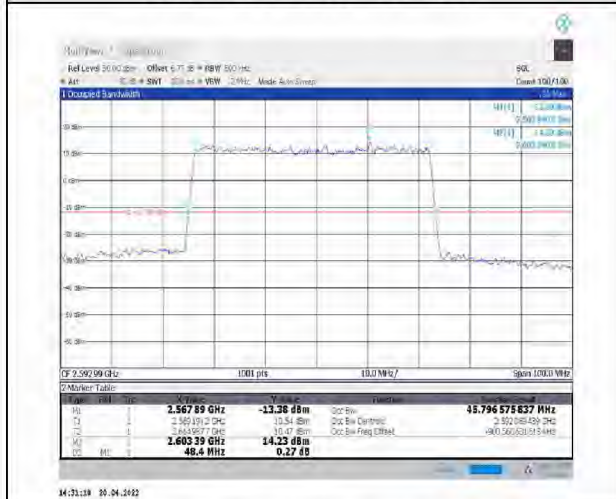




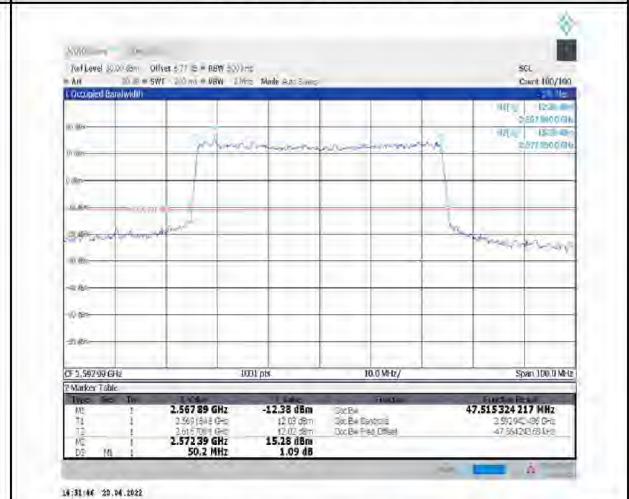
1-N41--30-50-M-3-DFT-16QAM-Outer\_Full-128@0-Ant1-45.75-48.000-<50-PASS



1-N41--30-50-M-4-DFT-64QAM-Outer\_Full-128@0-Ant1-45.815-48.400-<50-PASS



1-N41--30-50-M-5-DFT-256QAM-Outer\_Full-128@0-Ant1-45.797-48.400-<50-PASS



1-N41--30-50-M-6-CP-QPSK-Outer\_Full-133@0-Ant1-47.515-50.200-<50-PASS



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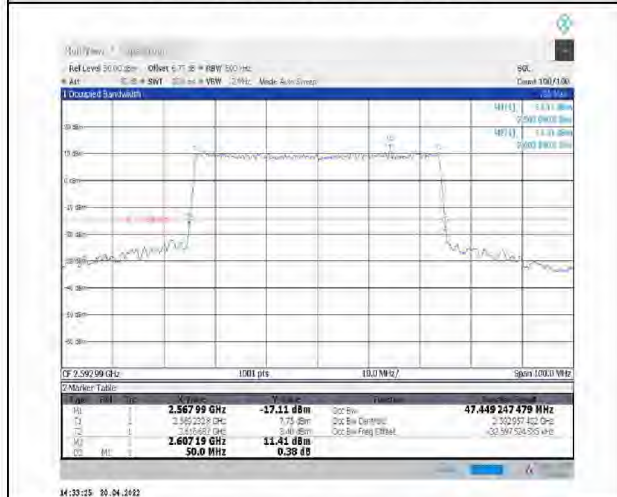
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1-N41--30-50-M-7-CP-16QAM-Outer\_Full-133@0-Ant1-47.504-50,100-<=50-PASS



1-N41--30-50-M-8-CP-64QAM-Outer\_Full-133@0-Ant1-47.521-50,200-<=50-PASS



1-N41--30-50-M-9-CP-256QAM-Outer\_Full-133@0-Ant1-47.449-50,000-<=50-PASS



1-N41--30-50-H-1-DFT-QPSK-Outer\_Full-128@0-Ant1-45.87-48,400-<=50-PASS



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1-N41--30-50-H-2-DFT-PI2BPSK-Outer\_Full-128@0-Ant1-45.803-48.400-<math>\leq 50</math>-PASS



1-N41--30-50-H-3-DFT-16QAM-Outer\_Full-128@0-Ant1-45.749-48.000-<math>\leq 50</math>-PASS



1-N41--30-50-H-4-DFT-64QAM-Outer\_Full-128@0-Ant1-45.816-48.300-<math>\leq 50</math>-PASS



1-N41--30-50-H-5-DFT-256QAM-Outer\_Full-128@0-Ant1-45.772-48.400-<math>\leq 50</math>-PASS

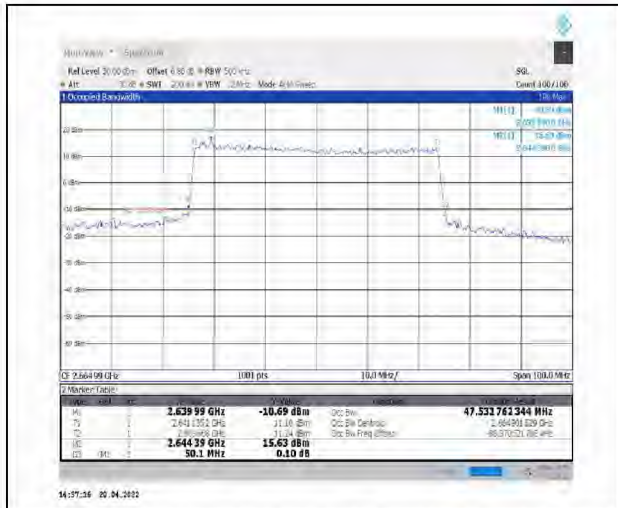


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1-N41--30-50-H-6-CP-QPSK-Outer\_Full-133@0-Ant1-47.533-50.100-<=50-PASS



1-N41--30-50-H-7-CP-16QAM-Outer\_Full-133@0-Ant1-47.594-50.500-<=50-PASS



1-N41--30-50-H-8-CP-64QAM-Outer\_Full-133@0-Ant1-47.579-50.300-<=50-PASS



1-N41--30-50-H-9-CP-256QAM-Outer\_Full-133@0-Ant1-47.499-49.900-<=50-PASS



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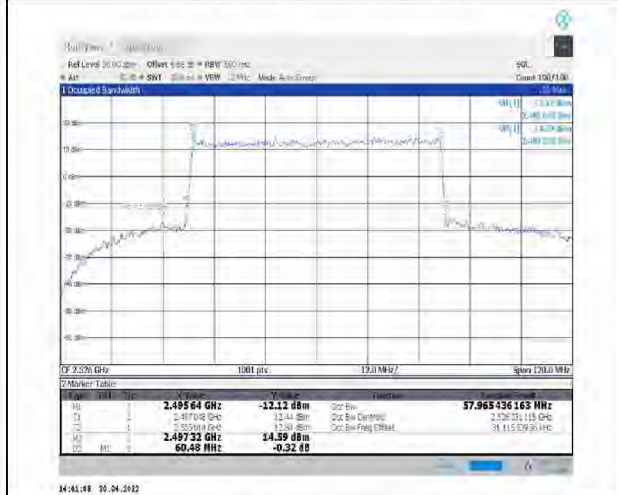




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1-N41--30-60-L-2-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-57.853-60.360-<=60-PASS



1-N41--30-60-L-3-DFT-16QAM-Outer\_Full-162@0-Ant1-57.965-60.480-<=60-PASS



1-N41--30-60-L-4-DFT-64QAM-Outer\_Full-162@0-Ant1-57.986-60.720-<=60-PASS

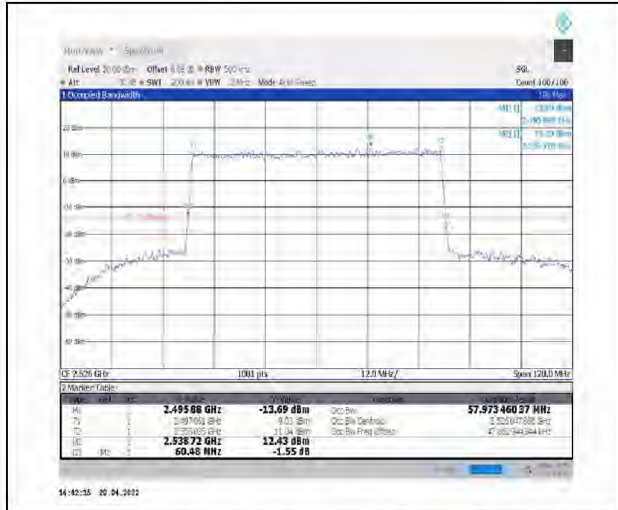


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1-N41--30-60-L-5-DFT-256QAM-Outer\_Full-162@0-Ant1-57.973-60,480-<=60-PASS



1-N41--30-60-L-6-CP-QPSK-Outer\_Full-162@0-Ant1-57.809-60,480-<=60-PASS



1-N41--30-60-L-7-CP-16QAM-Outer\_Full-162@0-Ant1-57.894-60,360-<=60-PASS



1-N41--30-60-L-8-CP-64QAM-Outer\_Full-162@0-Ant1-57.808-60,360-<=60-PASS



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1-N41--30-60-L-9-CP-256QAM-Outer\_Full-162@0-Ant1-57.76-60.480-<math>\leq 60</math>-PASS



1-N41--30-60-M-1-DFT-QPSK-Outer\_Full-162@0-Ant1-57.906-60.720-<math>\leq 60</math>-PASS



1-N41--30-60-M-2-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-57.914-60.480-<math>\leq 60</math>-PASS



1-N41--30-60-M-3-DFT-16QAM-Outer\_Full-162@0-Ant1-58.056-60.360-<math>\leq 60</math>-PASS



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1-N41--30-60-M-4-DFT-64QAM-Outer\_Full-162@0-Ant1-58.078-60.840-<=60-PASS



1-N41--30-60-M-5-DFT-256QAM-Outer\_Full-162@0-Ant1-58.071-60.600-<=60-PASS



1-N41--30-60-M-6-CP-QPSK-Outer\_Full-162@0-Ant1-57.89-60.600-<=60-PASS



1-N41--30-60-M-7-CP-16QAM-Outer\_Full-162@0-Ant1-57.957-60.360-<=60-PASS



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1-N41--30-60-M-8-CP-64QAM-Outer\_Full-162@0-Ant1-57.884-60,480-<=60-PASS



1-N41--30-60-M-9-CP-256QAM-Outer\_Full-162@0-Ant1-57.878-60,360-<=60-PASS



1-N41--30-60-H-1-DFT-QPSK-Outer\_Full-162@0-Ant1-57.893-60,600-<=60-PASS



1-N41--30-60-H-2-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-57.935-60,480-<=60-PASS



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1-N41--30-60-H-3-DFT-16QAM-Outer\_Full-162@0-Ant1-57.998-60.360-≤60-PASS



1-N41--30-60-H-4-DFT-64QAM-Outer\_Full-162@0-Ant1-58.032-60.840-≤60-PASS



1-N41--30-60-H-5-DFT-256QAM-Outer\_Full-162@0-Ant1-58.042-60.480-≤60-PASS



1-N41--30-60-H-6-CP-QPSK-Outer\_Full-162@0-Ant1-57.905-60.480-≤60-PASS



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1-N41--30-60-H-7-CP-16QAM-Outer\_Full-162@0-Ant1-57.945-60.480-<60-PASS



1-N41--30-60-H-8-CP-64QAM-Outer\_Full-162@0-Ant1-57.883-60.480-<60-PASS



1-N41--30-60-H-9-CP-256QAM-Outer\_Full-162@0-Ant1-57.861-60.360-<60-PASS



1-N41--30-70-L-1-DFT-QPSK-Outer\_Full-180@0-Ant1-64.281-67.060-<70-PASS



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1-N41--30-70-L-2-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-64.137-66.780-<=70-PASS



1-N41--30-70-L-3-DFT-16QAM-Outer\_Full-180@0-Ant1-64.201-66.920-<=70-PASS



1-N41--30-70-L-4-DFT-64QAM-Outer\_Full-180@0-Ant1-64.231-67.200-<=70-PASS



1-N41--30-70-L-5-DFT-256QAM-Outer\_Full-180@0-Ant1-64.272-66.780-<=70-PASS



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1-N41--30-70-L-6-CP-QPSK-Outer\_Full-189@0-Ant1-67.529-70.140-<70-PASS



1-N41--30-70-L-7-CP-16QAM-Outer\_Full-189@0-Ant1-67.458-74.060-<70-PASS



1-N41--30-70-L-8-CP-64QAM-Outer\_Full-189@0-Ant1-67.323-70.280-<70-PASS



1-N41--30-70-L-9-CP-256QAM-Outer\_Full-189@0-Ant1-67.441-70.140-<70-PASS



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1-N41--30-70-M-1-DFT-QPSK-Outer\_Full-180@0-Ant1-64.366-67.060-<70-PASS



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1-N41--30-70-M-3-DFT-16QAM-Outer\_Full-180@0-Ant1-64.321-66.920-<70-PASS



1-N41--30-70-M-4-DFT-64QAM-Outer\_Full-180@0-Ant1-64.367-67.060-<70-PASS



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1-N41--30-70-M-5-DFT-256QAM-Outer\_Full-180@0-Ant1-64.39-67.060-<70-PASS



1-N41--30-70-M-6-CP-QPSK-Outer\_Full-189@0-Ant1-67.681-70.280-<70-PASS



1-N41--30-70-M-7-CP-16QAM-Outer\_Full-189@0-Ant1-67.574-70.140-<70-PASS



1-N41--30-70-M-8-CP-64QAM-Outer\_Full-189@0-Ant1-67.452-70.280-<70-PASS



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Rev.: 01

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1-N41--30-70-M-9-CP-256QAM-Outer\_Full-189@0-Ant1-67.564-70.140-<=70-PASS



