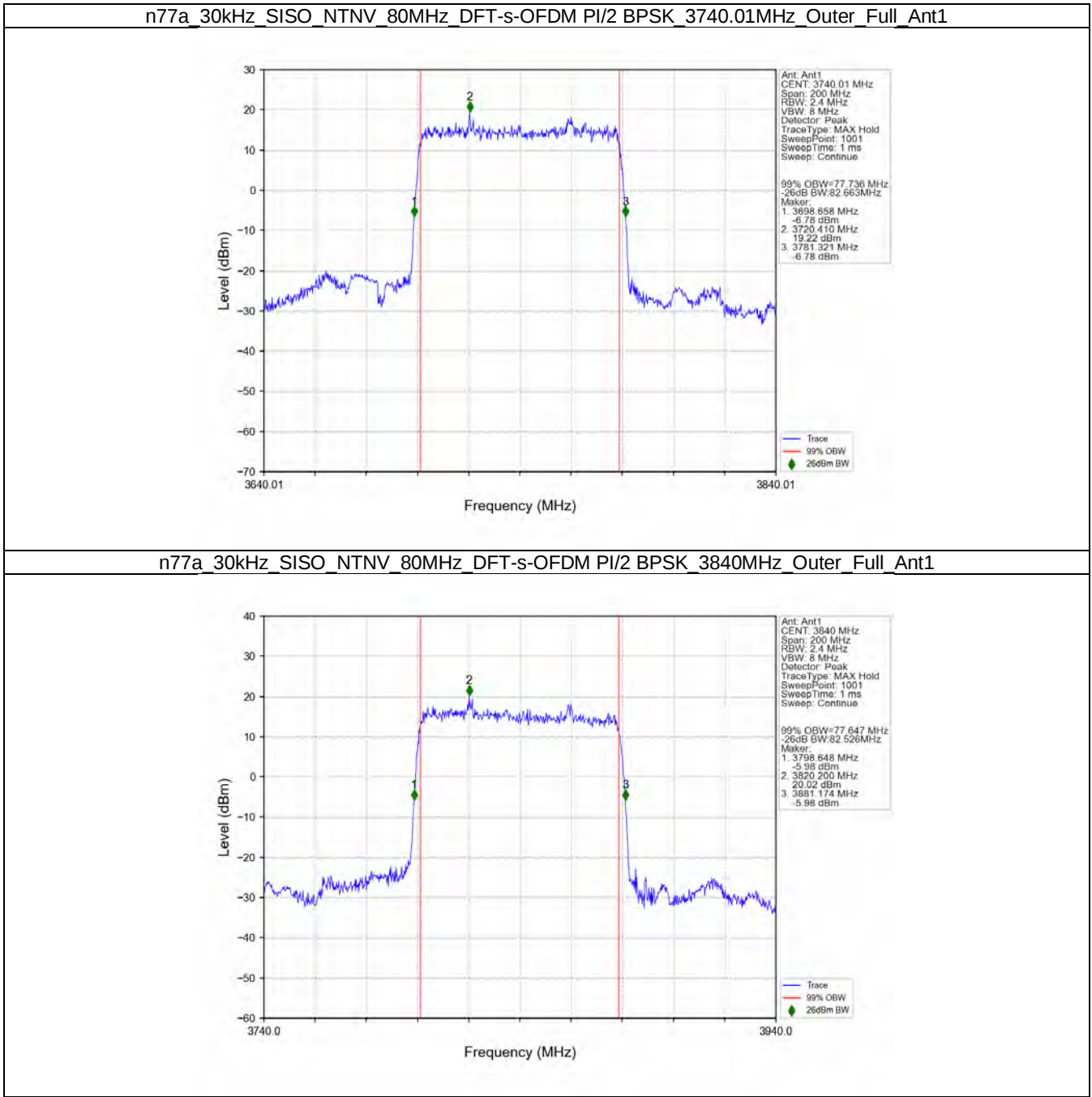
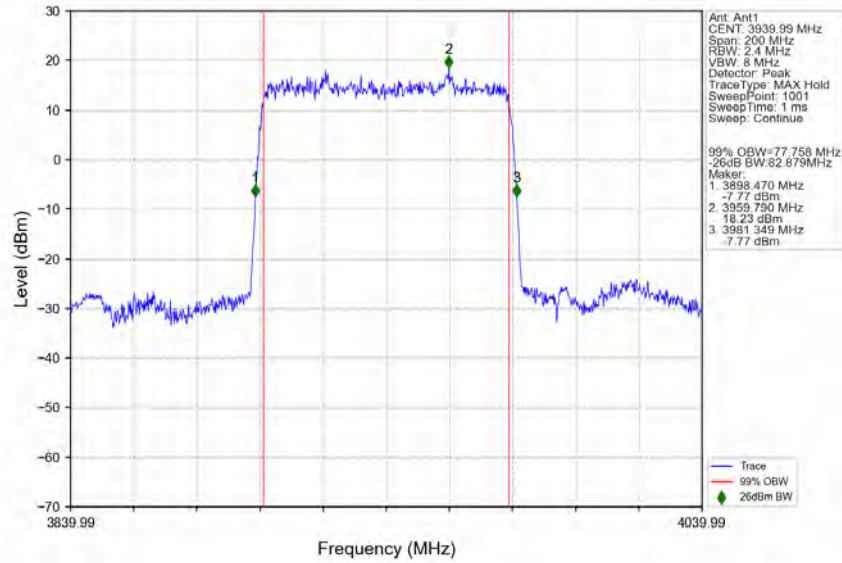


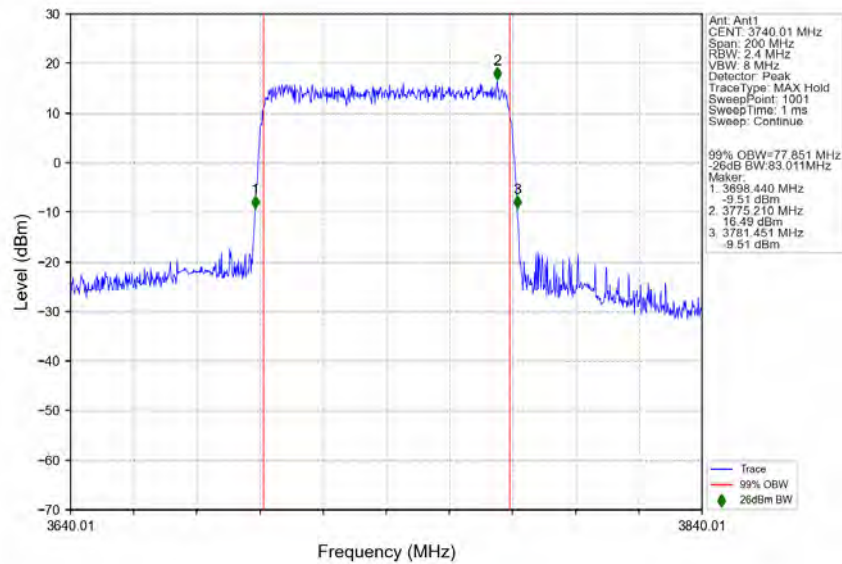
3.2.5 30k_SISO_80MHz_NTNV



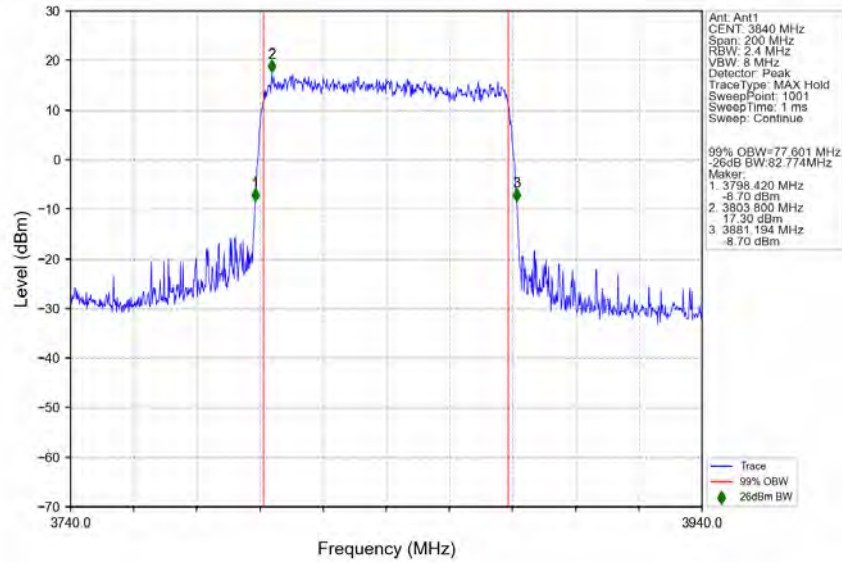
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3939.99MHz Outer Full Ant1



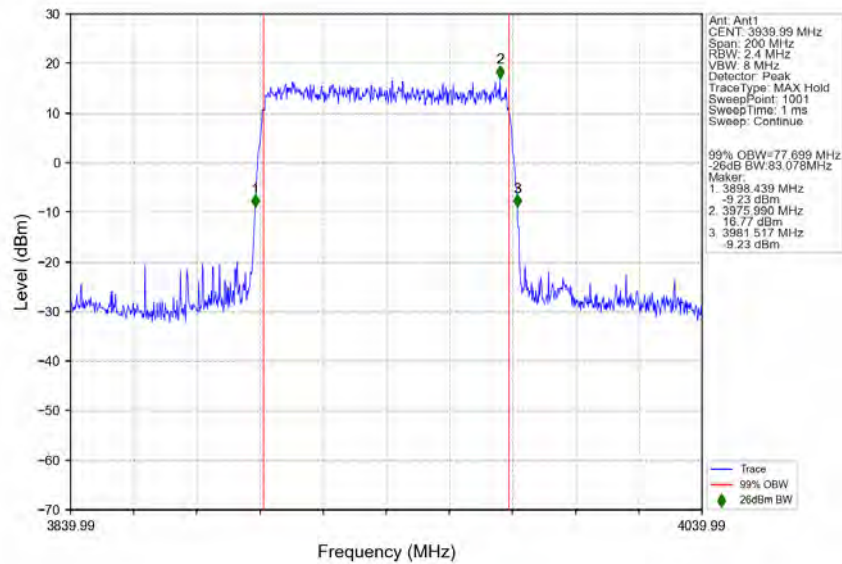
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3740.01MHz Outer Full Ant1



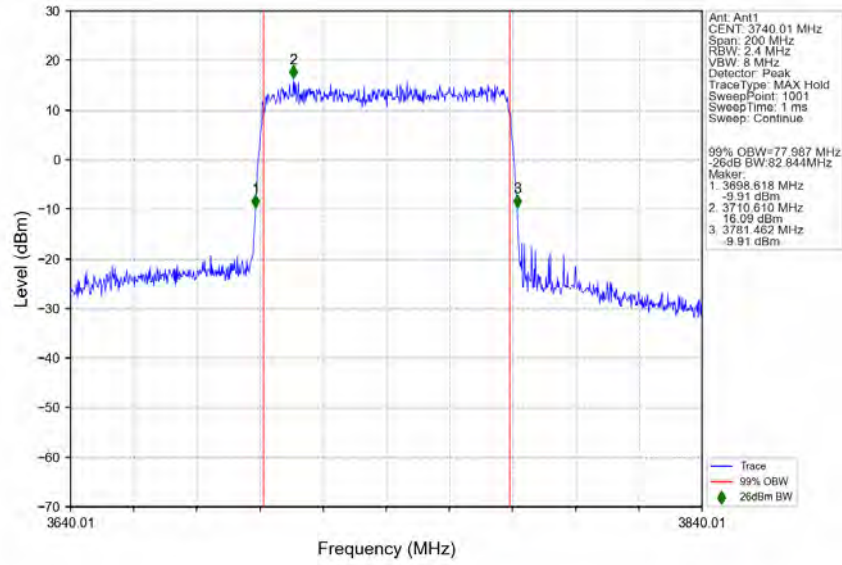
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant1



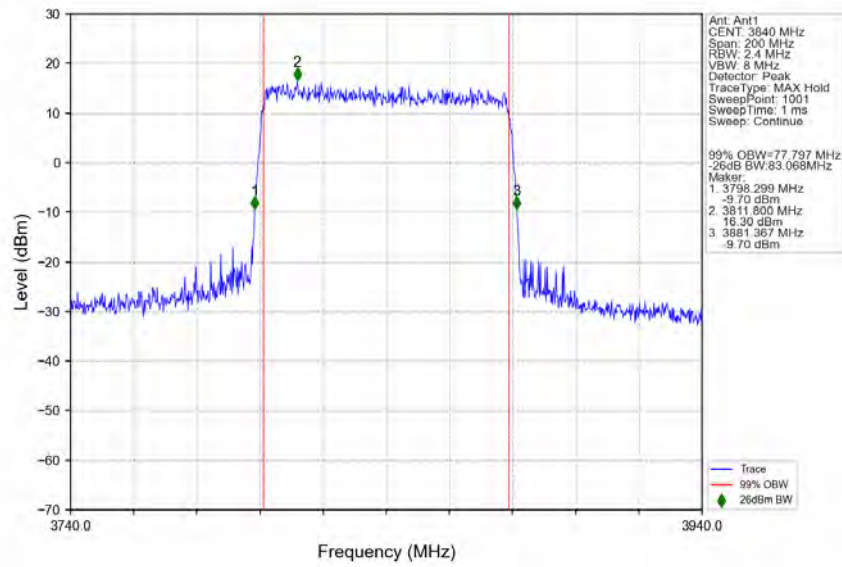
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3939.99MHz Outer Full Ant1



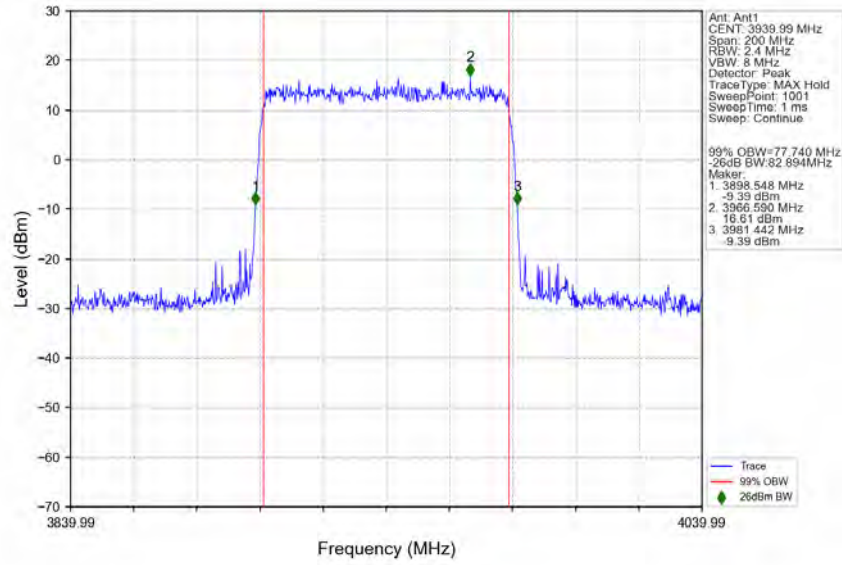
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3740.01MHz Outer Full Ant1



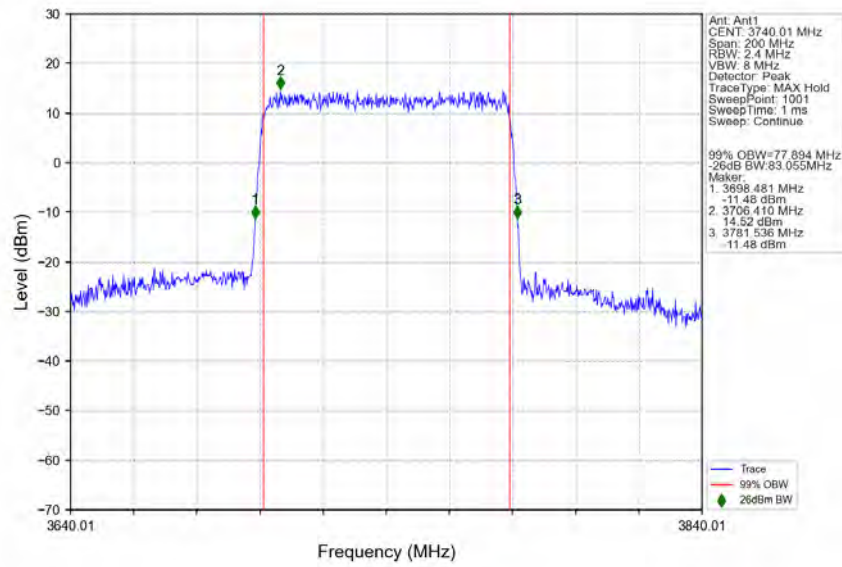
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



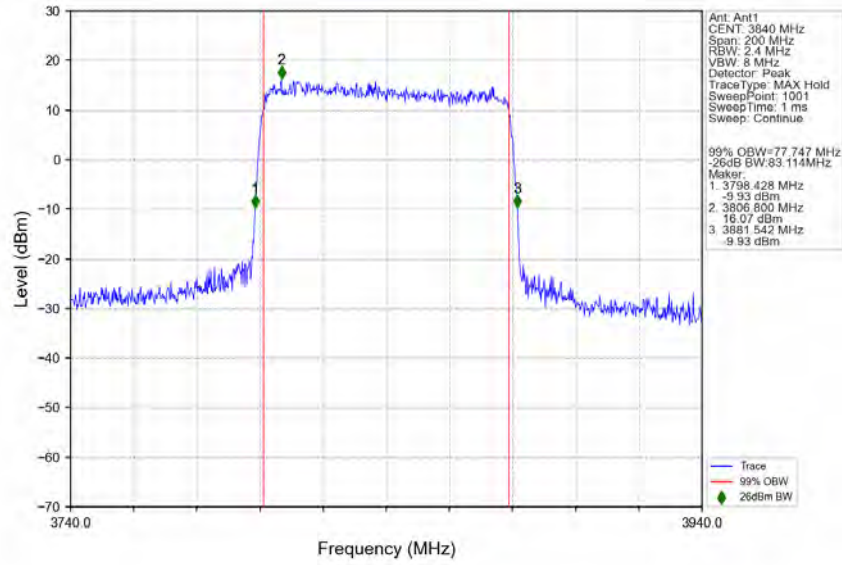
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3939.99MHz Outer Full Ant1



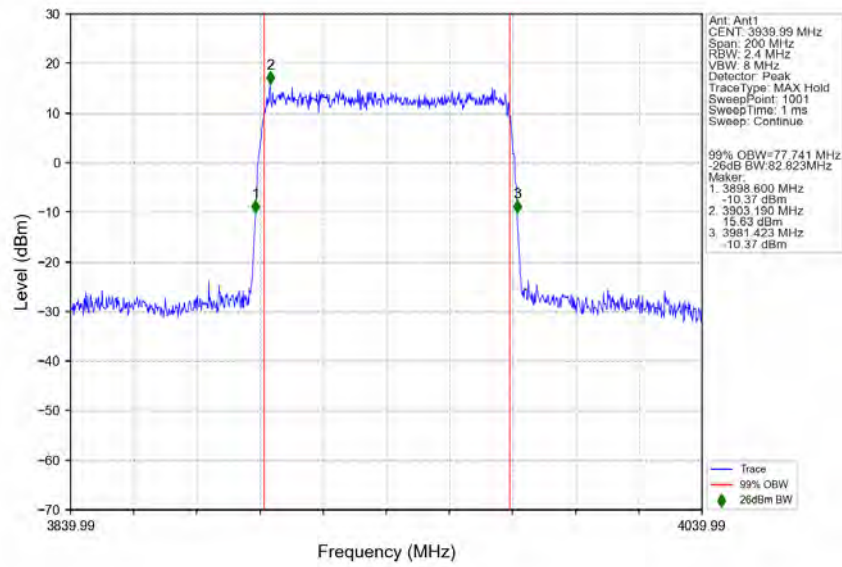
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 64 QAM 3740.01MHz Outer Full Ant1



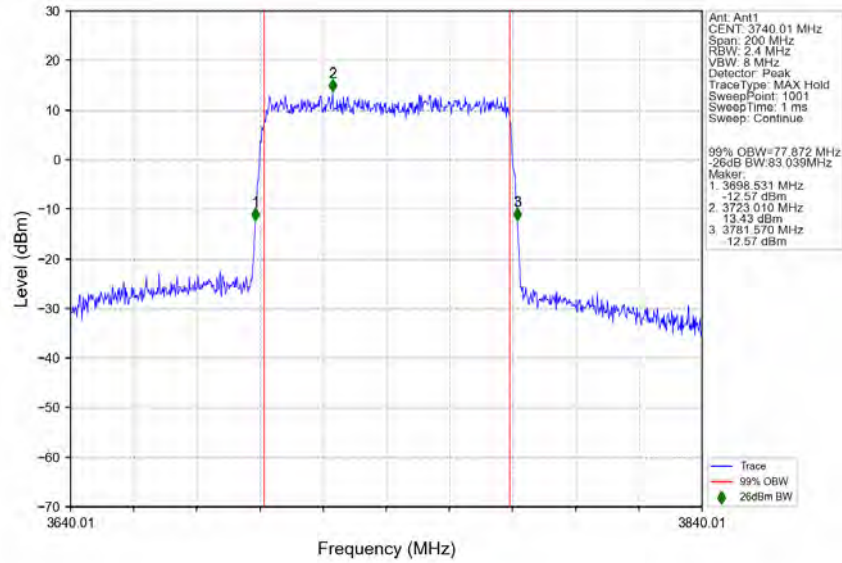
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



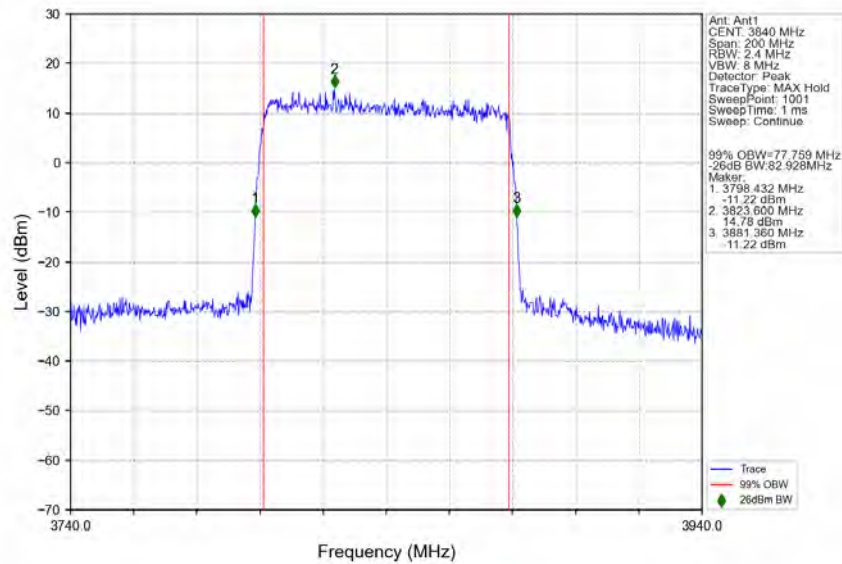
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3939.99MHz_Outer_Full_Ant1



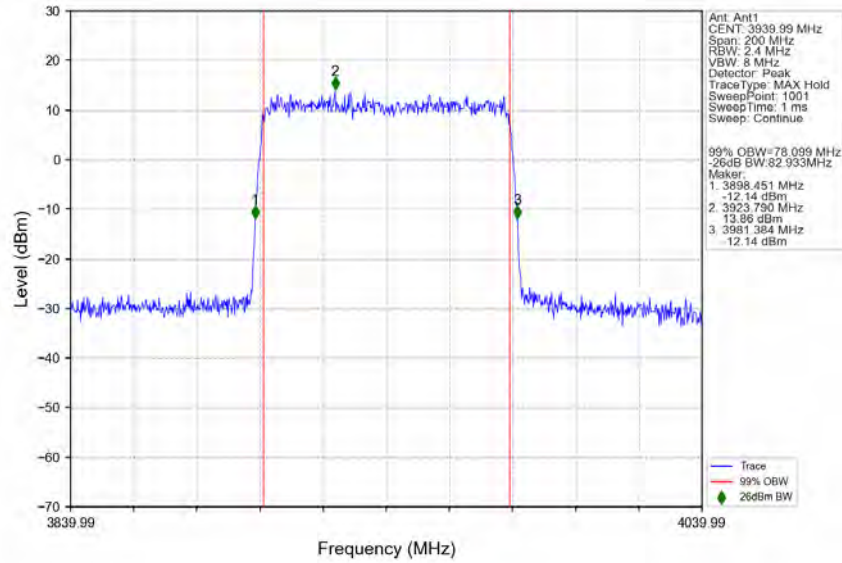
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3740.01MHz_Outer_Full_Ant1



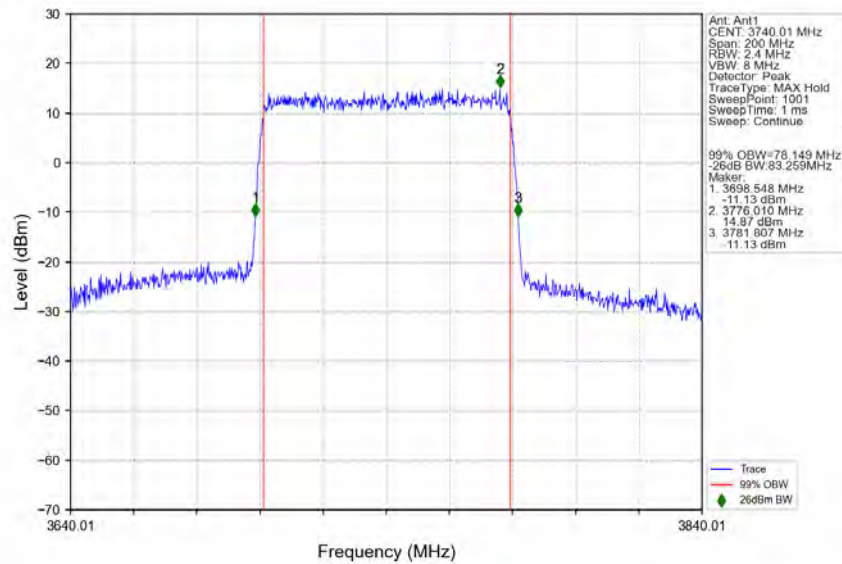
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



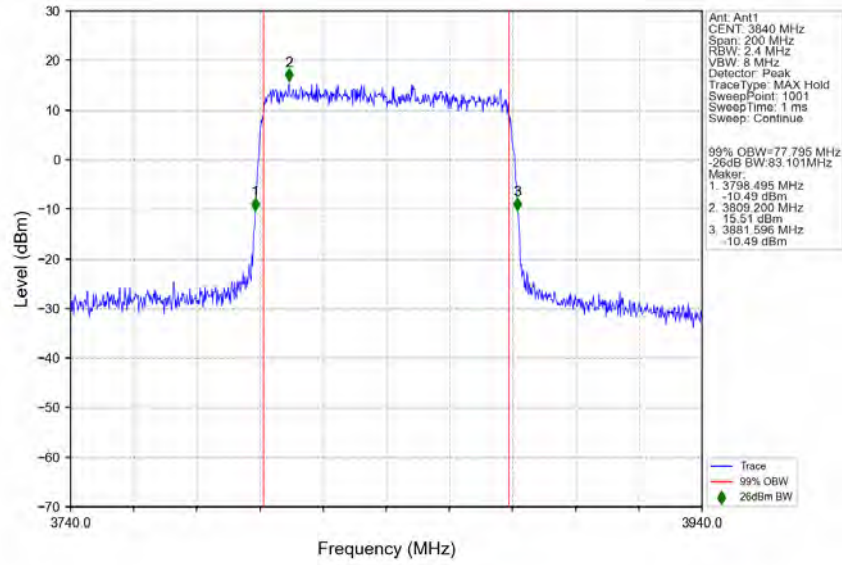
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3939.99MHz Outer Full Ant1



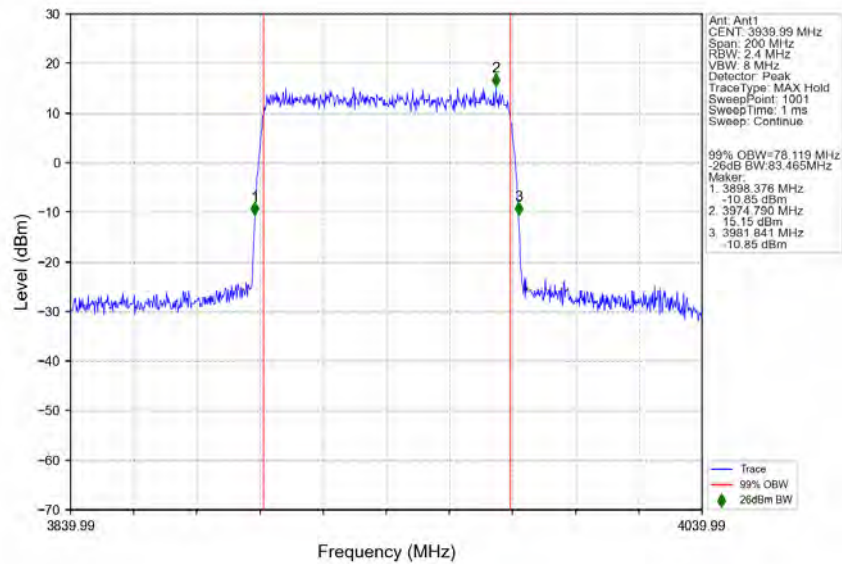
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3740.01MHz Outer Full Ant1



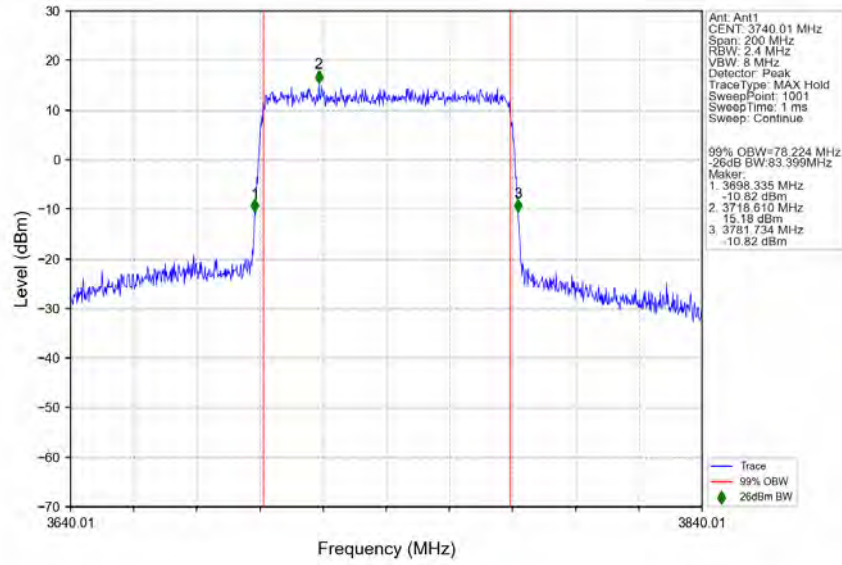
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



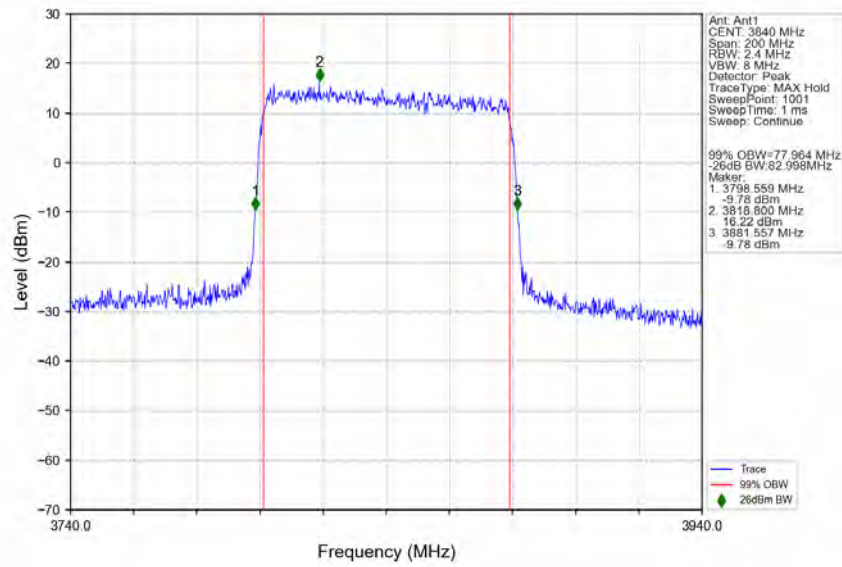
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3939.99MHz Outer Full Ant1



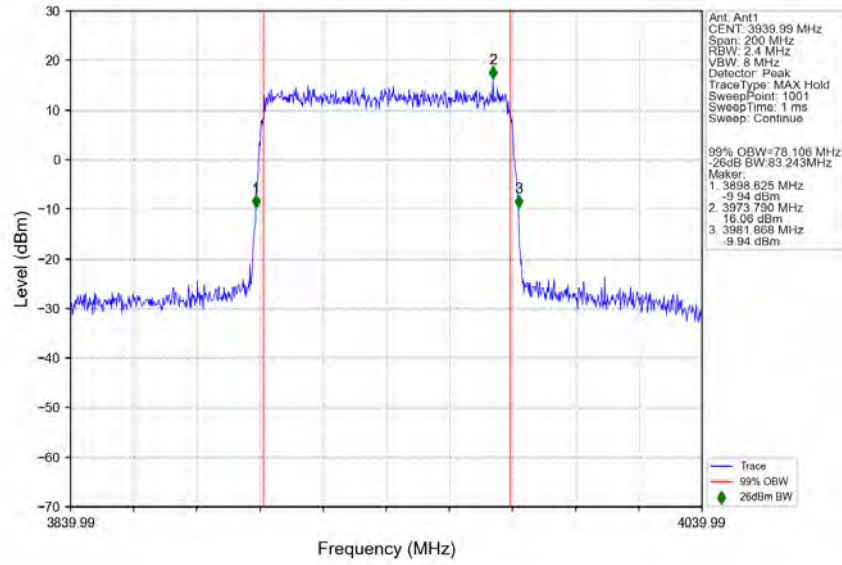
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3740.01MHz_Outer_Full_Ant1



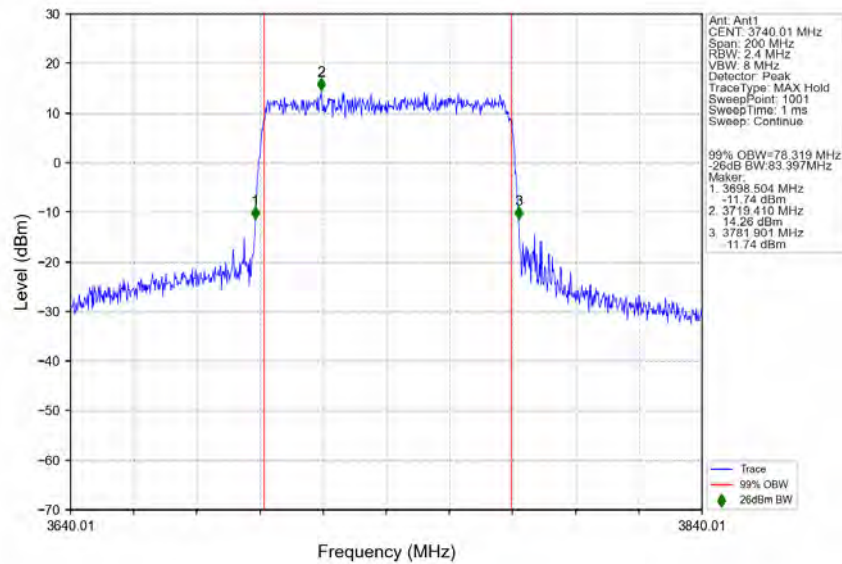
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



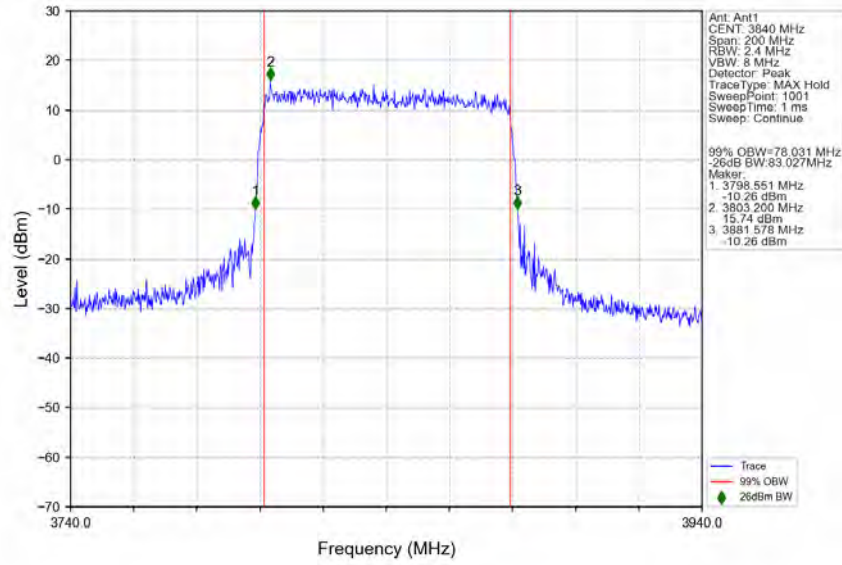
n77a 30kHz SISO NTN 80MHz CP-OFDM 16 QAM 3939.99MHz Outer Full Ant1



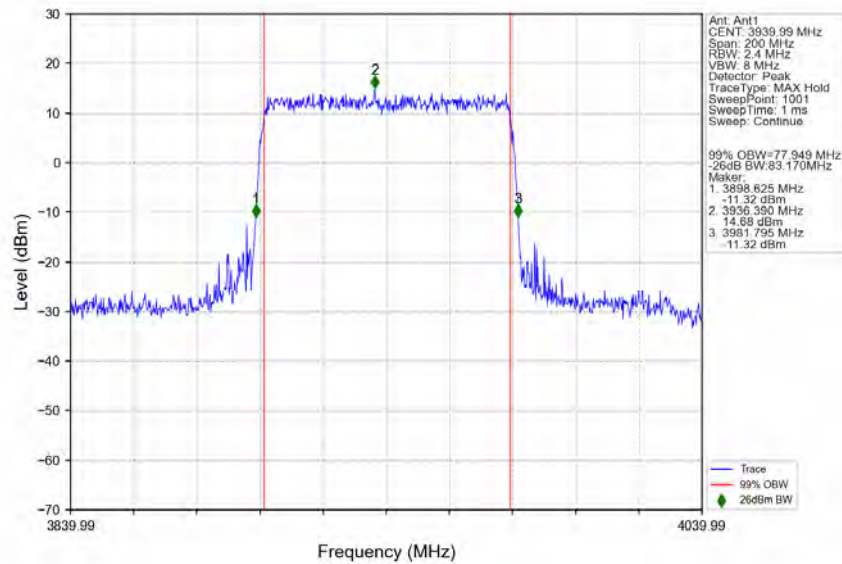
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3740.01MHz Outer Full Ant1



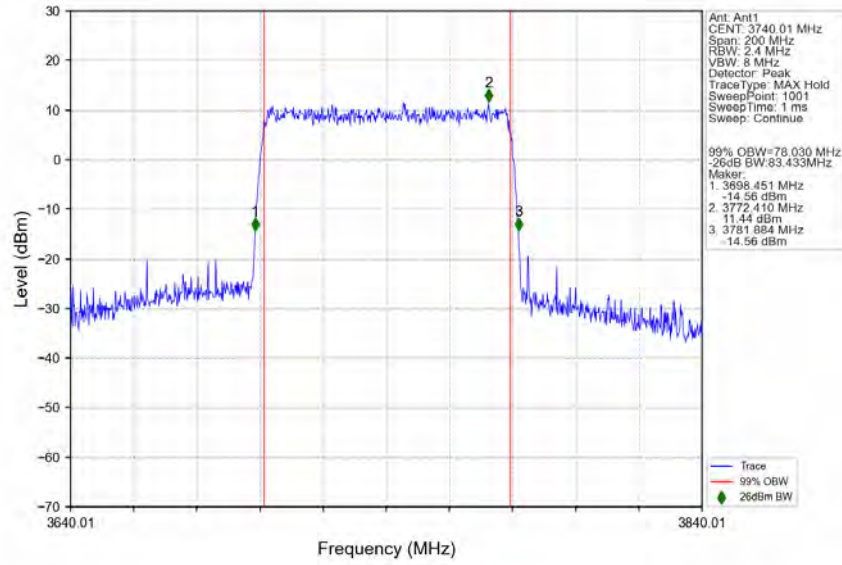
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



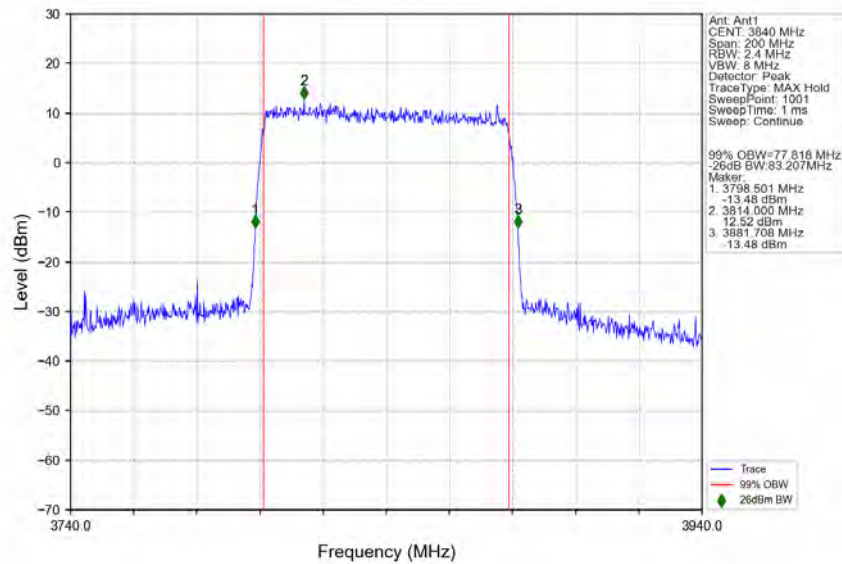
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3939.99MHz Outer Full Ant1



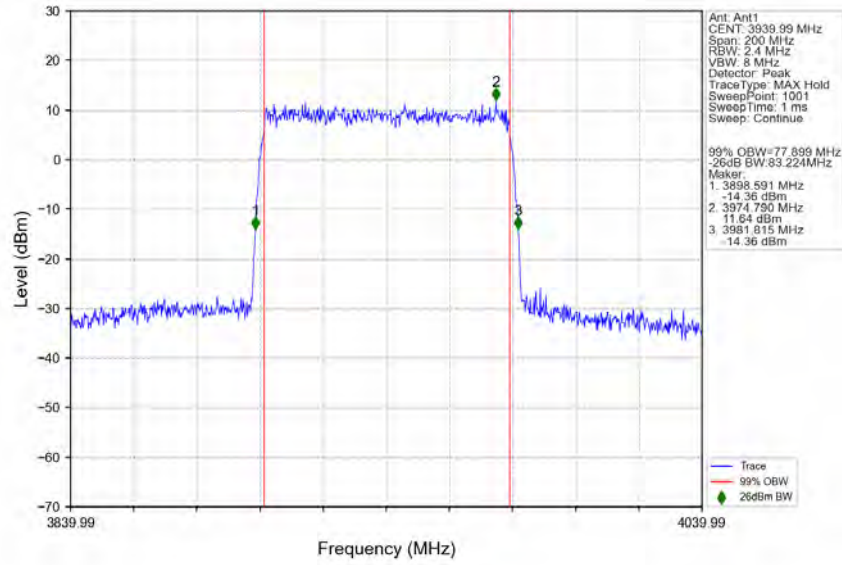
n77a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3740.01MHz Outer Full Ant1



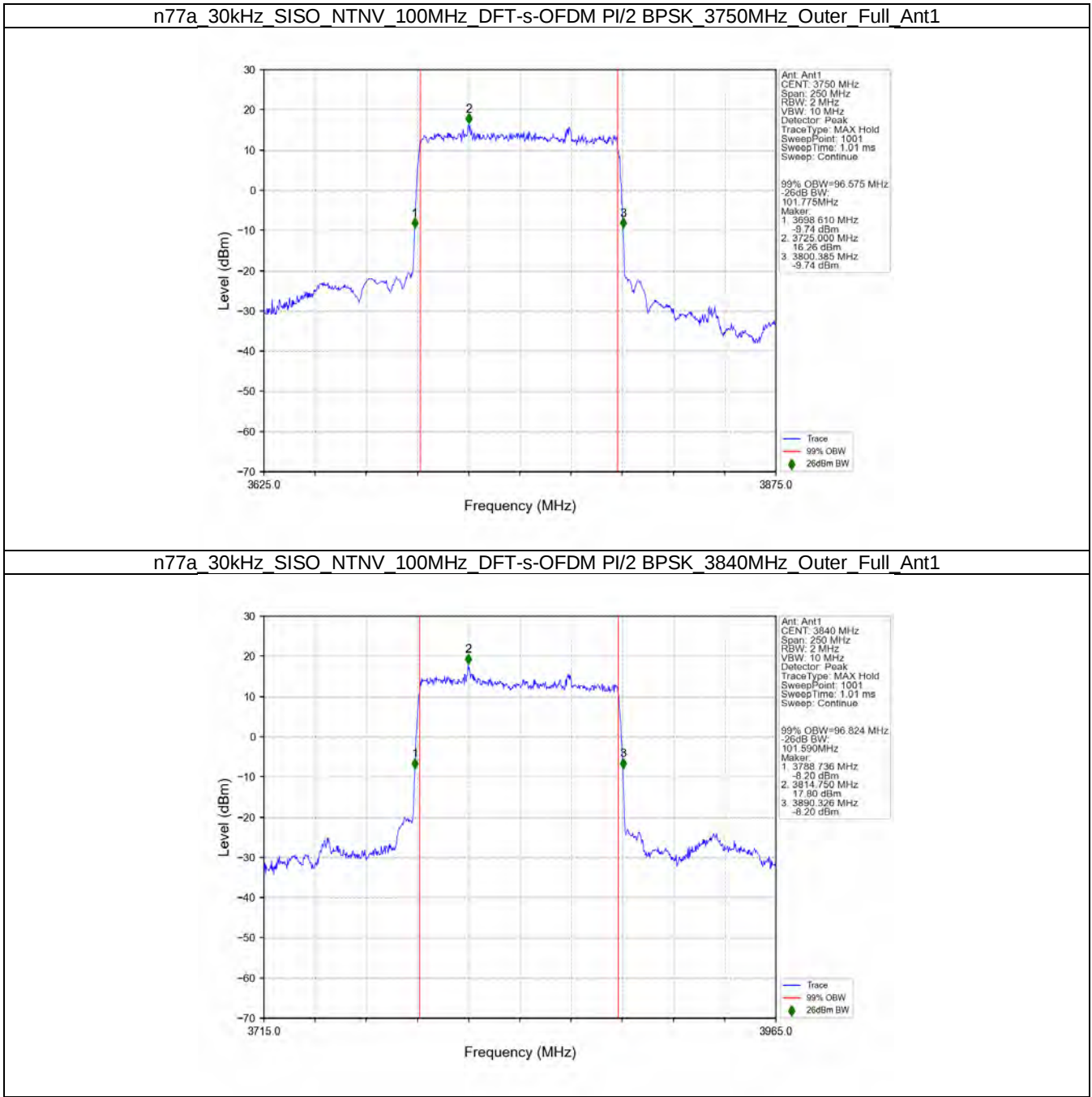
n77a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1



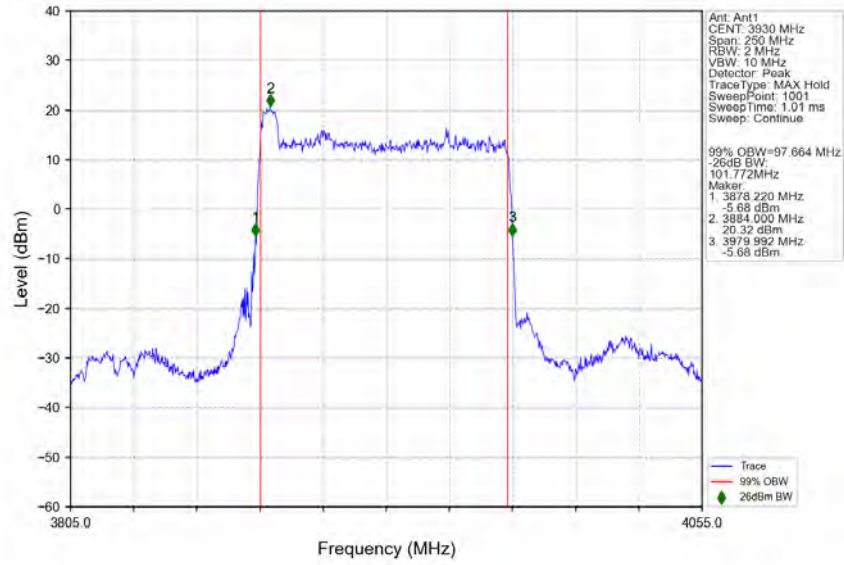
n77a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3939.99MHz Outer Full Ant1



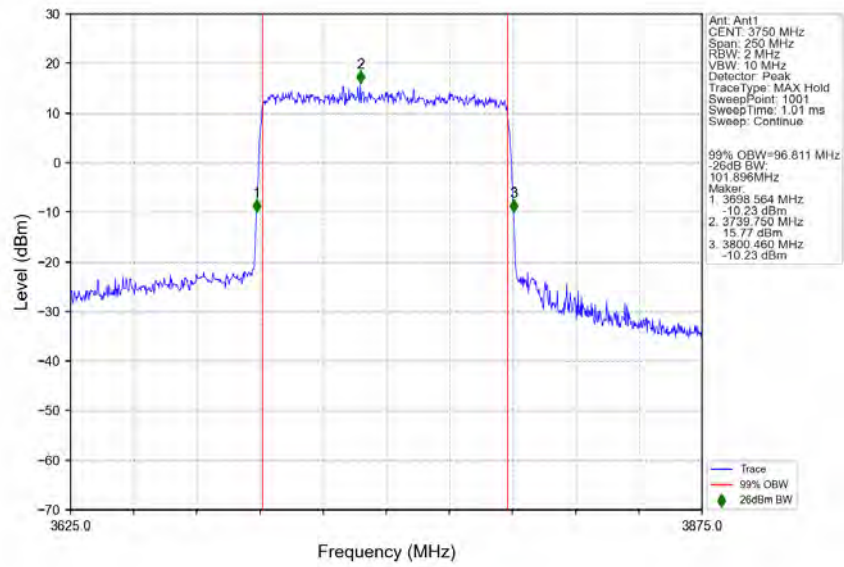
3.2.6 30k_SISO_100MHz_NTNV



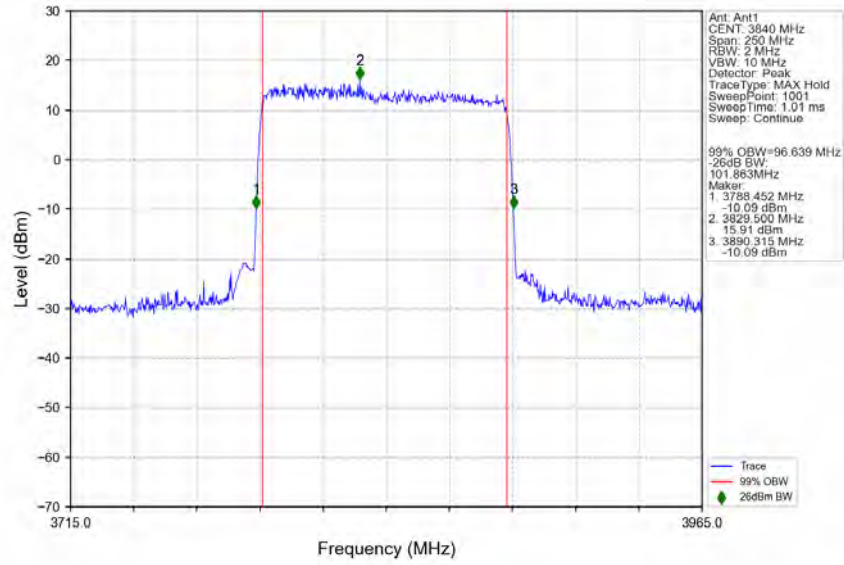
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3930MHz Outer Full Ant1



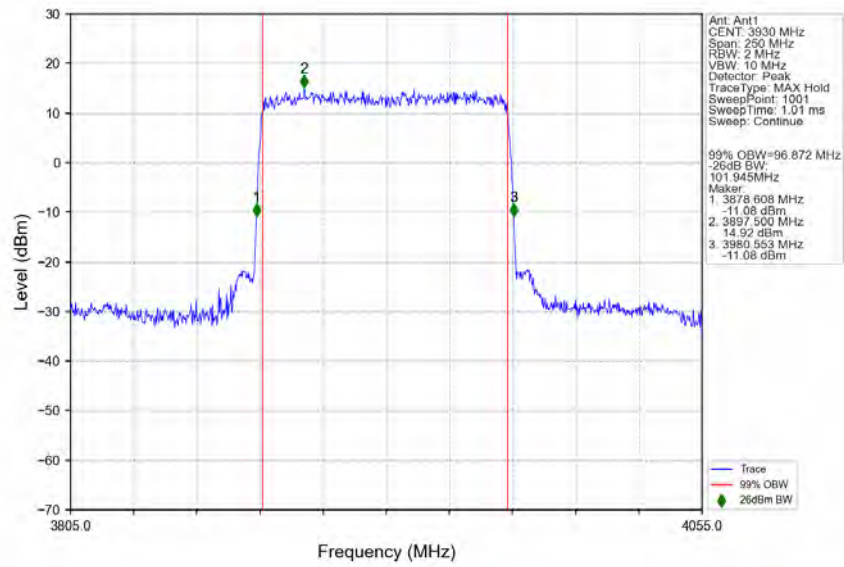
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer Full Ant1



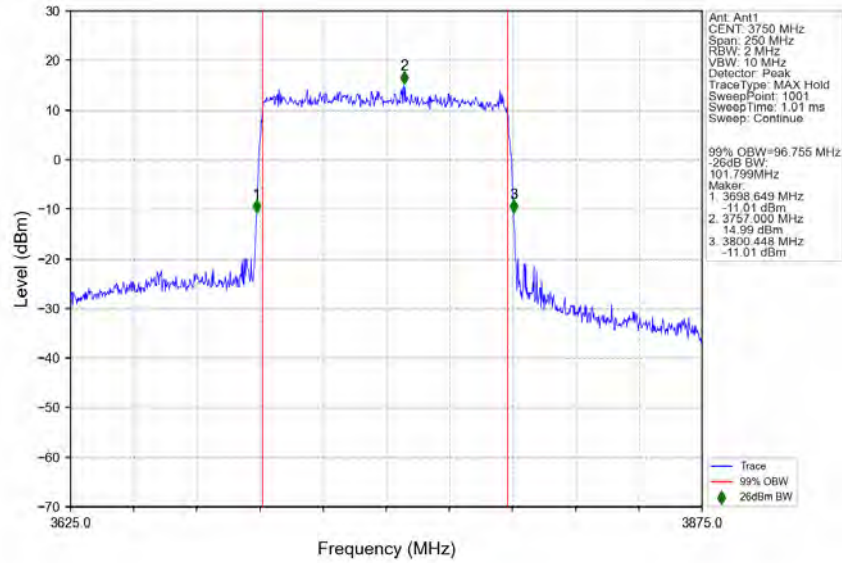
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant1



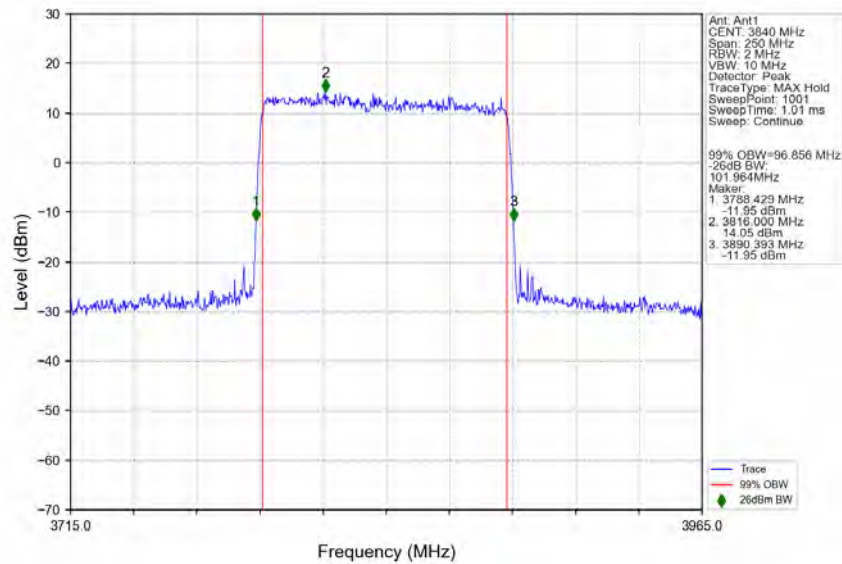
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant1



