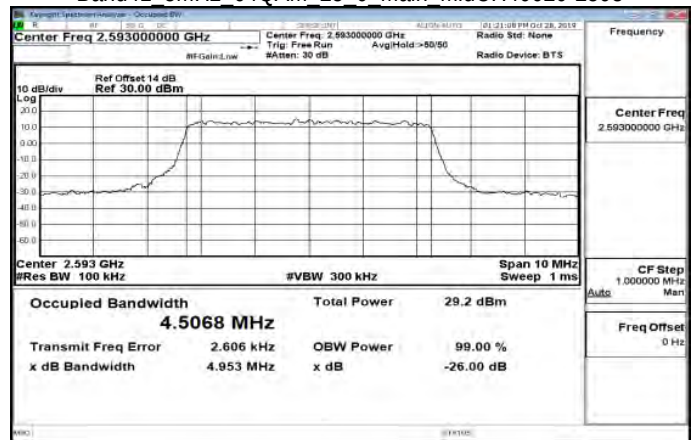
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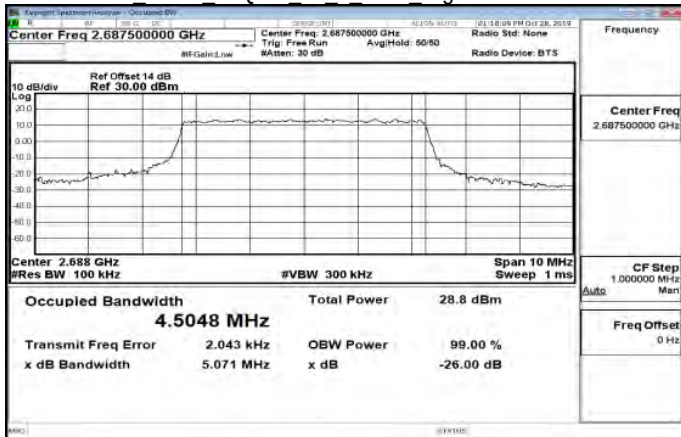
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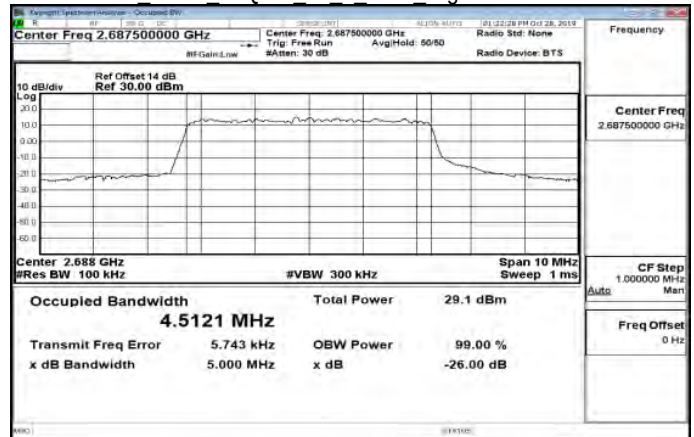
Band41 5MHz 64QAM 25 0 Main MidCH40620-2593



Band41 5MHz 16QAM 25 0 Main HighCH41565-2687.5



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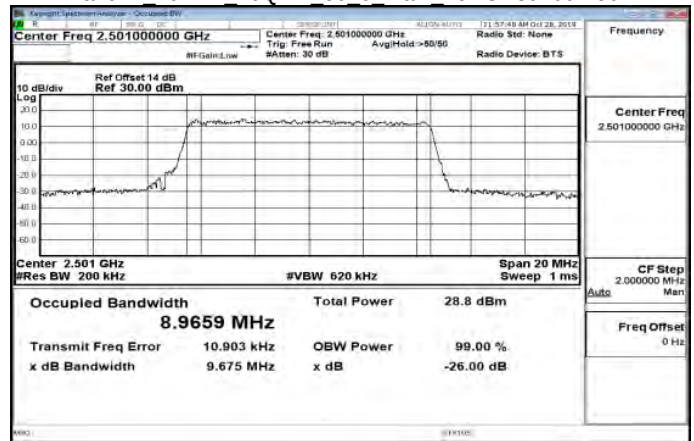
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Band41 10MHz QPSK 50 0 Main LowCH39700-2501



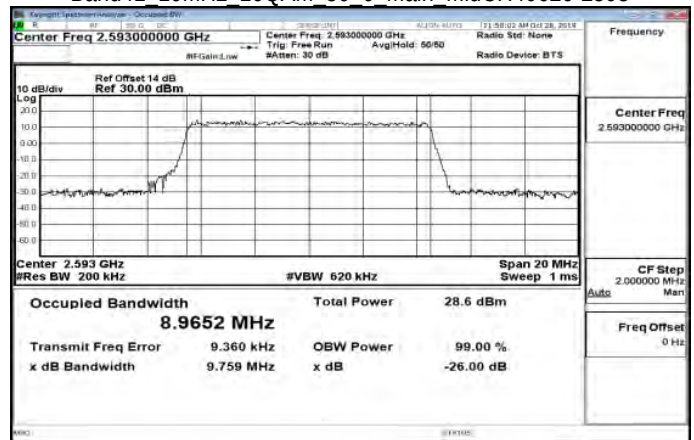
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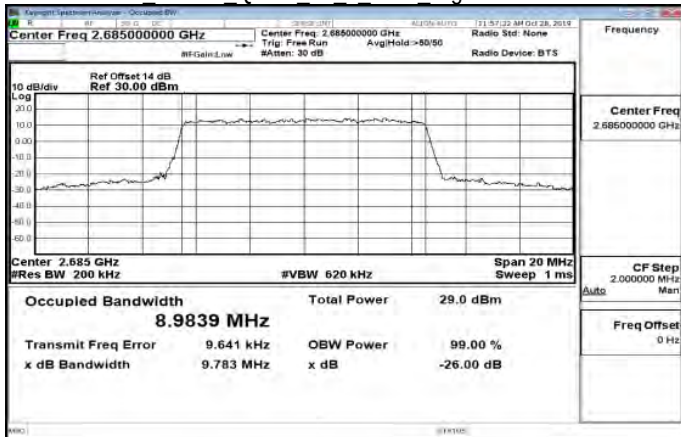
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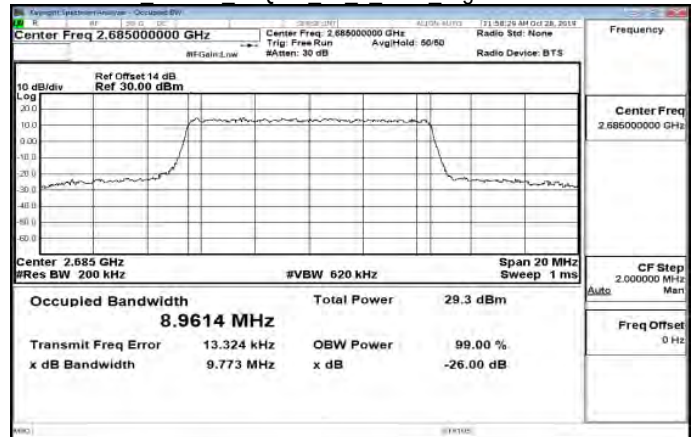
Band41 10MHz 16QAM 50 0 Main MidCH40620-2593



Band41 10MHz QPSK 50 0 Main HighCH41540-2685



Band41 10MHz 16QAM 50 0 Main HighCH41540-2685

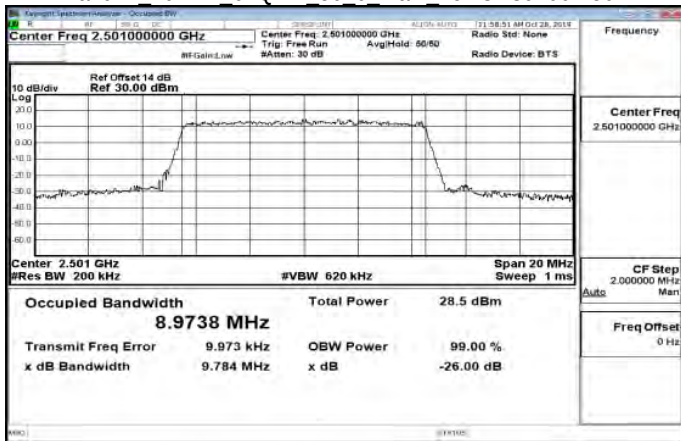


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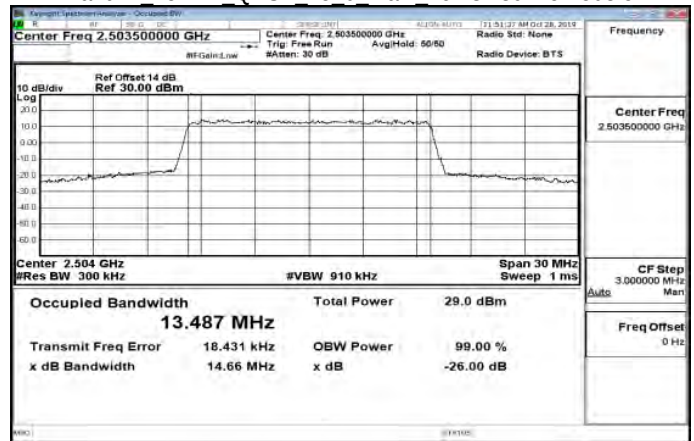
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Band41 10MHz 64QAM 50 0 Main LowCH39700-2501



Band41 15MHz QPSK 75 0 Main LowCH39725-2503.5



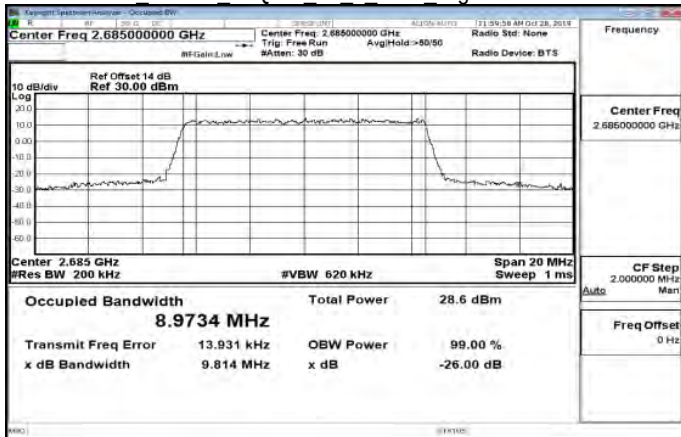
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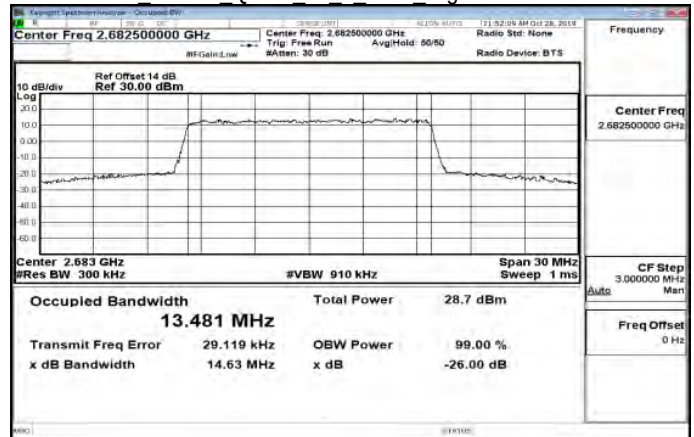
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Band41 15MHz QPSK 75 0 Main HighCH41515-2682.5

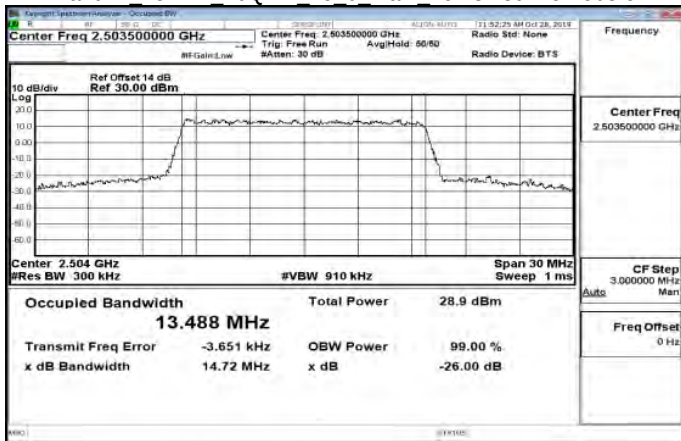


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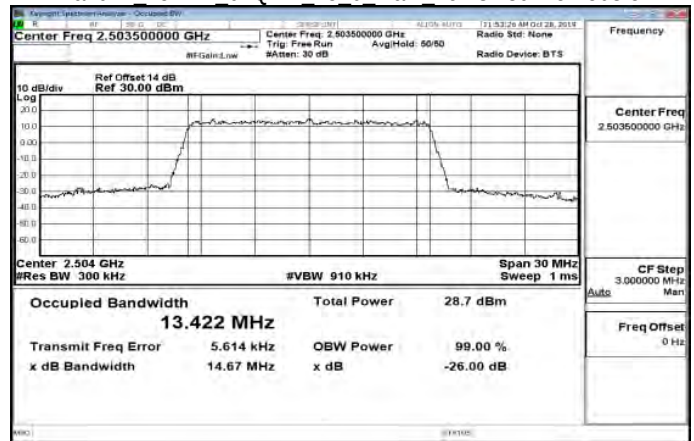
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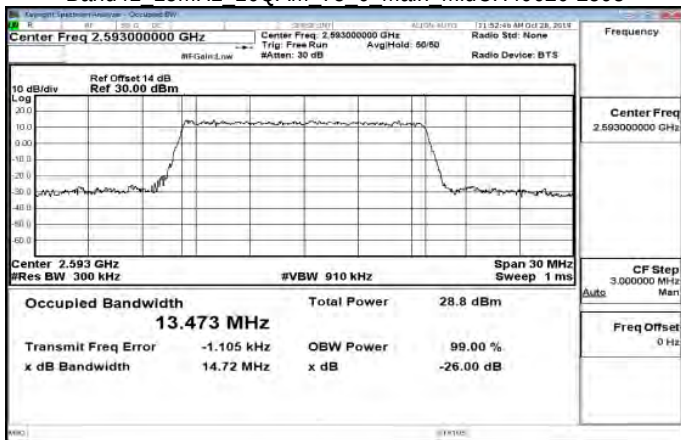
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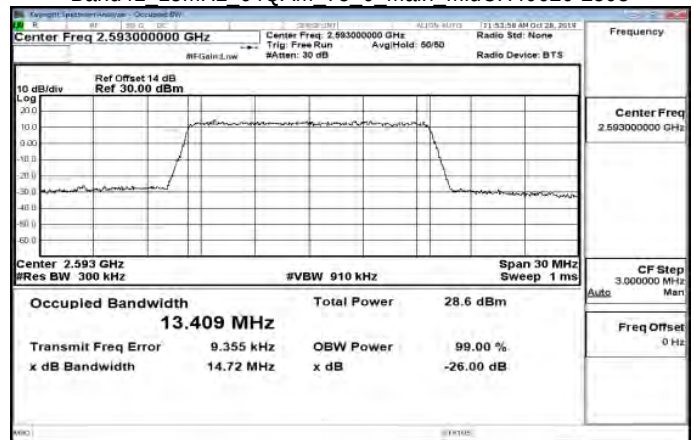
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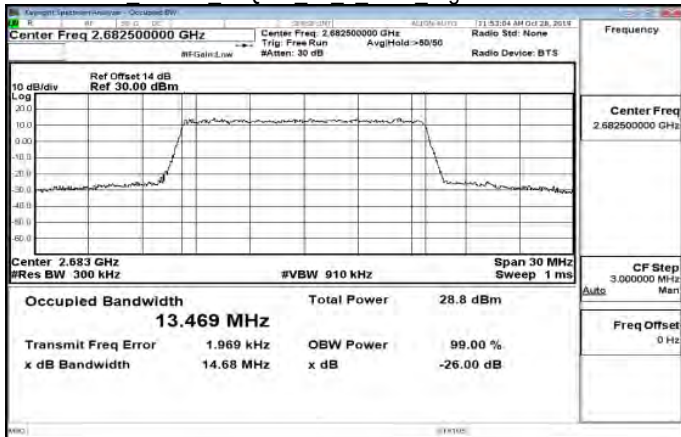
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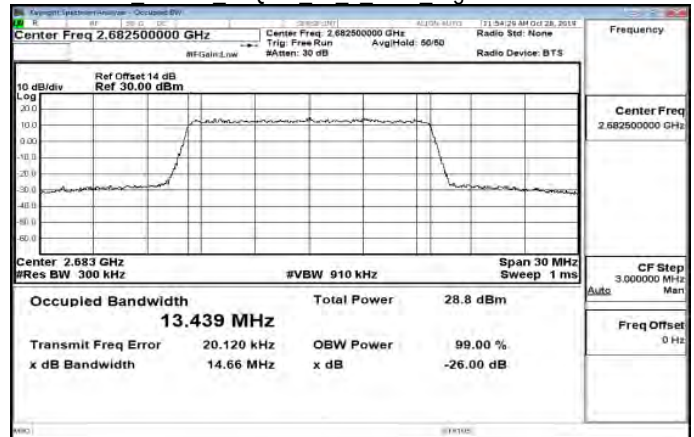
Band41 15MHz 64QAM 75 0 Main MidCH40620-2593



