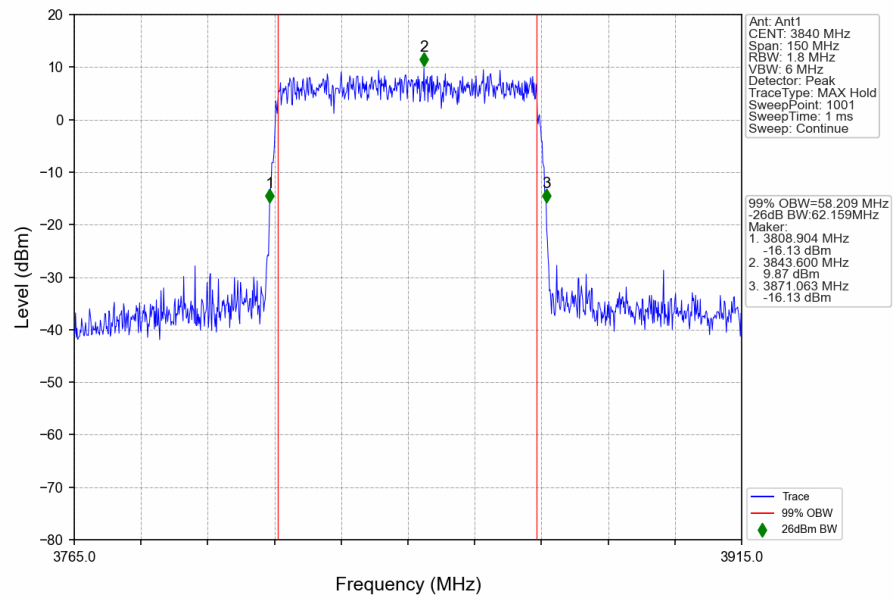
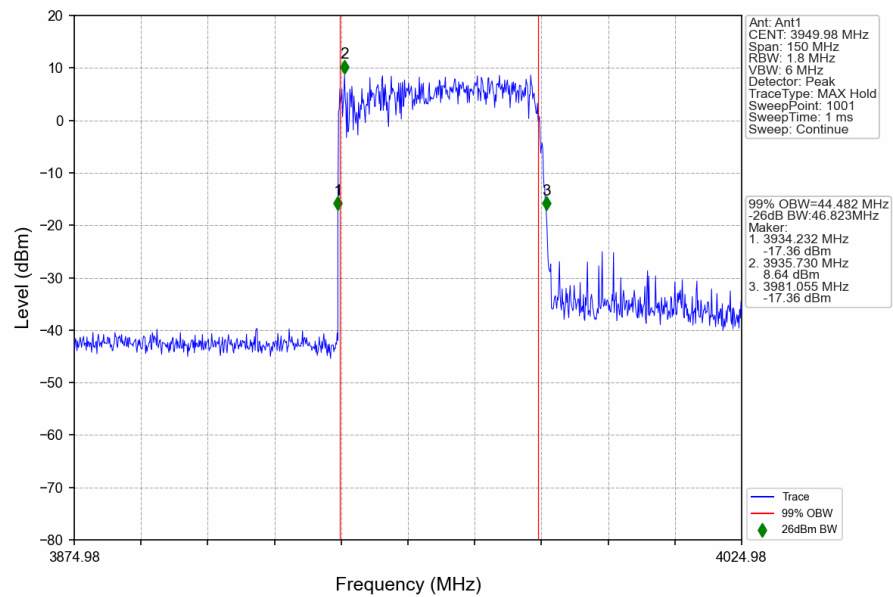


