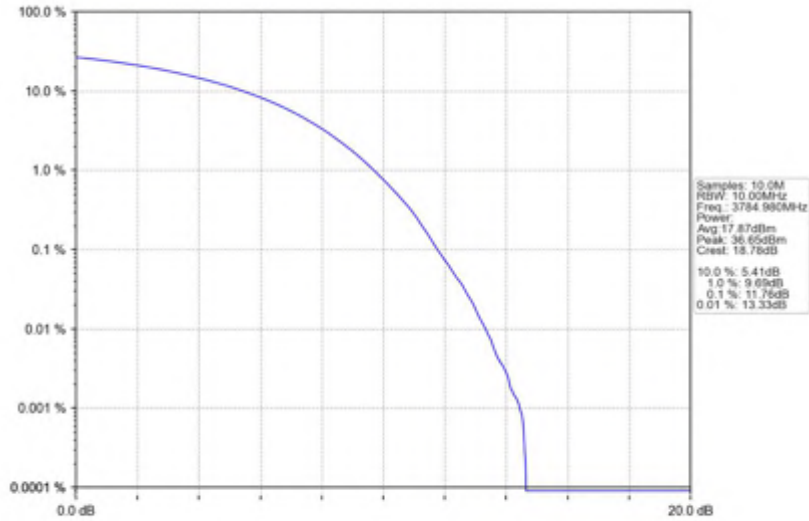
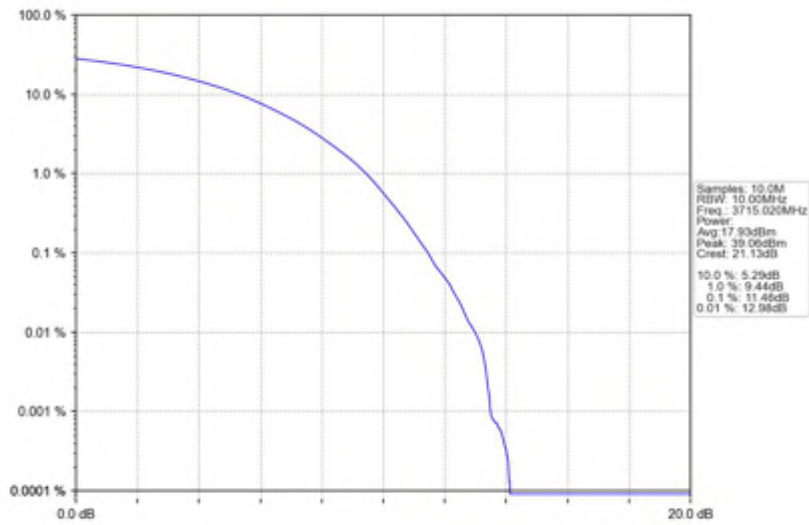


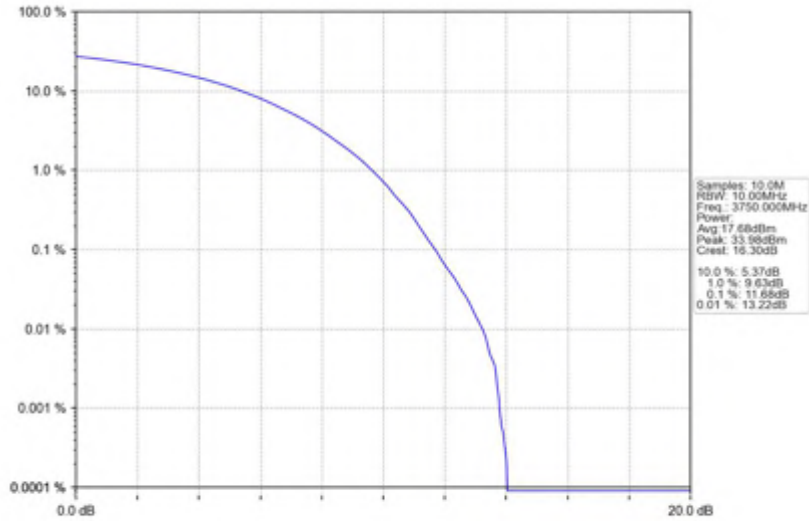
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_3784.98MHz_Outer_Full



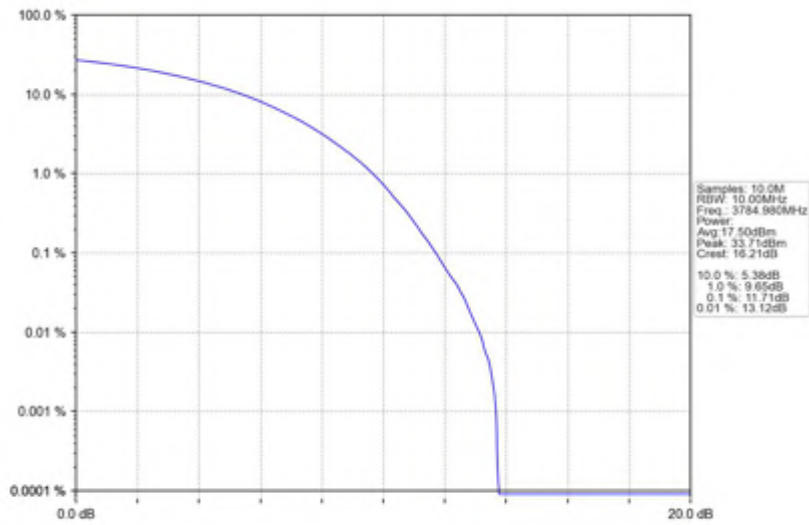
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3715.02MHz_Outer_Full



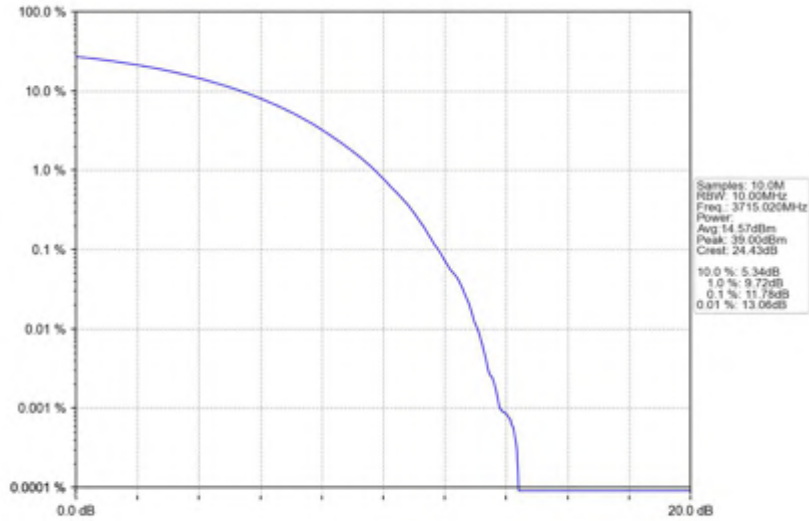
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



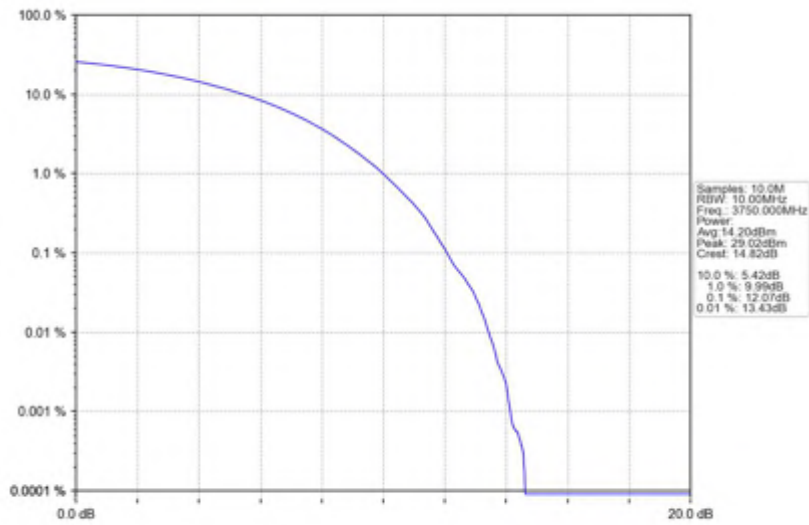
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3784.98MHz_Outer_Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3715.02MHz_Outer_Full

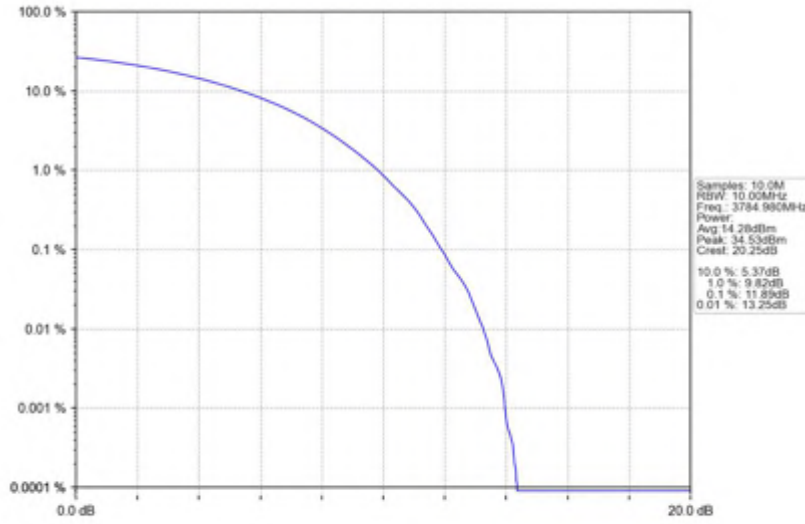


n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full





n78(3700-3800MHz) 30kHz SISO NTV 30MHz CP-OFDM 256 QAM 3784.98MHz Outer Full



4.3 30k_SISO_40MHz_NTNV

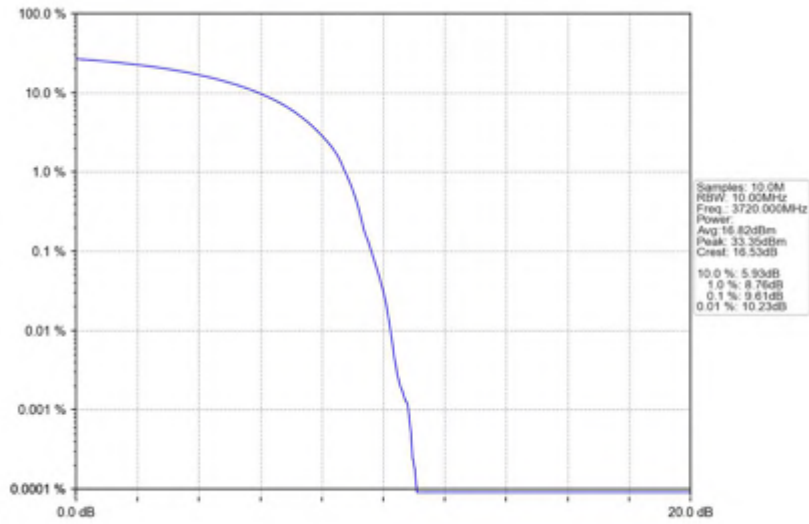
4.3.1 Test Result

5G NR n78(3700-3800MHz) 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	9.61	/	/	<=13	Pass
	3750	Outer Full	9.60	/	/	<=13	Pass
	3780	Outer Full	9.48	/	/	<=13	Pass
DFT-s-OFDM QPSK	3720	Outer Full	10.48	/	/	<=13	Pass
	3750	Outer Full	10.60	/	/	<=13	Pass
	3780	Outer Full	10.55	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3720	Outer Full	10.84	/	/	<=13	Pass
	3750	Outer Full	10.81	/	/	<=13	Pass
	3780	Outer Full	11.11	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3720	Outer Full	11.09	/	/	<=13	Pass
	3750	Outer Full	11.19	/	/	<=13	Pass
	3780	Outer Full	11.06	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3720	Outer Full	11.04	/	/	<=13	Pass
	3750	Outer Full	10.88	/	/	<=13	Pass
	3780	Outer Full	11.03	/	/	<=13	Pass
CP-OFDM QPSK	3720	Outer Full	11.69	/	/	<=13	Pass
	3750	Outer Full	11.70	/	/	<=13	Pass
	3780	Outer Full	11.63	/	/	<=13	Pass
CP-OFDM 16 QAM	3720	Outer Full	11.71	/	/	<=13	Pass
	3750	Outer Full	11.64	/	/	<=13	Pass
	3780	Outer Full	11.66	/	/	<=13	Pass
CP-OFDM 64 QAM	3720	Outer Full	11.96	/	/	<=13	Pass
	3750	Outer Full	11.88	/	/	<=13	Pass
	3780	Outer Full	11.82	/	/	<=13	Pass
CP-OFDM 256 QAM	3720	Outer Full	11.51	/	/	<=13	Pass
	3750	Outer Full	11.51	/	/	<=13	Pass
	3780	Outer Full	11.54	/	/	<=13	Pass

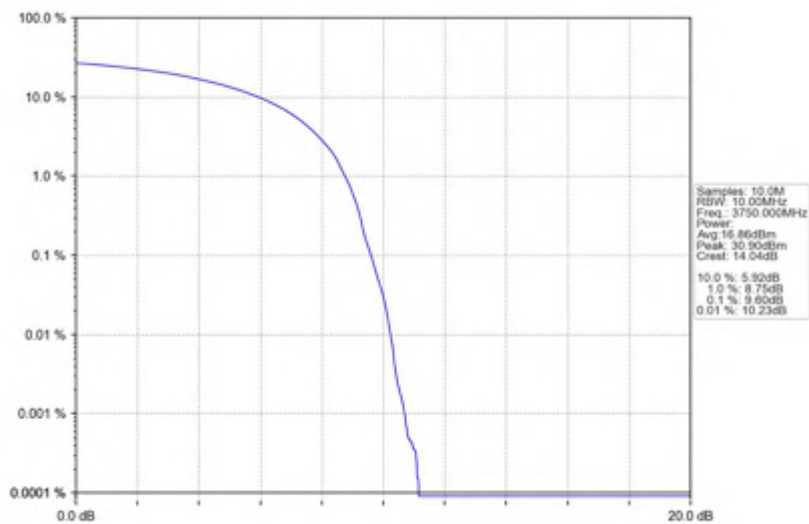


4.3.2 Test Graph

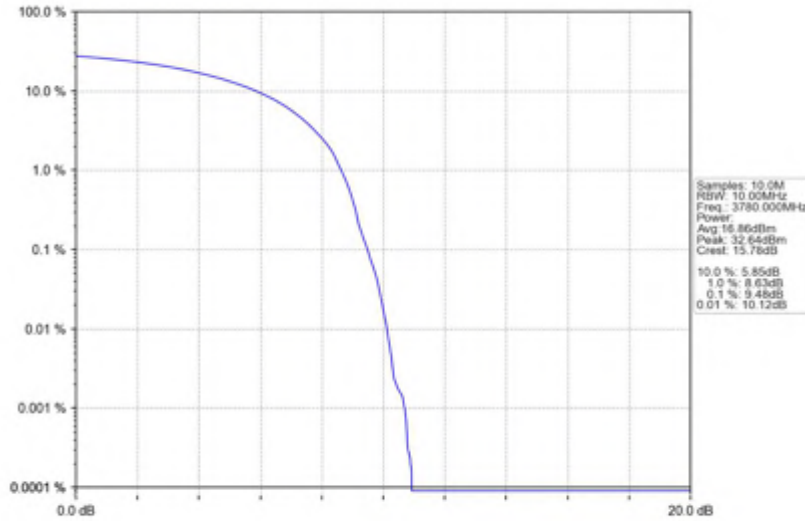
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3720MHz_Outer_Full



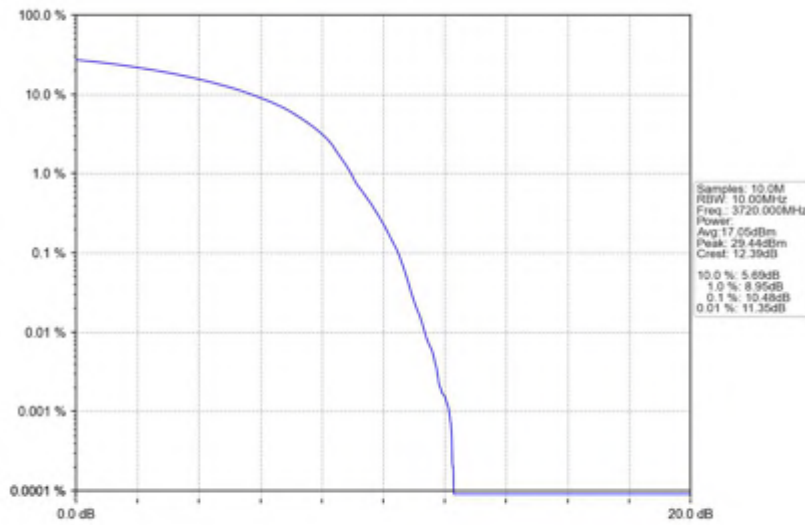
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3750MHz_Outer_Full



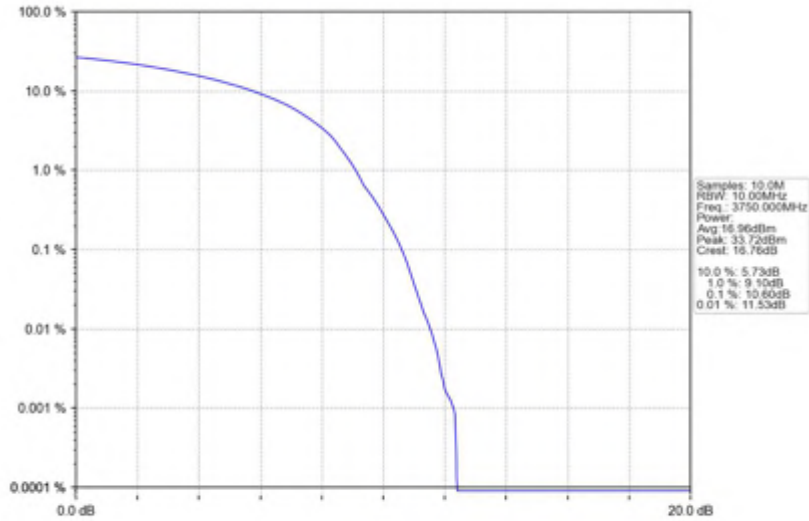
n78(3700-3800MHz) 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Outer Full



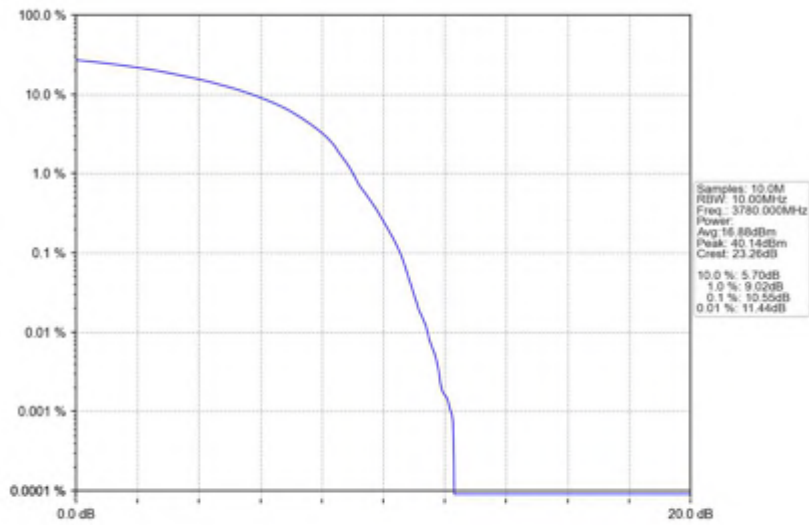
n78(3700-3800MHz) 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3720MHz Outer Full



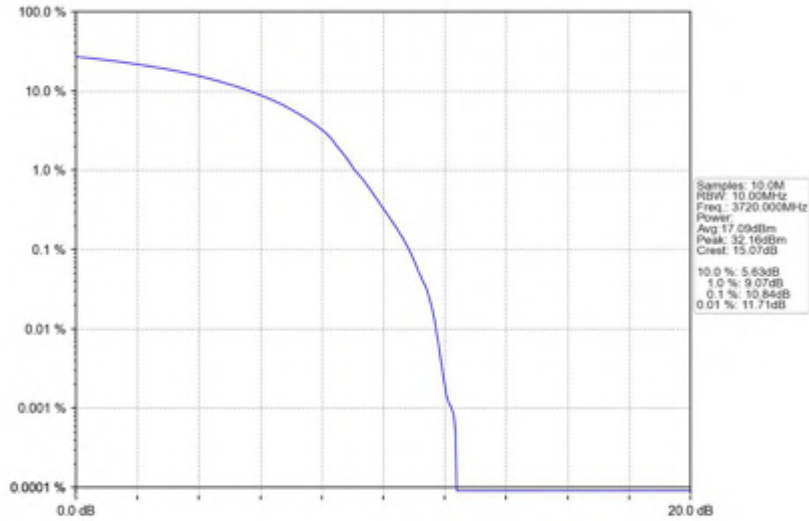
n78(3700-3800MHz) 30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full



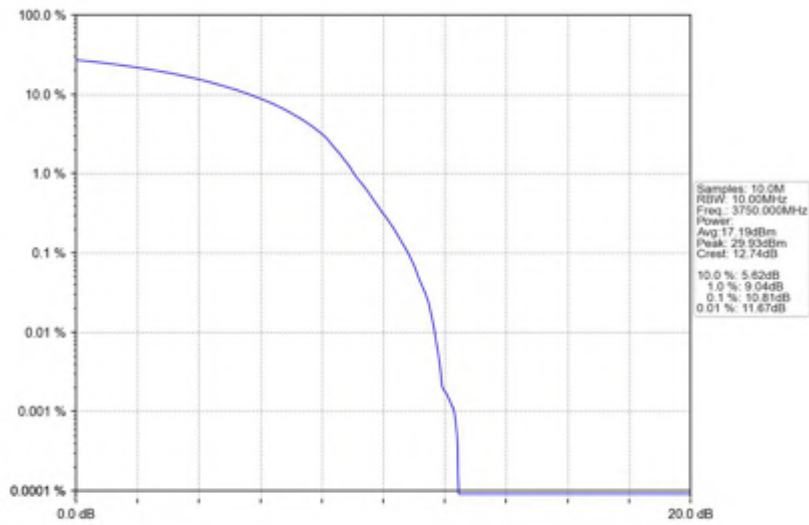
n78(3700-3800MHz) 30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3780MHz_Outer_Full



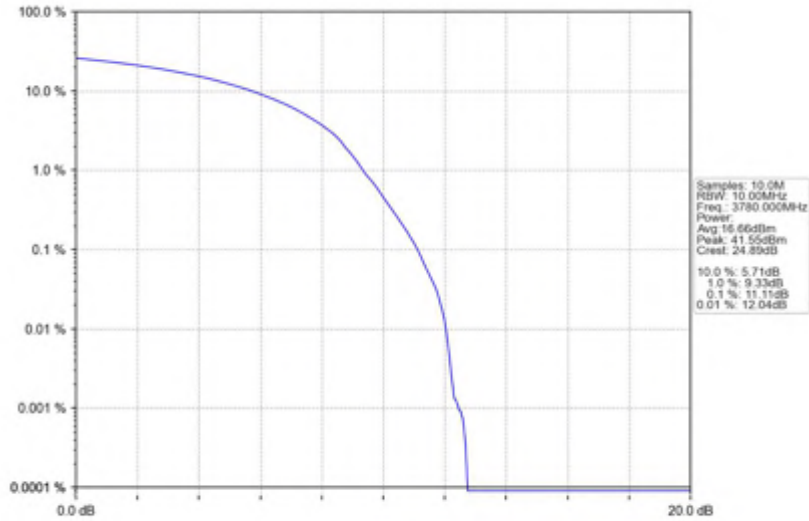
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3720MHz_Outer_Full



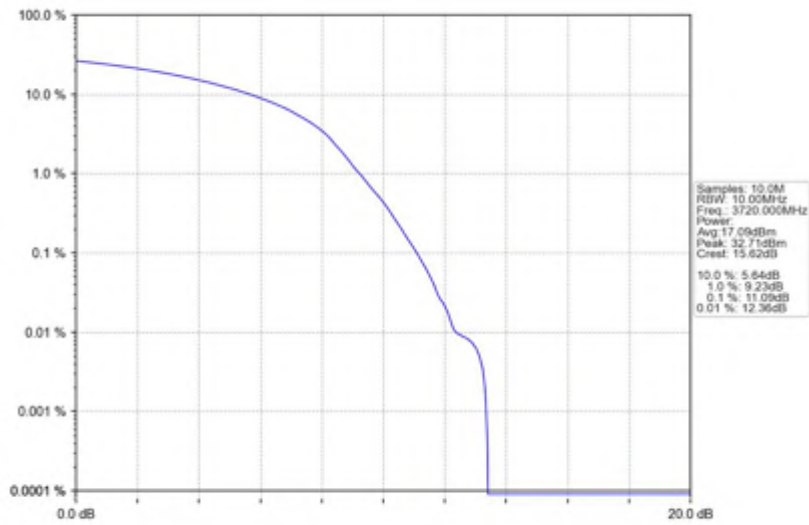
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



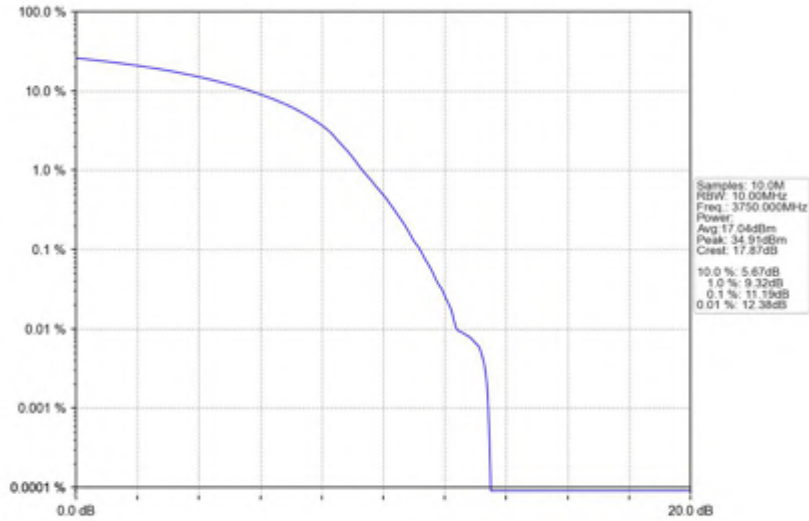
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3780MHz_Outer_Full



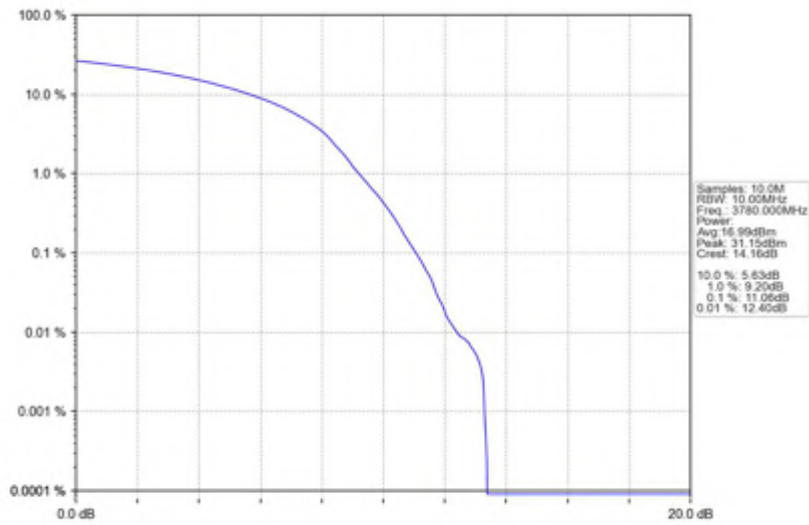
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3720MHz_Outer_Full



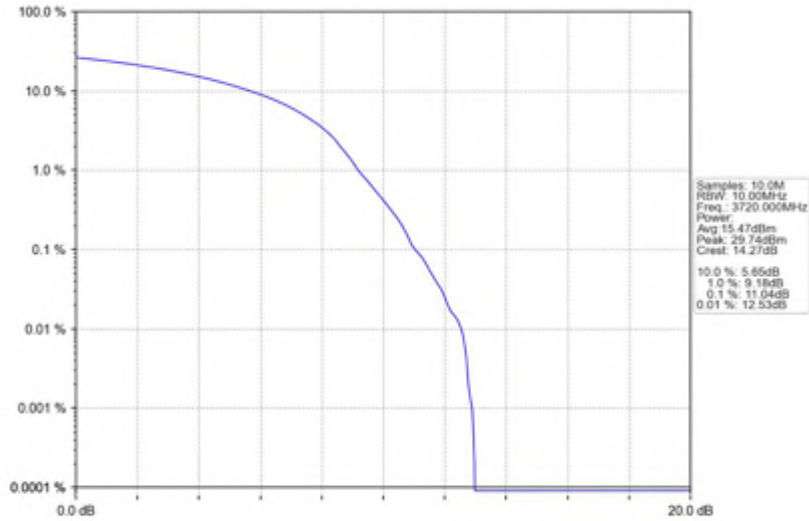
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



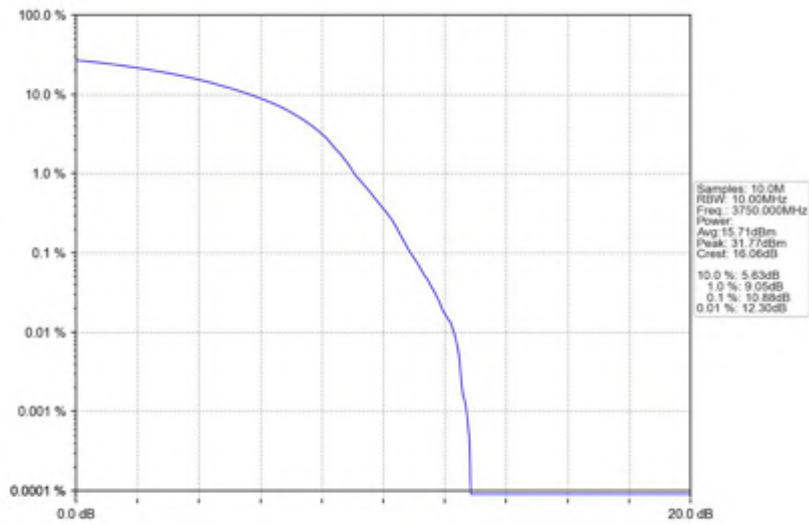
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3780MHz_Outer_Full



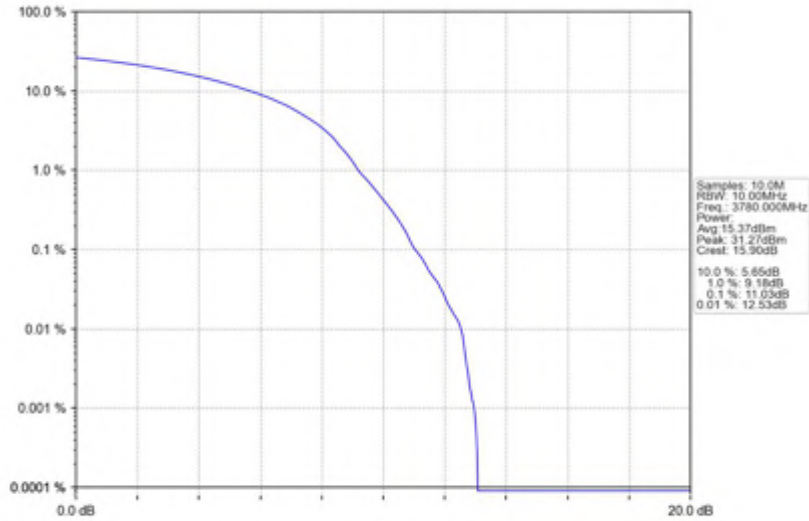
n78(3700-3800MHz) 30kHz SISO NTV 40MHz DFT-s-OFDM 256 QAM 3720MHz Outer Full



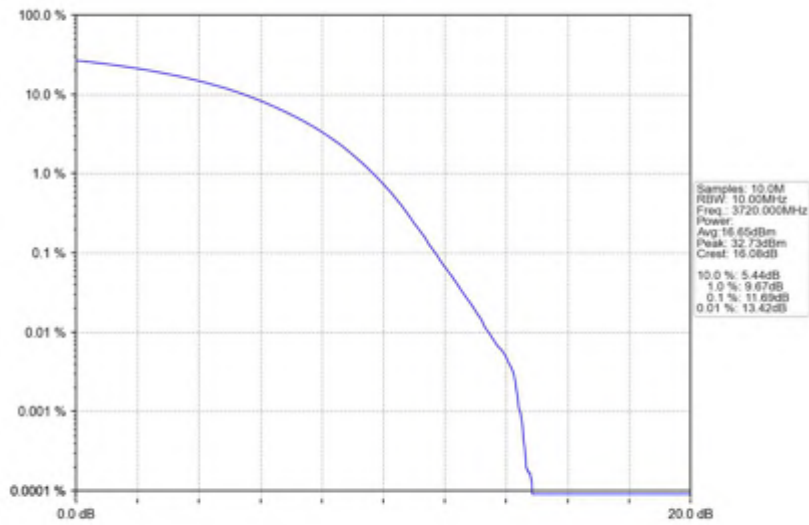
n78(3700-3800MHz) 30kHz SISO NTV 40MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



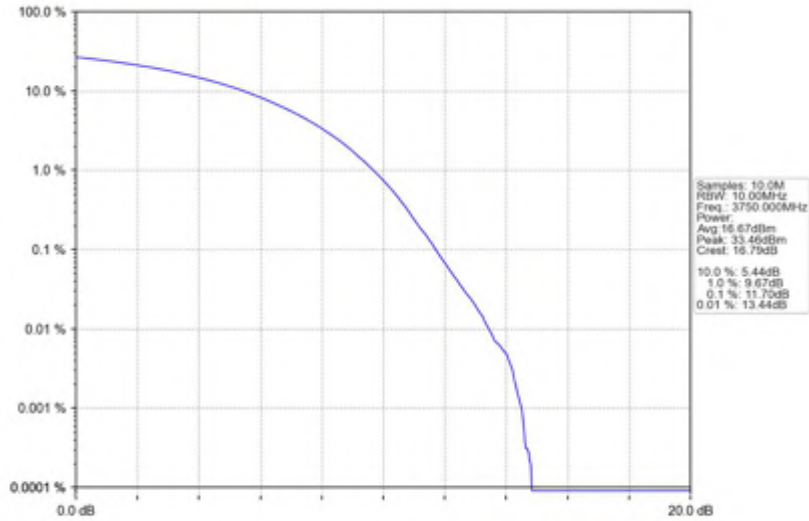
n78(3700-3800MHz) 30kHz SISO NTV 40MHz DFT-s-OFDM 256 QAM 3780MHz Outer Full



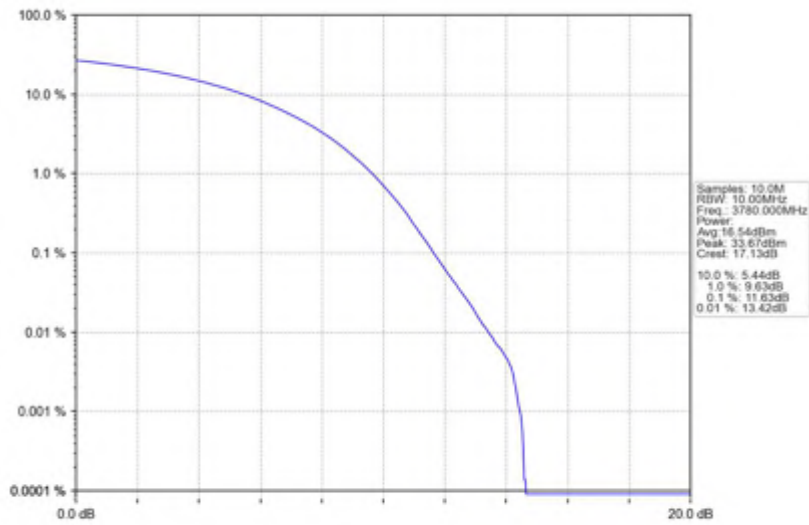
n78(3700-3800MHz) 30kHz SISO NTV 40MHz CP-OFDM QPSK 3720MHz Outer Full



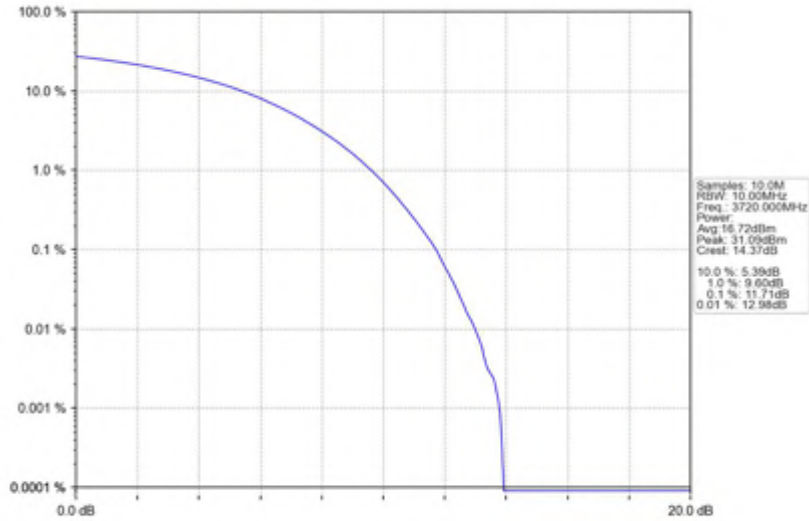
n78(3700-3800MHz) 30kHz SISO NTV 40MHz CP-OFDM QPSK 3750MHz Outer Full



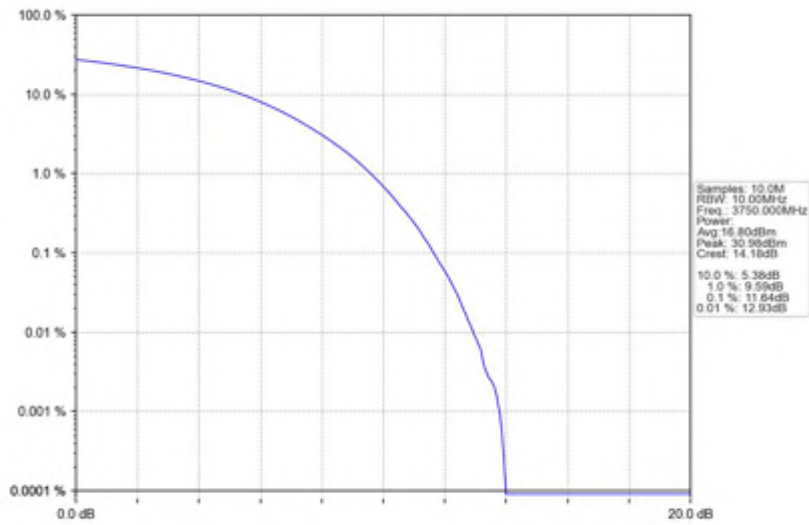
n78(3700-3800MHz) 30kHz SISO NTV 40MHz CP-OFDM QPSK 3780MHz Outer Full



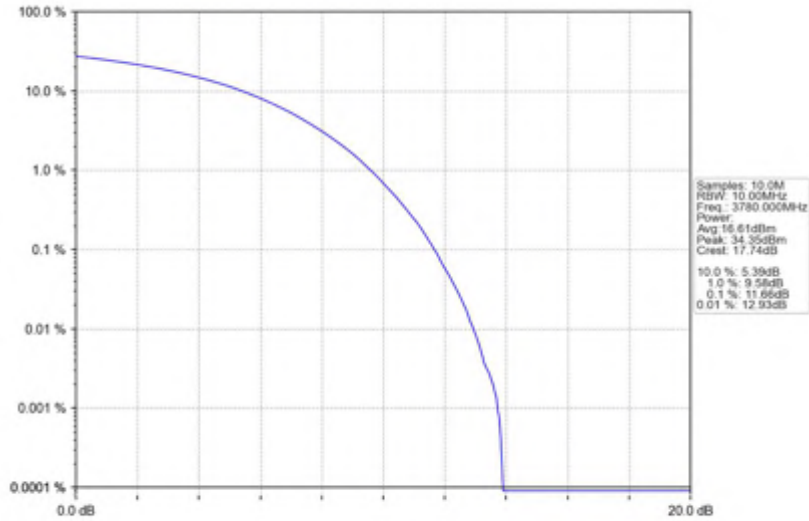
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3720MHz_Outer_Full



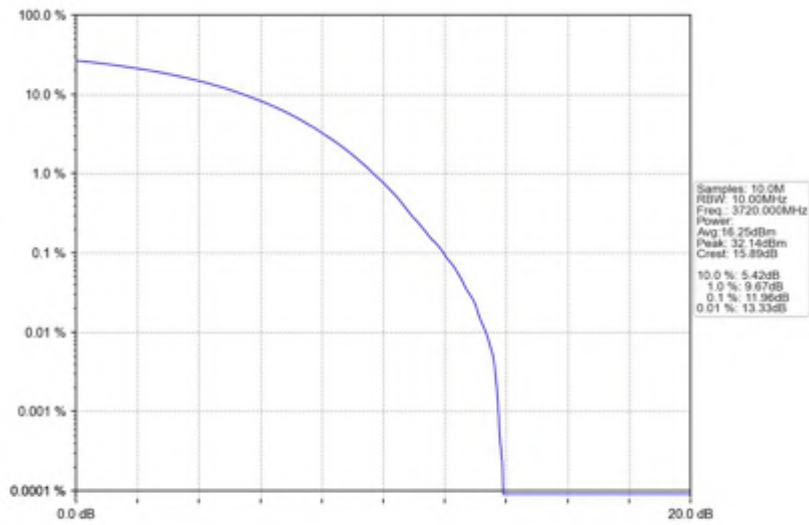
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



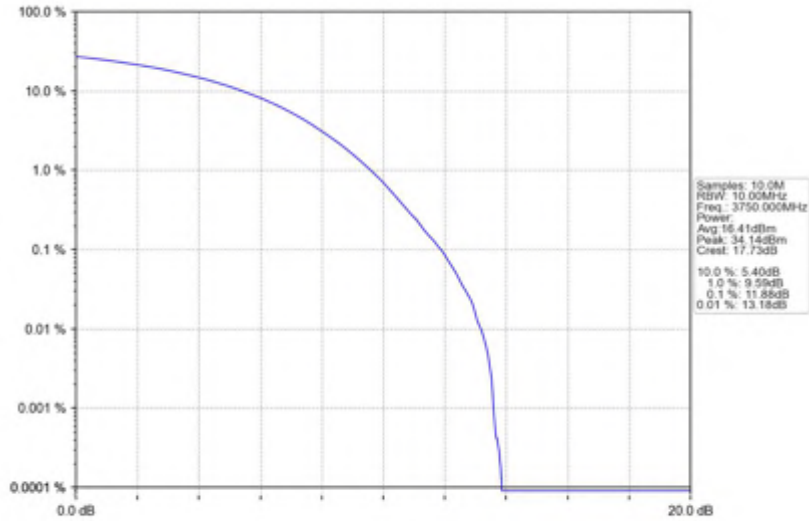
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3780MHz_Outer_Full



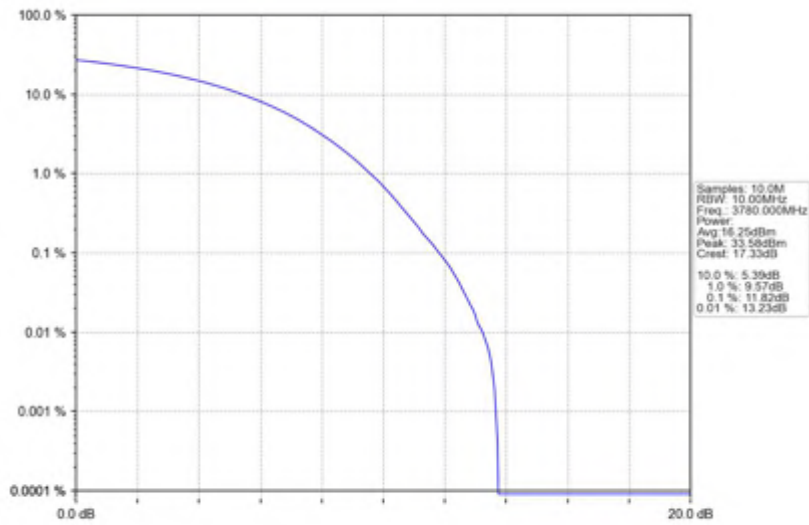
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3720MHz_Outer_Full



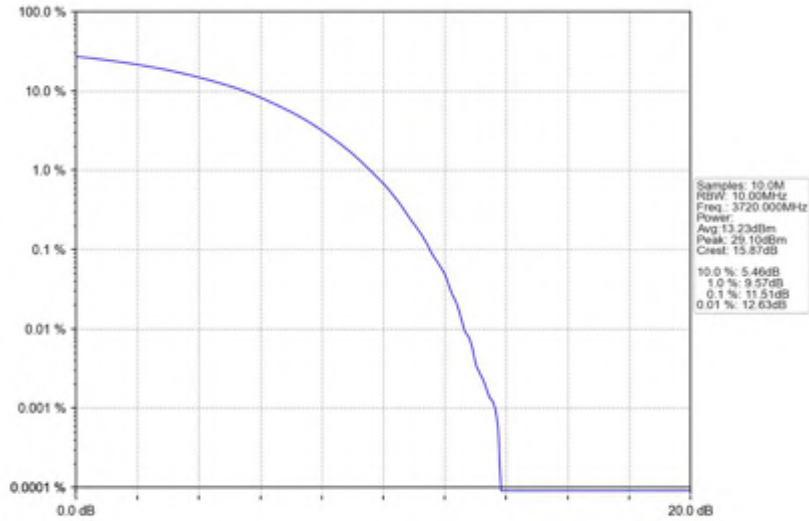
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



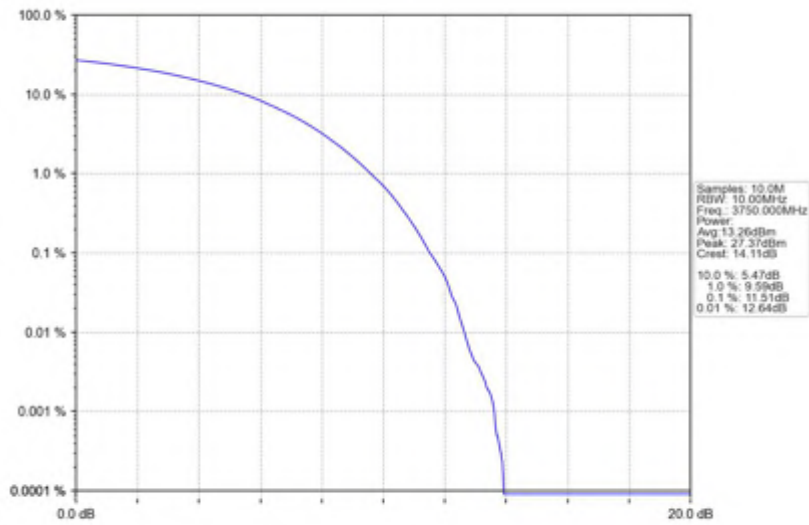
n78(3700-3800MHz)_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3780MHz_Outer_Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3720MHz_Outer_Full

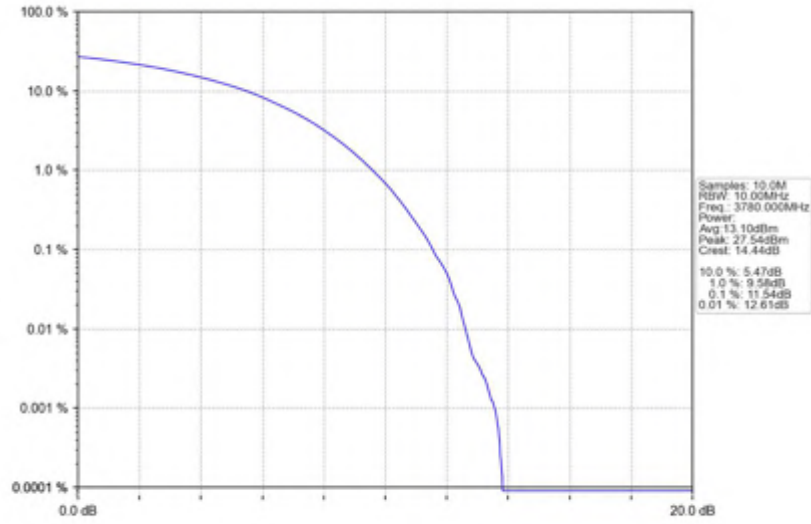


n78(3700-3800MHz) 30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full





n78(3700-3800MHz) 30kHz SISO NTV 40MHz CP-OFDM 256 QAM 3780MHz Outer Full



4.4 30k_SISO_50MHz_NTNV

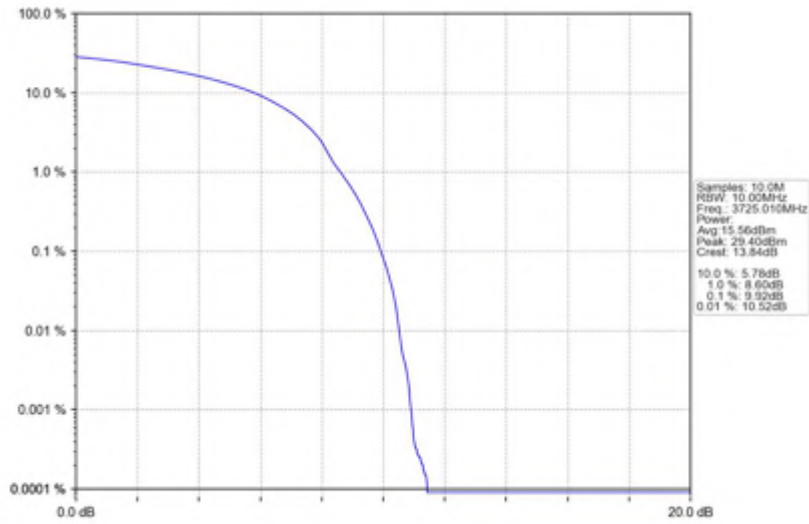
4.4.1 Test Result

5G NR n78(3700-3800MHz) SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Outer Full	9.92	/	/	<=13	Pass
	3750	Outer Full	12.12	/	/	<=13	Pass
	3774.99	Outer Full	9.95	/	/	<=13	Pass
DFT-s-OFDM QPSK	3725.01	Outer Full	10.99	/	/	<=13	Pass
	3750	Outer Full	10.84	/	/	<=13	Pass
	3774.99	Outer Full	10.79	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer Full	10.98	/	/	<=13	Pass
	3750	Outer Full	10.97	/	/	<=13	Pass
	3774.99	Outer Full	11.14	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer Full	11.15	/	/	<=13	Pass
	3750	Outer Full	11.22	/	/	<=13	Pass
	3774.99	Outer Full	11.04	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer Full	11.13	/	/	<=13	Pass
	3750	Outer Full	11.11	/	/	<=13	Pass
	3774.99	Outer Full	11.08	/	/	<=13	Pass
CP-OFDM QPSK	3725.01	Outer Full	11.73	/	/	<=13	Pass
	3750	Outer Full	11.73	/	/	<=13	Pass
	3774.99	Outer Full	11.82	/	/	<=13	Pass
CP-OFDM 16 QAM	3725.01	Outer Full	11.63	/	/	<=13	Pass
	3750	Outer Full	11.59	/	/	<=13	Pass
	3774.99	Outer Full	11.52	/	/	<=13	Pass
CP-OFDM 64 QAM	3725.01	Outer Full	11.87	/	/	<=13	Pass
	3750	Outer Full	11.76	/	/	<=13	Pass
	3774.99	Outer Full	11.83	/	/	<=13	Pass
CP-OFDM 256 QAM	3725.01	Outer Full	11.84	/	/	<=13	Pass
	3750	Outer Full	11.88	/	/	<=13	Pass
	3774.99	Outer Full	11.97	/	/	<=13	Pass

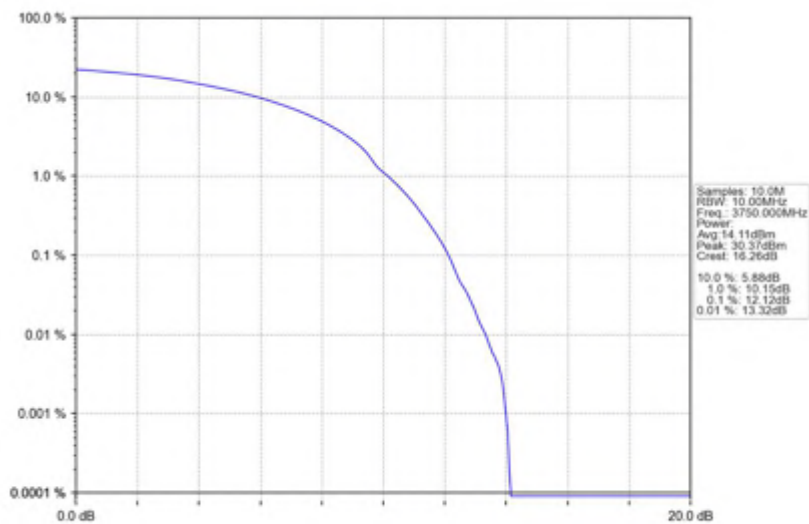


4.4.2 Test Graph

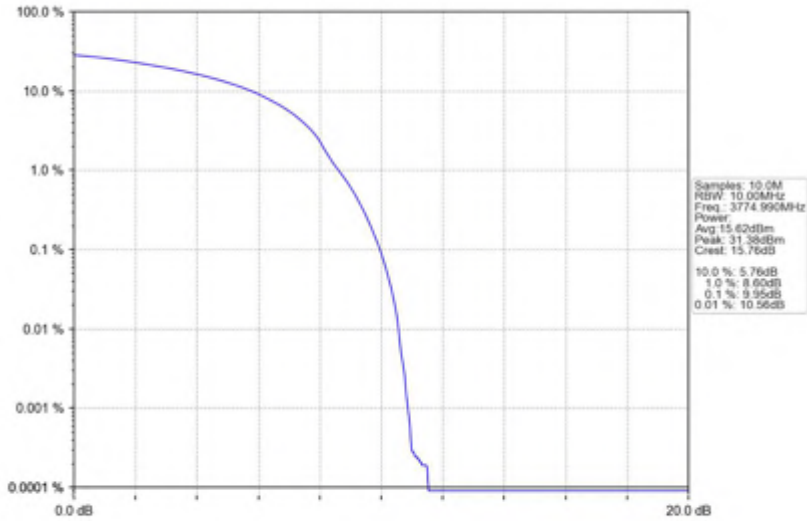
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3725.01MHz_Outer_Full



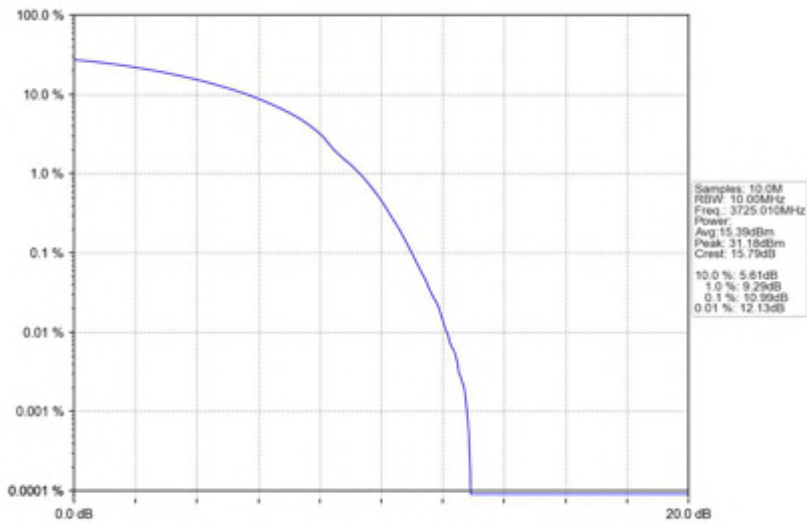
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



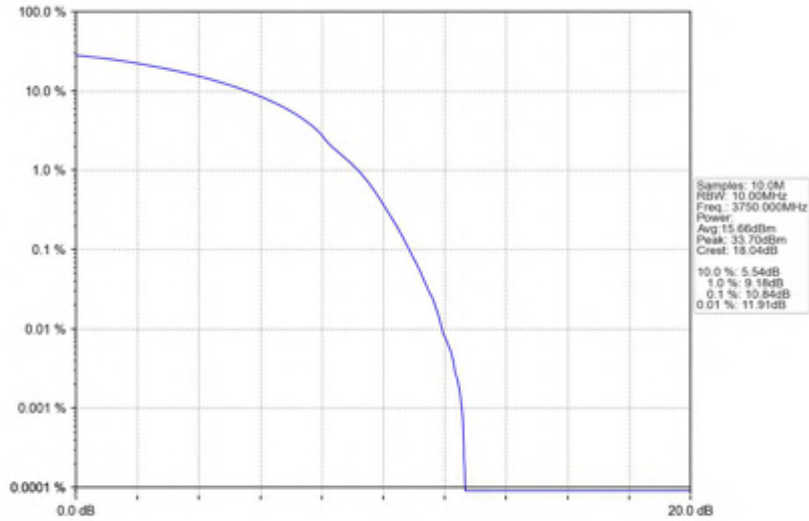
n78(3700-3800MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Outer Full



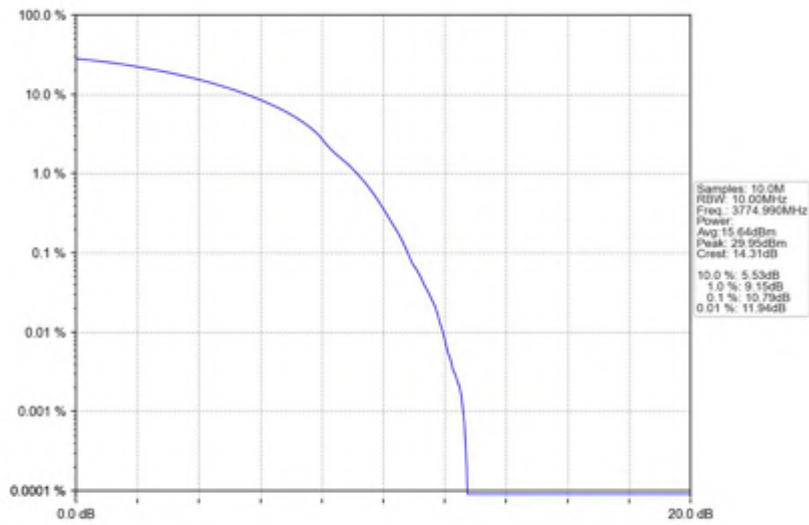
n78(3700-3800MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Outer Full



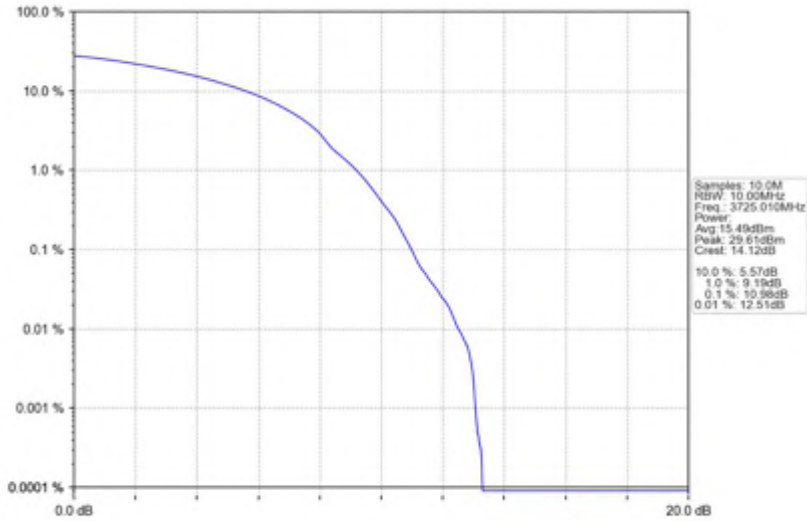
n78(3700-3800MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3750MHz Outer Full



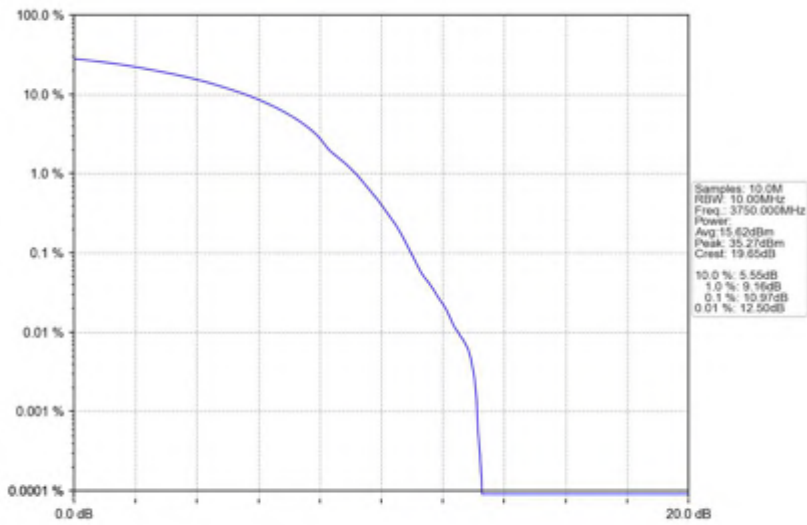
n78(3700-3800MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Outer Full



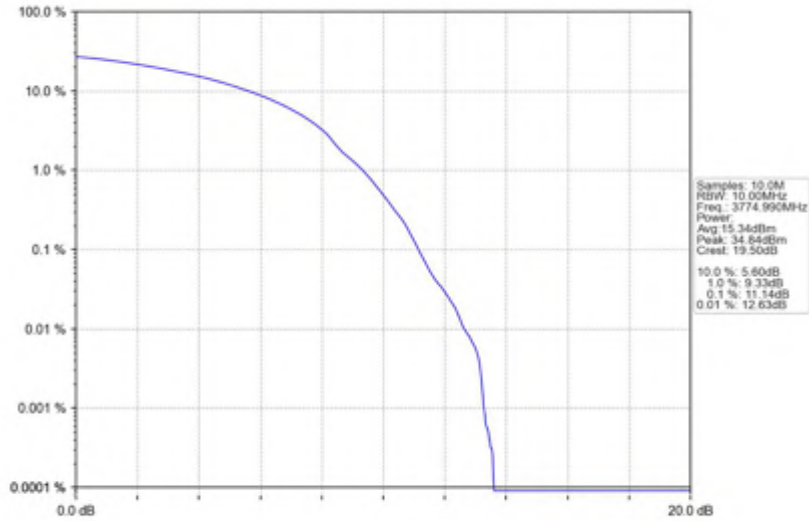
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3725.01MHz_Outer_Full



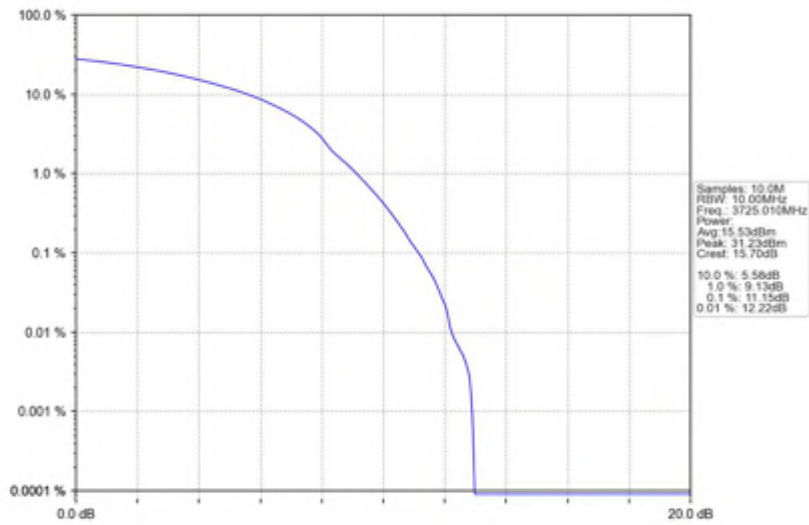
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



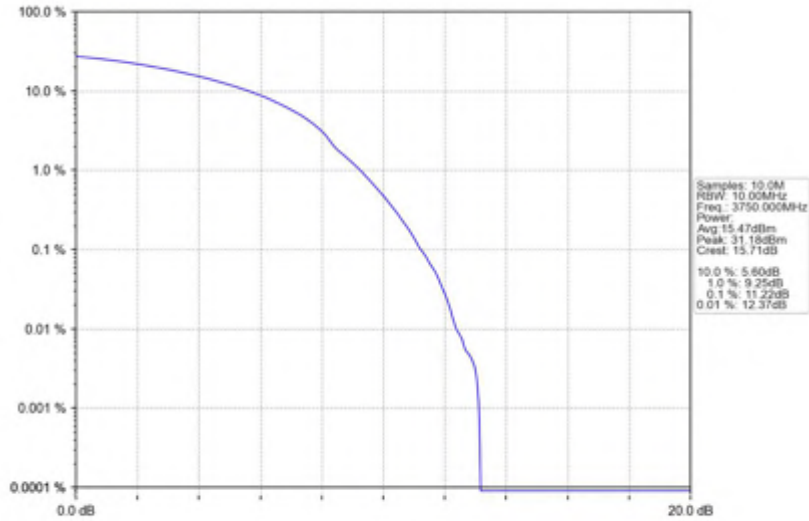
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3774.99MHz_Outer_Full



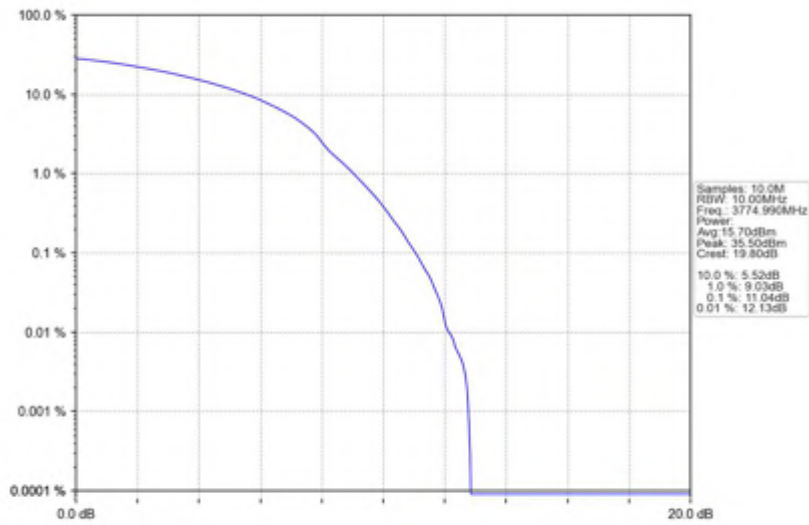
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3725.01MHz_Outer_Full