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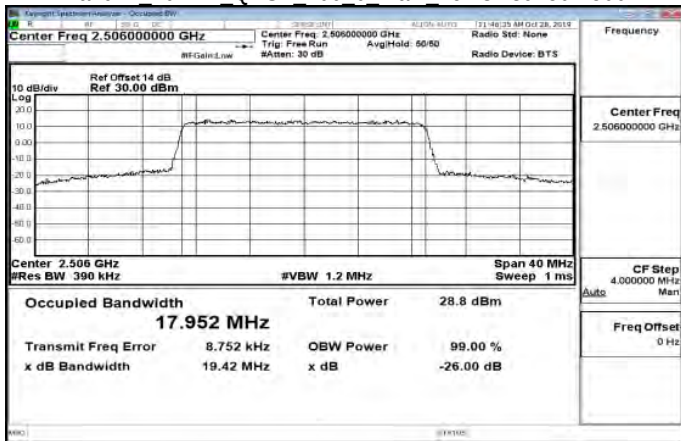


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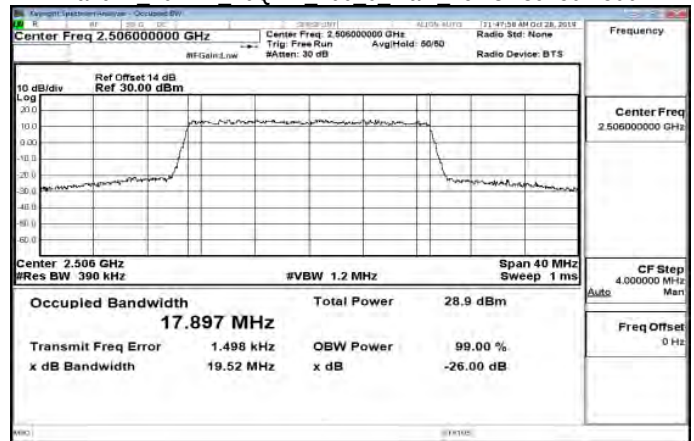
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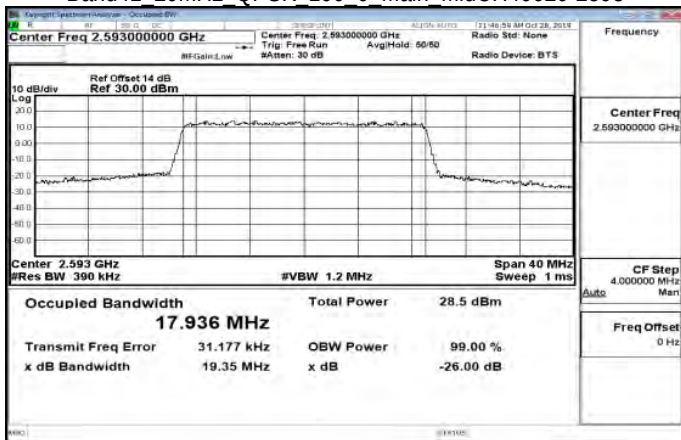
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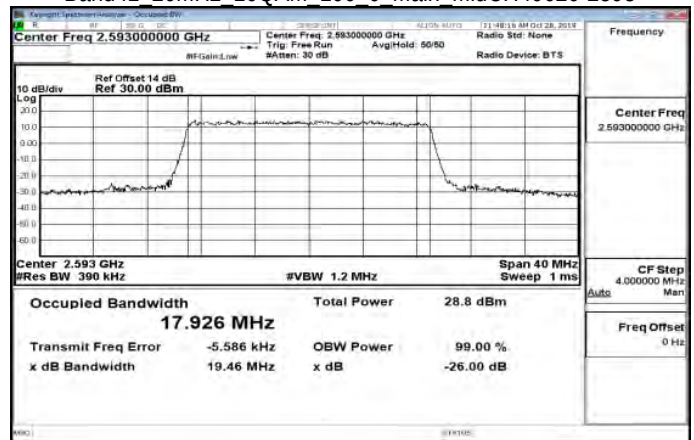
Band41 20MHz 16QAM 100 0 Main LowCH39750-2506



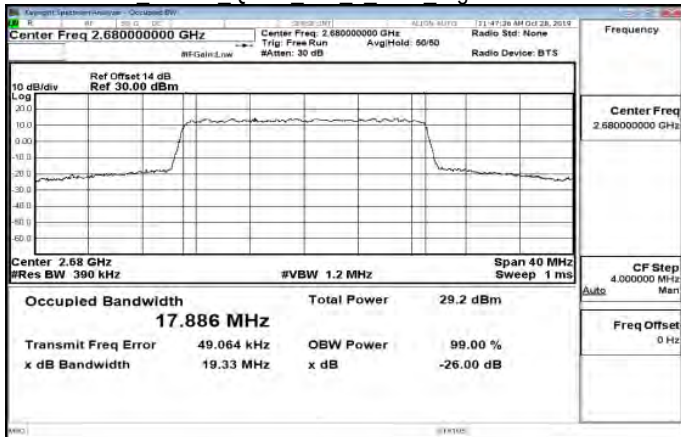
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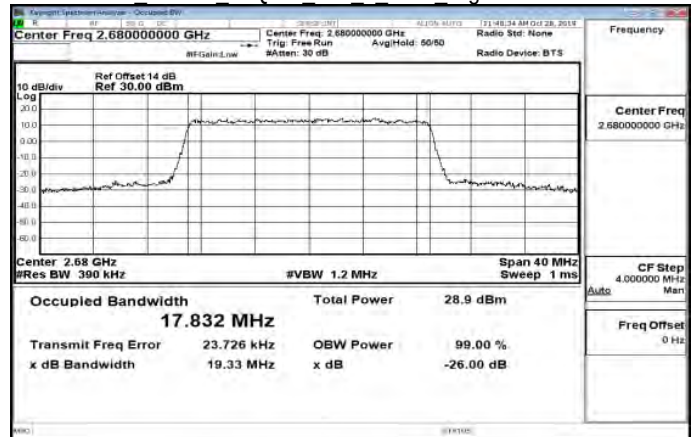
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Band41 20MHz QPSK 100 0 Main HighCH41490-2680



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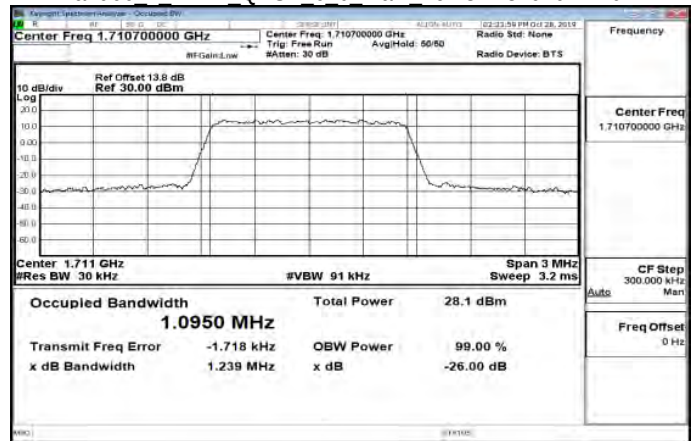
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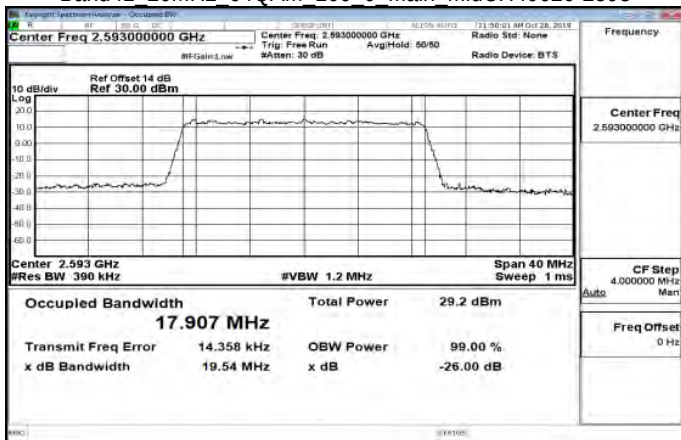
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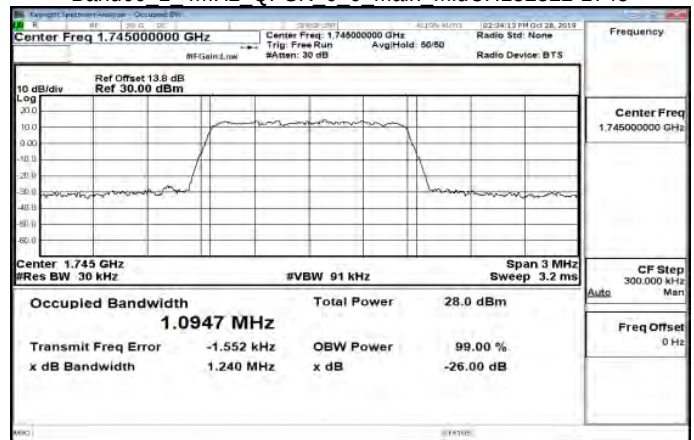
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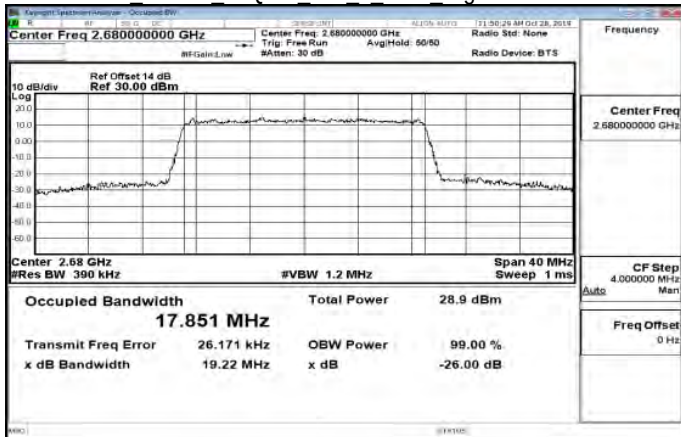
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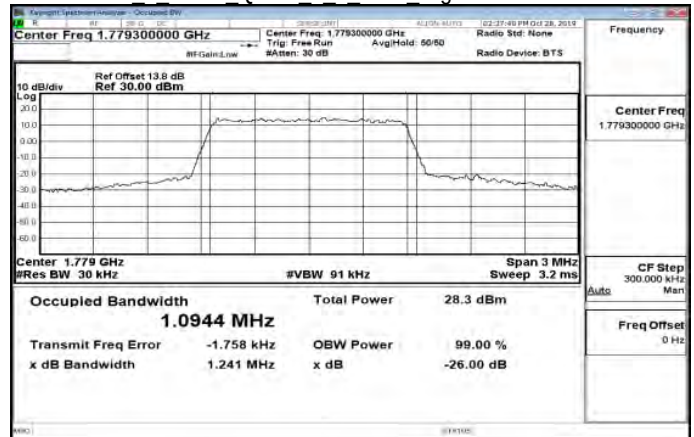
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Band41 20MHz 64QAM 100 0 Main HighCH41490-2680