n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full



n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3949.98MHz_Outer_Full

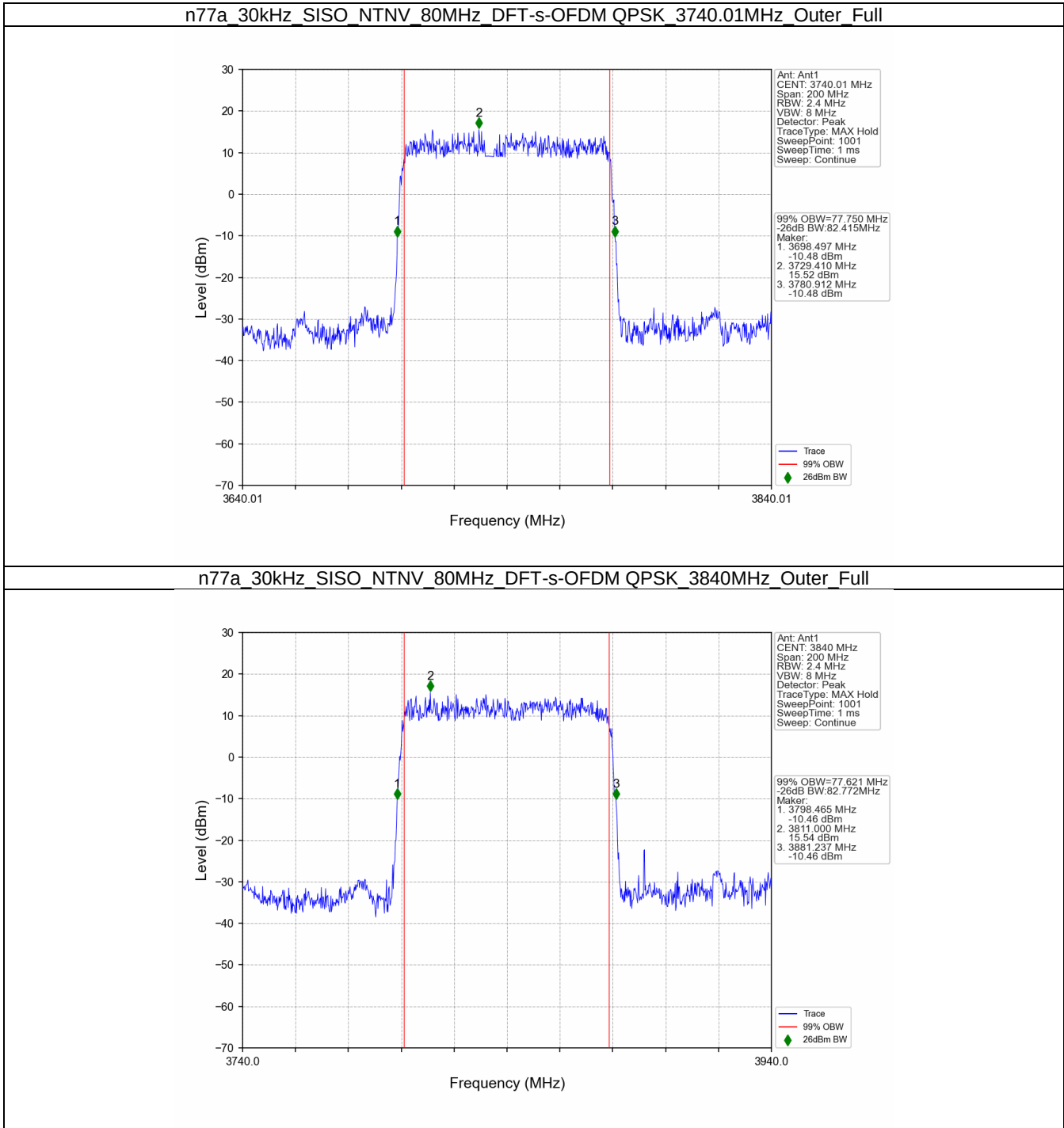


1.5 30k_SISO_80MHz_NTNV

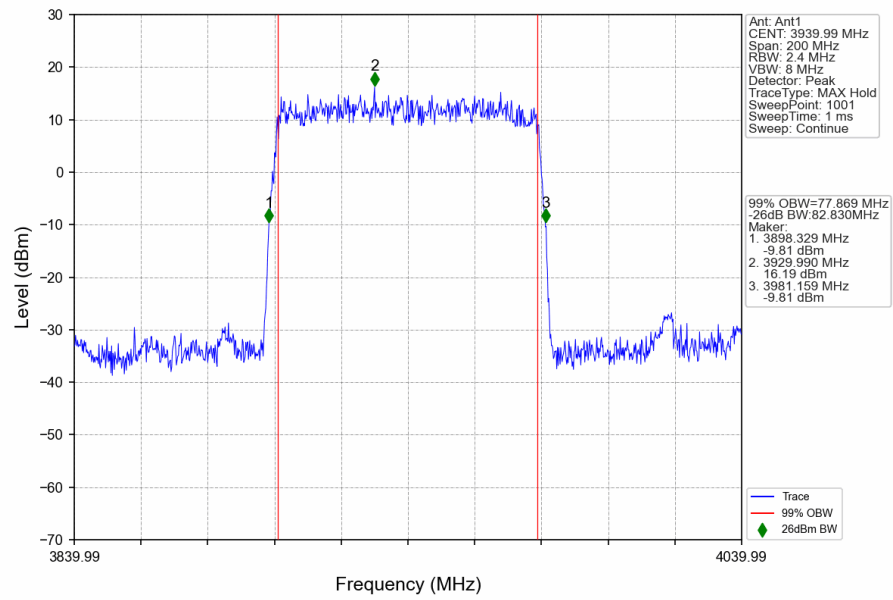
1.5.1 Test Result

5G NR n77a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3740.01	Outer_Full	77.75	82.42	/	Pass
	3840	Outer_Full	77.62	82.77	/	Pass
	3939.99	Outer_Full	77.87	82.83	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.49	82.37	/	Pass
	3840	Outer_Full	77.83	82.10	/	Pass
	3939.99	Outer_Full	77.39	82.08	/	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	77.45	82.73	/	Pass
	3840	Outer_Full	77.48	82.32	/	Pass
	3939.99	Outer_Full	77.43	82.89	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	78.00	83.13	/	Pass
	3840	Outer_Full	78.14	83.16	/	Pass
	3939.99	Outer_Full	77.83	82.99	/	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	77.96	82.62	/	Pass
	3840	Outer_Full	77.92	82.73	/	Pass
	3939.99	Outer_Full	78.23	82.64	/	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	78.07	82.49	/	Pass
	3840	Outer_Full	77.97	82.97	/	Pass
	3939.99	Outer_Full	77.59	82.96	/	Pass

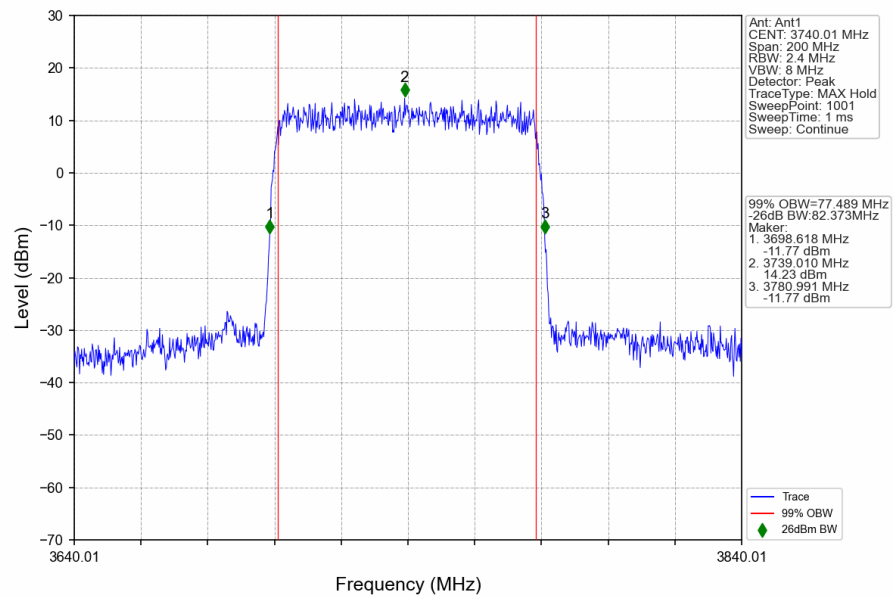
1.5.2 Test Graph



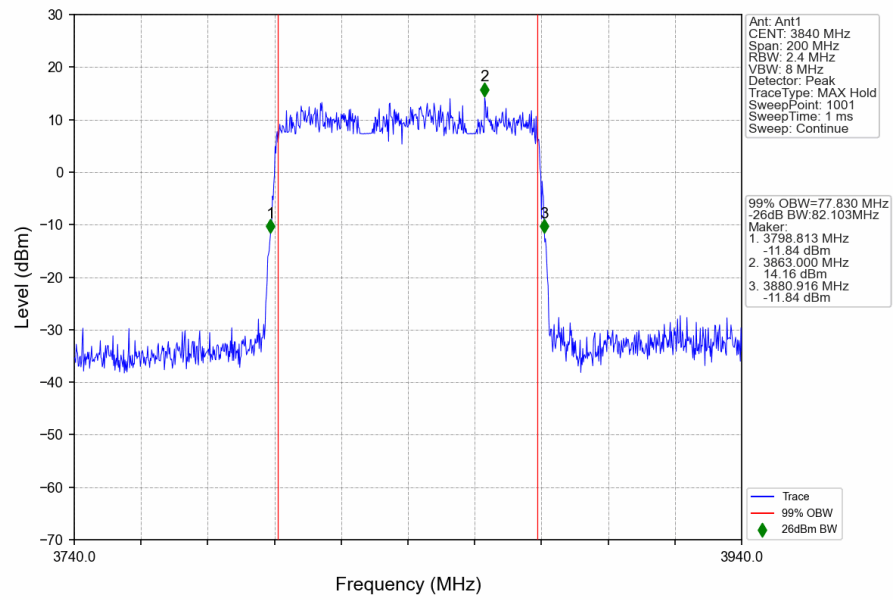
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3939.99MHz_Outer_Full



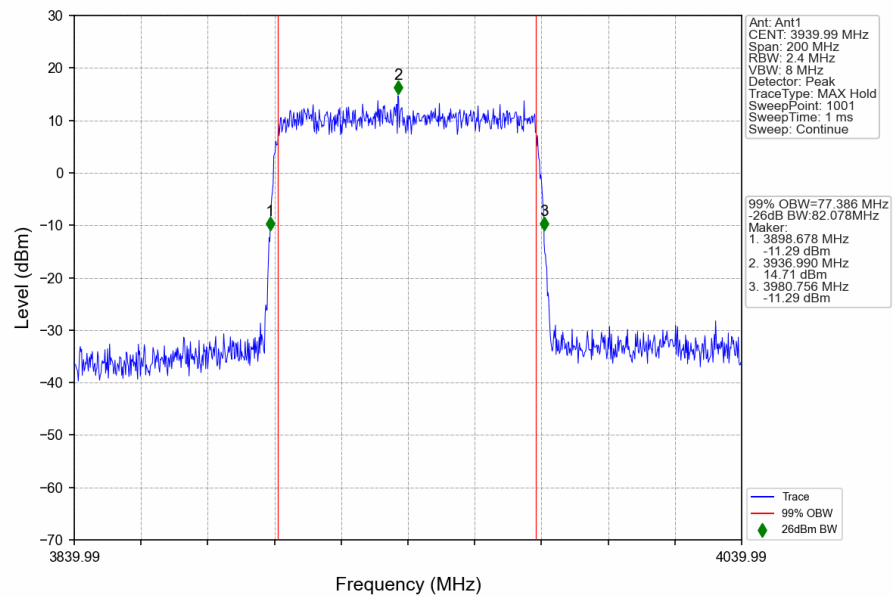
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3740.01MHz_Outer_Full



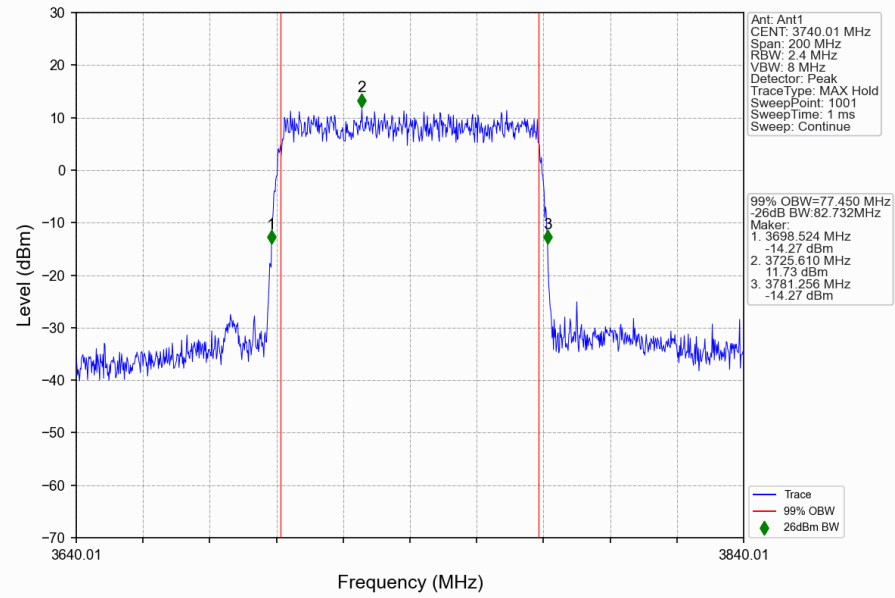
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full



