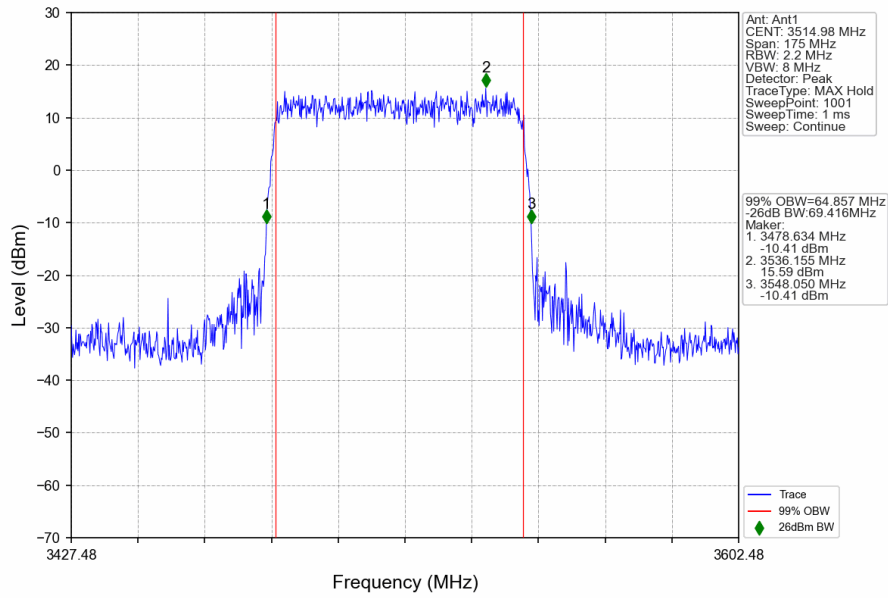
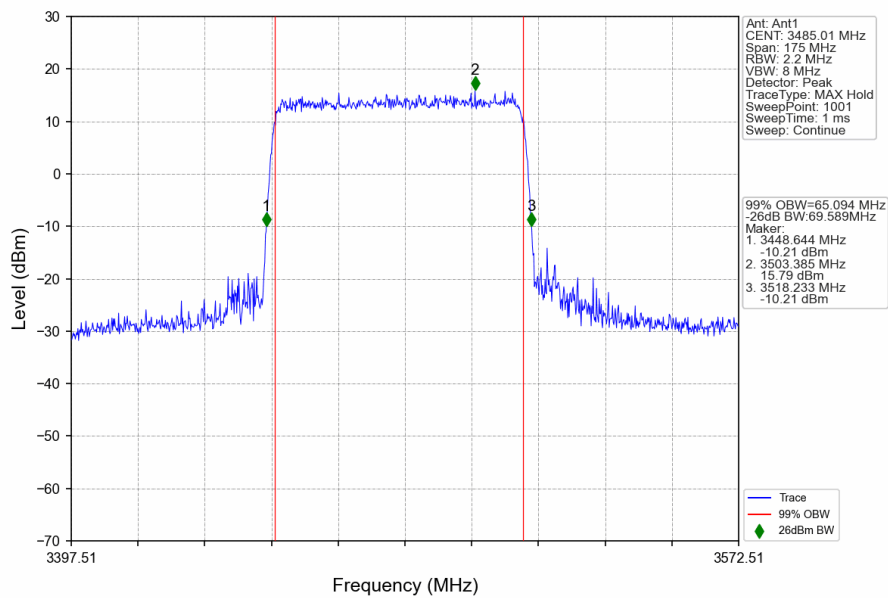


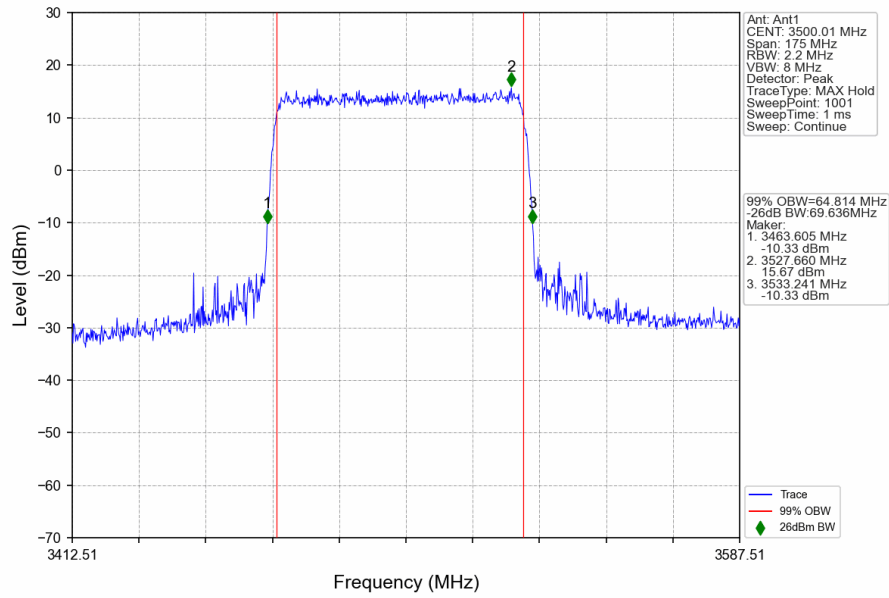
n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3514.98MHz_Outer_Full



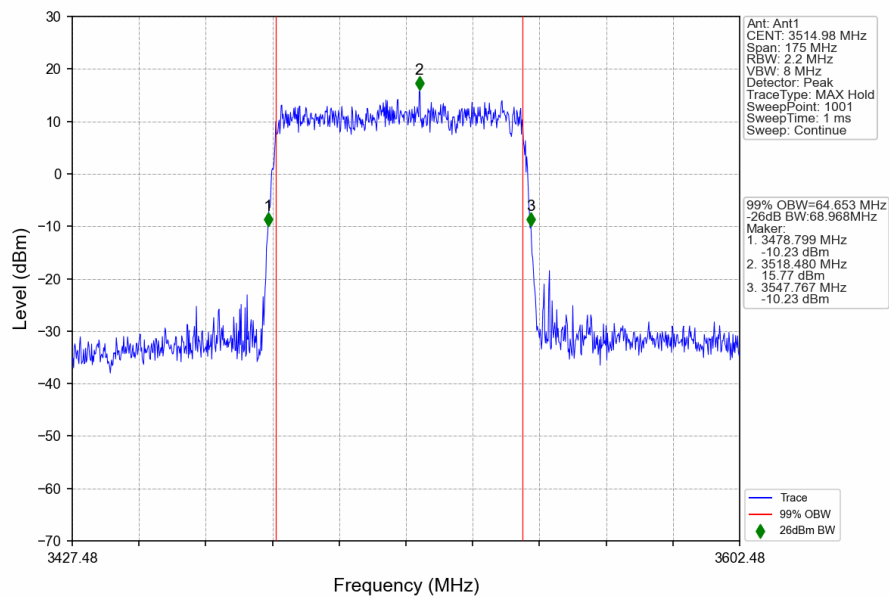
n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3485.01MHz_Outer_Full



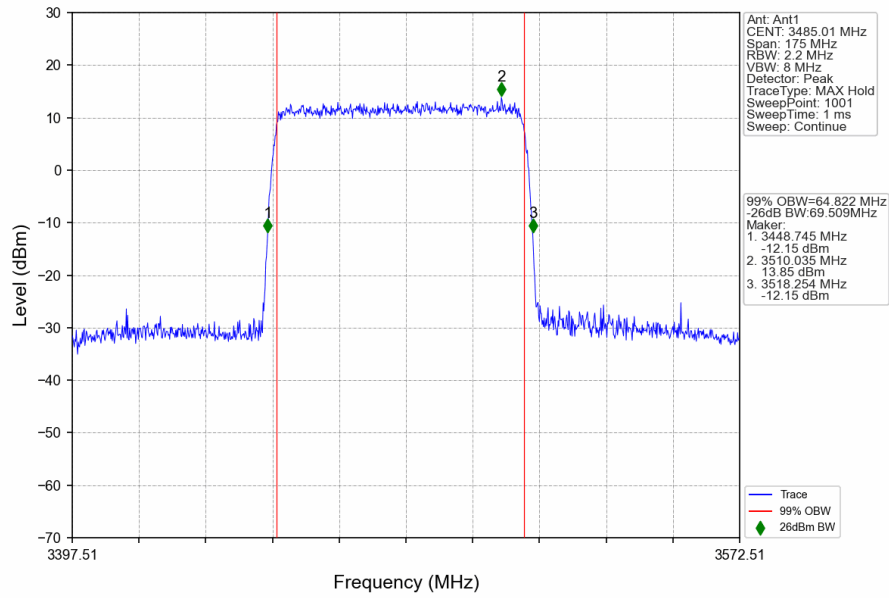
n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



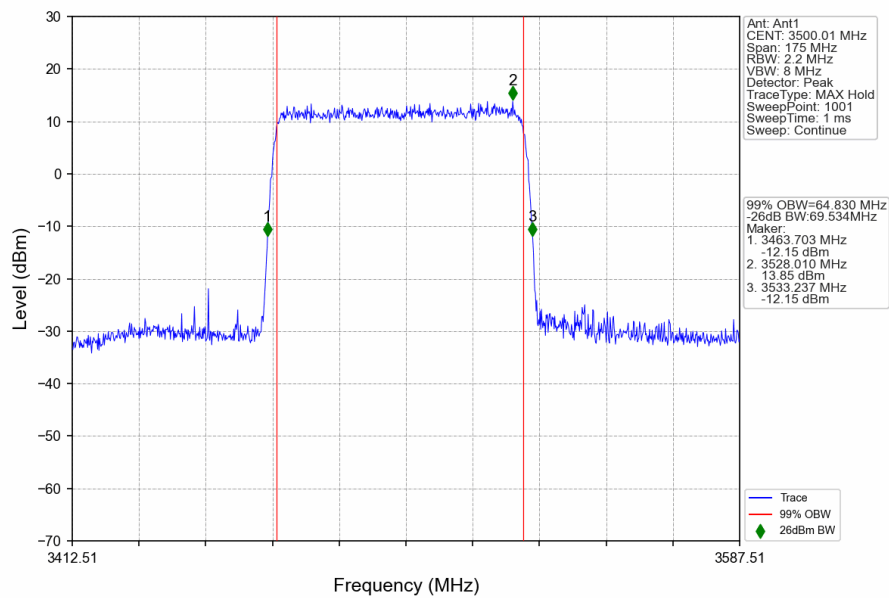
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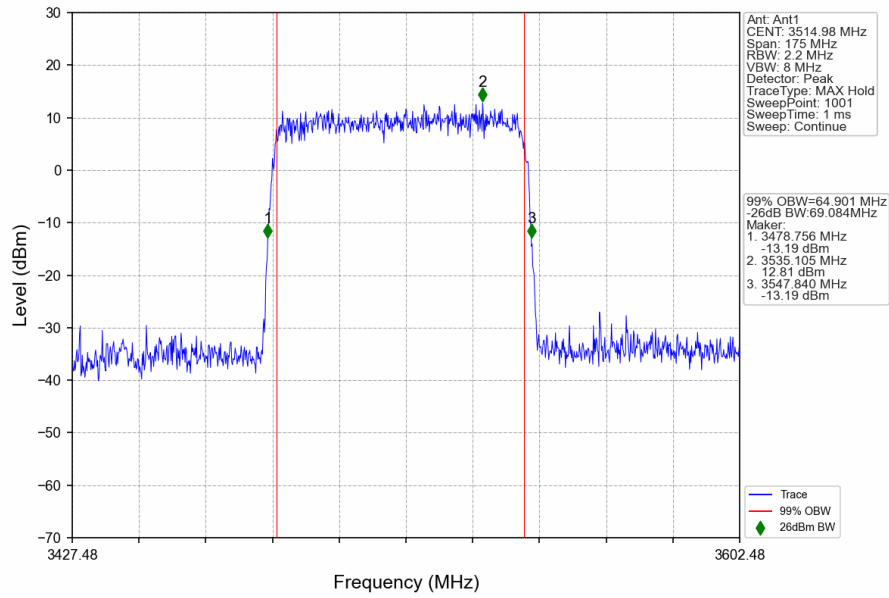
n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3485.01MHz_Outer_Full



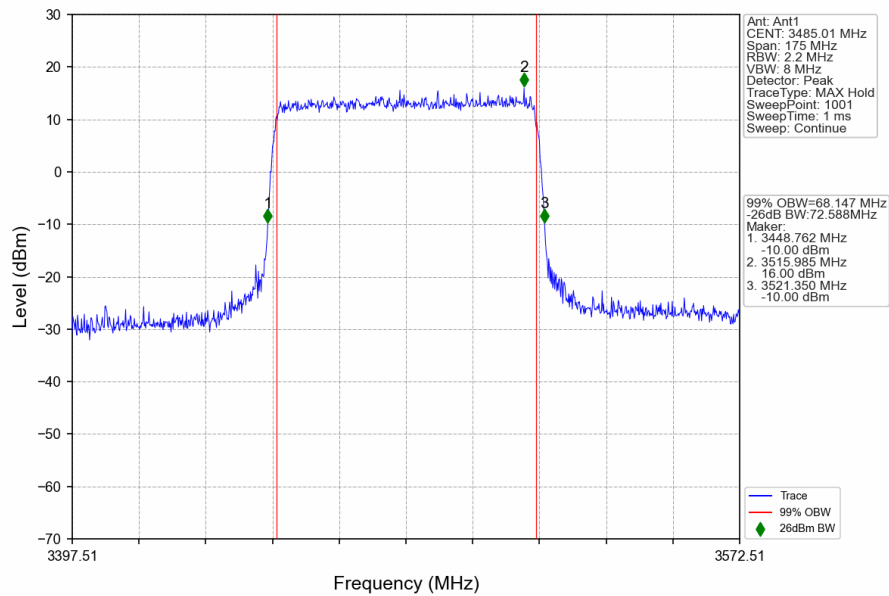
n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full



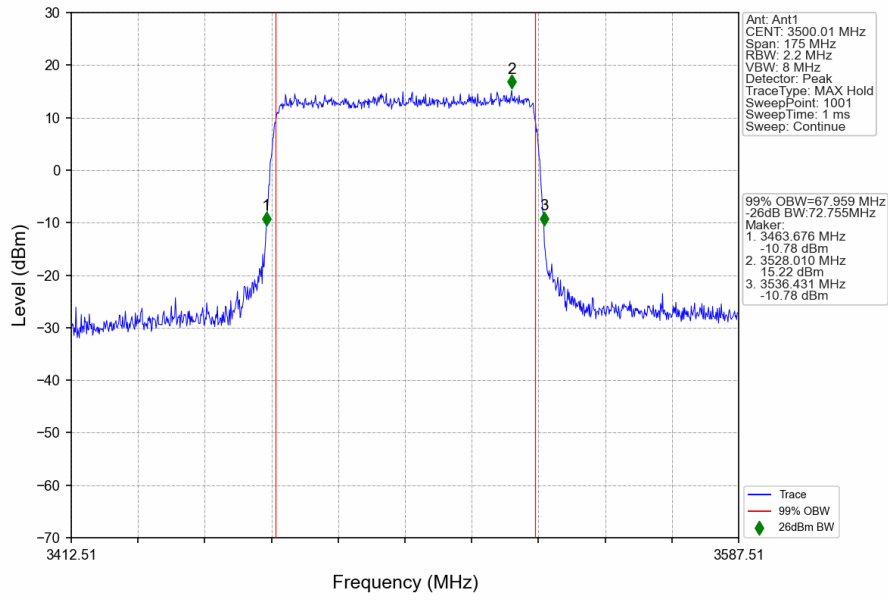
n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3514.98MHz_Outer_Full



