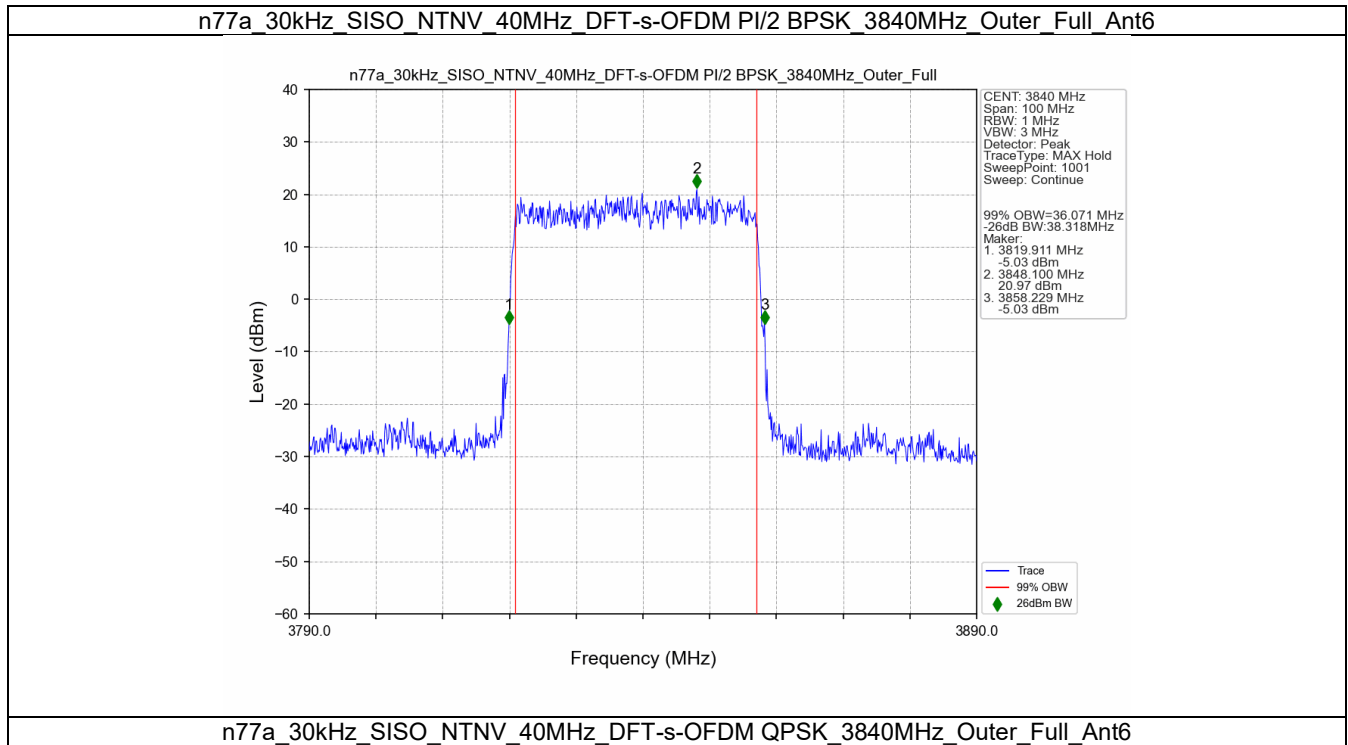
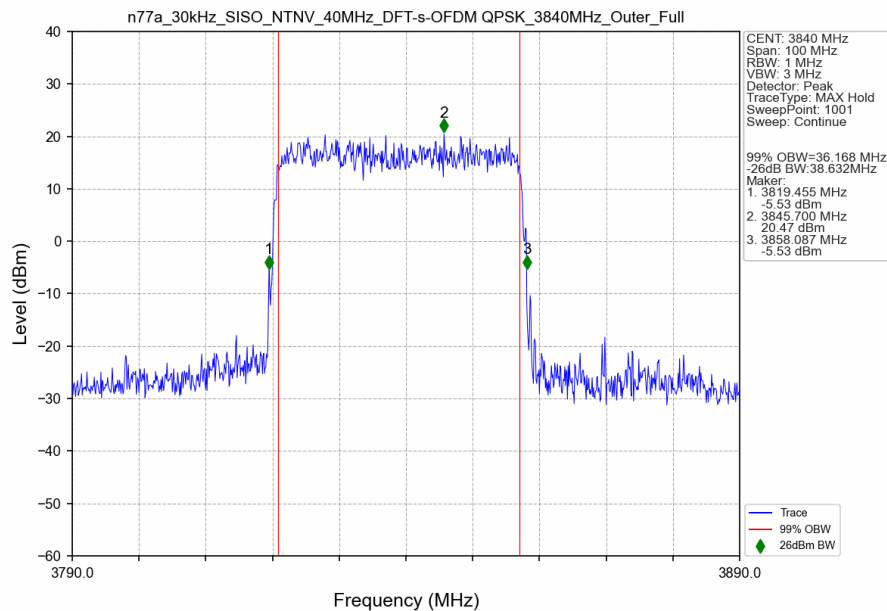
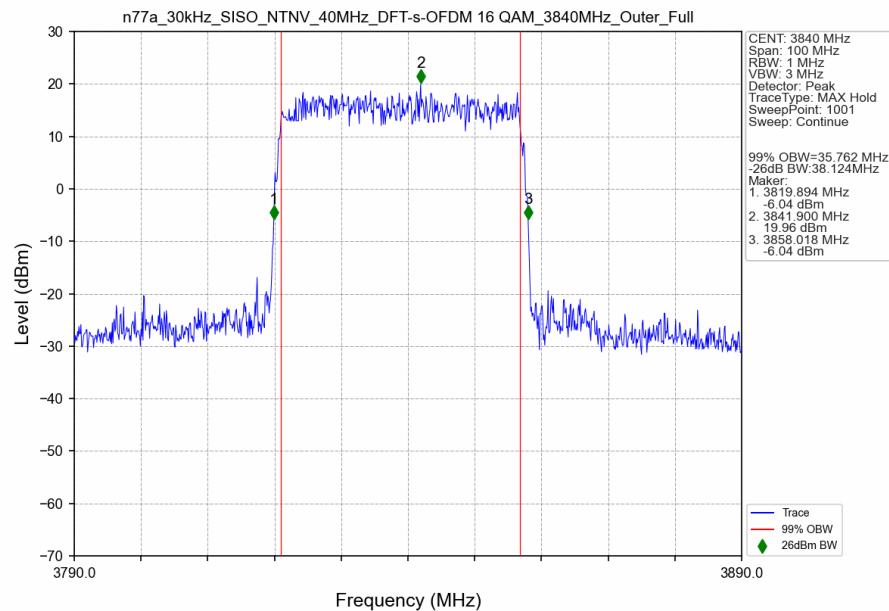