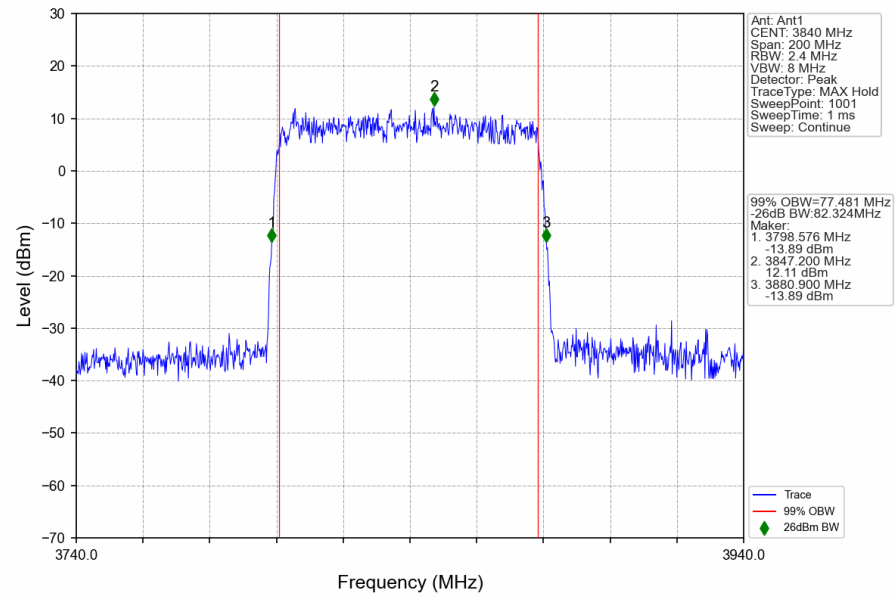
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3939.99MHz_Outer_Full



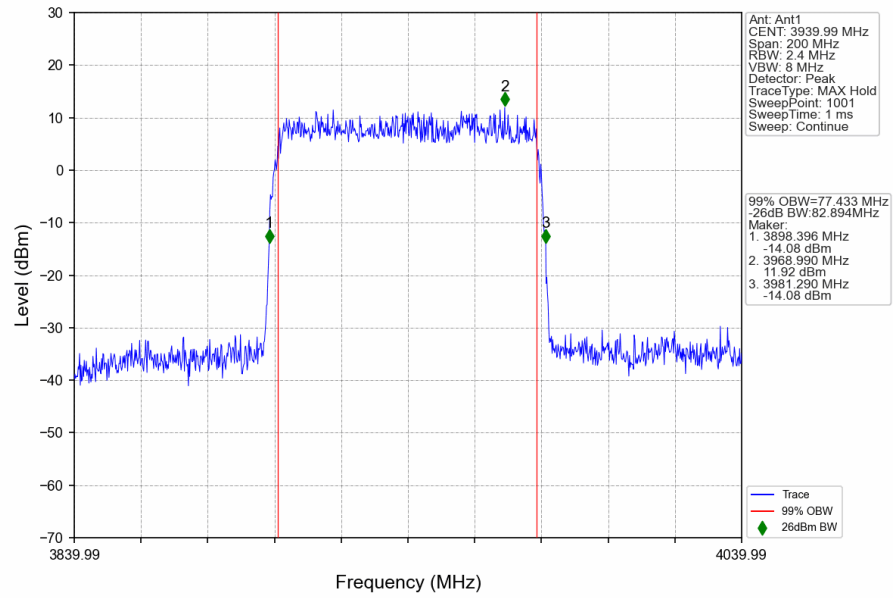
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3740.01MHz_Outer_Full



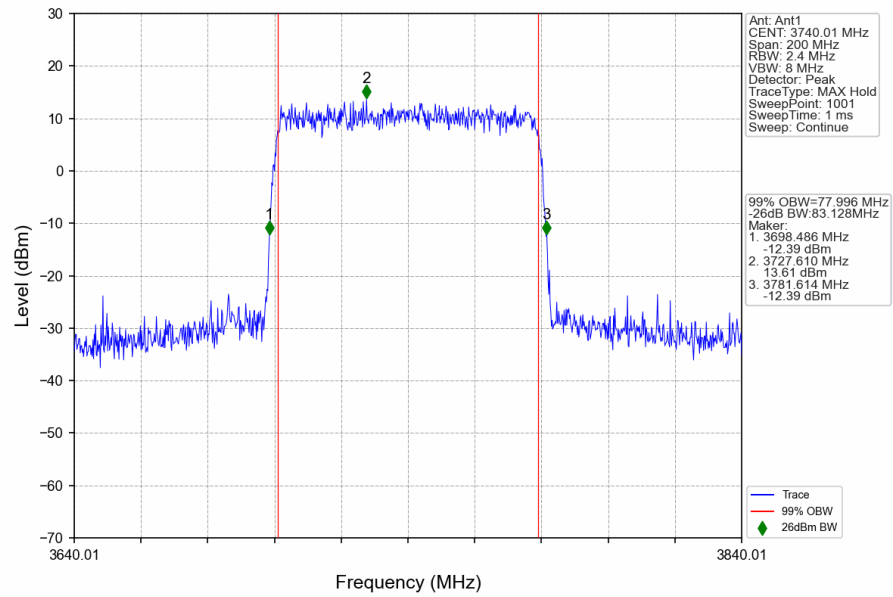
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full



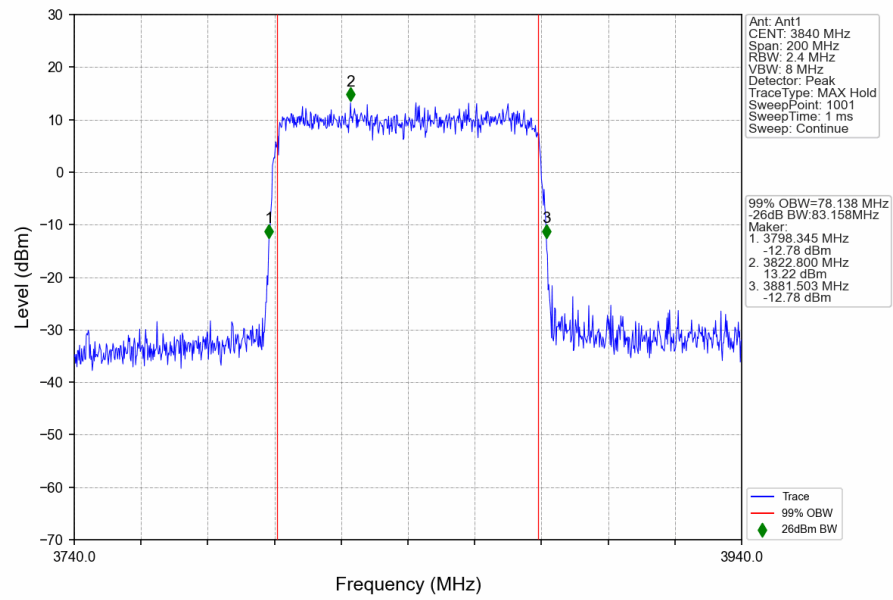
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3939.99MHz_Outer_Full



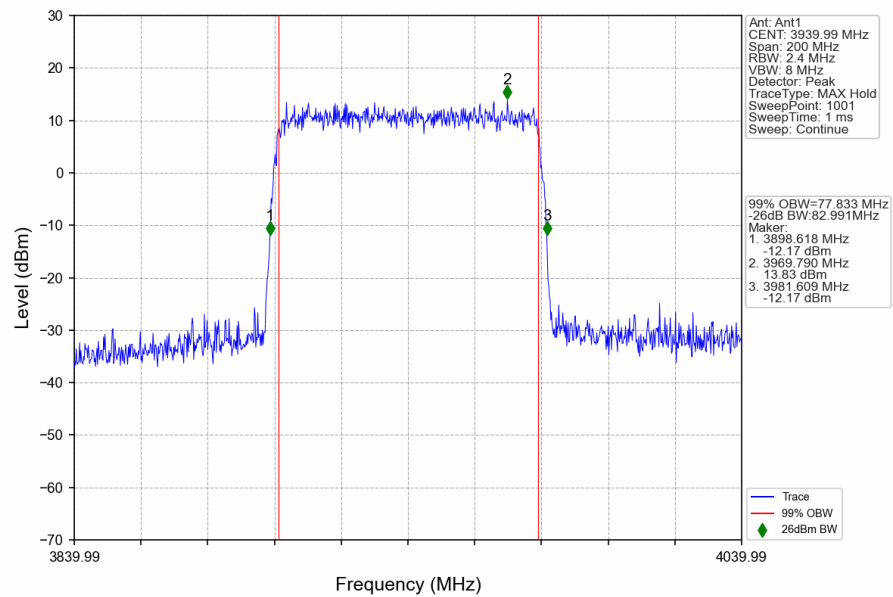
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3740.01MHz_Outer_Full