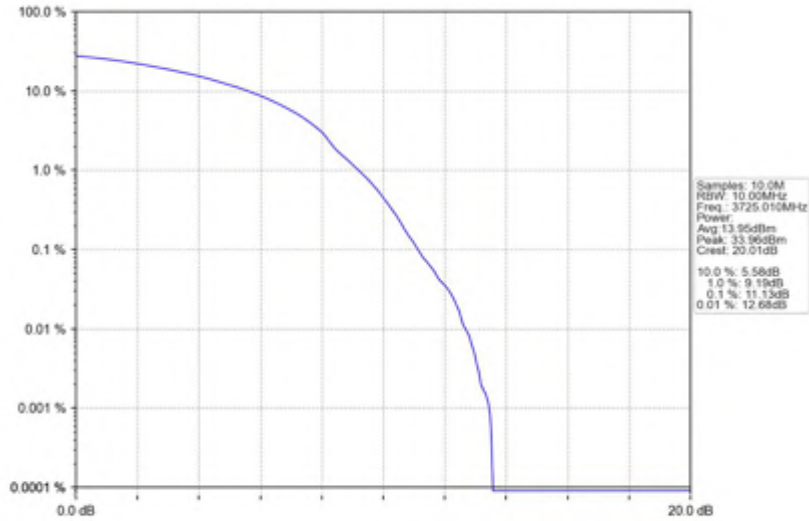
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



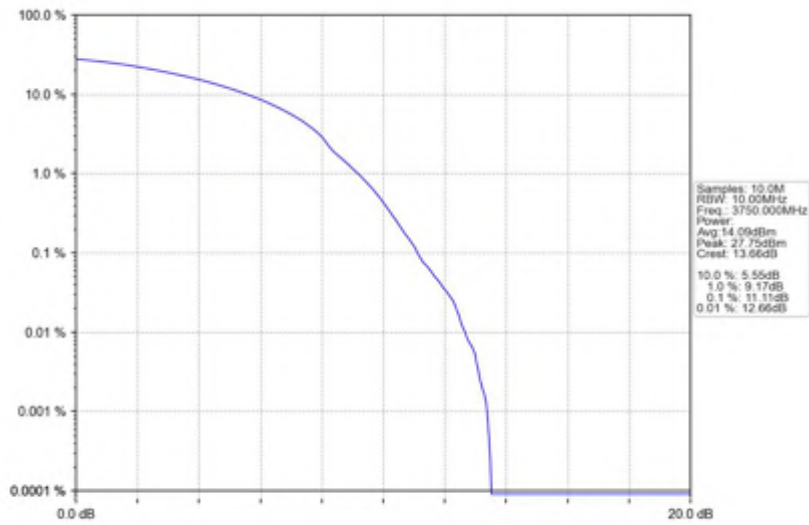
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3774.99MHz_Outer_Full



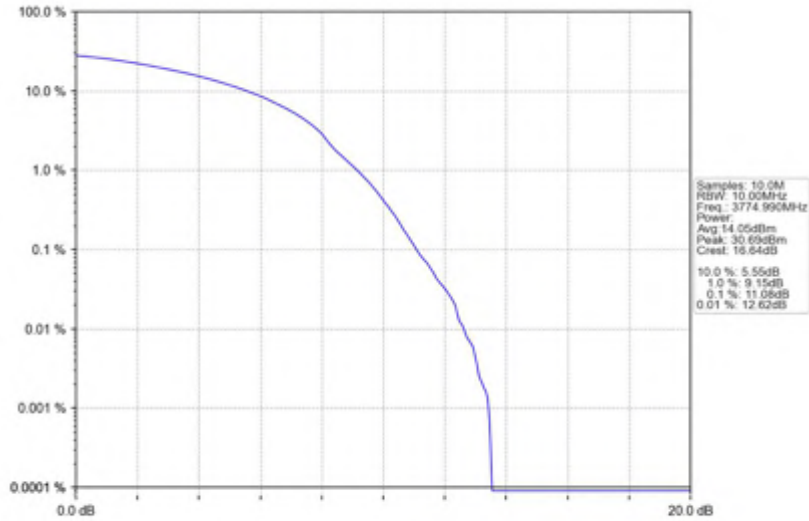
n78(3700-3800MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3725.01MHz Outer Full



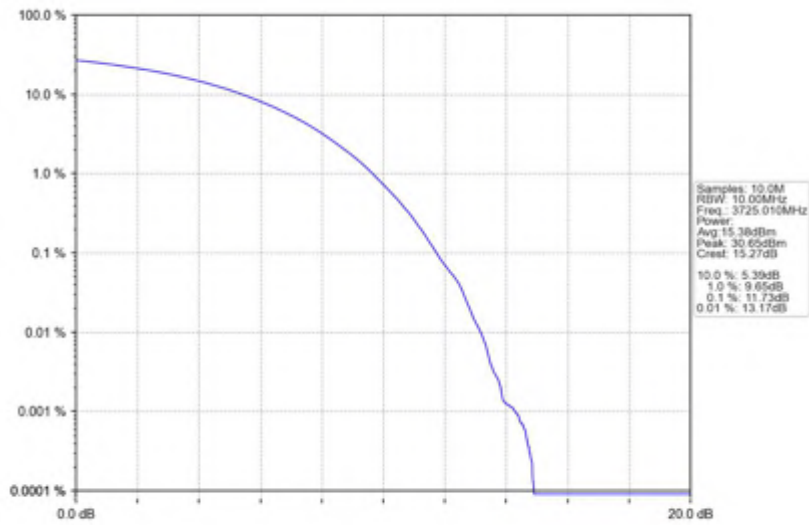
n78(3700-3800MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



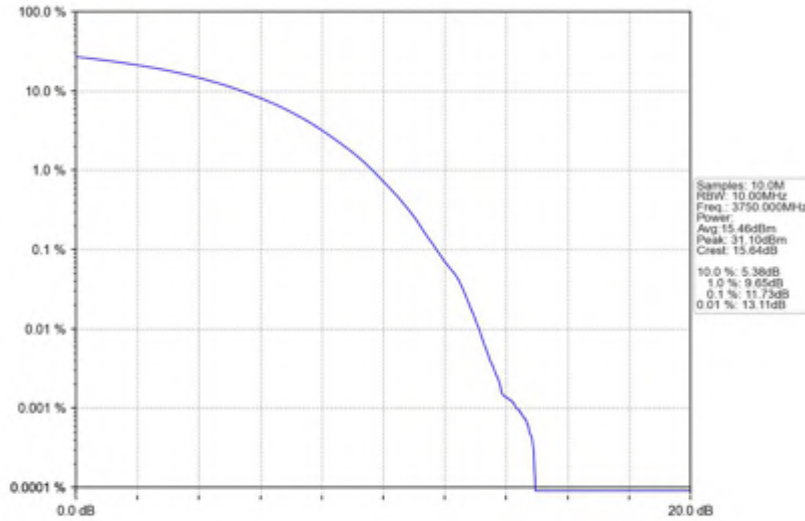
n78(3700-3800MHz) 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3774.99MHz Outer Full



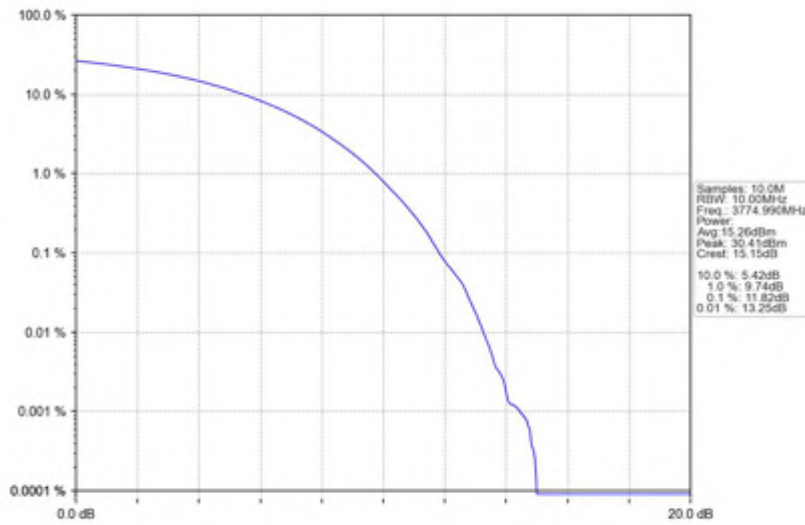
n78(3700-3800MHz) 30kHz SISO NTN 50MHz CP-OFDM QPSK 3725.01MHz Outer Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3750MHz_Outer_Full

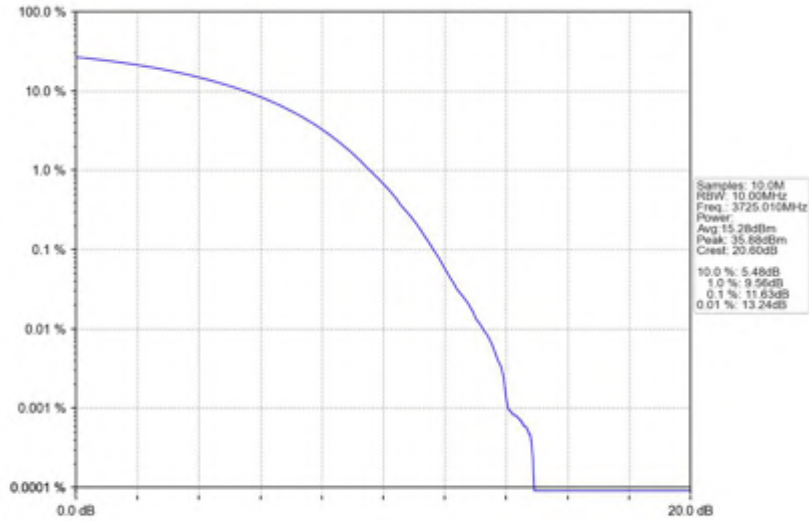


n78(3700-3800MHz) 30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3774.99MHz_Outer_Full

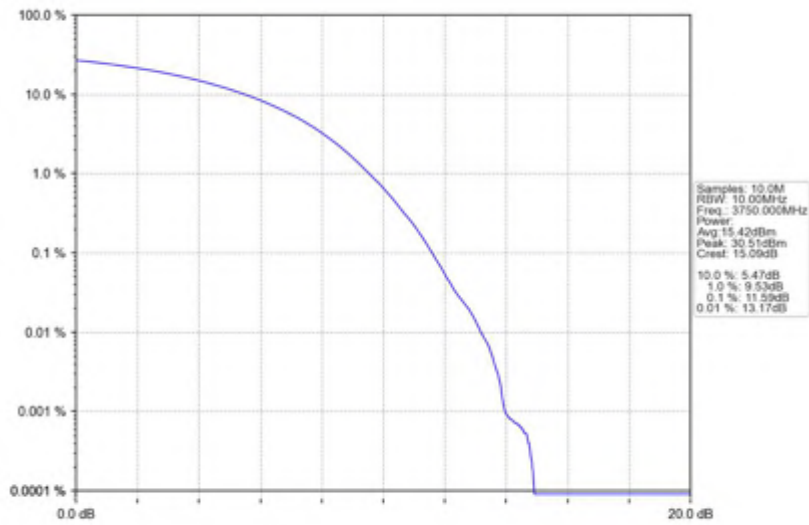




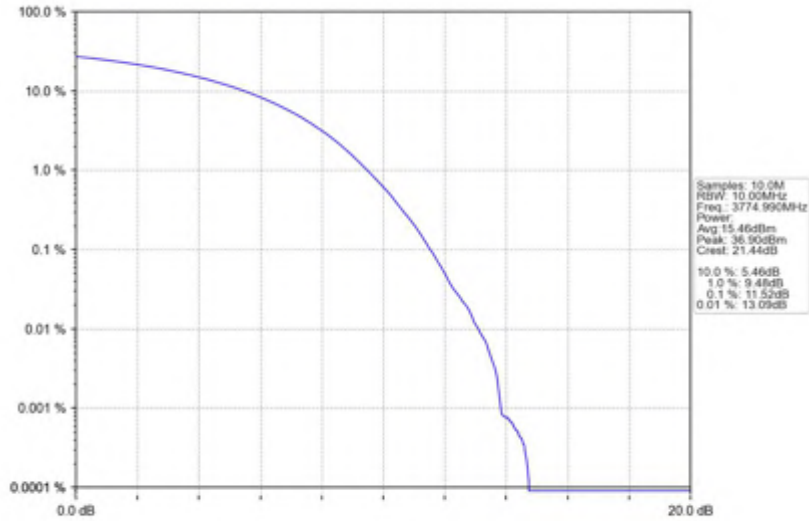
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3725.01MHz_Outer_Full



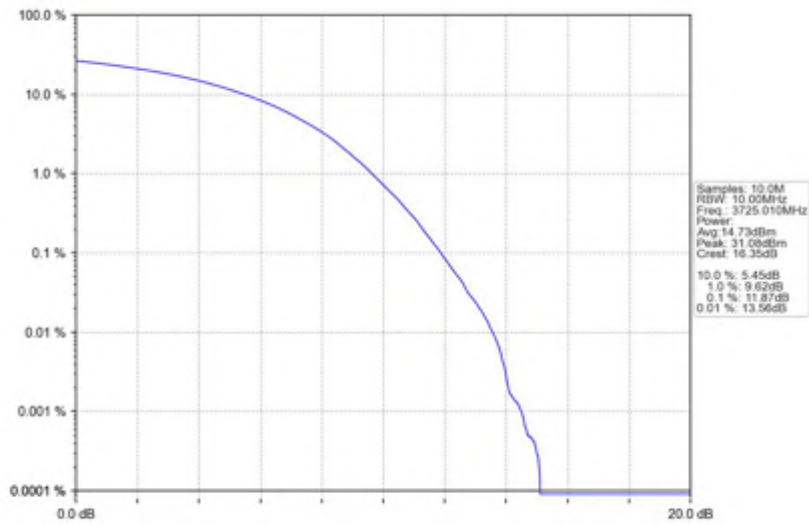
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



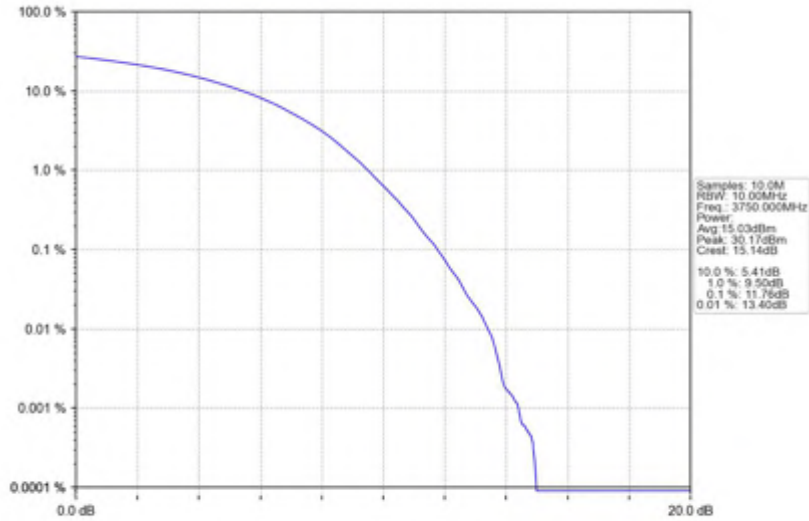
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3774.99MHz_Outer_Full



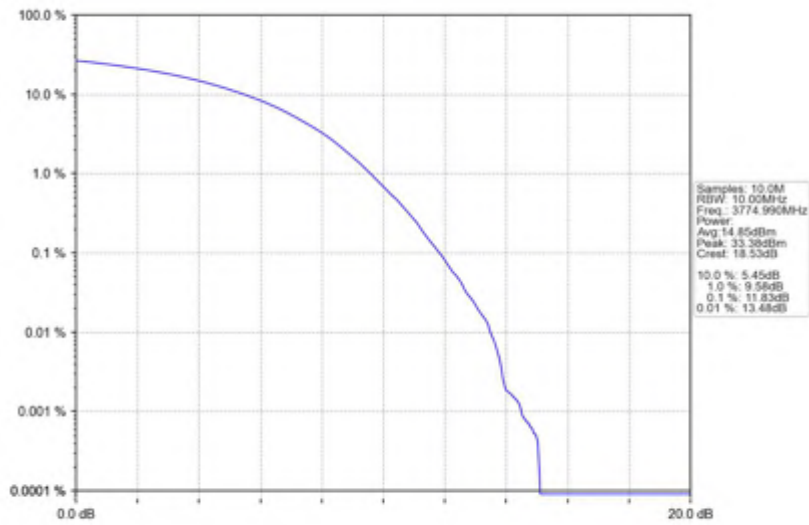
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3725.01MHz_Outer_Full



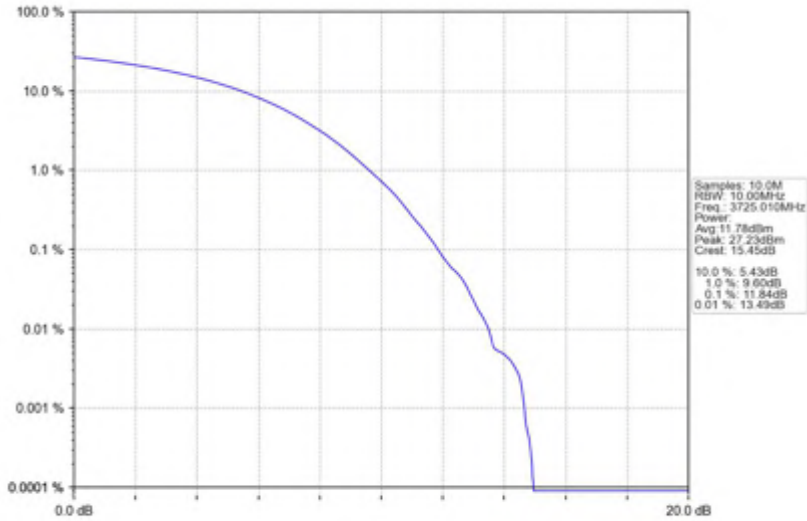
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



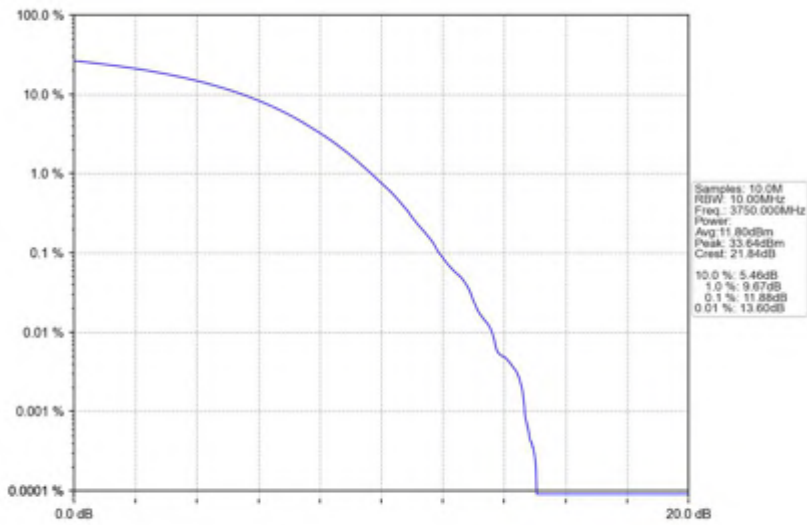
n78(3700-3800MHz)_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3774.99MHz_Outer_Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3725.01MHz_Outer_Full

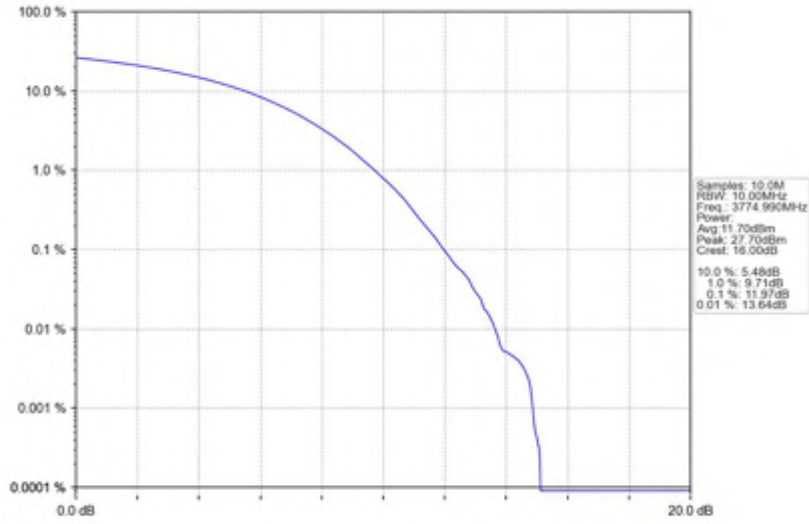


n78(3700-3800MHz) 30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full





n78(3700-3800MHz) 30kHz SISO NTV 50MHz CP-OFDM 256 QAM 3774.99MHz Outer Full



4.5 30k_SISO_60MHz_NTNV

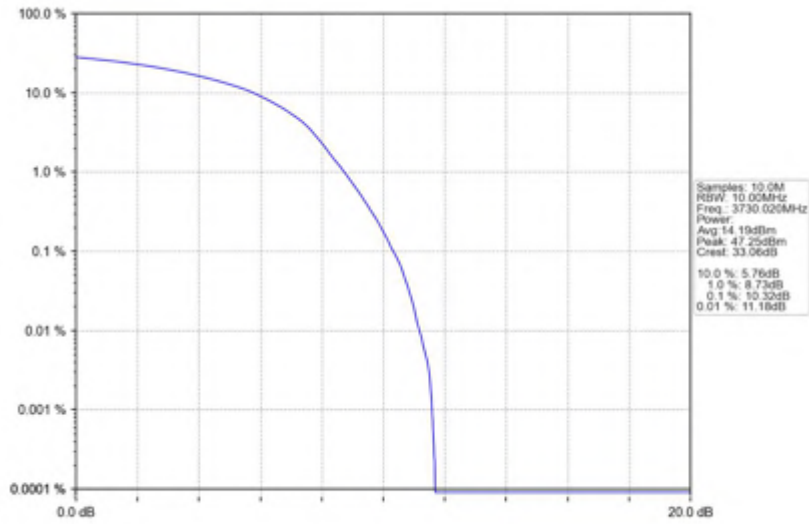
4.5.1 Test Result

5G NR n78(3700-3800MHz) 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	10.32	/	/	<=13	Pass
	3750	Outer Full	10.37	/	/	<=13	Pass
	3769.98	Outer Full	10.36	/	/	<=13	Pass
DFT-s-OFDM QPSK	3730.02	Outer Full	11.28	/	/	<=13	Pass
	3750	Outer Full	11.10	/	/	<=13	Pass
	3769.98	Outer Full	11.11	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer Full	11.22	/	/	<=13	Pass
	3750	Outer Full	11.14	/	/	<=13	Pass
	3769.98	Outer Full	11.17	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer Full	10.95	/	/	<=13	Pass
	3750	Outer Full	10.95	/	/	<=13	Pass
	3769.98	Outer Full	11.02	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer Full	11.16	/	/	<=13	Pass
	3750	Outer Full	11.11	/	/	<=13	Pass
	3769.98	Outer Full	10.86	/	/	<=13	Pass
CP-OFDM QPSK	3730.02	Outer Full	11.75	/	/	<=13	Pass
	3750	Outer Full	11.78	/	/	<=13	Pass
	3769.98	Outer Full	11.68	/	/	<=13	Pass
CP-OFDM 16 QAM	3730.02	Outer Full	11.69	/	/	<=13	Pass
	3750	Outer Full	11.75	/	/	<=13	Pass
	3769.98	Outer Full	12.01	/	/	<=13	Pass
CP-OFDM 64 QAM	3730.02	Outer Full	11.72	/	/	<=13	Pass
	3750	Outer Full	11.70	/	/	<=13	Pass
	3769.98	Outer Full	11.52	/	/	<=13	Pass
CP-OFDM 256 QAM	3730.02	Outer Full	11.65	/	/	<=13	Pass
	3750	Outer Full	11.78	/	/	<=13	Pass
	3769.98	Outer Full	11.77	/	/	<=13	Pass

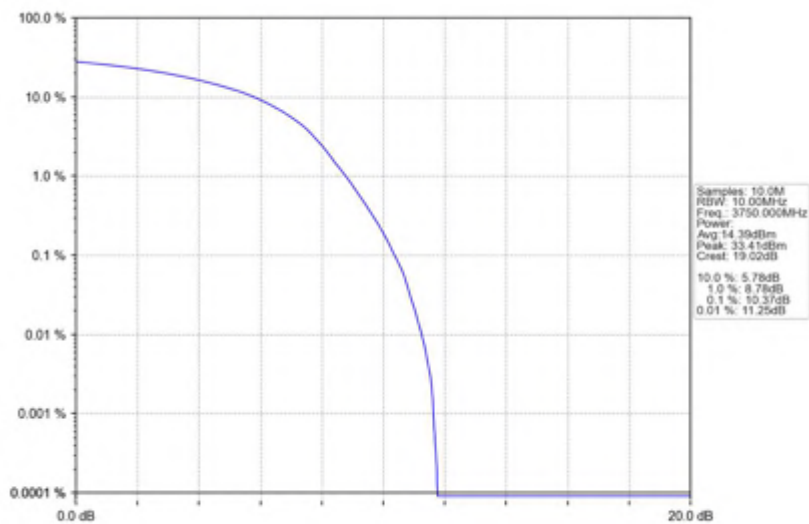


4.5.2 Test Graph

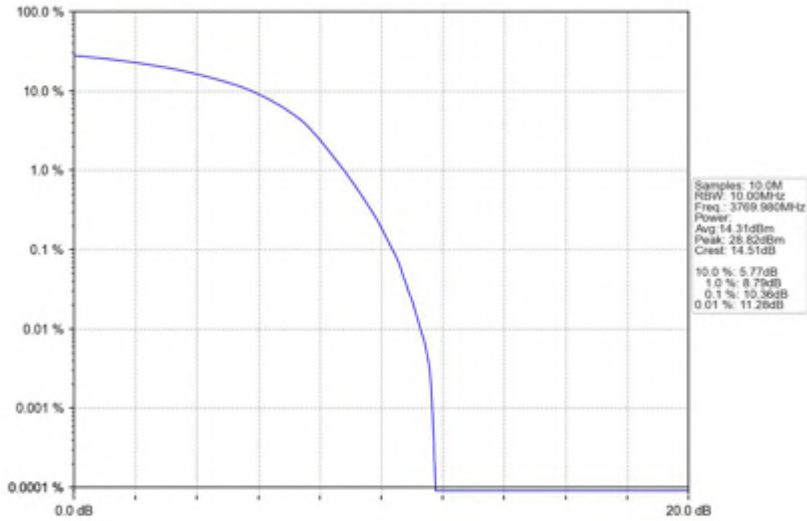
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3730.02MHz_Outer_Full



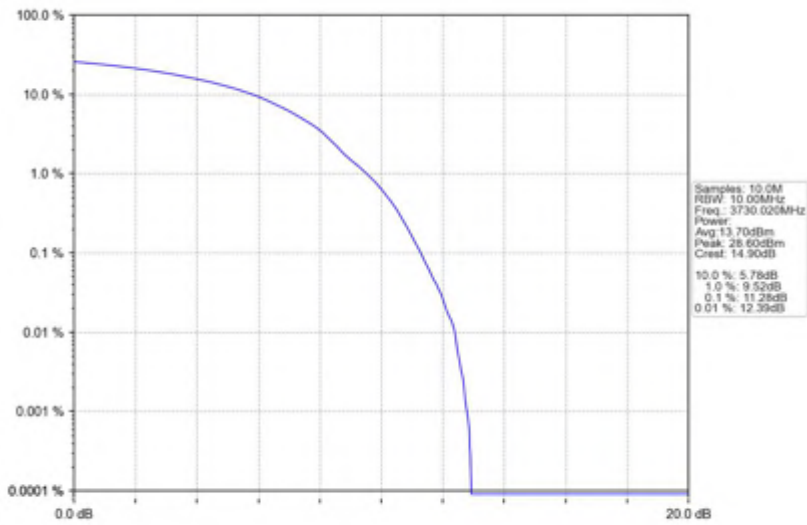
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



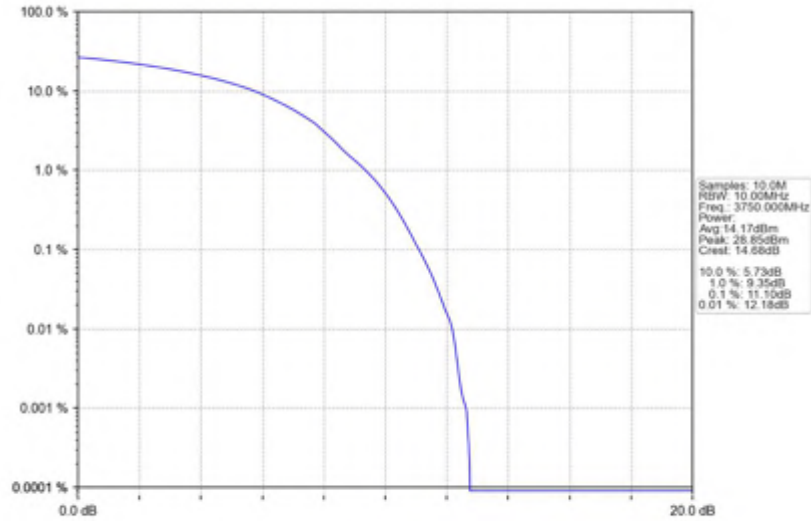
n78(3700-3800MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3769.98MHz Outer Full



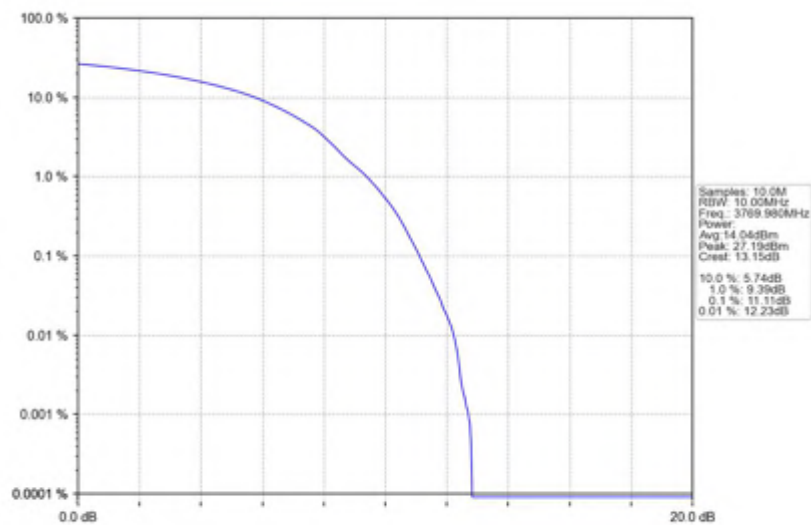
n78(3700-3800MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3730.02MHz Outer Full



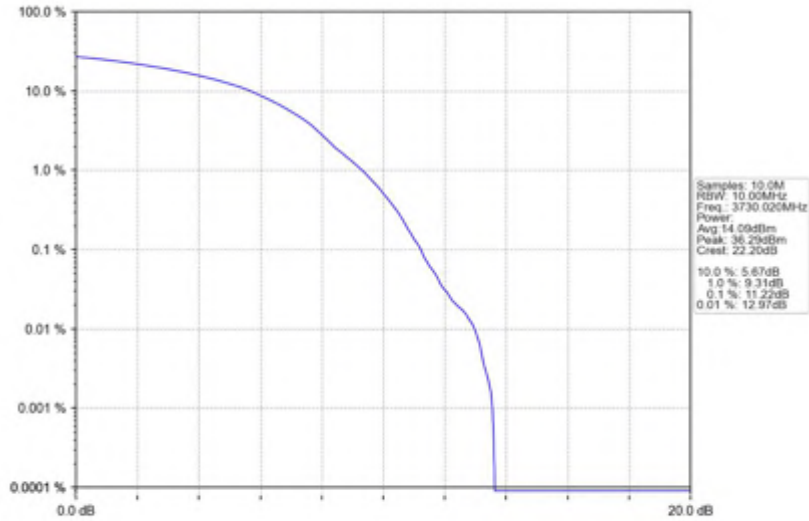
n78(3700-3800MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3750MHz Outer Full



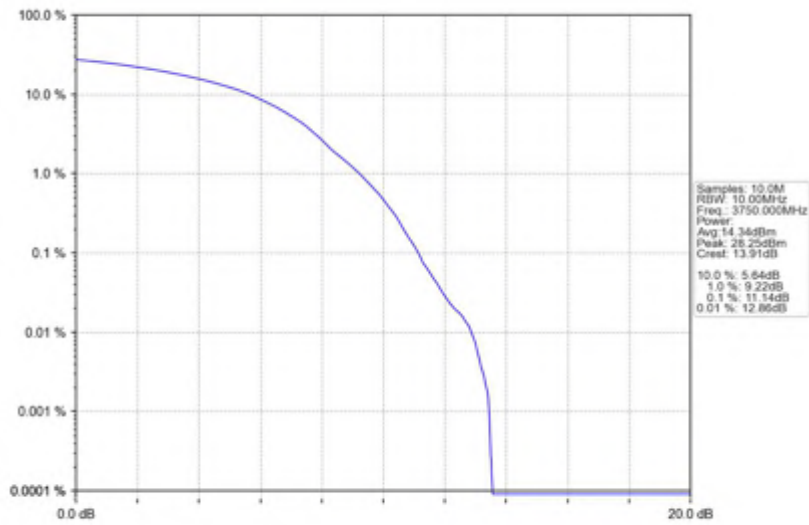
n78(3700-3800MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3769.98MHz Outer Full



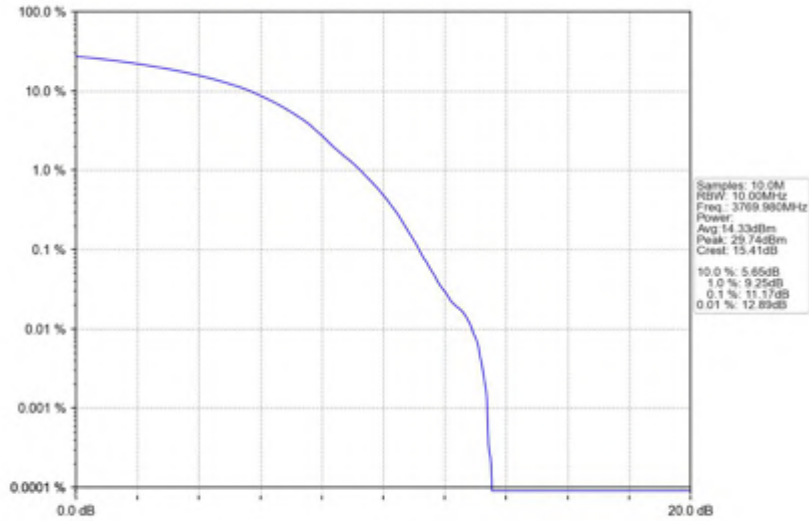
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3730.02MHz_Outer_Full



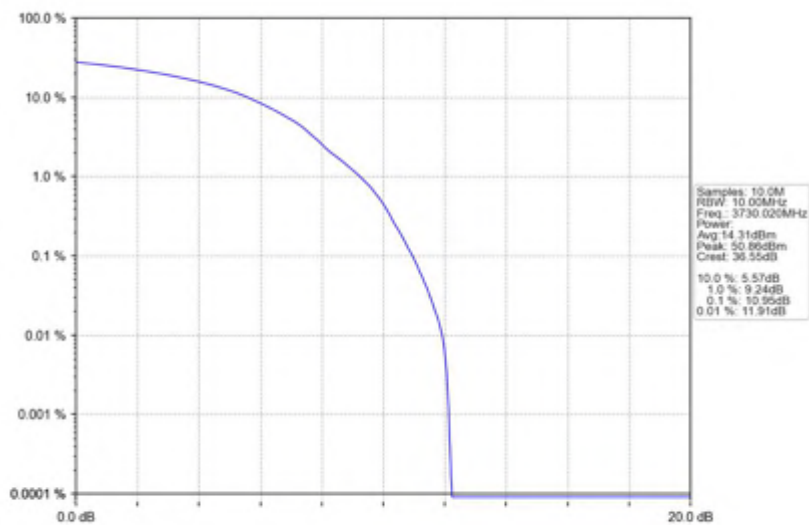
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



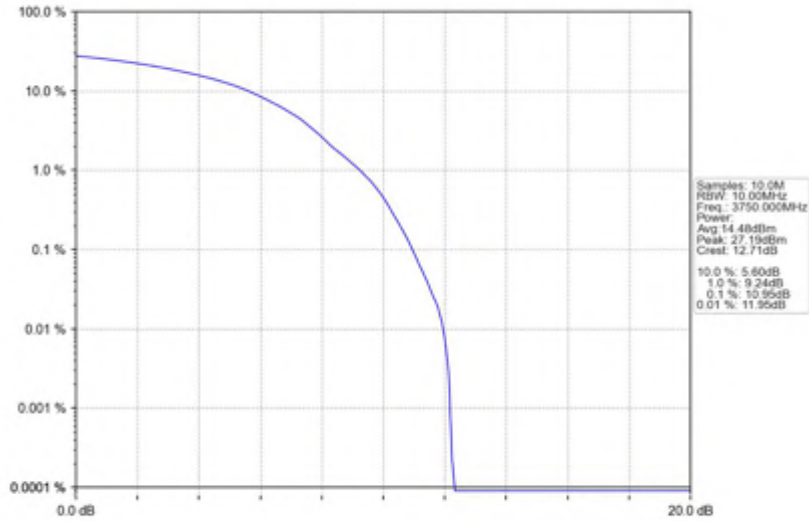
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3769.98MHz_Outer_Full



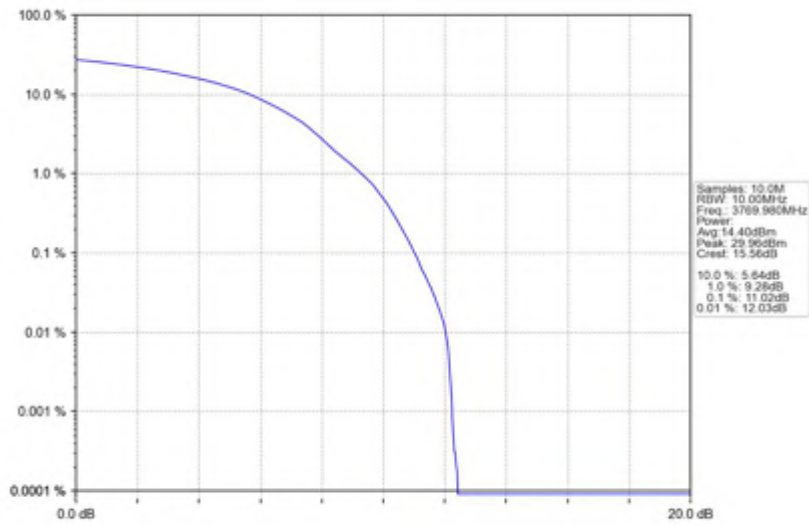
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3730.02MHz_Outer_Full



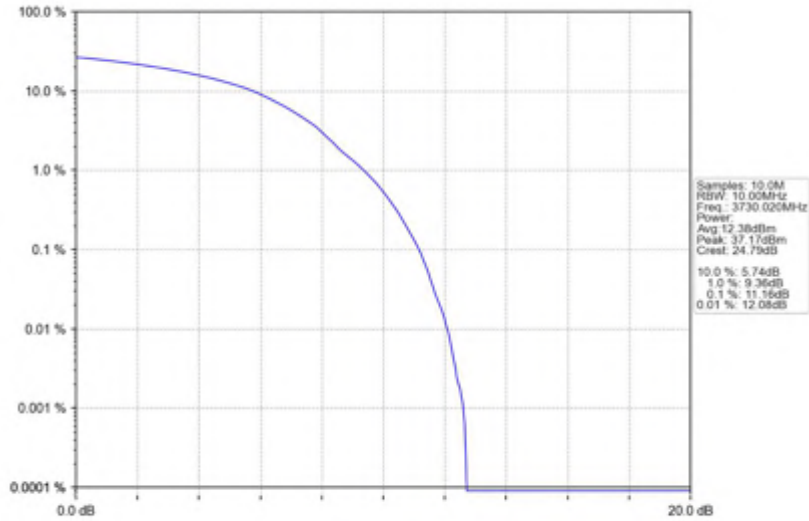
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



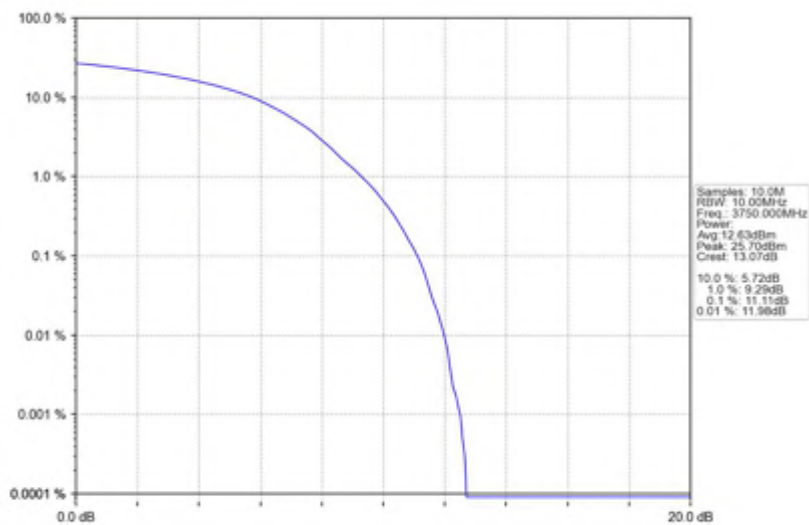
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3769.98MHz_Outer_Full



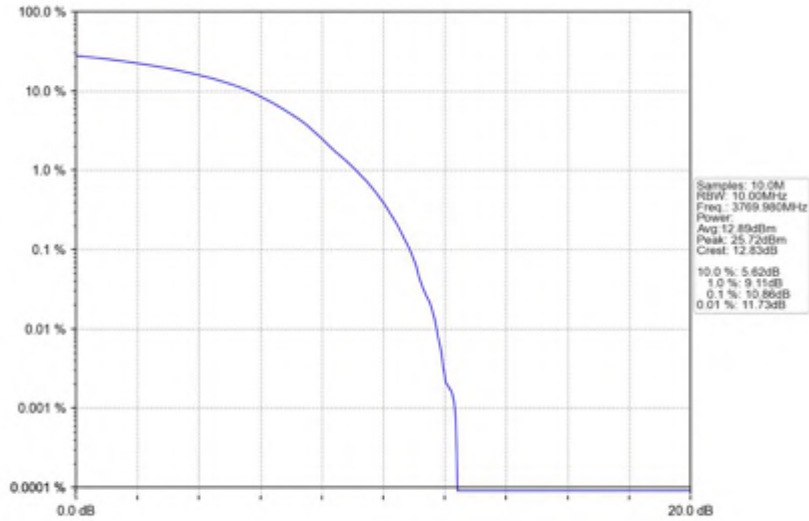
n78(3700-3800MHz) 30kHz SISO_NTNV_60MHz DFT-s-OFDM 256 QAM 3730.02MHz Outer Full



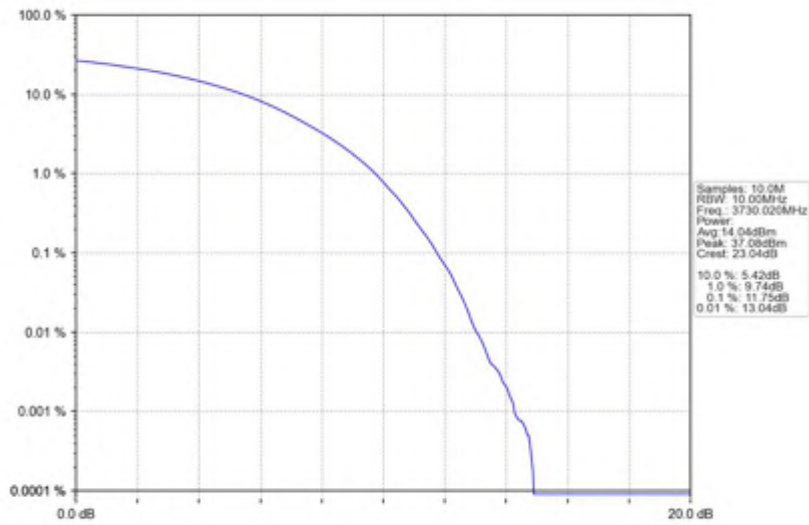
n78(3700-3800MHz) 30kHz SISO_NTNV_60MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



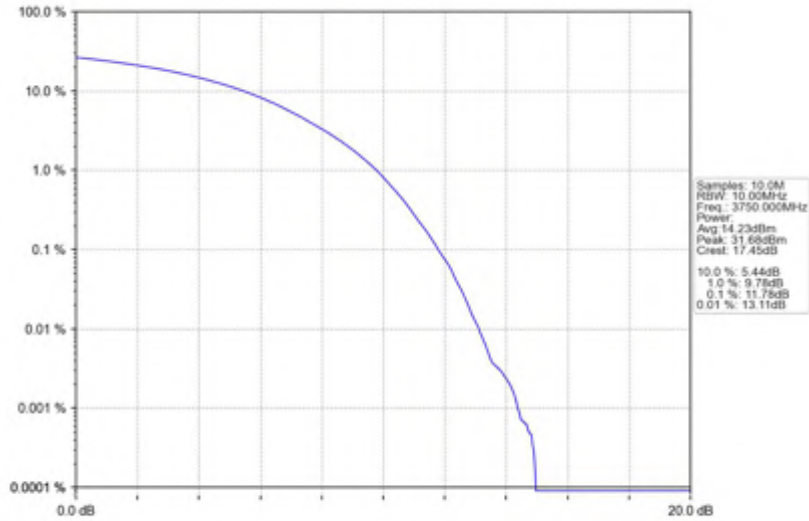
n78(3700-3800MHz) 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3769.98MHz Outer Full



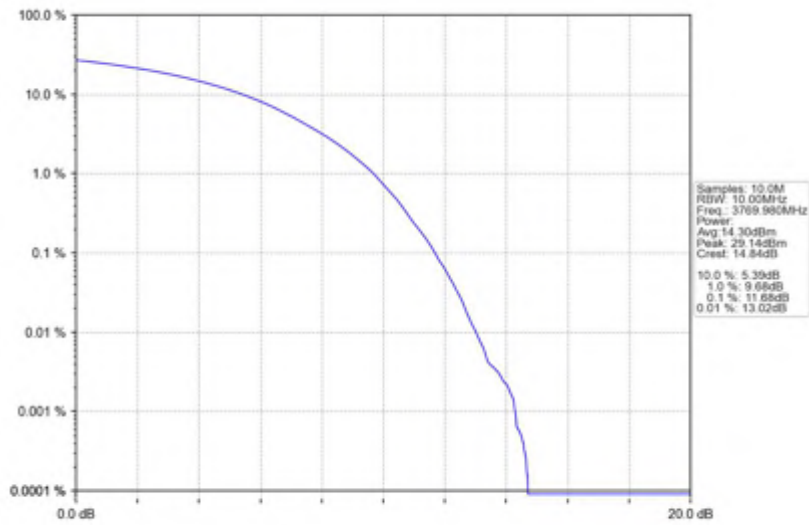
n78(3700-3800MHz) 30kHz SISO NTN 60MHz CP-OFDM QPSK 3730.02MHz Outer Full



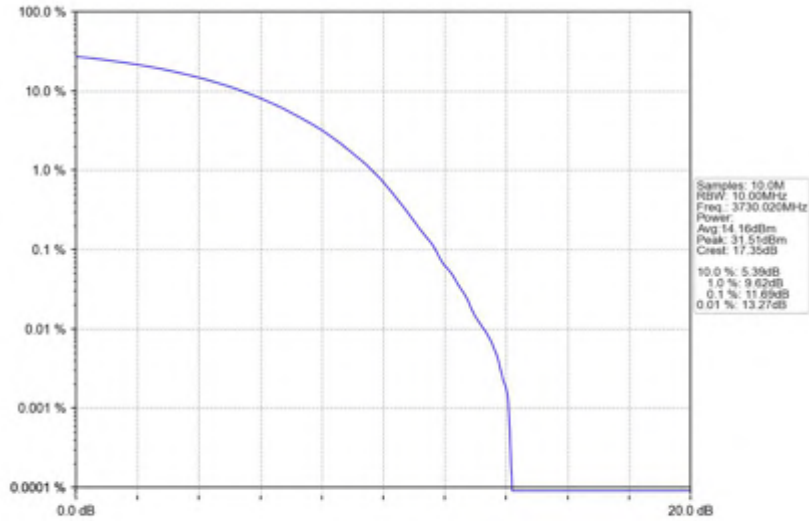
n78(3700-3800MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



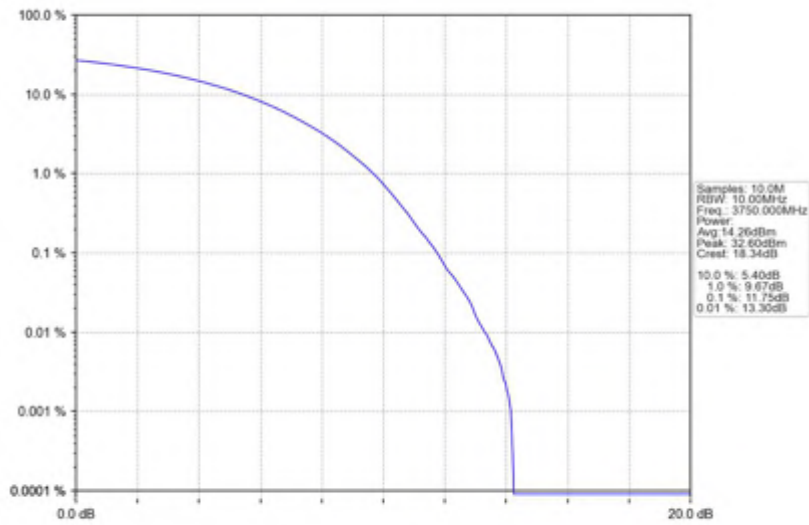
n78(3700-3800MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3769.98MHz_Outer_Full



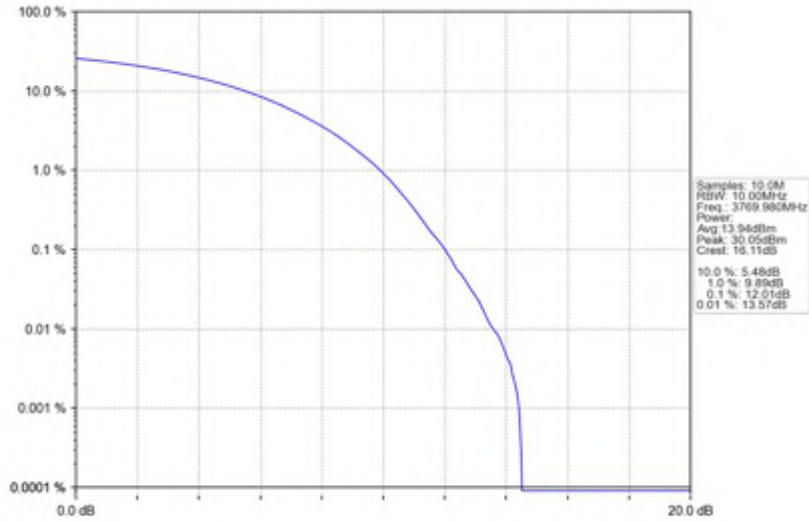
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3730.02MHz_Outer_Full



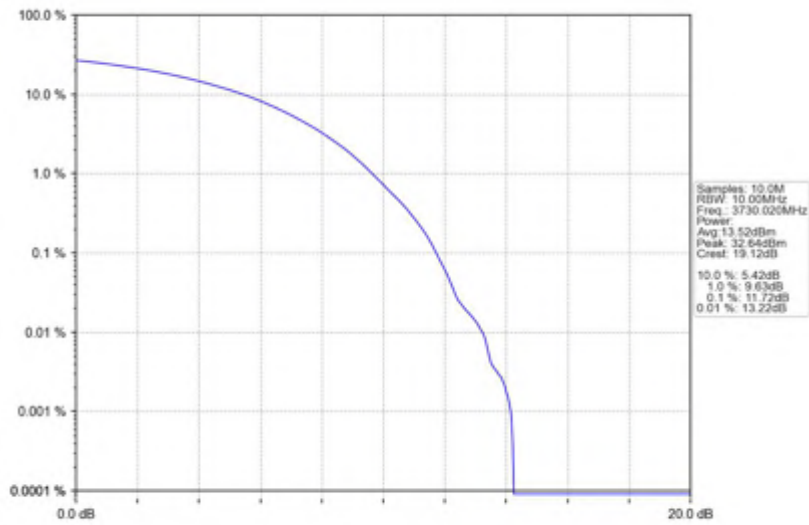
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



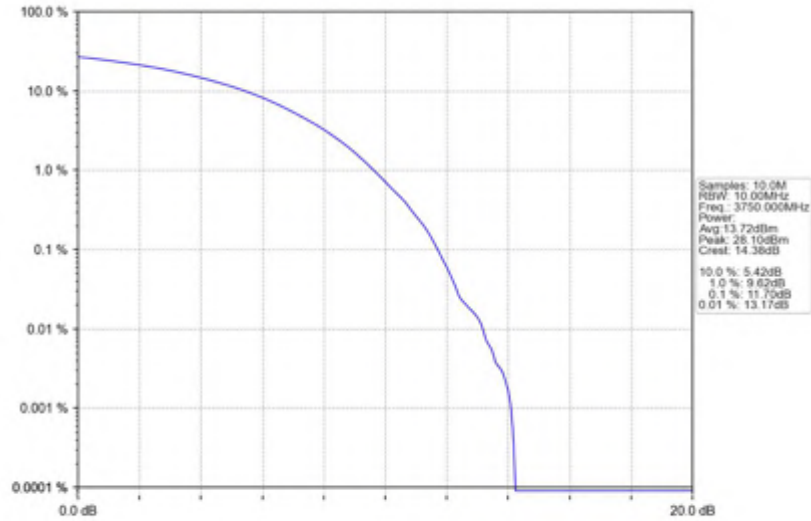
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3769.98MHz_Outer_Full



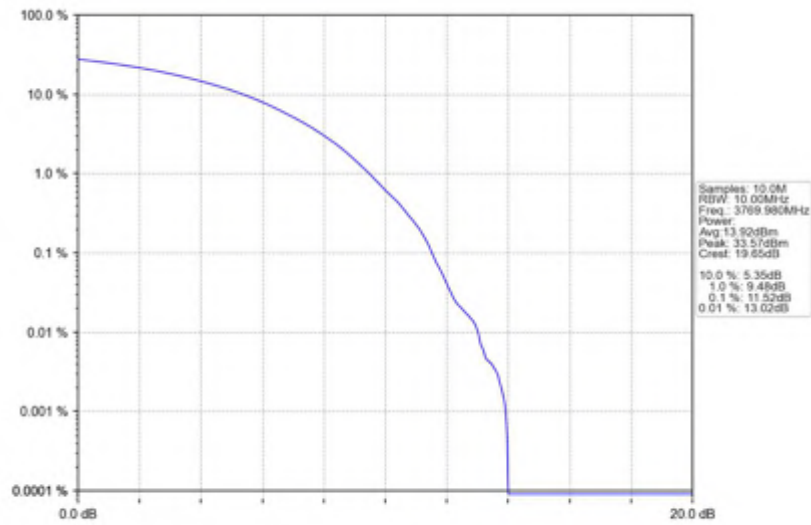
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3730.02MHz_Outer_Full



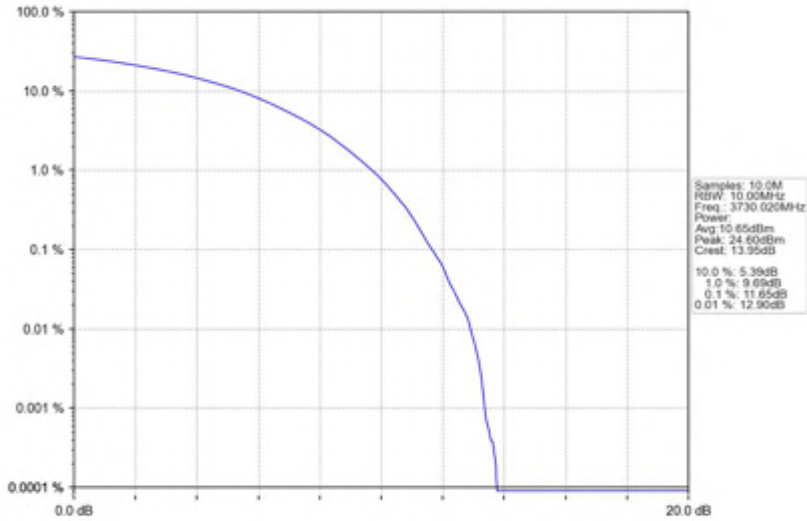
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



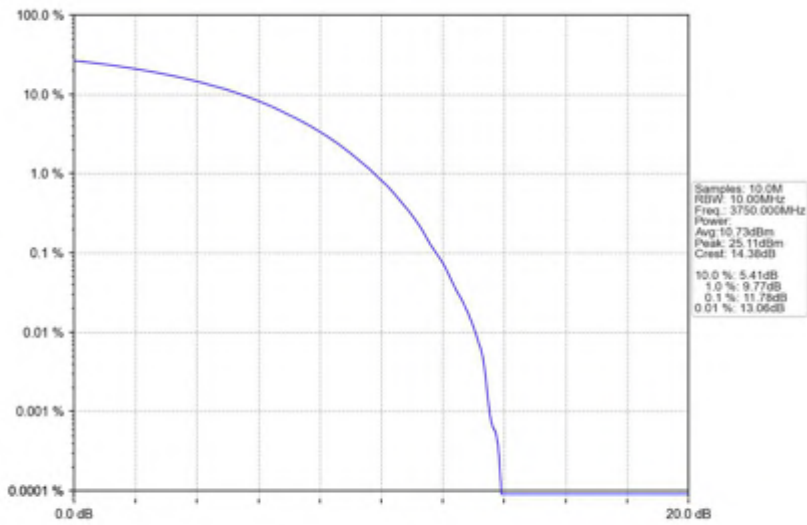
n78(3700-3800MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3769.98MHz_Outer_Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3730.02MHz_Outer_Full

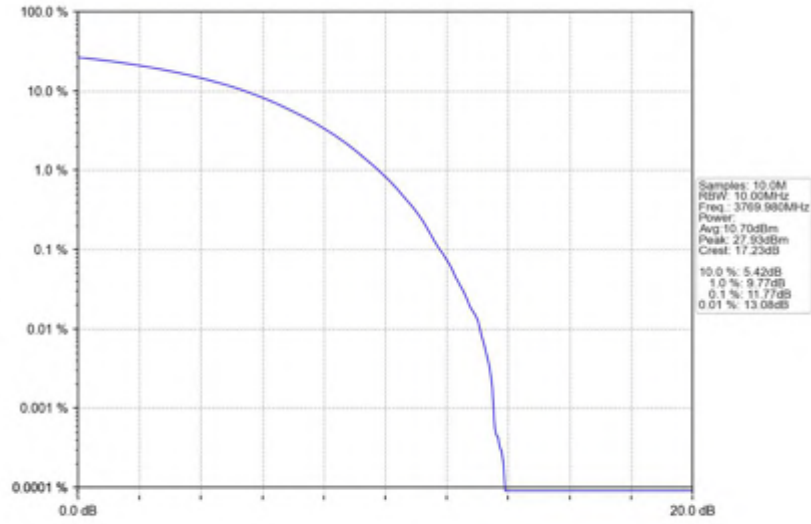


n78(3700-3800MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full





n78(3700-3800MHz) 30kHz SISO NTV 60MHz CP-OFDM 256 QAM 3769.98MHz Outer Full



4.6 30k_SISO_70MHz_NTNV

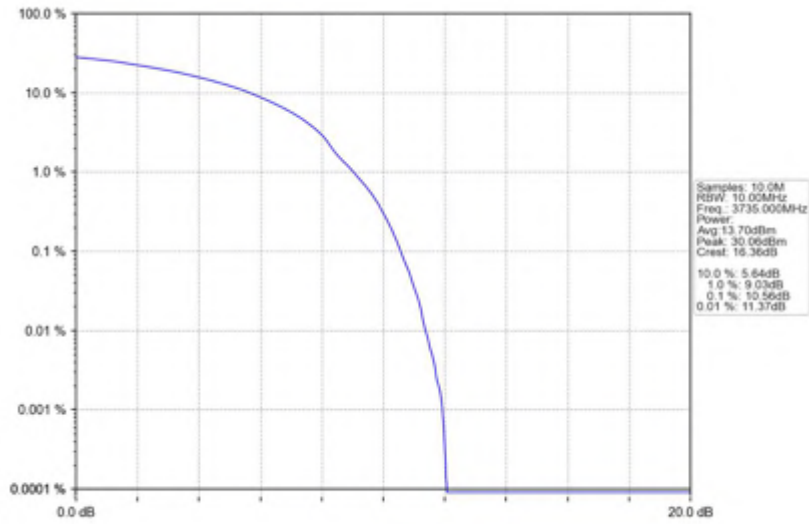
4.6.1 Test Result

5G NR n78(3700-3800MHz) SCS=30kHz SISO 70MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Outer Full	10.56	/	/	<=13	Pass
	3750	Outer Full	10.45	/	/	<=13	Pass
	3765	Outer Full	10.45	/	/	<=13	Pass
DFT-s-OFDM QPSK	3735	Outer Full	11.30	/	/	<=13	Pass
	3750	Outer Full	10.90	/	/	<=13	Pass
	3765	Outer Full	11.40	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3735	Outer Full	11.42	/	/	<=13	Pass
	3750	Outer Full	11.52	/	/	<=13	Pass
	3765	Outer Full	11.38	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3735	Outer Full	11.07	/	/	<=13	Pass
	3750	Outer Full	11.10	/	/	<=13	Pass
	3765	Outer Full	11.02	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3735	Outer Full	11.03	/	/	<=13	Pass
	3750	Outer Full	11.10	/	/	<=13	Pass
	3765	Outer Full	11.21	/	/	<=13	Pass
CP-OFDM QPSK	3735	Outer Full	11.86	/	/	<=13	Pass
	3750	Outer Full	11.76	/	/	<=13	Pass
	3765	Outer Full	11.85	/	/	<=13	Pass
CP-OFDM 16 QAM	3735	Outer Full	11.67	/	/	<=13	Pass
	3750	Outer Full	12.00	/	/	<=13	Pass
	3765	Outer Full	11.78	/	/	<=13	Pass
CP-OFDM 64 QAM	3735	Outer Full	11.29	/	/	<=13	Pass
	3750	Outer Full	11.64	/	/	<=13	Pass
	3765	Outer Full	11.56	/	/	<=13	Pass
CP-OFDM 256 QAM	3735	Outer Full	12.07	/	/	<=13	Pass
	3750	Outer Full	11.67	/	/	<=13	Pass
	3765	Outer Full	11.79	/	/	<=13	Pass

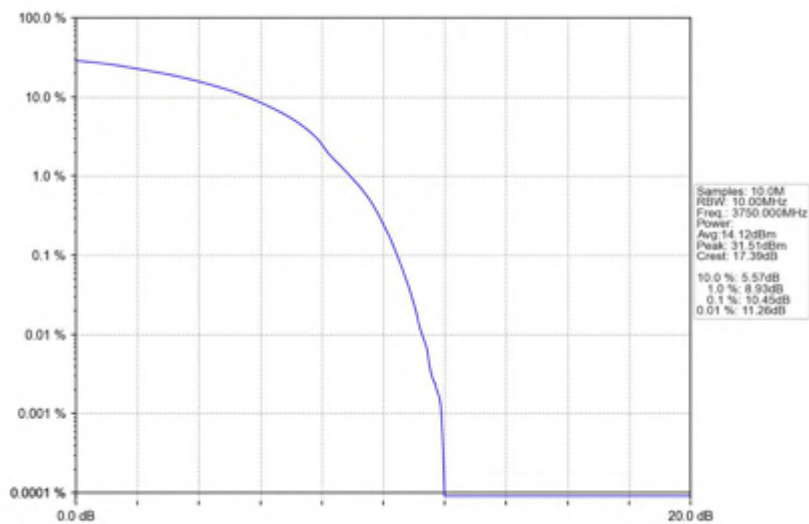


4.6.2 Test Graph

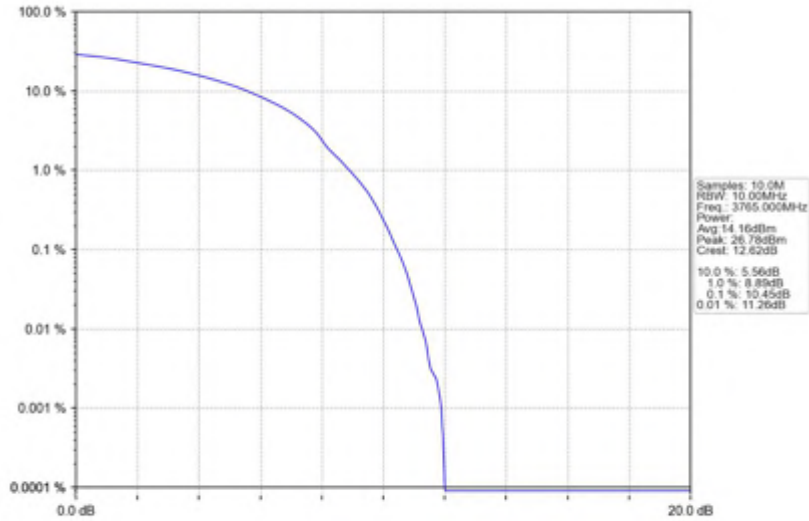
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3735MHz_Outer_Full



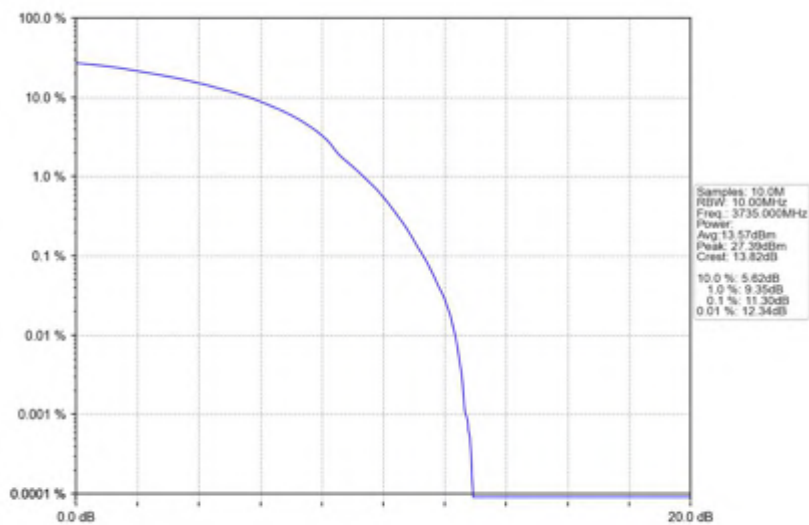
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



