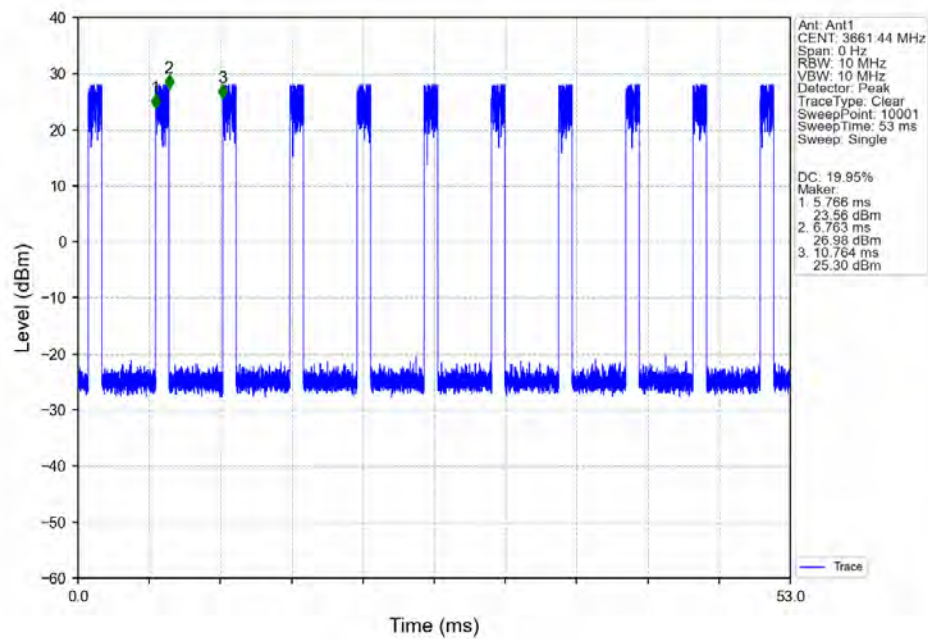
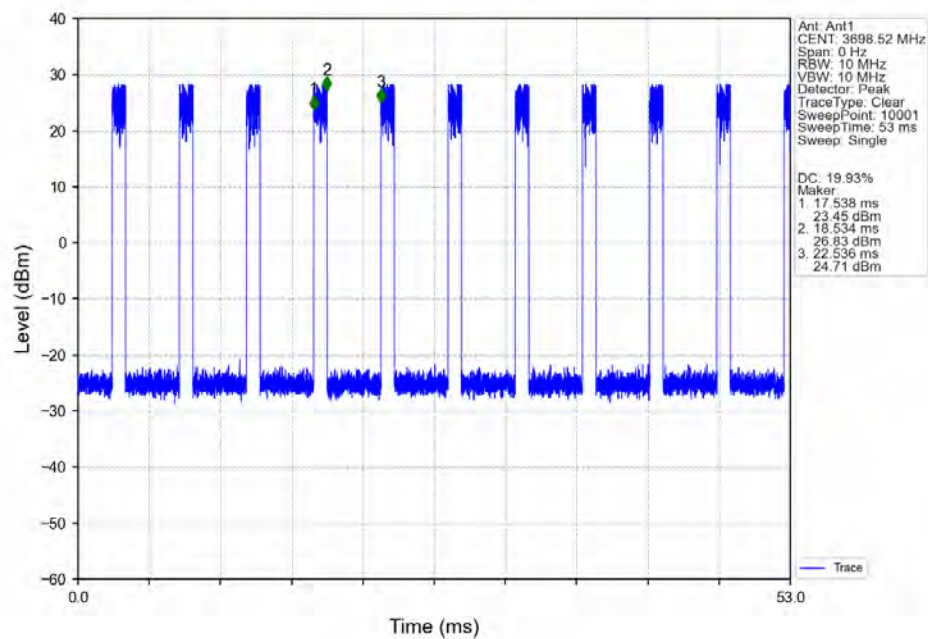




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3679.98MHz_Inner_1RB_Left_Ant1

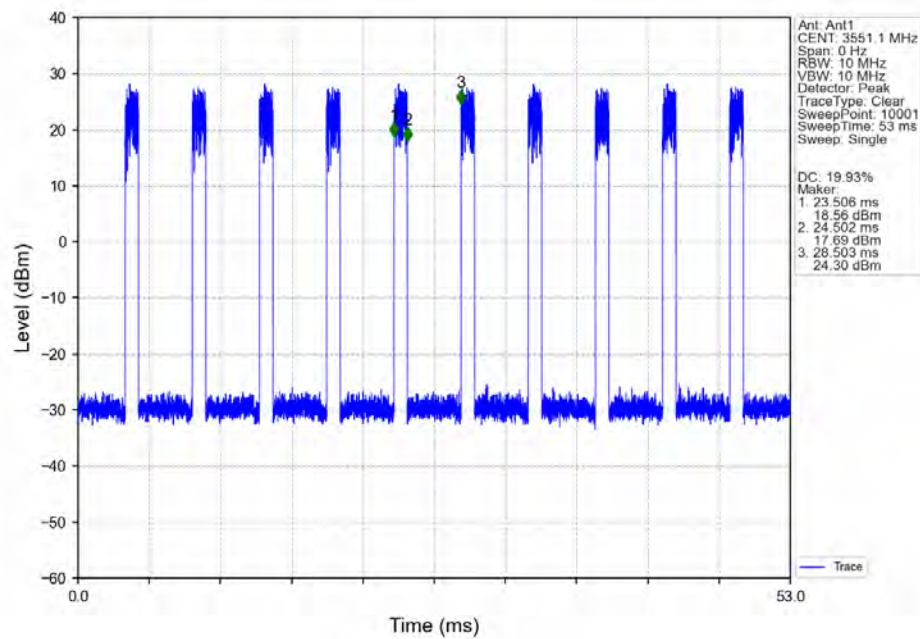


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3679.98MHz_Inner_1RB_Right_Ant1

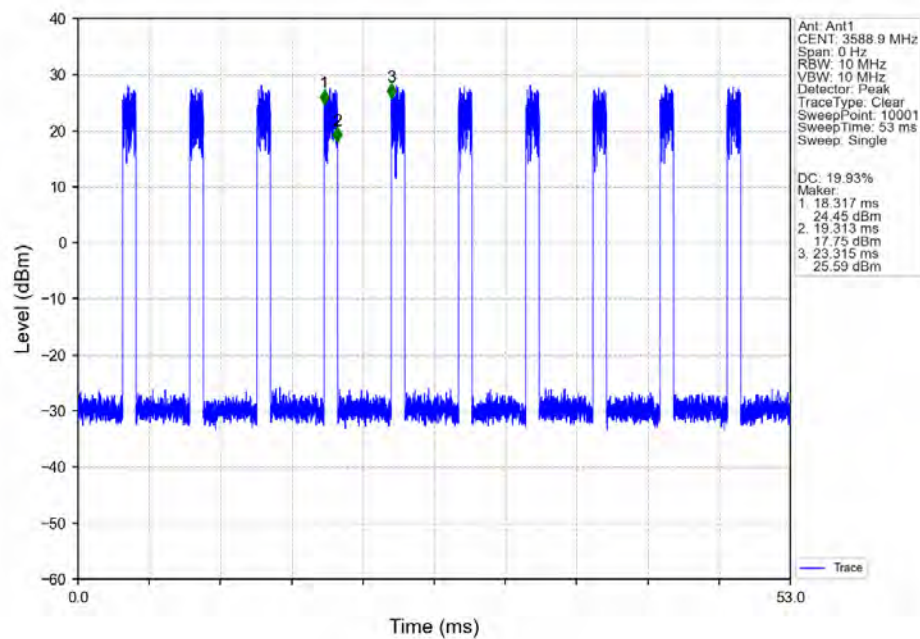




n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3570MHz Edge 1RB Left Ant1

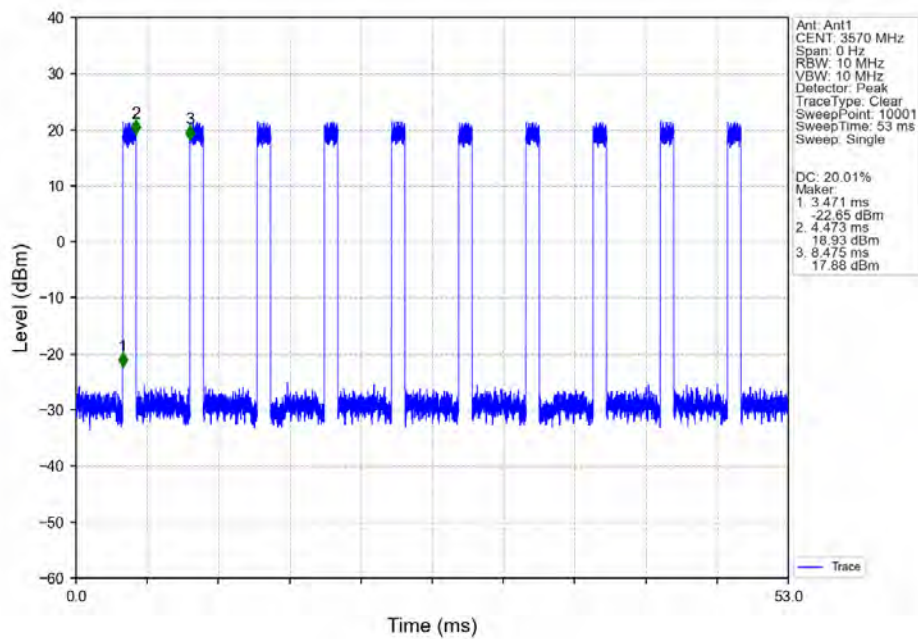


n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3570MHz Edge 1RB Right Ant1

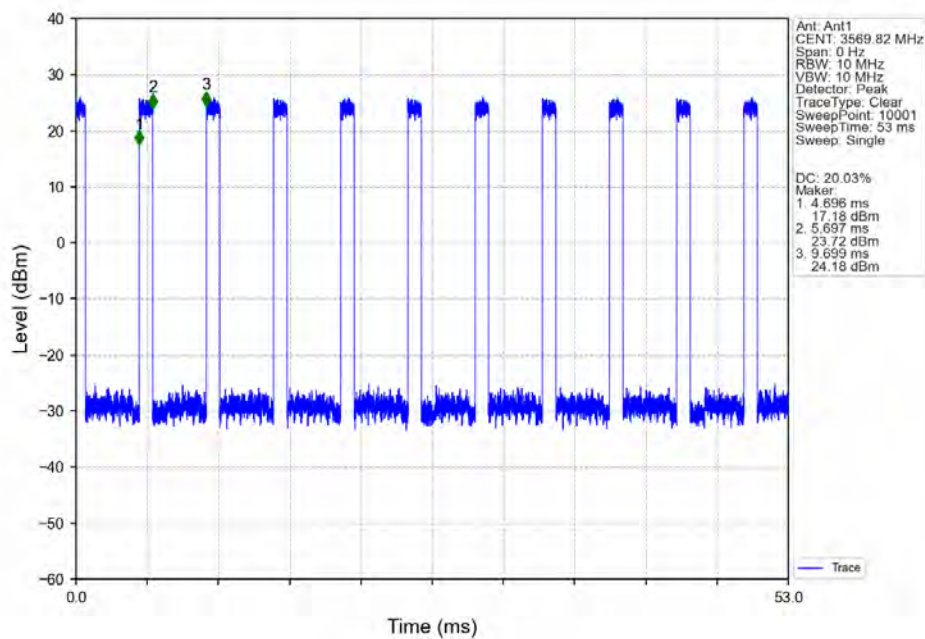




n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3570MHz Outer Full Ant1



n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3570MHz Inner Full Ant1



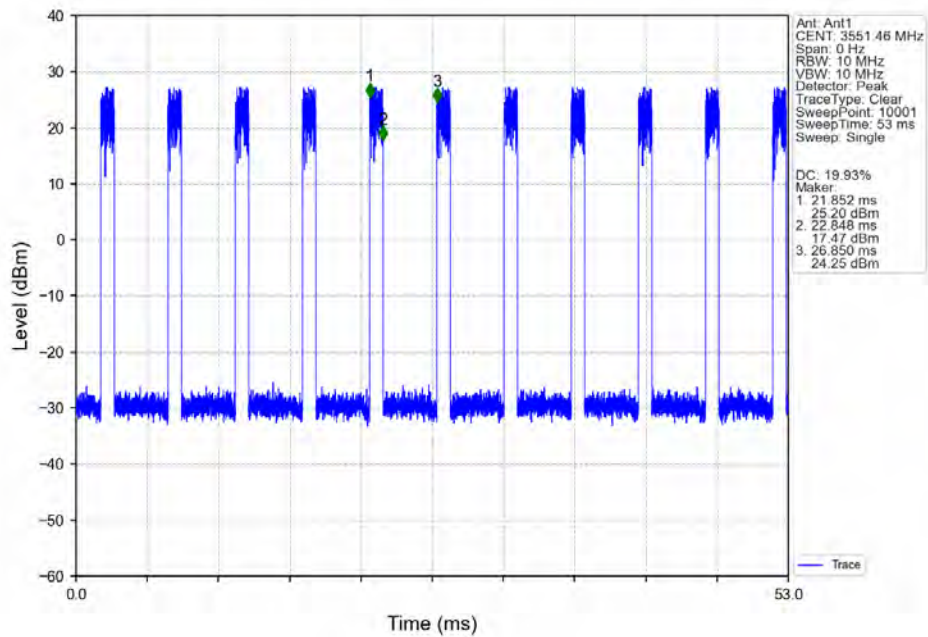


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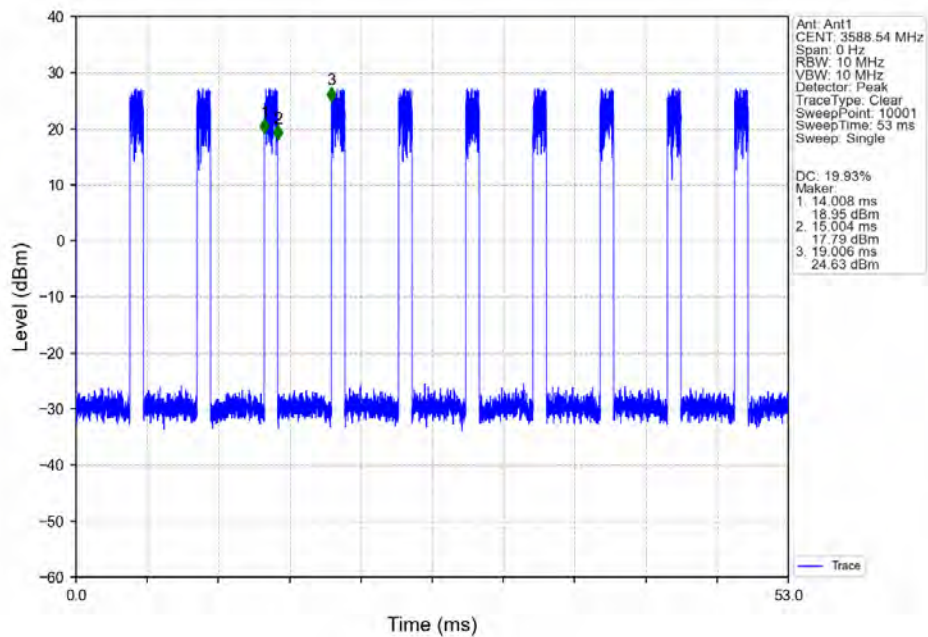
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3570MHz_Inner_1RB_Left_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3570MHz_Inner_1RB_Right_Ant1



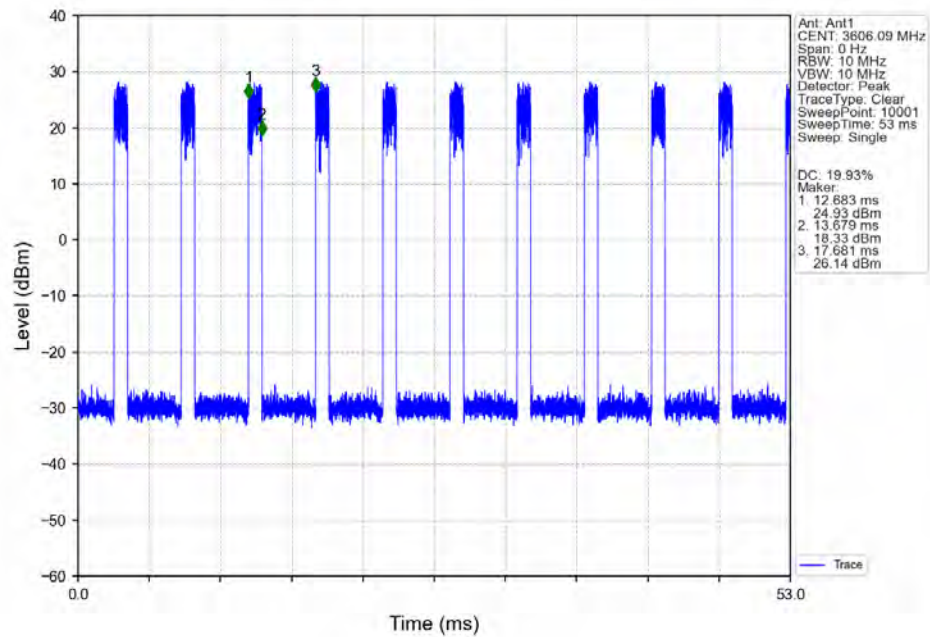


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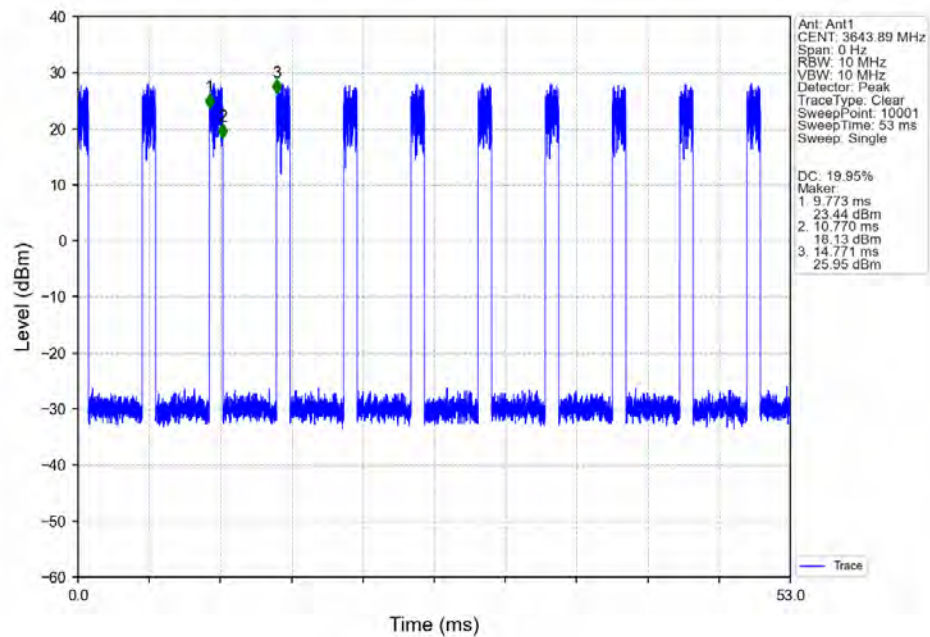
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3624.99MHz_Edge_1RB_Left_Ant1

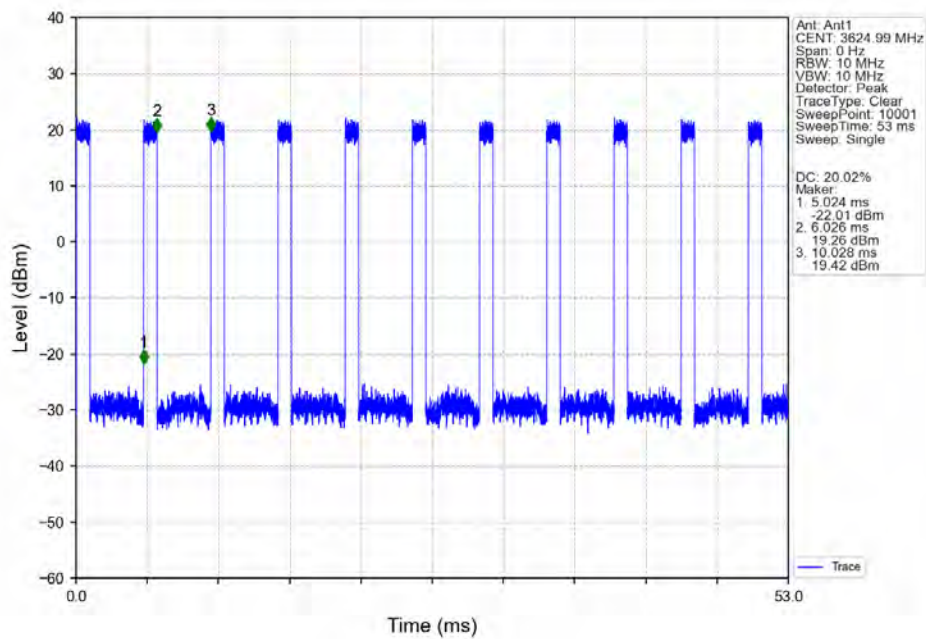


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3624.99MHz_Edge_1RB_Right_Ant1

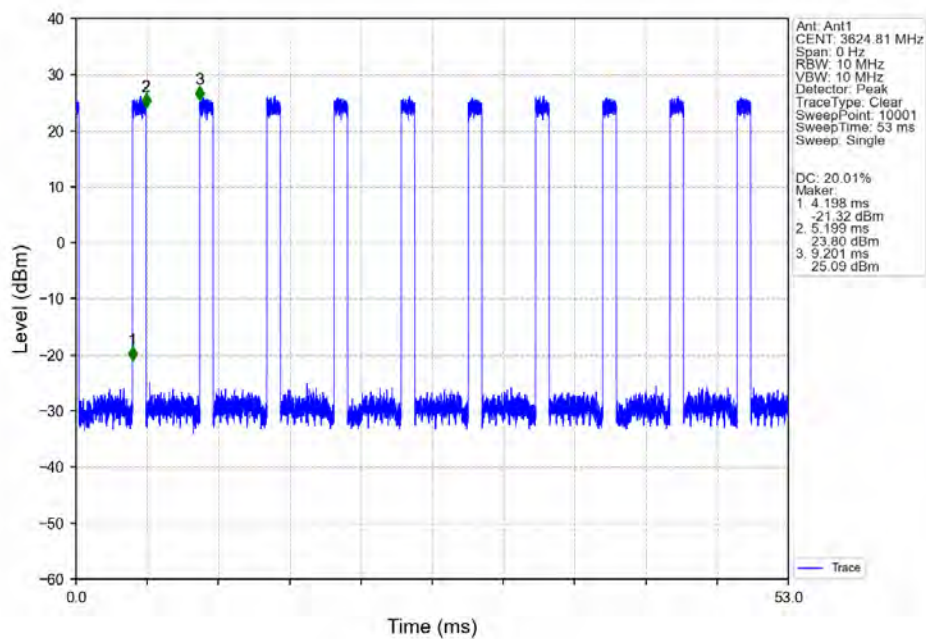




n48 30kHz SISO NTV 40MHz CP-OFDM 64 QAM 3624.99MHz Outer Full Ant1



n48 30kHz SISO NTV 40MHz CP-OFDM 64 QAM 3624.99MHz Inner Full Ant1



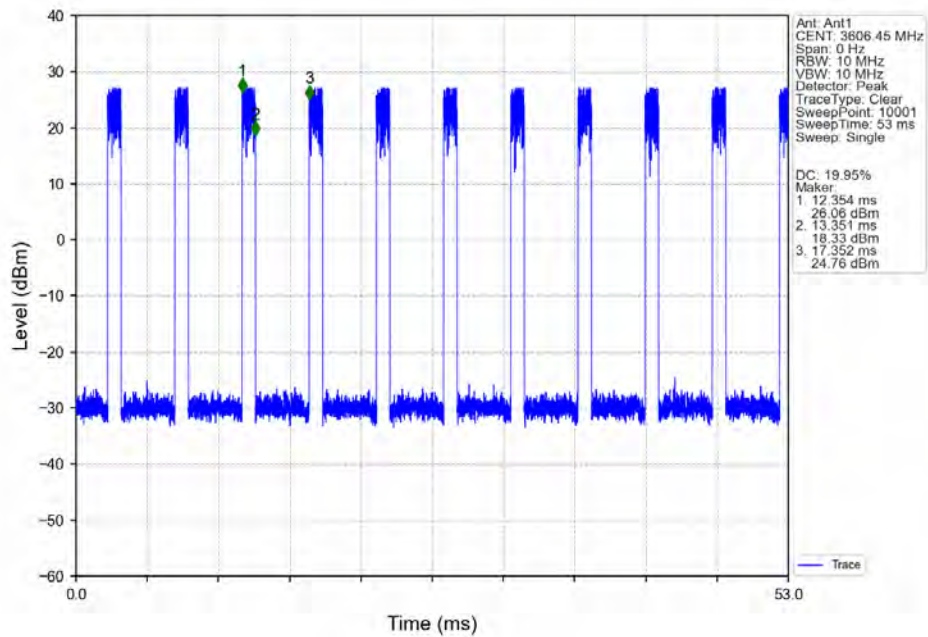


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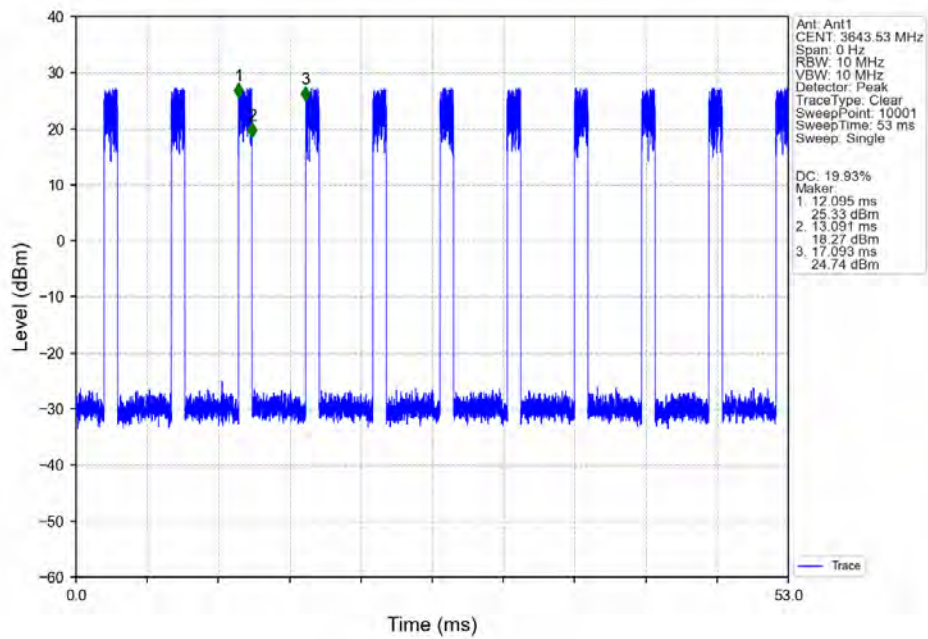
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3624.99MHz_Inner_1RB_Left_Ant1

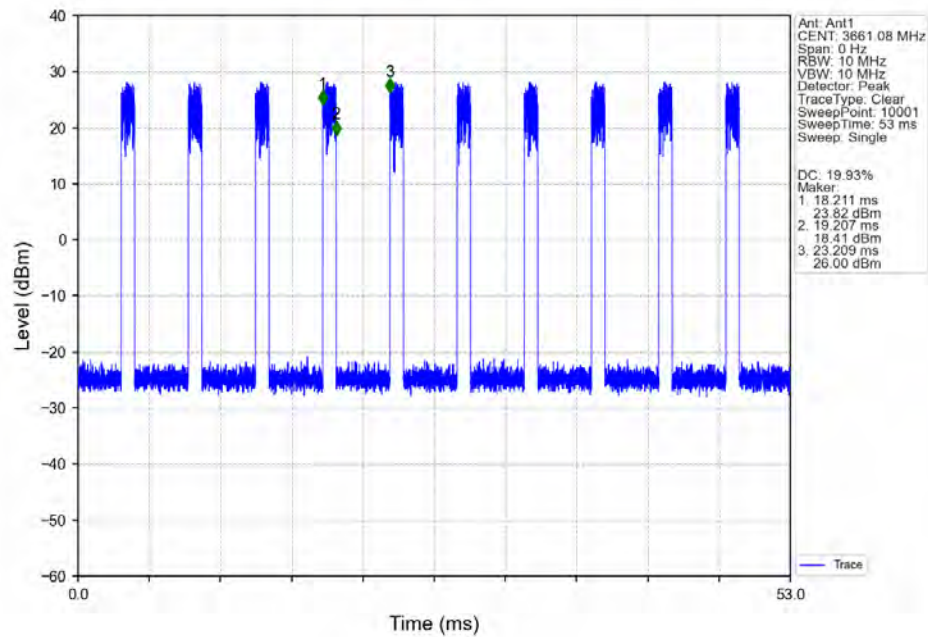


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3624.99MHz_Inner_1RB_Right_Ant1

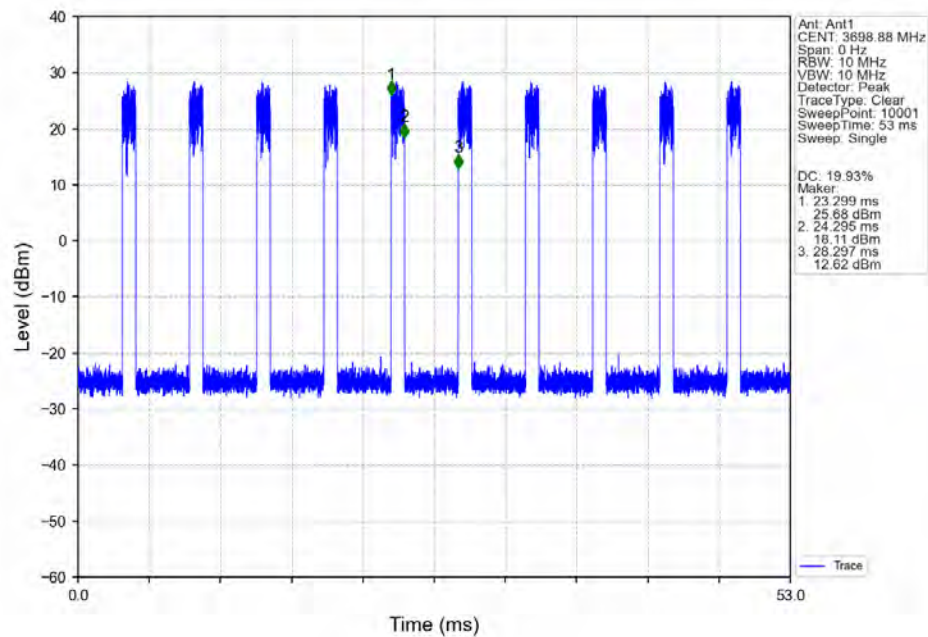




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3679.98MHz_Edge_1RB_Left_Ant1

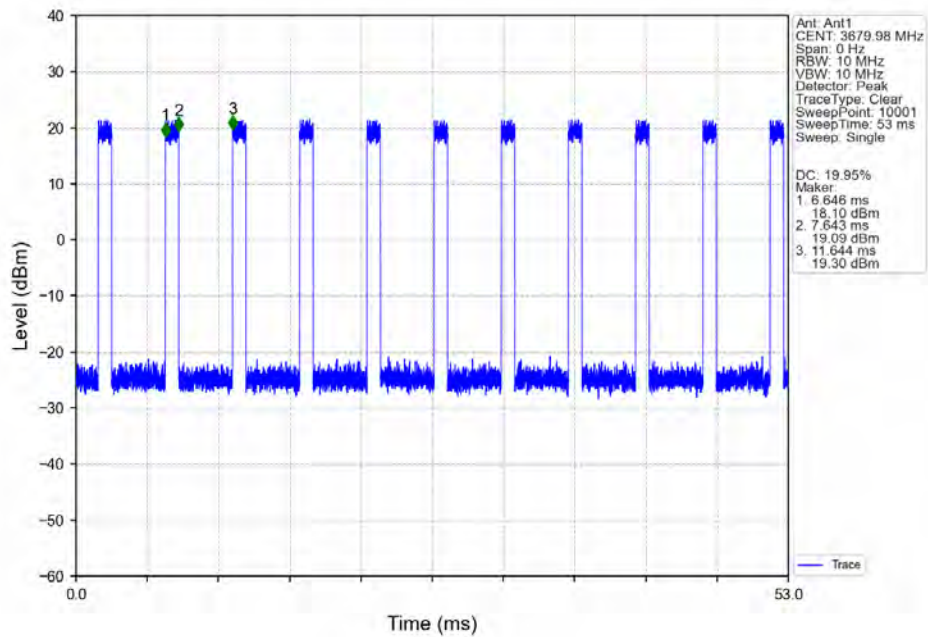


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3679.98MHz_Edge_1RB_Right_Ant1

