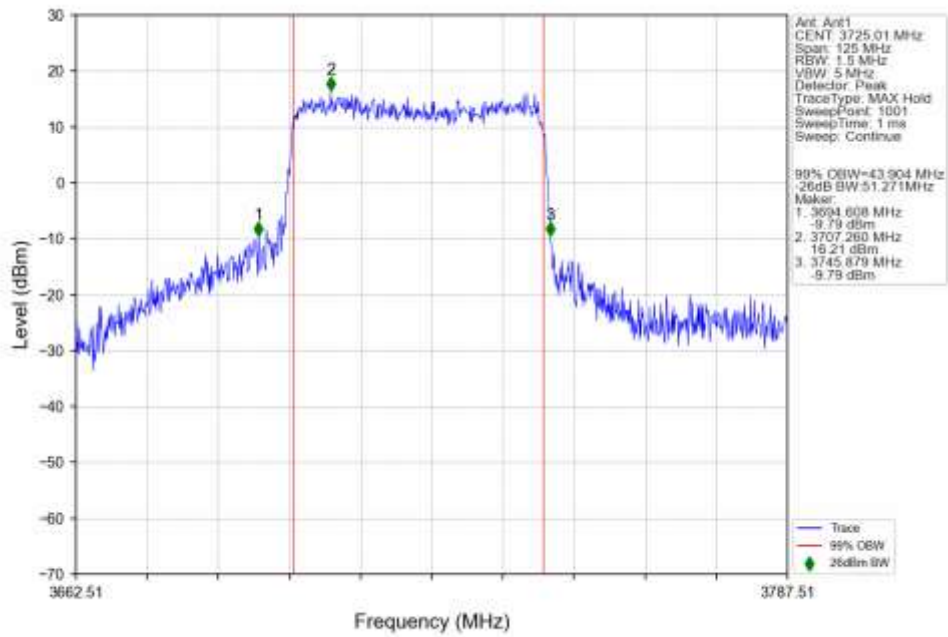
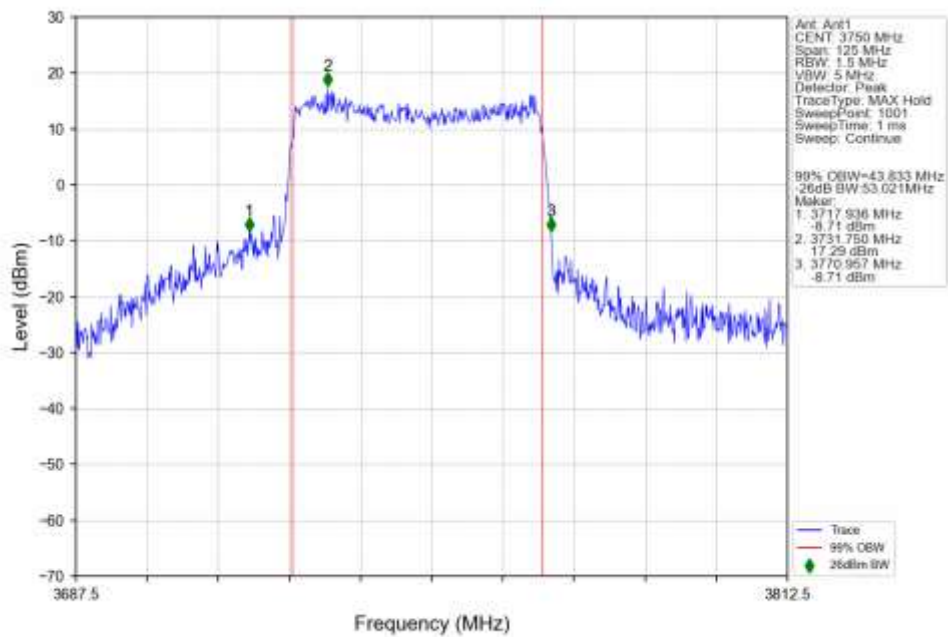


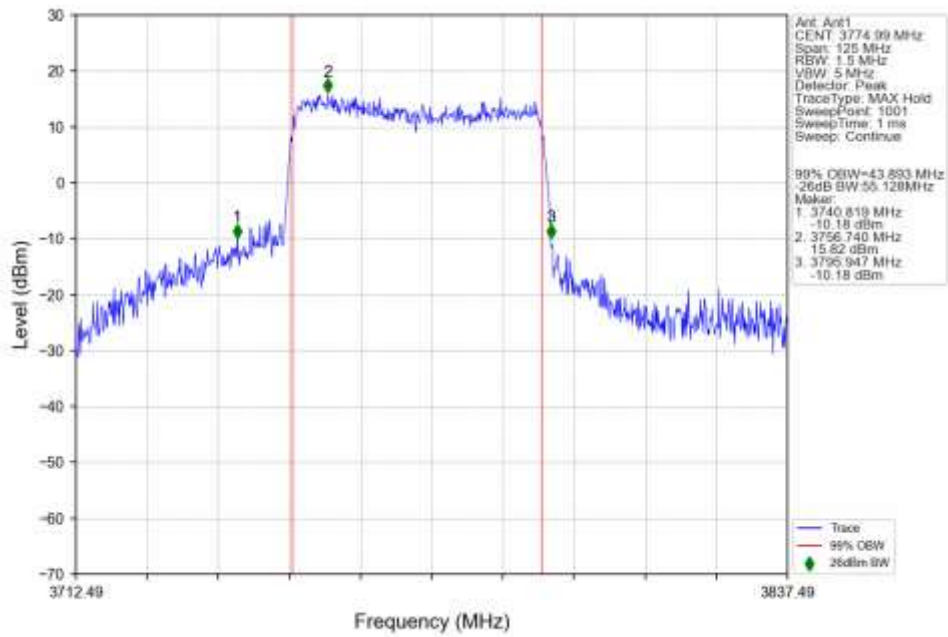
n78a 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 3725.01MHz Outer Full Ant1



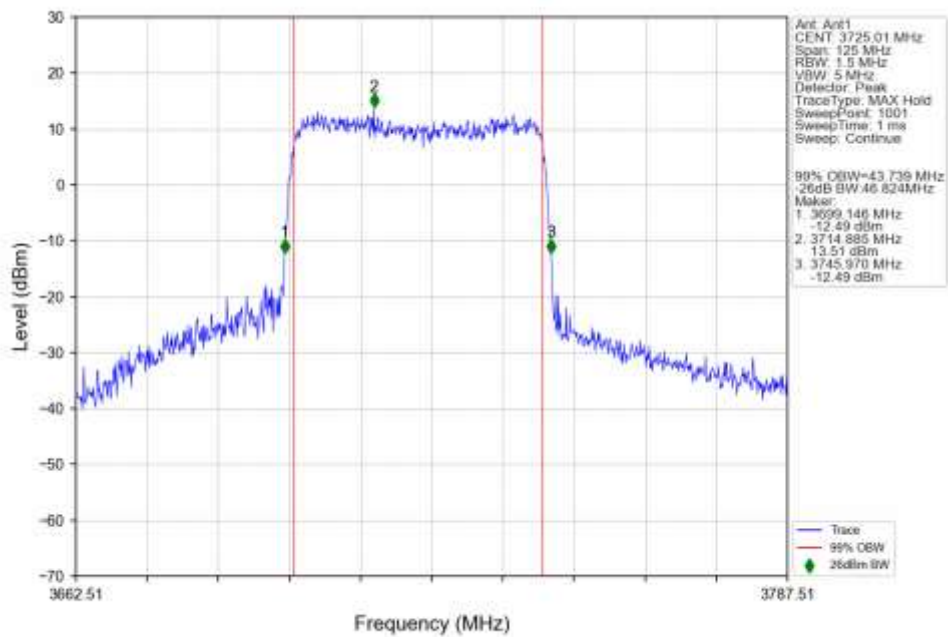
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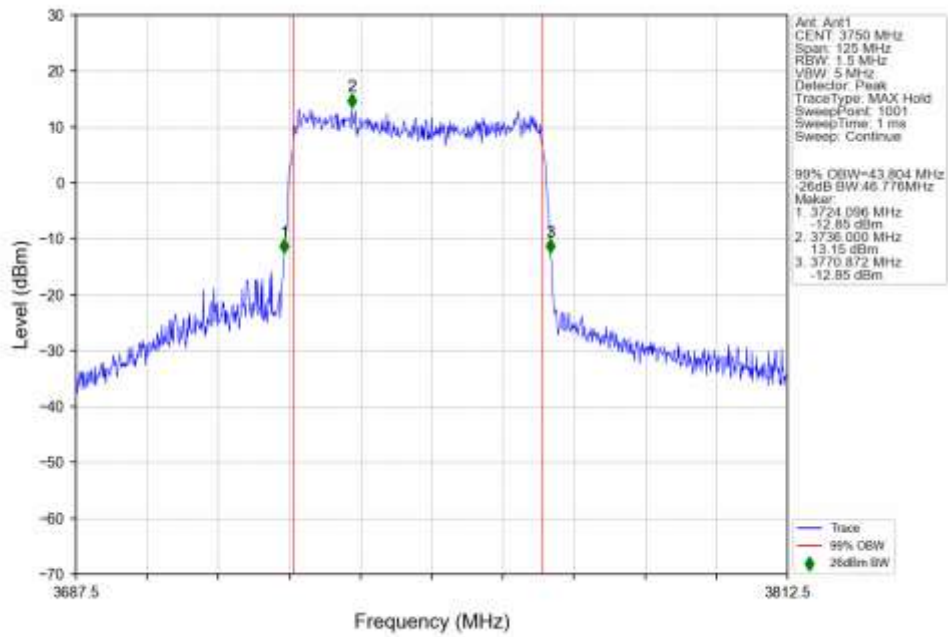
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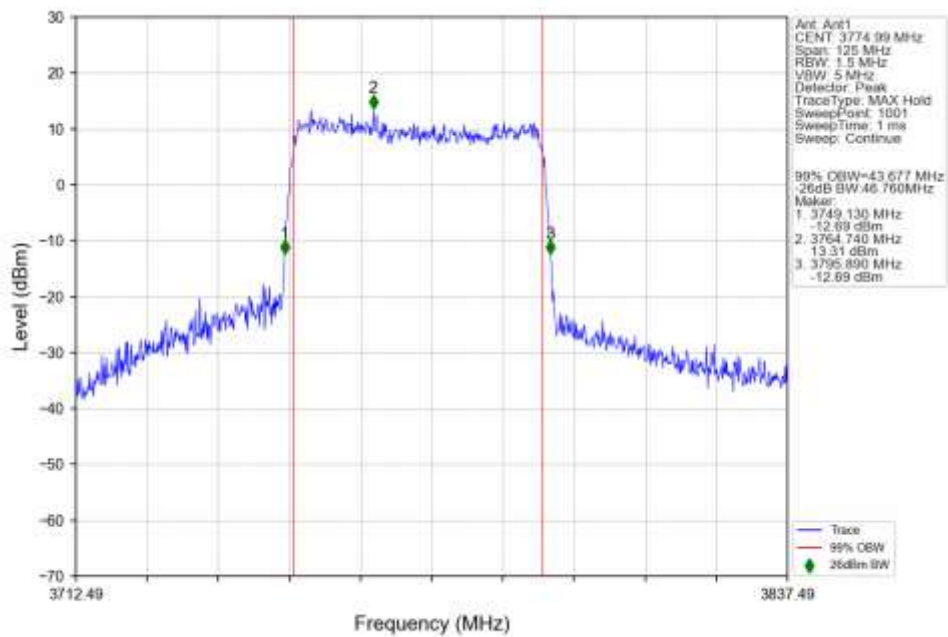
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n78a 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

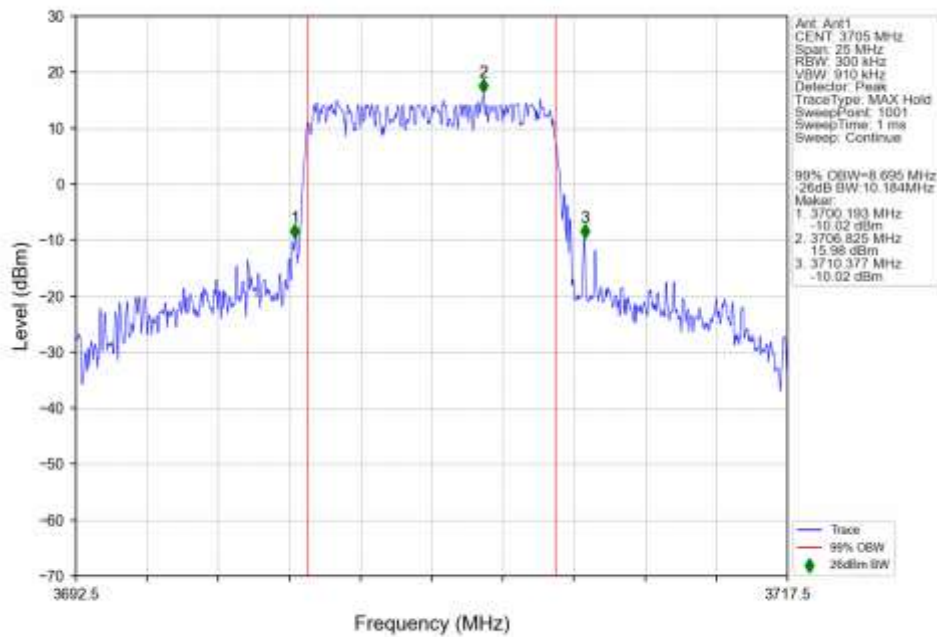


n78a 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 3774.99MHz Outer Full Ant1

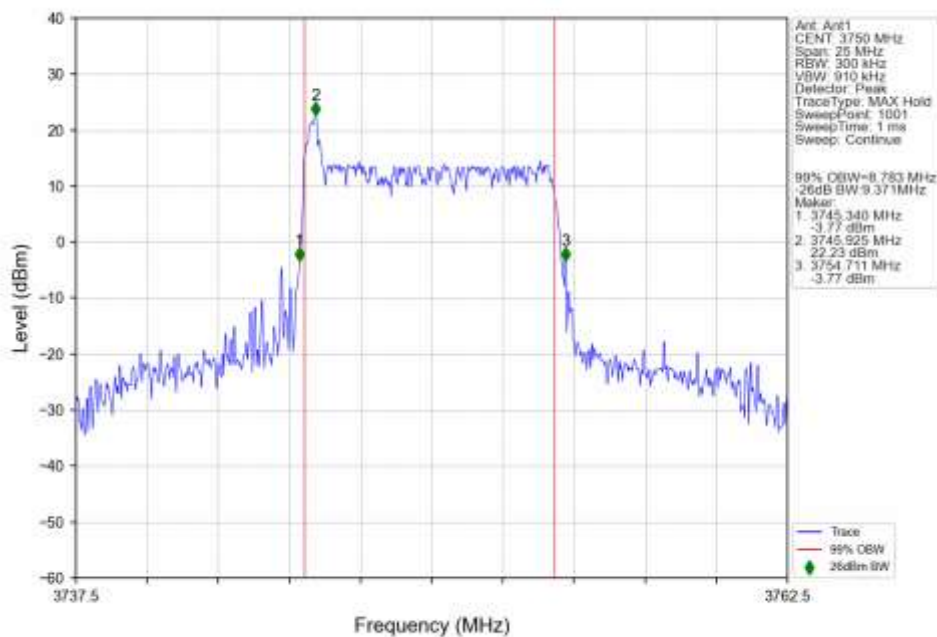


4.2.8 30k_SISO_10MHz_NTNV

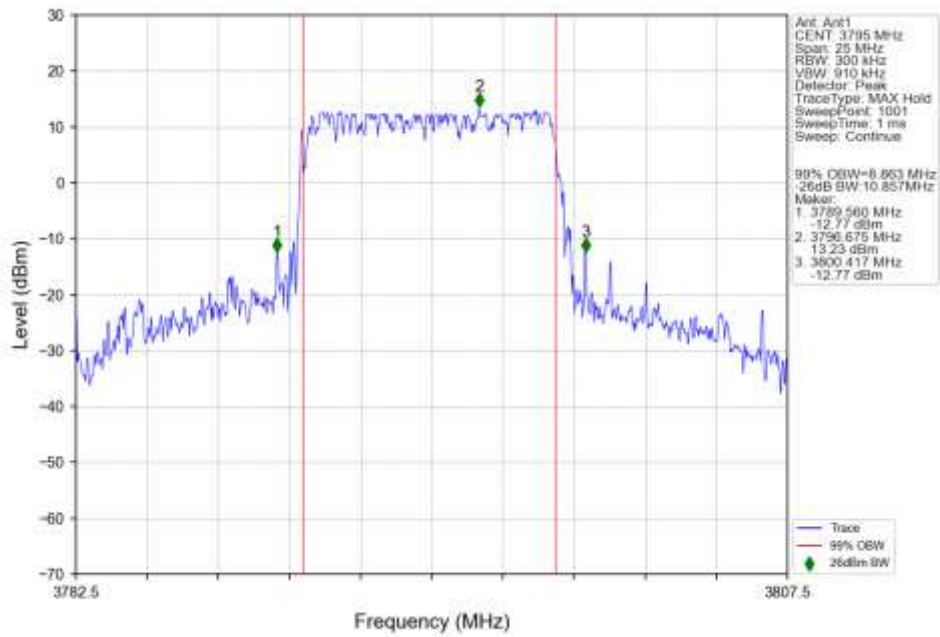
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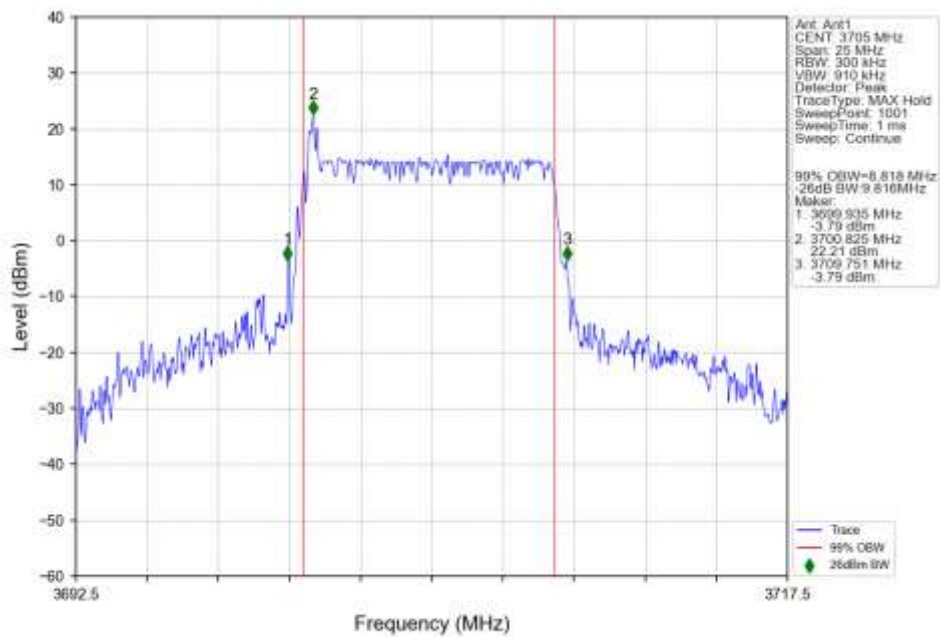
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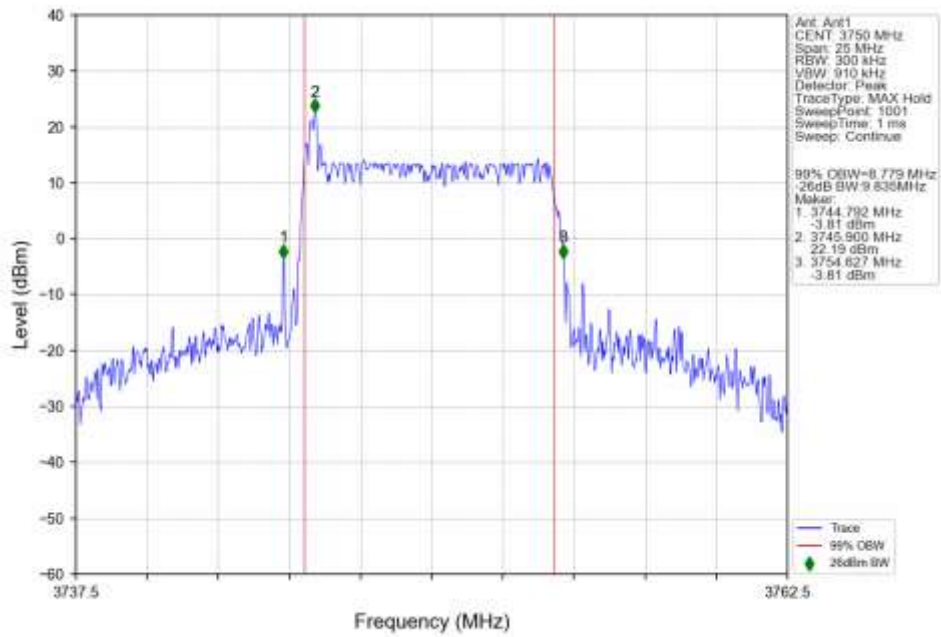
n78a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3795MHz Outer Full Ant1



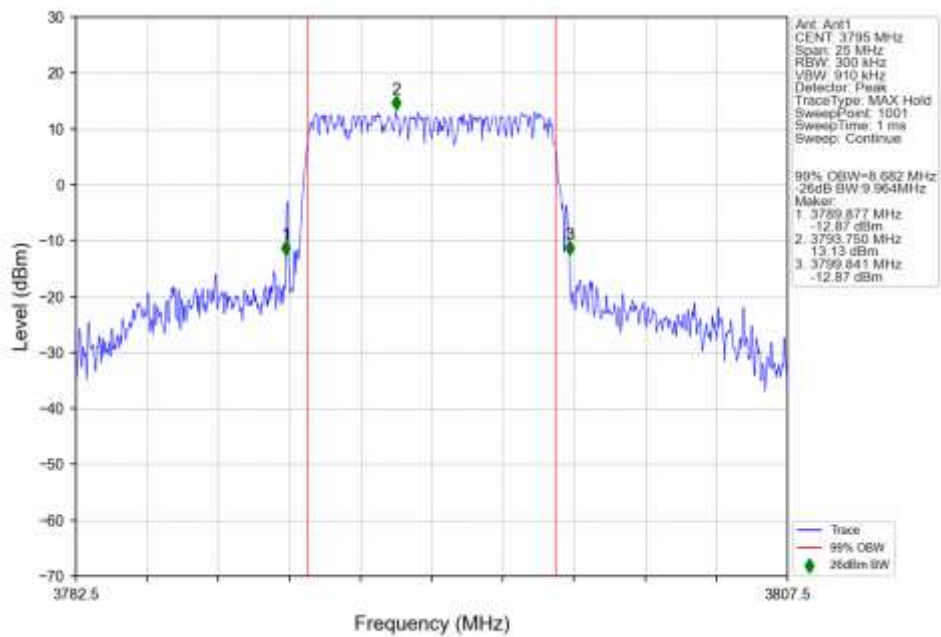
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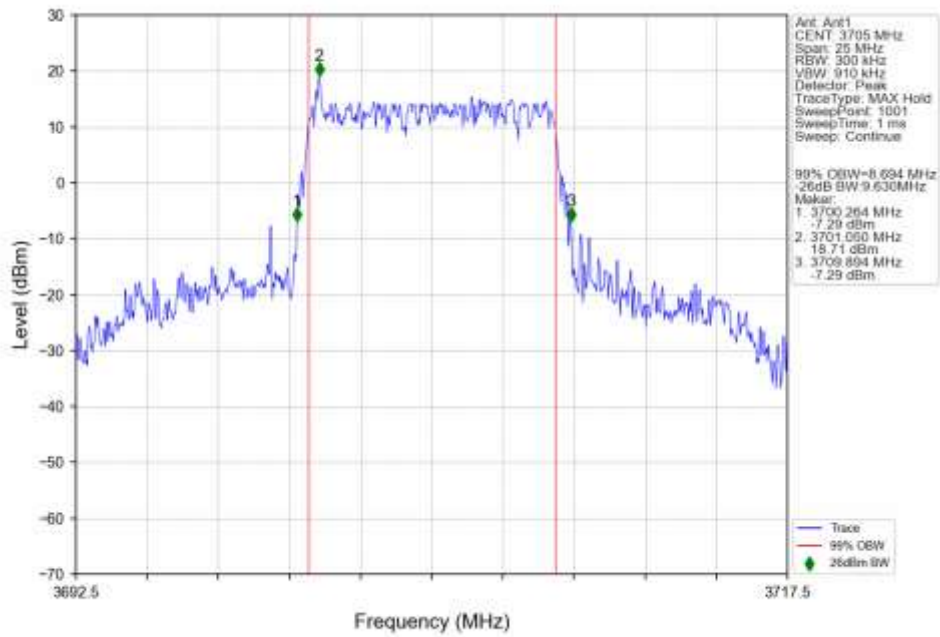
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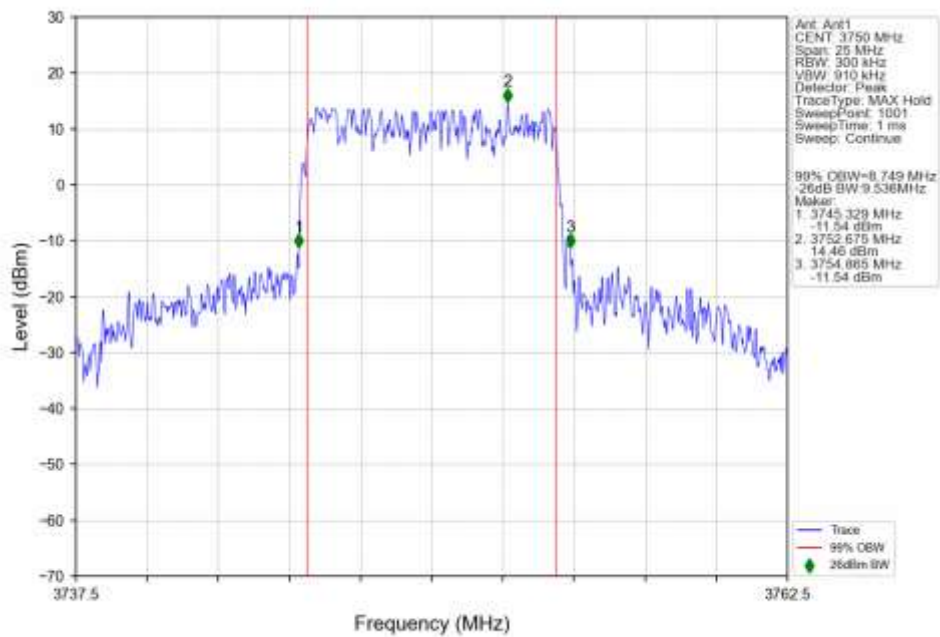
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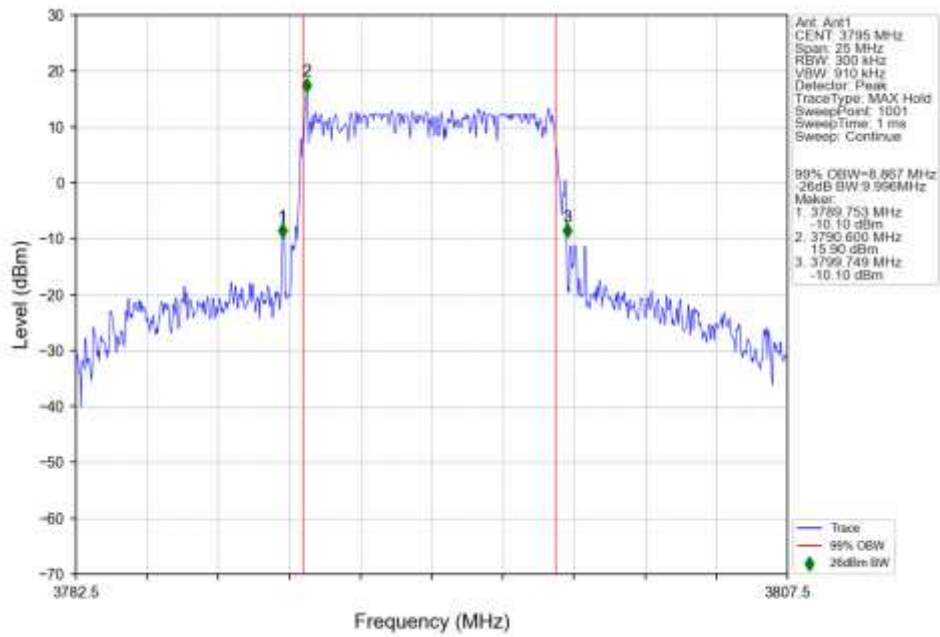
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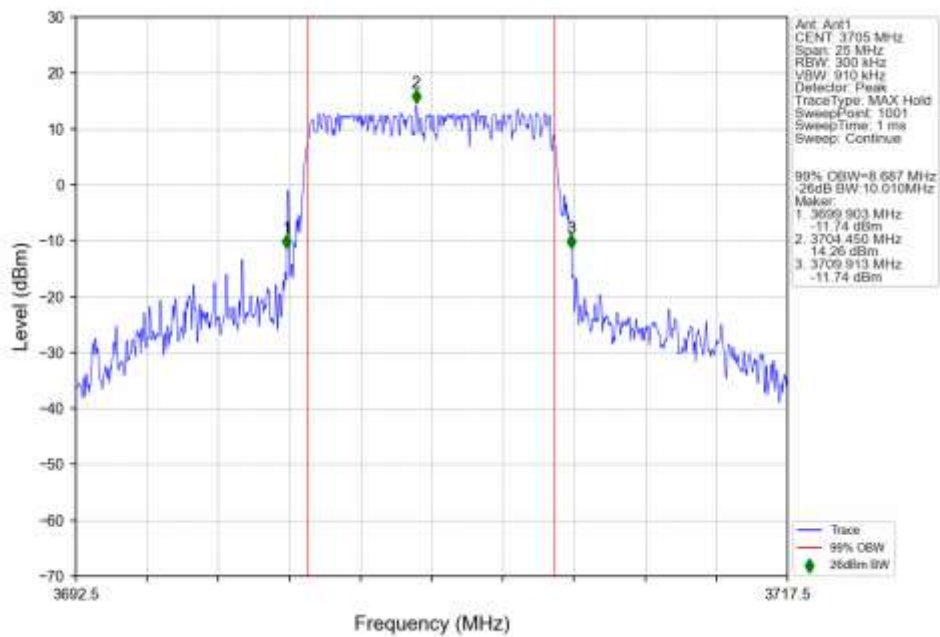
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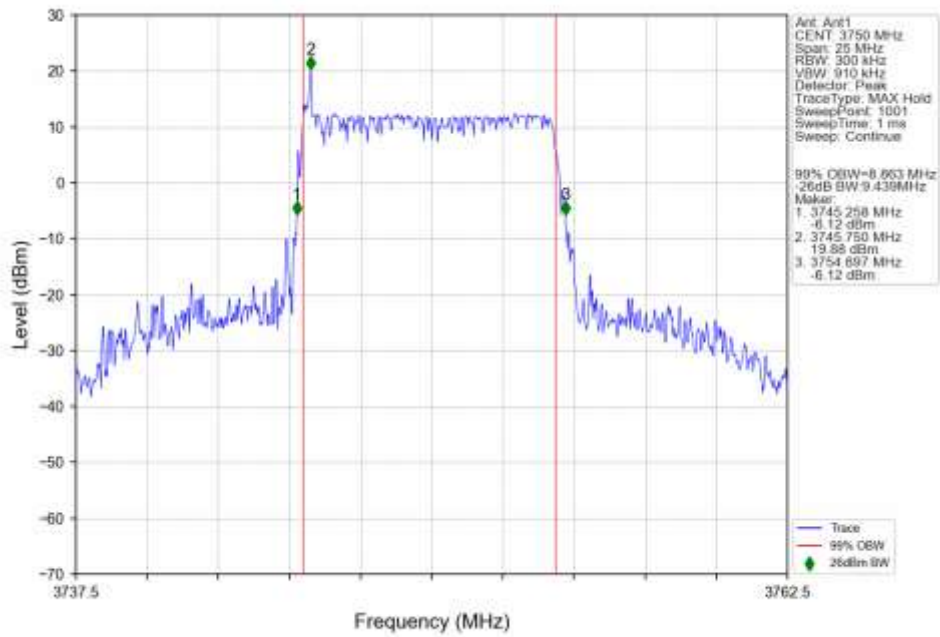
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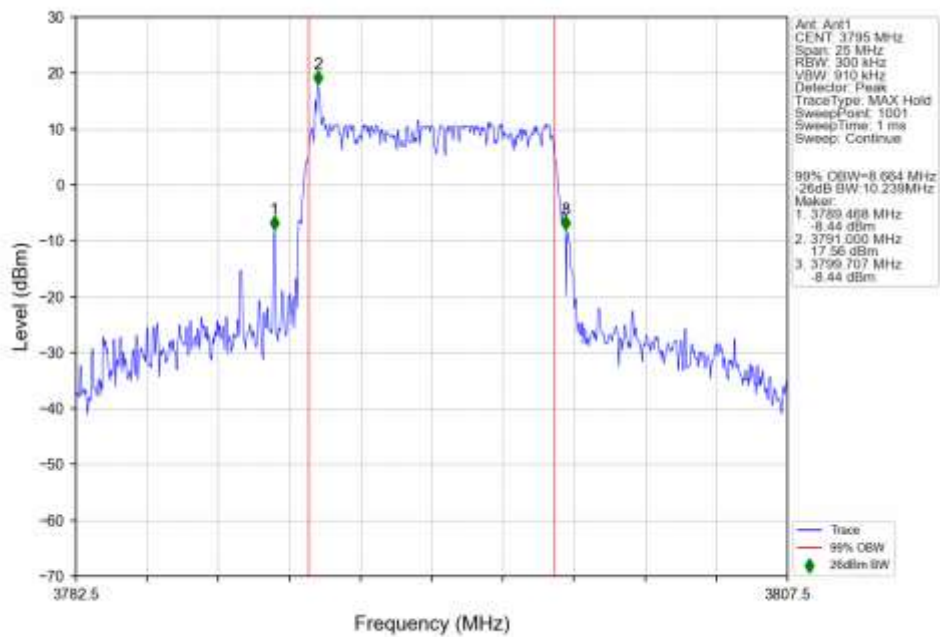
n78a 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3705MHz Outer Full Ant1



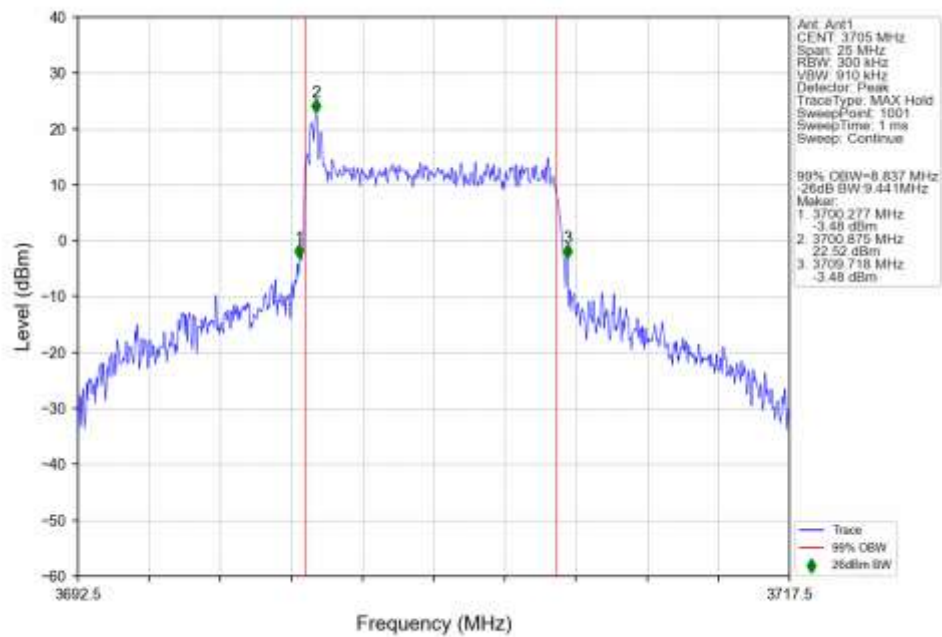
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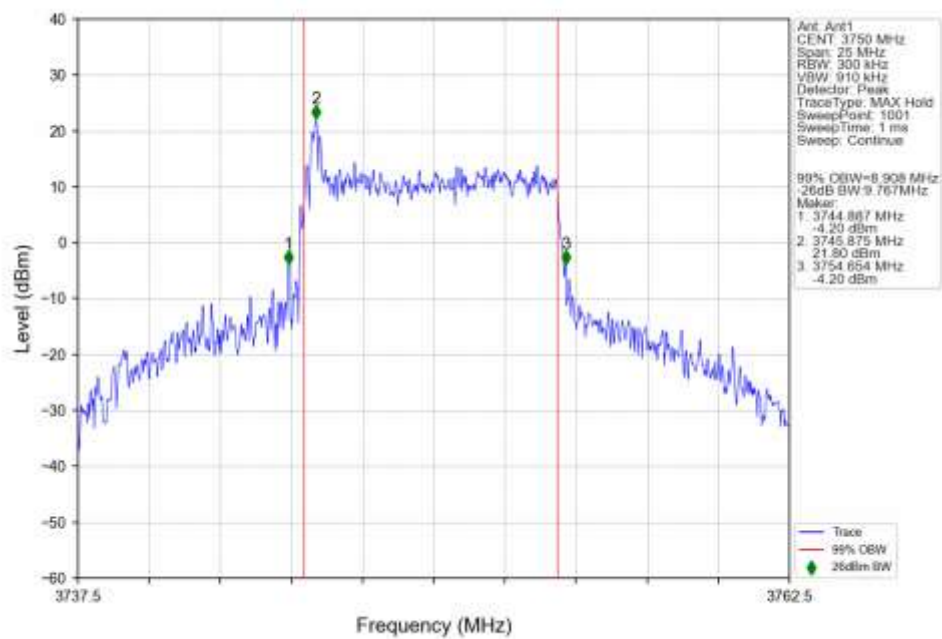
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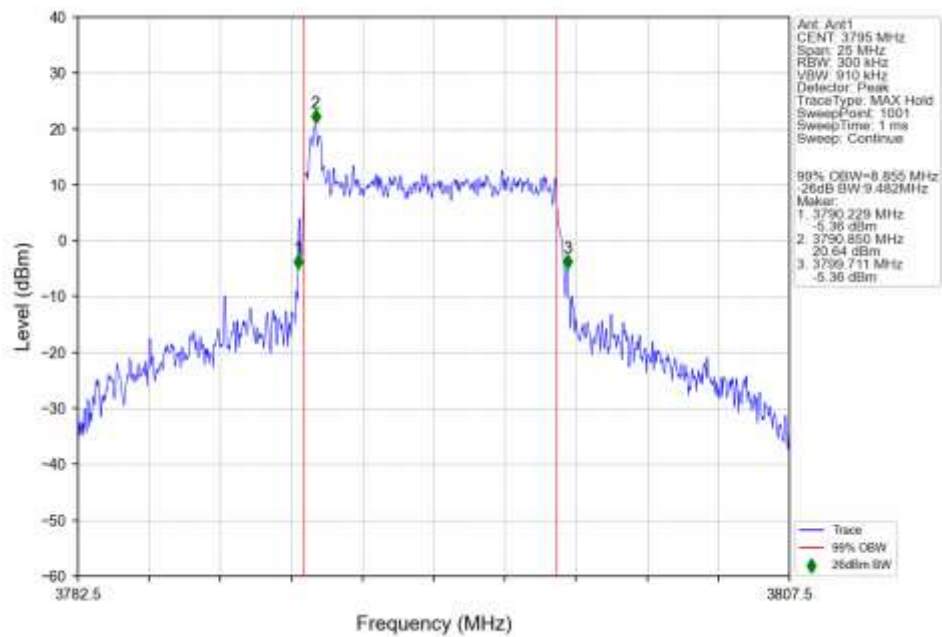
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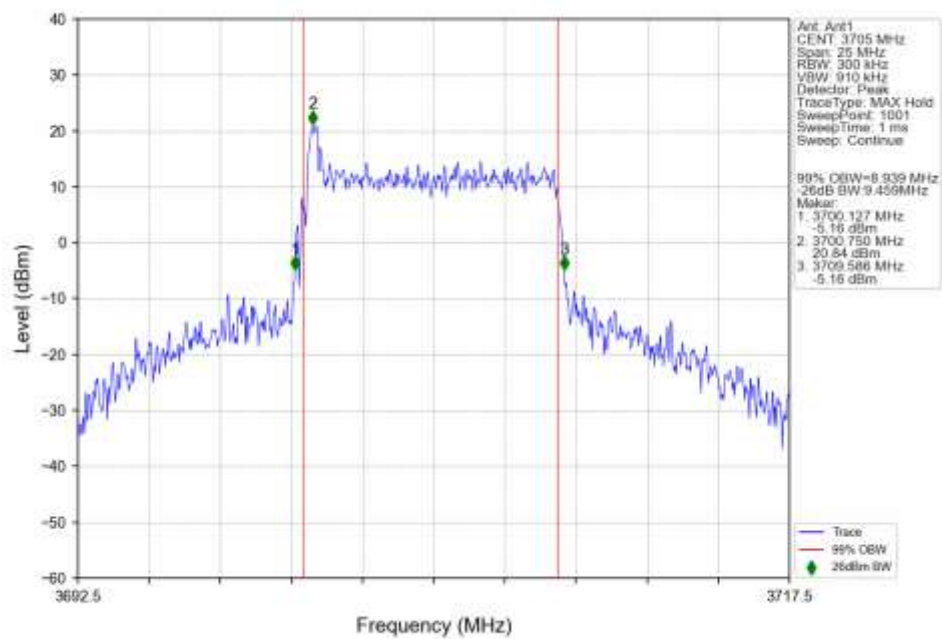
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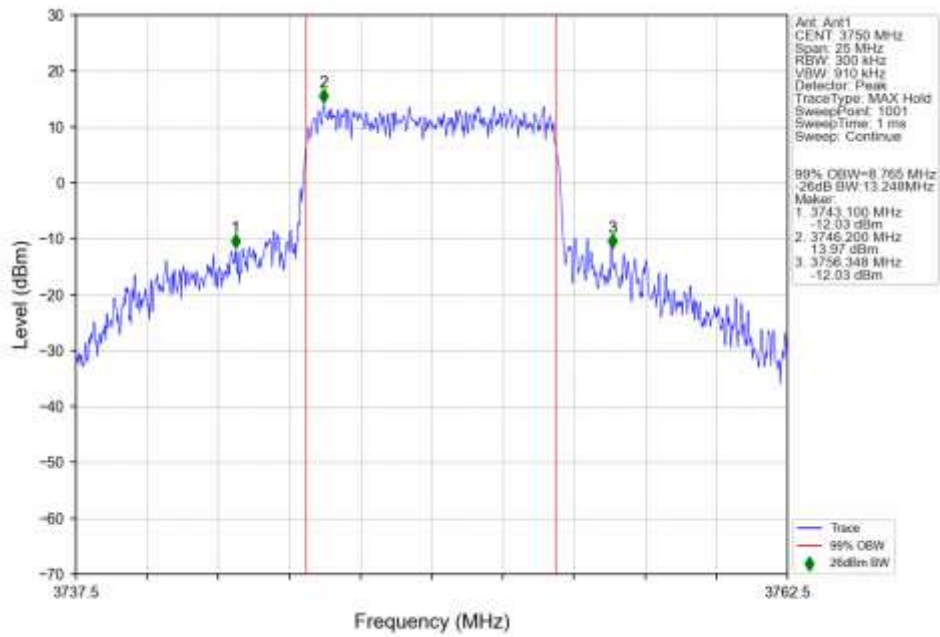
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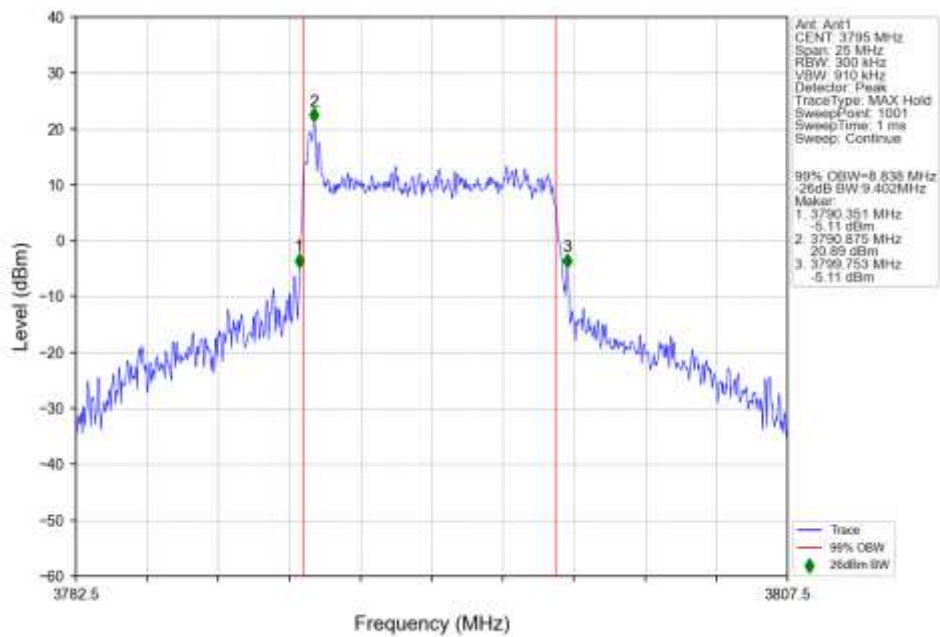
n78a 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3705MHz Outer Full Ant1



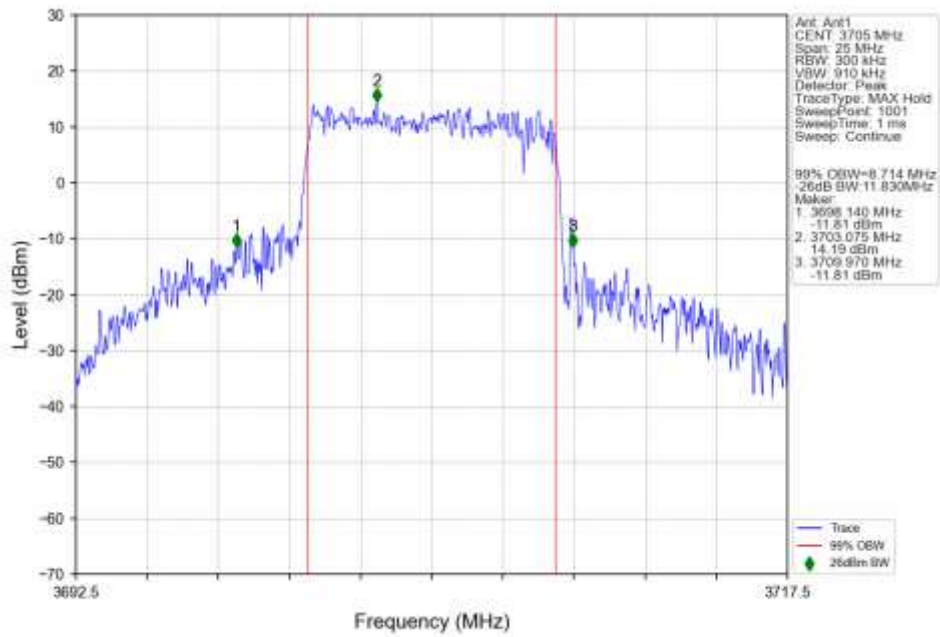
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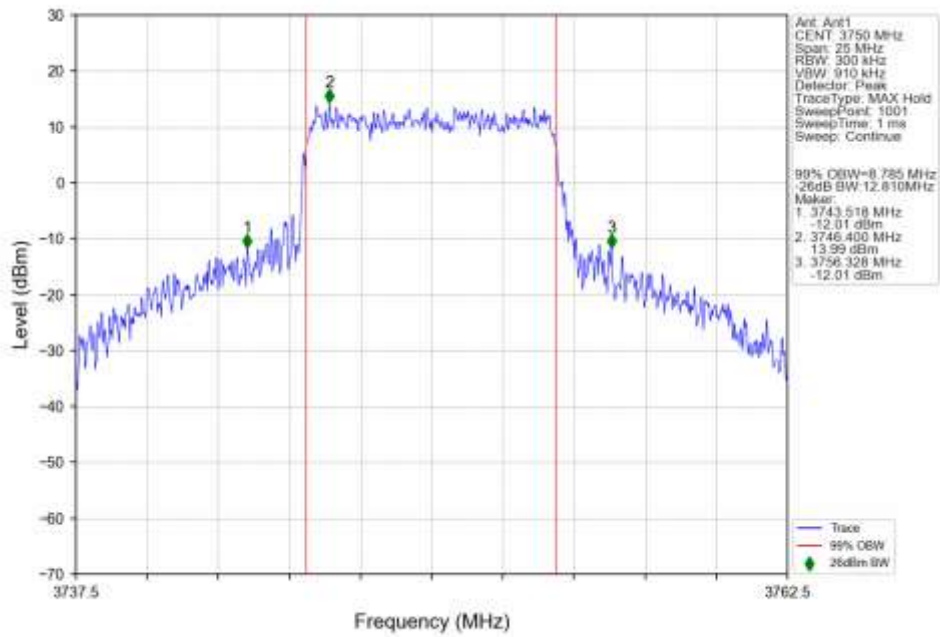
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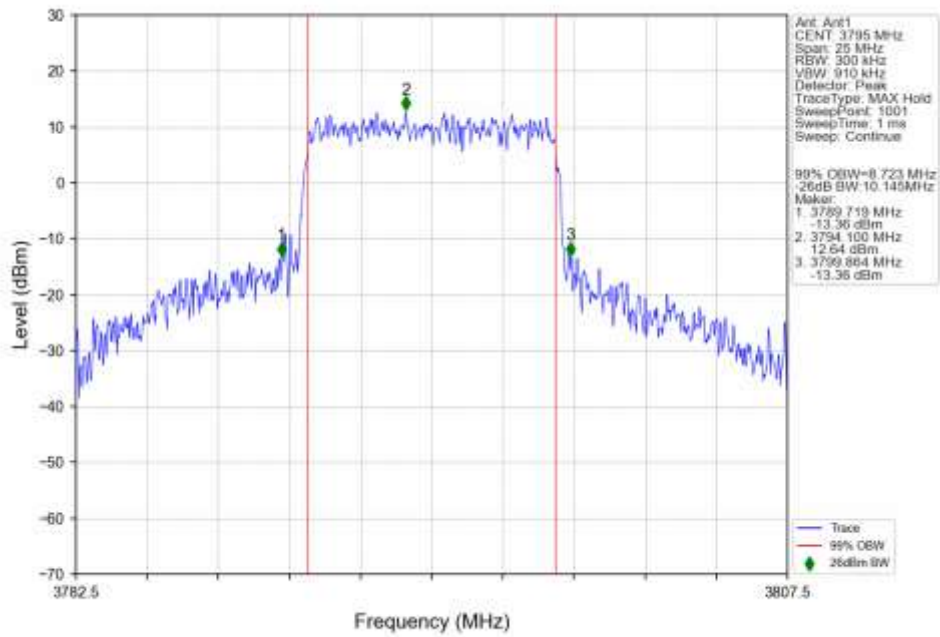
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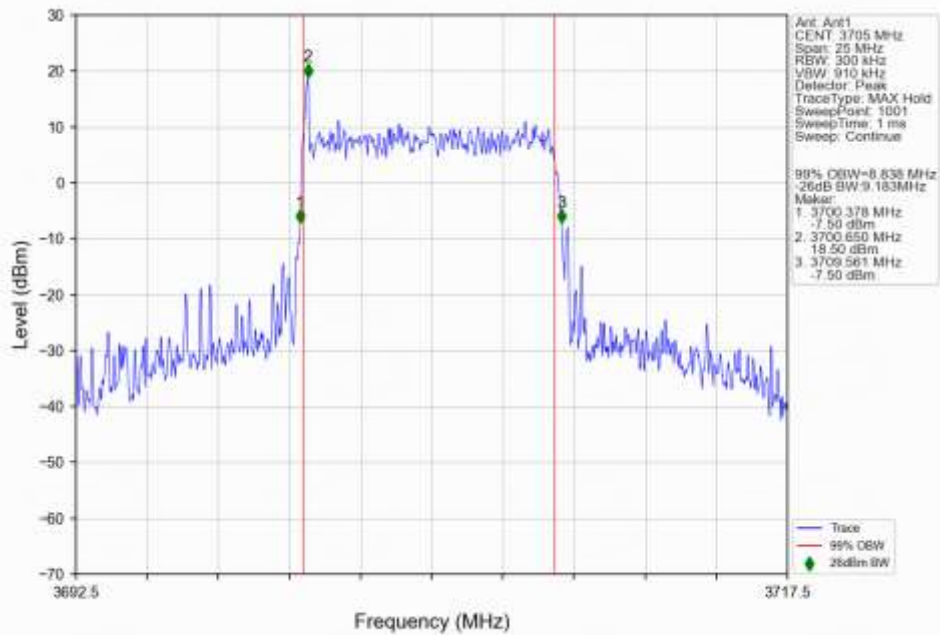
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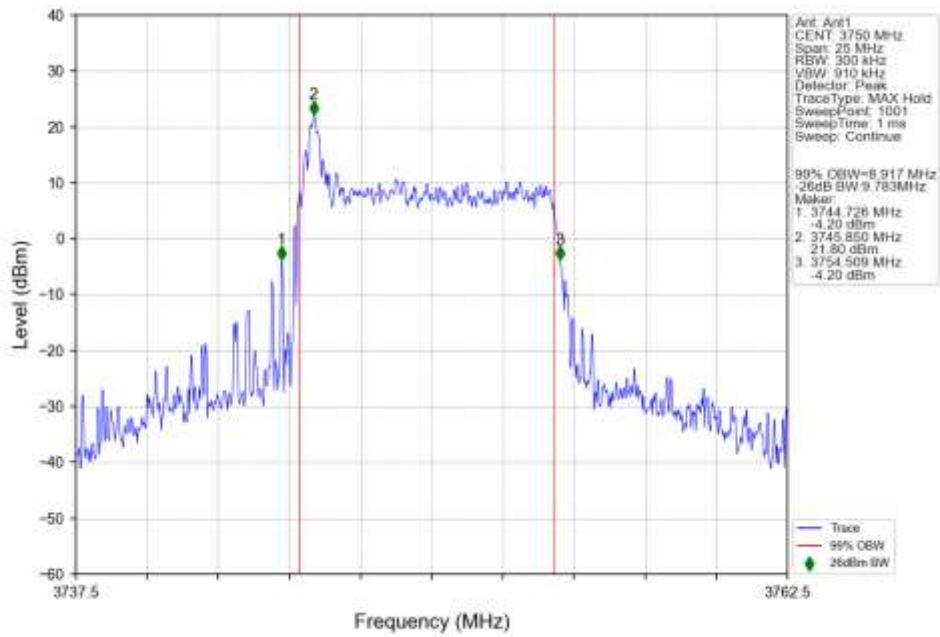
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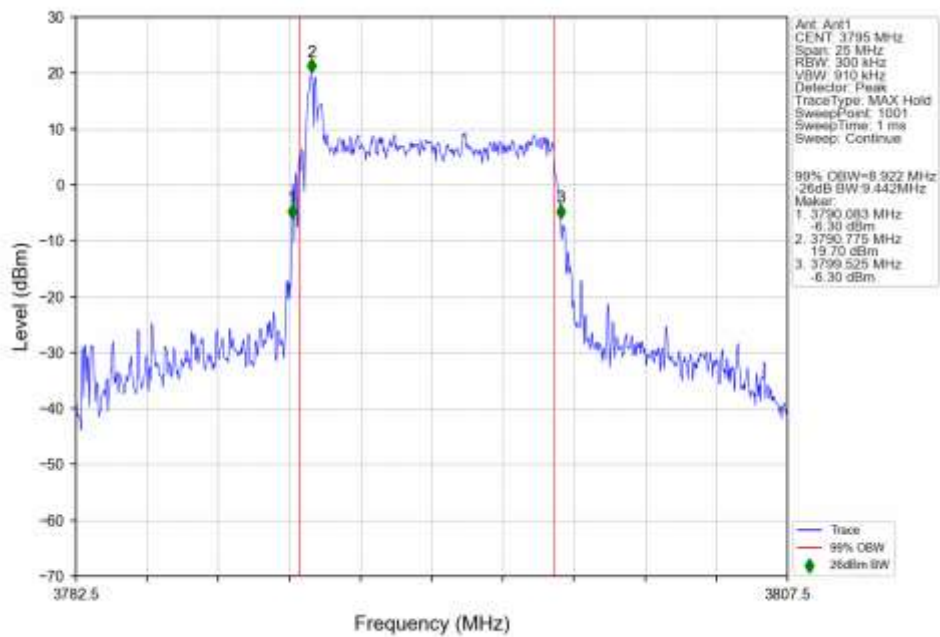
n78a 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3705MHz Outer Full Ant1



n78a 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

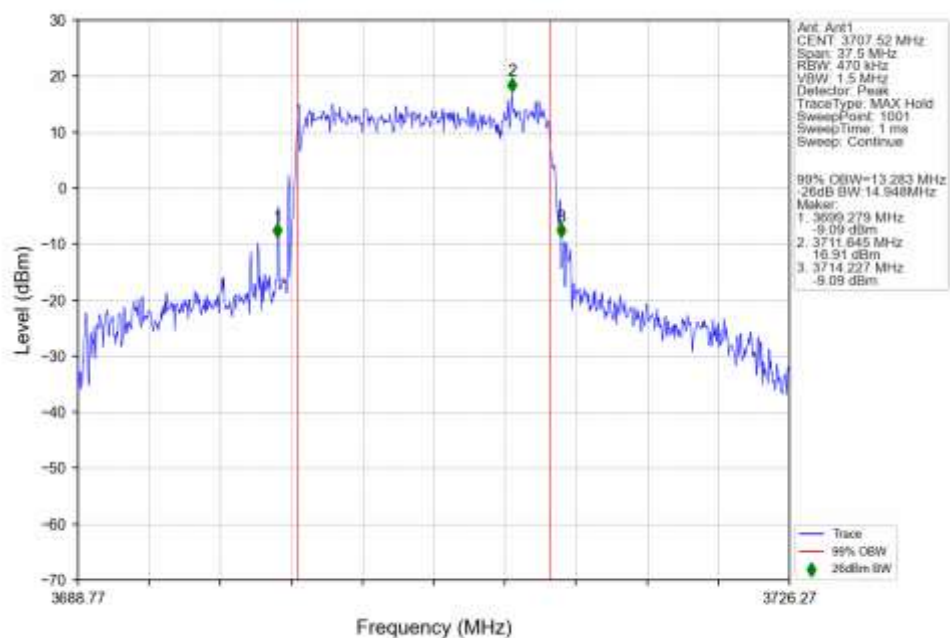


n78a 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3795MHz Outer Full Ant1

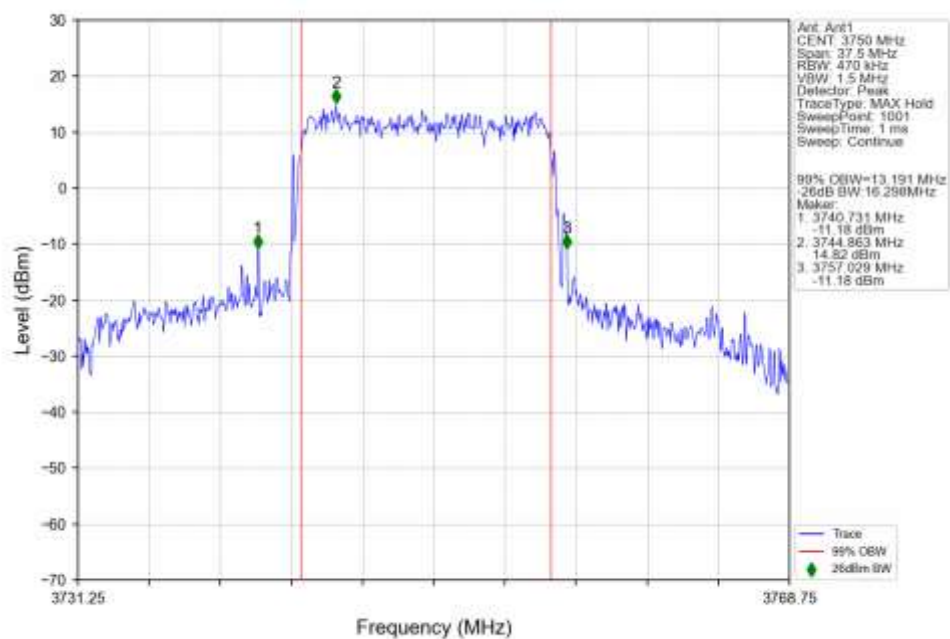


4.2.9 30k_SISO_15MHz_NTNV

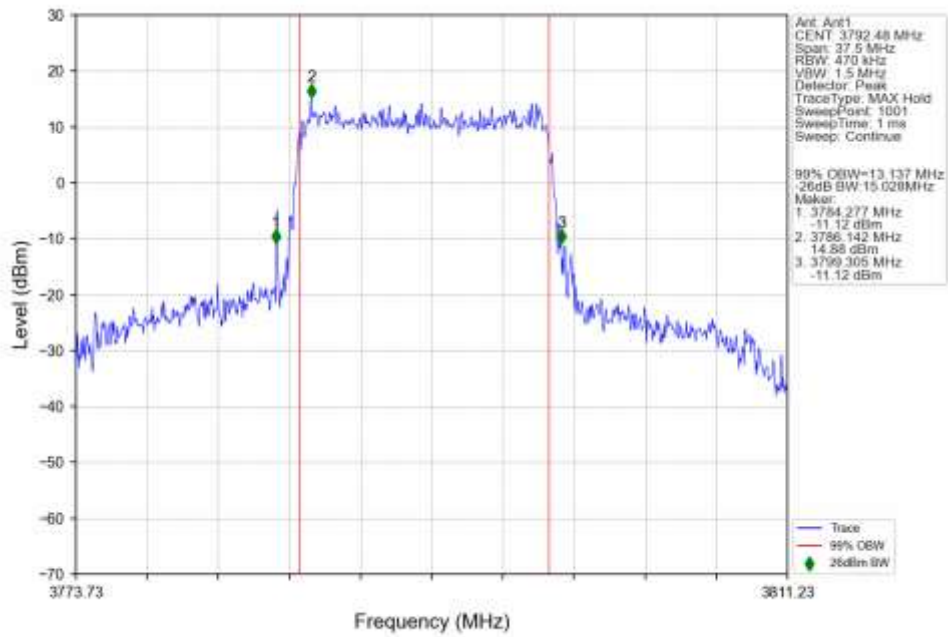
n78a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3707.52MHz_Outer_Full_Ant1



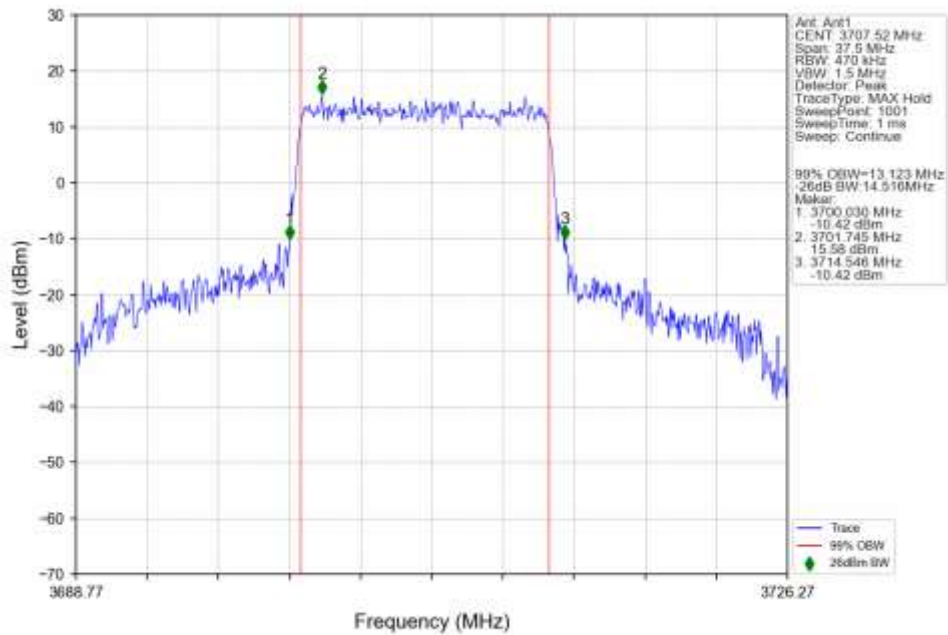
n78a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant1



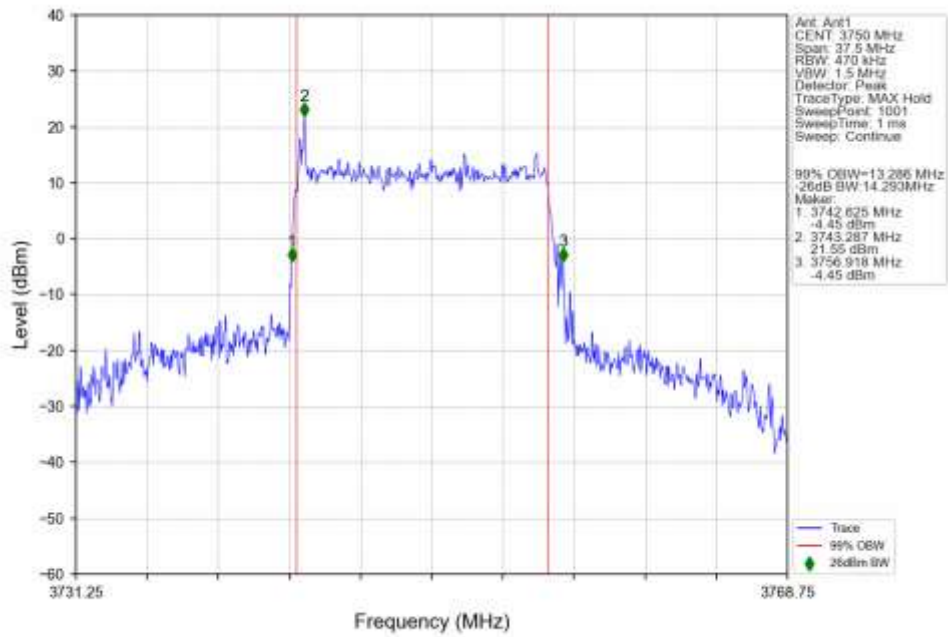
n78a 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 3792.48MHz Outer Full Ant1