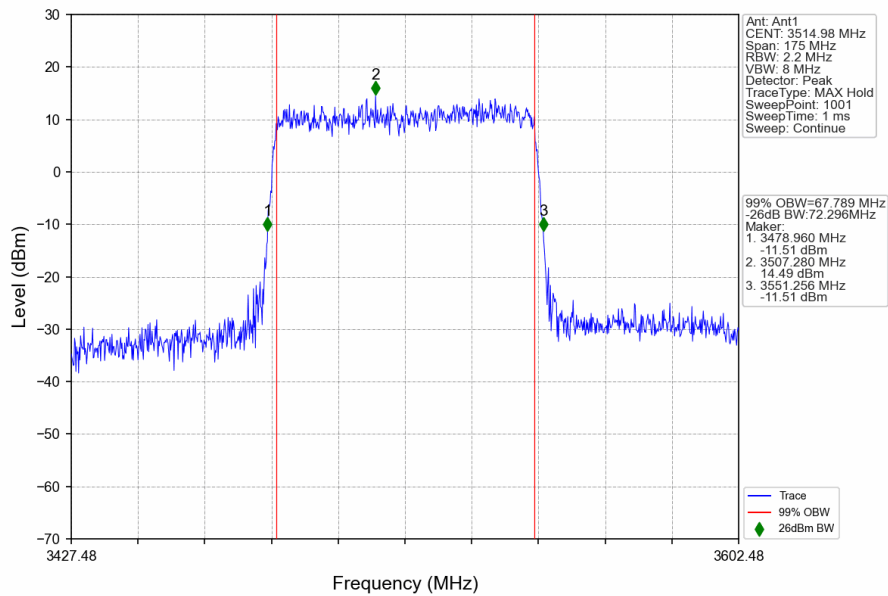
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3485.01MHz_Outer_Full



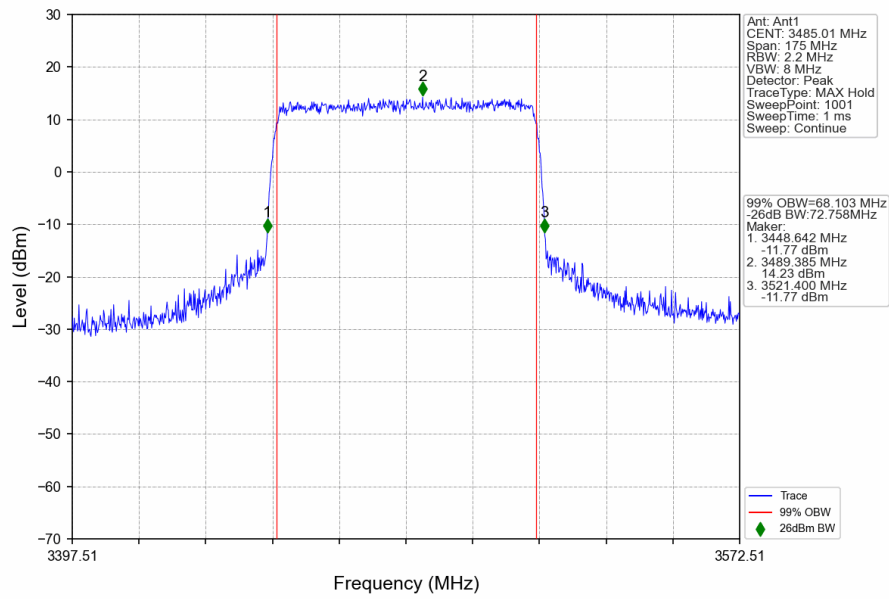
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



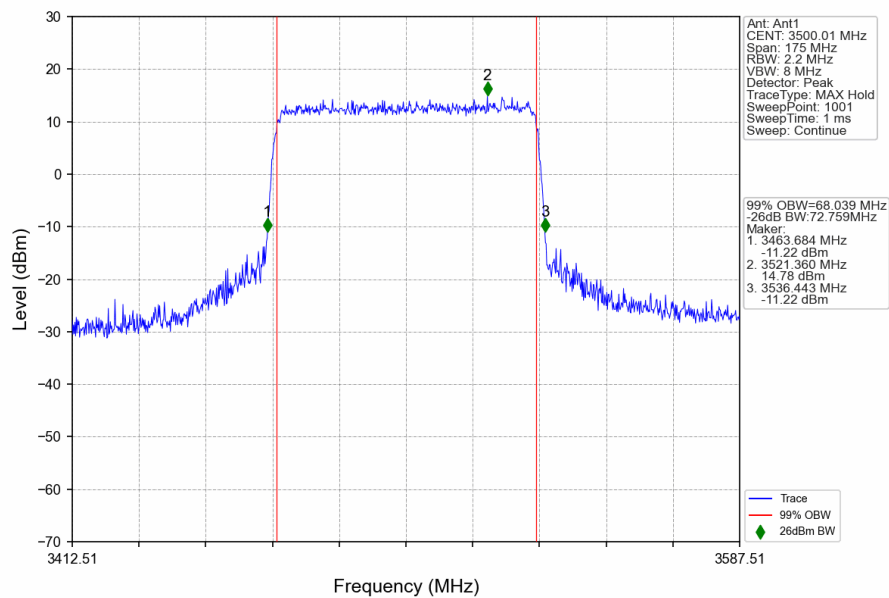
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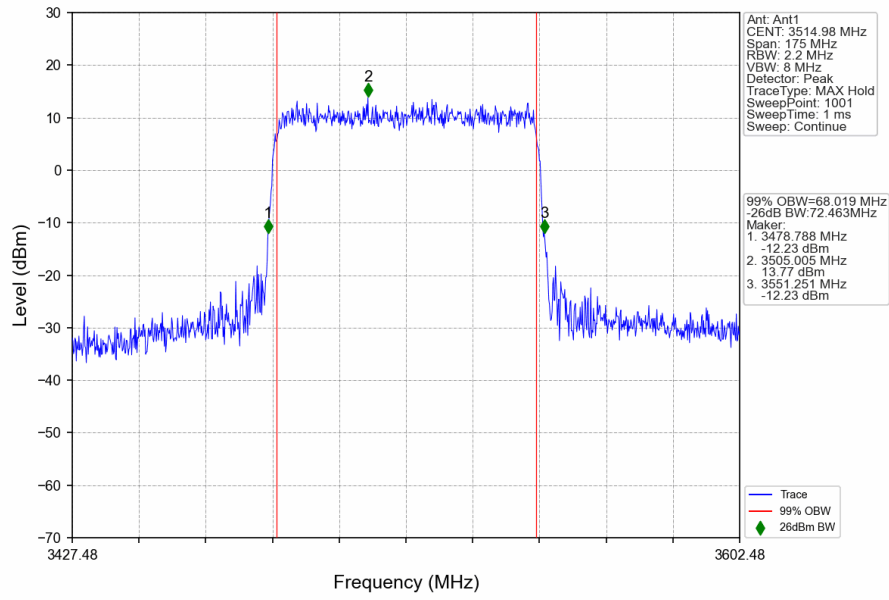
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3485.01MHz_Outer_Full



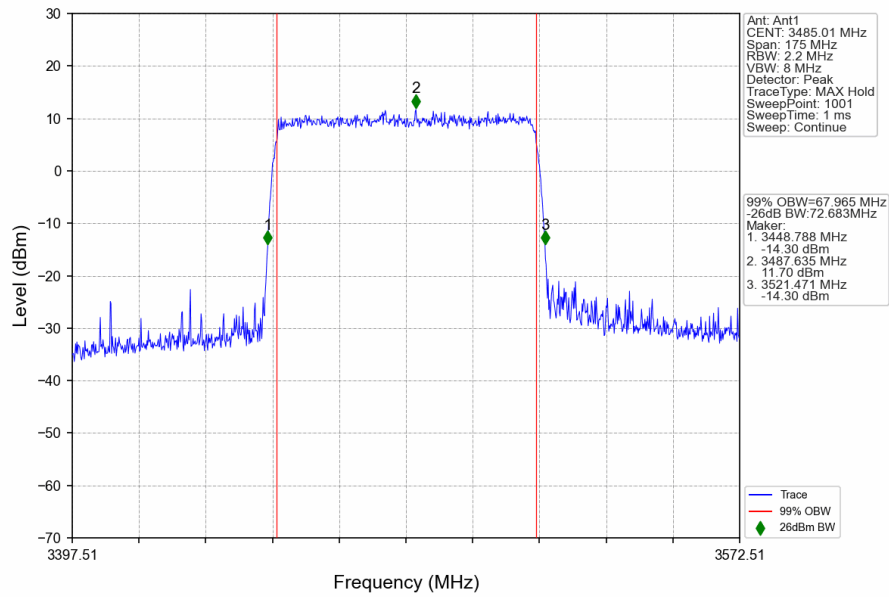
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



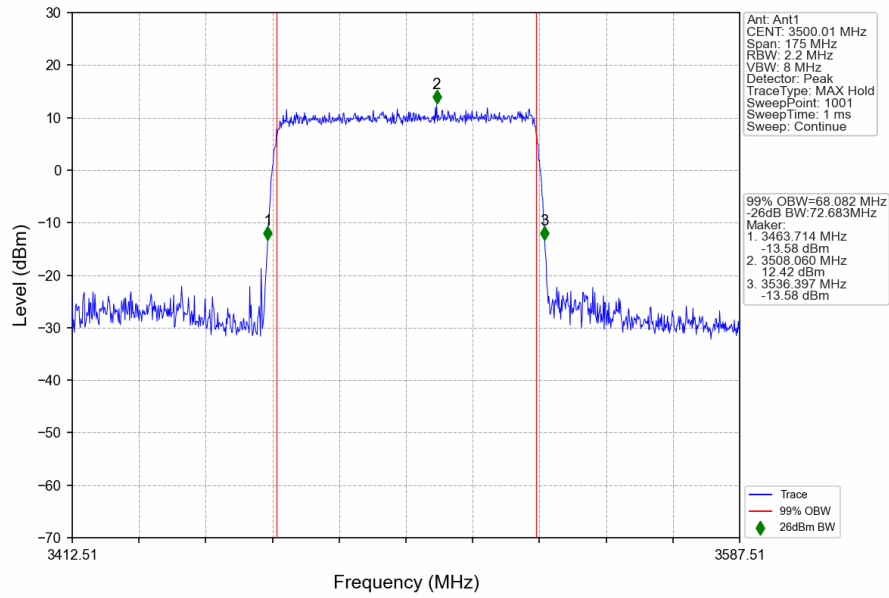
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3514.98MHz_Outer_Full



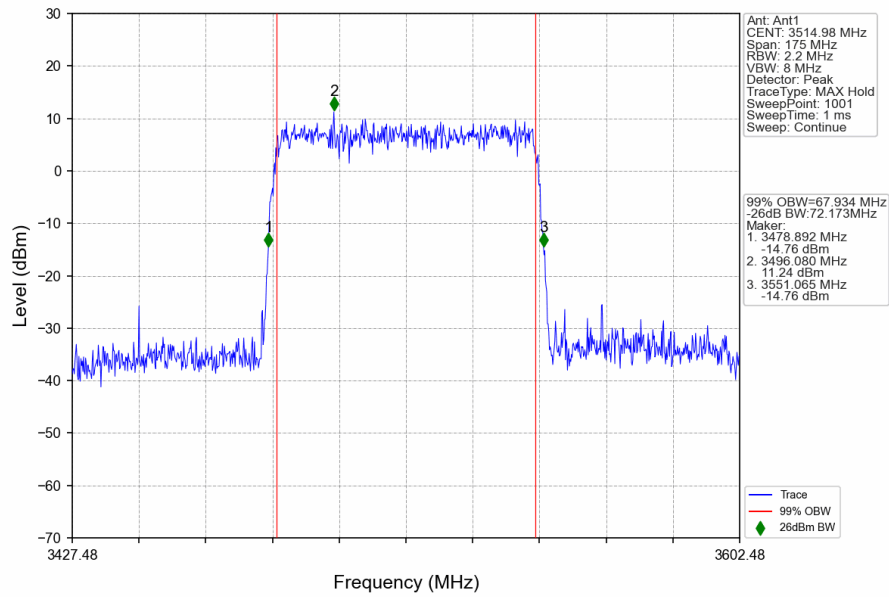
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3485.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3514.98MHz_Outer_Full