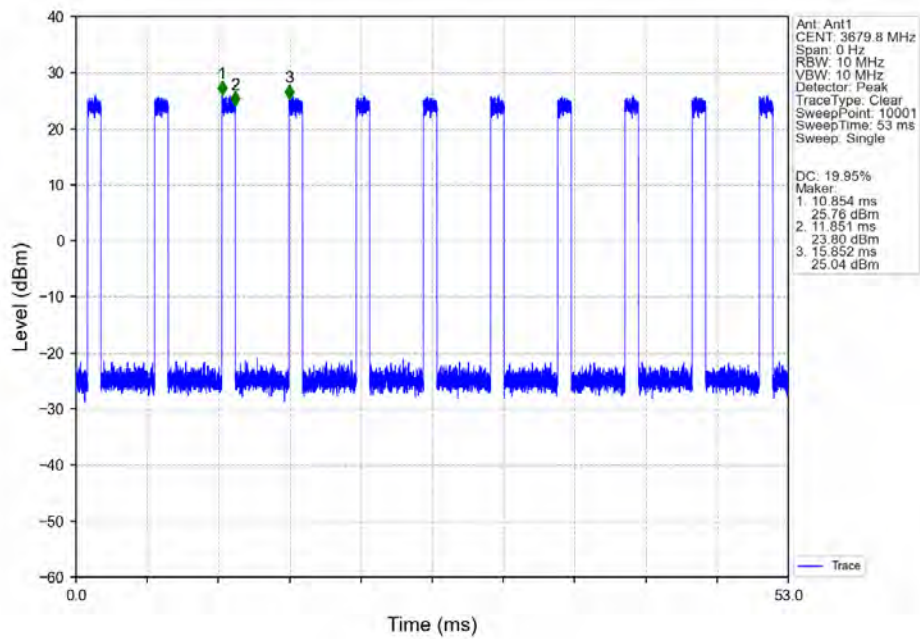




n48 30kHz SISO NTV 40MHz CP-OFDM 64 QAM 3679.98MHz Outer Full Ant1

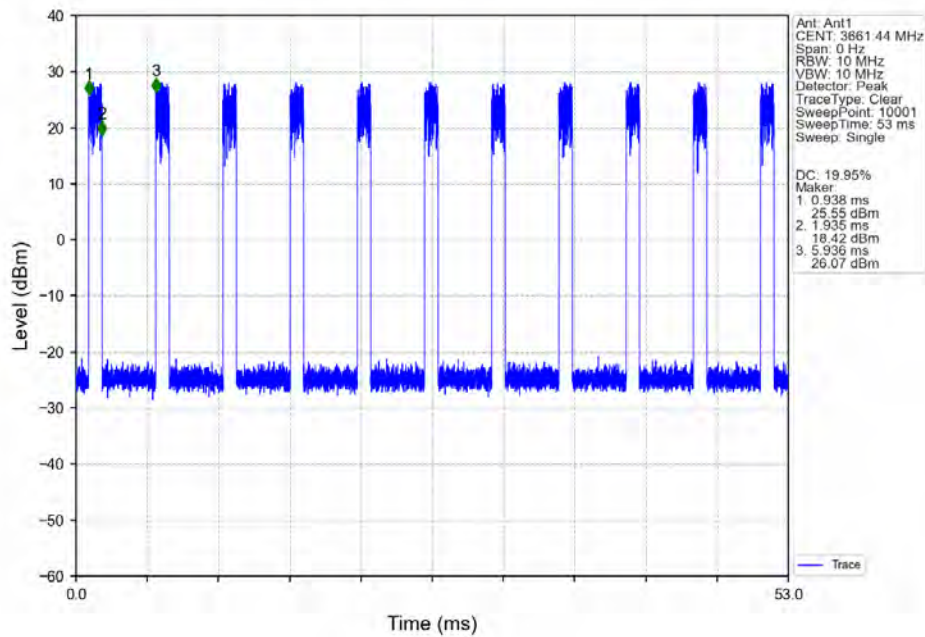


n48 30kHz SISO NTV 40MHz CP-OFDM 64 QAM 3679.98MHz Inner Full Ant1

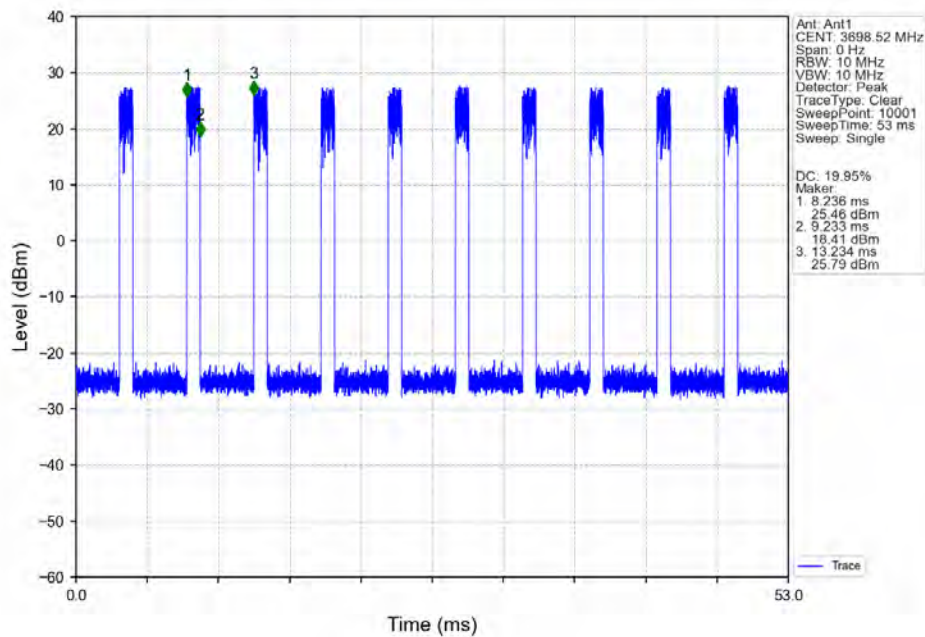




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3679.98MHz_Inner_1RB_Left_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3679.98MHz_Inner_1RB_Right_Ant1



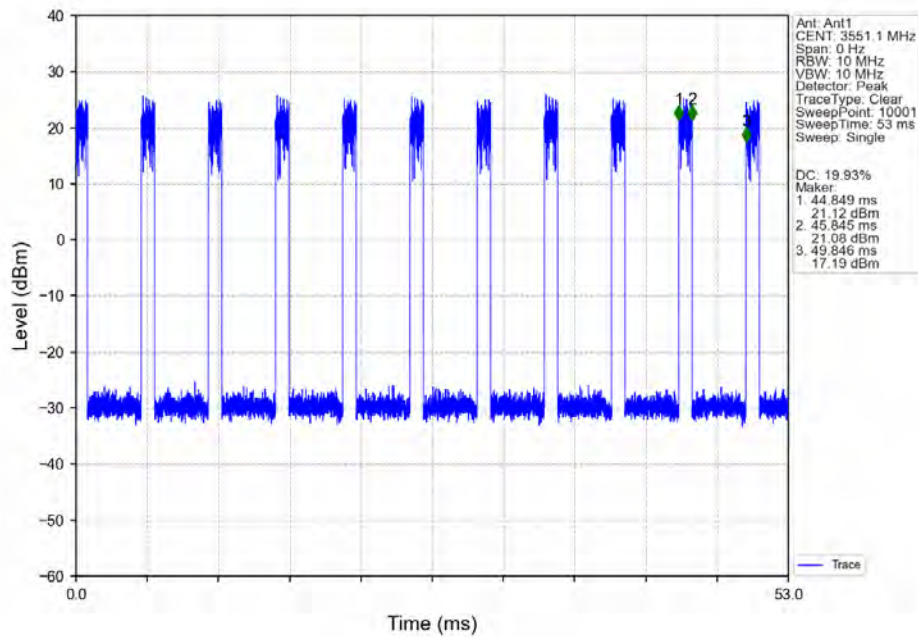


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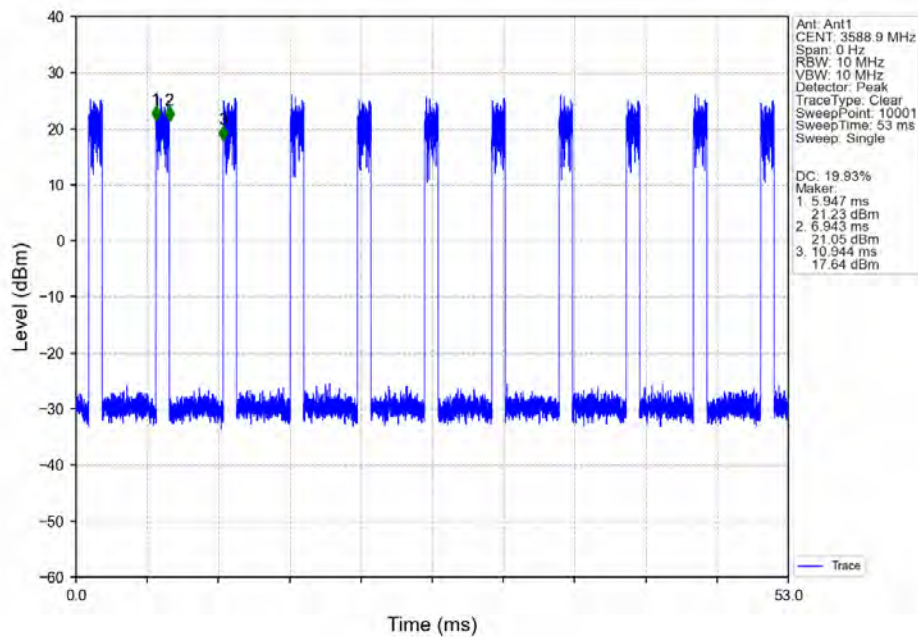
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Edge_1RB_Left_Ant1

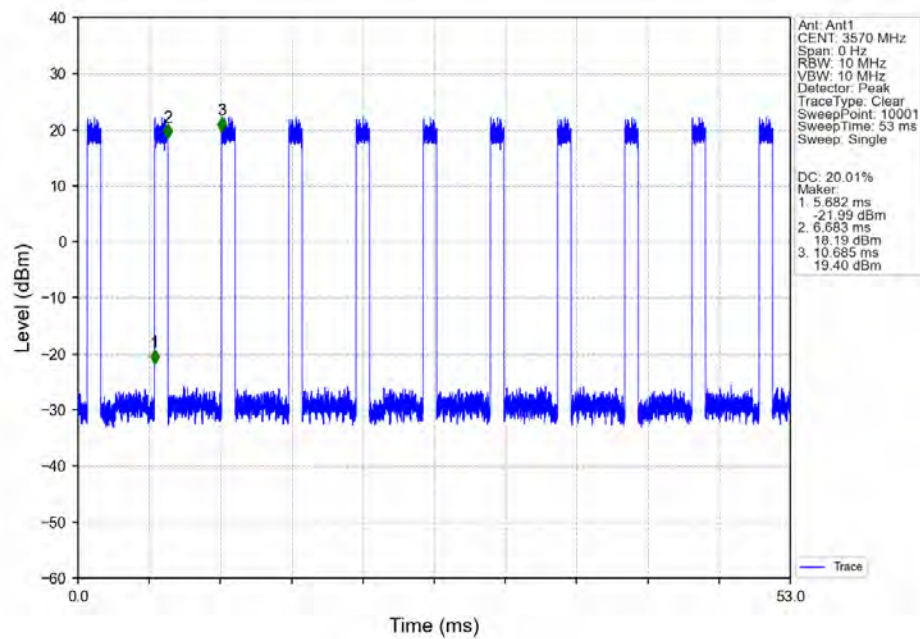


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Edge_1RB_Right_Ant1

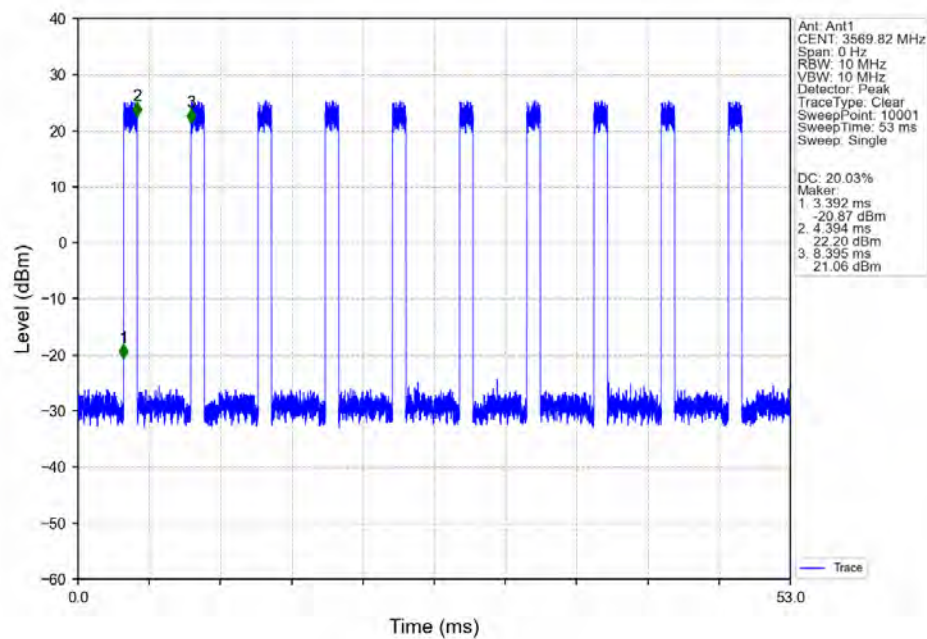




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Outer_Full_Ant1

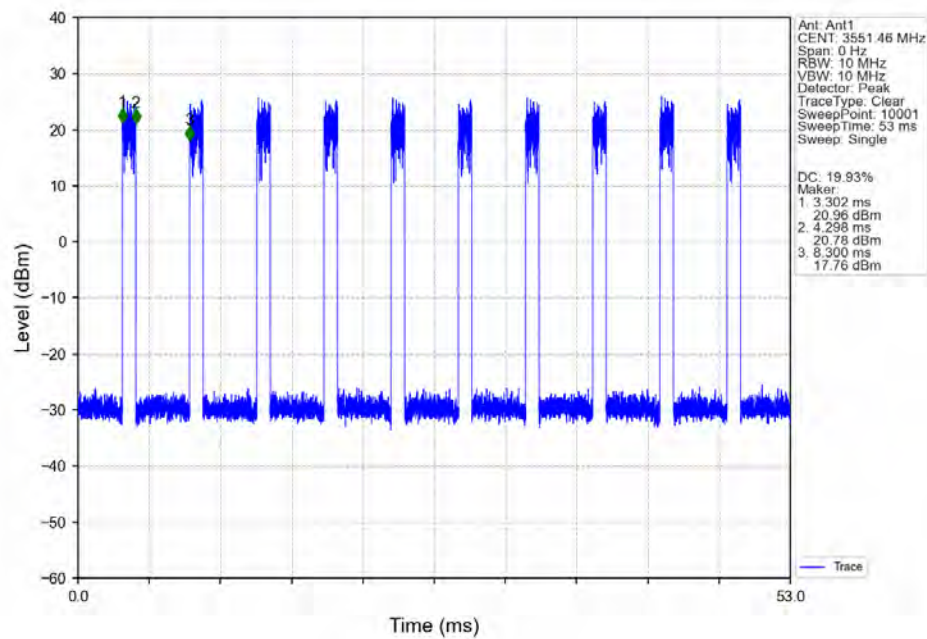


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Inner_Full_Ant1

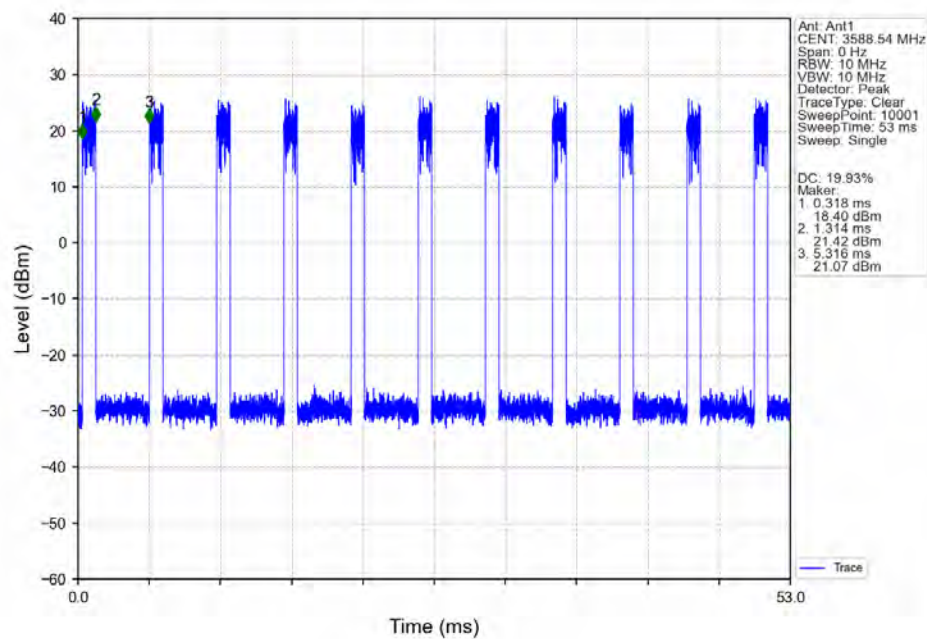




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Inner_1RB_Left_Ant1

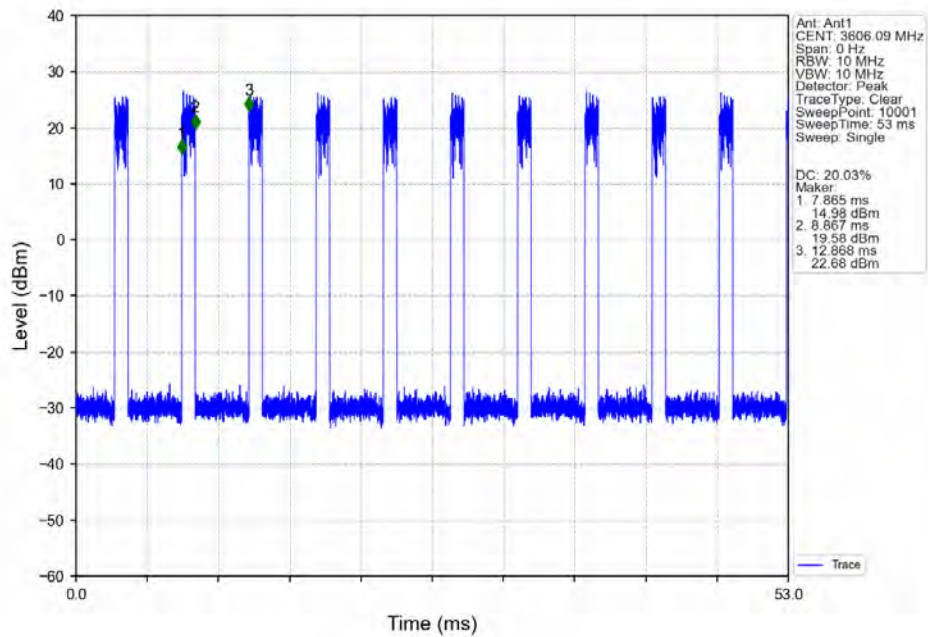


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Inner_1RB_Right_Ant1

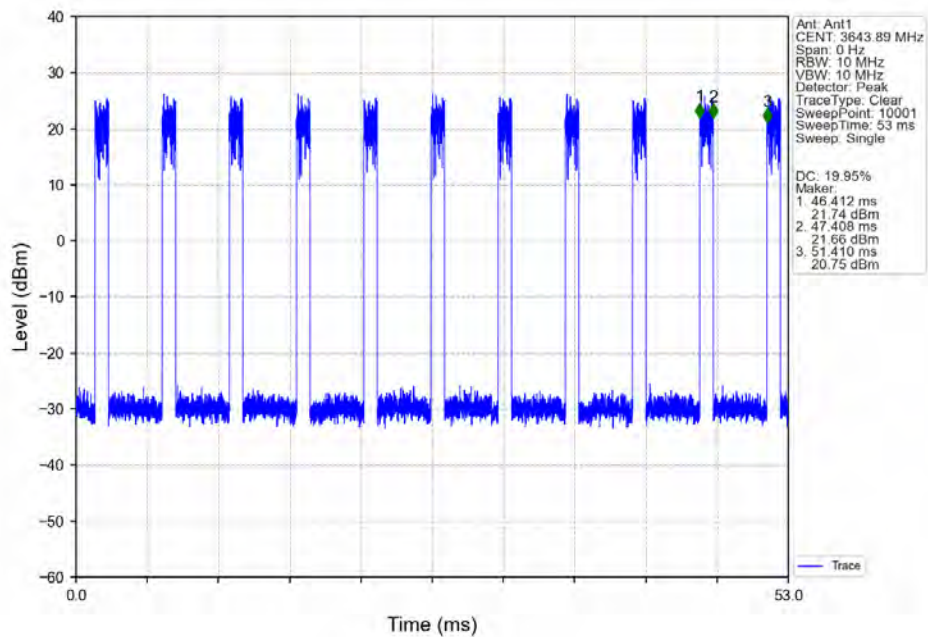




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Left_Ant1

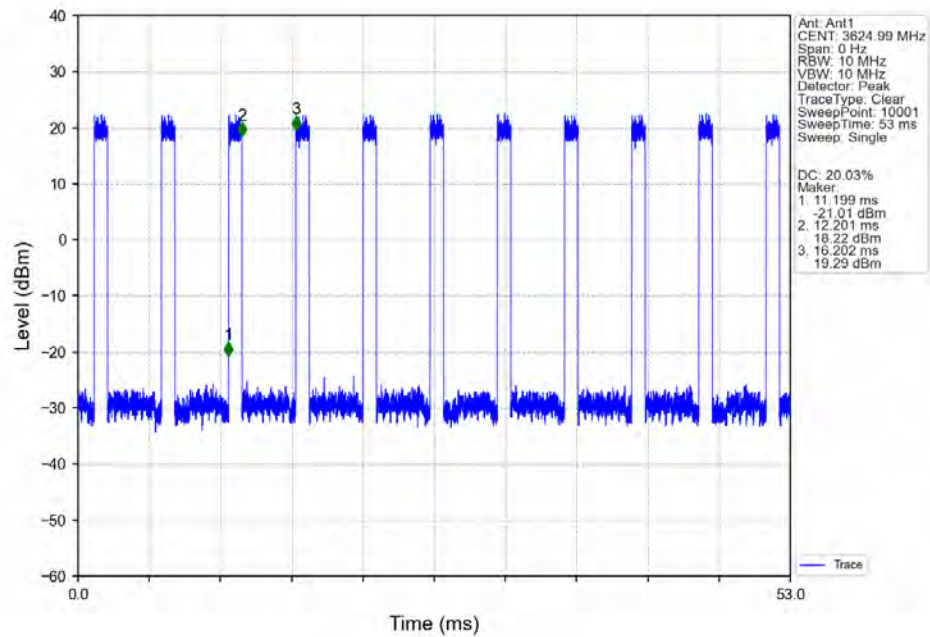


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Right_Ant1

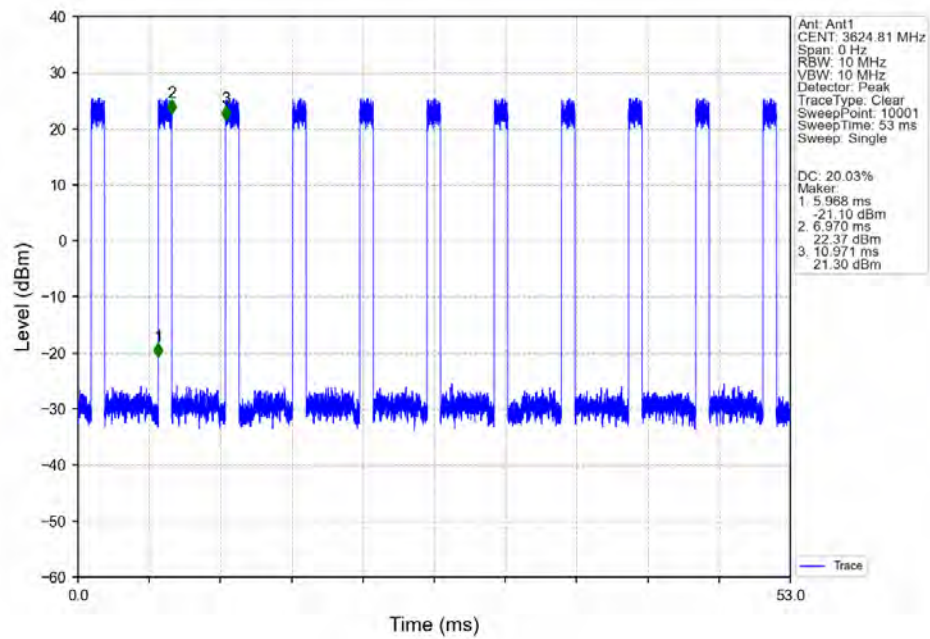




n48 30kHz SISO NTVN 40MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant1



n48 30kHz SISO NTVN 40MHz CP-OFDM 256 QAM 3624.99MHz Inner Full Ant1



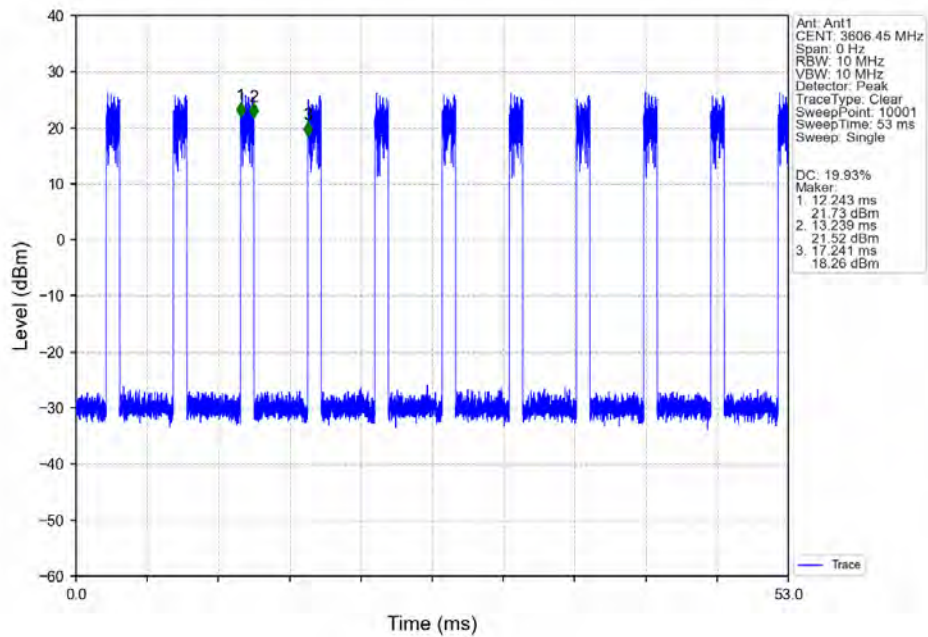


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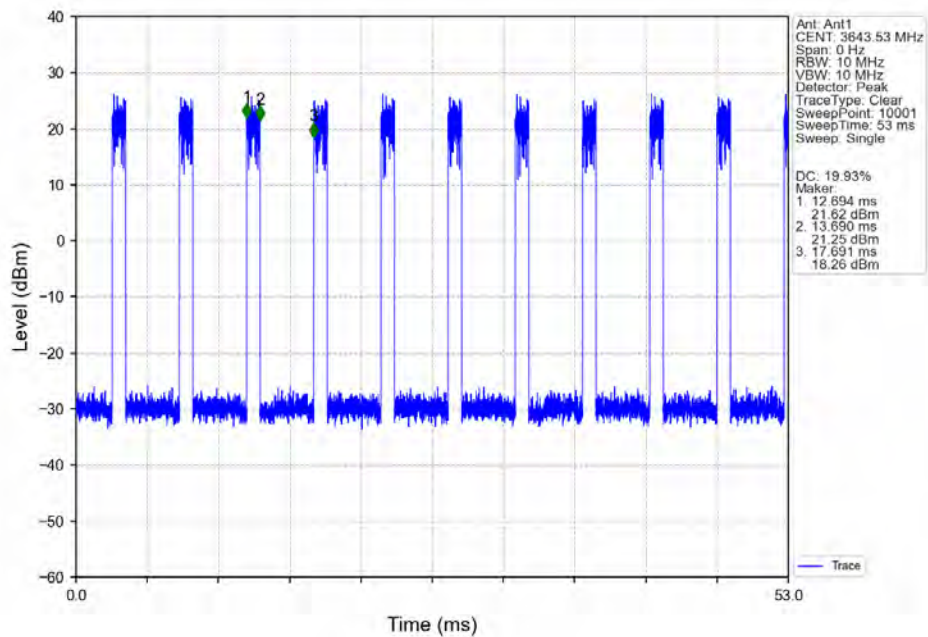
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Left_Ant1