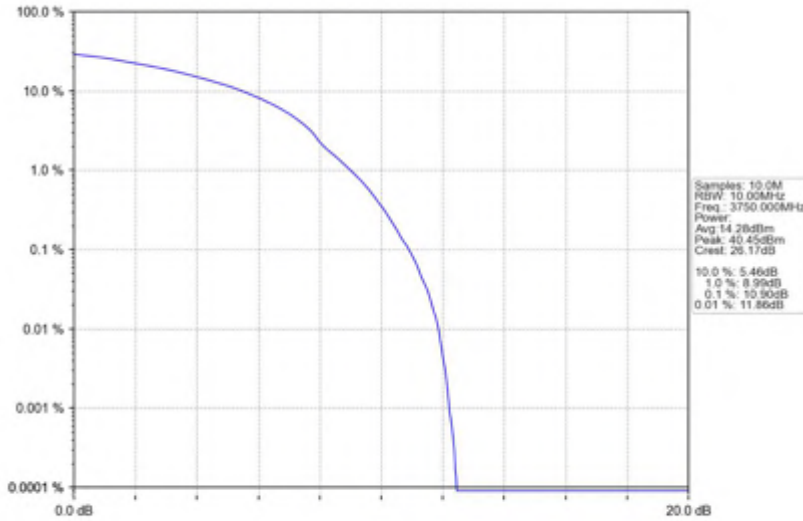
n78(3700-3800MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3765MHz Outer Full



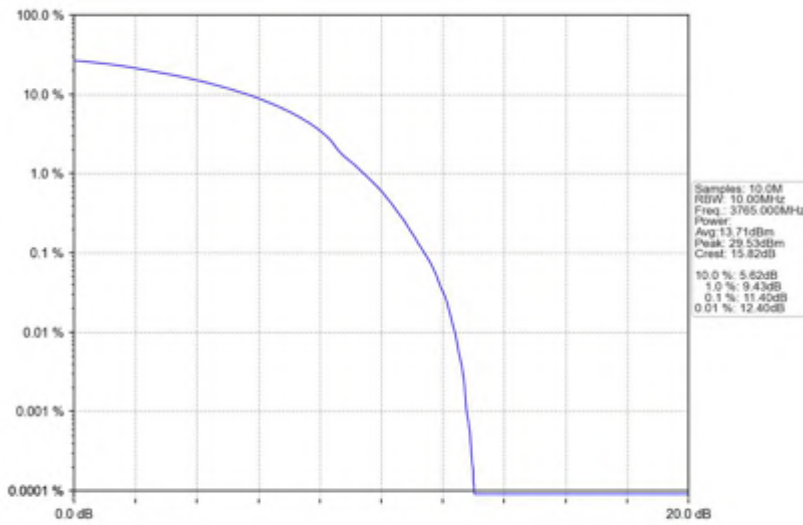
n78(3700-3800MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3735MHz Outer Full



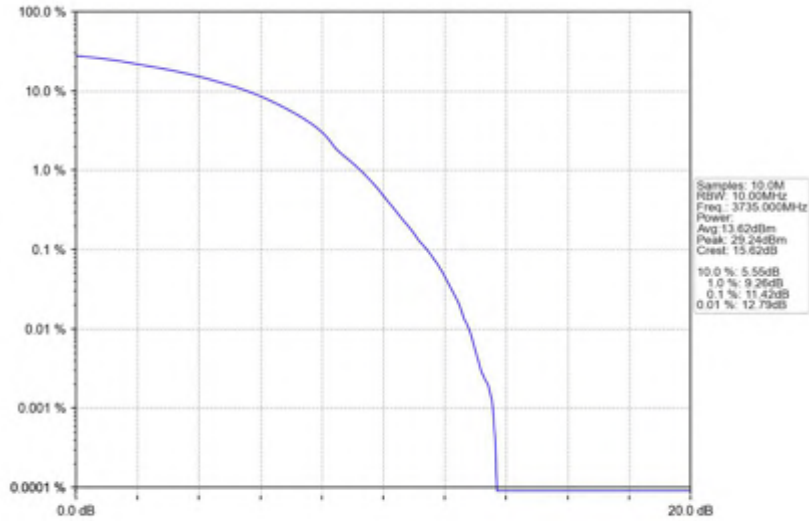
n78(3700-3800MHz) 30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full



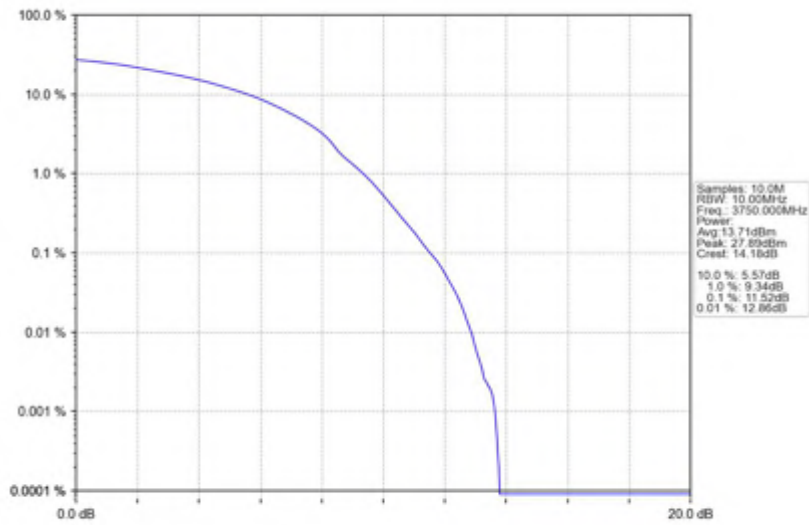
n78(3700-3800MHz) 30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3765MHz_Outer_Full



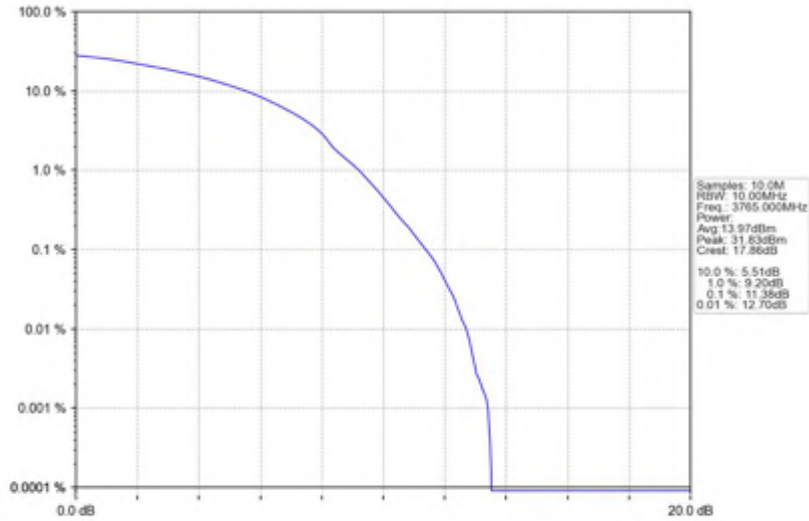
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3735MHz_Outer_Full



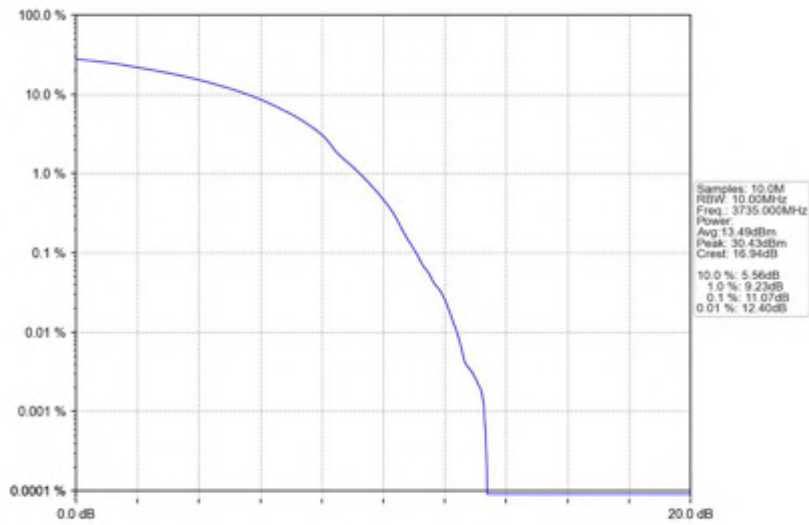
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



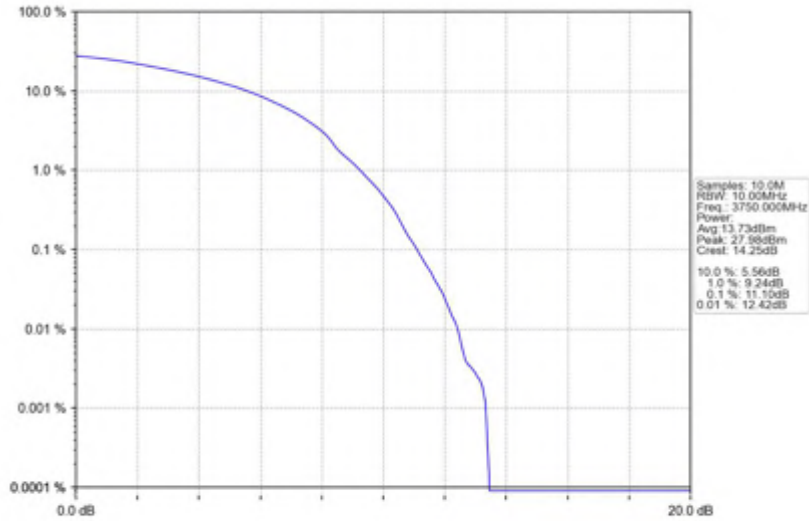
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3765MHz_Outer_Full



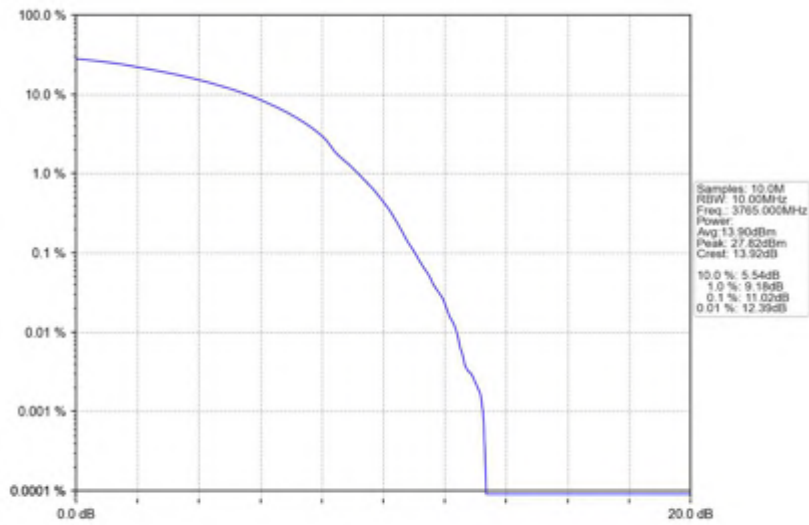
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3735MHz_Outer_Full



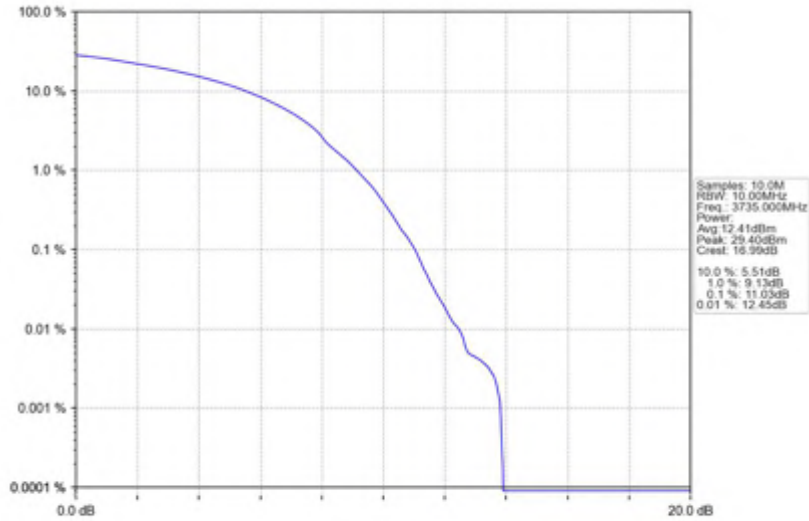
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



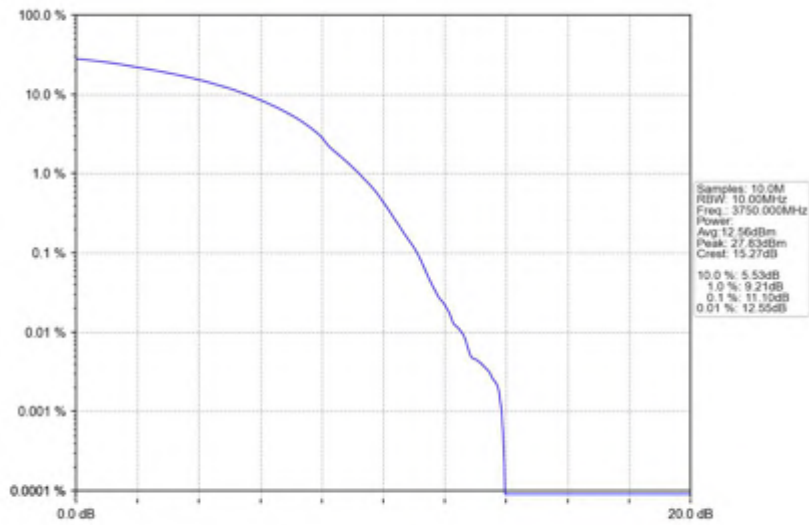
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3765MHz_Outer_Full



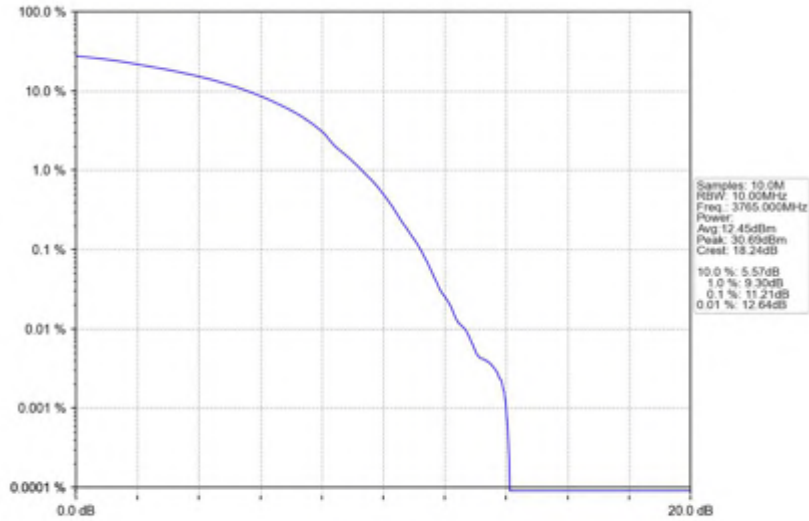
n78(3700-3800MHz) 30kHz SISO NTV 70MHz DFT-s-OFDM 256 QAM 3735MHz Outer Full



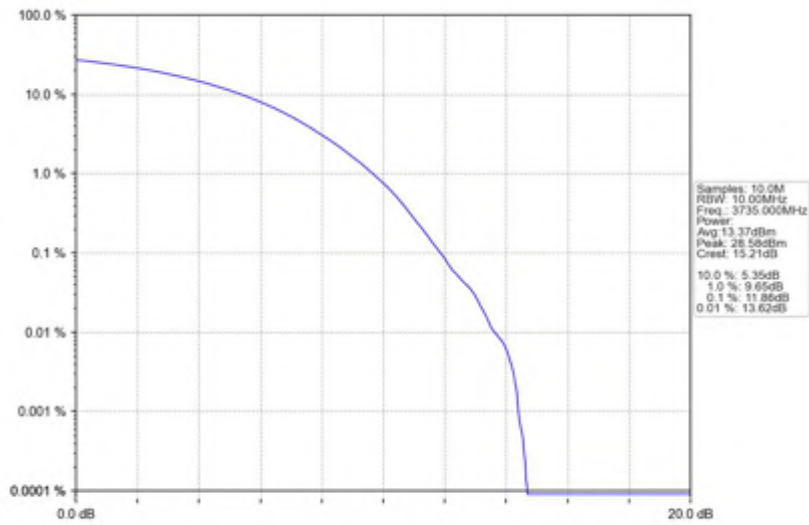
n78(3700-3800MHz) 30kHz SISO NTV 70MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



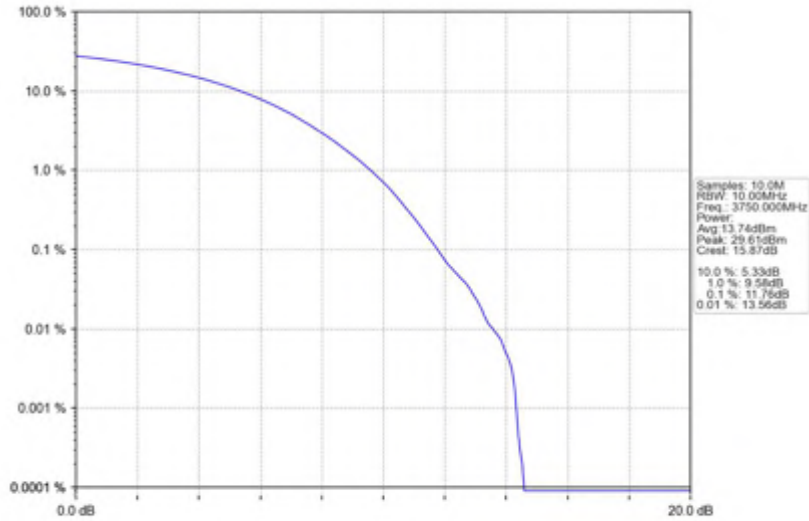
n78(3700-3800MHz) 30kHz SISO NTV 70MHz DFT-s-OFDM 256 QAM 3765MHz Outer Full



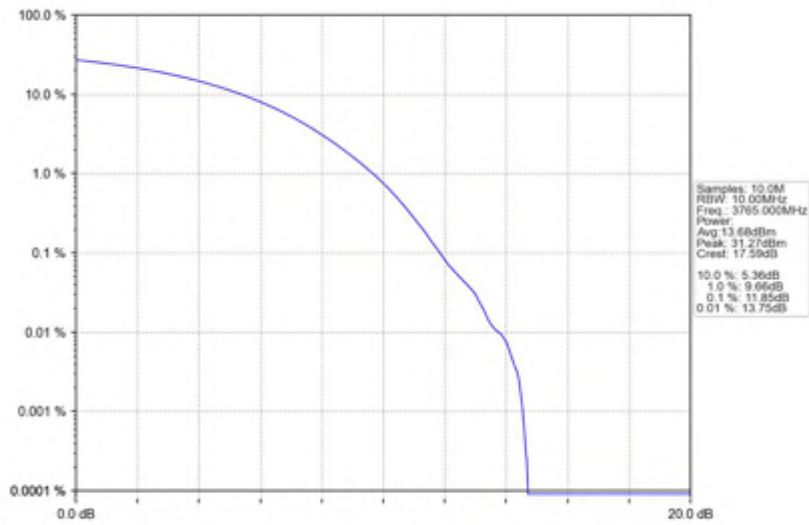
n78(3700-3800MHz) 30kHz SISO NTV 70MHz CP-OFDM QPSK 3735MHz Outer Full



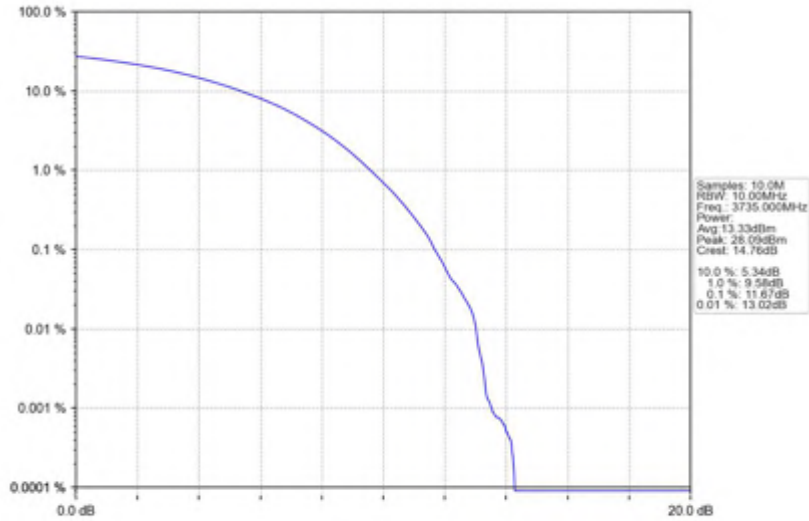
n78(3700-3800MHz) 30kHz SISO NTV 70MHz CP-OFDM QPSK 3750MHz Outer Full



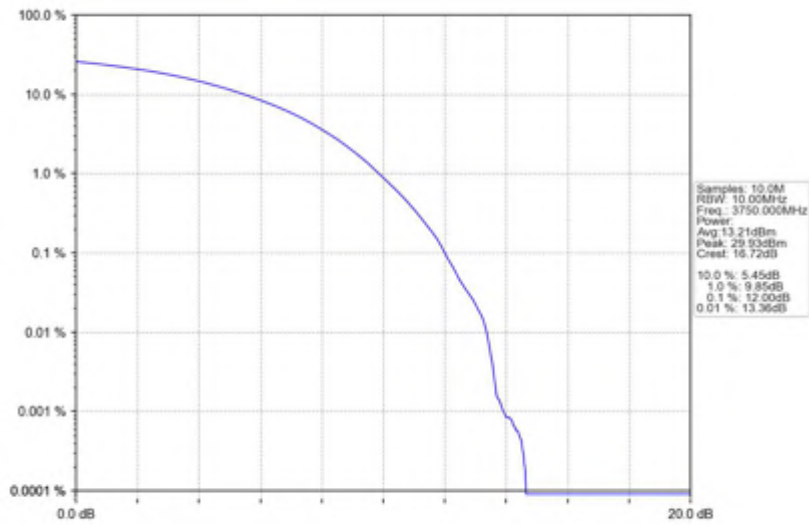
n78(3700-3800MHz) 30kHz SISO NTV 70MHz CP-OFDM QPSK 3765MHz Outer Full



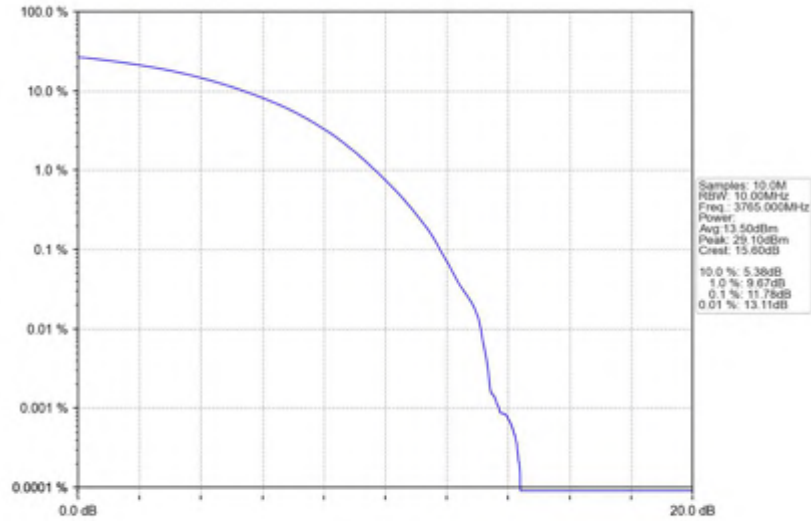
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_16_QAM_3735MHz_Outer_Full



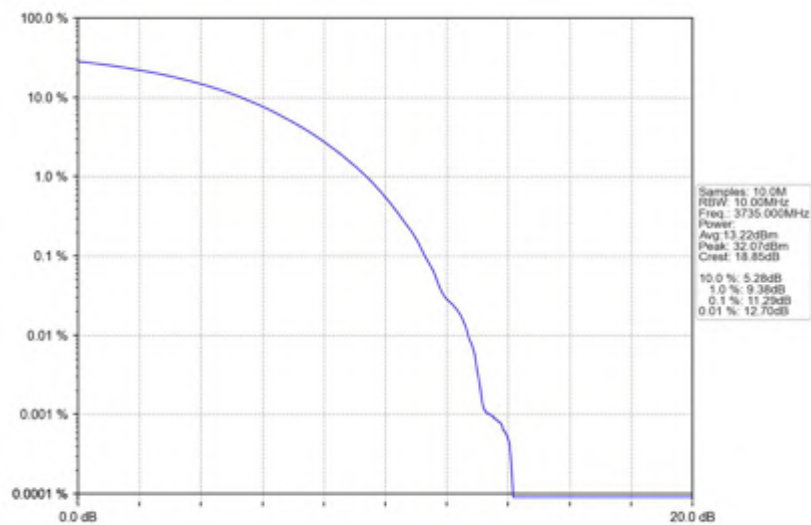
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



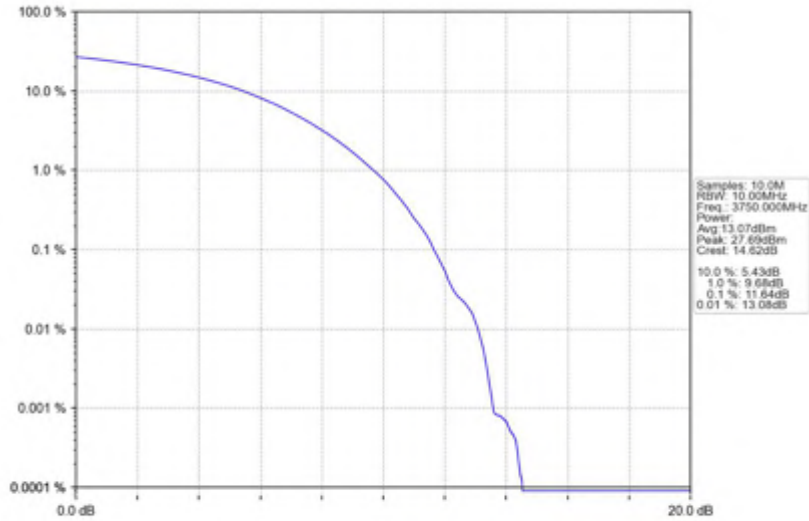
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_16_QAM_3765MHz_Outer_Full



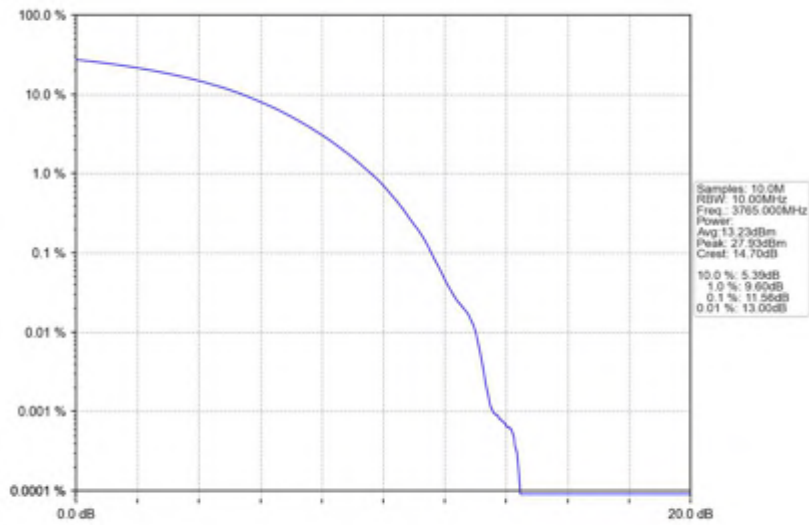
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3735MHz_Outer_Full



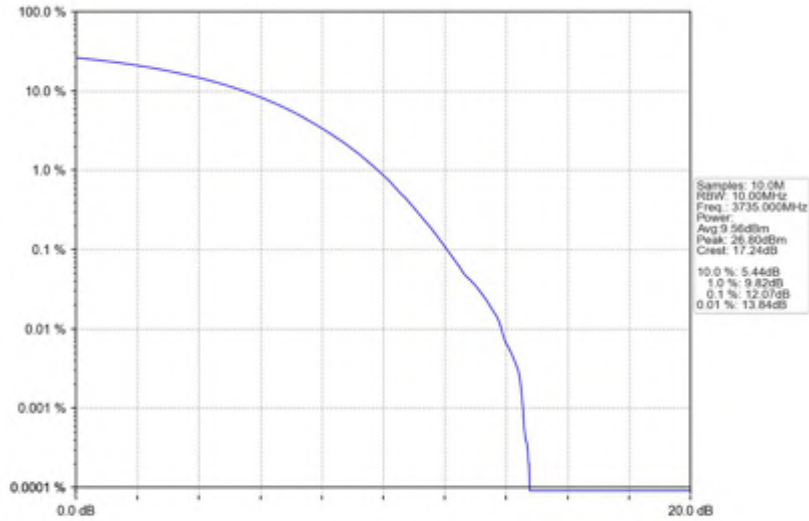
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



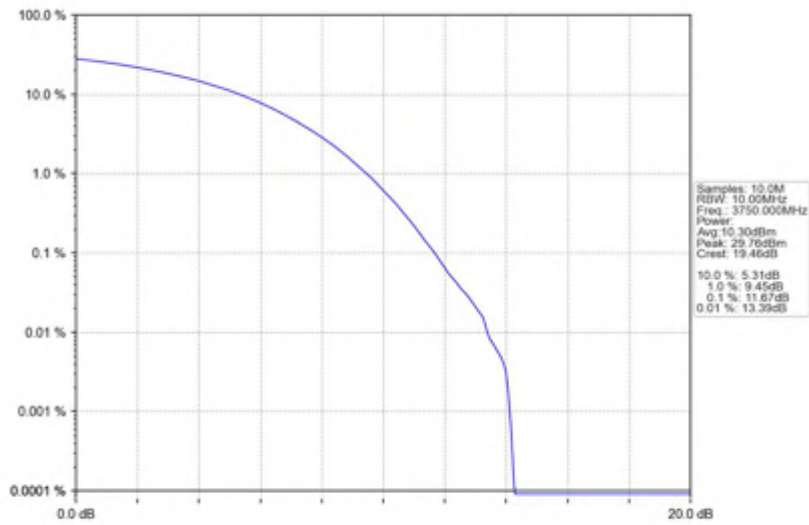
n78(3700-3800MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3765MHz_Outer_Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3735MHz_Outer_Full

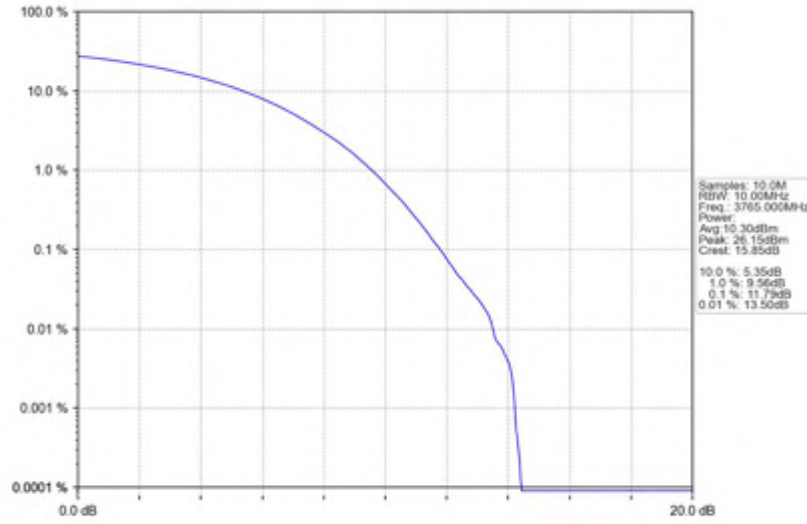


n78(3700-3800MHz) 30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full





n78(3700-3800MHz) 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3765MHz Outer Full



4.7 30k_SISO_80MHz_NTNV

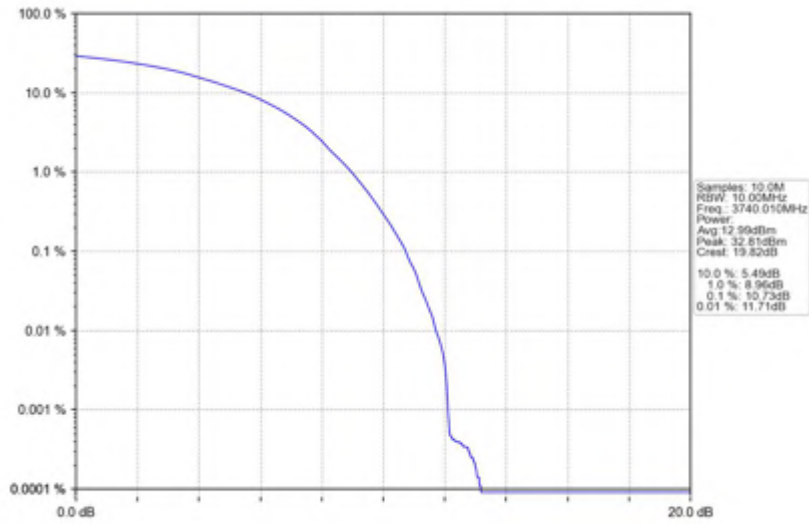
4.7.1 Test Result

5G NR n78(3700-3800MHz) 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	10.73	/	/	<=13	Pass
	3750	Outer Full	10.77	/	/	<=13	Pass
	3759.99	Outer Full	10.71	/	/	<=13	Pass
DFT-s-OFDM QPSK	3740.01	Outer Full	11.12	/	/	<=13	Pass
	3750	Outer Full	11.13	/	/	<=13	Pass
	3759.99	Outer Full	11.15	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer Full	11.76	/	/	<=13	Pass
	3750	Outer Full	11.64	/	/	<=13	Pass
	3759.99	Outer Full	11.42	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer Full	11.33	/	/	<=13	Pass
	3750	Outer Full	11.38	/	/	<=13	Pass
	3759.99	Outer Full	11.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer Full	11.41	/	/	<=13	Pass
	3750	Outer Full	11.31	/	/	<=13	Pass
	3759.99	Outer Full	11.47	/	/	<=13	Pass
CP-OFDM QPSK	3740.01	Outer Full	11.78	/	/	<=13	Pass
	3750	Outer Full	11.85	/	/	<=13	Pass
	3759.99	Outer Full	11.57	/	/	<=13	Pass
CP-OFDM 16 QAM	3740.01	Outer Full	11.65	/	/	<=13	Pass
	3750	Outer Full	11.69	/	/	<=13	Pass
	3759.99	Outer Full	11.62	/	/	<=13	Pass
CP-OFDM 64 QAM	3740.01	Outer Full	11.63	/	/	<=13	Pass
	3750	Outer Full	11.70	/	/	<=13	Pass
	3759.99	Outer Full	11.63	/	/	<=13	Pass
CP-OFDM 256 QAM	3740.01	Outer Full	11.68	/	/	<=13	Pass
	3750	Outer Full	11.65	/	/	<=13	Pass
	3759.99	Outer Full	11.75	/	/	<=13	Pass

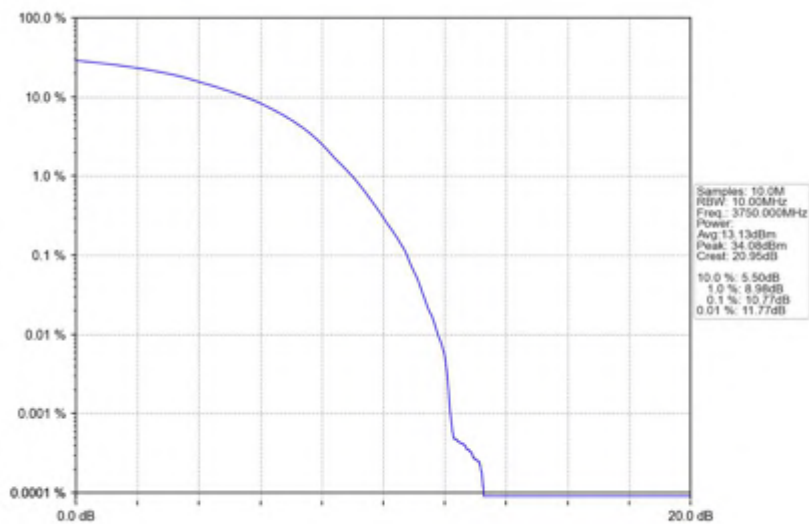


4.7.2 Test Graph

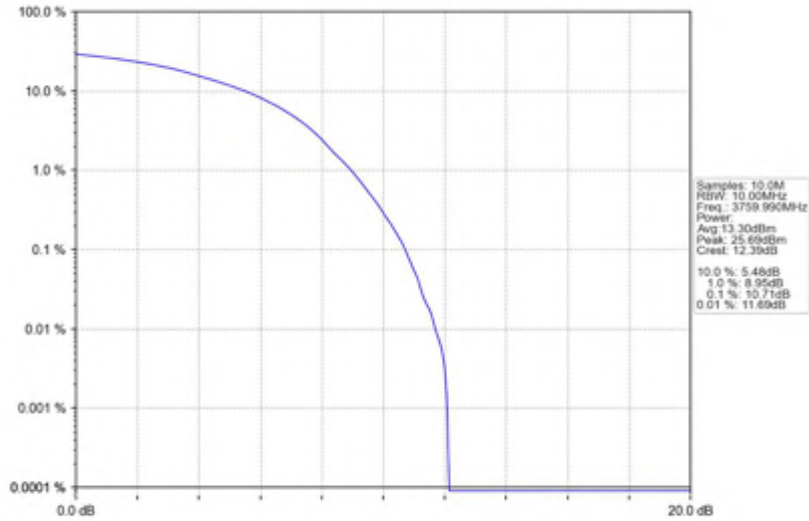
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_PI/2_BPSK_3740.01MHz_Outer_Full



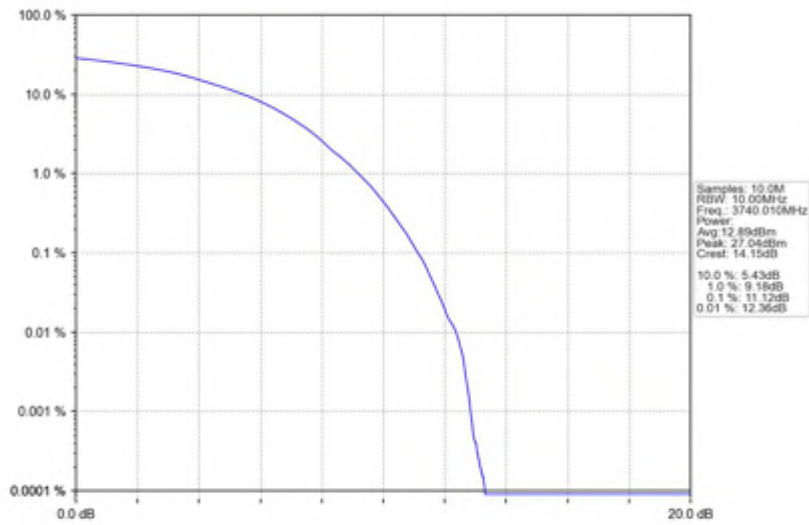
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_PI/2_BPSK_3750MHz_Outer_Full



n78(3700-3800MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3759.99MHz Outer Full

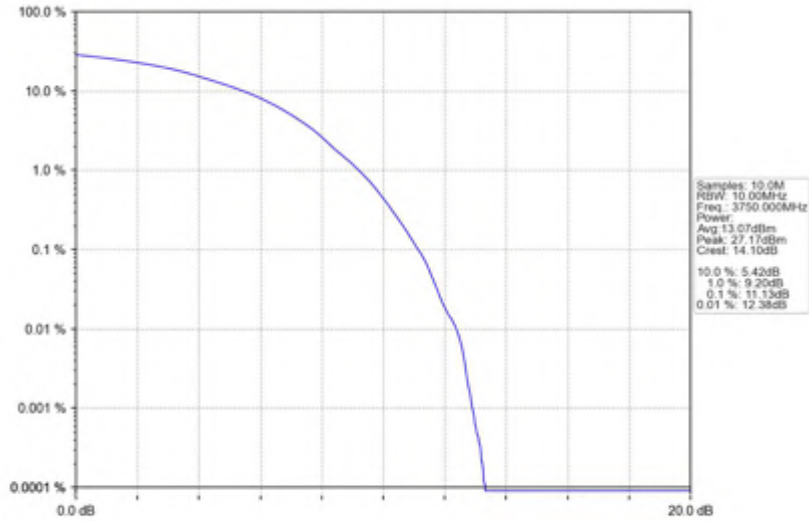


n78(3700-3800MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3740.01MHz Outer Full

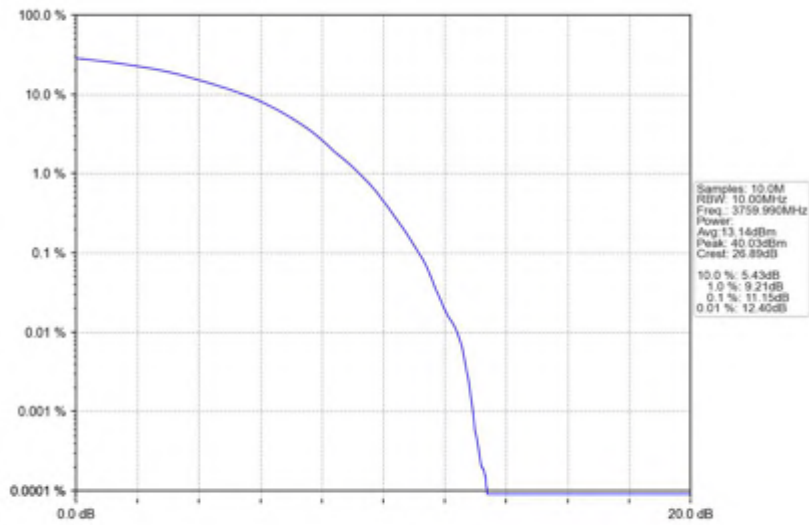




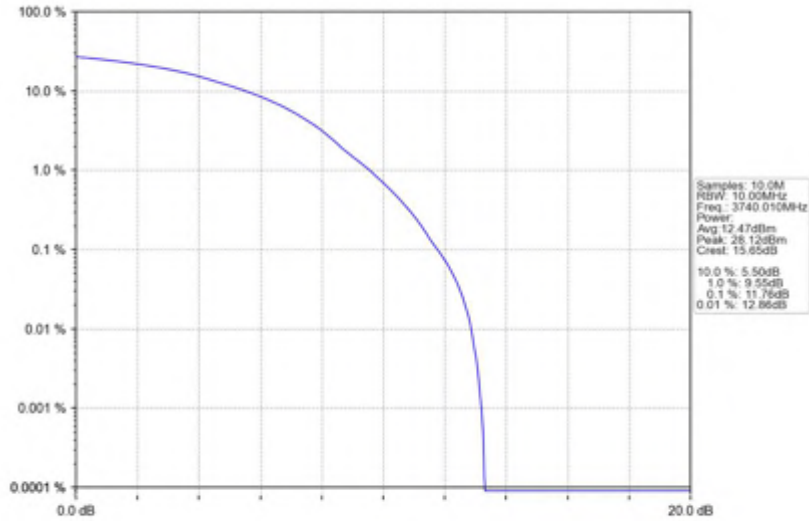
n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full



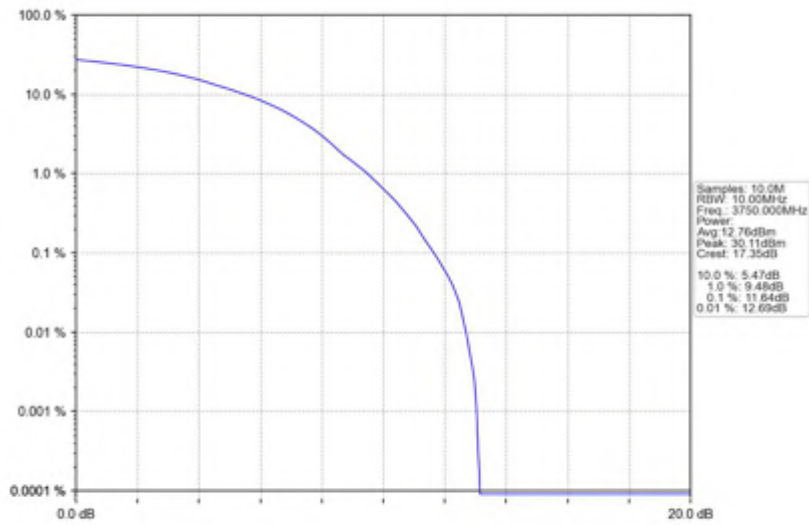
n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3759.99MHz_Outer_Full



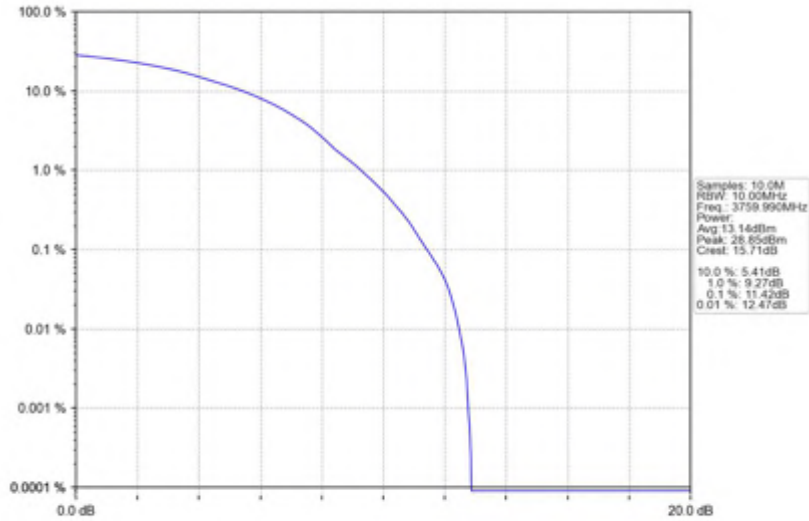
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3740.01MHz_Outer_Full



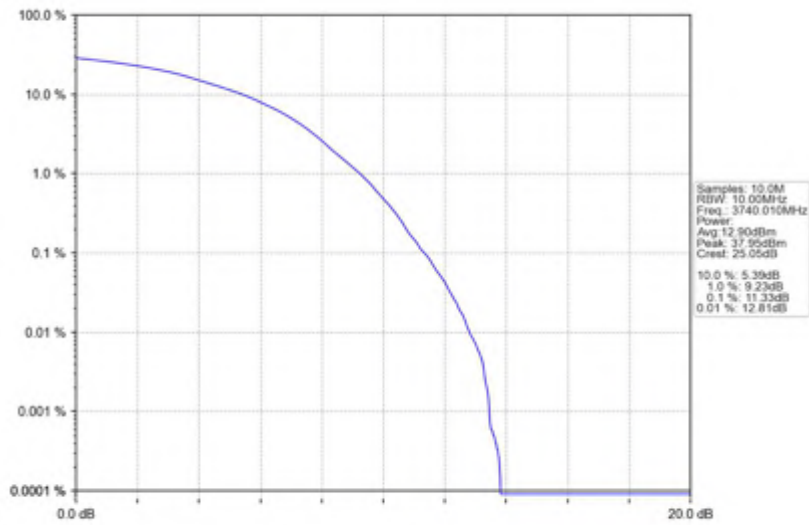
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



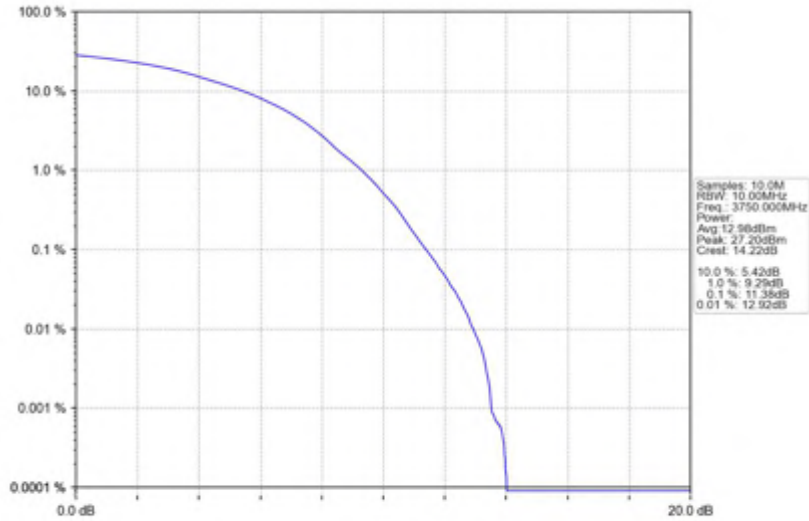
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3759.99MHz_Outer_Full



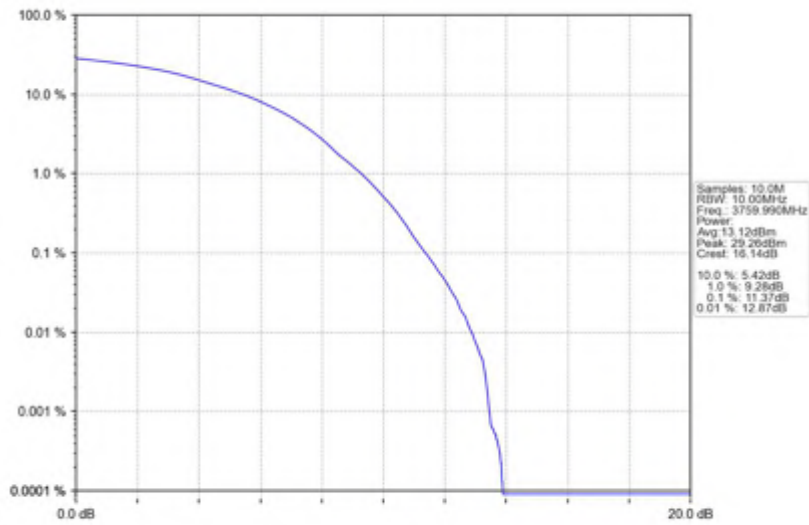
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3740.01MHz_Outer_Full



n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full

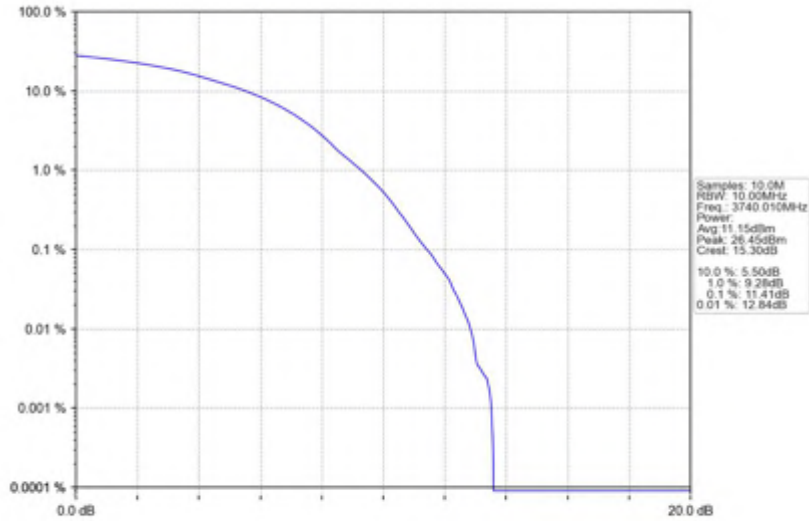


n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3759.99MHz_Outer_Full

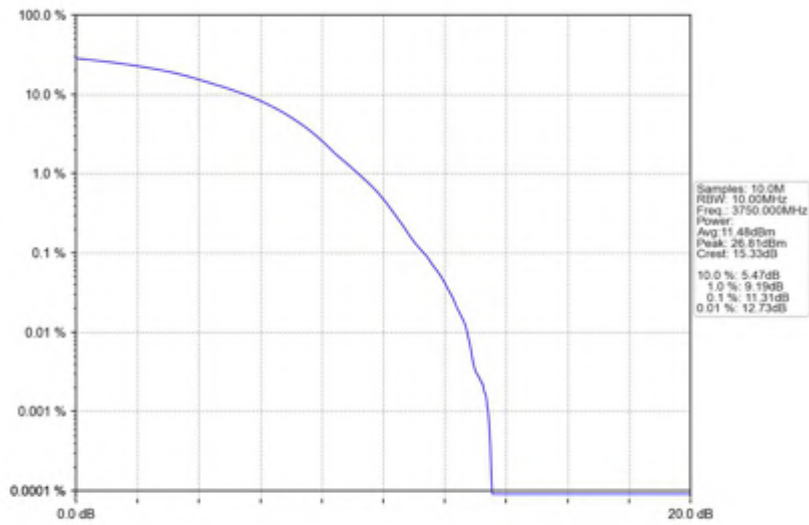




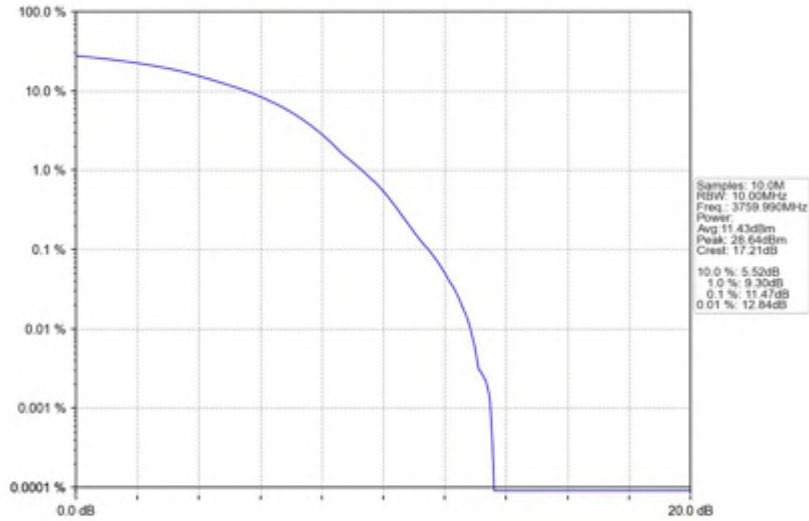
n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3740.01MHz_Outer_Full



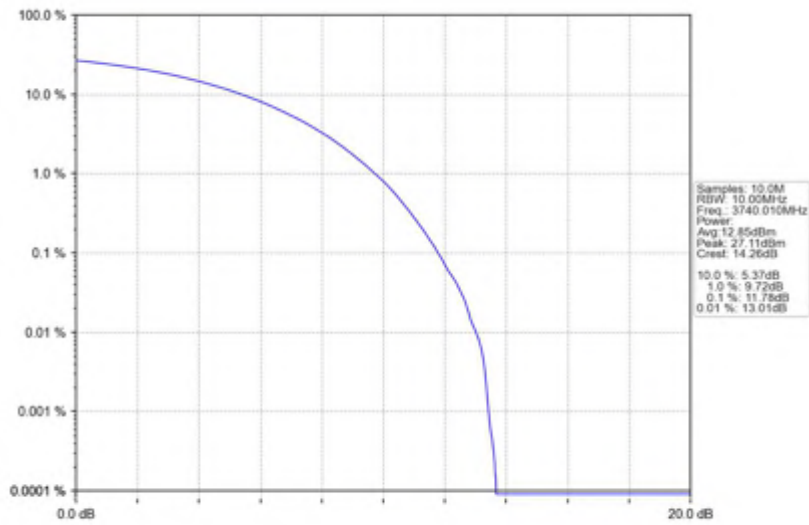
n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



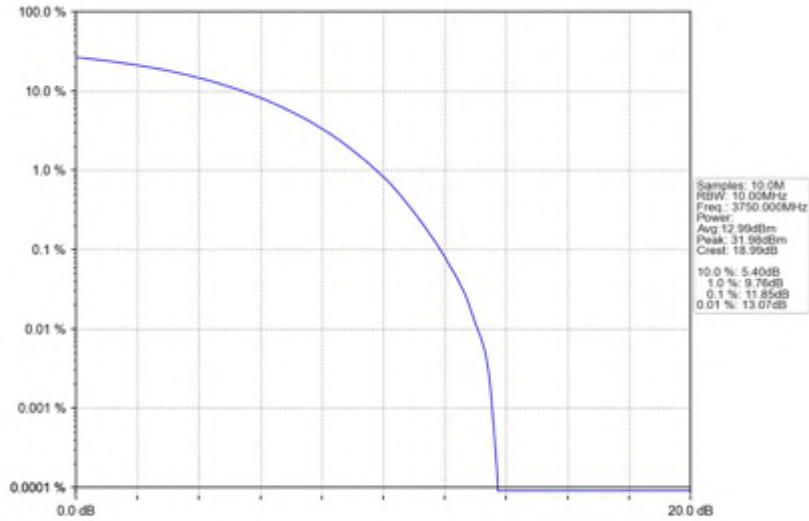
n78(3700-3800MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3759.99MHz Outer Full



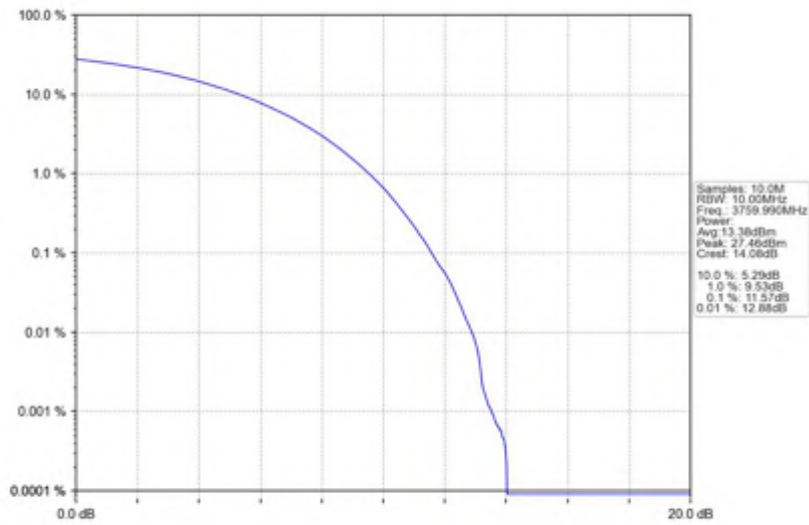
n78(3700-3800MHz) 30kHz SISO NTN 80MHz CP-OFDM QPSK 3740.01MHz Outer Full



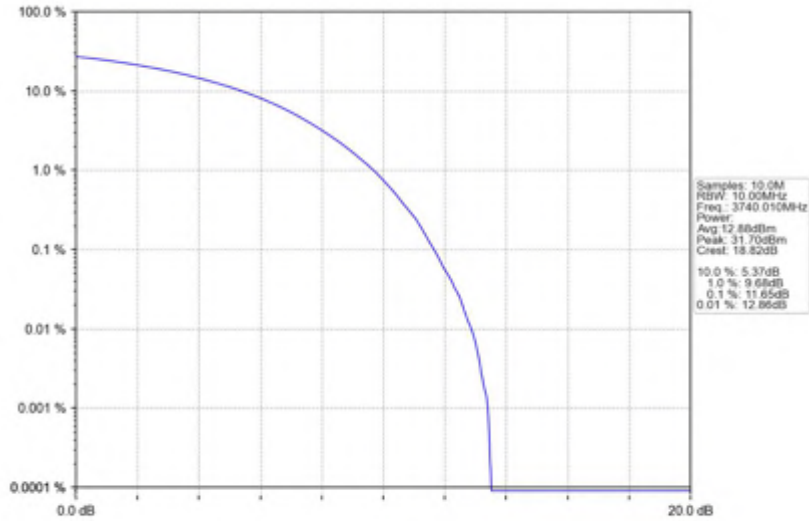
n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3750MHz_Outer_Full



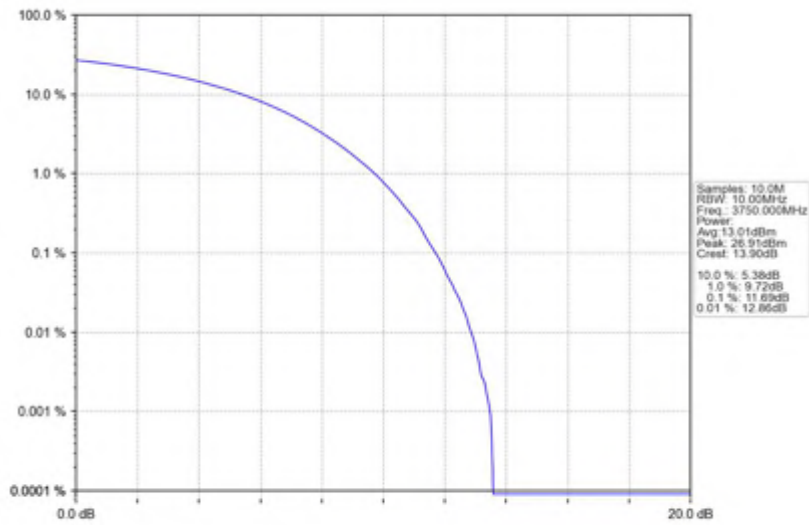
n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3759.99MHz_Outer_Full



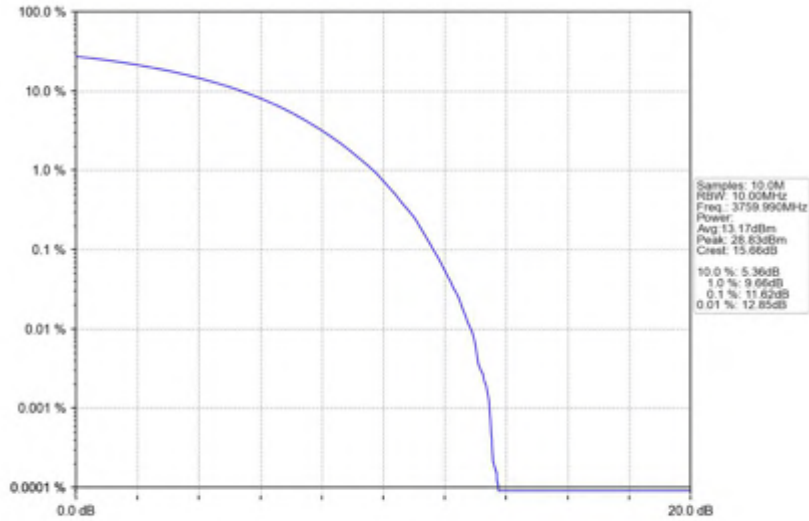
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3740.01MHz_Outer_Full



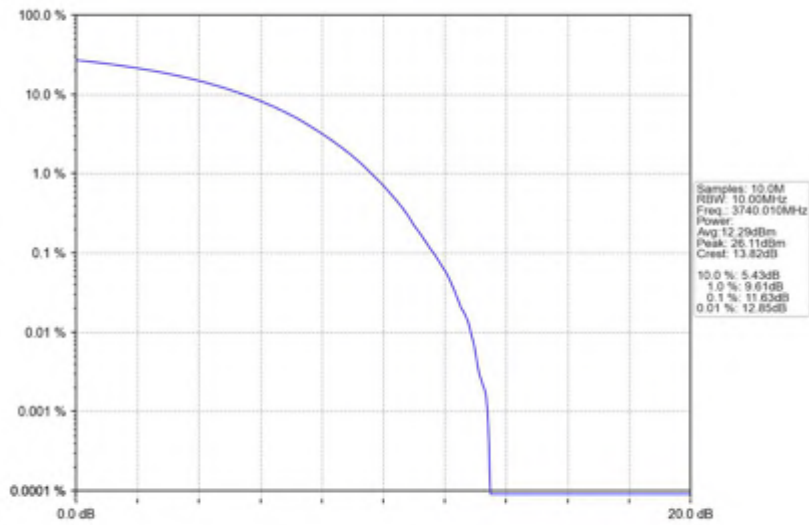
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



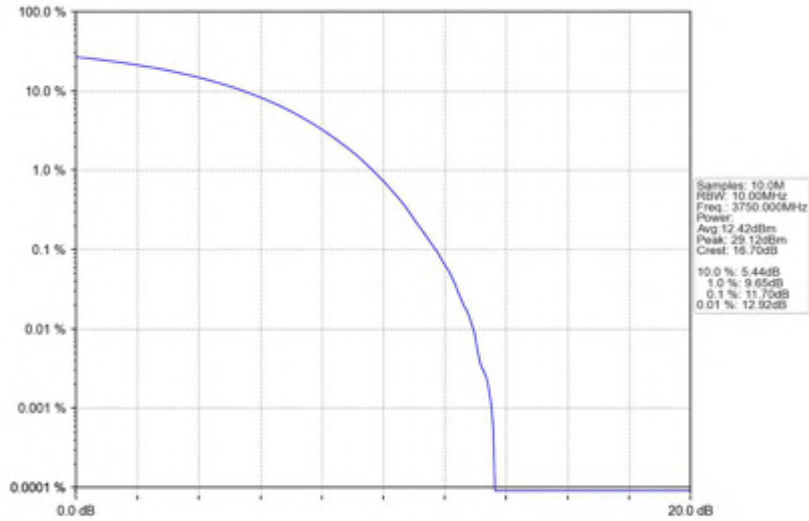
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3759.99MHz_Outer_Full



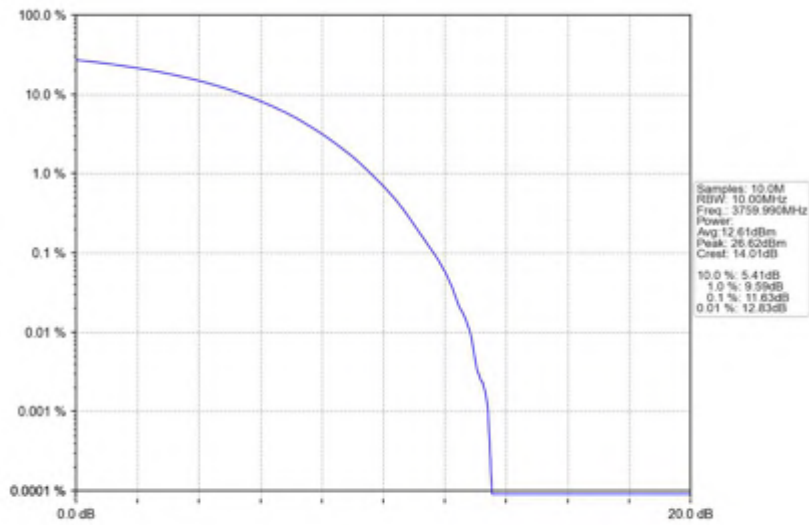
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3740.01MHz_Outer_Full



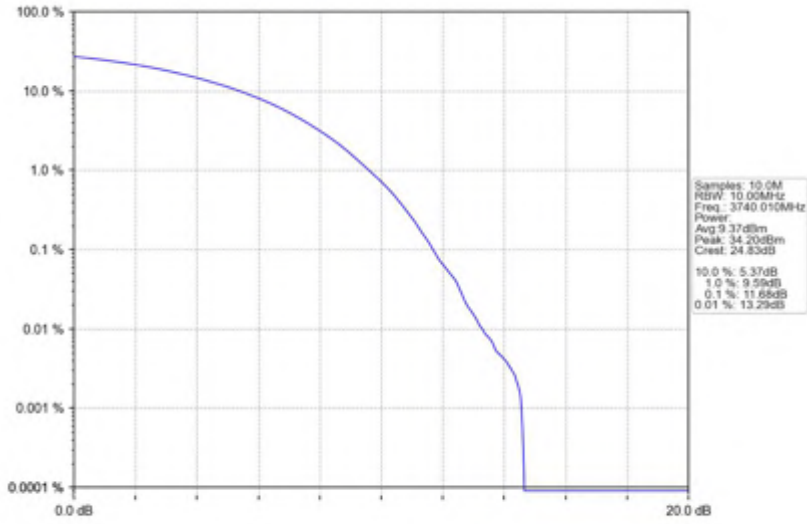
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