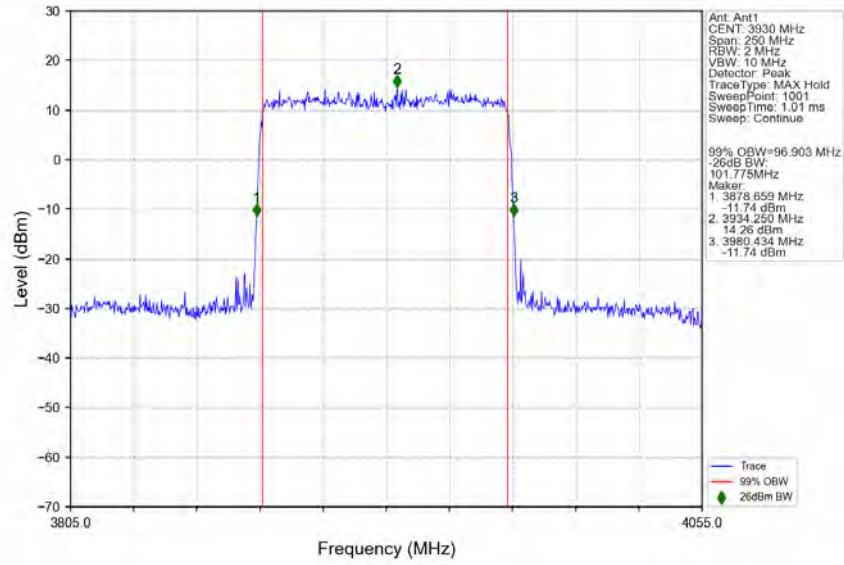
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



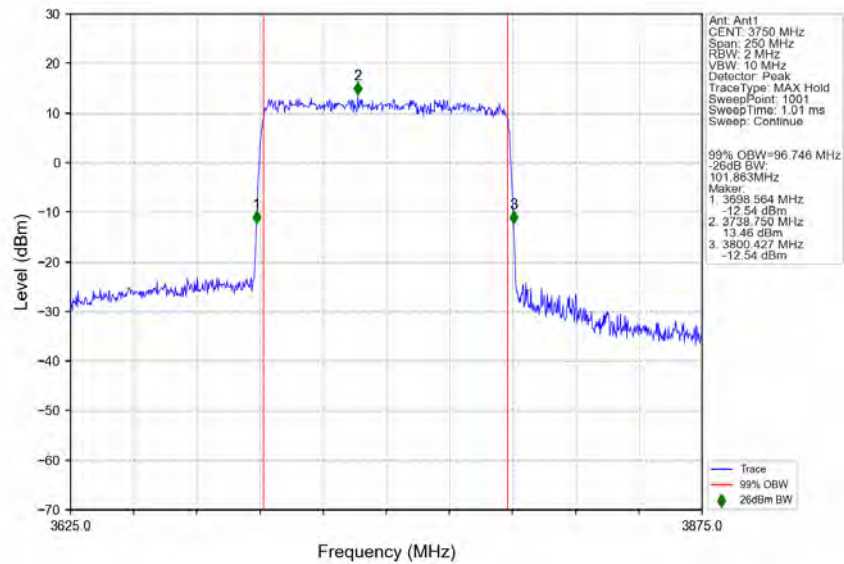
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



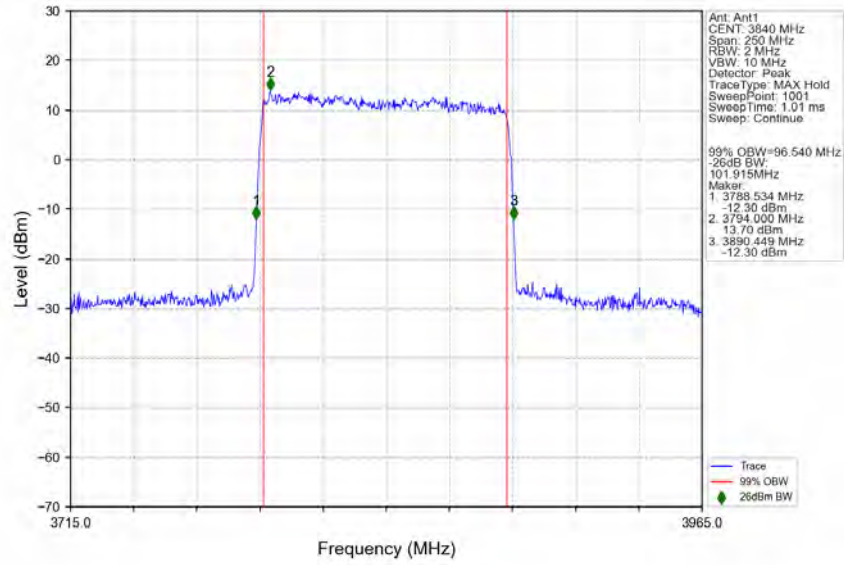
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3930MHz Outer Full Ant1



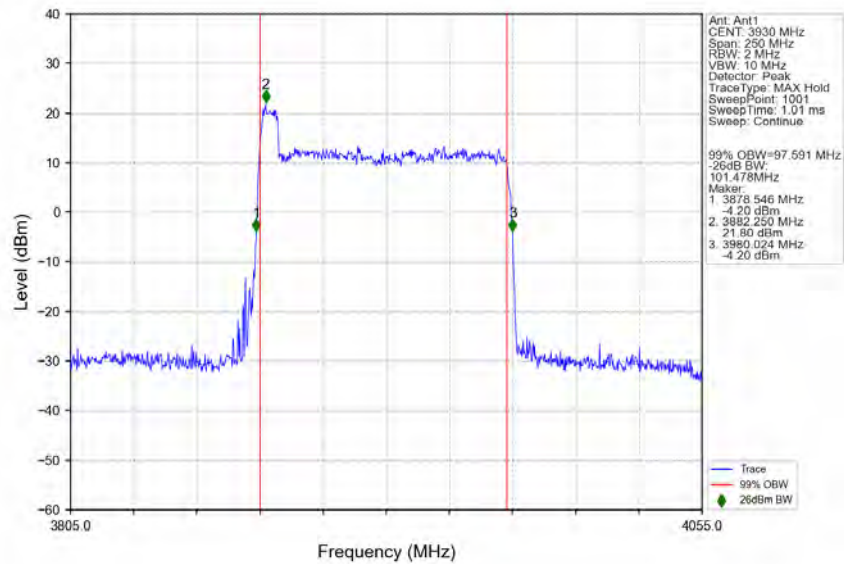
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



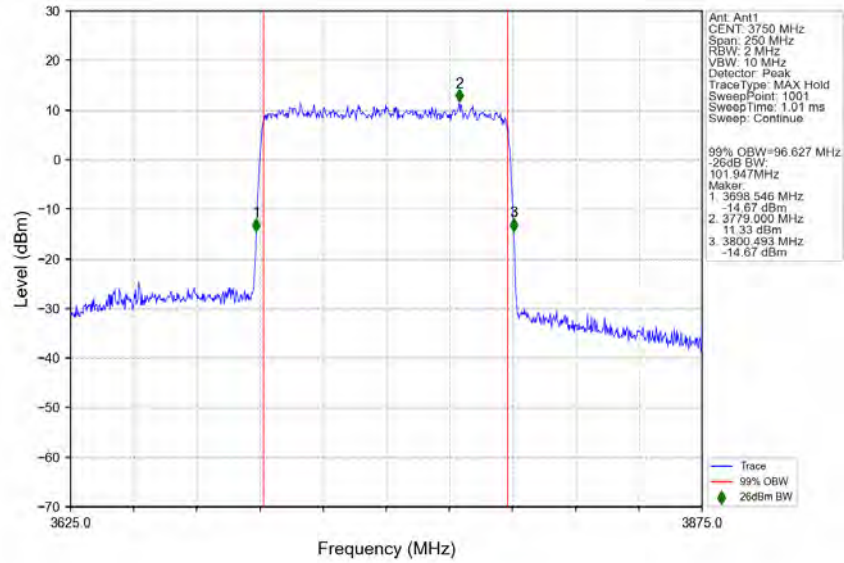
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



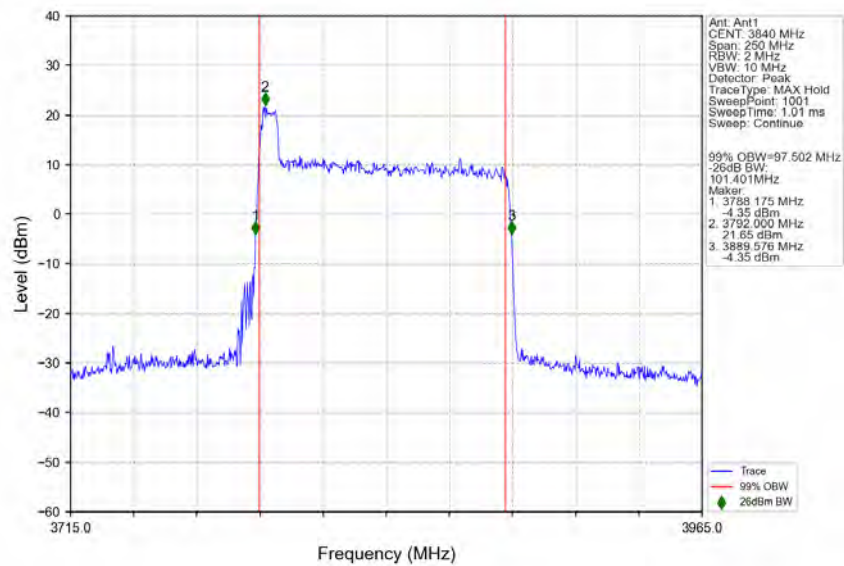
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3930MHz Outer Full Ant1



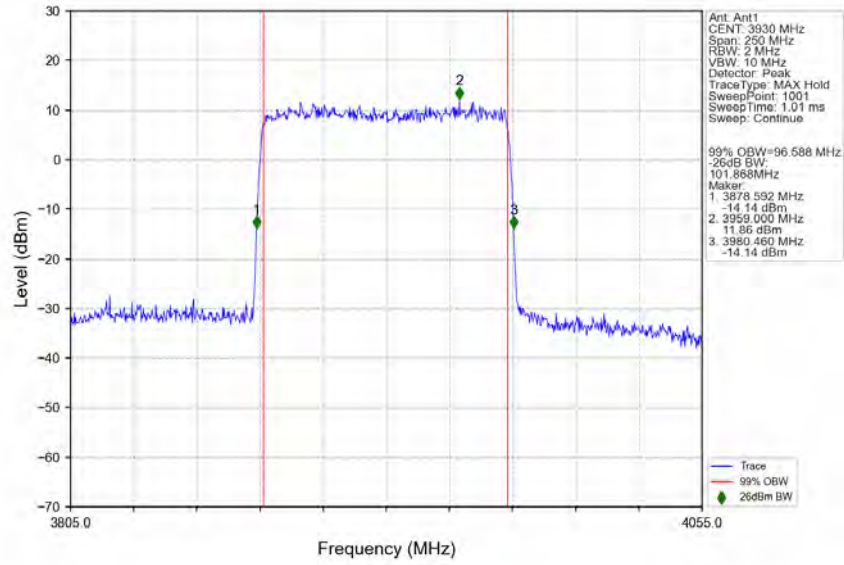
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



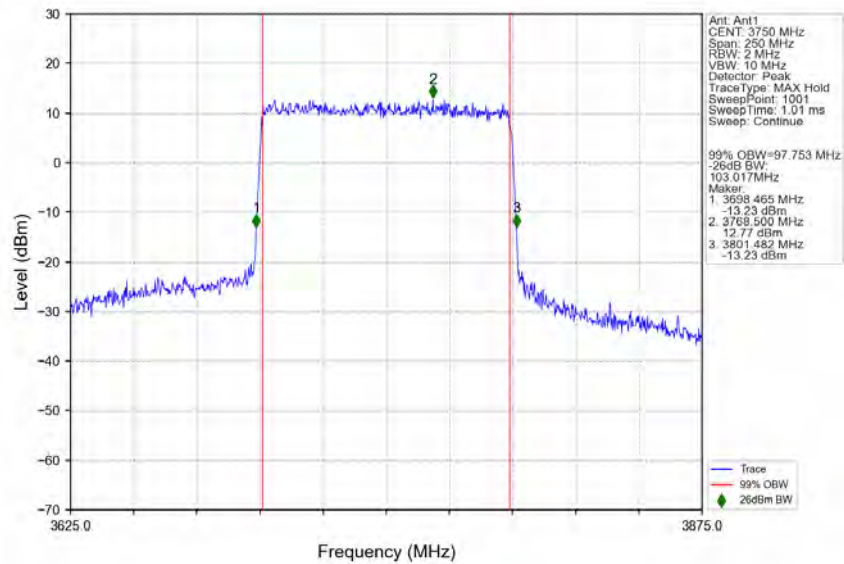
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



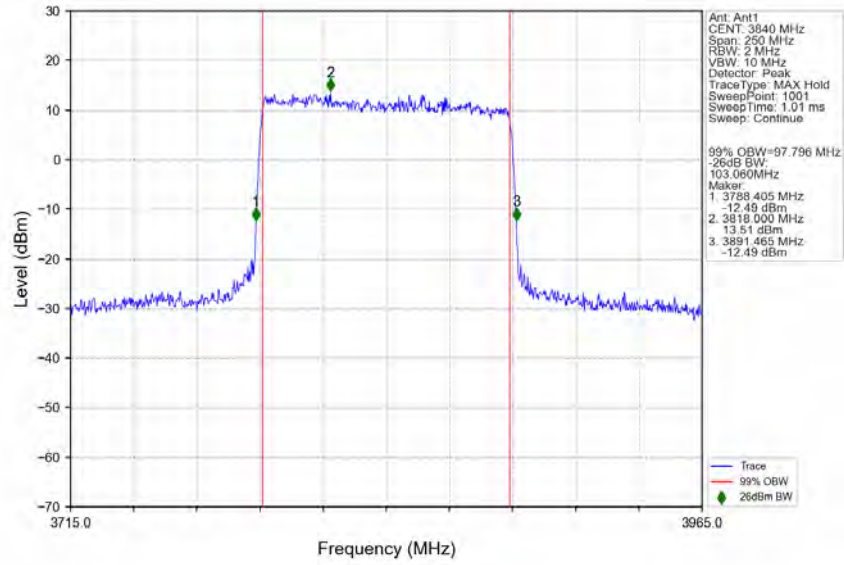
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3930MHz_Outer_Full_Ant1



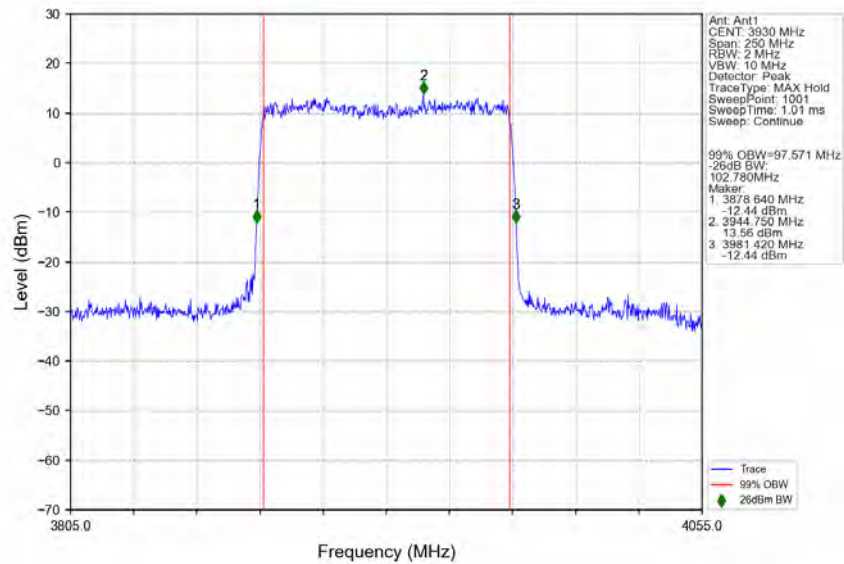
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant1



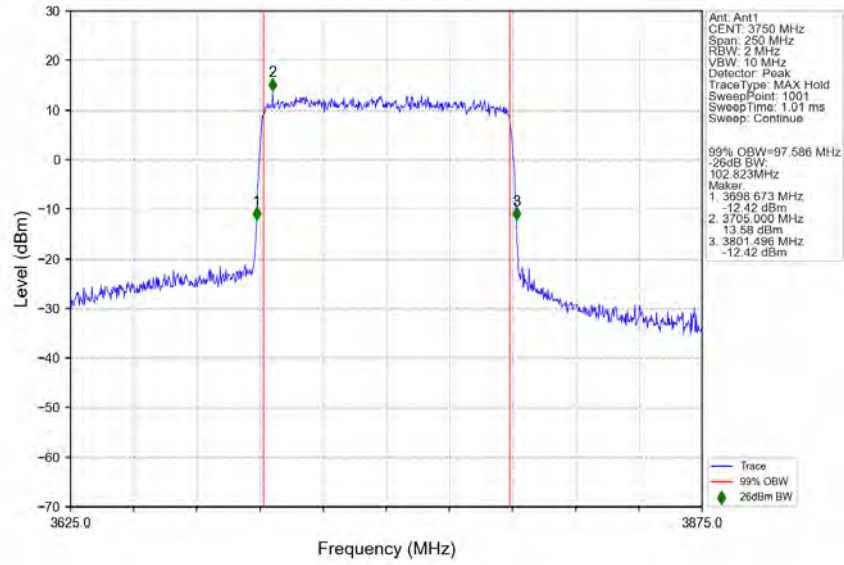
n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



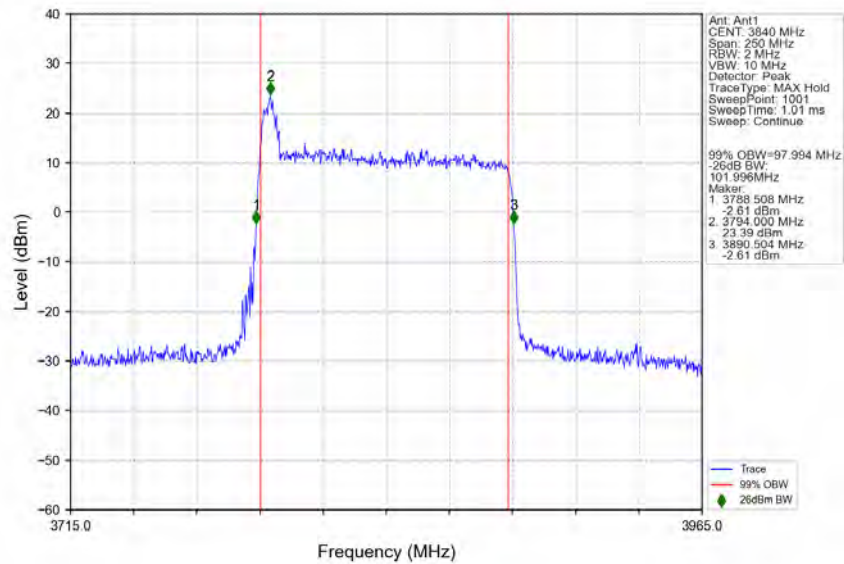
n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3930MHz Outer Full Ant1



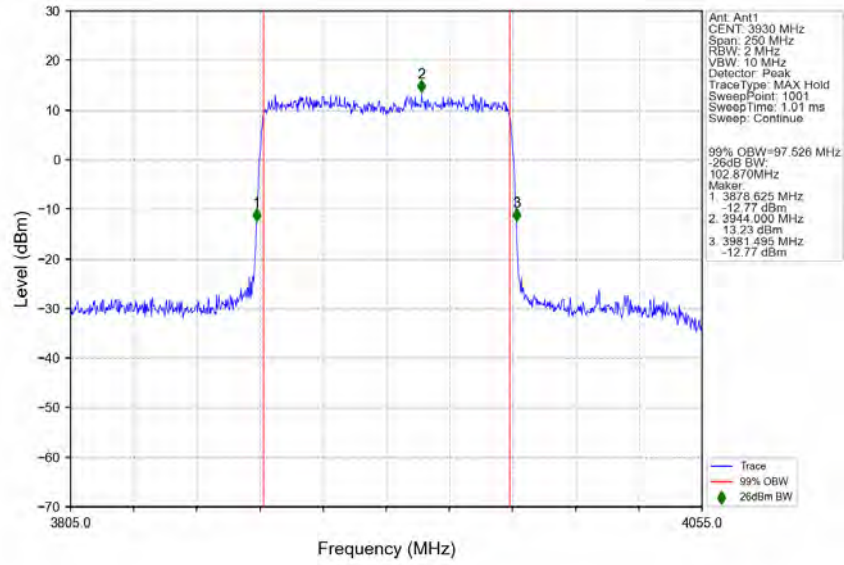
n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



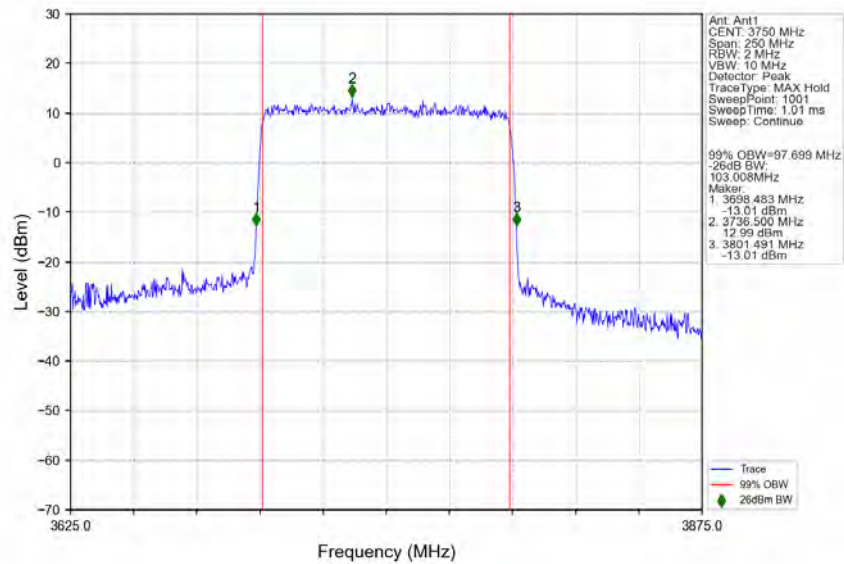
n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



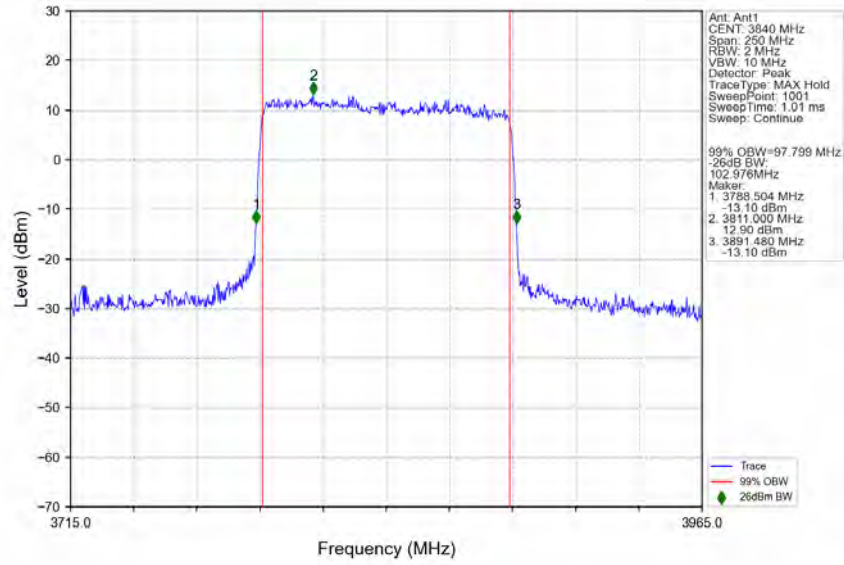
n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3930MHz Outer Full Ant1



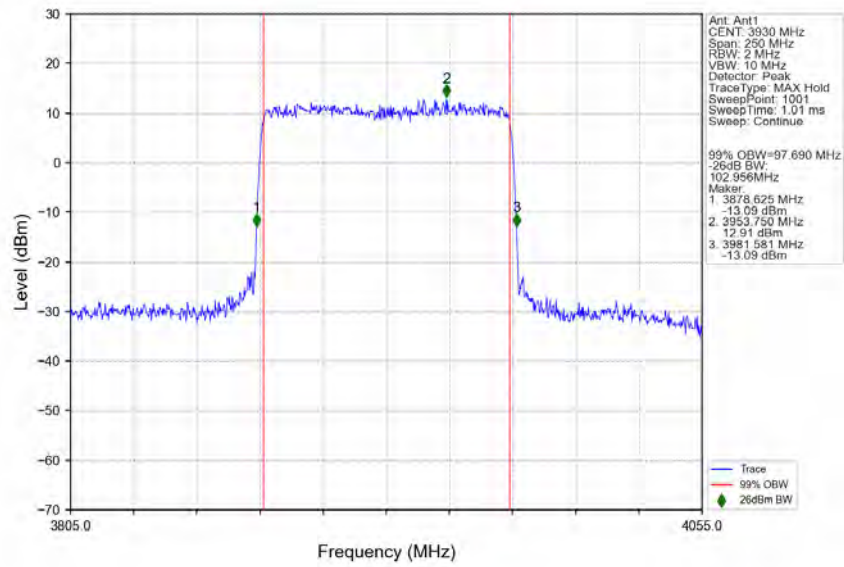
n77a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



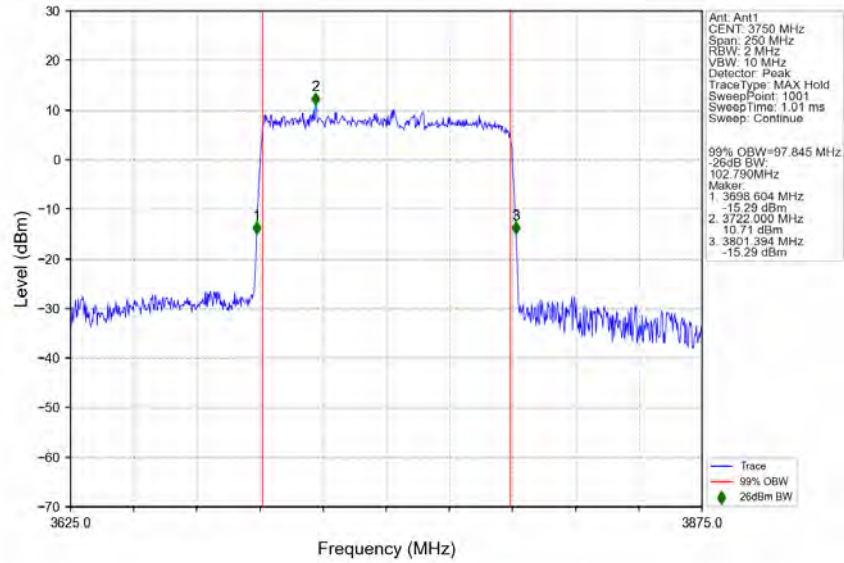
n77a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



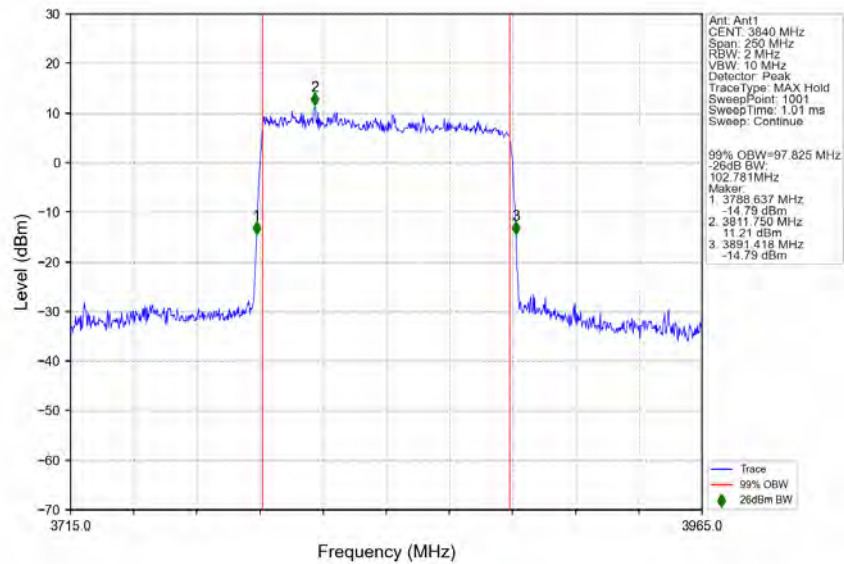
n77a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3930MHz Outer Full Ant1



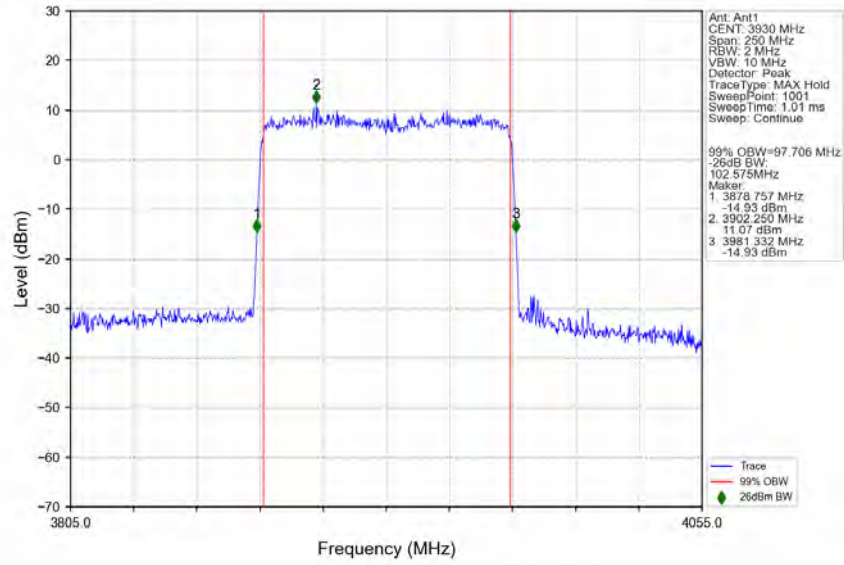
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



n77a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3930MHz Outer Full Ant1



4. Peak-Average Ratio

4.1 Test Result

4.1.1 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	9.92	/	/	<=13	Pass
	3840	Outer_Full	9.92	/	/	<=13	Pass
	3969.99	Outer_Full	9.92	/	/	<=13	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	10.10	/	/	<=13	Pass
	3840	Outer_Full	10.10	/	/	<=13	Pass
	3969.99	Outer_Full	10.10	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	10.28	/	/	<=13	Pass
	3840	Outer_Full	10.28	/	/	<=13	Pass
	3969.99	Outer_Full	10.28	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	10.30	/	/	<=13	Pass
	3840	Outer_Full	10.30	/	/	<=13	Pass
	3969.99	Outer_Full	10.30	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	10.28	/	/	<=13	Pass
	3840	Outer_Full	10.28	/	/	<=13	Pass
	3969.99	Outer_Full	10.30	/	/	<=13	Pass
CP-OFDM QPSK	3710.01	Outer_Full	10.54	/	/	<=13	Pass
	3840	Outer_Full	10.56	/	/	<=13	Pass
	3969.99	Outer_Full	10.60	/	/	<=13	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	10.56	/	/	<=13	Pass
	3840	Outer_Full	10.56	/	/	<=13	Pass
	3969.99	Outer_Full	10.58	/	/	<=13	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	10.56	/	/	<=13	Pass
	3840	Outer_Full	10.58	/	/	<=13	Pass
	3969.99	Outer_Full	10.60	/	/	<=13	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	10.70	/	/	<=13	Pass
	3840	Outer_Full	10.72	/	/	<=13	Pass
	3969.99	Outer_Full	10.82	/	/	<=13	Pass

4.1.2 30k_SISO_30MHz_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Outer_Full	10.58	/	/	<=13	Pass
	3840	Outer_Full	10.26	/	/	<=13	Pass
	3964.98	Outer_Full	10.20	/	/	<=13	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	10.58	/	/	<=13	Pass
	3840	Outer_Full	10.64	/	/	<=13	Pass
	3964.98	Outer_Full	10.58	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	10.50	/	/	<=13	Pass
	3840	Outer_Full	10.50	/	/	<=13	Pass
	3964.98	Outer_Full	10.48	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	10.50	/	/	<=13	Pass
	3840	Outer_Full	10.50	/	/	<=13	Pass
	3964.98	Outer_Full	10.48	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	3715.02	Outer_Full	10.46	/	/	<=13	Pass
	3840	Outer_Full	10.46	/	/	<=13	Pass
	3964.98	Outer_Full	10.46	/	/	<=13	Pass
CP-OFDM QPSK	3715.02	Outer_Full	10.64	/	/	<=13	Pass
	3840	Outer_Full	10.64	/	/	<=13	Pass
	3964.98	Outer_Full	10.68	/	/	<=13	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	10.66	/	/	<=13	Pass
	3840	Outer_Full	10.64	/	/	<=13	Pass
	3964.98	Outer_Full	10.68	/	/	<=13	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	10.66	/	/	<=13	Pass
	3840	Outer_Full	10.64	/	/	<=13	Pass
	3964.98	Outer_Full	10.68	/	/	<=13	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	10.76	/	/	<=13	Pass
	3840	Outer_Full	10.76	/	/	<=13	Pass
	3964.98	Outer_Full	10.86	/	/	<=13	Pass

4.1.3 30k_SISO_40MHz_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Outer_Full	10.24	/	/	<=13	Pass
	3840	Outer_Full	10.22	/	/	<=13	Pass
	3960	Outer_Full	10.20	/	/	<=13	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	10.64	/	/	<=13	Pass
	3840	Outer_Full	10.66	/	/	<=13	Pass
	3960	Outer_Full	10.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	10.80	/	/	<=13	Pass
	3840	Outer_Full	10.80	/	/	<=13	Pass
	3960	Outer_Full	10.80	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	10.80	/	/	<=13	Pass
	3840	Outer_Full	10.82	/	/	<=13	Pass
	3960	Outer_Full	10.82	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	10.80	/	/	<=13	Pass
	3840	Outer_Full	10.80	/	/	<=13	Pass
	3960	Outer_Full	10.82	/	/	<=13	Pass
CP-OFDM QPSK	3720	Outer_Full	11.08	/	/	<=13	Pass
	3840	Outer_Full	11.10	/	/	<=13	Pass
	3960	Outer_Full	11.14	/	/	<=13	Pass
CP-OFDM 16 QAM	3720	Outer_Full	11.10	/	/	<=13	Pass
	3840	Outer_Full	11.10	/	/	<=13	Pass
	3960	Outer_Full	11.16	/	/	<=13	Pass
CP-OFDM 64 QAM	3720	Outer_Full	11.12	/	/	<=13	Pass
	3840	Outer_Full	11.12	/	/	<=13	Pass
	3960	Outer_Full	11.18	/	/	<=13	Pass
CP-OFDM 256 QAM	3720	Outer_Full	11.26	/	/	<=13	Pass
	3840	Outer_Full	11.26	/	/	<=13	Pass
	3960	Outer_Full	11.38	/	/	<=13	Pass

4.1.4 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Outer_Full	11.78	/	/	<=13	Pass
	3840	Outer_Full	11.72	/	/	<=13	Pass

	3949.98	Outer_Full	11.68	/	/	<=13	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	12.00	/	/	<=13	Pass
	3840	Outer_Full	12.00	/	/	<=13	Pass
	3949.98	Outer_Full	11.98	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	12.06	/	/	<=13	Pass
	3840	Outer_Full	12.04	/	/	<=13	Pass
	3949.98	Outer_Full	12.00	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	12.04	/	/	<=13	Pass
	3840	Outer_Full	12.02	/	/	<=13	Pass
	3949.98	Outer_Full	12.00	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	12.00	/	/	<=13	Pass
	3840	Outer_Full	11.96	/	/	<=13	Pass
	3949.98	Outer_Full	11.92	/	/	<=13	Pass
CP-OFDM QPSK	3730.02	Outer_Full	12.34	/	/	<=13	Pass
	3840	Outer_Full	12.32	/	/	<=13	Pass
	3949.98	Outer_Full	12.30	/	/	<=13	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	12.32	/	/	<=13	Pass
	3840	Outer_Full	12.30	/	/	<=13	Pass
	3949.98	Outer_Full	12.32	/	/	<=13	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	12.34	/	/	<=13	Pass
	3840	Outer_Full	12.32	/	/	<=13	Pass
	3949.98	Outer_Full	12.32	/	/	<=13	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	12.36	/	/	<=13	Pass
	3840	Outer_Full	12.36	/	/	<=13	Pass
	3949.98	Outer_Full	12.38	/	/	<=13	Pass

4.1.5 30k_SISO_80MHz_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Outer_Full	12.34	/	/	<=13	Pass
	3840	Outer_Full	12.30	/	/	<=13	Pass
	3939.99	Outer_Full	12.28	/	/	<=13	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	12.66	/	/	<=13	Pass
	3840	Outer_Full	12.62	/	/	<=13	Pass
	3939.99	Outer_Full	12.60	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	12.66	/	/	<=13	Pass
	3840	Outer_Full	12.60	/	/	<=13	Pass
	3939.99	Outer_Full	12.60	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	12.64	/	/	<=13	Pass
	3840	Outer_Full	12.60	/	/	<=13	Pass
	3939.99	Outer_Full	12.58	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	12.52	/	/	<=13	Pass
	3840	Outer_Full	12.48	/	/	<=13	Pass
	3939.99	Outer_Full	12.46	/	/	<=13	Pass
CP-OFDM QPSK	3740.01	Outer_Full	12.74	/	/	<=13	Pass
	3840	Outer_Full	12.74	/	/	<=13	Pass
	3939.99	Outer_Full	12.74	/	/	<=13	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	12.74	/	/	<=13	Pass
	3840	Outer_Full	12.74	/	/	<=13	Pass
	3939.99	Outer_Full	12.74	/	/	<=13	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	12.74	/	/	<=13	Pass
	3840	Outer_Full	12.74	/	/	<=13	Pass
	3939.99	Outer_Full	12.74	/	/	<=13	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	12.78	/	/	<=13	Pass
	3840	Outer_Full	12.80	/	/	<=13	Pass

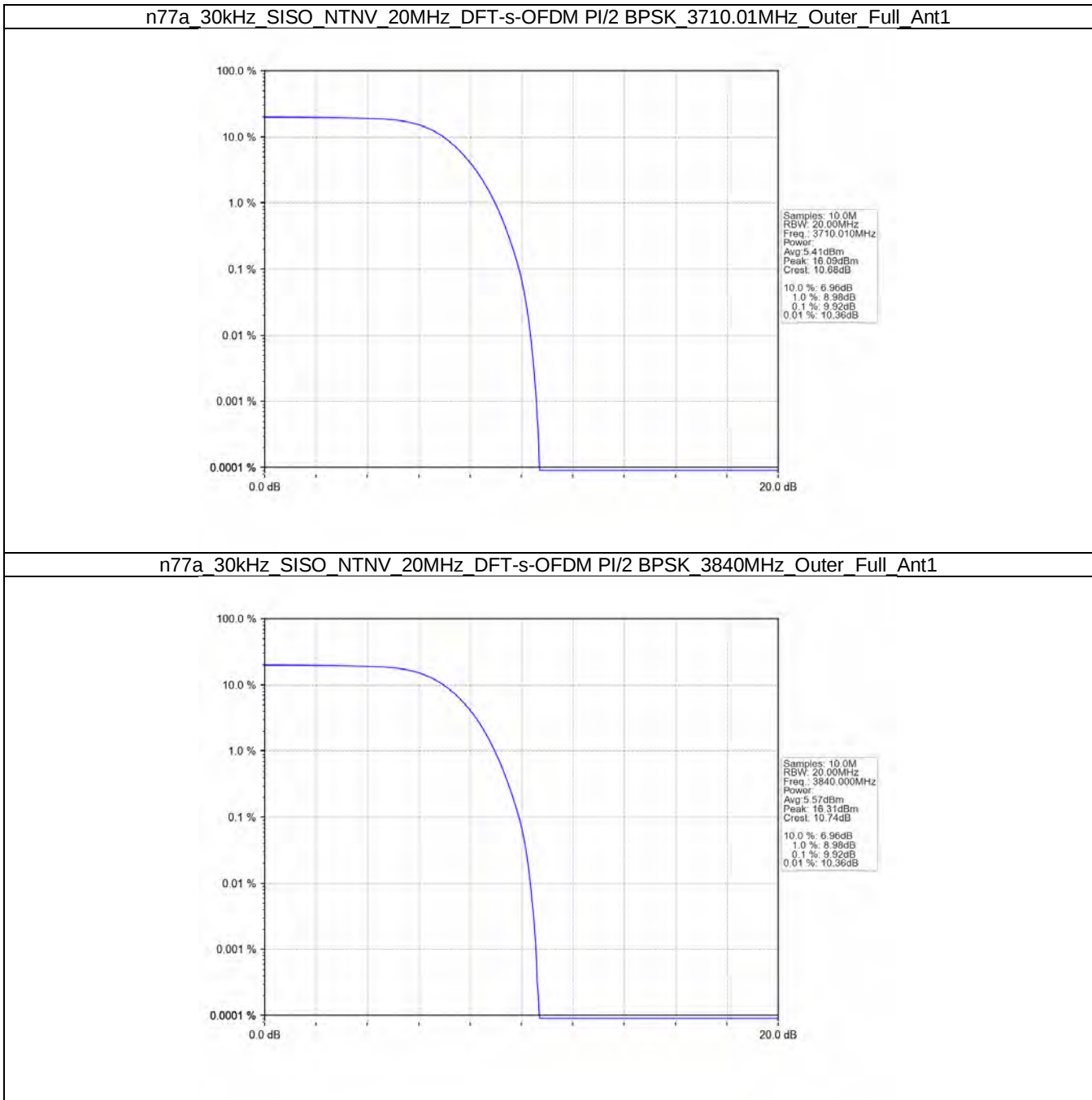
	3939.99	Outer Full	12.82	/	/	<=13	Pass
--	---------	------------	-------	---	---	------	------

4.1.6 30k_SISO_100MHz_NTNV

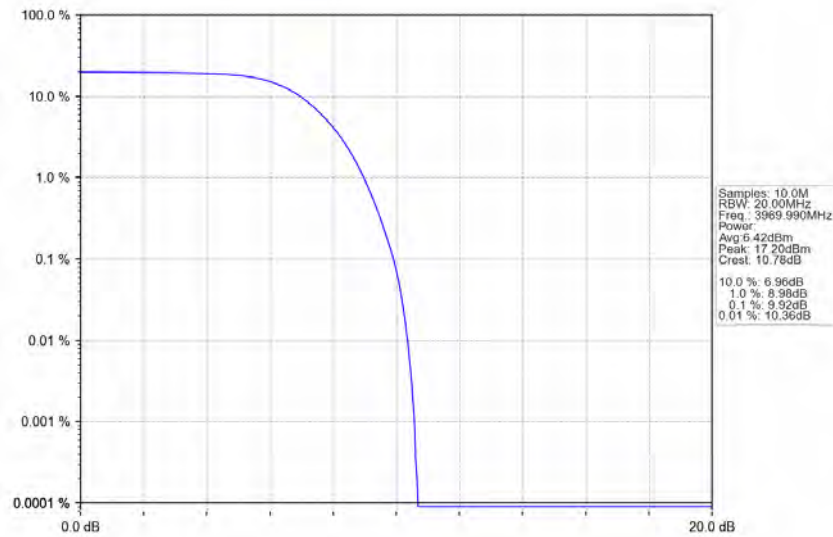
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer Full	9.58	/	/	<=13	Pass
	3840	Outer Full	9.84	/	/	<=13	Pass
	3930	Outer Full	9.70	/	/	<=13	Pass
DFT-s-OFDM QPSK	3750	Outer Full	10.02	/	/	<=13	Pass
	3840	Outer Full	10.10	/	/	<=13	Pass
	3930	Outer Full	10.28	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	10.08	/	/	<=13	Pass
	3840	Outer Full	10.42	/	/	<=13	Pass
	3930	Outer Full	10.36	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	10.08	/	/	<=13	Pass
	3840	Outer Full	10.48	/	/	<=13	Pass
	3930	Outer Full	10.66	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	10.28	/	/	<=13	Pass
	3840	Outer Full	10.70	/	/	<=13	Pass
	3930	Outer Full	10.62	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer Full	10.44	/	/	<=13	Pass
	3840	Outer Full	10.98	/	/	<=13	Pass
	3930	Outer Full	10.74	/	/	<=13	Pass
CP-OFDM 16 QAM	3750	Outer Full	10.20	/	/	<=13	Pass
	3840	Outer Full	10.84	/	/	<=13	Pass
	3930	Outer Full	10.74	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer Full	10.22	/	/	<=13	Pass
	3840	Outer Full	11.08	/	/	<=13	Pass
	3930	Outer Full	10.92	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer Full	10.36	/	/	<=13	Pass
	3840	Outer Full	10.94	/	/	<=13	Pass
	3930	Outer Full	10.60	/	/	<=13	Pass

4.2 Test Graph

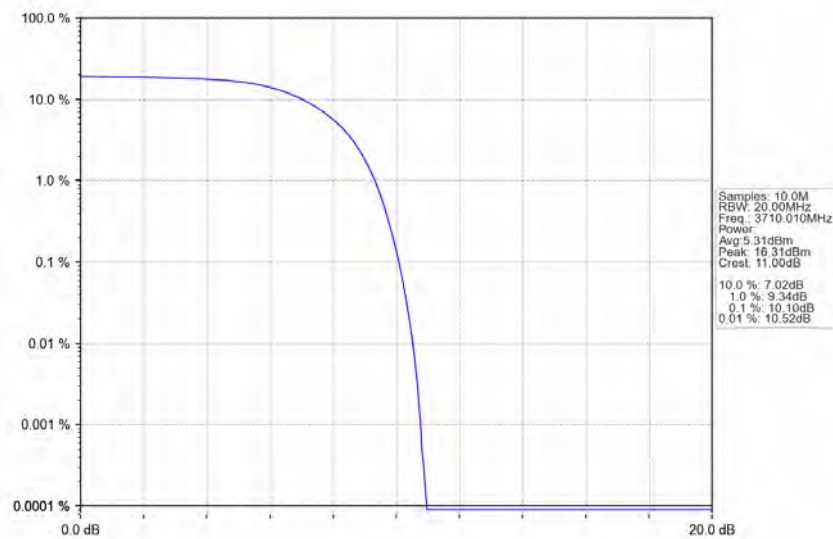
4.2.1 30k_SISO_20MHz_NTNV



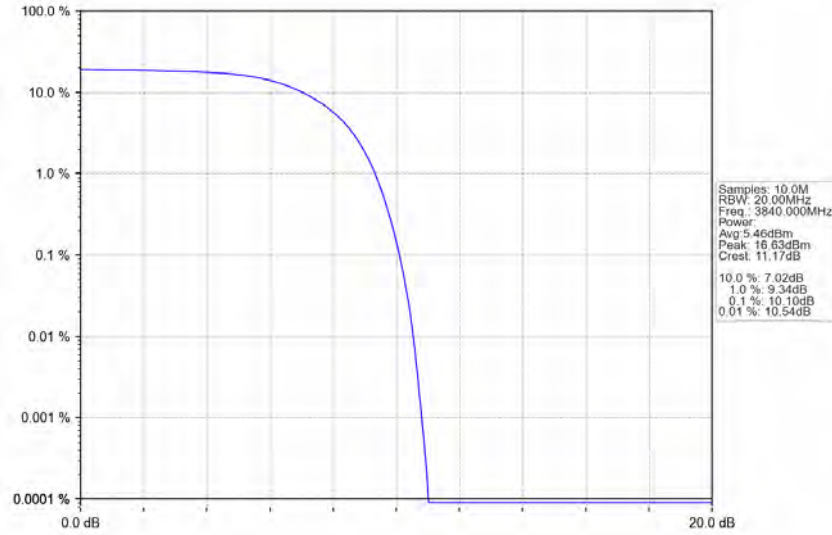
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3969.99MHz Outer Full Ant1



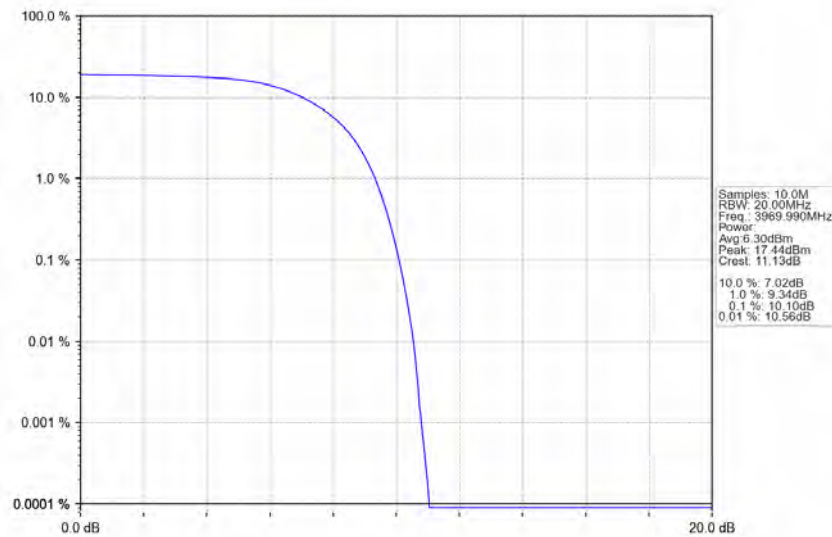
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full Ant1



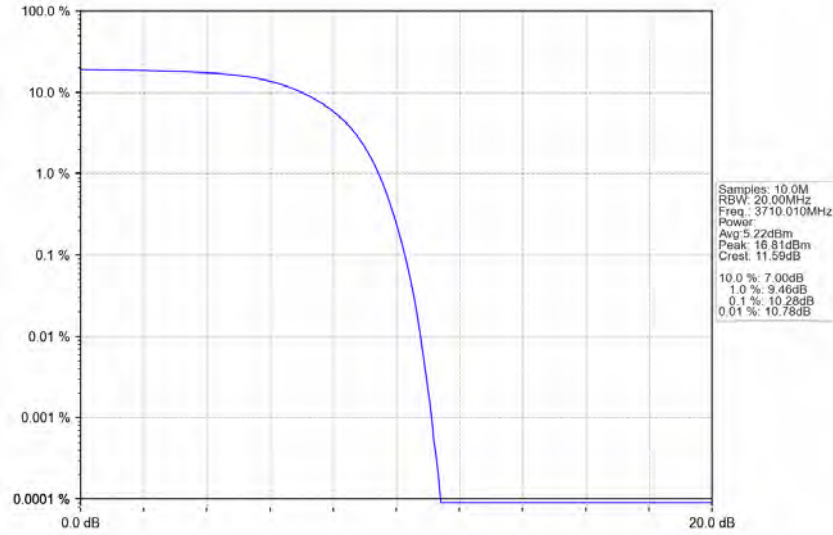
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant1



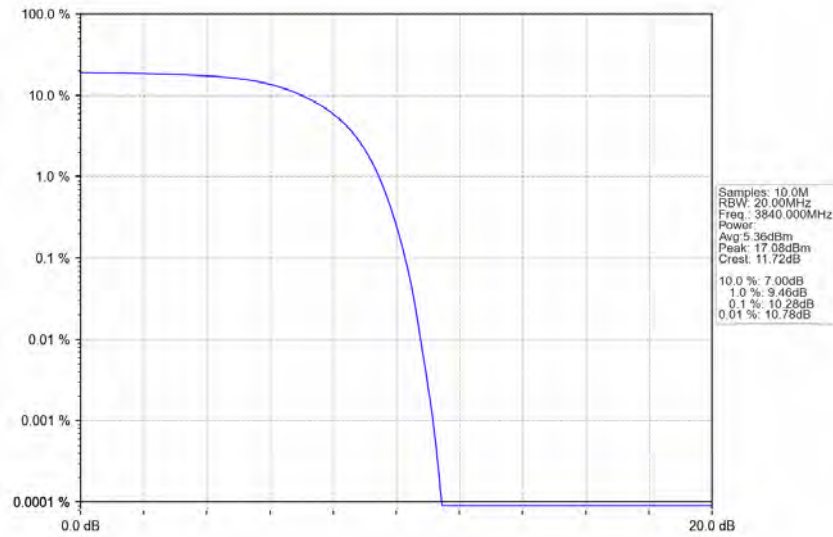
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3969.99MHz Outer Full Ant1



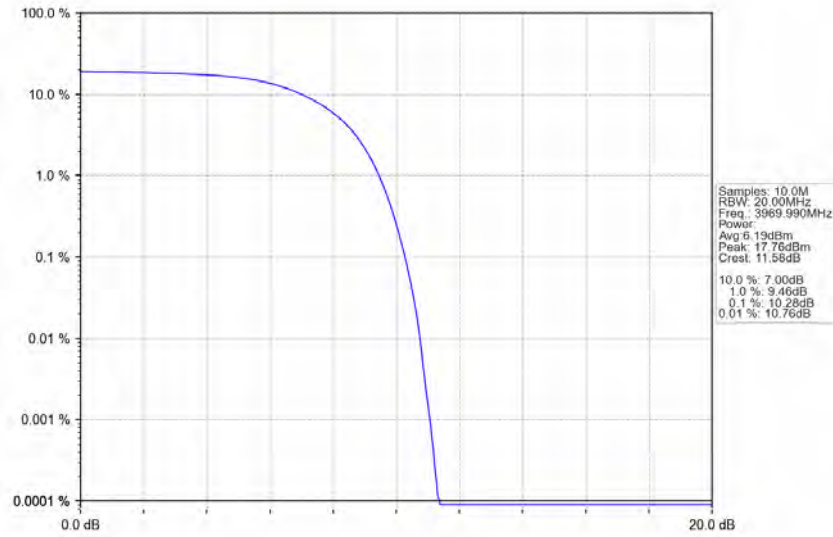
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3710.01MHz Outer Full Ant1



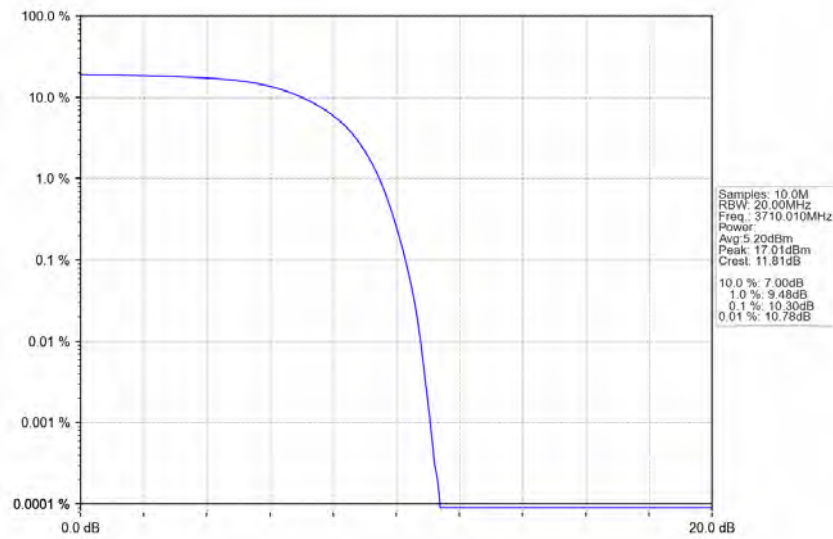
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



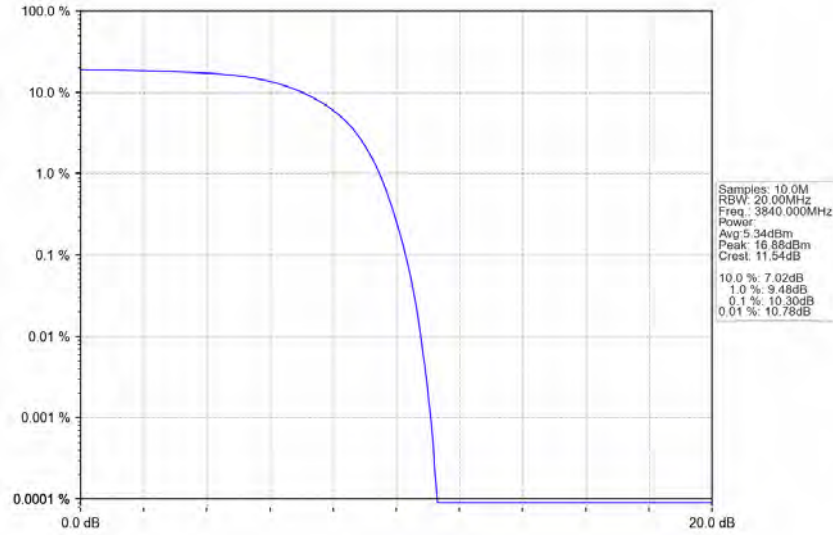
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3969.99MHz Outer Full Ant1



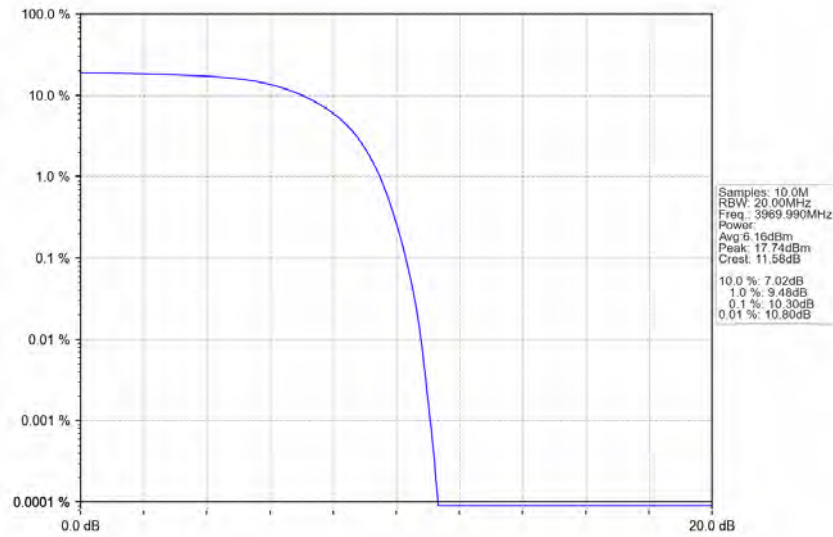
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3710.01MHz Outer Full Ant1