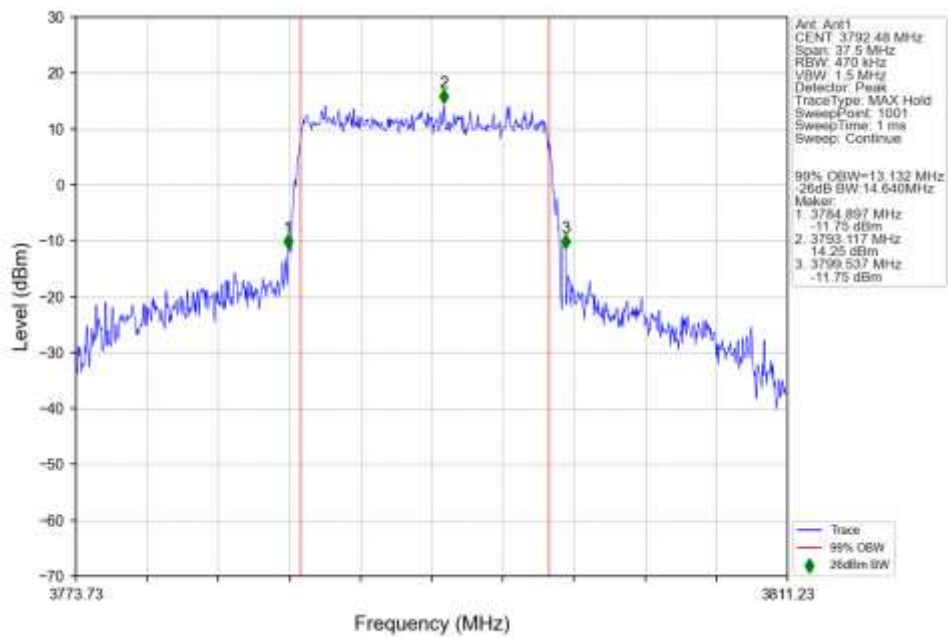
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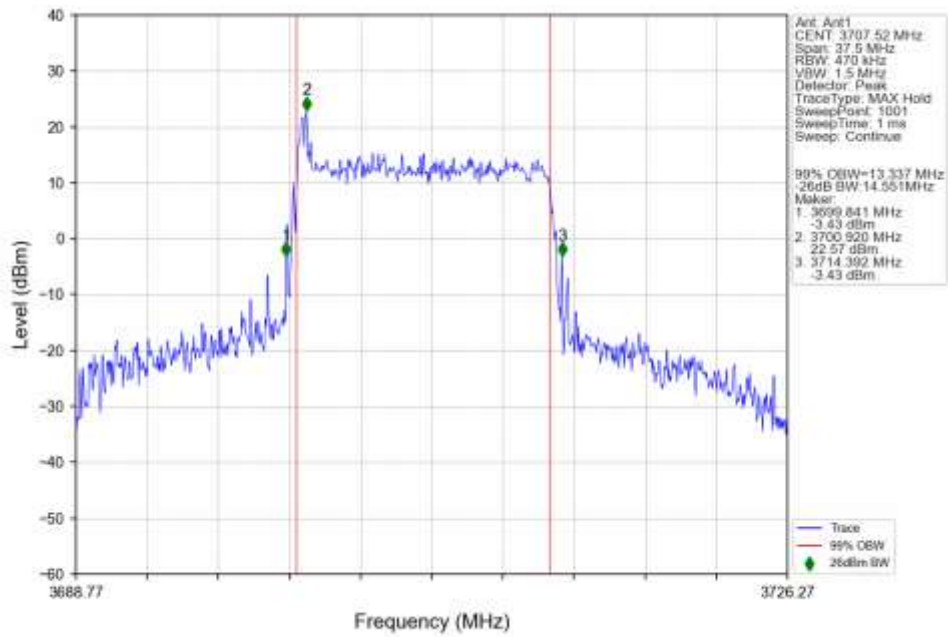
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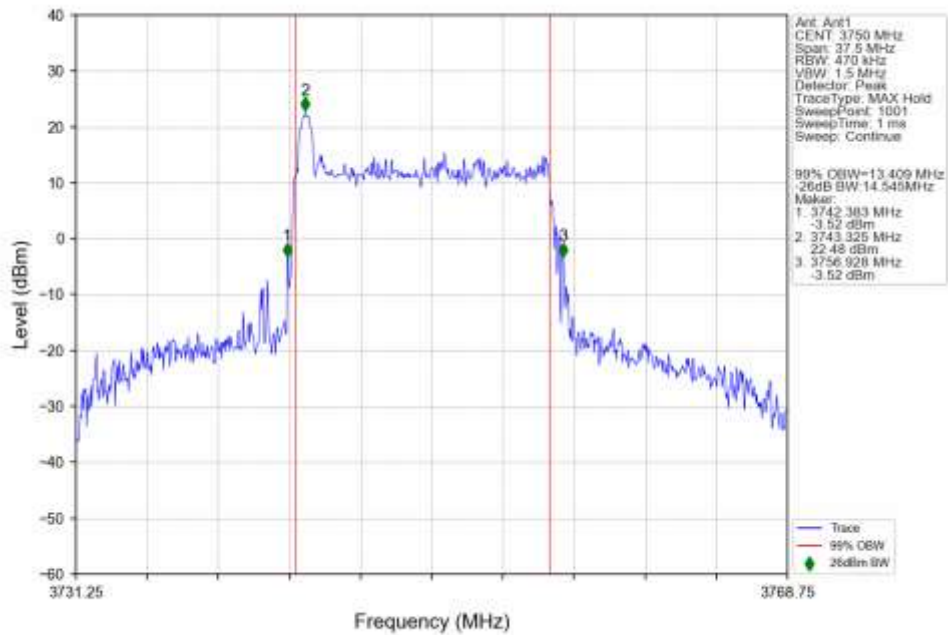
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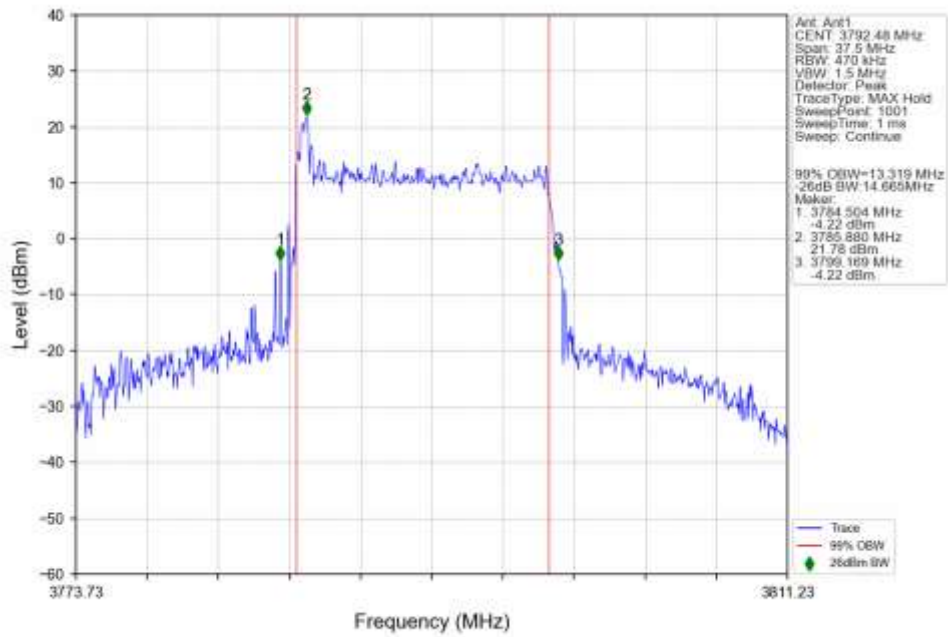
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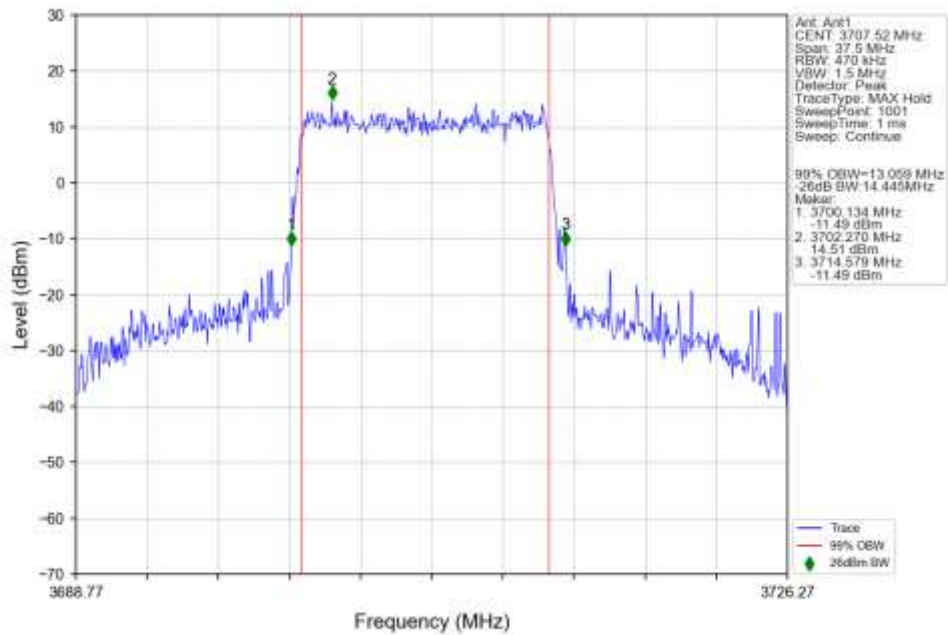
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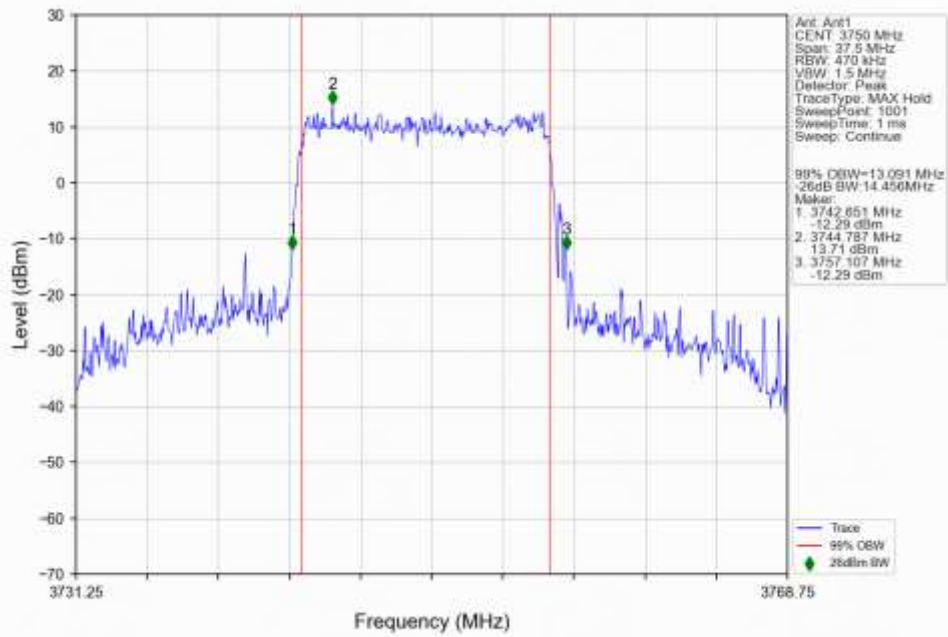
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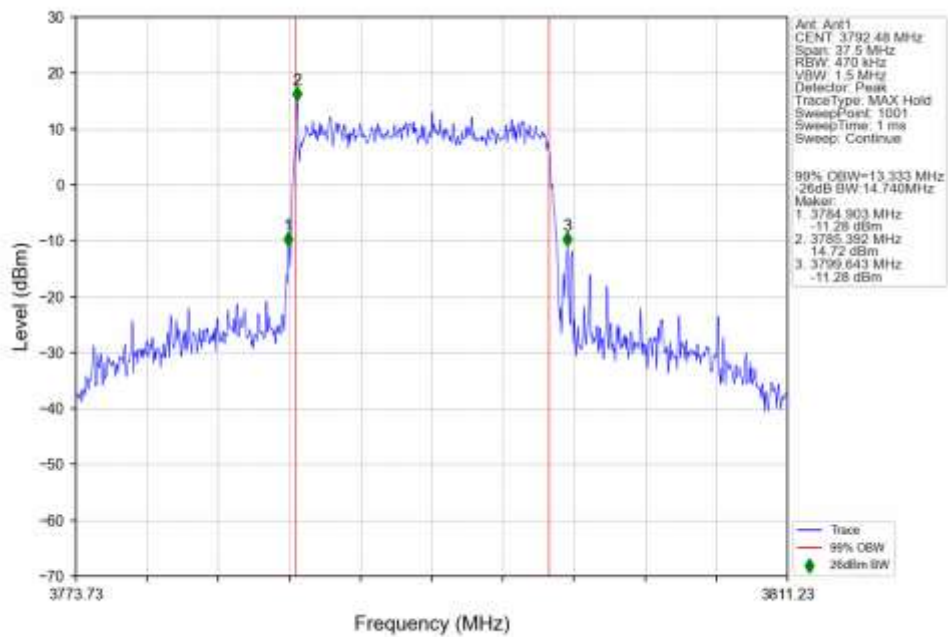
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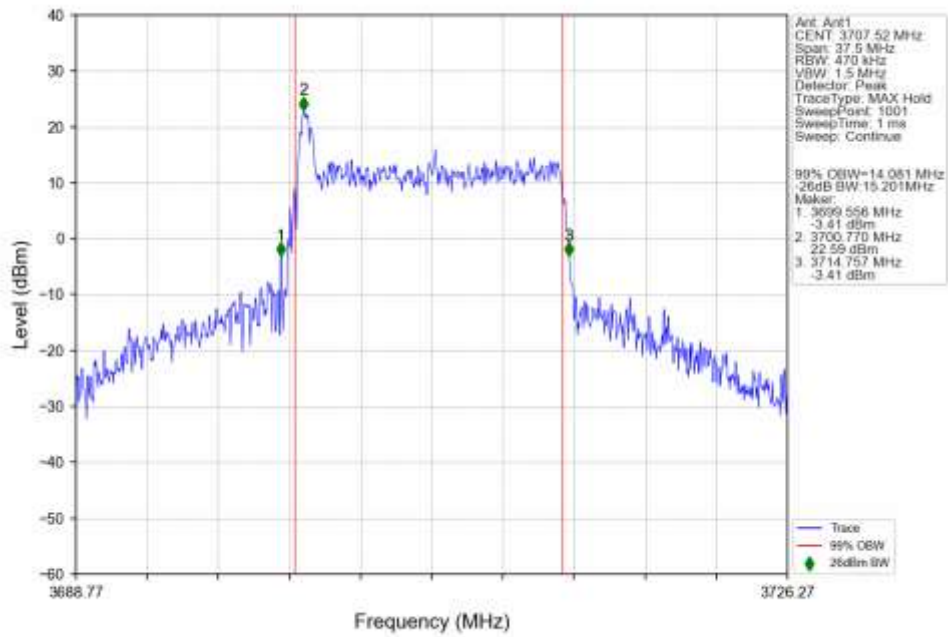
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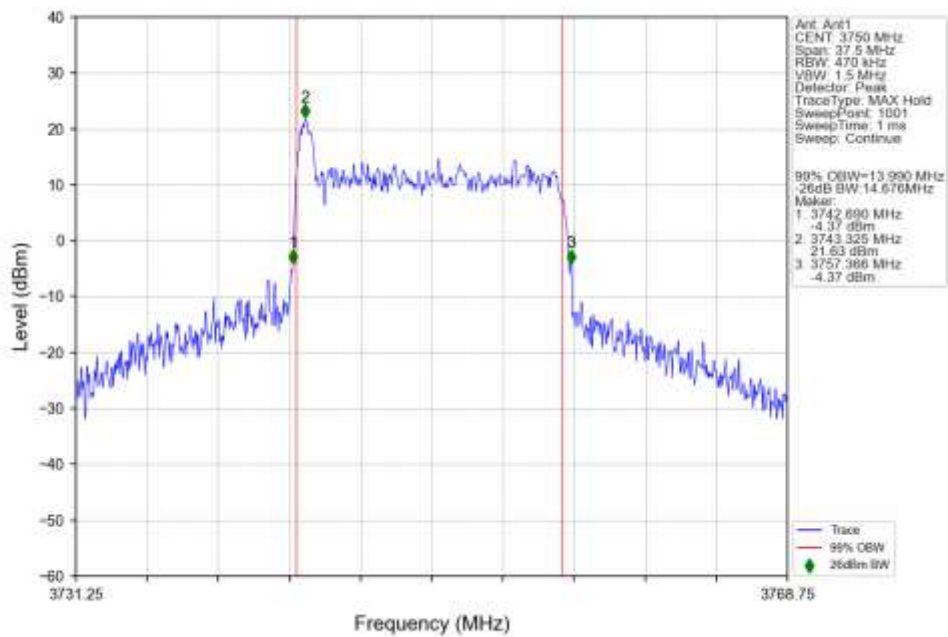
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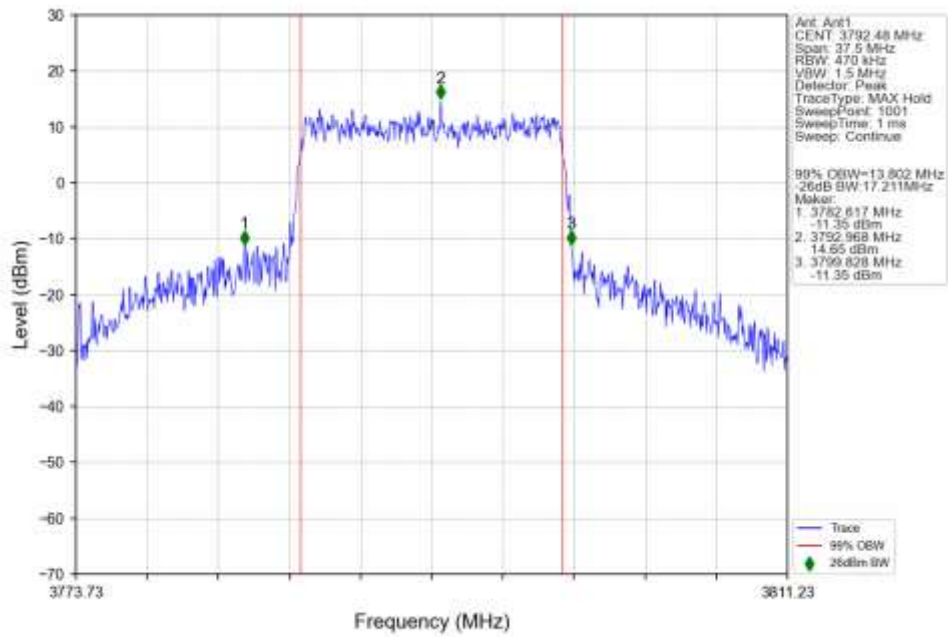
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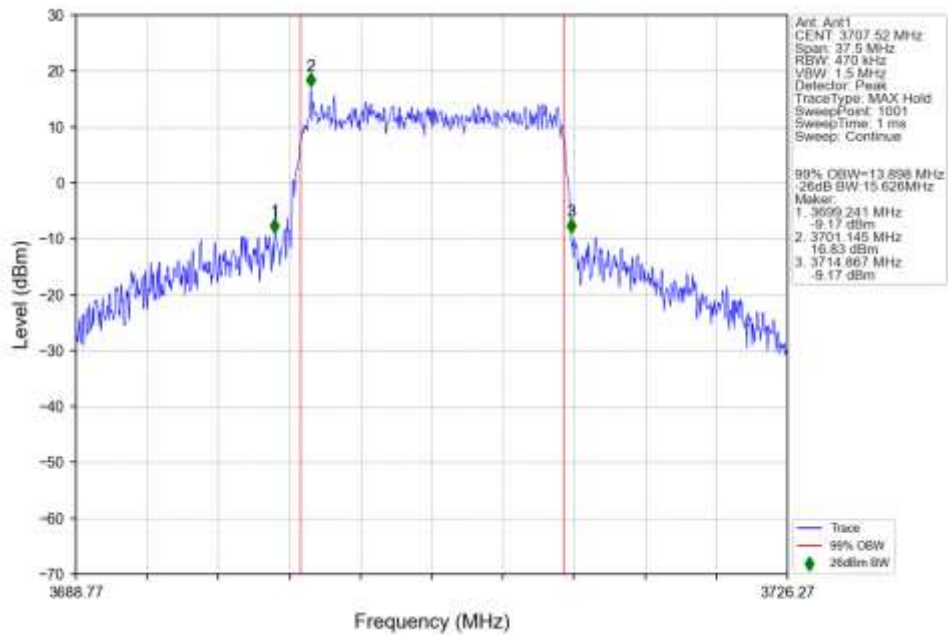
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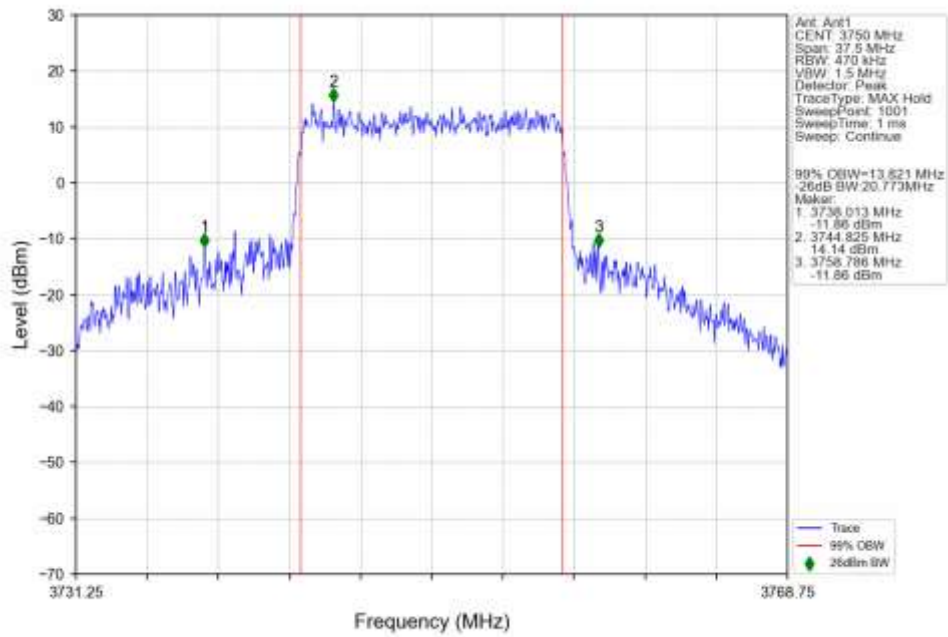
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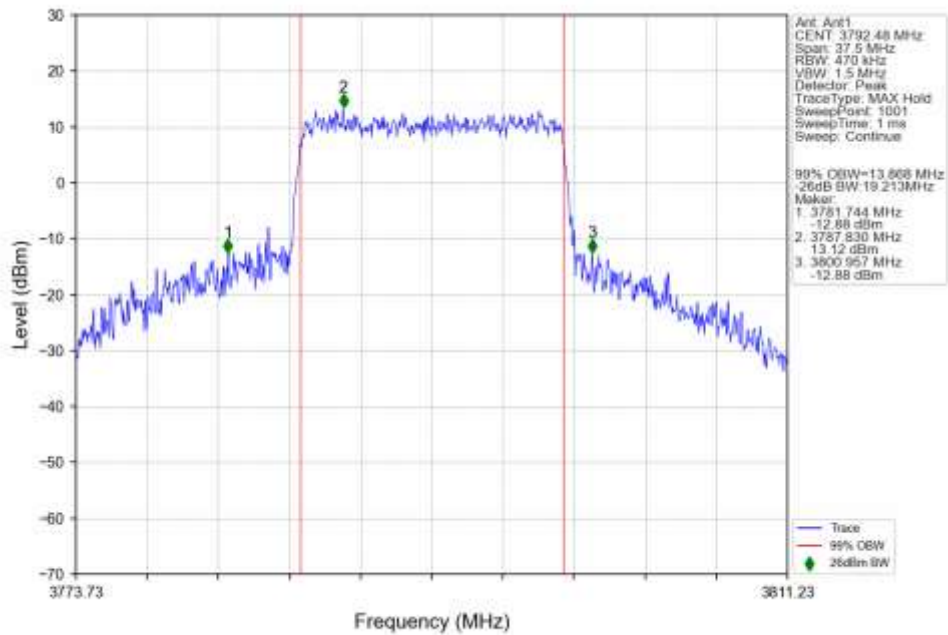
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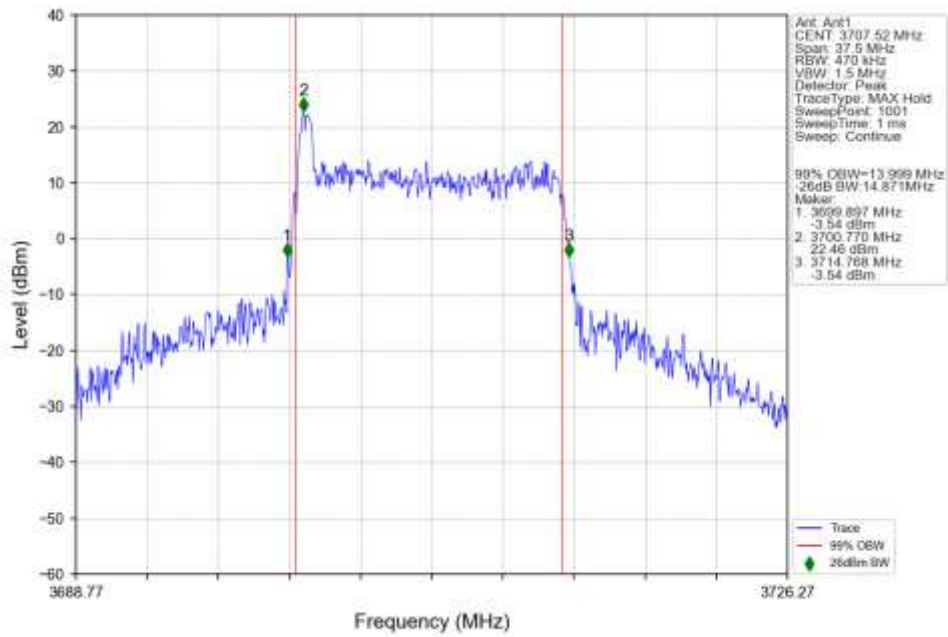
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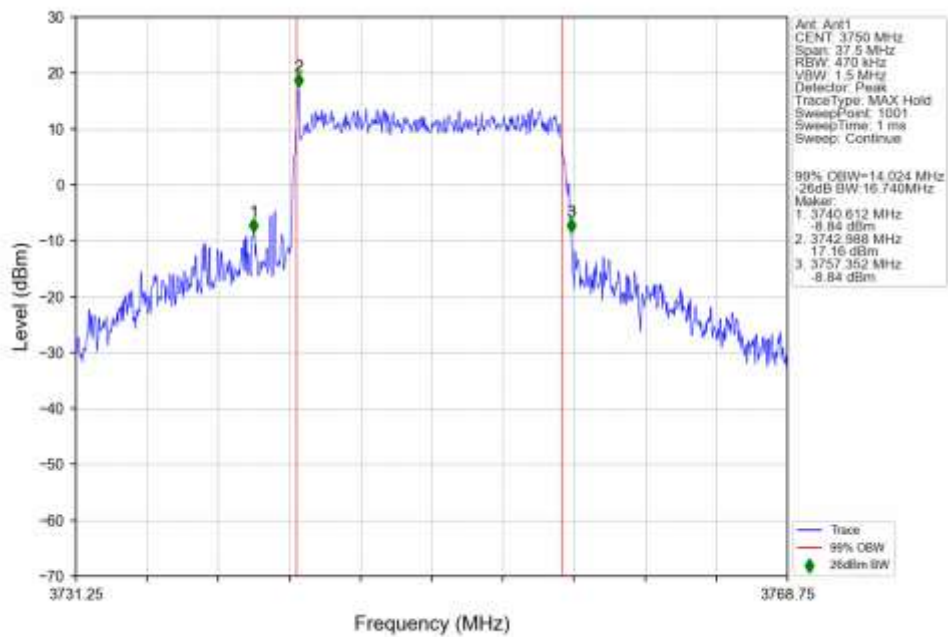
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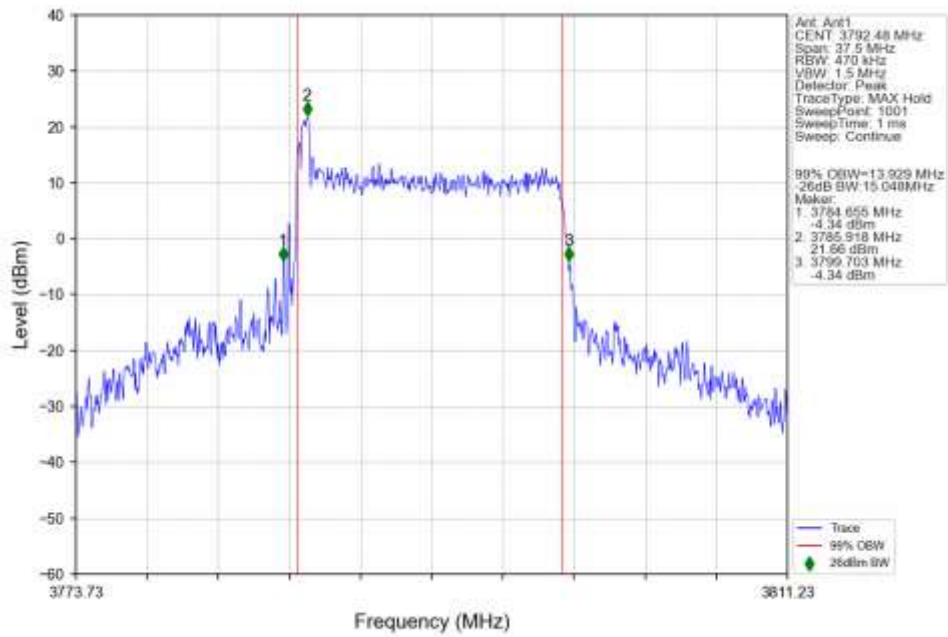
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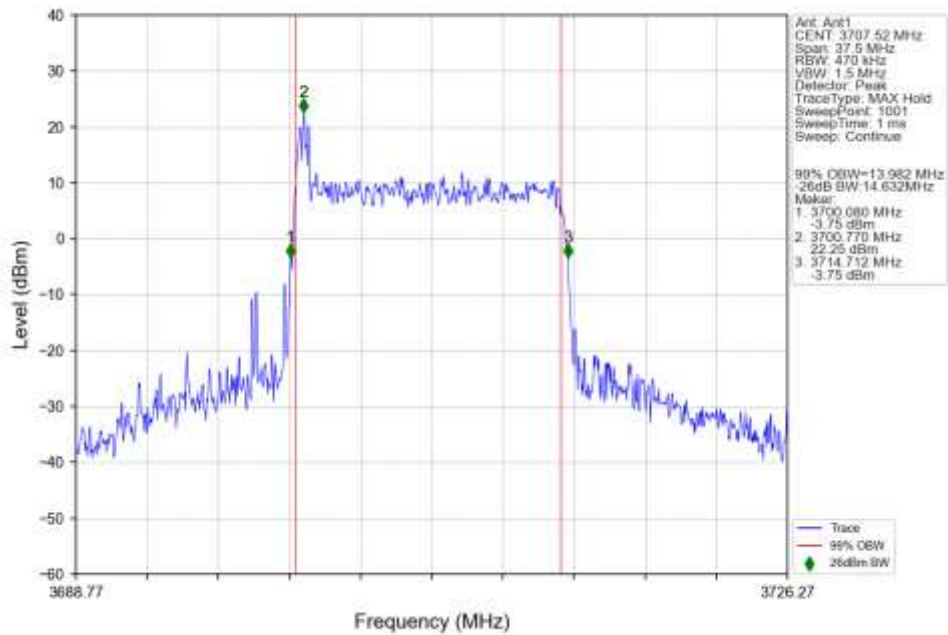
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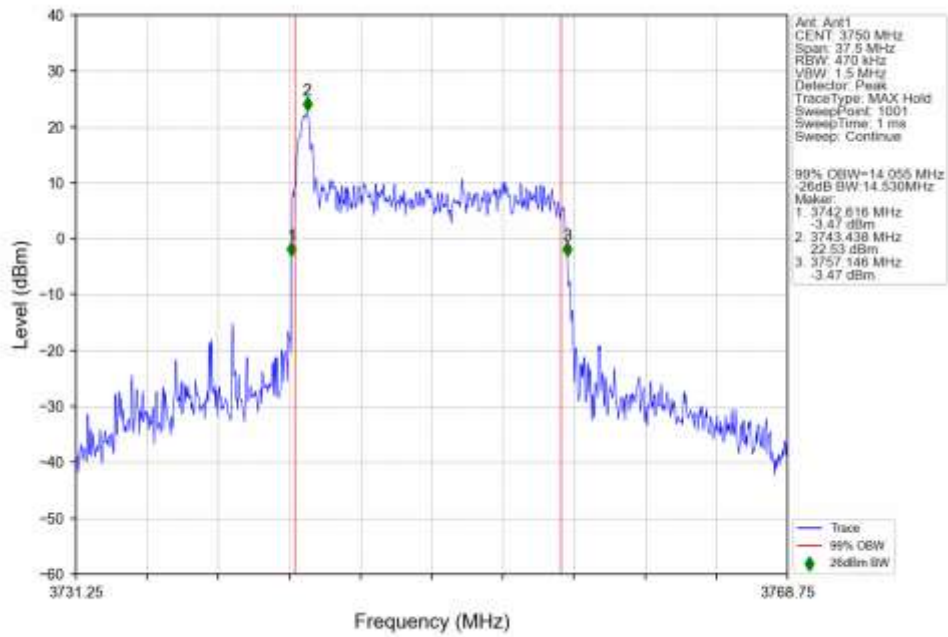
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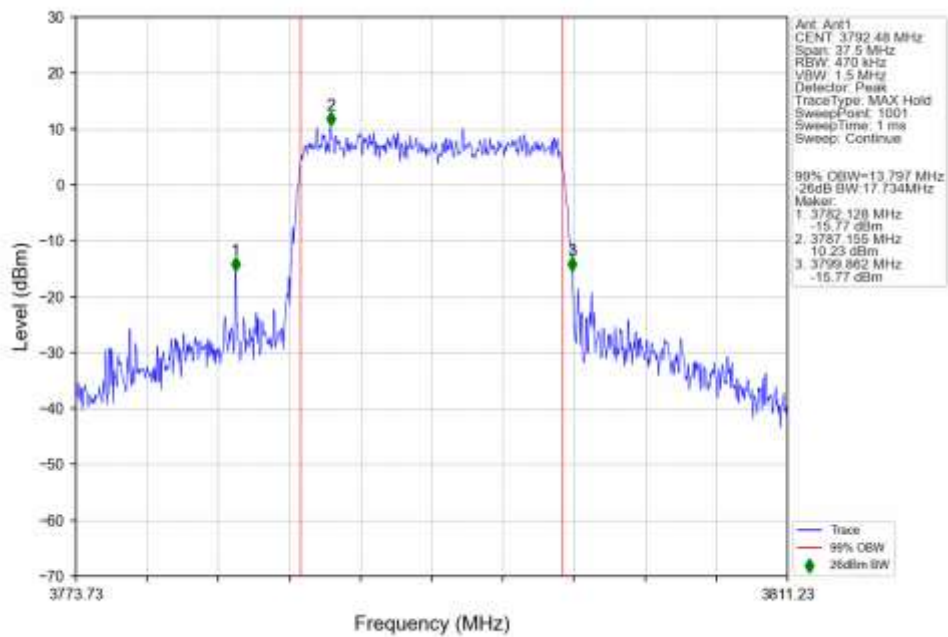
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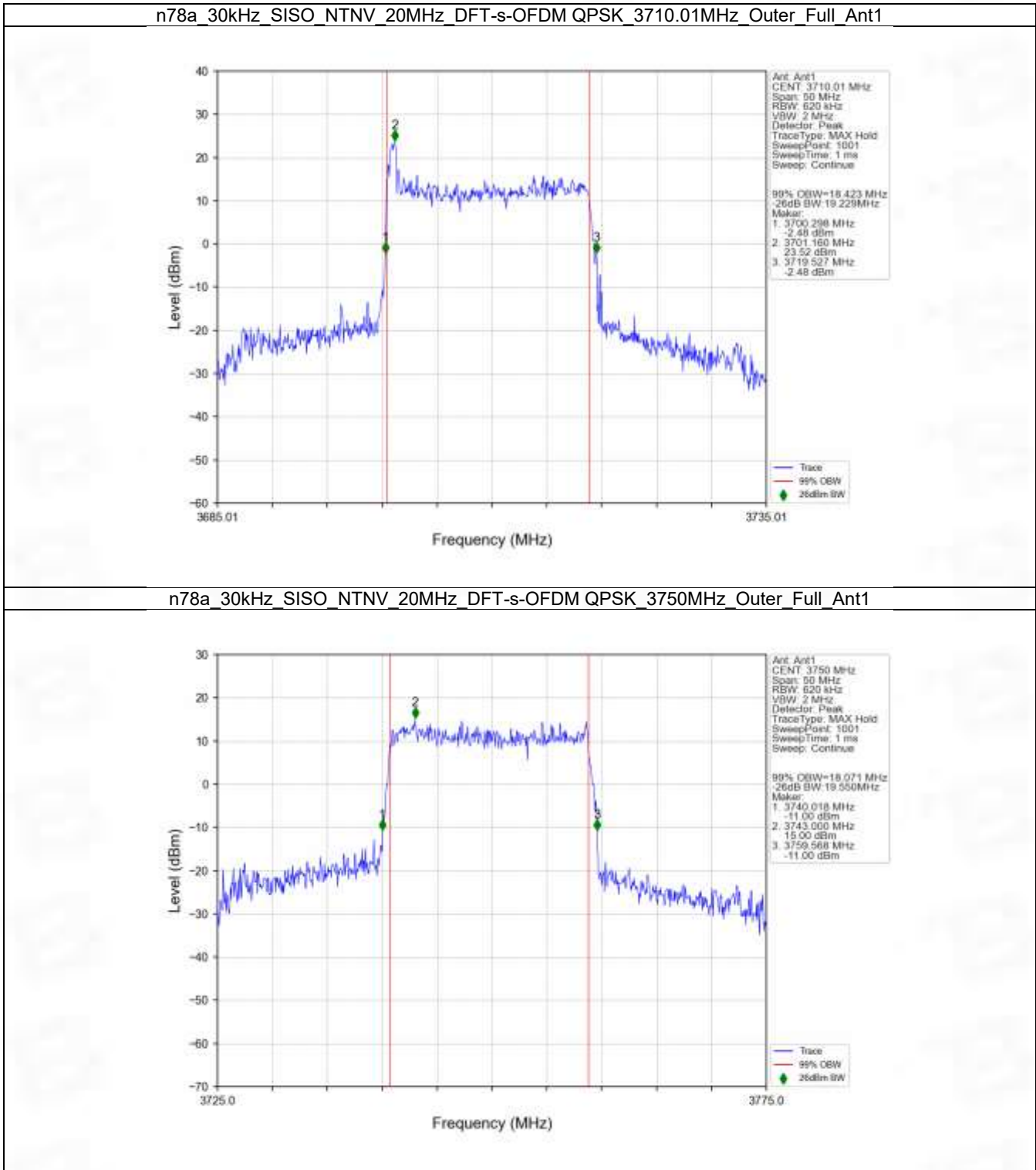
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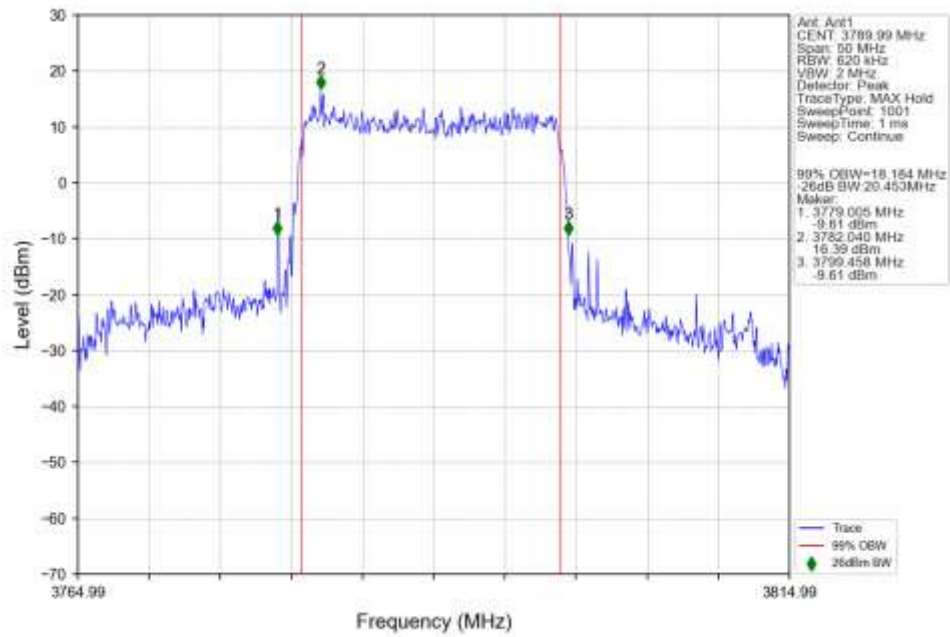
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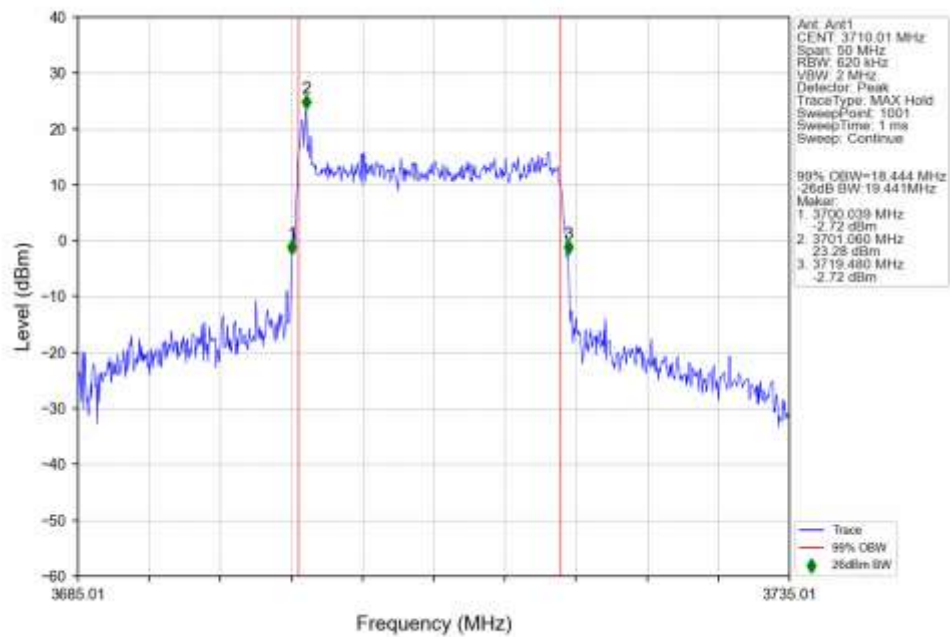
4.2.10 30k_SISO_20MHz_NTNV



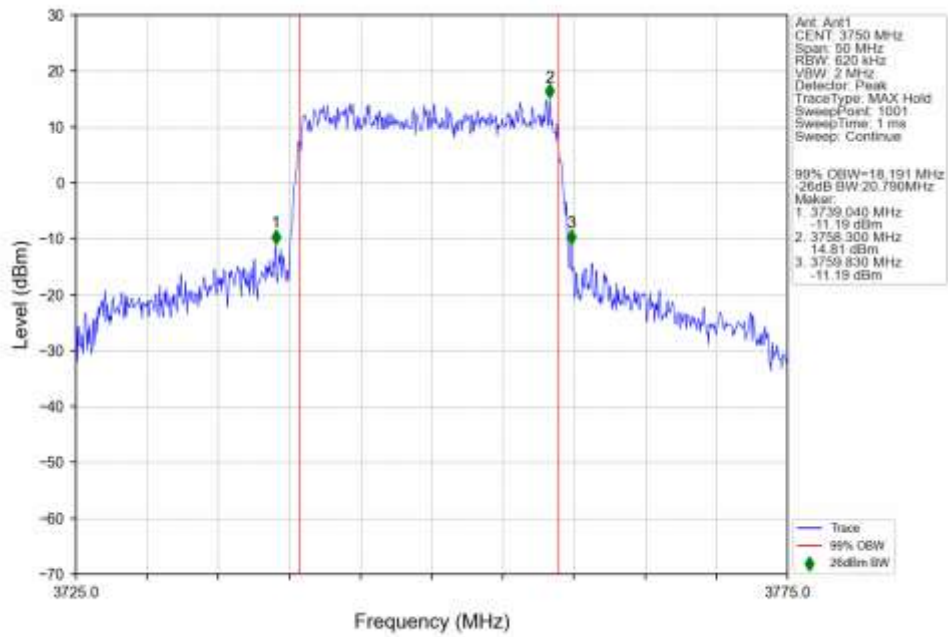
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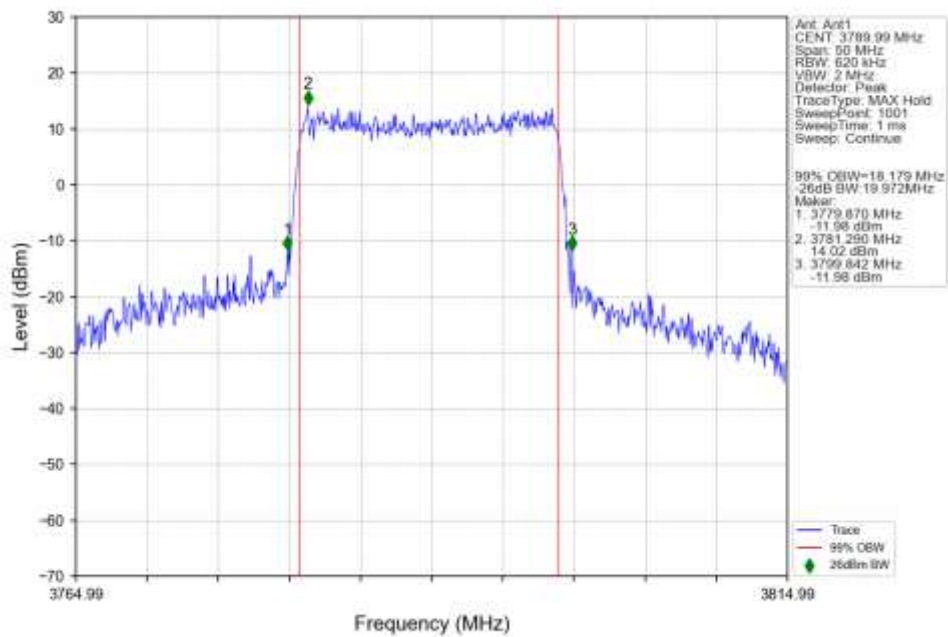
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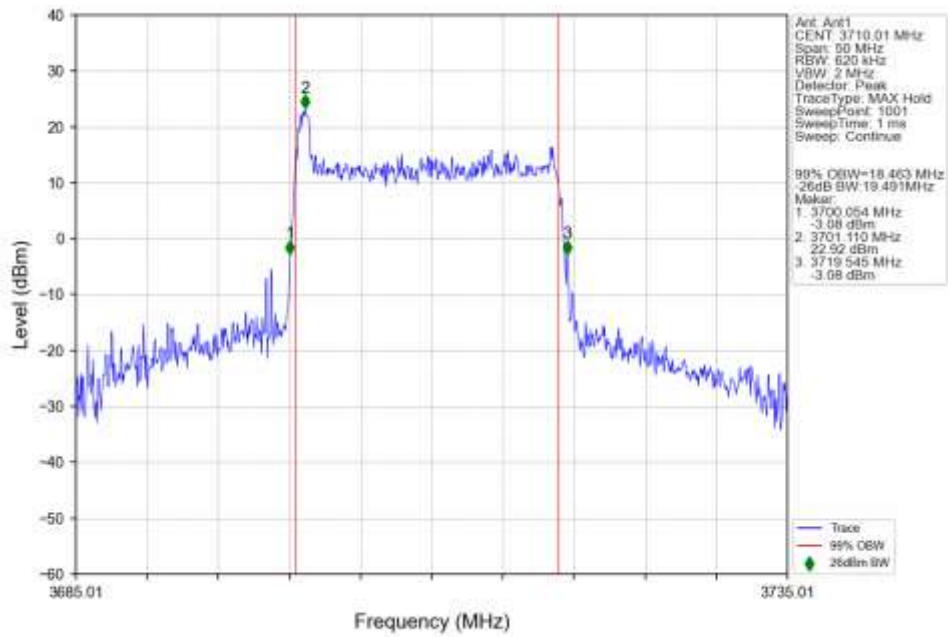
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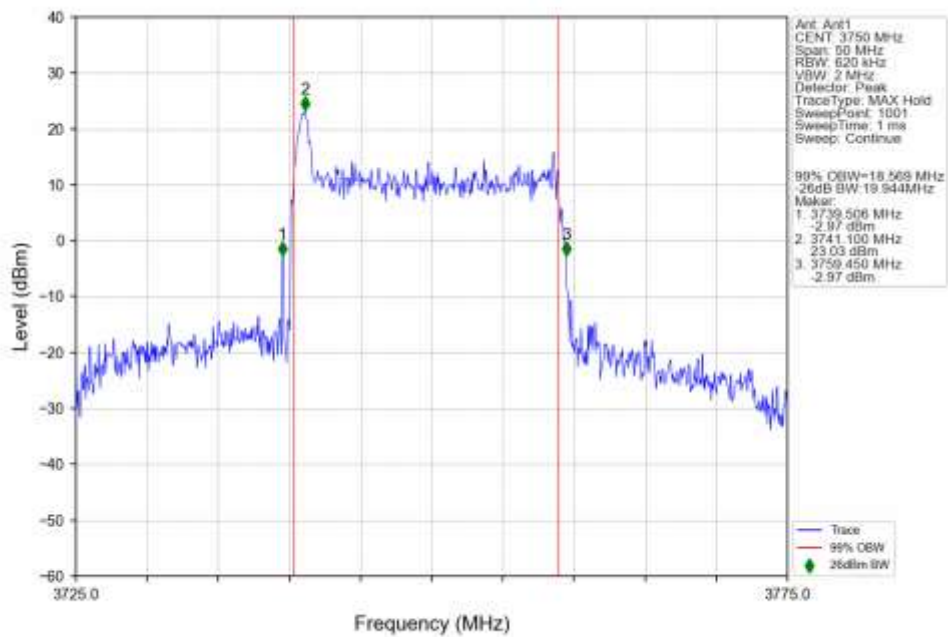
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3789.99MHz Outer Full Ant1



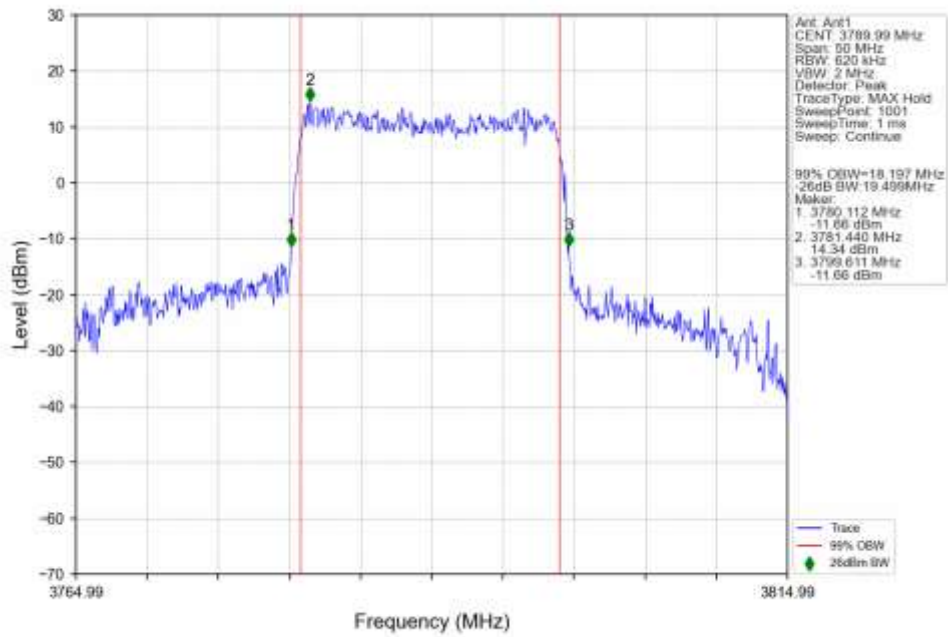
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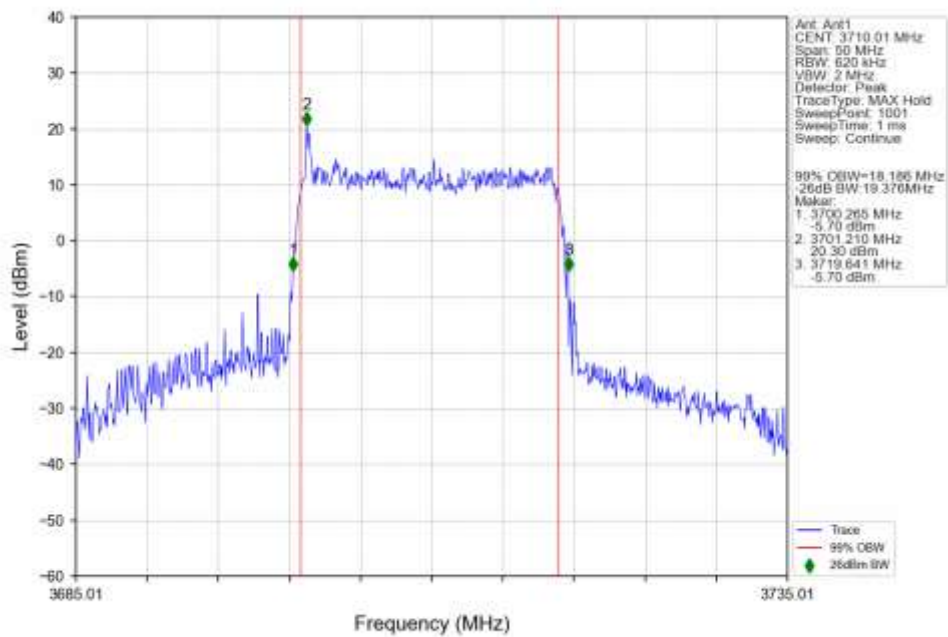
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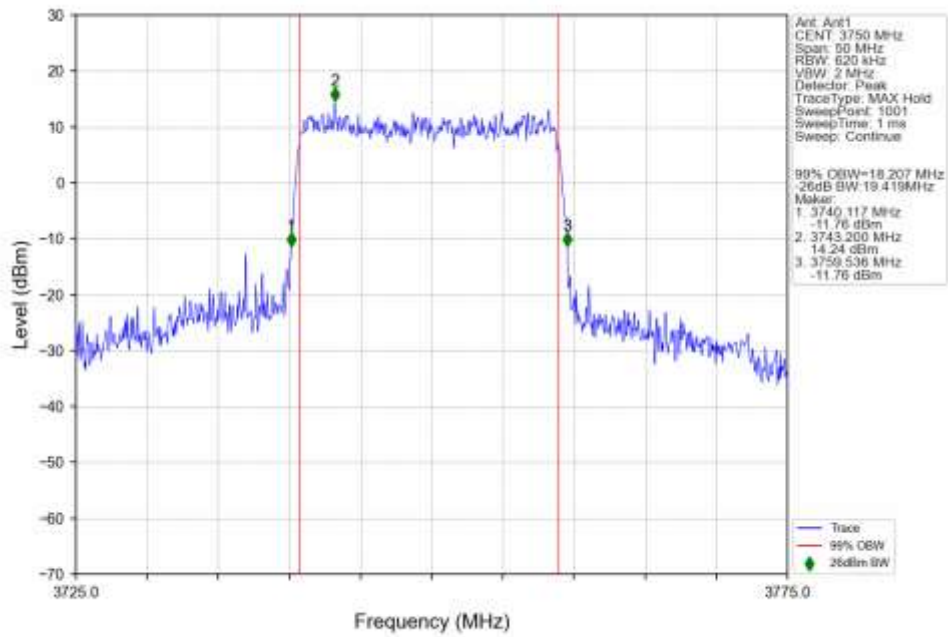
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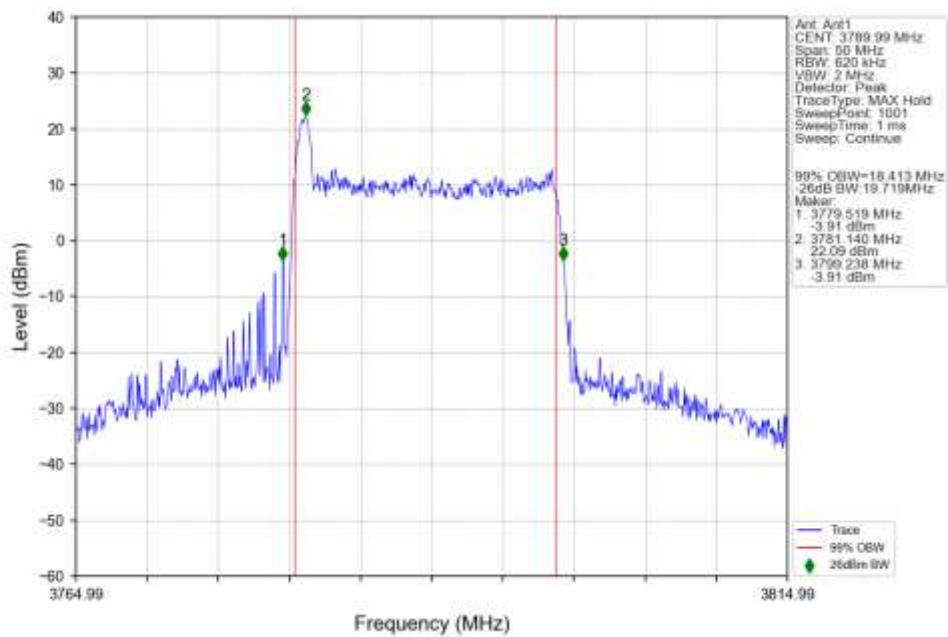
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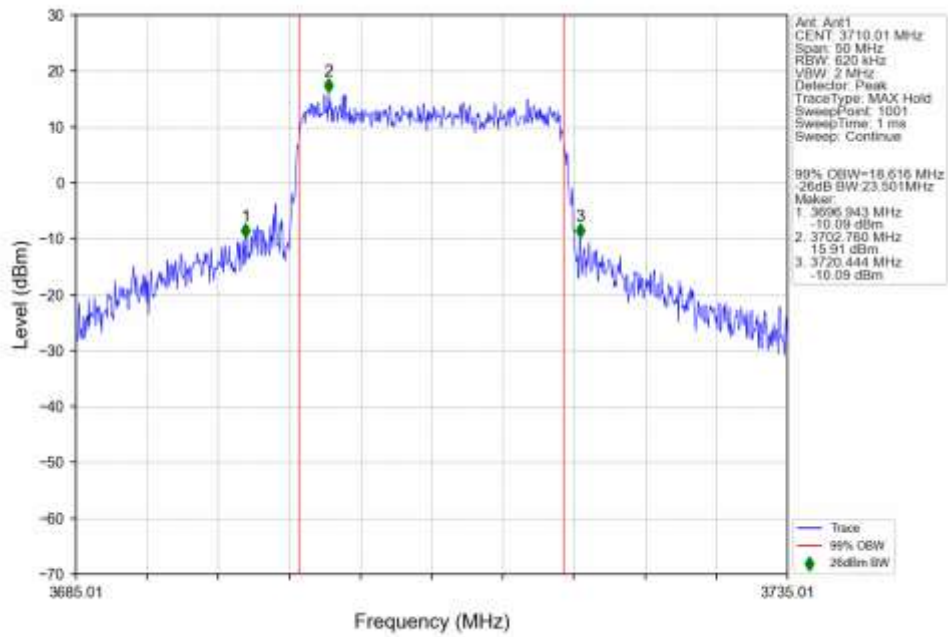
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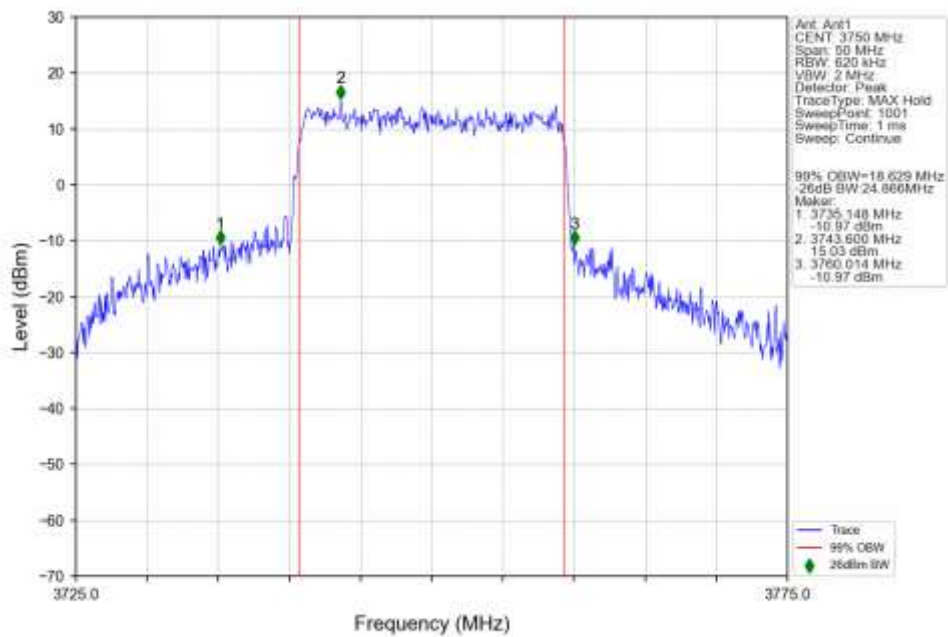
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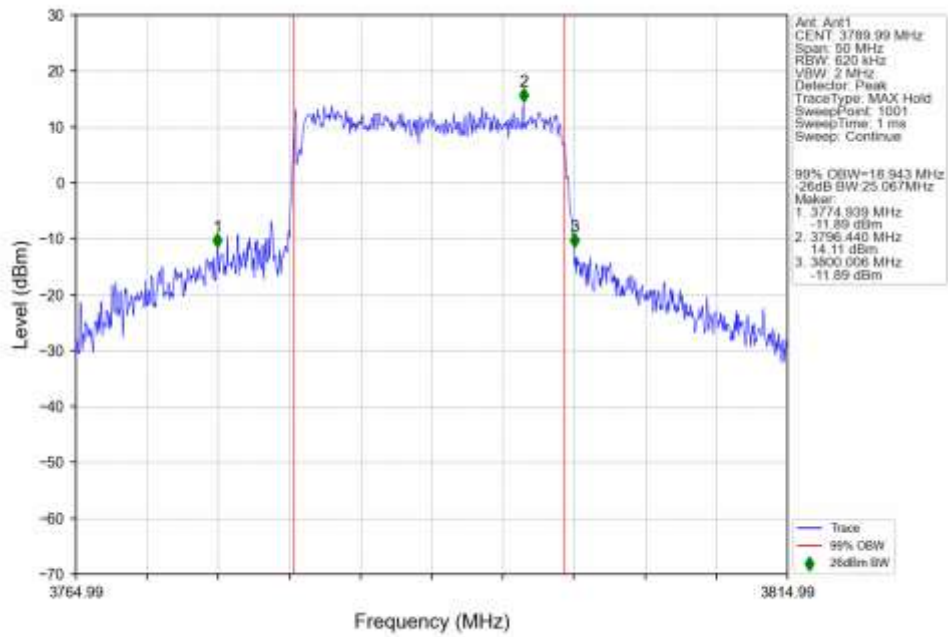
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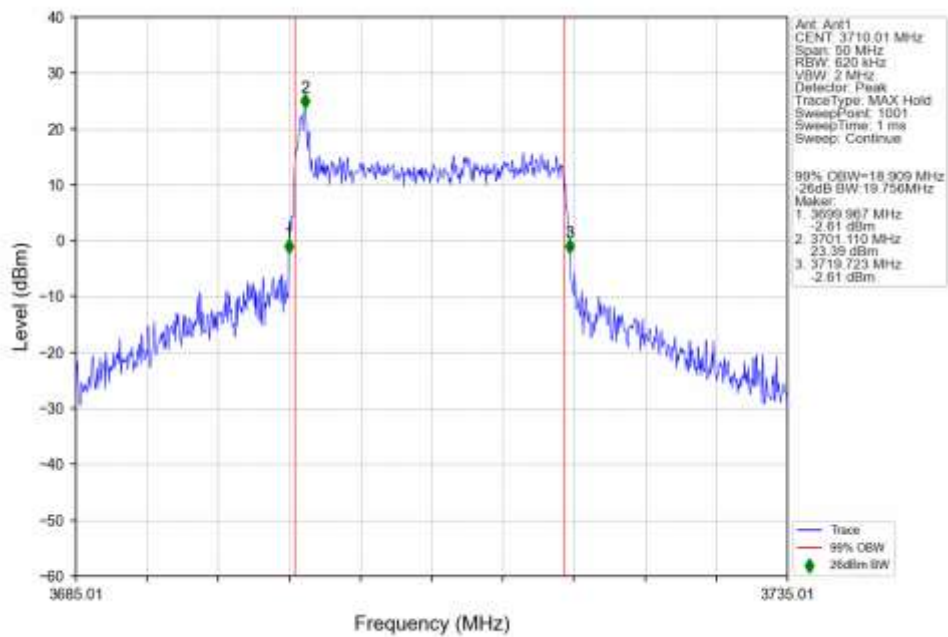
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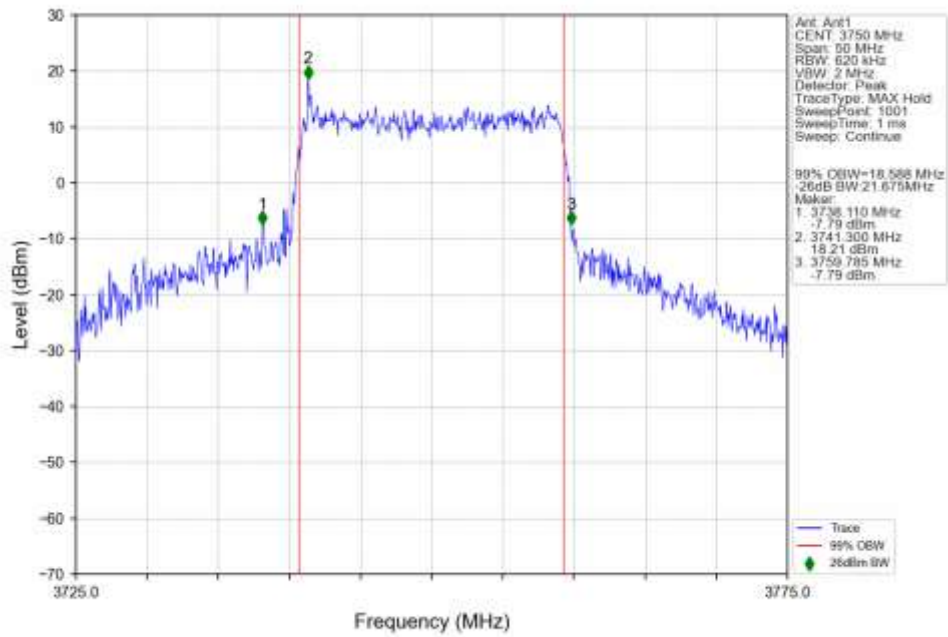
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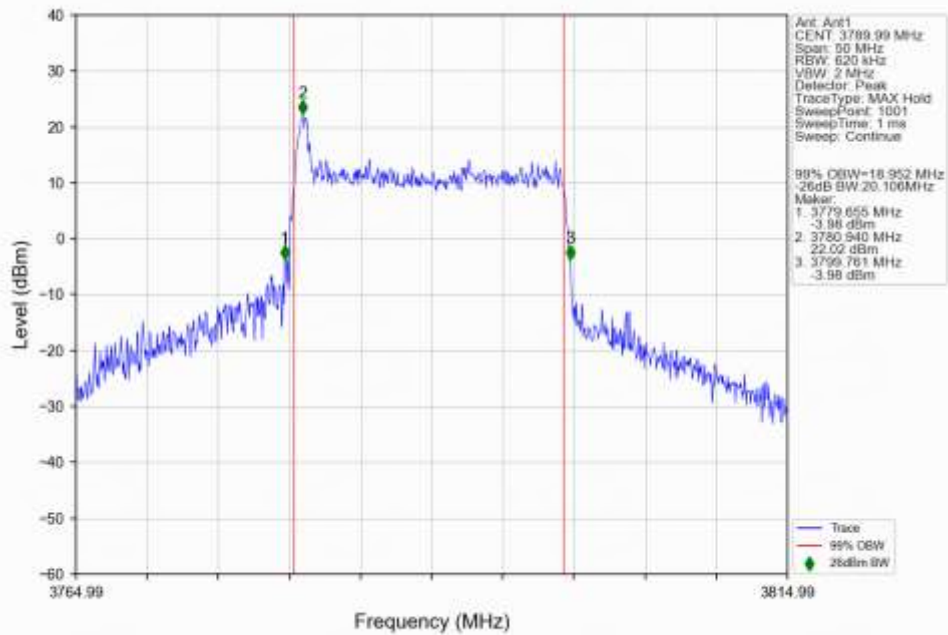
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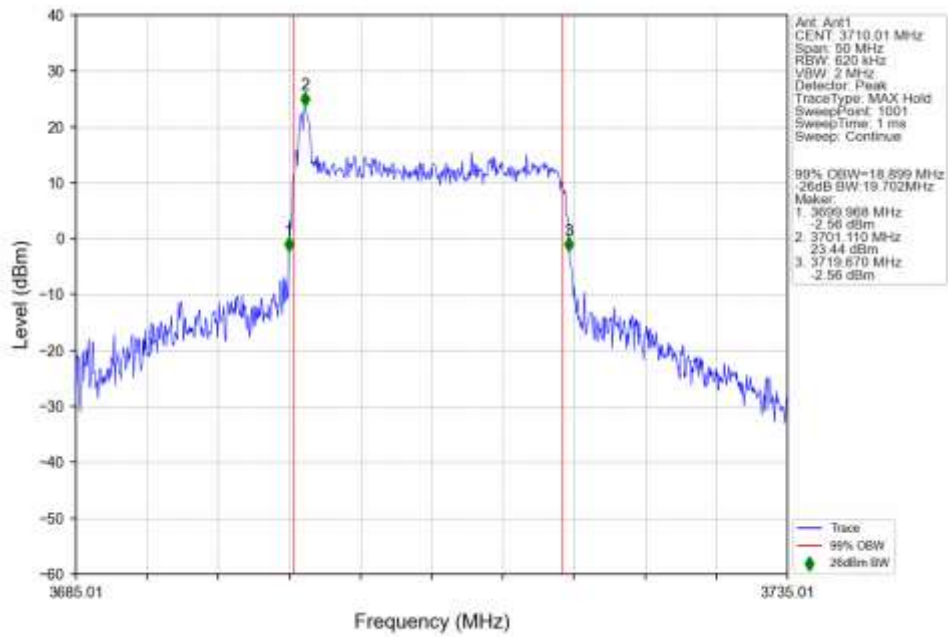
n78a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



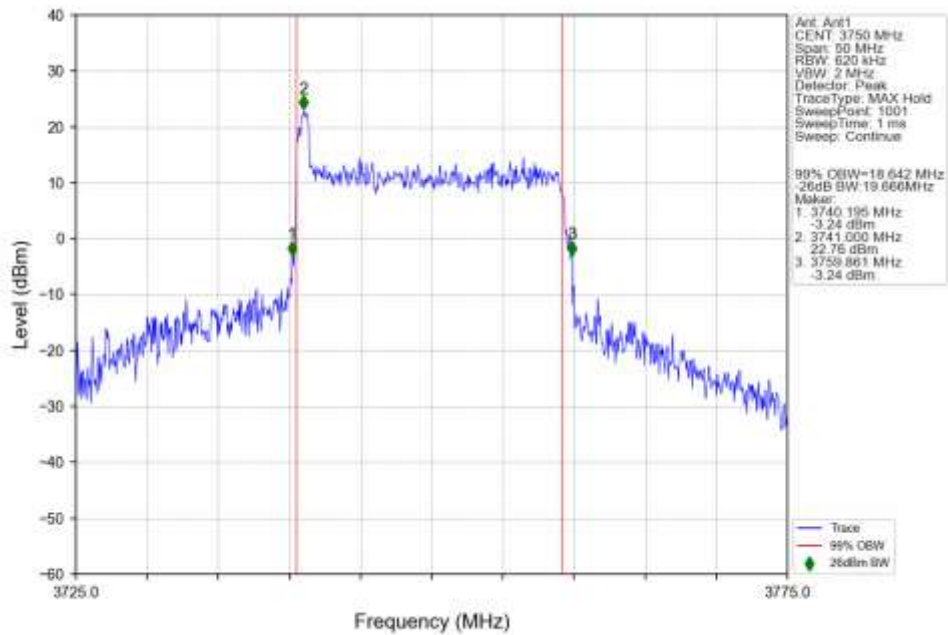
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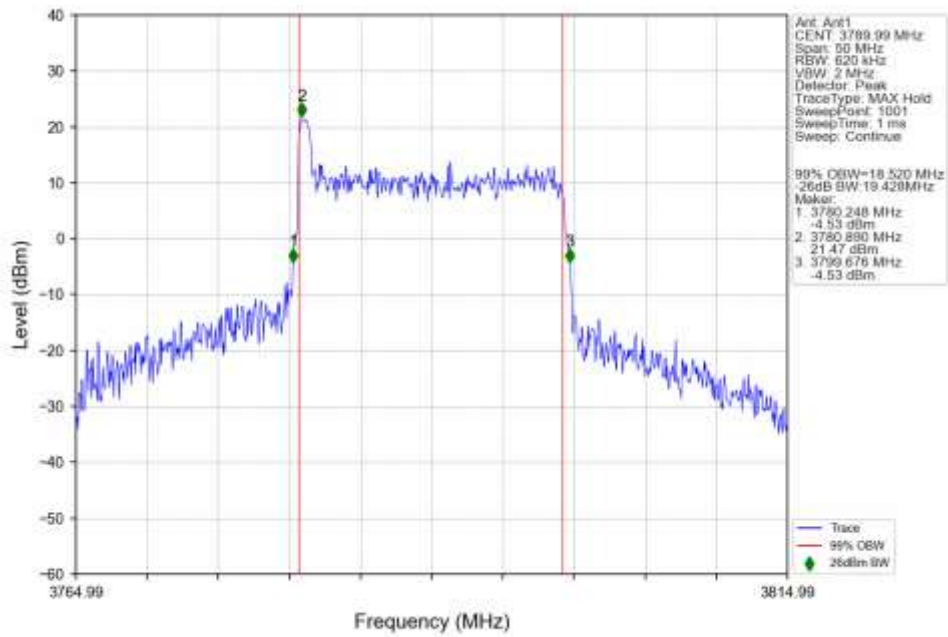
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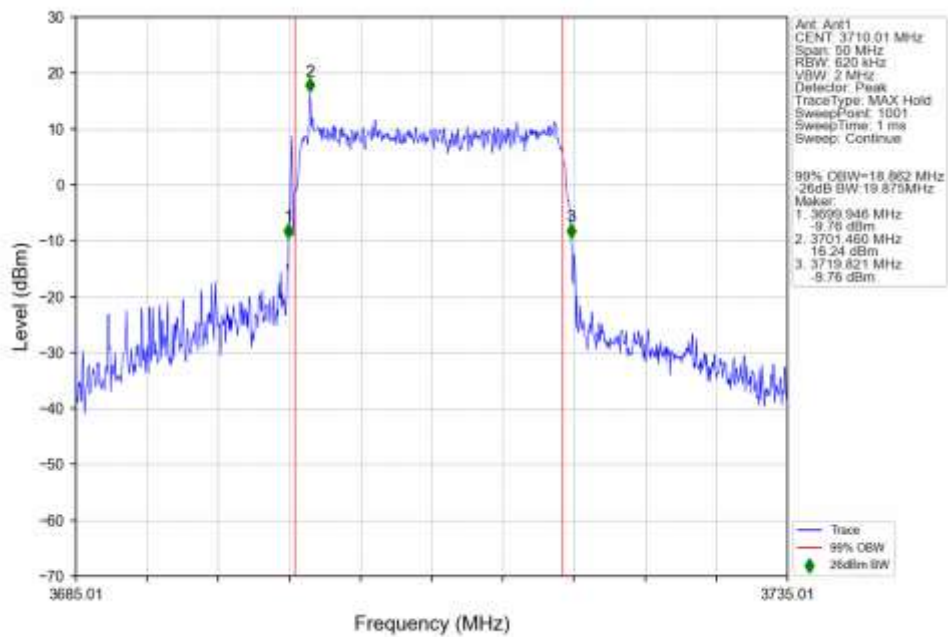
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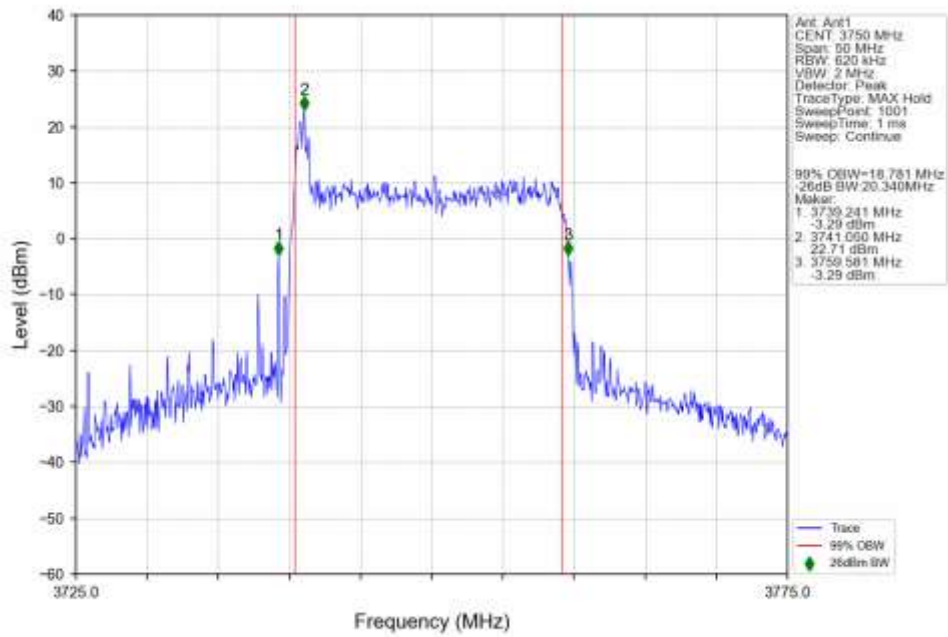
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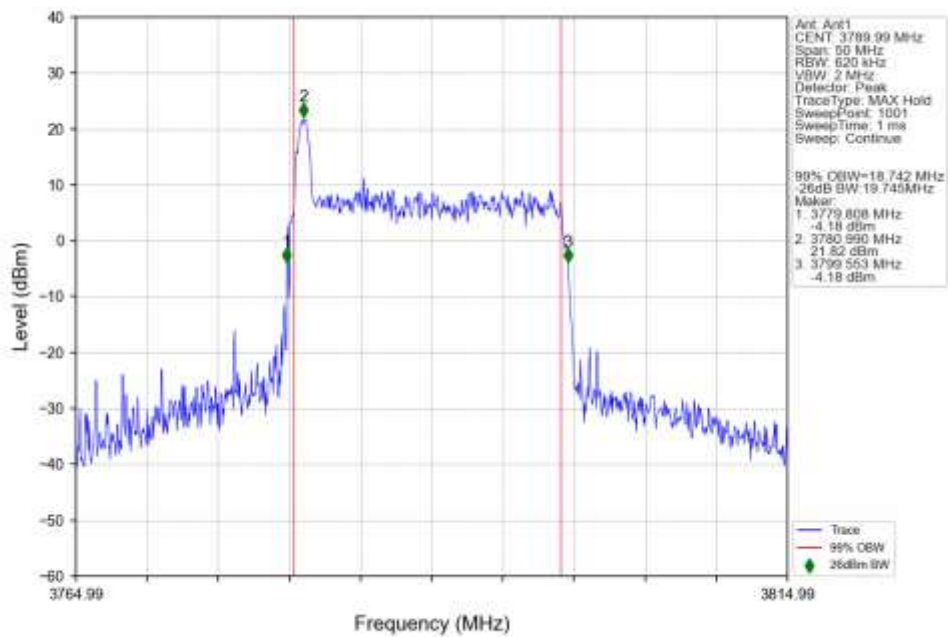
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n78a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

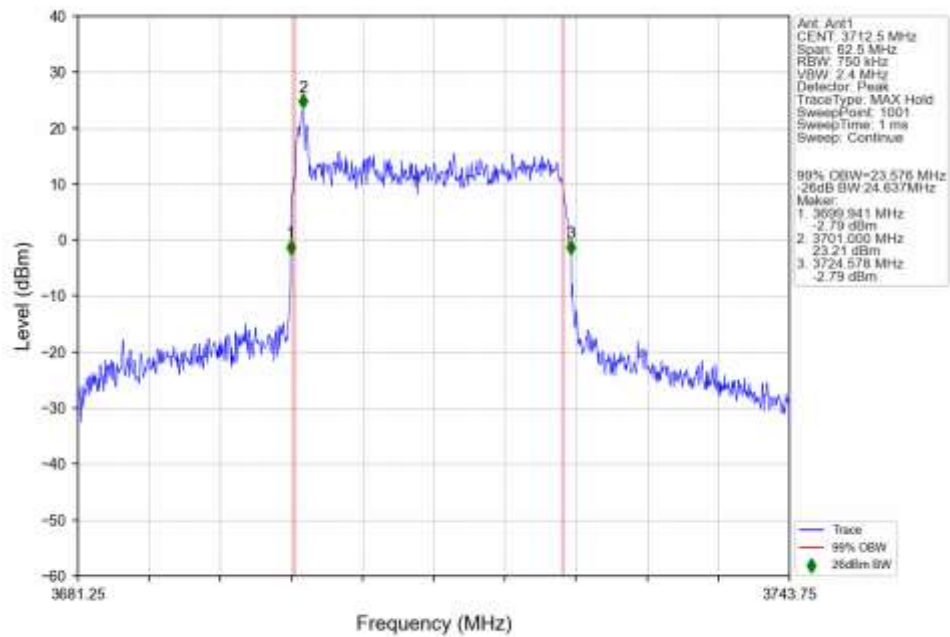


n78a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3789.99MHz Outer Full Ant1

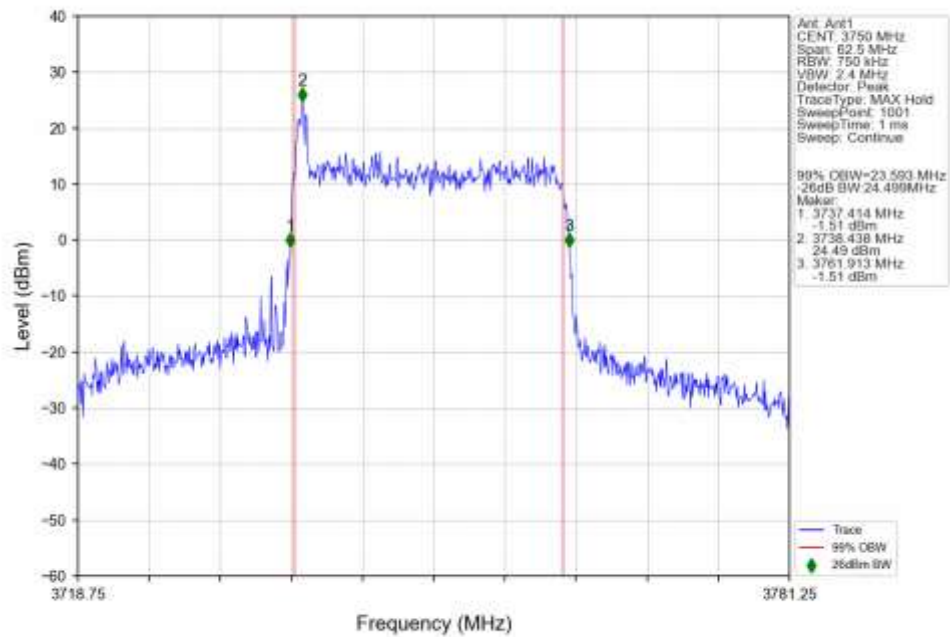


4.2.11 30k_SISO_25MHz_NTNV

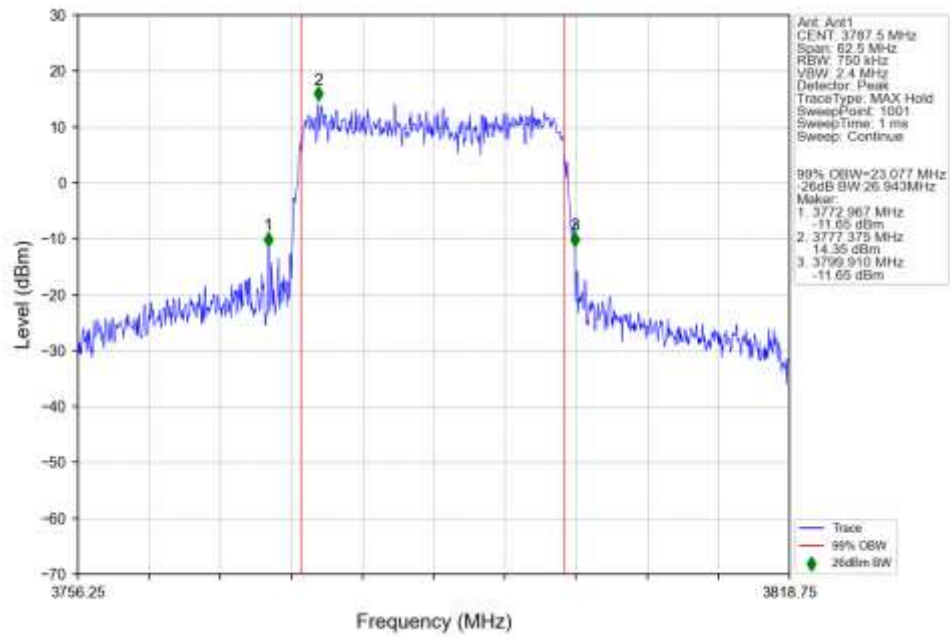
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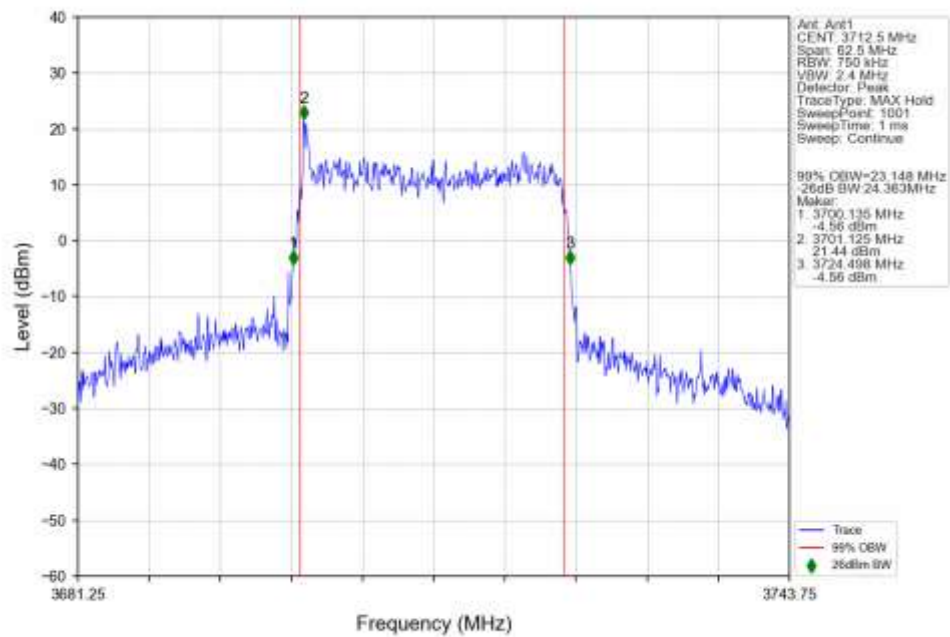
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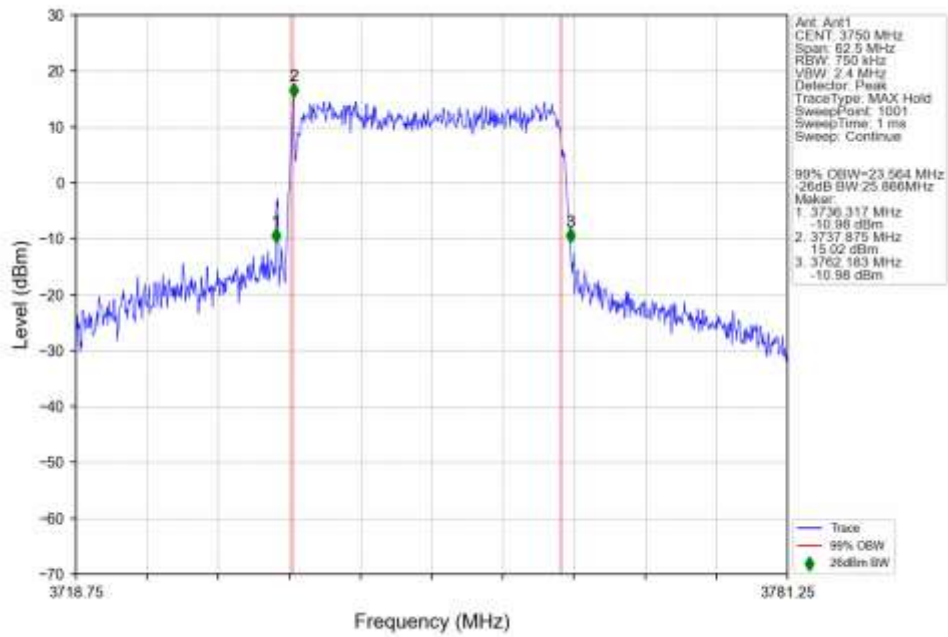
n78a 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 3787.5MHz Outer Full Ant1