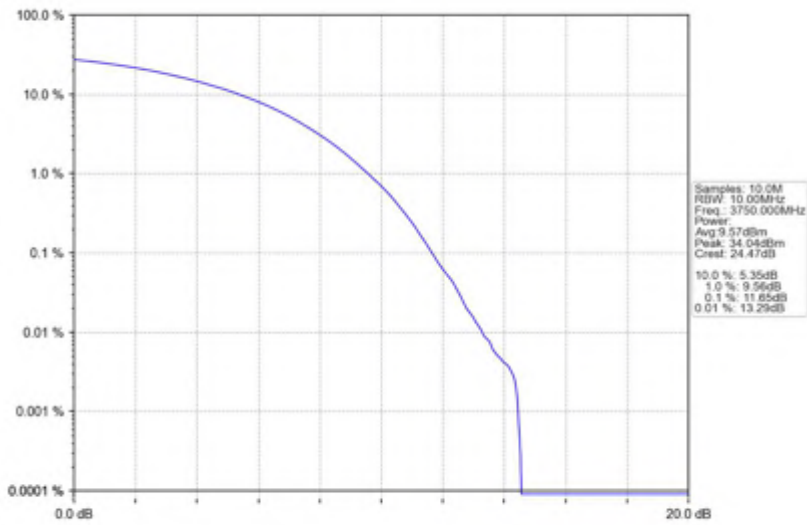
n78(3700-3800MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3759.99MHz_Outer_Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM 3740.01MHz_Outer_Full

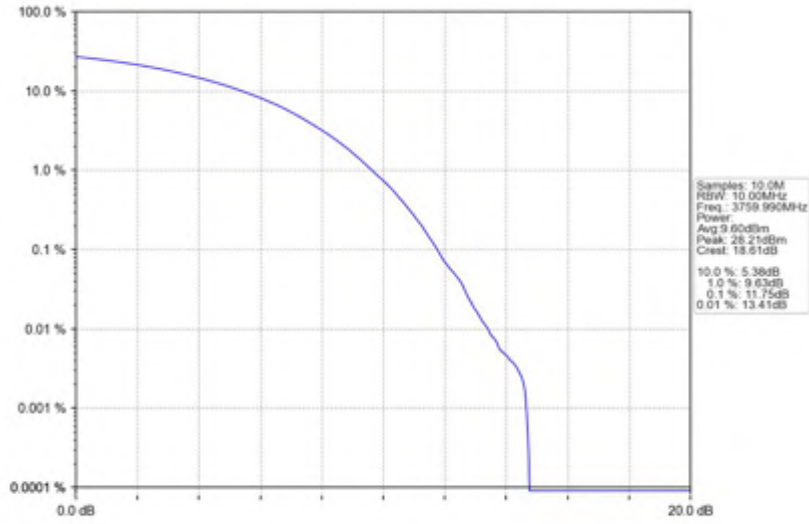


n78(3700-3800MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM 3750MHz_Outer_Full





n78(3700-3800MHz) 30kHz SISO NTV 80MHz CP-OFDM 256 QAM 3759.99MHz Outer Full



4.8 30k_SISO_90MHz_NTNV

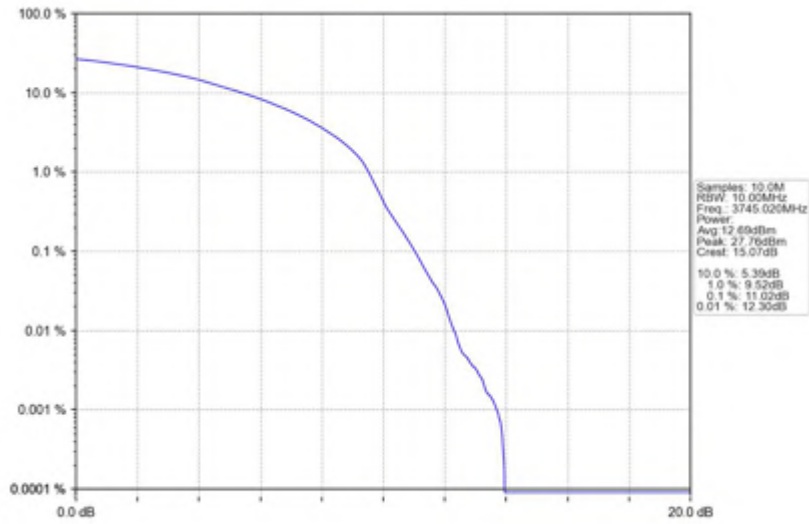
4.8.1 Test Result

5G NR n78(3700-3800MHz) SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Outer Full	11.02	/	/	<=13	Pass
	3750	Outer Full	10.83	/	/	<=13	Pass
	3754.98	Outer Full	11.45	/	/	<=13	Pass
DFT-s-OFDM QPSK	3745.02	Outer Full	10.93	/	/	<=13	Pass
	3750	Outer Full	11.12	/	/	<=13	Pass
	3754.98	Outer Full	11.00	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer Full	11.52	/	/	<=13	Pass
	3750	Outer Full	11.48	/	/	<=13	Pass
	3754.98	Outer Full	11.45	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer Full	11.41	/	/	<=13	Pass
	3750	Outer Full	11.25	/	/	<=13	Pass
	3754.98	Outer Full	11.23	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer Full	11.24	/	/	<=13	Pass
	3750	Outer Full	11.09	/	/	<=13	Pass
	3754.98	Outer Full	11.28	/	/	<=13	Pass
CP-OFDM QPSK	3745.02	Outer Full	11.92	/	/	<=13	Pass
	3750	Outer Full	11.67	/	/	<=13	Pass
	3754.98	Outer Full	11.76	/	/	<=13	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	11.77	/	/	<=13	Pass
	3750	Outer Full	11.64	/	/	<=13	Pass
	3754.98	Outer Full	12.11	/	/	<=13	Pass
CP-OFDM 64 QAM	3745.02	Outer Full	11.98	/	/	<=13	Pass
	3750	Outer Full	11.56	/	/	<=13	Pass
	3754.98	Outer Full	11.73	/	/	<=13	Pass
CP-OFDM 256 QAM	3745.02	Outer Full	11.86	/	/	<=13	Pass
	3750	Outer Full	11.52	/	/	<=13	Pass
	3754.98	Outer Full	11.63	/	/	<=13	Pass

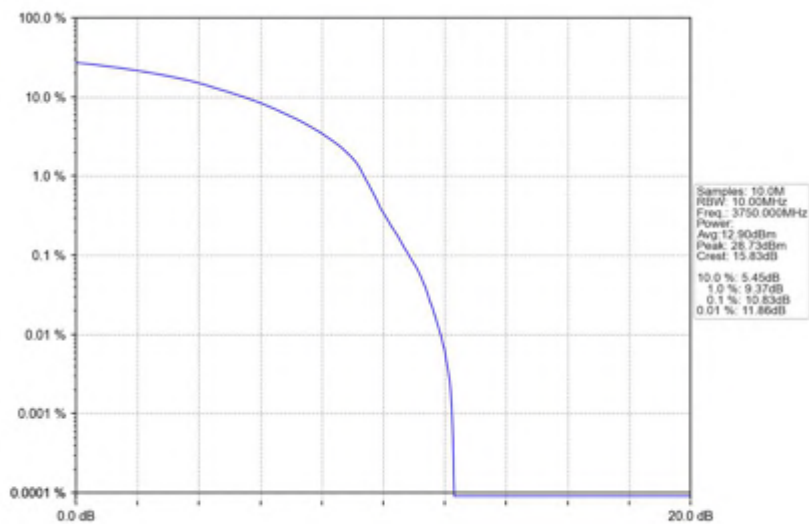


4.8.2 Test Graph

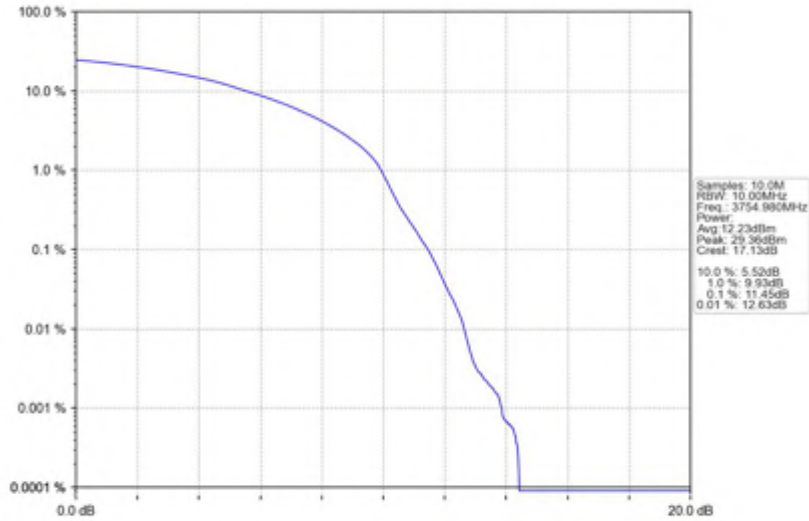
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3745.02MHz_Outer_Full



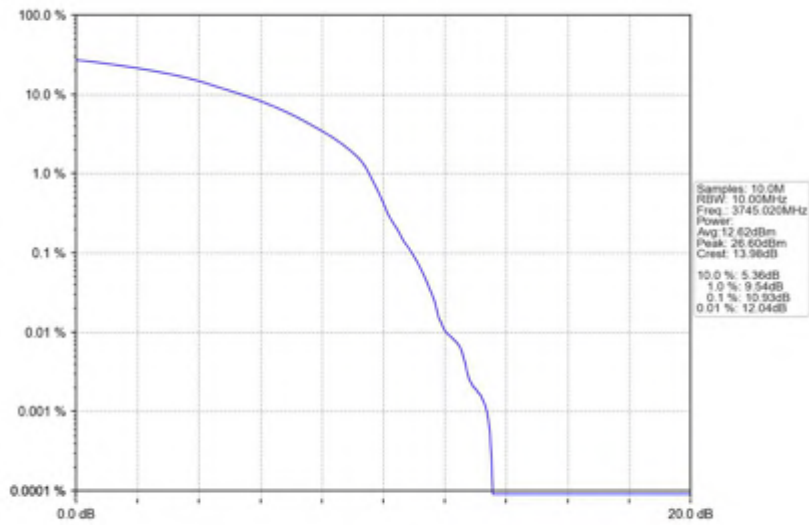
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



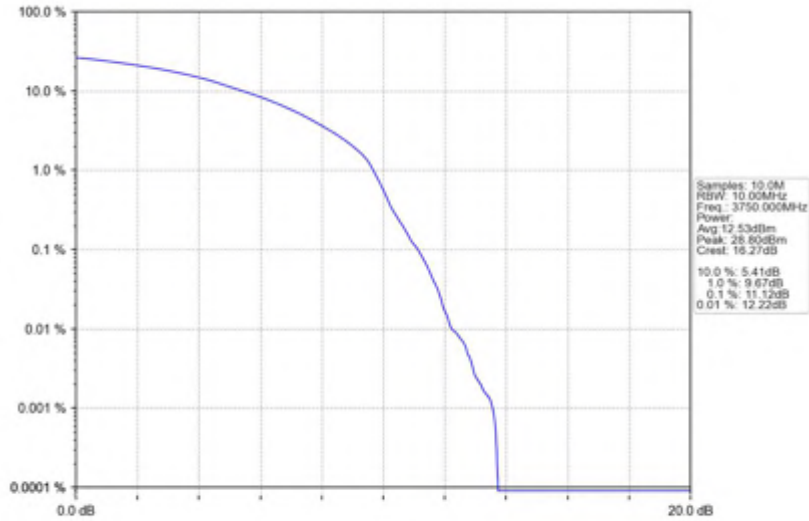
n78(3700-3800MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3754.98MHz Outer Full



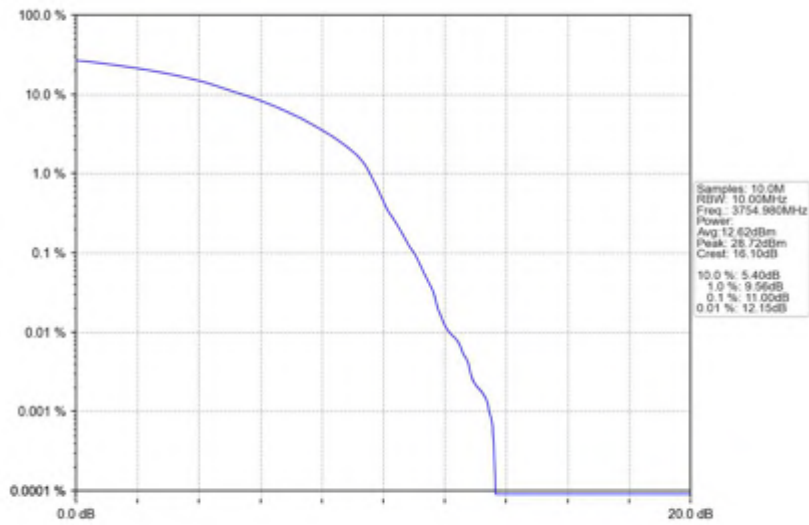
n78(3700-3800MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3745.02MHz Outer Full



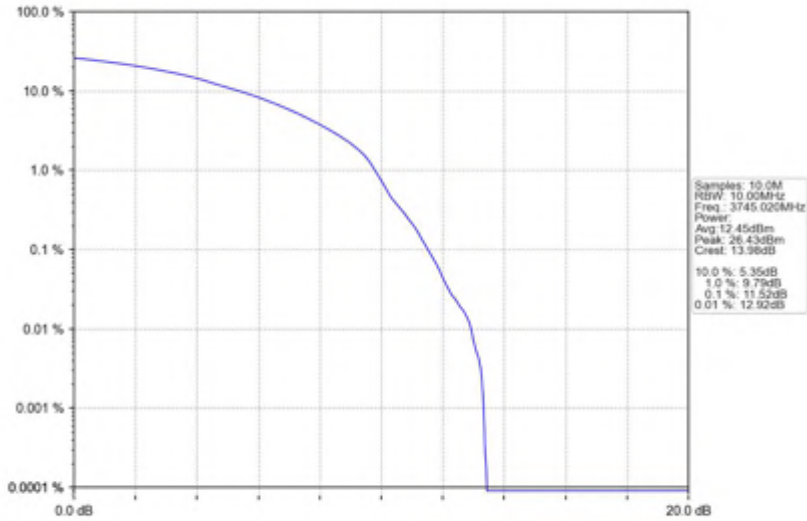
n78(3700-3800MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3750MHz Outer Full



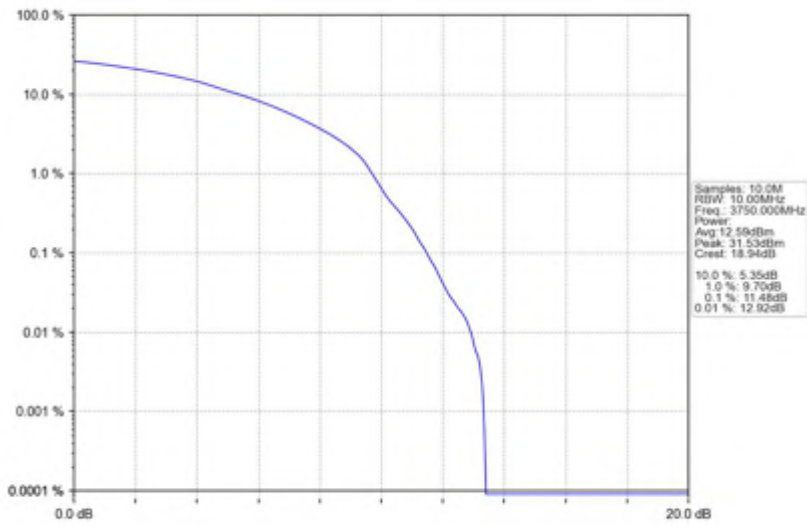
n78(3700-3800MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3754.98MHz Outer Full



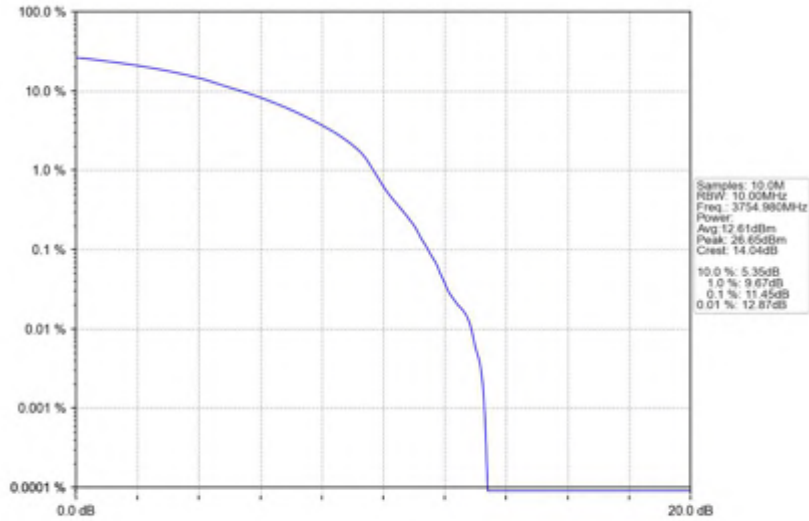
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3745.02MHz_Outer_Full



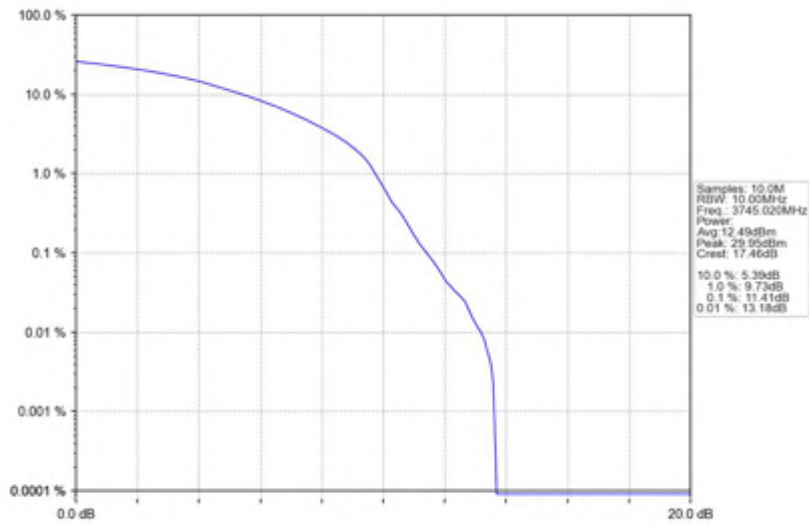
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



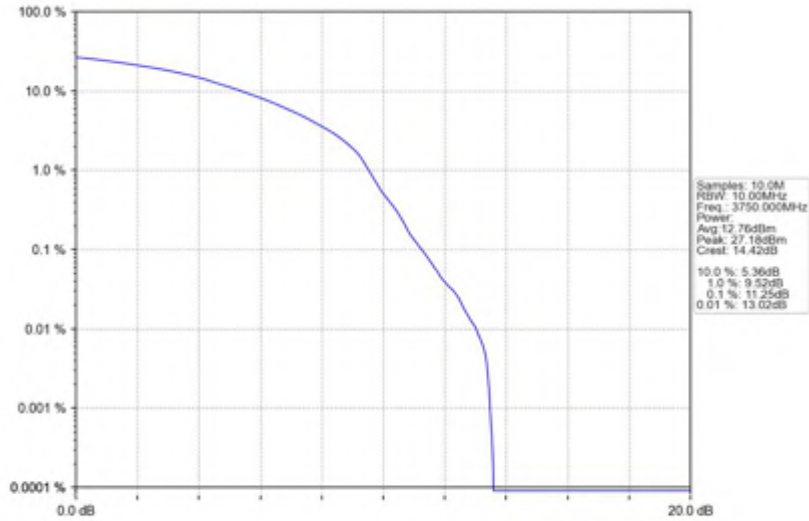
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3754.98MHz_Outer_Full



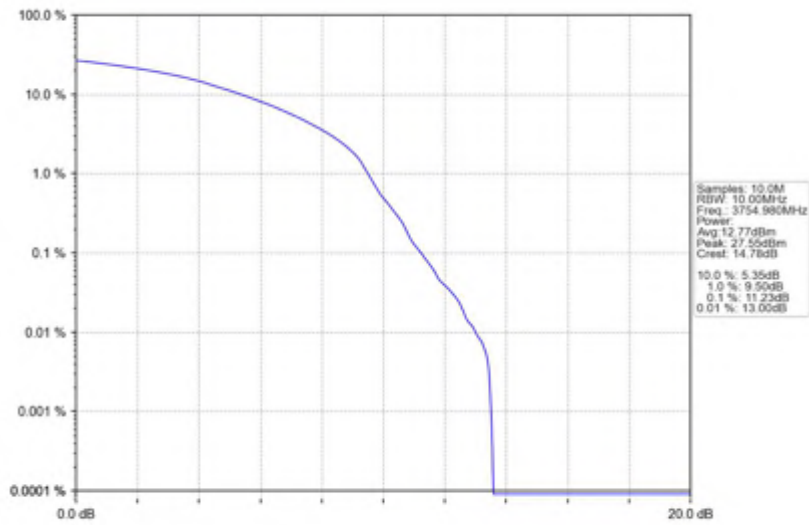
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3745.02MHz_Outer_Full



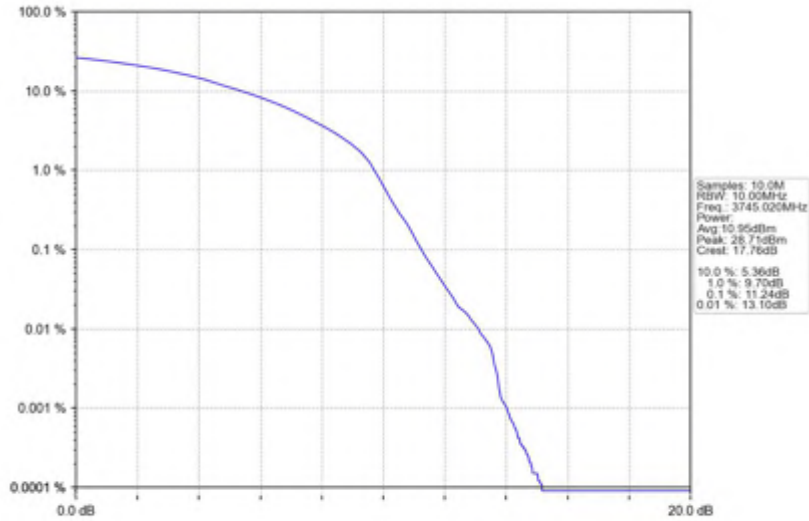
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



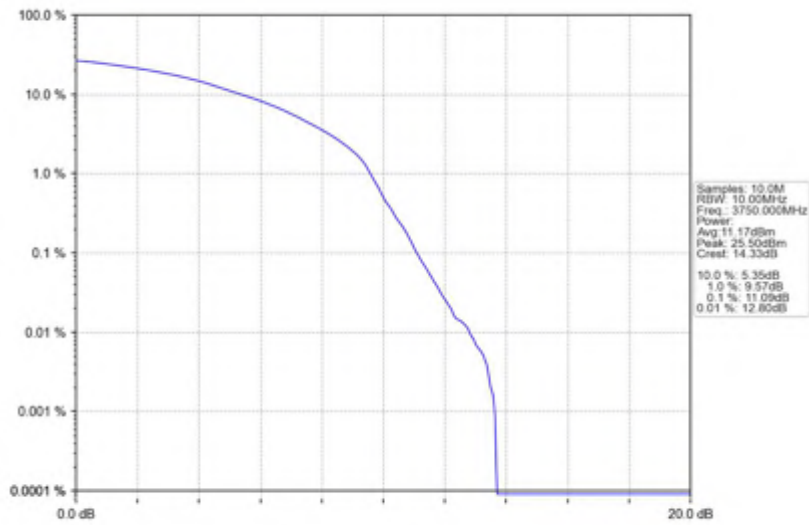
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3754.98MHz_Outer_Full



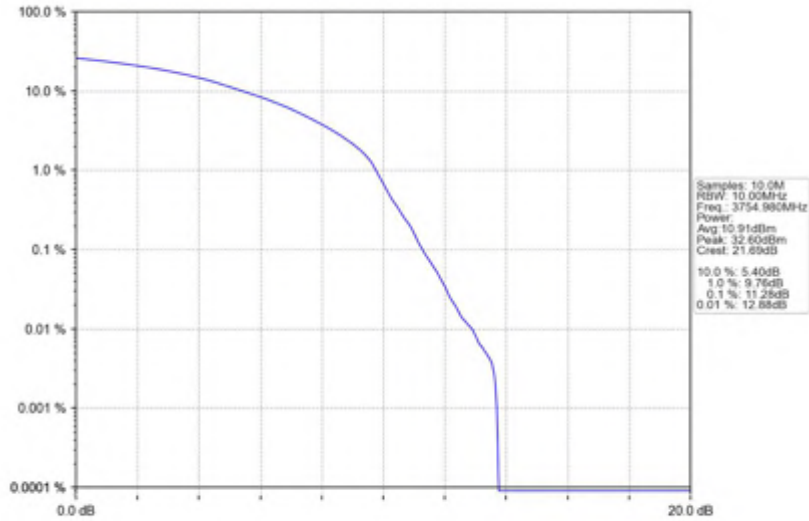
n78(3700-3800MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3745.02MHz_Outer_Full



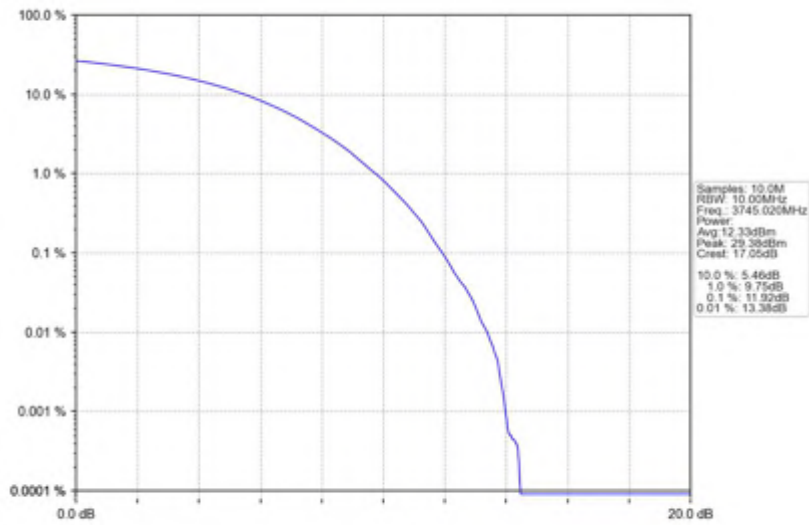
n78(3700-3800MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full



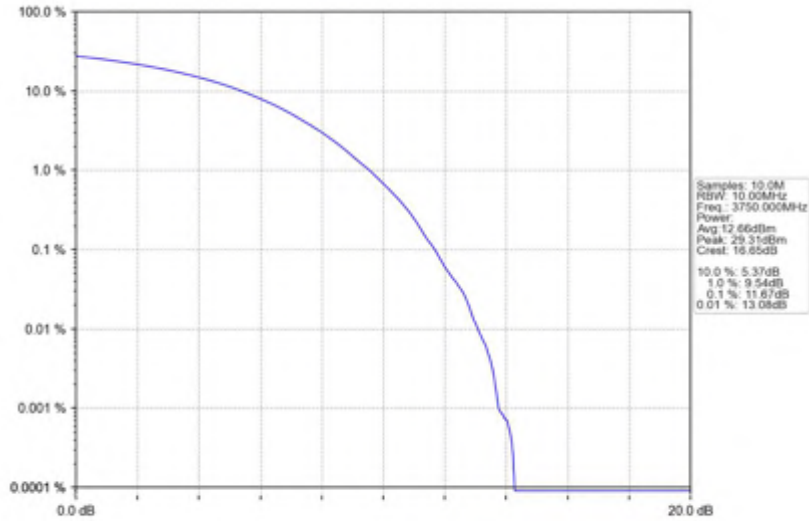
n78(3700-3800MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3754.98MHz Outer Full



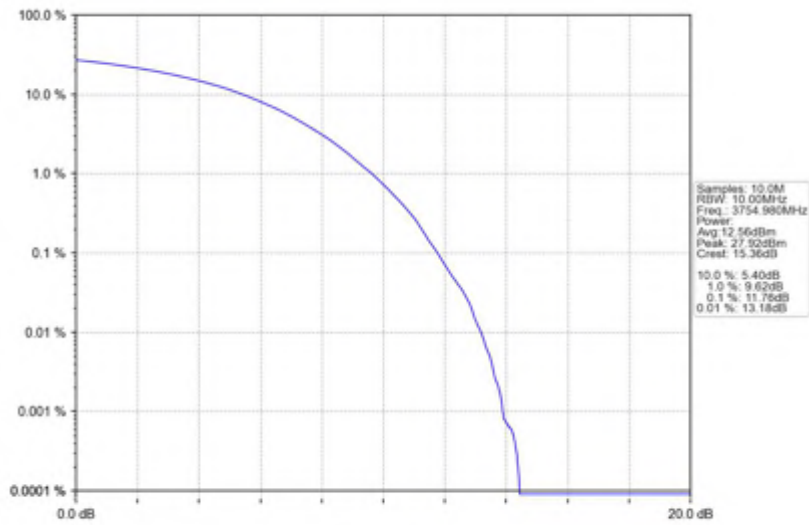
n78(3700-3800MHz) 30kHz SISO NTN 90MHz CP-OFDM QPSK 3745.02MHz Outer Full



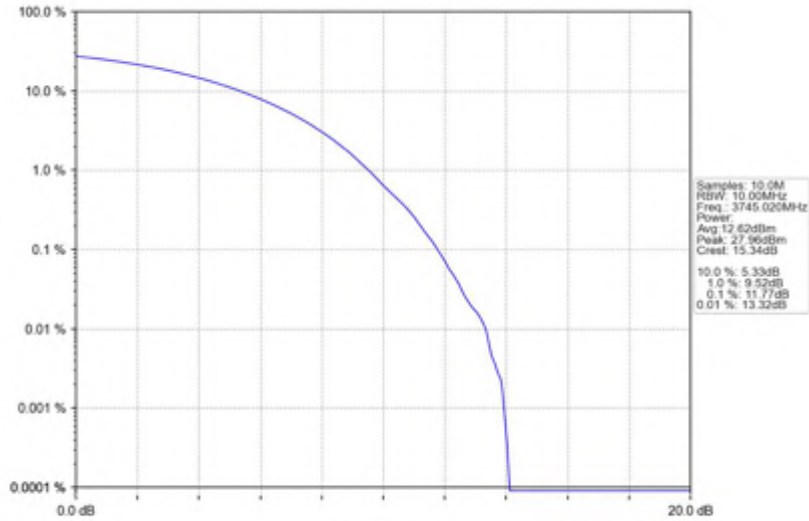
n78(3700-3800MHz) 30kHz SISO NTN 90MHz CP-OFDM QPSK 3750MHz Outer Full



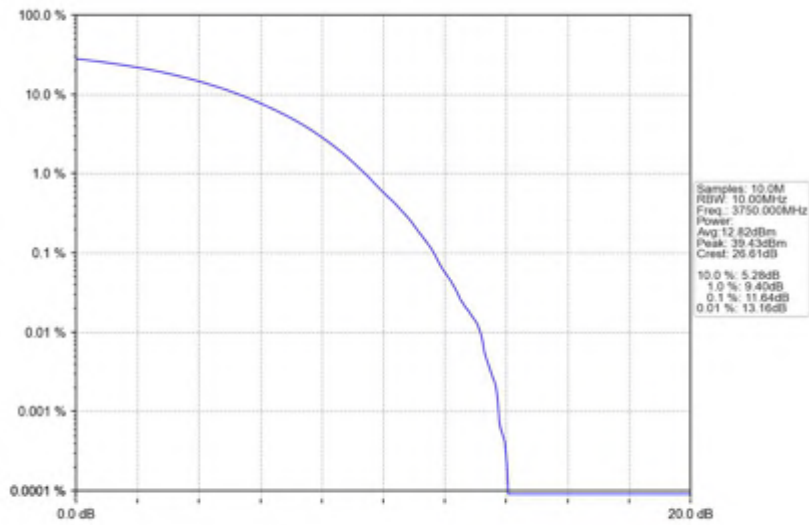
n78(3700-3800MHz) 30kHz SISO NTN 90MHz CP-OFDM QPSK 3754.98MHz Outer Full



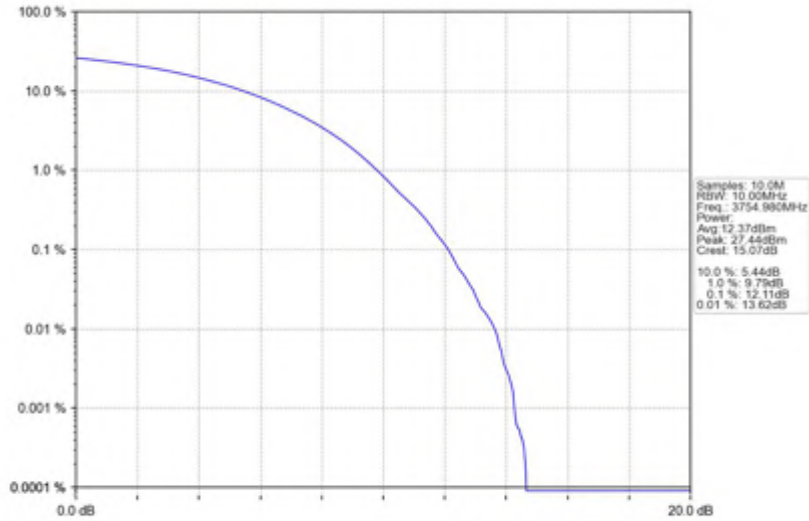
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_16_QAM_3745.02MHz_Outer_Full



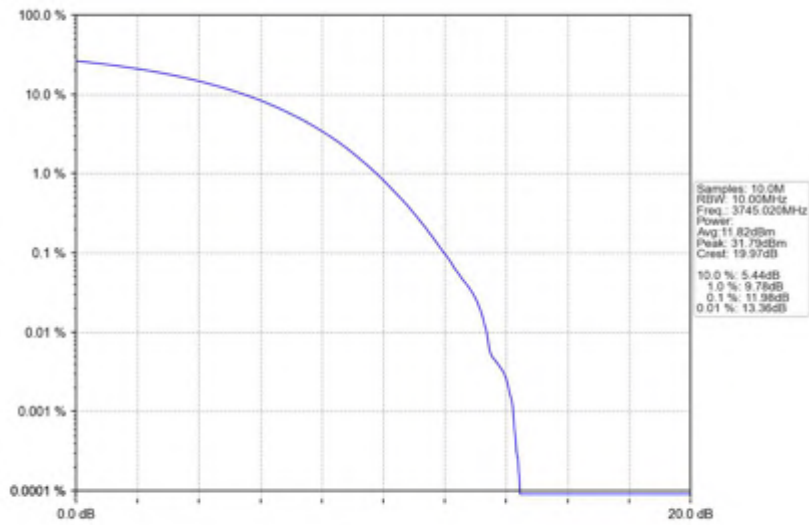
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



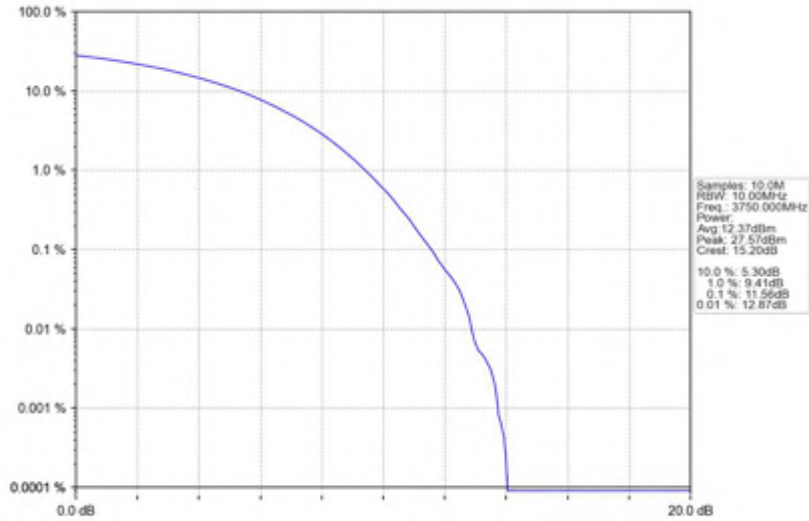
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_16_QAM_3754.98MHz_Outer_Full



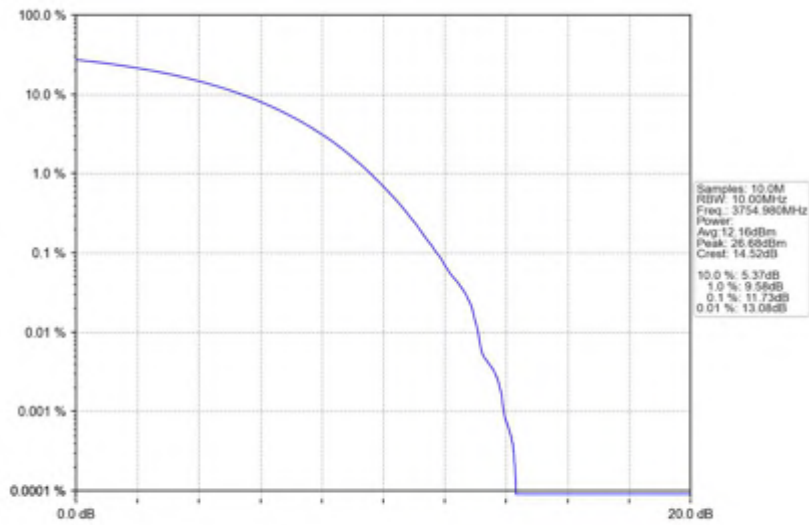
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3745.02MHz_Outer_Full



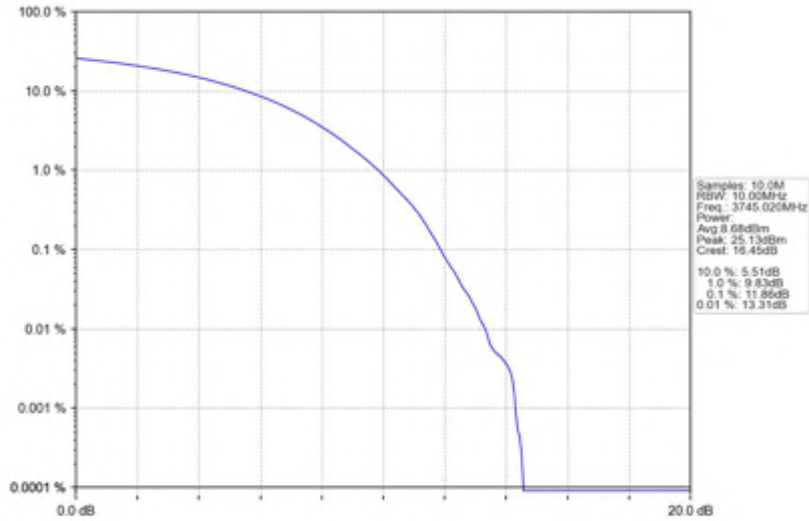
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



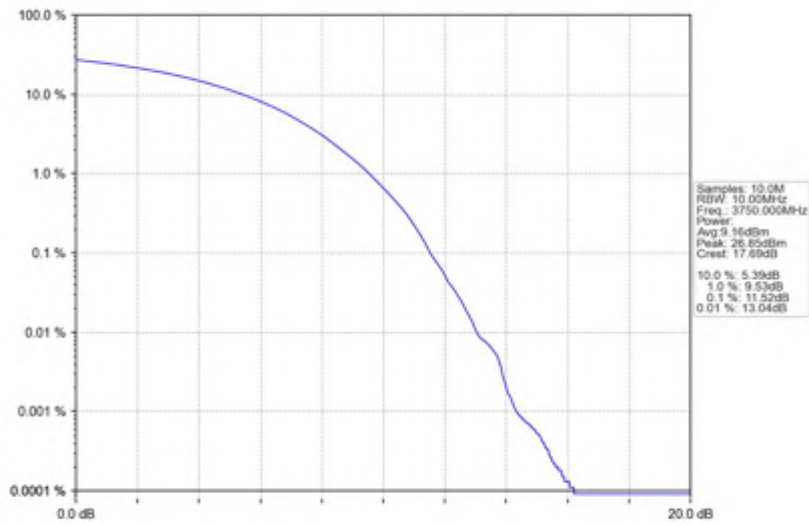
n78(3700-3800MHz)_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3754.98MHz_Outer_Full



n78(3700-3800MHz) 30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM 3745.02MHz_Outer_Full

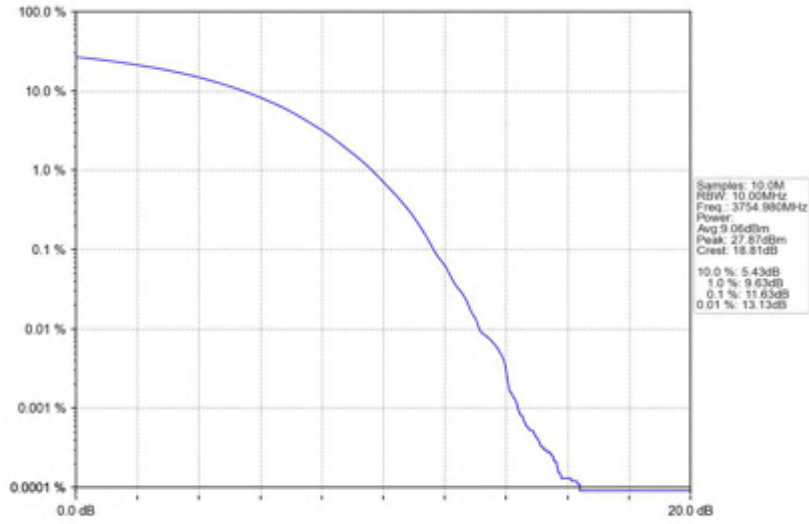


n78(3700-3800MHz) 30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM 3750MHz_Outer_Full





n78(3700-3800MHz) 30kHz SISO NTV 90MHz CP-OFDM 256 QAM 3754.98MHz Outer Full



4.9 30k_SISO_100MHz_NTNV

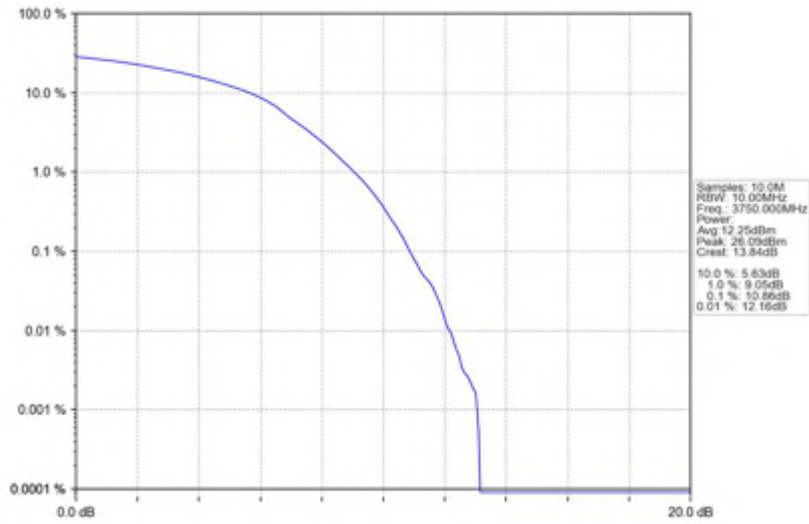
4.9.1 Test Result

5G NR n78(3700-3800MHz) 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	10.86	/	/	<=13	Pass
	3750	Outer Full	10.92	/	/	<=13	Pass
	3750	Outer Full	10.94	/	/	<=13	Pass
DFT-s-OFDM QPSK	3750	Outer Full	11.43	/	/	<=13	Pass
	3750	Outer Full	11.47	/	/	<=13	Pass
	3750	Outer Full	11.46	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	11.32	/	/	<=13	Pass
	3750	Outer Full	10.94	/	/	<=13	Pass
	3750	Outer Full	10.92	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	11.53	/	/	<=13	Pass
	3750	Outer Full	11.30	/	/	<=13	Pass
	3750	Outer Full	11.39	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	11.49	/	/	<=13	Pass
	3750	Outer Full	11.44	/	/	<=13	Pass
	3750	Outer Full	11.36	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer Full	11.57	/	/	<=13	Pass
	3750	Outer Full	11.51	/	/	<=13	Pass
	3750	Outer Full	11.57	/	/	<=13	Pass
CP-OFDM 16 QAM	3750	Outer Full	11.54	/	/	<=13	Pass
	3750	Outer Full	11.50	/	/	<=13	Pass
	3750	Outer Full	11.52	/	/	<=13	Pass
CP-OFDM 64 QAM	3750	Outer Full	11.79	/	/	<=13	Pass
	3750	Outer Full	11.74	/	/	<=13	Pass
	3750	Outer Full	11.81	/	/	<=13	Pass
CP-OFDM 256 QAM	3750	Outer Full	11.70	/	/	<=13	Pass
	3750	Outer Full	11.65	/	/	<=13	Pass
	3750	Outer Full	11.70	/	/	<=13	Pass

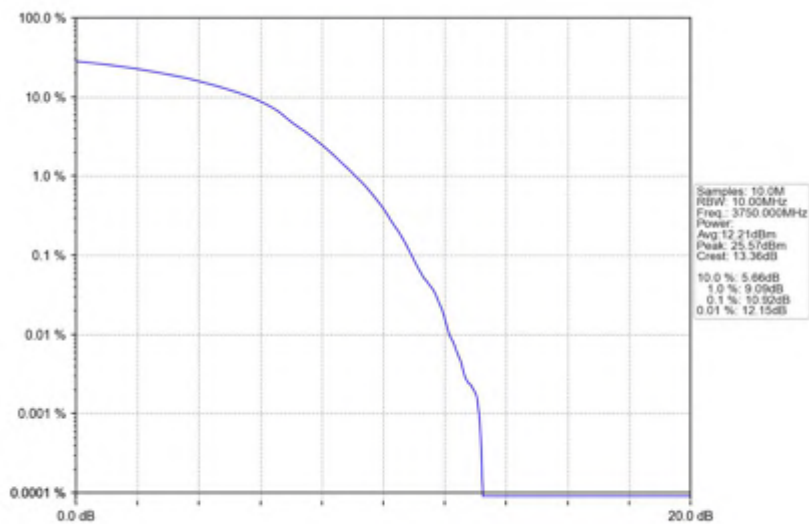


4.9.2 Test Graph

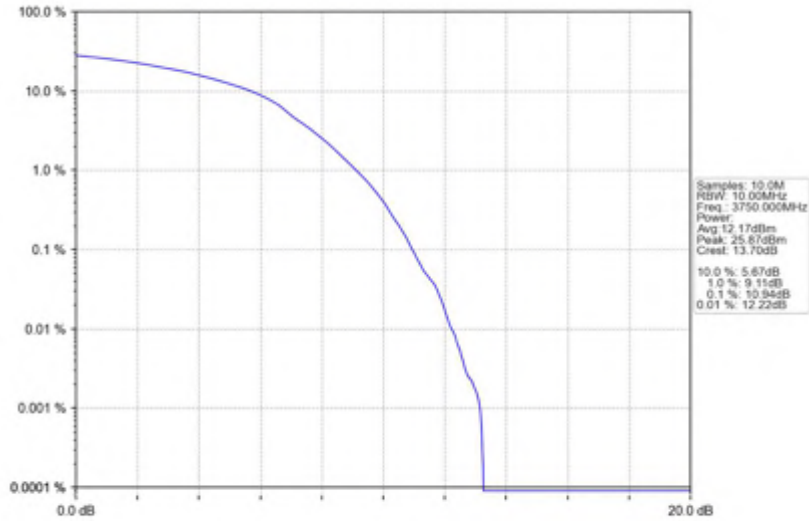
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



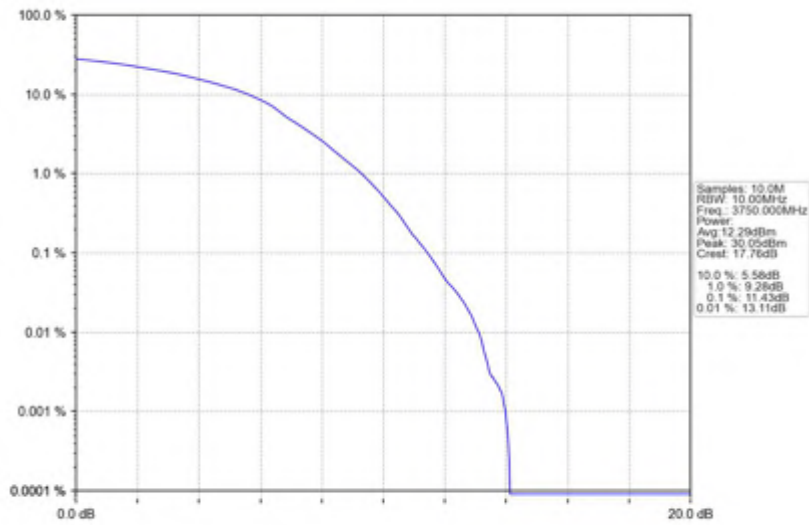
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full



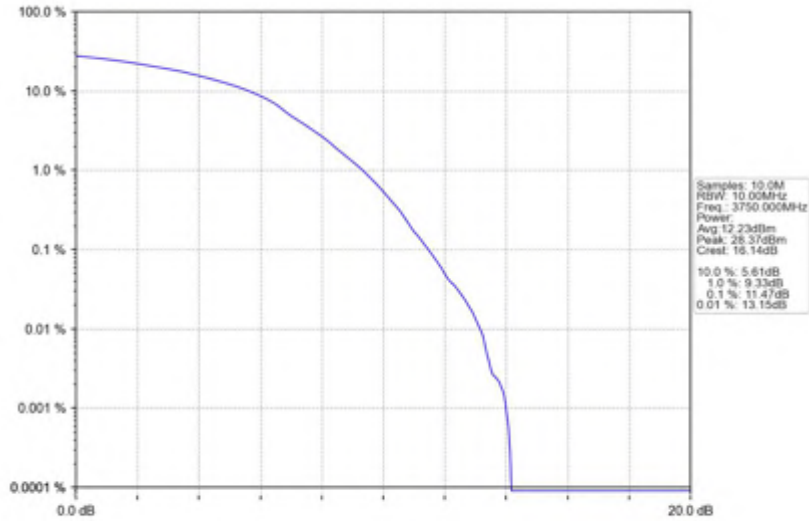
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3750MHz_Outer_Full



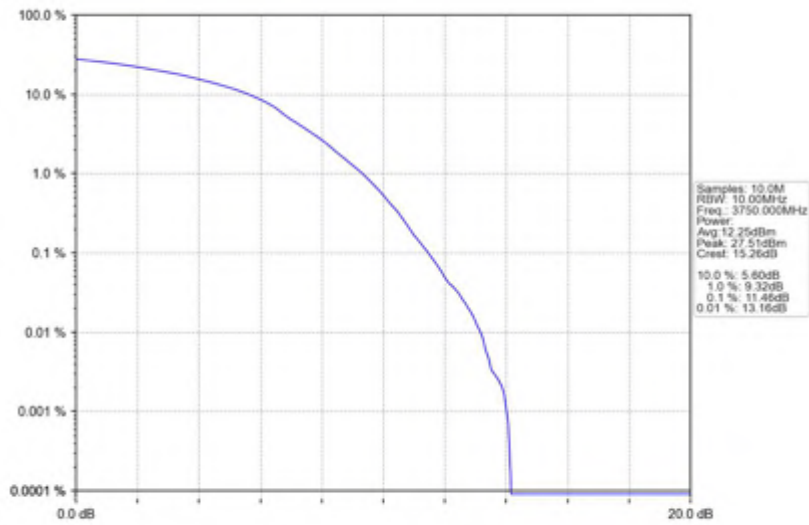
n78(3700-3800MHz)_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full



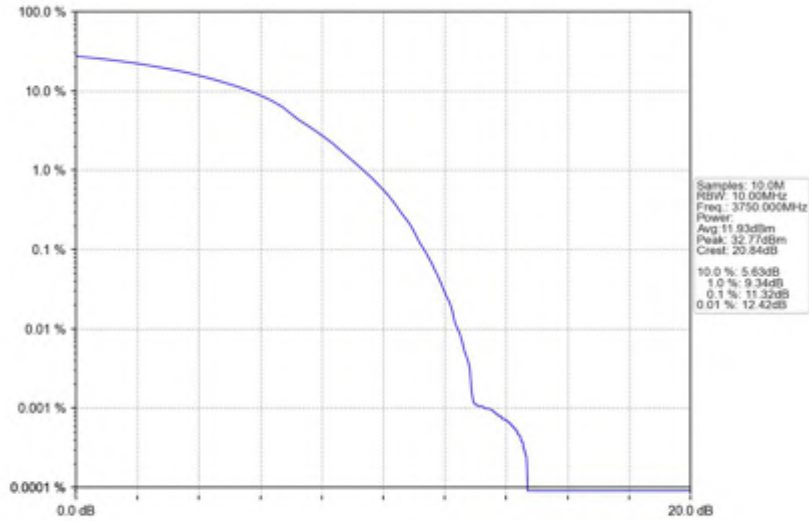
n78(3700-3800MHz) 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer Full



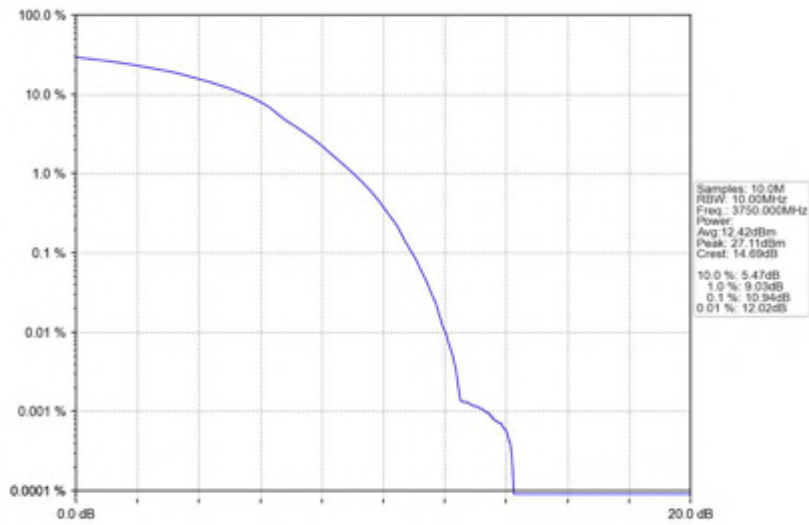
n78(3700-3800MHz) 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer Full



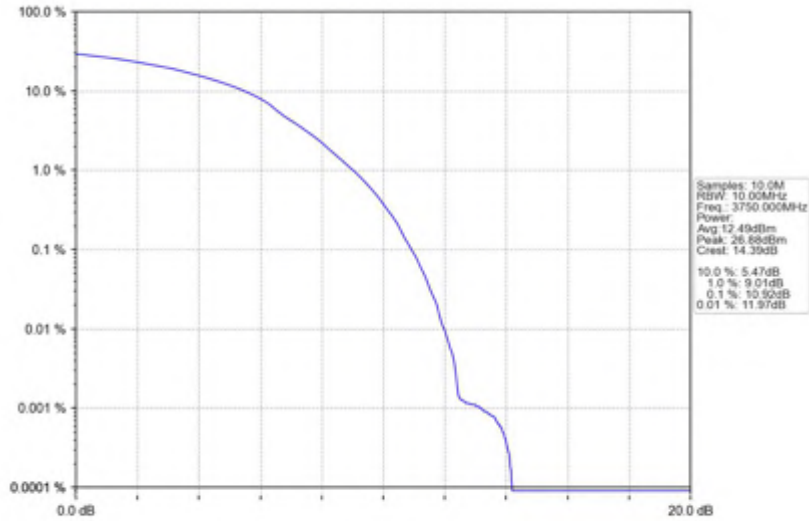
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



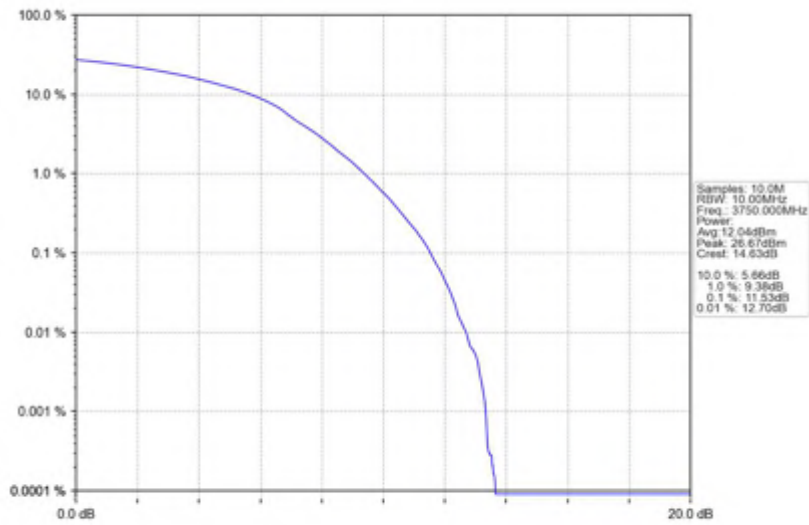
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



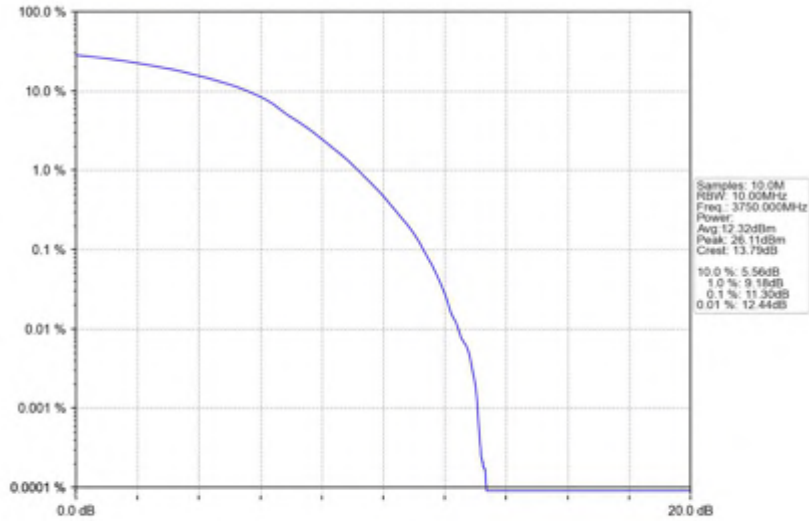
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full



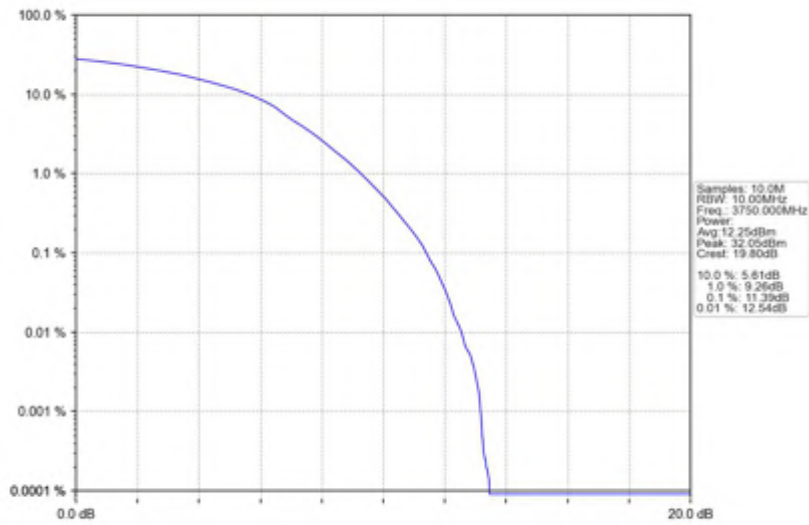
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full



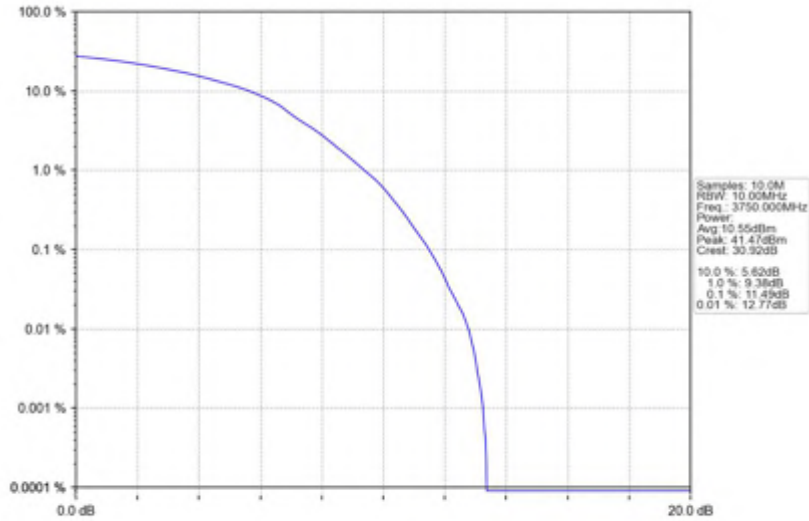
n78(3700-3800MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full



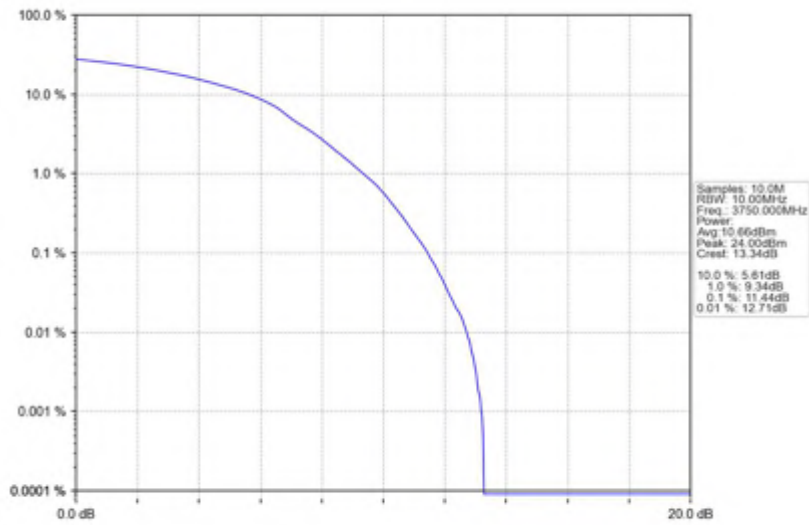
n78(3700-3800MHz) 30kHz SISO NTV 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full



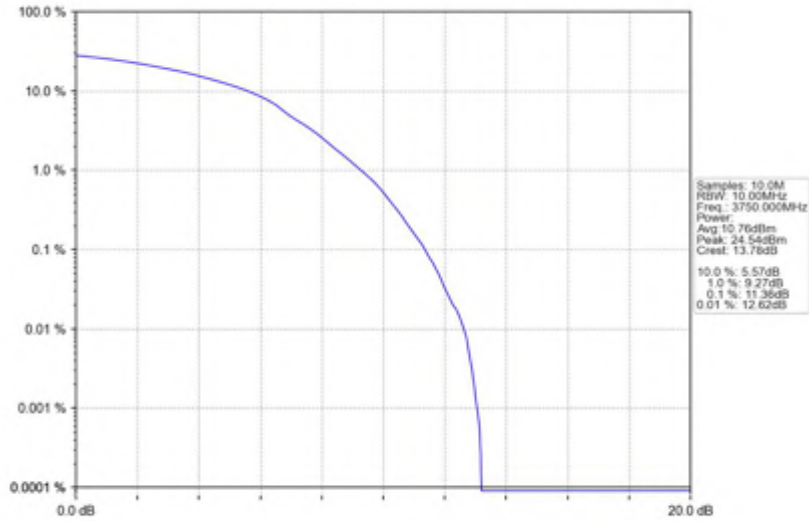
n78(3700-3800MHz) 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



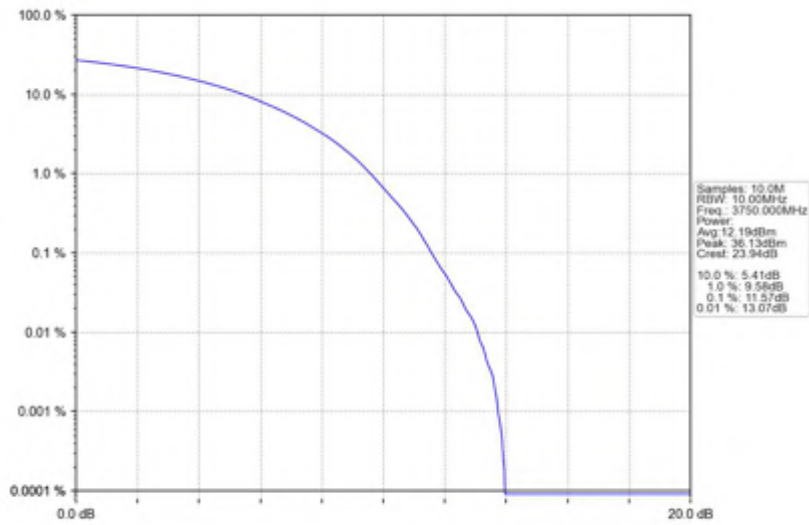
n78(3700-3800MHz) 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



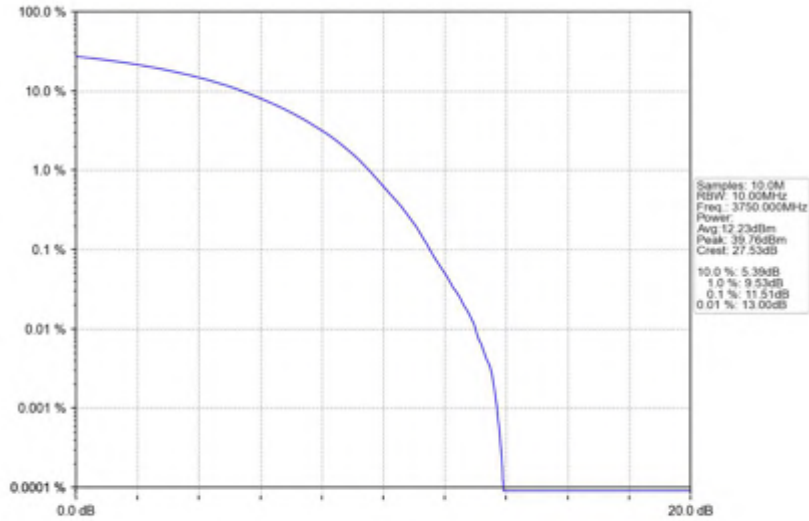
n78(3700-3800MHz) 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full