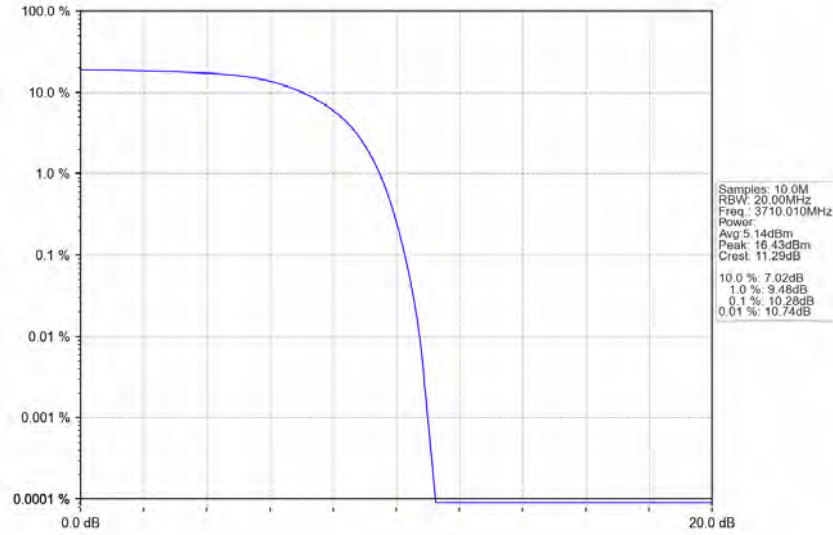
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



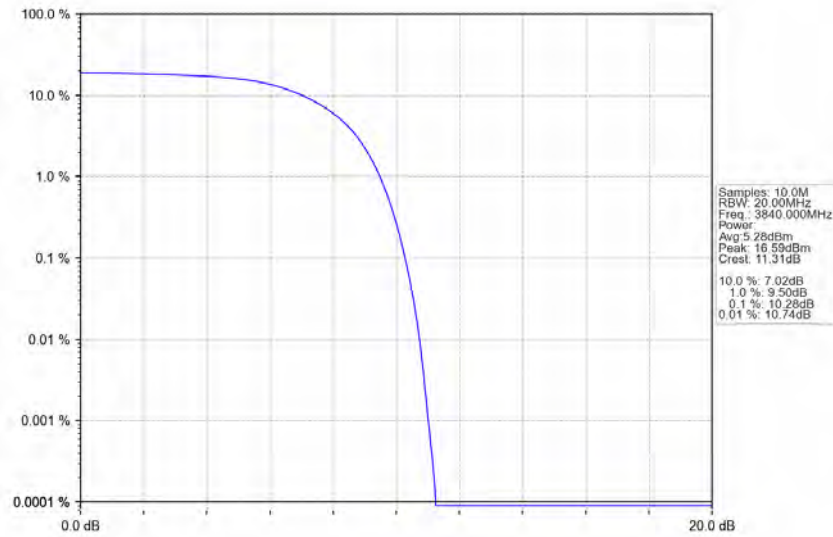
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3969.99MHz_Outer_Full_Ant1



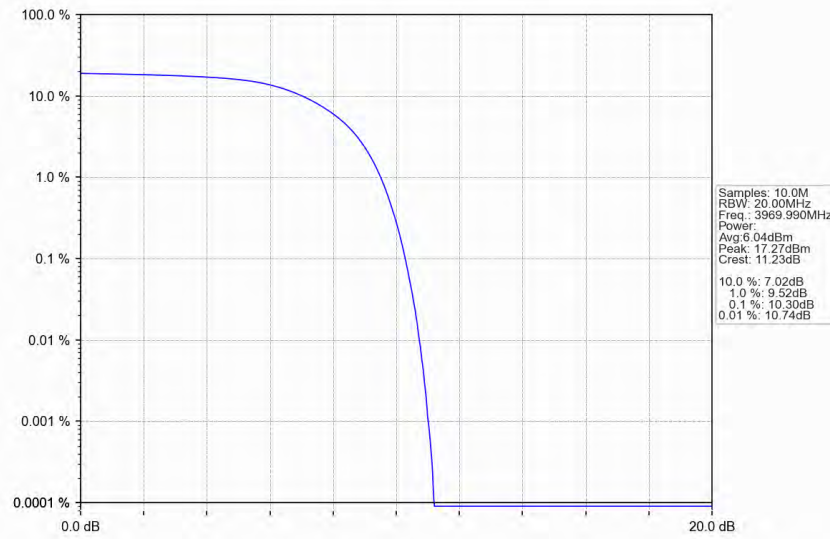
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3710.01MHz Outer Full Ant1



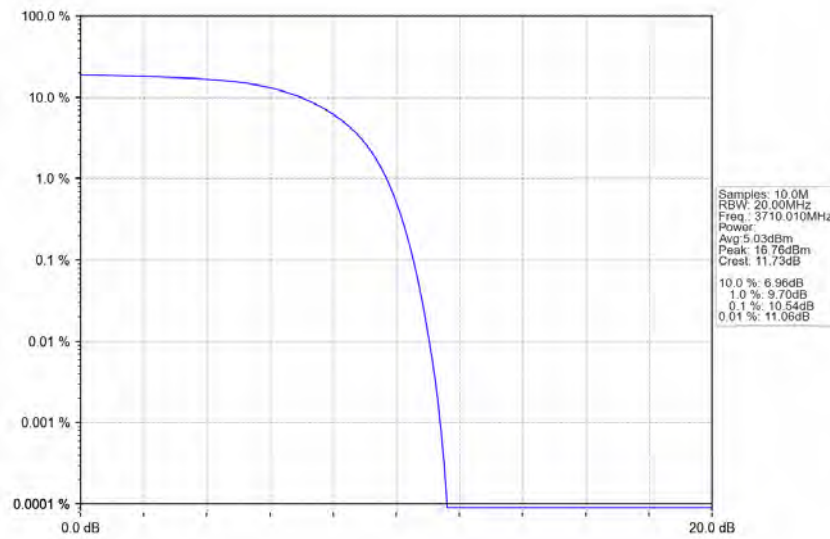
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



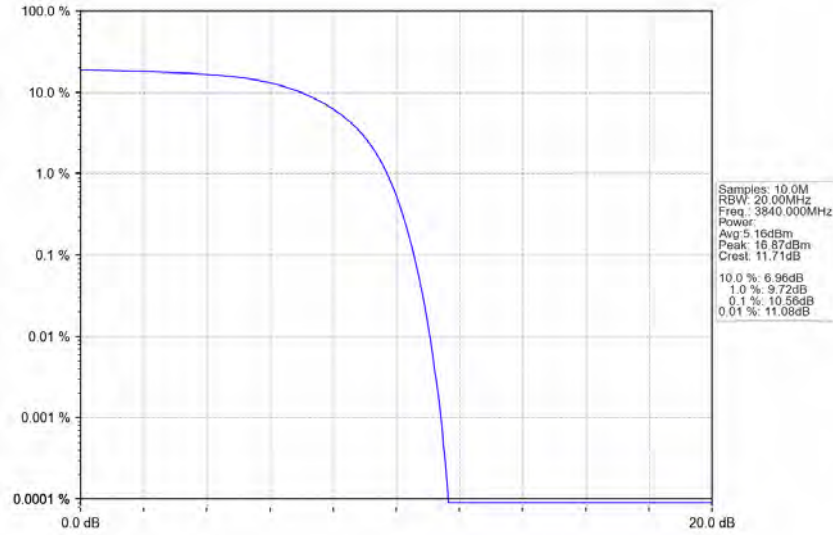
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3969.99MHz Outer Full Ant1



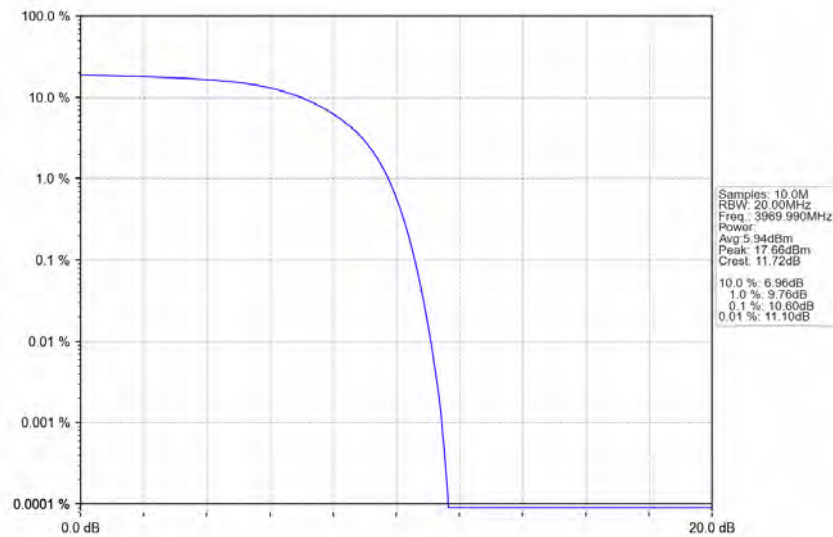
n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3710.01MHz Outer Full Ant1



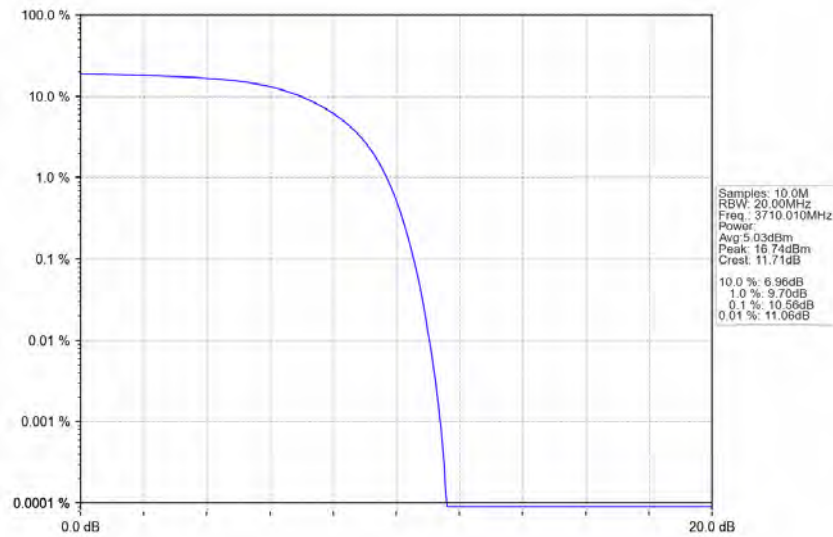
n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



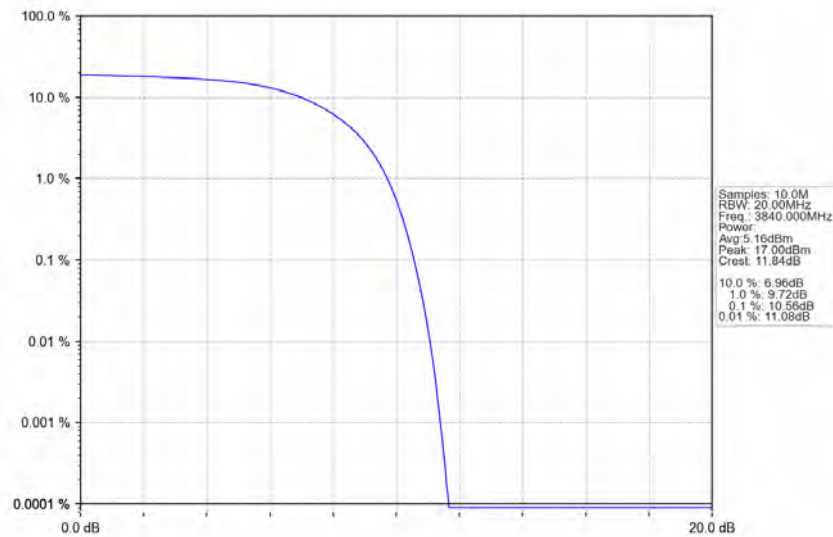
n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3969.99MHz Outer Full Ant1



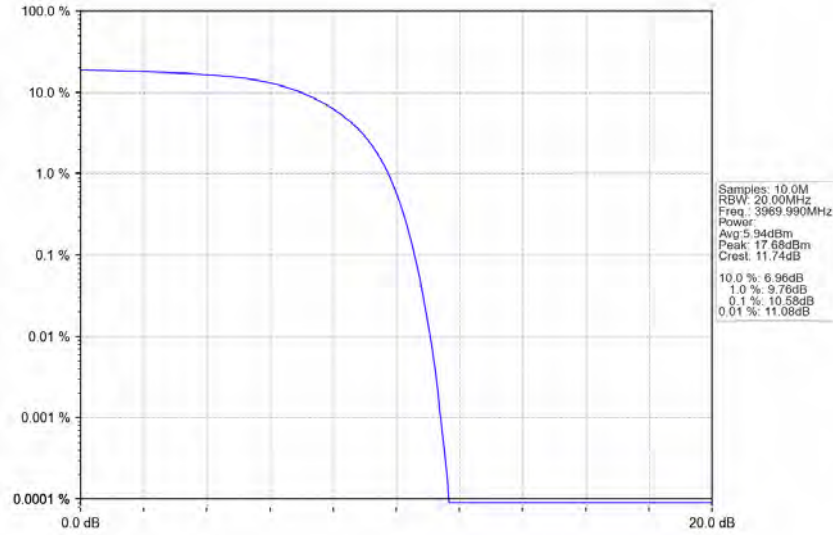
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3710.01MHz_Outer_Full_Ant1



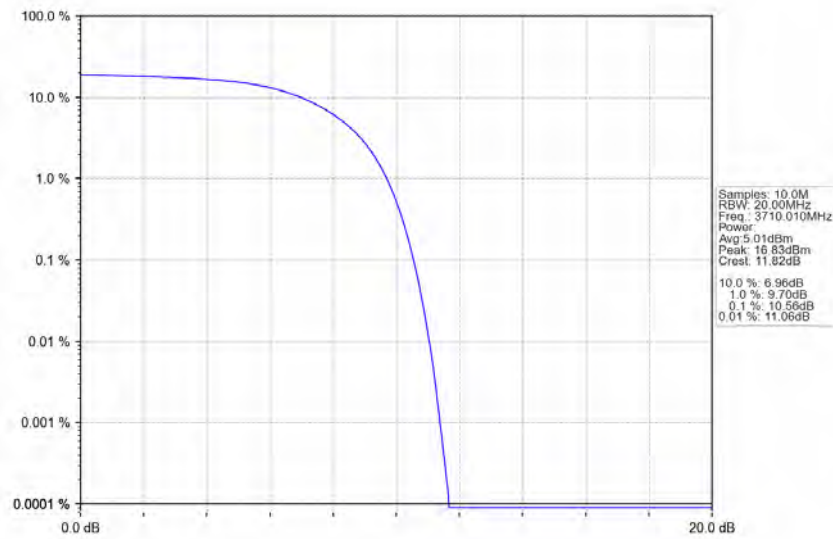
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



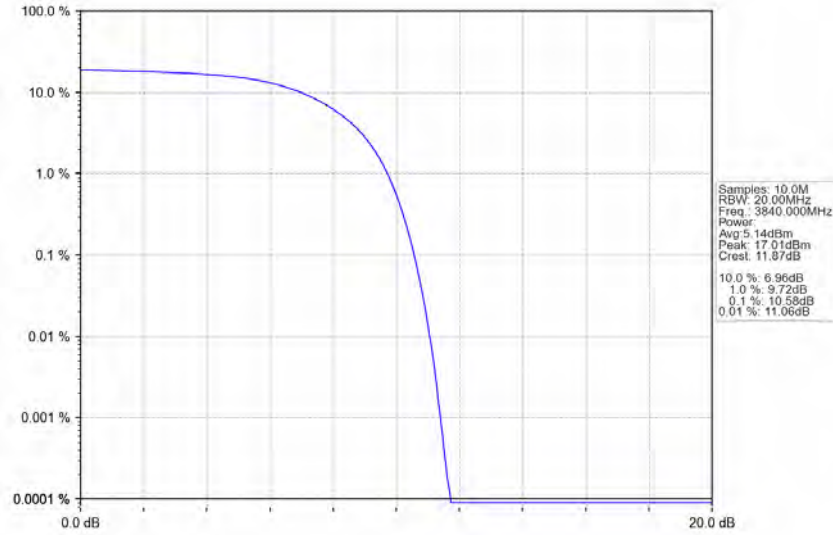
n77a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3969.99MHz Outer Full Ant1



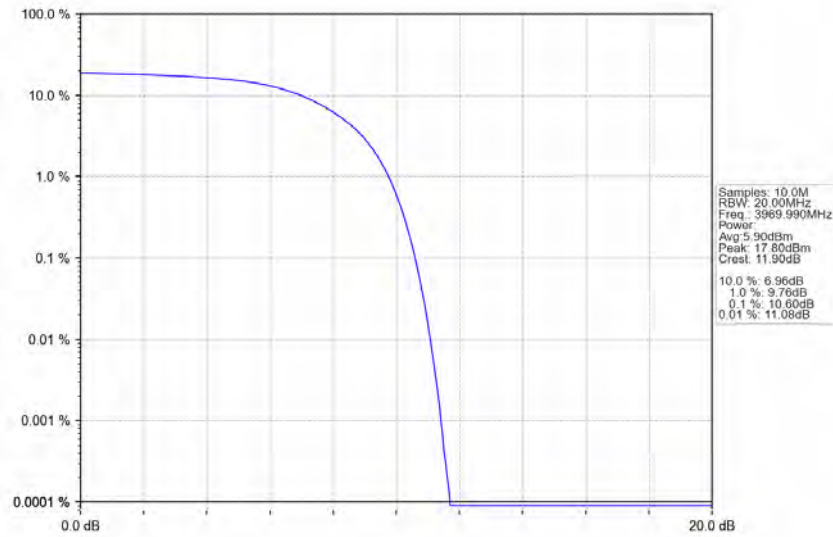
n77a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3710.01MHz Outer Full Ant1



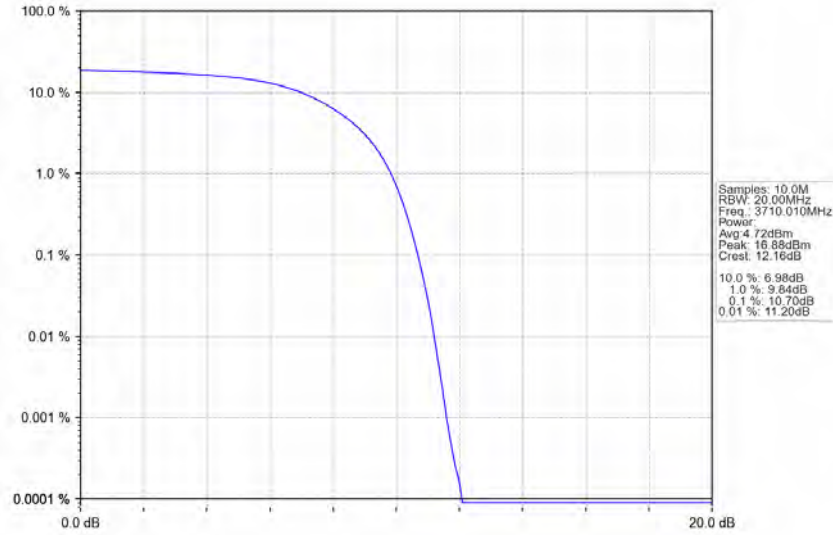
n77a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



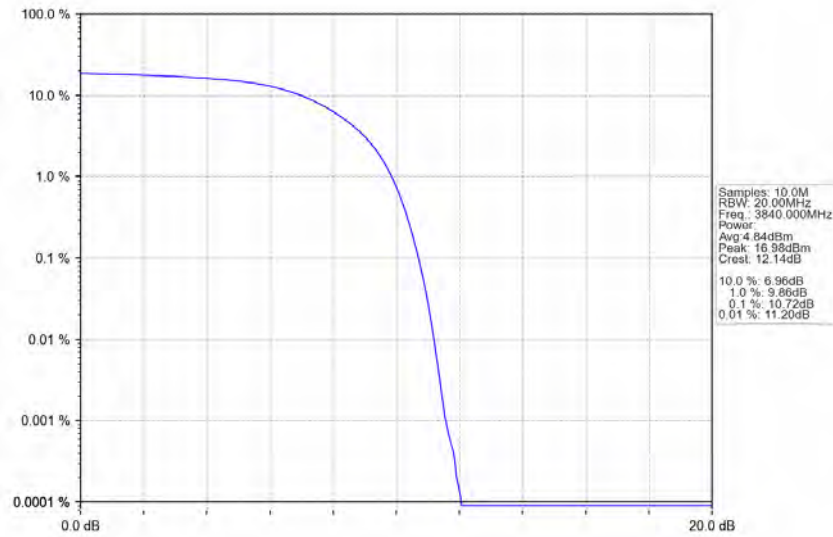
n77a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3969.99MHz Outer Full Ant1



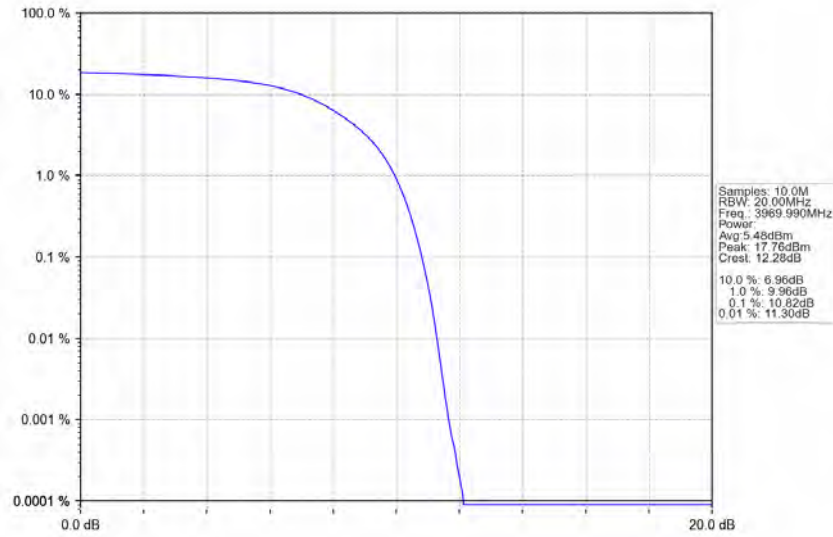
n77a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3710.01MHz Outer Full Ant1



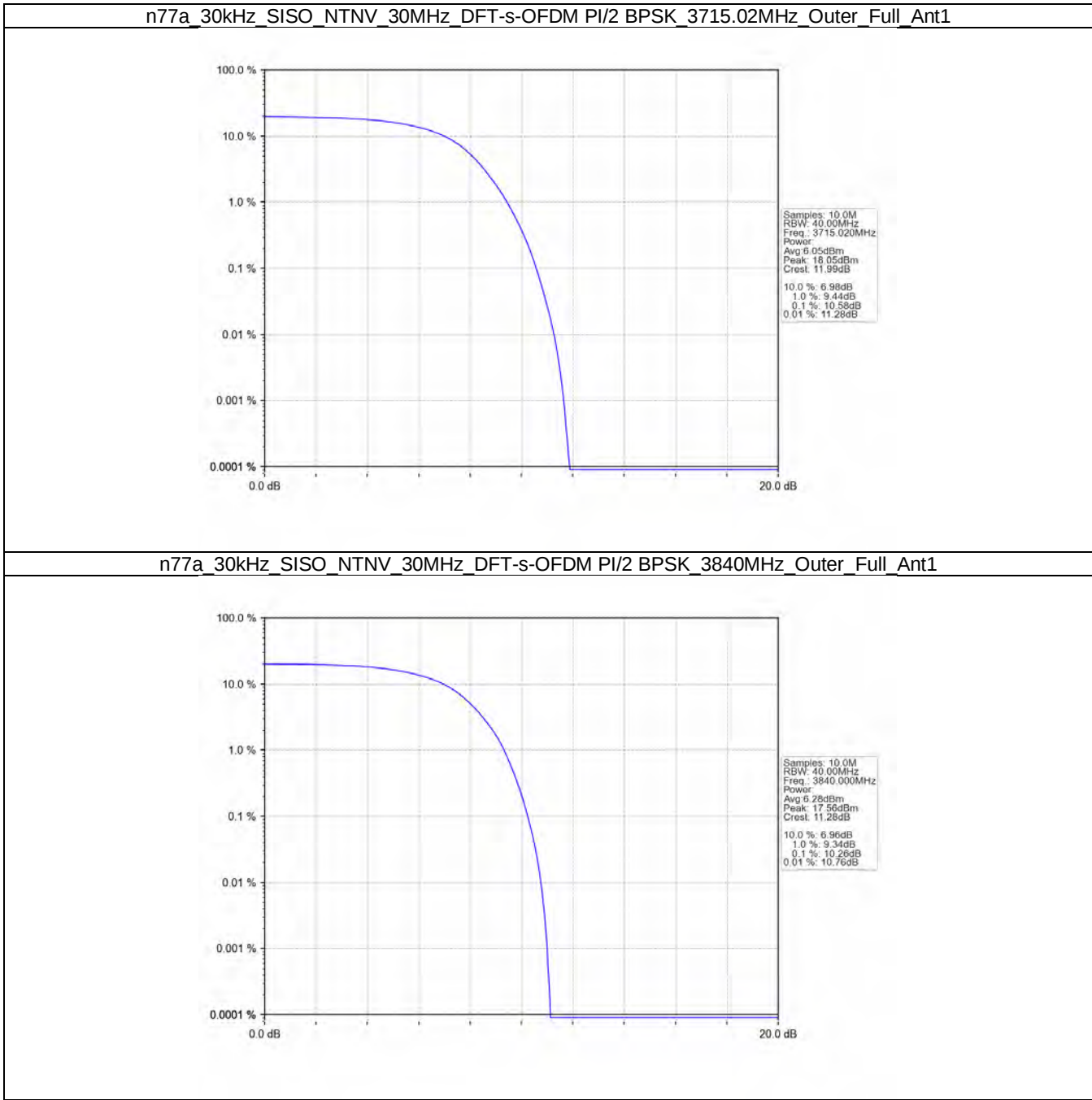
n77a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1



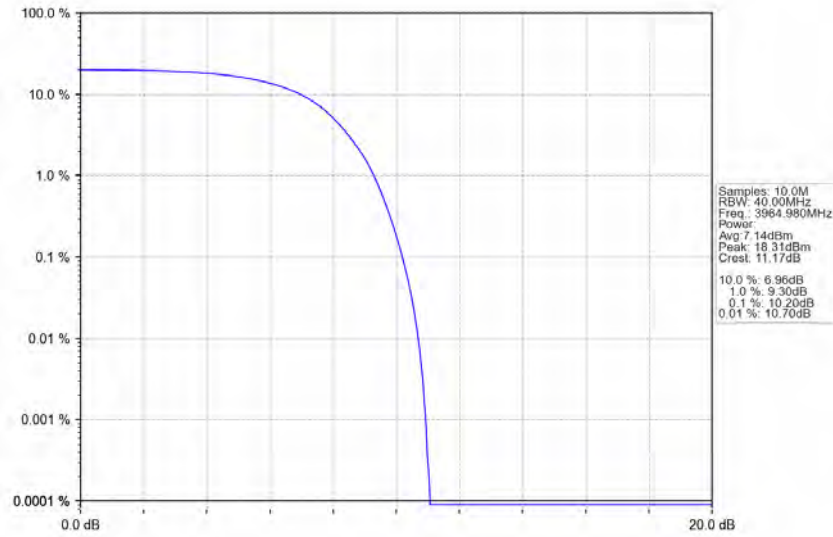
n77a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3969.99MHz Outer Full Ant1



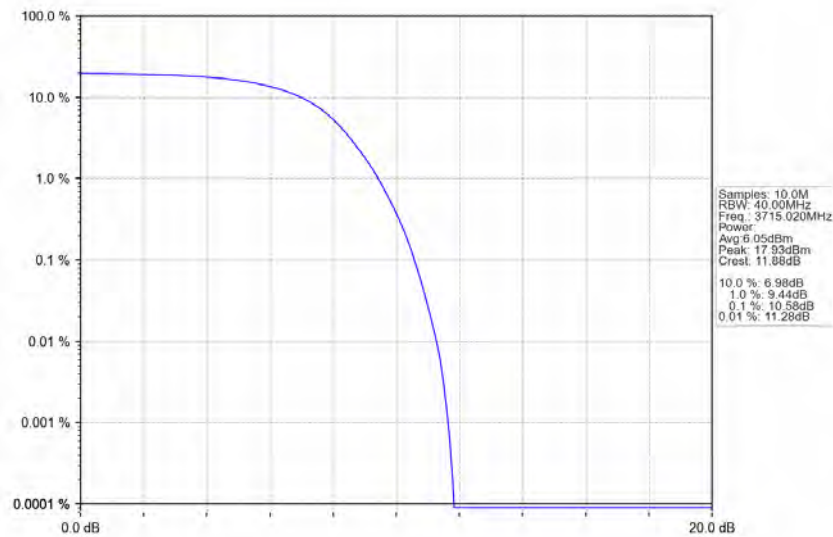
4.2.2 30k_SISO_30MHz_NTNV



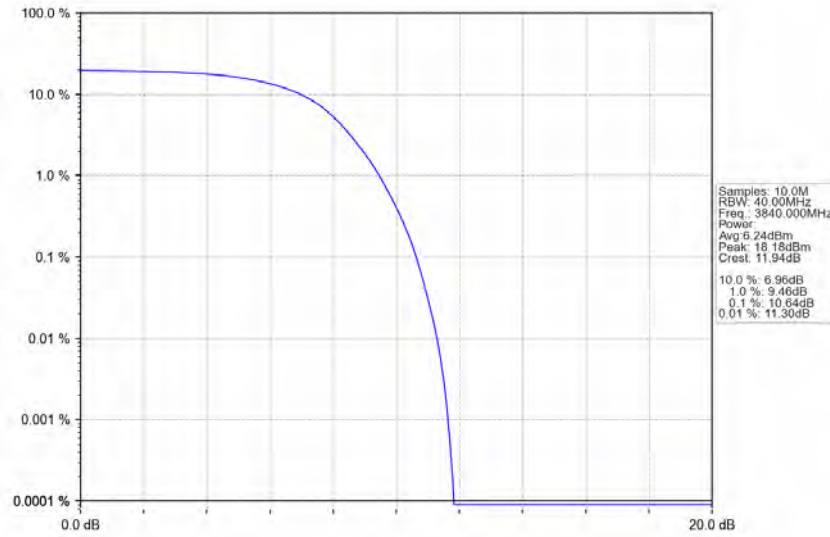
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3964.98MHz Outer Full Ant1



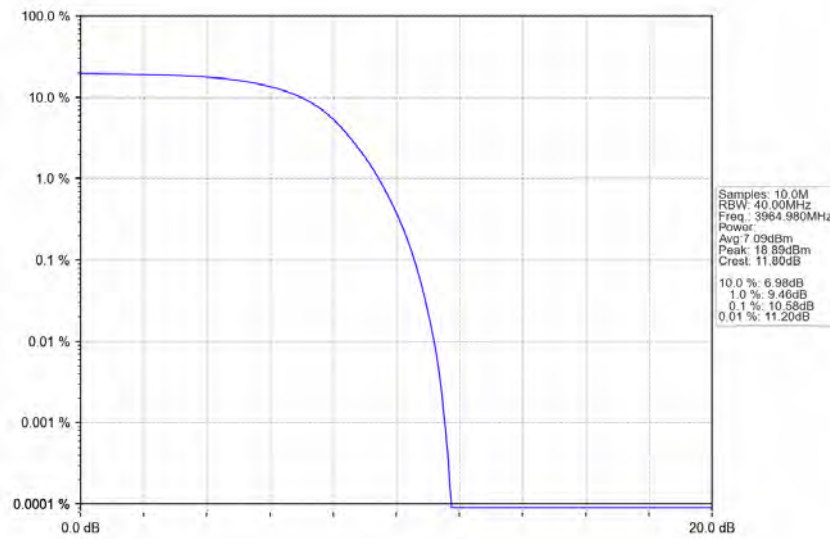
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full Ant1



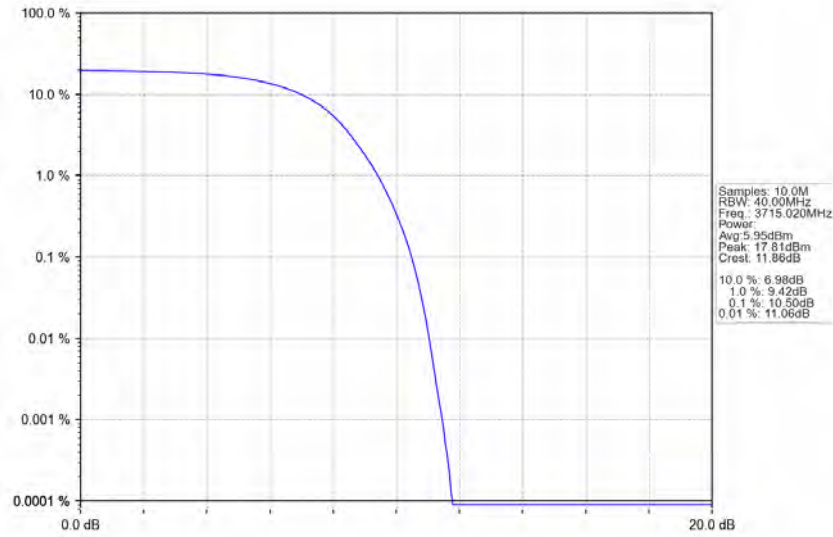
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant1



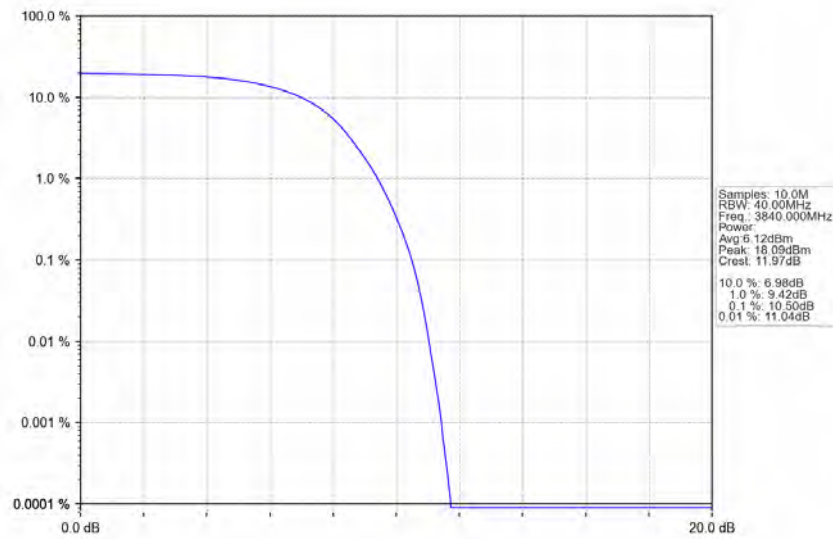
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3964.98MHz Outer Full Ant1



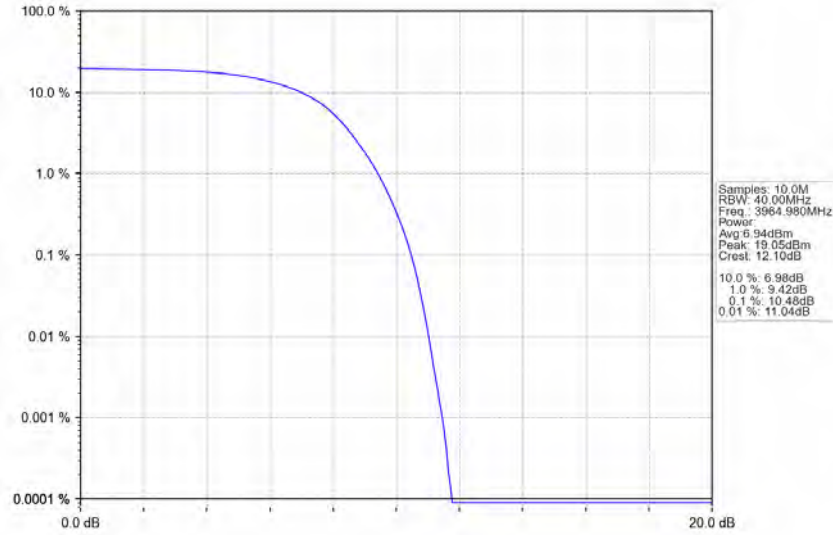
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3715.02MHz Outer Full Ant1



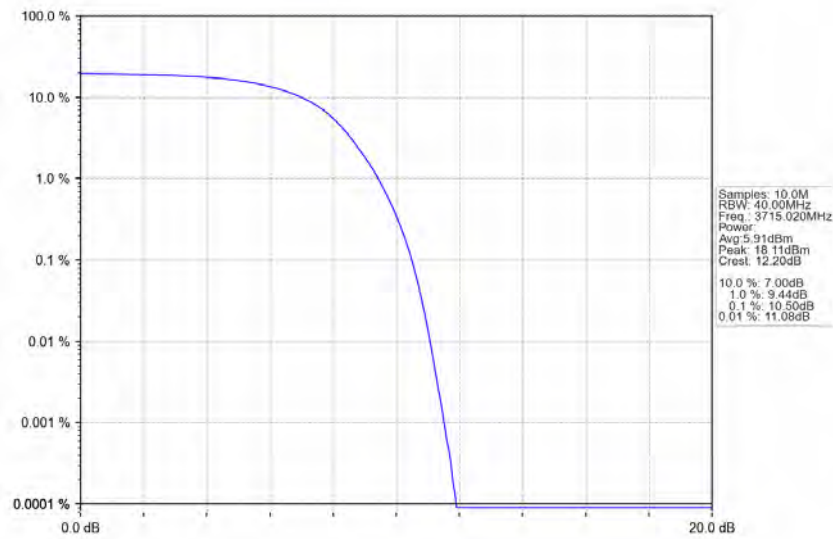
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



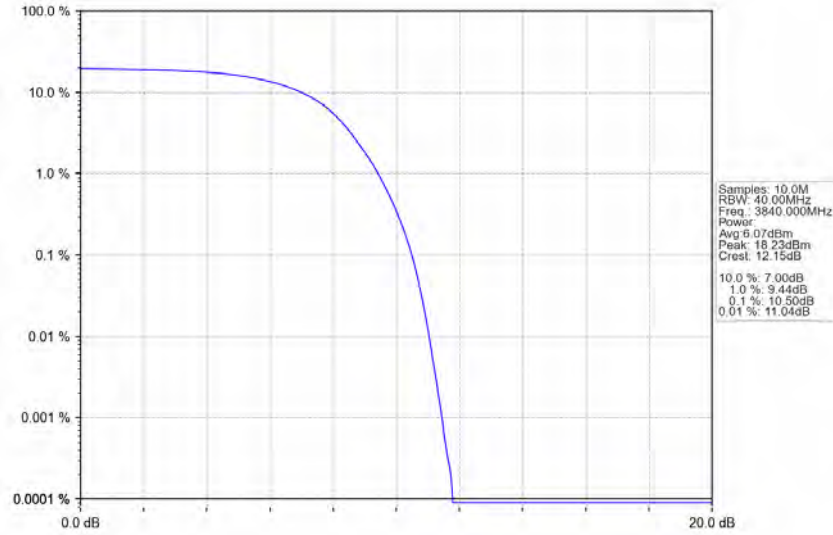
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3964.98MHz_Outer_Full_Ant1



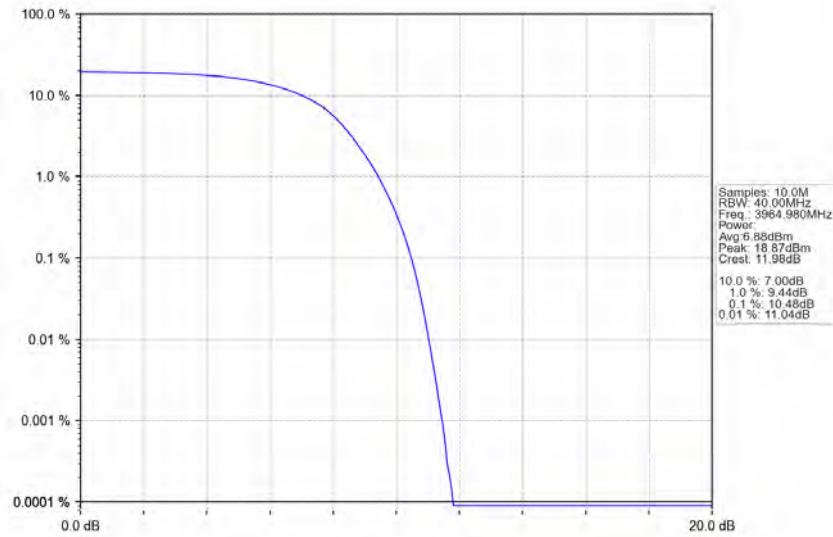
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3715.02MHz_Outer_Full_Ant1



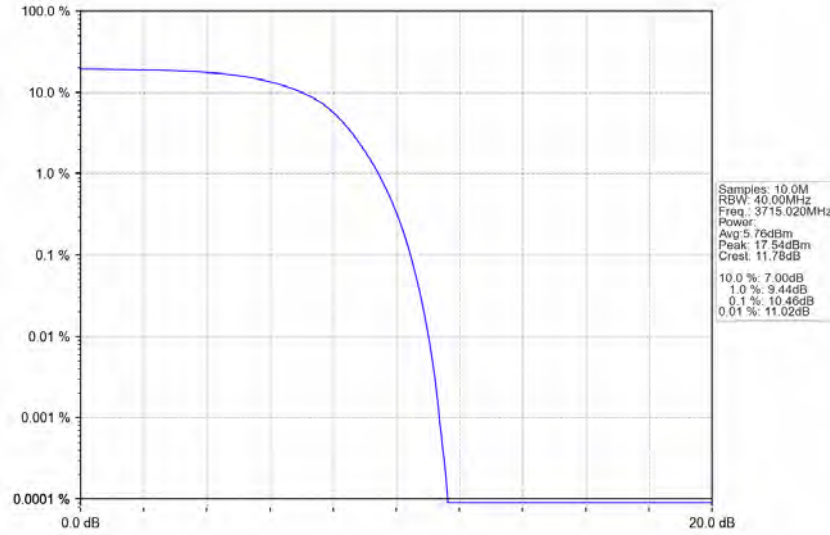
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



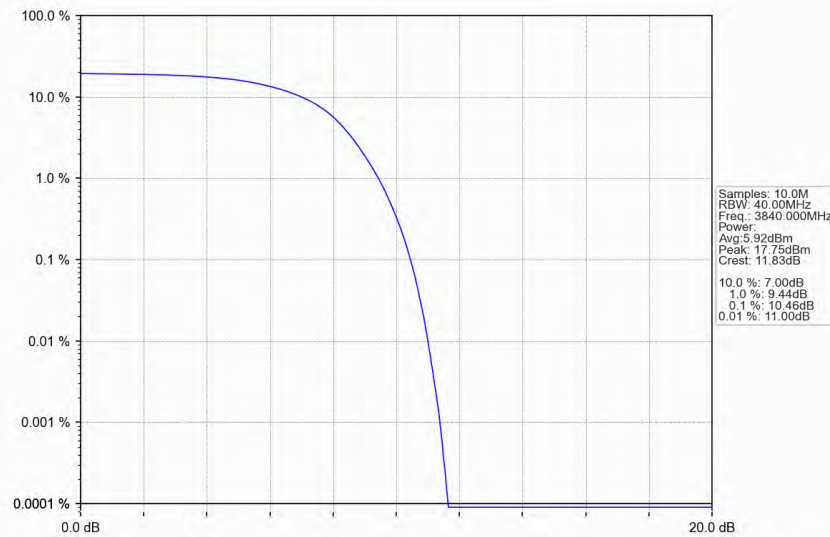
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3964.98MHz_Outer_Full_Ant1



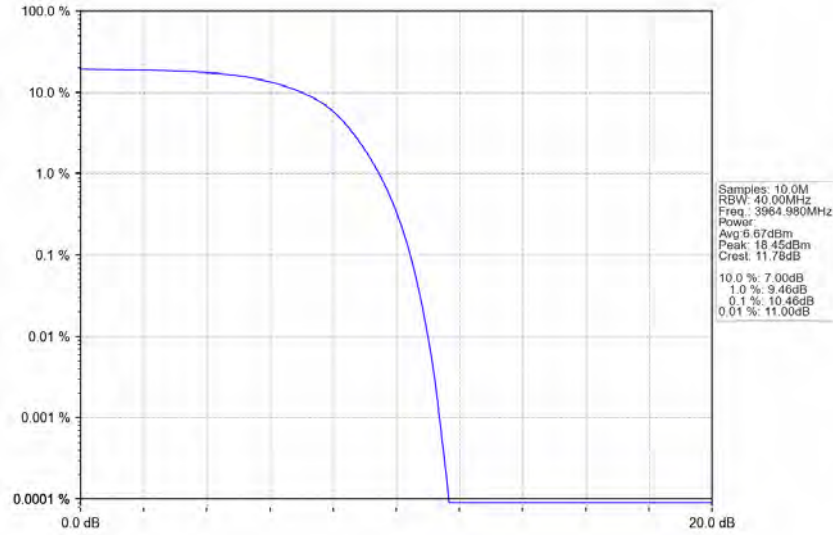
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3715.02MHz Outer Full Ant1



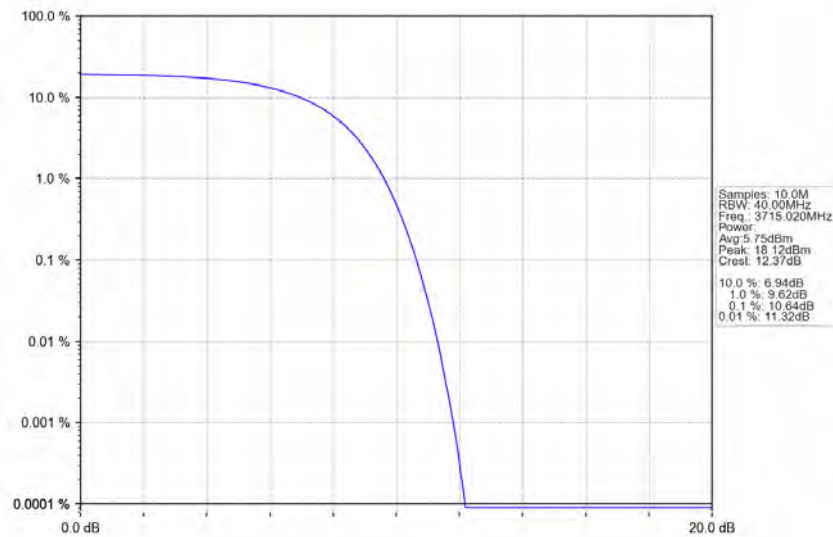
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



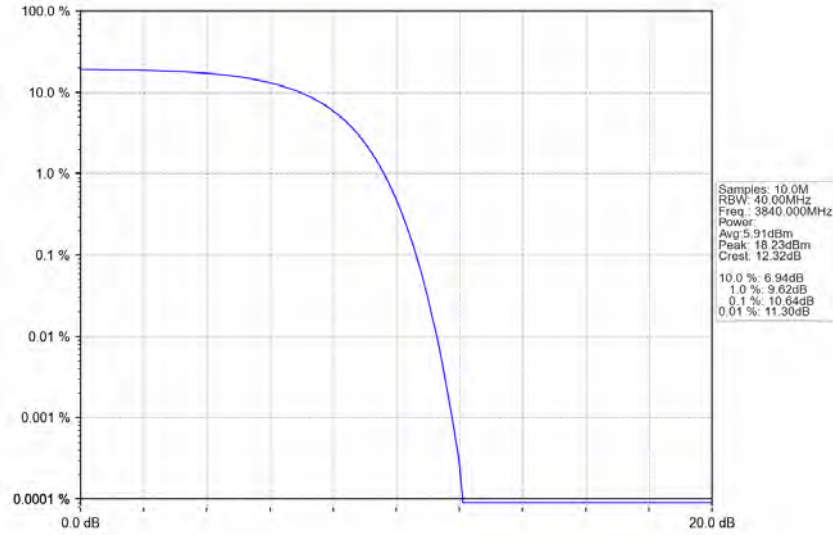
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3964.98MHz Outer Full Ant1



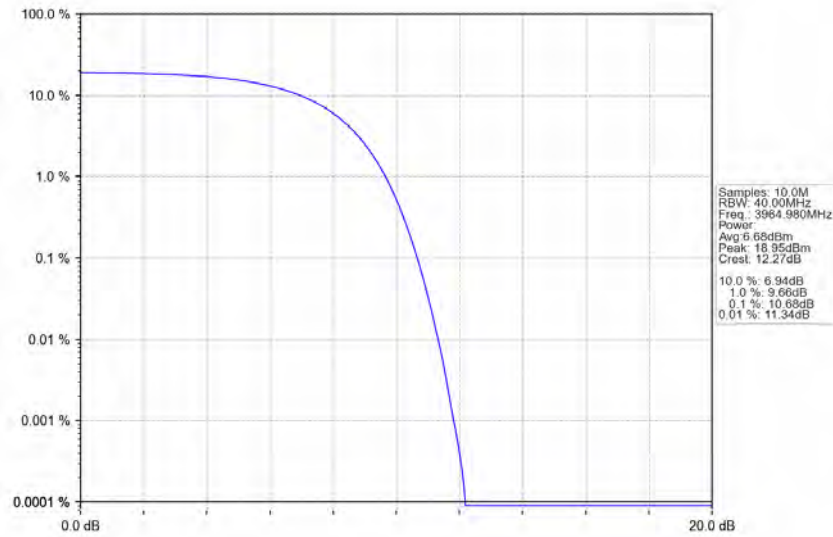
n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3715.02MHz Outer Full Ant1



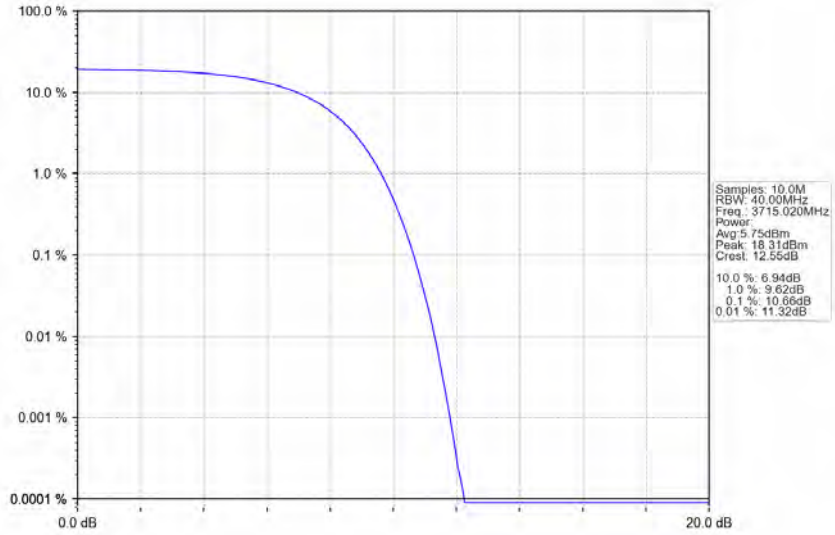
n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



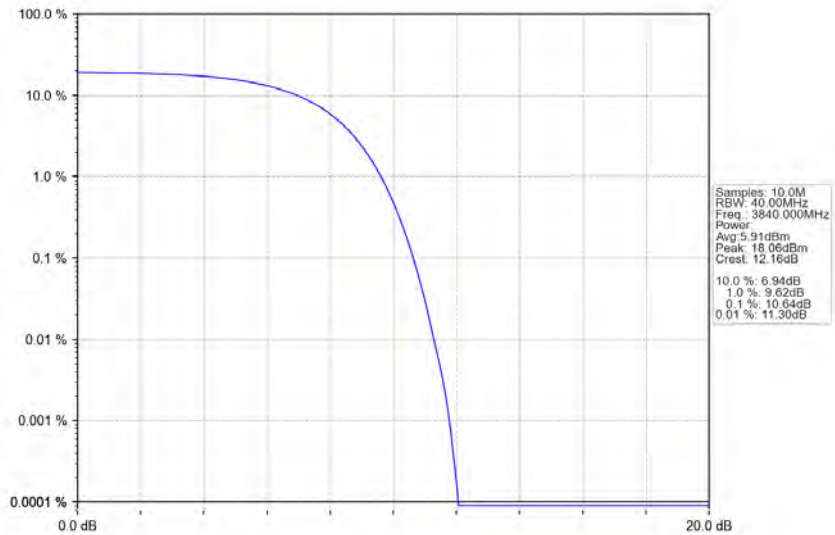
n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3964.98MHz Outer Full Ant1



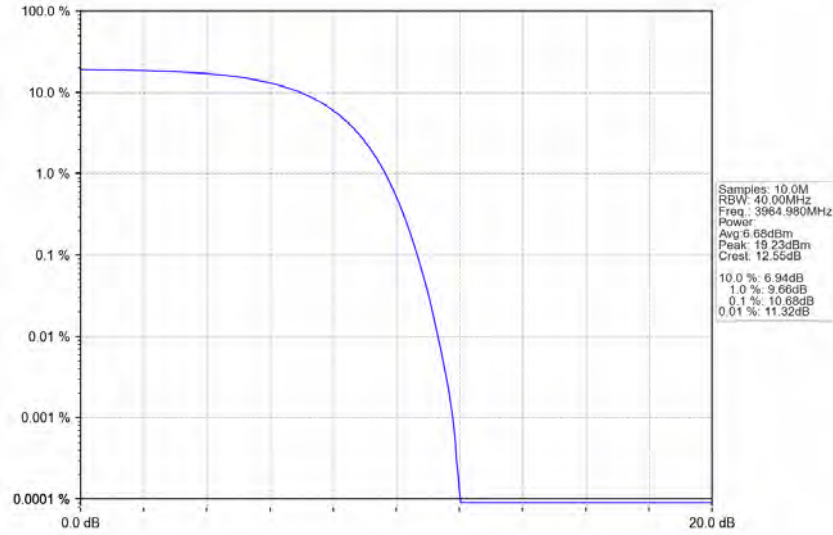
n77a 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 3715.02MHz Outer Full Ant1



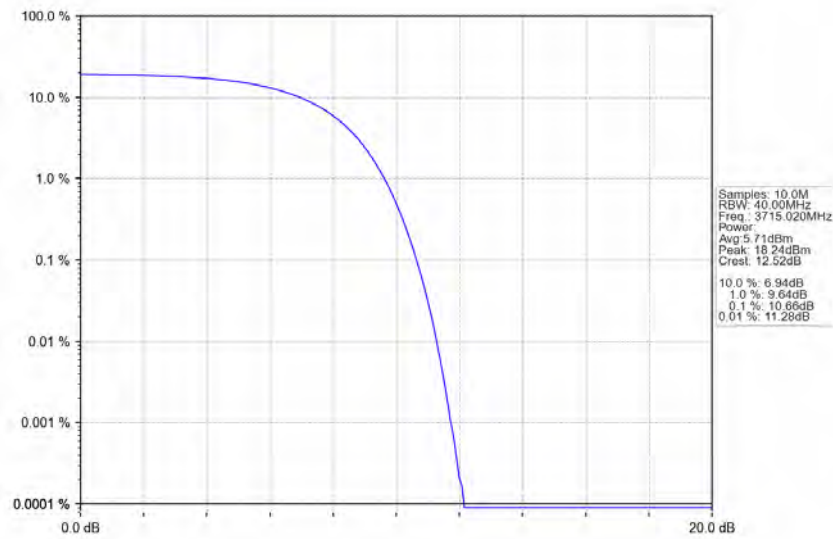
n77a 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



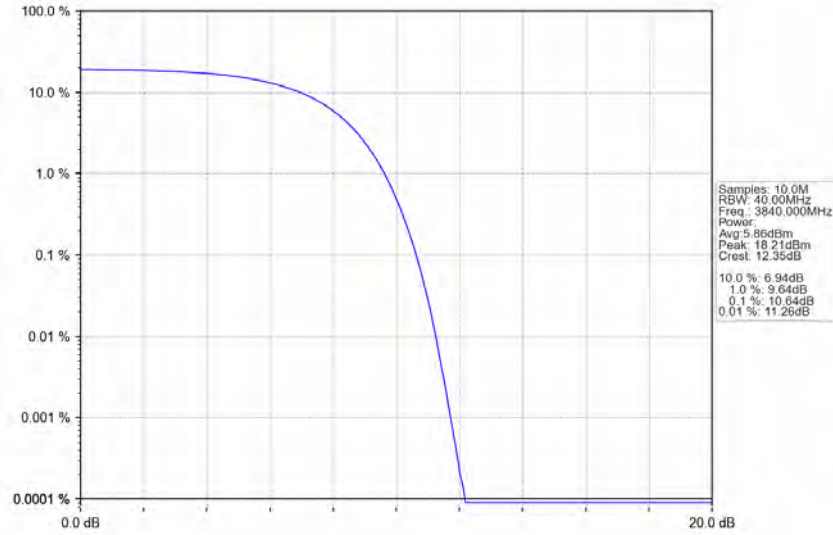
n77a 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 3964.98MHz Outer Full Ant1