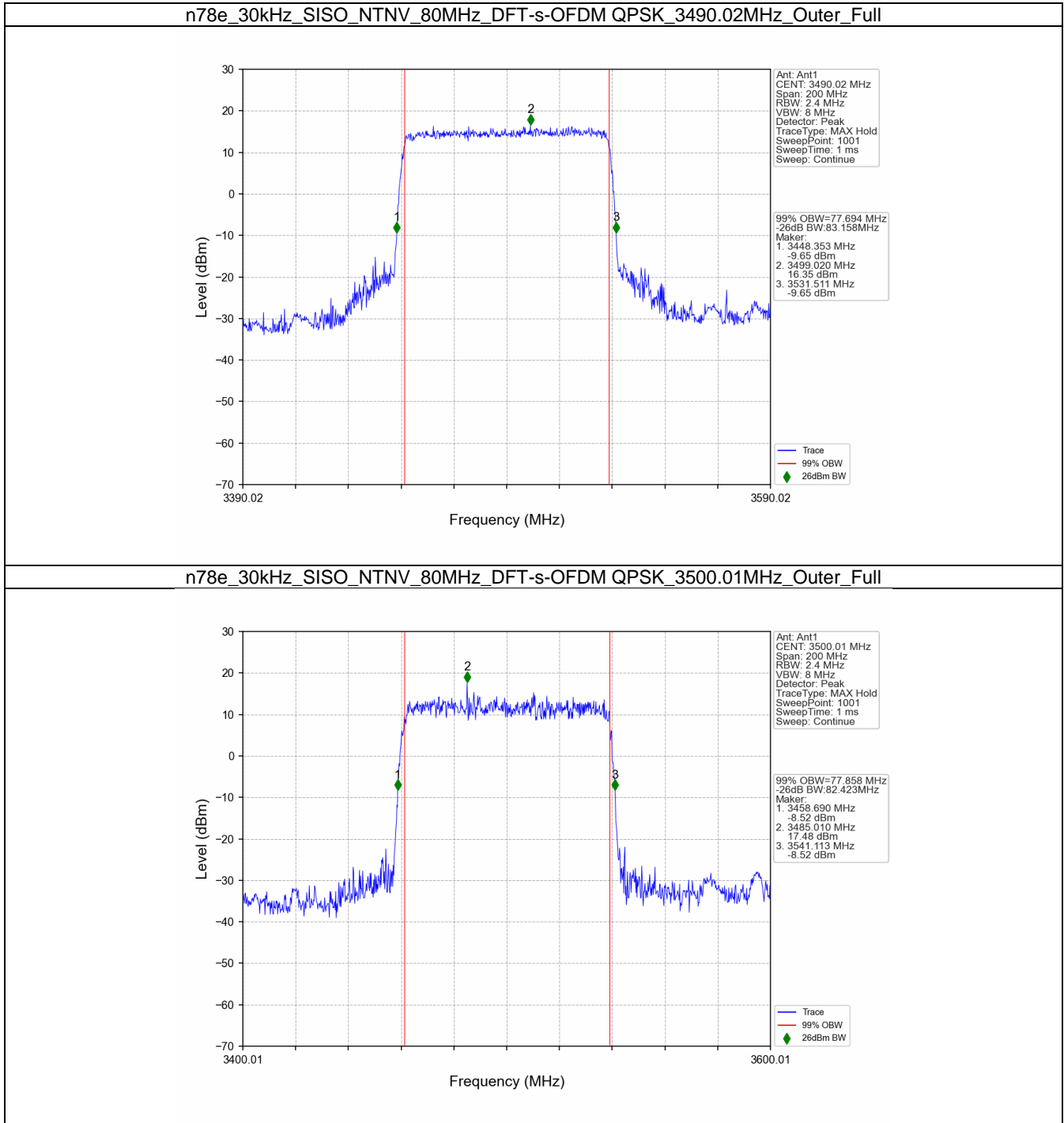


1.7 30k_SISO_80MHz_NTNV

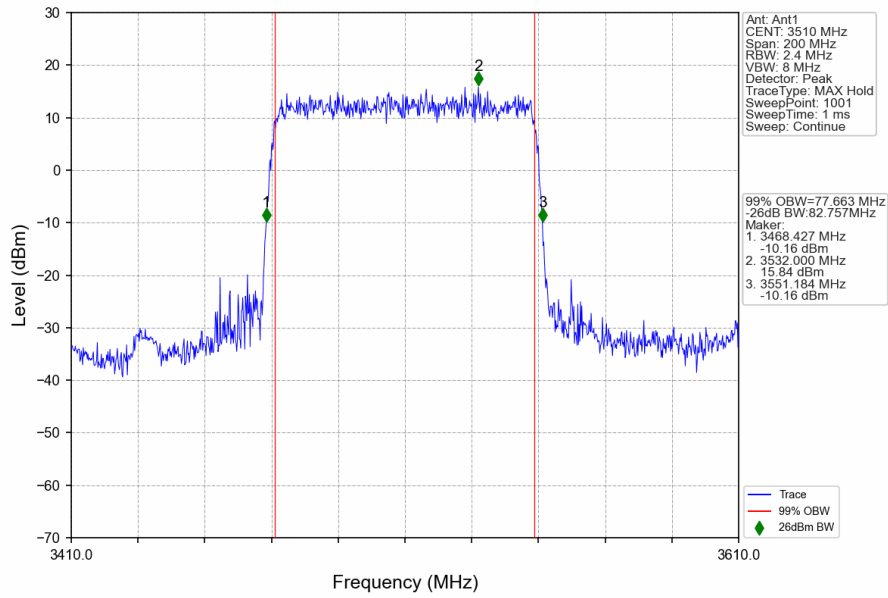
1.7.1 Test Result

5G NR n78e SCS=30kHz SISO 80MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3490.02	Outer_Full	77.69	83.16	/	Pass
	3500.01	Outer_Full	77.86	82.42	/	Pass
	3510	Outer_Full	77.66	82.76	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.76	82.94	/	Pass
	3500.01	Outer_Full	77.55	82.56	/	Pass
	3510	Outer_Full	77.70	82.78	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	77.68	82.96	/	Pass
	3500.01	Outer_Full	77.47	82.62	/	Pass
	3510	Outer_Full	77.66	82.67	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	78.09	83.52	/	Pass
	3500.01	Outer_Full	77.71	83.26	/	Pass
	3510	Outer_Full	77.68	82.95	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	78.12	83.38	/	Pass
	3500.01	Outer_Full	77.78	83.05	/	Pass
	3510	Outer_Full	77.91	83.04	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	78.13	83.30	/	Pass
	3500.01	Outer_Full	77.95	82.80	/	Pass
	3510	Outer_Full	78.14	83.02	/	Pass

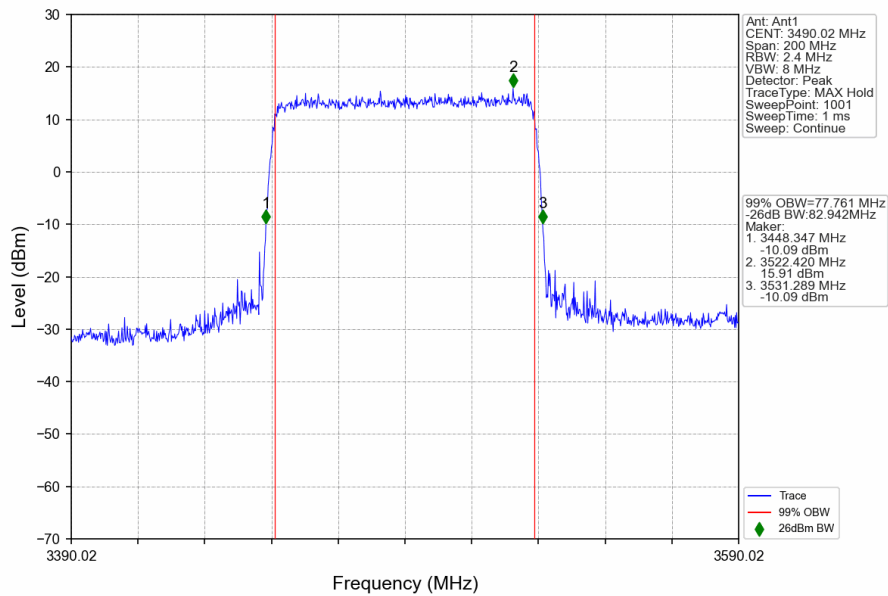
1.7.2 Test Graph



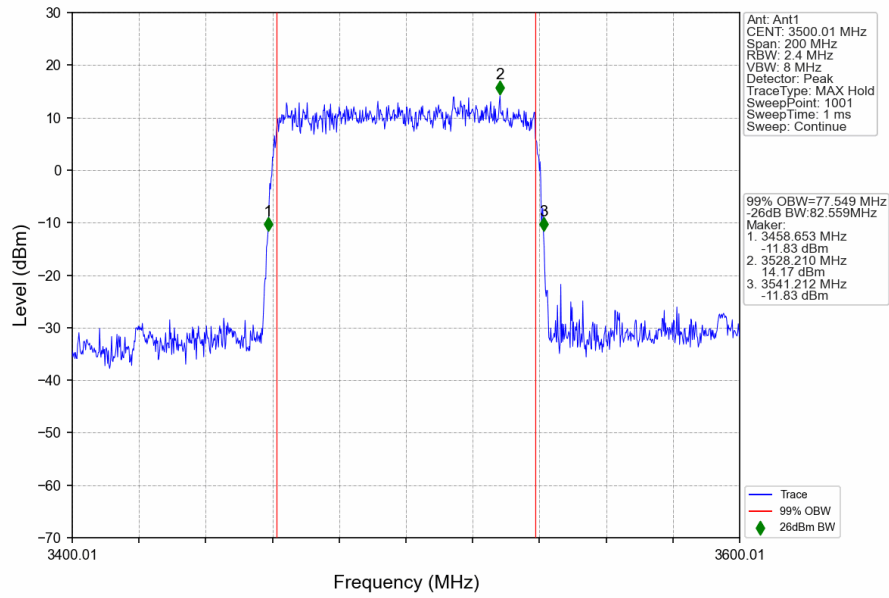
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Outer_Full



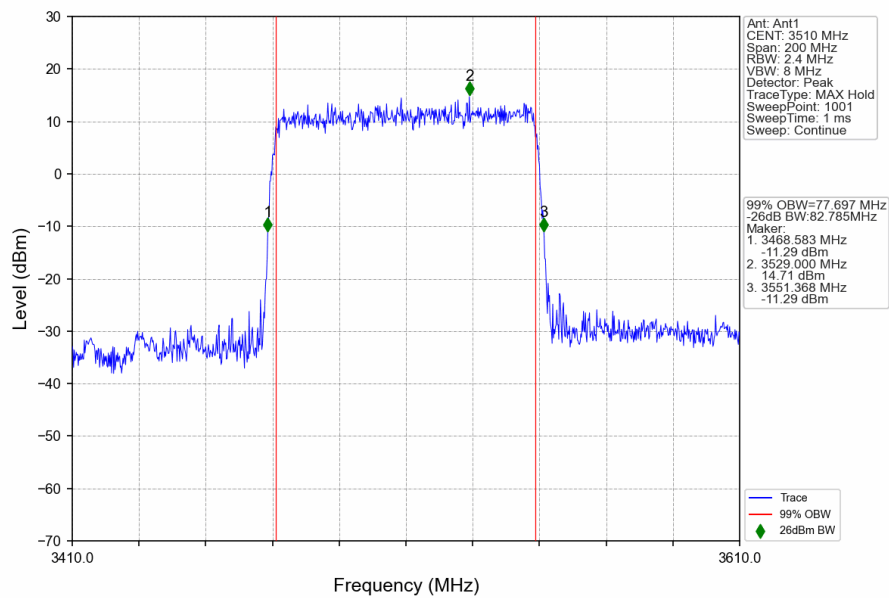
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3490.02MHz_Outer_Full



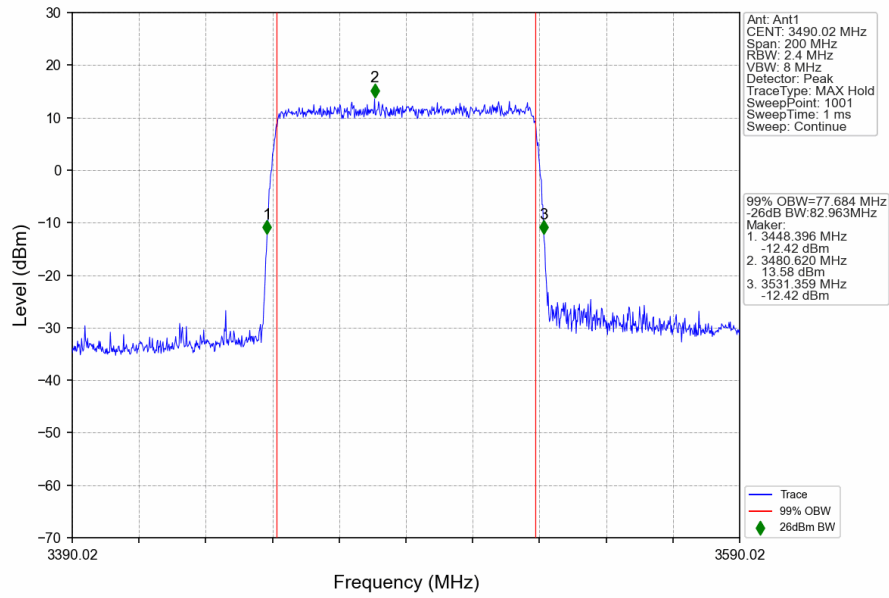
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



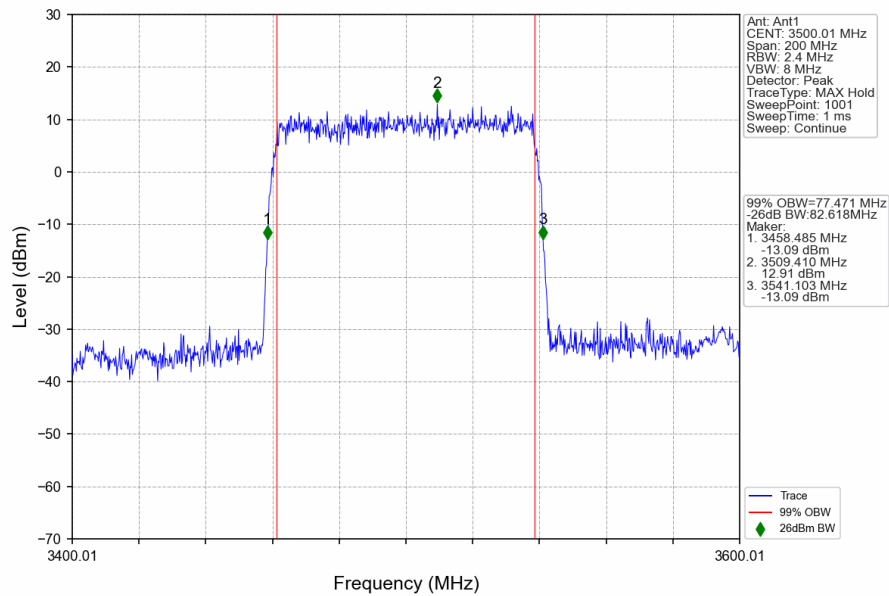
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3510MHz_Outer_Full



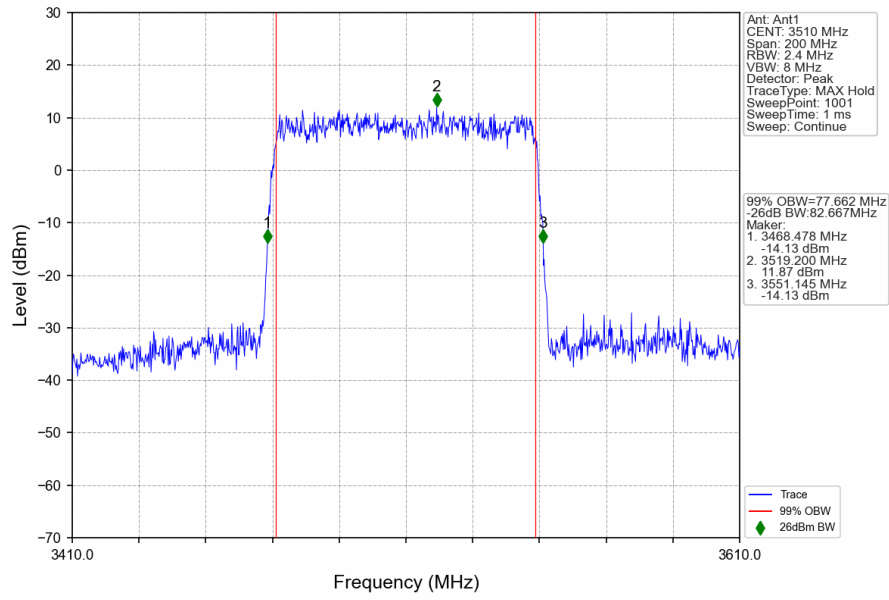
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3490.02MHz_Outer_Full



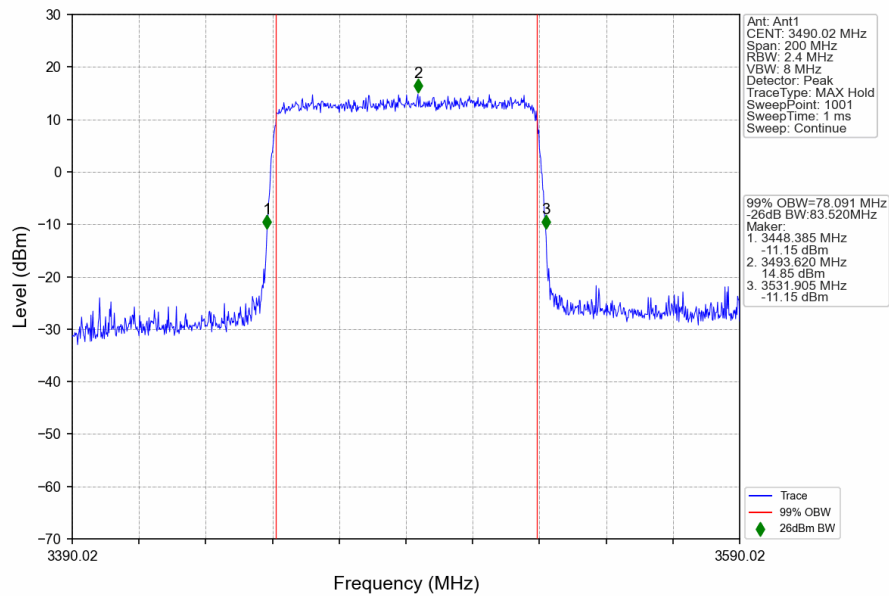
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



