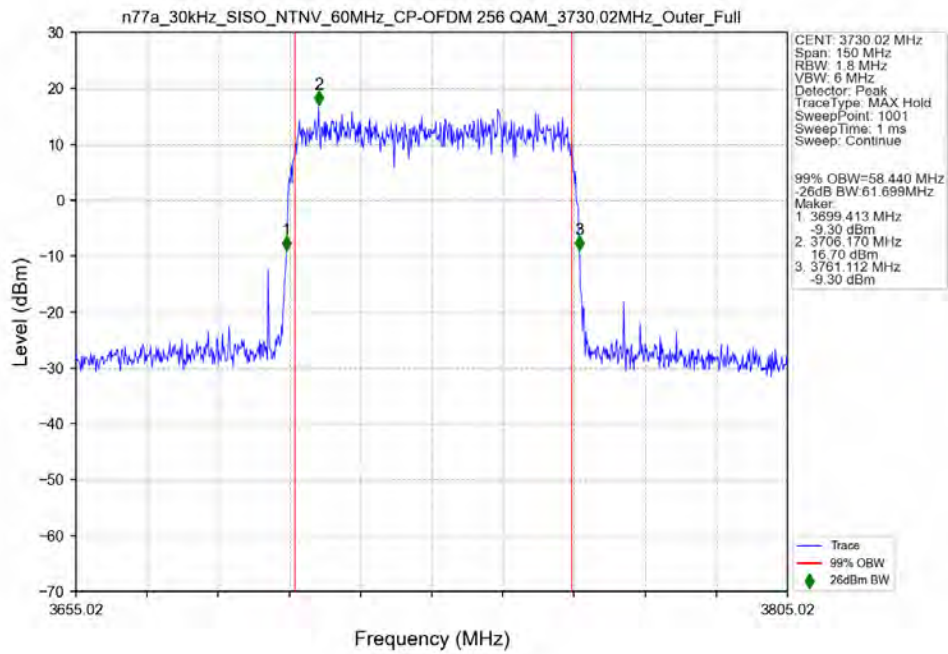
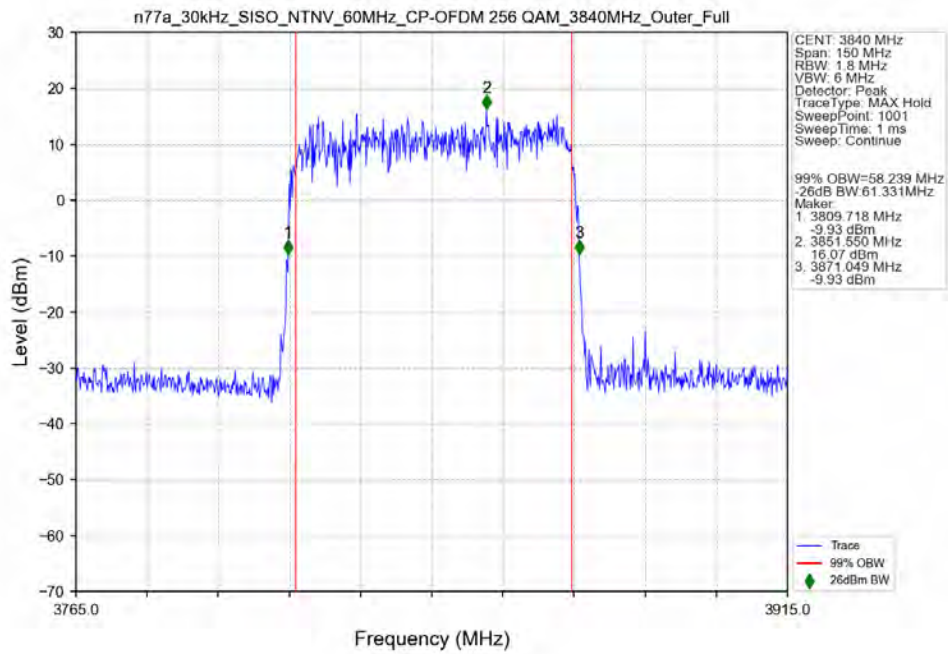


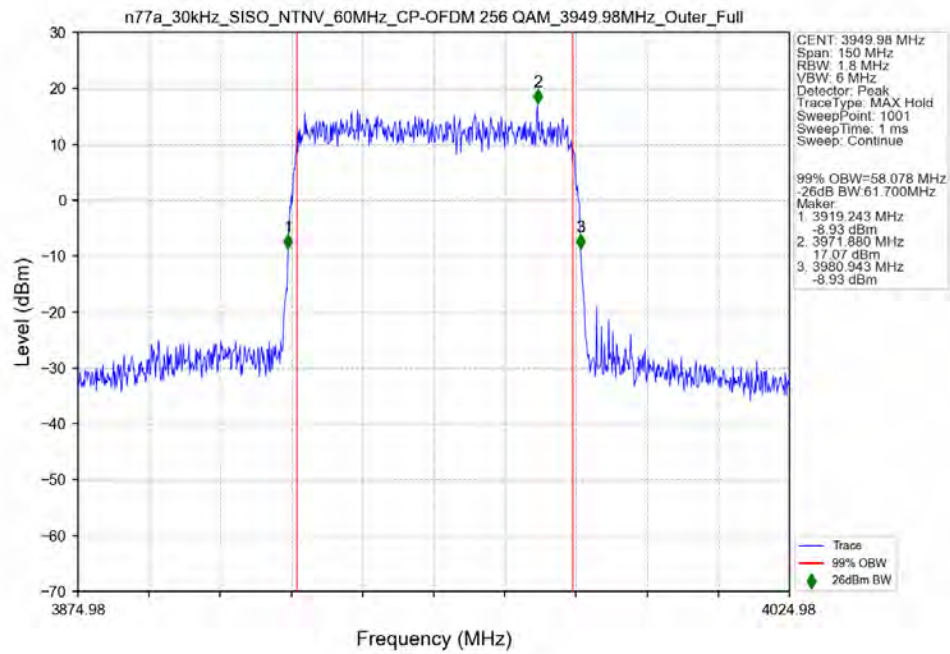
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3730.02MHz_Outer_Full_Ant13



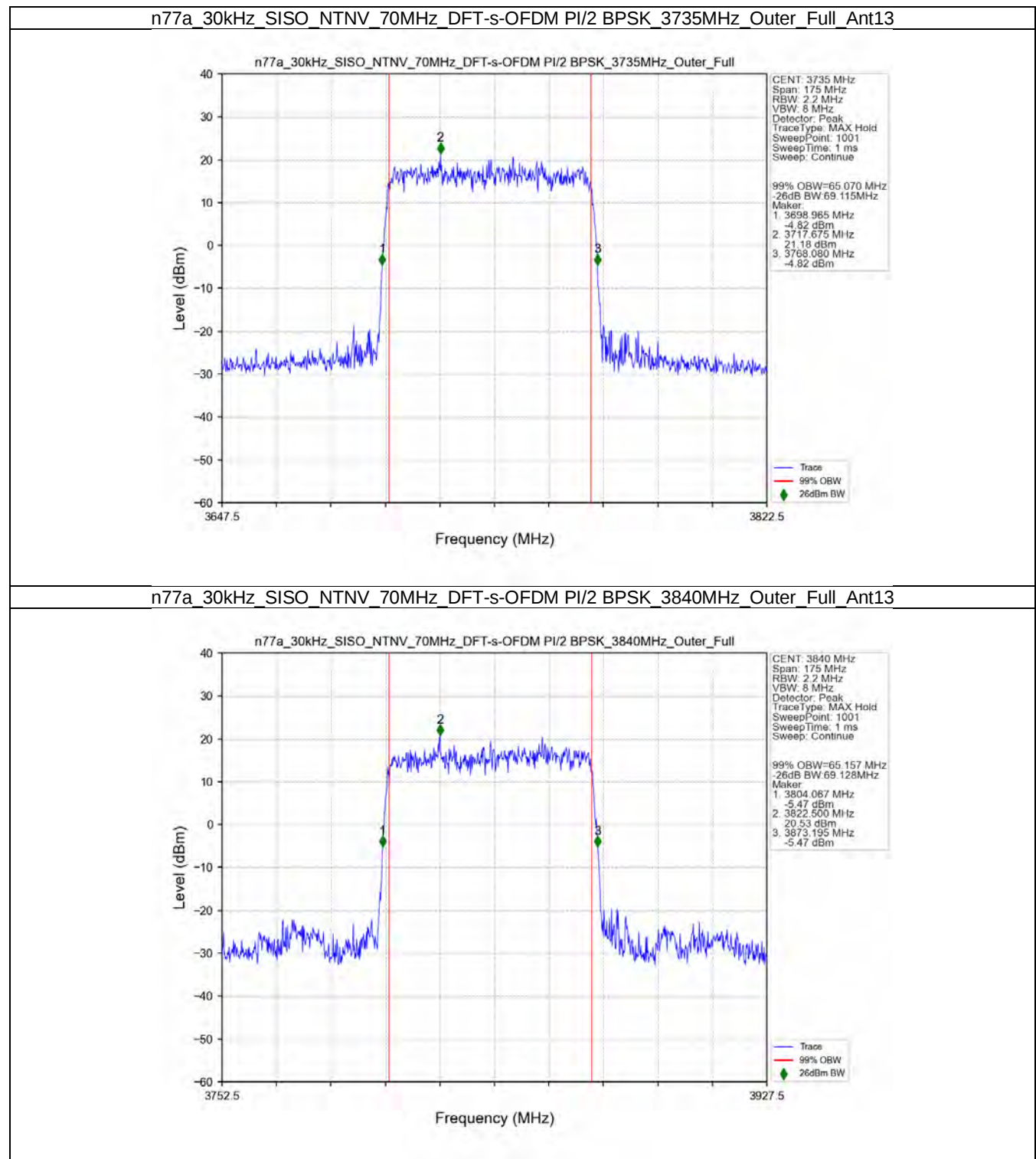
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



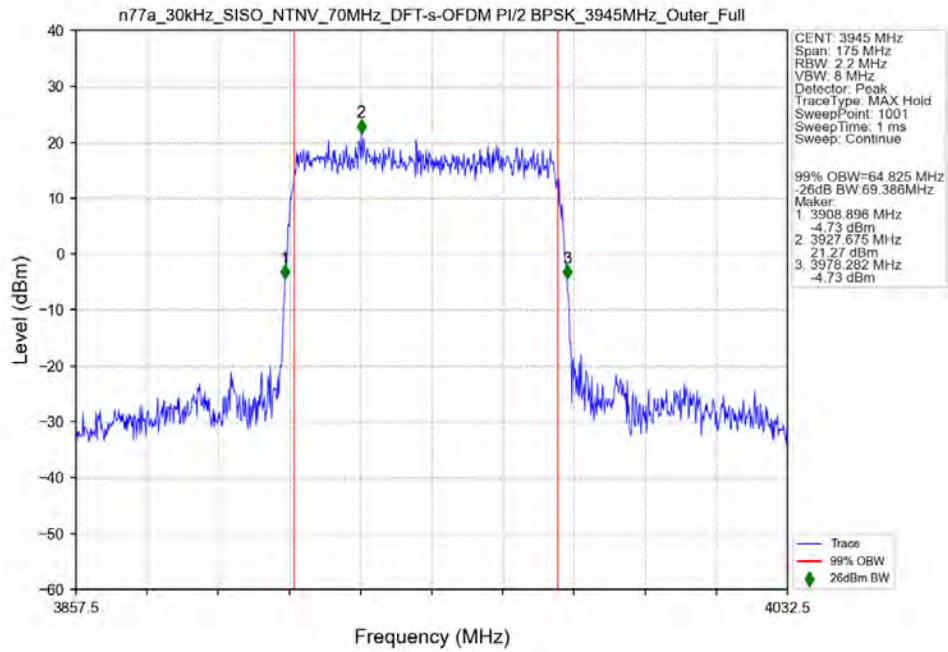
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3949.98MHz_Outer_Full_Ant13



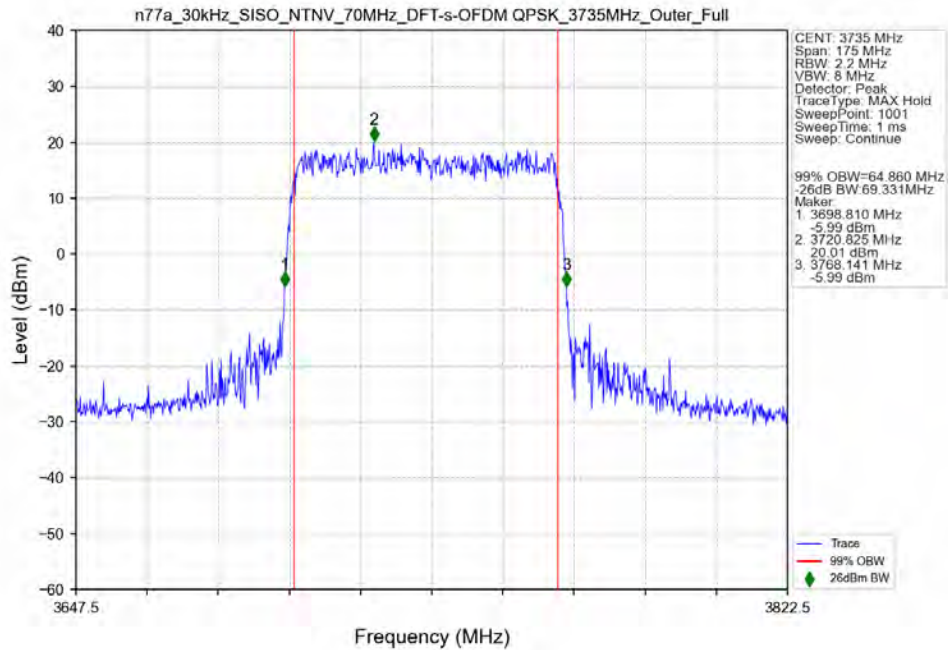
3.2.8 30k_SISO_70MHz_NTNV



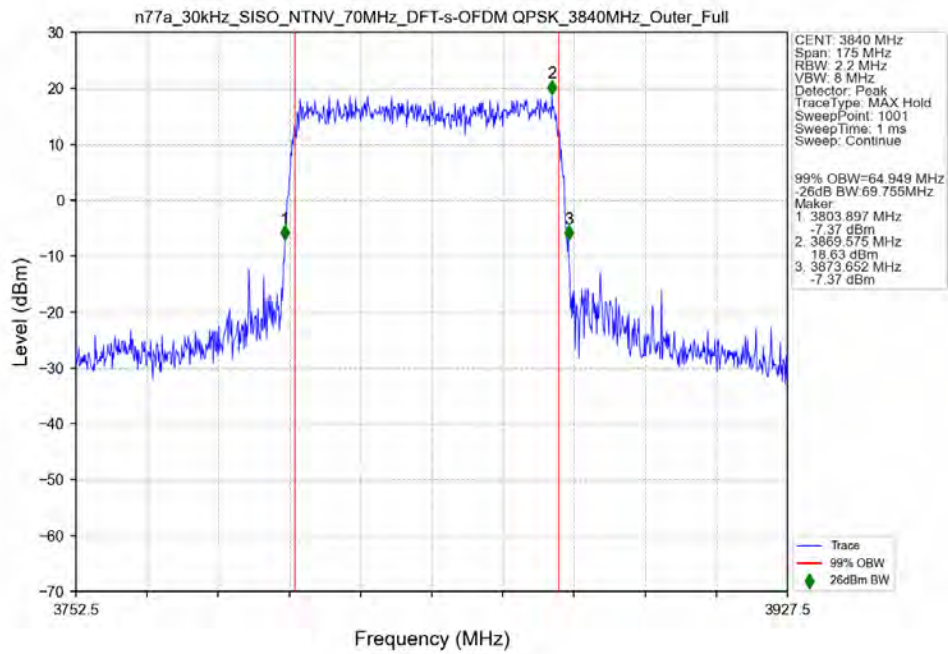
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_PI/2_BPSK_3945MHz_Outer_Full_Ant13



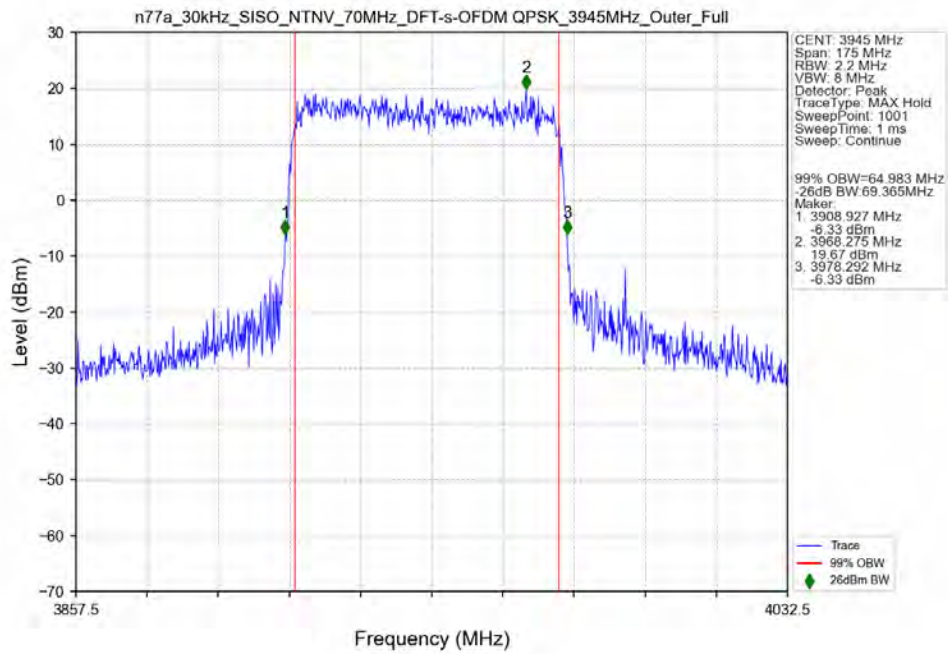
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3735MHz_Outer_Full_Ant13



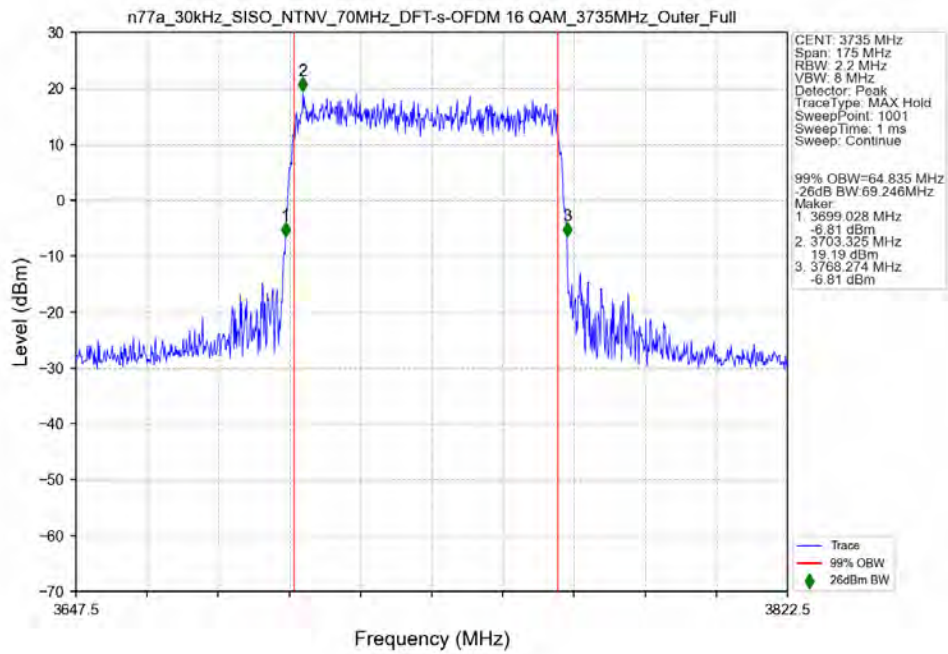
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



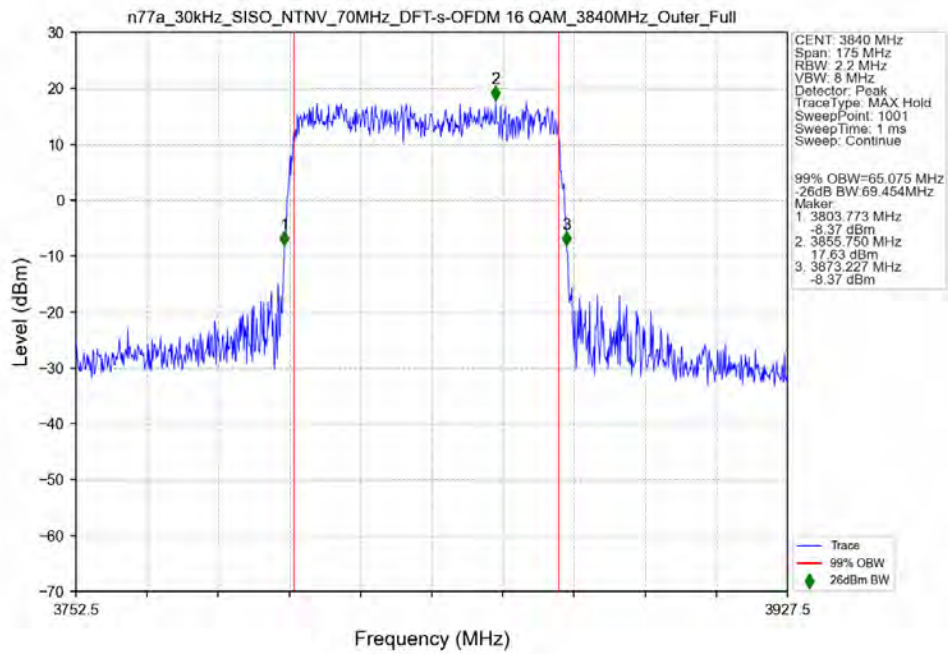
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3945MHz_Outer_Full_Ant13



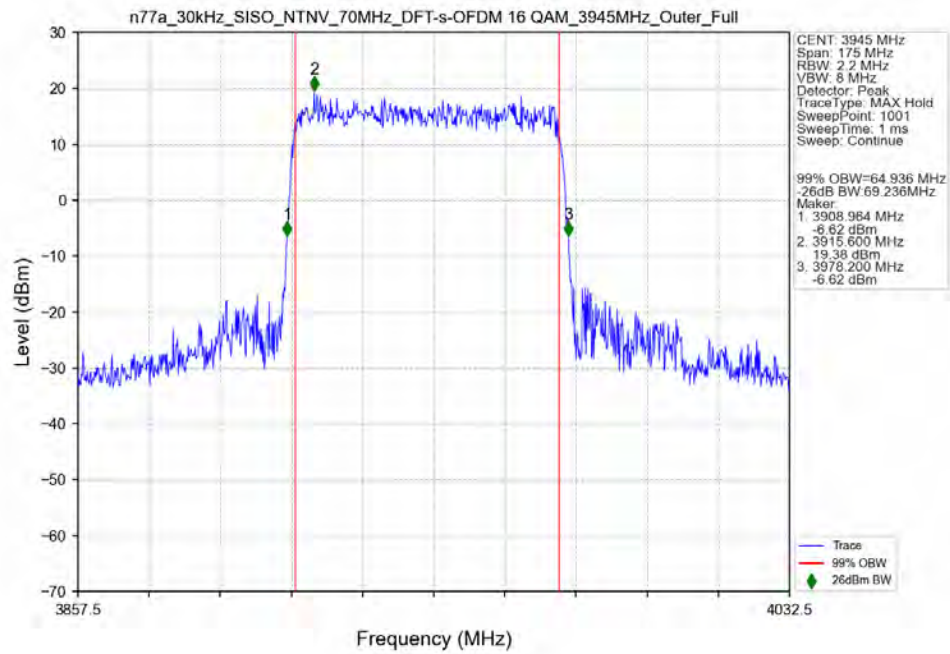
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3735MHz_Outer_Full_Ant13



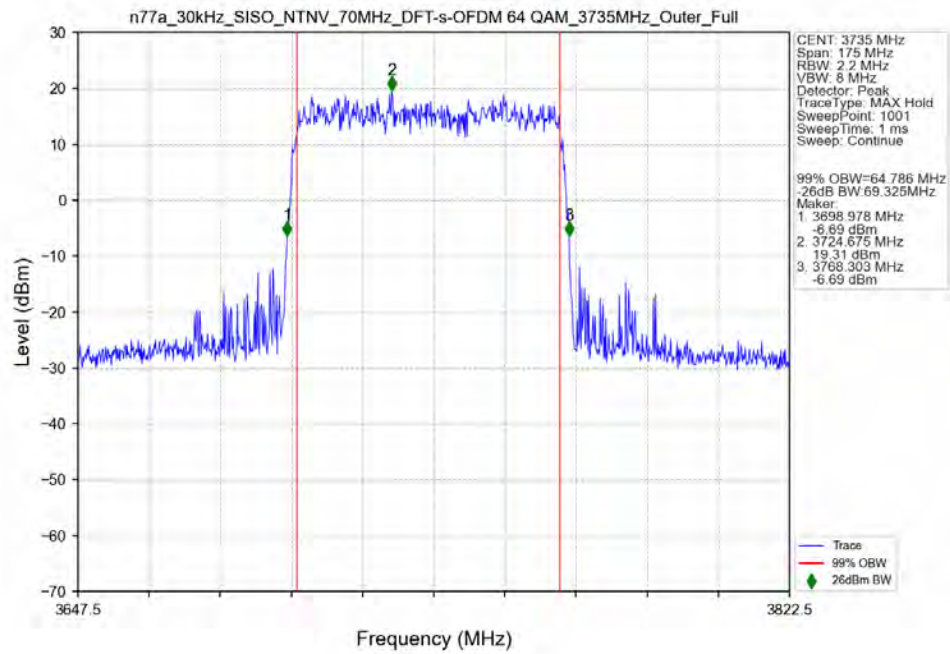
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



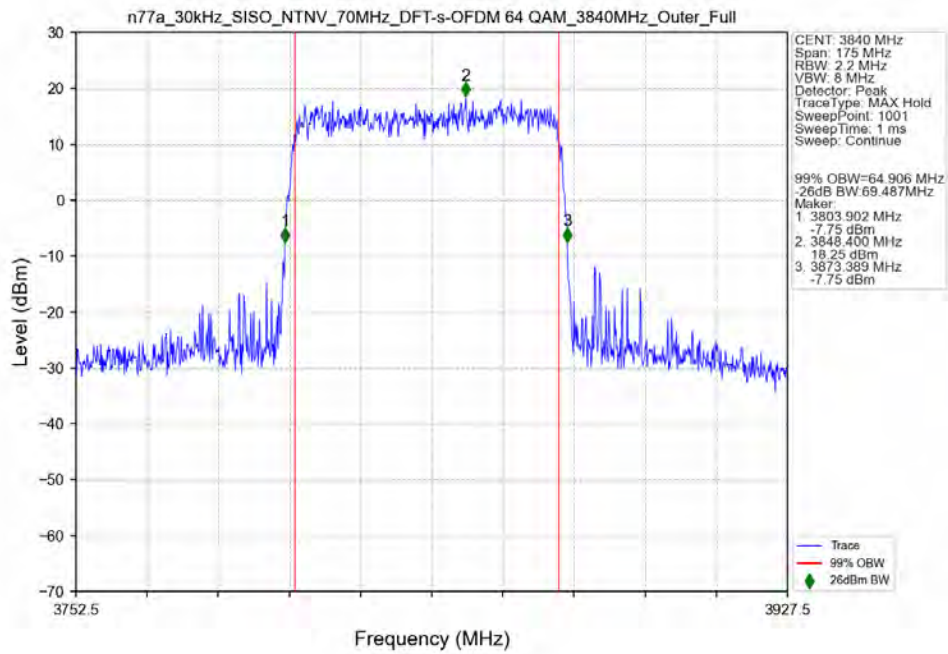
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3945MHz_Outer_Full_Ant13



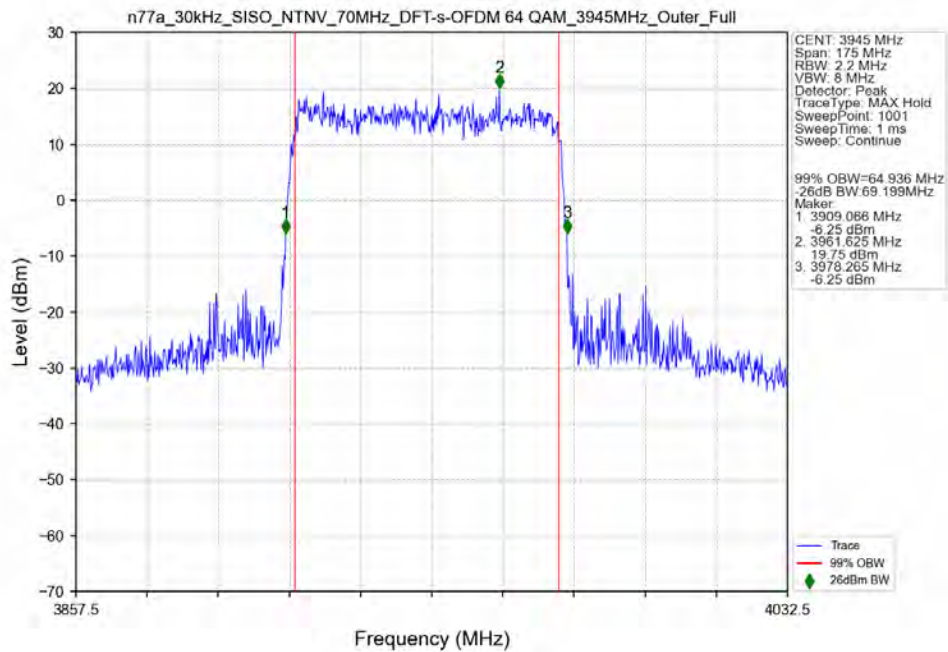
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3735MHz_Outer_Full_Ant13



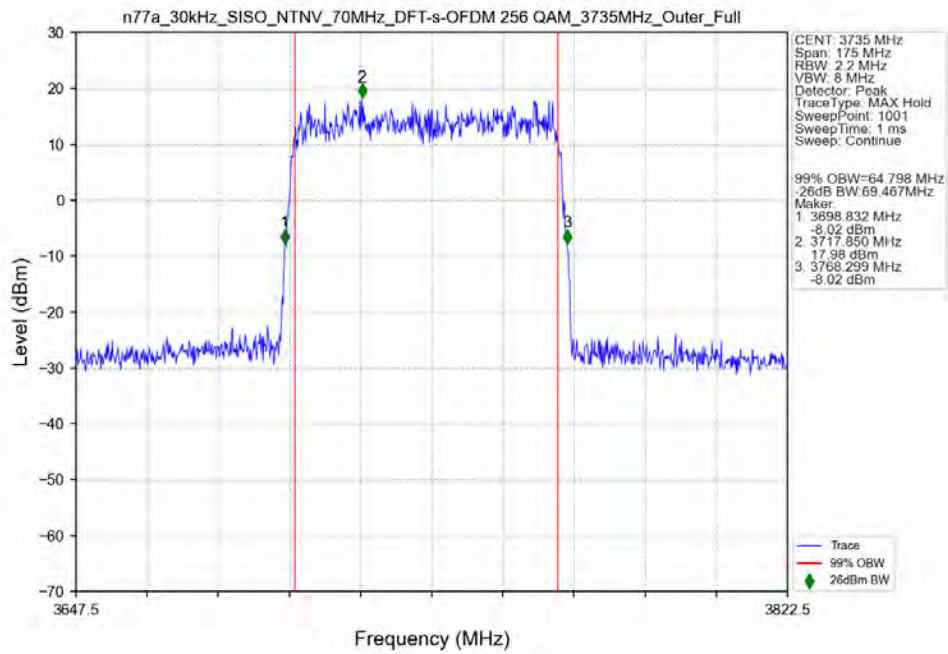
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



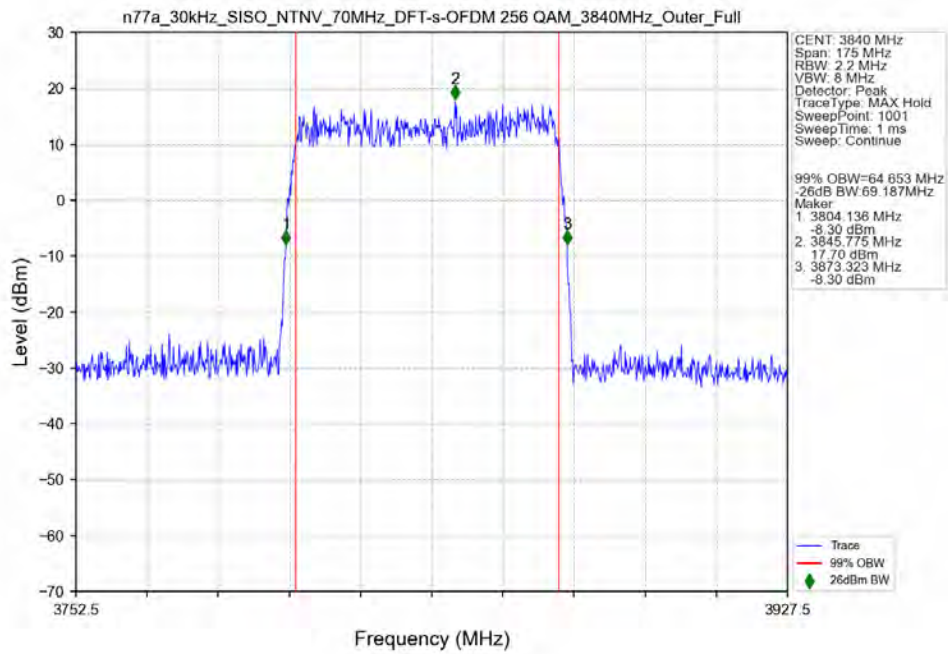
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3945MHz_Outer_Full_Ant13



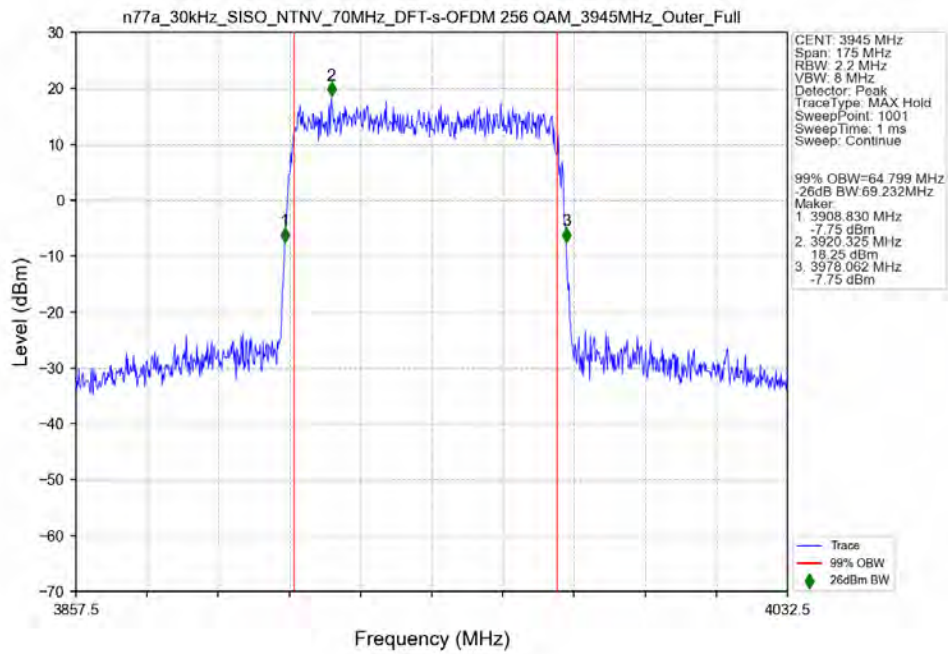
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3735MHz_Outer_Full_Ant13



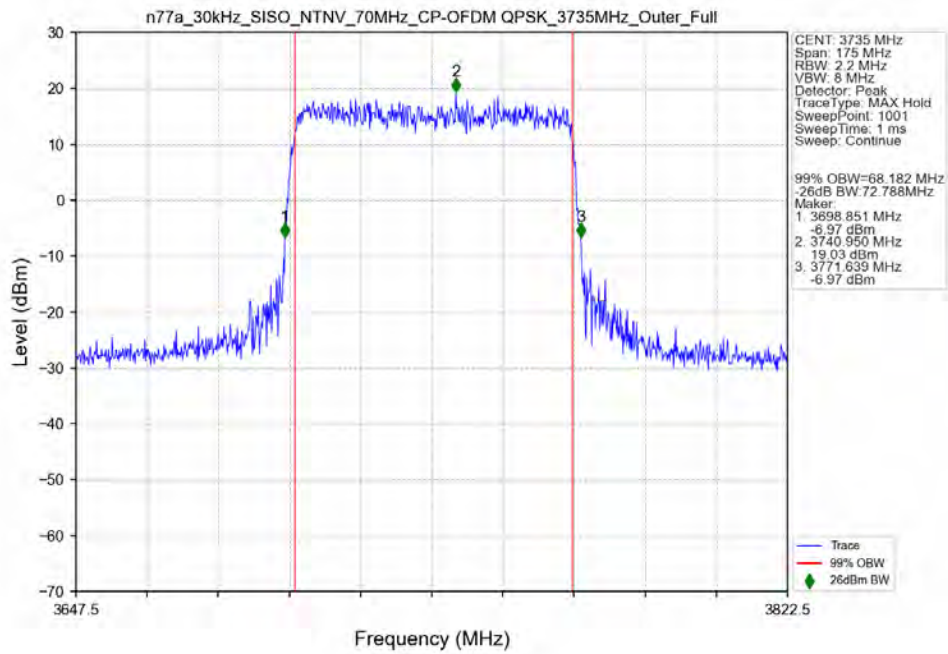
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



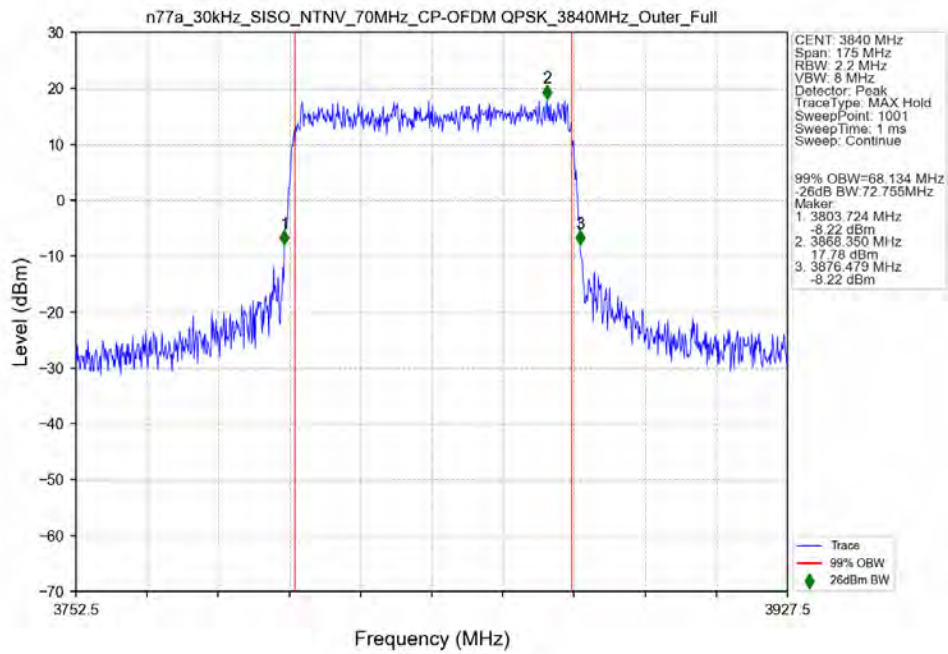
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3945MHz_Outer_Full_Ant13



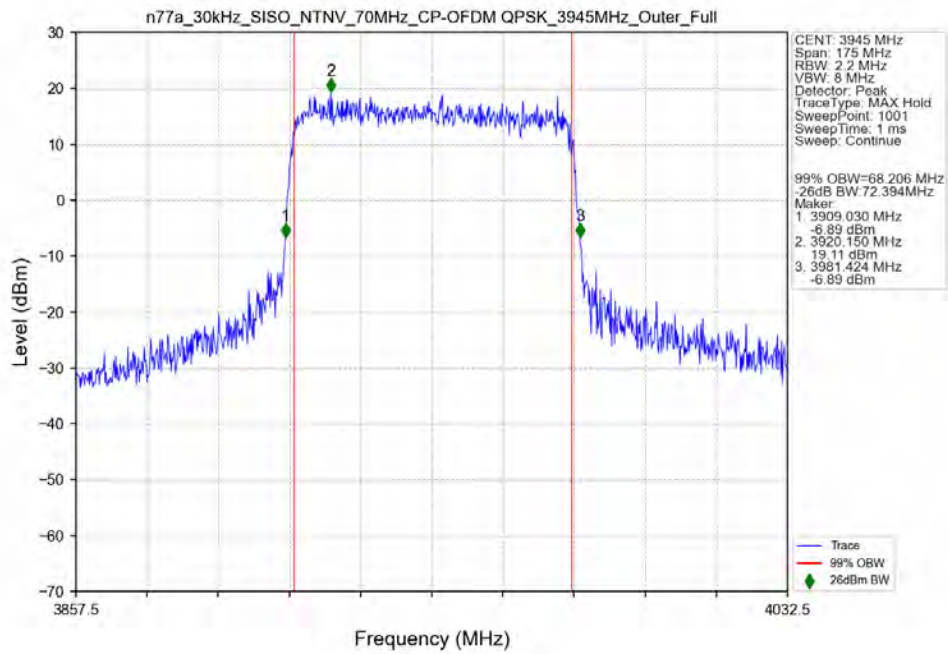
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3735MHz_Outer_Full_Ant13



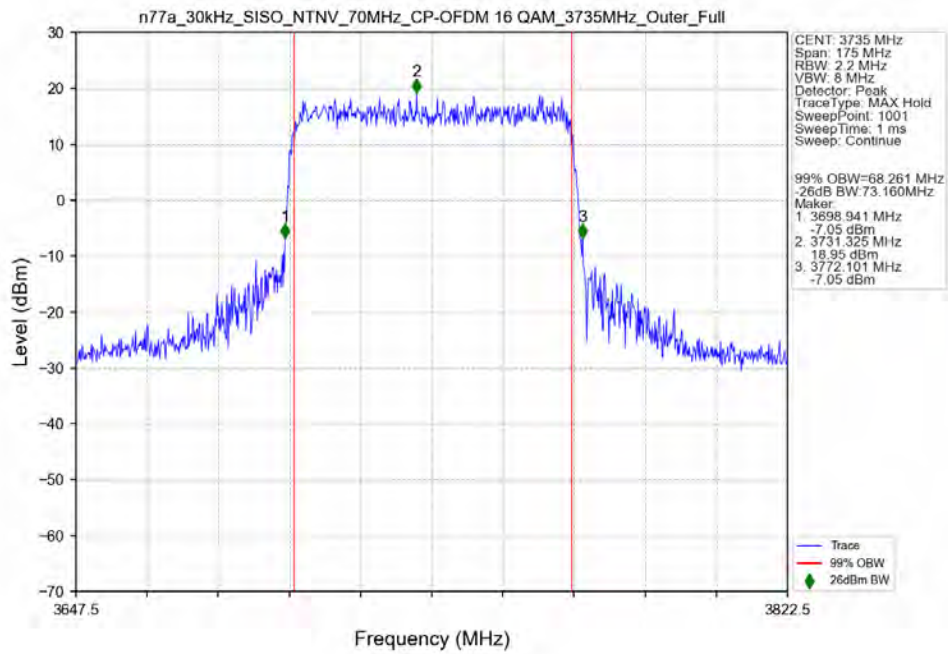
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



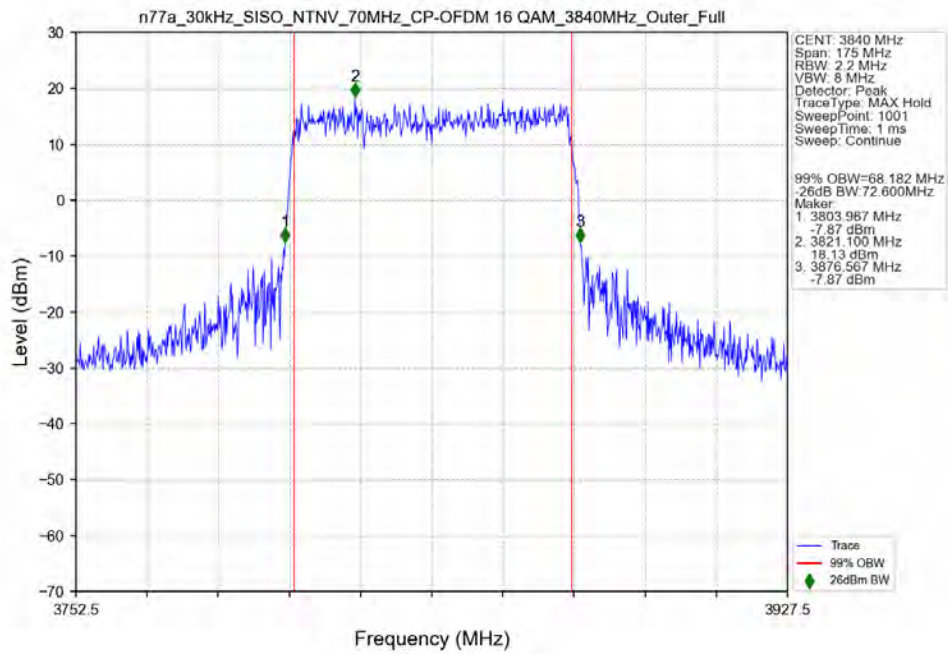
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3945MHz_Outer_Full_Ant13



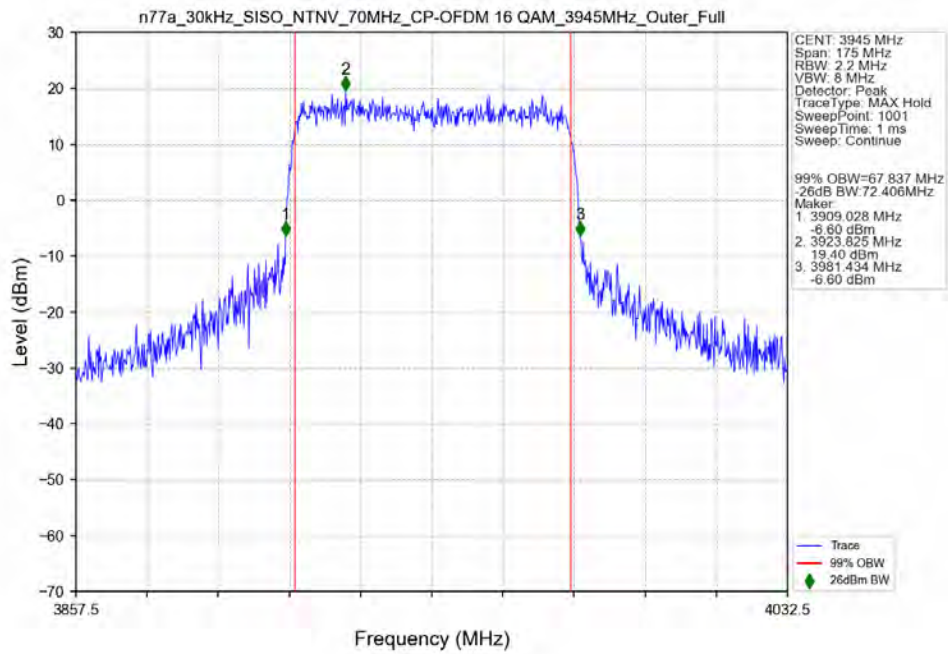
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_16_QAM_3735MHz_Outer_Full_Ant13



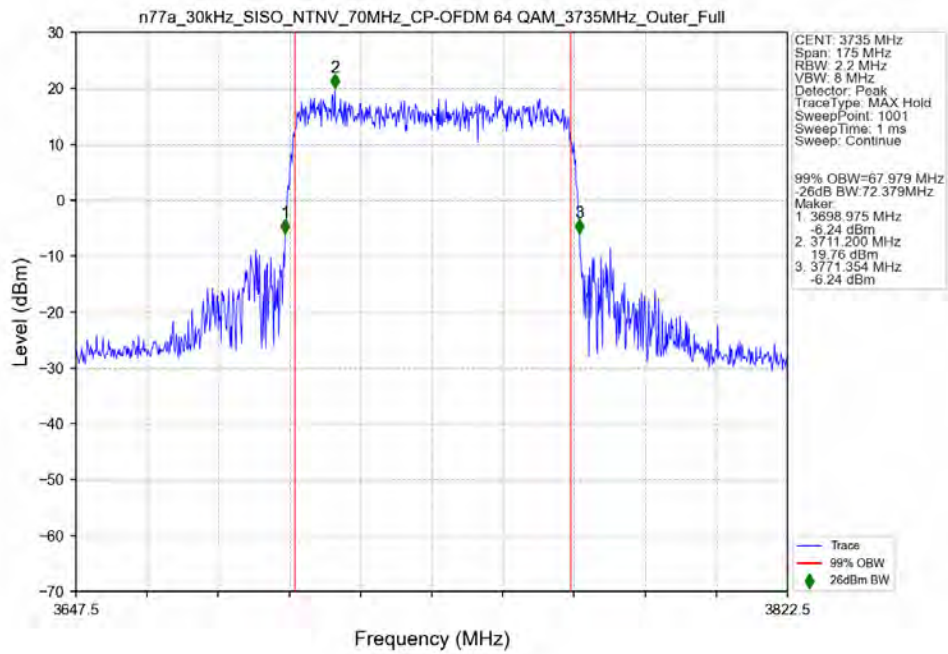
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



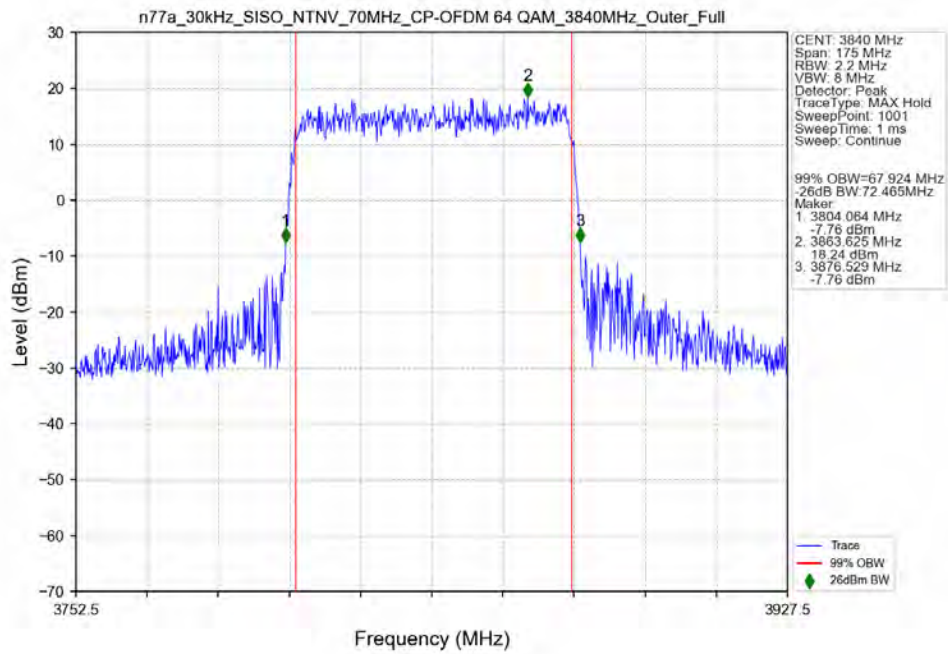
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_16_QAM_3945MHz_Outer_Full_Ant13



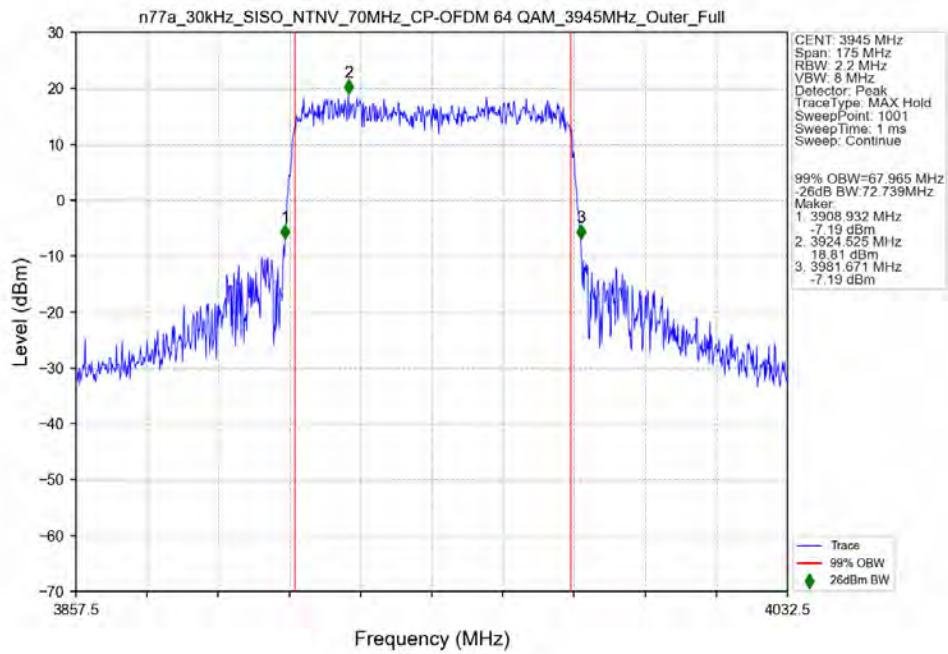
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3735MHz_Outer_Full_Ant13



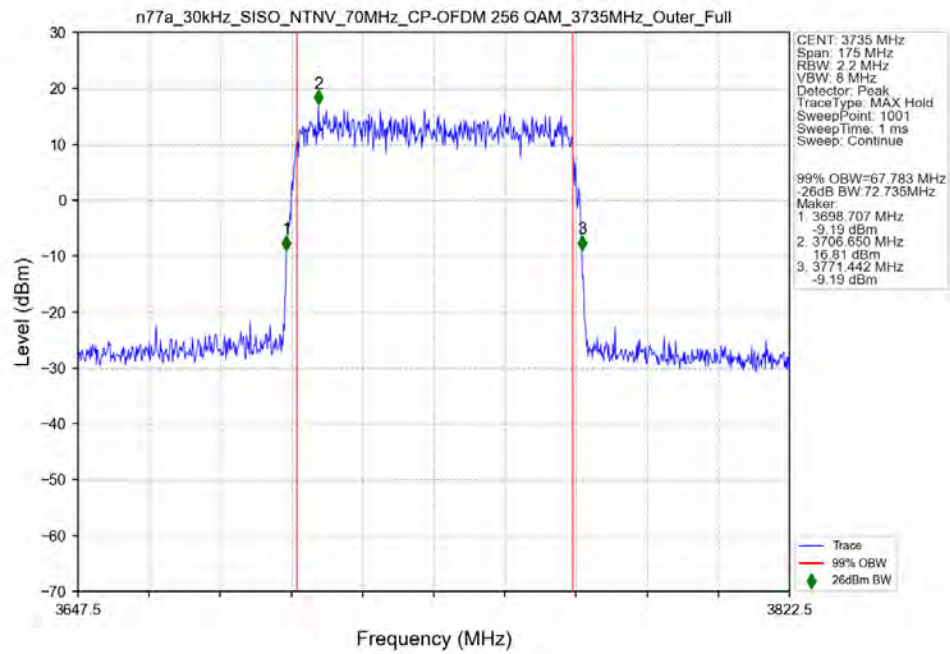
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



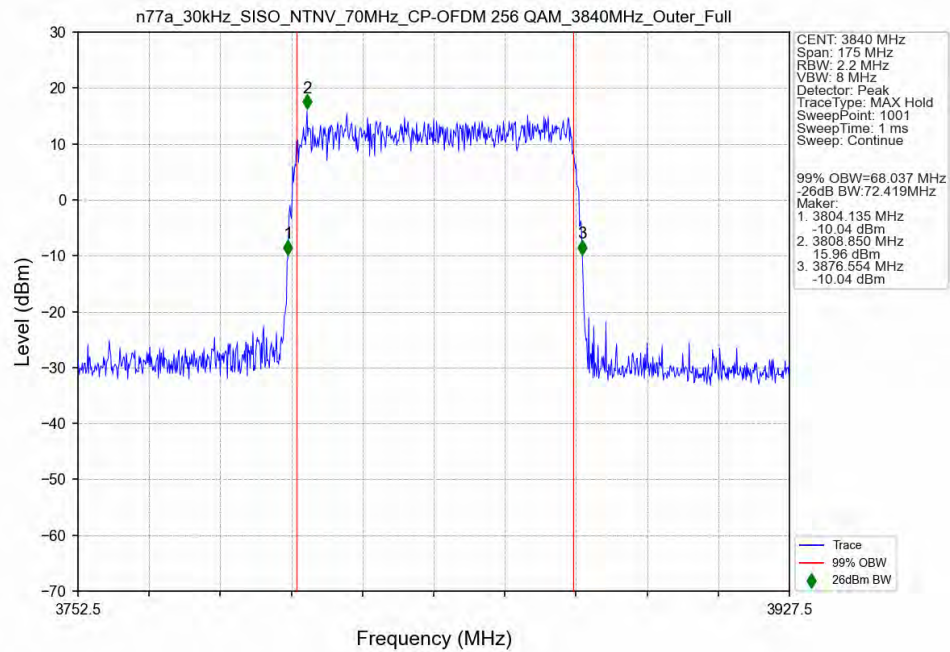
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3945MHz_Outer_Full_Ant13



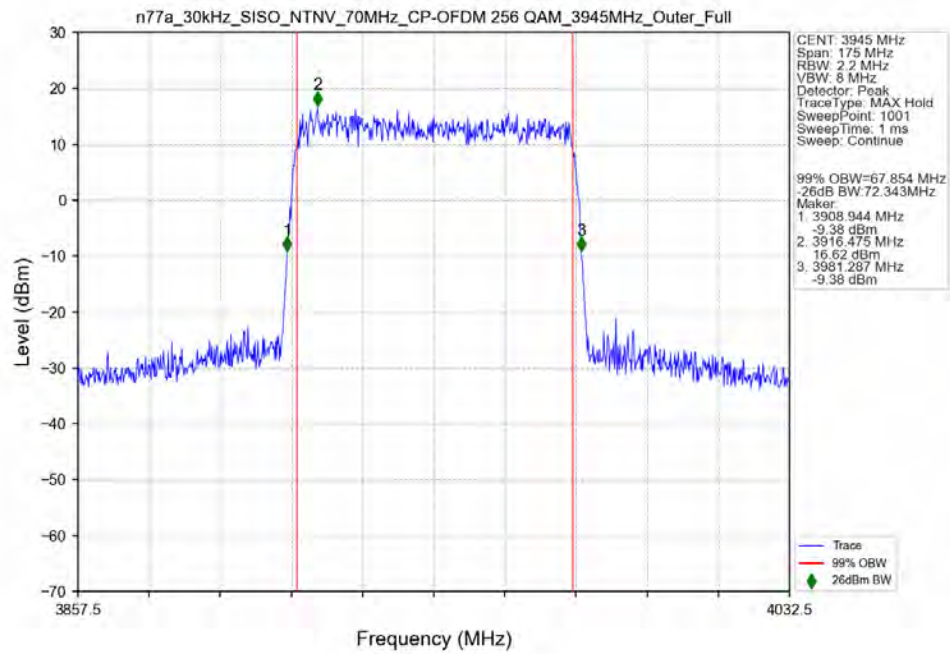
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3735MHz_Outer_Full_Ant13



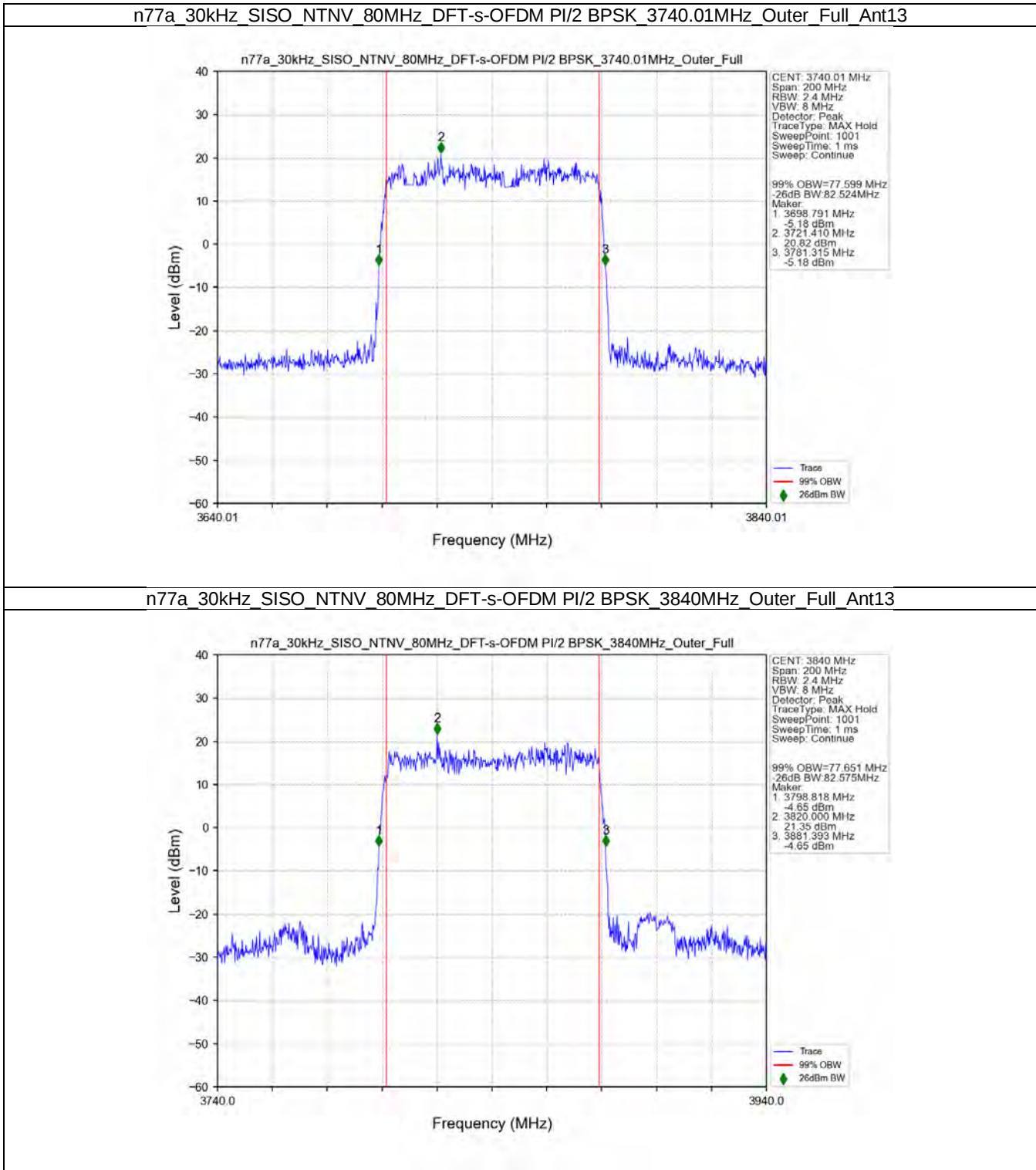
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