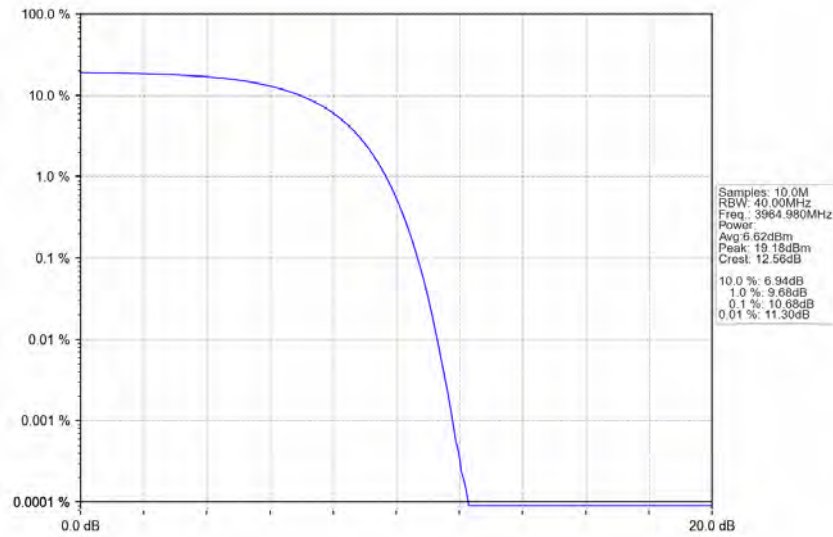
n77a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3715.02MHz Outer Full Ant1



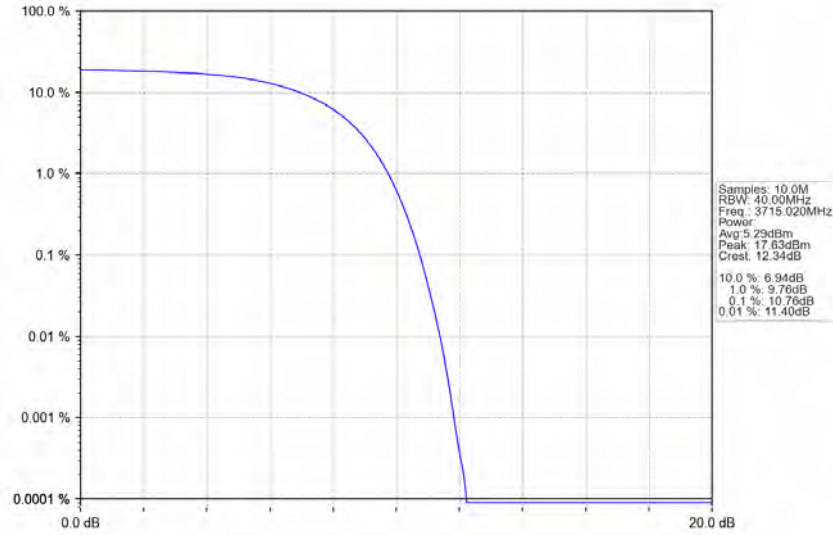
n77a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



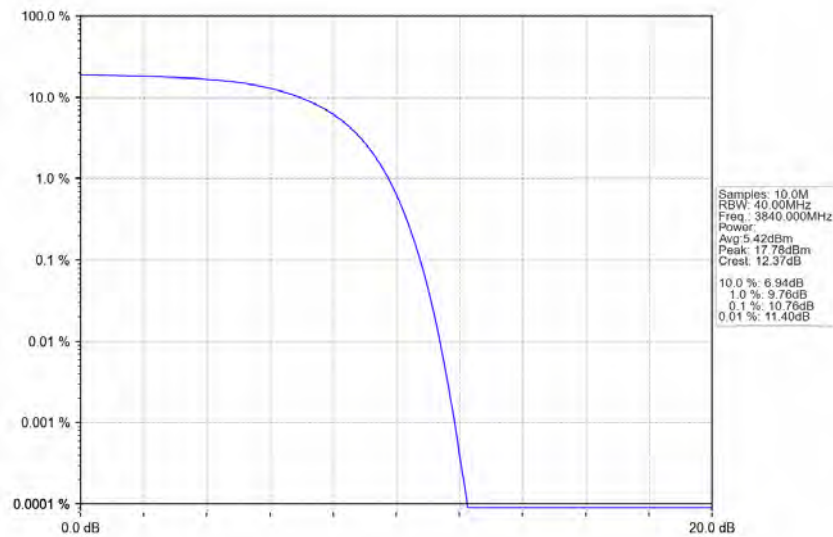
n77a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3964.98MHz Outer Full Ant1



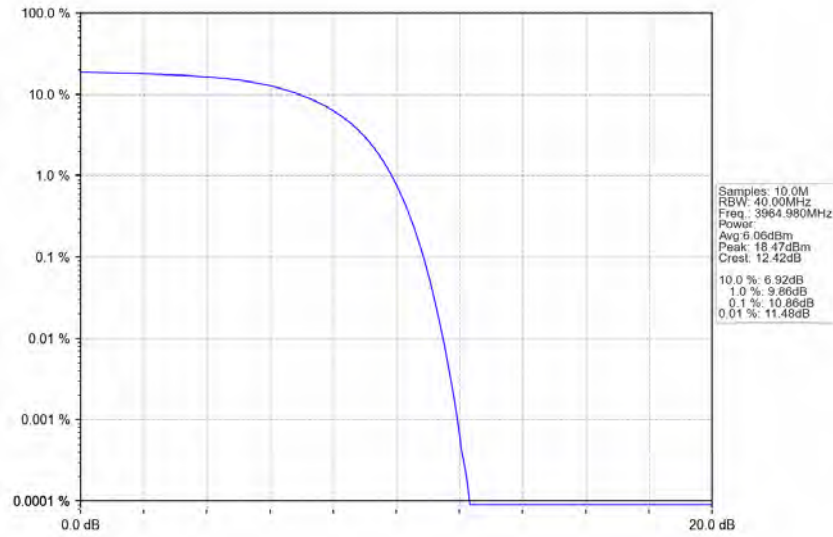
n77a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3715.02MHz Outer Full Ant1



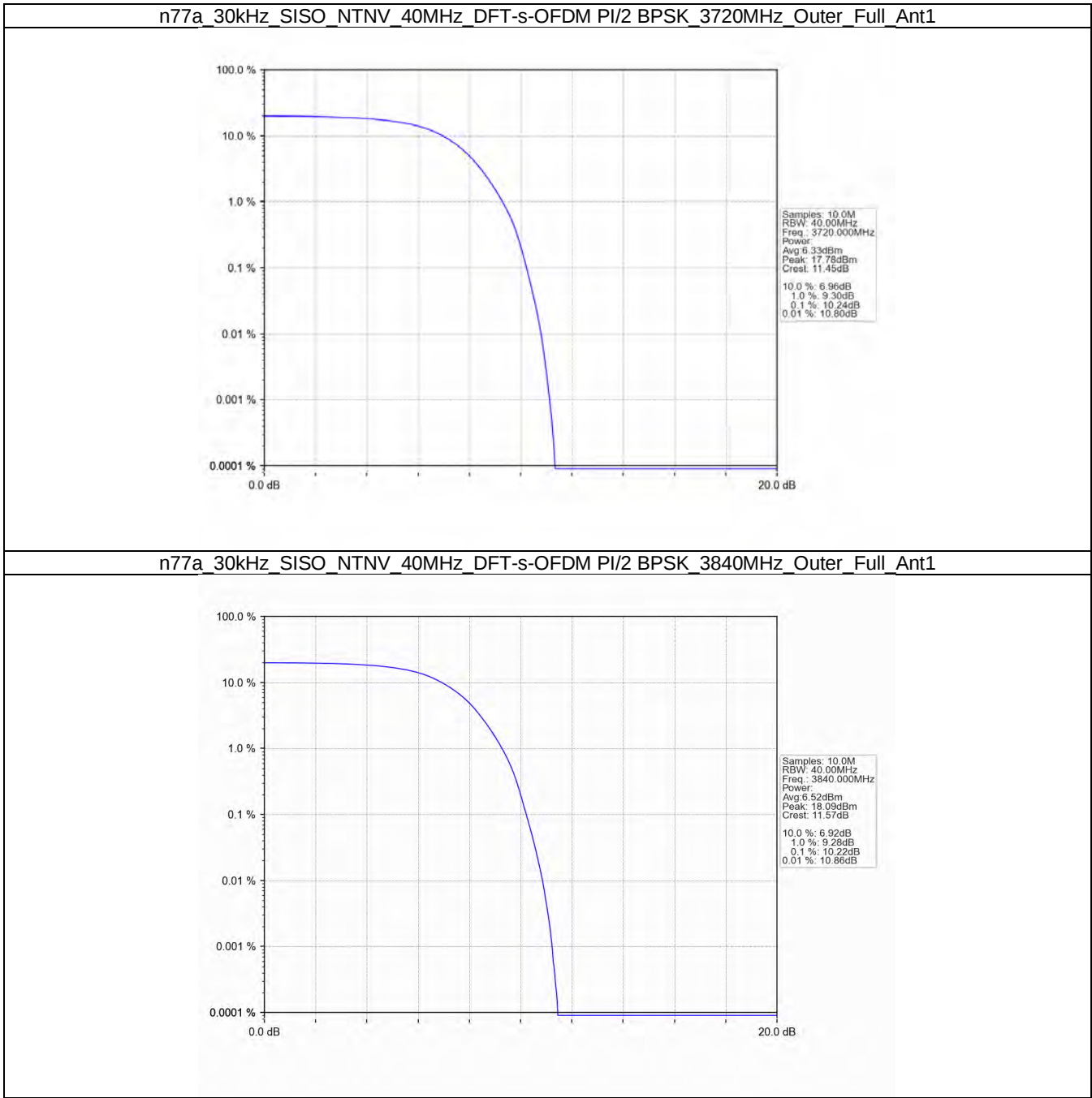
n77a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1



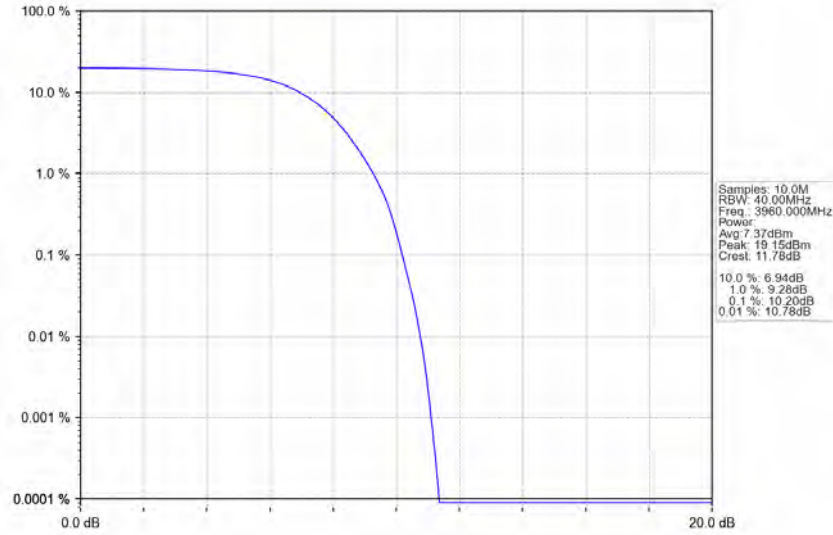
n77a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3964.98MHz Outer Full Ant1



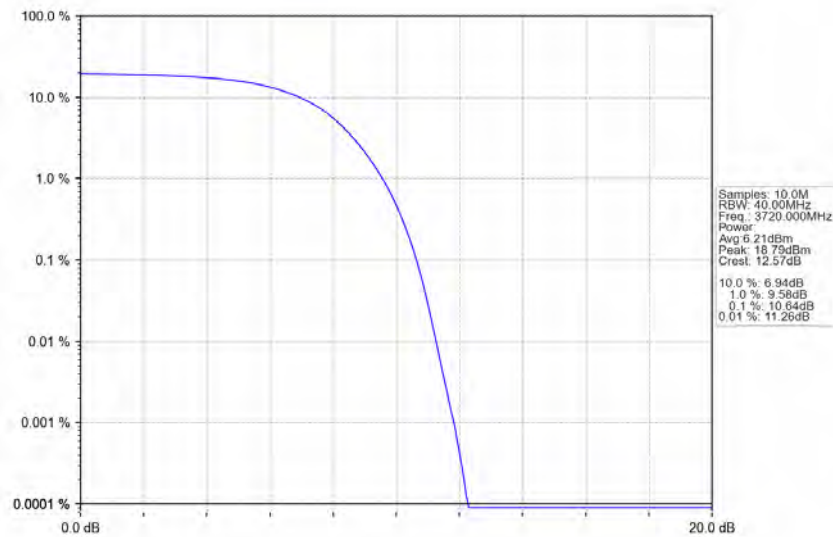
4.2.3 30k_SISO_40MHz_NTNV



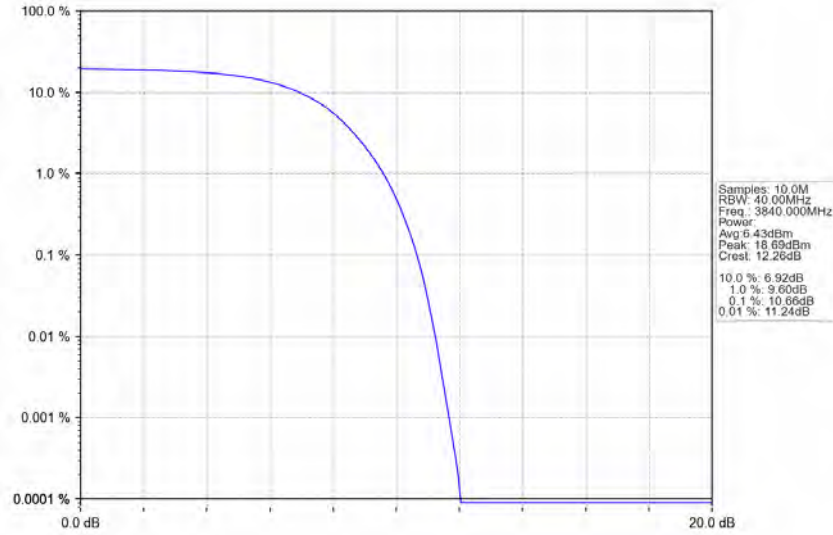
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3960MHz Outer Full Ant1



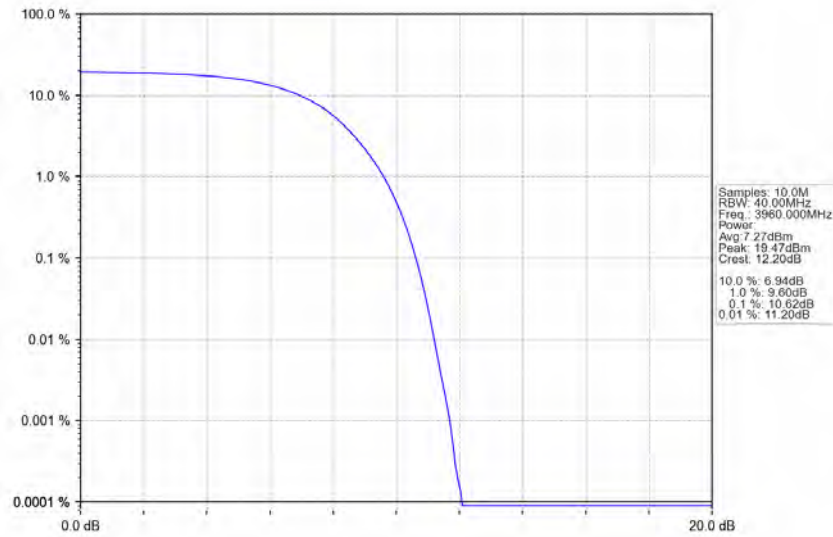
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Outer Full Ant1



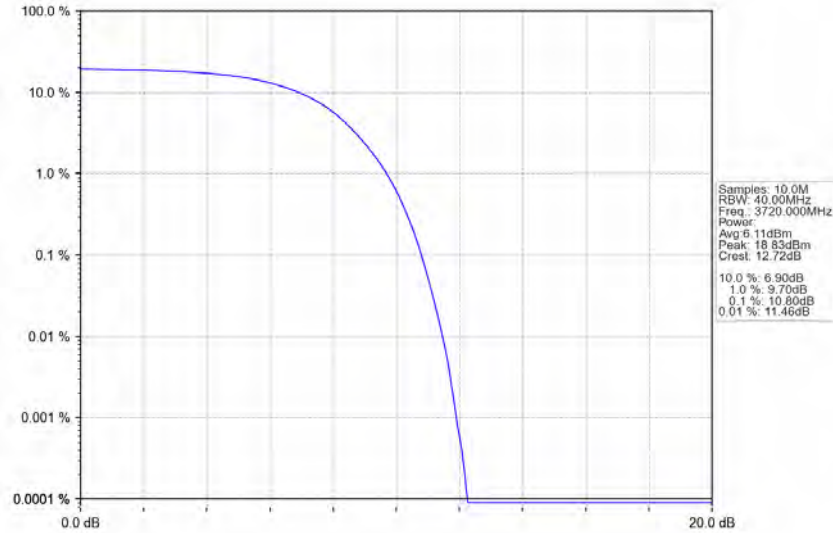
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant1



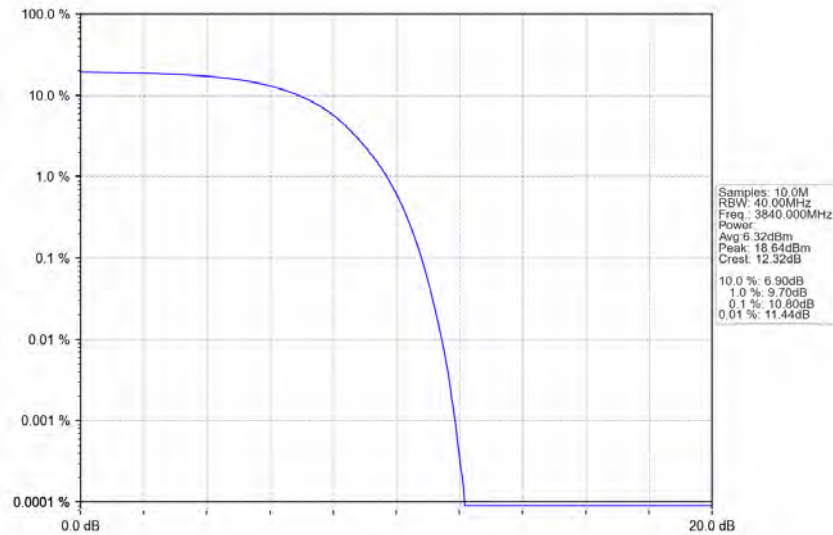
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3960MHz Outer Full Ant1



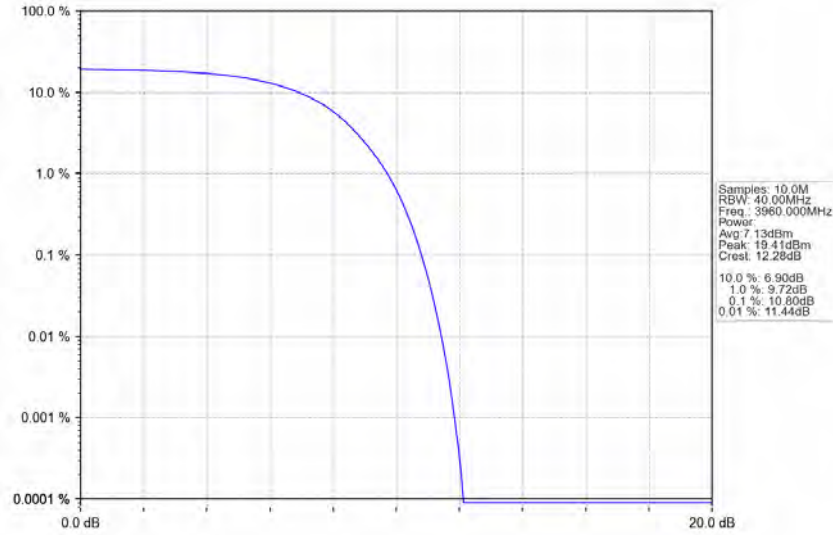
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3720MHz Outer Full Ant1



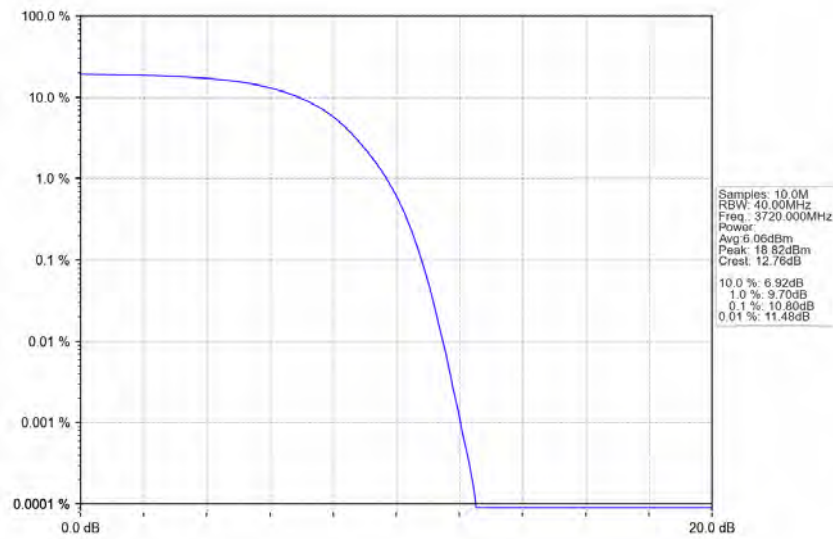
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



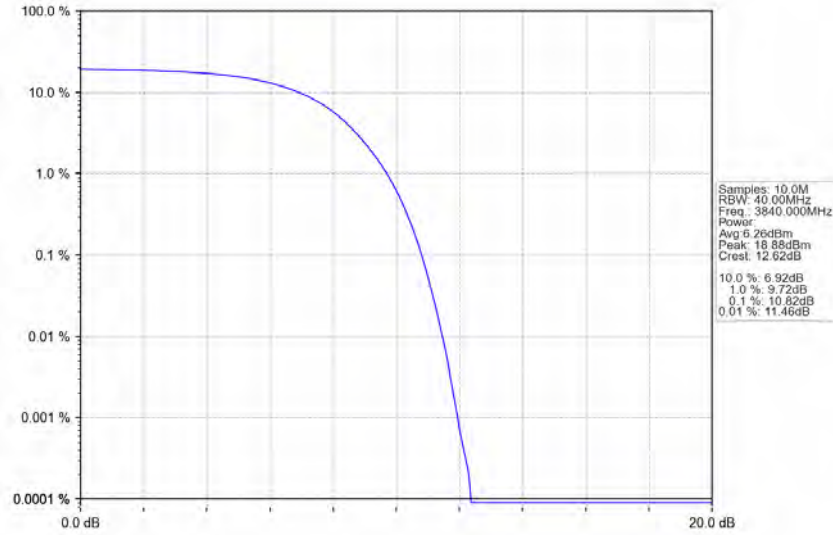
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3960MHz_Outer_Full_Ant1



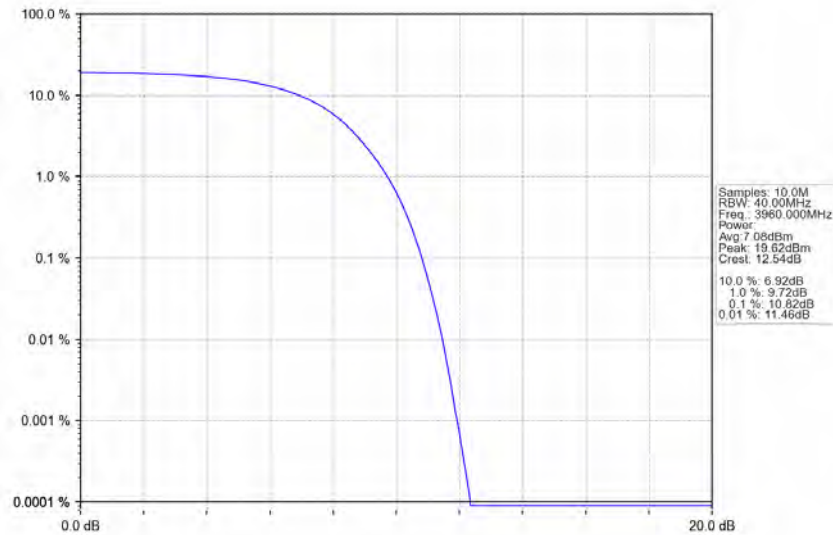
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3720MHz_Outer_Full_Ant1



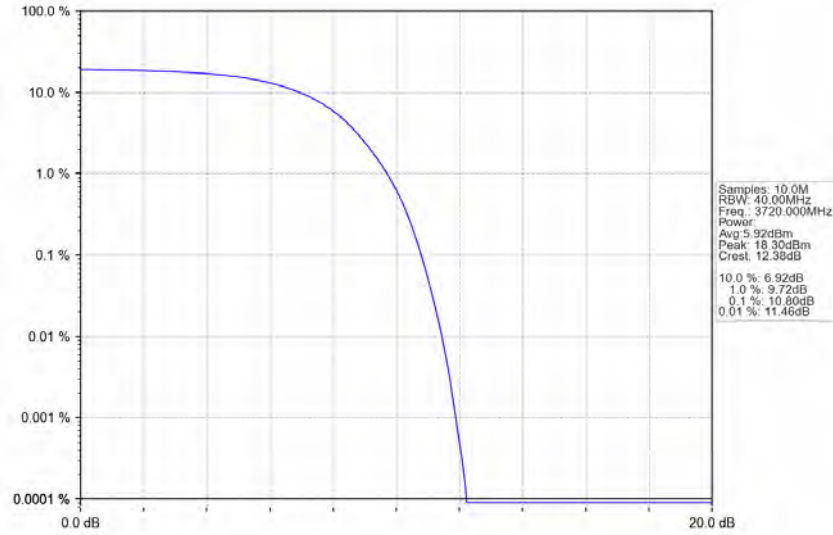
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



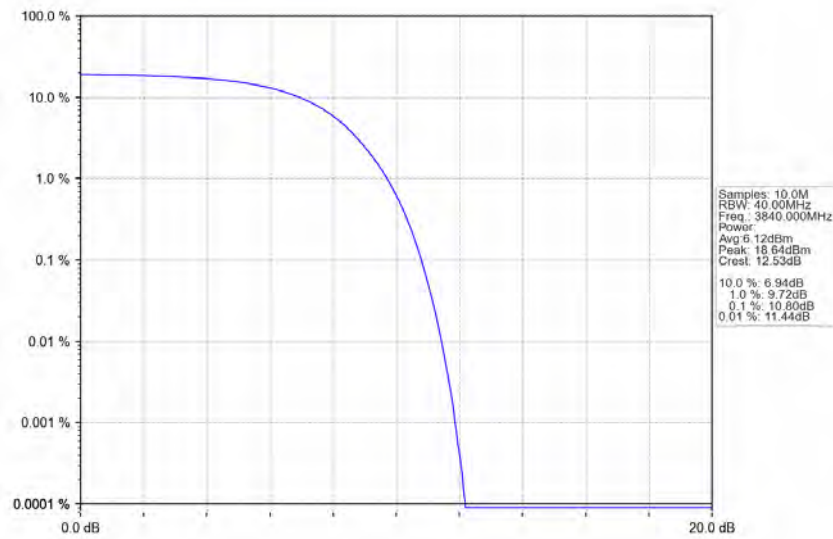
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3960MHz_Outer_Full_Ant1



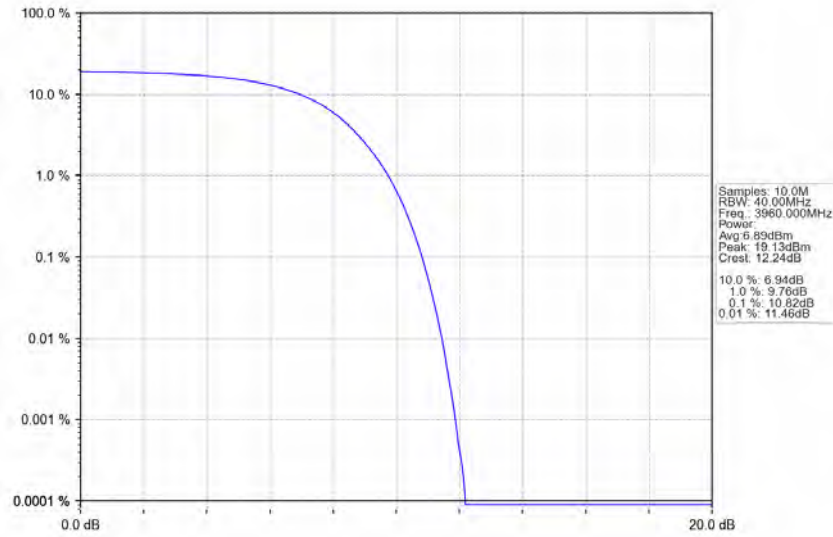
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3720MHz Outer Full Ant1



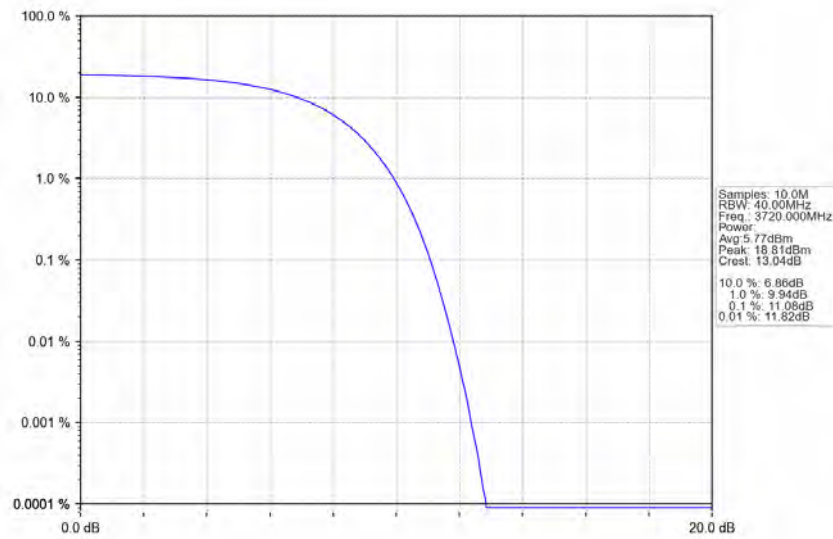
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



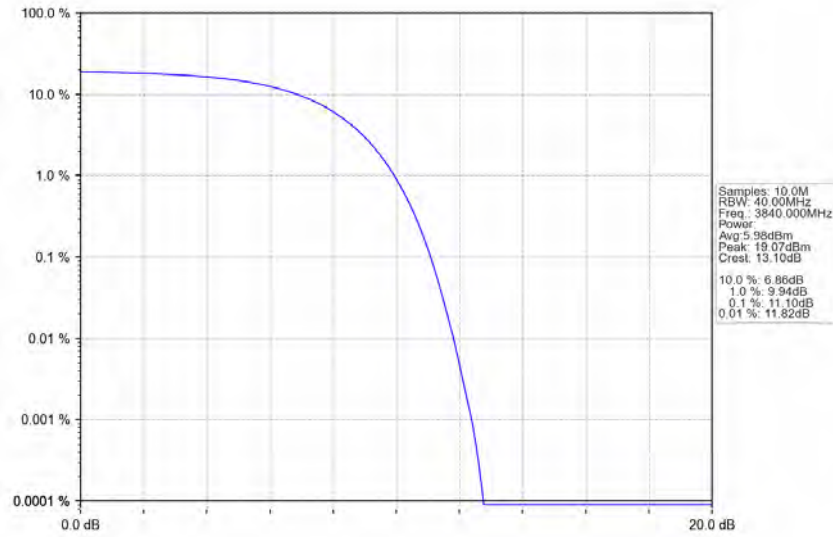
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3960MHz Outer Full Ant1



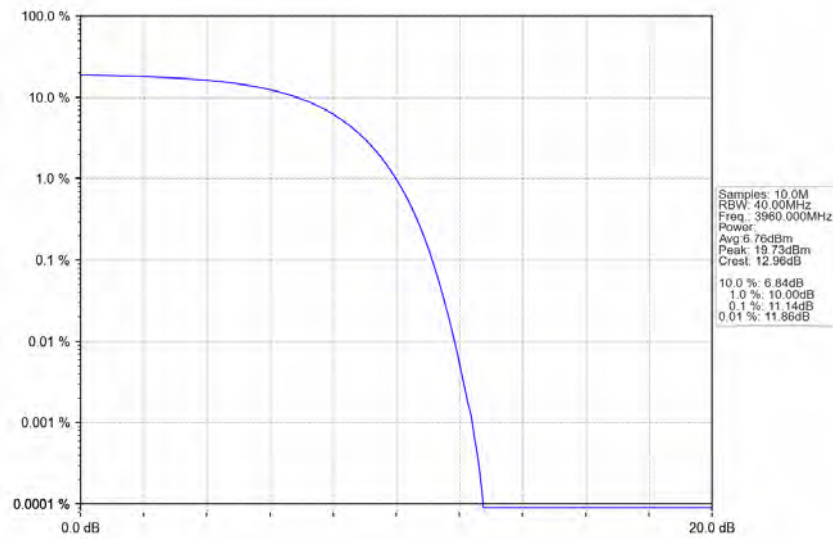
n77a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3720MHz Outer Full Ant1



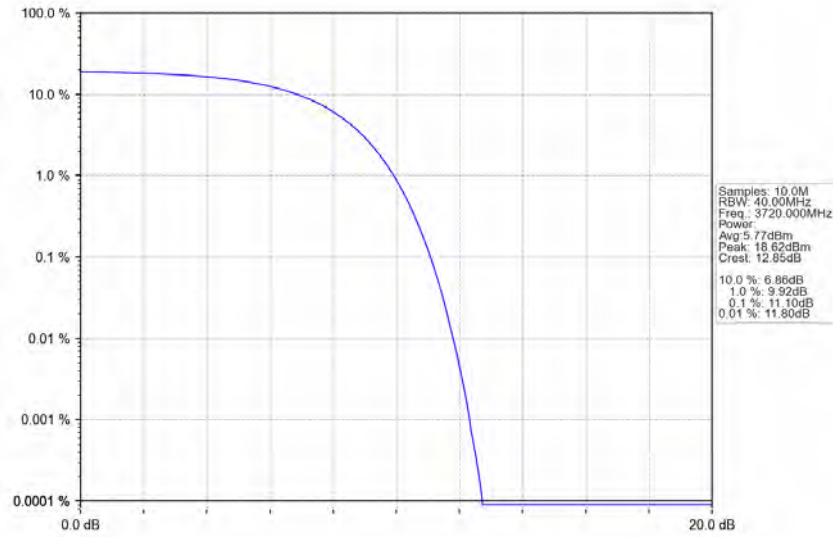
n77a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



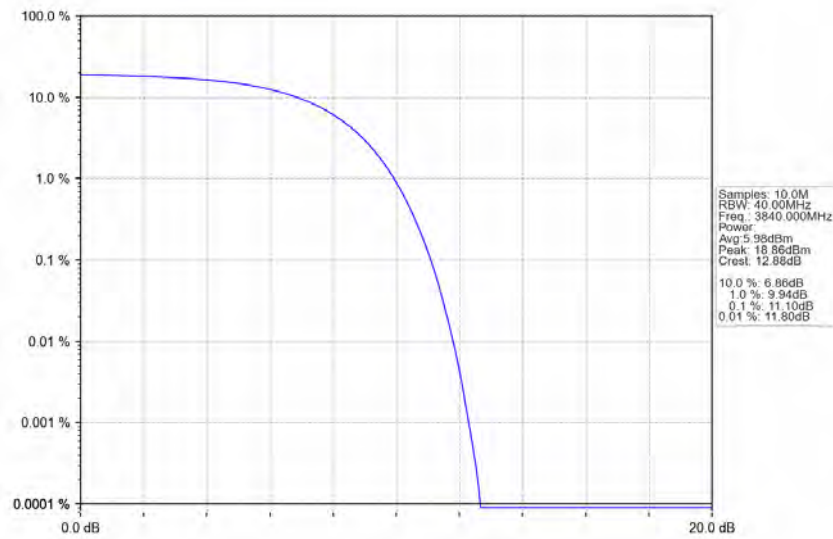
n77a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3960MHz Outer Full Ant1



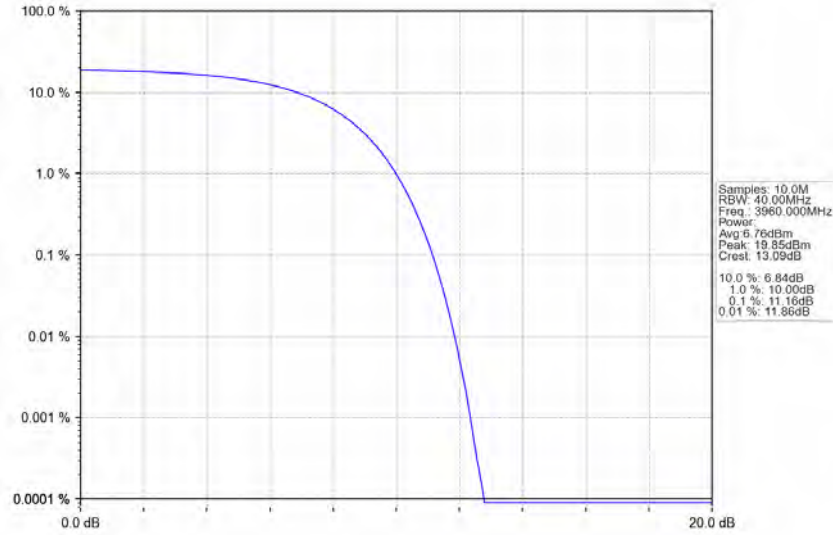
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3720MHz_Outer_Full_Ant1



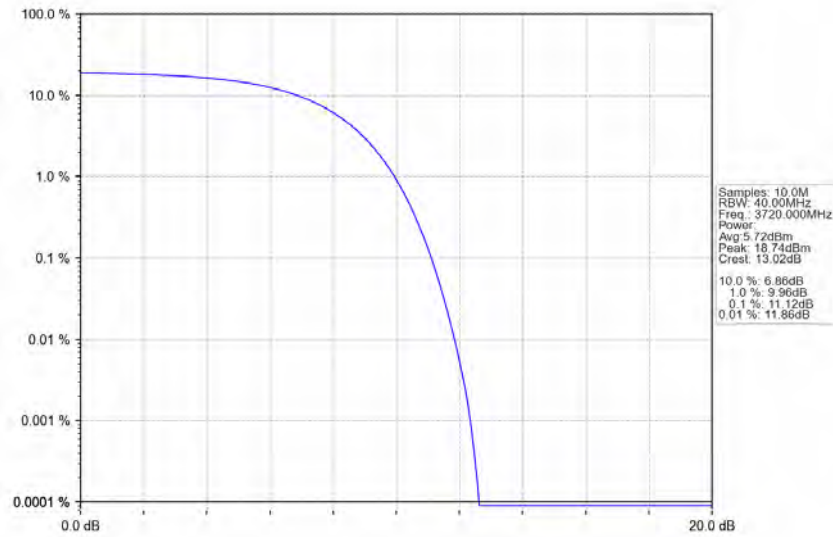
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



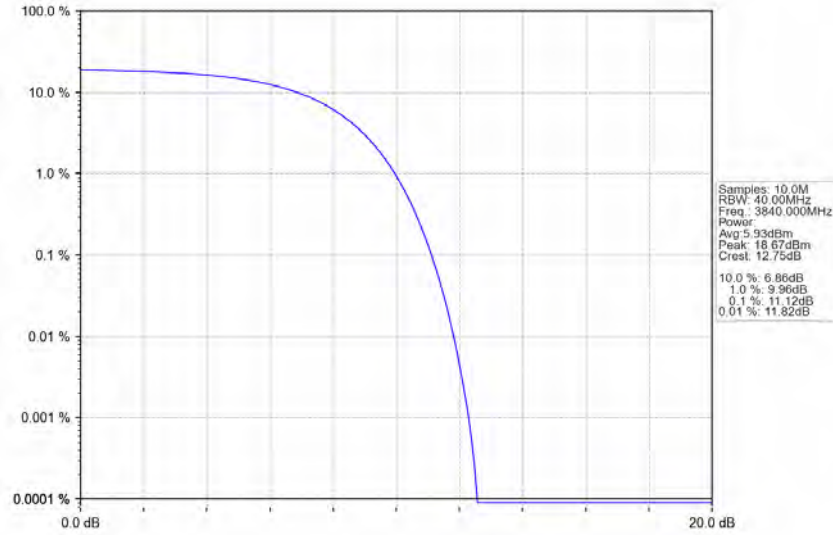
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3960MHz_Outer_Full_Ant1



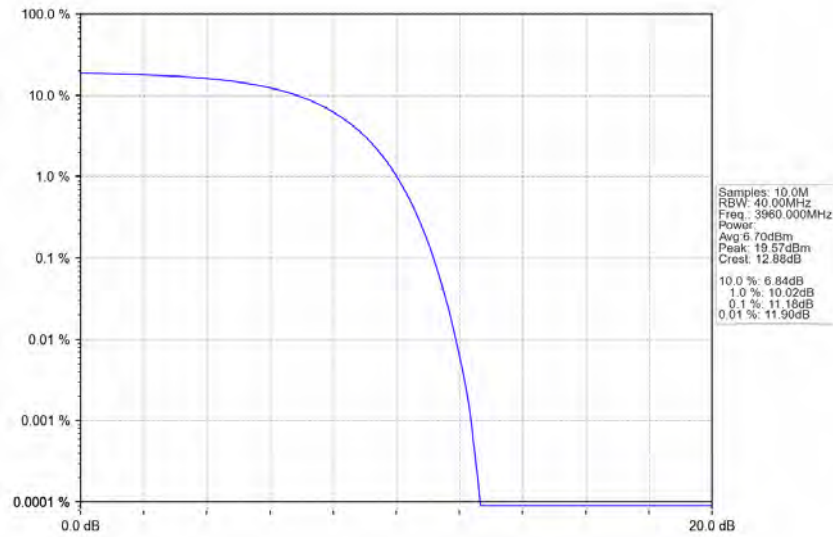
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3720MHz_Outer_Full_Ant1



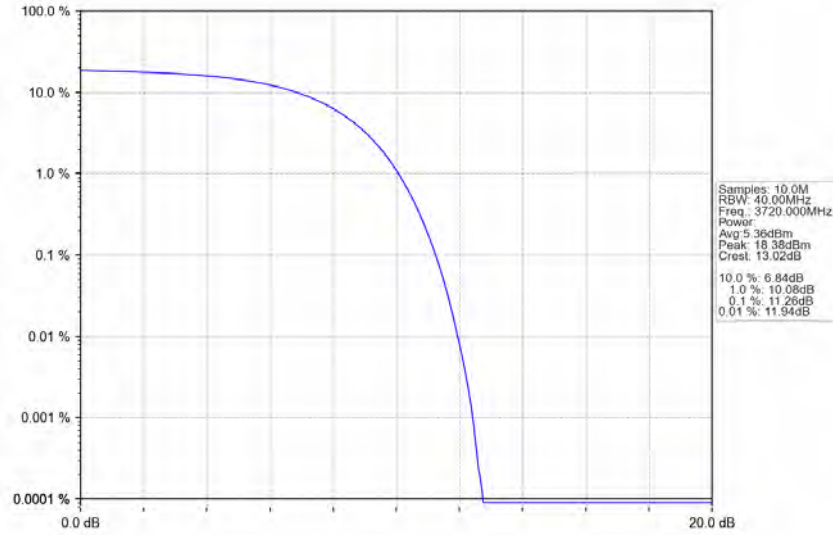
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



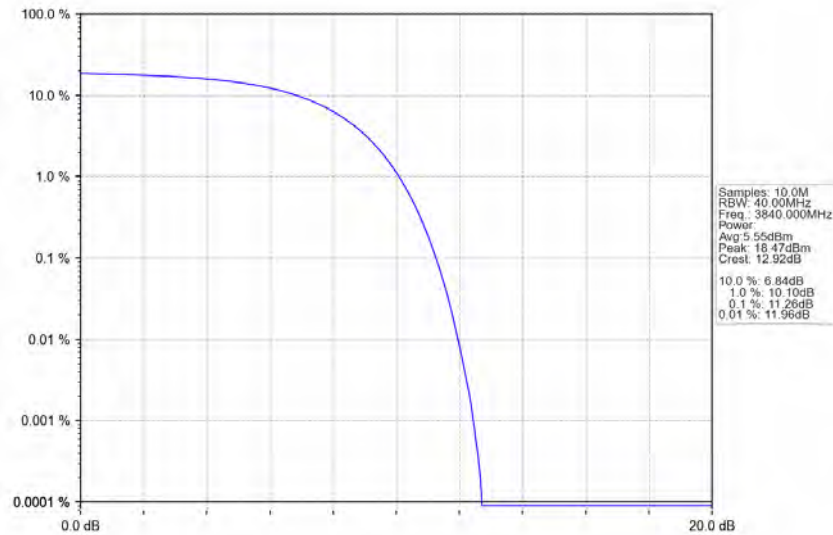
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3960MHz_Outer_Full_Ant1



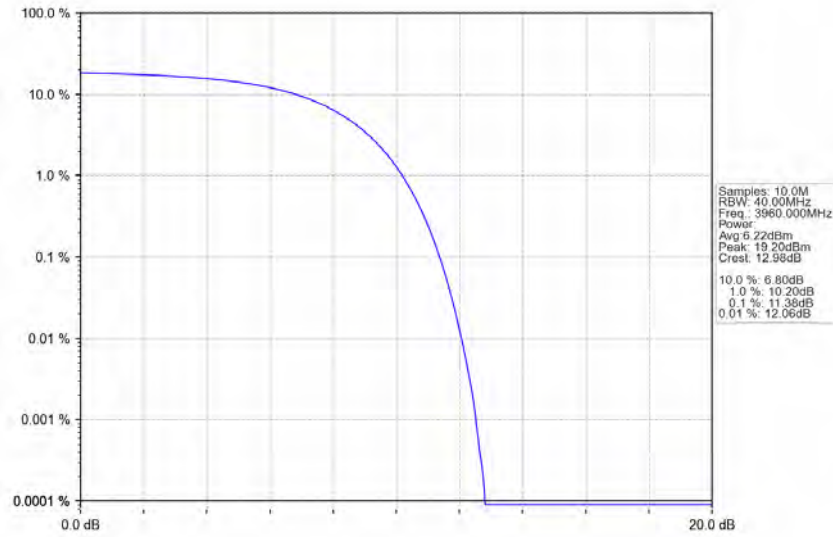
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3720MHz_Outer_Full_Ant1



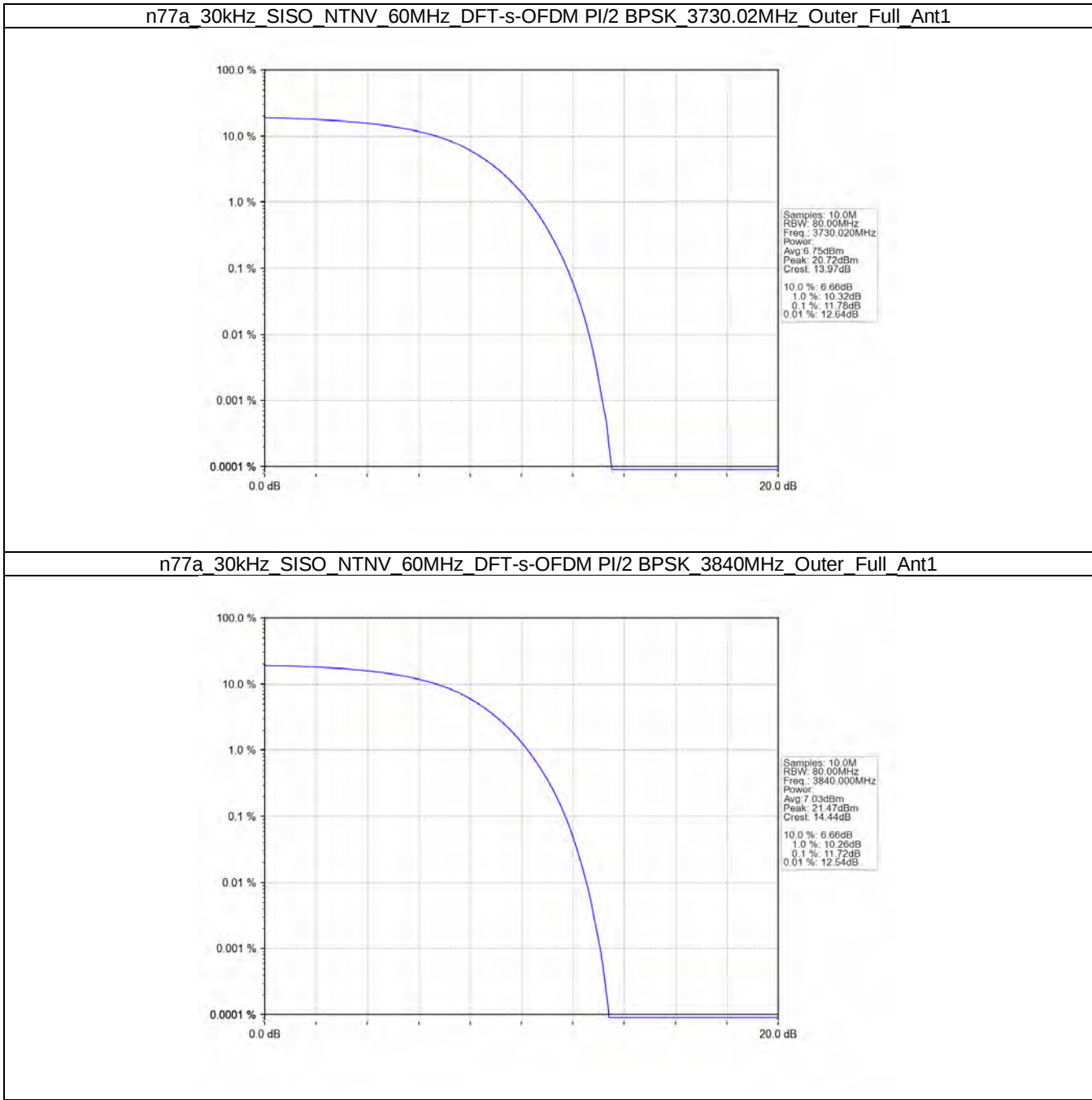
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



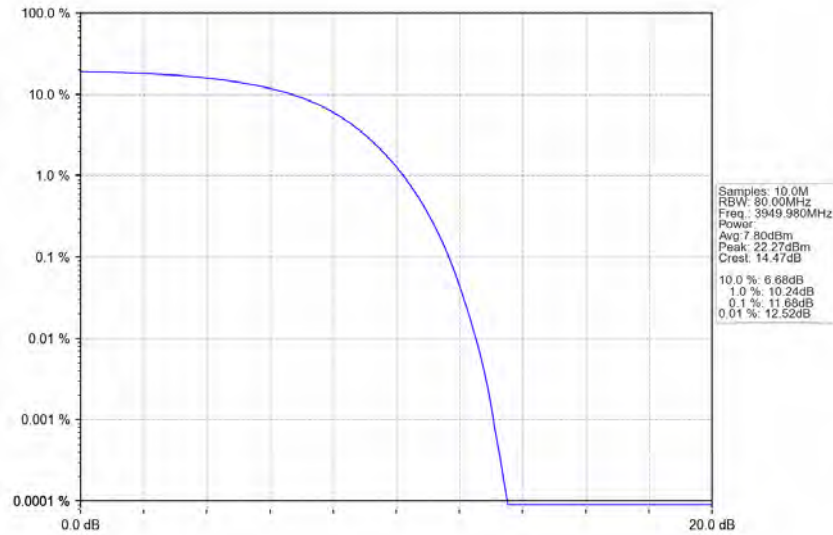
n77a 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3960MHz Outer Full Ant1



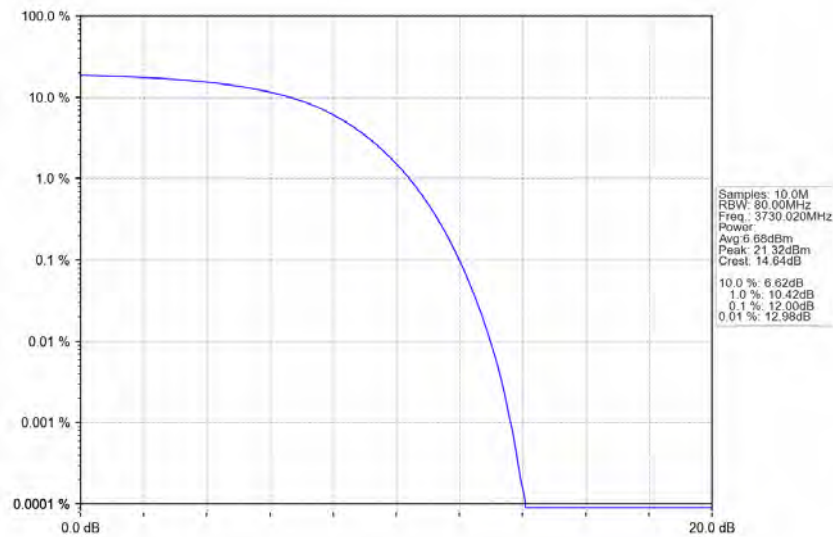
4.2.4 30k_SISO_60MHz_NTNV



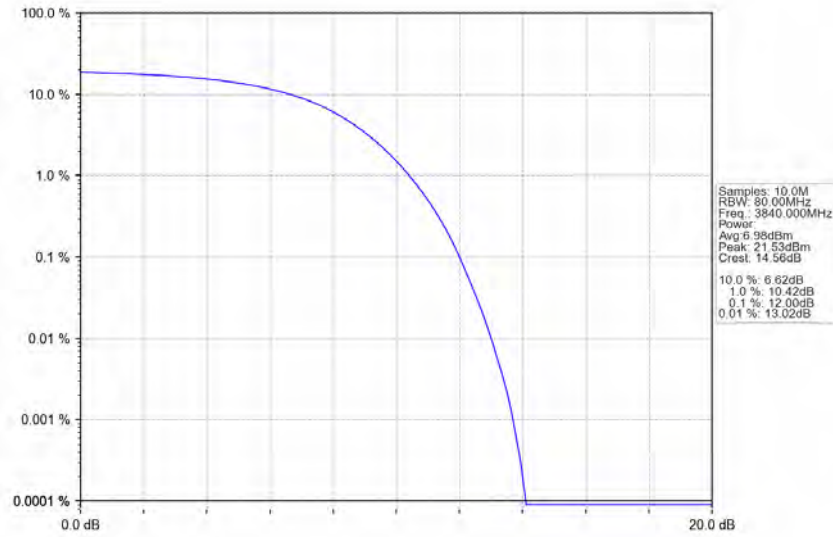
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3949.98MHz Outer Full Ant1



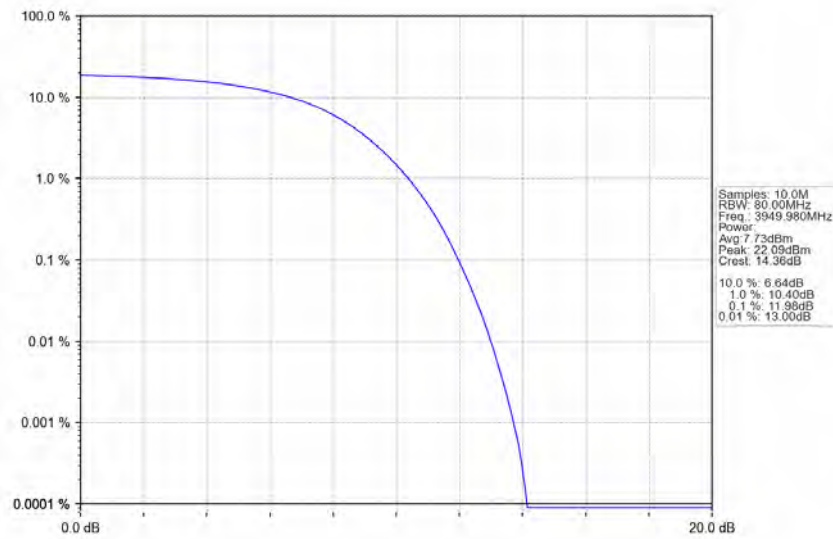
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3730.02MHz Outer Full Ant1



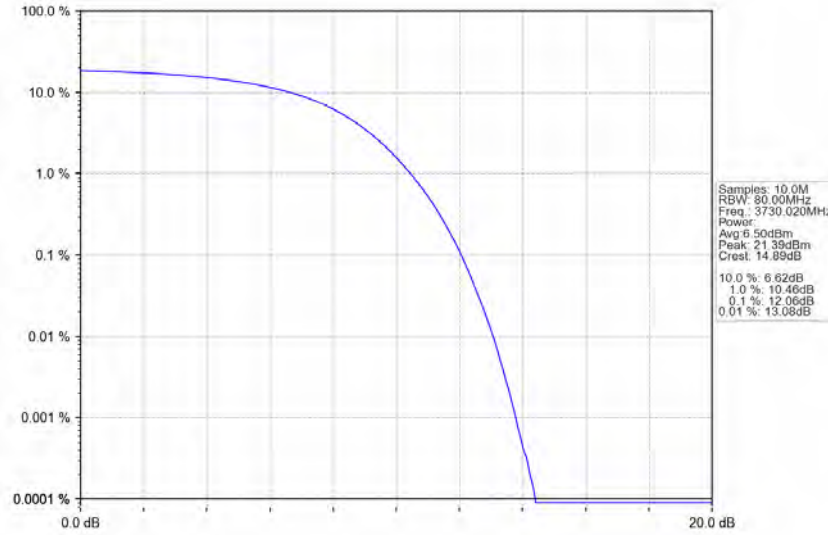
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant1