1-N41--30-70-H-1-DFT-QPSK-Outer\_Full-180@0-Ant1-64.208-66.640-<=70-PASS



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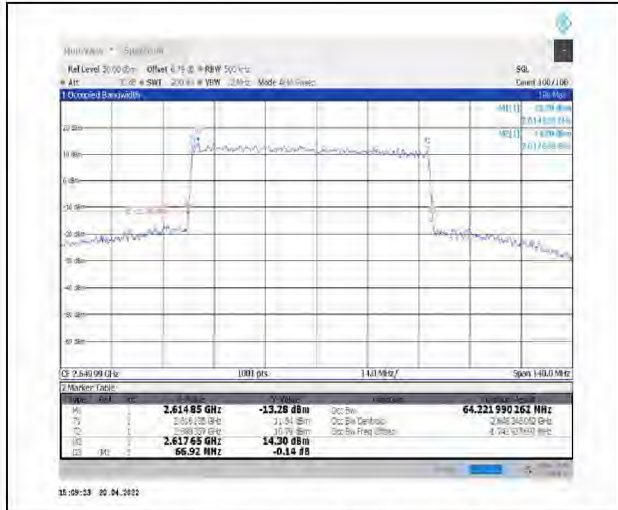


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1-N41--30-70-H-4-DFT-64QAM-Outer\_Full-180@0-Ant1-64.222-66.920-<70-PASS



1-N41--30-70-H-5-DFT-256QAM-Outer\_Full-180@0-Ant1-64.263-66.920-<70-PASS



1-N41--30-70-H-6-CP-QPSK-Outer\_Full-189@0-Ant1-67.59-70.140-<70-PASS



1-N41--30-70-H-7-CP-16QAM-Outer\_Full-189@0-Ant1-67.436-70.280-<70-PASS



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1-N41--30-70-H-8-CP-64QAM-Outer\_Full-189@0-Ant1-67.296-70.000-<=70-PASS



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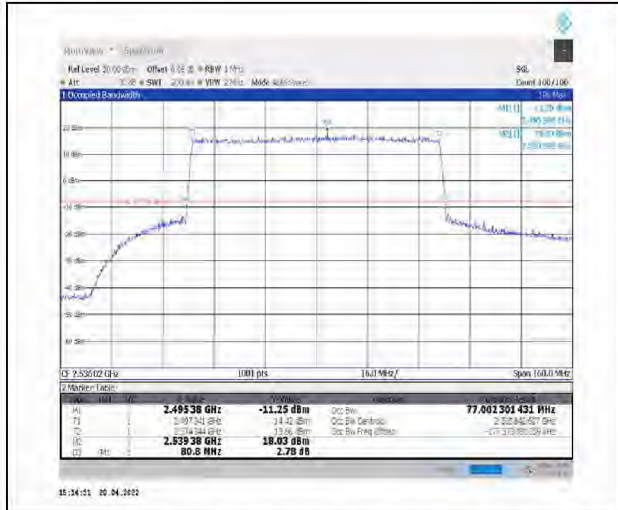


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1-N41--30-80-L-6-CP-QPSK-Outer\_Full-217@0-Ant1-77.614-80.960-<80-PASS



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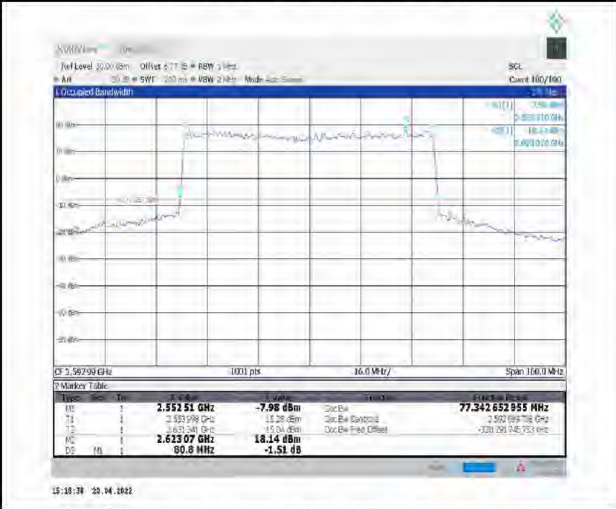
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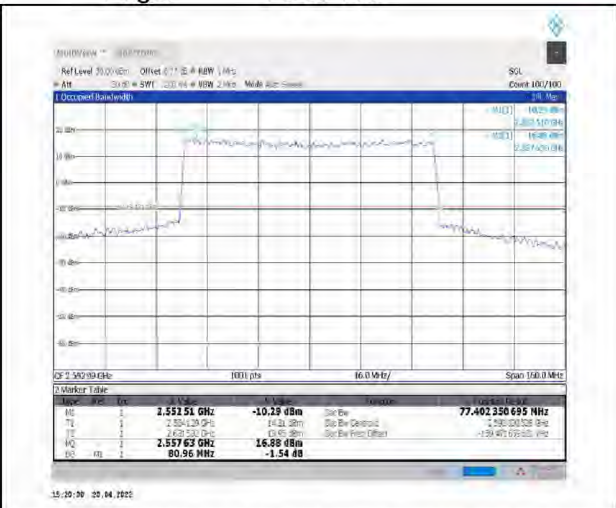
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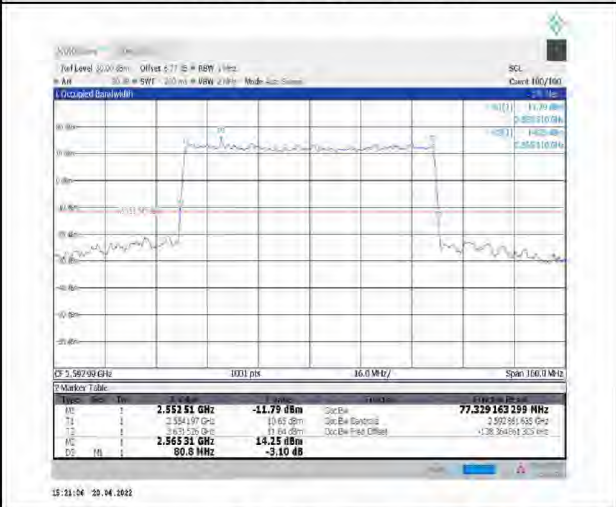
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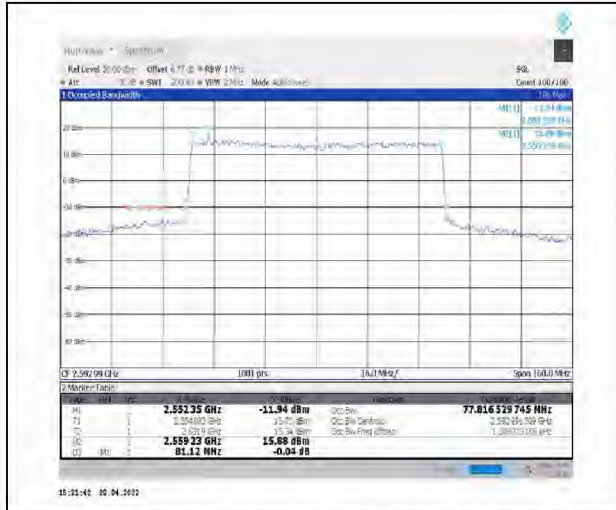


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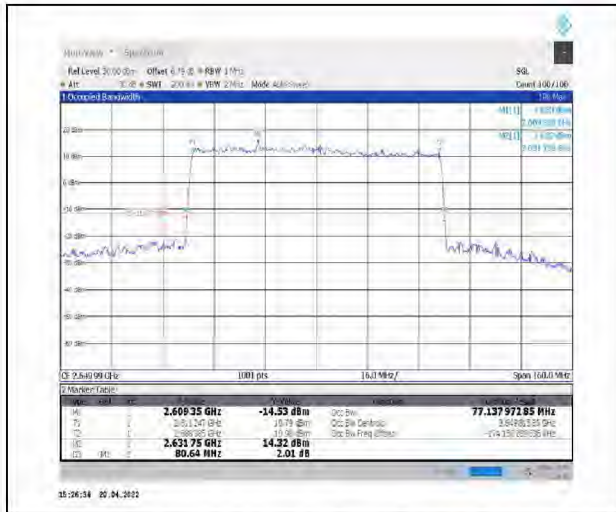
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1-N41--30-80-H-8-CP-64QAM-Outer\_Full-217@0-Ant1-77.42-81.120-<80-PASS



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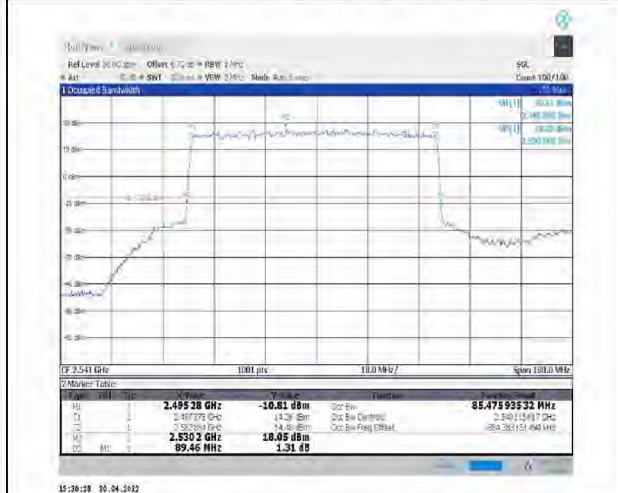




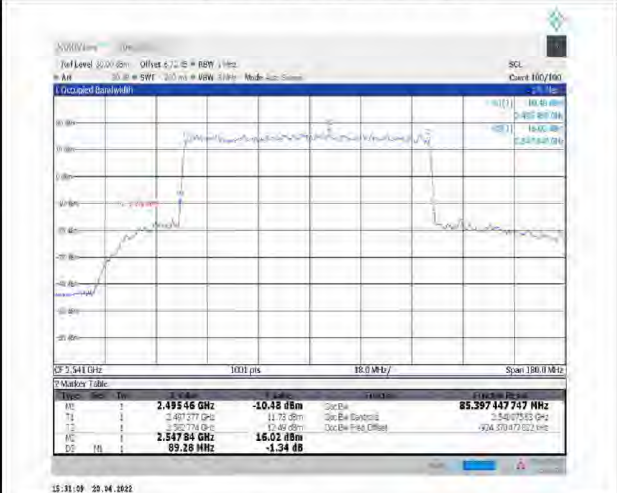
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1-N41--30-90-L-3-DFT-16QAM-Outer\_Full-240@0-Ant1-85.397-89.280-<90-PASS



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1-N41--30-90-L-4-DFT-64QAM-Outer\_Full-240@0-Ant1-85.665-89.460-<90-PASS



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1-N41--30-90-L-8-CP-64QAM-Outer\_Full-245@0-Ant1-87.293-91.080-<90-PASS



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1-N41--30-90-M-2-DFT-PI2BPSK-Outer\_Full-240@0-Ant1-85.81-89.640-<90-PASS



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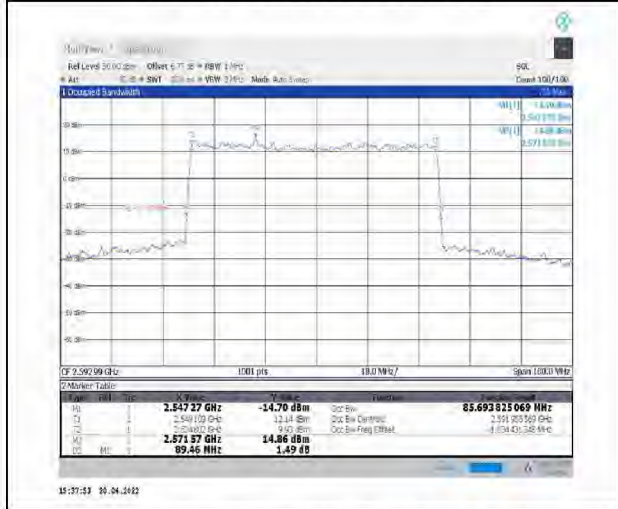
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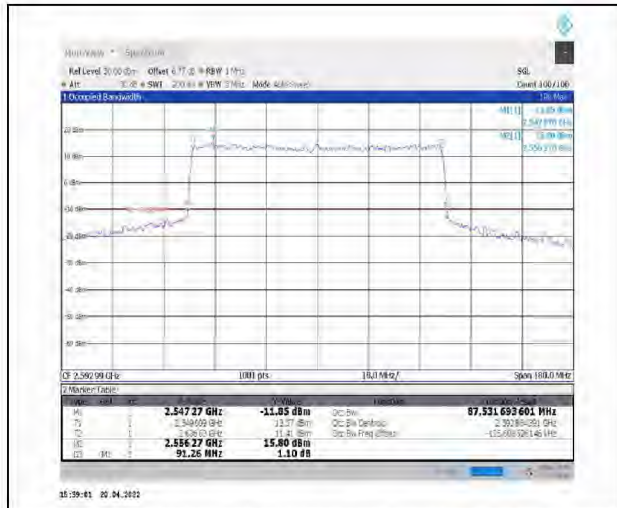
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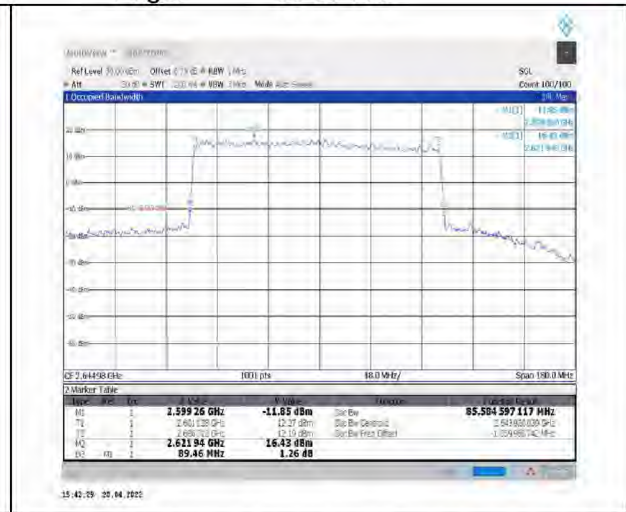
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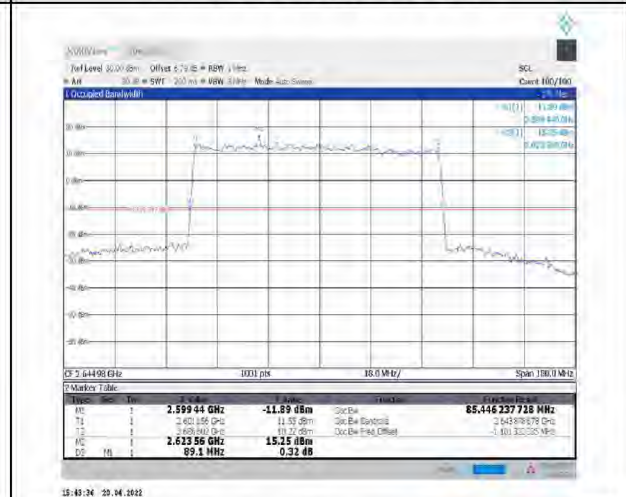
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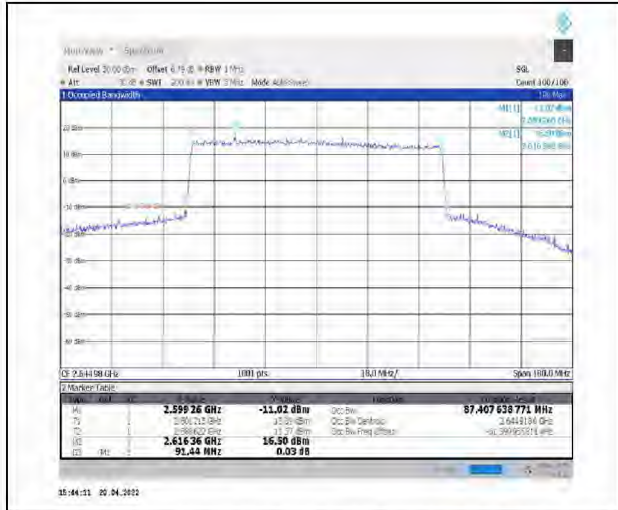
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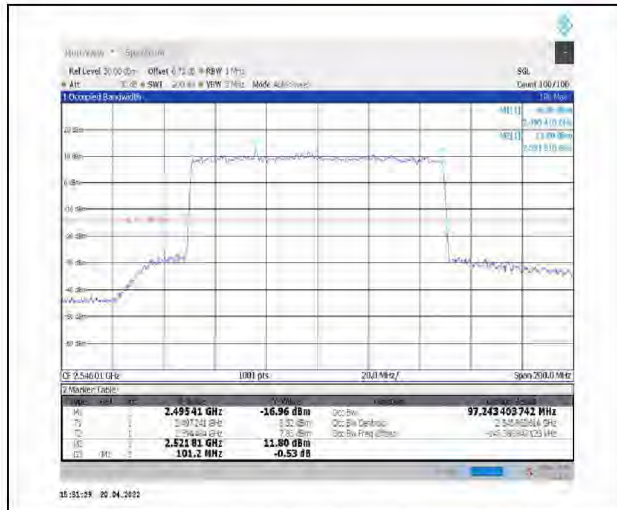