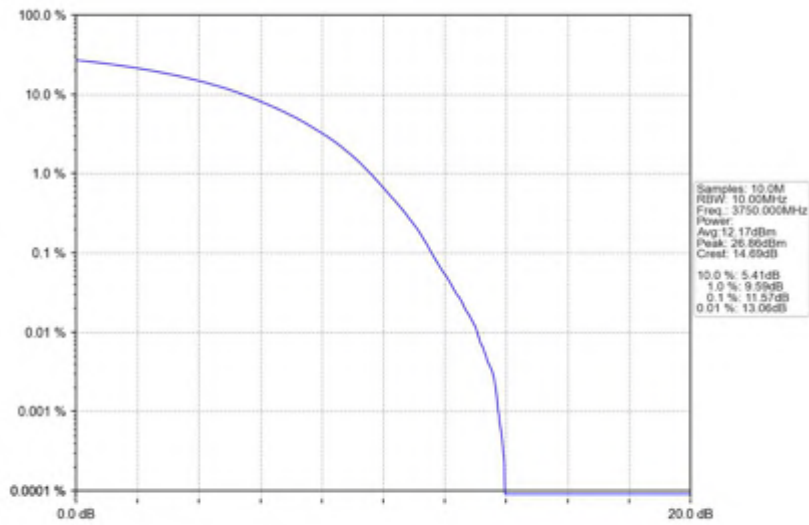
n78(3700-3800MHz) 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full



n78(3700-3800MHz) 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full

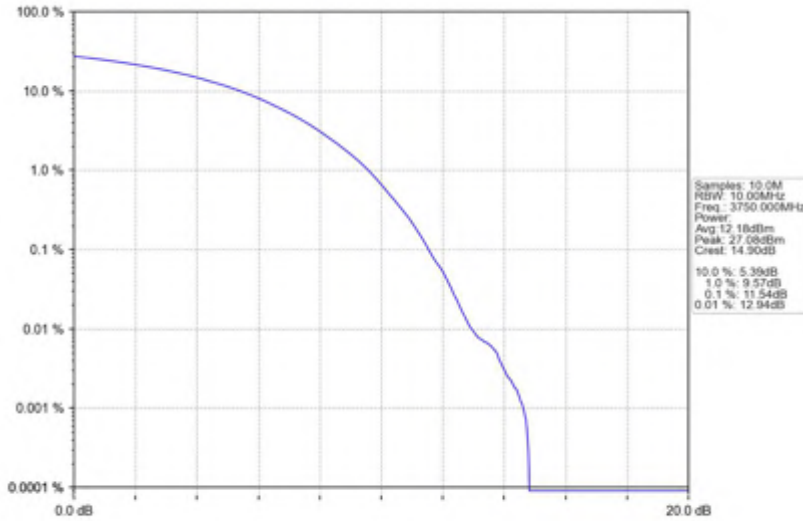


n78(3700-3800MHz) 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full

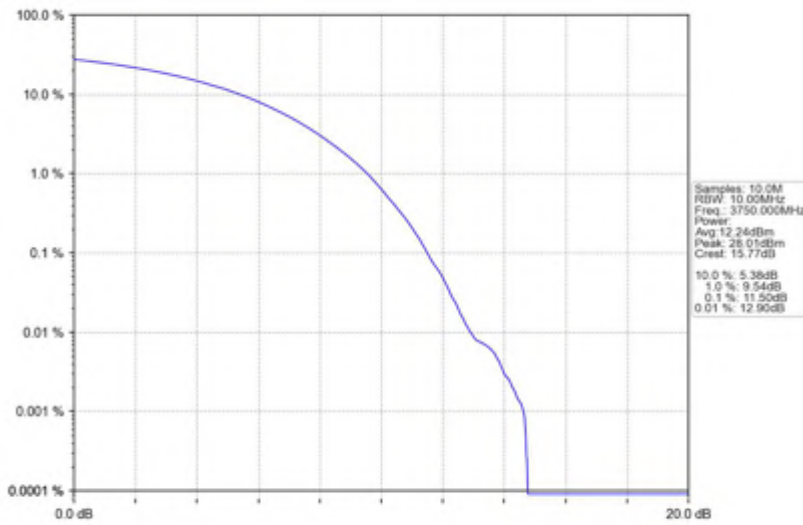




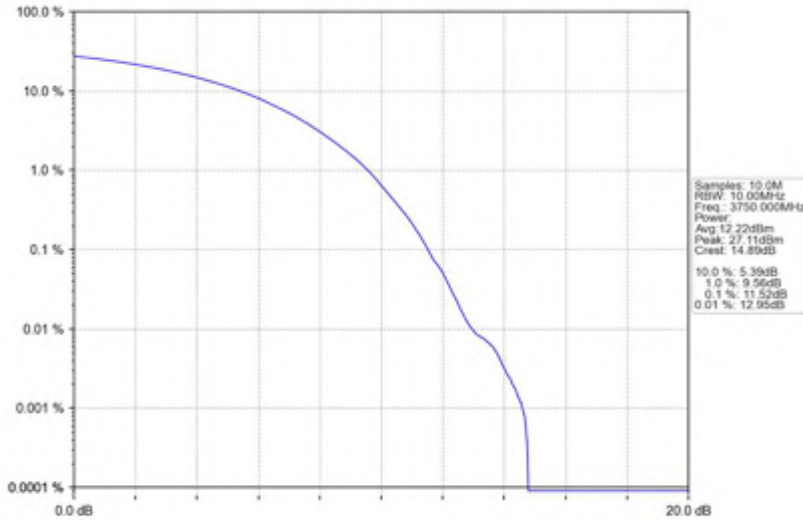
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



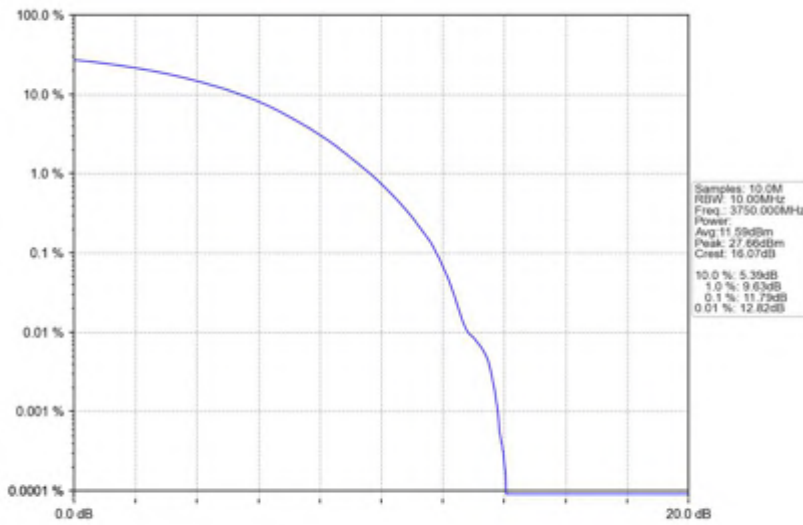
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full



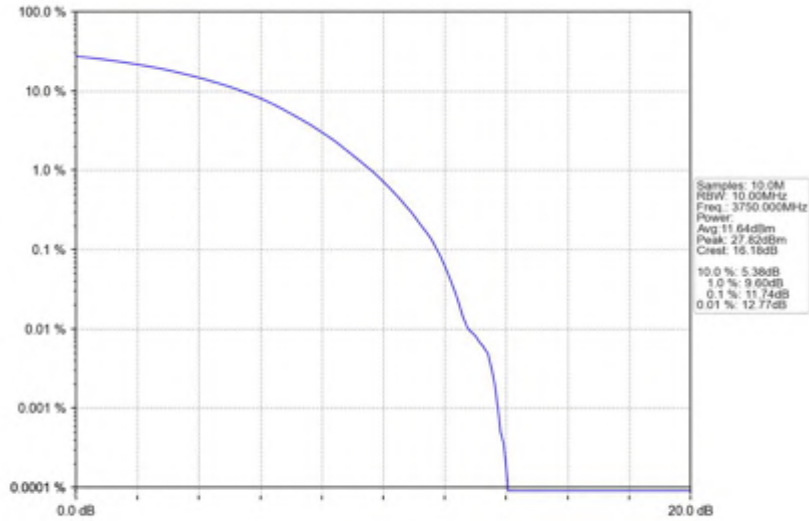
n78(3700-3800MHz) 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3750MHz Outer Full



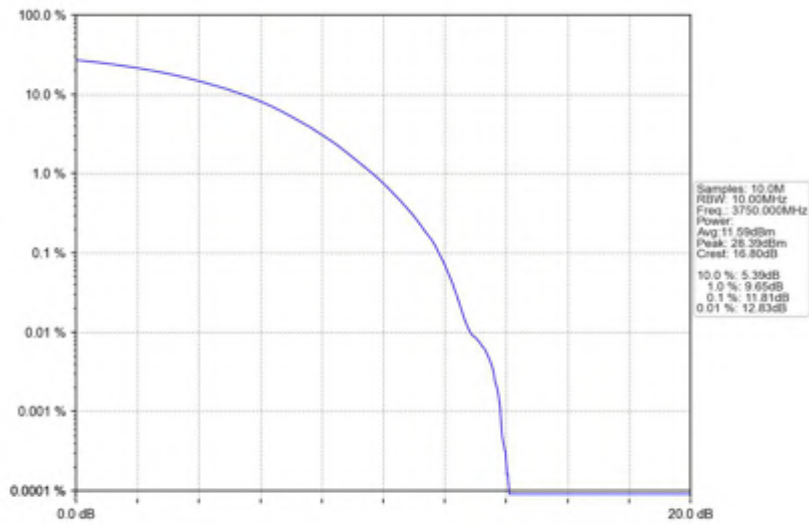
n78(3700-3800MHz) 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3750MHz Outer Full



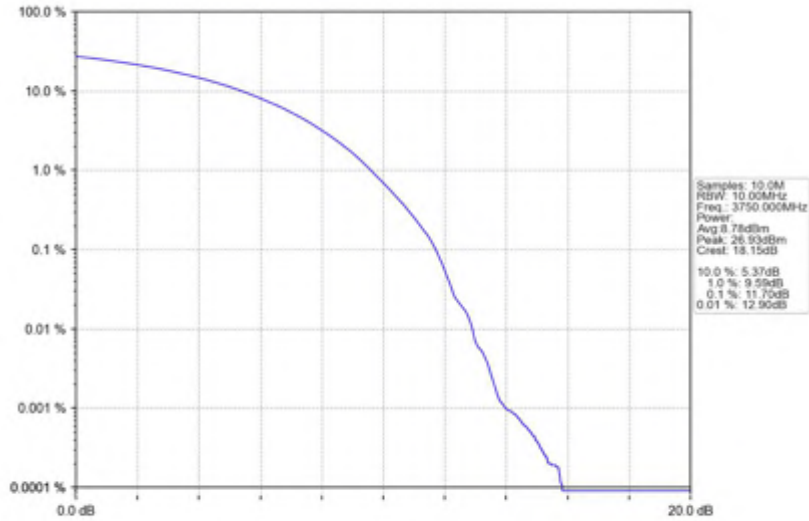
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



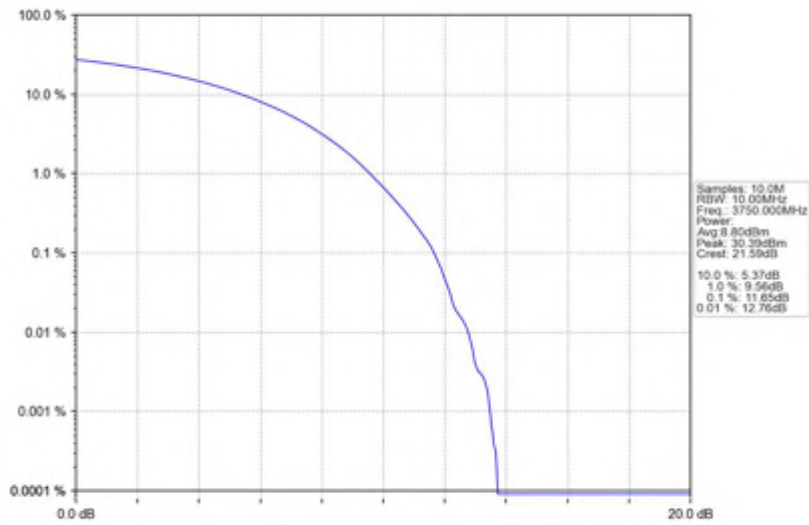
n78(3700-3800MHz) 30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full



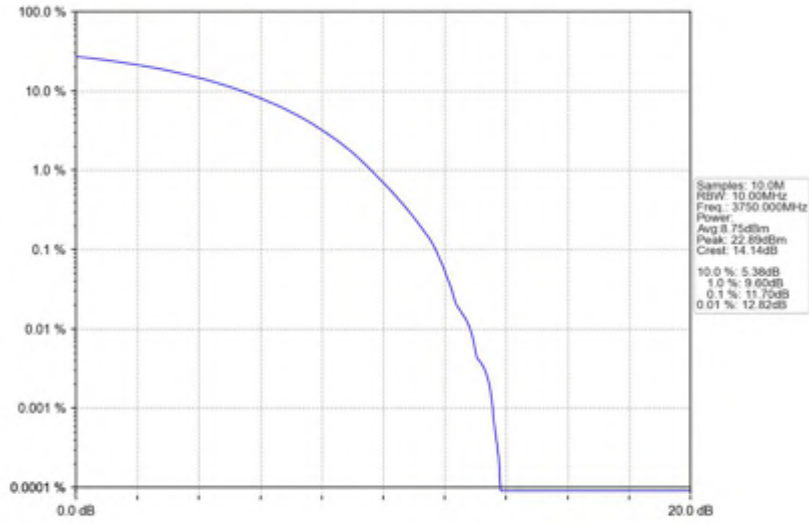
n78(3700-3800MHz) 30kHz SISO NTVN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full



n78(3700-3800MHz) 30kHz SISO NTVN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full



n78(3700-3800MHz) 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full



5. Spurious Emission

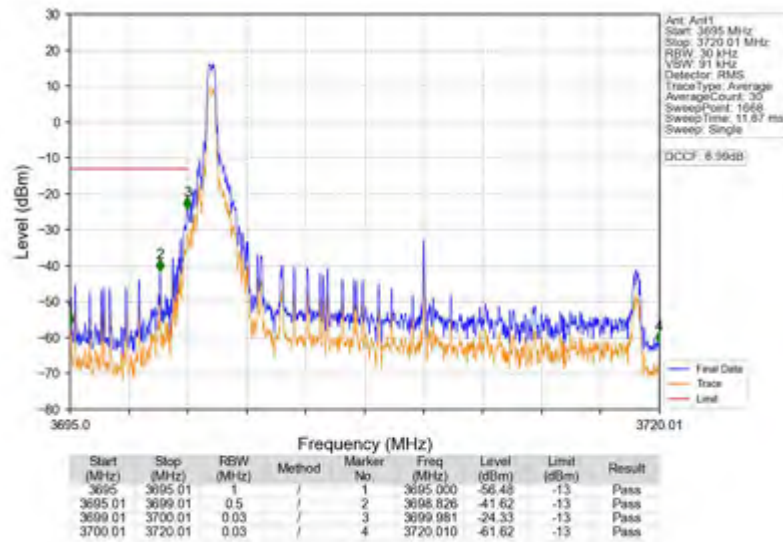
5.1 30k_SISO_20MHz_NTNV

5.1.1 Test Result

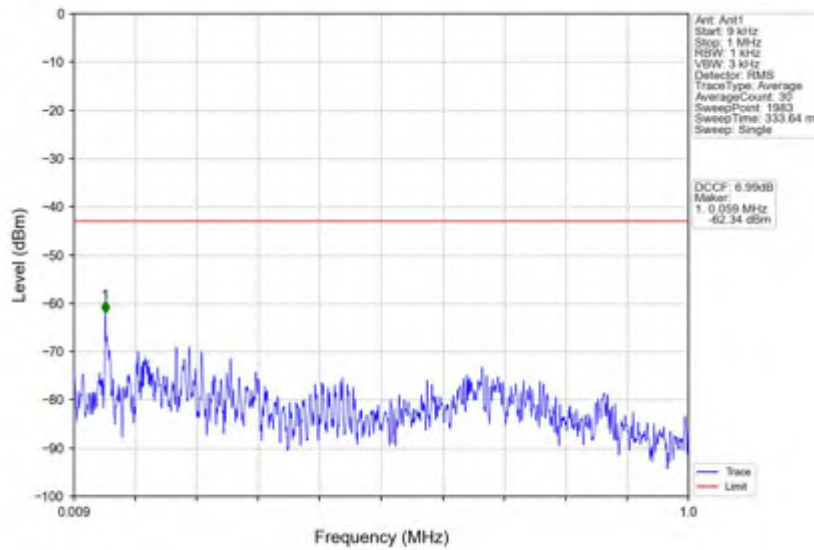
5G NR n78(3700-3800MHz) SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	3789.99	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		3789.99	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3710.01	Inner_1RB_Right	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	3789.99	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		3789.99	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3710.01	Inner_1RB_Right	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	3789.99	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		3789.99	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass	

5.1.2 Test Graph

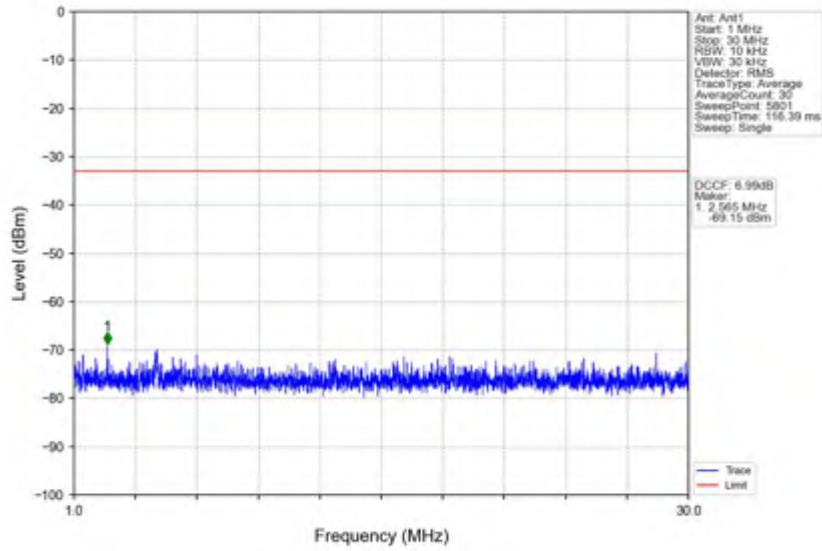
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Edge_1RB_Left



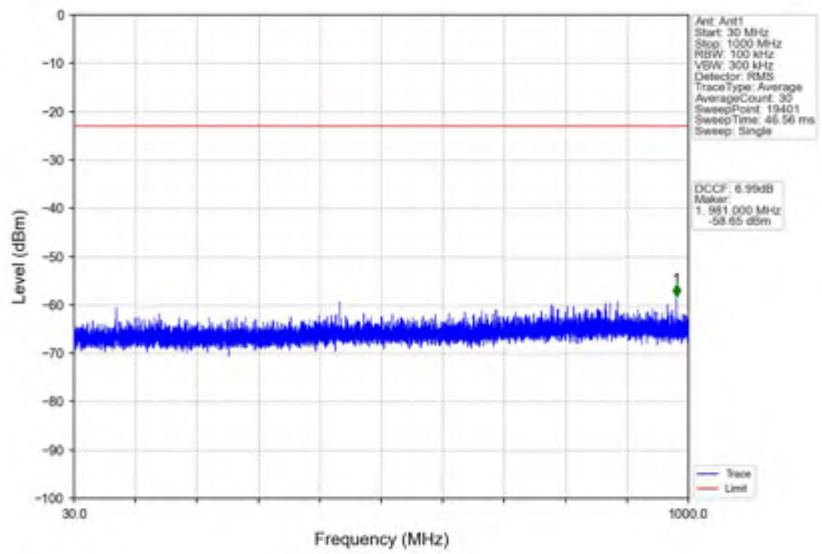
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Edge_1RB_Left



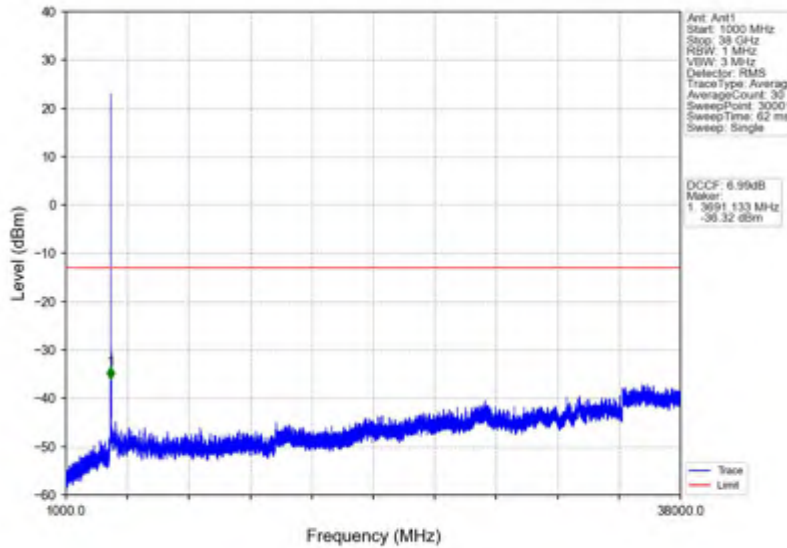
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Edge_1RB_Left



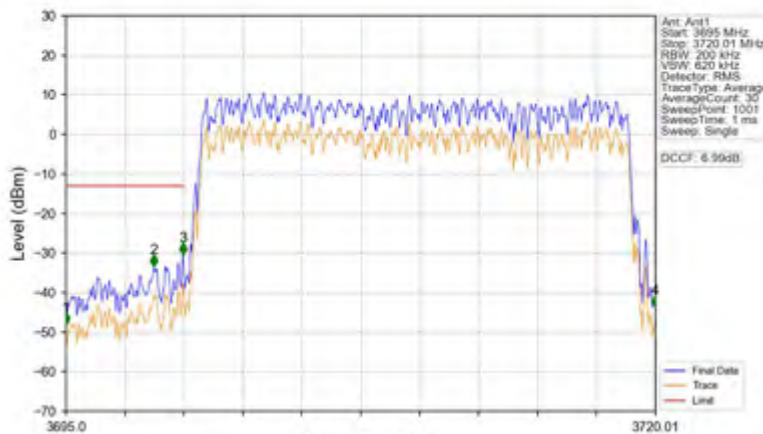
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Edge_1RB_Left



n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Edge 1RB Left

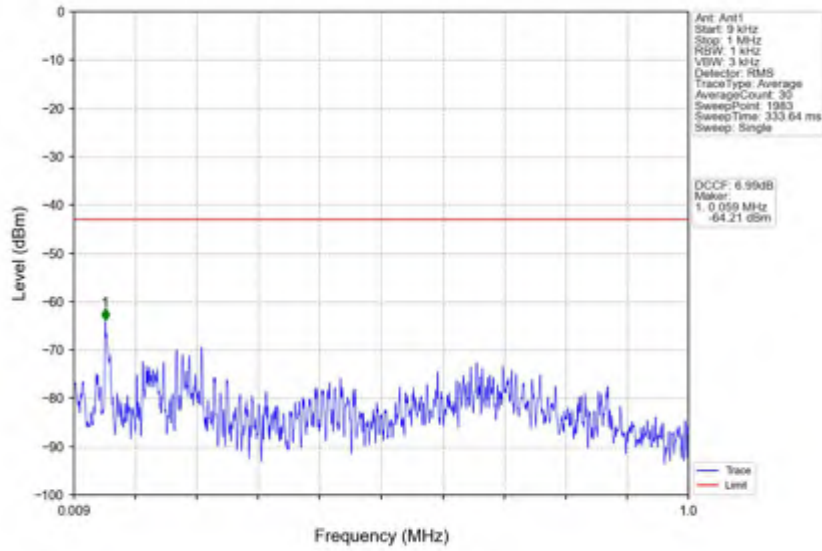


n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Outer_Full

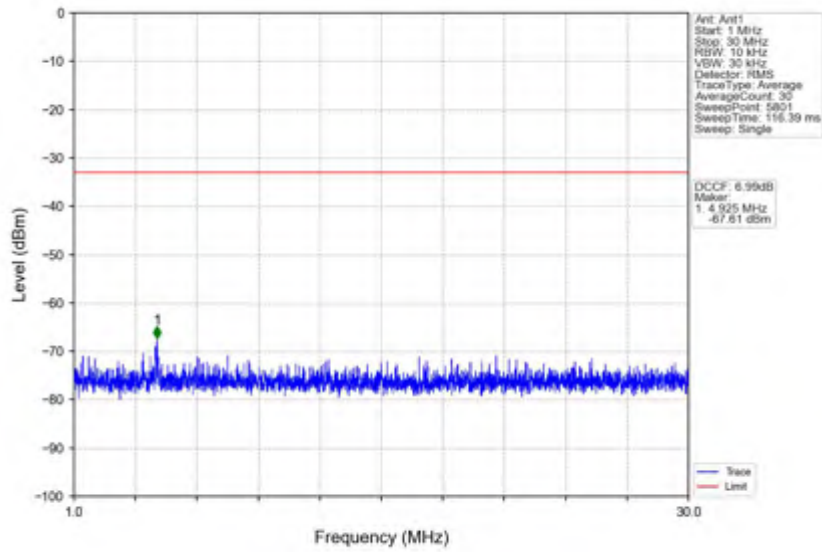


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-48.13	-13	Pass
3695.01	3699.01	0.5	/	2	3698.726	-33.54	-13	Pass
3699.01	3700.01	0.2	/	3	3699.952	-30.56	-13	Pass
3700.01	3720.01	0.2	/	4	3720.010	-43.75	-13	Pass

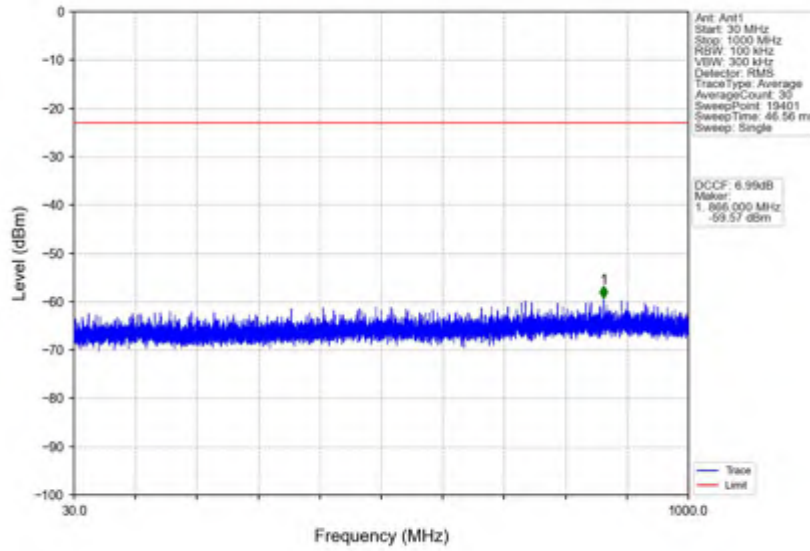
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Outer Full



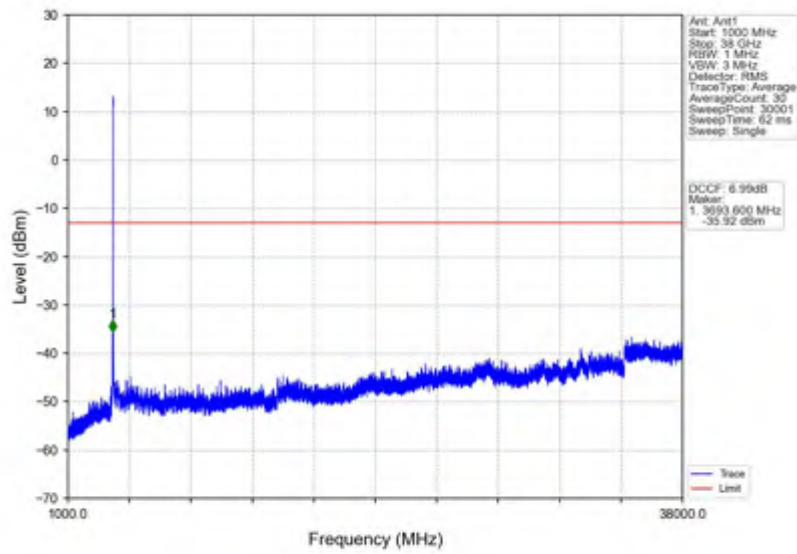
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Outer Full



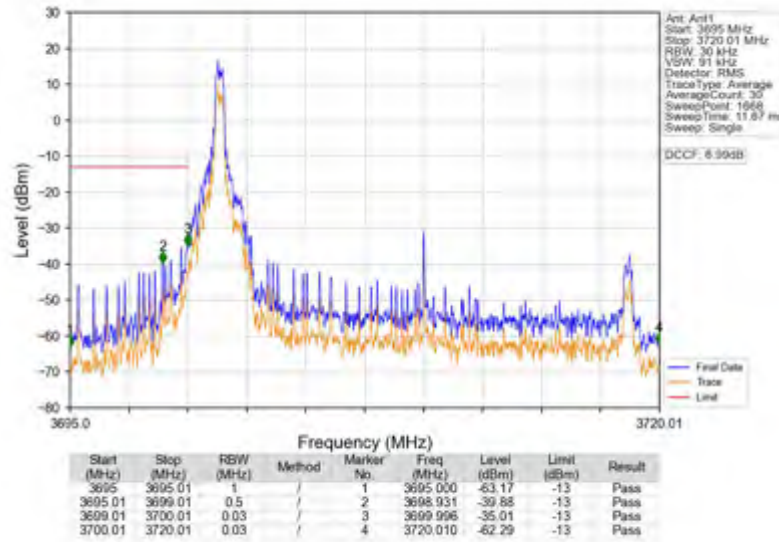
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Outer Full



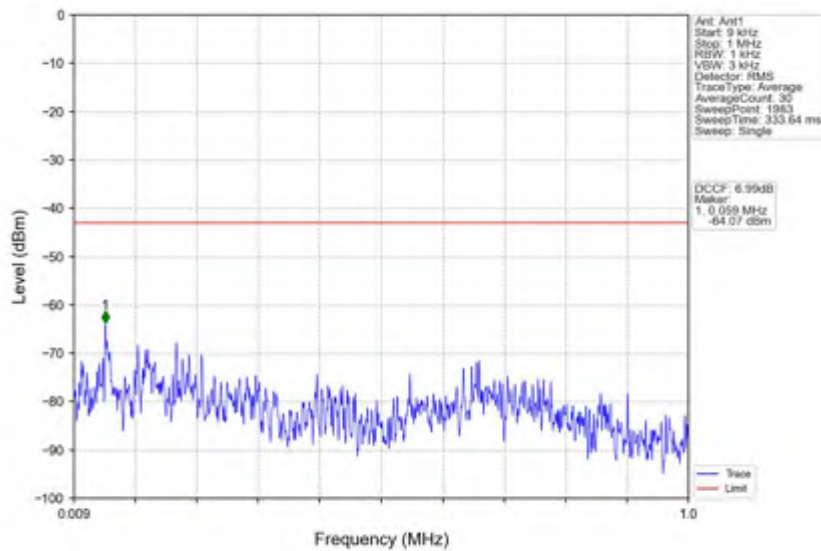
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Outer Full



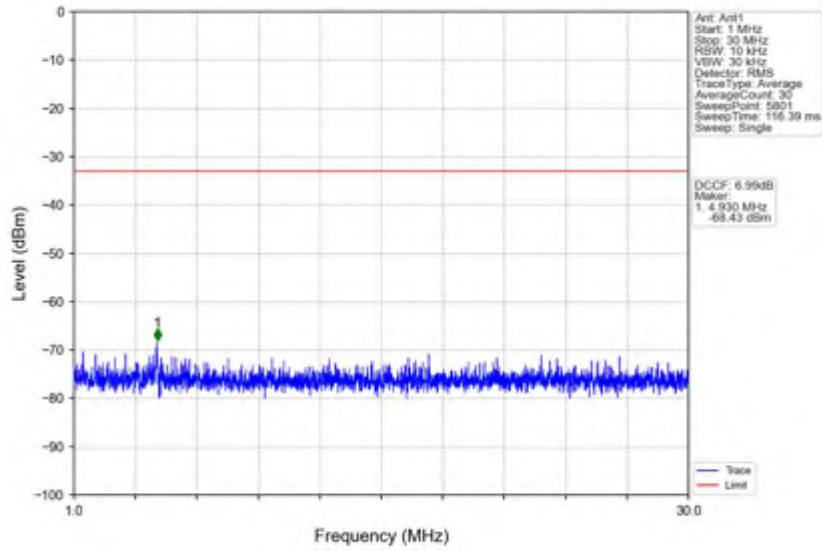
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Inner_1RB_Left



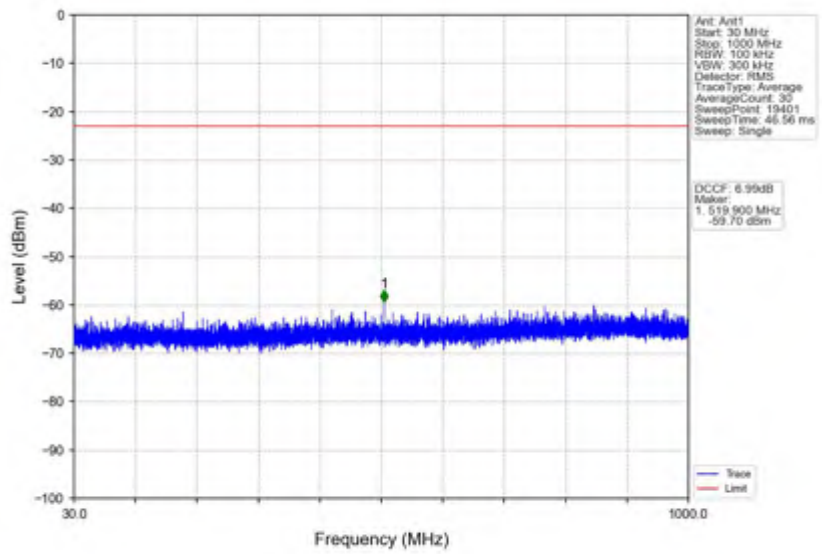
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Inner_1RB_Left



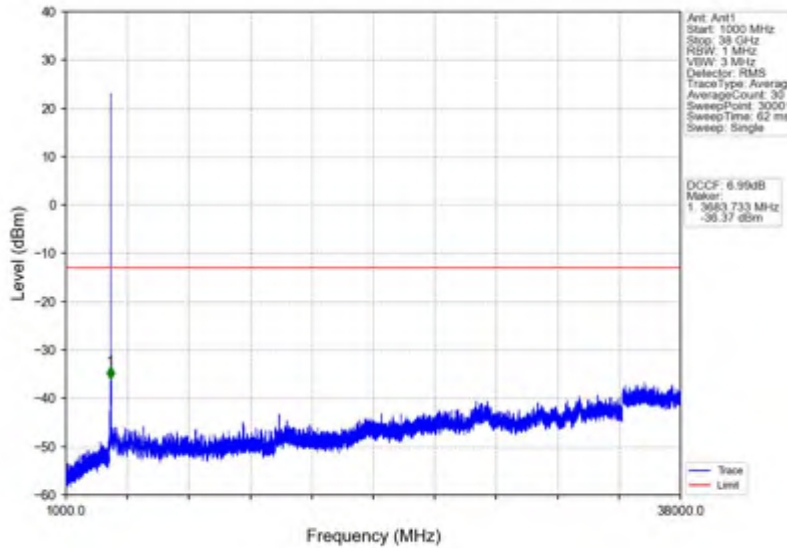
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Inner 1RB Left



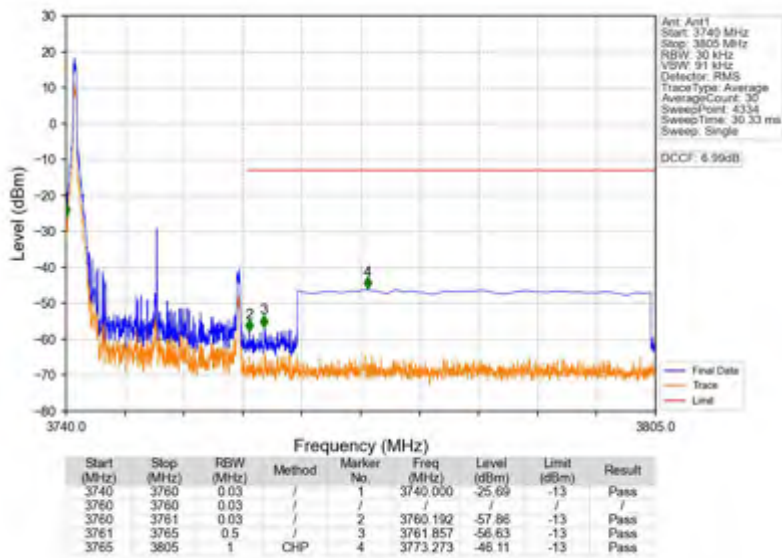
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Inner 1RB Left



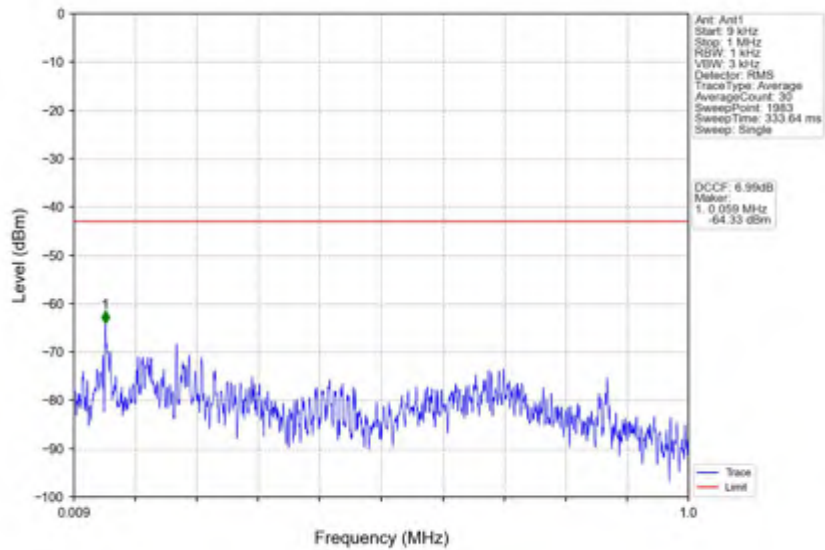
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz DFT-s-OFDM PI/2 BPSK 3710.01MHz Inner 1RB Left



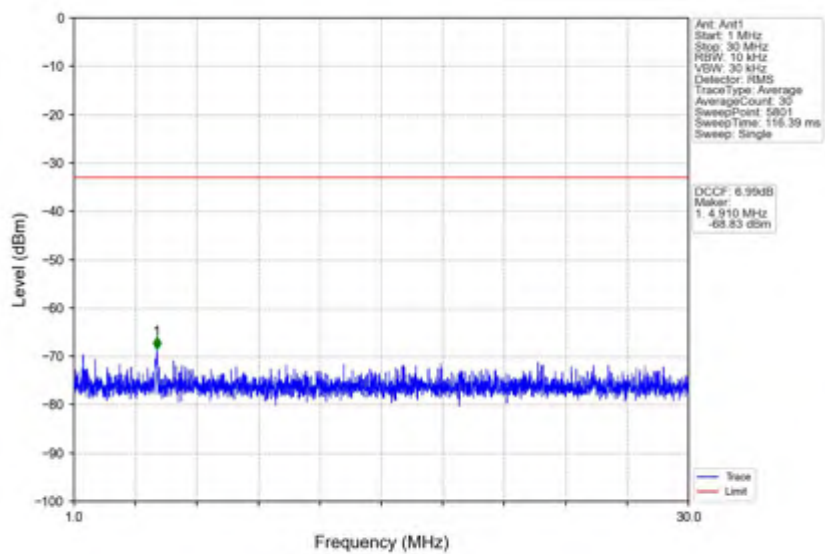
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz DFT-s-OFDM PI/2 BPSK 3750MHz_Edge_1RB_Left



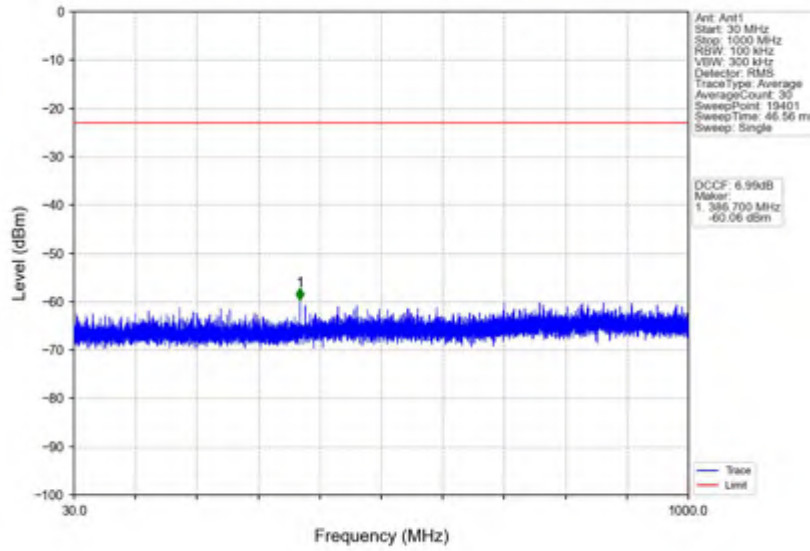
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



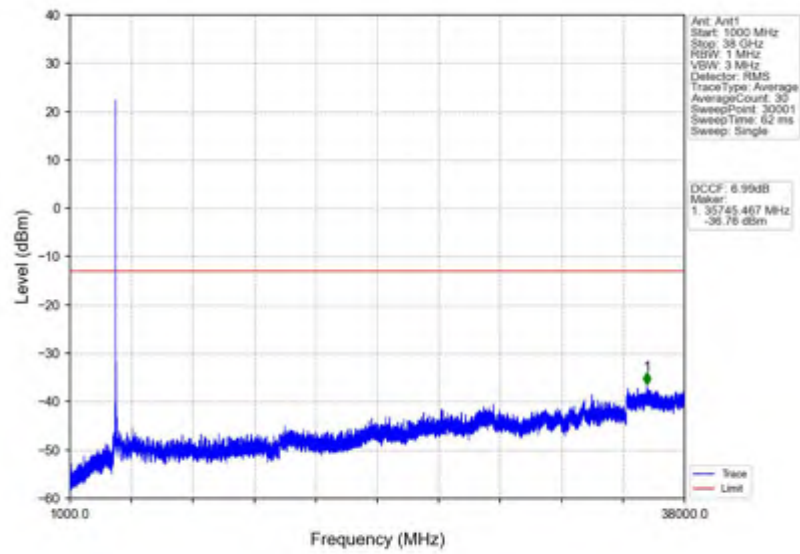
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



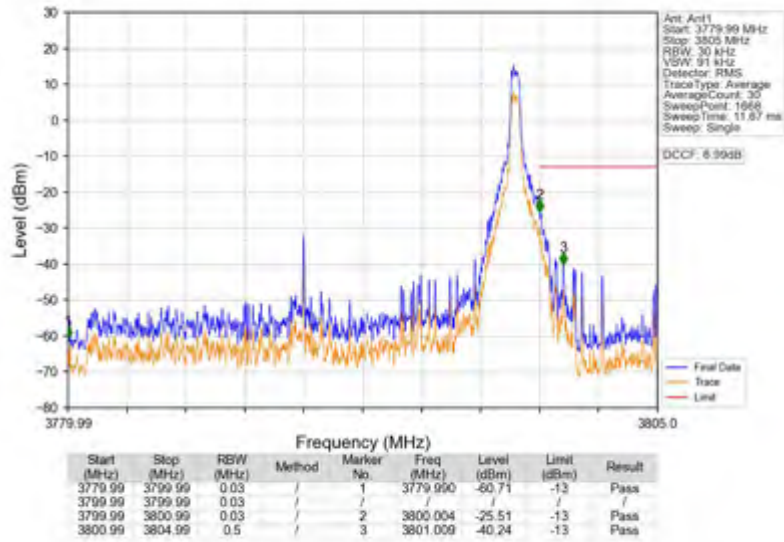
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



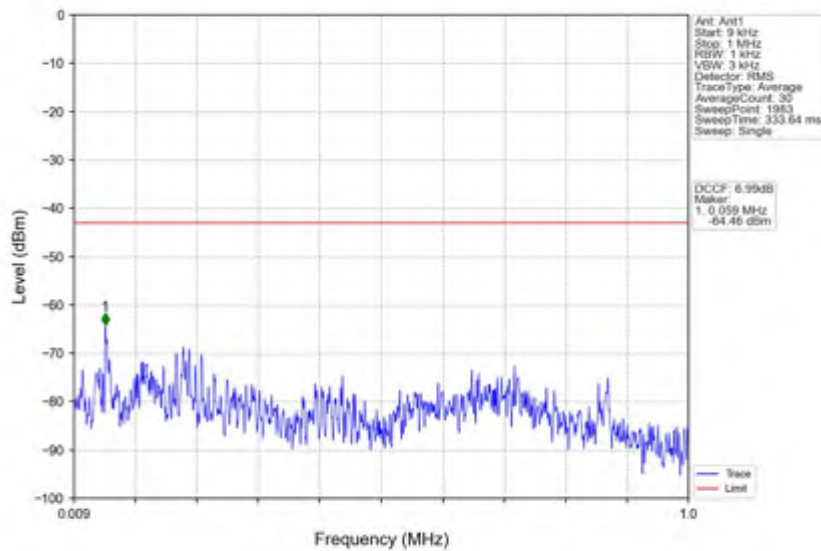
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



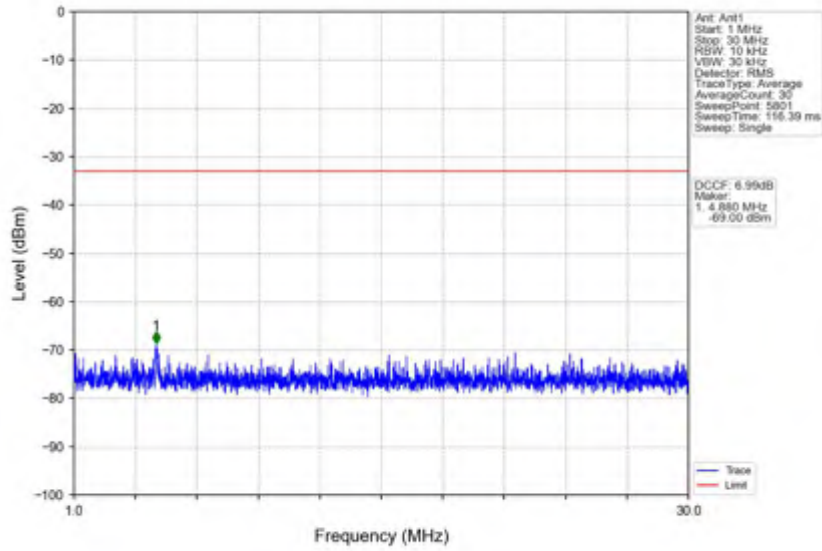
n78(3700-3800MHz) 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz_Edge_1RB_Right



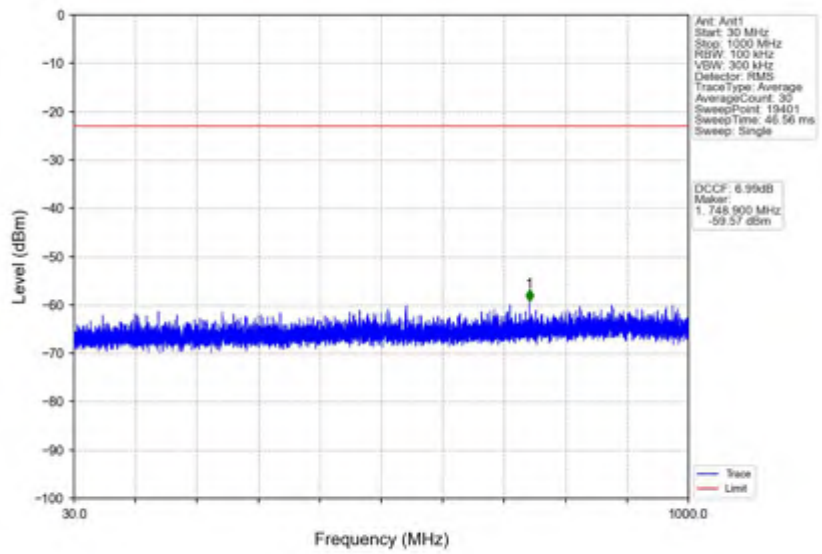
n78(3700-3800MHz) 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz_Edge_1RB_Right



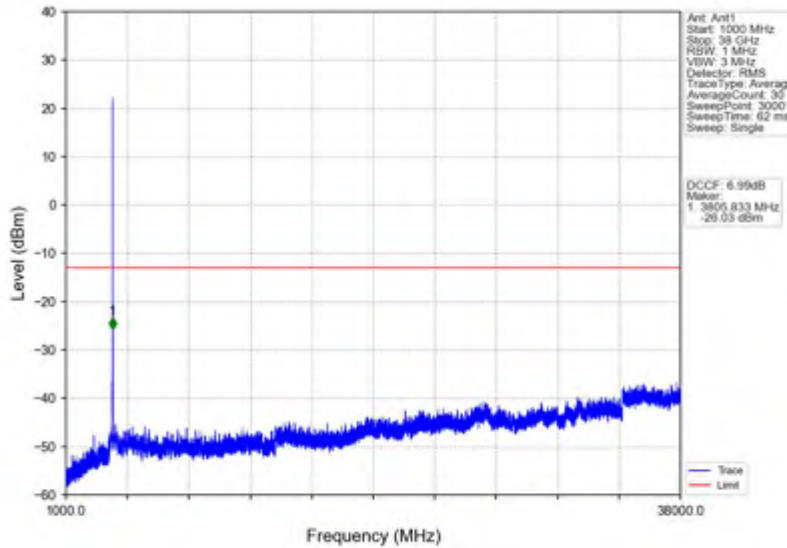
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Edge_1RB_Right



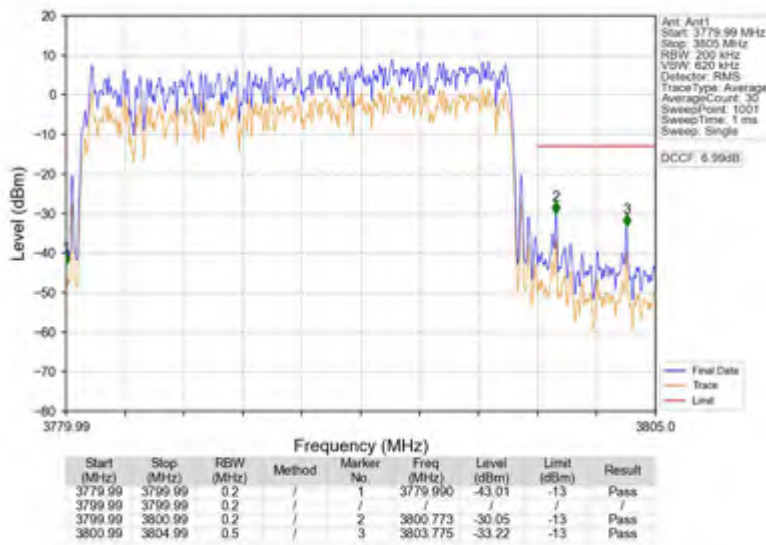
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Edge_1RB_Right



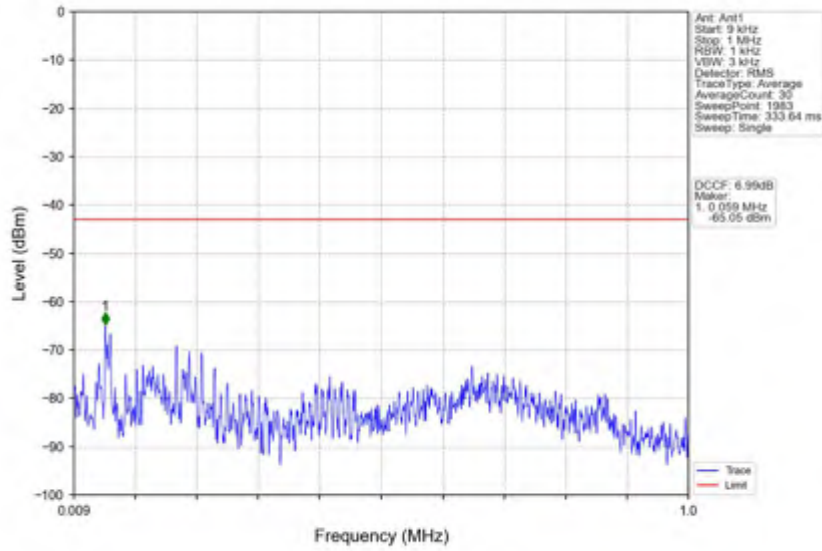
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Edge 1RB Right



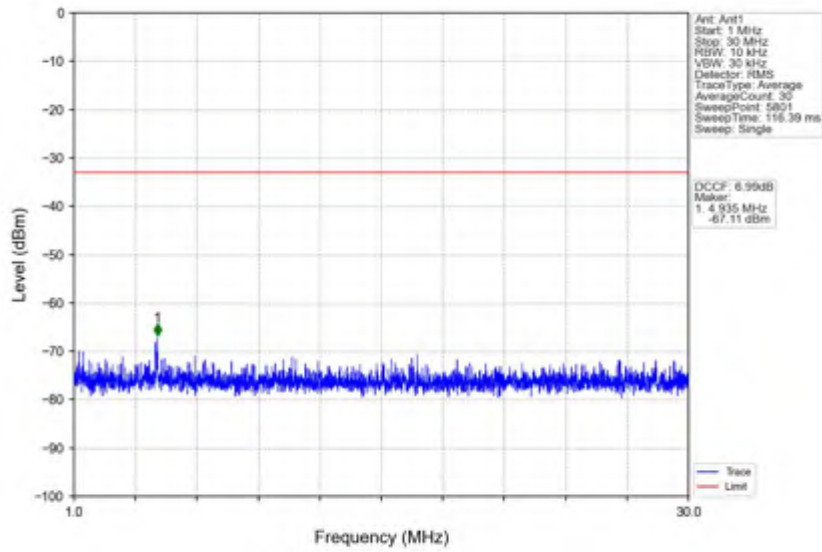
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full



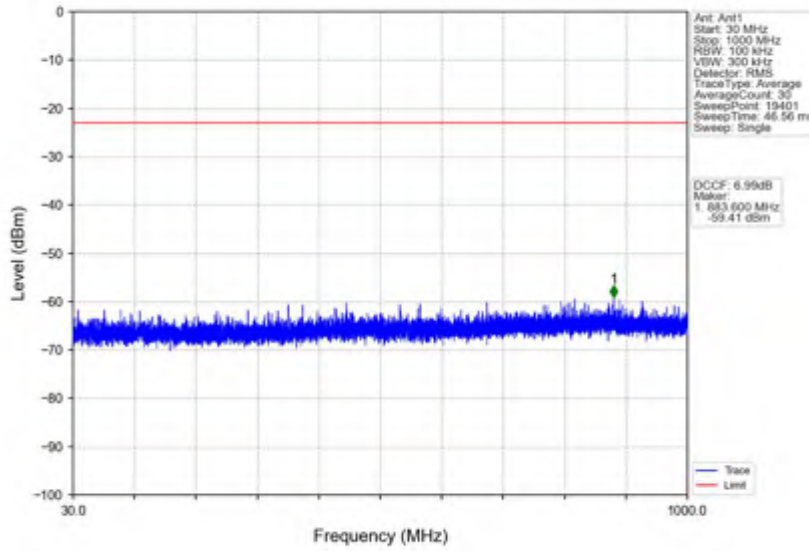
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full



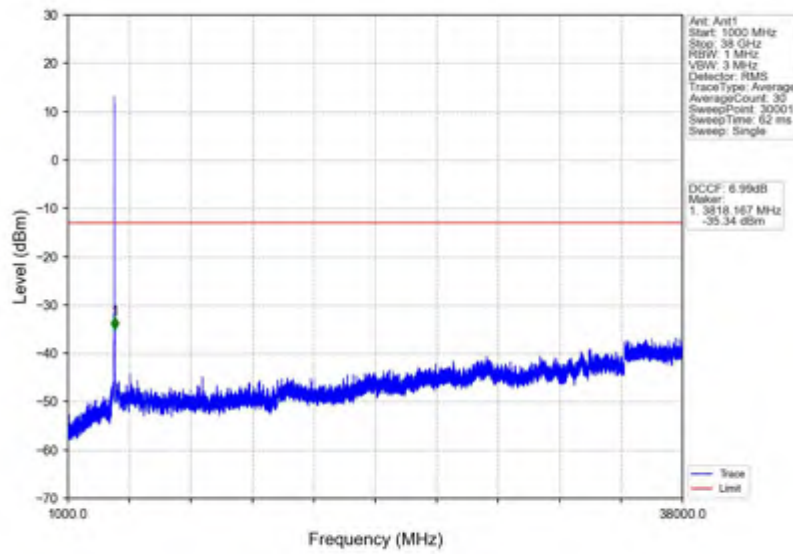
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full



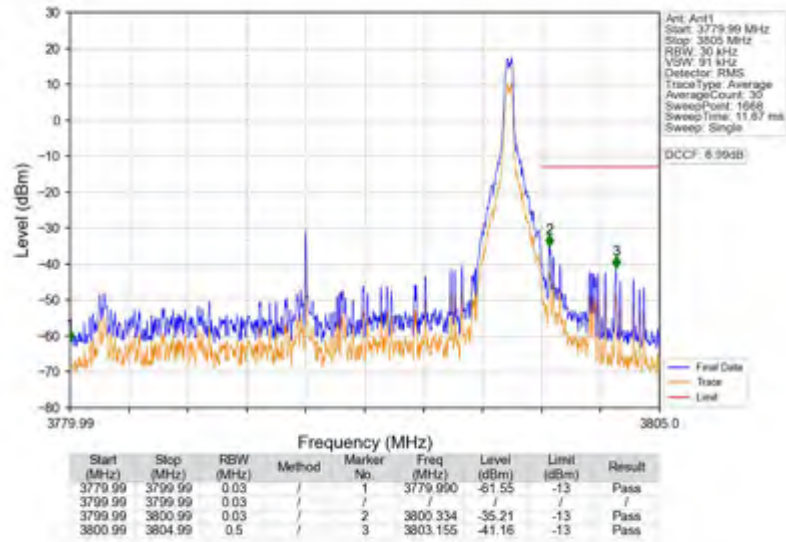
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full



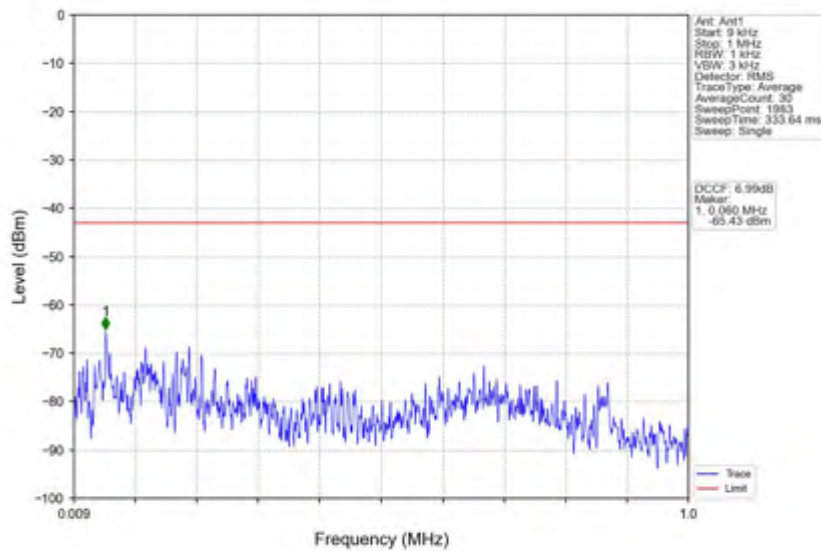
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full



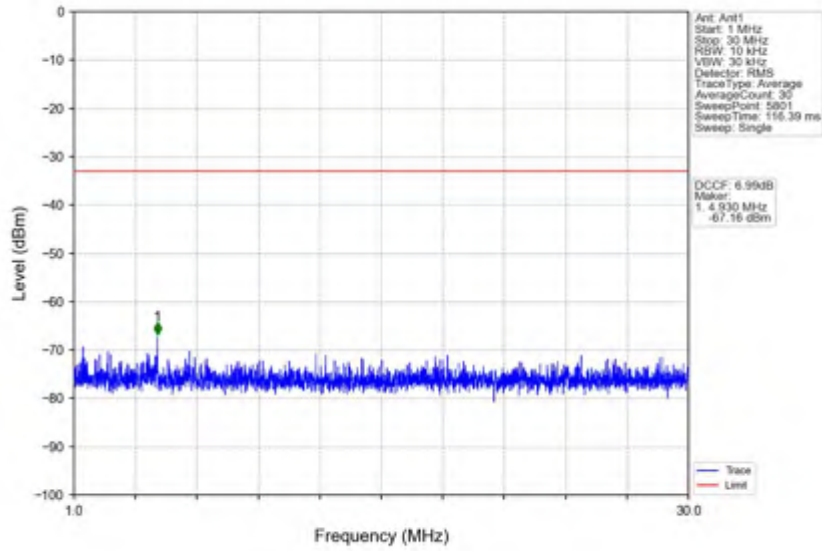
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Inner 1RB Right



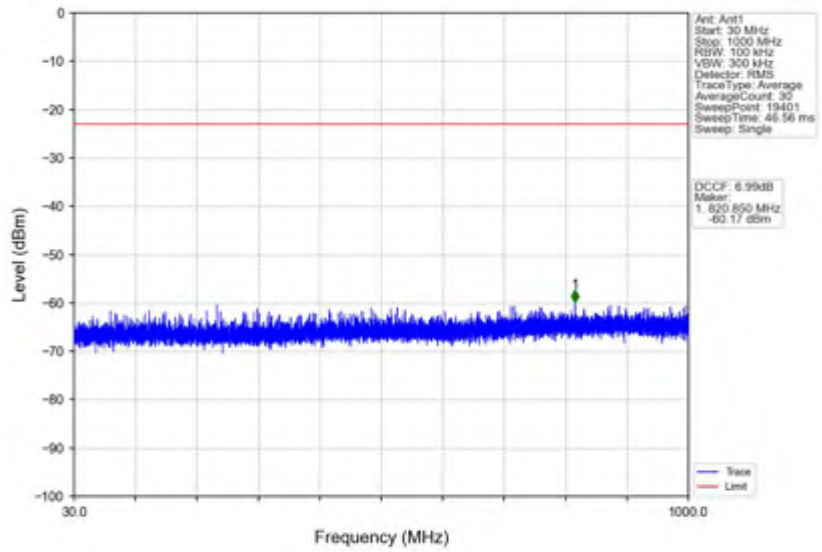
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Inner 1RB Right



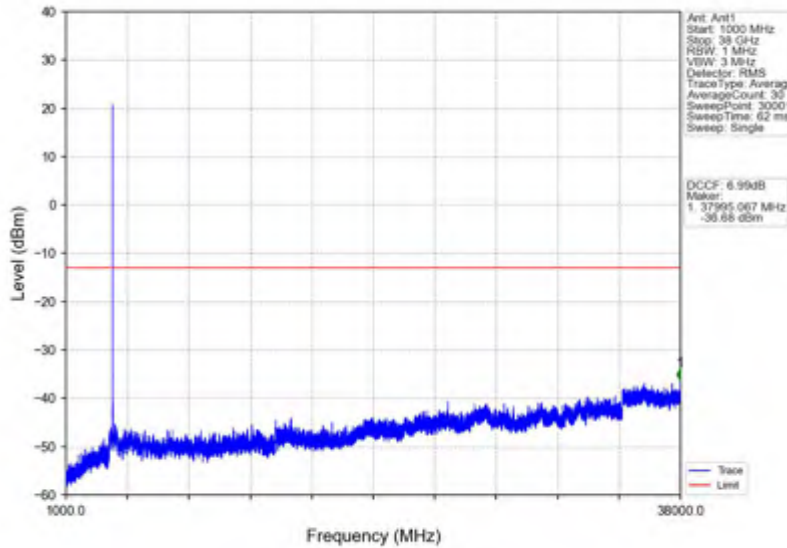
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Inner 1RB Right



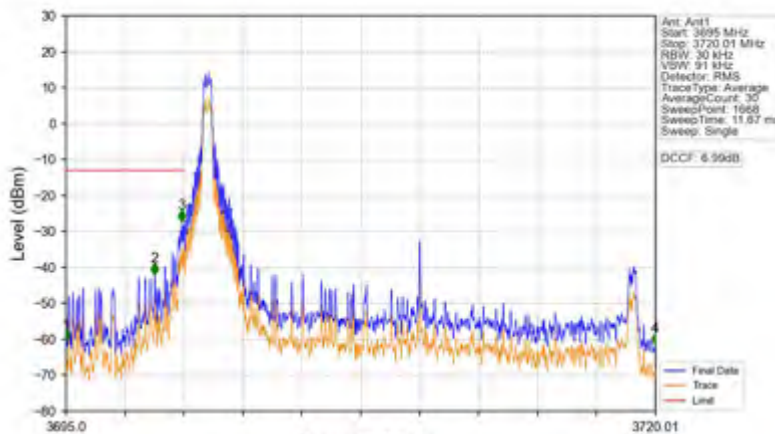
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Inner 1RB Right



n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK 3789.99MHz_Inner_1RB_Right