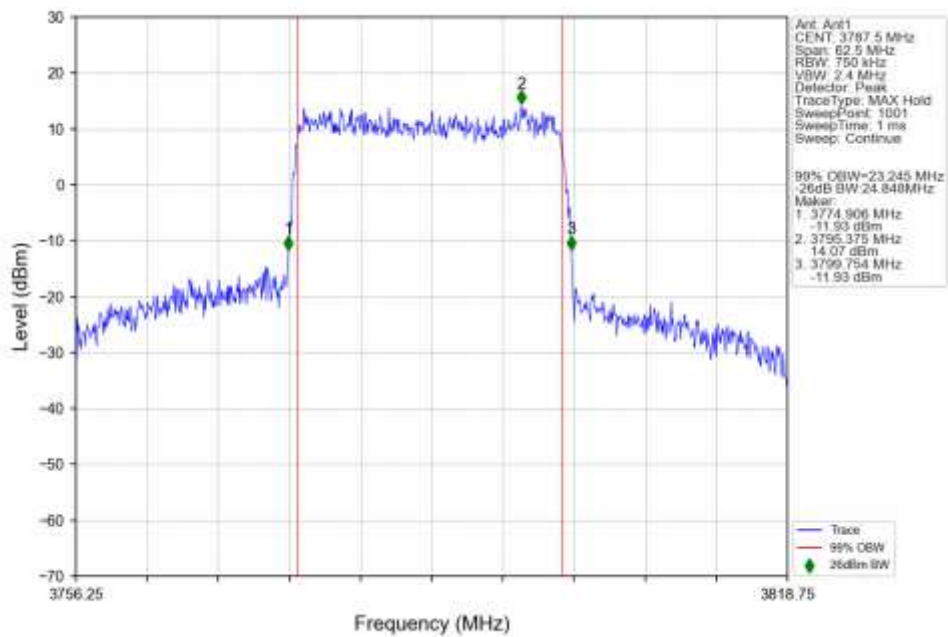
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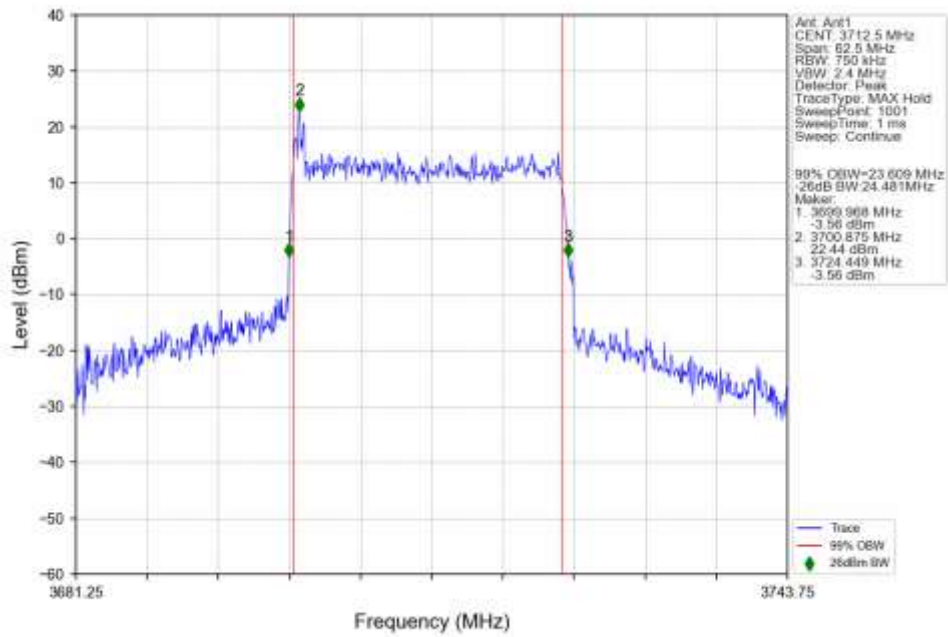
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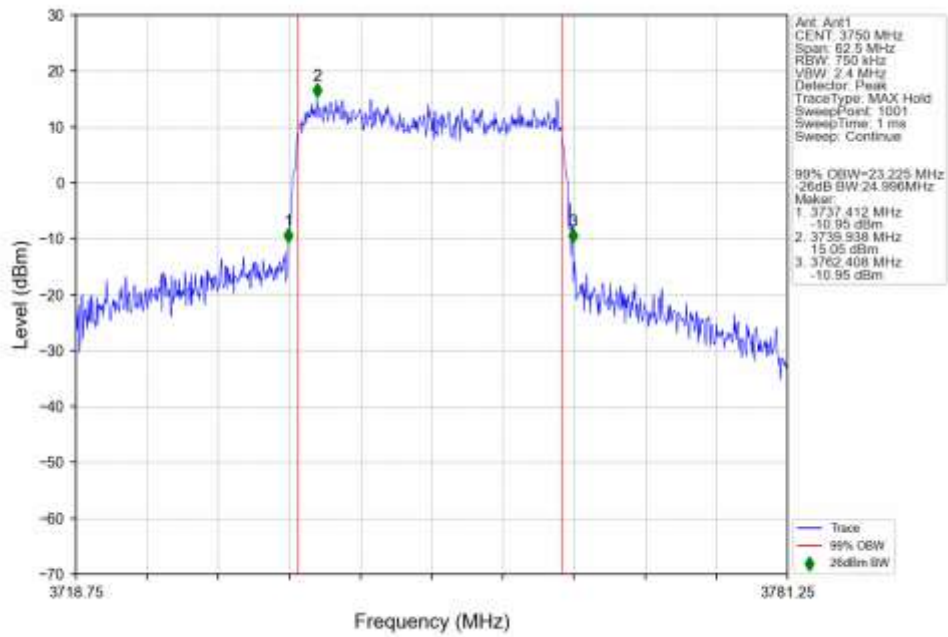
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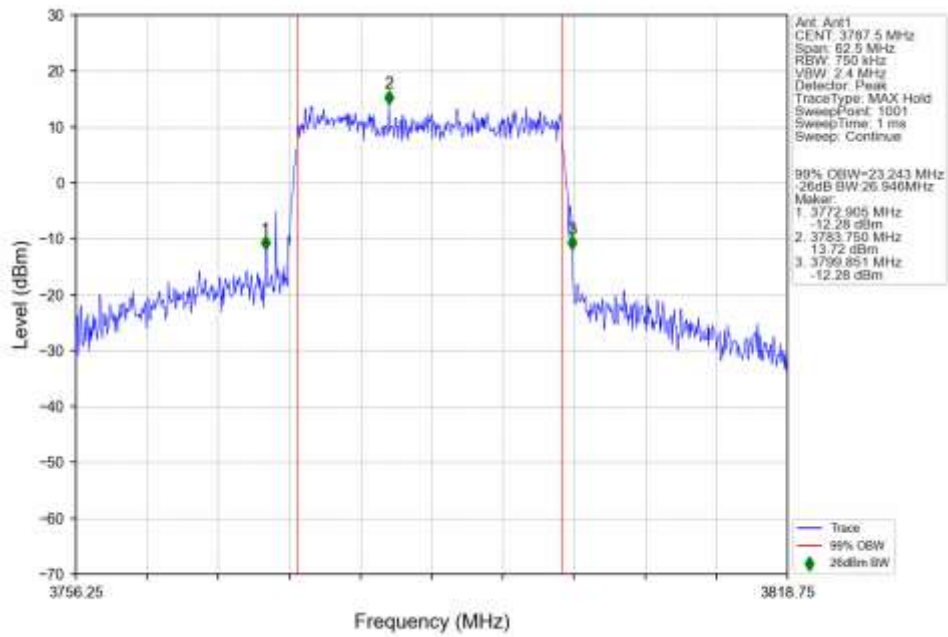
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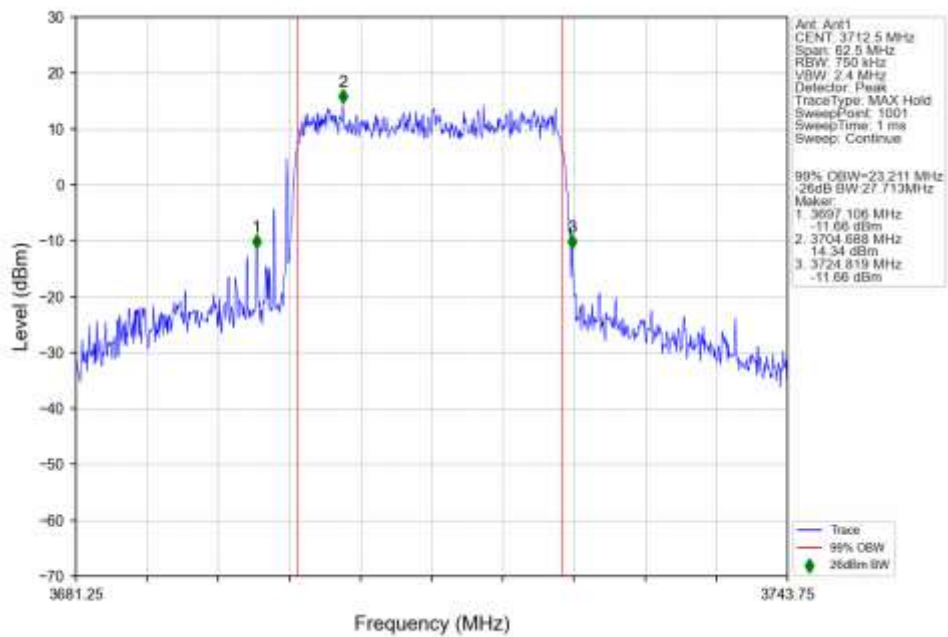
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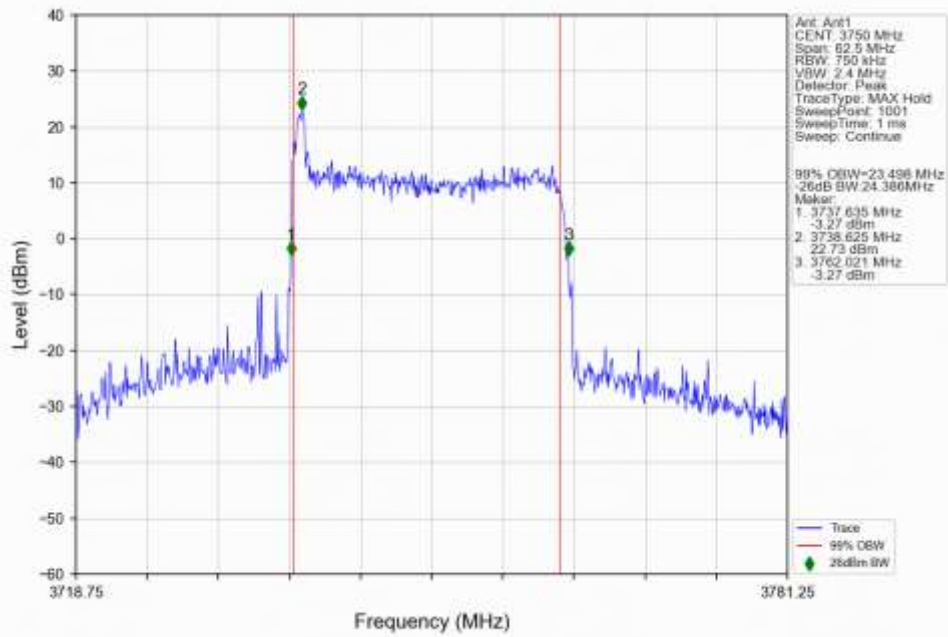
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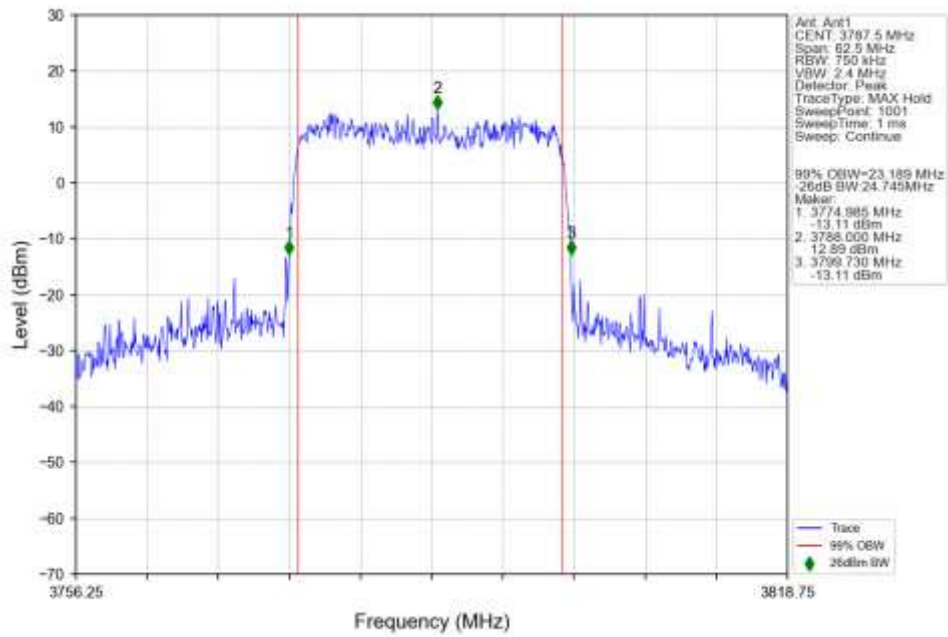
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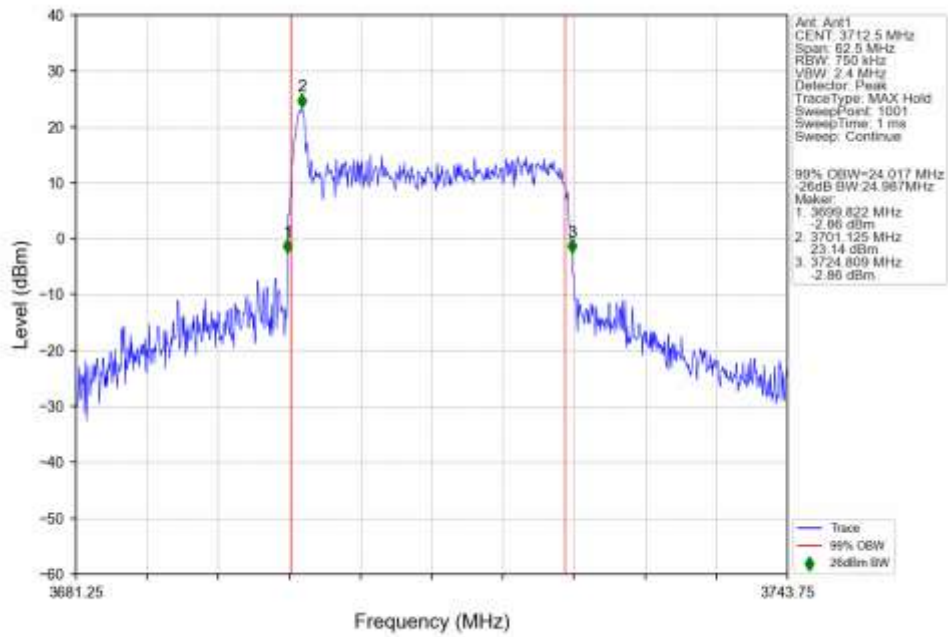
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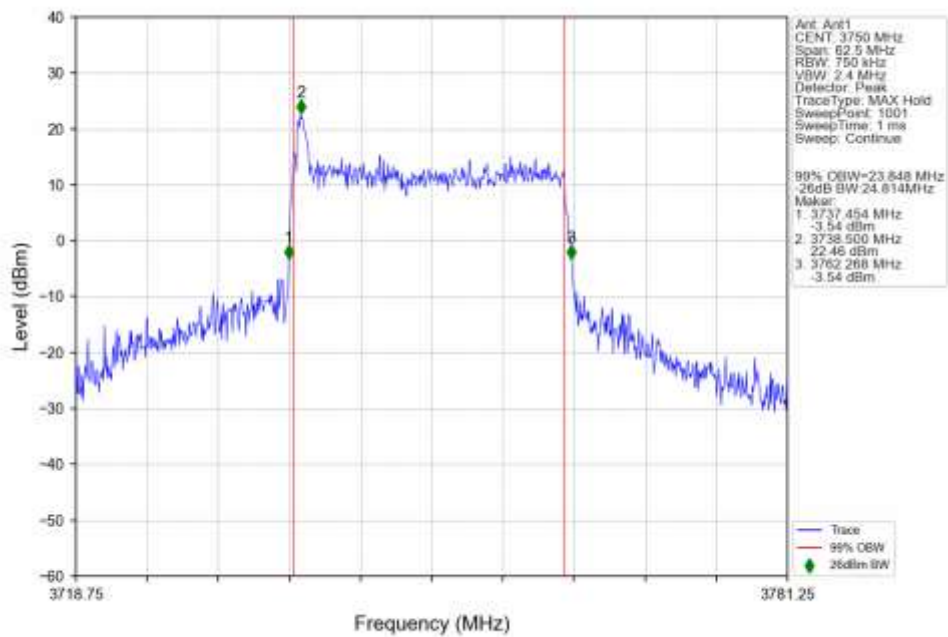
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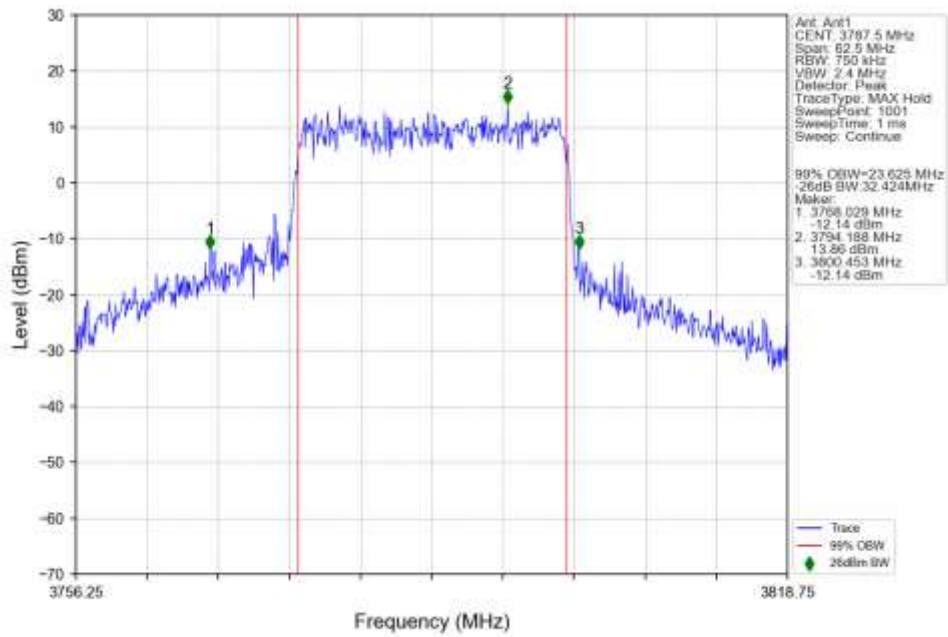
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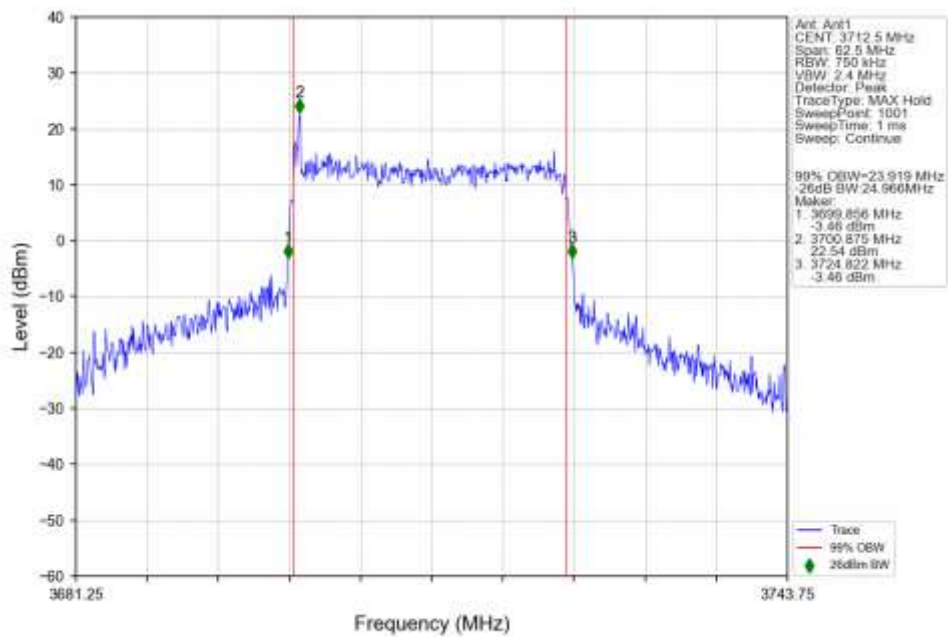
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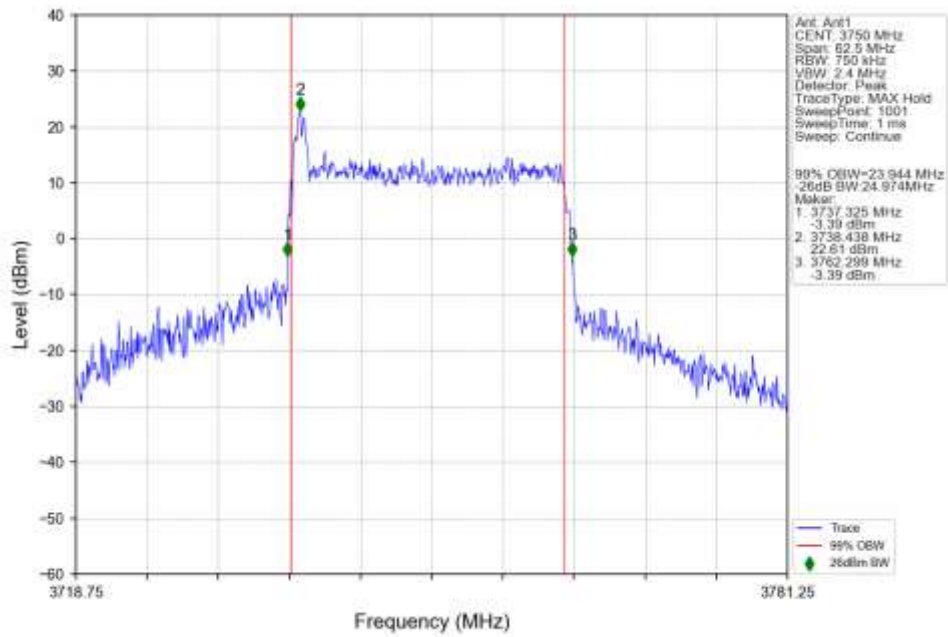
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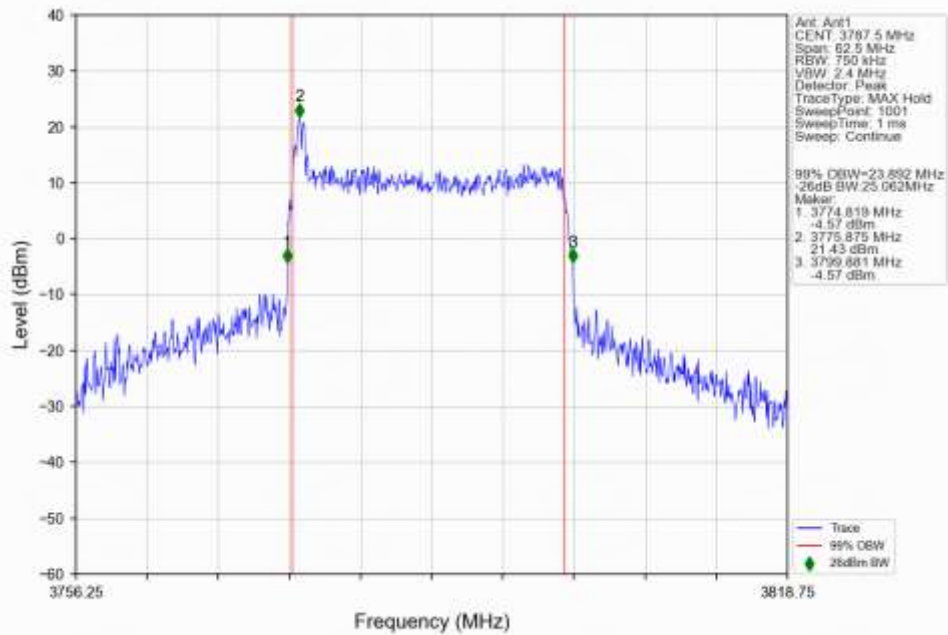
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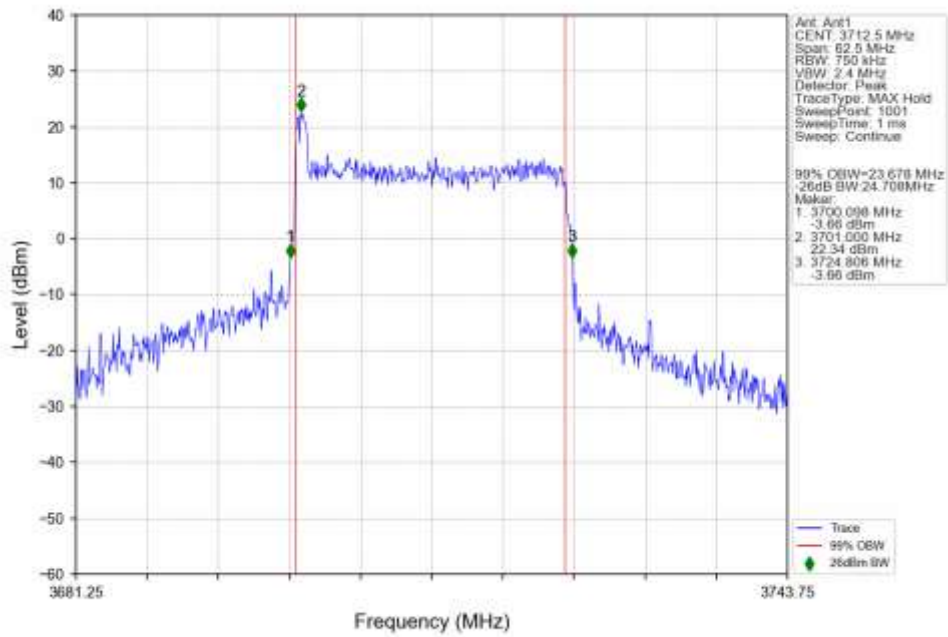
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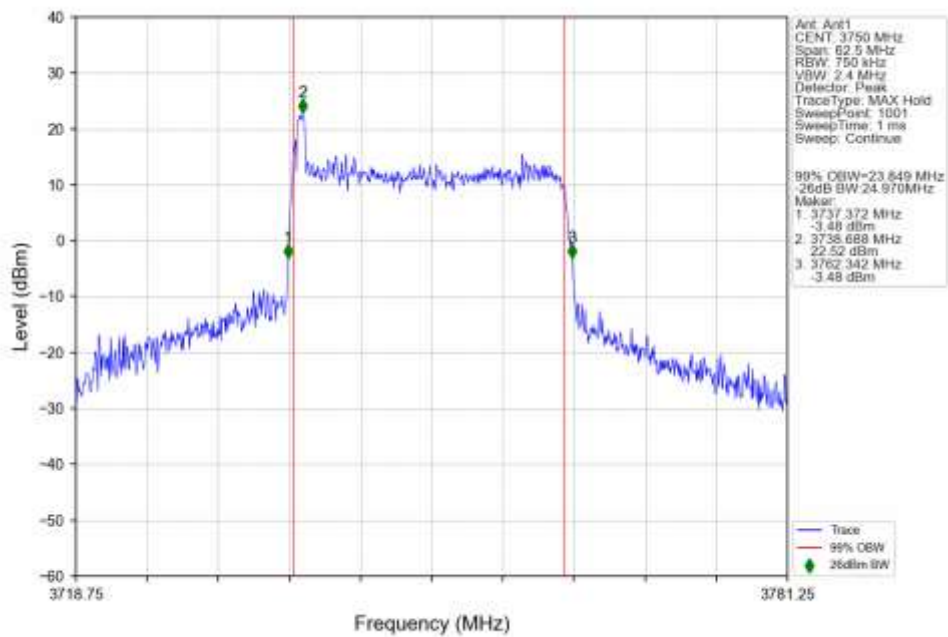
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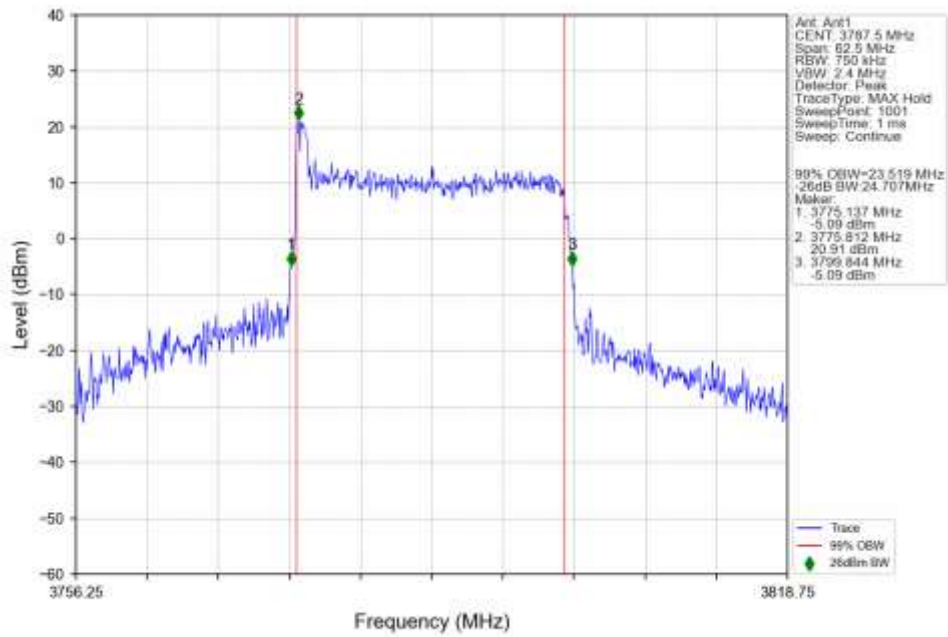
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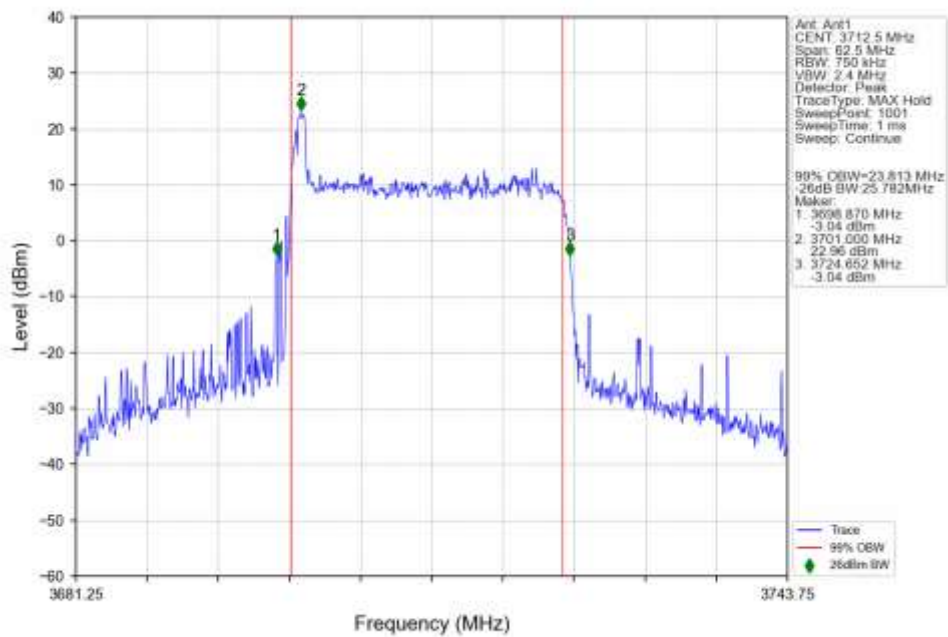
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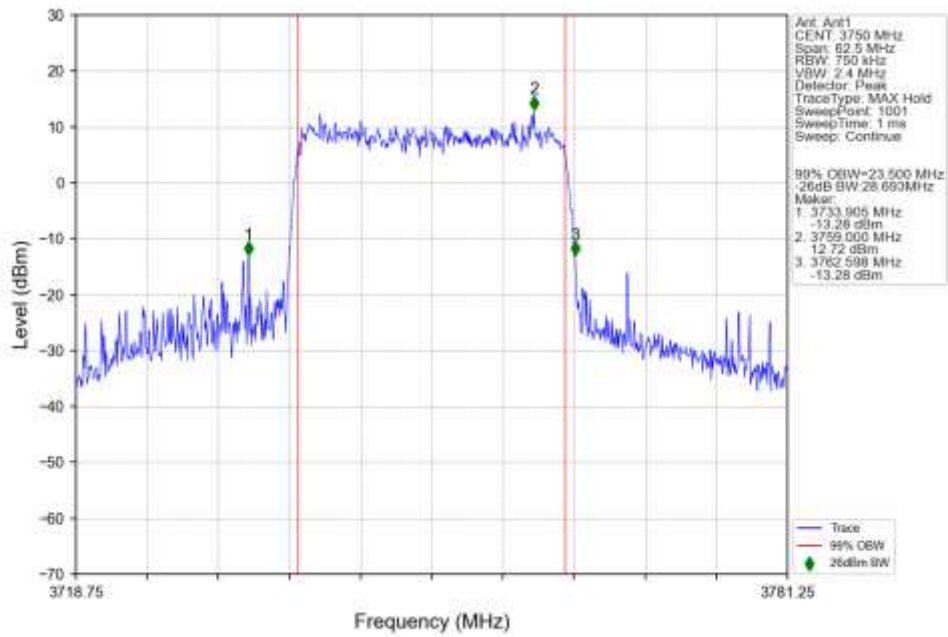
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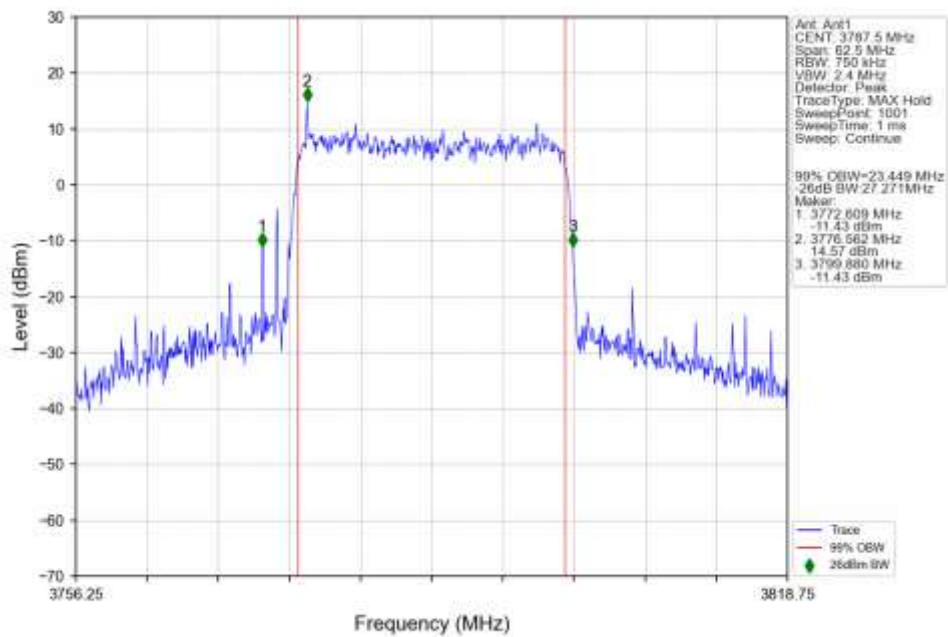
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n78a 30kHz SISO NTN 25MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

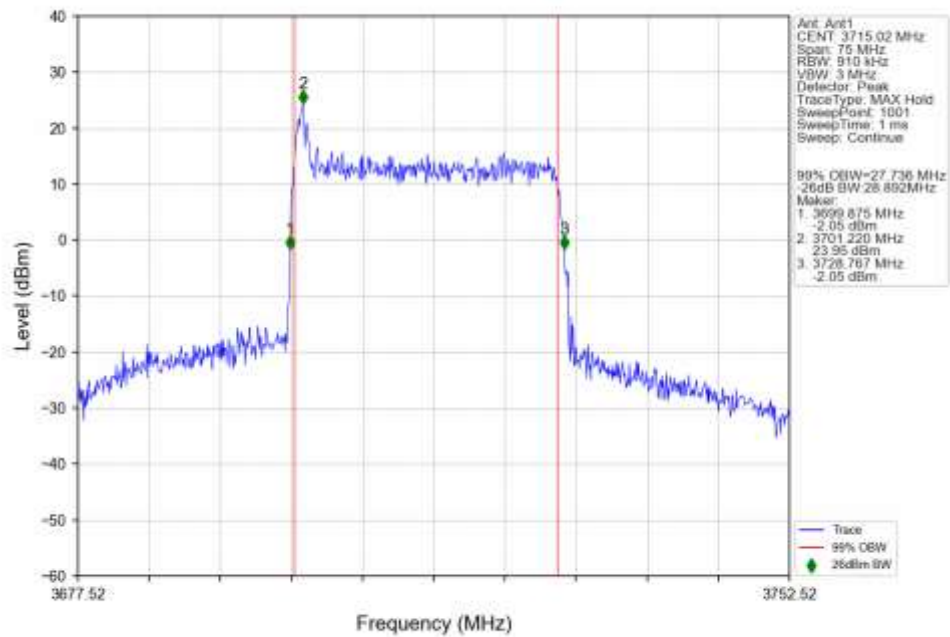


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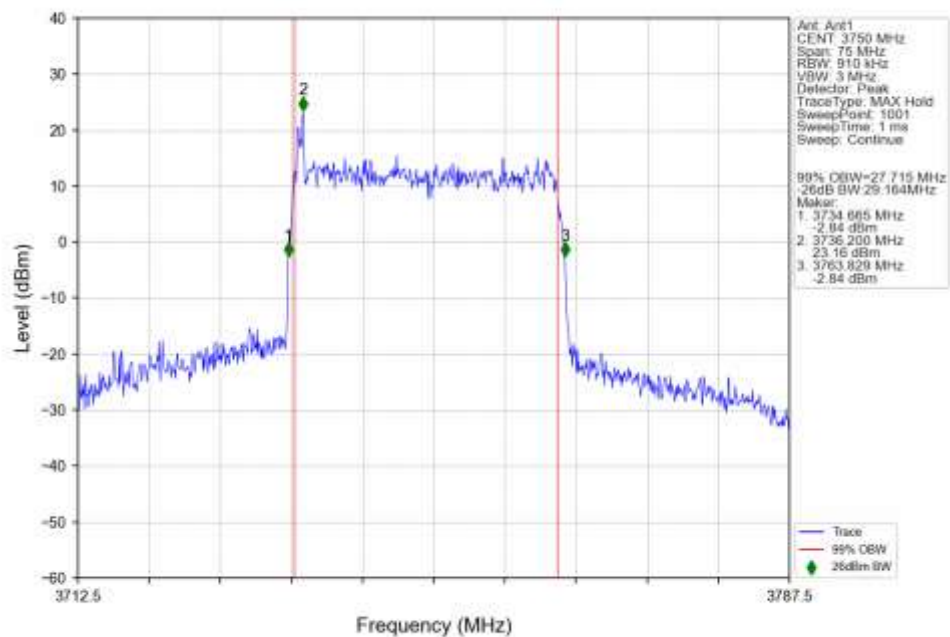


4.2.12 30k_SISO_30MHz_NTNV

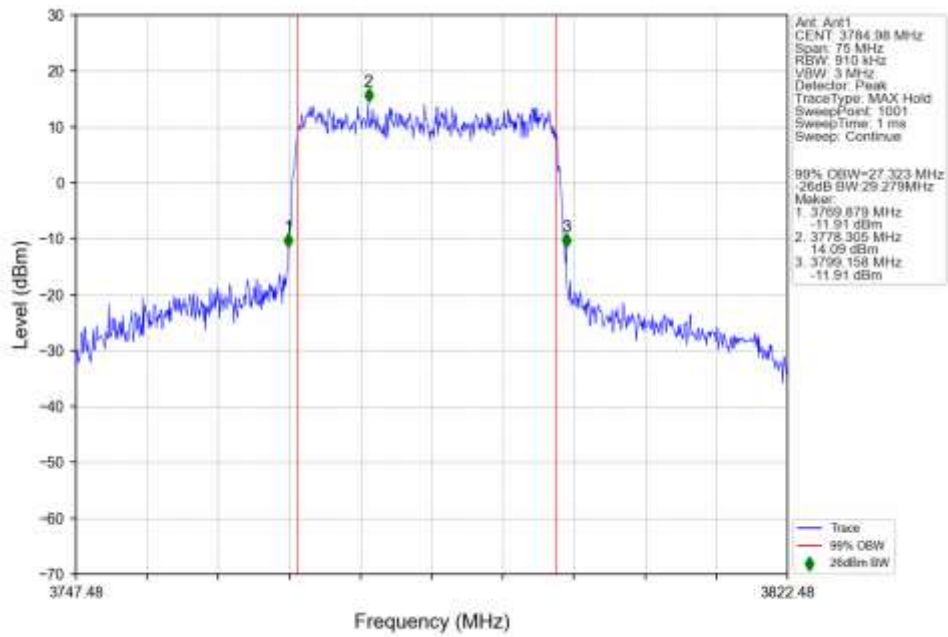
n78a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Outer_Full_Ant1



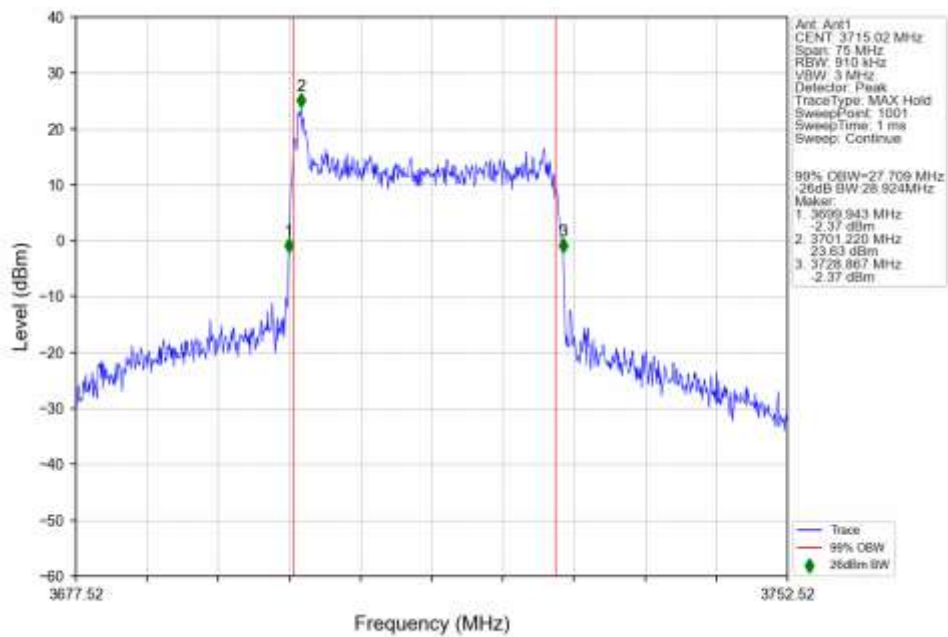
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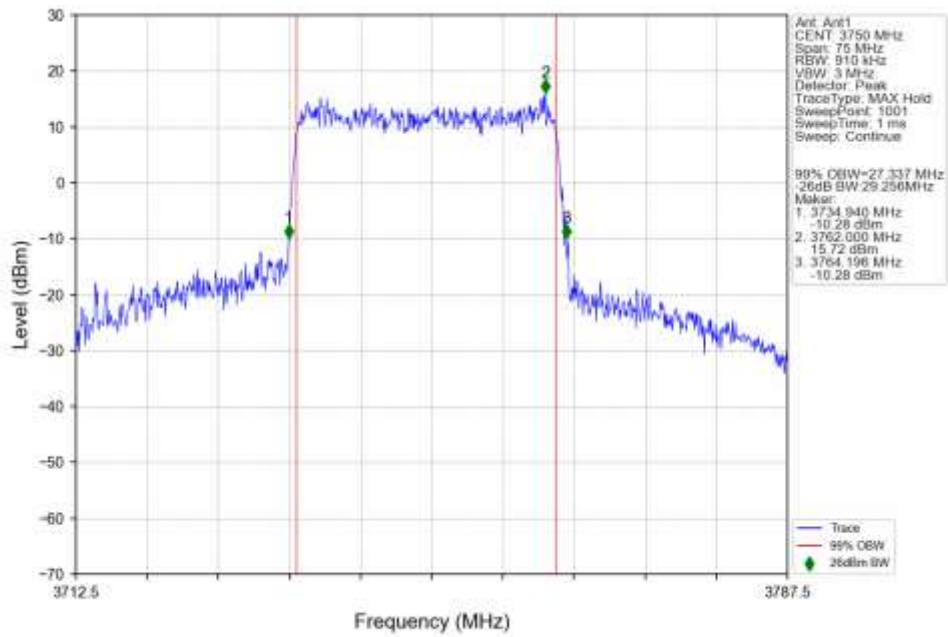
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full Ant1



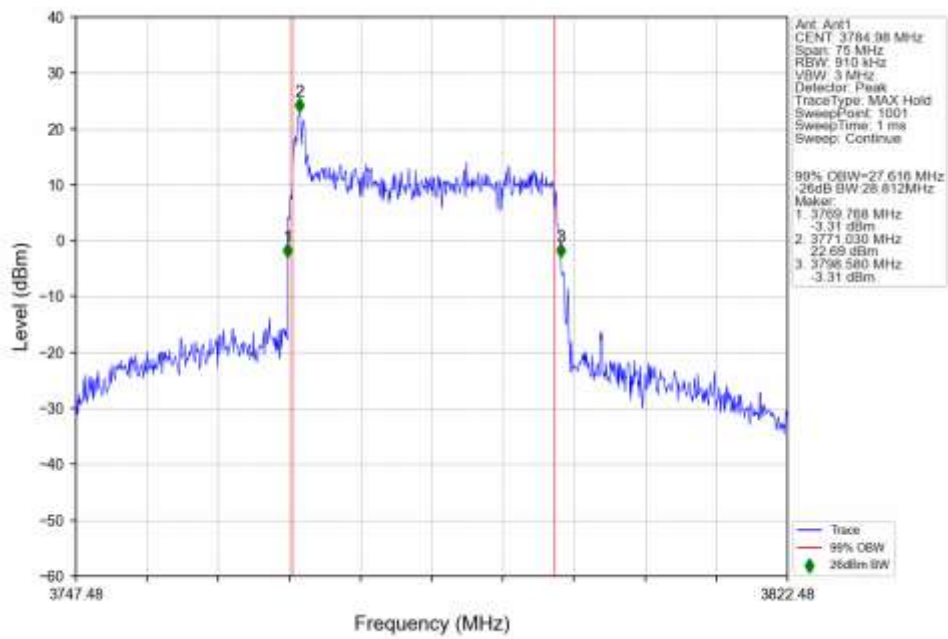
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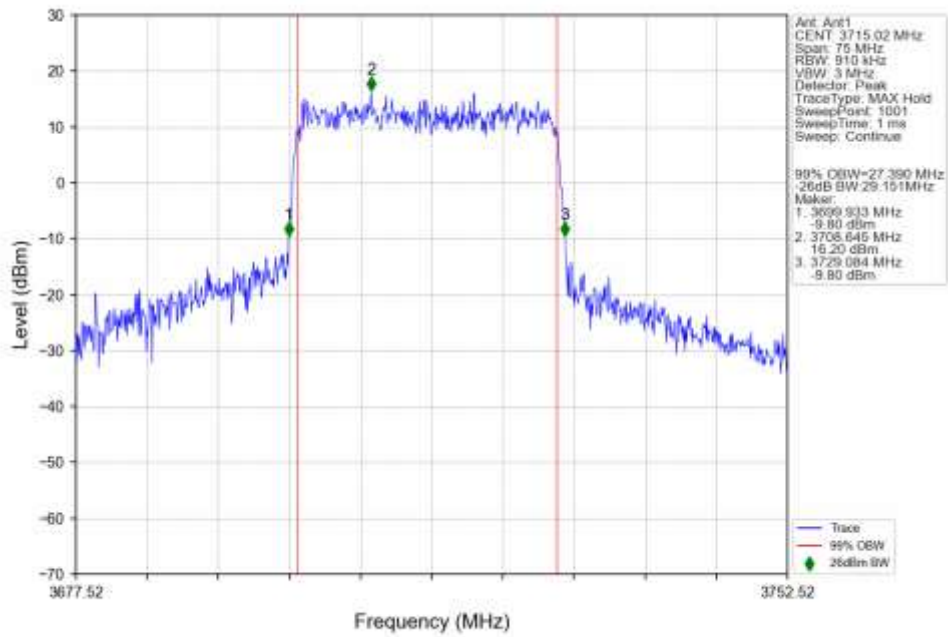
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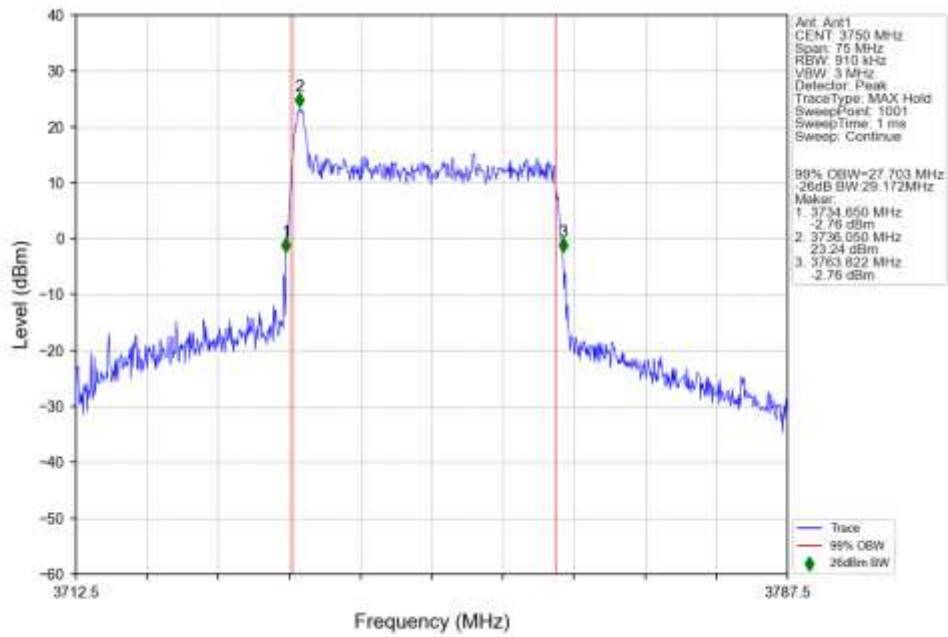
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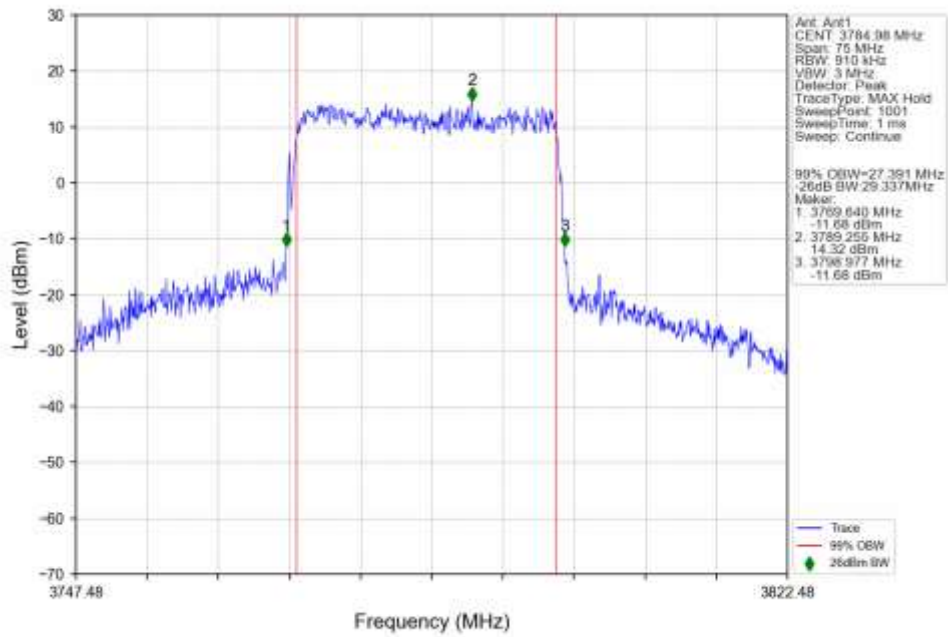
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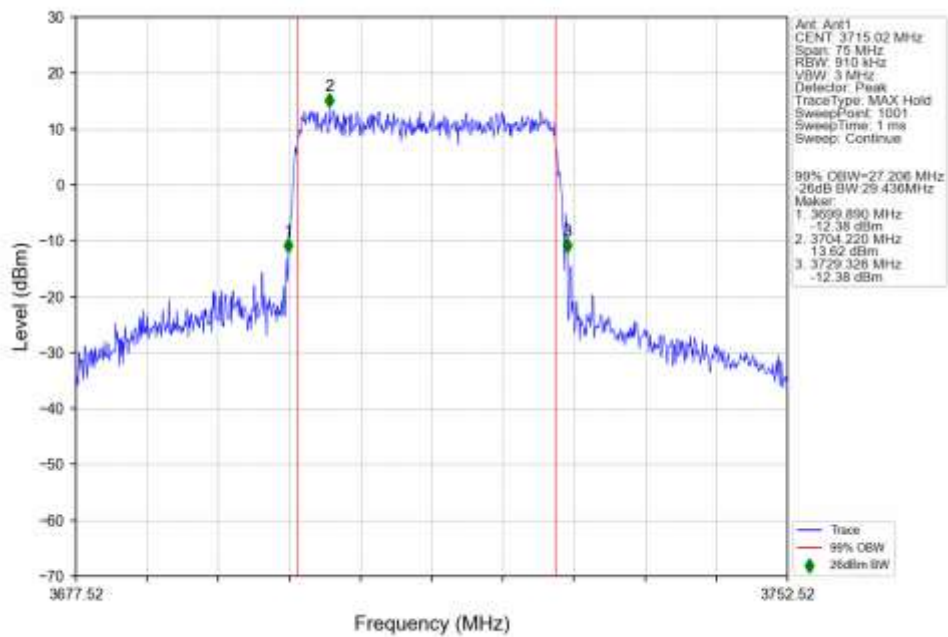
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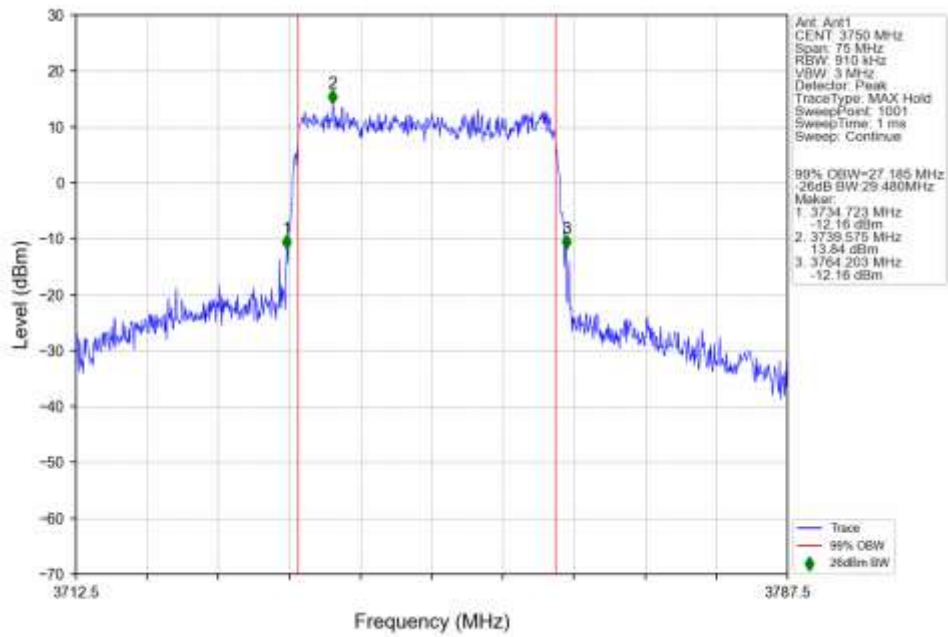
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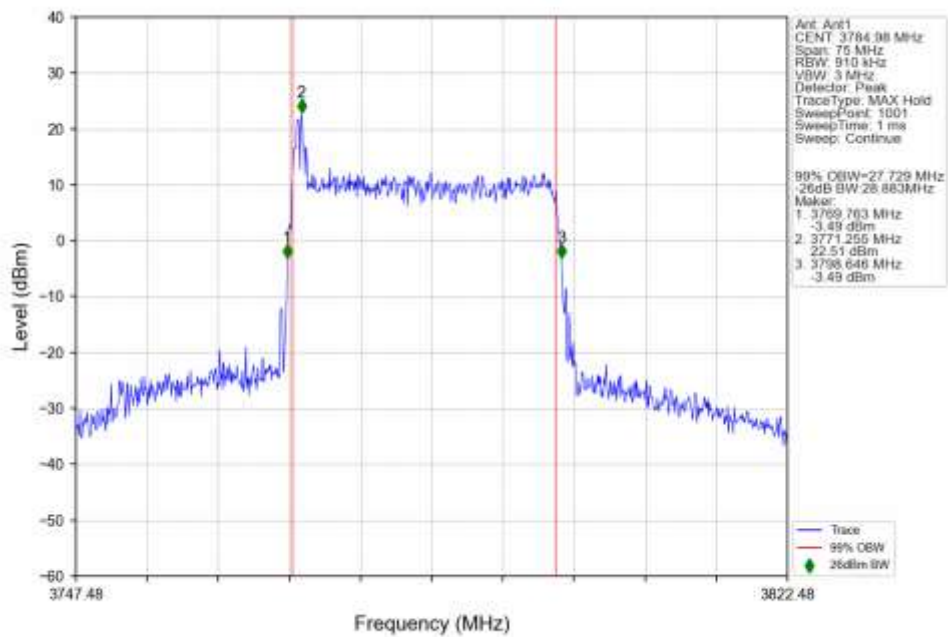
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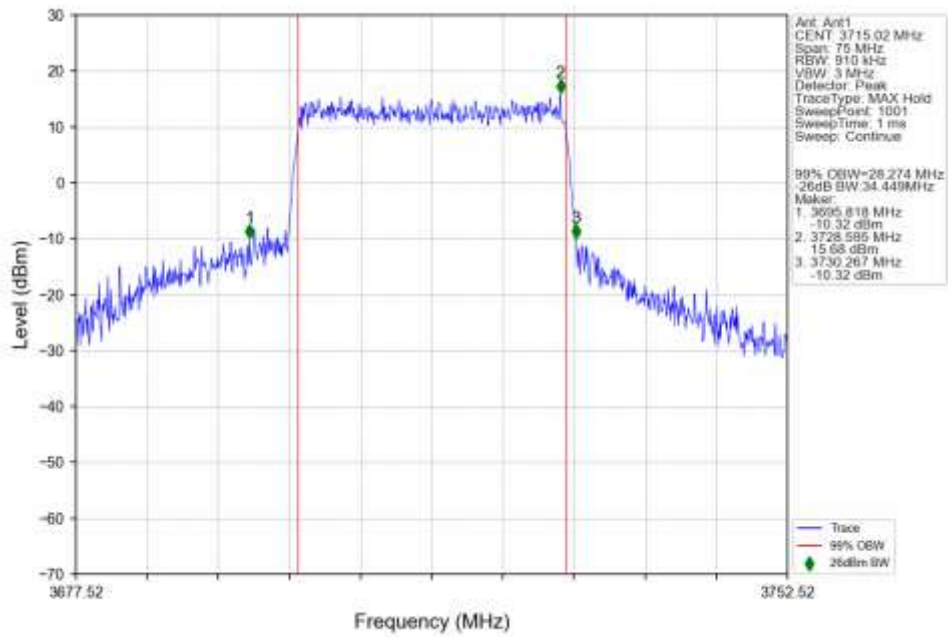
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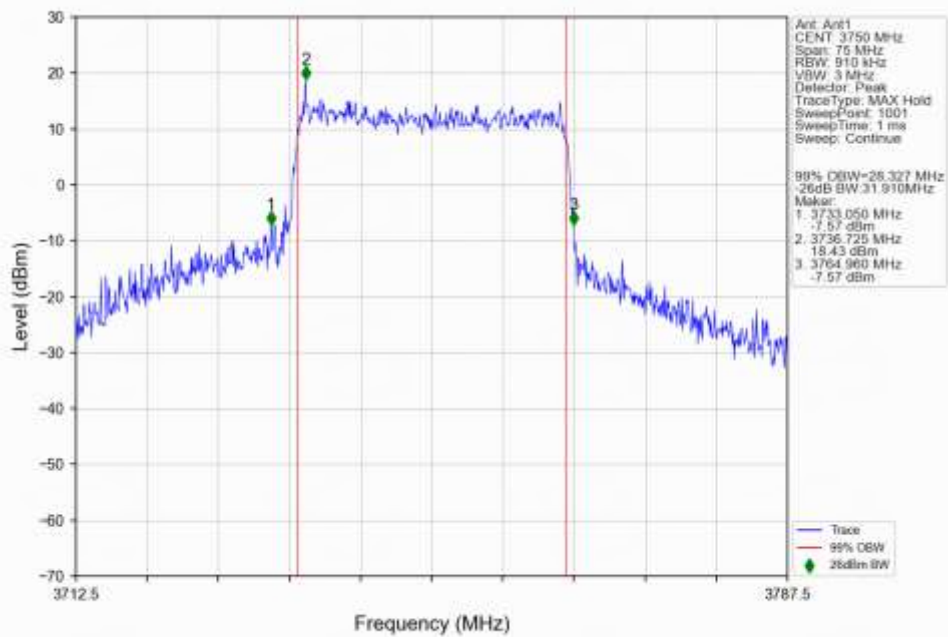
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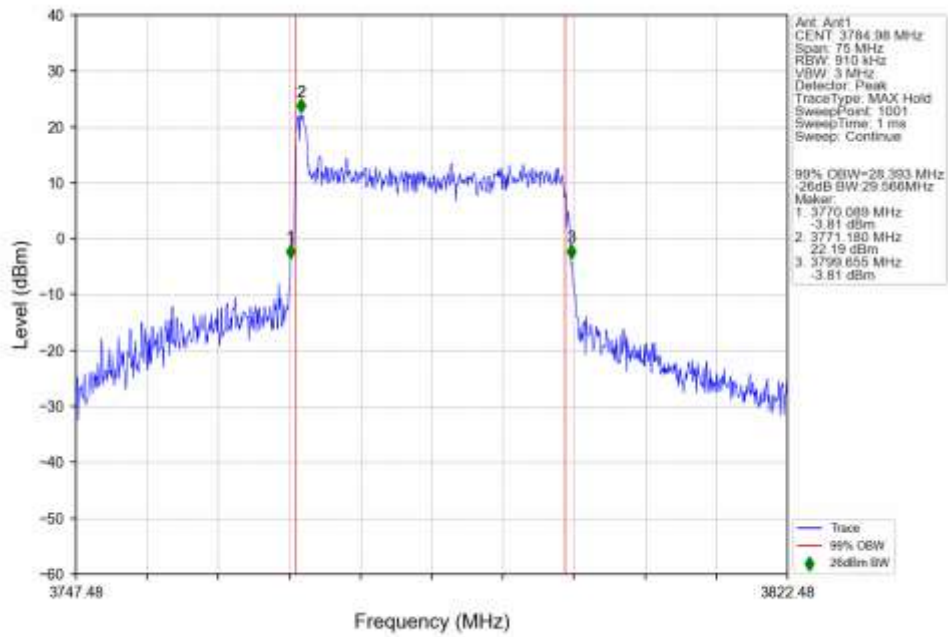
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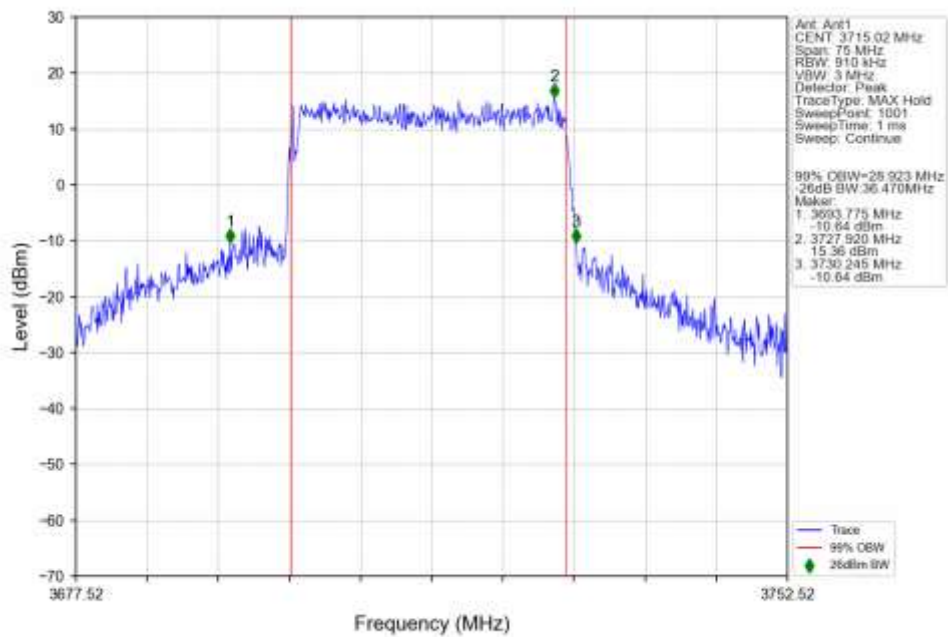
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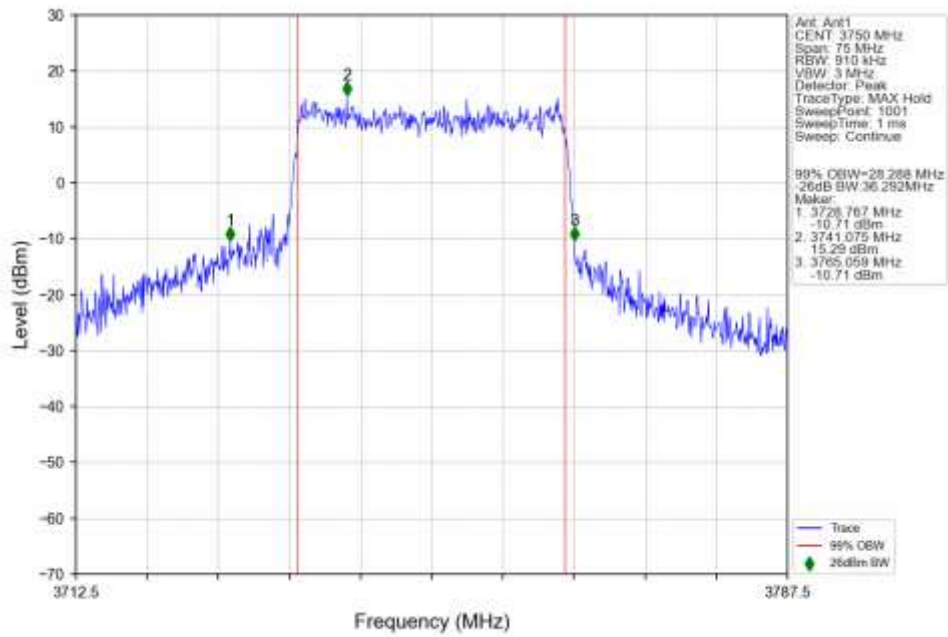
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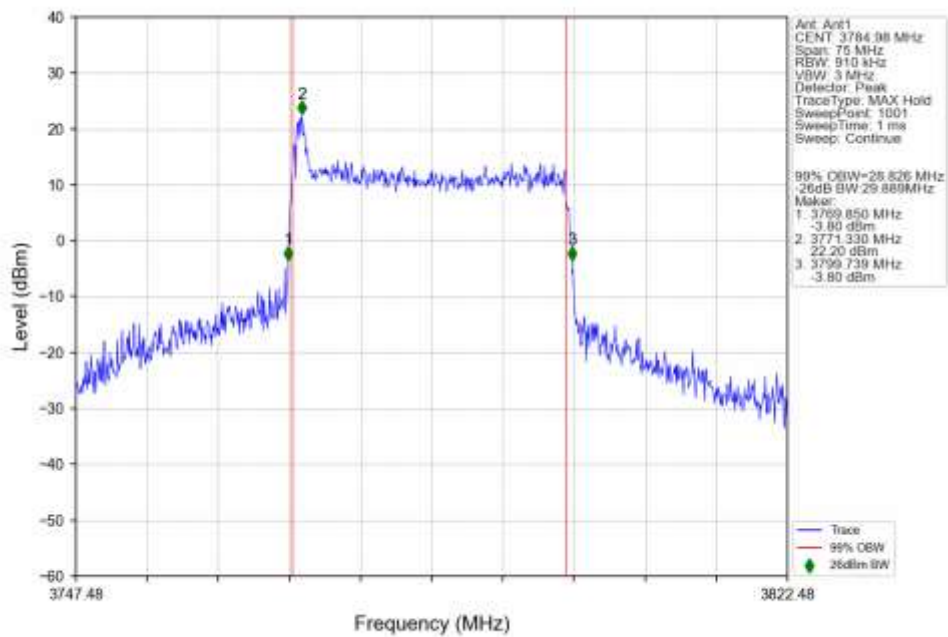
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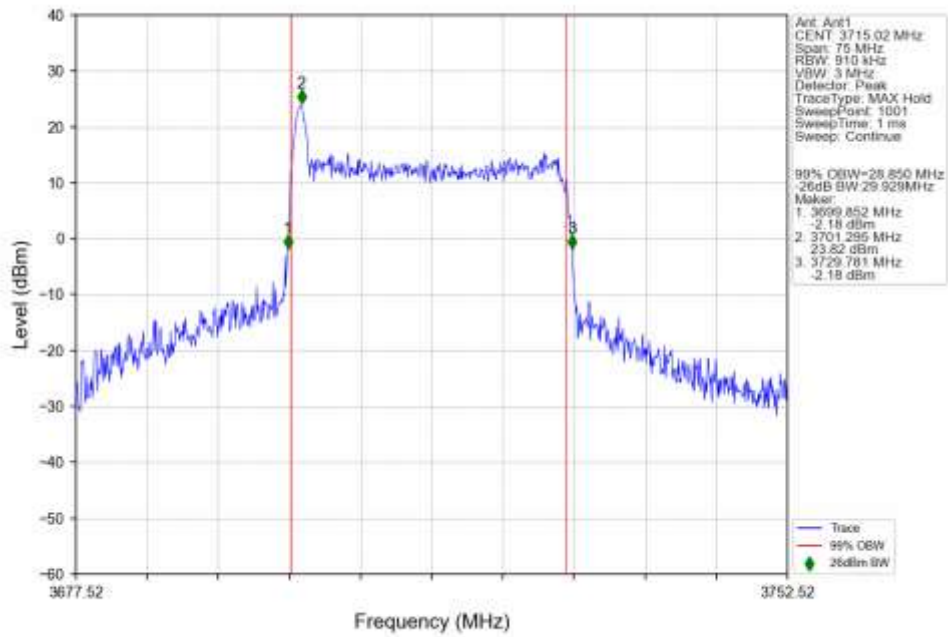
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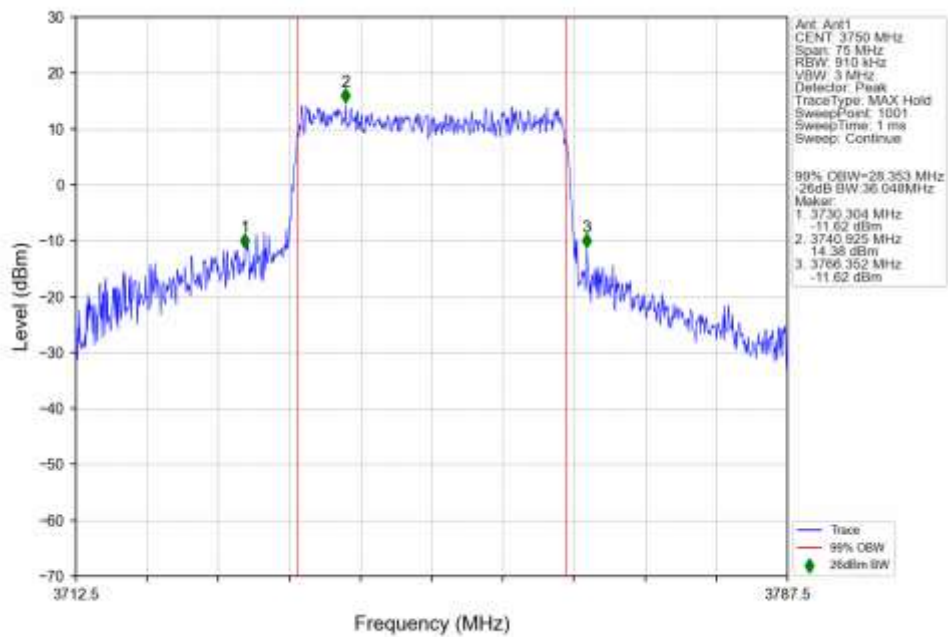
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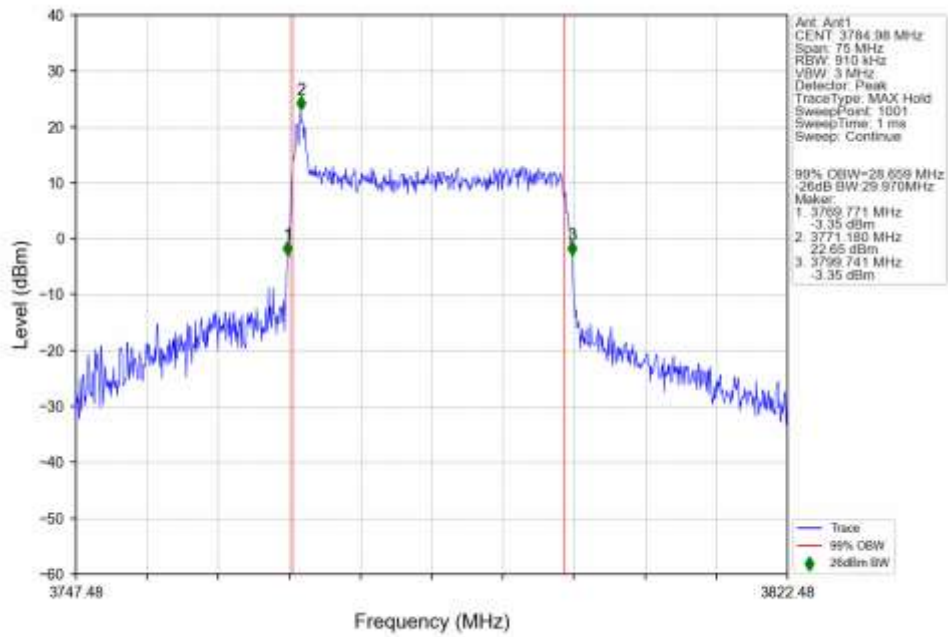
n78a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3715.02MHz Outer Full Ant1



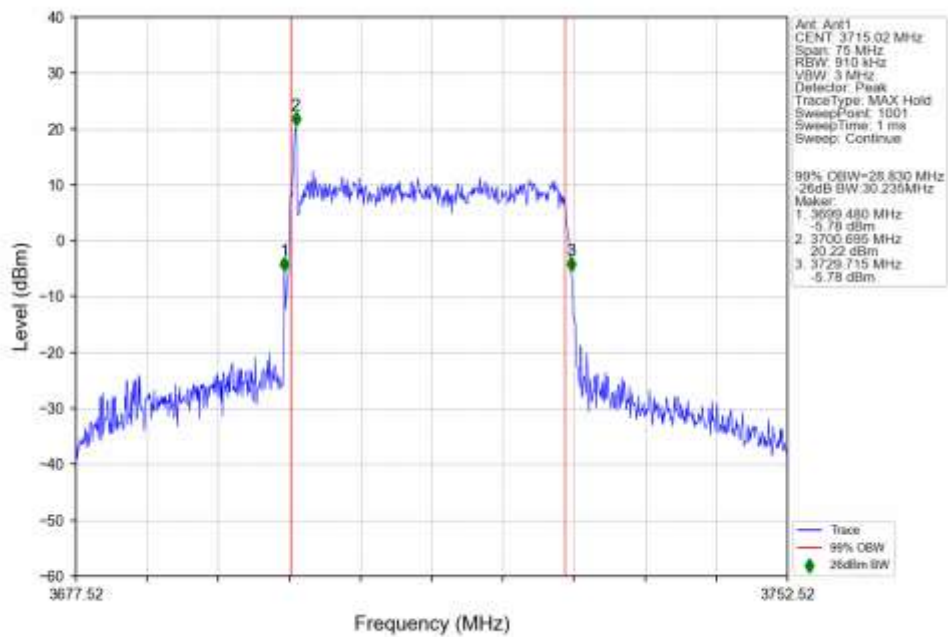
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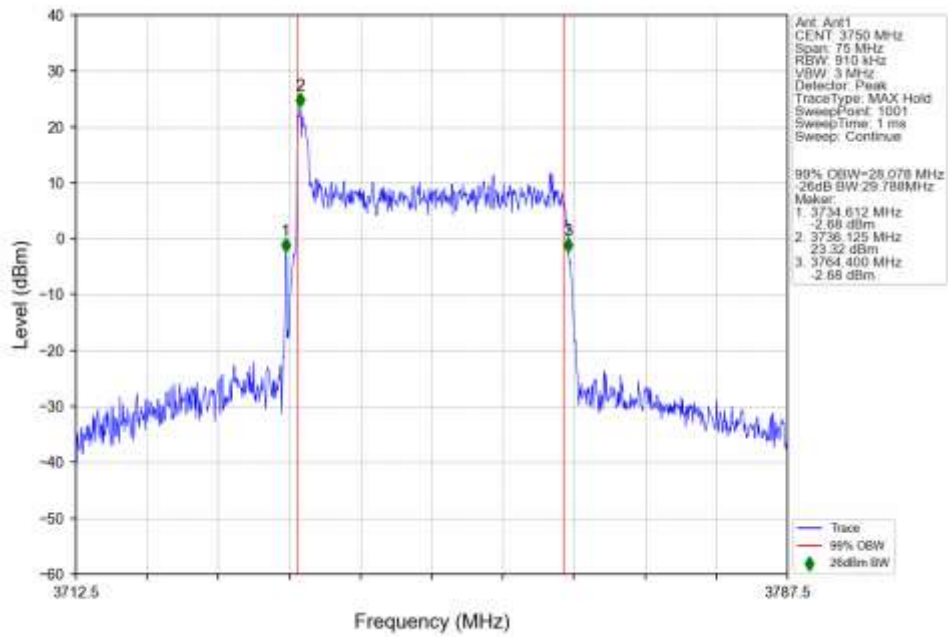
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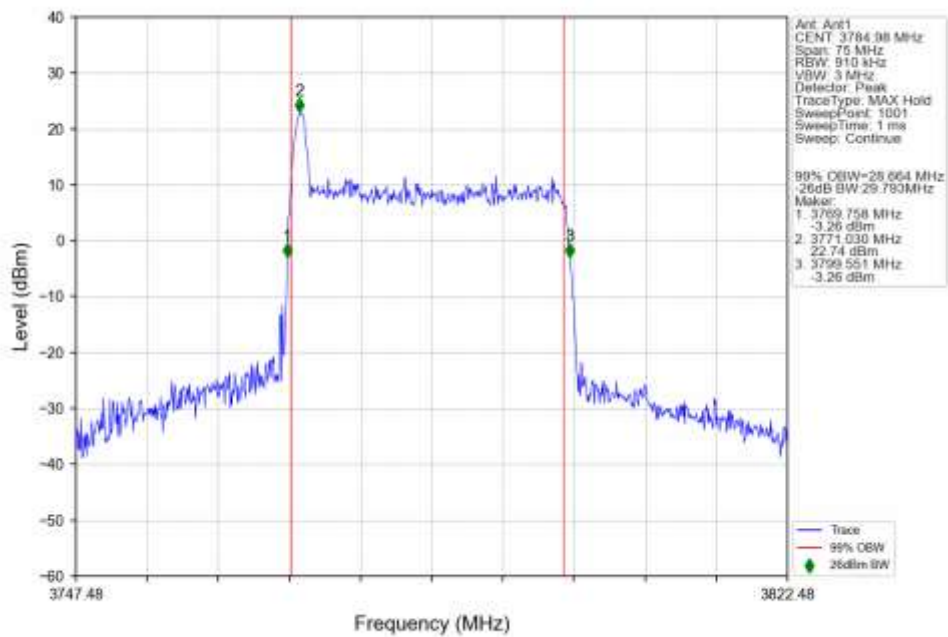
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n78a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

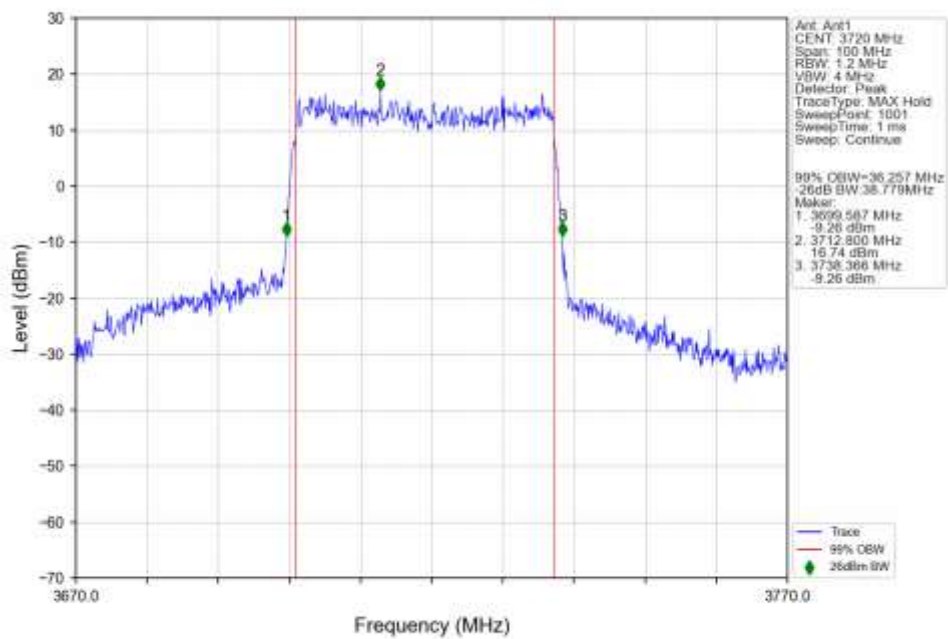


n78a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3784.98MHz Outer Full Ant1