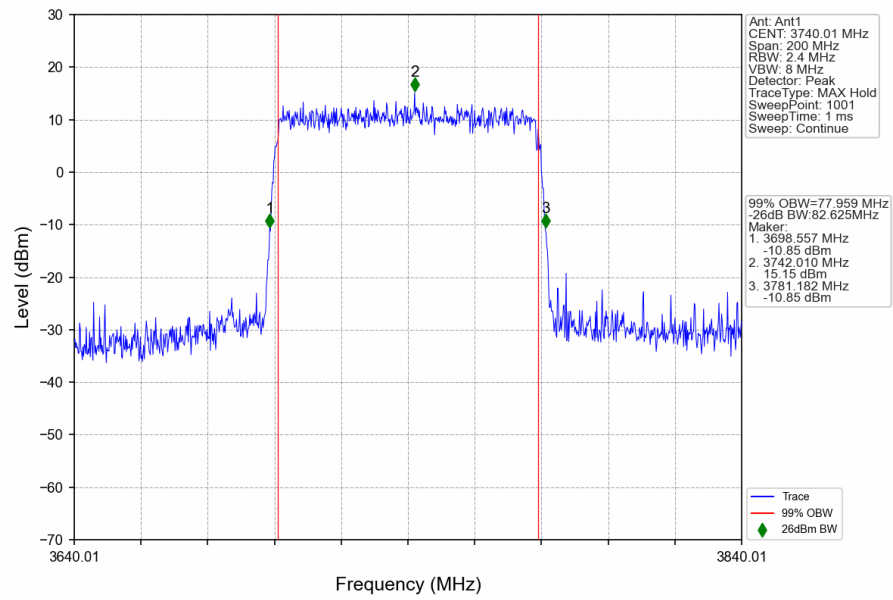
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3840MHz_Outer_Full



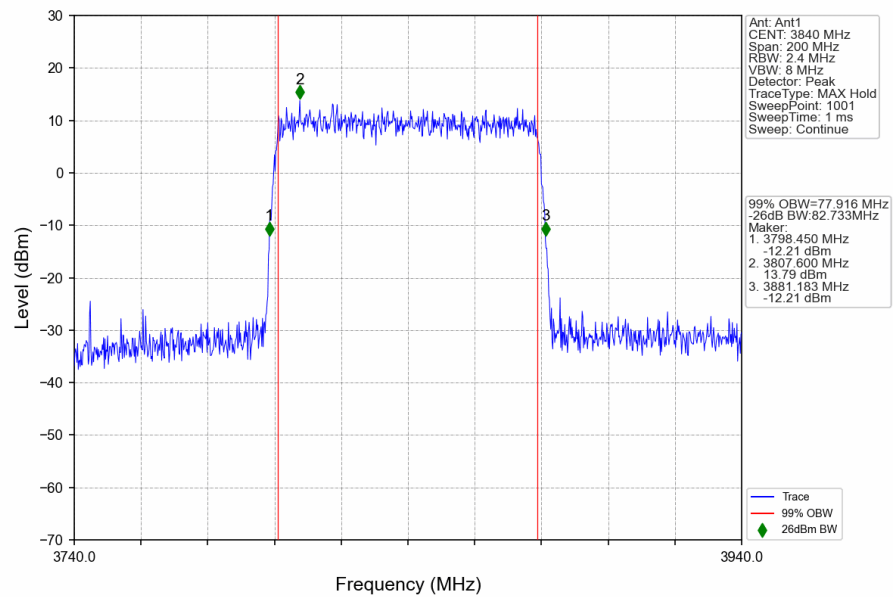
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3939.99MHz_Outer_Full



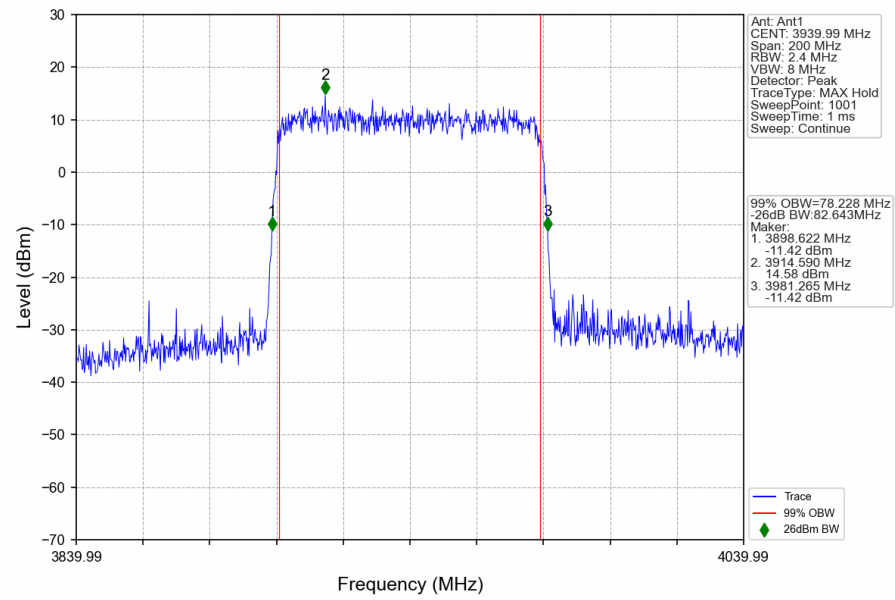
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3740.01MHz_Outer_Full



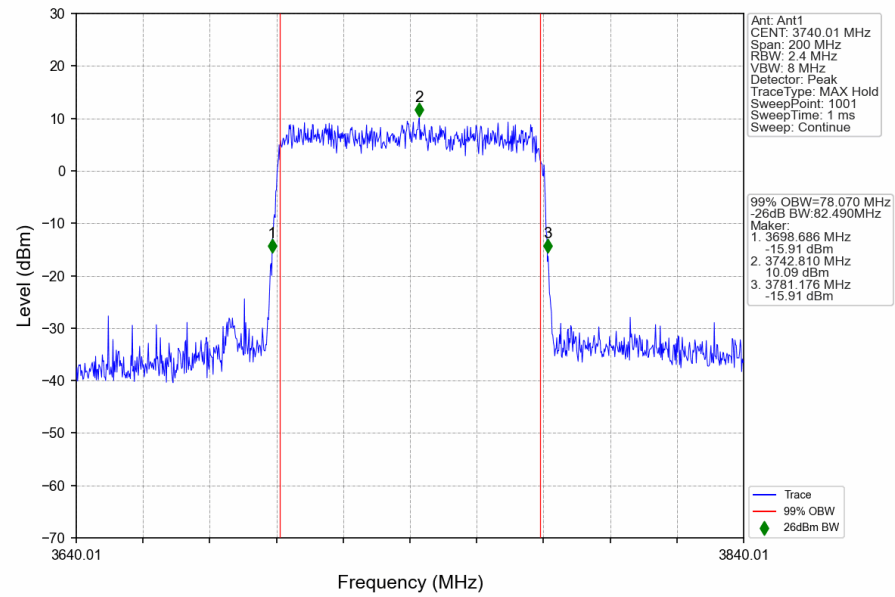
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full