Band66 1 4MHz QPSK 6 0 Main HighCH132665-1779.3

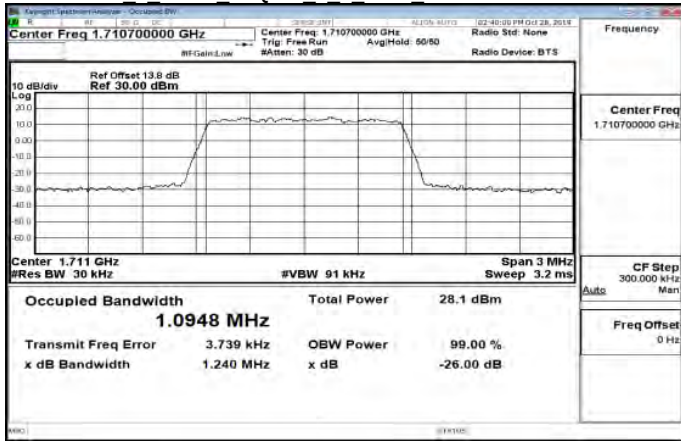


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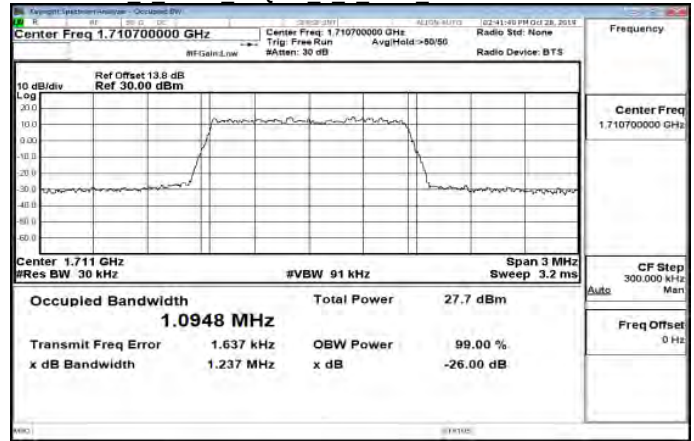
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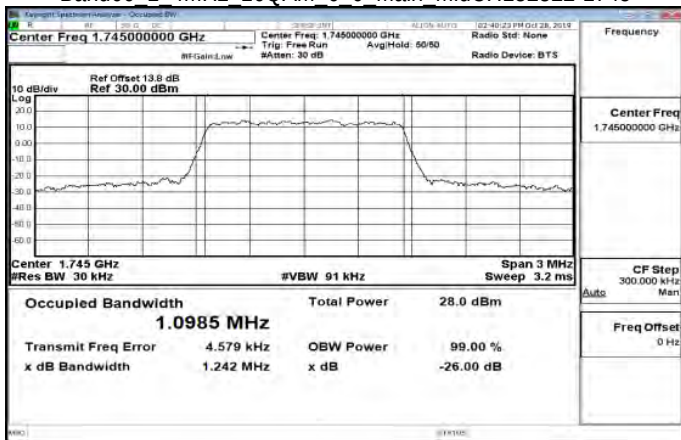
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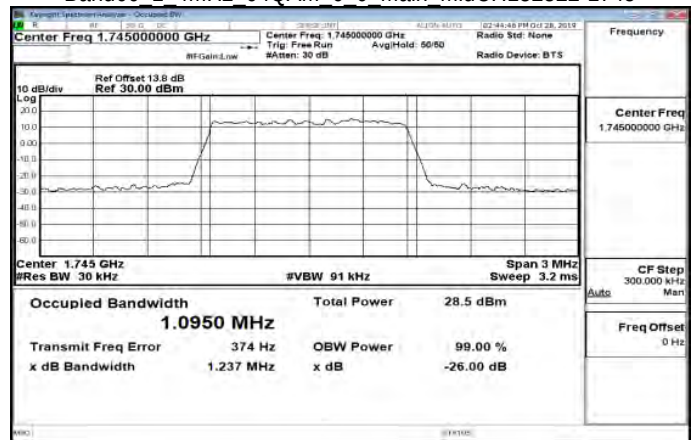
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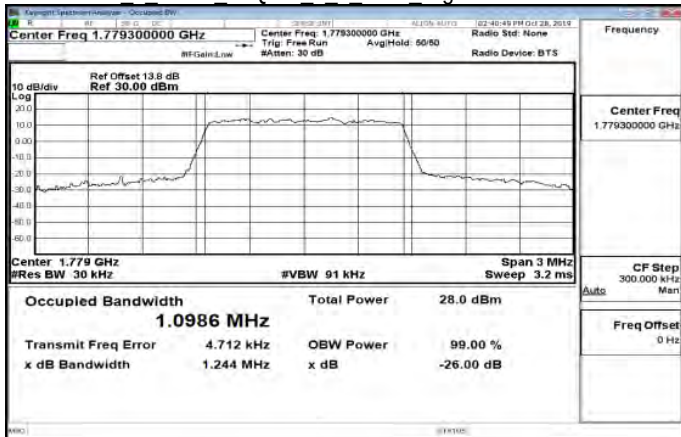
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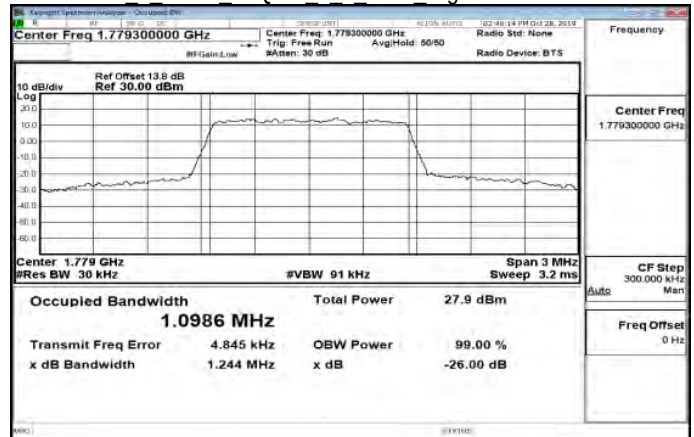
Band66 1 4MHz 64QAM 6 0 Main MidCH132322-1745



Band66 1 4MHz 16QAM 6 0 Main HighCH132665-1779.3



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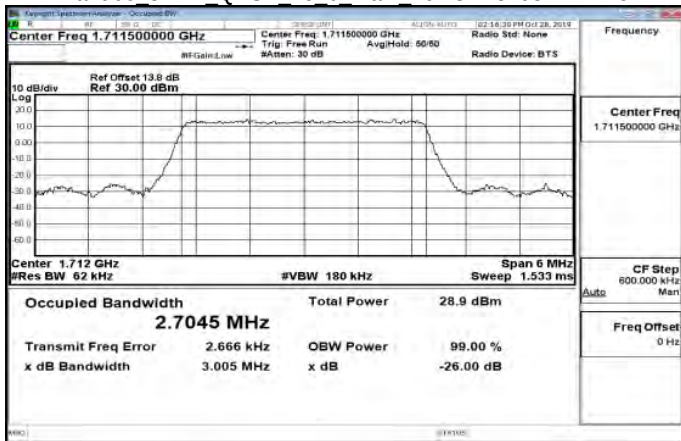


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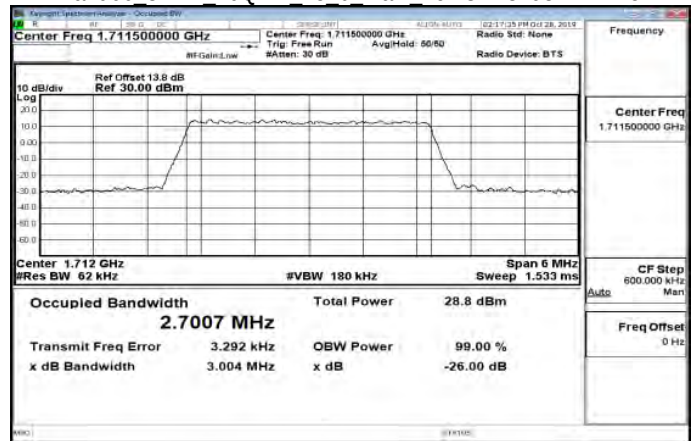
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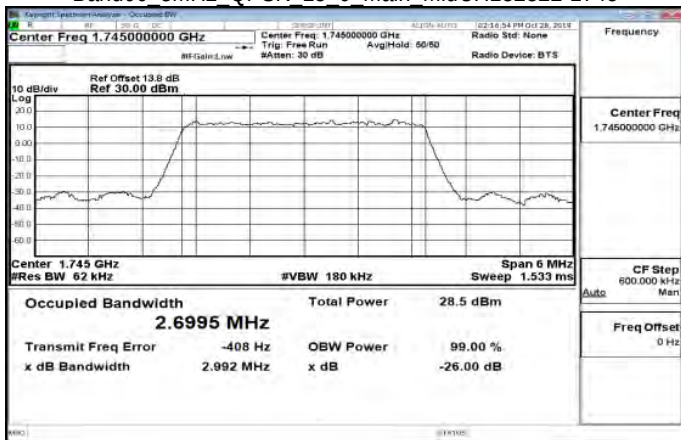
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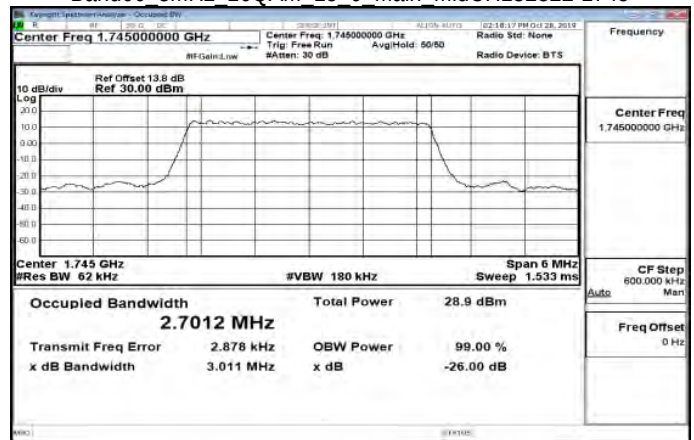
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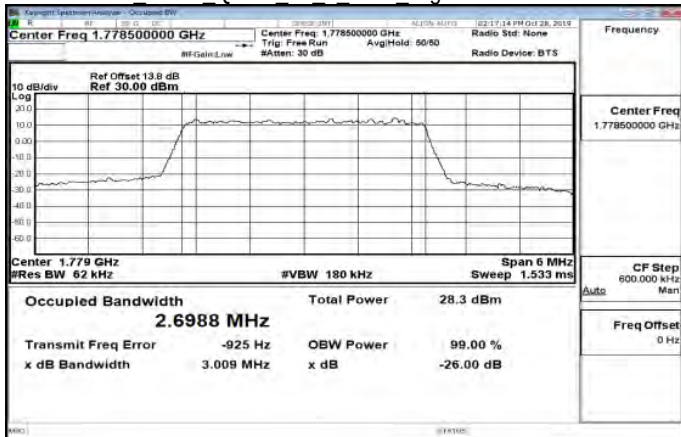
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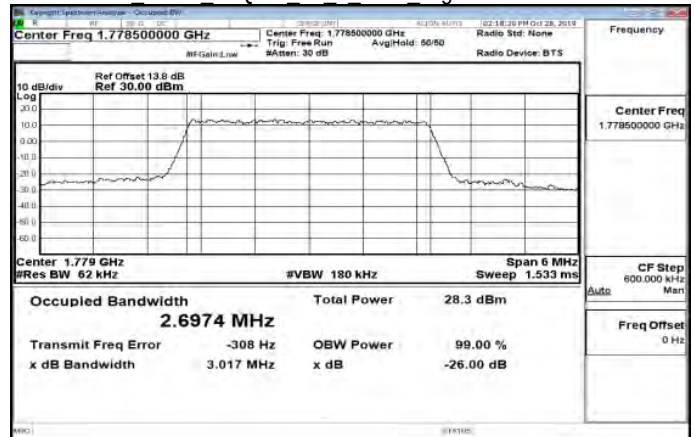
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Band66 3MHz 16QAM 15 0 Main HighCH132657-1778.5

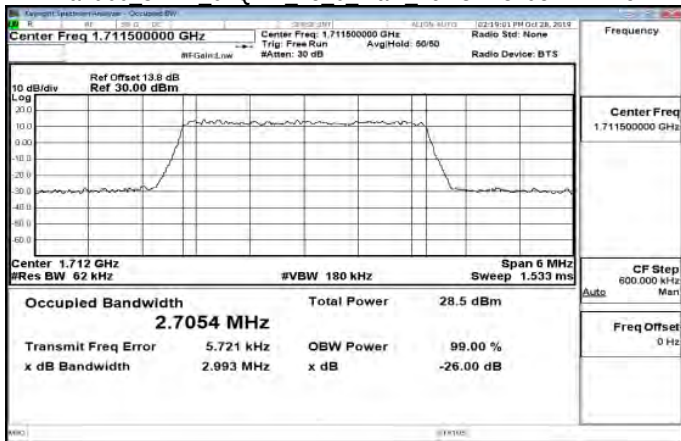


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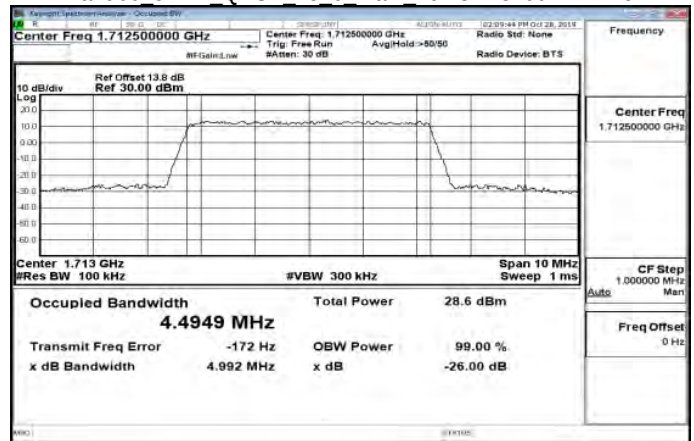
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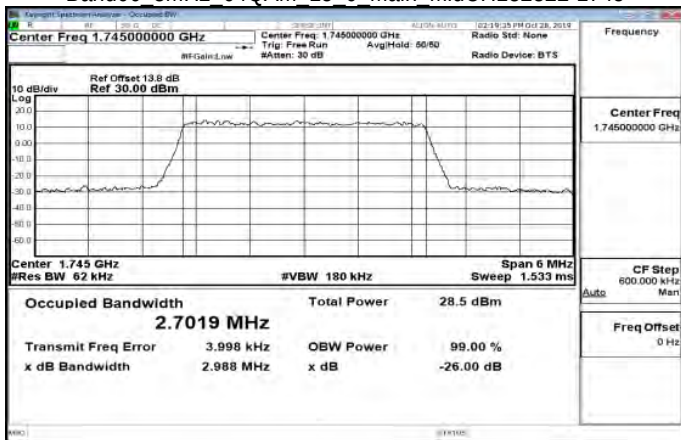
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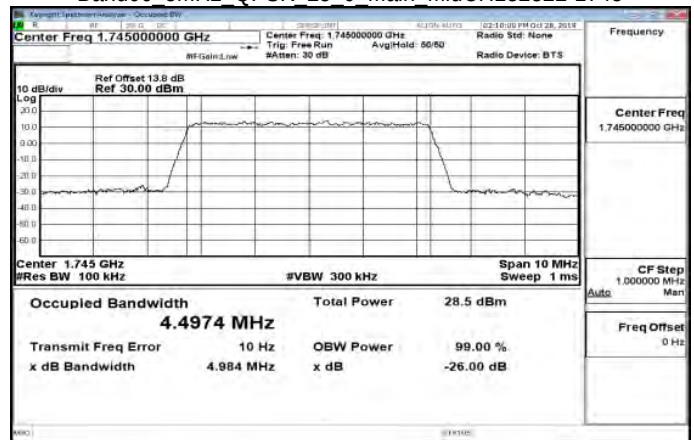
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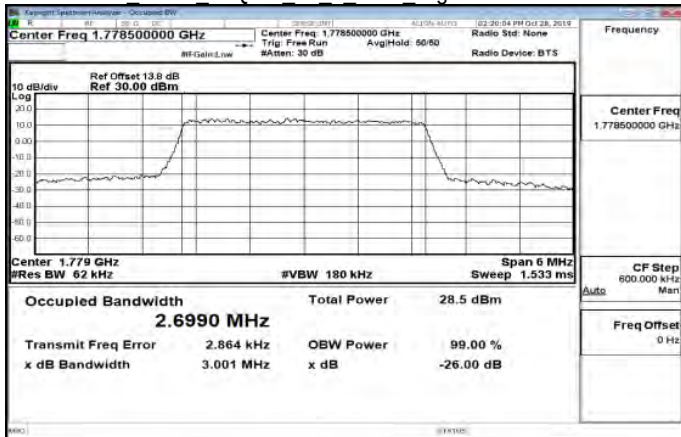
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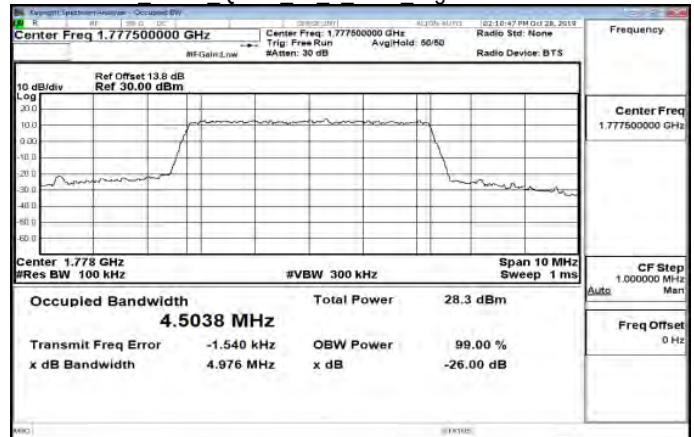
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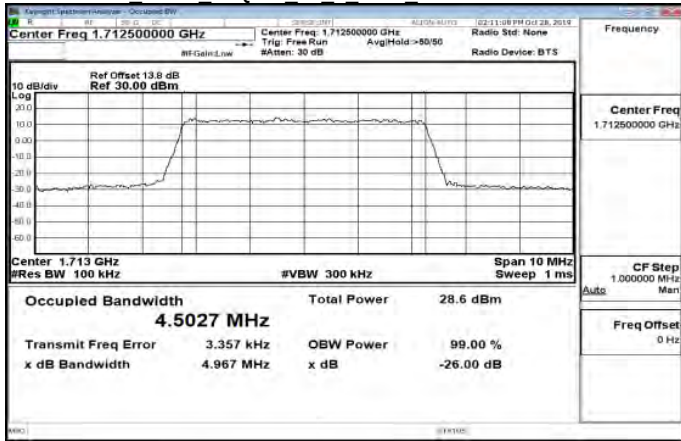


