

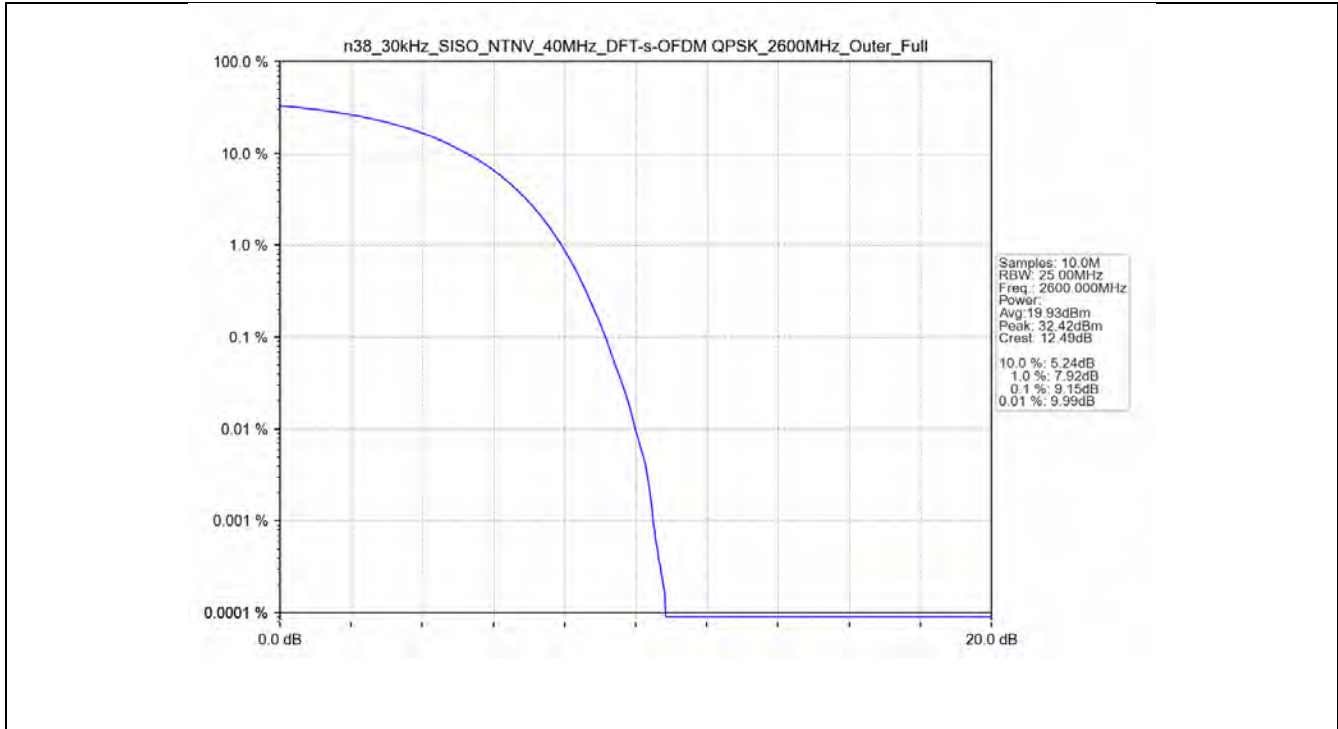


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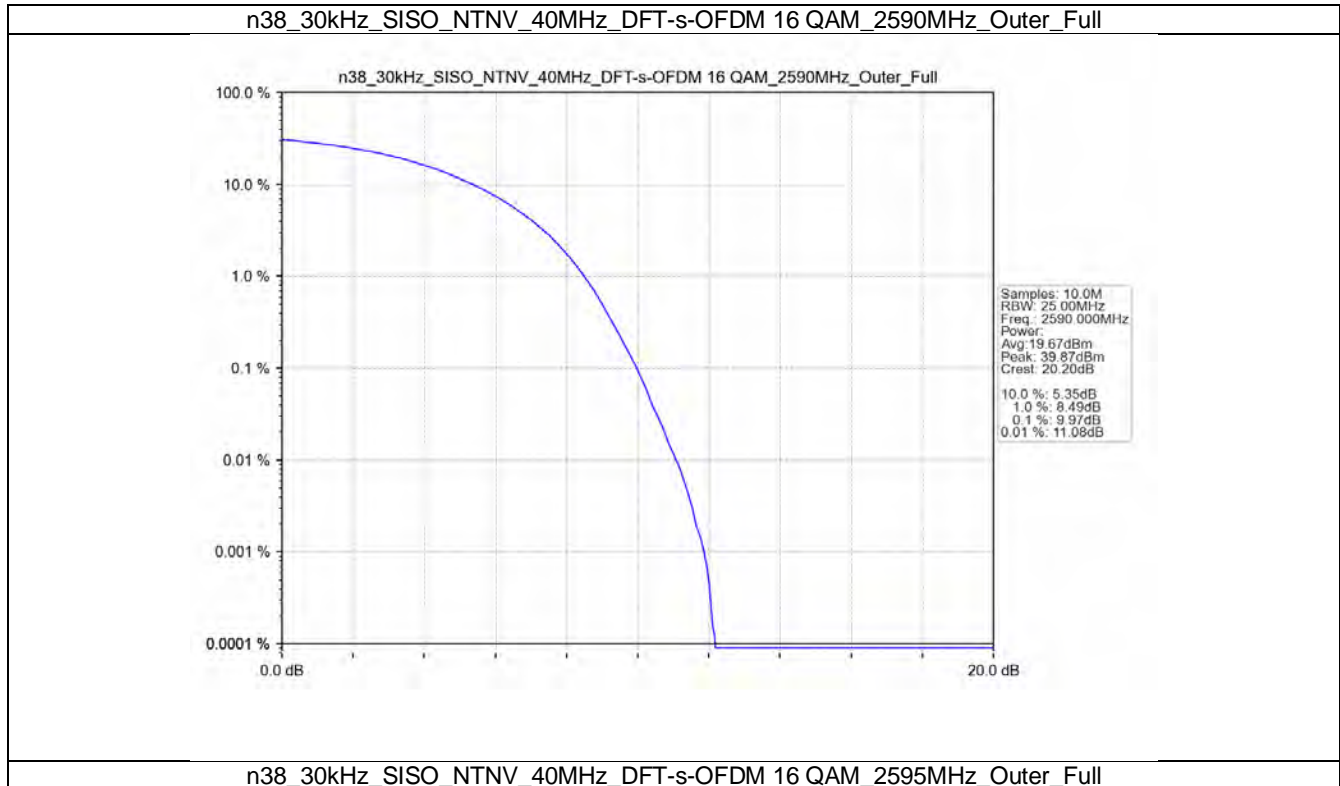
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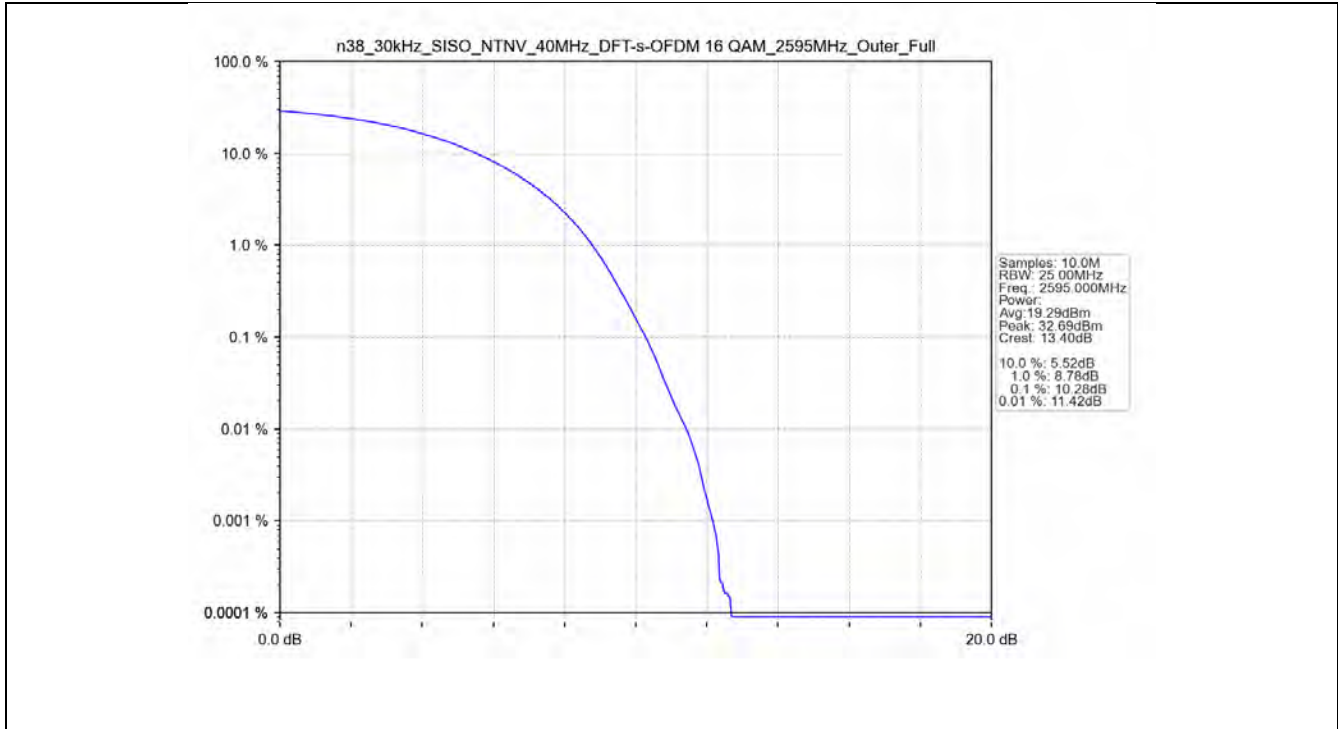


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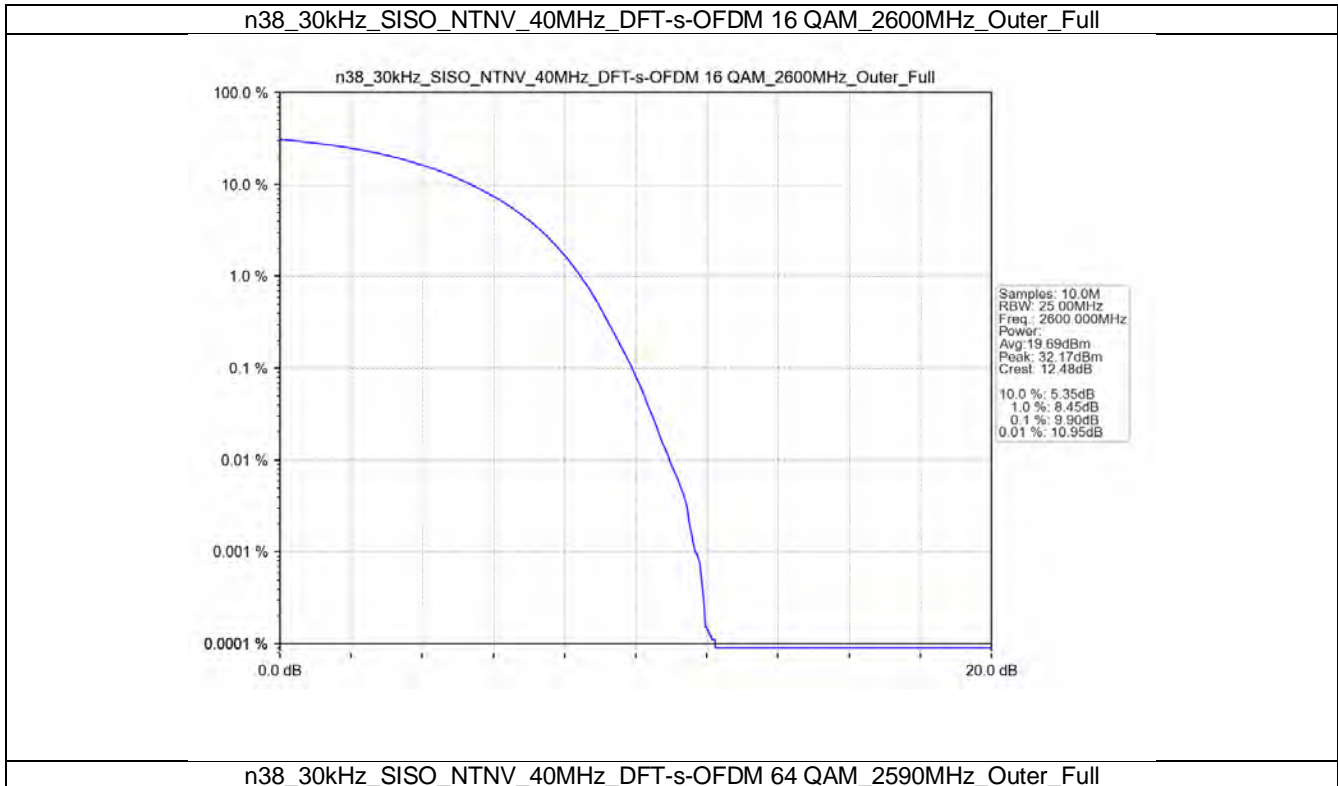


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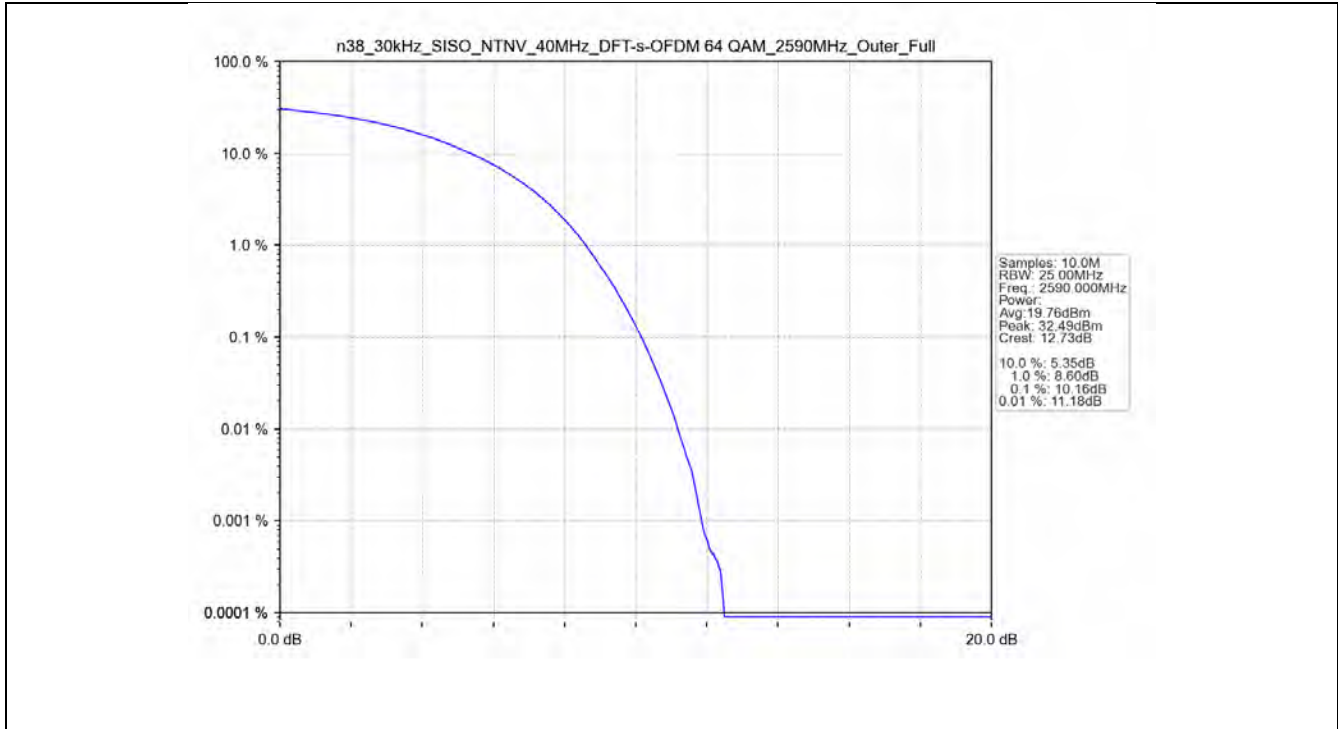


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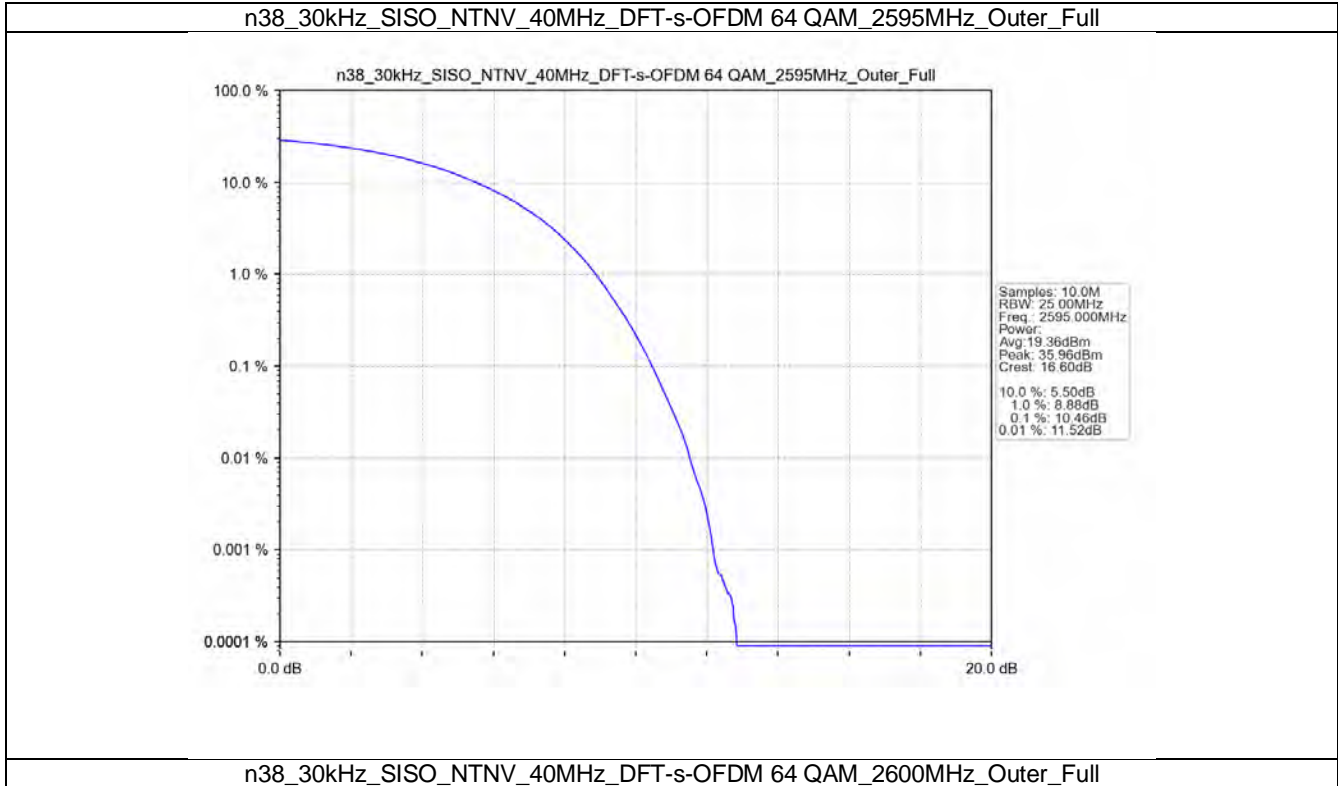


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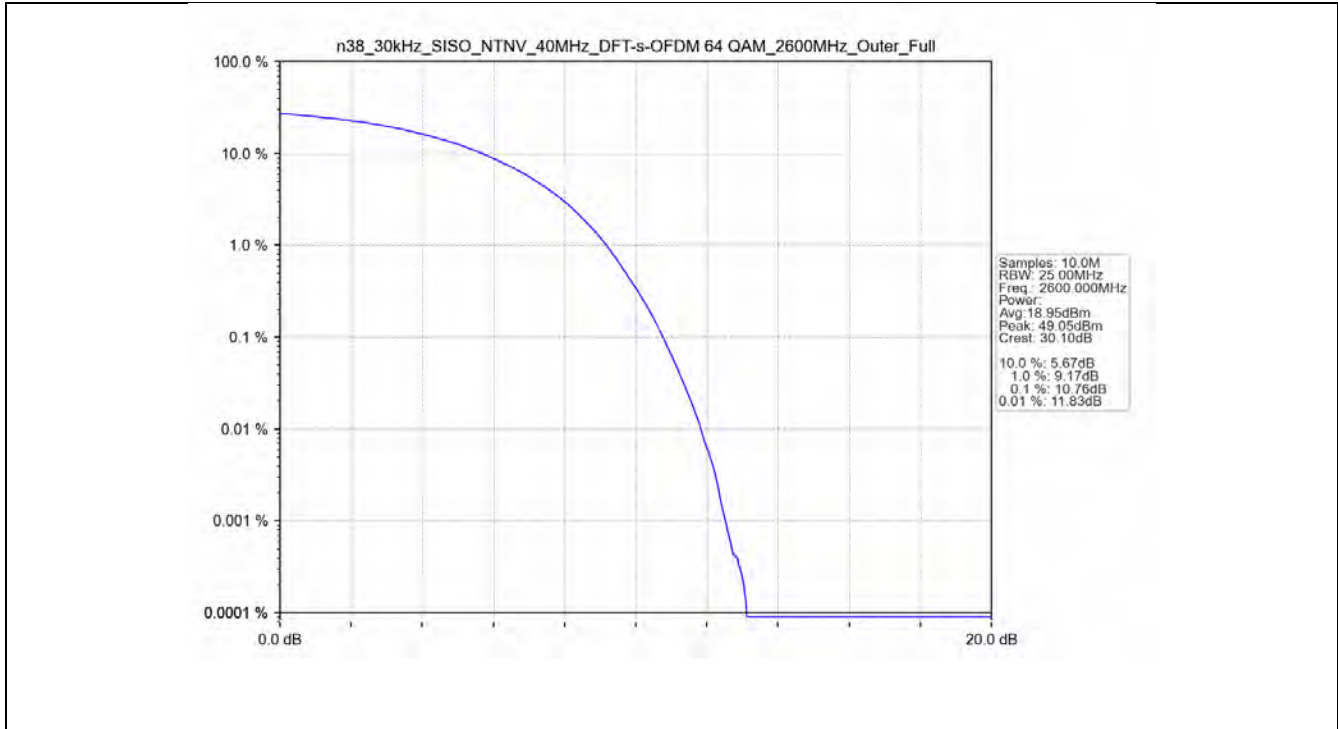


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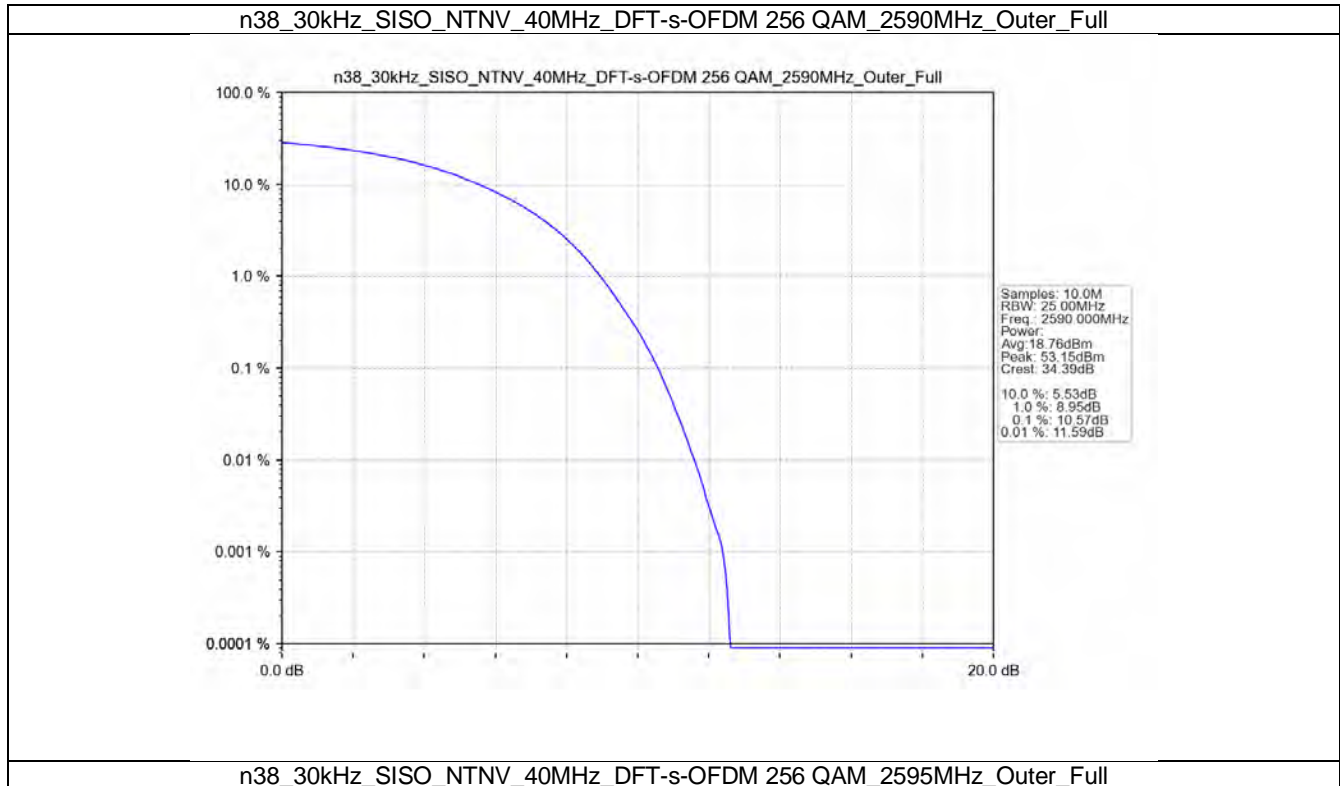
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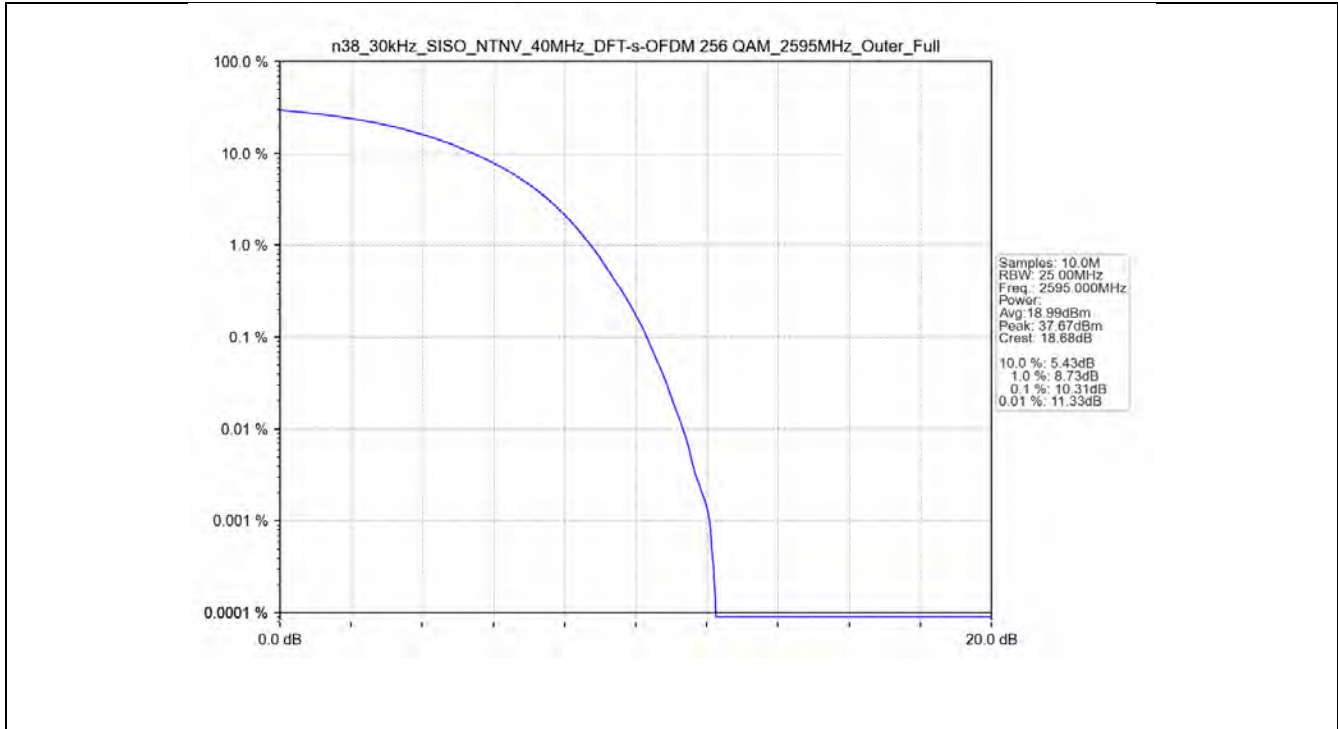


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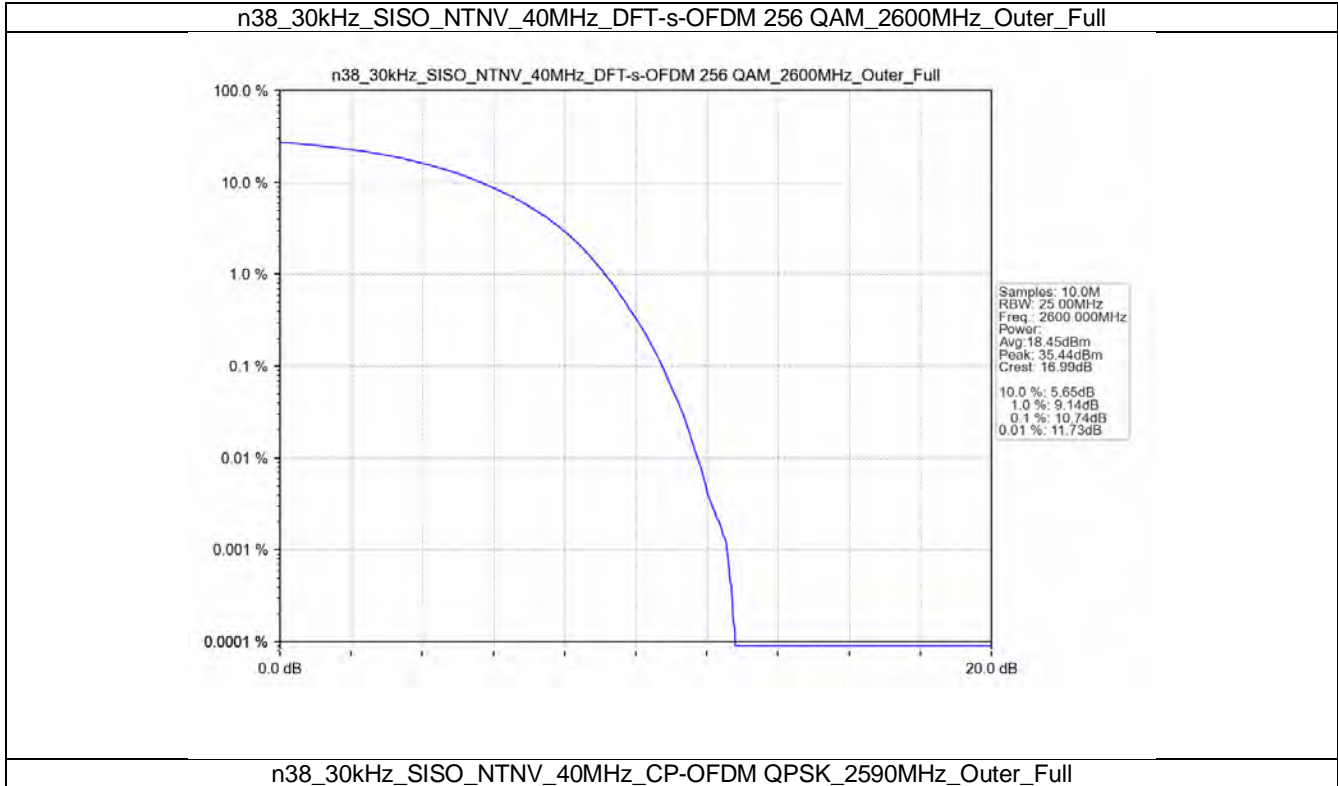


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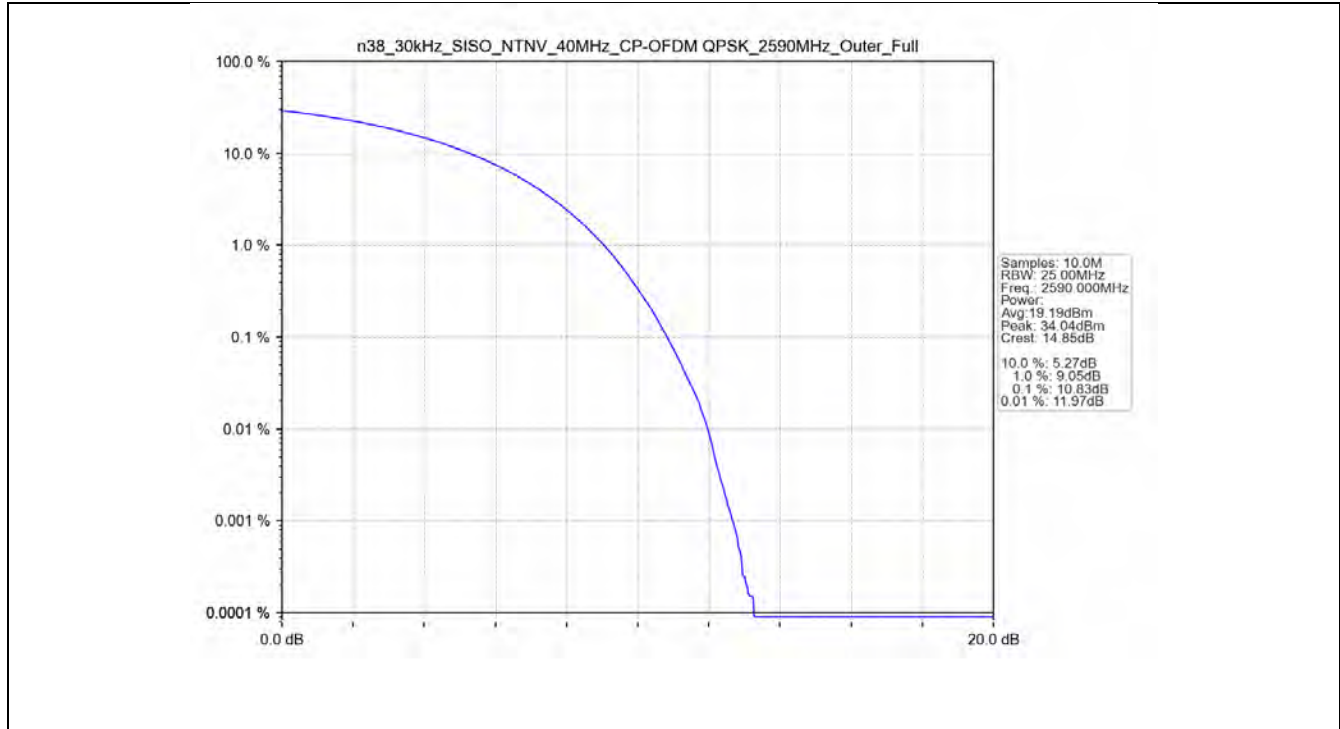


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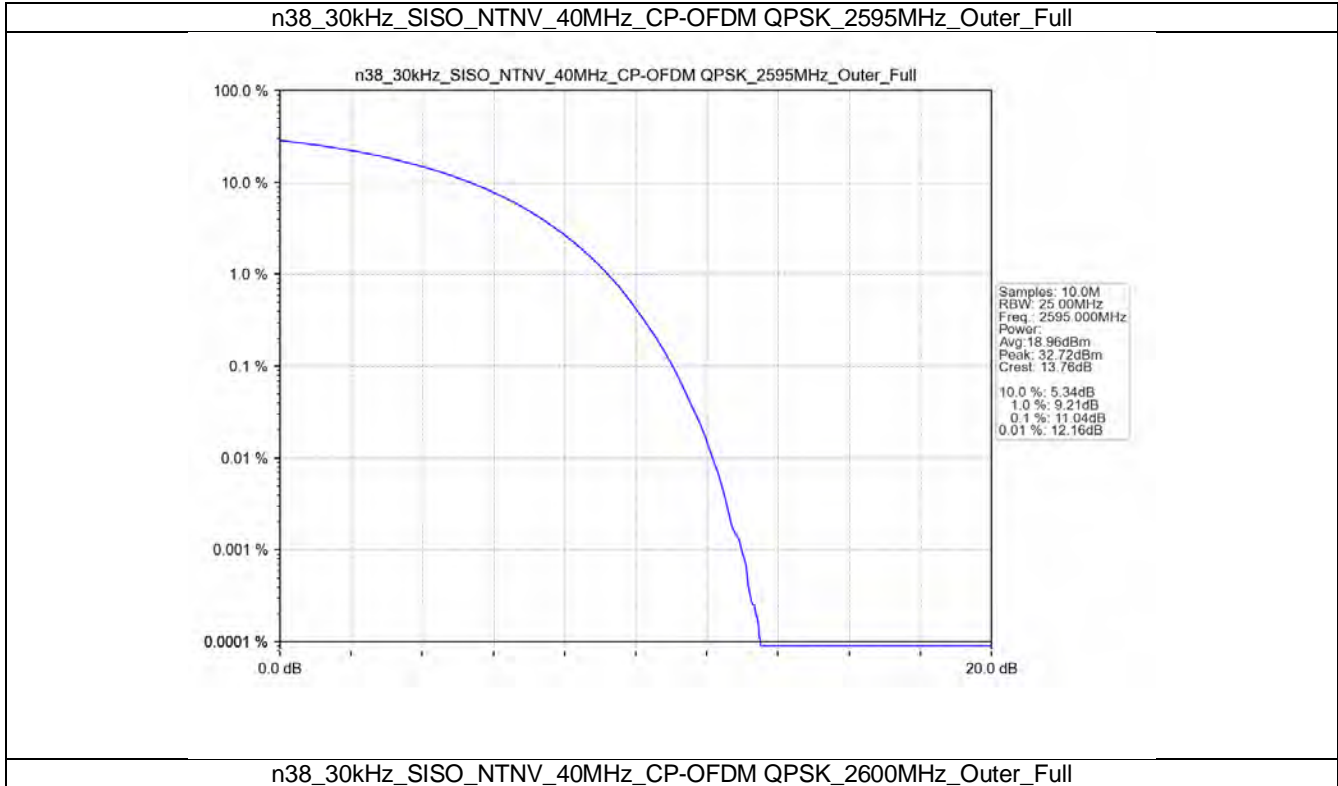


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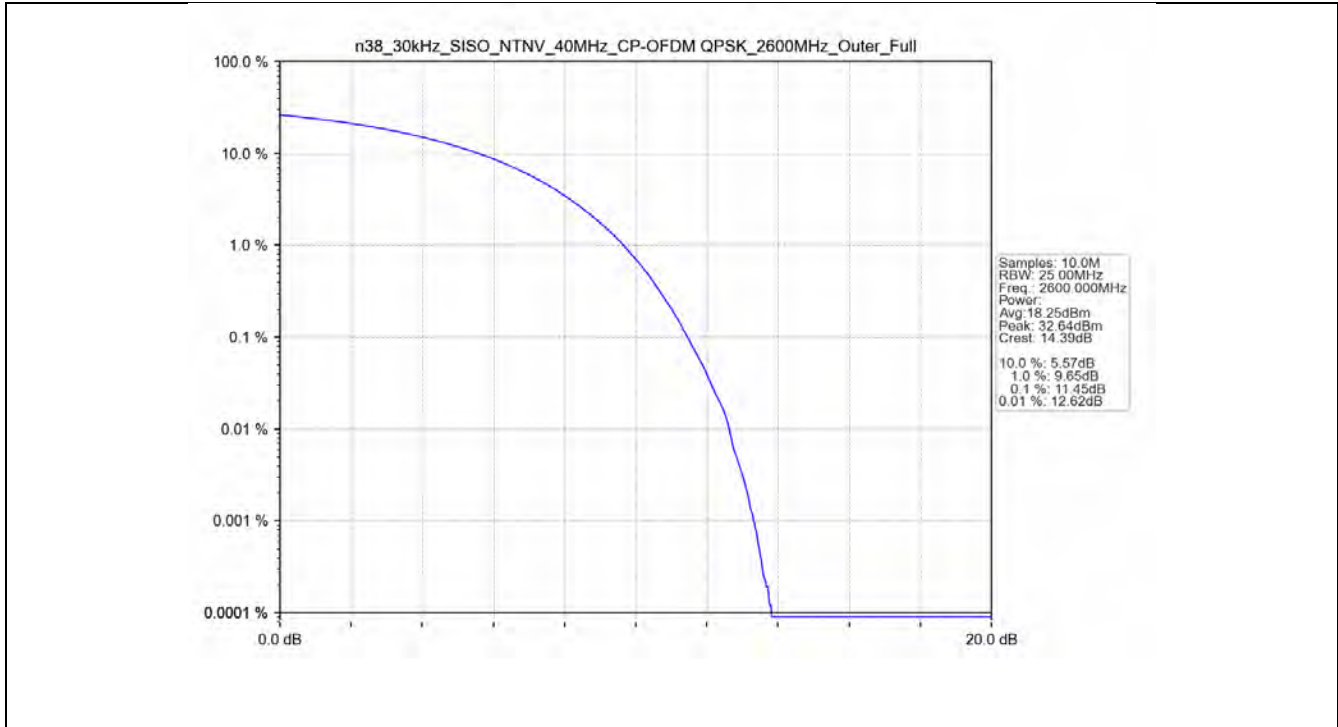


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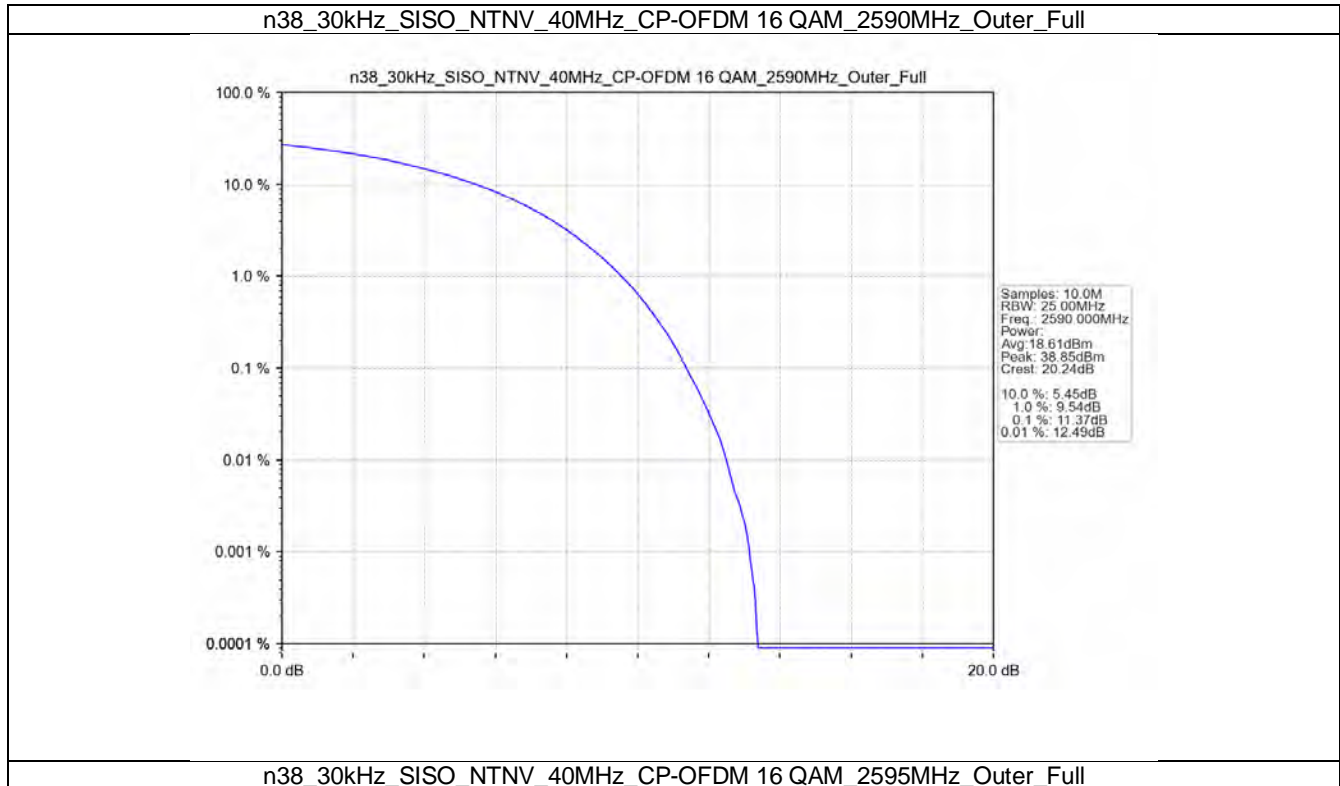


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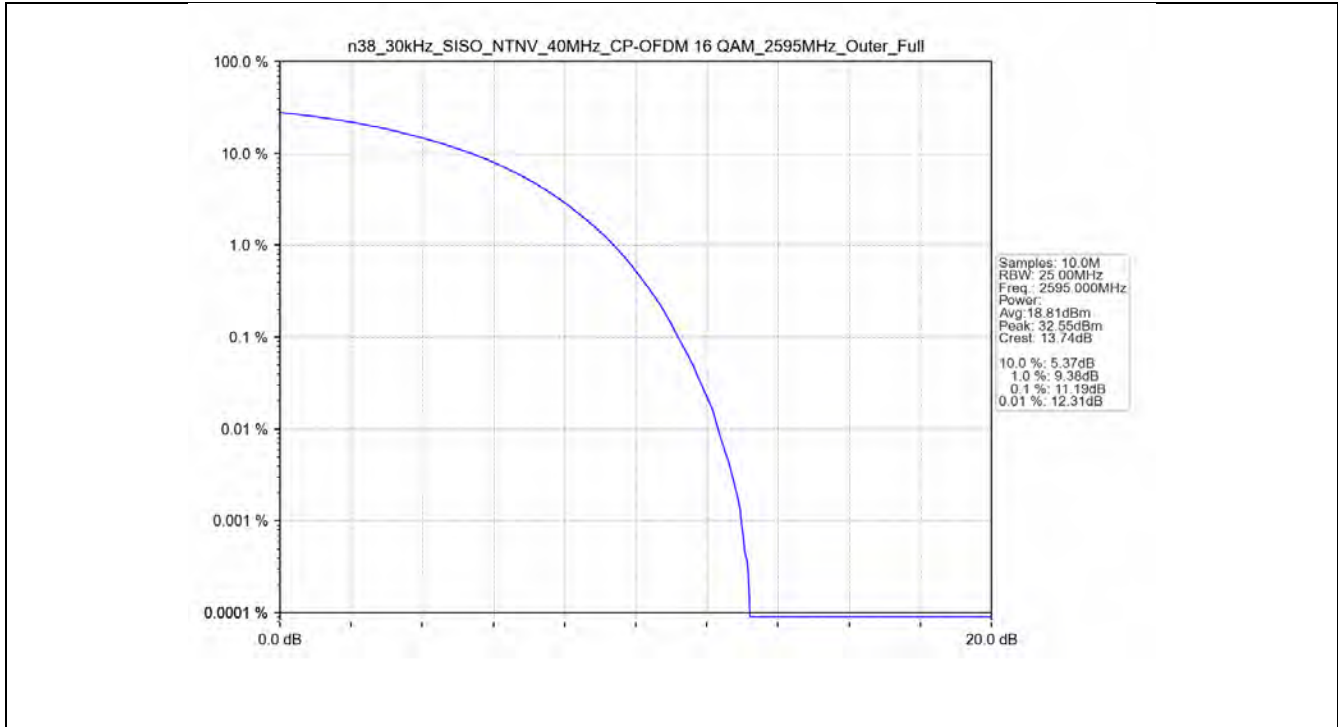


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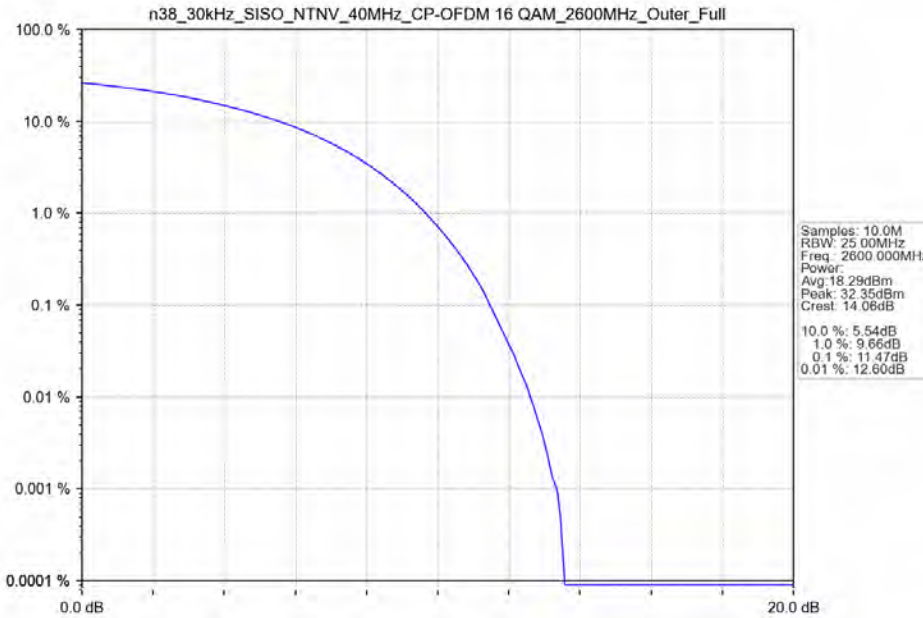
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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2600MHz_Outer_Full



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2590MHz_Outer_Full



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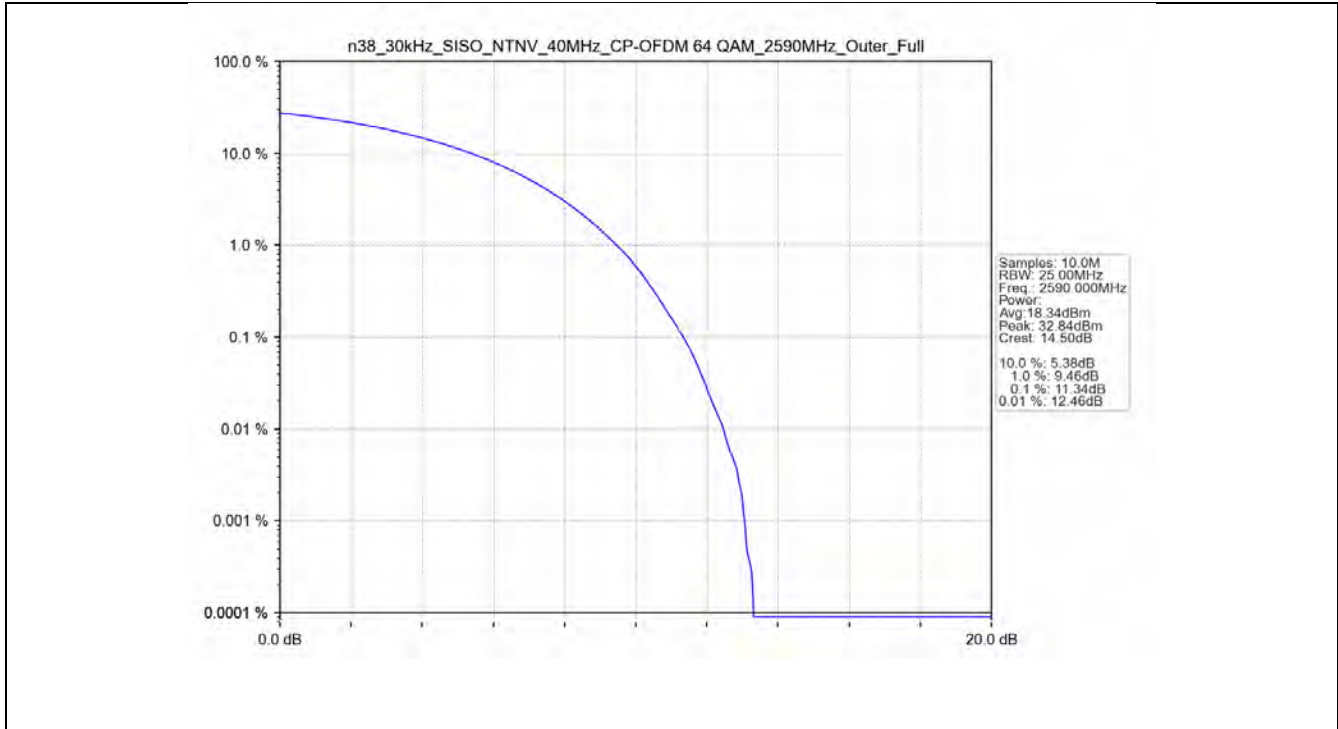


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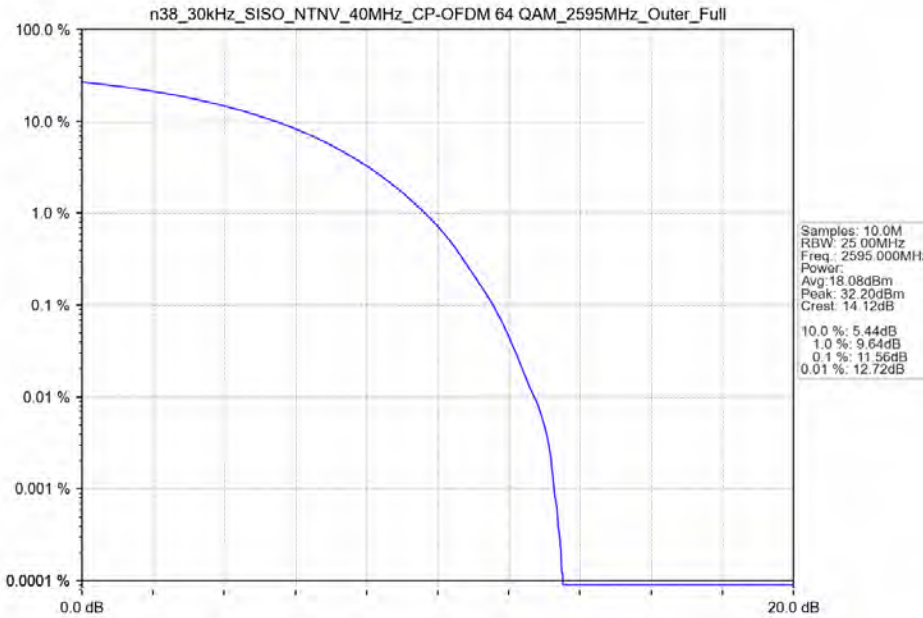
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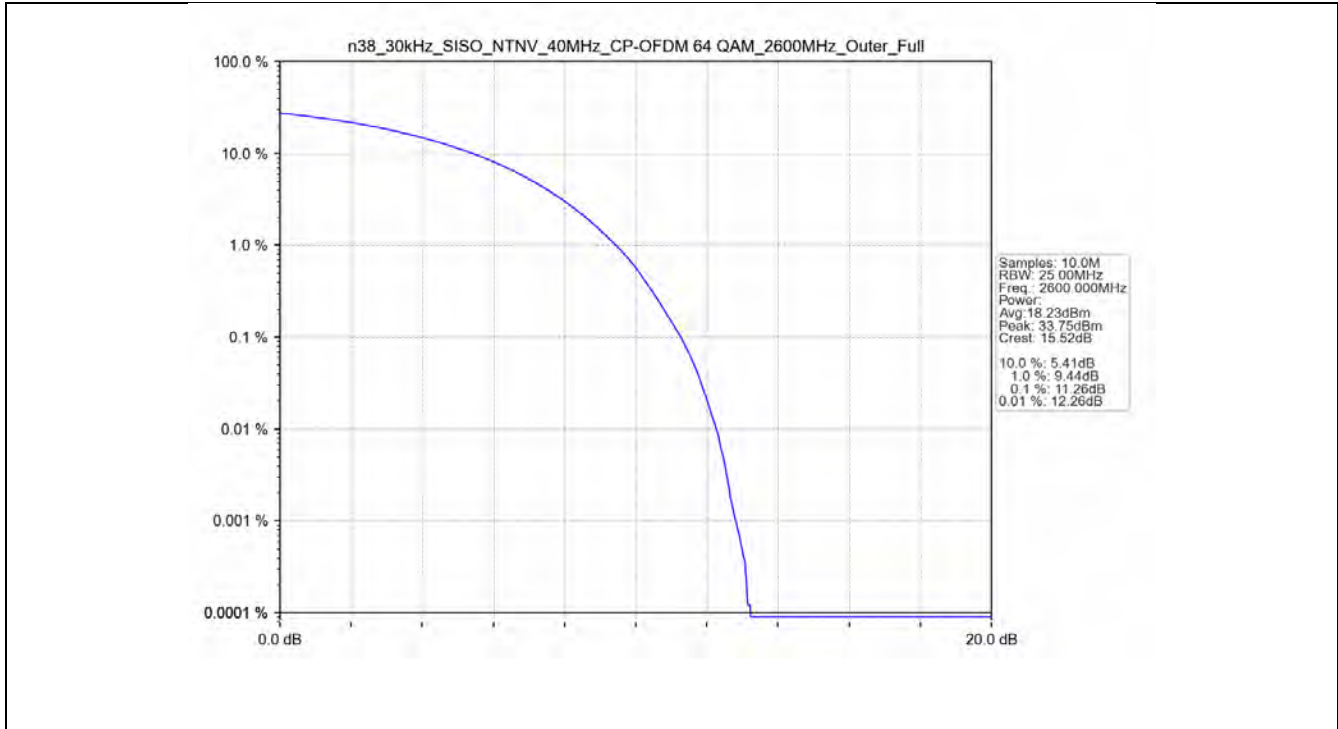


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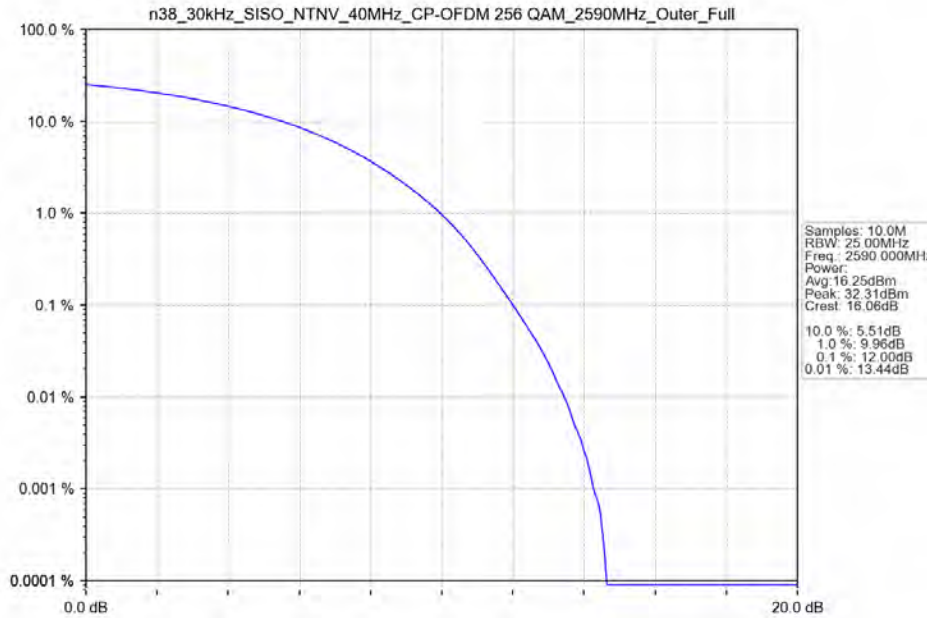
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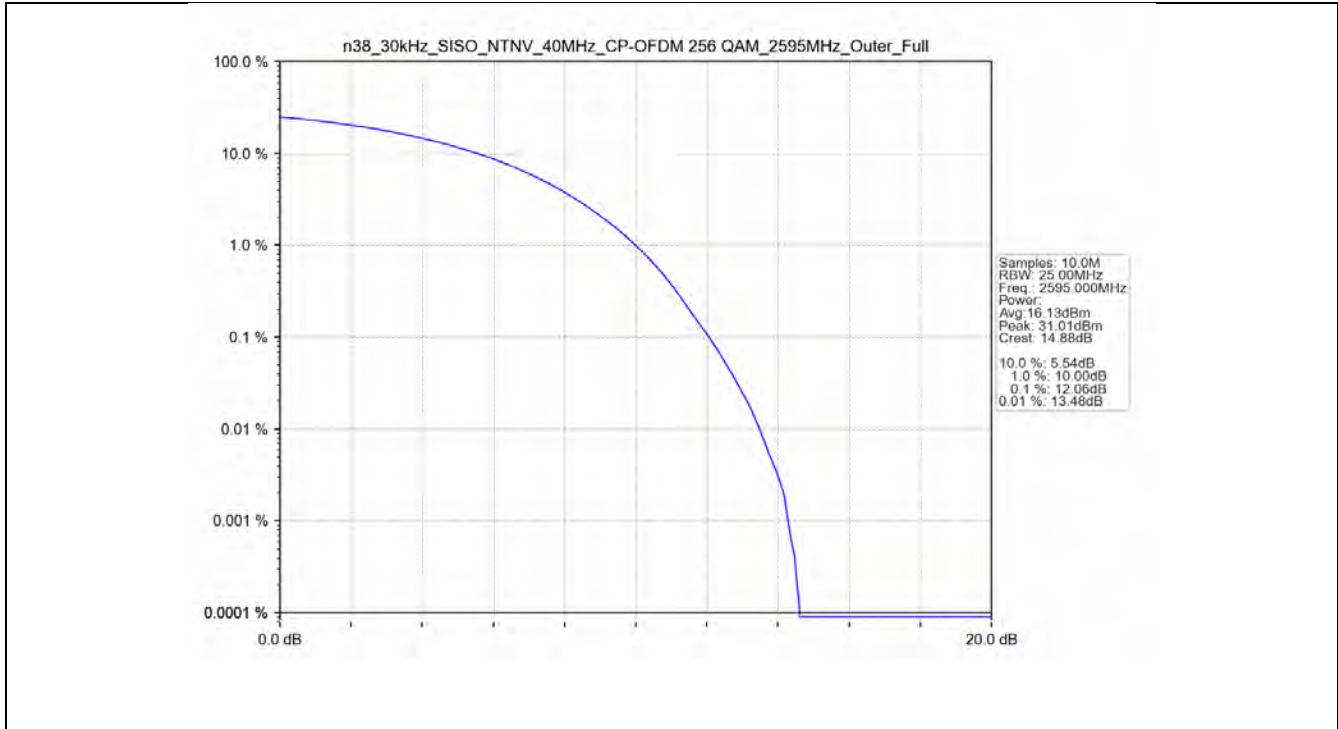


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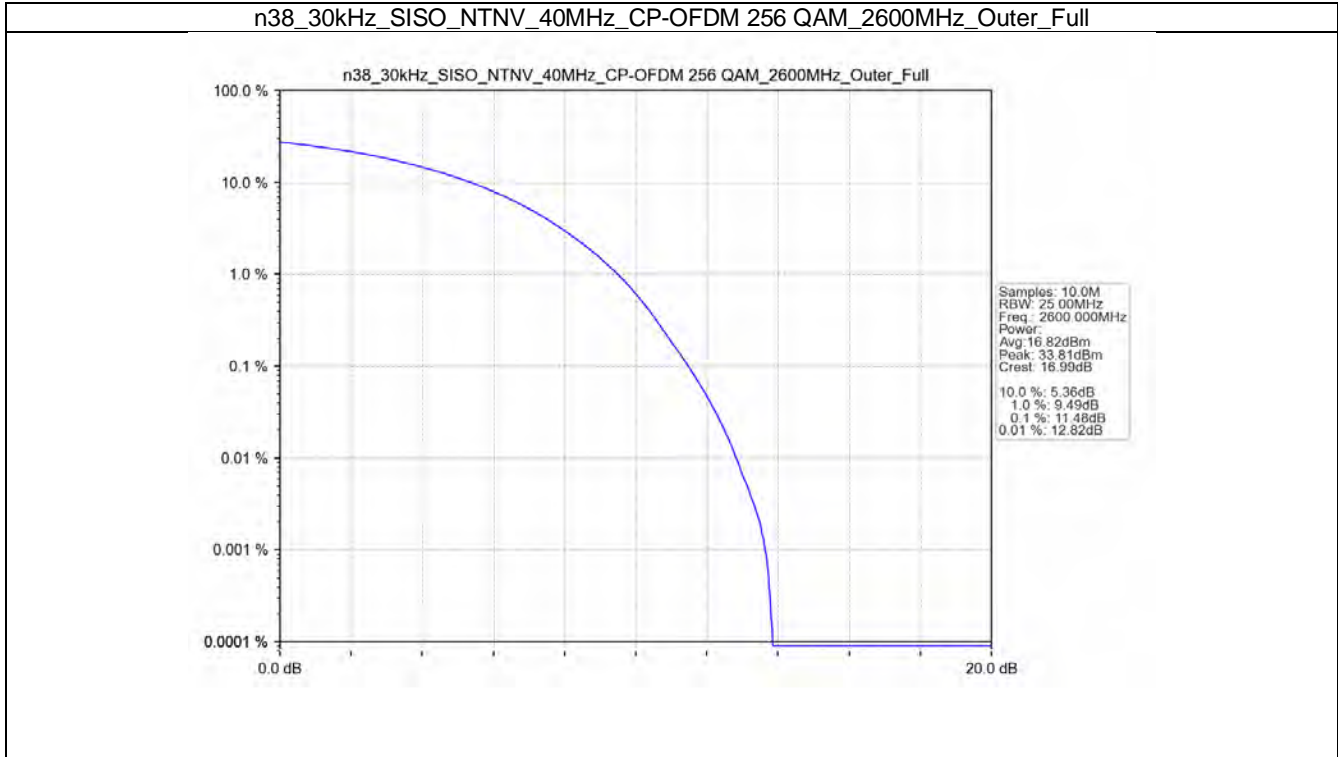
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5. Spurious Emission & Band Edges

5.1 30k_SISO_20MHz_NTNV

5.1.1 Test Result

| 5G NR n38 SCS=30kHz SISO 20MHz NTN | | | | | | |
|------------------------------------|-----------------|-----------------|---------------------|------|-----|---------|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | Verdict |
| | | | Ant1 | Ant2 | Sum | |
| DFT-s-OFDM PI/2 BPSK | 2580 | Edge_1RB_Left | Refer To Test Graph | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | Pass |
| | 2610 | Edge_1RB_Left | Refer To Test Graph | | | Pass |
| | | Edge_1RB_Right | Refer To Test Graph | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | Pass |
| DFT-s-OFDM QPSK | 2580 | Edge_1RB_Left | Refer To Test Graph | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | Pass |
| | 2610 | Edge_1RB_Left | Refer To Test Graph | | | Pass |
| | | Edge_1RB_Right | Refer To Test Graph | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | Pass |
| CP-OFDM QPSK | 2580 | Edge_1RB_Left | Refer To Test Graph | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | Pass |
| | 2610 | Edge_1RB_Left | Refer To Test Graph | | | Pass |
| | | Edge_1RB_Right | Refer To Test Graph | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | Pass |



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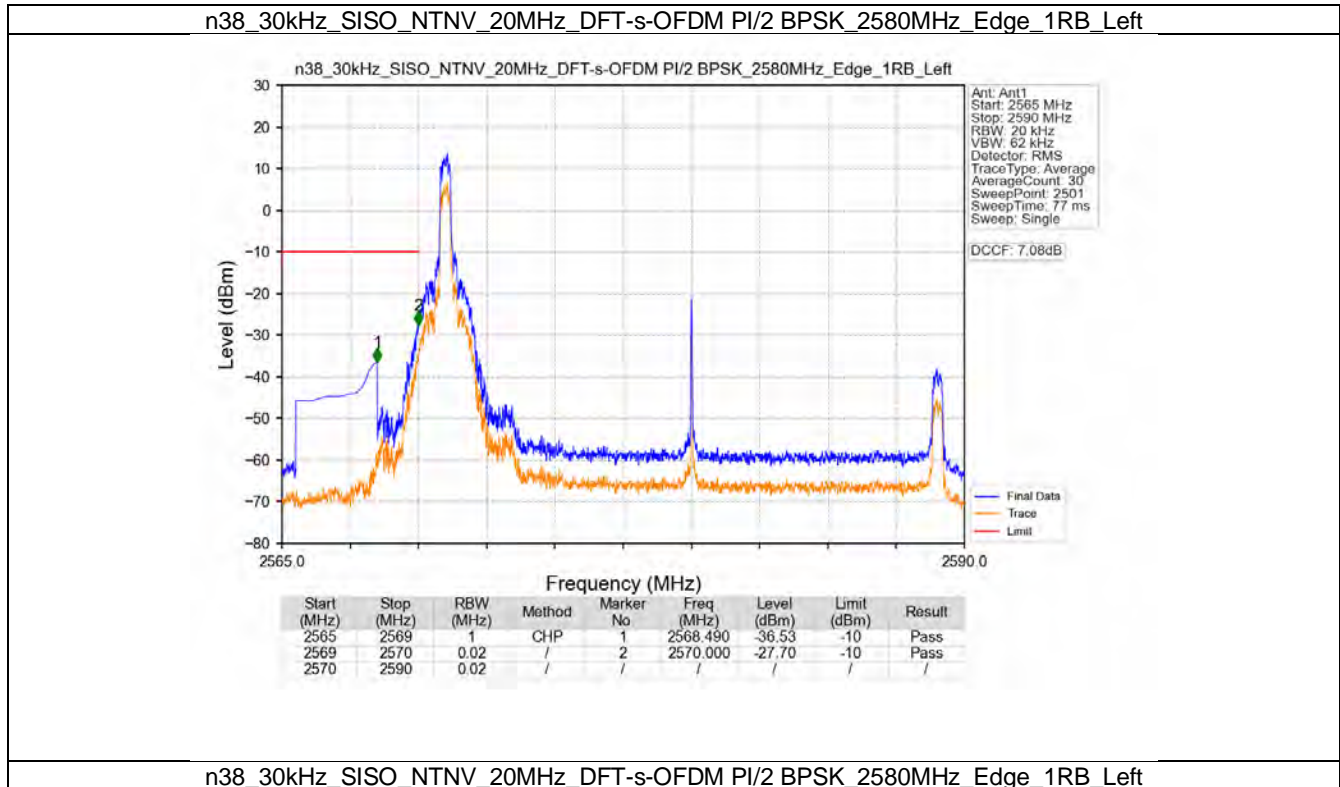
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5.1.2 Test Graph



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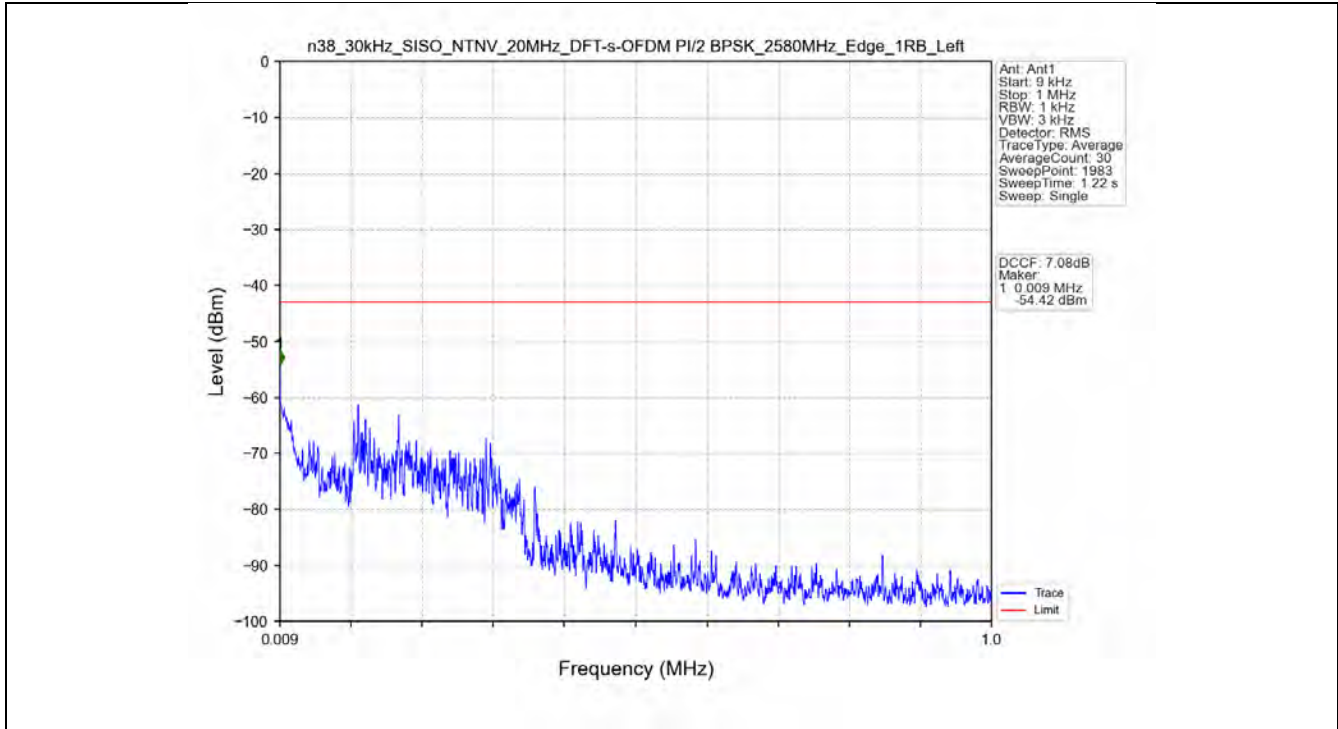


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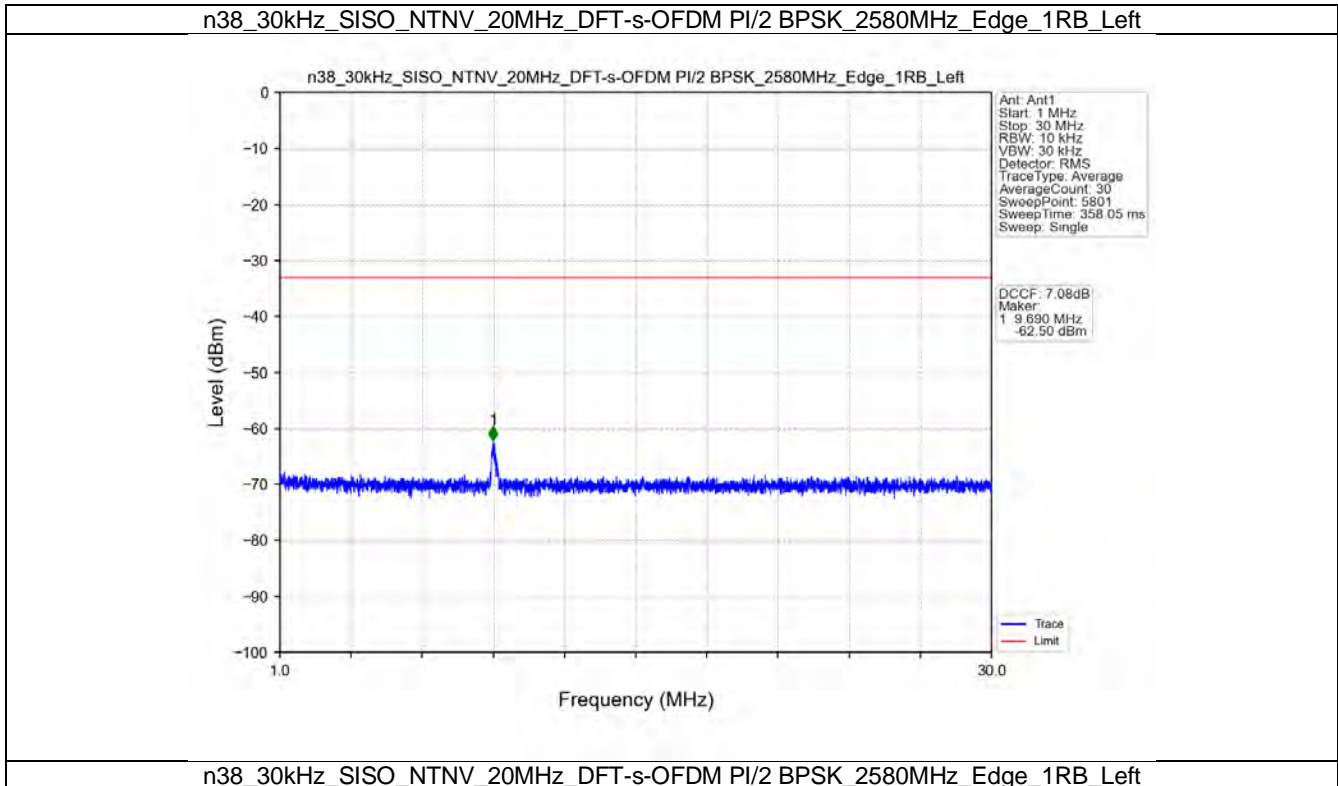