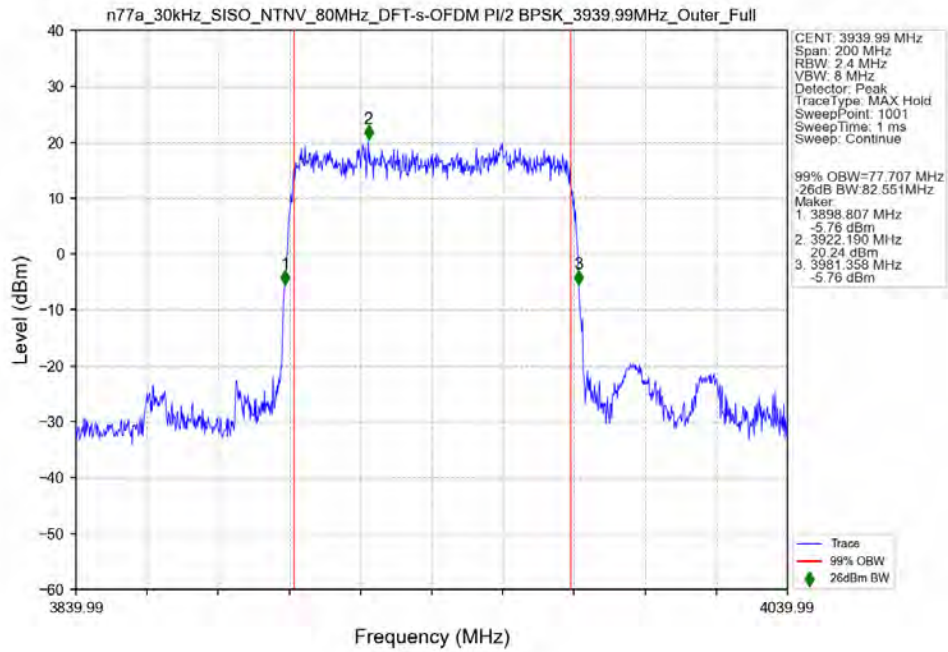
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3945MHz_Outer_Full_Ant13



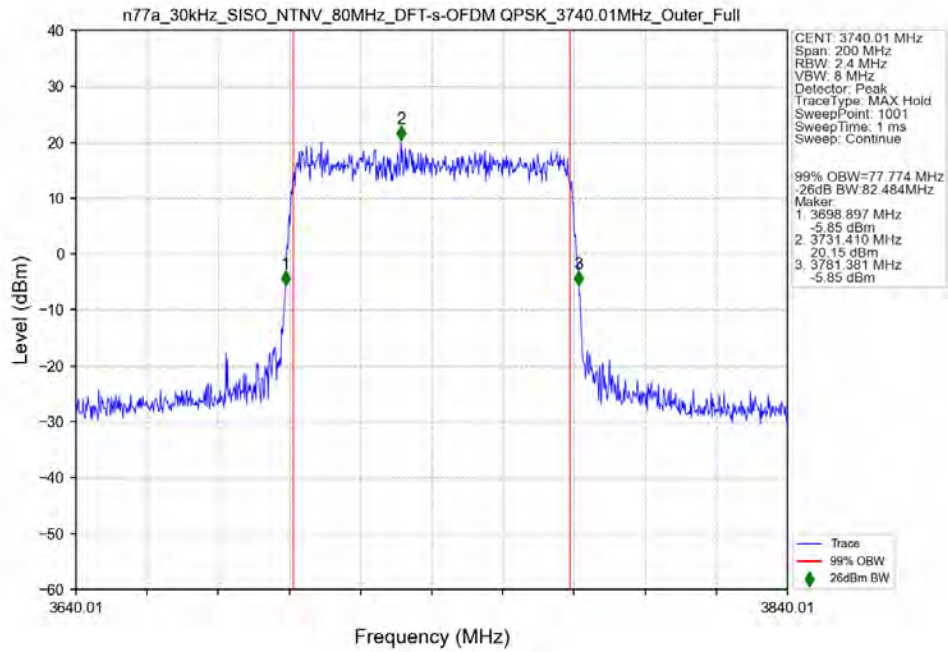
3.2.9 30k_SISO_80MHz_NTNV



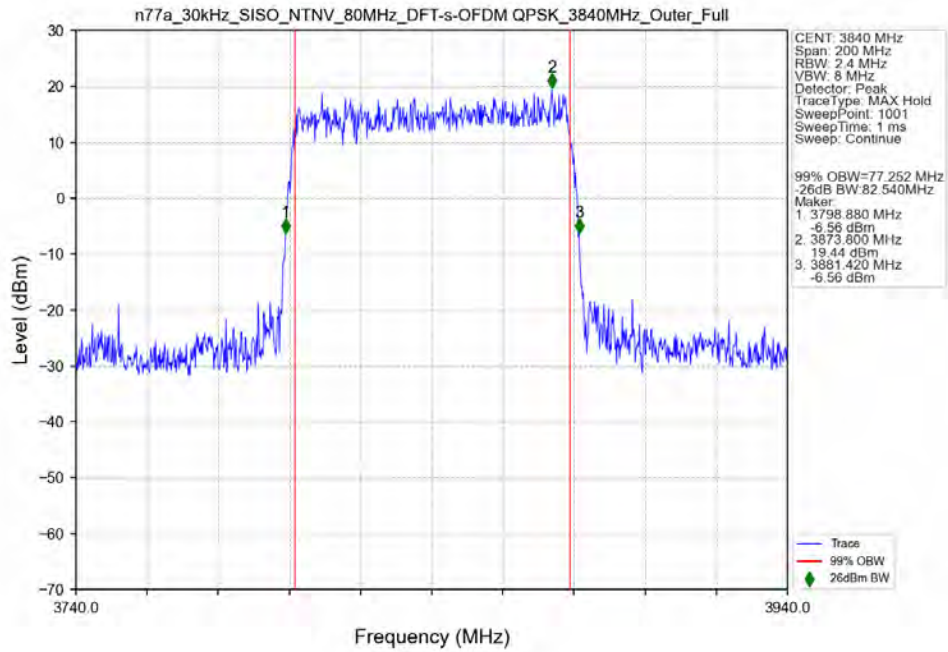
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_PI/2_BPSK_3939.99MHz_Outer_Full_Ant13



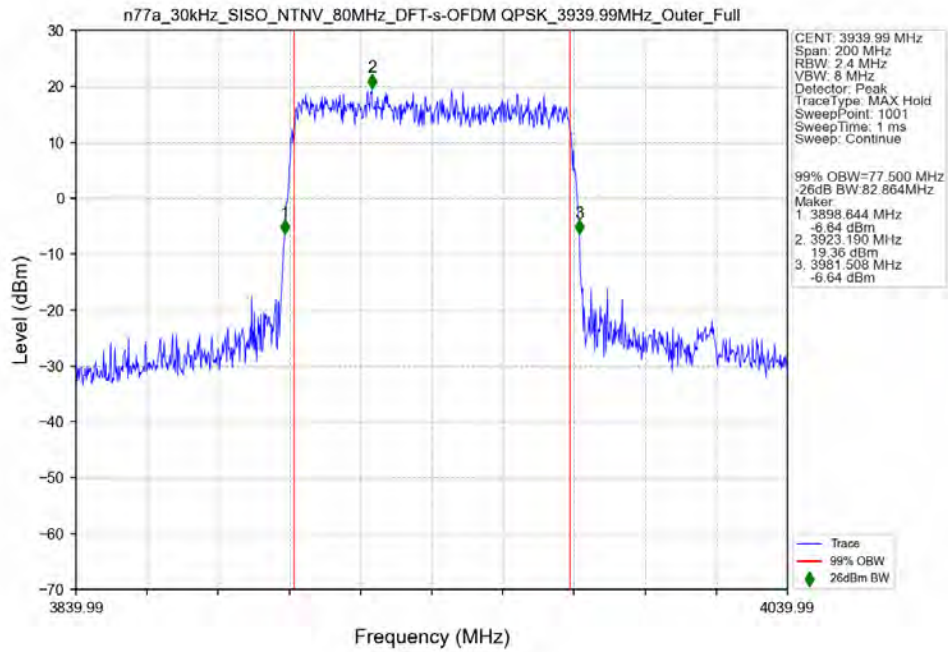
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3740.01MHz_Outer_Full_Ant13



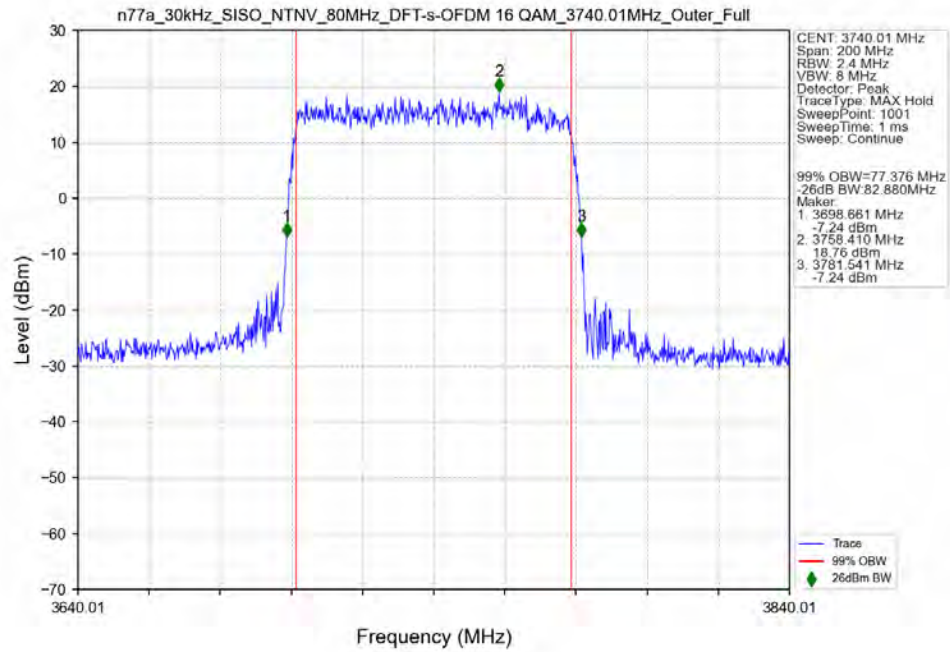
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



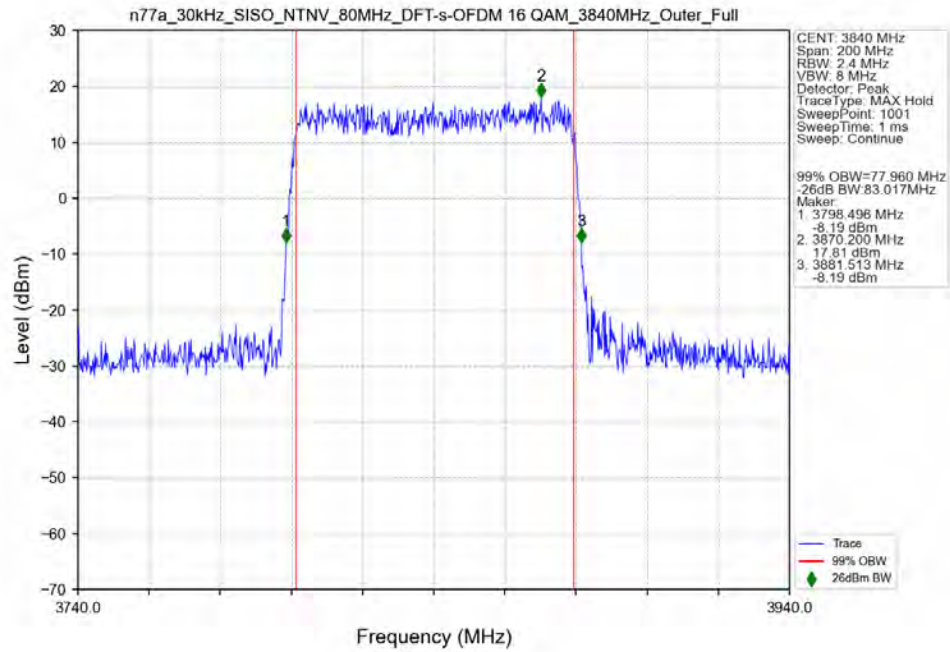
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3939.99MHz_Outer_Full_Ant13



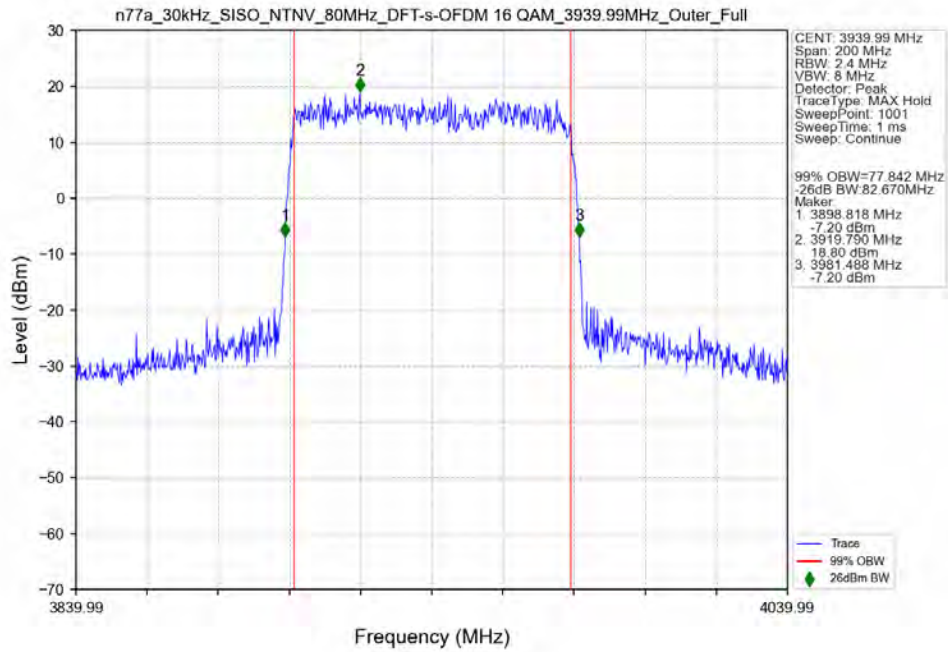
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3740.01MHz_Outer_Full_Ant13



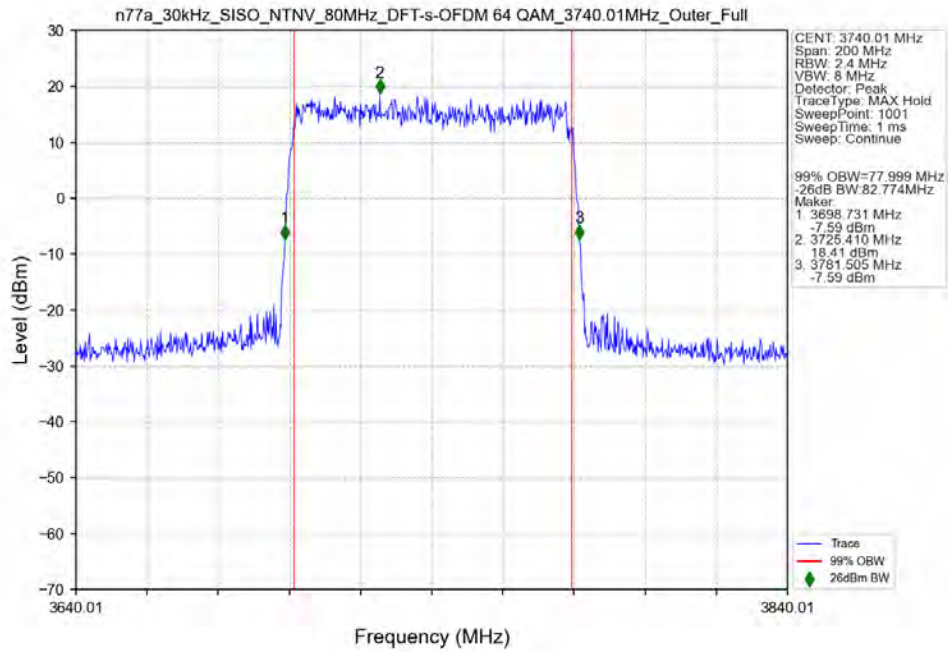
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



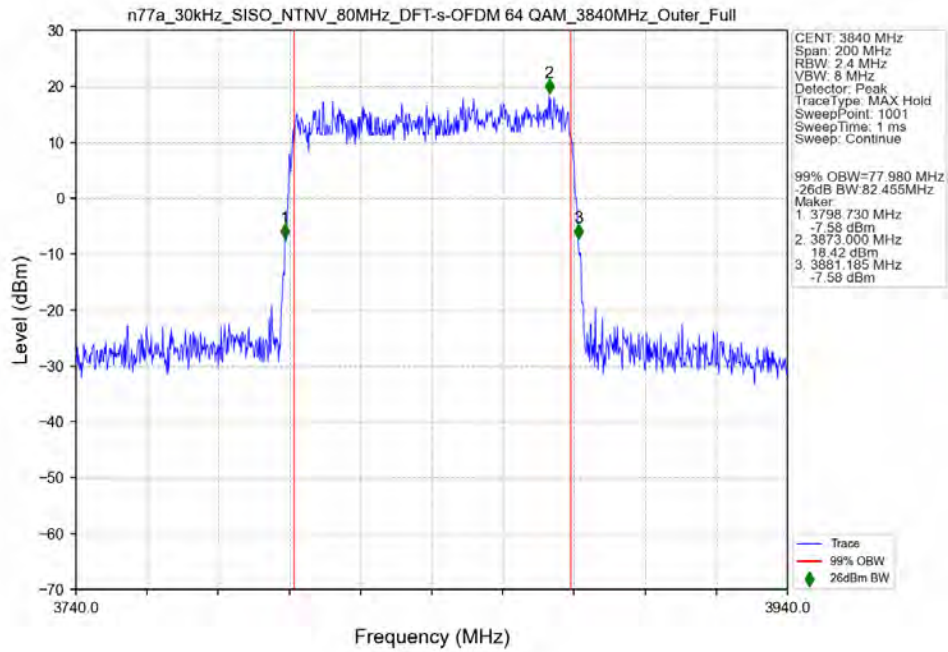
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3939.99MHz_Outer_Full_Ant13



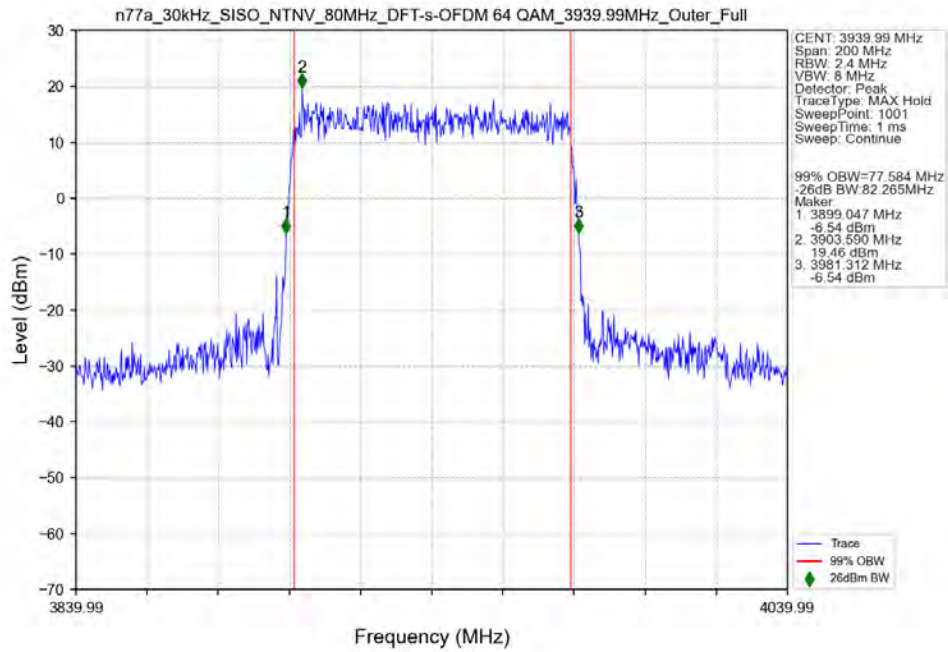
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3740.01MHz_Outer_Full_Ant13



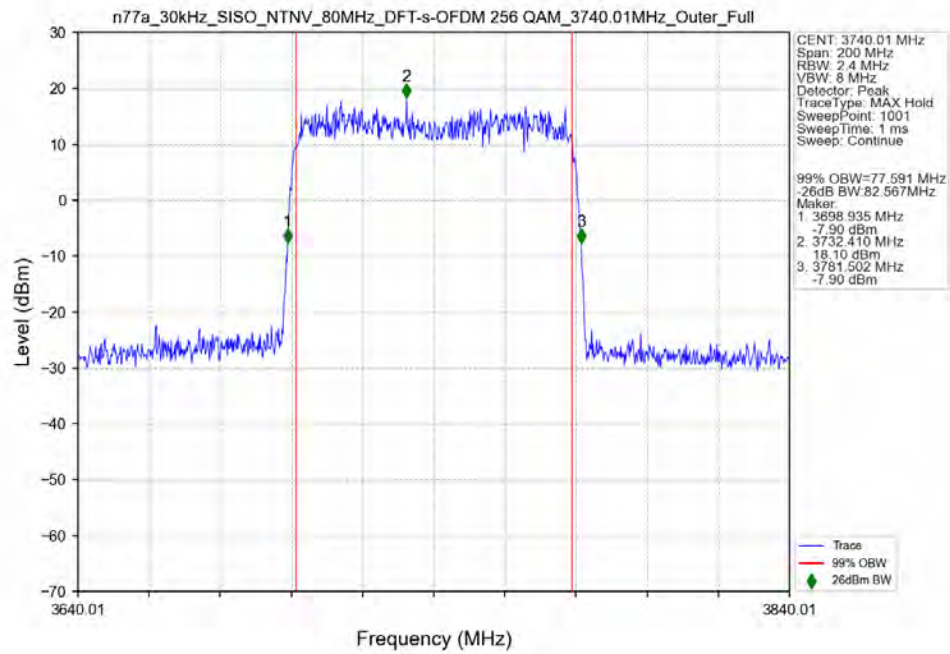
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



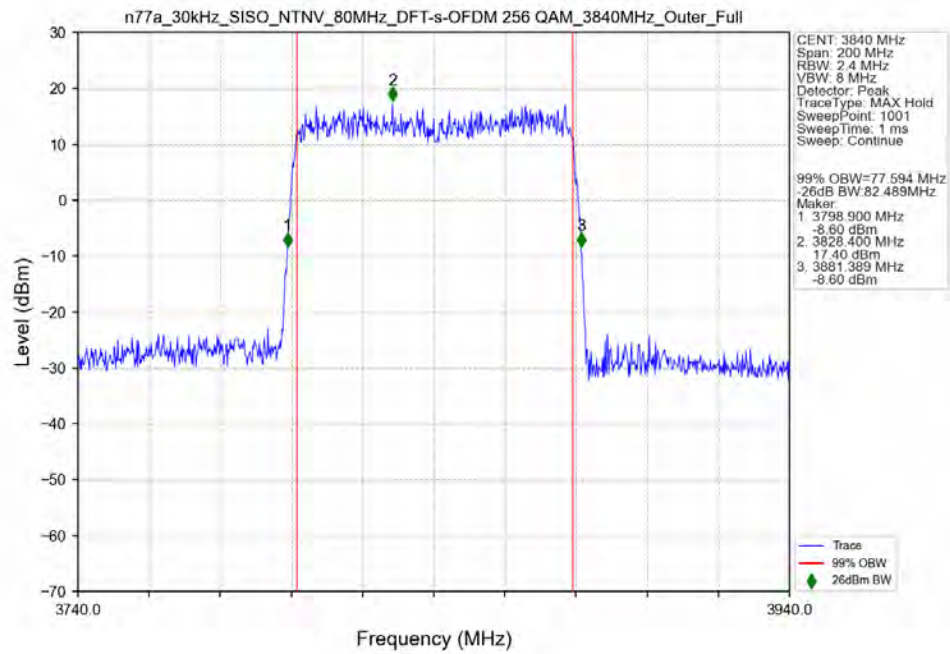
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3939.99MHz_Outer_Full_Ant13



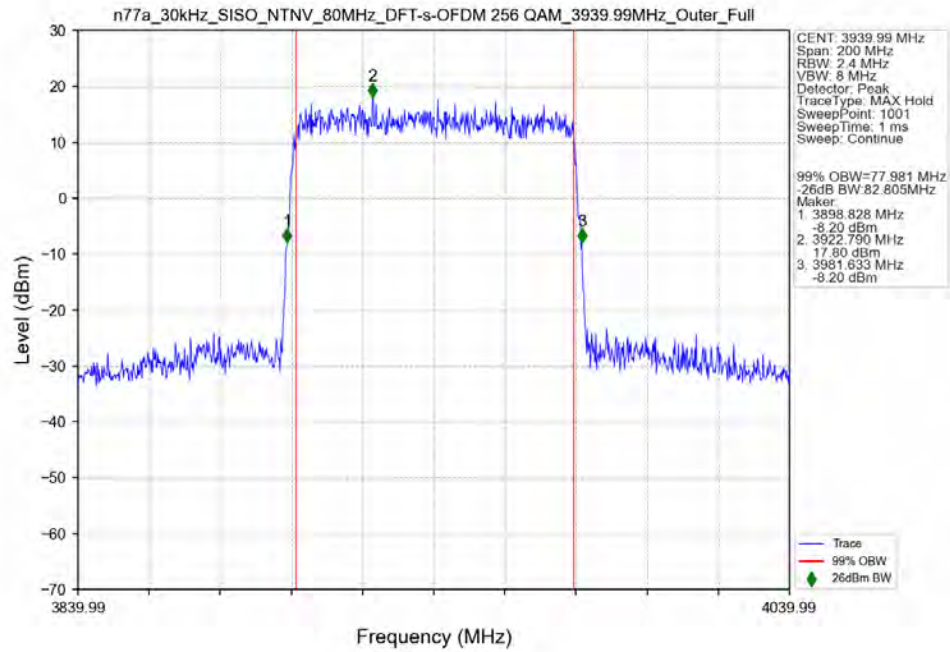
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3740.01MHz_Outer_Full_Ant13



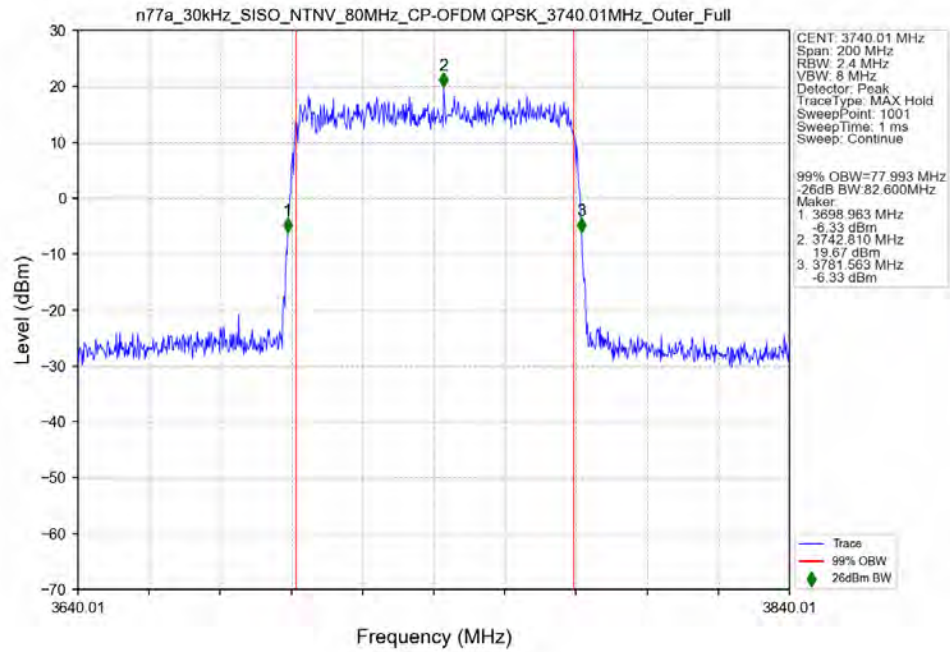
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



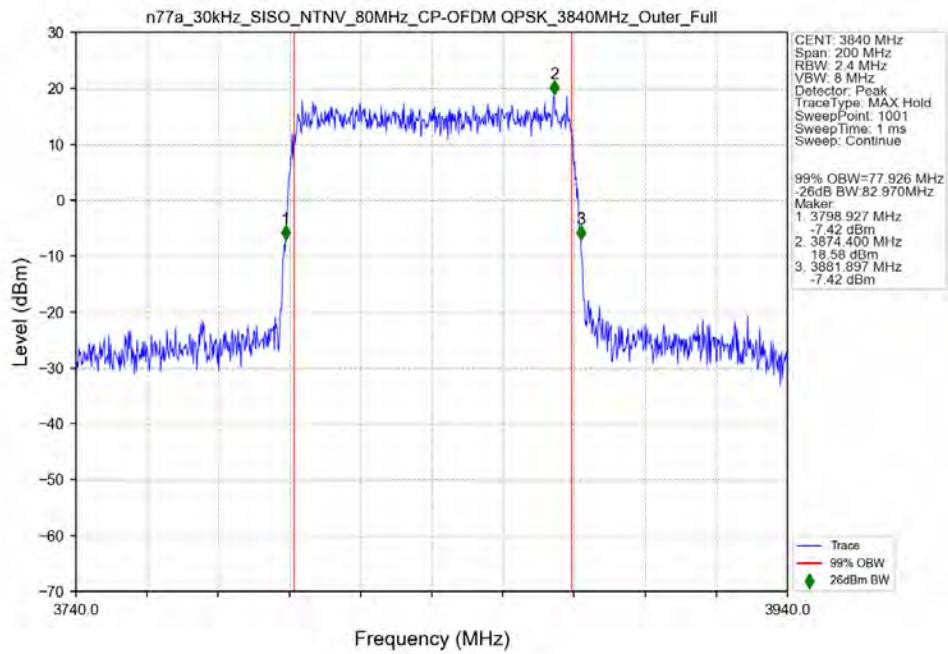
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3939.99MHz_Outer_Full_Ant13



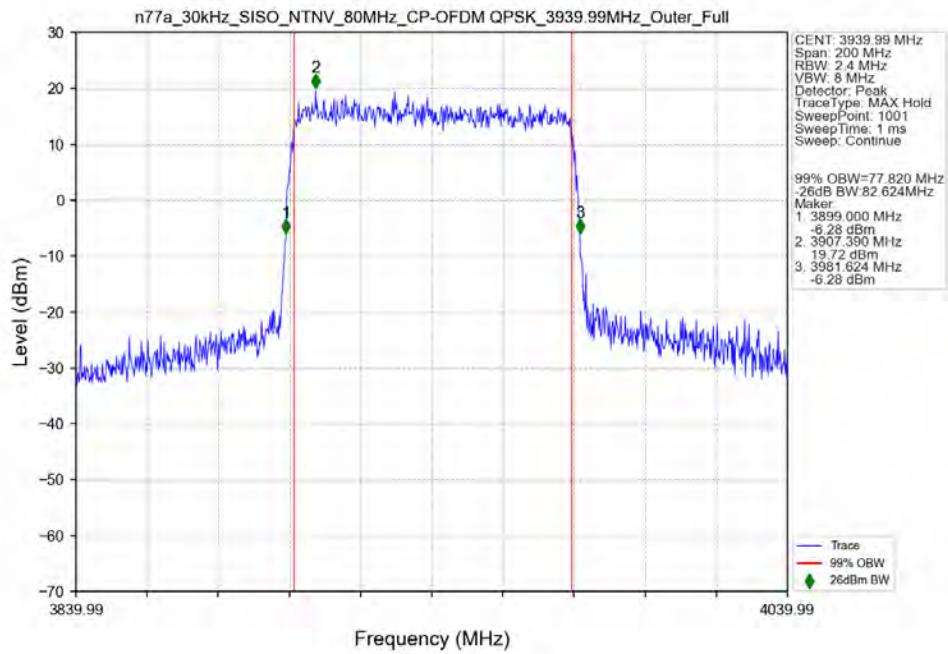
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3740.01MHz_Outer_Full_Ant13



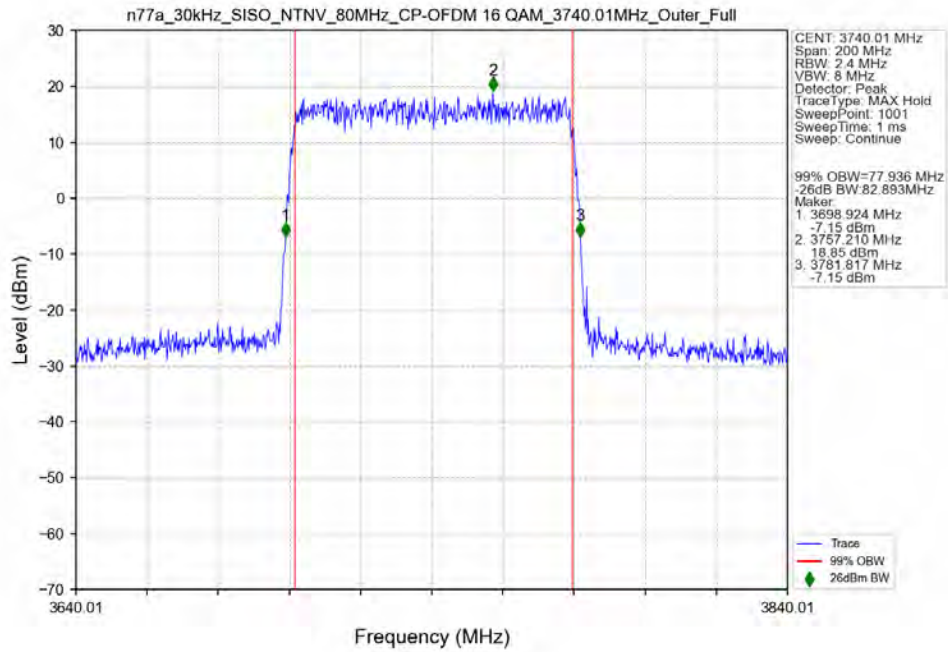
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



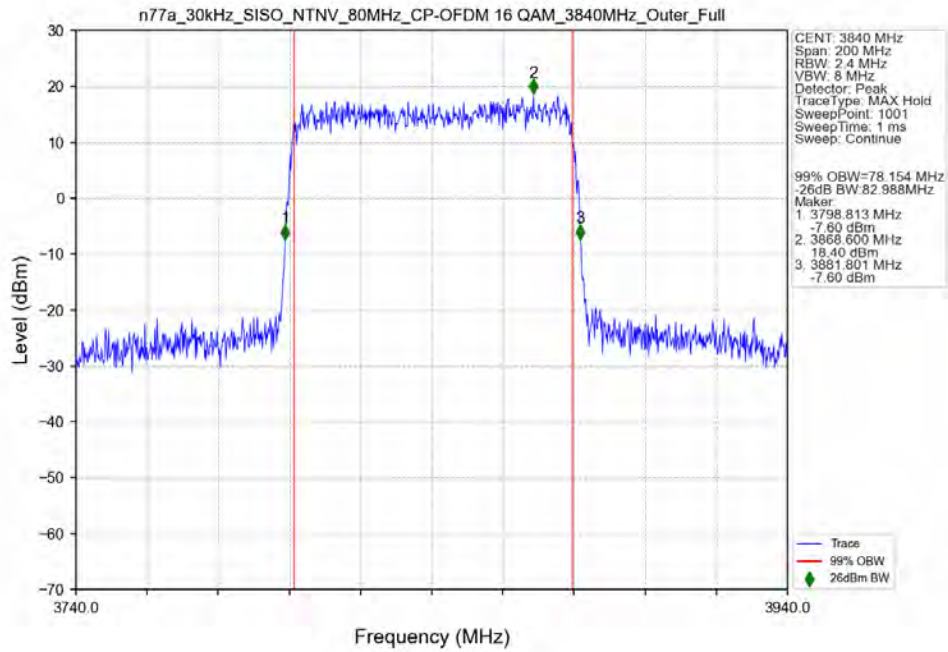
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3939.99MHz_Outer_Full_Ant13



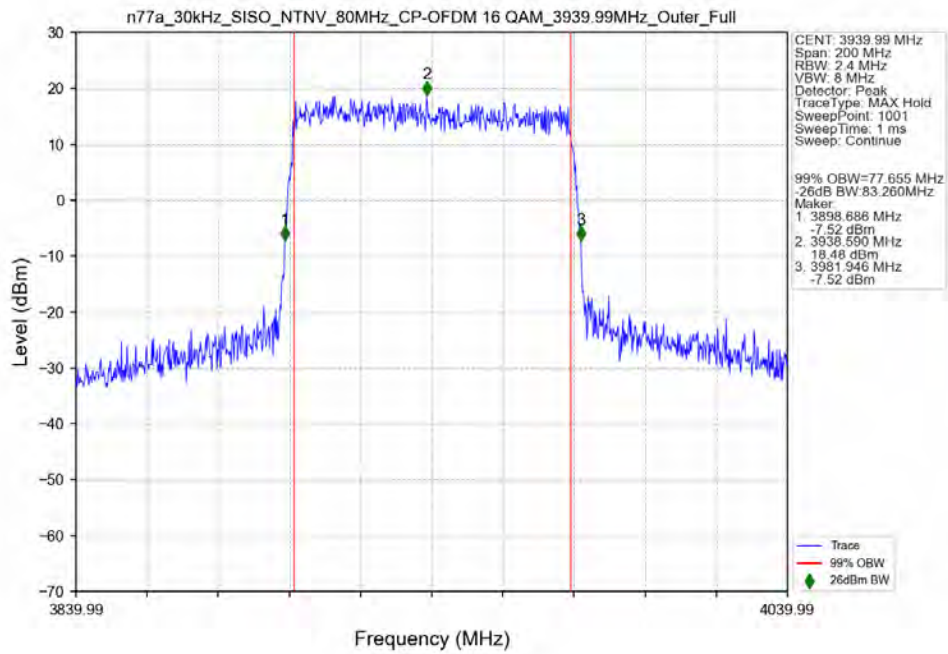
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3740.01MHz_Outer_Full_Ant13



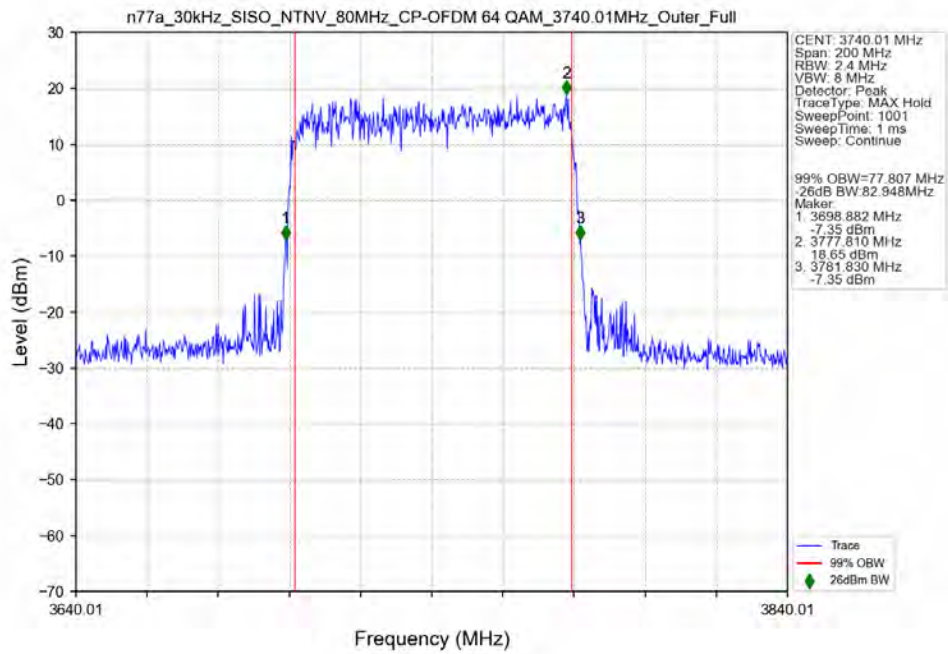
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



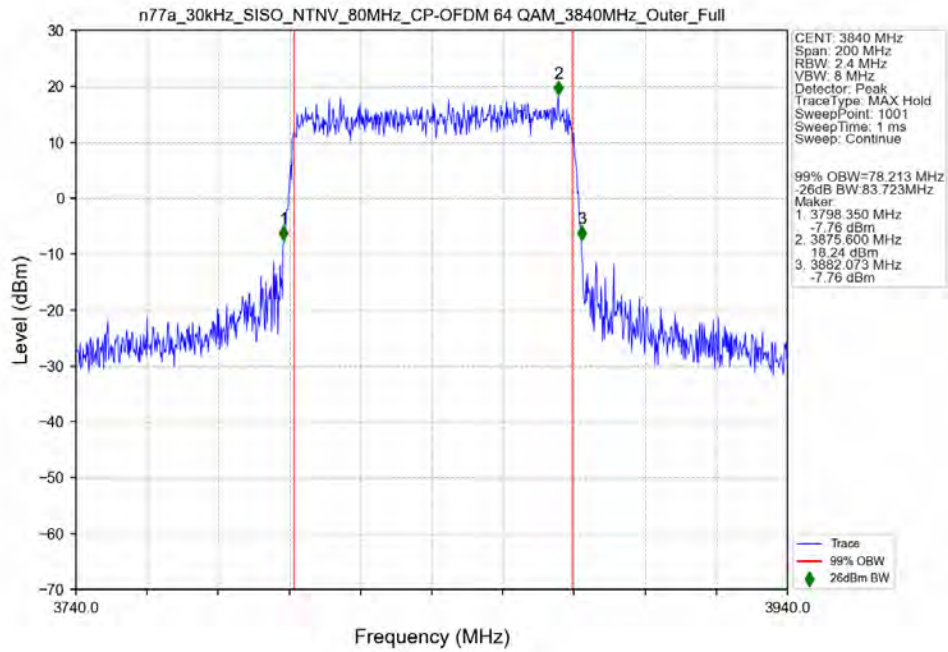
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3939.99MHz_Outer_Full_Ant13



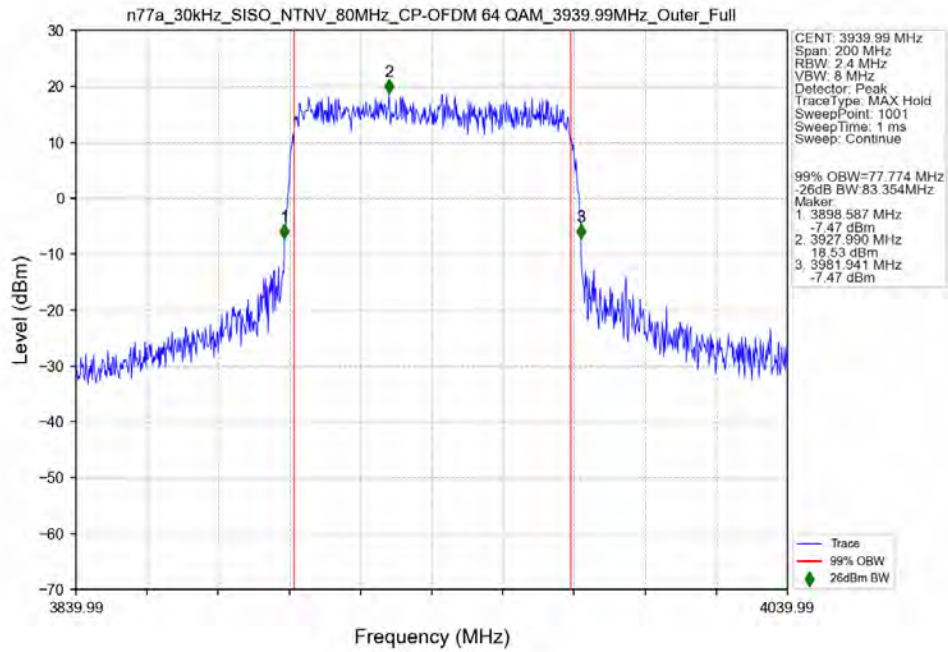
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3740.01MHz_Outer_Full_Ant13



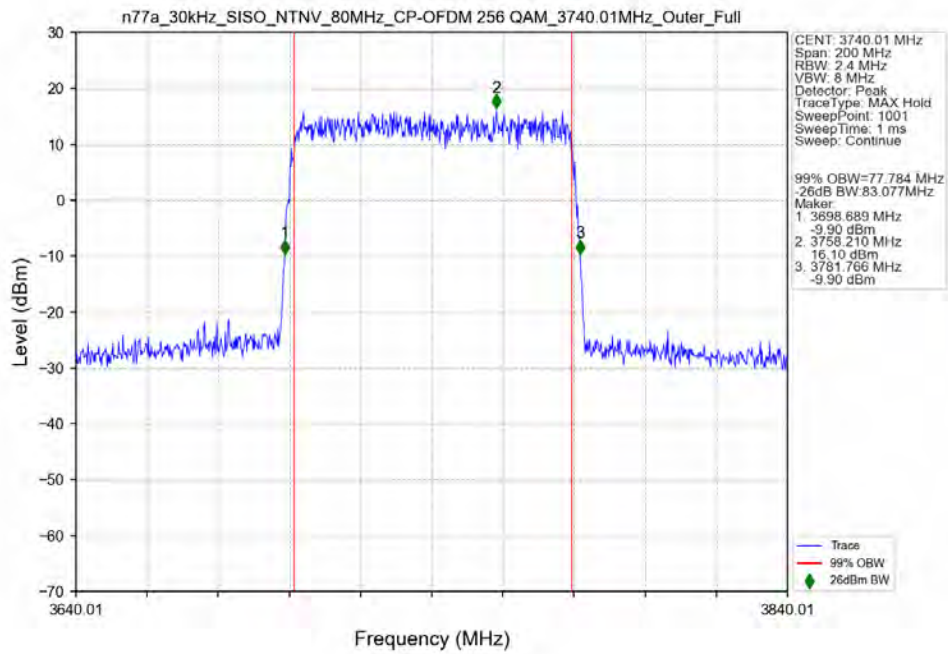
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



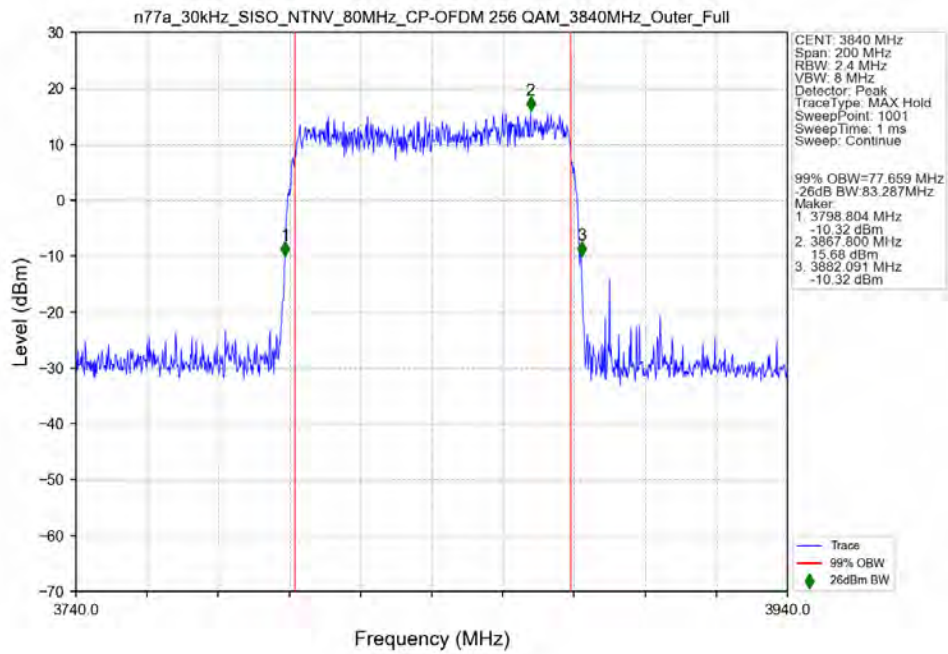
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3939.99MHz_Outer_Full_Ant13



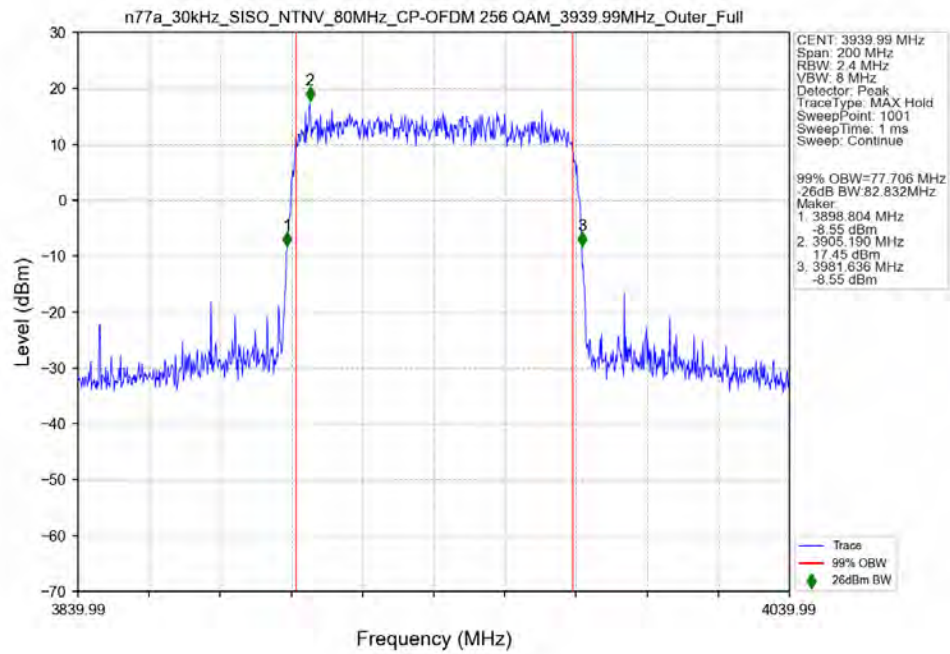
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3740.01MHz_Outer_Full_Ant13



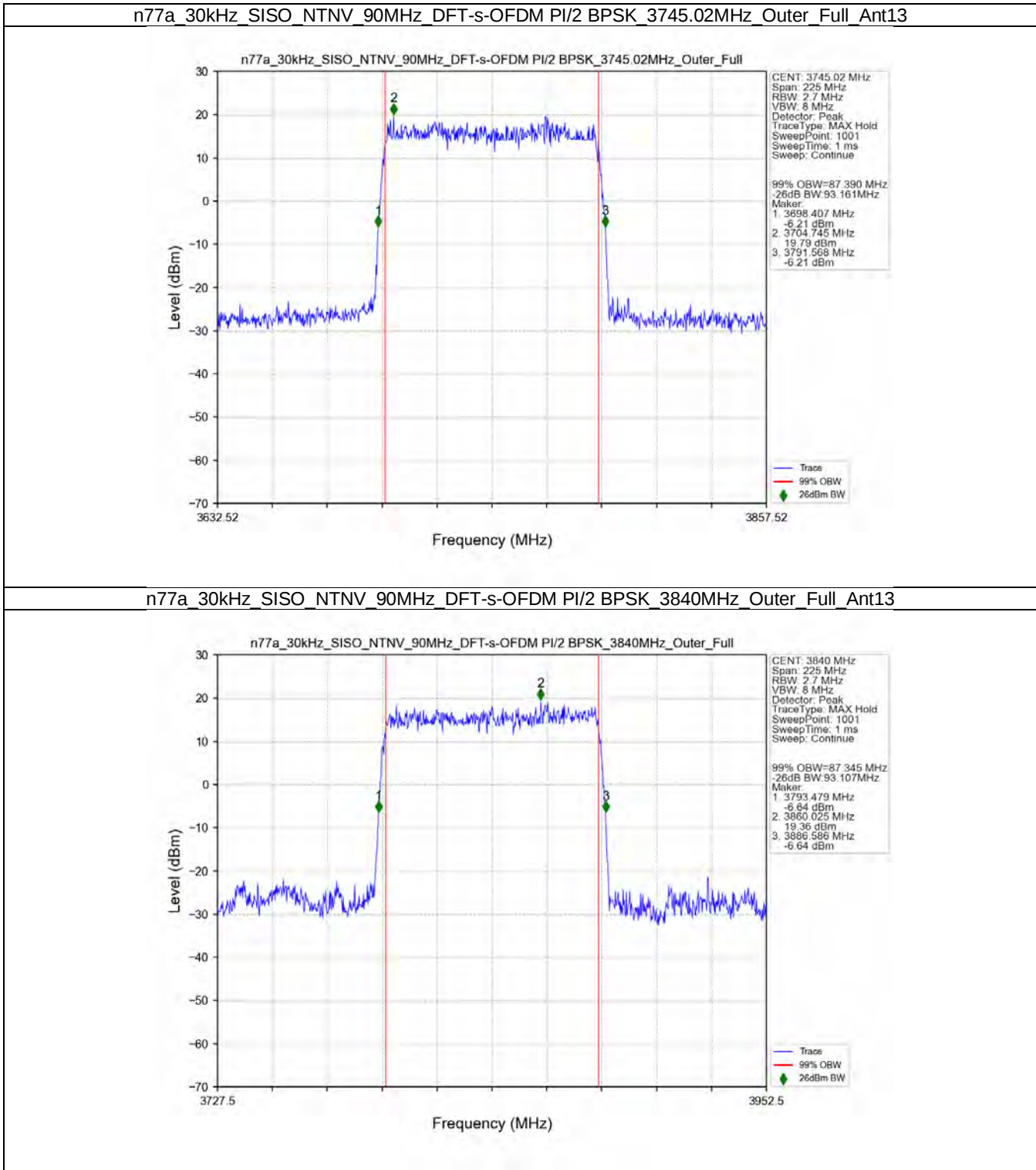
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



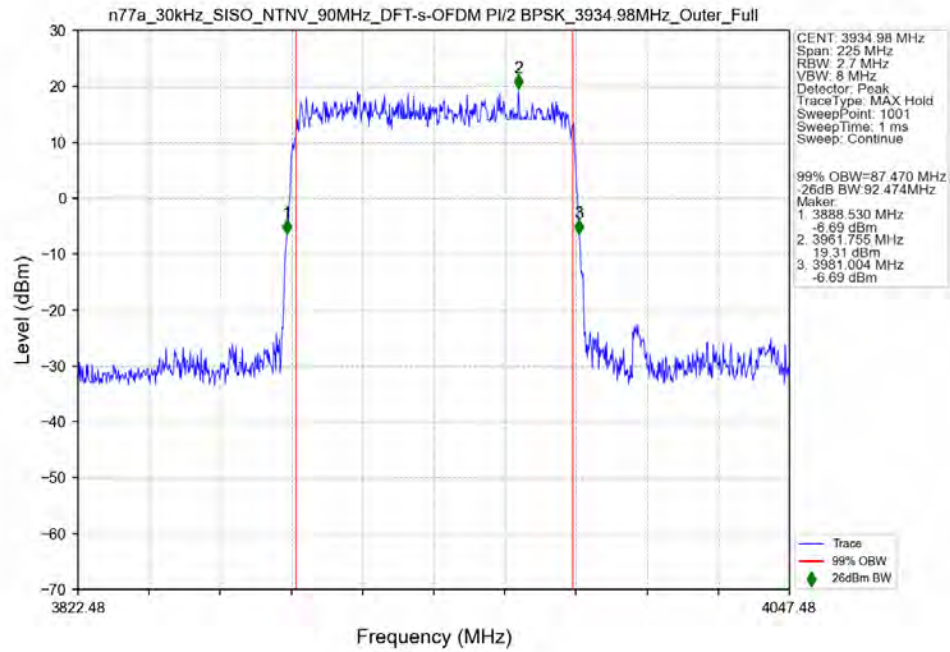
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3939.99MHz_Outer_Full_Ant13



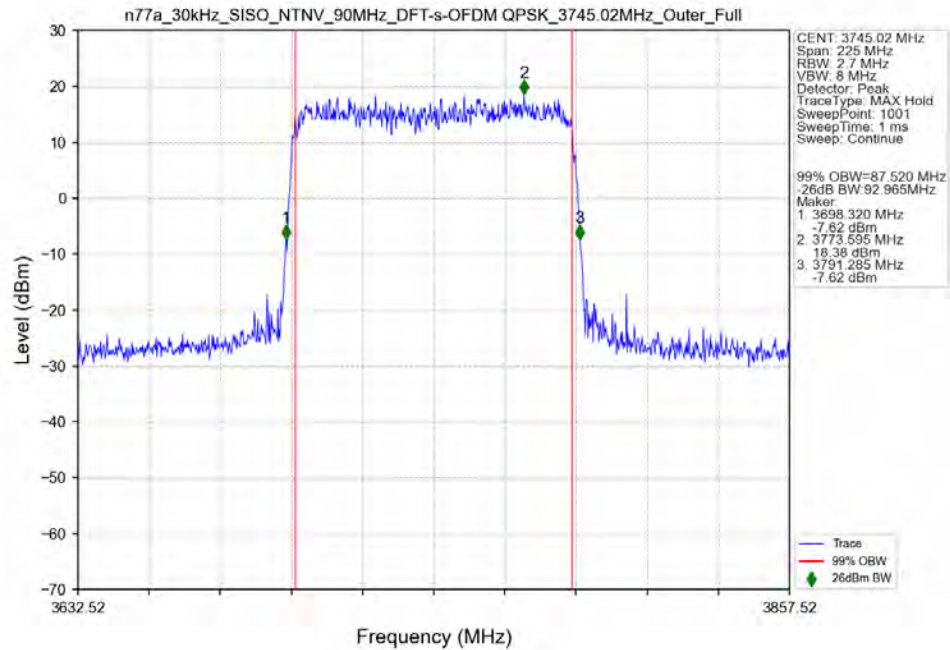
3.2.10 30k_SISO_90MHz_NTNV



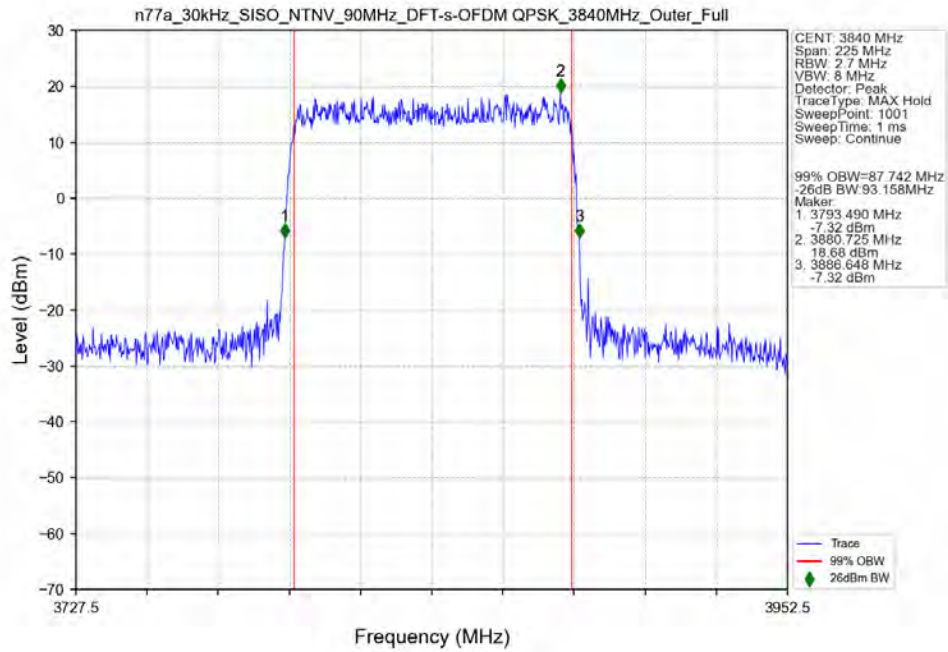
n77a 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3934.98MHz Outer Full Ant13



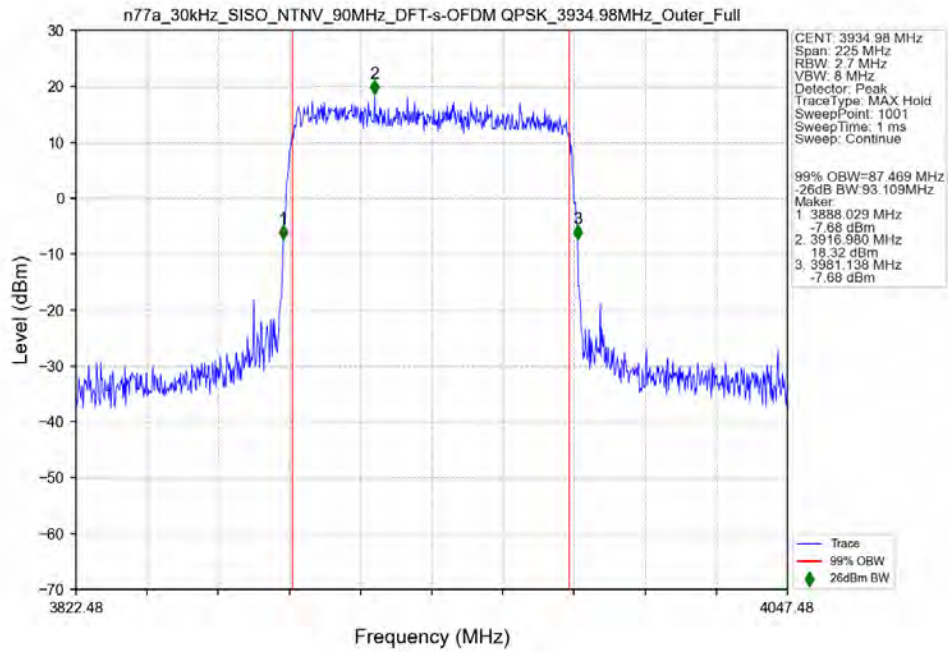
n77a 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3745.02MHz Outer Full Ant13