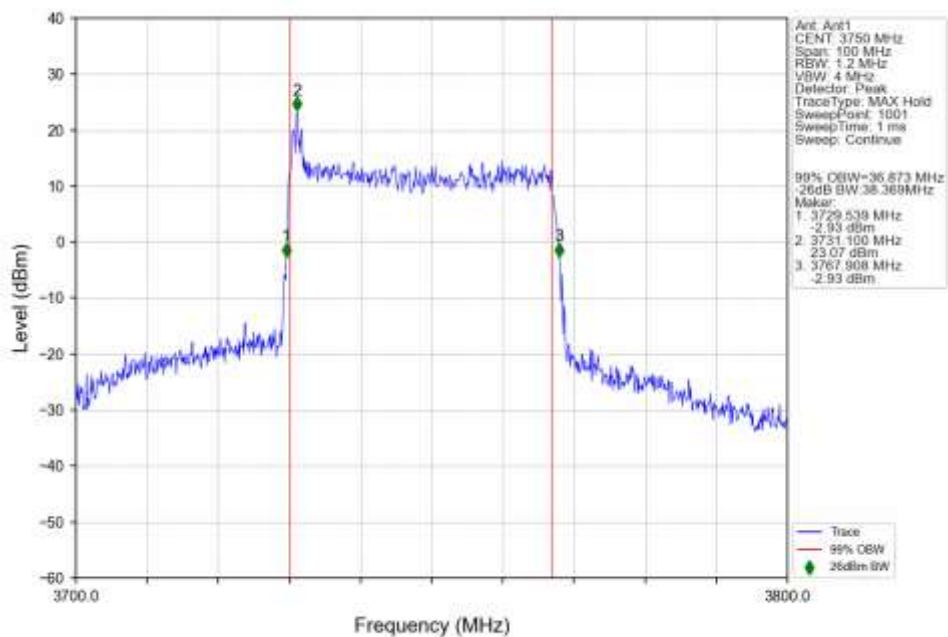


4.2.13 30k_SISO_40MHz_NTNV

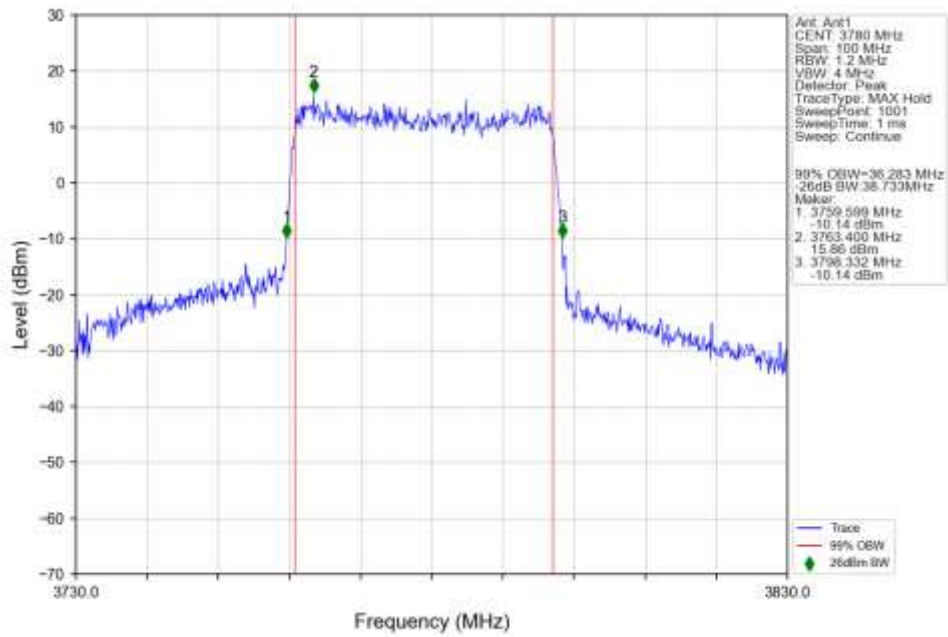
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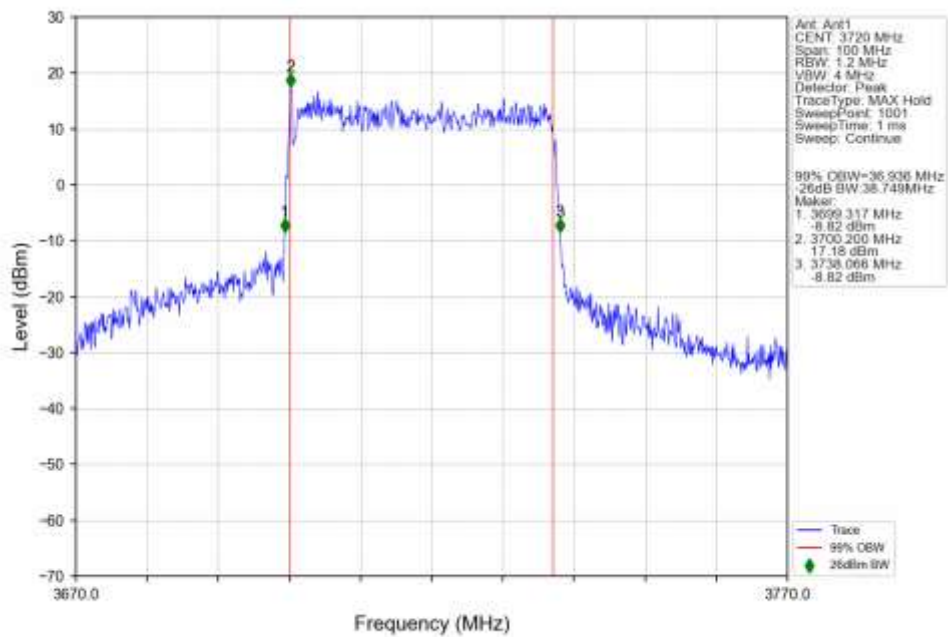
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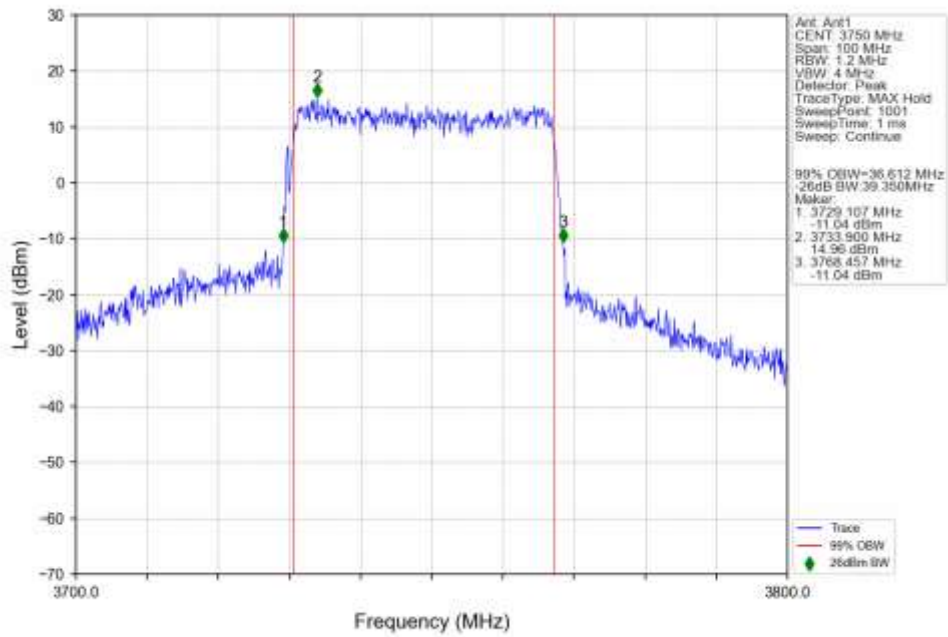
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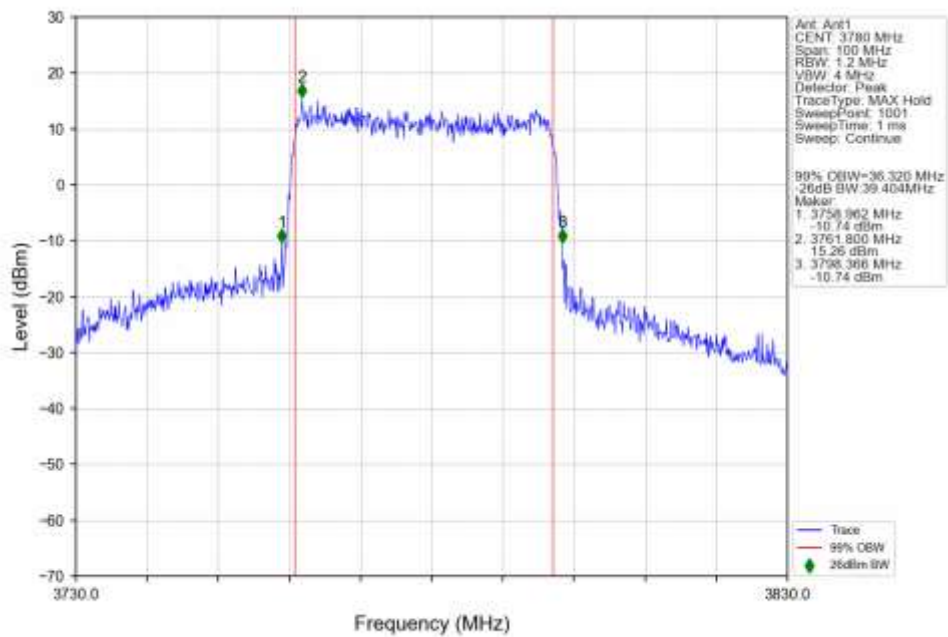
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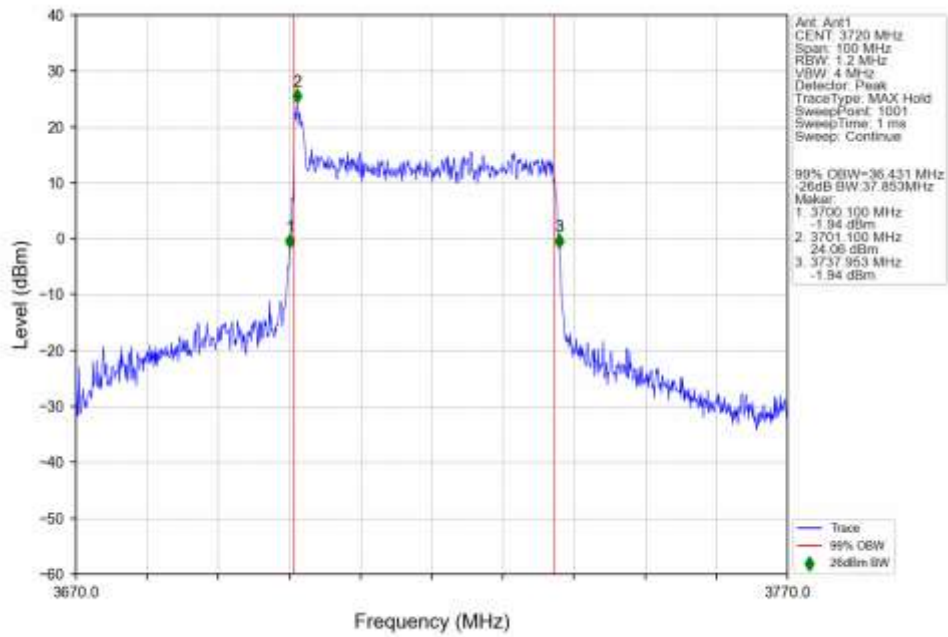
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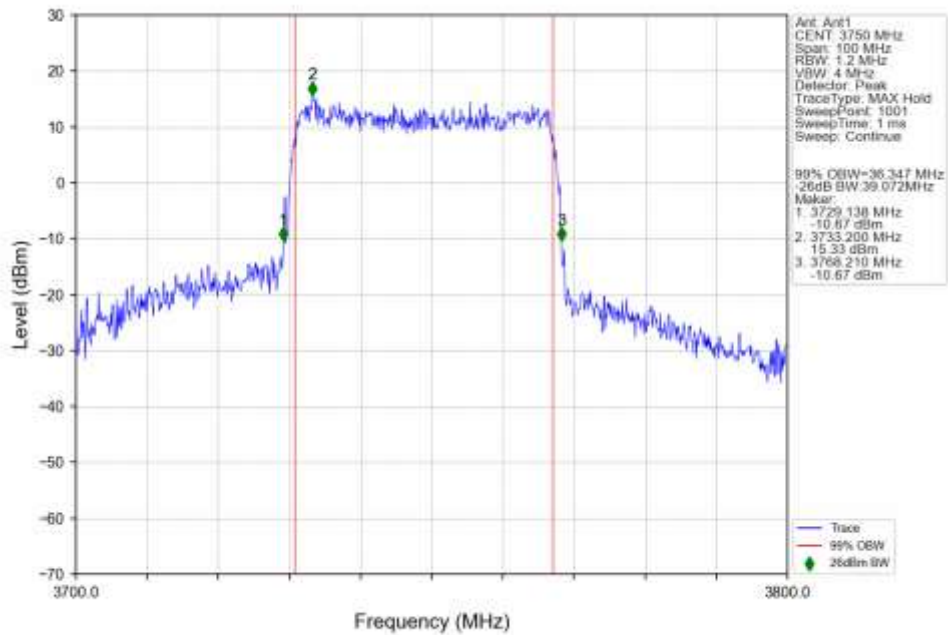
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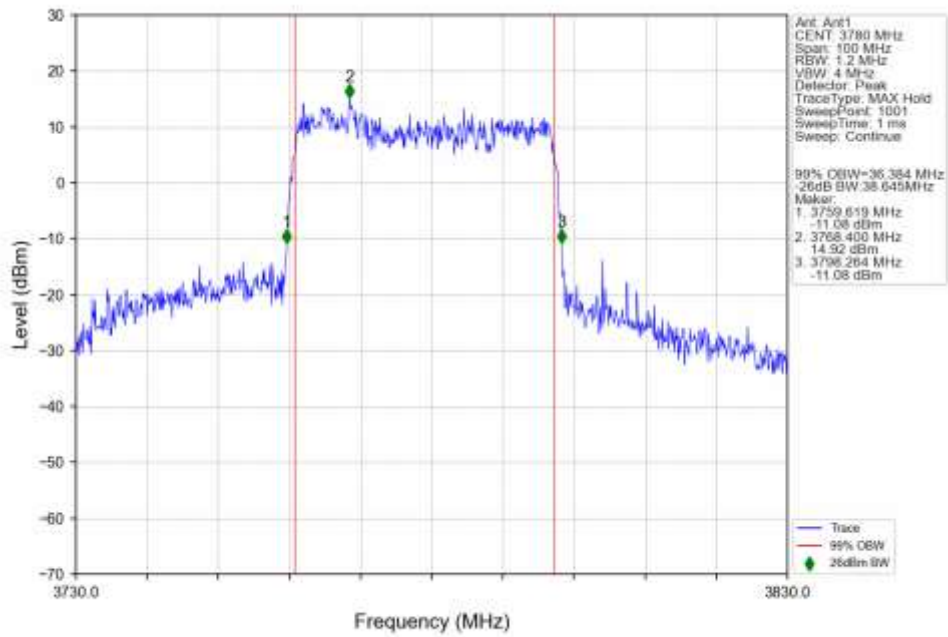
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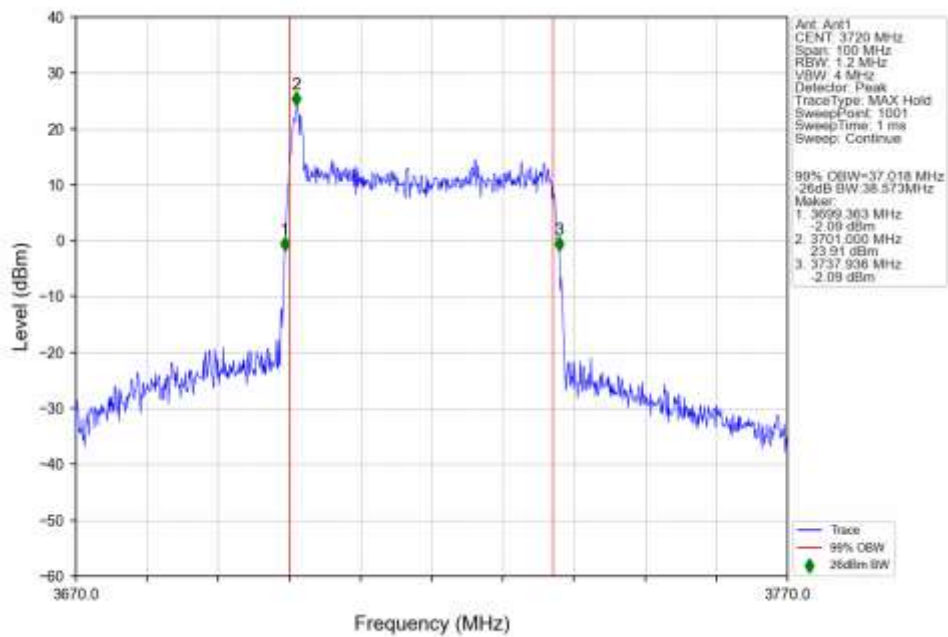
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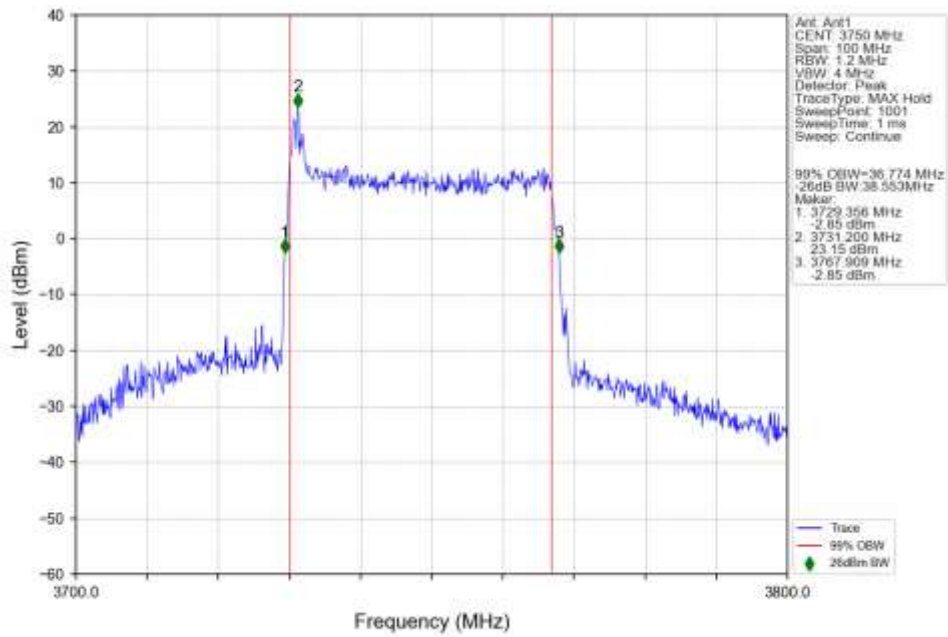
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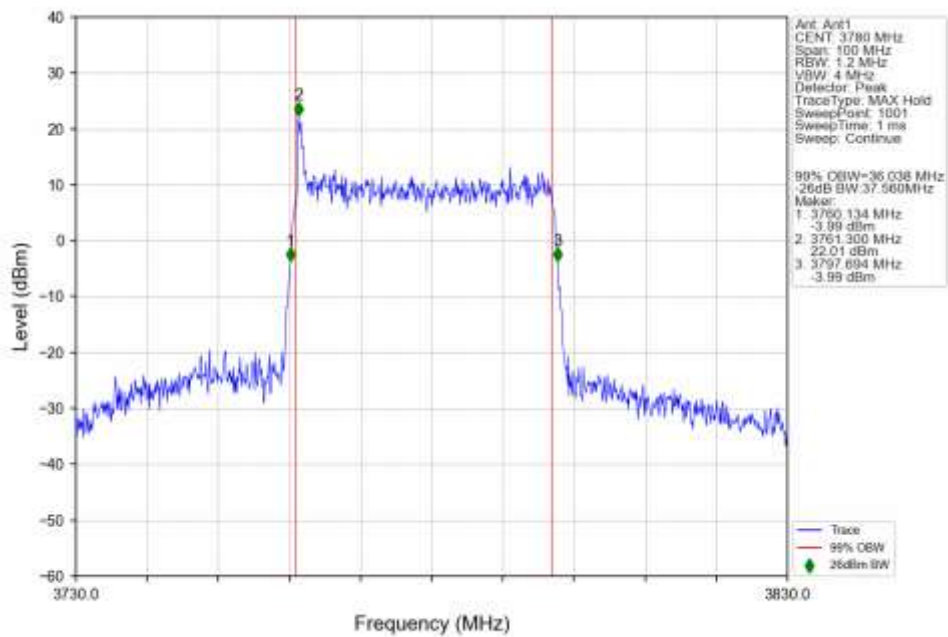
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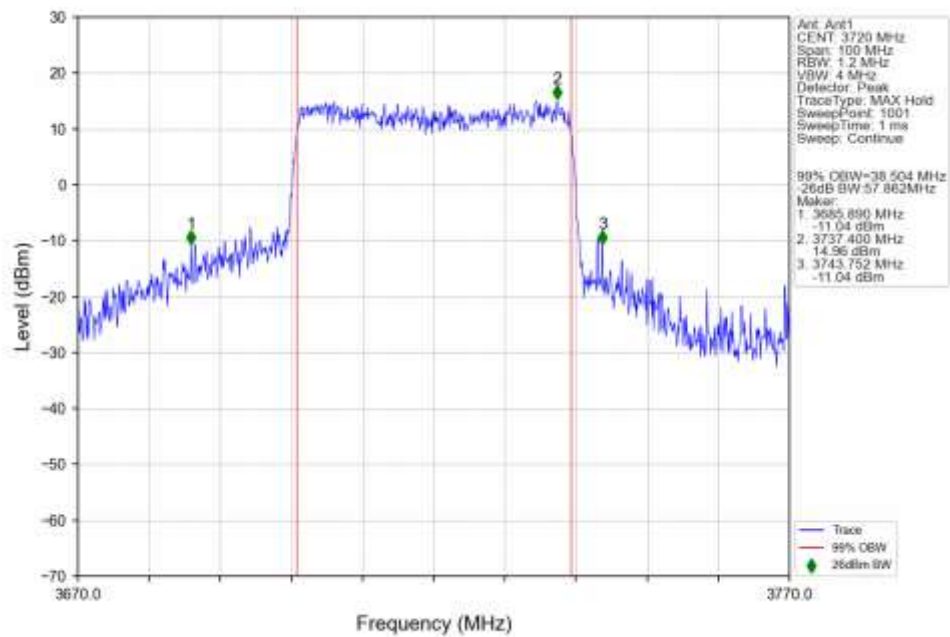
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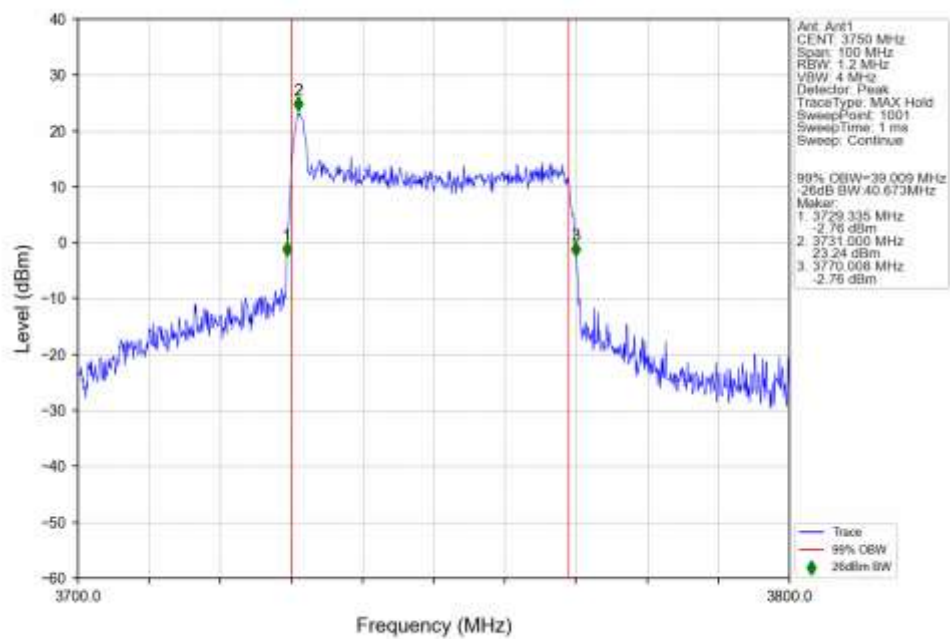
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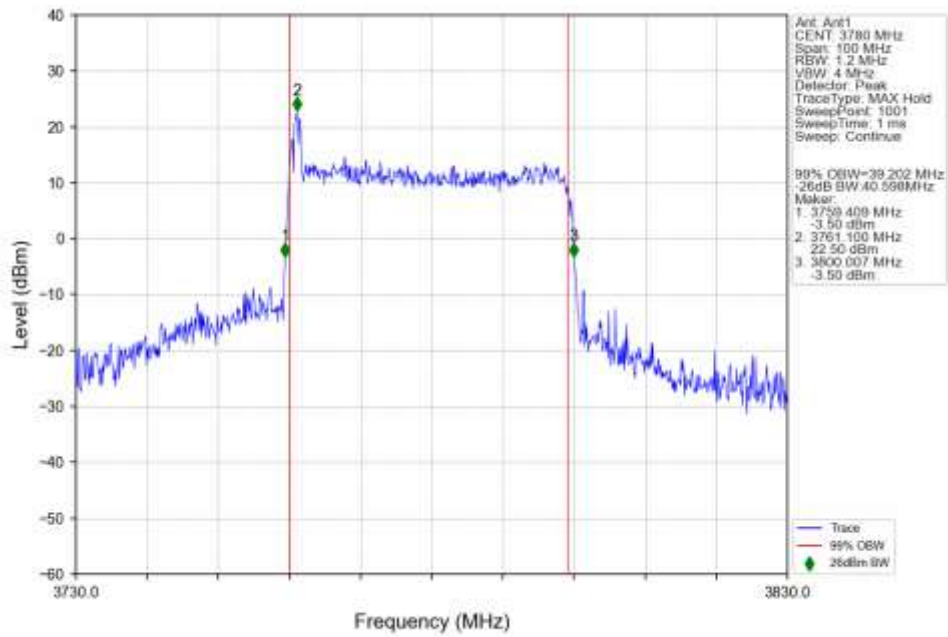
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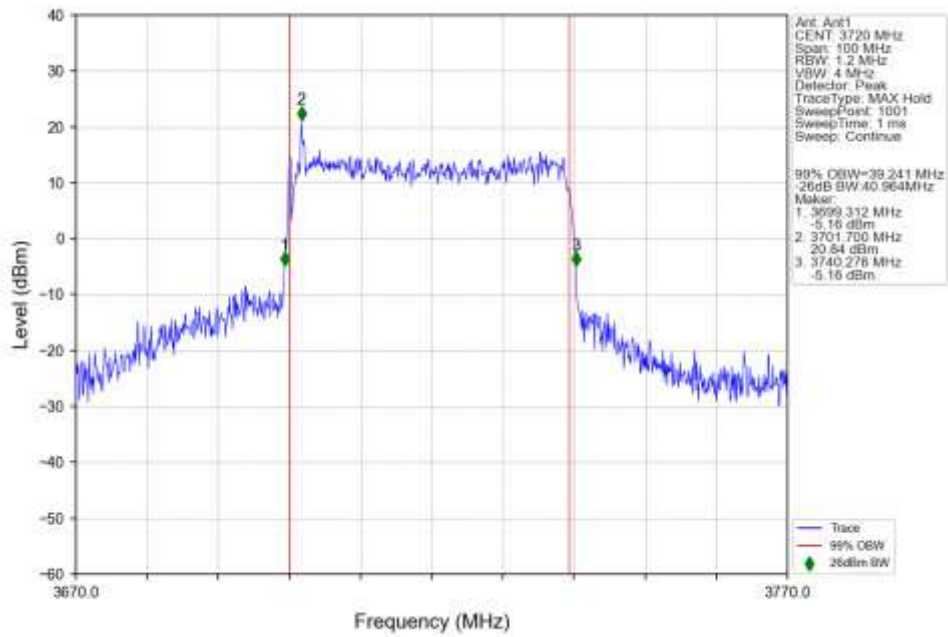
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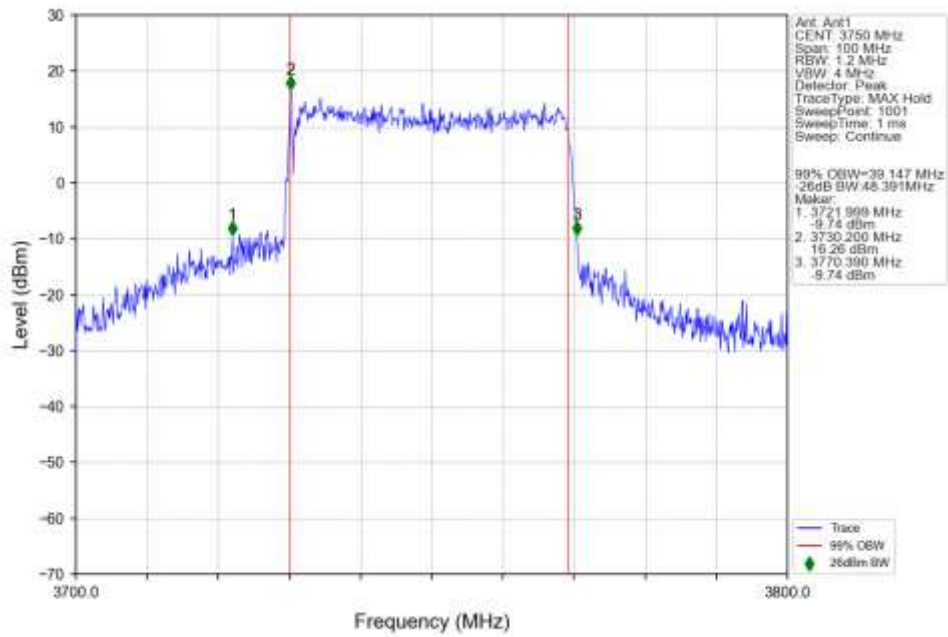
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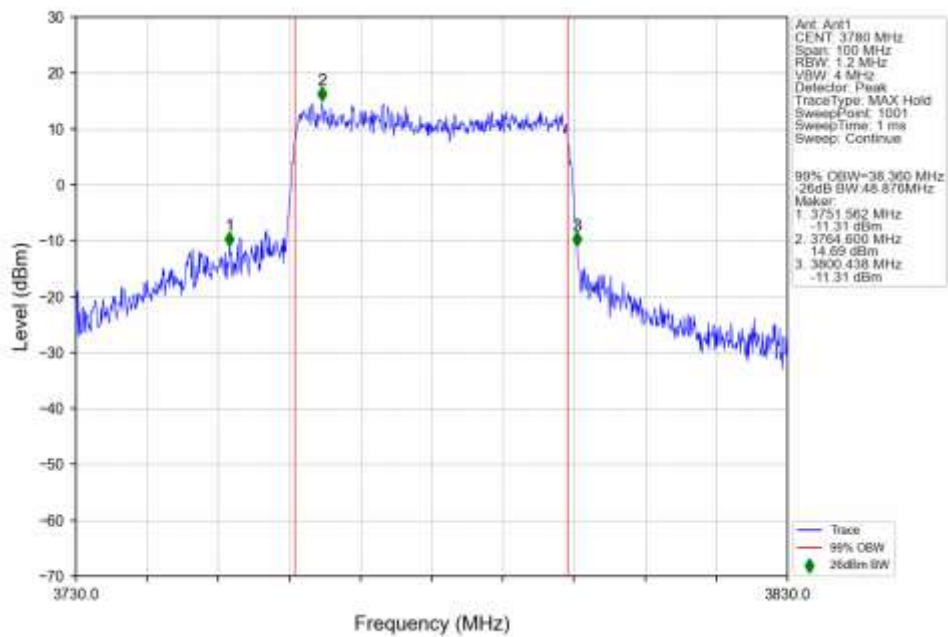
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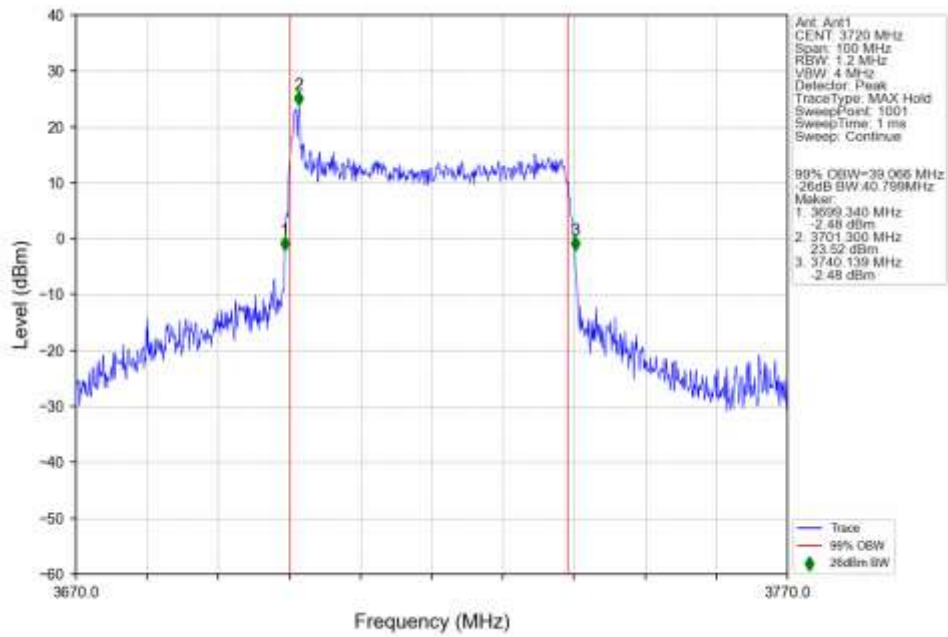
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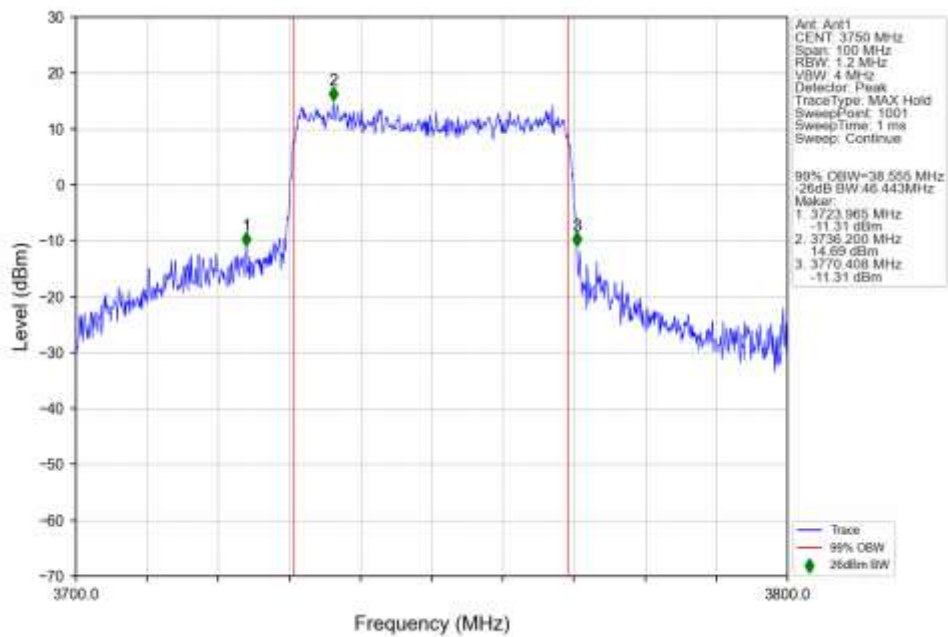
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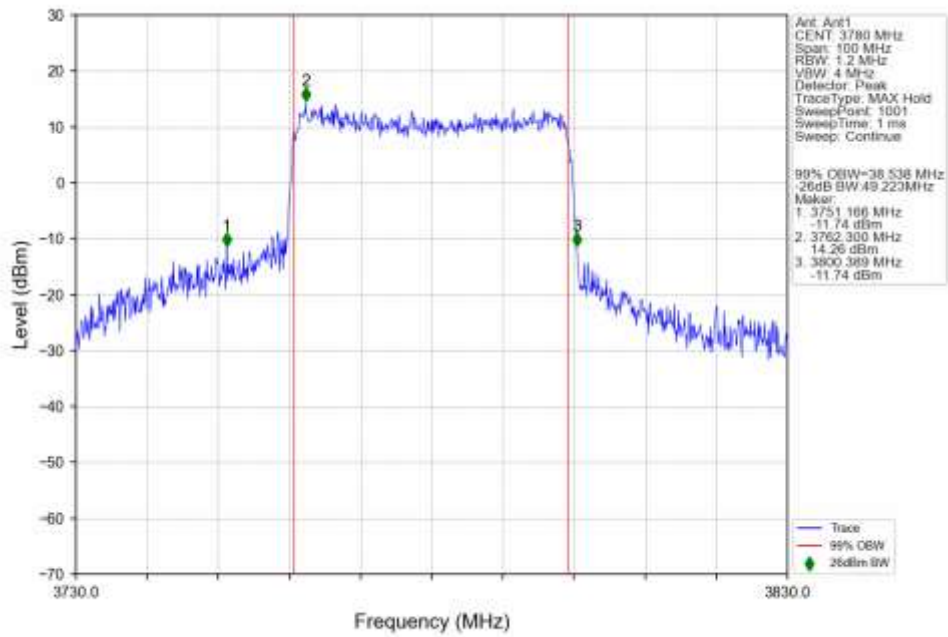
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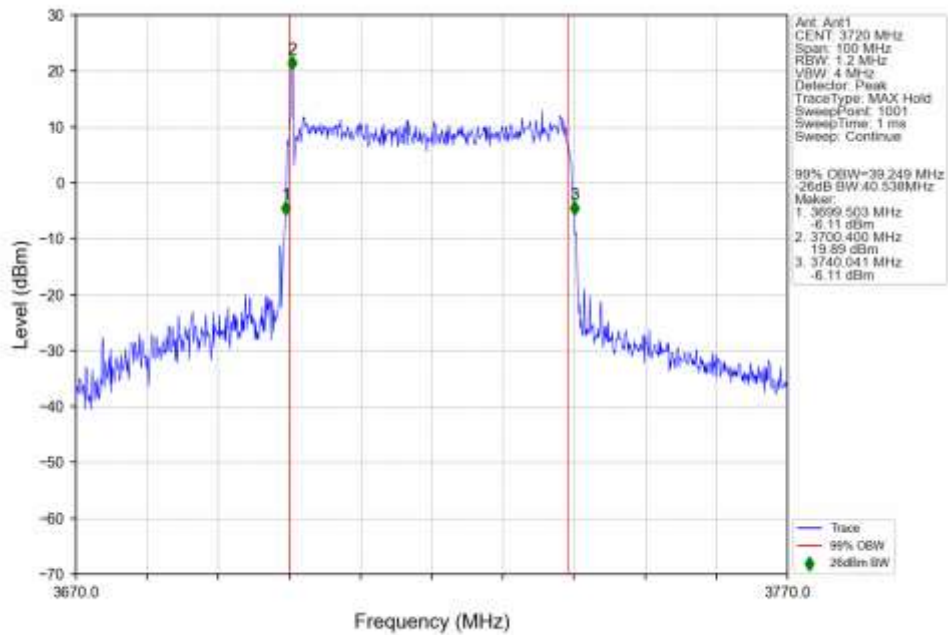
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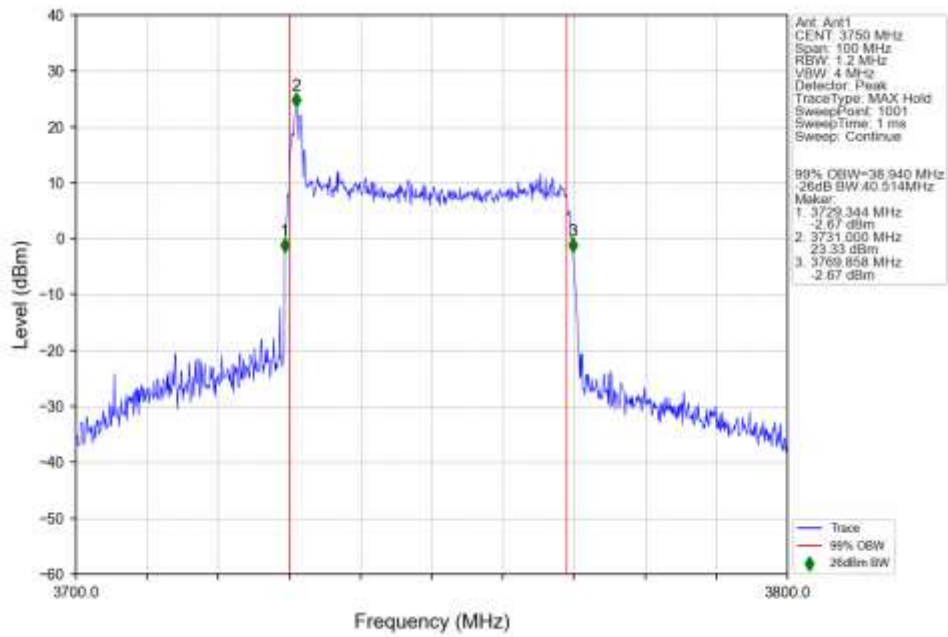
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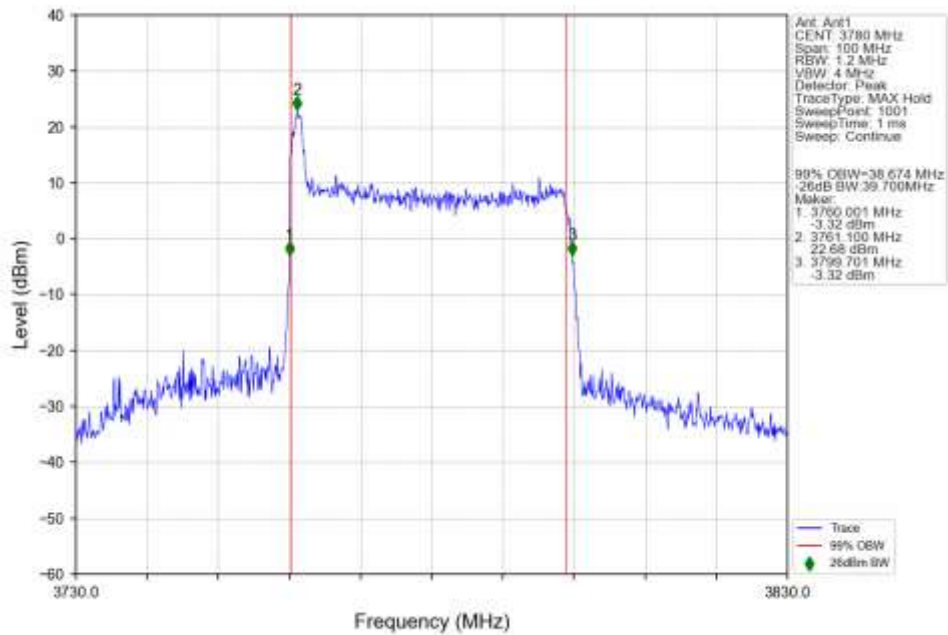
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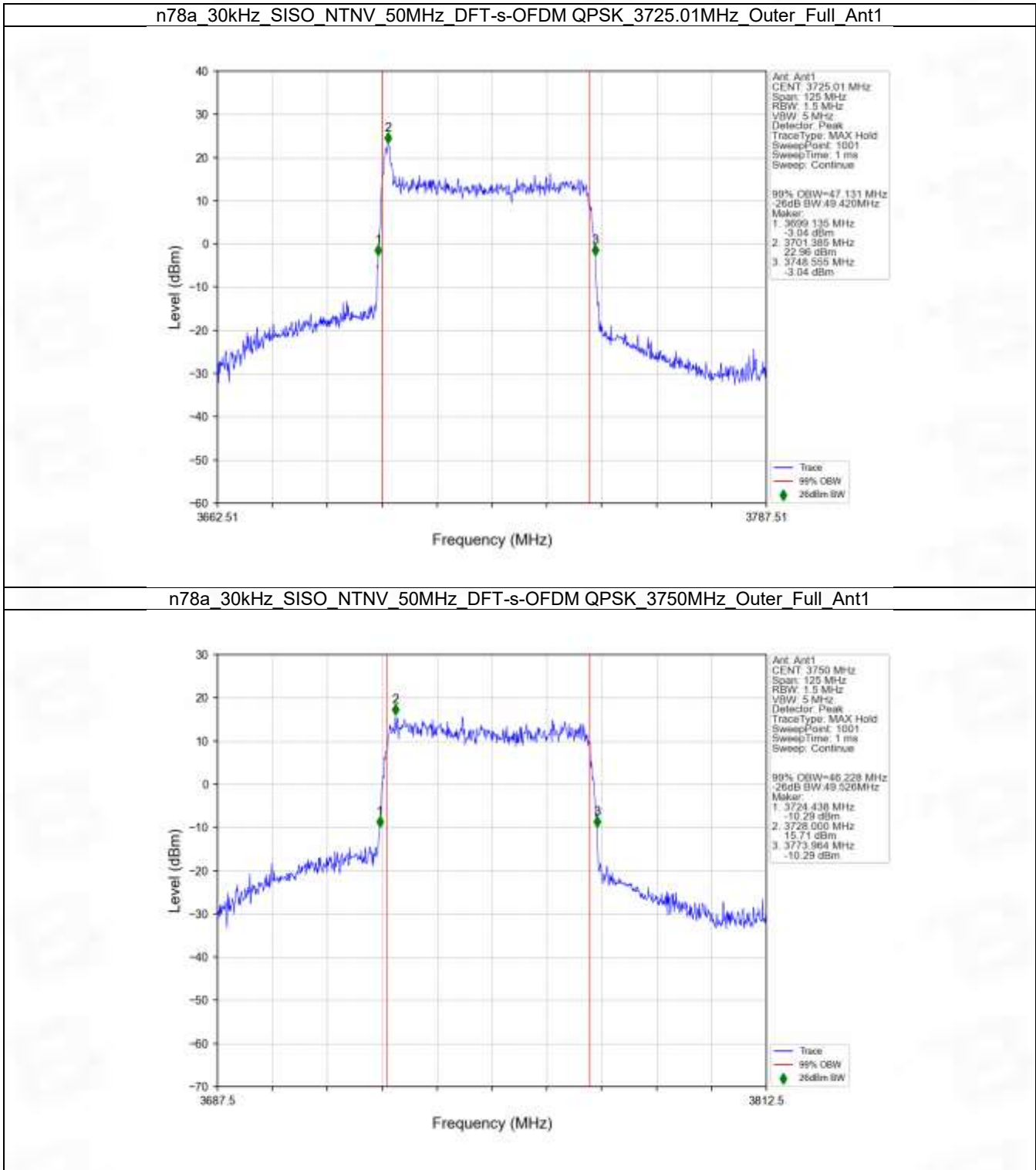
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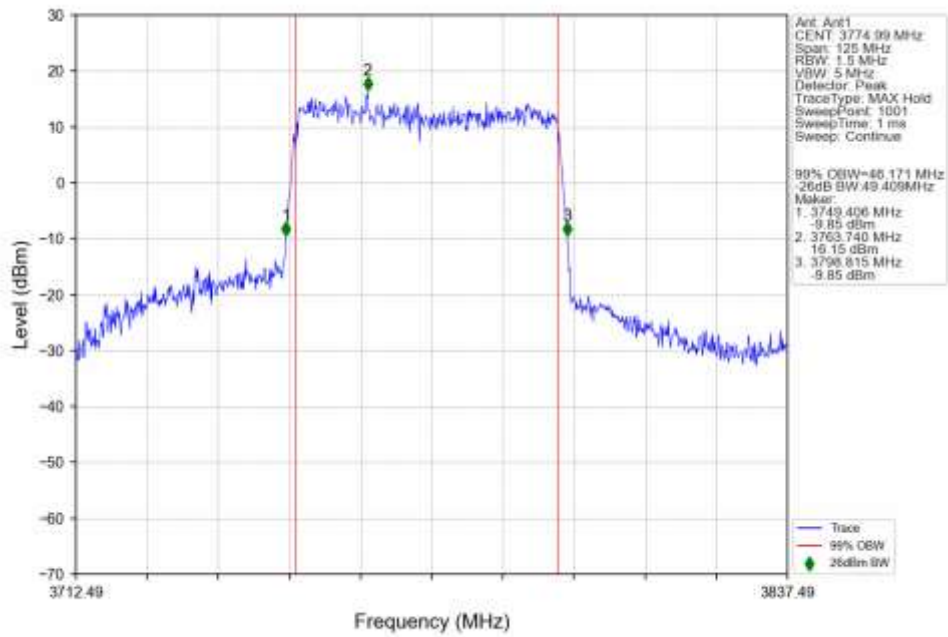
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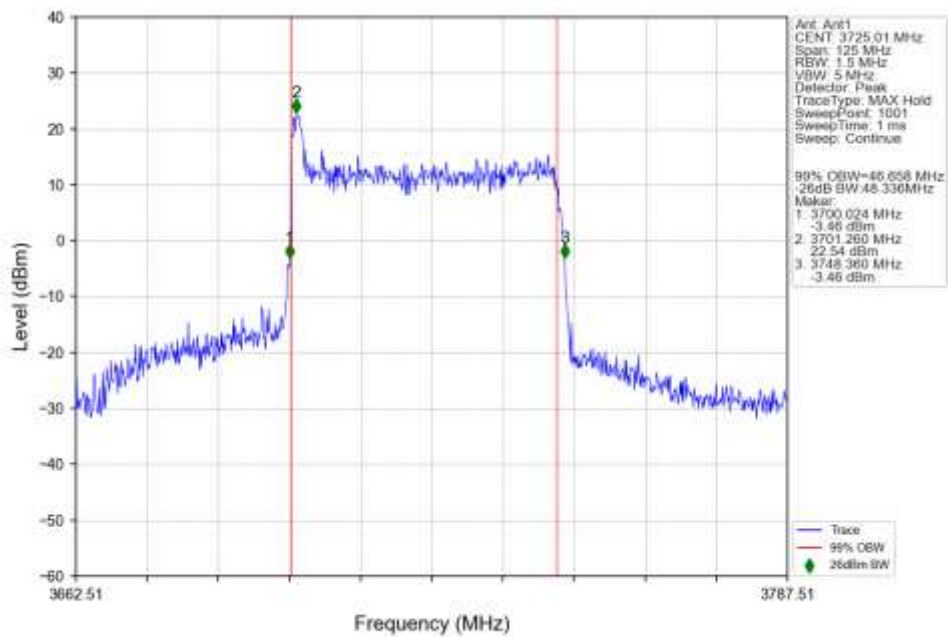
4.2.14 30k_SISO_50MHz_NTNV



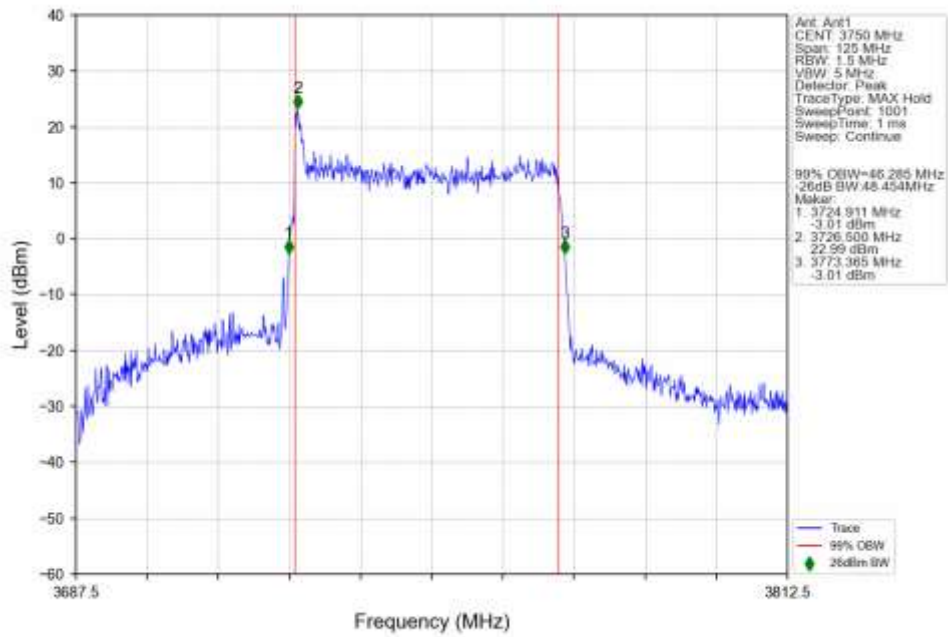
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Outer Full Ant1



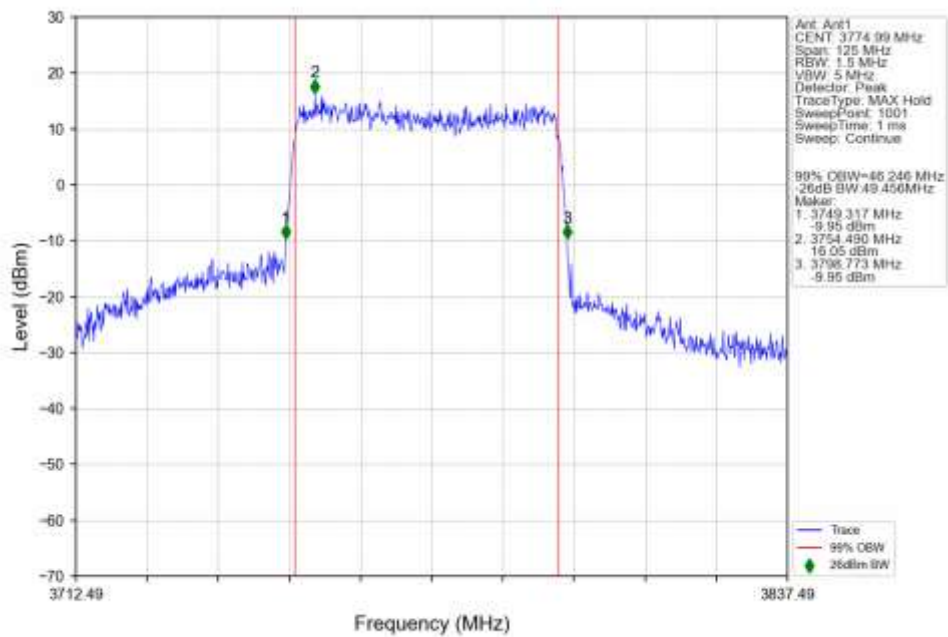
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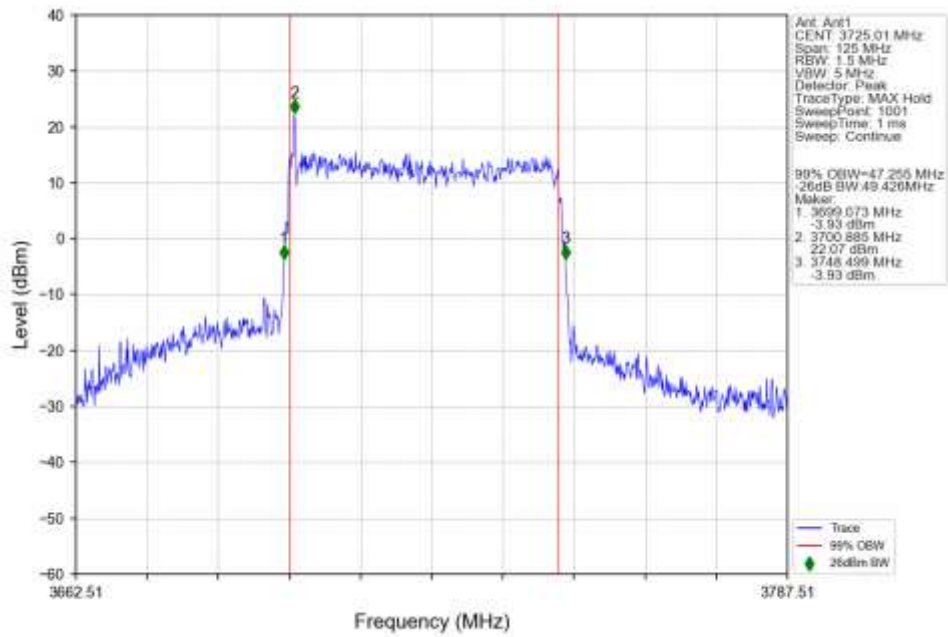
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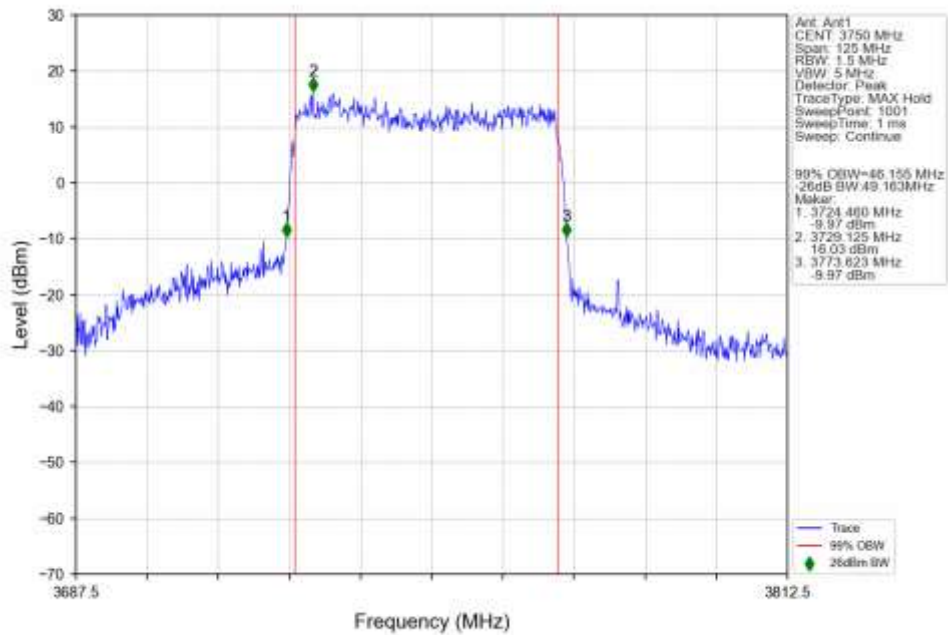
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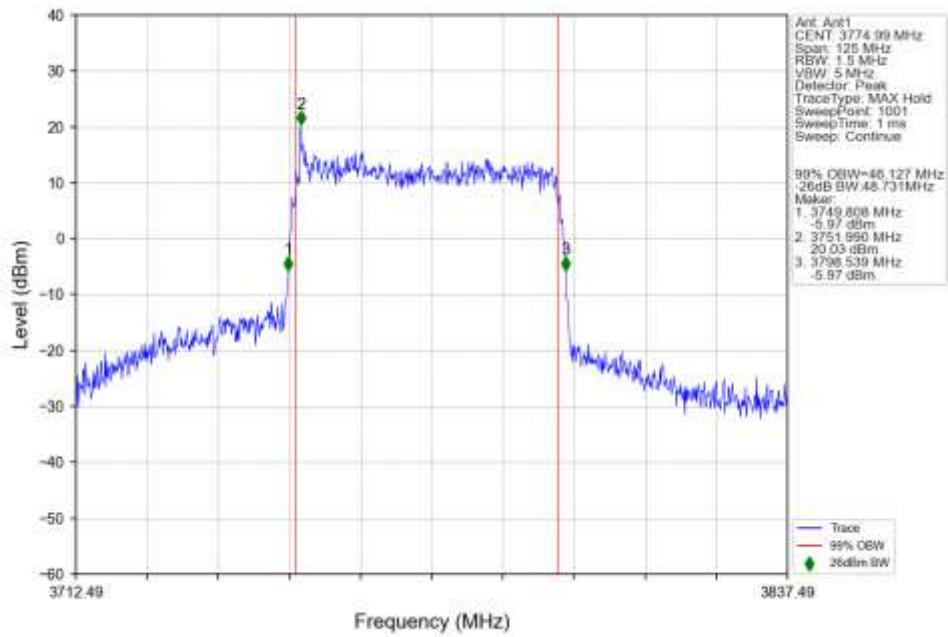
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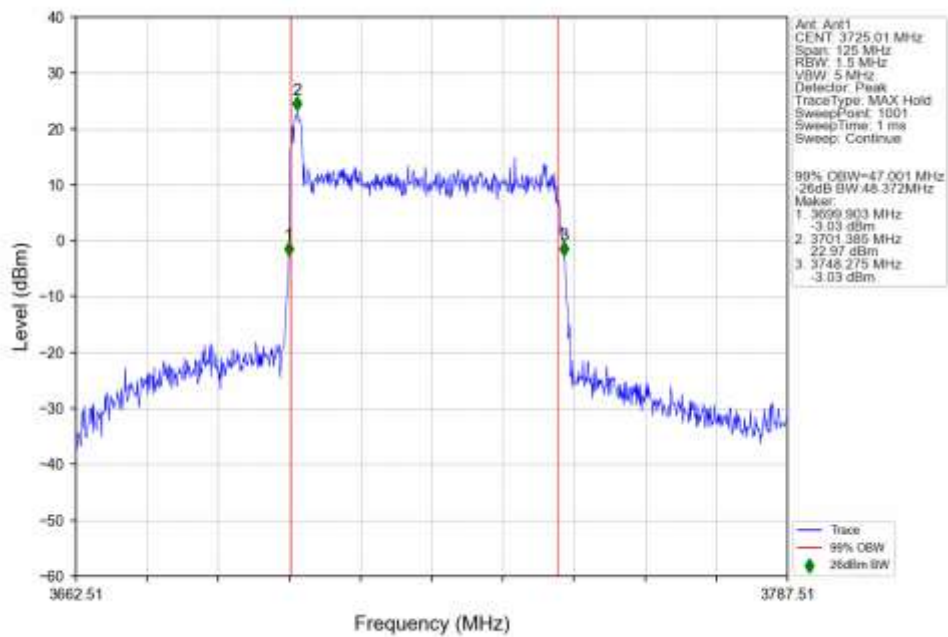
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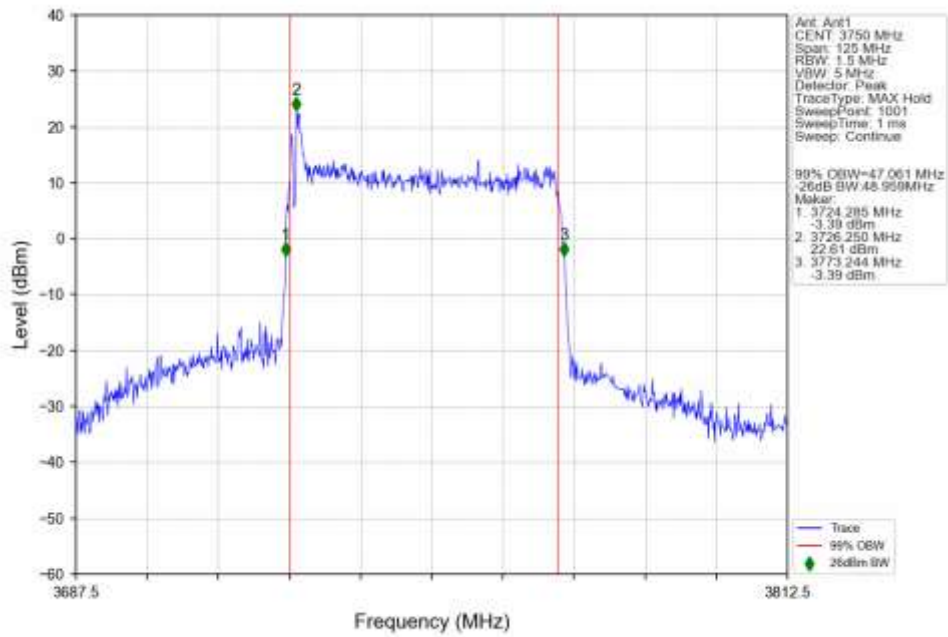
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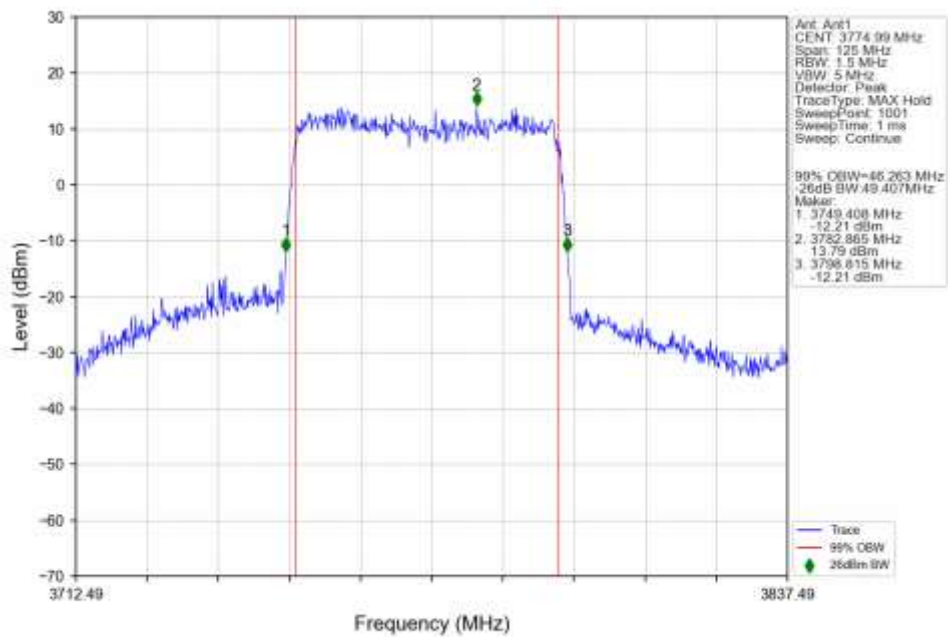
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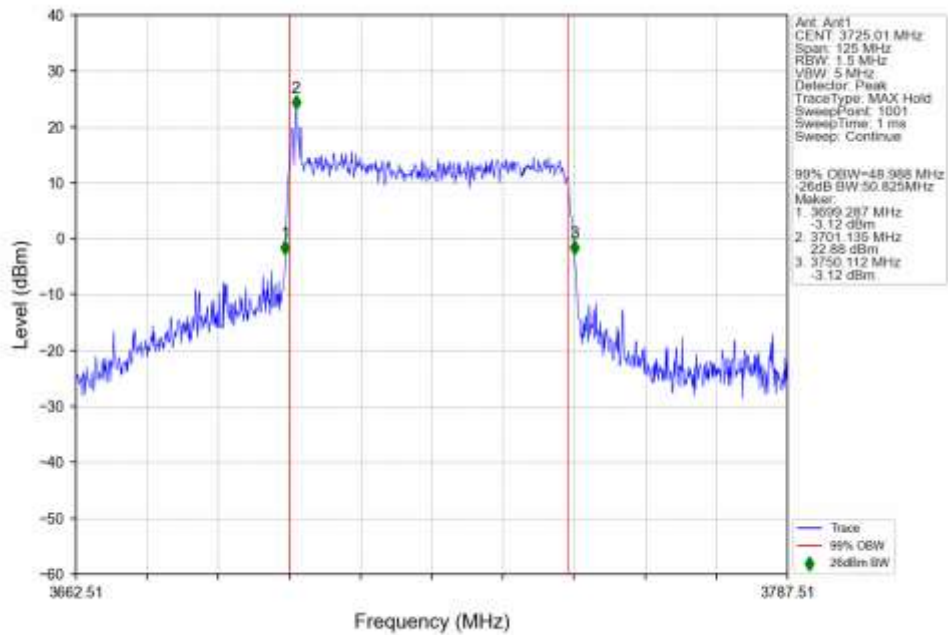
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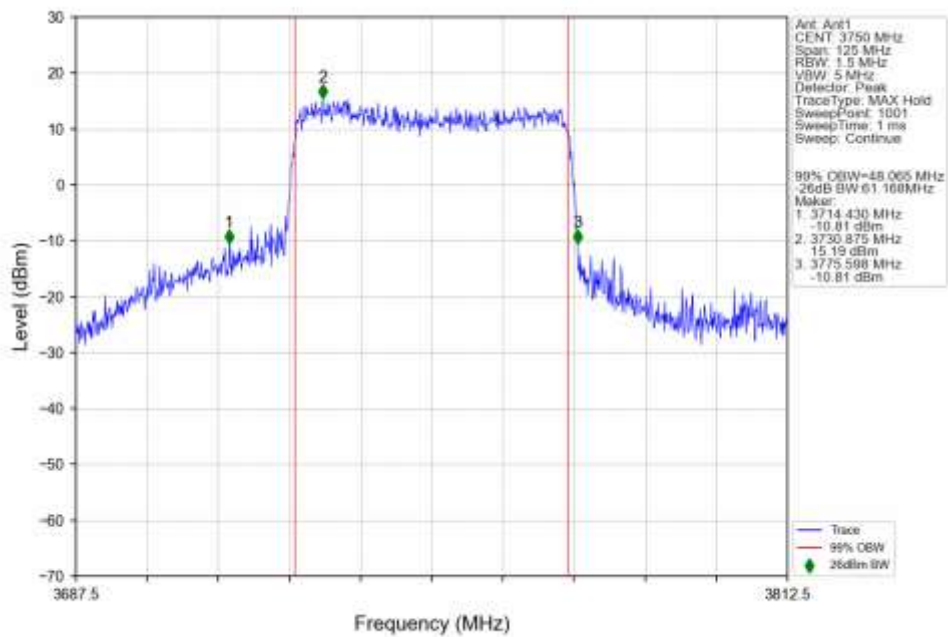
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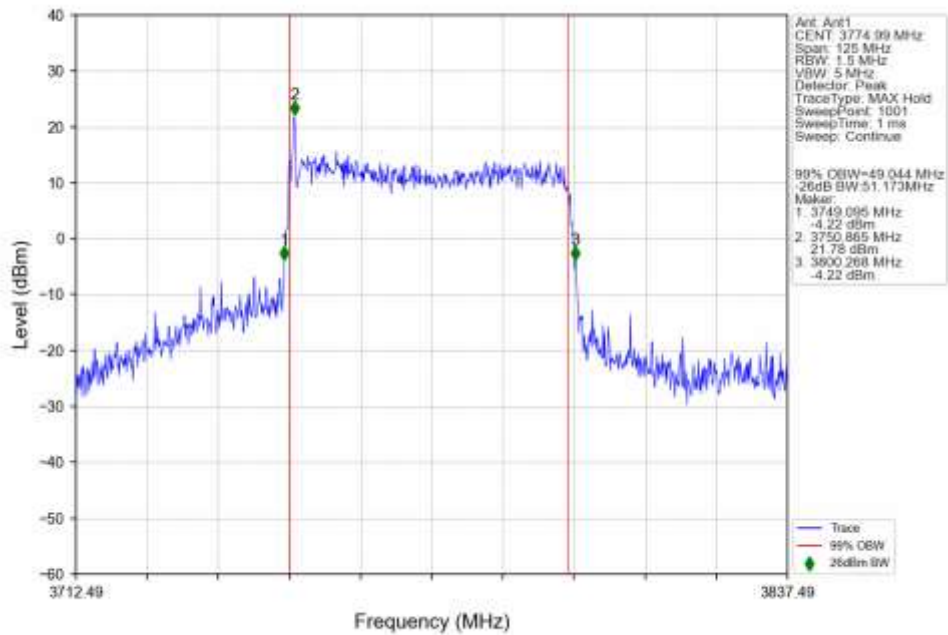
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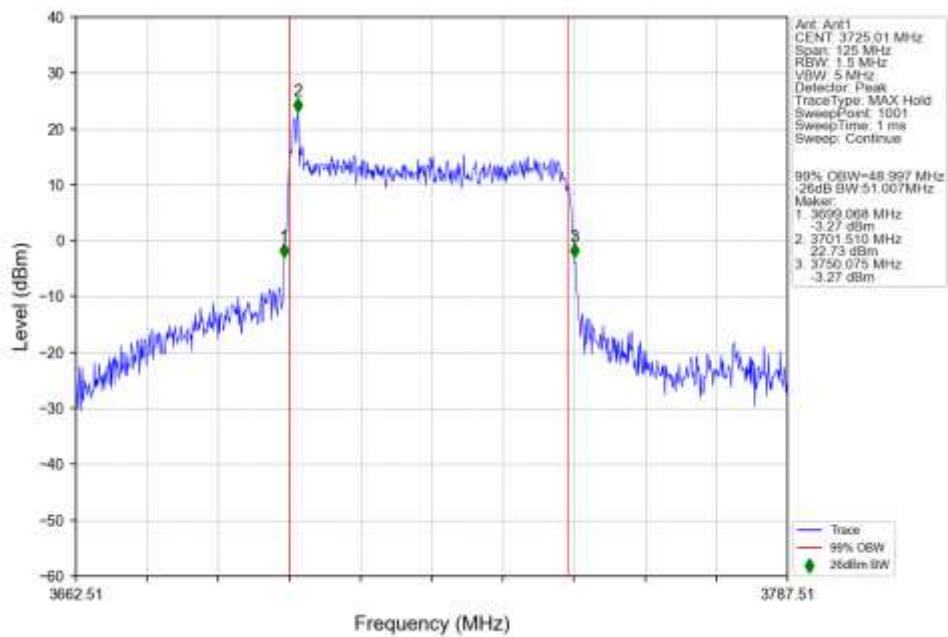
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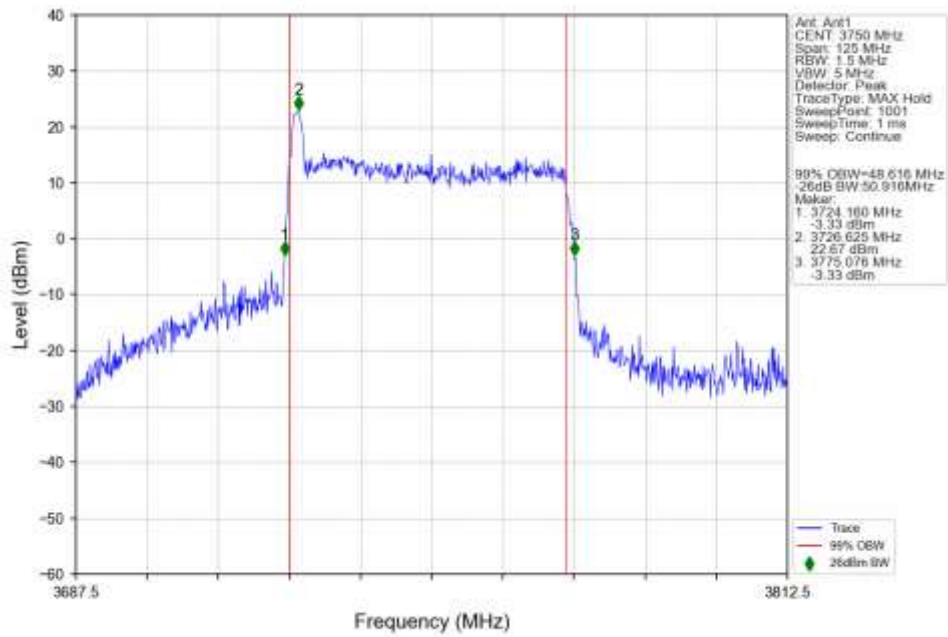
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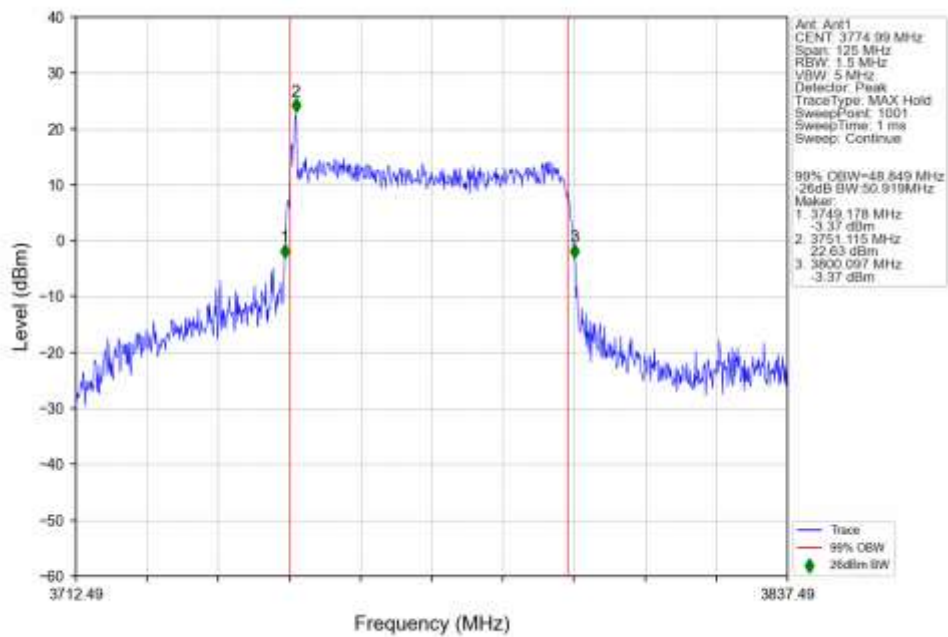
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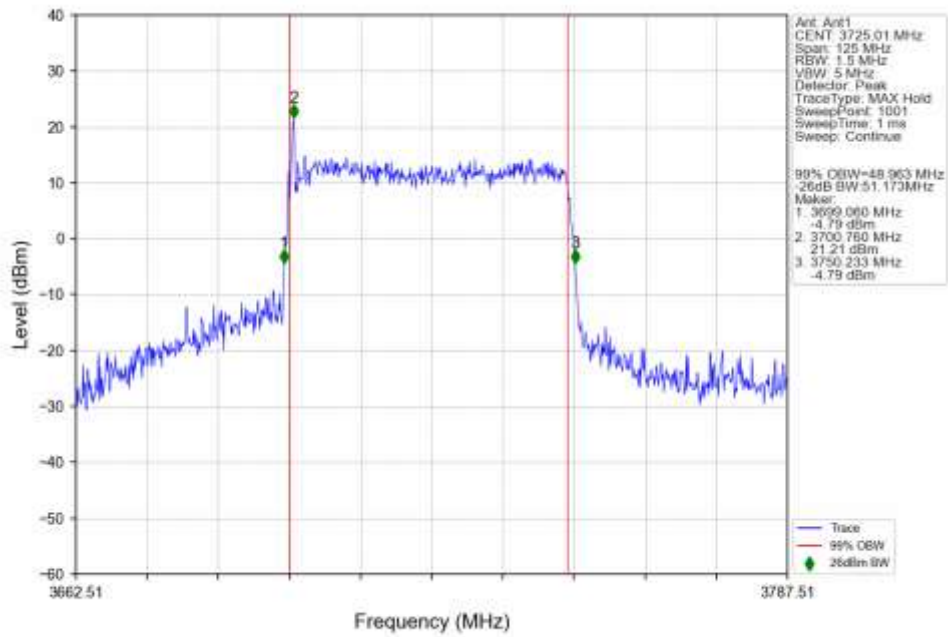
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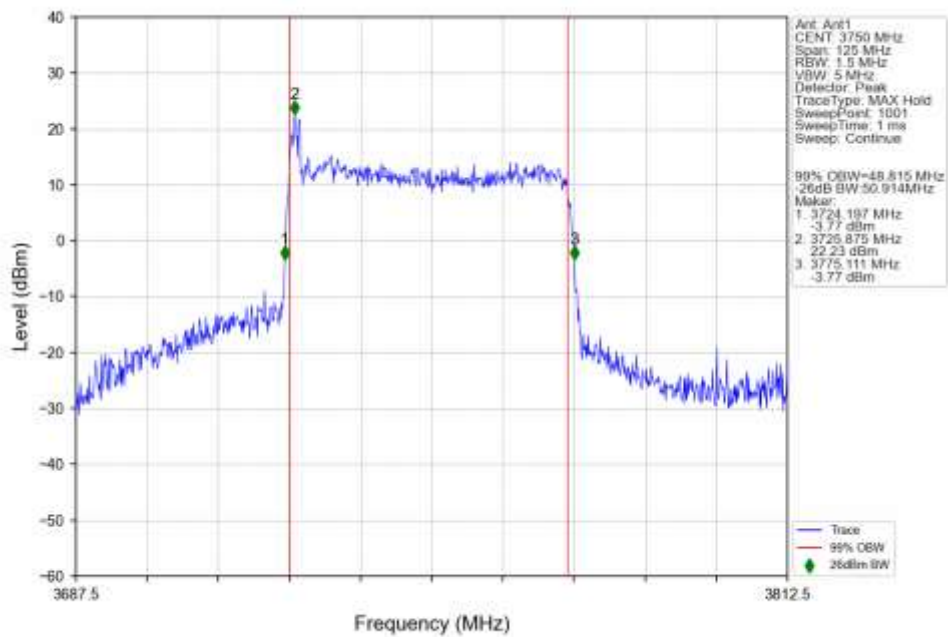
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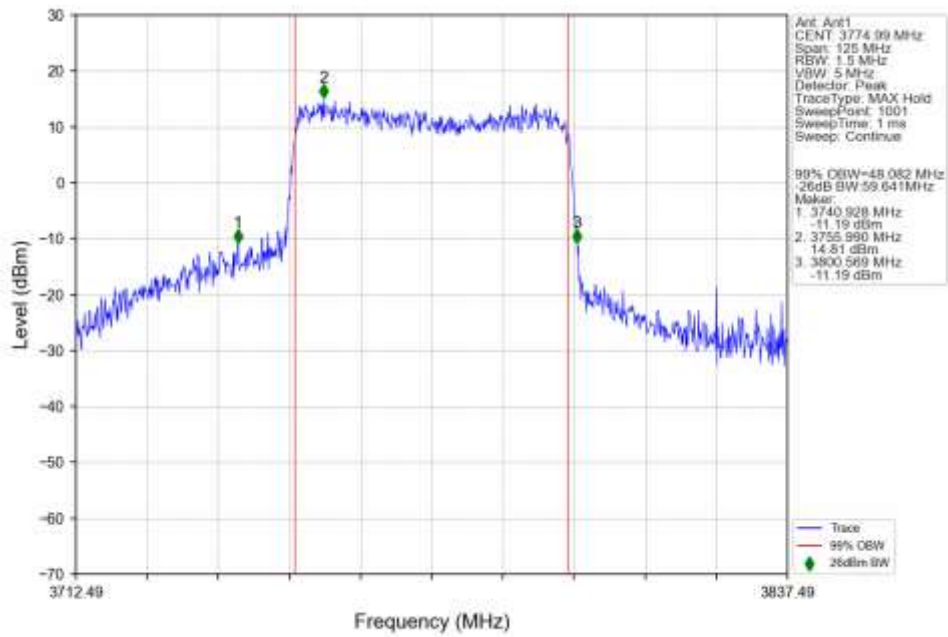
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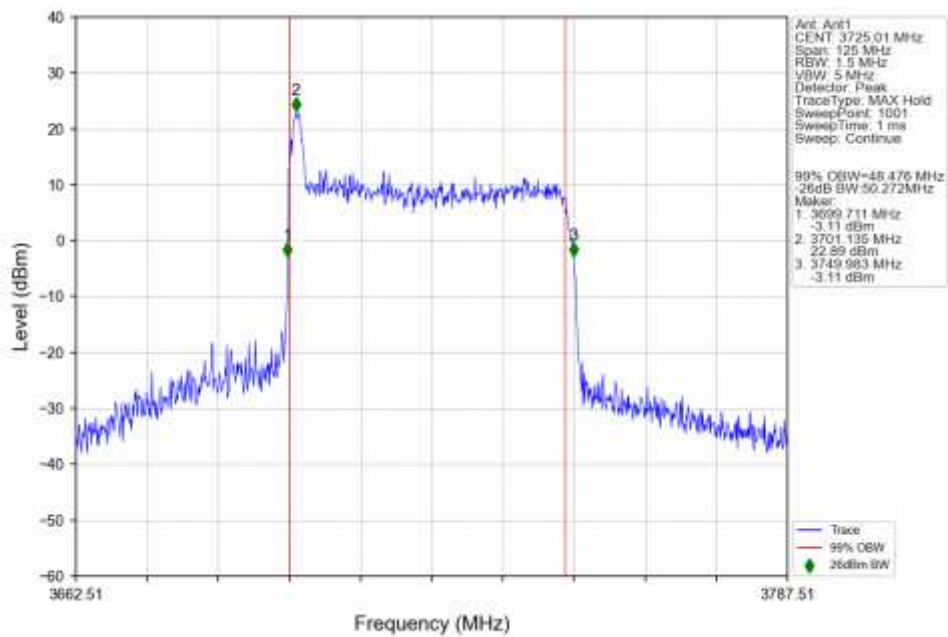
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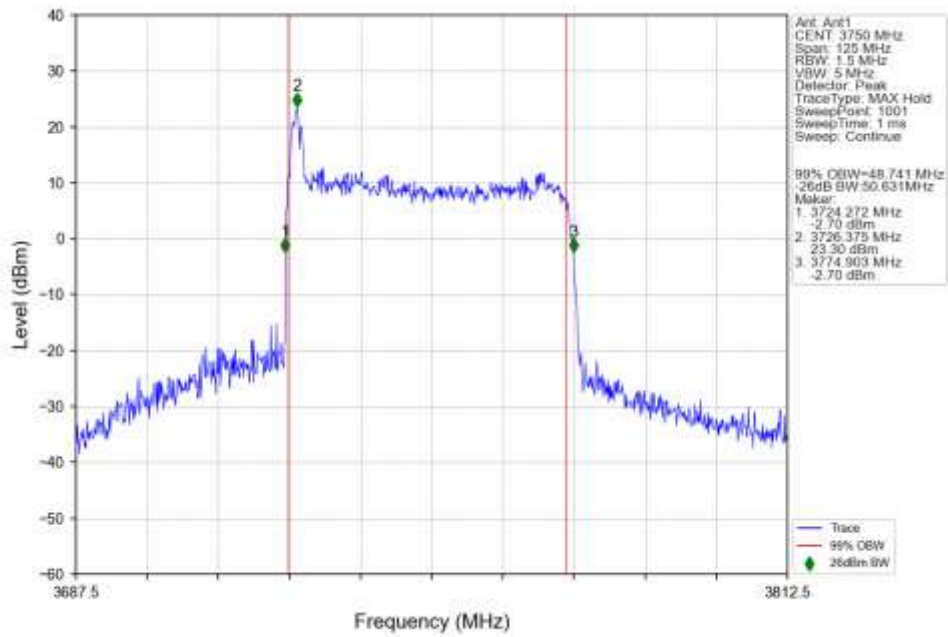
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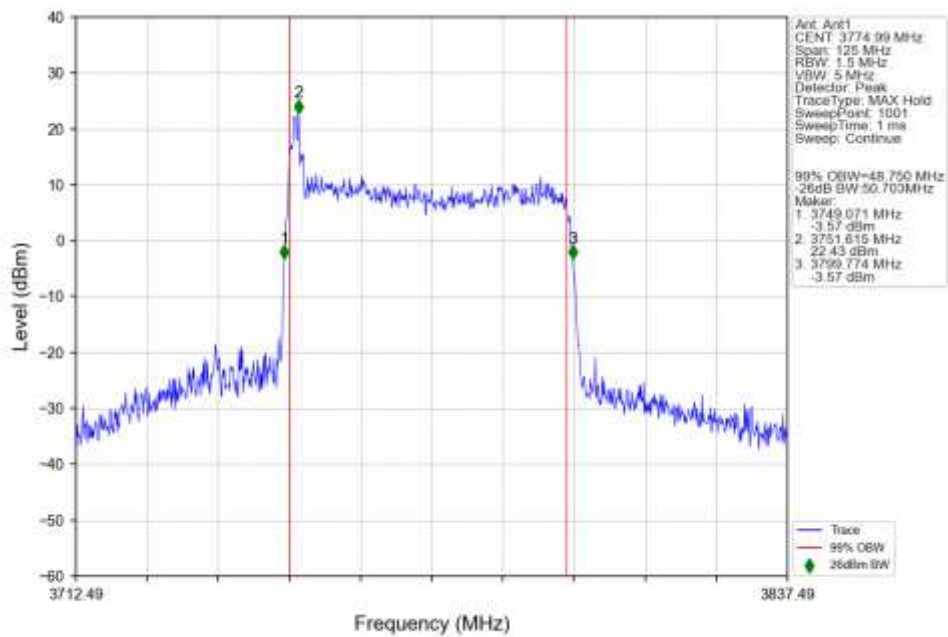
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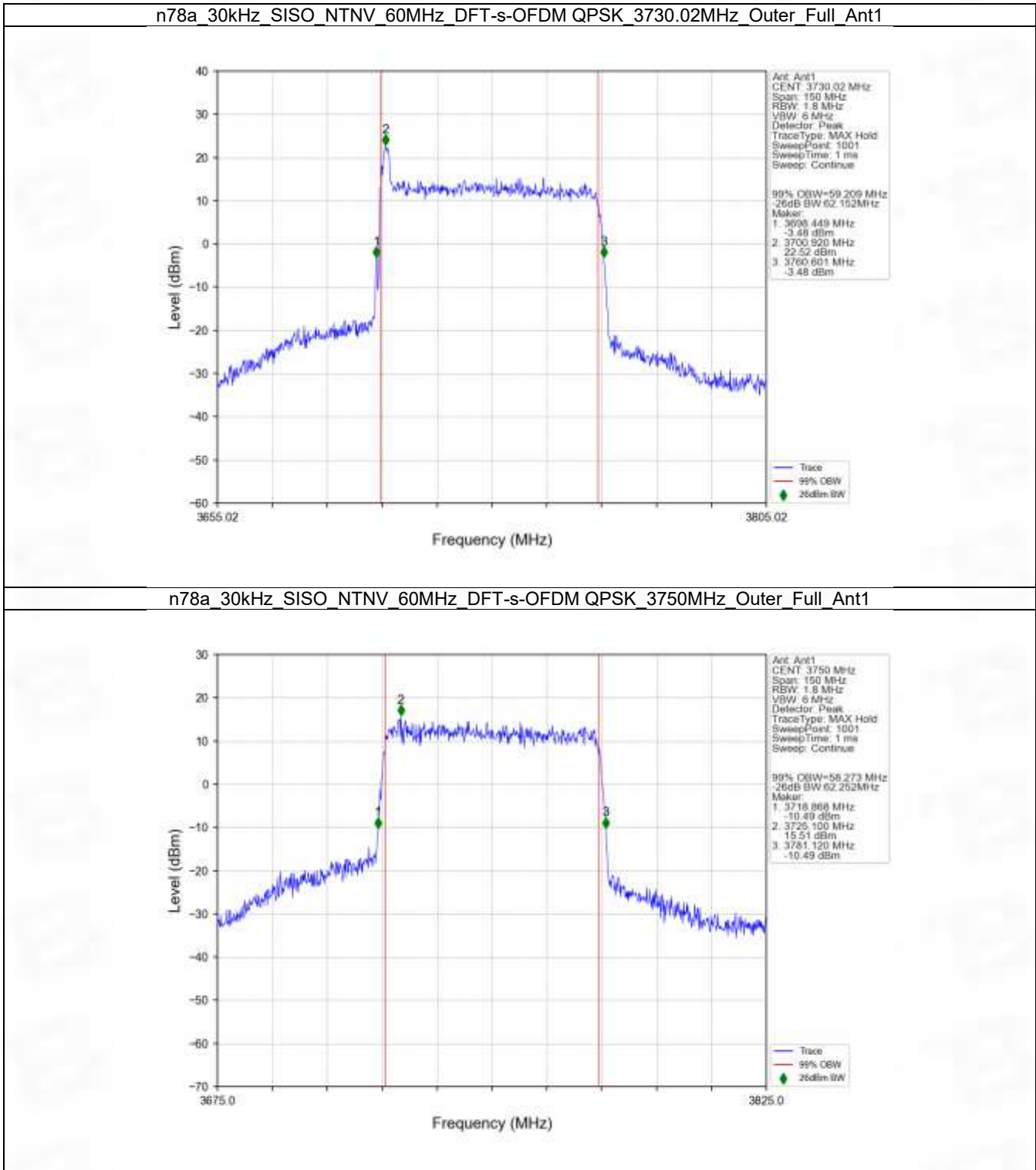
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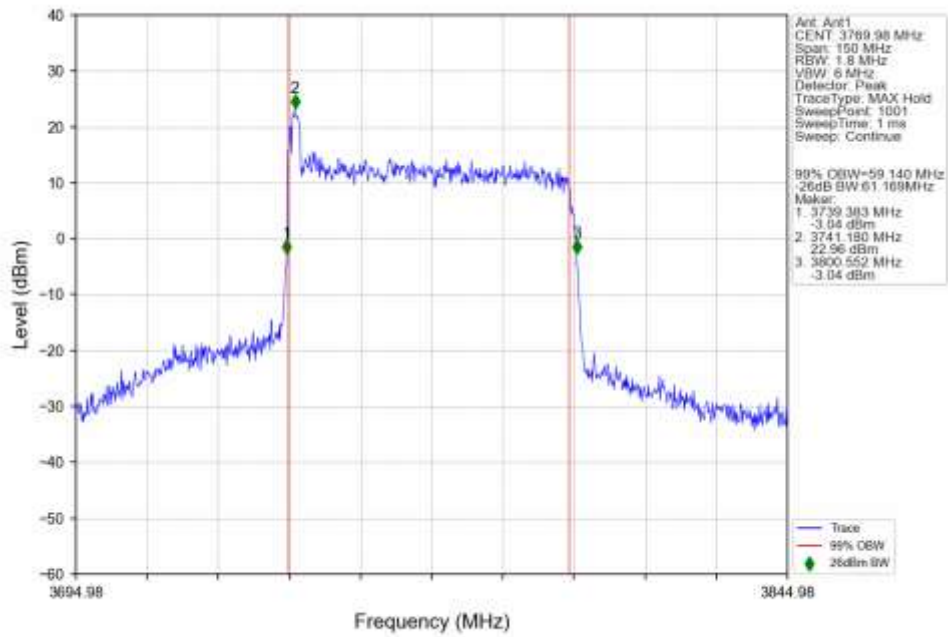
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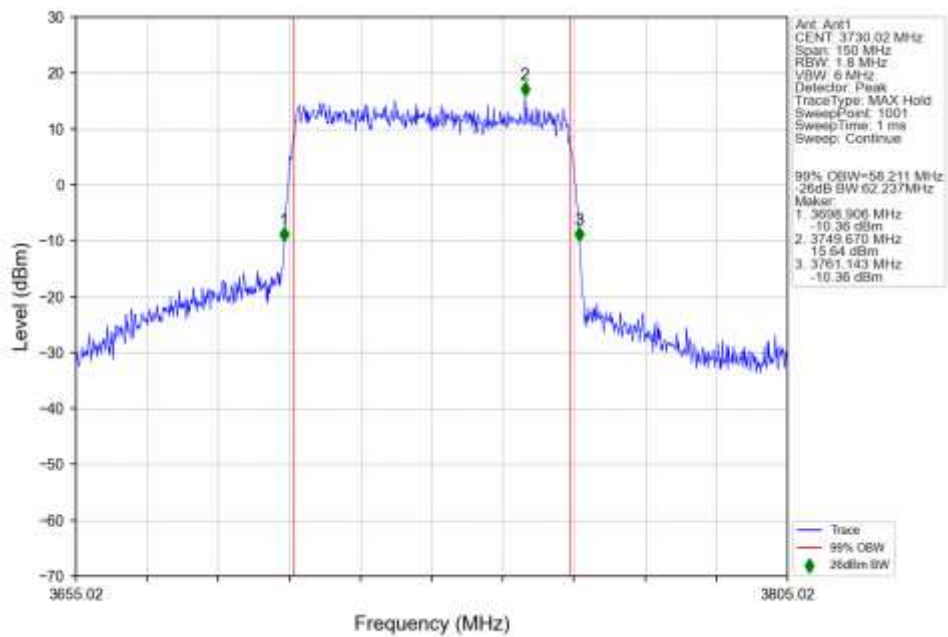
4.2.15 30k_SISO_60MHz_NTNV