3.2.3 30_S_40M_NTNV

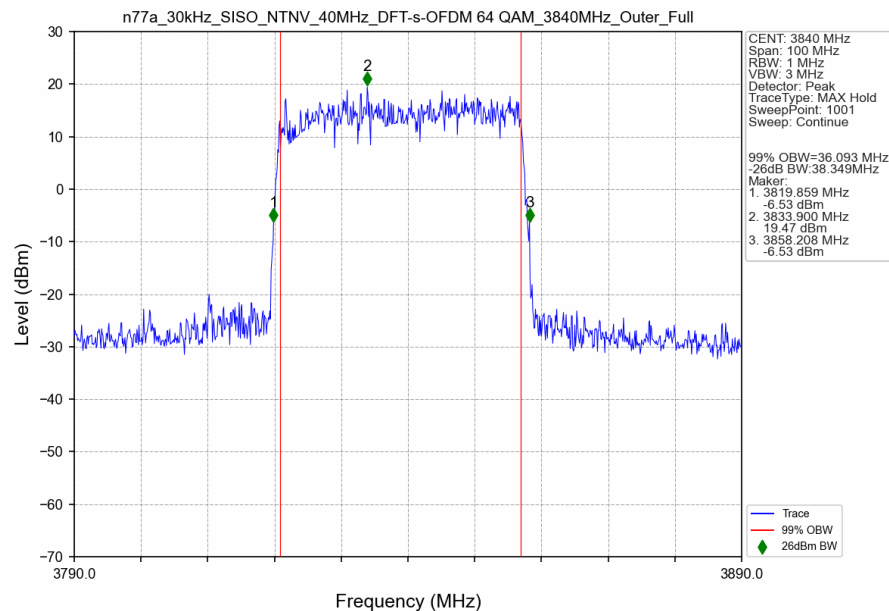




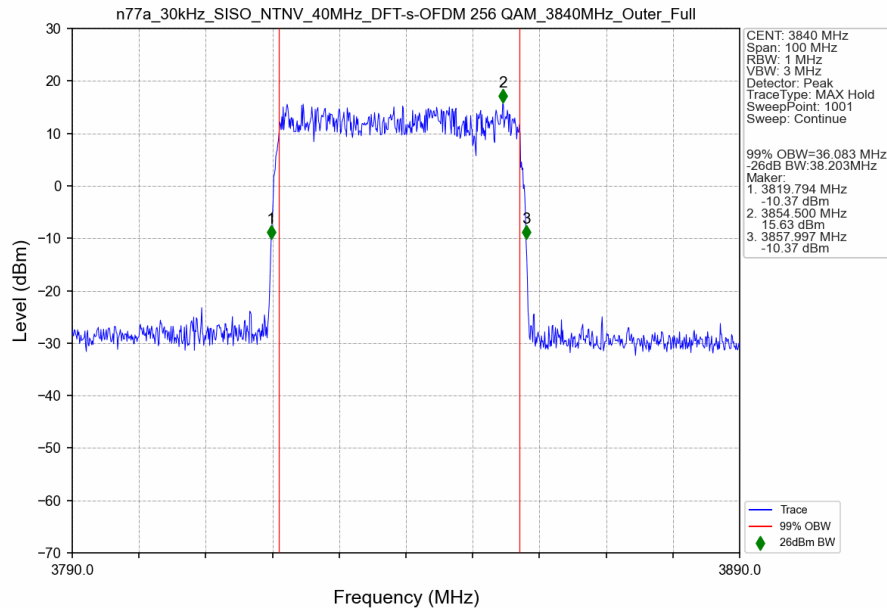
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant6



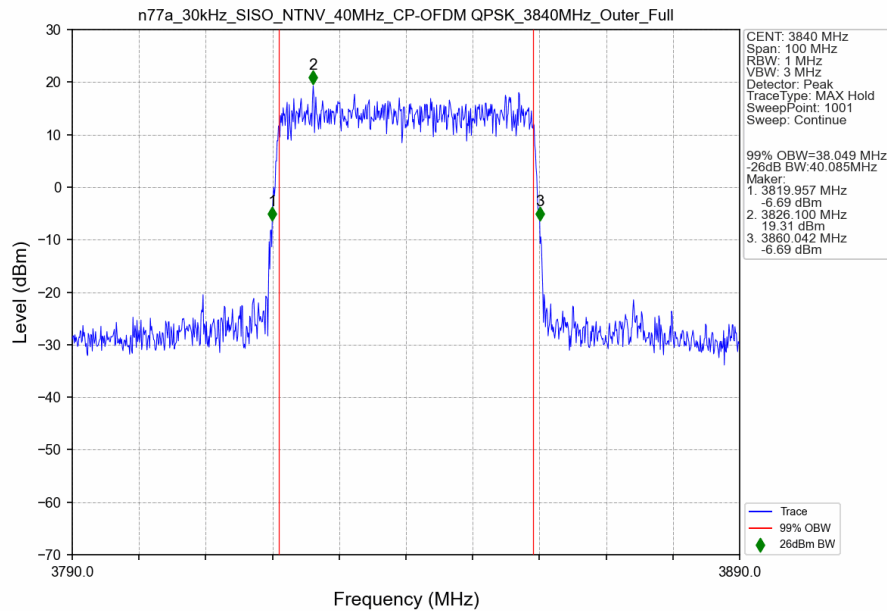
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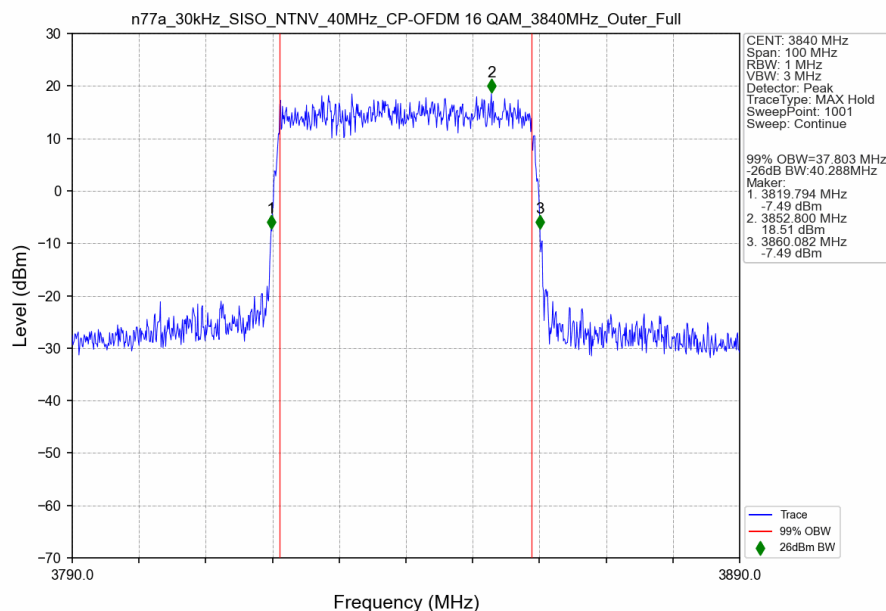
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3840MHz_Outer_Full_Ant6



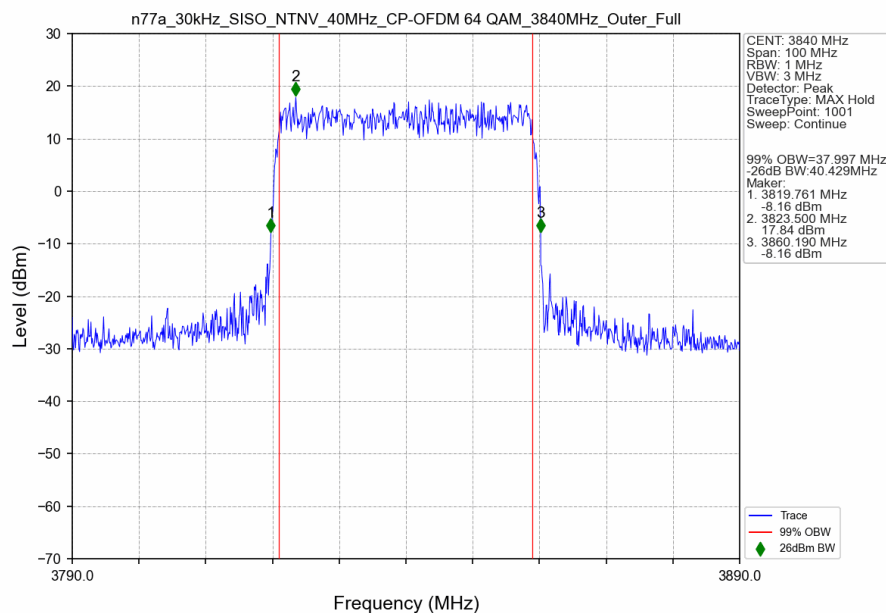
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3840MHz_Outer_Full_Ant6