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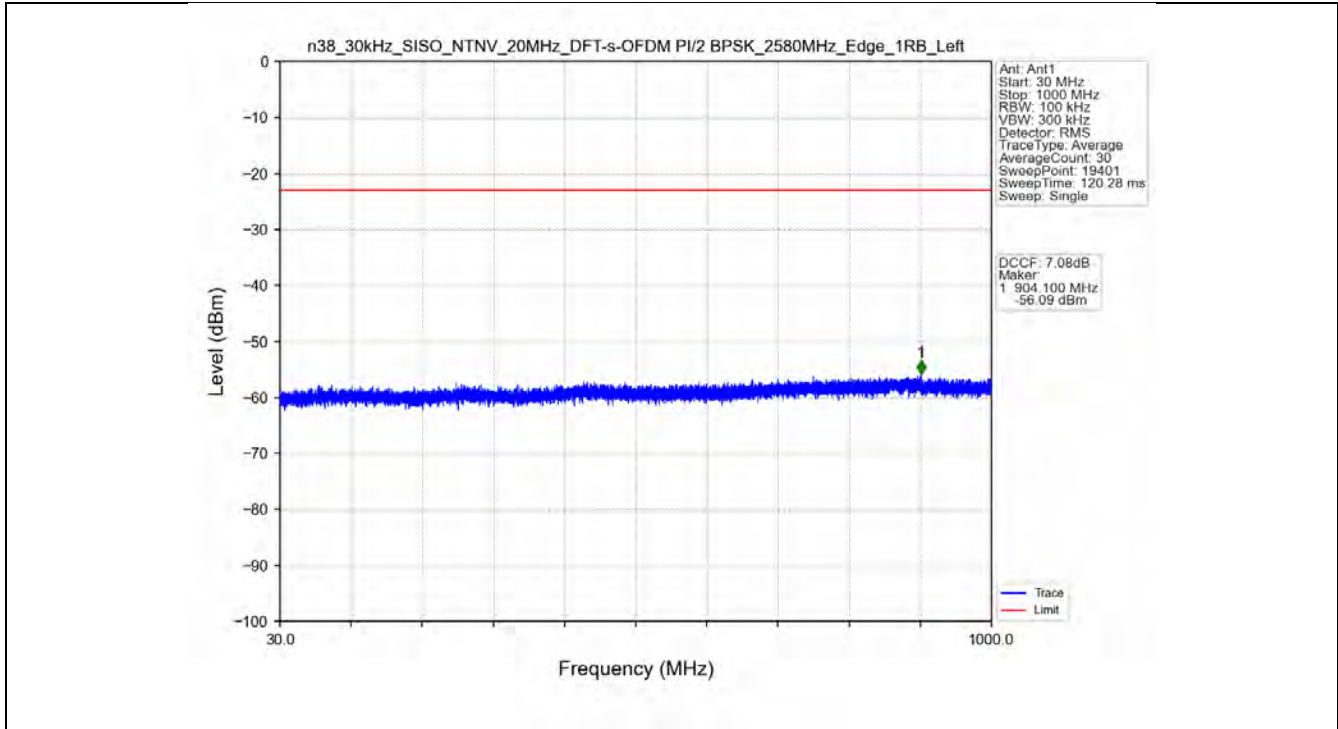


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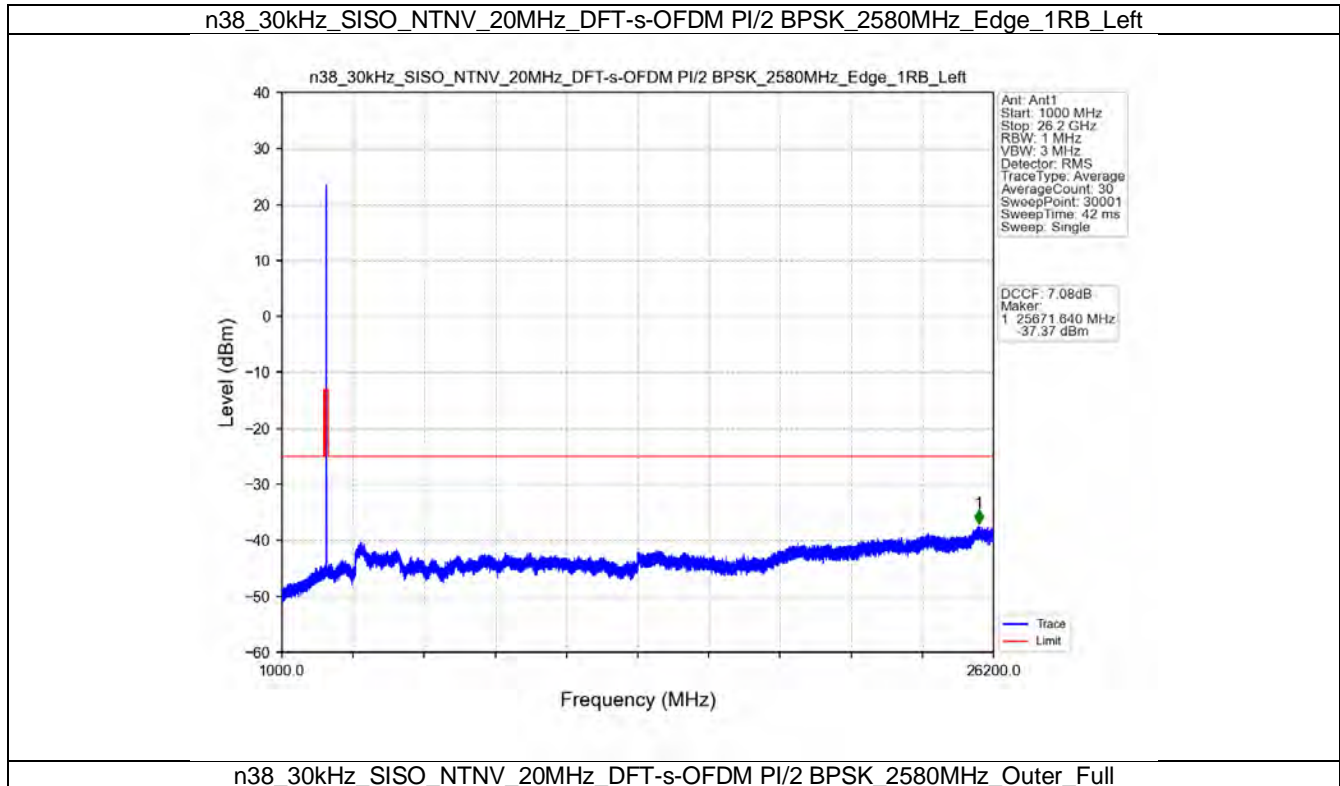


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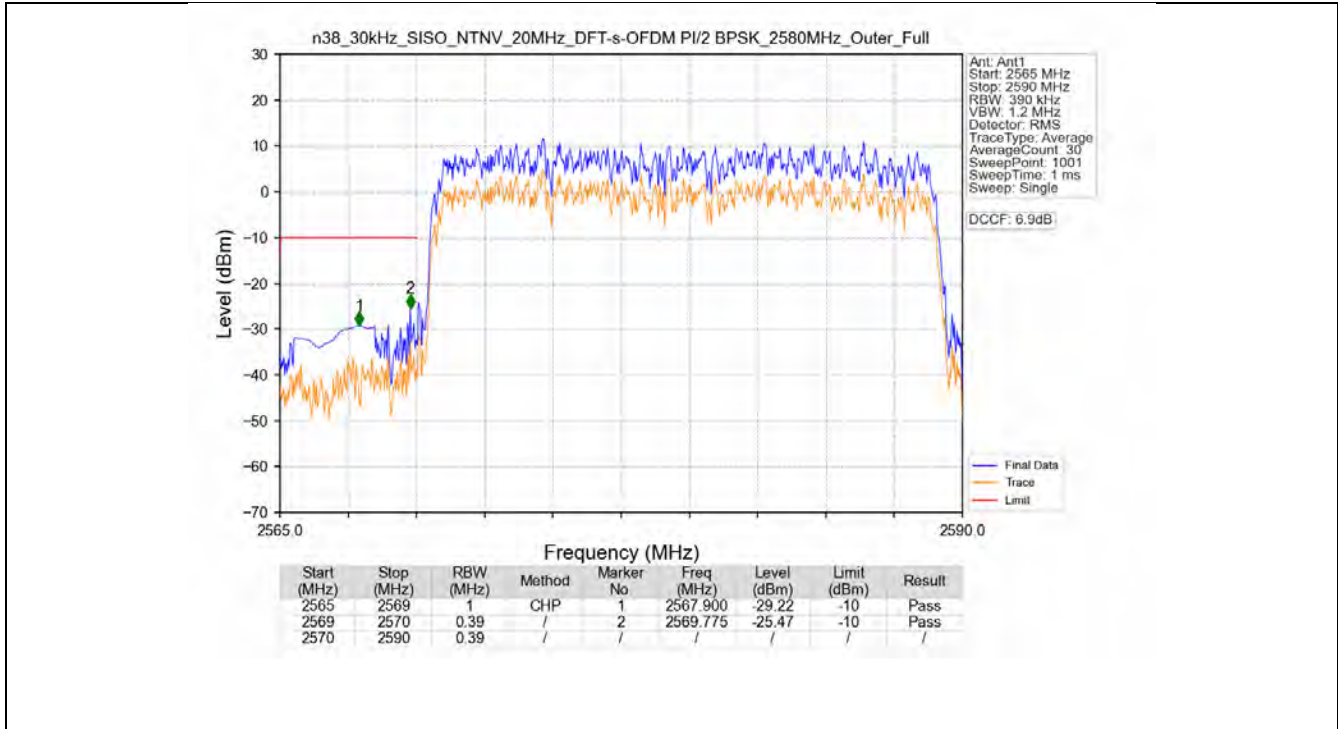


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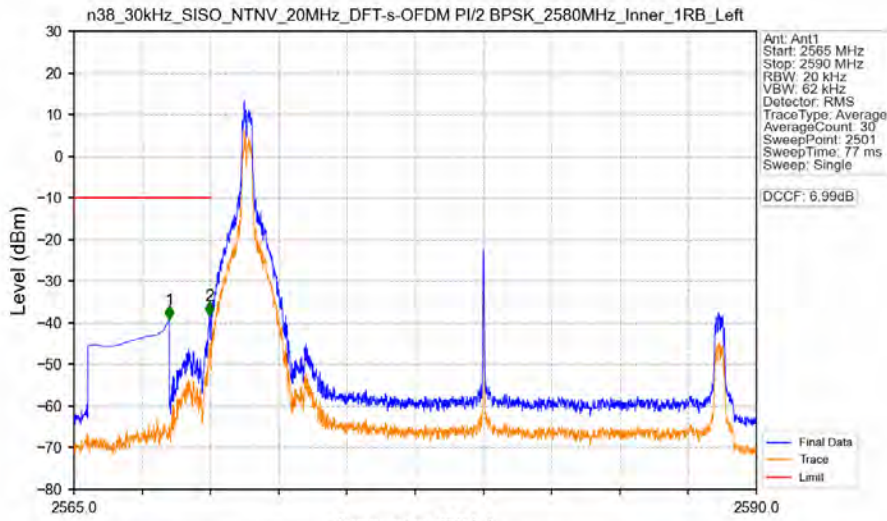
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n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2580MHz_Inner_1RB_Left



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.490 | -39.29 | -10 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2569.970 | -38.24 | -10 | Pass |
| 2570 | 2590 | 0.02 | / | / | / | / | / | / |

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left



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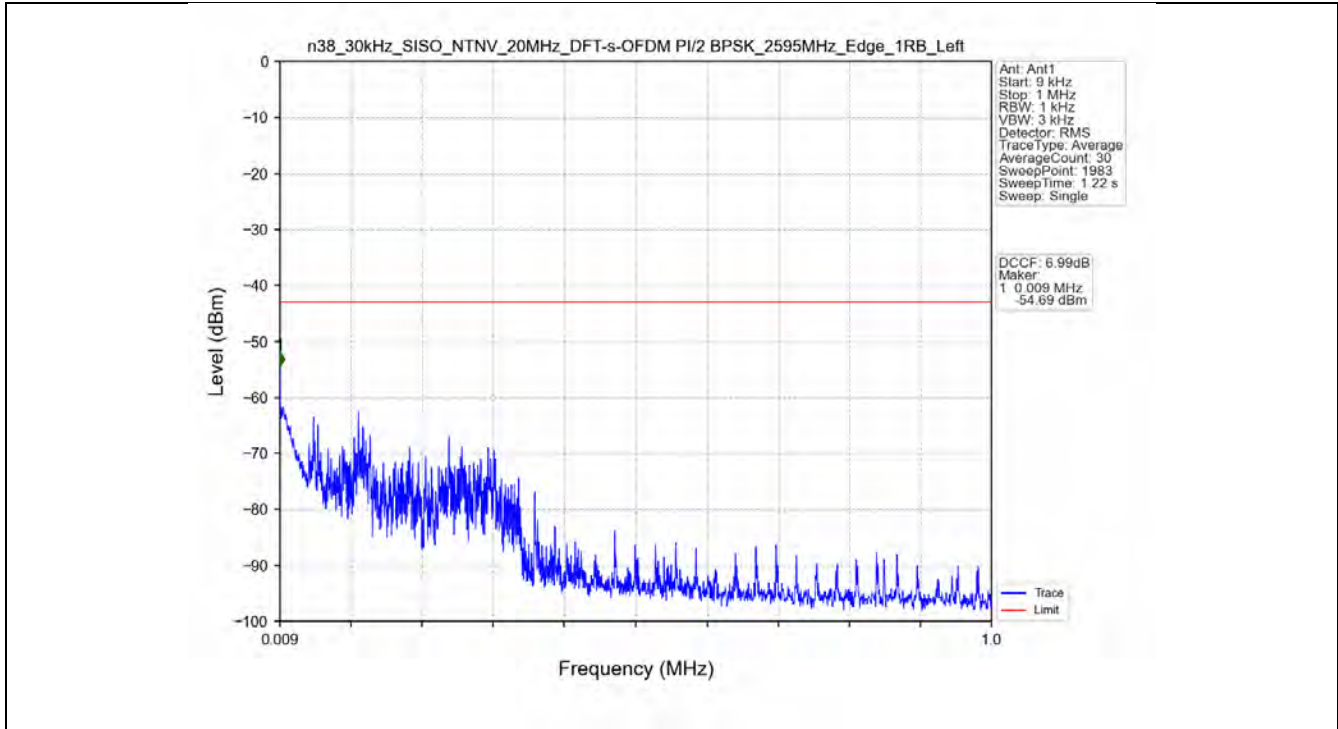


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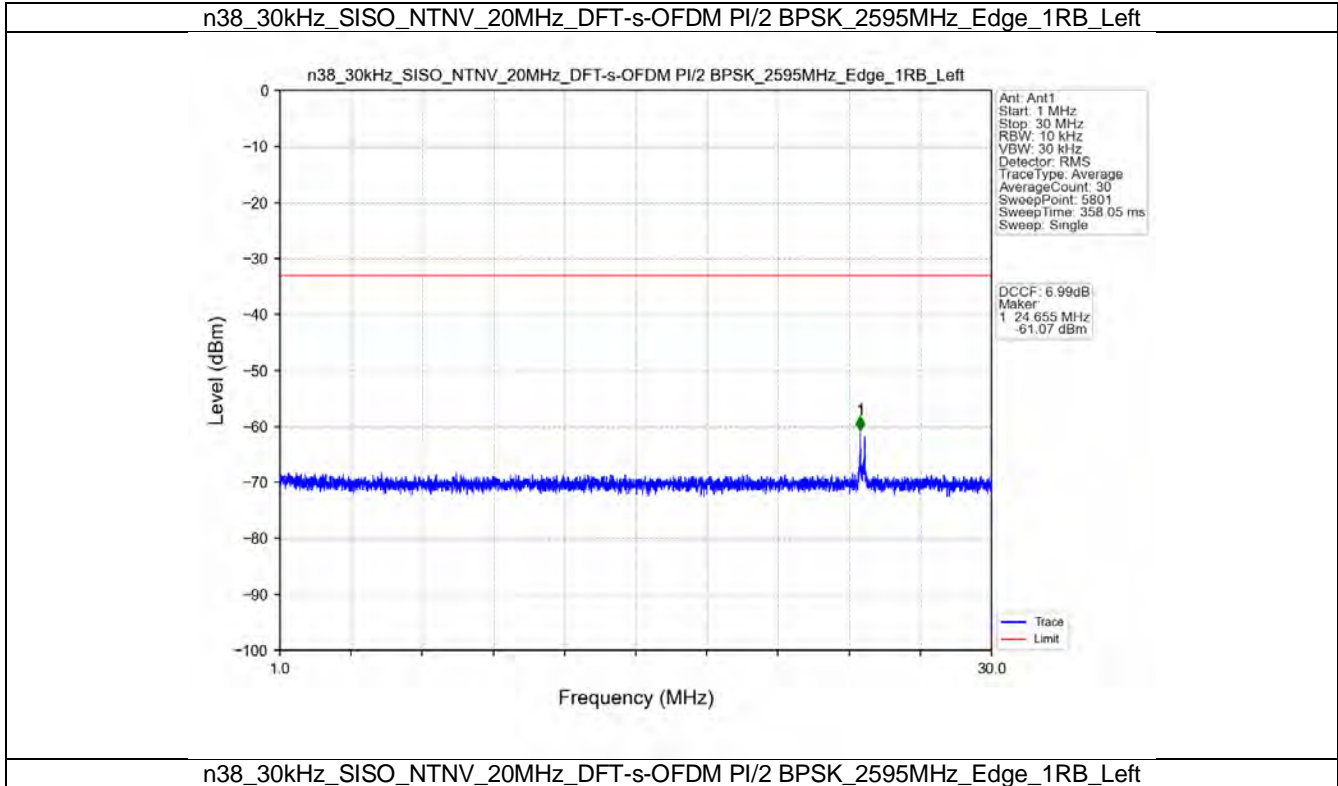


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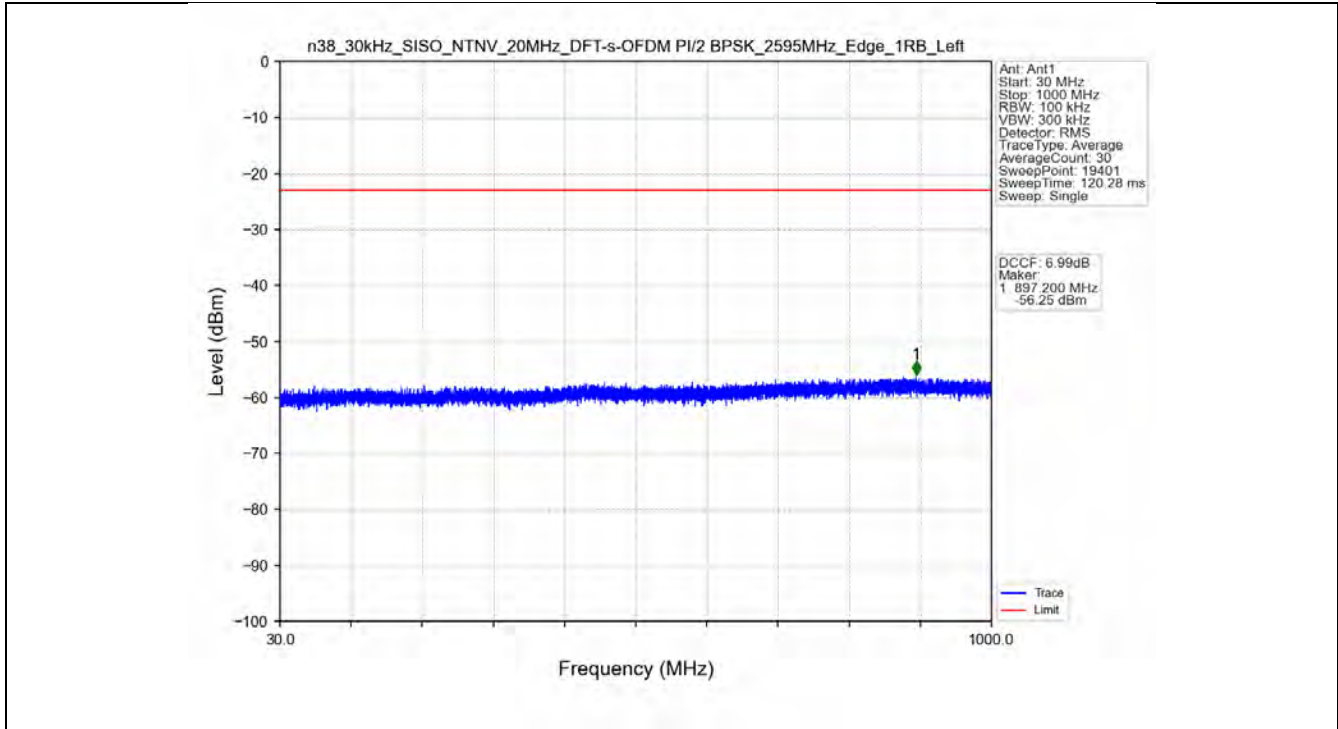


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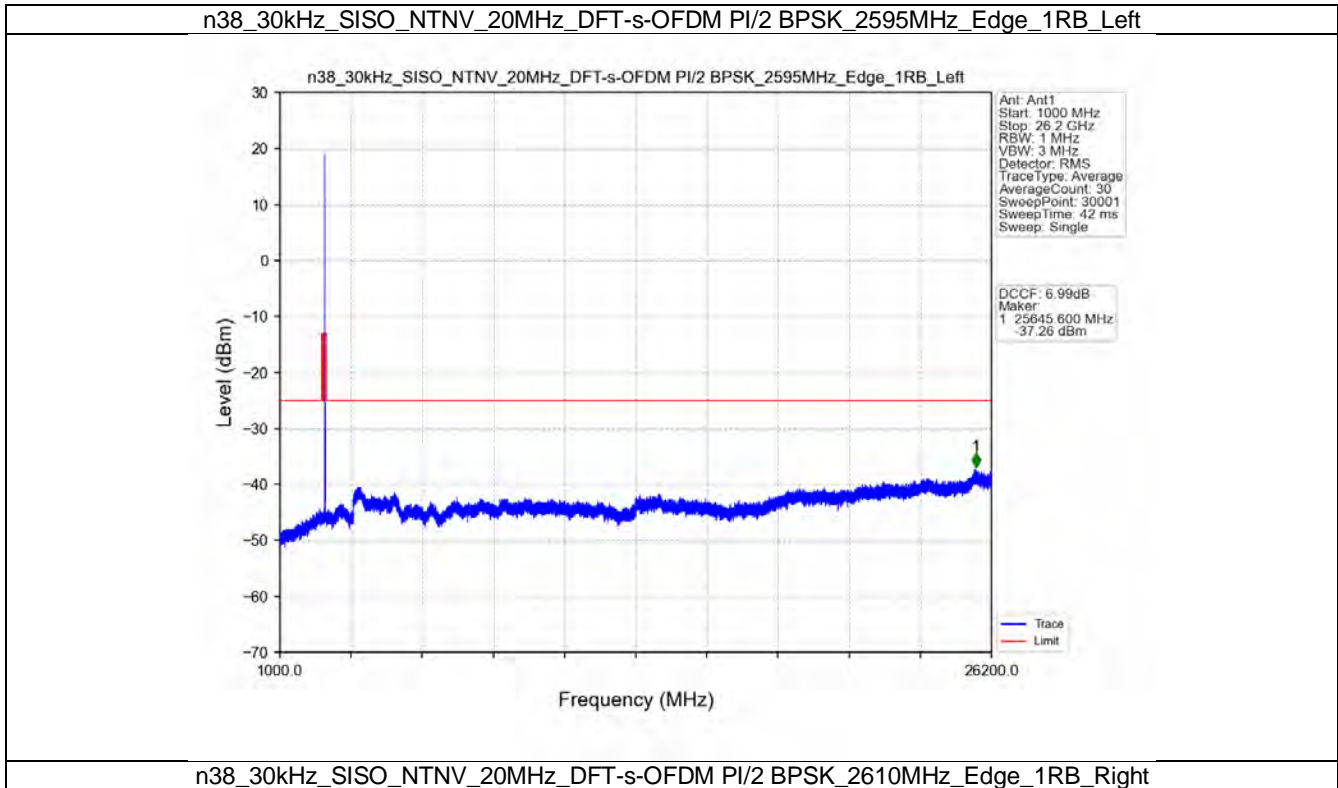


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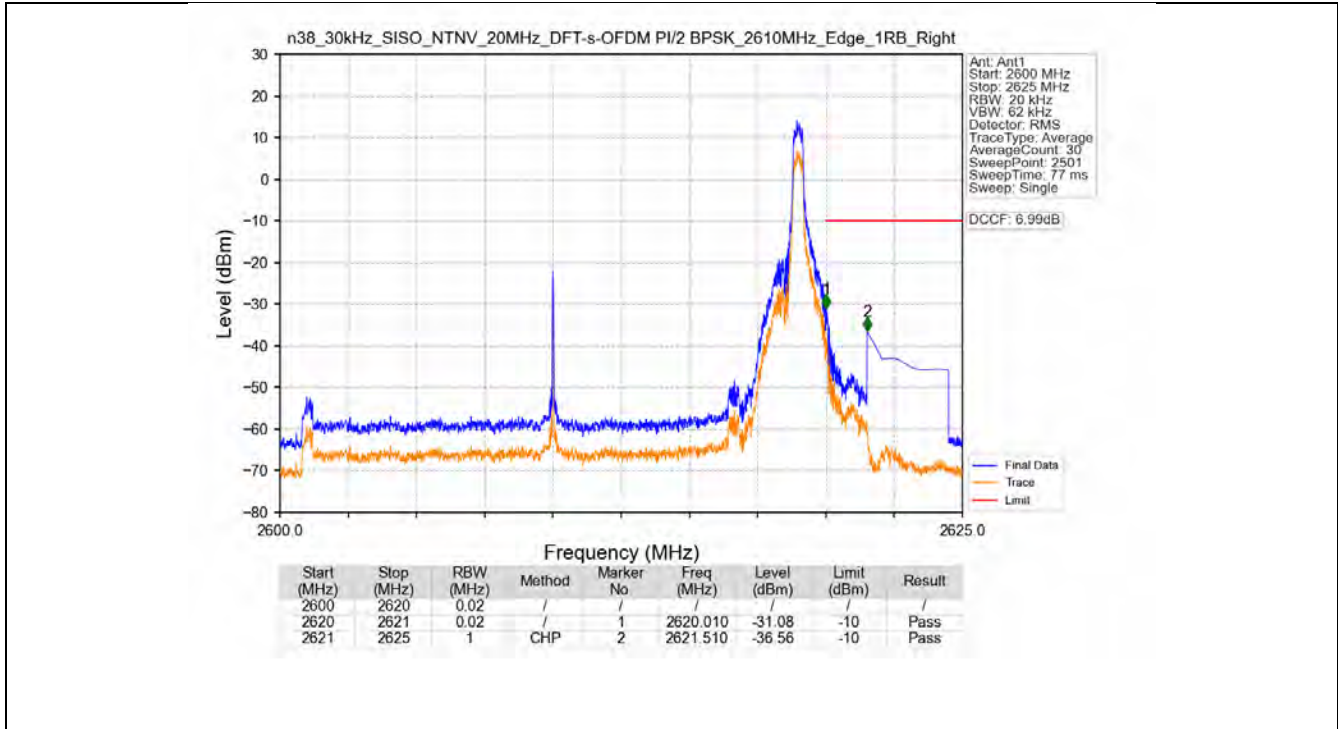


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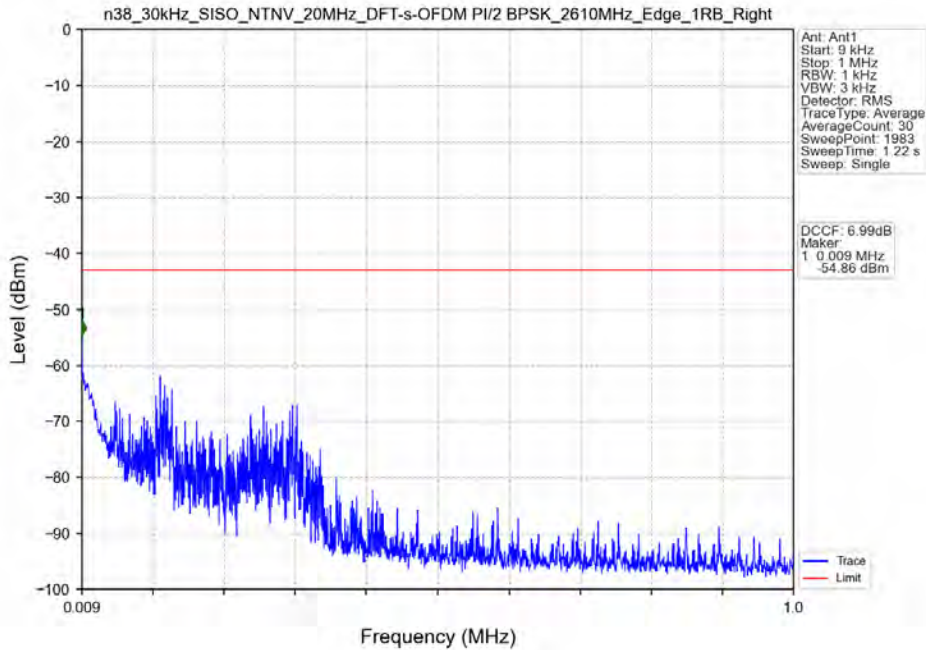
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n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2610MHz_Edge_1RB_Right



n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2610MHz_Edge_1RB_Right



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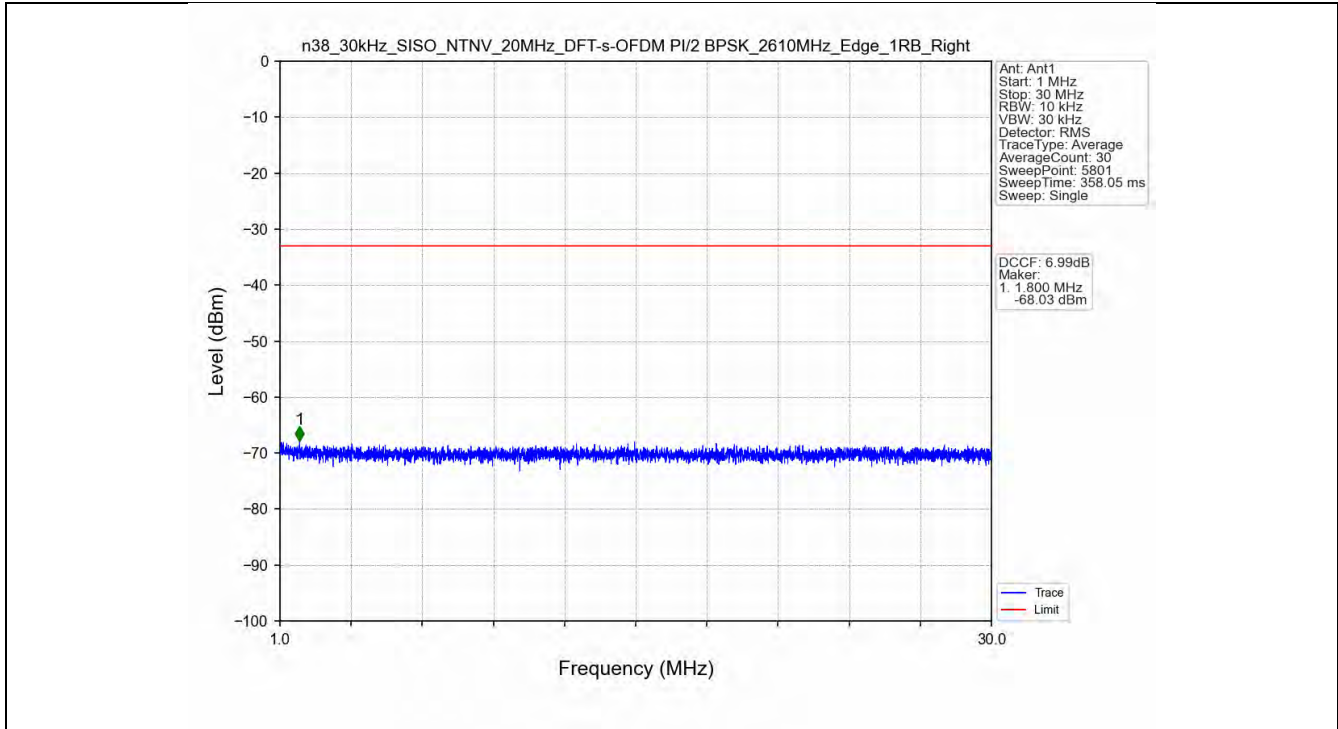


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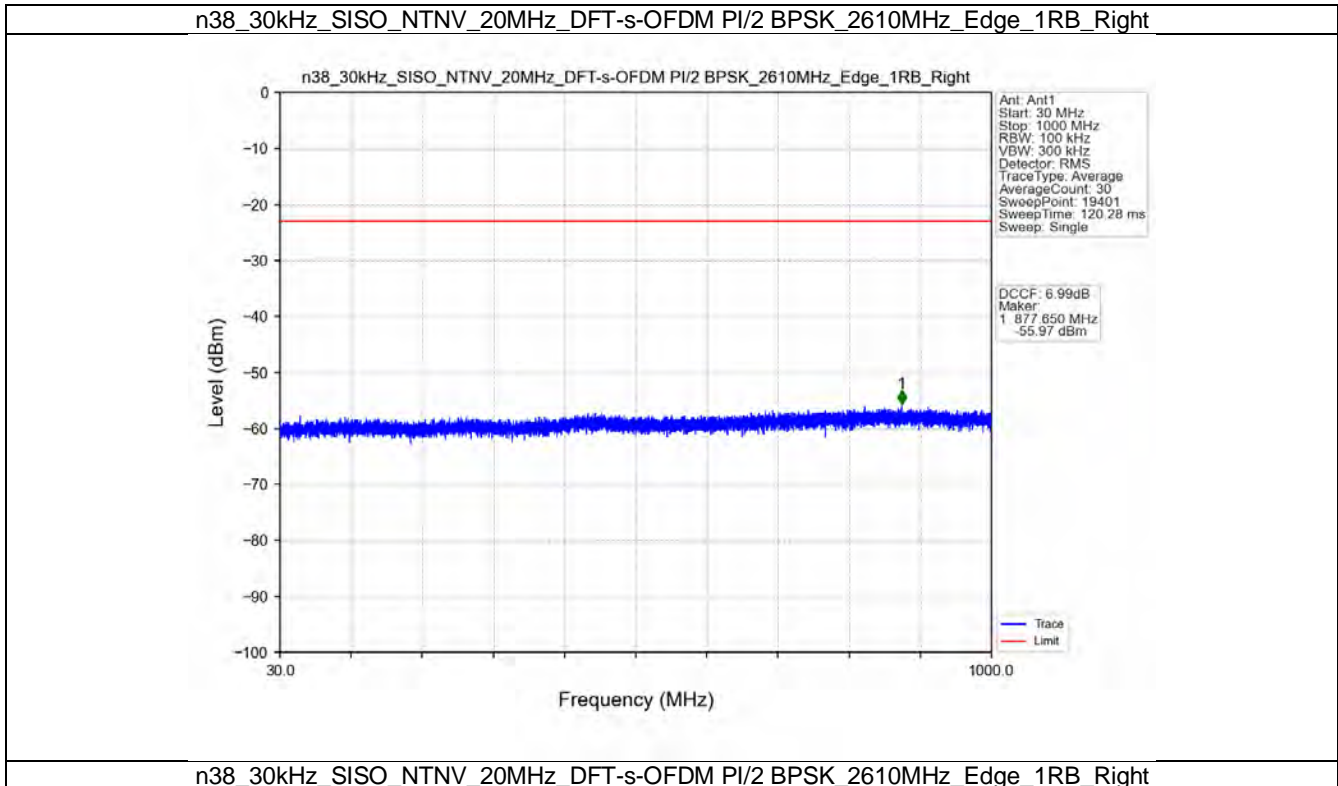


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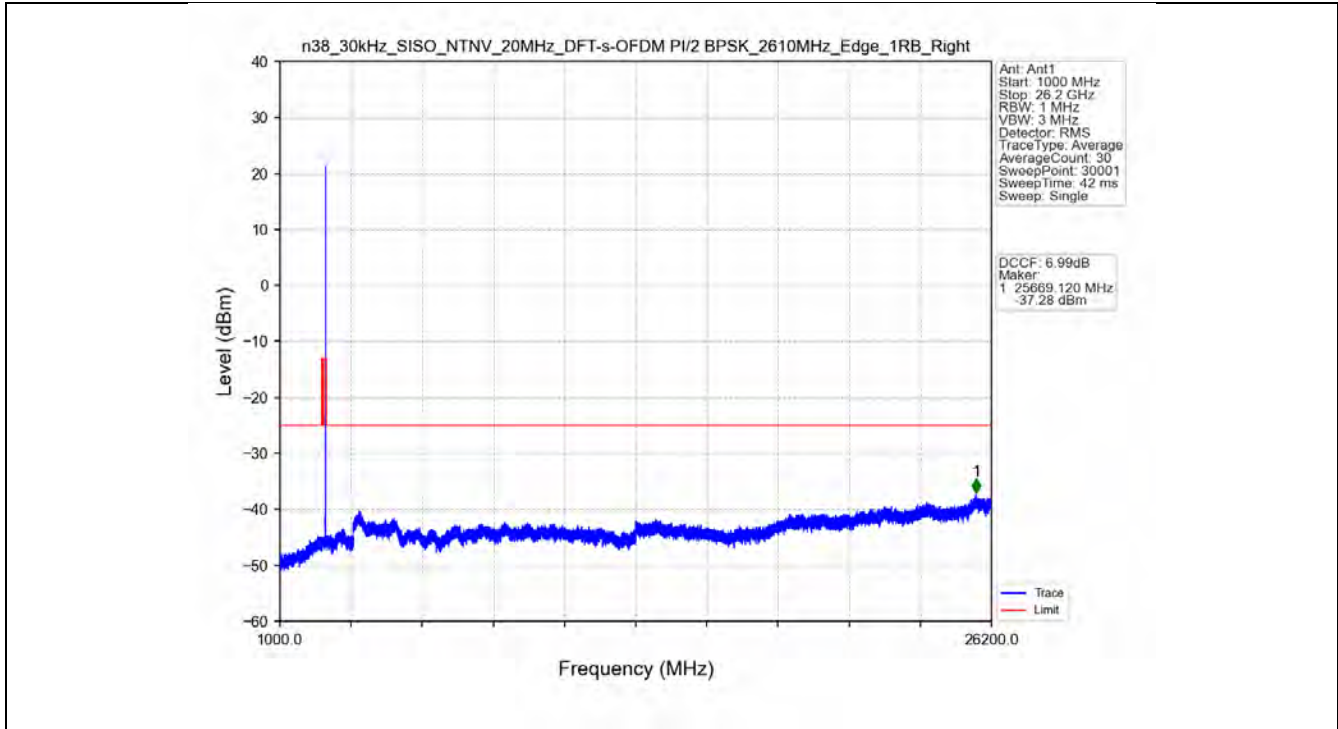


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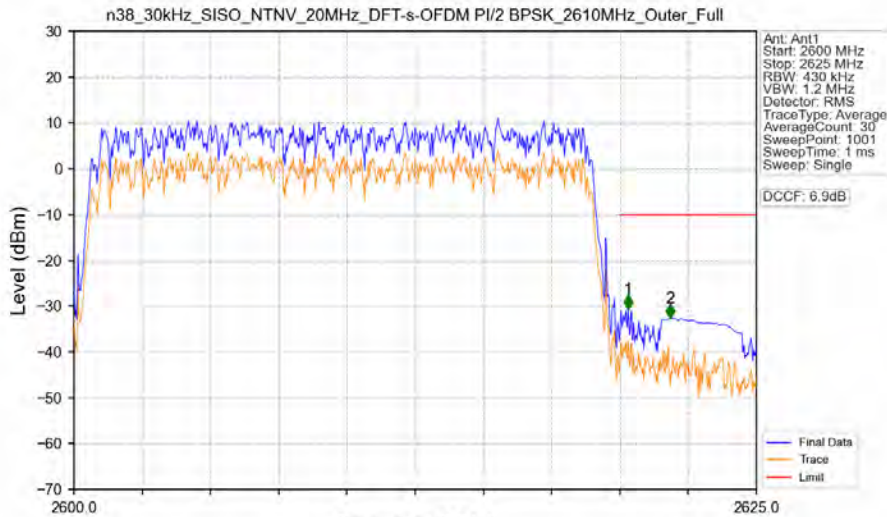
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n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2610MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2600 | 2620 | 0.43 | / | / | / | / | / | / |
| 2620 | 2621 | 0.43 | / | 1 | 2620.300 | -30.75 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.850 | -32.69 | -10 | Pass |

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2610MHz_Inner_1RB_Right



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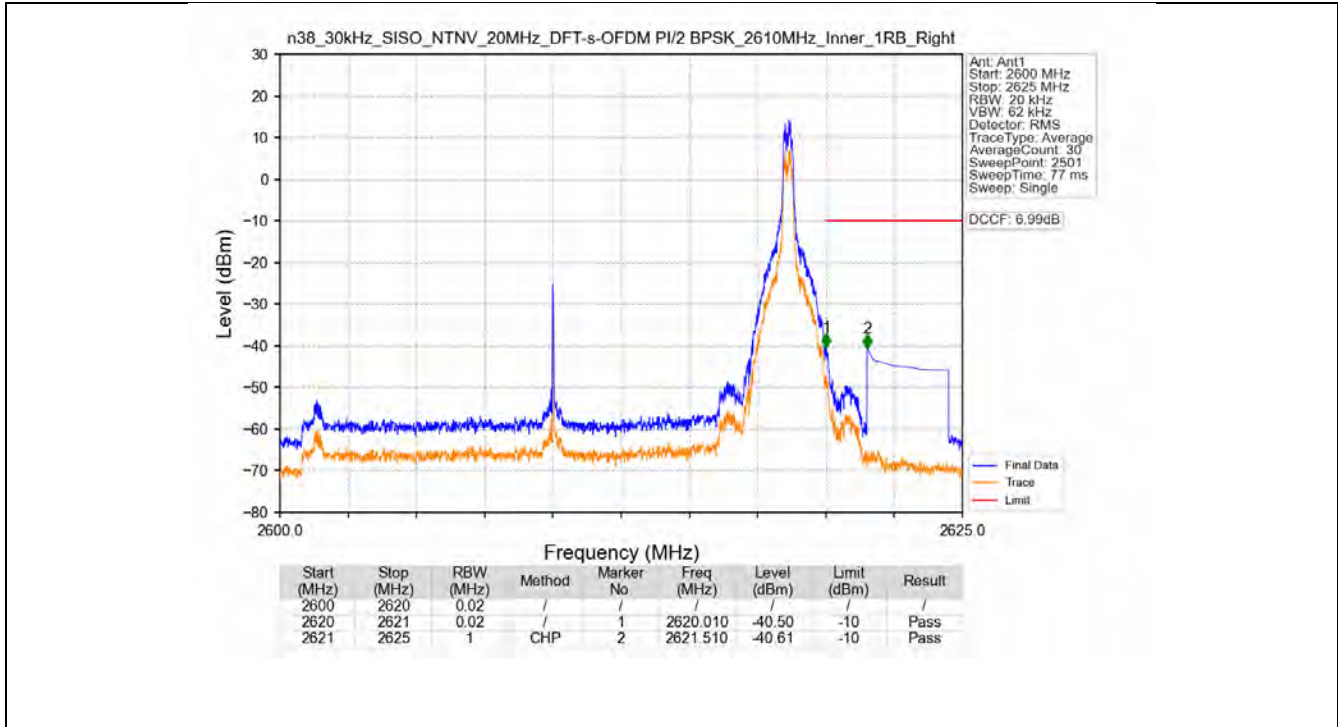


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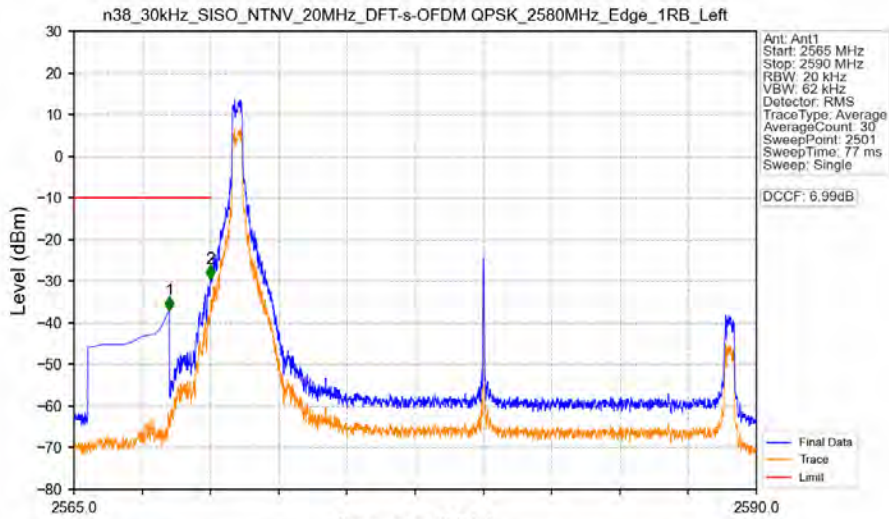
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n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2580MHz_Edge_1RB_Left



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.490 | -37.06 | -10 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2570.000 | -29.46 | -10 | Pass |
| 2570 | 2590 | 0.02 | / | / | / | / | / | / |

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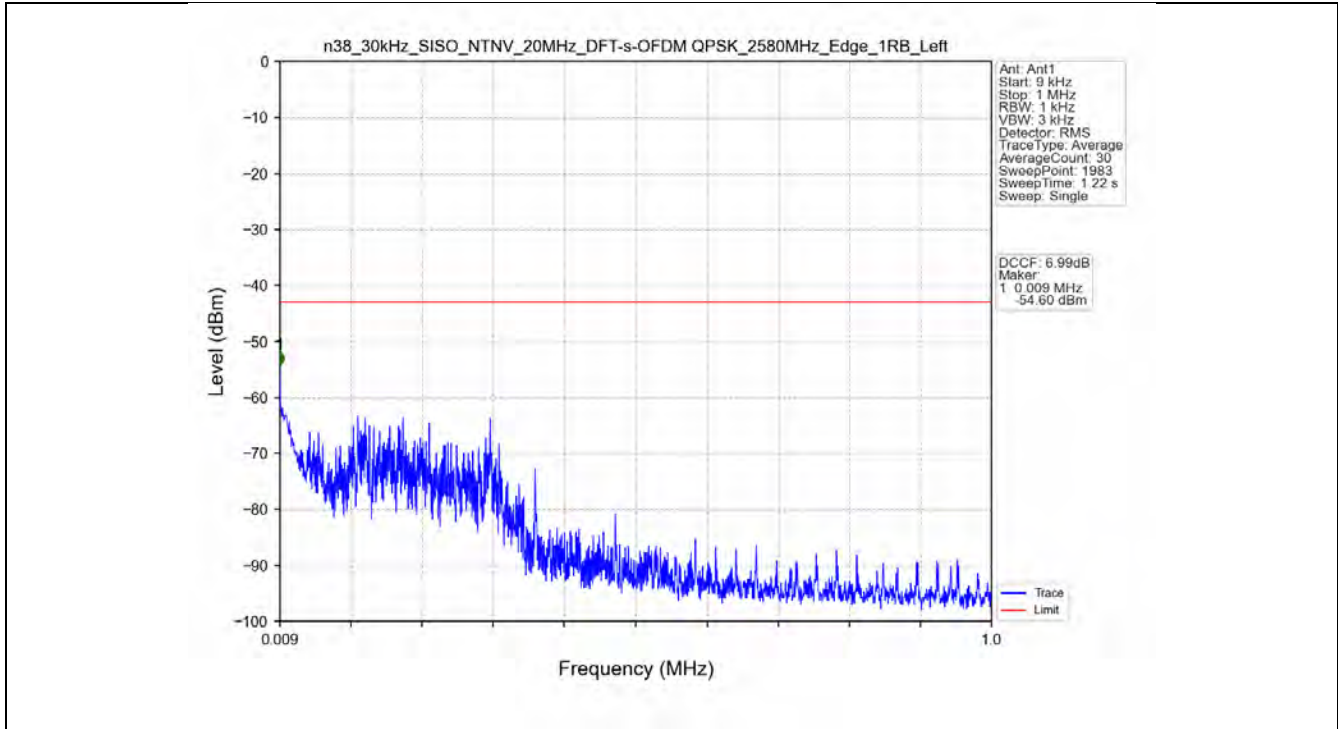


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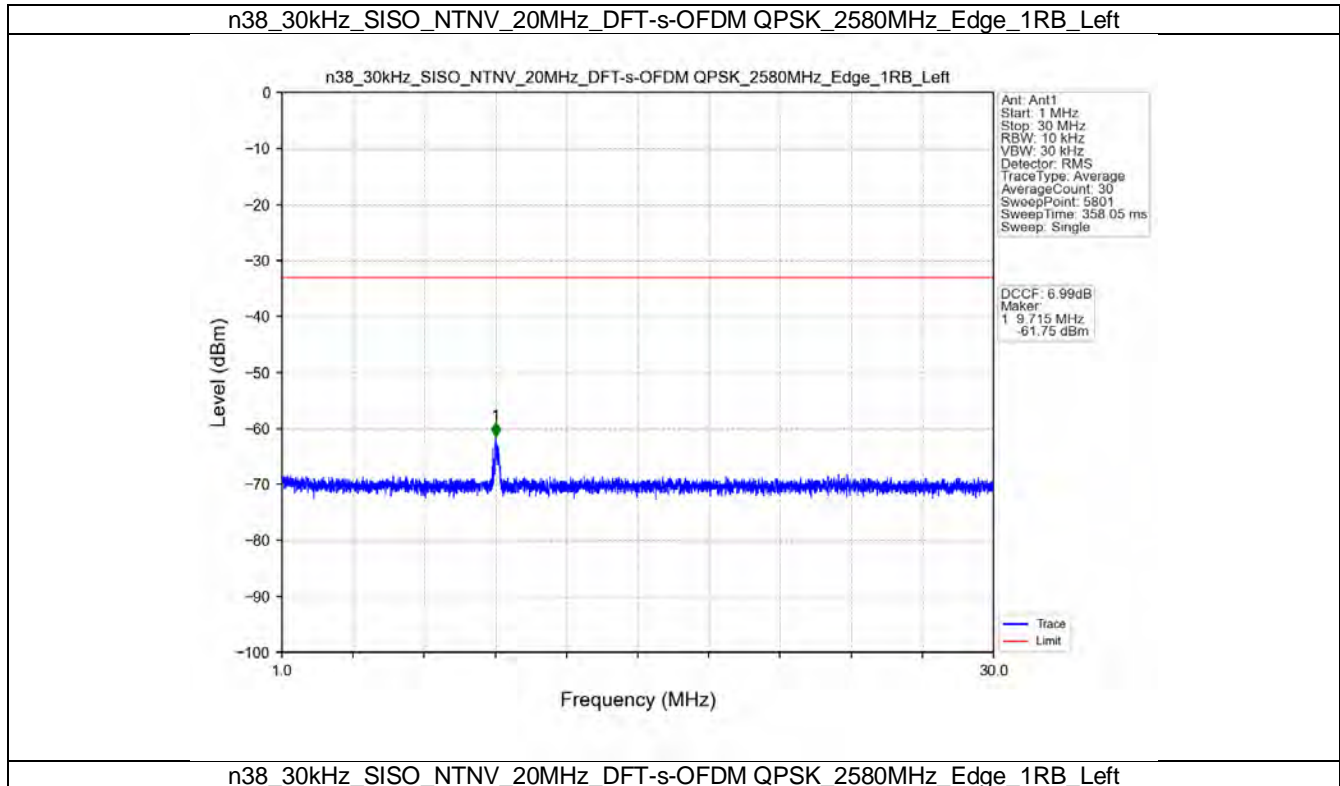


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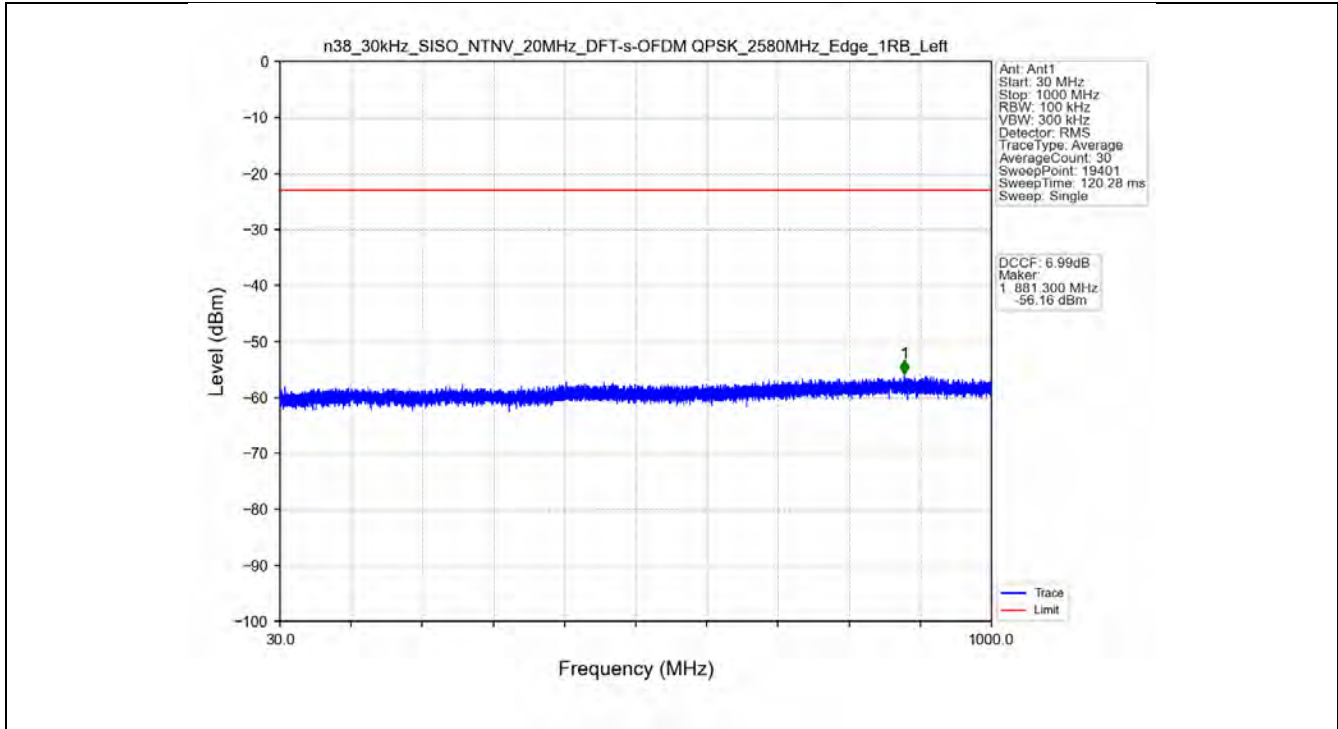


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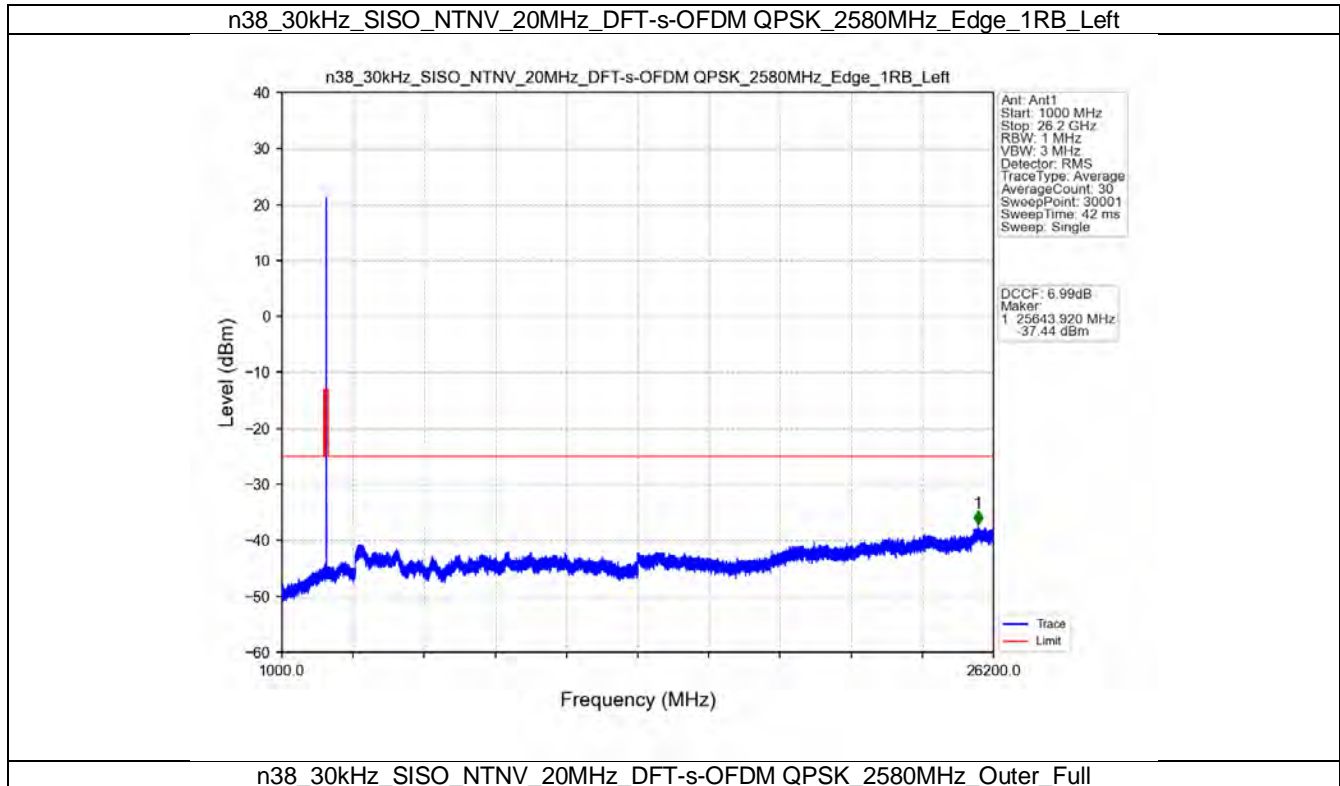


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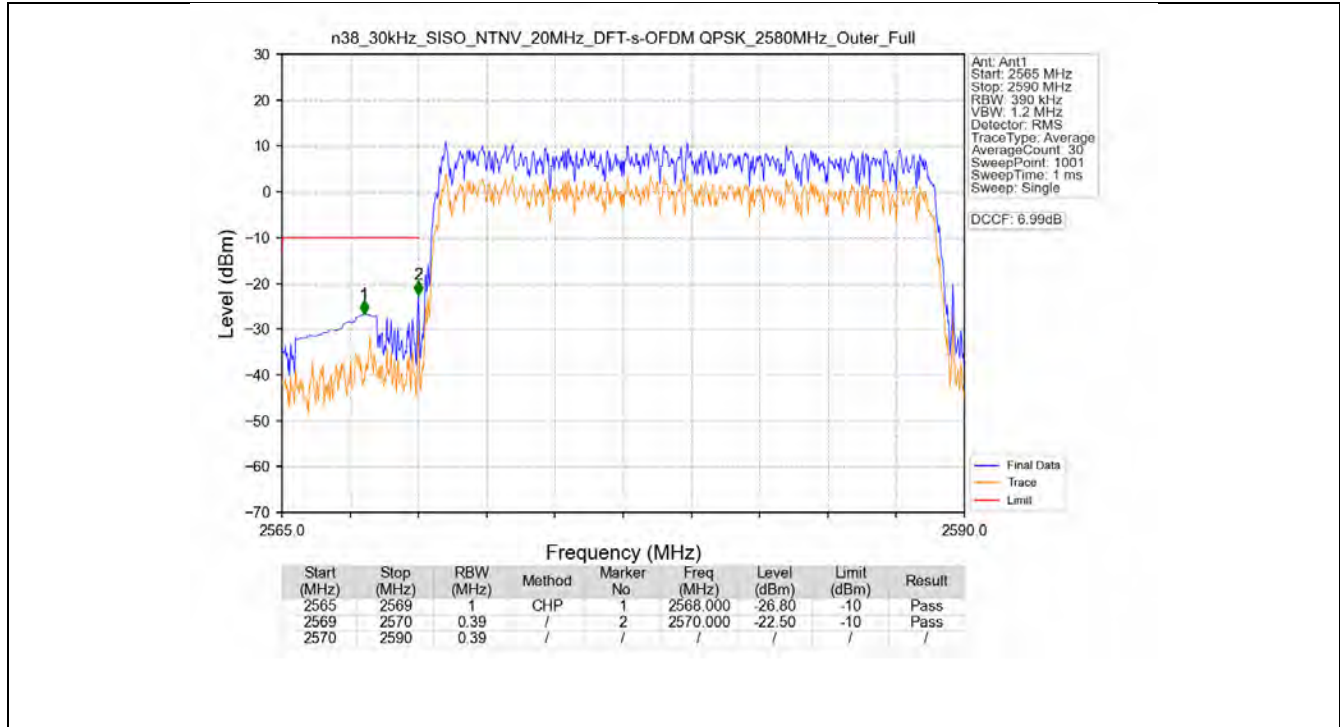


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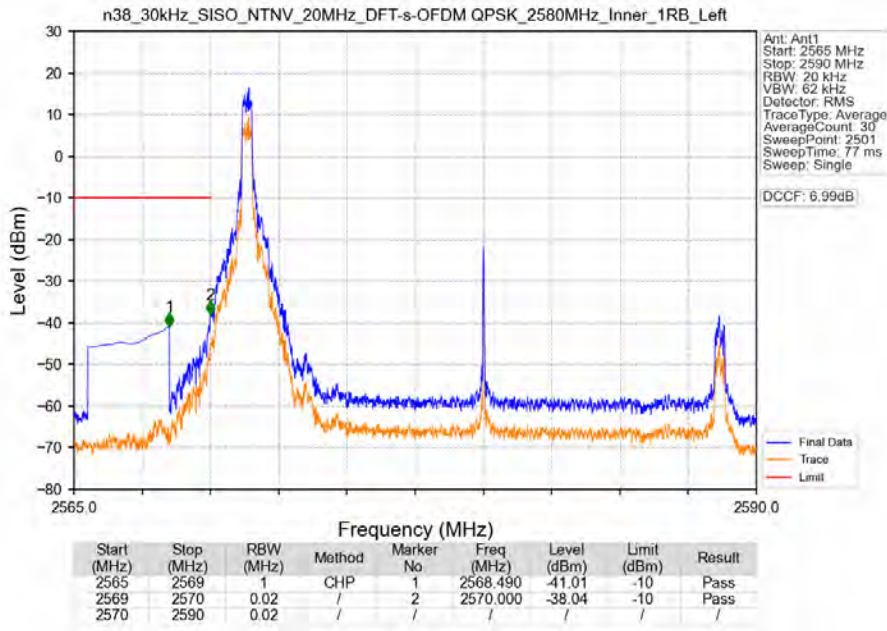
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n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2580MHz_Inner_1RB_Left



n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



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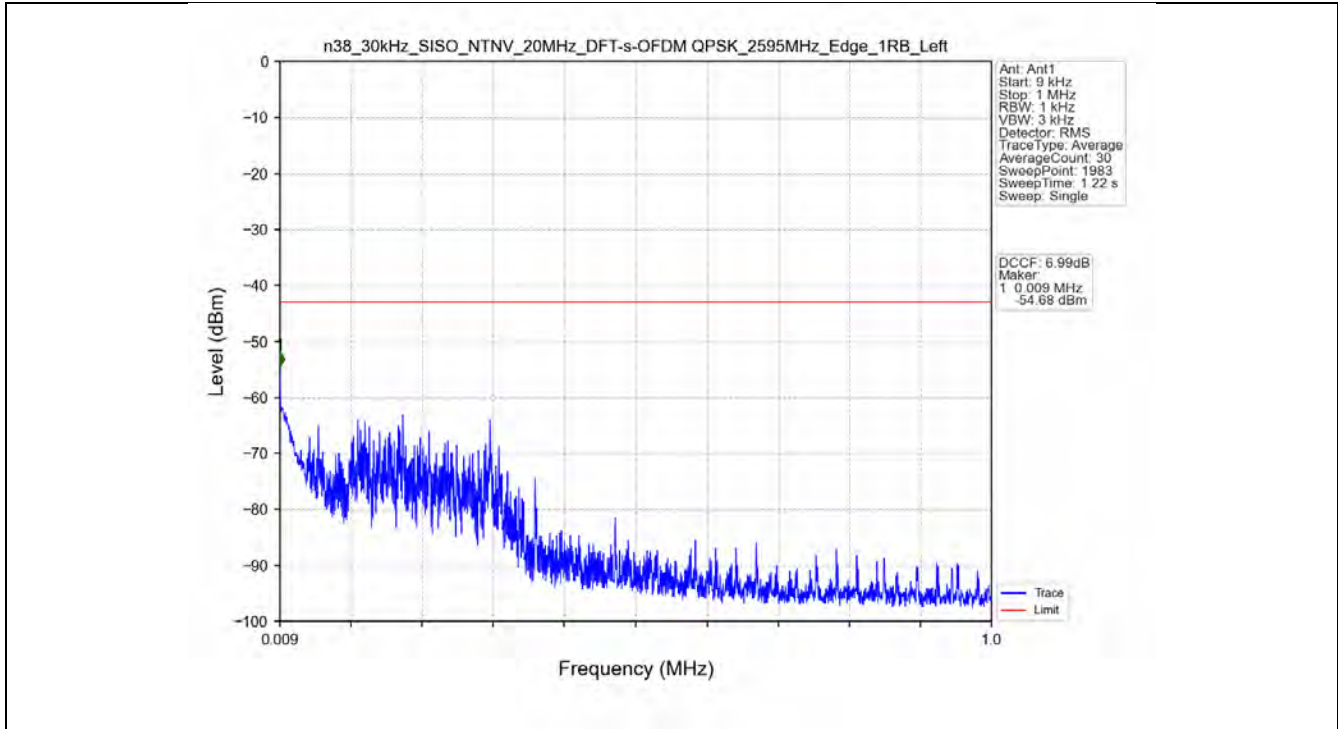


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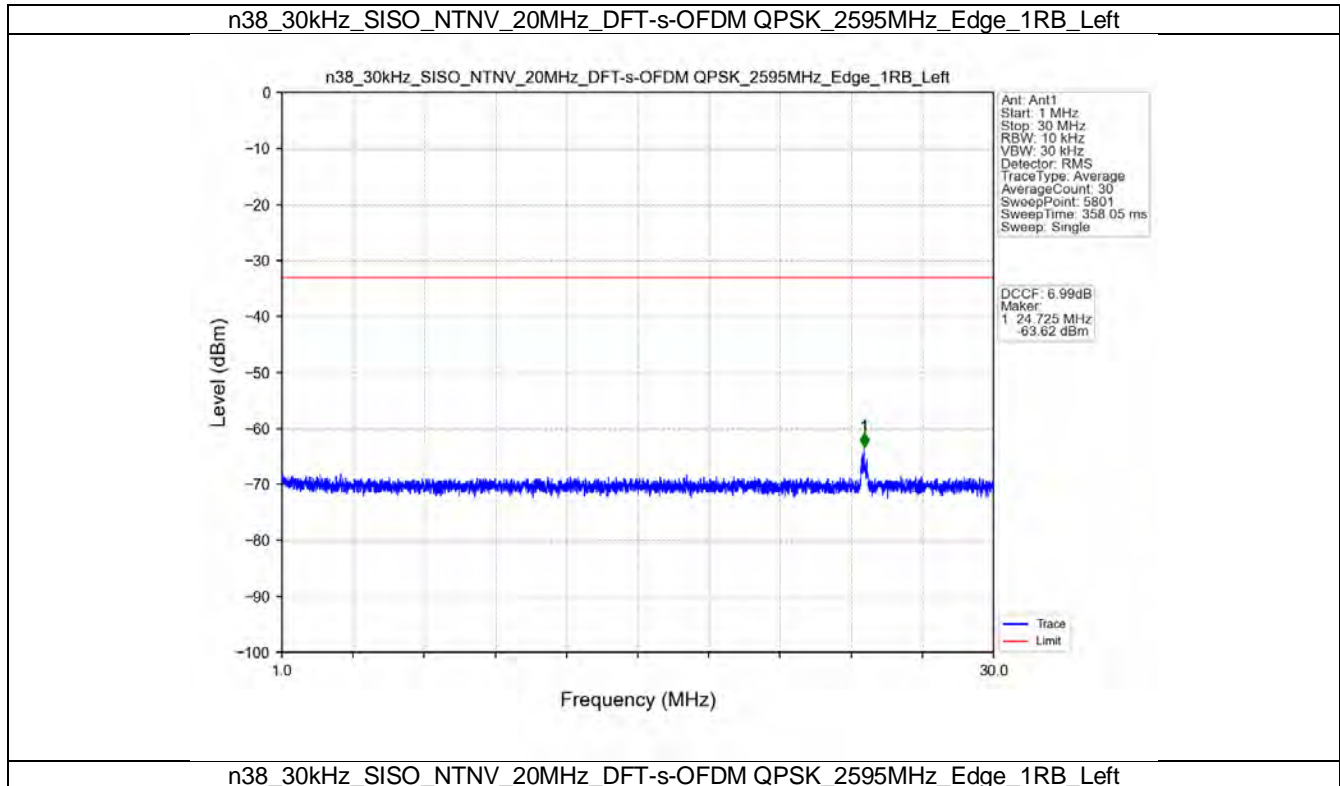


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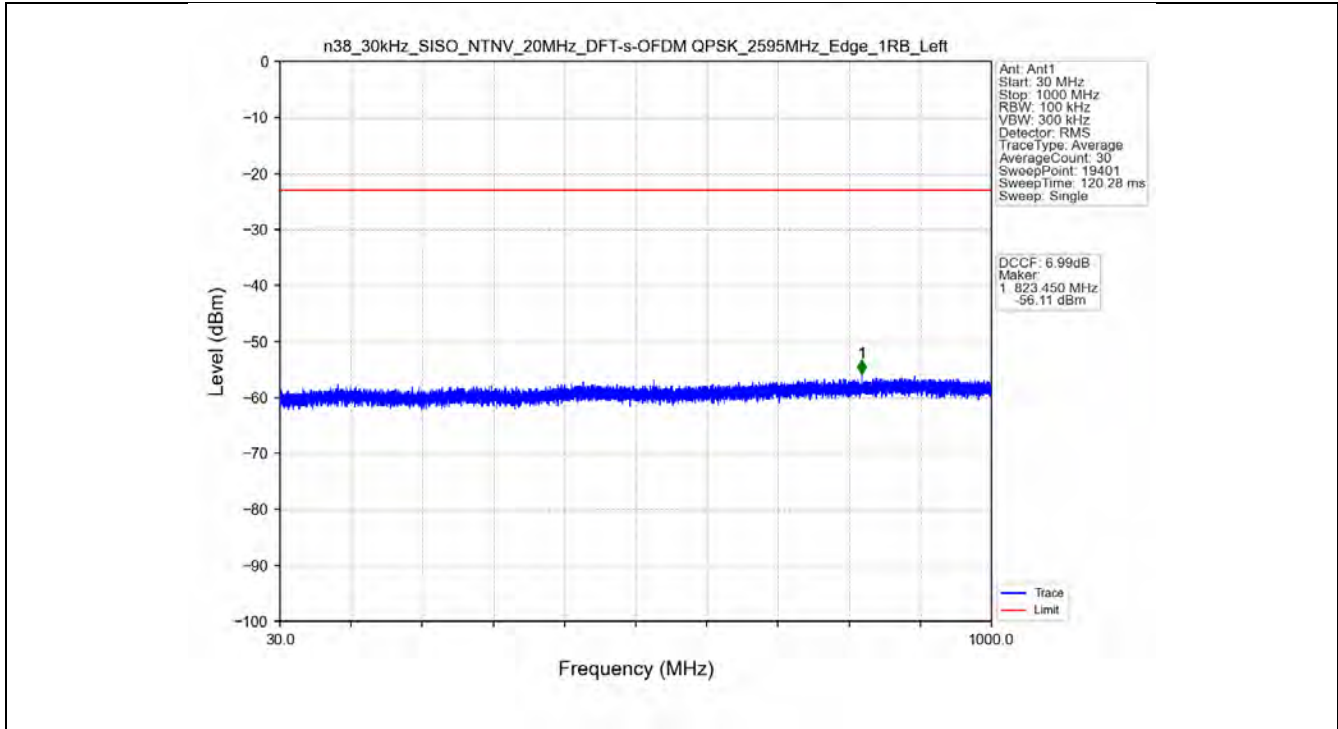


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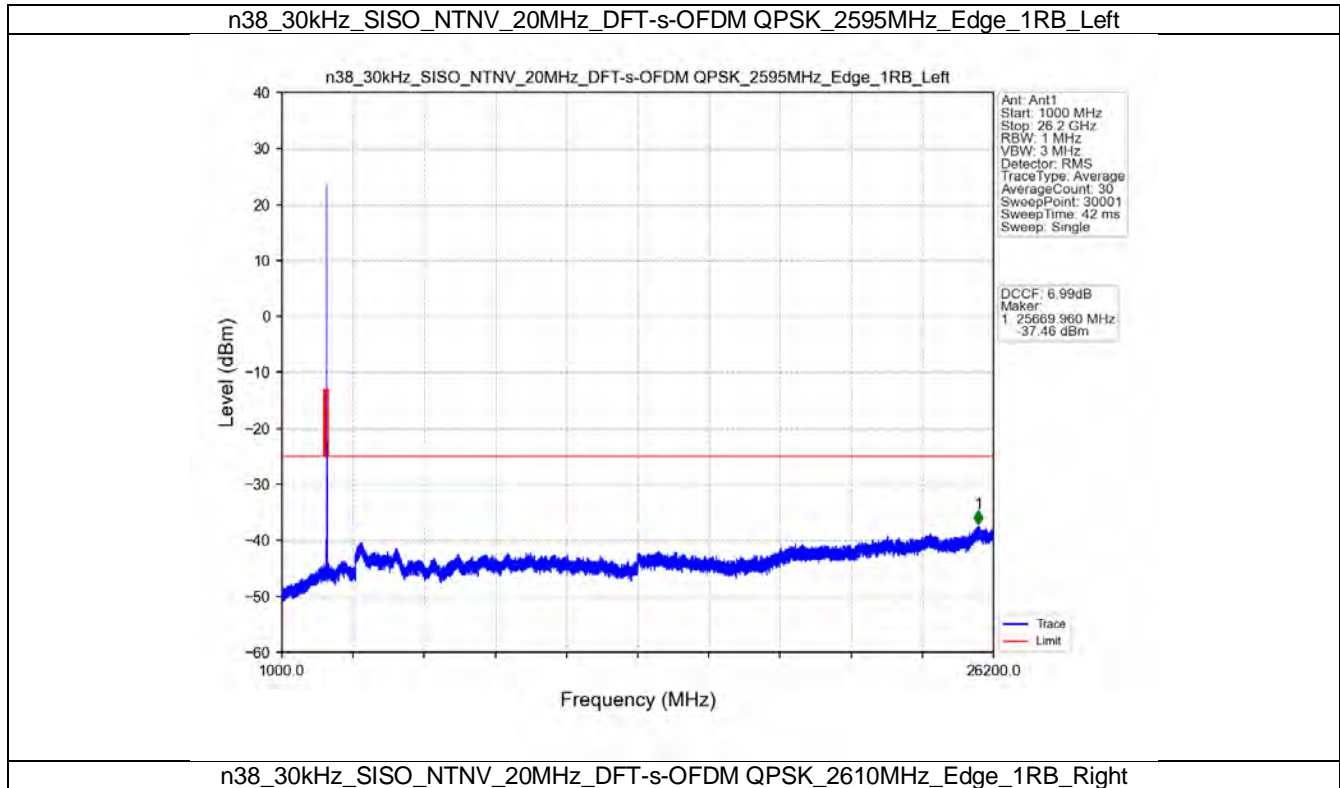