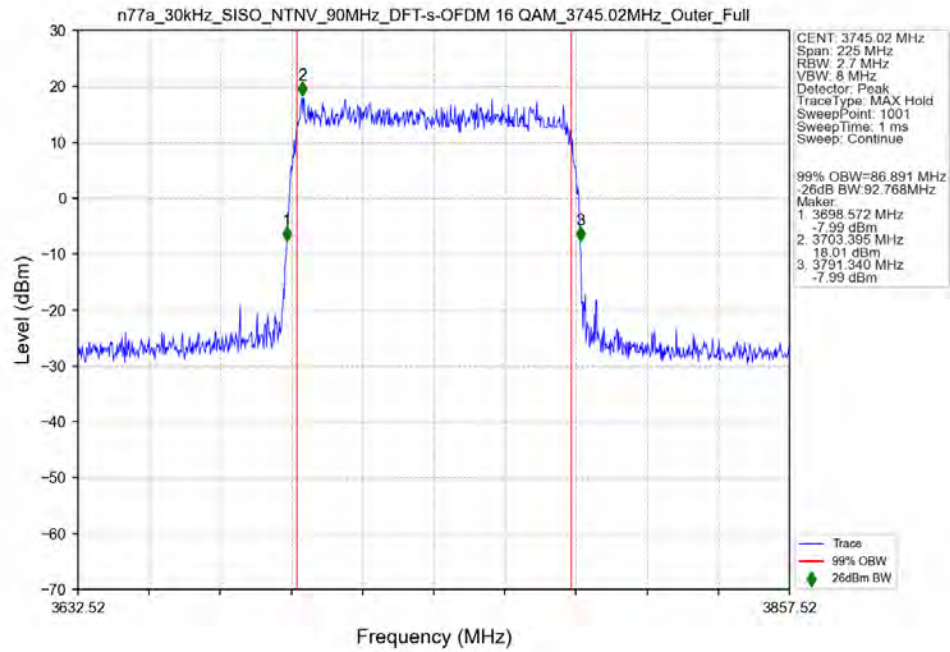
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



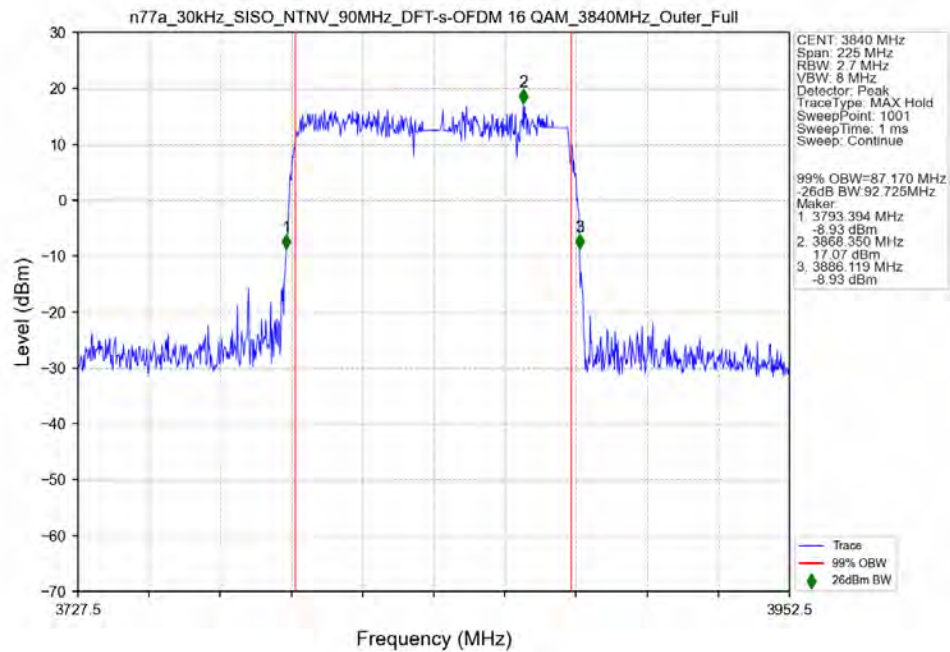
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3934.98MHz_Outer_Full_Ant13



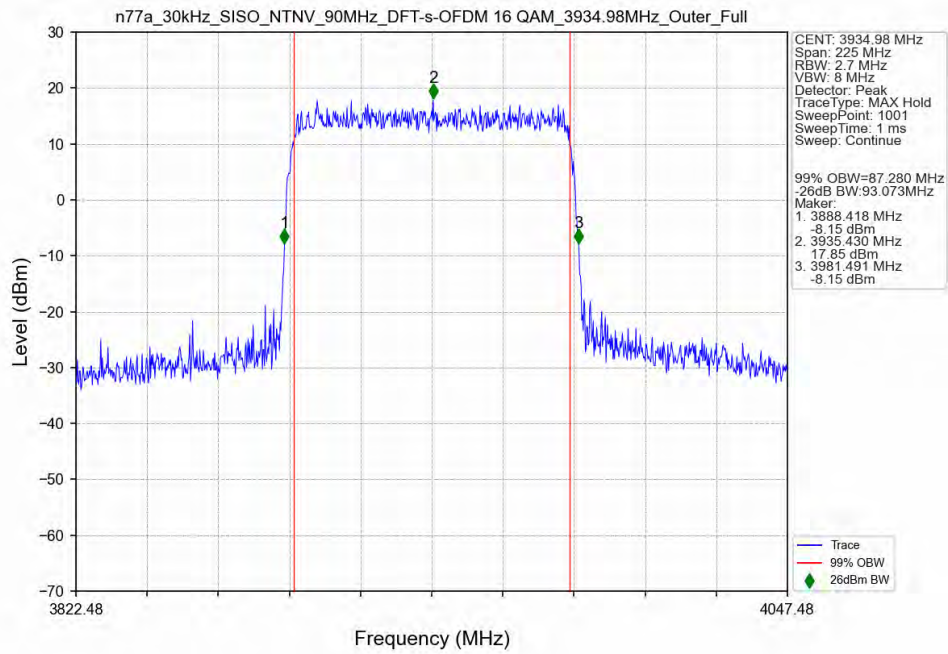
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3745.02MHz_Outer_Full_Ant13



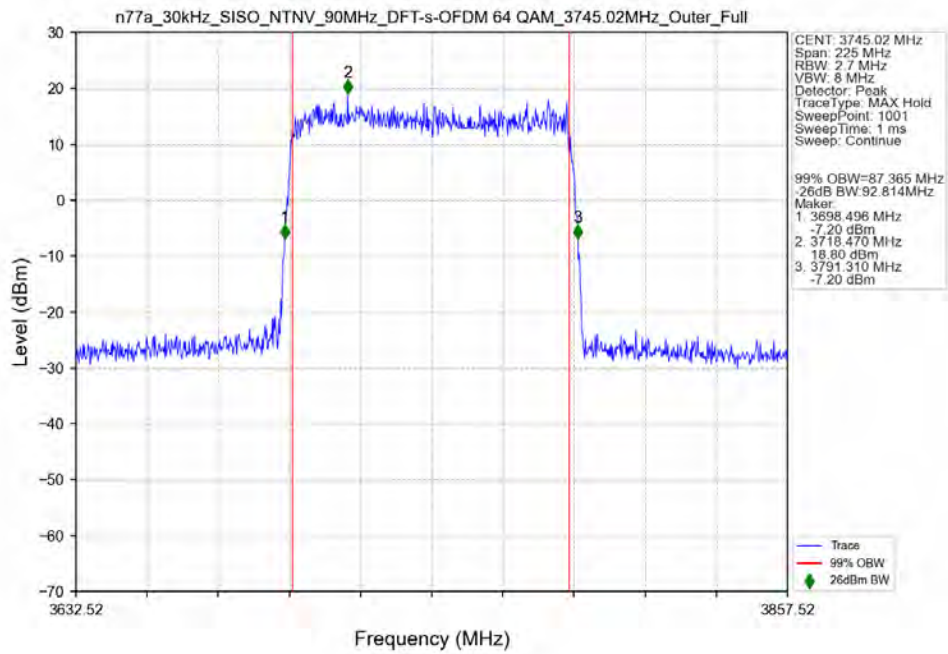
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



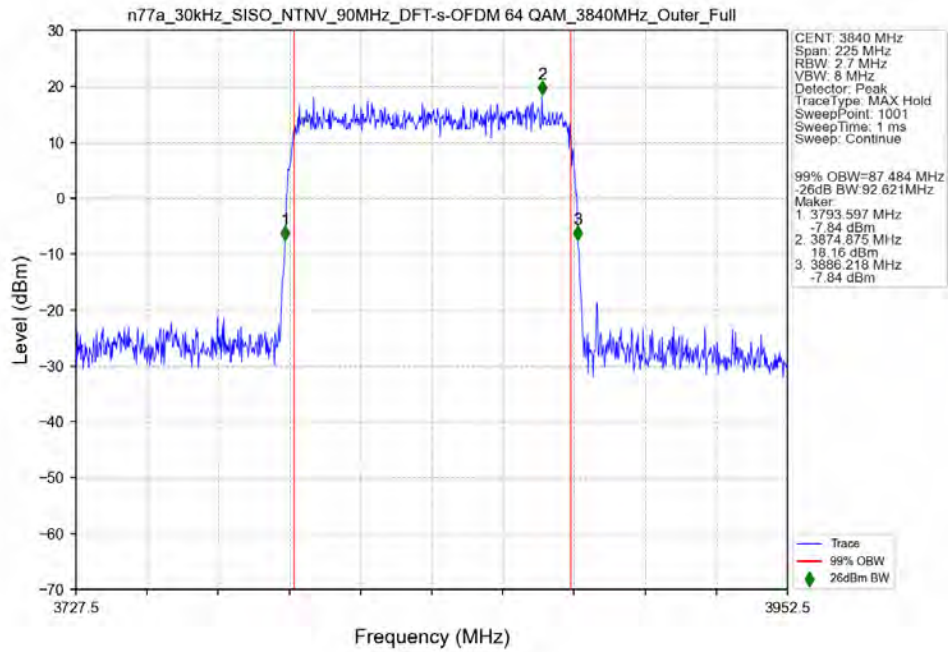
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3934.98MHz_Outer_Full_Ant13



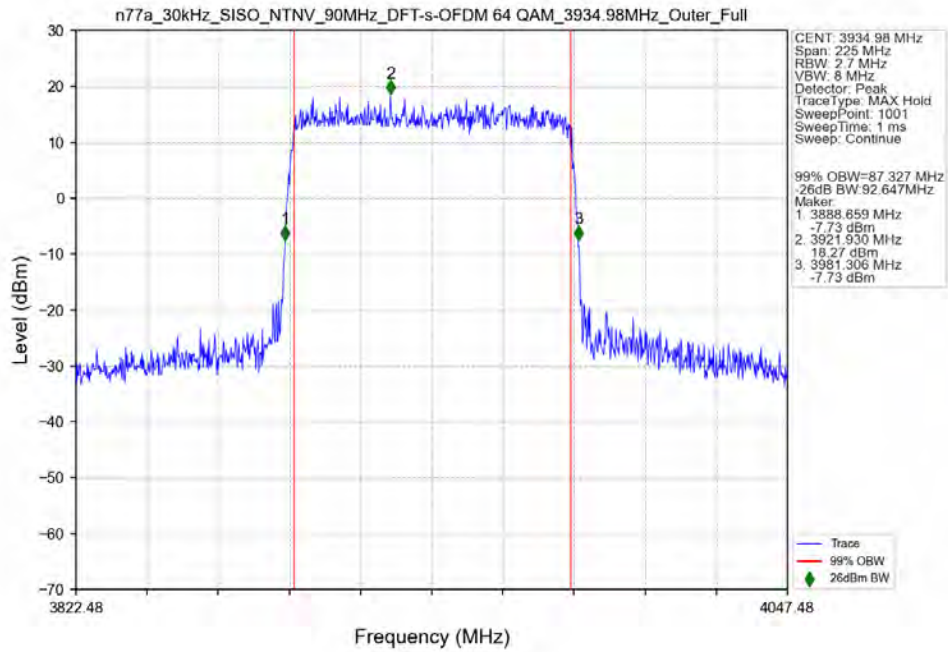
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3745.02MHz_Outer_Full_Ant13



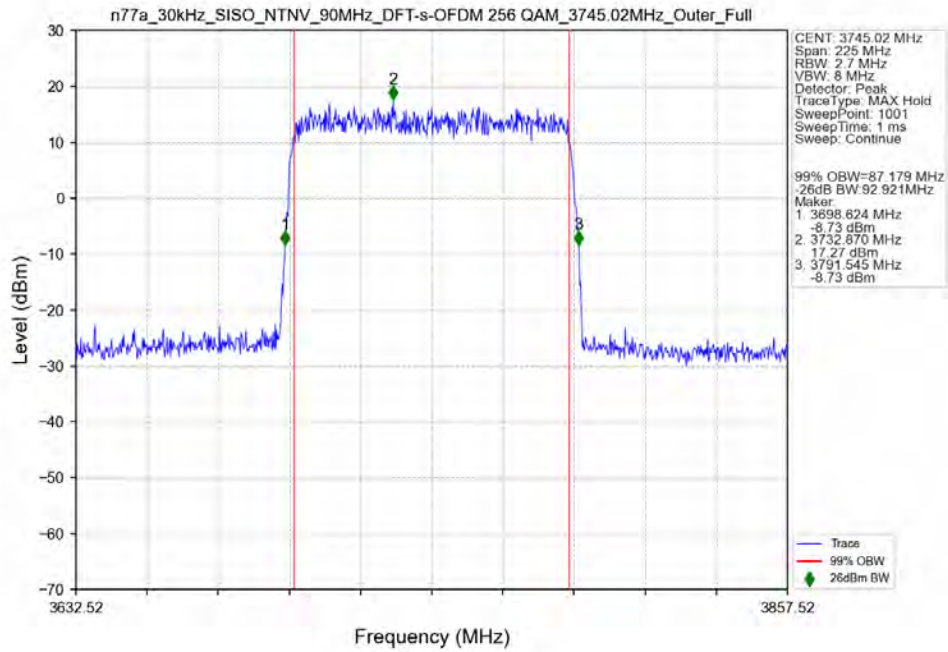
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



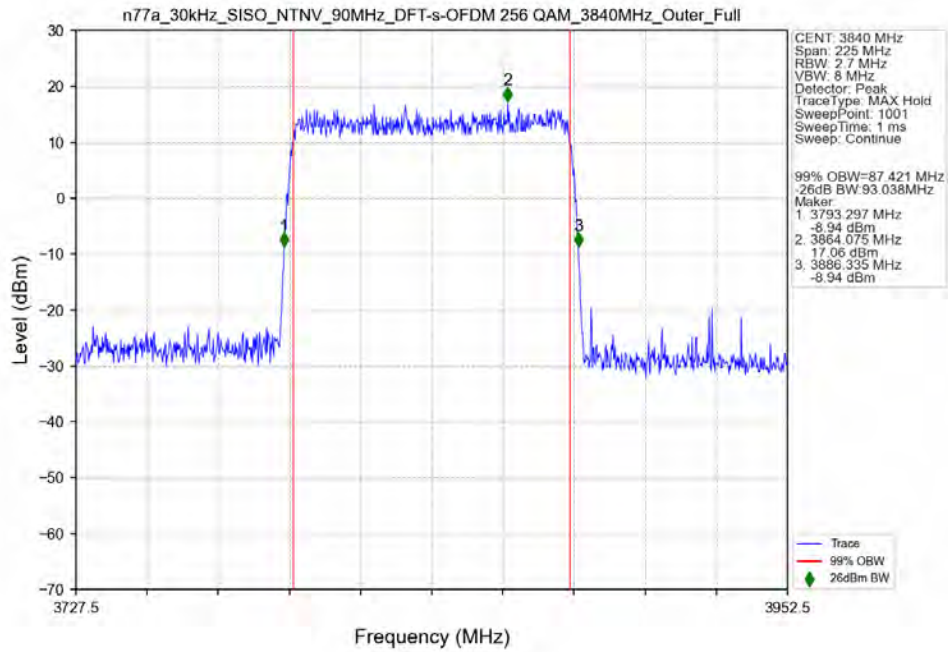
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3934.98MHz_Outer_Full_Ant13



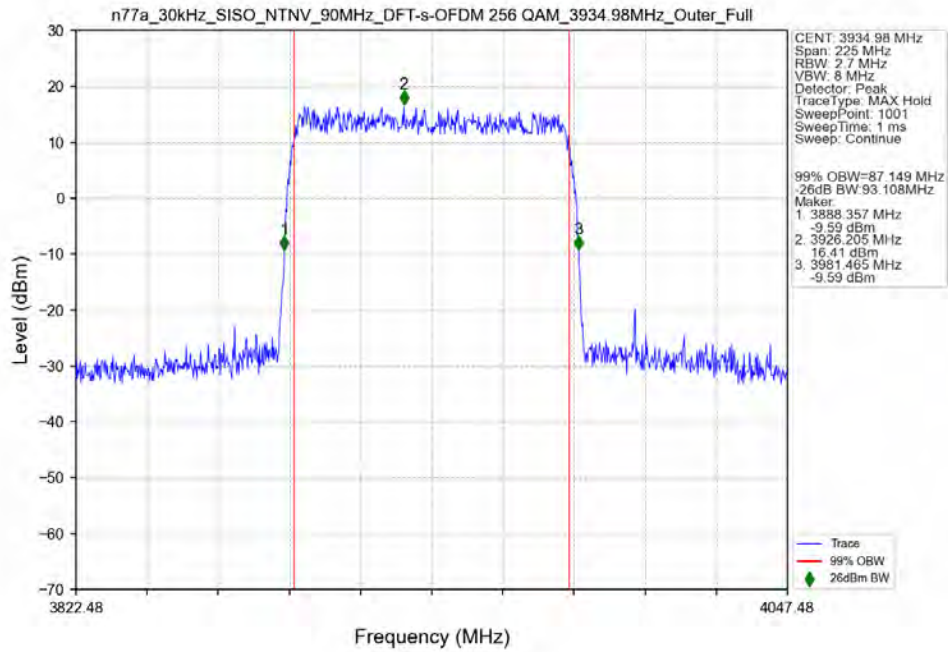
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3745.02MHz_Outer_Full_Ant13



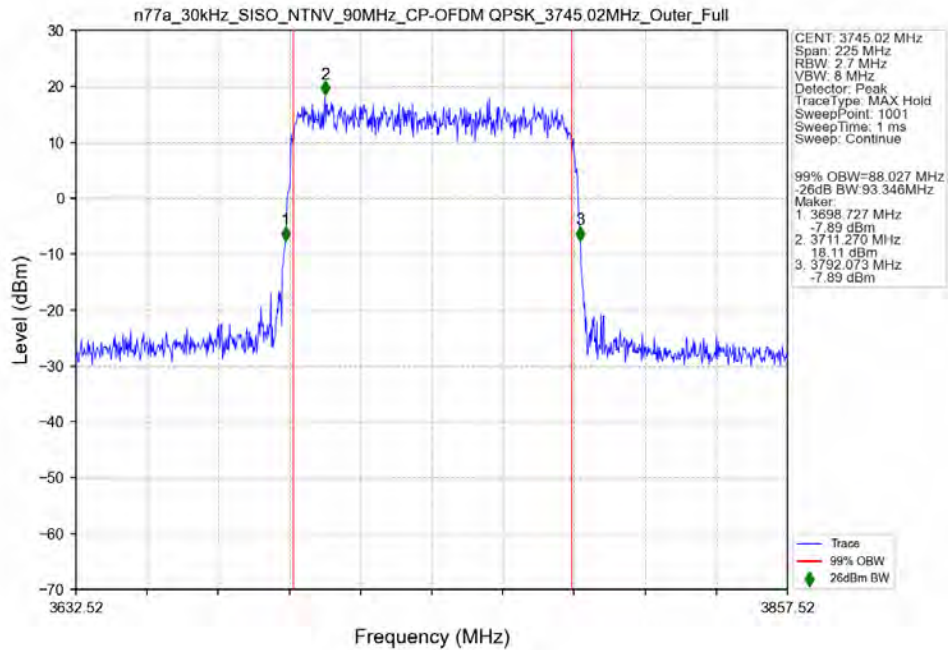
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



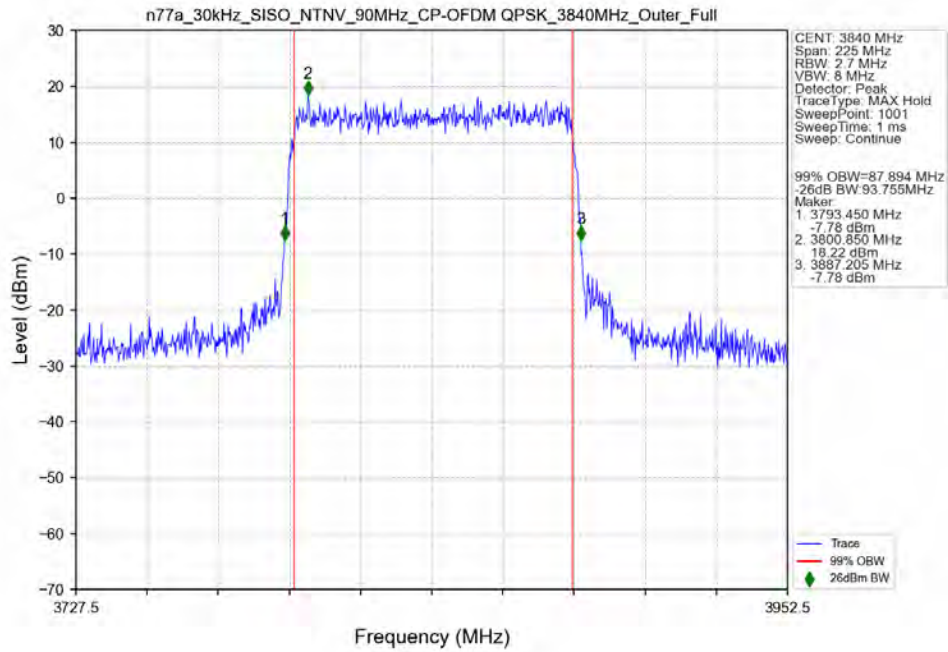
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3934.98MHz_Outer_Full_Ant13



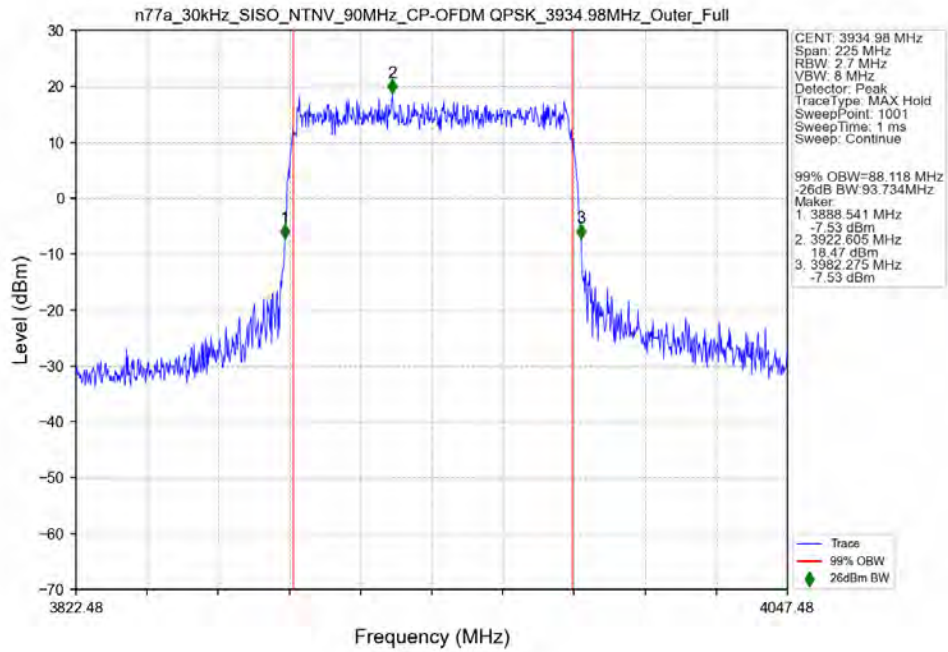
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3745.02MHz_Outer_Full_Ant13



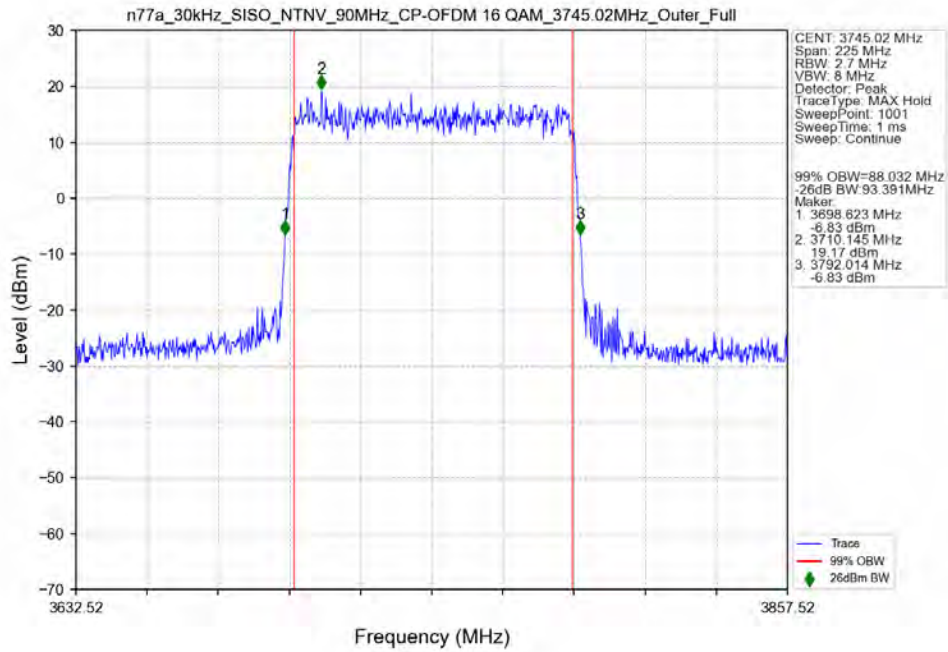
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



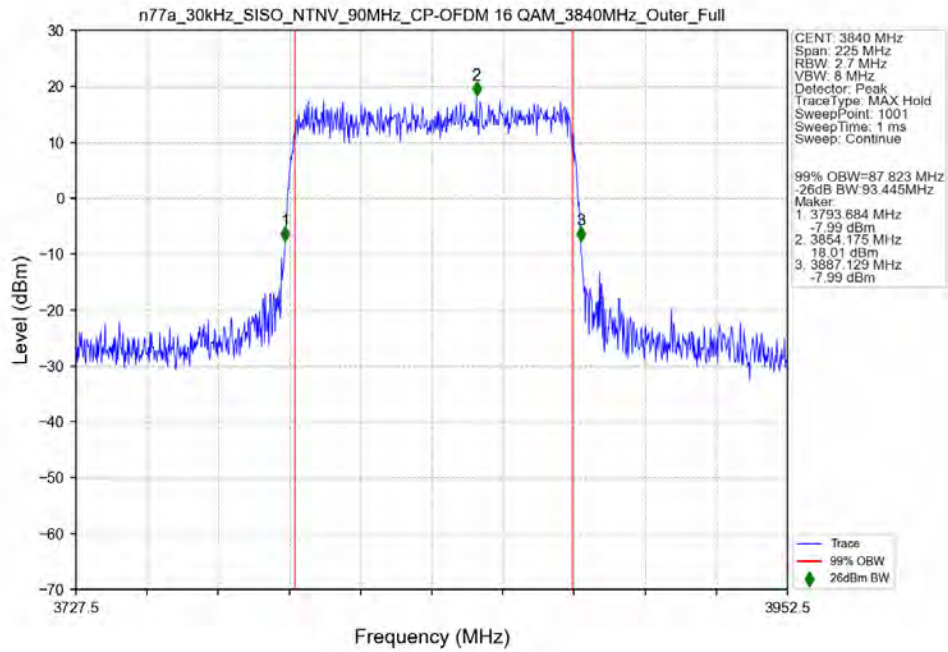
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3934.98MHz_Outer_Full_Ant13



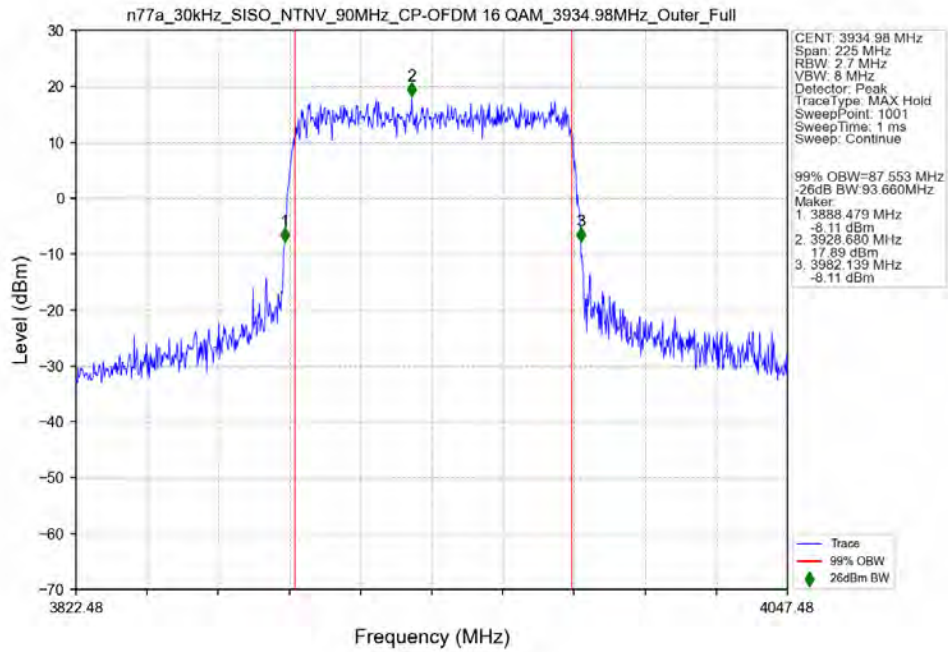
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_16_QAM_3745.02MHz_Outer_Full_Ant13



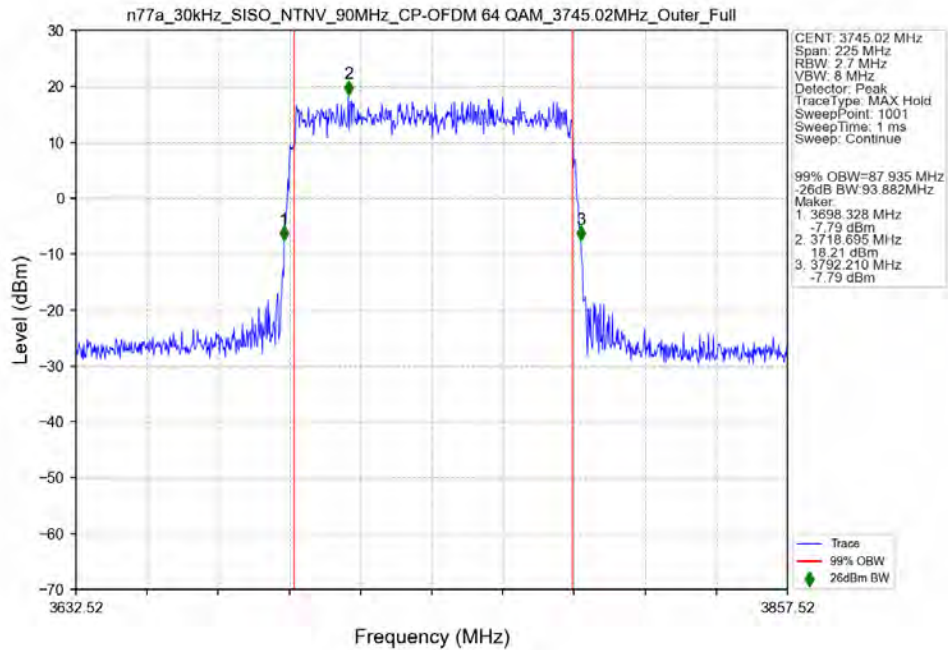
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



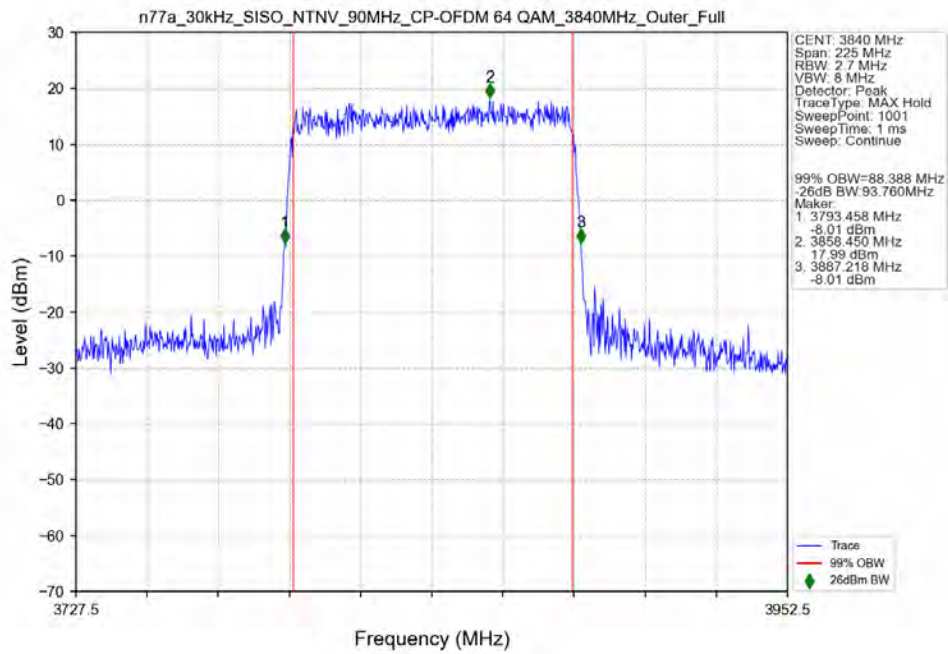
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM 3934.98MHz_Outer_Full_Ant13



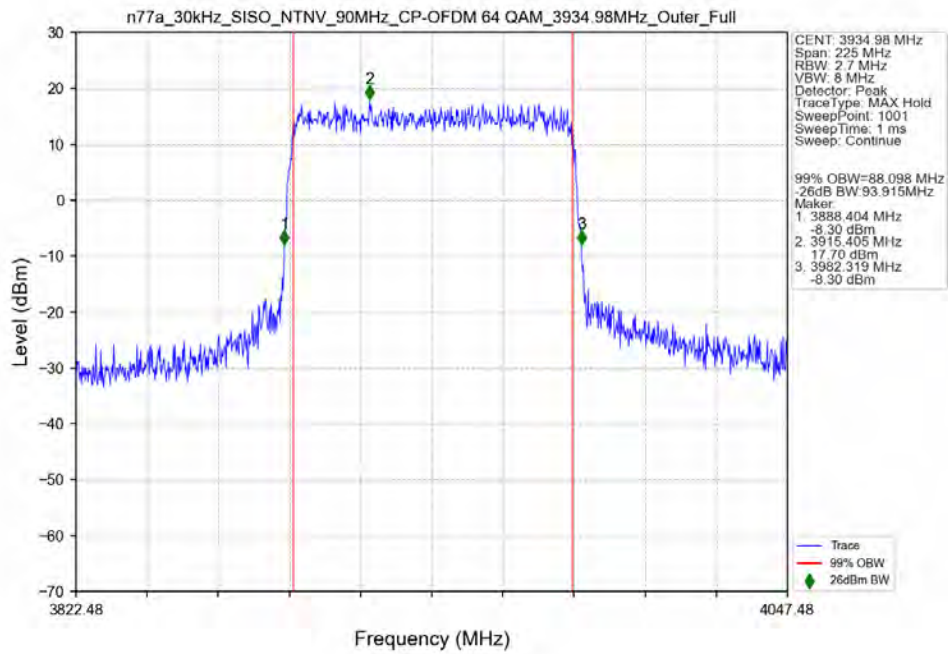
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM 3745.02MHz_Outer_Full_Ant13



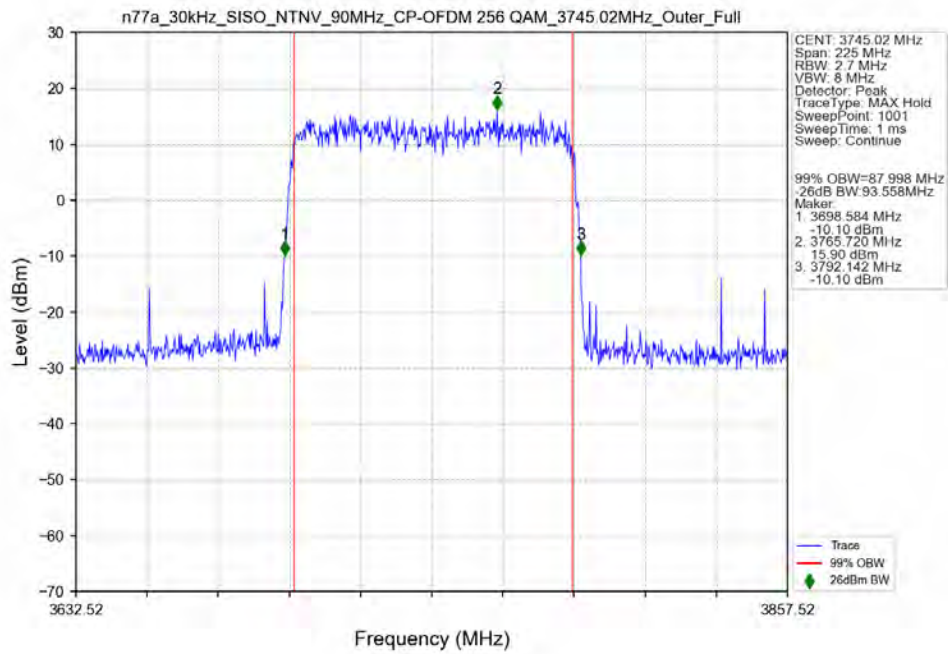
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



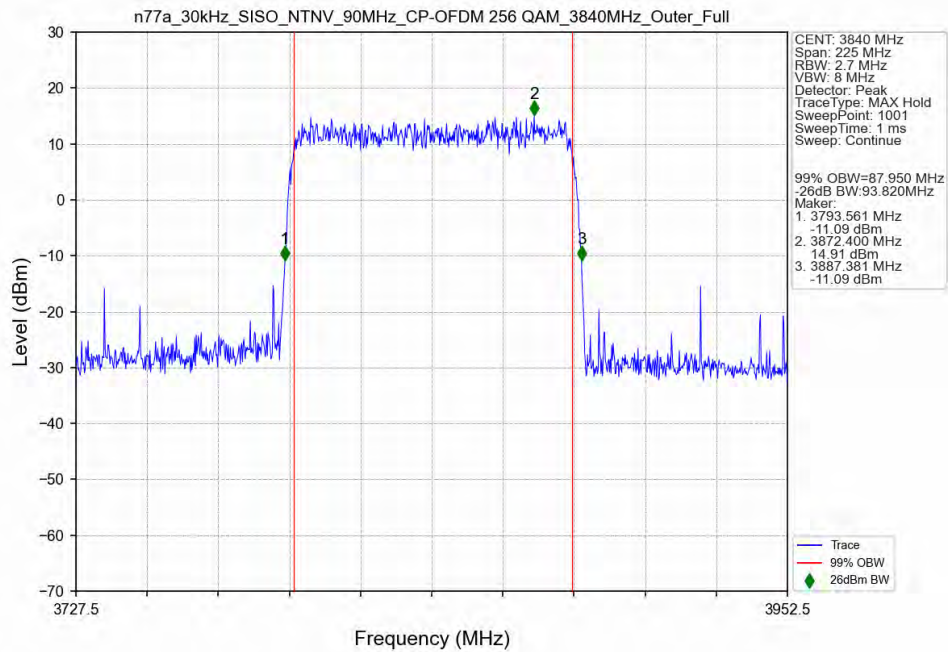
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3934.98MHz_Outer_Full_Ant13



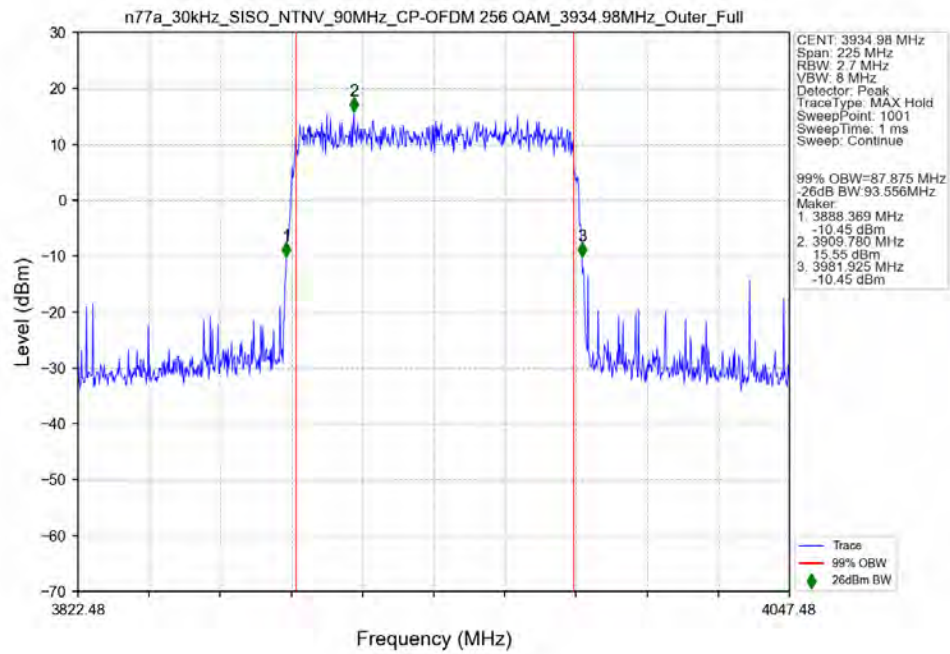
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3745.02MHz_Outer_Full_Ant13



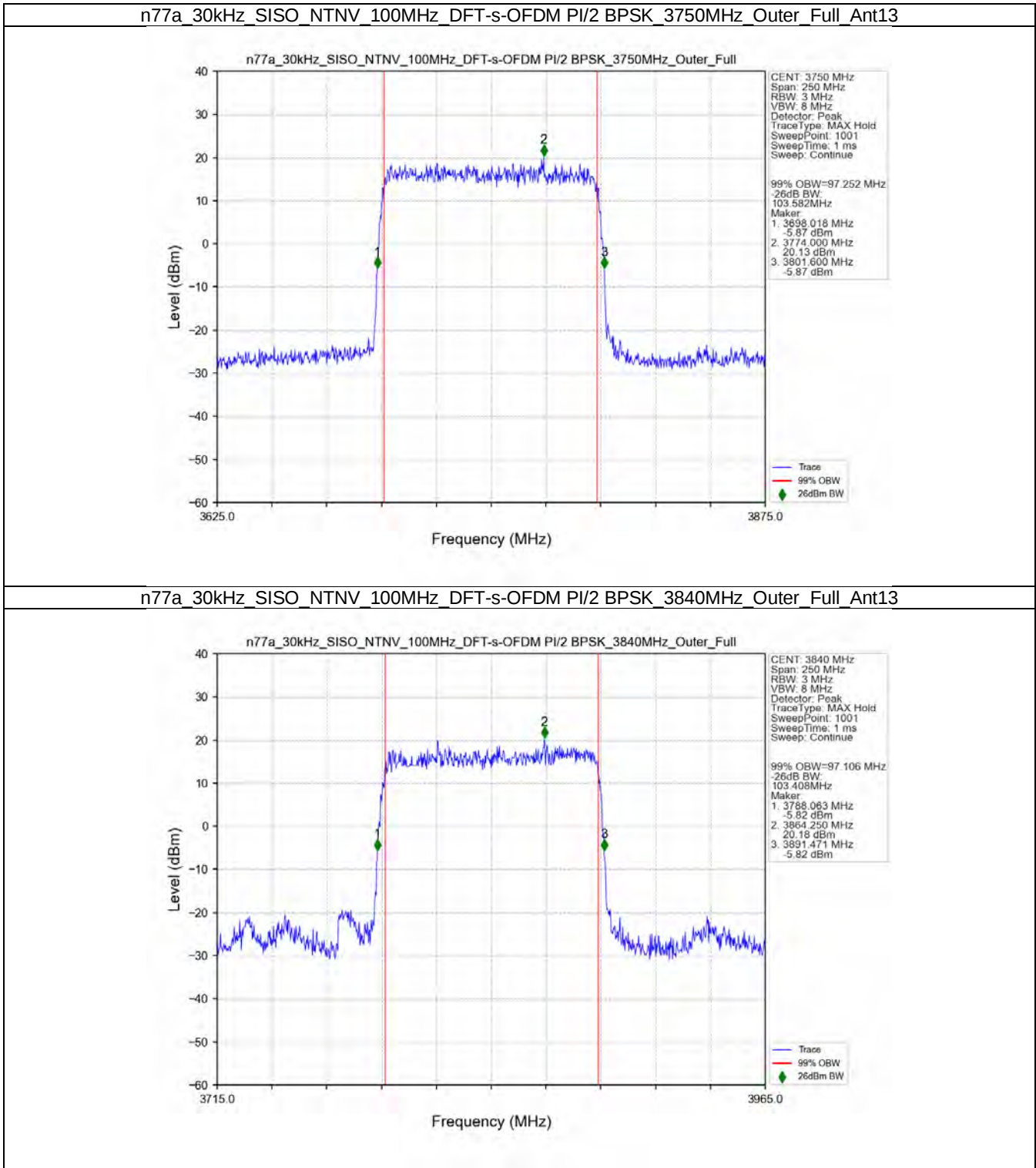
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



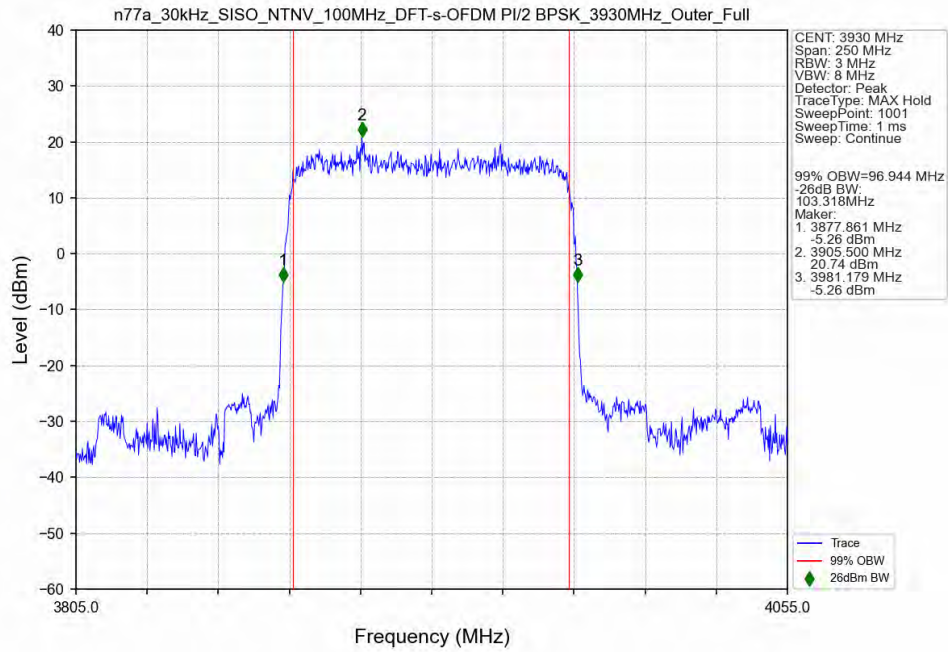
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3934.98MHz_Outer_Full_Ant13



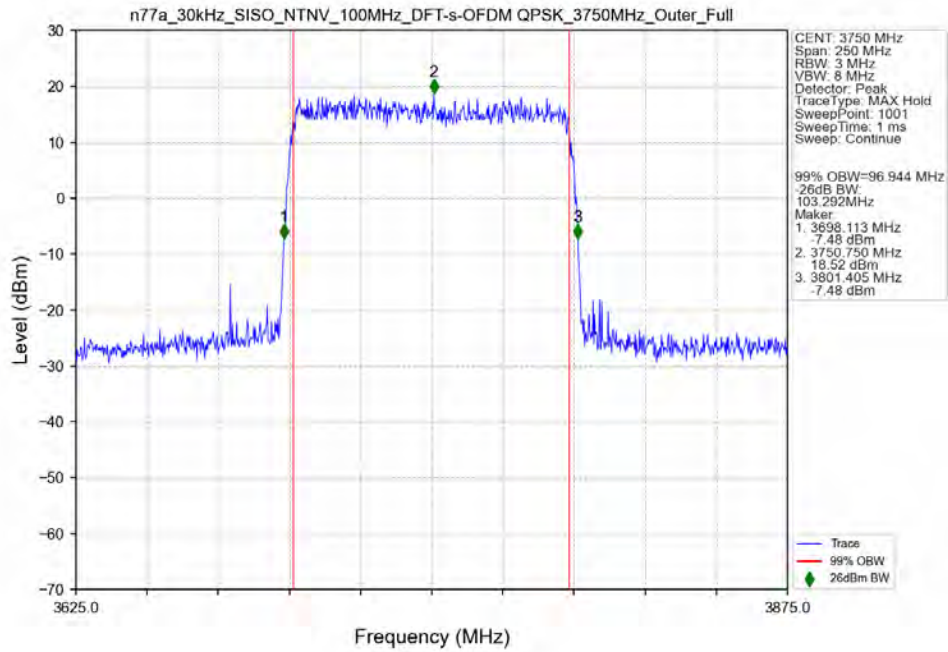
3.2.11 30k_SISO_100MHz_NTNV



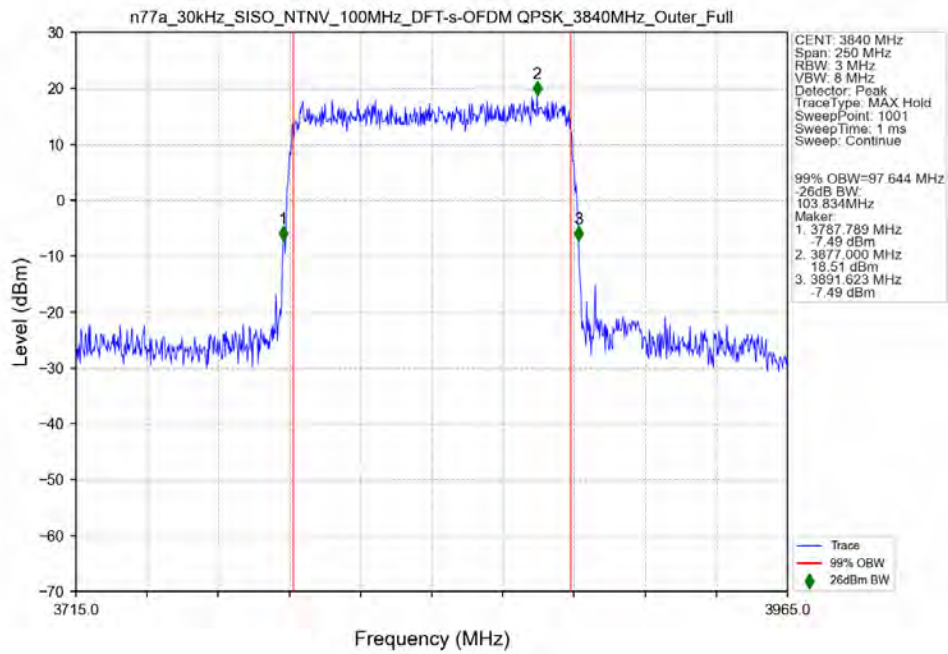
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3930MHz_Outer_Full_Ant13



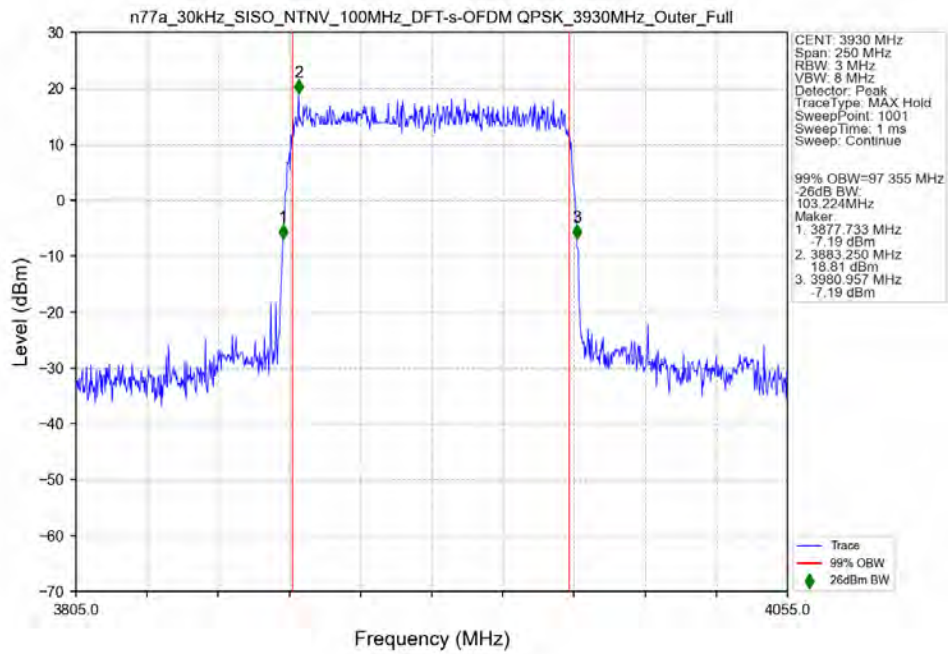
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant13



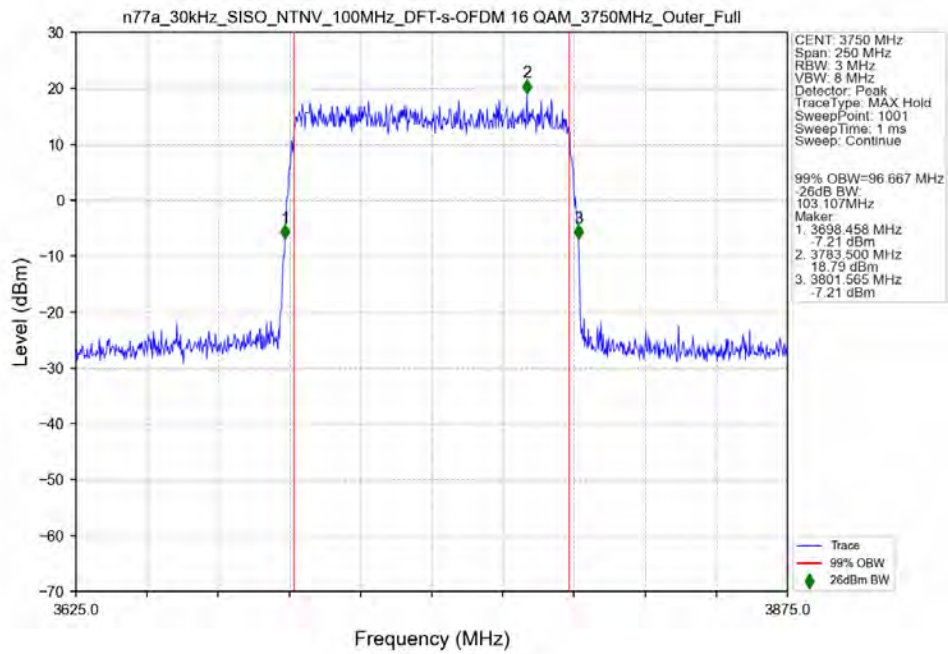
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant13



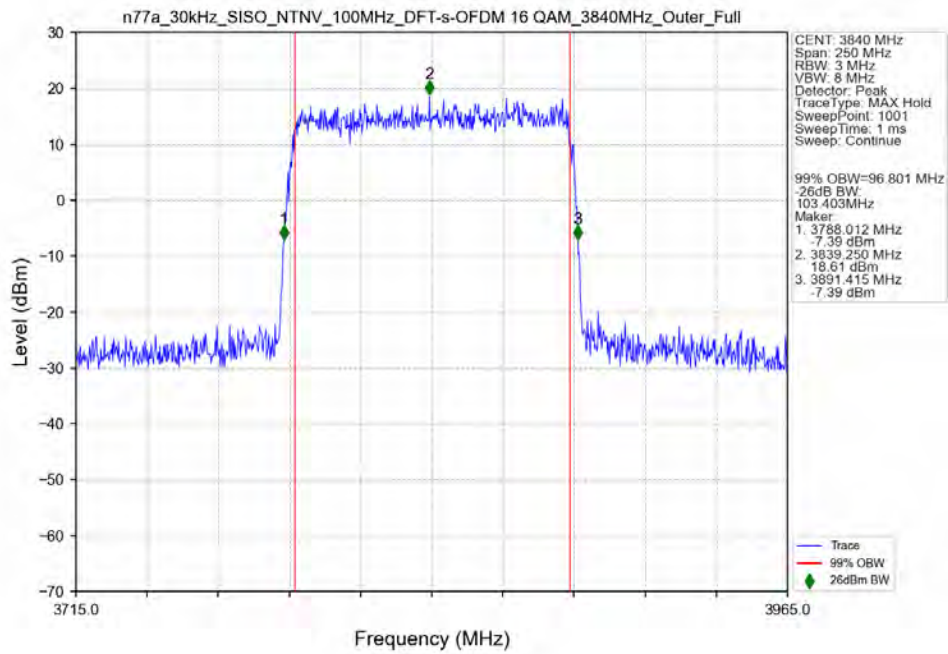
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3930MHz Outer Full Ant13



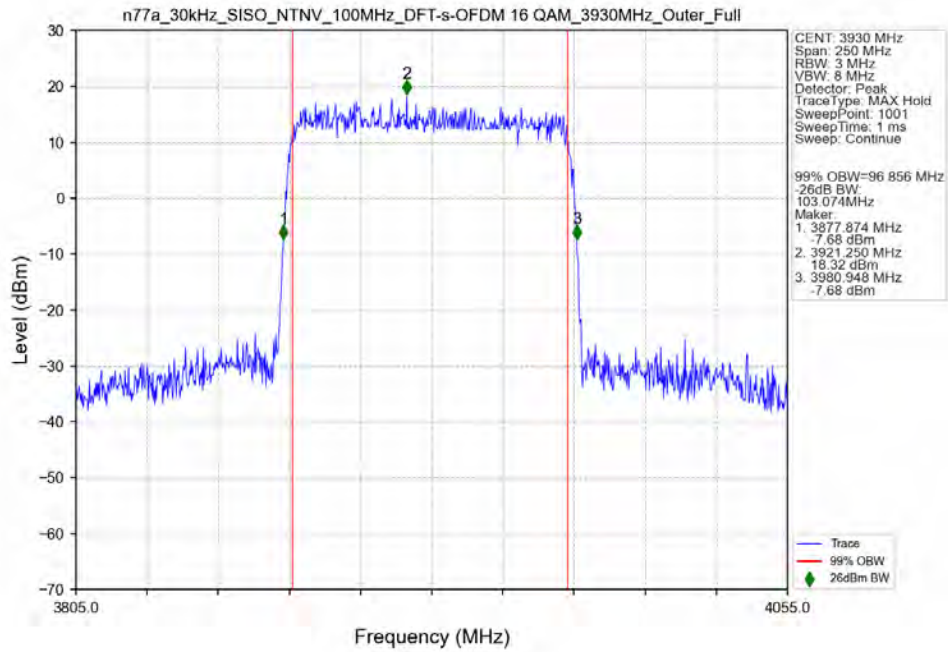
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant13



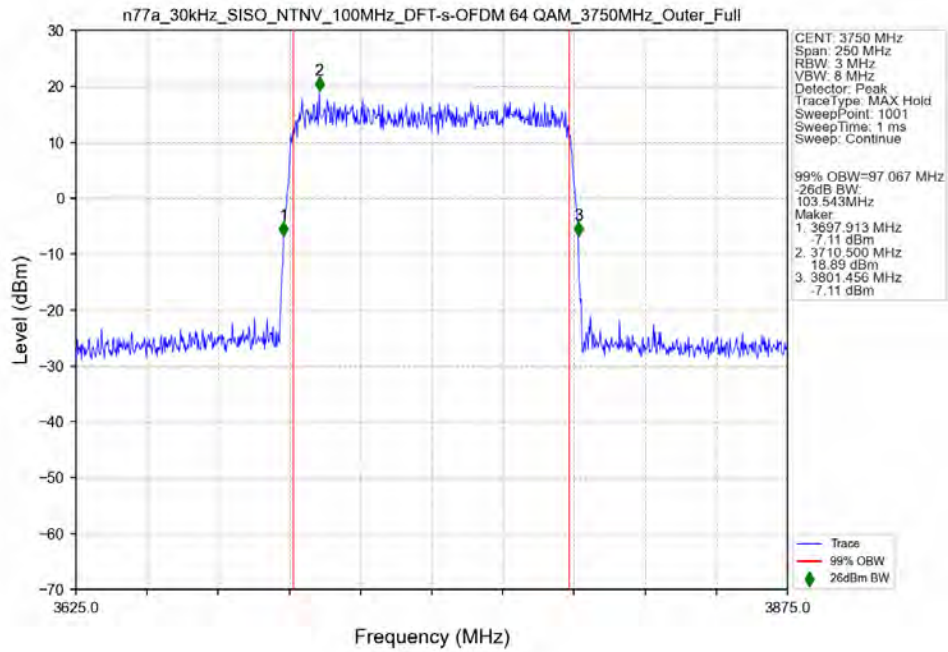
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