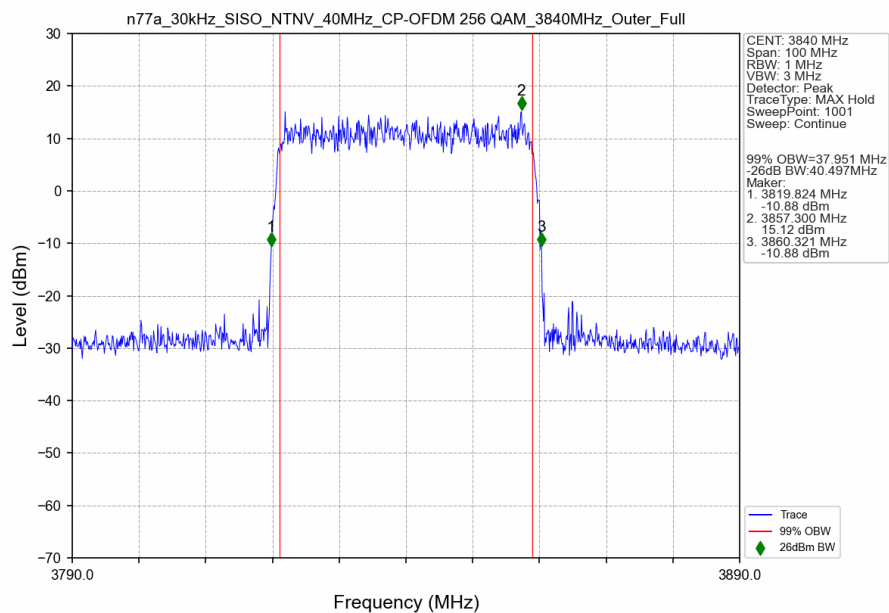
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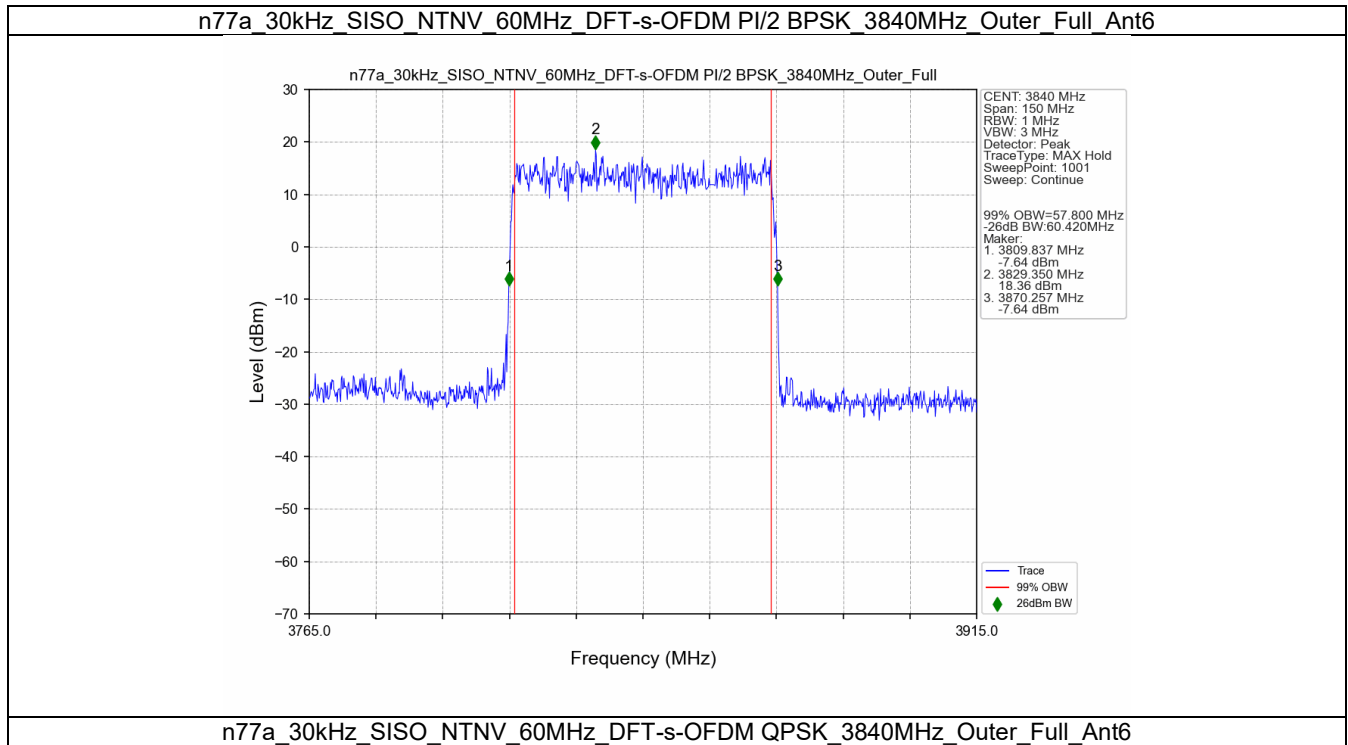
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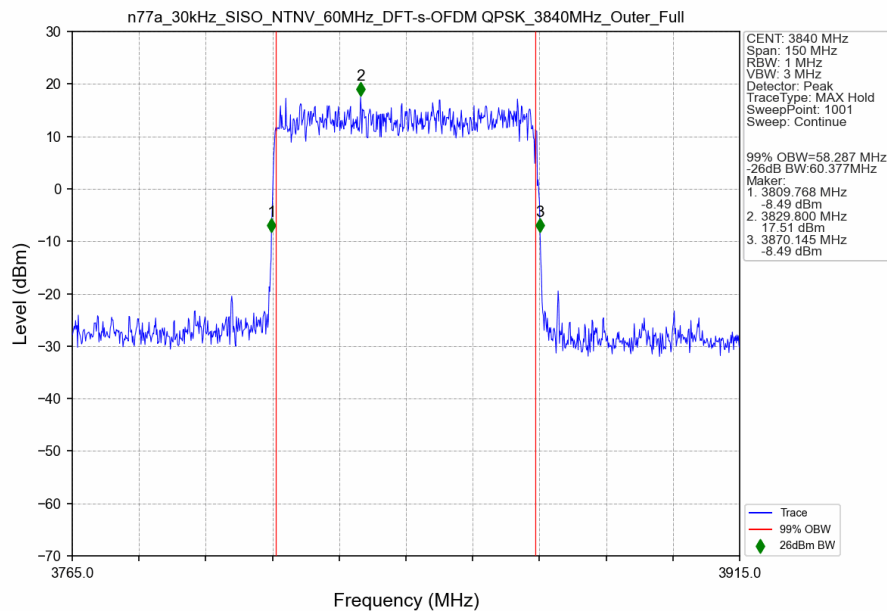