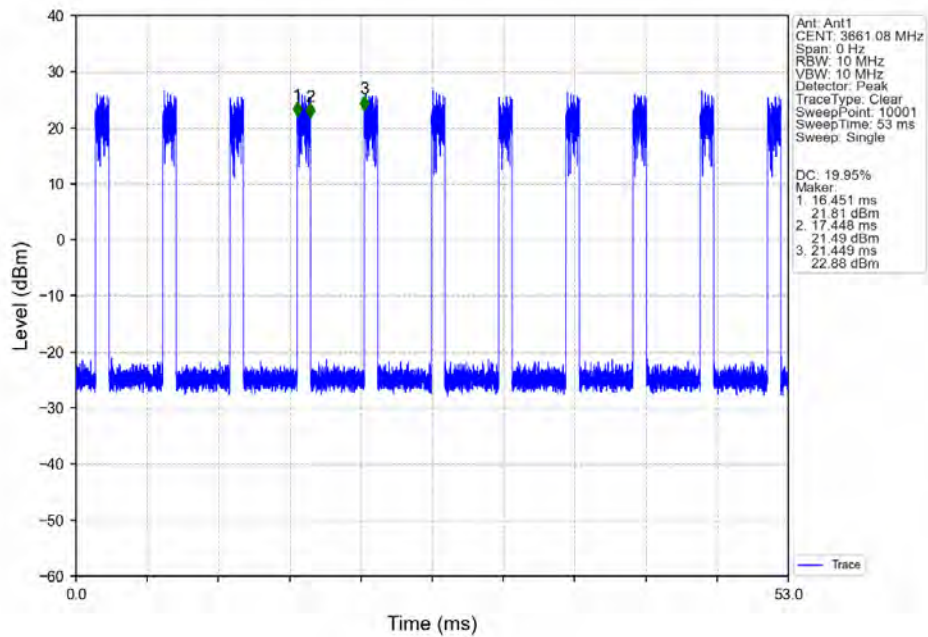


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Right_Ant1

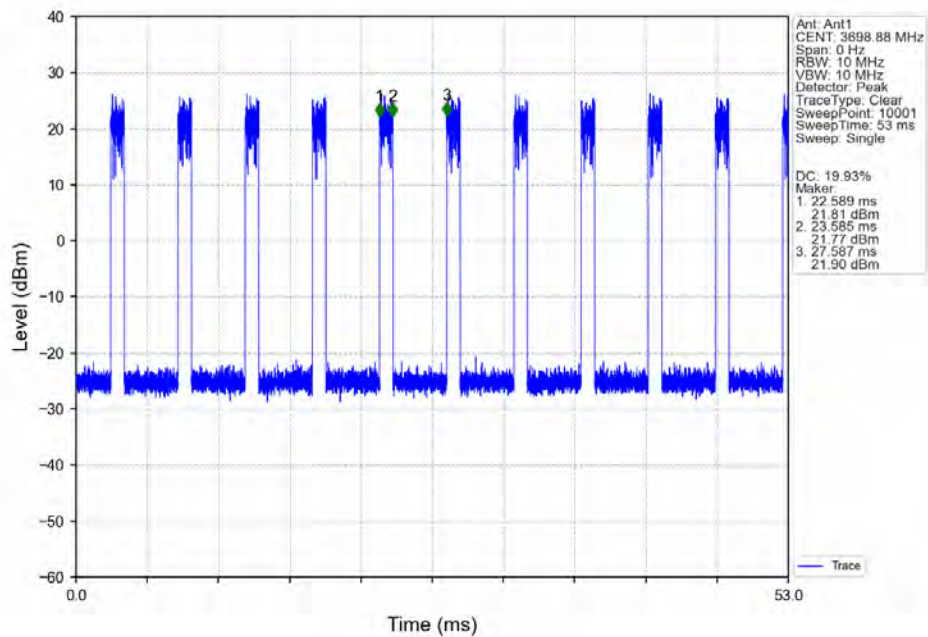




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Edge_1RB_Left_Ant1

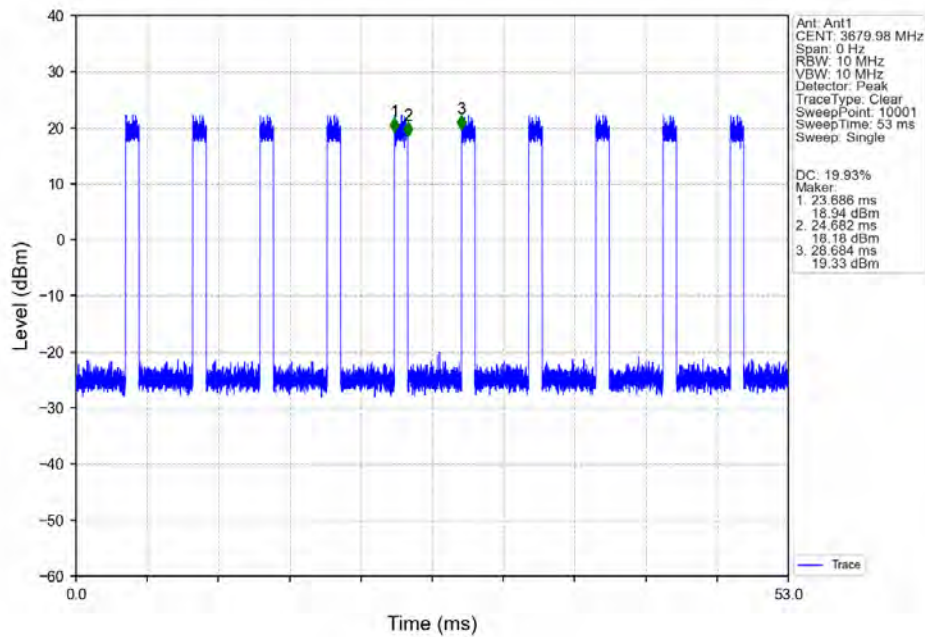


n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Edge_1RB_Right_Ant1

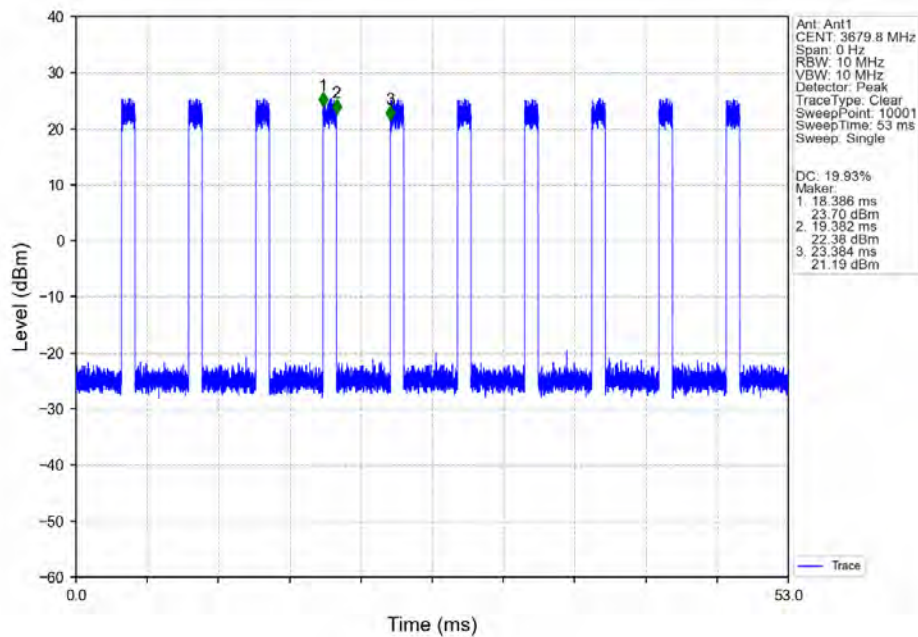




n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3679.98MHz Outer Full Ant1



n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3679.98MHz Inner Full Ant1

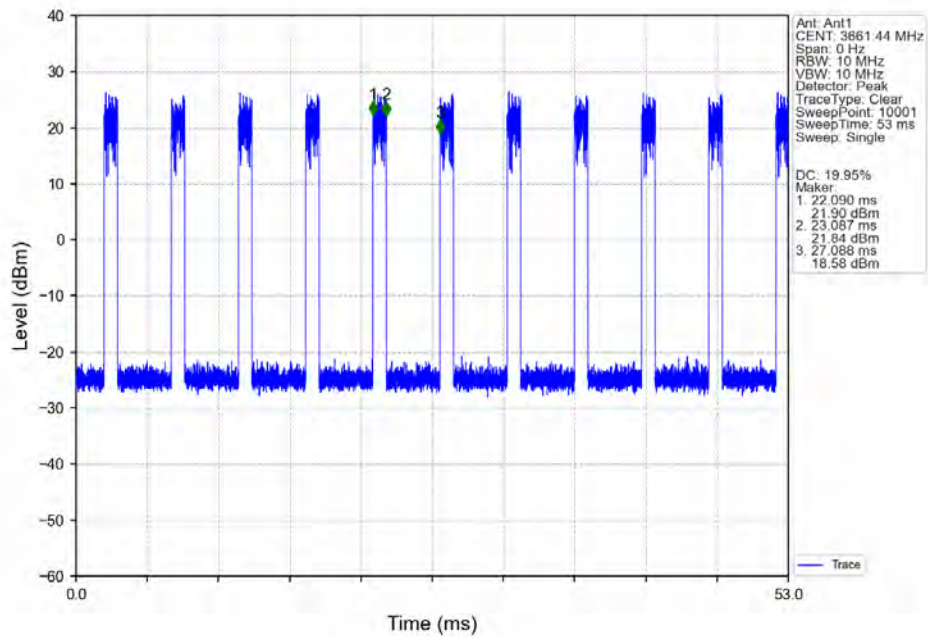




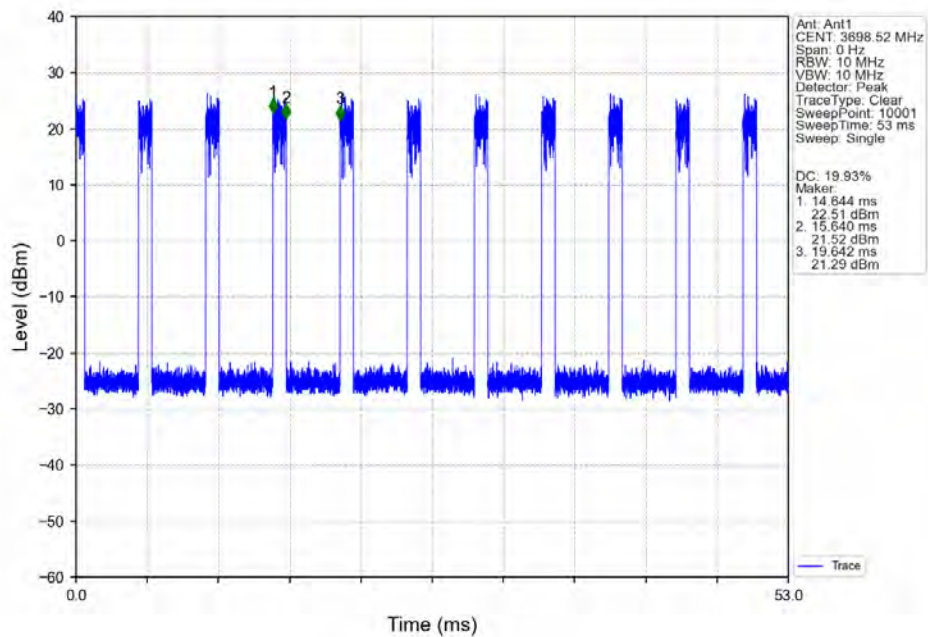
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No.: PBJ-NQN2412130113RF02
FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Inner_1RB_Left_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Inner_1RB_Right_Ant1





2. Effective (Isotropic) Radiated Power Output Data

2.1 Test Result

2.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge 1RB Left	23.09	/	/	22.39	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	22.15	/	/	<=30	Pass
		Outer Full	23.02	/	/	22.32	/	/	<=30	Pass
		Inner Full	23.46	/	/	22.76	/	/	<=30	Pass
		Inner 1RB Left	23.54	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Right	23.40	/	/	22.70	/	/	<=30	Pass
	3624.99	Edge 1RB Left	22.94	/	/	22.24	/	/	<=30	Pass
		Edge 1RB Right	23.06	/	/	22.36	/	/	<=30	Pass
		Outer Full	23.01	/	/	22.31	/	/	<=30	Pass
		Inner Full	23.55	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Left	23.45	/	/	22.75	/	/	<=30	Pass
		Inner 1RB Right	23.58	/	/	22.88	/	/	<=30	Pass
	3694.98	Edge 1RB Left	23.16	/	/	22.46	/	/	<=30	Pass
		Edge 1RB Right	23.12	/	/	22.42	/	/	<=30	Pass
		Outer Full	23.06	/	/	22.36	/	/	<=30	Pass
		Inner Full	23.57	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Left	23.60	/	/	22.90	/	/	<=30	Pass
		Inner 1RB Right	23.63	/	/	22.93	/	/	<=30	Pass
DFT-s-OFDM QPSK	3555	Edge 1RB Left	22.65	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	21.66	/	/	<=30	Pass
		Outer Full	22.56	/	/	21.86	/	/	<=30	Pass
		Inner Full	23.55	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Left	23.53	/	/	22.83	/	/	<=30	Pass
		Inner 1RB Right	23.41	/	/	22.71	/	/	<=30	Pass
	3624.99	Edge 1RB Left	22.49	/	/	21.79	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	21.91	/	/	<=30	Pass
		Outer Full	22.60	/	/	21.90	/	/	<=30	Pass
		Inner Full	23.50	/	/	22.80	/	/	<=30	Pass
		Inner 1RB Left	23.42	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	22.82	/	/	<=30	Pass
	3694.98	Edge 1RB Left	22.58	/	/	21.88	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	21.90	/	/	<=30	Pass
		Outer Full	22.64	/	/	21.94	/	/	<=30	Pass
		Inner Full	23.61	/	/	22.91	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Right	23.49	/	/	22.79	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3555	Edge 1RB Left	21.70	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	21.44	/	/	20.74	/	/	<=30	Pass
		Outer Full	21.55	/	/	20.85	/	/	<=30	Pass
		Inner Full	22.59	/	/	21.89	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Right	22.71	/	/	22.01	/	/	<=30	Pass
	3624.99	Edge 1RB Left	21.63	/	/	20.93	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	20.97	/	/	<=30	Pass
		Outer Full	21.53	/	/	20.83	/	/	<=30	Pass



		Inner Full	22.53	/	/	21.83	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Right	22.73	/	/	22.03	/	/	<=30	Pass
	3694.98	Edge 1RB Left	21.76	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	21.03	/	/	<=30	Pass
		Outer Full	21.64	/	/	20.94	/	/	<=30	Pass
		Inner Full	22.69	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Left	22.76	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Right	22.72	/	/	22.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3555	Edge 1RB Left	21.14	/	/	20.44	/	/	<=30	Pass
		Edge 1RB Right	20.87	/	/	20.17	/	/	<=30	Pass
		Outer Full	21.06	/	/	20.36	/	/	<=30	Pass
		Inner Full	20.98	/	/	20.28	/	/	<=30	Pass
		Inner 1RB Left	21.14	/	/	20.44	/	/	<=30	Pass
		Inner 1RB Right	20.92	/	/	20.22	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.92	/	/	20.22	/	/	<=30	Pass
		Edge 1RB Right	21.07	/	/	20.37	/	/	<=30	Pass
		Outer Full	21.07	/	/	20.37	/	/	<=30	Pass
		Inner Full	20.96	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Left	20.67	/	/	19.97	/	/	<=30	Pass
		Inner 1RB Right	21.10	/	/	20.40	/	/	<=30	Pass
	3694.98	Edge 1RB Left	21.03	/	/	20.33	/	/	<=30	Pass
		Edge 1RB Right	21.23	/	/	20.53	/	/	<=30	Pass
		Outer Full	21.15	/	/	20.45	/	/	<=30	Pass
		Inner Full	21.08	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Left	21.00	/	/	20.30	/	/	<=30	Pass
		Inner 1RB Right	21.12	/	/	20.42	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3555	Edge 1RB Left	18.88	/	/	18.18	/	/	<=30	Pass
		Edge 1RB Right	18.83	/	/	18.13	/	/	<=30	Pass
		Outer Full	18.99	/	/	18.29	/	/	<=30	Pass
		Inner Full	18.97	/	/	18.27	/	/	<=30	Pass
		Inner 1RB Left	18.97	/	/	18.27	/	/	<=30	Pass
		Inner 1RB Right	18.74	/	/	18.04	/	/	<=30	Pass
	3624.99	Edge 1RB Left	18.79	/	/	18.09	/	/	<=30	Pass
		Edge 1RB Right	18.85	/	/	18.15	/	/	<=30	Pass
		Outer Full	18.99	/	/	18.29	/	/	<=30	Pass
		Inner Full	18.97	/	/	18.27	/	/	<=30	Pass
		Inner 1RB Left	18.82	/	/	18.12	/	/	<=30	Pass
		Inner 1RB Right	18.95	/	/	18.25	/	/	<=30	Pass
	3694.98	Edge 1RB Left	19.06	/	/	18.36	/	/	<=30	Pass
		Edge 1RB Right	18.97	/	/	18.27	/	/	<=30	Pass
		Outer Full	19.15	/	/	18.45	/	/	<=30	Pass
		Inner Full	19.14	/	/	18.44	/	/	<=30	Pass
		Inner 1RB Left	19.06	/	/	18.36	/	/	<=30	Pass
		Inner 1RB Right	19.09	/	/	18.39	/	/	<=30	Pass
CP-OFDM QPSK	3555	Edge 1RB Left	20.57	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	20.38	/	/	19.68	/	/	<=30	Pass
		Outer Full	19.01	/	/	18.31	/	/	<=30	Pass
		Inner Full	22.07	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Left	22.01	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Right	21.85	/	/	21.15	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.46	/	/	19.76	/	/	<=30	Pass
		Edge 1RB Right	20.58	/	/	19.88	/	/	<=30	Pass



		Outer Full	19.01	/	/	18.31	/	/	<=30	Pass
		Inner Full	22.06	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Left	21.86	/	/	21.16	/	/	<=30	Pass
		Inner 1RB Right	22.05	/	/	21.35	/	/	<=30	Pass
	3694.98	Edge 1RB Left	20.63	/	/	19.93	/	/	<=30	Pass
		Edge 1RB Right	20.64	/	/	19.94	/	/	<=30	Pass
		Outer Full	19.07	/	/	18.37	/	/	<=30	Pass
		Inner Full	22.14	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Left	22.03	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Left	20.74	/	/	20.04	/	/	<=30	Pass
		Edge 1RB Right	20.35	/	/	19.65	/	/	<=30	Pass
CP-OFDM 16 QAM	3555	Outer Full	19.01	/	/	18.31	/	/	<=30	Pass
		Inner Full	21.57	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Left	21.66	/	/	20.96	/	/	<=30	Pass
		Inner 1RB Right	21.43	/	/	20.73	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.51	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	20.67	/	/	19.97	/	/	<=30	Pass
		Outer Full	19.05	/	/	18.35	/	/	<=30	Pass
		Inner Full	21.63	/	/	20.93	/	/	<=30	Pass
		Inner 1RB Left	21.49	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Right	21.64	/	/	20.94	/	/	<=30	Pass
	3694.98	Edge 1RB Left	20.68	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Right	20.72	/	/	20.02	/	/	<=30	Pass
		Outer Full	19.18	/	/	18.48	/	/	<=30	Pass
		Inner Full	21.67	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	21.59	/	/	20.89	/	/	<=30	Pass
		Inner 1RB Right	21.68	/	/	20.98	/	/	<=30	Pass
CP-OFDM 64 QAM	3555	Edge 1RB Left	20.29	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	19.99	/	/	19.29	/	/	<=30	Pass
		Outer Full	17.96	/	/	17.26	/	/	<=30	Pass
		Inner Full	20.06	/	/	19.36	/	/	<=30	Pass
		Inner 1RB Left	20.06	/	/	19.36	/	/	<=30	Pass
		Inner 1RB Right	20.07	/	/	19.37	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.12	/	/	19.42	/	/	<=30	Pass
		Edge 1RB Right	20.28	/	/	19.58	/	/	<=30	Pass
		Outer Full	17.99	/	/	17.29	/	/	<=30	Pass
		Inner Full	20.13	/	/	19.43	/	/	<=30	Pass
		Inner 1RB Left	20.01	/	/	19.31	/	/	<=30	Pass
		Inner 1RB Right	20.21	/	/	19.51	/	/	<=30	Pass
	3694.98	Edge 1RB Left	20.12	/	/	19.42	/	/	<=30	Pass
		Edge 1RB Right	20.28	/	/	19.58	/	/	<=30	Pass
		Outer Full	18.07	/	/	17.37	/	/	<=30	Pass
		Inner Full	20.07	/	/	19.37	/	/	<=30	Pass
		Inner 1RB Left	20.15	/	/	19.45	/	/	<=30	Pass
		Inner 1RB Right	20.24	/	/	19.54	/	/	<=30	Pass
CP-OFDM 256 QAM	3555	Edge 1RB Left	17.98	/	/	17.28	/	/	<=30	Pass
		Edge 1RB Right	17.83	/	/	17.13	/	/	<=30	Pass
		Outer Full	17.96	/	/	17.26	/	/	<=30	Pass
		Inner Full	17.92	/	/	17.22	/	/	<=30	Pass
		Inner 1RB Left	18.02	/	/	17.32	/	/	<=30	Pass
		Inner 1RB Right	17.83	/	/	17.13	/	/	<=30	Pass
	3624.99	Edge 1RB Left	17.87	/	/	17.17	/	/	<=30	Pass



		Edge 1RB Right	18.06	/	/	17.36	/	/	<=30	Pass
		Outer Full	18.02	/	/	17.32	/	/	<=30	Pass
		Inner Full	17.90	/	/	17.20	/	/	<=30	Pass
		Inner 1RB Left	17.92	/	/	17.22	/	/	<=30	Pass
		Inner 1RB Right	17.96	/	/	17.26	/	/	<=30	Pass
	3694.98	Edge 1RB Left	17.92	/	/	17.22	/	/	<=30	Pass
		Edge 1RB Right	18.06	/	/	17.36	/	/	<=30	Pass
		Outer Full	18.04	/	/	17.34	/	/	<=30	Pass
		Inner Full	18.02	/	/	17.32	/	/	<=30	Pass
		Inner 1RB Left	18.15	/	/	17.45	/	/	<=30	Pass
		Inner 1RB Right	18.14	/	/	17.44	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.70dBi;

Note2: EIRP=Conducted Power+Antenna Gain

2.1.2 30k_SISO_20MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge 1RB Left	23.31	/	/	22.61	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	22.38	/	/	<=30	Pass
		Outer Full	23.18	/	/	22.48	/	/	<=30	Pass
		Inner Full	23.72	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	23.68	/	/	22.98	/	/	<=30	Pass
	3624.99	Edge 1RB Left	23.16	/	/	22.46	/	/	<=30	Pass
		Edge 1RB Right	23.46	/	/	22.76	/	/	<=30	Pass
		Outer Full	23.24	/	/	22.54	/	/	<=30	Pass
		Inner Full	23.78	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	22.99	/	/	<=30	Pass
		Inner 1RB Right	23.88	/	/	23.18	/	/	<=30	Pass
	3690	Edge 1RB Left	23.46	/	/	22.76	/	/	<=30	Pass
		Edge 1RB Right	23.30	/	/	22.60	/	/	<=30	Pass
		Outer Full	23.32	/	/	22.62	/	/	<=30	Pass
		Inner Full	23.81	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Left	23.89	/	/	23.19	/	/	<=30	Pass
		Inner 1RB Right	23.78	/	/	23.08	/	/	<=30	Pass
DFT-s-OFDM QPSK	3560.01	Edge 1RB Left	22.88	/	/	22.18	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	22.09	/	/	<=30	Pass
		Outer Full	22.73	/	/	22.03	/	/	<=30	Pass
		Inner Full	23.75	/	/	23.05	/	/	<=30	Pass
		Inner 1RB Left	23.90	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Right	23.84	/	/	23.14	/	/	<=30	Pass
	3624.99	Edge 1RB Left	22.67	/	/	21.97	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	22.17	/	/	<=30	Pass
		Outer Full	22.76	/	/	22.06	/	/	<=30	Pass
		Inner Full	23.80	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Left	23.53	/	/	22.83	/	/	<=30	Pass
		Inner 1RB Right	23.81	/	/	23.11	/	/	<=30	Pass
	3690	Edge 1RB Left	23.02	/	/	22.32	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	22.21	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.13	/	/	<=30	Pass
		Inner Full	23.84	/	/	23.14	/	/	<=30	Pass



DFT-s-OFDM 16 QAM		Inner 1RB Left	23.84	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Right	23.88	/	/	23.18	/	/	<=30	Pass
	3560.01	Edge 1RB Left	21.96	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	21.75	/	/	21.05	/	/	<=30	Pass
		Outer Full	21.81	/	/	21.11	/	/	<=30	Pass
		Inner Full	22.82	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Left	22.99	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Right	23.00	/	/	22.30	/	/	<=30	Pass
	3624.99	Edge 1RB Left	21.73	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	21.30	/	/	<=30	Pass
		Outer Full	21.76	/	/	21.06	/	/	<=30	Pass
		Inner Full	22.82	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Left	22.74	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Right	23.02	/	/	22.32	/	/	<=30	Pass
	3690	Edge 1RB Left	21.97	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	21.19	/	/	<=30	Pass
		Outer Full	21.92	/	/	21.22	/	/	<=30	Pass
		Inner Full	22.90	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Left	23.05	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	22.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge 1RB Left	21.53	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	21.27	/	/	20.57	/	/	<=30	Pass
		Outer Full	21.33	/	/	20.63	/	/	<=30	Pass
		Inner Full	21.27	/	/	20.57	/	/	<=30	Pass
		Inner 1RB Left	21.45	/	/	20.75	/	/	<=30	Pass
		Inner 1RB Right	21.29	/	/	20.59	/	/	<=30	Pass
	3624.99	Edge 1RB Left	21.18	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	21.42	/	/	20.72	/	/	<=30	Pass
		Outer Full	21.36	/	/	20.66	/	/	<=30	Pass
		Inner Full	21.29	/	/	20.59	/	/	<=30	Pass
		Inner 1RB Left	21.15	/	/	20.45	/	/	<=30	Pass
		Inner 1RB Right	21.48	/	/	20.78	/	/	<=30	Pass
	3690	Edge 1RB Left	21.49	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	21.39	/	/	20.69	/	/	<=30	Pass
		Outer Full	21.41	/	/	20.71	/	/	<=30	Pass
		Inner Full	21.48	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	21.48	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	21.38	/	/	20.68	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge 1RB Left	19.33	/	/	18.63	/	/	<=30	Pass
		Edge 1RB Right	19.17	/	/	18.47	/	/	<=30	Pass
		Outer Full	19.22	/	/	18.52	/	/	<=30	Pass
		Inner Full	19.36	/	/	18.66	/	/	<=30	Pass
		Inner 1RB Left	19.25	/	/	18.55	/	/	<=30	Pass
		Inner 1RB Right	19.05	/	/	18.35	/	/	<=30	Pass
	3624.99	Edge 1RB Left	18.99	/	/	18.29	/	/	<=30	Pass
		Edge 1RB Right	19.24	/	/	18.54	/	/	<=30	Pass
		Outer Full	19.16	/	/	18.46	/	/	<=30	Pass
		Inner Full	19.15	/	/	18.45	/	/	<=30	Pass
		Inner 1RB Left	18.88	/	/	18.18	/	/	<=30	Pass
		Inner 1RB Right	19.25	/	/	18.55	/	/	<=30	Pass
	3690	Edge 1RB Left	19.26	/	/	18.56	/	/	<=30	Pass
		Edge 1RB Right	19.29	/	/	18.59	/	/	<=30	Pass
		Outer Full	19.40	/	/	18.70	/	/	<=30	Pass



CP-OFDM QPSK		Inner Full	19.27	/	/	18.57	/	/	<=30	Pass
		Inner 1RB Left	19.27	/	/	18.57	/	/	<=30	Pass
		Inner 1RB Right	19.22	/	/	18.52	/	/	<=30	Pass
	3560.01	Edge 1RB Left	20.87	/	/	20.17	/	/	<=30	Pass
		Edge 1RB Right	20.58	/	/	19.88	/	/	<=30	Pass
		Outer Full	19.30	/	/	18.60	/	/	<=30	Pass
		Inner Full	22.16	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Left	22.26	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Right	22.15	/	/	21.45	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.47	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	20.73	/	/	20.03	/	/	<=30	Pass
		Outer Full	19.33	/	/	18.63	/	/	<=30	Pass
		Inner Full	22.31	/	/	21.61	/	/	<=30	Pass
		Inner 1RB Left	22.10	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Right	22.24	/	/	21.54	/	/	<=30	Pass
	3690	Edge 1RB Left	20.88	/	/	20.18	/	/	<=30	Pass
		Edge 1RB Right	20.80	/	/	20.10	/	/	<=30	Pass
		Outer Full	19.44	/	/	18.74	/	/	<=30	Pass
		Inner Full	22.50	/	/	21.80	/	/	<=30	Pass
		Inner 1RB Left	22.45	/	/	21.75	/	/	<=30	Pass
		Inner 1RB Right	22.35	/	/	21.65	/	/	<=30	Pass
CP-OFDM 16 QAM	3560.01	Edge 1RB Left	21.01	/	/	20.31	/	/	<=30	Pass
		Edge 1RB Right	20.81	/	/	20.11	/	/	<=30	Pass
		Outer Full	19.32	/	/	18.62	/	/	<=30	Pass
		Inner Full	21.87	/	/	21.17	/	/	<=30	Pass
		Inner 1RB Left	21.89	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	21.18	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.75	/	/	20.05	/	/	<=30	Pass
		Edge 1RB Right	20.95	/	/	20.25	/	/	<=30	Pass
		Outer Full	19.29	/	/	18.59	/	/	<=30	Pass
		Inner Full	21.85	/	/	21.15	/	/	<=30	Pass
		Inner 1RB Left	21.68	/	/	20.98	/	/	<=30	Pass
		Inner 1RB Right	21.93	/	/	21.23	/	/	<=30	Pass
	3690	Edge 1RB Left	21.12	/	/	20.42	/	/	<=30	Pass
		Edge 1RB Right	21.04	/	/	20.34	/	/	<=30	Pass
		Outer Full	19.37	/	/	18.67	/	/	<=30	Pass
		Inner Full	21.96	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Left	21.99	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	21.32	/	/	<=30	Pass
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	20.72	/	/	20.02	/	/	<=30	Pass
		Edge 1RB Right	20.36	/	/	19.66	/	/	<=30	Pass
		Outer Full	18.31	/	/	17.61	/	/	<=30	Pass
		Inner Full	20.32	/	/	19.62	/	/	<=30	Pass
		Inner 1RB Left	20.61	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Right	20.43	/	/	19.73	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.30	/	/	19.60	/	/	<=30	Pass
		Edge 1RB Right	20.66	/	/	19.96	/	/	<=30	Pass
		Outer Full	18.29	/	/	17.59	/	/	<=30	Pass
		Inner Full	20.34	/	/	19.64	/	/	<=30	Pass
		Inner 1RB Left	20.24	/	/	19.54	/	/	<=30	Pass
		Inner 1RB Right	20.44	/	/	19.74	/	/	<=30	Pass
	3690	Edge 1RB Left	20.53	/	/	19.83	/	/	<=30	Pass
		Edge 1RB Right	20.54	/	/	19.84	/	/	<=30	Pass



CP-OFDM 256 QAM		Outer Full	18.44	/	/	17.74	/	/	<=30	Pass
		Inner Full	20.40	/	/	19.70	/	/	<=30	Pass
		Inner 1RB Left	20.53	/	/	19.83	/	/	<=30	Pass
		Inner 1RB Right	20.54	/	/	19.84	/	/	<=30	Pass
	3560.01	Edge 1RB Left	18.34	/	/	17.64	/	/	<=30	Pass
		Edge 1RB Right	18.27	/	/	17.57	/	/	<=30	Pass
		Outer Full	18.39	/	/	17.69	/	/	<=30	Pass
		Inner Full	18.20	/	/	17.50	/	/	<=30	Pass
		Inner 1RB Left	18.36	/	/	17.66	/	/	<=30	Pass
		Inner 1RB Right	18.37	/	/	17.67	/	/	<=30	Pass
	3624.99	Edge 1RB Left	18.31	/	/	17.61	/	/	<=30	Pass
		Edge 1RB Right	18.38	/	/	17.68	/	/	<=30	Pass
		Outer Full	18.26	/	/	17.56	/	/	<=30	Pass
		Inner Full	18.27	/	/	17.57	/	/	<=30	Pass
		Inner 1RB Left	18.06	/	/	17.36	/	/	<=30	Pass
		Inner 1RB Right	18.31	/	/	17.61	/	/	<=30	Pass
	3690	Edge 1RB Left	18.28	/	/	17.58	/	/	<=30	Pass
		Edge 1RB Right	18.36	/	/	17.66	/	/	<=30	Pass
		Outer Full	18.39	/	/	17.69	/	/	<=30	Pass
		Inner Full	18.35	/	/	17.65	/	/	<=30	Pass
		Inner 1RB Left	18.37	/	/	17.67	/	/	<=30	Pass
		Inner 1RB Right	18.34	/	/	17.64	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.1.3 30k_SISO_30MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge 1RB Left	23.64	/	/	22.94	/	/	<=30	Pass
		Edge 1RB Right	23.23	/	/	22.53	/	/	<=30	Pass
		Outer Full	23.34	/	/	22.64	/	/	<=30	Pass
		Inner Full	23.82	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Left	23.97	/	/	23.27	/	/	<=30	Pass
		Inner 1RB Right	23.80	/	/	23.10	/	/	<=30	Pass
	3624.99	Edge 1RB Left	23.32	/	/	22.62	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	22.70	/	/	<=30	Pass
		Outer Full	23.30	/	/	22.60	/	/	<=30	Pass
		Inner Full	24.02	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	23.03	/	/	<=30	Pass
		Inner 1RB Right	23.90	/	/	23.20	/	/	<=30	Pass
	3684.99	Edge 1RB Left	23.45	/	/	22.75	/	/	<=30	Pass
		Edge 1RB Right	23.51	/	/	22.81	/	/	<=30	Pass
		Outer Full	23.46	/	/	22.76	/	/	<=30	Pass
		Inner Full	24.02	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	23.91	/	/	23.21	/	/	<=30	Pass
		Inner 1RB Right	24.05	/	/	23.35	/	/	<=30	Pass
DFT-s-OFDM QPSK	3565.02	Edge 1RB Left	23.17	/	/	22.47	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	22.01	/	/	<=30	Pass
		Outer Full	22.86	/	/	22.16	/	/	<=30	Pass
		Inner Full	23.90	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Left	24.04	/	/	23.34	/	/	<=30	Pass



	3624.99	Inner 1RB Right	23.78	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Left	22.74	/	/	22.04	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	22.23	/	/	<=30	Pass
		Outer Full	22.98	/	/	22.28	/	/	<=30	Pass
		Inner Full	23.97	/	/	23.27	/	/	<=30	Pass
		Inner 1RB Left	23.70	/	/	23.00	/	/	<=30	Pass
	3684.99	Inner 1RB Right	23.88	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Left	22.83	/	/	22.13	/	/	<=30	Pass
		Edge 1RB Right	23.00	/	/	22.30	/	/	<=30	Pass
		Outer Full	22.97	/	/	22.27	/	/	<=30	Pass
		Inner Full	24.09	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Left	23.88	/	/	23.18	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3565.02	Inner 1RB Right	24.08	/	/	23.38	/	/	<=30	Pass
		Edge 1RB Left	22.23	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	21.18	/	/	<=30	Pass
		Outer Full	21.88	/	/	21.18	/	/	<=30	Pass
		Inner Full	22.91	/	/	22.21	/	/	<=30	Pass
		Inner 1RB Left	23.10	/	/	22.40	/	/	<=30	Pass
	3624.99	Inner 1RB Right	22.90	/	/	22.20	/	/	<=30	Pass
		Edge 1RB Left	21.93	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.03	/	/	21.33	/	/	<=30	Pass
		Inner Full	22.98	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	22.16	/	/	<=30	Pass
	3684.99	Inner 1RB Right	23.04	/	/	22.34	/	/	<=30	Pass
		Edge 1RB Left	22.03	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	21.35	/	/	<=30	Pass
		Outer Full	21.96	/	/	21.26	/	/	<=30	Pass
		Inner Full	23.07	/	/	22.37	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	22.33	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3565.02	Inner 1RB Right	23.06	/	/	22.36	/	/	<=30	Pass
		Edge 1RB Left	21.64	/	/	20.94	/	/	<=30	Pass
		Edge 1RB Right	21.39	/	/	20.69	/	/	<=30	Pass
		Outer Full	21.49	/	/	20.79	/	/	<=30	Pass
		Inner Full	21.37	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Left	21.53	/	/	20.83	/	/	<=30	Pass
	3624.99	Inner 1RB Right	21.40	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Left	21.40	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	20.77	/	/	<=30	Pass
		Outer Full	21.45	/	/	20.75	/	/	<=30	Pass
		Inner Full	21.35	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	21.25	/	/	20.55	/	/	<=30	Pass
	3684.99	Inner 1RB Right	21.34	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Left	21.45	/	/	20.75	/	/	<=30	Pass
		Edge 1RB Right	21.51	/	/	20.81	/	/	<=30	Pass
		Outer Full	21.60	/	/	20.90	/	/	<=30	Pass
		Inner Full	21.53	/	/	20.83	/	/	<=30	Pass
		Inner 1RB Left	21.44	/	/	20.74	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3565.02	Inner 1RB Right	21.42	/	/	20.72	/	/	<=30	Pass
		Edge 1RB Left	19.54	/	/	18.84	/	/	<=30	Pass
		Edge 1RB Right	19.21	/	/	18.51	/	/	<=30	Pass
		Outer Full	19.34	/	/	18.64	/	/	<=30	Pass
		Inner Full	19.28	/	/	18.58	/	/	<=30	Pass