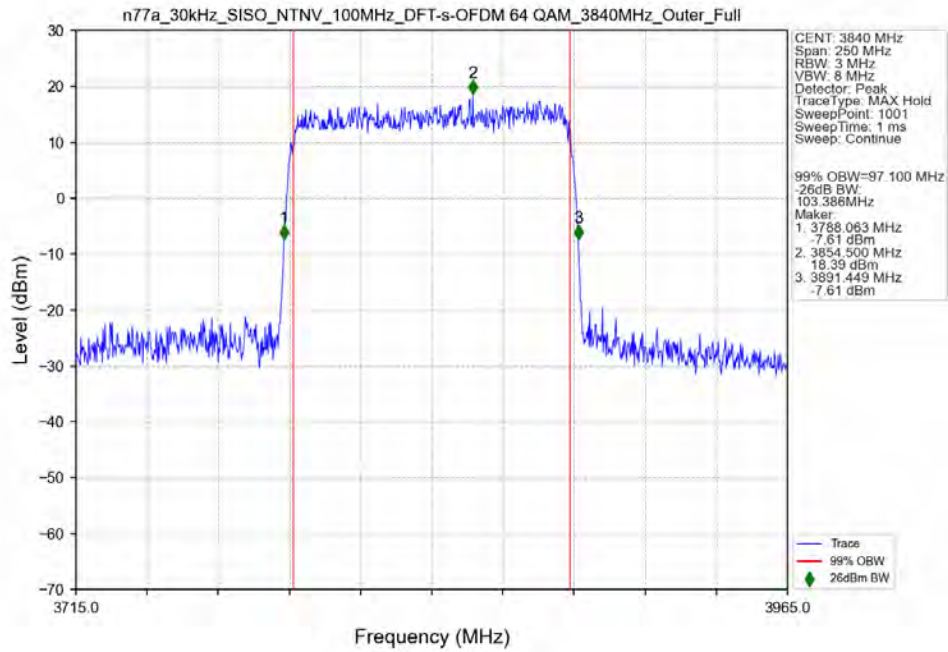
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3930MHz_Outer_Full_Ant13



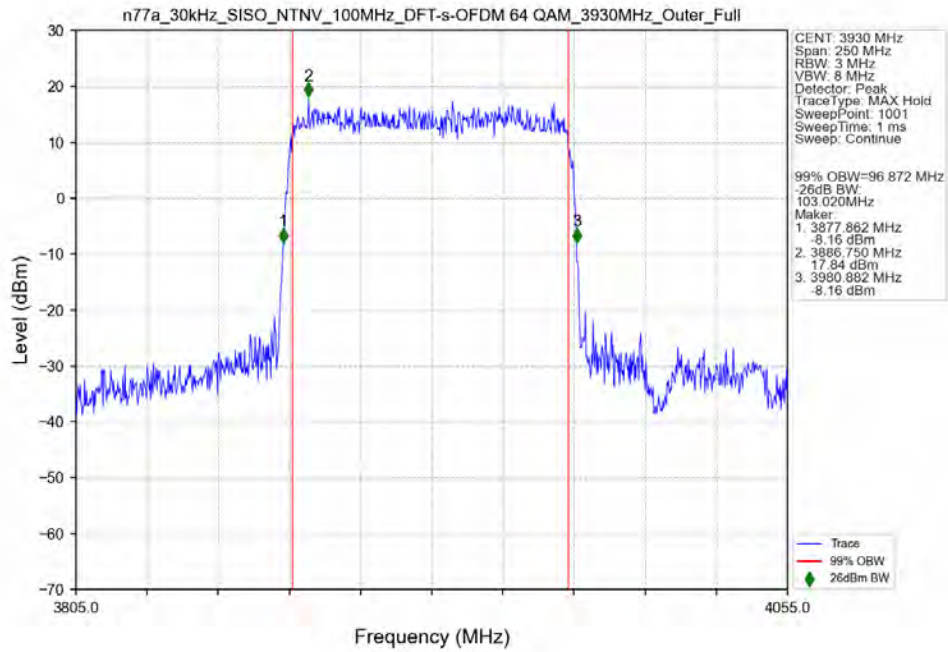
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant13



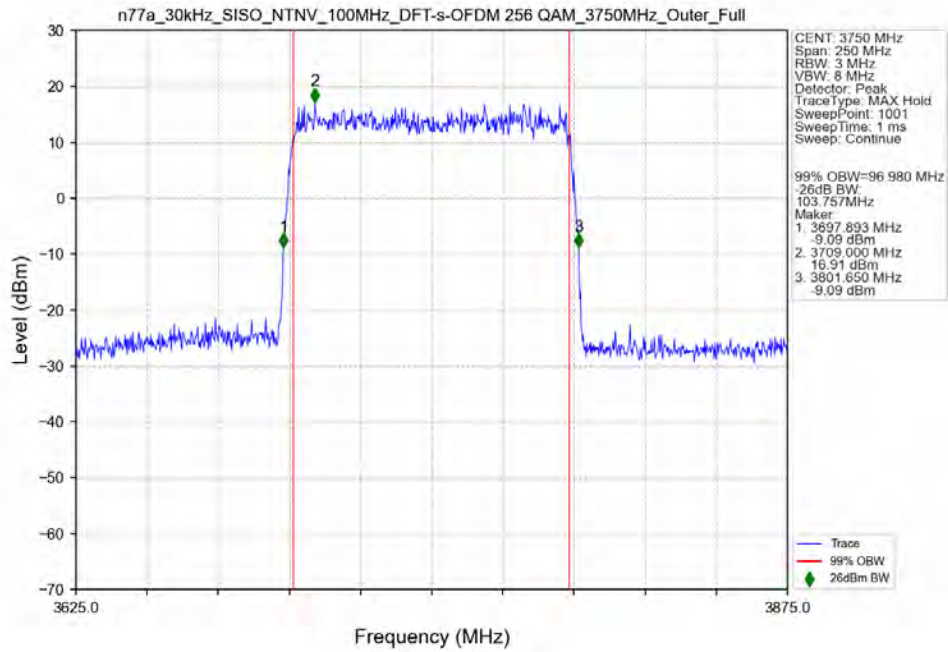
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



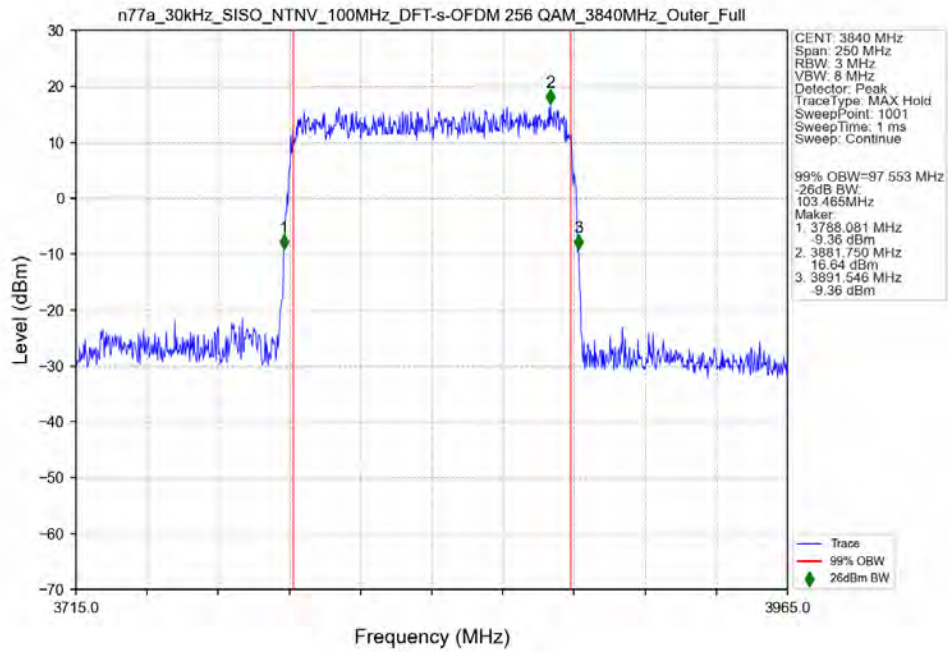
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3930MHz_Outer_Full_Ant13



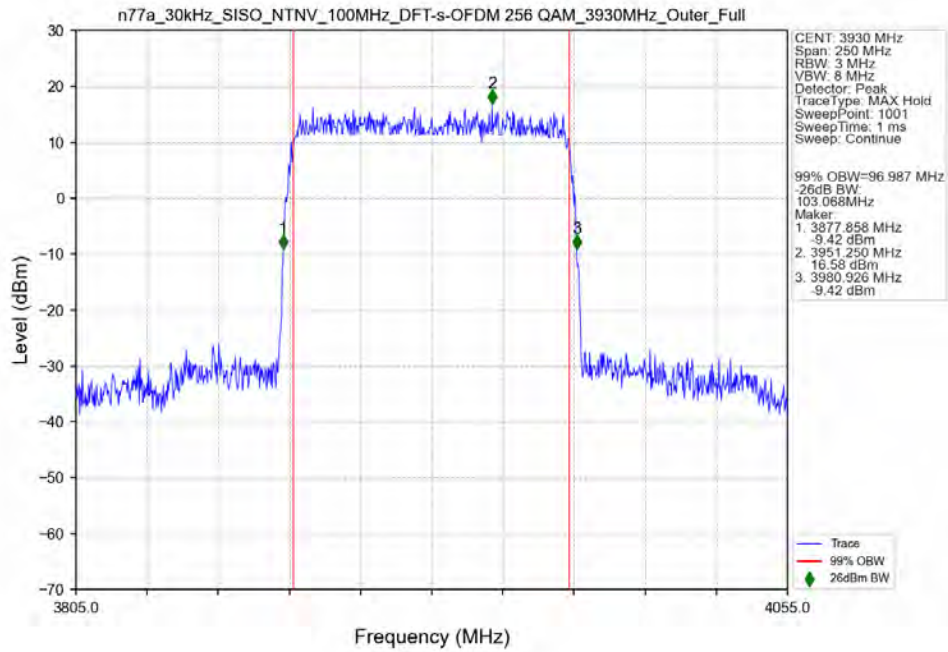
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant13



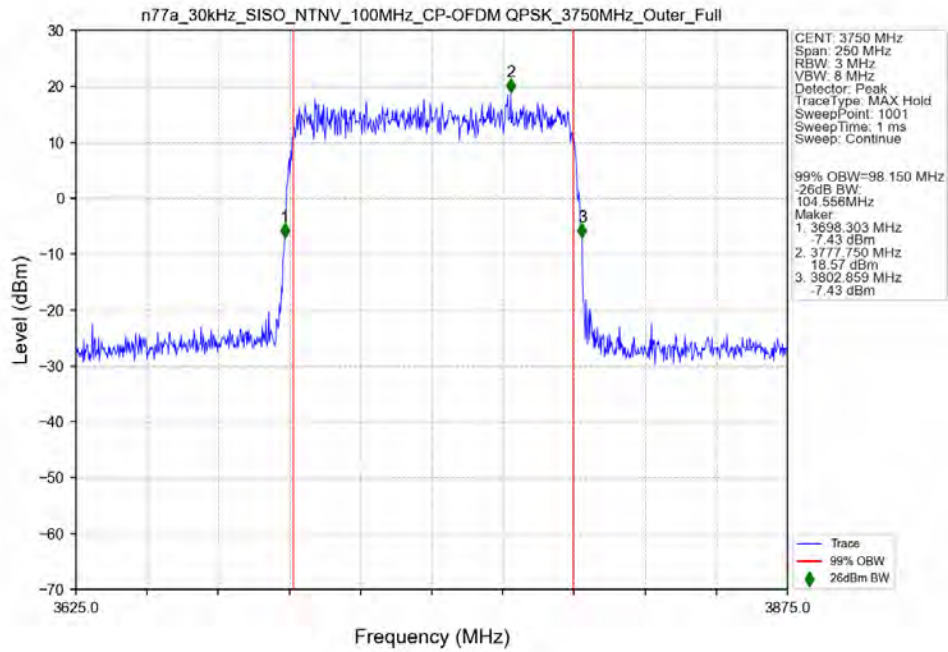
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



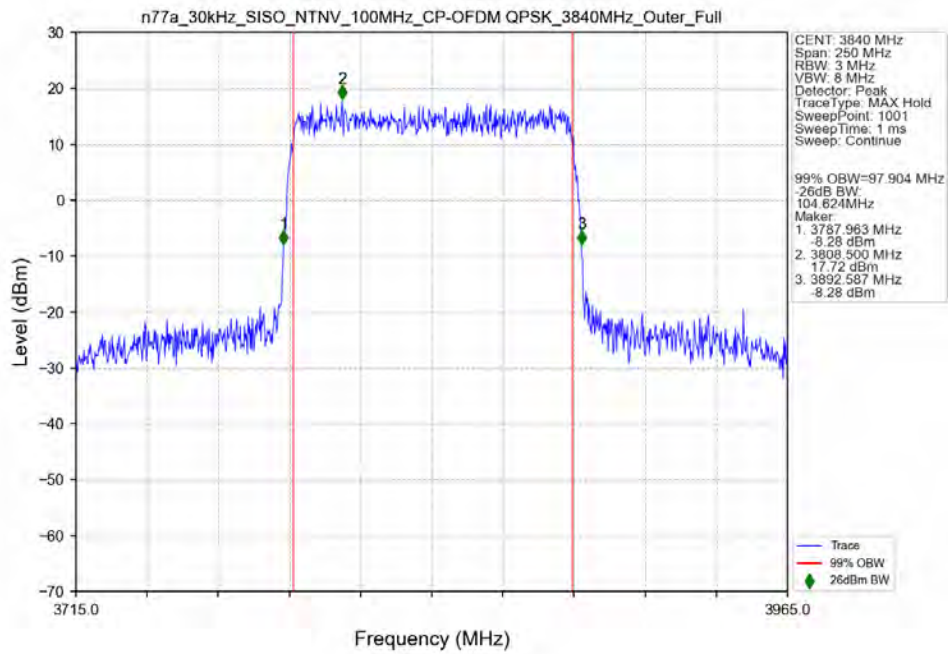
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3930MHz_Outer_Full_Ant13



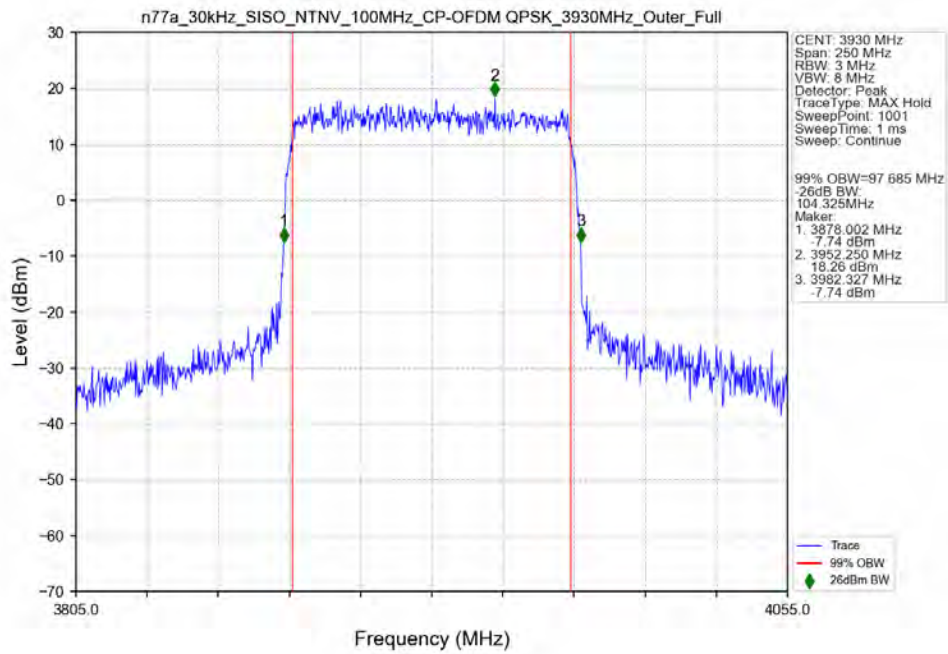
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant13



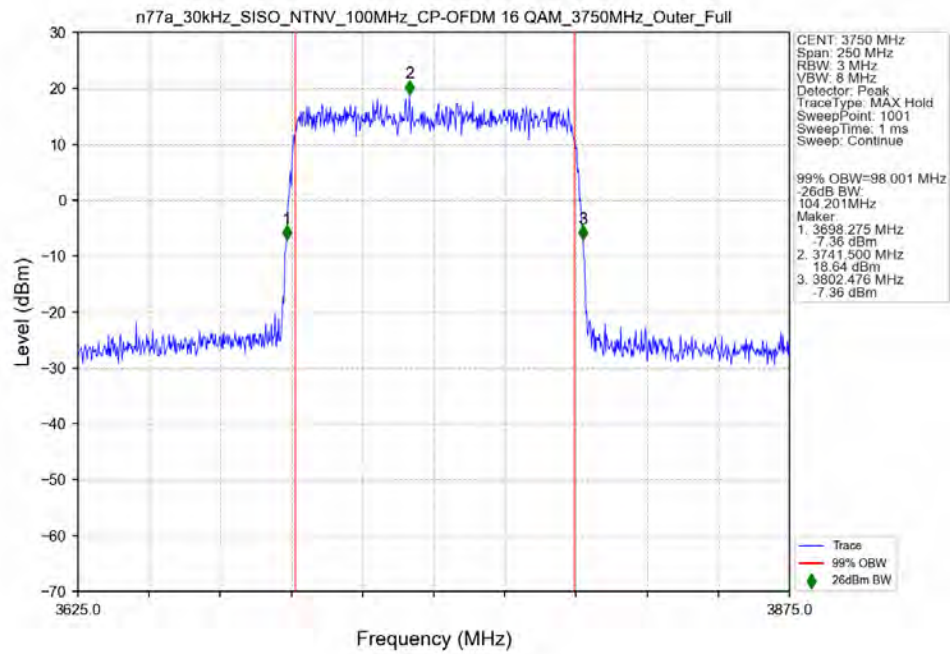
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



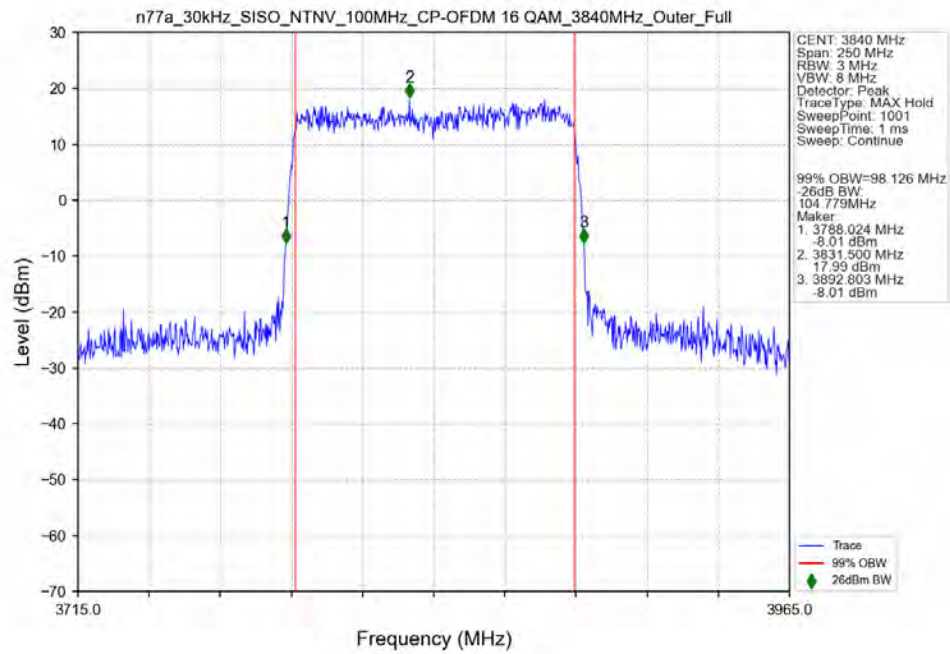
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full_Ant13



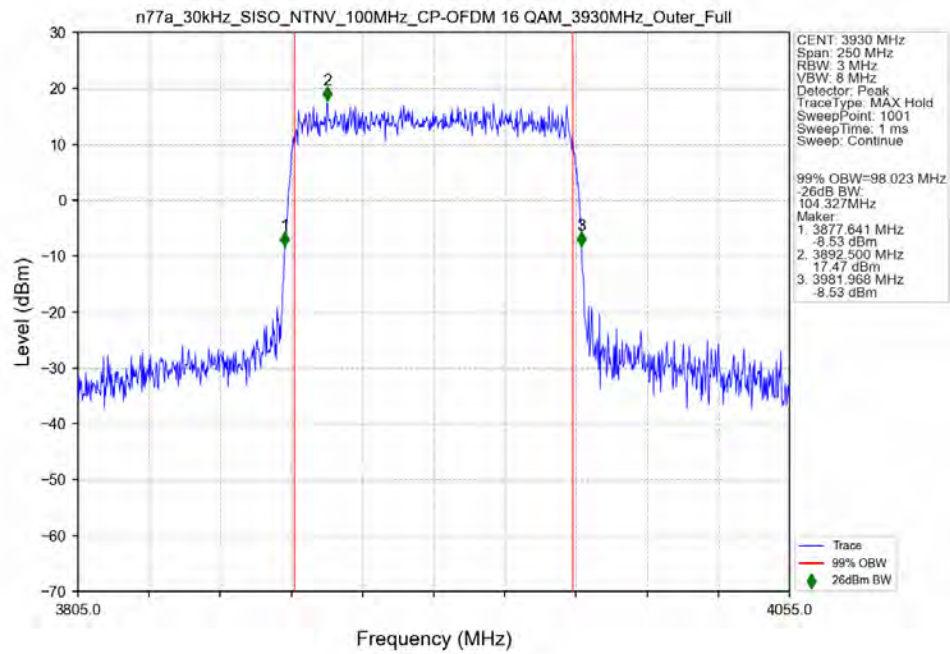
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full_Ant13



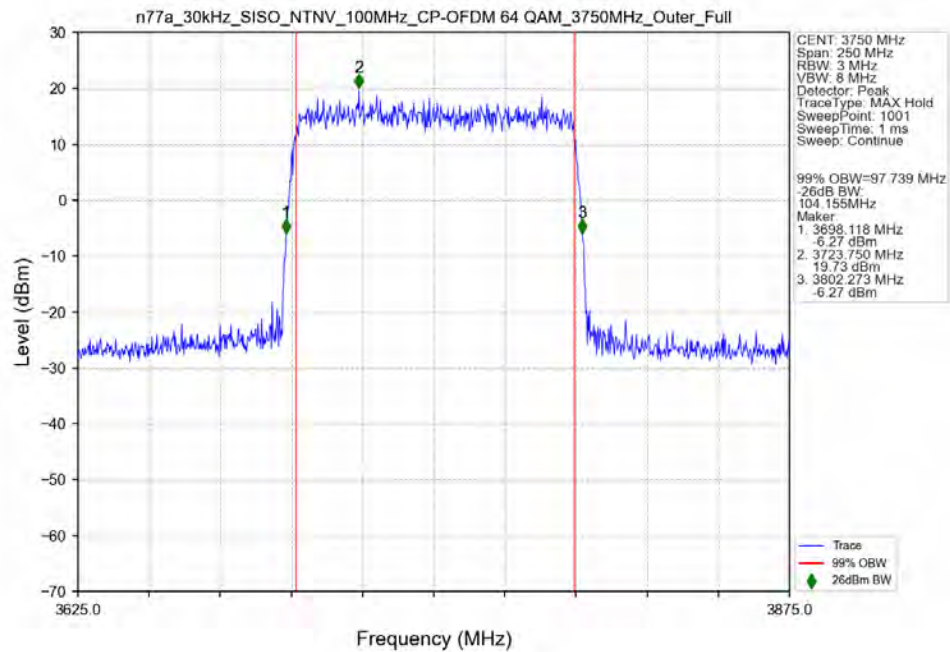
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



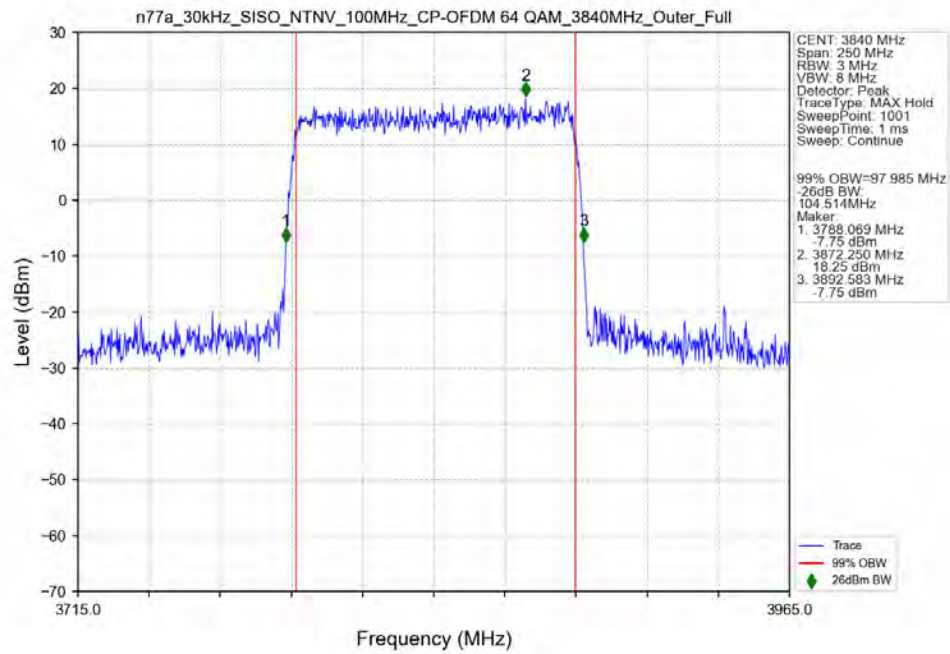
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM 3930MHz_Outer_Full_Ant13



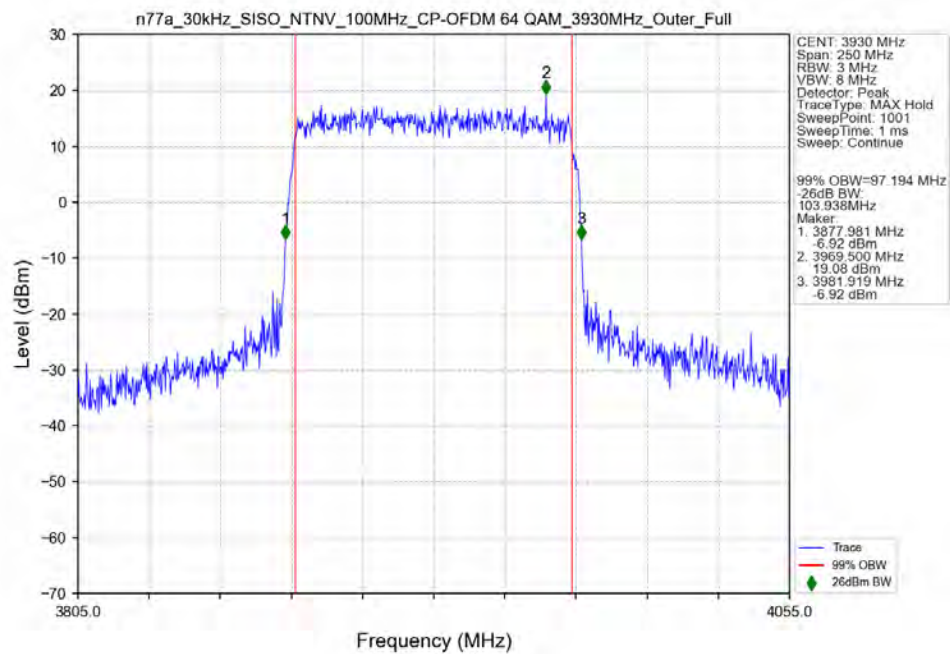
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant13



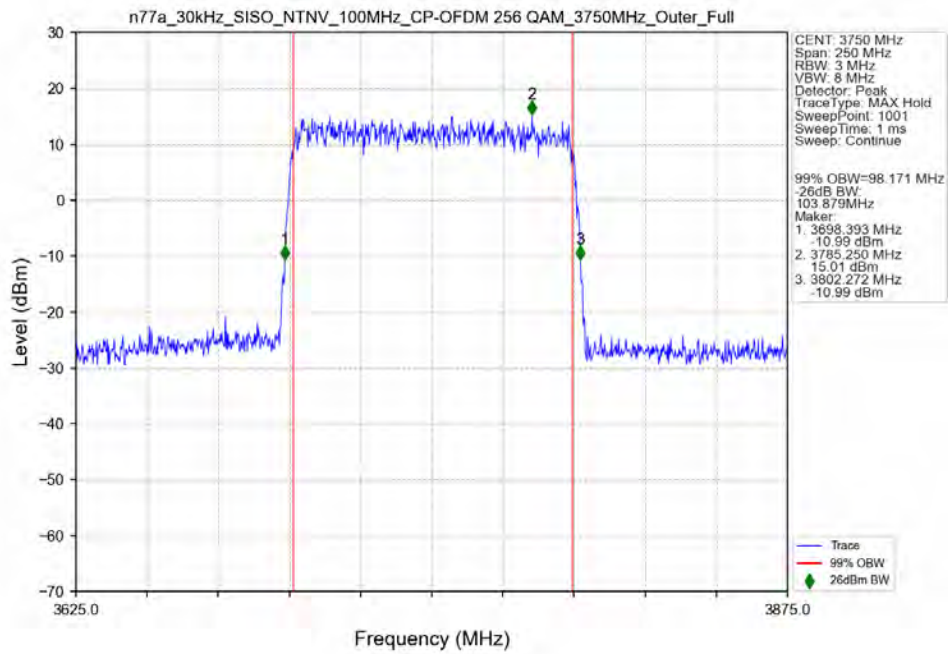
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



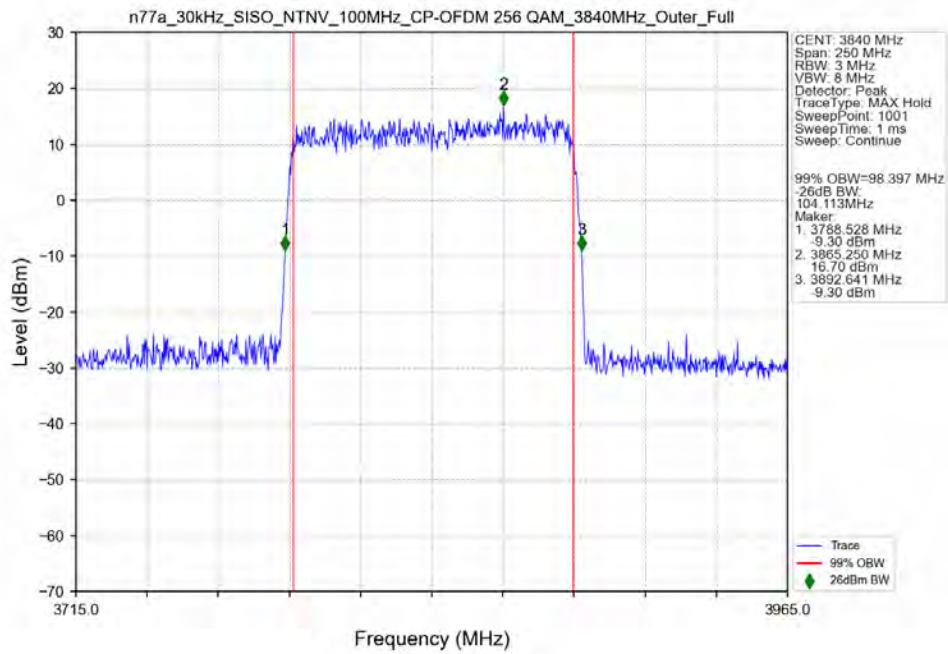
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3930MHz_Outer_Full_Ant13



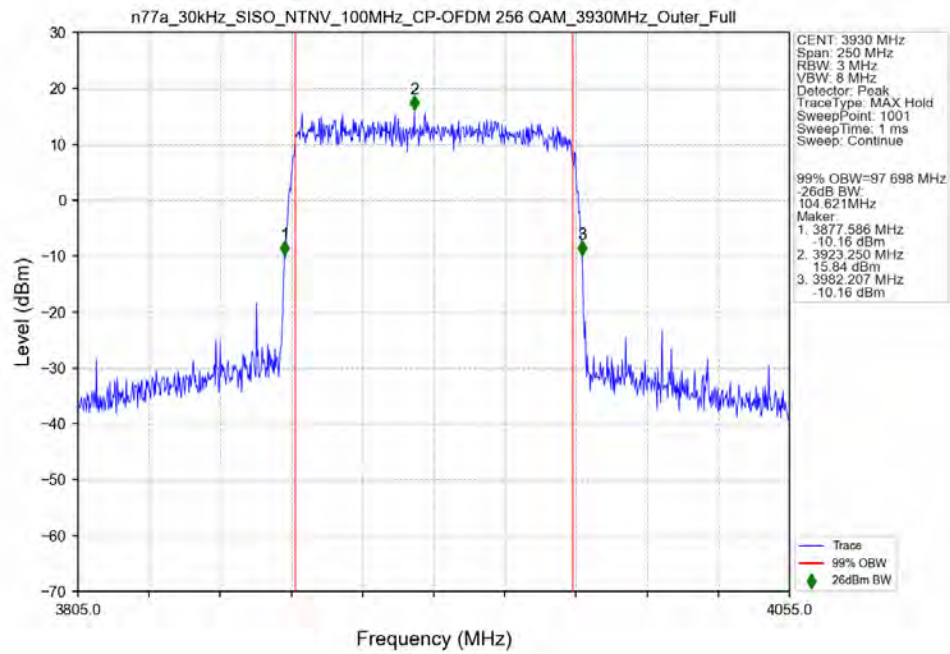
n77a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant13



n77a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant13



n77a 30kHz SISO NTV 100MHz CP-OFDM 256 QAM 3930MHz Outer Full Ant13



4. Peak-Average Ratio

4.1 Test Result

4.1.1 30k_SISO_10MHz_NTNV

5G NR n77a SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Outer_Full	4.35	/	/	<=13	Pass
	3840	Outer_Full	4.41	/	/	<=13	Pass
	3975	Outer_Full	4.30	/	/	<=13	Pass
DFT-s-OFDM QPSK	3705	Outer_Full	4.92	/	/	<=13	Pass
	3840	Outer_Full	5.13	/	/	<=13	Pass
	3975	Outer_Full	5.05	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	5.77	/	/	<=13	Pass
	3840	Outer_Full	5.96	/	/	<=13	Pass
	3975	Outer_Full	5.85	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	6.34	/	/	<=13	Pass
	3840	Outer_Full	6.04	/	/	<=13	Pass
	3975	Outer_Full	5.89	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	6.66	/	/	<=13	Pass
	3840	Outer_Full	6.62	/	/	<=13	Pass
	3975	Outer_Full	6.39	/	/	<=13	Pass
CP-OFDM QPSK	3705	Outer_Full	6.87	/	/	<=13	Pass
	3840	Outer_Full	6.97	/	/	<=13	Pass
	3975	Outer_Full	6.76	/	/	<=13	Pass
CP-OFDM 16 QAM	3705	Outer_Full	6.72	/	/	<=13	Pass
	3840	Outer_Full	6.94	/	/	<=13	Pass
	3975	Outer_Full	6.68	/	/	<=13	Pass
CP-OFDM 64 QAM	3705	Outer_Full	7.66	/	/	<=13	Pass
	3840	Outer_Full	7.13	/	/	<=13	Pass
	3975	Outer_Full	6.81	/	/	<=13	Pass
CP-OFDM 256 QAM	3705	Outer_Full	7.95	/	/	<=13	Pass
	3840	Outer_Full	7.94	/	/	<=13	Pass
	3975	Outer_Full	7.79	/	/	<=13	Pass

4.1.2 30k_SISO_15MHz_NTNV

5G NR n77a SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.52	Outer_Full	4.47	/	/	<=13	Pass
	3840	Outer_Full	4.33	/	/	<=13	Pass
	3972.48	Outer_Full	4.27	/	/	<=13	Pass
DFT-s-OFDM QPSK	3707.52	Outer_Full	4.98	/	/	<=13	Pass
	3840	Outer_Full	4.97	/	/	<=13	Pass
	3972.48	Outer_Full	4.96	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	5.83	/	/	<=13	Pass
	3840	Outer_Full	5.84	/	/	<=13	Pass
	3972.48	Outer_Full	5.77	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	6.42	/	/	<=13	Pass
	3840	Outer_Full	5.95	/	/	<=13	Pass
	3972.48	Outer_Full	5.85	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	3707.52	Outer_Full	6.54	/	/	<=13	Pass
	3840	Outer_Full	6.46	/	/	<=13	Pass
	3972.48	Outer_Full	6.34	/	/	<=13	Pass
CP-OFDM QPSK	3707.52	Outer_Full	6.99	/	/	<=13	Pass
	3840	Outer_Full	6.92	/	/	<=13	Pass
	3972.48	Outer_Full	6.76	/	/	<=13	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	6.84	/	/	<=13	Pass
	3840	Outer_Full	6.93	/	/	<=13	Pass
	3972.48	Outer_Full	6.72	/	/	<=13	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	7.63	/	/	<=13	Pass
	3840	Outer_Full	6.98	/	/	<=13	Pass
	3972.48	Outer_Full	6.85	/	/	<=13	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	8.43	/	/	<=13	Pass
	3840	Outer_Full	8.34	/	/	<=13	Pass
	3972.48	Outer_Full	8.14	/	/	<=13	Pass

4.1.3 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	4.55	/	/	<=13	Pass
	3840	Outer_Full	4.30	/	/	<=13	Pass
	3969.99	Outer_Full	4.34	/	/	<=13	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	5.21	/	/	<=13	Pass
	3840	Outer_Full	5.06	/	/	<=13	Pass
	3969.99	Outer_Full	5.13	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	5.96	/	/	<=13	Pass
	3840	Outer_Full	5.94	/	/	<=13	Pass
	3969.99	Outer_Full	5.87	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	6.41	/	/	<=13	Pass
	3840	Outer_Full	6.38	/	/	<=13	Pass
	3969.99	Outer_Full	5.86	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	6.77	/	/	<=13	Pass
	3840	Outer_Full	6.61	/	/	<=13	Pass
	3969.99	Outer_Full	6.52	/	/	<=13	Pass
CP-OFDM QPSK	3710.01	Outer_Full	6.76	/	/	<=13	Pass
	3840	Outer_Full	6.78	/	/	<=13	Pass
	3969.99	Outer_Full	6.65	/	/	<=13	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	6.77	/	/	<=13	Pass
	3840	Outer_Full	6.81	/	/	<=13	Pass
	3969.99	Outer_Full	6.65	/	/	<=13	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	7.52	/	/	<=13	Pass
	3840	Outer_Full	7.50	/	/	<=13	Pass
	3969.99	Outer_Full	7.45	/	/	<=13	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	8.34	/	/	<=13	Pass
	3840	Outer_Full	8.23	/	/	<=13	Pass
	3969.99	Outer_Full	8.04	/	/	<=13	Pass

4.1.4 30k_SISO_30MHz_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Outer_Full	4.20	/	/	<=13	Pass
	3840	Outer_Full	4.02	/	/	<=13	Pass

	3964.98	Outer_Full	4.11	/	/	<=13	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	4.81	/	/	<=13	Pass
	3840	Outer_Full	4.70	/	/	<=13	Pass
	3964.98	Outer_Full	4.88	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	5.97	/	/	<=13	Pass
	3840	Outer_Full	5.69	/	/	<=13	Pass
	3964.98	Outer_Full	5.73	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	6.17	/	/	<=13	Pass
	3840	Outer_Full	6.30	/	/	<=13	Pass
	3964.98	Outer_Full	6.19	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	6.61	/	/	<=13	Pass
	3840	Outer_Full	6.48	/	/	<=13	Pass
	3964.98	Outer_Full	6.38	/	/	<=13	Pass
CP-OFDM QPSK	3715.02	Outer_Full	7.22	/	/	<=13	Pass
	3840	Outer_Full	6.78	/	/	<=13	Pass
	3964.98	Outer_Full	6.66	/	/	<=13	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	7.21	/	/	<=13	Pass
	3840	Outer_Full	6.79	/	/	<=13	Pass
	3964.98	Outer_Full	6.69	/	/	<=13	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	7.23	/	/	<=13	Pass
	3840	Outer_Full	7.65	/	/	<=13	Pass
	3964.98	Outer_Full	7.37	/	/	<=13	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	8.32	/	/	<=13	Pass
	3840	Outer_Full	8.39	/	/	<=13	Pass
	3964.98	Outer_Full	8.19	/	/	<=13	Pass

4.1.5 30k_SISO_40MHz_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Outer_Full	4.08	/	/	<=13	Pass
	3840	Outer_Full	3.90	/	/	<=13	Pass
	3960	Outer_Full	4.13	/	/	<=13	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	5.15	/	/	<=13	Pass
	3840	Outer_Full	4.70	/	/	<=13	Pass
	3960	Outer_Full	4.89	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	6.14	/	/	<=13	Pass
	3840	Outer_Full	5.69	/	/	<=13	Pass
	3960	Outer_Full	5.85	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	6.17	/	/	<=13	Pass
	3840	Outer_Full	6.33	/	/	<=13	Pass
	3960	Outer_Full	6.24	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	6.55	/	/	<=13	Pass
	3840	Outer_Full	6.36	/	/	<=13	Pass
	3960	Outer_Full	6.34	/	/	<=13	Pass
CP-OFDM QPSK	3720	Outer_Full	7.17	/	/	<=13	Pass
	3840	Outer_Full	6.74	/	/	<=13	Pass
	3960	Outer_Full	6.77	/	/	<=13	Pass
CP-OFDM 16 QAM	3720	Outer_Full	7.17	/	/	<=13	Pass
	3840	Outer_Full	6.88	/	/	<=13	Pass
	3960	Outer_Full	6.85	/	/	<=13	Pass
CP-OFDM 64 QAM	3720	Outer_Full	7.17	/	/	<=13	Pass
	3840	Outer_Full	7.66	/	/	<=13	Pass
	3960	Outer_Full	7.40	/	/	<=13	Pass
CP-OFDM 256 QAM	3720	Outer_Full	8.46	/	/	<=13	Pass
	3840	Outer_Full	8.45	/	/	<=13	Pass

	3960	Outer_Full	8.31	/	/	<=13	Pass
--	------	------------	------	---	---	------	------

4.1.6 30k_SISO_50MHz_NTNV

5G NR n77a SCS=30kHz SISO 50MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Outer_Full	4.28	/	/	<=13	Pass
	3840	Outer_Full	4.14	/	/	<=13	Pass
	3954.99	Outer_Full	4.36	/	/	<=13	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	5.29	/	/	<=13	Pass
	3840	Outer_Full	4.67	/	/	<=13	Pass
	3954.99	Outer_Full	5.00	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	6.17	/	/	<=13	Pass
	3840	Outer_Full	5.69	/	/	<=13	Pass
	3954.99	Outer_Full	5.87	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	6.33	/	/	<=13	Pass
	3840	Outer_Full	6.28	/	/	<=13	Pass
	3954.99	Outer_Full	6.01	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	6.65	/	/	<=13	Pass
	3840	Outer_Full	6.48	/	/	<=13	Pass
	3954.99	Outer_Full	6.46	/	/	<=13	Pass
CP-OFDM QPSK	3725.01	Outer_Full	7.30	/	/	<=13	Pass
	3840	Outer_Full	6.76	/	/	<=13	Pass
	3954.99	Outer_Full	7.01	/	/	<=13	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	7.26	/	/	<=13	Pass
	3840	Outer_Full	6.76	/	/	<=13	Pass
	3954.99	Outer_Full	6.96	/	/	<=13	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	7.41	/	/	<=13	Pass
	3840	Outer_Full	7.72	/	/	<=13	Pass
	3954.99	Outer_Full	7.57	/	/	<=13	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	8.51	/	/	<=13	Pass
	3840	Outer_Full	8.46	/	/	<=13	Pass
	3954.99	Outer_Full	8.28	/	/	<=13	Pass

4.1.7 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Outer_Full	4.41	/	/	<=13	Pass
	3840	Outer_Full	4.07	/	/	<=13	Pass
	3949.98	Outer_Full	4.49	/	/	<=13	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	5.04	/	/	<=13	Pass
	3840	Outer_Full	4.58	/	/	<=13	Pass
	3949.98	Outer_Full	4.92	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	6.09	/	/	<=13	Pass
	3840	Outer_Full	5.67	/	/	<=13	Pass
	3949.98	Outer_Full	5.95	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	6.34	/	/	<=13	Pass
	3840	Outer_Full	6.23	/	/	<=13	Pass
	3949.98	Outer_Full	6.35	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	6.47	/	/	<=13	Pass
	3840	Outer_Full	6.30	/	/	<=13	Pass
	3949.98	Outer_Full	6.38	/	/	<=13	Pass
CP-OFDM QPSK	3730.02	Outer_Full	7.50	/	/	<=13	Pass

CP-OFDM 16 QAM	3840	Outer_Full	6.95	/	/	<=13	Pass
	3949.98	Outer_Full	7.21	/	/	<=13	Pass
	3730.02	Outer_Full	7.48	/	/	<=13	Pass
	3840	Outer_Full	6.96	/	/	<=13	Pass
	3949.98	Outer_Full	7.21	/	/	<=13	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	7.54	/	/	<=13	Pass
	3840	Outer_Full	7.71	/	/	<=13	Pass
	3949.98	Outer_Full	7.67	/	/	<=13	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	8.35	/	/	<=13	Pass
	3840	Outer_Full	8.33	/	/	<=13	Pass
	3949.98	Outer_Full	8.29	/	/	<=13	Pass

4.1.8 30k_SISO_70MHz_NTNV

5G NR n77a SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Outer_Full	4.09	/	/	<=13	Pass
	3840	Outer_Full	4.05	/	/	<=13	Pass
	3945	Outer_Full	3.98	/	/	<=13	Pass
DFT-s-OFDM QPSK	3735	Outer_Full	4.77	/	/	<=13	Pass
	3840	Outer_Full	4.56	/	/	<=13	Pass
	3945	Outer_Full	4.81	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	5.98	/	/	<=13	Pass
	3840	Outer_Full	5.79	/	/	<=13	Pass
	3945	Outer_Full	6.01	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	6.33	/	/	<=13	Pass
	3840	Outer_Full	6.23	/	/	<=13	Pass
	3945	Outer_Full	6.33	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	6.50	/	/	<=13	Pass
	3840	Outer_Full	6.31	/	/	<=13	Pass
	3945	Outer_Full	6.42	/	/	<=13	Pass
CP-OFDM QPSK	3735	Outer_Full	7.73	/	/	<=13	Pass
	3840	Outer_Full	7.45	/	/	<=13	Pass
	3945	Outer_Full	7.63	/	/	<=13	Pass
CP-OFDM 16 QAM	3735	Outer_Full	8.00	/	/	<=13	Pass
	3840	Outer_Full	7.65	/	/	<=13	Pass
	3945	Outer_Full	7.72	/	/	<=13	Pass
CP-OFDM 64 QAM	3735	Outer_Full	7.95	/	/	<=13	Pass
	3840	Outer_Full	8.08	/	/	<=13	Pass
	3945	Outer_Full	8.02	/	/	<=13	Pass
CP-OFDM 256 QAM	3735	Outer_Full	8.52	/	/	<=13	Pass
	3840	Outer_Full	8.43	/	/	<=13	Pass
	3945	Outer_Full	8.45	/	/	<=13	Pass

4.1.9 30k_SISO_80MHz_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Outer_Full	3.83	/	/	<=13	Pass
	3840	Outer_Full	3.75	/	/	<=13	Pass
	3939.99	Outer_Full	3.96	/	/	<=13	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	4.94	/	/	<=13	Pass
	3840	Outer_Full	4.52	/	/	<=13	Pass
	3939.99	Outer_Full	5.05	/	/	<=13	Pass

DFT-s-OFDM 16 QAM	3740.01	Outer Full	6.22	/	/	<=13	Pass
	3840	Outer Full	5.97	/	/	<=13	Pass
	3939.99	Outer Full	6.24	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer Full	6.40	/	/	<=13	Pass
	3840	Outer Full	6.28	/	/	<=13	Pass
	3939.99	Outer Full	6.43	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer Full	6.58	/	/	<=13	Pass
	3840	Outer Full	6.39	/	/	<=13	Pass
	3939.99	Outer Full	6.59	/	/	<=13	Pass
CP-OFDM QPSK	3740.01	Outer Full	7.75	/	/	<=13	Pass
	3840	Outer Full	7.46	/	/	<=13	Pass
	3939.99	Outer Full	7.55	/	/	<=13	Pass
CP-OFDM 16 QAM	3740.01	Outer Full	7.81	/	/	<=13	Pass
	3840	Outer Full	7.50	/	/	<=13	Pass
	3939.99	Outer Full	7.59	/	/	<=13	Pass
CP-OFDM 64 QAM	3740.01	Outer Full	7.84	/	/	<=13	Pass
	3840	Outer Full	7.96	/	/	<=13	Pass
	3939.99	Outer Full	7.82	/	/	<=13	Pass
CP-OFDM 256 QAM	3740.01	Outer Full	8.38	/	/	<=13	Pass
	3840	Outer Full	8.36	/	/	<=13	Pass
	3939.99	Outer Full	8.27	/	/	<=13	Pass

4.1.10 30k_SISO_90MHz_NTNV

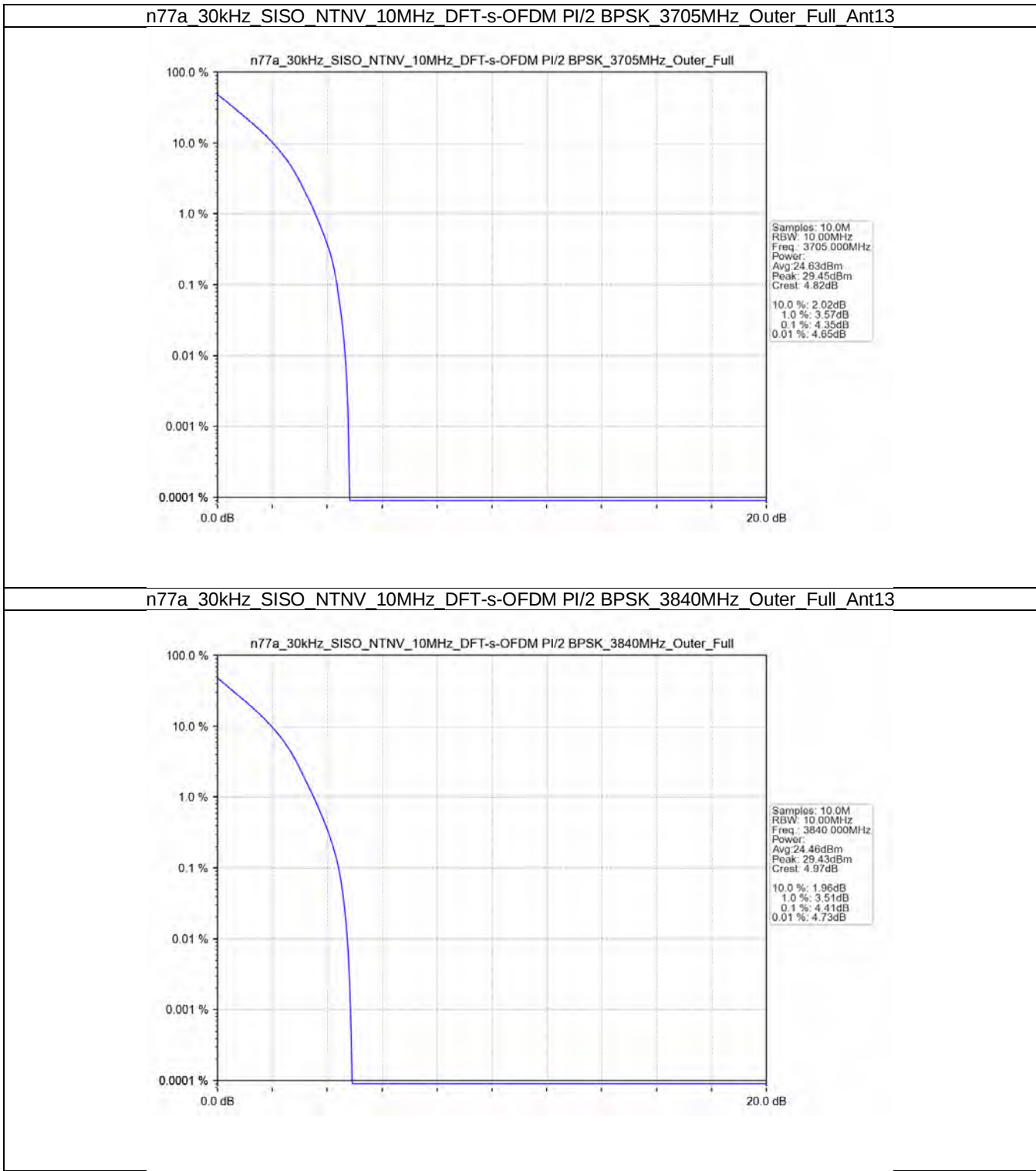
5G NR n77a SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Outer Full	4.23	/	/	<=13	Pass
	3840	Outer Full	4.07	/	/	<=13	Pass
	3934.98	Outer Full	4.05	/	/	<=13	Pass
DFT-s-OFDM QPSK	3745.02	Outer Full	5.28	/	/	<=13	Pass
	3840	Outer Full	4.83	/	/	<=13	Pass
	3934.98	Outer Full	5.38	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer Full	6.47	/	/	<=13	Pass
	3840	Outer Full	6.25	/	/	<=13	Pass
	3934.98	Outer Full	6.51	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer Full	6.61	/	/	<=13	Pass
	3840	Outer Full	6.42	/	/	<=13	Pass
	3934.98	Outer Full	6.67	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer Full	6.65	/	/	<=13	Pass
	3840	Outer Full	6.46	/	/	<=13	Pass
	3934.98	Outer Full	6.64	/	/	<=13	Pass
CP-OFDM QPSK	3745.02	Outer Full	7.90	/	/	<=13	Pass
	3840	Outer Full	7.66	/	/	<=13	Pass
	3934.98	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	7.94	/	/	<=13	Pass
	3840	Outer Full	7.65	/	/	<=13	Pass
	3934.98	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM 64 QAM	3745.02	Outer Full	7.98	/	/	<=13	Pass
	3840	Outer Full	8.05	/	/	<=13	Pass
	3934.98	Outer Full	8.12	/	/	<=13	Pass
CP-OFDM 256 QAM	3745.02	Outer Full	8.34	/	/	<=13	Pass
	3840	Outer Full	8.32	/	/	<=13	Pass
	3934.98	Outer Full	8.27	/	/	<=13	Pass

4.1.11 30k_SISO_100MHz_NTNV

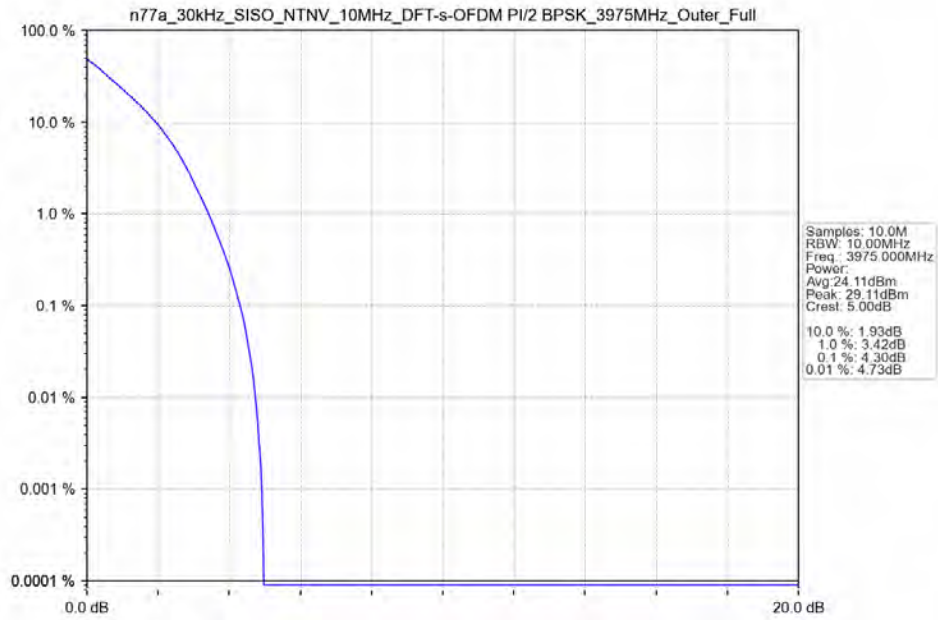
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	4.13	/	/	<=13	Pass
	3840	Outer_Full	4.04	/	/	<=13	Pass
	3930	Outer_Full	4.21	/	/	<=13	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	5.47	/	/	<=13	Pass
	3840	Outer_Full	5.12	/	/	<=13	Pass
	3930	Outer_Full	5.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	6.53	/	/	<=13	Pass
	3840	Outer_Full	6.35	/	/	<=13	Pass
	3930	Outer_Full	6.59	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	6.71	/	/	<=13	Pass
	3840	Outer_Full	6.54	/	/	<=13	Pass
	3930	Outer_Full	6.75	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	6.80	/	/	<=13	Pass
	3840	Outer_Full	6.62	/	/	<=13	Pass
	3930	Outer_Full	6.87	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer_Full	7.97	/	/	<=13	Pass
	3840	Outer_Full	7.75	/	/	<=13	Pass
	3930	Outer_Full	7.87	/	/	<=13	Pass
CP-OFDM 16 QAM	3750	Outer_Full	8.01	/	/	<=13	Pass
	3840	Outer_Full	7.83	/	/	<=13	Pass
	3930	Outer_Full	7.84	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer_Full	8.06	/	/	<=13	Pass
	3840	Outer_Full	8.13	/	/	<=13	Pass
	3930	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.27	/	/	<=13	Pass
	3840	Outer_Full	8.27	/	/	<=13	Pass
	3930	Outer_Full	8.14	/	/	<=13	Pass

4.2 Test Graph

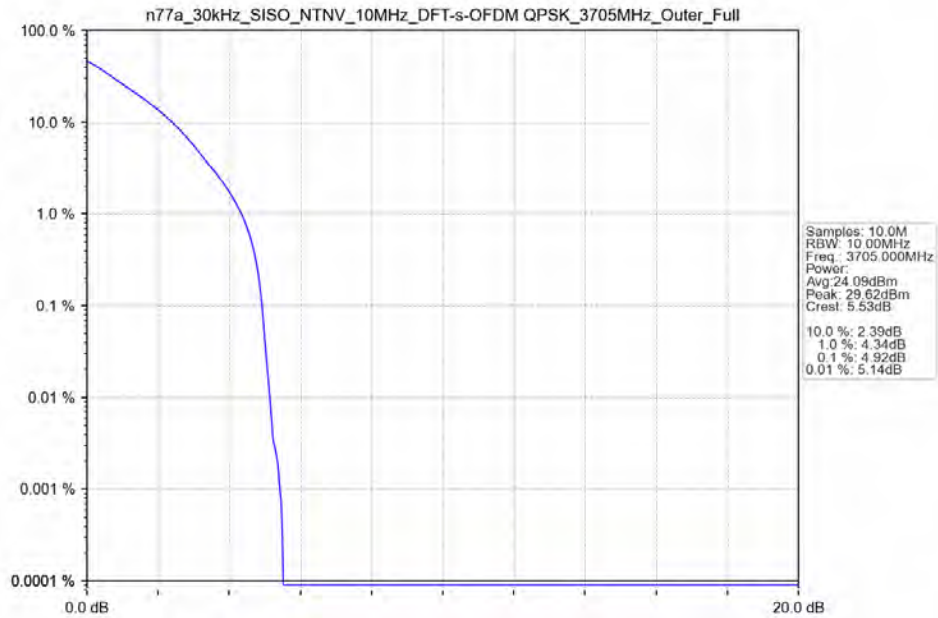
4.2.1 30k_SISO_10MHz_NTNV



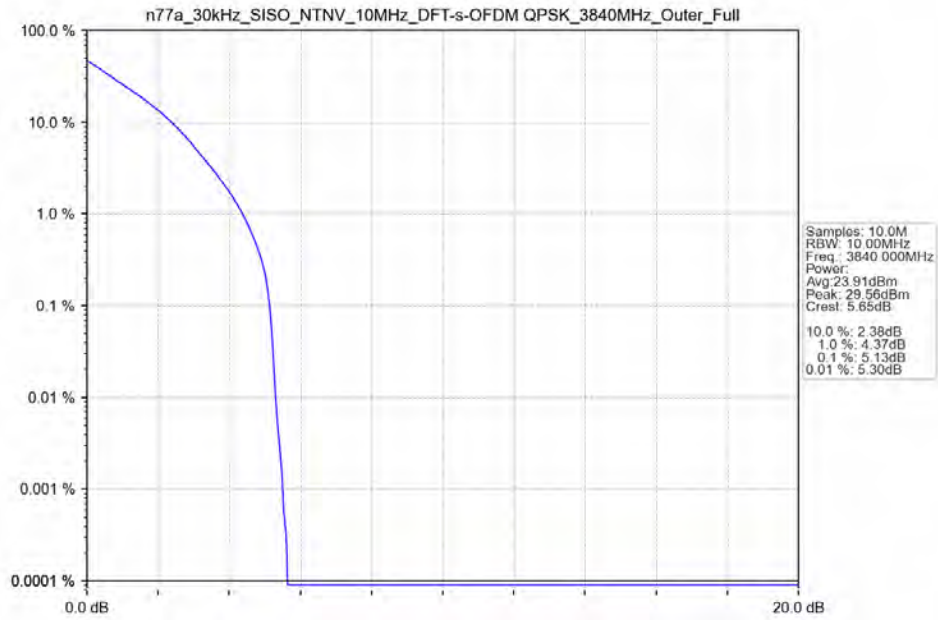
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3975MHz_Outer_Full_Ant13