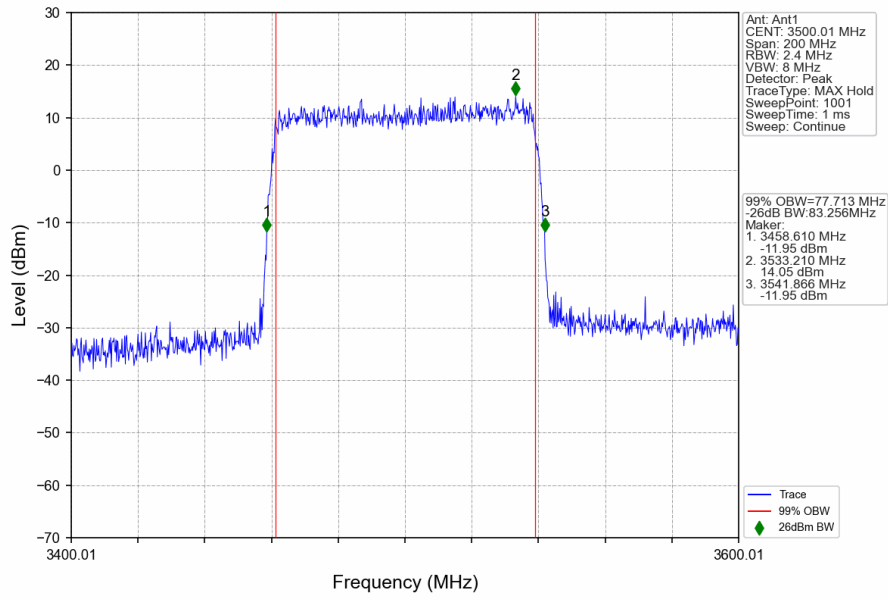
n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3510MHz_Outer_Full



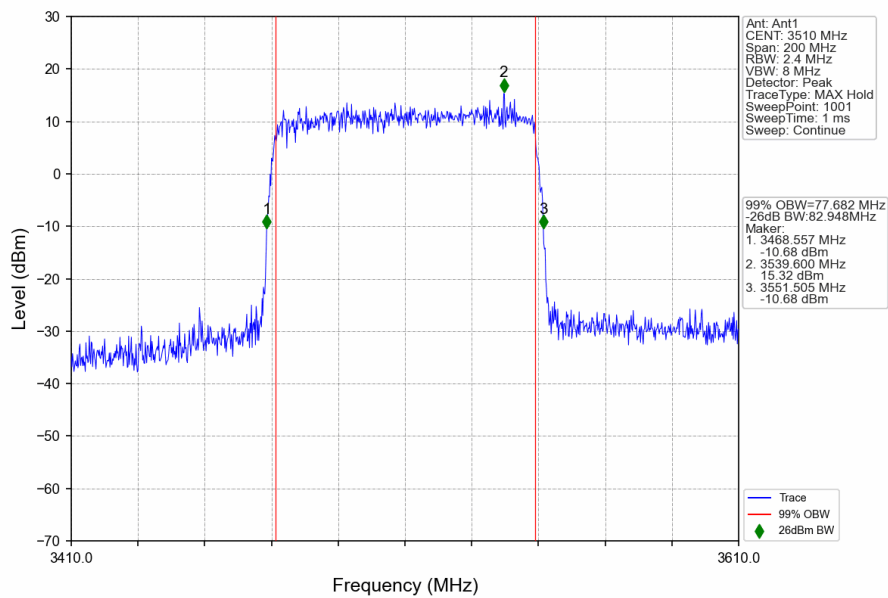
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3490.02MHz_Outer_Full



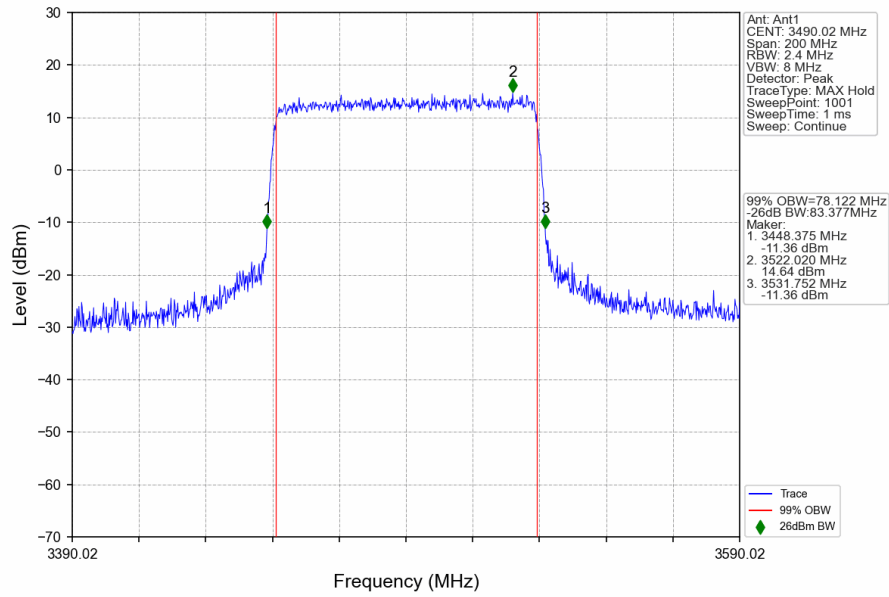
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



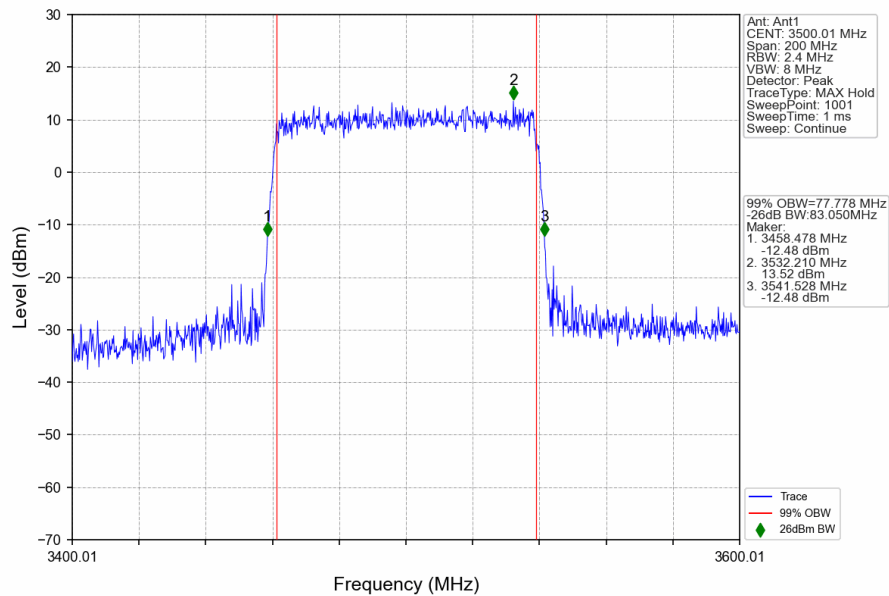
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3510MHz_Outer_Full



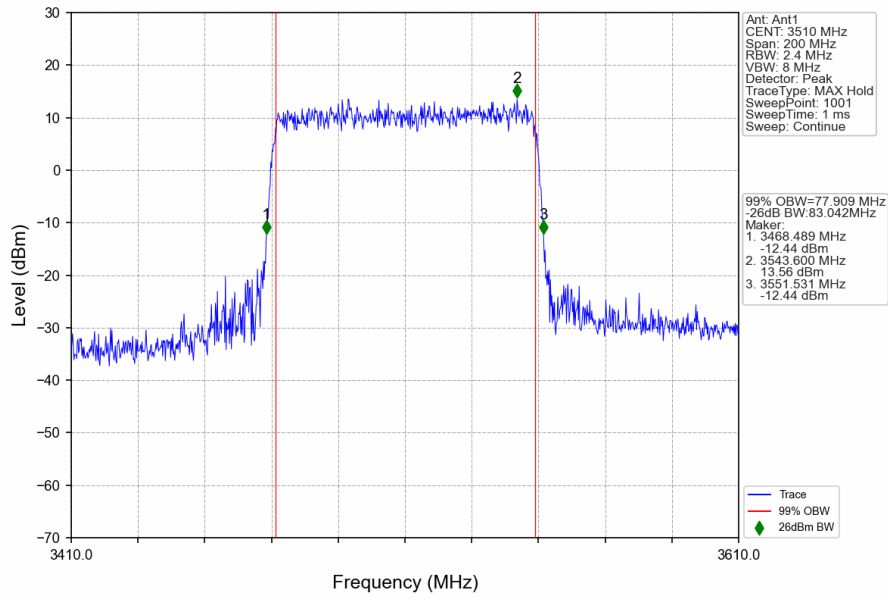
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3490.02MHz_Outer_Full



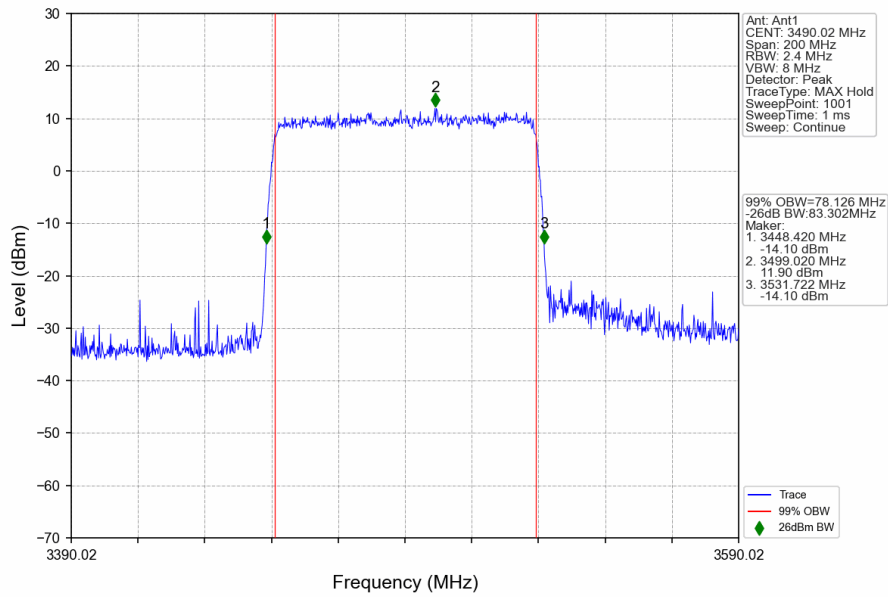
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



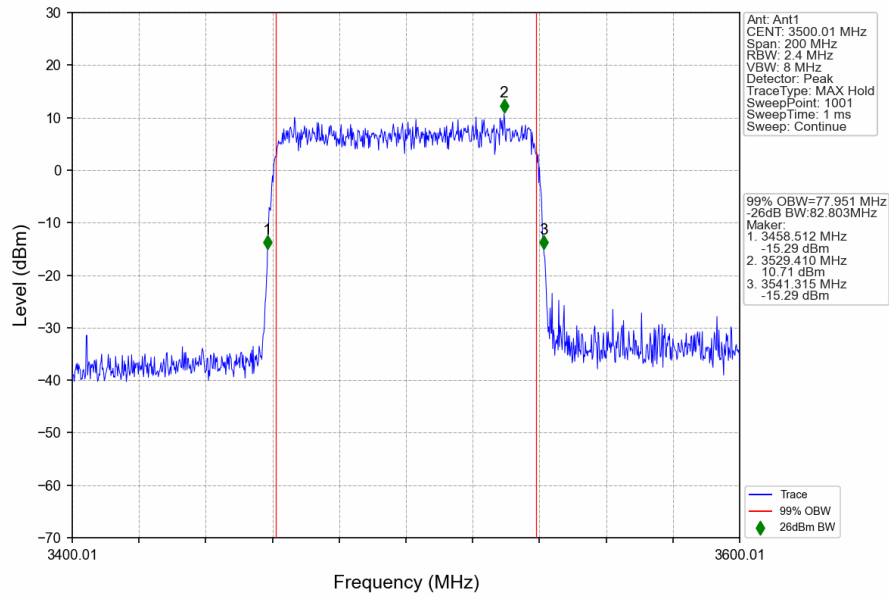
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3510MHz_Outer_Full



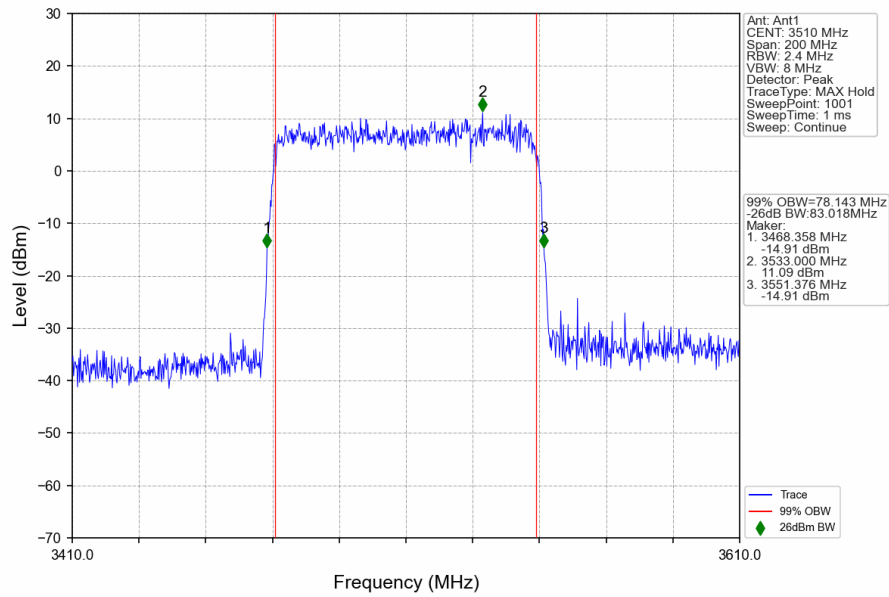
n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3490.02MHz_Outer_Full