		Inner 1RB Left	19.48	/	/	18.78	/	/	<=30	Pass
		Inner 1RB Right	19.17	/	/	18.47	/	/	<=30	Pass
	3624.99	Edge 1RB Left	19.27	/	/	18.57	/	/	<=30	Pass
		Edge 1RB Right	19.24	/	/	18.54	/	/	<=30	Pass
		Outer Full	19.37	/	/	18.67	/	/	<=30	Pass
		Inner Full	19.41	/	/	18.71	/	/	<=30	Pass
		Inner 1RB Left	19.10	/	/	18.40	/	/	<=30	Pass
		Inner 1RB Right	19.21	/	/	18.51	/	/	<=30	Pass
	3684.99	Edge 1RB Left	19.27	/	/	18.57	/	/	<=30	Pass
		Edge 1RB Right	19.36	/	/	18.66	/	/	<=30	Pass
		Outer Full	19.50	/	/	18.80	/	/	<=30	Pass
		Inner Full	19.59	/	/	18.89	/	/	<=30	Pass
		Inner 1RB Left	19.22	/	/	18.52	/	/	<=30	Pass
		Inner 1RB Right	19.44	/	/	18.74	/	/	<=30	Pass
CP-OFDM QPSK	3565.02	Edge 1RB Left	21.07	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	20.06	/	/	<=30	Pass
		Outer Full	19.44	/	/	18.74	/	/	<=30	Pass
		Inner Full	22.29	/	/	21.59	/	/	<=30	Pass
		Inner 1RB Left	22.59	/	/	21.89	/	/	<=30	Pass
		Inner 1RB Right	22.25	/	/	21.55	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.88	/	/	20.18	/	/	<=30	Pass
		Edge 1RB Right	20.72	/	/	20.02	/	/	<=30	Pass
		Outer Full	19.46	/	/	18.76	/	/	<=30	Pass
		Inner Full	22.43	/	/	21.73	/	/	<=30	Pass
		Inner 1RB Left	22.25	/	/	21.55	/	/	<=30	Pass
		Inner 1RB Right	22.42	/	/	21.72	/	/	<=30	Pass
	3684.99	Edge 1RB Left	20.87	/	/	20.17	/	/	<=30	Pass
		Edge 1RB Right	20.84	/	/	20.14	/	/	<=30	Pass
		Outer Full	19.43	/	/	18.73	/	/	<=30	Pass
		Inner Full	22.57	/	/	21.87	/	/	<=30	Pass
		Inner 1RB Left	22.29	/	/	21.59	/	/	<=30	Pass
		Inner 1RB Right	22.48	/	/	21.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3565.02	Edge 1RB Left	21.22	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	20.27	/	/	<=30	Pass
		Outer Full	19.36	/	/	18.66	/	/	<=30	Pass
		Inner Full	21.81	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Left	22.10	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Right	21.83	/	/	21.13	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.98	/	/	20.28	/	/	<=30	Pass
		Edge 1RB Right	21.00	/	/	20.30	/	/	<=30	Pass
		Outer Full	19.49	/	/	18.79	/	/	<=30	Pass
		Inner Full	22.01	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Left	21.80	/	/	21.10	/	/	<=30	Pass
		Inner 1RB Right	21.96	/	/	21.26	/	/	<=30	Pass
	3684.99	Edge 1RB Left	20.94	/	/	20.24	/	/	<=30	Pass
		Edge 1RB Right	21.11	/	/	20.41	/	/	<=30	Pass
		Outer Full	19.55	/	/	18.85	/	/	<=30	Pass
		Inner Full	22.08	/	/	21.38	/	/	<=30	Pass
		Inner 1RB Left	22.00	/	/	21.30	/	/	<=30	Pass
		Inner 1RB Right	21.98	/	/	21.28	/	/	<=30	Pass
CP-OFDM 64 QAM	3565.02	Edge 1RB Left	20.81	/	/	20.11	/	/	<=30	Pass
		Edge 1RB Right	20.56	/	/	19.86	/	/	<=30	Pass
		Outer Full	18.36	/	/	17.66	/	/	<=30	Pass



CP-OFDM 256 QAM		Inner Full	20.32	/	/	19.62	/	/	<=30	Pass
		Inner 1RB Left	20.82	/	/	20.12	/	/	<=30	Pass
		Inner 1RB Right	20.52	/	/	19.82	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.42	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	20.50	/	/	19.80	/	/	<=30	Pass
		Outer Full	18.44	/	/	17.74	/	/	<=30	Pass
		Inner Full	20.38	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Left	20.32	/	/	19.62	/	/	<=30	Pass
		Inner 1RB Right	20.53	/	/	19.83	/	/	<=30	Pass
	3684.99	Edge 1RB Left	20.52	/	/	19.82	/	/	<=30	Pass
		Edge 1RB Right	20.61	/	/	19.91	/	/	<=30	Pass
		Outer Full	18.50	/	/	17.80	/	/	<=30	Pass
		Inner Full	20.55	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Left	20.51	/	/	19.81	/	/	<=30	Pass
		Inner 1RB Right	20.59	/	/	19.89	/	/	<=30	Pass
	3565.02	Edge 1RB Left	18.57	/	/	17.87	/	/	<=30	Pass
		Edge 1RB Right	18.26	/	/	17.56	/	/	<=30	Pass
		Outer Full	18.35	/	/	17.65	/	/	<=30	Pass
		Inner Full	18.36	/	/	17.66	/	/	<=30	Pass
		Inner 1RB Left	18.54	/	/	17.84	/	/	<=30	Pass
		Inner 1RB Right	18.33	/	/	17.63	/	/	<=30	Pass
	3624.99	Edge 1RB Left	18.20	/	/	17.50	/	/	<=30	Pass
		Edge 1RB Right	18.37	/	/	17.67	/	/	<=30	Pass
		Outer Full	18.49	/	/	17.79	/	/	<=30	Pass
		Inner Full	18.46	/	/	17.76	/	/	<=30	Pass
		Inner 1RB Left	18.08	/	/	17.38	/	/	<=30	Pass
		Inner 1RB Right	18.42	/	/	17.72	/	/	<=30	Pass
	3684.99	Edge 1RB Left	18.24	/	/	17.54	/	/	<=30	Pass
		Edge 1RB Right	18.39	/	/	17.69	/	/	<=30	Pass
		Outer Full	18.57	/	/	17.87	/	/	<=30	Pass
		Inner Full	18.49	/	/	17.79	/	/	<=30	Pass
		Inner 1RB Left	18.26	/	/	17.56	/	/	<=30	Pass
		Inner 1RB Right	18.36	/	/	17.66	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.1.4 30k_SISO_40MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge 1RB Left	23.56	/	/	22.86	/	/	<=30	Pass
		Edge 1RB Right	23.48	/	/	22.78	/	/	<=30	Pass
		Outer Full	23.43	/	/	22.73	/	/	<=30	Pass
		Inner Full	23.99	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	24.07	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Right	24.01	/	/	23.31	/	/	<=30	Pass
	3624.99	Edge 1RB Left	23.43	/	/	22.73	/	/	<=30	Pass
		Edge 1RB Right	23.56	/	/	22.86	/	/	<=30	Pass
		Outer Full	23.28	/	/	22.58	/	/	<=30	Pass
		Inner Full	23.87	/	/	23.17	/	/	<=30	Pass
		Inner 1RB Left	23.76	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Right	24.04	/	/	23.34	/	/	<=30	Pass



	3679.98	Edge 1RB Left	23.39	/	/	22.69	/	/	<=30	Pass
		Edge 1RB Right	23.57	/	/	22.87	/	/	<=30	Pass
		Outer Full	23.49	/	/	22.79	/	/	<=30	Pass
		Inner Full	24.02	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	23.79	/	/	23.09	/	/	<=30	Pass
		Inner 1RB Right	24.02	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM QPSK	3570	Edge 1RB Left	23.19	/	/	22.49	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	22.33	/	/	<=30	Pass
		Outer Full	22.92	/	/	22.22	/	/	<=30	Pass
		Inner Full	23.91	/	/	23.21	/	/	<=30	Pass
		Inner 1RB Left	23.97	/	/	23.27	/	/	<=30	Pass
		Inner 1RB Right	23.93	/	/	23.23	/	/	<=30	Pass
	3624.99	Edge 1RB Left	23.01	/	/	22.31	/	/	<=30	Pass
		Edge 1RB Right	23.06	/	/	22.36	/	/	<=30	Pass
		Outer Full	22.80	/	/	22.10	/	/	<=30	Pass
		Inner Full	23.99	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	23.77	/	/	23.07	/	/	<=30	Pass
		Inner 1RB Right	23.98	/	/	23.28	/	/	<=30	Pass
	3679.98	Edge 1RB Left	22.95	/	/	22.25	/	/	<=30	Pass
		Edge 1RB Right	23.13	/	/	22.43	/	/	<=30	Pass
		Outer Full	22.91	/	/	22.21	/	/	<=30	Pass
		Inner Full	24.04	/	/	23.34	/	/	<=30	Pass
		Inner 1RB Left	23.83	/	/	23.13	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	23.29	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3570	Edge 1RB Left	22.23	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	21.41	/	/	<=30	Pass
		Outer Full	21.95	/	/	21.25	/	/	<=30	Pass
		Inner Full	22.91	/	/	22.21	/	/	<=30	Pass
		Inner 1RB Left	23.06	/	/	22.36	/	/	<=30	Pass
		Inner 1RB Right	23.03	/	/	22.33	/	/	<=30	Pass
	3624.99	Edge 1RB Left	22.03	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	21.48	/	/	<=30	Pass
		Outer Full	21.95	/	/	21.25	/	/	<=30	Pass
		Inner Full	22.89	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Right	23.20	/	/	22.50	/	/	<=30	Pass
	3679.98	Edge 1RB Left	21.90	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	21.39	/	/	<=30	Pass
		Outer Full	21.98	/	/	21.28	/	/	<=30	Pass
		Inner Full	22.84	/	/	22.14	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	22.46	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3570	Edge 1RB Left	21.70	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	21.43	/	/	20.73	/	/	<=30	Pass
		Outer Full	21.48	/	/	20.78	/	/	<=30	Pass
		Inner Full	21.46	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Left	21.44	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	21.37	/	/	20.67	/	/	<=30	Pass
	3624.99	Edge 1RB Left	21.52	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	20.77	/	/	<=30	Pass
		Outer Full	21.46	/	/	20.76	/	/	<=30	Pass
		Inner Full	21.37	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Left	21.37	/	/	20.67	/	/	<=30	Pass



	3679.98	Inner 1RB Right	21.60	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Left	21.31	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	20.80	/	/	<=30	Pass
		Outer Full	21.46	/	/	20.76	/	/	<=30	Pass
		Inner Full	21.49	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Left	21.32	/	/	20.62	/	/	<=30	Pass
		Inner 1RB Right	21.51	/	/	20.81	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3570	Edge 1RB Left	19.41	/	/	18.71	/	/	<=30	Pass
		Edge 1RB Right	19.35	/	/	18.65	/	/	<=30	Pass
		Outer Full	19.46	/	/	18.76	/	/	<=30	Pass
		Inner Full	19.50	/	/	18.80	/	/	<=30	Pass
		Inner 1RB Left	19.31	/	/	18.61	/	/	<=30	Pass
		Inner 1RB Right	19.32	/	/	18.62	/	/	<=30	Pass
	3624.99	Edge 1RB Left	19.37	/	/	18.67	/	/	<=30	Pass
		Edge 1RB Right	19.40	/	/	18.70	/	/	<=30	Pass
		Outer Full	19.34	/	/	18.64	/	/	<=30	Pass
		Inner Full	19.33	/	/	18.63	/	/	<=30	Pass
		Inner 1RB Left	19.14	/	/	18.44	/	/	<=30	Pass
		Inner 1RB Right	19.43	/	/	18.73	/	/	<=30	Pass
	3679.98	Edge 1RB Left	19.20	/	/	18.50	/	/	<=30	Pass
		Edge 1RB Right	19.35	/	/	18.65	/	/	<=30	Pass
		Outer Full	19.44	/	/	18.74	/	/	<=30	Pass
		Inner Full	19.50	/	/	18.80	/	/	<=30	Pass
		Inner 1RB Left	19.17	/	/	18.47	/	/	<=30	Pass
		Inner 1RB Right	19.26	/	/	18.56	/	/	<=30	Pass
CP-OFDM QPSK	3570	Edge 1RB Left	21.15	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Right	21.07	/	/	20.37	/	/	<=30	Pass
		Outer Full	19.41	/	/	18.71	/	/	<=30	Pass
		Inner Full	22.40	/	/	21.70	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	21.87	/	/	<=30	Pass
		Inner 1RB Right	22.43	/	/	21.73	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.88	/	/	20.18	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	20.27	/	/	<=30	Pass
		Outer Full	19.42	/	/	18.72	/	/	<=30	Pass
		Inner Full	22.41	/	/	21.71	/	/	<=30	Pass
		Inner 1RB Left	22.30	/	/	21.60	/	/	<=30	Pass
		Inner 1RB Right	22.50	/	/	21.80	/	/	<=30	Pass
	3679.98	Edge 1RB Left	20.91	/	/	20.21	/	/	<=30	Pass
		Edge 1RB Right	20.96	/	/	20.26	/	/	<=30	Pass
		Outer Full	19.43	/	/	18.73	/	/	<=30	Pass
		Inner Full	22.47	/	/	21.77	/	/	<=30	Pass
		Inner 1RB Left	22.30	/	/	21.60	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	21.81	/	/	<=30	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	21.26	/	/	20.56	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	20.46	/	/	<=30	Pass
		Outer Full	19.43	/	/	18.73	/	/	<=30	Pass
		Inner Full	21.83	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	22.01	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	21.18	/	/	<=30	Pass
	3624.99	Edge 1RB Left	21.07	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	20.46	/	/	<=30	Pass
		Outer Full	19.37	/	/	18.67	/	/	<=30	Pass
		Inner Full	21.91	/	/	21.21	/	/	<=30	Pass



		Inner 1RB Left	21.99	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	22.14	/	/	21.44	/	/	<=30	Pass
	3679.98	Edge 1RB Left	21.10	/	/	20.40	/	/	<=30	Pass
		Edge 1RB Right	21.19	/	/	20.49	/	/	<=30	Pass
		Outer Full	19.52	/	/	18.82	/	/	<=30	Pass
		Inner Full	21.99	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Left	21.92	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	22.04	/	/	21.34	/	/	<=30	Pass
CP-OFDM 64 QAM	3570	Edge 1RB Left	20.68	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Right	20.52	/	/	19.82	/	/	<=30	Pass
		Outer Full	18.29	/	/	17.59	/	/	<=30	Pass
		Inner Full	20.42	/	/	19.72	/	/	<=30	Pass
		Inner 1RB Left	20.49	/	/	19.79	/	/	<=30	Pass
		Inner 1RB Right	20.47	/	/	19.77	/	/	<=30	Pass
	3624.99	Edge 1RB Left	20.55	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	20.73	/	/	20.03	/	/	<=30	Pass
		Outer Full	18.29	/	/	17.59	/	/	<=30	Pass
		Inner Full	20.38	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Left	20.51	/	/	19.81	/	/	<=30	Pass
		Inner 1RB Right	20.77	/	/	20.07	/	/	<=30	Pass
	3679.98	Edge 1RB Left	20.60	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	20.66	/	/	19.96	/	/	<=30	Pass
		Outer Full	18.46	/	/	17.76	/	/	<=30	Pass
		Inner Full	20.56	/	/	19.86	/	/	<=30	Pass
		Inner 1RB Left	20.47	/	/	19.77	/	/	<=30	Pass
		Inner 1RB Right	20.58	/	/	19.88	/	/	<=30	Pass
CP-OFDM 256 QAM	3570	Edge 1RB Left	18.58	/	/	17.88	/	/	<=30	Pass
		Edge 1RB Right	18.47	/	/	17.77	/	/	<=30	Pass
		Outer Full	18.30	/	/	17.60	/	/	<=30	Pass
		Inner Full	18.33	/	/	17.63	/	/	<=30	Pass
		Inner 1RB Left	18.43	/	/	17.73	/	/	<=30	Pass
		Inner 1RB Right	18.37	/	/	17.67	/	/	<=30	Pass
	3624.99	Edge 1RB Left	18.21	/	/	17.51	/	/	<=30	Pass
		Edge 1RB Right	18.46	/	/	17.76	/	/	<=30	Pass
		Outer Full	18.31	/	/	17.61	/	/	<=30	Pass
		Inner Full	18.33	/	/	17.63	/	/	<=30	Pass
		Inner 1RB Left	18.30	/	/	17.60	/	/	<=30	Pass
		Inner 1RB Right	18.42	/	/	17.72	/	/	<=30	Pass
	3679.98	Edge 1RB Left	18.35	/	/	17.65	/	/	<=30	Pass
		Edge 1RB Right	18.54	/	/	17.84	/	/	<=30	Pass
		Outer Full	18.46	/	/	17.76	/	/	<=30	Pass
		Inner Full	18.47	/	/	17.77	/	/	<=30	Pass
		Inner 1RB Left	18.21	/	/	17.51	/	/	<=30	Pass
		Inner 1RB Right	18.37	/	/	17.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.70dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

3. Frequency Stability

3.1 Test Result

3.1.1 30k_SISO_10MHz

5G NR n48 SCS=30kHz SISO 10MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict



	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	9.30	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-1.70	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	2.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.90	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.90	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	10.30	0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-15.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-13.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.20	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.60	0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-18.30	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.30	0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.50	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	13.60	0.0038	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-17.90	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-15.20	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass



			30	NV	7.90	0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-12.50	-0.0034	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	8.50	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	12.70	0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-13.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				HV	12.90	0.0036	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.70	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.10	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.90	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.20	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.80	0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.10	0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	14.80	0.0041	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.30	0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.10	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			50	NV	9.10	0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-21.80	-0.0060	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-15.60	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			30	NV	12.50	0.0034	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass

3.1.2 30k_SISO_20MHz

5G NR n48 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	



DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-40.30	-0.0111	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.90	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-19.80	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.00	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-16.40	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-18.80	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-7.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-19.80	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-14.80	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.50	0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.70	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-18.30	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-14.20	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.20	-0.0034	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-13.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-19.30	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-12.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.80	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-15.10	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.10	-0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-15.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.20	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-14.10	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-21.60	-0.0060	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-20.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-14.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-11.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-23.20	-0.0064	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.20	-0.0039	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-9.10	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.70	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-21.40	-0.0059	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.80	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-17.10	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.70	-0.0035	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	30	NV	-12.90	-0.0036	≥ -2.5 & ≤ 2.5	Pass



CP-OFDM QPSK	3624.99	Outer_Full	40	NV	-13.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-10.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.20	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-18.40	-0.0051	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-12.90	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.50	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	30	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.00	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-9.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-17.20	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-21.50	-0.0059	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-13.90	-0.0038	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	NV	-14.40	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.10	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.90	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.70	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-10.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-20.10	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-12.10	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-13.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-11.20	-0.0031	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	10	NV	-14.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-18.10	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-18.00	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.10	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-20.60	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-15.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
		Outer_Full	0	NV	-16.20	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.70	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.80	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.60	-0.0040	≥ -2.5 & ≤ 2.5	Pass

3.1.3 30k_SISO_30MHz

5G NR n48 SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2	3624.99	Outer_Full	20	LV	-17.50	-0.0048	≥ -2.5 & ≤ 2.5	Pass



BPSK				HV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-20.60	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.60	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-24.70	-0.0068	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.70	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-15.20	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-14.20	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-17.90	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-14.60	-0.0040	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.40	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-20.90	-0.0058	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.00	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-19.90	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-9.50	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-20.60	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-20.40	-0.0056	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.80	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.90	0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-23.30	-0.0064	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-13.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-14.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-22.40	-0.0062	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-16.30	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-17.70	-0.0049	≥ -2.5 & ≤ 2.5	Pass



			50	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-16.80	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.80	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-17.10	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-15.90	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-14.20	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-12.20	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-26.00	-0.0072	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-13.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.50	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-17.80	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.00	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-15.90	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	7.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-16.20	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-13.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-18.90	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.30	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-23.60	-0.0065	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-16.80	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.90	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-20.50	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-10.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass

3.1.4 30k_SISO_40MHz

5G NR n48 SCS=30kHz SISO 40MHz

Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-14.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				HV	8.20	0.0023	≥ -2.5 & ≤ 2.5	Pass



			-30	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-12.50	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.30	0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.20	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.10	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-15.60	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.30	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-20.20	-0.0056	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.70	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-12.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.10	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.80	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-10.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				HV	11.00	0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.60	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-14.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.00	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.00	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.00	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-12.40	-0.0034	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	10.10	0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	-15.70	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-16.90	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-15.80	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.90	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.90	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.10	-0.0039	≥ -2.5 & ≤ 2.5	Pass



CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-5.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.00	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-16.20	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-19.70	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-16.80	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				HV	-14.40	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-16.10	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.90	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.60	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-13.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-15.30	-0.0042	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-5.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-18.90	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.00	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.00	0.0003	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-20.00	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	2.30	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.40	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-14.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-13.90	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.10	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-17.30	-0.0048	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 30k_SISO_10MHz_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2	3555	Outer_Full	8.66	9.97	/	Pass



BPSK	3624.99	Outer Full	8.63	9.90	/	Pass
	3694.98	Outer Full	8.65	10.06	/	Pass
DFT-s-OFDM QPSK	3555	Outer Full	8.65	9.97	/	Pass
	3624.99	Outer Full	8.65	10.01	/	Pass
	3694.98	Outer Full	8.68	10.04	/	Pass
DFT-s-OFDM 16 QAM	3555	Outer Full	8.64	10.02	/	Pass
	3624.99	Outer Full	8.65	9.80	/	Pass
	3694.98	Outer Full	8.66	10.05	/	Pass
DFT-s-OFDM 64 QAM	3555	Outer Full	8.63	10.00	/	Pass
	3624.99	Outer Full	8.65	9.96	/	Pass
	3694.98	Outer Full	8.61	10.11	/	Pass
DFT-s-OFDM 256 QAM	3555	Outer Full	8.63	9.83	/	Pass
	3624.99	Outer Full	8.61	9.85	/	Pass
	3694.98	Outer Full	8.64	10.01	/	Pass
CP-OFDM QPSK	3555	Outer Full	8.61	10.06	/	Pass
	3624.99	Outer Full	8.66	10.18	/	Pass
	3694.98	Outer Full	8.65	10.16	/	Pass
CP-OFDM 16 QAM	3555	Outer Full	8.67	10.35	/	Pass
	3624.99	Outer Full	8.66	10.00	/	Pass
	3694.98	Outer Full	8.64	9.95	/	Pass
CP-OFDM 64 QAM	3555	Outer Full	8.67	10.07	/	Pass
	3624.99	Outer Full	8.68	9.86	/	Pass
	3694.98	Outer Full	8.64	9.94	/	Pass
CP-OFDM 256 QAM	3555	Outer Full	8.67	9.92	/	Pass
	3624.99	Outer Full	8.61	9.76	/	Pass
	3694.98	Outer Full	8.61	10.03	/	Pass

4.1.2 30k_SISO_20MHz_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer Full	18.03	19.71	/	Pass
	3624.99	Outer Full	18.04	19.50	/	Pass
	3690	Outer Full	18.03	19.83	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer Full	18.04	19.55	/	Pass
	3624.99	Outer Full	18.06	19.57	/	Pass
	3690	Outer Full	18.10	19.96	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer Full	18.10	20.00	/	Pass
	3624.99	Outer Full	18.10	19.85	/	Pass
	3690	Outer Full	18.07	19.88	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer Full	18.14	19.64	/	Pass
	3624.99	Outer Full	18.05	19.74	/	Pass
	3690	Outer Full	18.12	20.12	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer Full	18.03	19.51	/	Pass
	3624.99	Outer Full	18.00	19.62	/	Pass
	3690	Outer Full	18.02	19.54	/	Pass
CP-OFDM QPSK	3560.01	Outer Full	18.31	19.99	/	Pass
	3624.99	Outer Full	18.38	20.15	/	Pass
	3690	Outer Full	18.42	20.12	/	Pass
CP-OFDM 16 QAM	3560.01	Outer Full	18.36	20.18	/	Pass
	3624.99	Outer Full	18.39	19.90	/	Pass
	3690	Outer Full	18.45	20.50	/	Pass



CP-OFDM 64 QAM	3560.01	Outer Full	18.27	19.95	/	Pass
	3624.99	Outer Full	18.33	20.30	/	Pass
	3690	Outer Full	18.29	20.14	/	Pass
CP-OFDM 256 QAM	3560.01	Outer Full	18.32	20.02	/	Pass
	3624.99	Outer Full	18.36	19.98	/	Pass
	3690	Outer Full	18.38	20.04	/	Pass

4.1.3 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3565.02	Outer Full	27.16	29.64	/	Pass
	3624.99	Outer Full	27.21	29.45	/	Pass
	3684.99	Outer Full	27.25	29.88	/	Pass
DFT-s-OFDM QPSK	3565.02	Outer Full	27.20	29.71	/	Pass
	3624.99	Outer Full	27.26	29.66	/	Pass
	3684.99	Outer Full	27.27	29.73	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer Full	27.23	29.74	/	Pass
	3624.99	Outer Full	27.29	29.83	/	Pass
	3684.99	Outer Full	27.27	29.67	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer Full	27.18	29.68	/	Pass
	3624.99	Outer Full	27.18	29.68	/	Pass
	3684.99	Outer Full	27.21	29.79	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer Full	27.23	29.87	/	Pass
	3624.99	Outer Full	27.29	29.56	/	Pass
	3684.99	Outer Full	27.39	29.70	/	Pass
CP-OFDM QPSK	3565.02	Outer Full	28.14	30.74	/	Pass
	3624.99	Outer Full	28.17	30.83	/	Pass
	3684.99	Outer Full	28.16	30.60	/	Pass
CP-OFDM 16 QAM	3565.02	Outer Full	28.25	30.88	/	Pass
	3624.99	Outer Full	28.27	30.78	/	Pass
	3684.99	Outer Full	28.23	30.66	/	Pass
CP-OFDM 64 QAM	3565.02	Outer Full	28.22	31.71	/	Pass
	3624.99	Outer Full	28.19	30.64	/	Pass
	3684.99	Outer Full	28.47	30.57	/	Pass
CP-OFDM 256 QAM	3565.02	Outer Full	28.22	30.77	/	Pass
	3624.99	Outer Full	28.22	30.60	/	Pass
	3684.99	Outer Full	28.22	30.58	/	Pass

4.1.4 30k_SISO_40MHz_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3570	Outer Full	36.00	38.74	/	Pass
	3624.99	Outer Full	35.96	38.65	/	Pass
	3679.98	Outer Full	36.01	38.54	/	Pass
DFT-s-OFDM QPSK	3570	Outer Full	35.89	38.36	/	Pass
	3624.99	Outer Full	36.01	38.89	/	Pass
	3679.98	Outer Full	36.10	38.73	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer Full	35.90	38.62	/	Pass
	3624.99	Outer Full	35.88	38.67	/	Pass



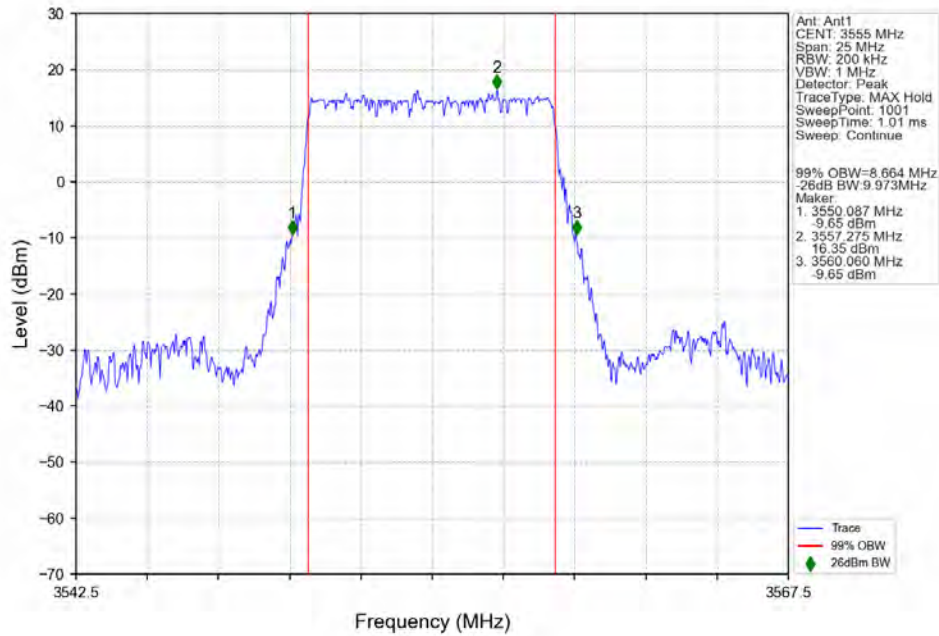
	3679.98	Outer Full	35.93	38.44	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer Full	36.10	38.59	/	Pass
	3624.99	Outer Full	36.09	38.69	/	Pass
	3679.98	Outer Full	36.05	38.81	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer Full	35.90	38.84	/	Pass
	3624.99	Outer Full	35.98	38.58	/	Pass
	3679.98	Outer Full	35.94	38.77	/	Pass
CP-OFDM QPSK	3570	Outer Full	38.12	40.73	/	Pass
	3624.99	Outer Full	38.10	40.84	/	Pass
	3679.98	Outer Full	38.08	40.79	/	Pass
CP-OFDM 16 QAM	3570	Outer Full	38.20	40.60	/	Pass
	3624.99	Outer Full	38.18	40.72	/	Pass
	3679.98	Outer Full	38.32	41.15	/	Pass
CP-OFDM 64 QAM	3570	Outer Full	38.01	40.77	/	Pass
	3624.99	Outer Full	38.09	40.62	/	Pass
	3679.98	Outer Full	37.99	40.87	/	Pass
CP-OFDM 256 QAM	3570	Outer Full	38.03	40.97	/	Pass
	3624.99	Outer Full	38.08	40.68	/	Pass
	3679.98	Outer Full	38.11	40.93	/	Pass