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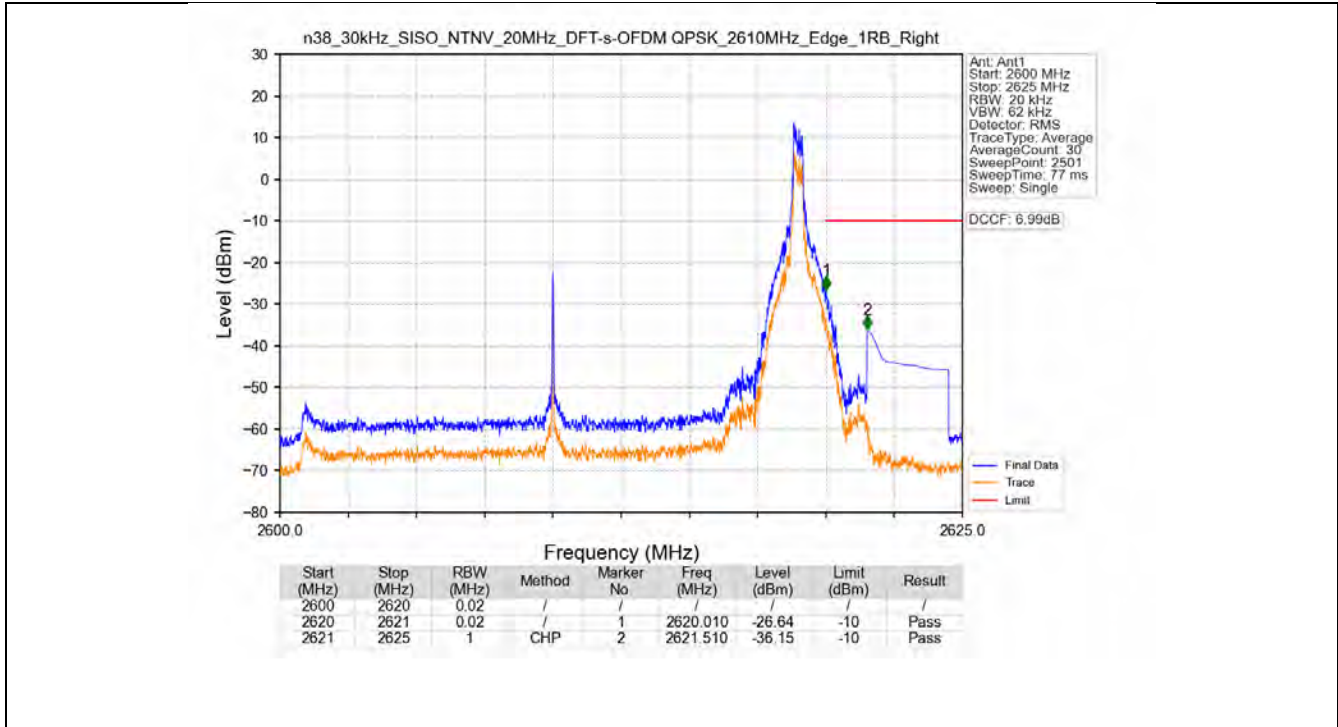


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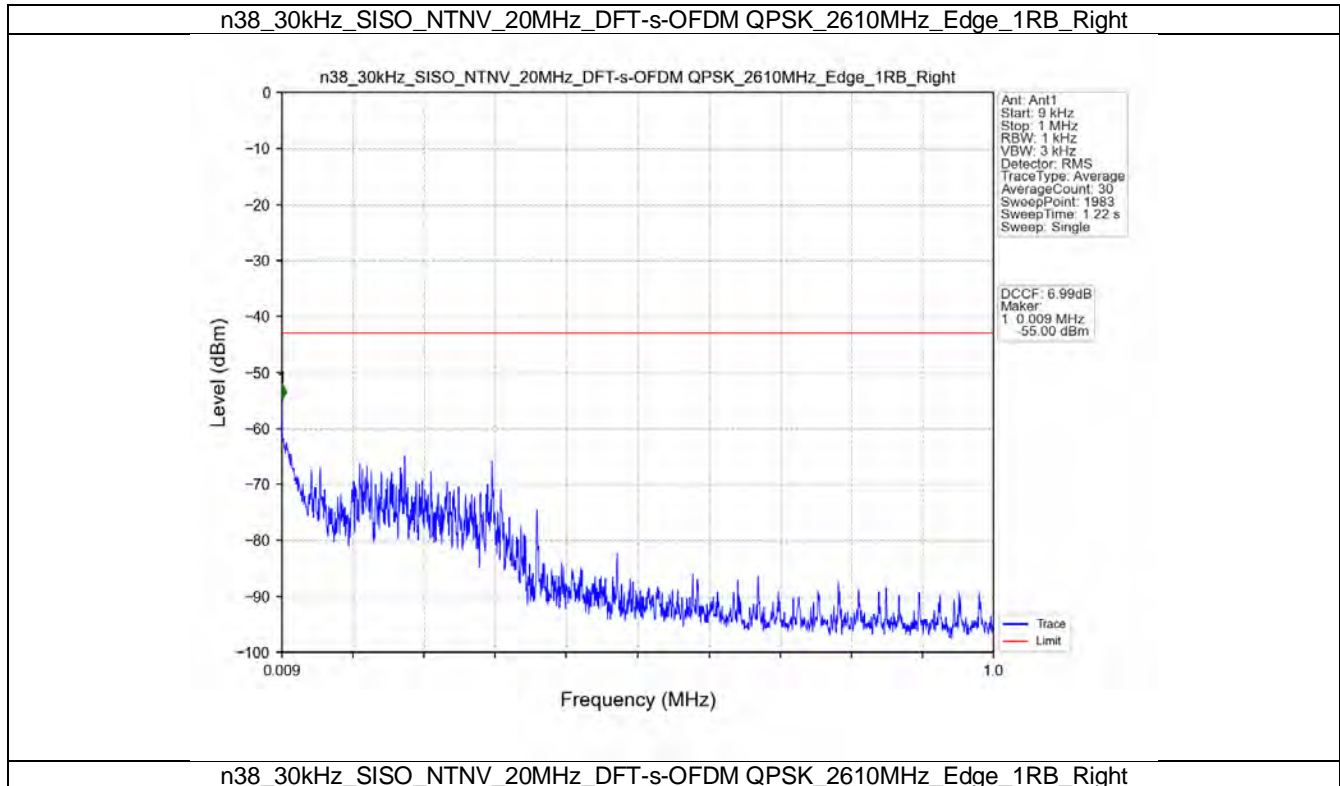


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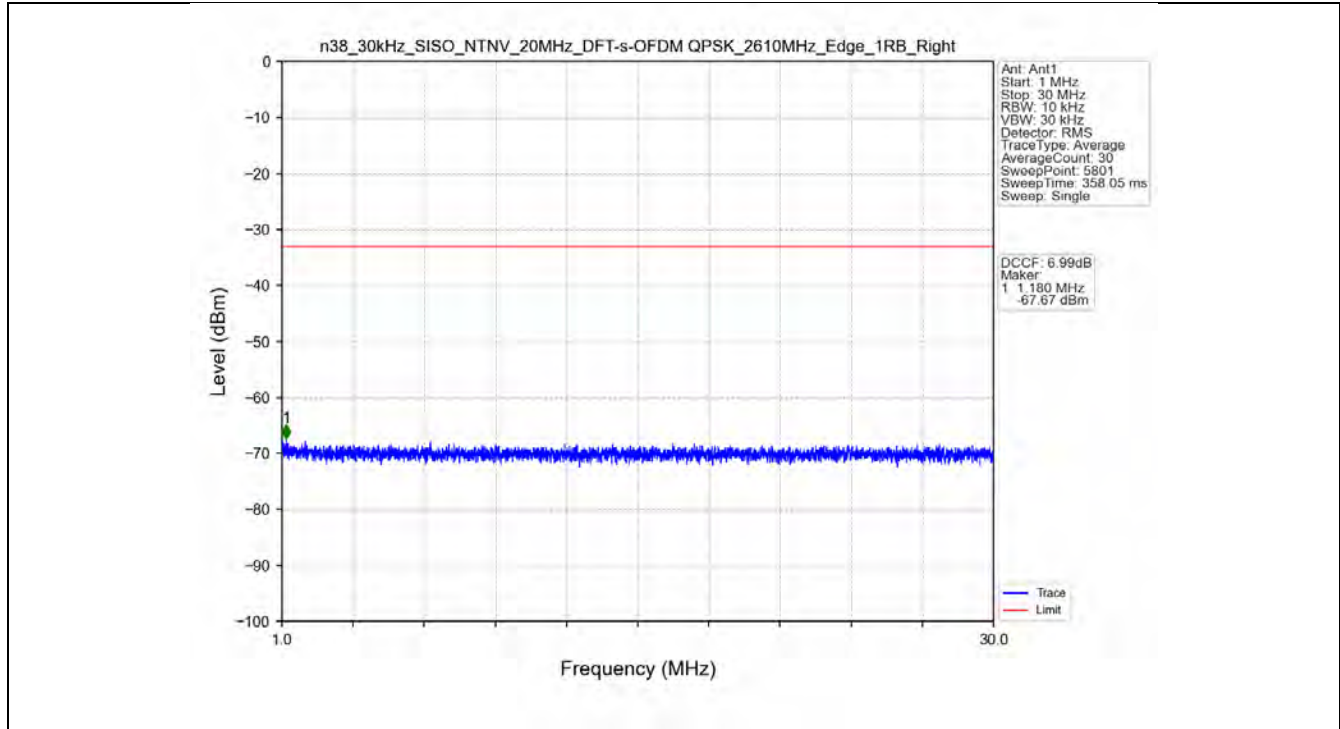


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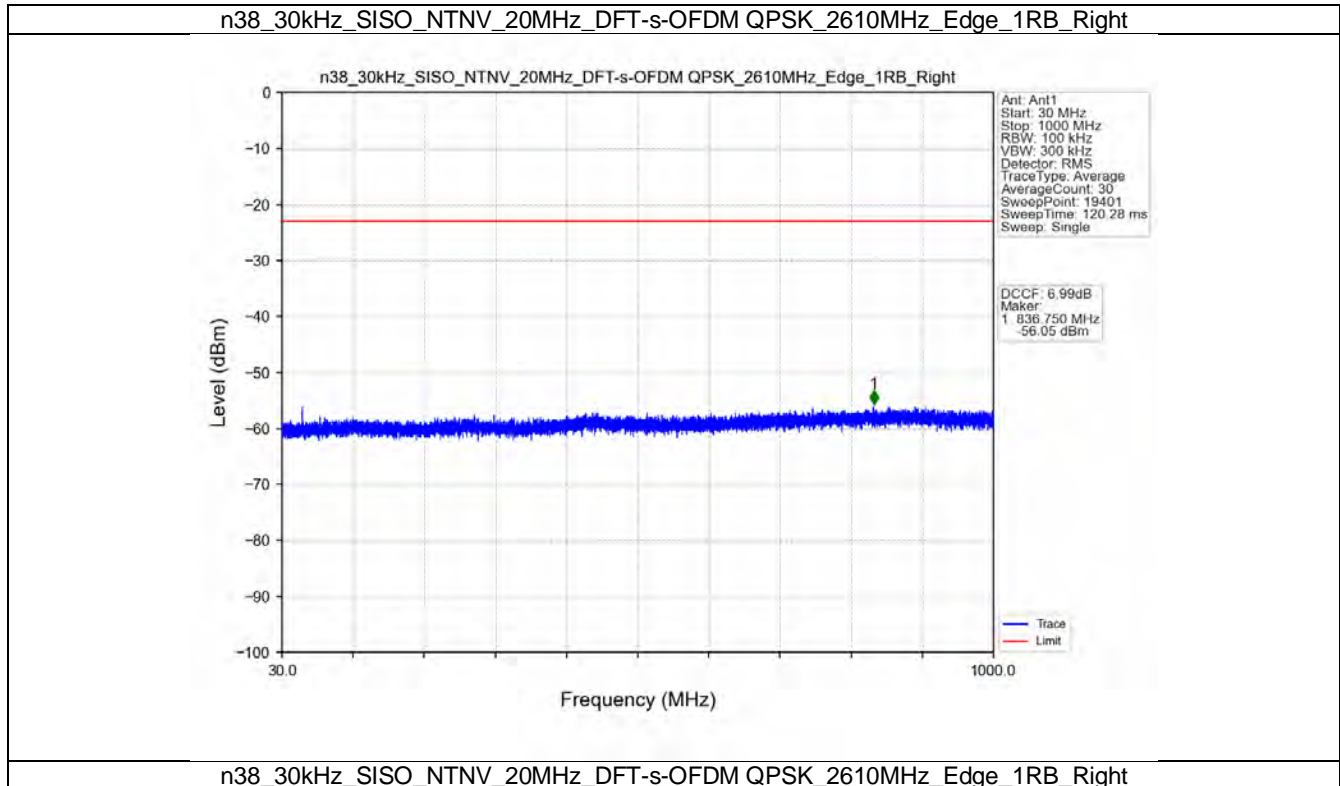


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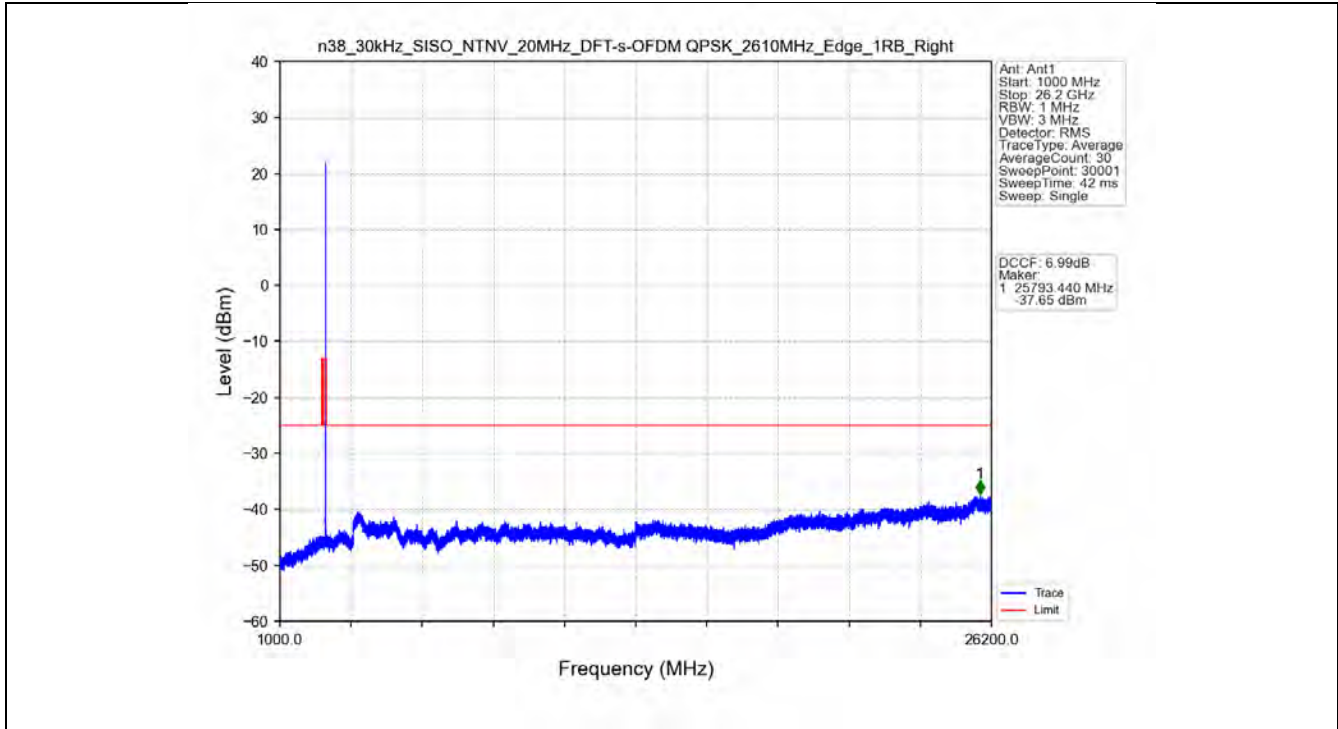


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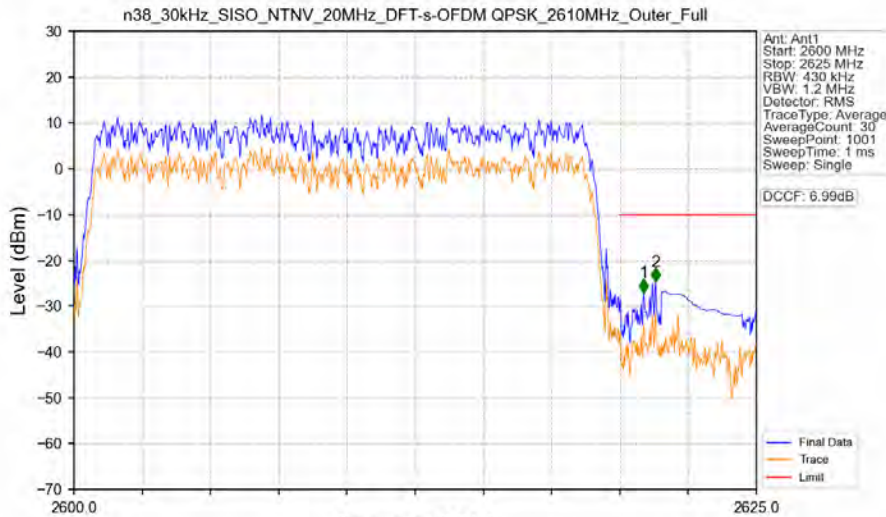
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n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2600 | 2620 | 0.43 | / | / | / | / | / | / |
| 2620 | 2621 | 0.43 | / | 1 | 2620.875 | -27.07 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.300 | -24.71 | -10 | Pass |

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Inner_1RB_Right



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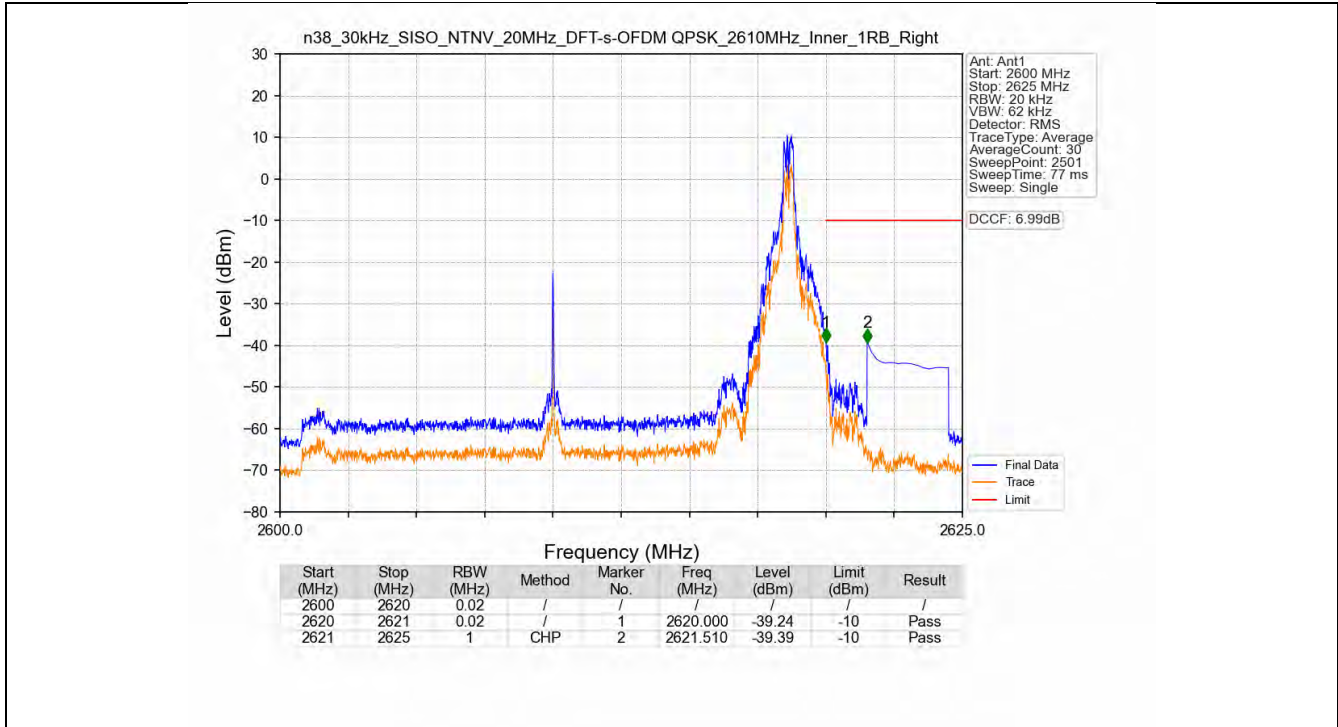


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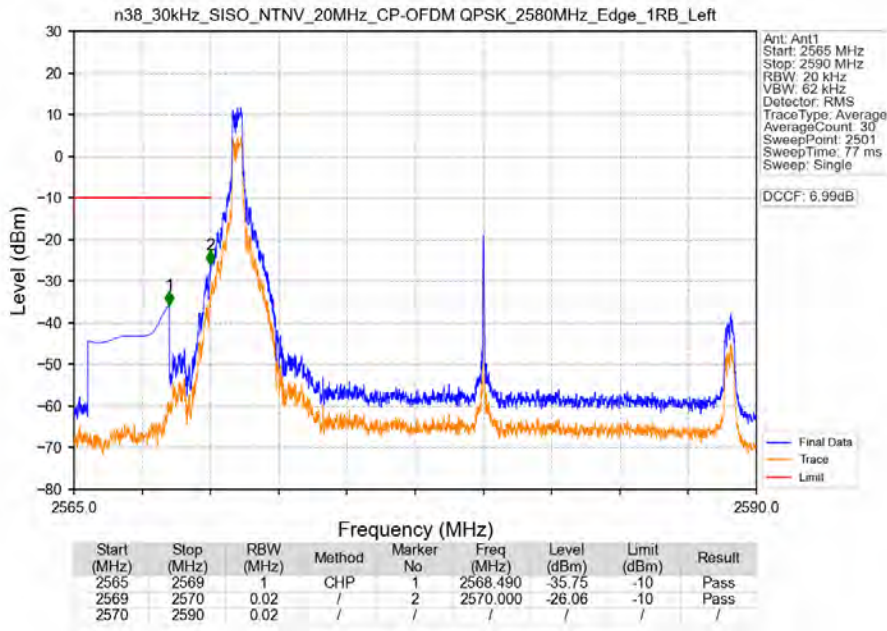
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n38_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



n38_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



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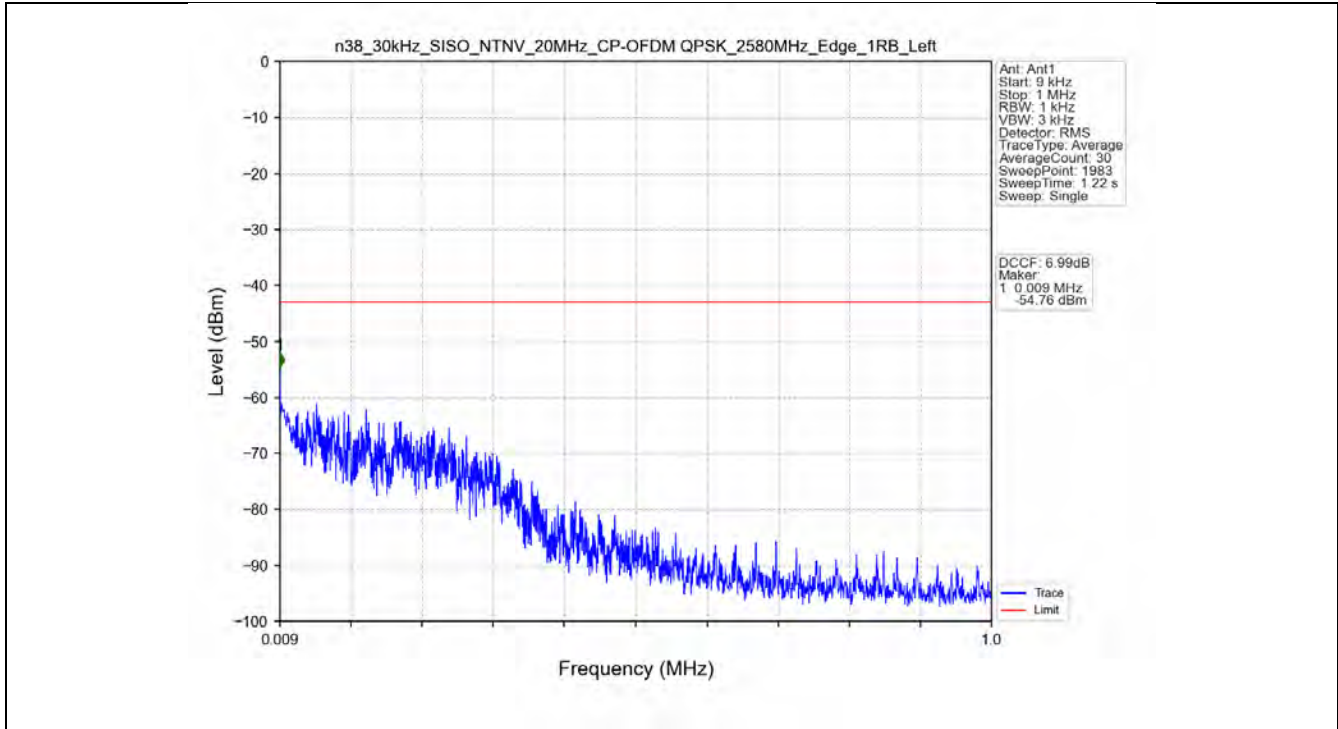


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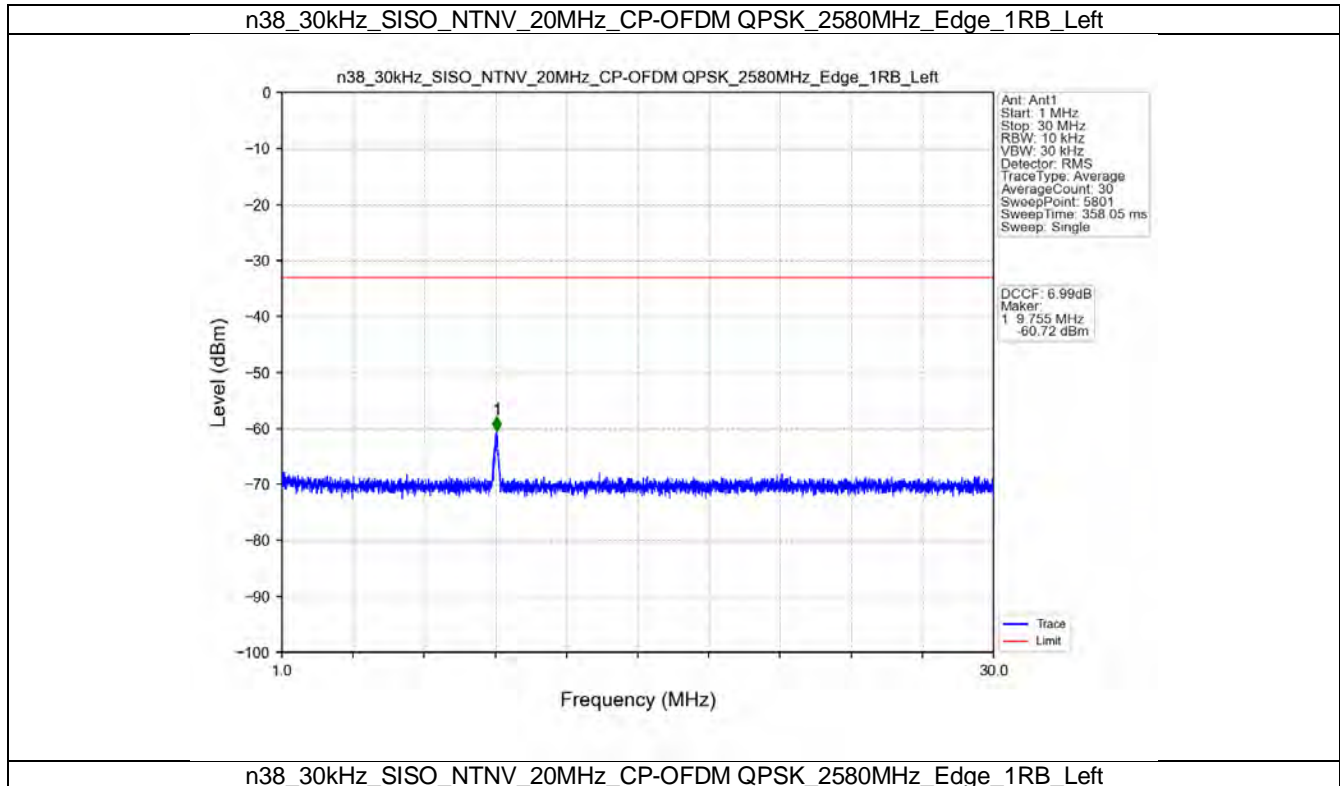


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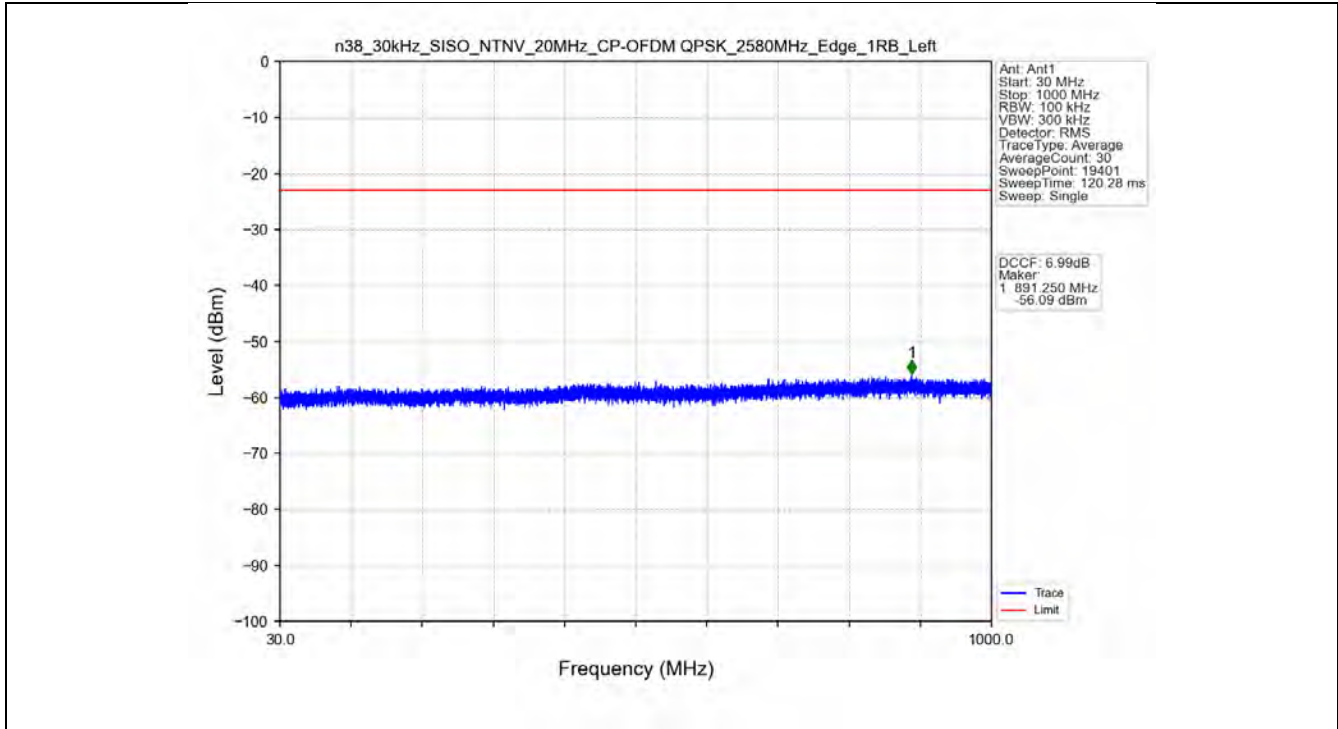


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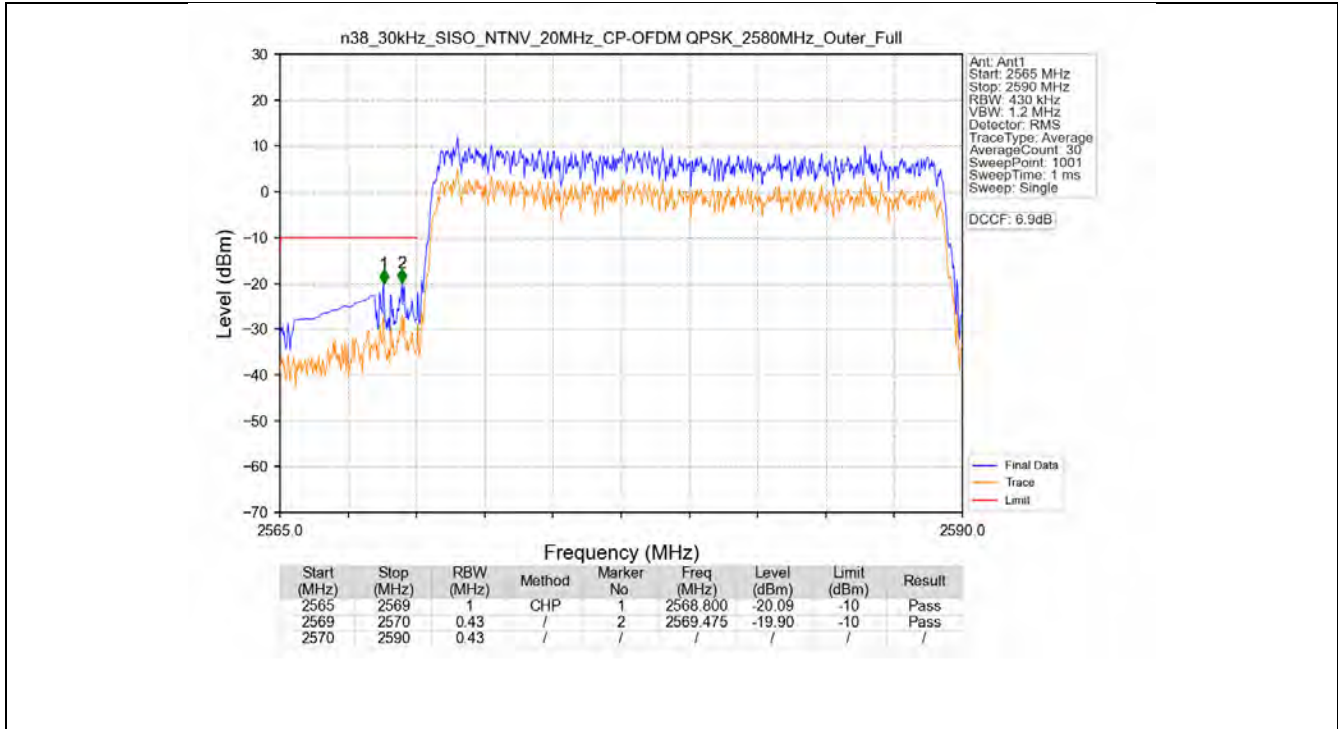


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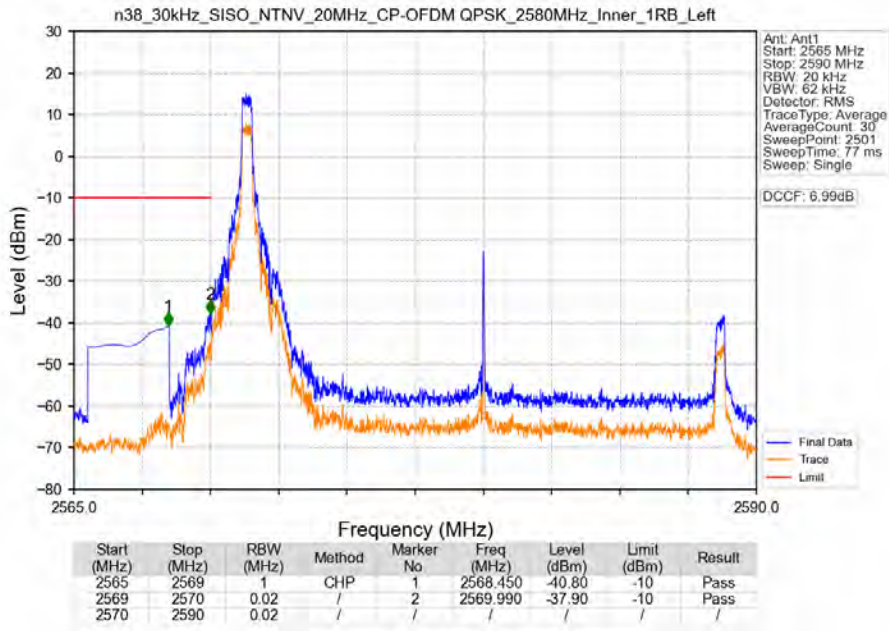
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n38_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Inner_1RB_Left



n38_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left



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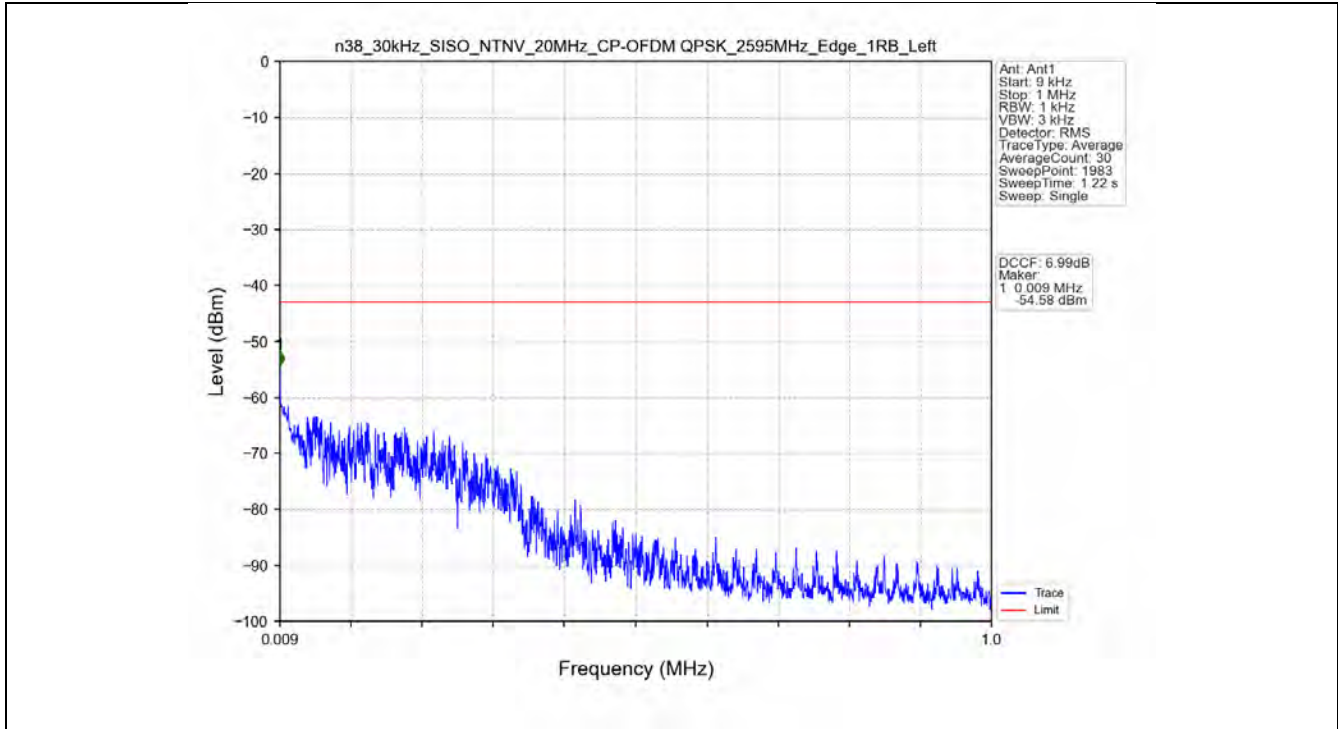


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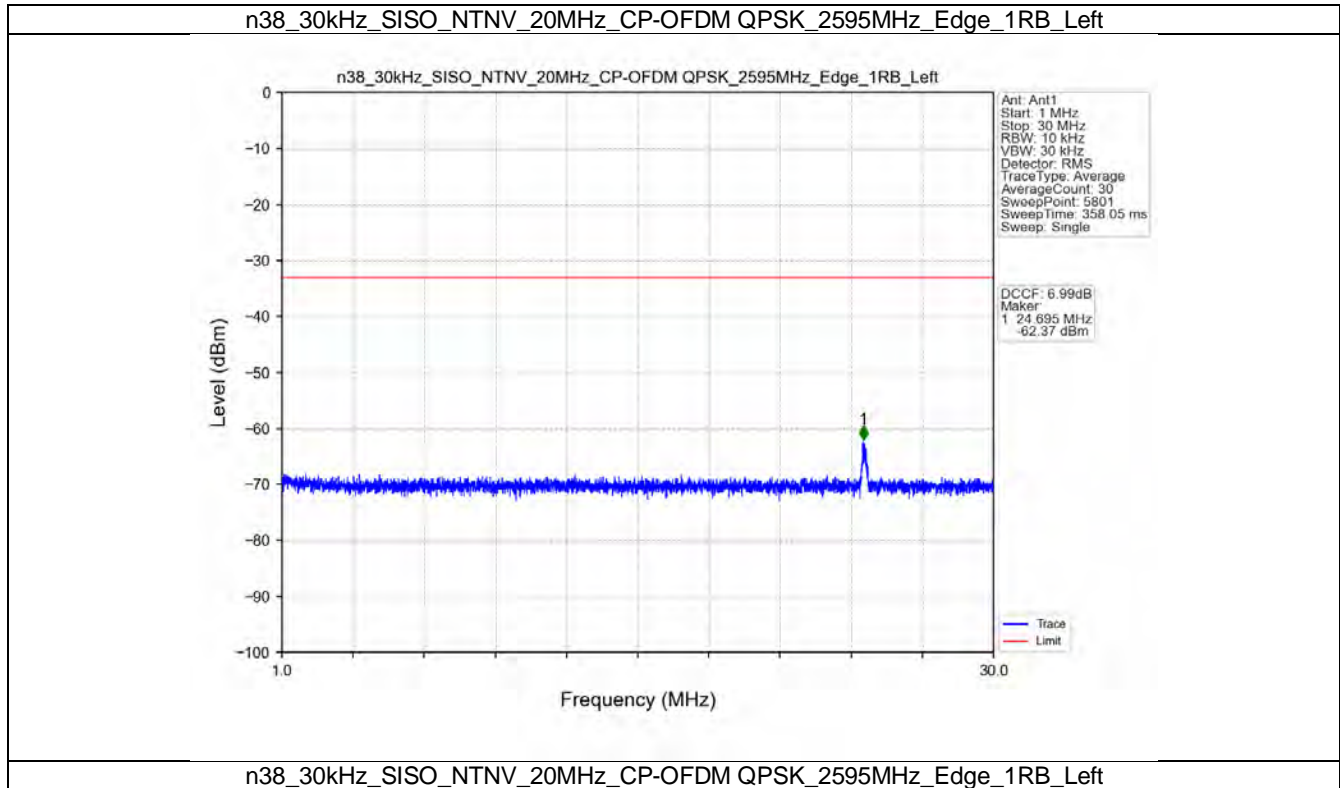


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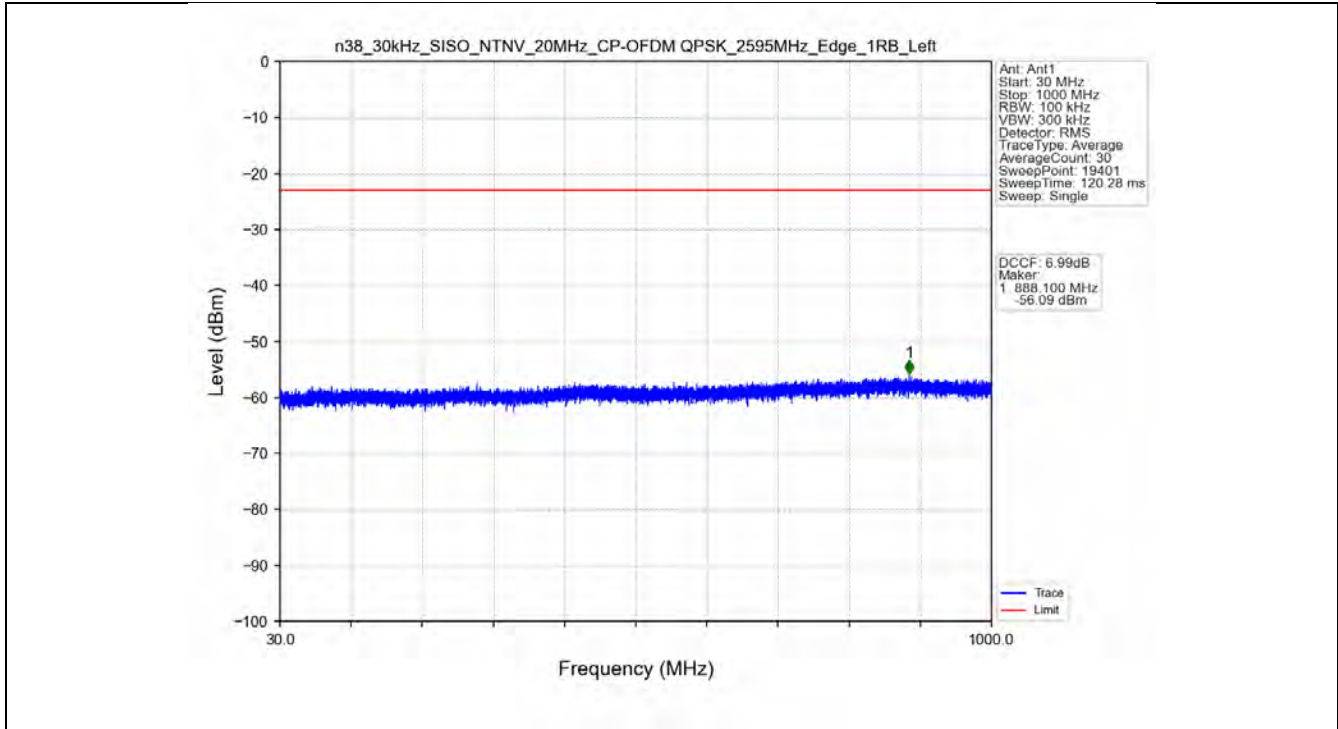


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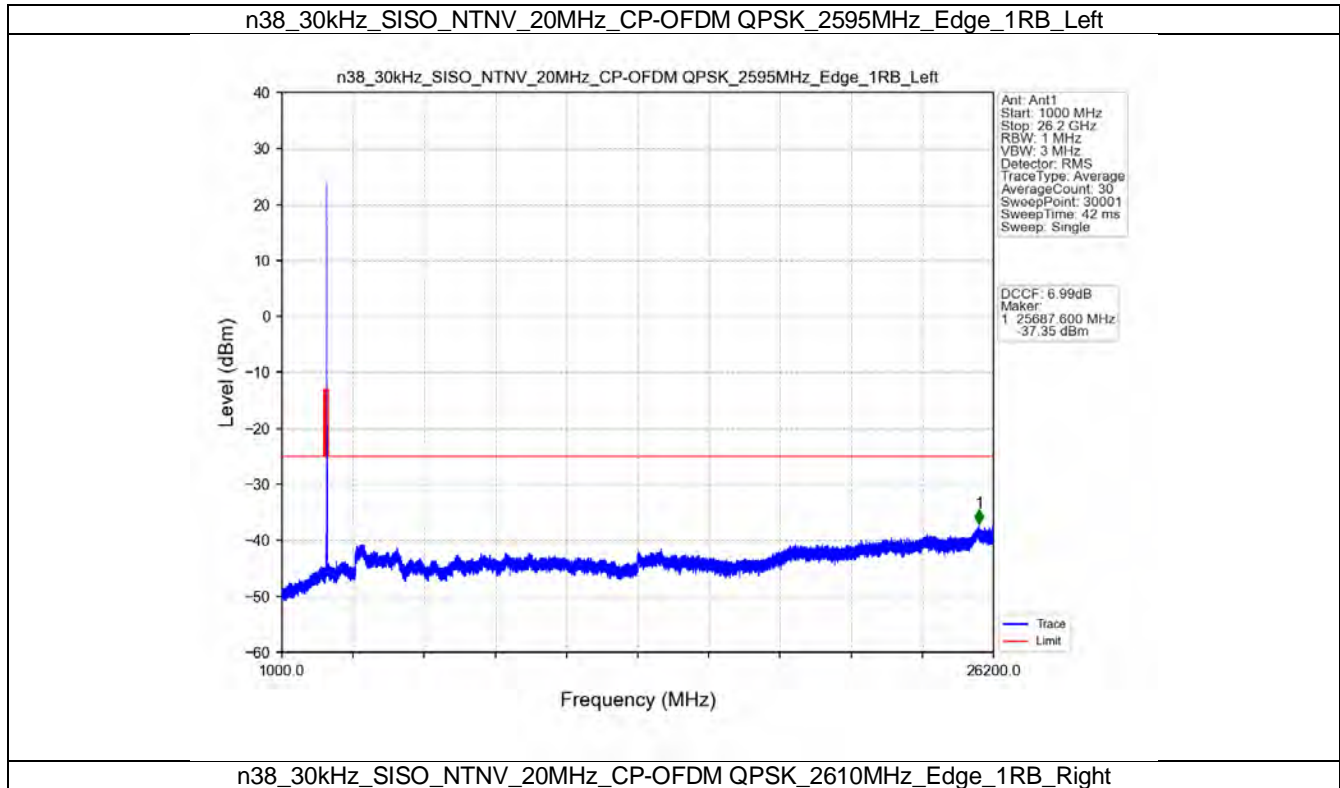


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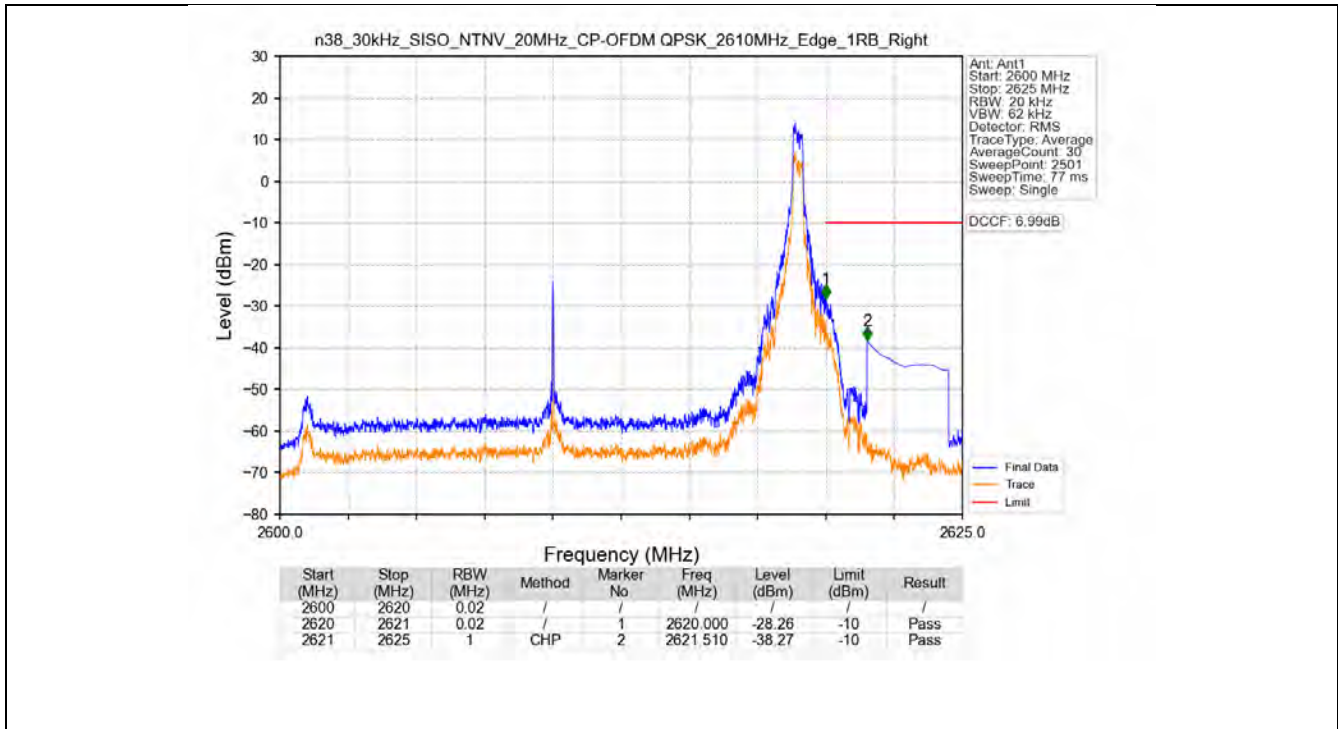


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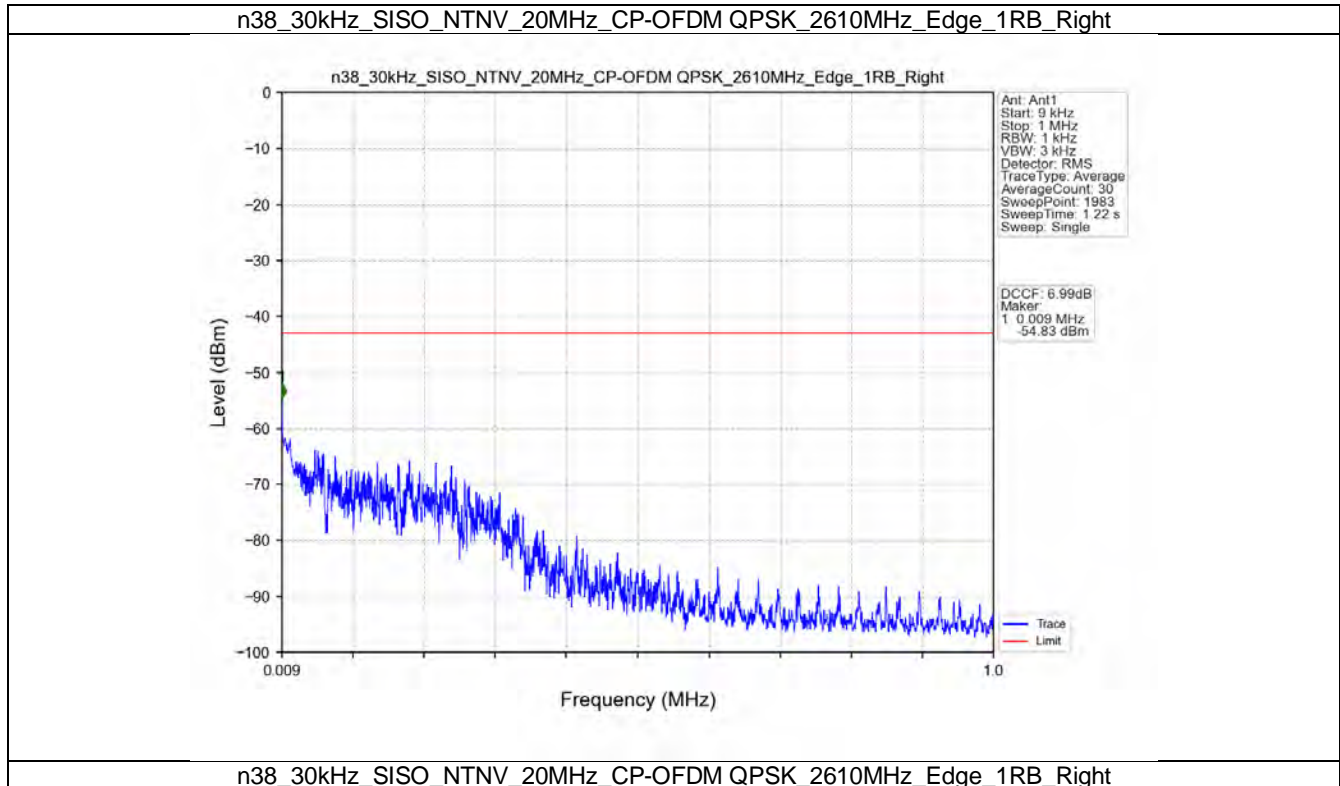


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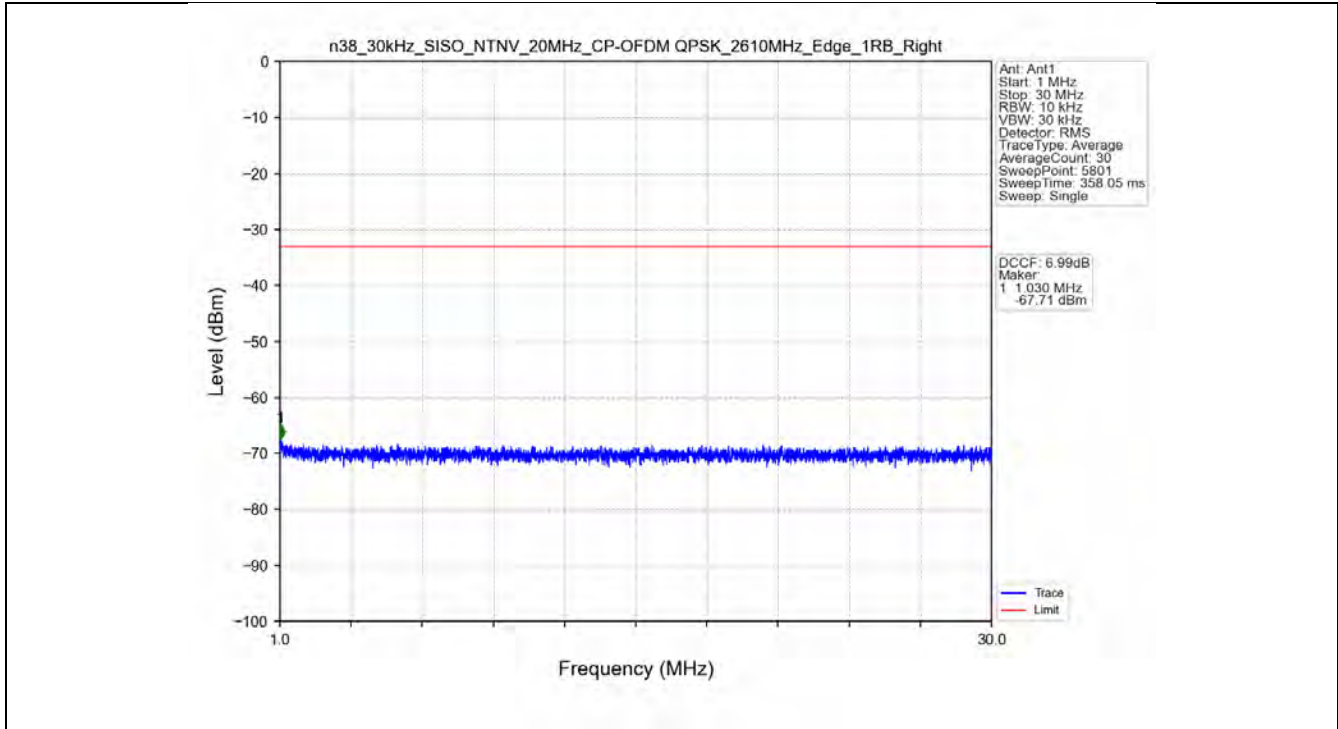


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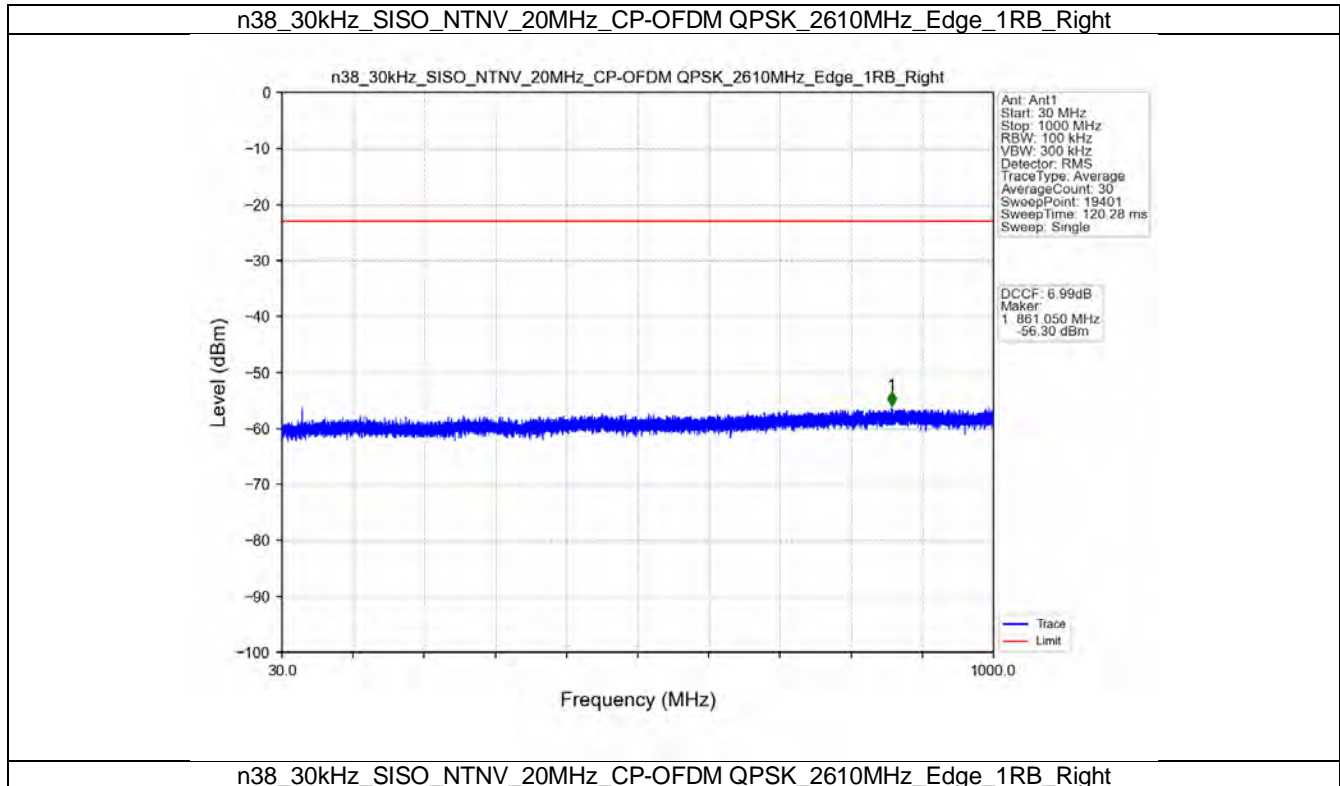


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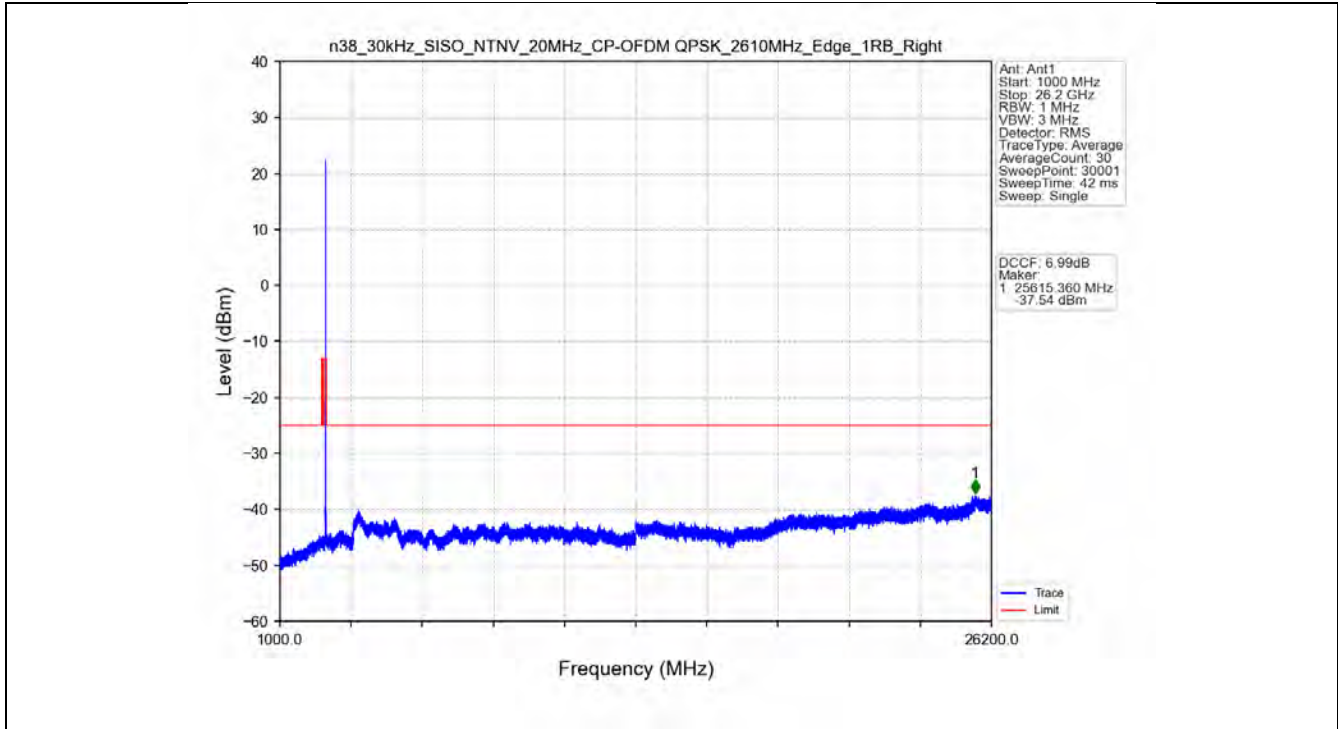


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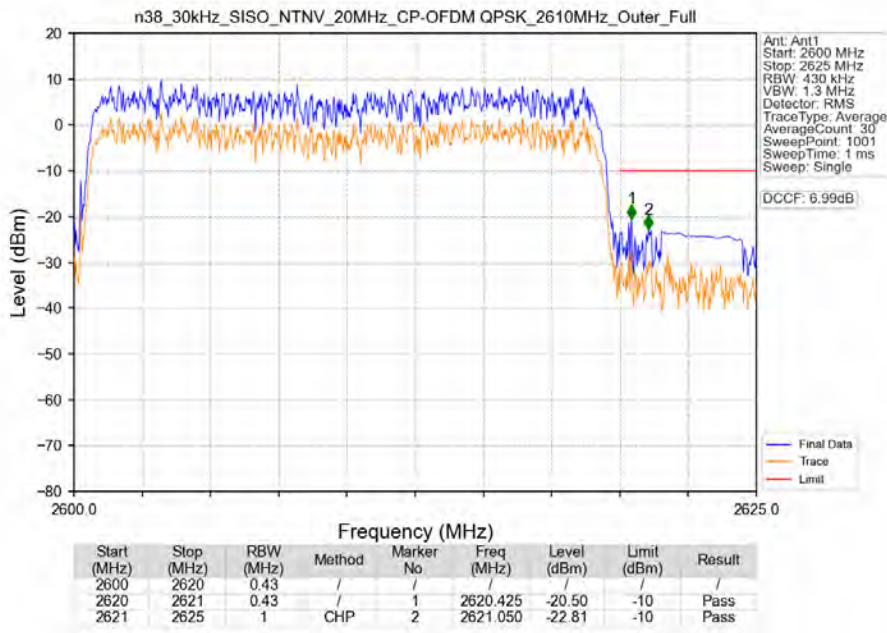
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n38_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2610MHz_Outer_Full



n38_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2610MHz_Inner_1RB_Right



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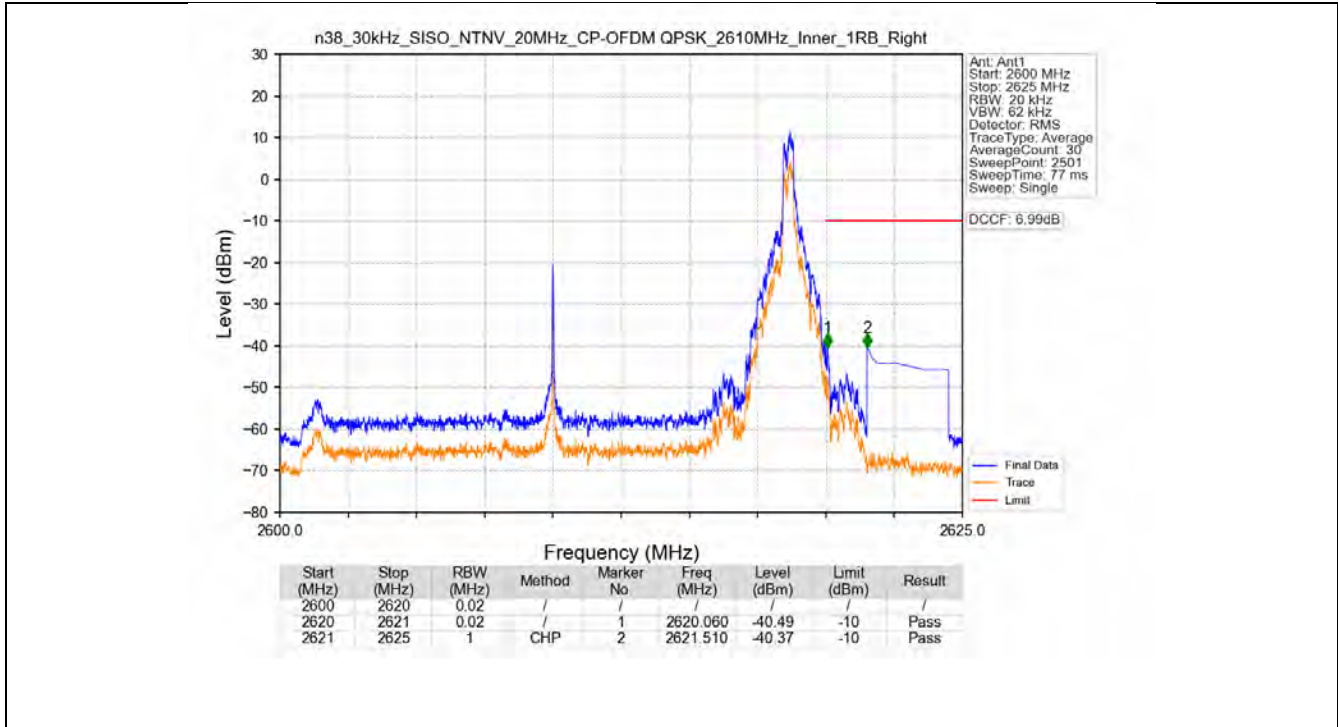


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5.2 30k_SISO_30MHz_NTNV

5.2.1 Test Result

| 5G NR n38 SCS=30kHz SISO 30MHz NNTV | | | | | | | |
|-------------------------------------|-----------------|-----------------|---------------------|------|-----|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2585 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2605 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2585 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2605 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2585 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2605 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |



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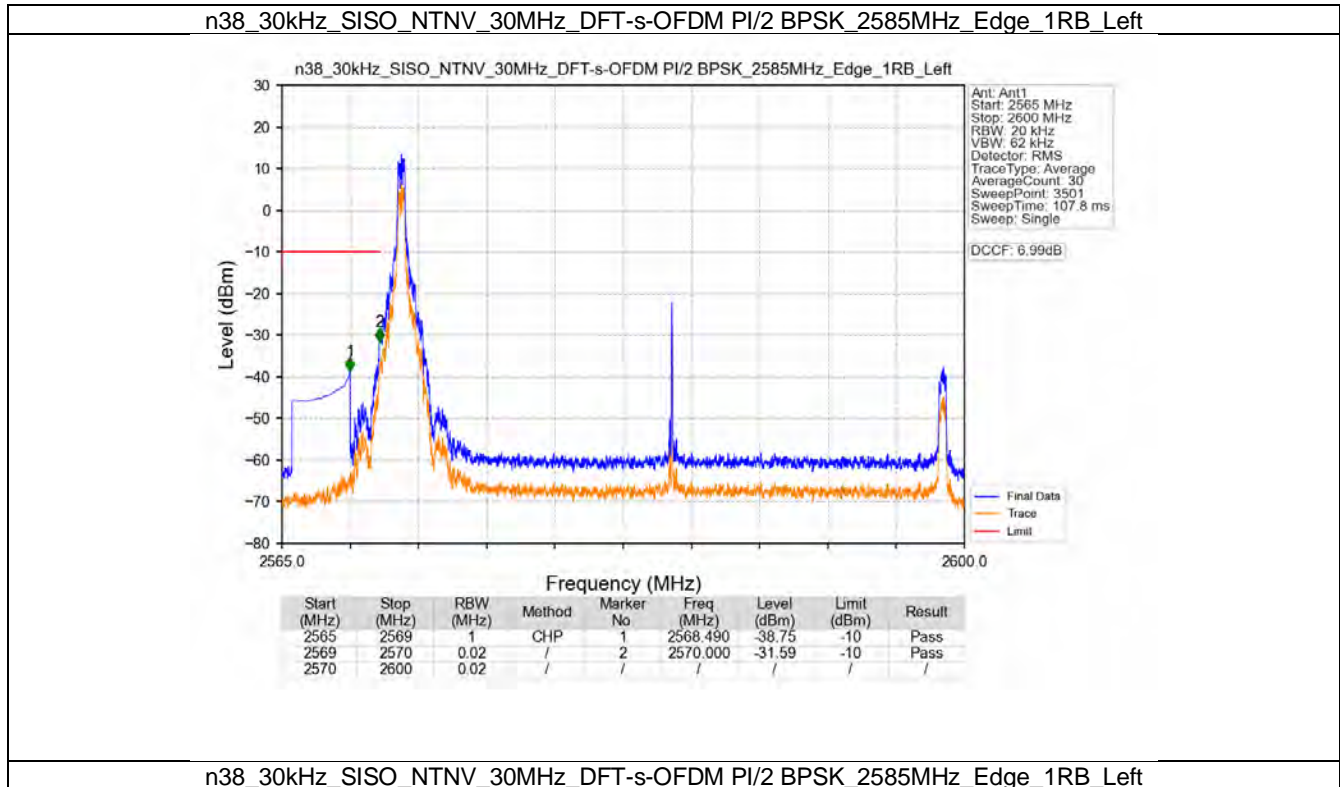
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5.2.2 Test Graph



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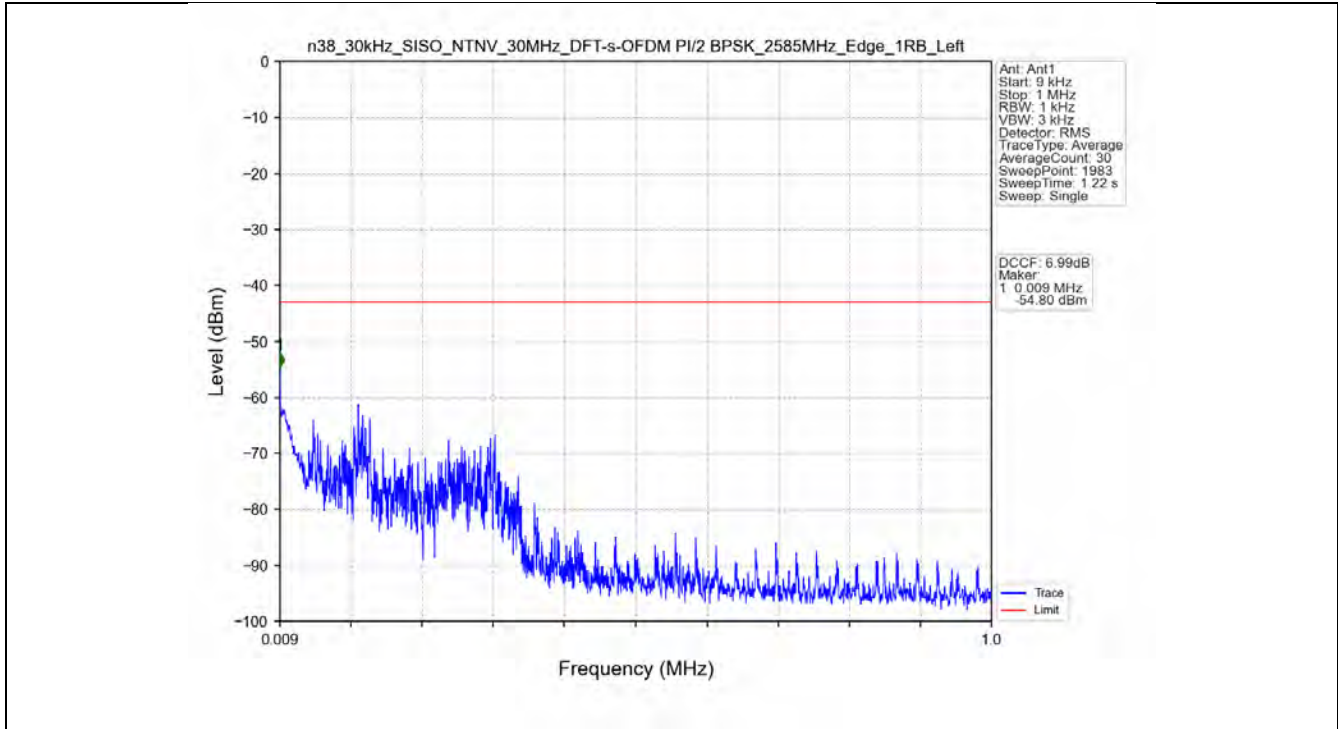