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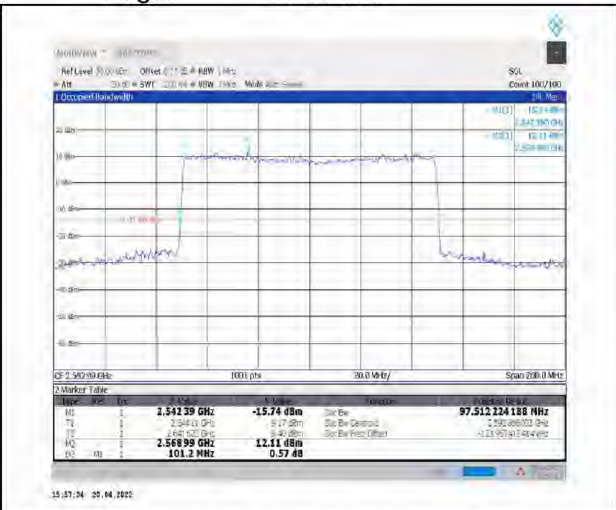
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1-N41--30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant1-97.656-101.400-<=100-PASS



1-N41--30-100-M-9-CP-256QAM-Outer\_Full-273@0-Ant1-97.512-101.200-<=100-PASS



1-N41--30-100-H-1-DFT-QPSK-Outer\_Full-270@0-Ant1-96.157-100.200-<=100-PASS



1-N41--30-100-H-2-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-96.166-100.200-<=100-PASS



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1-N41--30-100-H-3-DFT-16QAM-Outer\_Full-270@0-Ant1-96.149-100.200-<=100-PASS



1-N41--30-100-H-4-DFT-64QAM-Outer\_Full-270@0-Ant1-96.112-100.200-<=100-PASS



1-N41--30-100-H-5-DFT-256QAM-Outer\_Full-270@0-Ant1-96.355-100.200-<=100-PASS



1-N41--30-100-H-6-CP-QPSK-Outer\_Full-273@0-Ant1-97.3-101.400-<=100-PASS



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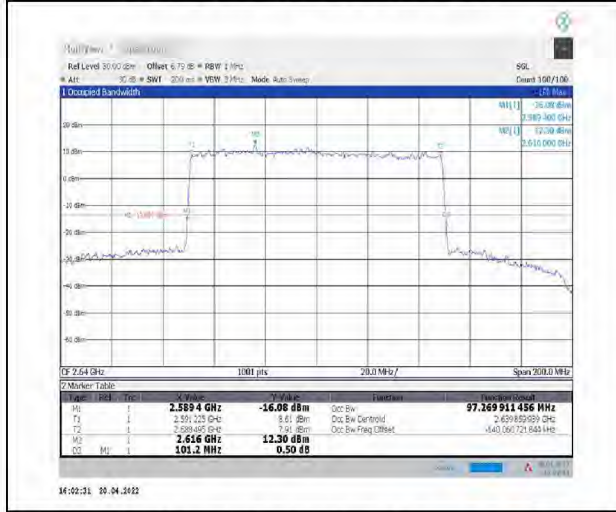
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1-N41--30-100-H-9-CP-256QAM-Outer\_Full-273@0-Ant1-97.27-101.200-<=100-PASS



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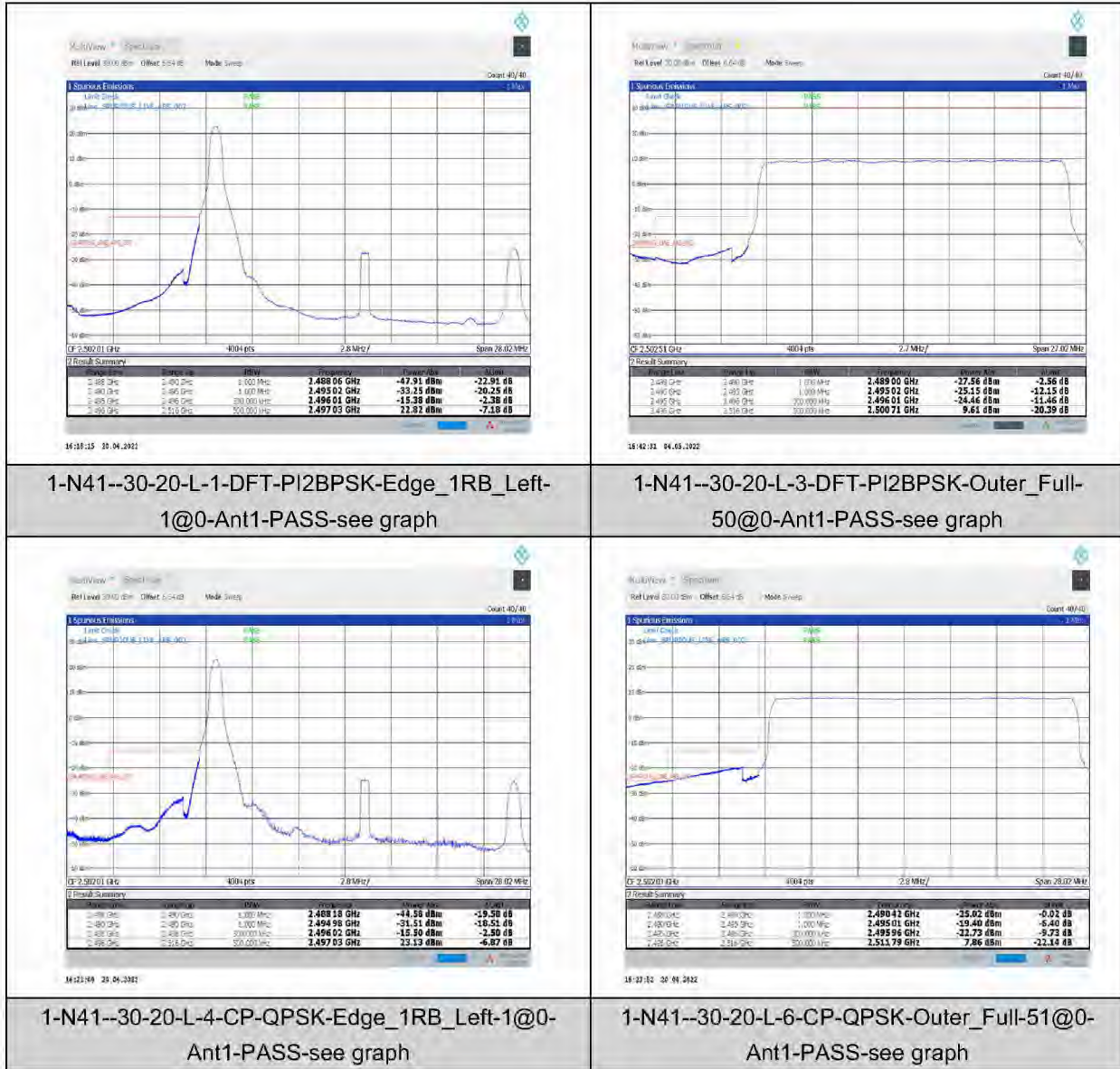
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## Band Edge for SA

### Test Graphs

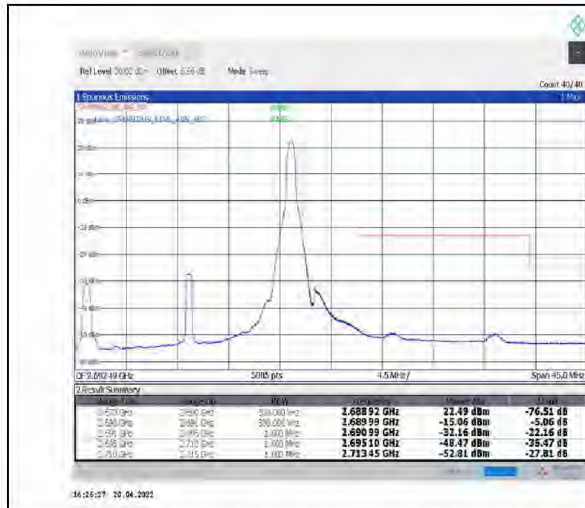


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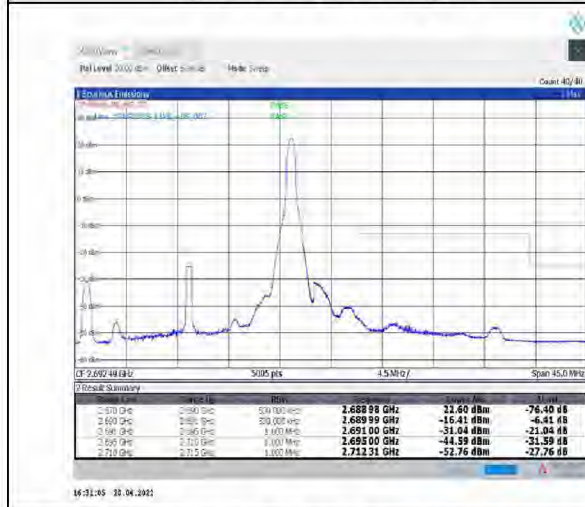




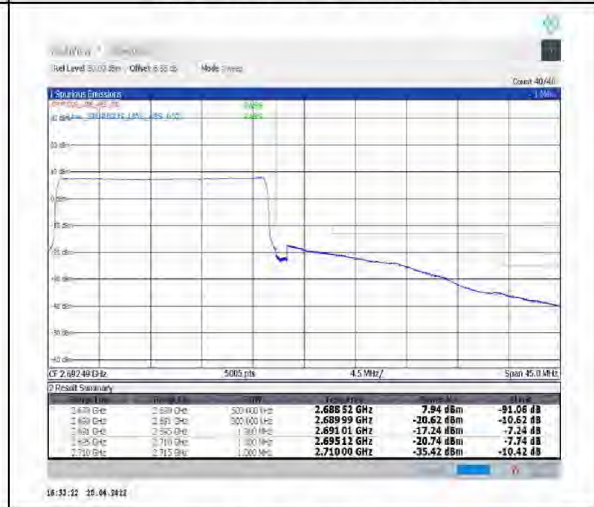
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1-N41--30-20-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-PASS-see graph



1-N41--30-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph



1-N41--30-20-H-6-CP-QPSK-Outer\_Full-51@0-Ant1-PASS-see graph



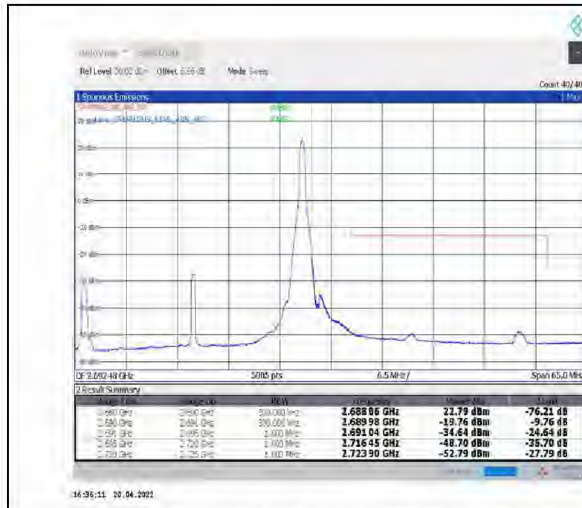
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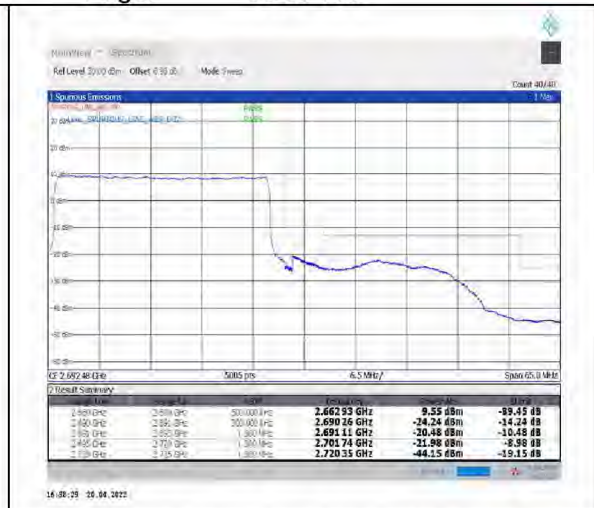
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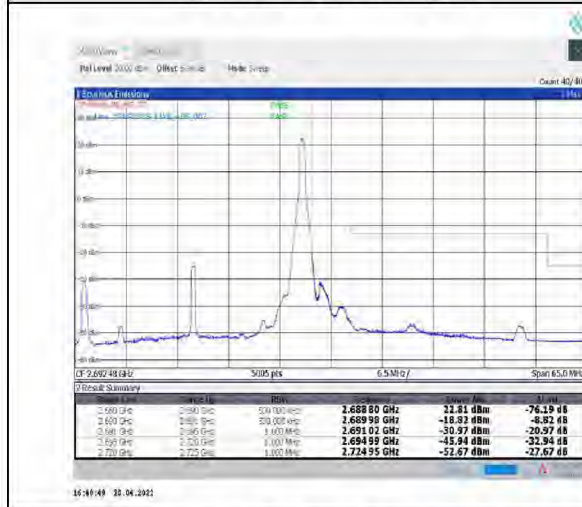