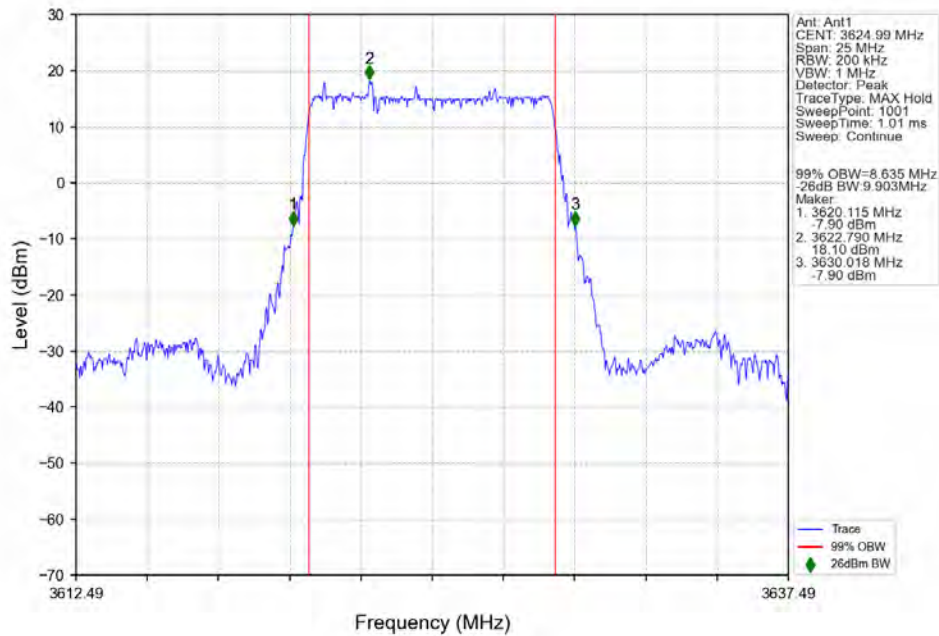
4.2 Test Graph

4.2.1 30k_SISO_10MHz_NTNV

n48 30kHz SISO NTNv 10MHz DFT-s-OFDM PI/2 BPSK 3555MHz Outer Full Ant1

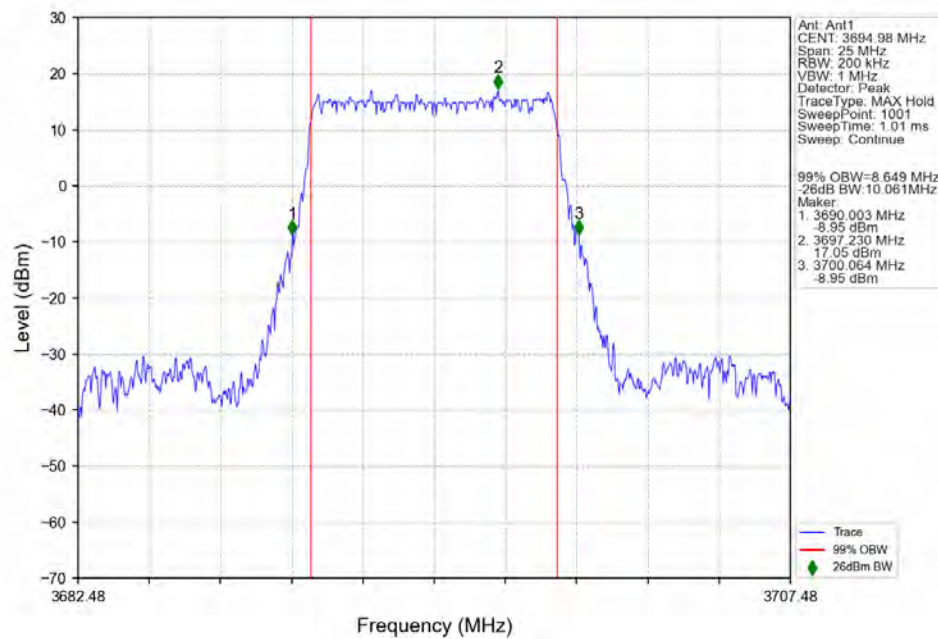


n48 30kHz SISO NTNv 10MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

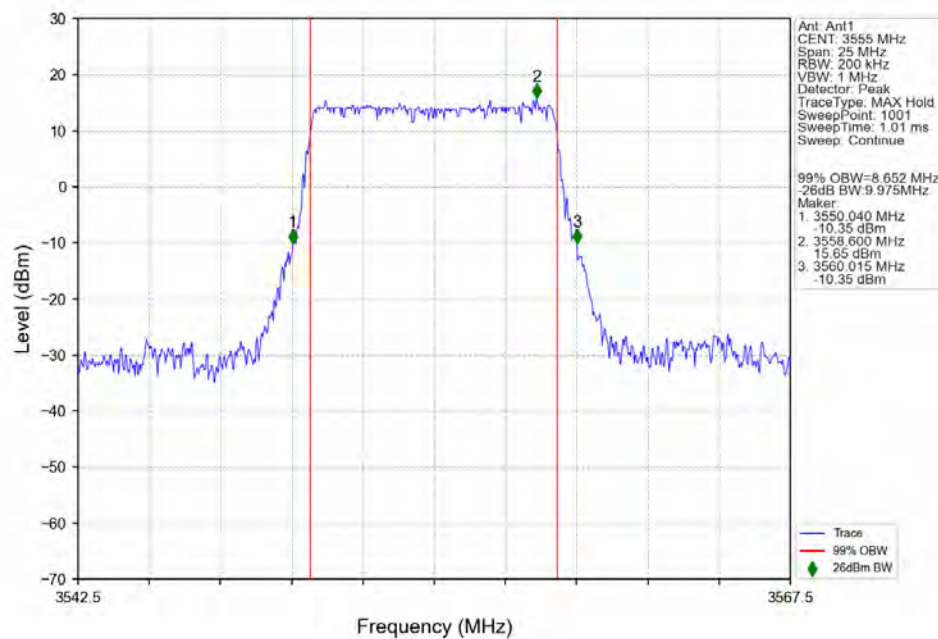




n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3694.98MHz_Outer_Full_Ant1

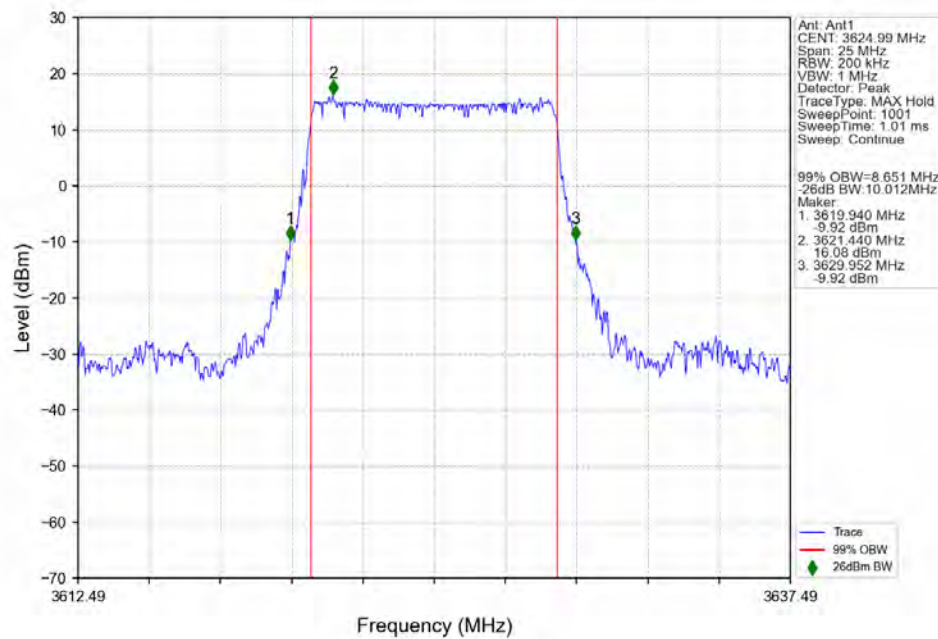


n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3555MHz_Outer_Full_Ant1

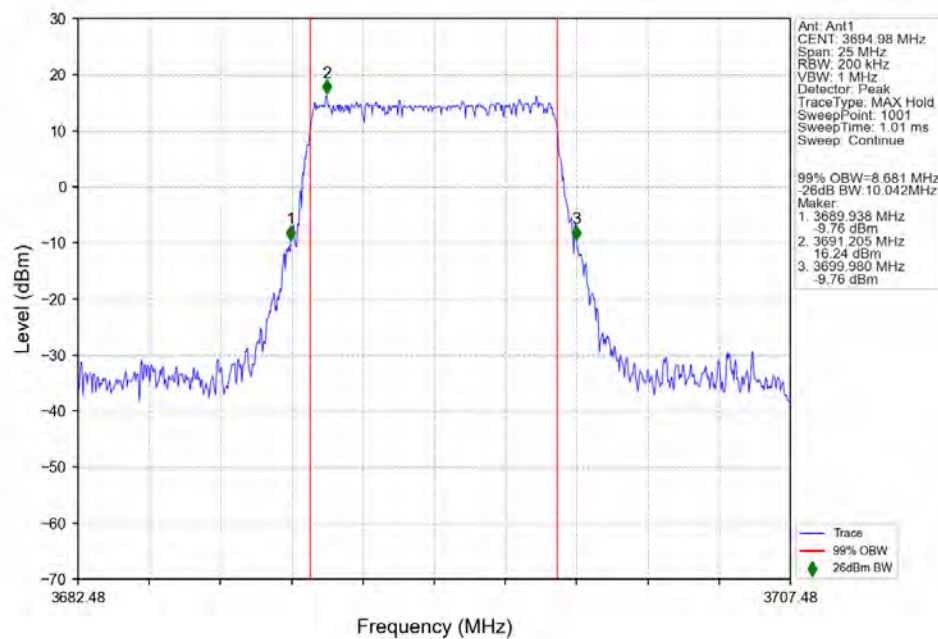




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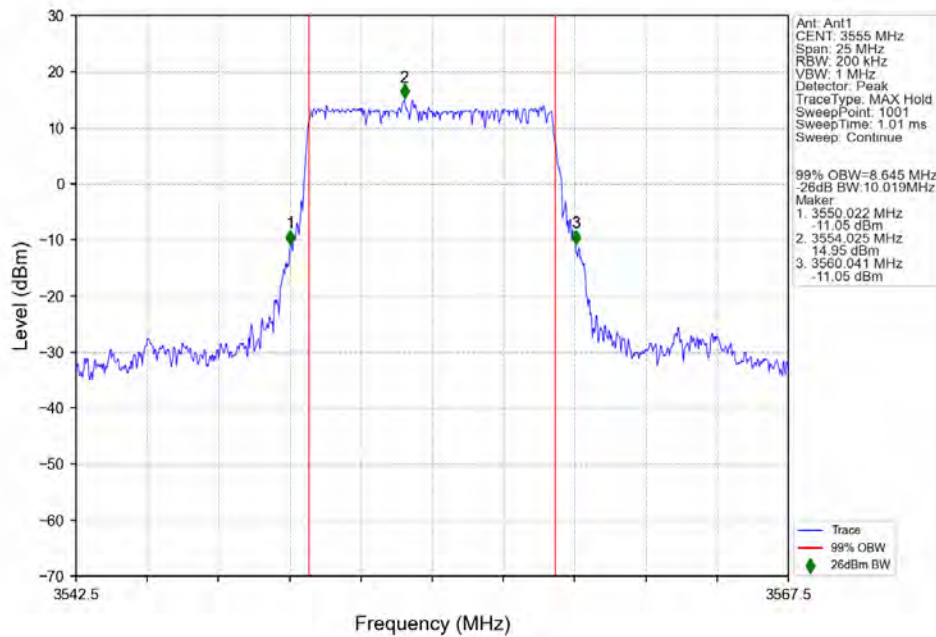


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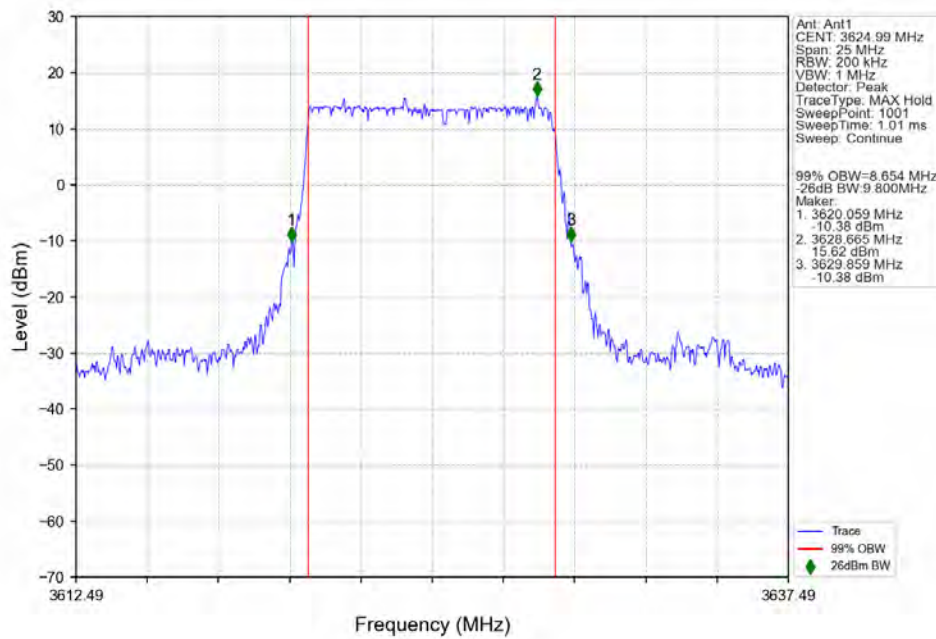




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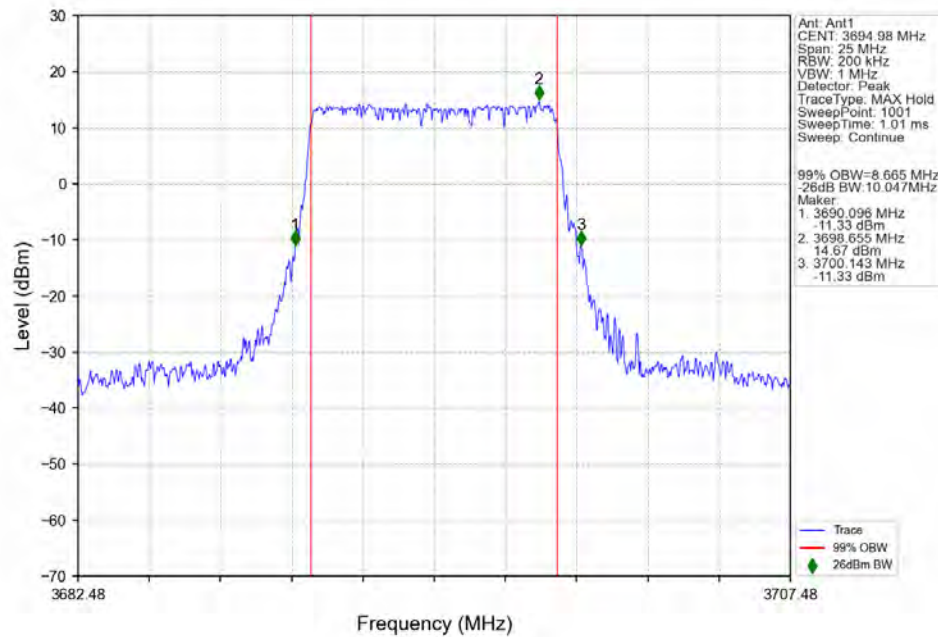


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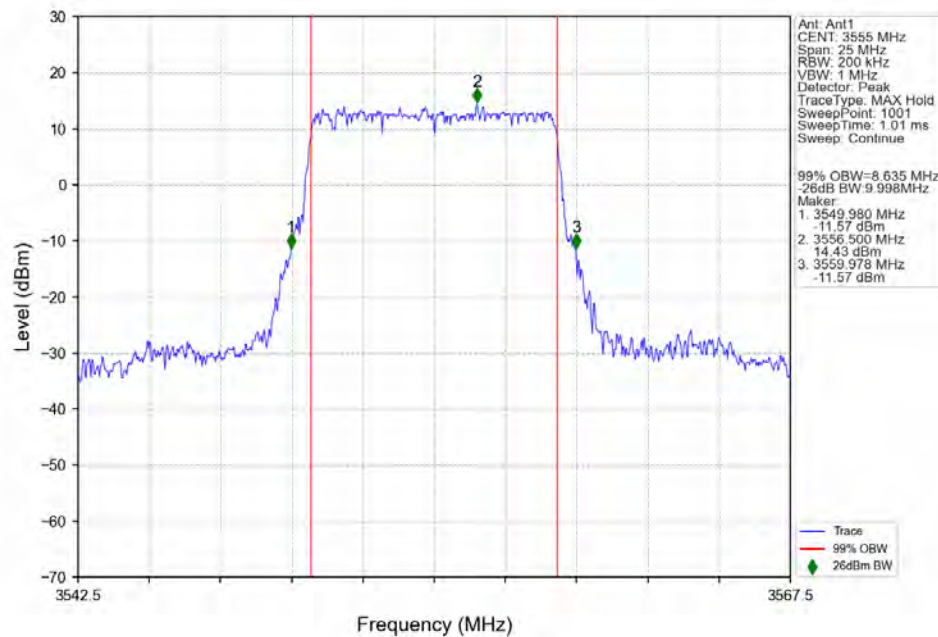




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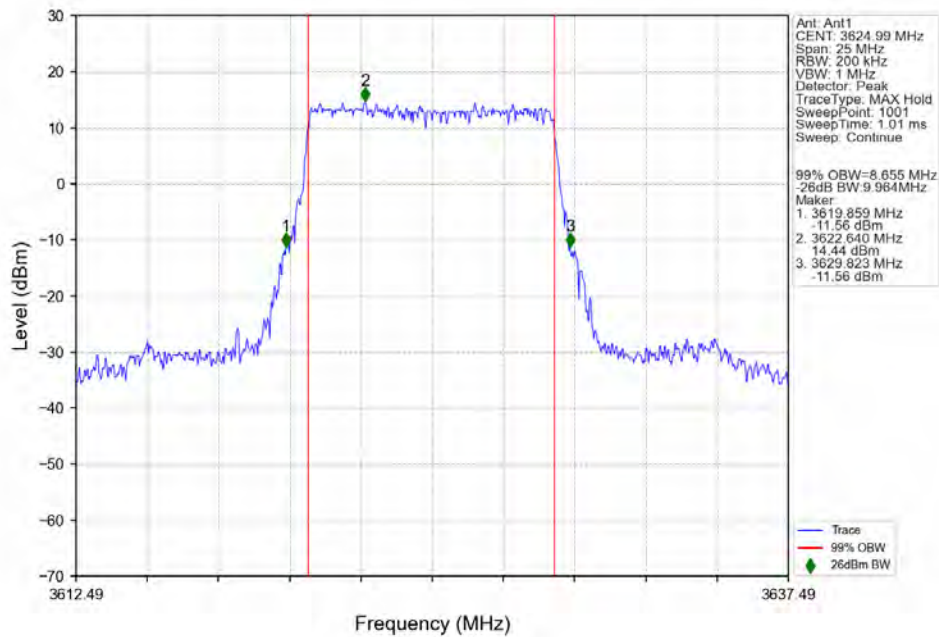


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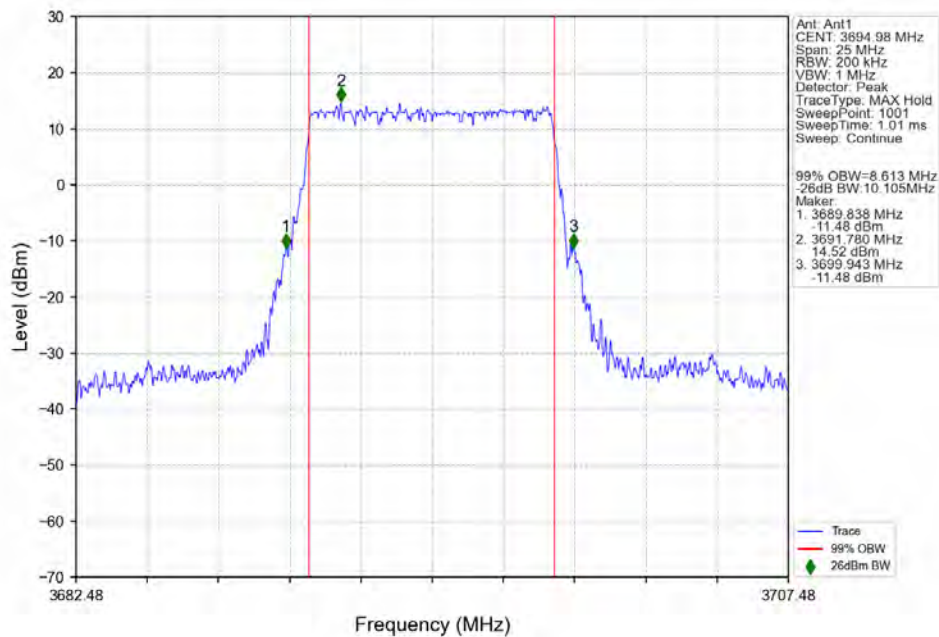




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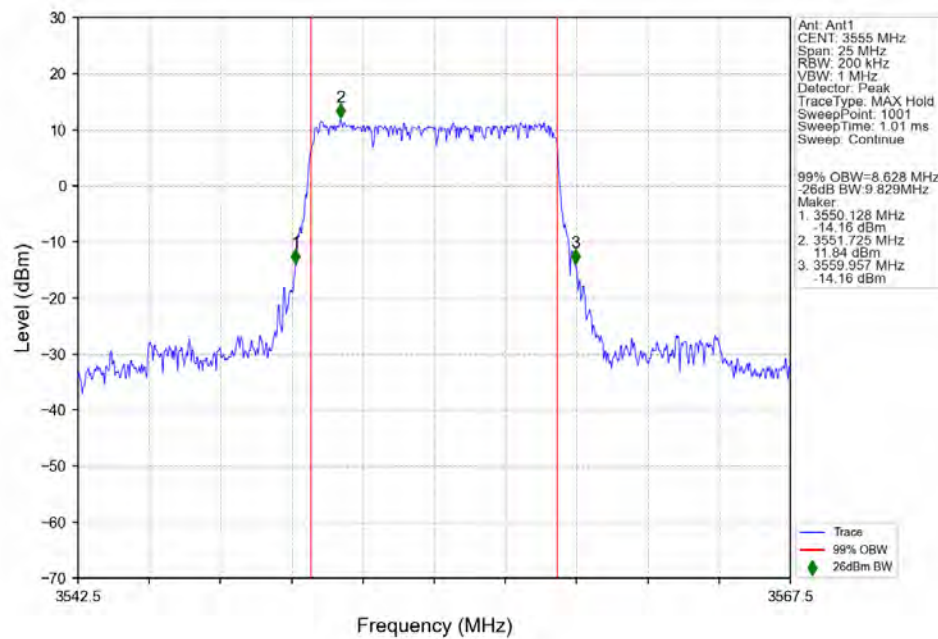


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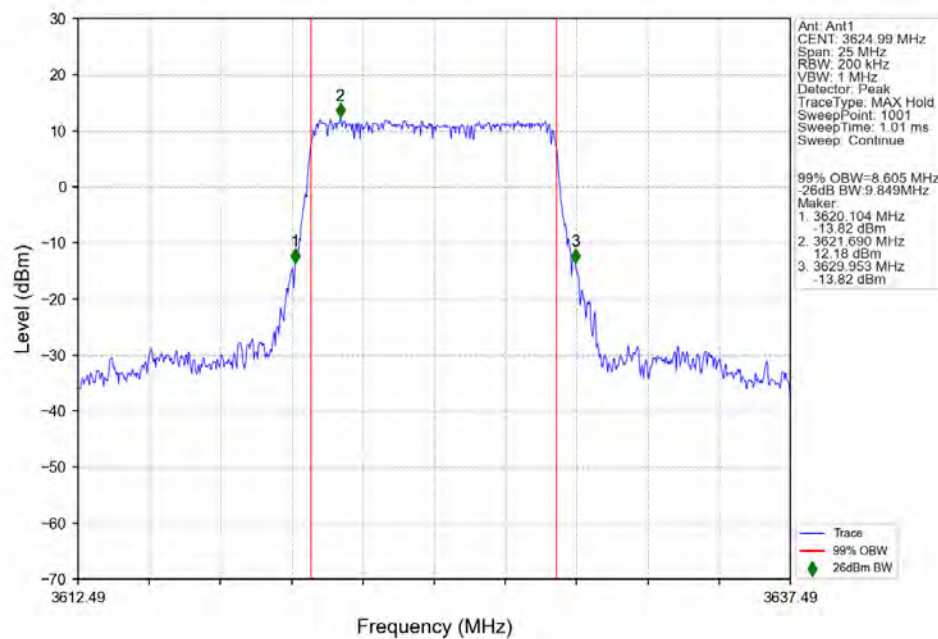




n48 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3555MHz Outer Full Ant1

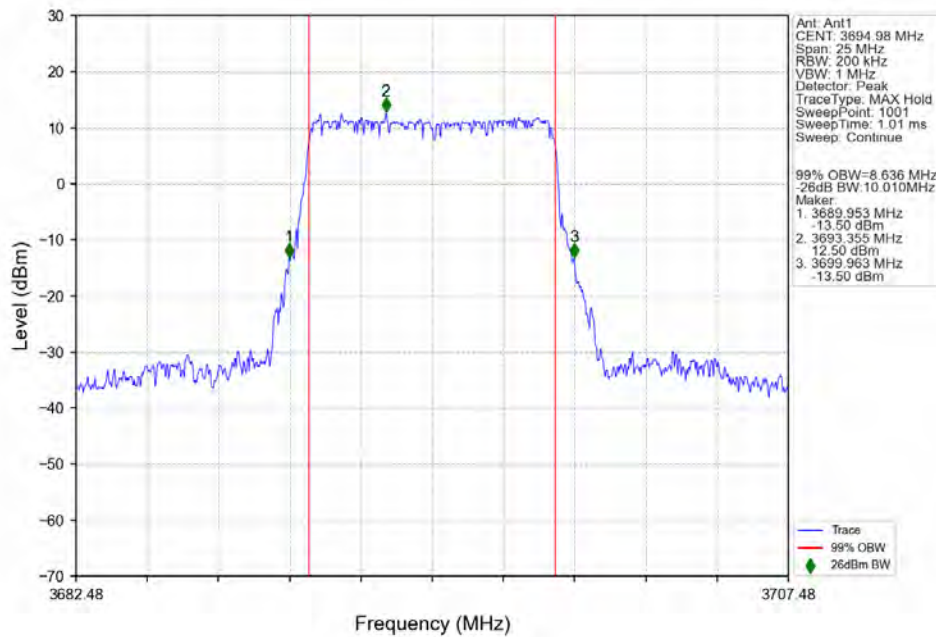


n48 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1

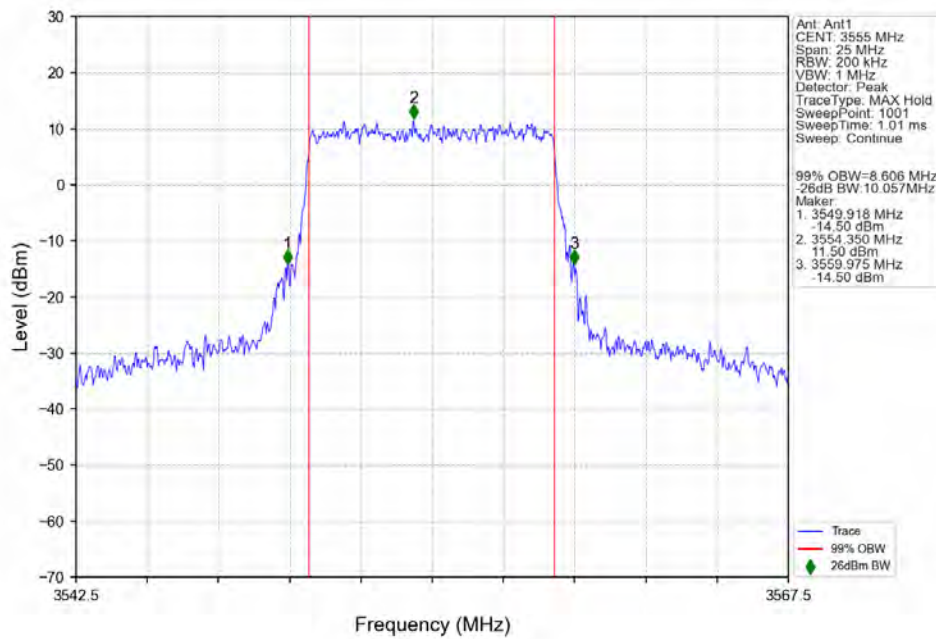




n48 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3694.98MHz Outer Full Ant1

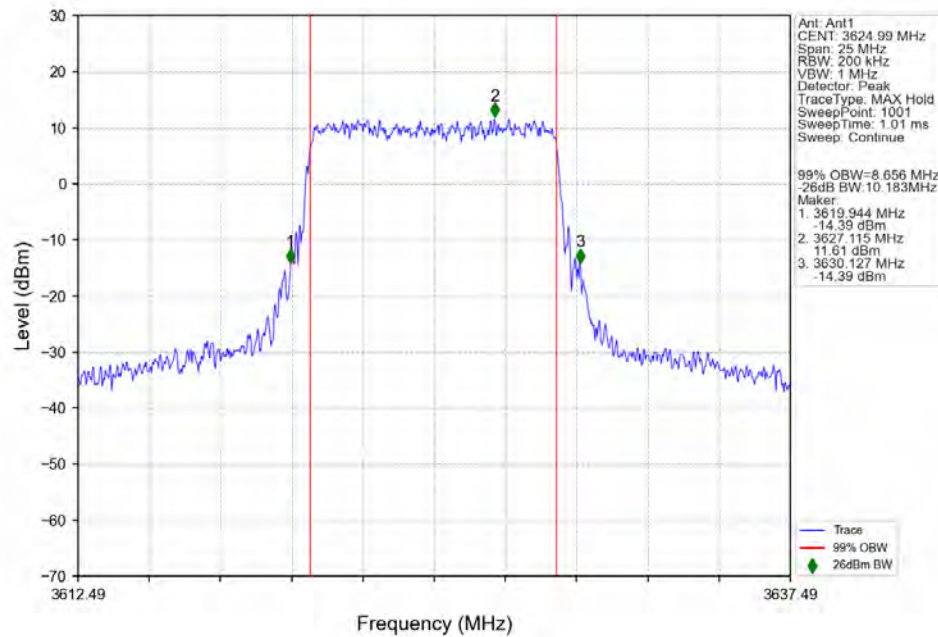


n48 30kHz SISO NTN 10MHz CP-OFDM QPSK 3555MHz Outer Full Ant1

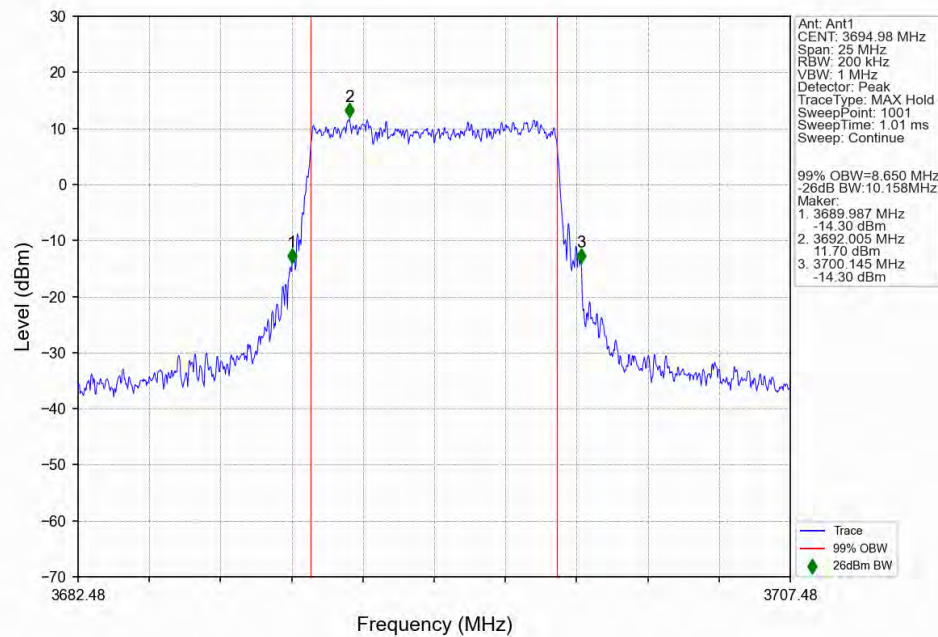




n48 30kHz SISO NTN 10MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1

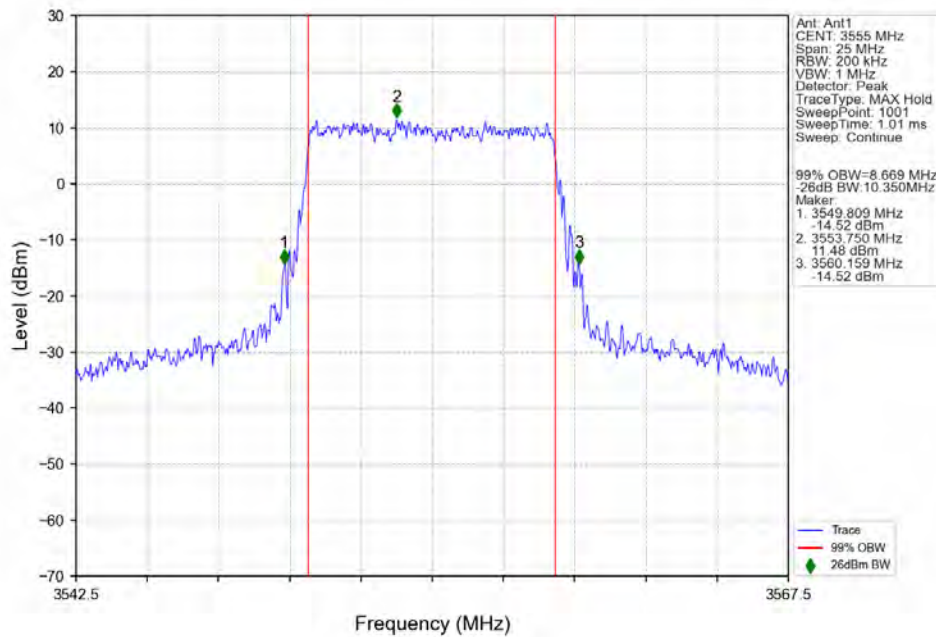


n48 30kHz SISO NTN 10MHz CP-OFDM QPSK 3694.98MHz Outer Full Ant1

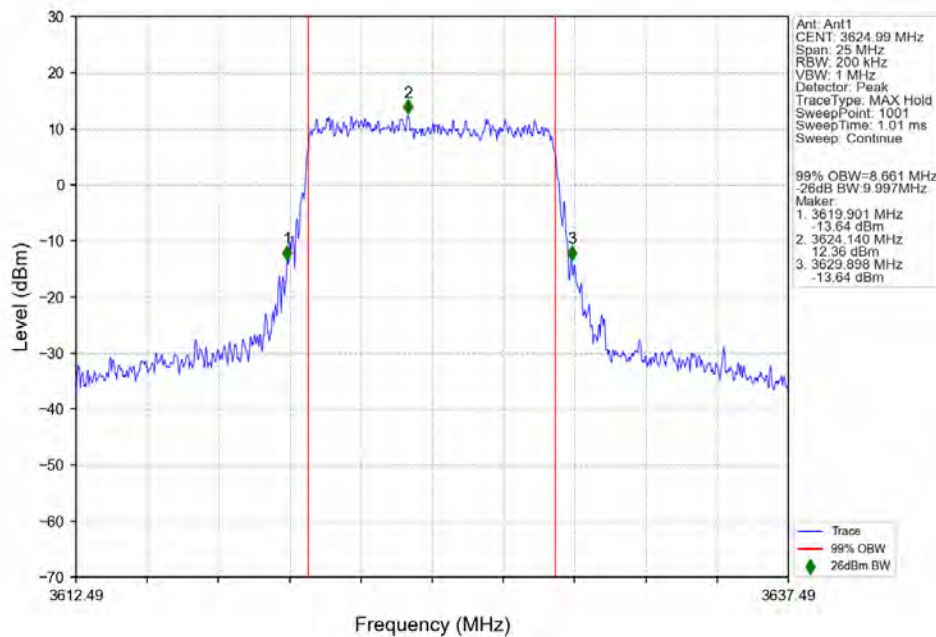




n48 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3555MHz Outer Full Ant1



n48 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3624.99MHz Outer Full Ant1