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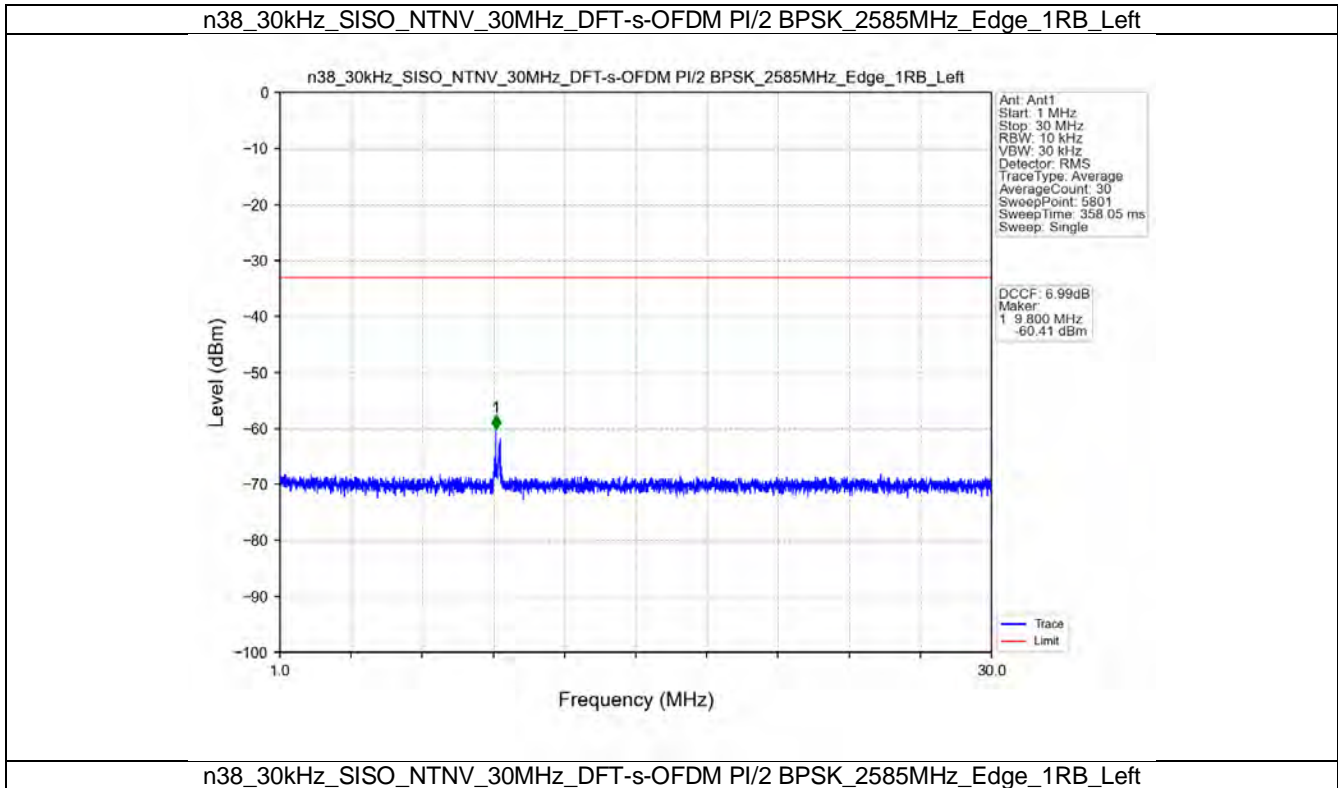


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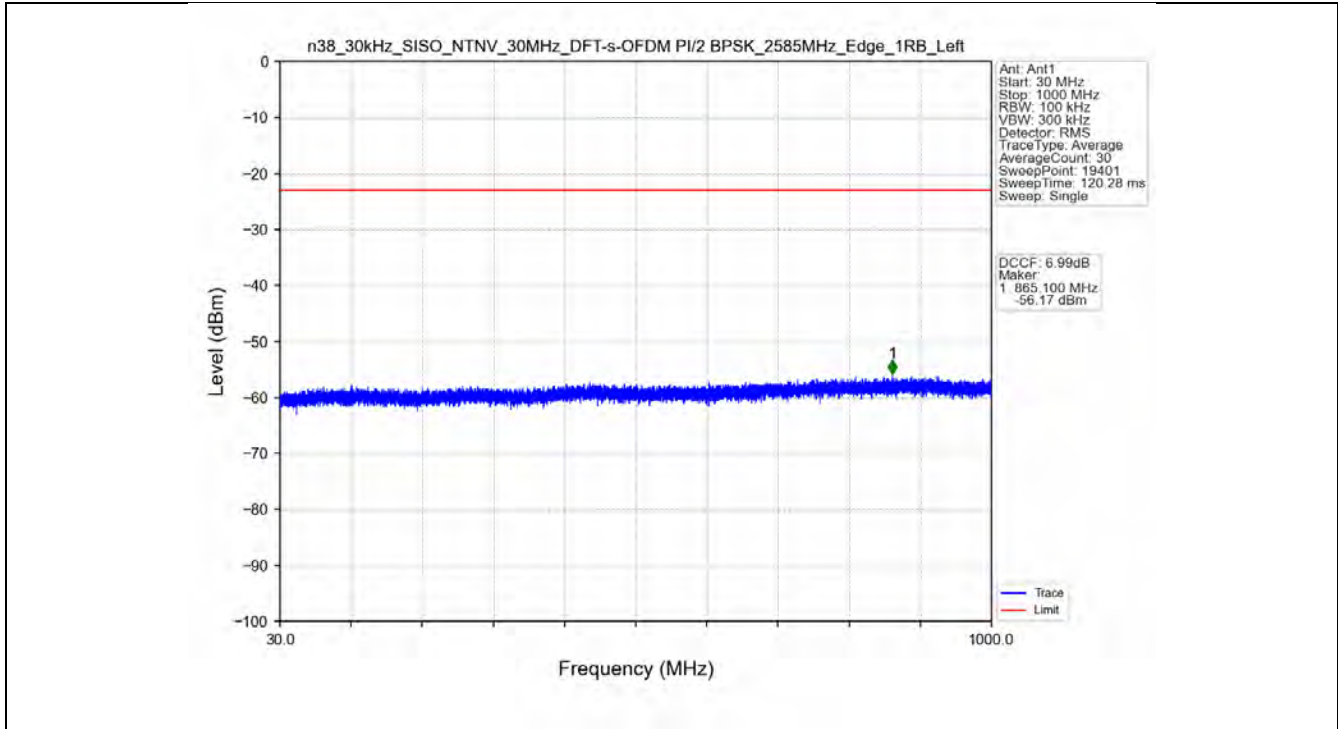


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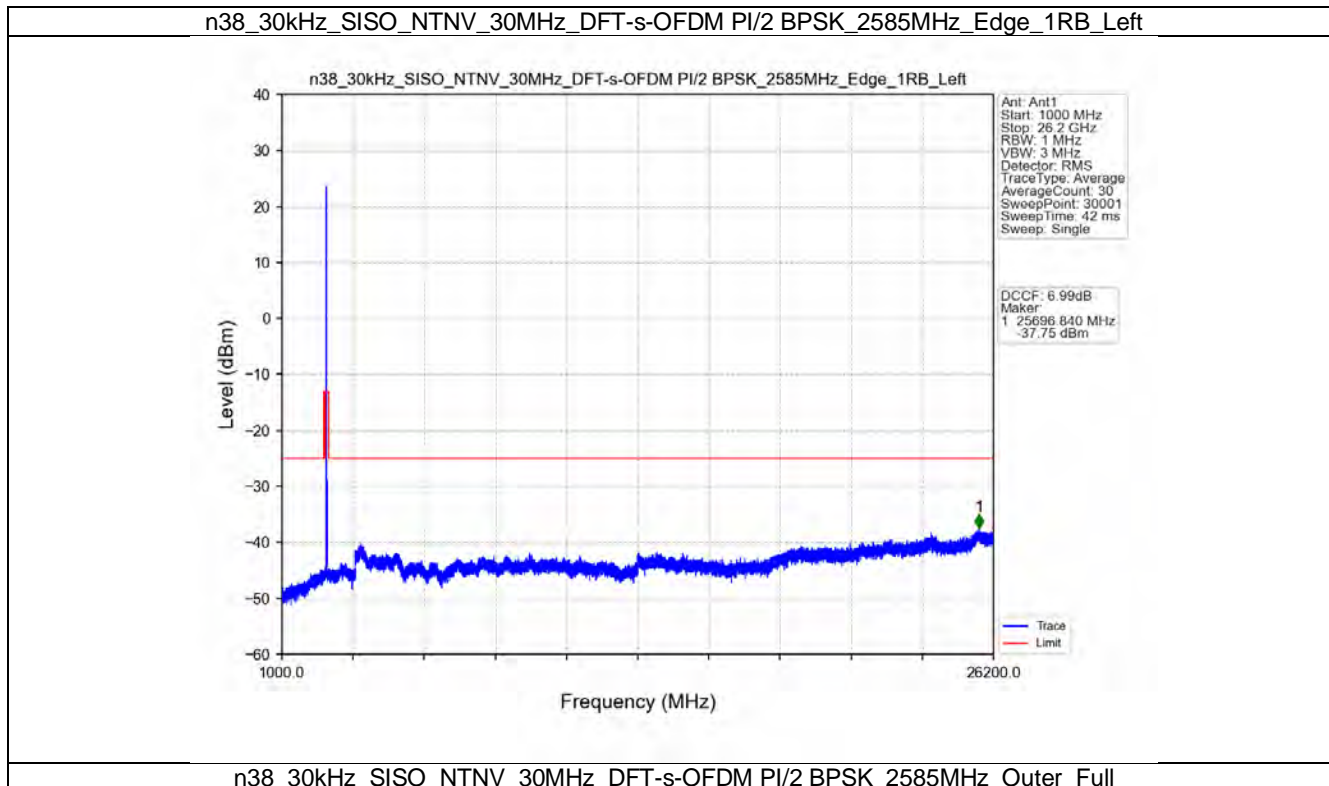
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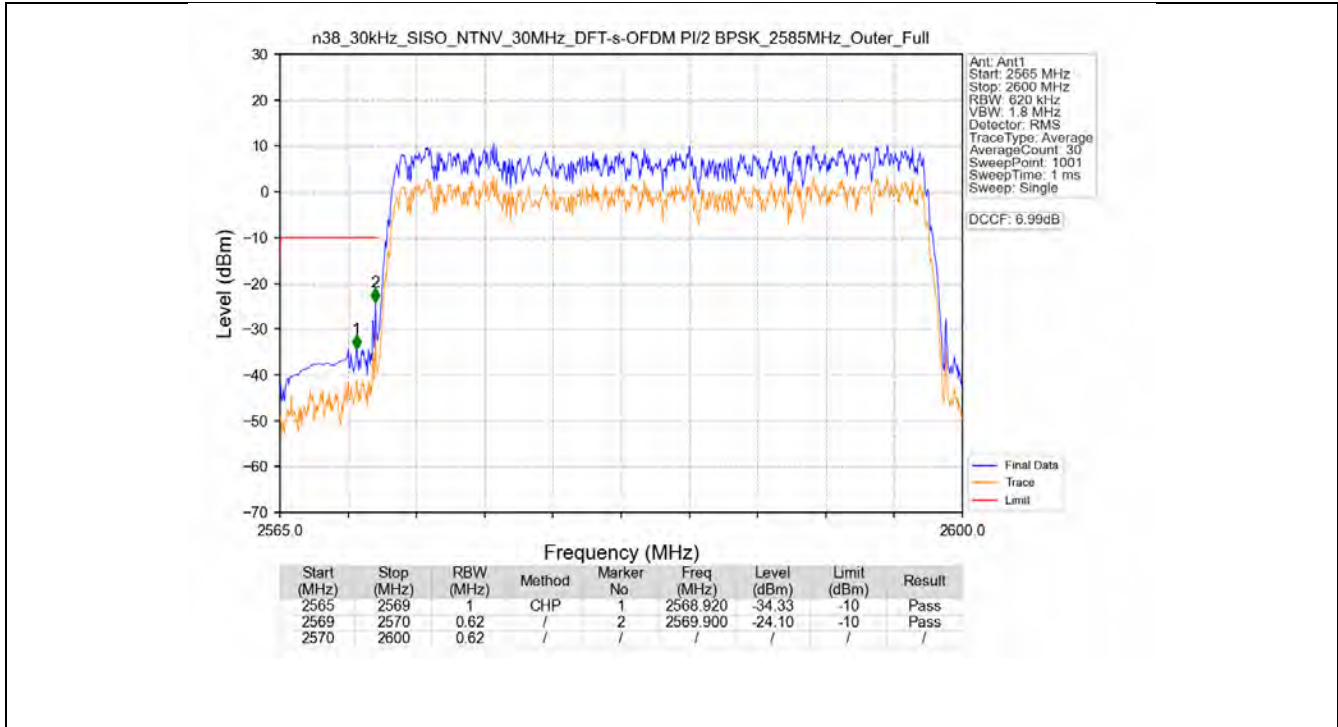


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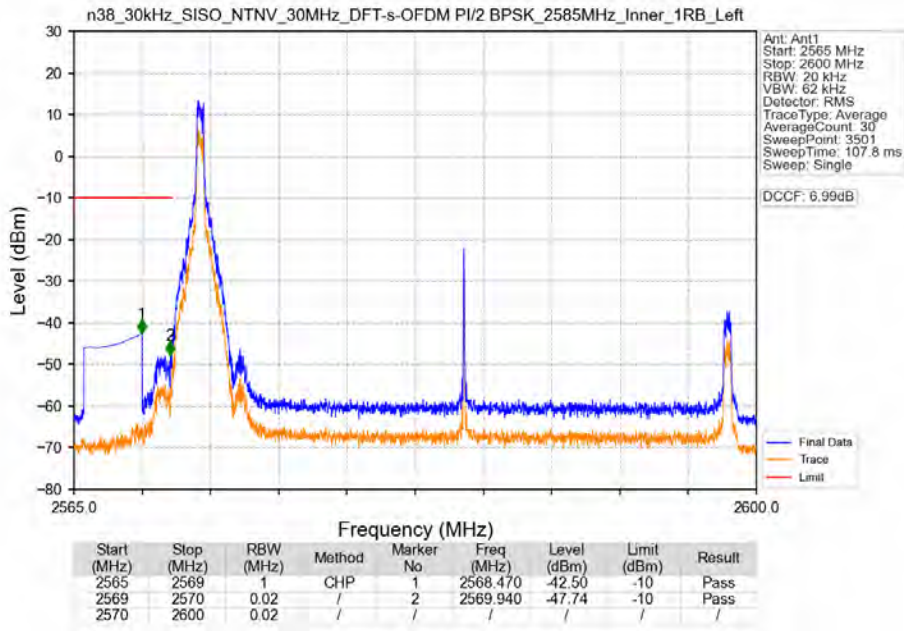
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2585MHz_Inner_1RB_Left



n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left



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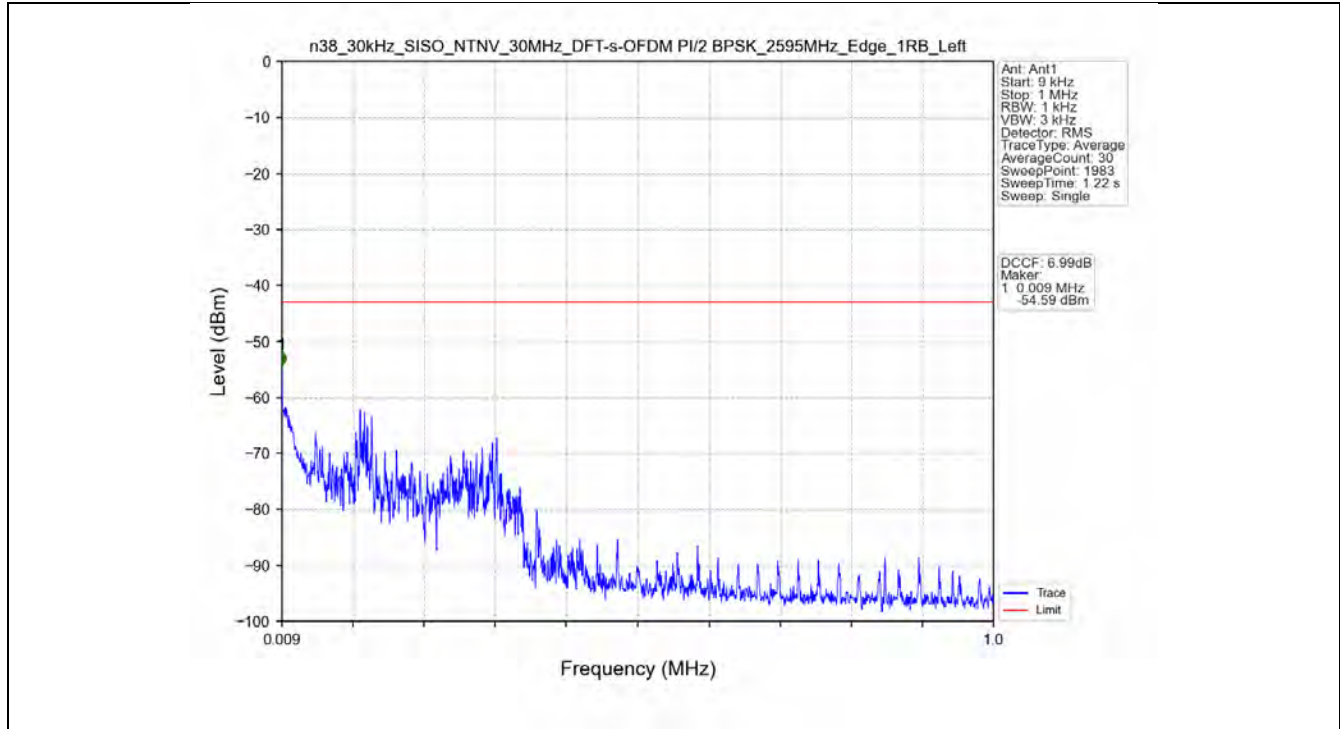


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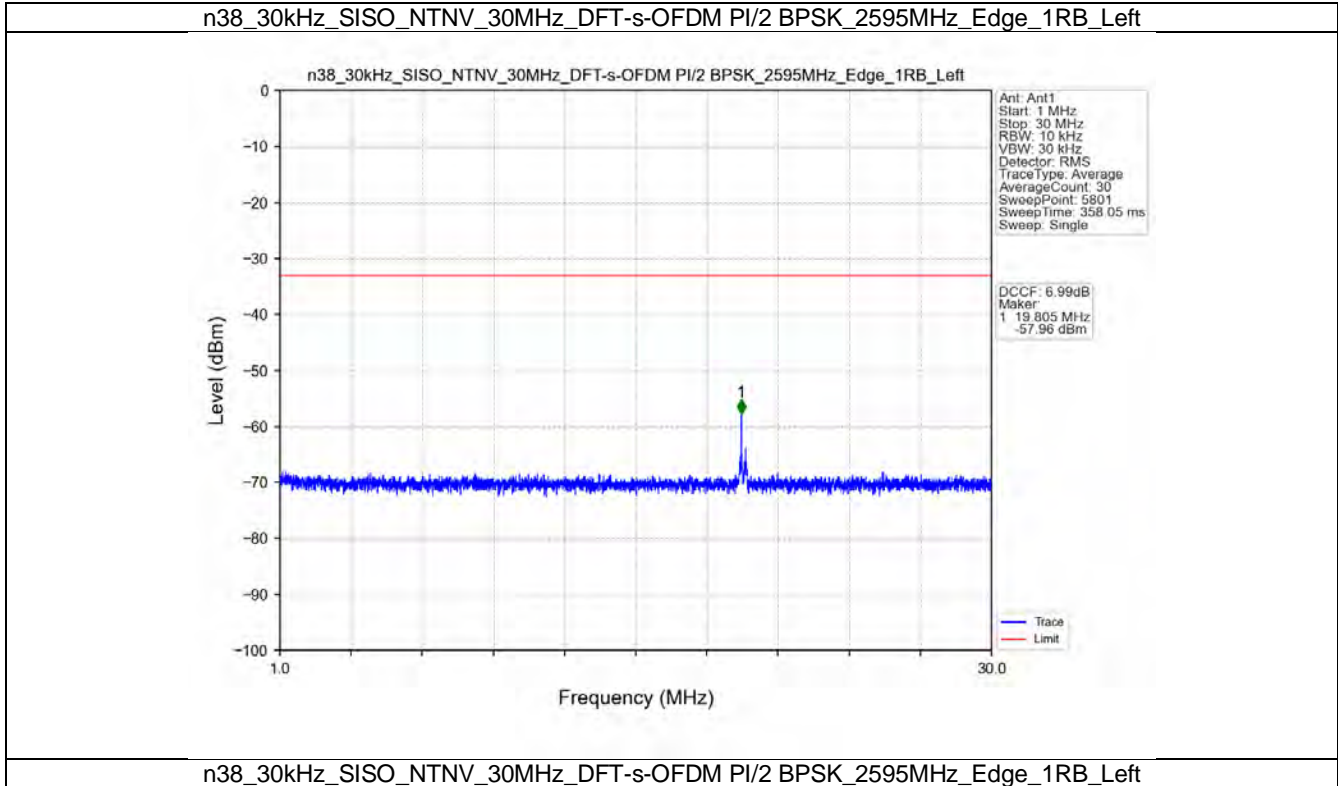


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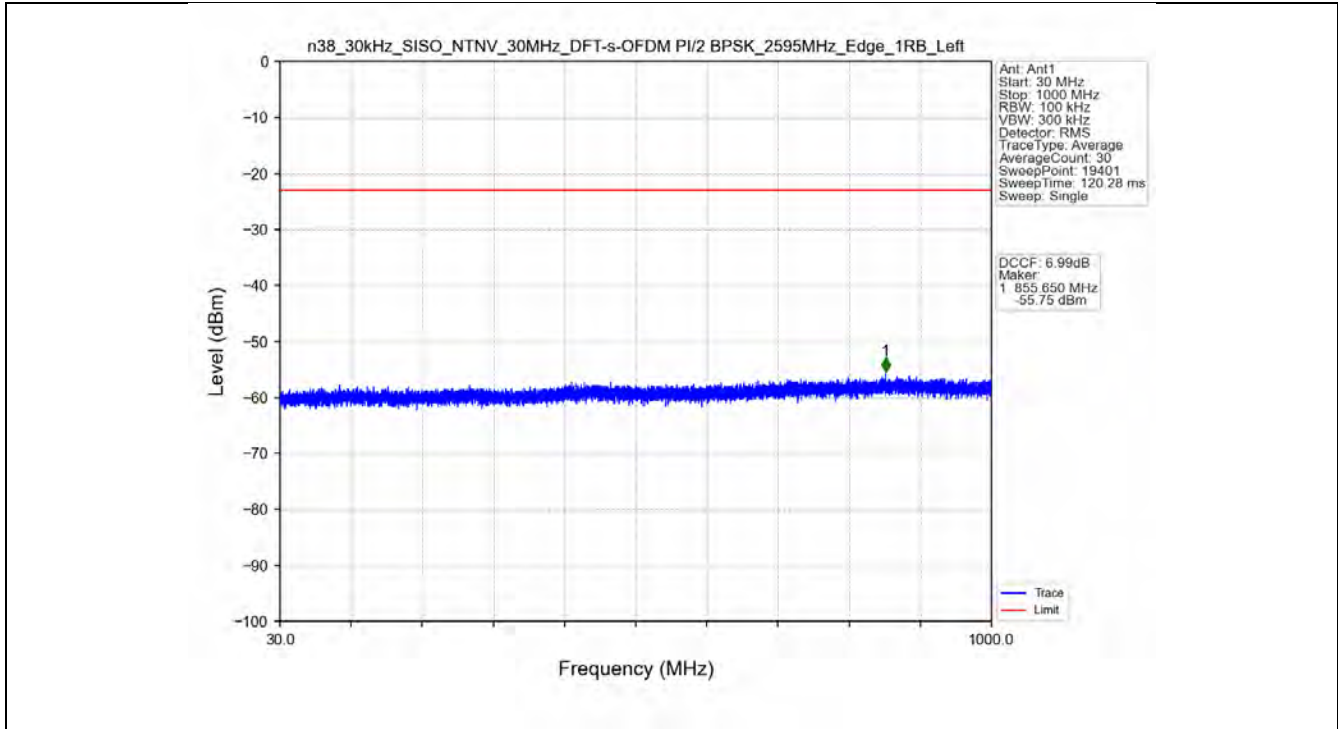


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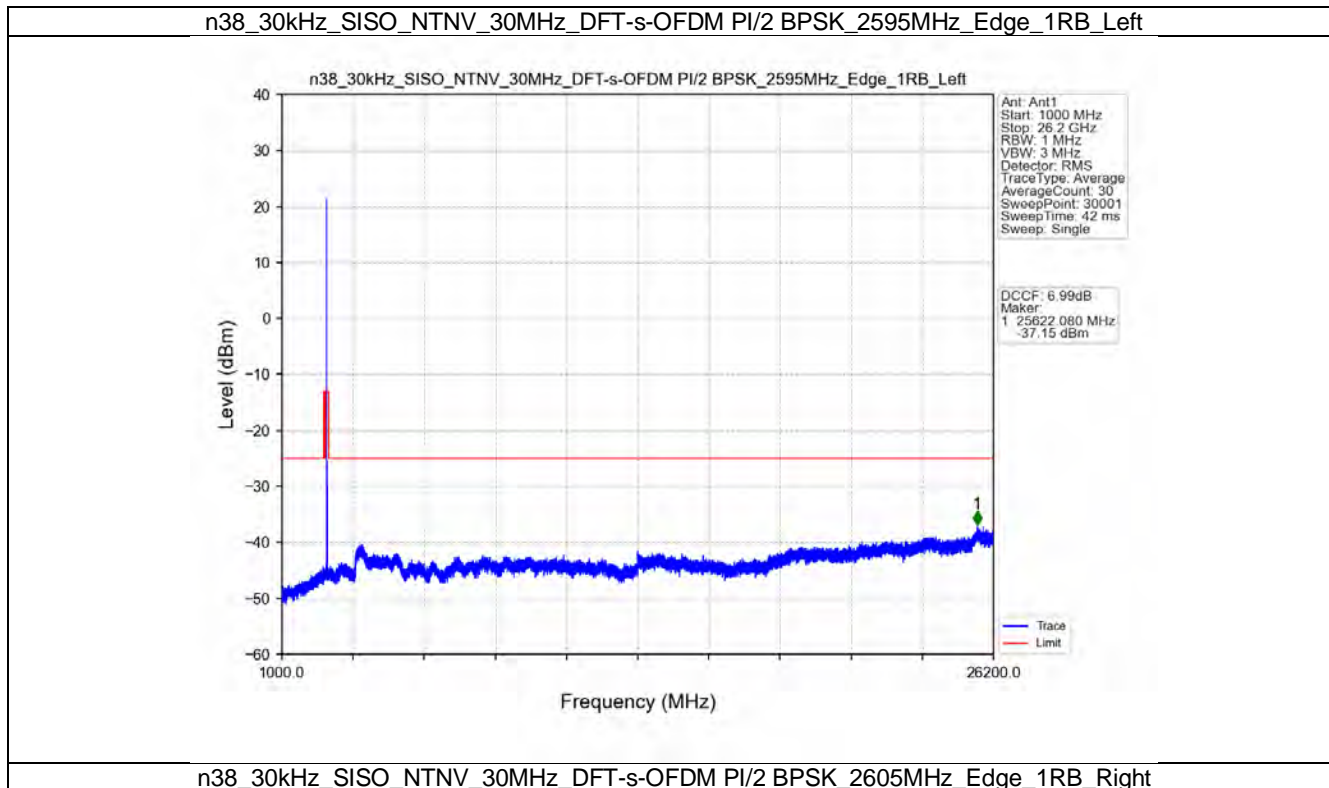
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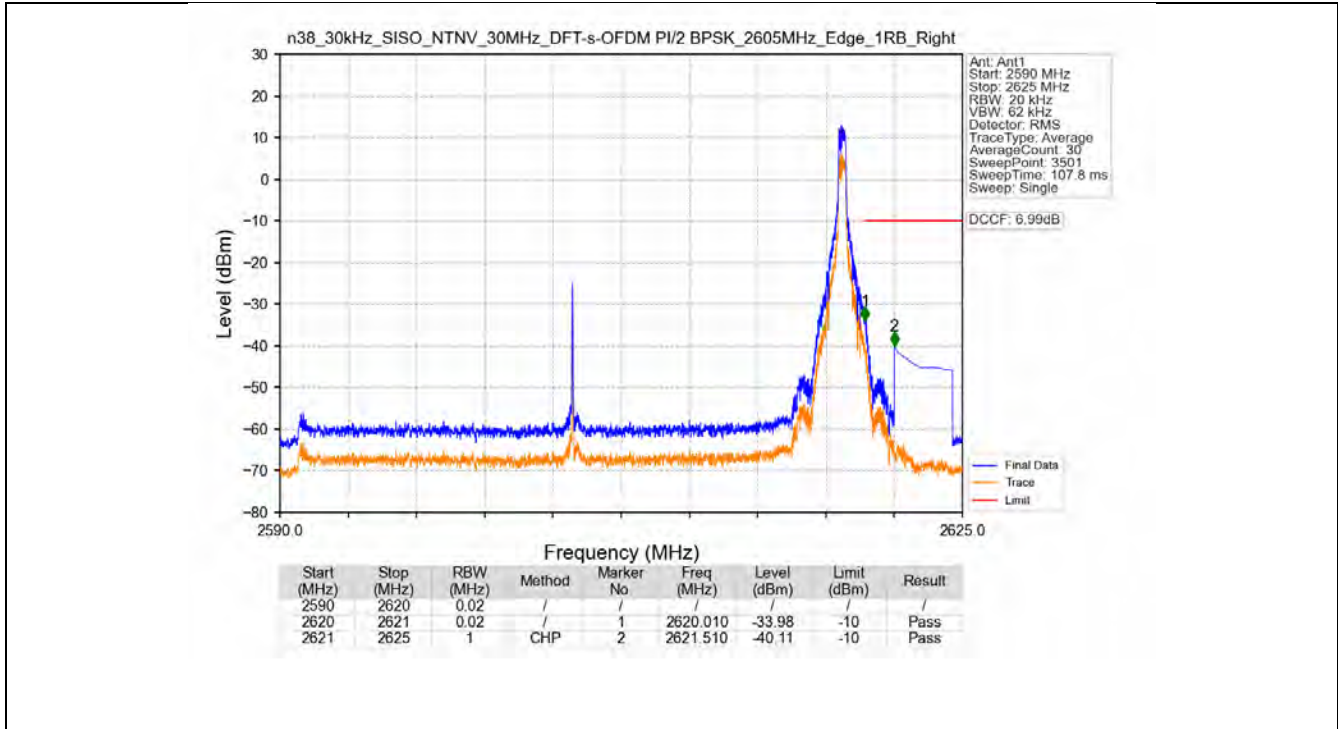


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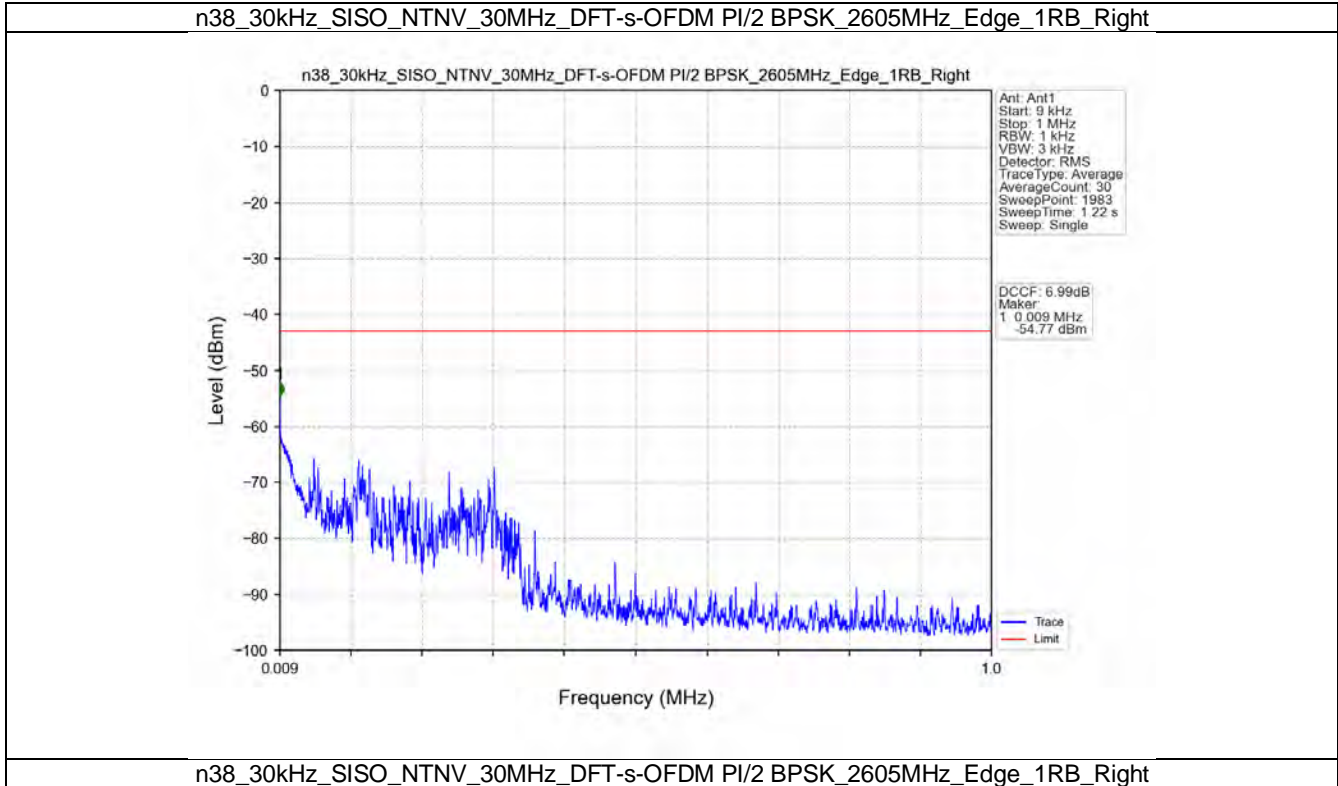


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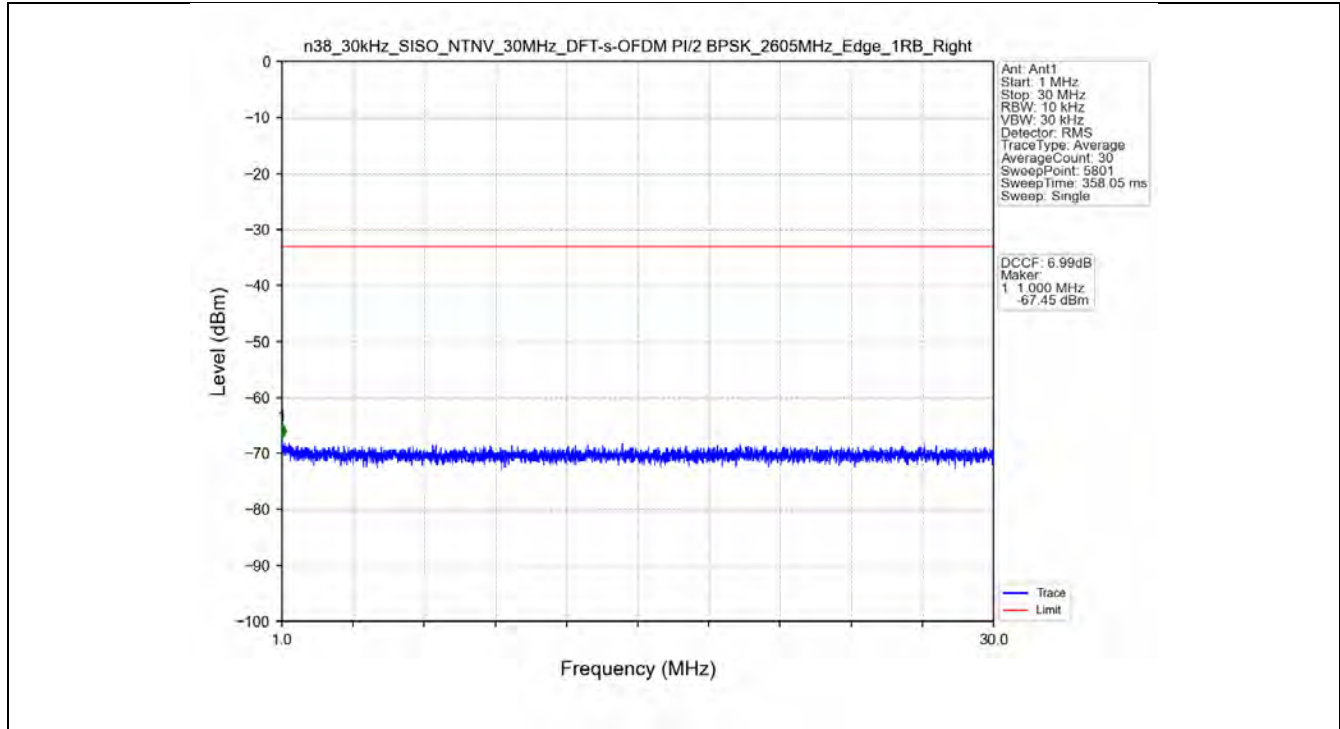


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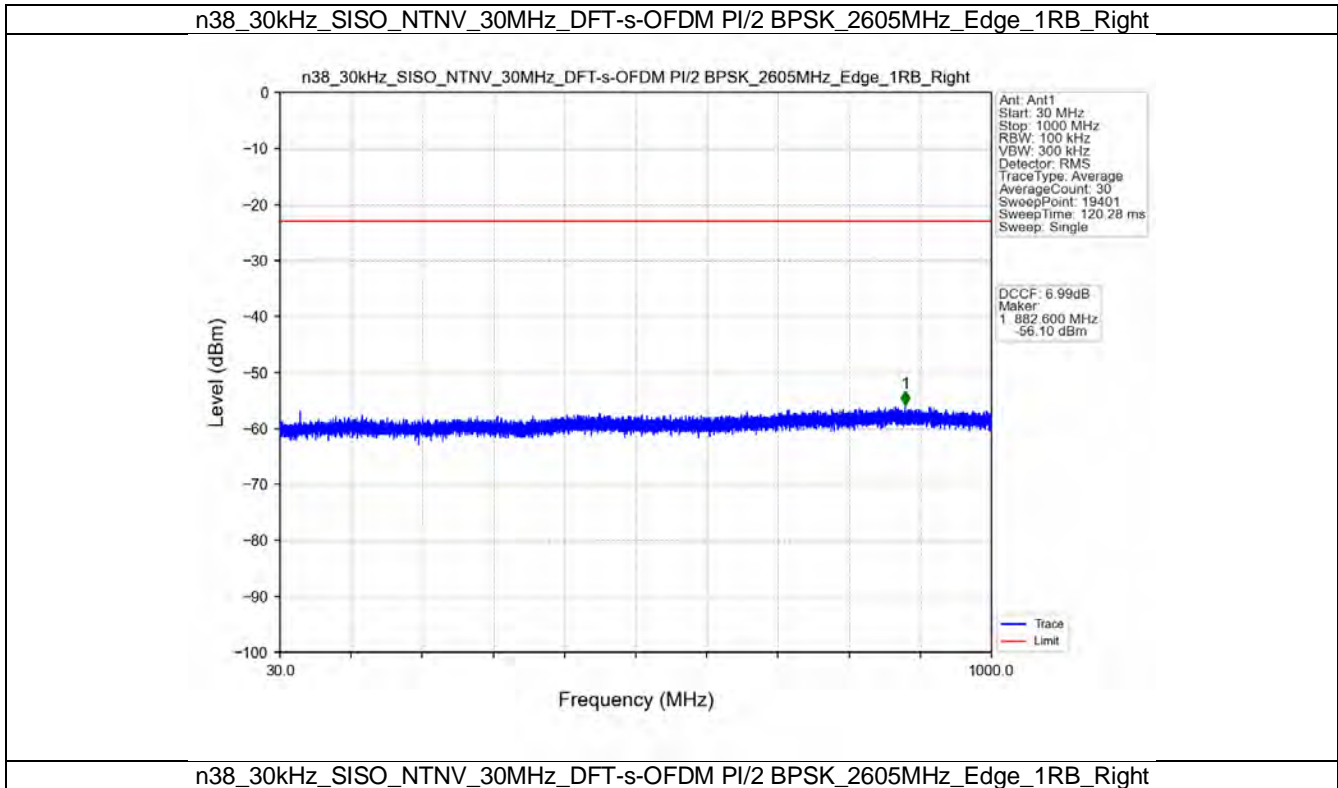


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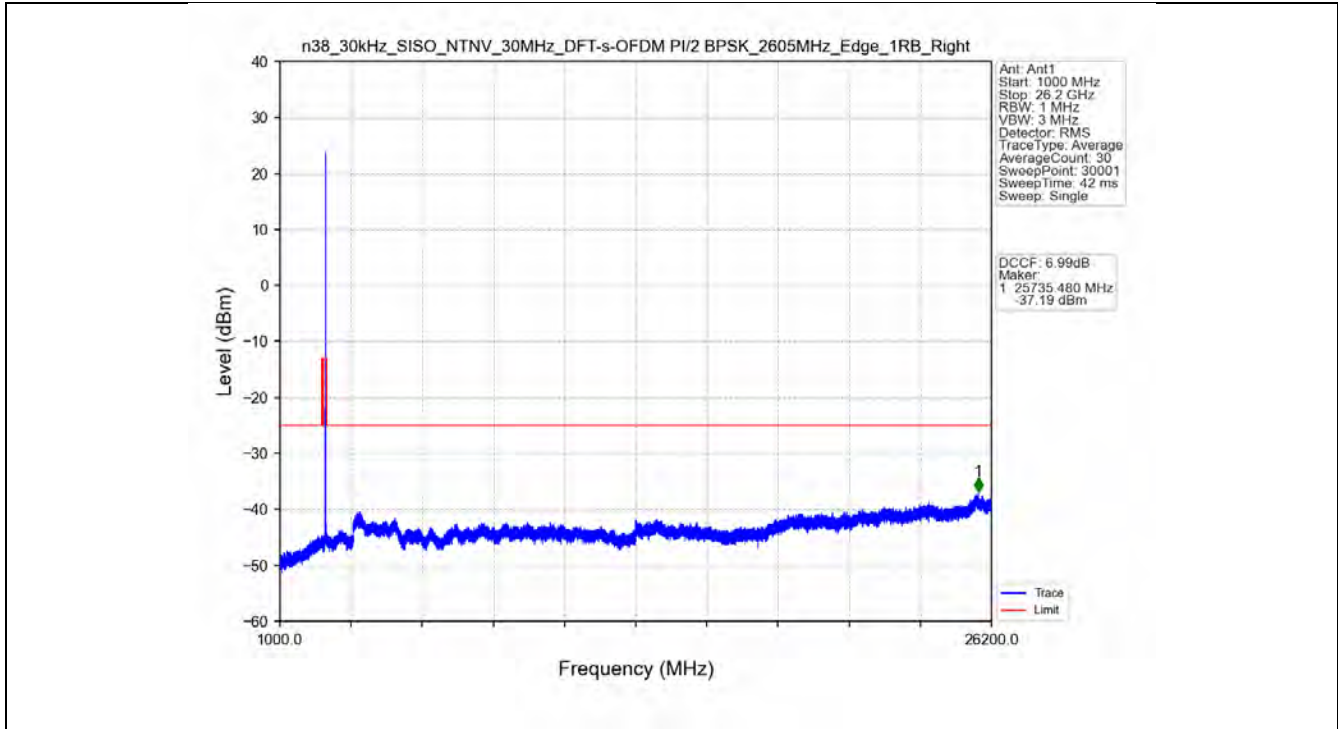


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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2605MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590 | 2620 | 0.62 | / | / | / | / | / | / |
| 2620 | 2621 | 0.62 | / | 1 | 2620.975 | -33.20 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.010 | -33.80 | -10 | Pass |

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2605MHz_Inner_1RB_Right



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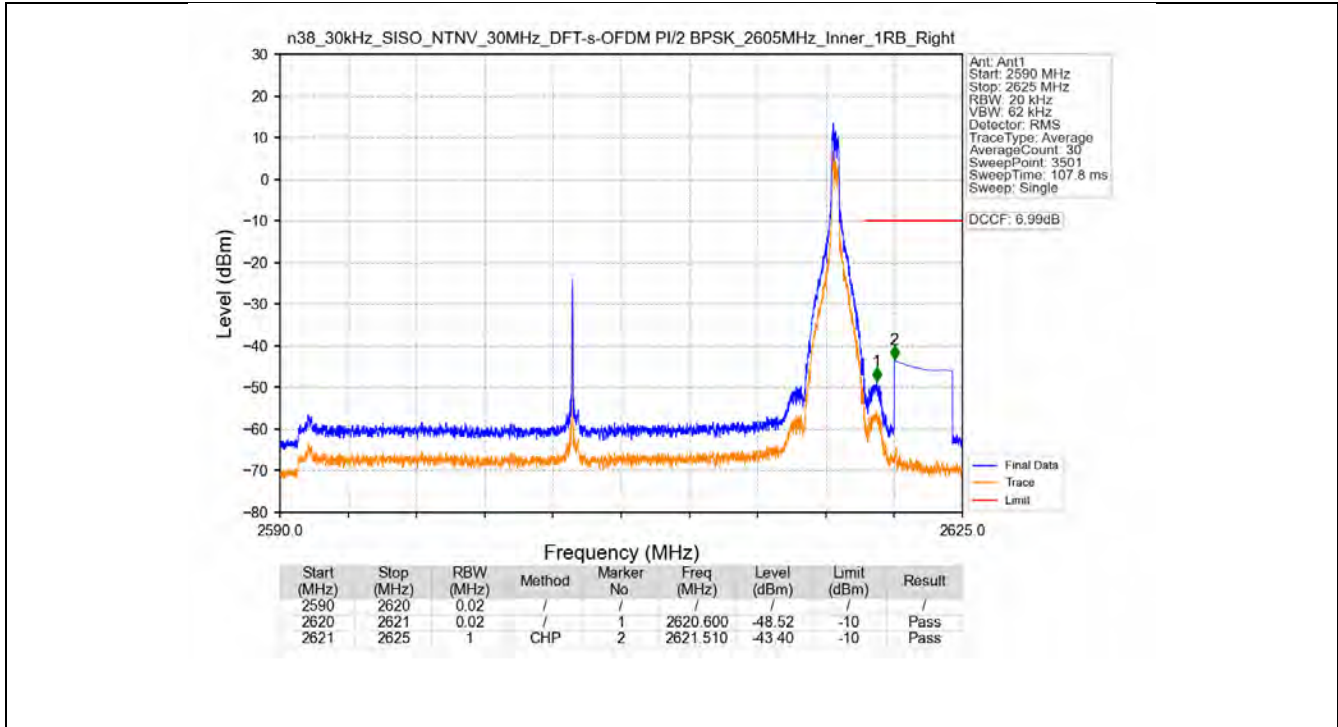


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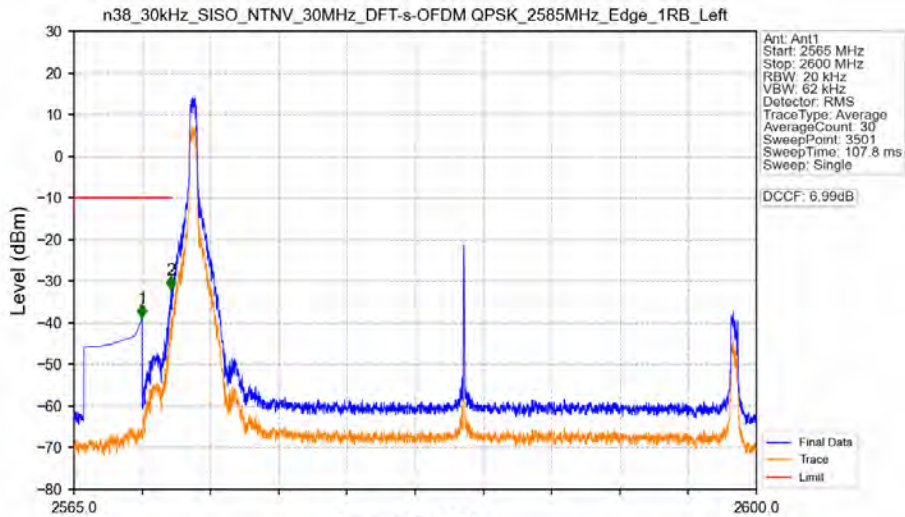
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2585MHz_Edge_1RB_Left



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.490 | -38.84 | -10 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2569.980 | -32.06 | -10 | Pass |
| 2570 | 2600 | 0.02 | / | / | / | / | / | / |

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2585MHz_Edge_1RB_Left



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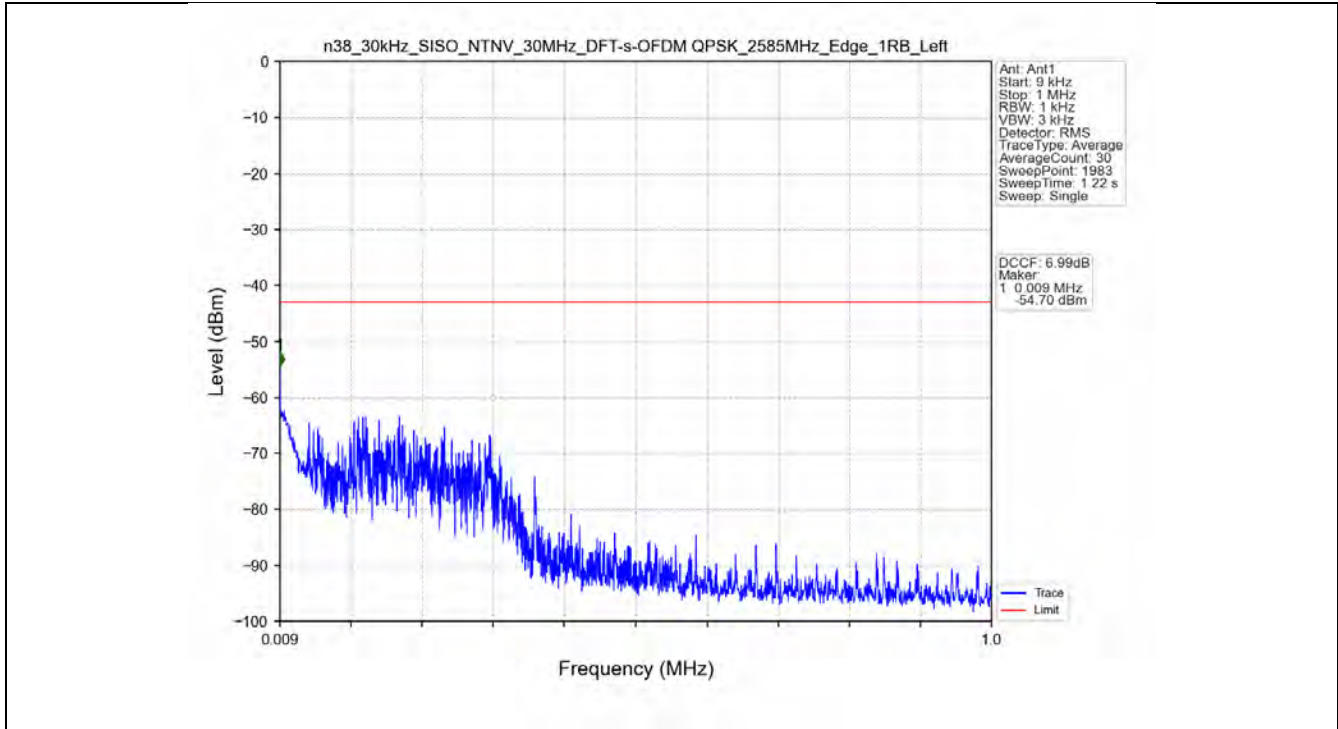


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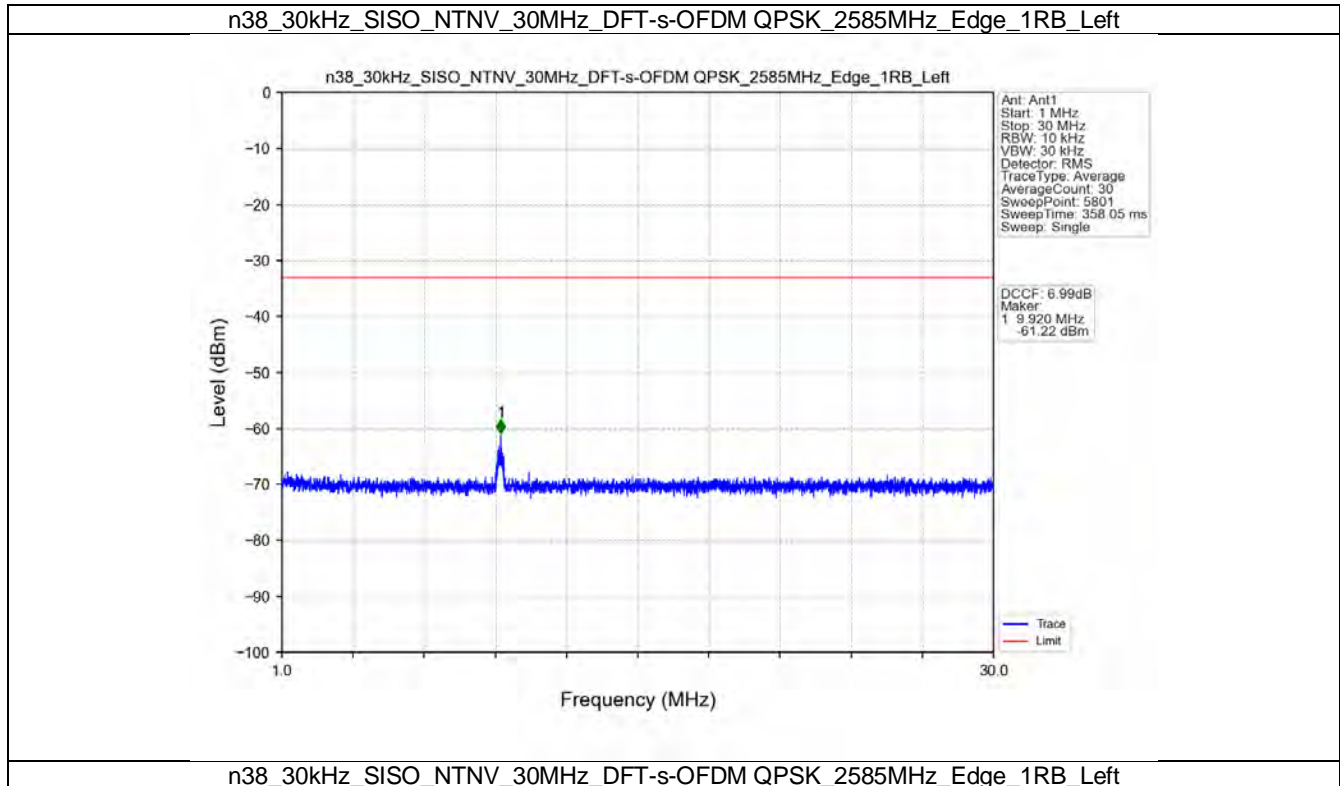


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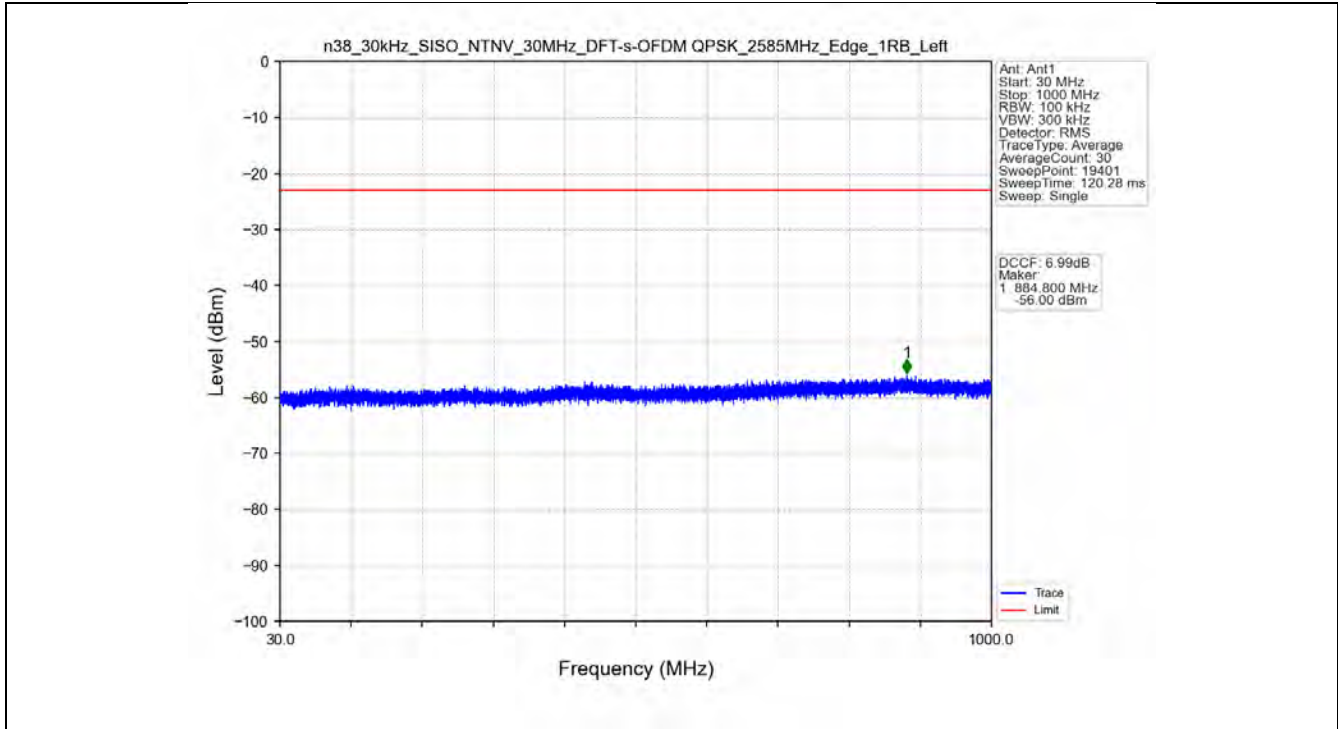


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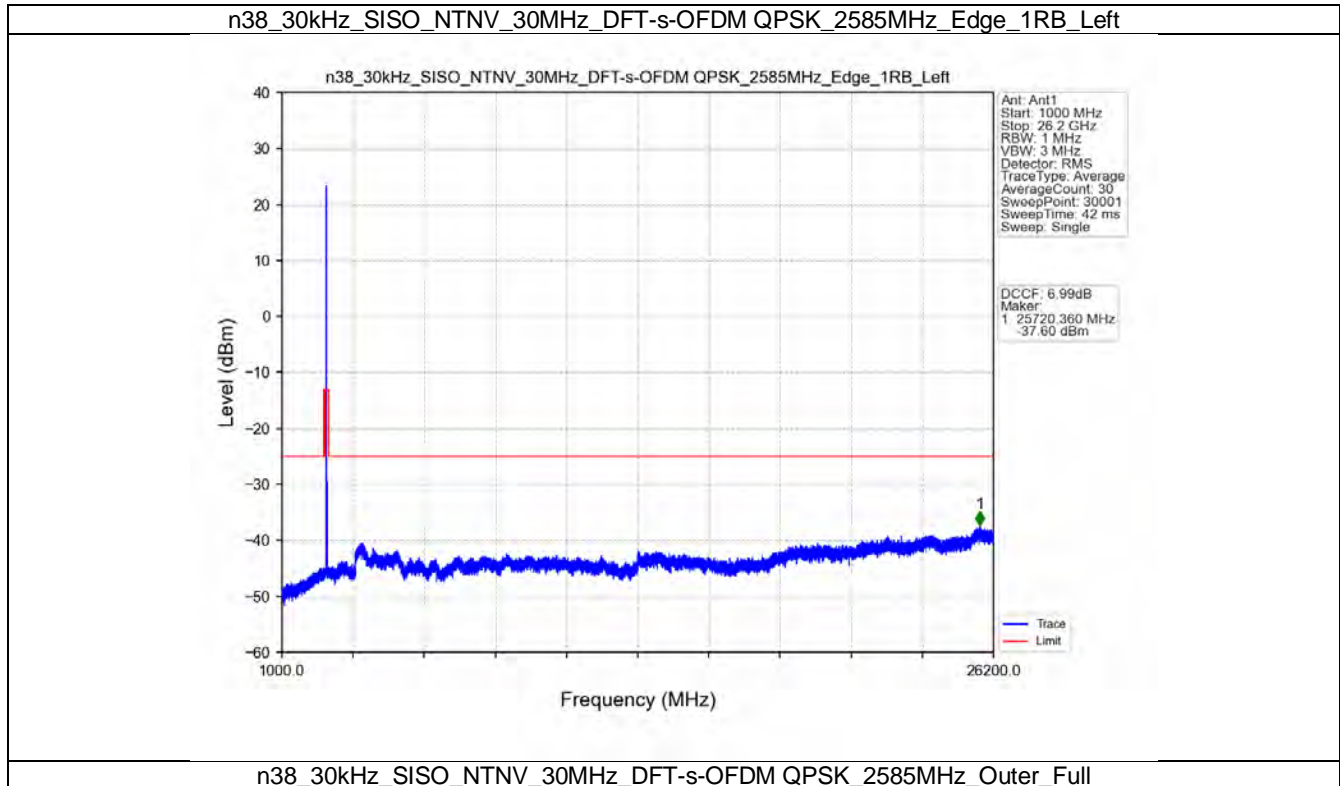


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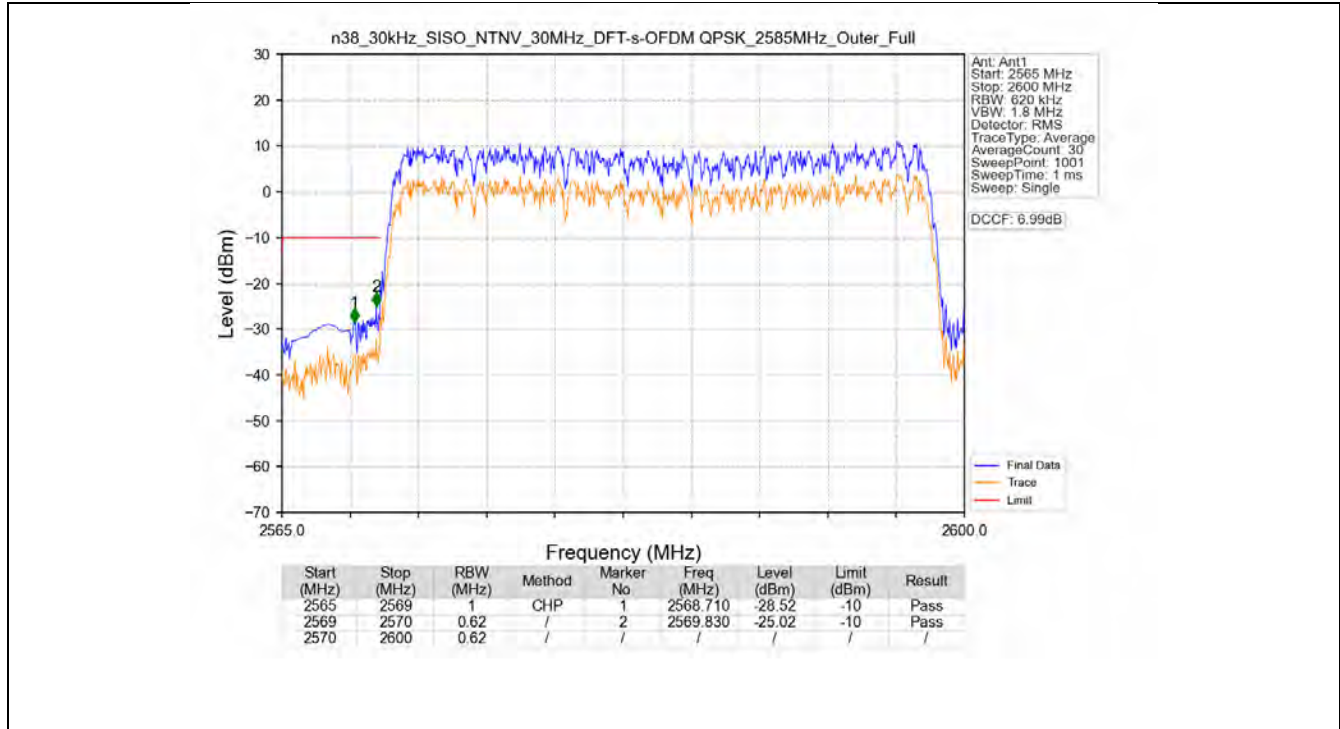


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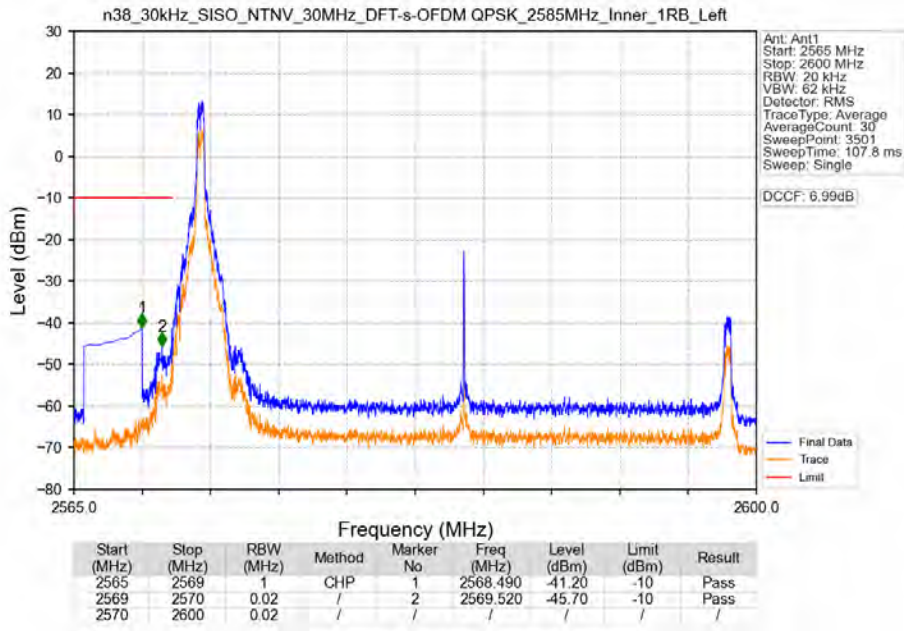
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2585MHz_Inner_1RB_Left



n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left



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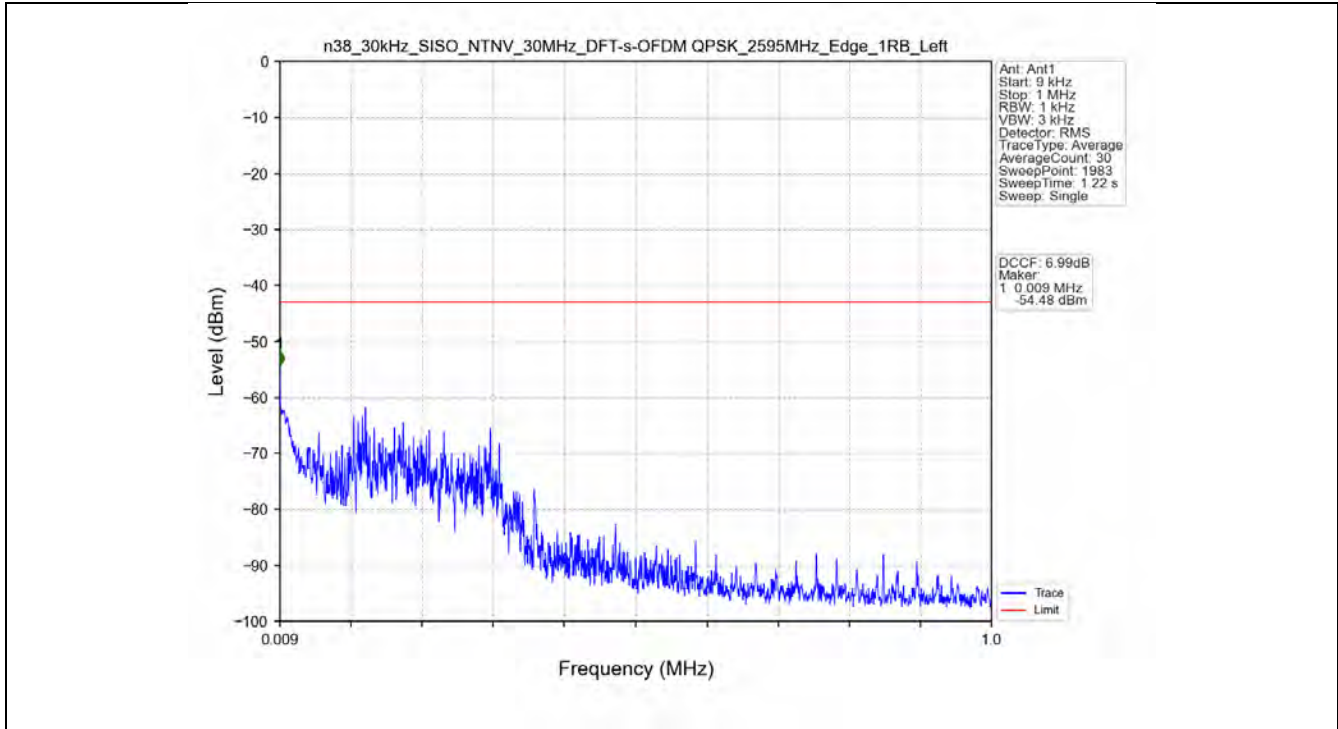


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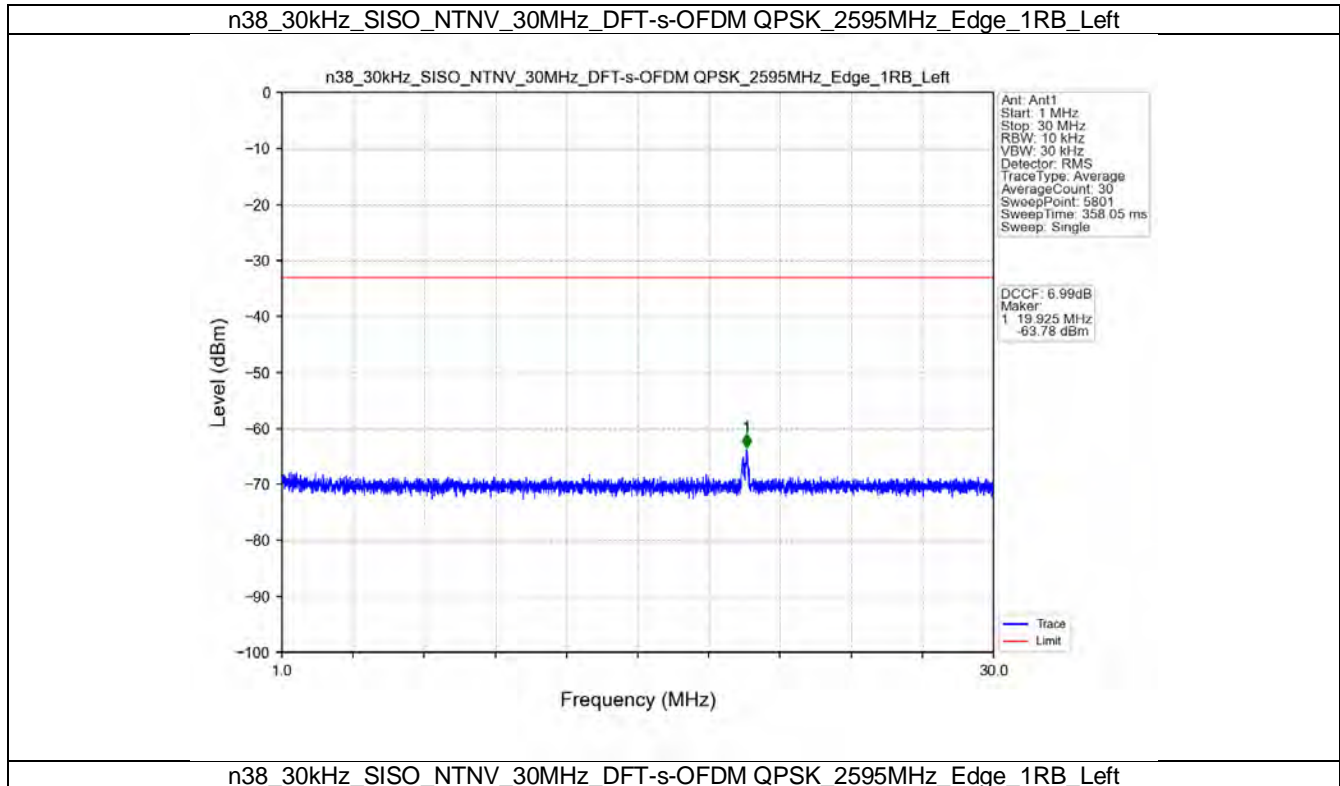


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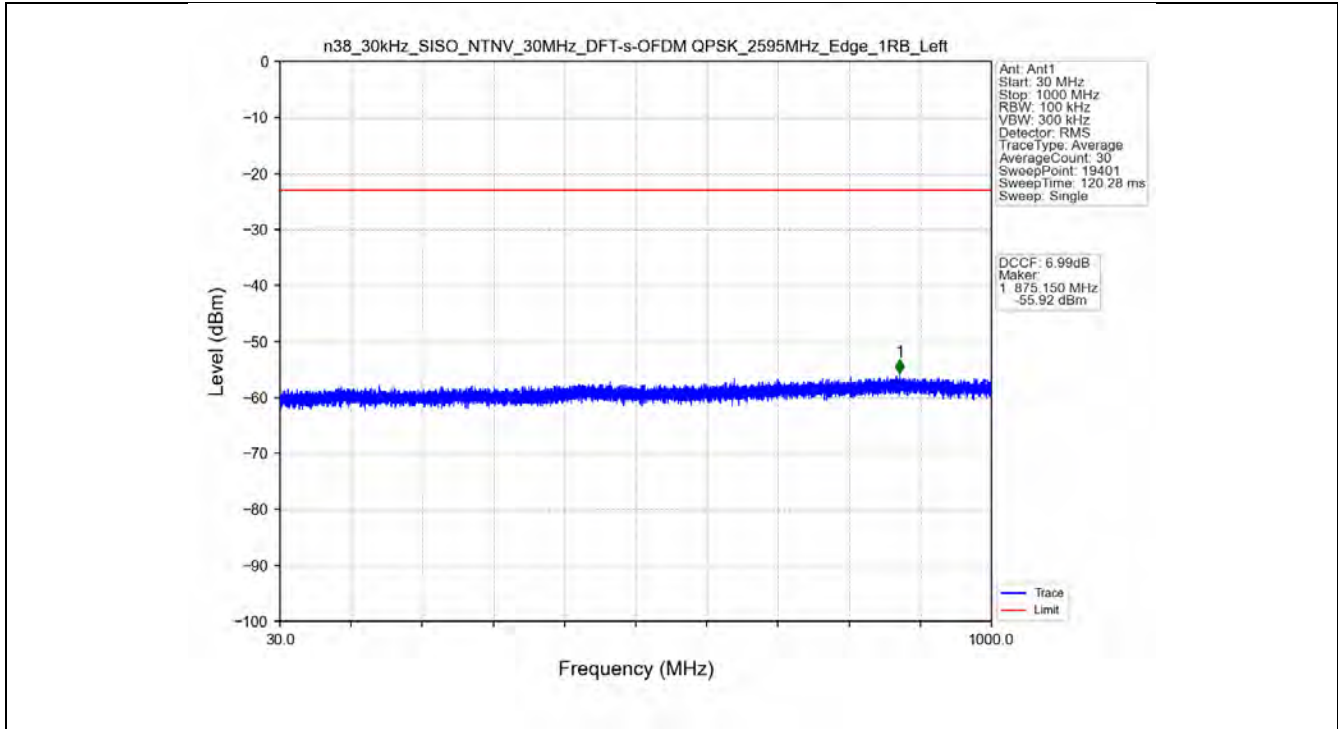