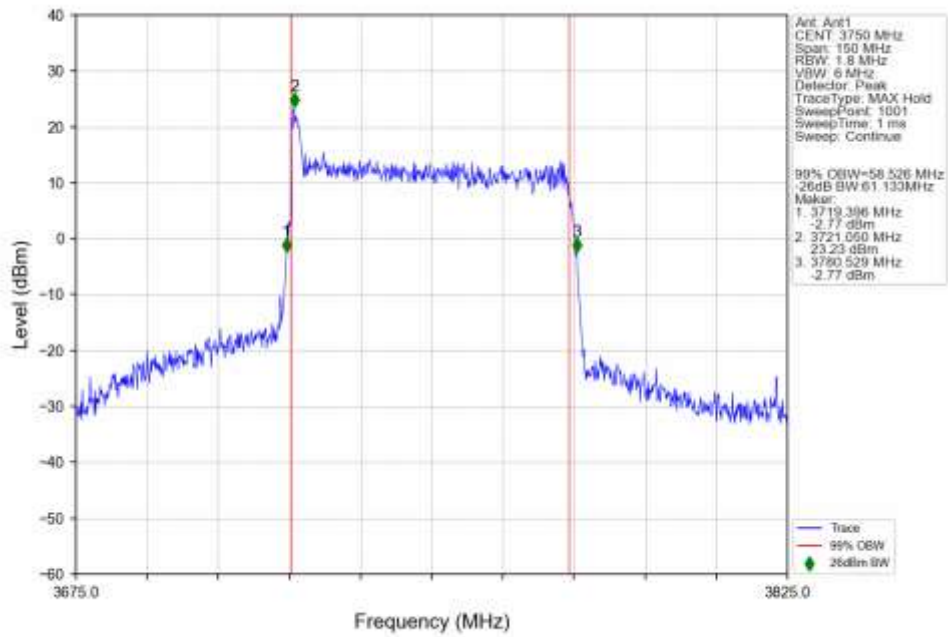
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3769.98MHz Outer Full Ant1



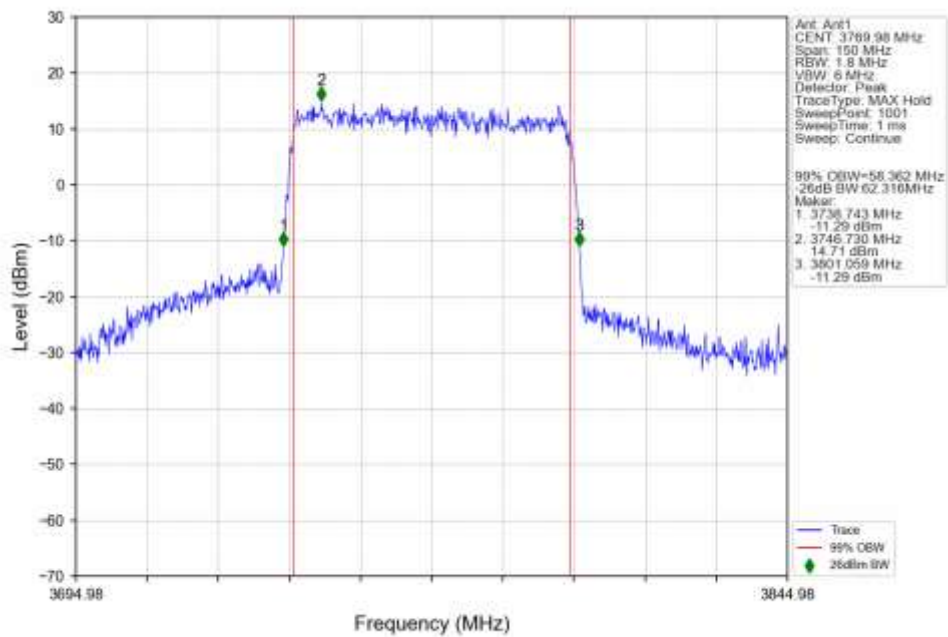
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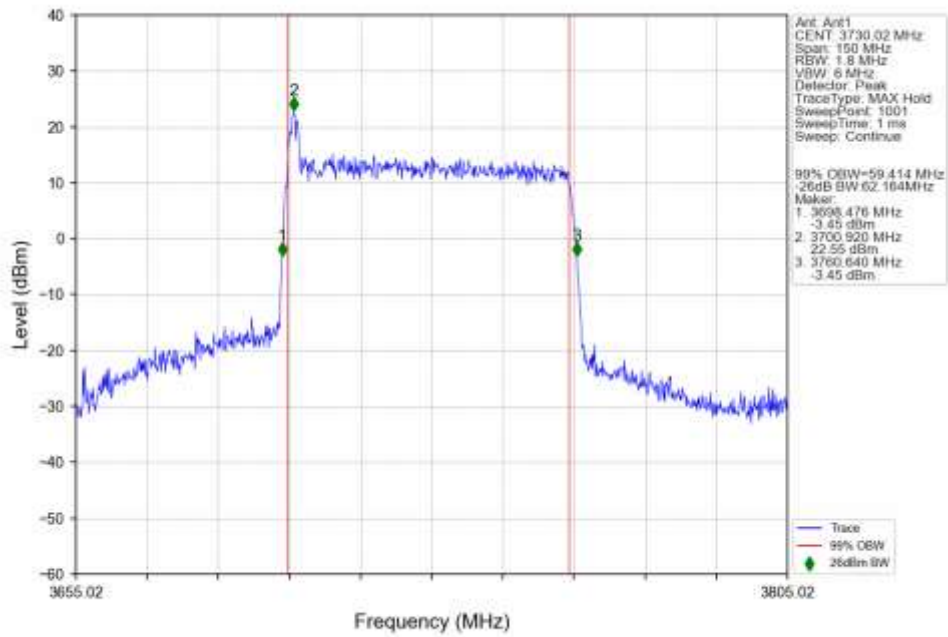
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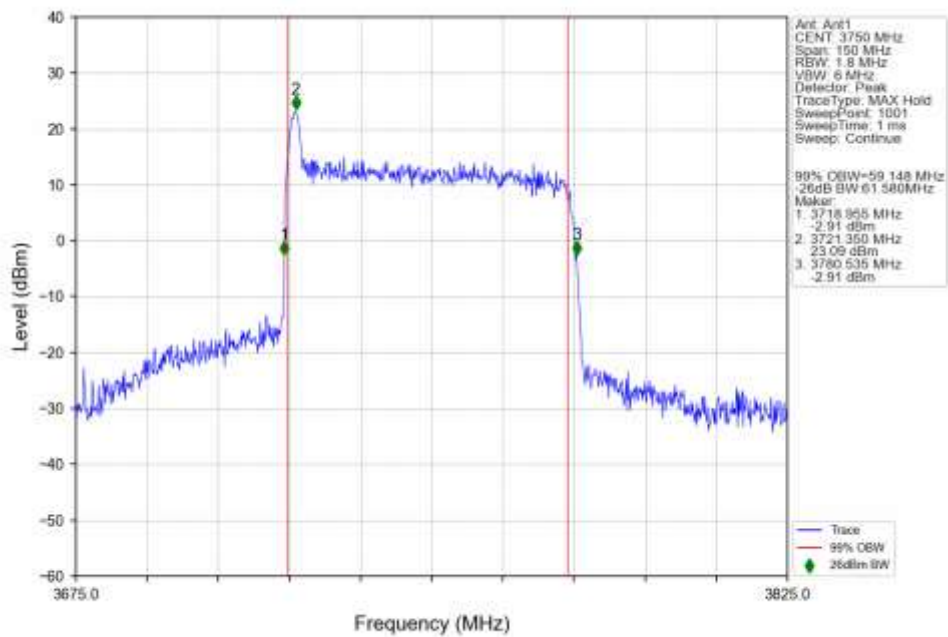
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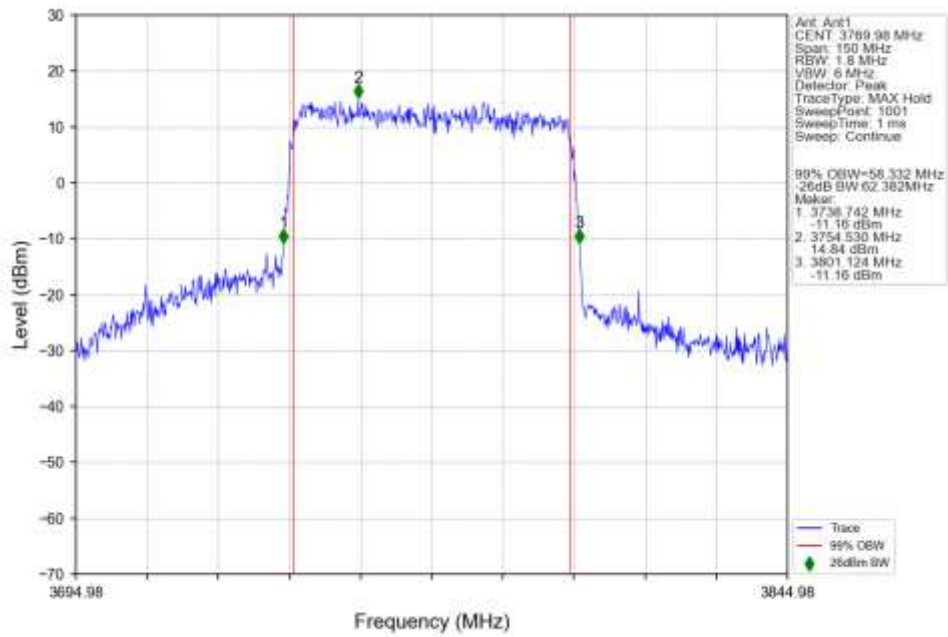
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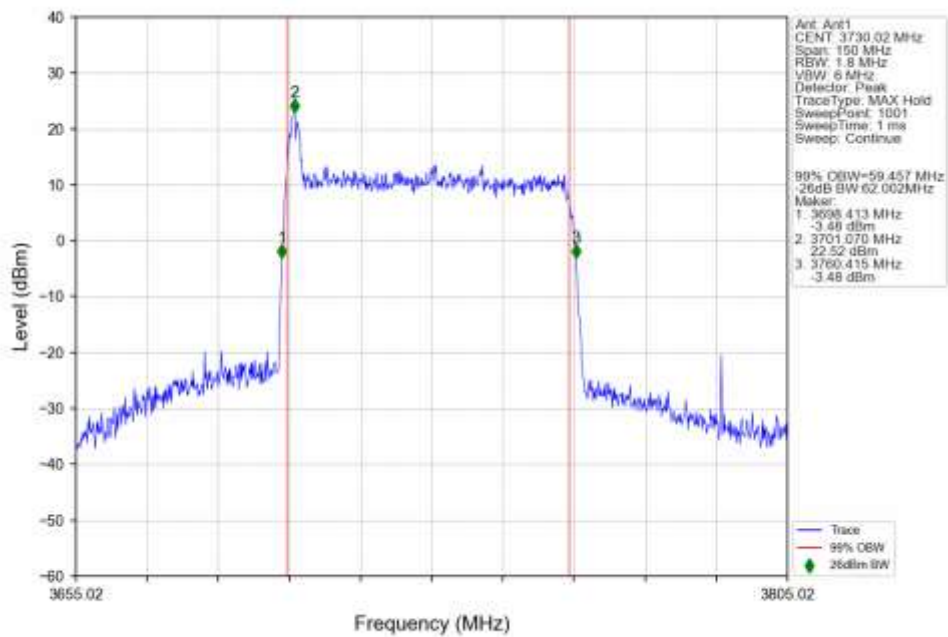
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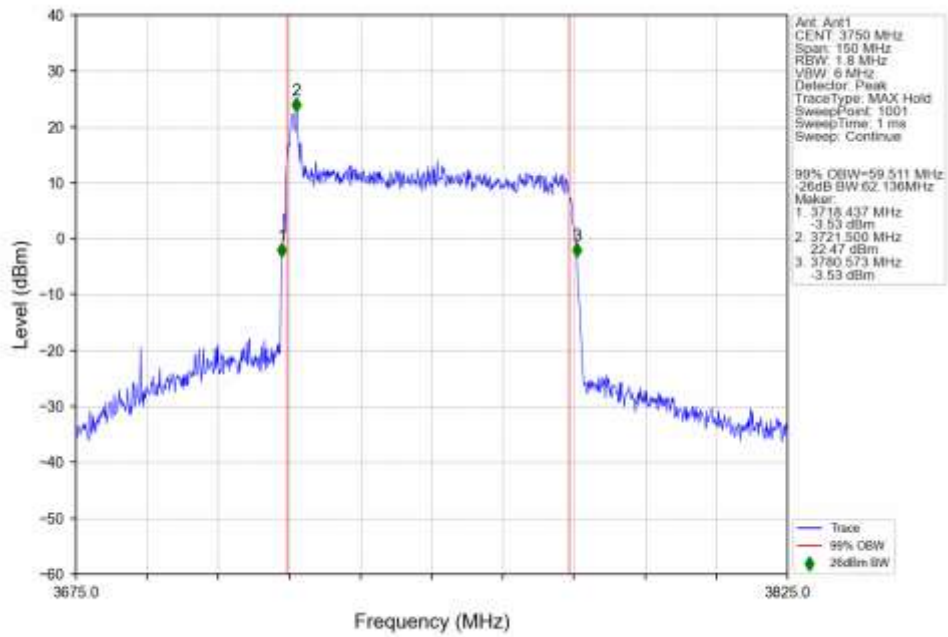
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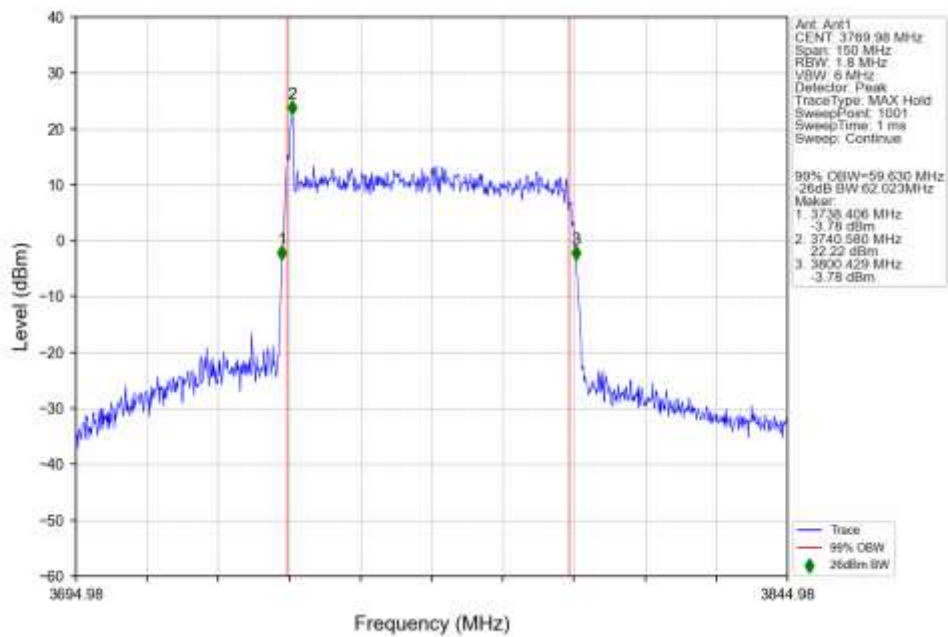
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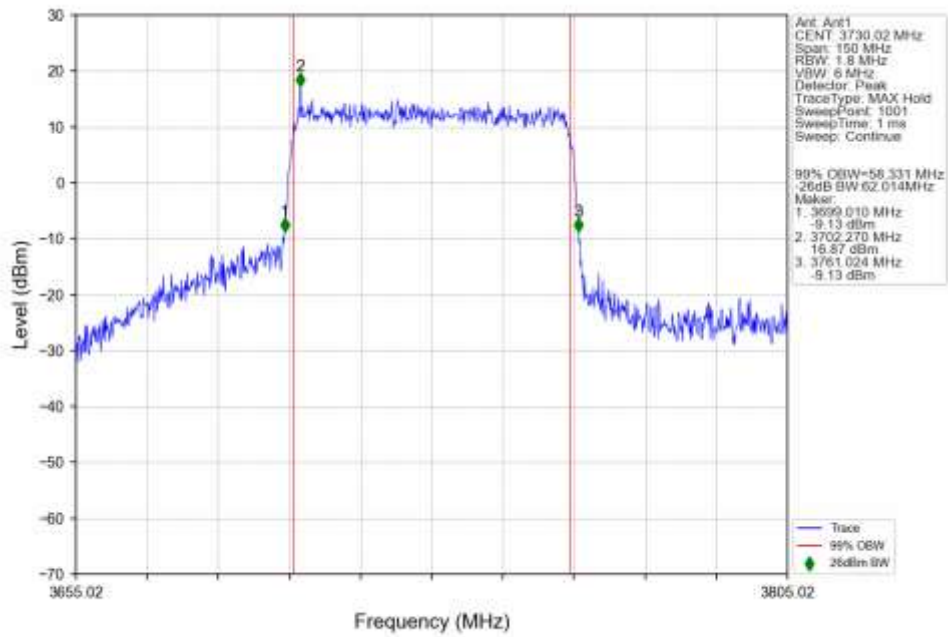
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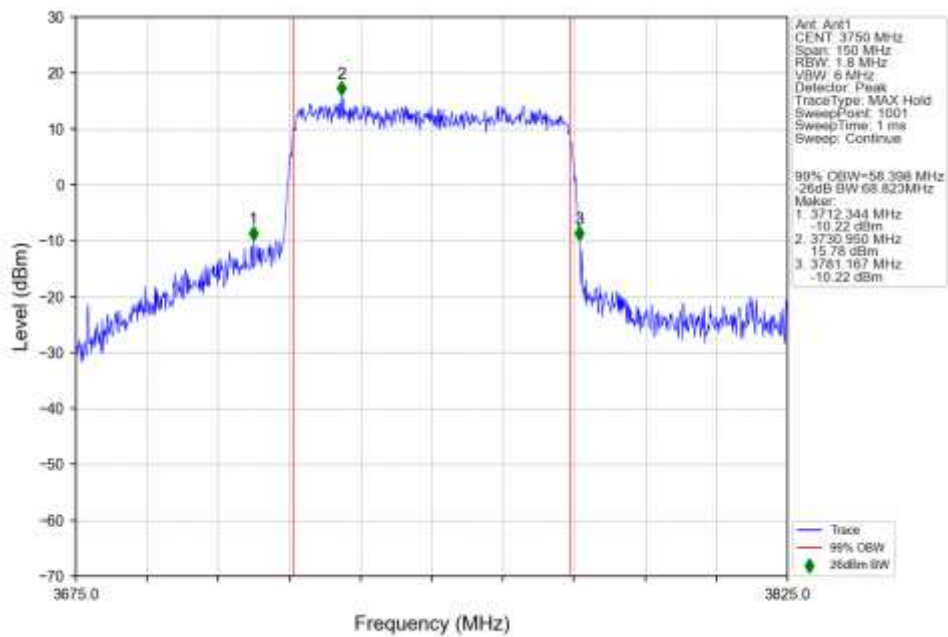
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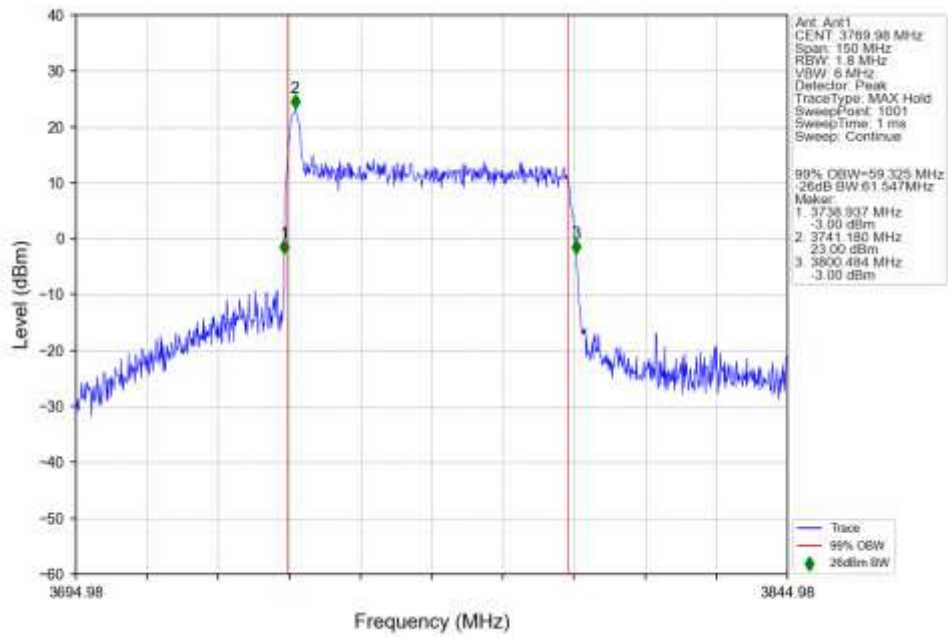
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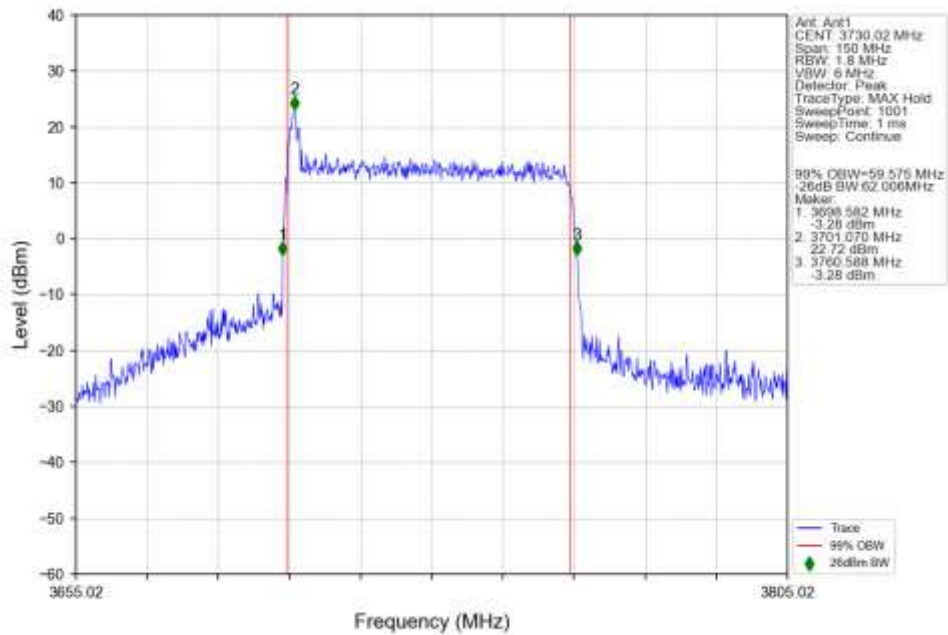
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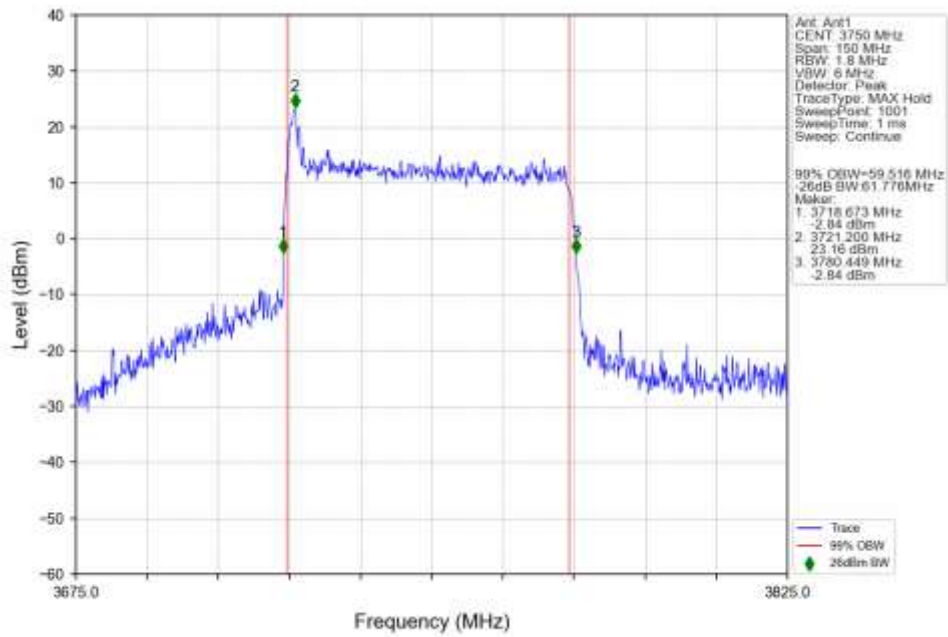
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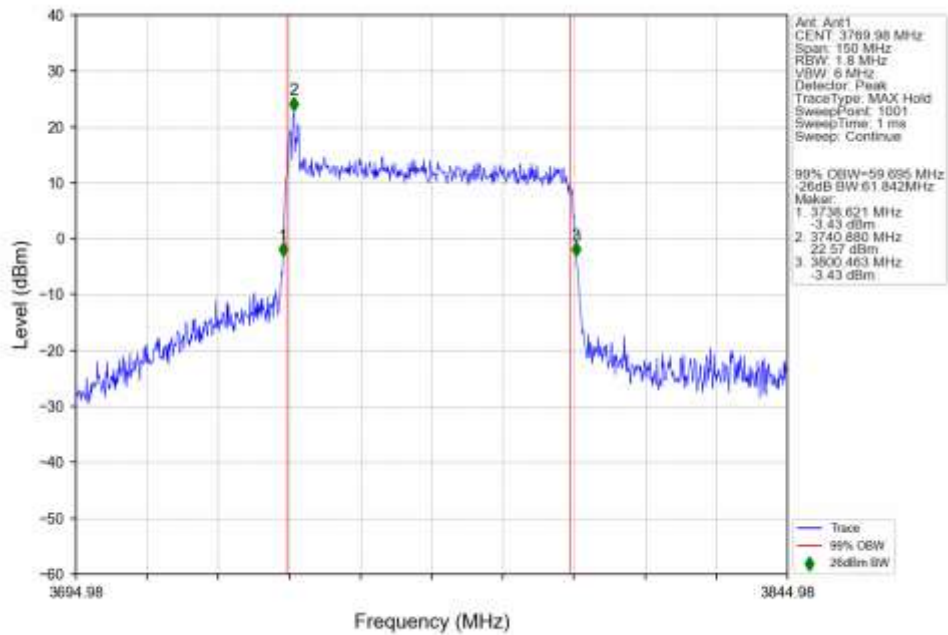
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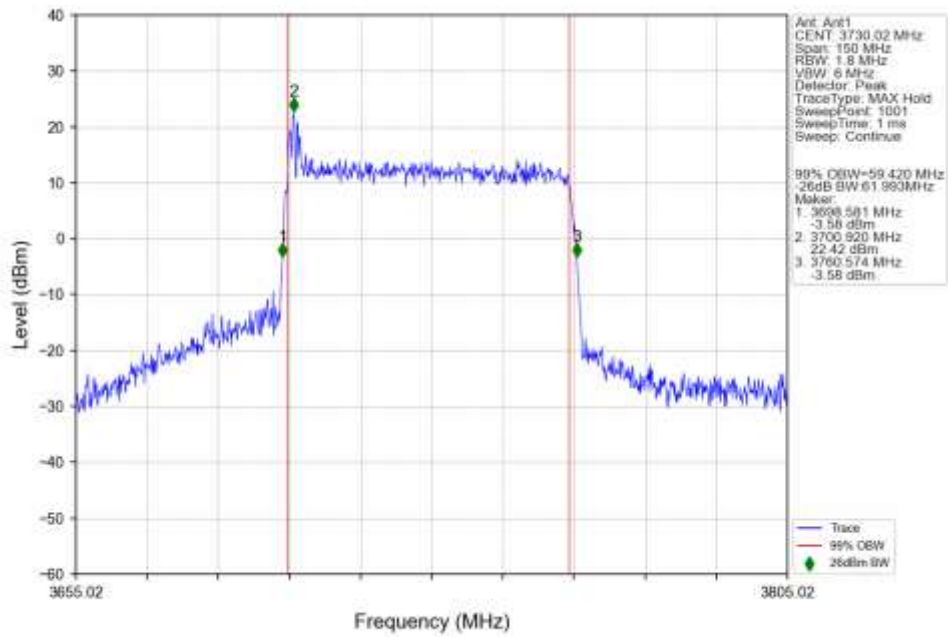
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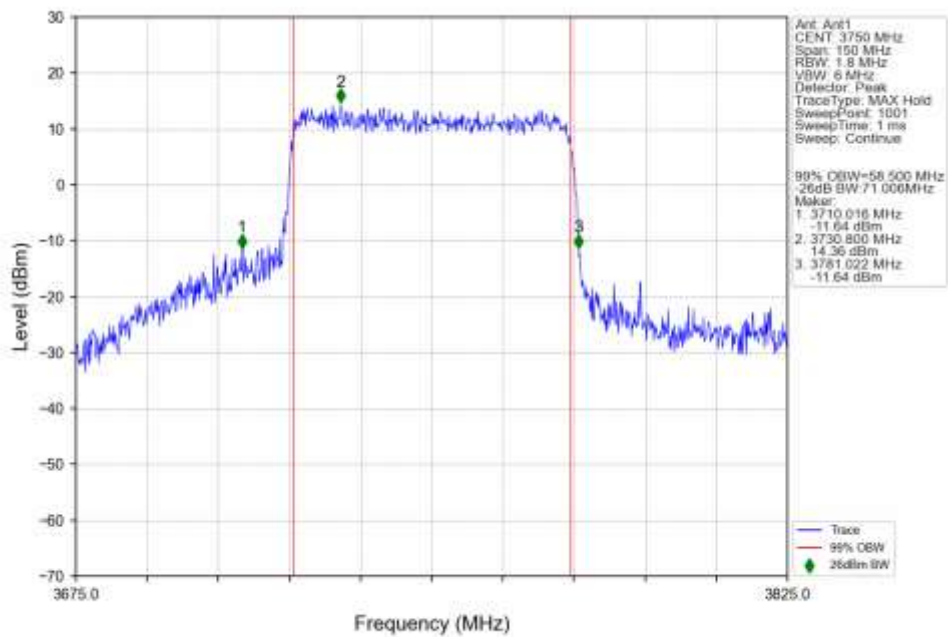
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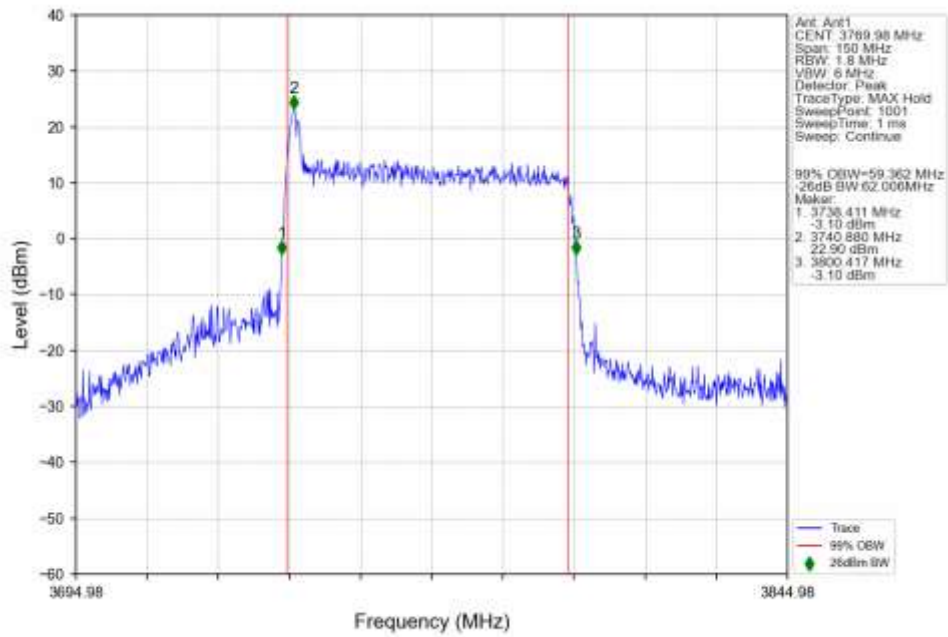
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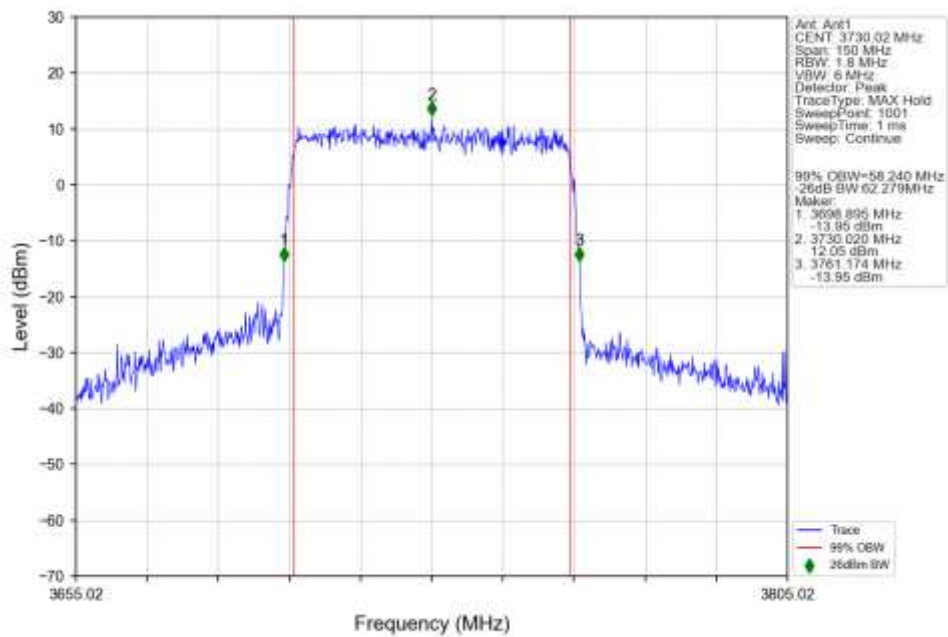
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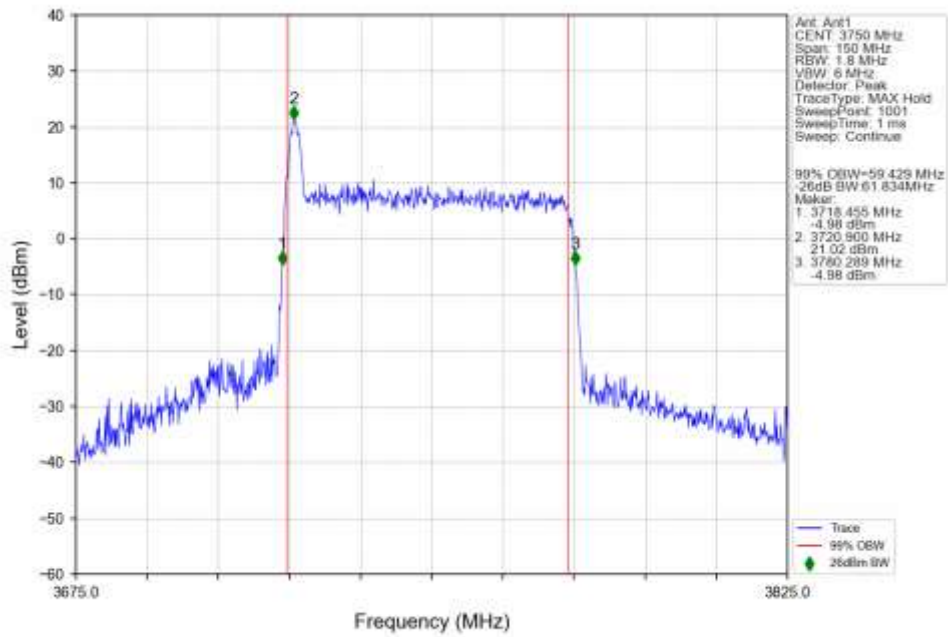
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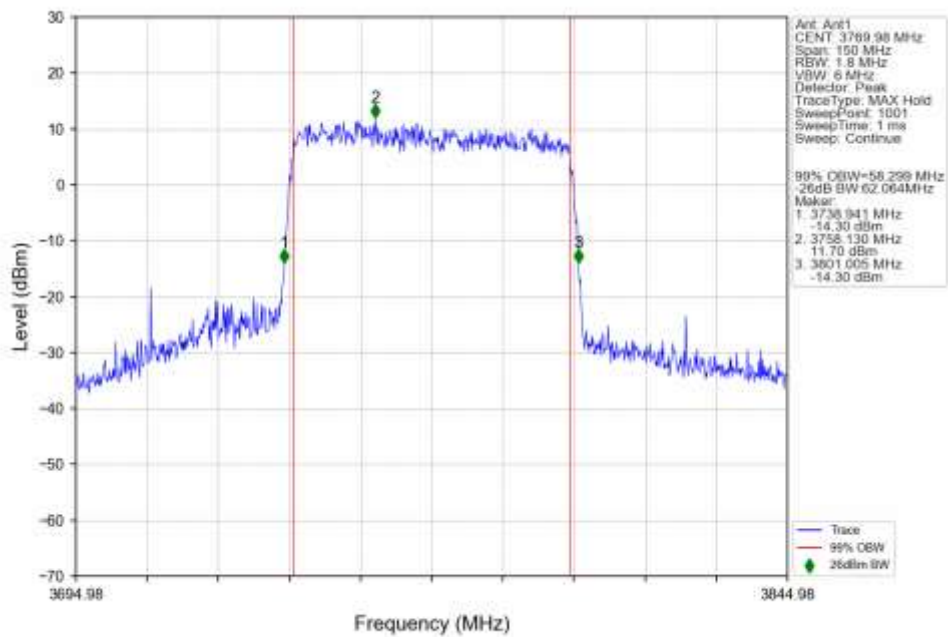
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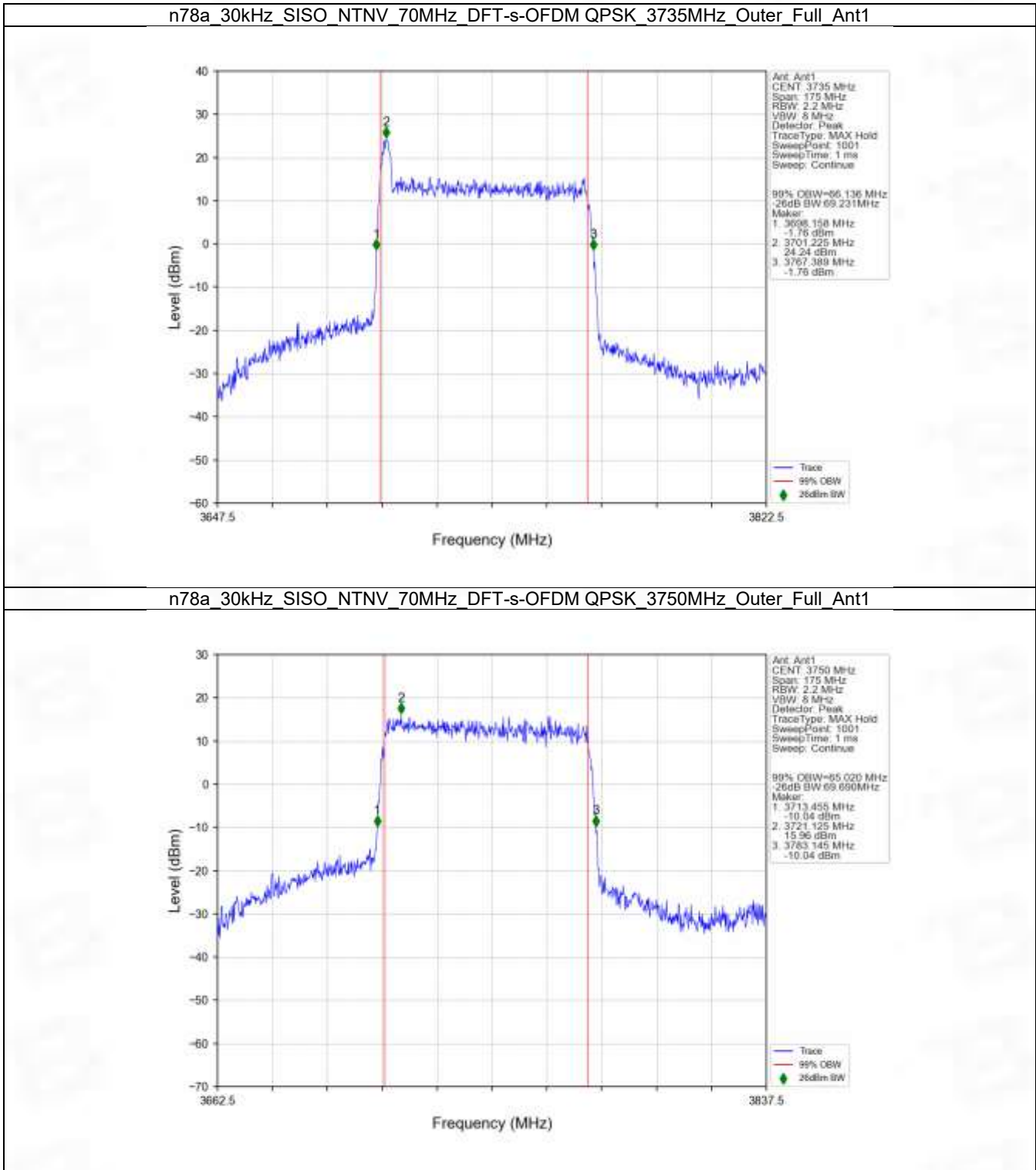
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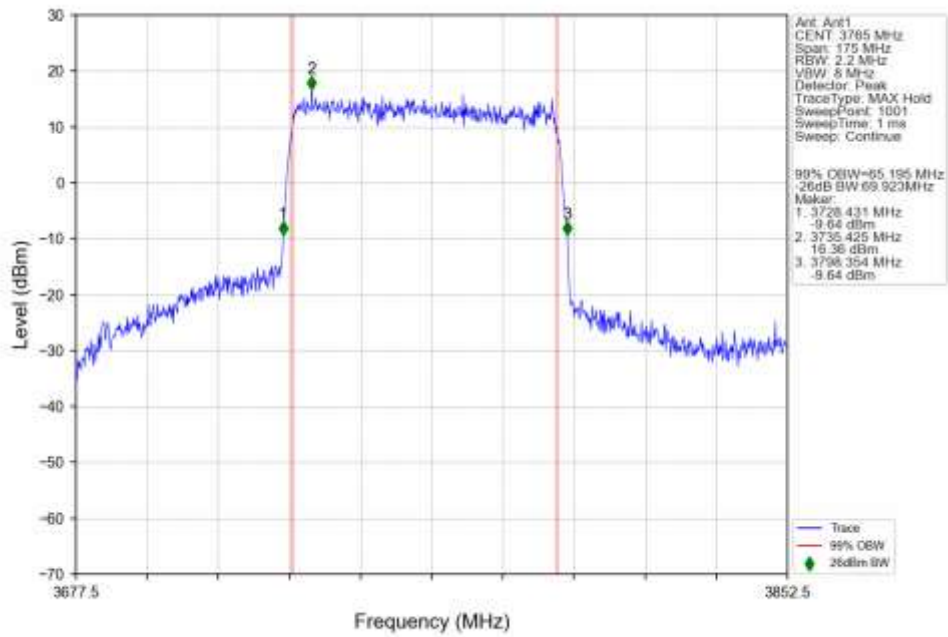
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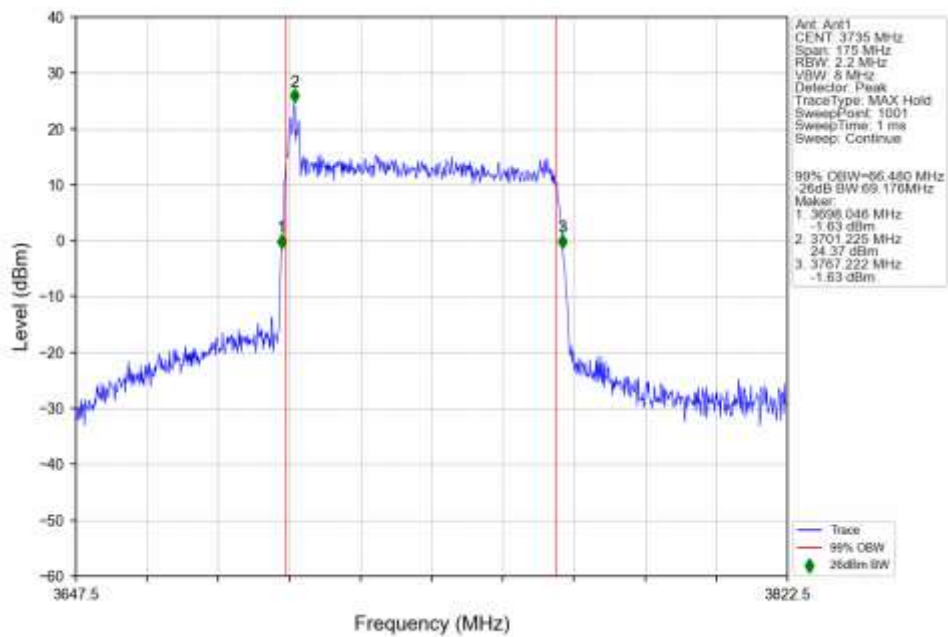
4.2.16 30k_SISO_70MHz_NTNV



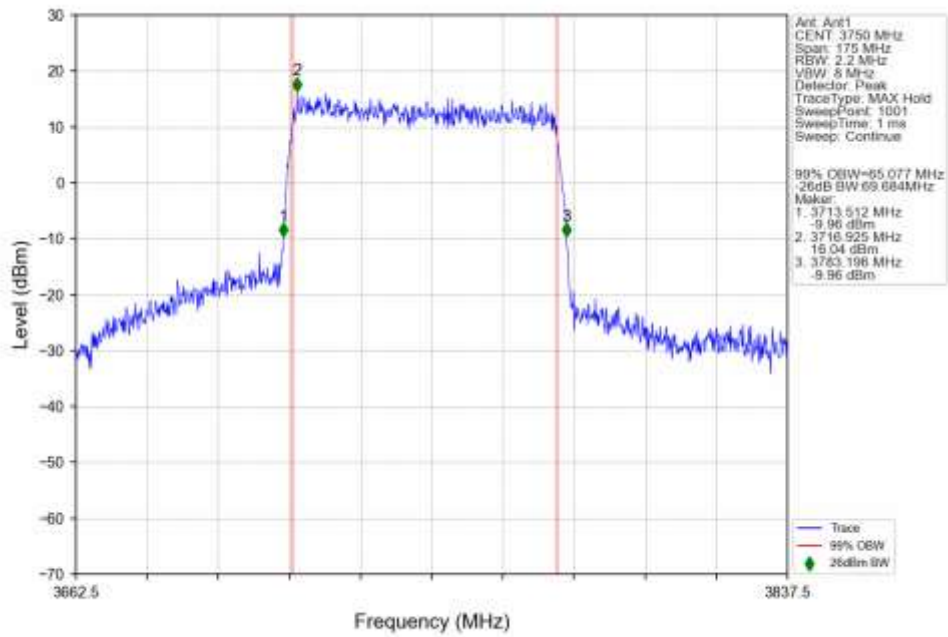
n78a 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3765MHz Outer Full Ant1



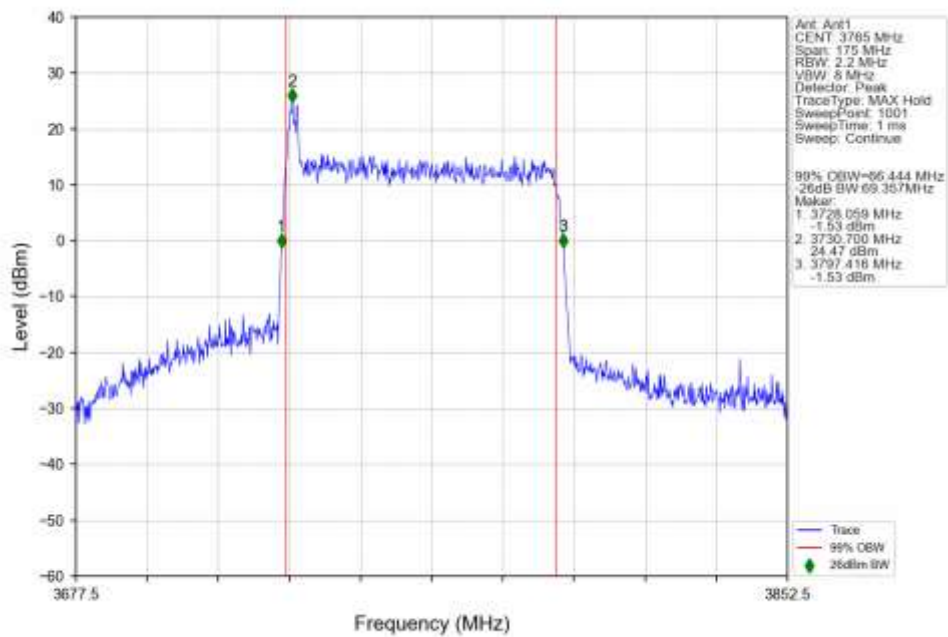
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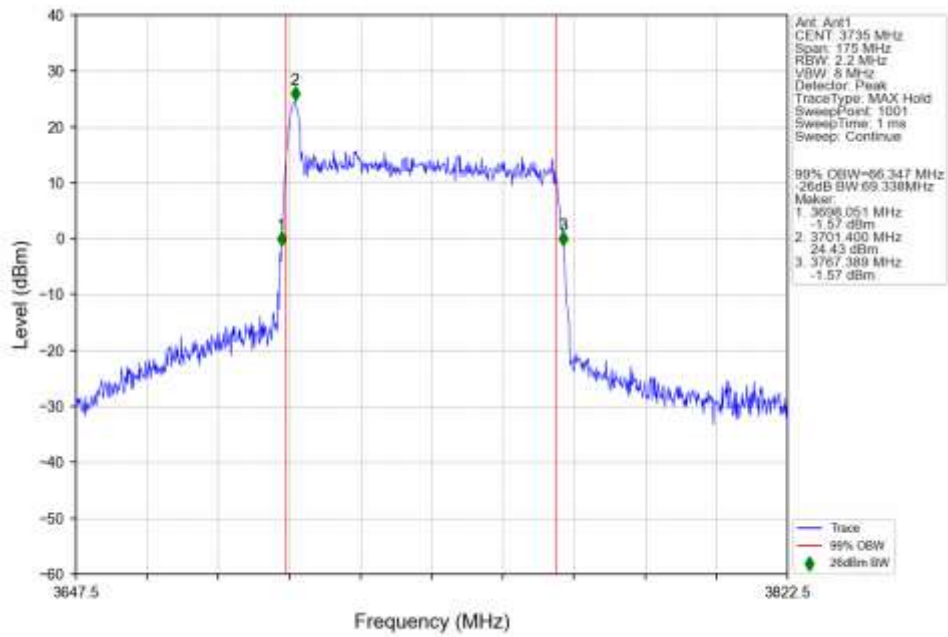
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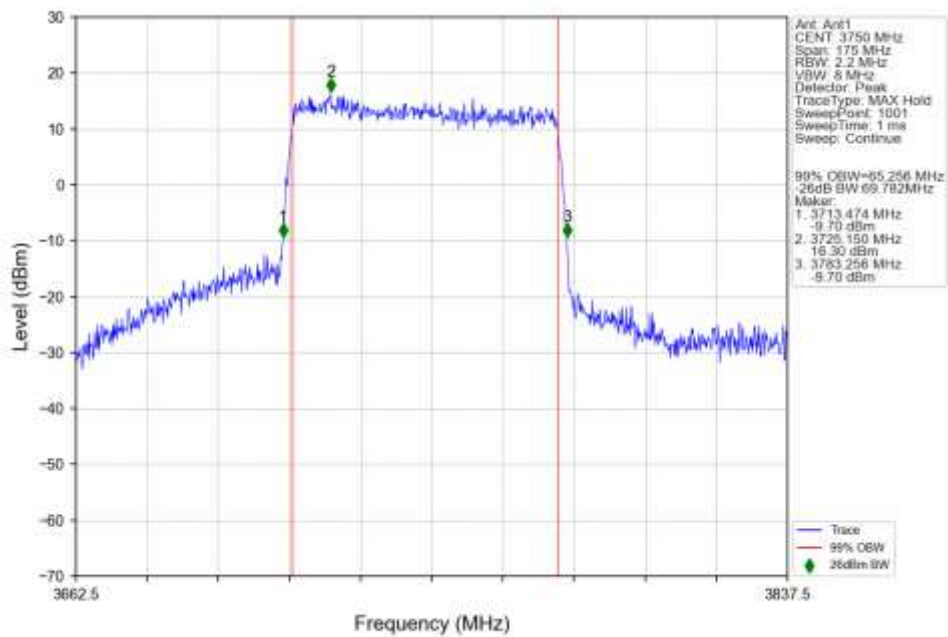
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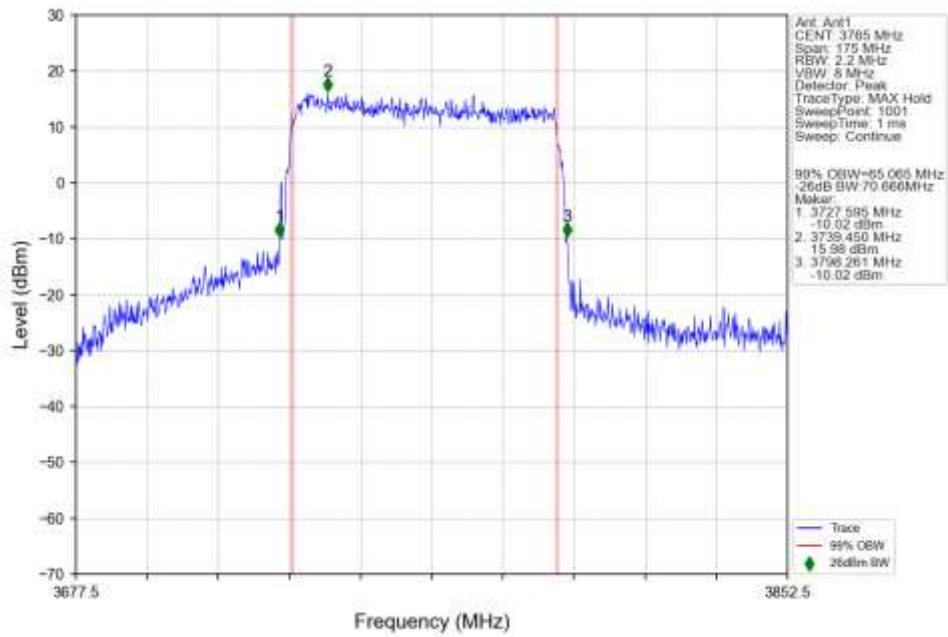
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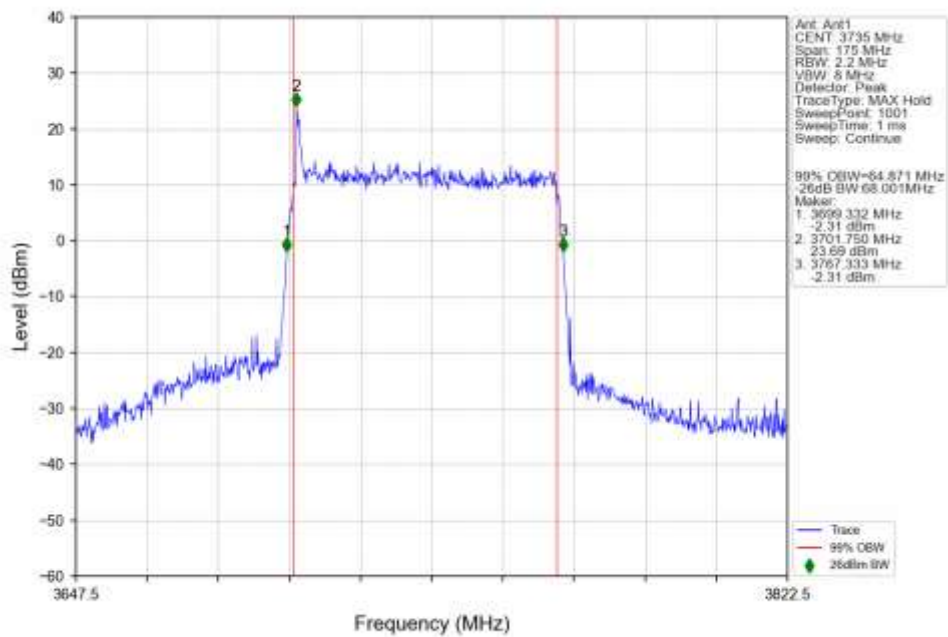
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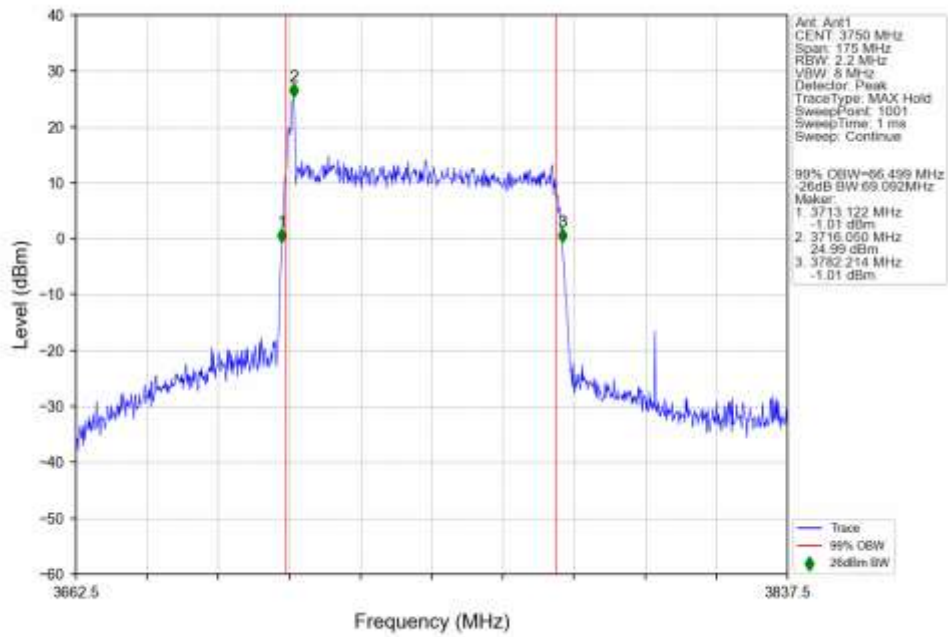
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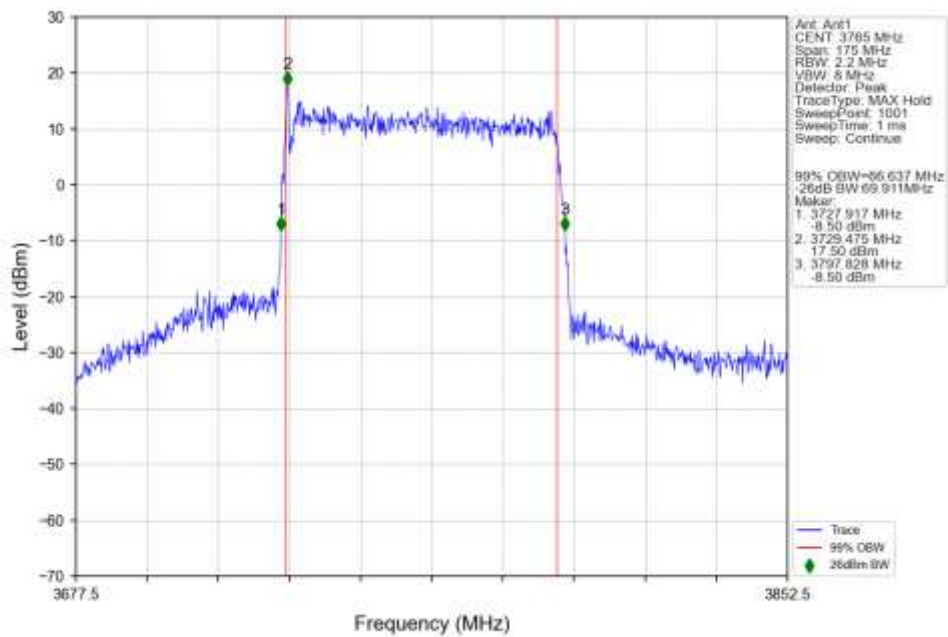
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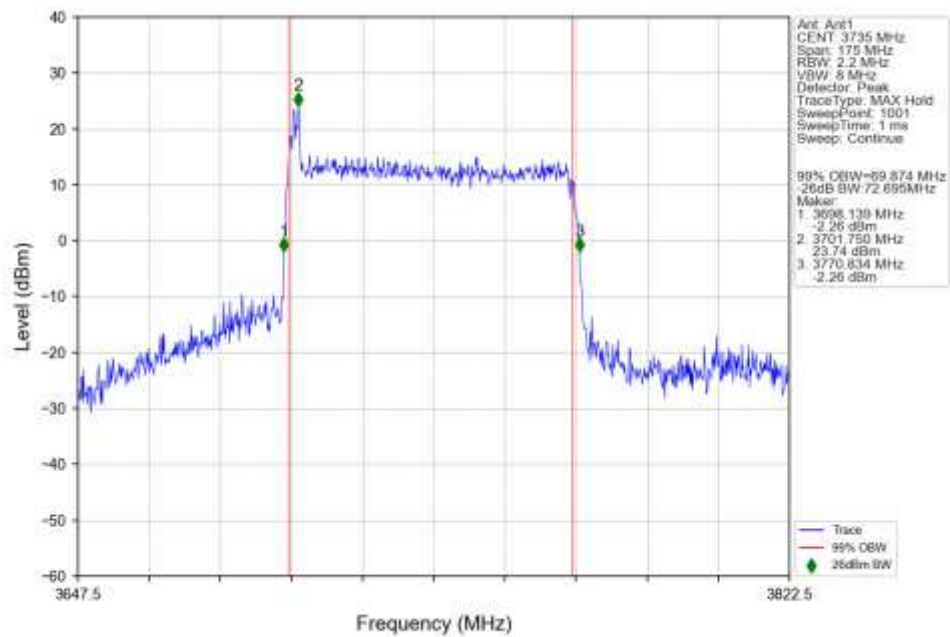
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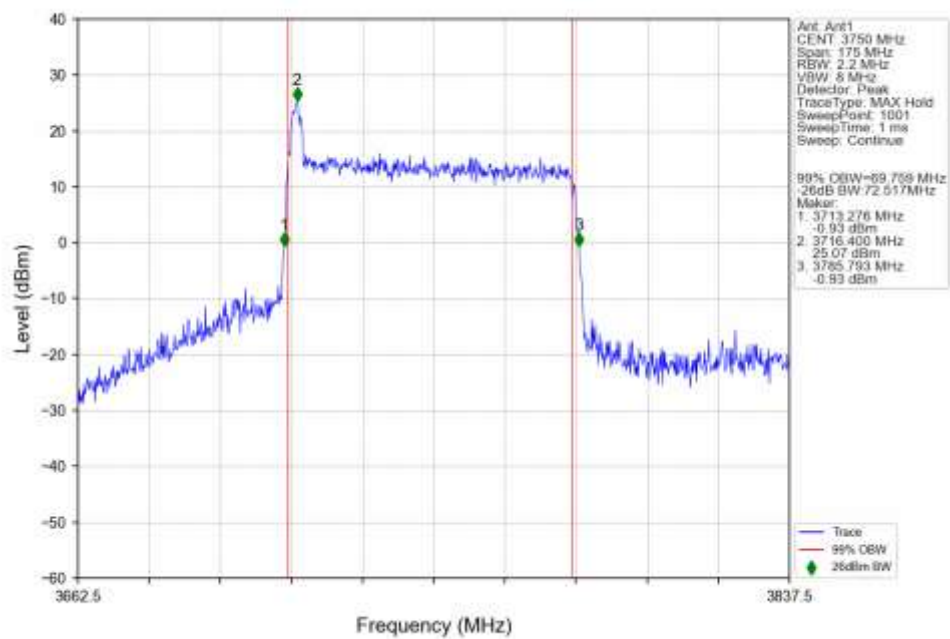
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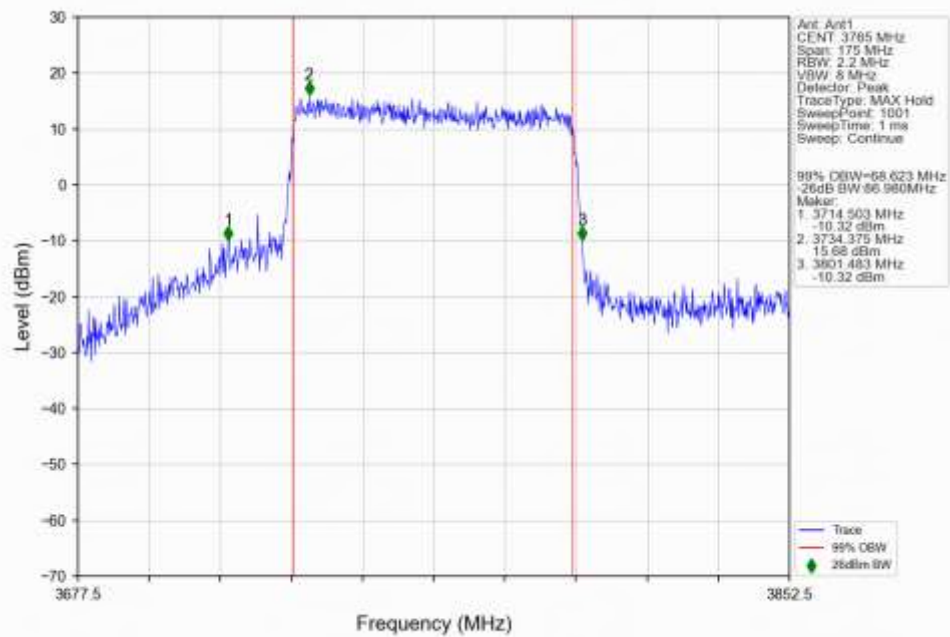
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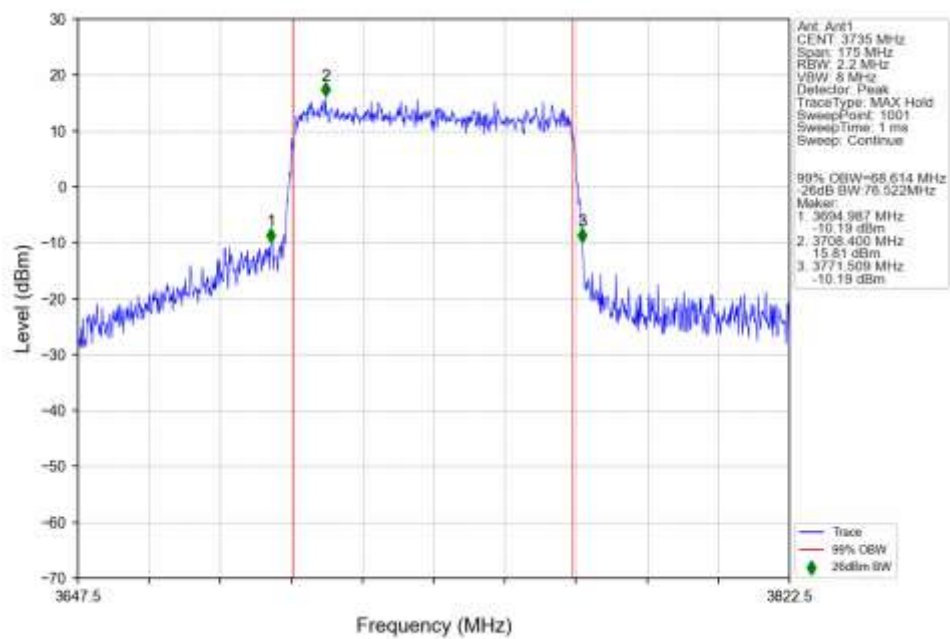
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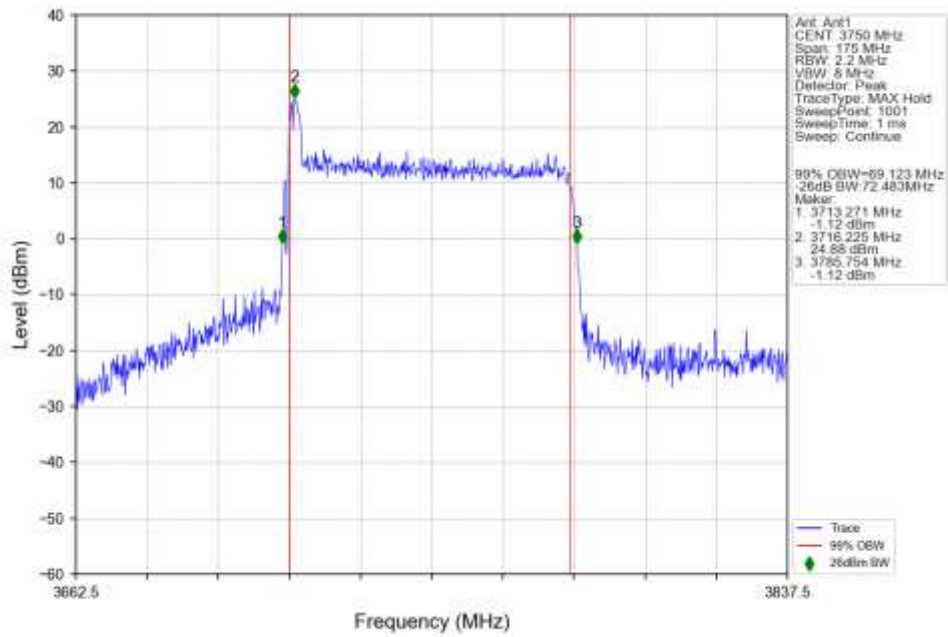
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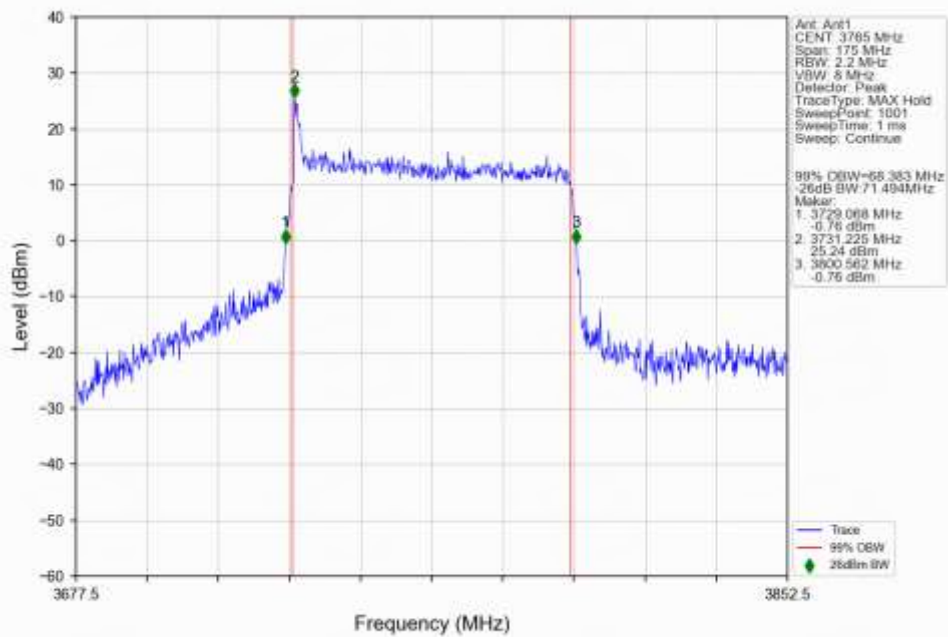
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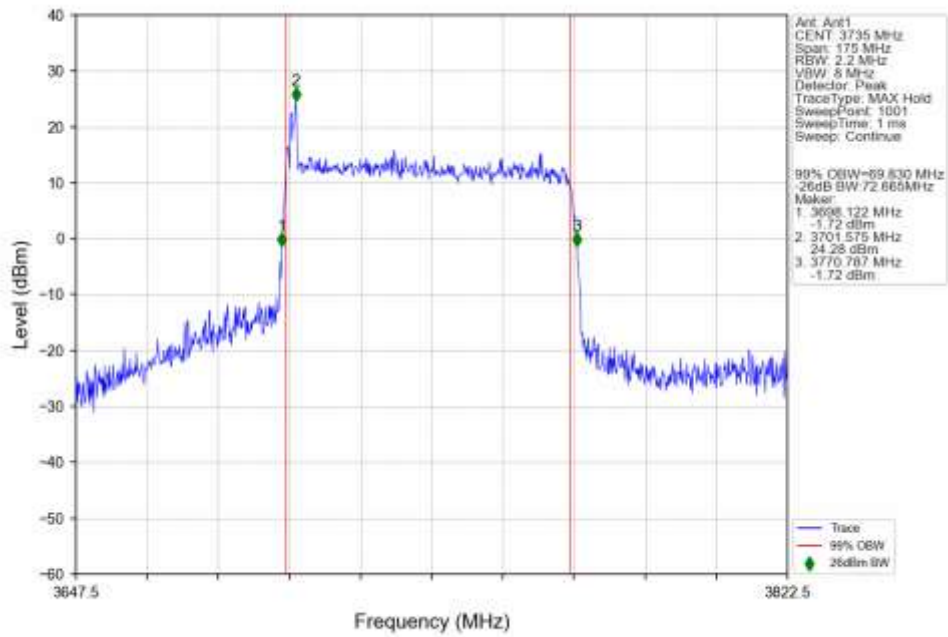
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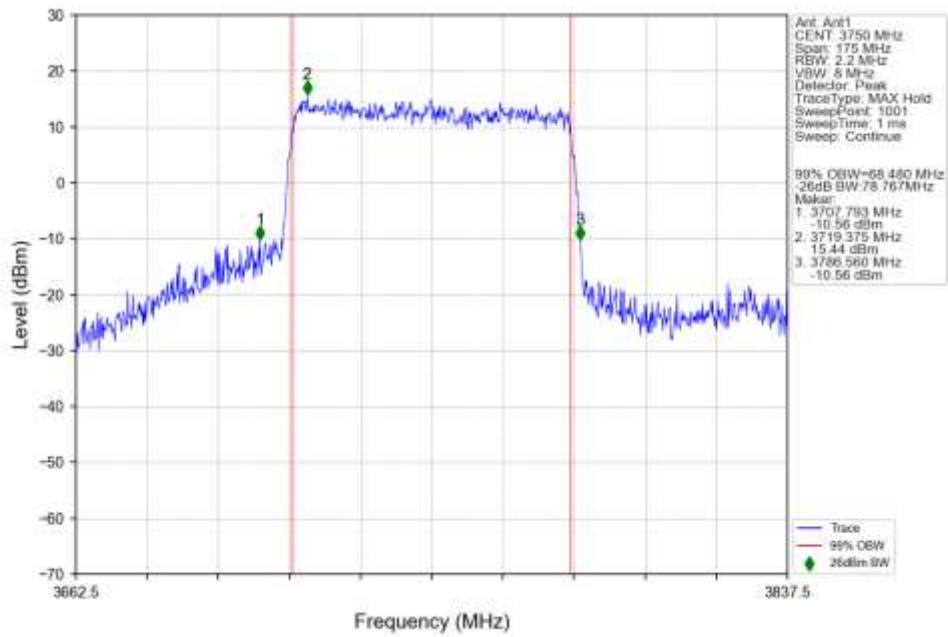
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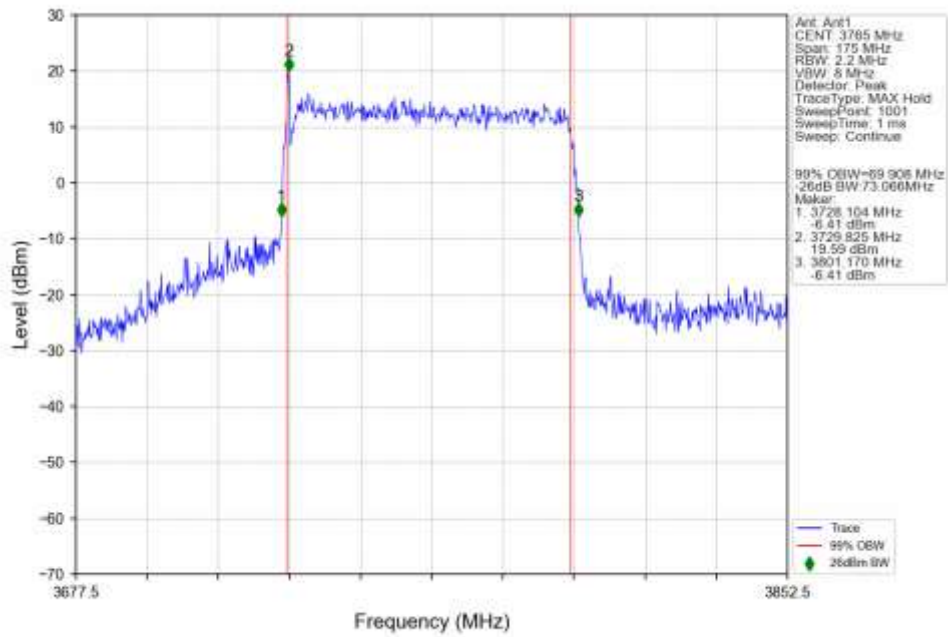
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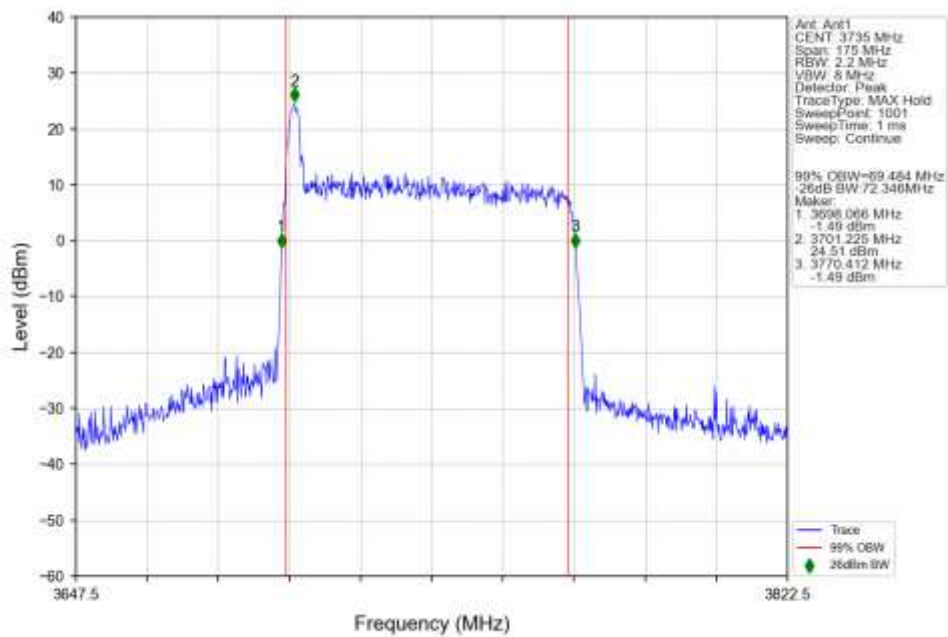
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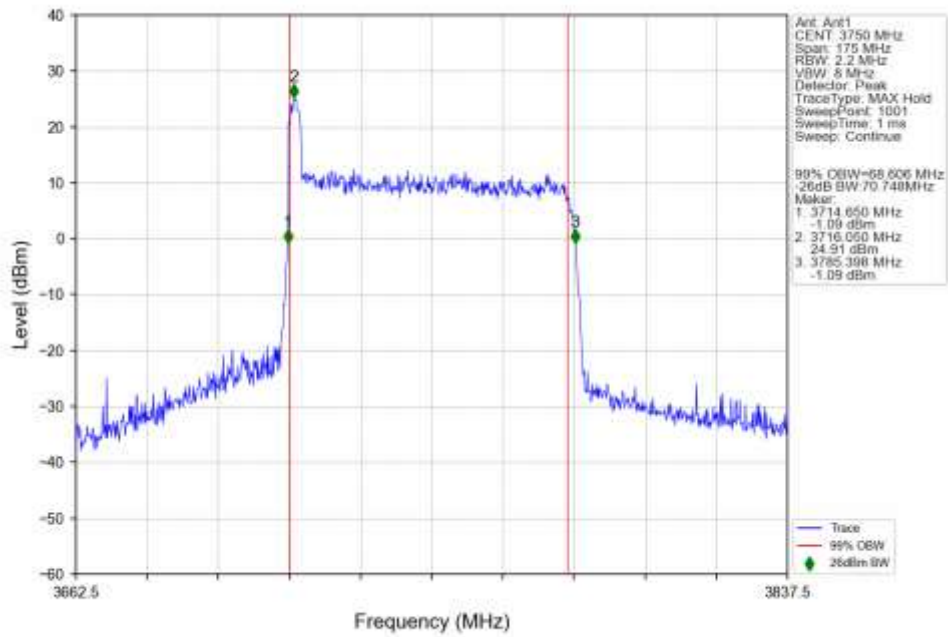
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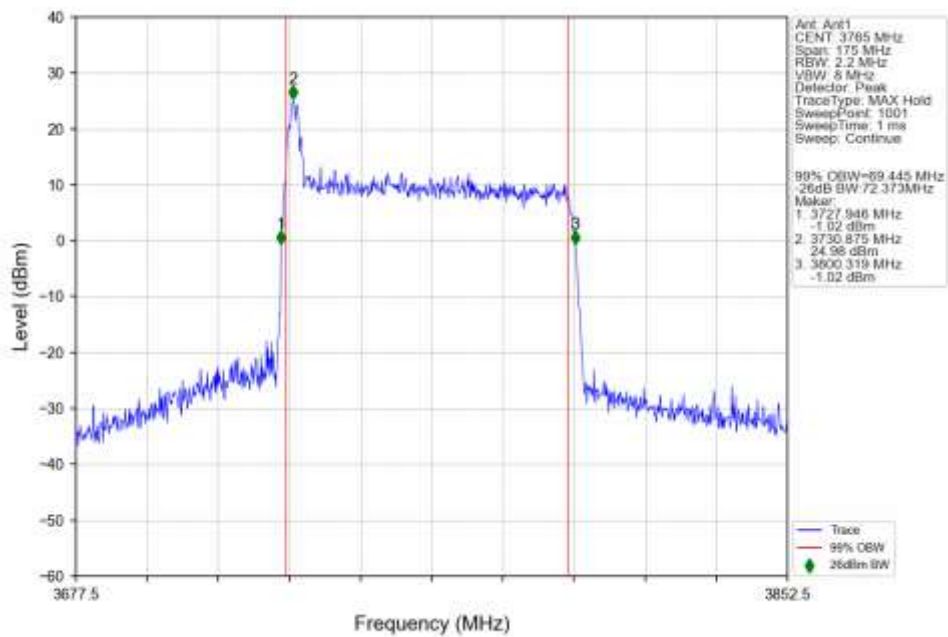
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n78a 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