1-N41--30-30-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@77-Ant1-PASS-see graph



1-N41--30-30-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-PASS-see graph



1-N41--30-30-H-5-CP-QPSK-Edge\_1RB\_Right-1@77-Ant1-PASS-see graph



1-N41--30-30-H-6-CP-QPSK-Outer\_Full-78@0-Ant1-PASS-see graph



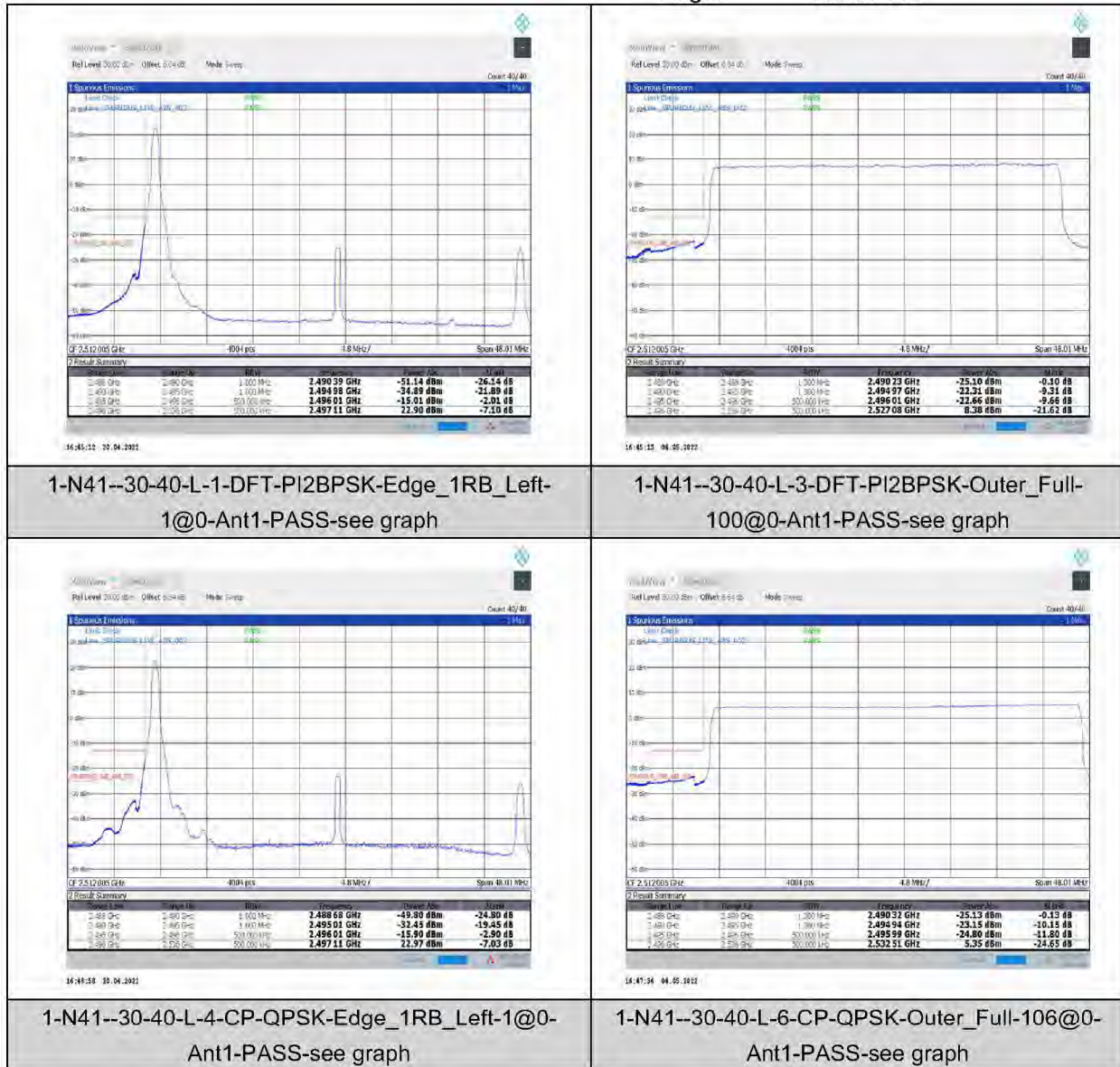
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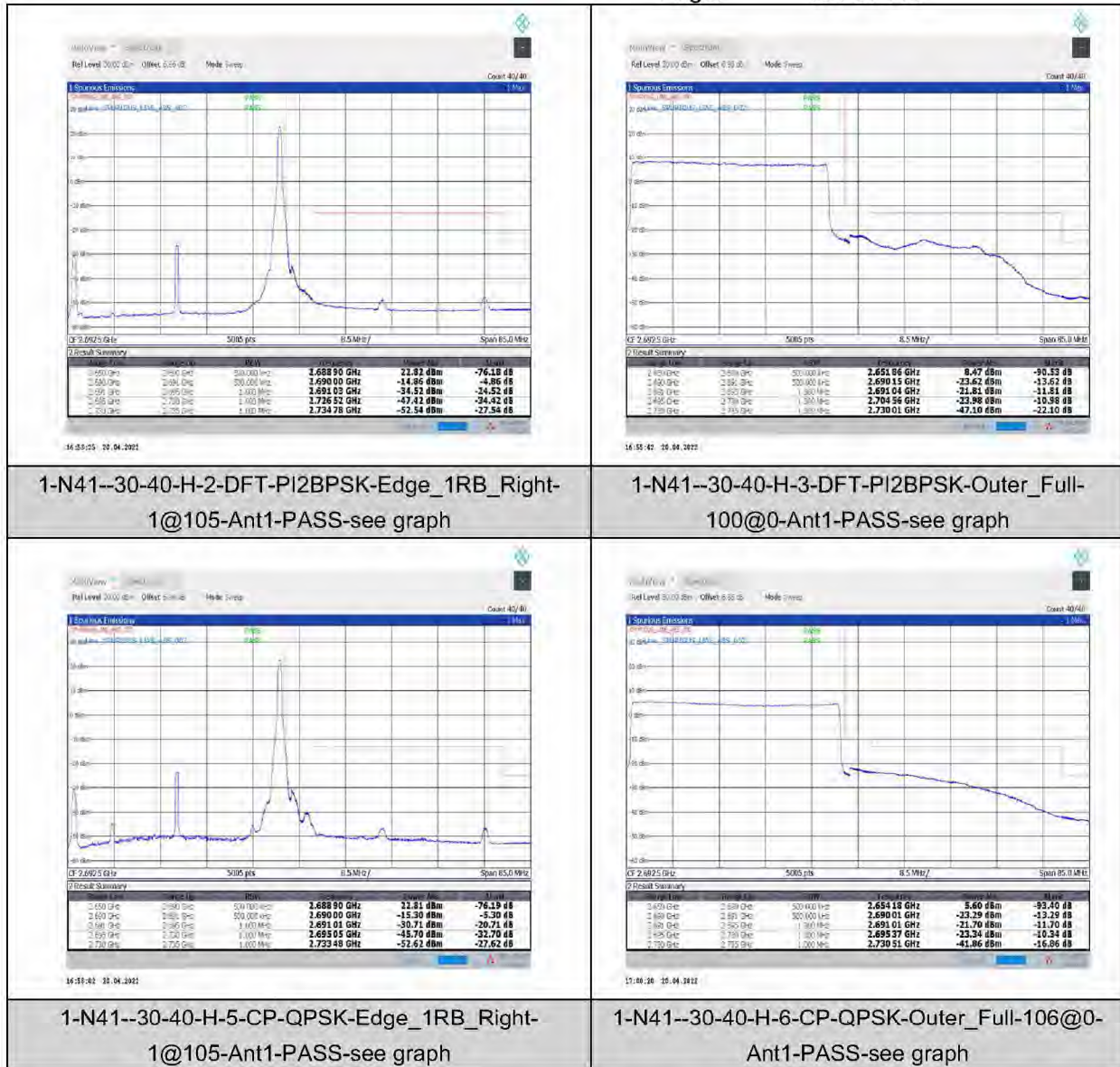
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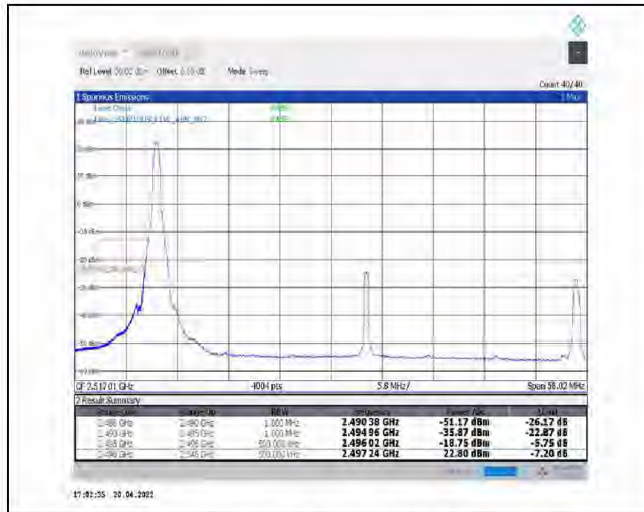




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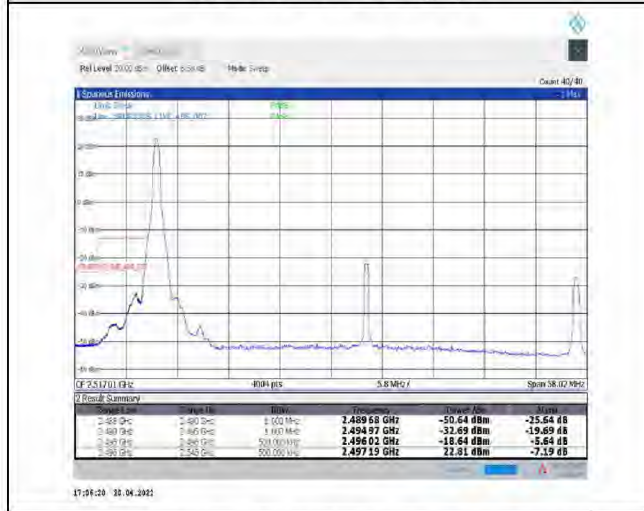




1-N41--30-50-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



1-N41--30-50-L-3-DFT-PI2BPSK-Outer\_Full-128@0-Ant1-PASS-see graph



1-N41--30-50-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



1-N41--30-50-L-6-CP-QPSK-Outer\_Full-133@0-Ant1-PASS-see graph



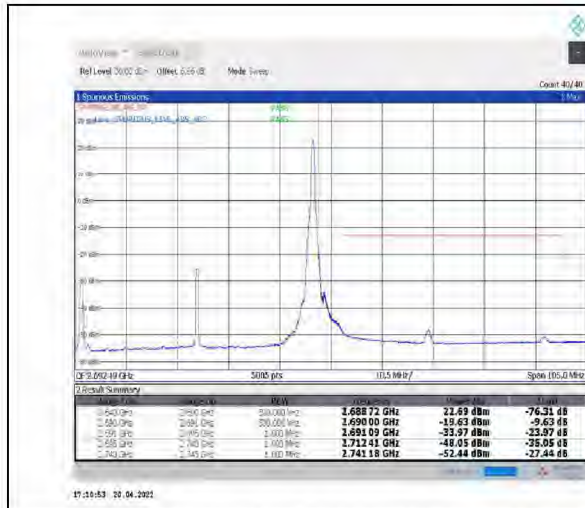
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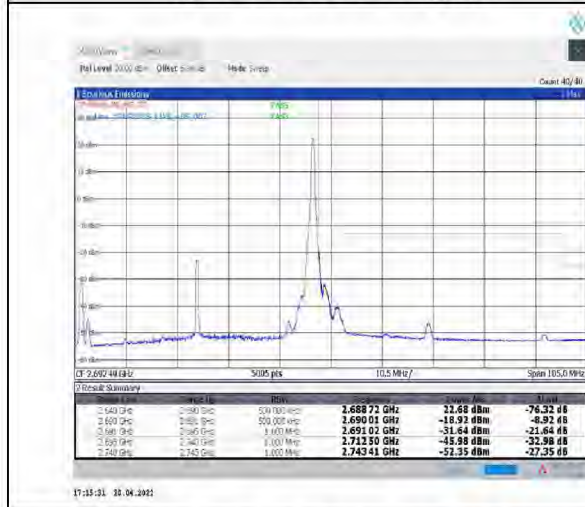




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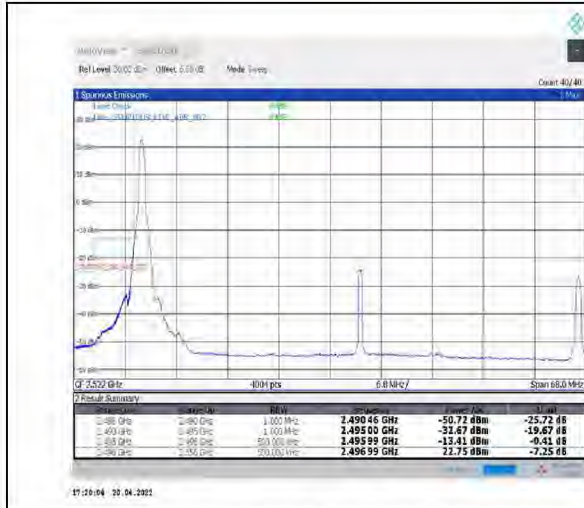
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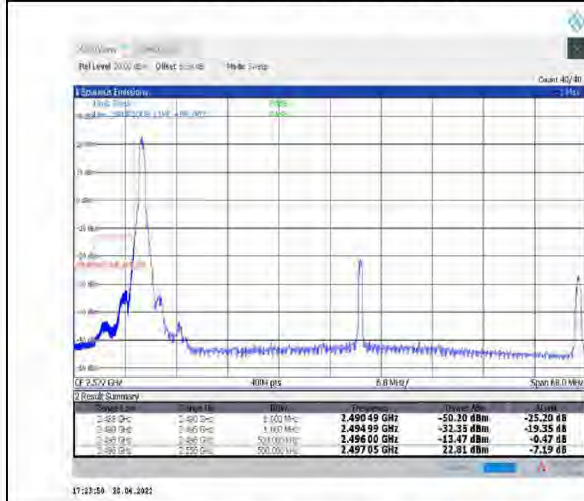