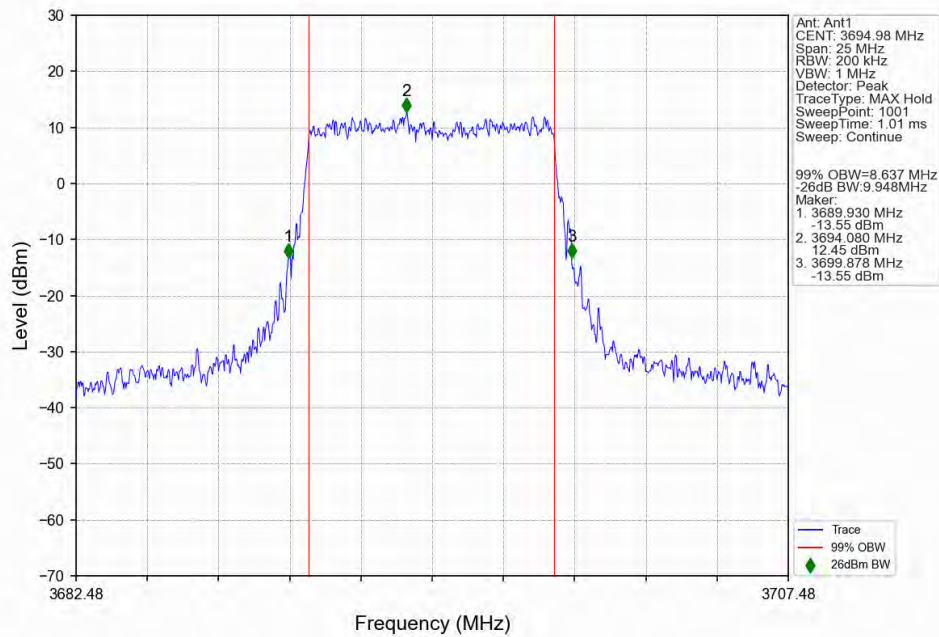


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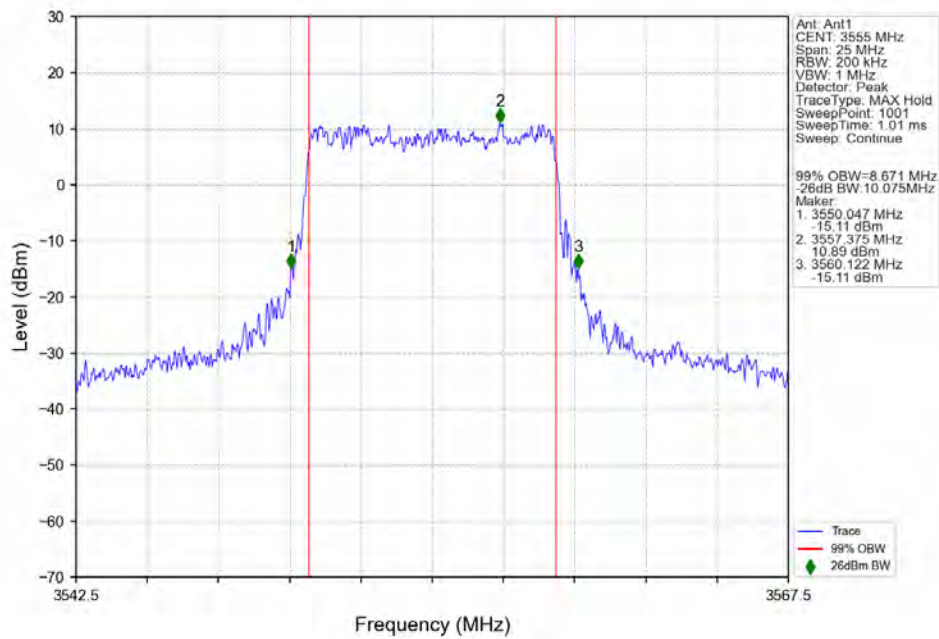
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48 30kHz_SISO NTN_V 10MHz CP-OFDM 16 QAM_3694.98MHz Outer_Full_Ant1



n48 30kHz_SISO NTN_V 10MHz CP-OFDM 64 QAM_3555MHz Outer_Full_Ant1



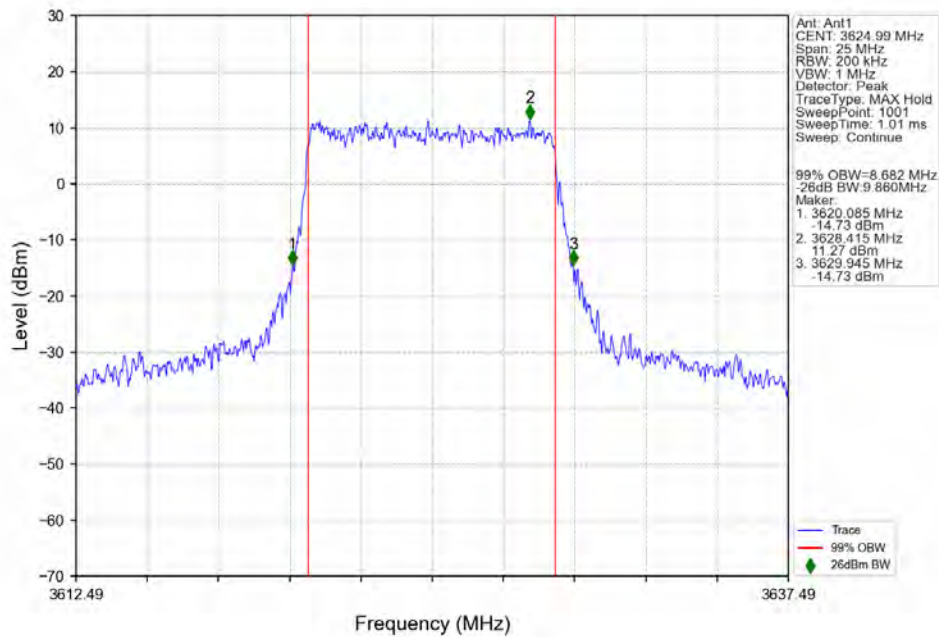


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VERITAS

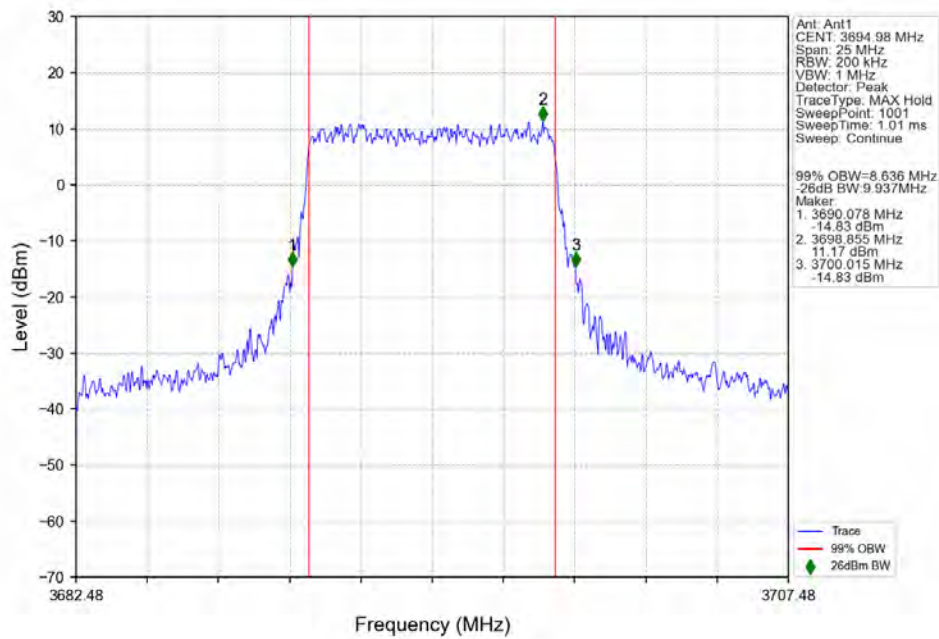
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3624.99MHz Outer Full Ant1



n48 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3694.98MHz Outer Full Ant1



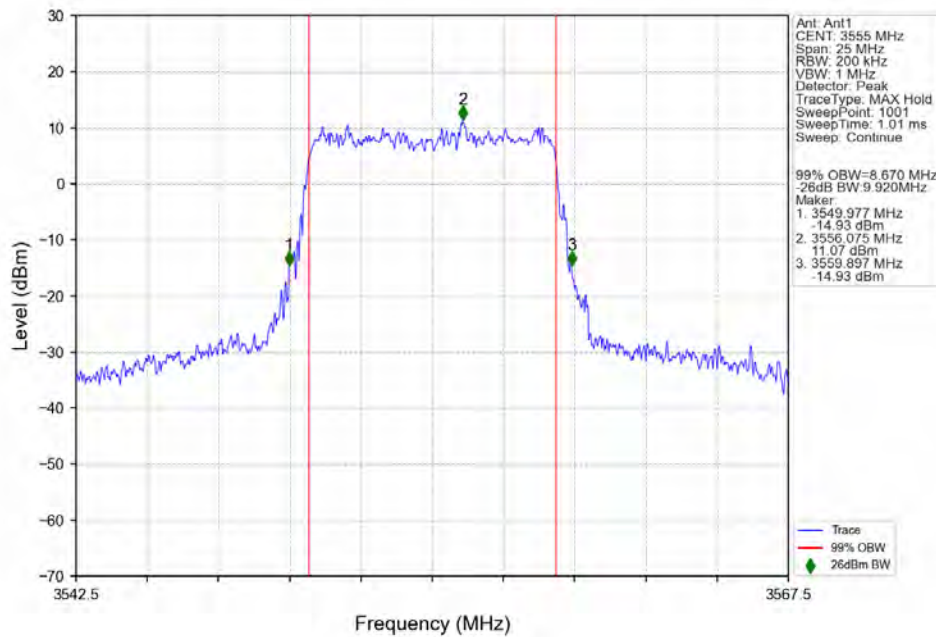


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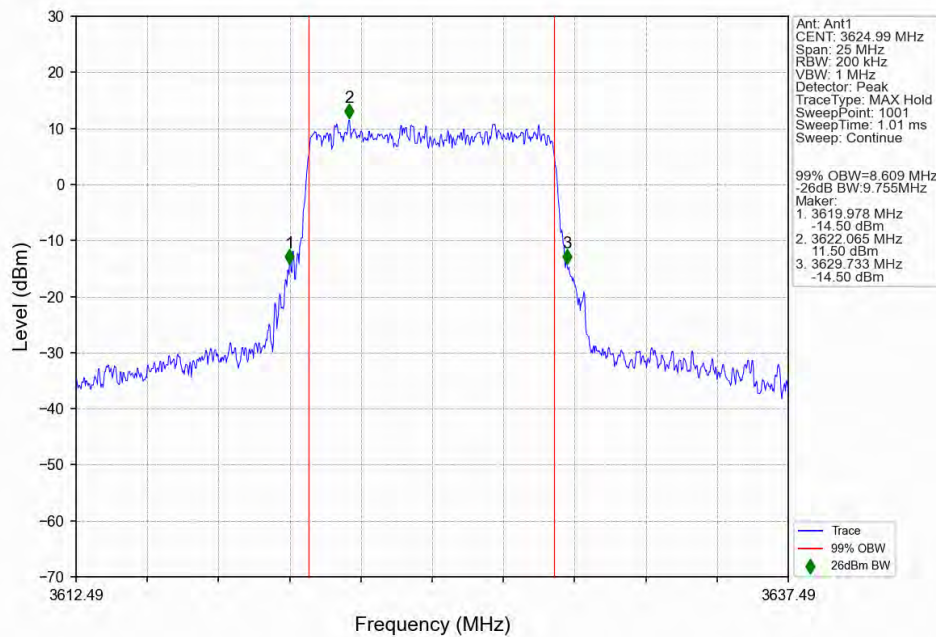
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3555MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant1

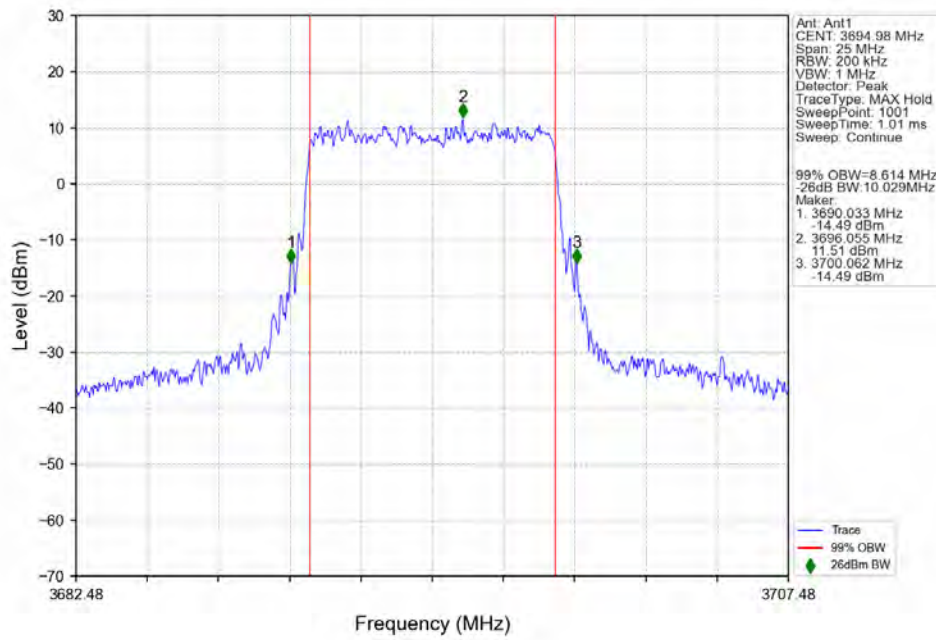




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No.: PBJ-NQN2412130113RF02
FCC ID: 2AANY-IR624

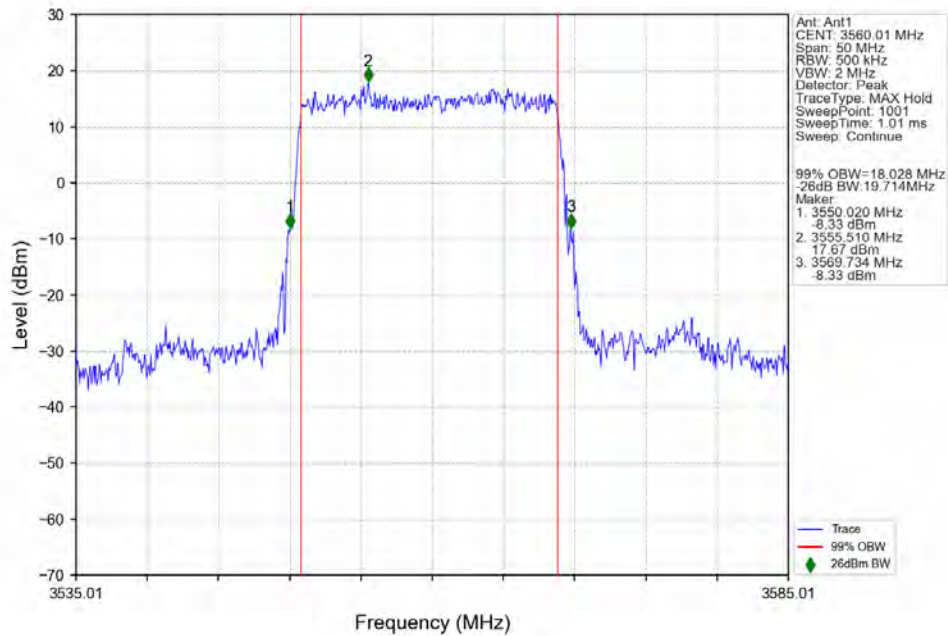
n48 30kHz SISO_NTNV 10MHz CP-OFDM 256 QAM 3694.98MHz Outer Full Ant1



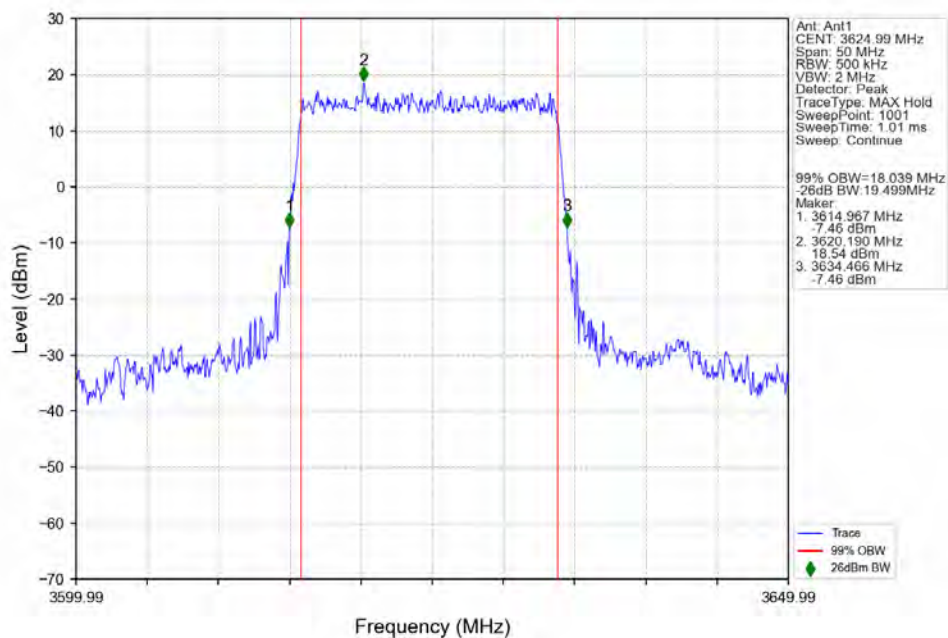


4.2.2 30k_SISO_20MHz_NTNV

n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3560.01MHz Outer Full Ant1

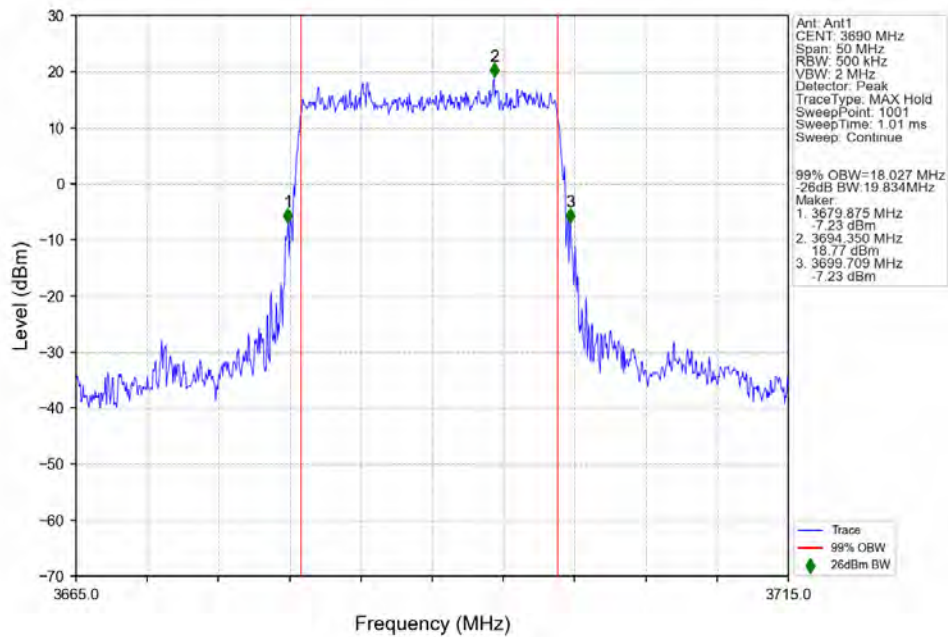


n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

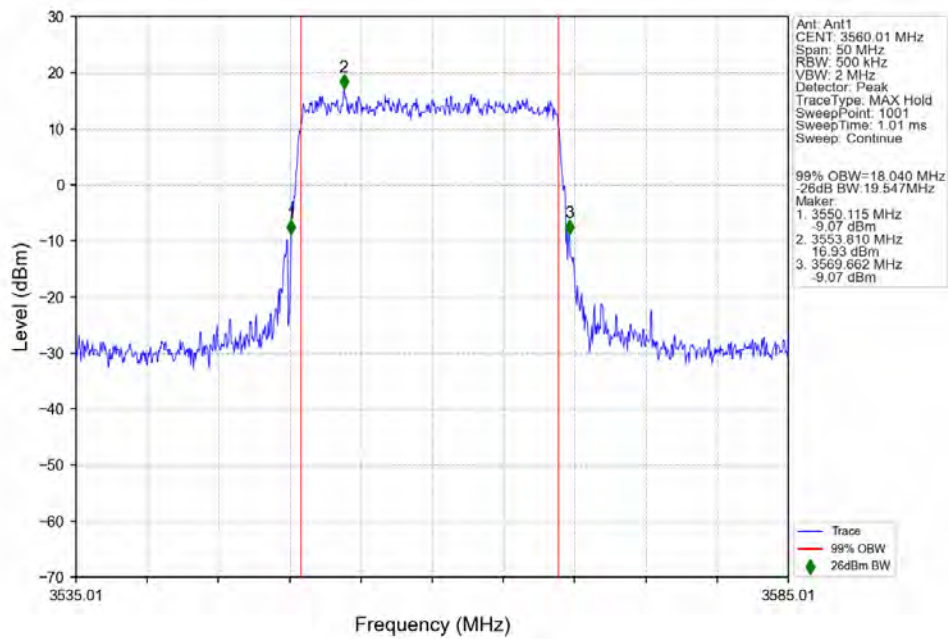




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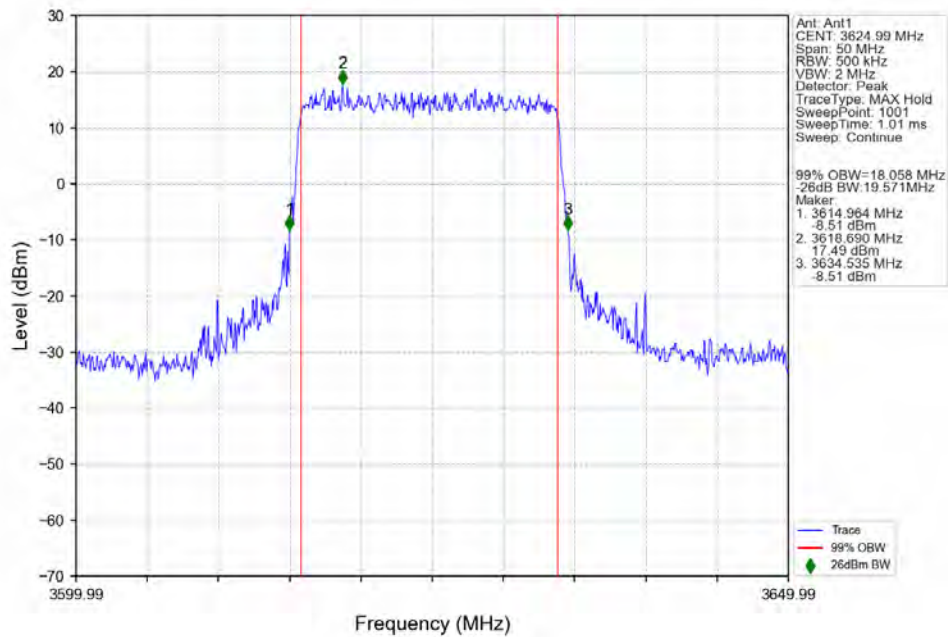


n48 30kHz_SISO NTN 20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full_Ant1

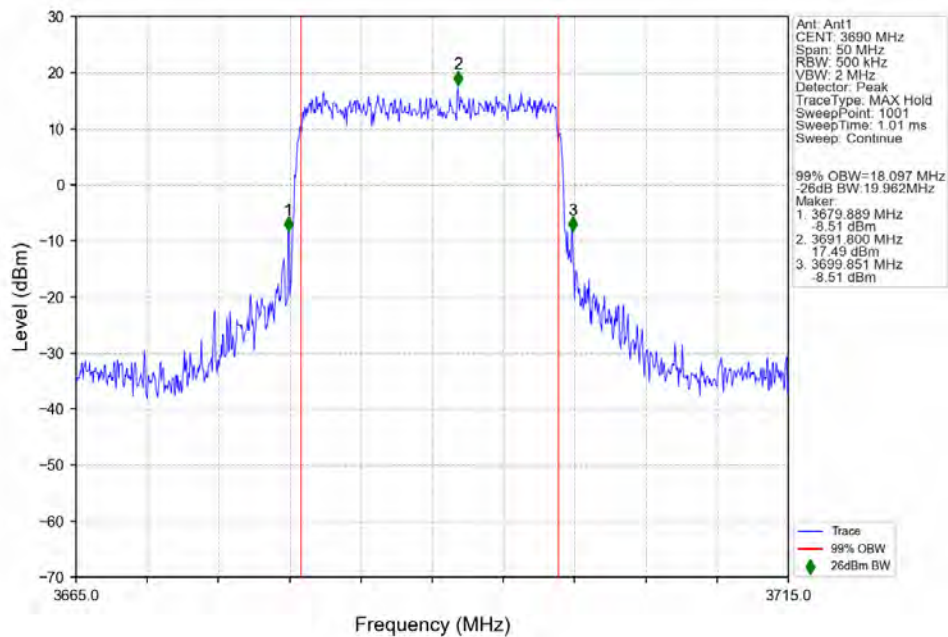




n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1

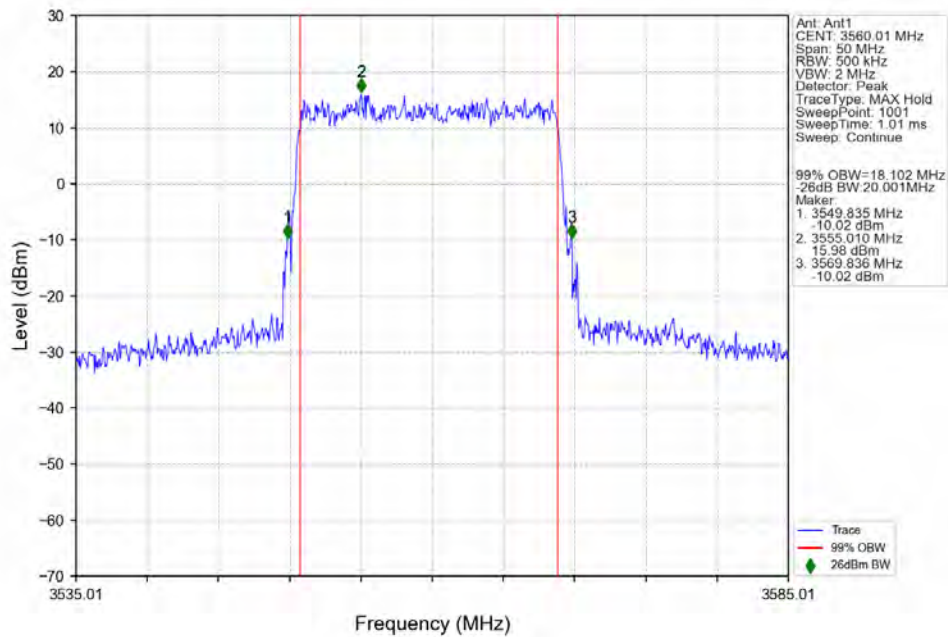


n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Outer_Full_Ant1

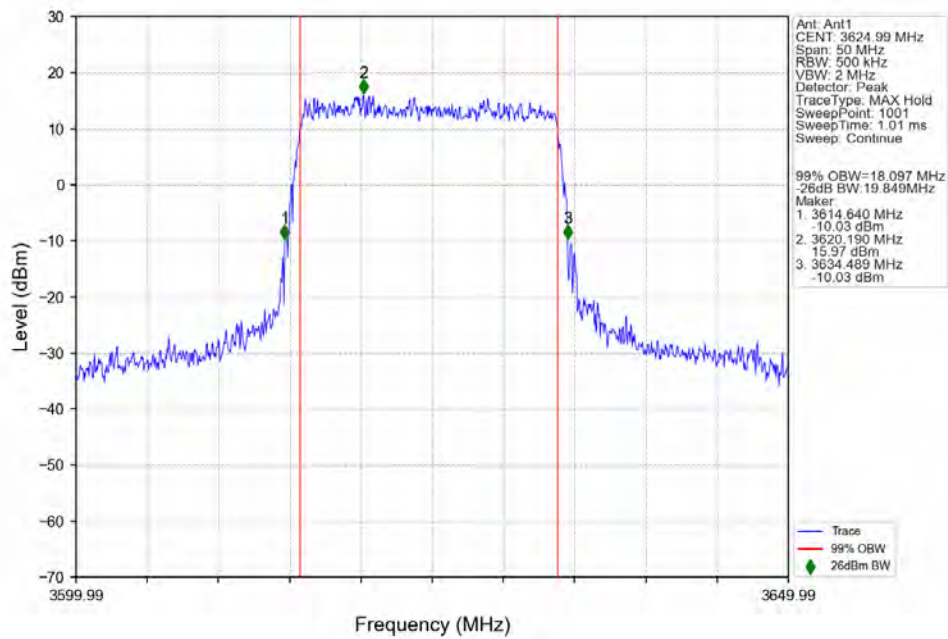




n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Outer_Full_Ant1

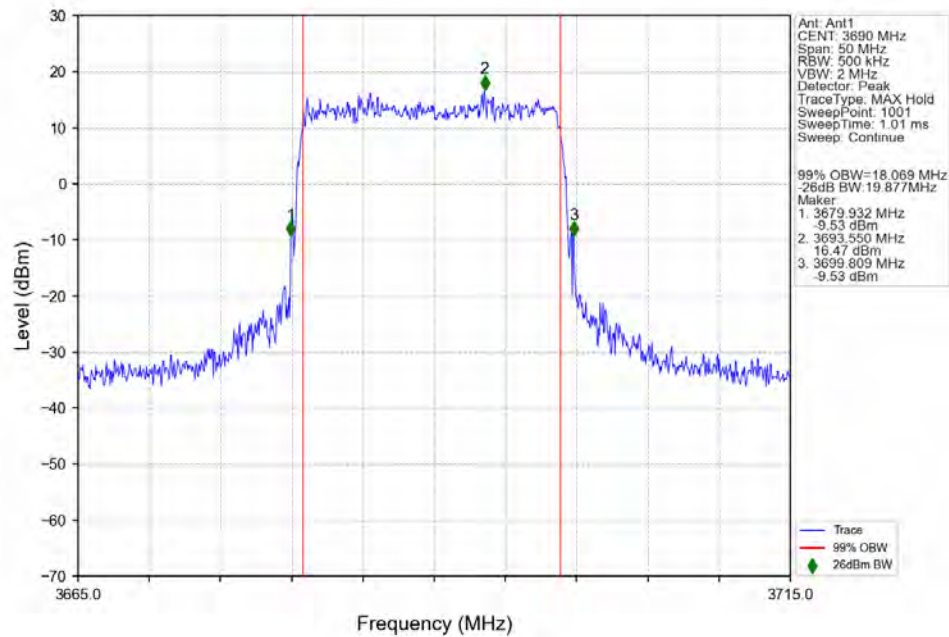


n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1

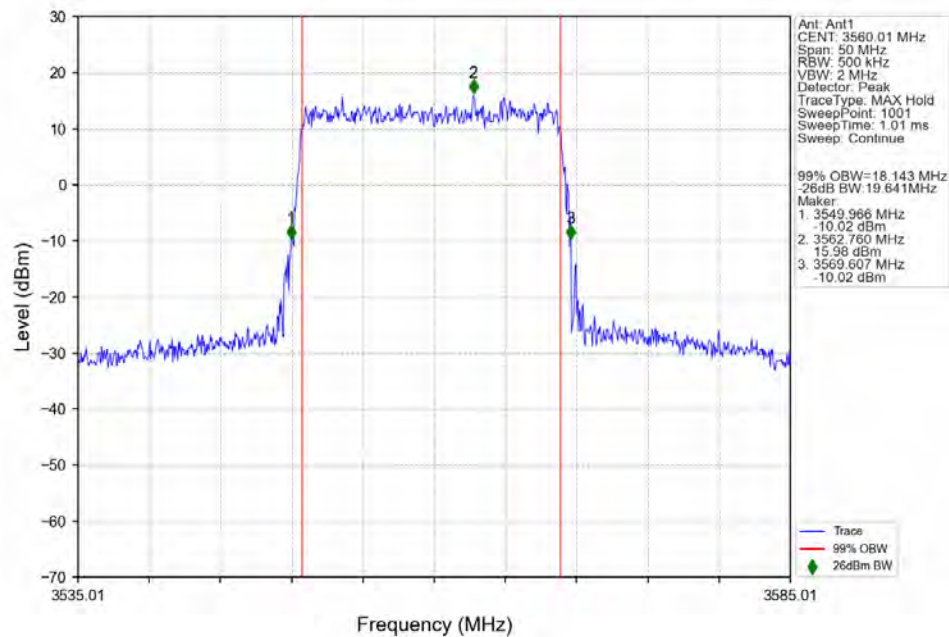




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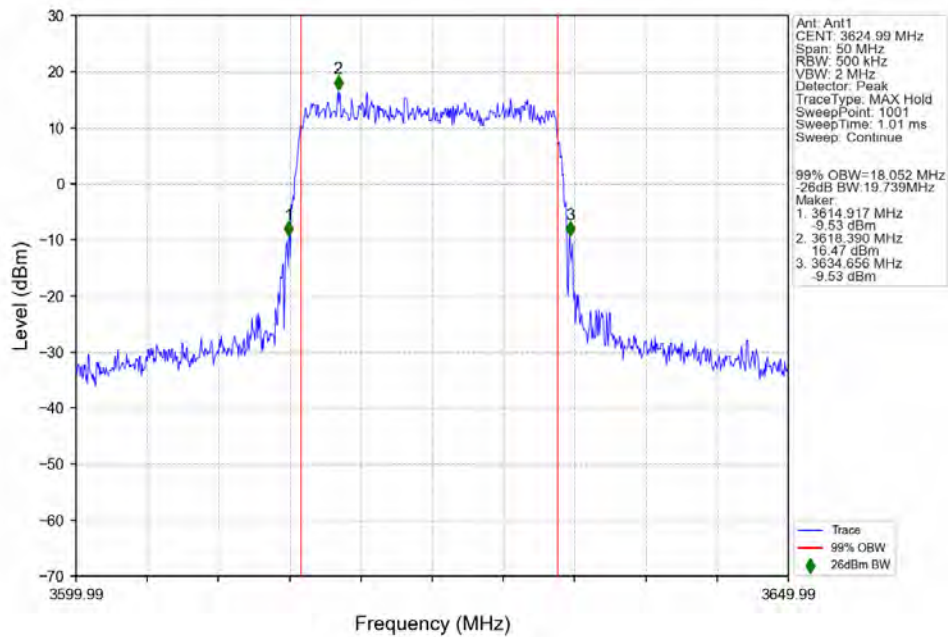