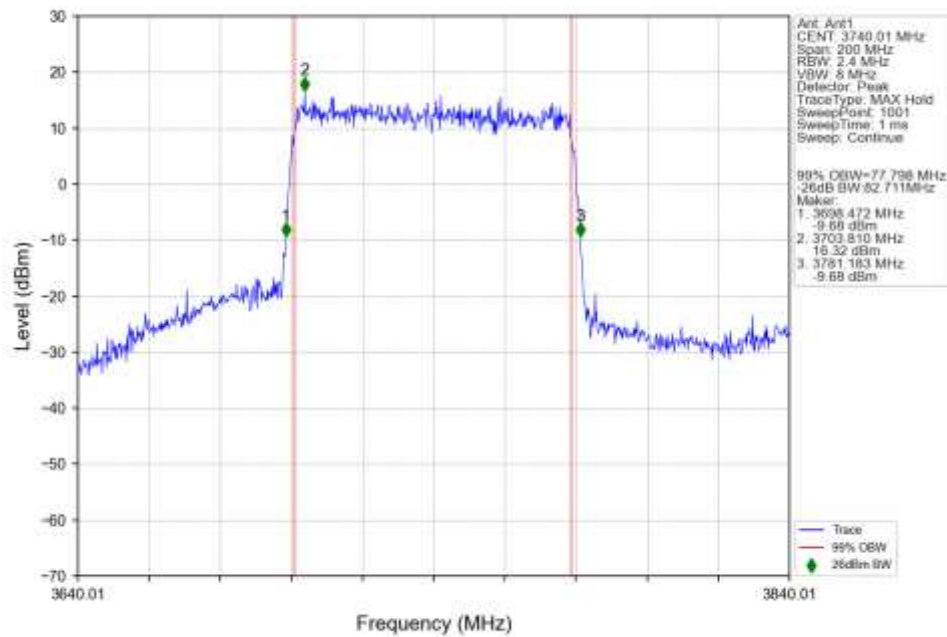


n78a 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3765MHz Outer Full Ant1

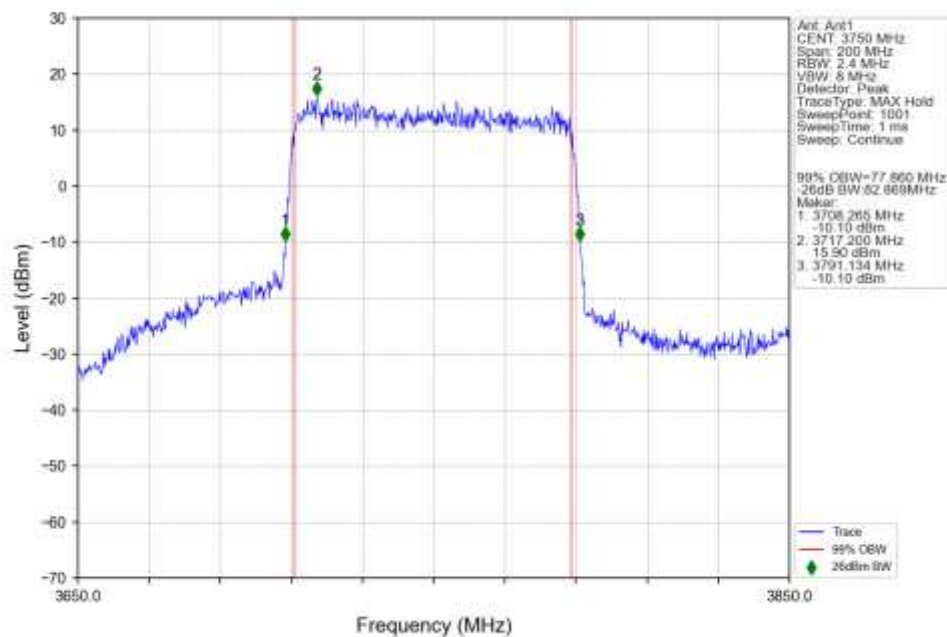


4.2.17 30k_SISO_80MHz_NTNV

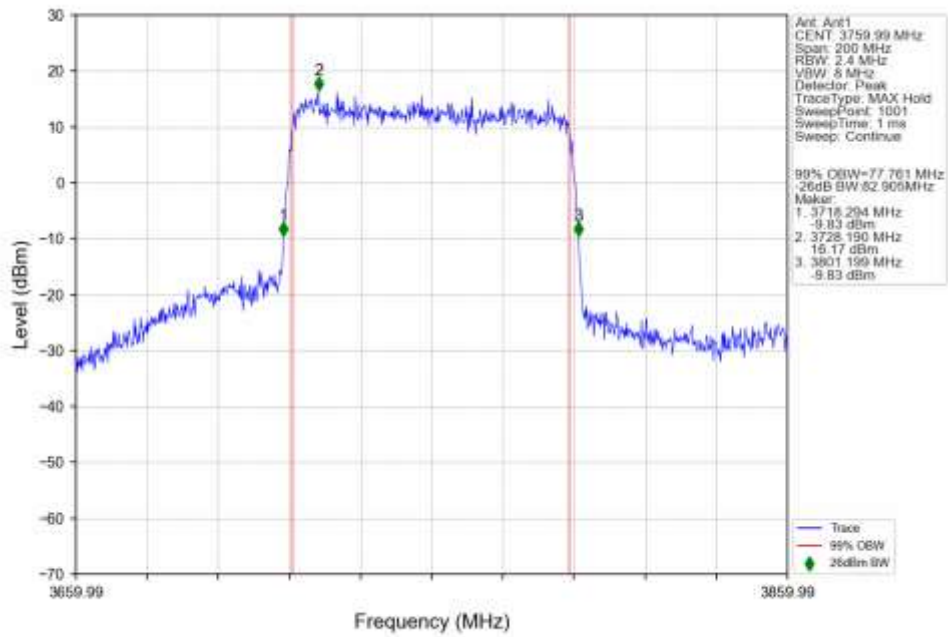
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3740.01MHz_Outer_Full_Ant1



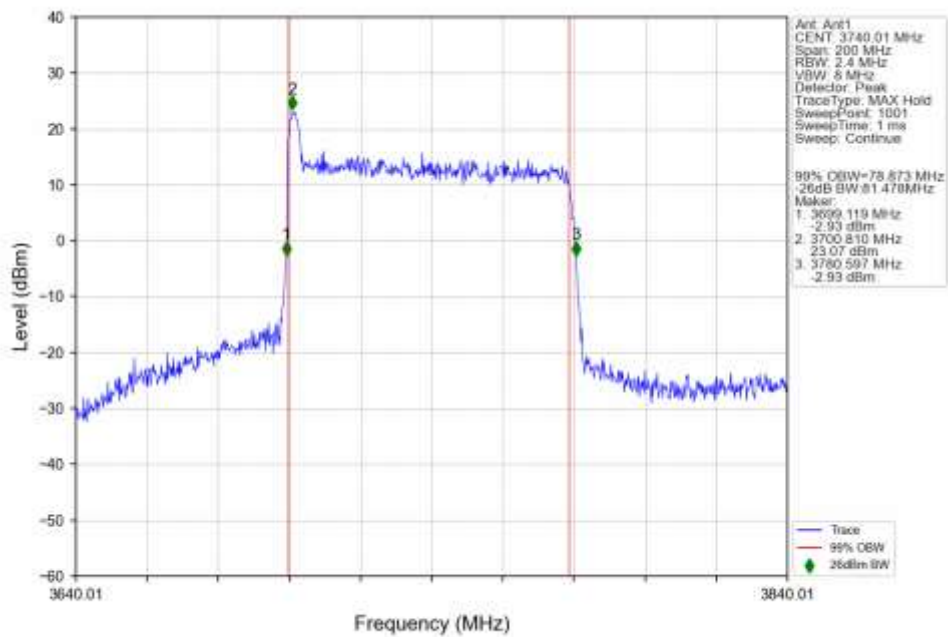
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant1



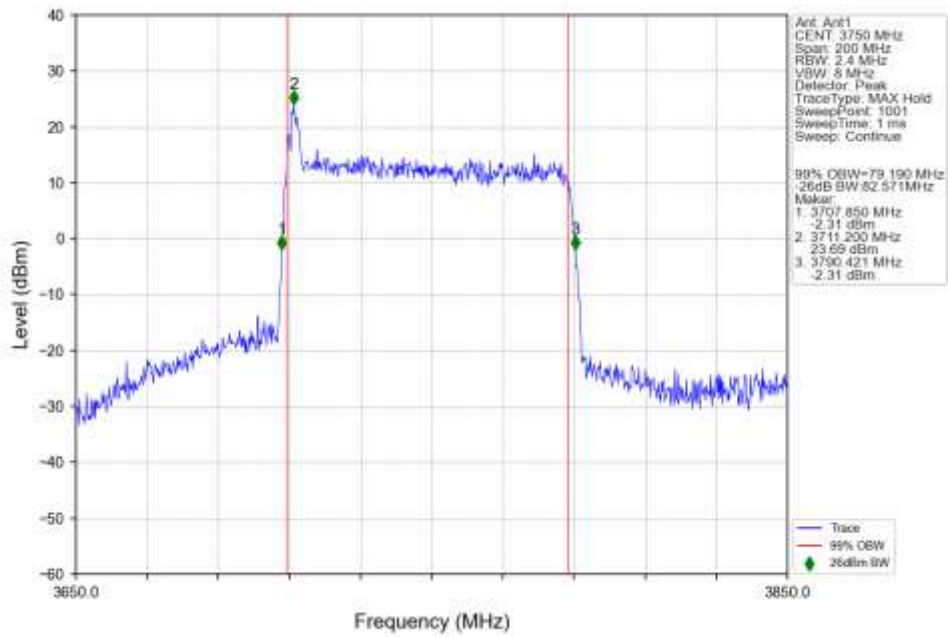
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3759.99MHz Outer Full Ant1



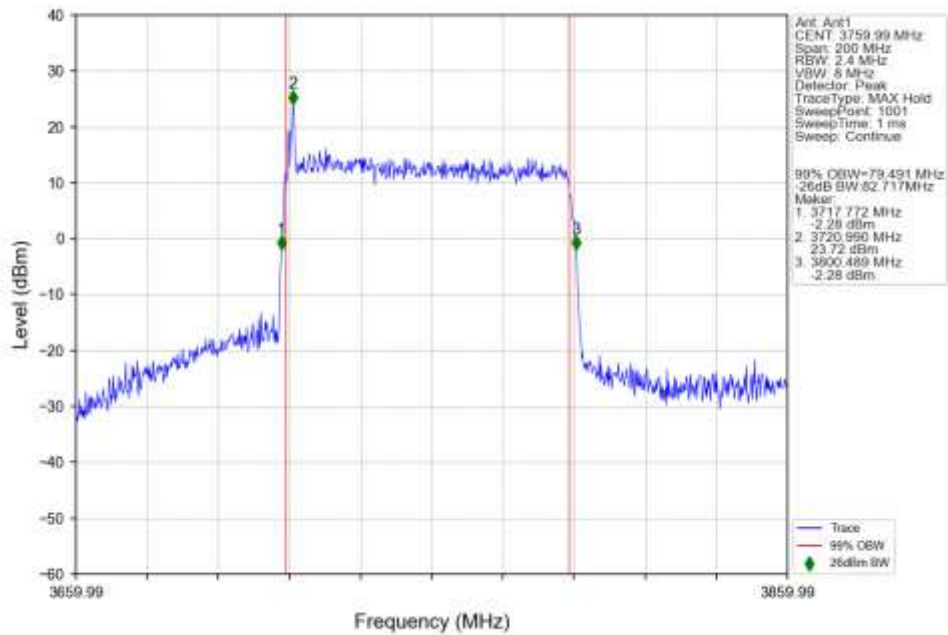
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3740.01MHz Outer Full Ant1



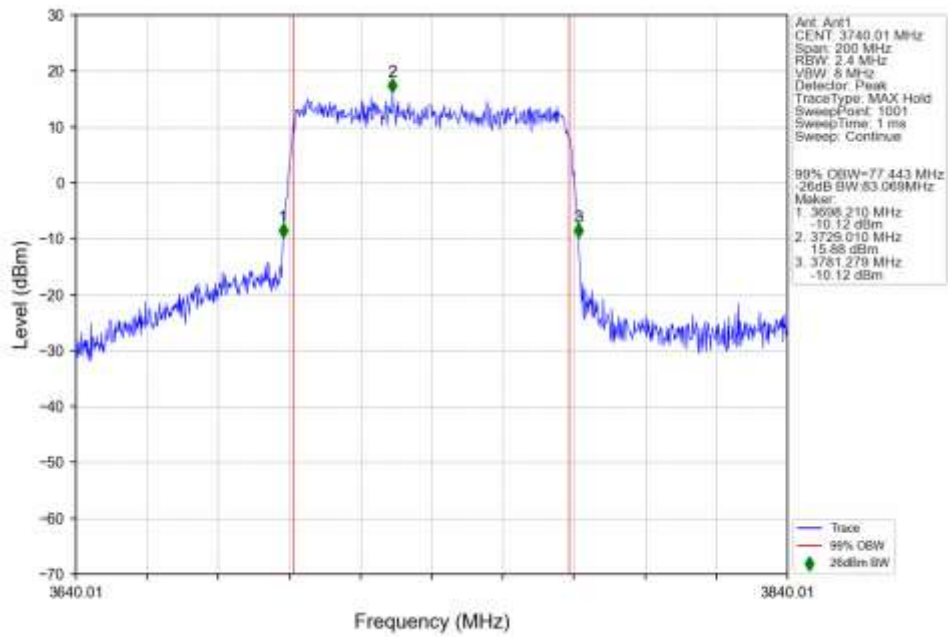
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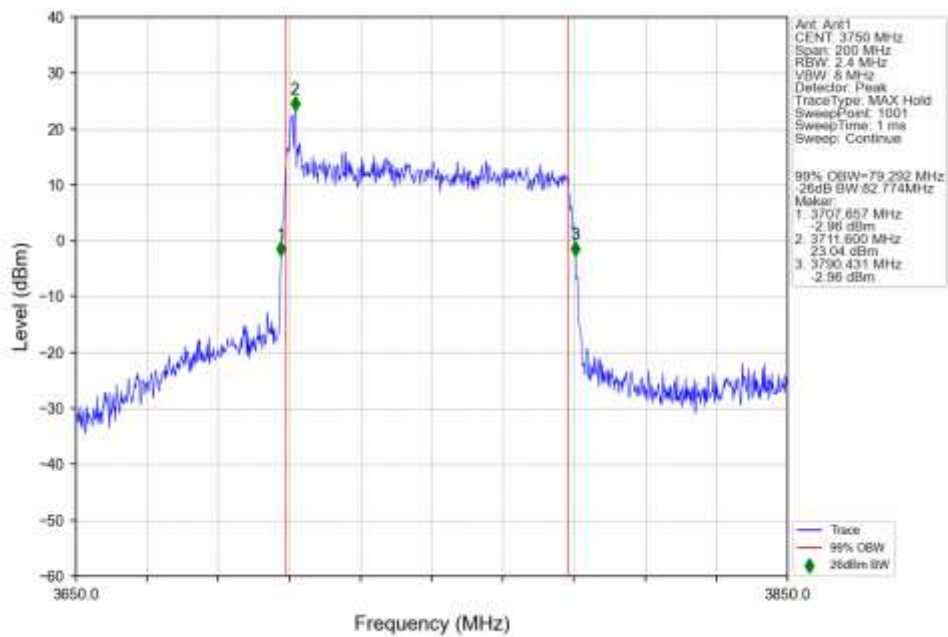
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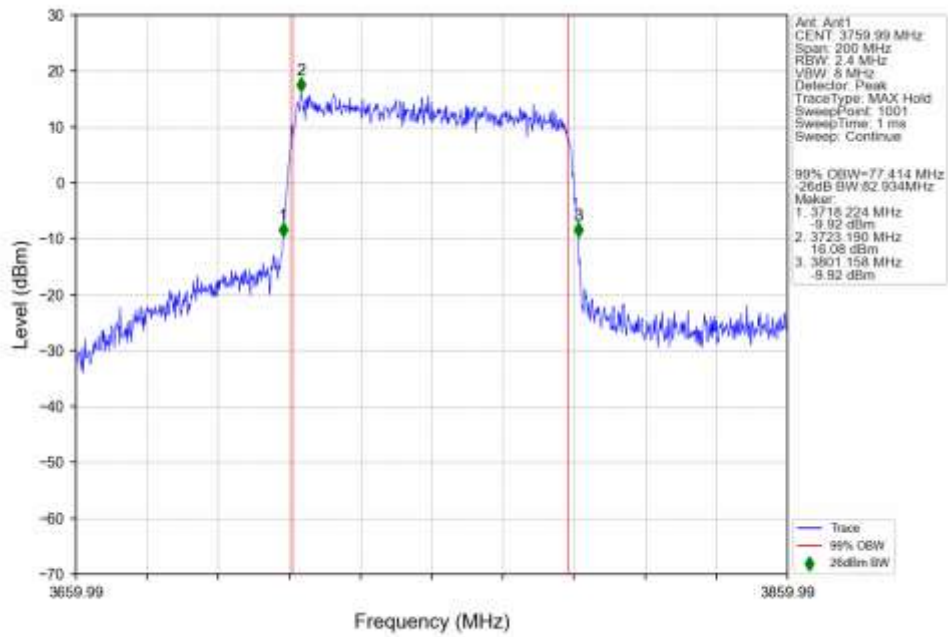
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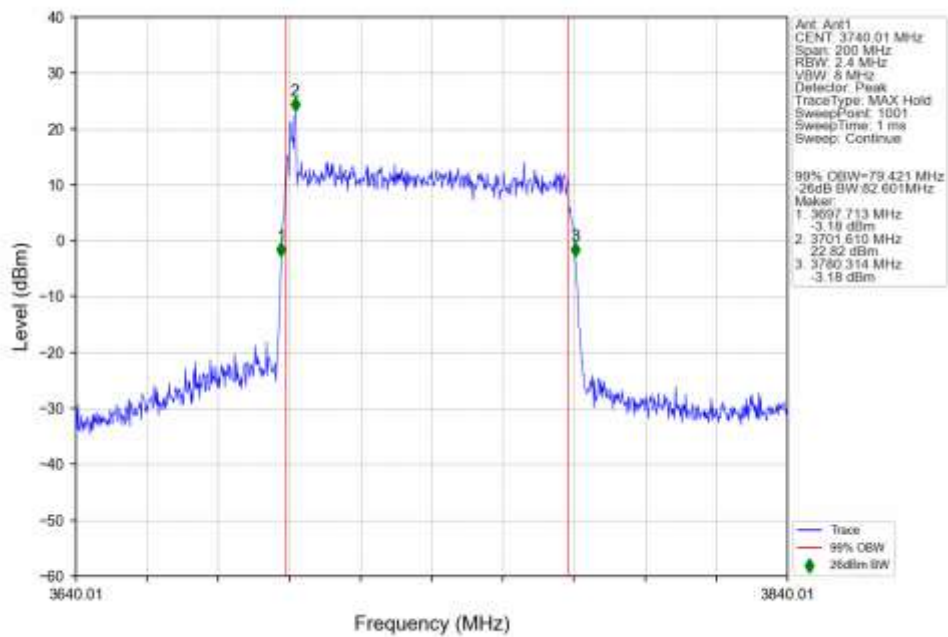
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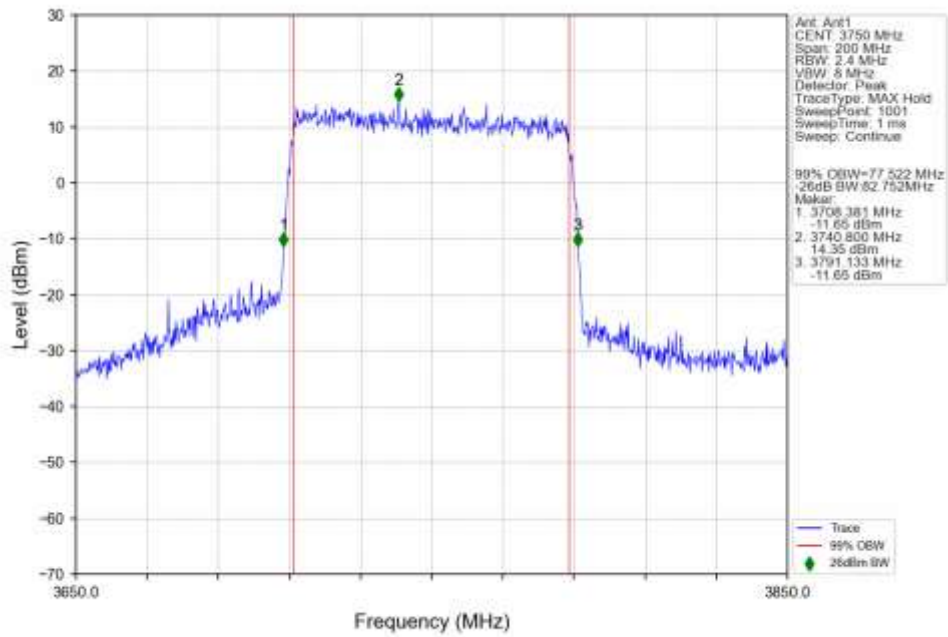
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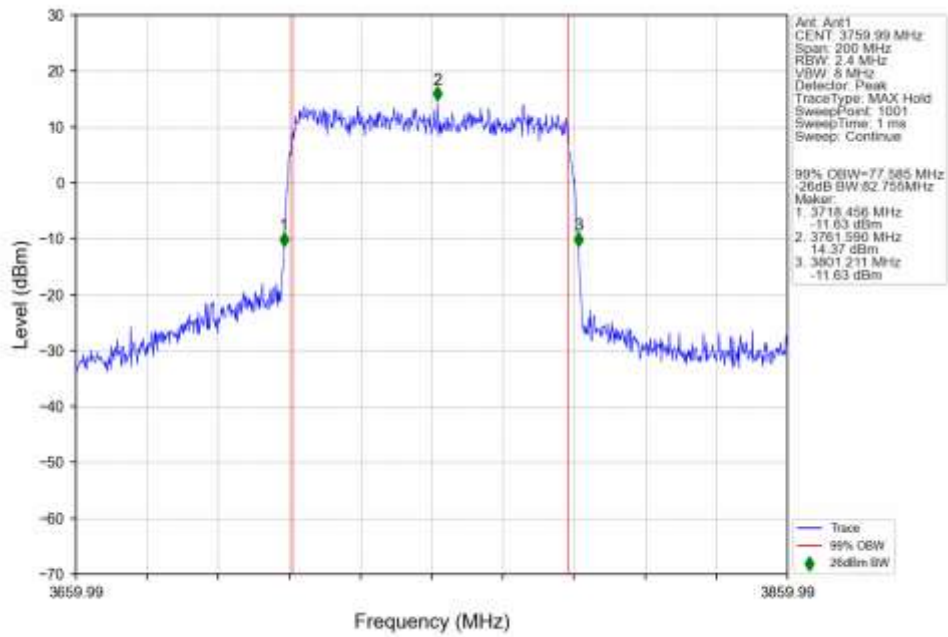
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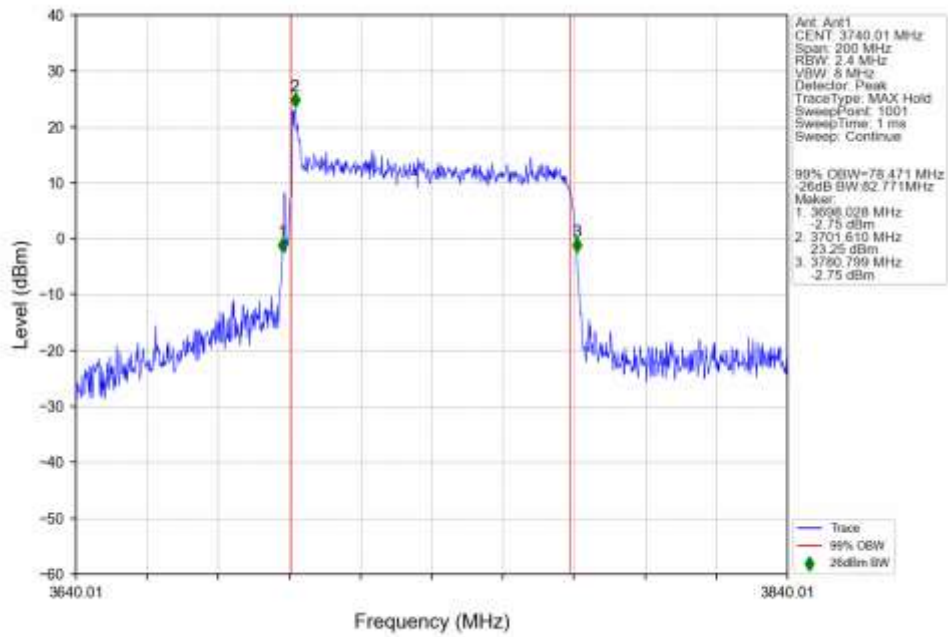
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



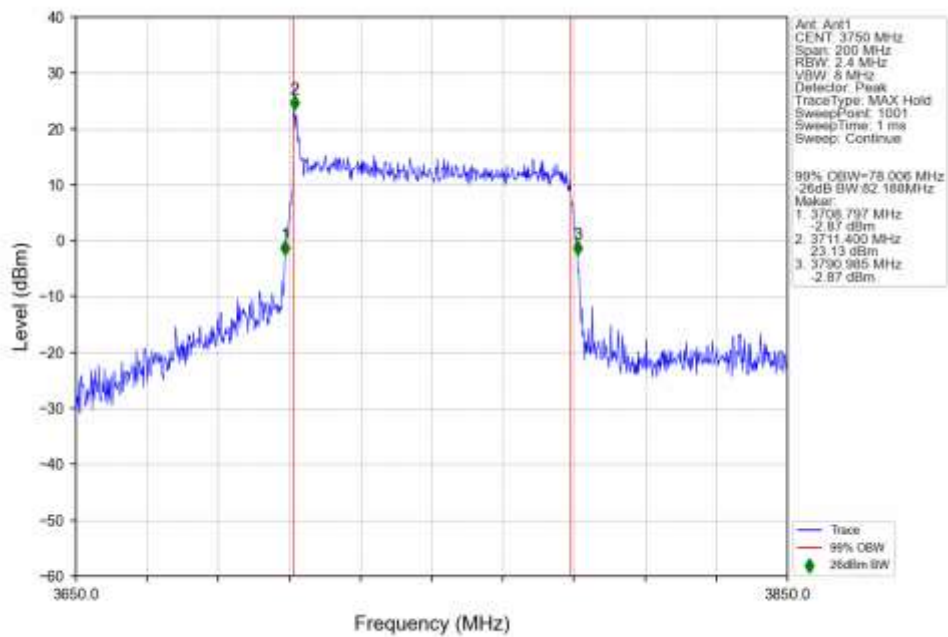
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3759.99MHz Outer Full Ant1



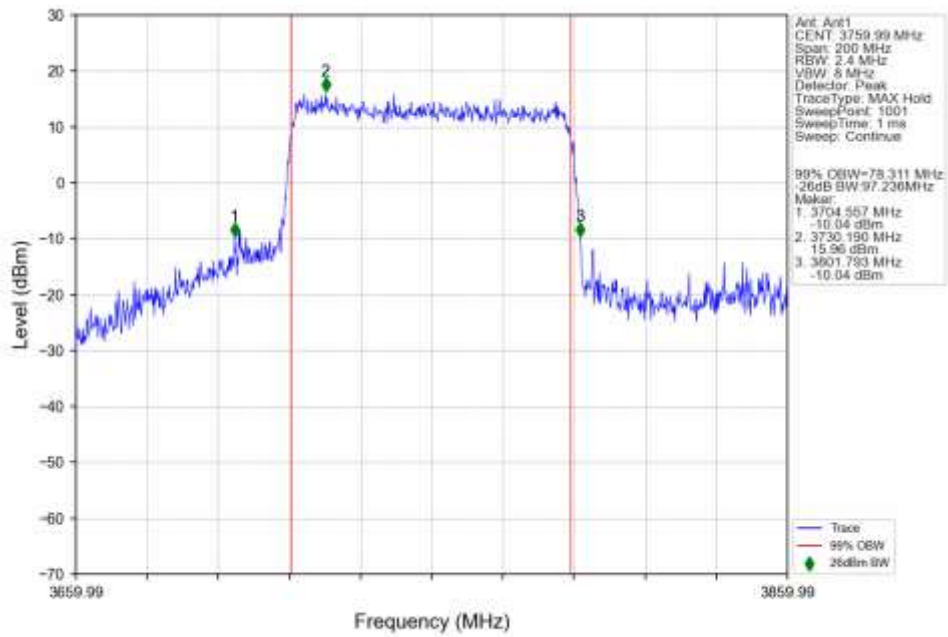
n78a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3740.01MHz Outer Full Ant1



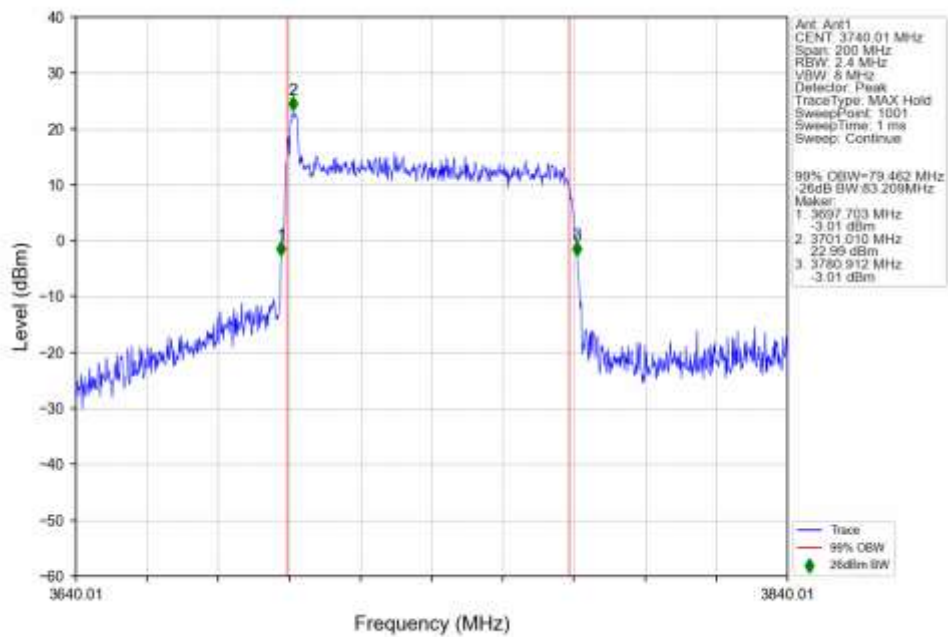
n78a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



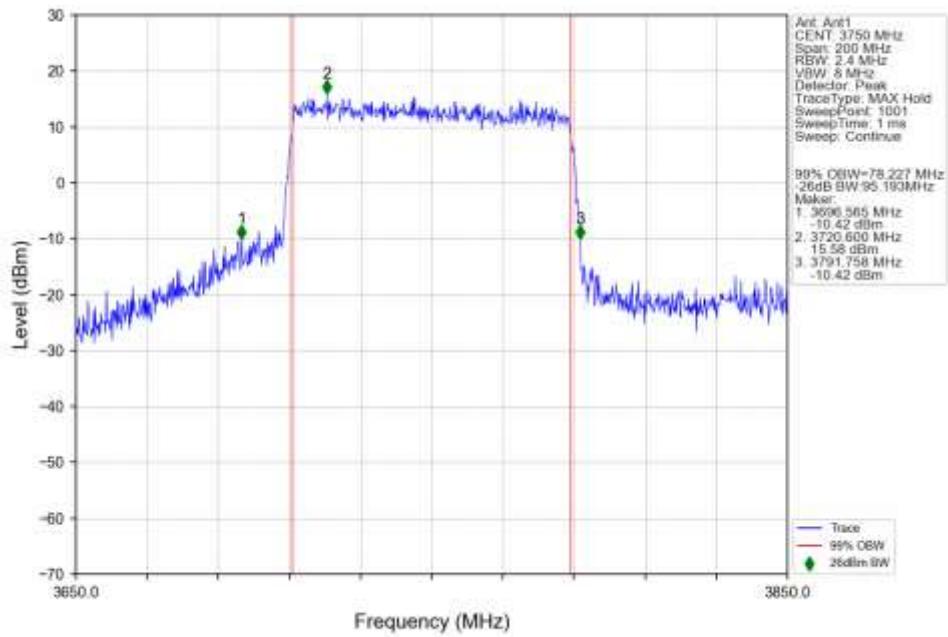
n78a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3759.99MHz Outer Full Ant1



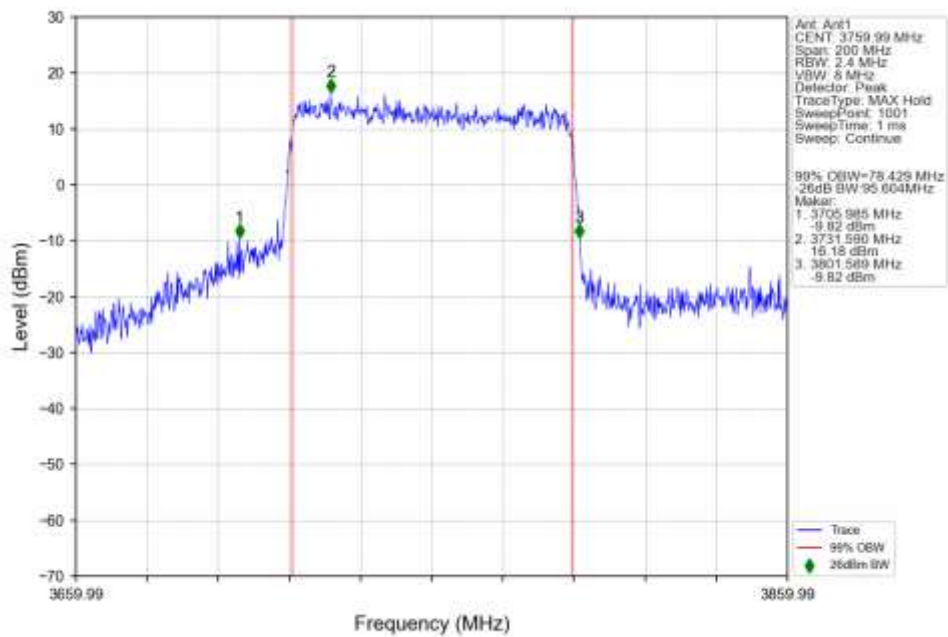
n78a 30kHz SISO NTN 80MHz CP-OFDM 16 QAM 3740.01MHz Outer Full Ant1



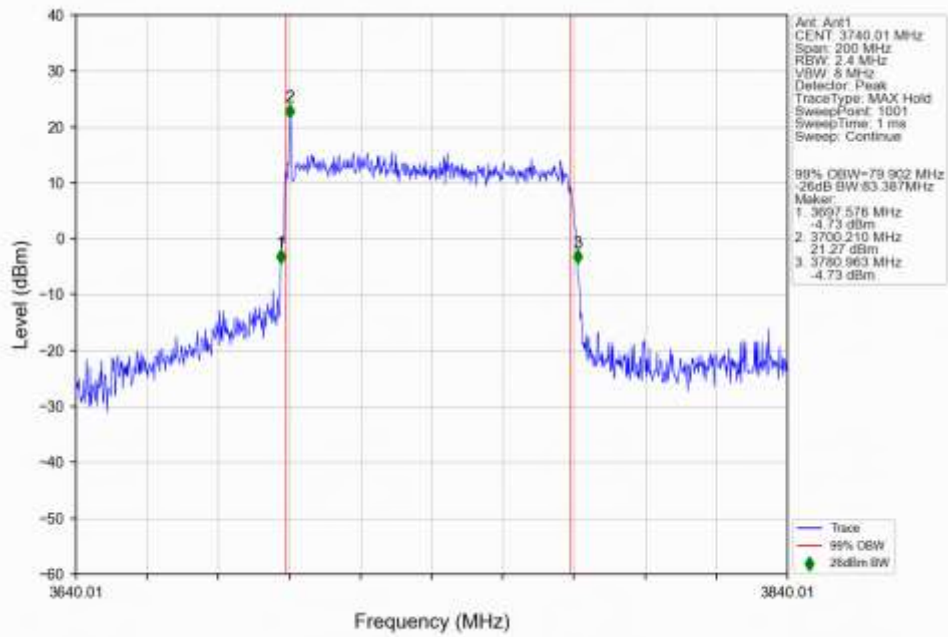
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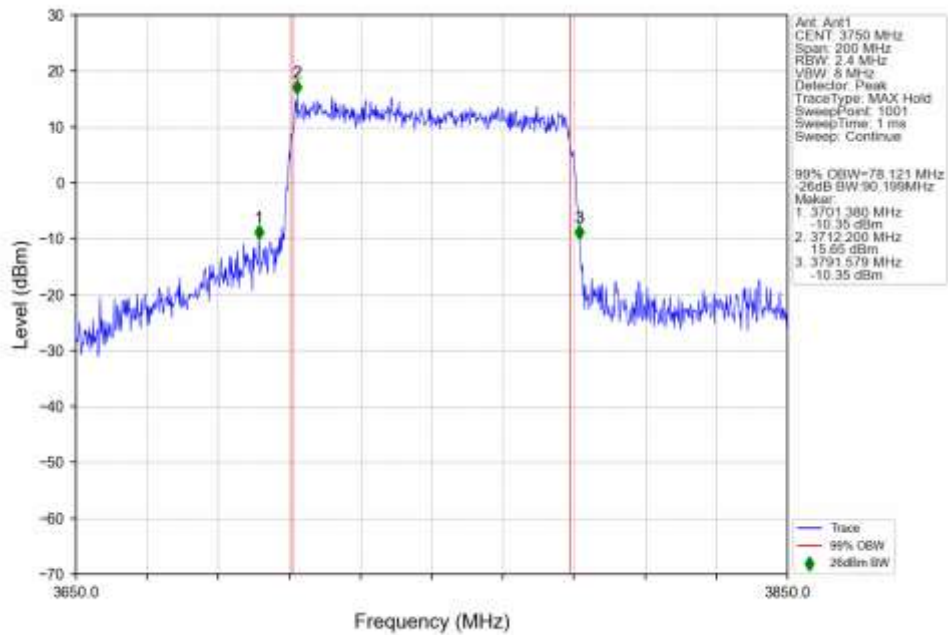
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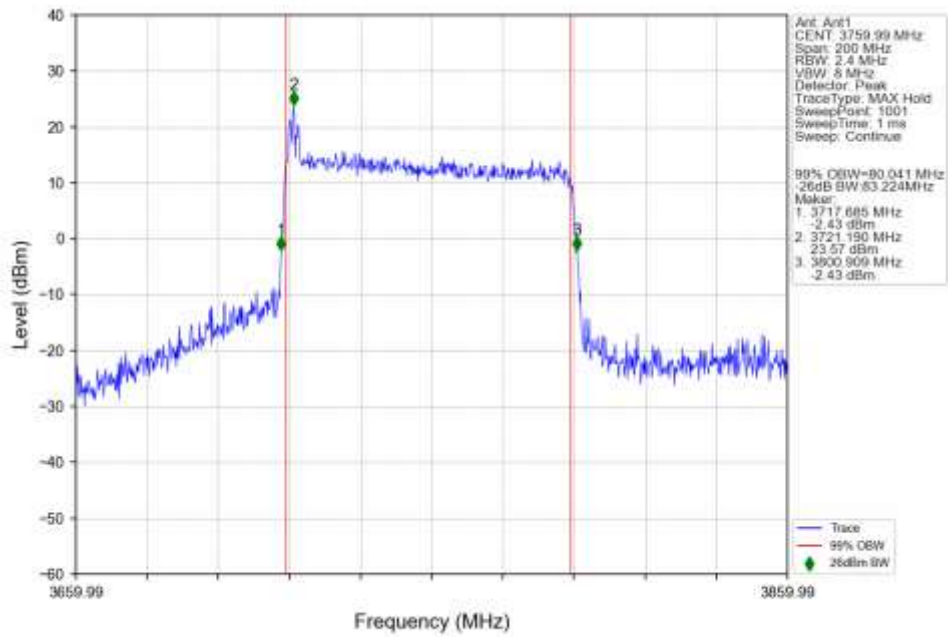
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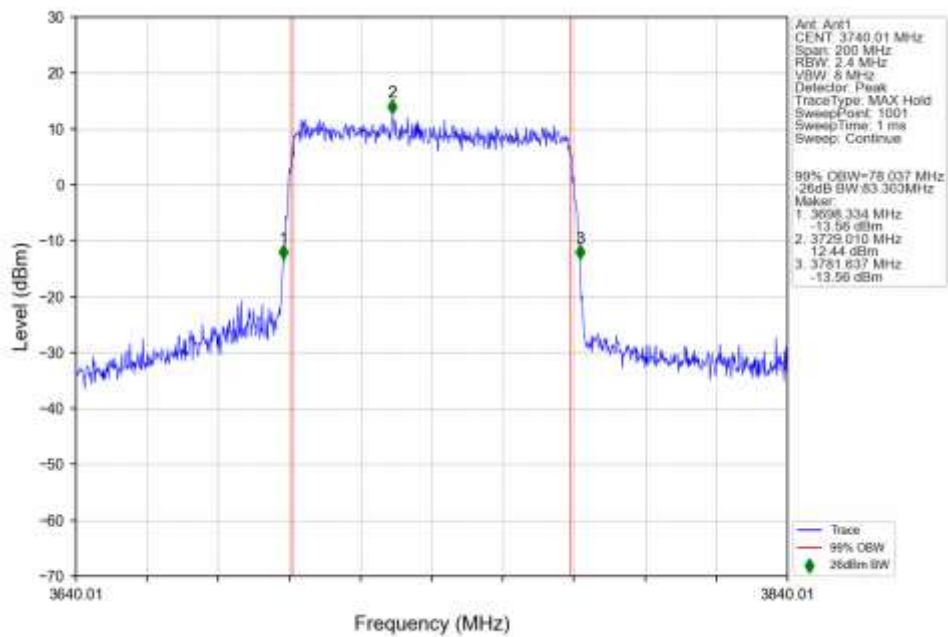
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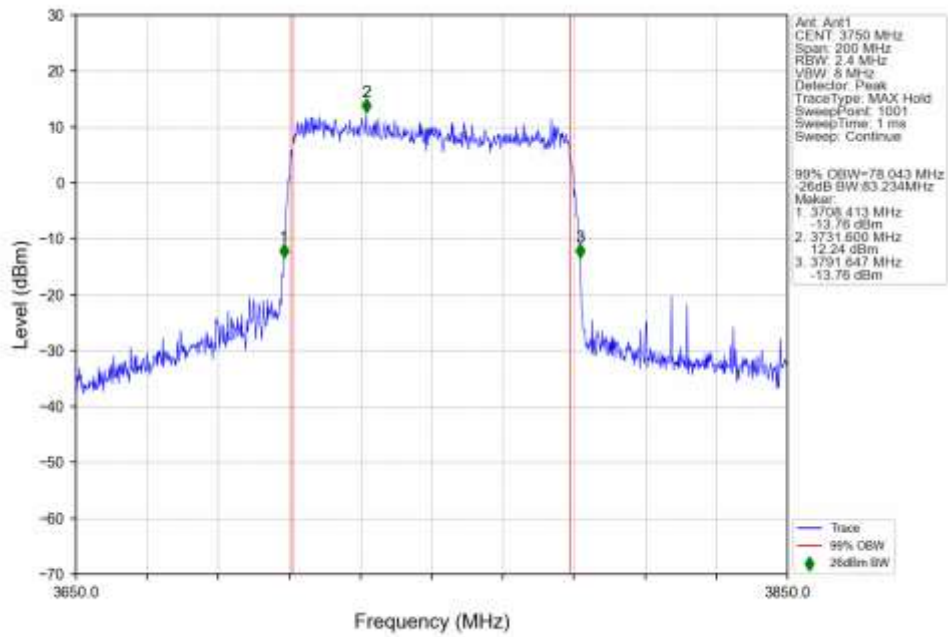
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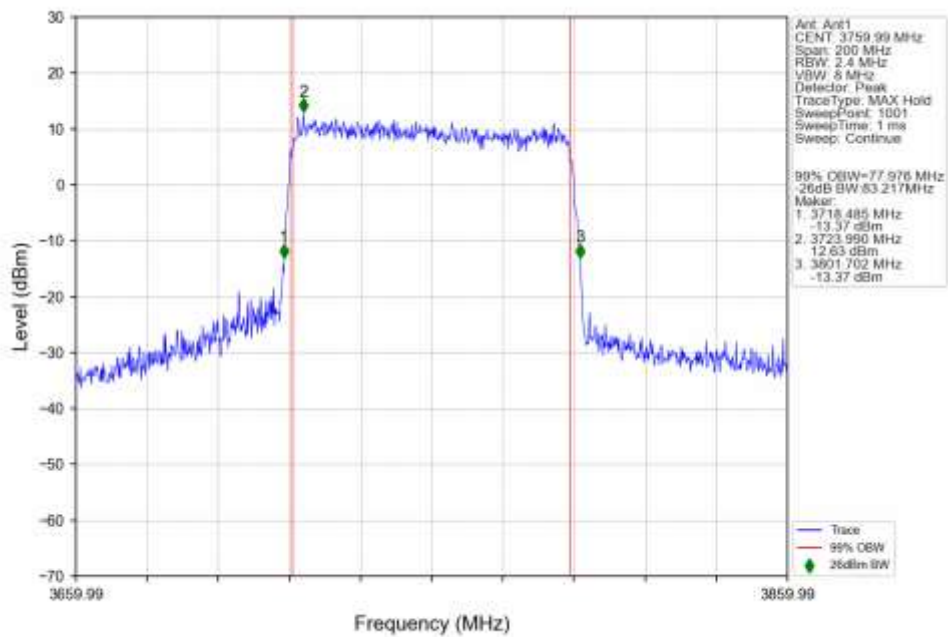
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n78a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

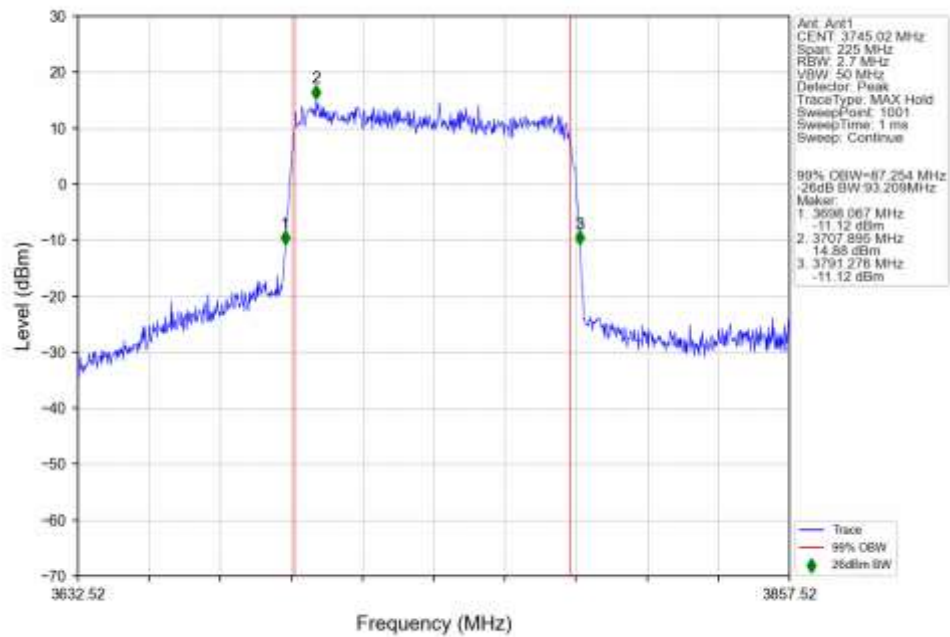


n78a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3759.99MHz Outer Full Ant1

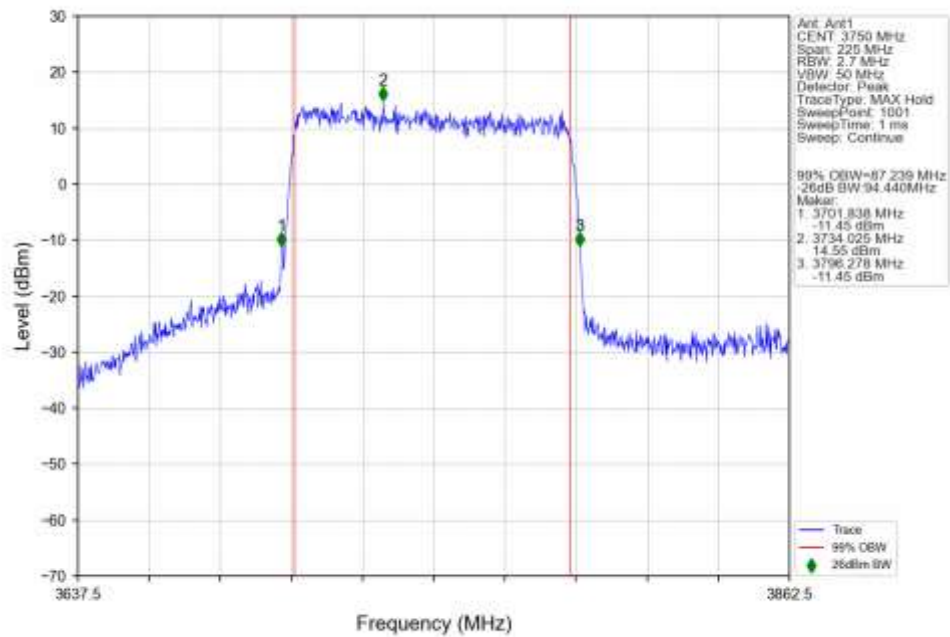


4.2.18 30k_SISO_90MHz_NTNV

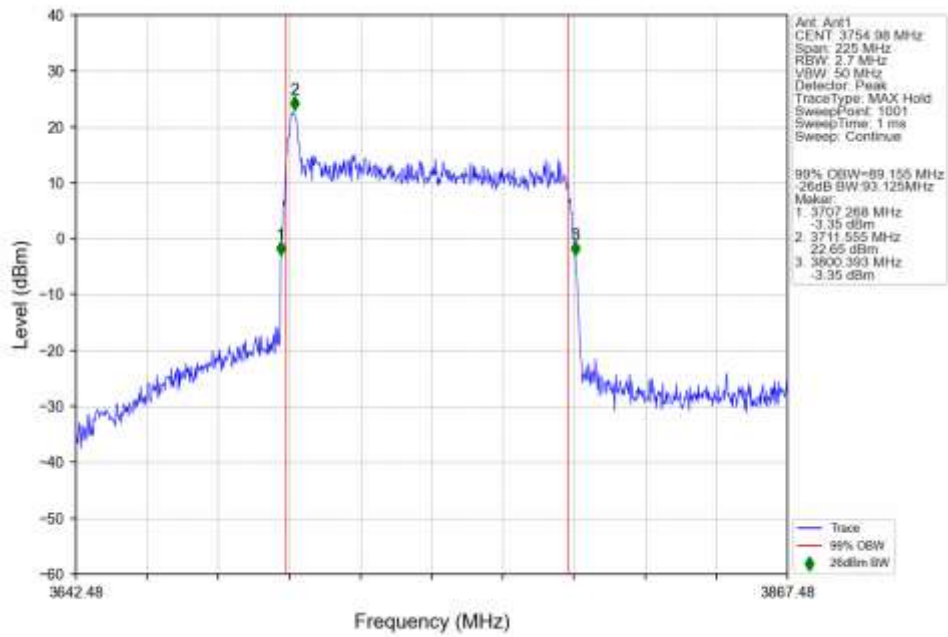
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3745.02MHz_Outer_Full_Ant1



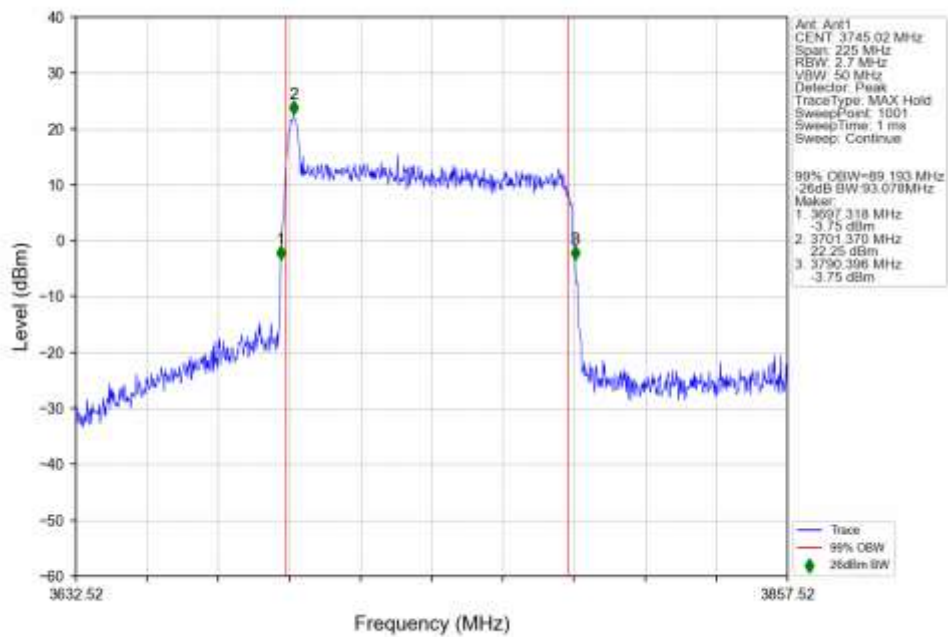
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant1



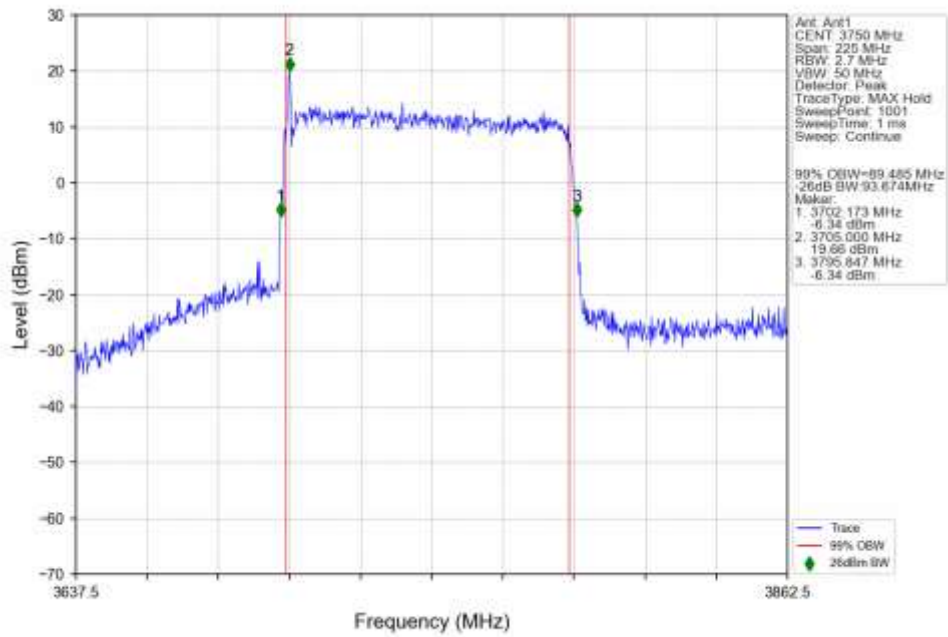
n78a 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3754.98MHz Outer Full Ant1



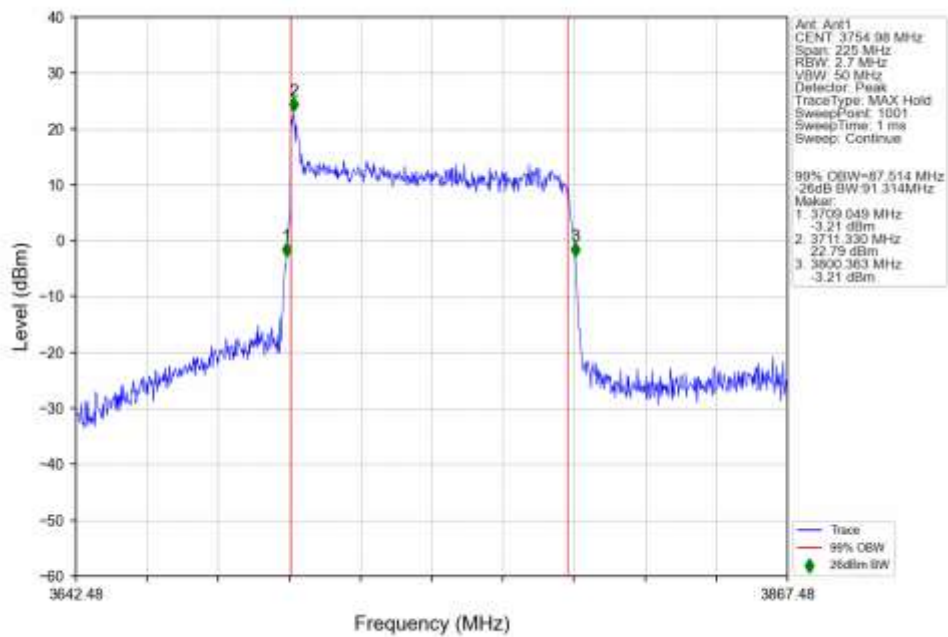
n78a 30kHz SISO NTN 90MHz DFT-s-OFDM 16 QAM 3745.02MHz Outer Full Ant1



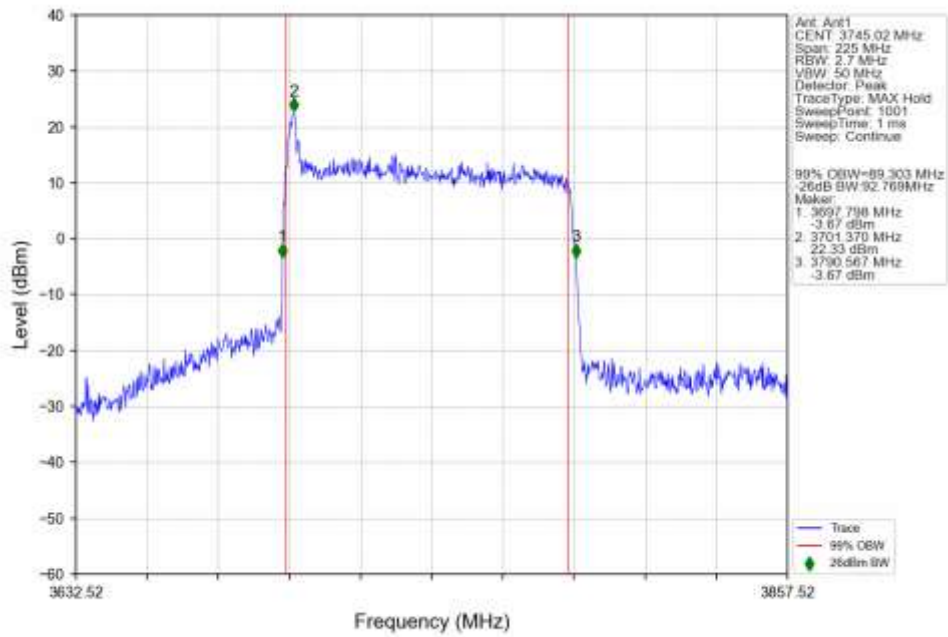
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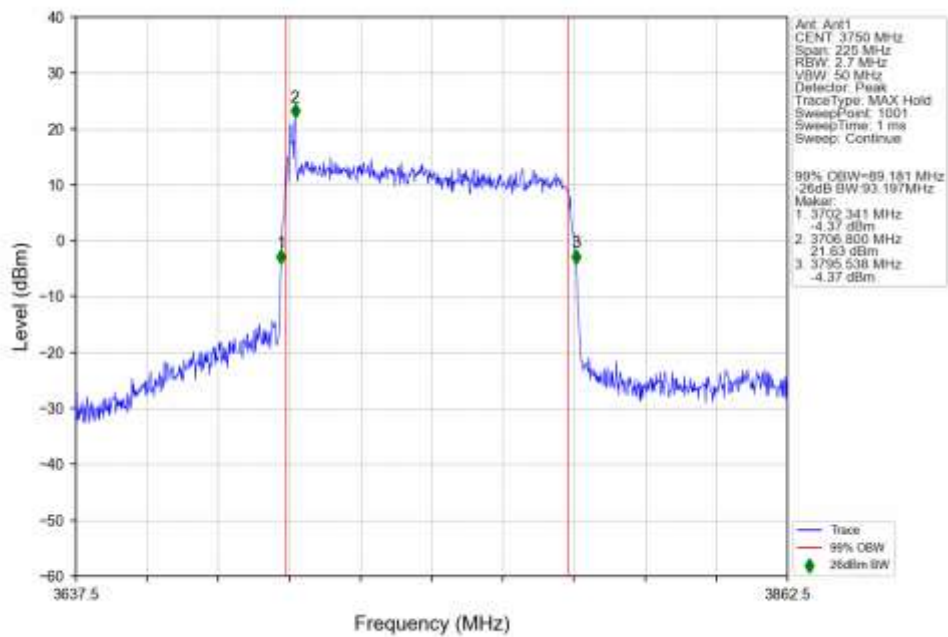
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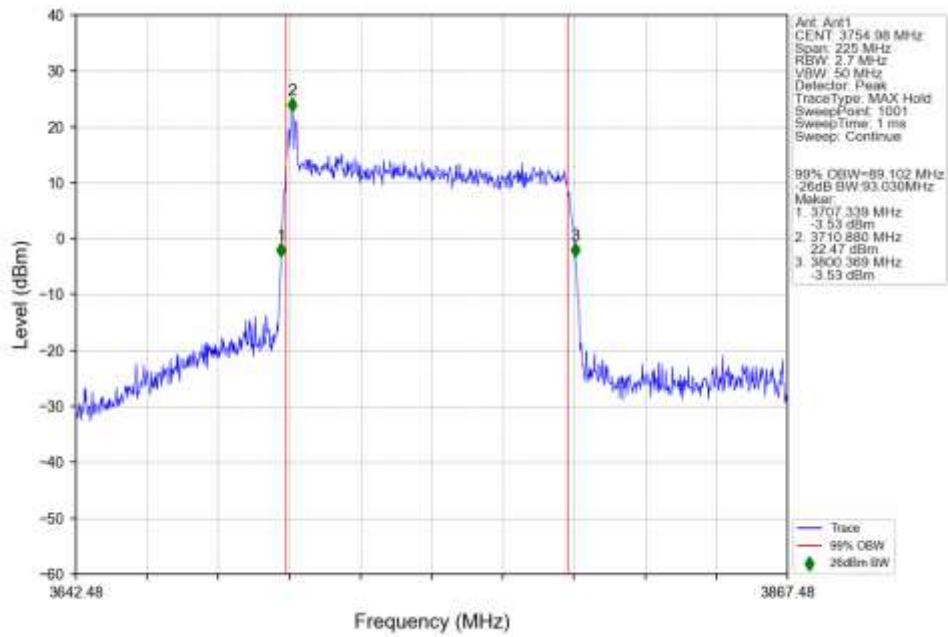
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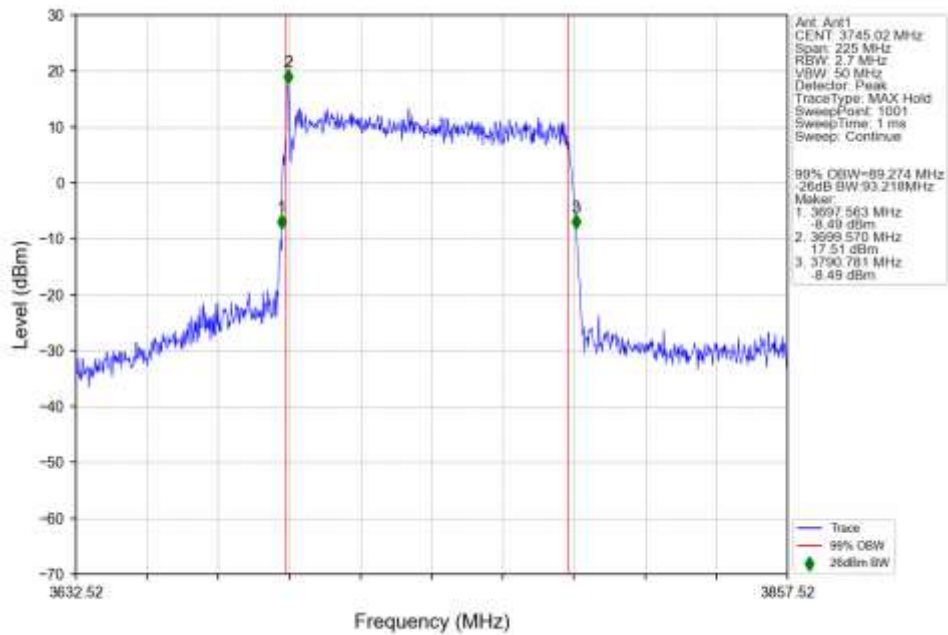
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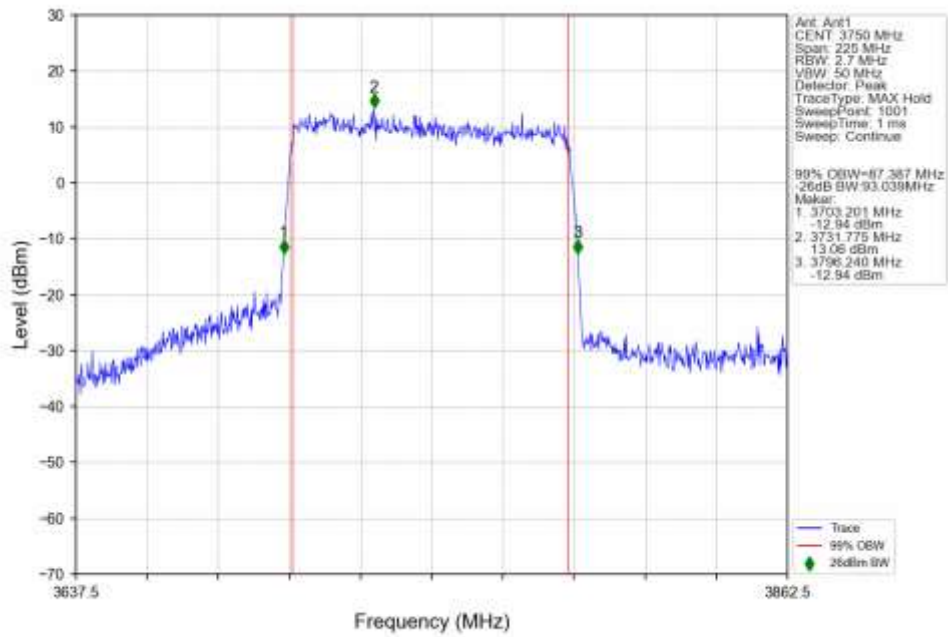
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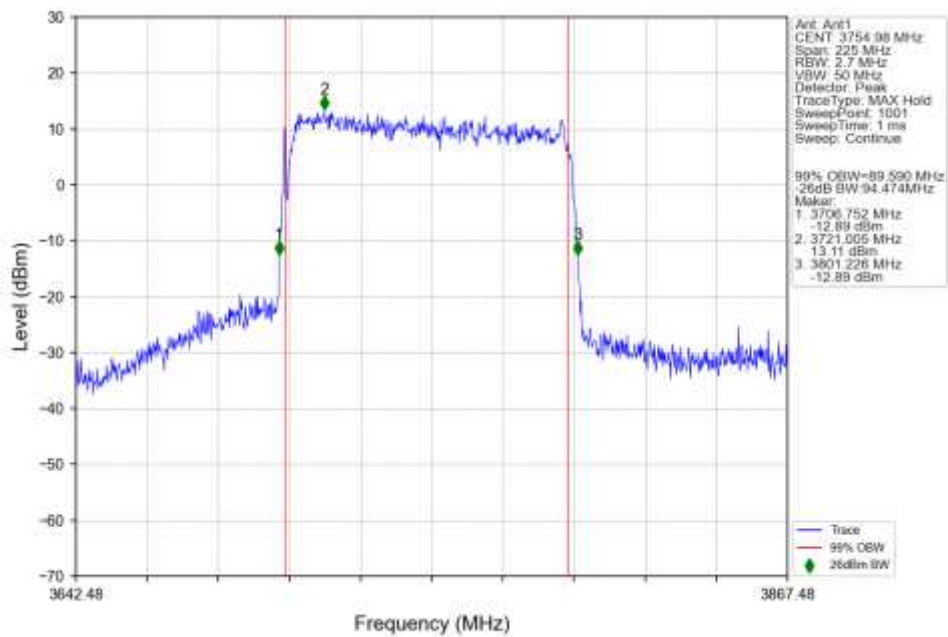
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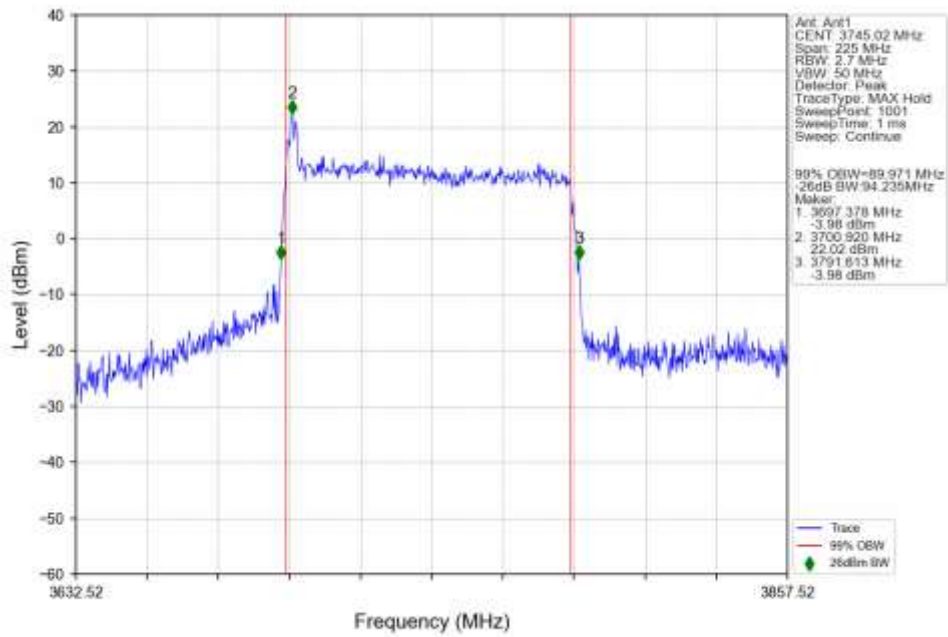
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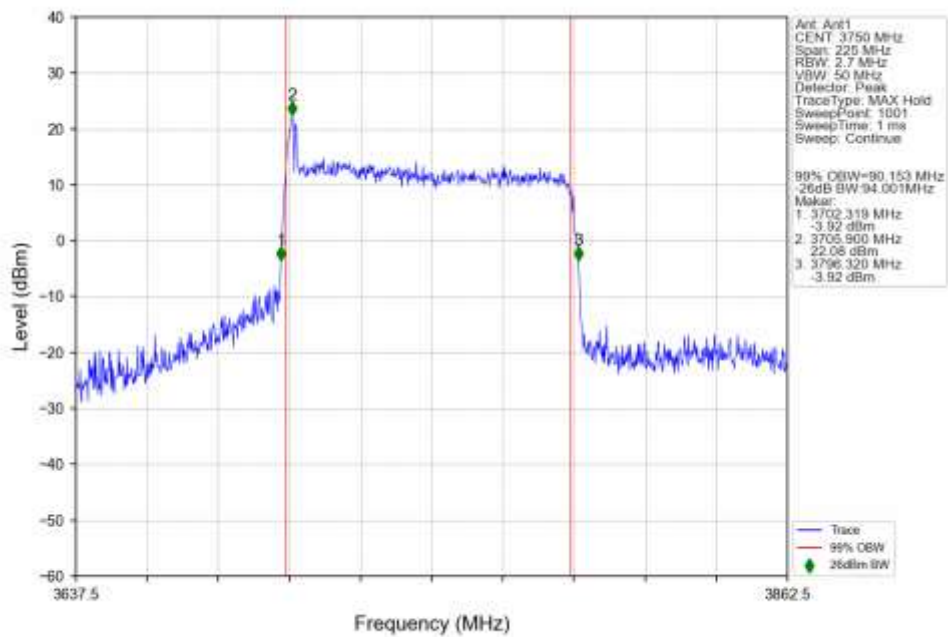
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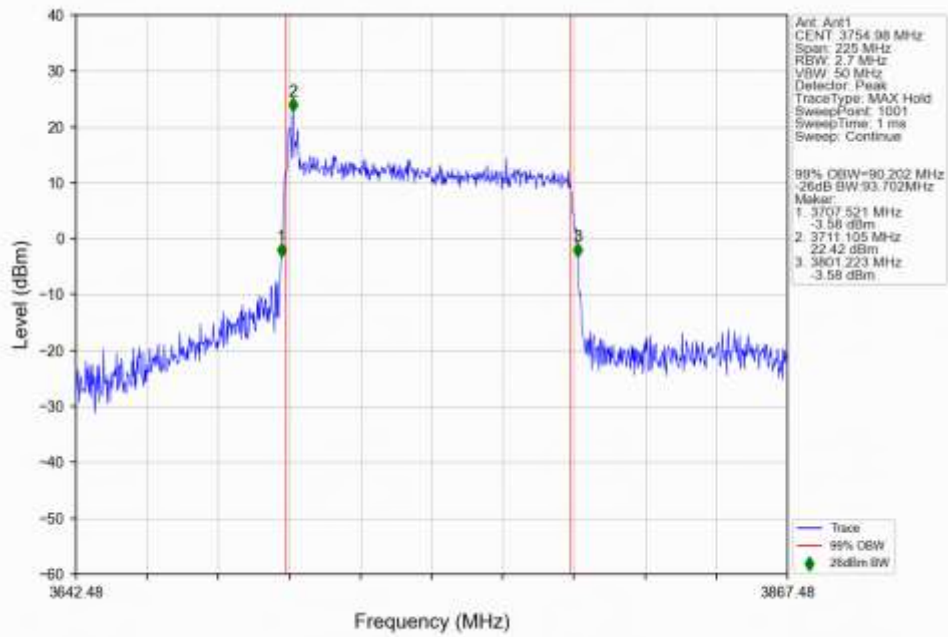
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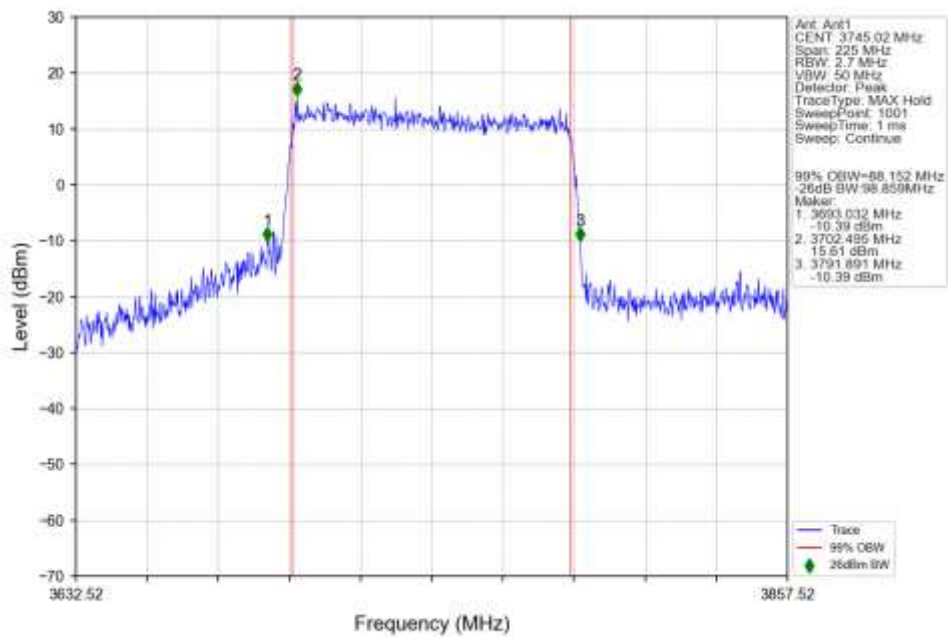
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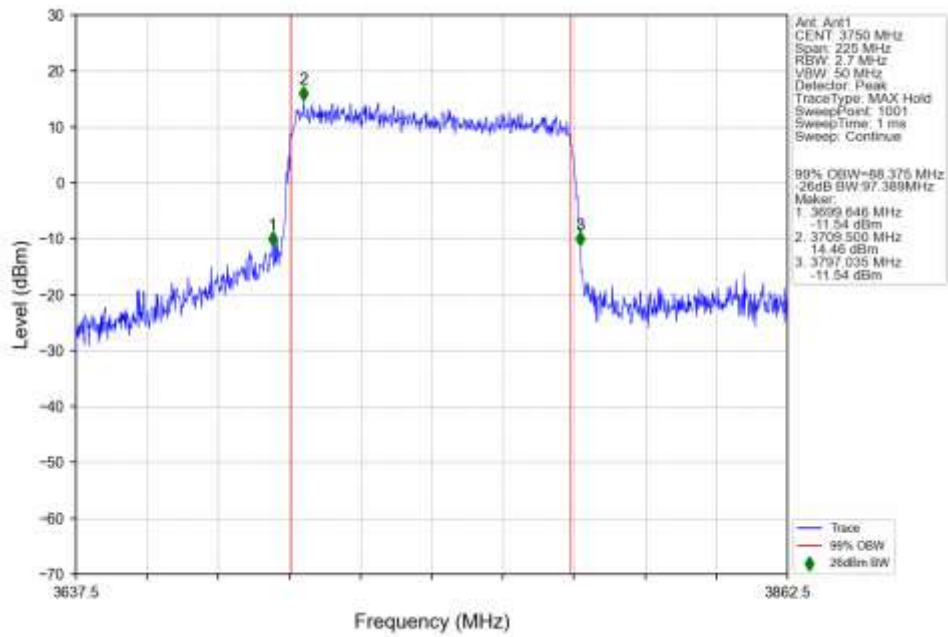
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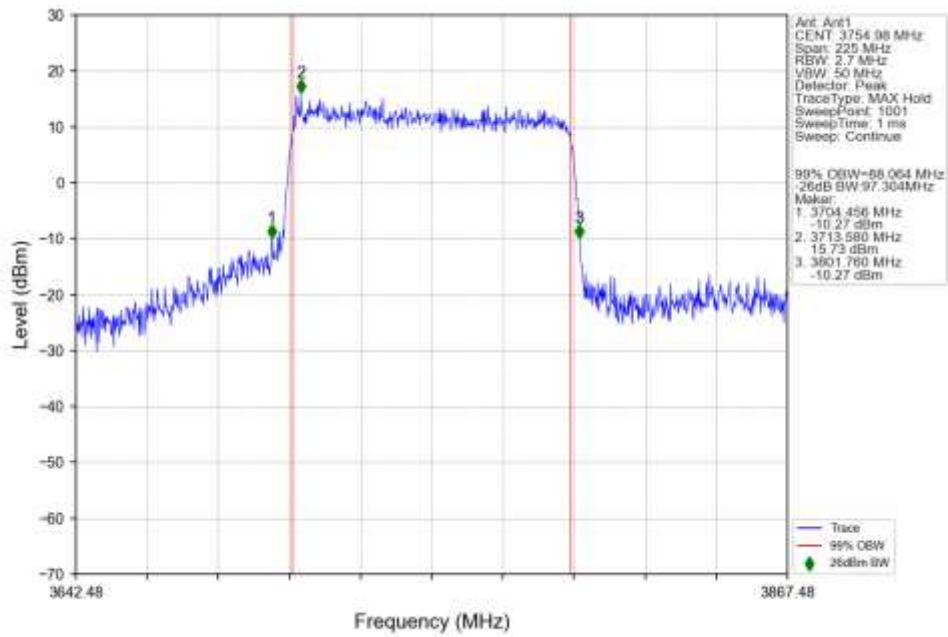
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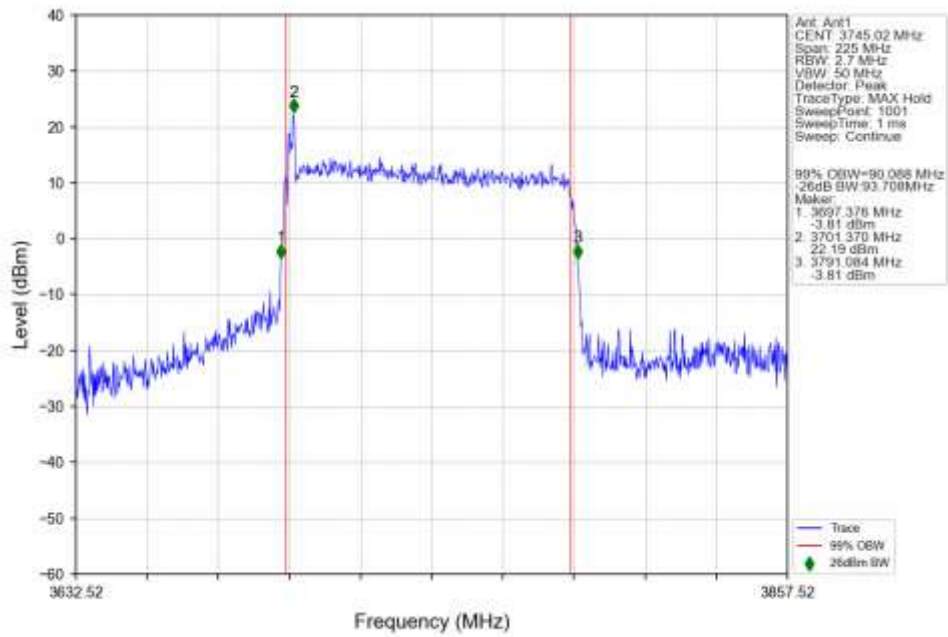
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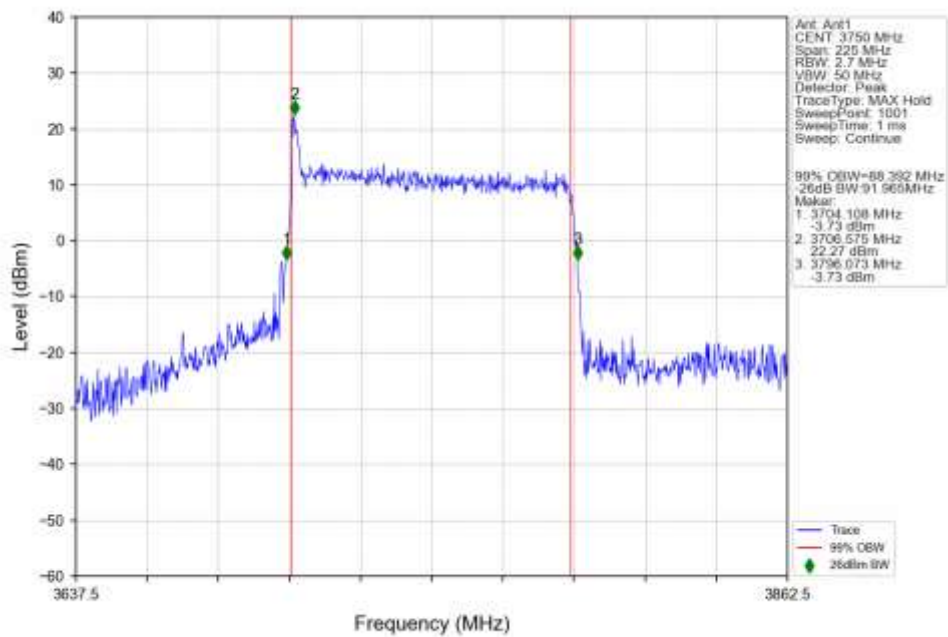
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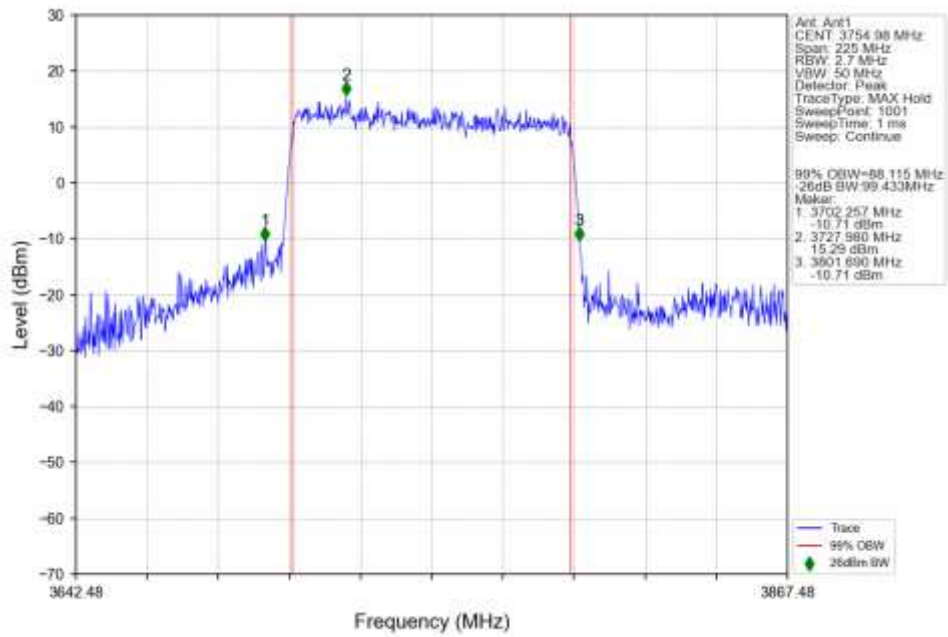
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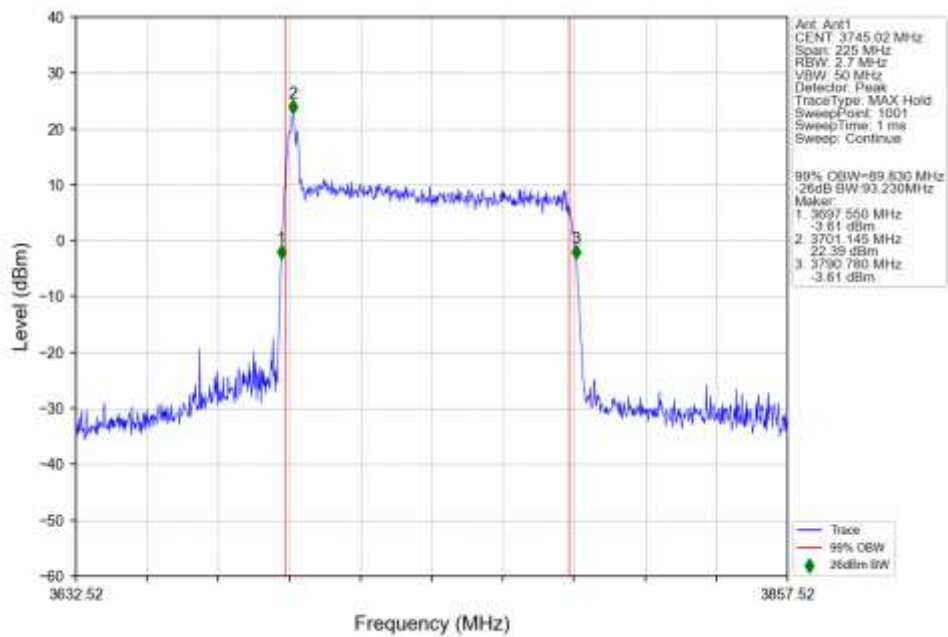
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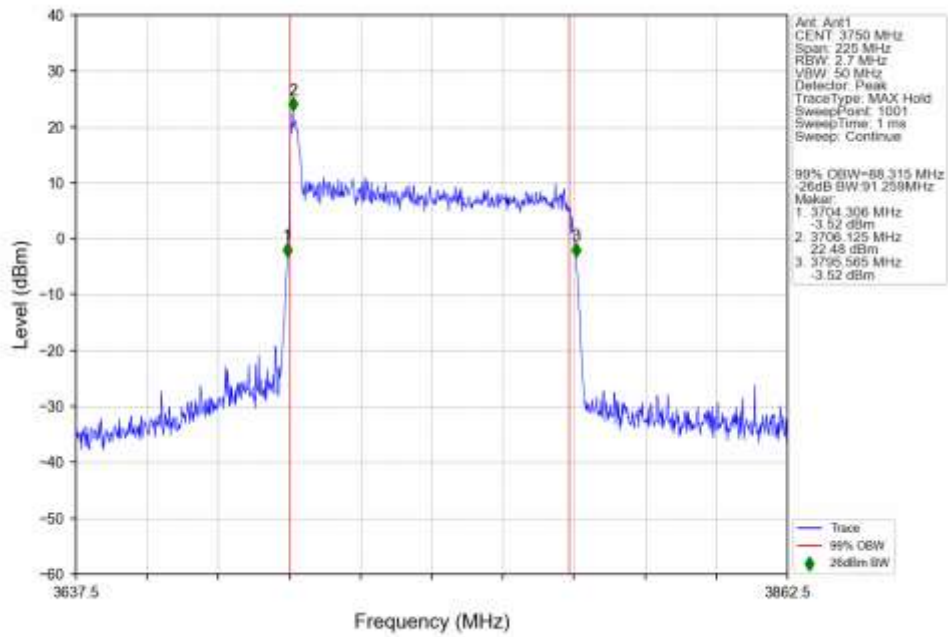
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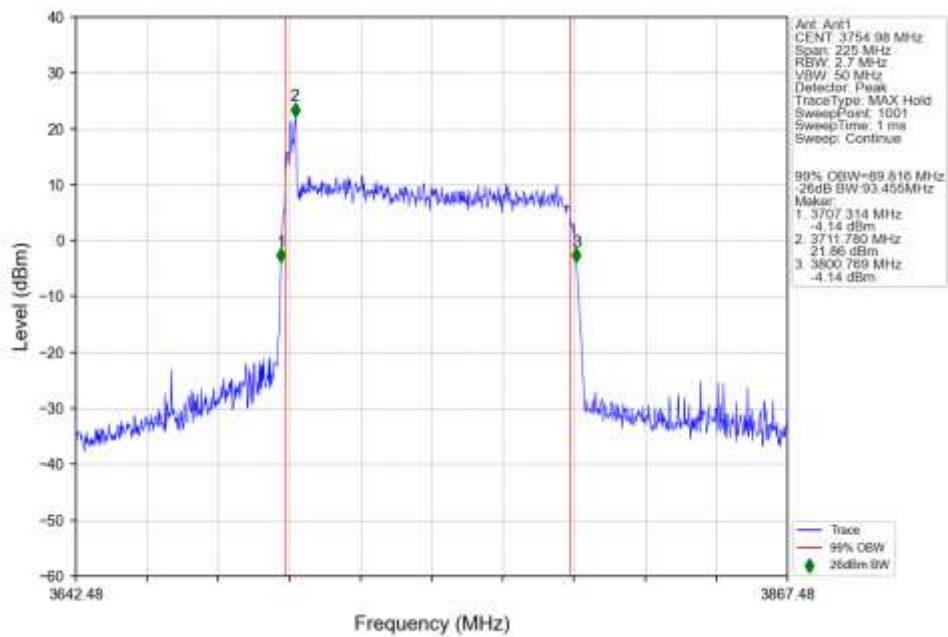
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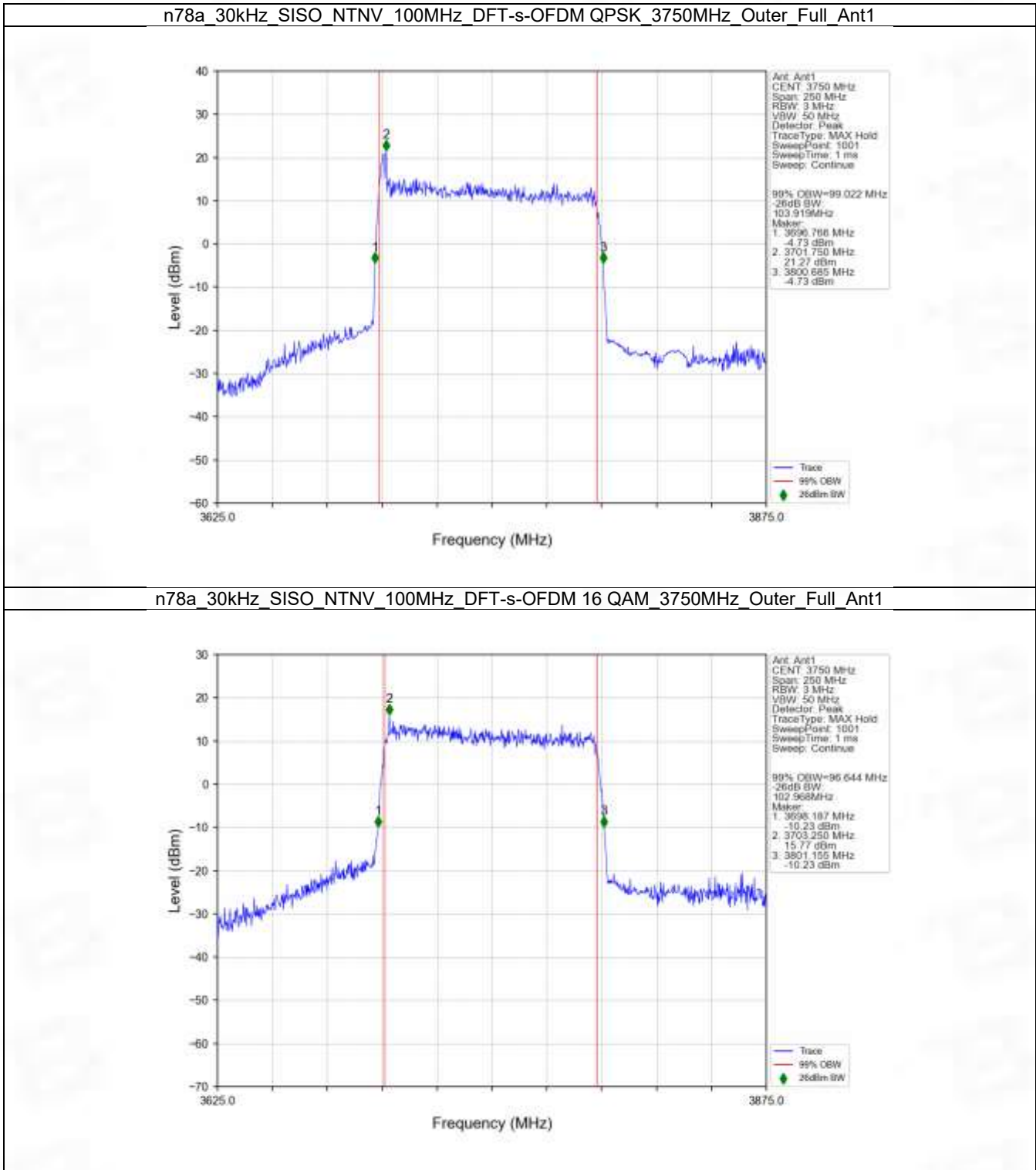
n78a 30kHz SISO NTN 90MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1