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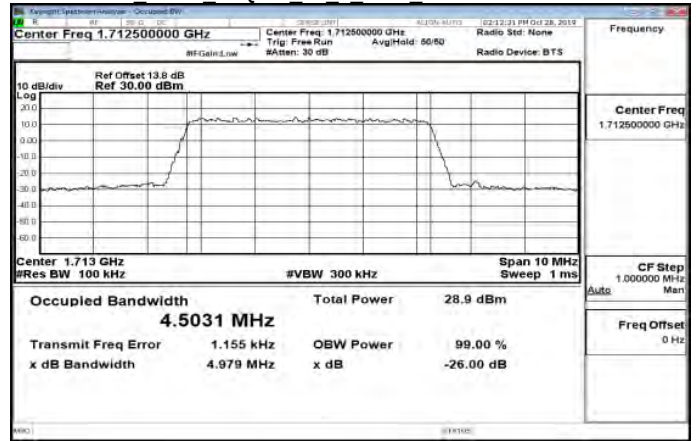
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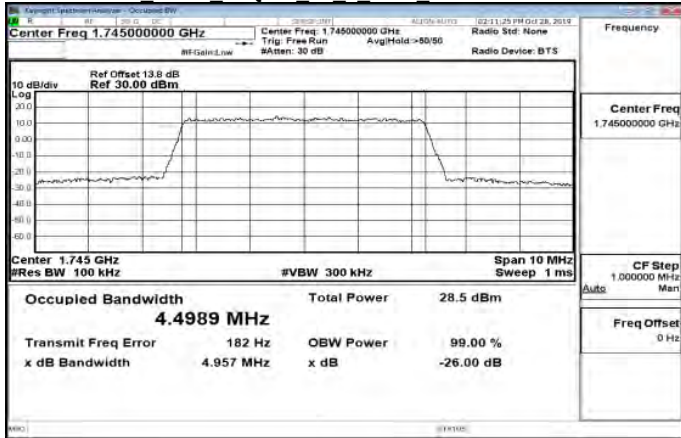
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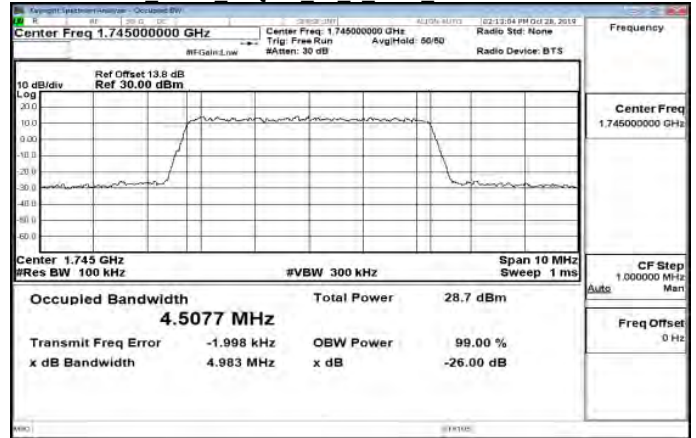
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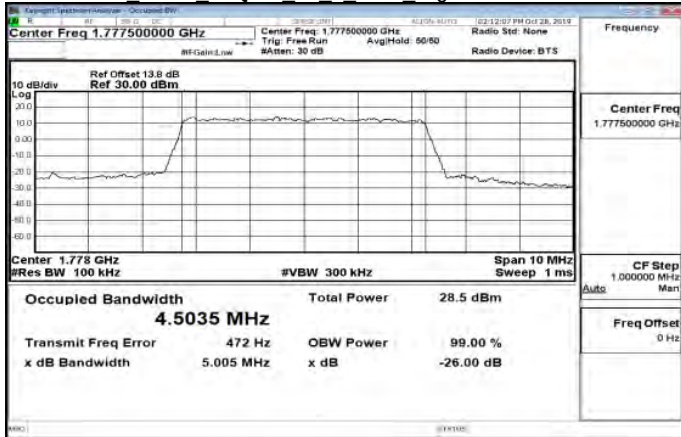
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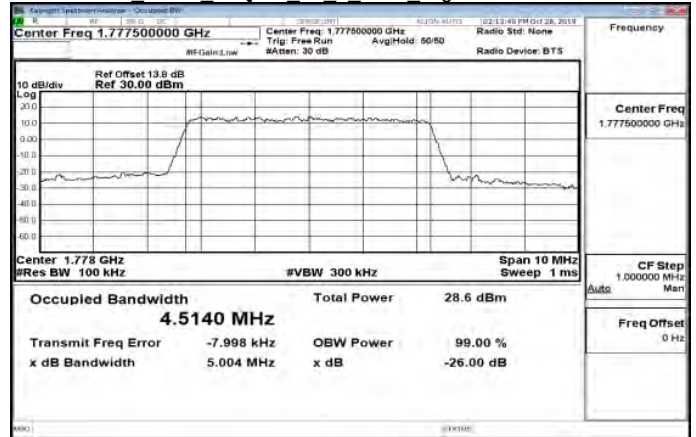
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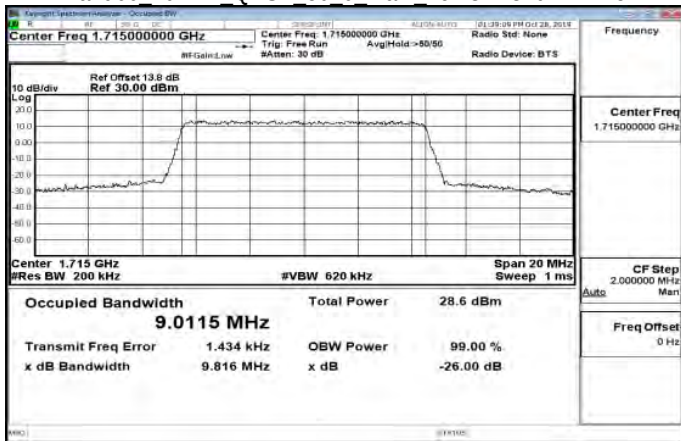


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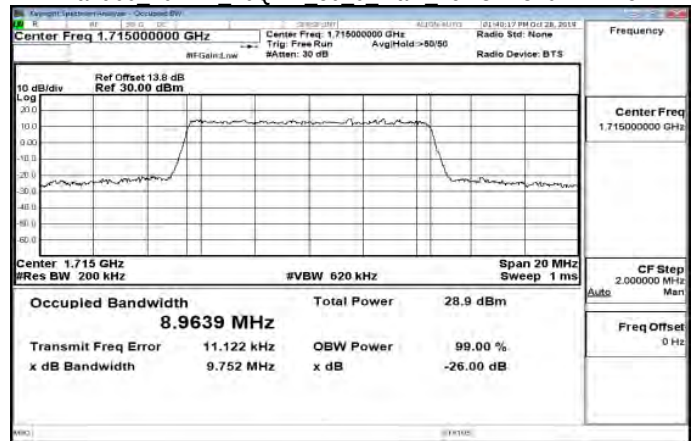
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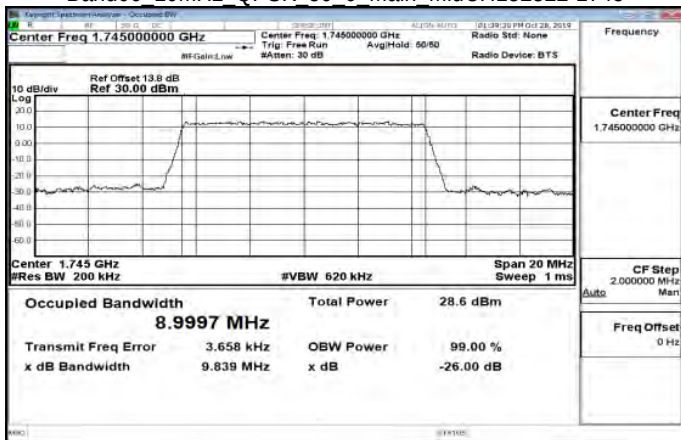
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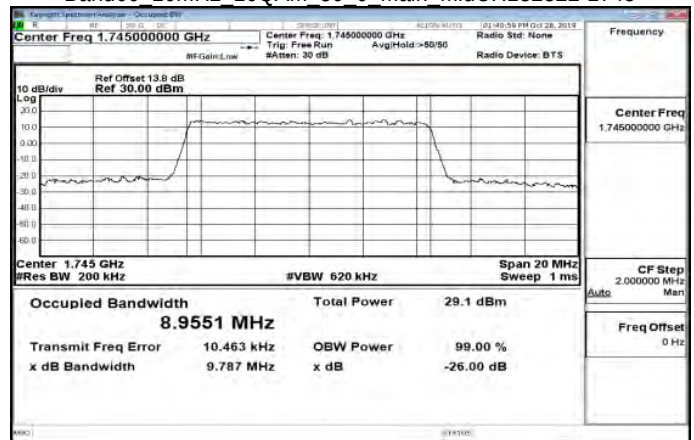
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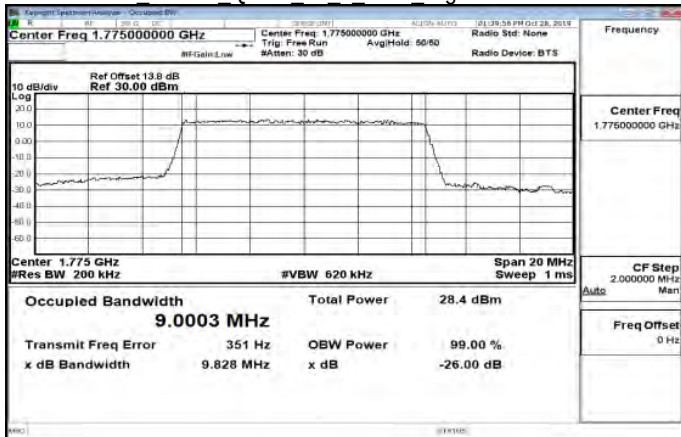
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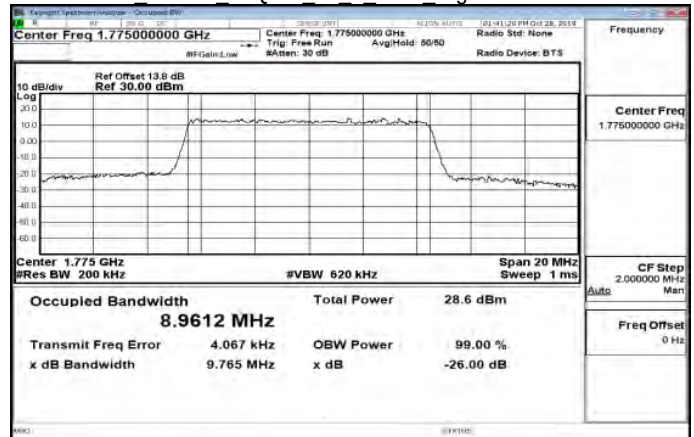
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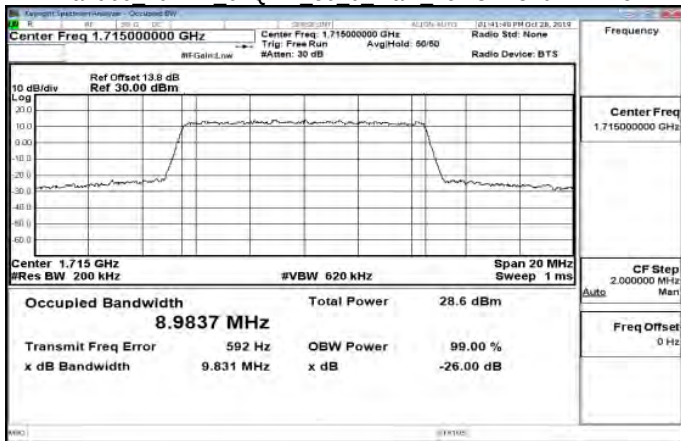


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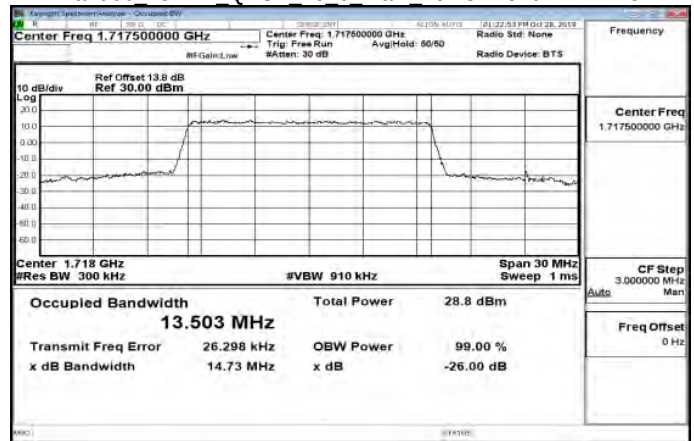
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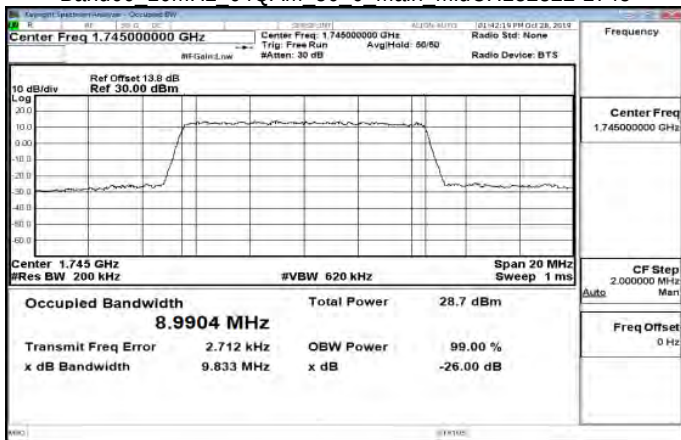
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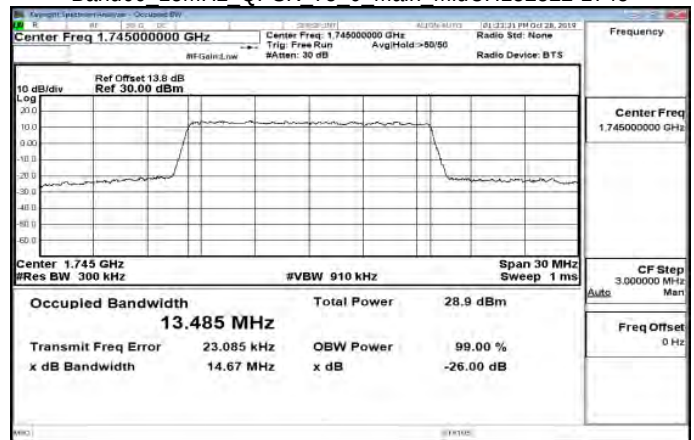
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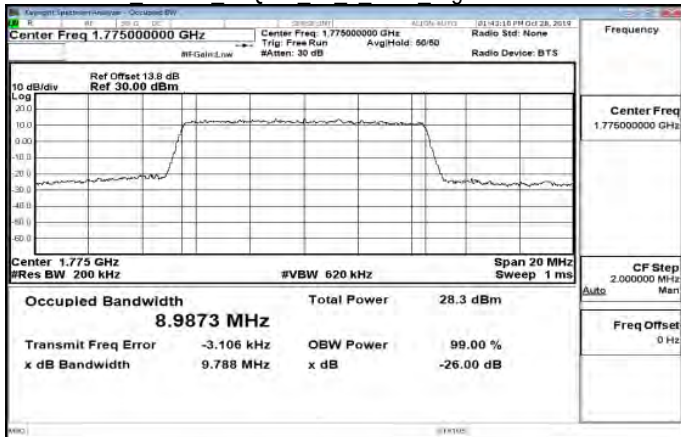
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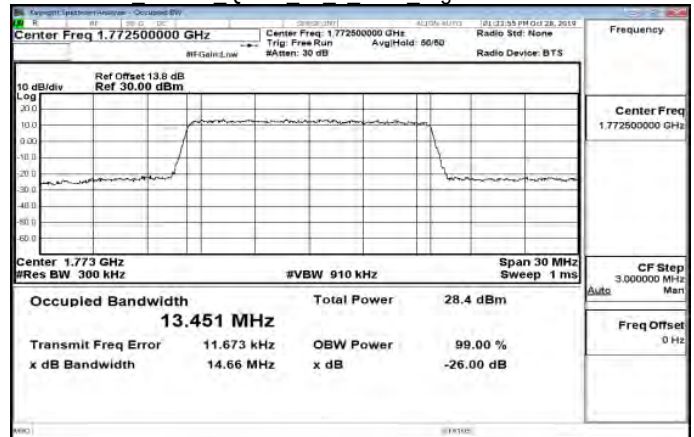
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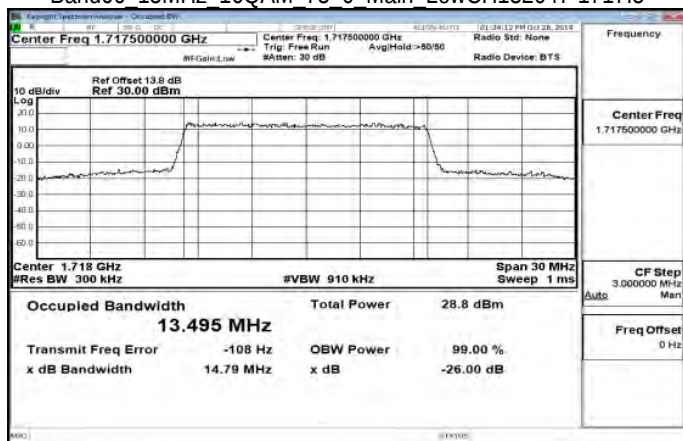