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1-N41--30-60-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



1-N41--30-60-L-6-CP-QPSK-Outer\_Full-162@0-Ant1-PASS-see graph



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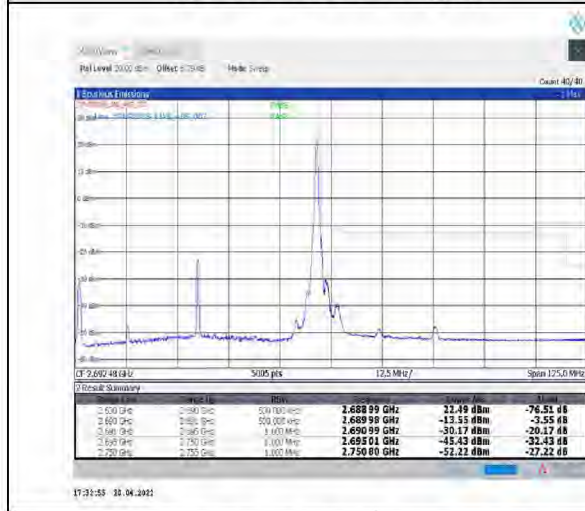




1-N41--30-60-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@161-Ant1-PASS-see graph



1-N41--30-60-H-3-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-PASS-see graph



1-N41--30-60-H-5-CP-QPSK-Edge\_1RB\_Right-1@161-Ant1-PASS-see graph



1-N41--30-60-H-6-CP-QPSK-Outer\_Full-162@0-Ant1-PASS-see graph



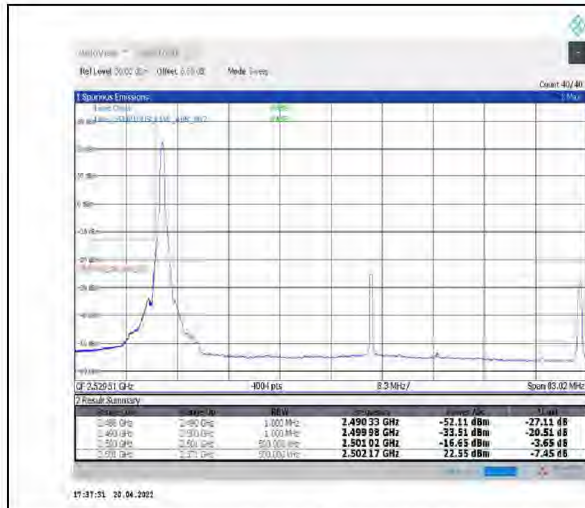
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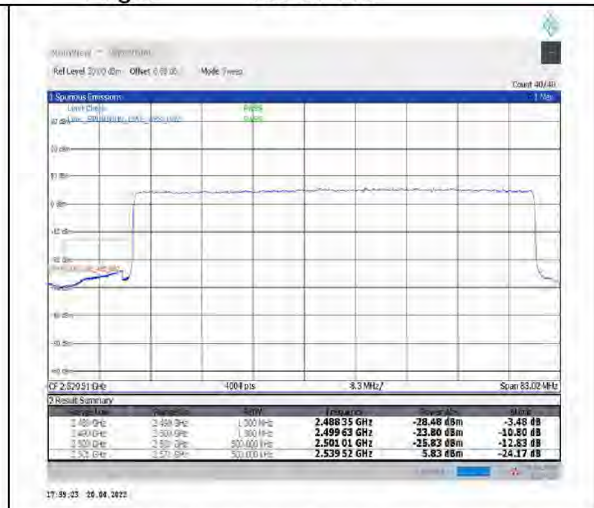
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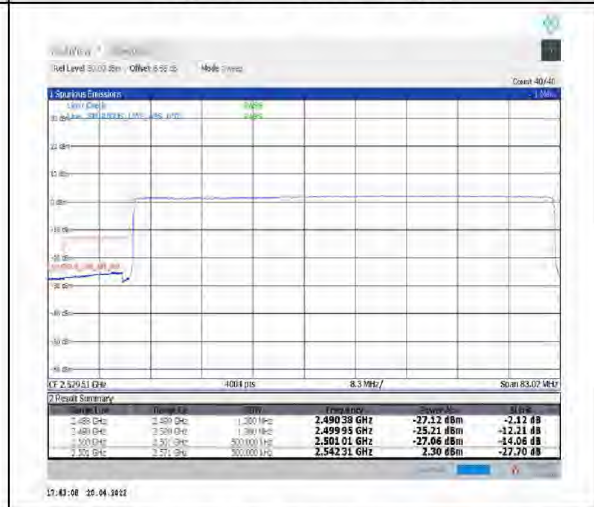
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1-N41--30-70-L-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-PASS-see graph



1-N41--30-70-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



1-N41--30-70-L-6-CP-QPSK-Outer\_Full-189@0-Ant1-PASS-see graph



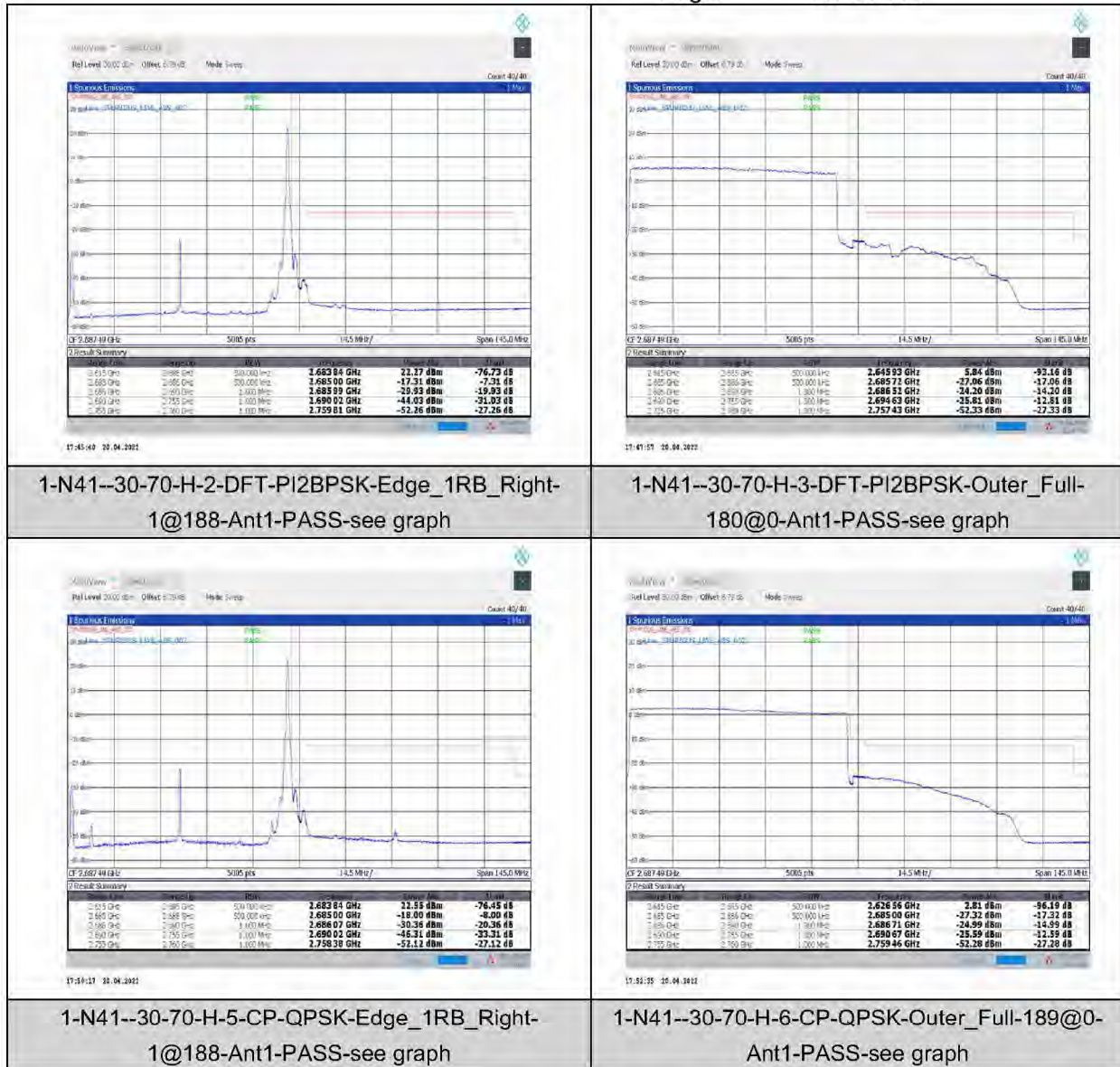
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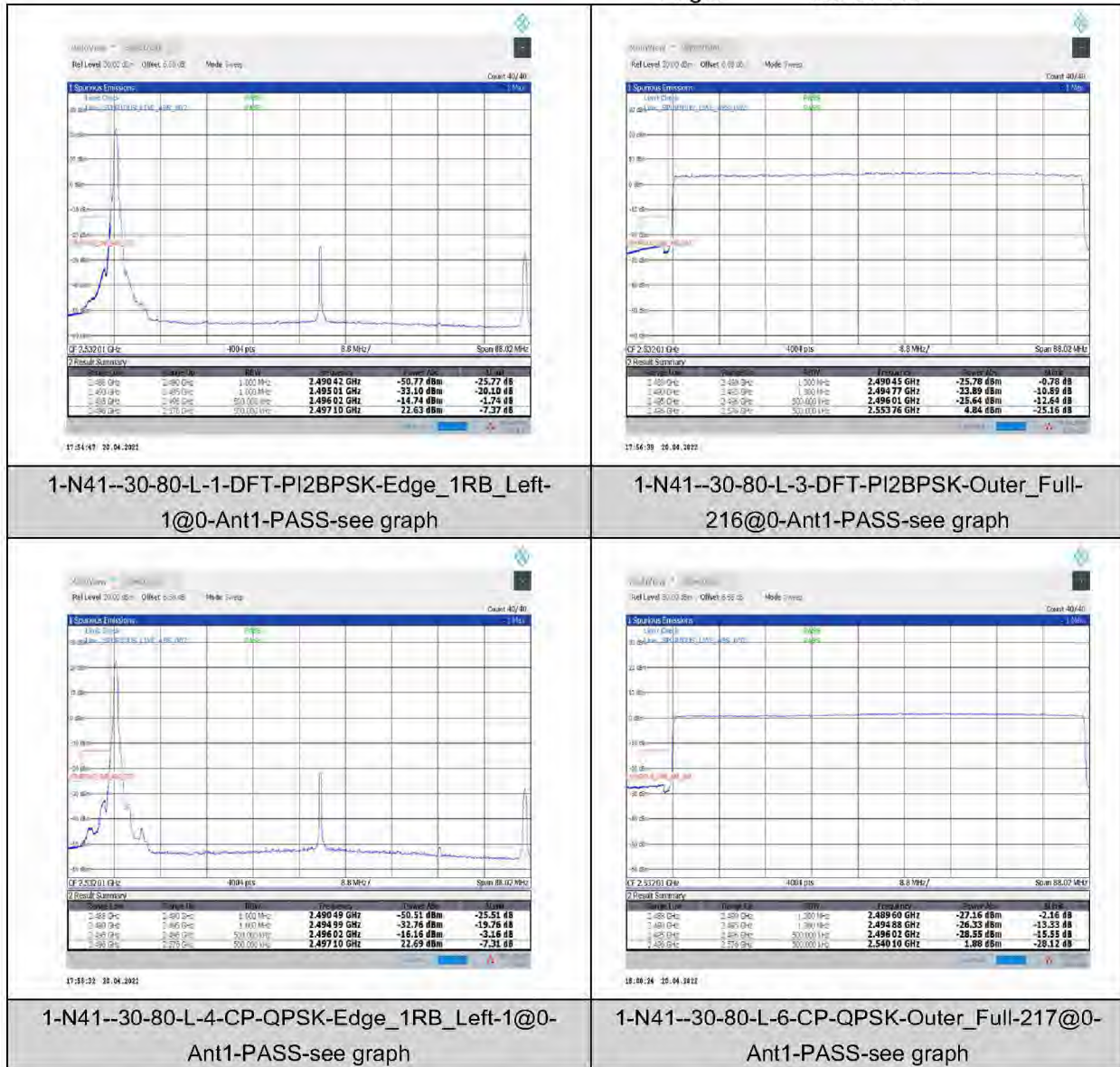


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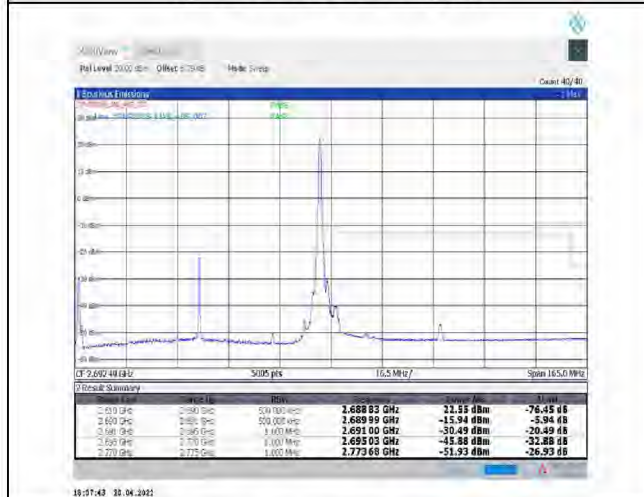




1-N41--30-80-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@216-Ant1-PASS-see graph