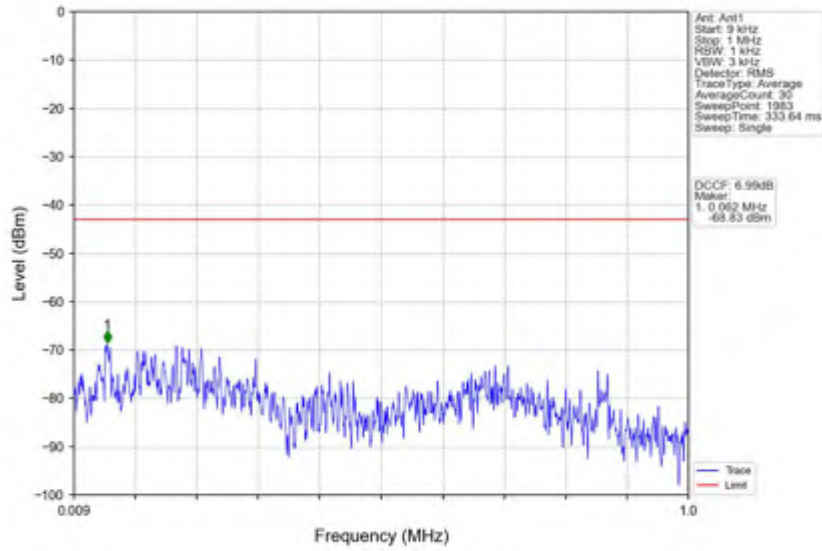


n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Edge_1RB_Left

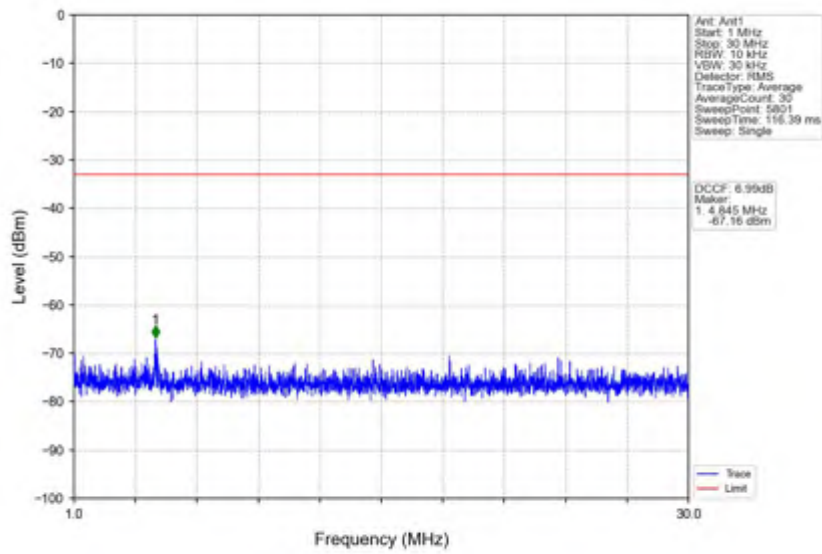


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-60.69	-13	Pass
3695.01	3699.01	0.5	/	2	3698.766	-42.15	-13	Pass
3699.01	3700.01	0.03	/	3	3699.921	-27.39	-13	Pass
3700.01	3720.01	0.03	/	4	3720.010	-61.60	-13	Pass

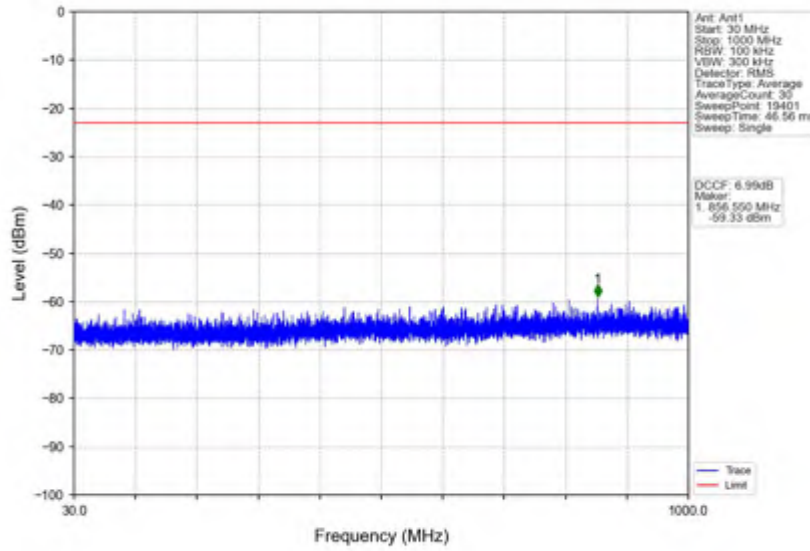
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



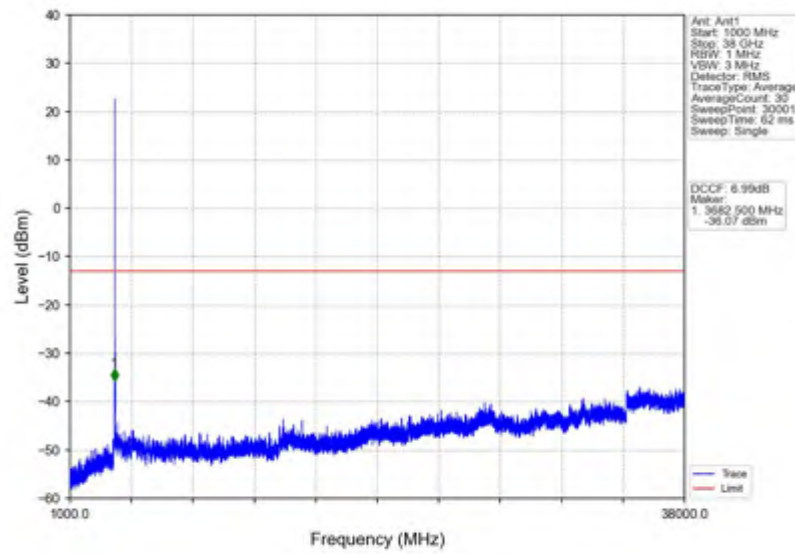
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



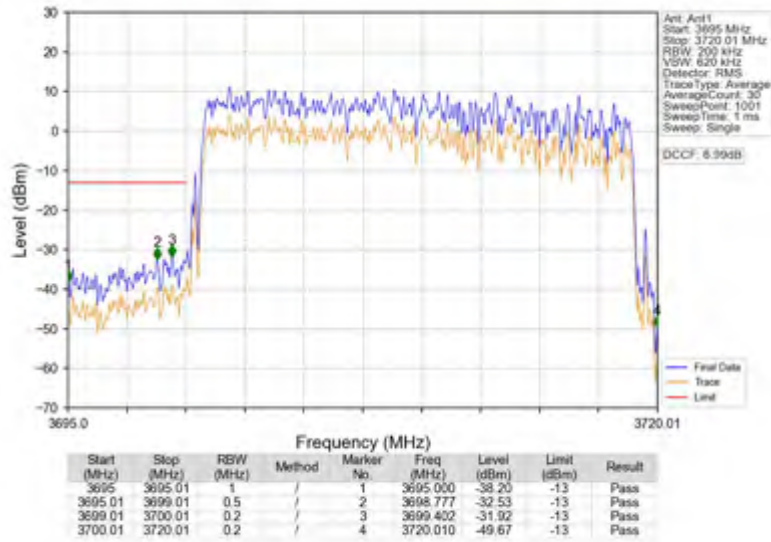
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



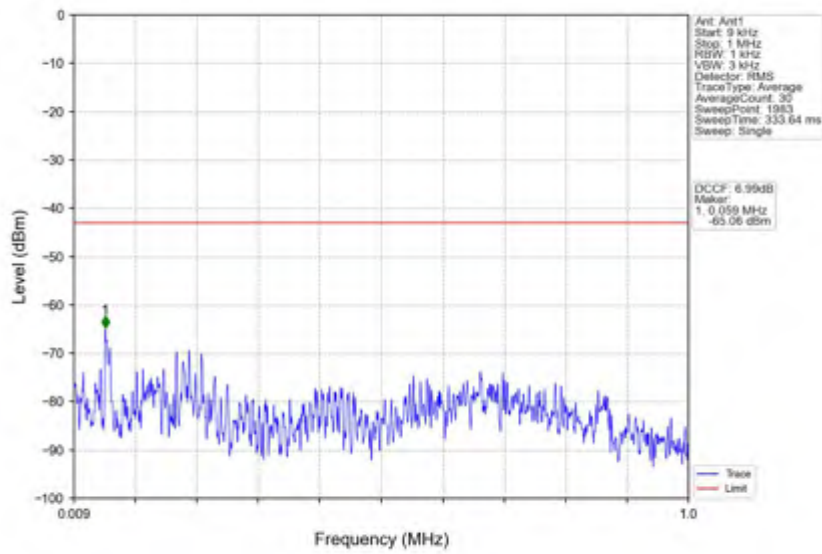
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



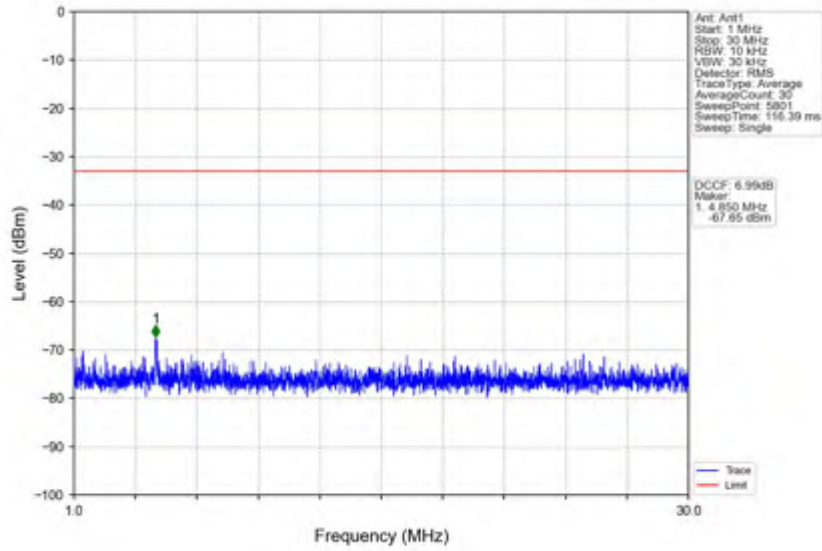
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full



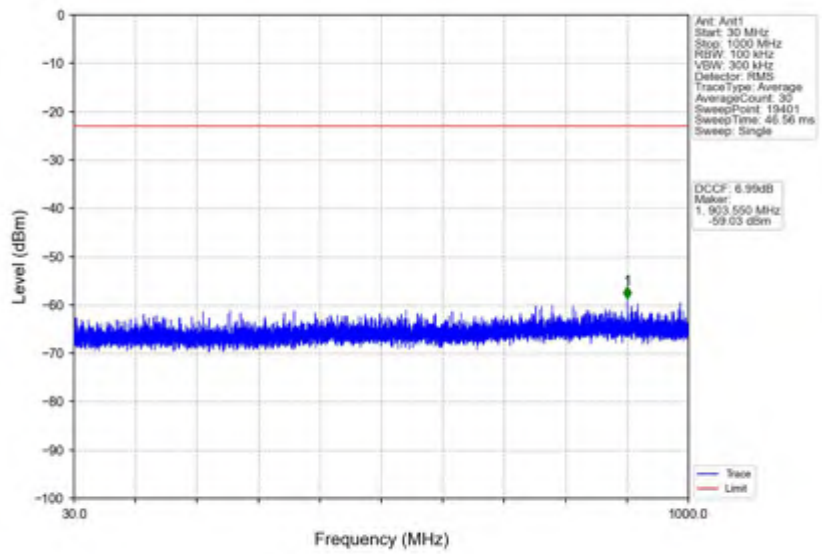
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full



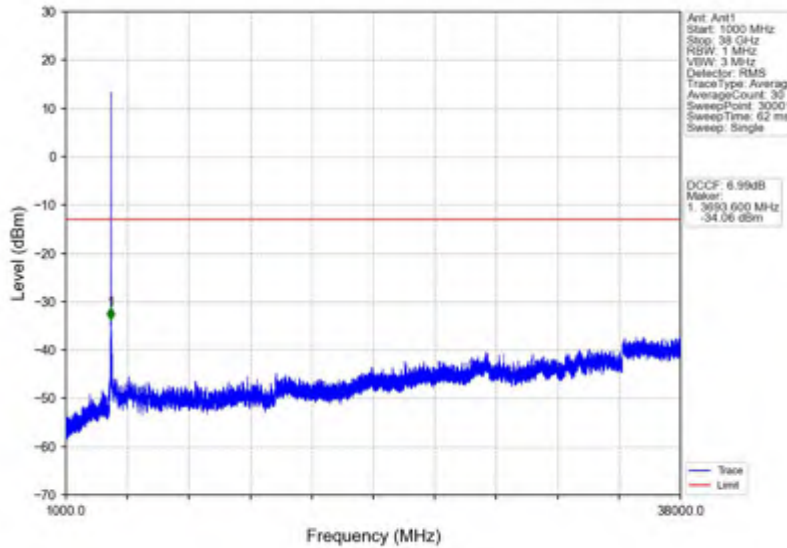
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full



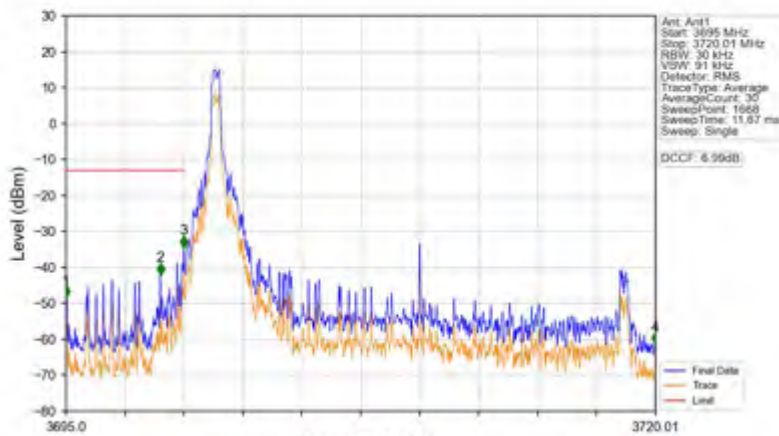
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full



n78(3700-3800MHz) 30kHz SISO NTV 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full

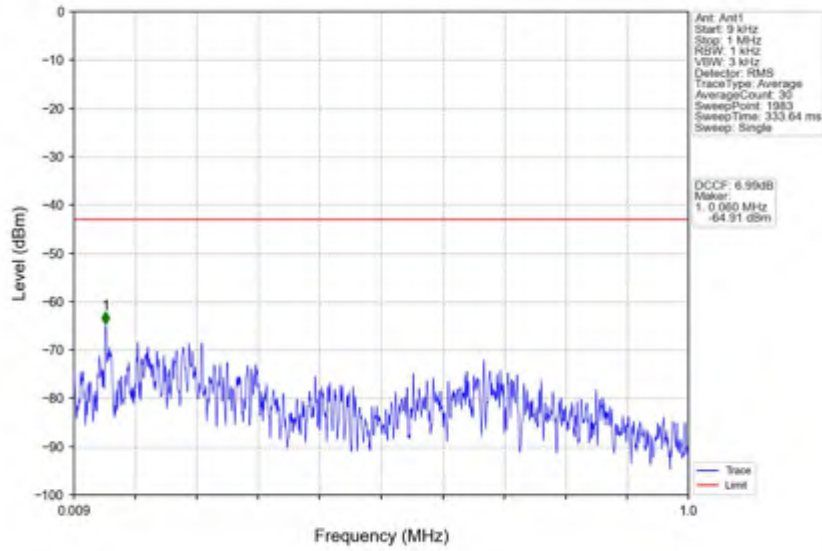


n78(3700-3800MHz)_30kHz_SISO_NTV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Inner_1RB_Left

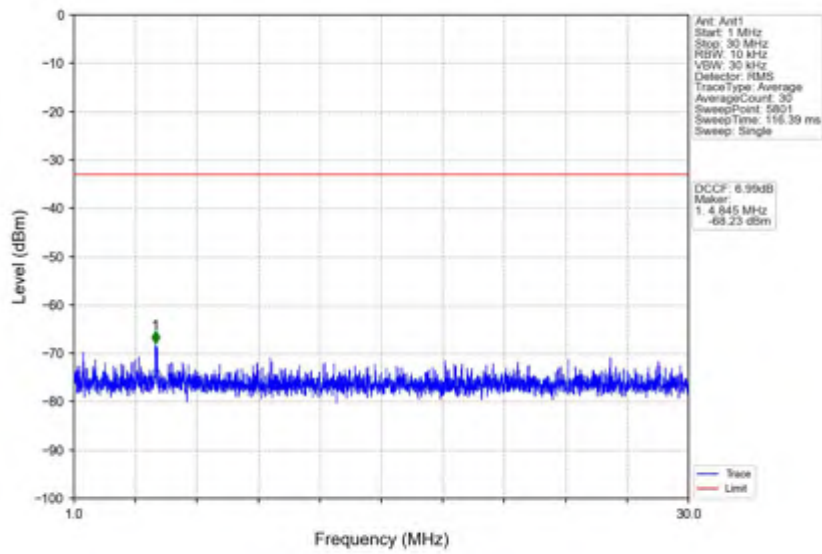


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	1	/	1	3695.000	-48.33	-13	Pass
3695.01	3699.01	0.5	/	2	3699.006	-42.09	-13	Pass
3699.01	3700.01	0.03	/	3	3699.996	-34.53	-13	Pass
3700.01	3720.01	0.03	/	4	3720.010	-61.32	-13	Pass

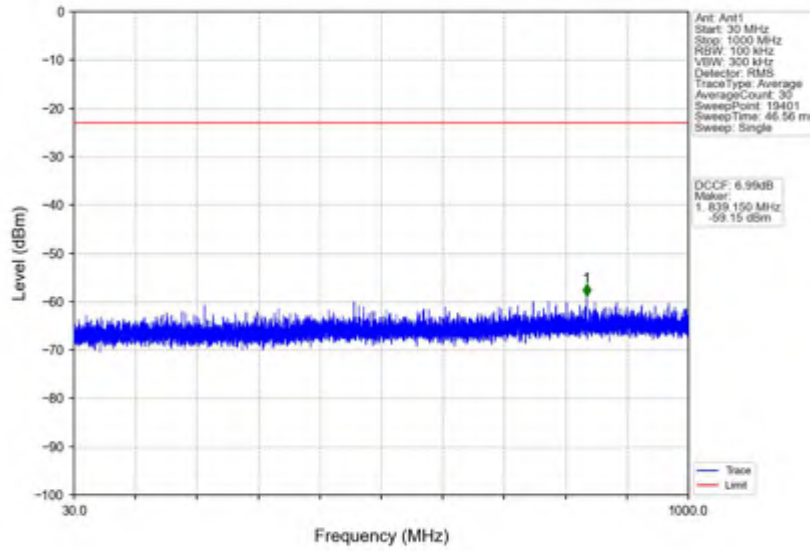
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



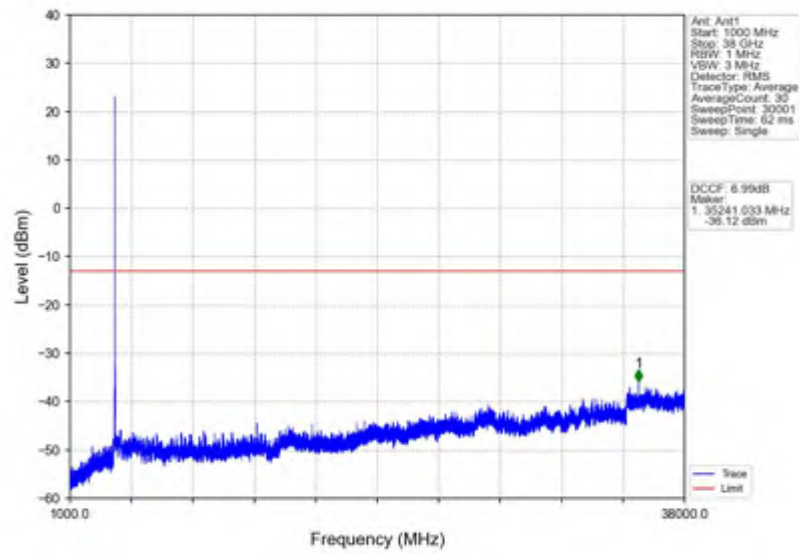
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



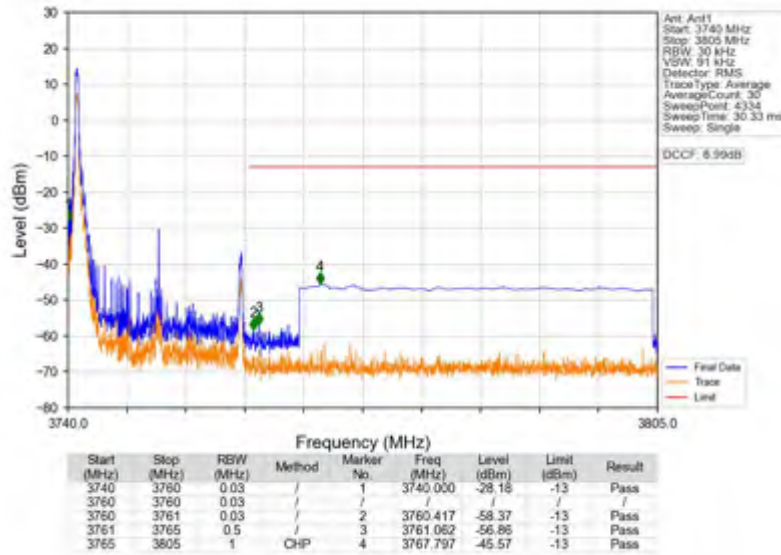
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



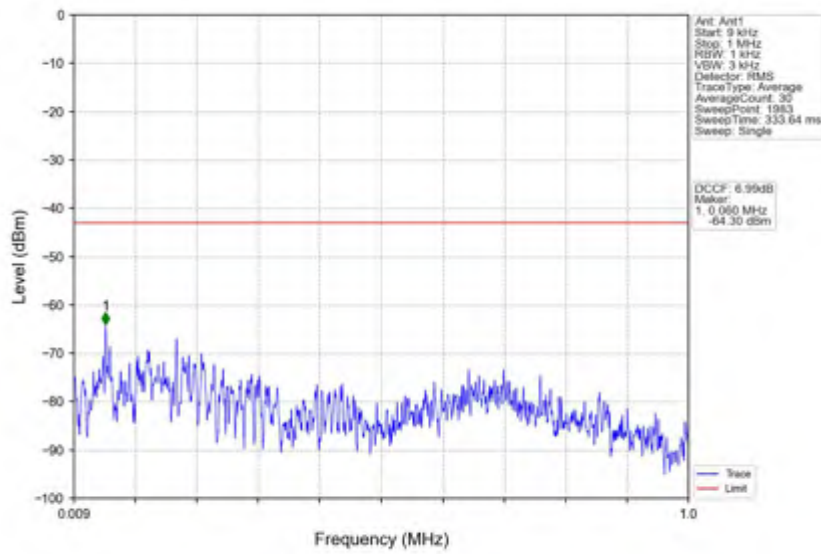
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



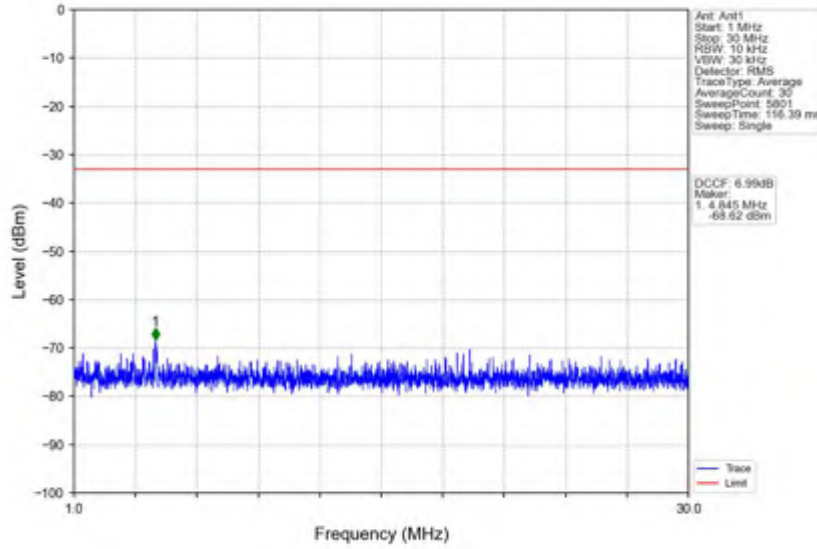
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



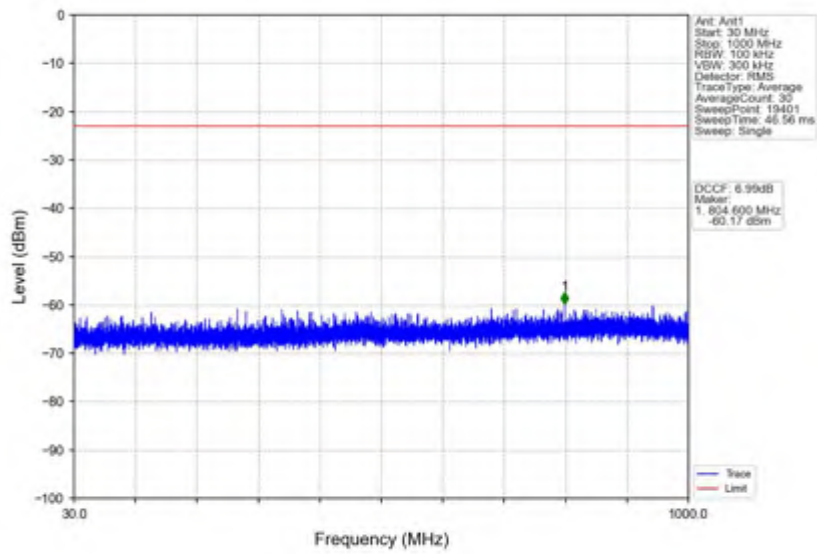
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



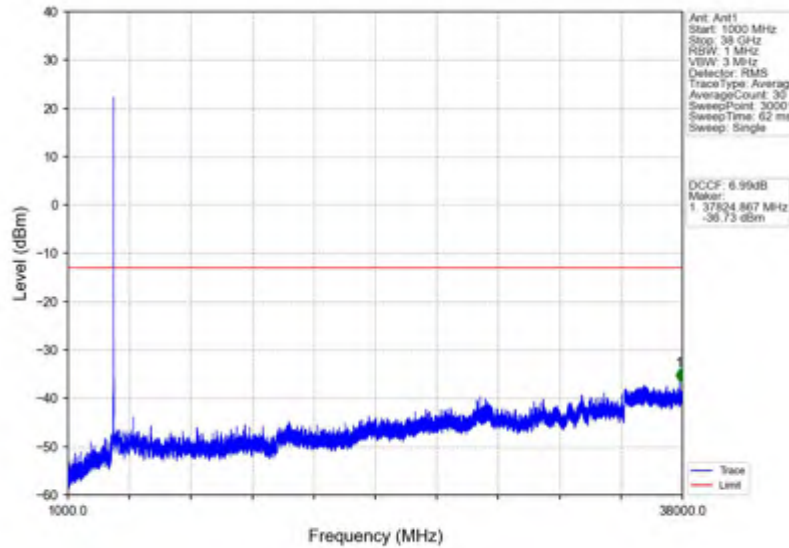
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



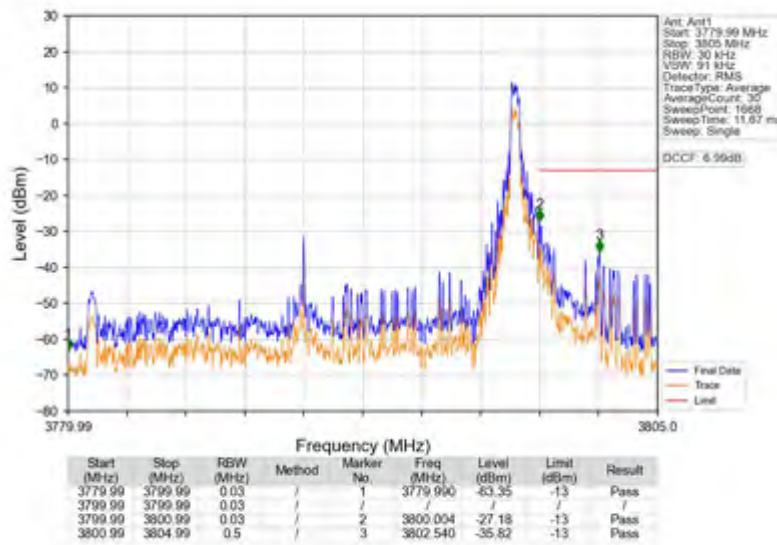
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



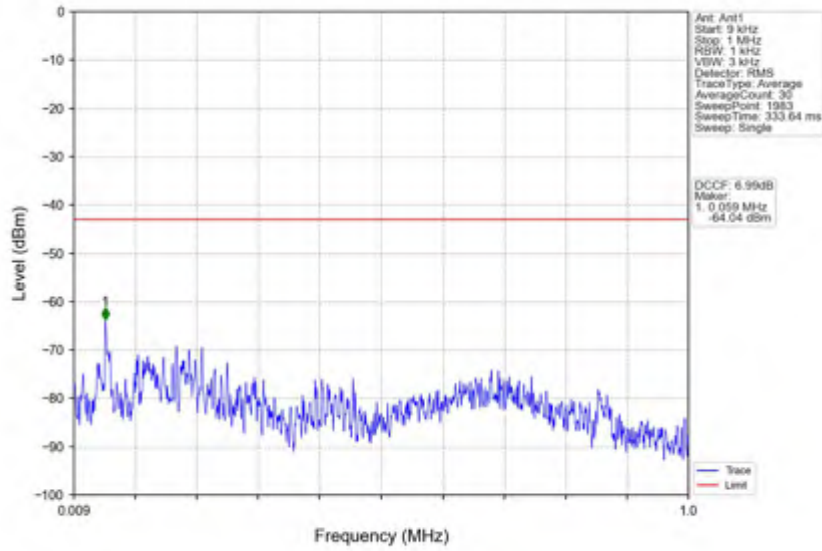
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



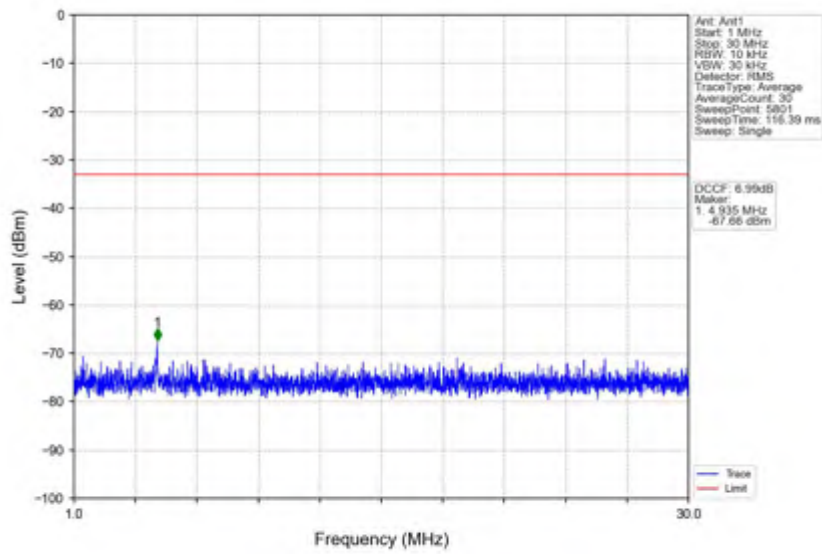
n78(3700-3800MHz) 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3789.99MHz Edge 1RB Right



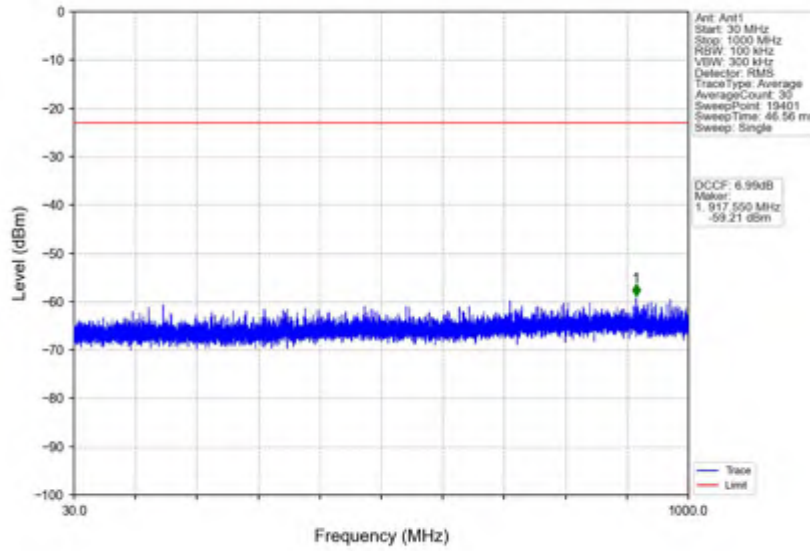
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Edge_1RB_Right



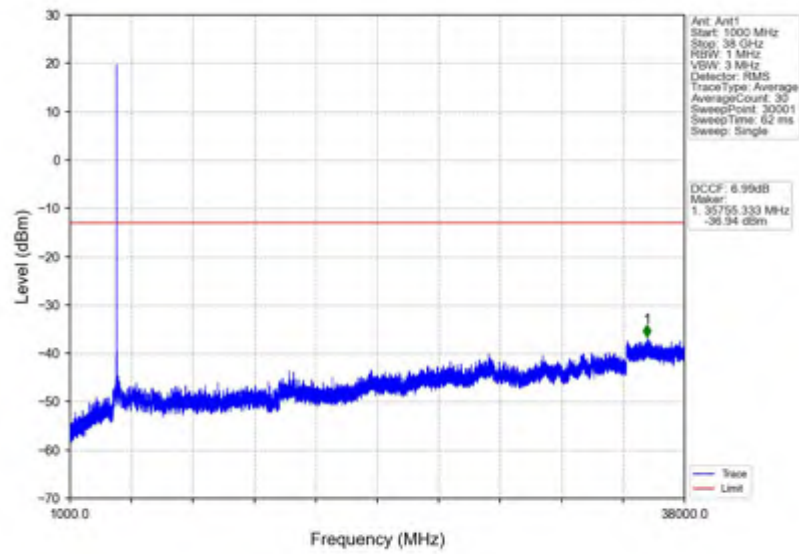
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Edge_1RB_Right



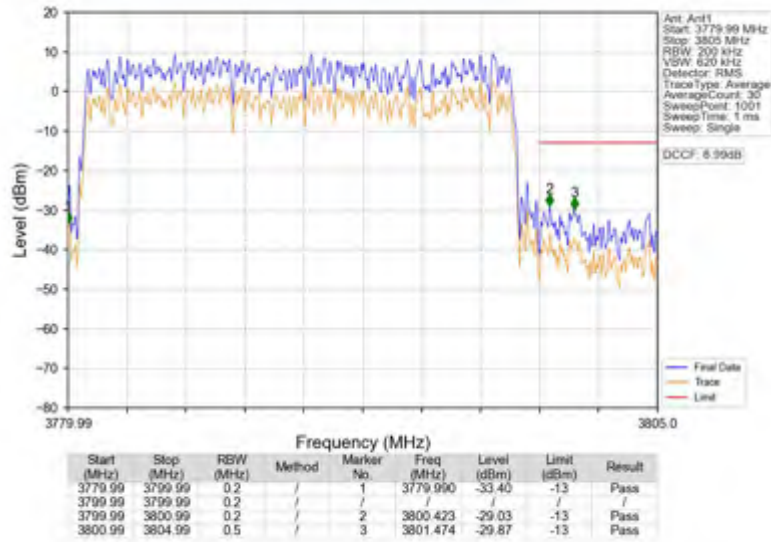
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Edge_1RB_Right



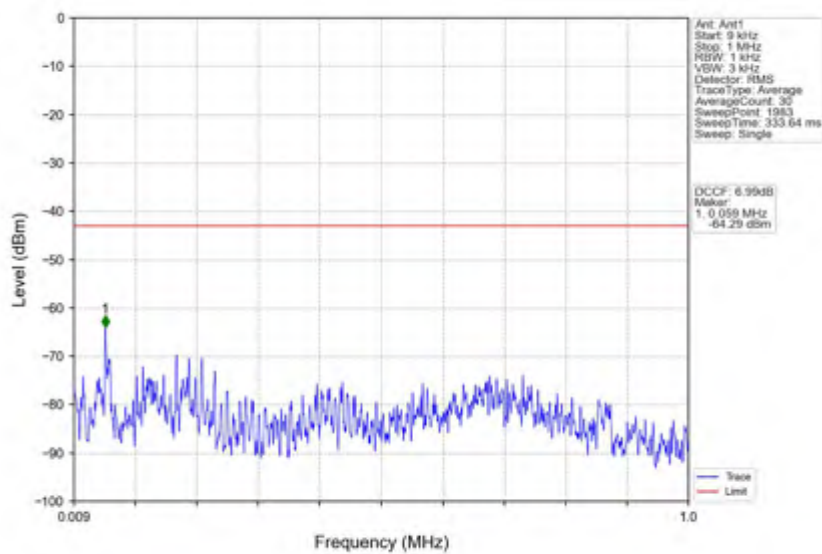
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Edge_1RB_Right



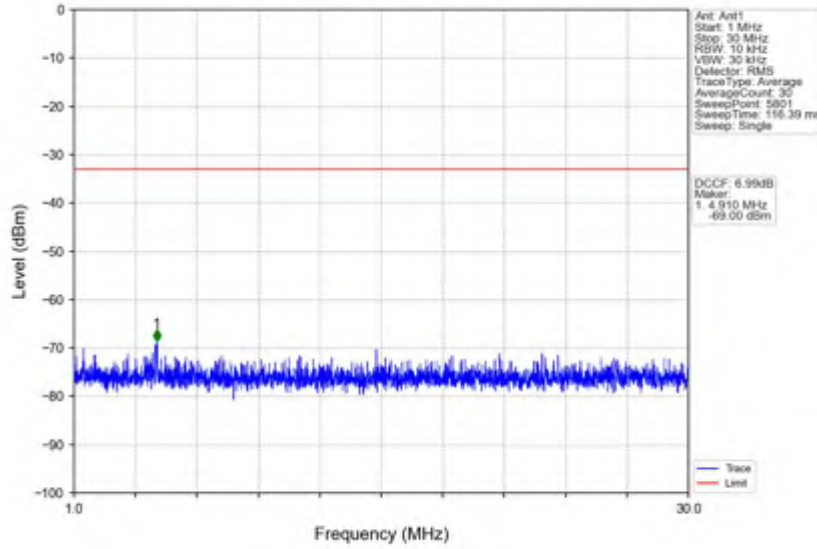
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM QPSK 3789.99MHz Outer Full



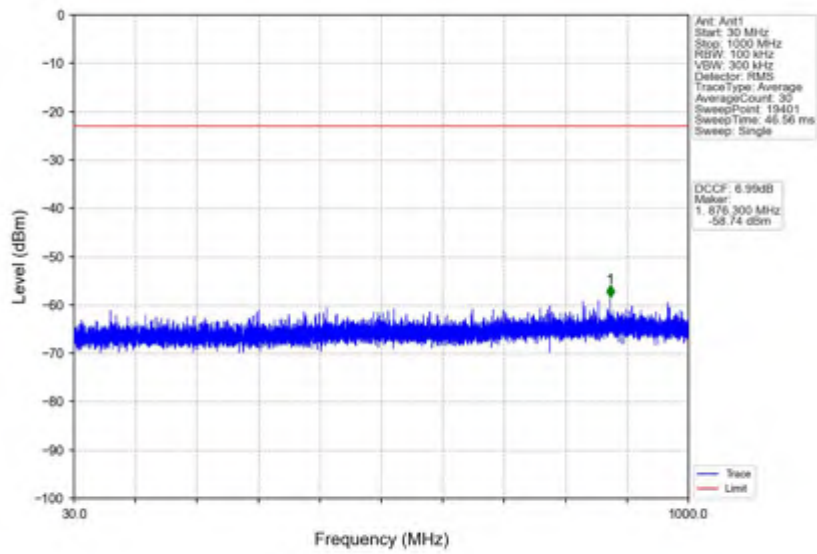
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz DFT-s-OFDM QPSK 3789.99MHz Outer Full



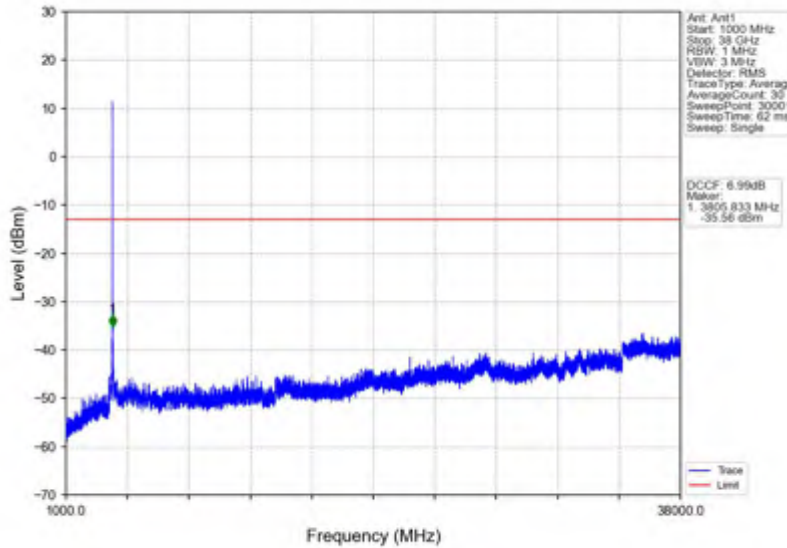
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Outer_Full



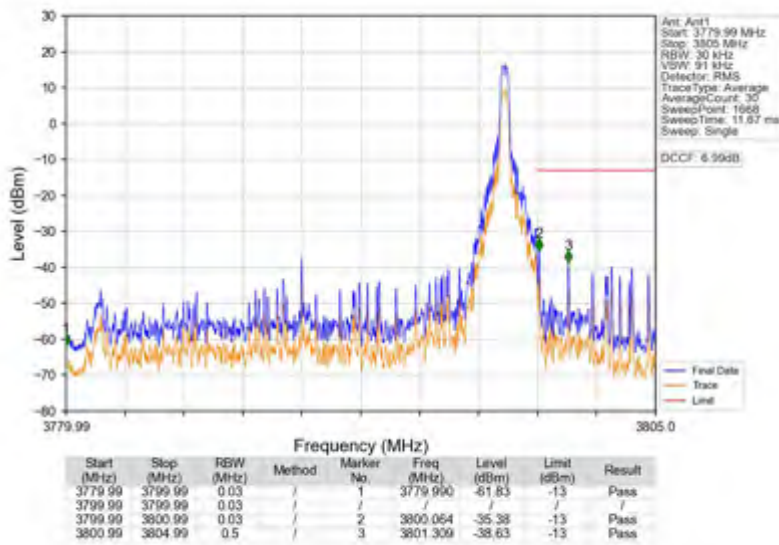
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Outer_Full



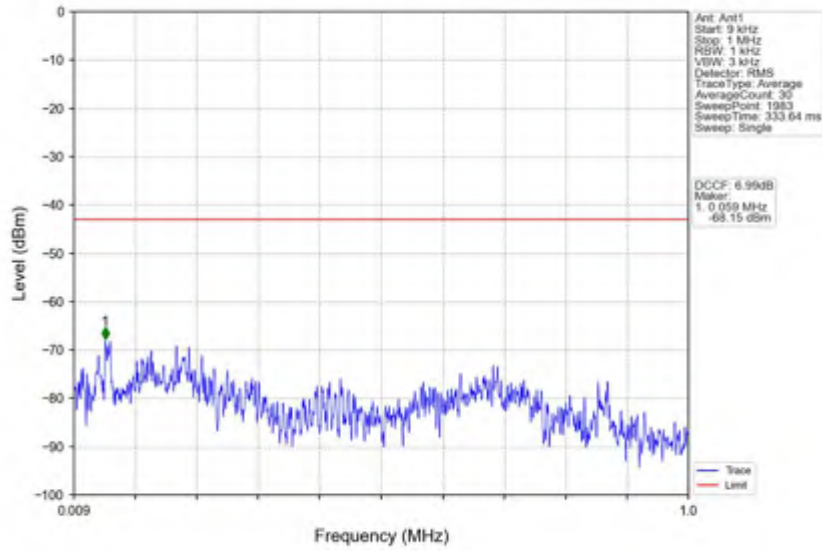
n78(3700-3800MHz) 30kHz SISO NTV 20MHz DFT-s-OFDM QPSK 3789.99MHz Outer Full



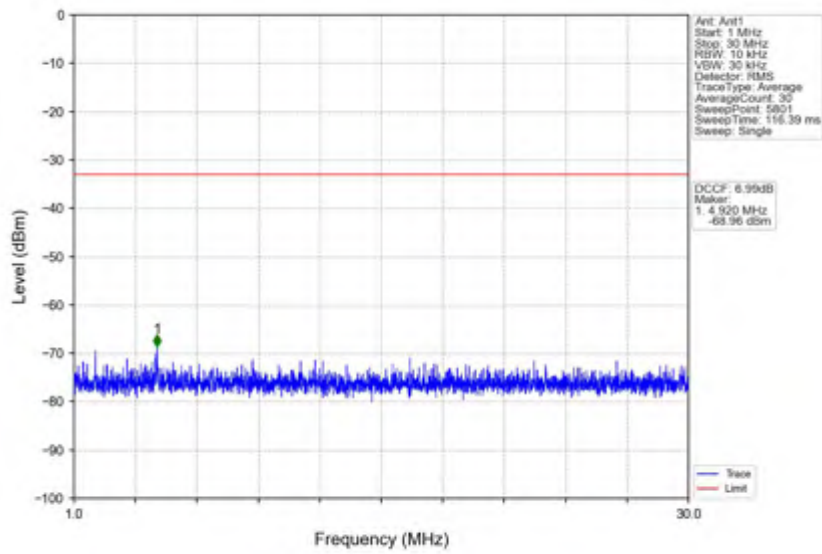
n78(3700-3800MHz) 30kHz SISO NTV 20MHz DFT-s-OFDM QPSK 3789.99MHz Inner 1RB Right



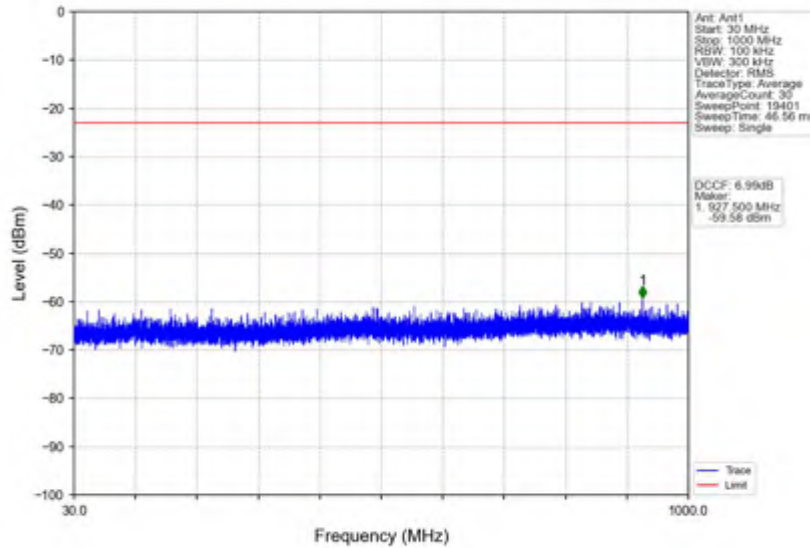
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Inner_1RB_Right



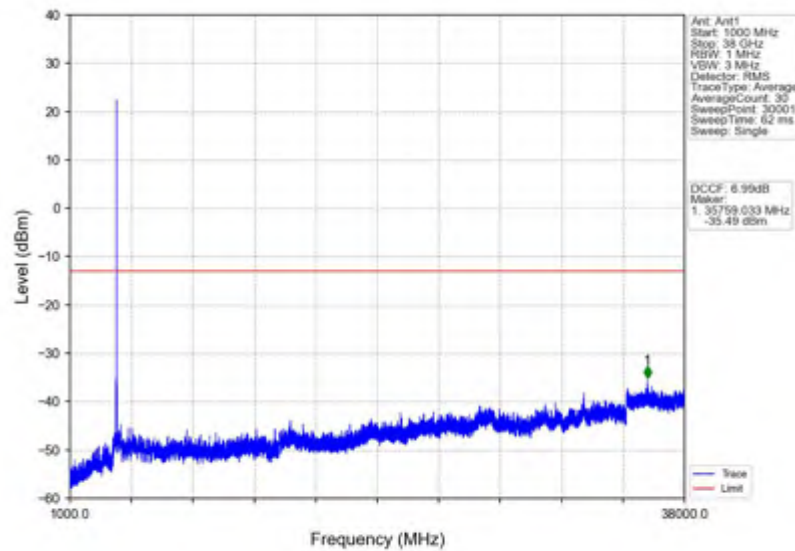
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Inner_1RB_Right



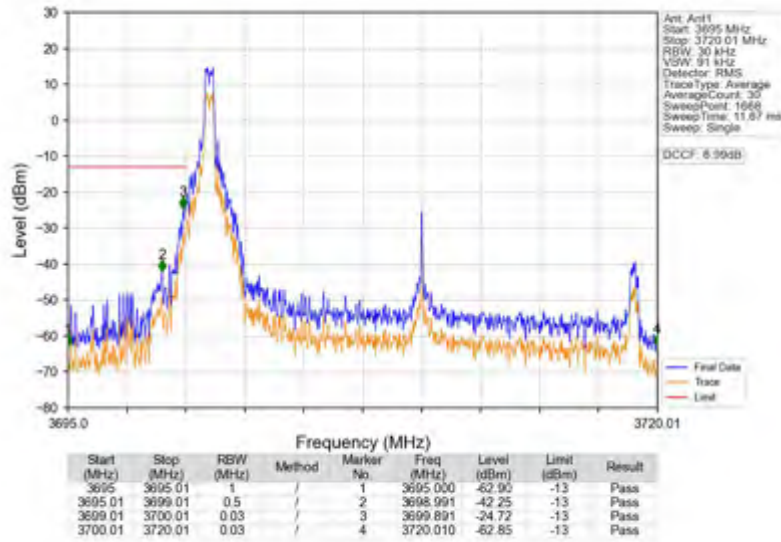
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Inner_1RB_Right



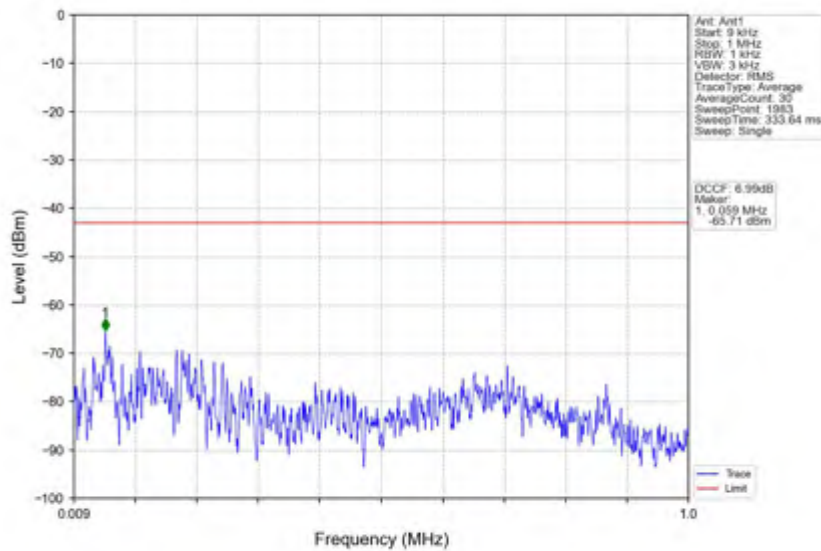
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3789.99MHz_Inner_1RB_Right



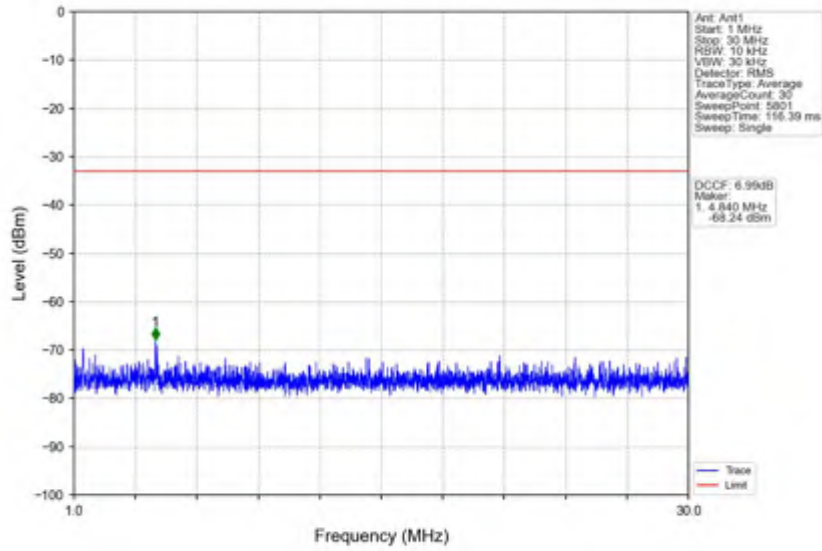
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



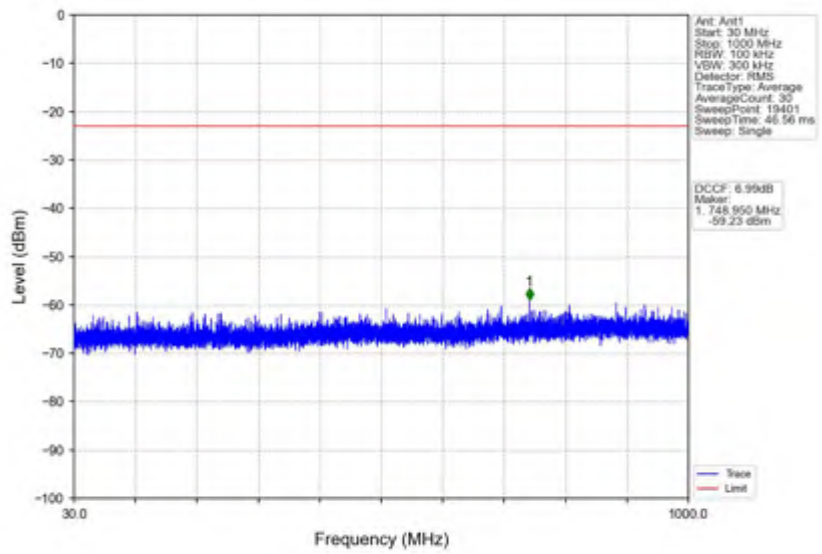
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



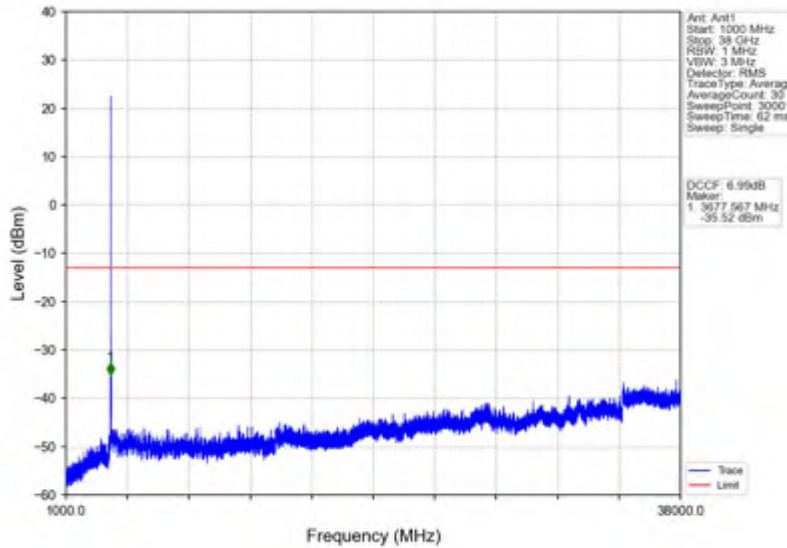
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



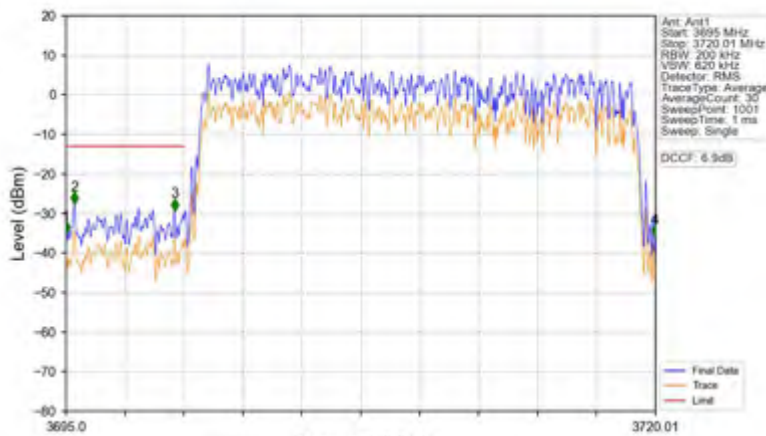
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left

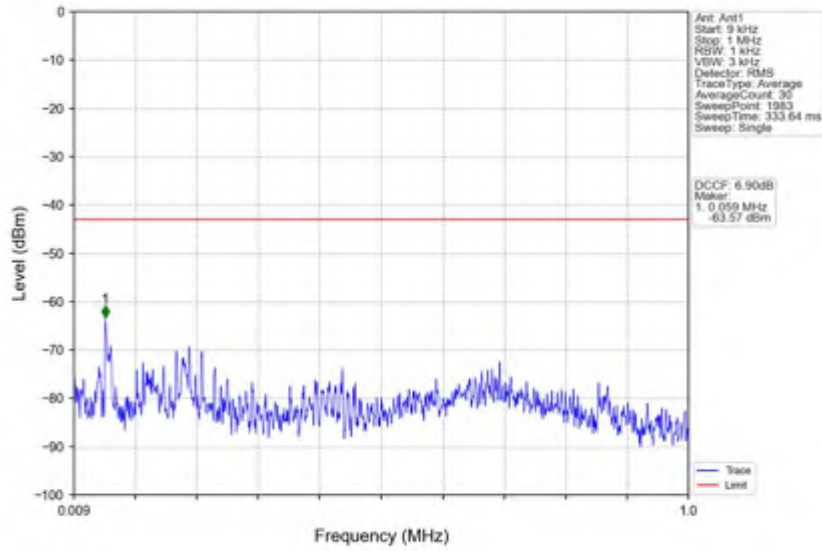


n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full

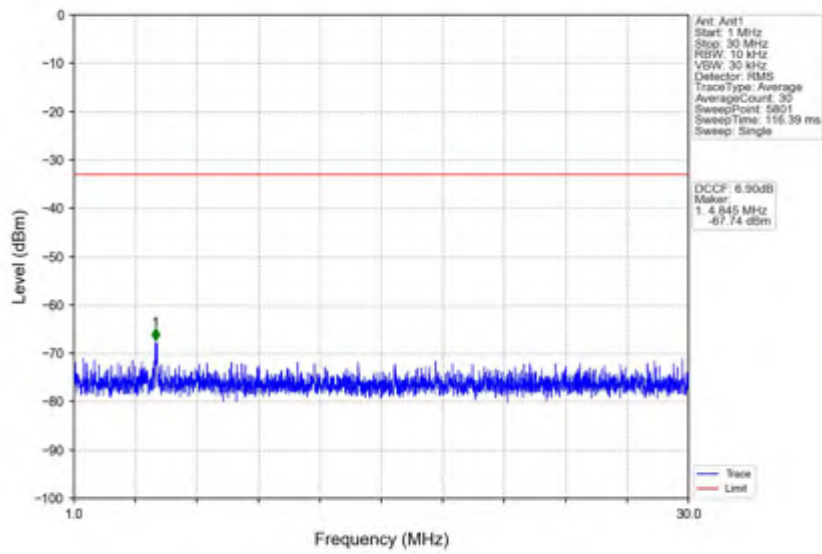


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	1	/	1	3695.000	-35.01	-13	Pass
3695.01	3699.01	0.5	/	2	3695.350	-27.63	-13	Pass
3699.01	3700.01	0.2	/	3	3699.602	-29.29	-13	Pass
3700.01	3720.01	0.2	/	4	3720.010	-35.90	-13	Pass

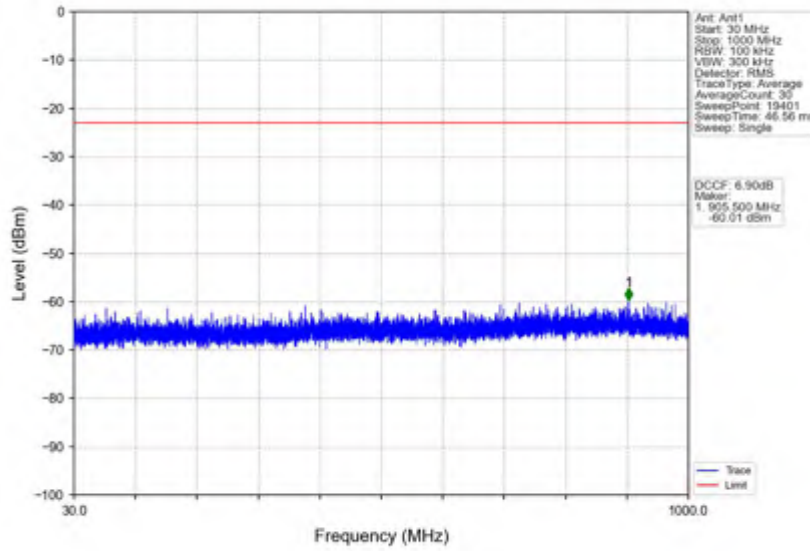
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full



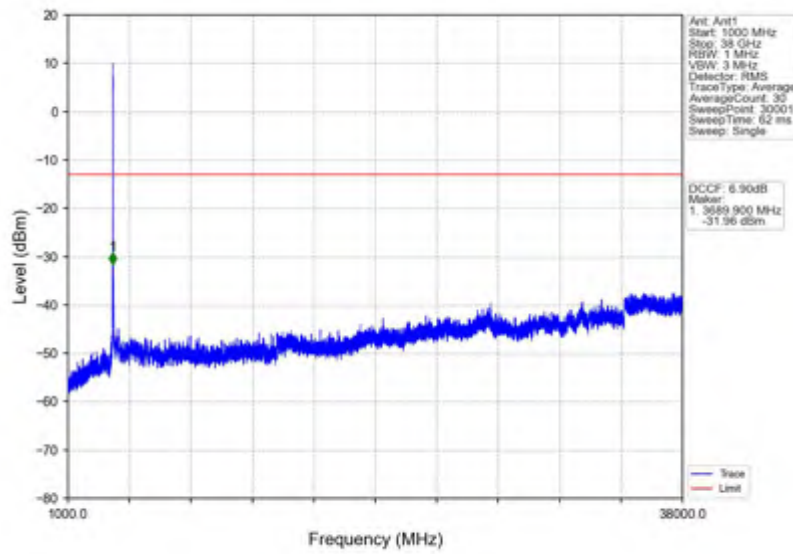
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full



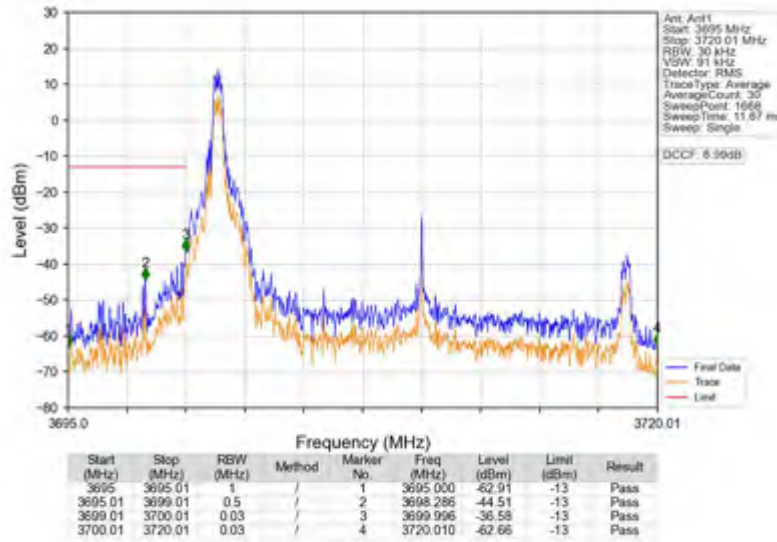
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full



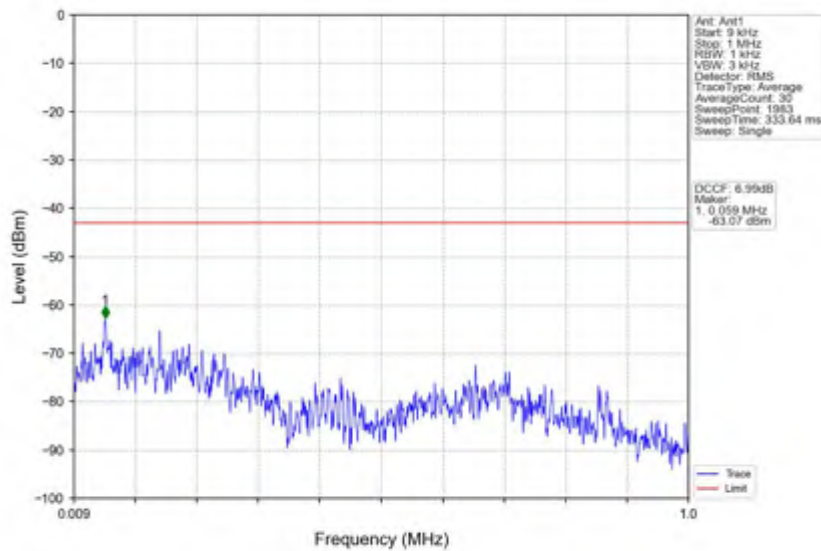
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full



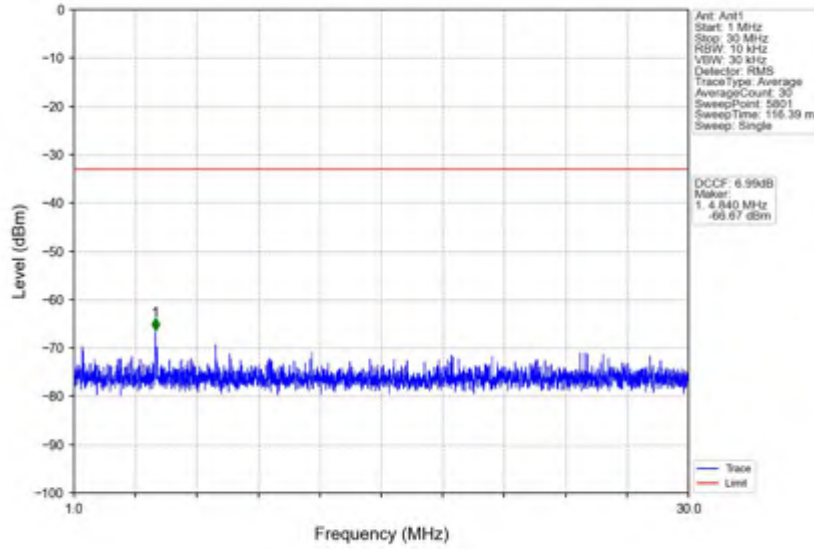
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