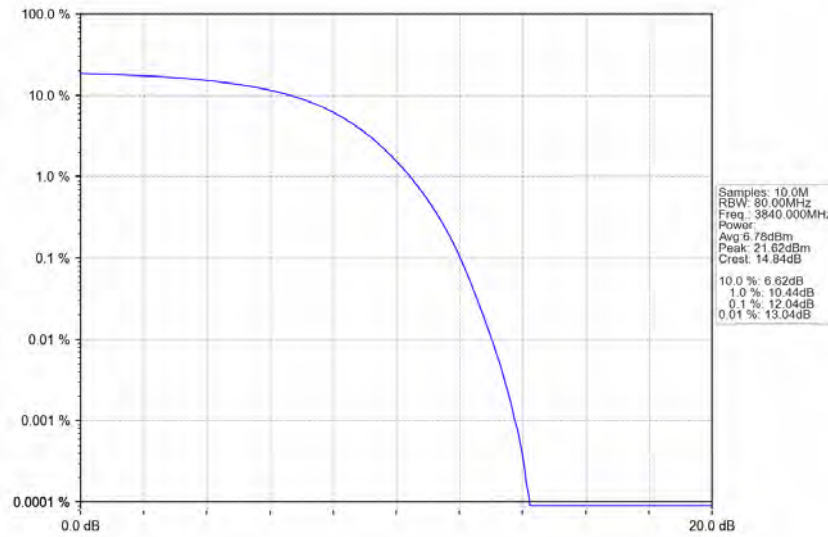
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3949.98MHz Outer Full Ant1



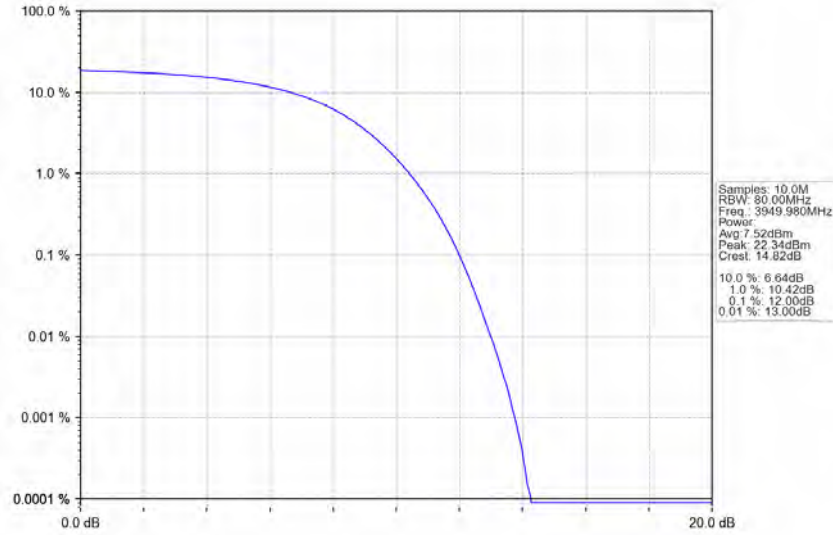
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3730.02MHz Outer Full Ant1



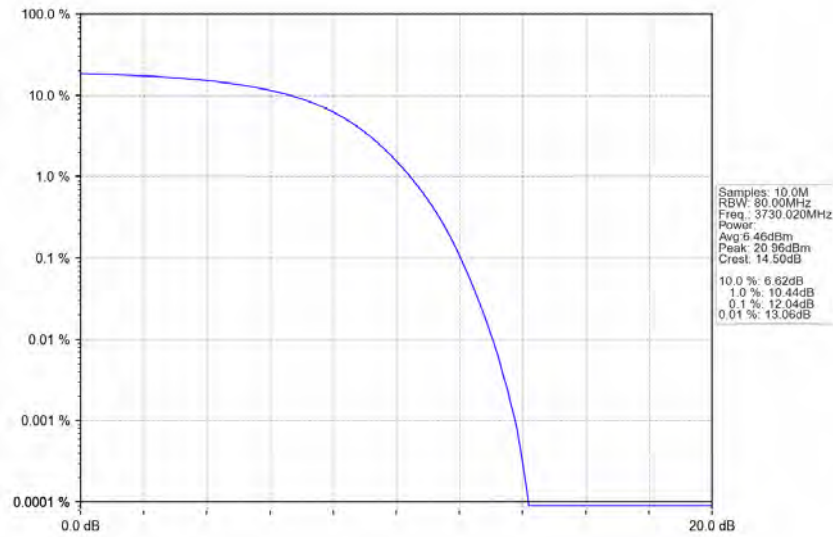
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



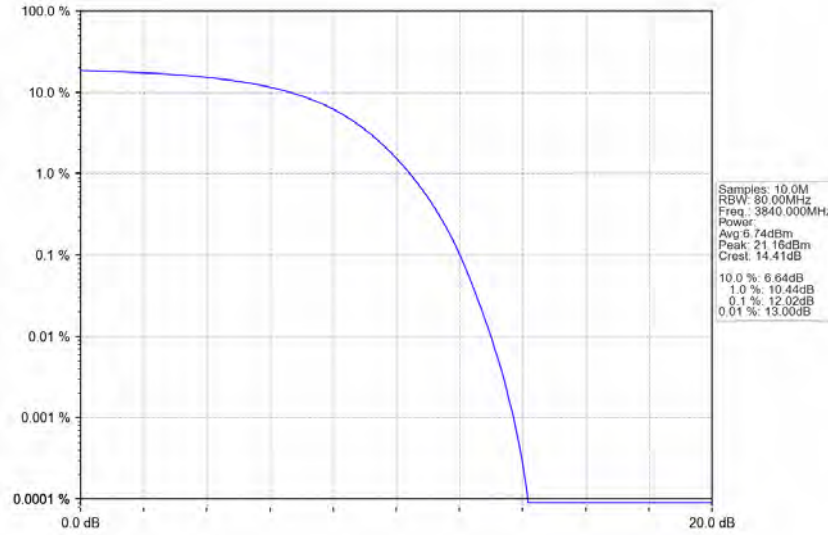
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3949.98MHz Outer Full Ant1



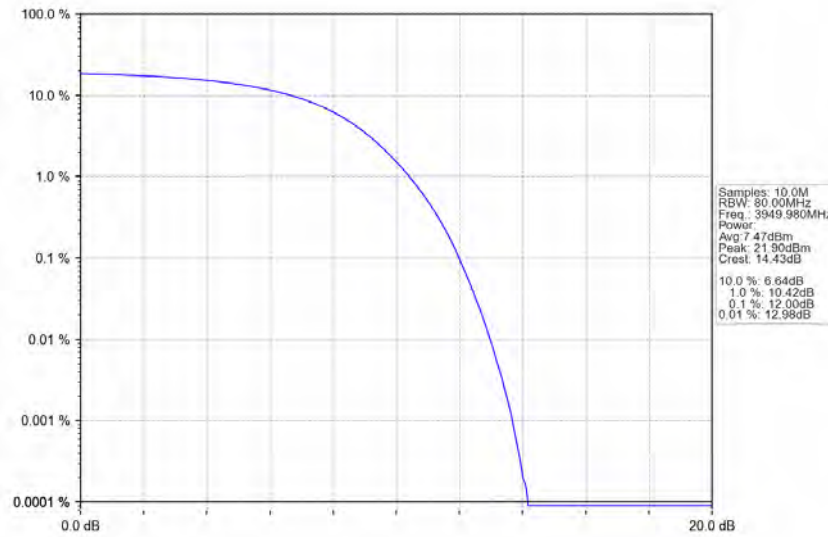
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 64 QAM 3730.02MHz Outer Full Ant1



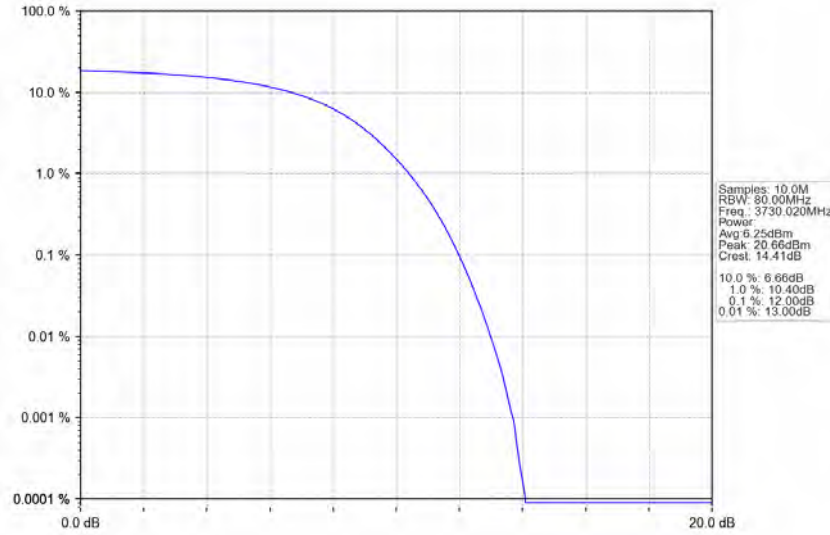
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



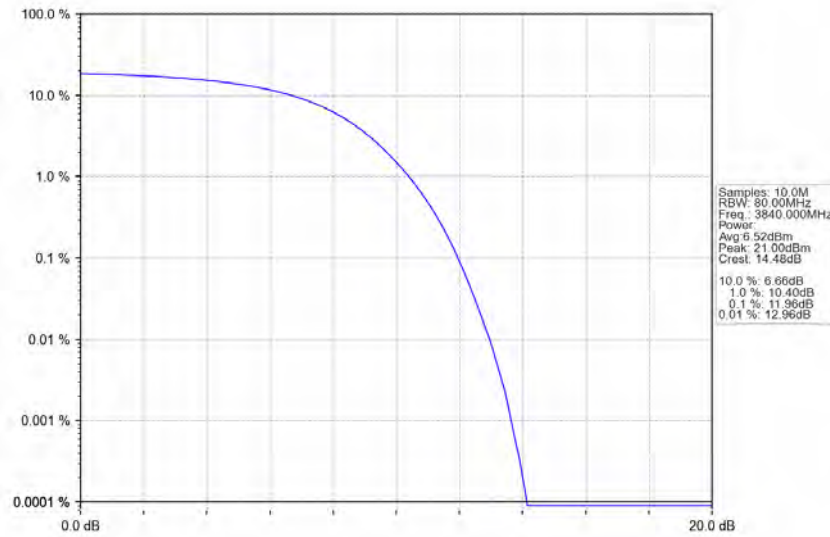
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3949.98MHz_Outer_Full_Ant1



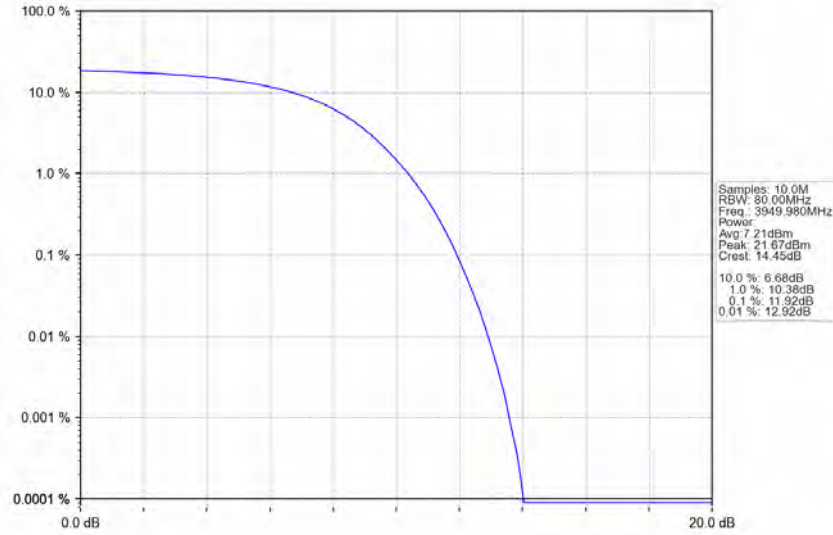
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3730.02MHz Outer Full Ant1



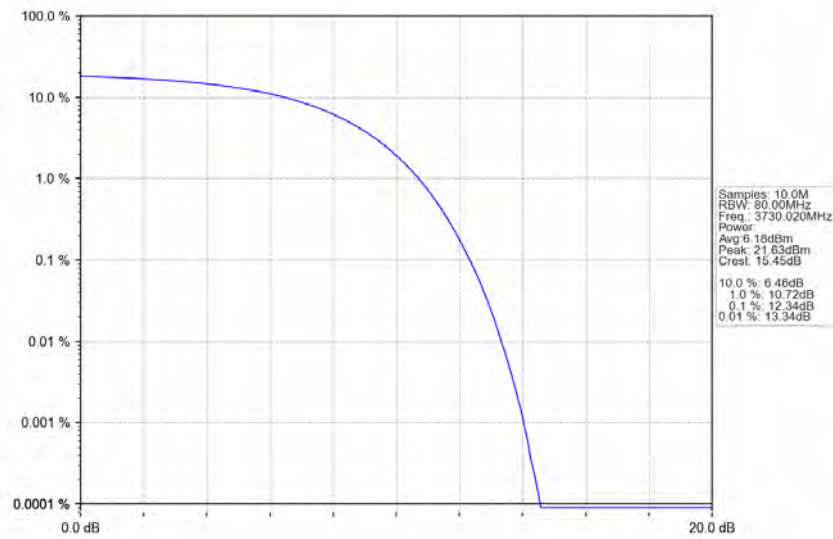
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



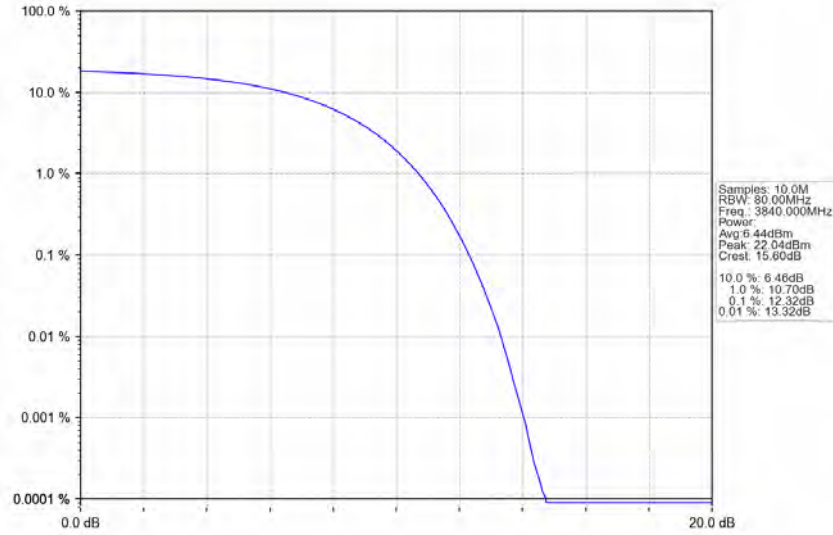
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3949.98MHz Outer Full Ant1



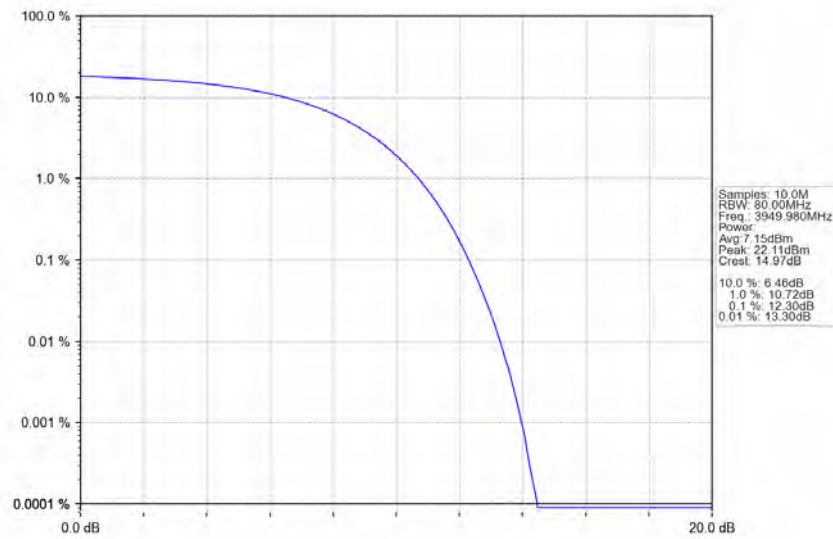
n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3730.02MHz Outer Full Ant1



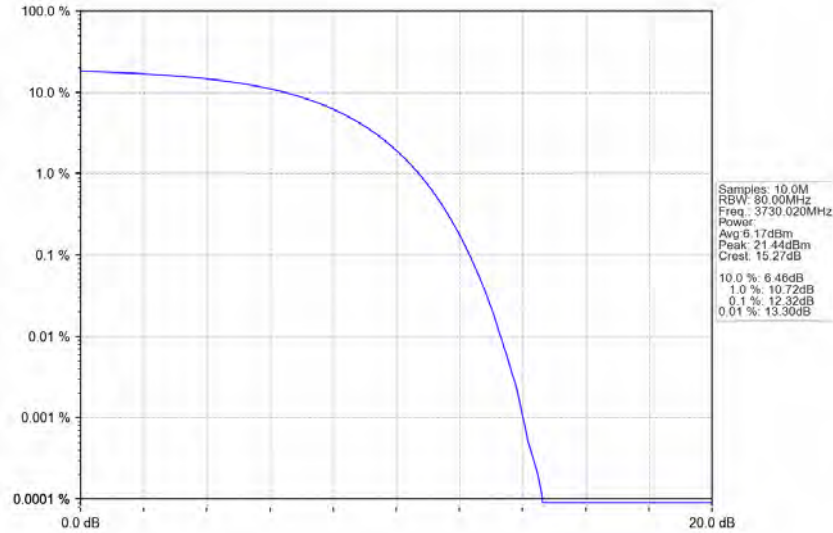
n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



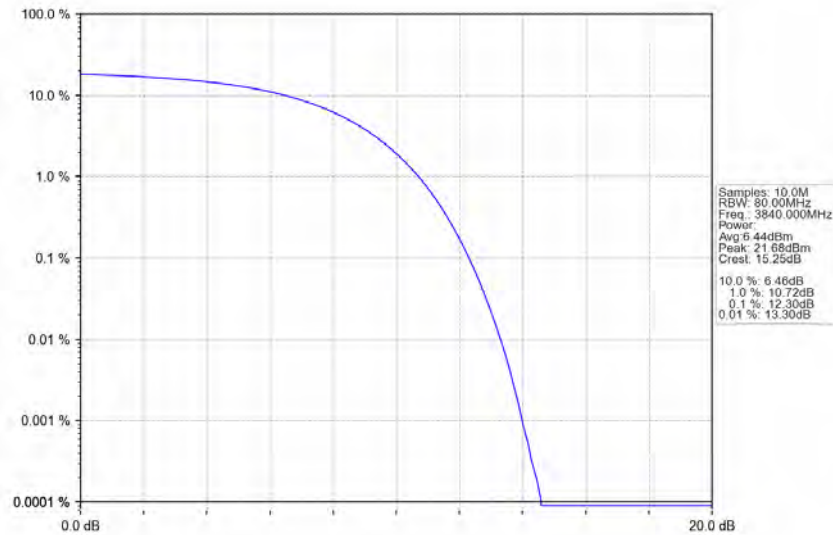
n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3949.98MHz Outer Full Ant1



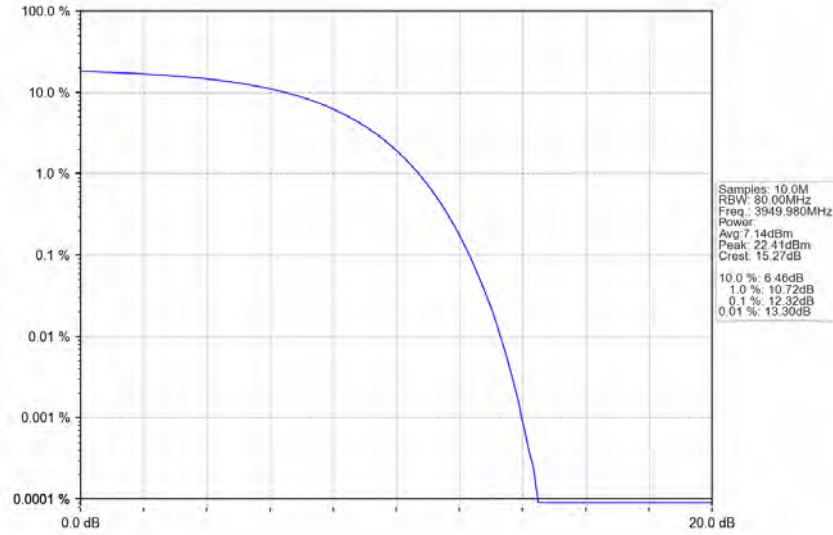
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3730.02MHz_Outer_Full_Ant1



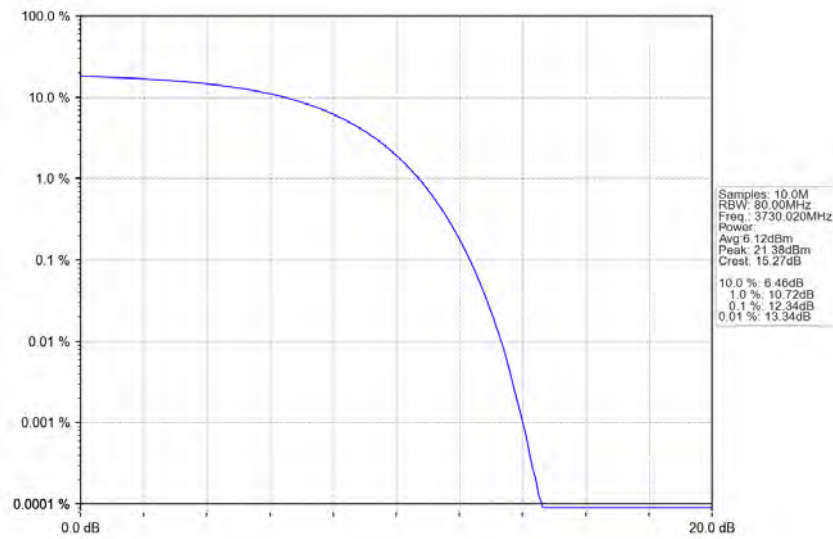
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



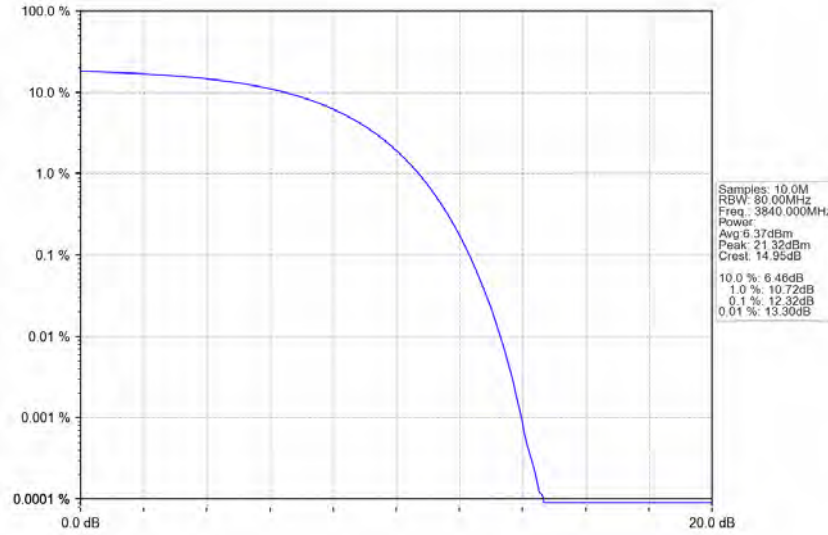
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3949.98MHz_Outer_Full_Ant1



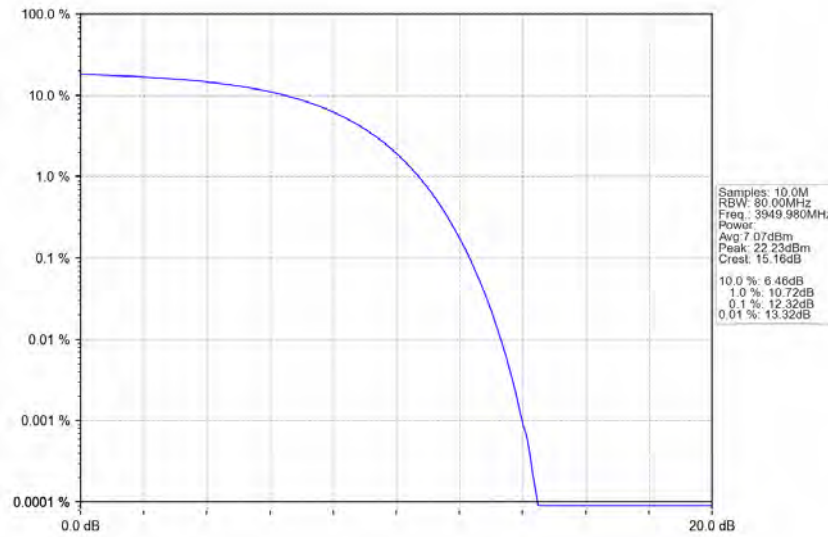
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3730.02MHz_Outer_Full_Ant1



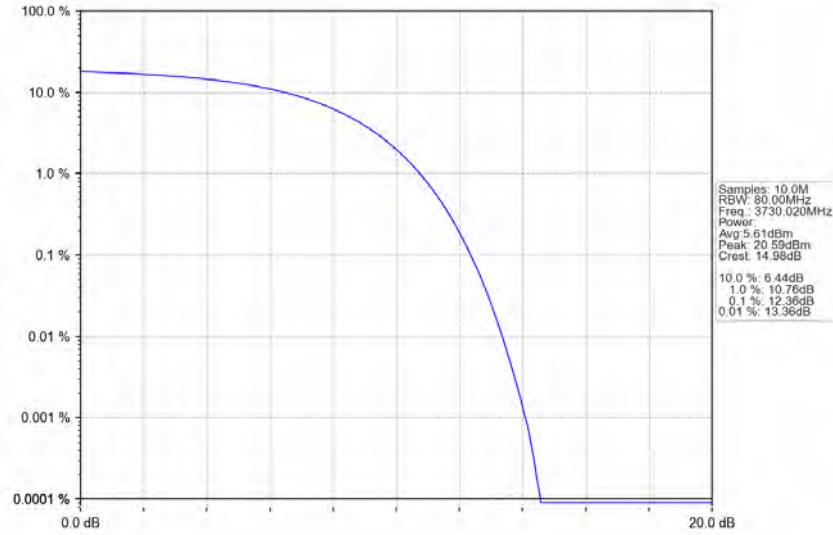
n77a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



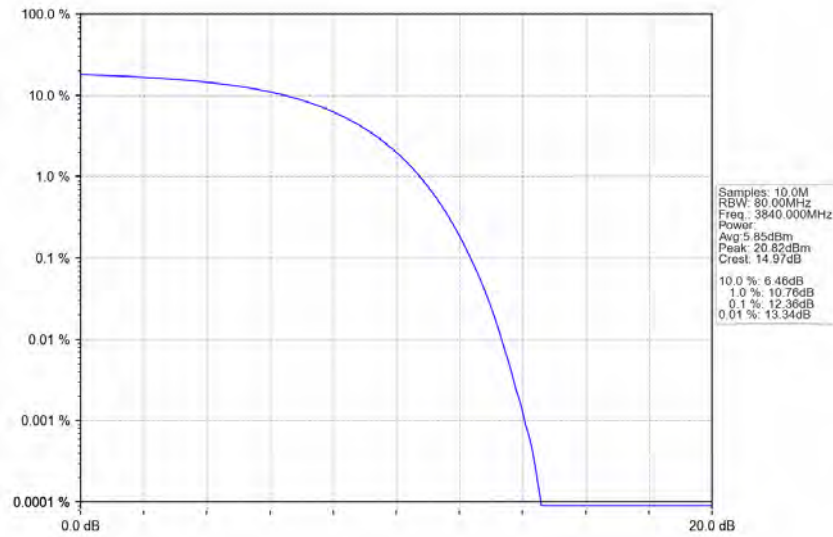
n77a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3949.98MHz Outer Full Ant1



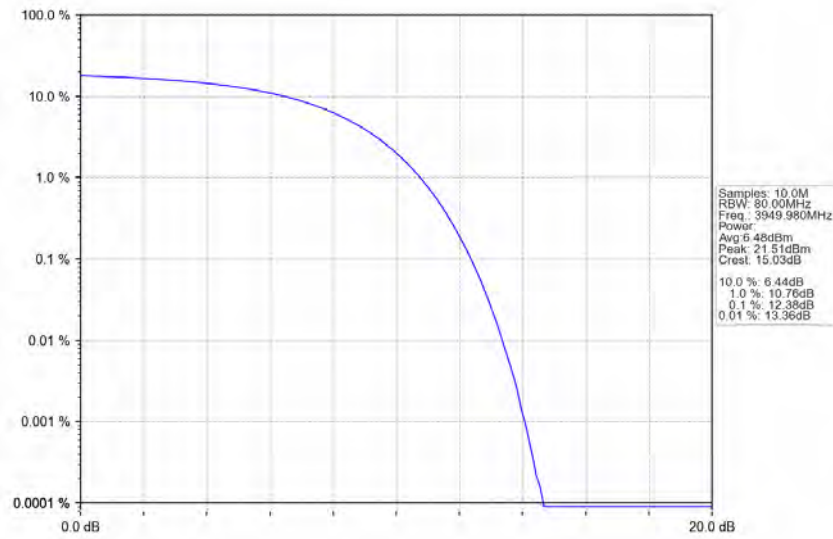
n77a 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3730.02MHz Outer Full Ant1



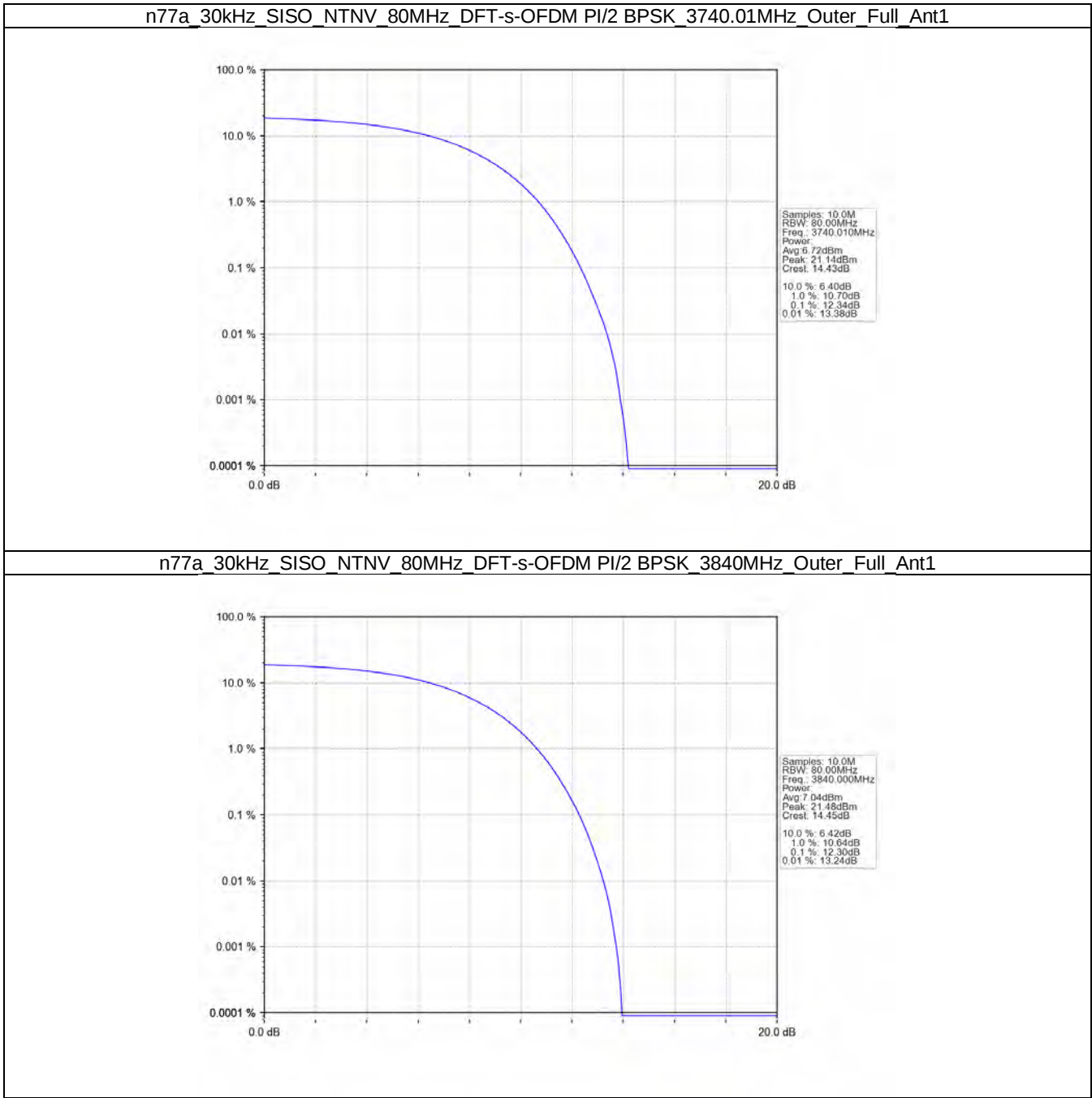
n77a 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1



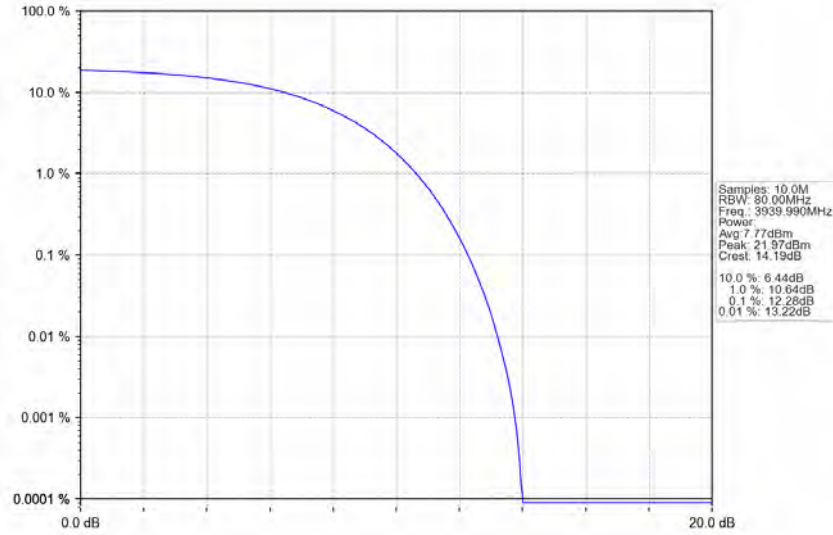
n77a 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3949.98MHz Outer Full Ant1



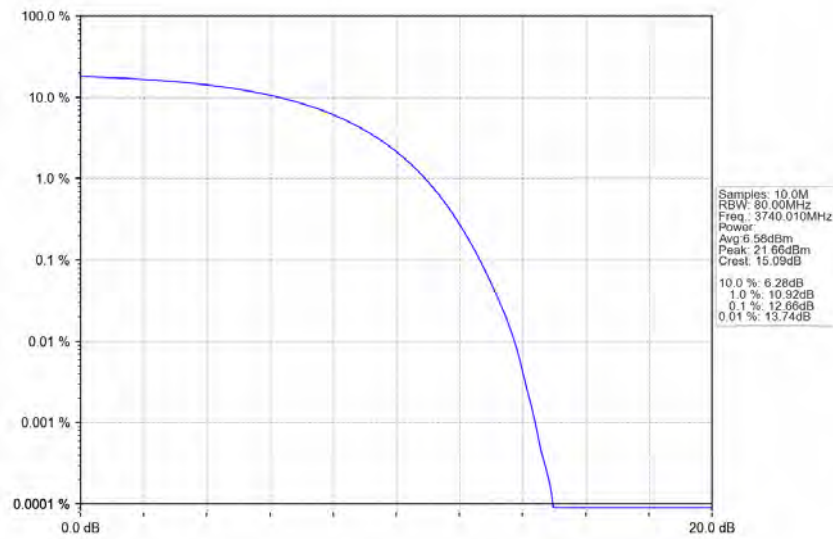
4.2.5 30k_SISO_80MHz_NTNV



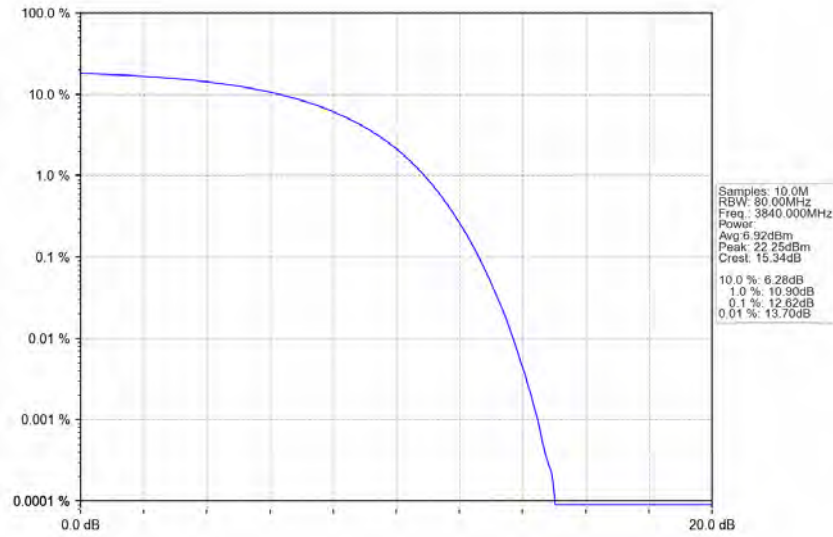
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3939.99MHz Outer Full Ant1



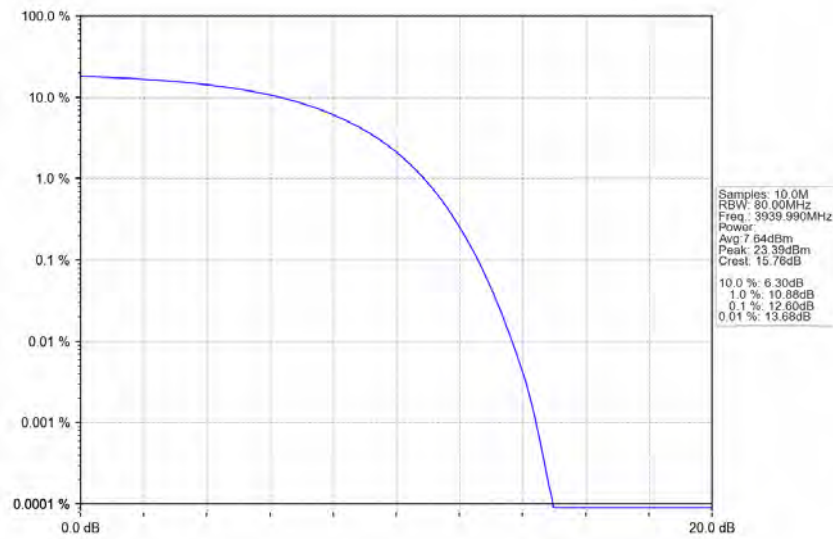
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3740.01MHz Outer Full Ant1



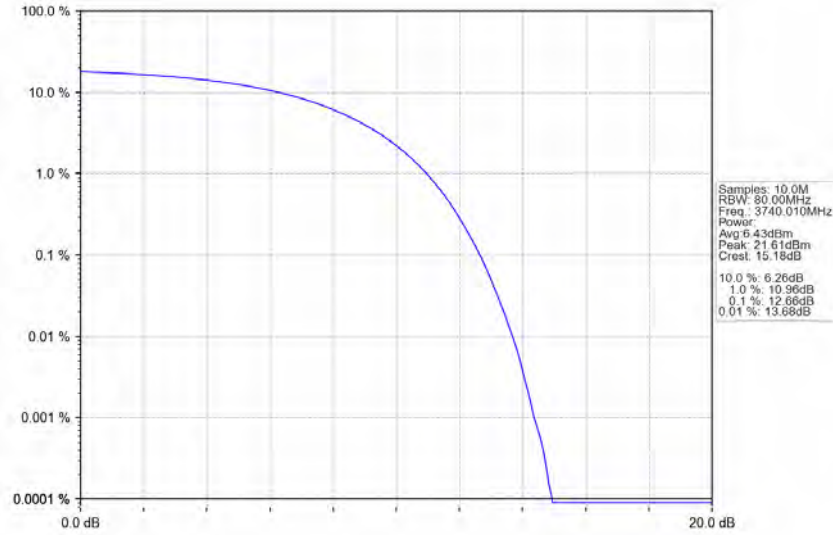
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant1



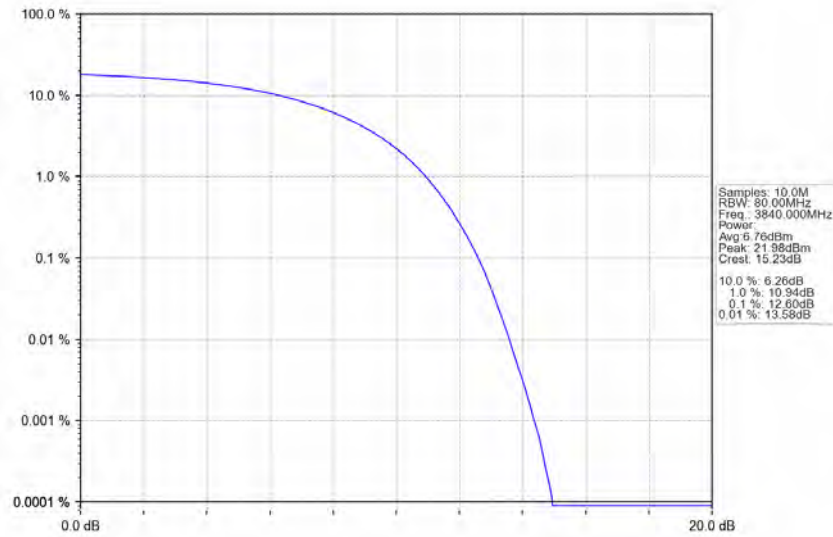
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3939.99MHz Outer Full Ant1



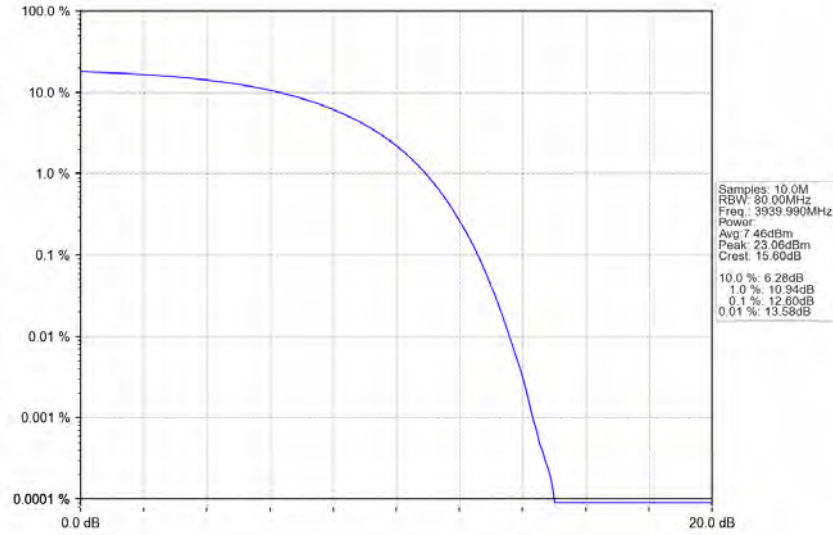
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3740.01MHz Outer Full Ant1



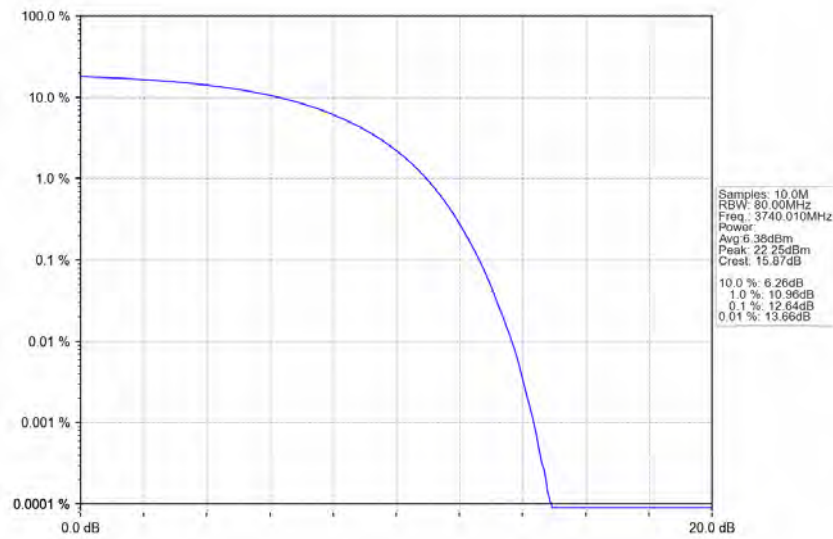
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



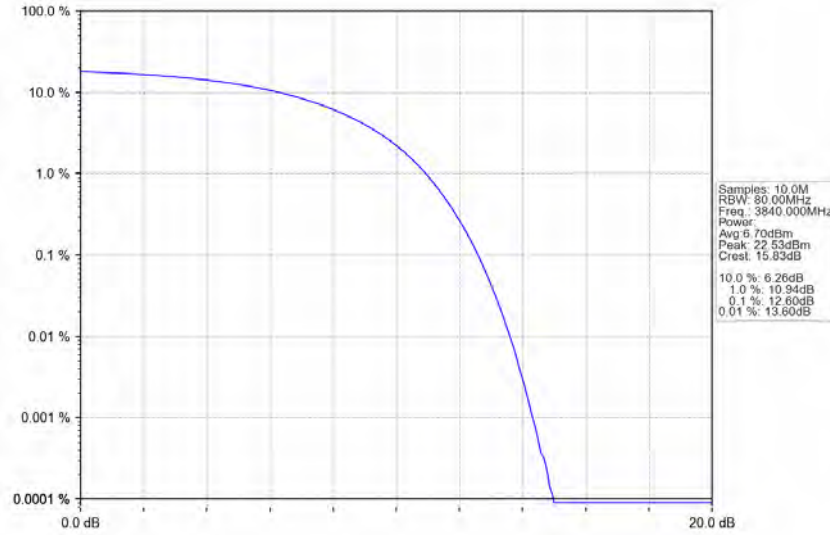
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3939.99MHz Outer Full Ant1



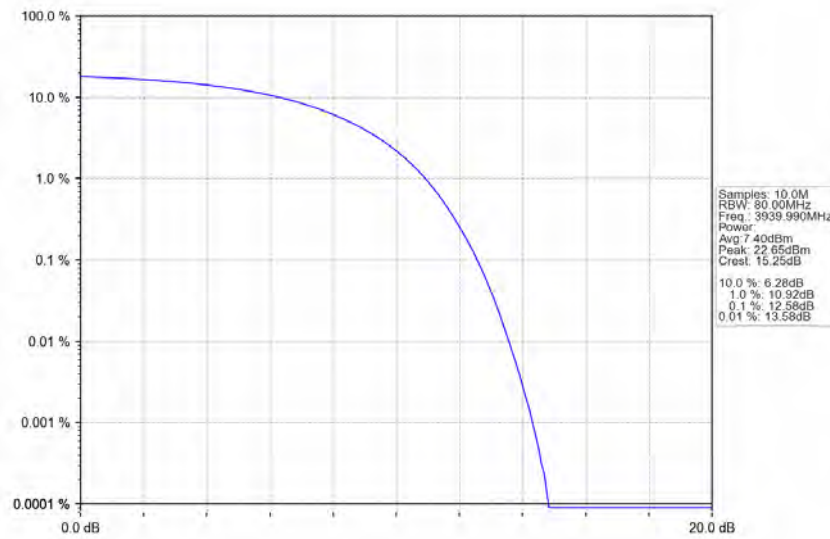
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 64 QAM 3740.01MHz Outer Full Ant1



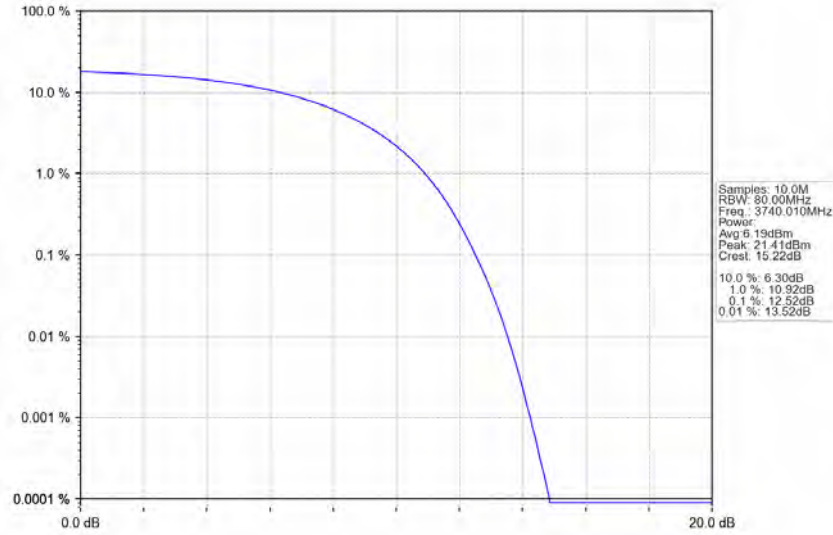
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



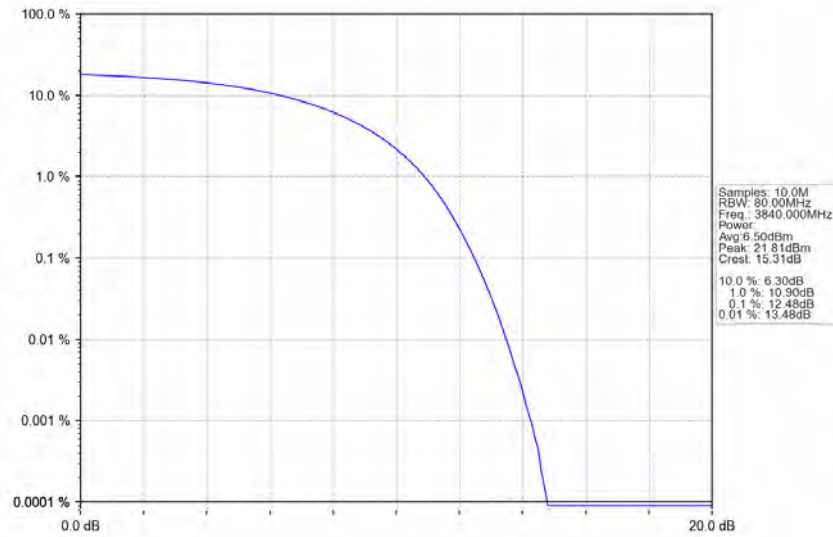
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3939.99MHz_Outer_Full_Ant1



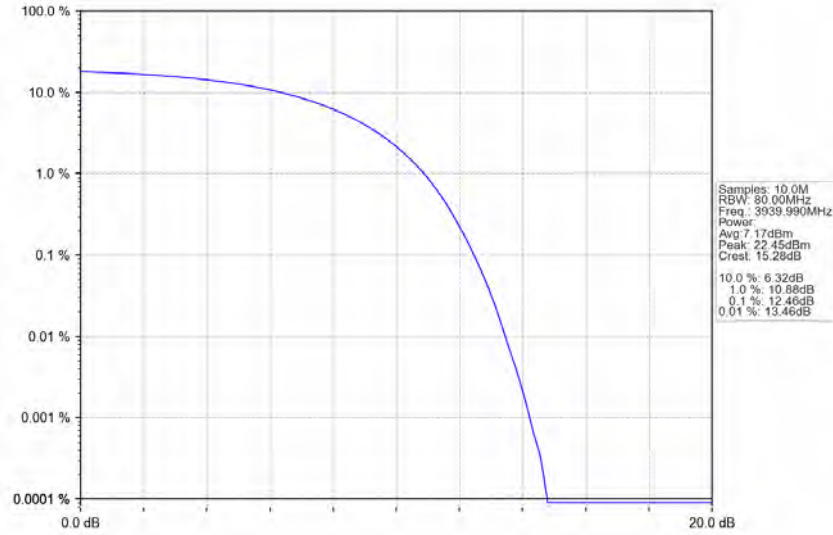
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3740.01MHz_Outer_Full_Ant1



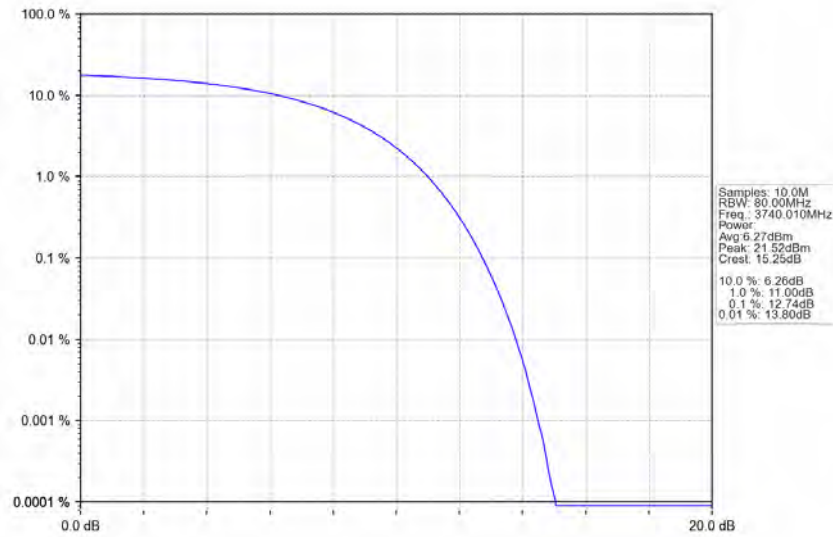
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



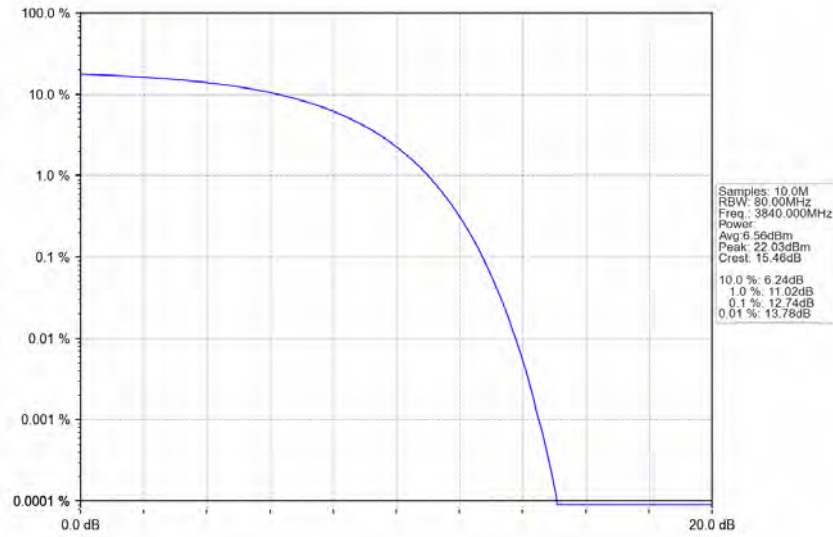
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3939.99MHz Outer Full Ant1



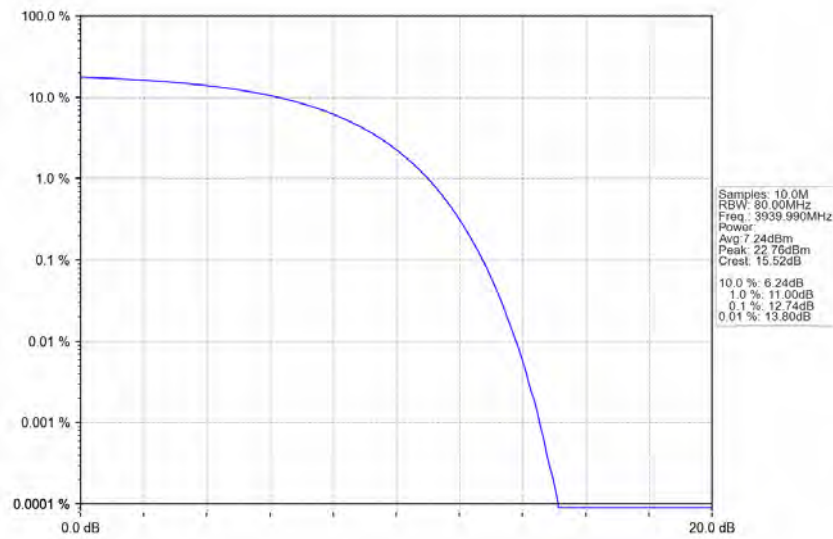
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3740.01MHz Outer Full Ant1