n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3510MHz_Outer_Full

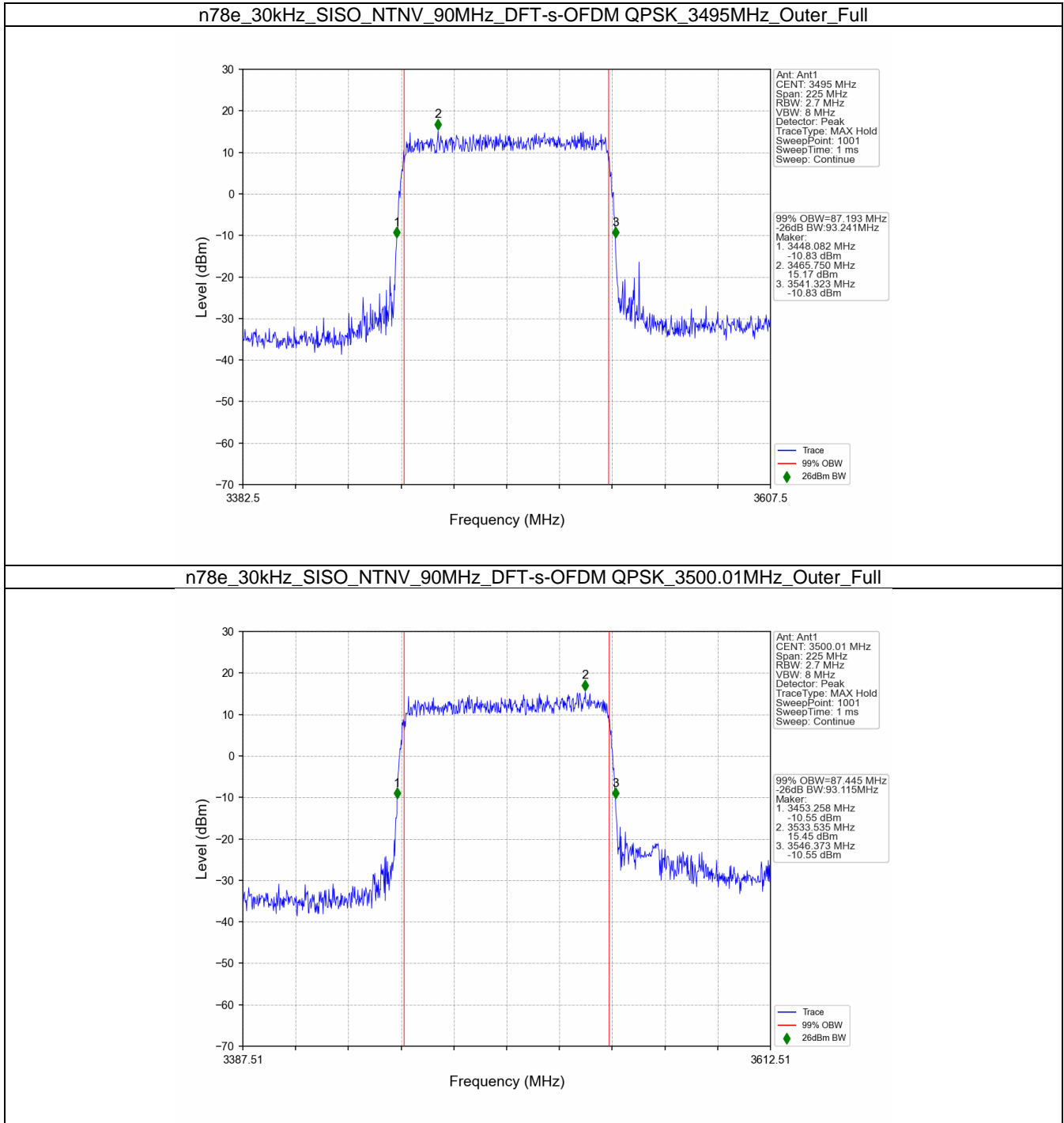


1.8 30k_SISO_90MHz_NTNV

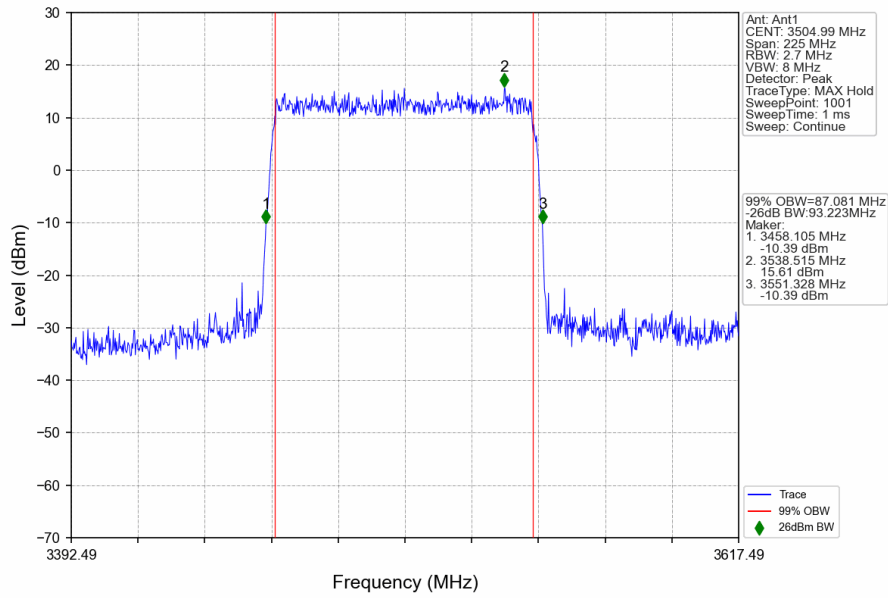
1.8.1 Test Result

5G NR n78e SCS=30kHz SISO 90MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3495	Outer_Full	87.19	93.24	/	Pass
	3500.01	Outer_Full	87.44	93.11	/	Pass
	3504.99	Outer_Full	87.08	93.22	/	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	86.99	92.60	/	Pass
	3500.01	Outer_Full	87.04	92.92	/	Pass
	3504.99	Outer_Full	87.48	92.56	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	87.56	92.55	/	Pass
	3500.01	Outer_Full	87.10	92.77	/	Pass
	3504.99	Outer_Full	87.27	92.94	/	Pass
CP-OFDM QPSK	3495	Outer_Full	87.78	93.19	/	Pass
	3500.01	Outer_Full	87.86	93.21	/	Pass
	3504.99	Outer_Full	87.90	93.27	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	88.11	93.52	/	Pass
	3500.01	Outer_Full	87.77	93.53	/	Pass
	3504.99	Outer_Full	88.11	94.05	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	87.80	93.72	/	Pass
	3500.01	Outer_Full	87.71	93.64	/	Pass
	3504.99	Outer_Full	87.64	93.33	/	Pass

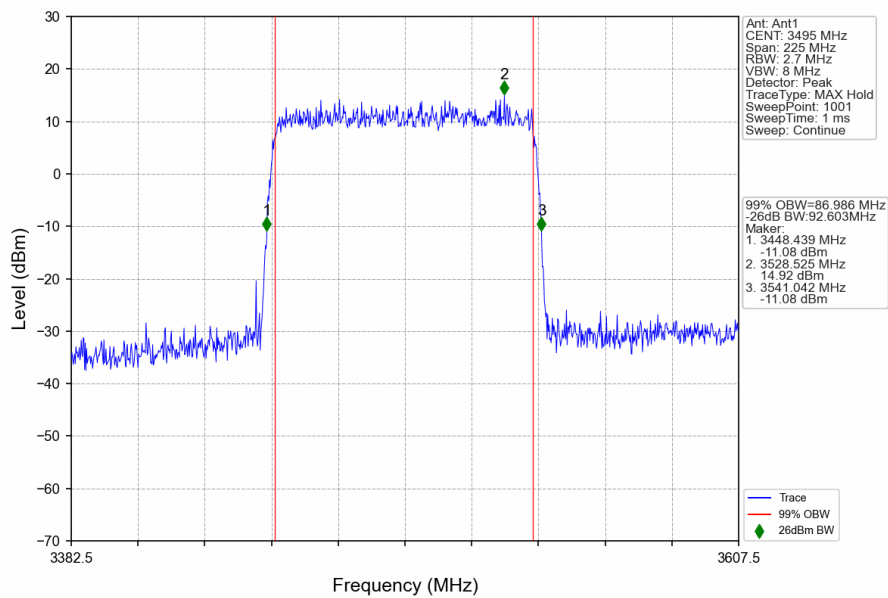
1.8.2 Test Graph



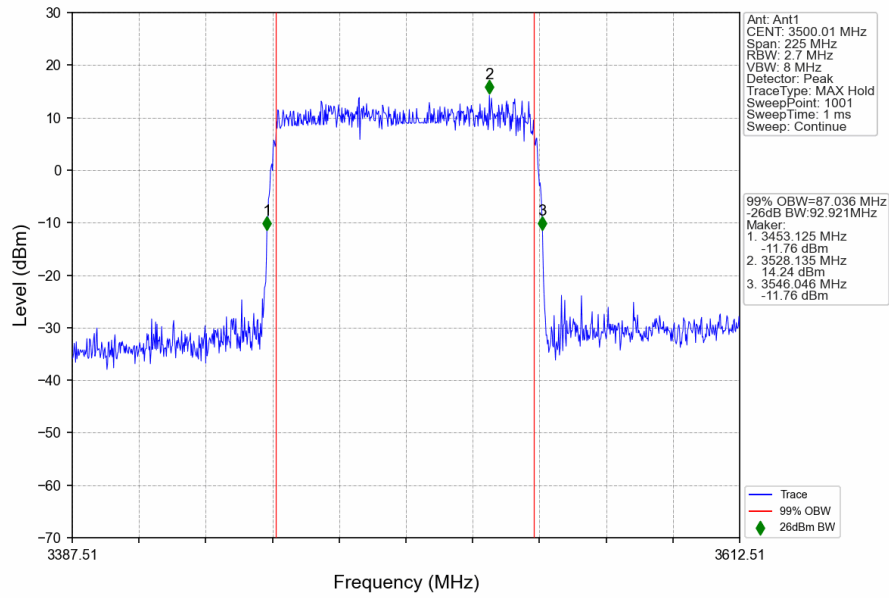
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3504.99MHz_Outer_Full



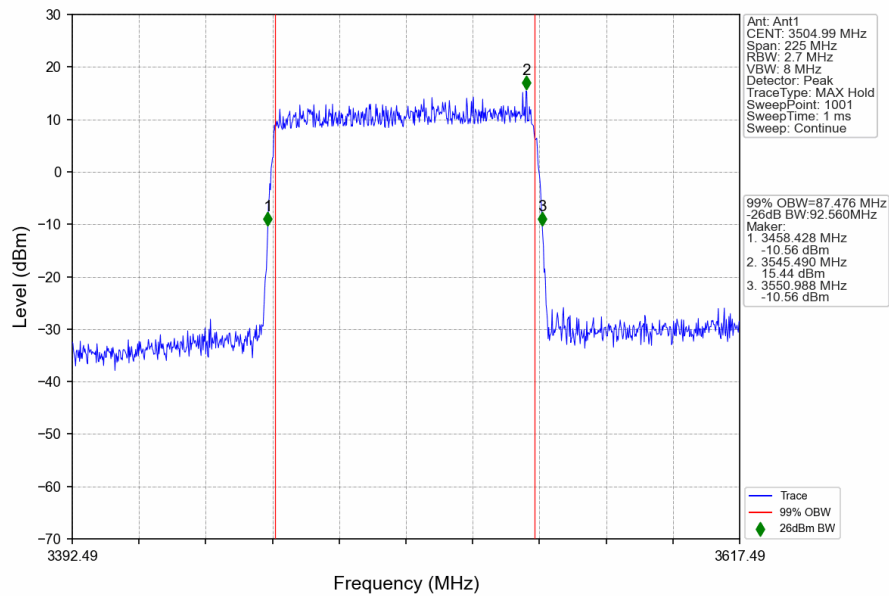
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3495MHz_Outer_Full



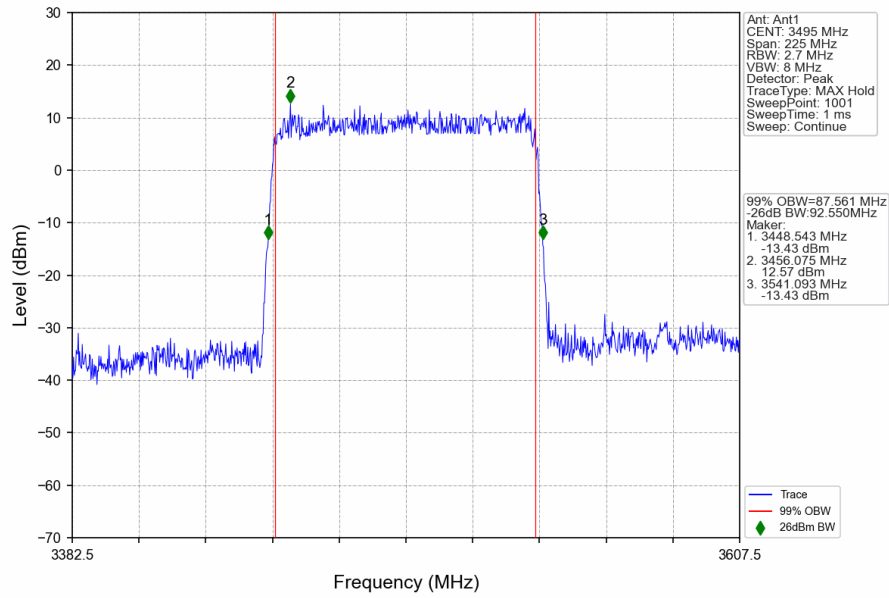
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



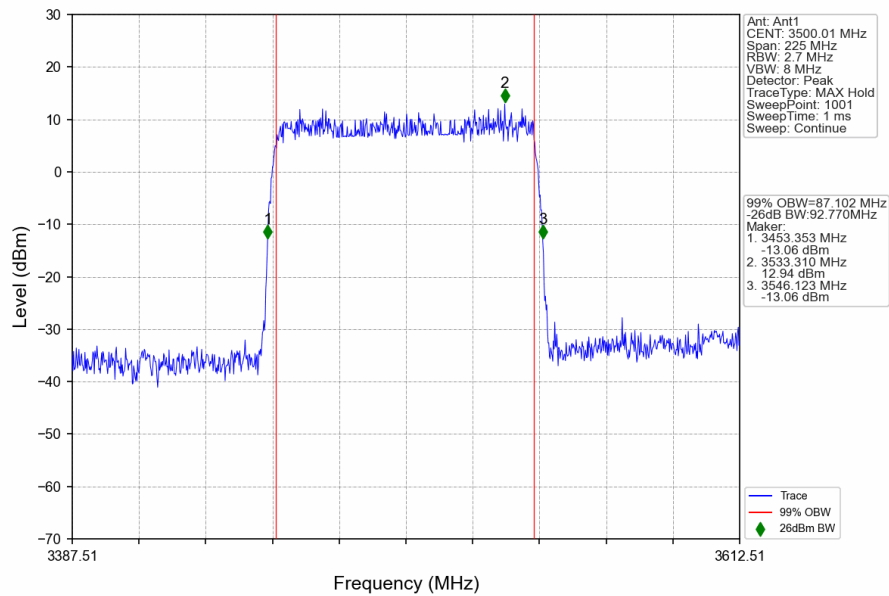
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3504.99MHz_Outer_Full



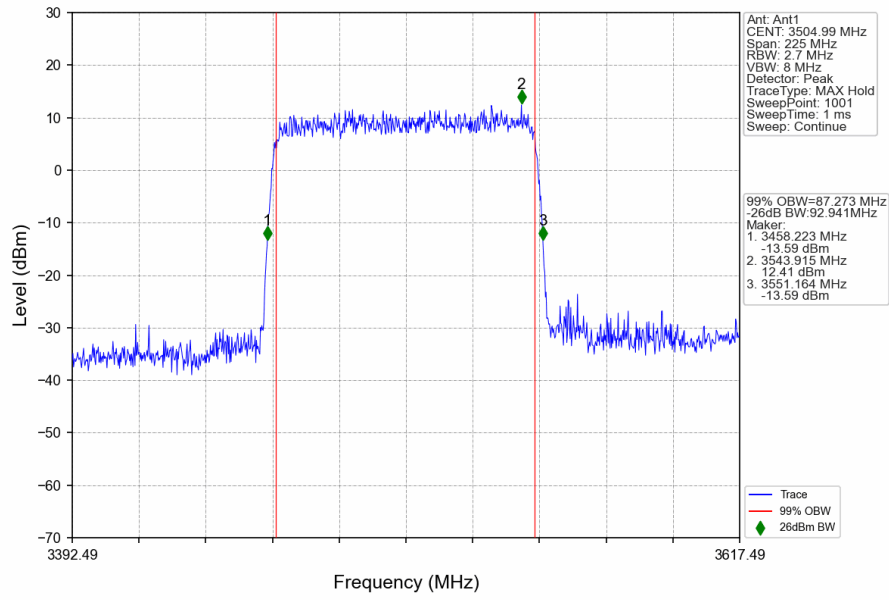
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3495MHz_Outer_Full