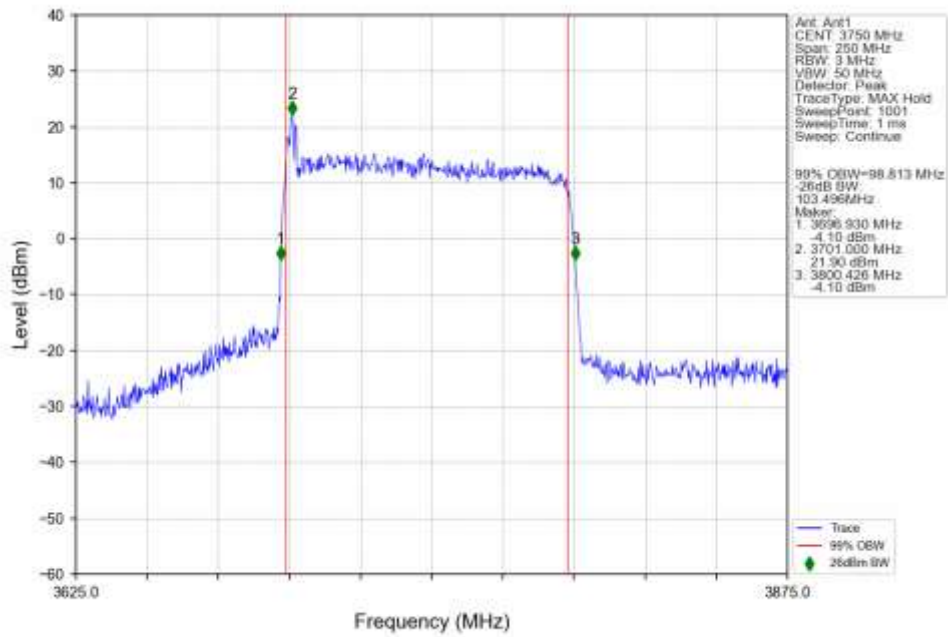
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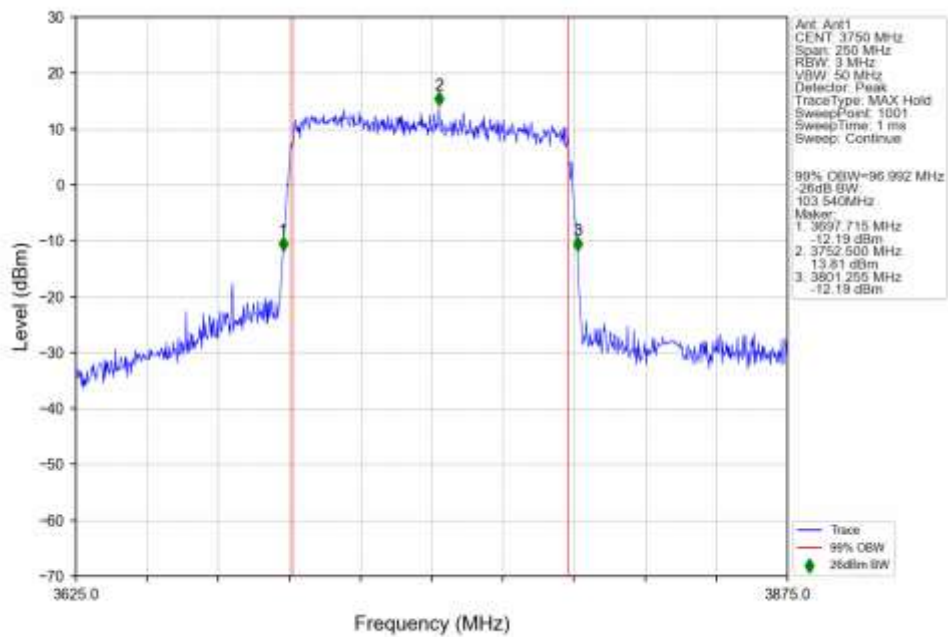
4.2.19 30k_SISO_100MHz_NTNV



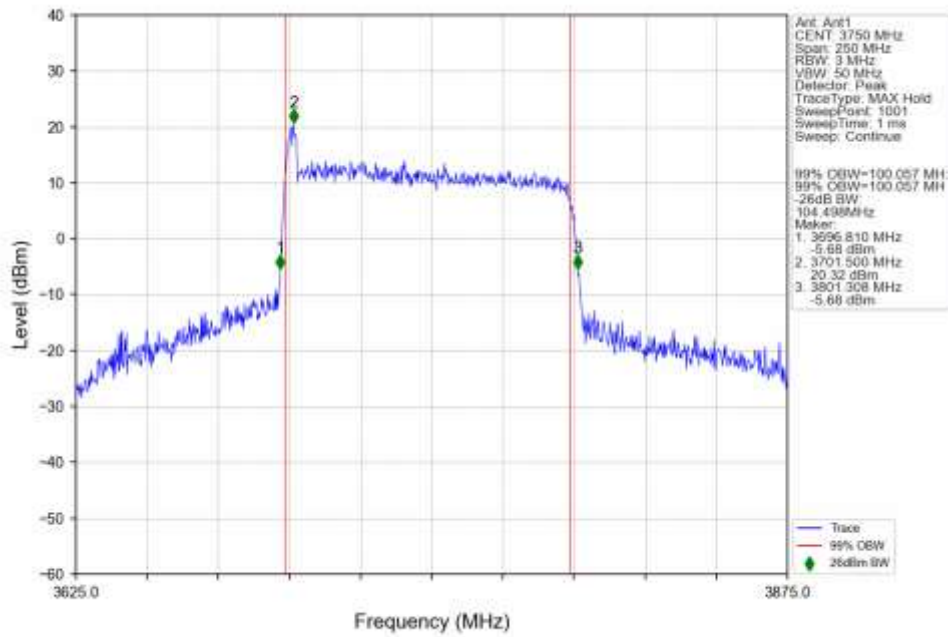
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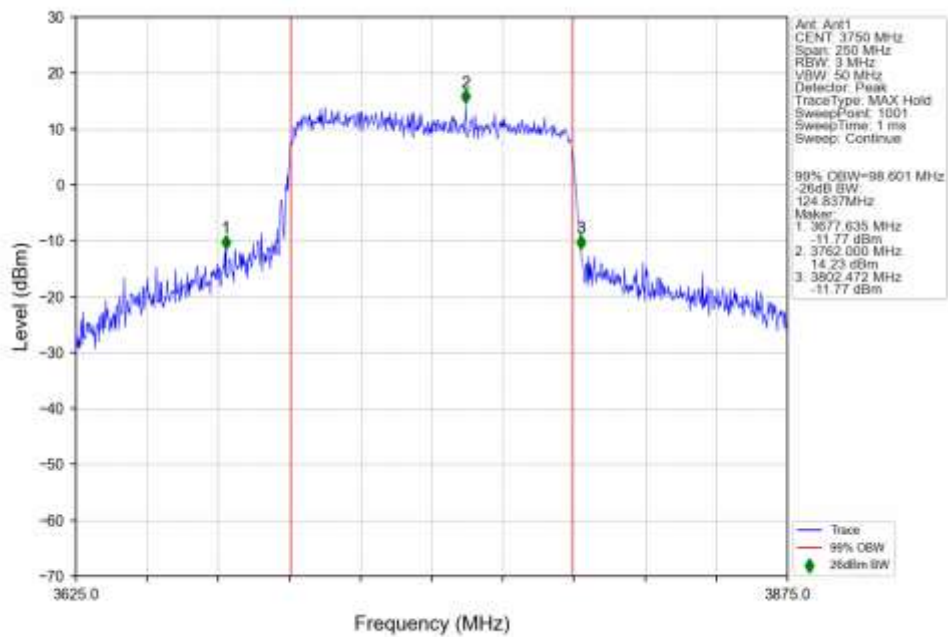
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



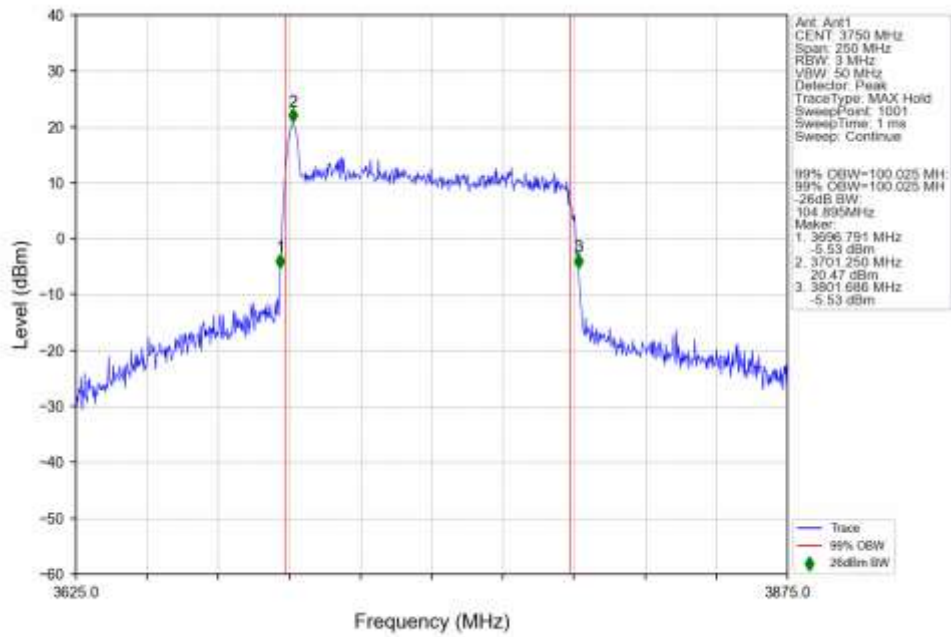
n78a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



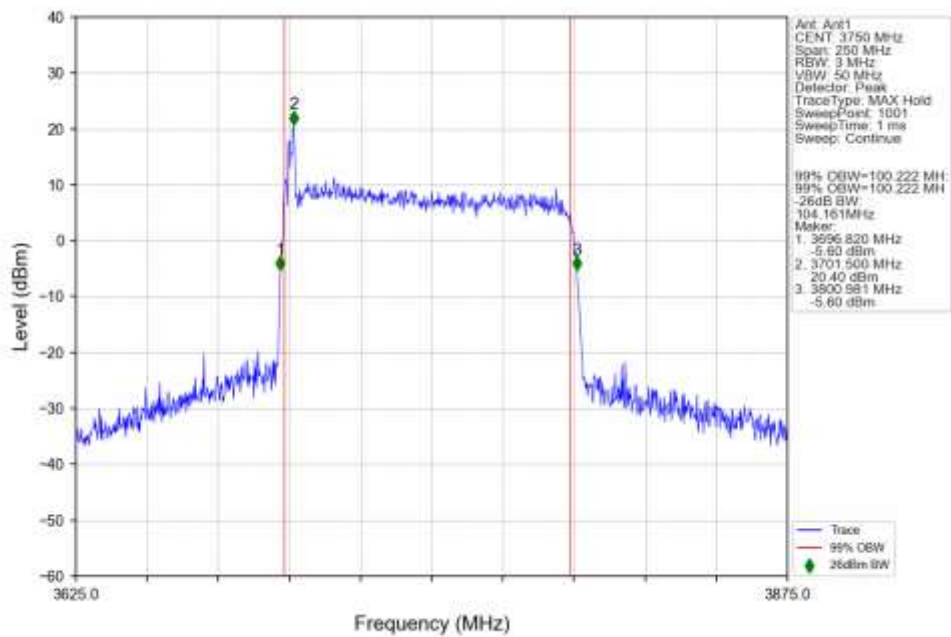
n78a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_10MHz_NTNV

5G NR n78a SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3705	Outer Full	5.07	/	/	<=13	Pass
	3750	Outer Full	4.98	/	/	<=13	Pass
	3795	Outer Full	5.10	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3705	Outer Full	5.61	/	/	<=13	Pass
	3750	Outer Full	5.58	/	/	<=13	Pass
	3795	Outer Full	5.90	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3705	Outer Full	5.61	/	/	<=13	Pass
	3750	Outer Full	5.58	/	/	<=13	Pass
	3795	Outer Full	5.71	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3705	Outer Full	6.06	/	/	<=13	Pass
	3750	Outer Full	6.02	/	/	<=13	Pass
	3795	Outer Full	6.03	/	/	<=13	Pass
CP-OFDM QPSK	3705	Outer Full	6.52	/	/	<=13	Pass
	3750	Outer Full	6.61	/	/	<=13	Pass
	3795	Outer Full	6.78	/	/	<=13	Pass
CP-OFDM 16 QAM	3705	Outer Full	6.61	/	/	<=13	Pass
	3750	Outer Full	6.53	/	/	<=13	Pass
	3795	Outer Full	6.87	/	/	<=13	Pass
CP-OFDM 64 QAM	3705	Outer Full	6.71	/	/	<=13	Pass
	3750	Outer Full	6.73	/	/	<=13	Pass
	3795	Outer Full	6.94	/	/	<=13	Pass
CP-OFDM 256 QAM	3705	Outer Full	7.77	/	/	<=13	Pass
	3750	Outer Full	7.72	/	/	<=13	Pass
	3795	Outer Full	7.80	/	/	<=13	Pass

5.1.2 15k_SISO_15MHz_NTNV

5G NR n78a SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3707.505	Outer Full	4.82	/	/	<=13	Pass
	3750	Outer Full	4.76	/	/	<=13	Pass
	3792.495	Outer Full	4.90	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3707.505	Outer Full	5.35	/	/	<=13	Pass
	3750	Outer Full	5.28	/	/	<=13	Pass
	3792.495	Outer Full	5.49	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3707.505	Outer Full	5.33	/	/	<=13	Pass
	3750	Outer Full	5.27	/	/	<=13	Pass
	3792.495	Outer Full	5.48	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3707.505	Outer Full	5.92	/	/	<=13	Pass
	3750	Outer Full	5.89	/	/	<=13	Pass
	3792.495	Outer Full	5.99	/	/	<=13	Pass
CP-OFDM QPSK	3707.505	Outer Full	6.24	/	/	<=13	Pass
	3750	Outer Full	6.28	/	/	<=13	Pass
	3792.495	Outer Full	6.54	/	/	<=13	Pass

CP-OFDM 16 QAM	3707.505	Outer Full	6.37	/	/	<=13	Pass
	3750	Outer Full	6.34	/	/	<=13	Pass
	3792.495	Outer Full	6.63	/	/	<=13	Pass
CP-OFDM 64 QAM	3707.505	Outer Full	6.53	/	/	<=13	Pass
	3750	Outer Full	6.50	/	/	<=13	Pass
	3792.495	Outer Full	6.71	/	/	<=13	Pass
CP-OFDM 256 QAM	3707.505	Outer Full	7.74	/	/	<=13	Pass
	3750	Outer Full	7.75	/	/	<=13	Pass
	3792.495	Outer Full	7.82	/	/	<=13	Pass

5.1.3 15k_SISO_20MHz_NTNV

5G NR n78a SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3710.01	Outer Full	5.04	/	/	<=13	Pass
	3750	Outer Full	5.03	/	/	<=13	Pass
	3789.99	Outer Full	5.05	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer Full	5.57	/	/	<=13	Pass
	3750	Outer Full	5.51	/	/	<=13	Pass
	3789.99	Outer Full	5.62	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer Full	5.63	/	/	<=13	Pass
	3750	Outer Full	5.55	/	/	<=13	Pass
	3789.99	Outer Full	5.69	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer Full	5.97	/	/	<=13	Pass
	3750	Outer Full	5.93	/	/	<=13	Pass
	3789.99	Outer Full	6.00	/	/	<=13	Pass
CP-OFDM QPSK	3710.01	Outer Full	6.71	/	/	<=13	Pass
	3750	Outer Full	6.68	/	/	<=13	Pass
	3789.99	Outer Full	6.82	/	/	<=13	Pass
CP-OFDM 16 QAM	3710.01	Outer Full	6.65	/	/	<=13	Pass
	3750	Outer Full	6.60	/	/	<=13	Pass
	3789.99	Outer Full	6.76	/	/	<=13	Pass
CP-OFDM 64 QAM	3710.01	Outer Full	6.89	/	/	<=13	Pass
	3750	Outer Full	6.84	/	/	<=13	Pass
	3789.99	Outer Full	6.99	/	/	<=13	Pass
CP-OFDM 256 QAM	3710.01	Outer Full	7.96	/	/	<=13	Pass
	3750	Outer Full	7.89	/	/	<=13	Pass
	3789.99	Outer Full	7.92	/	/	<=13	Pass

5.1.4 15k_SISO_25MHz_NTNV

5G NR n78a SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3712.5	Outer Full	5.07	/	/	<=13	Pass
	3750	Outer Full	5.08	/	/	<=13	Pass
	3787.5	Outer Full	5.09	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer Full	5.63	/	/	<=13	Pass
	3750	Outer Full	5.61	/	/	<=13	Pass
	3787.5	Outer Full	5.72	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer Full	5.74	/	/	<=13	Pass
	3750	Outer Full	5.75	/	/	<=13	Pass
	3787.5	Outer Full	5.84	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer Full	6.03	/	/	<=13	Pass
	3750	Outer Full	6.01	/	/	<=13	Pass

CP-OFDM QPSK	3787.5	Outer Full	6.08	/	/	<=13	Pass
	3712.5	Outer Full	6.81	/	/	<=13	Pass
	3750	Outer Full	6.83	/	/	<=13	Pass
	3787.5	Outer Full	7.10	/	/	<=13	Pass
CP-OFDM 16 QAM	3712.5	Outer Full	6.96	/	/	<=13	Pass
	3750	Outer Full	6.99	/	/	<=13	Pass
	3787.5	Outer Full	7.13	/	/	<=13	Pass
CP-OFDM 64 QAM	3712.5	Outer Full	7.04	/	/	<=13	Pass
	3750	Outer Full	7.04	/	/	<=13	Pass
	3787.5	Outer Full	7.18	/	/	<=13	Pass
CP-OFDM 256 QAM	3712.5	Outer Full	7.96	/	/	<=13	Pass
	3750	Outer Full	7.93	/	/	<=13	Pass
	3787.5	Outer Full	7.98	/	/	<=13	Pass

5.1.5 15k_SISO_30MHz_NTNV

5G NR n78a SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3715.005	Outer Full	5.34	/	/	<=13	Pass
	3750	Outer Full	5.38	/	/	<=13	Pass
	3784.995	Outer Full	5.33	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3715.005	Outer Full	5.96	/	/	<=13	Pass
	3750	Outer Full	5.98	/	/	<=13	Pass
	3784.995	Outer Full	6.01	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3715.005	Outer Full	6.17	/	/	<=13	Pass
	3750	Outer Full	6.18	/	/	<=13	Pass
	3784.995	Outer Full	6.19	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3715.005	Outer Full	6.30	/	/	<=13	Pass
	3750	Outer Full	6.33	/	/	<=13	Pass
	3784.995	Outer Full	6.33	/	/	<=13	Pass
CP-OFDM QPSK	3715.005	Outer Full	7.34	/	/	<=13	Pass
	3750	Outer Full	7.29	/	/	<=13	Pass
	3784.995	Outer Full	7.35	/	/	<=13	Pass
CP-OFDM 16 QAM	3715.005	Outer Full	7.34	/	/	<=13	Pass
	3750	Outer Full	7.36	/	/	<=13	Pass
	3784.995	Outer Full	7.37	/	/	<=13	Pass
CP-OFDM 64 QAM	3715.005	Outer Full	7.46	/	/	<=13	Pass
	3750	Outer Full	7.47	/	/	<=13	Pass
	3784.995	Outer Full	7.50	/	/	<=13	Pass
CP-OFDM 256 QAM	3715.005	Outer Full	8.11	/	/	<=13	Pass
	3750	Outer Full	8.10	/	/	<=13	Pass
	3784.995	Outer Full	8.09	/	/	<=13	Pass

5.1.6 15k_SISO_40MHz_NTNV

5G NR n78a SCS=15kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3720	Outer Full	6.23	/	/	<=13	Pass
	3750	Outer Full	6.30	/	/	<=13	Pass
	3780	Outer Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3720	Outer Full	6.89	/	/	<=13	Pass
	3750	Outer Full	6.90	/	/	<=13	Pass
	3780	Outer Full	6.92	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3720	Outer Full	6.98	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	3750	Outer Full	6.99	/	/	<=13	Pass
	3780	Outer Full	7.00	/	/	<=13	Pass
	3720	Outer Full	7.00	/	/	<=13	Pass
	3750	Outer Full	6.98	/	/	<=13	Pass
	3780	Outer Full	7.00	/	/	<=13	Pass
CP-OFDM QPSK	3720	Outer Full	7.75	/	/	<=13	Pass
	3750	Outer Full	7.76	/	/	<=13	Pass
	3780	Outer Full	7.74	/	/	<=13	Pass
CP-OFDM 16 QAM	3720	Outer Full	7.74	/	/	<=13	Pass
	3750	Outer Full	7.73	/	/	<=13	Pass
	3780	Outer Full	7.75	/	/	<=13	Pass
CP-OFDM 64 QAM	3720	Outer Full	7.86	/	/	<=13	Pass
	3750	Outer Full	7.84	/	/	<=13	Pass
	3780	Outer Full	7.87	/	/	<=13	Pass
CP-OFDM 256 QAM	3720	Outer Full	8.16	/	/	<=13	Pass
	3750	Outer Full	8.15	/	/	<=13	Pass
	3780	Outer Full	8.15	/	/	<=13	Pass

5.1.7 15k_SISO_50MHz_NTNV

5G NR n78a SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3725.01	Outer Full	6.61	/	/	<=13	Pass
	3750	Outer Full	6.65	/	/	<=13	Pass
	3774.99	Outer Full	6.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer Full	7.15	/	/	<=13	Pass
	3750	Outer Full	7.14	/	/	<=13	Pass
	3774.99	Outer Full	7.14	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer Full	7.17	/	/	<=13	Pass
	3750	Outer Full	7.18	/	/	<=13	Pass
	3774.99	Outer Full	7.17	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer Full	7.25	/	/	<=13	Pass
	3750	Outer Full	7.24	/	/	<=13	Pass
	3774.99	Outer Full	7.24	/	/	<=13	Pass
CP-OFDM QPSK	3725.01	Outer Full	7.84	/	/	<=13	Pass
	3750	Outer Full	7.80	/	/	<=13	Pass
	3774.99	Outer Full	7.81	/	/	<=13	Pass
CP-OFDM 16 QAM	3725.01	Outer Full	7.87	/	/	<=13	Pass
	3750	Outer Full	7.88	/	/	<=13	Pass
	3774.99	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 64 QAM	3725.01	Outer Full	7.84	/	/	<=13	Pass
	3750	Outer Full	7.82	/	/	<=13	Pass
	3774.99	Outer Full	7.79	/	/	<=13	Pass
CP-OFDM 256 QAM	3725.01	Outer Full	8.23	/	/	<=13	Pass
	3750	Outer Full	8.25	/	/	<=13	Pass
	3774.99	Outer Full	8.22	/	/	<=13	Pass

5.1.8 30k_SISO_10MHz_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3705	Outer Full	5.19	/	/	<=13	Pass
	3750	Outer Full	5.13	/	/	<=13	Pass
	3795	Outer Full	5.26	/	/	<=13	Pass

DFT-s-OFDM 16 QAM	3705	Outer Full	5.58	/	/	<=13	Pass
	3750	Outer Full	5.54	/	/	<=13	Pass
	3795	Outer Full	5.69	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3705	Outer Full	5.57	/	/	<=13	Pass
	3750	Outer Full	5.53	/	/	<=13	Pass
	3795	Outer Full	5.71	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3705	Outer Full	6.08	/	/	<=13	Pass
	3750	Outer Full	6.06	/	/	<=13	Pass
	3795	Outer Full	6.21	/	/	<=13	Pass
CP-OFDM QPSK	3705	Outer Full	6.39	/	/	<=13	Pass
	3750	Outer Full	6.42	/	/	<=13	Pass
	3795	Outer Full	6.73	/	/	<=13	Pass
CP-OFDM 16 QAM	3705	Outer Full	6.36	/	/	<=13	Pass
	3750	Outer Full	6.34	/	/	<=13	Pass
	3795	Outer Full	6.65	/	/	<=13	Pass
CP-OFDM 64 QAM	3705	Outer Full	6.56	/	/	<=13	Pass
	3750	Outer Full	6.54	/	/	<=13	Pass
	3795	Outer Full	6.85	/	/	<=13	Pass
CP-OFDM 256 QAM	3705	Outer Full	7.63	/	/	<=13	Pass
	3750	Outer Full	7.52	/	/	<=13	Pass
	3795	Outer Full	7.72	/	/	<=13	Pass

5.1.9 30k_SISO_15MHz_NTNV

5G NR n78a SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3707.52	Outer Full	5.05	/	/	<=13	Pass
	3750	Outer Full	4.97	/	/	<=13	Pass
	3792.48	Outer Full	5.11	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer Full	5.39	/	/	<=13	Pass
	3750	Outer Full	5.34	/	/	<=13	Pass
	3792.48	Outer Full	5.50	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer Full	5.43	/	/	<=13	Pass
	3750	Outer Full	5.36	/	/	<=13	Pass
	3792.48	Outer Full	5.55	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3707.52	Outer Full	5.86	/	/	<=13	Pass
	3750	Outer Full	5.81	/	/	<=13	Pass
	3792.48	Outer Full	5.90	/	/	<=13	Pass
CP-OFDM QPSK	3707.52	Outer Full	6.29	/	/	<=13	Pass
	3750	Outer Full	6.25	/	/	<=13	Pass
	3792.48	Outer Full	6.52	/	/	<=13	Pass
CP-OFDM 16 QAM	3707.52	Outer Full	6.33	/	/	<=13	Pass
	3750	Outer Full	6.29	/	/	<=13	Pass
	3792.48	Outer Full	6.53	/	/	<=13	Pass
CP-OFDM 64 QAM	3707.52	Outer Full	6.59	/	/	<=13	Pass
	3750	Outer Full	6.53	/	/	<=13	Pass
	3792.48	Outer Full	6.78	/	/	<=13	Pass
CP-OFDM 256 QAM	3707.52	Outer Full	7.55	/	/	<=13	Pass
	3750	Outer Full	7.65	/	/	<=13	Pass
	3792.48	Outer Full	7.71	/	/	<=13	Pass

5.1.10 30k_SISO_20MHz_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTN				
Modulation	Frequency	RB	Peak-Average Ratio (dB)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3710.01	Outer_Full	5.06	/	/	<=13	Pass
	3750	Outer_Full	4.98	/	/	<=13	Pass
	3789.99	Outer_Full	5.05	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	5.59	/	/	<=13	Pass
	3750	Outer_Full	5.53	/	/	<=13	Pass
	3789.99	Outer_Full	5.66	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	5.60	/	/	<=13	Pass
	3750	Outer_Full	5.52	/	/	<=13	Pass
	3789.99	Outer_Full	5.68	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	5.95	/	/	<=13	Pass
	3750	Outer_Full	5.91	/	/	<=13	Pass
	3789.99	Outer_Full	6.08	/	/	<=13	Pass
CP-OFDM QPSK	3710.01	Outer_Full	6.59	/	/	<=13	Pass
	3750	Outer_Full	6.55	/	/	<=13	Pass
	3789.99	Outer_Full	6.81	/	/	<=13	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	6.60	/	/	<=13	Pass
	3750	Outer_Full	6.54	/	/	<=13	Pass
	3789.99	Outer_Full	6.71	/	/	<=13	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	6.70	/	/	<=13	Pass
	3750	Outer_Full	6.67	/	/	<=13	Pass
	3789.99	Outer_Full	6.87	/	/	<=13	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	7.75	/	/	<=13	Pass
	3750	Outer_Full	7.84	/	/	<=13	Pass
	3789.99	Outer_Full	7.94	/	/	<=13	Pass

5.1.11 30k_SISO_25MHz_NTNV

5G NR n78a SCS=30kHz SISO 25MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3712.5	Outer_Full	5.16	/	/	<=13	Pass
	3750	Outer_Full	5.15	/	/	<=13	Pass
	3787.5	Outer_Full	5.22	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	5.73	/	/	<=13	Pass
	3750	Outer_Full	5.72	/	/	<=13	Pass
	3787.5	Outer_Full	5.82	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	5.73	/	/	<=13	Pass
	3750	Outer_Full	5.70	/	/	<=13	Pass
	3787.5	Outer_Full	5.84	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	6.00	/	/	<=13	Pass
	3750	Outer_Full	5.97	/	/	<=13	Pass
	3787.5	Outer_Full	6.05	/	/	<=13	Pass
CP-OFDM QPSK	3712.5	Outer_Full	6.80	/	/	<=13	Pass
	3750	Outer_Full	6.88	/	/	<=13	Pass
	3787.5	Outer_Full	7.02	/	/	<=13	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	6.82	/	/	<=13	Pass
	3750	Outer_Full	6.91	/	/	<=13	Pass
	3787.5	Outer_Full	7.07	/	/	<=13	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	6.95	/	/	<=13	Pass
	3750	Outer_Full	7.06	/	/	<=13	Pass
	3787.5	Outer_Full	7.20	/	/	<=13	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	7.81	/	/	<=13	Pass
	3750	Outer_Full	7.78	/	/	<=13	Pass
	3787.5	Outer_Full	7.82	/	/	<=13	Pass

5.1.12 30k_SISO_30MHz_NTNV

5G NR n78a SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3715.02	Outer_Full	5.24	/	/	<=13	Pass
	3750	Outer_Full	5.27	/	/	<=13	Pass
	3784.98	Outer_Full	5.26	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	5.84	/	/	<=13	Pass
	3750	Outer_Full	5.83	/	/	<=13	Pass
	3784.98	Outer_Full	5.91	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	6.02	/	/	<=13	Pass
	3750	Outer_Full	5.99	/	/	<=13	Pass
	3784.98	Outer_Full	6.05	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	6.28	/	/	<=13	Pass
	3750	Outer_Full	6.24	/	/	<=13	Pass
	3784.98	Outer_Full	6.27	/	/	<=13	Pass
CP-OFDM QPSK	3715.02	Outer_Full	7.24	/	/	<=13	Pass
	3750	Outer_Full	7.22	/	/	<=13	Pass
	3784.98	Outer_Full	7.32	/	/	<=13	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	7.26	/	/	<=13	Pass
	3750	Outer_Full	7.16	/	/	<=13	Pass
	3784.98	Outer_Full	7.32	/	/	<=13	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	7.42	/	/	<=13	Pass
	3750	Outer_Full	7.37	/	/	<=13	Pass
	3784.98	Outer_Full	7.46	/	/	<=13	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	7.74	/	/	<=13	Pass
	3750	Outer_Full	7.65	/	/	<=13	Pass
	3784.98	Outer_Full	7.69	/	/	<=13	Pass

5.1.13 30k_SISO_40MHz_NTNV

5G NR n78a SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3720	Outer_Full	6.39	/	/	<=13	Pass
	3750	Outer_Full	6.26	/	/	<=13	Pass
	3780	Outer_Full	6.24	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	7.08	/	/	<=13	Pass
	3750	Outer_Full	7.00	/	/	<=13	Pass
	3780	Outer_Full	6.96	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	7.15	/	/	<=13	Pass
	3750	Outer_Full	7.14	/	/	<=13	Pass
	3780	Outer_Full	7.16	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	9.56	/	/	<=13	Pass
	3750	Outer_Full	7.10	/	/	<=13	Pass
	3780	Outer_Full	7.11	/	/	<=13	Pass
CP-OFDM QPSK	3720	Outer_Full	7.83	/	/	<=13	Pass
	3750	Outer_Full	7.96	/	/	<=13	Pass
	3780	Outer_Full	8.02	/	/	<=13	Pass
CP-OFDM 16 QAM	3720	Outer_Full	8.06	/	/	<=13	Pass
	3750	Outer_Full	8.05	/	/	<=13	Pass
	3780	Outer_Full	8.09	/	/	<=13	Pass
CP-OFDM 64 QAM	3720	Outer_Full	7.97	/	/	<=13	Pass
	3750	Outer_Full	8.00	/	/	<=13	Pass
	3780	Outer_Full	8.00	/	/	<=13	Pass
CP-OFDM 256 QAM	3720	Outer_Full	8.33	/	/	<=13	Pass

	3750	Outer Full	8.36	/	/	<=13	Pass
	3780	Outer Full	8.34	/	/	<=13	Pass

5.1.14 30k_SISO_50MHz_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3725.01	Outer Full	6.86	/	/	<=13	Pass
	3750	Outer Full	6.89	/	/	<=13	Pass
	3774.99	Outer Full	6.83	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer Full	7.47	/	/	<=13	Pass
	3750	Outer Full	7.43	/	/	<=13	Pass
	3774.99	Outer Full	7.45	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer Full	7.36	/	/	<=13	Pass
	3750	Outer Full	7.36	/	/	<=13	Pass
	3774.99	Outer Full	7.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer Full	7.40	/	/	<=13	Pass
	3750	Outer Full	7.41	/	/	<=13	Pass
	3774.99	Outer Full	7.42	/	/	<=13	Pass
CP-OFDM QPSK	3725.01	Outer Full	8.05	/	/	<=13	Pass
	3750	Outer Full	8.05	/	/	<=13	Pass
	3774.99	Outer Full	8.06	/	/	<=13	Pass
CP-OFDM 16 QAM	3725.01	Outer Full	8.09	/	/	<=13	Pass
	3750	Outer Full	8.11	/	/	<=13	Pass
	3774.99	Outer Full	8.08	/	/	<=13	Pass
CP-OFDM 64 QAM	3725.01	Outer Full	8.23	/	/	<=13	Pass
	3750	Outer Full	8.21	/	/	<=13	Pass
	3774.99	Outer Full	8.05	/	/	<=13	Pass
CP-OFDM 256 QAM	3725.01	Outer Full	8.38	/	/	<=13	Pass
	3750	Outer Full	8.34	/	/	<=13	Pass
	3774.99	Outer Full	8.28	/	/	<=13	Pass

5.1.15 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3730.02	Outer Full	6.88	/	/	<=13	Pass
	3750	Outer Full	6.89	/	/	<=13	Pass
	3769.98	Outer Full	6.88	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer Full	7.26	/	/	<=13	Pass
	3750	Outer Full	7.18	/	/	<=13	Pass
	3769.98	Outer Full	7.20	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer Full	7.15	/	/	<=13	Pass
	3750	Outer Full	7.11	/	/	<=13	Pass
	3769.98	Outer Full	7.13	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer Full	7.34	/	/	<=13	Pass
	3750	Outer Full	7.35	/	/	<=13	Pass
	3769.98	Outer Full	7.36	/	/	<=13	Pass
CP-OFDM QPSK	3730.02	Outer Full	8.04	/	/	<=13	Pass
	3750	Outer Full	8.02	/	/	<=13	Pass
	3769.98	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 16 QAM	3730.02	Outer Full	8.00	/	/	<=13	Pass
	3750	Outer Full	7.98	/	/	<=13	Pass
	3769.98	Outer Full	7.99	/	/	<=13	Pass

CP-OFDM 64 QAM	3730.02	Outer Full	8.08	/	/	<=13	Pass
	3750	Outer Full	8.07	/	/	<=13	Pass
	3769.98	Outer Full	8.05	/	/	<=13	Pass
CP-OFDM 256 QAM	3730.02	Outer Full	8.35	/	/	<=13	Pass
	3750	Outer Full	8.31	/	/	<=13	Pass
	3769.98	Outer Full	8.32	/	/	<=13	Pass

5.1.16 30k_SISO_70MHz_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3735	Outer Full	7.01	/	/	<=13	Pass
	3750	Outer Full	7.04	/	/	<=13	Pass
	3765	Outer Full	7.04	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3735	Outer Full	7.50	/	/	<=13	Pass
	3750	Outer Full	7.47	/	/	<=13	Pass
	3765	Outer Full	7.47	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3735	Outer Full	7.35	/	/	<=13	Pass
	3750	Outer Full	7.32	/	/	<=13	Pass
	3765	Outer Full	7.34	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3735	Outer Full	7.39	/	/	<=13	Pass
	3750	Outer Full	7.38	/	/	<=13	Pass
	3765	Outer Full	7.39	/	/	<=13	Pass
CP-OFDM QPSK	3735	Outer Full	8.03	/	/	<=13	Pass
	3750	Outer Full	8.02	/	/	<=13	Pass
	3765	Outer Full	7.99	/	/	<=13	Pass
CP-OFDM 16 QAM	3735	Outer Full	8.10	/	/	<=13	Pass
	3750	Outer Full	8.09	/	/	<=13	Pass
	3765	Outer Full	8.07	/	/	<=13	Pass
CP-OFDM 64 QAM	3735	Outer Full	8.08	/	/	<=13	Pass
	3750	Outer Full	8.07	/	/	<=13	Pass
	3765	Outer Full	8.08	/	/	<=13	Pass
CP-OFDM 256 QAM	3735	Outer Full	8.13	/	/	<=13	Pass
	3750	Outer Full	8.14	/	/	<=13	Pass
	3765	Outer Full	8.11	/	/	<=13	Pass

5.1.17 30k_SISO_80MHz_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3740.01	Outer Full	7.11	/	/	<=13	Pass
	3750	Outer Full	7.15	/	/	<=13	Pass
	3759.99	Outer Full	7.13	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer Full	7.52	/	/	<=13	Pass
	3750	Outer Full	7.53	/	/	<=13	Pass
	3759.99	Outer Full	7.54	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer Full	7.52	/	/	<=13	Pass
	3750	Outer Full	7.51	/	/	<=13	Pass
	3759.99	Outer Full	7.49	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer Full	7.41	/	/	<=13	Pass
	3750	Outer Full	7.40	/	/	<=13	Pass
	3759.99	Outer Full	7.41	/	/	<=13	Pass
CP-OFDM QPSK	3740.01	Outer Full	8.05	/	/	<=13	Pass
	3750	Outer Full	8.06	/	/	<=13	Pass

	3759.99	Outer_Full	8.05	/	/	<=13	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	7.96	/	/	<=13	Pass
	3750	Outer_Full	7.93	/	/	<=13	Pass
	3759.99	Outer_Full	7.94	/	/	<=13	Pass
	3740.01	Outer_Full	8.02	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer_Full	7.98	/	/	<=13	Pass
	3759.99	Outer_Full	7.99	/	/	<=13	Pass
	3740.01	Outer_Full	8.16	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.10	/	/	<=13	Pass
	3759.99	Outer_Full	8.14	/	/	<=13	Pass

5.1.18 30k_SISO_90MHz_NTNV

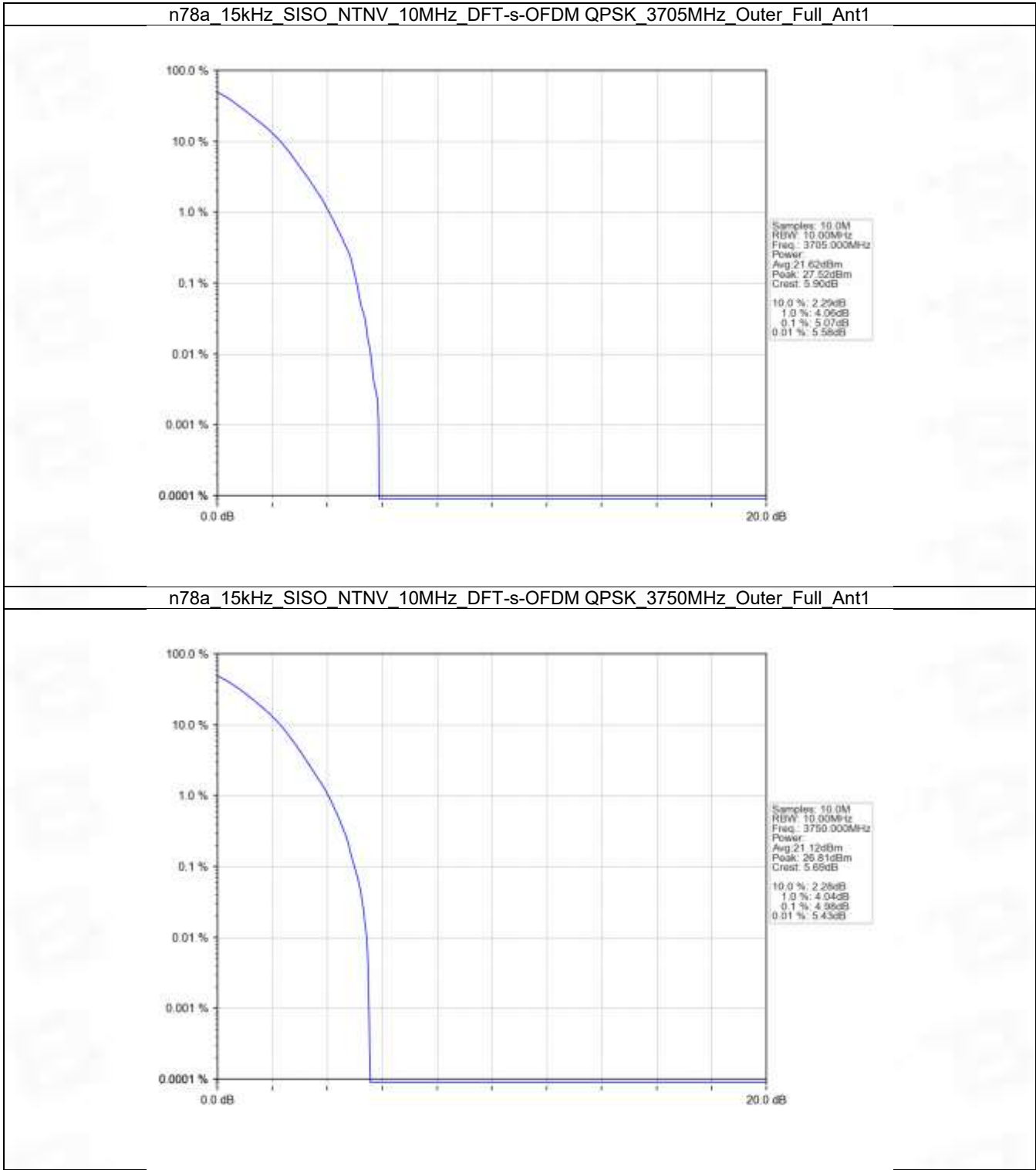
5G NR n78a SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3745.02	Outer_Full	7.27	/	/	<=13	Pass
	3750	Outer_Full	7.26	/	/	<=13	Pass
	3754.98	Outer_Full	7.25	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	7.43	/	/	<=13	Pass
	3750	Outer_Full	7.39	/	/	<=13	Pass
	3754.98	Outer_Full	7.43	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	7.62	/	/	<=13	Pass
	3750	Outer_Full	7.56	/	/	<=13	Pass
	3754.98	Outer_Full	7.61	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	7.65	/	/	<=13	Pass
	3750	Outer_Full	7.59	/	/	<=13	Pass
	3754.98	Outer_Full	7.62	/	/	<=13	Pass
CP-OFDM QPSK	3745.02	Outer_Full	8.03	/	/	<=13	Pass
	3750	Outer_Full	7.97	/	/	<=13	Pass
	3754.98	Outer_Full	7.99	/	/	<=13	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	8.05	/	/	<=13	Pass
	3750	Outer_Full	8.02	/	/	<=13	Pass
	3754.98	Outer_Full	8.03	/	/	<=13	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	8.04	/	/	<=13	Pass
	3750	Outer_Full	8.04	/	/	<=13	Pass
	3754.98	Outer_Full	8.04	/	/	<=13	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	8.15	/	/	<=13	Pass
	3750	Outer_Full	8.15	/	/	<=13	Pass
	3754.98	Outer_Full	8.18	/	/	<=13	Pass

5.1.19 30k_SISO_100MHz_NTNV

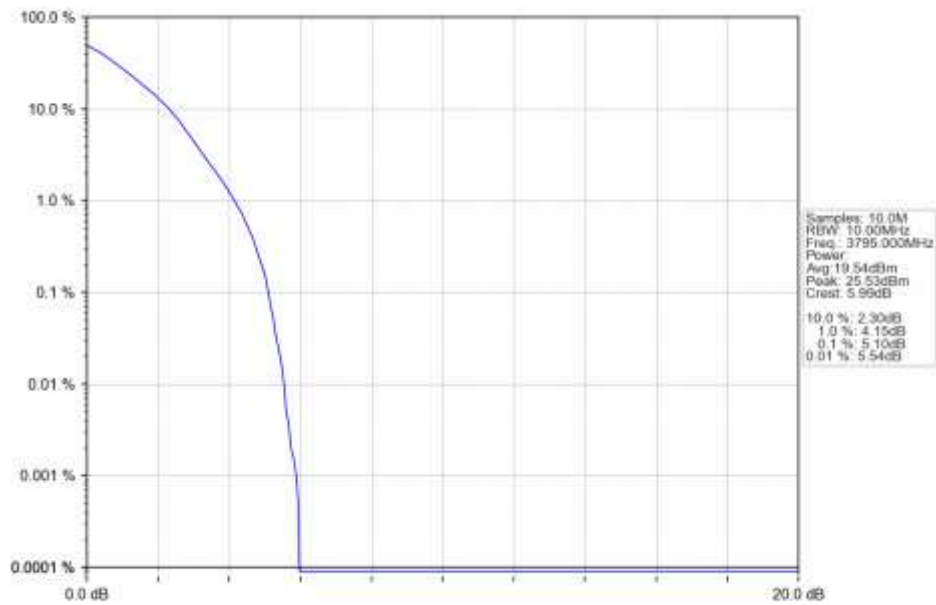
5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	7.41	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	7.48	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	7.54	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	7.78	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer_Full	8.11	/	/	<=13	Pass
CP-OFDM 16 QAM	3750	Outer_Full	8.26	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer_Full	7.99	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.08	/	/	<=13	Pass

5.2 Test Graph

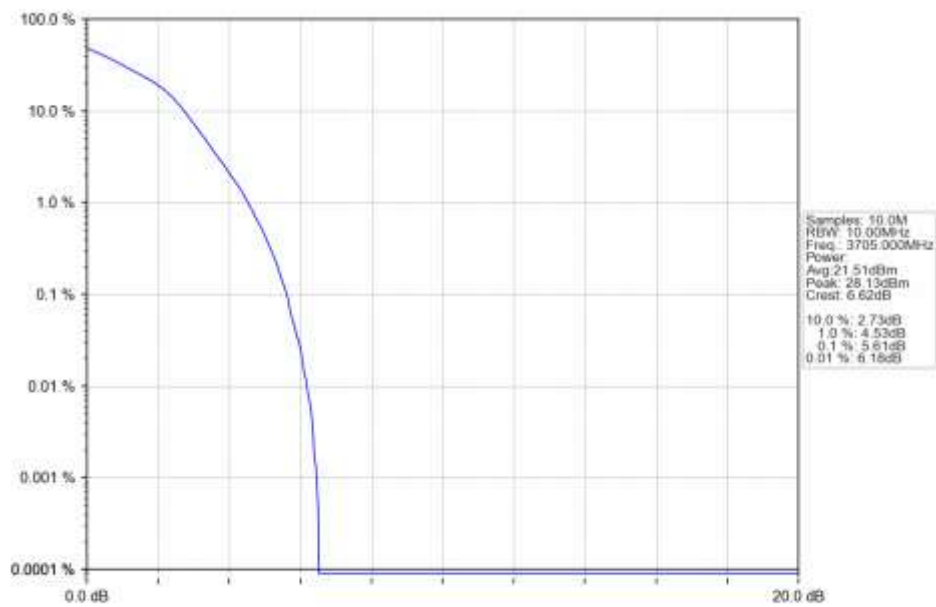
5.2.1 15k_SISO_10MHz_NTNV



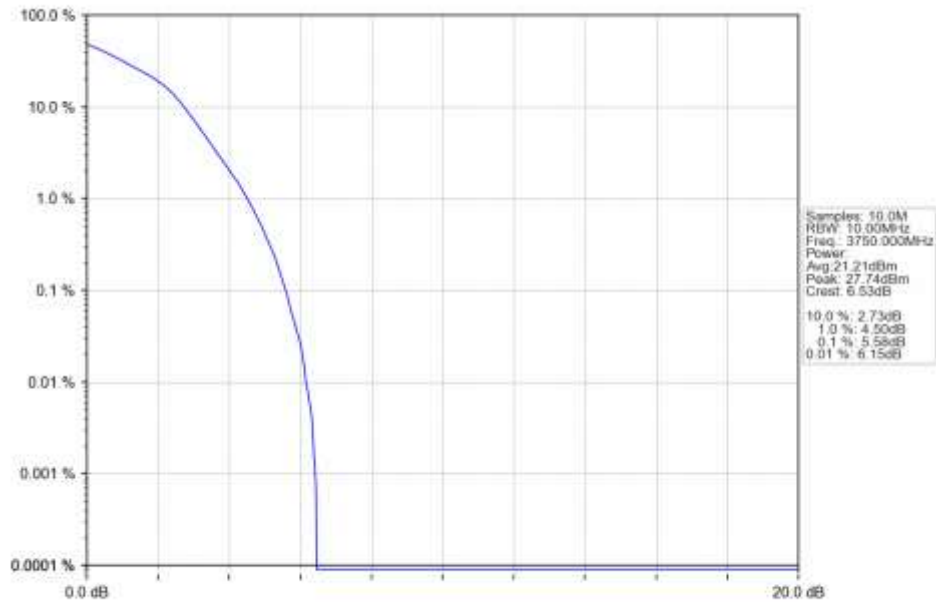
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3795MHz Outer Full Ant1



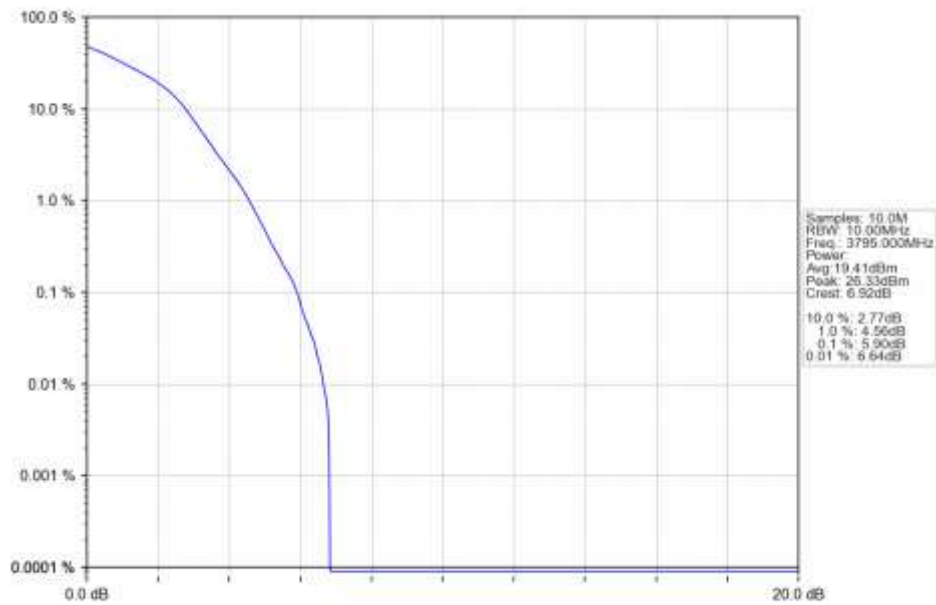
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3705MHz Outer Full Ant1



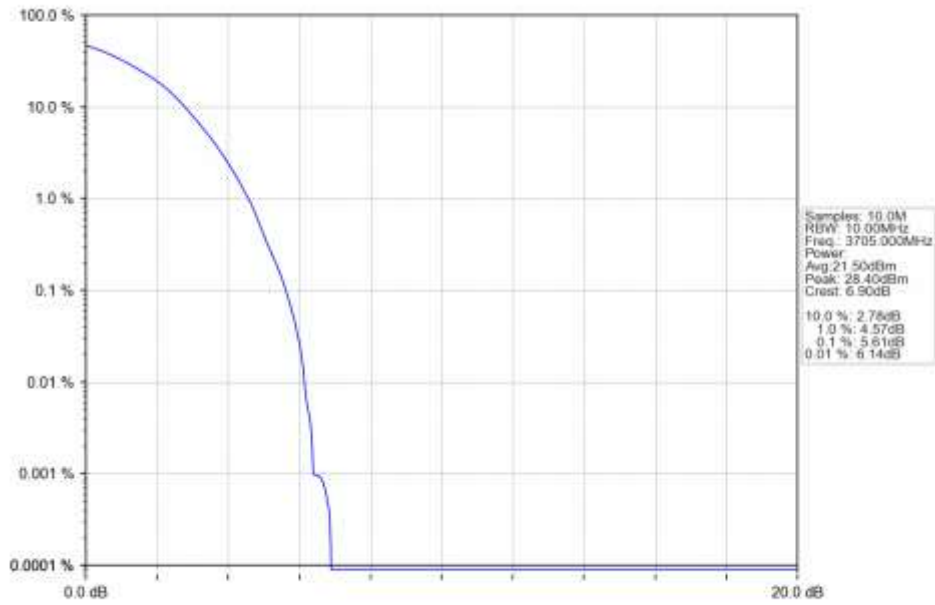
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



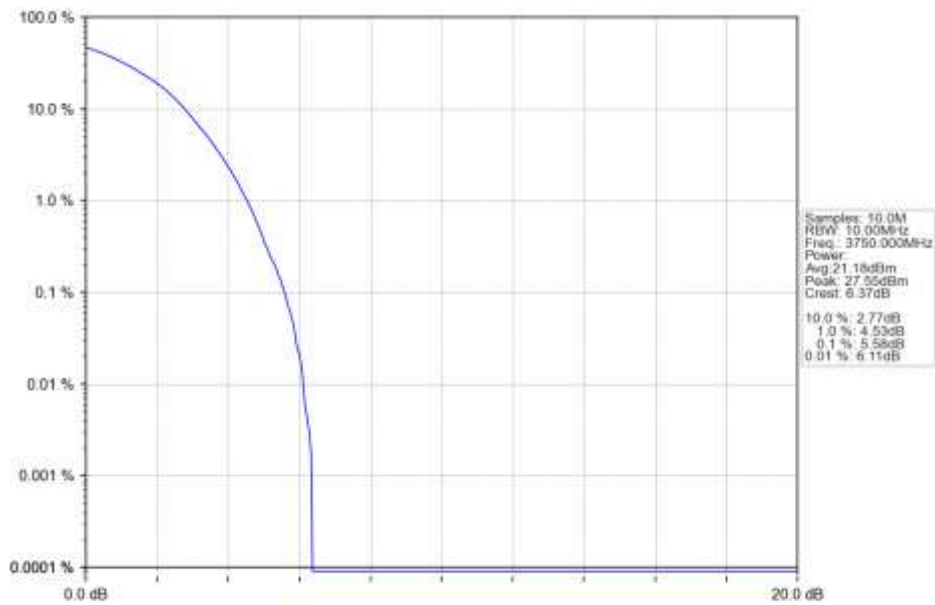
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3795MHz Outer Full Ant1



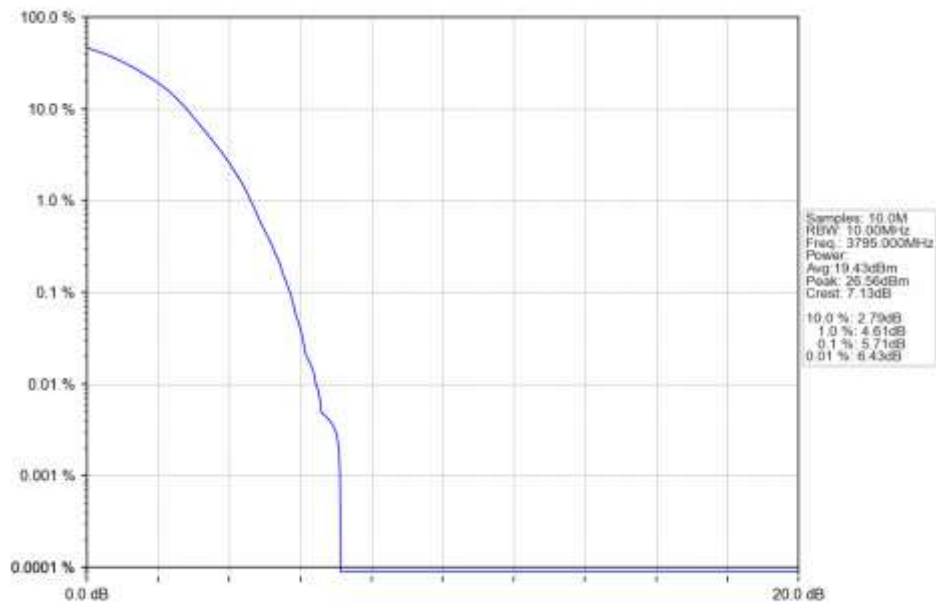
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3705MHz Outer Full Ant1



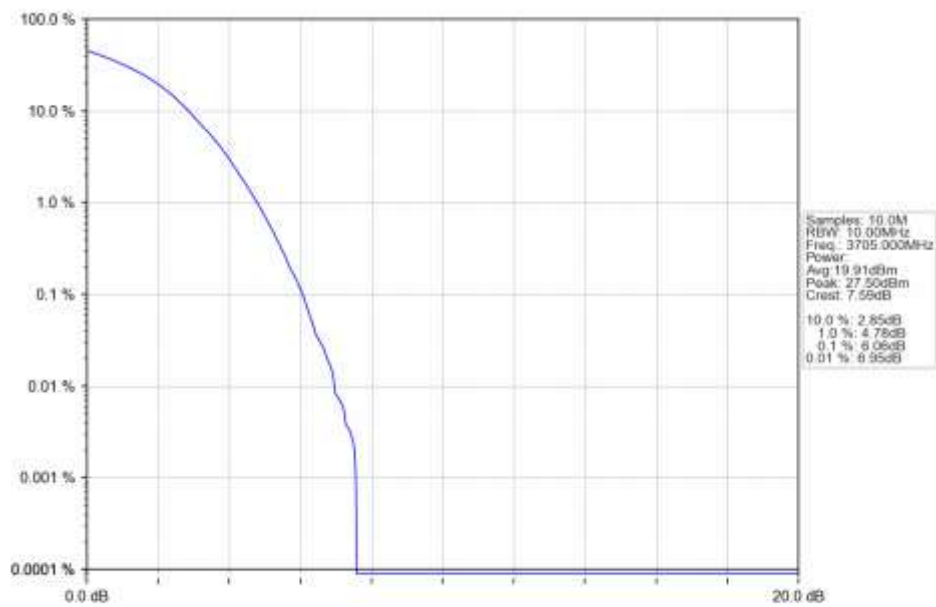
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



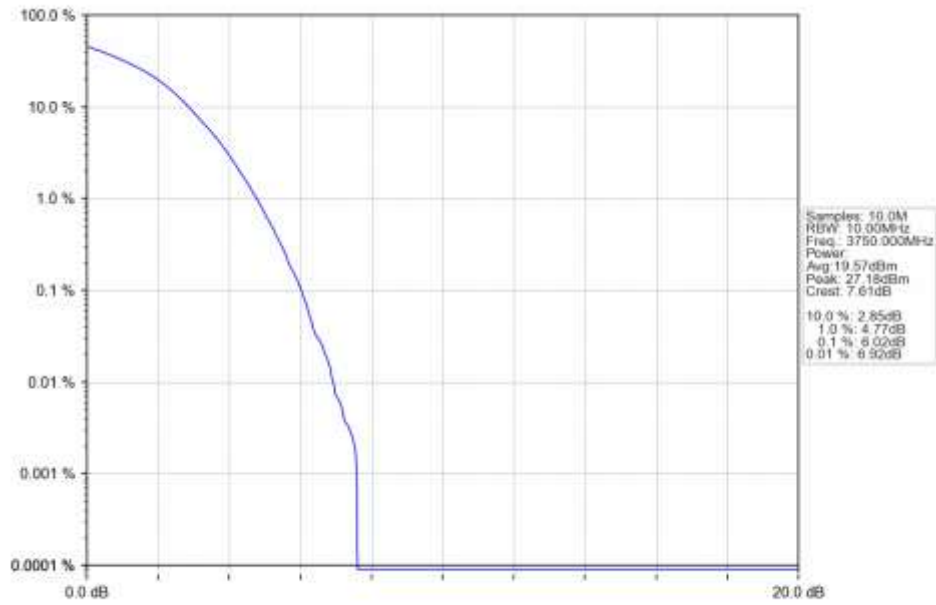
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3795MHz Outer Full Ant1



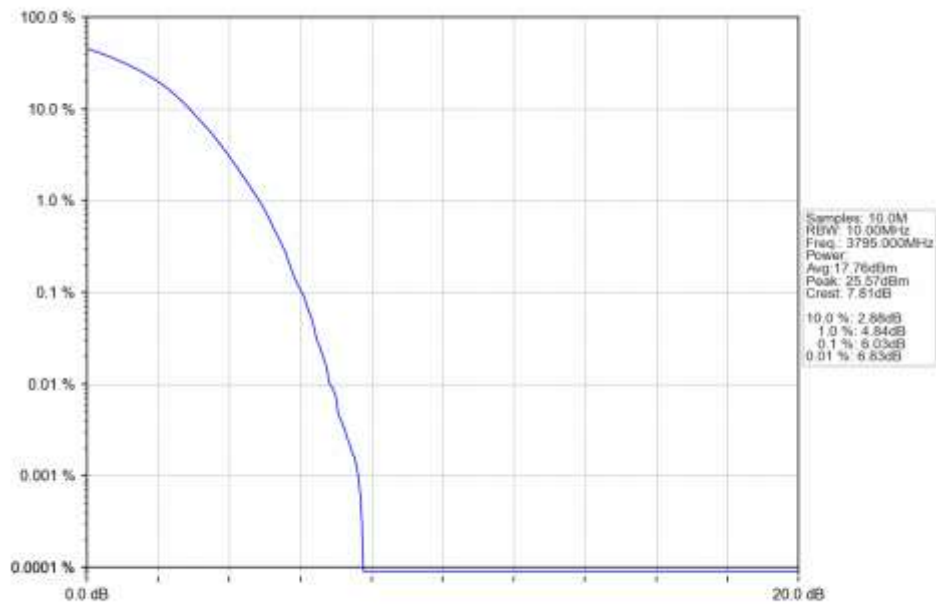
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3705MHz Outer Full Ant1



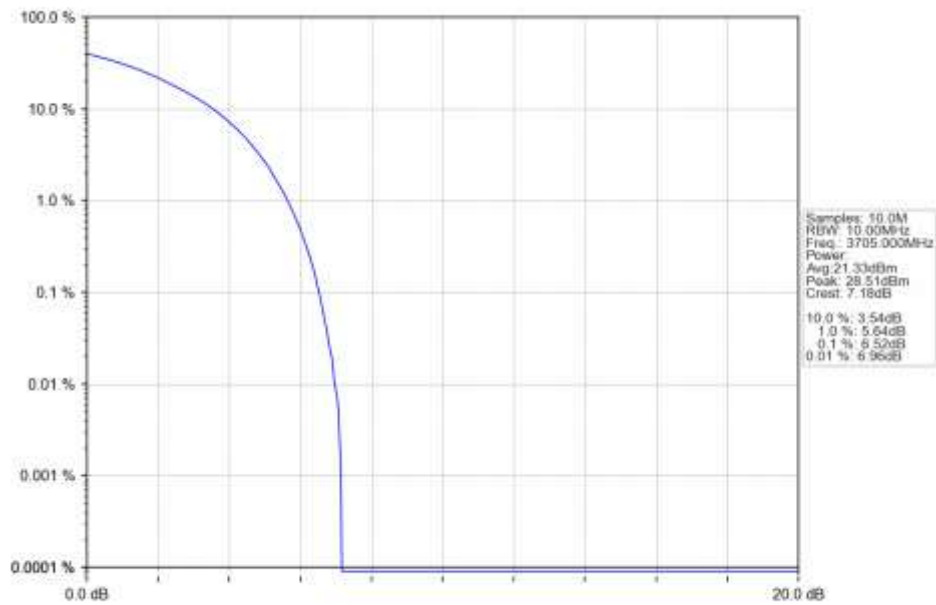
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



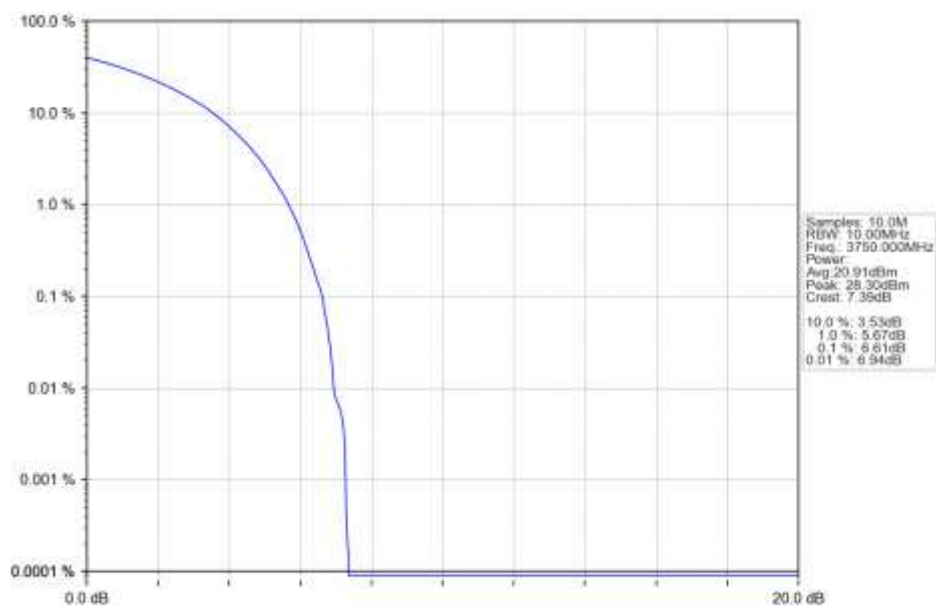
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3795MHz Outer Full Ant1