n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant6

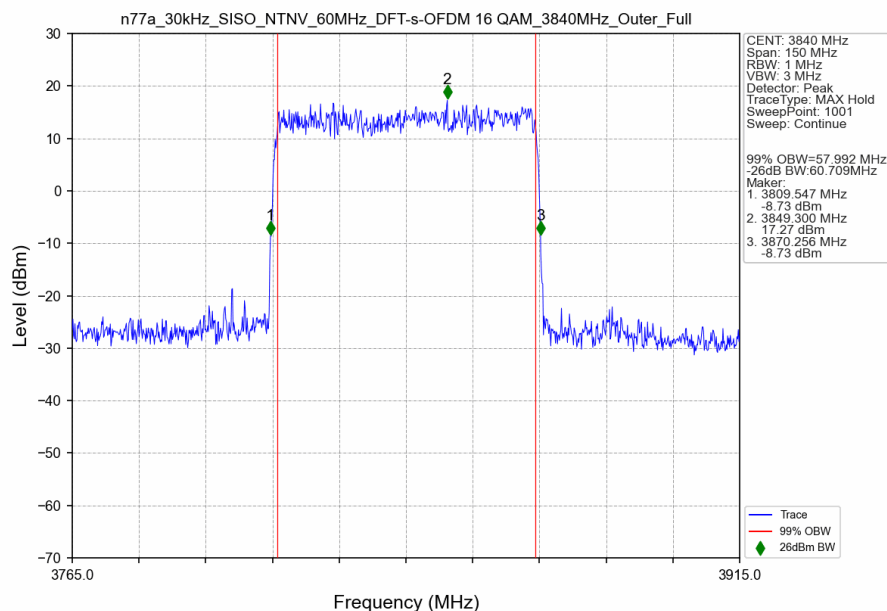


3.2.4 30_S_60M_NTNV

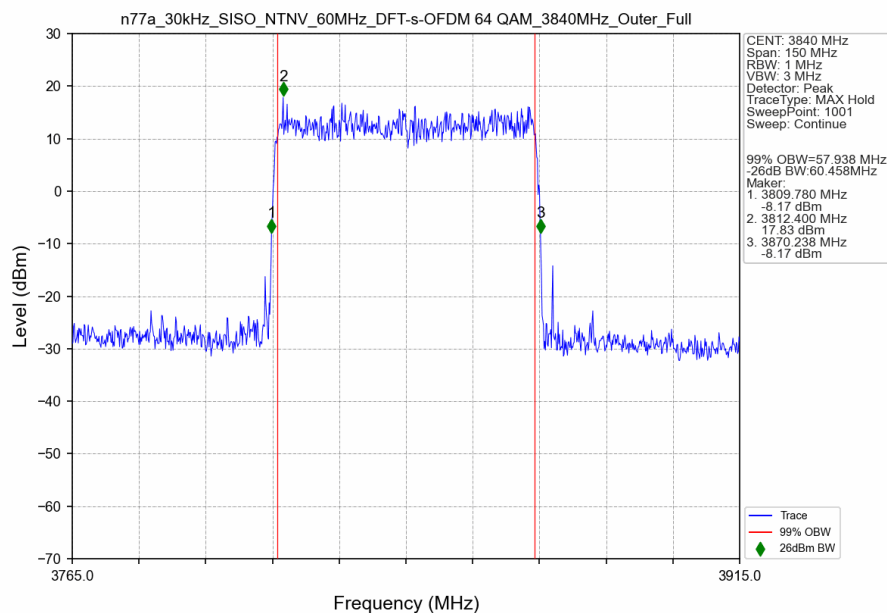




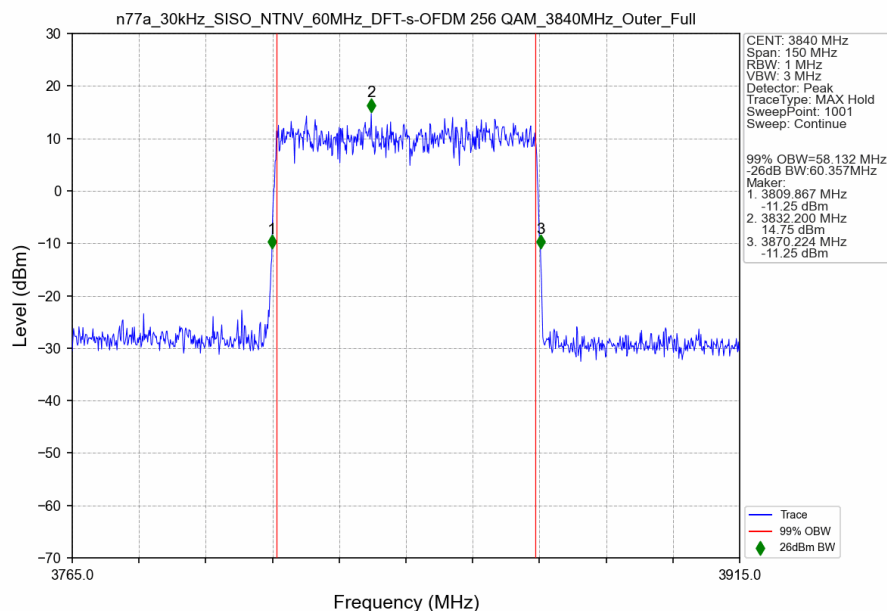
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant6



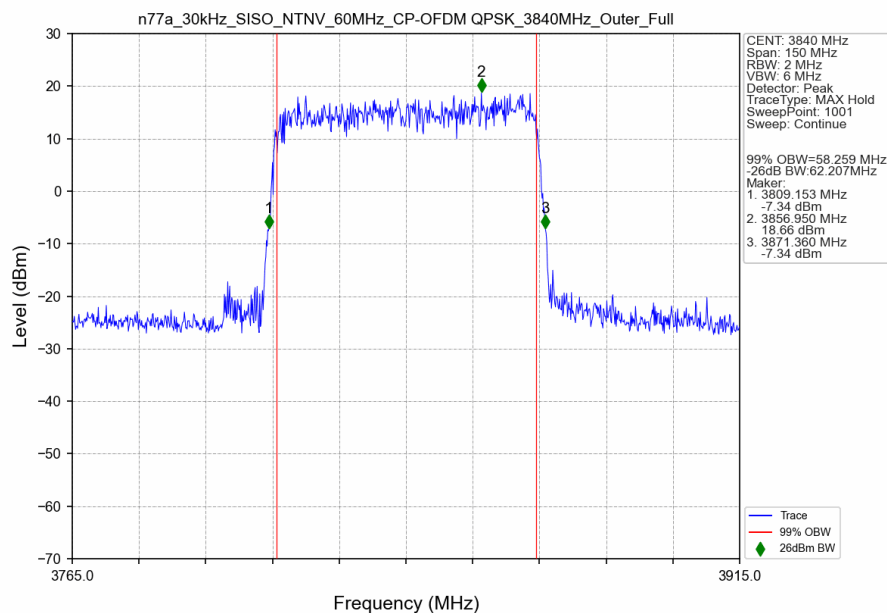
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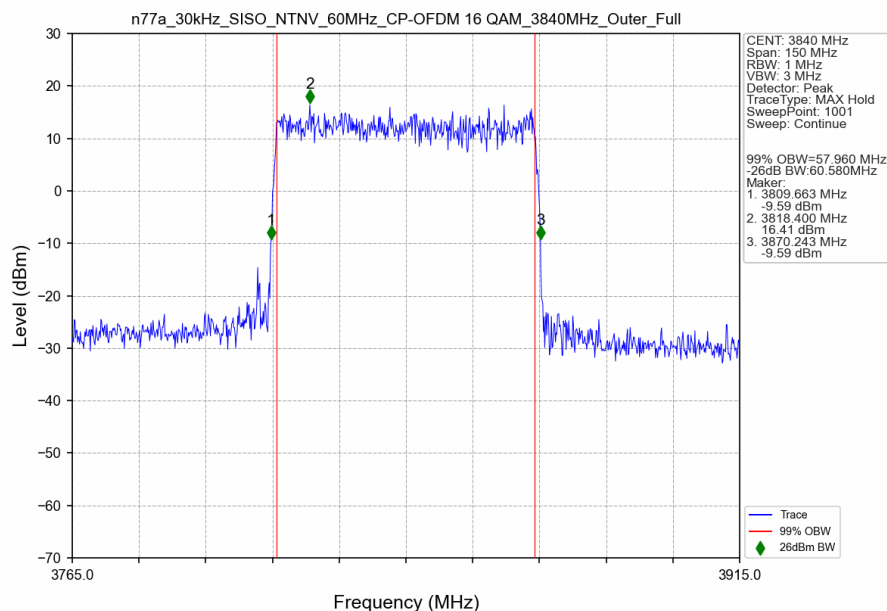
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3840MHz_Outer_Full_Ant6



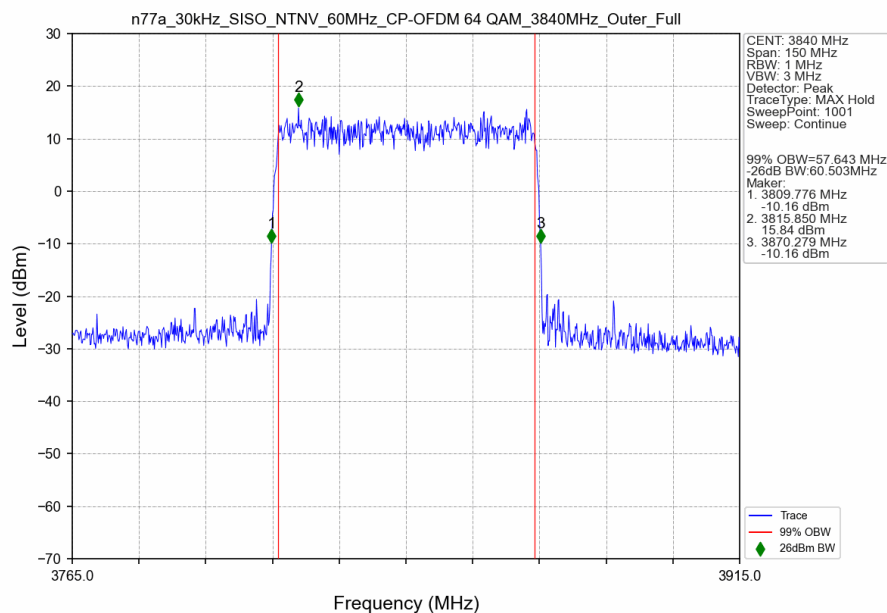
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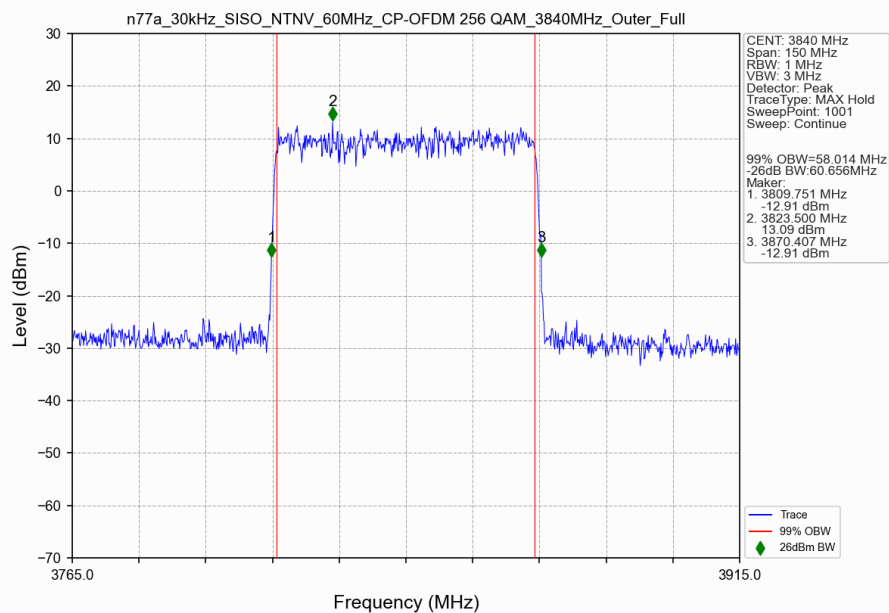
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3840MHz_Outer_Full_Ant6