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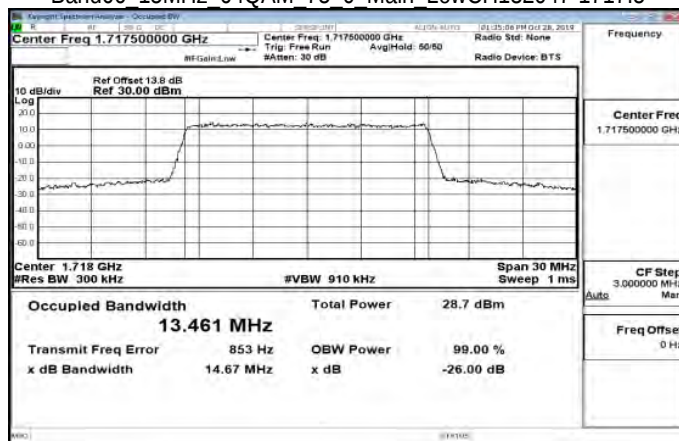
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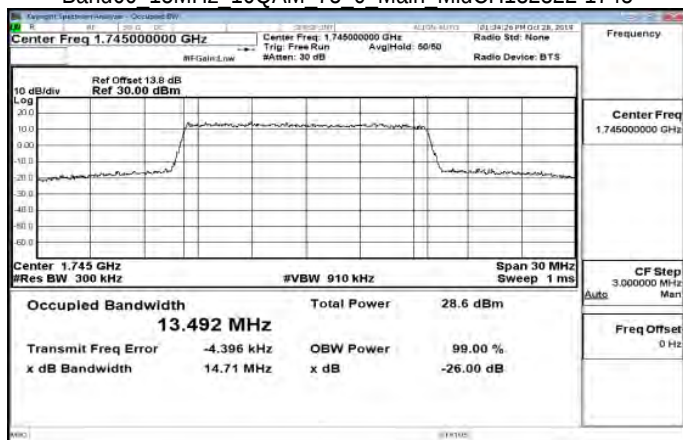
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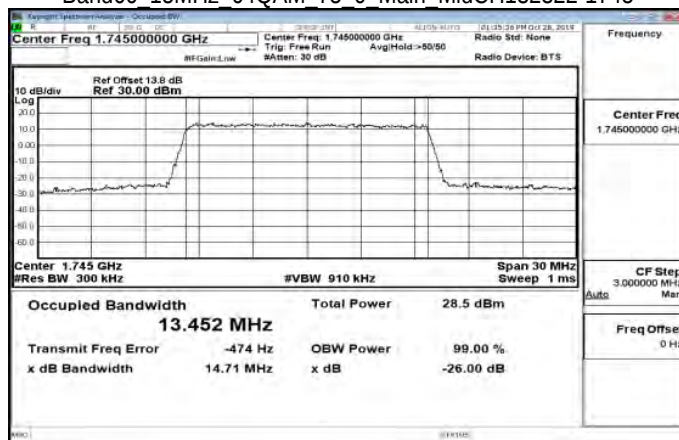
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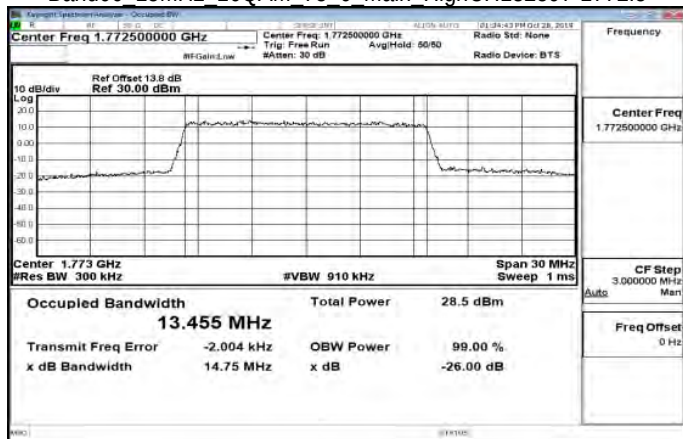
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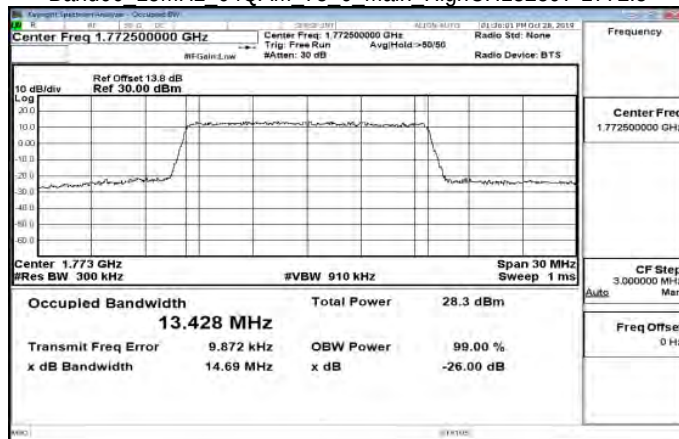
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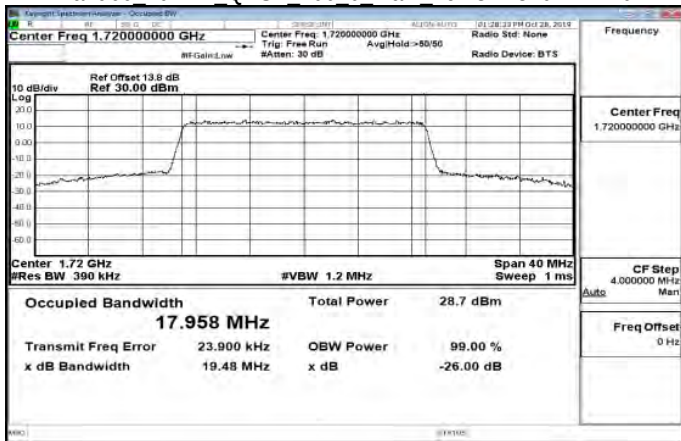


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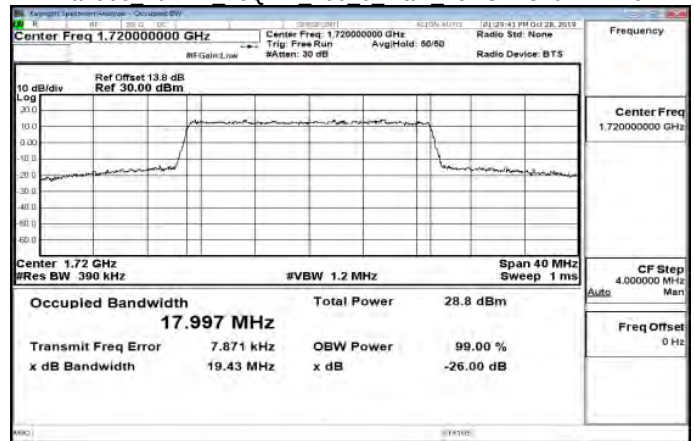
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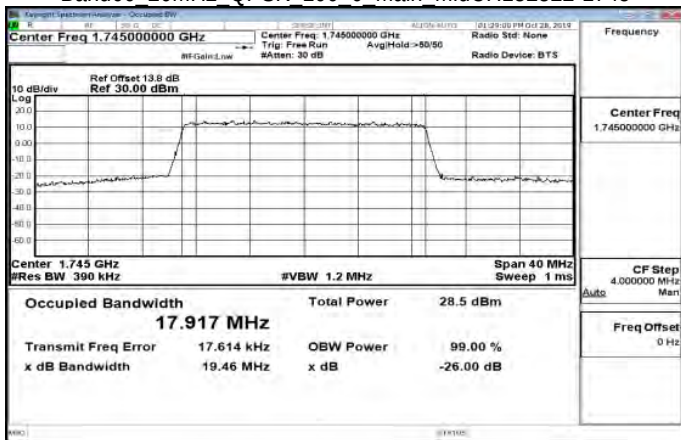
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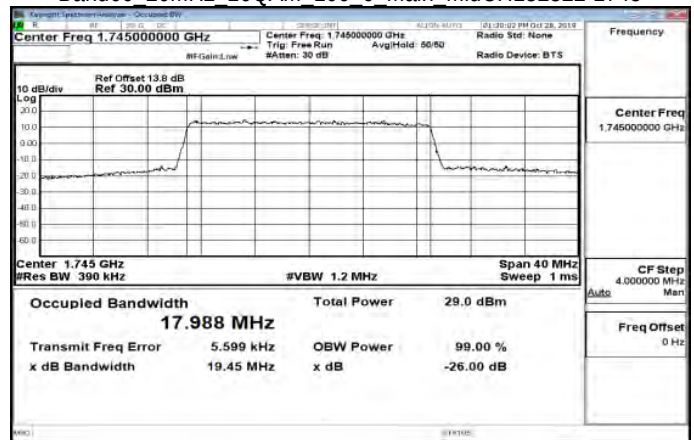
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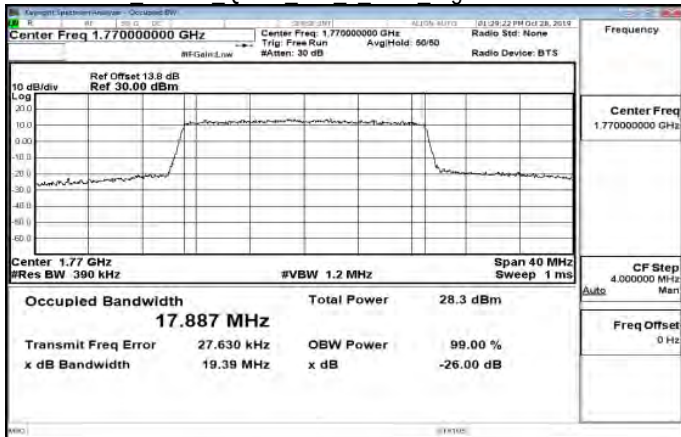
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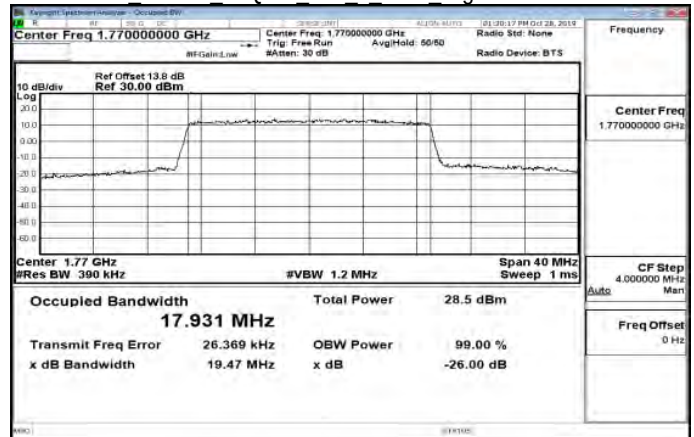
Band66 20MHz 16QAM 100 0 Main MidCH132322-1745



Band66 20MHz QPSK 100 0 Main HighCH132572-1770



Band66 20MHz 16QAM 100 0 Main HighCH132572-1770

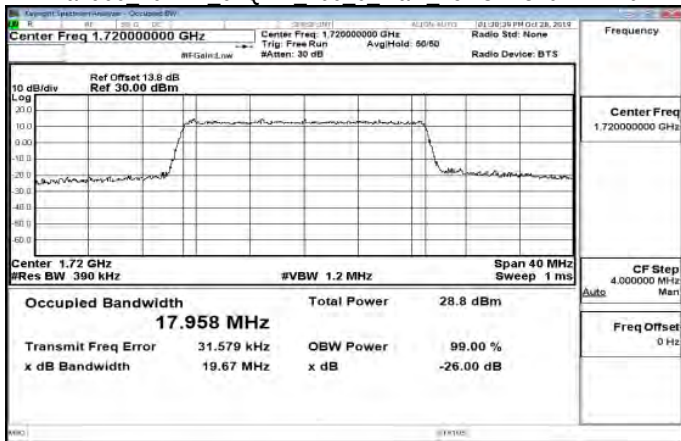


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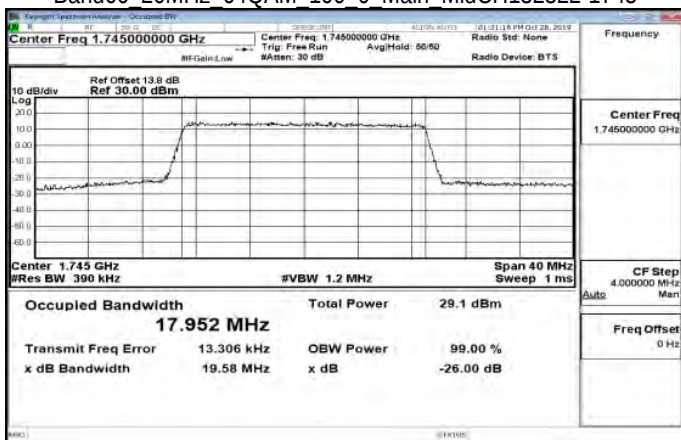
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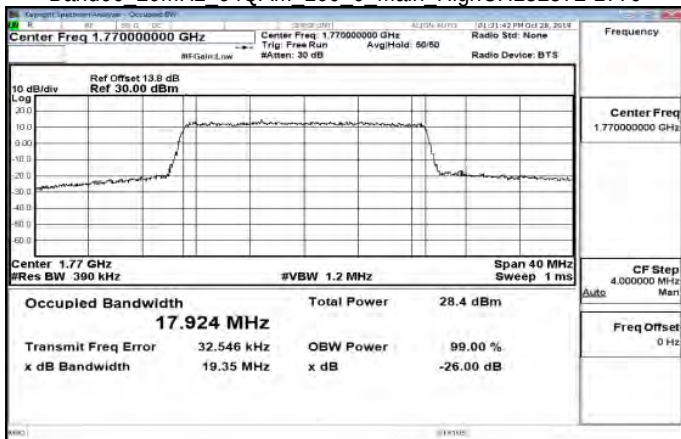
## Band66 20MHz 64QAM 100 0 Main LowCH132072-1720



## Band66 20MHz 64QAM 100 0 Main MidCH132322-1745



## Band66 20MHz 64QAM 100 0 Main HighCH132572-1770



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## 8. OUT OF BAND EMISSION AT ANTENNA TERMINALS

### 8.1. Standard Applicable

FCC §22.917(a), §24.238(a), §27.53(h), Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB.