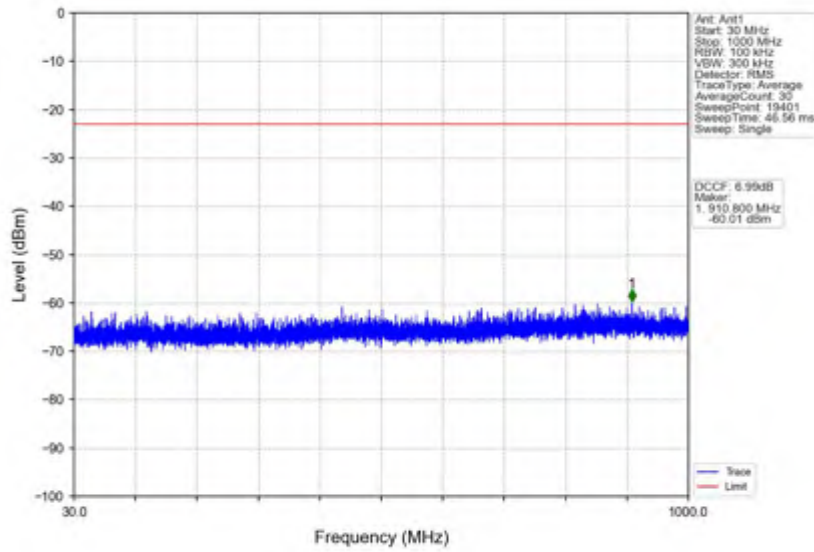
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



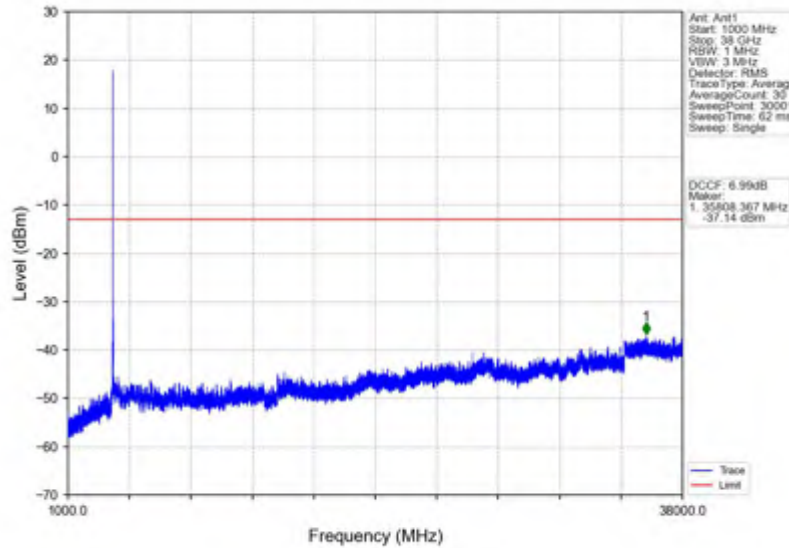
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



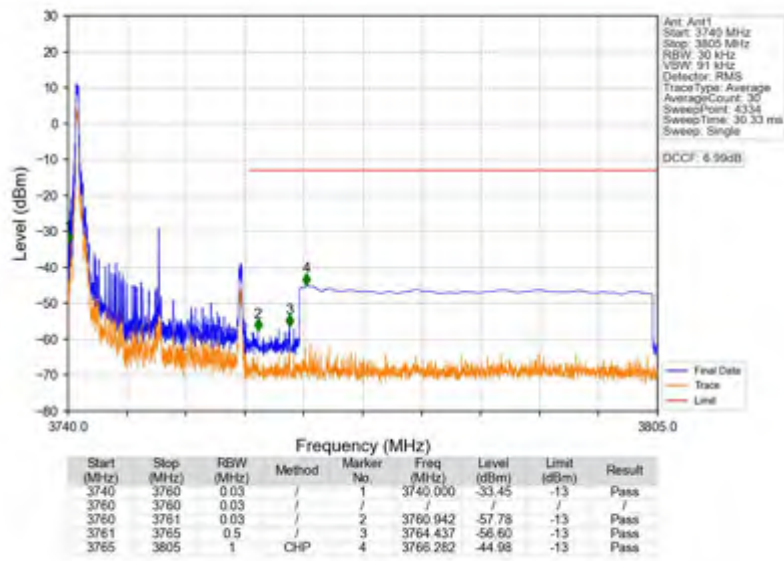
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



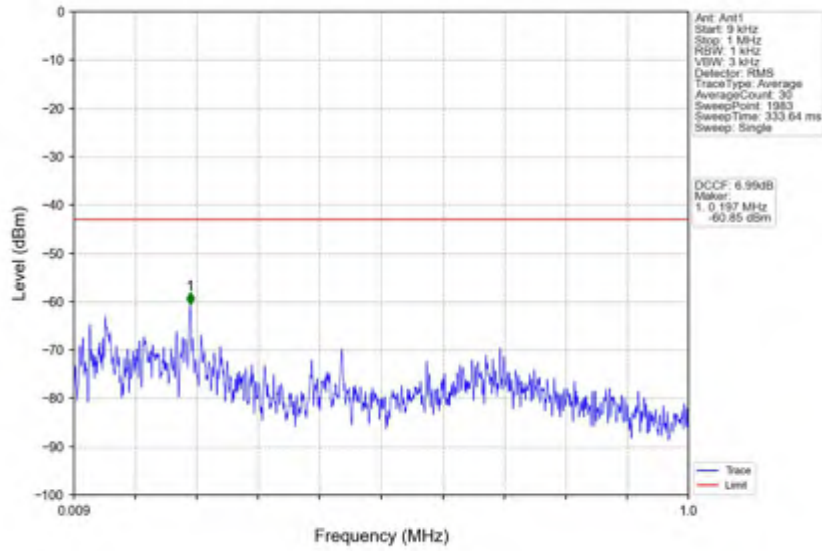
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Inner_1RB_Left



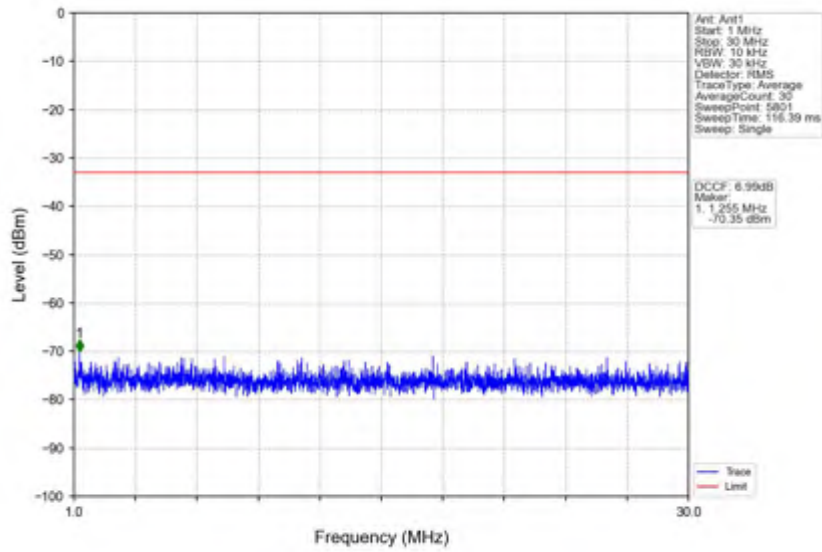
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left



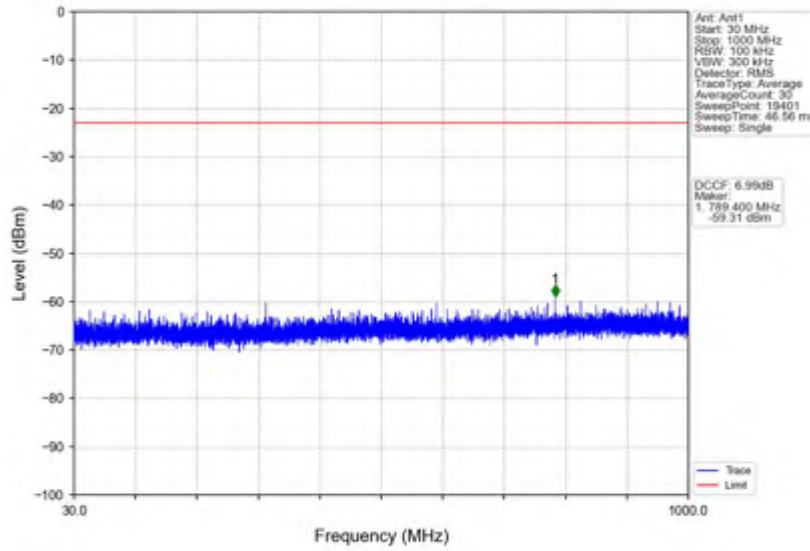
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left



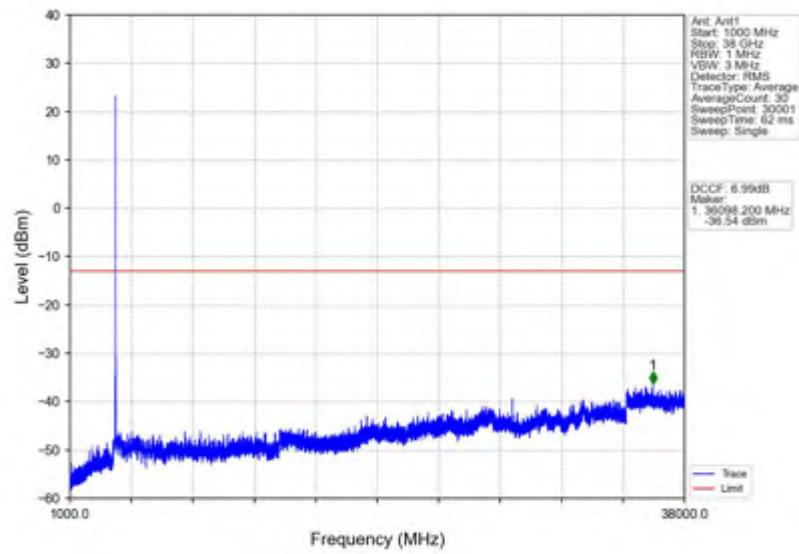
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left



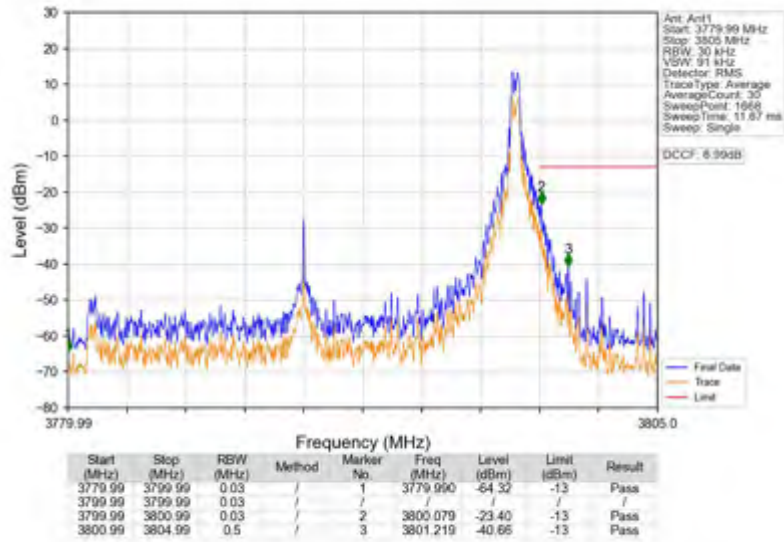
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left



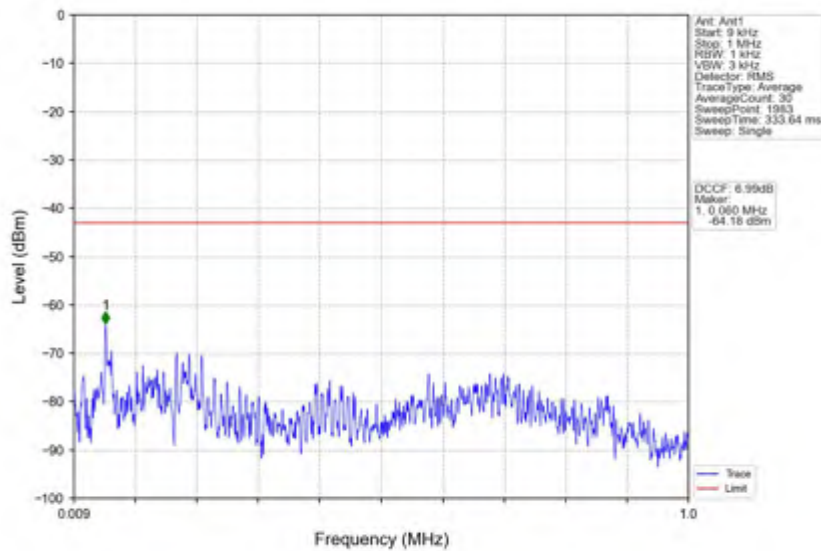
n78(3700-3800MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left



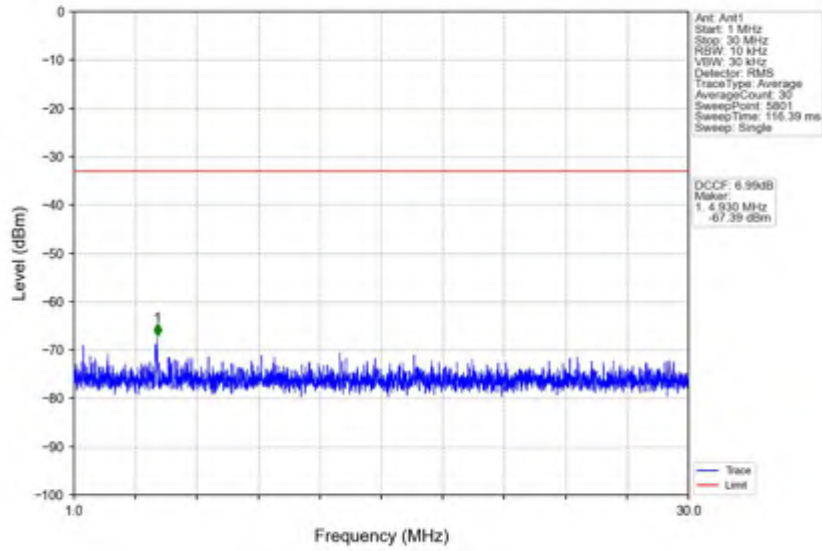
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



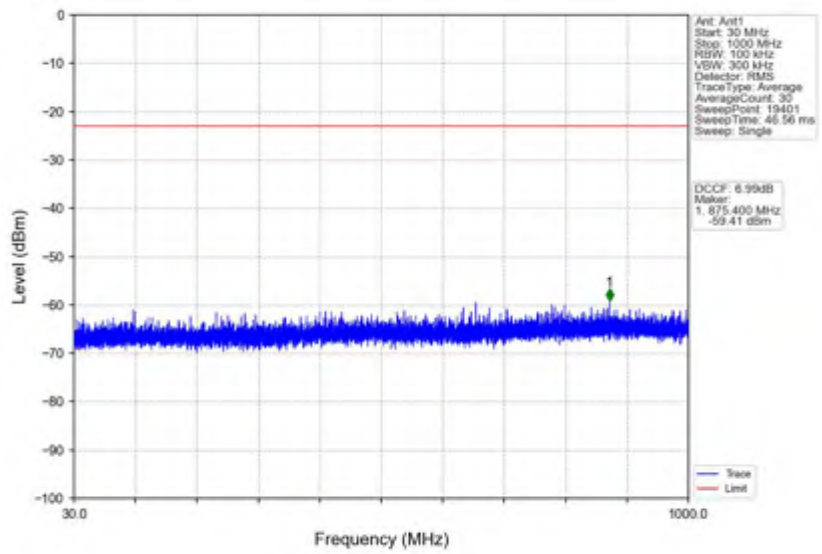
n78(3700-3800MHz) 30kHz SISO NTVN 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



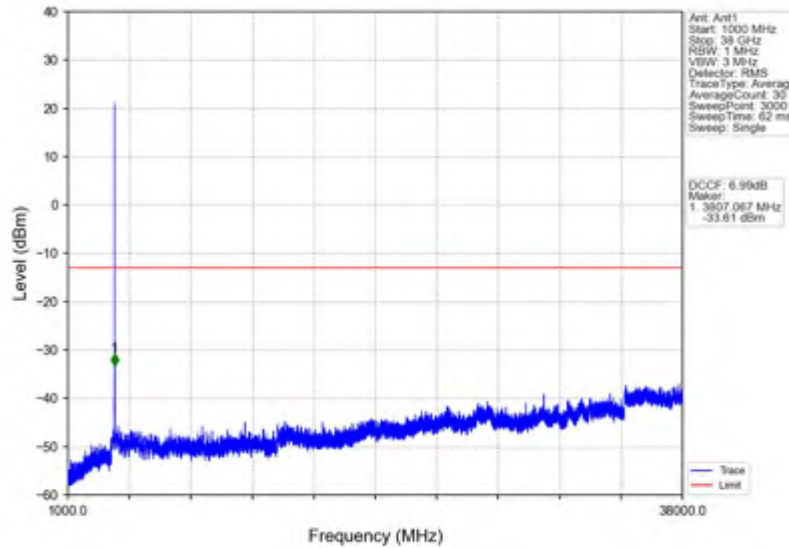
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Edge_1RB_Right



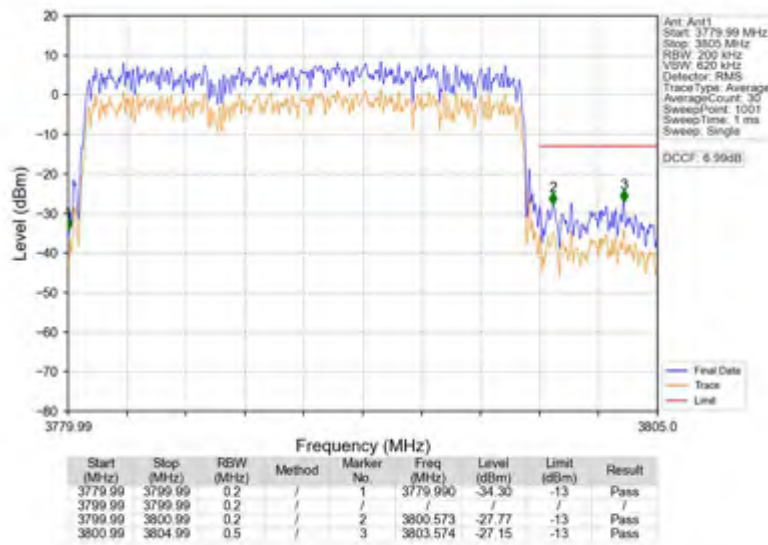
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Edge_1RB_Right



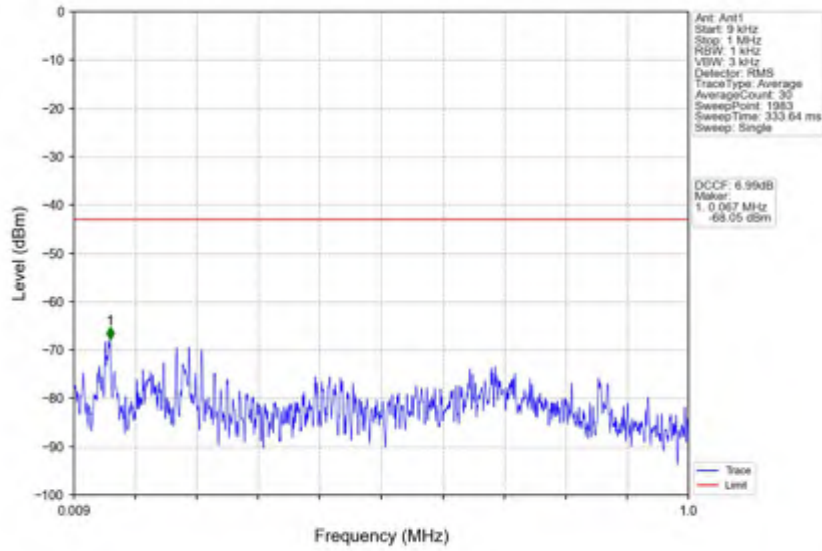
n78(3700-3800MHz) 30kHz SISO NTN 20MHz CP-OFDM QPSK 3789.99MHz Edge 1RB Right



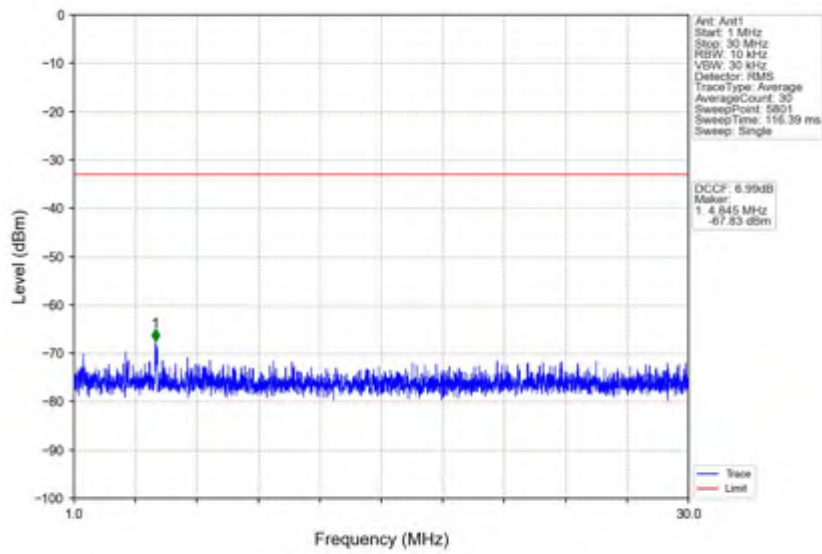
n78(3700-3800MHz) 30kHz SISO NTN 20MHz CP-OFDM QPSK 3789.99MHz Outer_Full



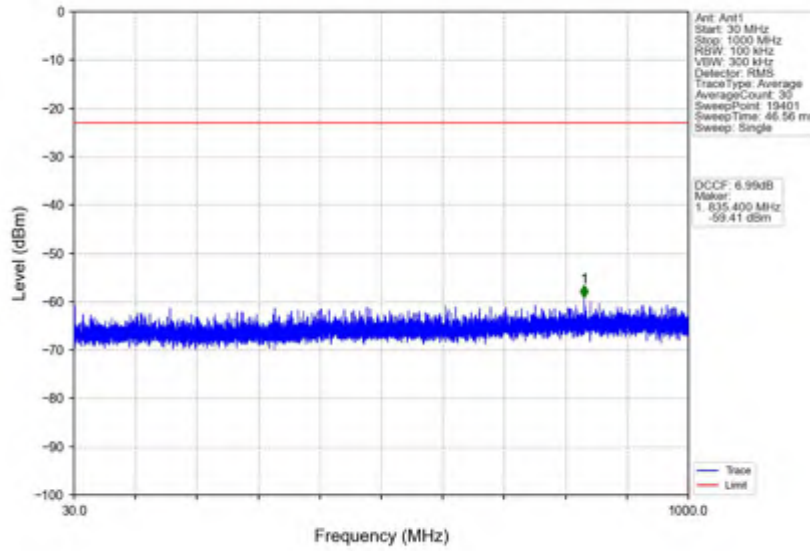
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3789.99MHz_Outer_Full



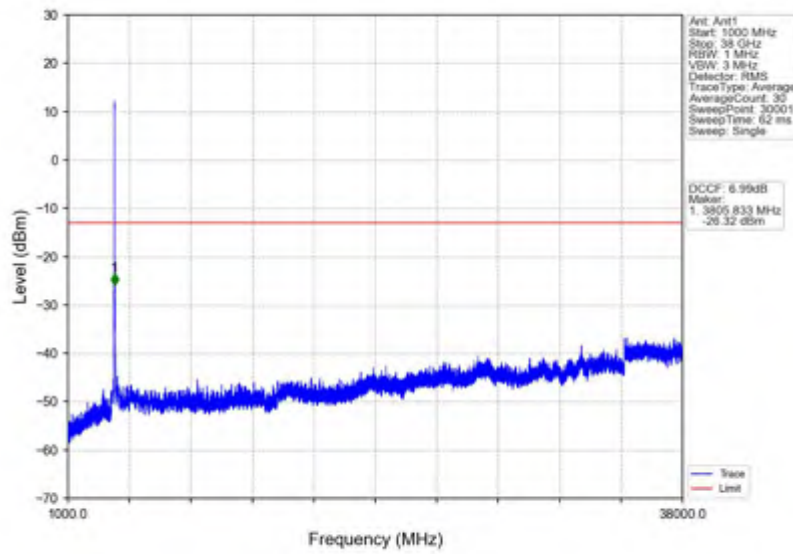
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3789.99MHz_Outer_Full



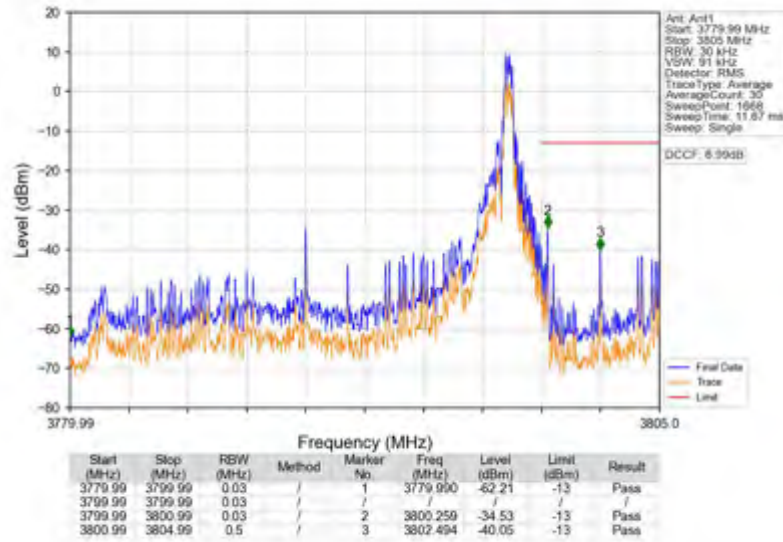
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3789.99MHz_Outer_Full



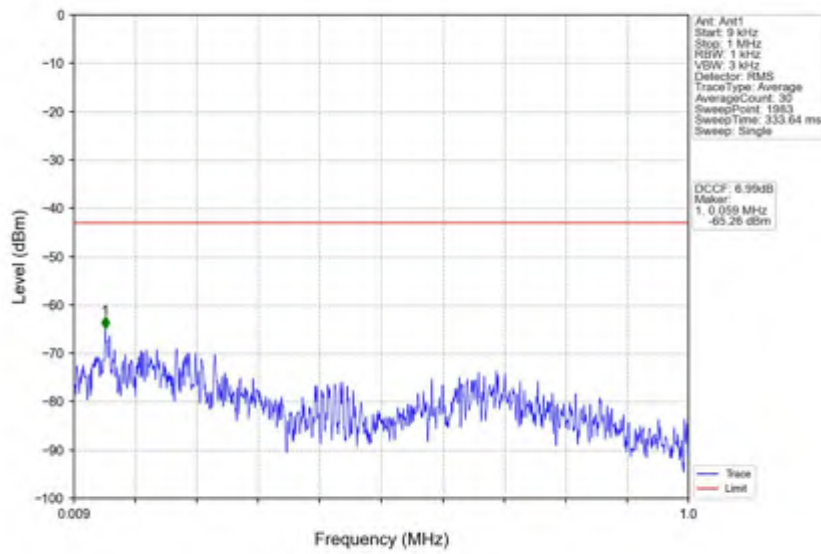
n78(3700-3800MHz) 30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3789.99MHz_Outer_Full



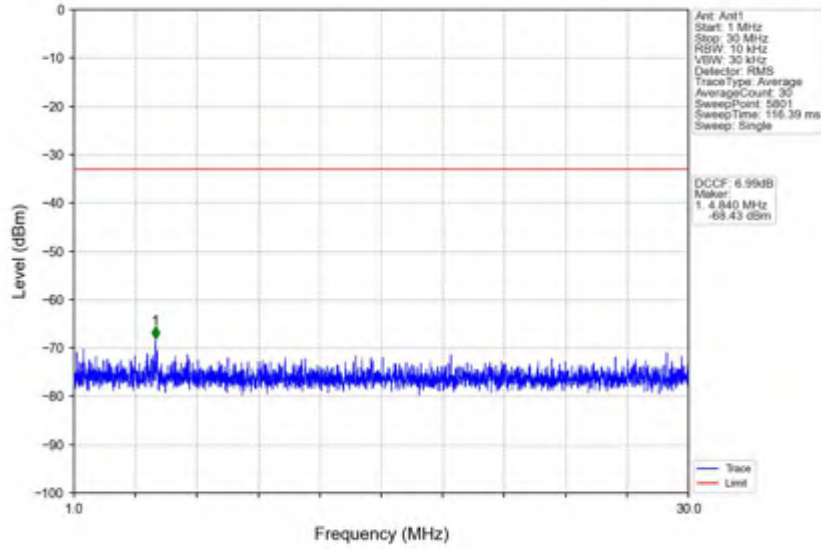
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_CP-OFDM QPSK 3789.99MHz Inner_1RB_Right



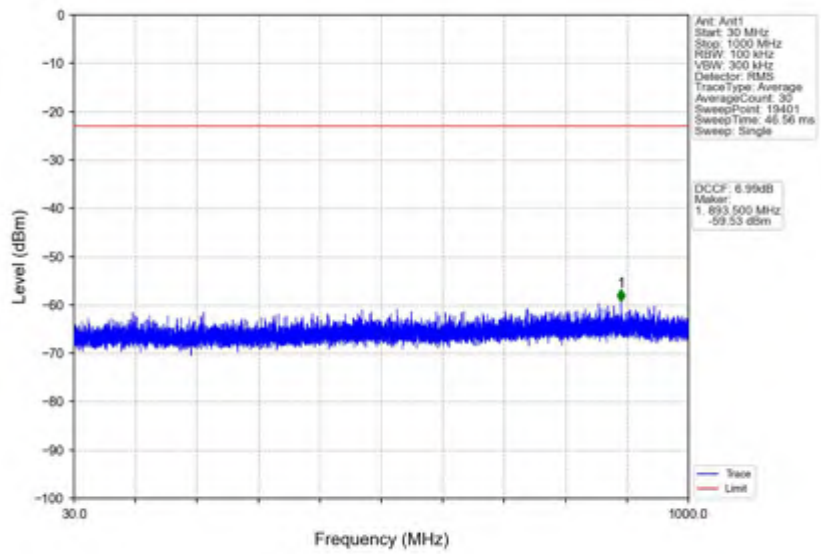
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_CP-OFDM QPSK 3789.99MHz Inner_1RB_Right



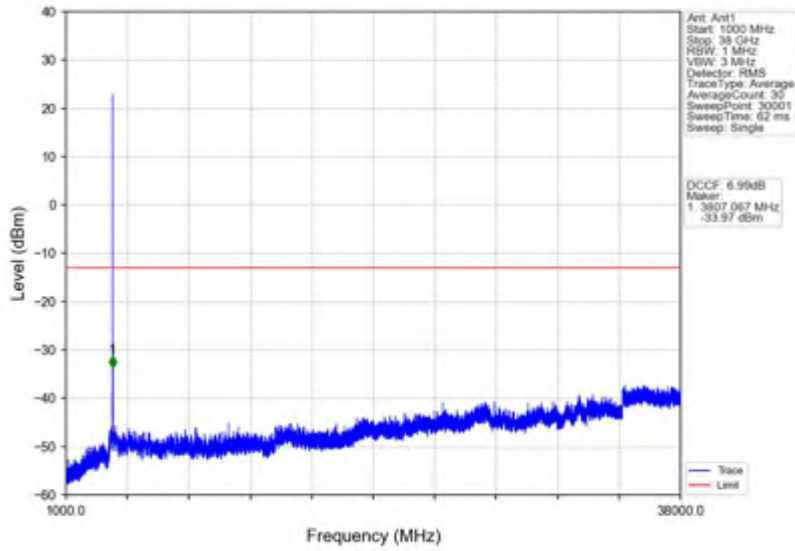
n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_CP-OFDM QPSK 3789.99MHz Inner 1RB Right



n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_CP-OFDM QPSK 3789.99MHz Inner 1RB Right



n78(3700-3800MHz) 30kHz SISO_NTNV_20MHz_CP-OFDM_QPSK 3789.99MHz Inner 1RB Right



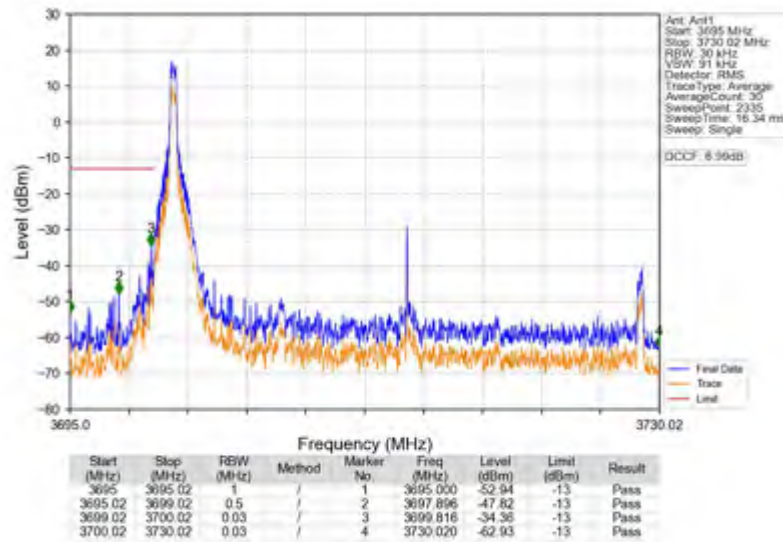
5.2 30k_SISO_30MHz_NTNV

5.2.1 Test Result

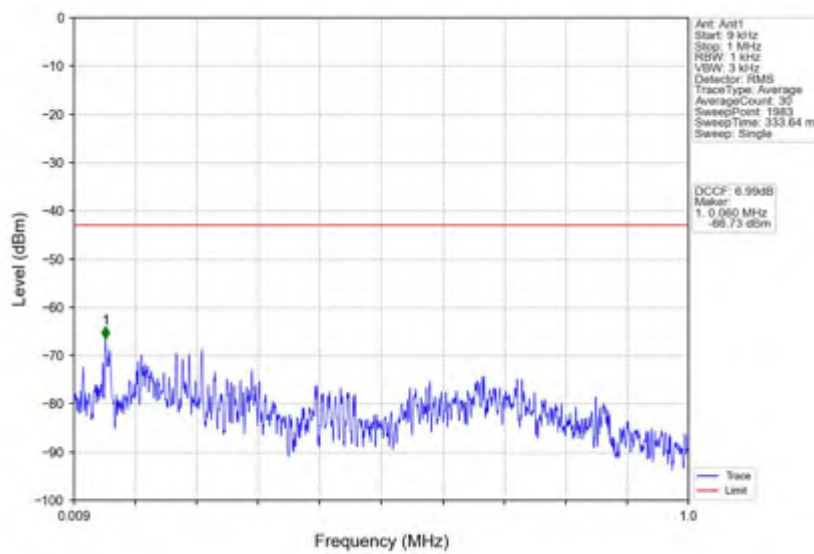
5G NR n78(3700-3800MHz) SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3750	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	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
	3750	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	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
	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3784.98	Edge_1RB_Left	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

5.2.2 Test Graph

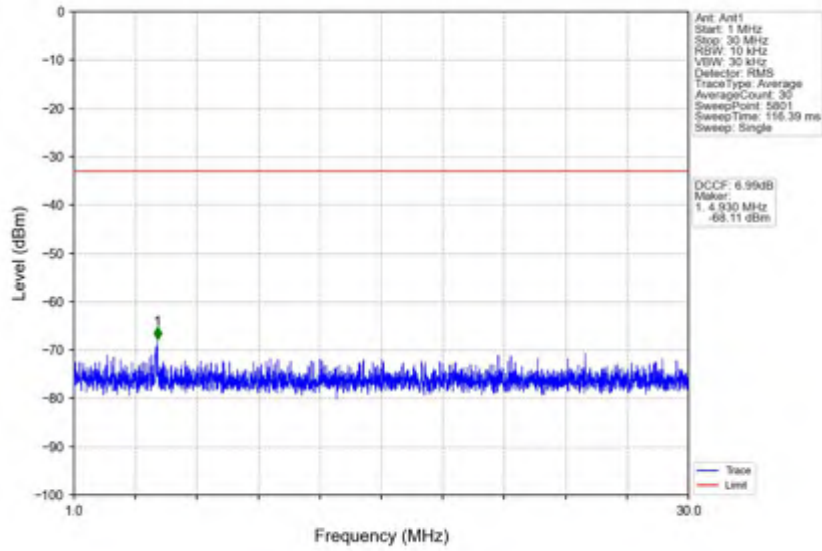
n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Edge_1RB_Left



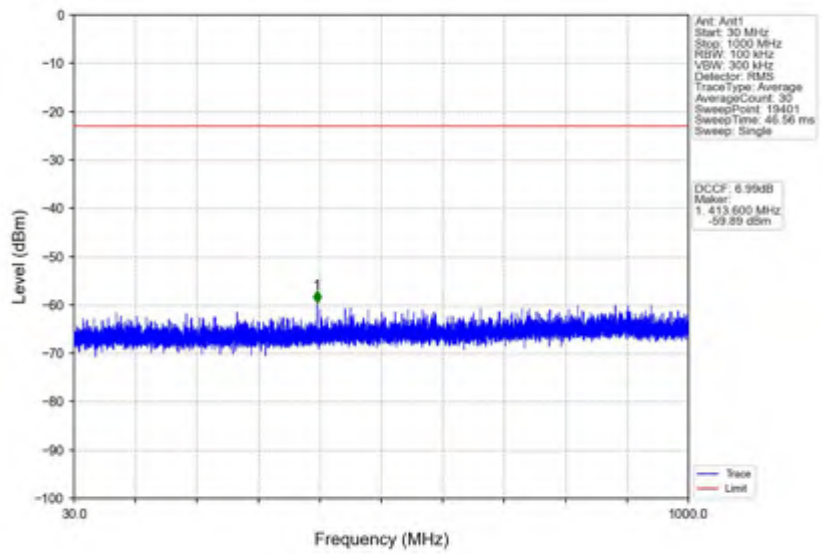
n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Edge_1RB_Left



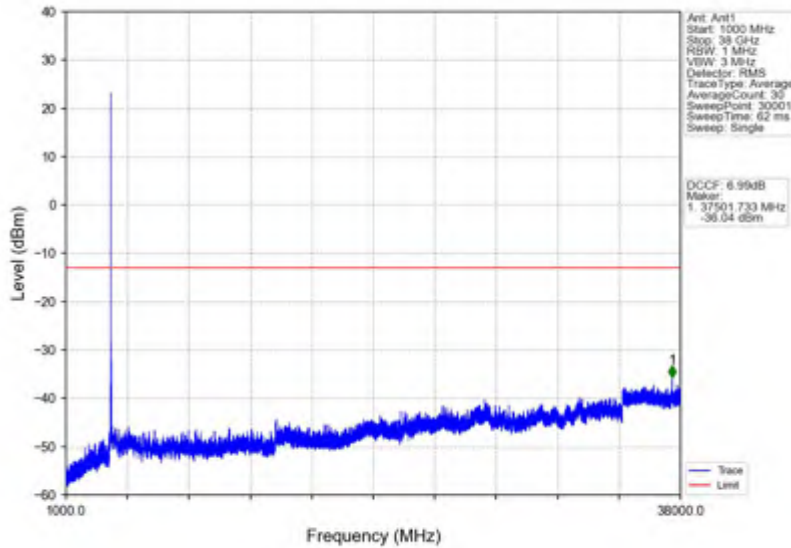
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Edge_1RB_Left



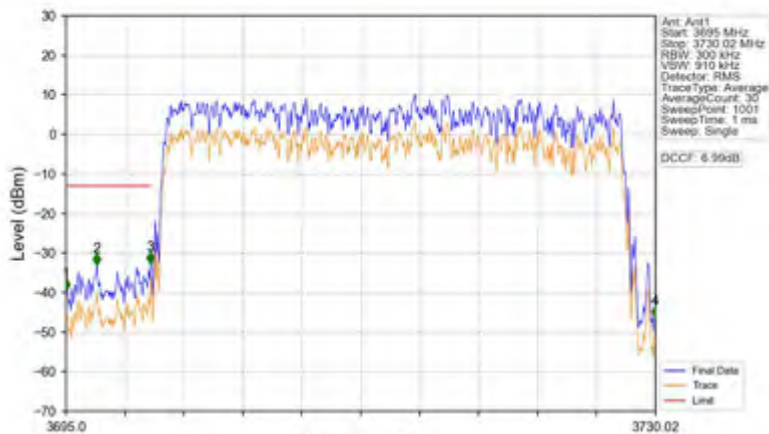
n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Edge_1RB_Left



n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Edge 1RB Left

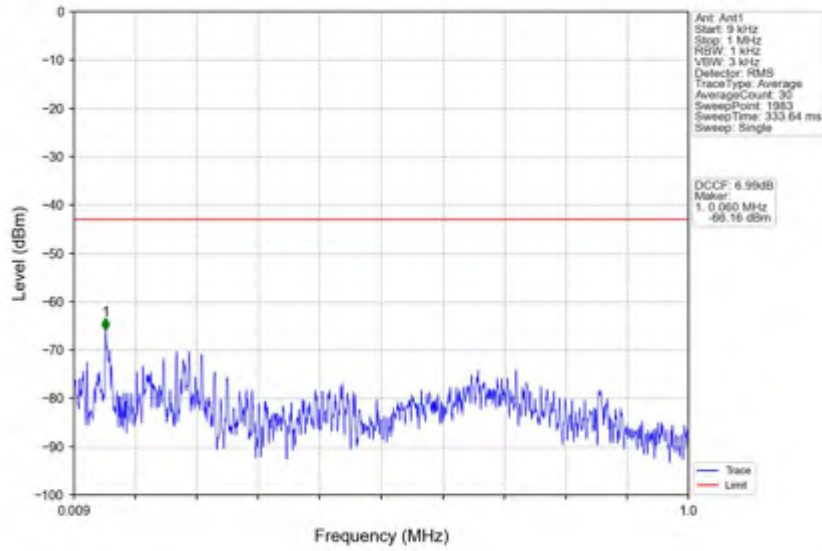


n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Outer_Full

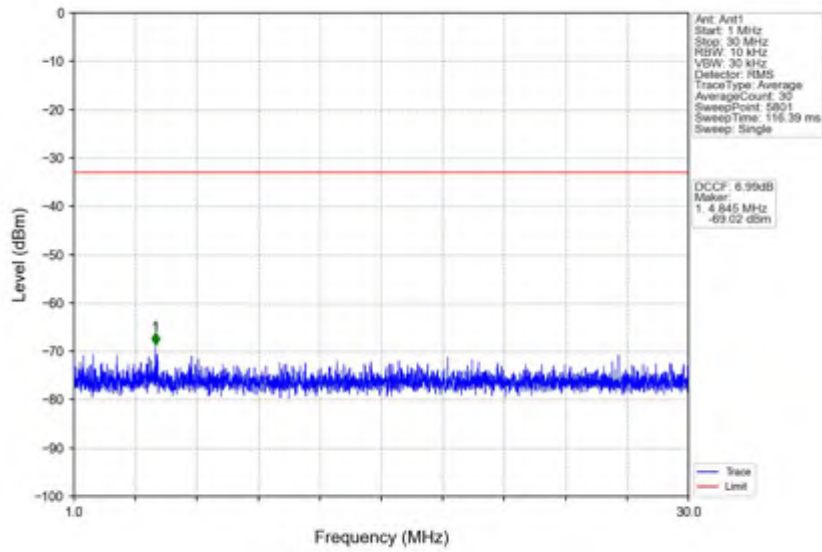


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-39.49	-13	Pass
3695.02	3699.02	0.5	/	2	3696.821	-33.09	-13	Pass
3699.02	3700.02	0.3	/	3	3700.008	-32.75	-13	Pass
3700.02	3730.02	0.3	/	4	3730.020	-46.33	-13	Pass

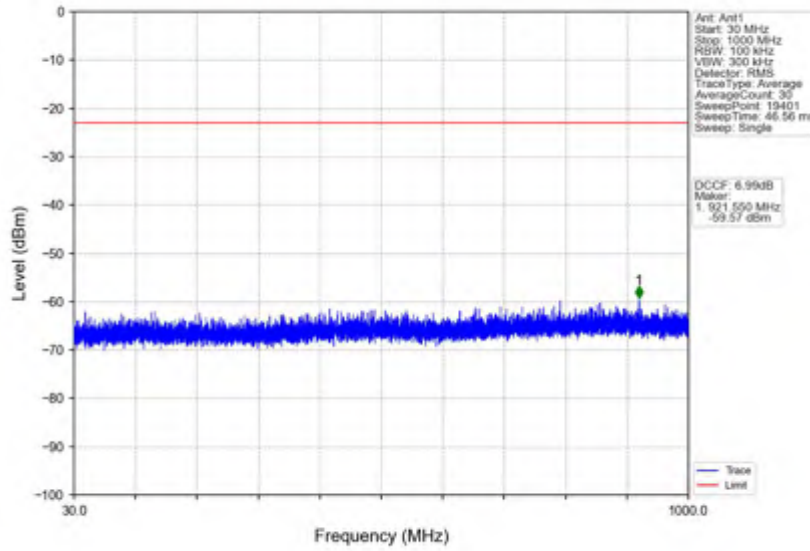
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Outer Full



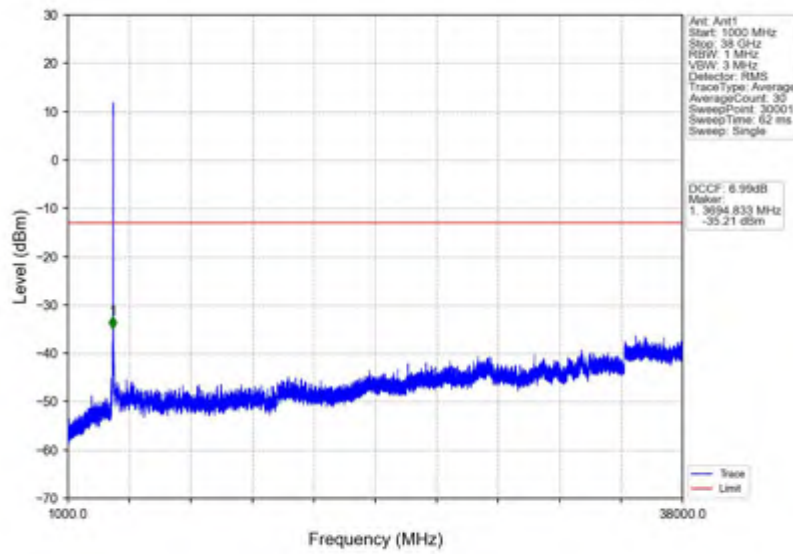
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Outer Full



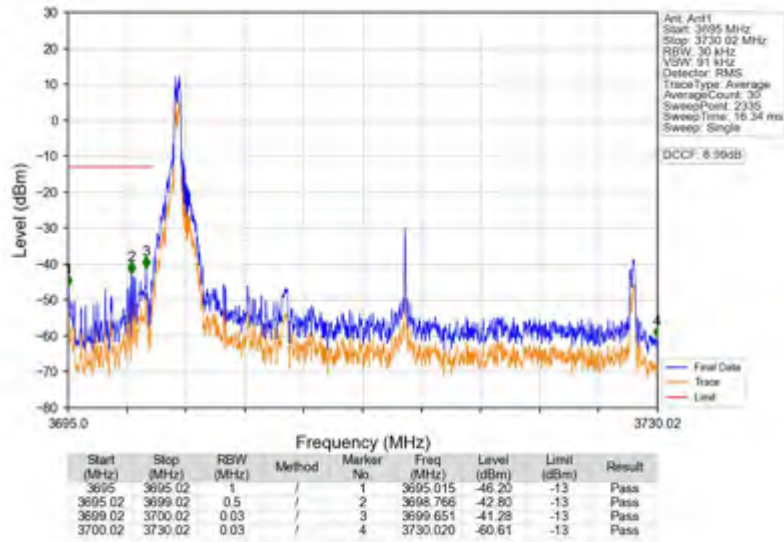
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Outer Full



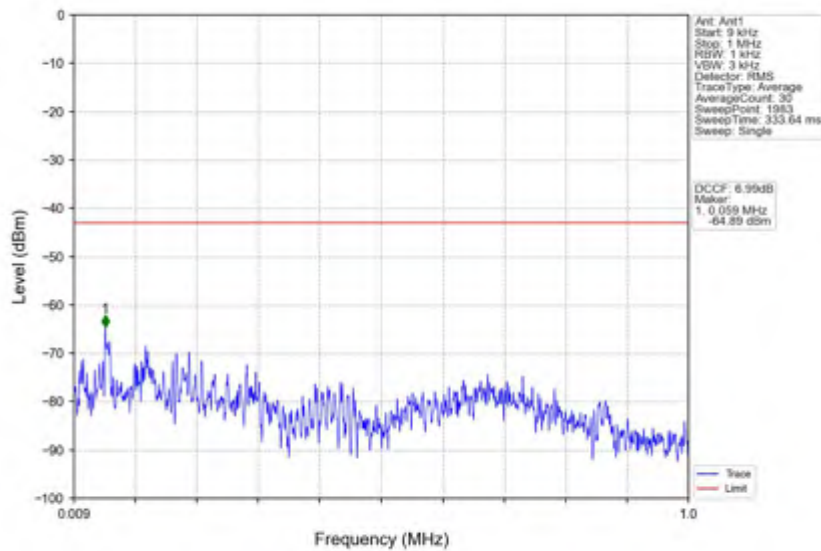
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3715.02MHz Outer Full



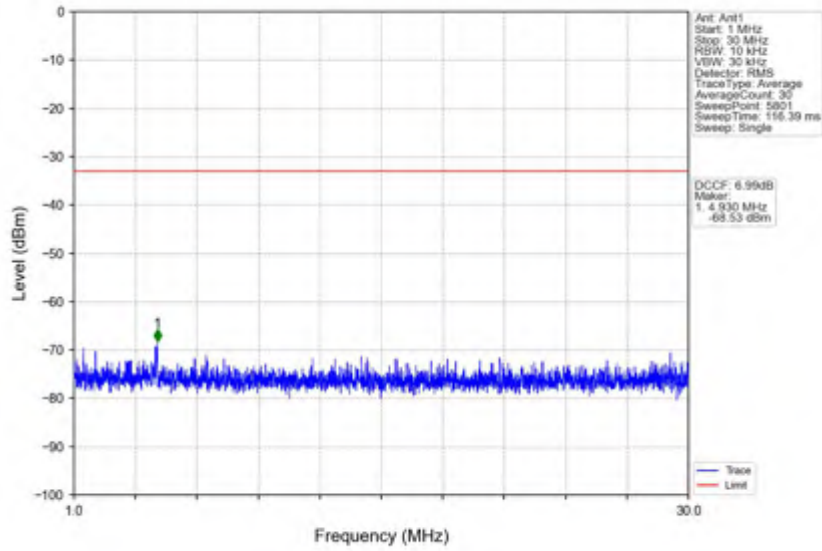
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Inner_1RB_Left



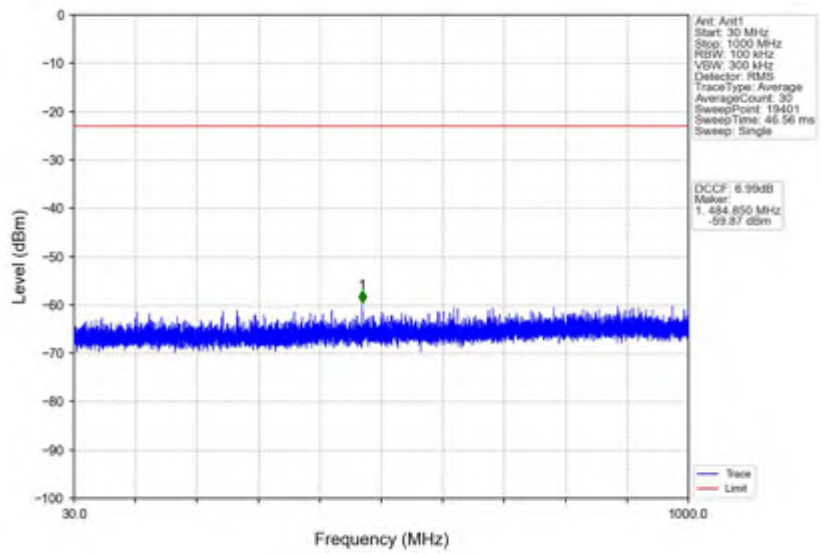
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Inner_1RB_Left



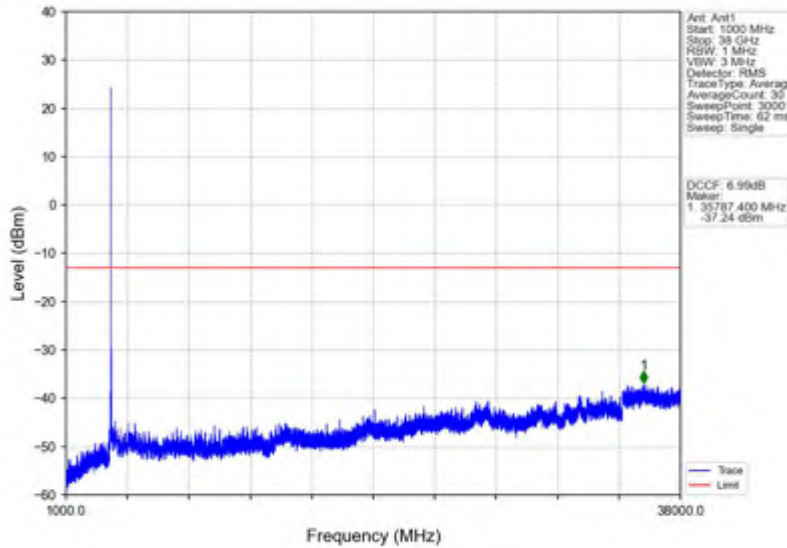
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz DFT-s-OFDM PI/2 BPSK_3715.02MHz Inner_1RB Left



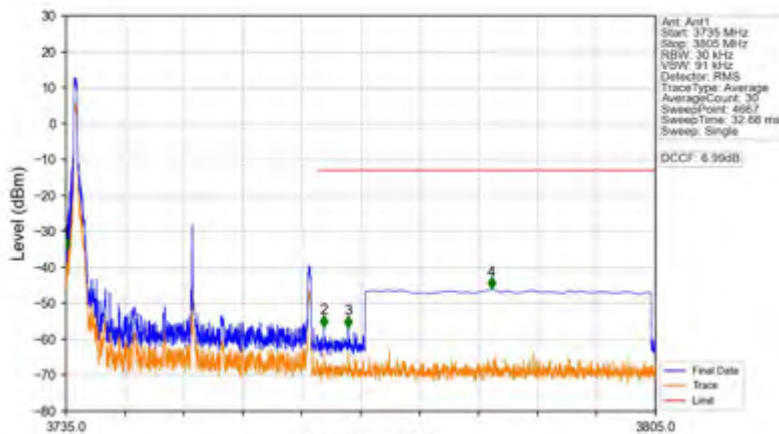
n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz DFT-s-OFDM PI/2 BPSK_3715.02MHz_Inner_1RB Left



n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3715.02MHz_Inner_1RB_Left

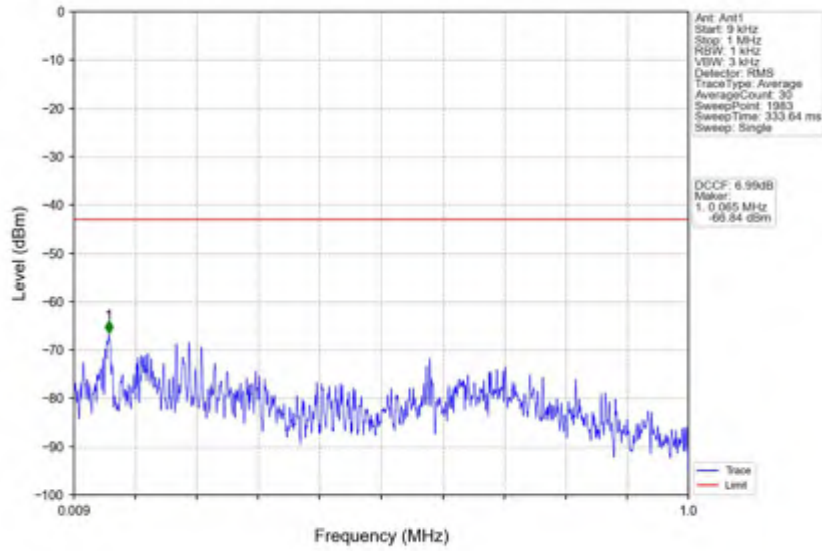


n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left

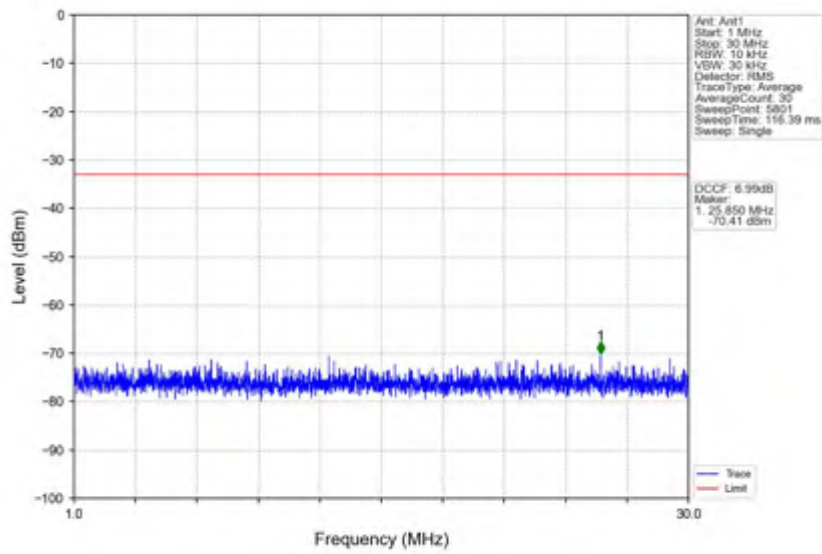


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3735	3765	0.03	/	1	3735.000	-35.05	-13	Pass
3765	3765	0.03	/	/	/	/	/	/
3765	3766	0.03	/	2	3765.634	-56.64	-13	Pass
3766	3770	0.5	/	3	3768.515	-56.84	-13	Pass
3770	3805	1	CHP	4	3765.557	-46.10	-13	Pass

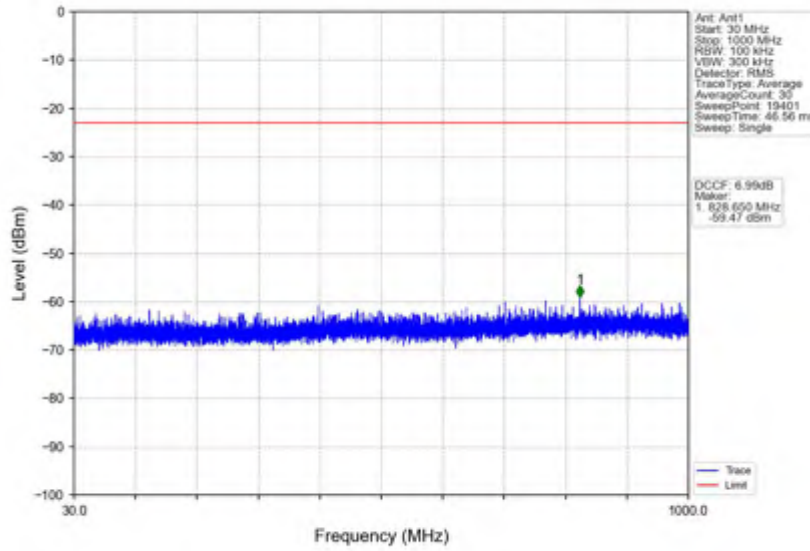
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



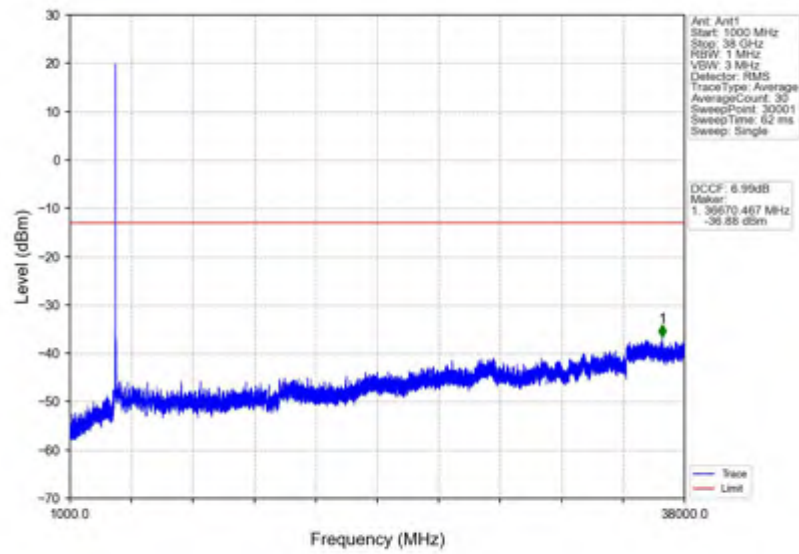
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



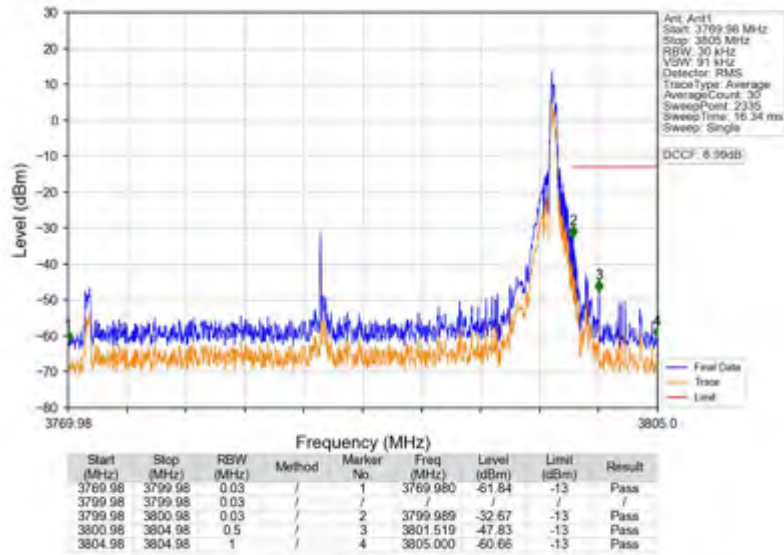
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



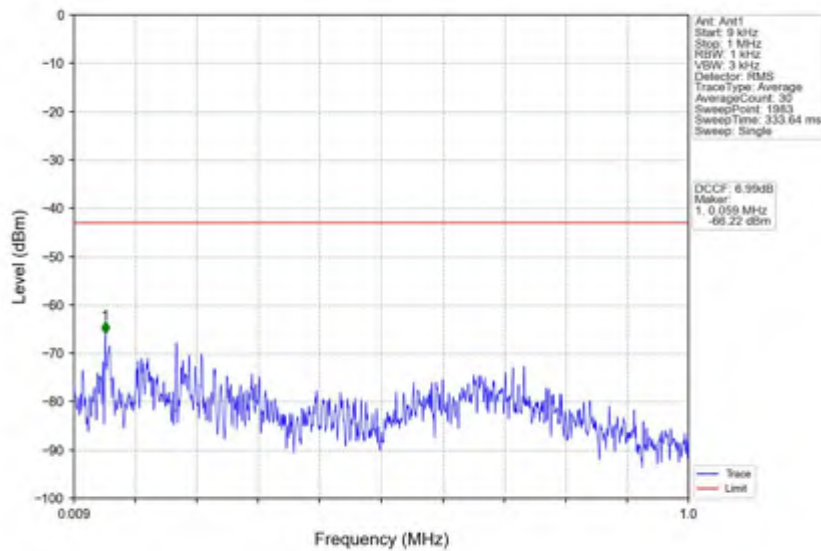
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left



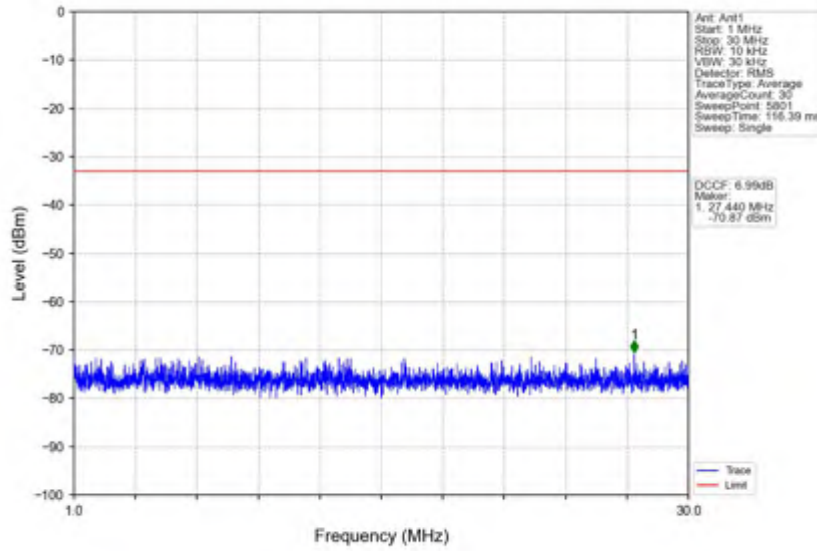
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz_Edge 1RB_Right



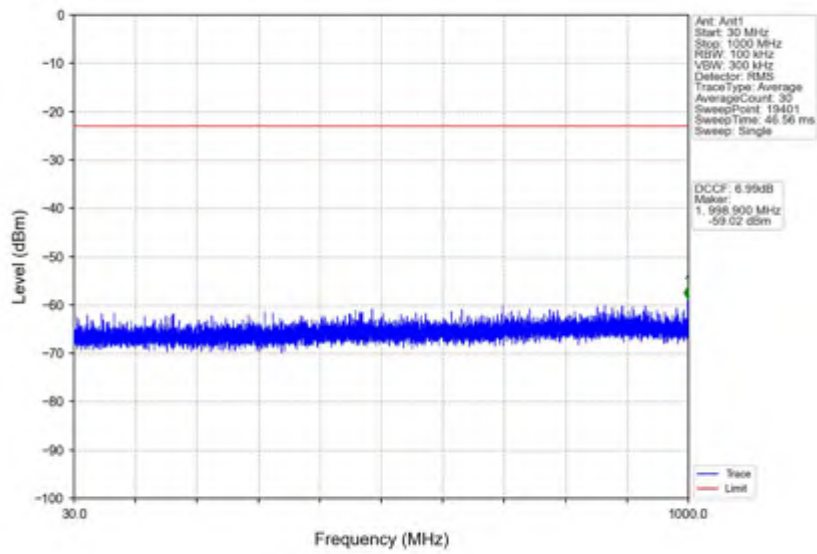
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz_Edge 1RB_Right