1-N41--30-80-H-3-DFT-PI2BPSK-Outer\_Full-216@0-Ant1-PASS-see graph



1-N41--30-80-H-5-CP-QPSK-Edge\_1RB\_Right-1@216-Ant1-PASS-see graph



1-N41--30-80-H-6-CP-QPSK-Outer\_Full-217@0-Ant1-PASS-see graph



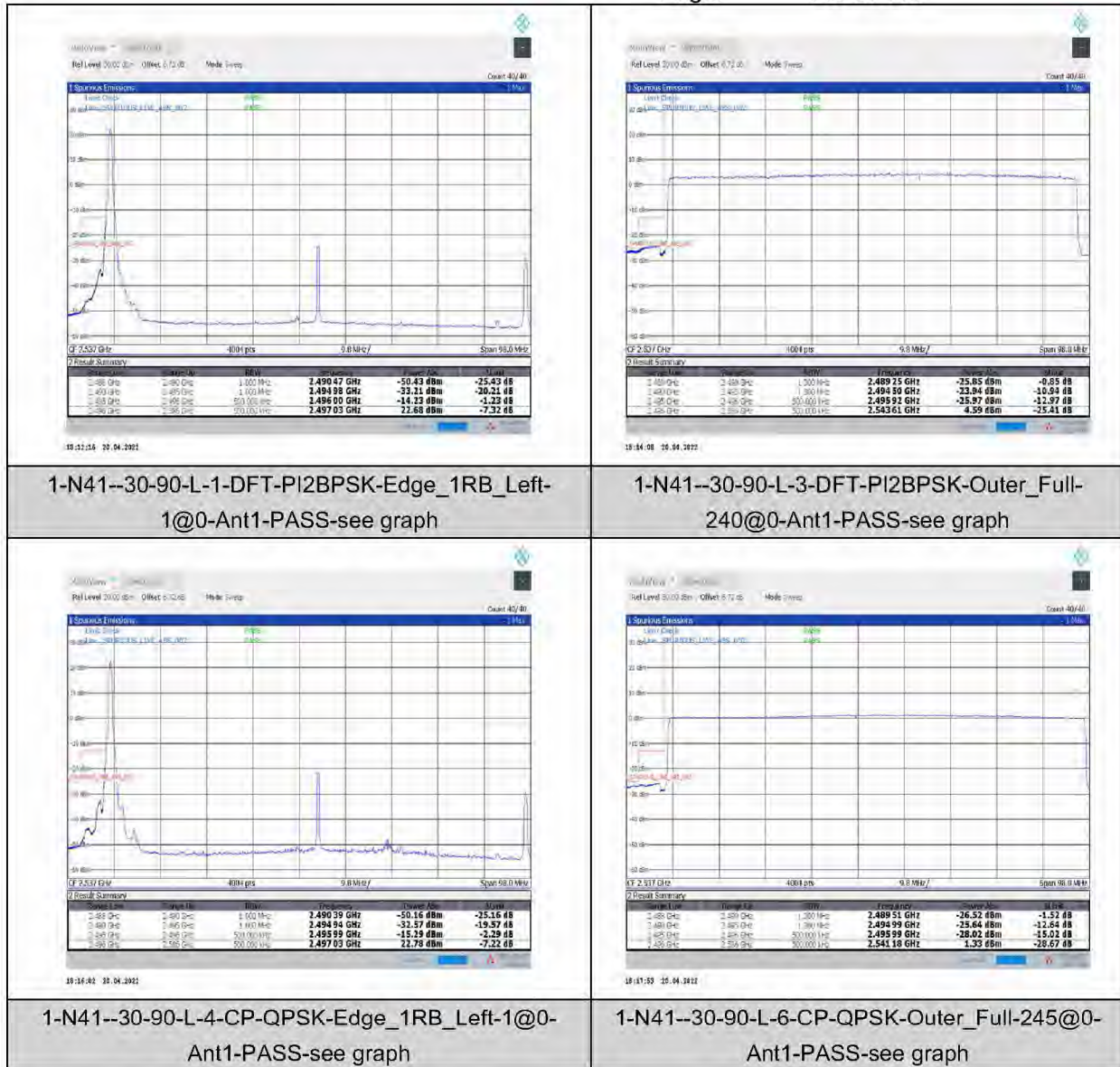
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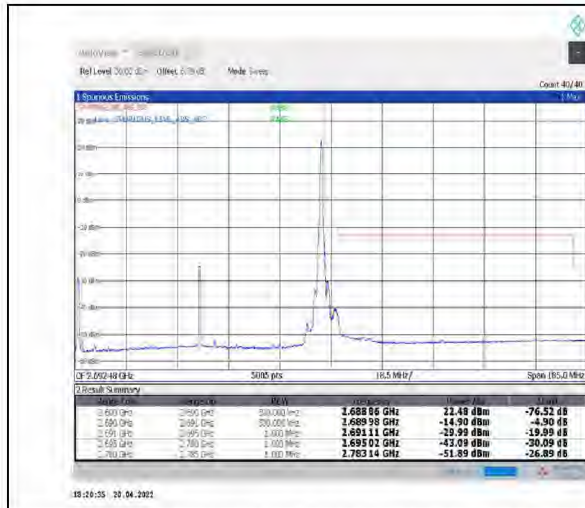


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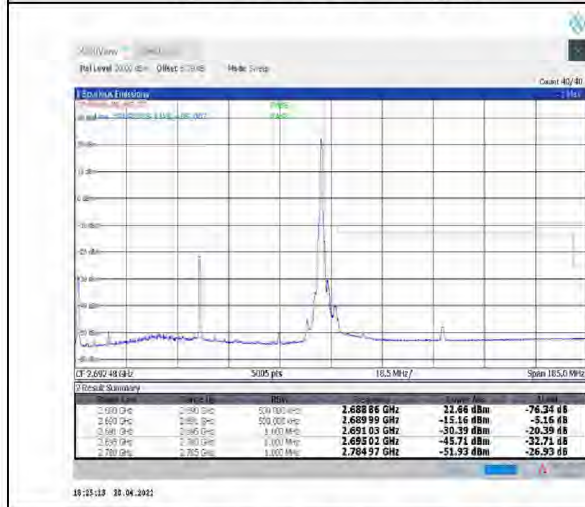




1-N41--30-90-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@244-Ant1-PASS-see graph



1-N41--30-90-H-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant1-PASS-see graph



1-N41--30-90-H-5-CP-QPSK-Edge\_1RB\_Right-1@244-Ant1-PASS-see graph



1-N41--30-90-H-6-CP-QPSK-Outer\_Full-245@0-Ant1-PASS-see graph



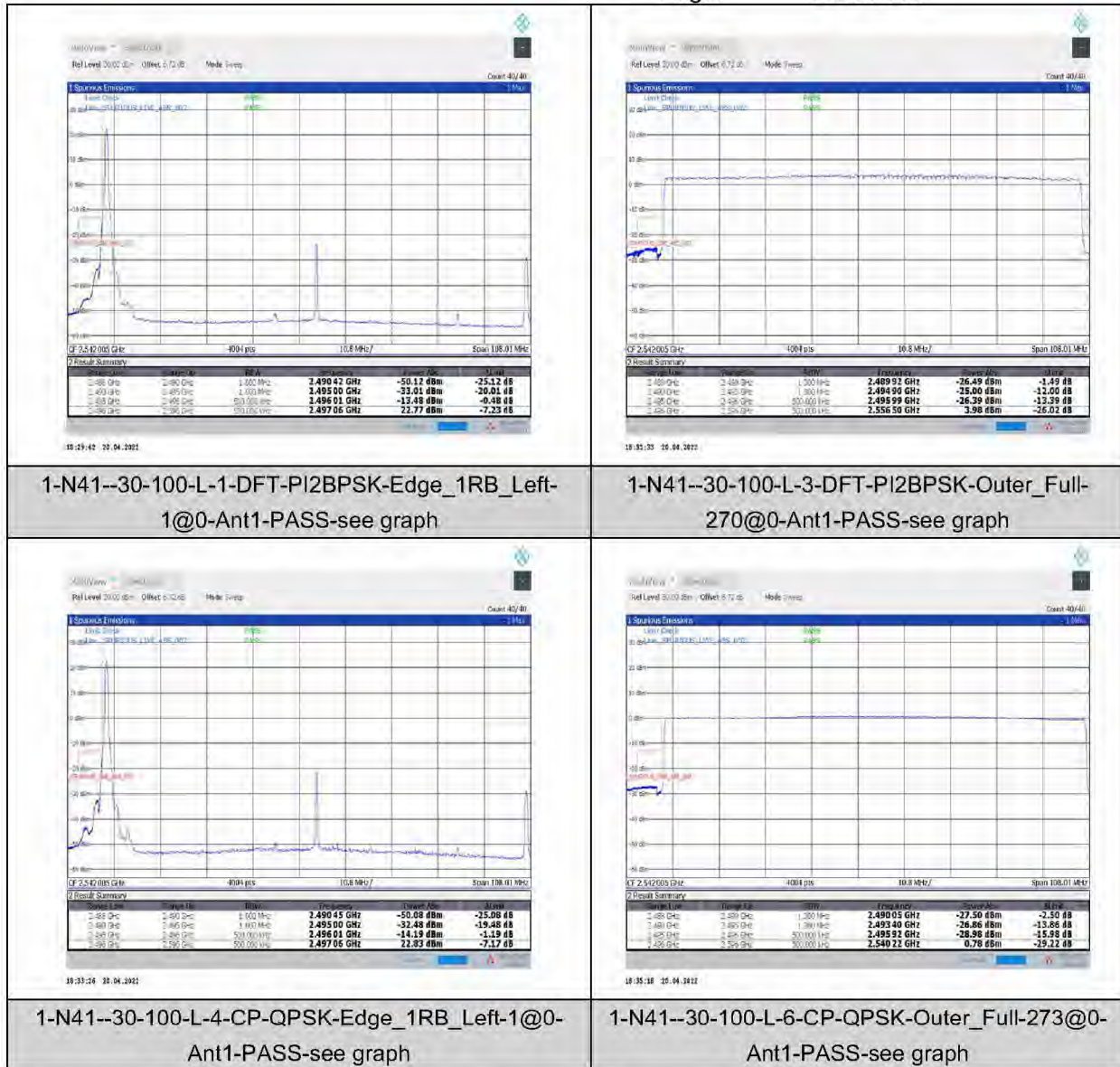
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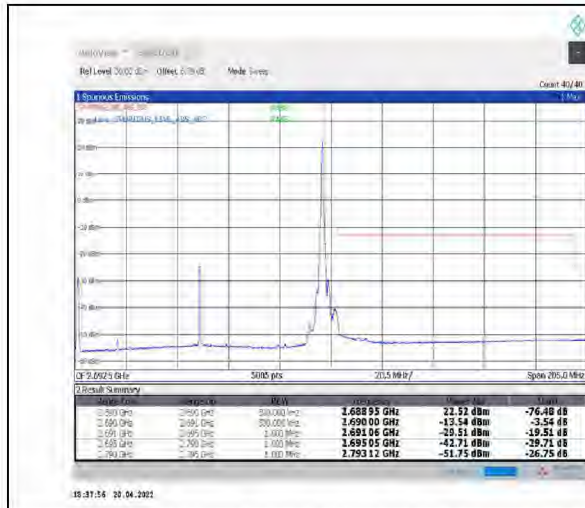
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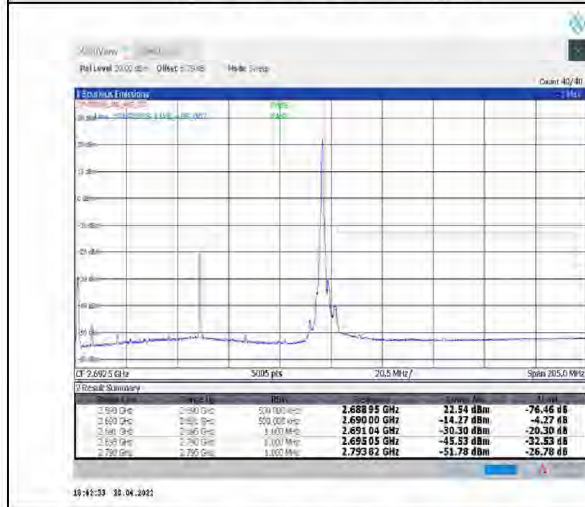




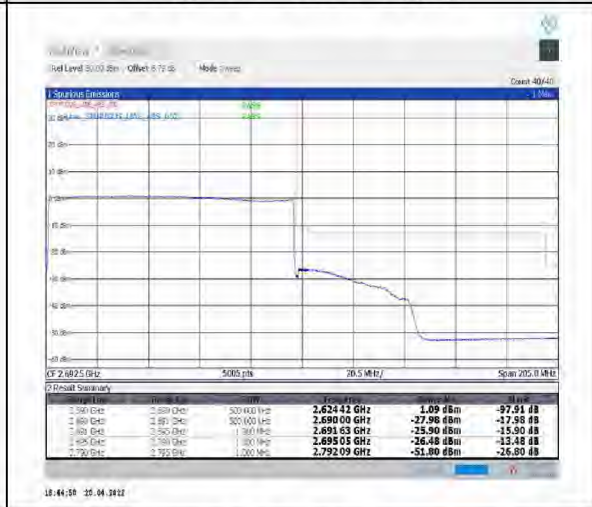
1-N41--30-100-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@272-Ant1-PASS-see graph



1-N41--30-100-H-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-PASS-see graph