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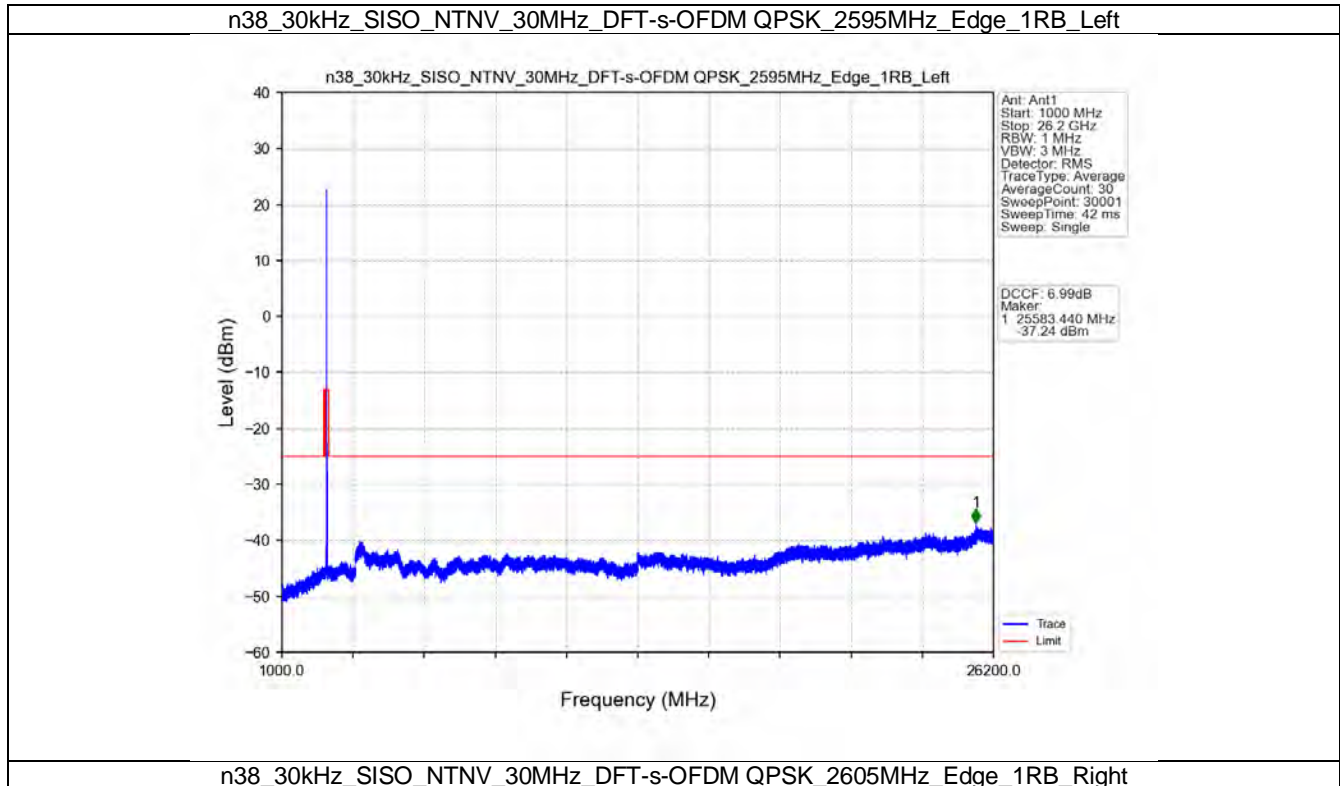


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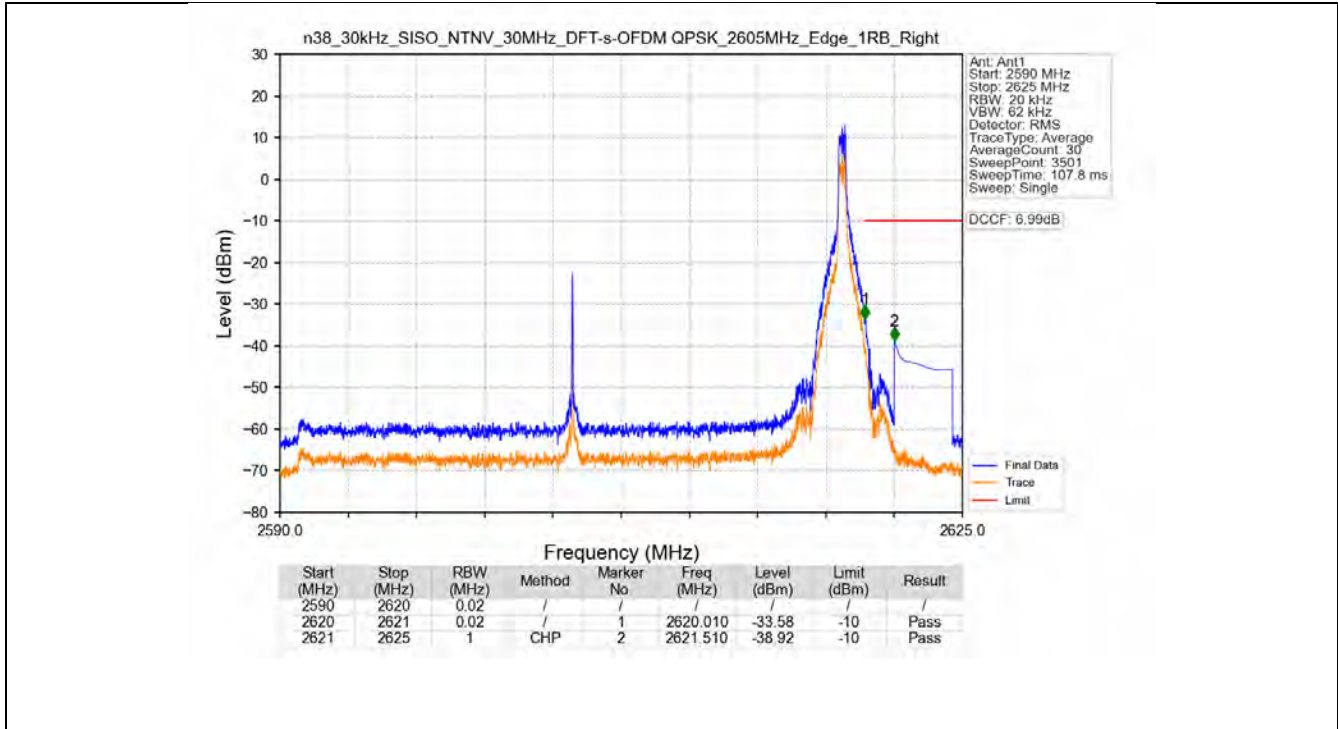


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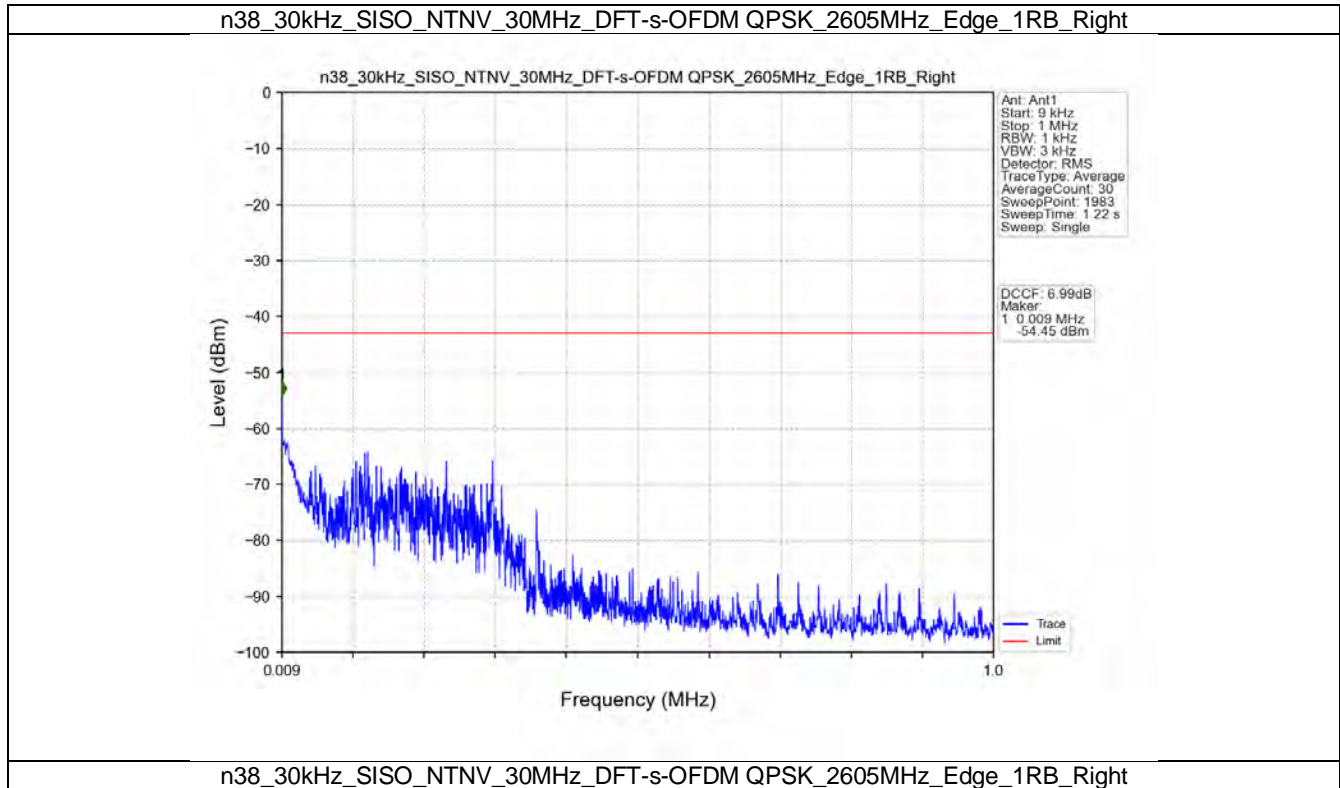


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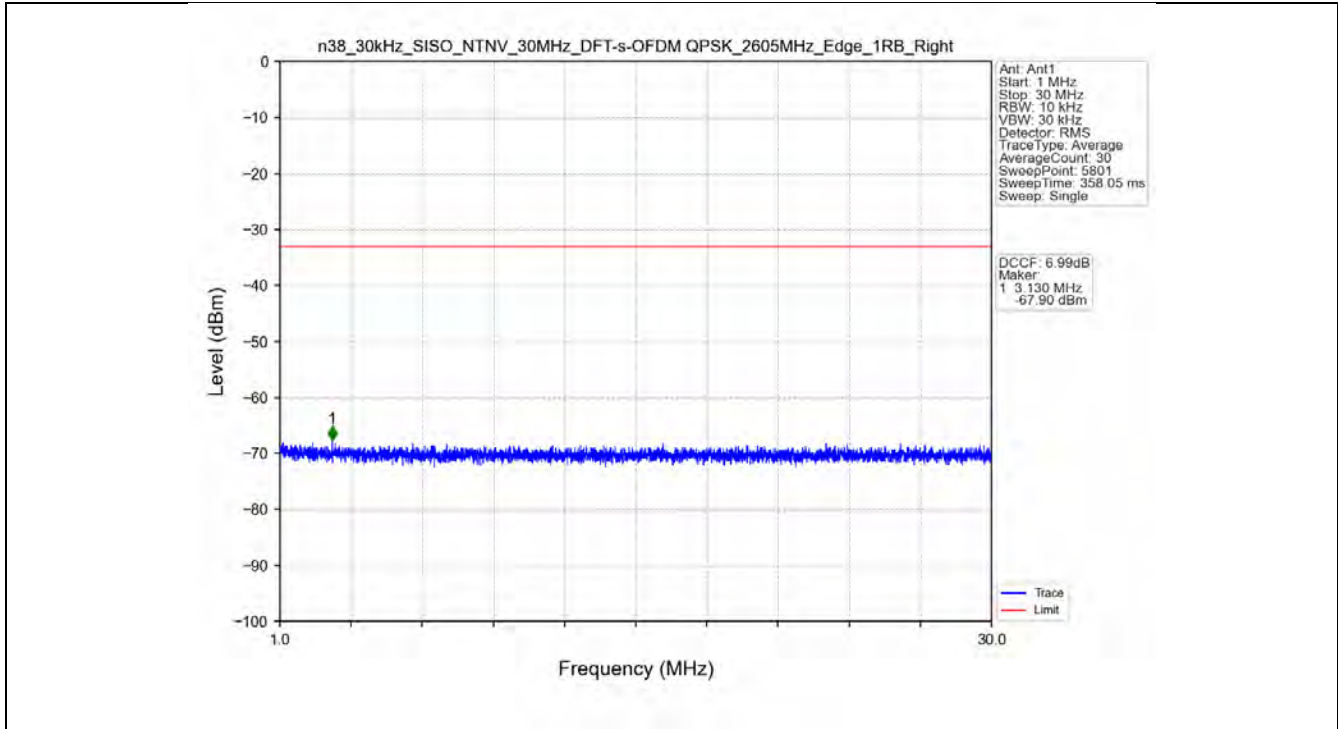


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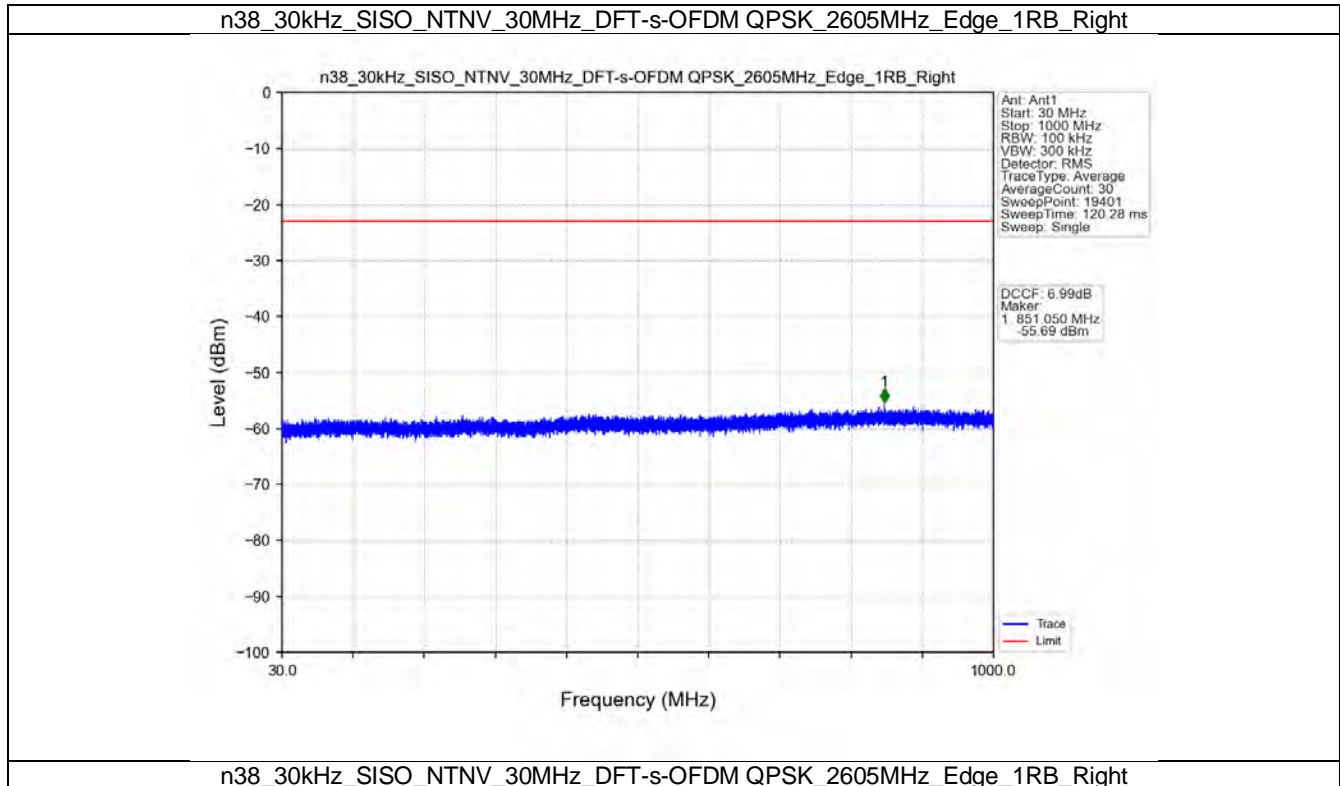


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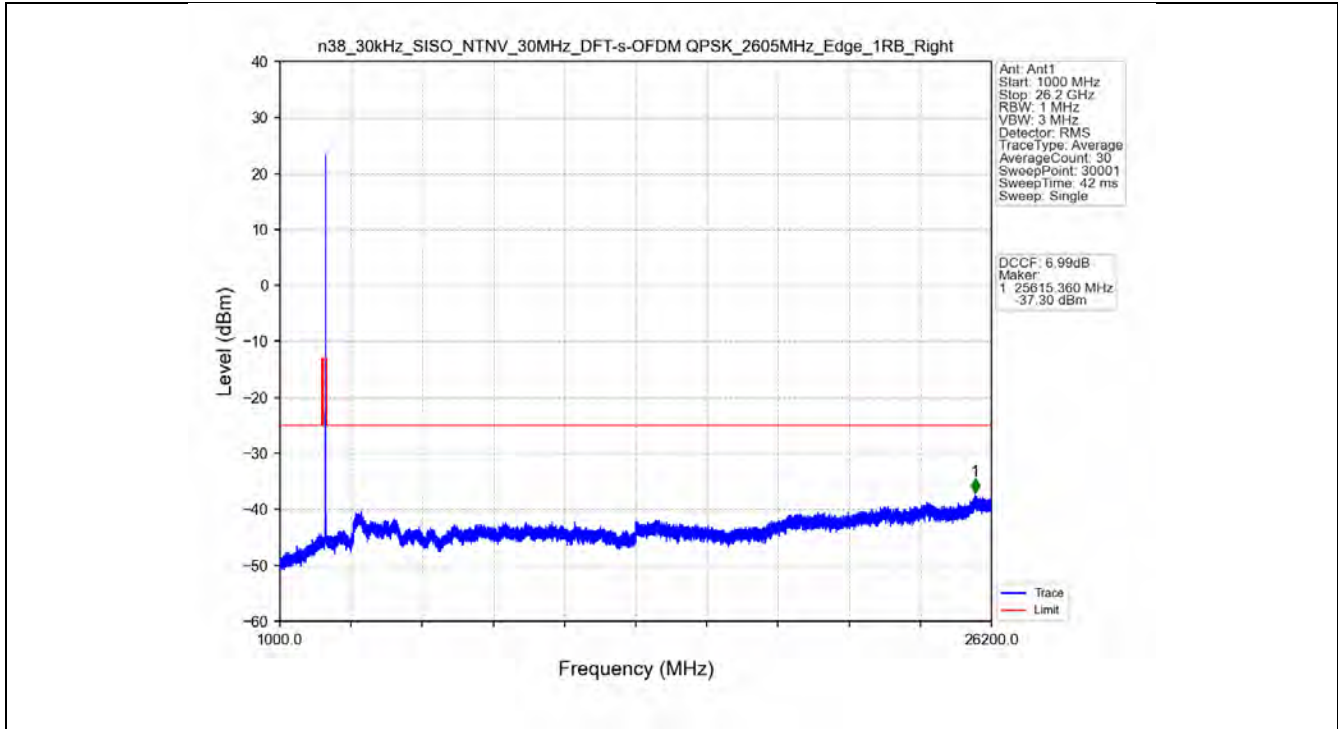


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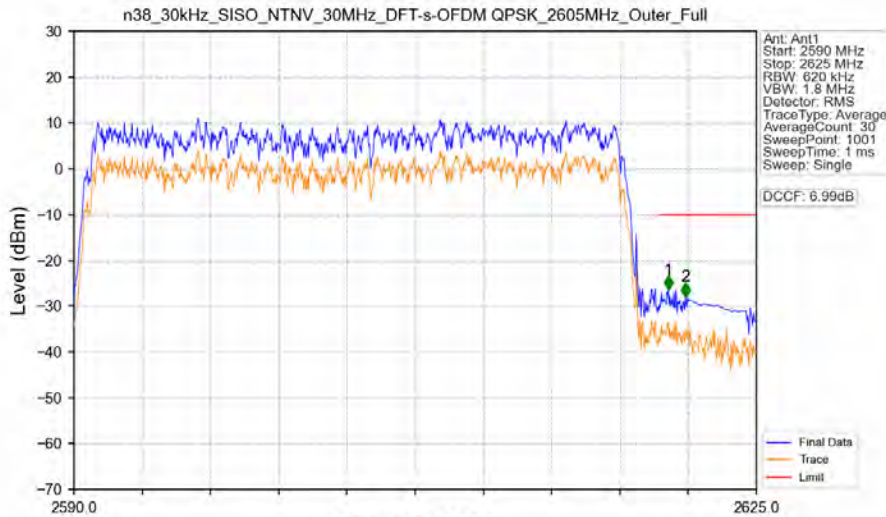
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n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2605MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2590 | 2620 | 0.62 | / | / | / | / | / | / |
| 2620 | 2621 | 0.62 | / | 1 | 2620.485 | -26.51 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.360 | -27.94 | -10 | Pass |

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2605MHz_Inner_1RB_Right



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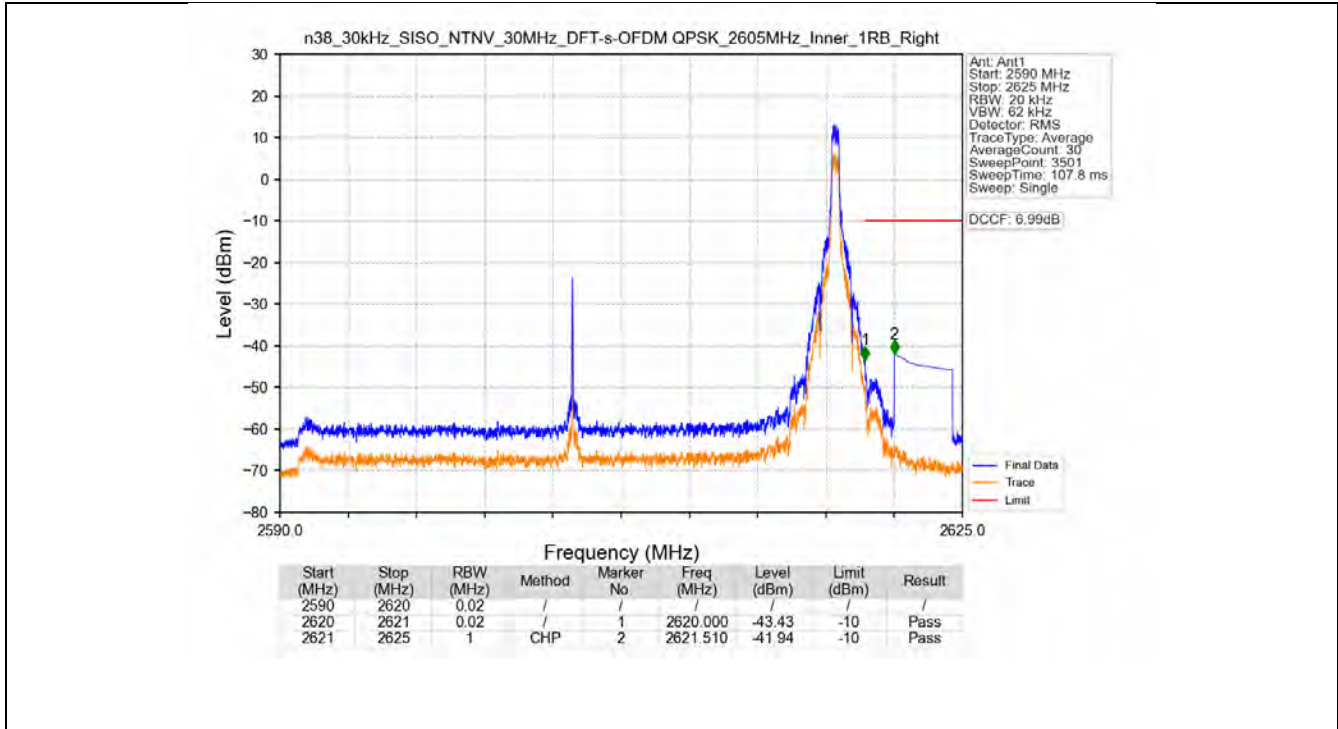


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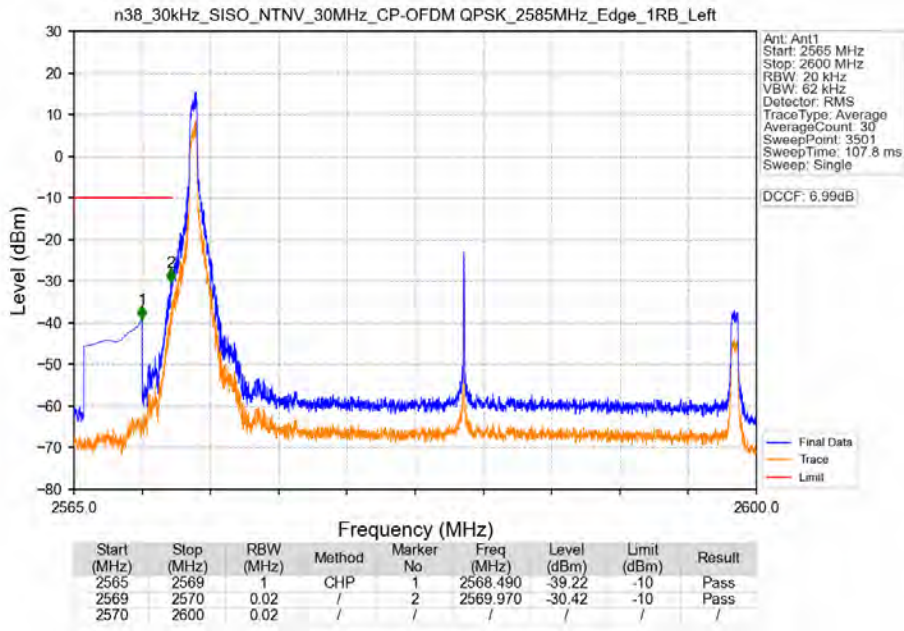
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n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2585MHz_Edge_1RB_Left



n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2585MHz_Edge_1RB_Left



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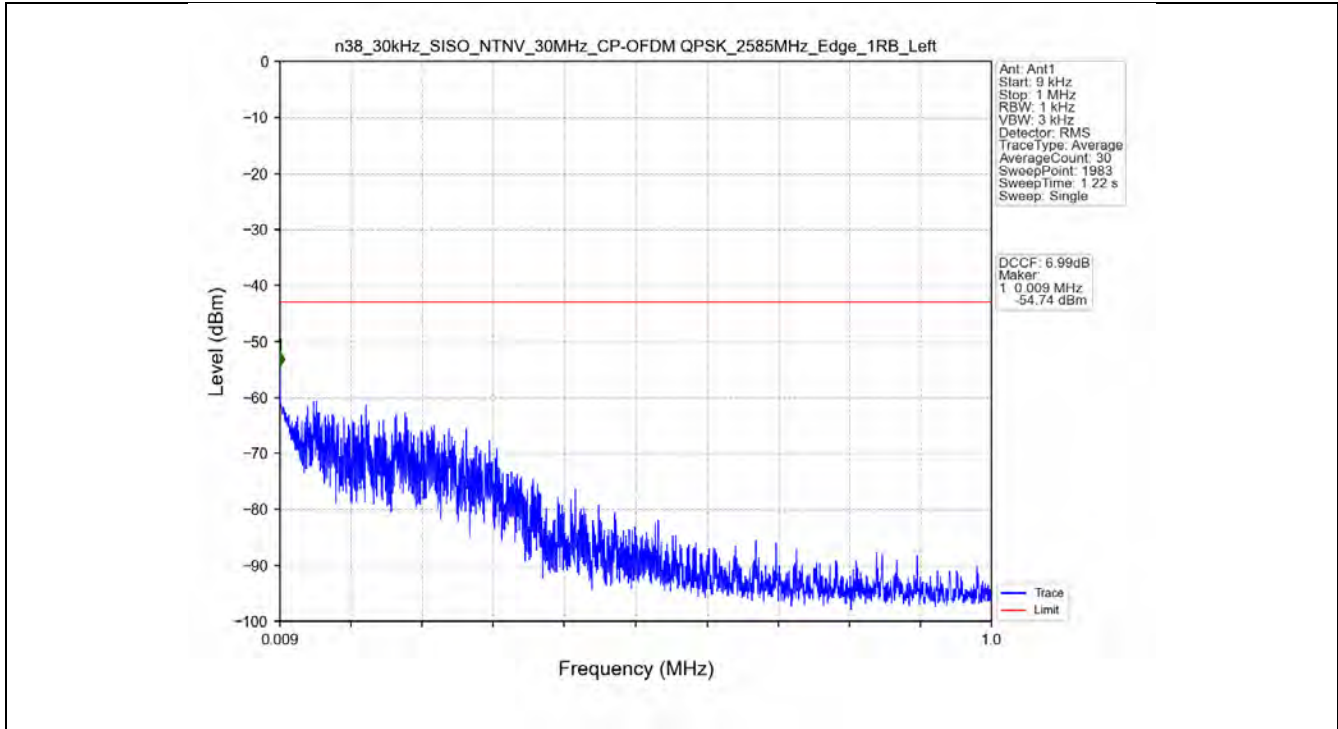


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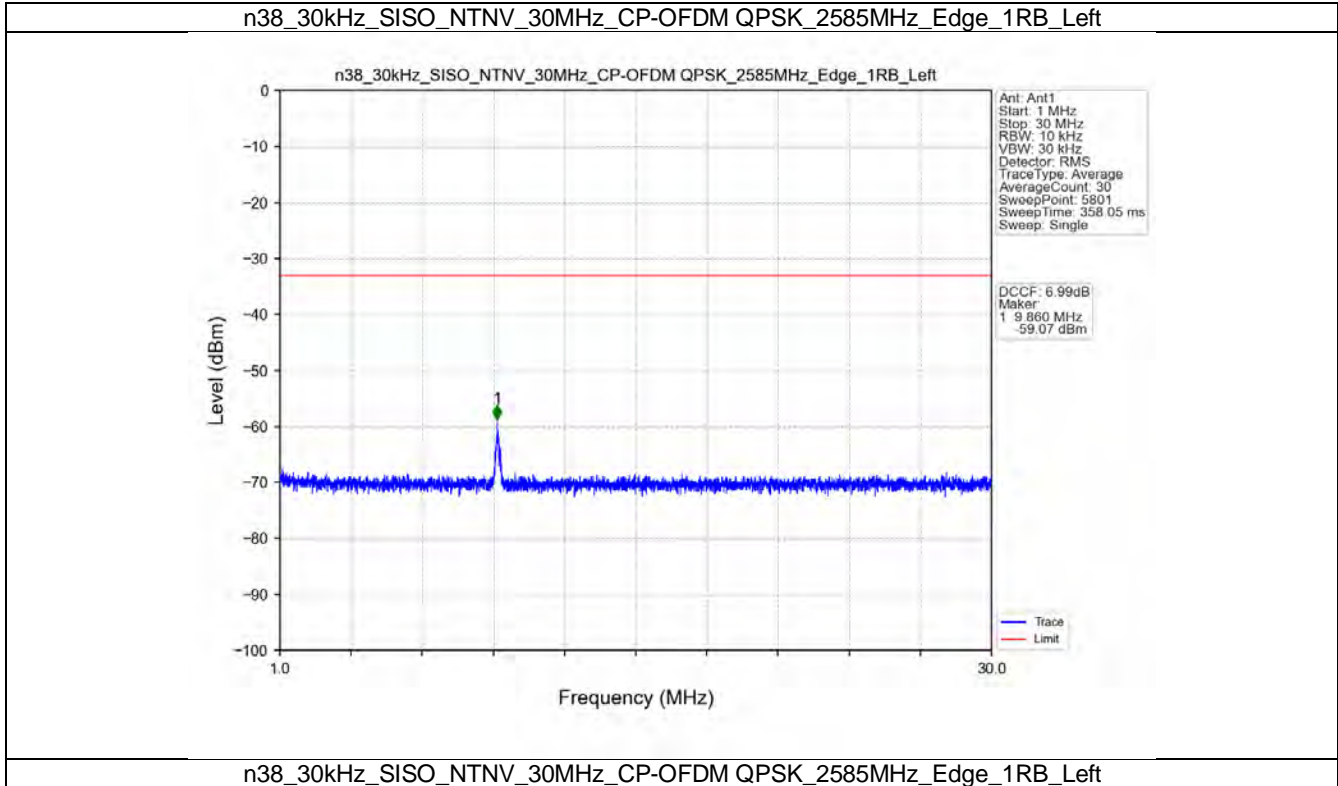


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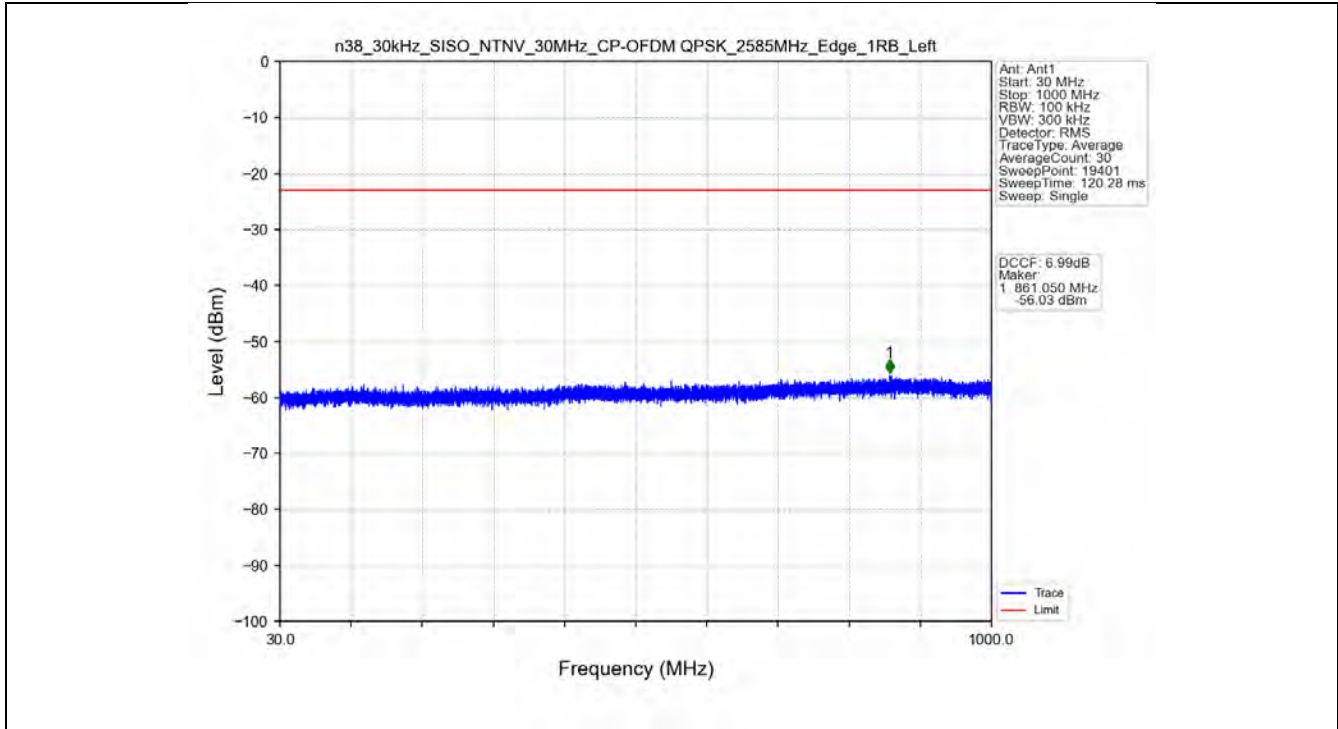


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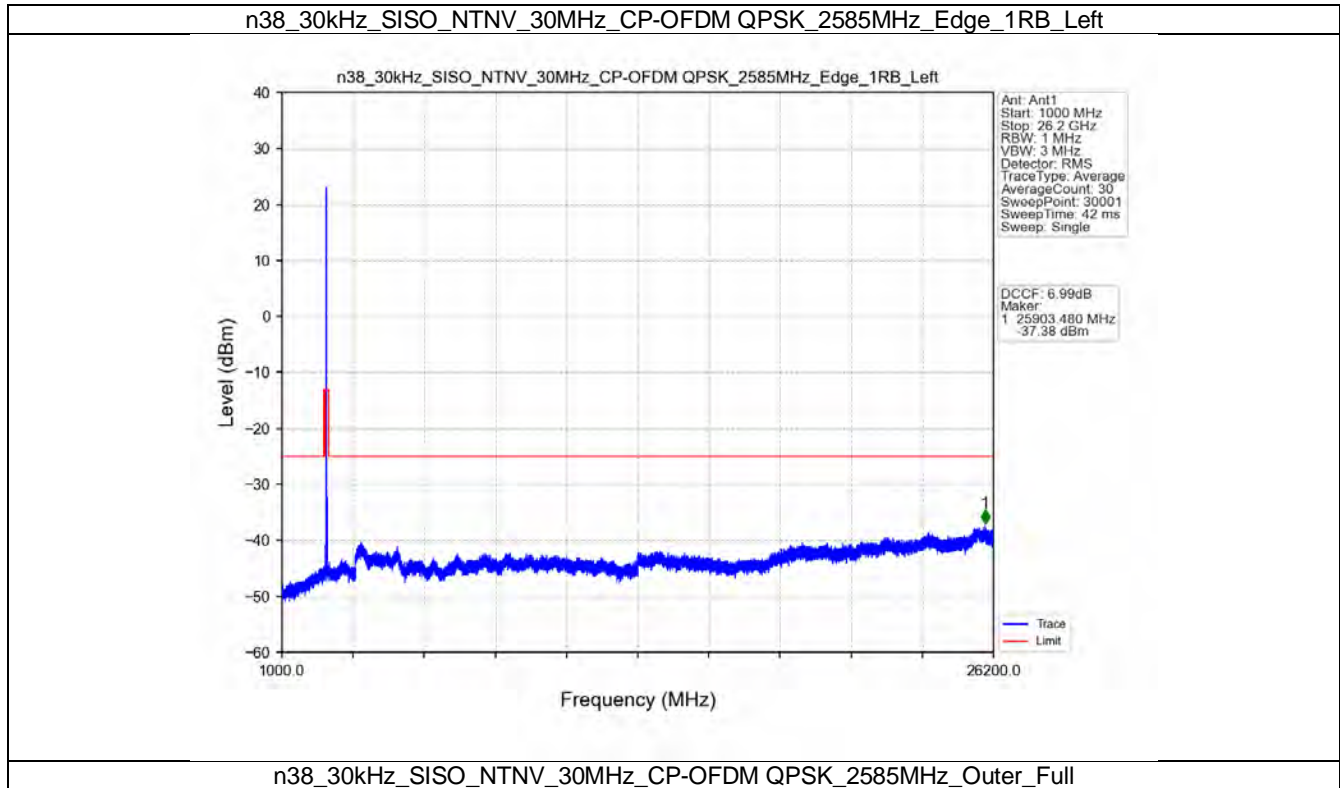


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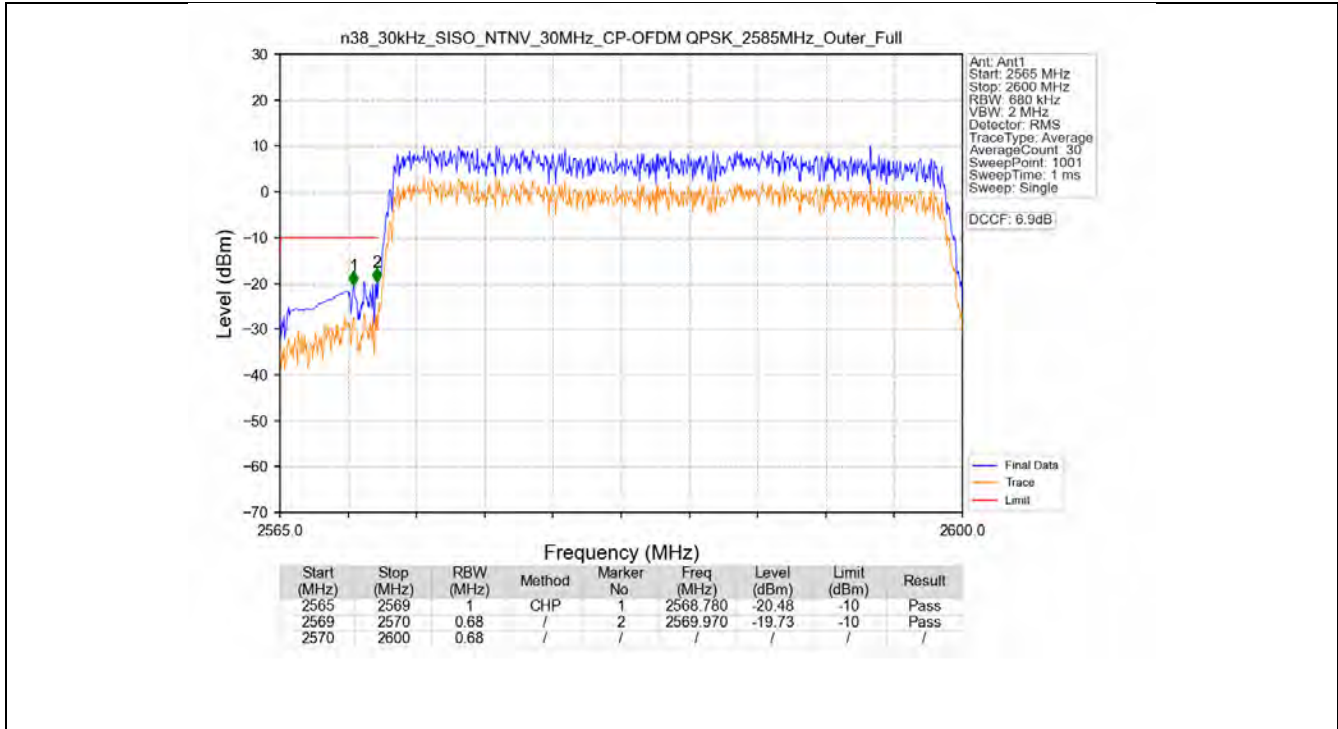


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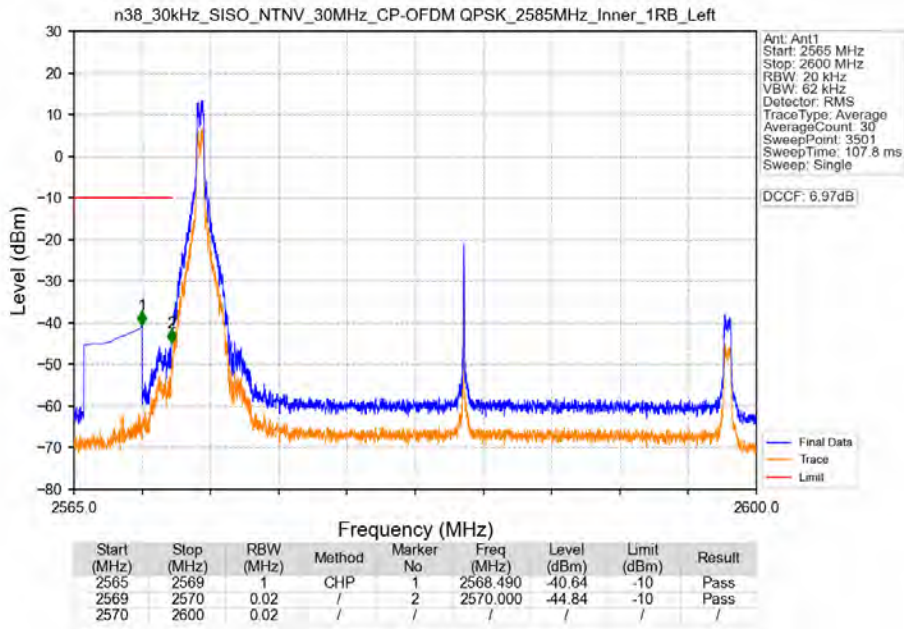
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n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2585MHz_Inner_1RB_Left



n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left



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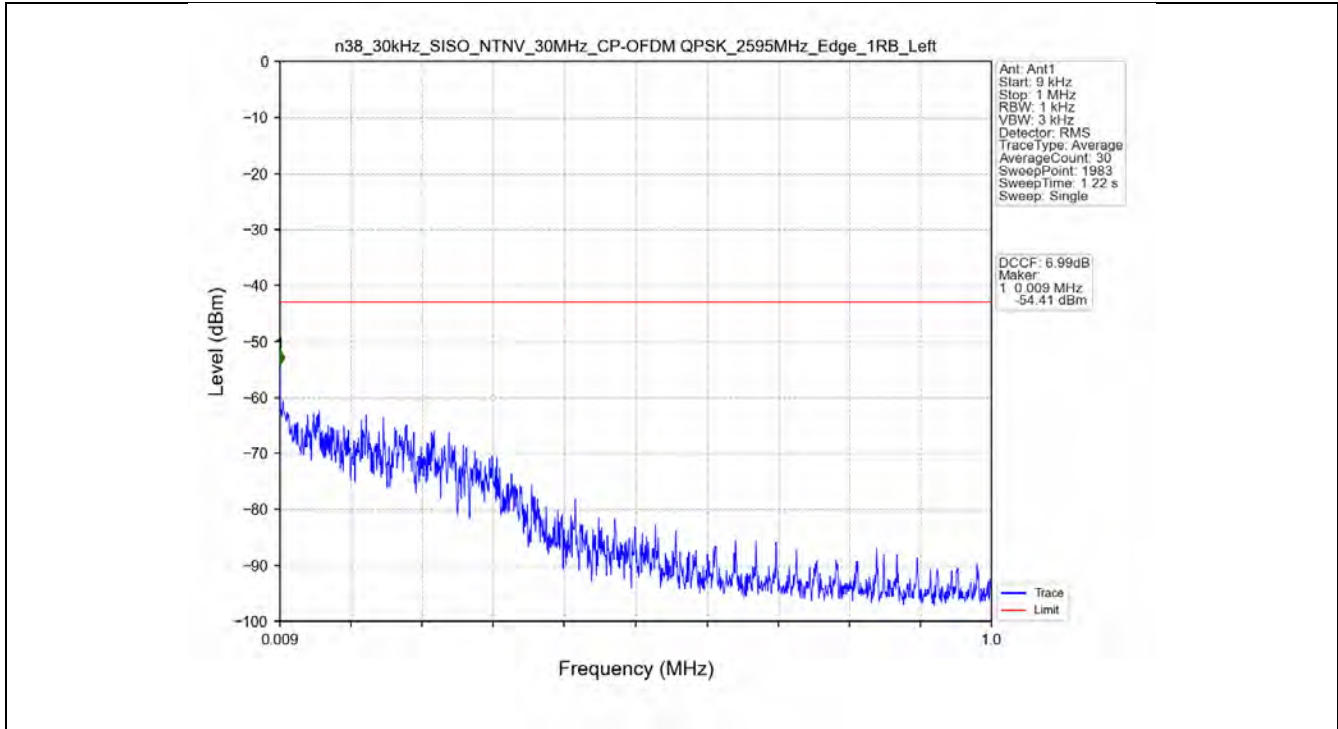


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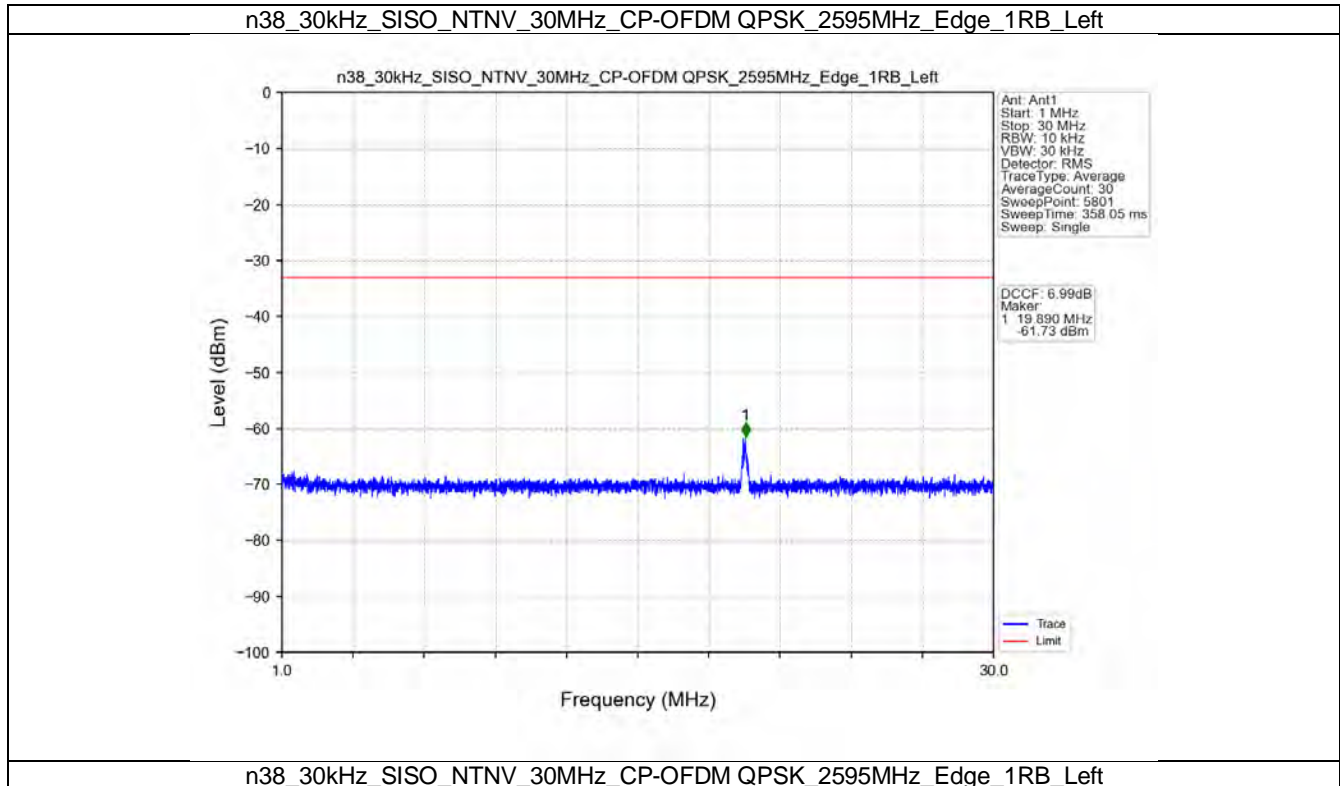


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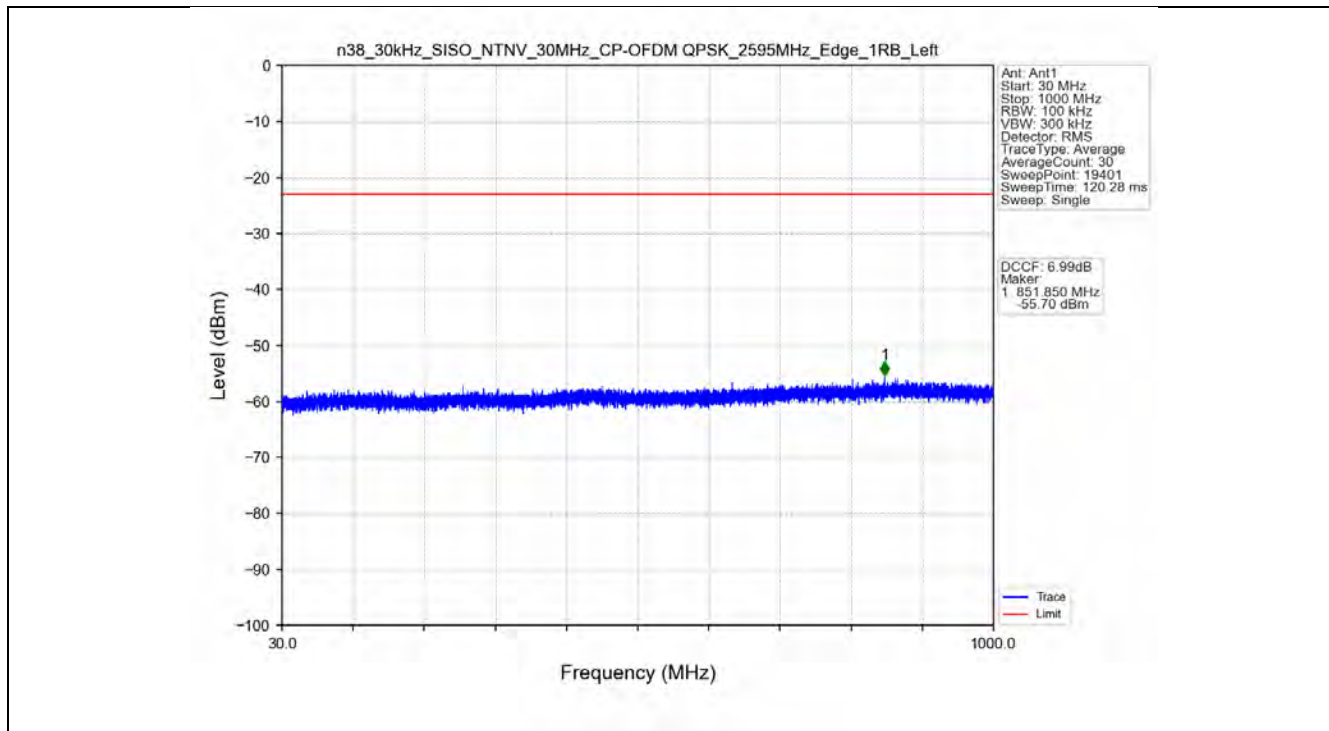
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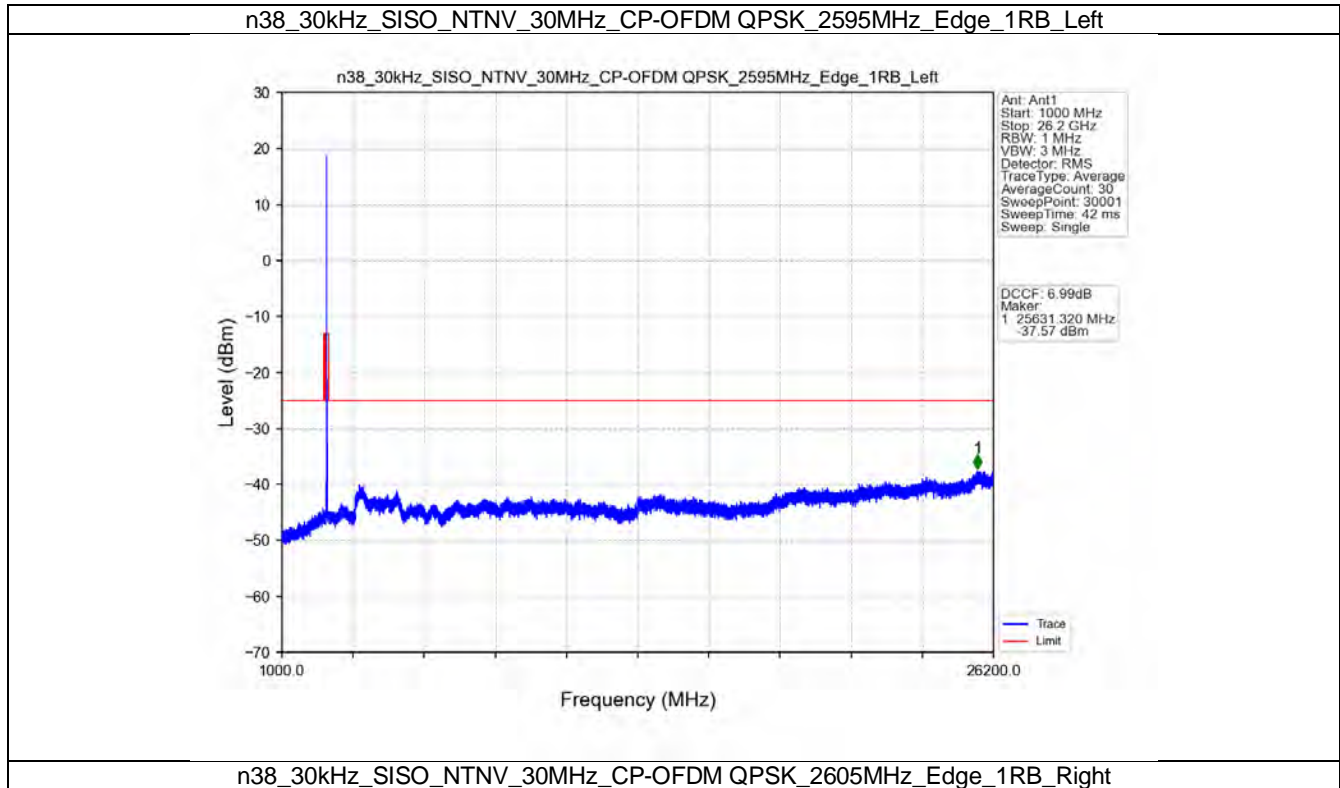


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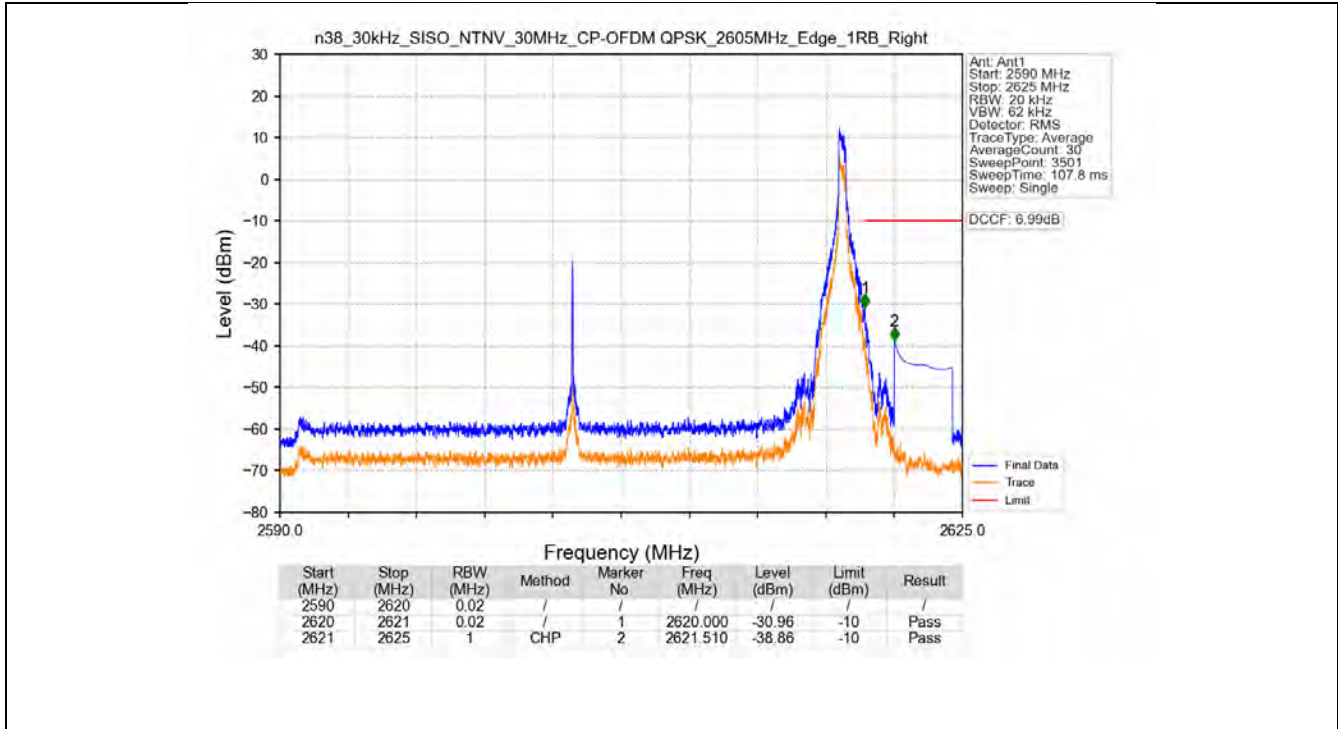


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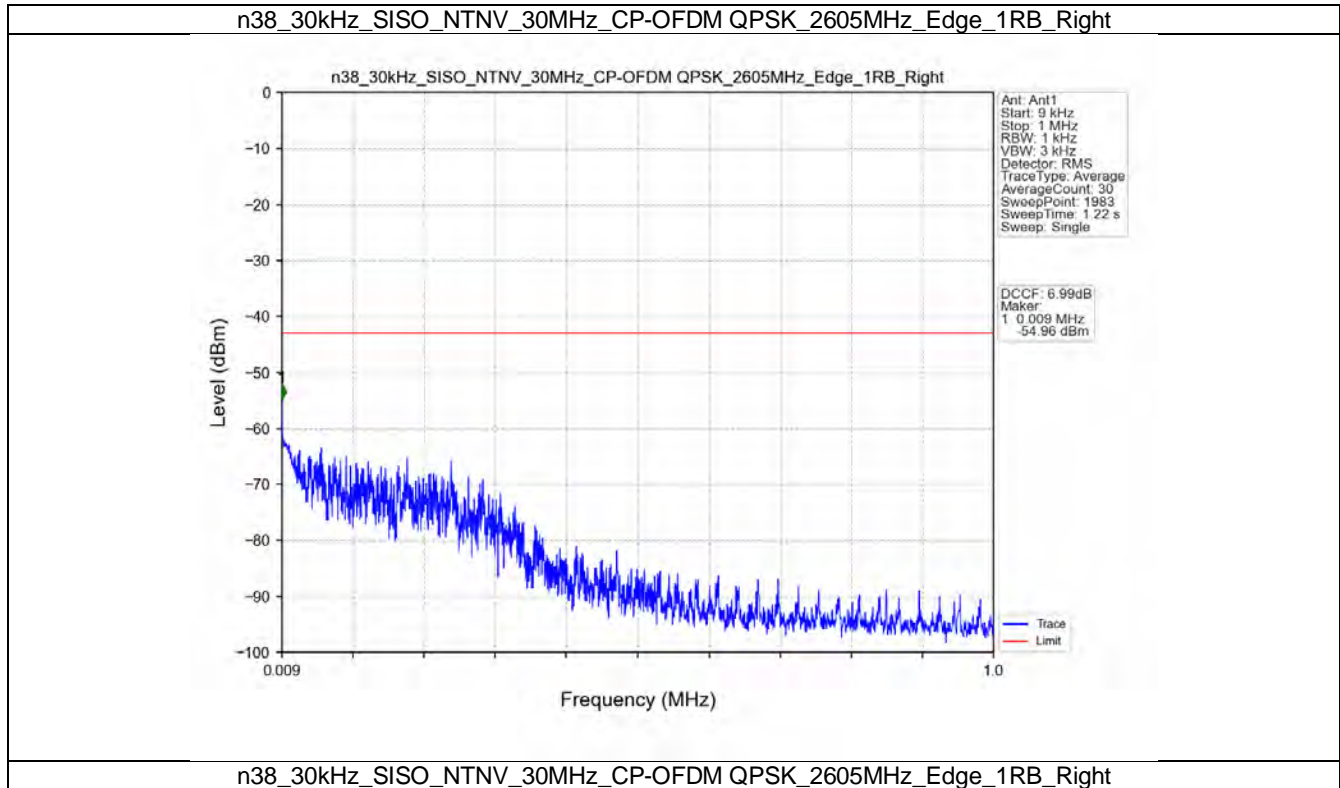


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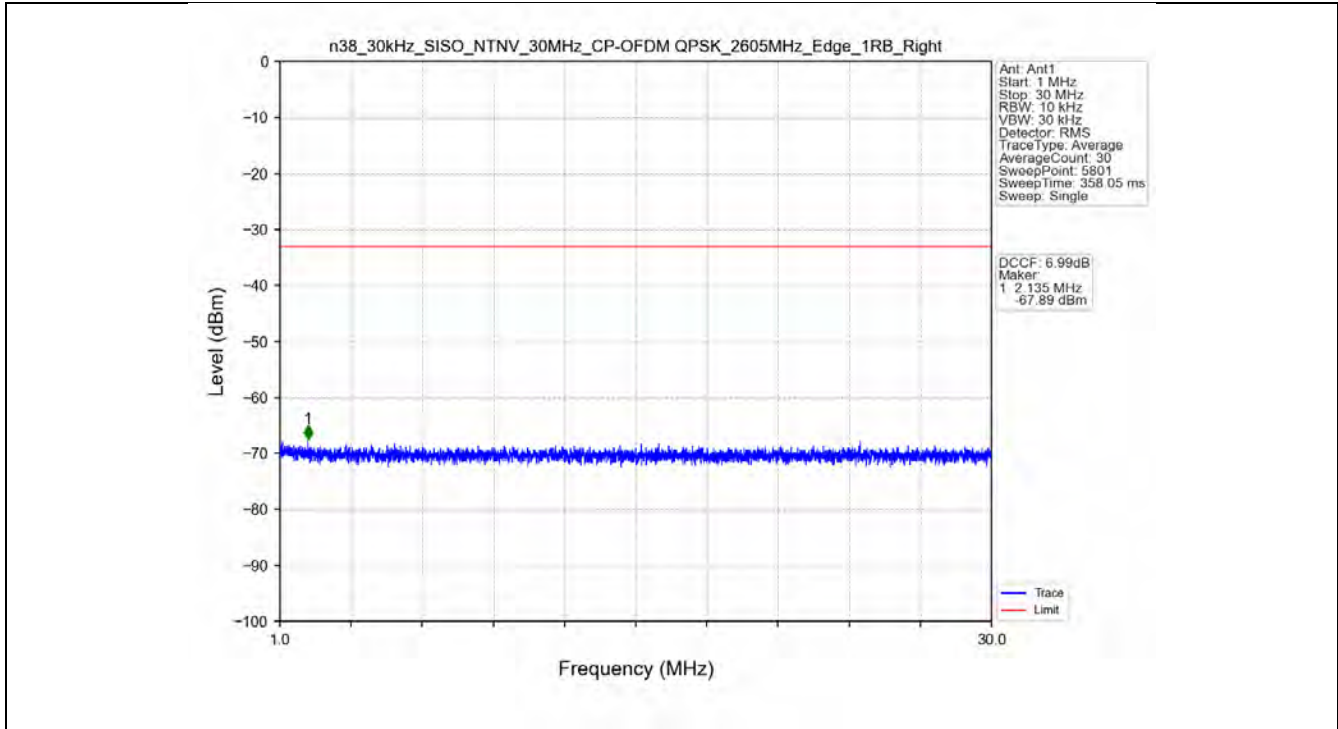


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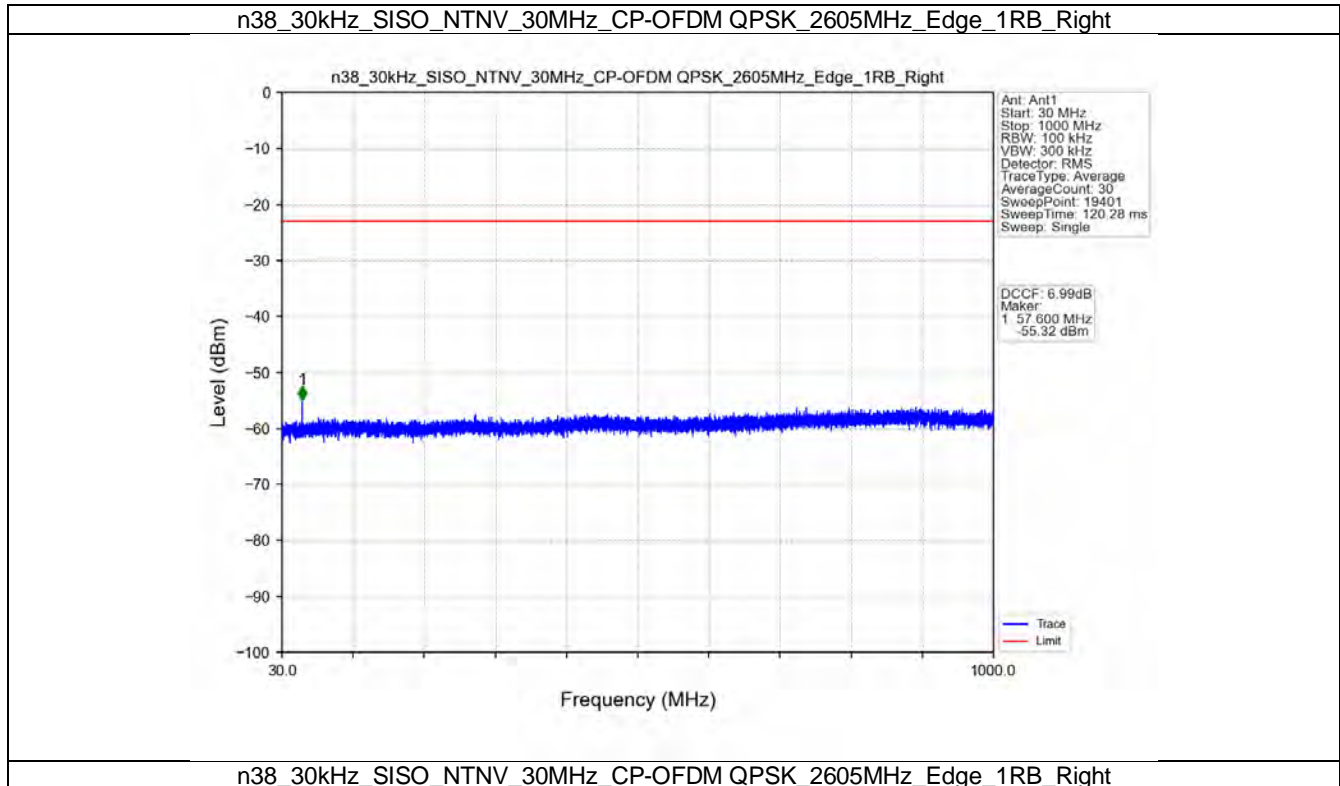


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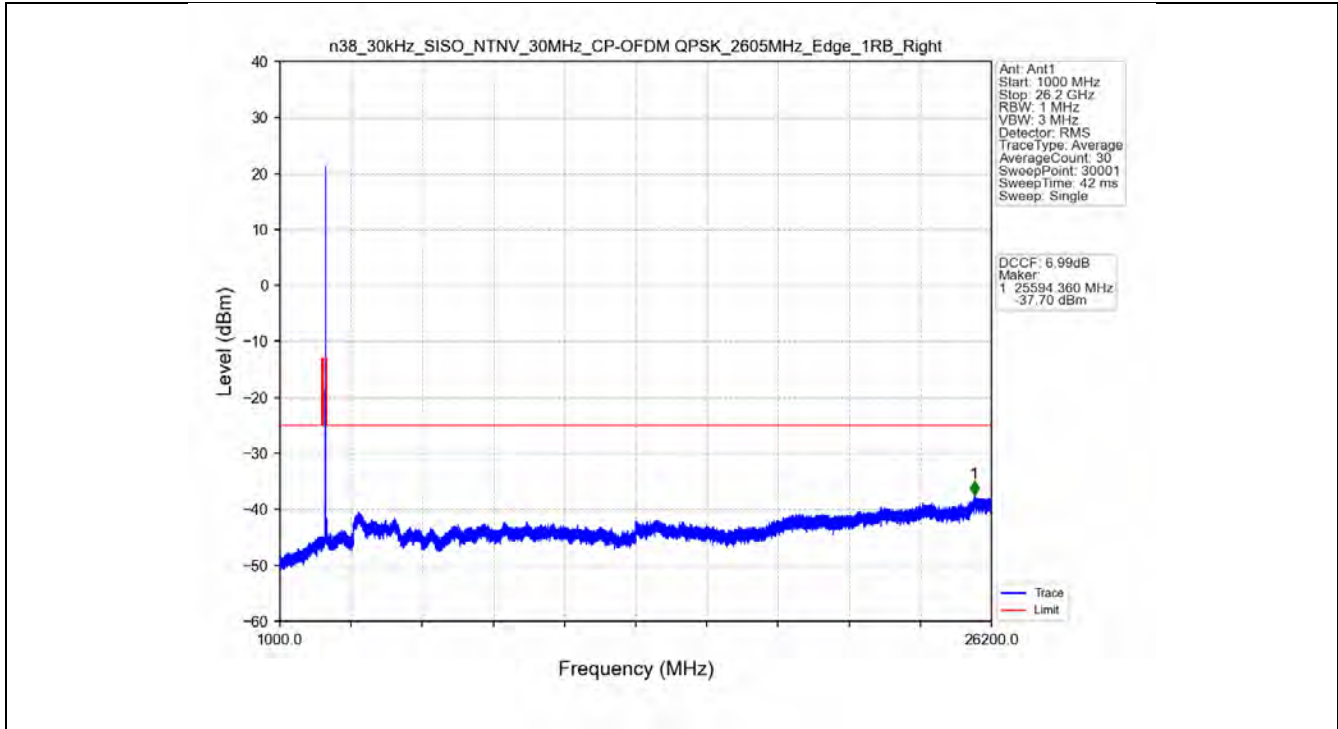


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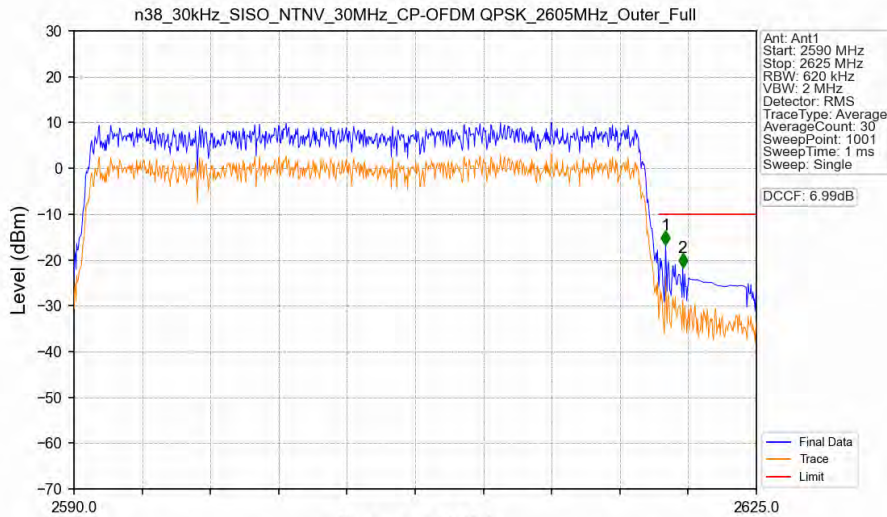
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Shenzhen Branch**

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n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2605MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590 | 2620 | 0.62 | / | / | / | / | / | / |
| 2620 | 2621 | 0.62 | / | 1 | 2620.345 | -16.69 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.220 | -21.65 | -10 | Pass |

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2605MHz_Inner_1RB_Right



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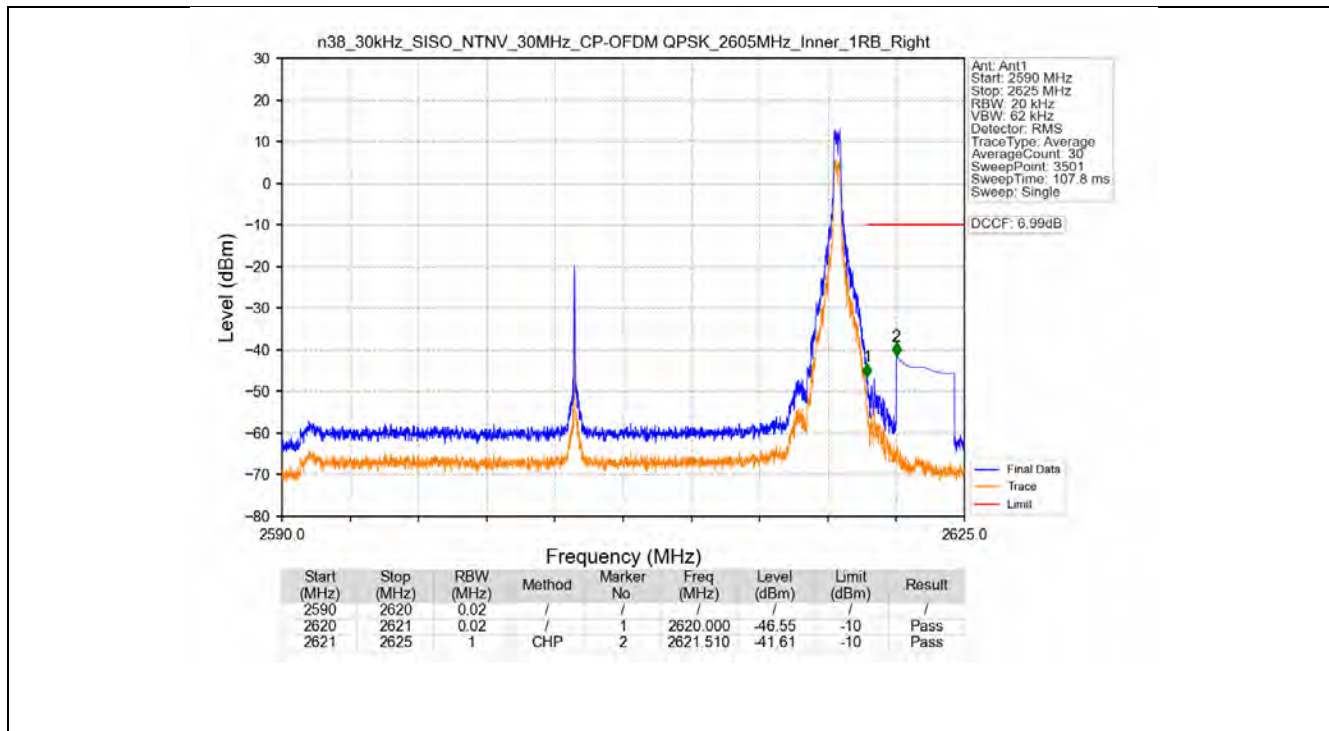
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5.3 30k_SISO_40MHz_NTNV