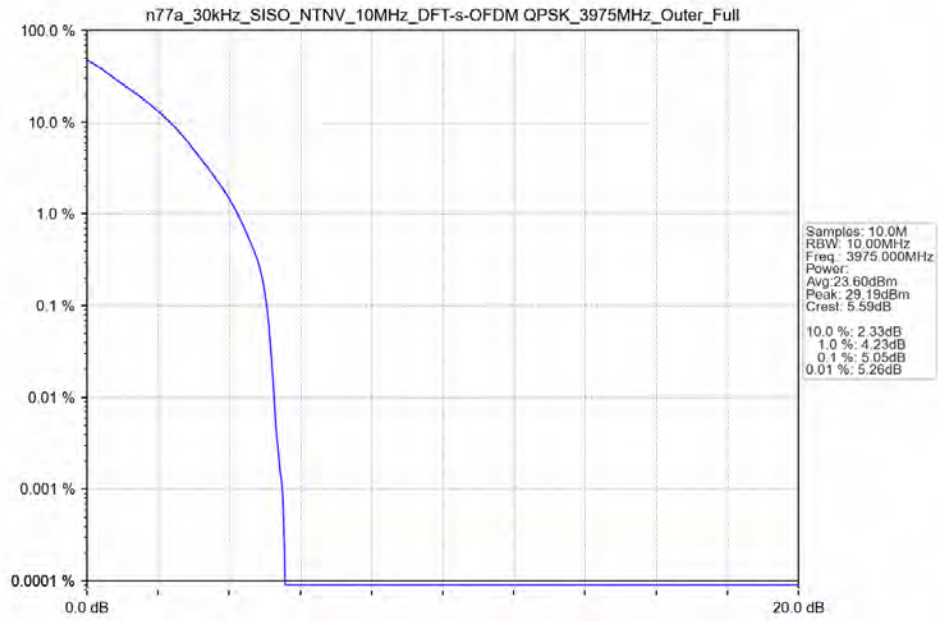
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3705MHz_Outer_Full_Ant13



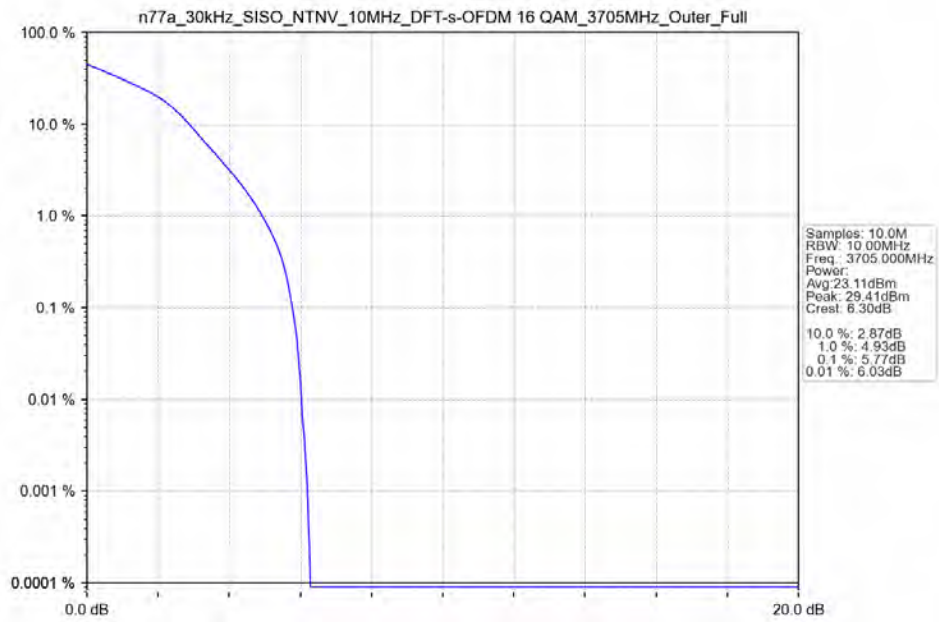
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



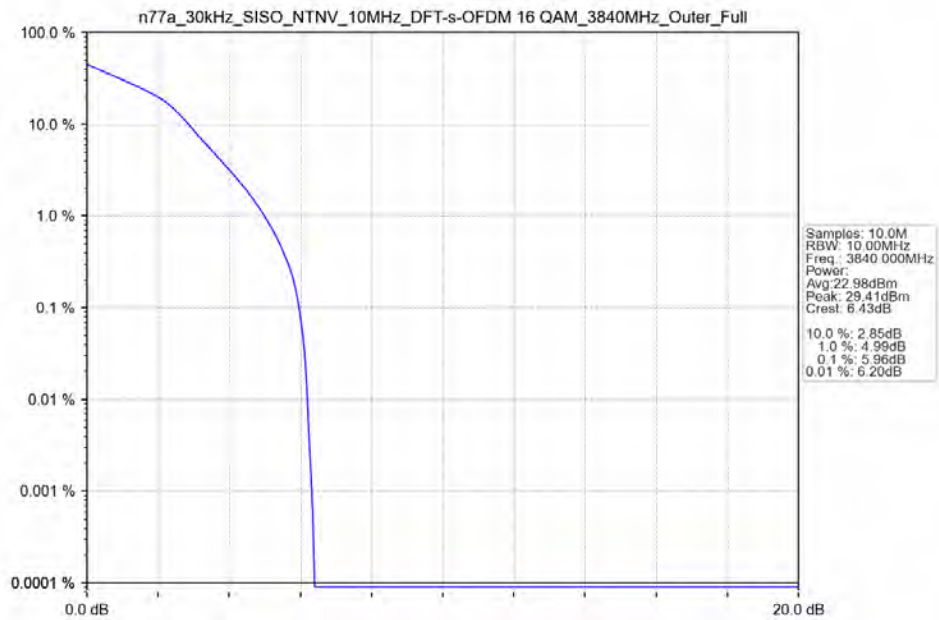
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Outer_Full_Ant13



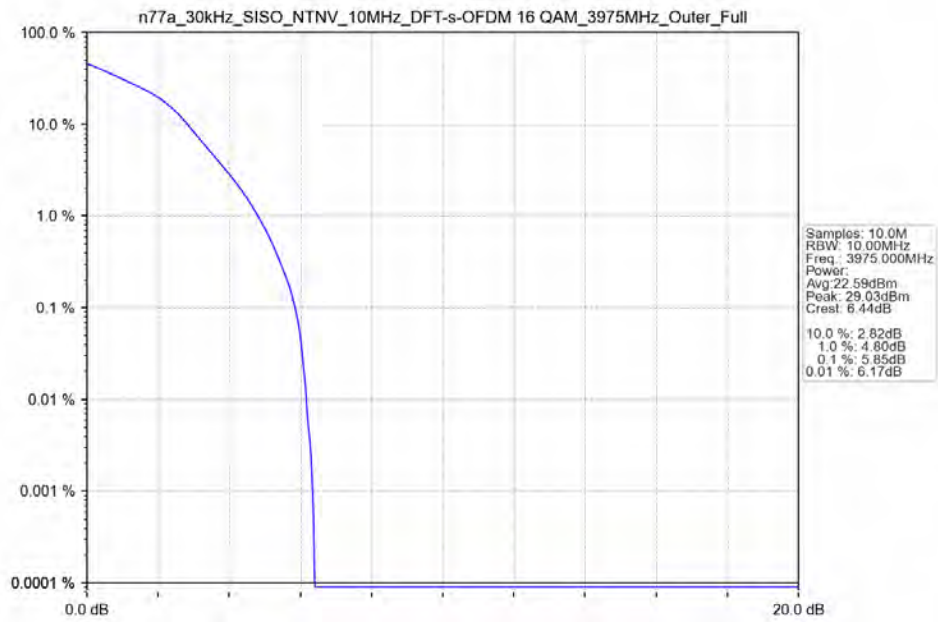
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3705MHz_Outer_Full_Ant13



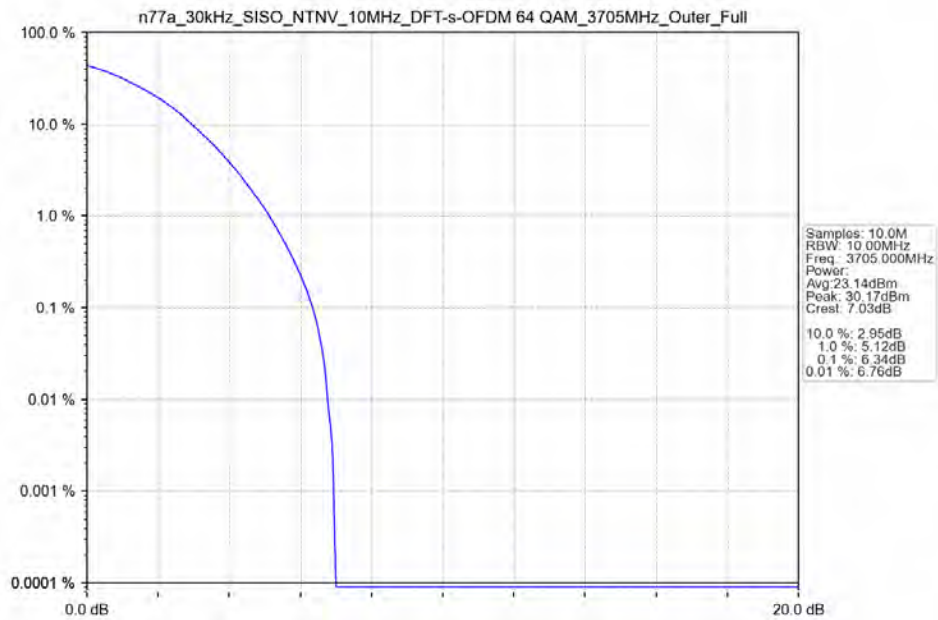
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



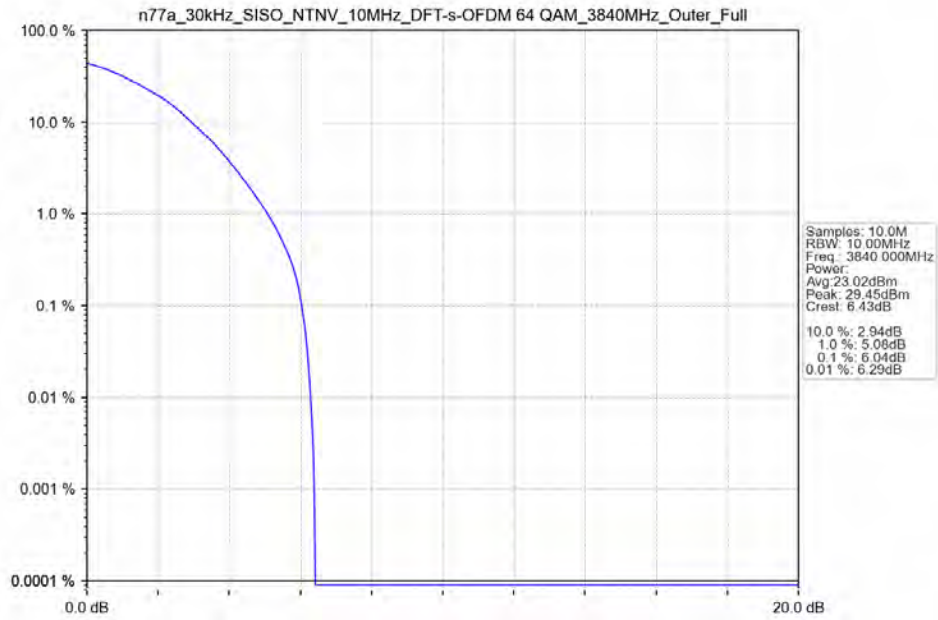
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3975MHz_Outer_Full_Ant13



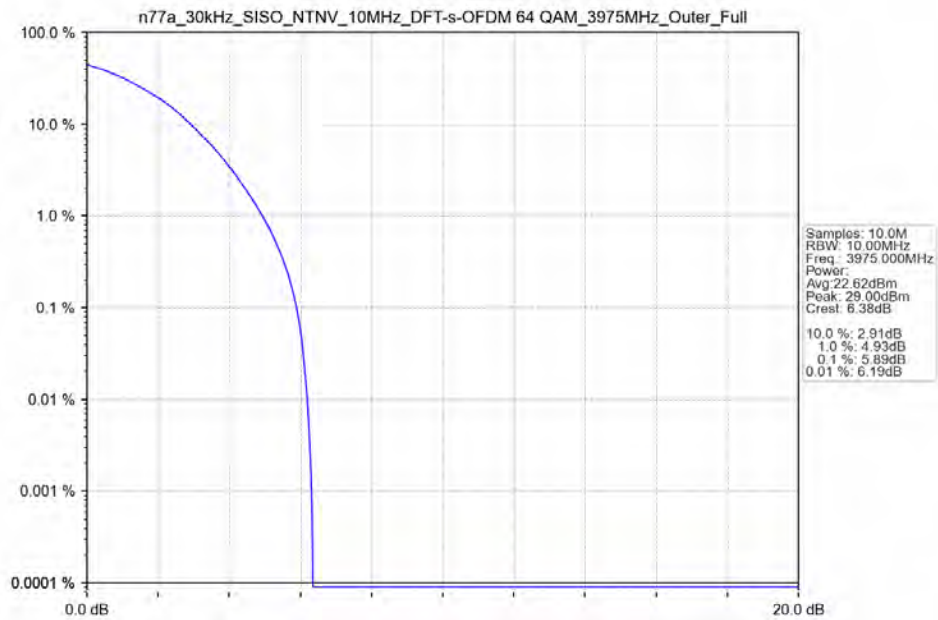
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3705MHz_Outer_Full_Ant13



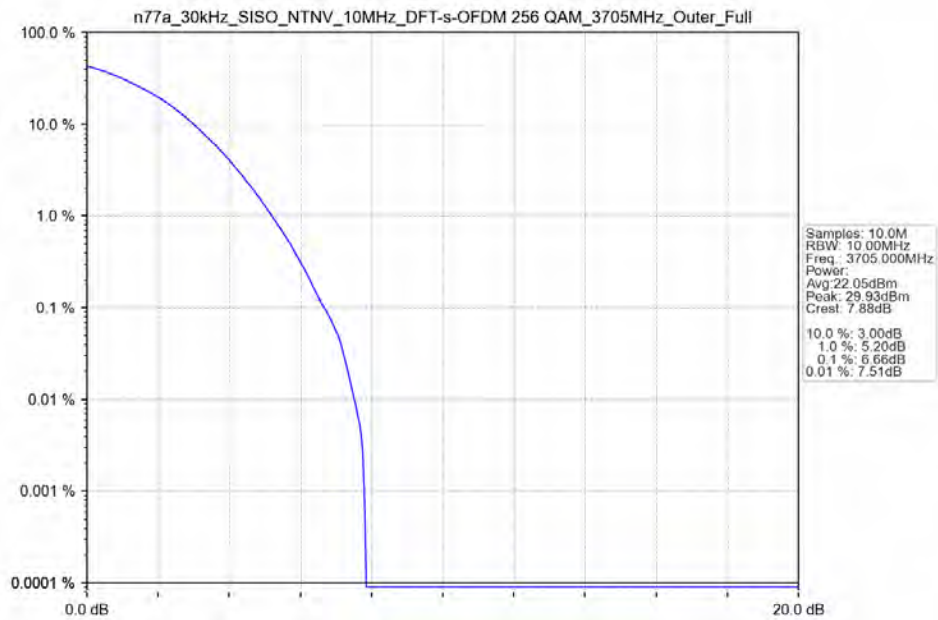
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



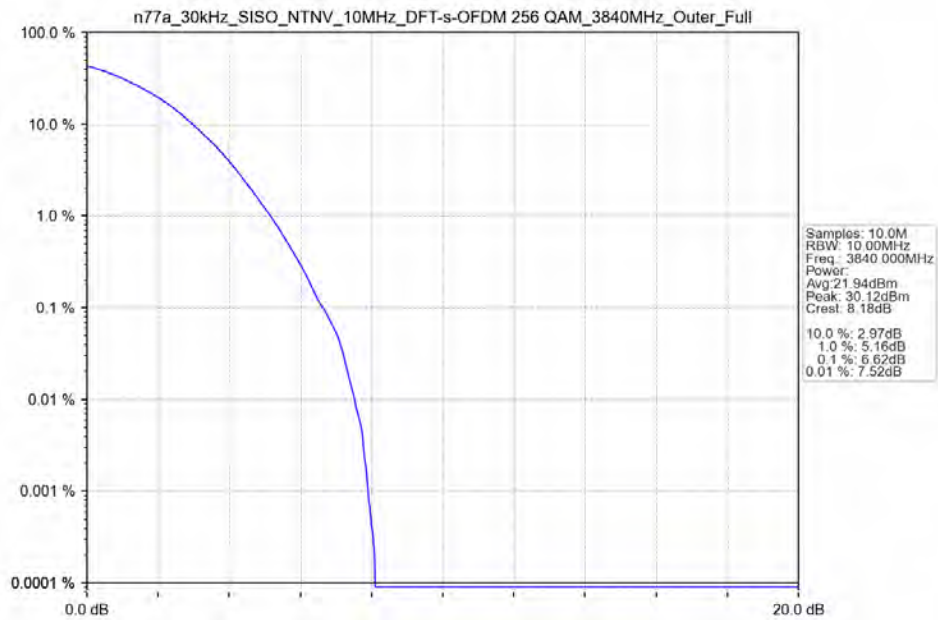
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3975MHz_Outer_Full_Ant13



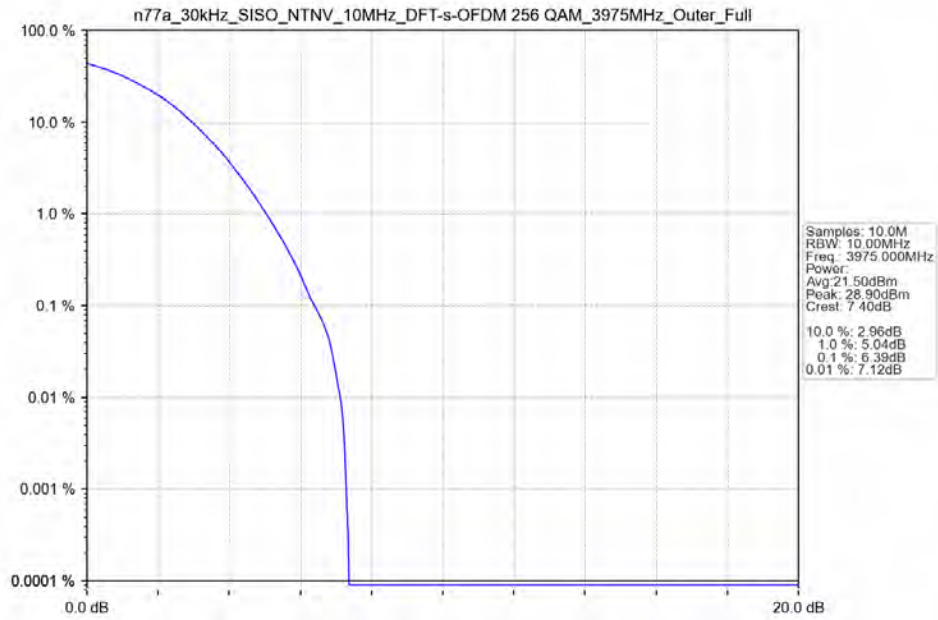
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3705MHz_Outer_Full_Ant13



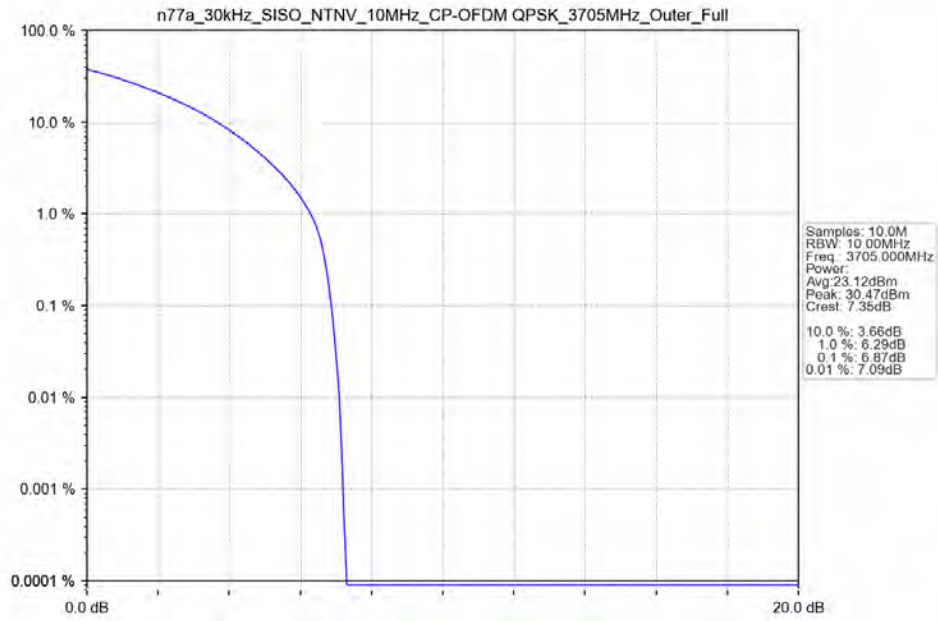
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



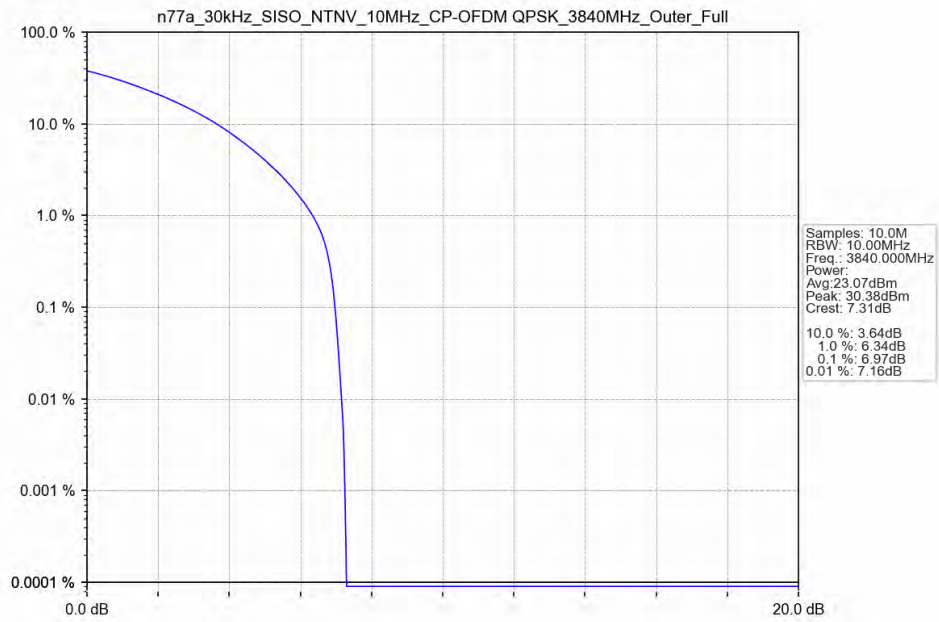
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3975MHz_Outer_Full_Ant13



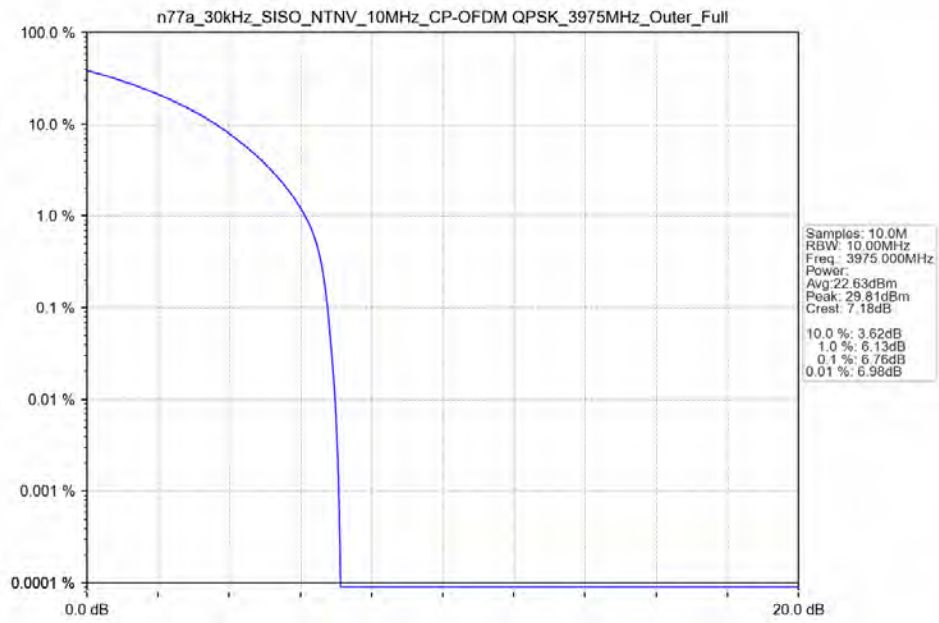
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3705MHz_Outer_Full_Ant13



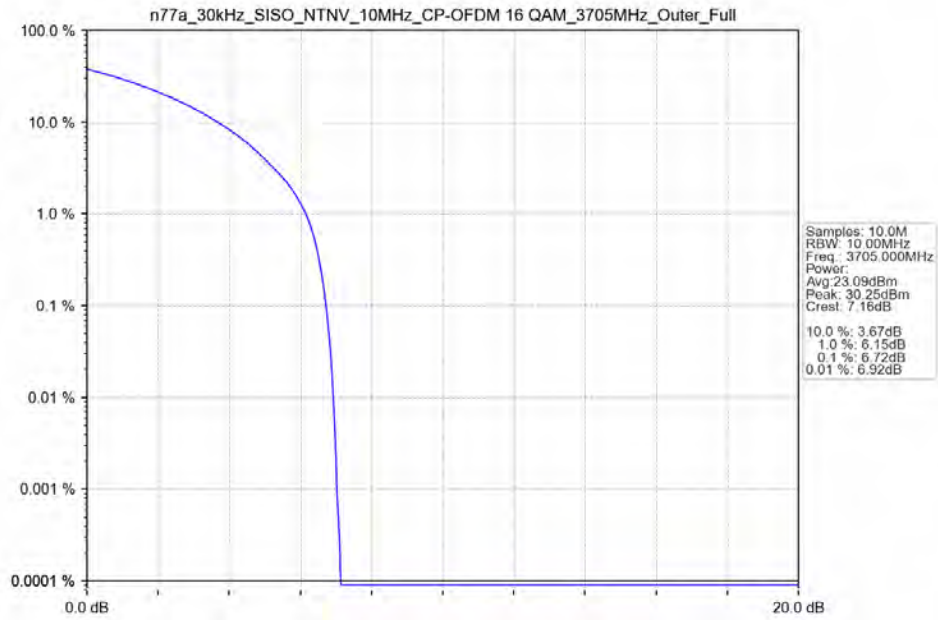
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



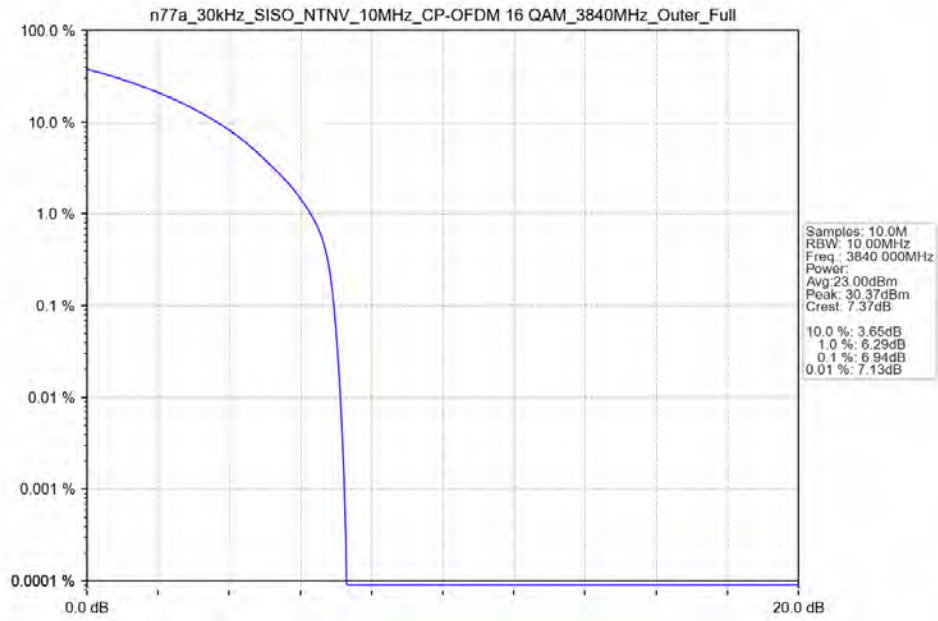
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Outer_Full_Ant13



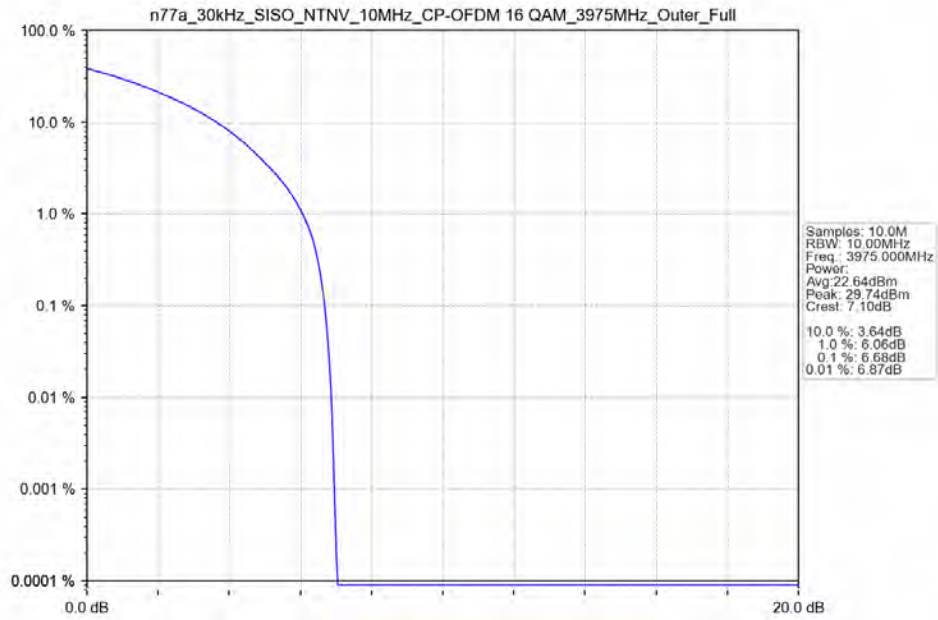
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3705MHz_Outer_Full_Ant13



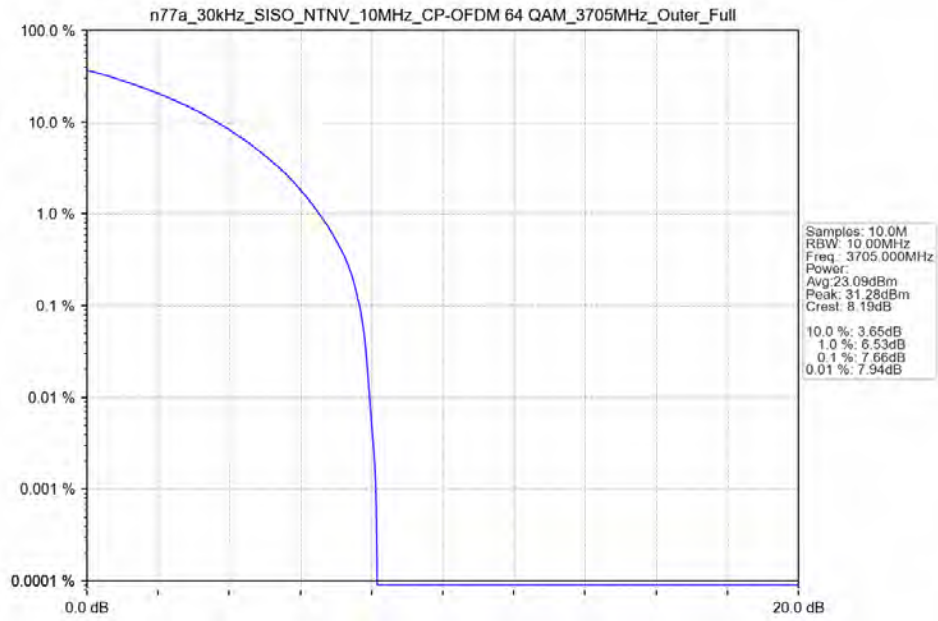
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



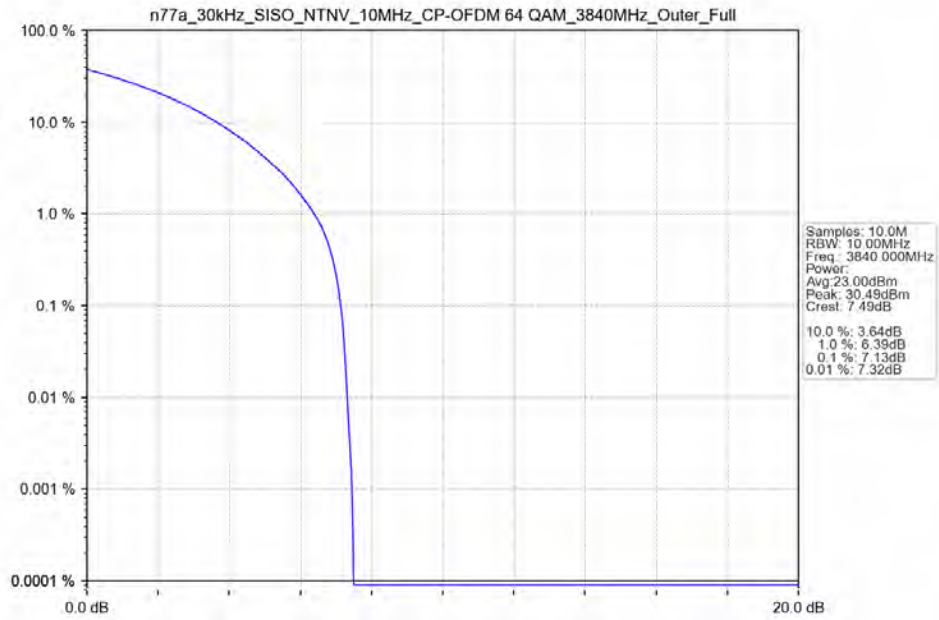
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3975MHz_Outer_Full_Ant13



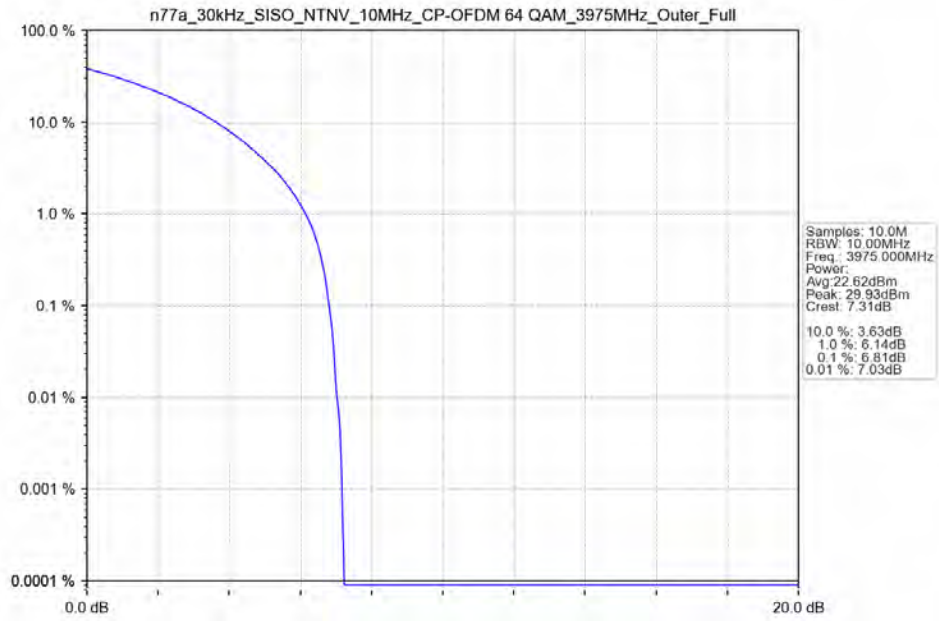
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3705MHz_Outer_Full_Ant13



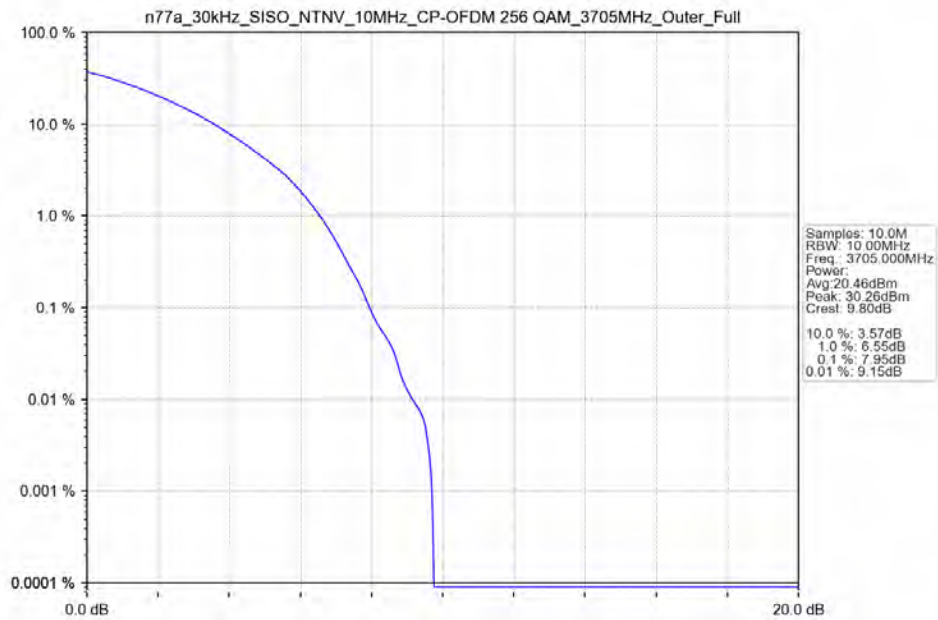
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



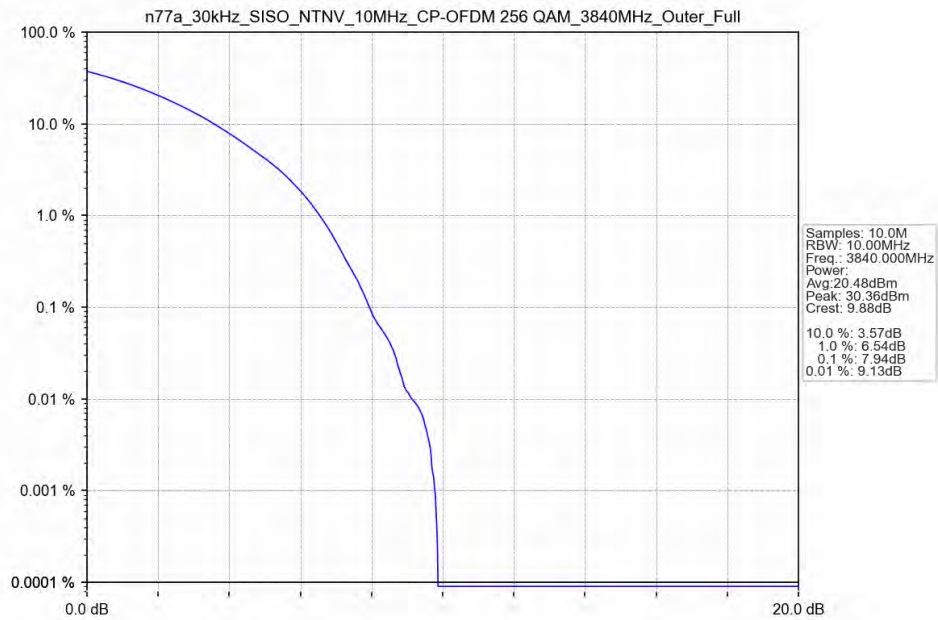
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3975MHz_Outer_Full_Ant13



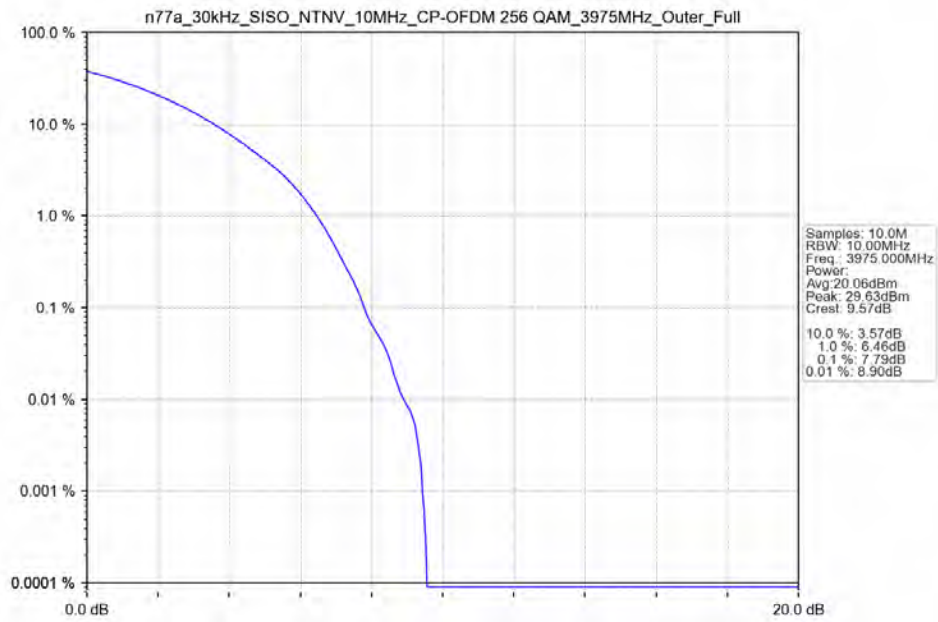
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3705MHz_Outer_Full_Ant13



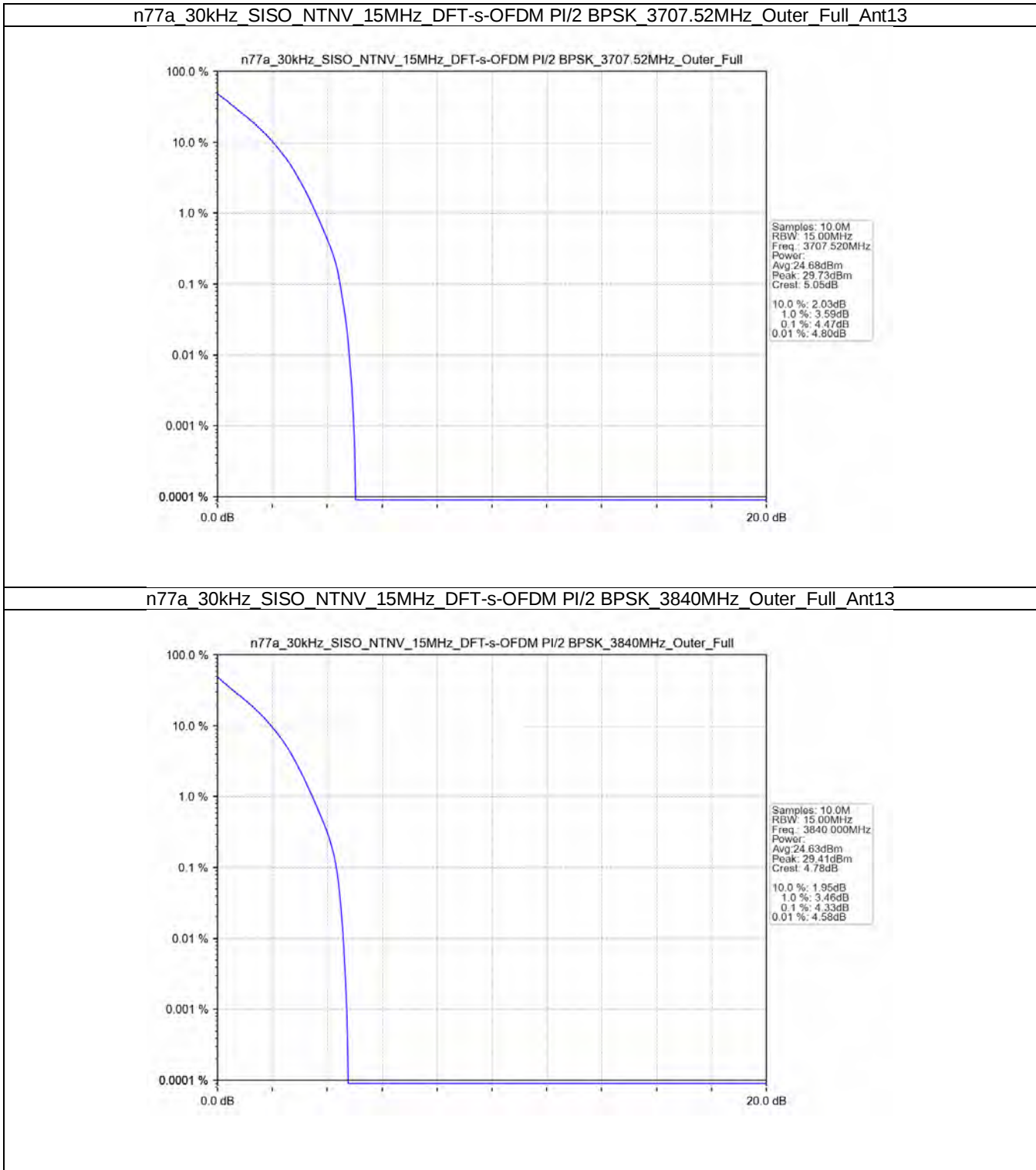
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



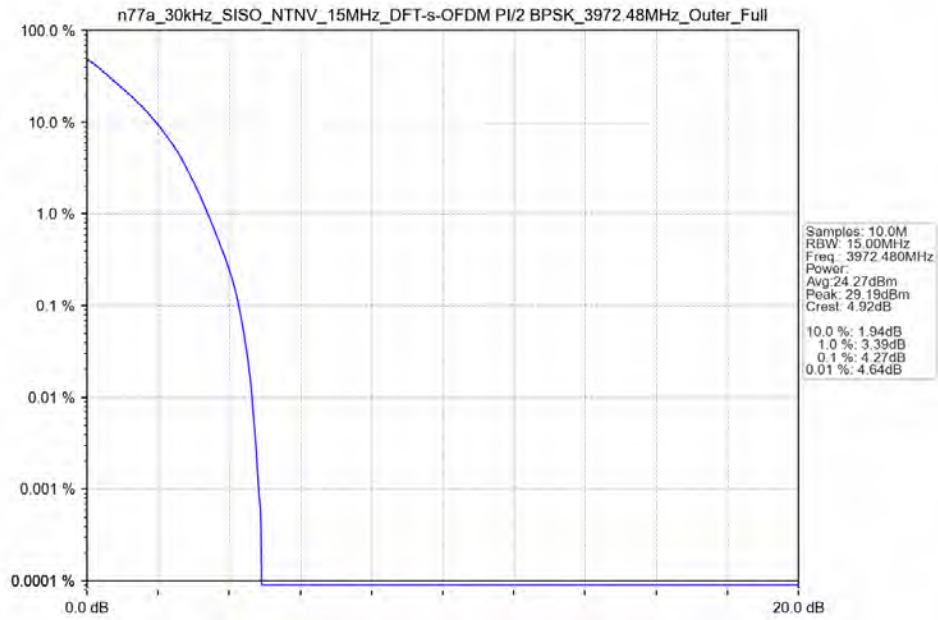
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3975MHz_Outer_Full_Ant13



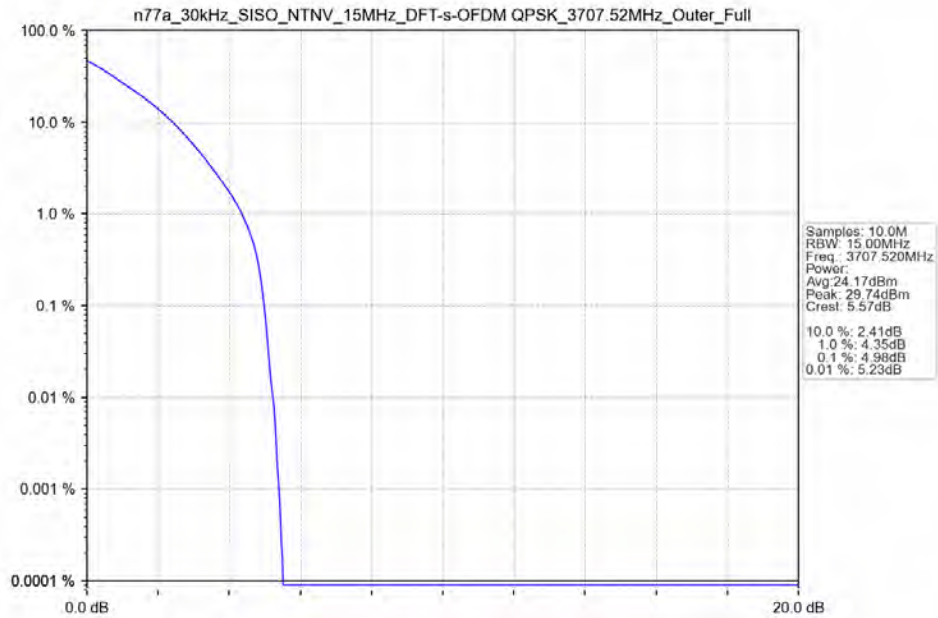
4.2.2 30k_SISO_15MHz_NTNV



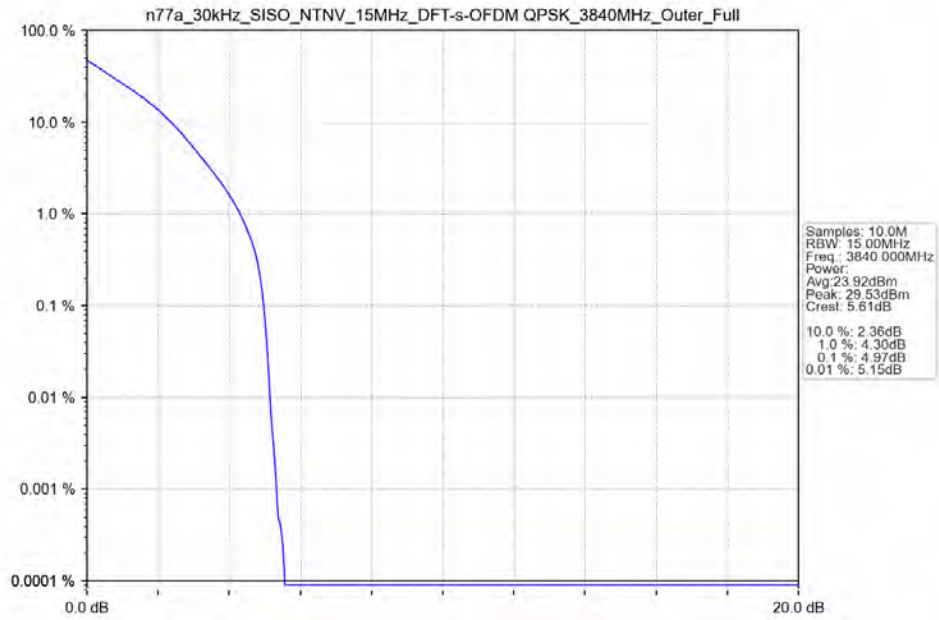
n77a 30kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 3972.48MHz Outer Full Ant13



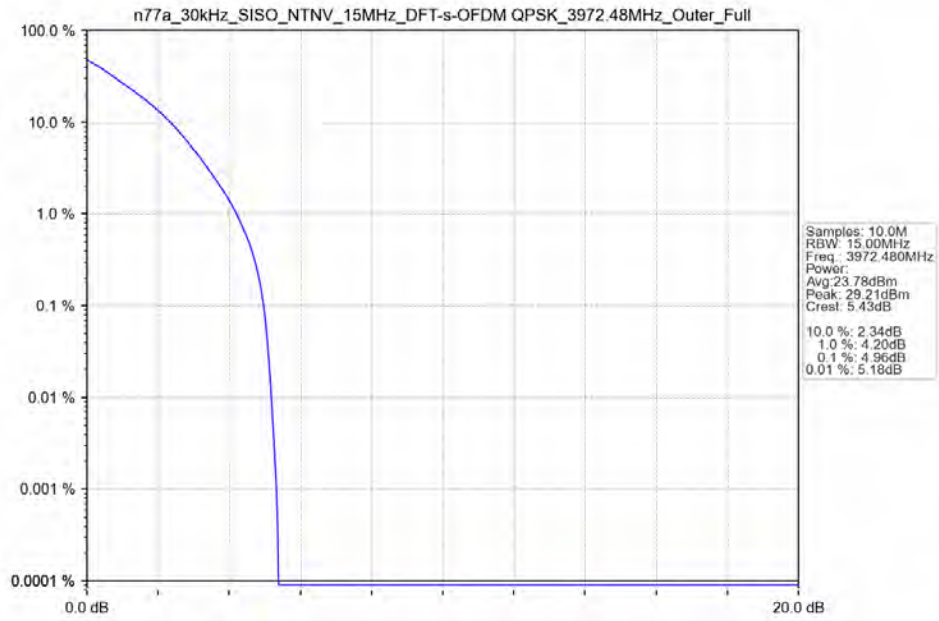
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3707.52MHz_Outer_Full Ant13



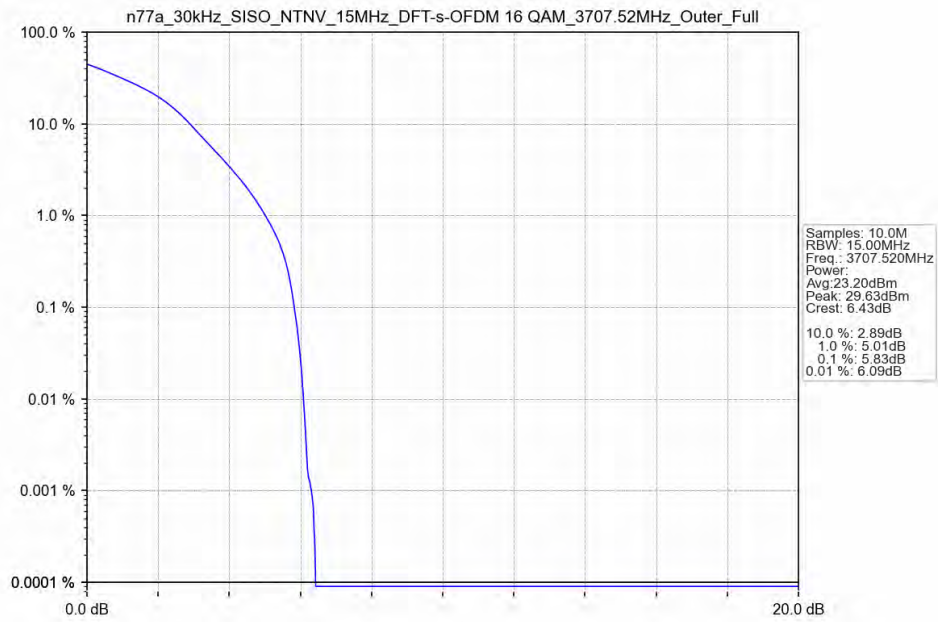
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



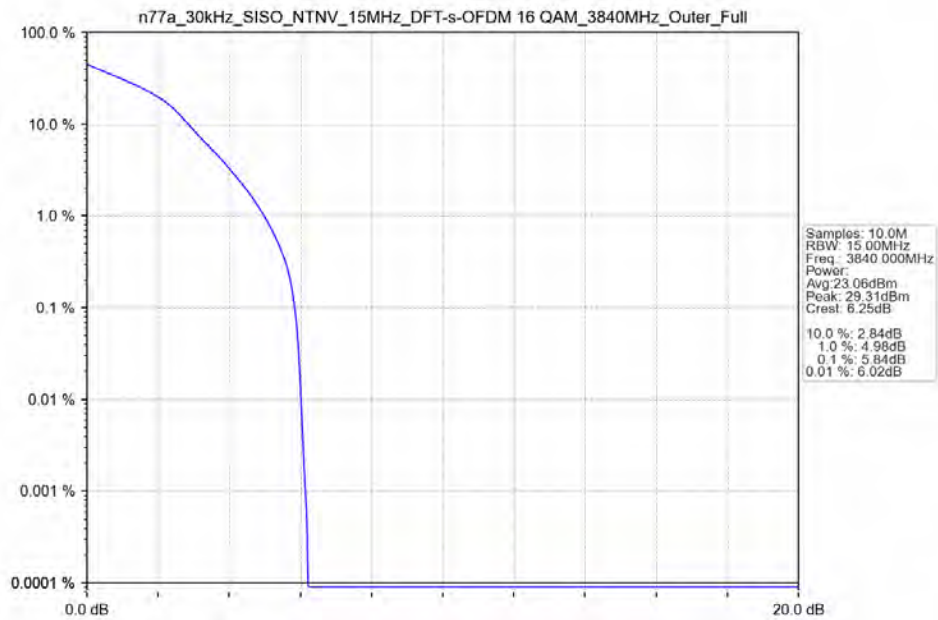
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3972.48MHz_Outer_Full_Ant13



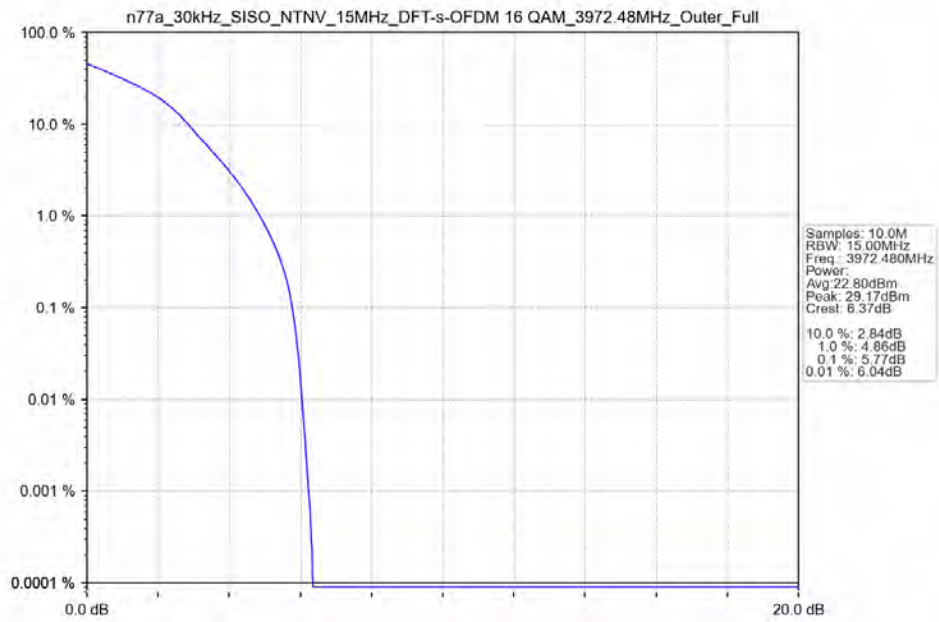
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3707.52MHz_Outer_Full_Ant13



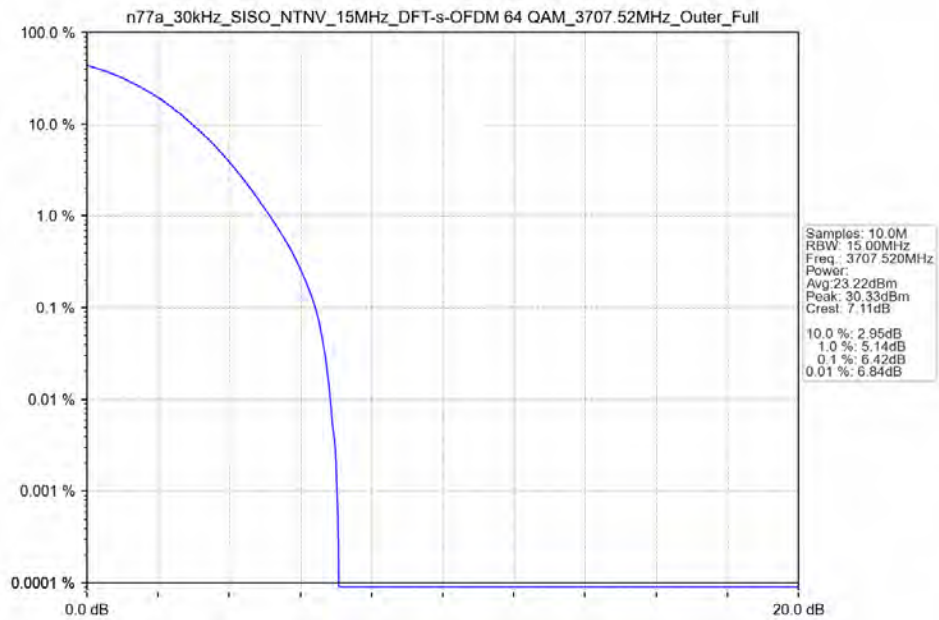
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



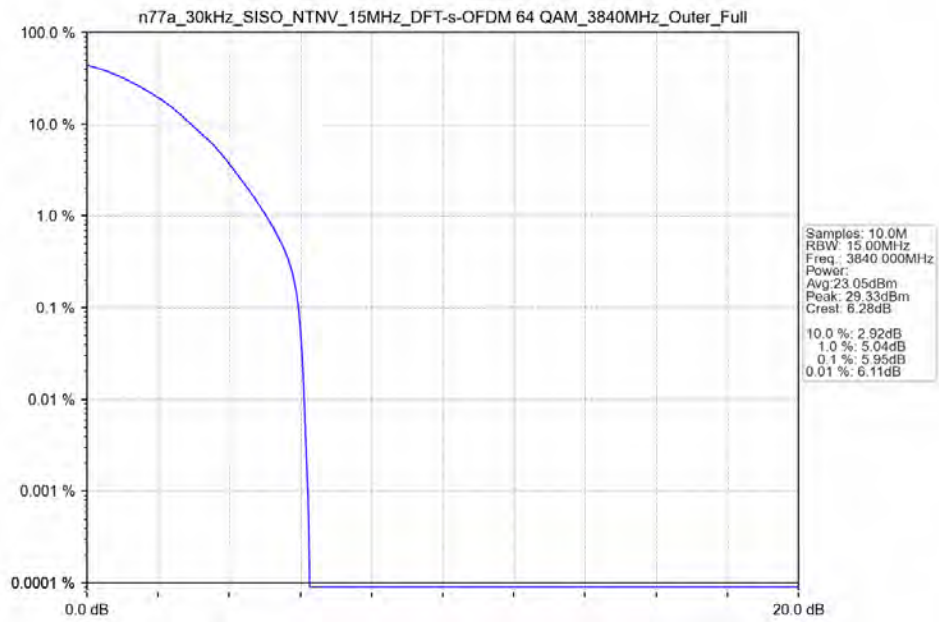
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3972.48MHz_Outer_Full_Ant13