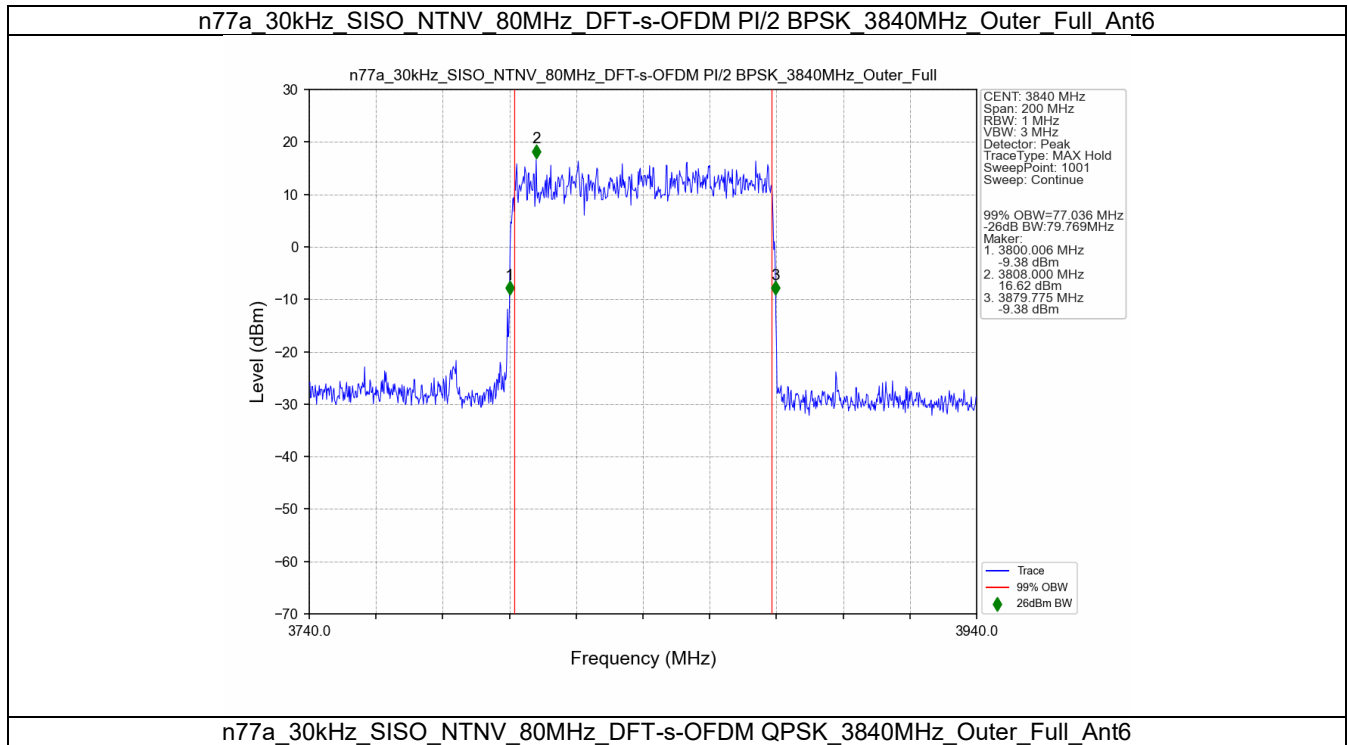
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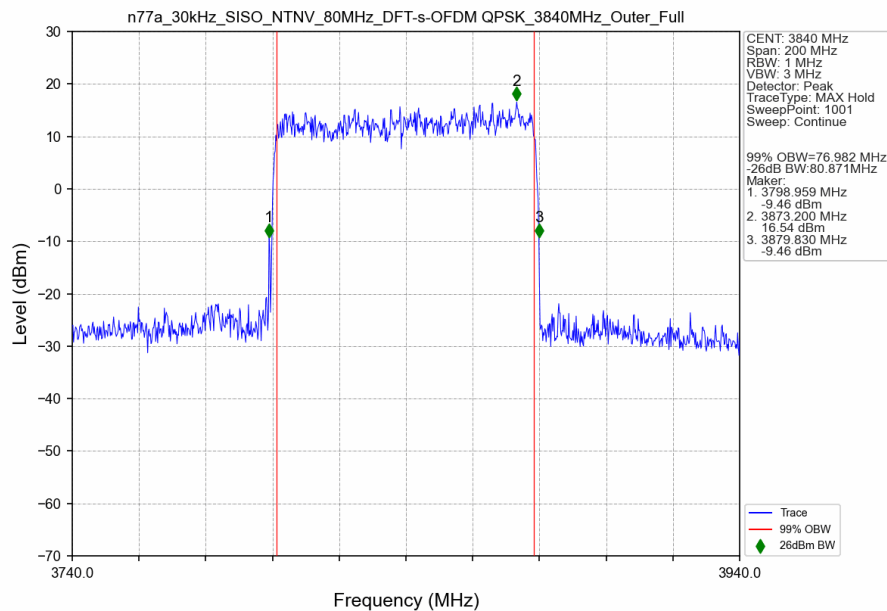


n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant6

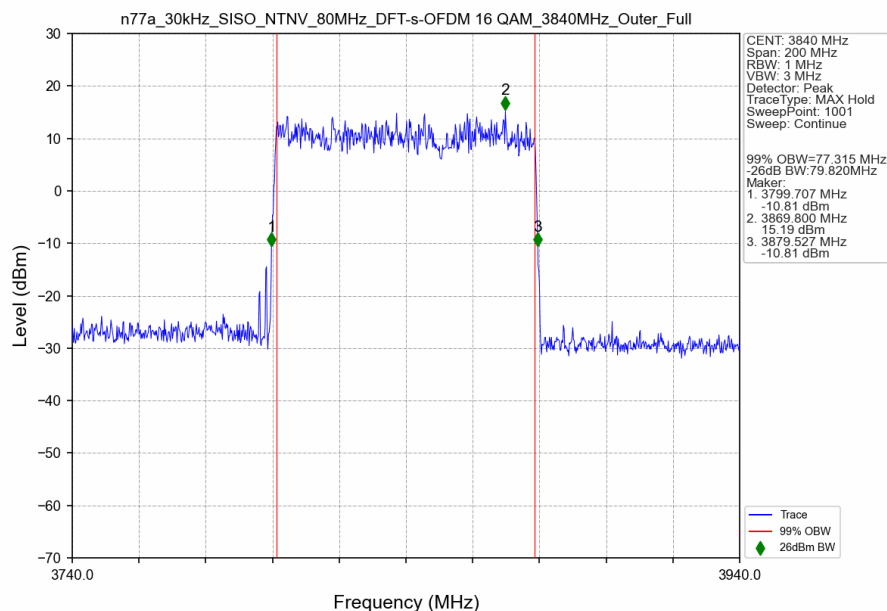


3.2.5 30_S_80M_NTNV

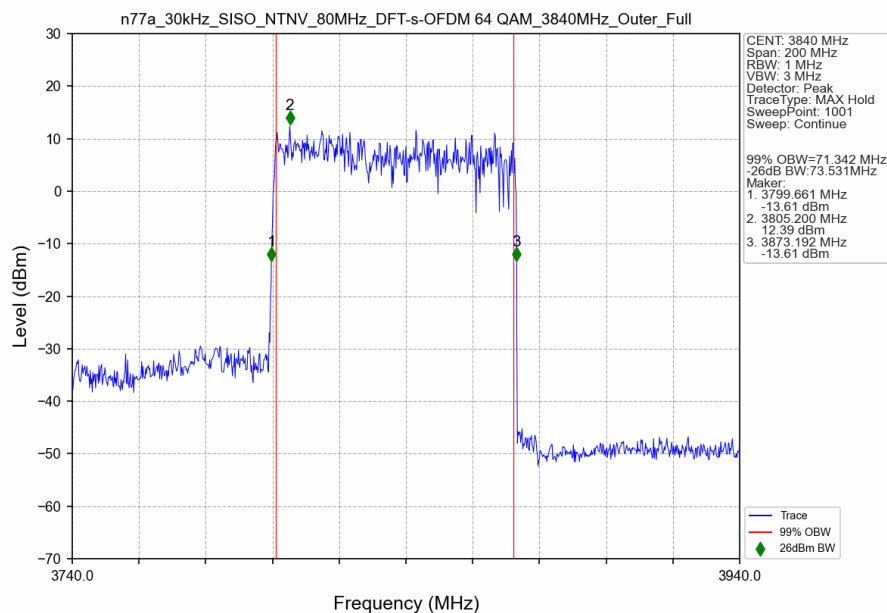




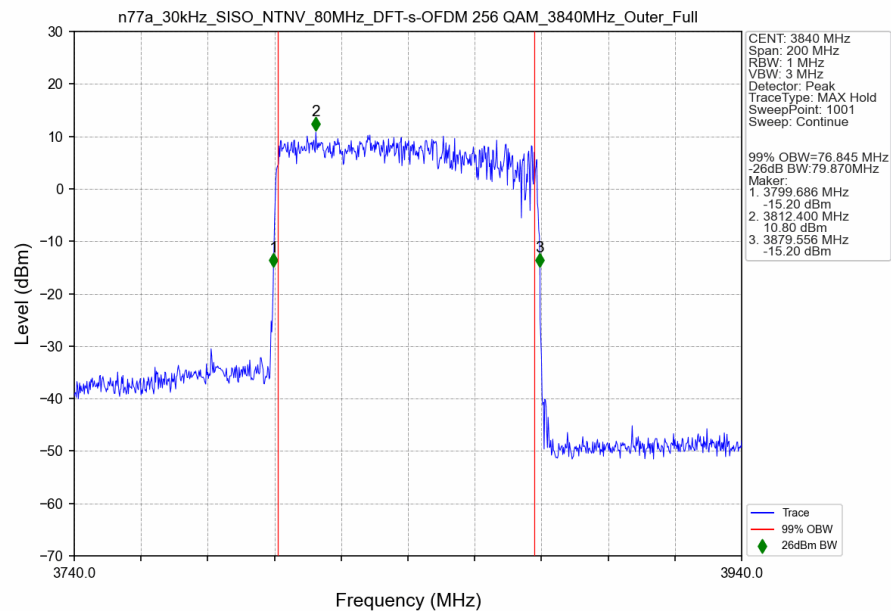
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant6