1-N41--30-100-H-5-CP-QPSK-Edge\_1RB\_Right-1@272-Ant1-PASS-see graph



1-N41--30-100-H-6-CP-QPSK-Outer\_Full-273@0-Ant1-PASS-see graph



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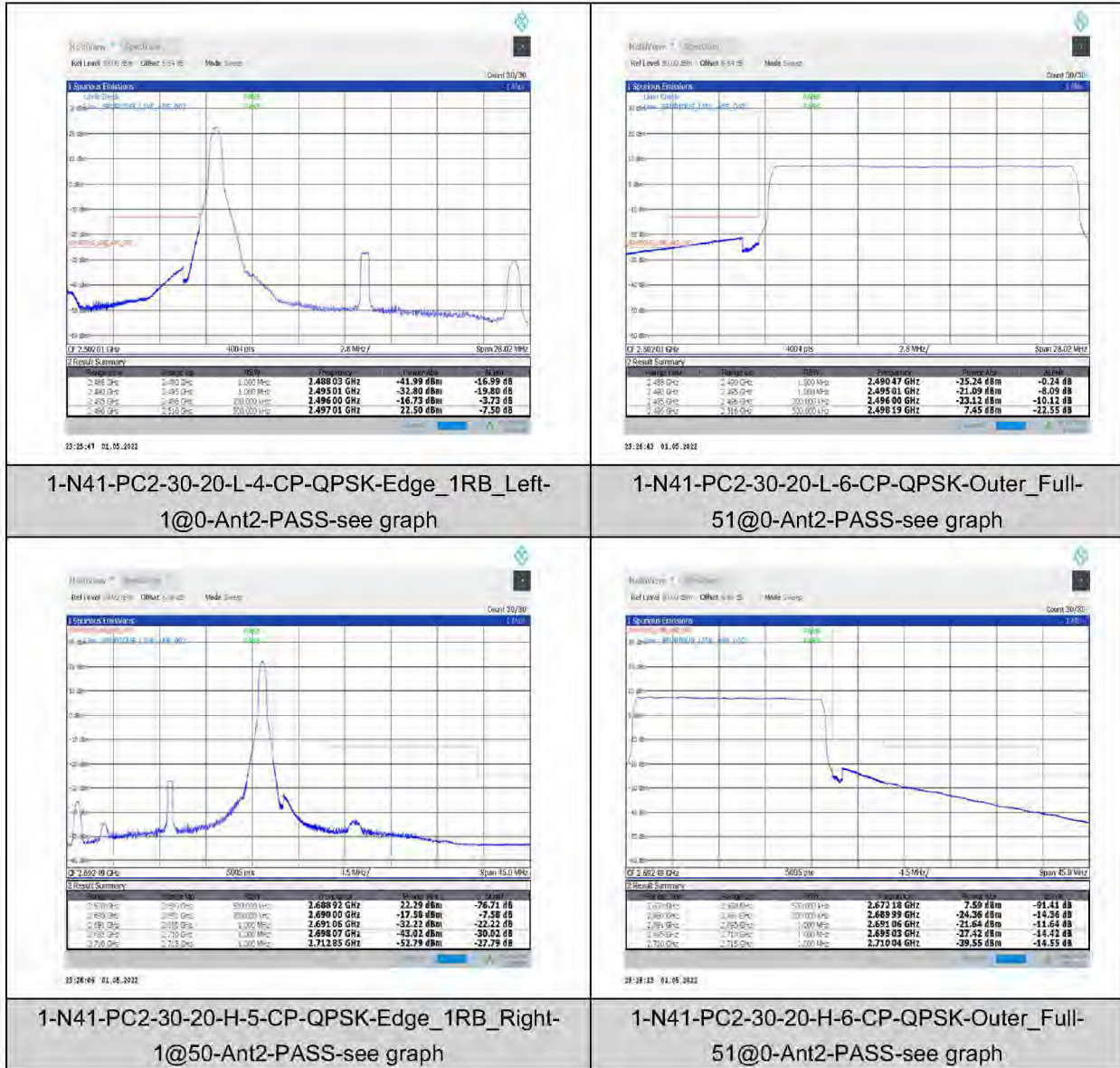
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## Band Edge for MIMO

### Test Graphs



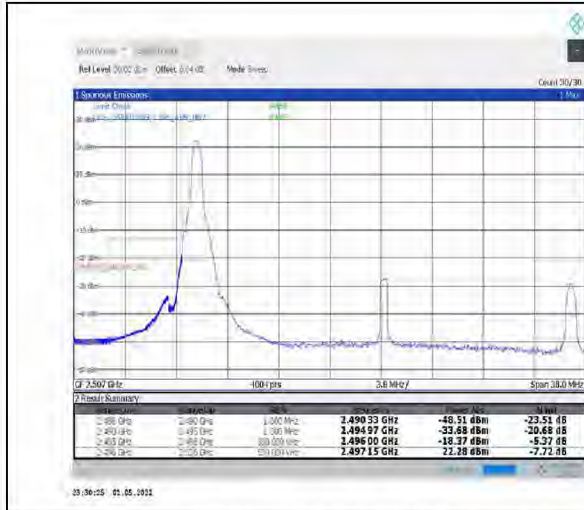
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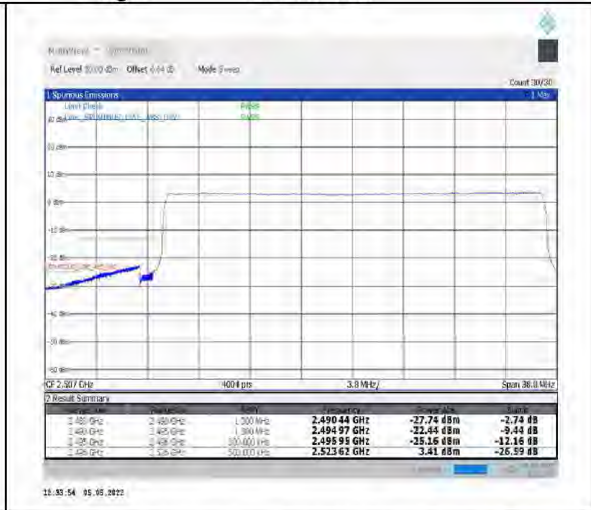
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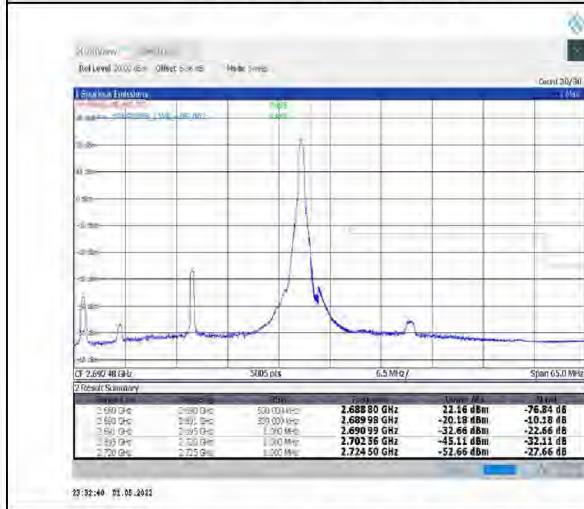




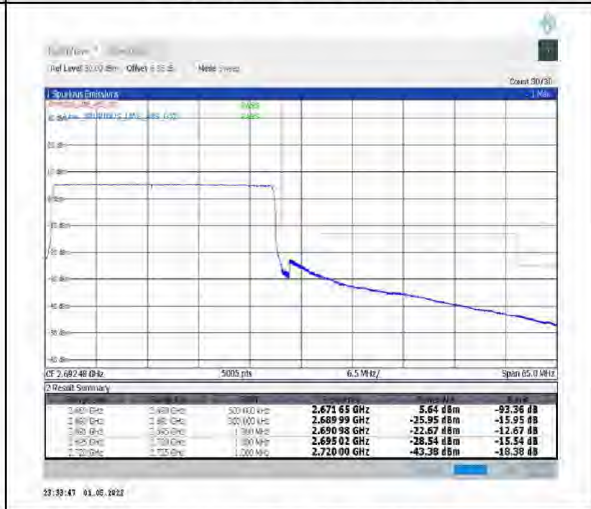
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1-N41-PC2-30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant2-PASS-see graph



1-N41-PC2-30-30-H-5-CP-QPSK-Edge\_1RB\_Right-1@77-Ant2-PASS-see graph



1-N41-PC2-30-30-H-6-CP-QPSK-Outer\_Full-78@0-Ant2-PASS-see graph



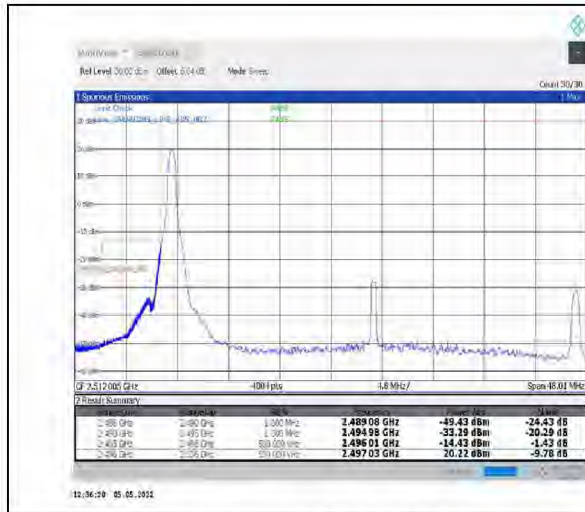
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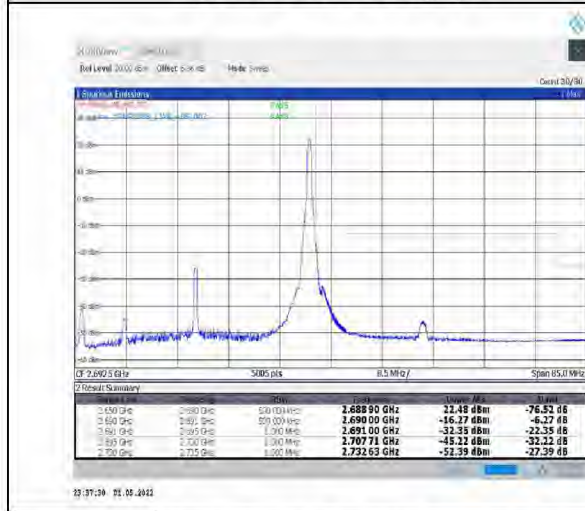




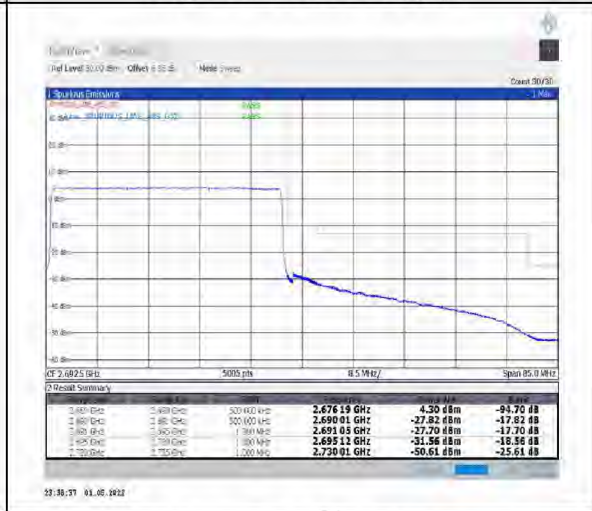
1-N41-PC2-30-40-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant2-PASS-see graph



1-N41-PC2-30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant2-PASS-see graph



1-N41-PC2-30-40-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant2-PASS-see graph



1-N41-PC2-30-40-H-6-CP-QPSK-Outer\_Full-106@0-Ant2-PASS-see graph



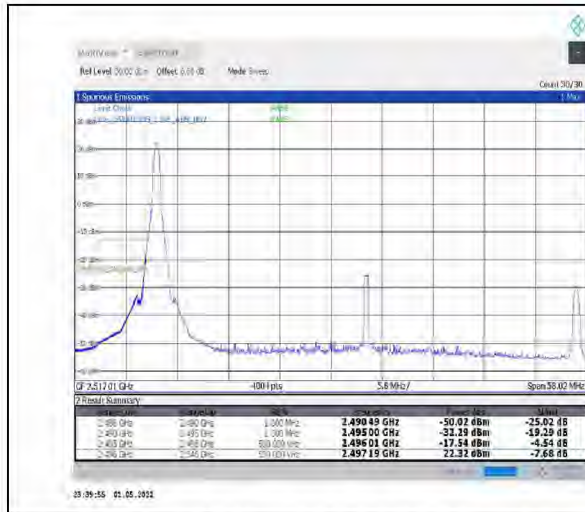
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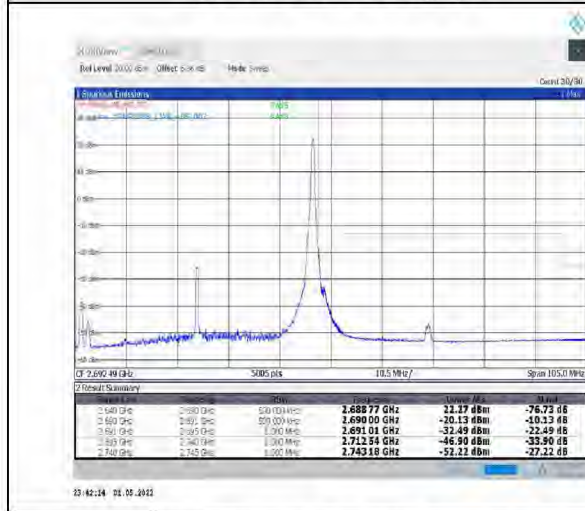




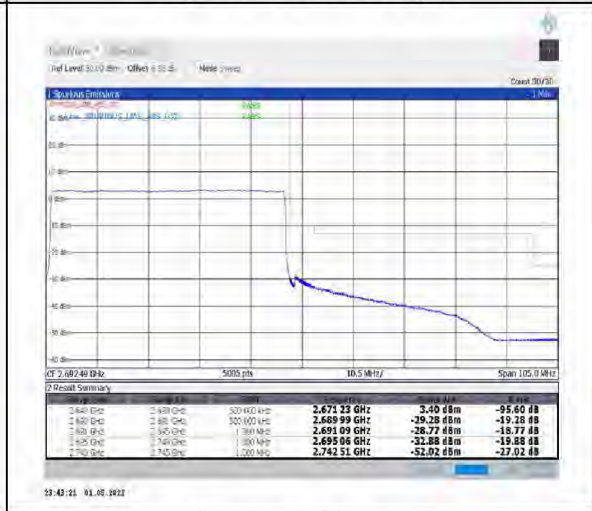
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1-N41-PC2-30-50-L-6-CP-QPSK-Outer\_Full-133@0-Ant2-PASS-see graph