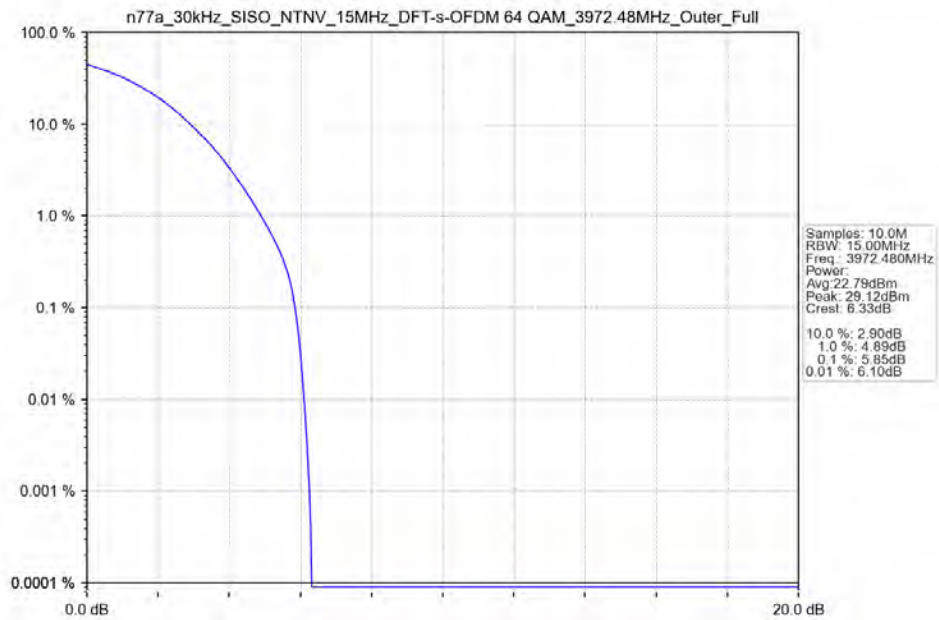
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3707.52MHz_Outer_Full_Ant13



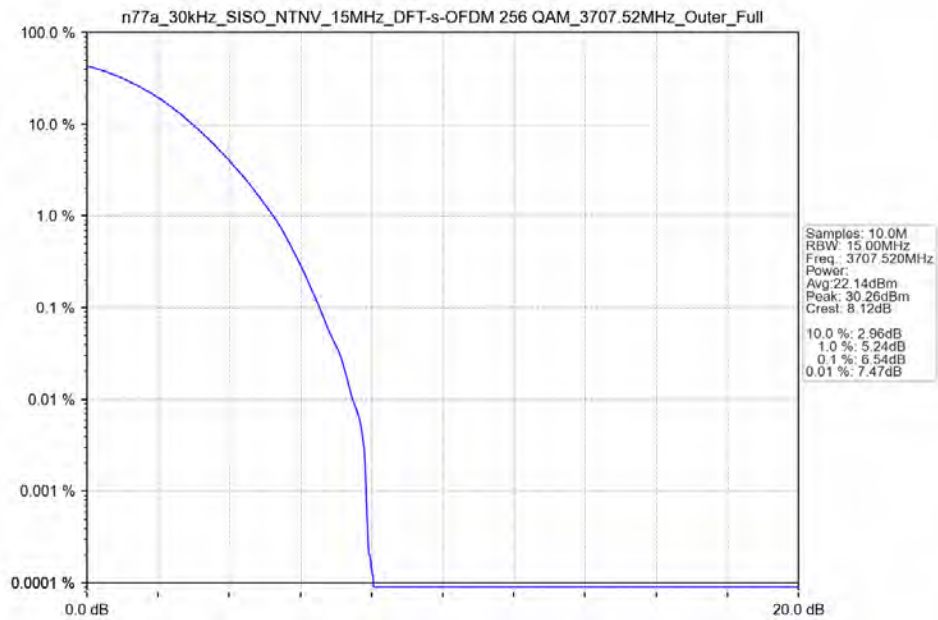
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



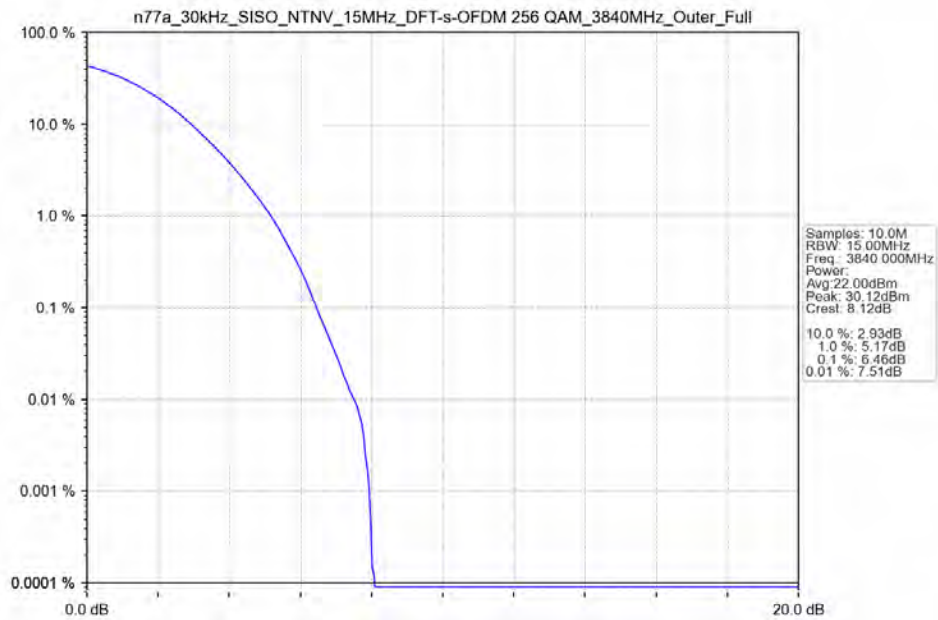
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3972.48MHz_Outer_Full_Ant13



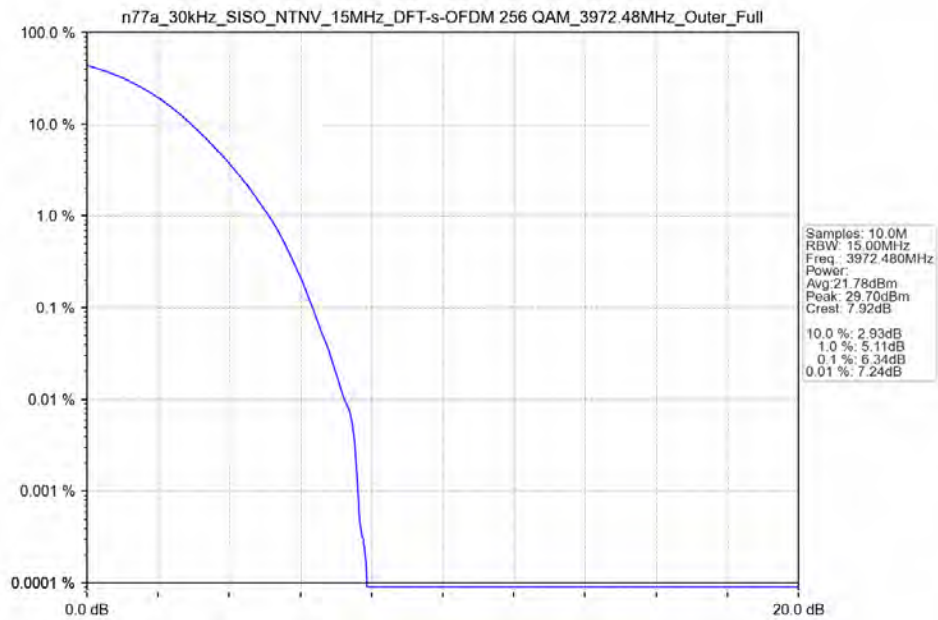
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3707.52MHz_Outer_Full_Ant13



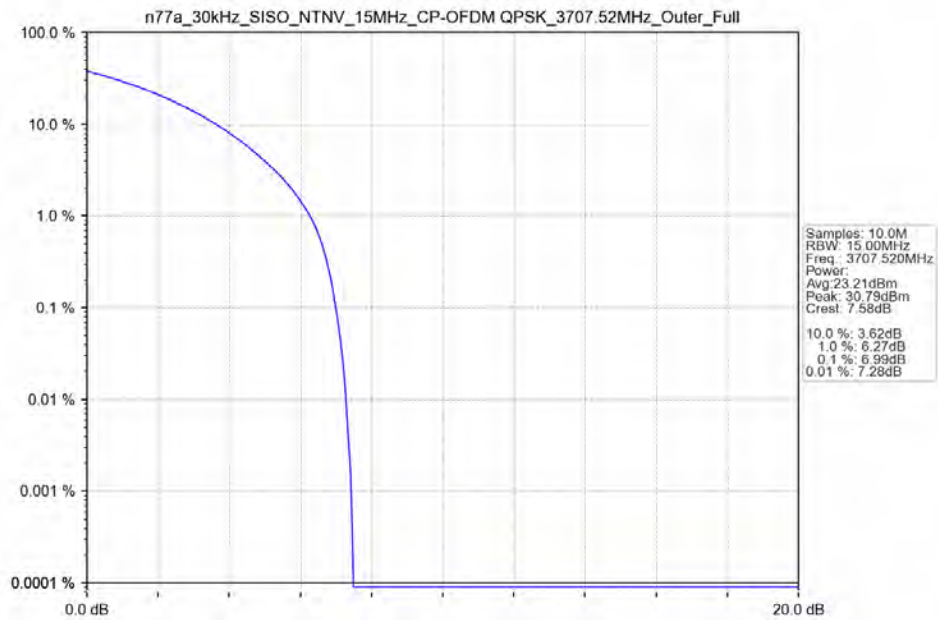
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



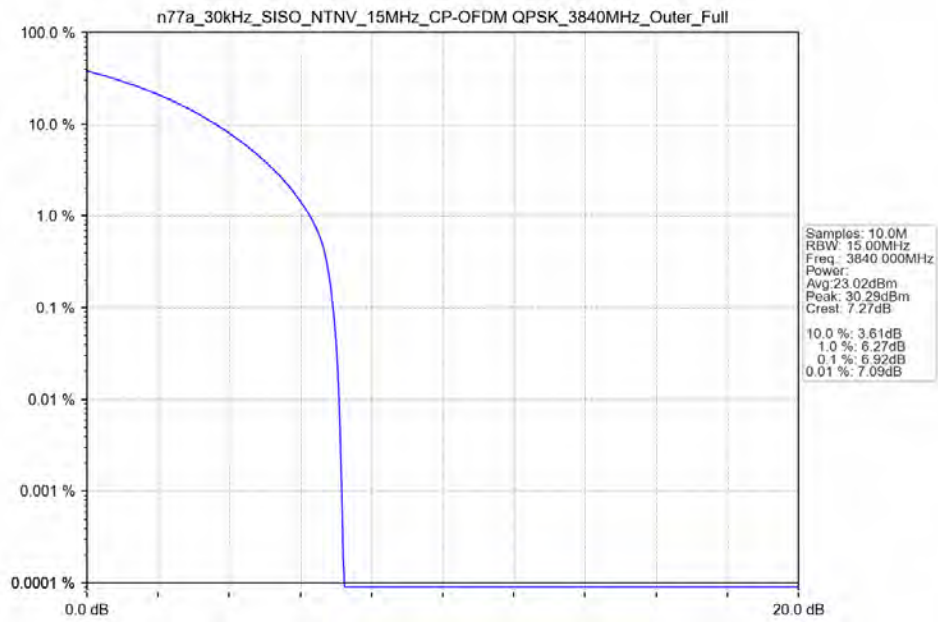
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3972.48MHz_Outer_Full_Ant13



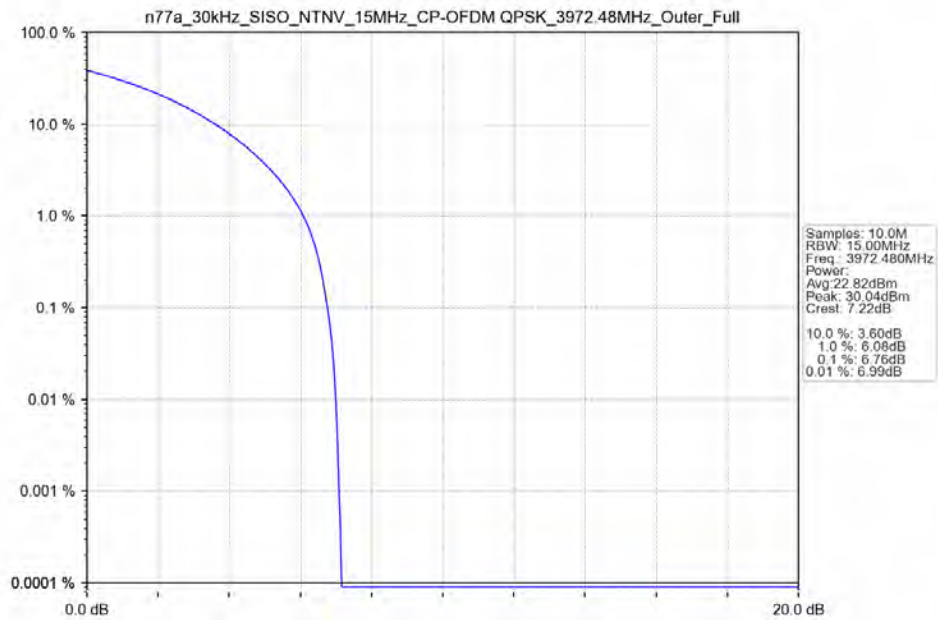
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3707.52MHz_Outer_Full_Ant13



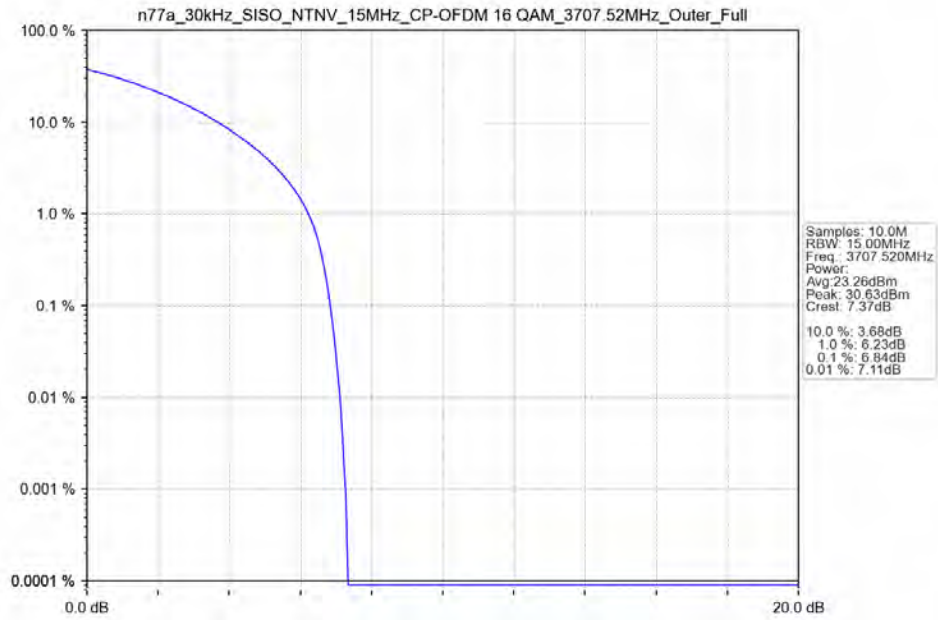
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



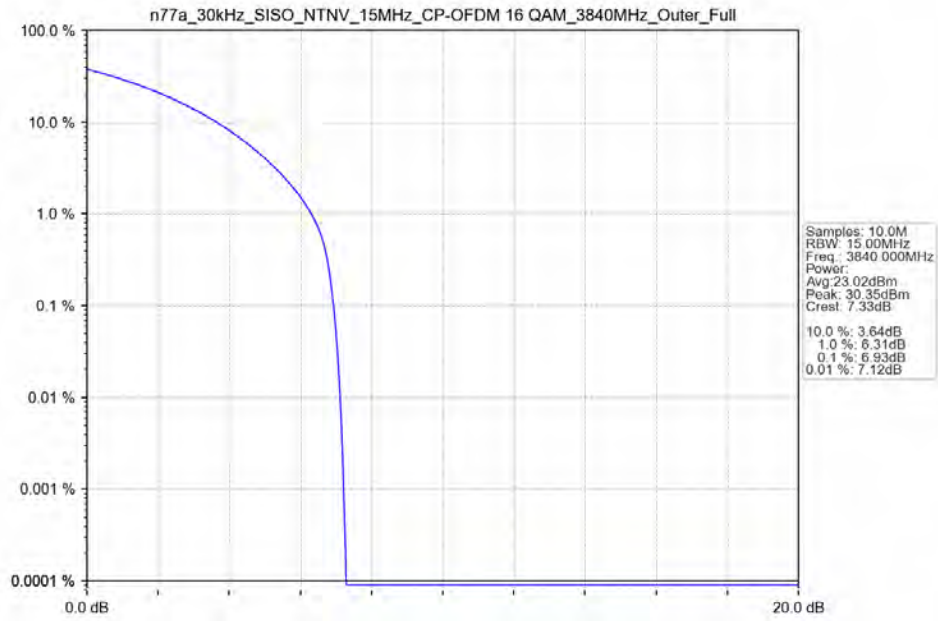
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3972.48MHz_Outer_Full_Ant13



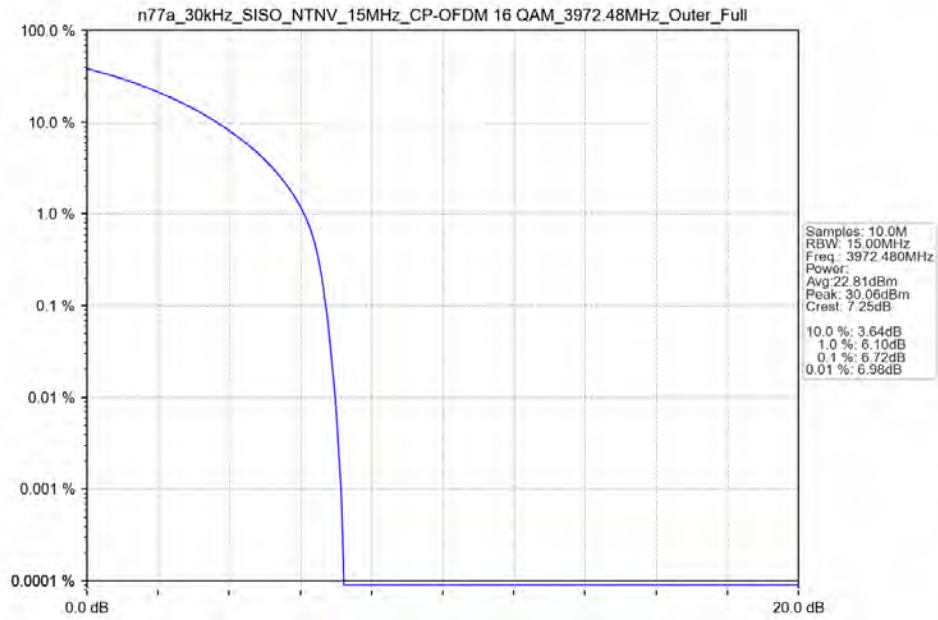
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3707.52MHz_Outer_Full_Ant13



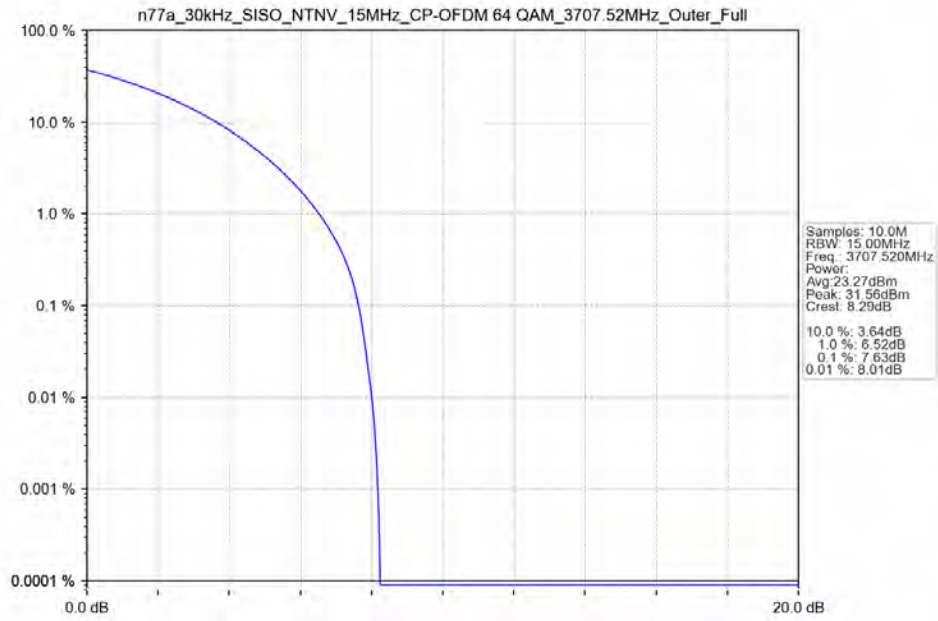
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



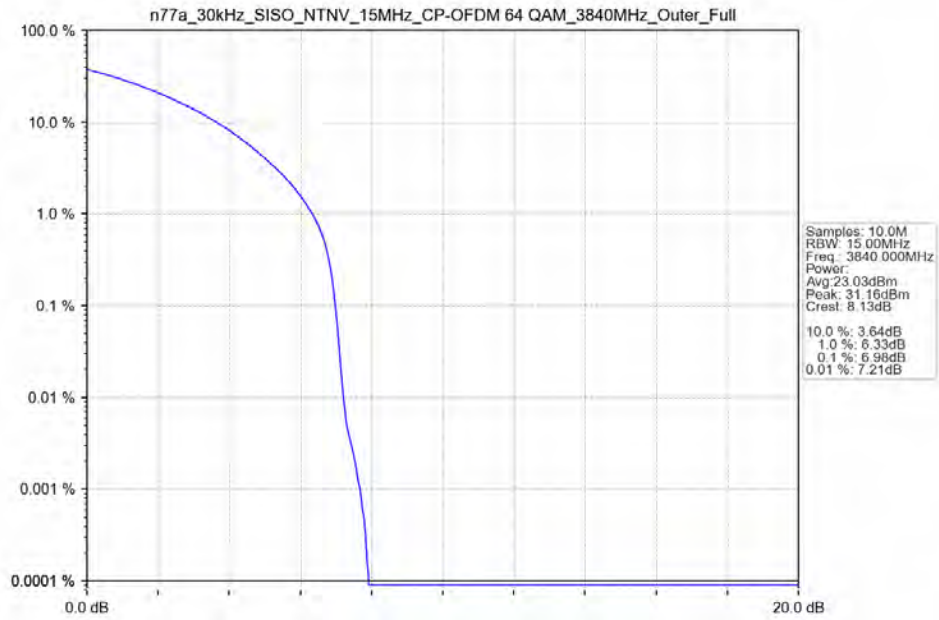
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_3972.48MHz_Outer_Full_Ant13



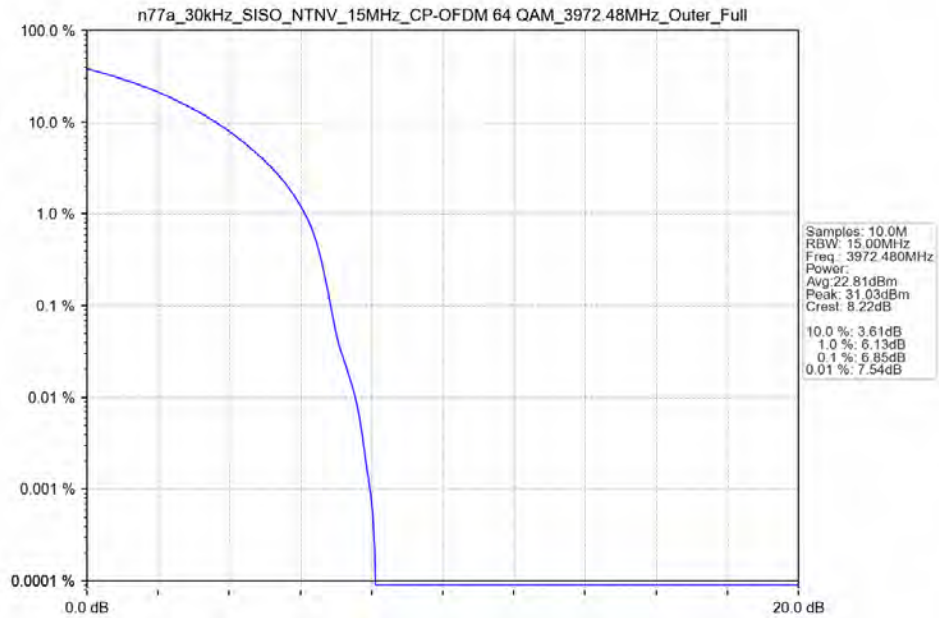
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_3707.52MHz_Outer_Full_Ant13



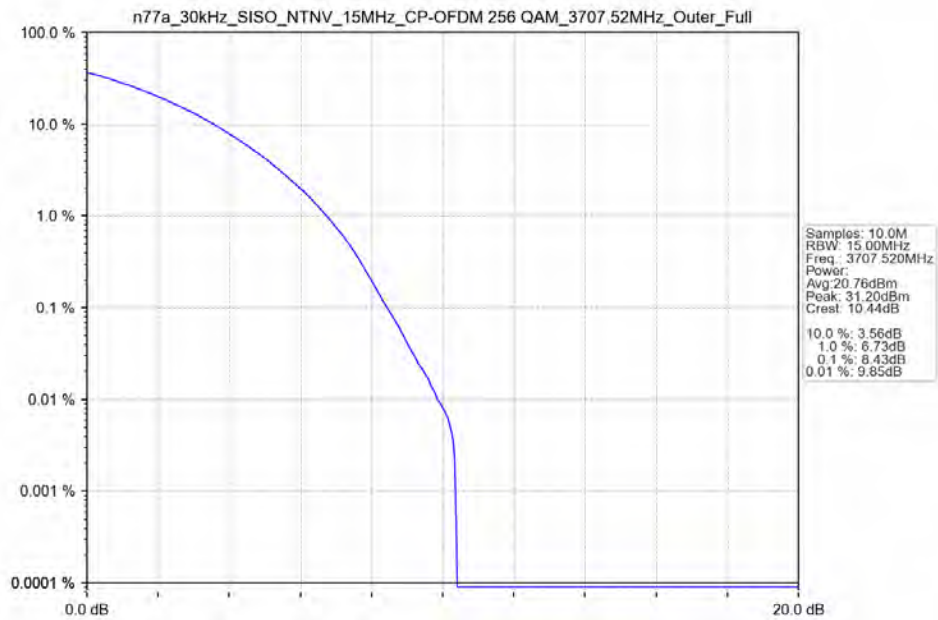
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



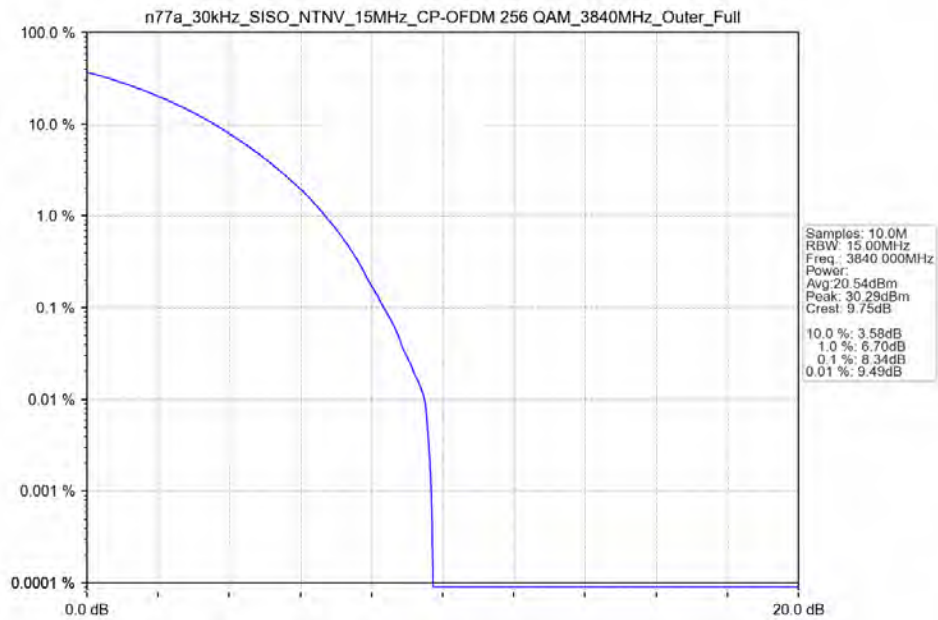
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_3972.48MHz_Outer_Full_Ant13



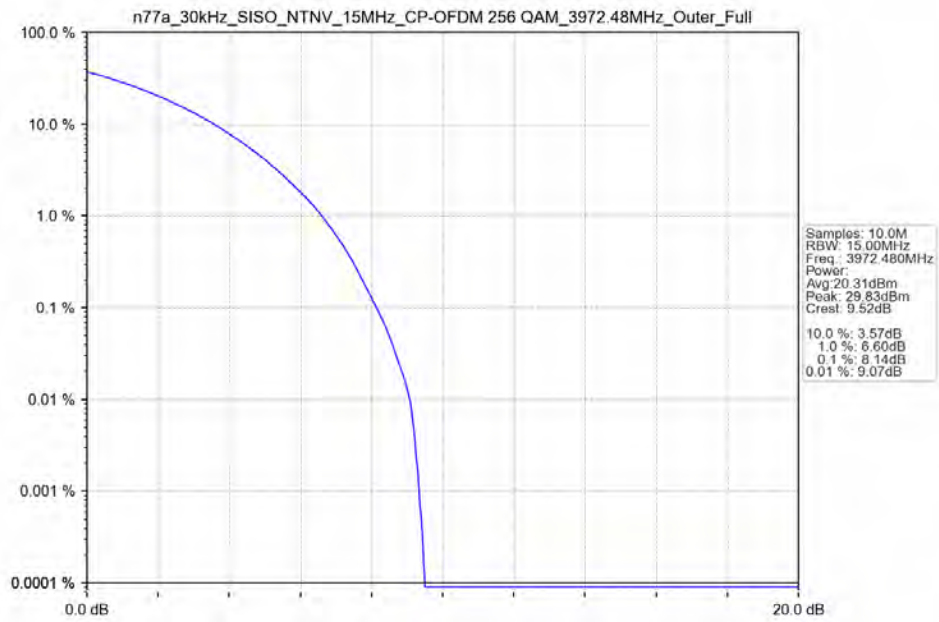
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3707.52MHz_Outer_Full_Ant13



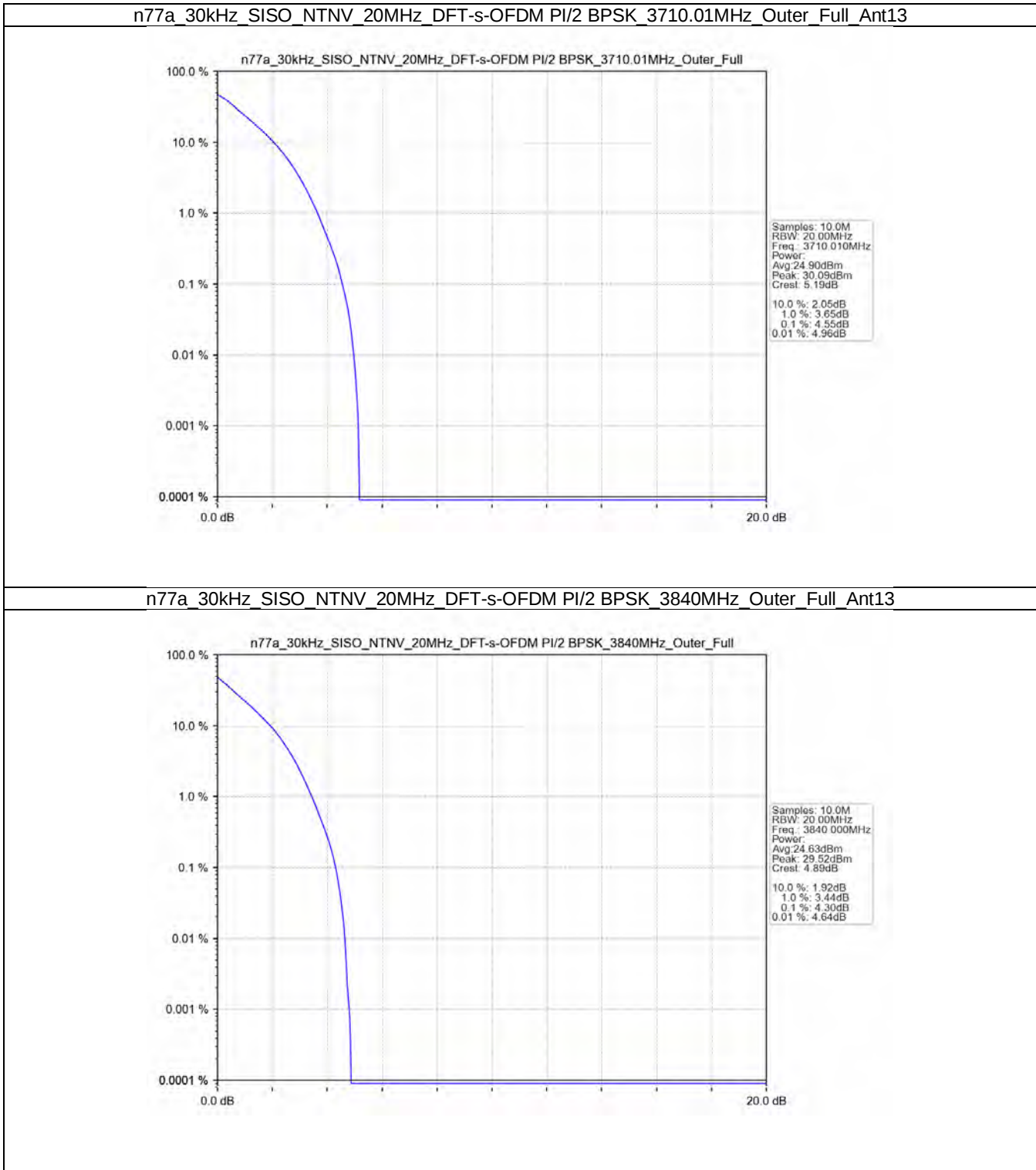
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



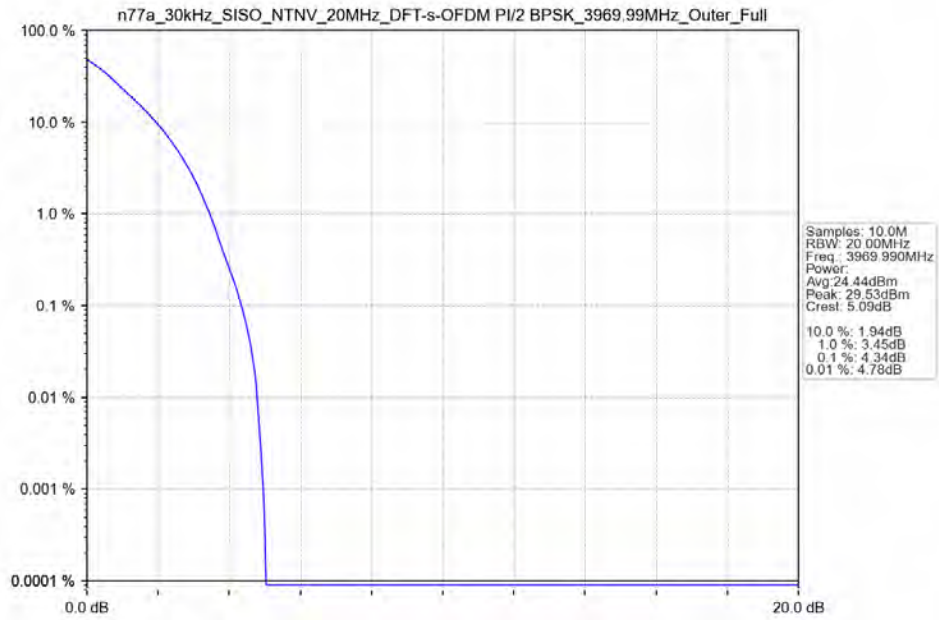
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3972.48MHz_Outer_Full_Ant13



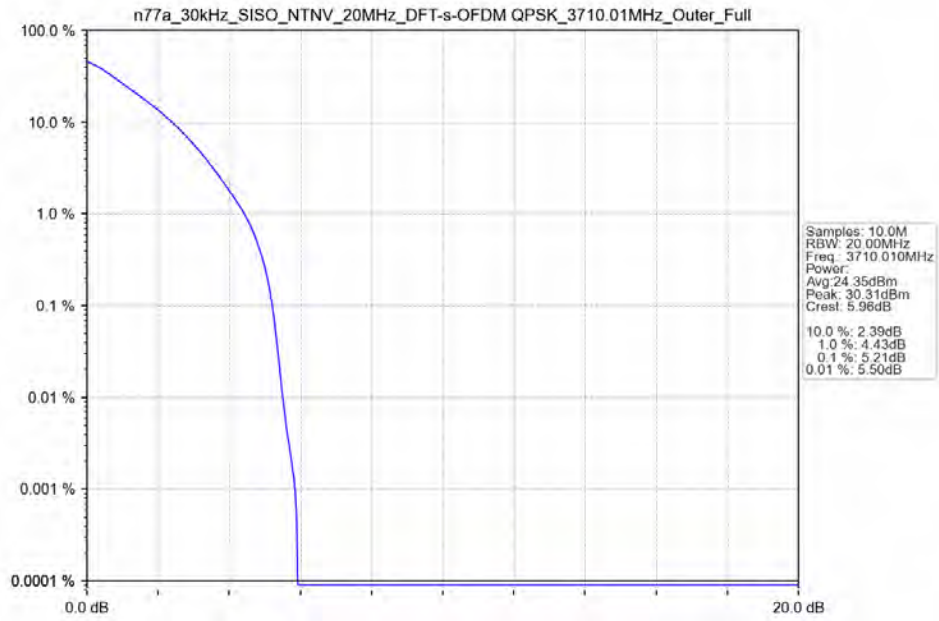
4.2.3 30k_SISO_20MHz_NTNV



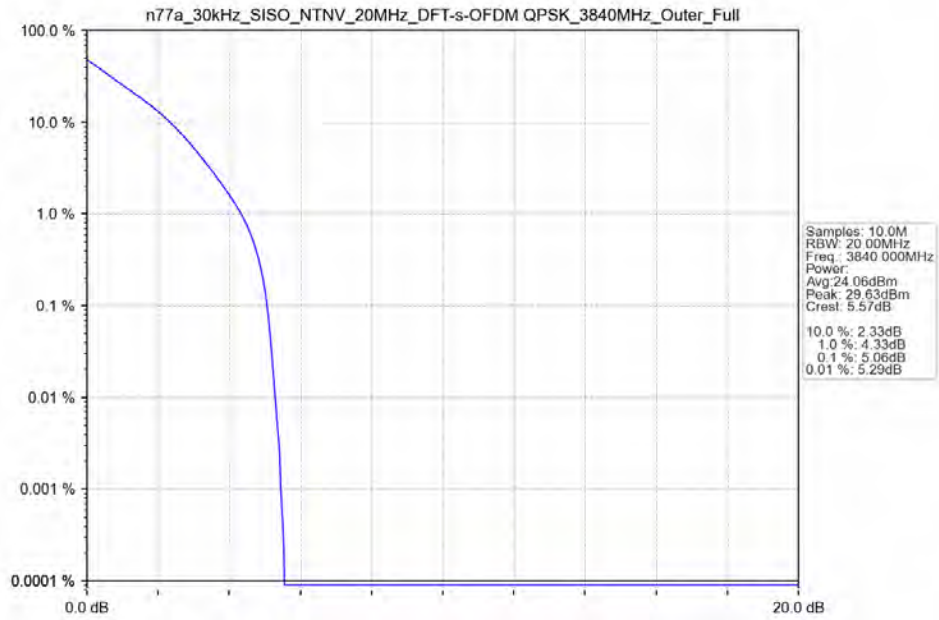
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3969.99MHz Outer Full Ant13



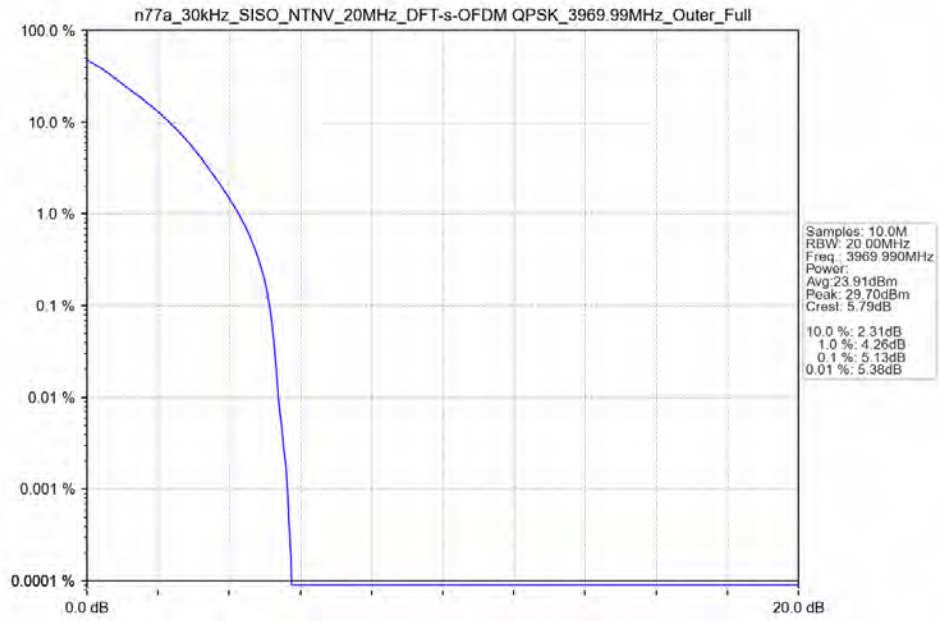
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK 3710.01MHz Outer Full Ant13



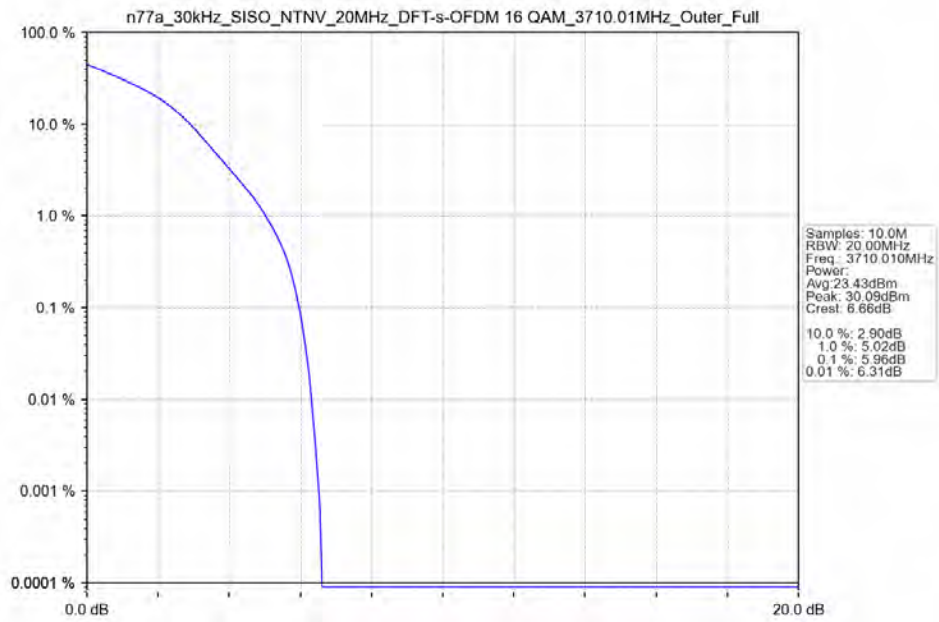
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



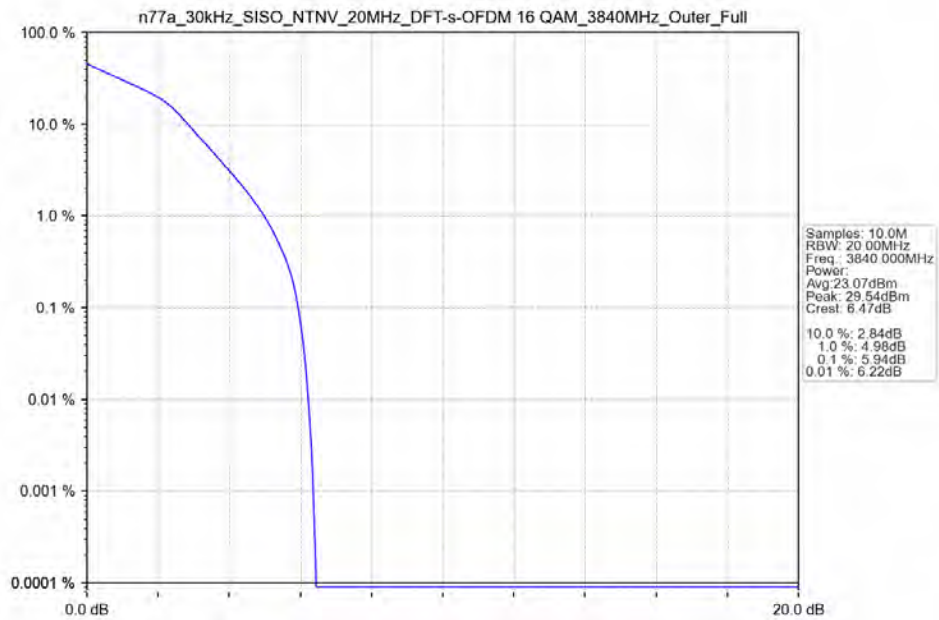
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Outer_Full_Ant13



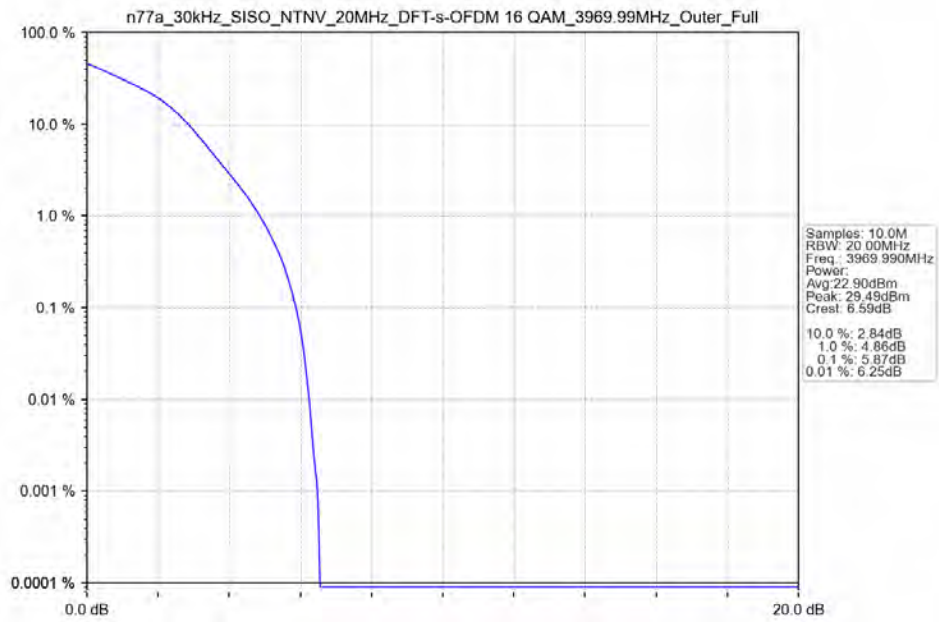
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3710.01MHz_Outer_Full_Ant13



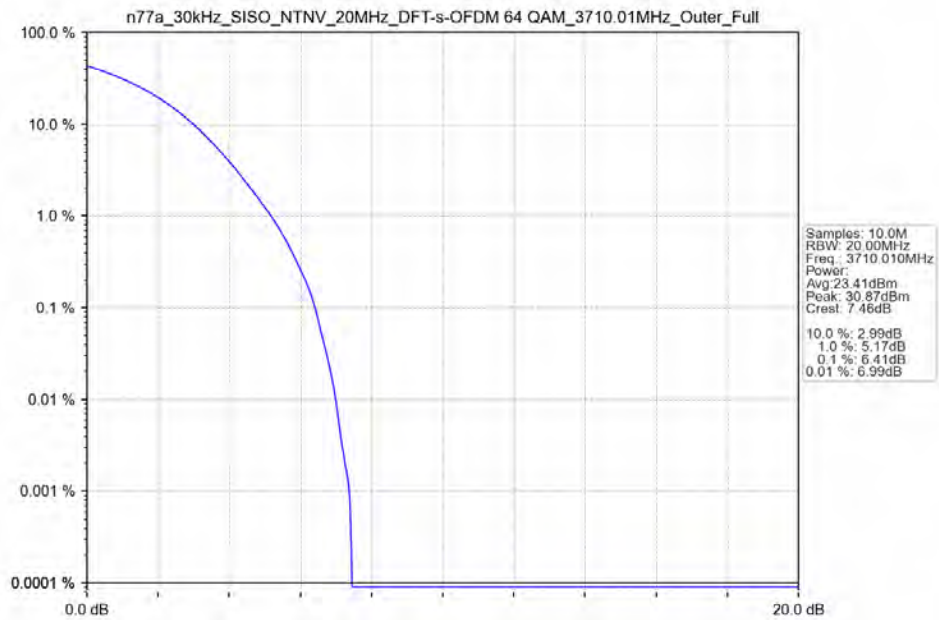
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



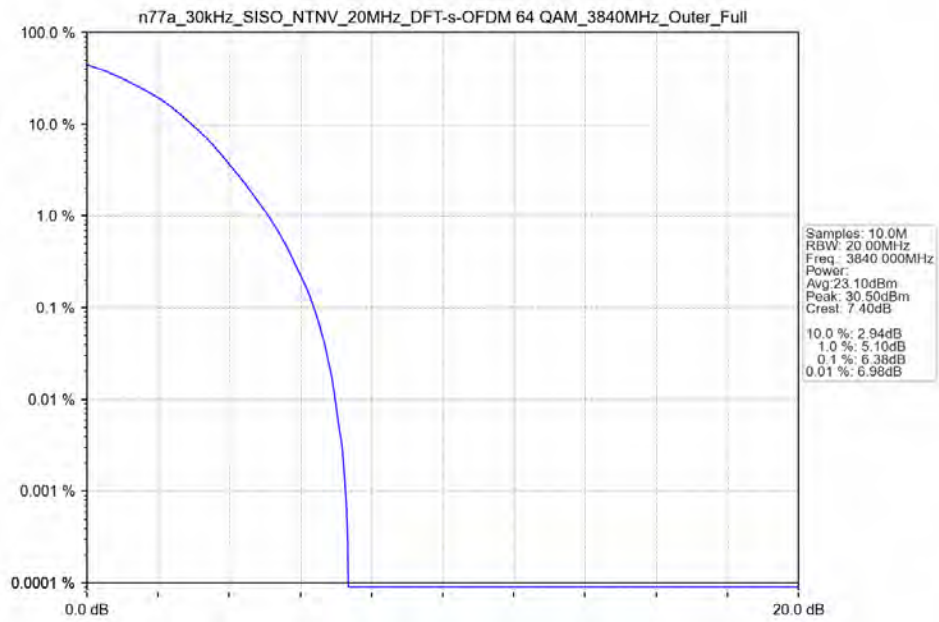
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3969.99MHz_Outer_Full_Ant13



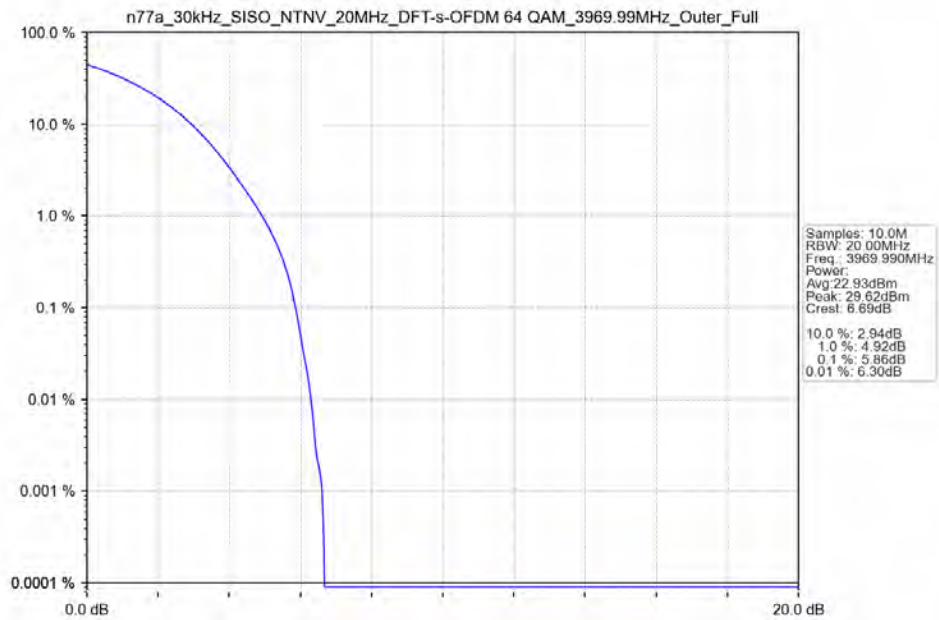
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3710.01MHz_Outer_Full_Ant13



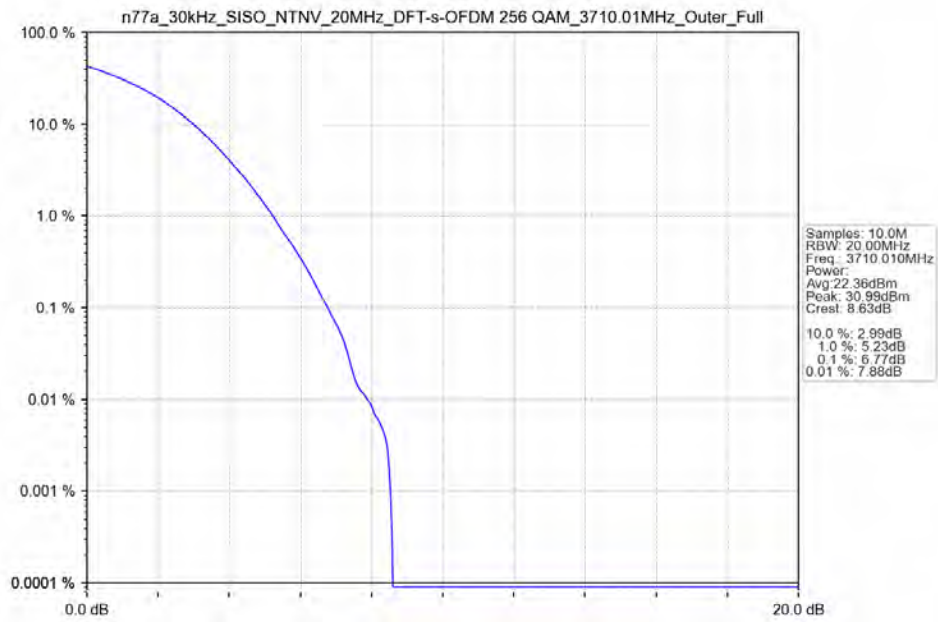
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



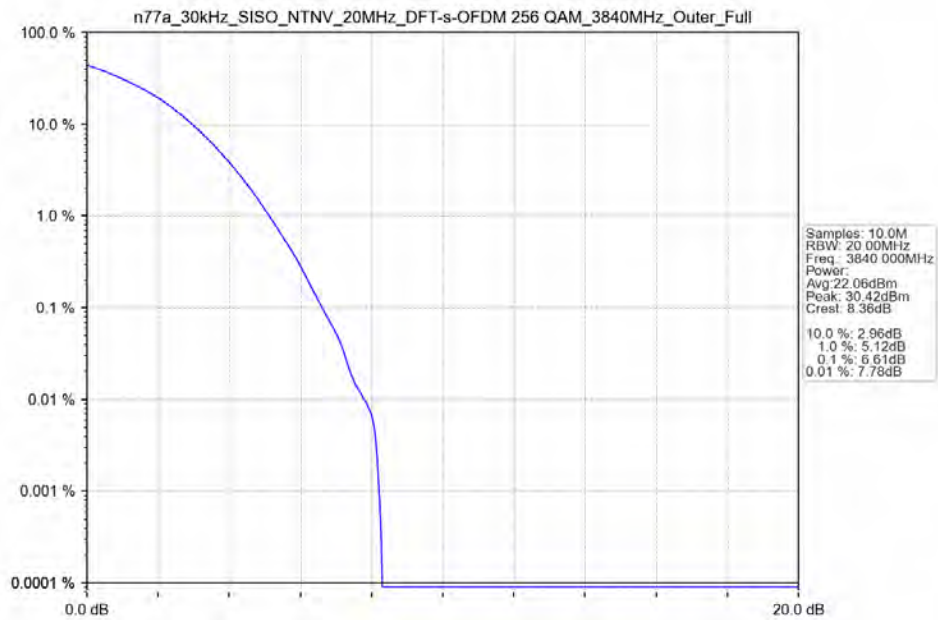
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3969.99MHz_Outer_Full_Ant13



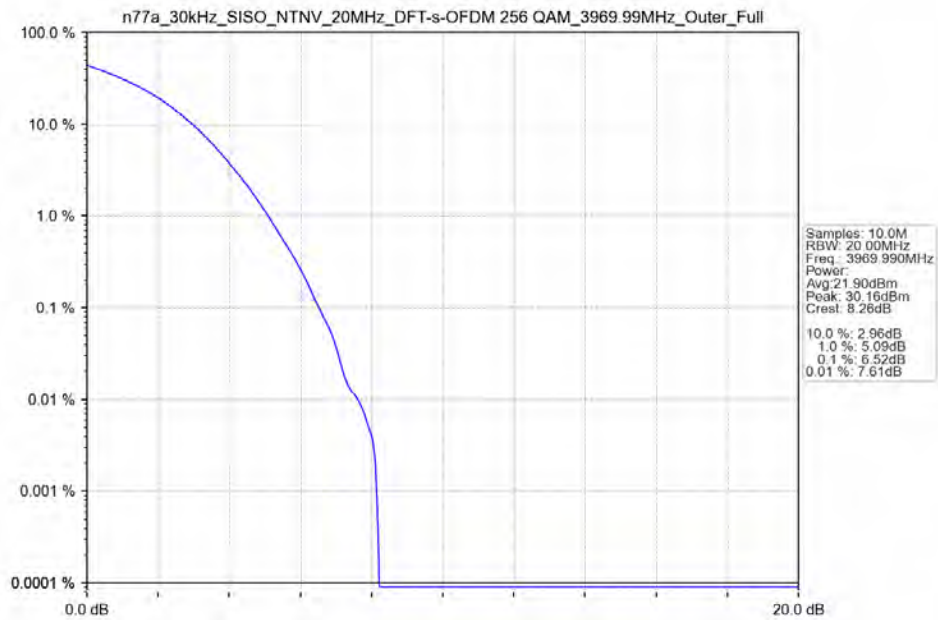
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3710.01MHz_Outer_Full_Ant13



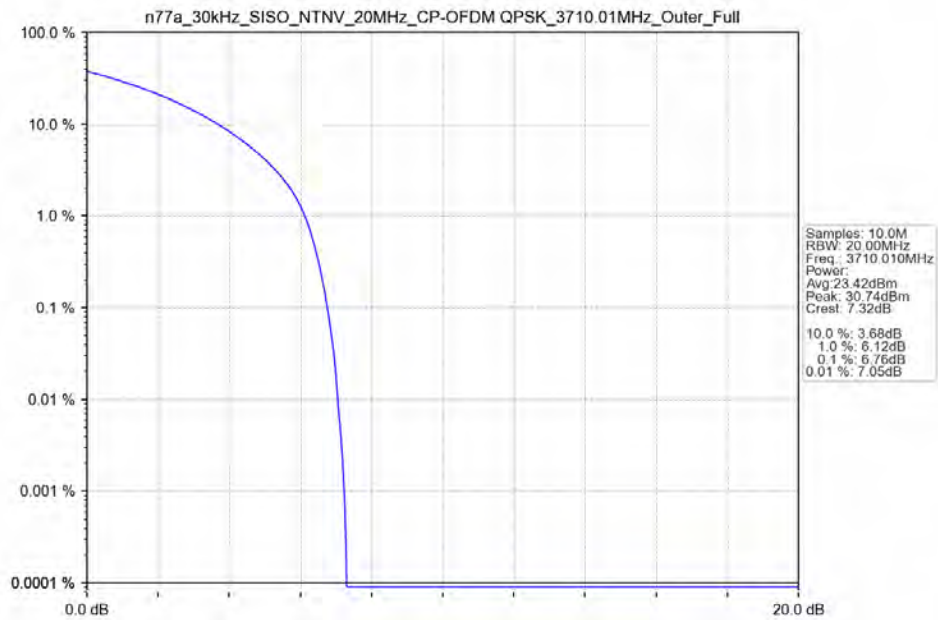
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