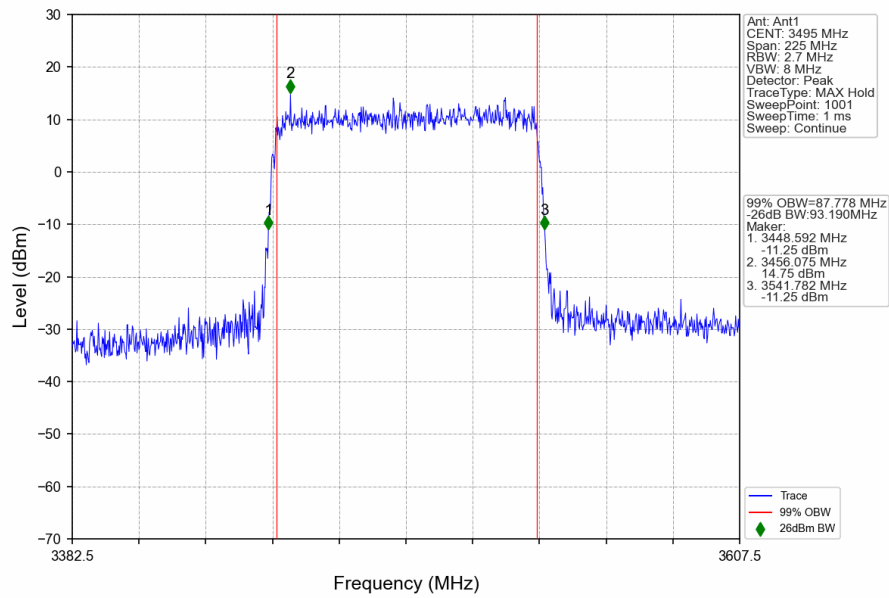
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full



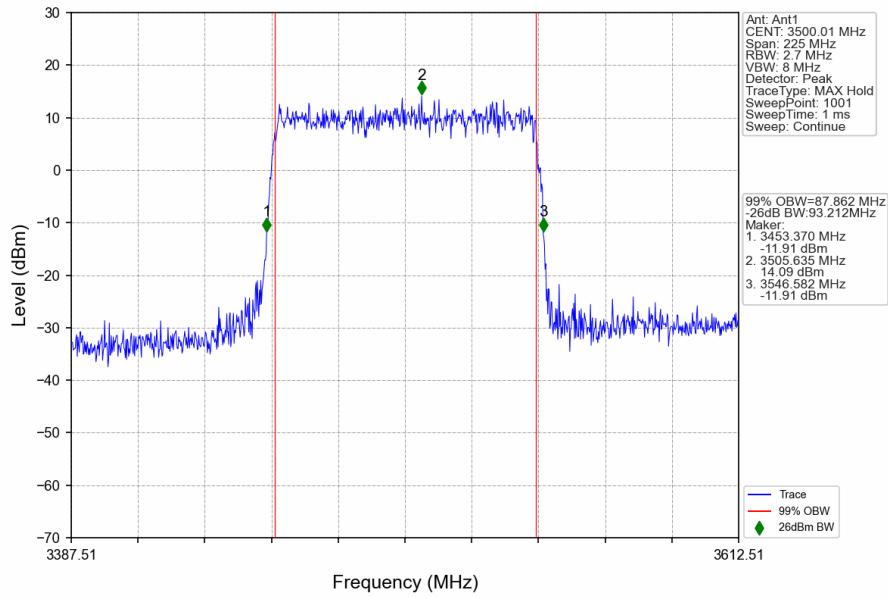
n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3504.99MHz_Outer_Full



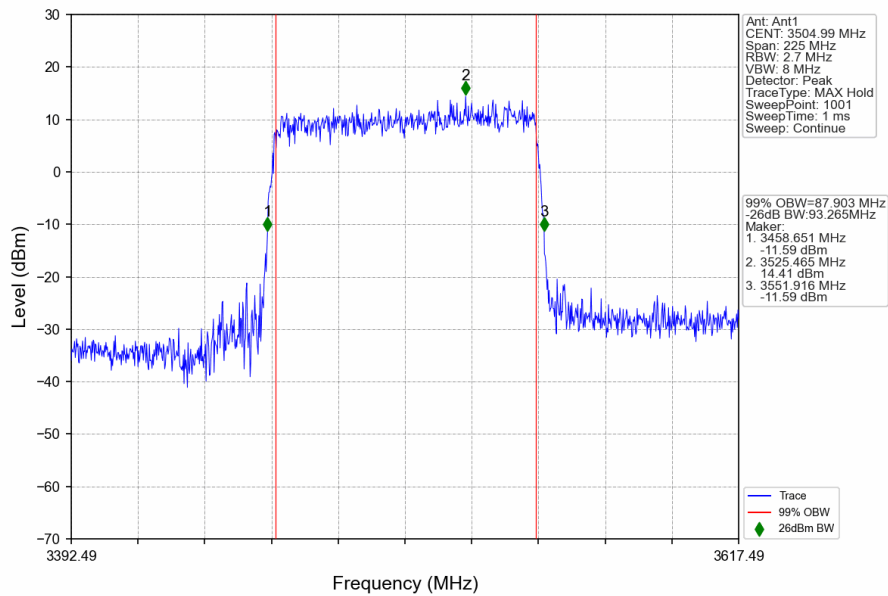
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3495MHz_Outer_Full



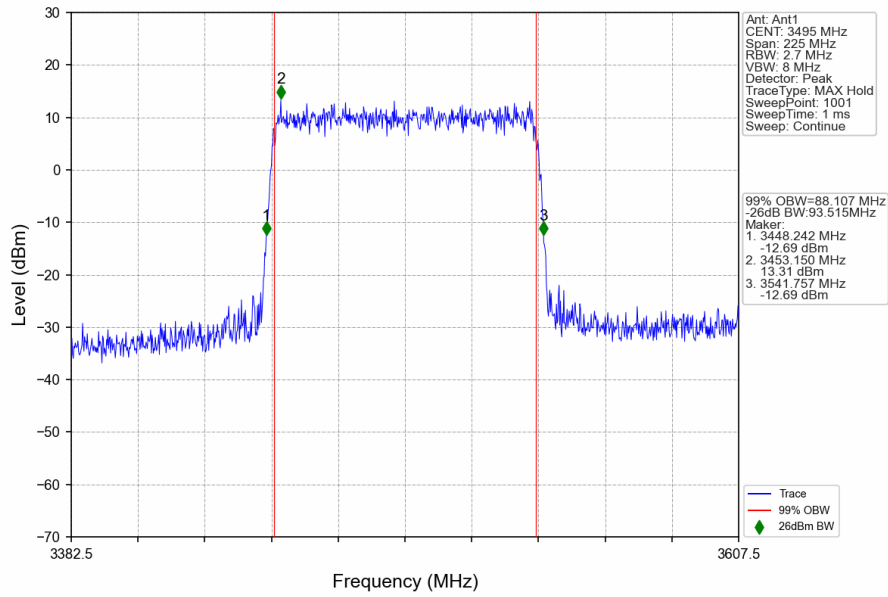
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



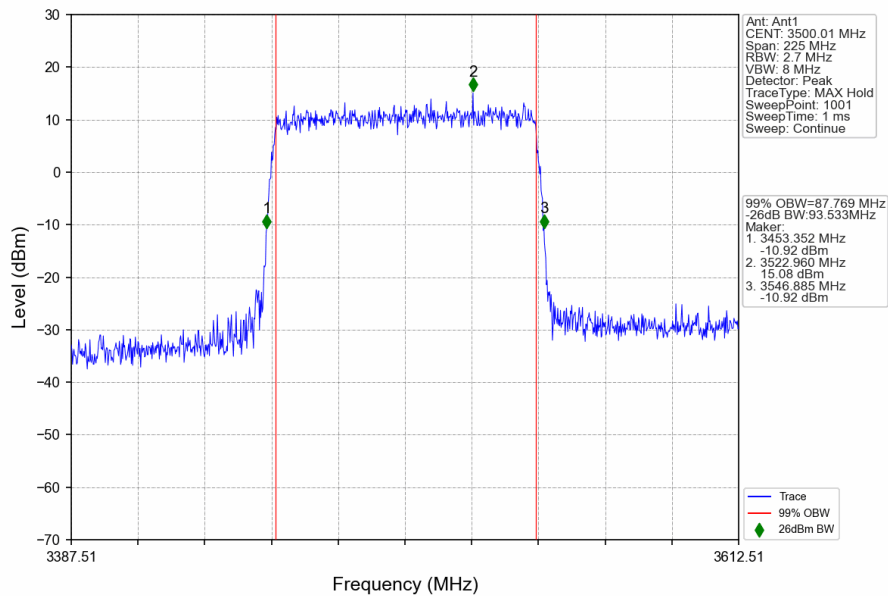
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Outer_Full



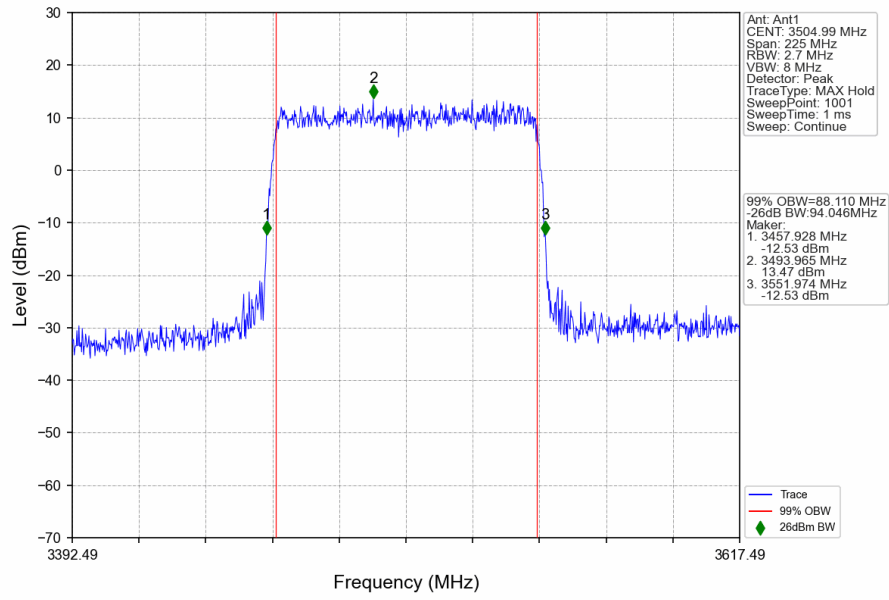
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3495MHz_Outer_Full



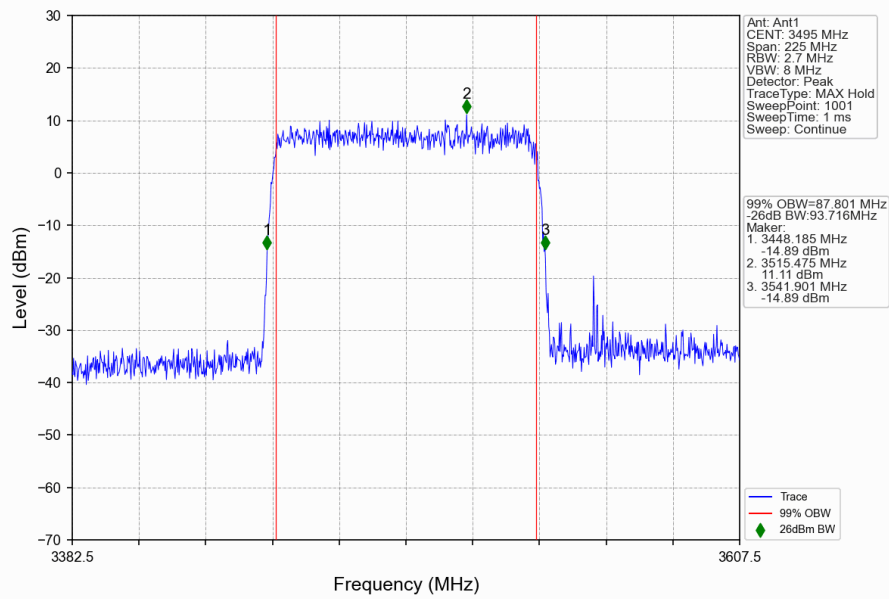
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



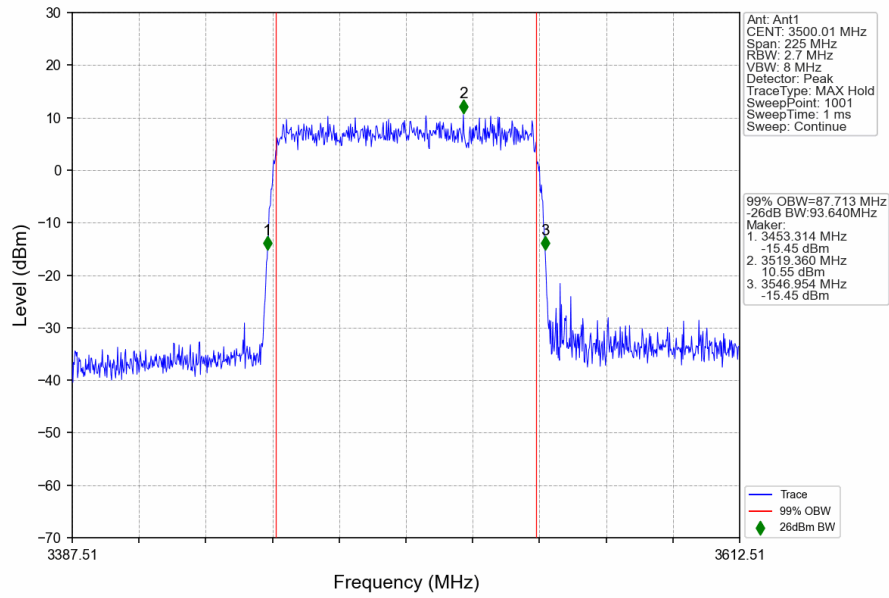
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3504.99MHz_Outer_Full