5.3.1 Test Result

| 5G NR n38 SCS=30kHz SISO 40MHz NTV | | | | | | | |
|------------------------------------|-----------------|-----------------|---------------------|------|-----|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2590 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2600 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2590 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2600 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2590 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2600 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |



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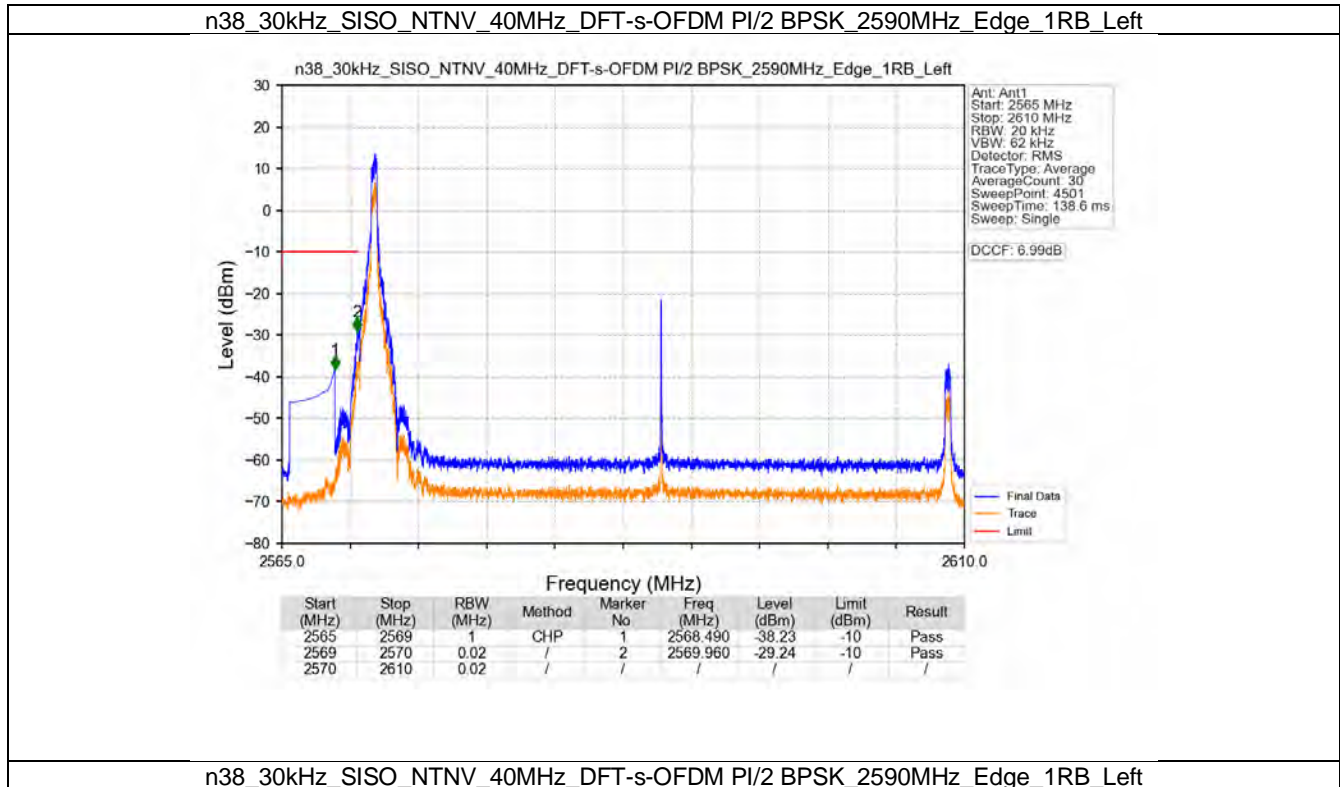
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5.3.2 Test Graph



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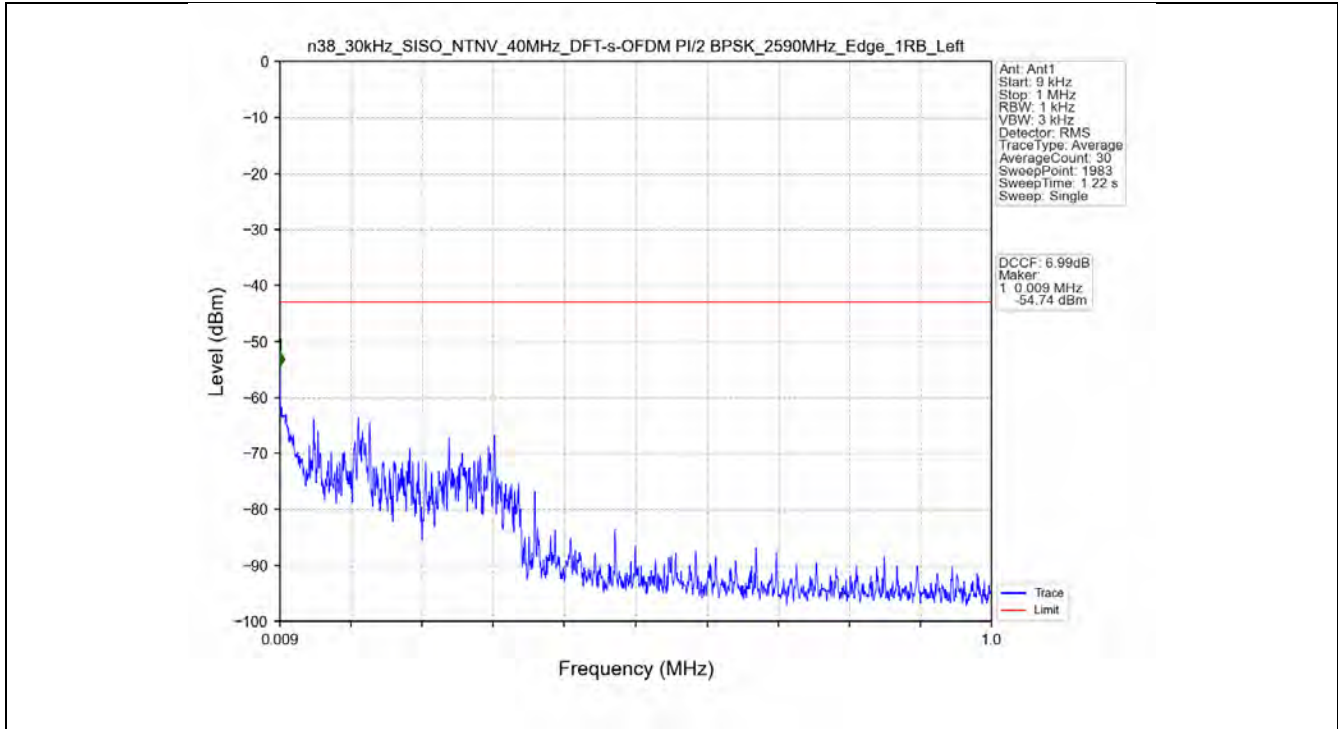


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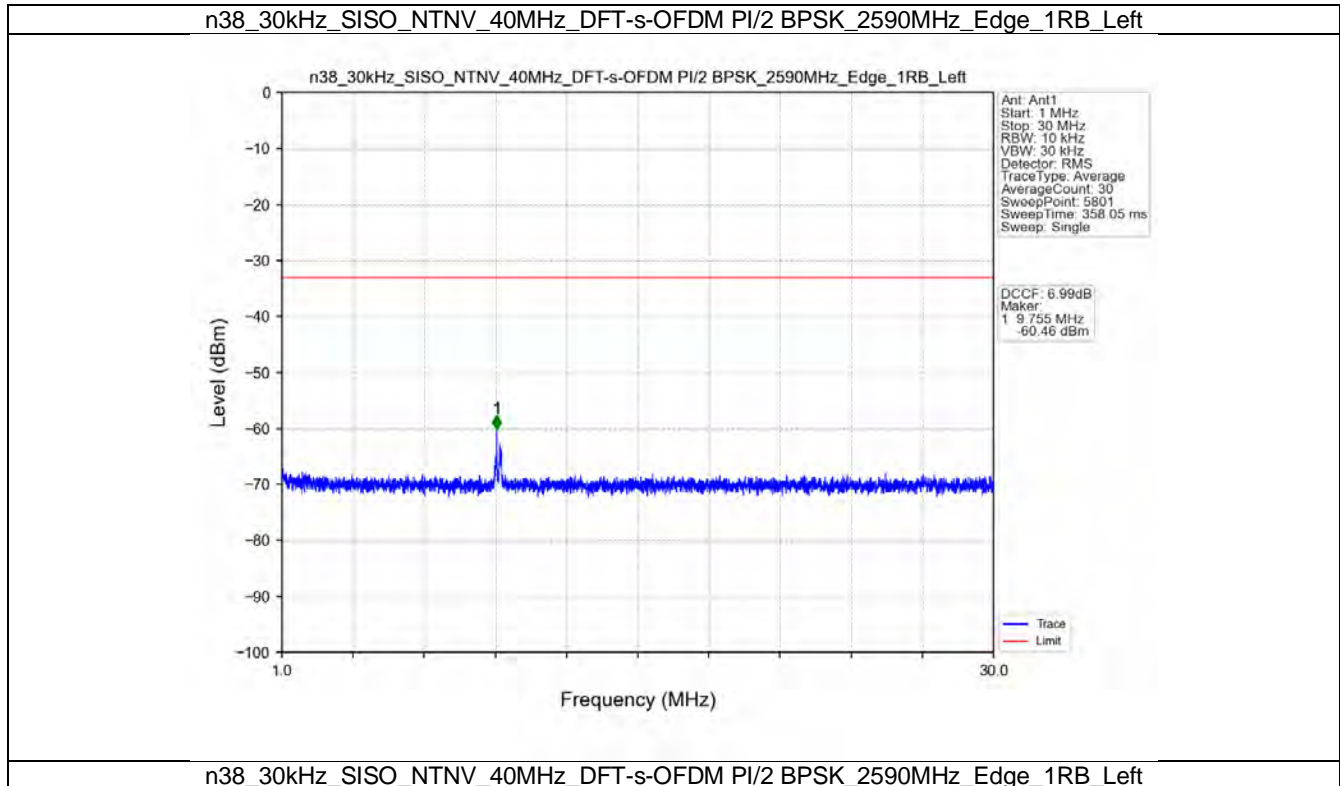


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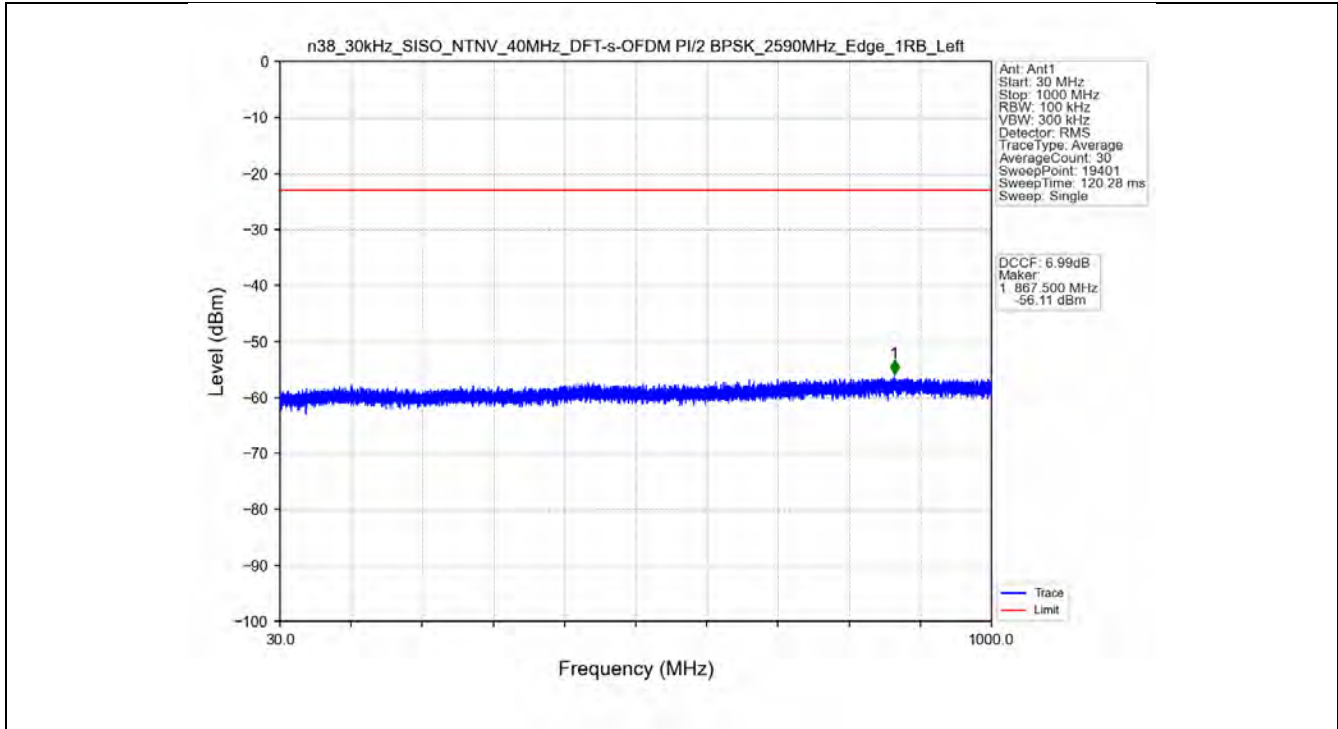


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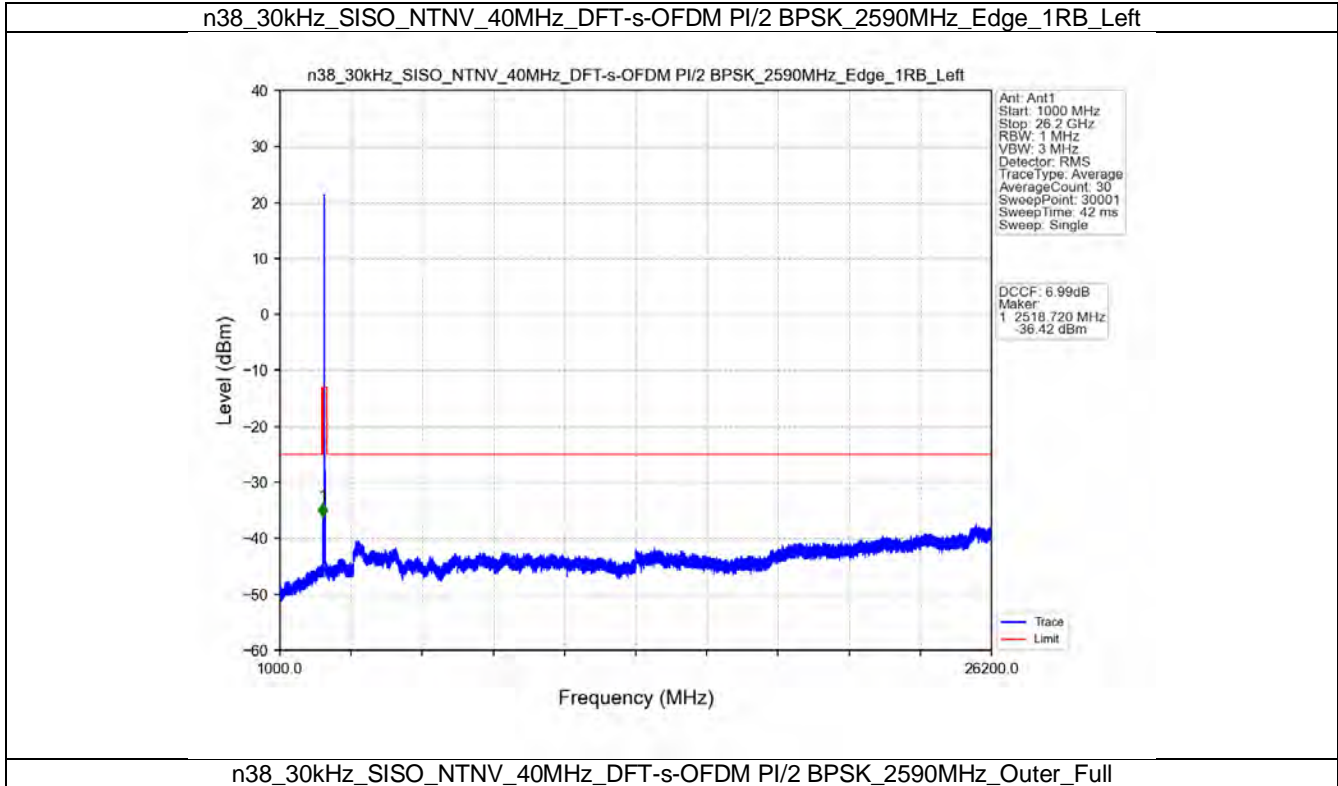


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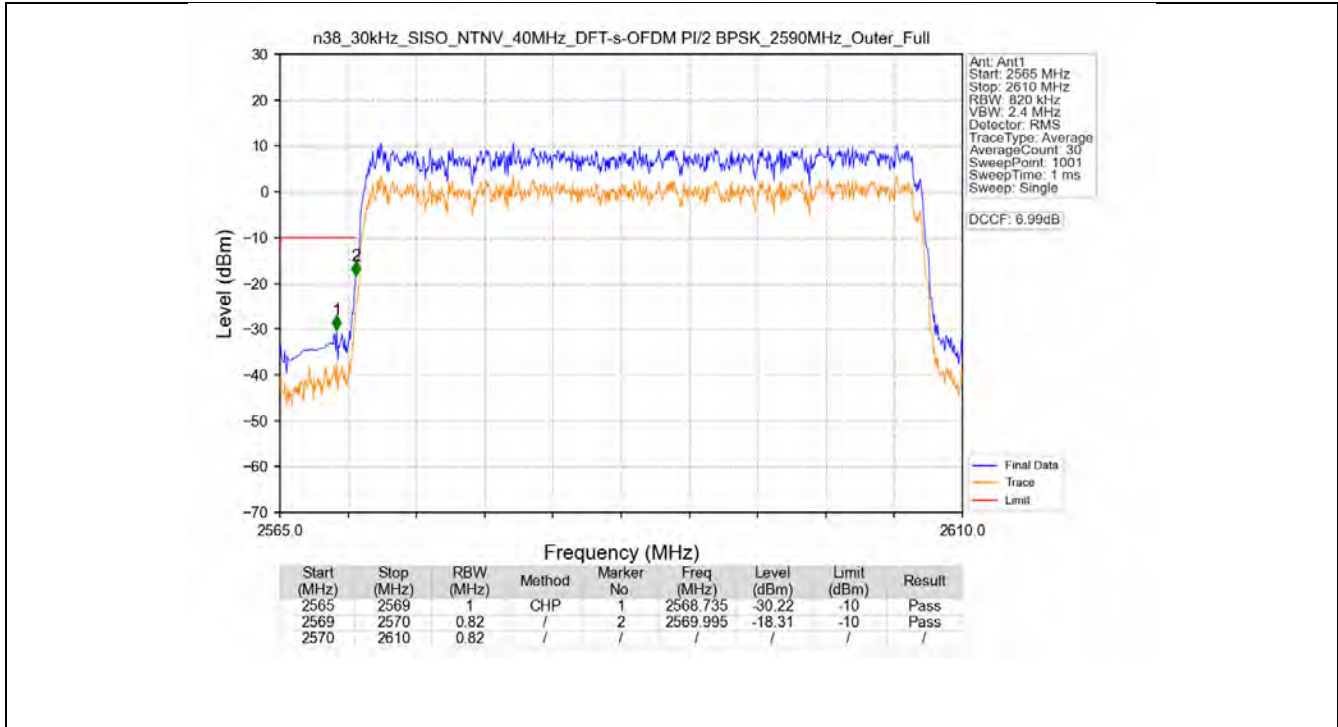


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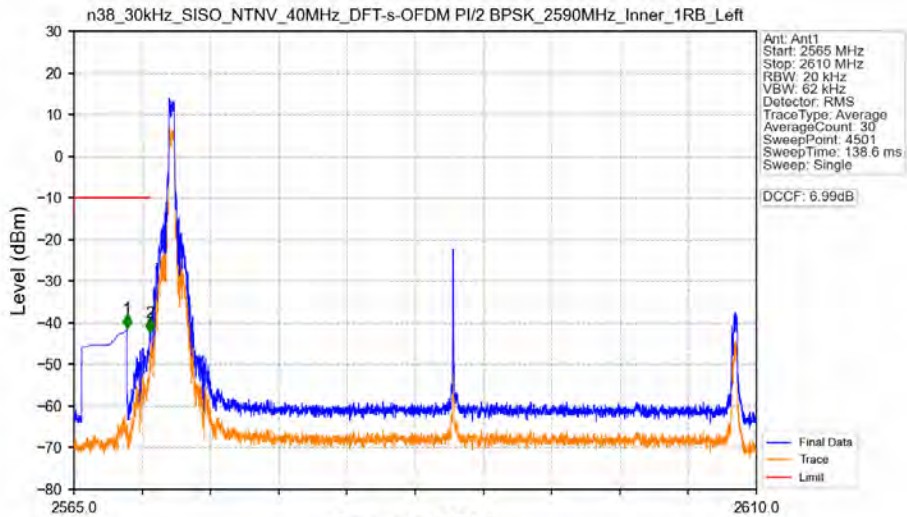
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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Inner_1RB_Left



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.490 | -41.41 | -10 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2570.000 | -42.38 | -10 | Pass |
| 2570 | 2610 | 0.02 | / | / | / | / | / | / |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left



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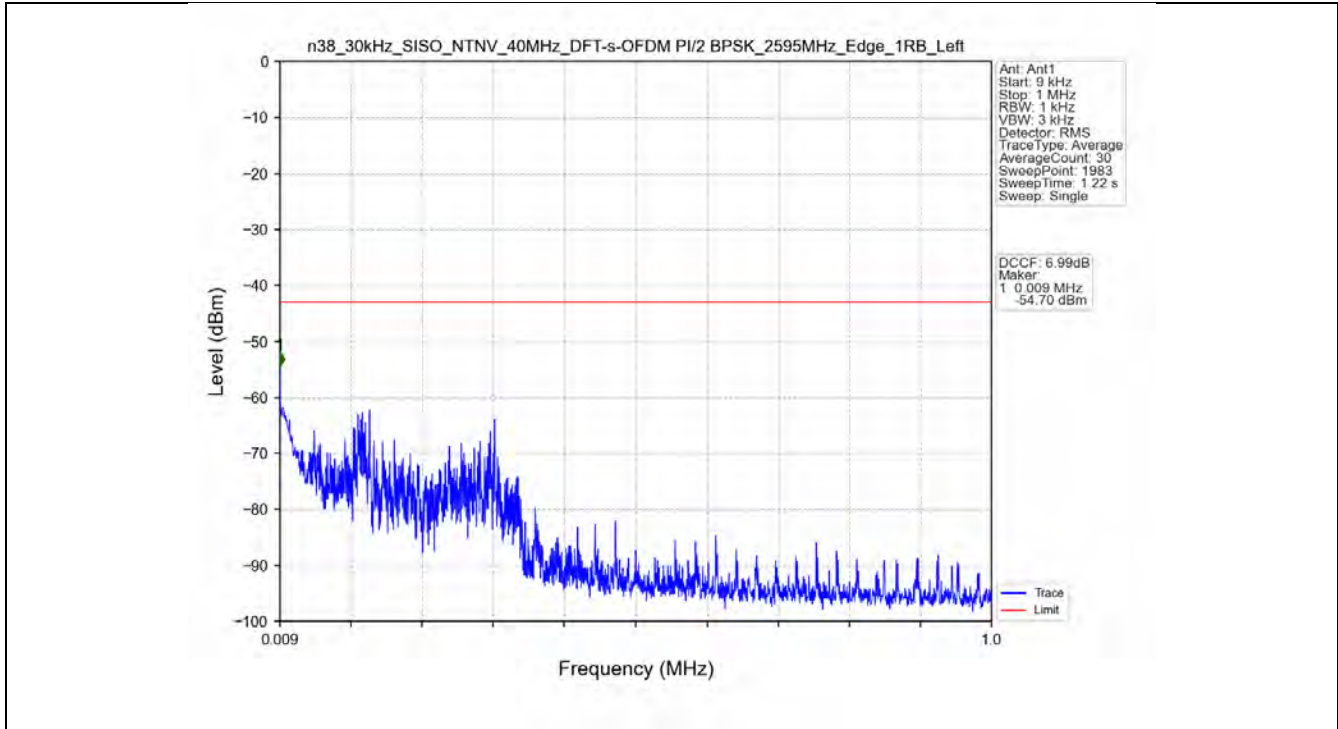


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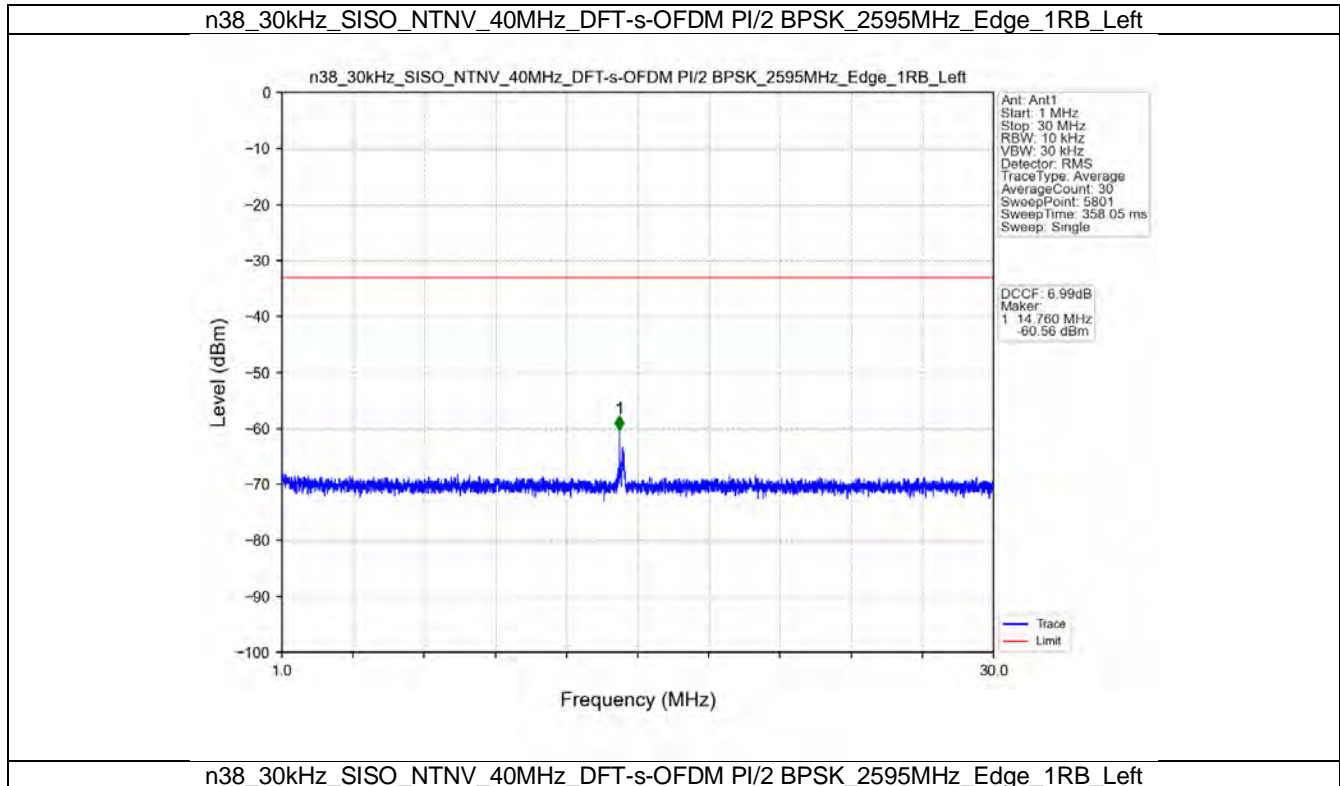


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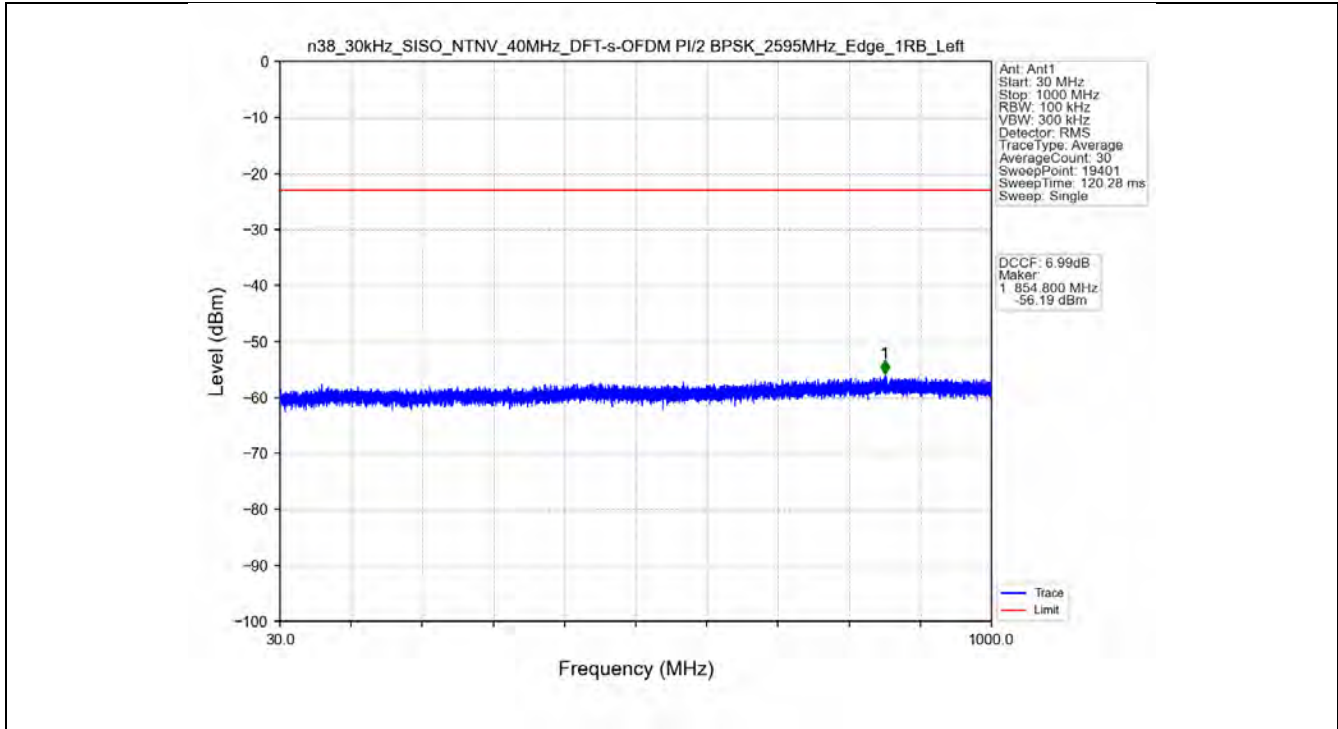


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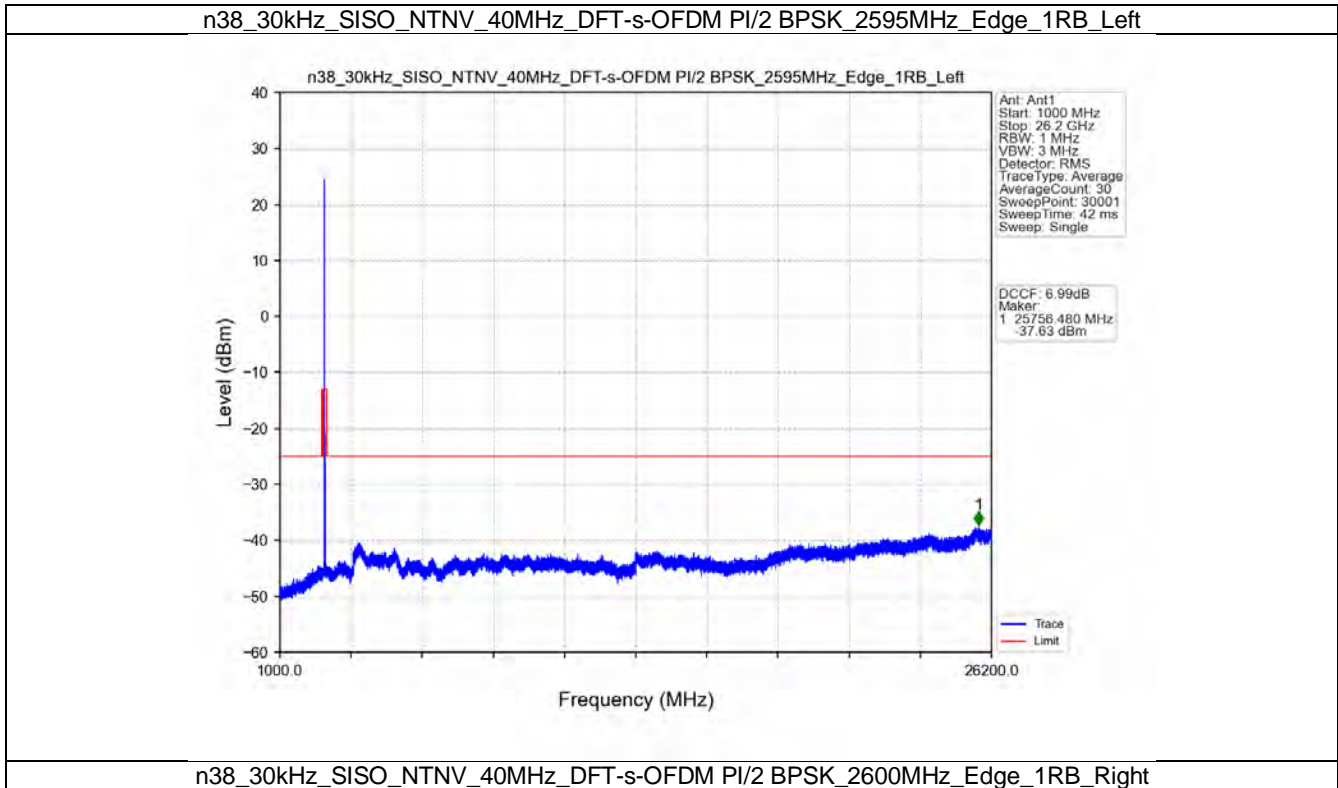


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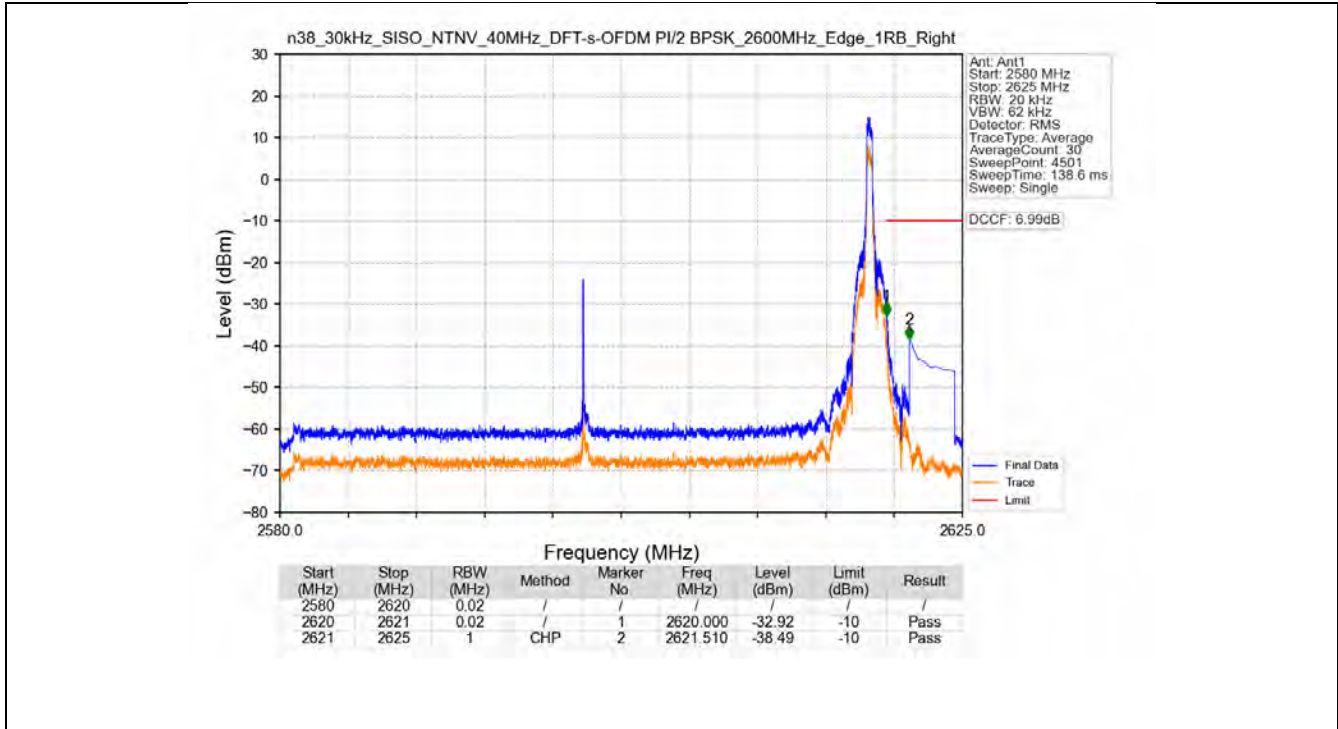


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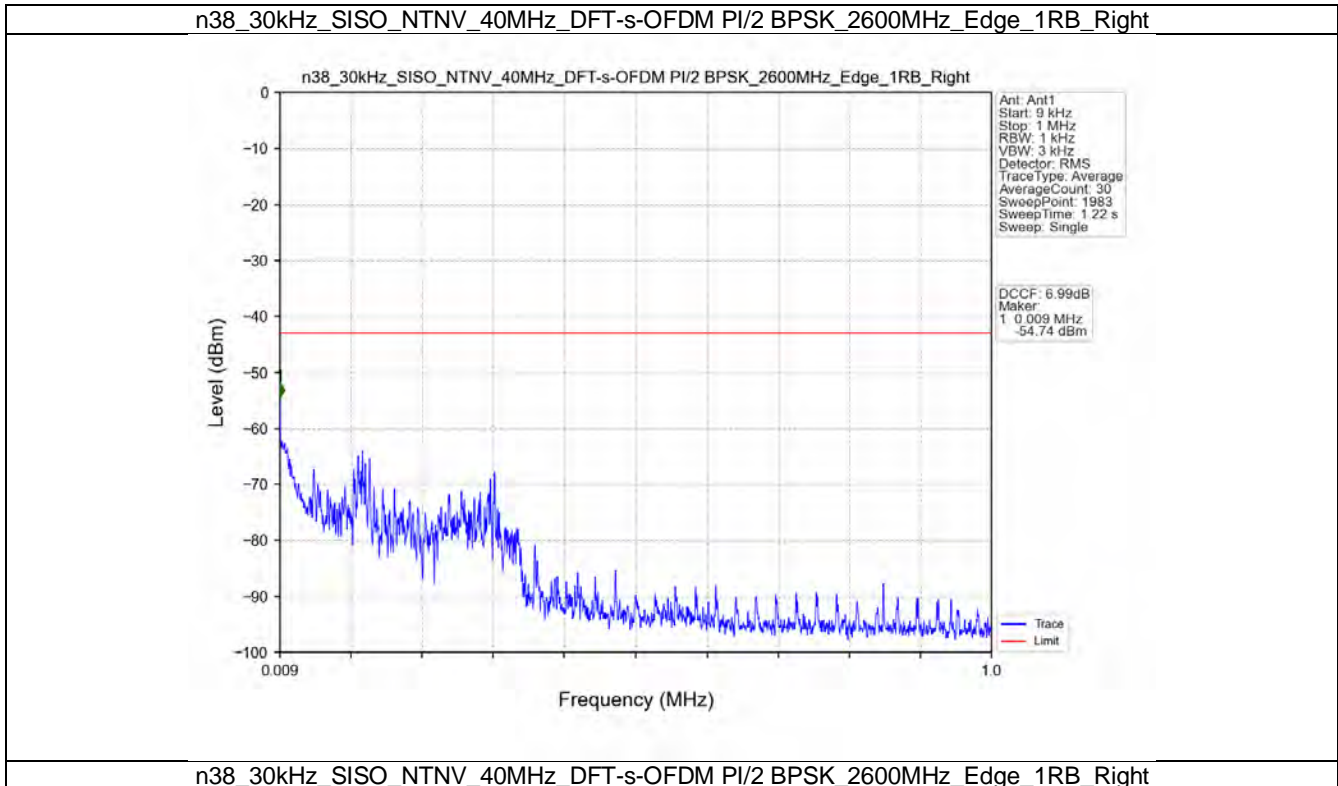


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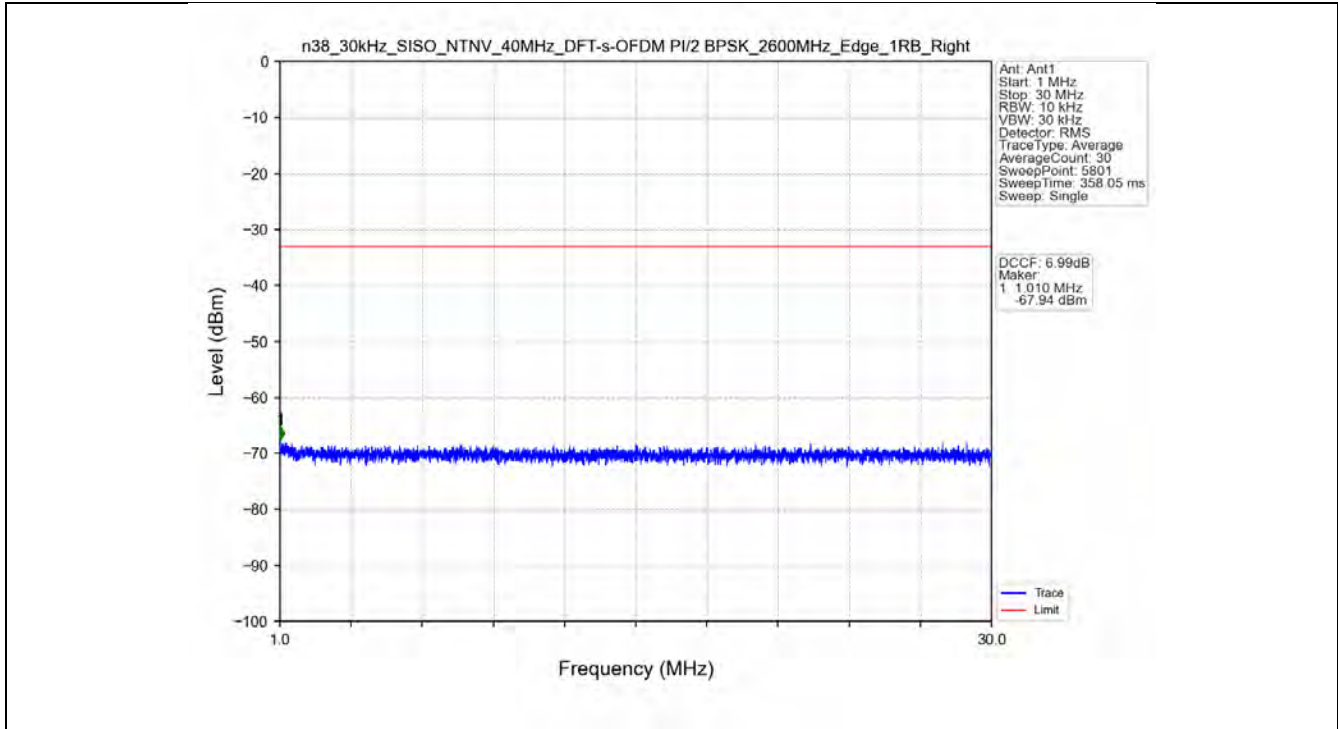


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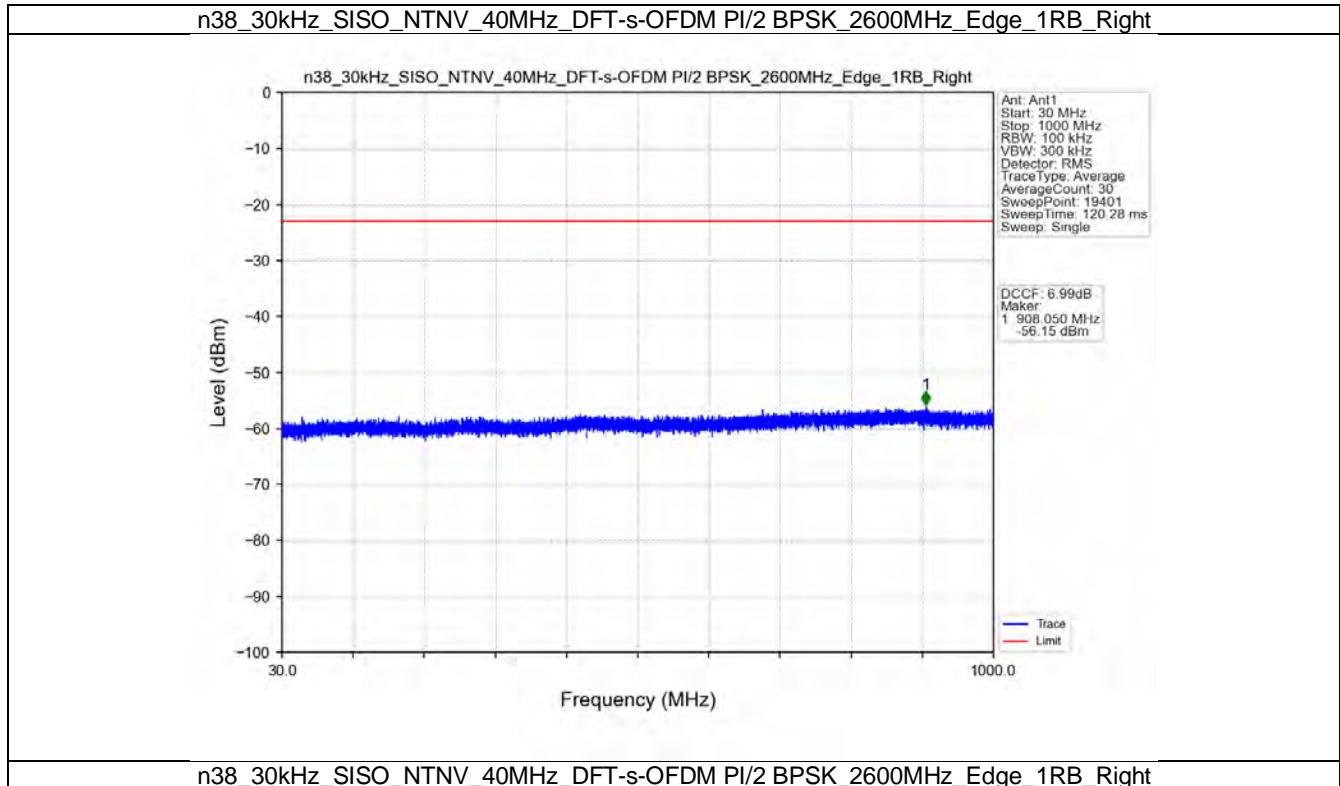


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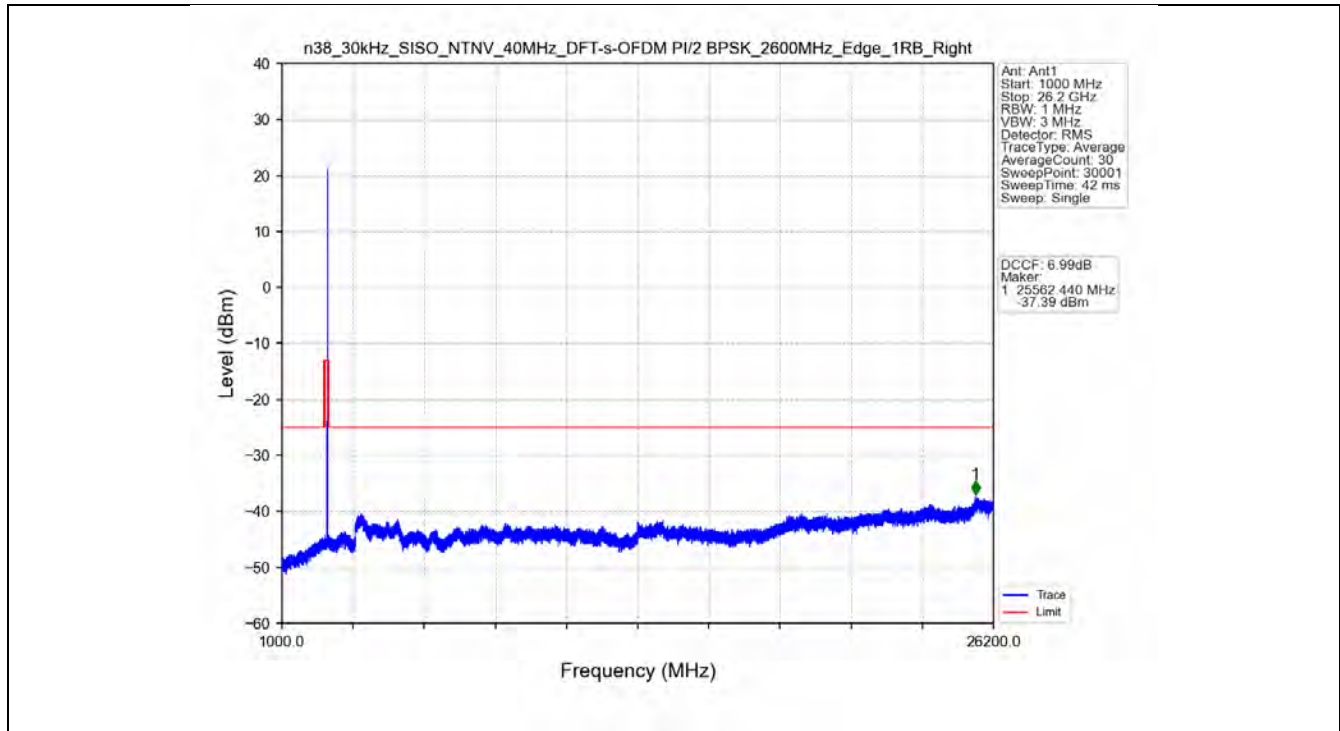


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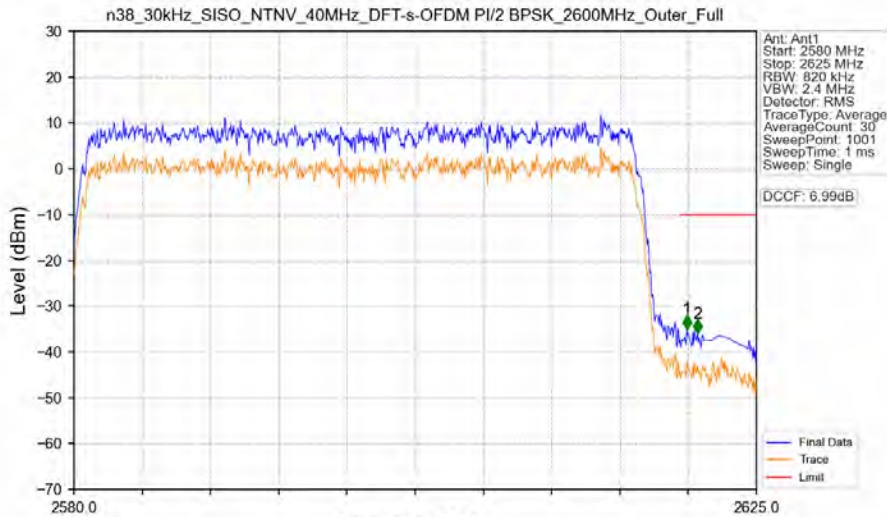
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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2580 | 2620 | 0.82 | / | / | / | / | / | / |
| 2620 | 2621 | 0.82 | / | 1 | 2620.410 | -35.00 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.130 | -35.93 | -10 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Inner_1RB_Right



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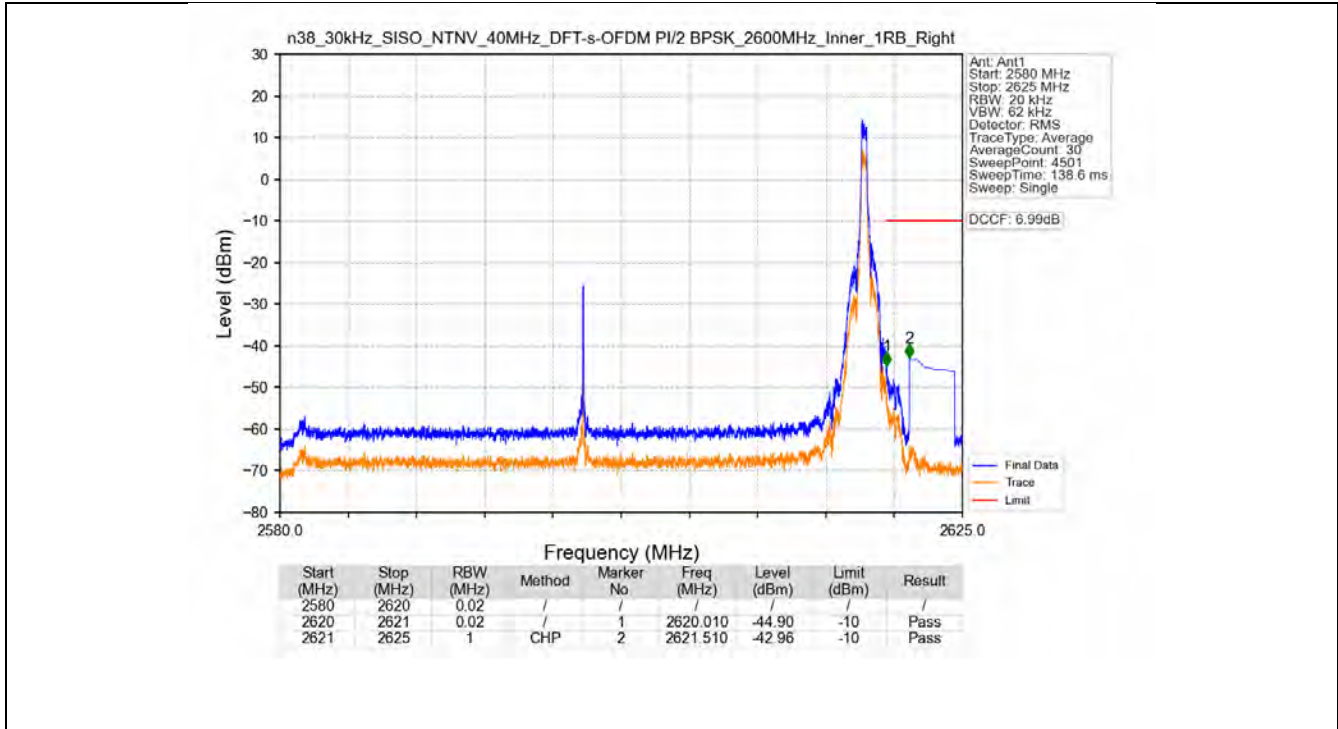


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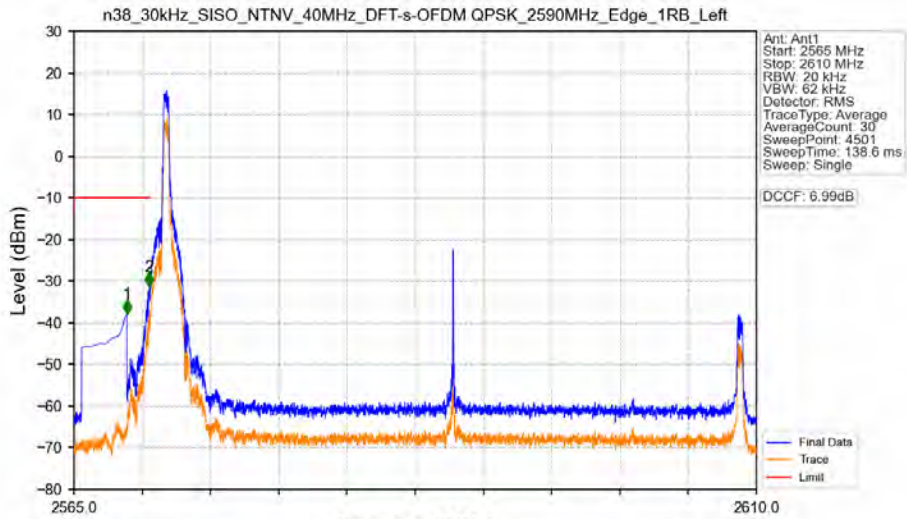
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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.490 | -37.99 | -10 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2569.970 | -31.33 | -10 | Pass |
| 2570 | 2610 | 0.02 | / | / | / | / | / | / |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left



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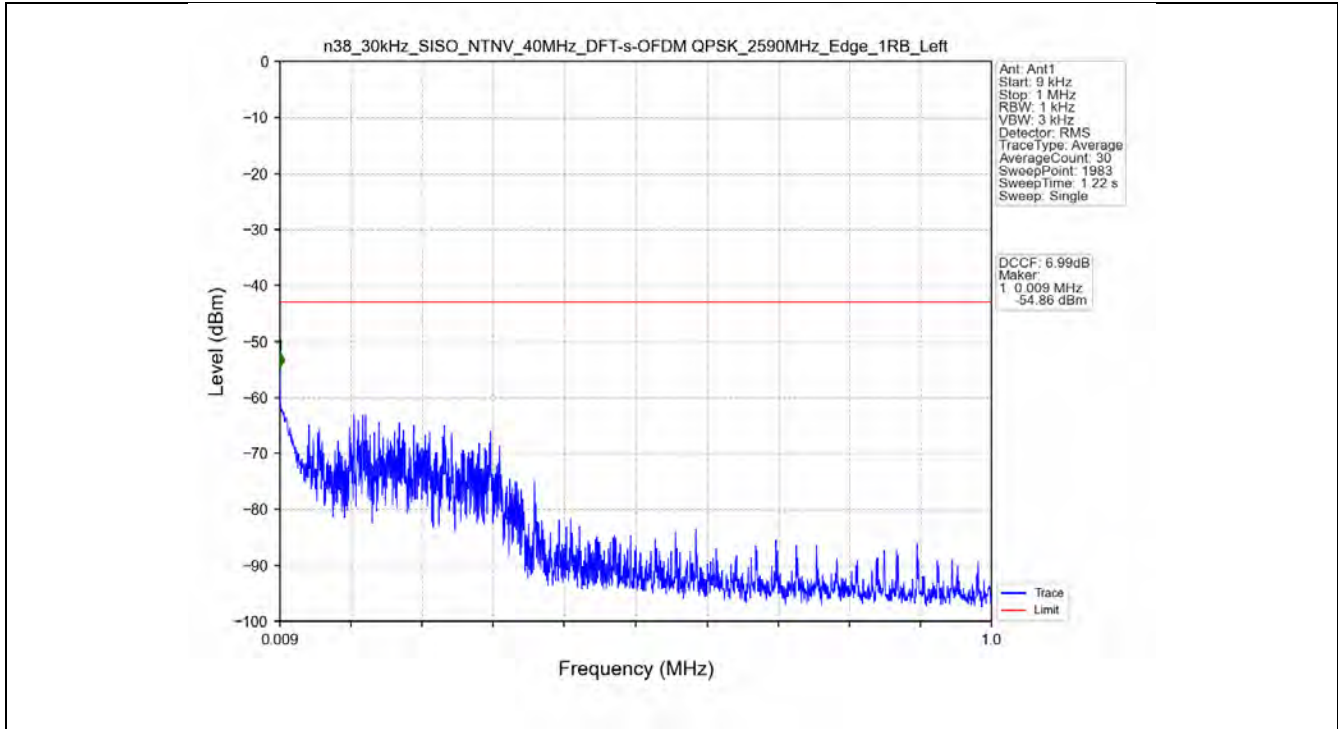


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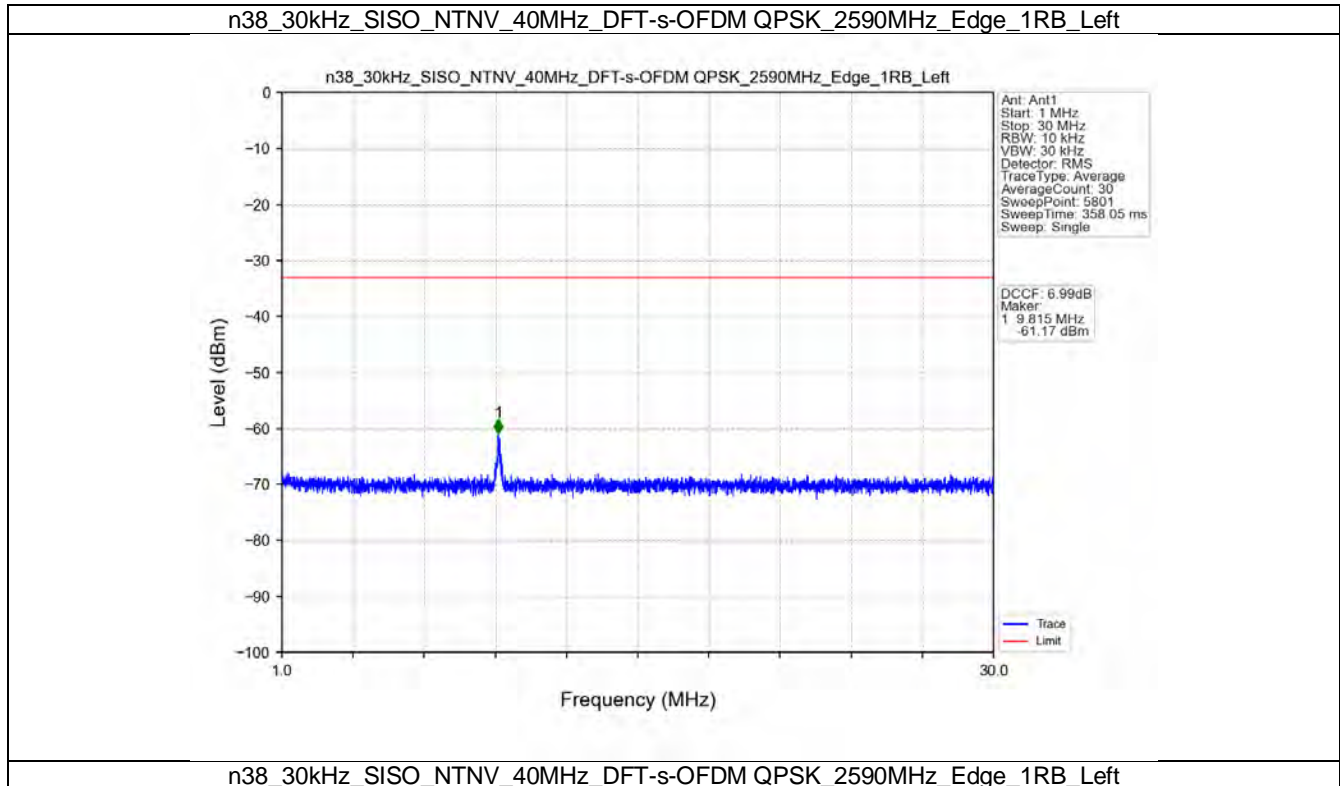


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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Edge_1RB_Left



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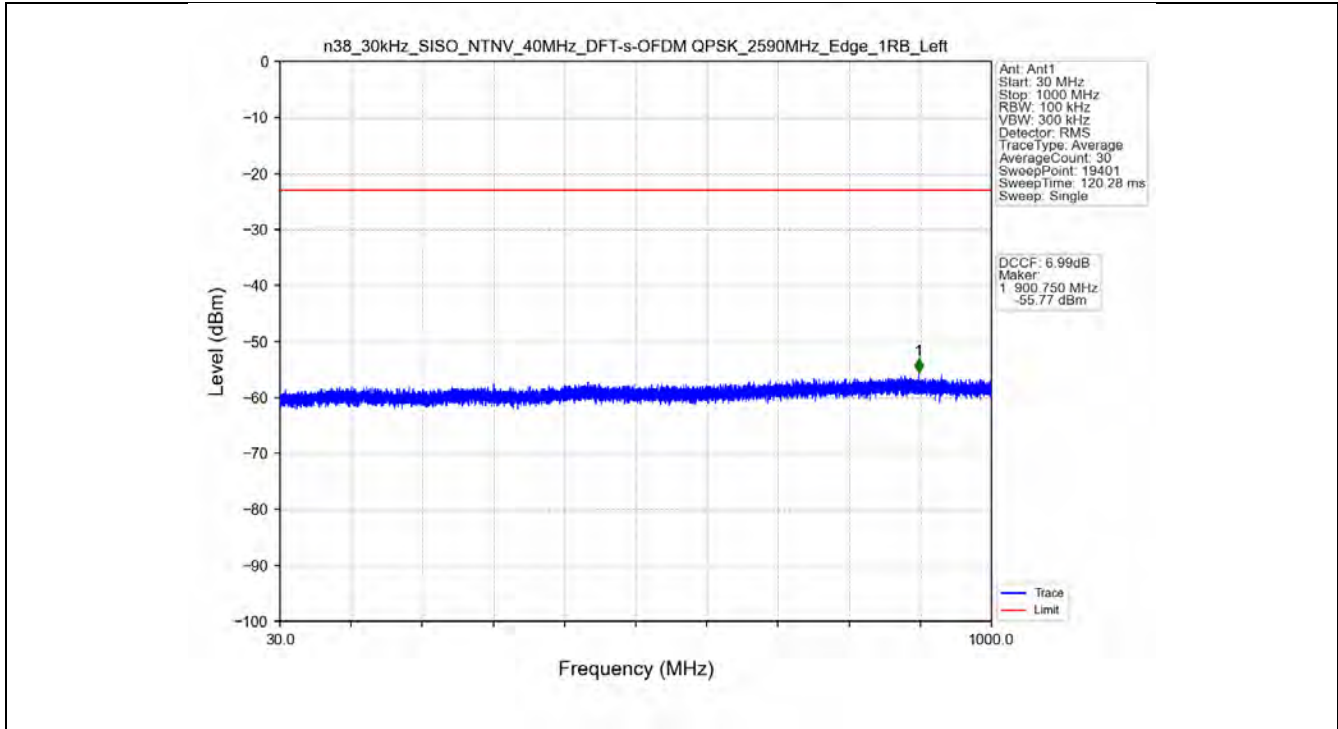


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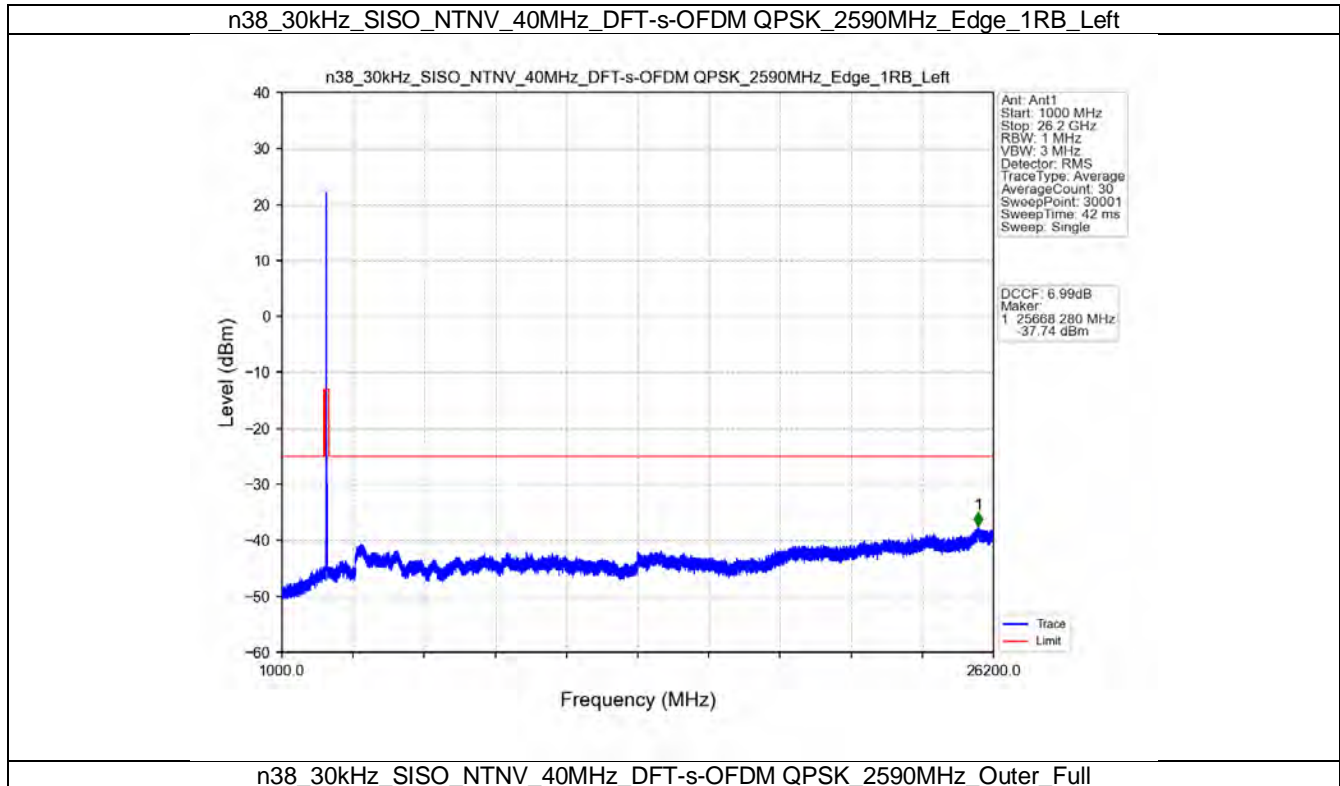


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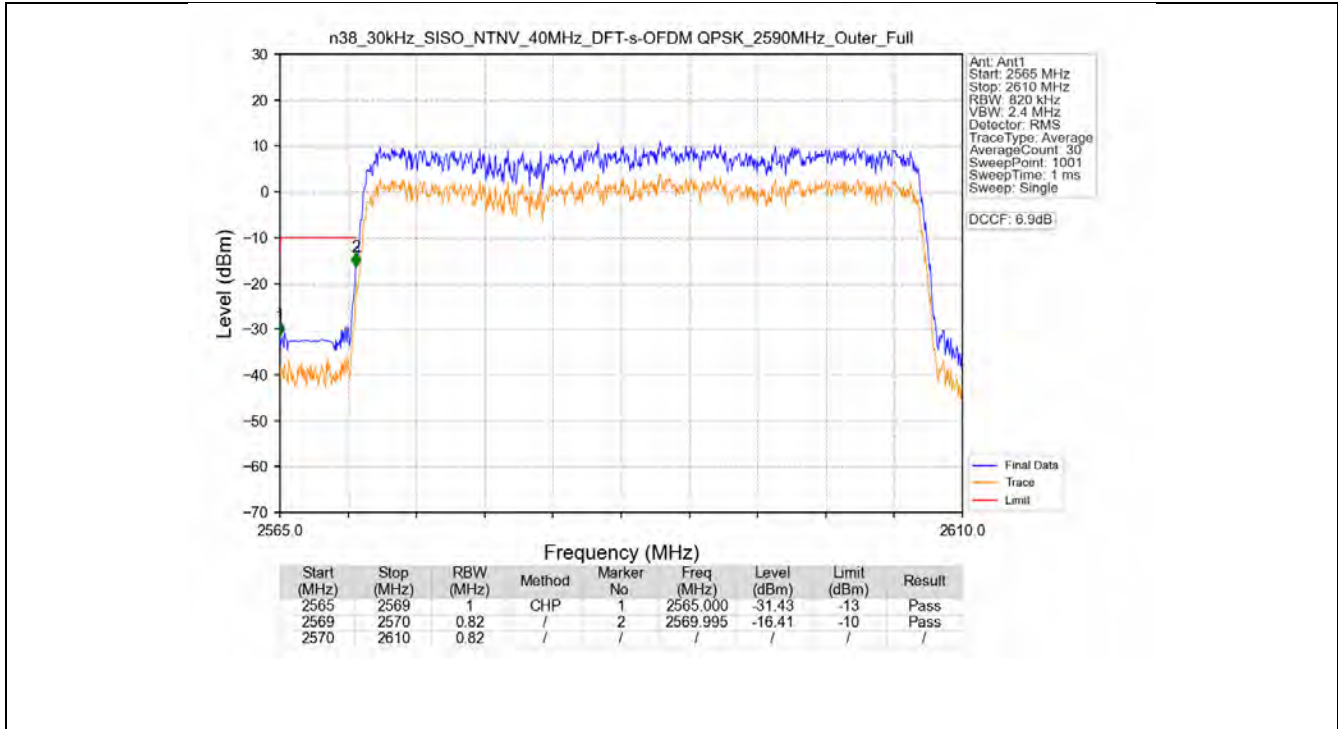


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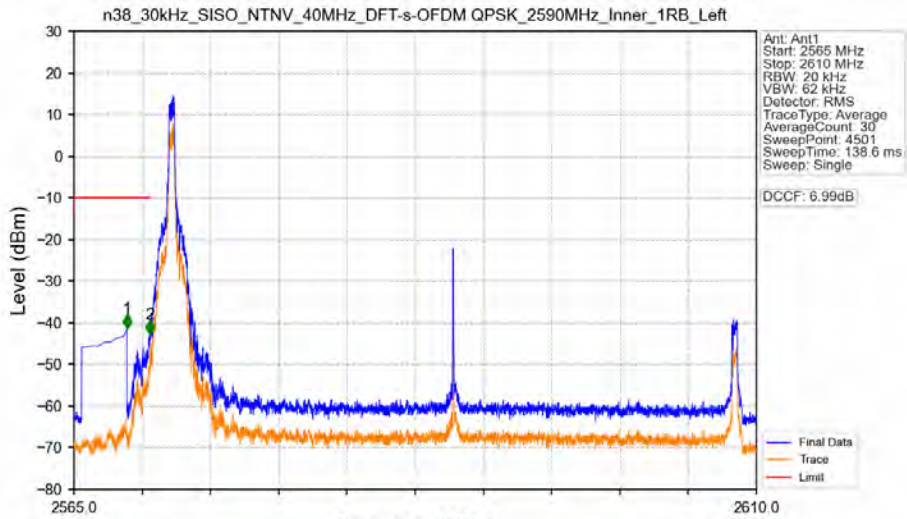
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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Inner_1RB_Left



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.490 | -41.35 | -10 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2570.000 | -42.74 | -10 | Pass |
| 2570 | 2610 | 0.02 | / | / | / | / | / | / |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left