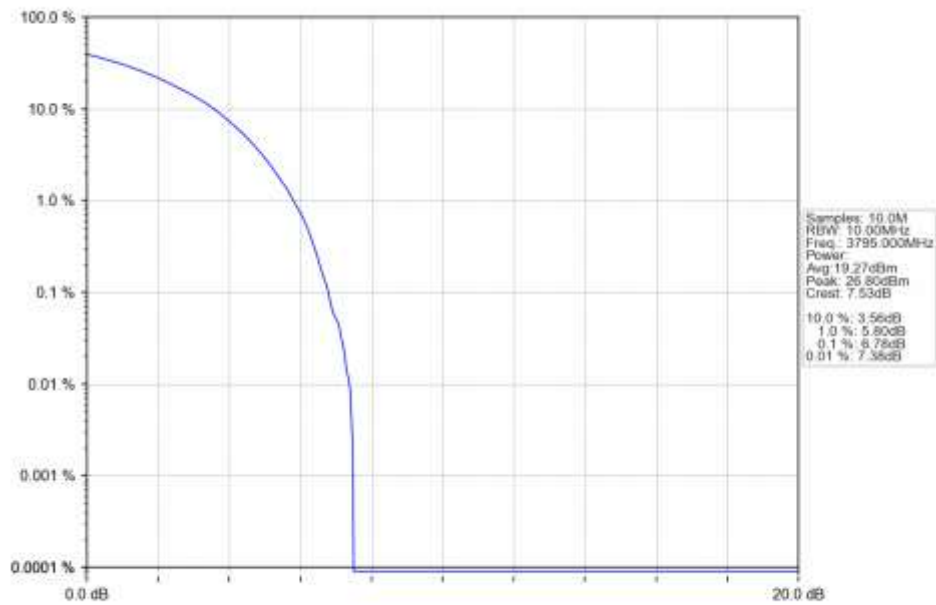
n78a 15kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer Full Ant1



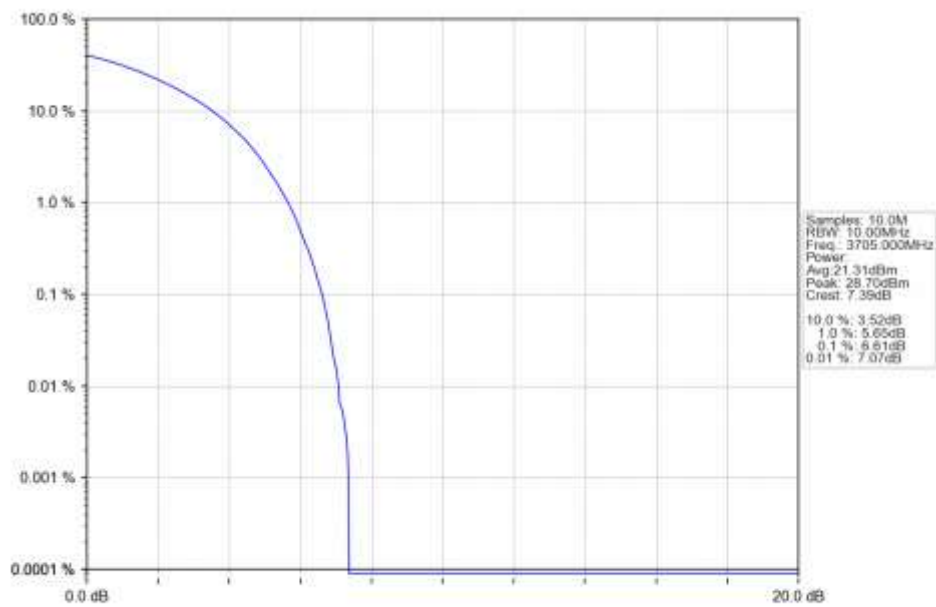
n78a 15kHz SISO NTN 10MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



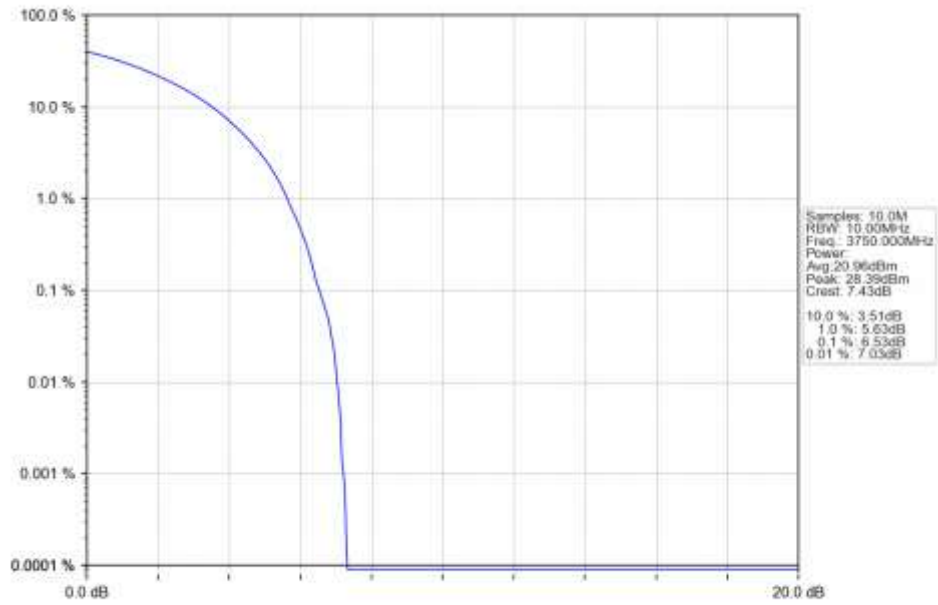
n78a 15kHz SISO NTN 10MHz CP-OFDM QPSK 3795MHz Outer Full Ant1



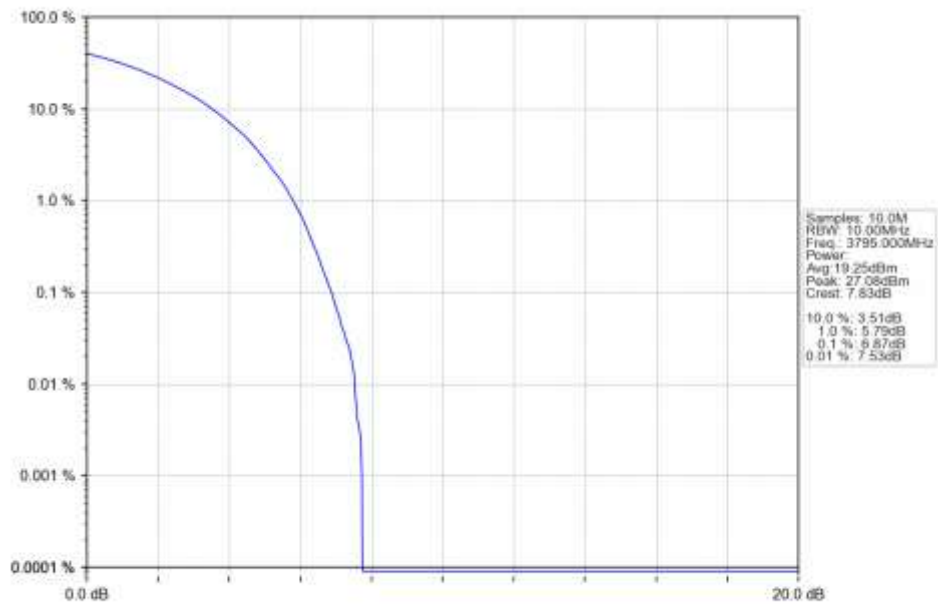
n78a 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 3705MHz Outer Full Ant1



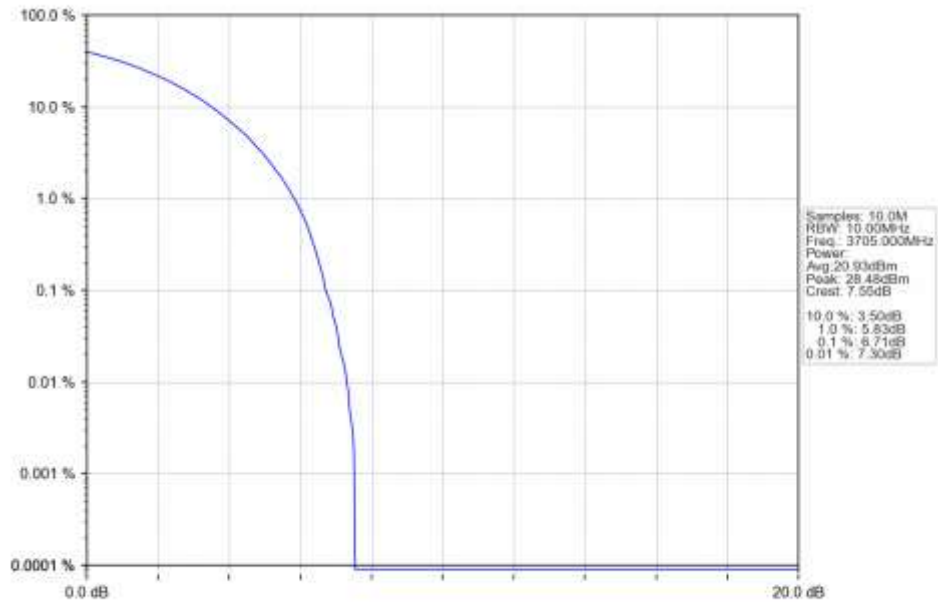
n78a 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



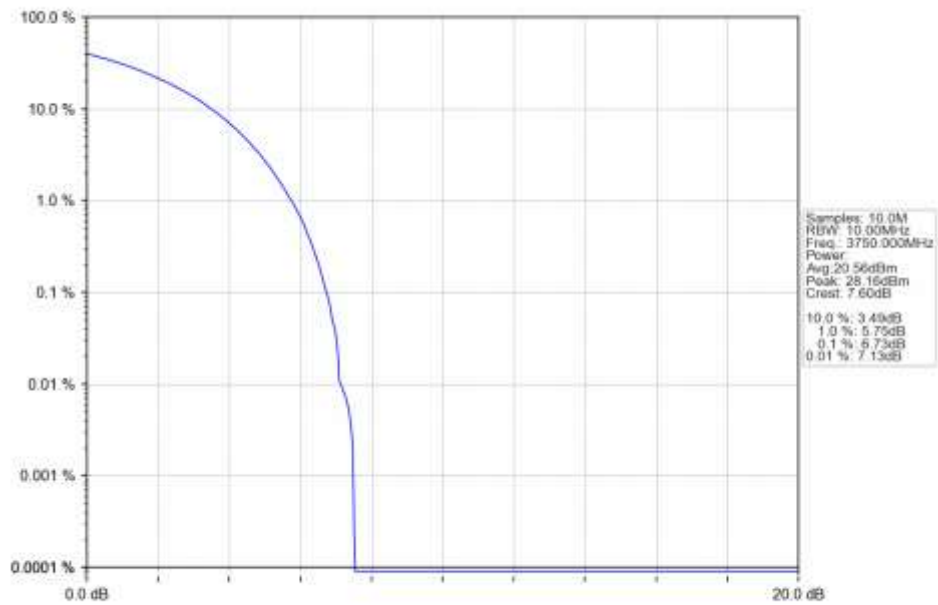
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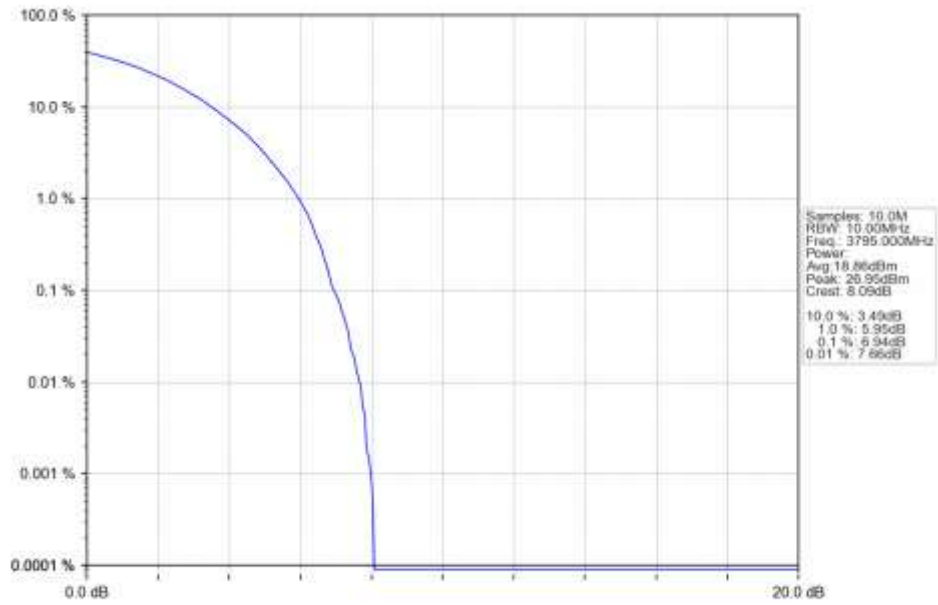
n78a 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 3705MHz Outer Full Ant1



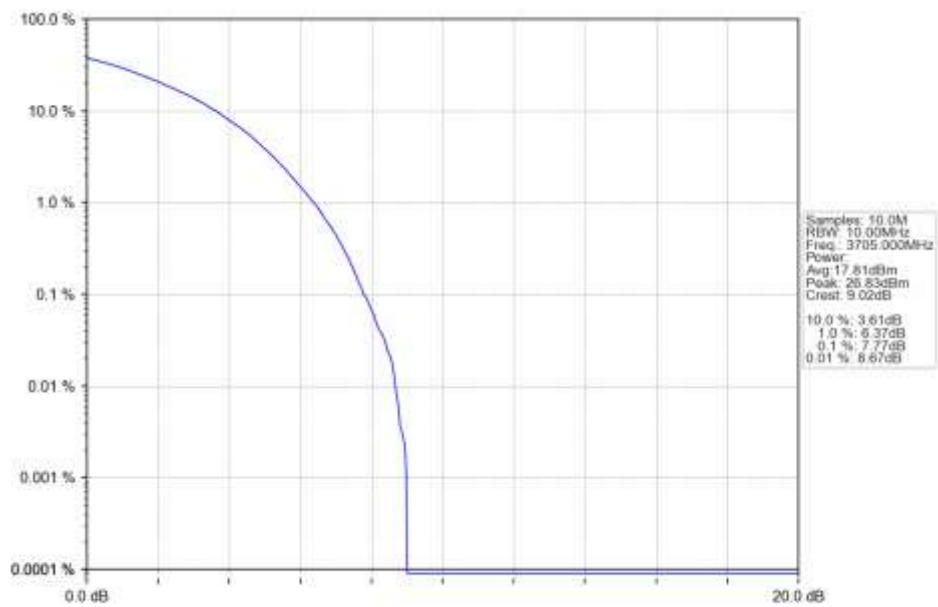
n78a 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



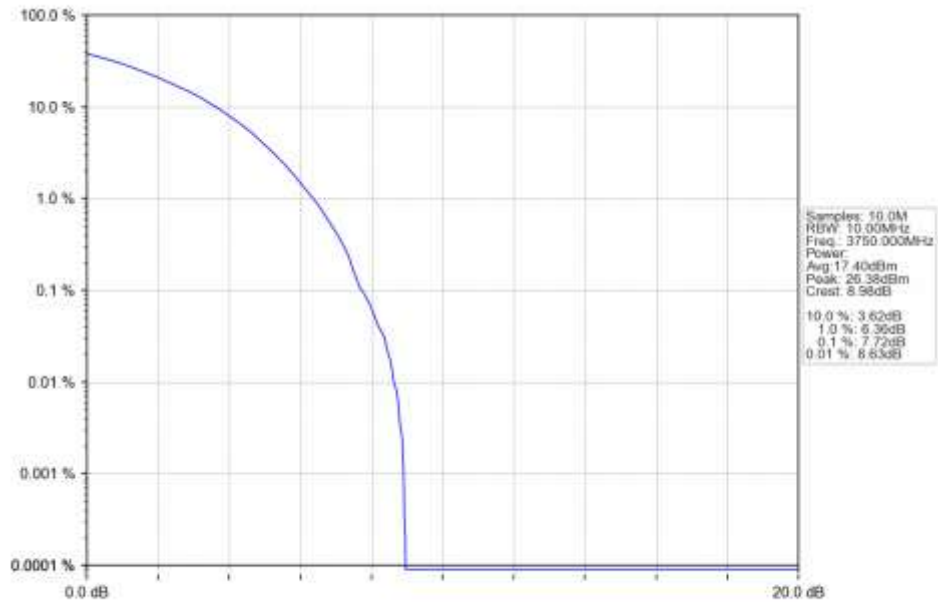
n78a 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 3795MHz Outer Full Ant1



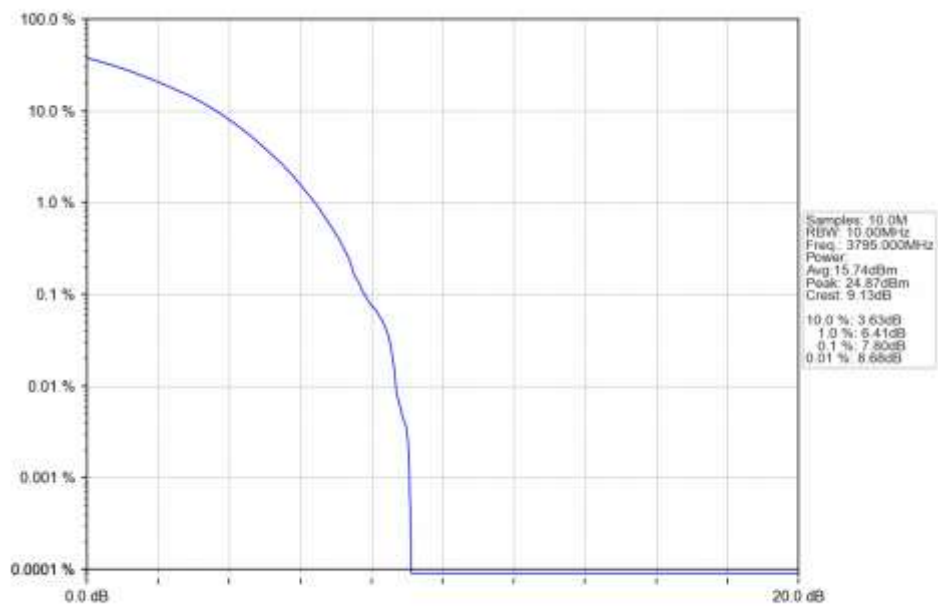
n78a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 3705MHz Outer Full Ant1



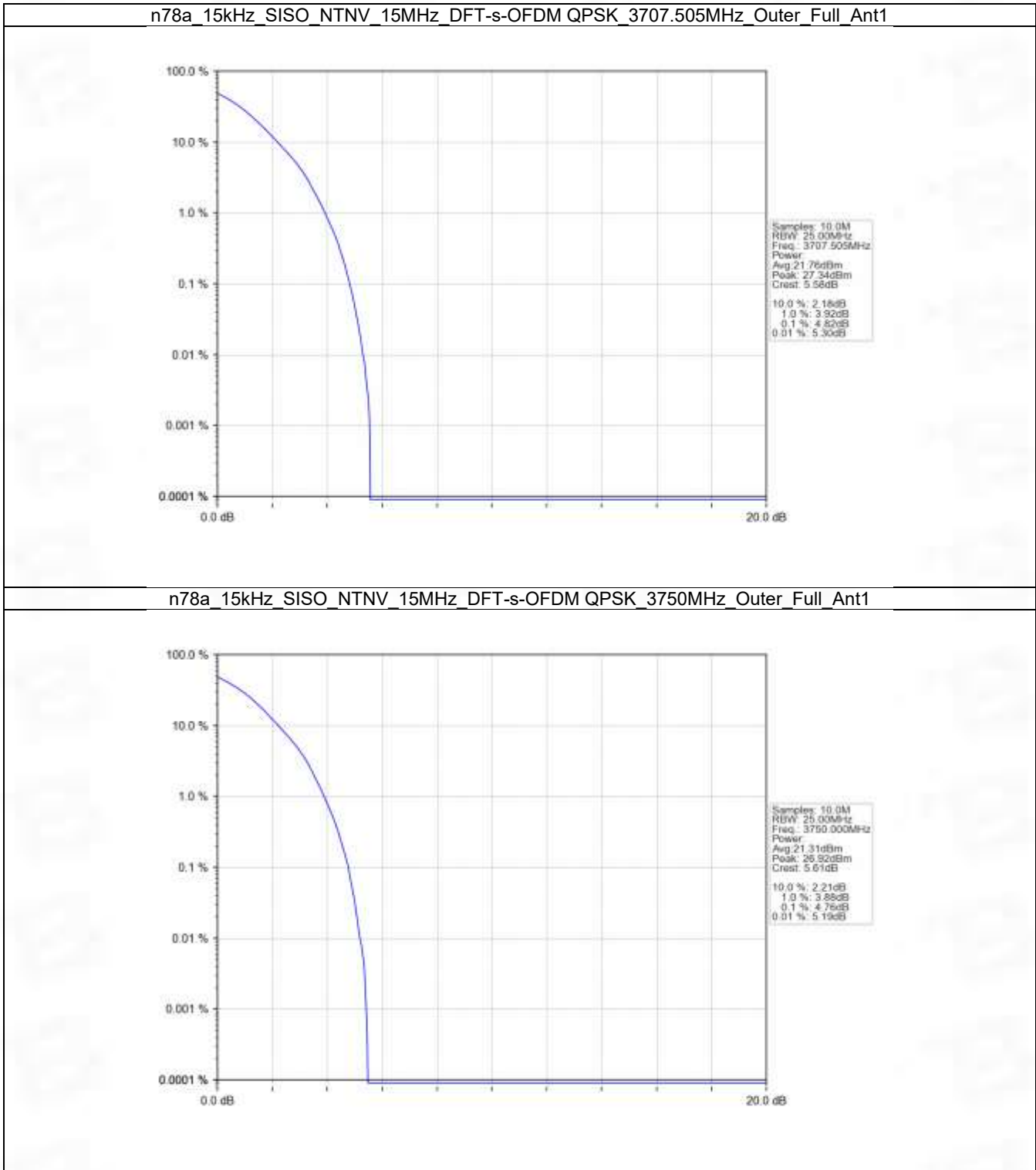
n78a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1



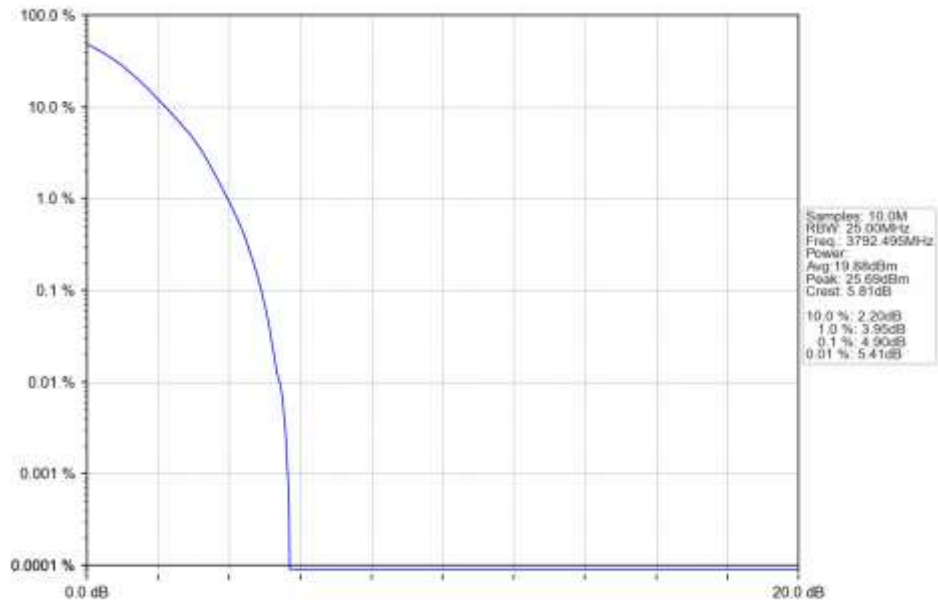
n78a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 3795MHz Outer Full Ant1



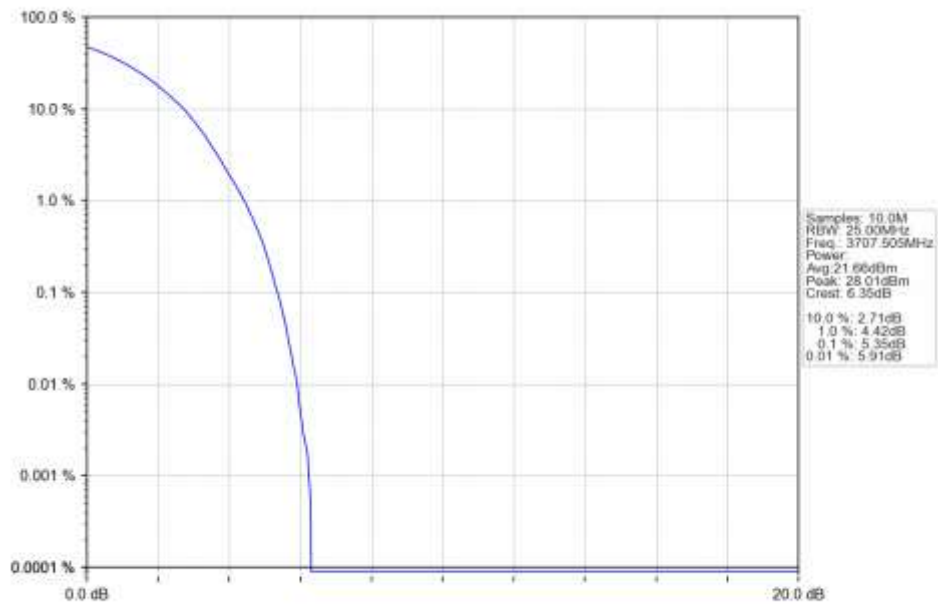
5.2.2 15k_SISO_15MHz_NTNV



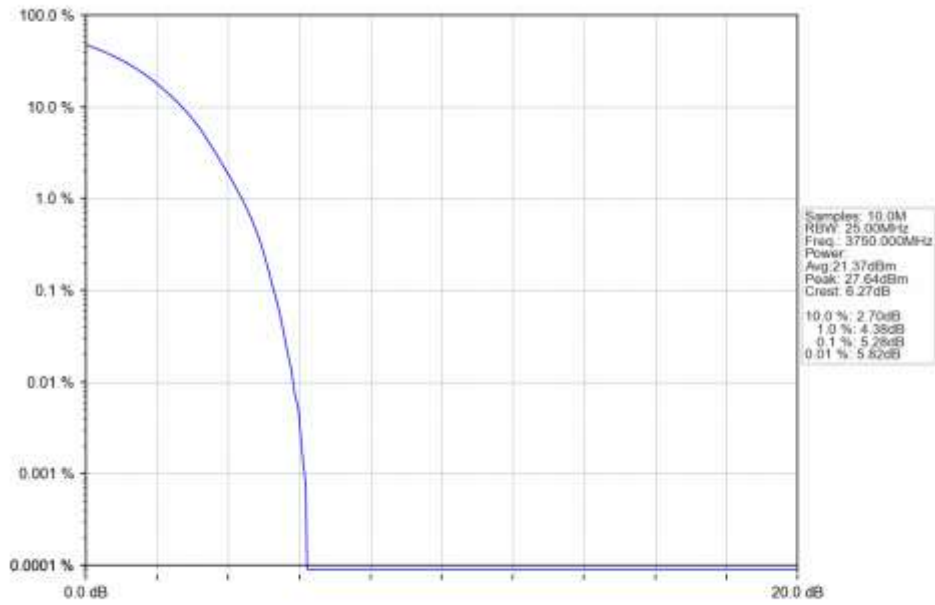
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 3792.495MHz Outer Full Ant1



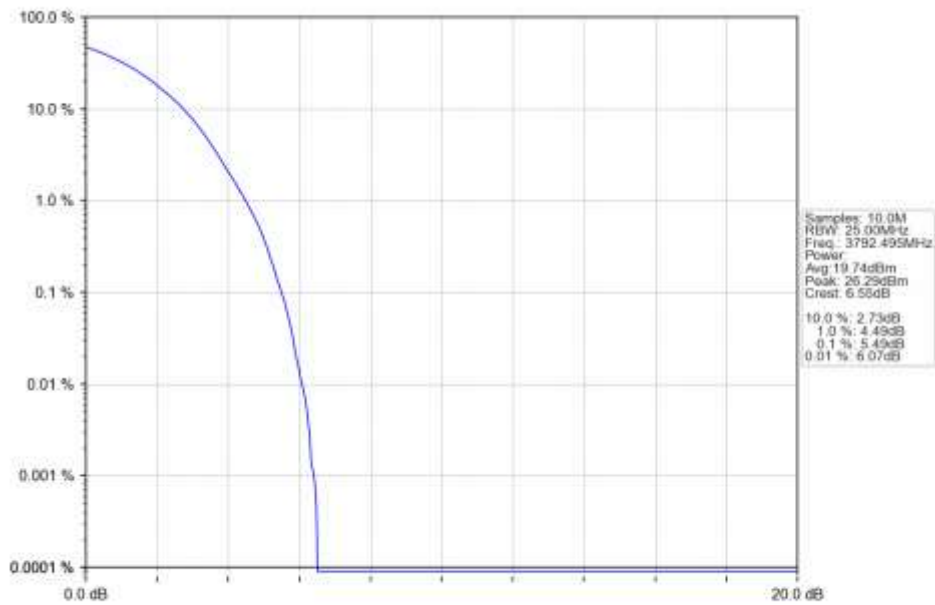
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3707.505MHz Outer Full Ant1



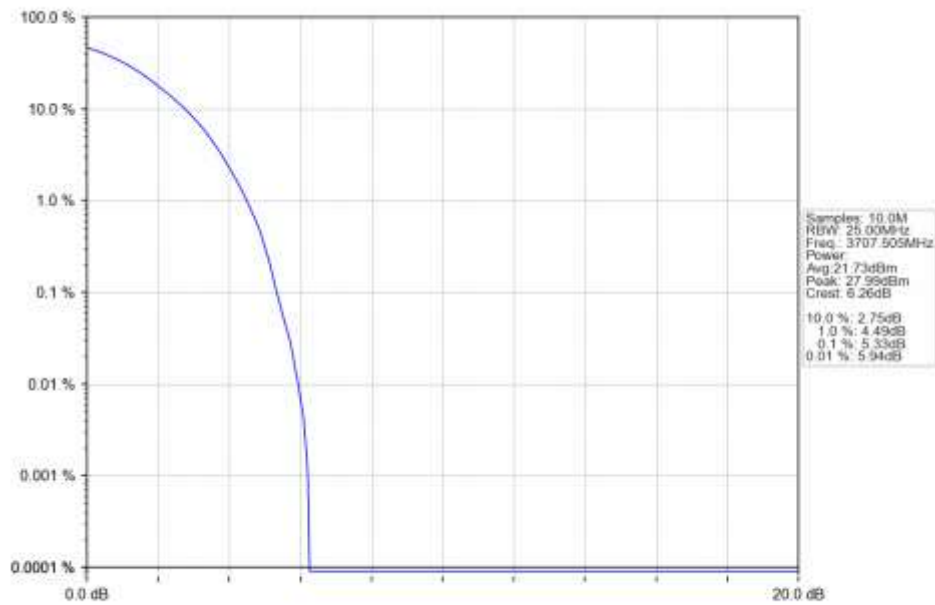
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



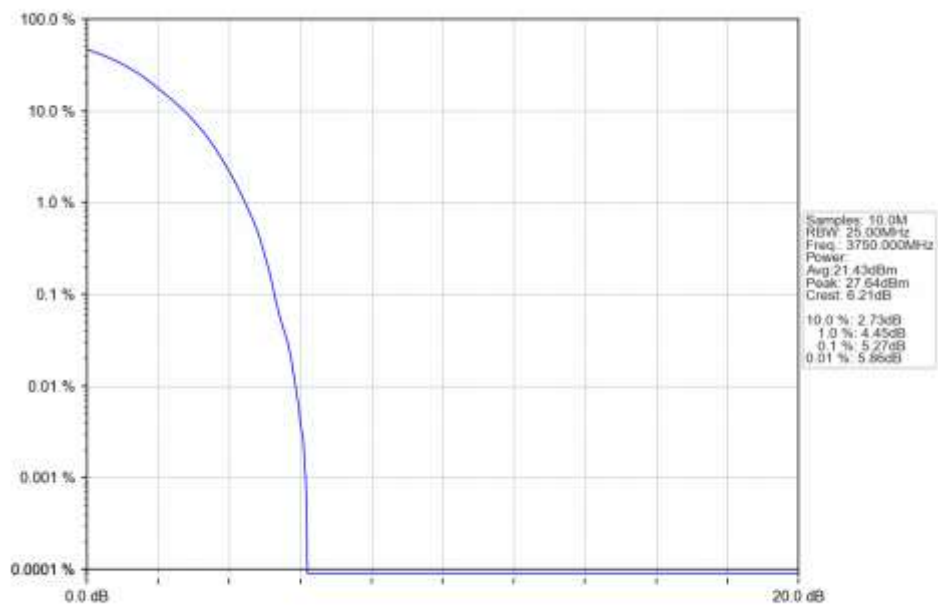
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3792.495MHz Outer Full Ant1



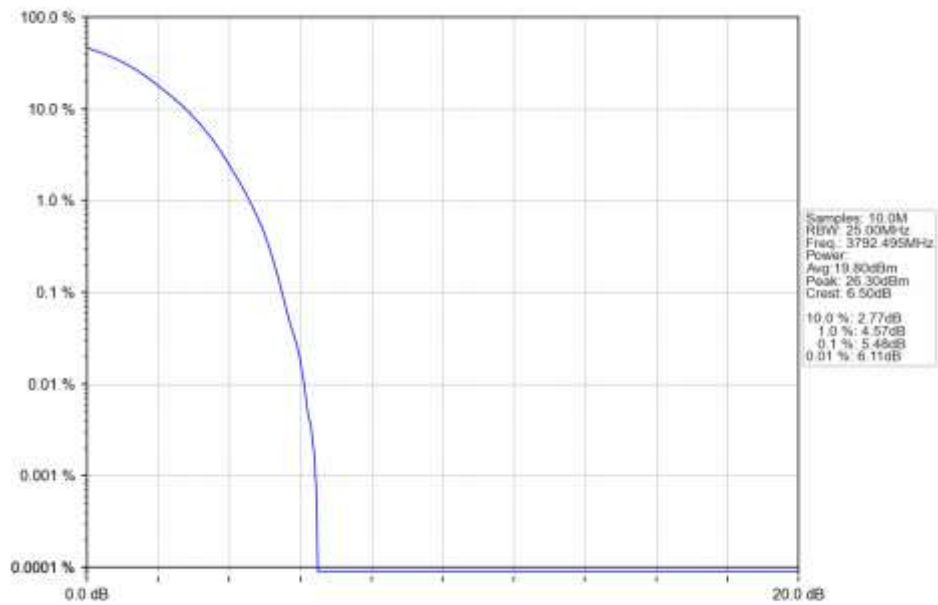
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3707.505MHz Outer Full Ant1



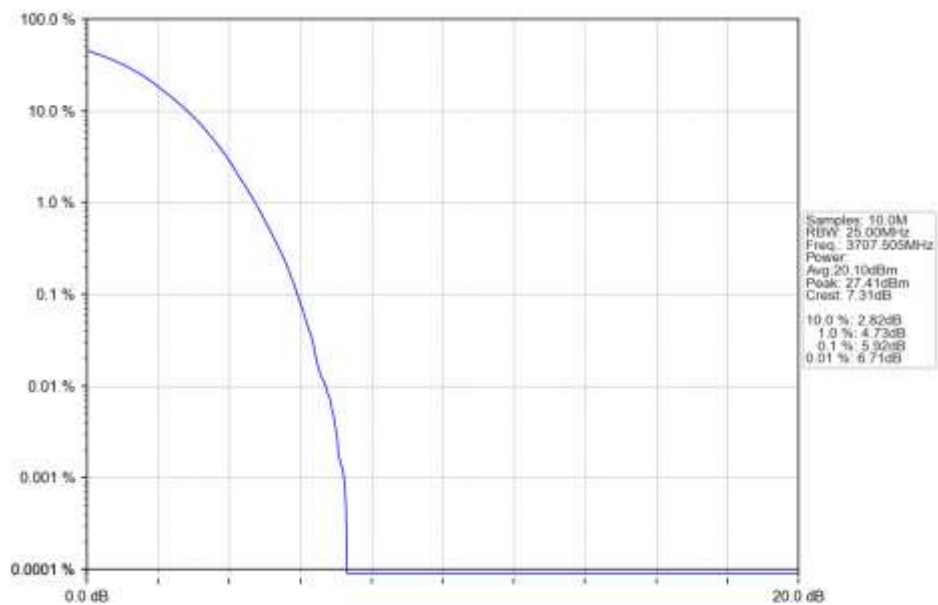
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



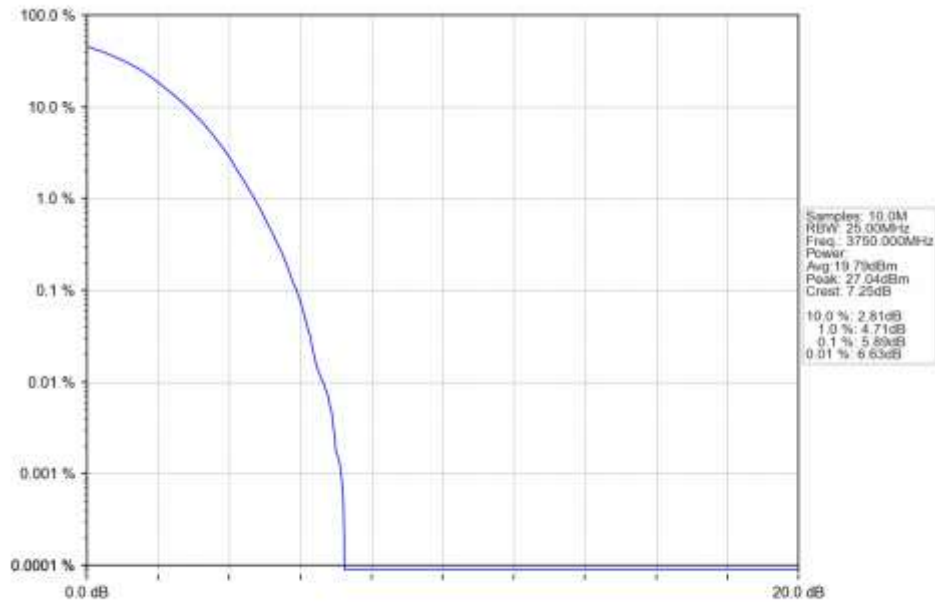
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3792.495MHz Outer Full Ant1



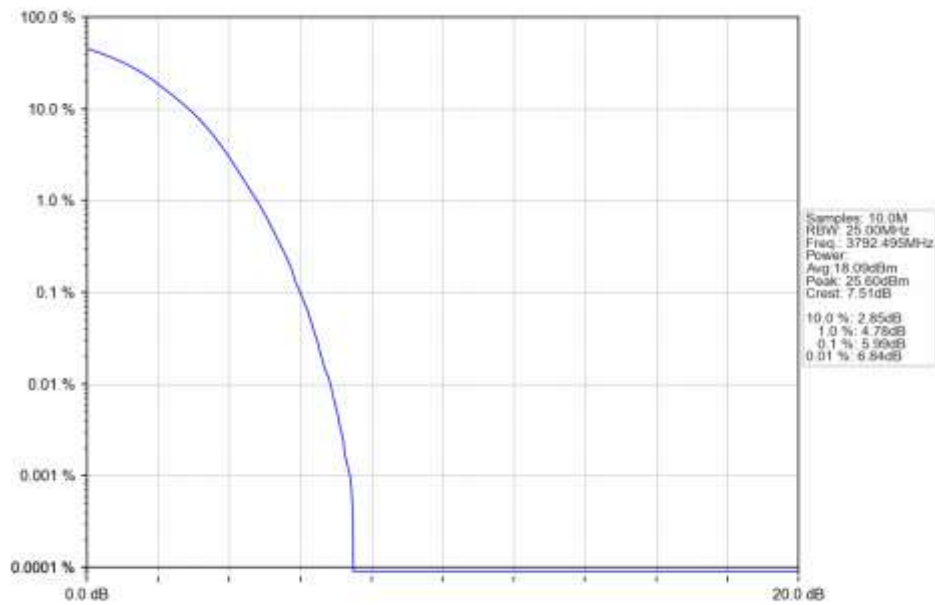
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3707.505MHz Outer Full Ant1



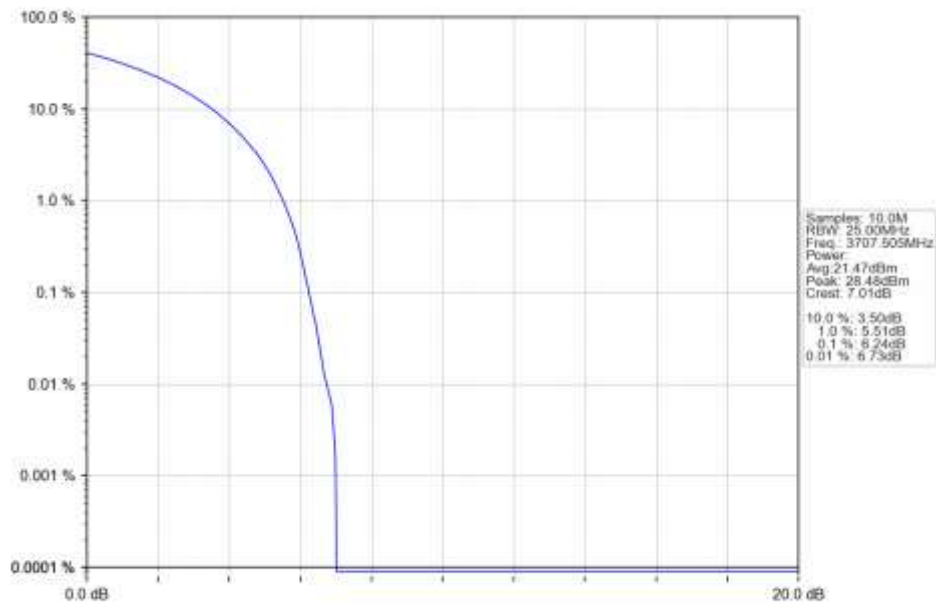
n78a 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



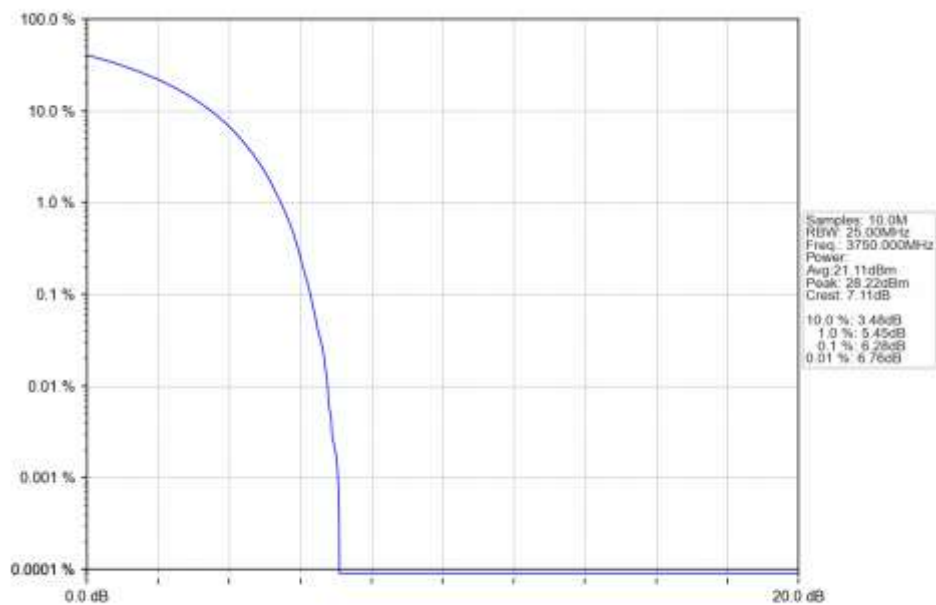
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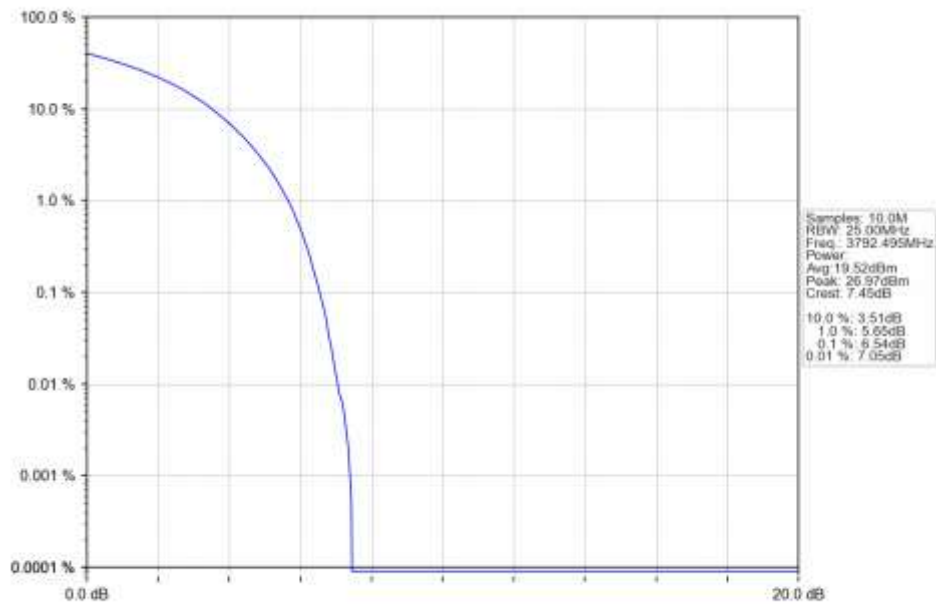
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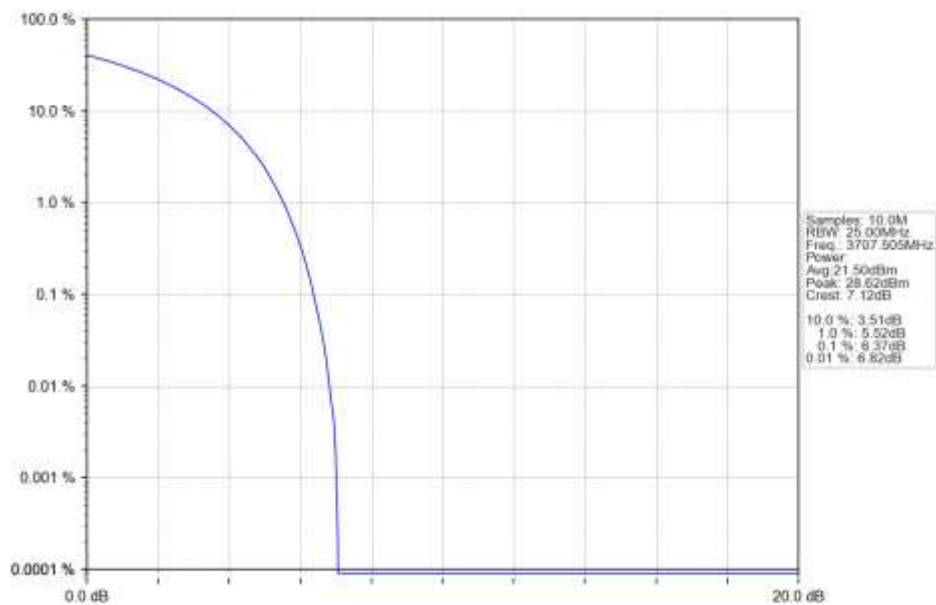
n78a 15kHz SISO NTN 15MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



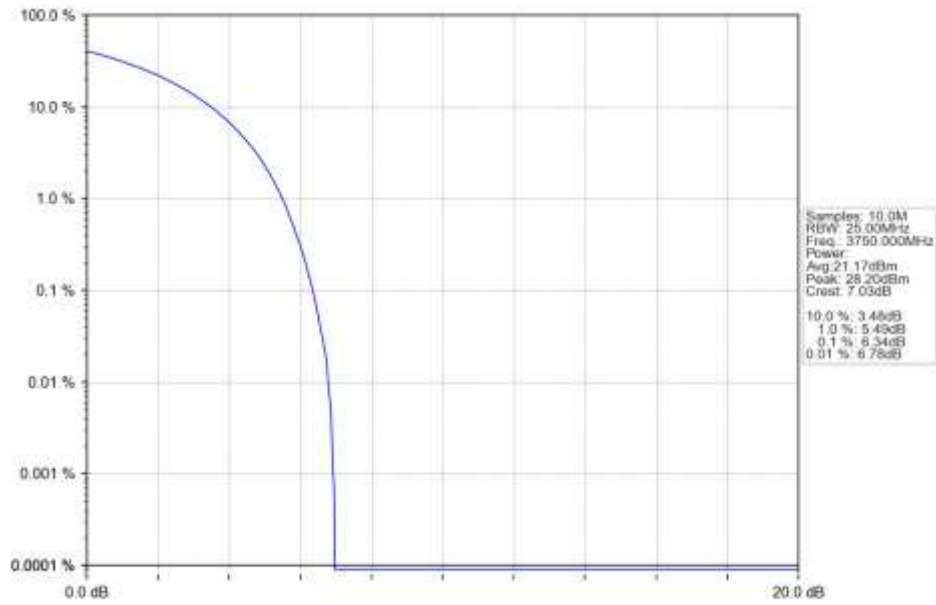
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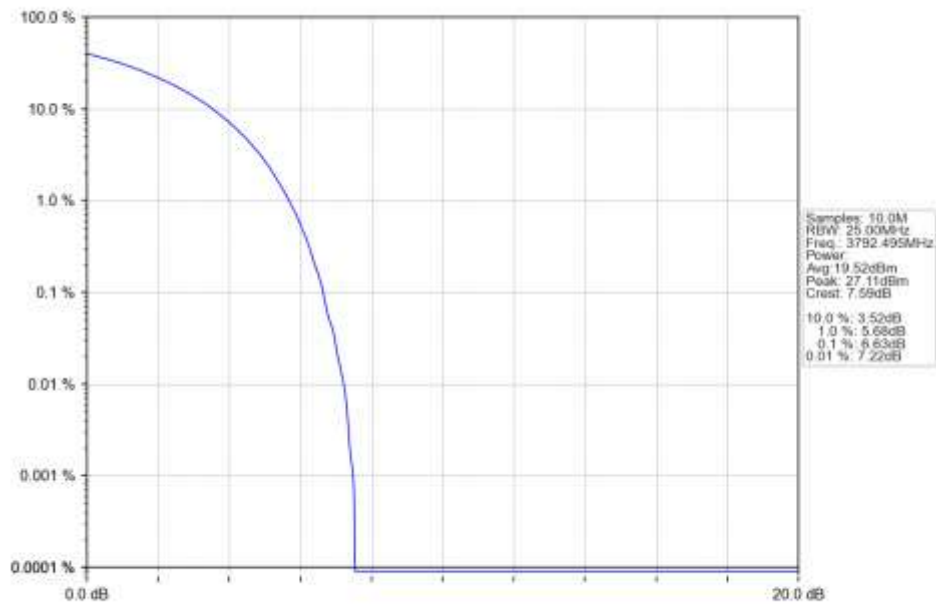
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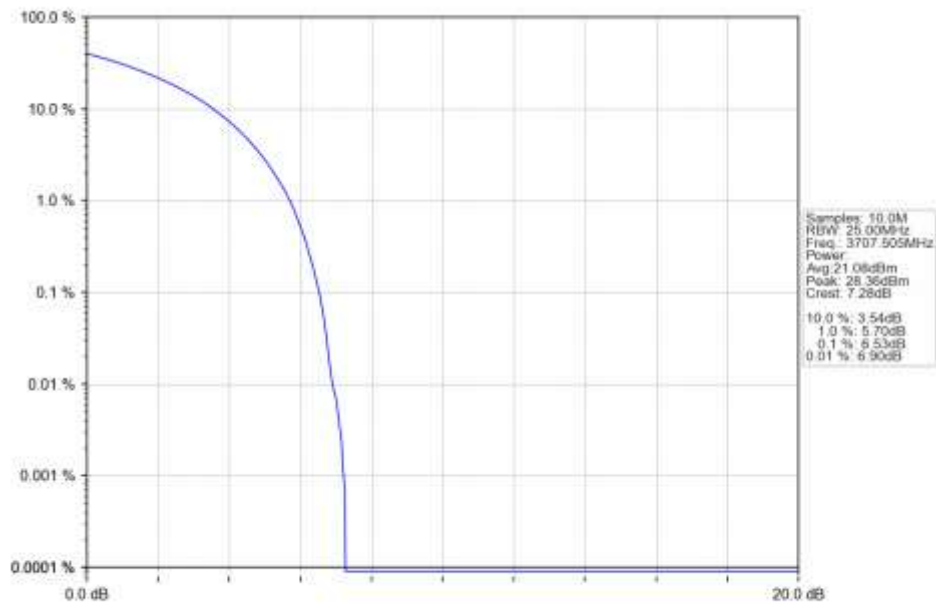
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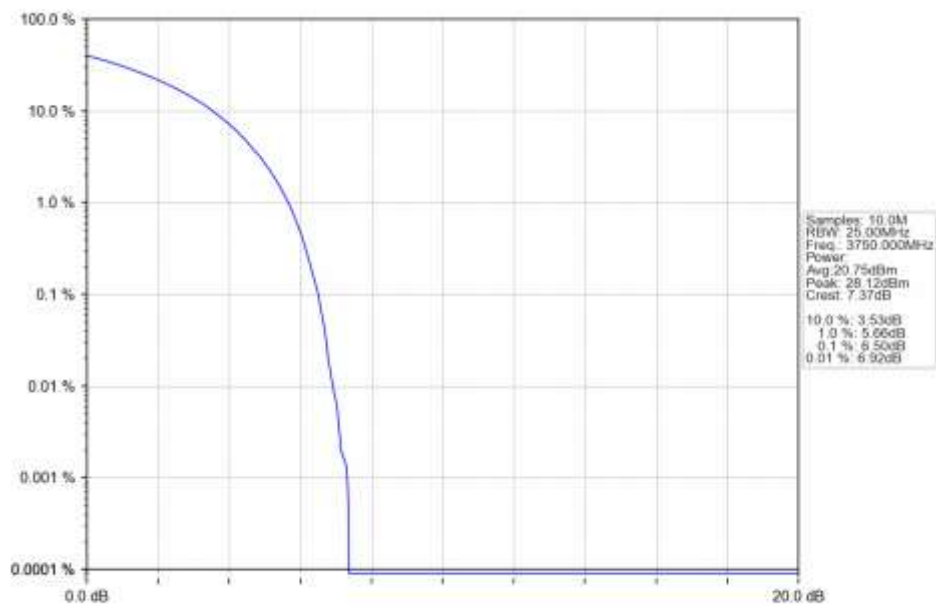
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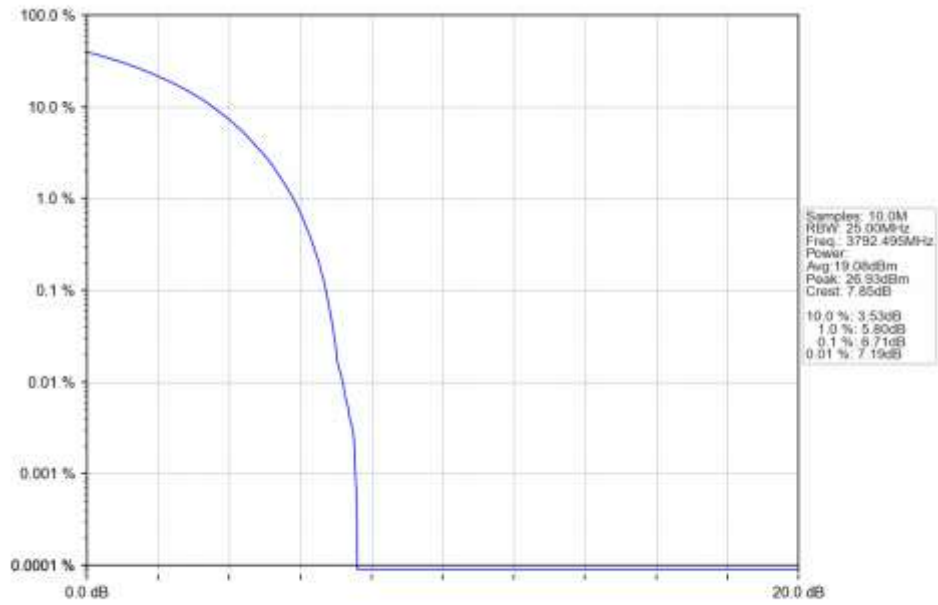
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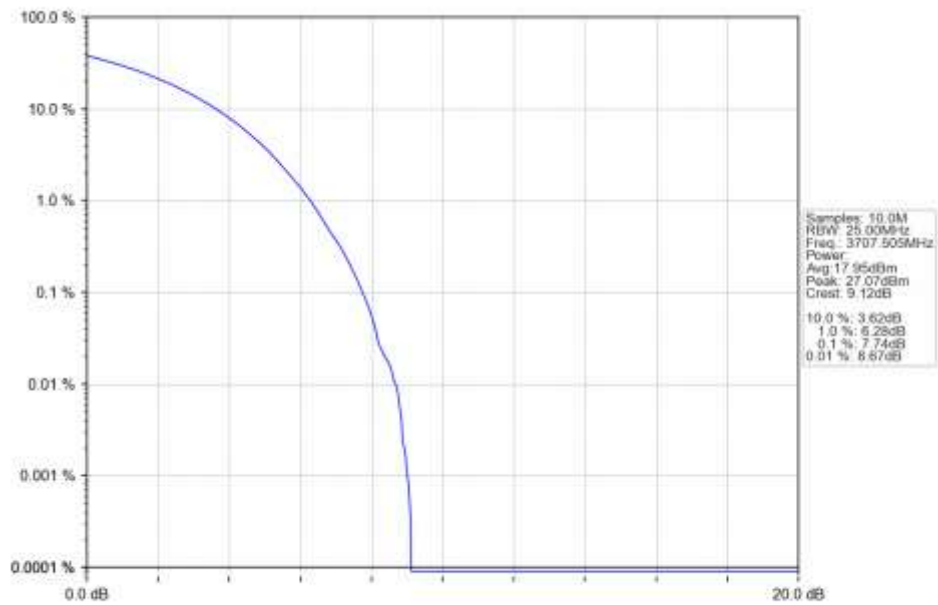
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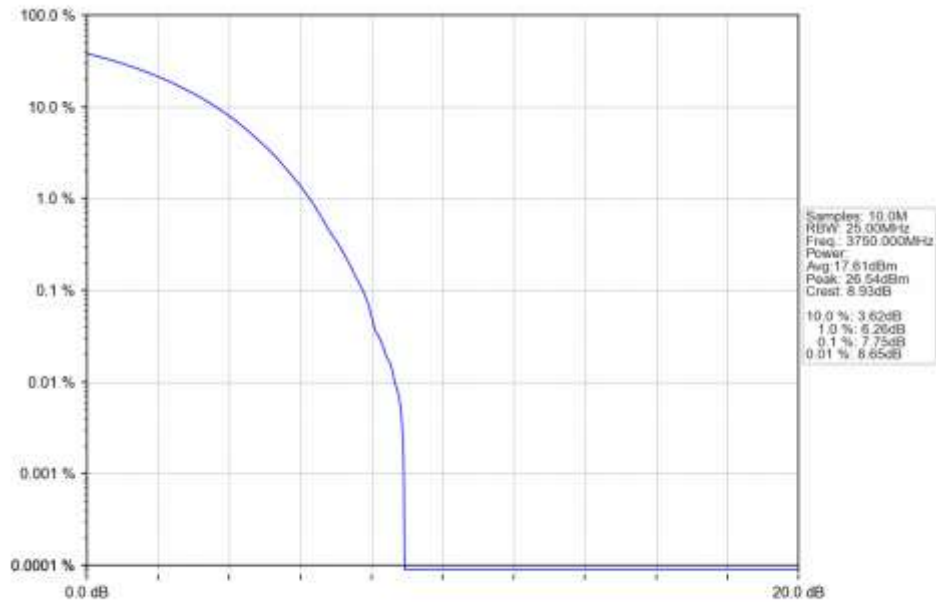
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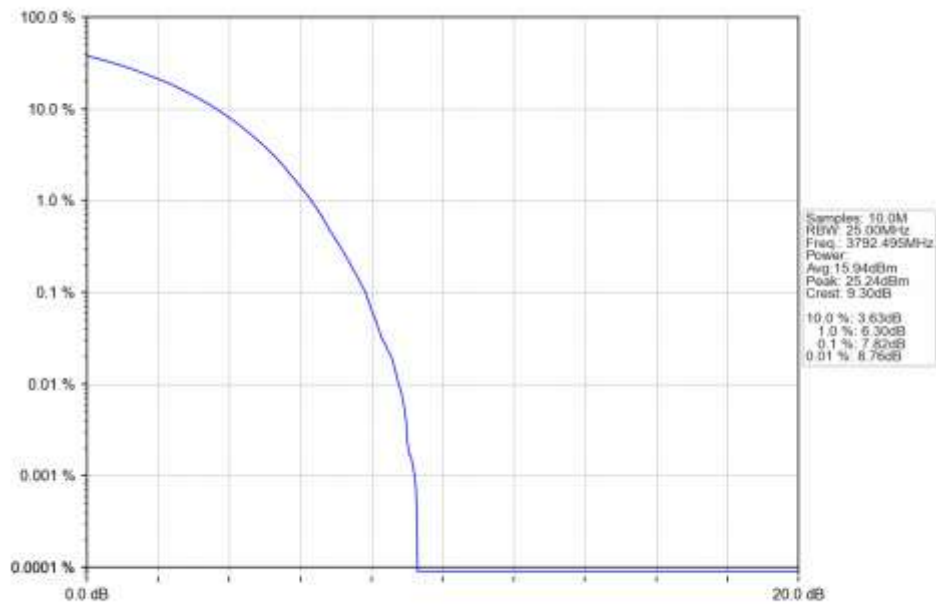
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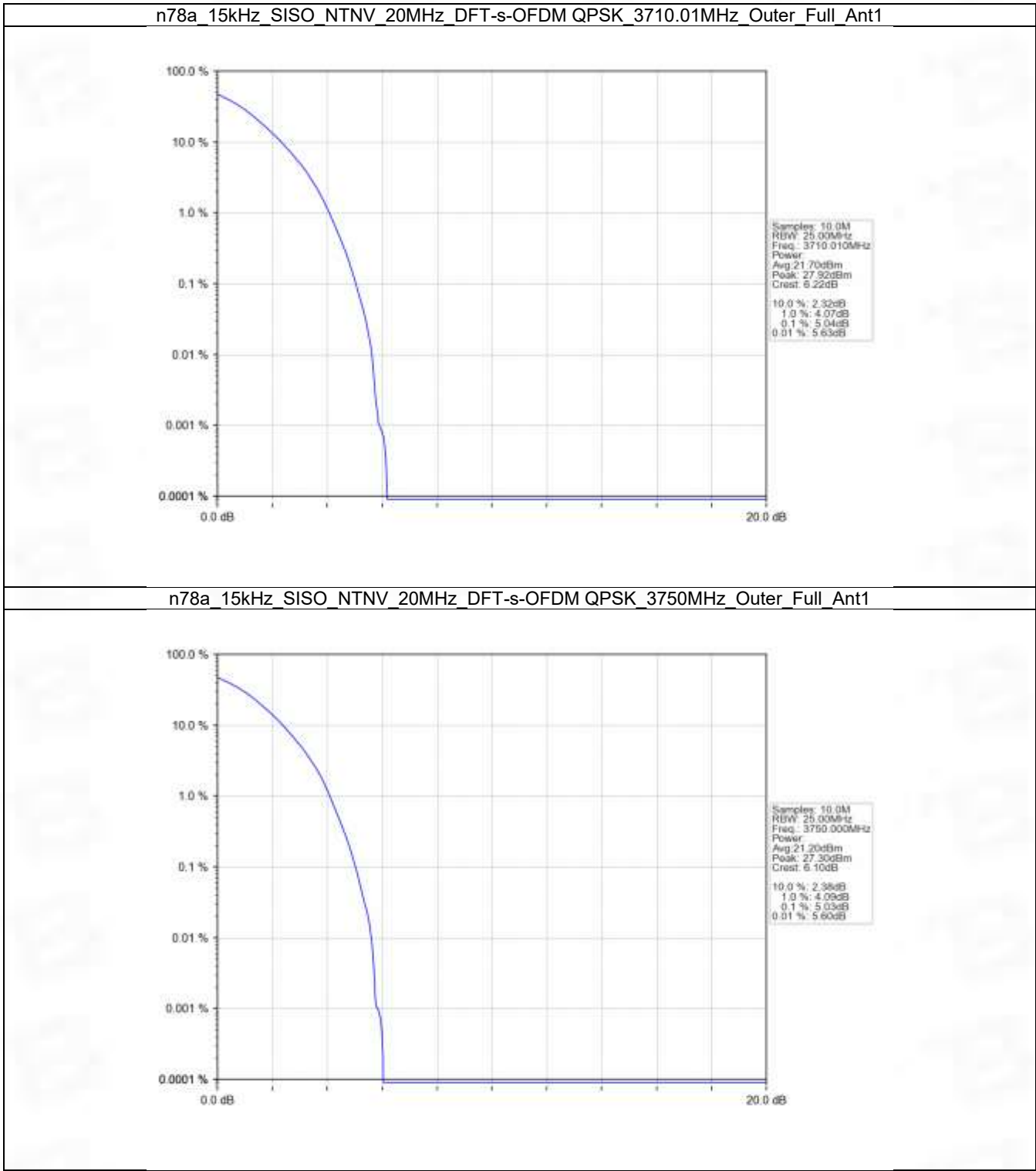
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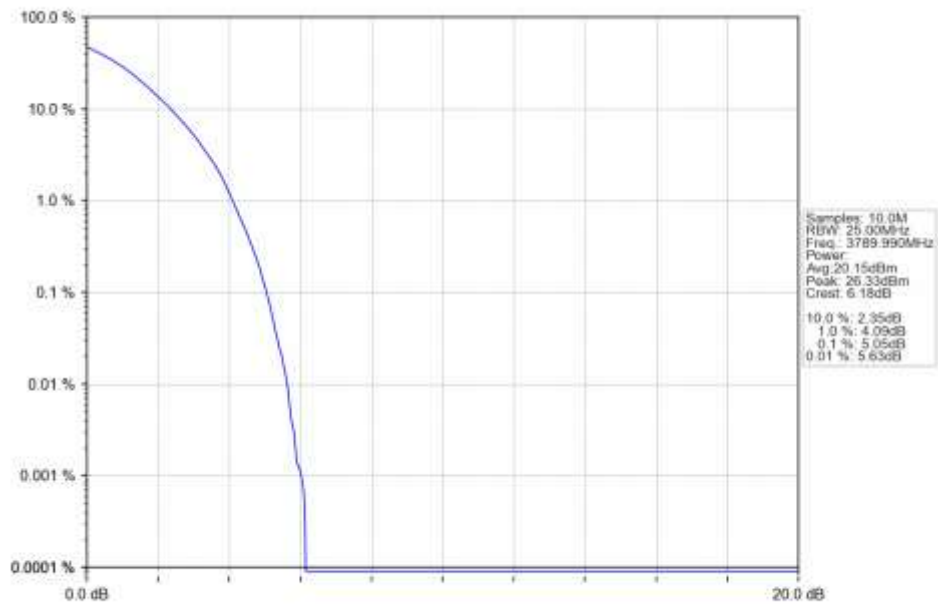
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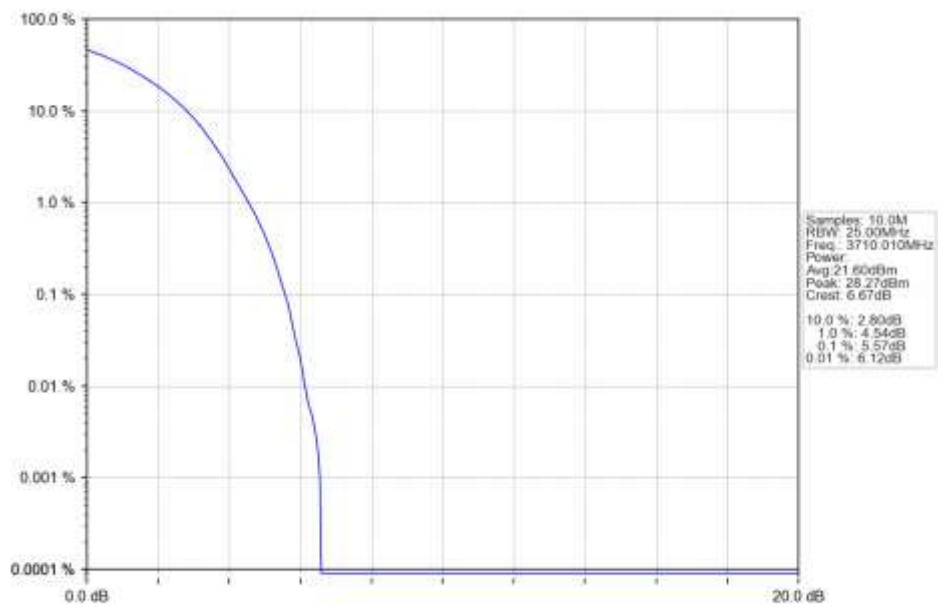
5.2.3 15k_SISO_20MHz_NTNV



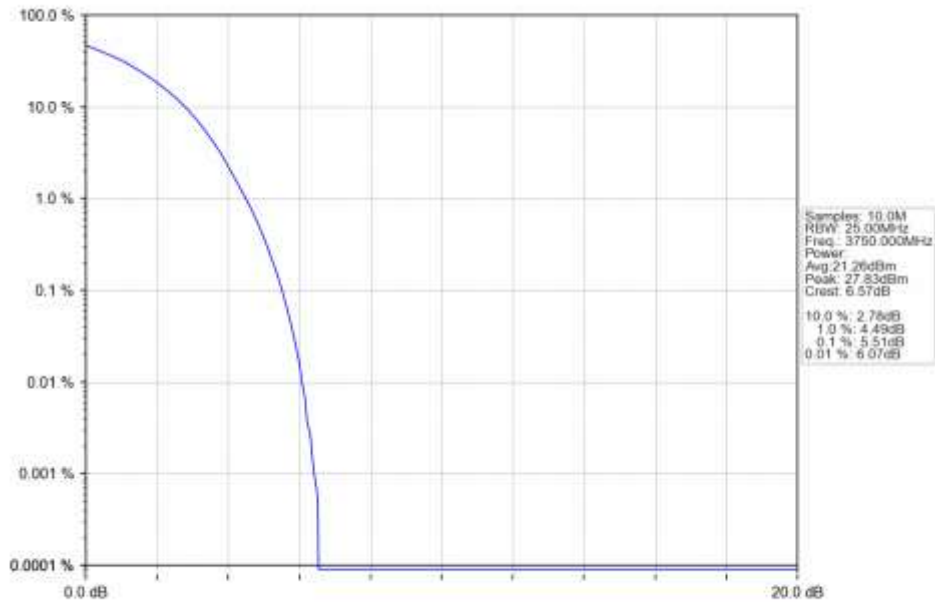
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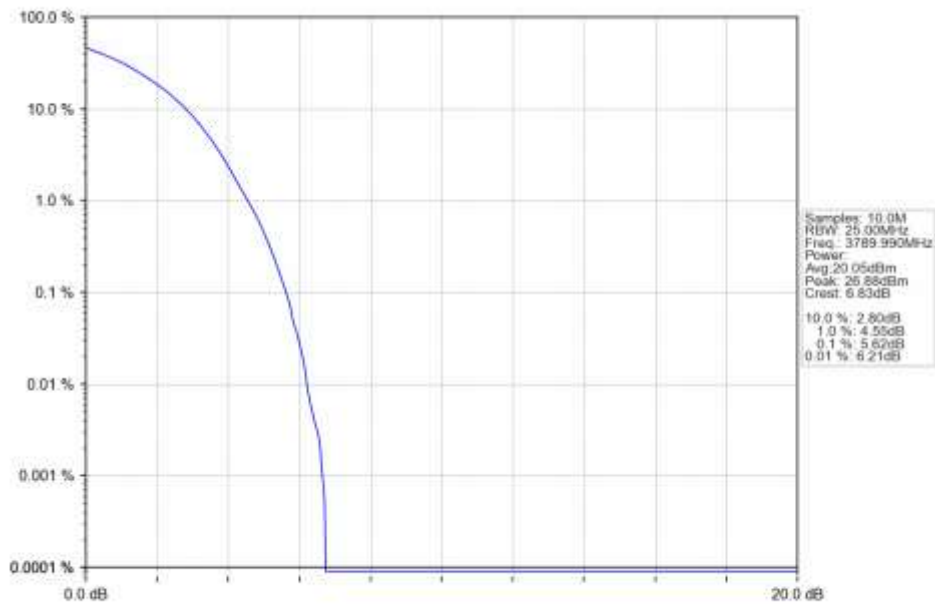
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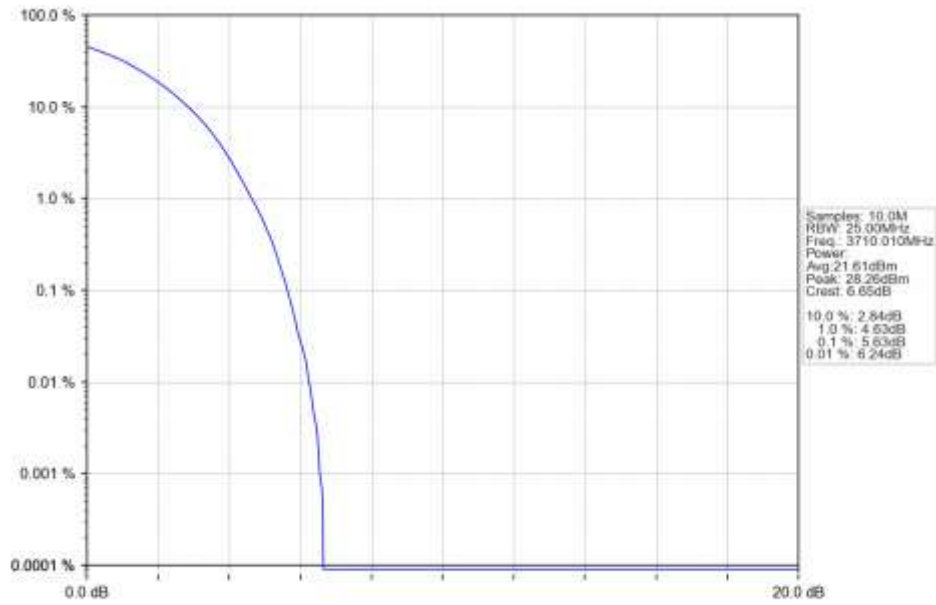
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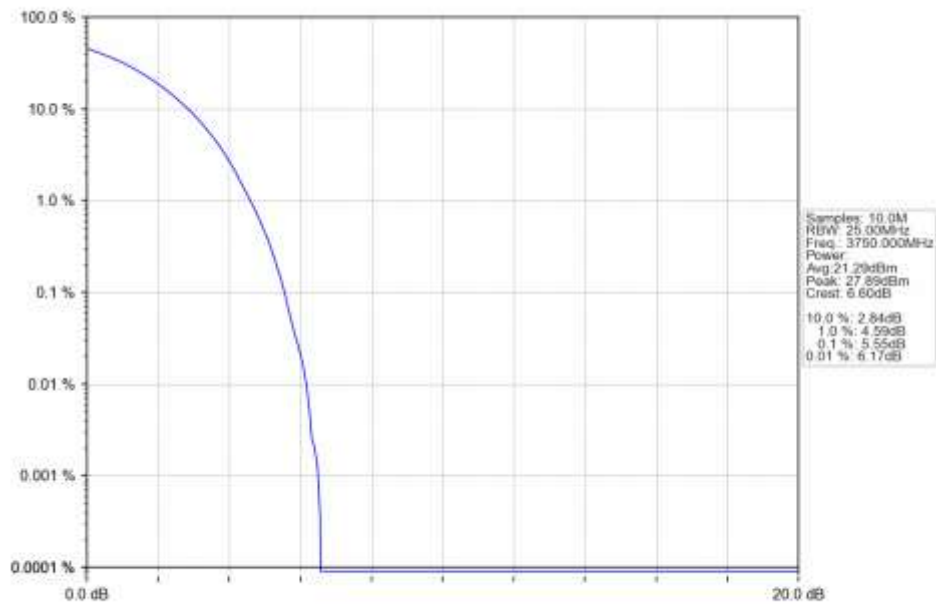
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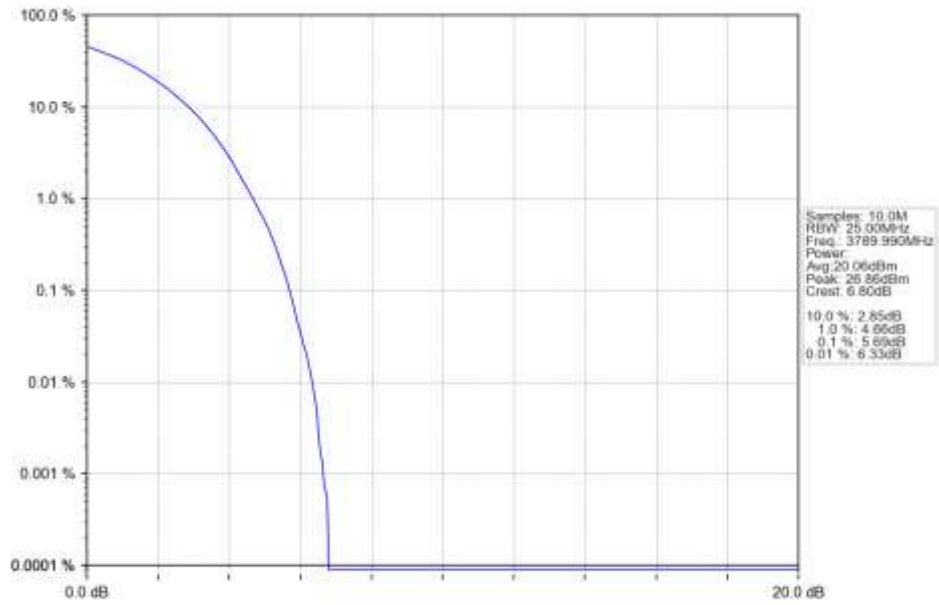
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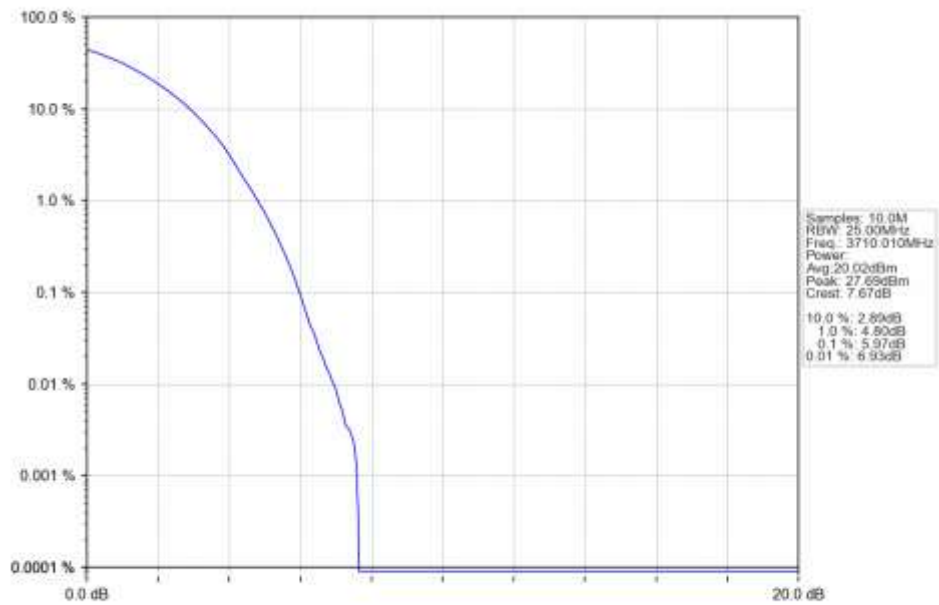
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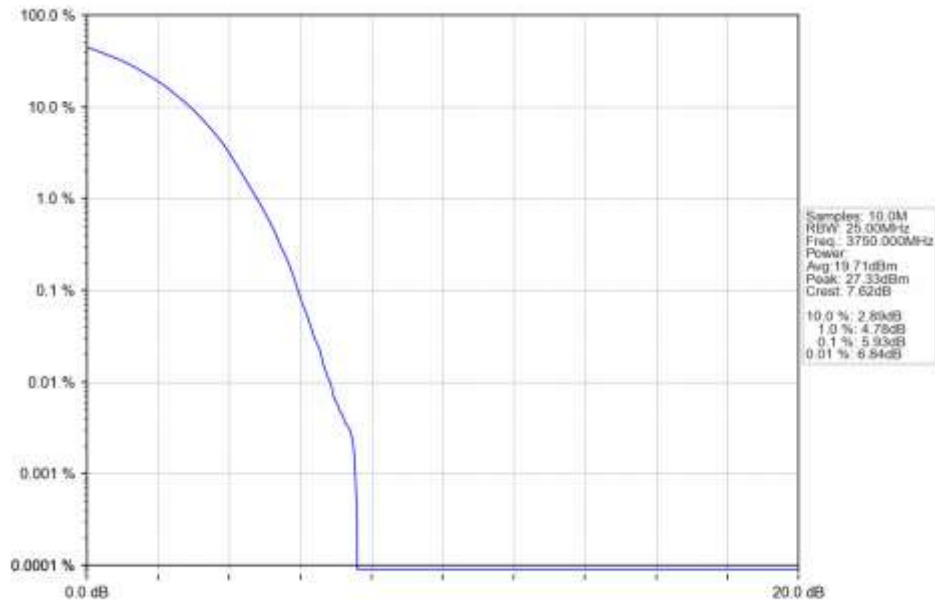
n78a 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3789.99MHz Outer Full Ant1



n78a 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3710.01MHz Outer Full Ant1



n78a 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



n78a 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3789.99MHz Outer Full Ant1