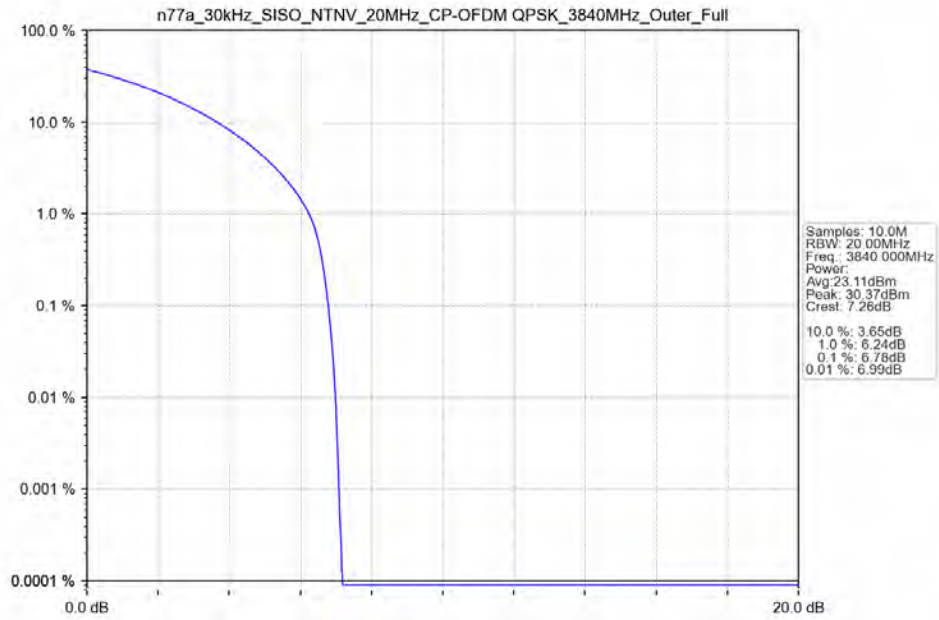
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3969.99MHz_Outer_Full_Ant13



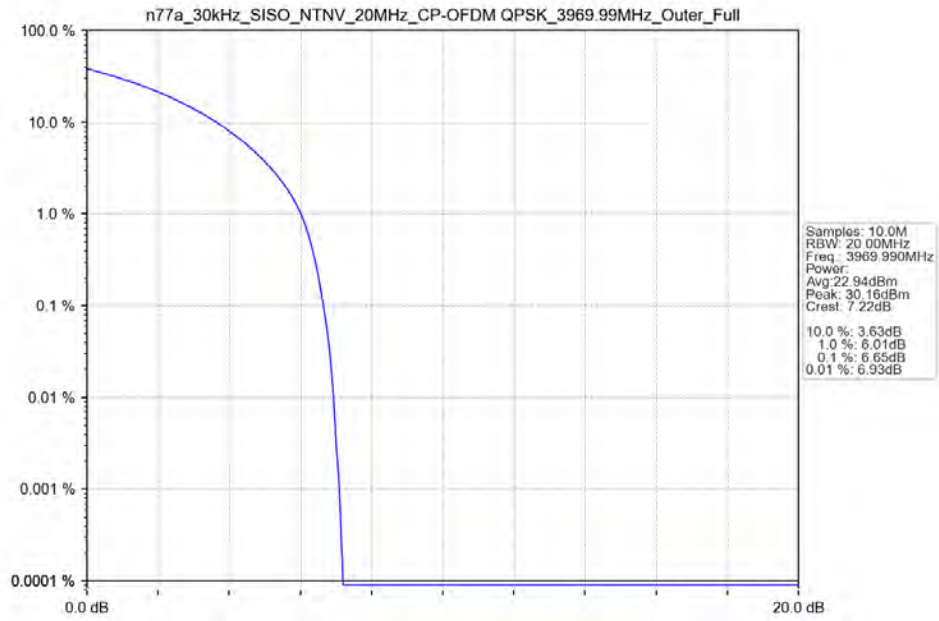
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full_Ant13



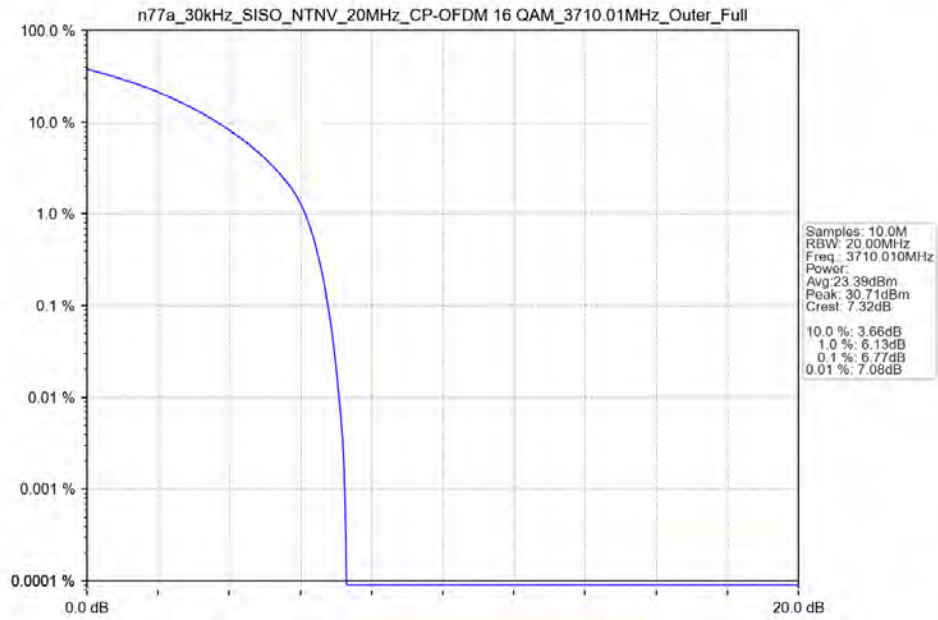
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



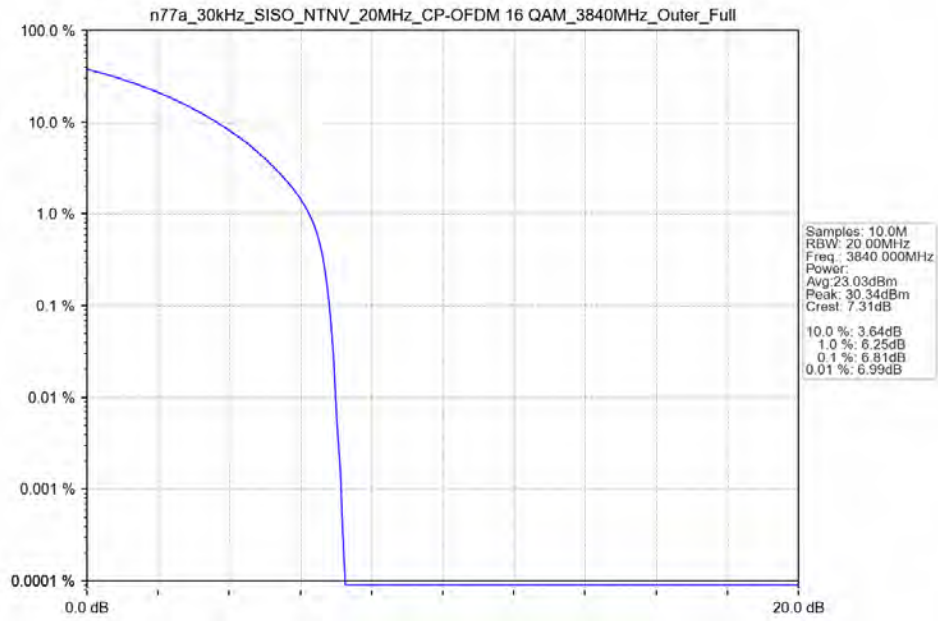
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Outer_Full_Ant13



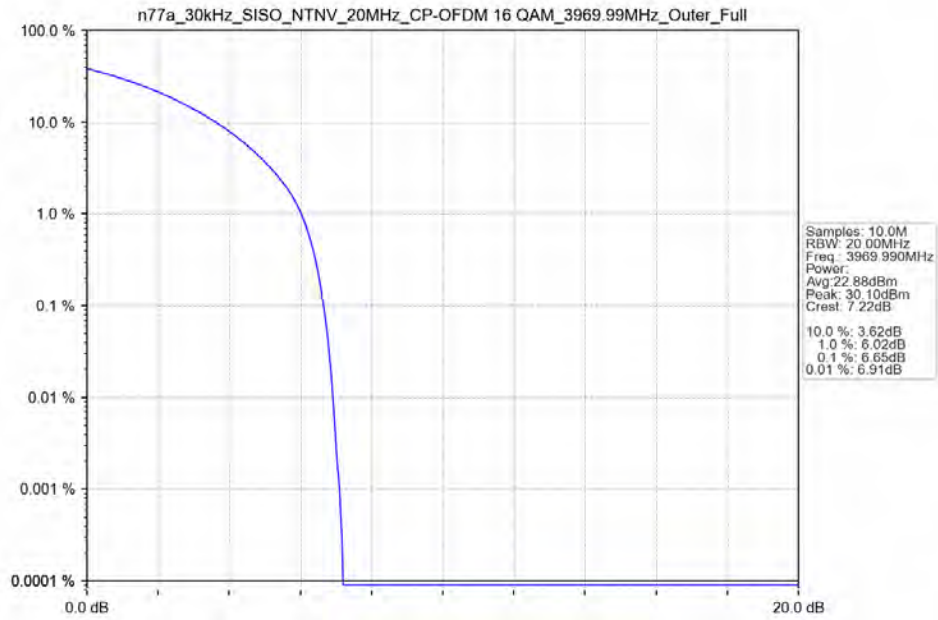
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3710.01MHz_Outer_Full_Ant13



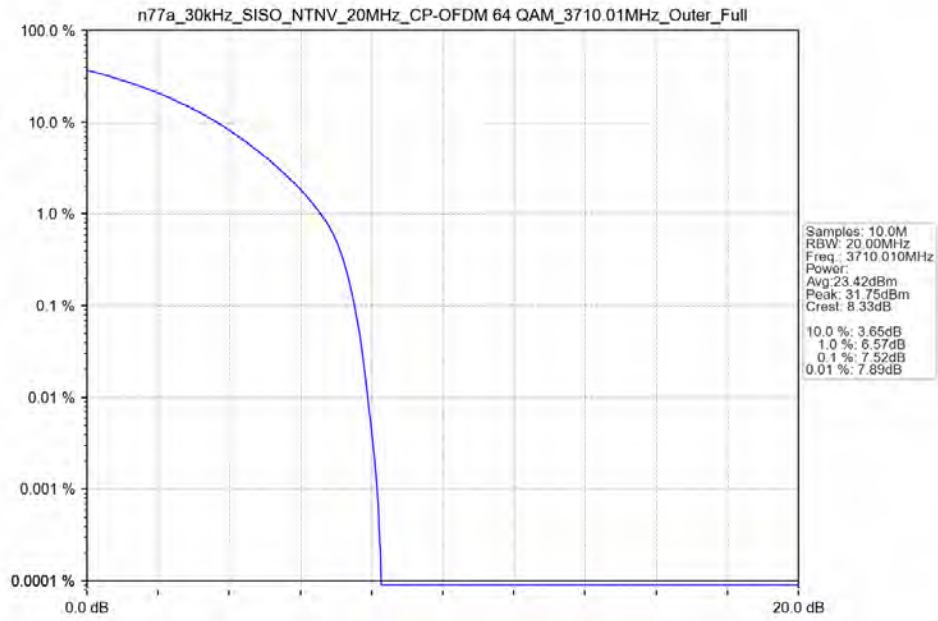
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



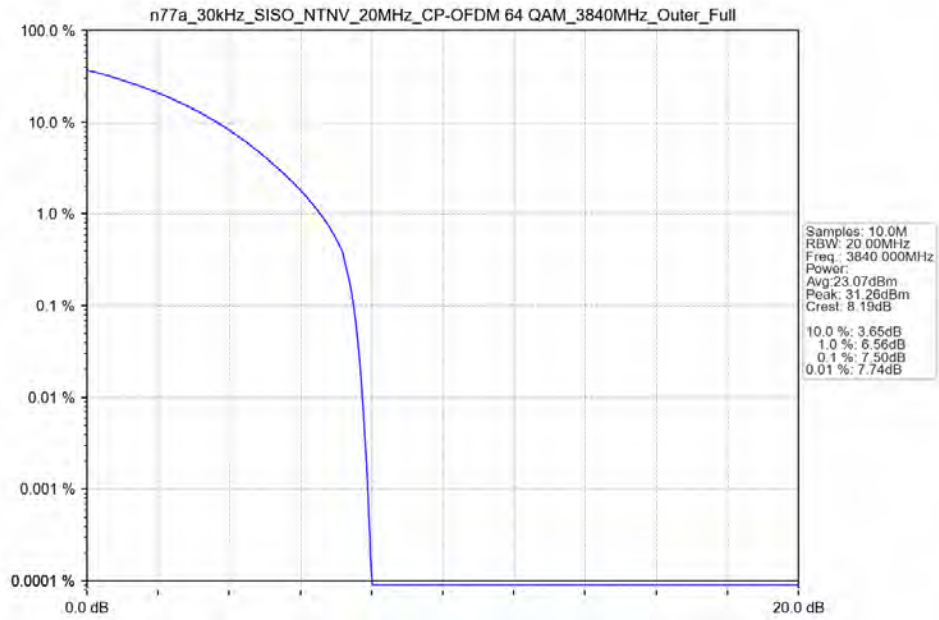
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3969.99MHz_Outer_Full_Ant13



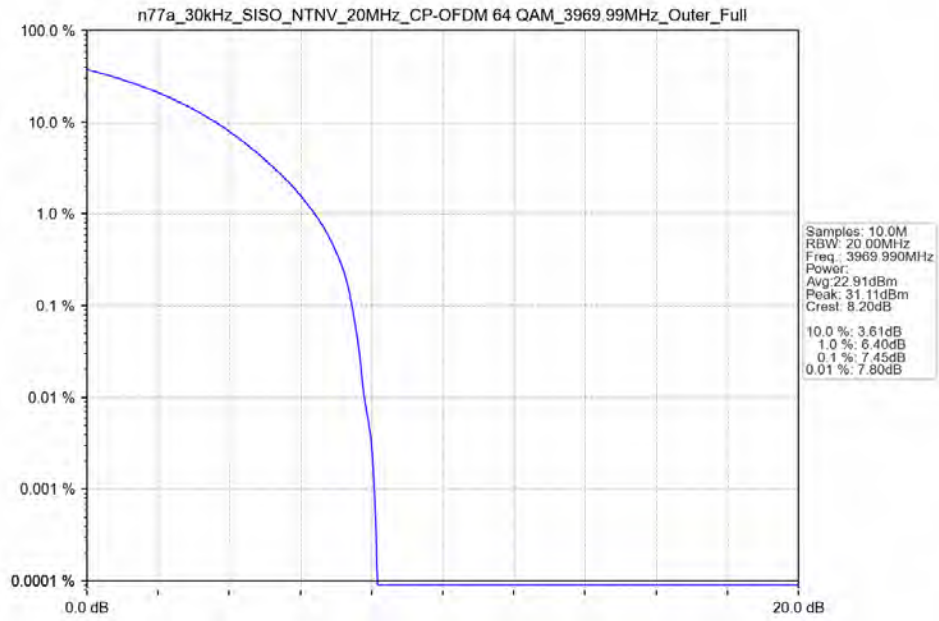
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3710.01MHz_Outer_Full_Ant13



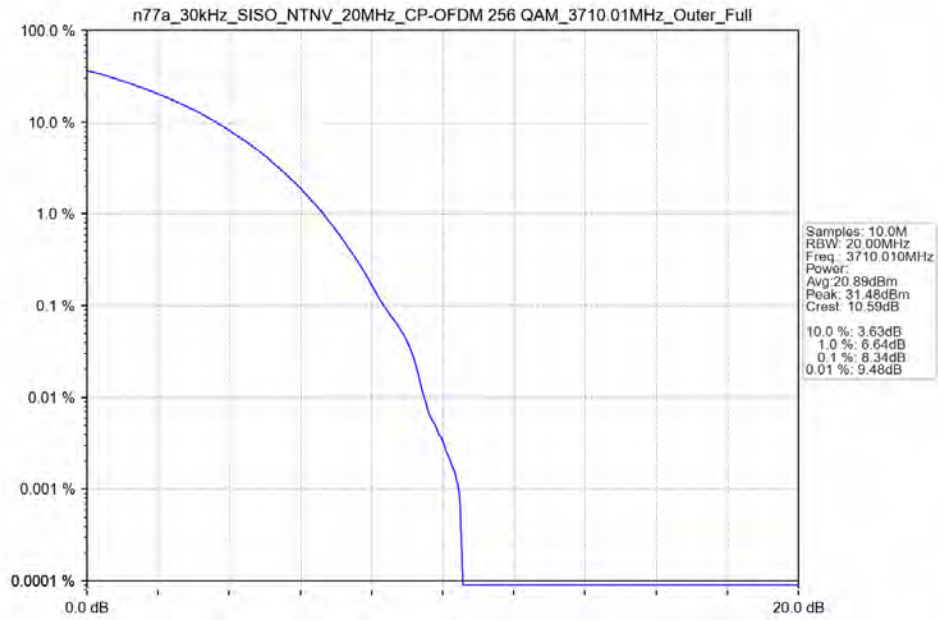
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



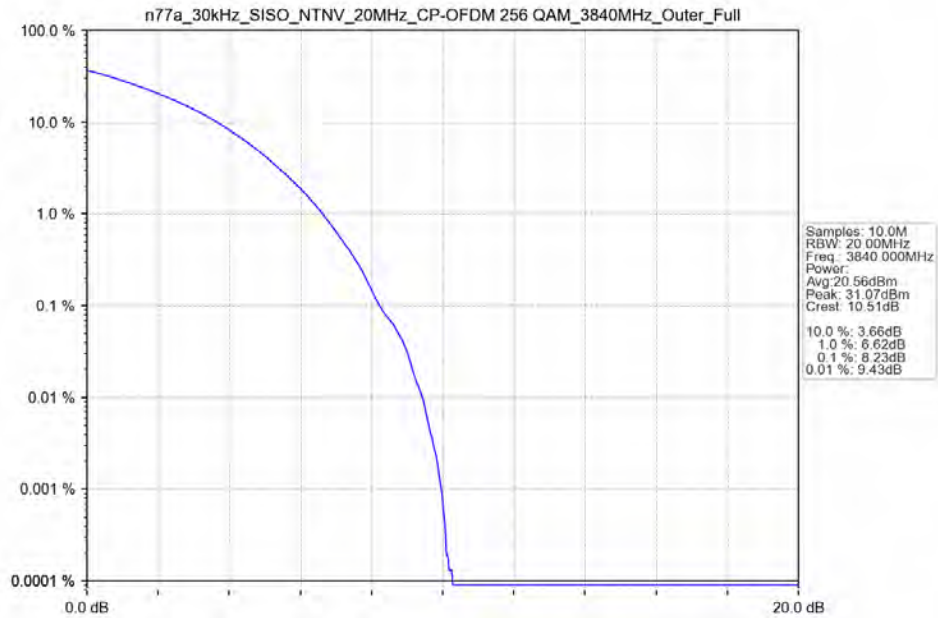
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3969.99MHz_Outer_Full_Ant13



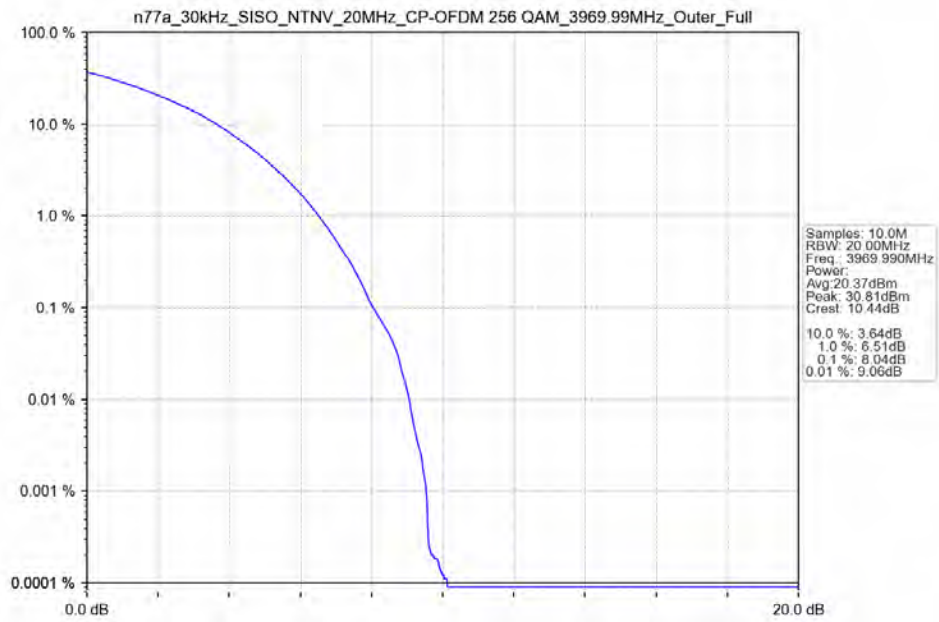
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3710.01MHz_Outer_Full_Ant13



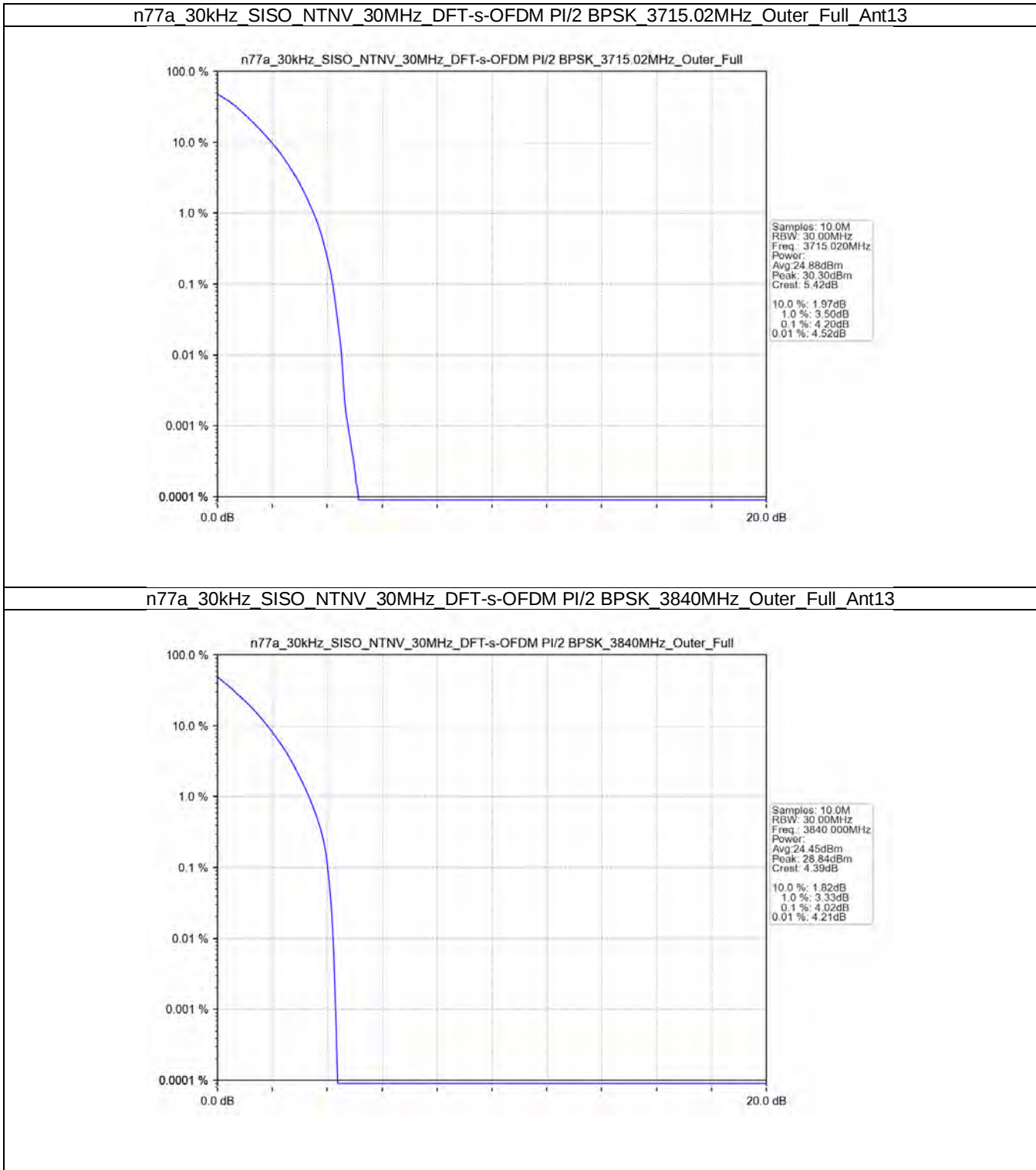
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



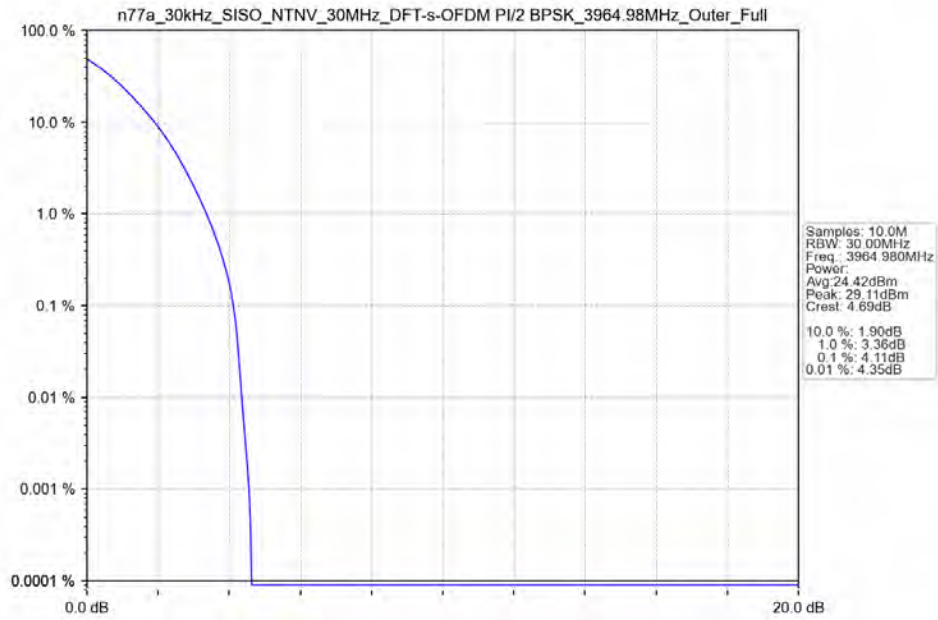
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3969.99MHz_Outer_Full_Ant13



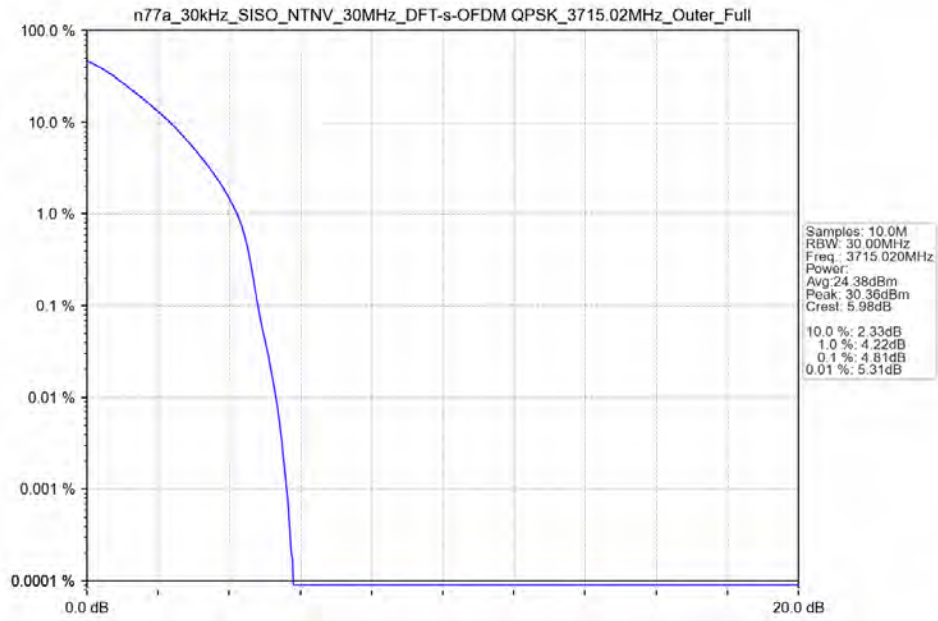
4.2.4 30k_SISO_30MHz_NTNV



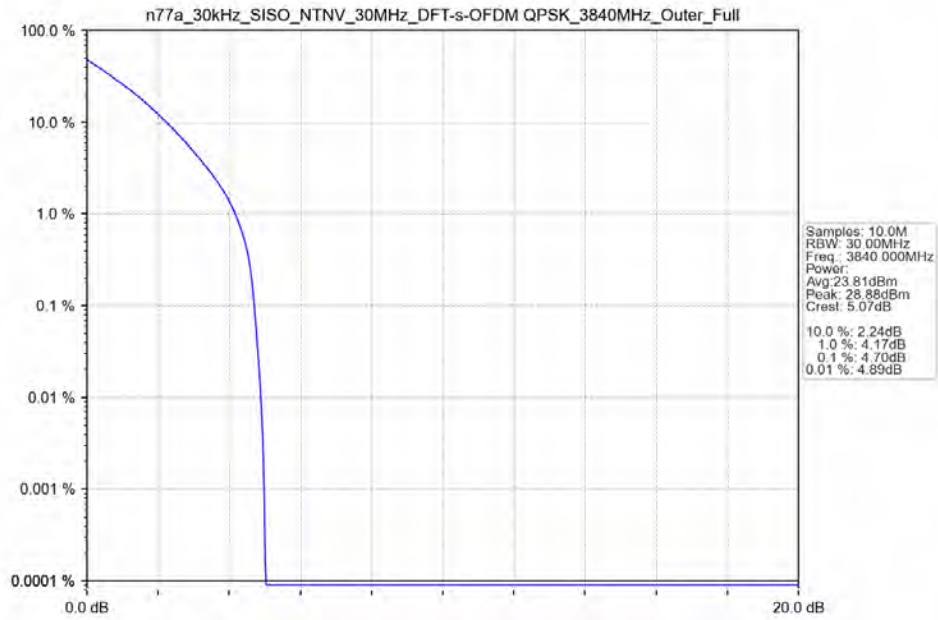
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3964.98MHz Outer Full Ant13



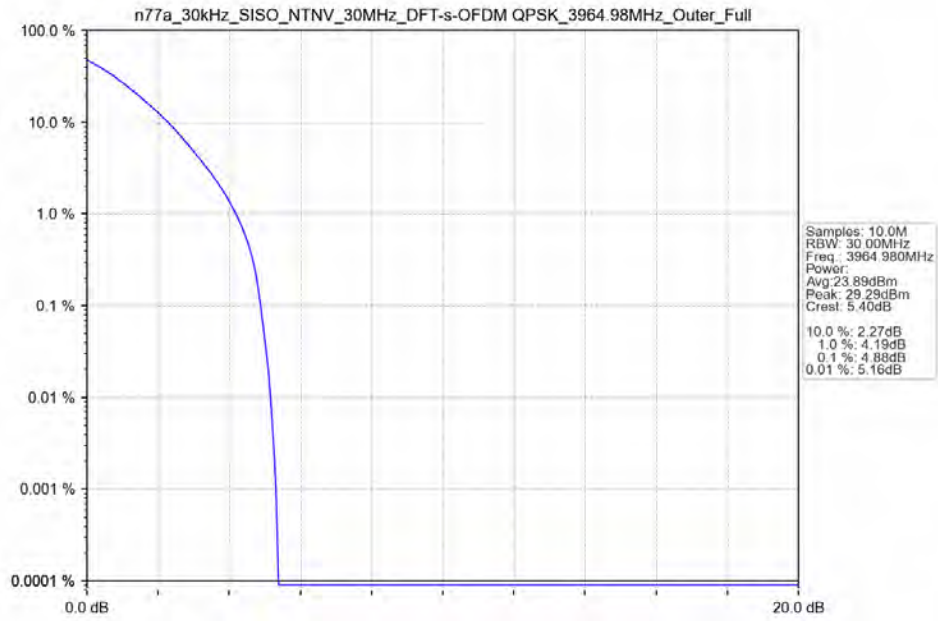
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK 3715.02MHz_Outer_Full_Ant13



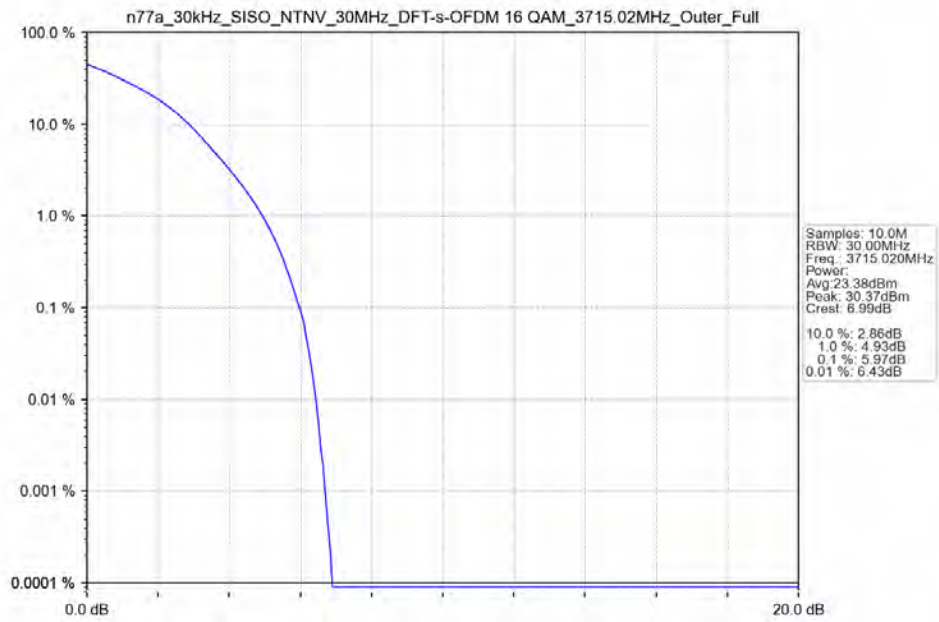
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



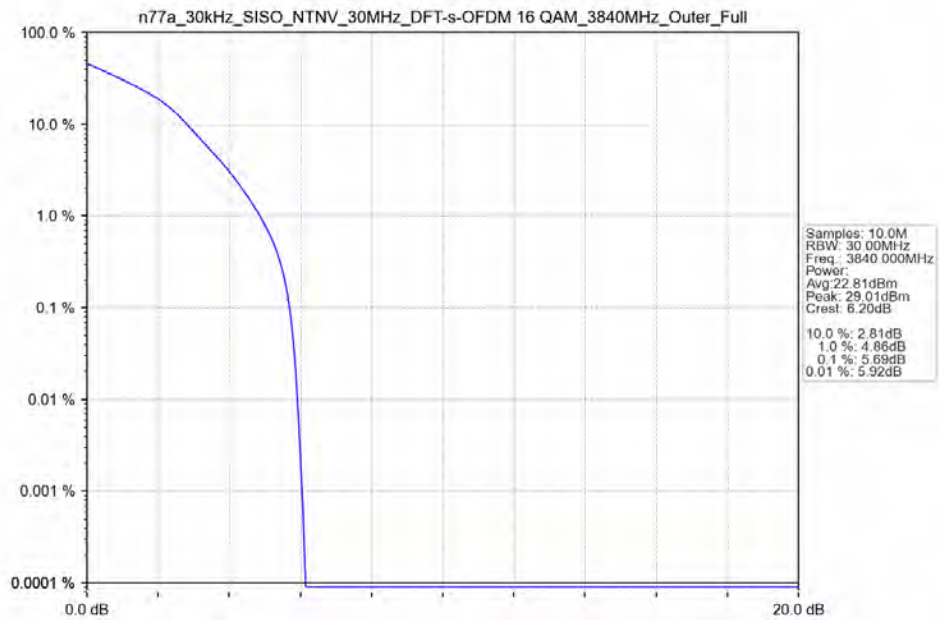
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Outer_Full_Ant13



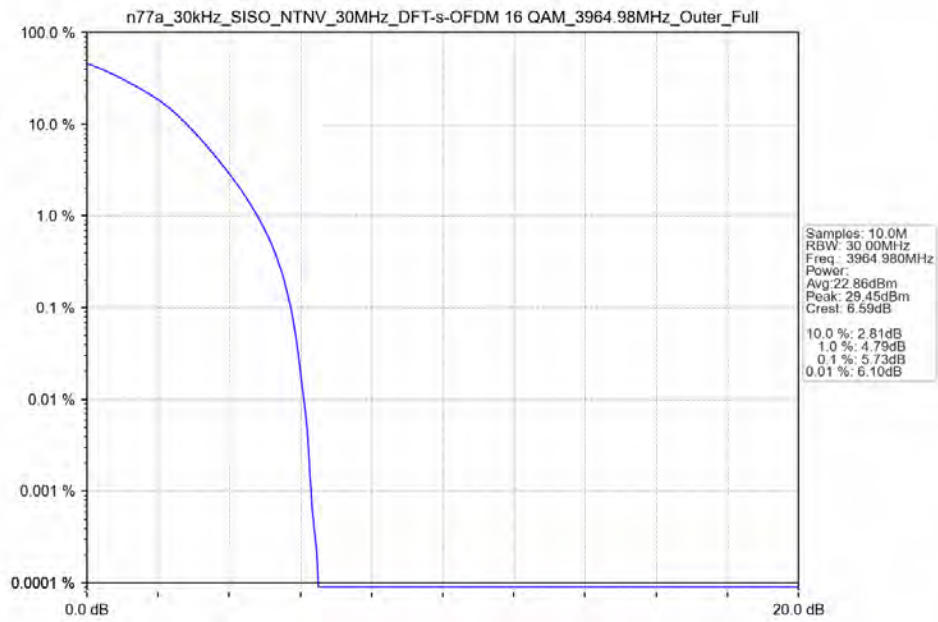
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3715.02MHz_Outer_Full_Ant13



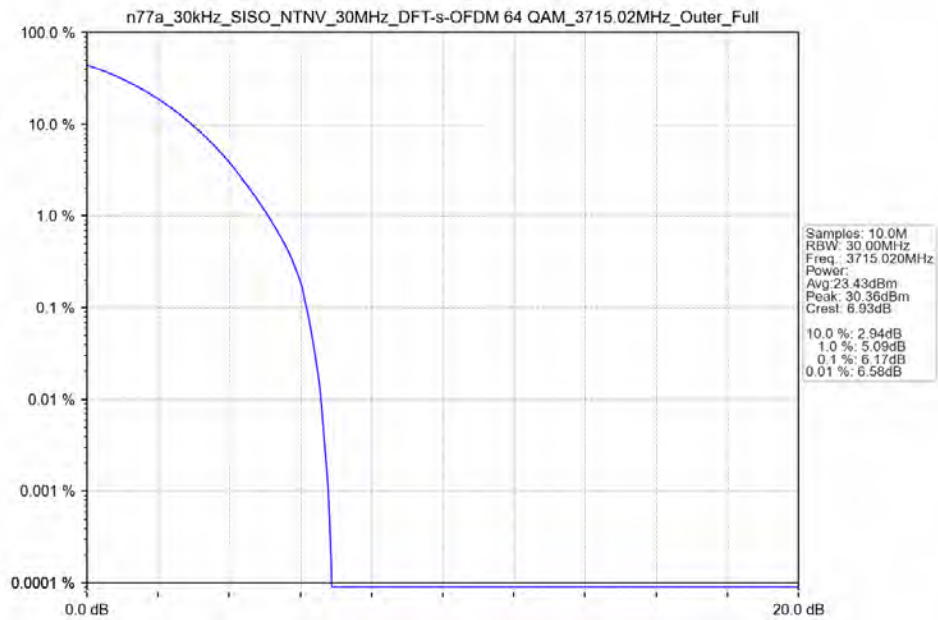
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



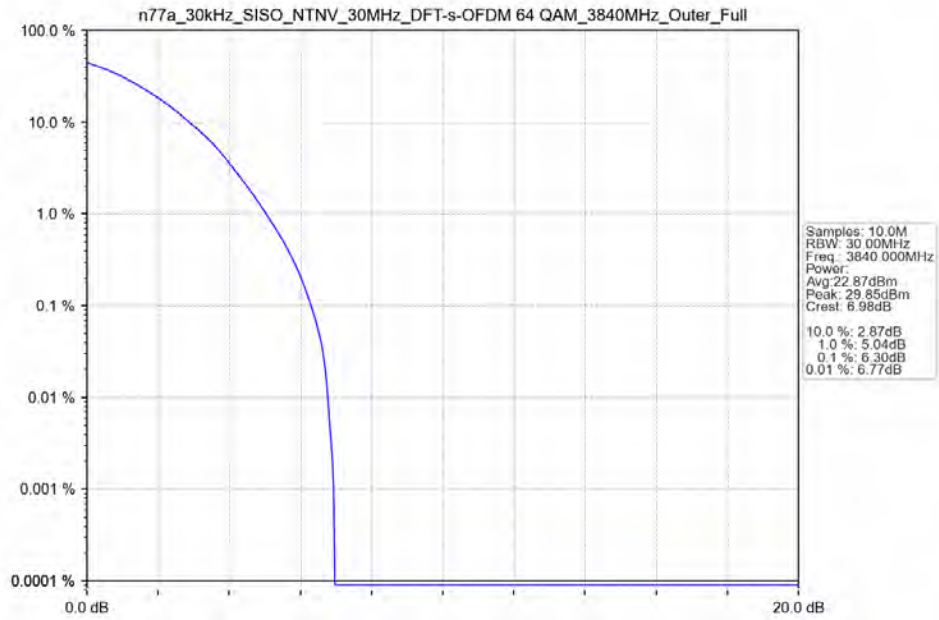
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3964.98MHz_Outer_Full_Ant13



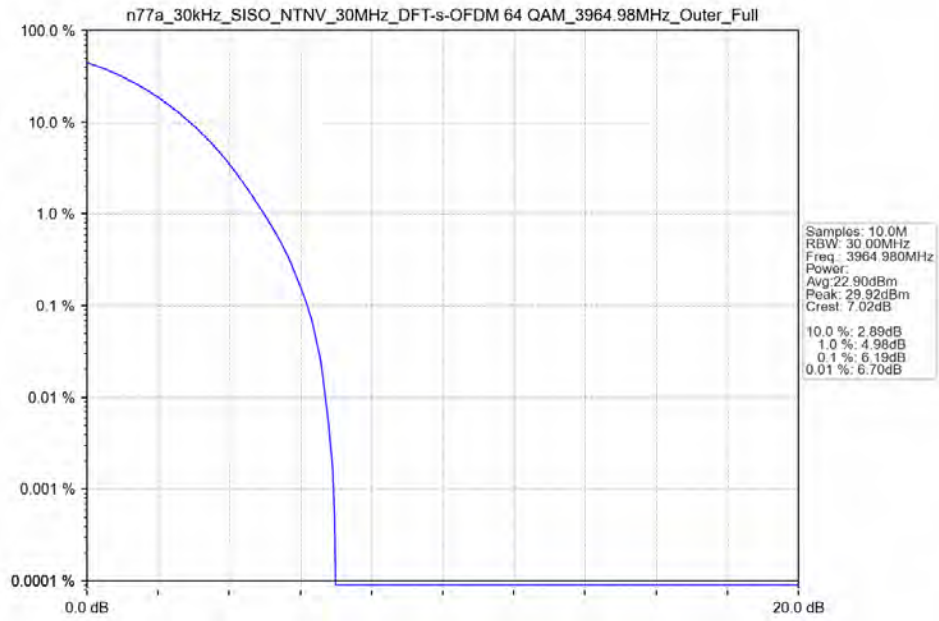
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3715.02MHz_Outer_Full_Ant13



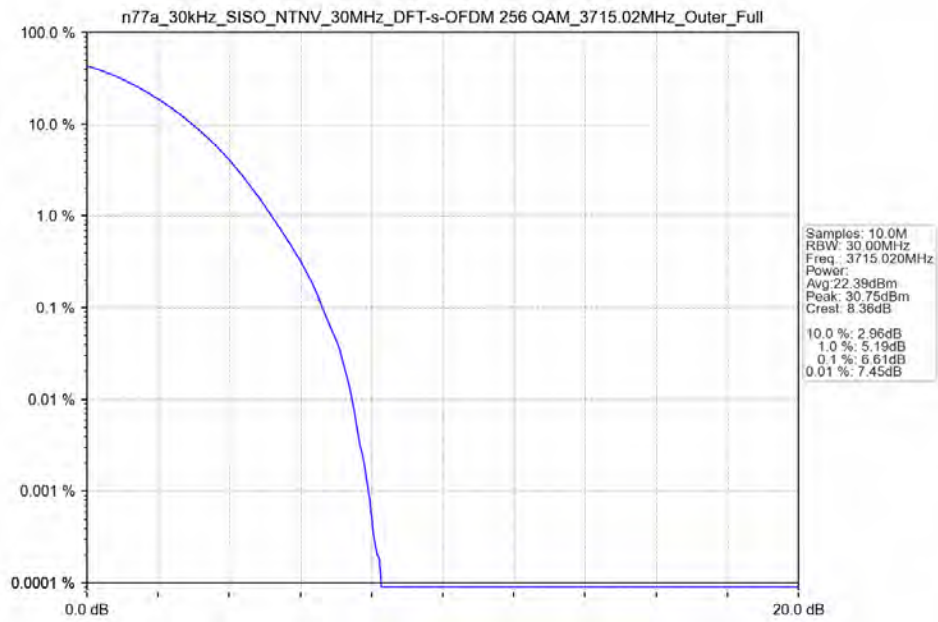
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



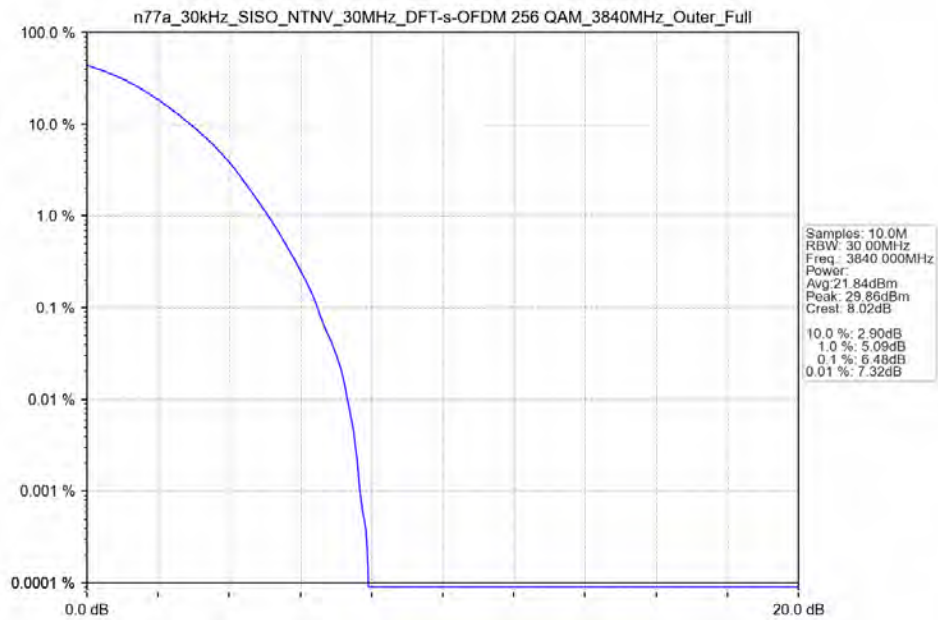
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3964.98MHz_Outer_Full_Ant13



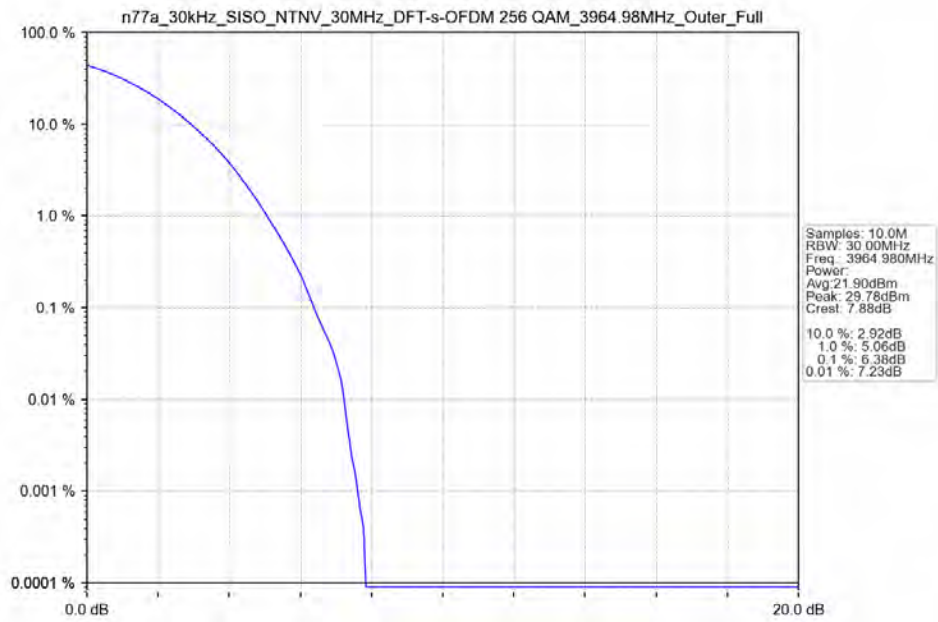
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_3715.02MHz_Outer_Full_Ant13



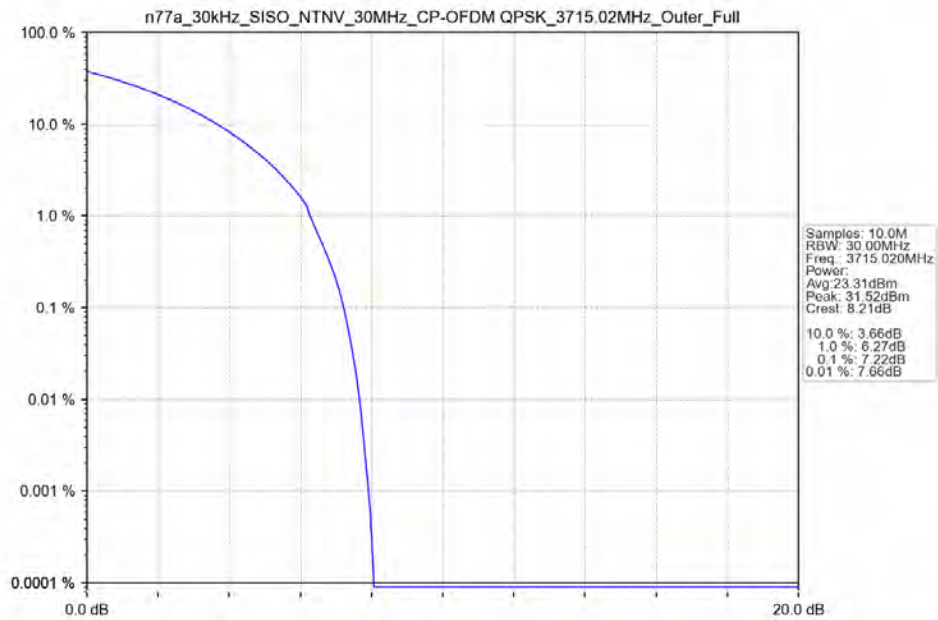
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



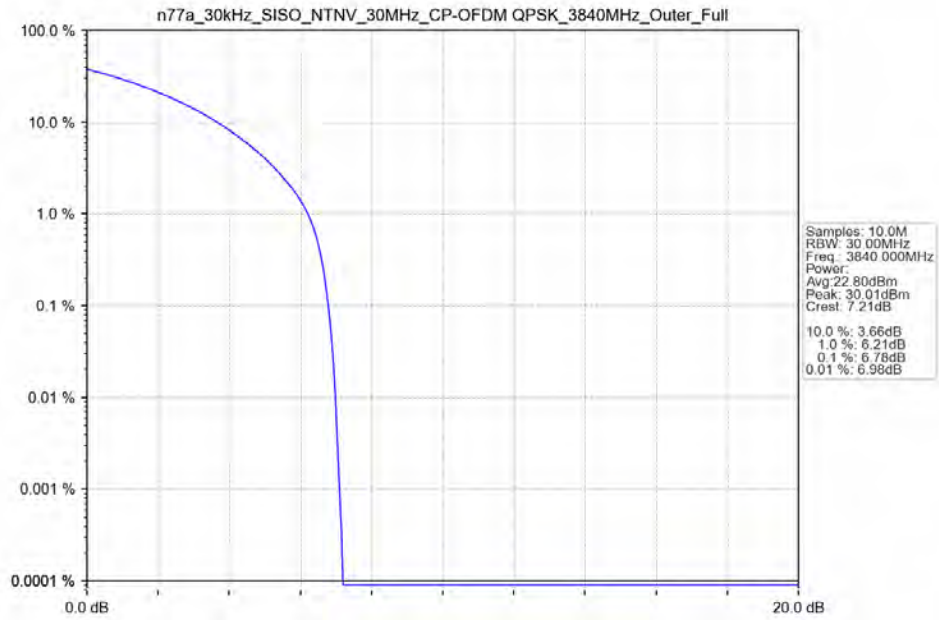
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_3964.98MHz_Outer_Full_Ant13



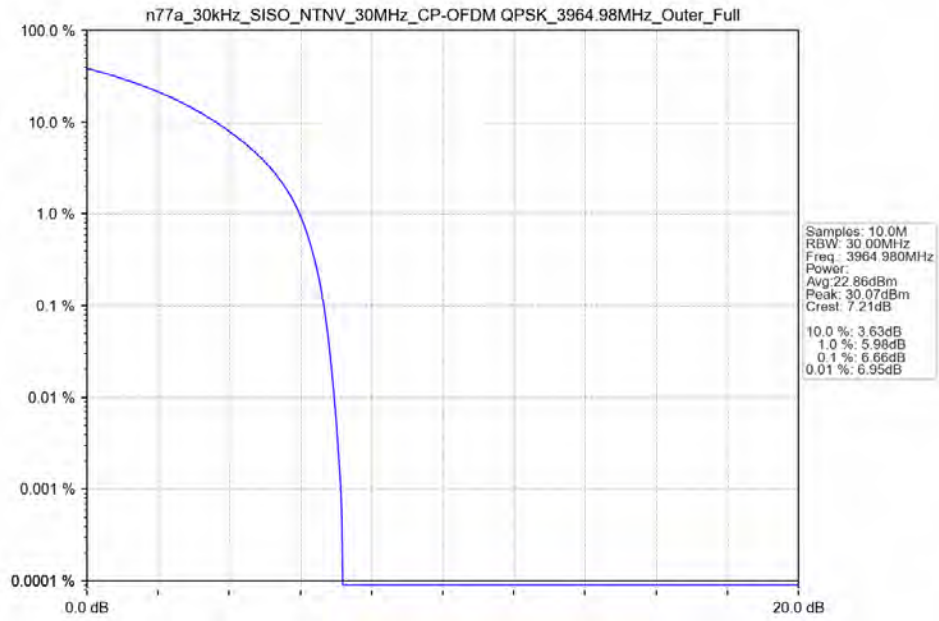
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Outer_Full_Ant13



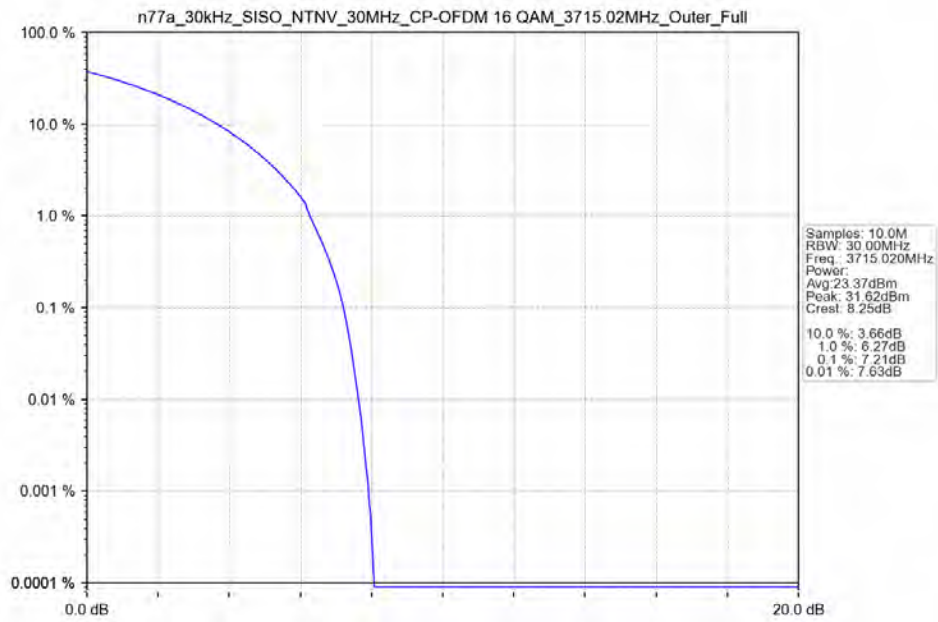
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



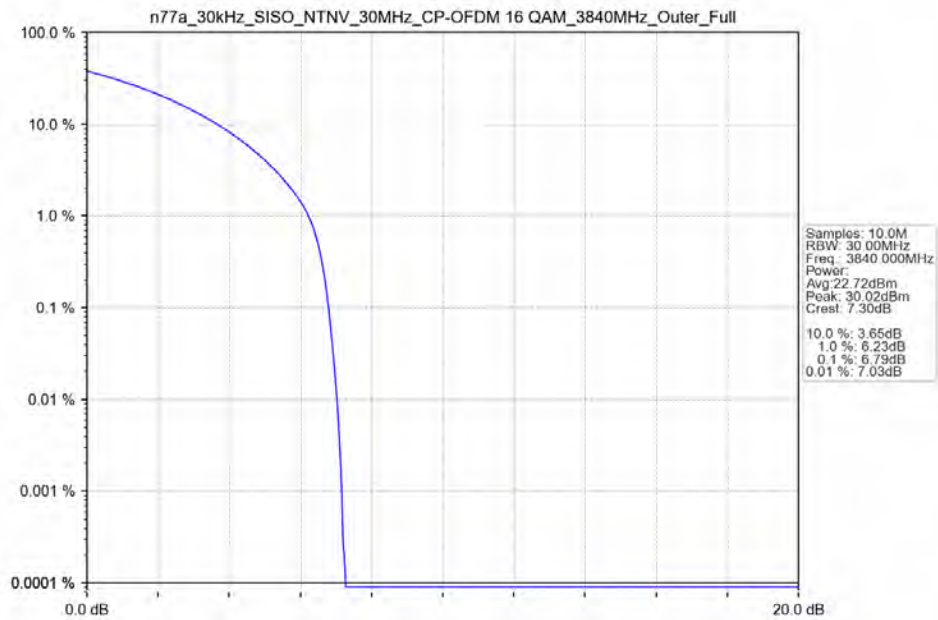
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3964.98MHz_Outer_Full_Ant13



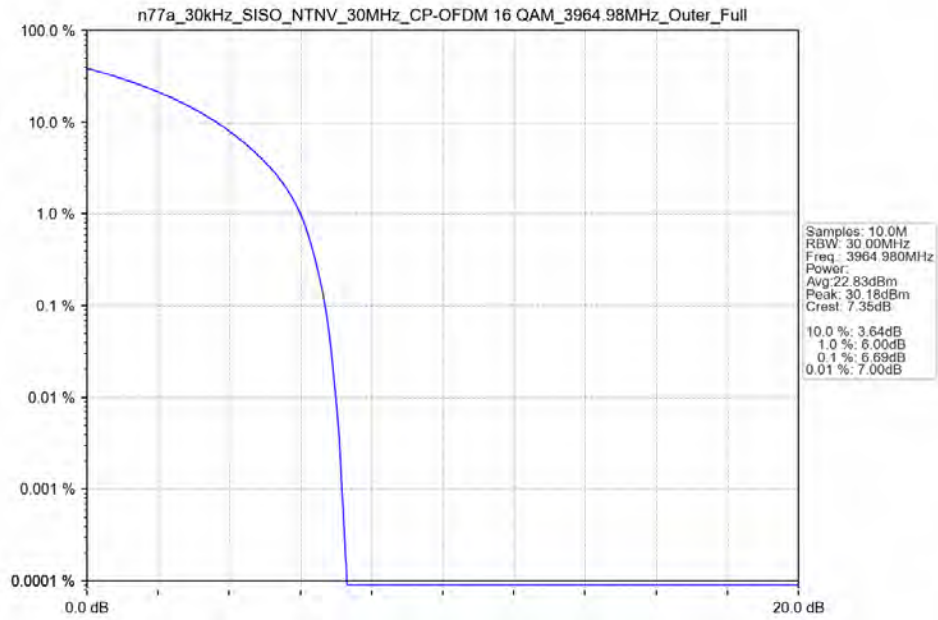
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_3715.02MHz_Outer_Full_Ant13



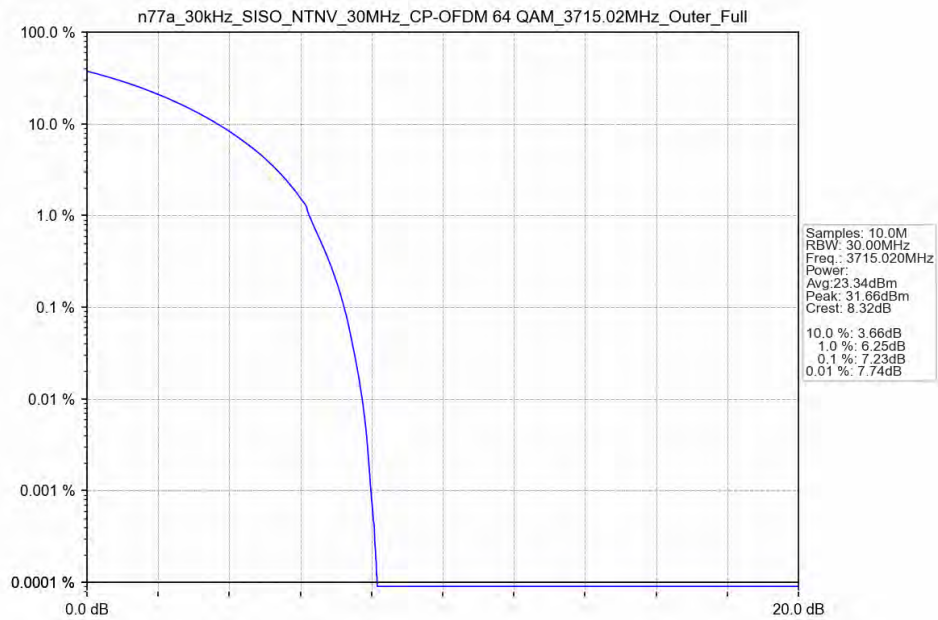
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