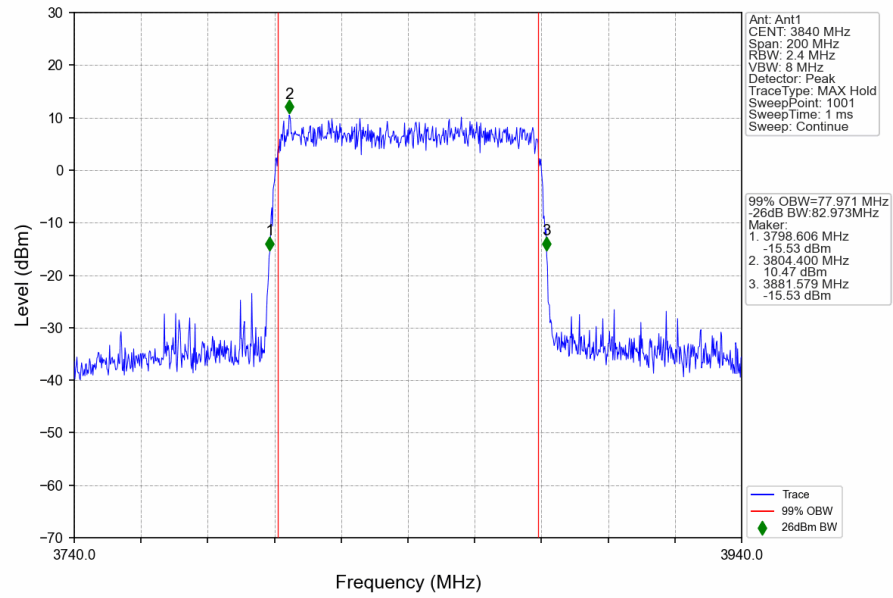
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3939.99MHz_Outer_Full



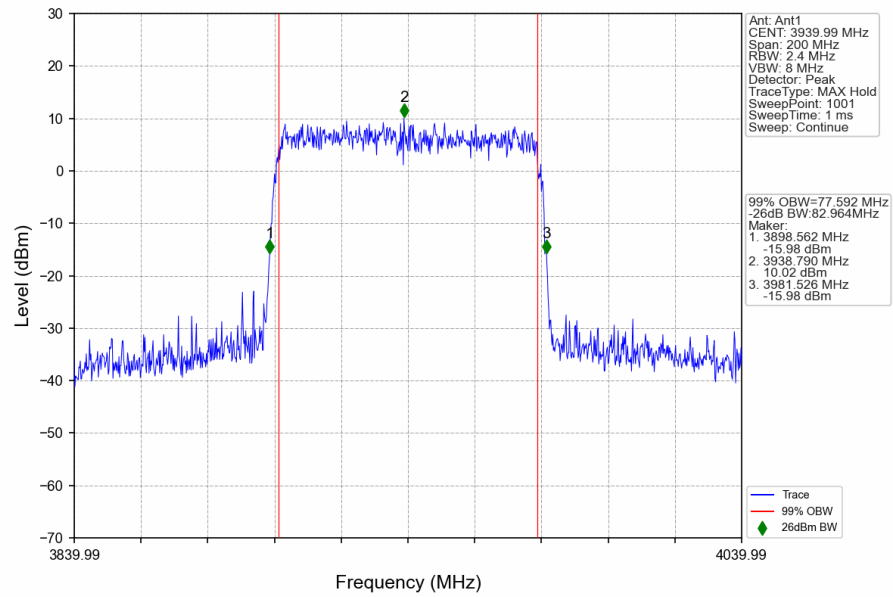
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3740.01MHz_Outer_Full



n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full



n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3939.99MHz_Outer_Full

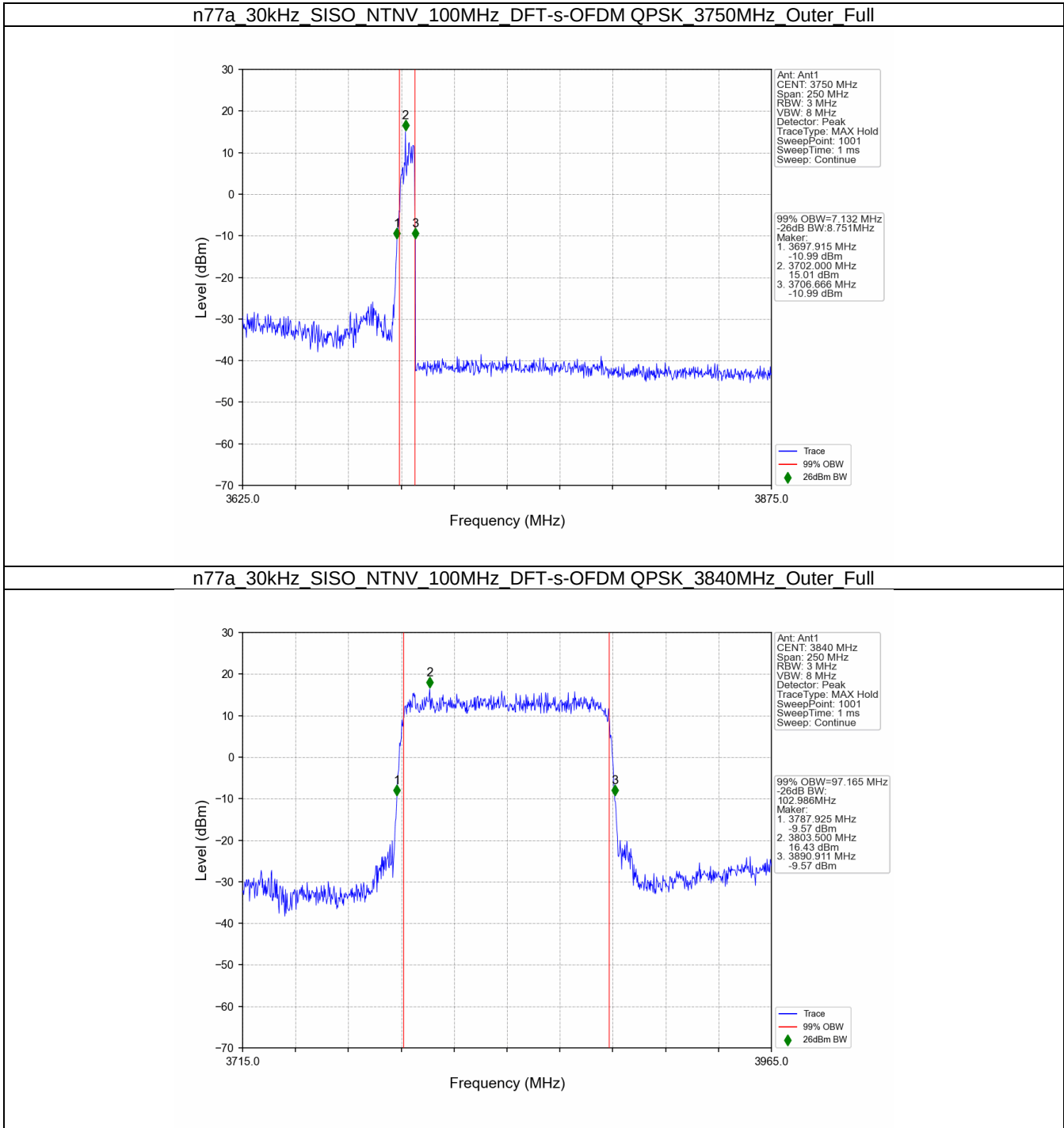


1.6 30k_SISO_100MHz_NTNV

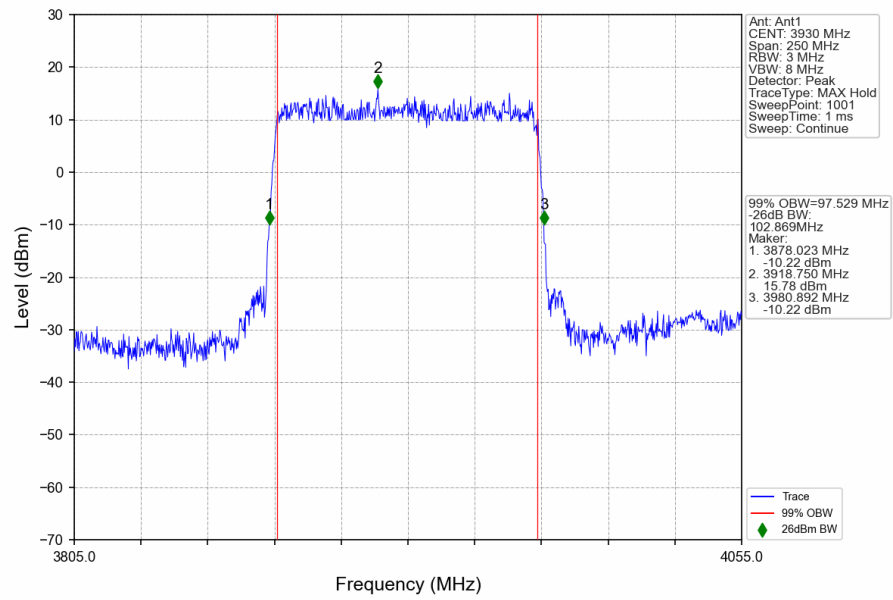
1.6.1 Test Result

5G NR n77a SCS=30kHz SISO 100MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3750	Outer_Full	7.13	8.75	/	Pass
	3840	Outer_Full	97.17	102.99	/	Pass
	3930	Outer_Full	97.53	102.87	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	96.66	103.12	/	Pass
	3840	Outer_Full	96.68	103.35	/	Pass
	3930	Outer_Full	96.83	103.07	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.79	103.00	/	Pass
	3840	Outer_Full	97.36	102.82	/	Pass
	3930	Outer_Full	96.66	103.17	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.28	104.42	/	Pass
	3840	Outer_Full	98.35	104.53	/	Pass
	3930	Outer_Full	98.01	104.58	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	98.04	104.08	/	Pass
	3840	Outer_Full	97.90	104.47	/	Pass
	3930	Outer_Full	97.81	104.50	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	98.16	103.42	/	Pass
	3840	Outer_Full	97.86	104.33	/	Pass
	3930	Outer_Full	97.96	104.14	/	Pass