#### FCC §27.53(c)

(c) For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB (-13dBm)

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log(P)$  dB in a 6.25 kHz band segment, for mobile and portable stations;

§27.53 (f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

#### FCC §27.53(c) (5) & FCC §27.53(g)

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

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## FCC §27.53(h) (3)

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

## FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

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§90.691 Emission mask requirements for EA-based systems.

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

§90.543 Emission limitations

(e) For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than  $76 + 10 \log(P)$  dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than  $65 + 10 \log(P)$  dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least  $43 + 10 \log(P)$  dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

According to RSS-130 §4.6

The power of any unwanted emissions in any 100 kHz bandwidth on any frequency outside the frequency range(s) within which the equipment is designed to operate shall be attenuated below the transmitter power, P (dBW), by at least  $43 + 10 \log_{10} p$  (watts), dB. However, in the 100 kHz band immediately outside the equipment's operating frequency range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined in Section 4.6.1 above, equipment operating in the frequency bands

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746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

(a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:

- (i)  $76 + 10 \log_{10} p(\text{watts})$ , dB, for base and fixed equipment, and
- (ii)  $65 + 10 \log_{10} p(\text{watts})$ , dB, for mobile and portable equipment.

According to RSS-132 §5.5

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

(i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least  $43 + 10 \log_{10} p(\text{watts})$ .

(ii) After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least  $43 + 10 \log_{10} p(\text{watts})$ . If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

According to RSS-133 §6.5

#### 6.5.1 Out-of-Block Emissions

Equipment shall comply with the limits in (i) and (ii) below.

(i) In the 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1% of the emission bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least  $43 + 10 \log_{10} p(\text{watts})$ .

(ii) After the first 1.0 MHz, the emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least  $43 + 10 \log_{10} p(\text{watts})$ . If the measurement is performed using 1% of the emission bandwidth, power integration over 1.0 MHz is required.

According to RSS-139 §6.5

For Operation Band 1710-1755MHz and 2110-2155MHz

(i) In the first 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1% of the emission bandwidth shall be attenuated below the transmitter output power P (in watts) by at least  $43 + 10 \log_{10}(P)$ , dB. Limit = 13dBm

(ii) After the first 1.0 MHz outside the equipment's operating frequency block, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in watts) by at least  $43 + 10 \log_{10}(P)$ , dB. Limit = -13dBm

According to RSS-195 §5.6.2

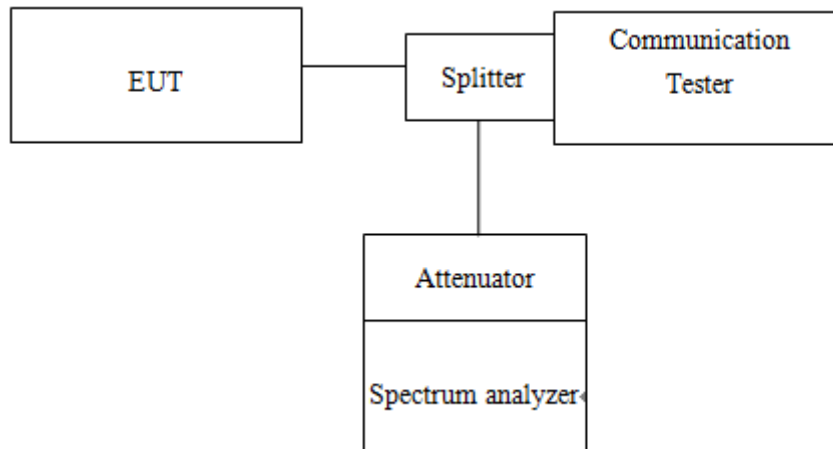
The power of any emission outside the frequency range(s) in which the equipment operates shall be attenuated below the transmitter power, P(dBW), by the amount indicated in Table 2 and graphically represented in Figure 2, where p is the transmitter output power measured in watts.

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## 8.2. Test SET-UP



## 8.3. Measurement Procedure

### Conducted Emission

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

1. To connect Antenna Port of EUT to Spectrum.
2. Set RBW = 1MHz & VBW = 1MHz on Spectrum.
3. Detector = peak
4. Set Maximum hold and allow trace to fully stabilize
5. Repeat above procedures until all default test channel measured were complete.

### Band Edge

1. To connect Antenna Port of EUT to Spectrum.
2. The band edge of low and high channels for the highest RF powers was measured. Setting  $RBW \geq 1\% \text{ EBW}$ .
3. Allow trace to fully stabilize
4. Repeat above procedures until all default test channel measured were complete.

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**8.4. Measurement Equipment Used**

| Conducted Emission (measured at antenna port) Test Site |           |                |               |            |            |
|---------------------------------------------------------|-----------|----------------|---------------|------------|------------|
| EQUIPMENT TYPE                                          | MFR       | MODEL NUMBER   | SERIAL NUMBER | LAST CAL.  | CAL DUE.   |
| Spectrum Analyzer                                       | KEYSIGHT  | N9010A         | MY57120200    | 03/06/2019 | 03/05/2020 |
| DC Power Supply                                         | Agilent   | E3640A         | MY53140006    | 05/31/2019 | 05/30/2020 |
| Radio Communication Analyzer                            | Anritsu   | MT8820C        | 6201107337    | 07/17/2019 | 07/16/2020 |
| Attenuator                                              | Marvelous | MVE2213-10     | RF31          | 12/25/2018 | 12/24/2019 |
| Splitter                                                | Marvelous | MVE8576        | RF38          | 12/25/2018 | 12/24/2019 |
| DC Block                                                | PASTERNAK | PE8210         | RF81          | 12/25/2018 | 12/24/2019 |
| Coaxial Cables                                          | Woken     | 00100A1F1A185C | RF220         | 12/25/2018 | 12/24/2019 |

**8.5. Measurement Result:**

Refer to next pages.

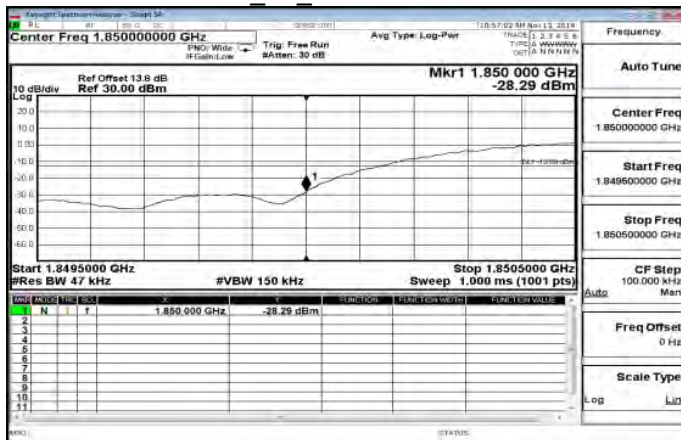
**NOTE:** The occurrence of the spike on the conducted emission is the signal of the fundamental emission.

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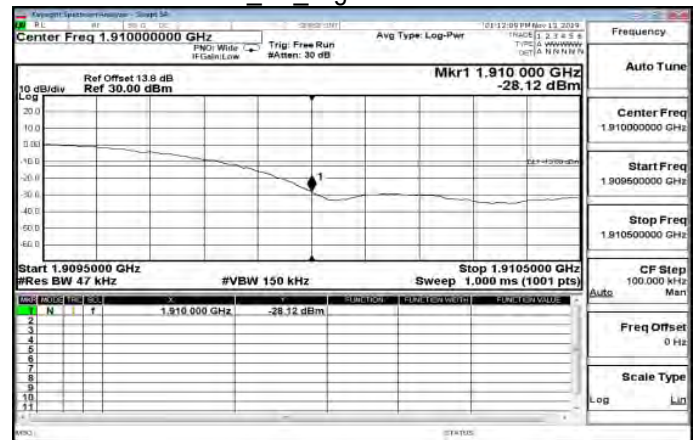
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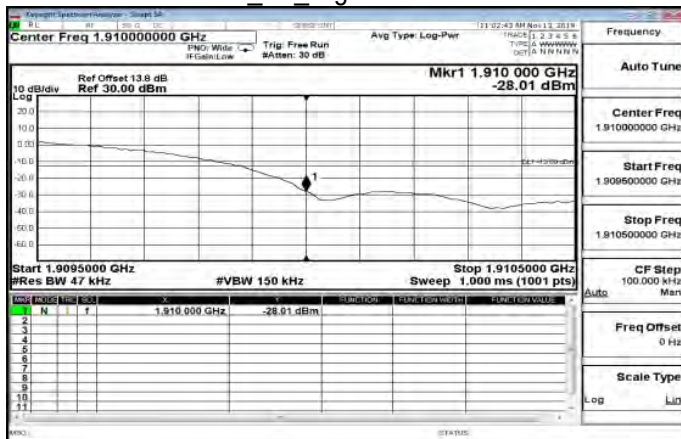
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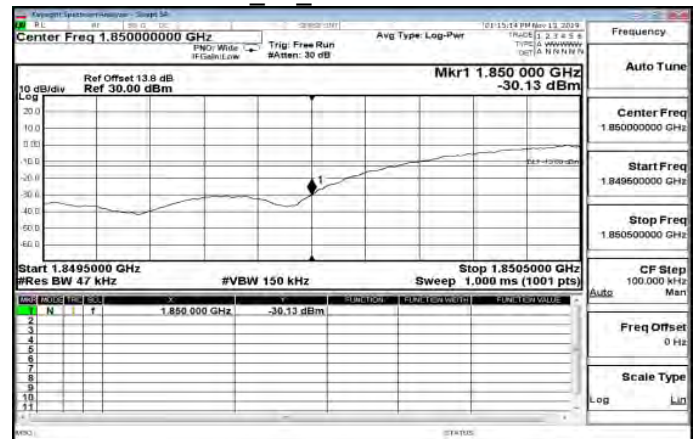
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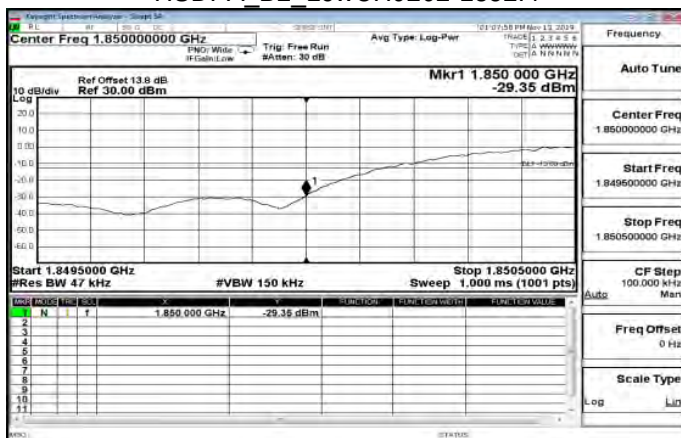
## WCDMA B2 HighCH9538-1907.6