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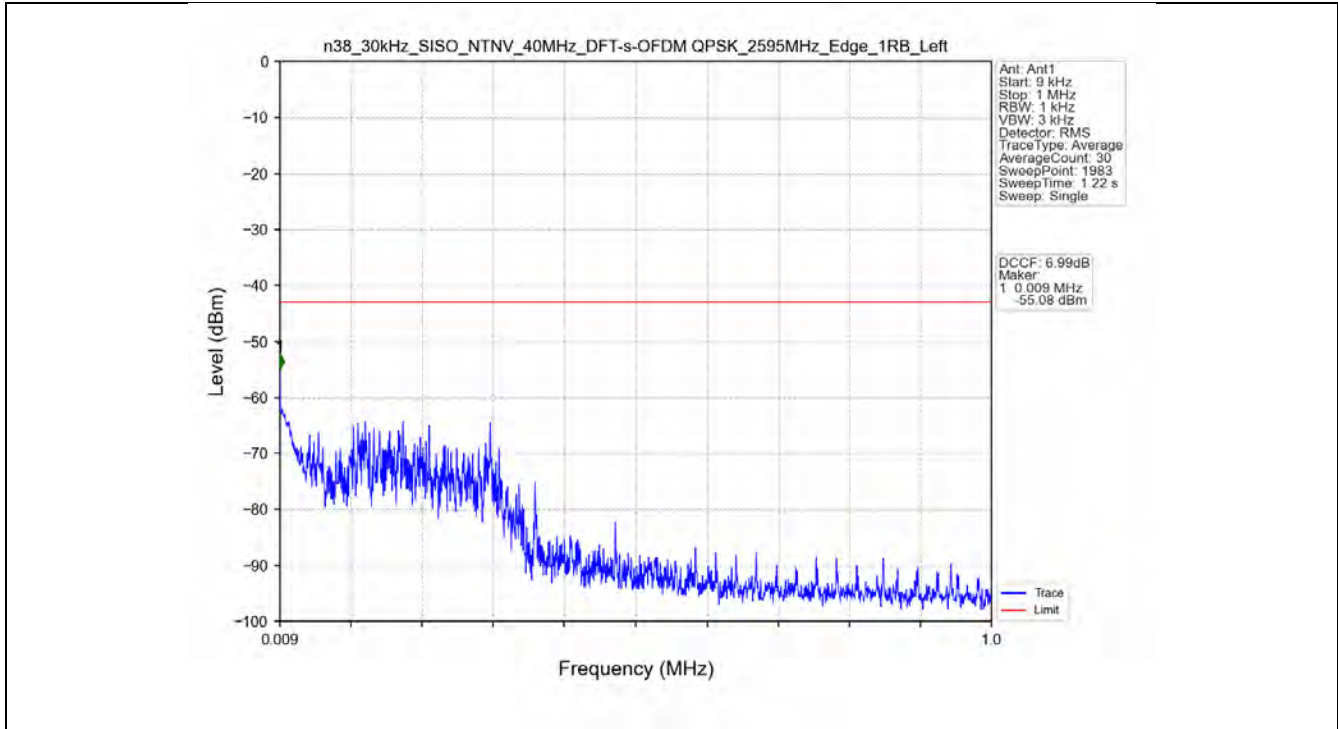


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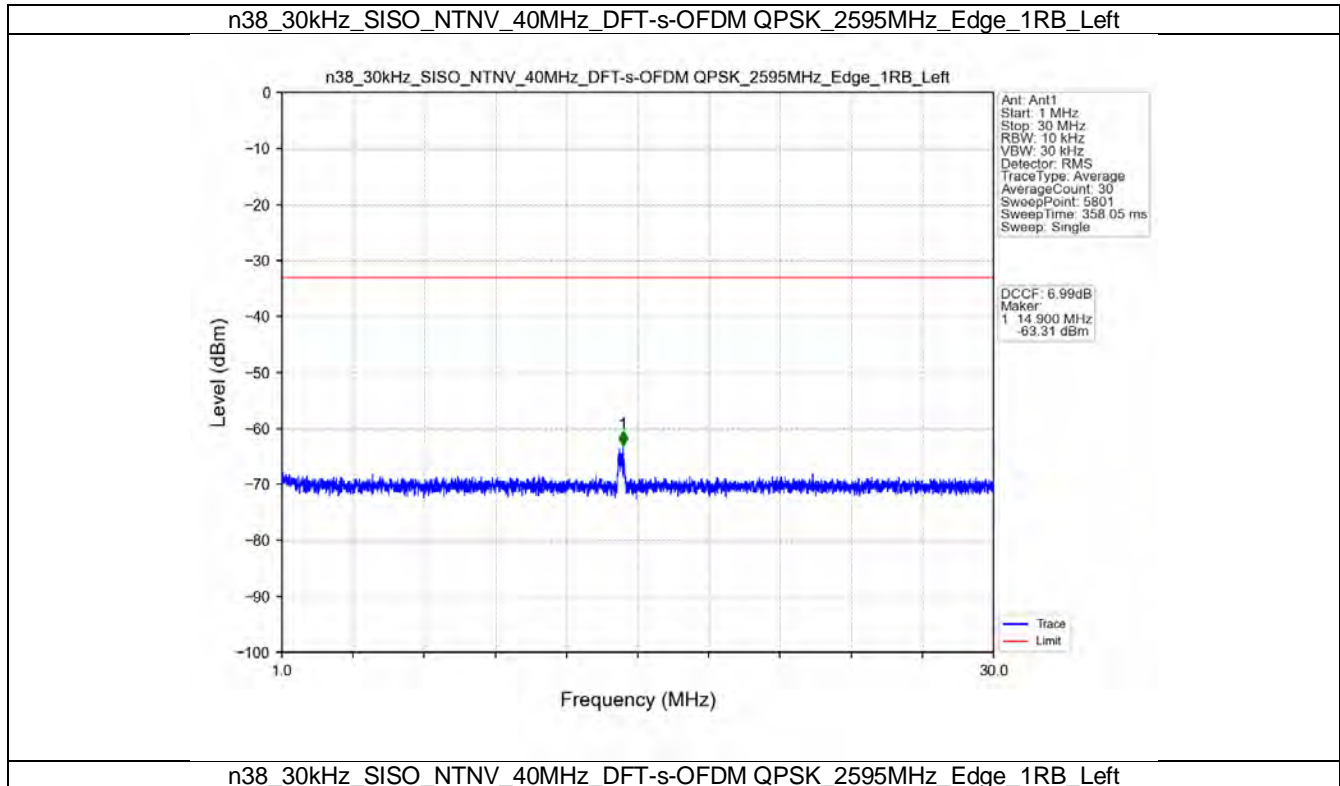


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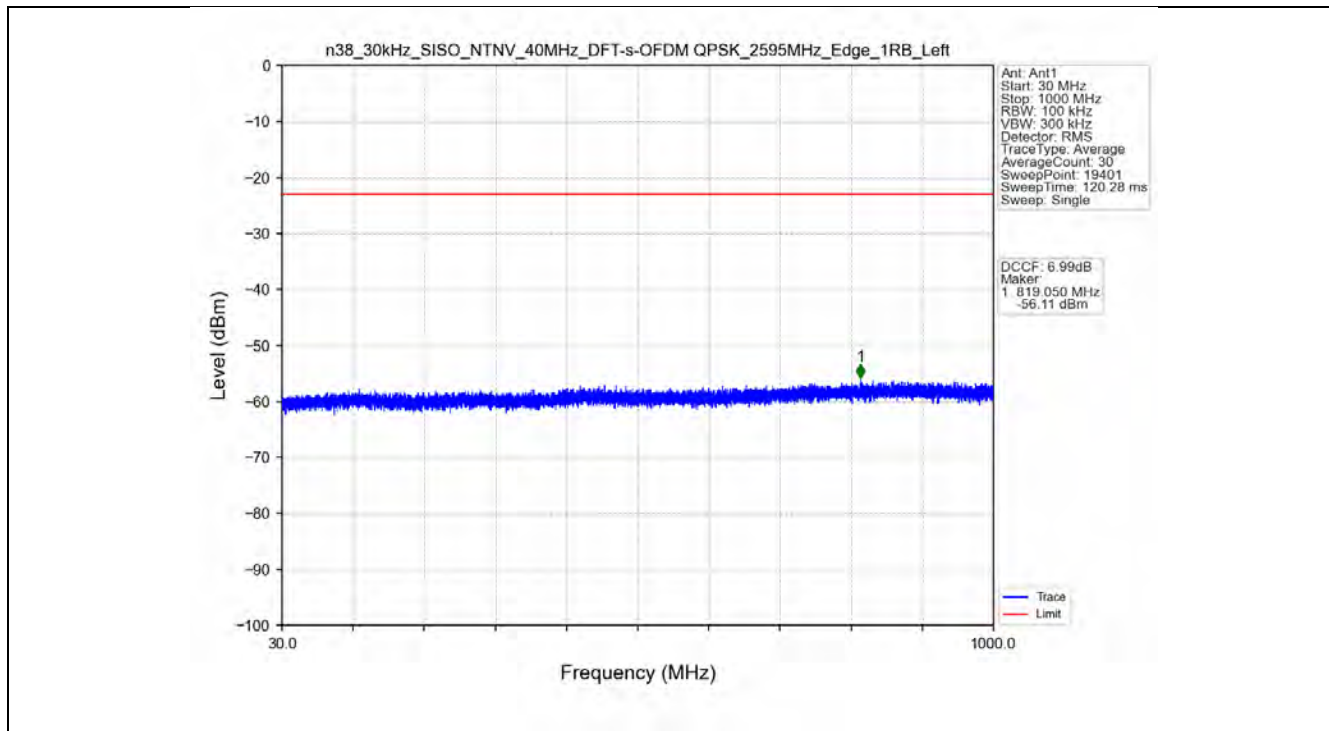
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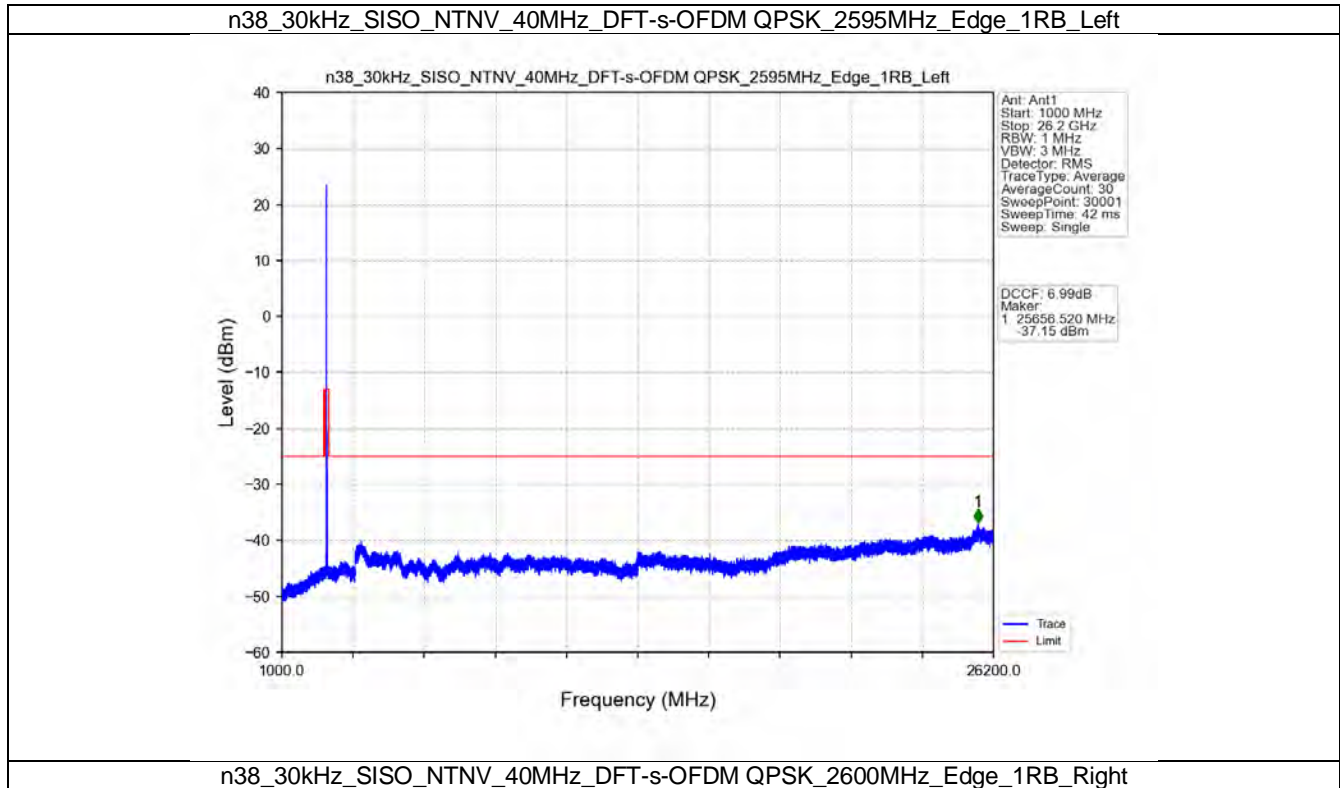


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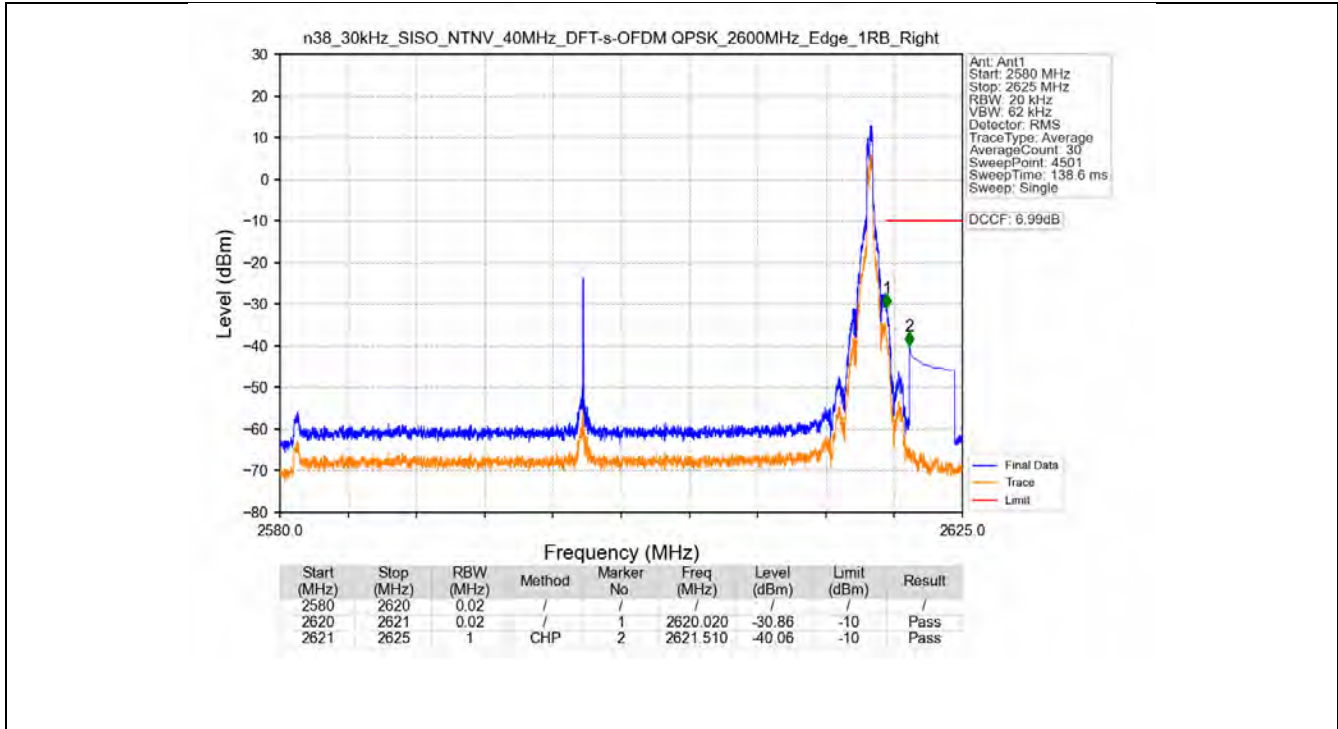


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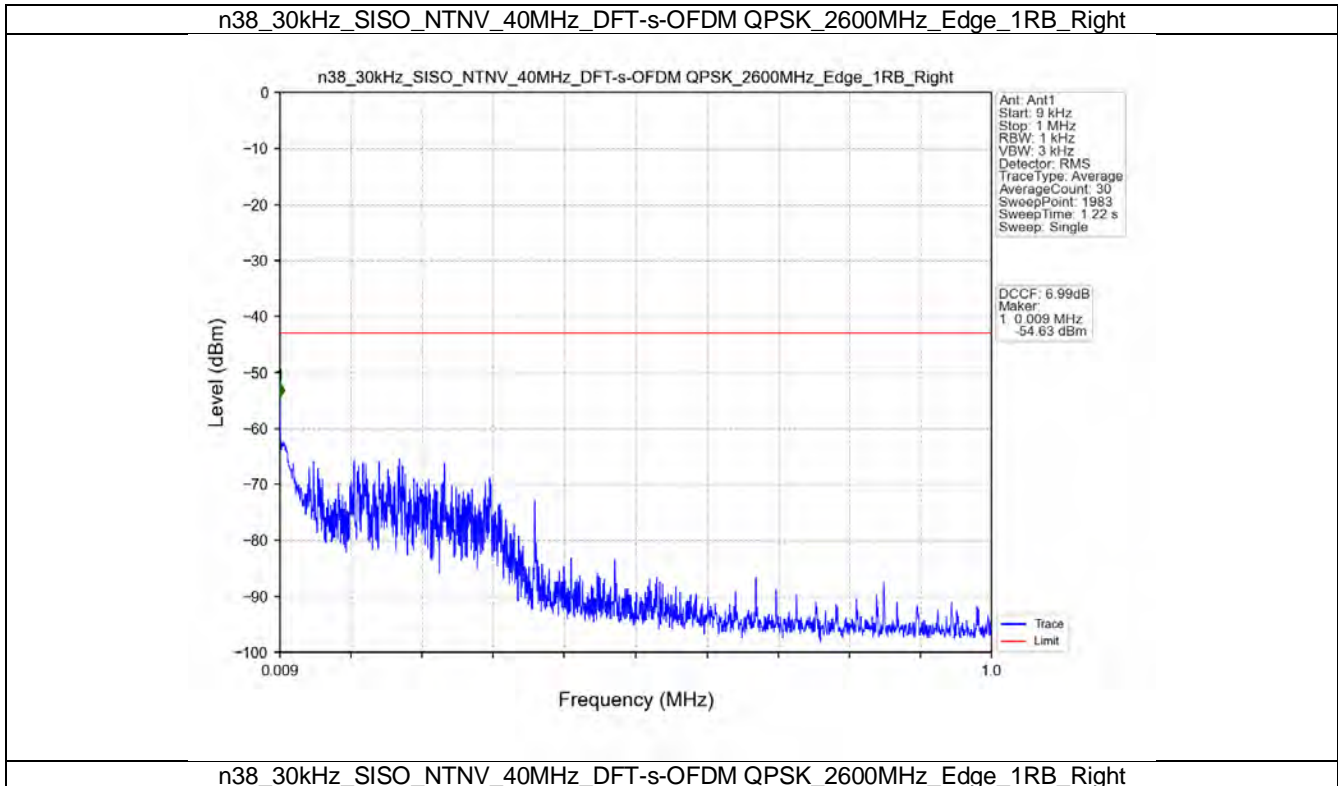


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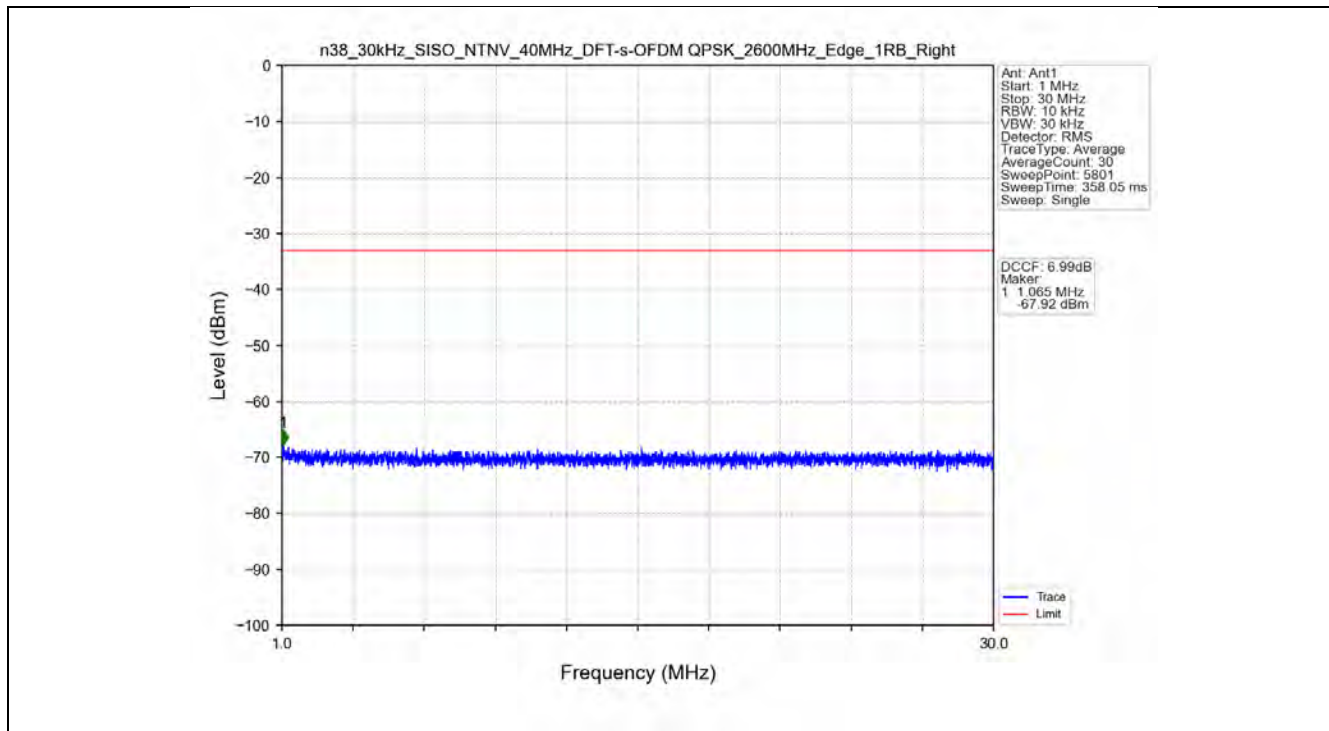
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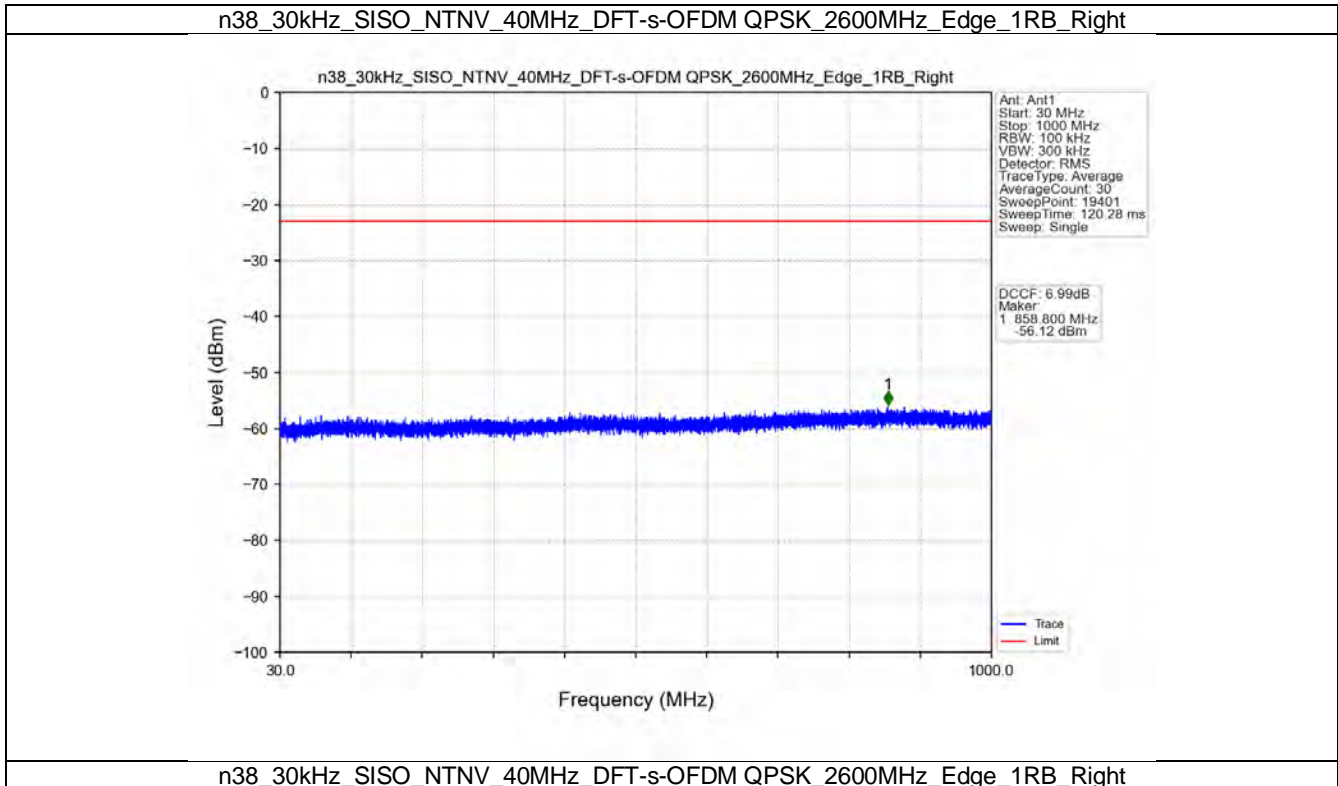


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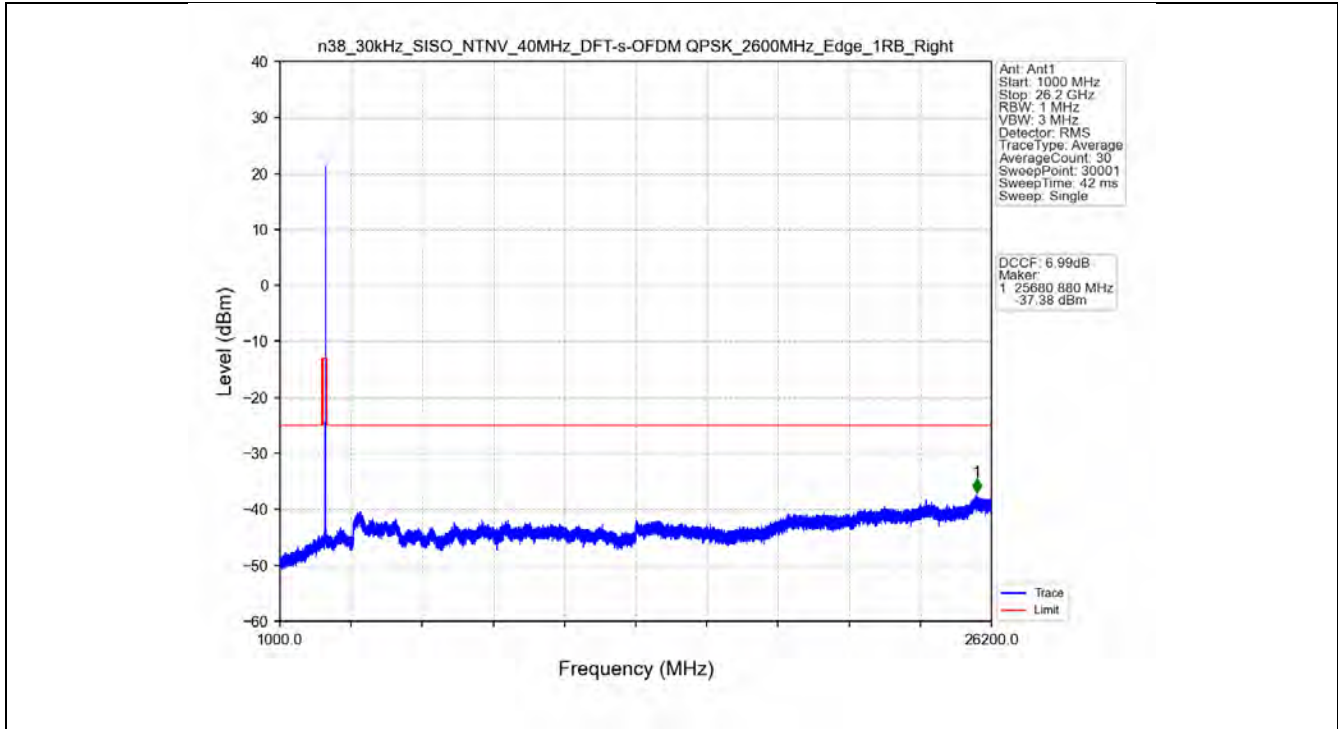


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n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2580 | 2620 | 0.82 | / | / | / | / | / | / |
| 2620 | 2621 | 0.82 | / | 1 | 2620.815 | -31.44 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.445 | -32.29 | -10 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2600MHz_Inner_1RB_Right



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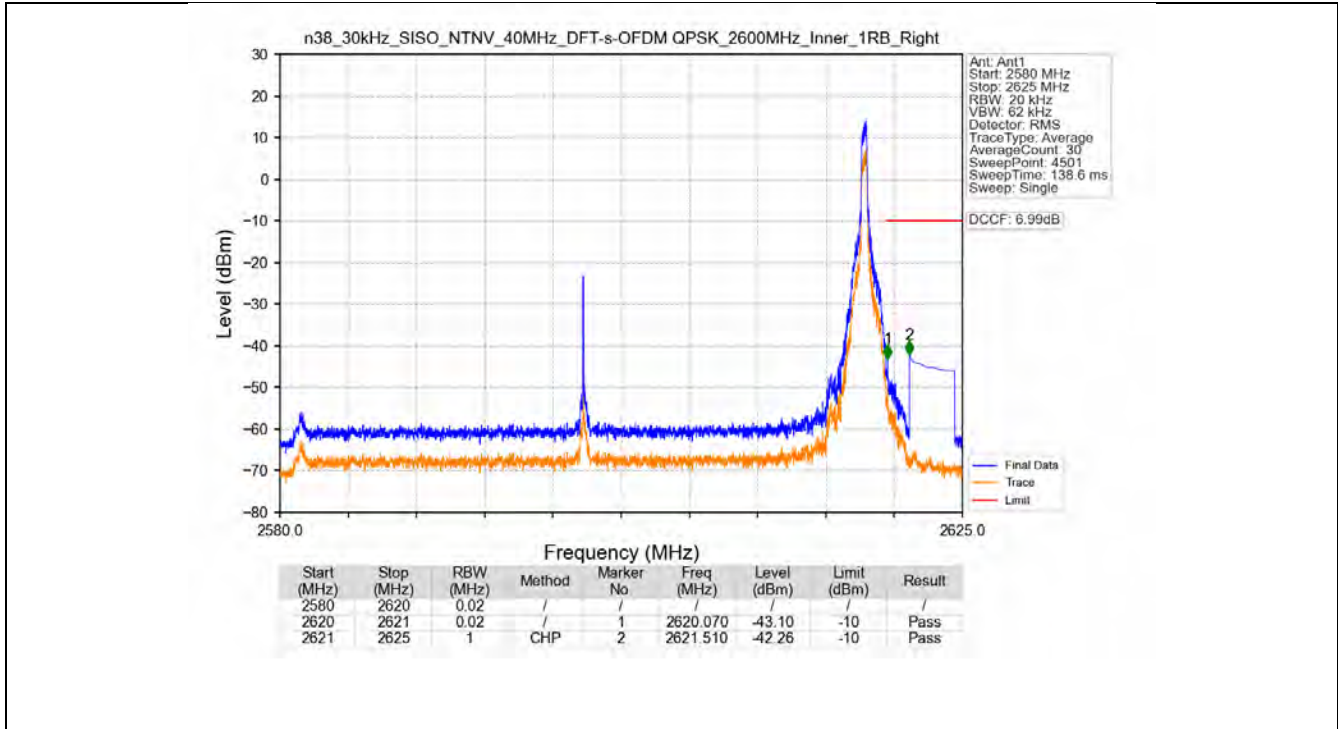


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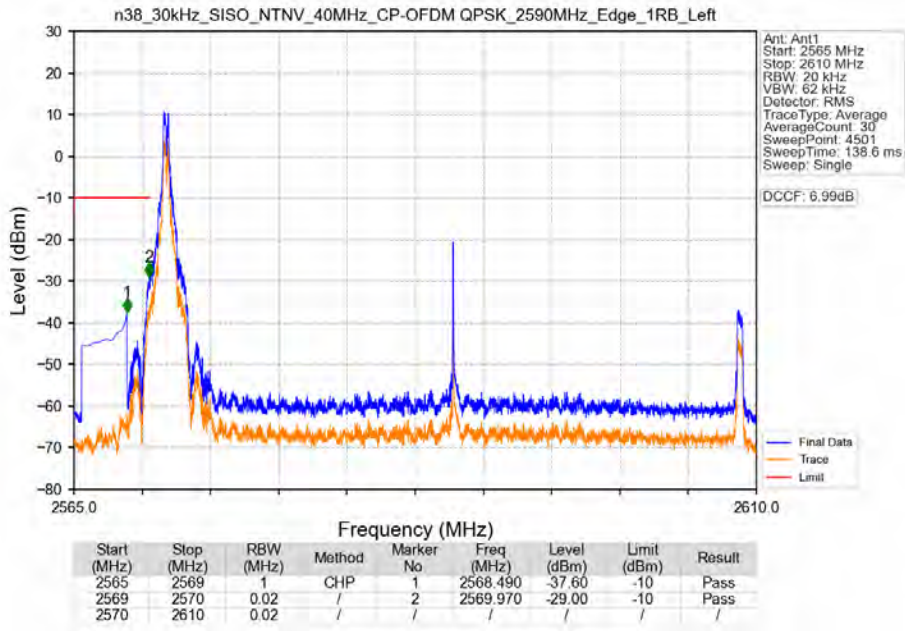
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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Edge_1RB_Left



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Edge_1RB_Left



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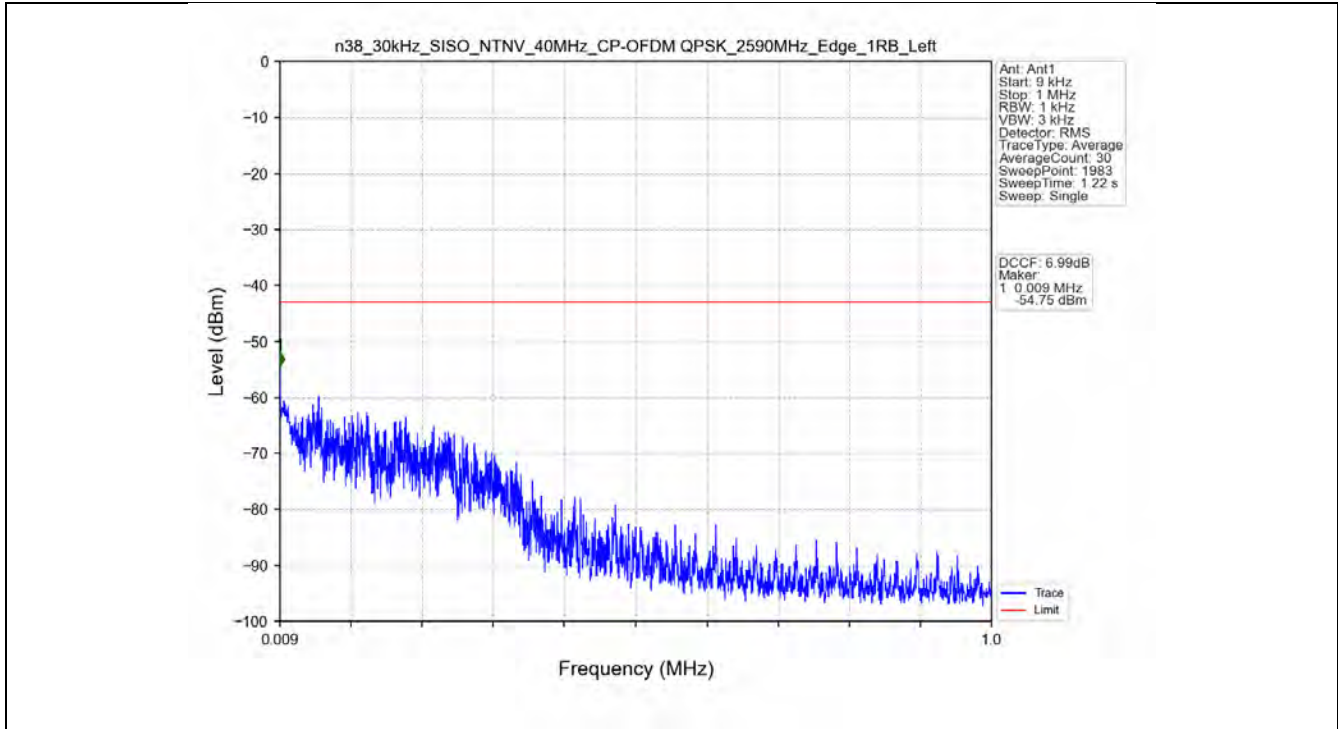


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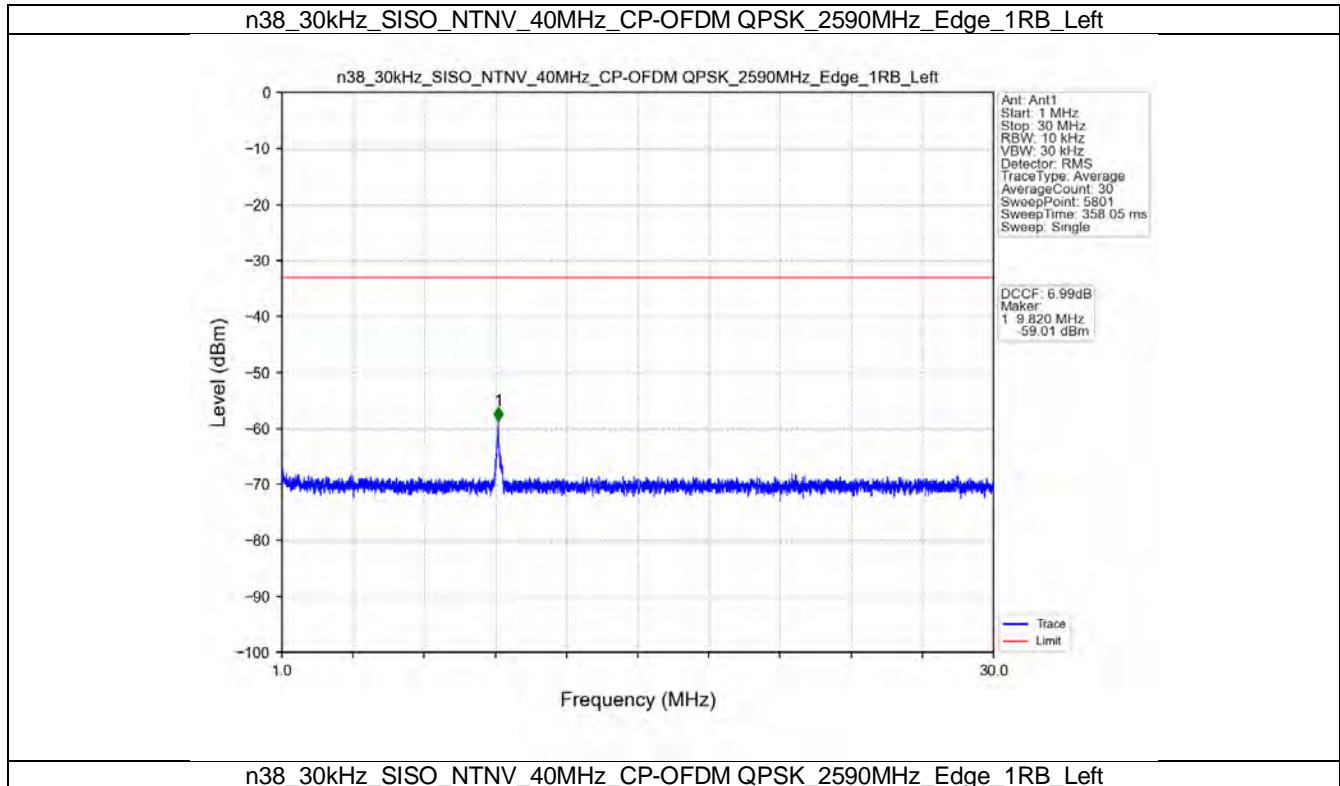


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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Edge_1RB_Left



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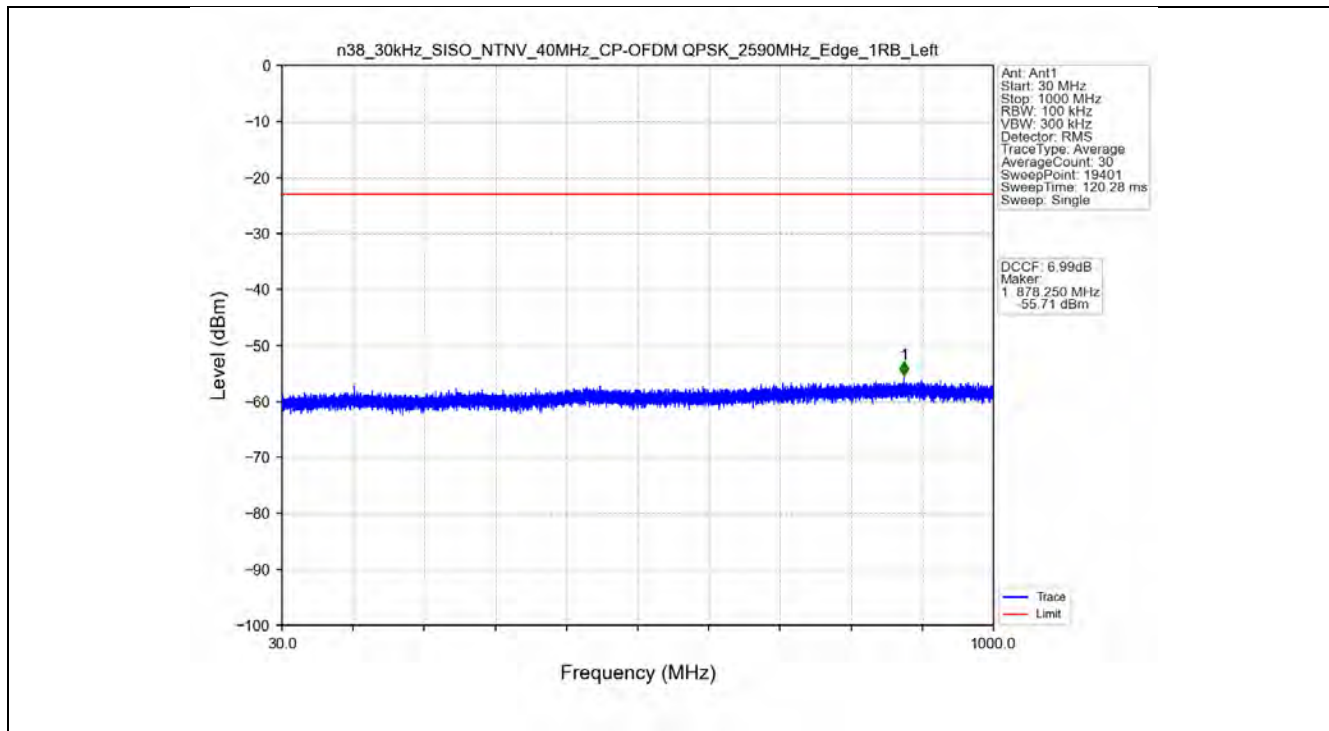
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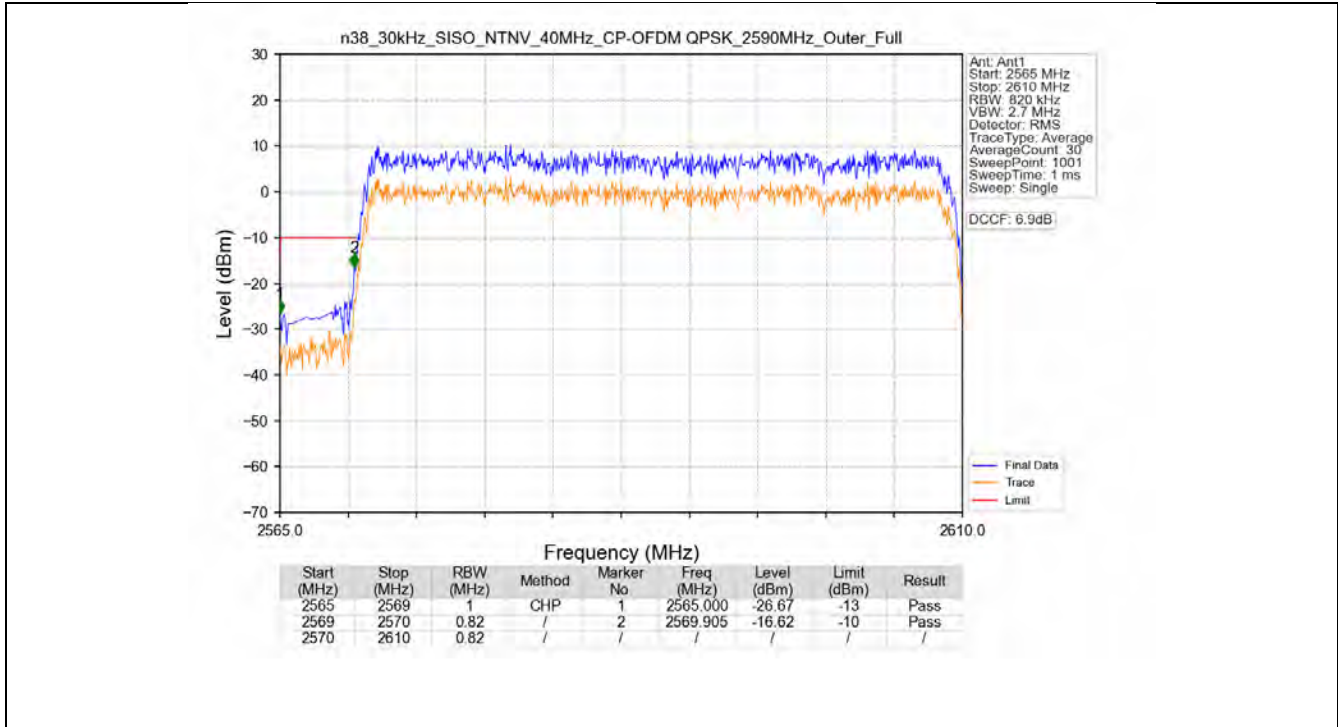


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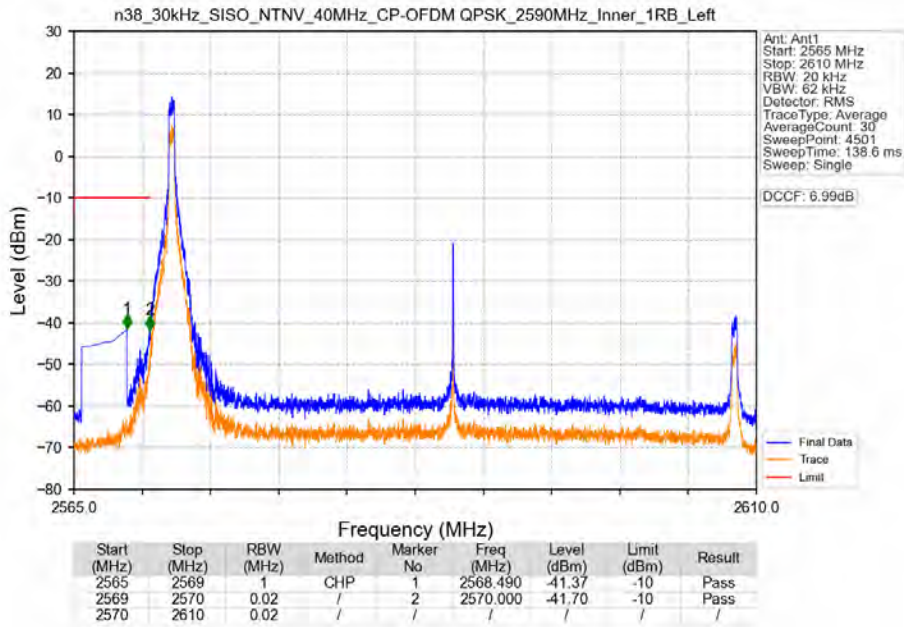
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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Inner_1RB_Left



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left



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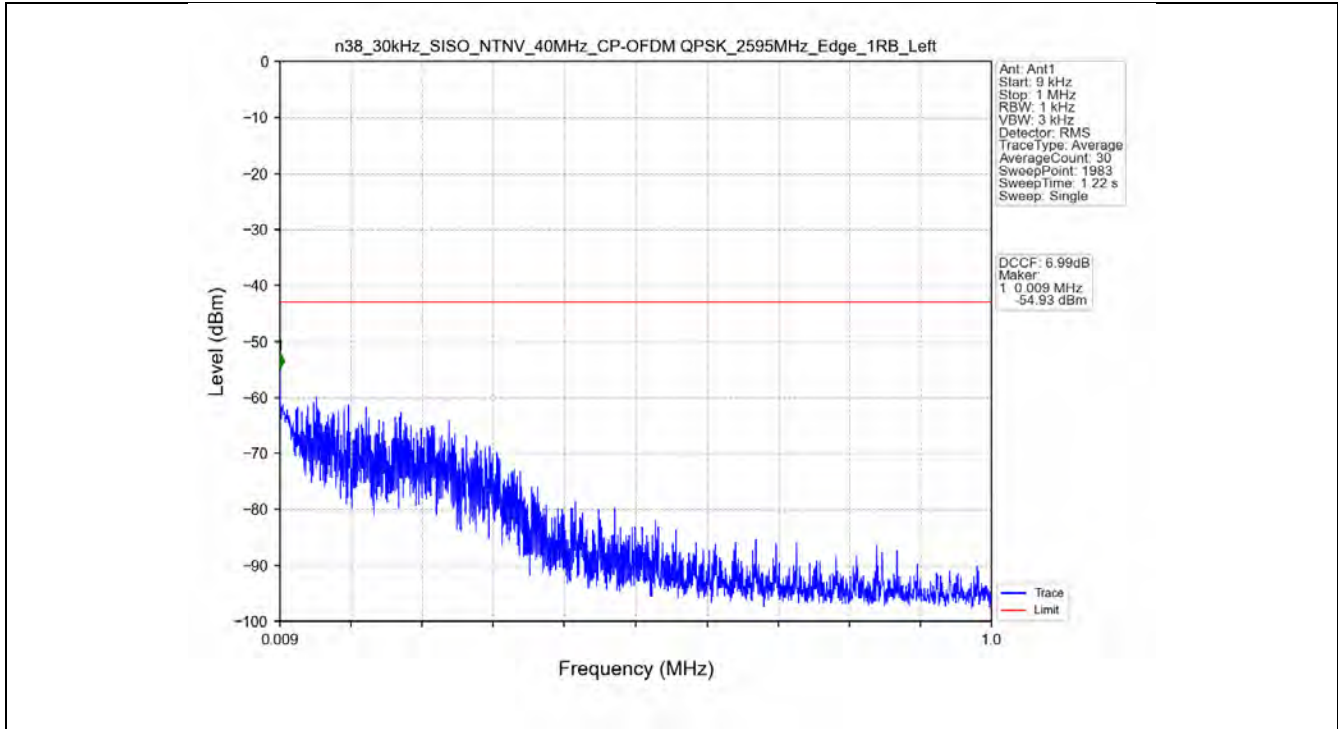


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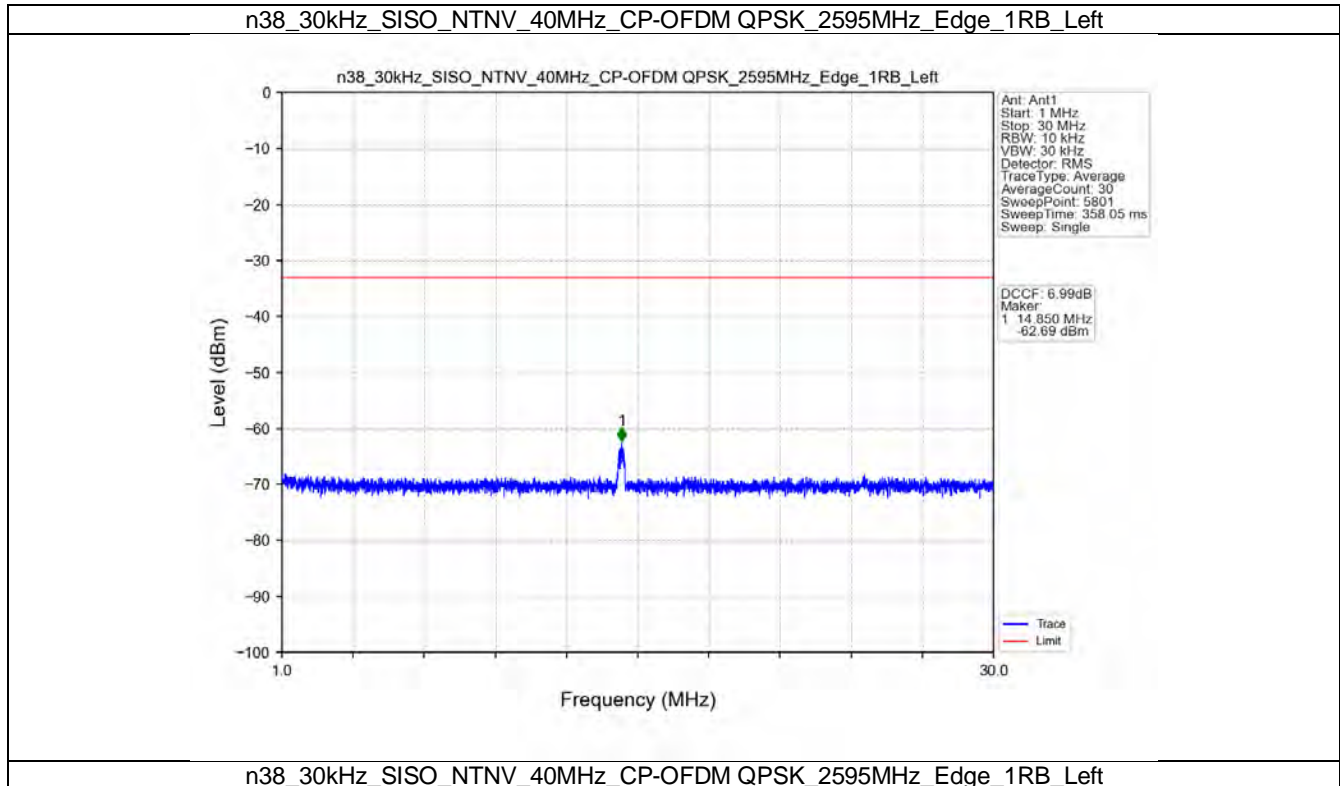


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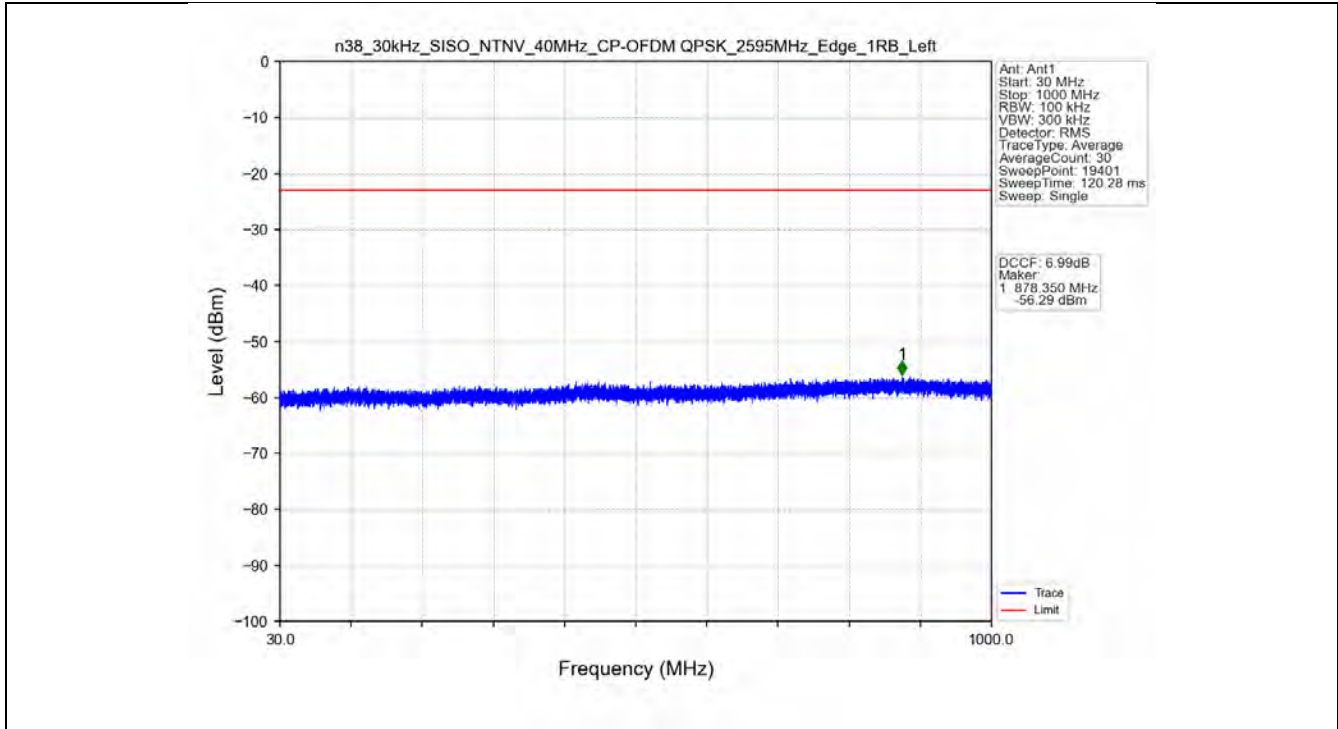


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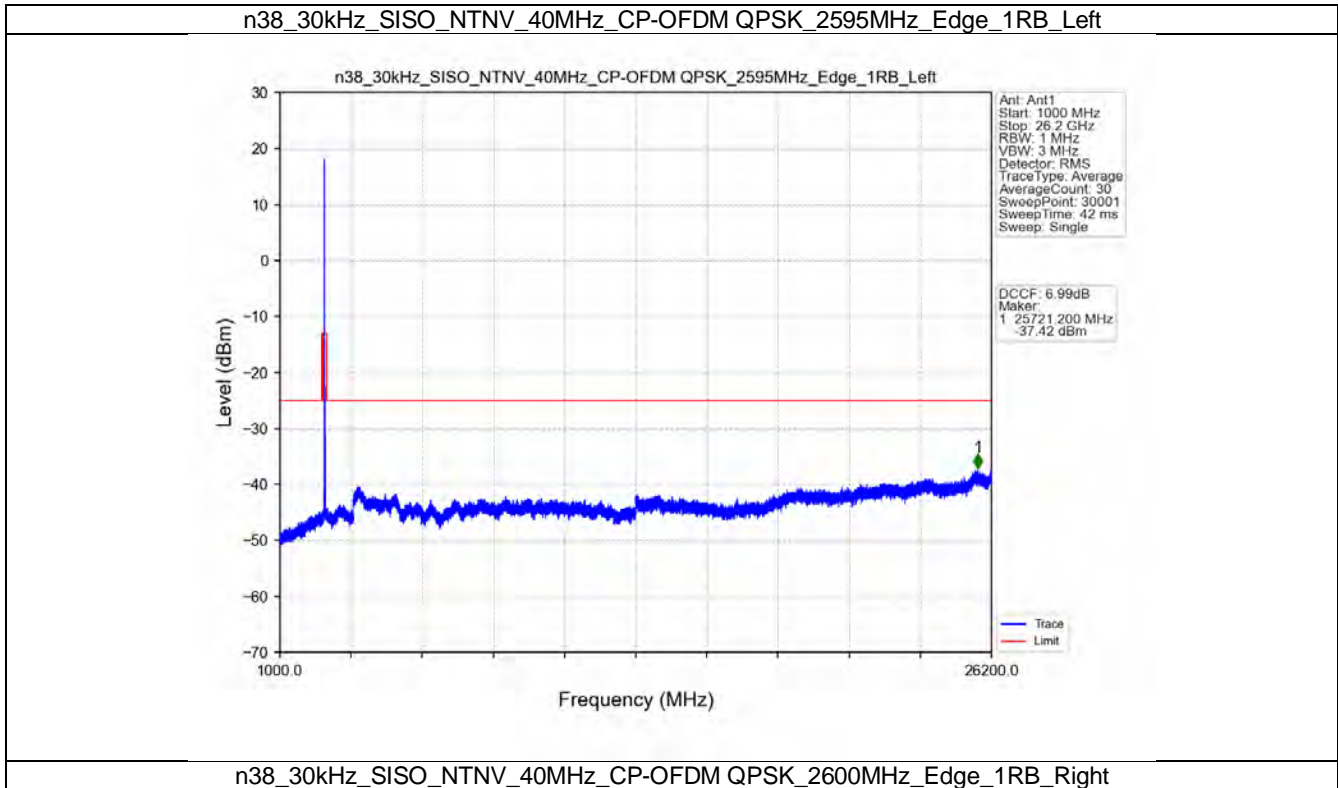


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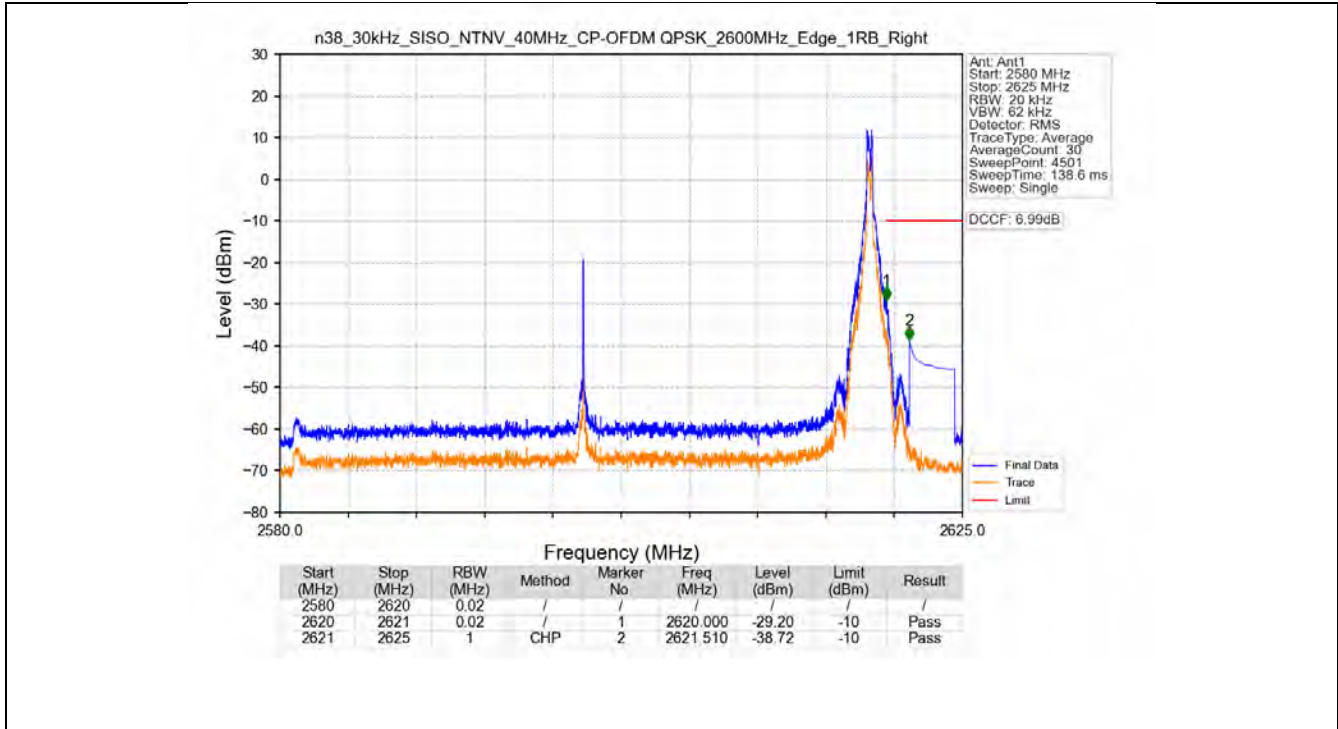


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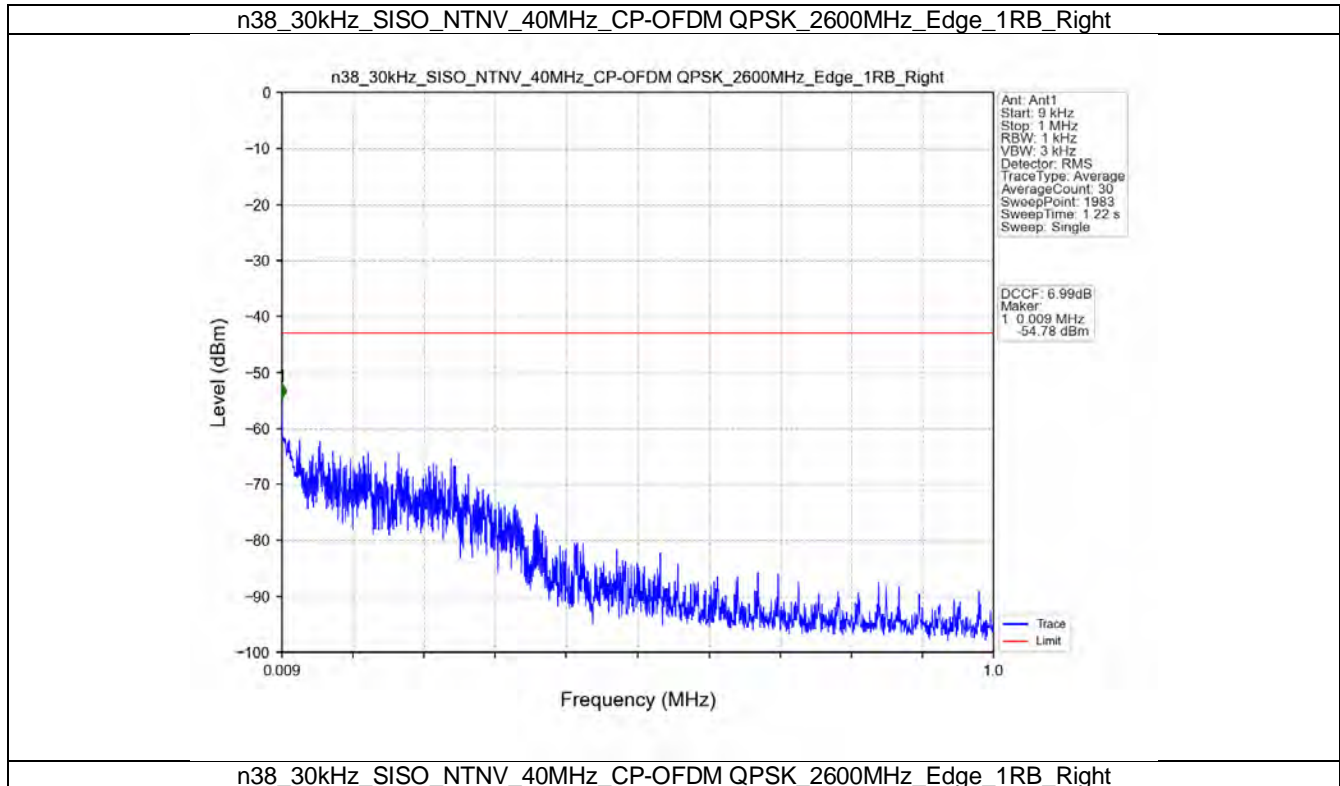


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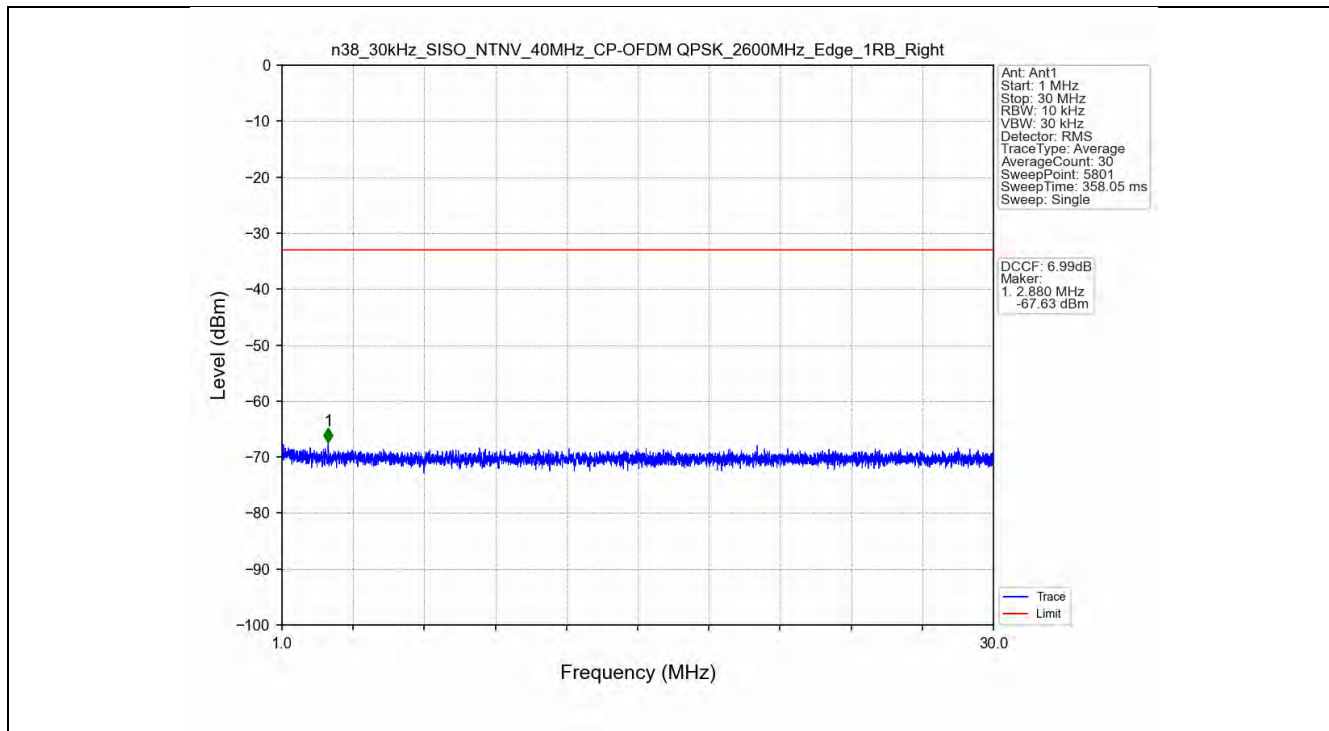
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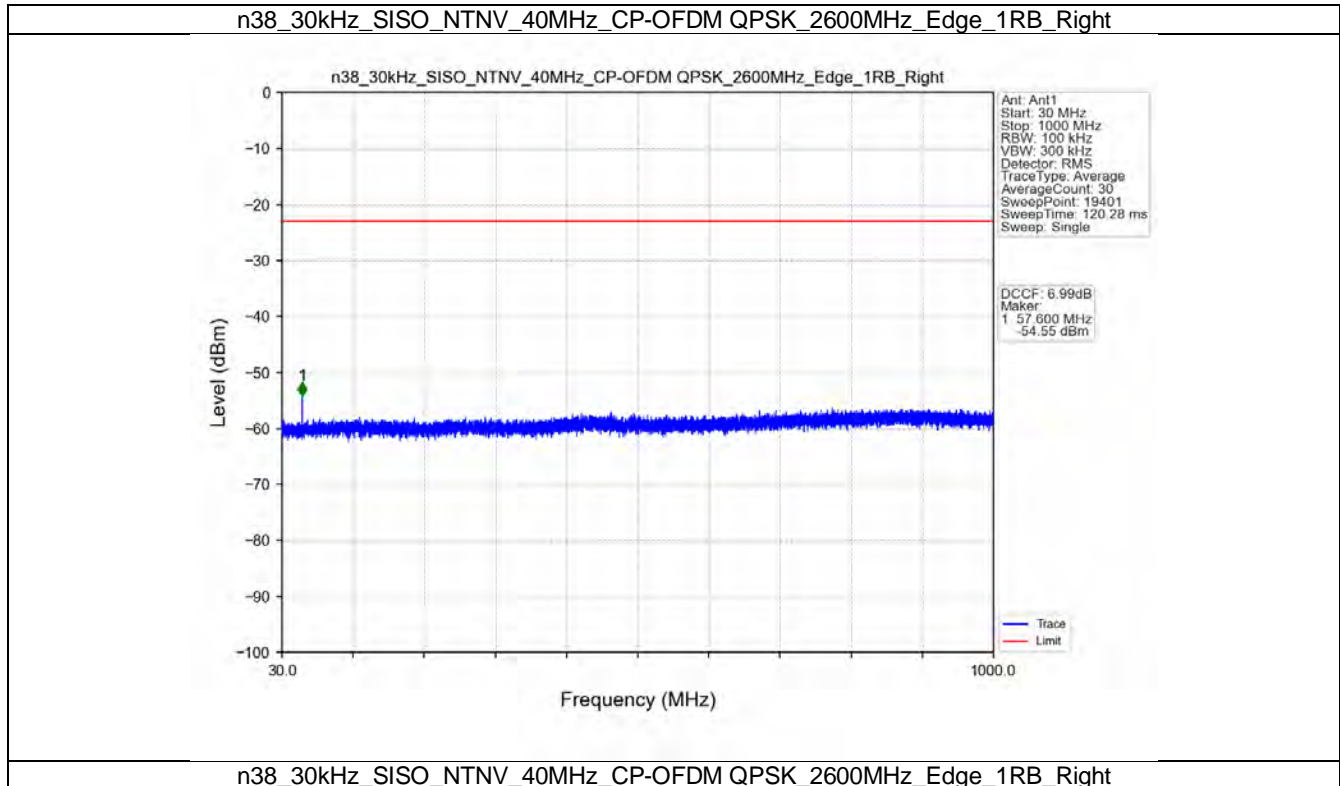


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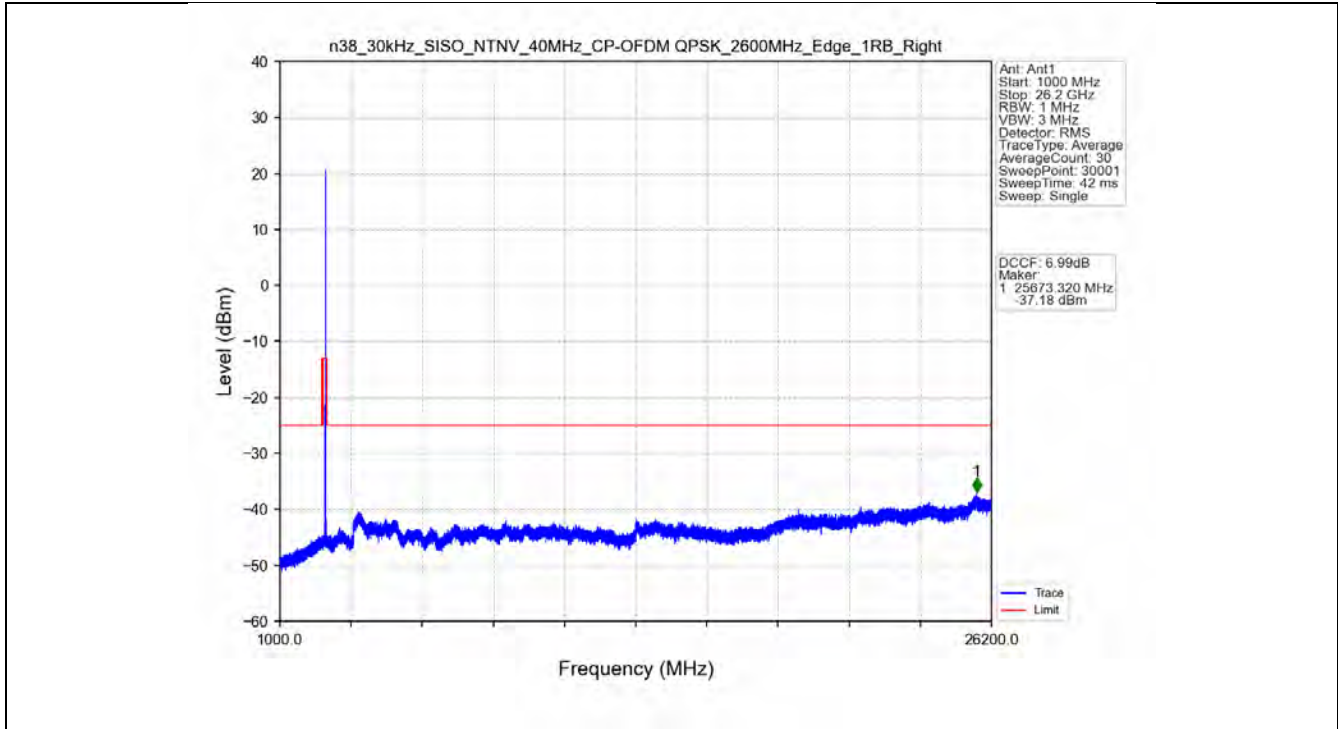


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n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2600MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2580 | 2620 | 0.82 | / | / | / | / | / | / |
| 2620 | 2621 | 0.82 | / | 1 | 2620.050 | -19.41 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.265 | -24.55 | -10 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2600MHz_Inner_1RB_Right