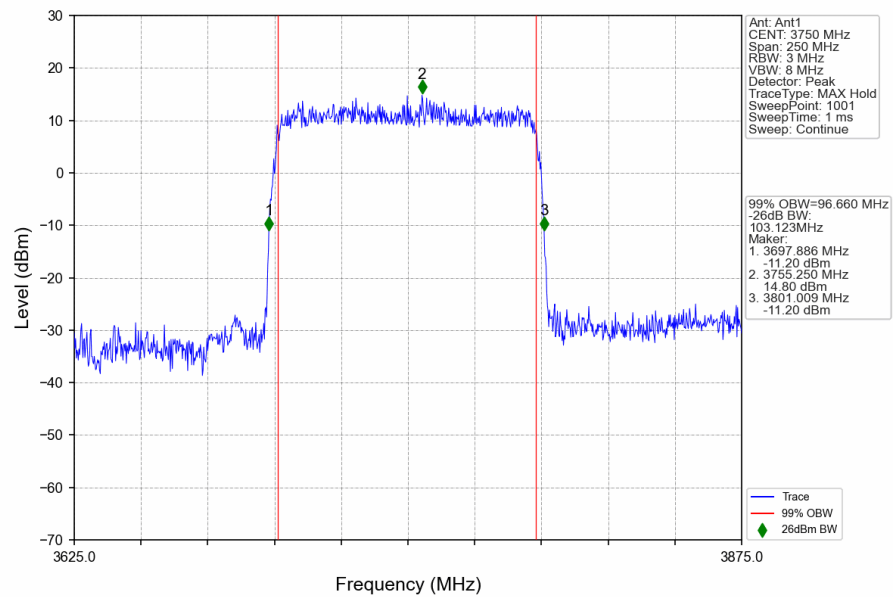
1.6.2 Test Graph



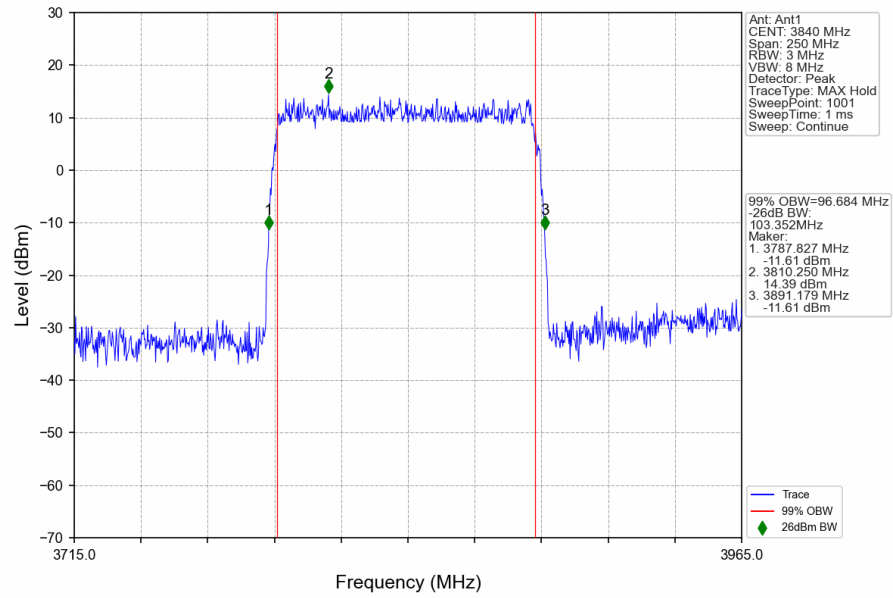
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full



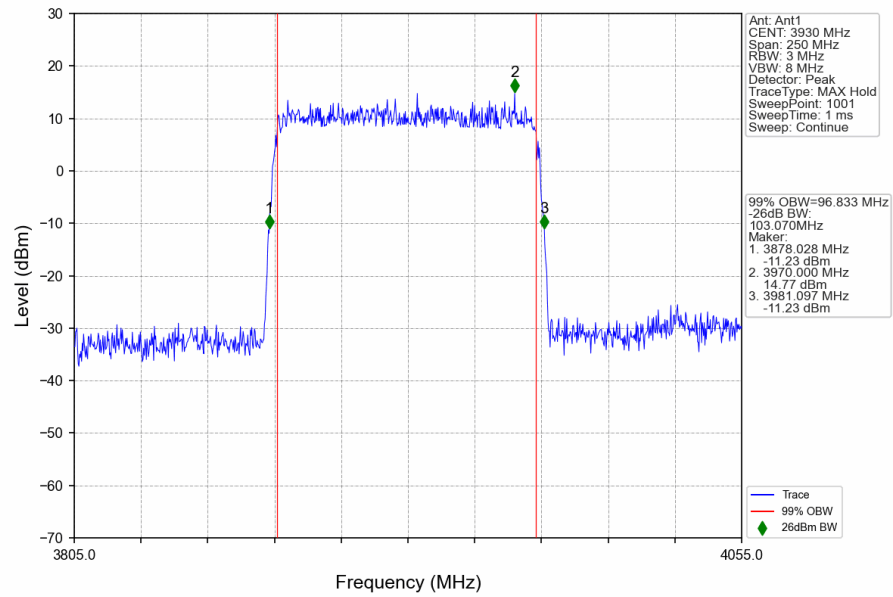
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



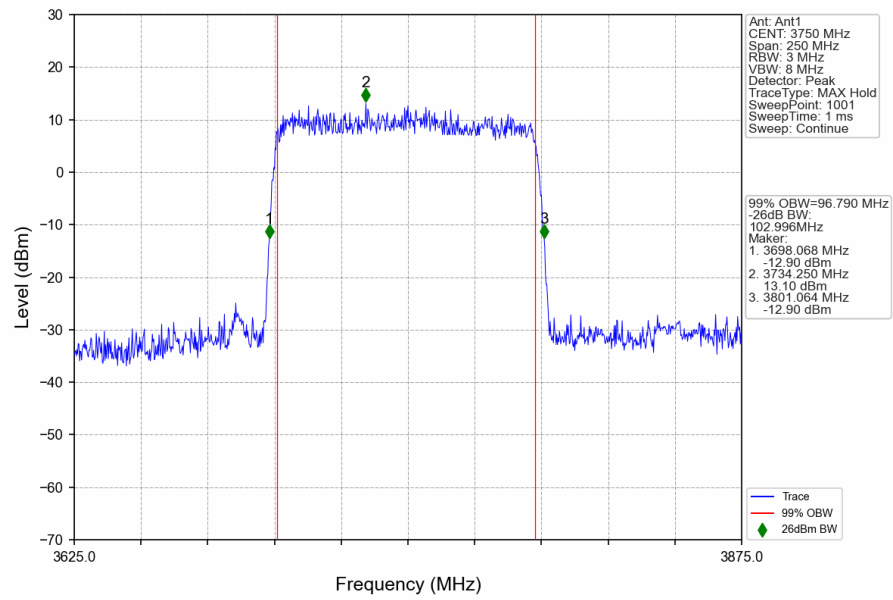
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full