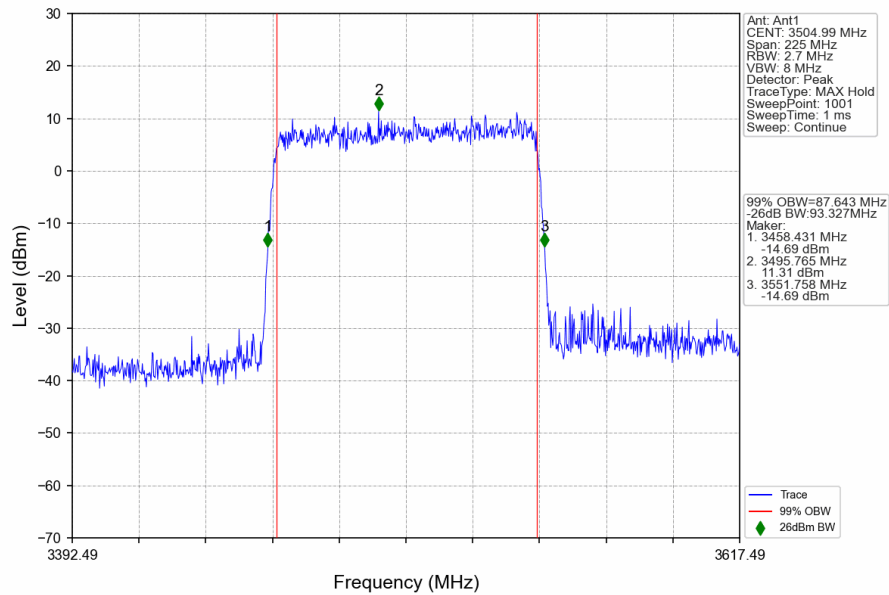
n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3495MHz_Outer_Full



n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3504.99MHz_Outer_Full

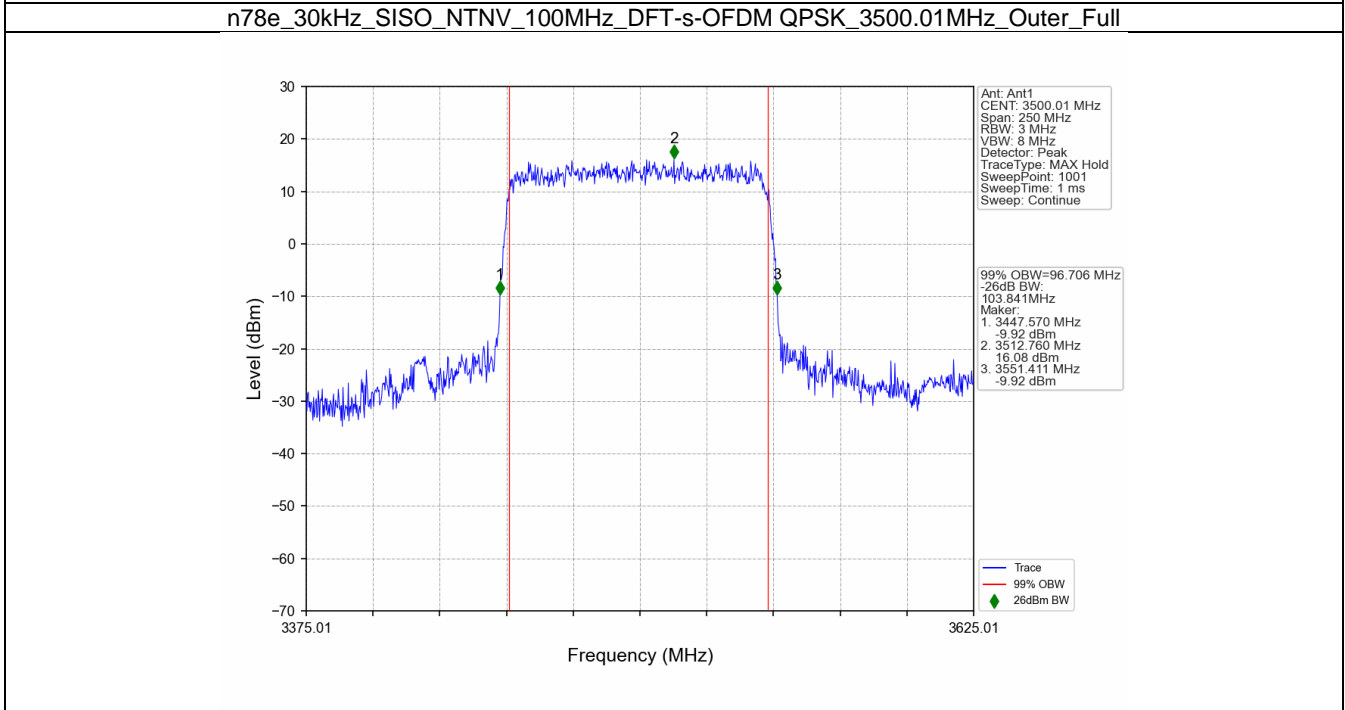


1.9 30k_SISO_100MHz_NTNV

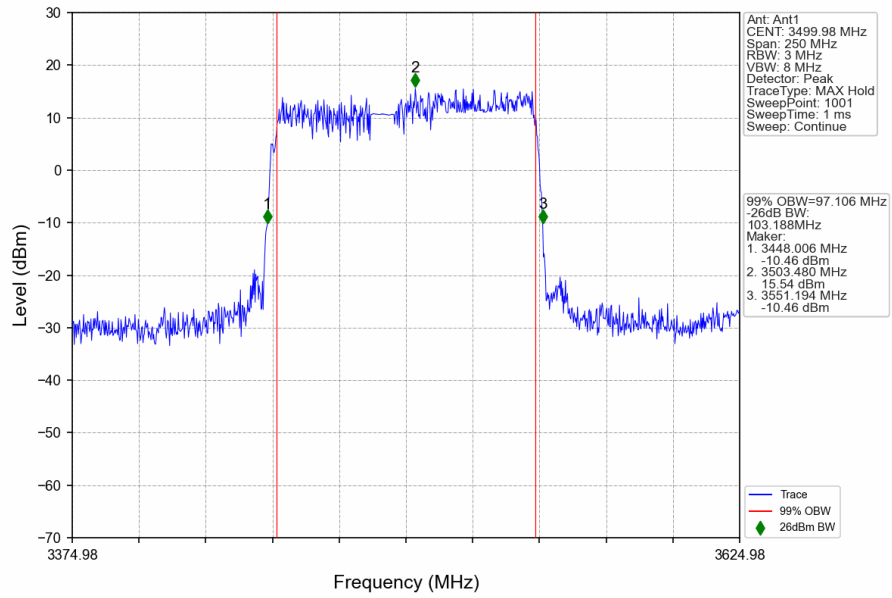
1.9.1 Test Result

5G NR n78e SCS=30kHz SISO 100MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.12	103.59	/	Pass
	3500.01	Outer_Full	96.71	103.84	/	Pass
	3499.98	Outer_Full	97.11	103.19	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.83	103.40	/	Pass
	3500.01	Outer_Full	96.71	102.99	/	Pass
	3499.98	Outer_Full	96.95	103.48	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	97.22	103.28	/	Pass
	3500.01	Outer_Full	96.67	103.06	/	Pass
	3499.98	Outer_Full	96.95	103.42	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.13	104.37	/	Pass
	3500.01	Outer_Full	97.73	104.44	/	Pass
	3499.98	Outer_Full	98.00	104.45	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.88	104.20	/	Pass
	3500.01	Outer_Full	97.91	104.18	/	Pass
	3499.98	Outer_Full	97.98	104.47	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.81	104.08	/	Pass
	3500.01	Outer_Full	98.01	104.09	/	Pass
	3499.98	Outer_Full	98.31	104.17	/	Pass

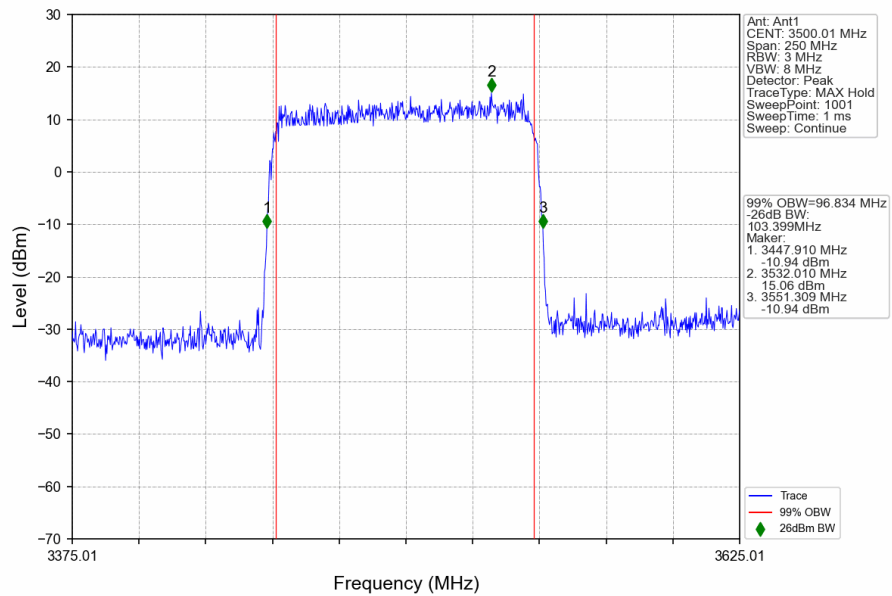
1.9.2 Test Graph



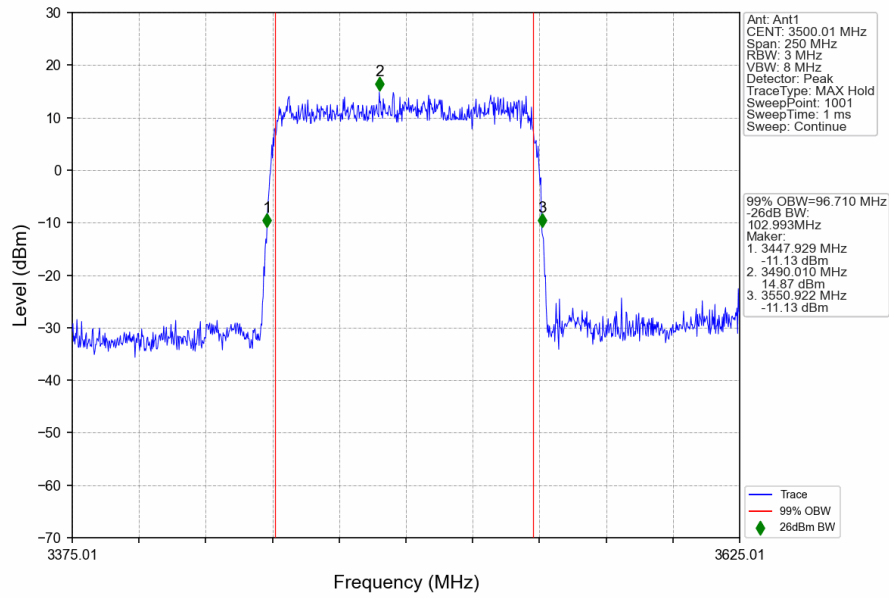
n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3499.98MHz_Outer_Full