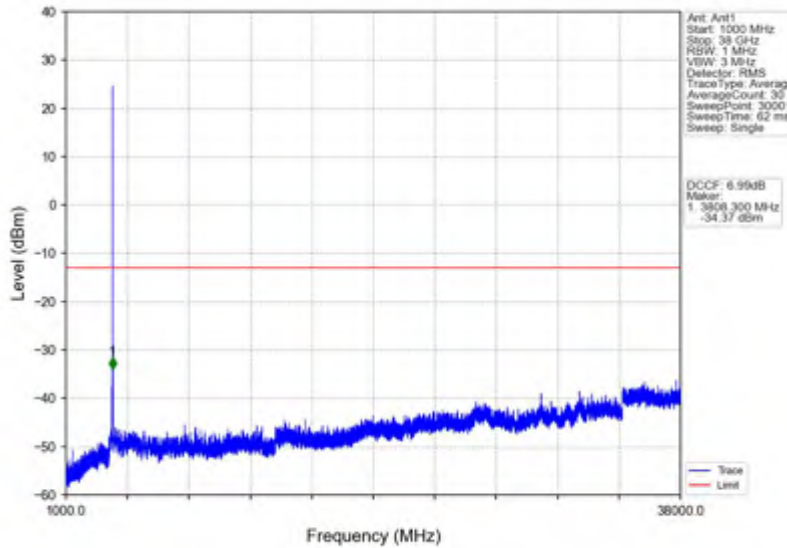
n78(3700-3800MHz) 30kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz_Edge 1RB Right



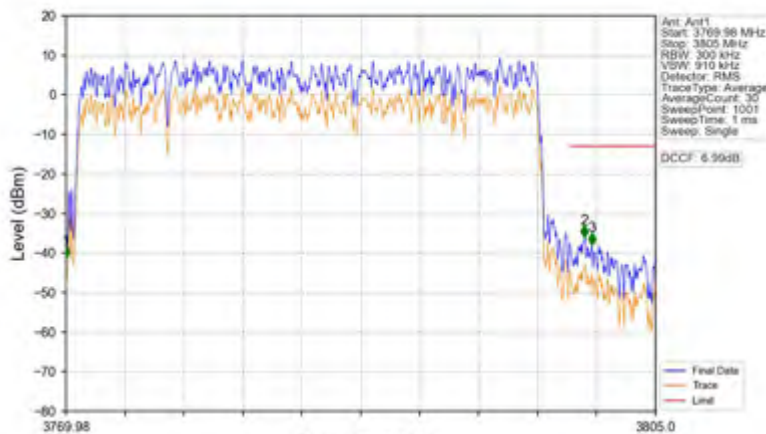
n78(3700-3800MHz) 30kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz_Edge 1RB Right



n78(3700-3800MHz) 30kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Edge 1RB Right

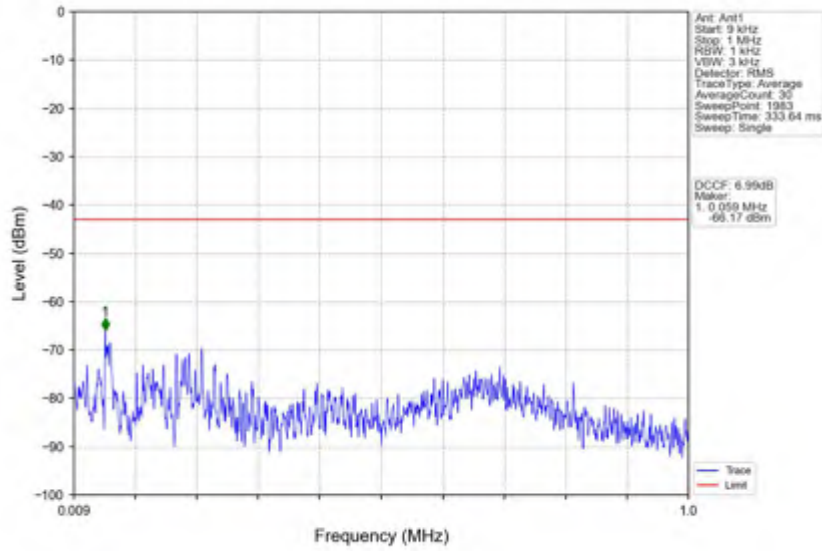


n78(3700-3800MHz) 30kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Outer Full

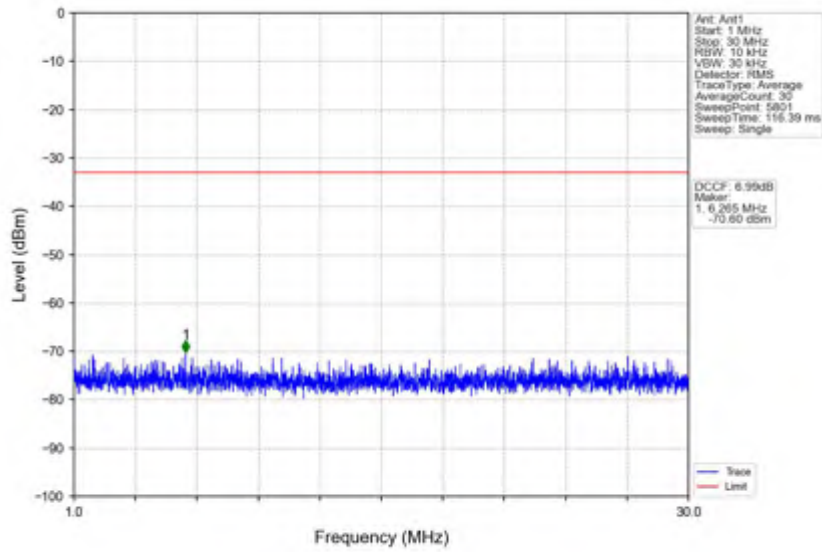


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3769.98	3799.98	0.3	/	1	3769.980	-41.26	-13	Pass
3799.98	3799.98	0.3	/	/	/	/	/	/
3799.98	3800.98	0.3	/	2	3800.798	-36.08	-13	Pass
3800.98	3804.98	0.5	/	3	3801.218	-37.95	-13	Pass

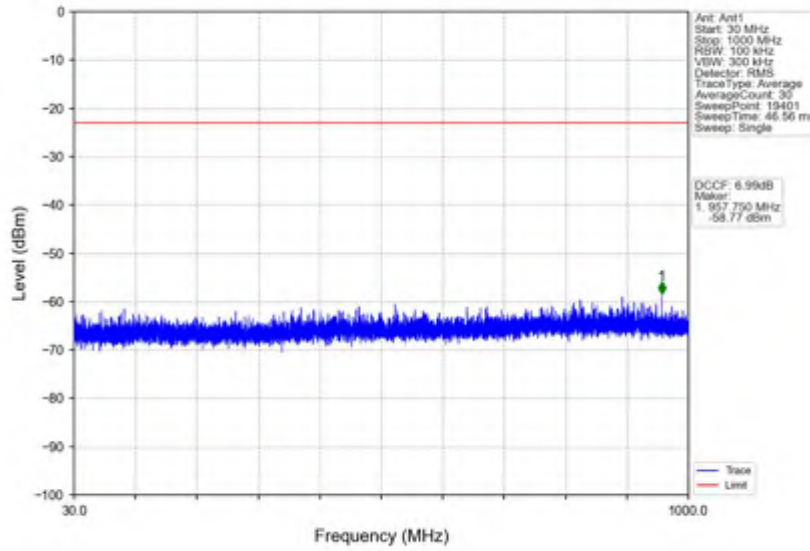
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Outer Full



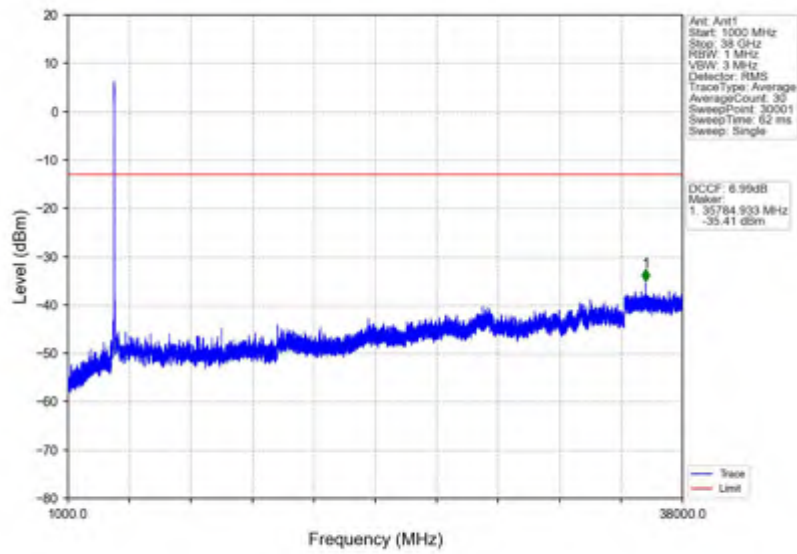
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Outer Full



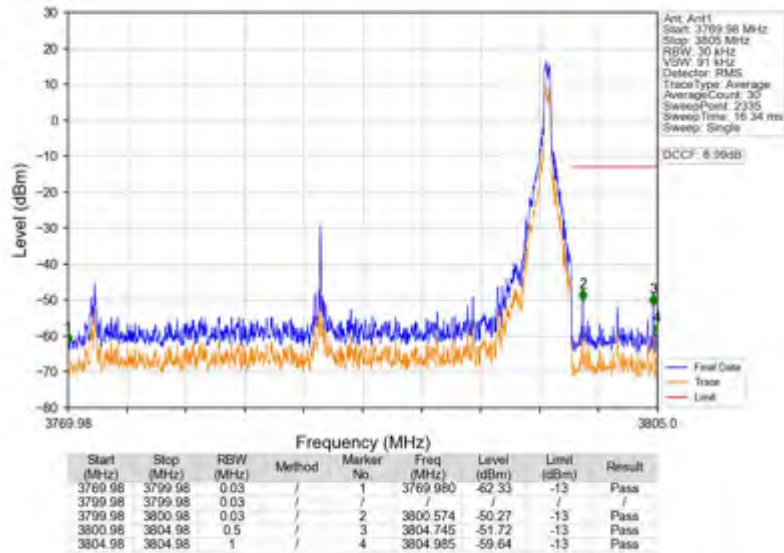
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Outer Full



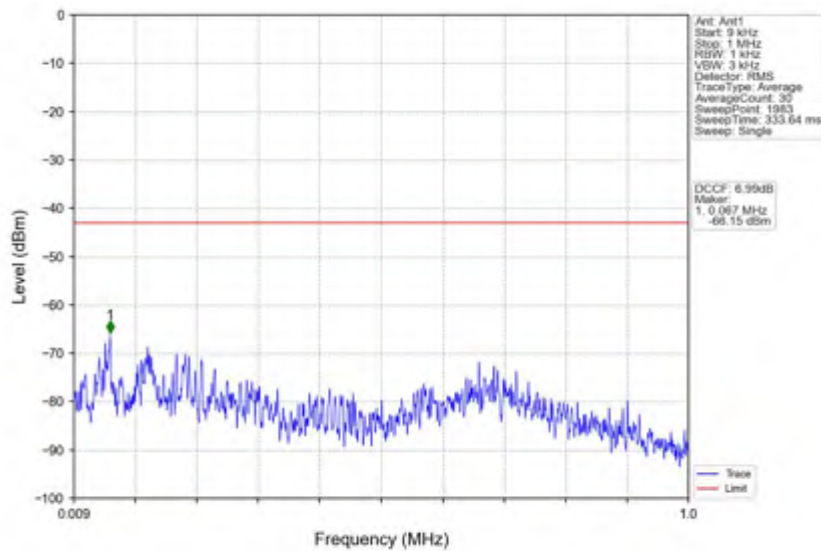
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Outer Full



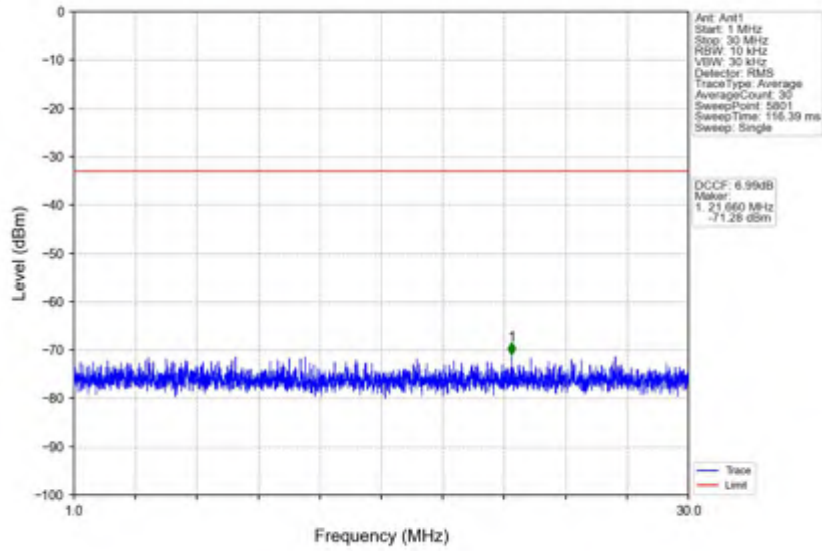
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Inner 1RB Right



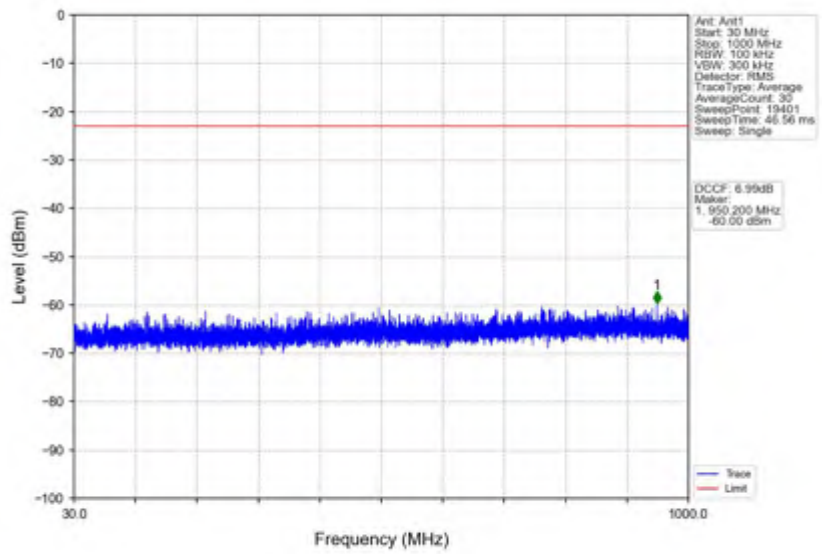
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Inner 1RB Right



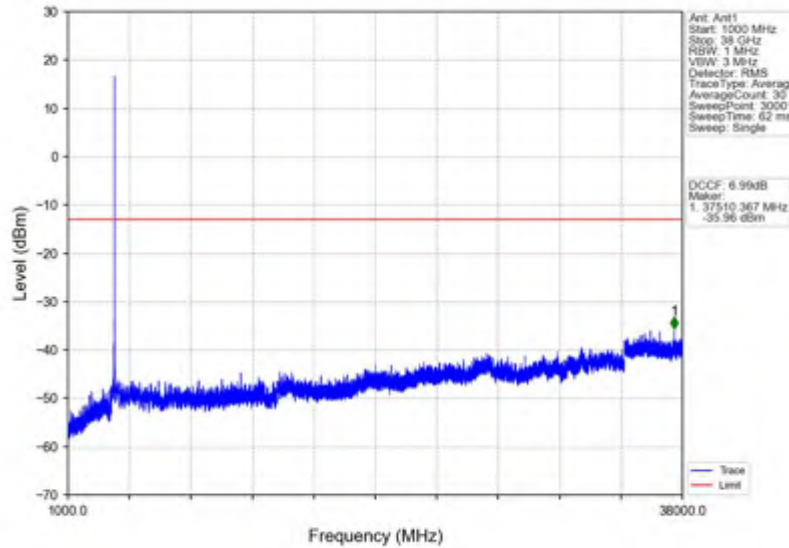
n78(3700-3800MHz) 30kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Inner 1RB Right



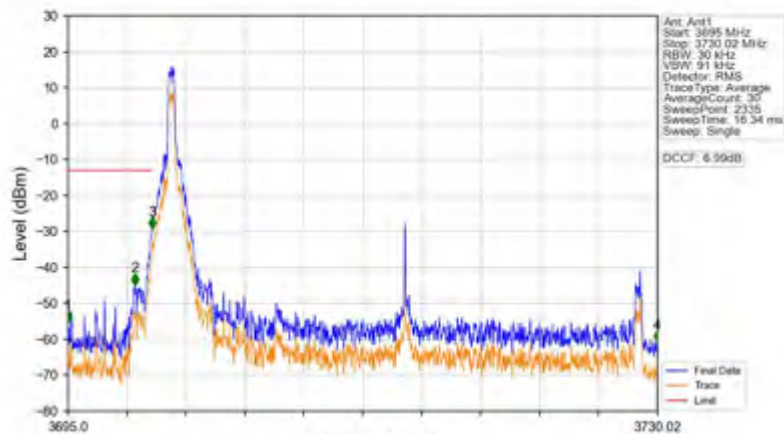
n78(3700-3800MHz) 30kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Inner 1RB Right



n78(3700-3800MHz) 30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK 3784.98MHz_Inner_1RB_Right

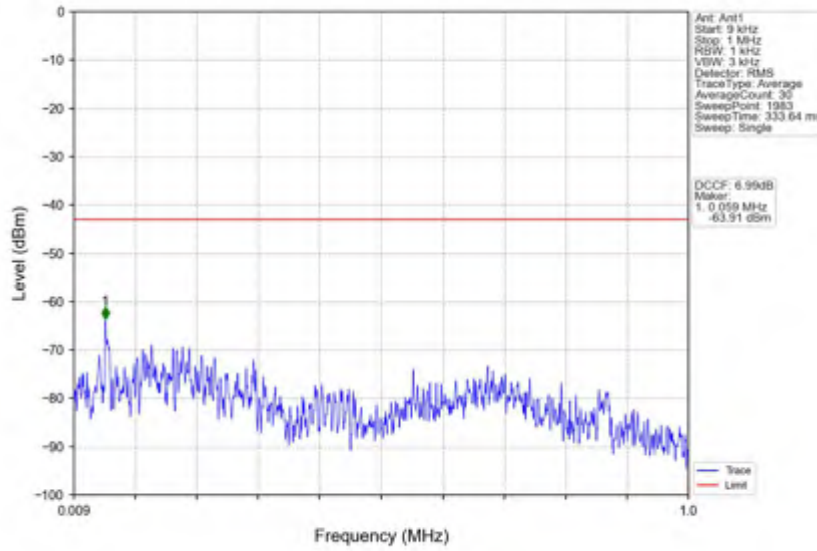


n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Edge_1RB_Left

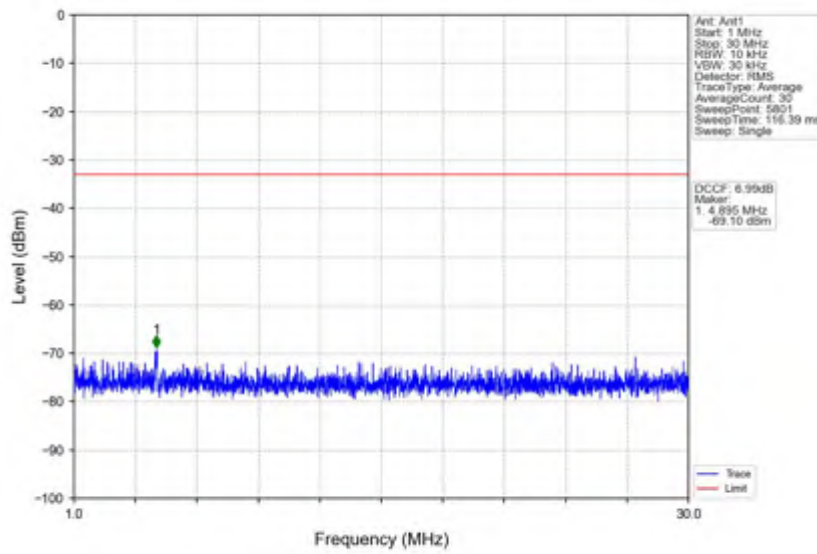


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-55.38	-13	Pass
3695.02	3699.02	0.5	/	2	3698.076	-45.01	-13	Pass
3699.02	3700.02	0.03	/	3	3700.011	-29.30	-13	Pass
3700.02	3730.02	0.03	/	4	3730.020	-60.82	-13	Pass

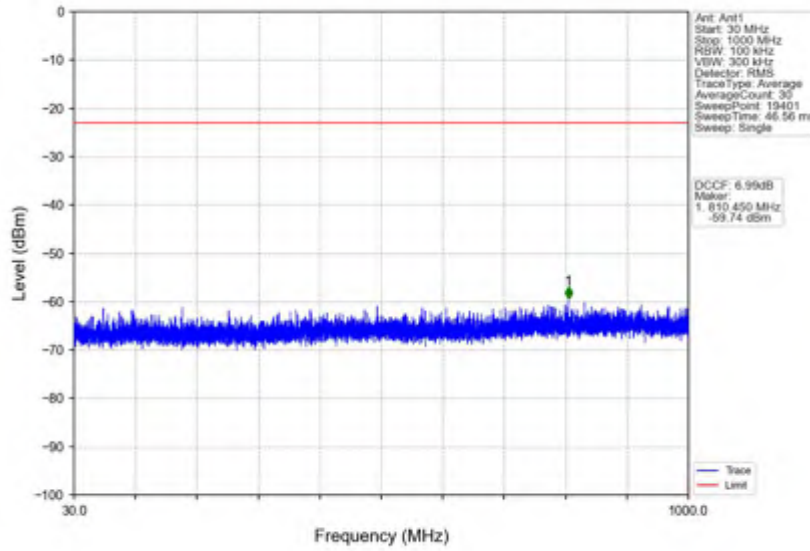
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



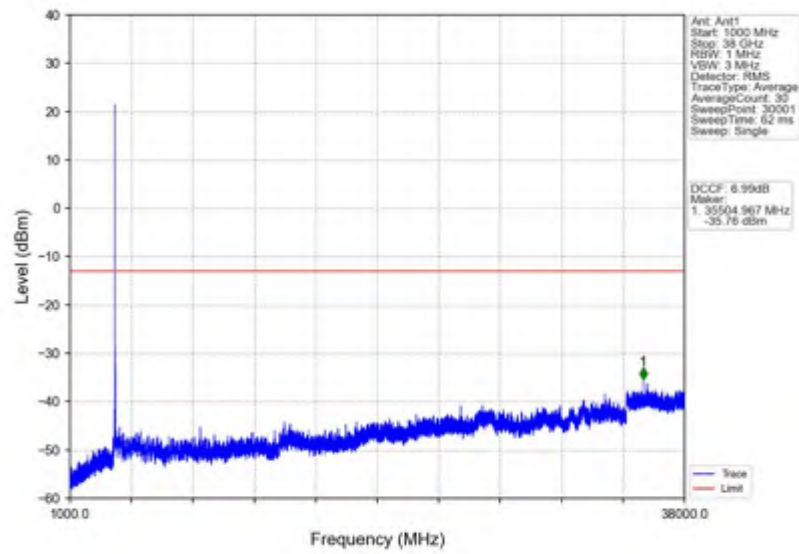
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



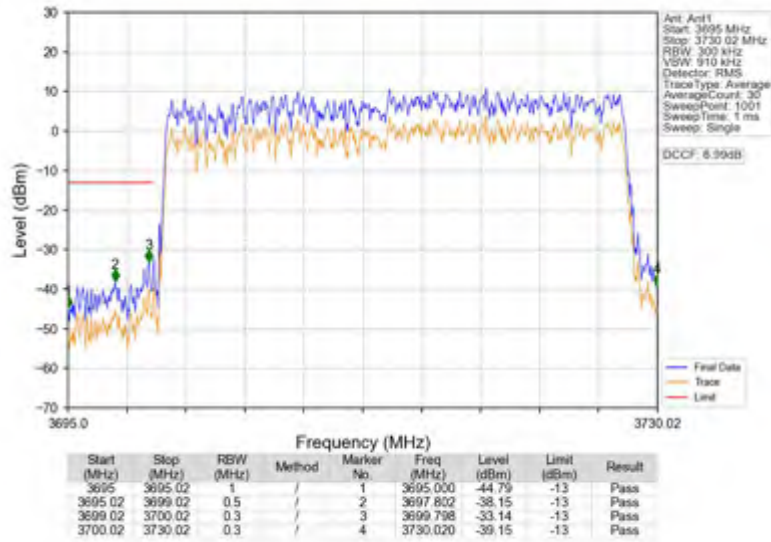
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



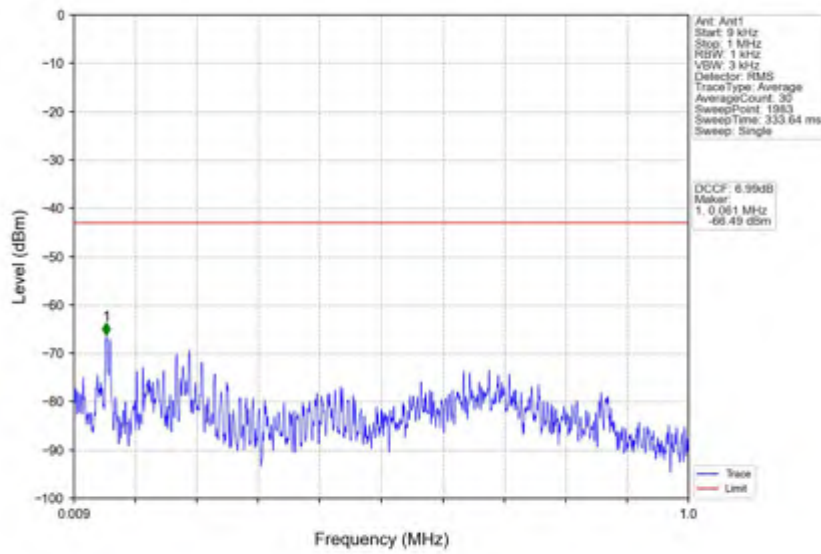
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



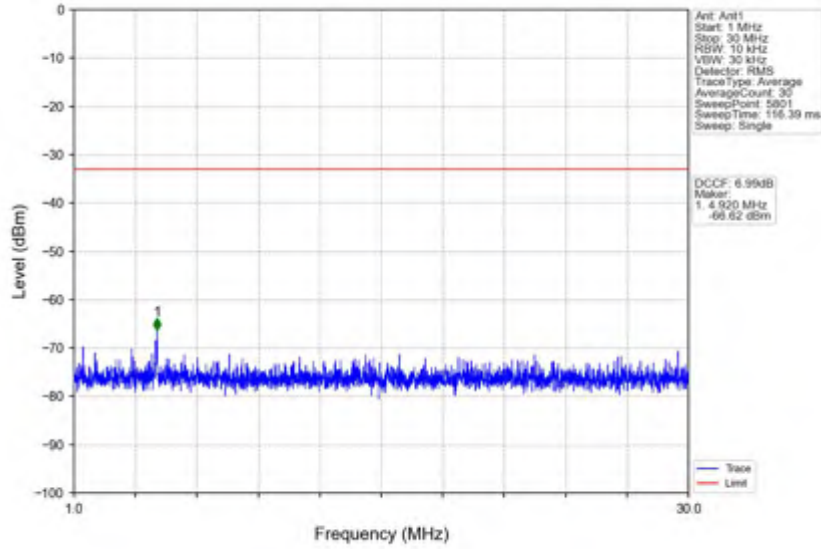
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full



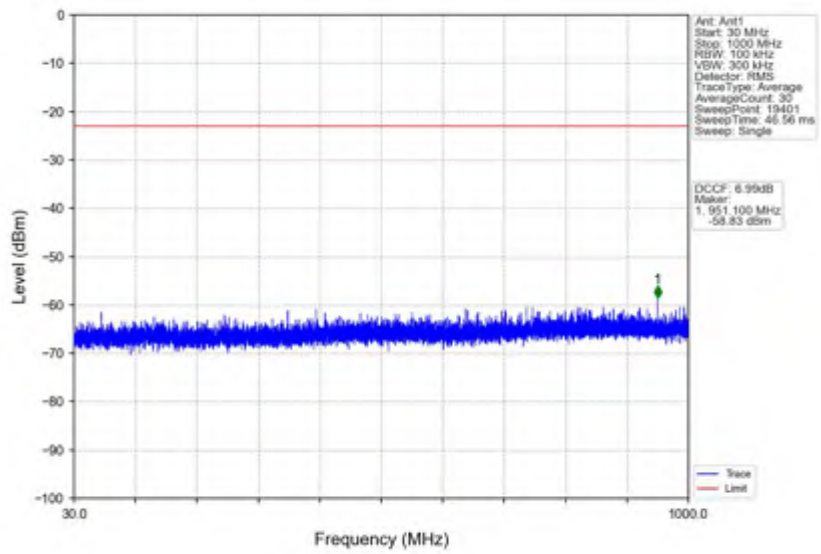
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full



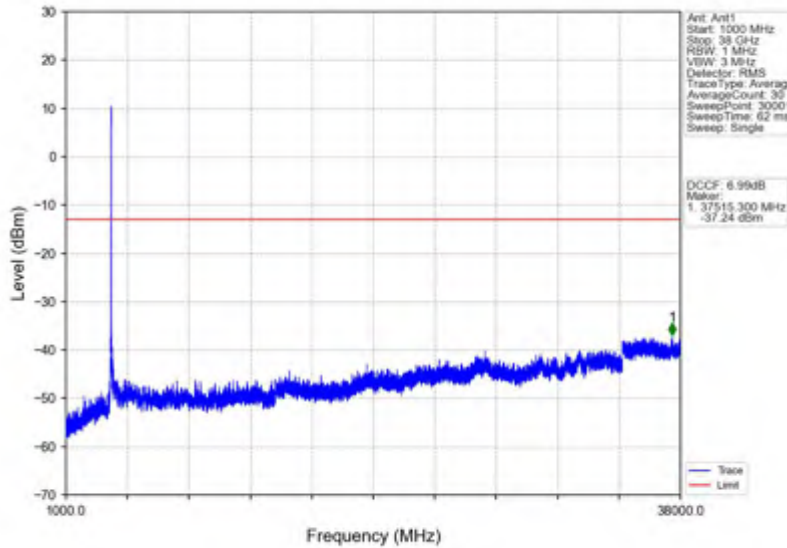
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full



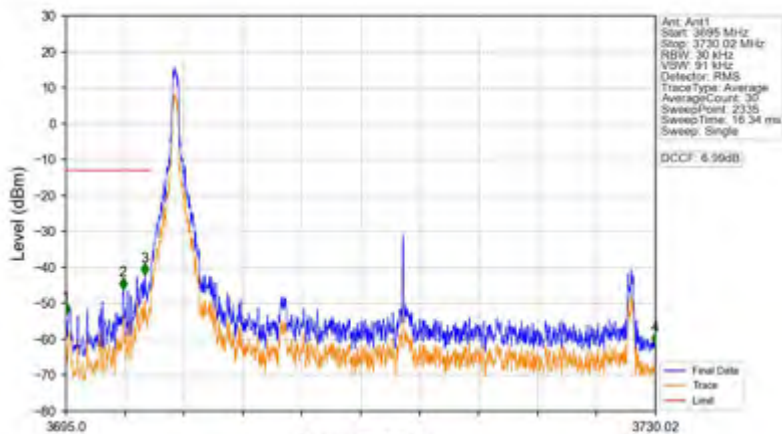
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full



n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full

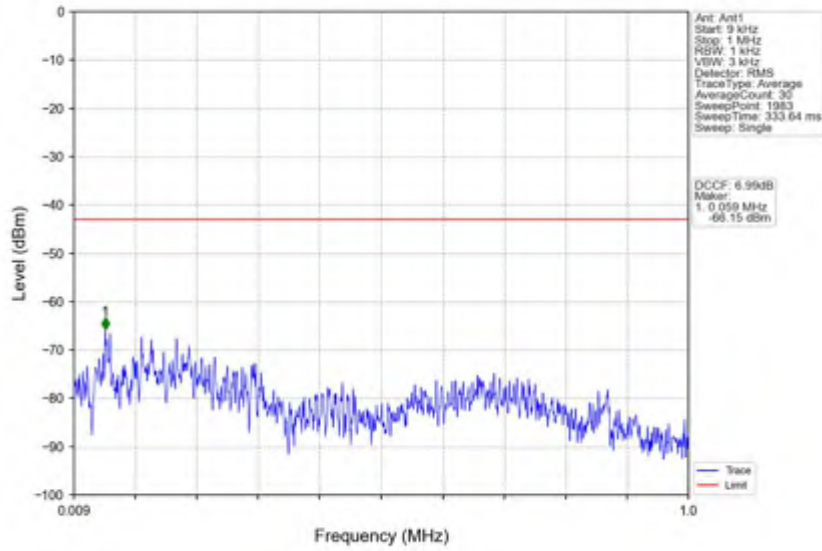


n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3715.02MHz Inner 1RB_Left

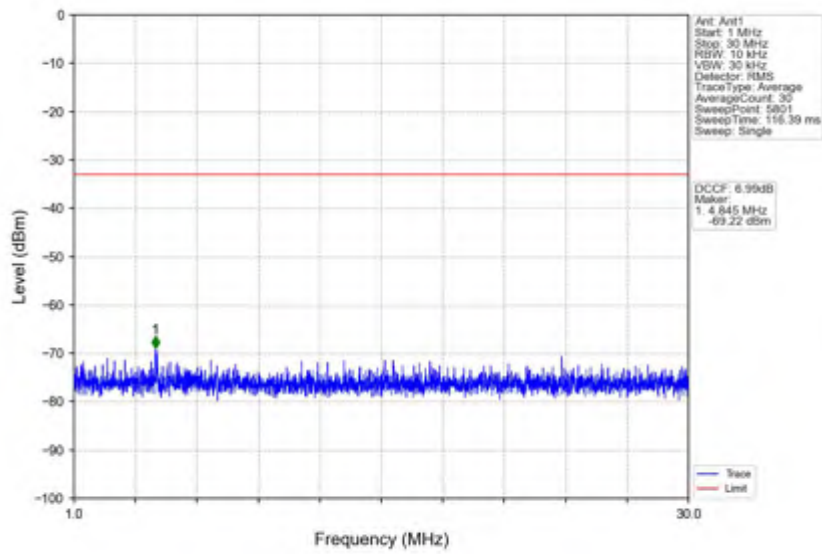


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-53.00	-13	Pass
3695.02	3699.02	0.5	/	2	3698.376	-46.14	-13	Pass
3699.02	3700.02	0.03	/	3	3699.681	-42.20	-13	Pass
3700.02	3730.02	0.03	/	4	3730.020	-61.40	-13	Pass

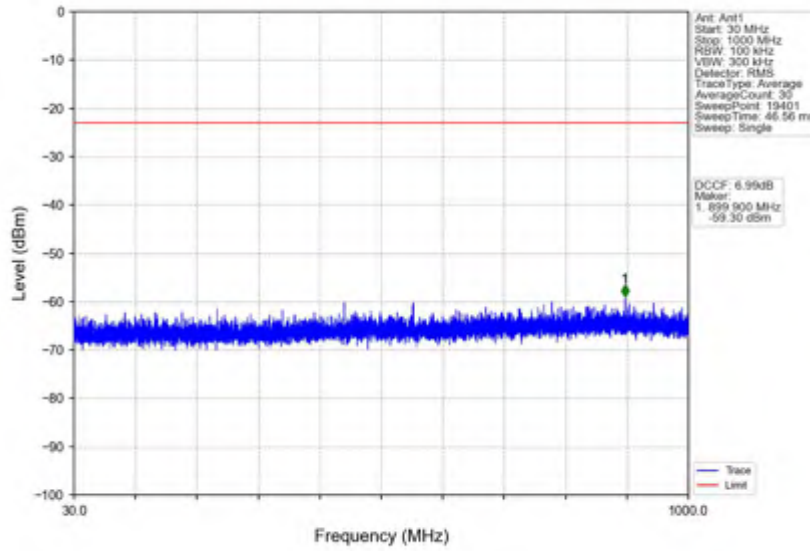
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Inner_1RB_Left



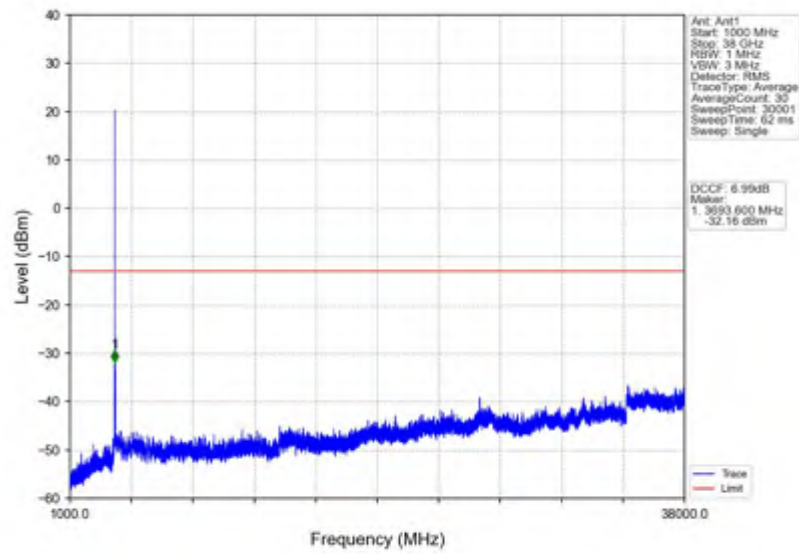
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Inner_1RB_Left



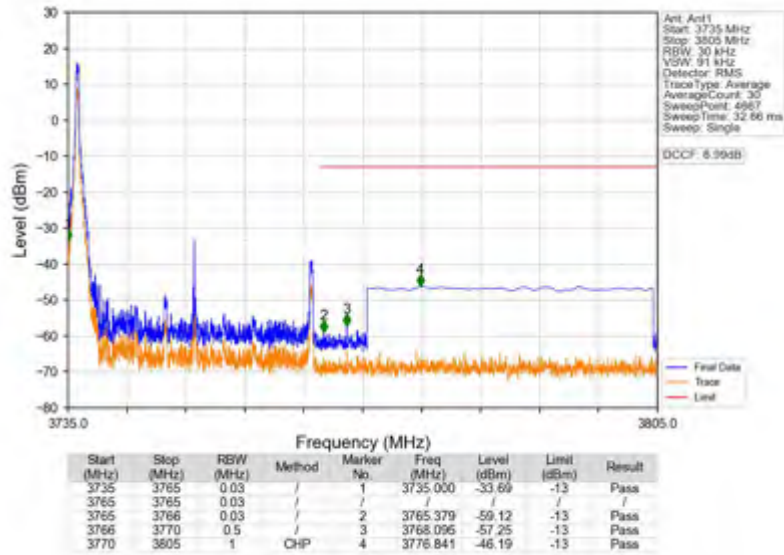
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Inner_1RB_Left



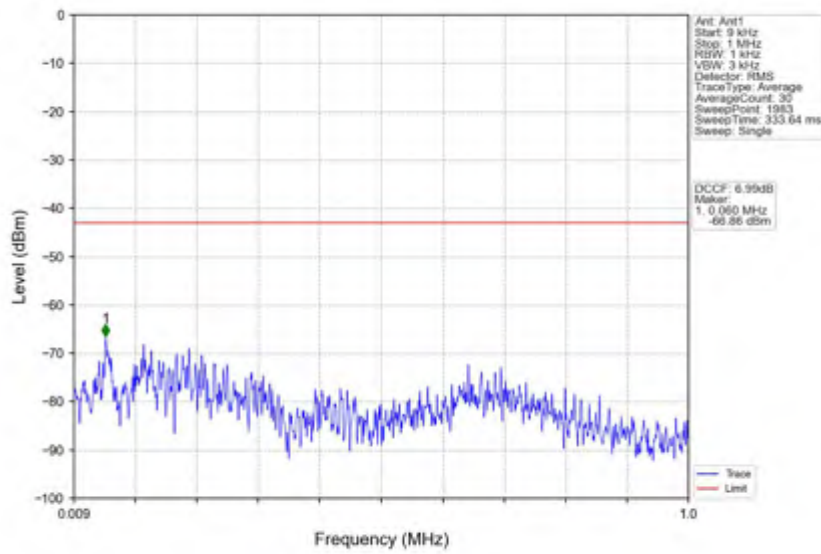
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Inner_1RB_Left



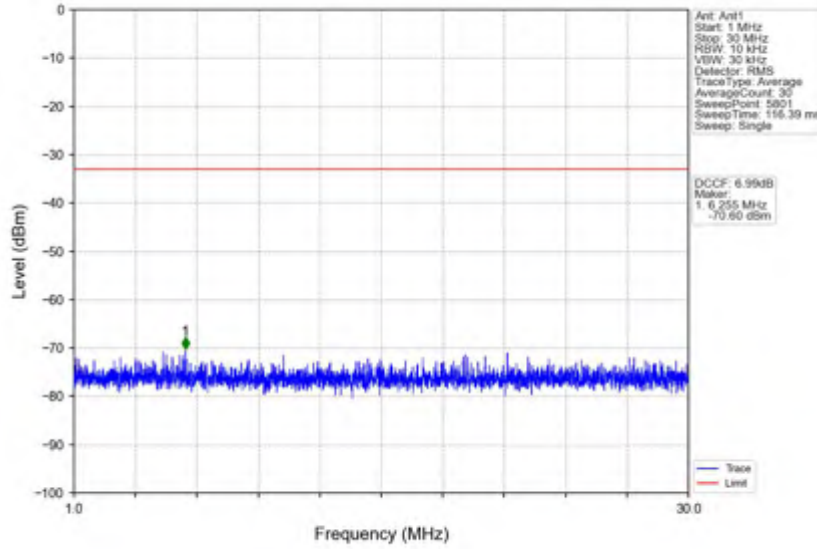
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



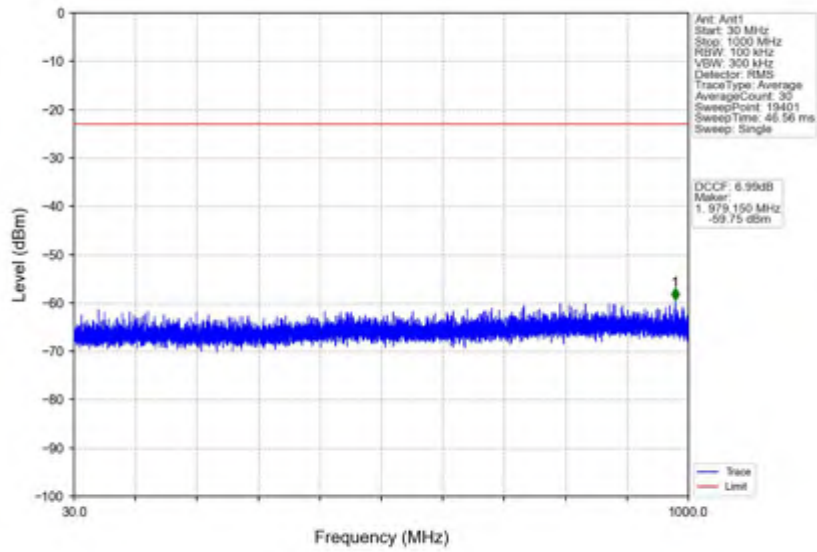
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



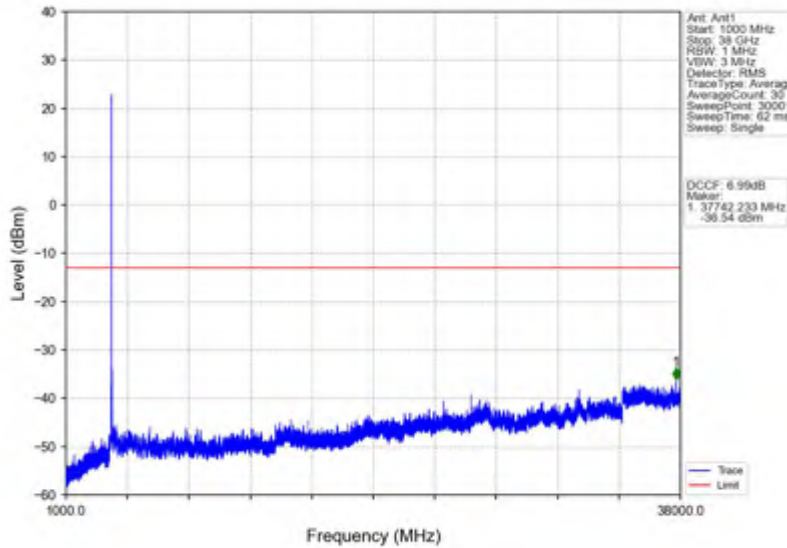
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



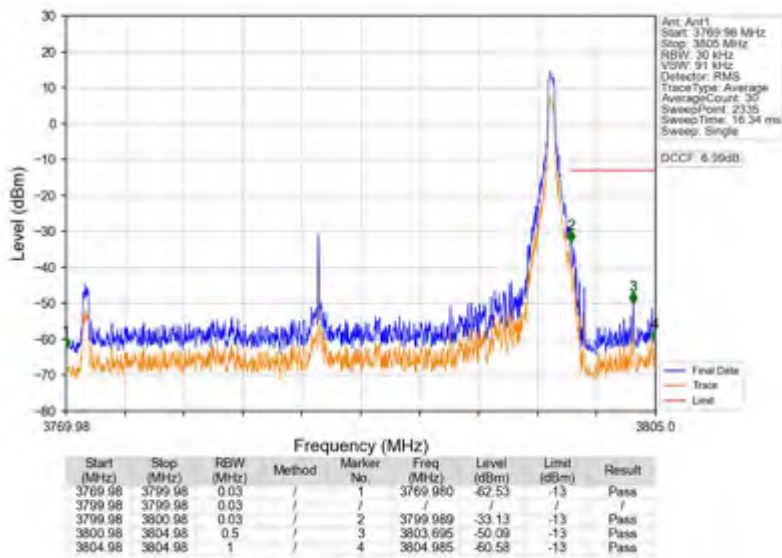
n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left



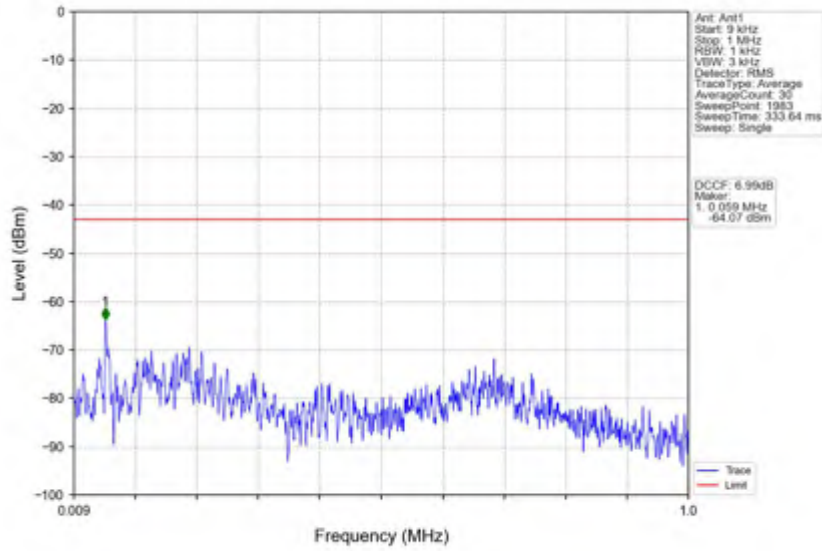
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left



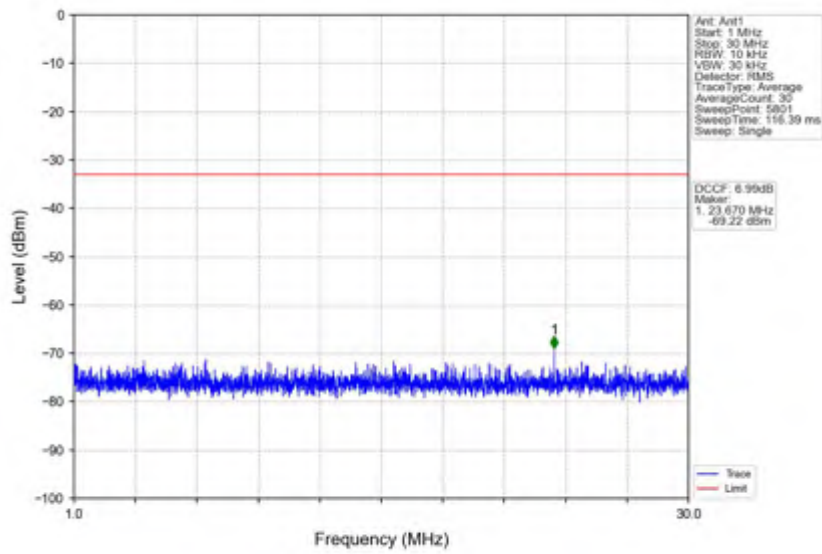
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



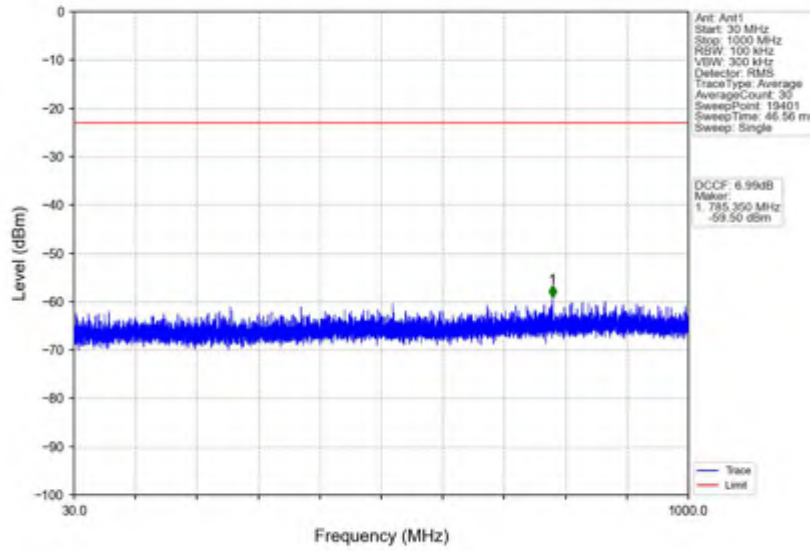
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3784.98MHz_Edge_1RB_Right



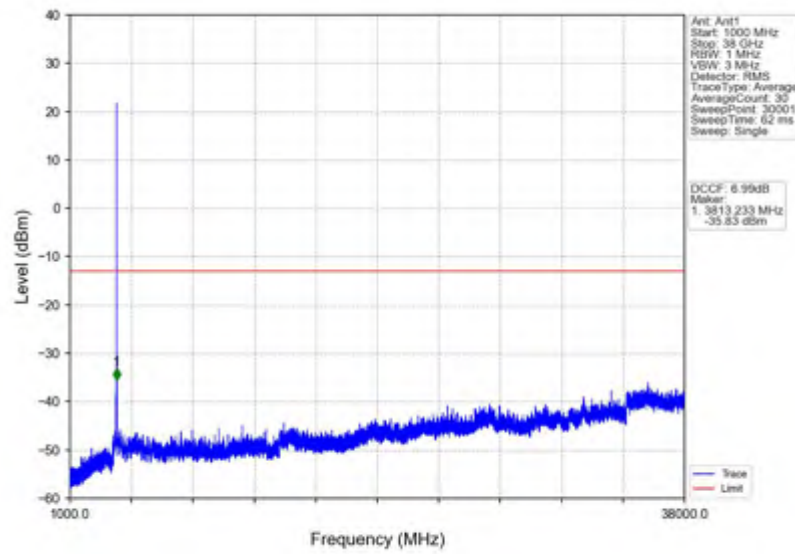
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3784.98MHz_Edge_1RB_Right



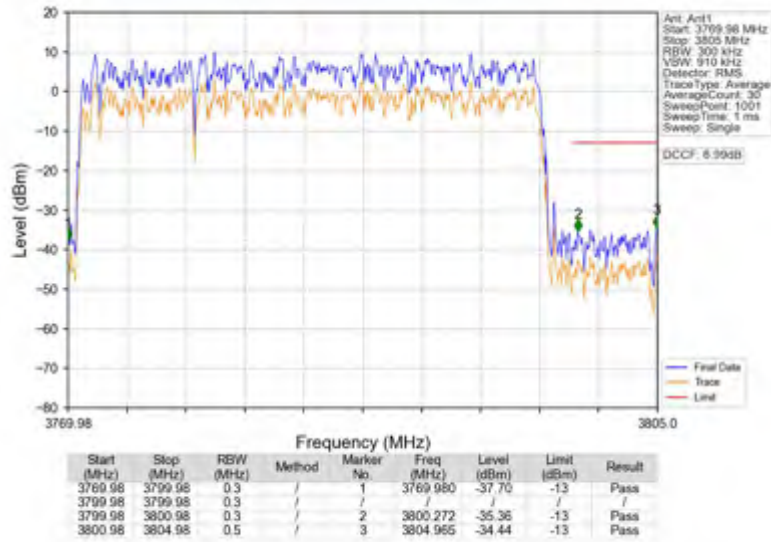
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



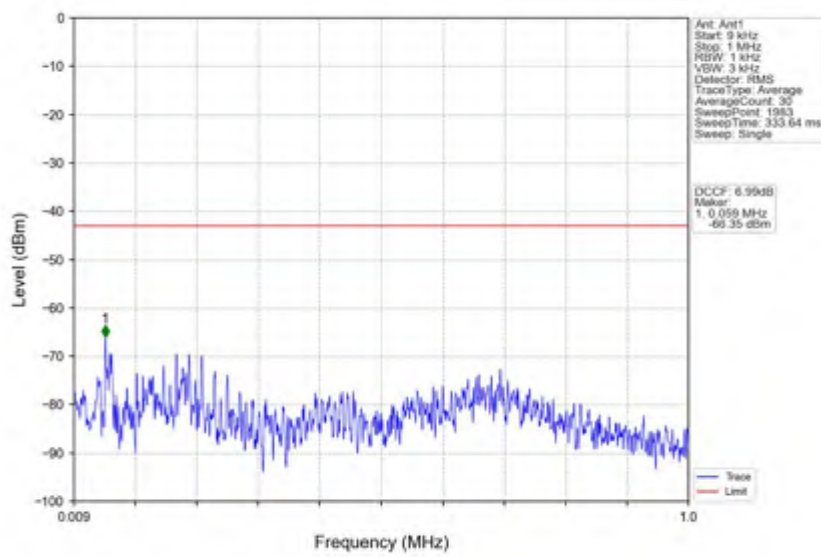
n78(3700-3800MHz) 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Edge 1RB Right



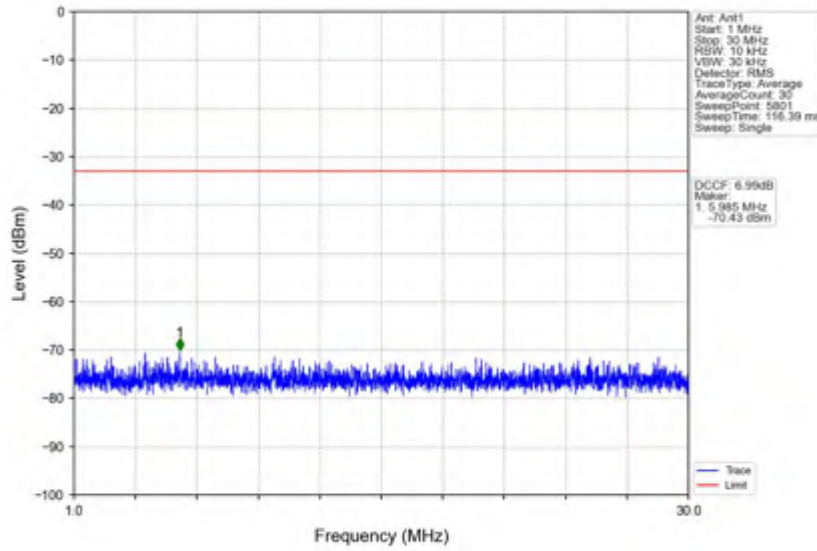
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full



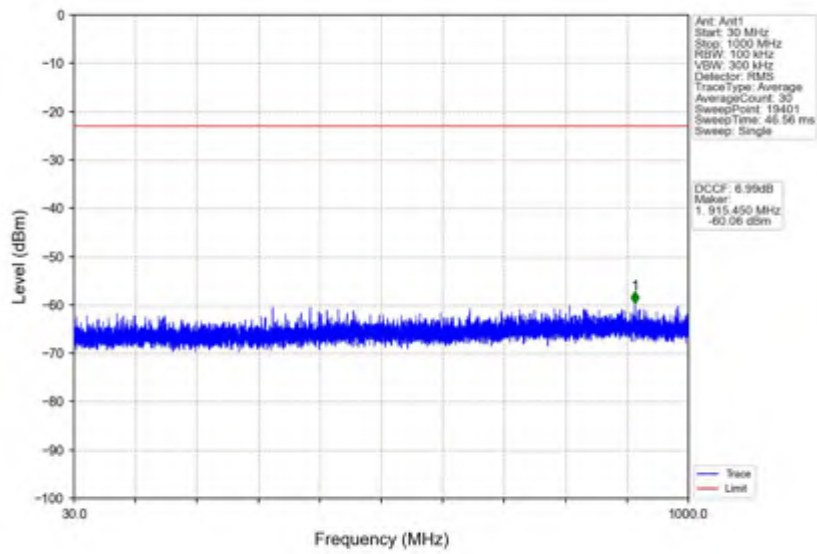
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full



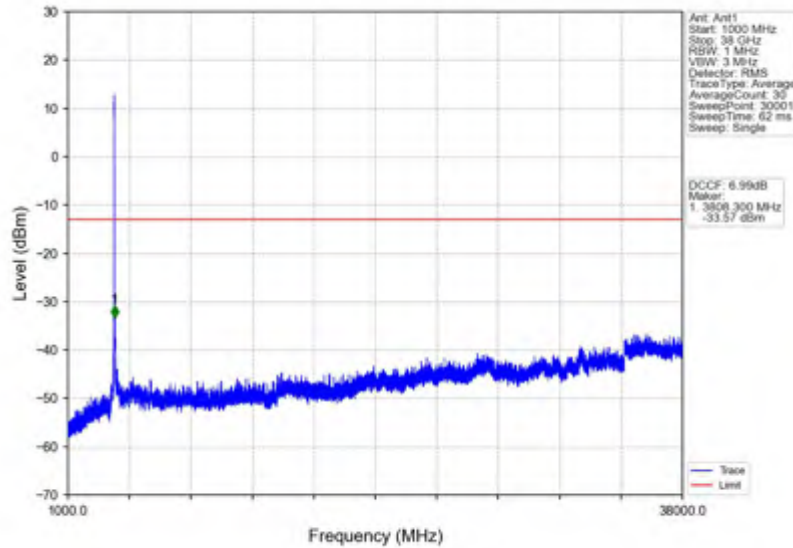
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full



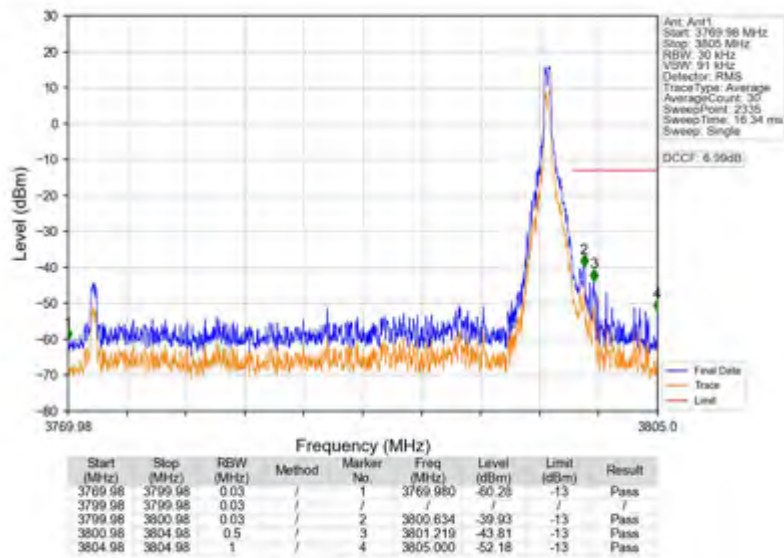
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full



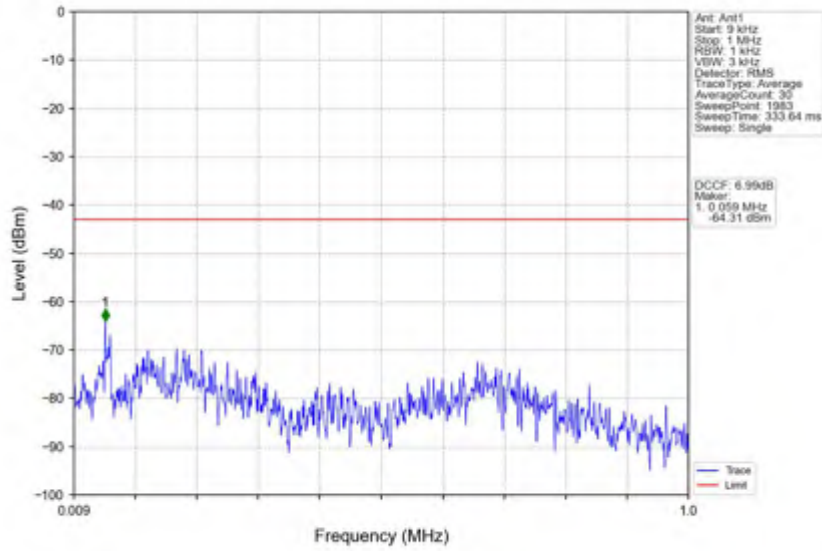
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full



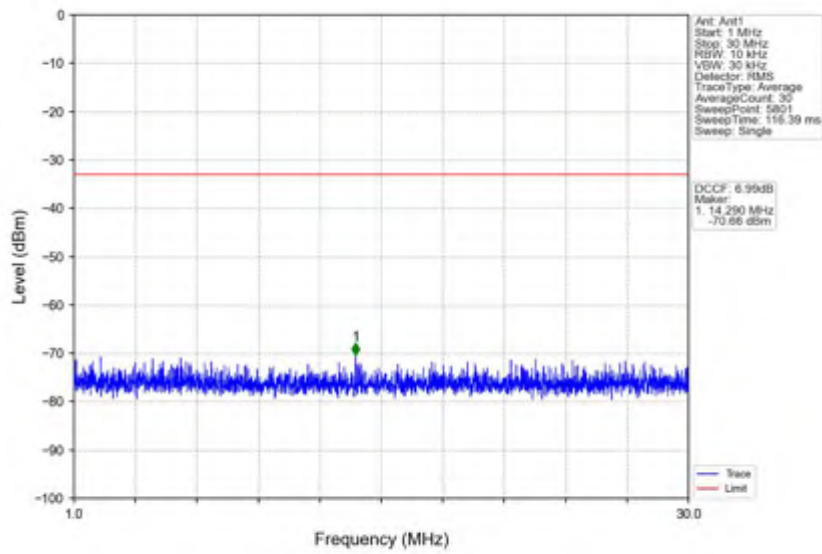
n78(3700-3800MHz) 30kHz SISO NTV 30MHz DFT-s-OFDM QPSK 3784.98MHz Inner 1RB Right



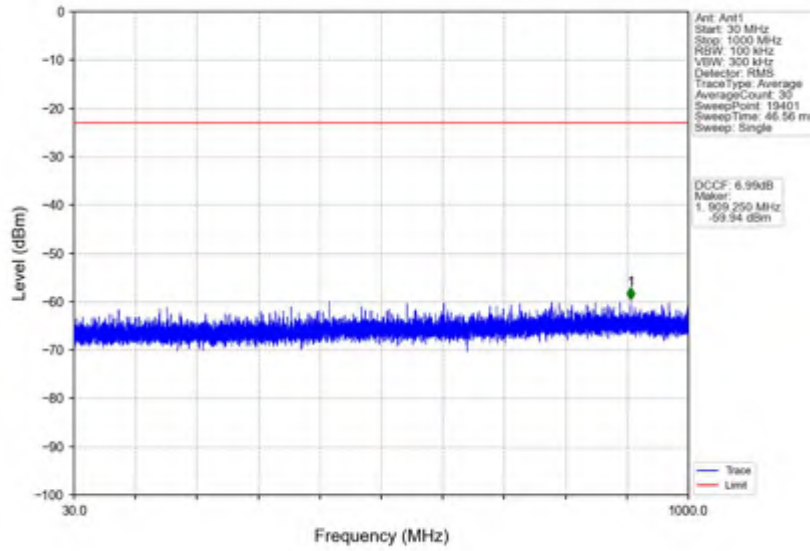
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3784.98MHz_Inner_1RB_Right



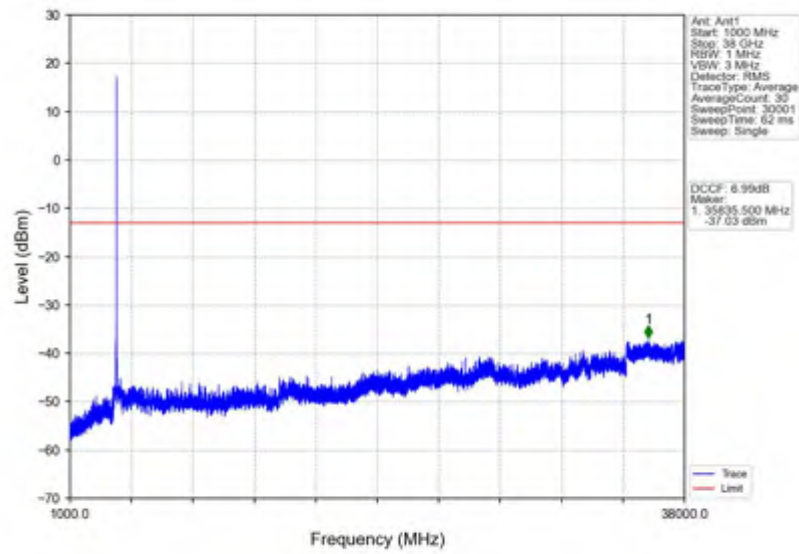
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3784.98MHz_Inner_1RB_Right



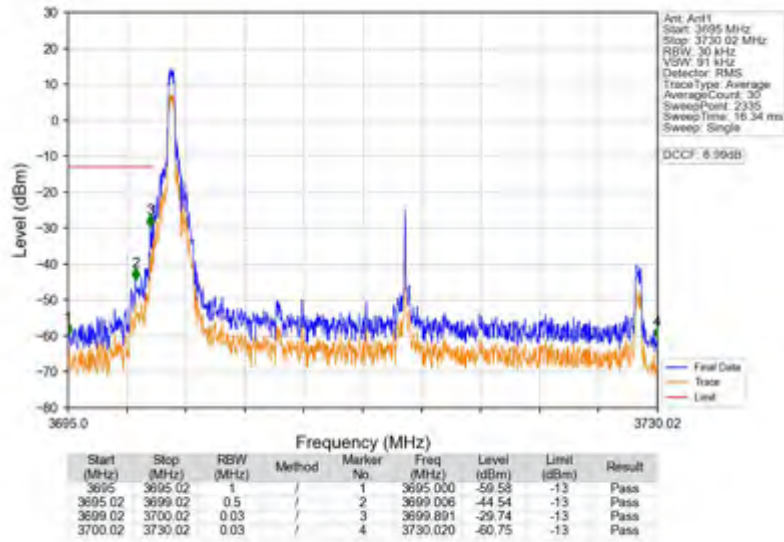
n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3784.98MHz_Inner_1RB_Right



n78(3700-3800MHz) 30kHz SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3784.98MHz_Inner_1RB_Right



n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



n78(3700-3800MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Edge_1RB_Left