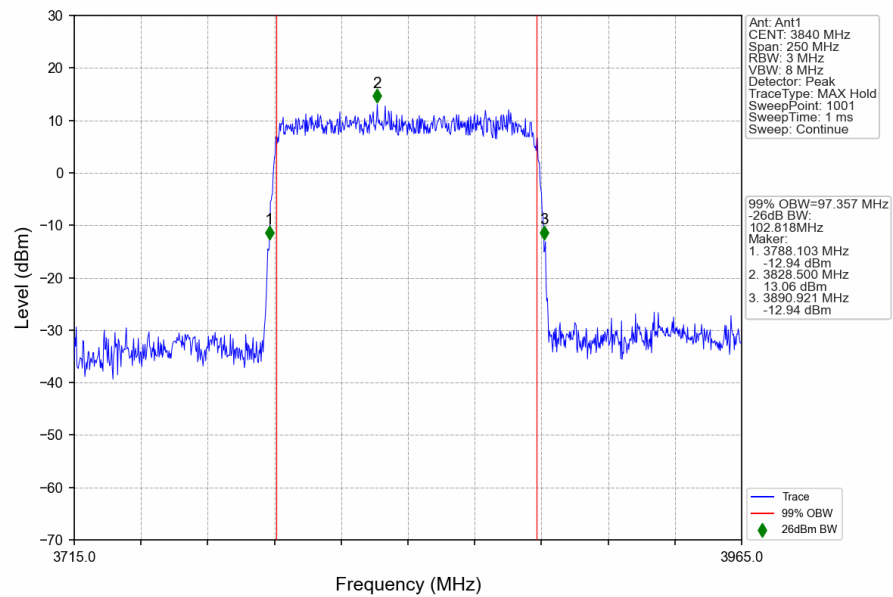
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3930MHz_Outer_Full



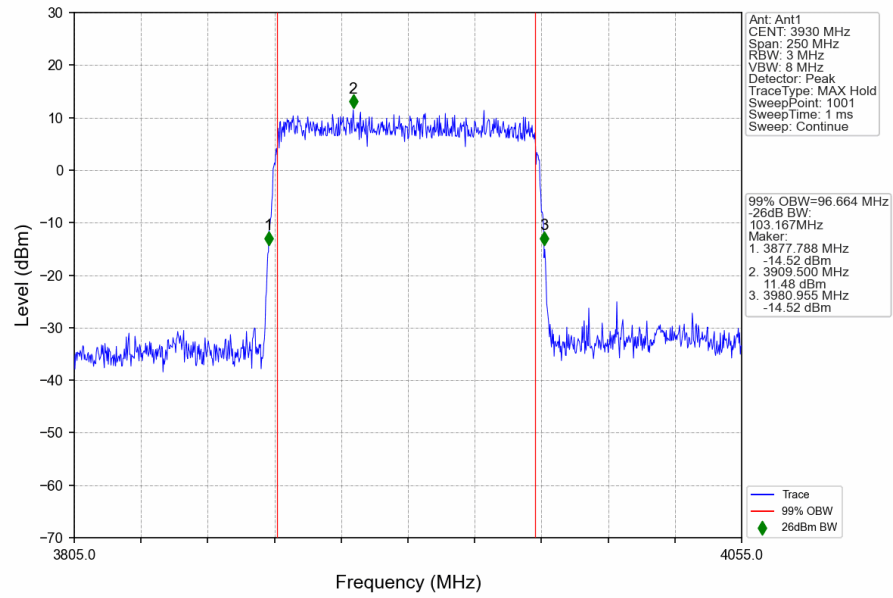
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



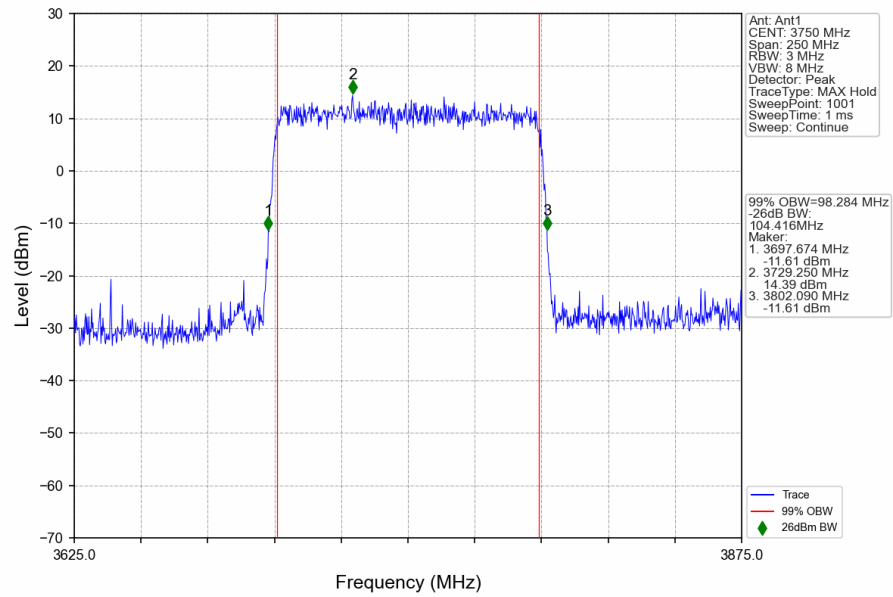
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full



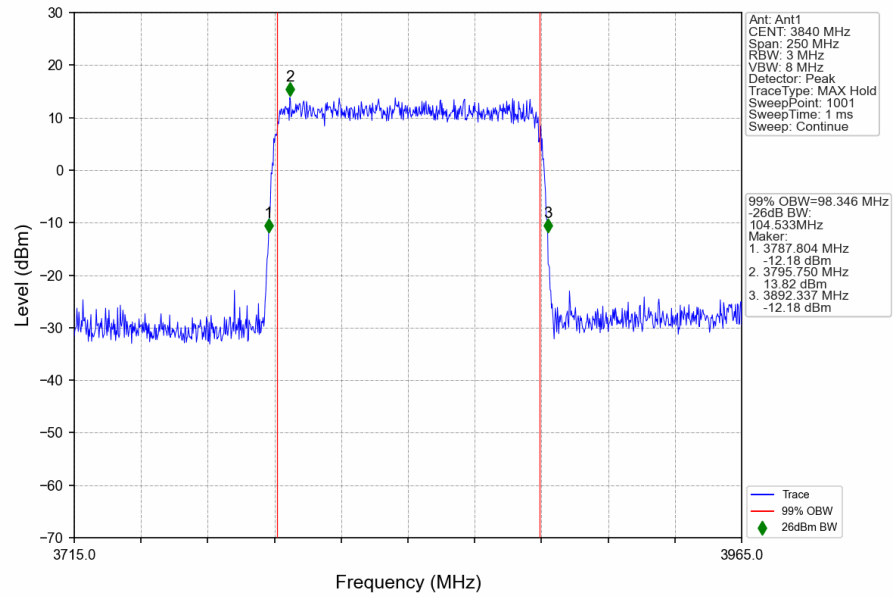
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3930MHz_Outer_Full



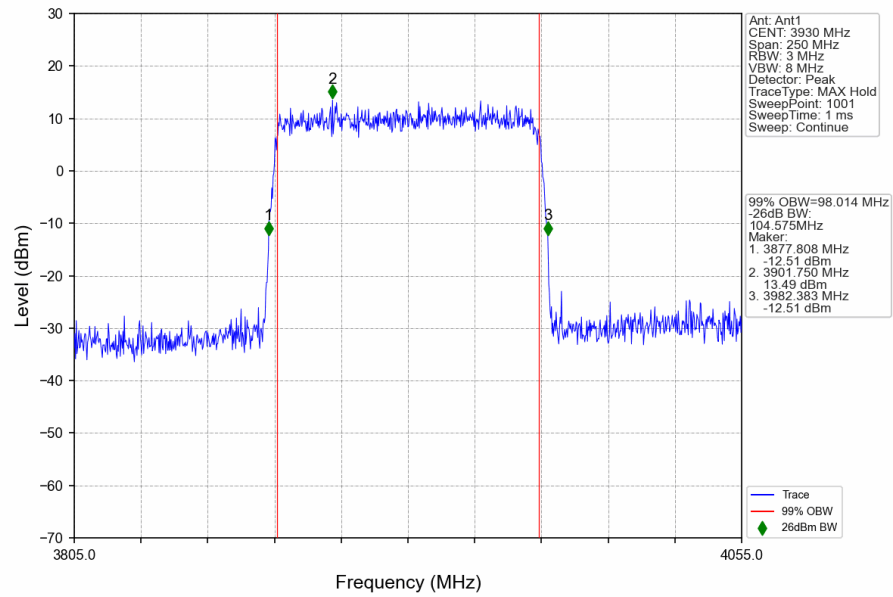
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