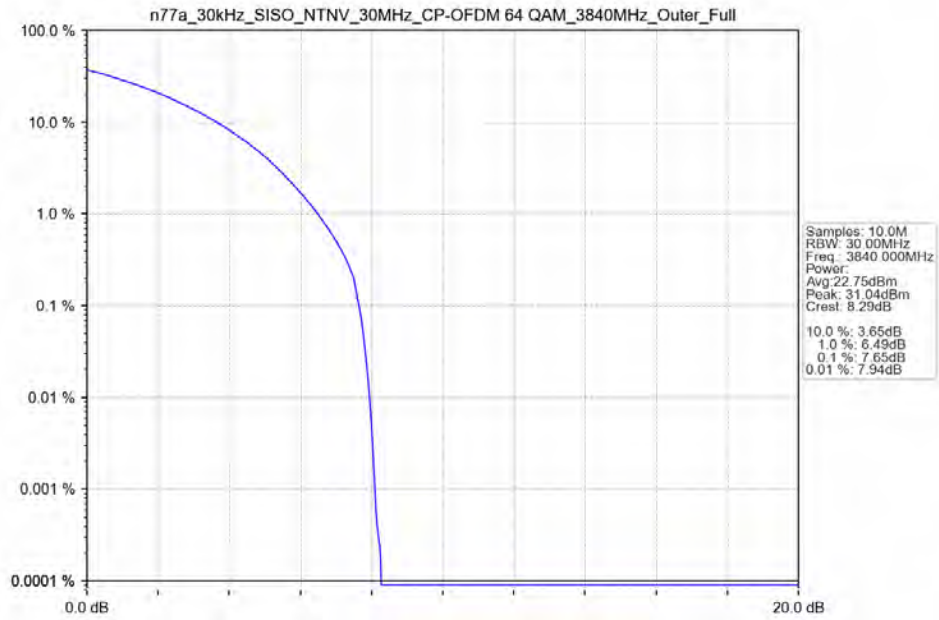
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_3964.98MHz_Outer_Full_Ant13



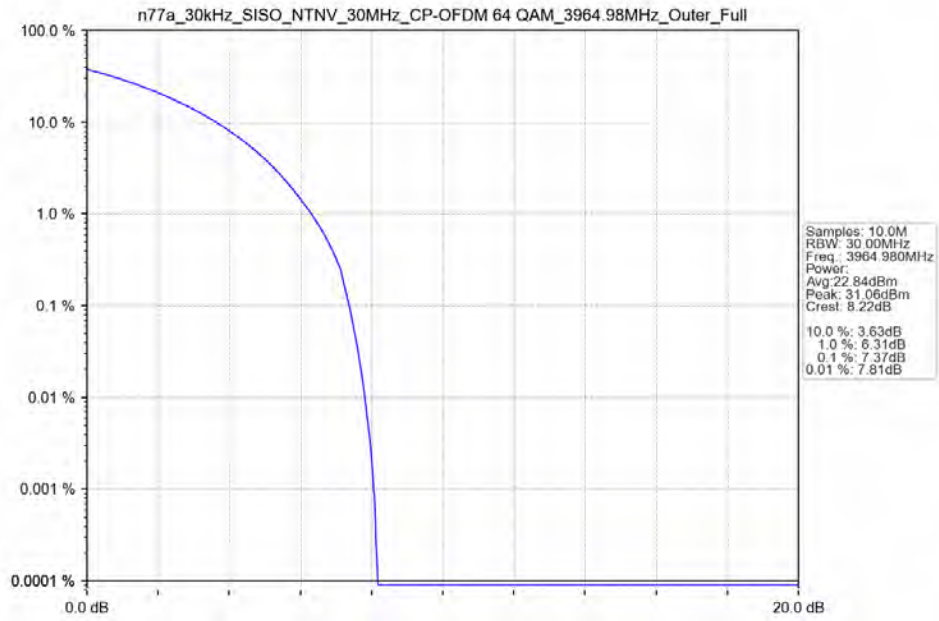
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3715.02MHz_Outer_Full_Ant13



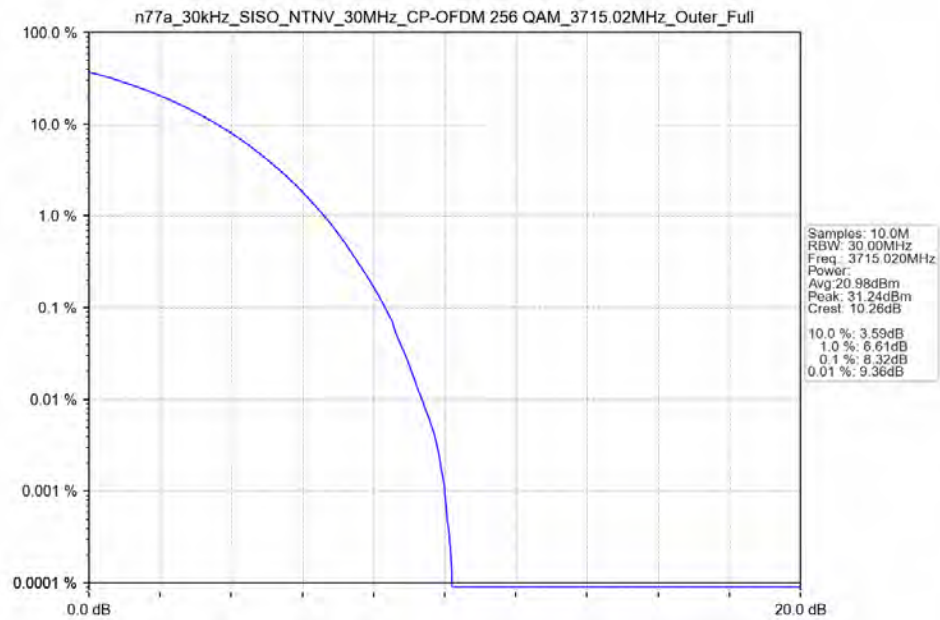
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



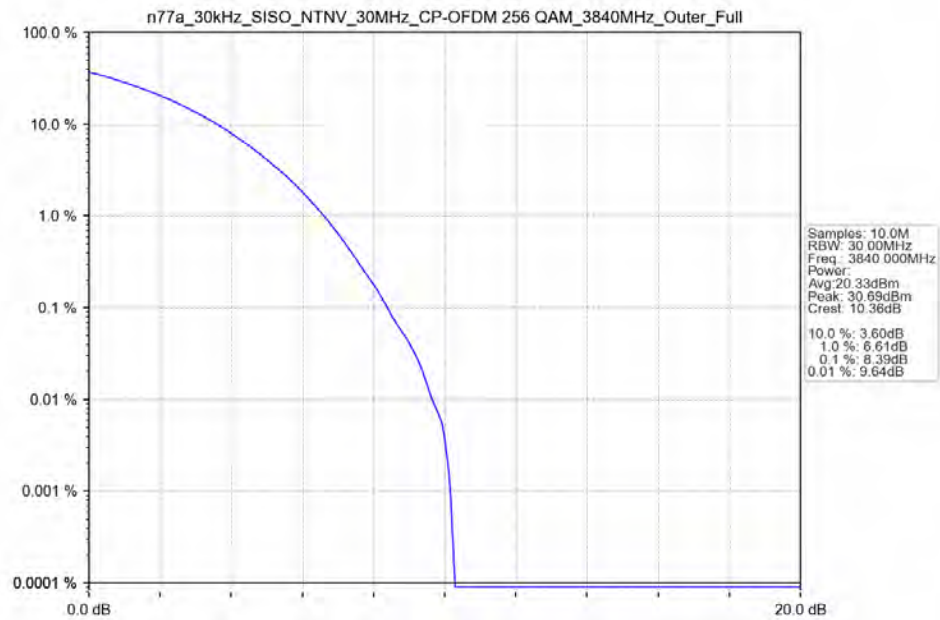
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3964.98MHz_Outer_Full_Ant13



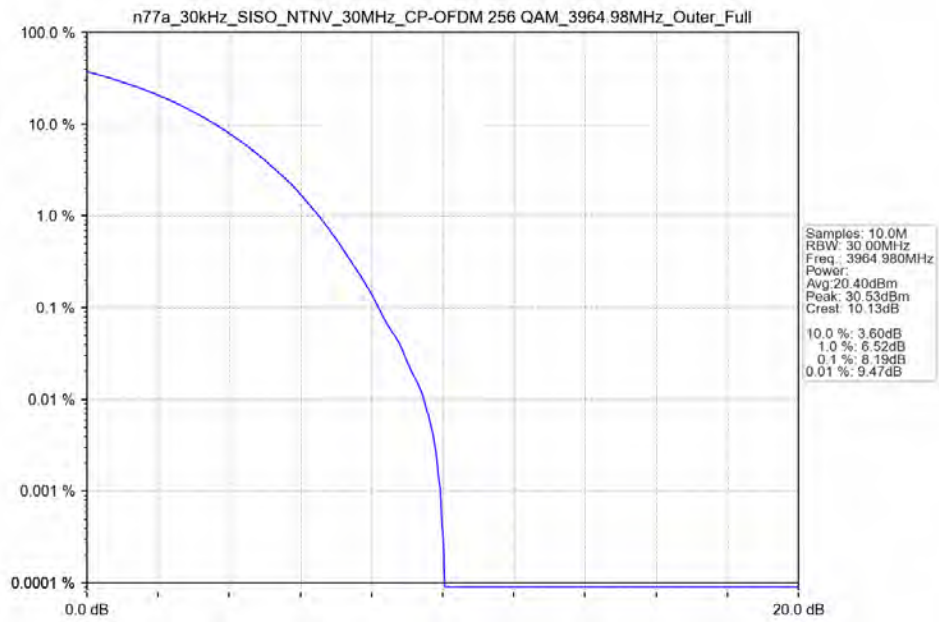
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3715.02MHz_Outer_Full_Ant13



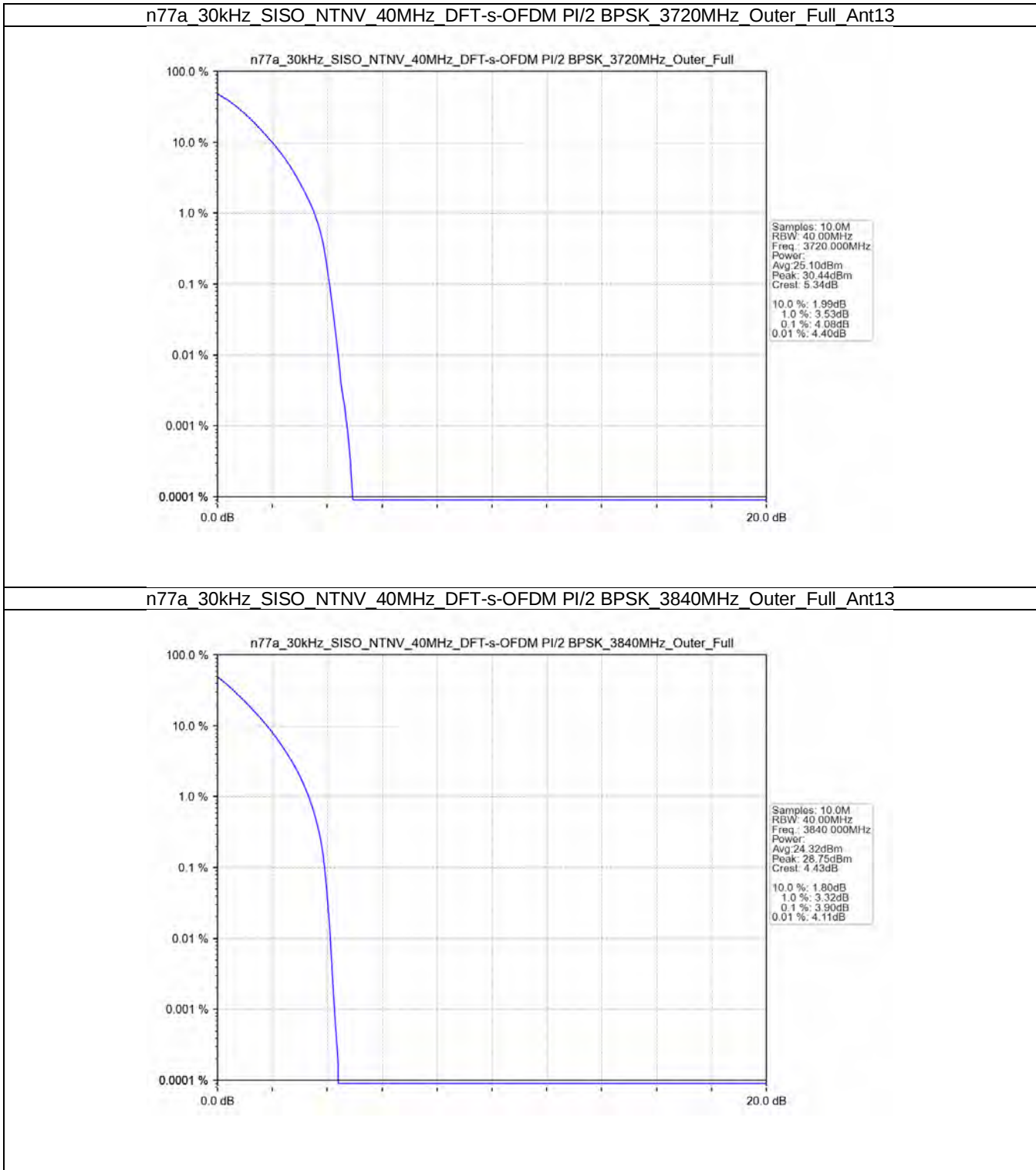
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



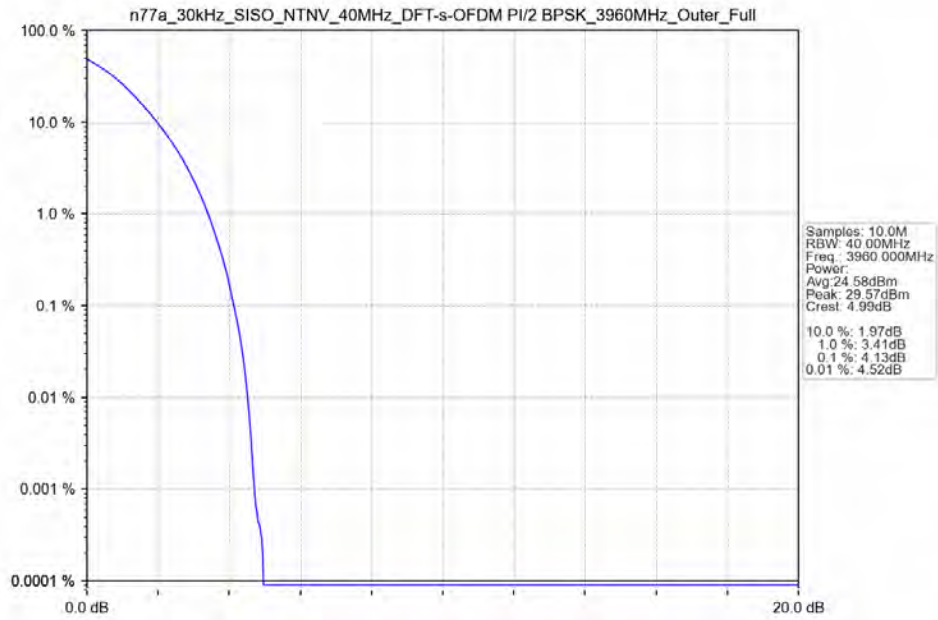
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3964.98MHz_Outer_Full_Ant13



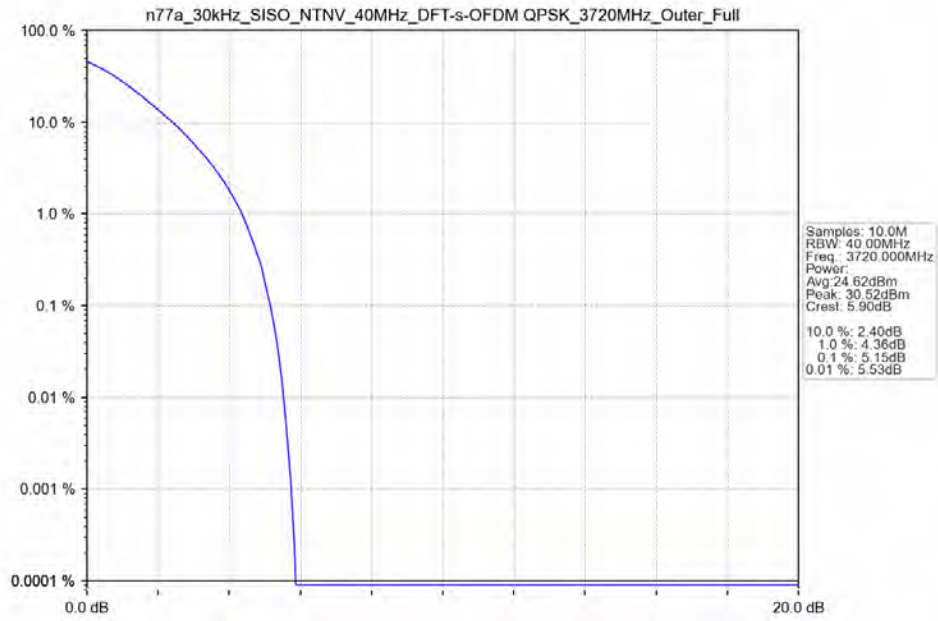
4.2.5 30k_SISO_40MHz_NTNV



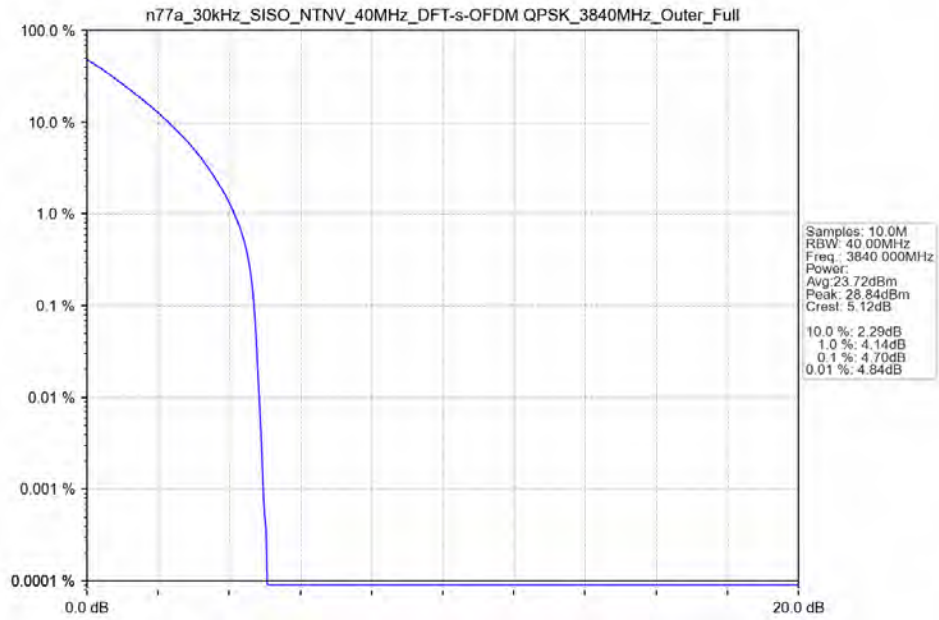
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3960MHz_Outer_Full_Ant13



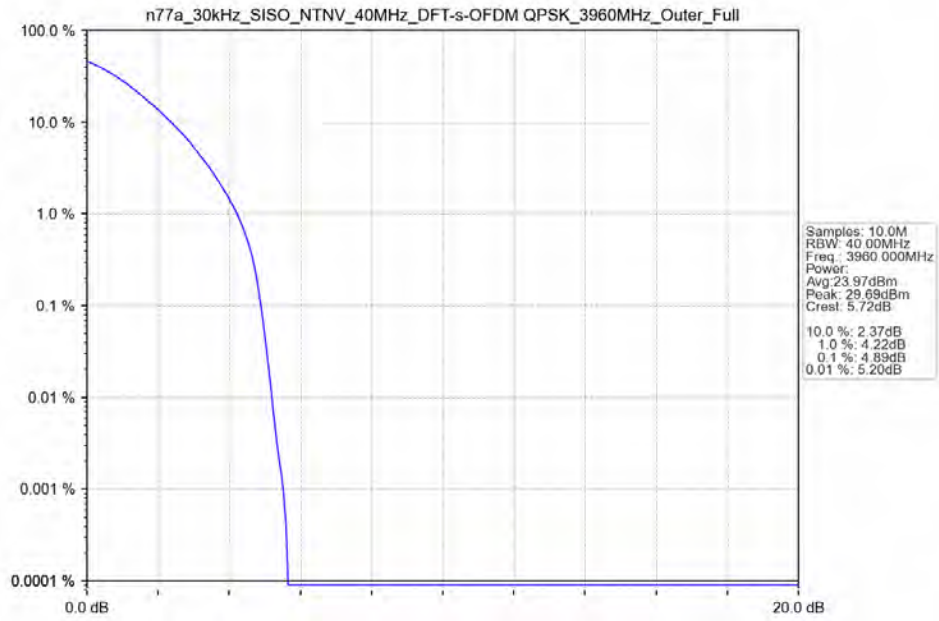
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3720MHz_Outer_Full_Ant13



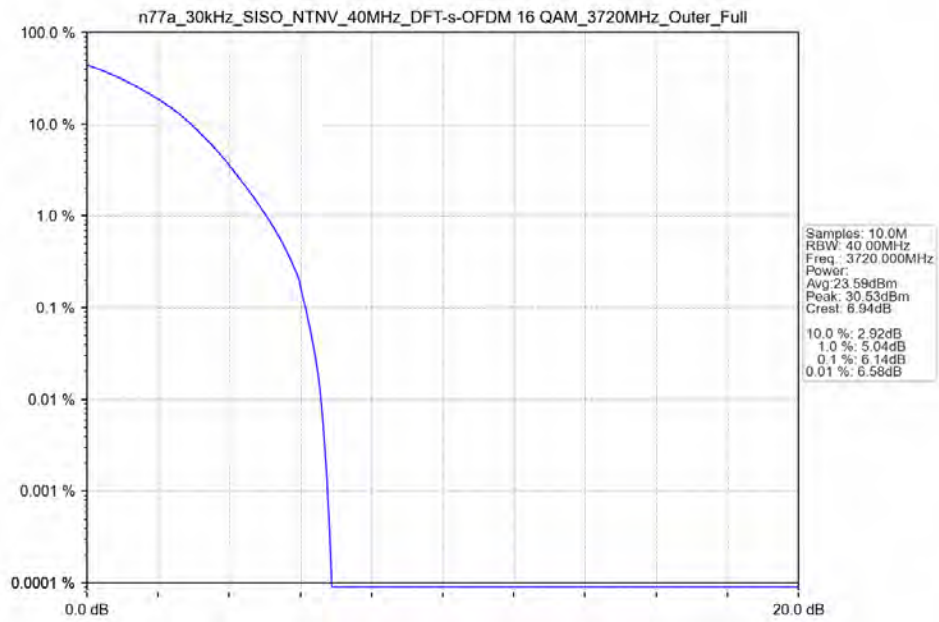
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant13



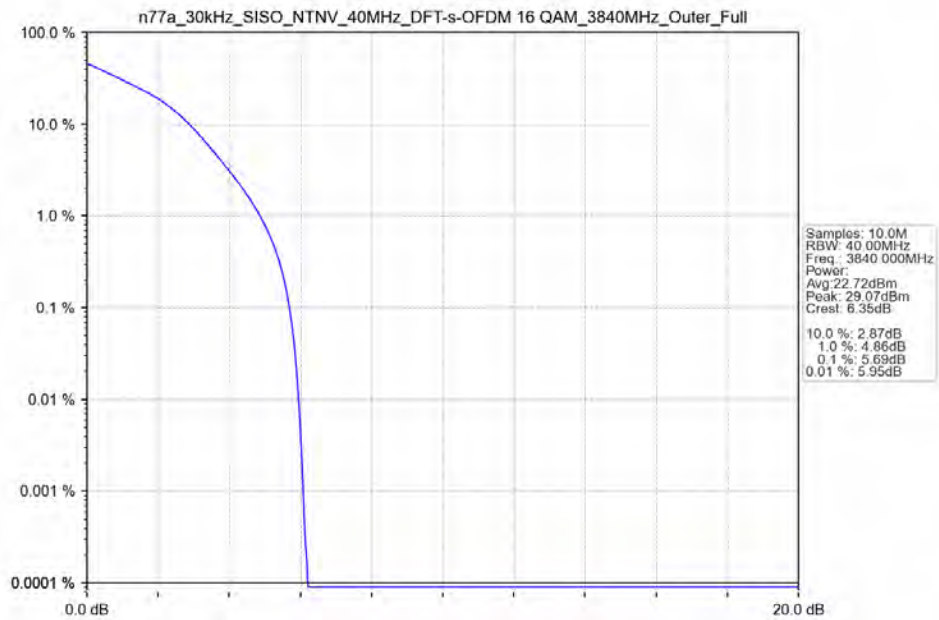
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Outer_Full_Ant13



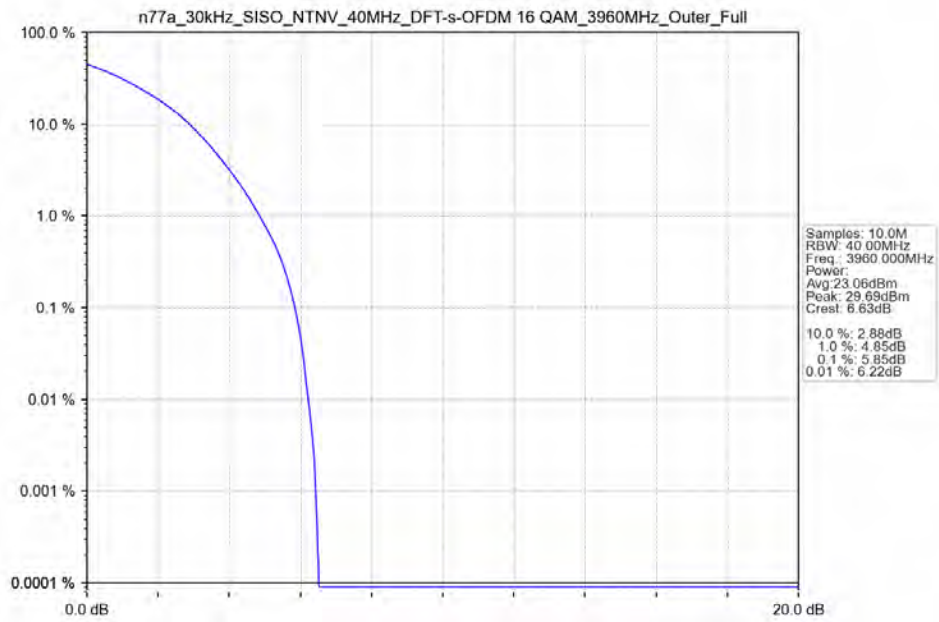
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3720MHz_Outer_Full_Ant13



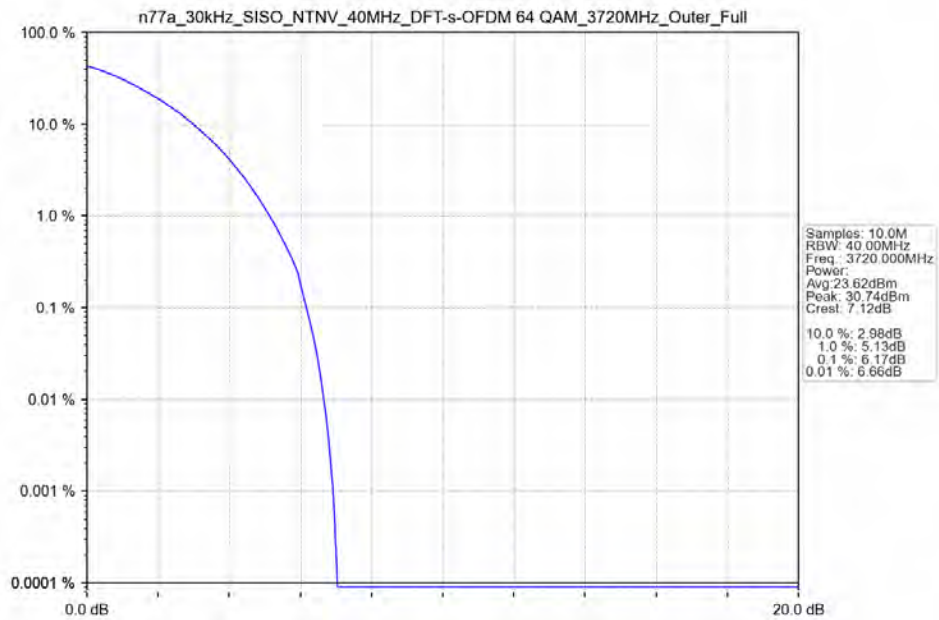
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



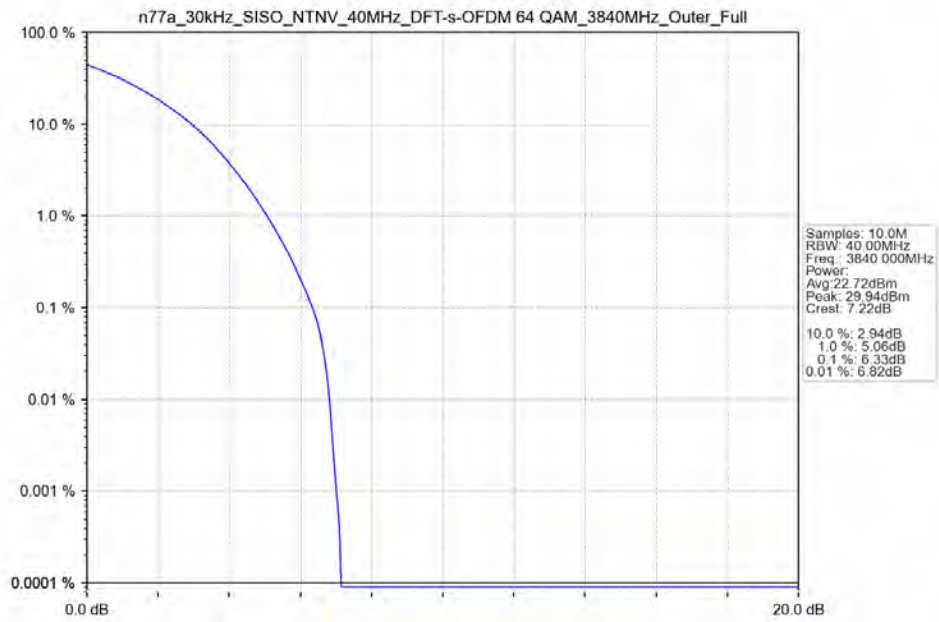
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3960MHz_Outer_Full_Ant13



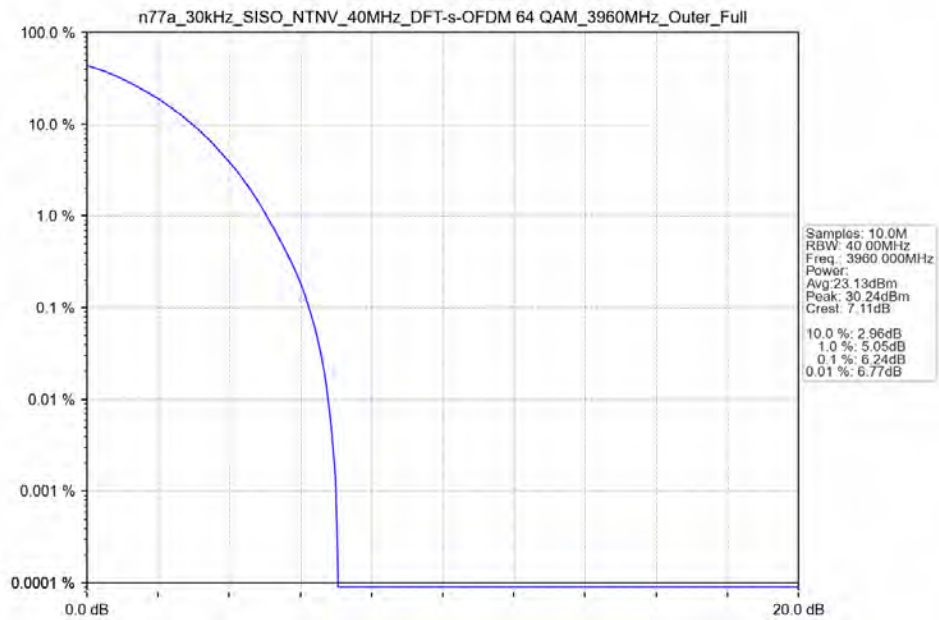
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3720MHz_Outer_Full_Ant13



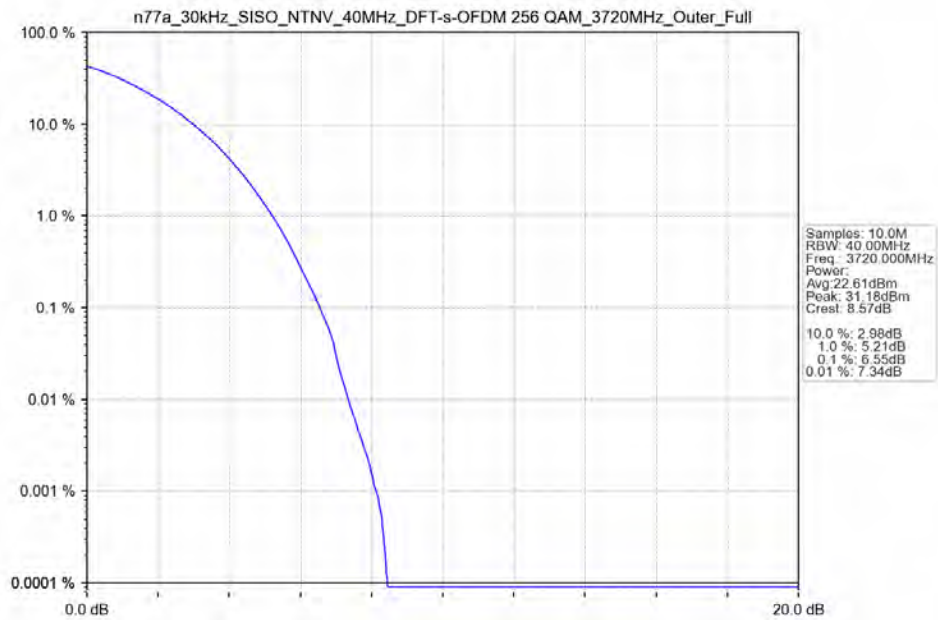
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



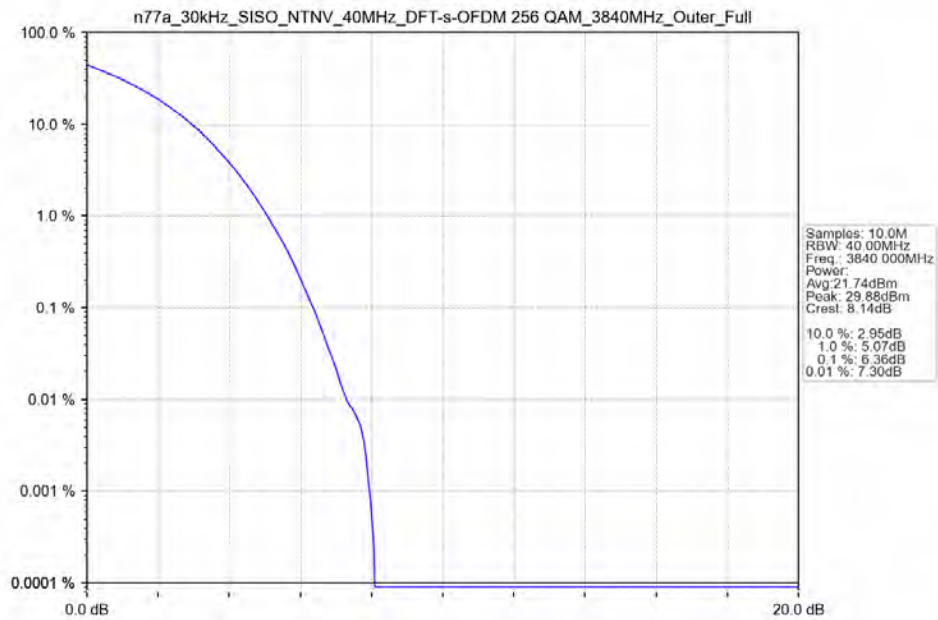
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3960MHz_Outer_Full_Ant13



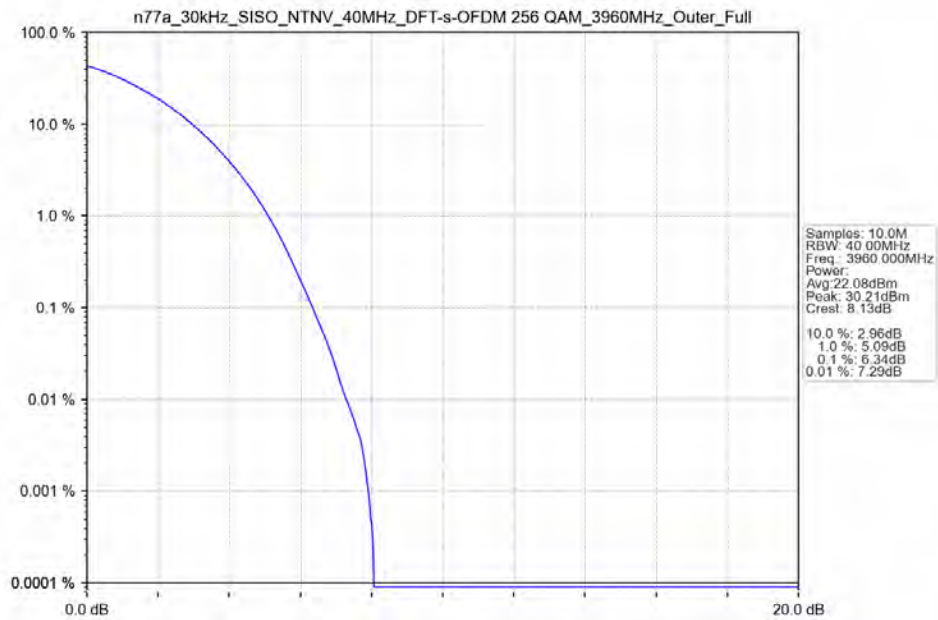
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3720MHz_Outer_Full_Ant13



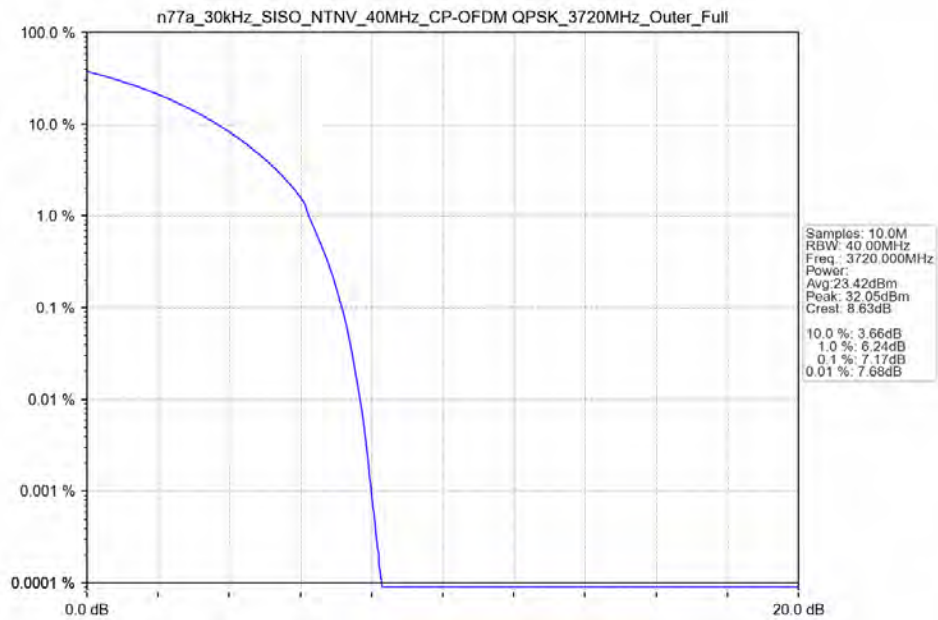
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



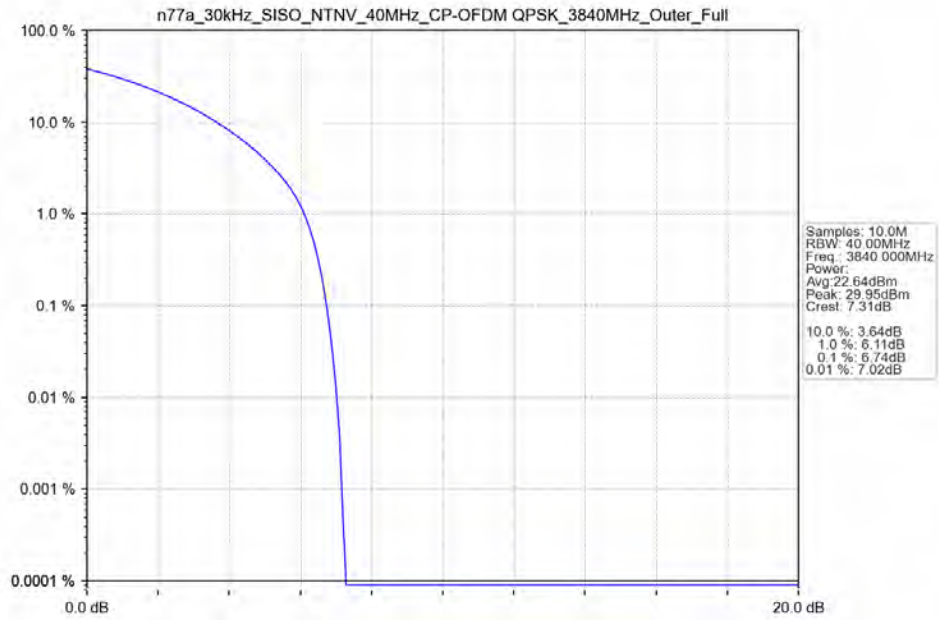
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3960MHz_Outer_Full_Ant13



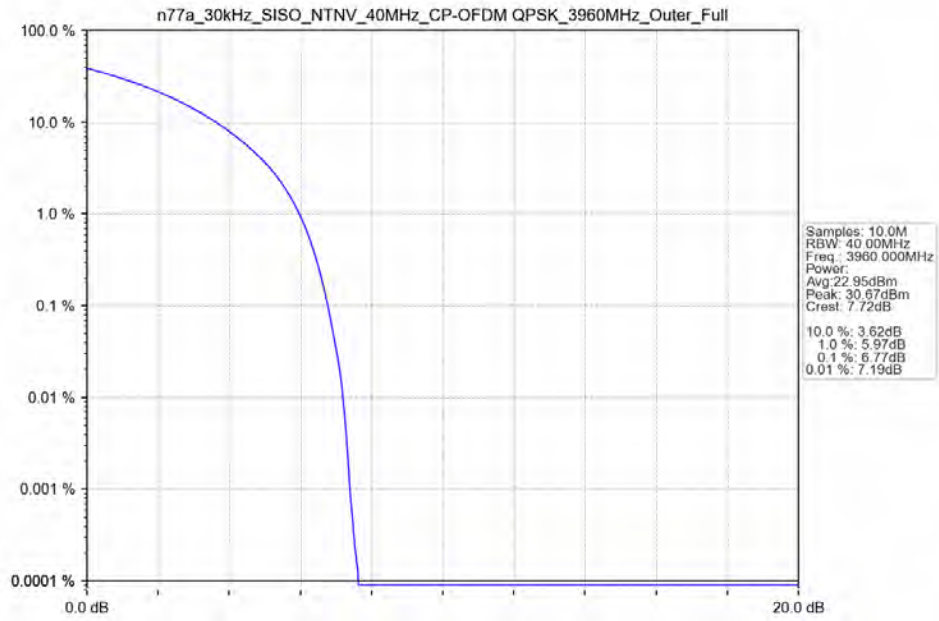
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Outer_Full_Ant13



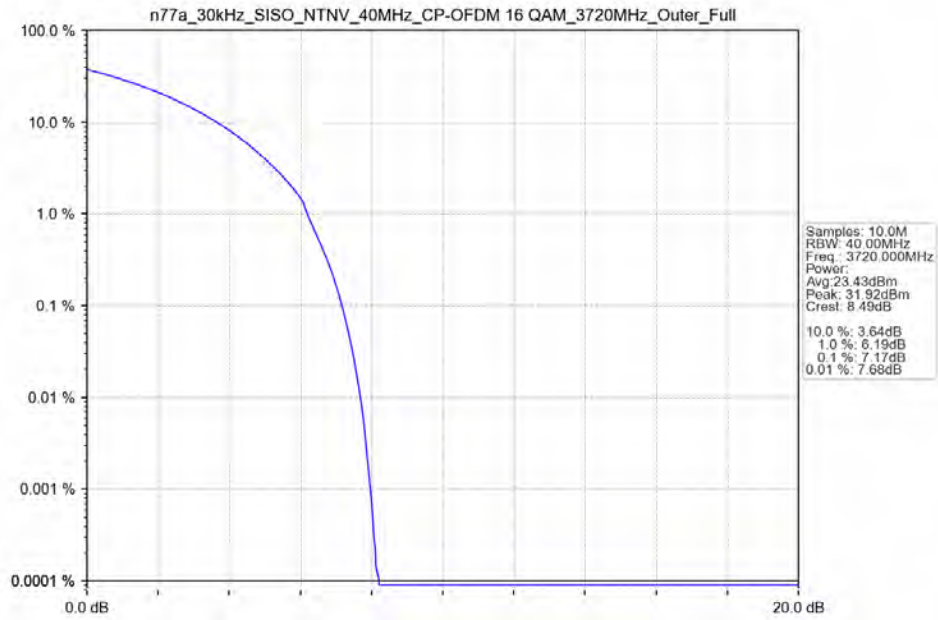
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant13



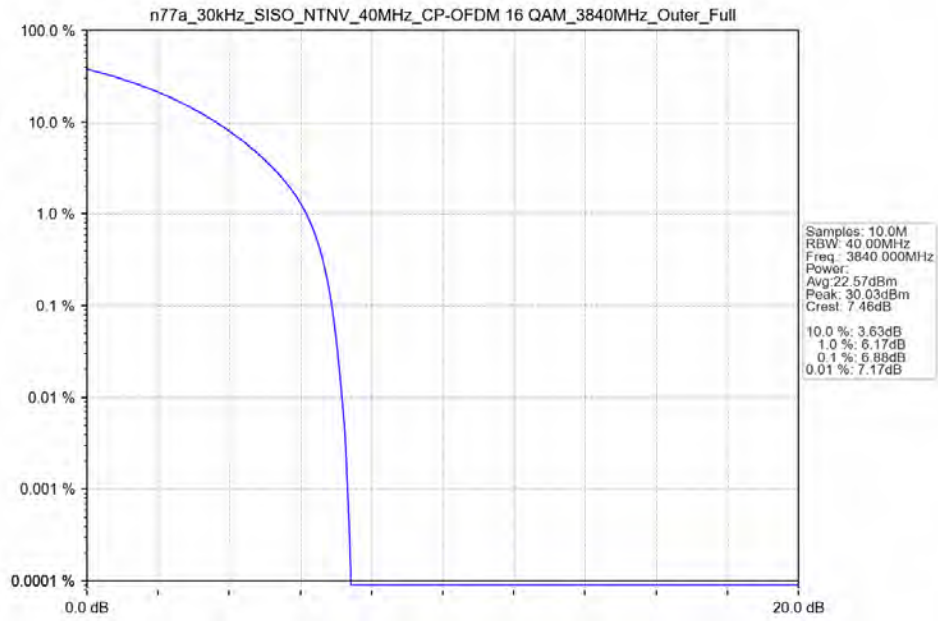
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Outer_Full_Ant13



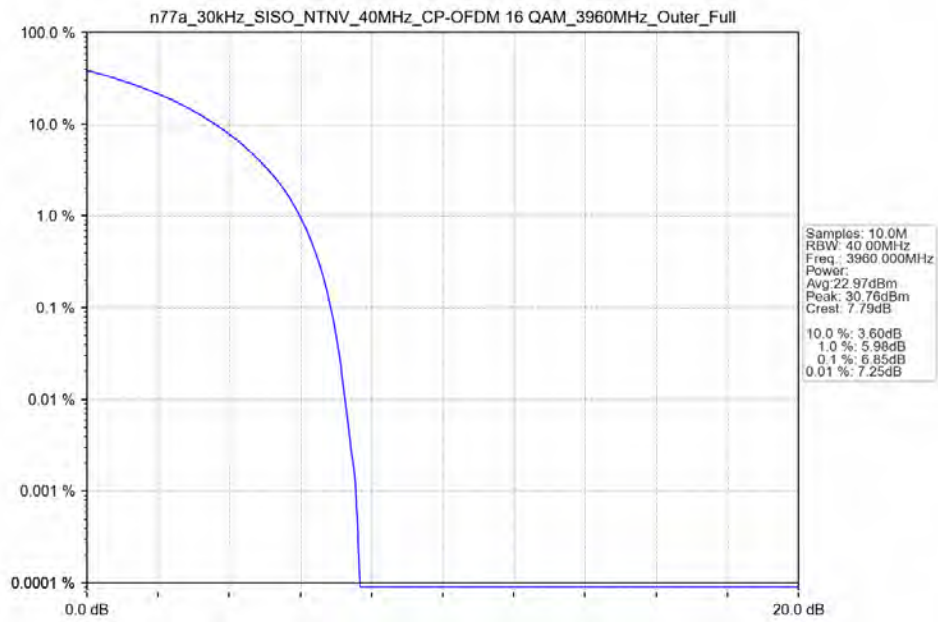
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3720MHz_Outer_Full_Ant13



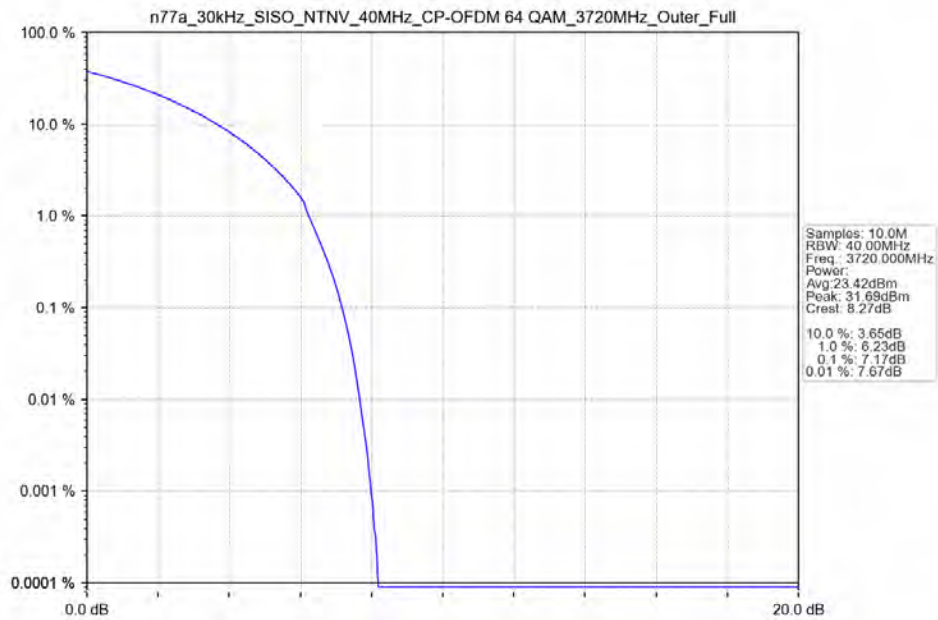
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant13



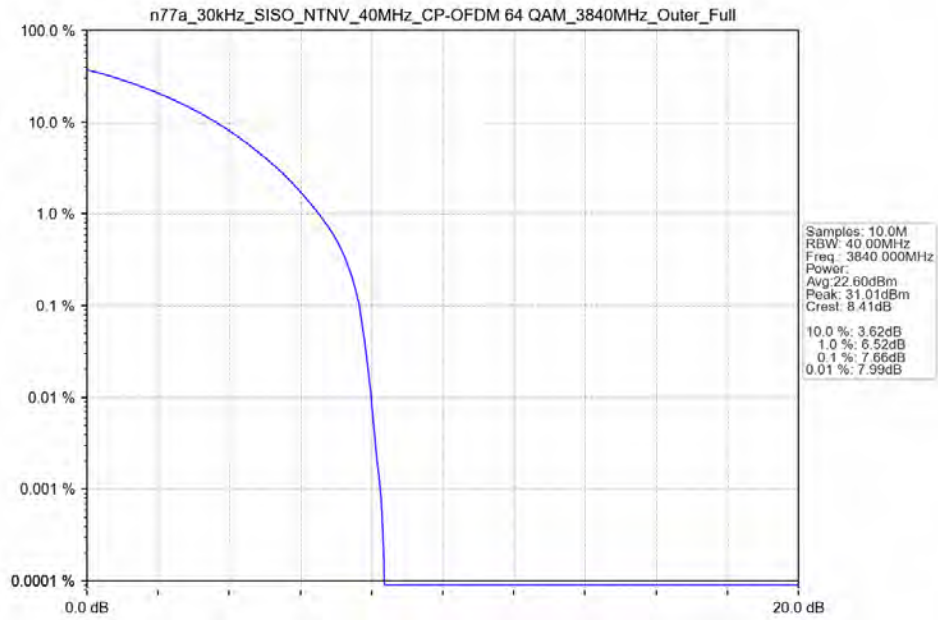
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3960MHz_Outer_Full_Ant13



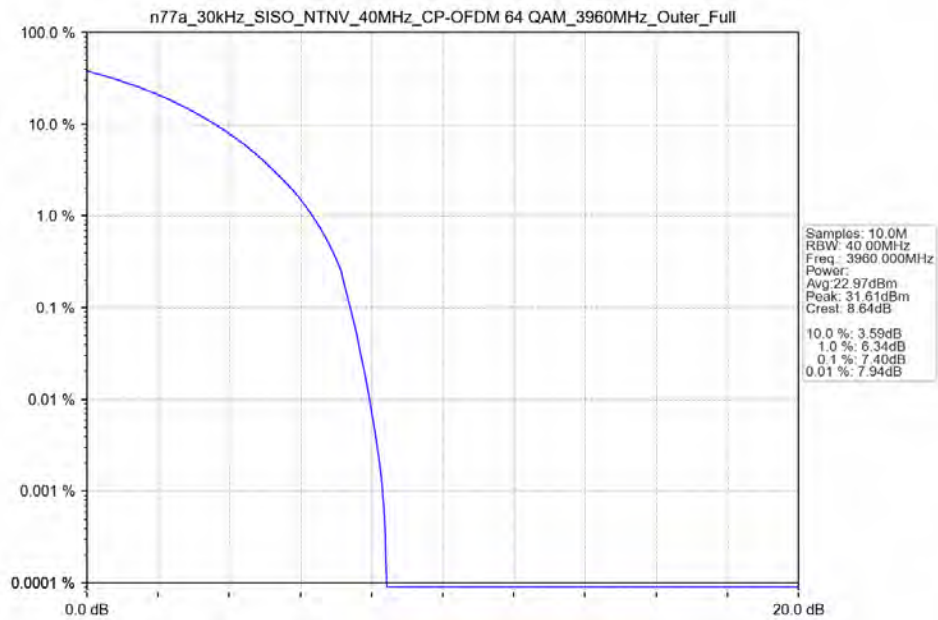
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3720MHz_Outer_Full_Ant13



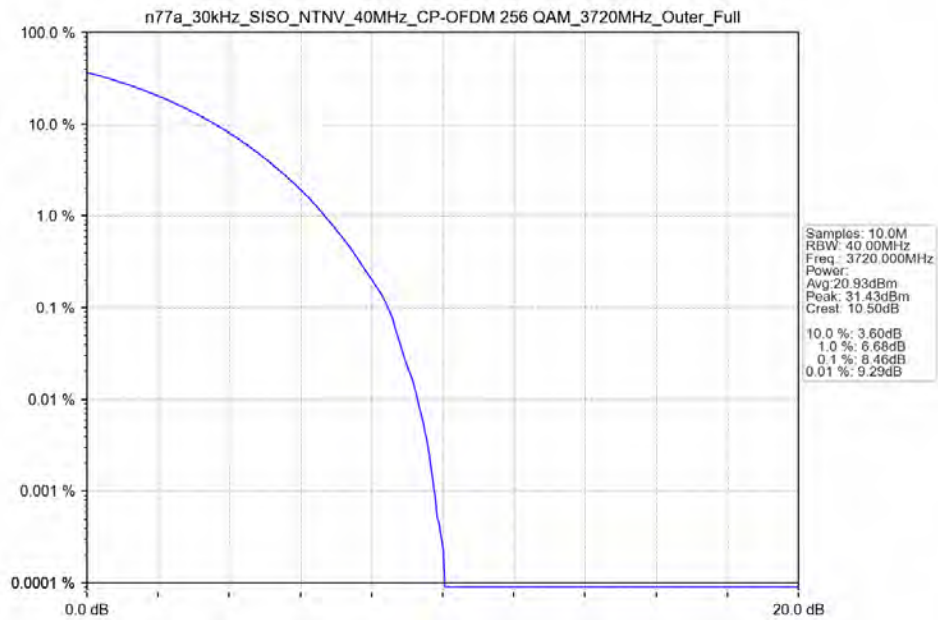
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant13



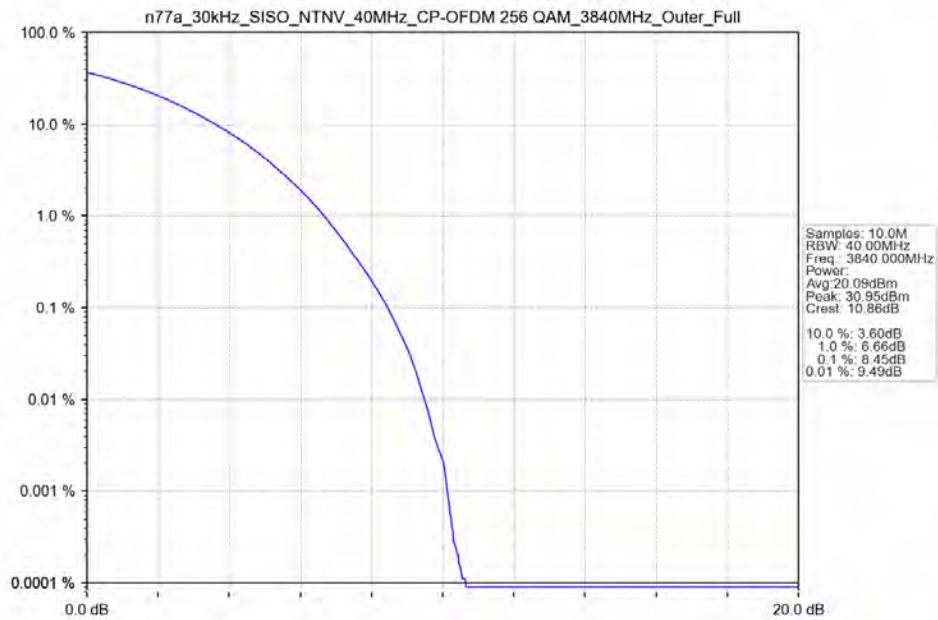
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3960MHz_Outer_Full_Ant13



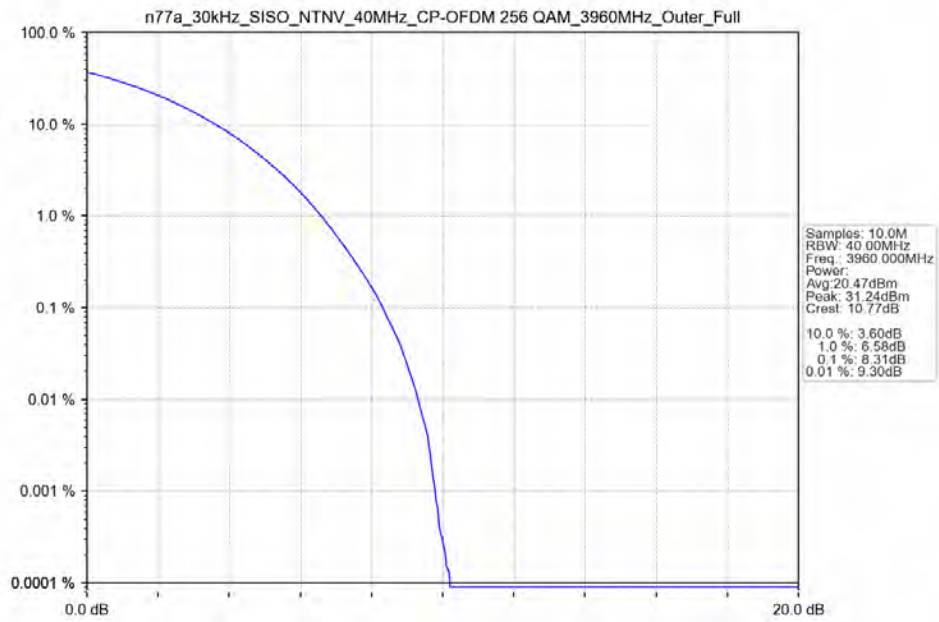
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3720MHz_Outer_Full_Ant13



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant13



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3960MHz_Outer_Full_Ant13



4.2.6 30k_SISO_50MHz_NTNV