n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Outer_Full_Ant1

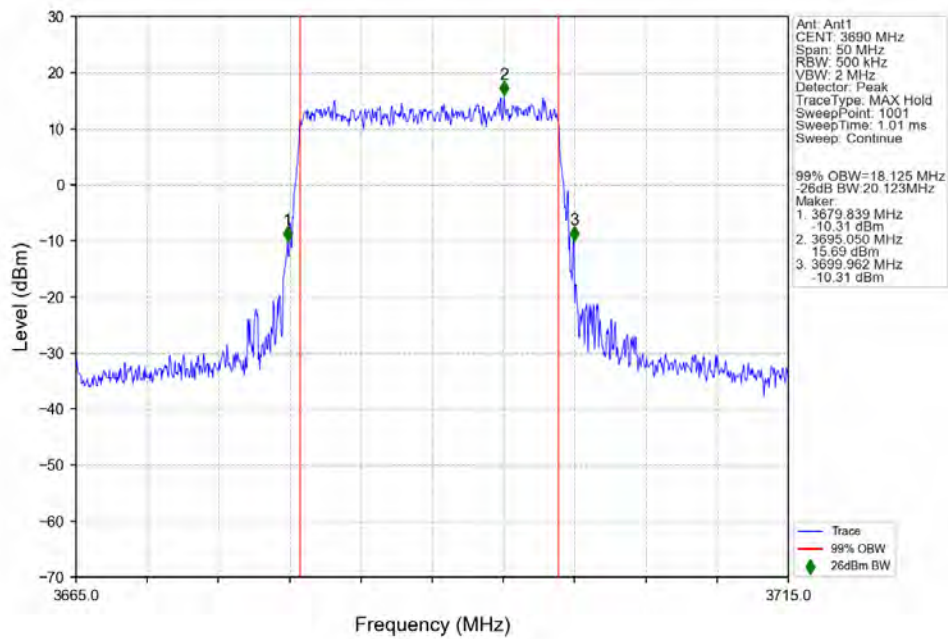




n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1

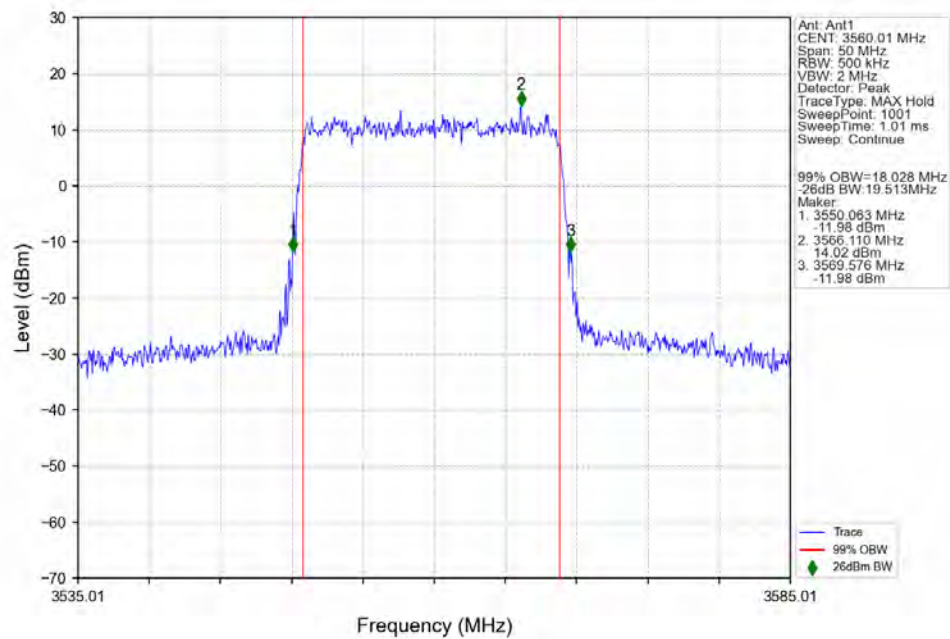


n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3690MHz_Outer_Full_Ant1

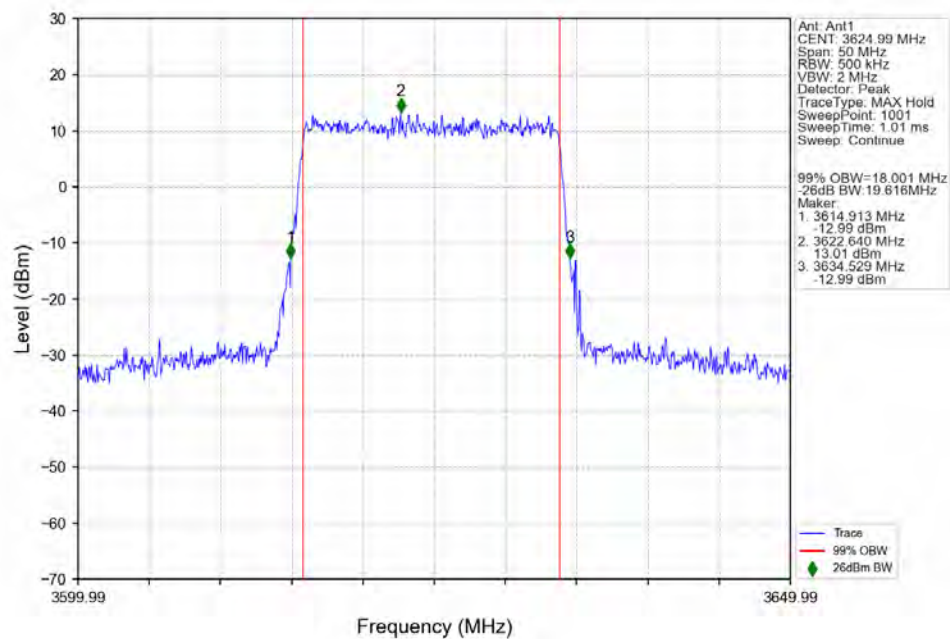




n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3560.01MHz Outer Full Ant1



n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1



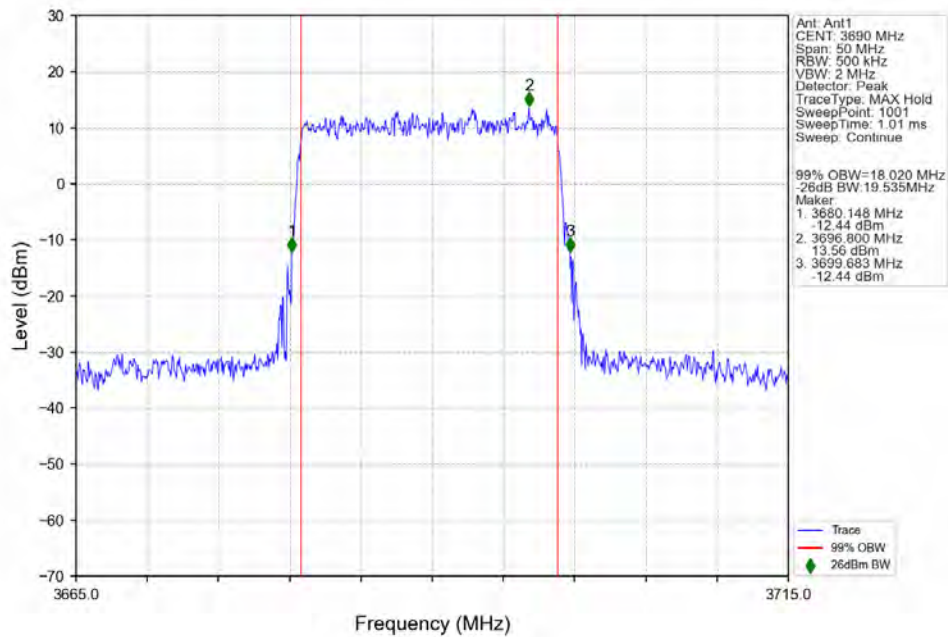


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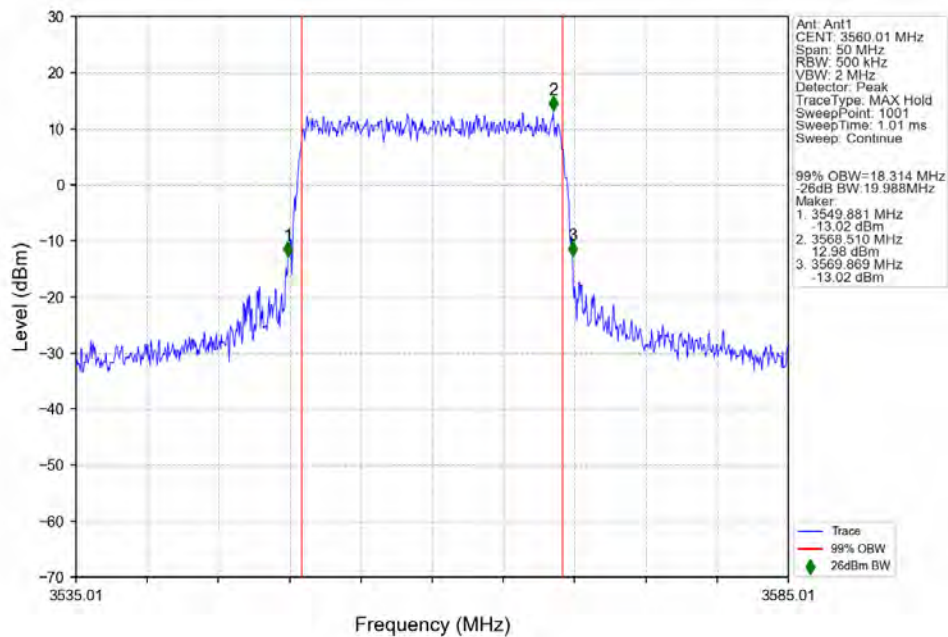
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3690MHz Outer Full Ant1

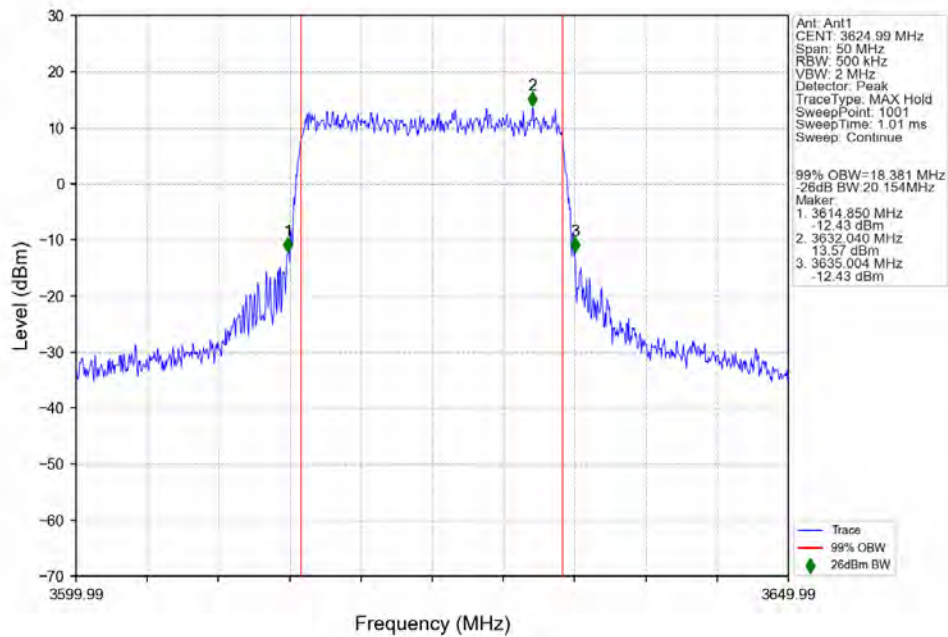


n48 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Outer Full Ant1

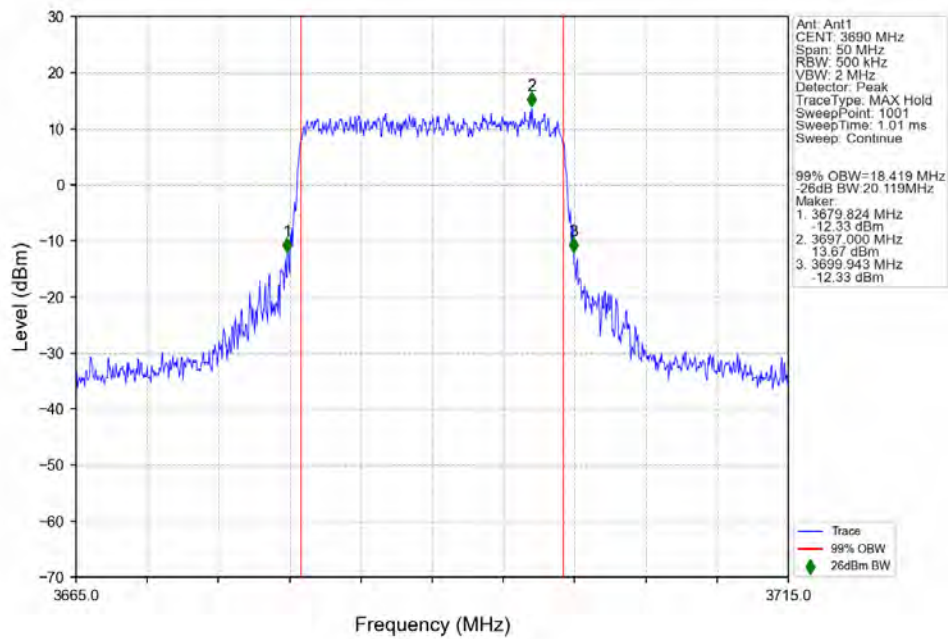




n48 30kHz SISO NTN 20MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1

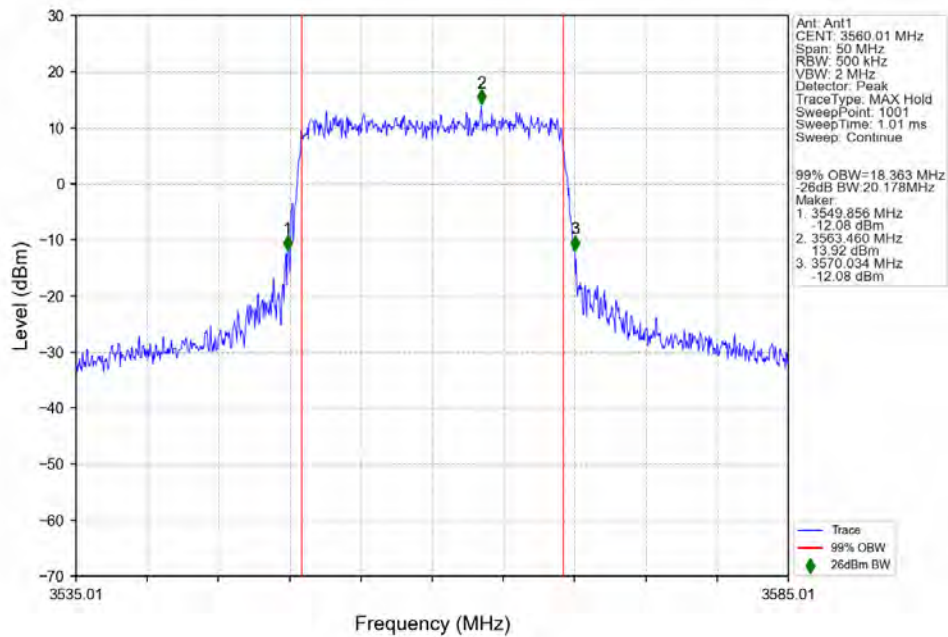


n48 30kHz SISO NTN 20MHz CP-OFDM QPSK 3690MHz Outer Full Ant1

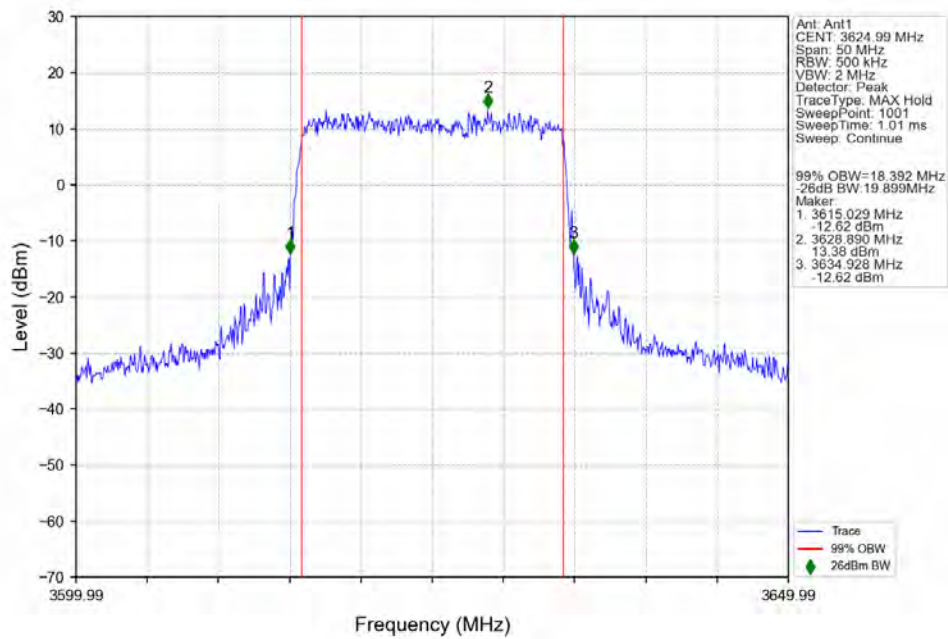




n48 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3560.01MHz Outer Full Ant1

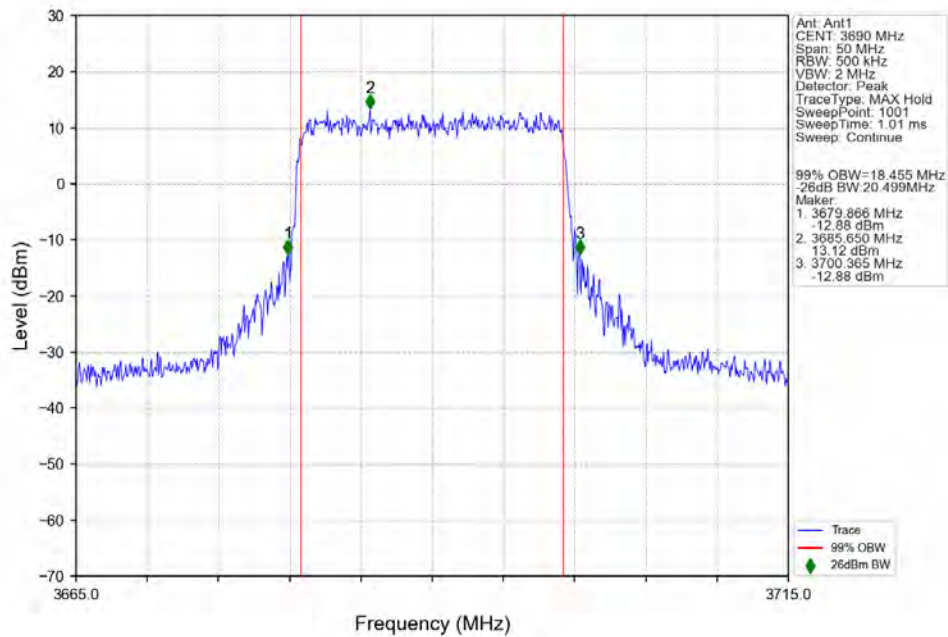


n48 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3624.99MHz Outer Full Ant1

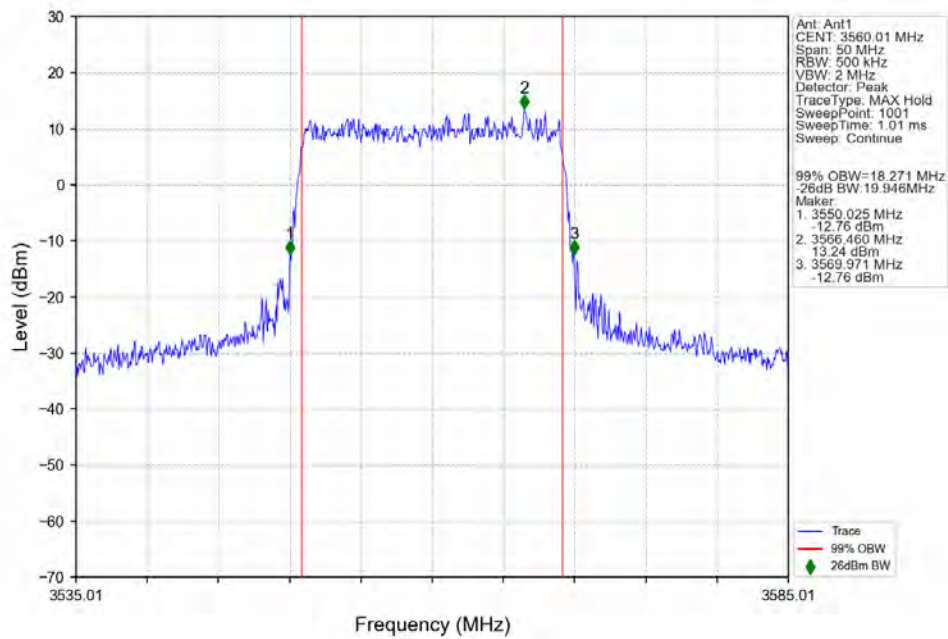




n48 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3690MHz Outer Full Ant1

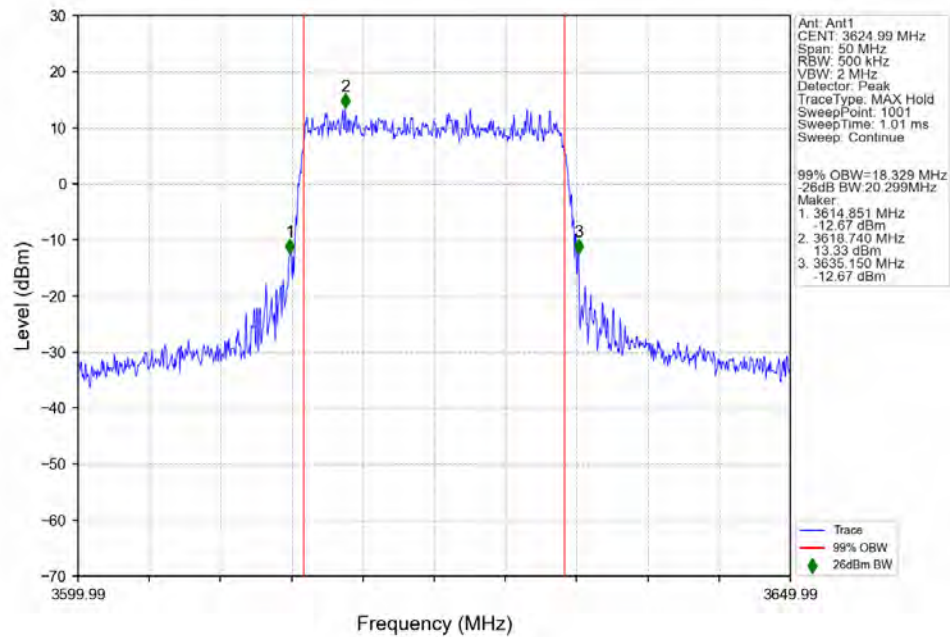


n48 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3560.01MHz Outer Full Ant1

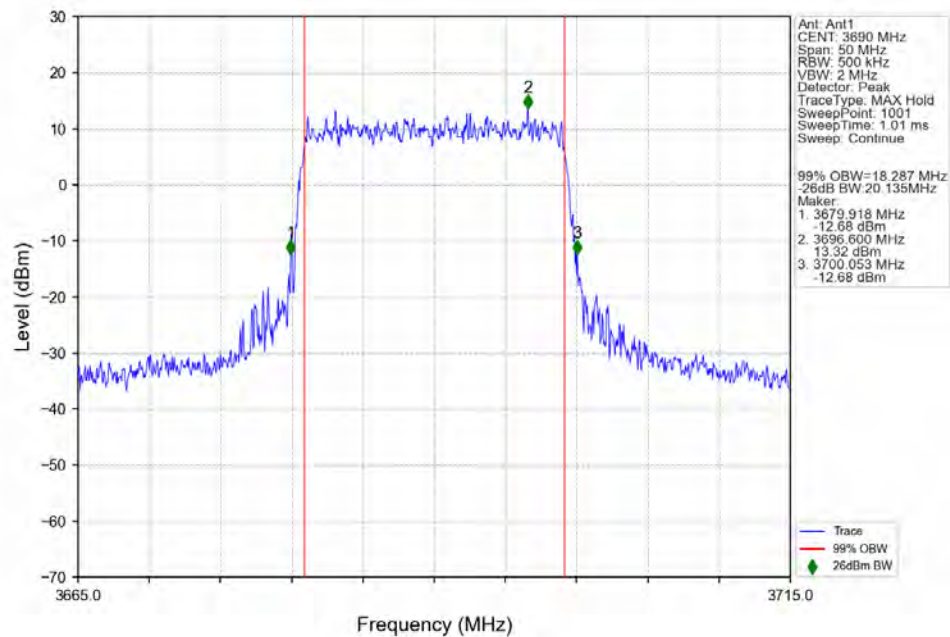




n48 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3624.99MHz Outer Full Ant1

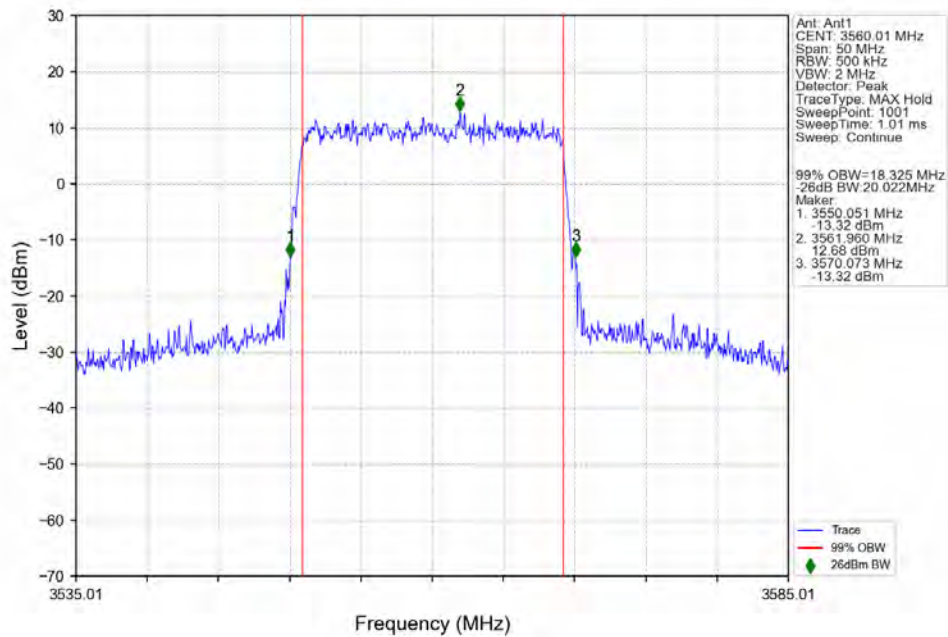


n48 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3690MHz Outer Full Ant1

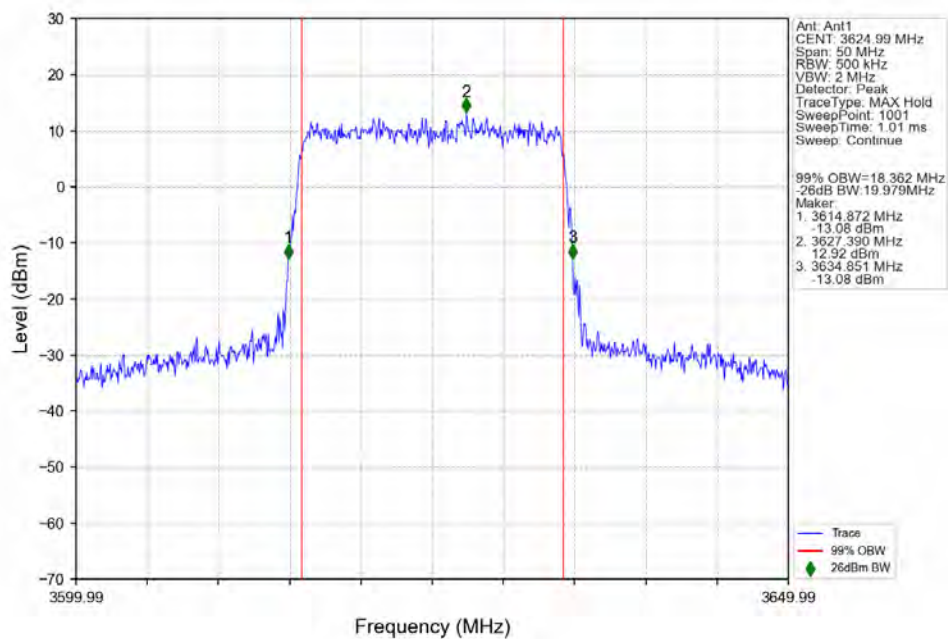




n48 30kHz SISO NTVN 20MHz CP-OFDM 256 QAM 3560.01MHz Outer Full Ant1



n48 30kHz SISO NTVN 20MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant1



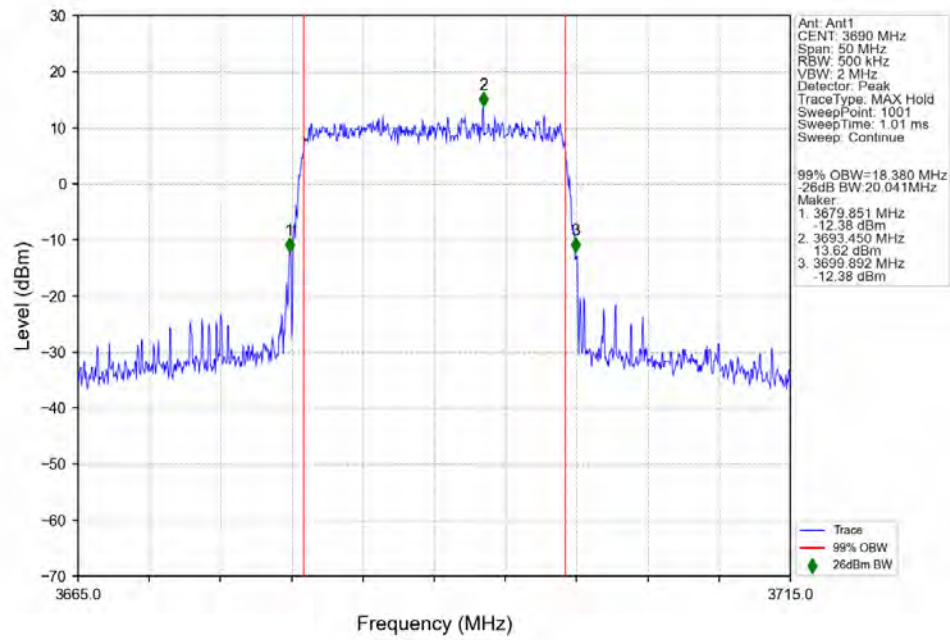


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No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