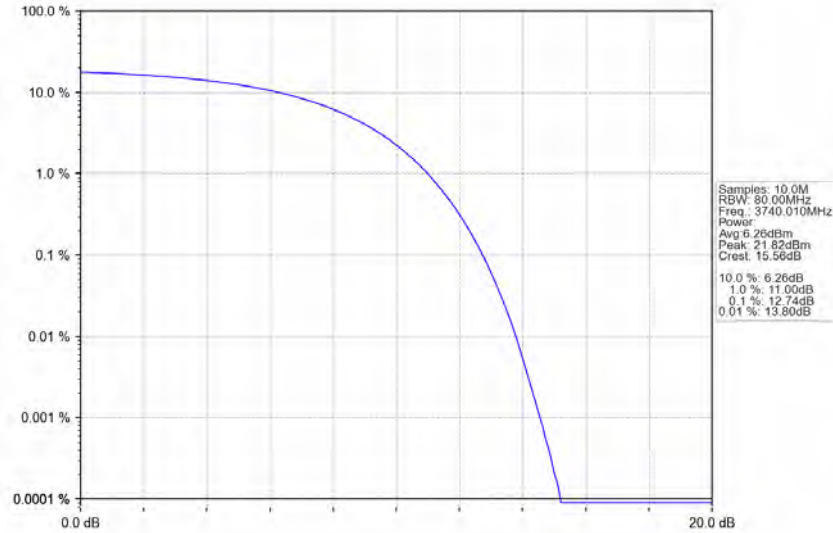
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



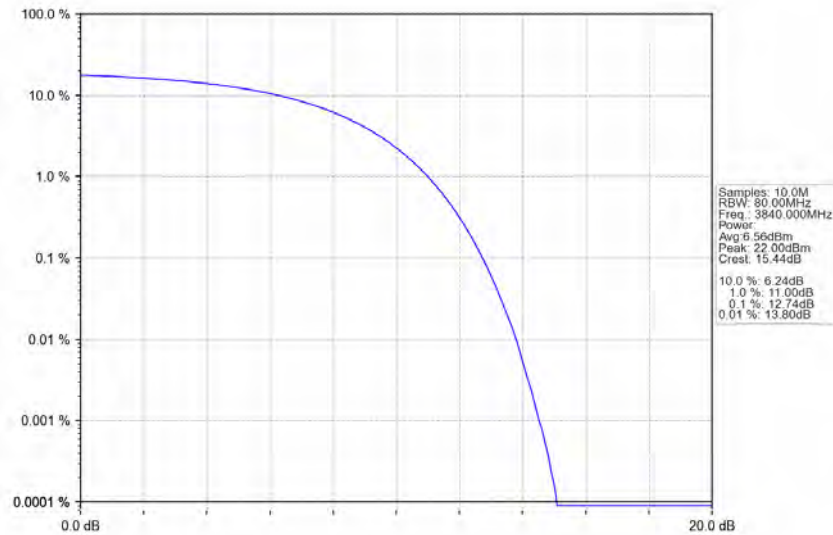
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3939.99MHz Outer Full Ant1



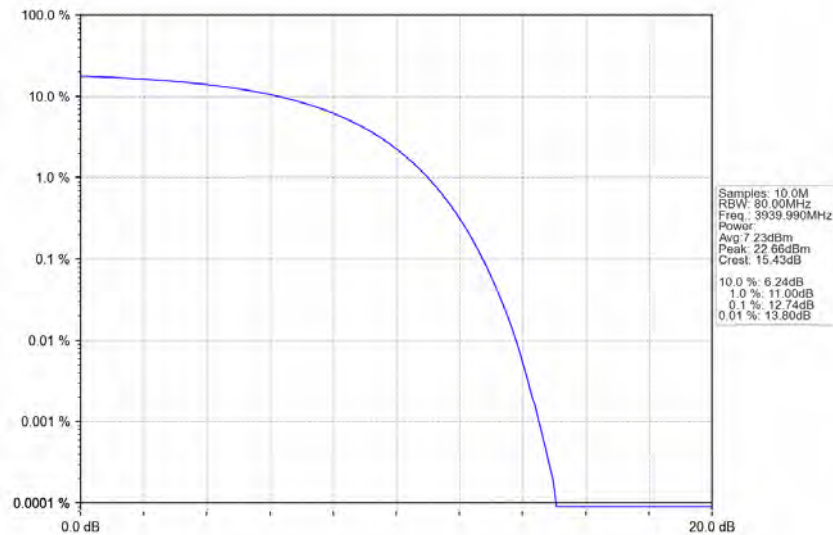
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3740.01MHz_Outer_Full_Ant1



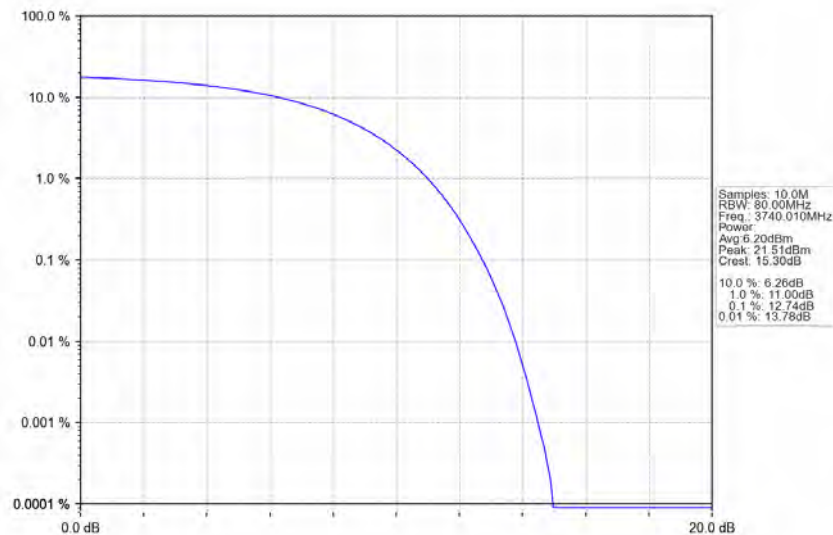
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



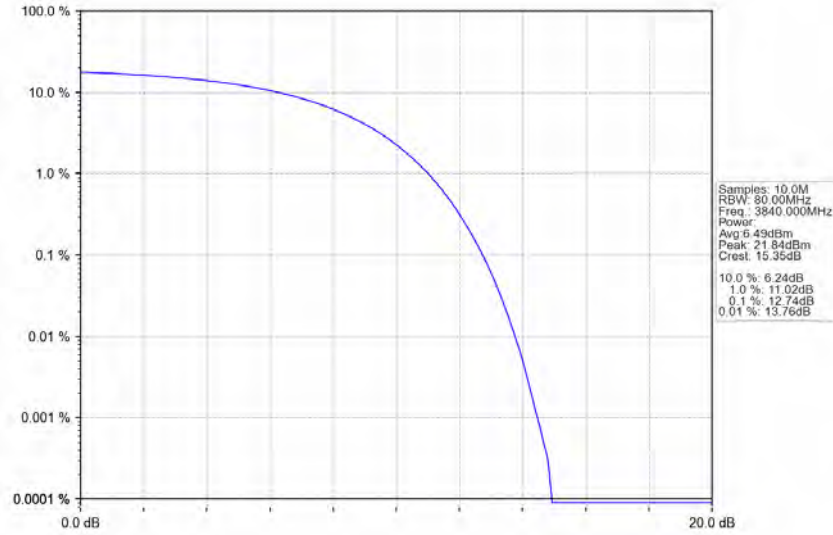
n77a 30kHz SISO NTN 80MHz CP-OFDM 16 QAM 3939.99MHz Outer Full Ant1



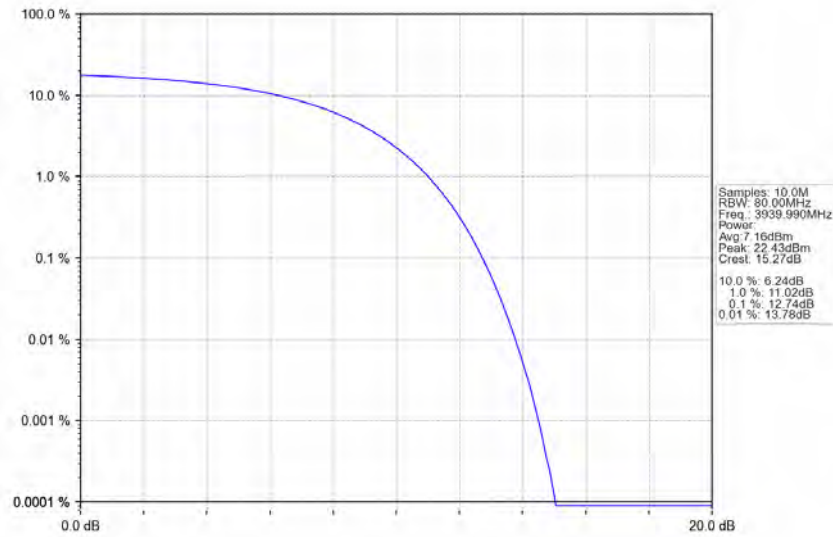
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3740.01MHz Outer Full Ant1



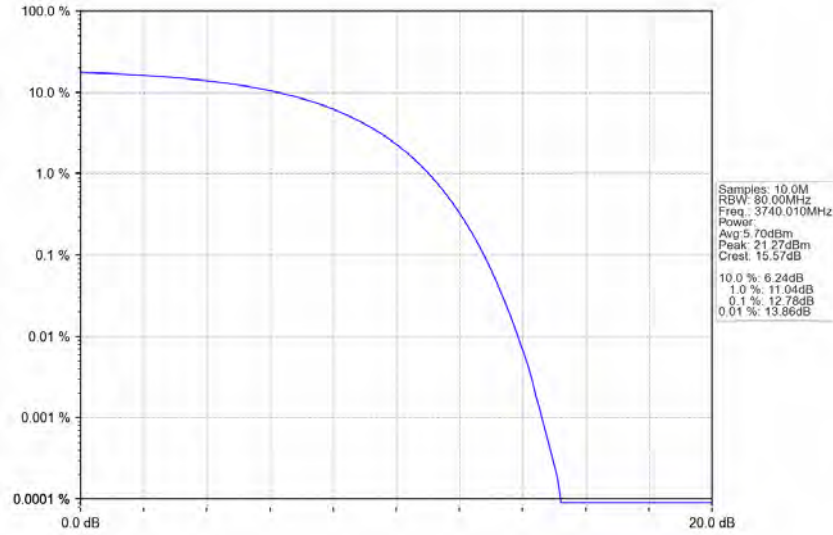
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



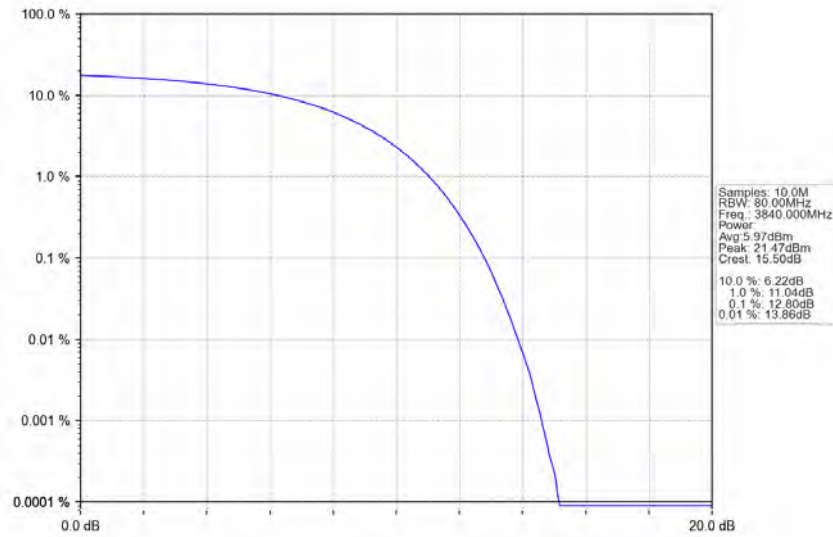
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3939.99MHz Outer Full Ant1



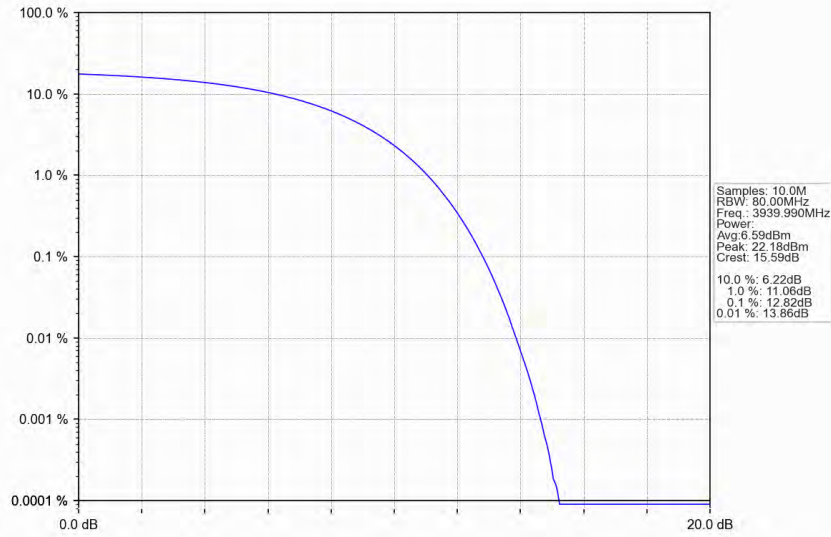
n77a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3740.01MHz Outer Full Ant1



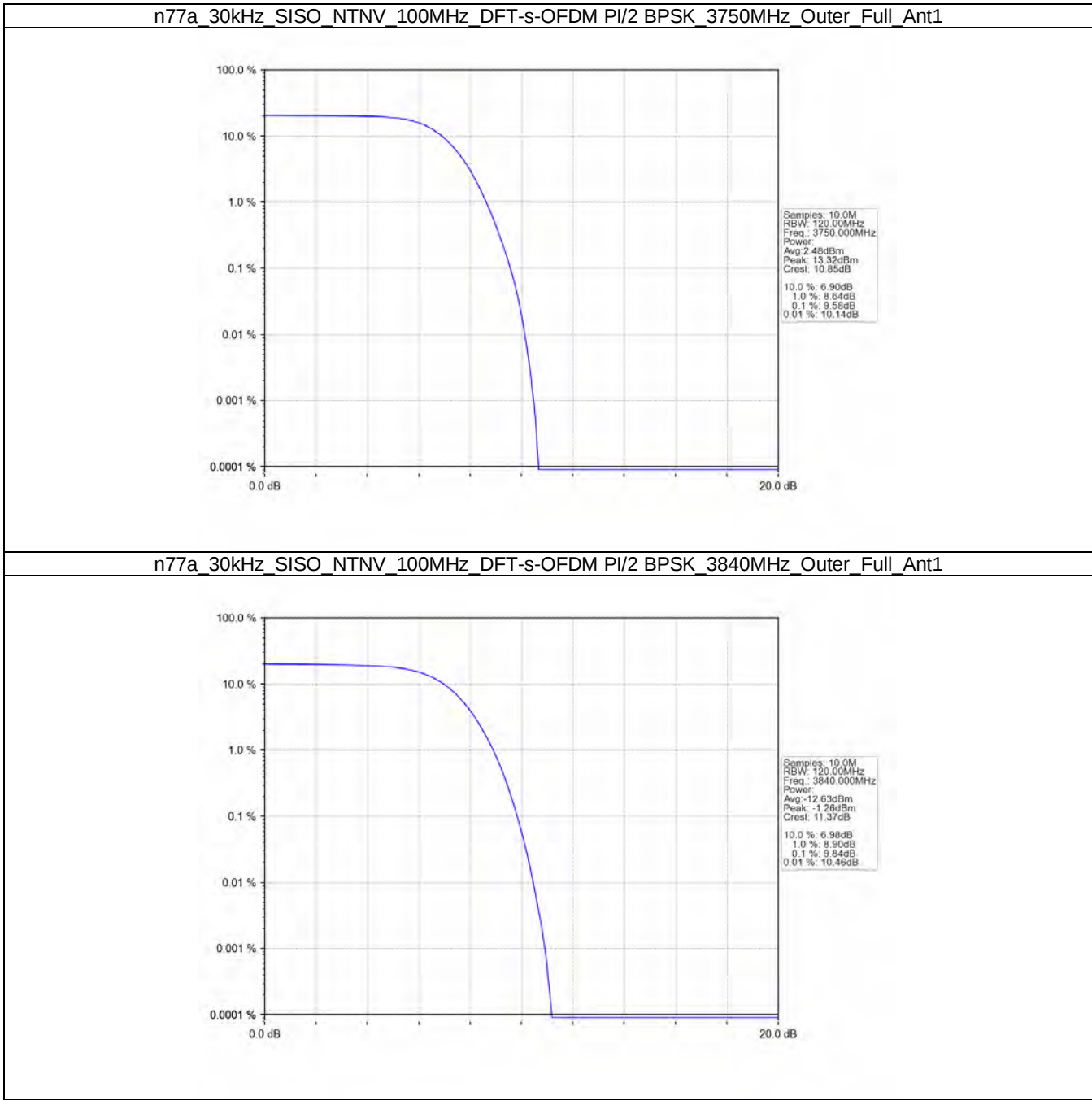
n77a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1



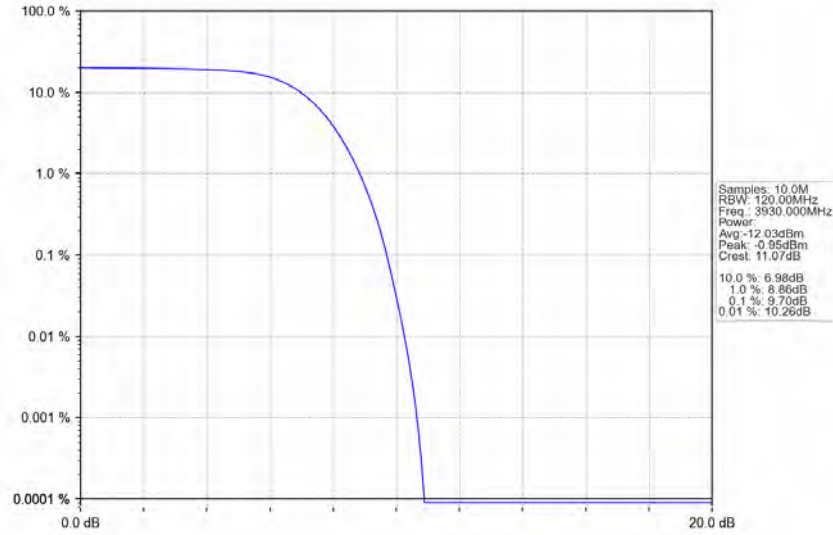
n77a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3939.99MHz Outer Full Ant1



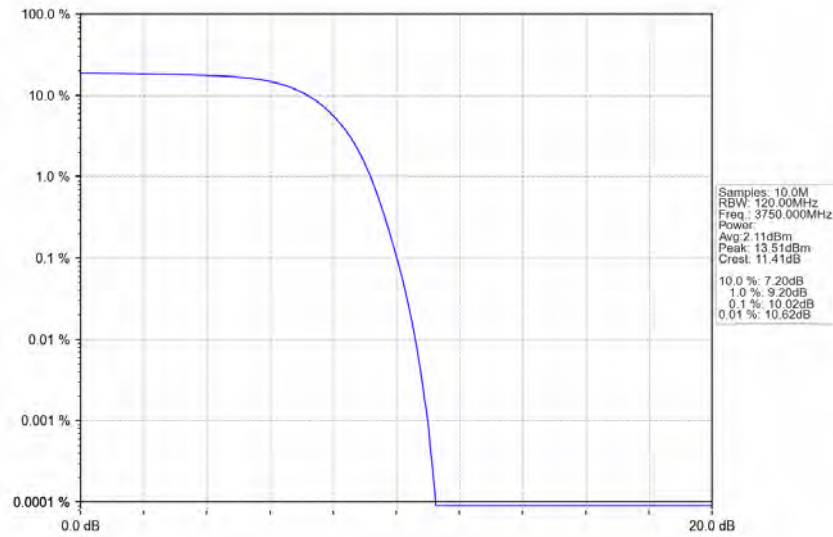
4.2.6 30k_SISO_100MHz_NTNV



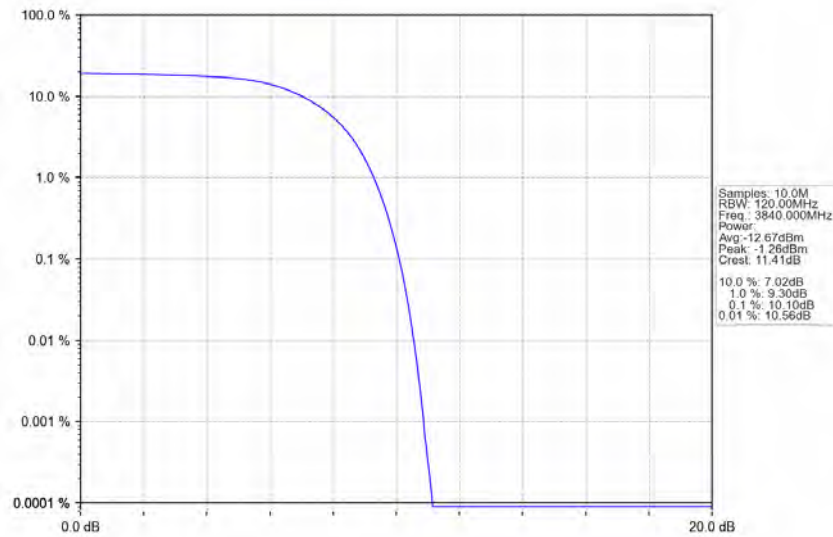
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3930MHz Outer Full Ant1



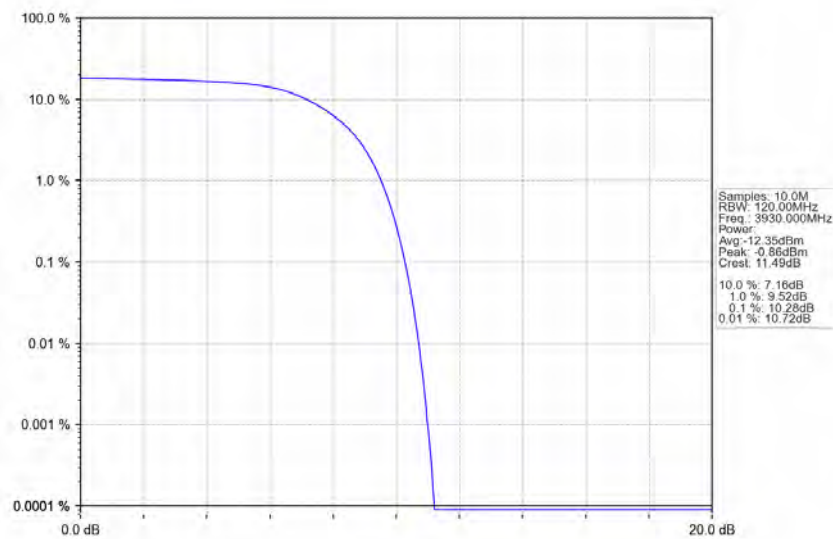
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer Full Ant1



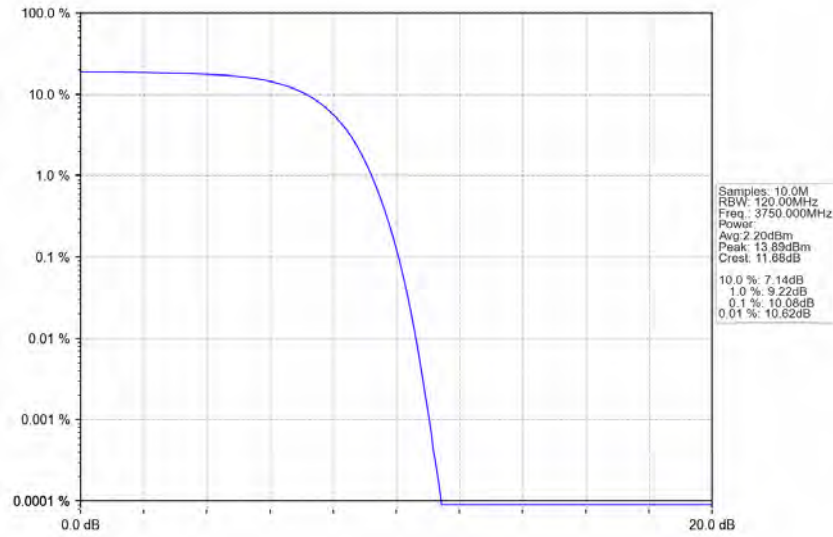
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant1



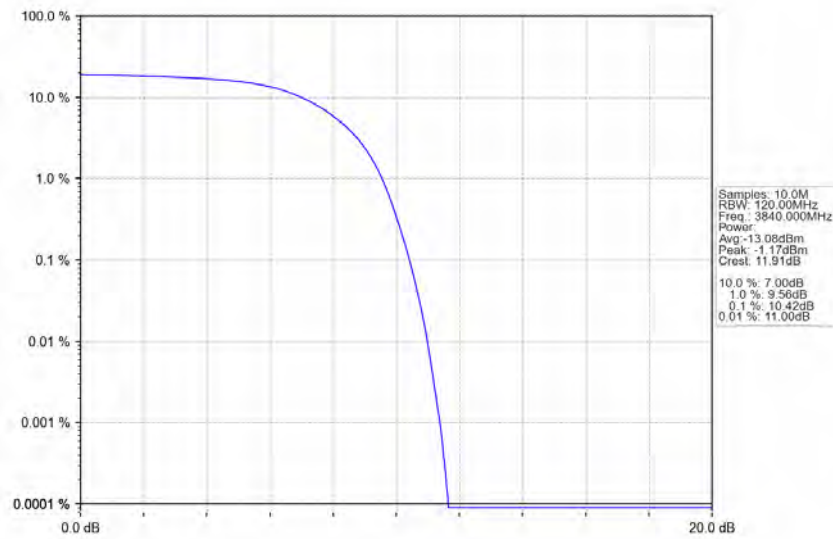
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant1



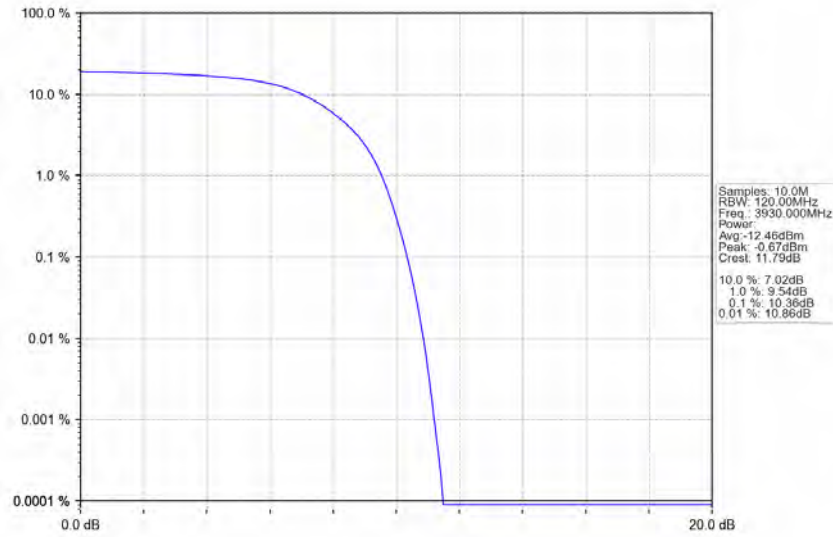
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



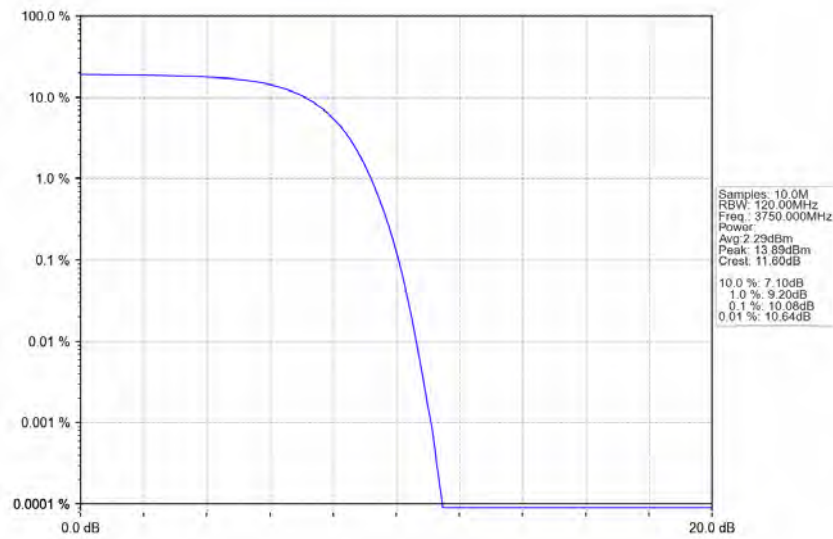
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



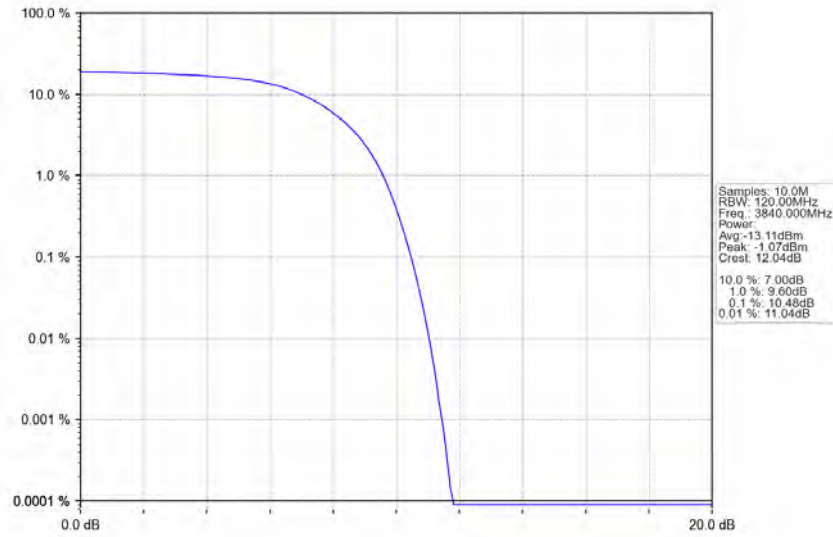
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3930MHz Outer Full Ant1



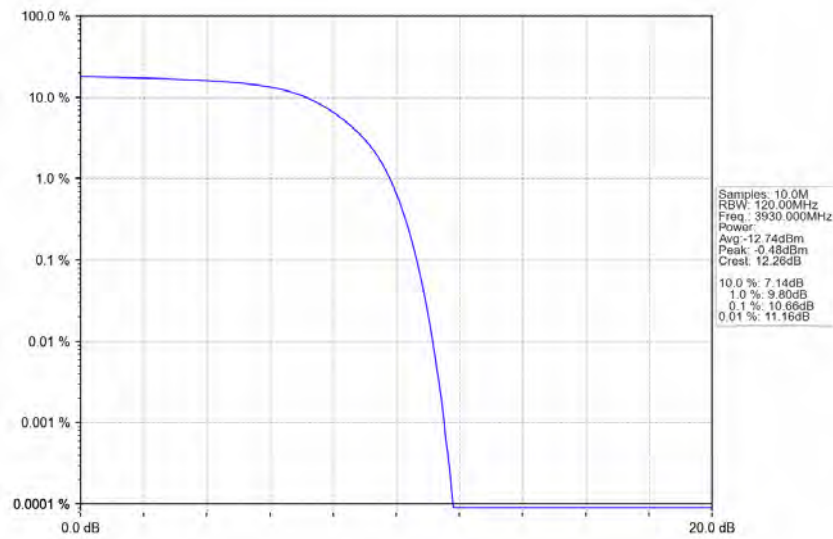
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



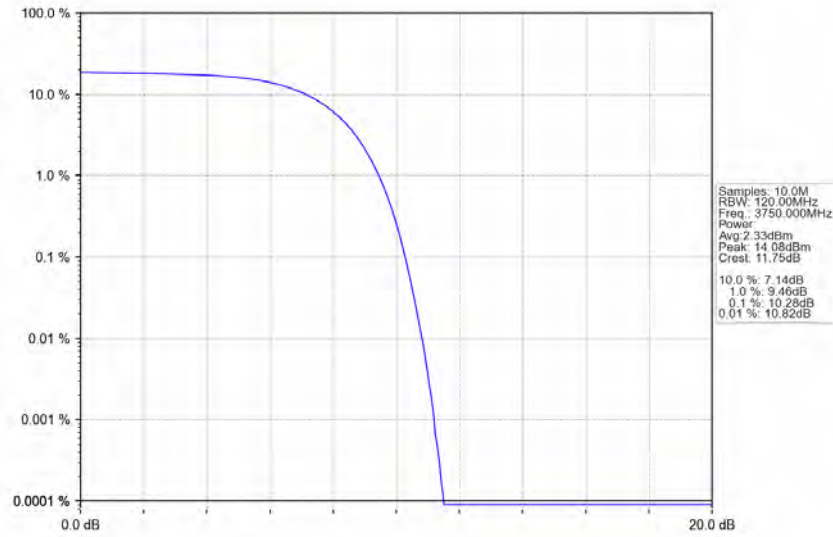
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



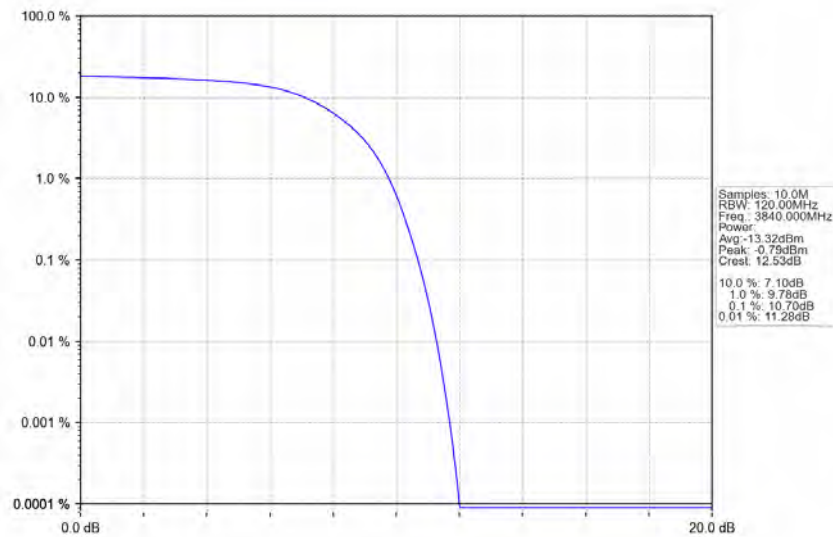
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3930MHz Outer Full Ant1



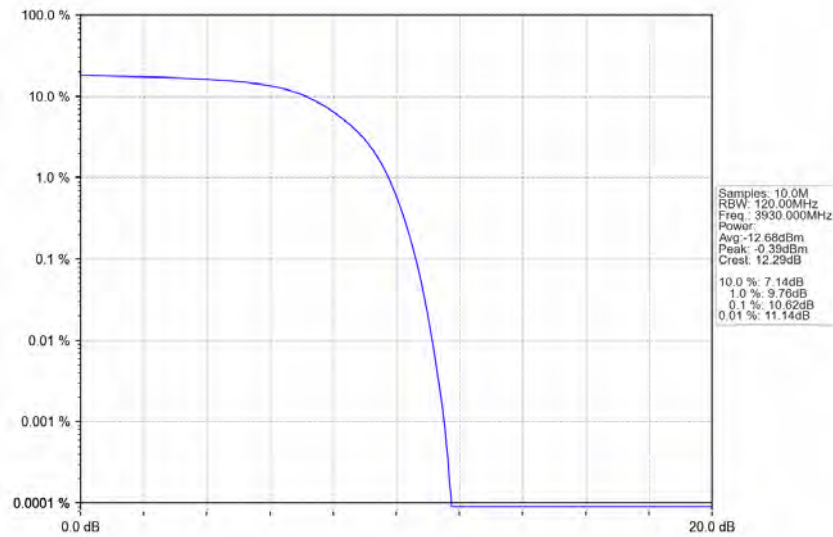
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



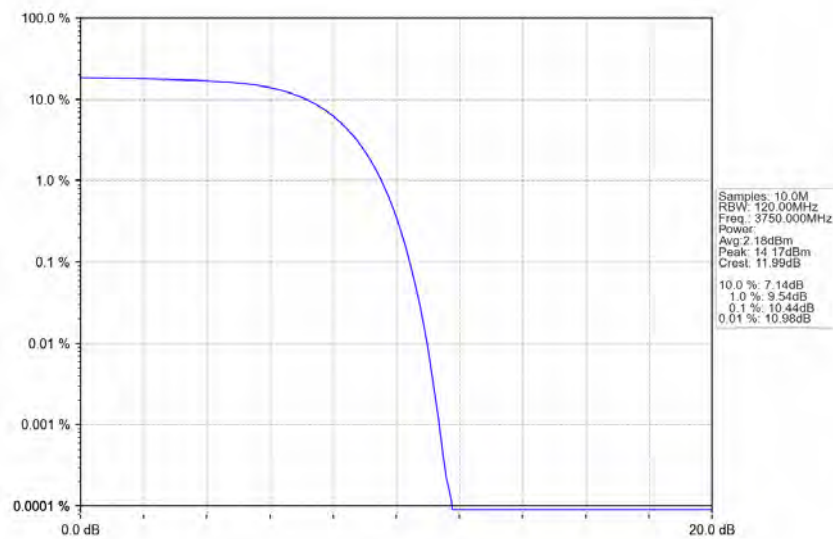
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



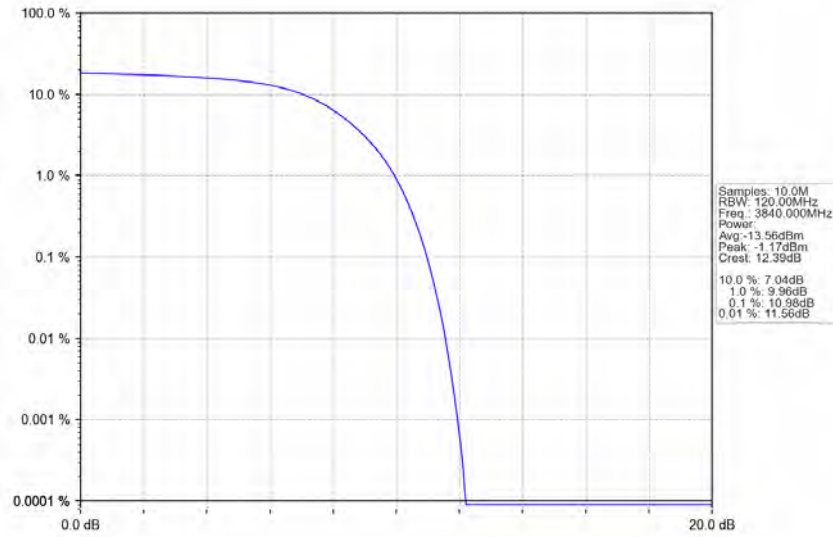
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3930MHz_Outer_Full_Ant1



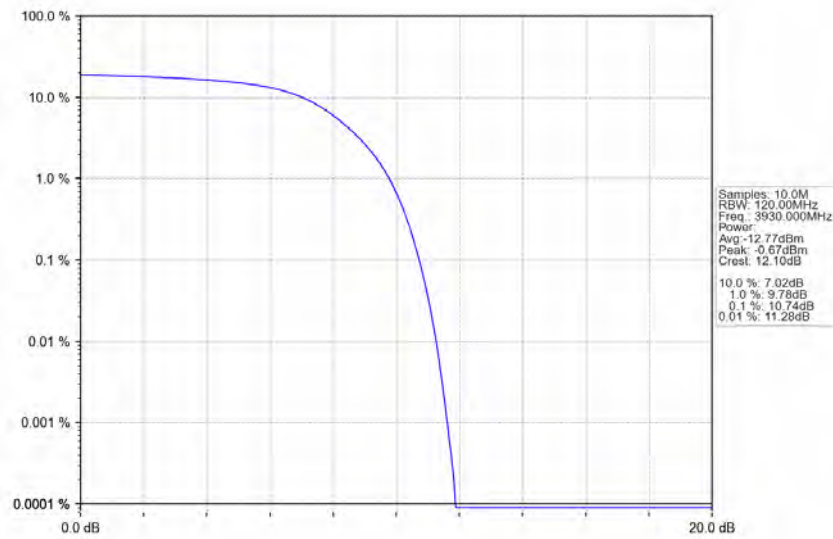
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant1



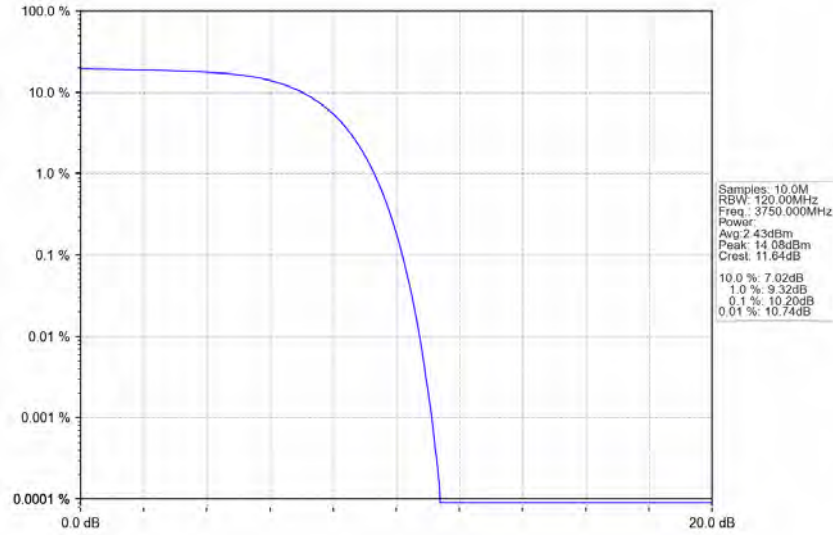
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



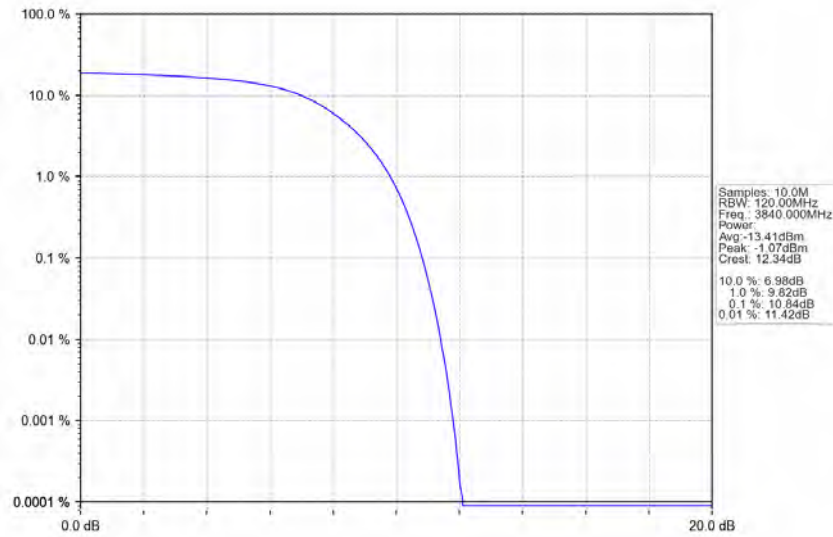
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full_Ant1



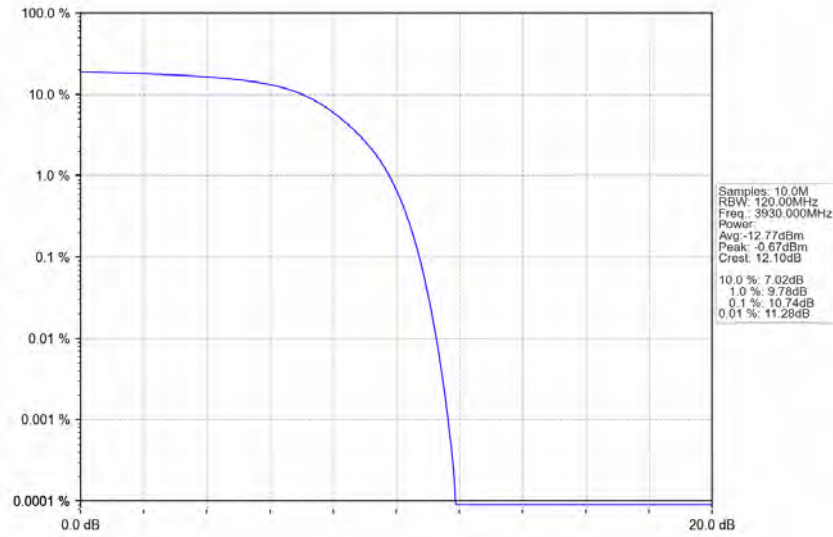
n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



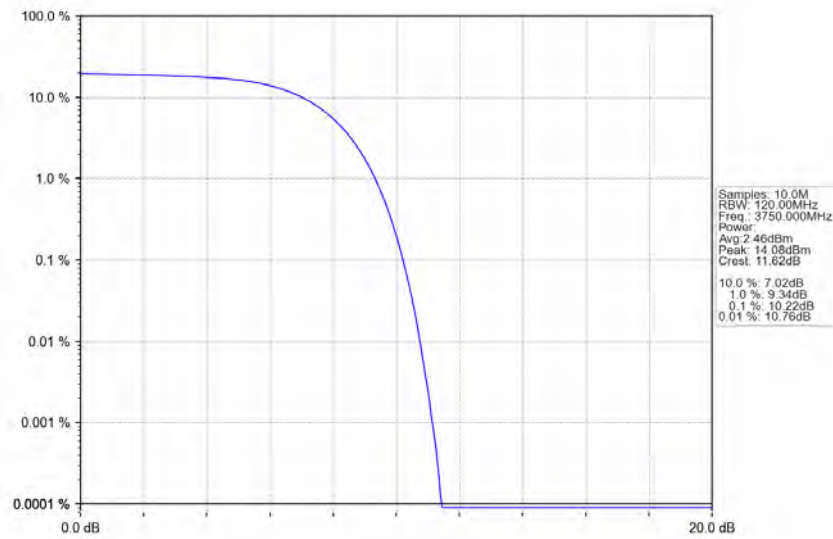
n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



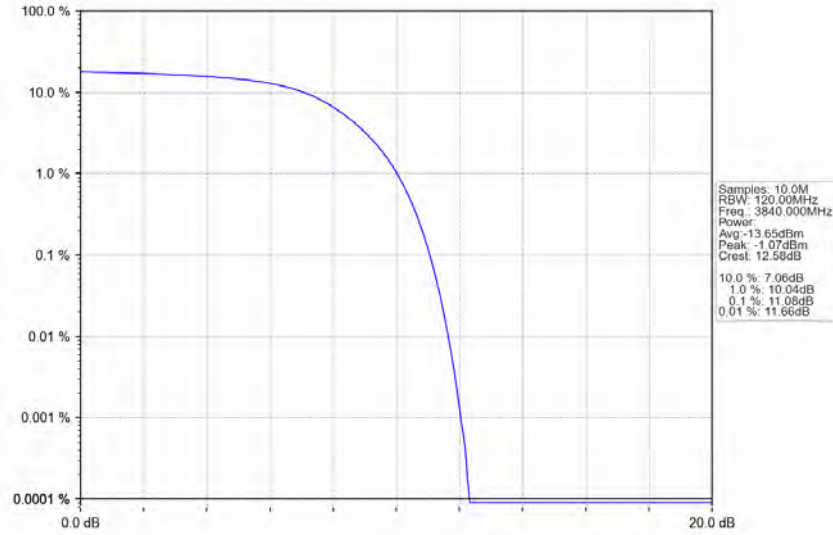
n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3930MHz Outer Full Ant1



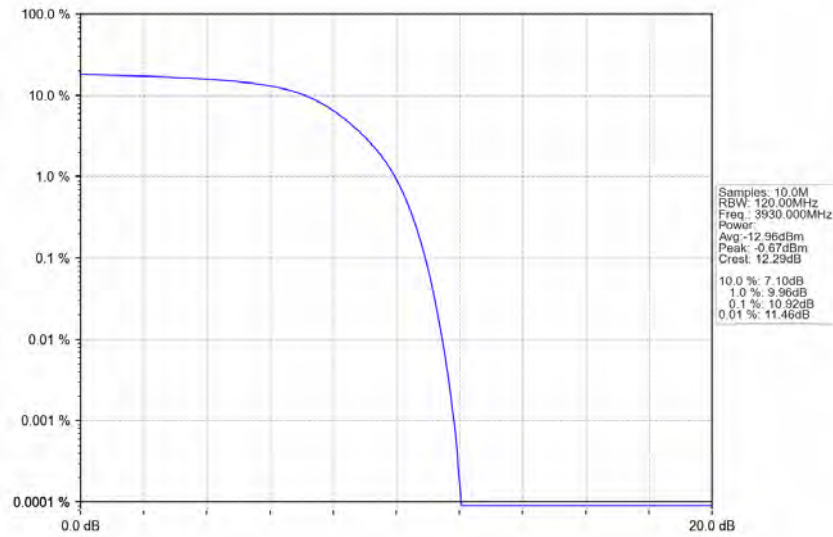
n77a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



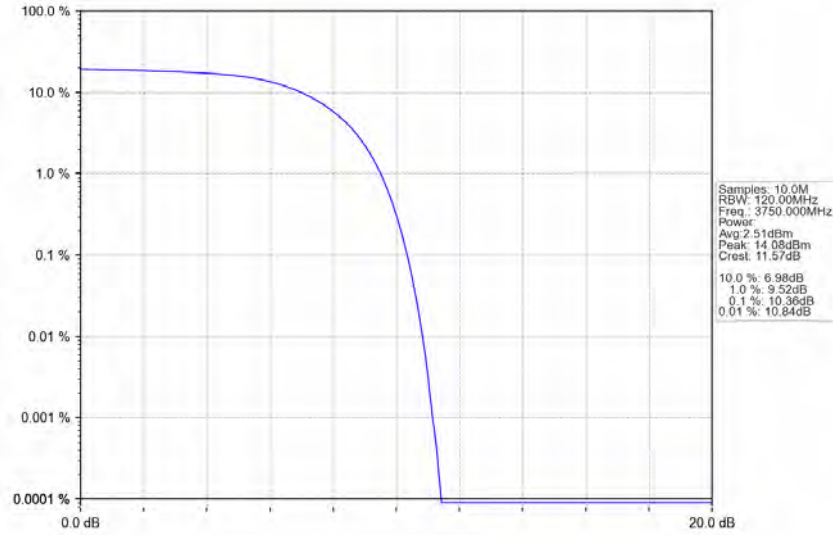
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



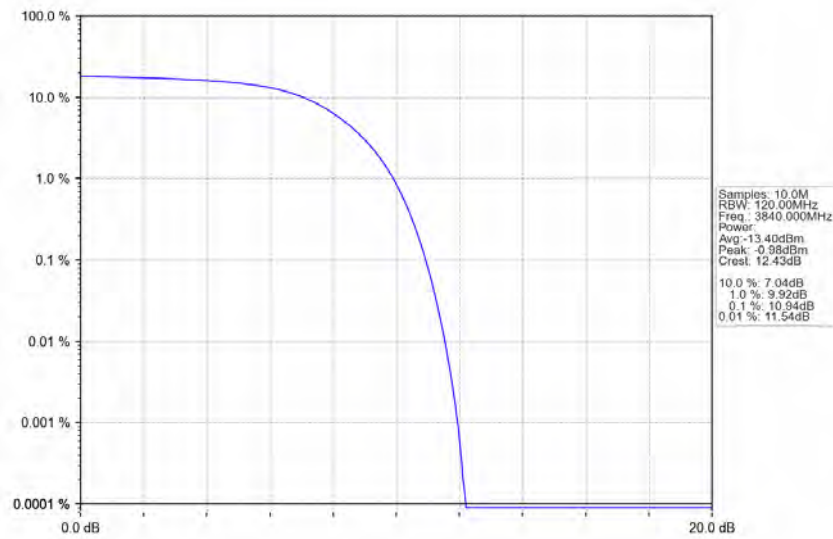
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3930MHz_Outer_Full_Ant1



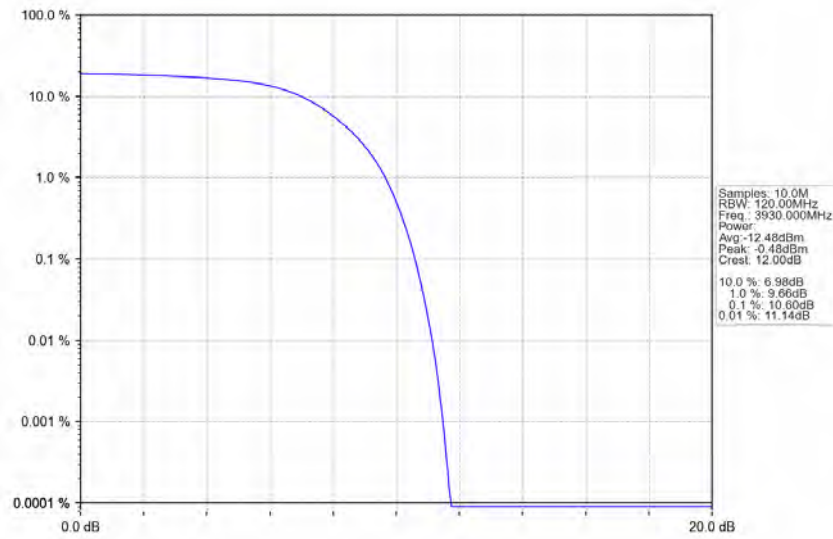
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



n77a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3930MHz Outer Full Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3969.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3969.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3969.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 30k_SISO_30MHz_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3840	Edge_1RB_Left	Refer To Test Graph				Pass	
		3964.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	
	DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3840		Edge_1RB_Left	Refer To Test Graph				Pass	
		3964.98	Edge_1RB_Right	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
Inner_1RB_Right			Refer To Test Graph				Pass	
CP-OFDM QPSK	3715.02	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3840	Edge_1RB_Left	Refer To Test Graph				Pass	

	3964.98	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

5.1.3 30k_SISO_40MHz_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3720	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Inner_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3960	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
	3720	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
CP-OFDM QPSK	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3960	Inner_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass

5.1.4 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3949.98	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3730.02	Inner_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3949.98	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
	3730.02	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
CP-OFDM QPSK	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3949.98	Inner_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass

		Inner 1RB Right	Refer To Test Graph	Pass
--	--	-----------------	---------------------	------

5.1.5 30k_SISO_80MHz_NTNV

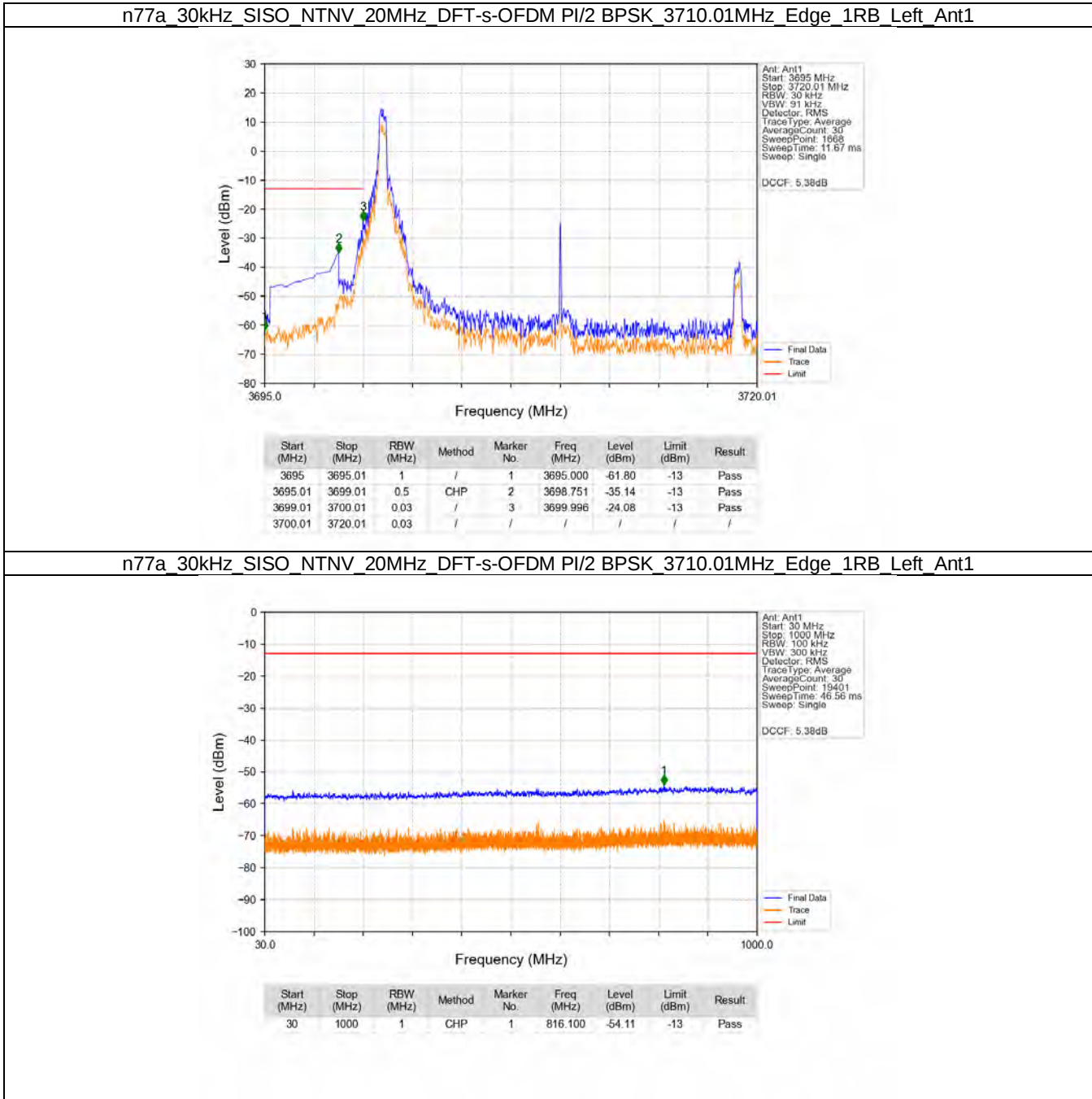
5G NR n77a SCS=30kHz SISO 80MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
		Inner 1RB Left	Refer To Test Graph				Pass	
	3840	Edge 1RB Left	Refer To Test Graph				Pass	
		3939.99	Edge 1RB Right	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3740.01		Inner 1RB Right	Refer To Test Graph				Pass
		Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
	3840	Inner 1RB Left	Refer To Test Graph				Pass	
		3939.99	Edge 1RB Left	Refer To Test Graph				Pass
			Edge 1RB Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3740.01		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Left	Refer To Test Graph				Pass	
		Edge 1RB Left	Refer To Test Graph				Pass	
	3840	Edge 1RB Right	Refer To Test Graph				Pass	
		3939.99	Outer Full	Refer To Test Graph				Pass
			Inner 1RB Right	Refer To Test Graph				Pass