1-N41-PC2-30-50-H-5-CP-QPSK-Edge\_1RB\_Right-1@132-Ant2-PASS-see graph



1-N41-PC2-30-50-H-6-CP-QPSK-Outer\_Full-133@0-Ant2-PASS-see graph



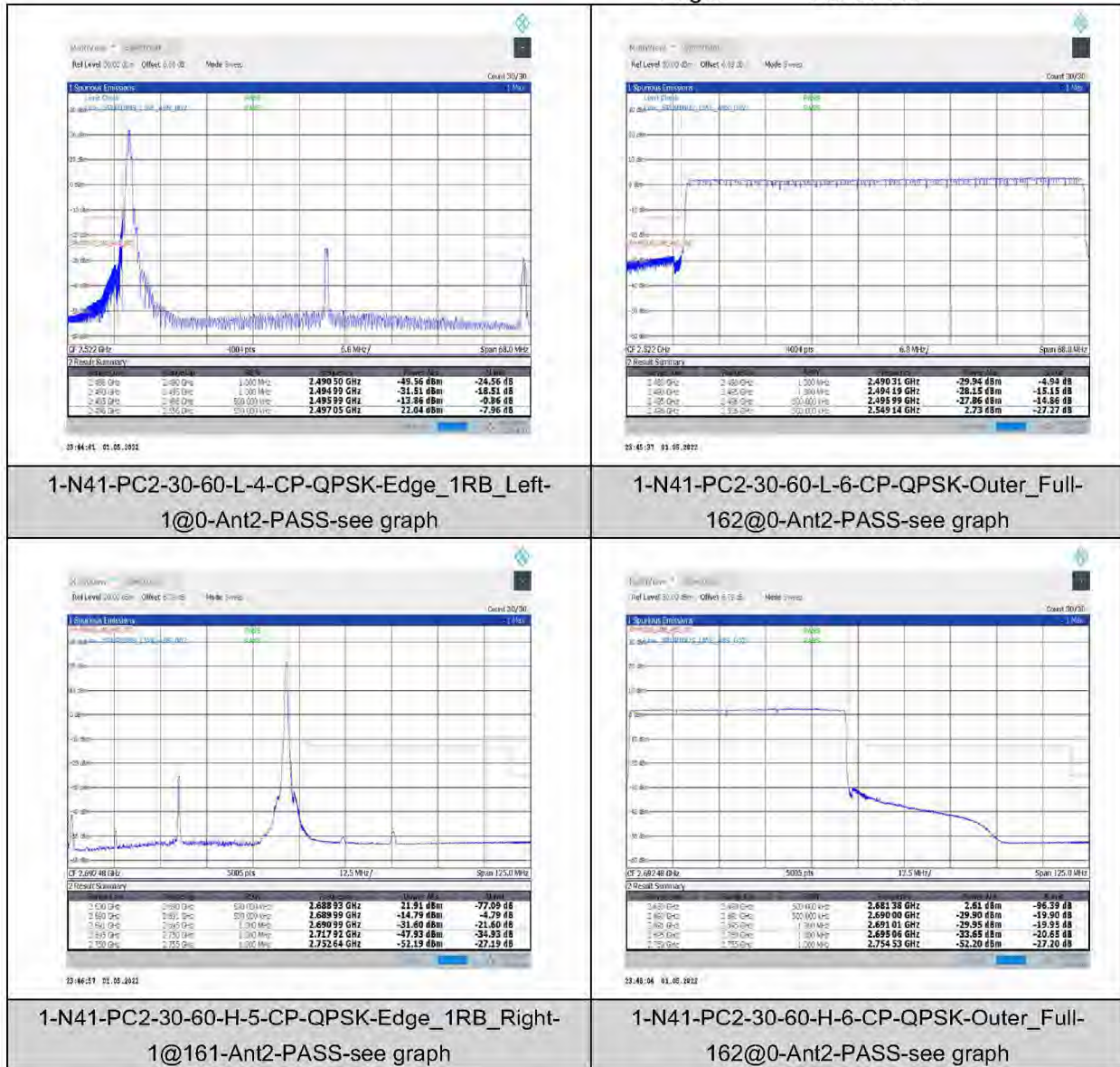
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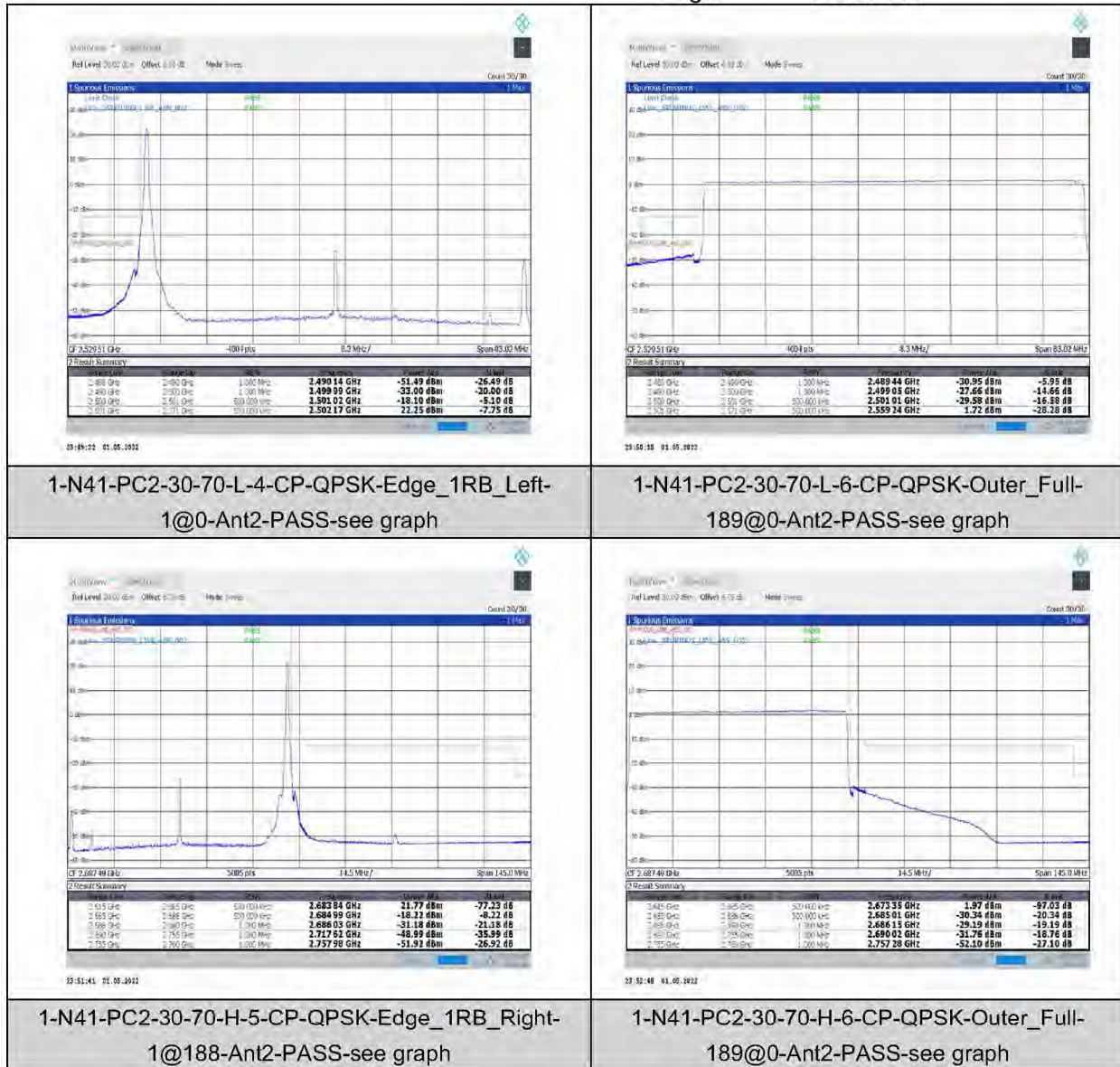


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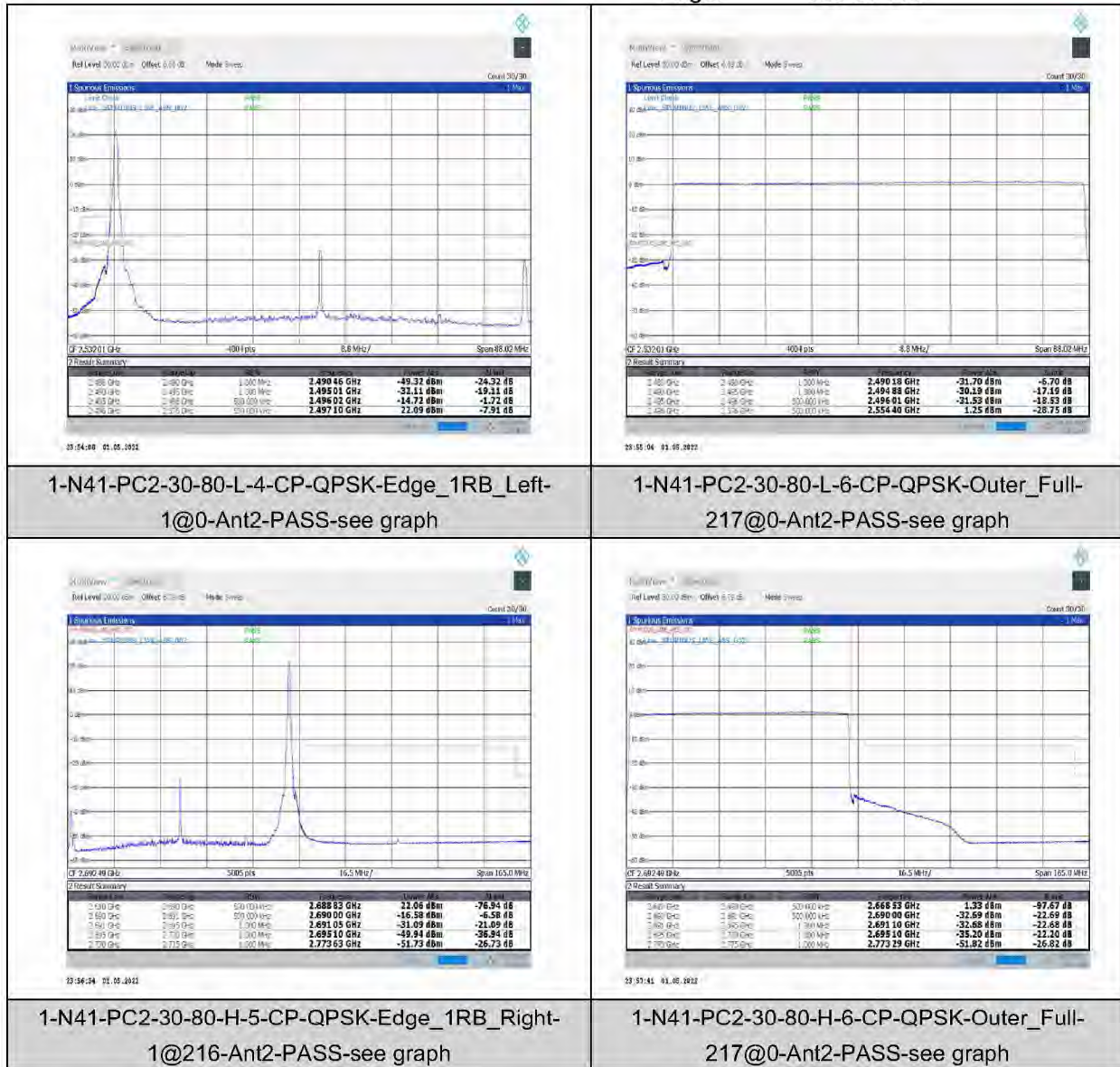


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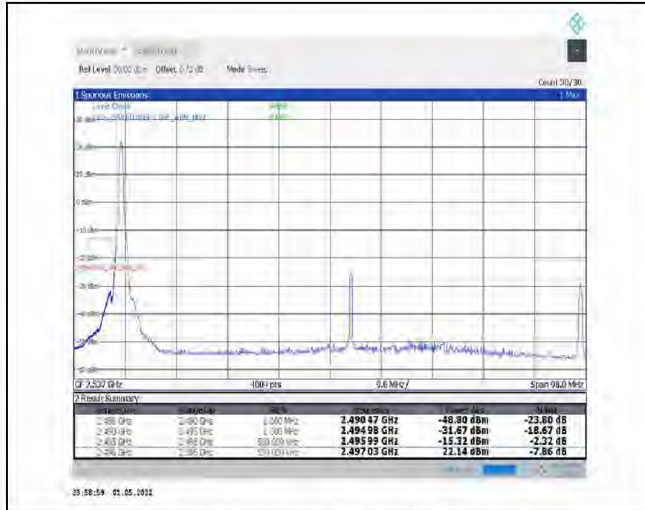
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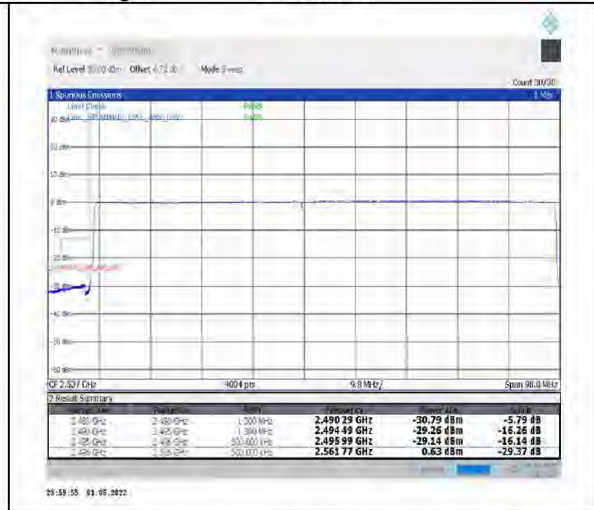
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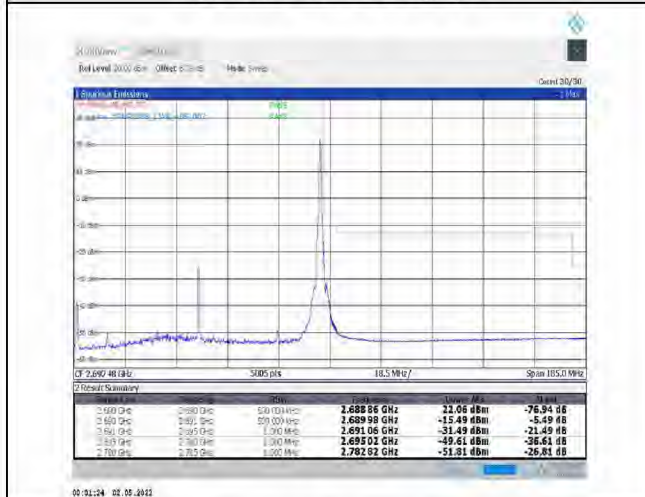




1-N41-PC2-30-90-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant2-PASS-see graph



1-N41-PC2-30-90-L-6-CP-QPSK-Outer\_Full-245@0-Ant2-PASS-see graph



1-N41-PC2-30-90-H-5-CP-QPSK-Edge\_1RB\_Right-1@244-Ant2-PASS-see graph



1-N41-PC2-30-90-H-6-CP-QPSK-Outer\_Full-245@0-Ant2-PASS-see graph



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