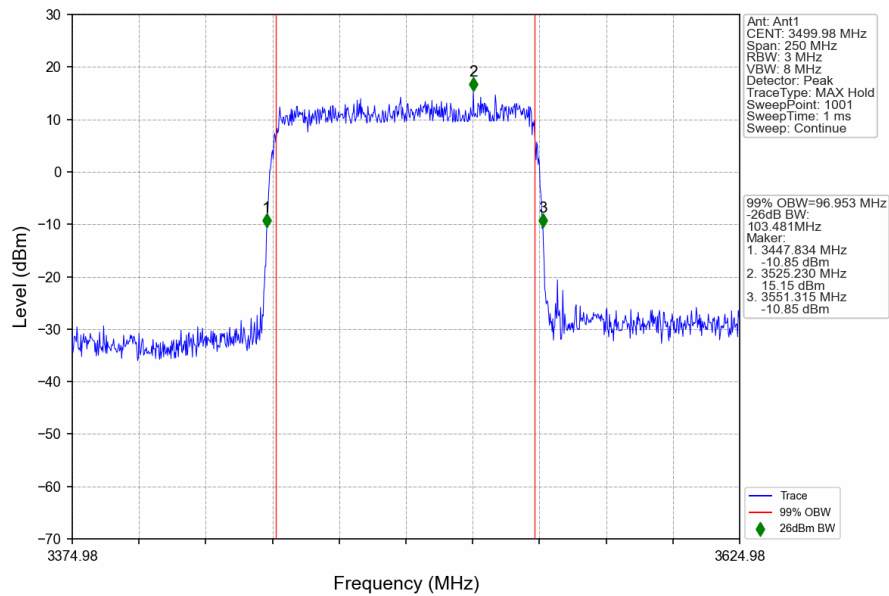
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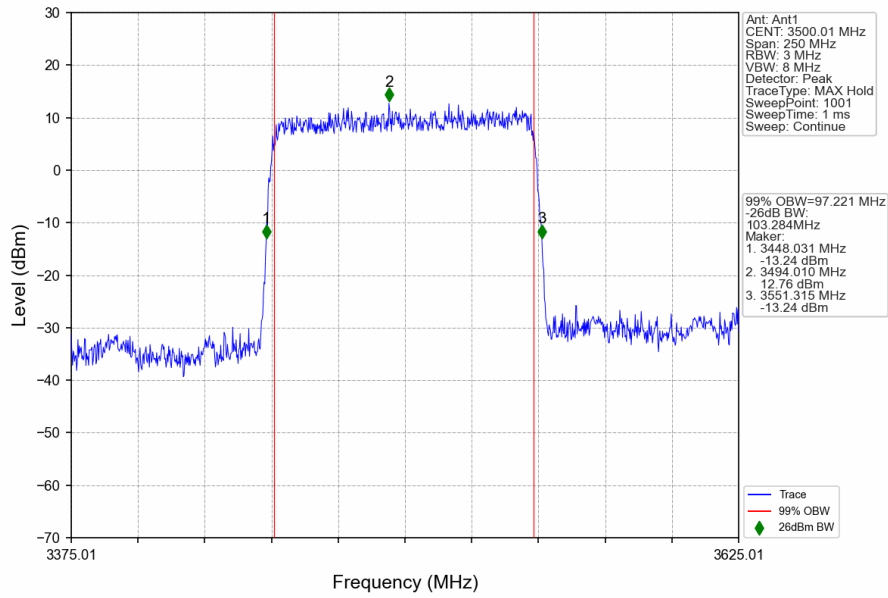
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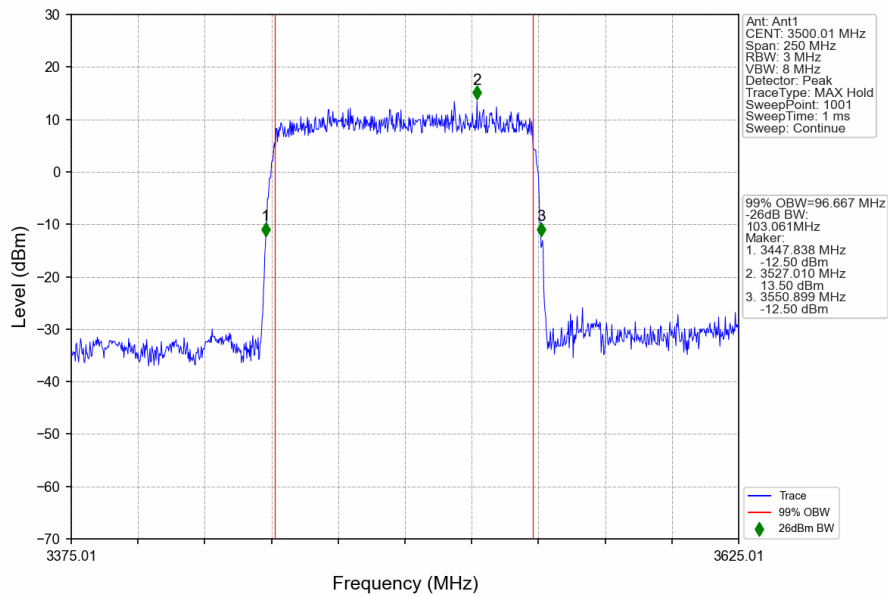
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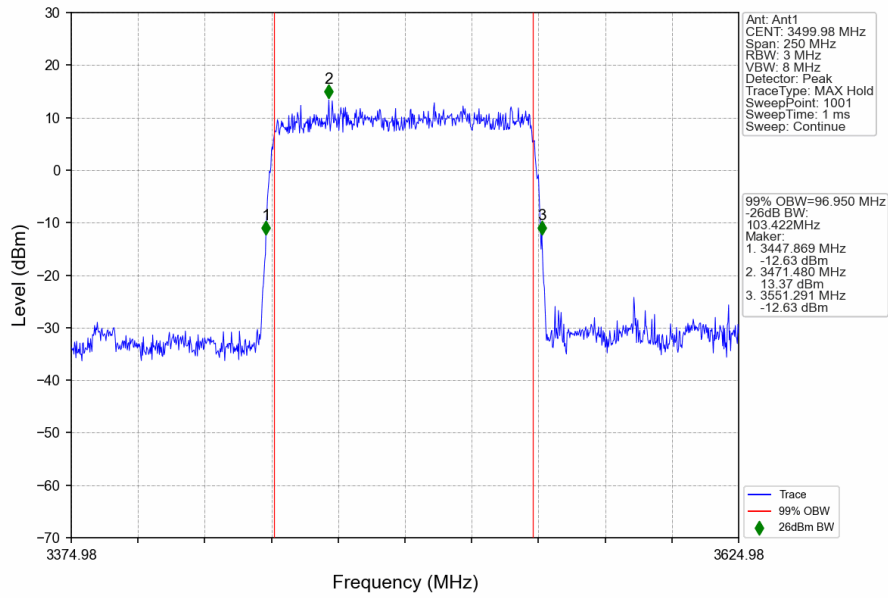
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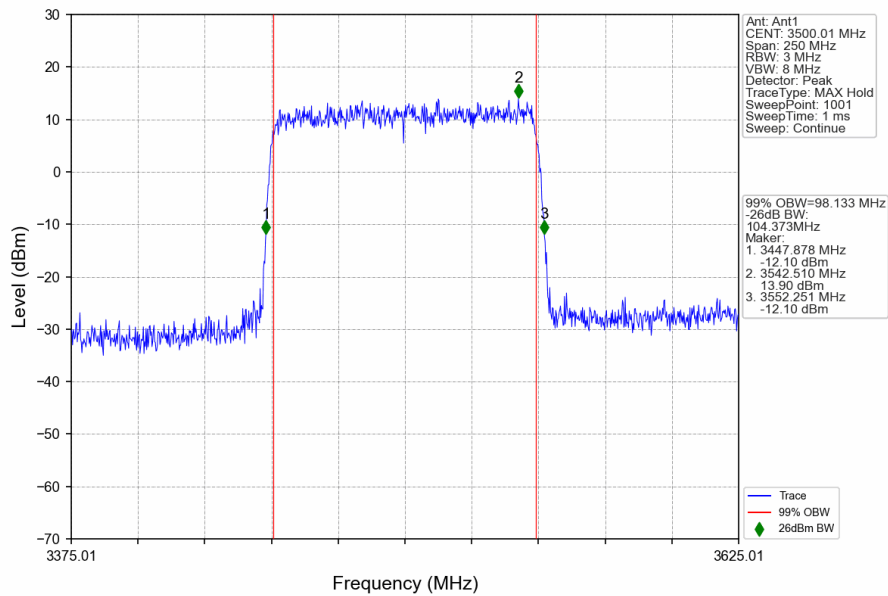
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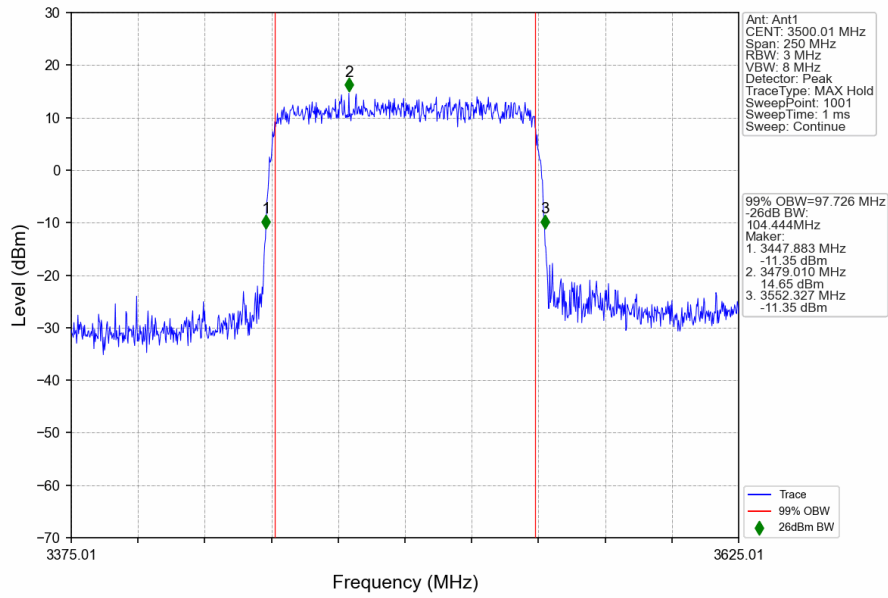
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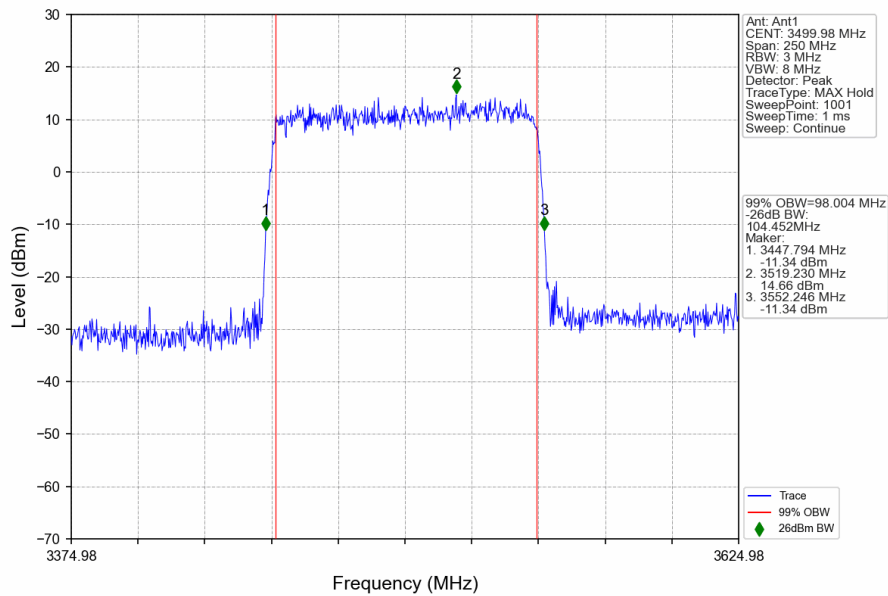
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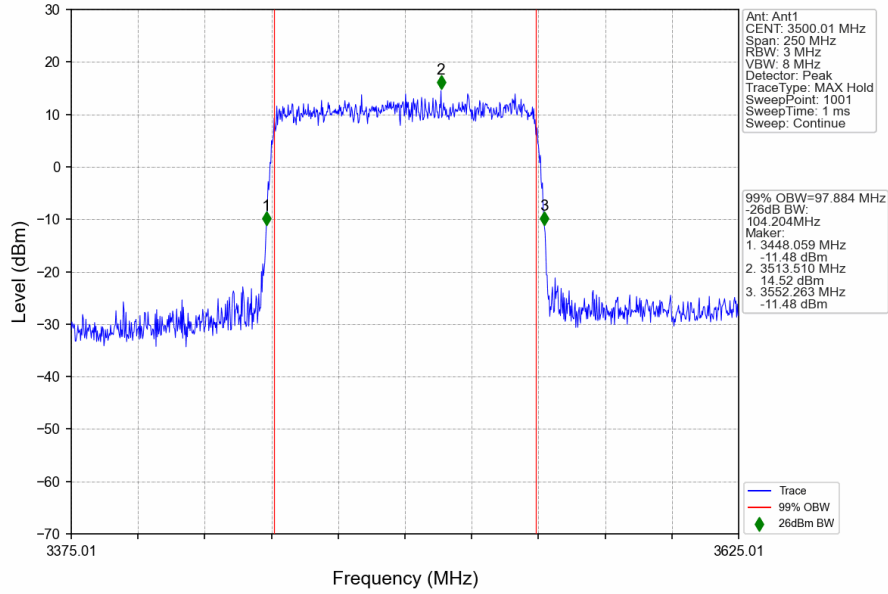
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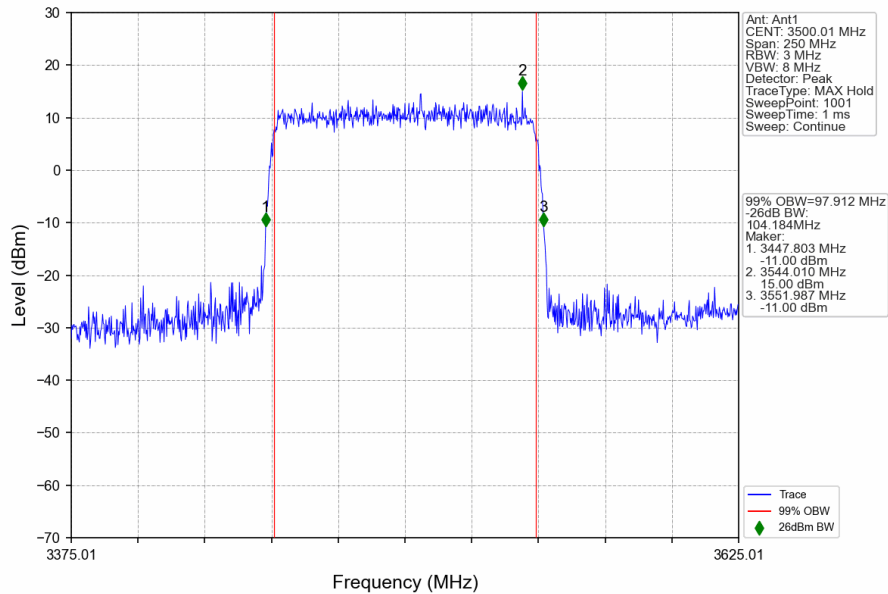
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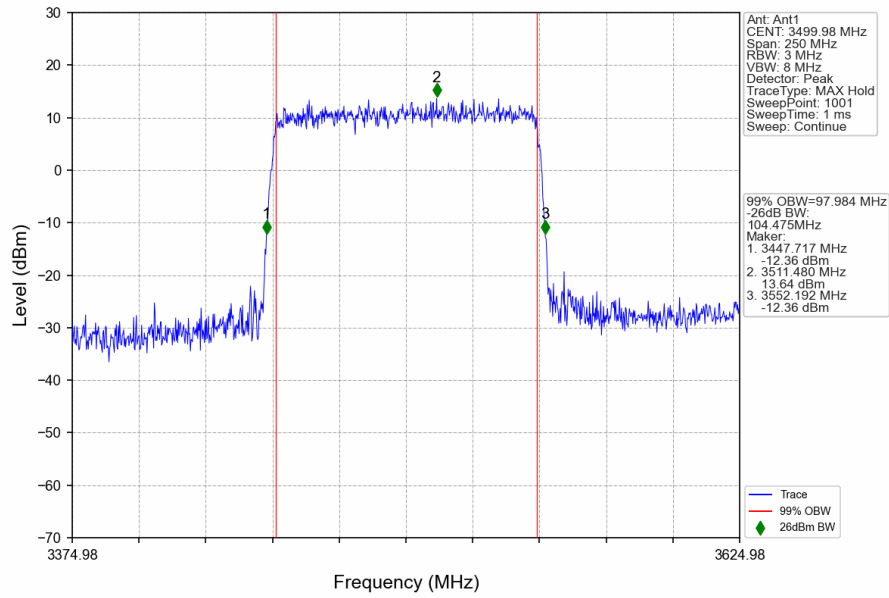
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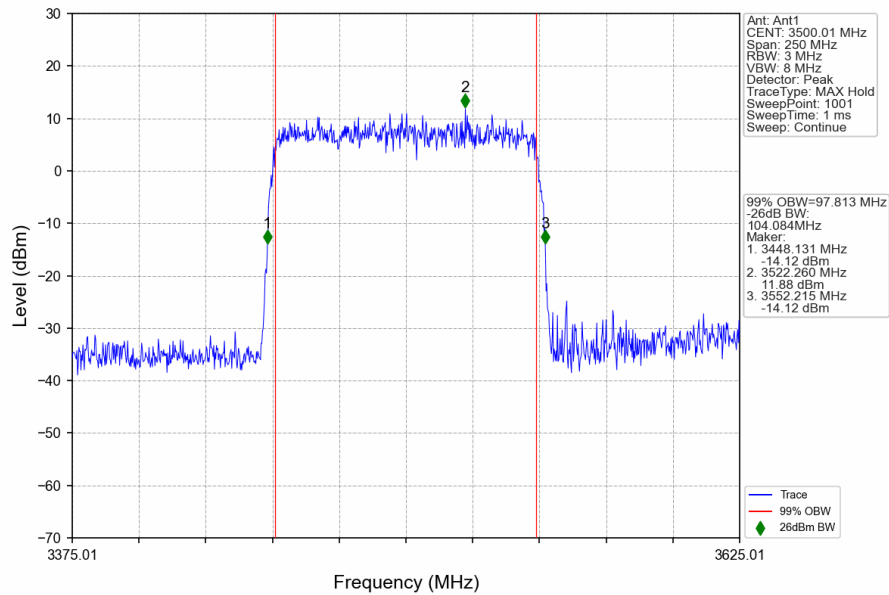
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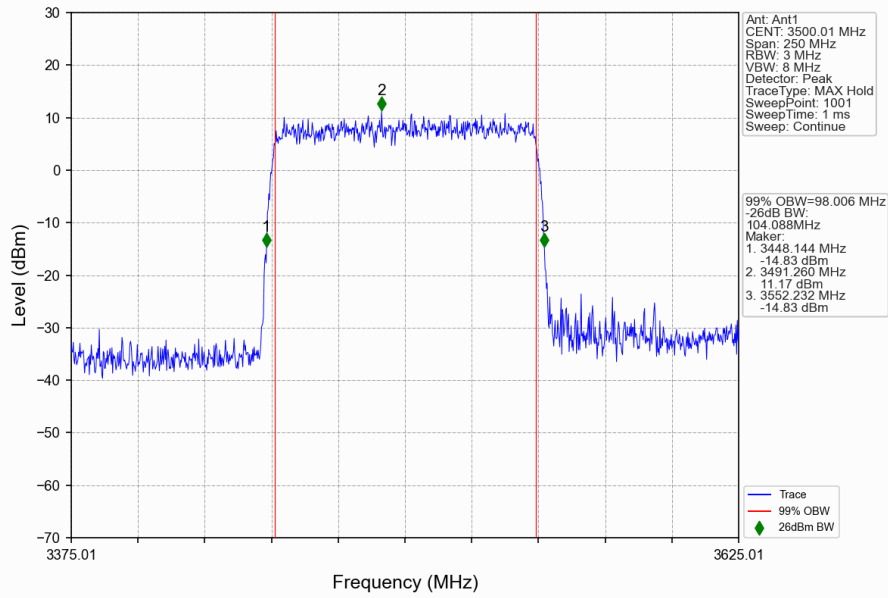
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3499.98MHz_Outer_Full