5.1.6 30k_SISO_100MHz_NTNV

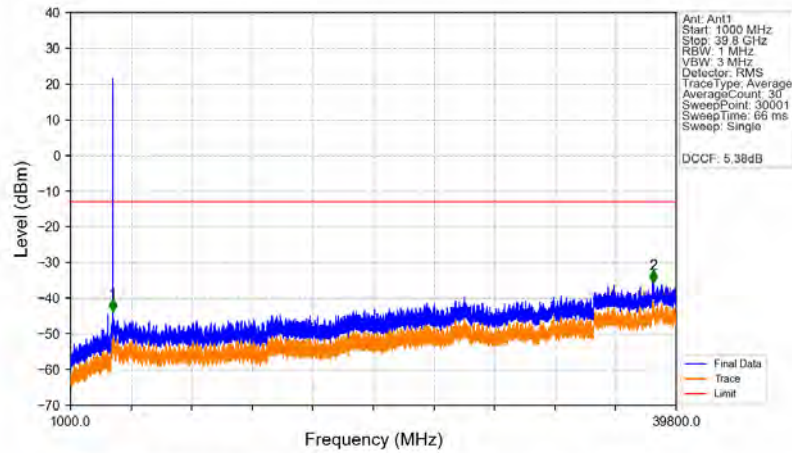
5G NR n77a SCS=30kHz SISO 100MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
		Inner 1RB Left	Refer To Test Graph				Pass	
	3840	Edge 1RB Left	Refer To Test Graph				Pass	
		3930	Edge 1RB Right	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass
	Inner 1RB Right		Refer To Test Graph				Pass	
	3750	Edge 1RB Left	Refer To Test Graph				Pass	
		Outer Full	Refer To Test Graph				Pass	
Inner 1RB Left		Refer To Test Graph				Pass		
DFT-s-OFDM QPSK	3840	Edge 1RB Left	Refer To Test Graph				Pass	
		3930	Edge 1RB Right	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass
	Inner 1RB Right		Refer To Test Graph				Pass	
	CP-OFDM QPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass
Inner 1RB Left			Refer To Test Graph				Pass	
3840		Edge 1RB Left	Refer To Test Graph				Pass	
		3930	Edge 1RB Right	Refer To Test Graph				Pass
			Outer Full	Refer To Test Graph				Pass
Inner 1RB Right	Refer To Test Graph				Pass			

5.2 Test Graph

5.2.1 30k_SISO_20MHz_NTNV

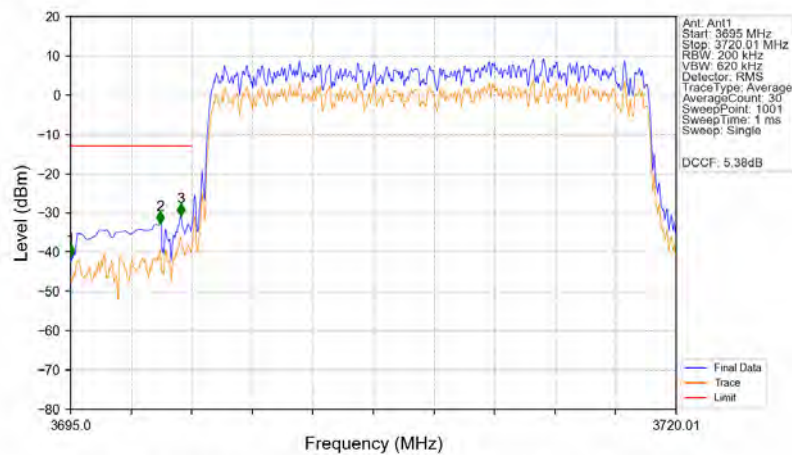


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3710.01MHz_Edge_1RB_Left_Ant1



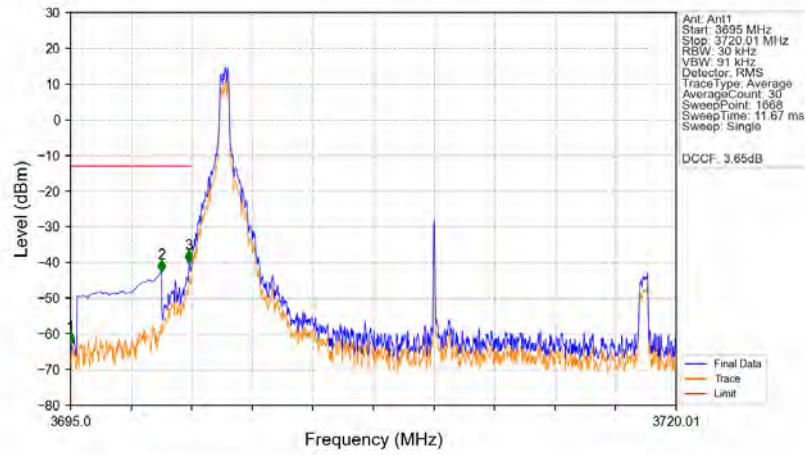
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3691.427	-43.75	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38351.467	-35.61	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3710.01MHz_Outer_Full_Ant1



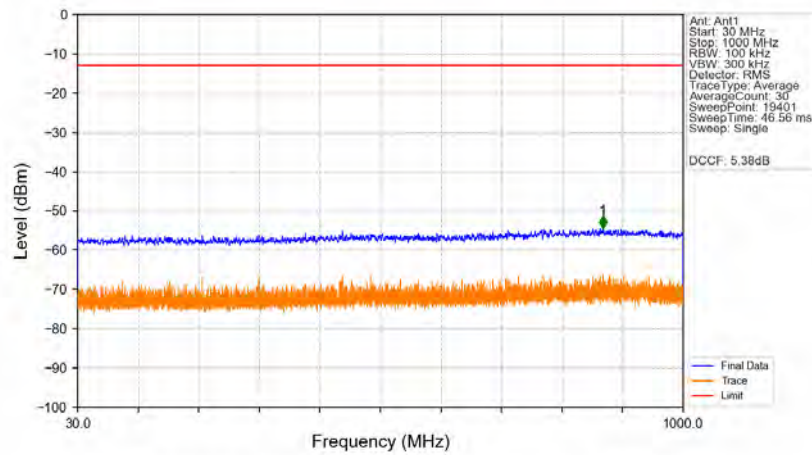
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-41.22	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.701	-32.81	-13	Pass
3699.01	3700.01	0.2	/	3	3699.552	-30.77	-13	Pass
3700.01	3720.01	0.2	/	/	/	/	/	/

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3710.01MHz_Inner_1RB_Left_Ant1



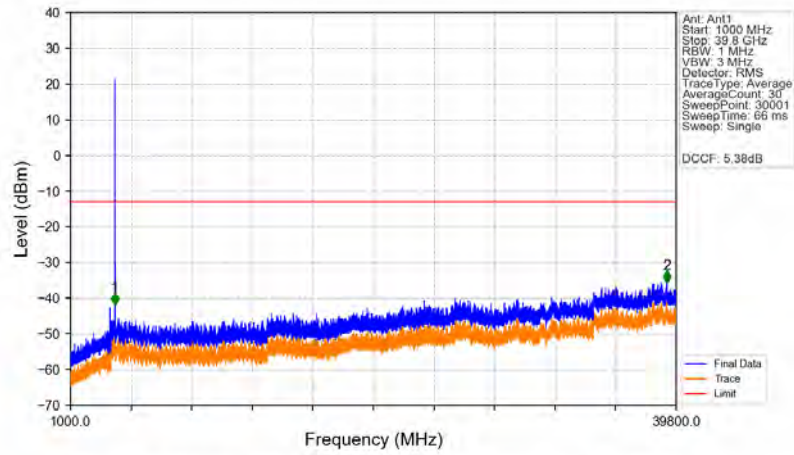
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-62.82	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.751	-42.63	-13	Pass
3699.01	3700.01	0.03	/	3	3699.891	-40.16	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant1



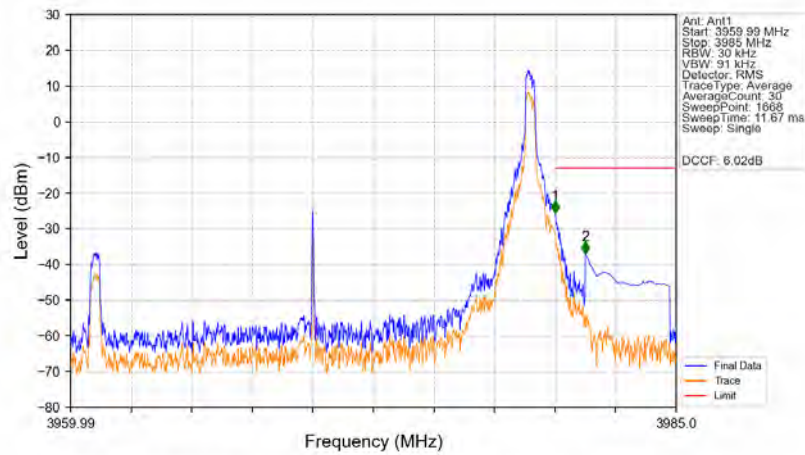
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	871.500	-54.43	-13	Pass

n77a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



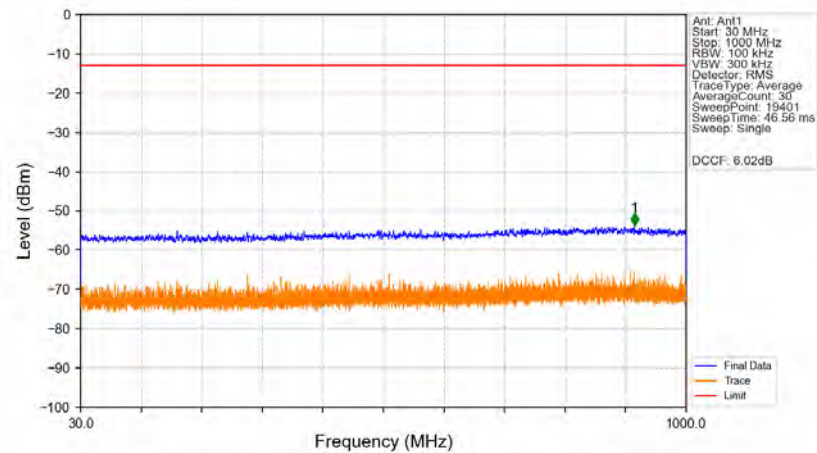
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3825	1	/	1	3824.640	-41.84	-13	Pass
3825	3855	1	/	/	/	/	/	/
3855	39800	1	/	2	39202.480	-35.64	-13	Pass

n77a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3969.99MHz Edge 1RB Right Ant1



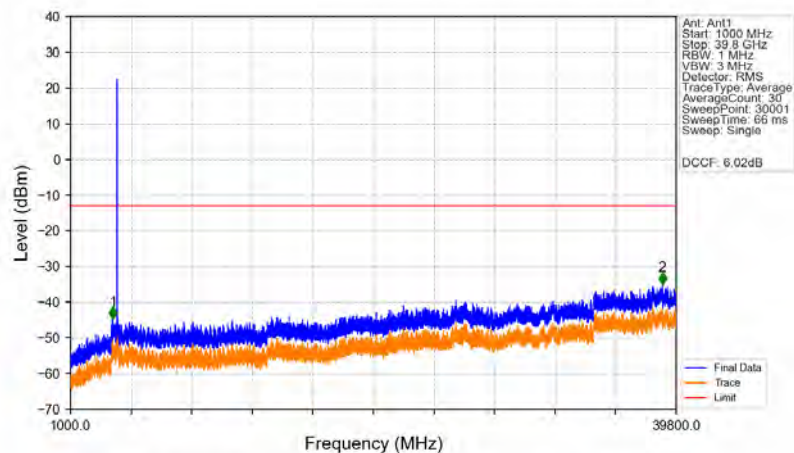
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	1	3980.004	-25.66	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-37.07	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3969.99MHz_Edge_1RB_Right_Ant1



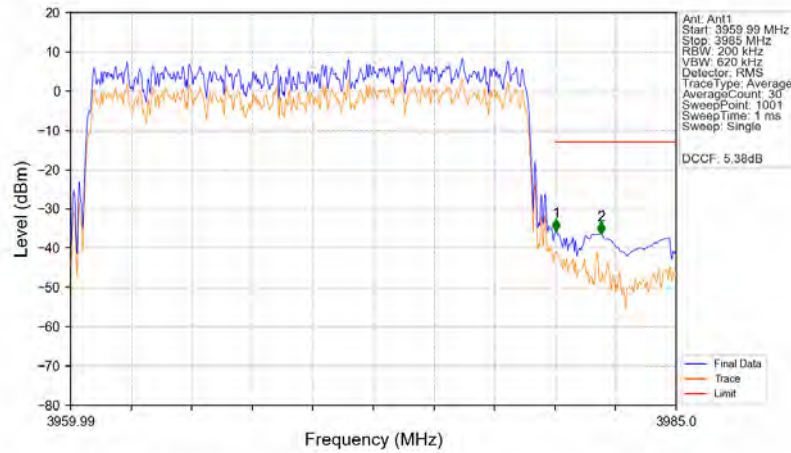
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	917.050	-53.73	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3969.99MHz_Edge_1RB_Right_Ant1



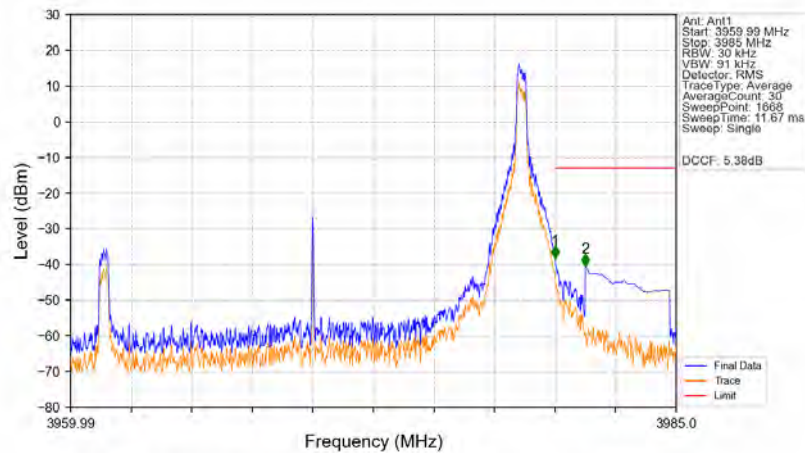
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3721.173	-44.74	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38914.067	-35.15	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3969.99MHz_Outer_Full_Ant1



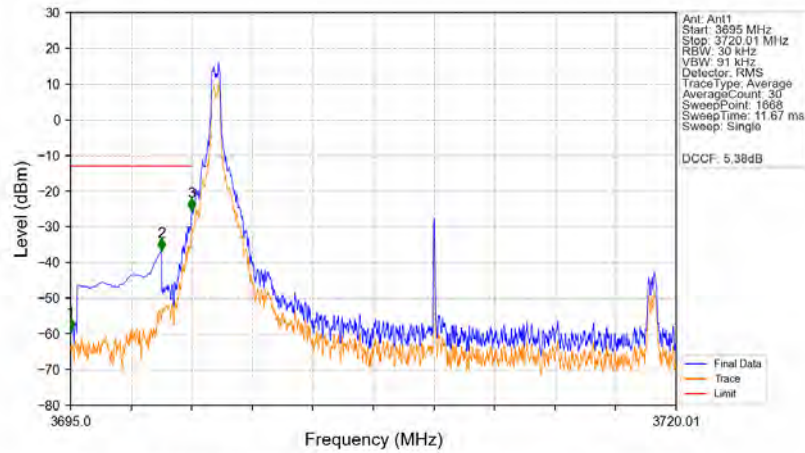
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.2	/	/	/	/	/	/
3979.99	3980.99	0.2	/	1	3980.048	-35.59	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.899	-36.40	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3969.99MHz_Inner_1RB_Right_Ant1



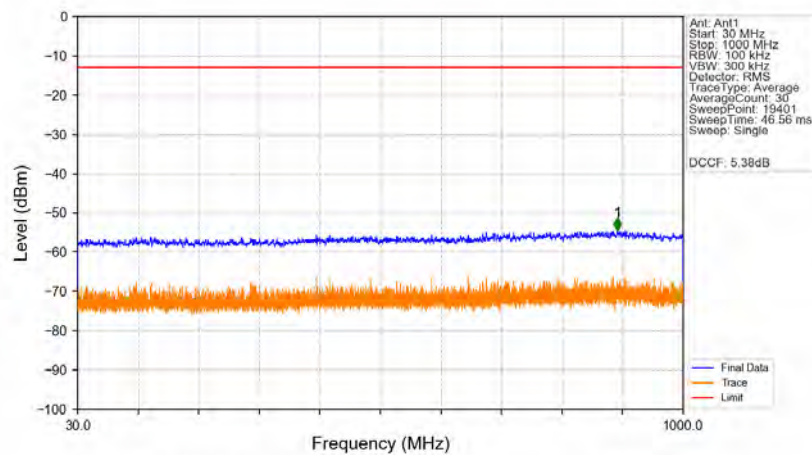
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	1	3980.004	-38.18	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-40.46	-13	Pass

n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Edge 1RB Left Ant1



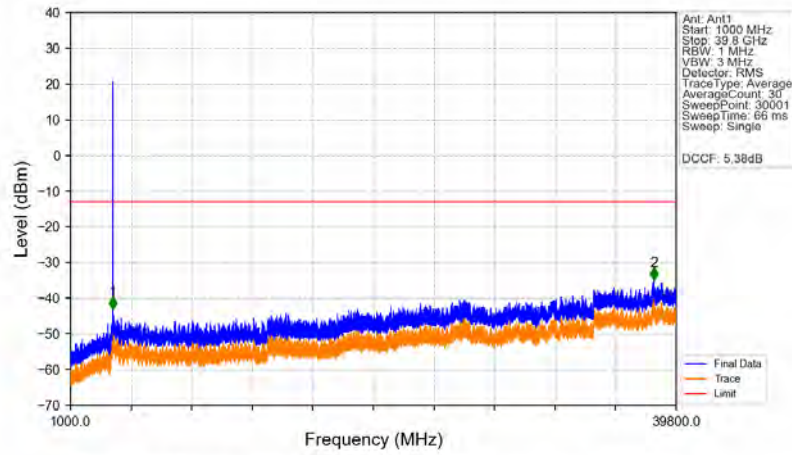
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-58.87	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.751	-36.70	-13	Pass
3699.01	3700.01	0.03	/	3	3699.996	-25.51	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/

n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Edge 1RB Left Ant1



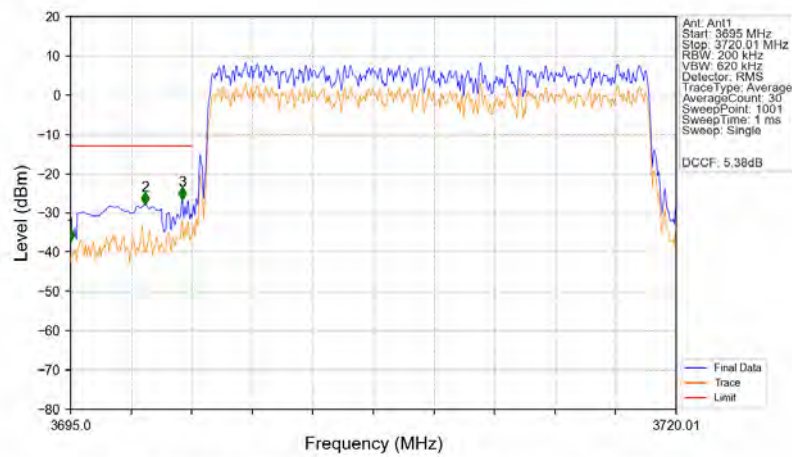
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.650	-54.45	-13	Pass

n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Edge 1RB Left Ant1



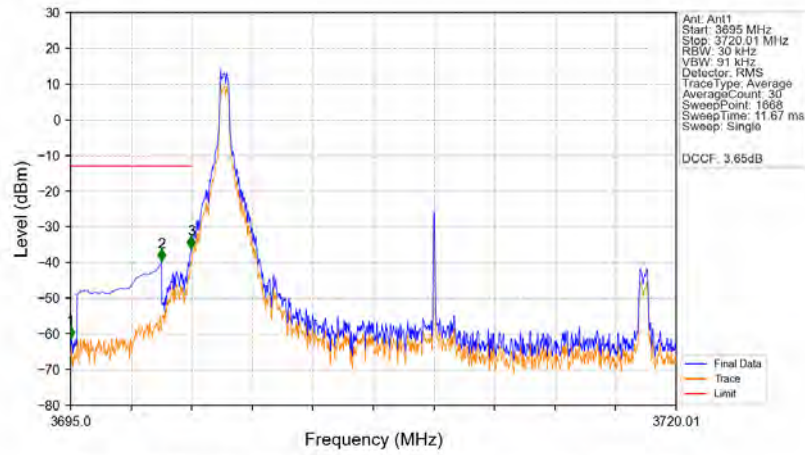
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3692.720	-43.06	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38369.573	-34.83	-13	Pass

n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full Ant1

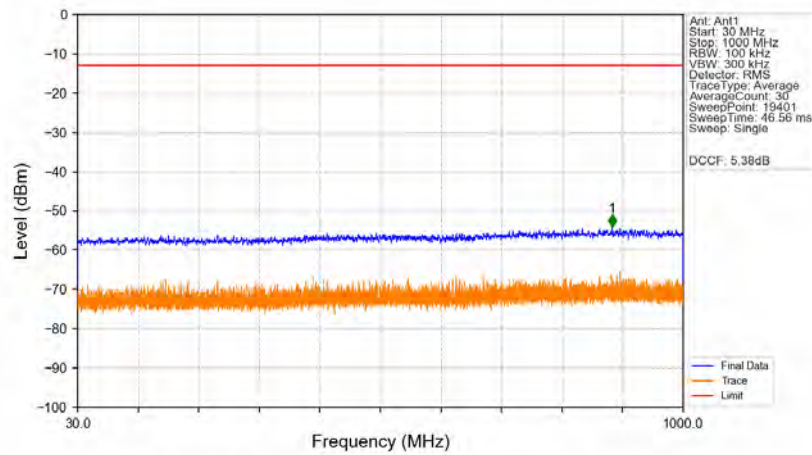


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-37.11	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.076	-27.77	-13	Pass
3699.01	3700.01	0.2	/	3	3699.602	-26.63	-13	Pass
3700.01	3720.01	0.2	/	/	/	/	/	/

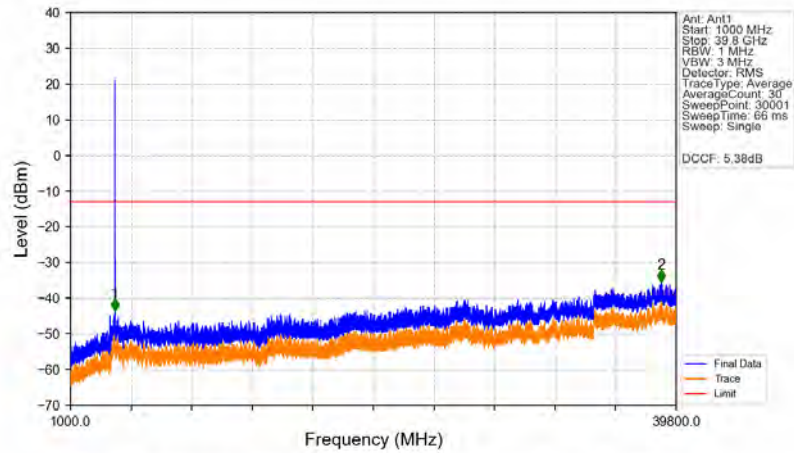
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Inner 1RB Left Ant1



n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant1

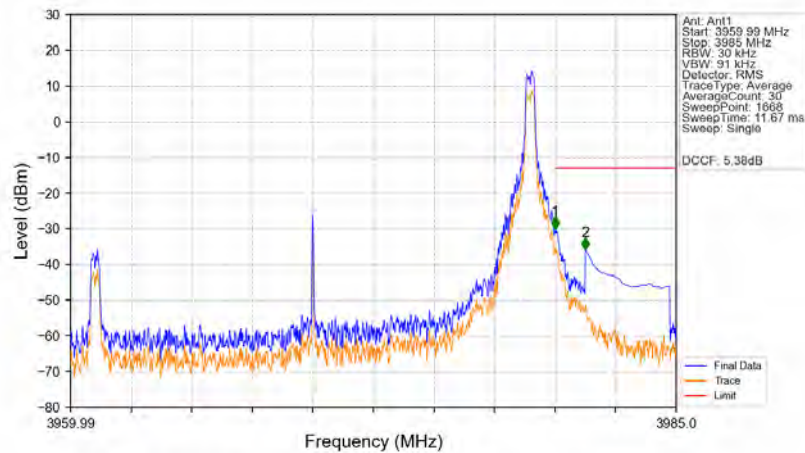


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



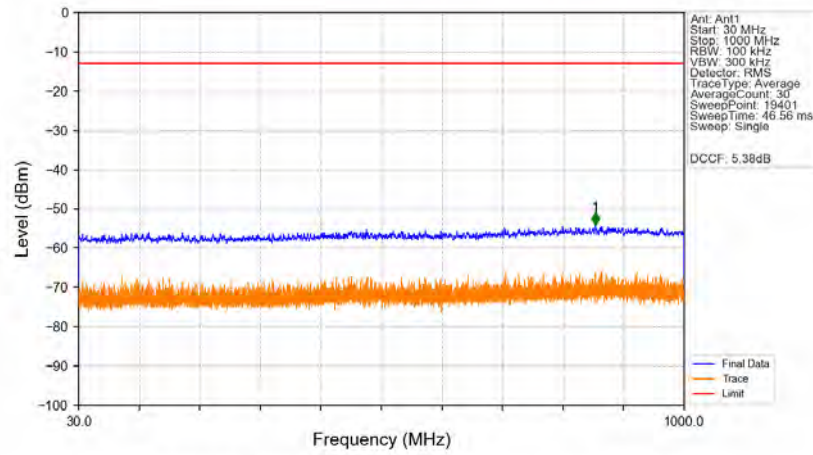
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3825	1	/	1	3823.347	-43.50	-13	Pass
3825	3855	1	/	/	/	/	/	/
3855	39800	1	/	2	38844.227	-35.43	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant1



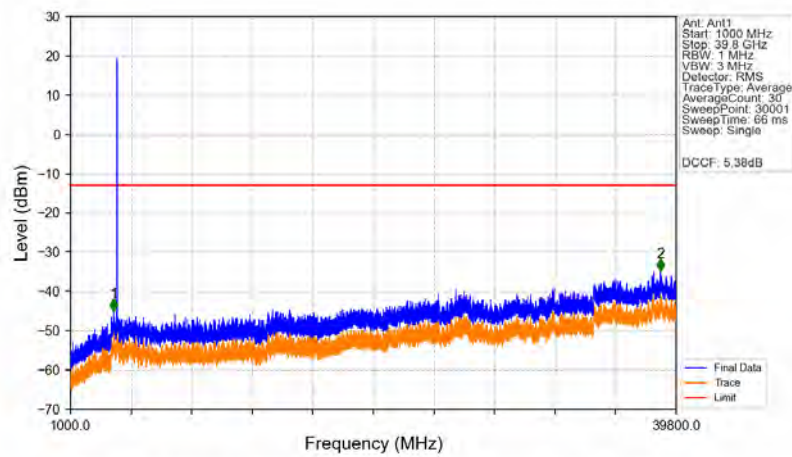
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	1	3980.004	-30.02	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-35.93	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant1



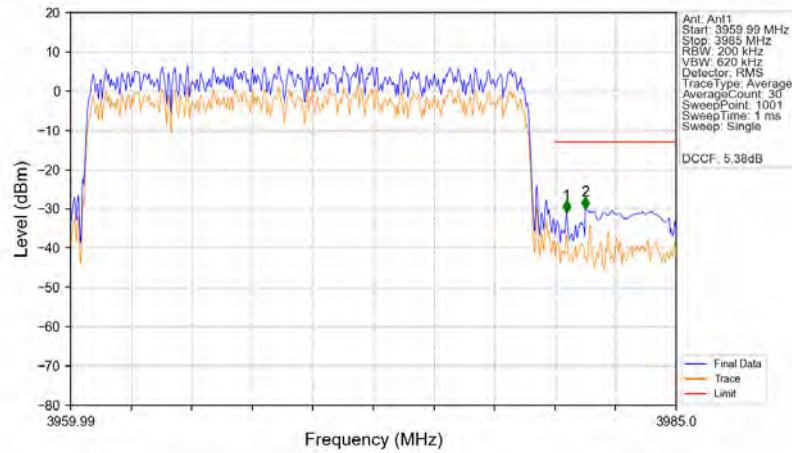
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	857.600	-54.06	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant1



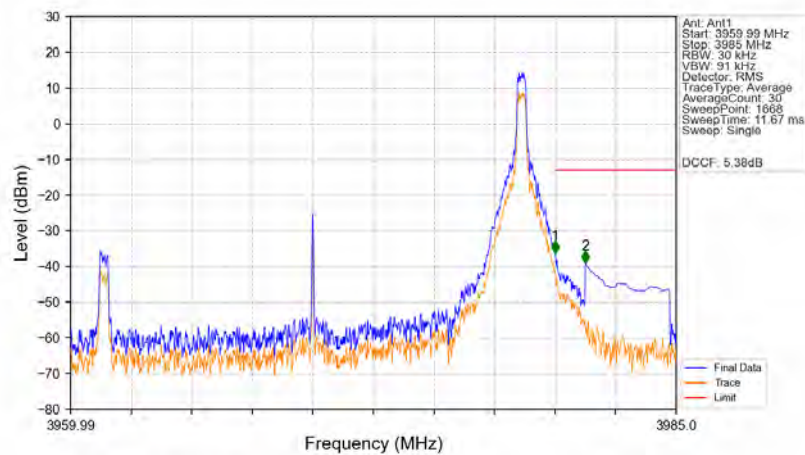
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3762.560	-44.95	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38782.147	-34.71	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Outer_Full_Ant1



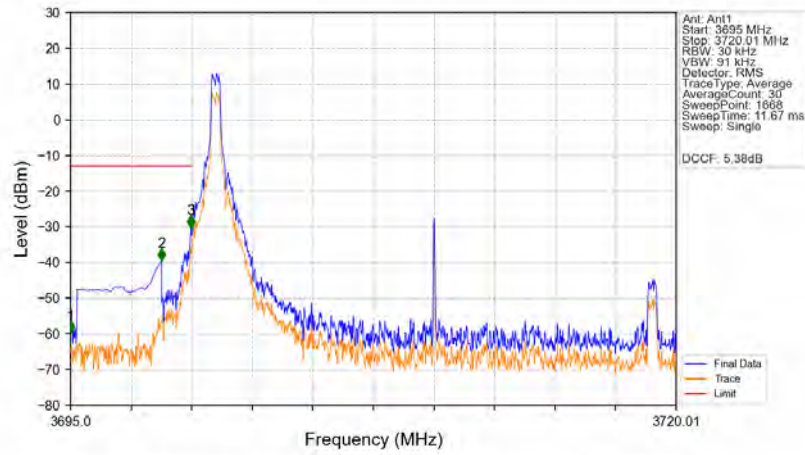
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.2	/	/	/	/	/	/
3979.99	3980.99	0.2	/	1	3980.473	-31.01	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-30.00	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Inner_1RB_Right_Ant1



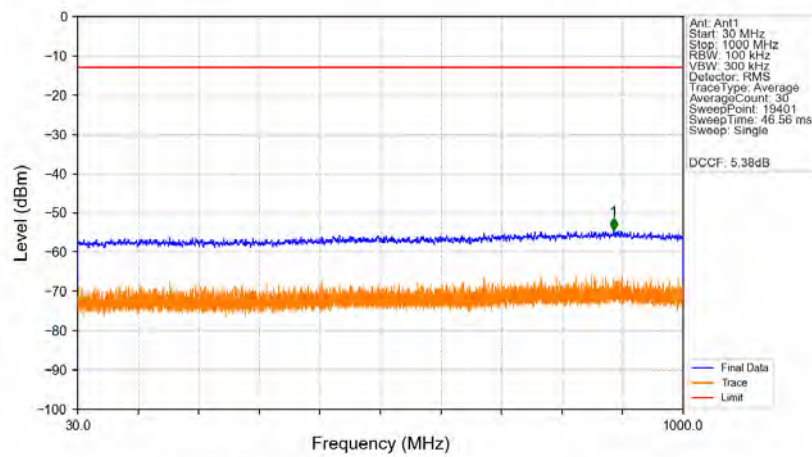
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	1	3980.004	-36.30	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-38.98	-13	Pass

n77a 30kHz SISO NTV 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left Ant1



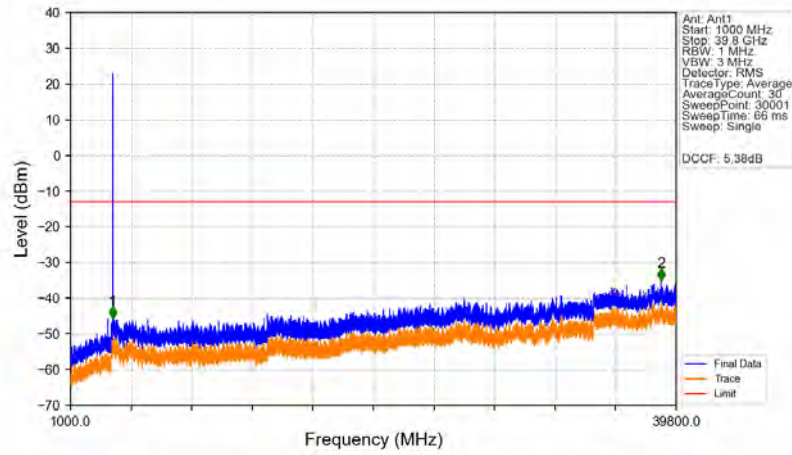
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-59.74	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.751	-39.54	-13	Pass
3699.01	3700.01	0.03	/	3	3699.966	-30.23	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/

n77a 30kHz SISO NTV 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left Ant1



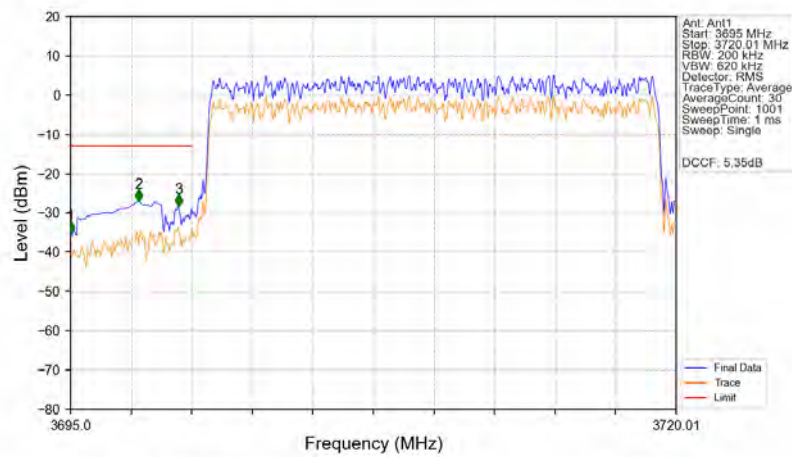
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	888.800	-54.32	-13	Pass

n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left Ant1



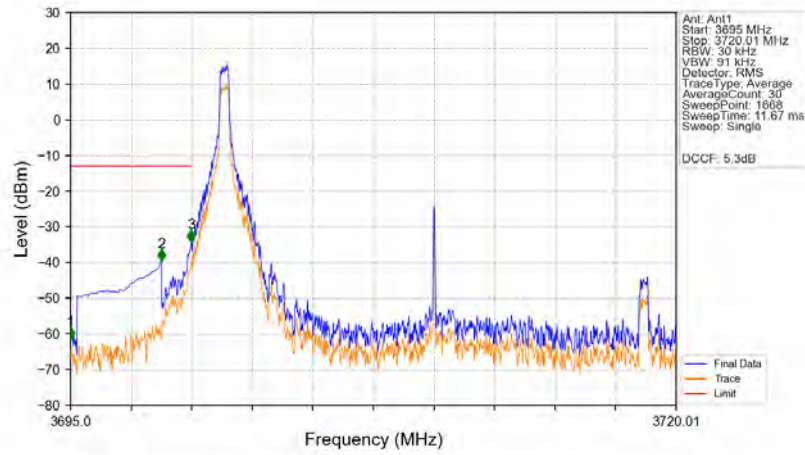
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3692.720	-45.67	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38824.827	-35.10	-13	Pass

n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3710.01MHz Outer Full Ant1

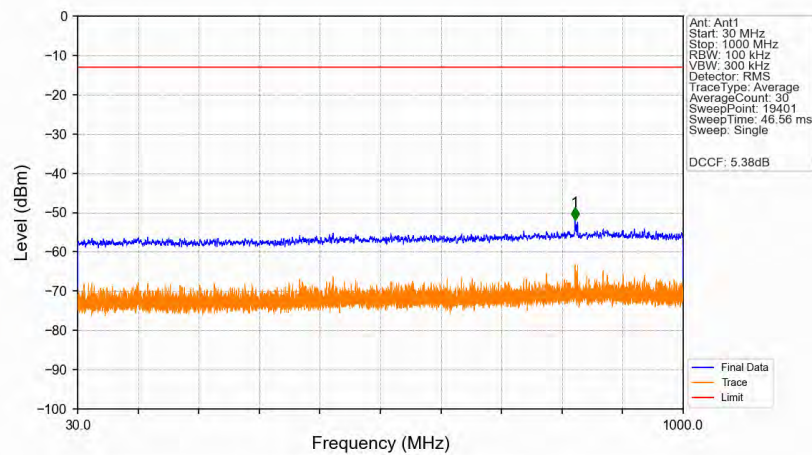


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-35.06	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.801	-27.11	-13	Pass
3699.01	3700.01	0.2	/	3	3699.452	-28.37	-13	Pass
3700.01	3720.01	0.2	/	/	/	/	/	/

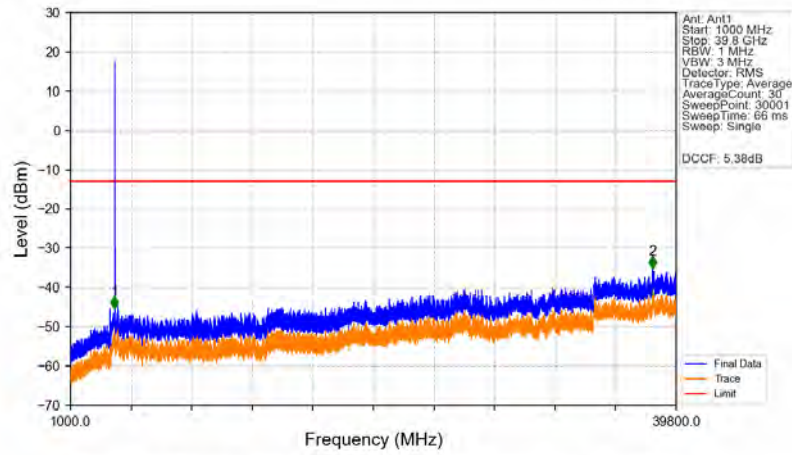
n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3710.01MHz Inner 1RB Left Ant1



n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1

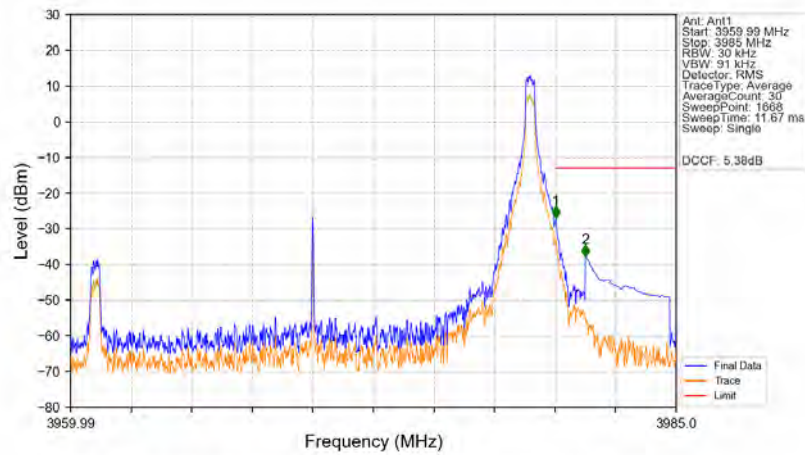


n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



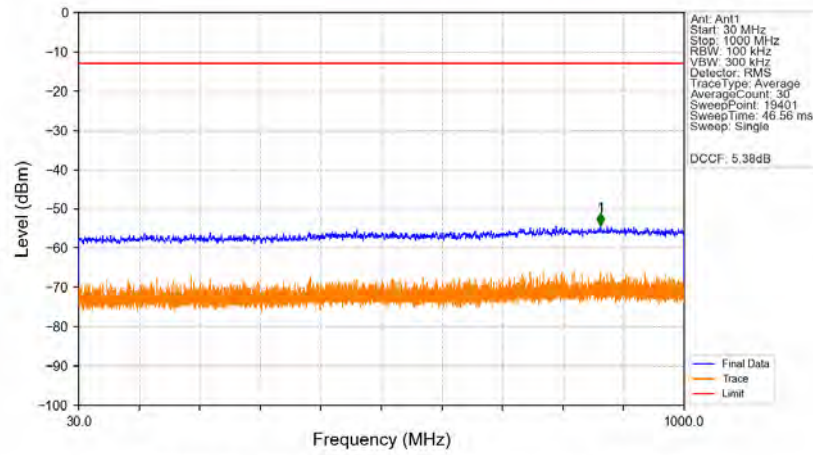
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3825	1	/	1	3819.467	-45.27	-13	Pass
3825	3855	1	/	/	/	/	/	/
3855	39800	1	/	2	38293.267	-35.07	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant1

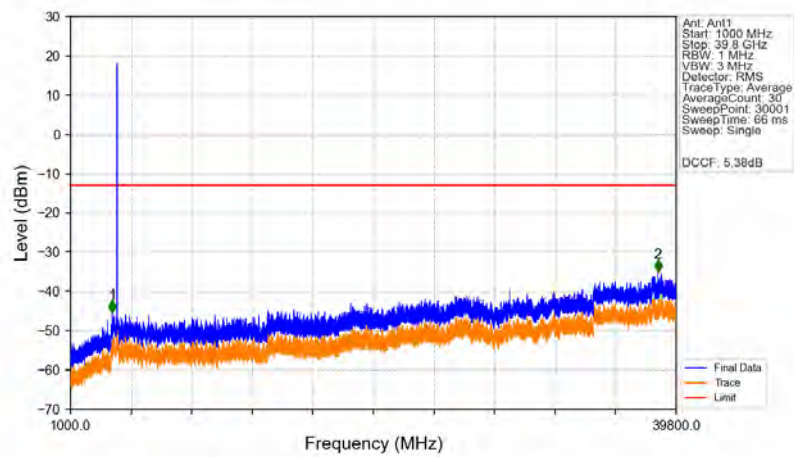


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	1	3980.019	-27.14	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-37.80	-13	Pass

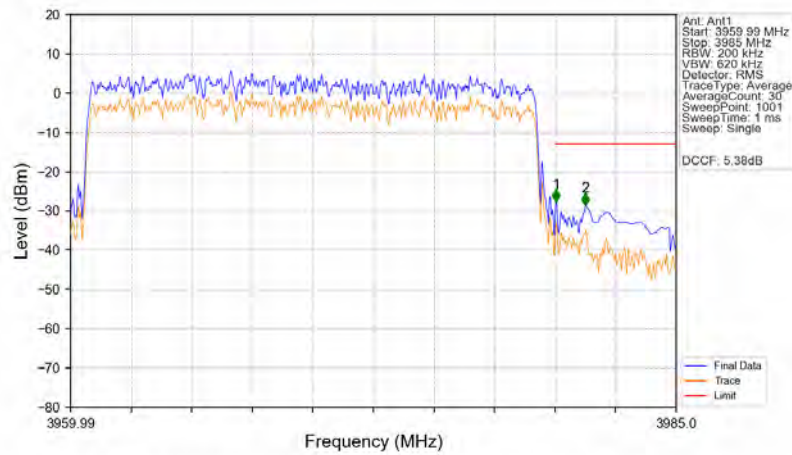
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant1



n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant1

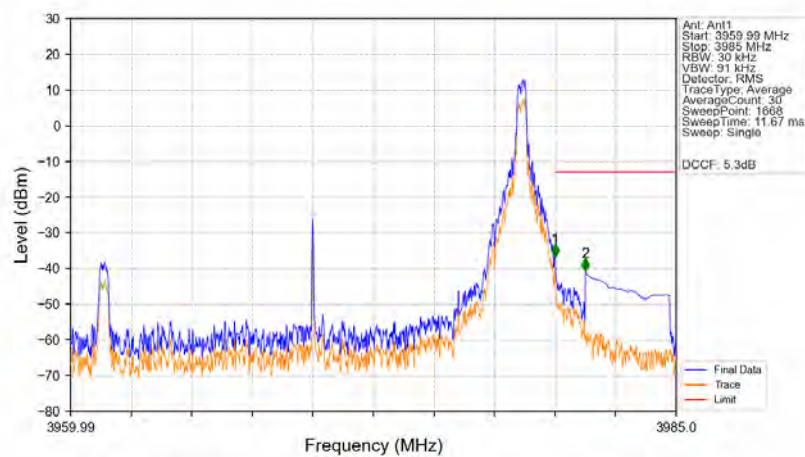


n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3969.99MHz Outer Full Ant1



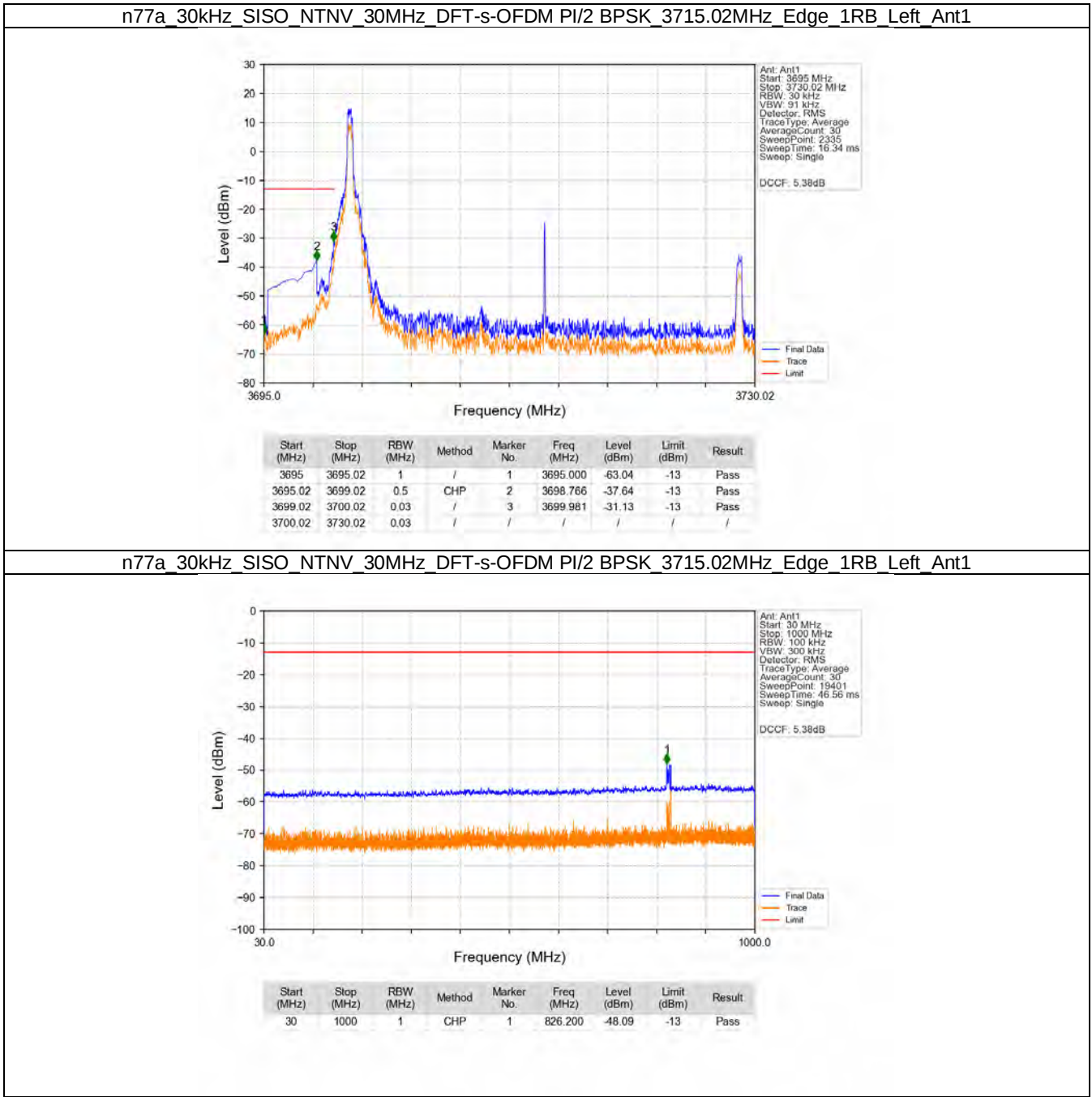
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.2	/	/	/	/	/	/
3979.99	3980.99	0.2	/	1	3980.048	-27.60	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-28.66	-13	Pass

n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3969.99MHz Inner 1RB Right Ant1

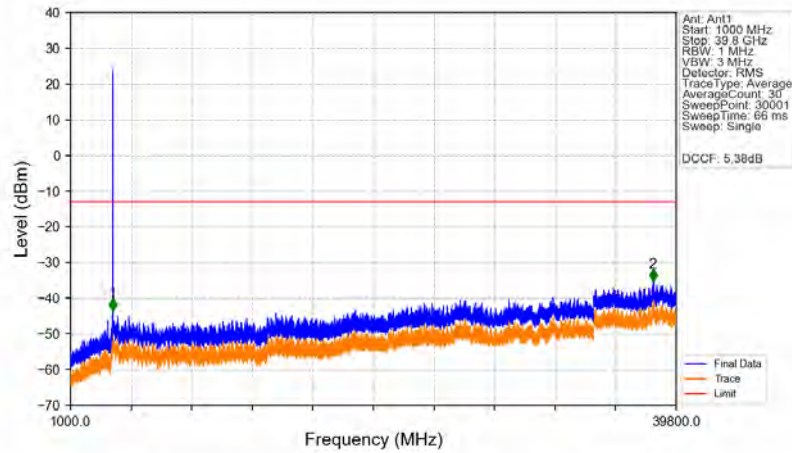


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	1	3980.004	-36.60	-13	Pass
3980.99	3984.99	0.5	CHP	2	3981.249	-40.75	-13	Pass

5.2.2 30k_SISO_30MHz_NTNV

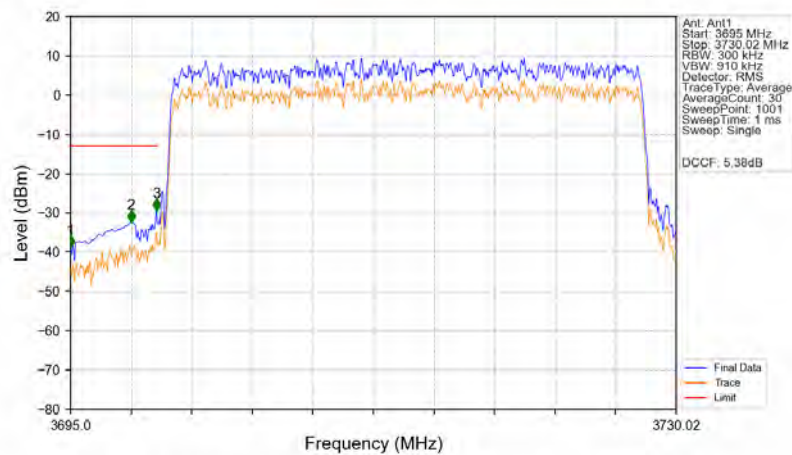


n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3715.02MHz_Edge_1RB_Left_Ant1



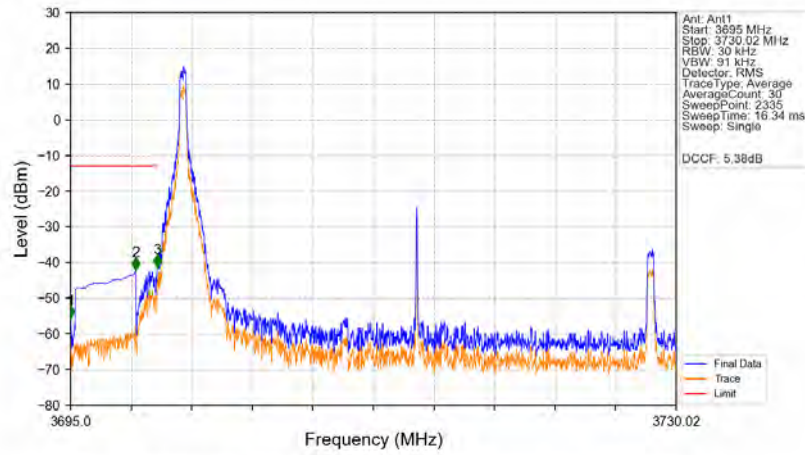
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3691.427	-43.43	-13	Pass
3695.02	3735.02	1	/	/	/	/	/	/
3735.02	39800	1	/	2	38316.547	-35.29	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3715.02MHz_Outer_Full_Ant1



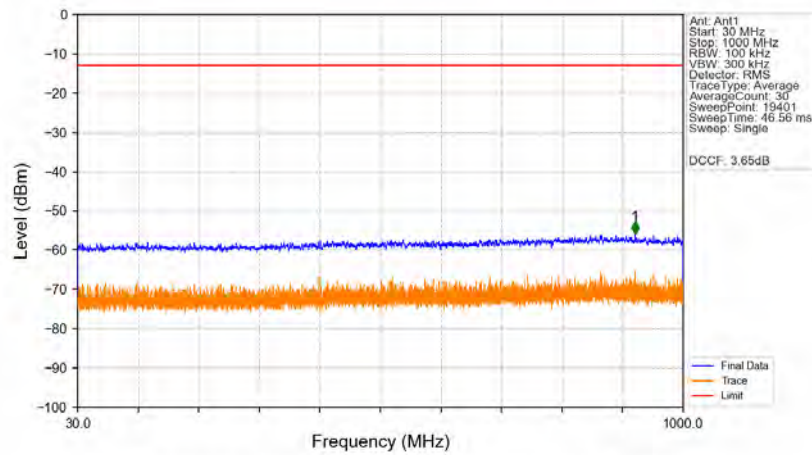
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-38.71	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.502	-32.44	-13	Pass
3699.02	3700.02	0.3	/	3	3699.973	-29.42	-13	Pass
3700.02	3730.02	0.3	/	/	/	/	/	/

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3715.02MHz_Inner_1RB_Left_Ant1



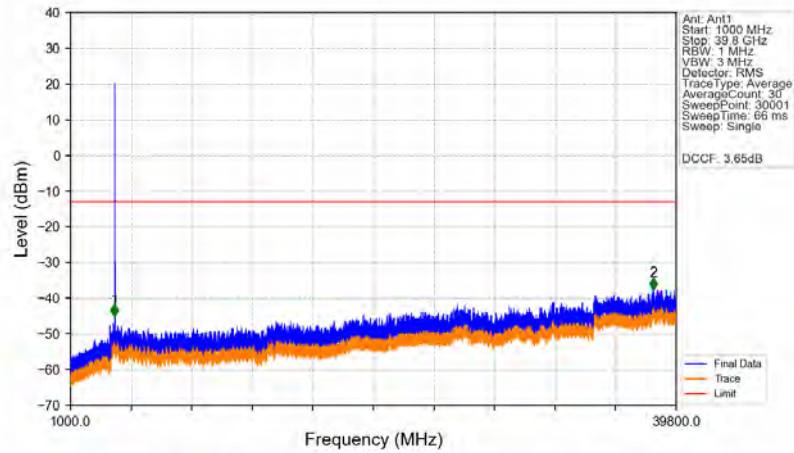
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.015	-55.57	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.766	-42.04	-13	Pass
3699.02	3700.02	0.03	/	3	3700.011	-41.21	-13	Pass
3700.02	3730.02	0.03	/	/	/	/	/	/