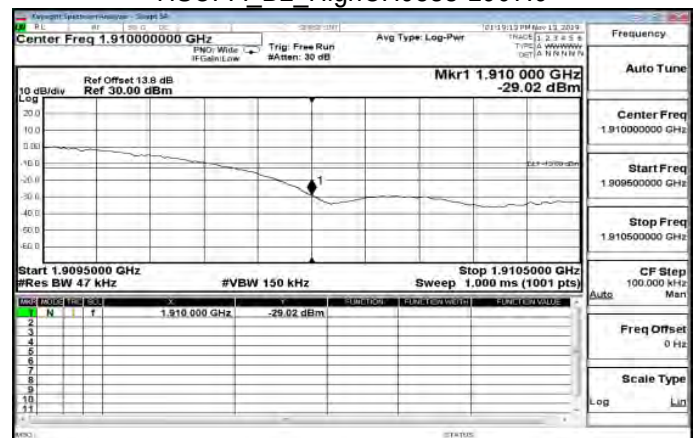
## HSUPA B2 LowCH9262-1852.4



## HSDPA B2 LowCH9262-1852.4



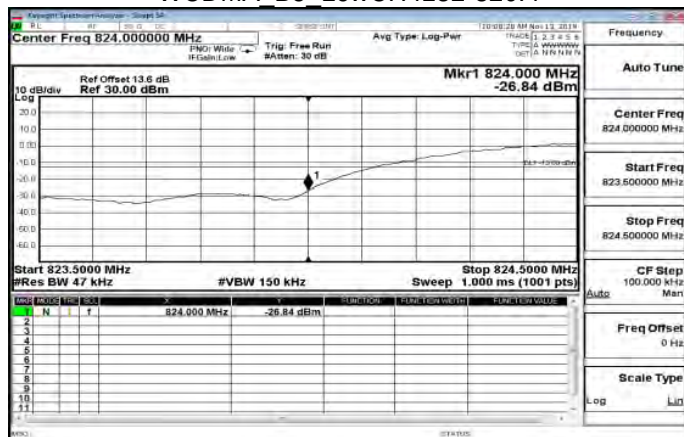
## HSUPA B2 HighCH9538-1907.6



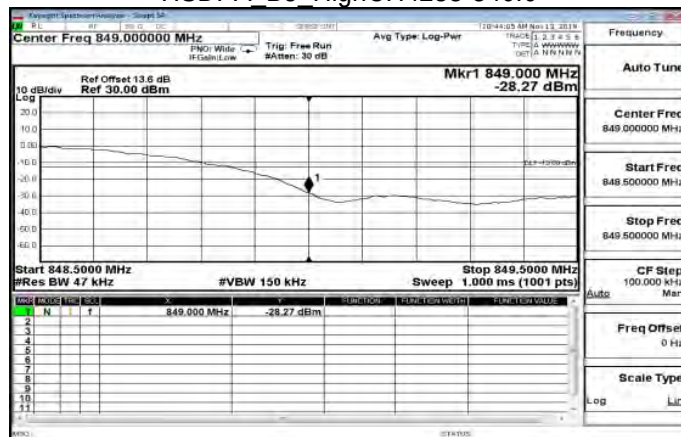
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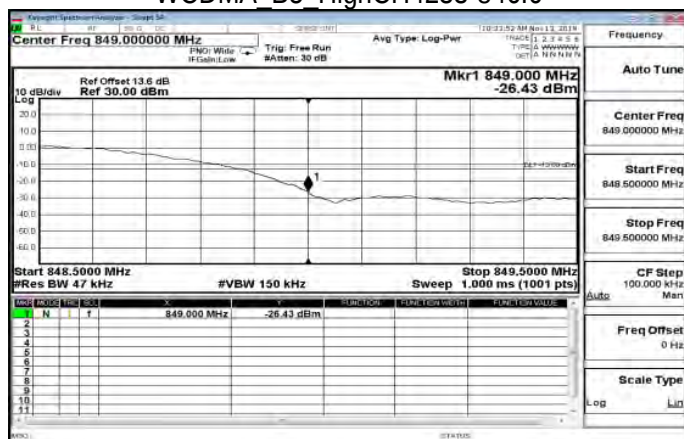
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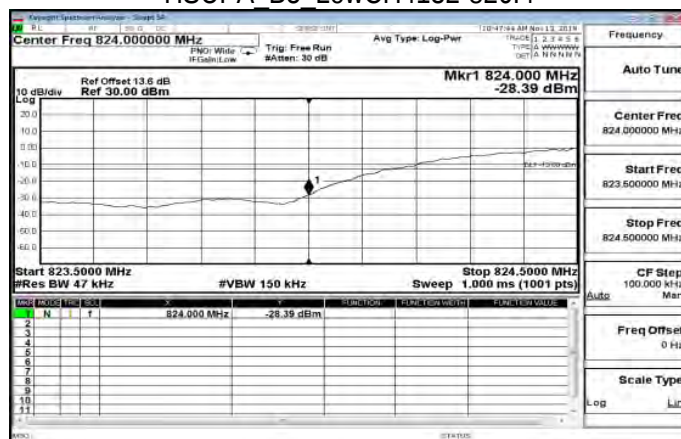
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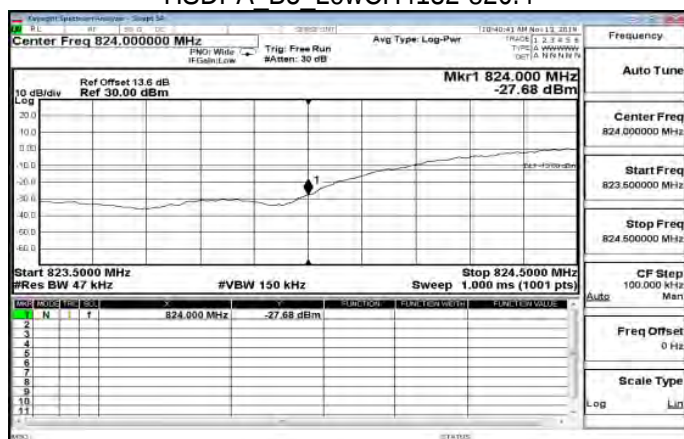
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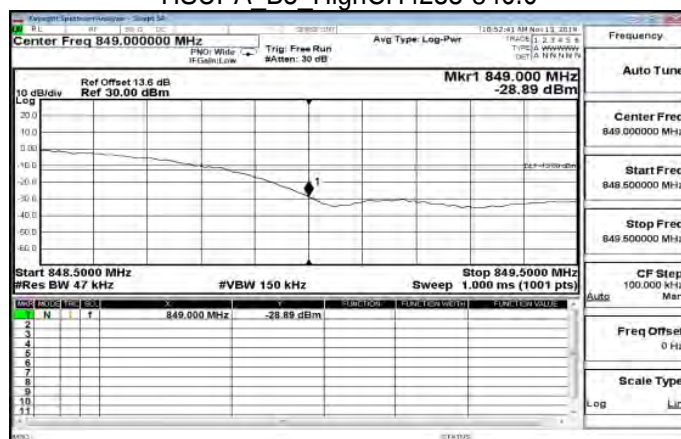
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HSDPA B5 LowCH4132-826.4



HSUPA B5 HighCH4233-846.6

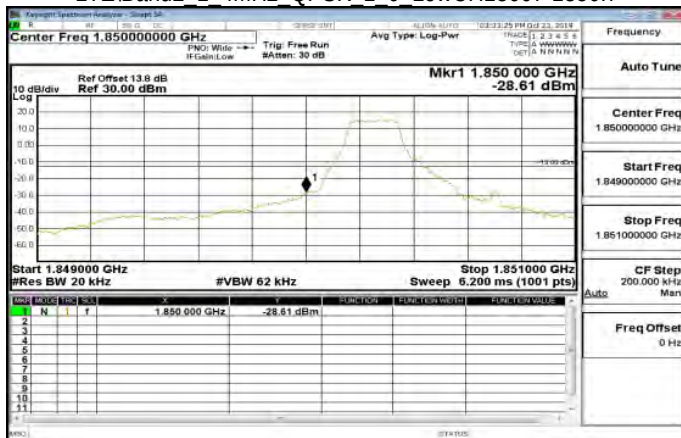


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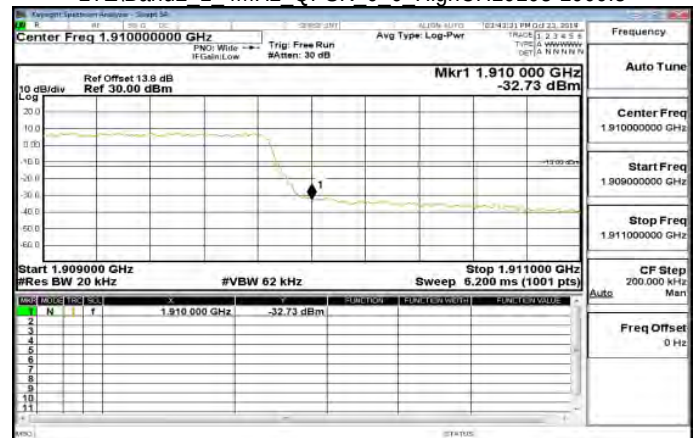
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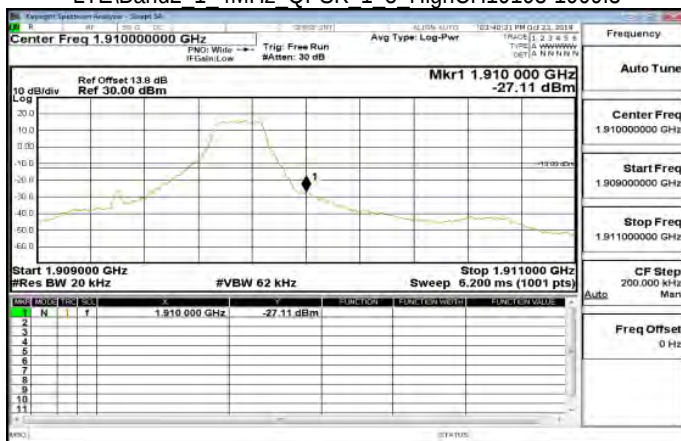
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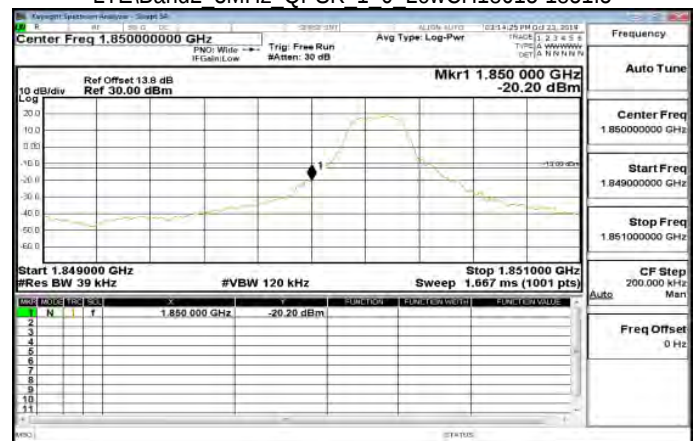
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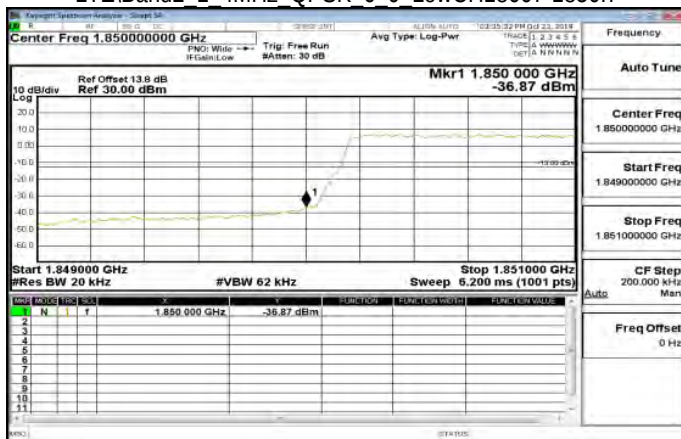
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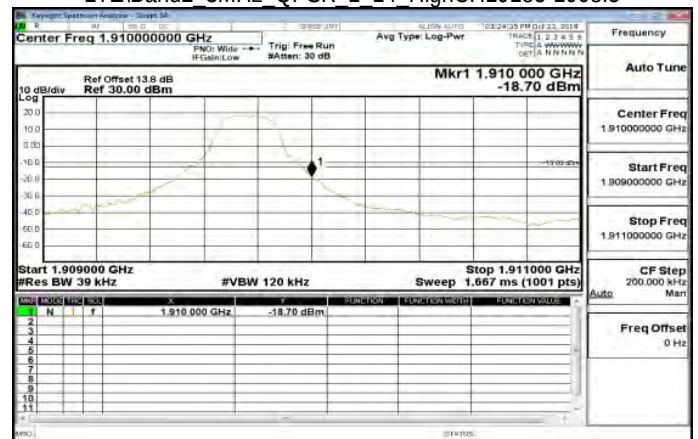
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LTE\Band2 3MHz QPSK 1 14 HighCH19185-1908.5

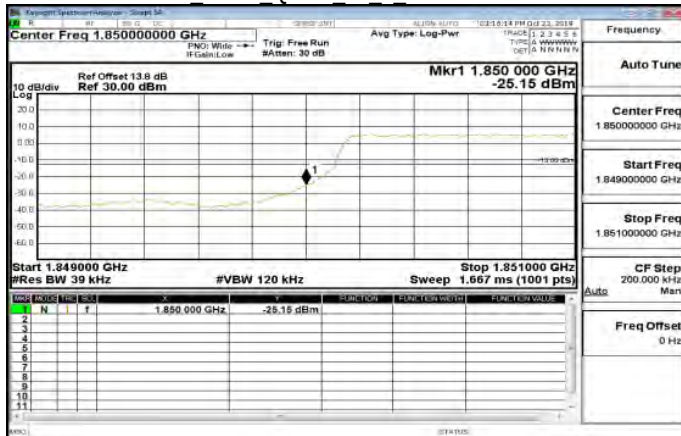


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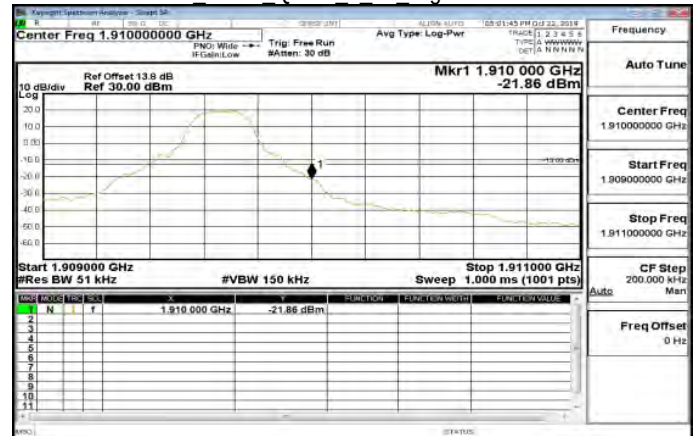
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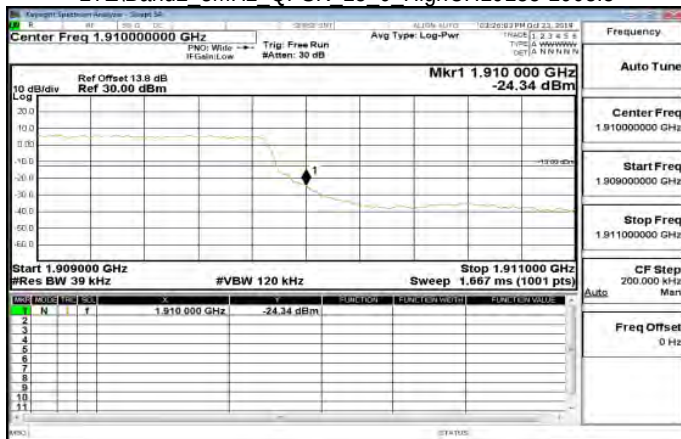
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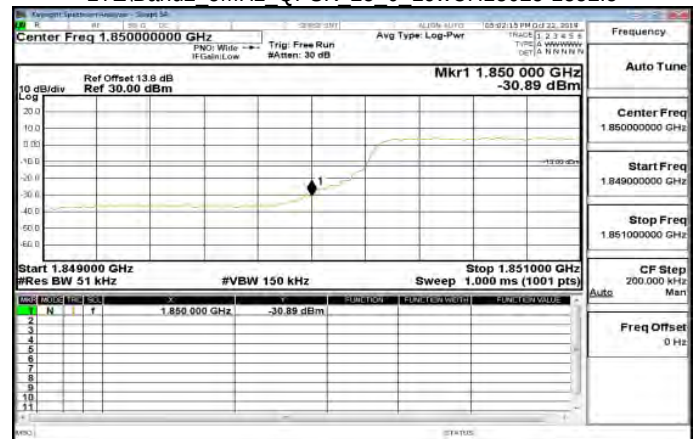
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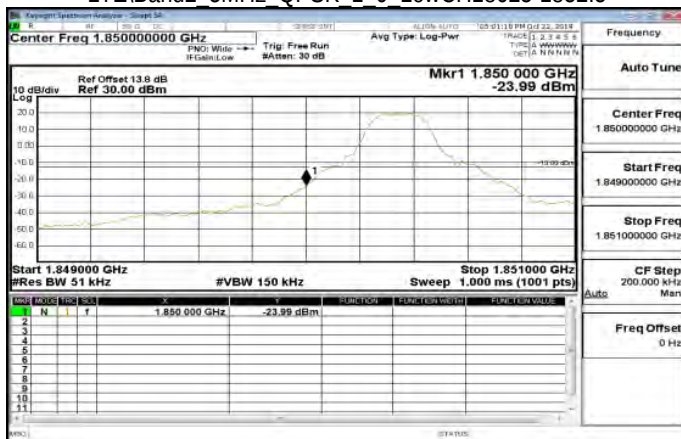
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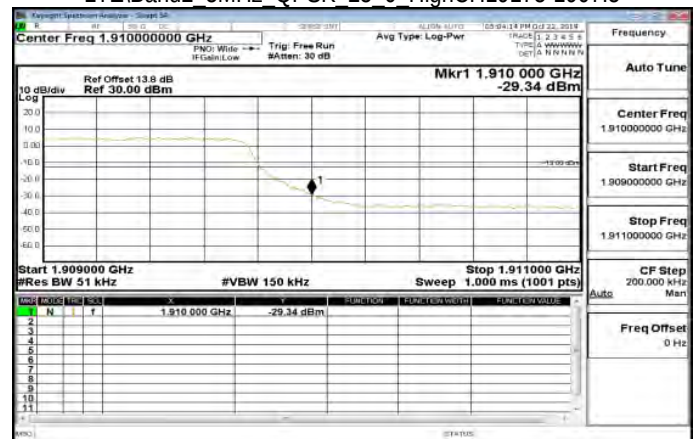
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LTE\Band2 5MHz QPSK 1 0 LowCH18625-1852.5