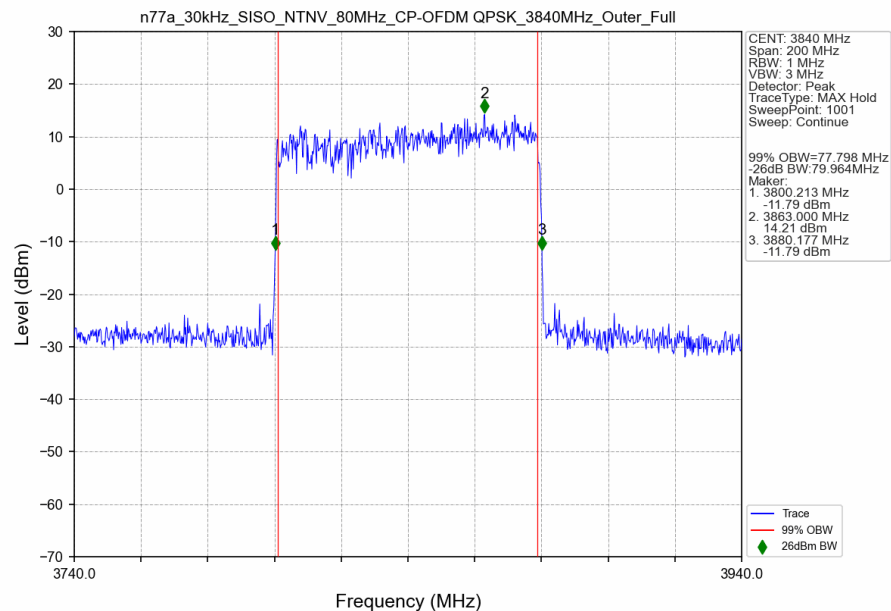
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3840MHz_Outer_Full_Ant6



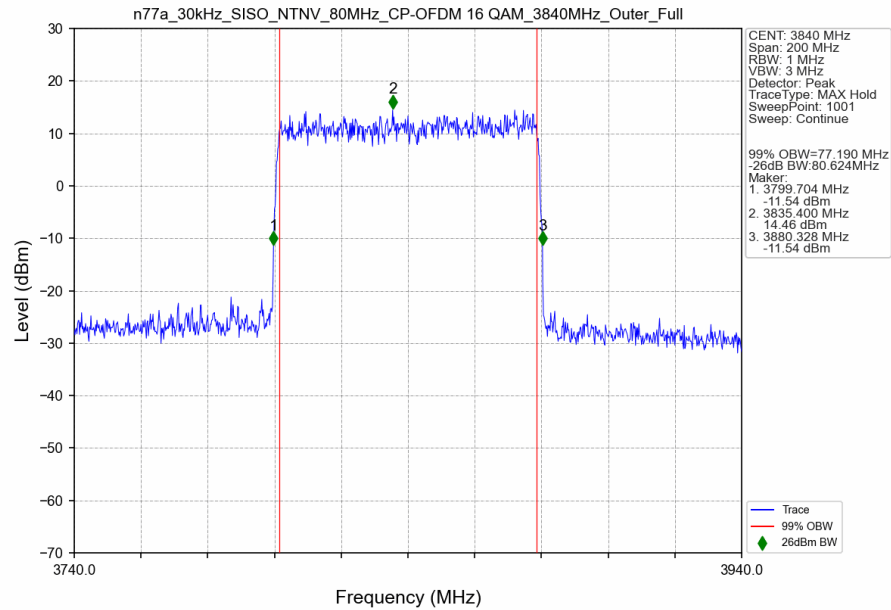
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3840MHz_Outer_Full_Ant6



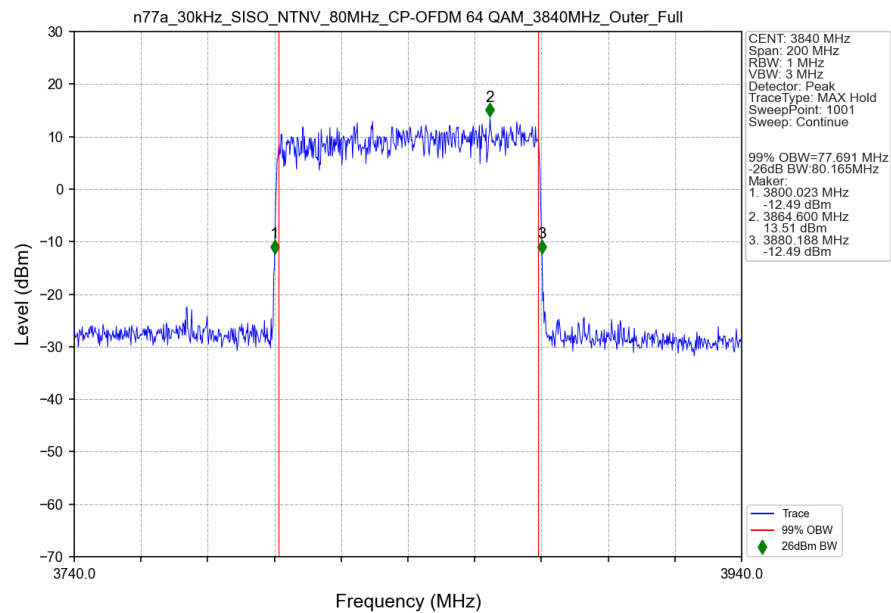
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3840MHz_Outer_Full_Ant6



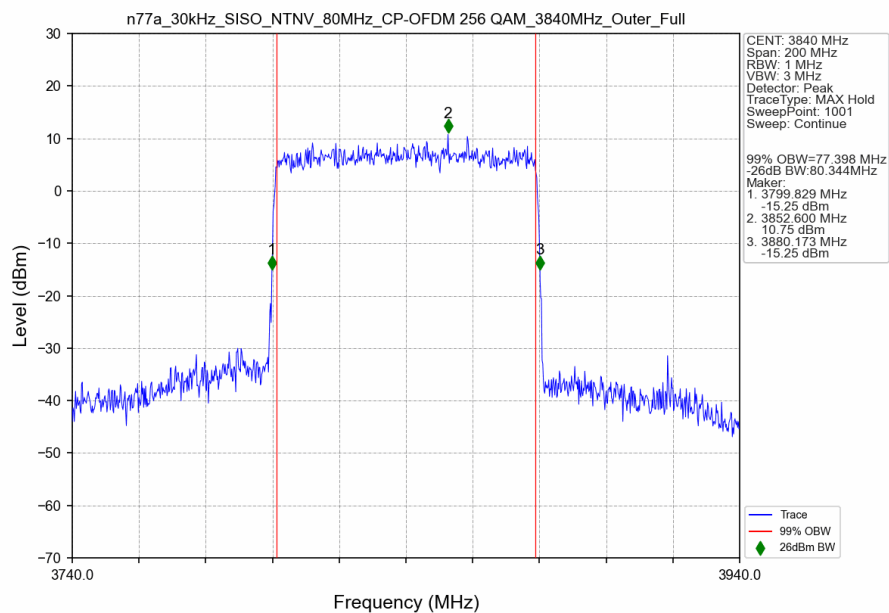
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3840MHz_Outer_Full_Ant6