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant1



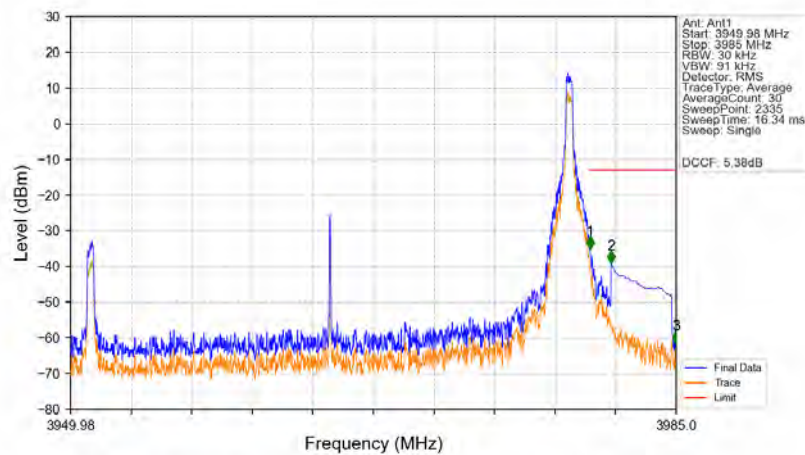
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	922.800	-55.88	-13	Pass

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



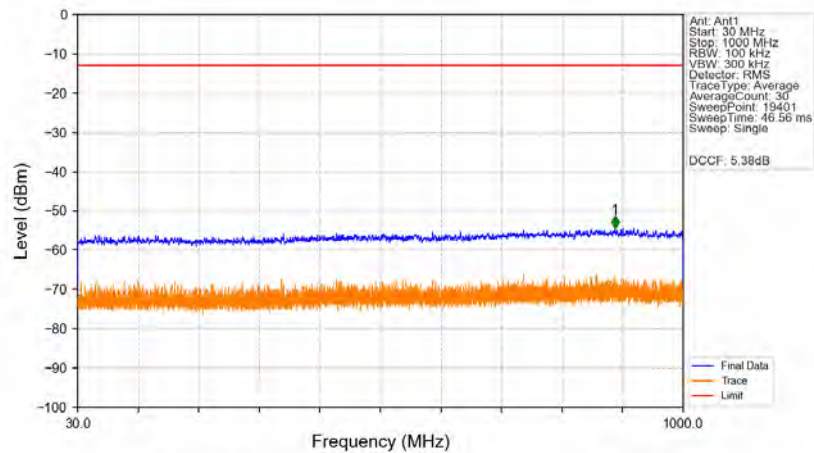
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3820	1	/	1	3819.467	-45.06	-13	Pass
3820	3860	1	/	/	/	/	/	/
3860	39800	1	/	2	38334.653	-37.77	-13	Pass

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3964.98MHz Edge 1RB Right Ant1



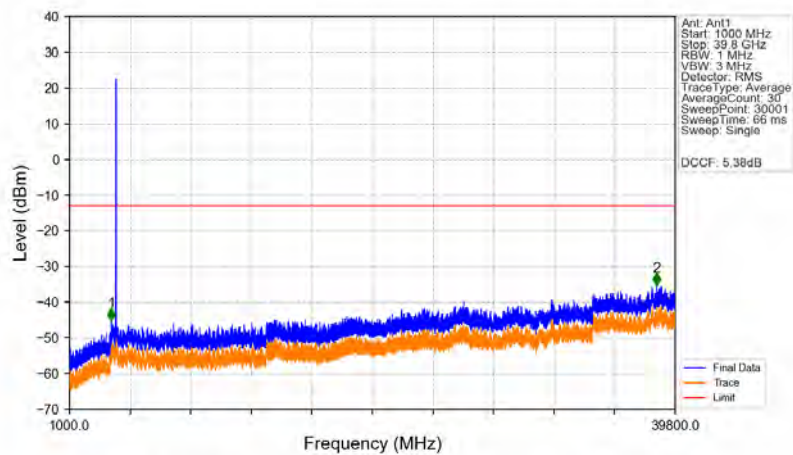
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	1	3980.019	-35.12	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.234	-39.00	-13	Pass
3984.98	3985	1	CHP	3	3985.000	-61.60	-13	Pass

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3964.98MHz Edge 1RB Right Ant1



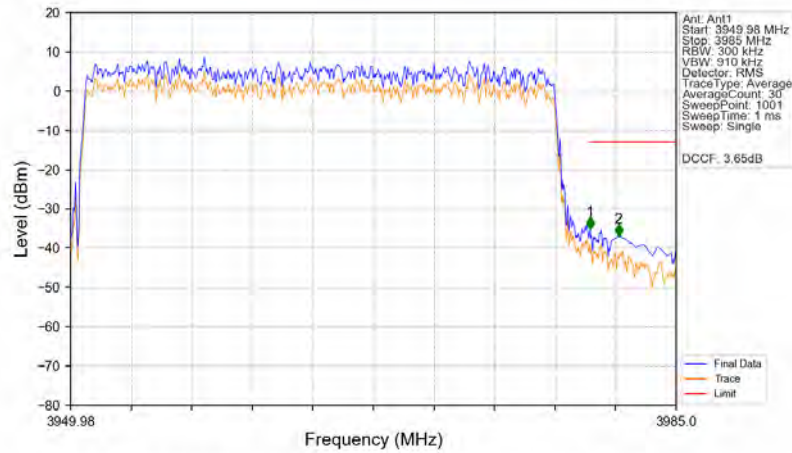
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.800	-54.32	-13	Pass

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3964.98MHz Edge 1RB Right Ant1



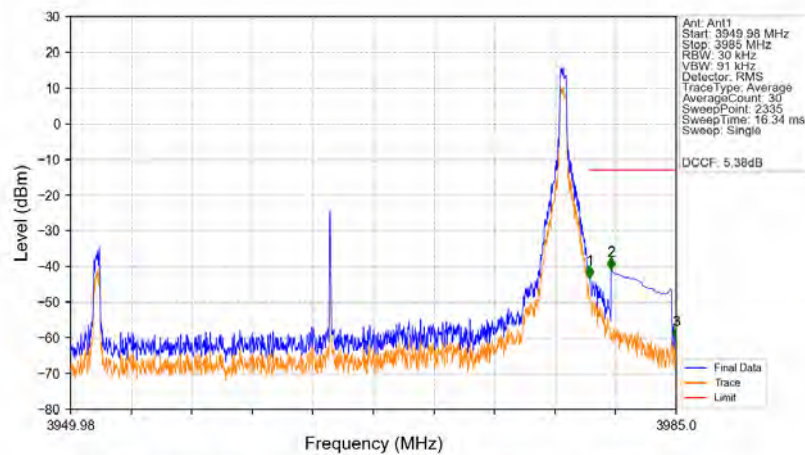
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3944.98	1	/	1	3670.733	-45.14	-13	Pass
3944.98	3984.98	1	/	/	/	/	/	/
3984.98	39800	1	/	2	38620.480	-35.33	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3964.98MHz_Outer_Full_Ant1



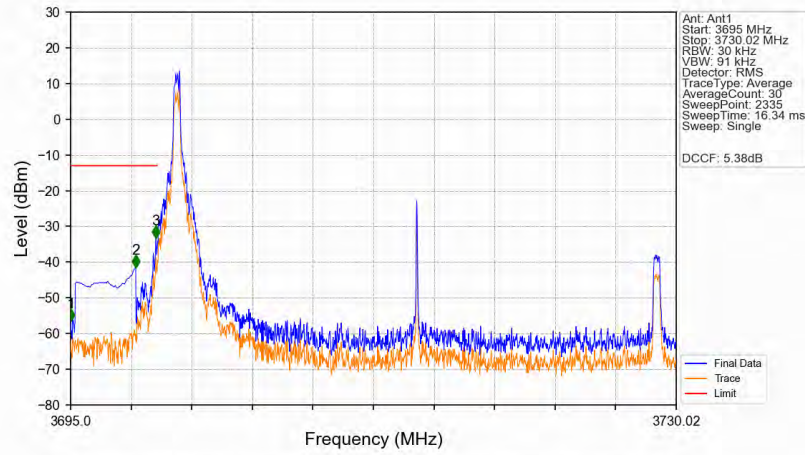
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.3	/	/	/	/	/	/
3979.98	3980.98	0.3	/	1	3980.027	-35.18	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.673	-36.89	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3964.98MHz_Inner_1RB_Right_Ant1



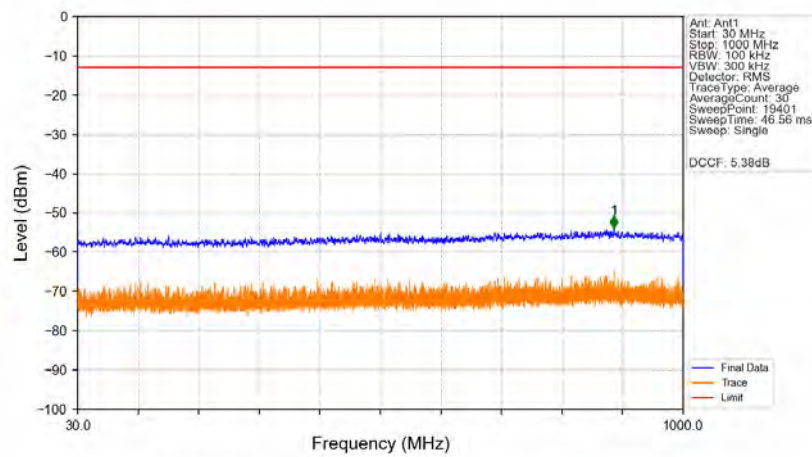
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	1	3980.004	-43.24	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.234	-40.89	-13	Pass
3984.98	3985	1	CHP	3	3984.985	-60.29	-13	Pass

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left Ant1



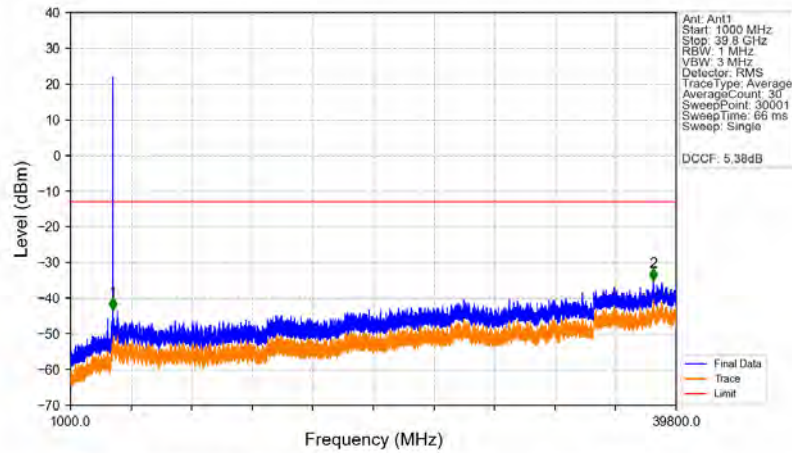
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.015	-56.44	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.766	-41.41	-13	Pass
3699.02	3700.02	0.03	/	3	3699.936	-33.29	-13	Pass
3700.02	3730.02	0.03	/	/	/	/	/	/

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left Ant1



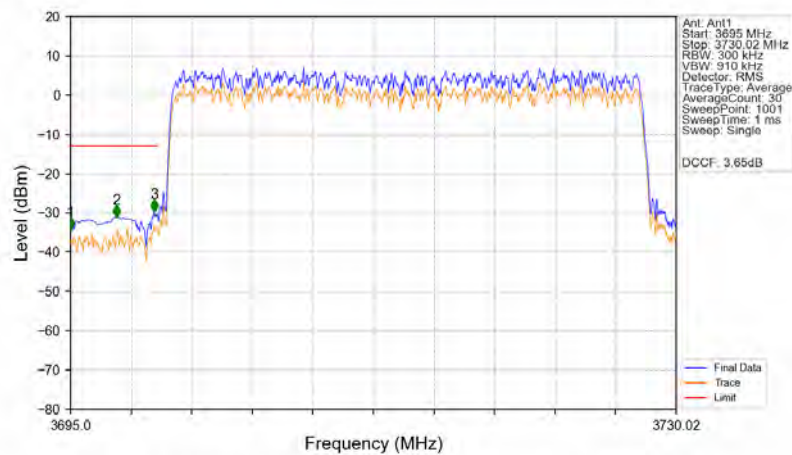
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.100	-53.79	-13	Pass

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Edge 1RB Left Ant1



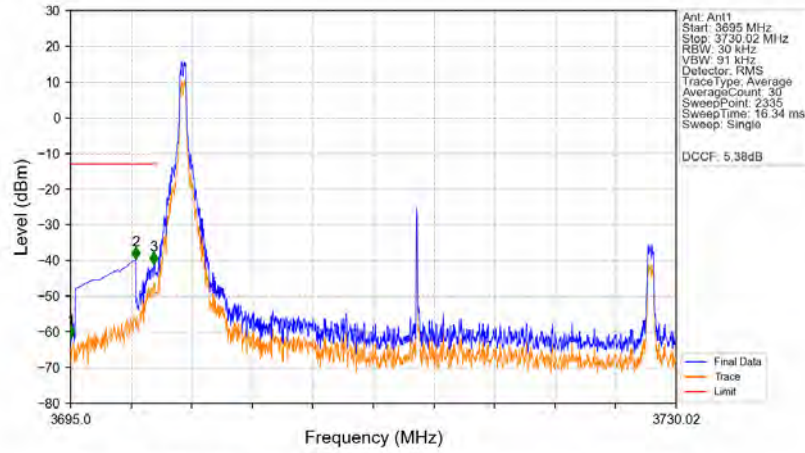
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3686.253	-43.30	-13	Pass
3695.02	3735.02	1	/	/	/	/	/	/
3735.02	39800	1	/	2	38341.120	-35.07	-13	Pass

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full Ant1



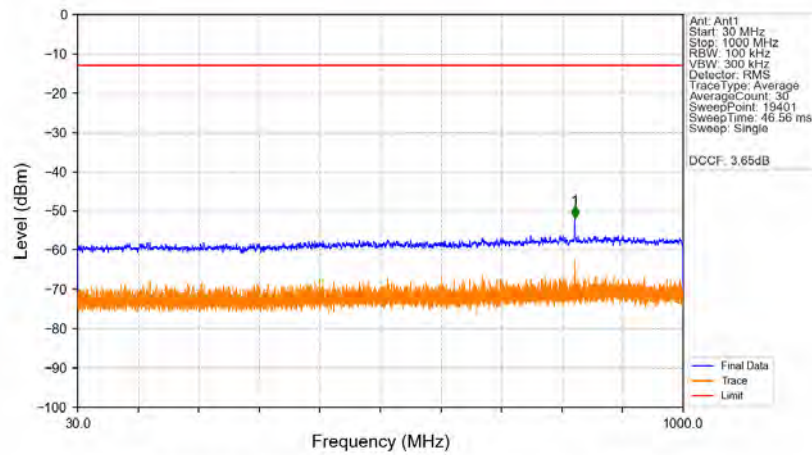
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-34.29	-13	Pass
3695.02	3699.02	0.5	CHP	2	3697.662	-31.12	-13	Pass
3699.02	3700.02	0.3	/	3	3699.833	-29.64	-13	Pass
3700.02	3730.02	0.3	/	/	/	/	/	/

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Inner 1RB Left Ant1



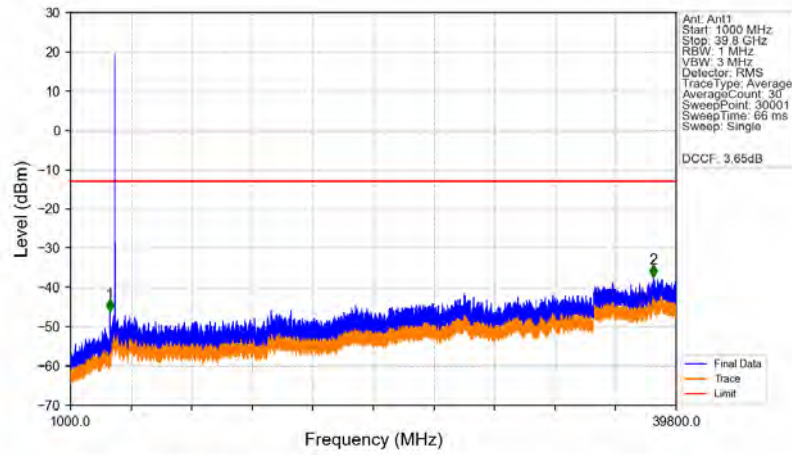
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.015	-61.74	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.766	-39.76	-13	Pass
3699.02	3700.02	0.03	/	3	3699.816	-40.99	-13	Pass
3700.02	3730.02	0.03	/	/	/	/	/	/

n77a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant1



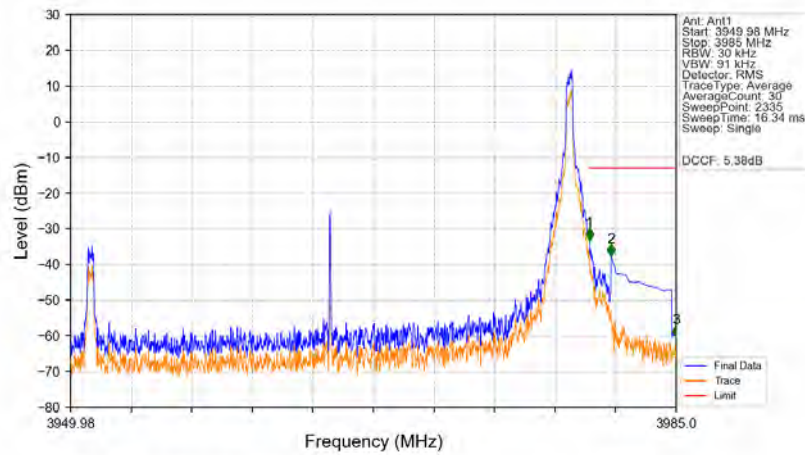
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	826.450	-51.78	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



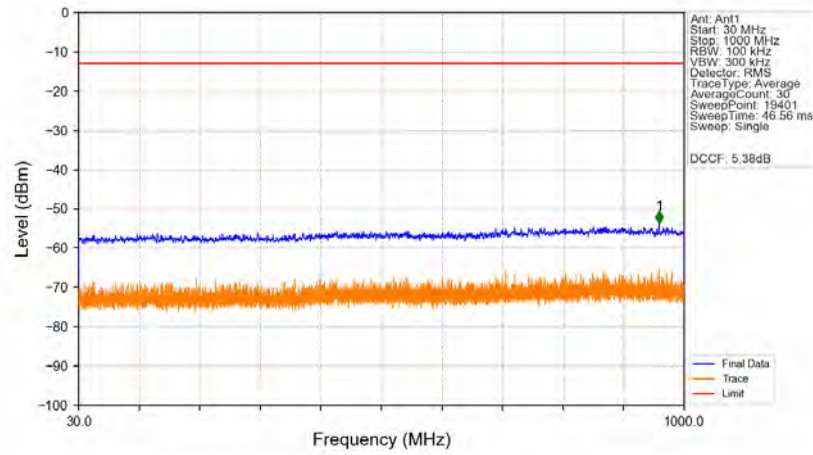
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3820	1	/	1	3518.120	-46.09	-13	Pass
3820	3860	1	/	/	/	/	/	/
3860	39800	1	/	2	38343.707	-37.31	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Edge_1RB_Right_Ant1

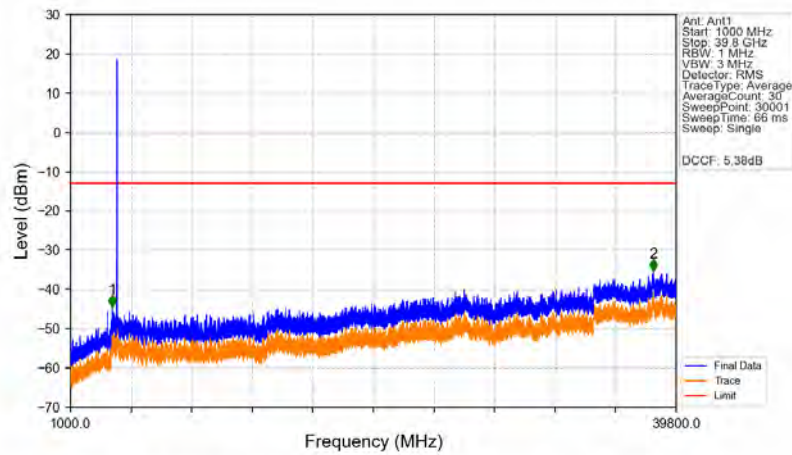


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	1	3979.989	-33.17	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.234	-37.64	-13	Pass
3984.98	3985	1	CHP	3	3984.985	-60.40	-13	Pass

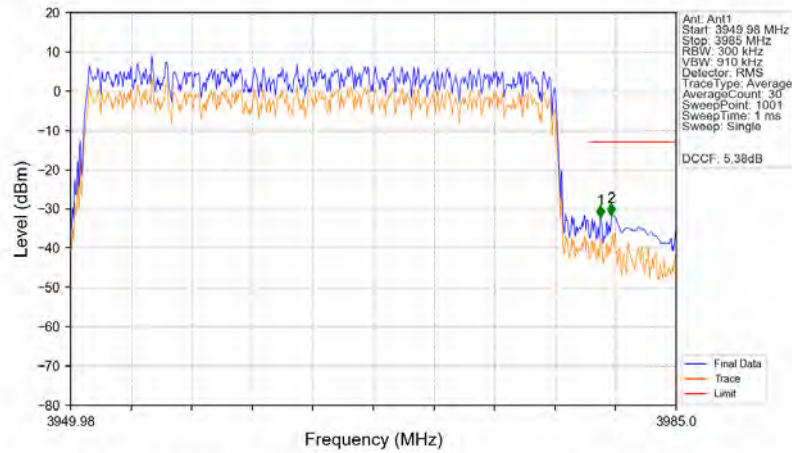
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Edge_1RB_Right_Ant1



n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Edge_1RB_Right_Ant1

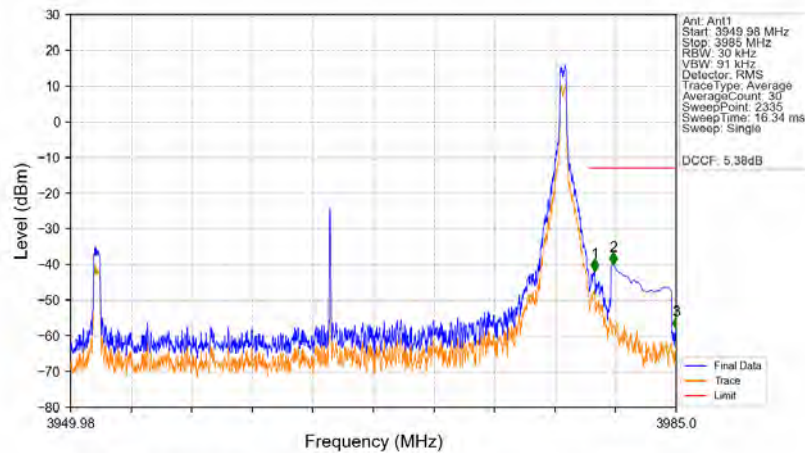


n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Outer_Full_Ant1



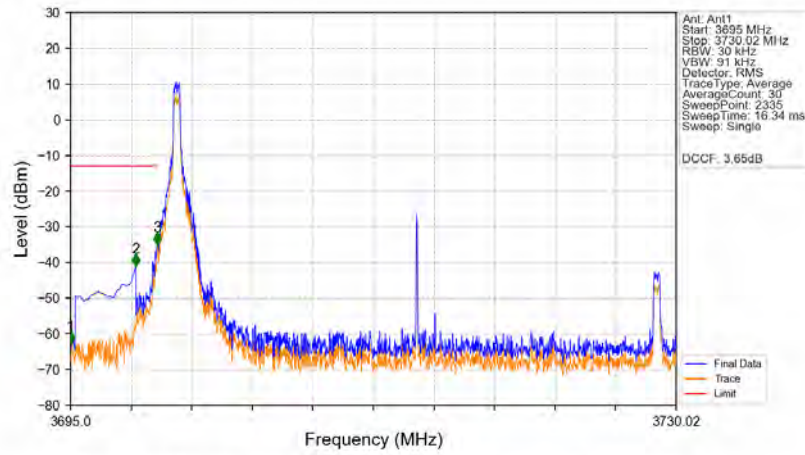
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.3	/	/	/	/	/	/
3979.98	3980.98	0.3	/	1	3980.622	-32.17	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.253	-31.76	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Inner_1RB_Right_Ant1



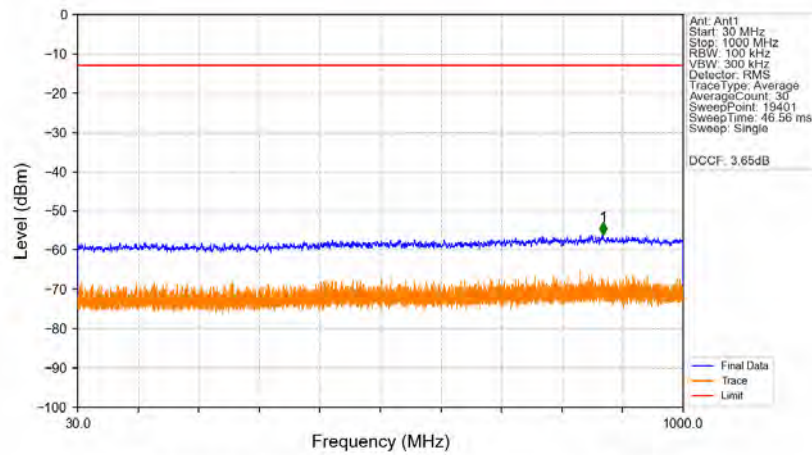
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	1	3980.289	-41.78	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.354	-40.16	-13	Pass
3984.98	3985	1	CHP	3	3985.000	-58.03	-13	Pass

n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3715.02MHz Edge 1RB Left Ant1



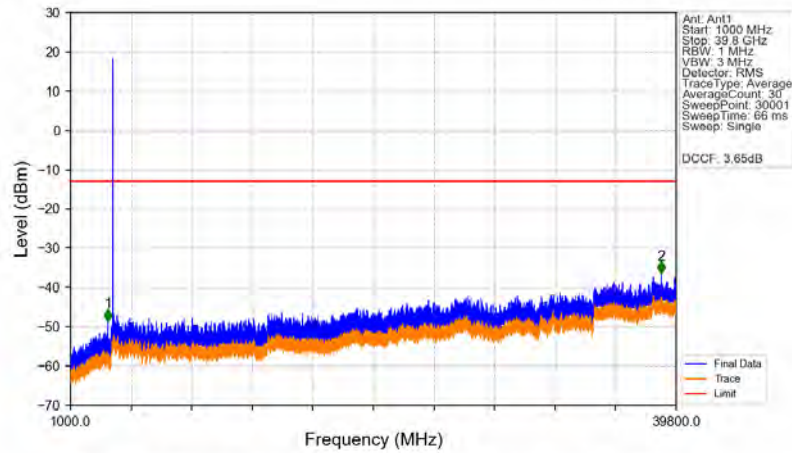
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-62.64	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.766	-41.11	-13	Pass
3699.02	3700.02	0.03	/	3	3700.011	-35.03	-13	Pass
3700.02	3730.02	0.03	/	/	/	/	/	/

n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3715.02MHz Edge 1RB Left Ant1



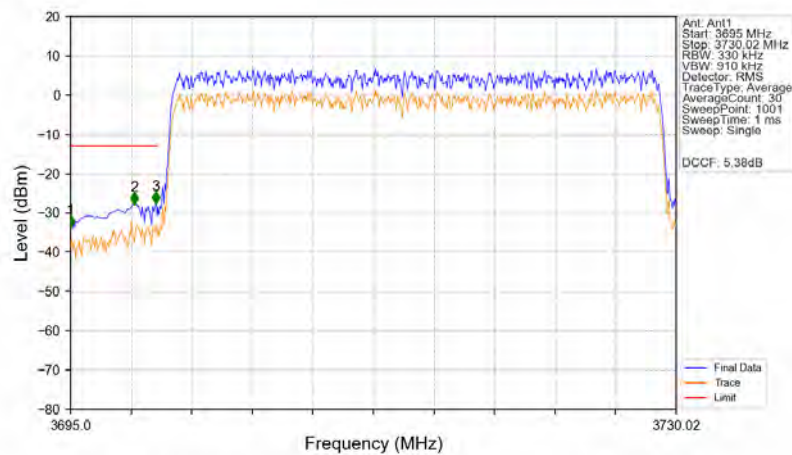
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	871.800	-56.04	-13	Pass

n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3715.02MHz Edge 1RB Left Ant1



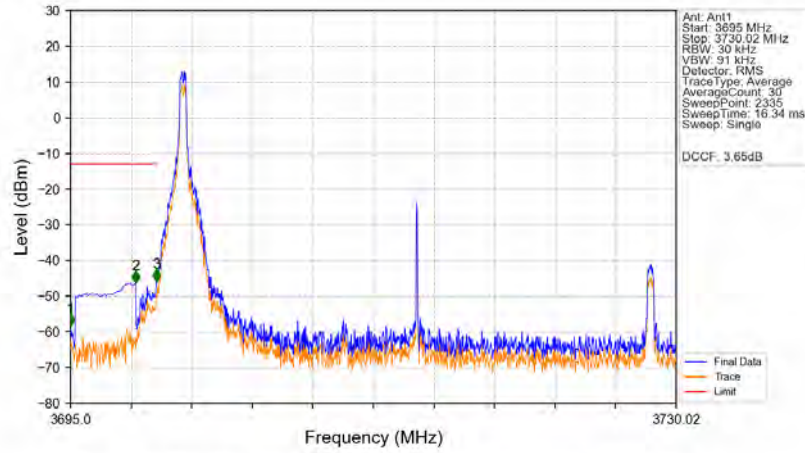
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3393.960	-48.54	-13	Pass
3695.02	3735.02	1	/	/	/	/	/	/
3735.02	39800	1	/	2	38849.400	-36.44	-13	Pass

n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3715.02MHz Outer Full Ant1



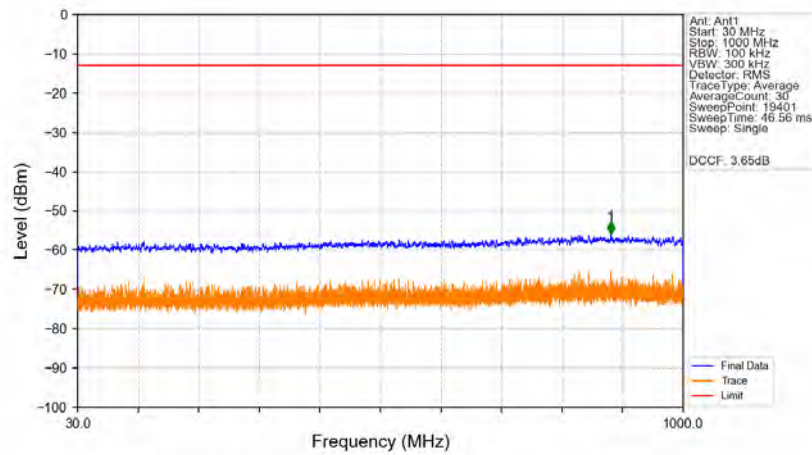
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-33.64	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.677	-27.83	-13	Pass
3699.02	3700.02	0.33	/	3	3699.938	-27.66	-13	Pass
3700.02	3730.02	0.33	/	/	/	/	/	/

n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3715.02MHz Inner 1RB Left Ant1



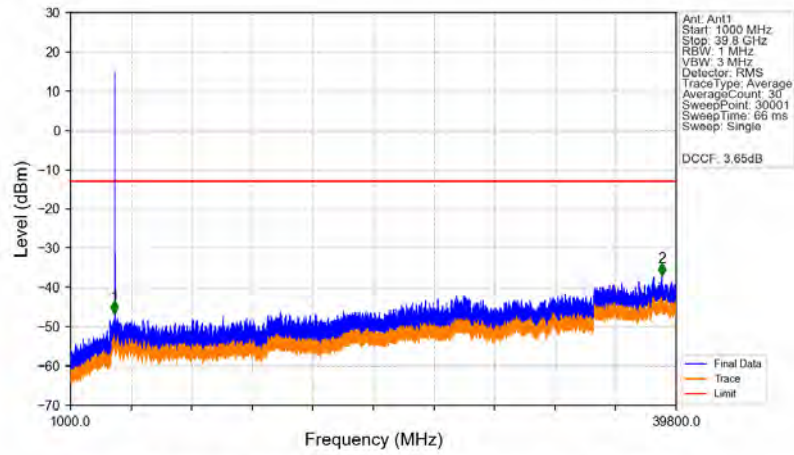
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-58.25	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.766	-46.21	-13	Pass
3699.02	3700.02	0.03	/	3	3699.966	-45.87	-13	Pass
3700.02	3730.02	0.03	/	/	/	/	/	/

n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1



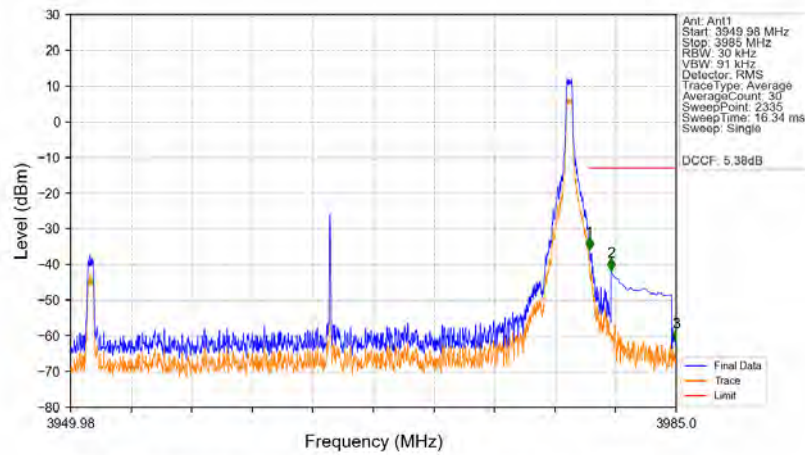
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	884.000	-55.91	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



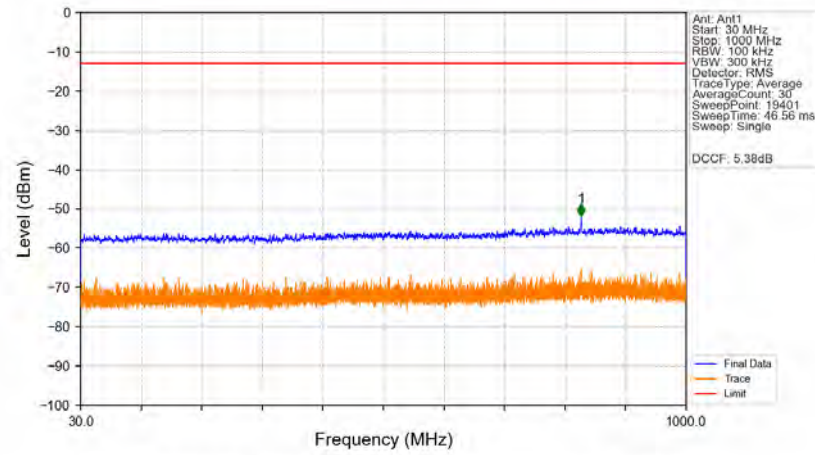
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3820	1	/	1	3819.467	-46.61	-13	Pass
3820	3860	1	/	/	/	/	/	/
3860	39800	1	/	2	38893.373	-37.05	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3964.98MHz_Edge_1RB_Right_Ant1

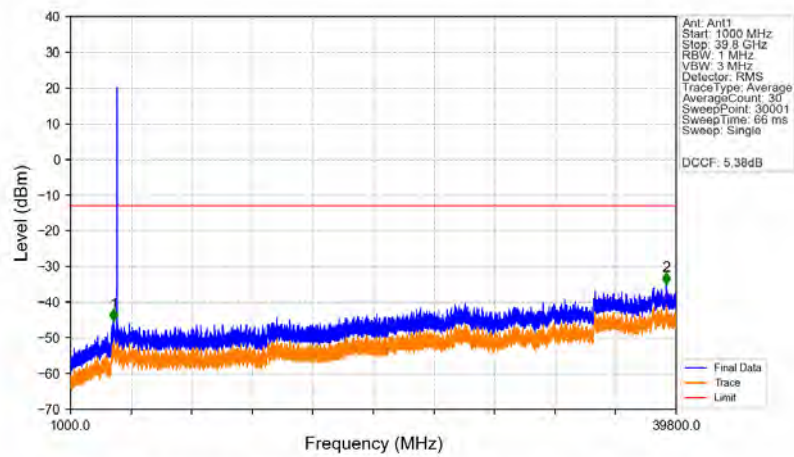


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	1	3979.989	-35.94	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.234	-41.59	-13	Pass
3984.98	3985	1	CHP	3	3984.985	-61.51	-13	Pass

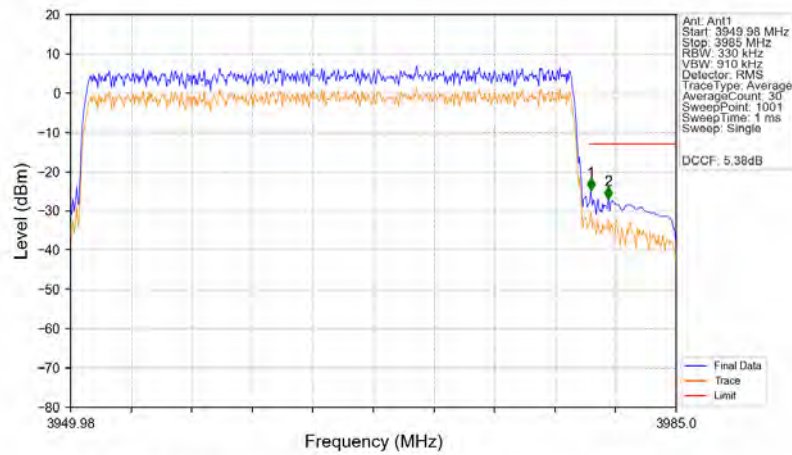
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3964.98MHz_Edge_1RB_Right_Ant1



n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3964.98MHz_Edge_1RB_Right_Ant1

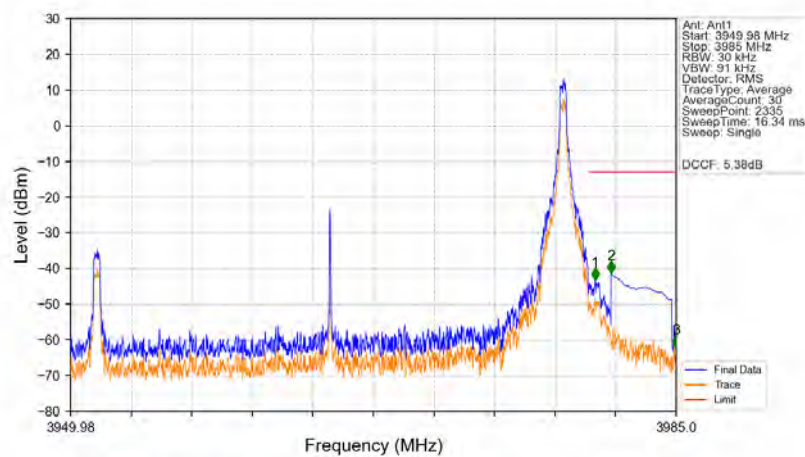


n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3964.98MHz Outer Full Ant1



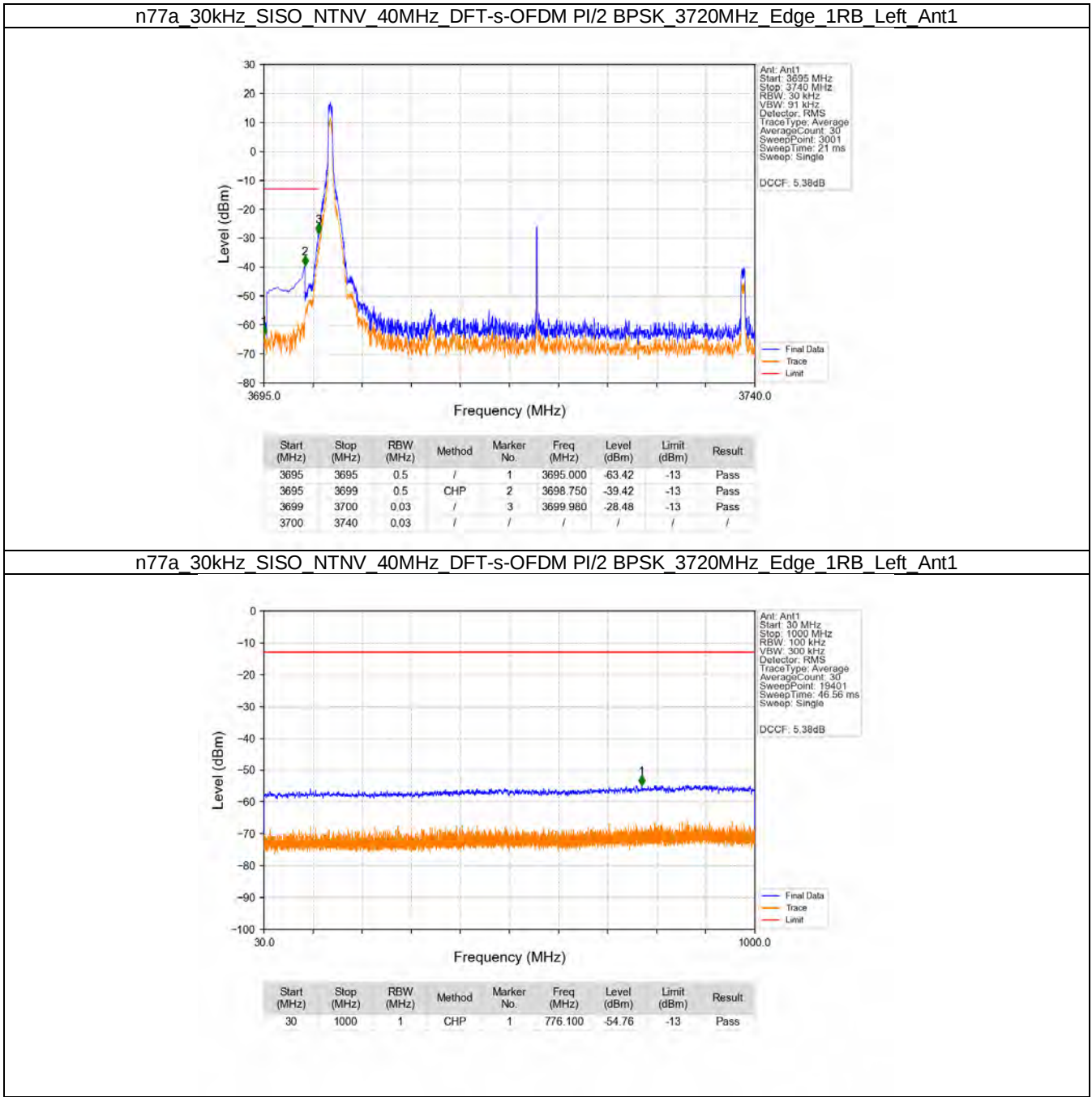
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.33	/	/	/	/	/	/
3979.98	3980.98	0.33	/	1	3980.062	-24.69	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.078	-26.94	-13	Pass

n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3964.98MHz Inner 1RB Right Ant1

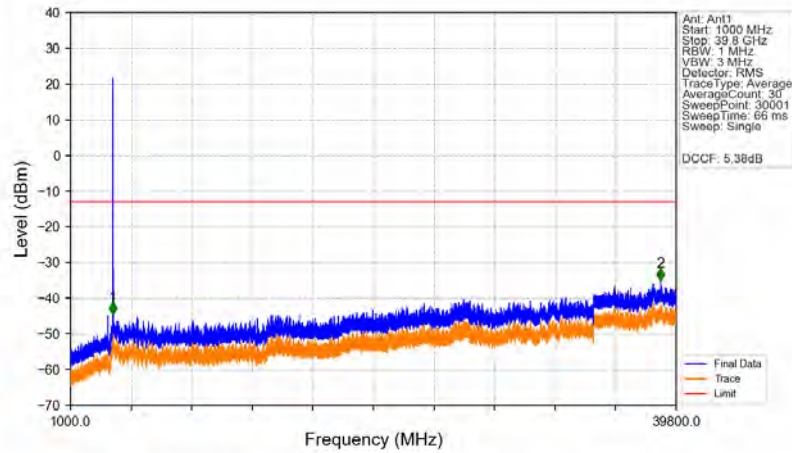


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	1	3980.319	-43.19	-13	Pass
3980.98	3984.98	0.5	CHP	2	3981.234	-41.27	-13	Pass
3984.98	3985	1	CHP	3	3985.000	-62.13	-13	Pass

5.2.3 30k_SISO_40MHz_NTNV

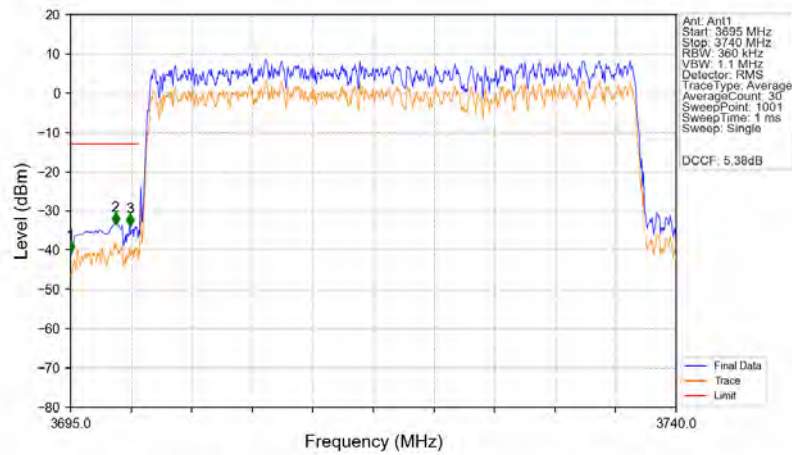


n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3720MHz_Edge_1RB_Left_Ant1



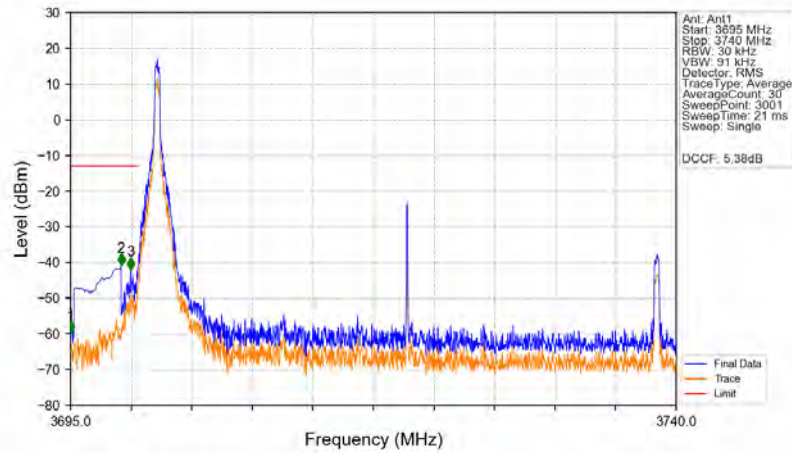
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3691.427	-44.56	-13	Pass
3695	3745	1	/	/	/	/	/	/
3745	39800	1	/	2	38808.013	-35.08	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3720MHz_Outer_Full_Ant1



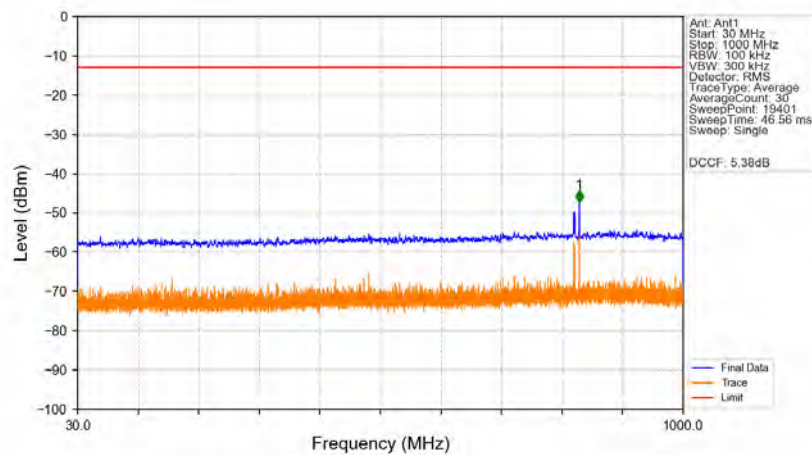
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-40.65	-13	Pass
3695	3699	0.5	CHP	2	3698.330	-33.46	-13	Pass
3699	3700	0.36	/	3	3699.410	-33.85	-13	Pass
3700	3740	0.36	/	/	/	/	/	/

n77a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3720MHz Inner 1RB Left Ant1



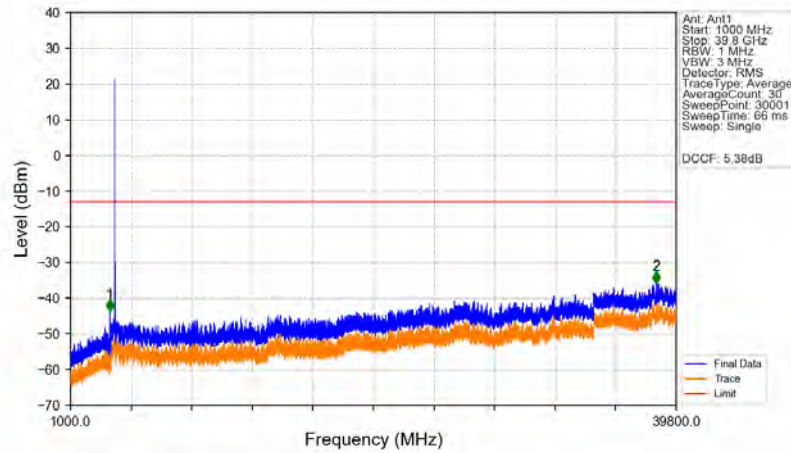
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-59.65	-13	Pass
3695	3699	0.5	CHP	2	3698.750	-40.95	-13	Pass
3699	3700	0.03	/	3	3699.455	-41.97	-13	Pass
3700	3740	0.03	/	/	/	/	/	/

n77a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



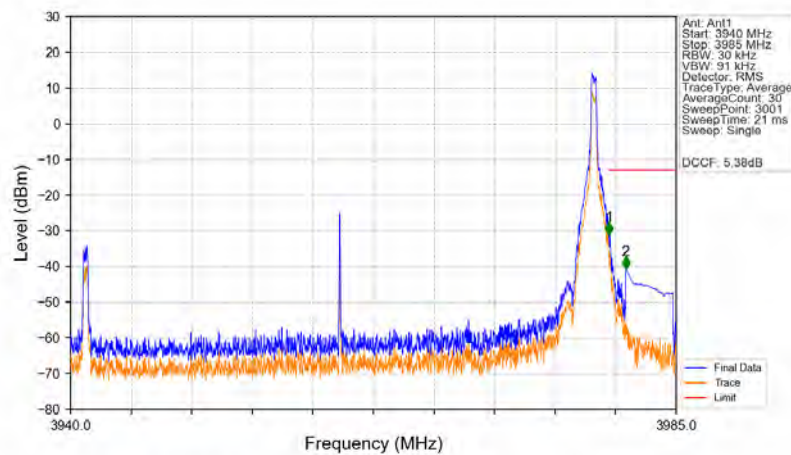
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	833.800	-47.29	-13	Pass

n77a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



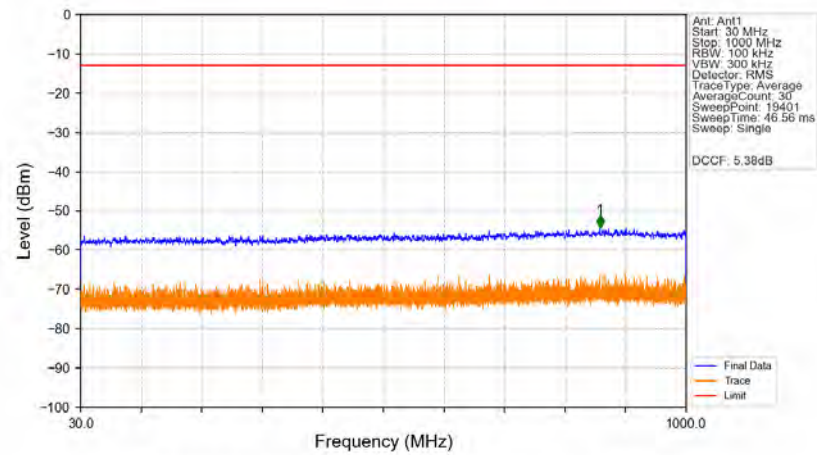
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3815	1	/	1	3512.947	-43.78	-13	Pass
3815	3865	1	/	/	/	/	/	/
3865	39800	1	/	2	38529.947	-35.88	-13	Pass

n77a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3960MHz Edge 1RB Right Ant1



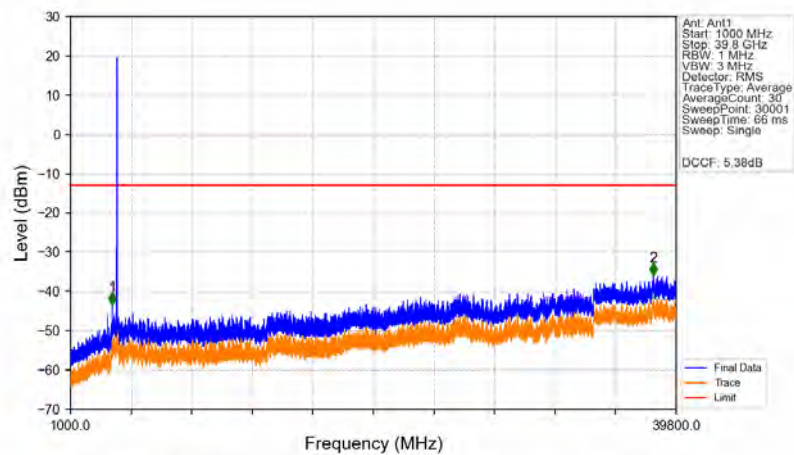
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	1	3980.005	-30.96	-13	Pass
3981	3985	0.5	CHP	2	3981.250	-40.60	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3960MHz_Edge_1RB_Right_Ant1



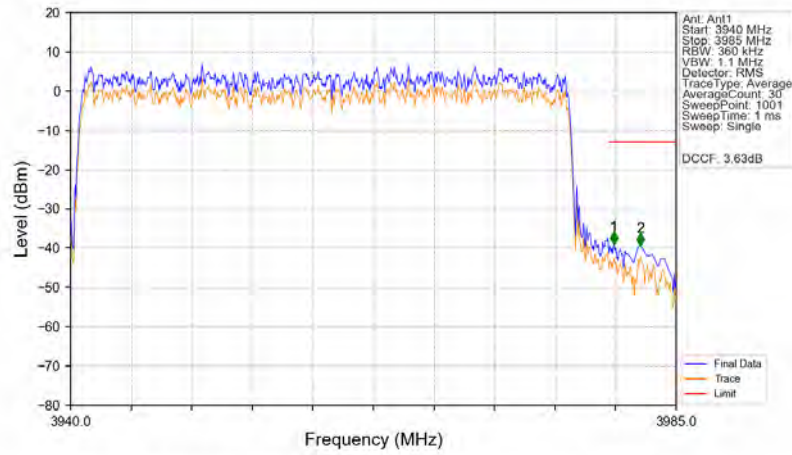
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	862.000	-54.17	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3960MHz_Edge_1RB_Right_Ant1



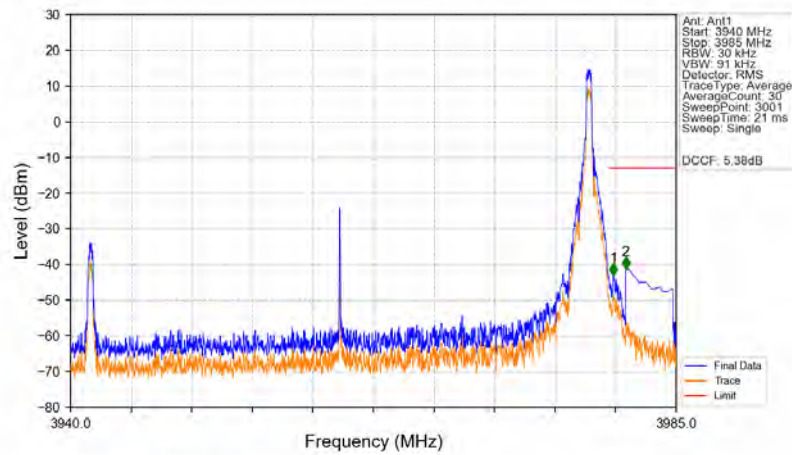
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3935	1	/	1	3670.733	-43.42	-13	Pass
3935	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38347.587	-35.85	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3960MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.36	/	/	/	/	/	/
3980	3981	0.36	/	1	3980.365	-38.94	-13	Pass
3981	3985	0.5	CHP	2	3982.345	-39.34	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3960MHz_Inner_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	1	3980.335	-43.07	-13	Pass
3981	3985	0.5	CHP	2	3981.250	-41.31	-13	Pass