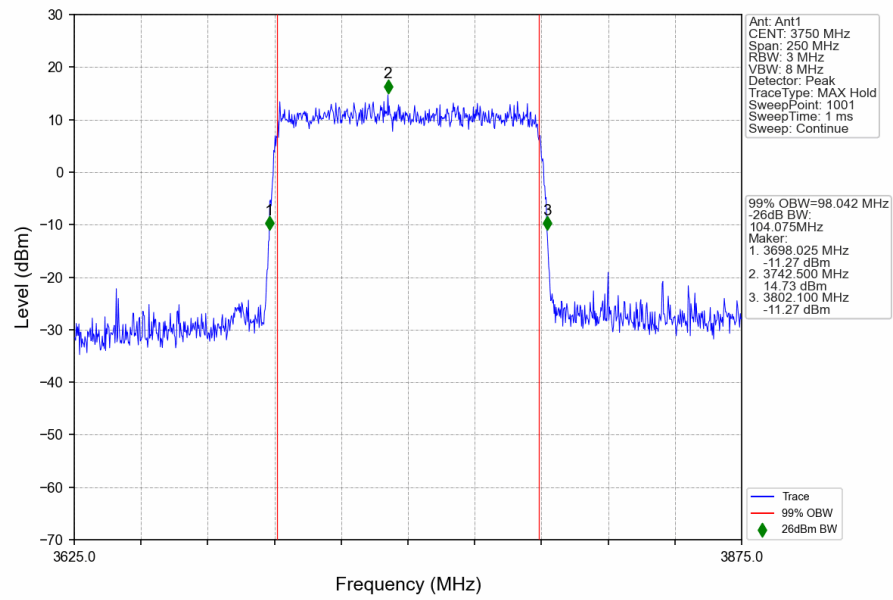
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full



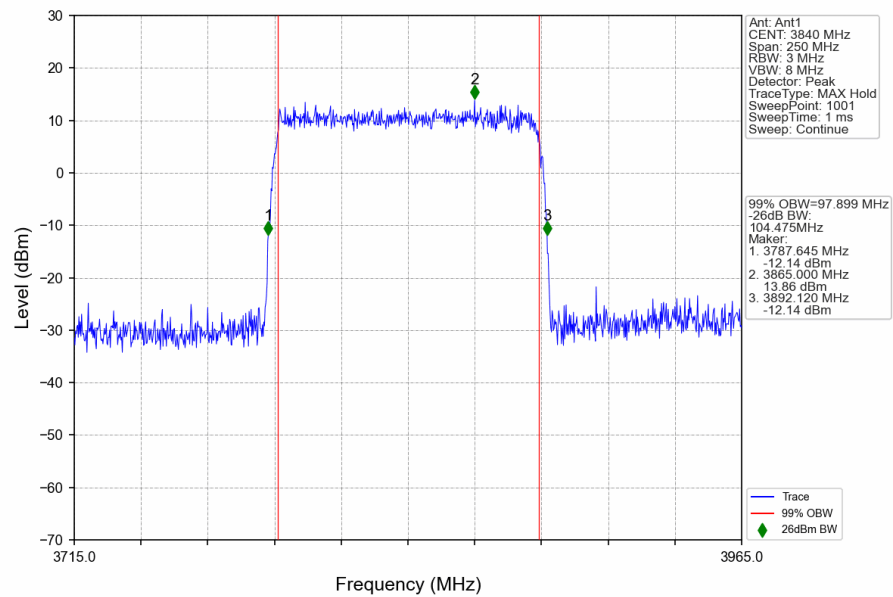
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full



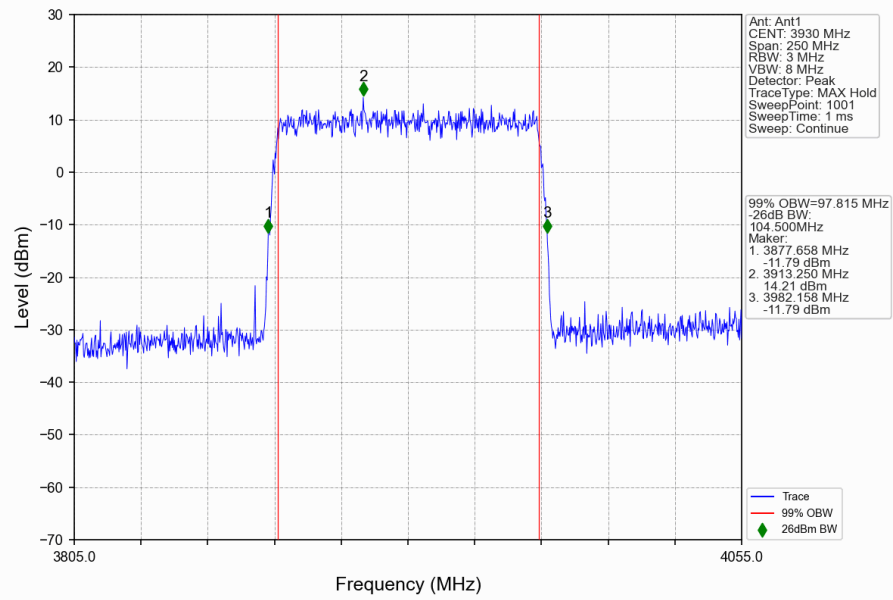
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



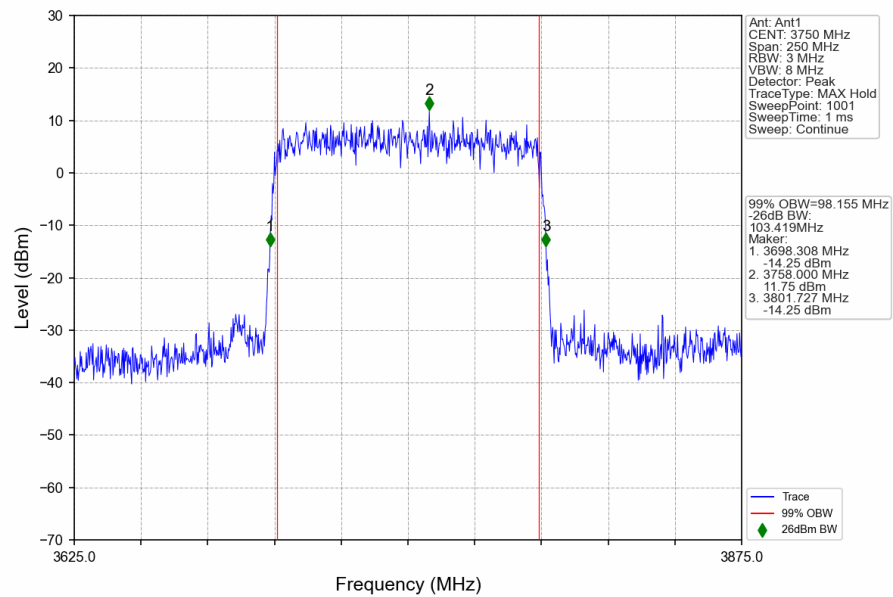
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full



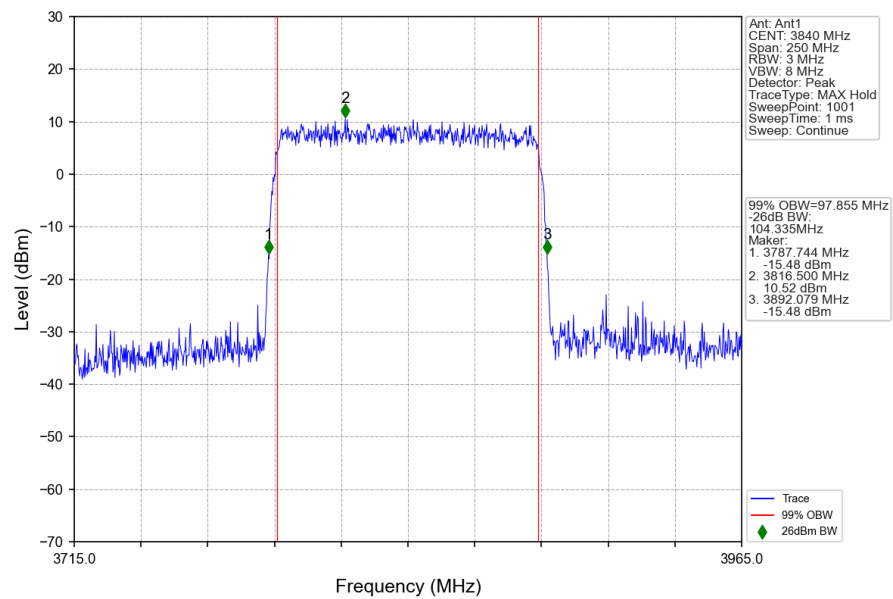
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3930MHz_Outer_Full



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3930MHz_Outer_Full