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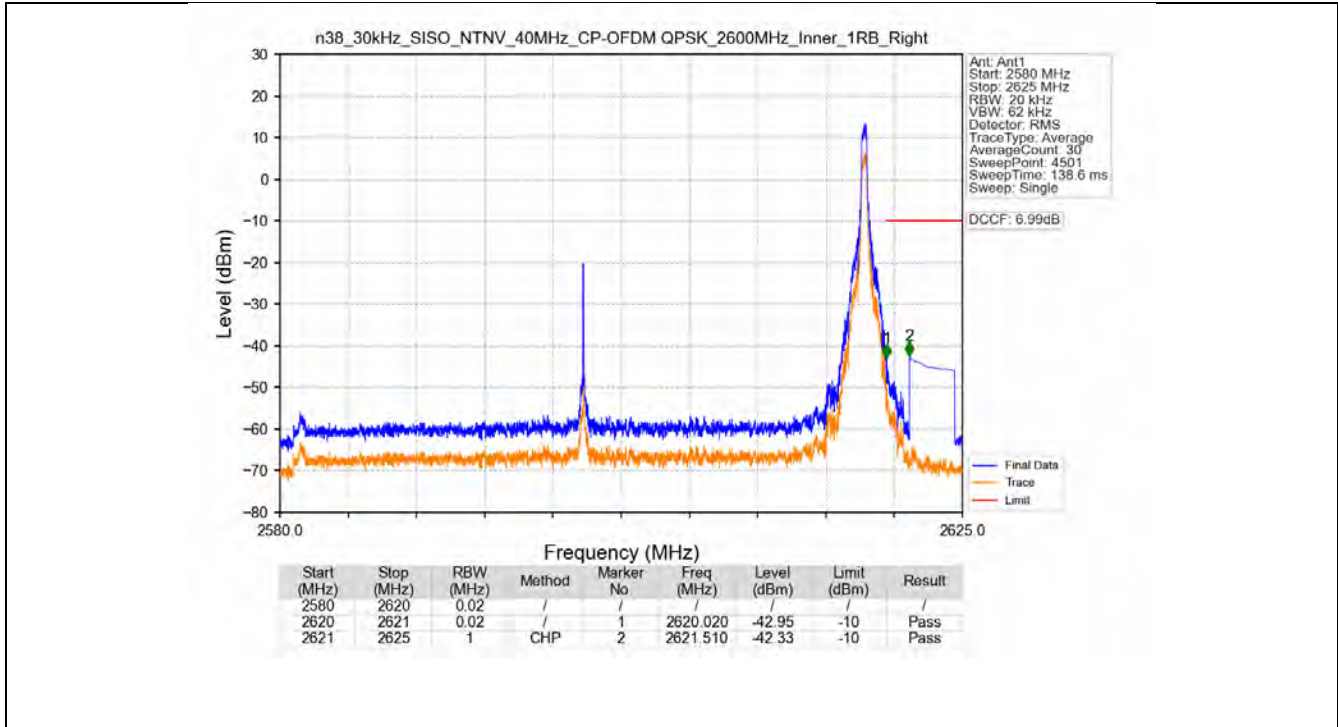


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5.4 30k_MIMO_20MHz_NTNV

5.4.1 Test Result

| 5G NR n38 SCS=30kHz MIMO 20MHz NTNv | | | | | | | |
|-------------------------------------|---------------------|---------------------|---------------------|------|------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| CP-OFDM QPSK | 2580 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2610 | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | Outer_Full | Refer To Test Graph | | | | Pass | |
| | | Refer To Test Graph | | | | Pass | |
| | | Refer To Test Graph | | | | Pass | |
| | | Refer To Test Graph | | | | Pass | |
| Inner_1RB_Right | Refer To Test Graph | | | | Pass | | |
| | Refer To Test Graph | | | | Pass | | |



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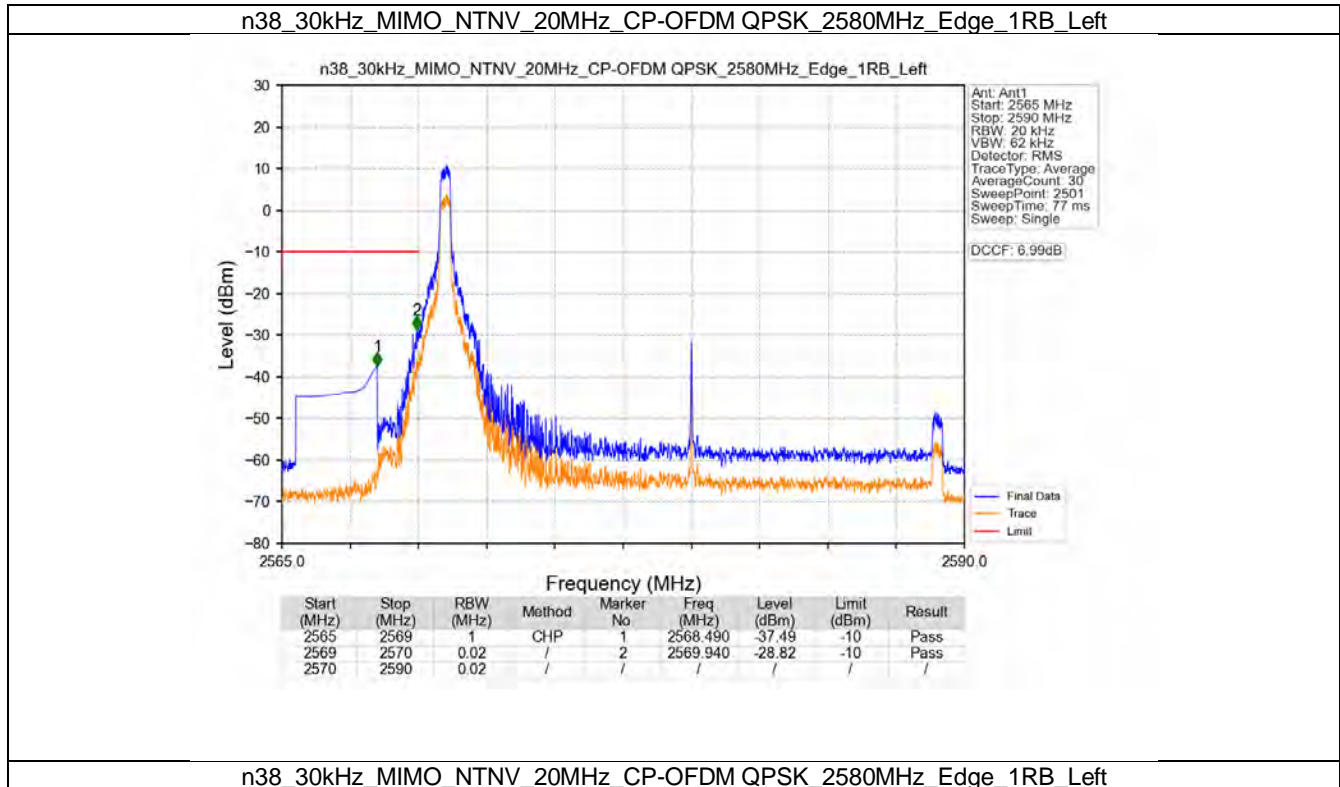
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5.4.2 Test Graph



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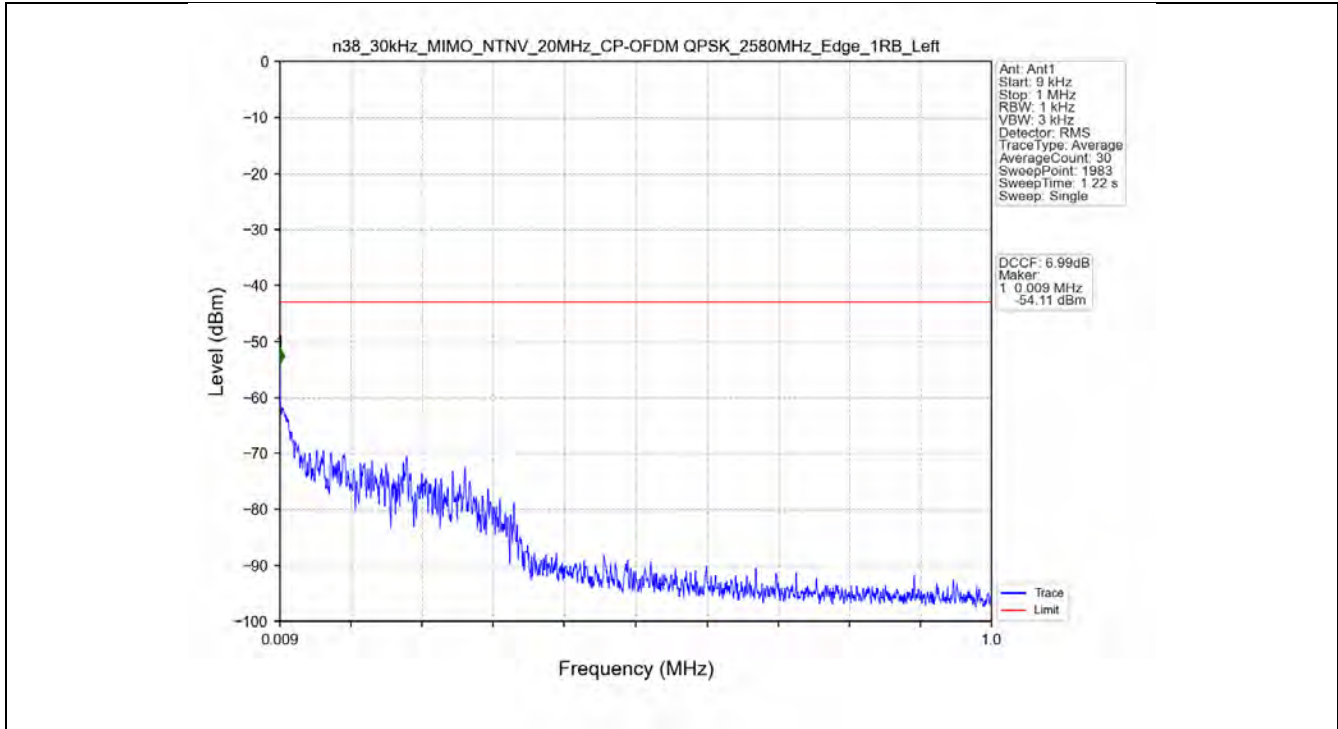


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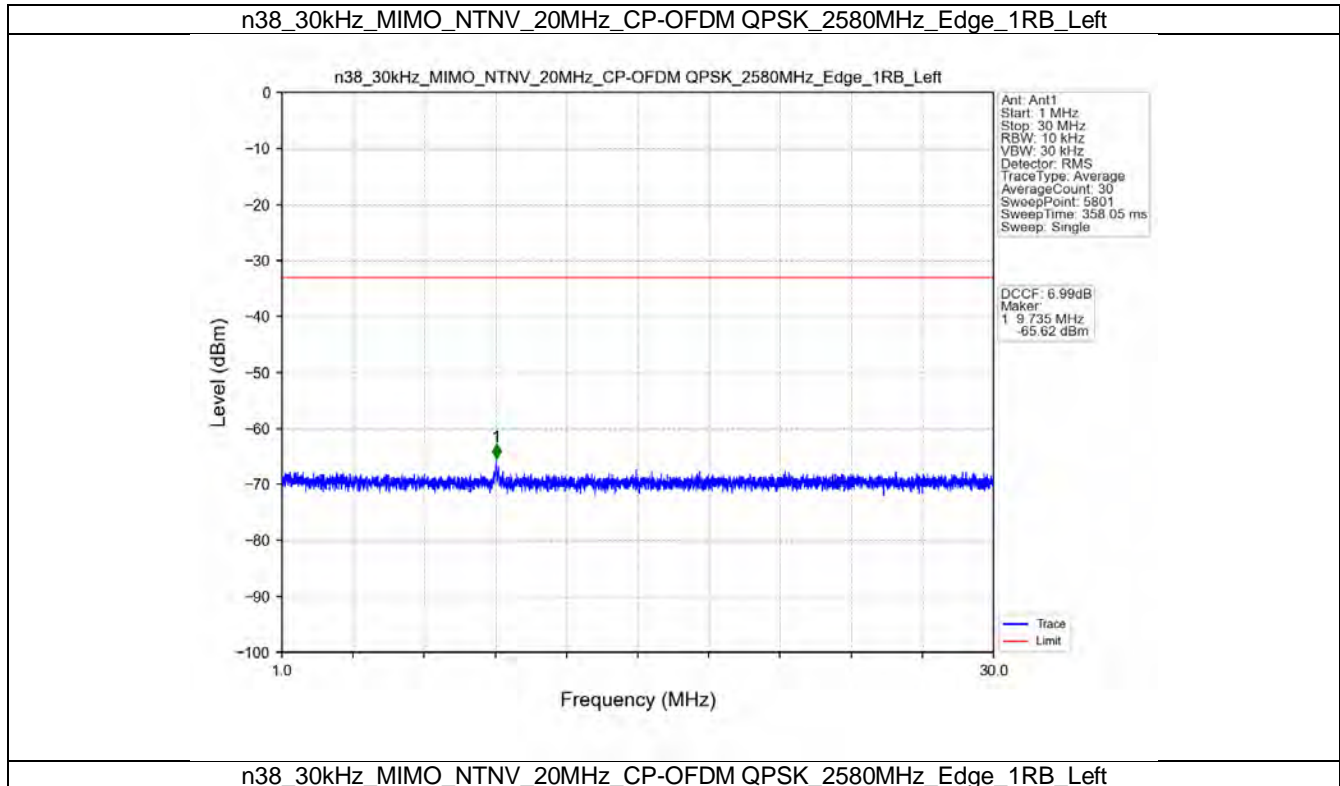


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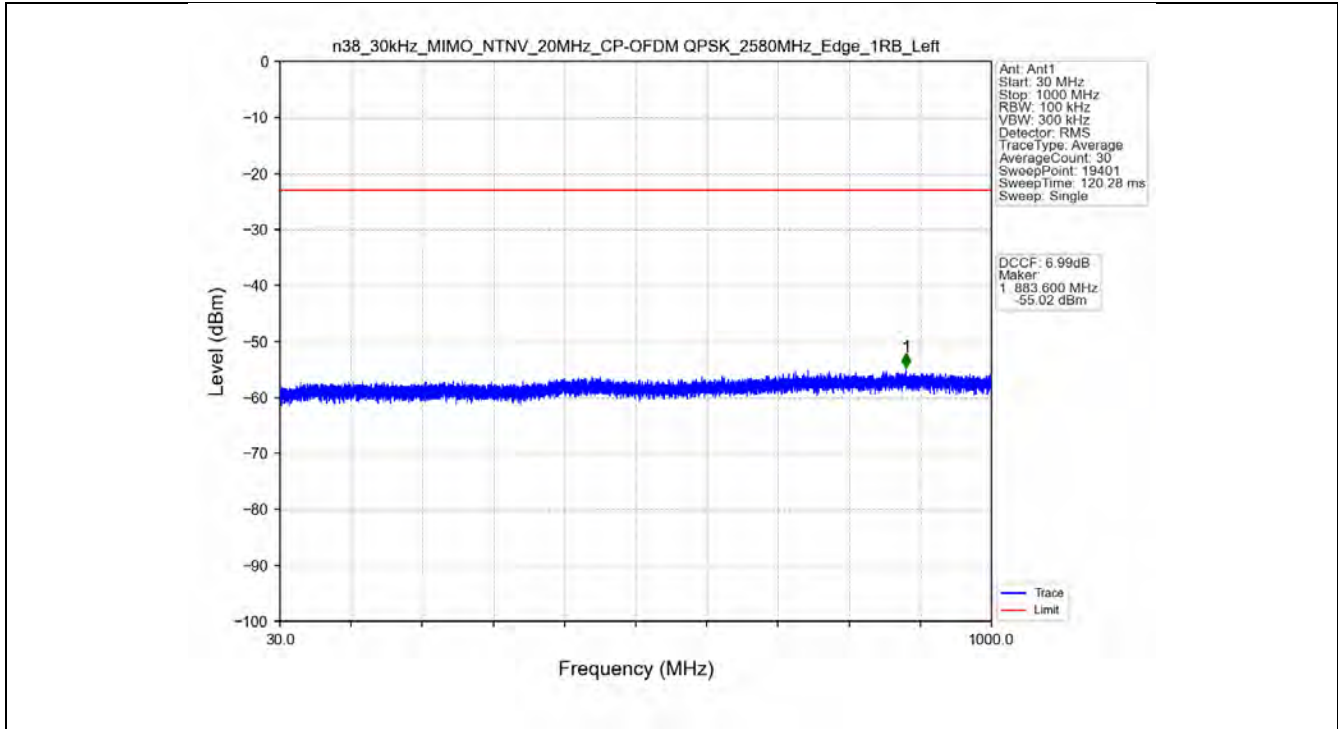


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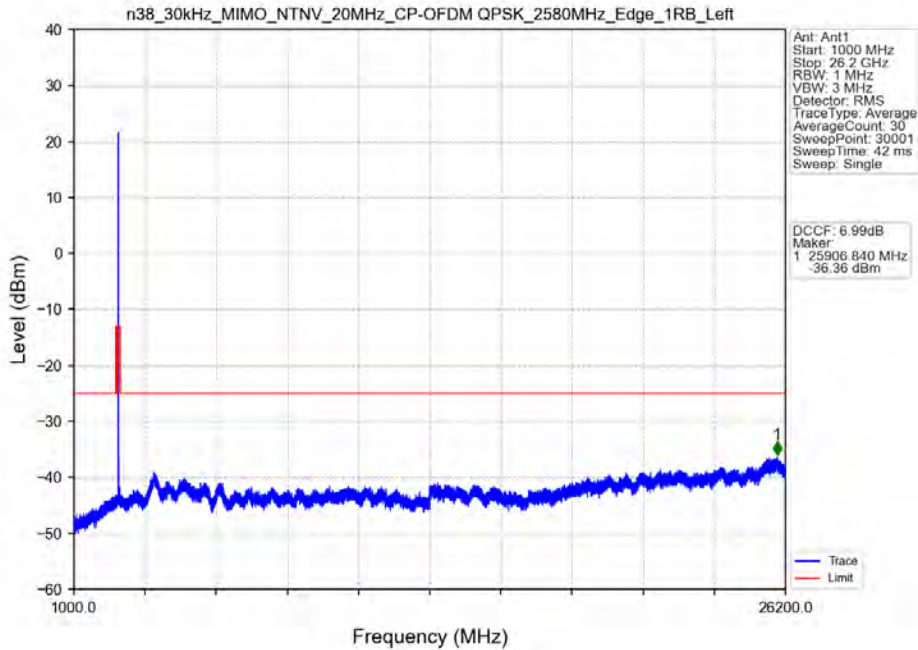
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n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



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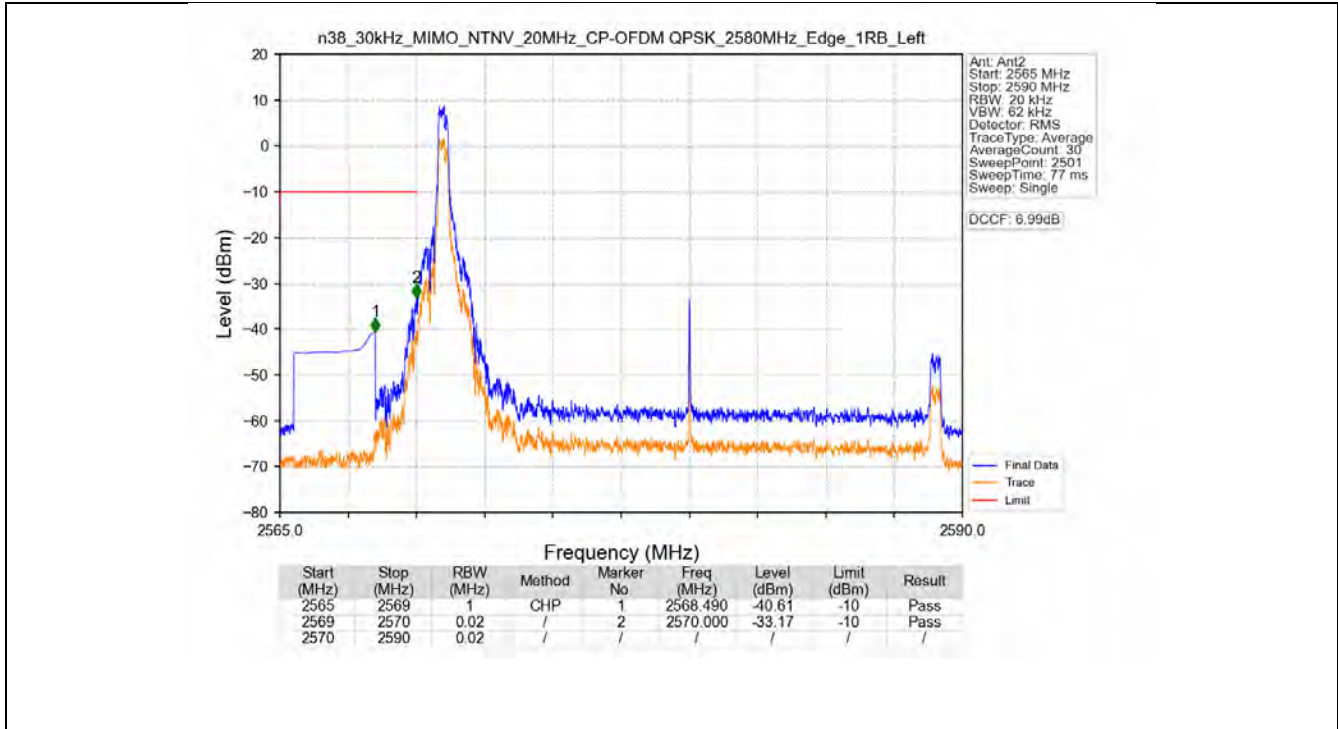


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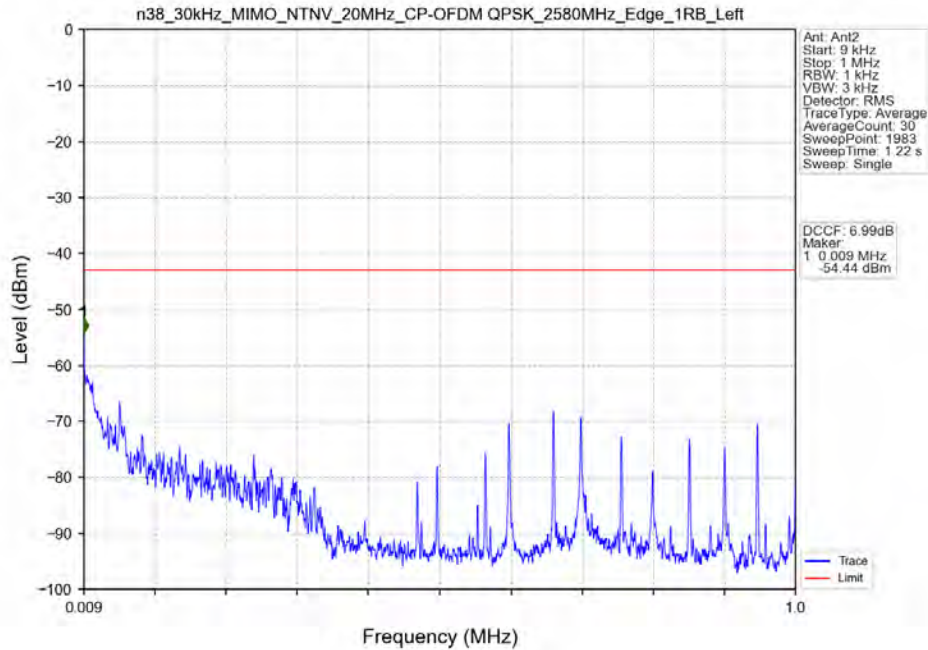
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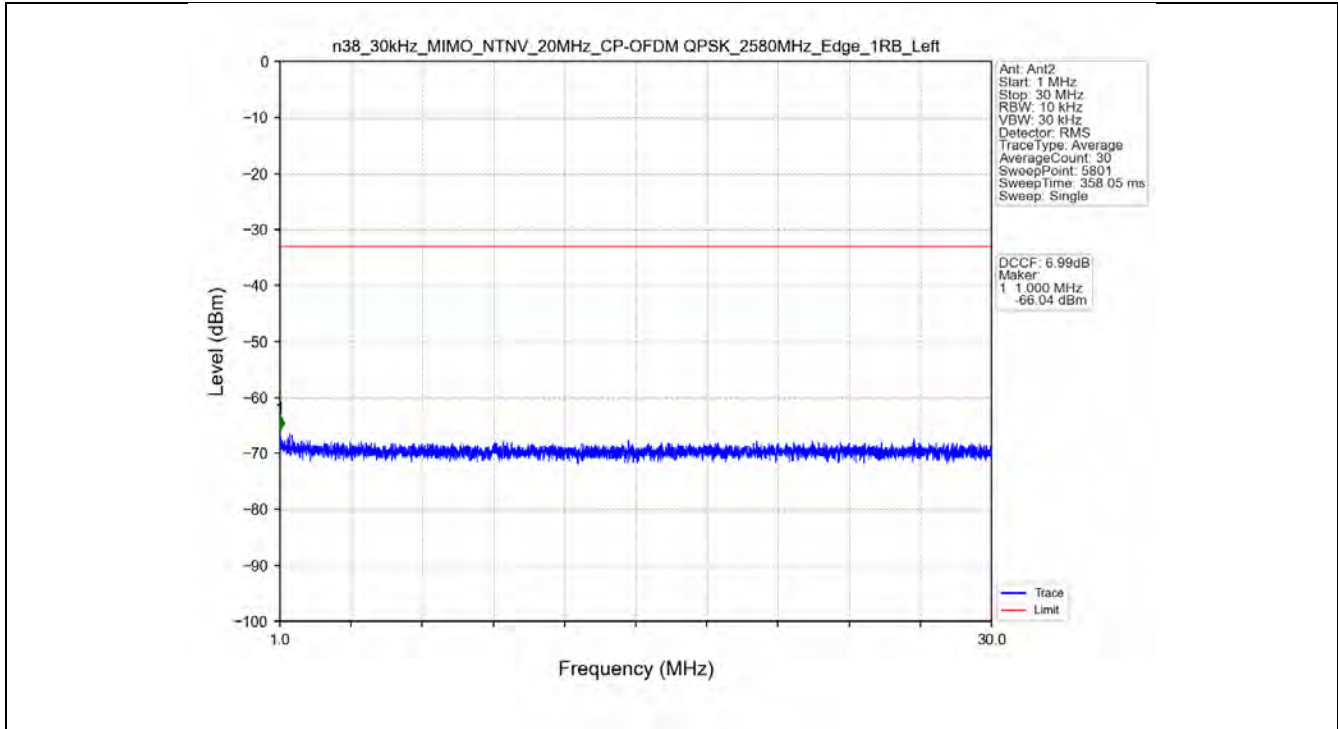


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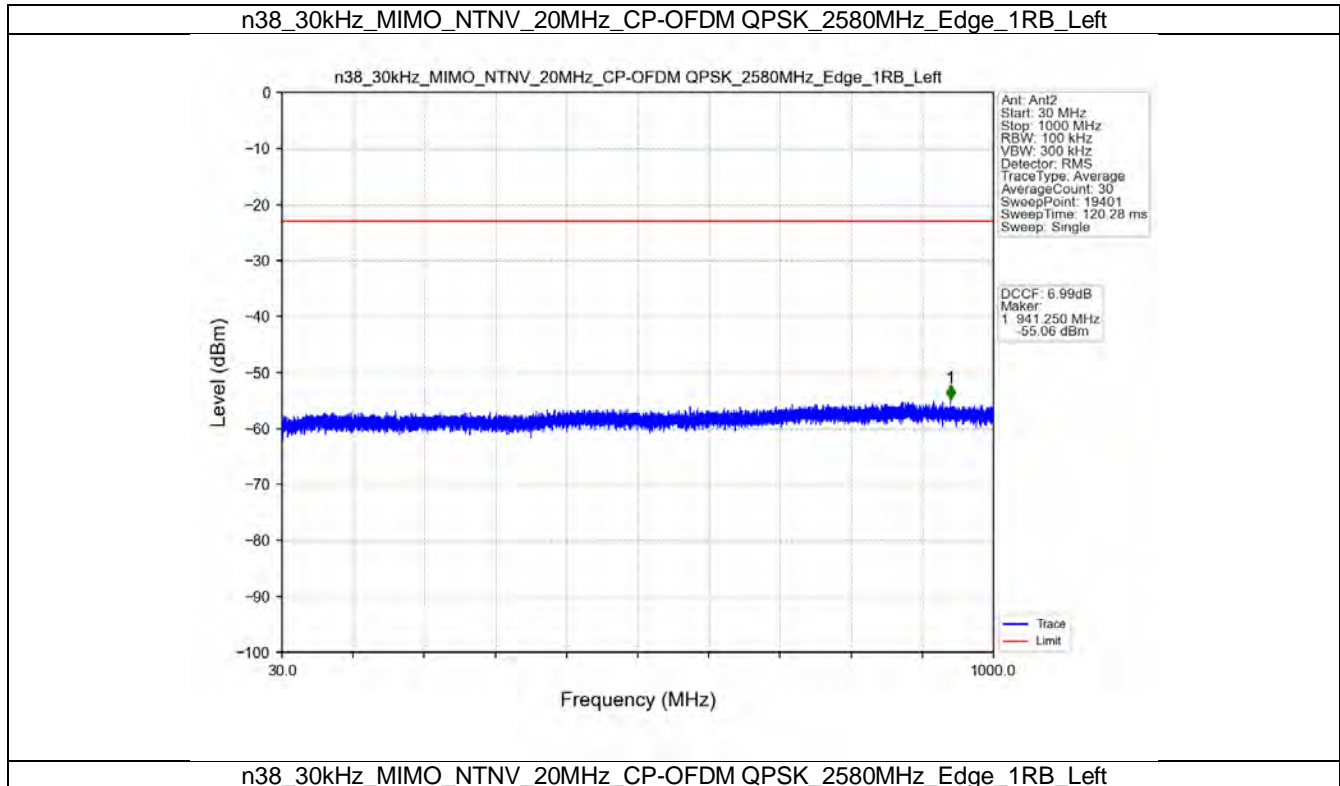


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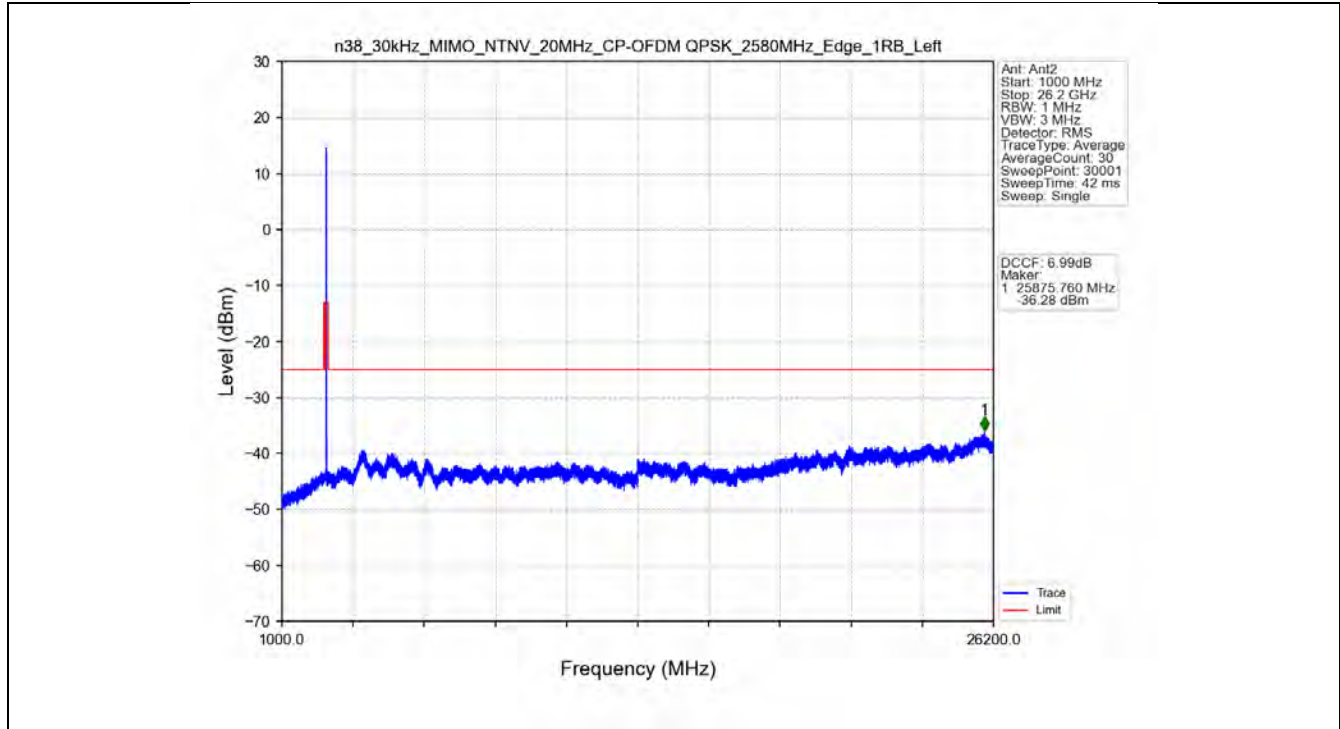


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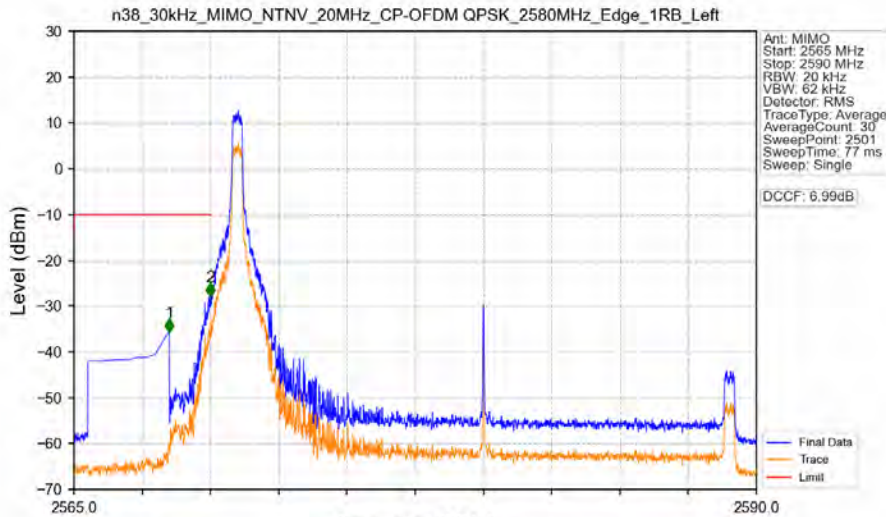
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n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.490 | -35.77 | -10 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2570.000 | -28.05 | -10 | Pass |
| 2570 | 2590 | 0.02 | / | / | / | / | / | / |

n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



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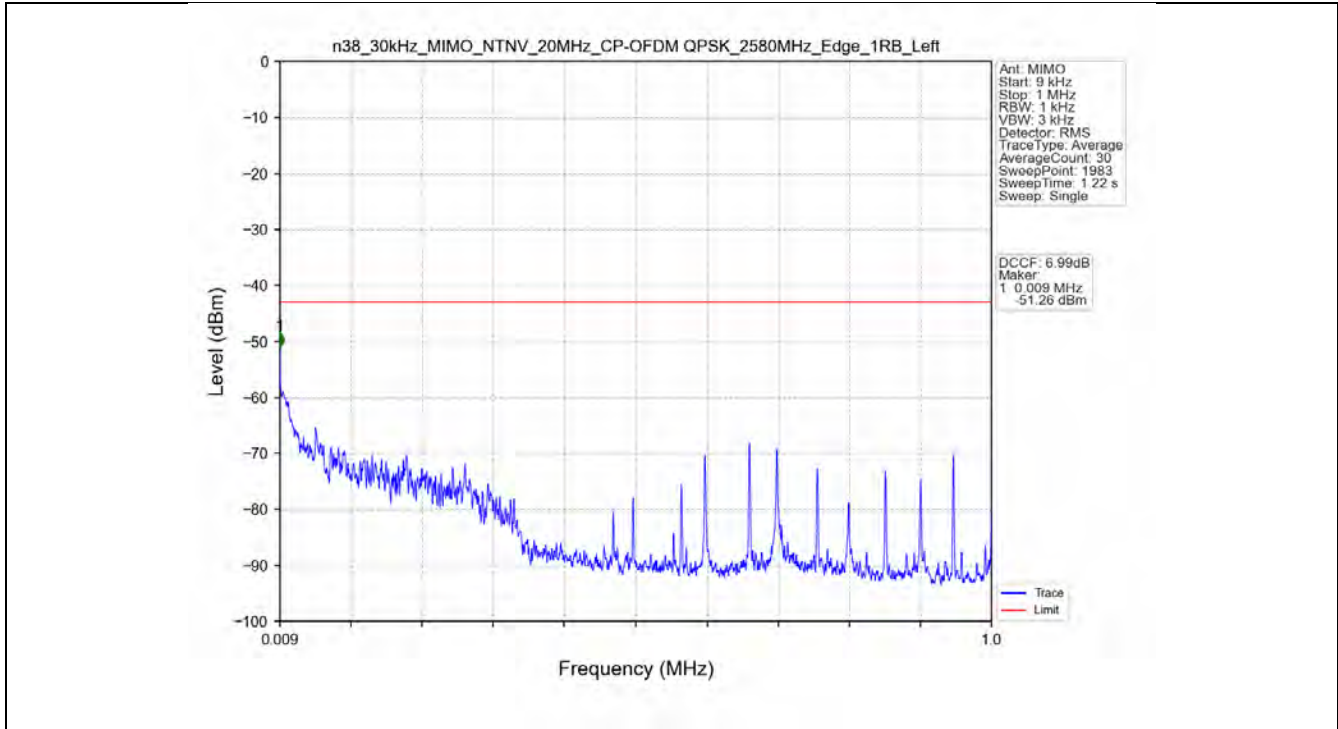


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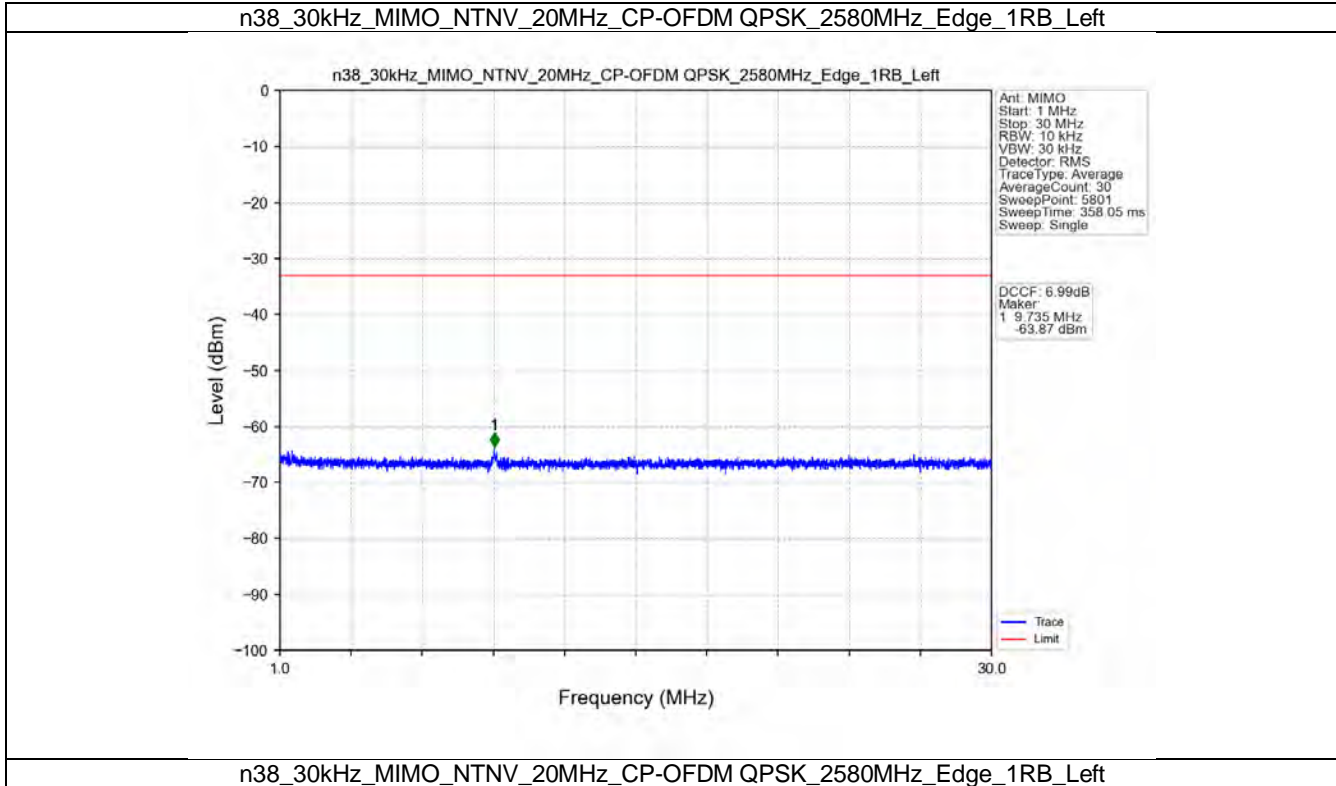


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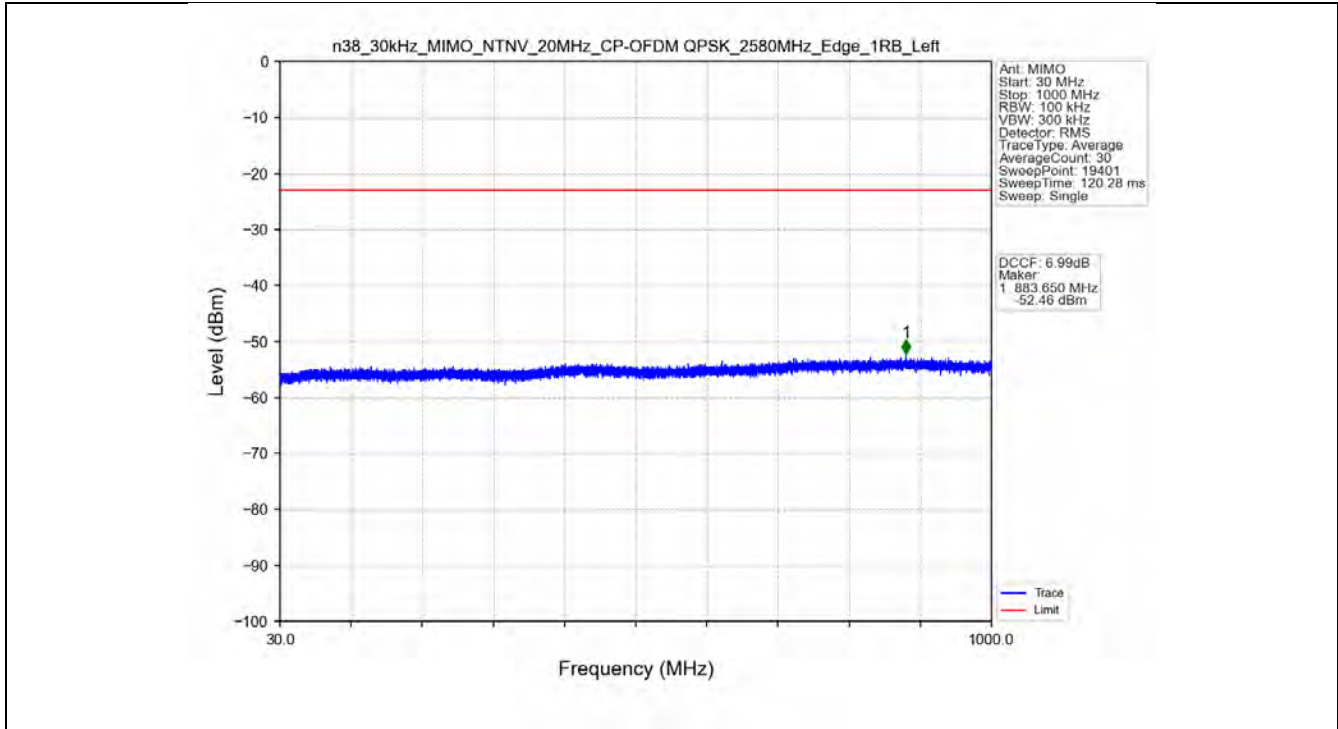


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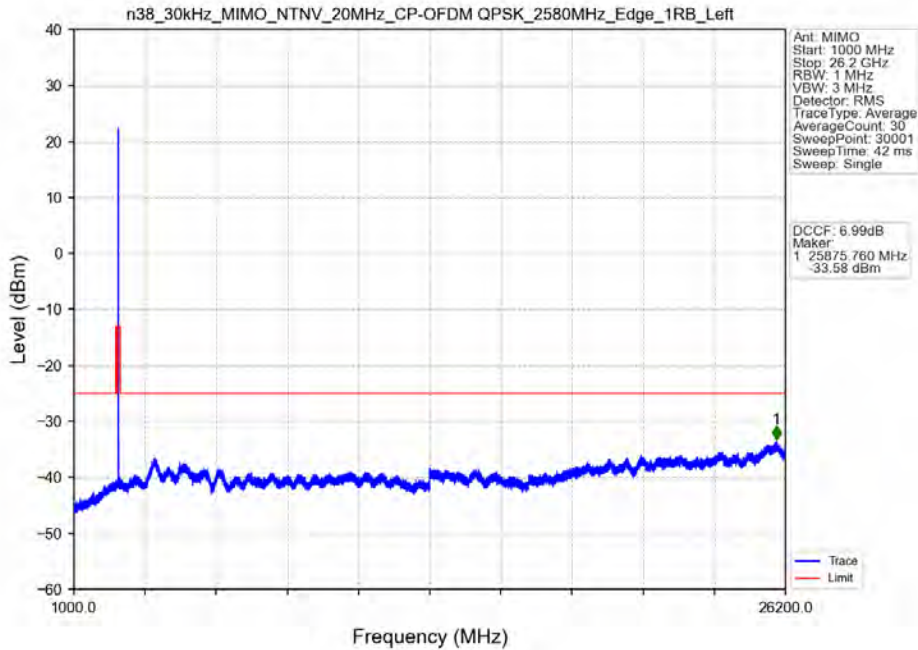
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n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Outer_Full



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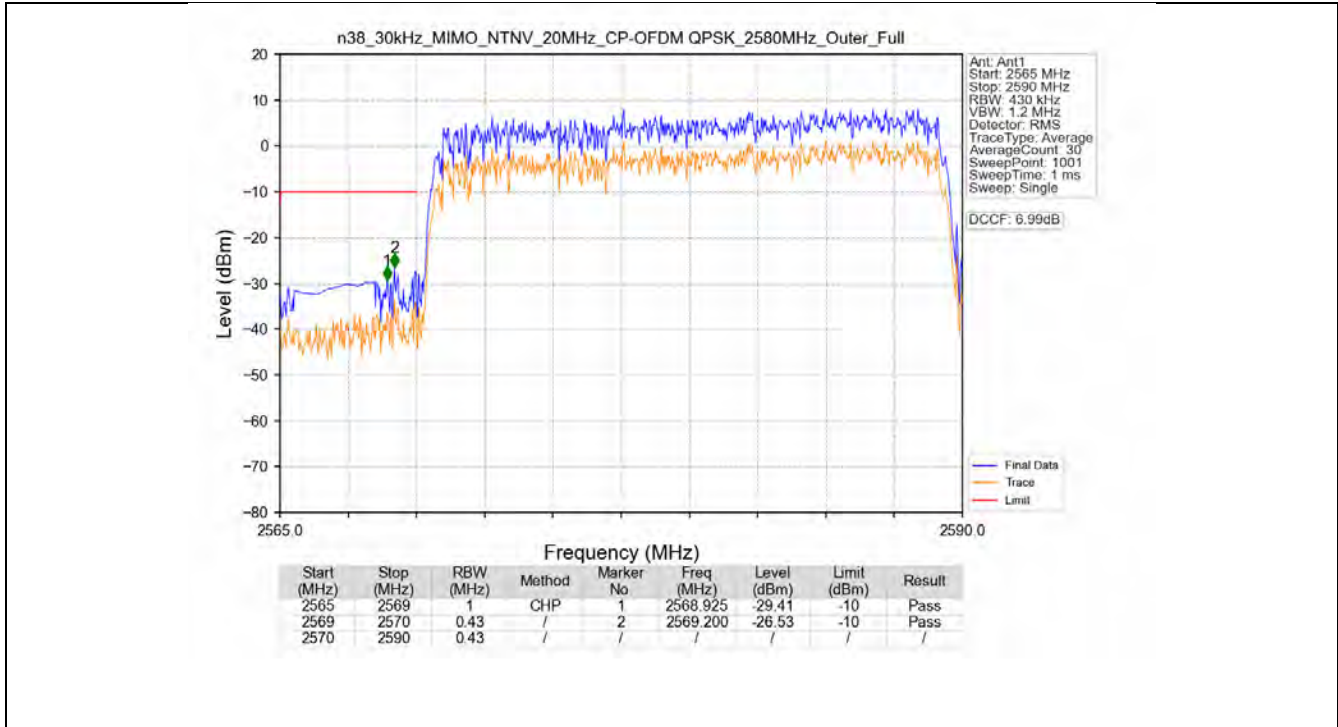


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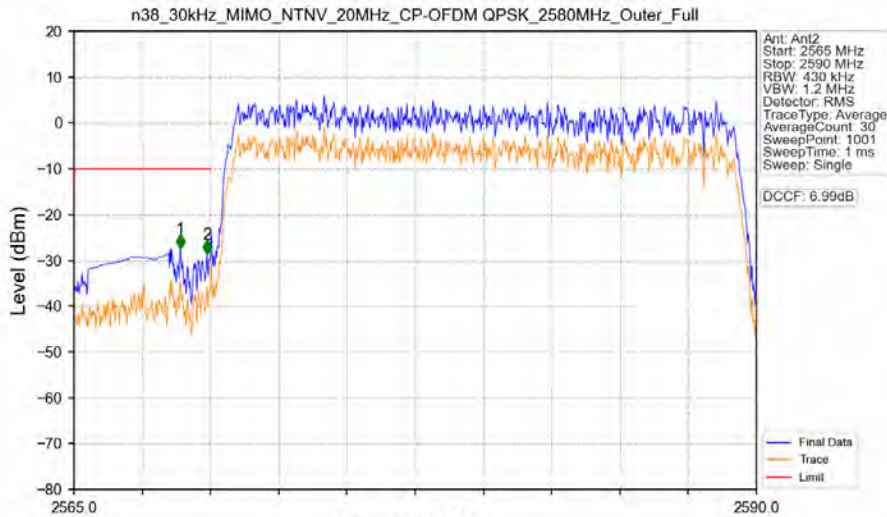
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n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Outer_Full



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 2565 | 2569 | 1 | CHP | 1 | 2568.900 | -27.43 | -10 | Pass |
| 2569 | 2570 | 0.43 | / | 2 | 2569.875 | -28.69 | -10 | Pass |
| 2570 | 2590 | 0.43 | / | / | / | / | / | / |

n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Outer_Full



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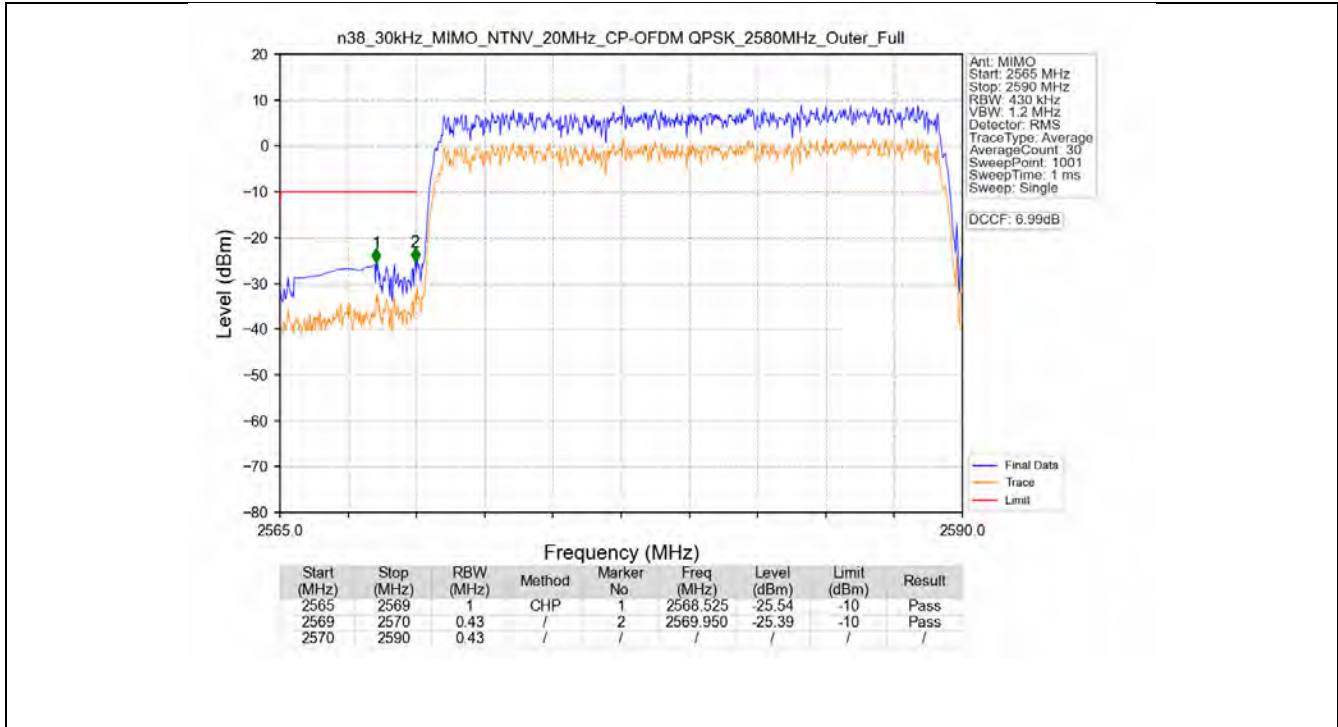


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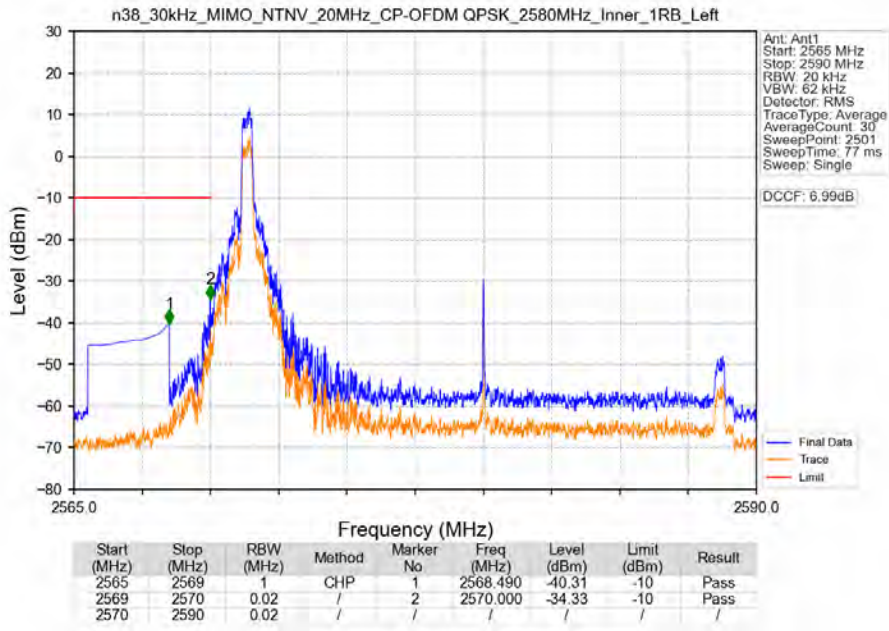
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n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Inner_1RB_Left



n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Inner_1RB_Left



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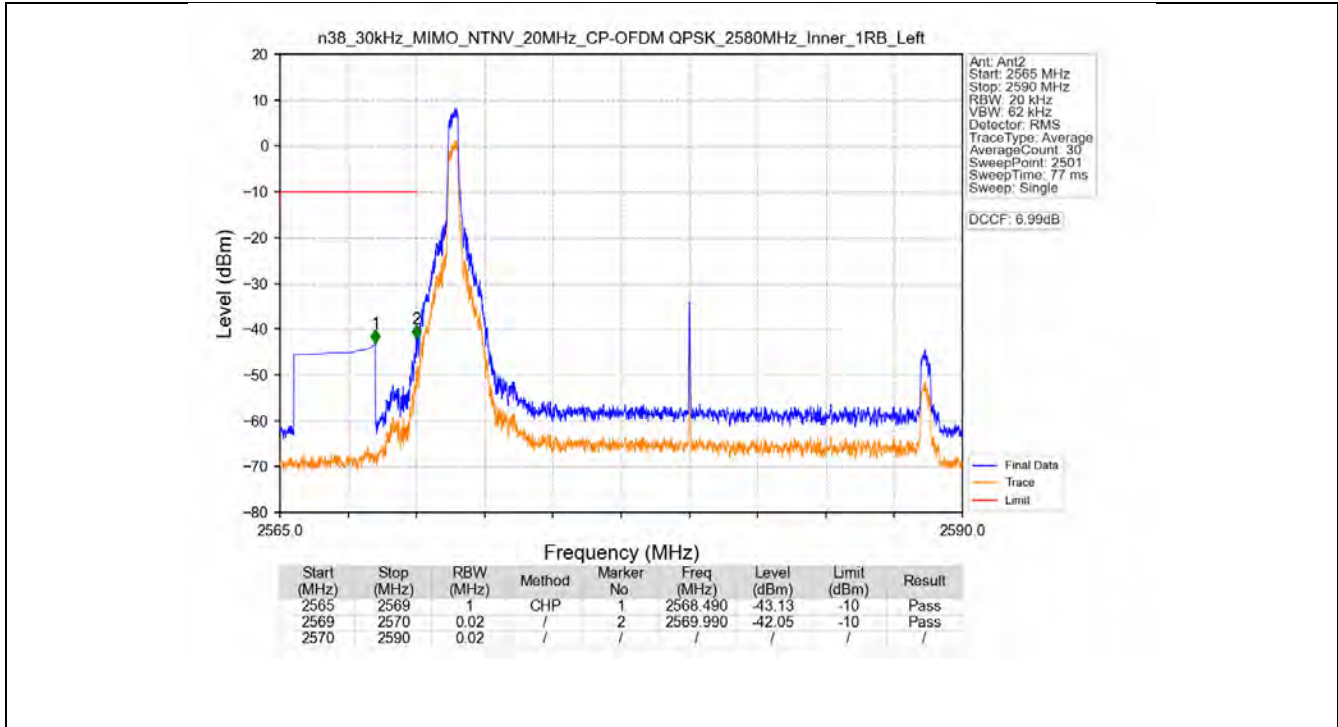


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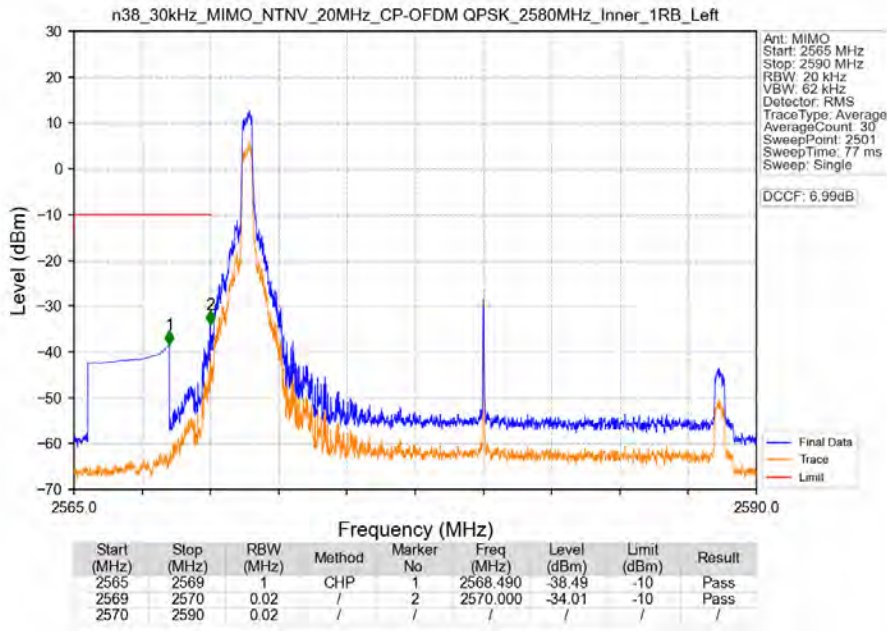
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n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2610MHz_Edge_1RB_Right



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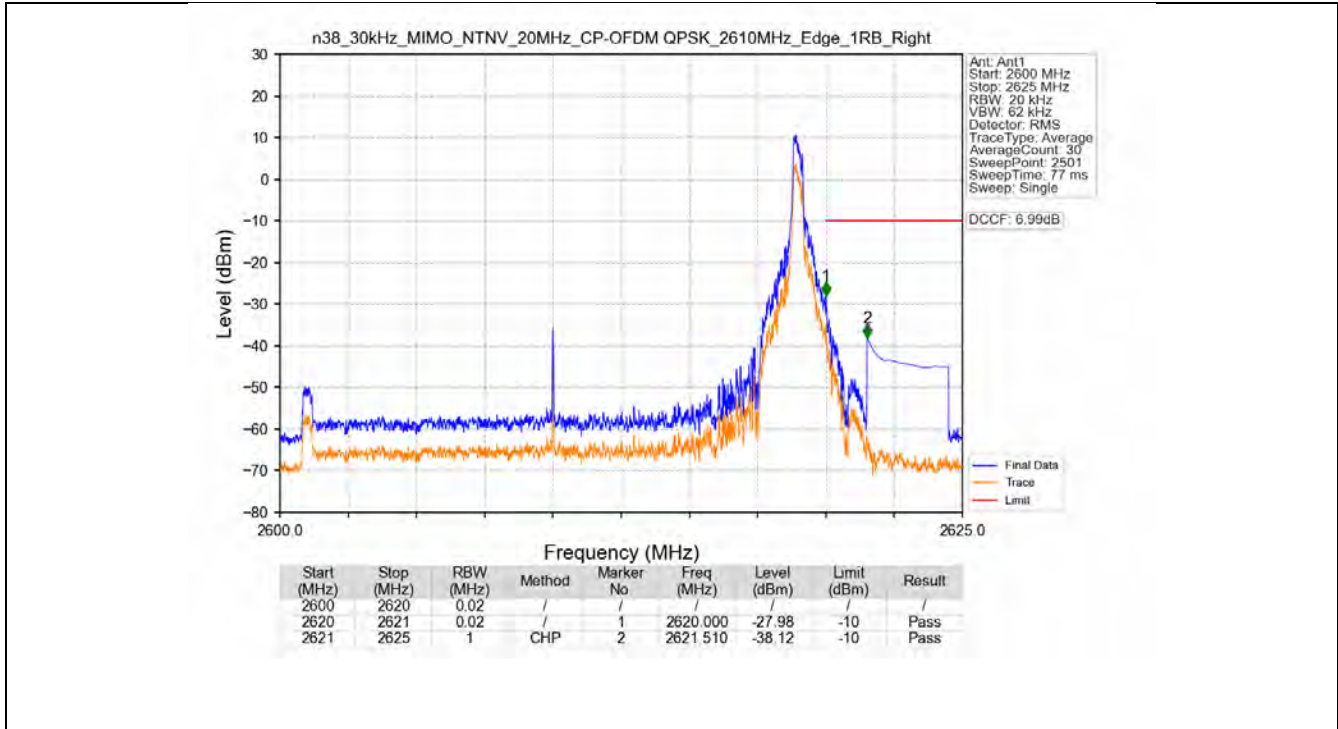


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SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

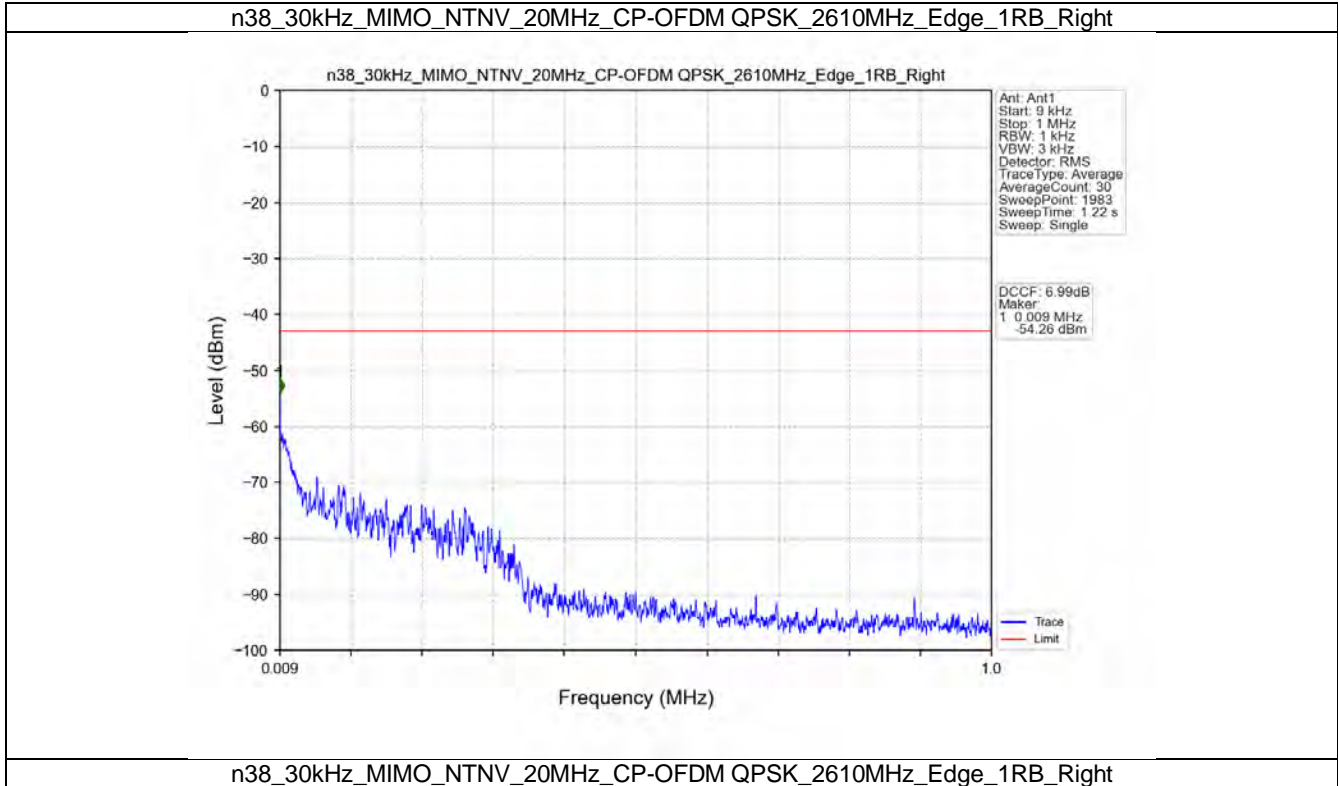


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n38_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_2610MHz_Edge_1RB_Right



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Shenzhen Branch, Inspection & Testing Services
Shenzhen Branch, Inspection & Testing Services

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

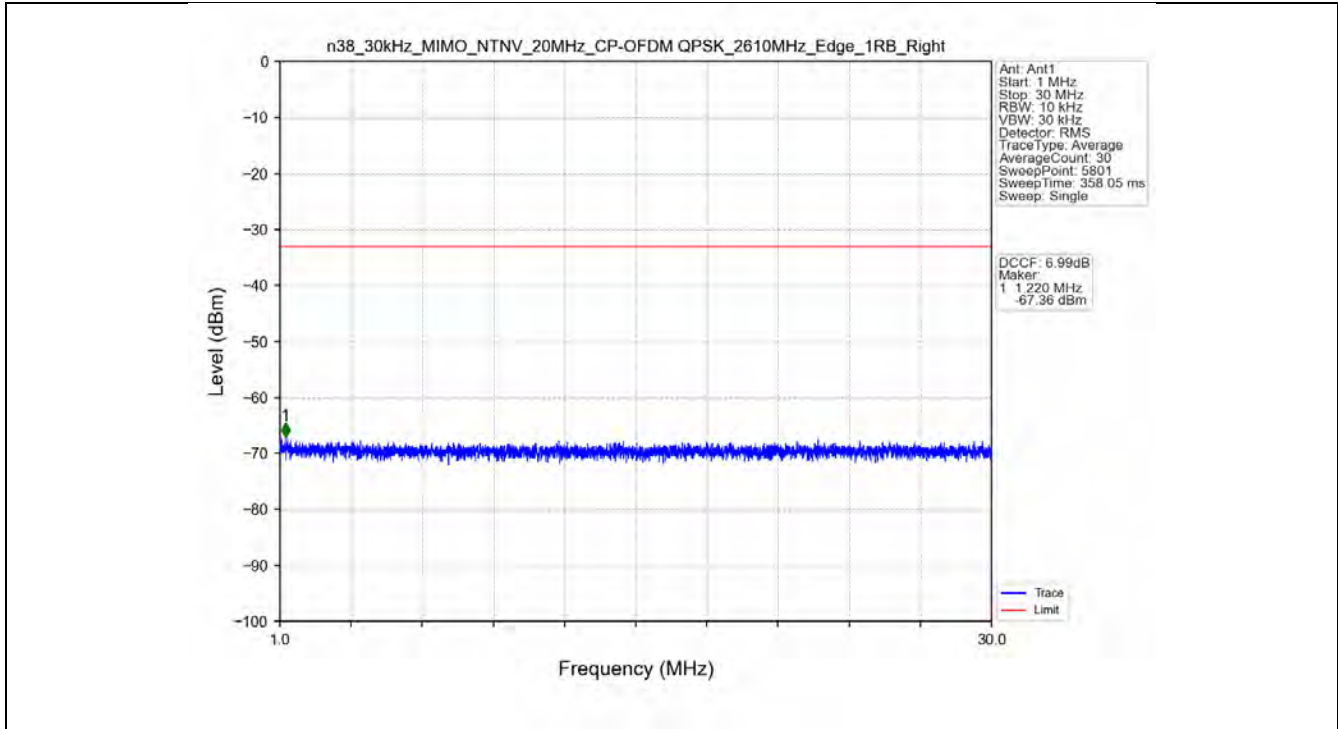


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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch, Inspection & Testing Services
Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

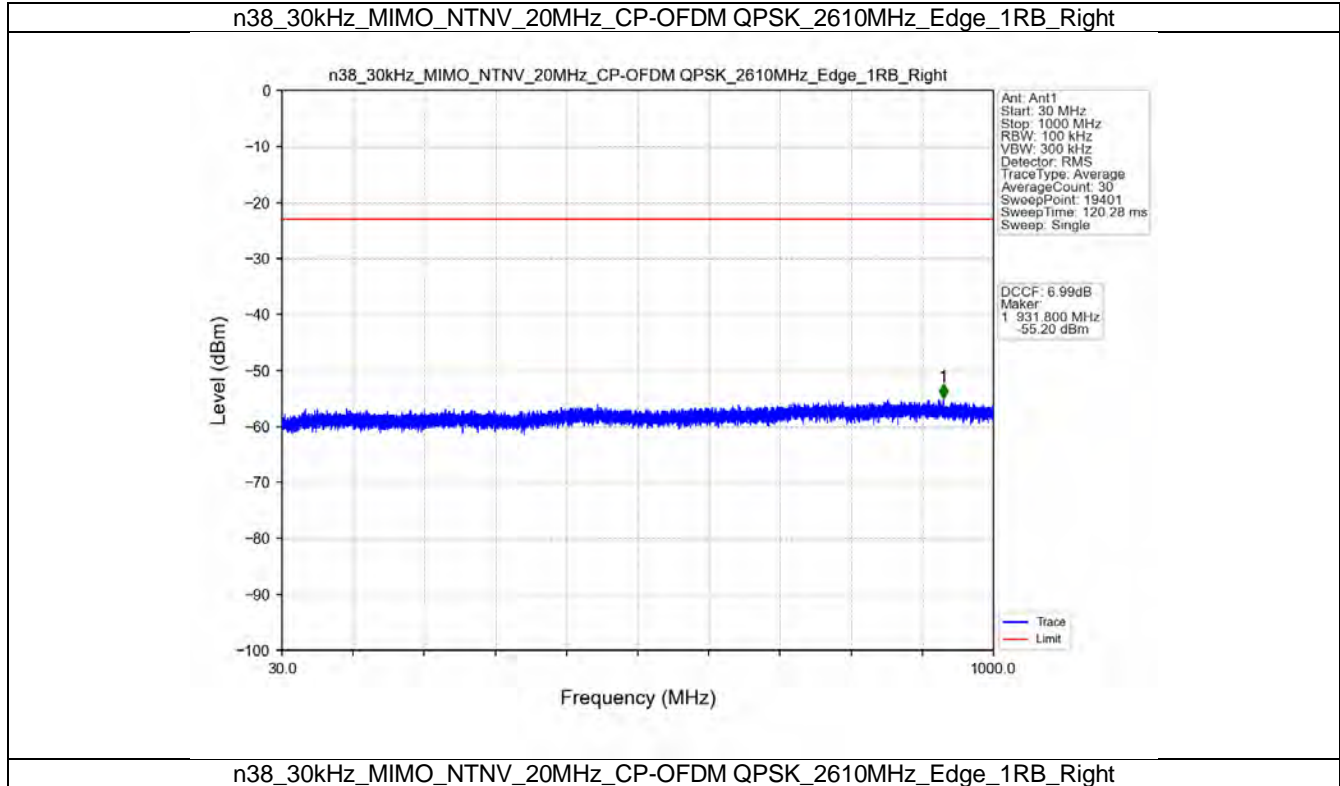


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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

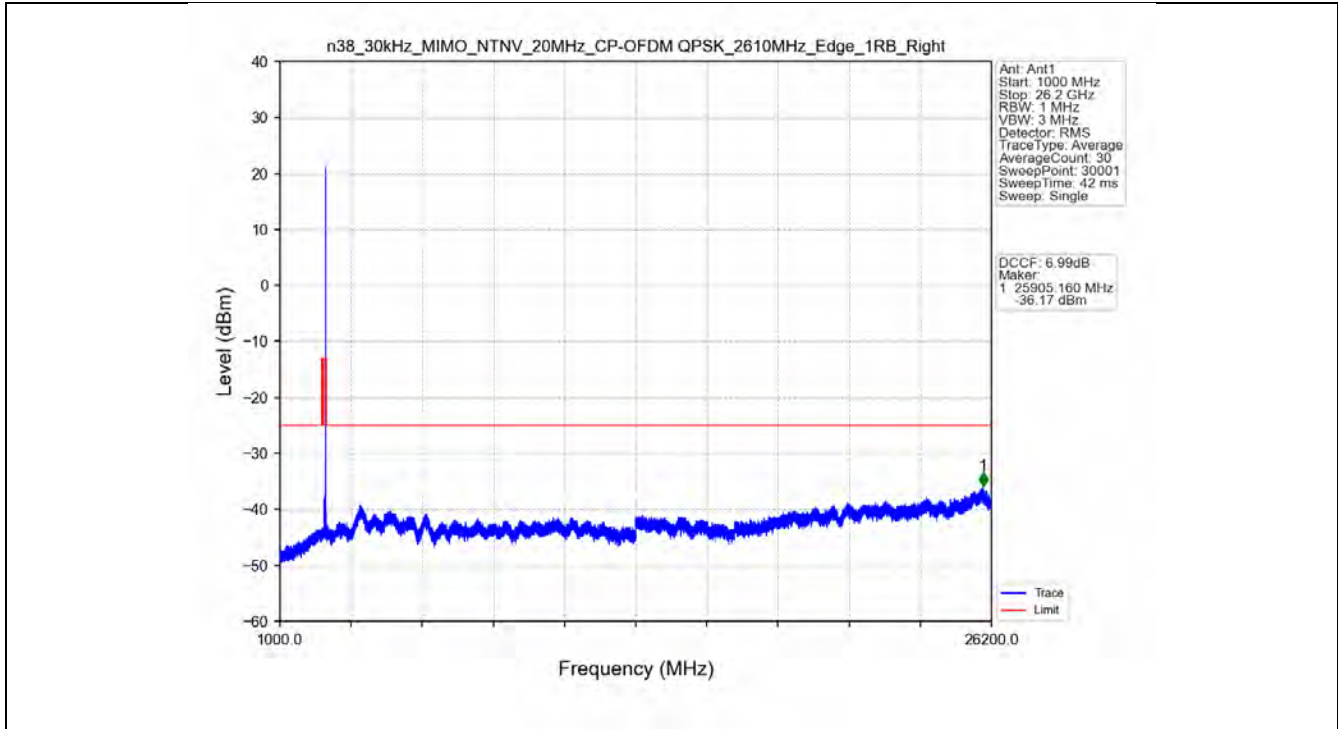


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