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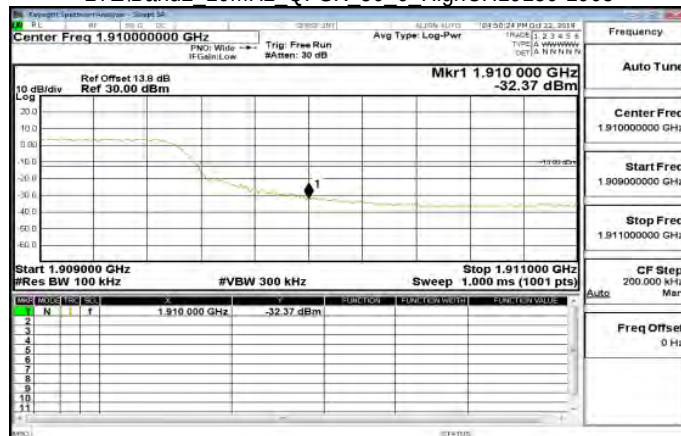
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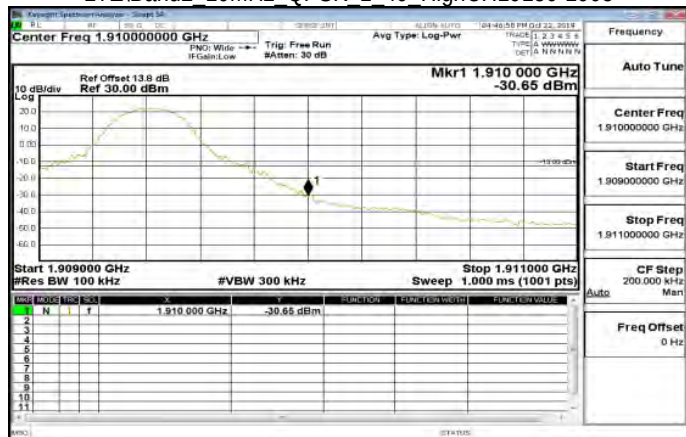
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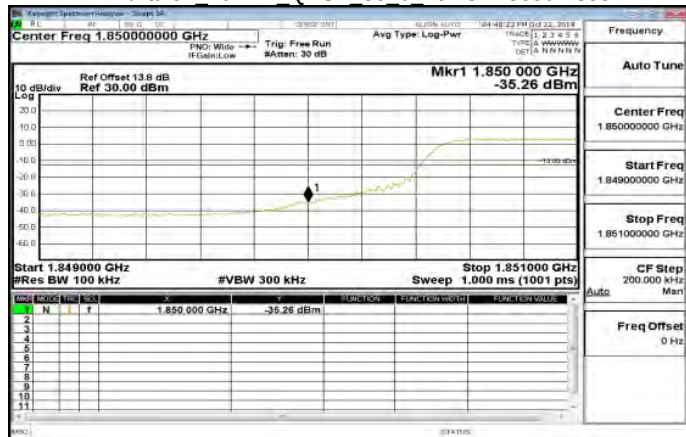
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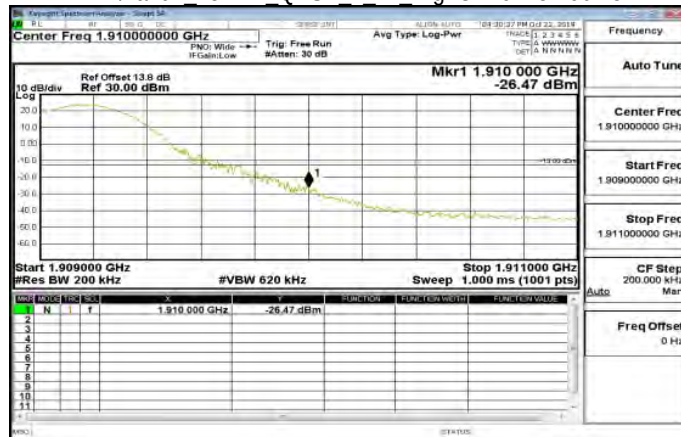
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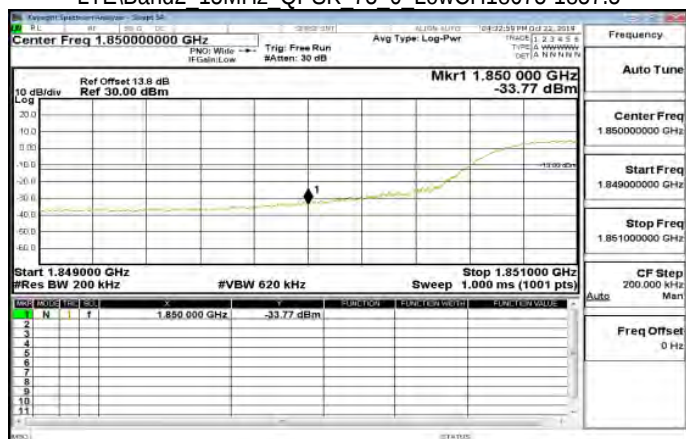


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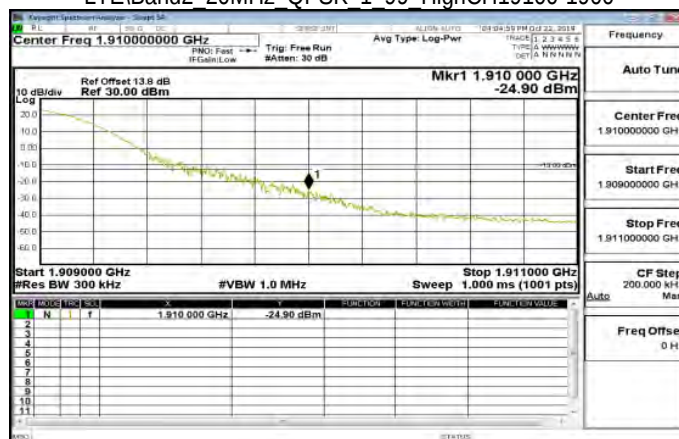
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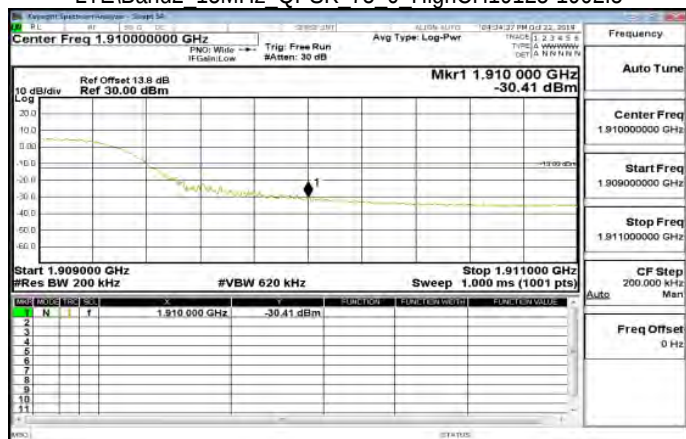
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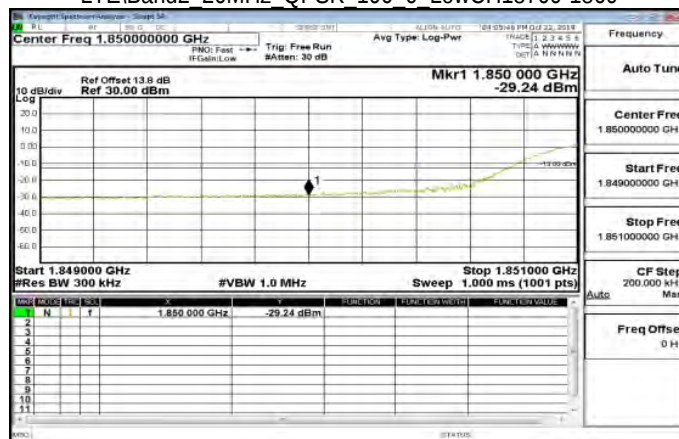
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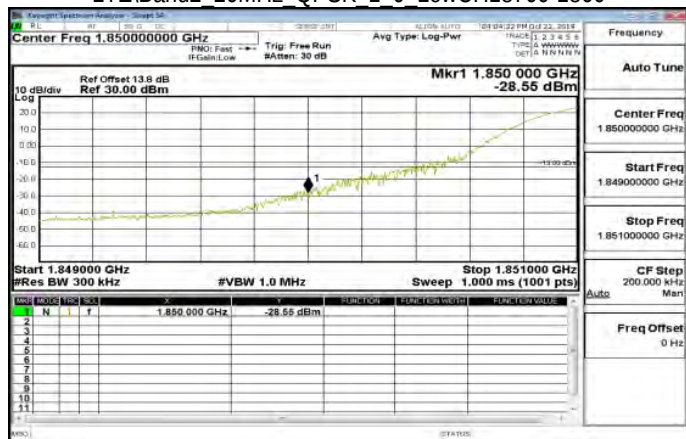
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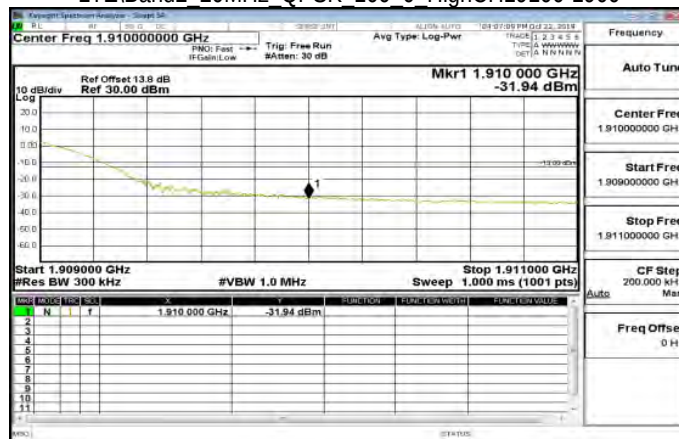
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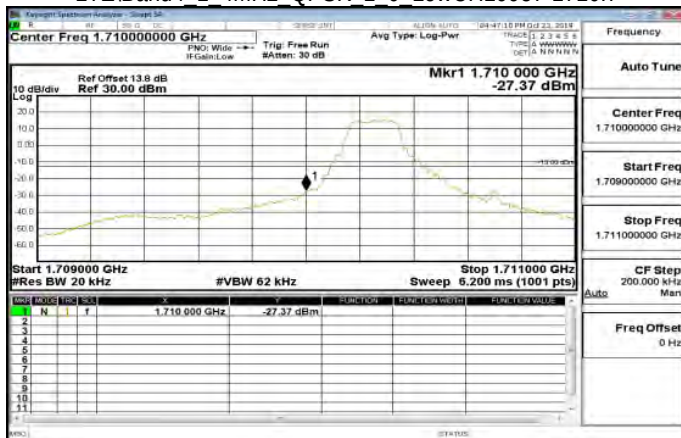


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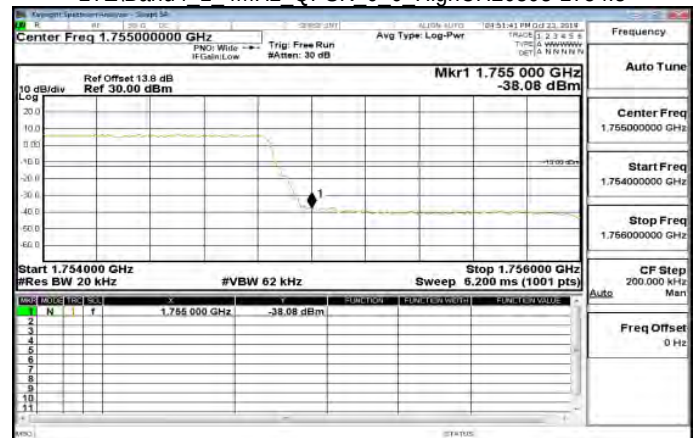
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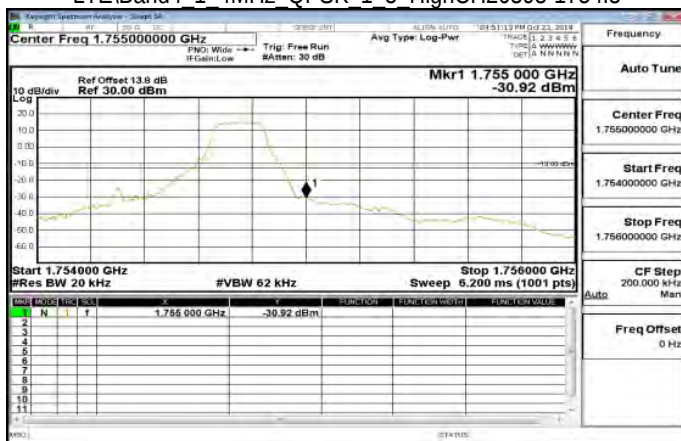
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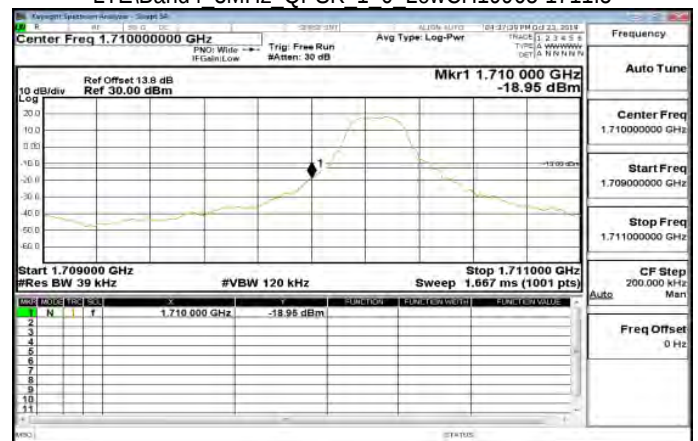
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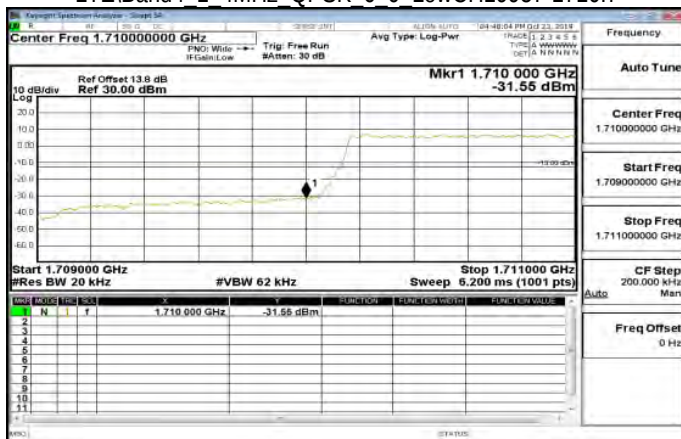
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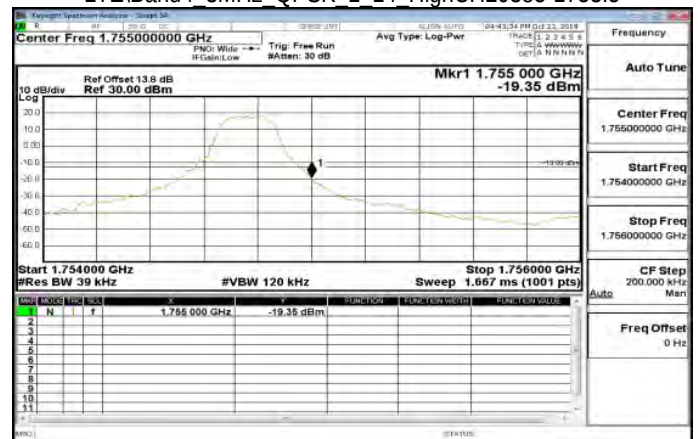
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LTE\Band4 1 4MHz QPSK 6 0 LowCH19957-1710.7



LTE\Band4 3MHz QPSK 1 14 HighCH20385-1753.5



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