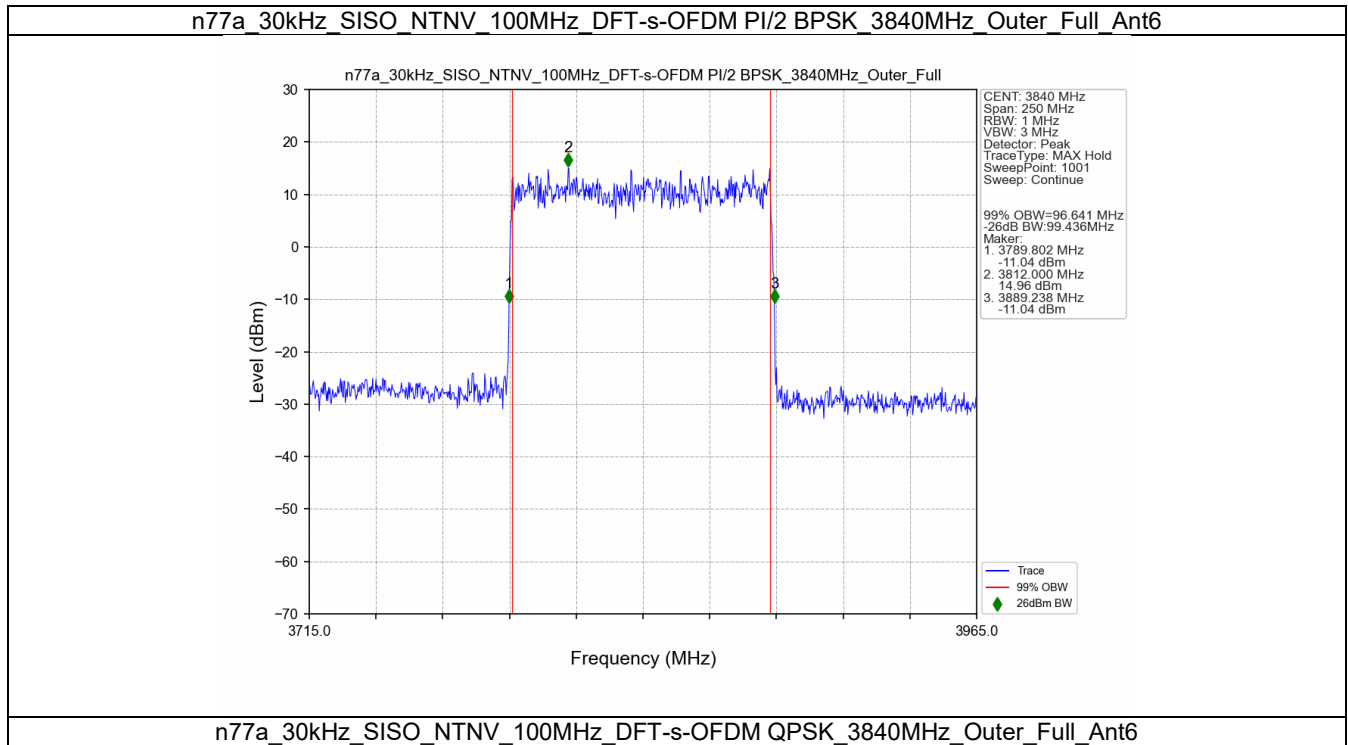
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3840MHz_Outer_Full_Ant6

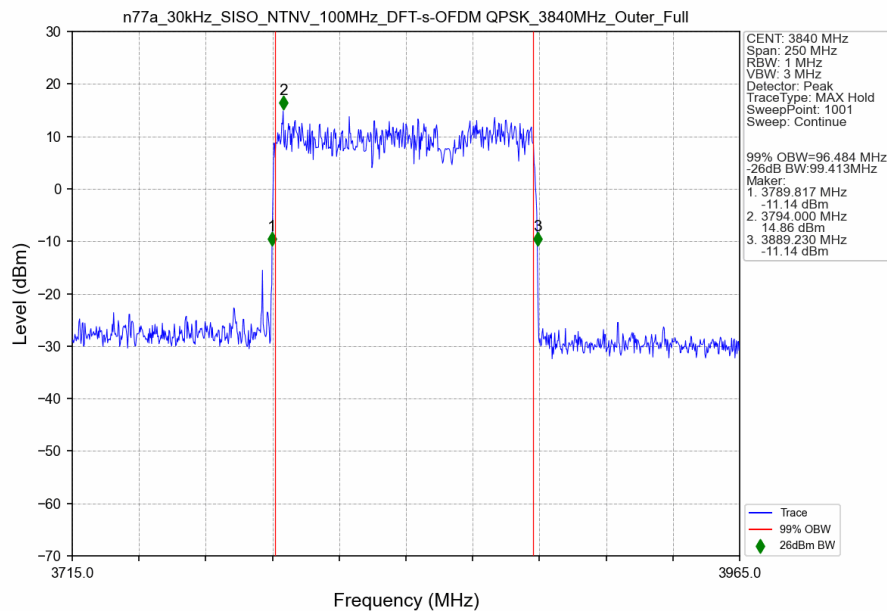


n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant6

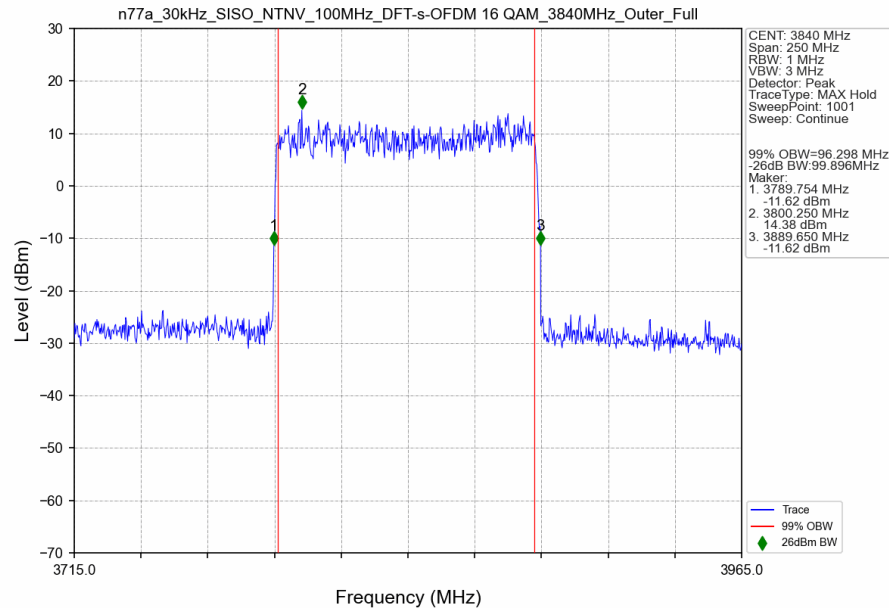


3.2.6 30_S_100M_NTNV

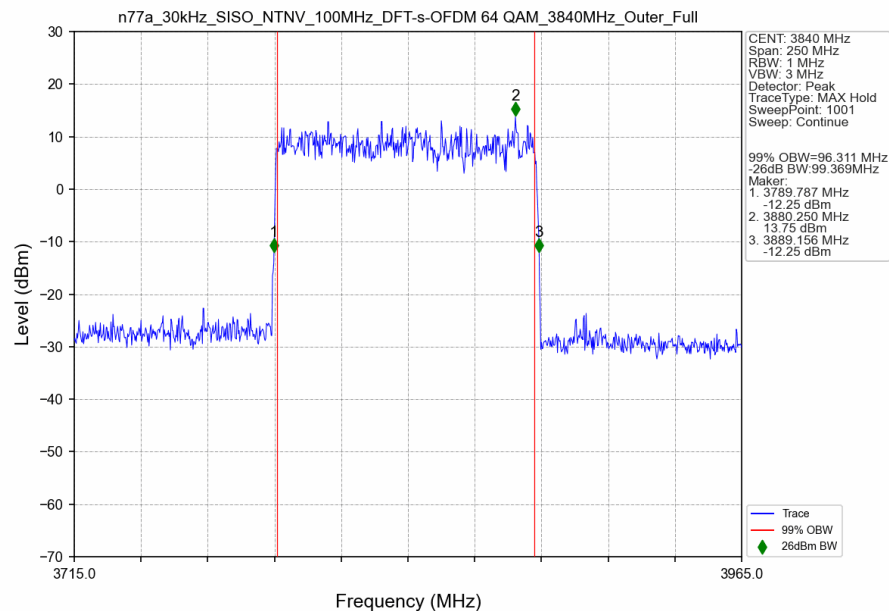




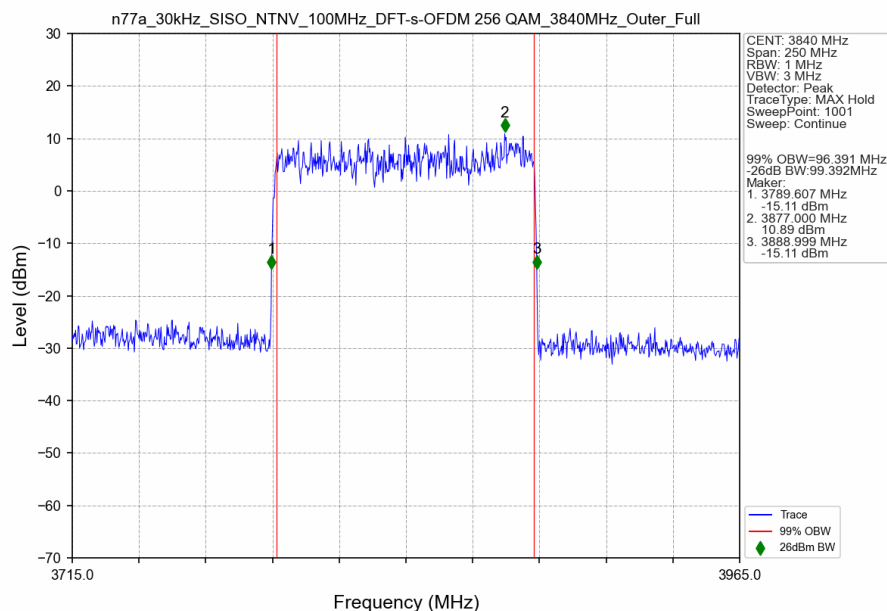
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant6



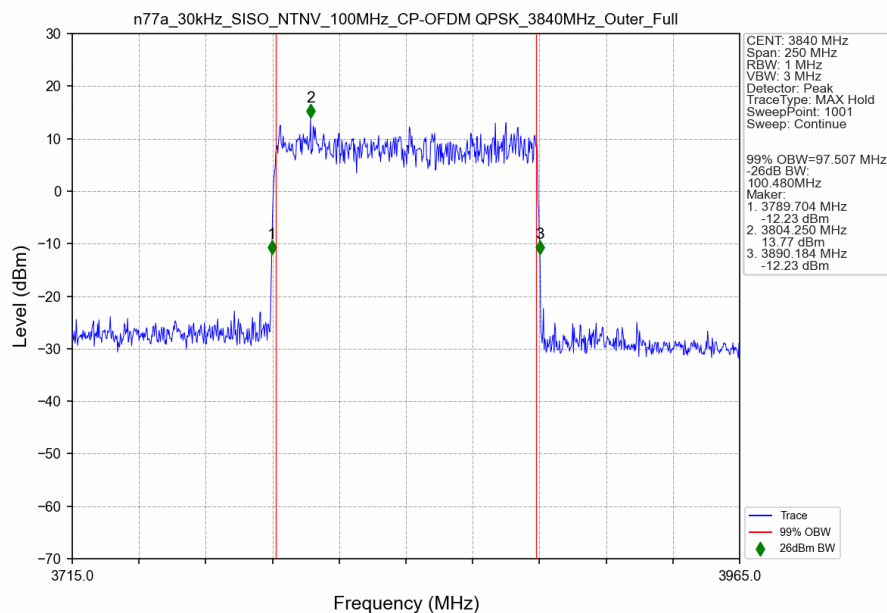
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3840MHz_Outer_Full_Ant6



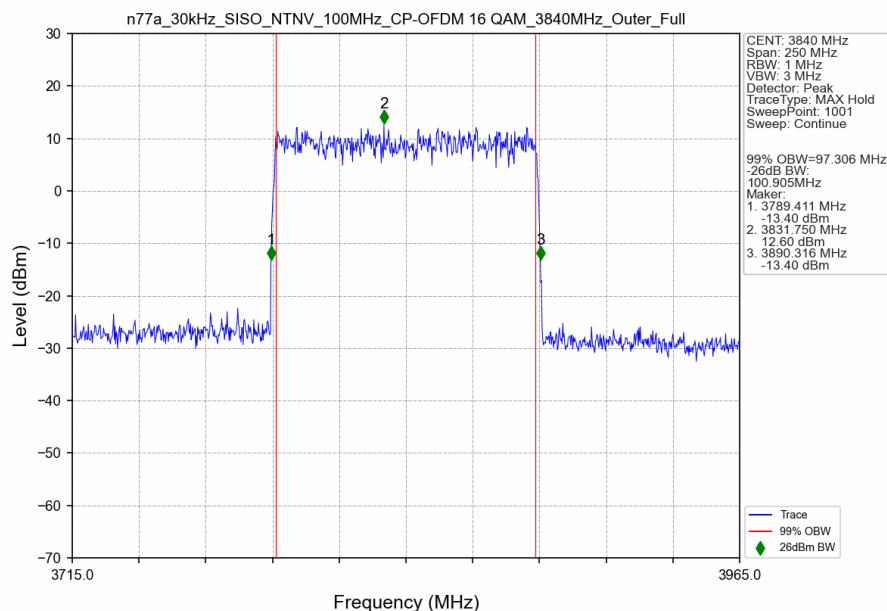
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3840MHz_Outer_Full_Ant6



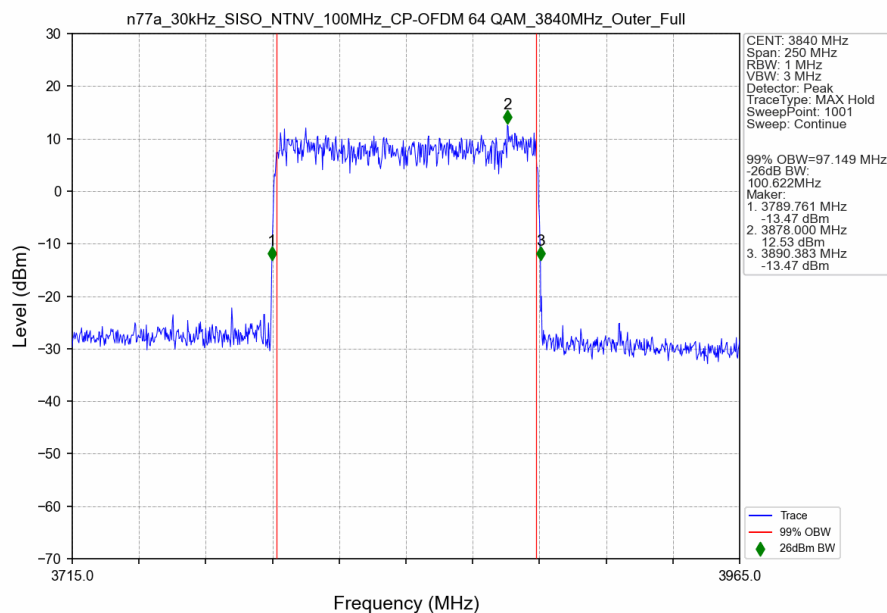
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3840MHz_Outer_Full_Ant6



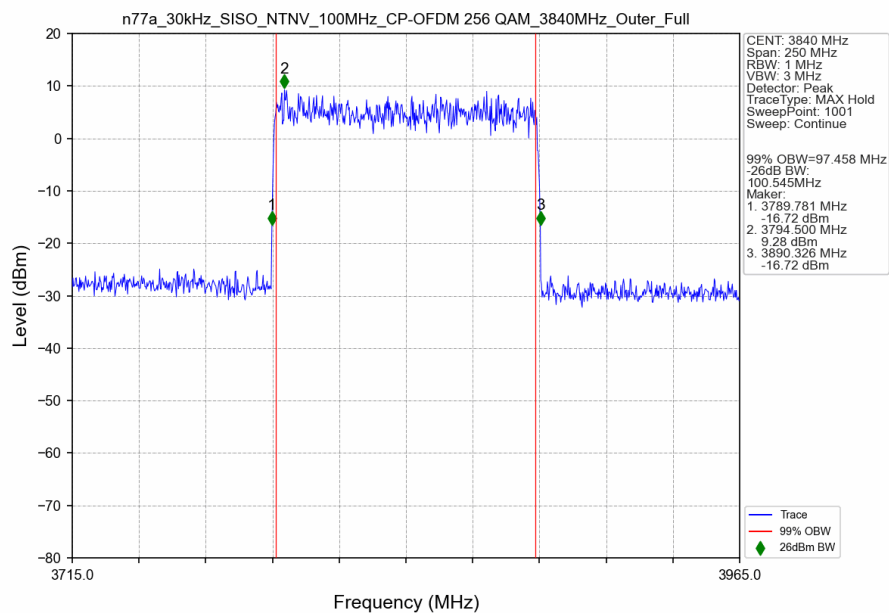
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3840MHz_Outer_Full_Ant6



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3840MHz_Outer_Full_Ant6



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3840MHz_Outer_Full_Ant6





4. Peak-Average Ratio

4.1 Test Result

4.1.1 30_S_100M_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	4.32	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	5.32	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer_Full	8.06	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30_S_100M_NTNV