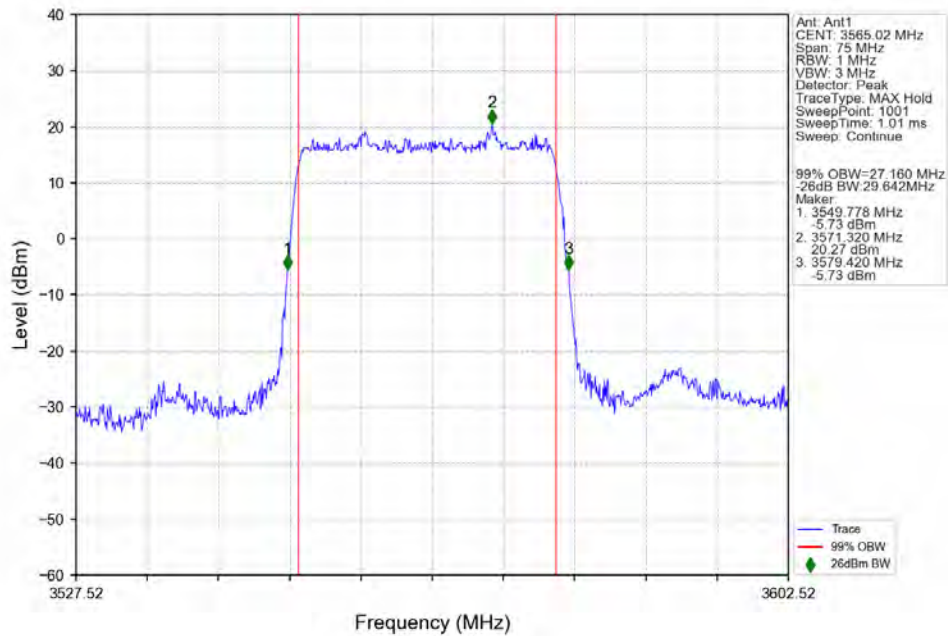
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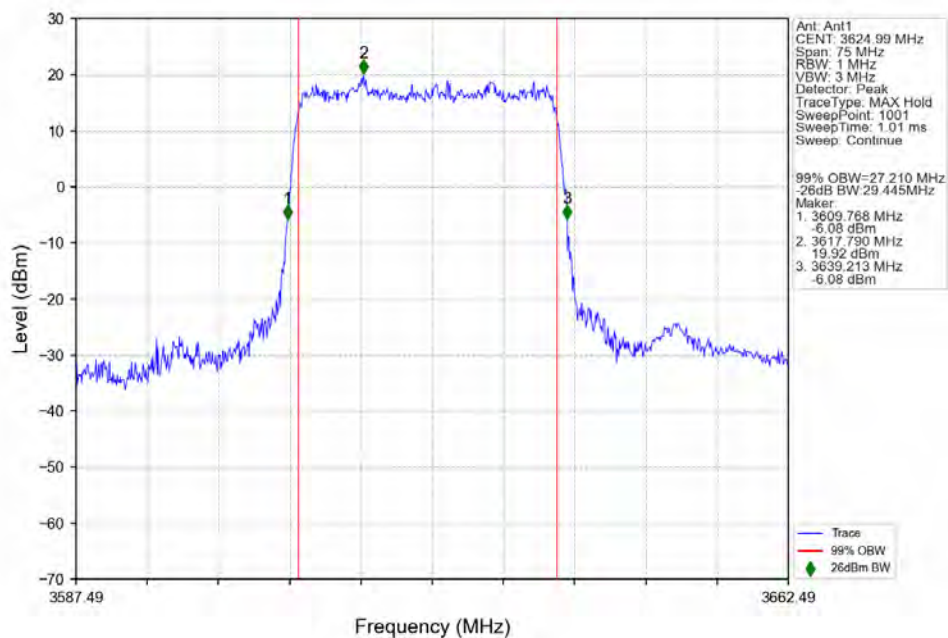


4.2.3 30k_SISO_30MHz_NTNV

n48 30kHz SISO NTNv 30MHz DFT-s-OFDM PI/2 BPSK 3565.02MHz Outer Full Ant1

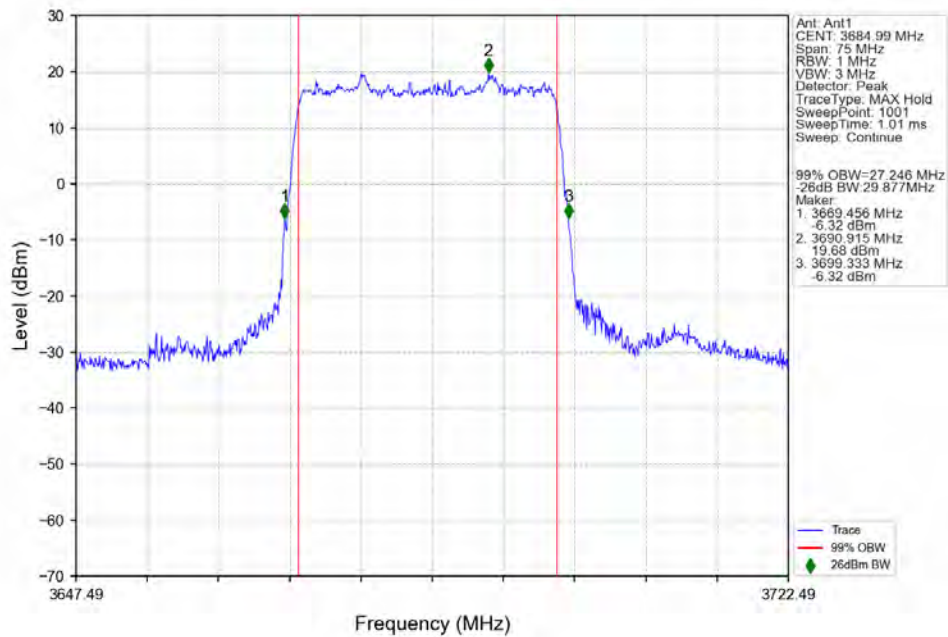


n48 30kHz SISO NTNv 30MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

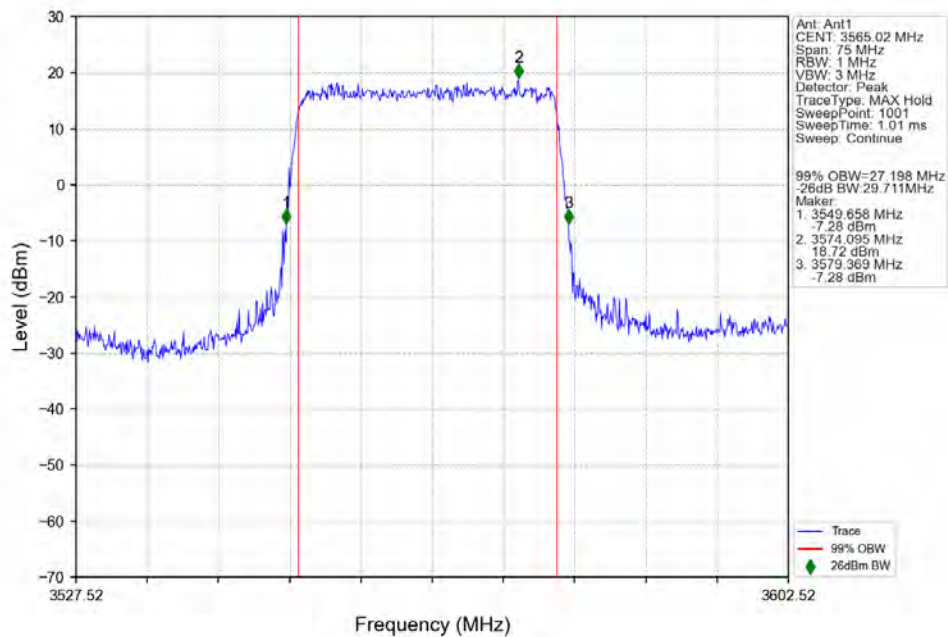




n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_3684.99MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3565.02MHz_Outer_Full_Ant1



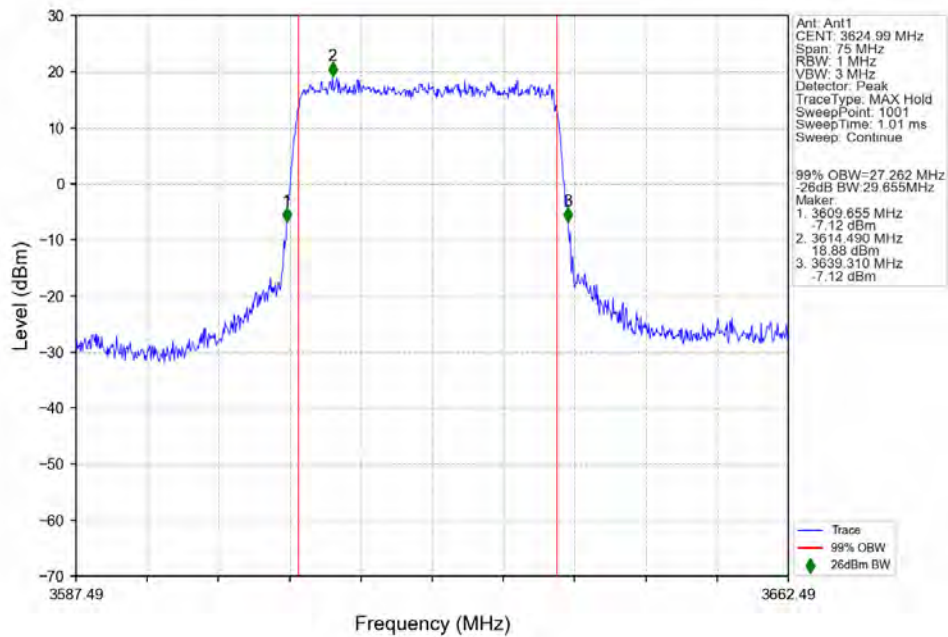


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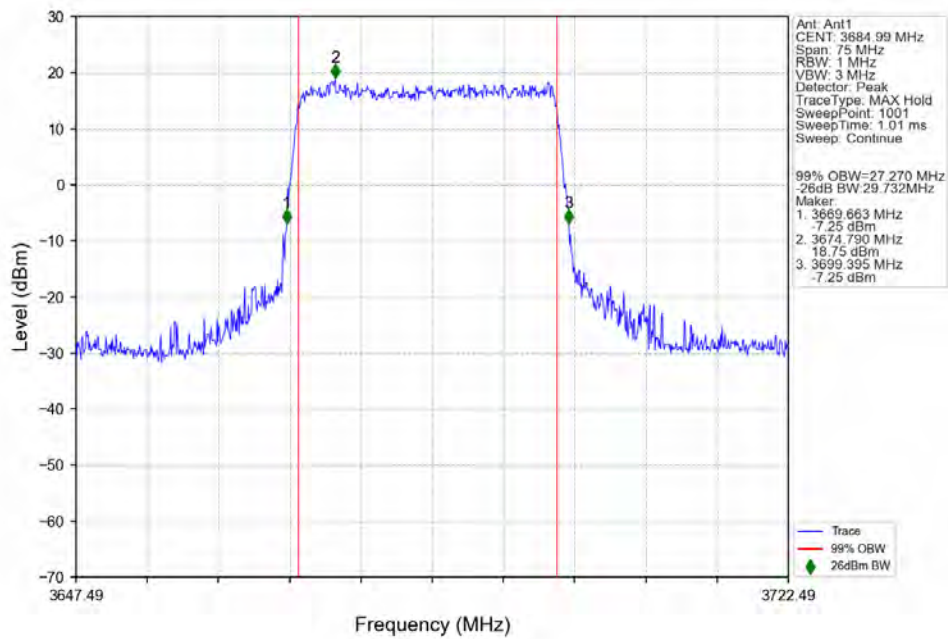
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1

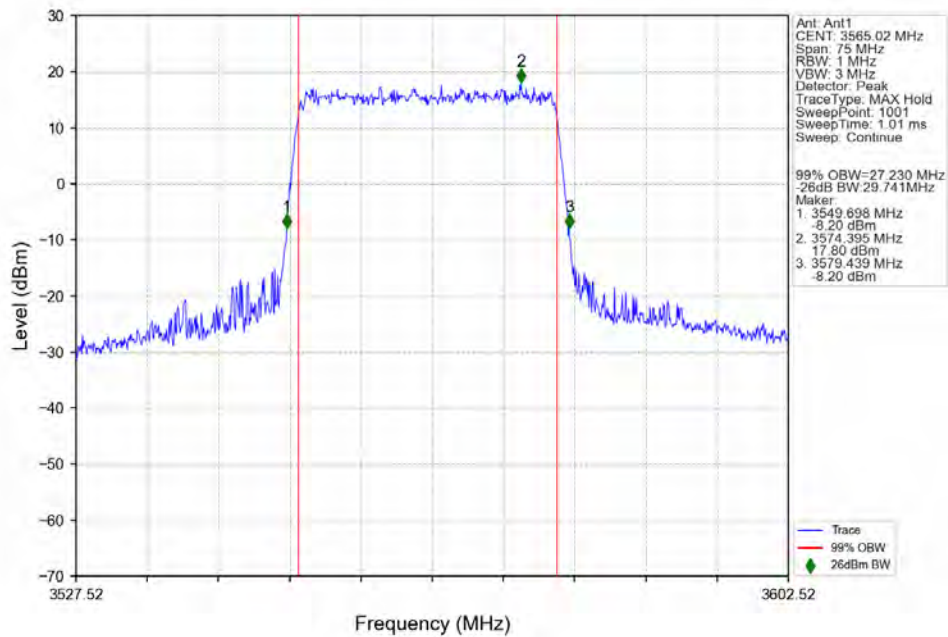


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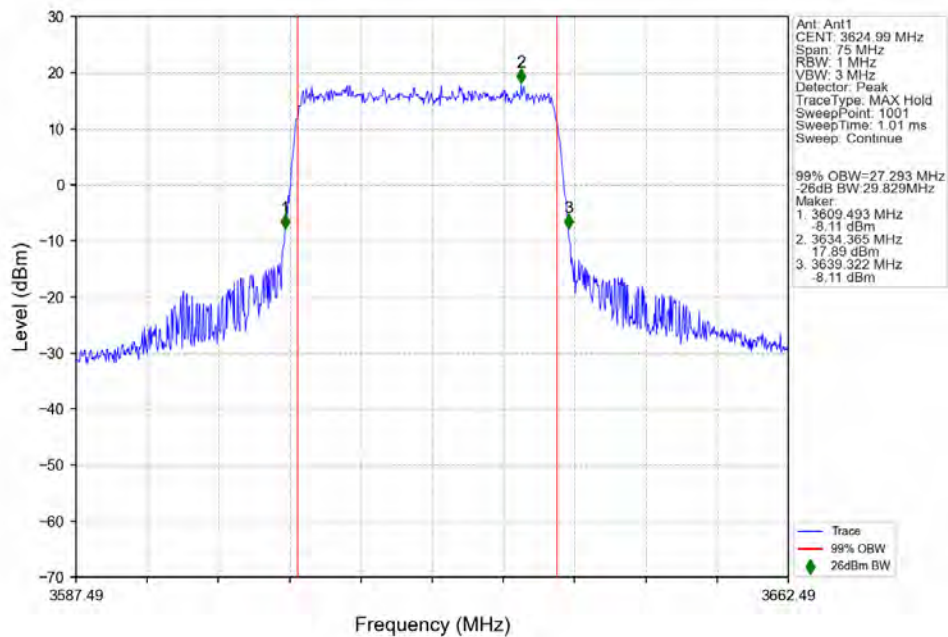




n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3565.02MHz_Outer_Full_Ant1

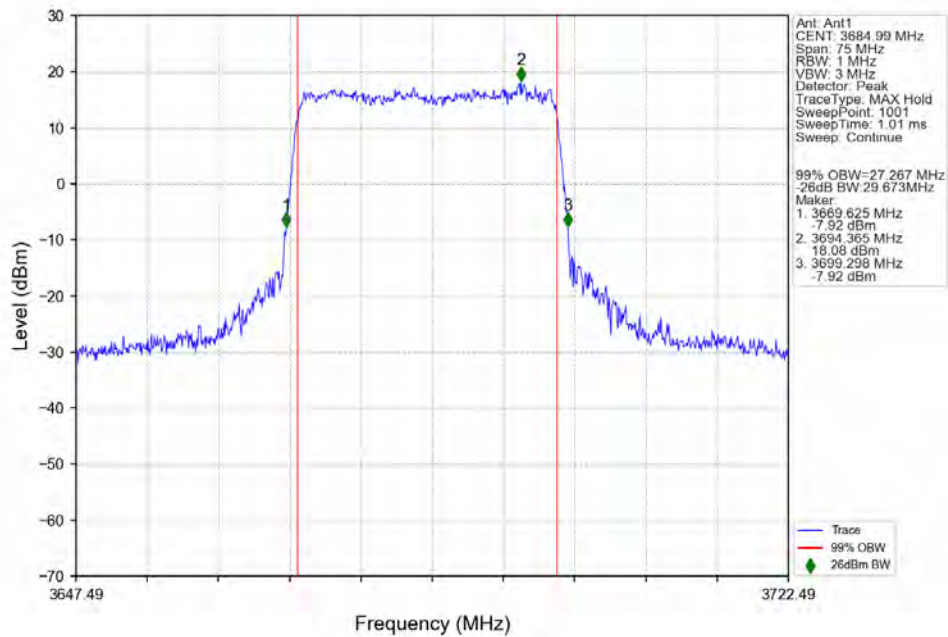


n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1

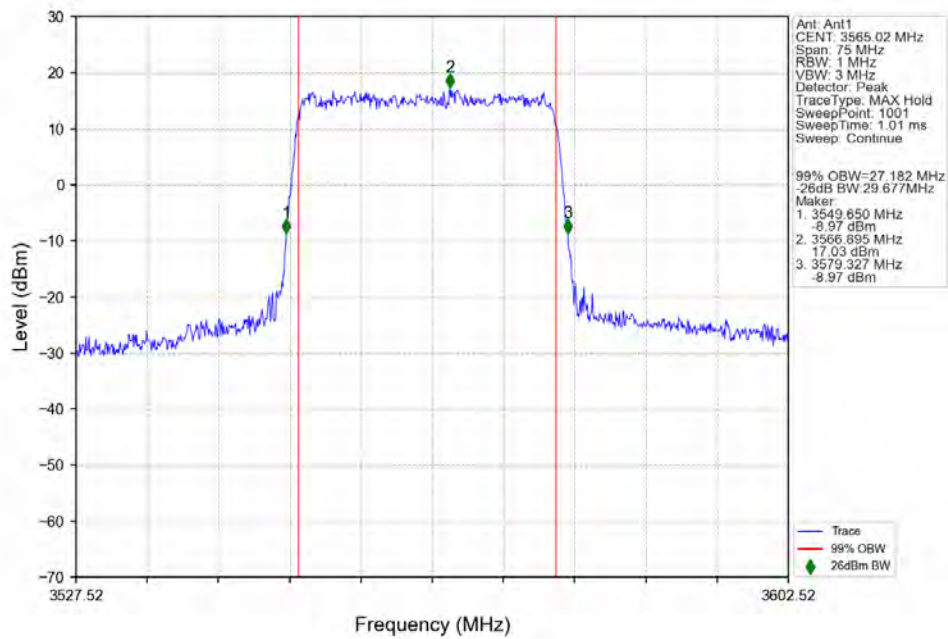




n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3684.99MHz_Outer_Full_Ant1

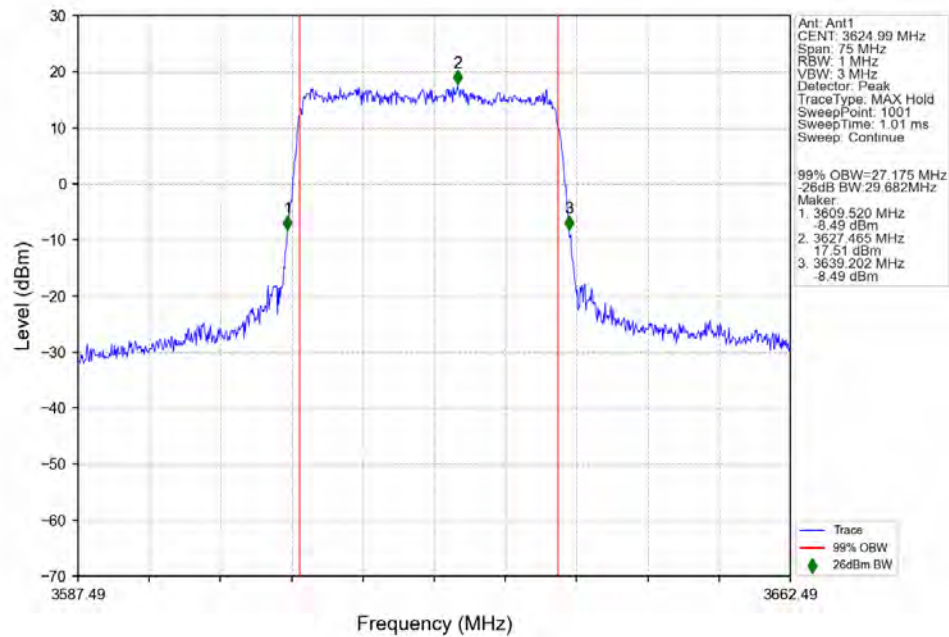


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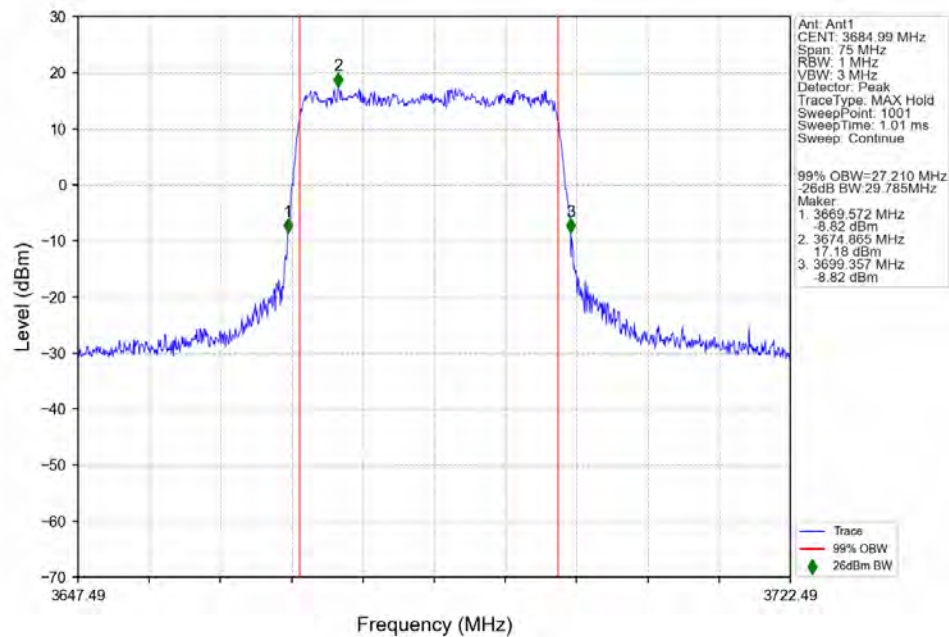




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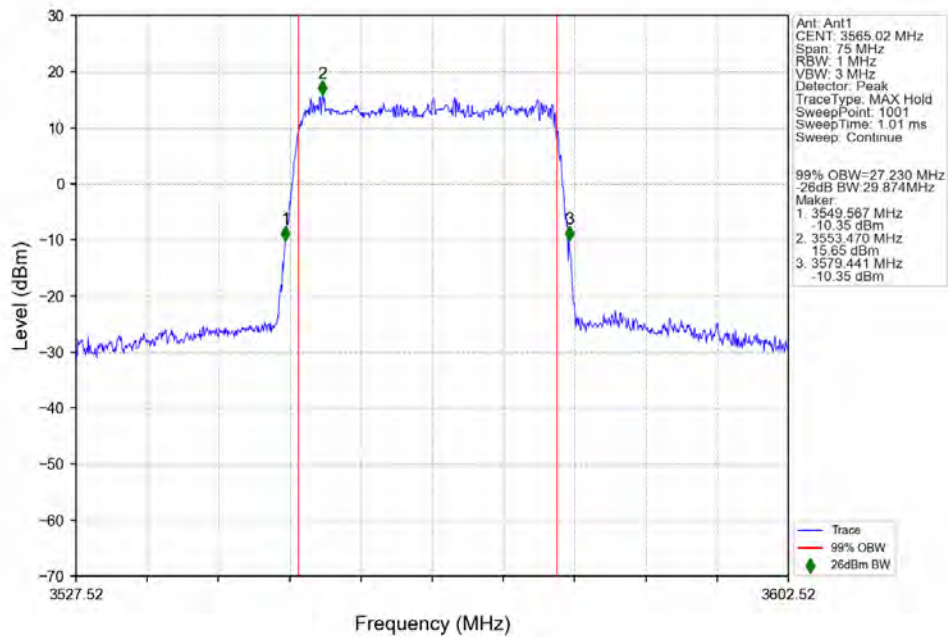


n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3684.99MHz_Outer_Full_Ant1

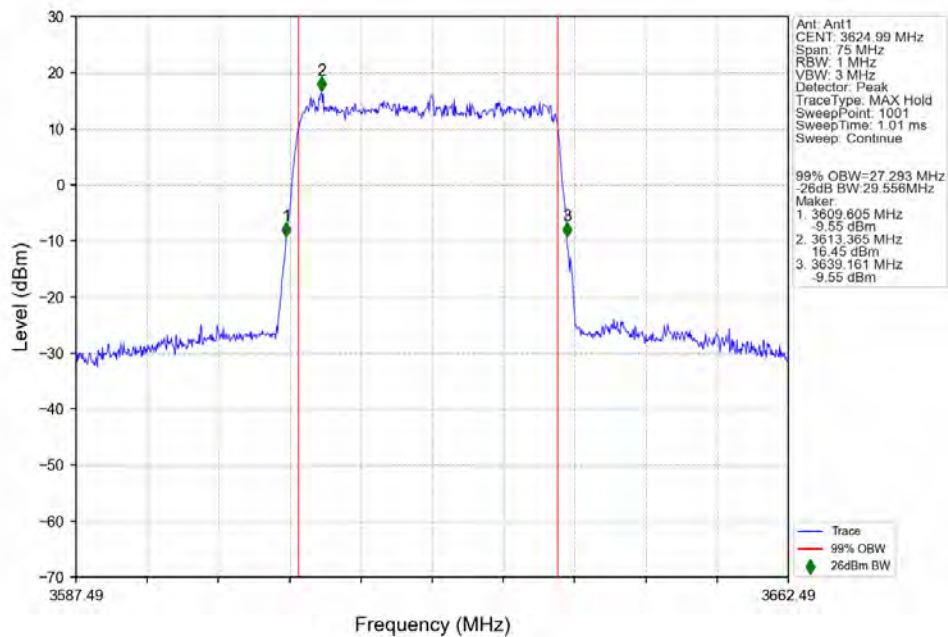




n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3565.02MHz Outer Full Ant1

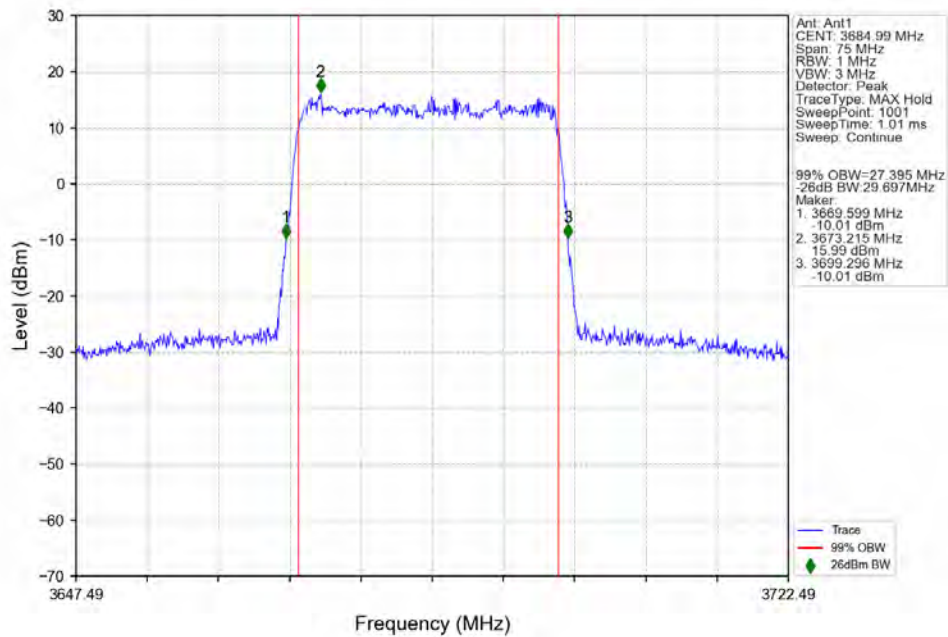


n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1

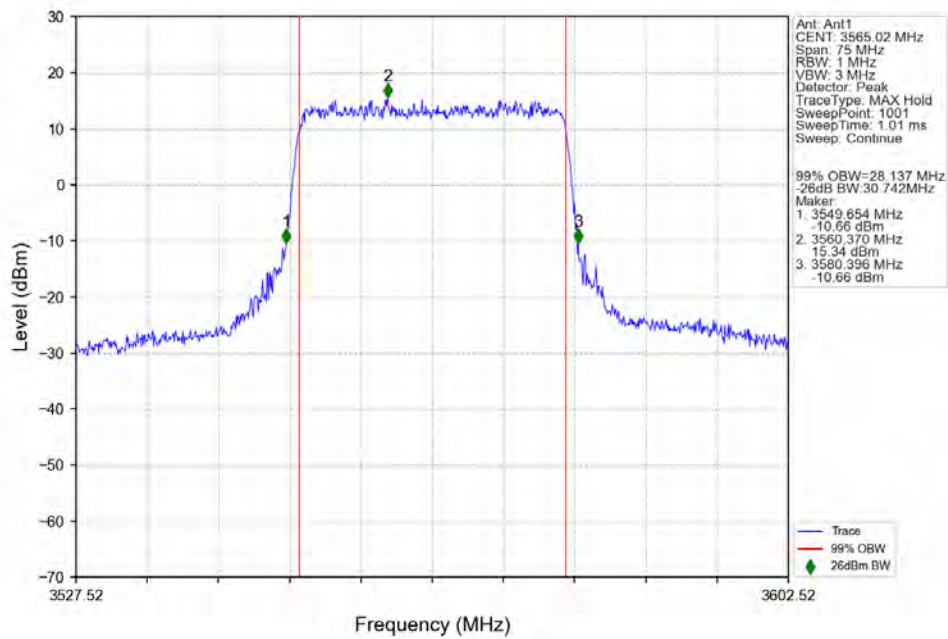




n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3684.99MHz Outer Full Ant1



n48 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Outer Full Ant1



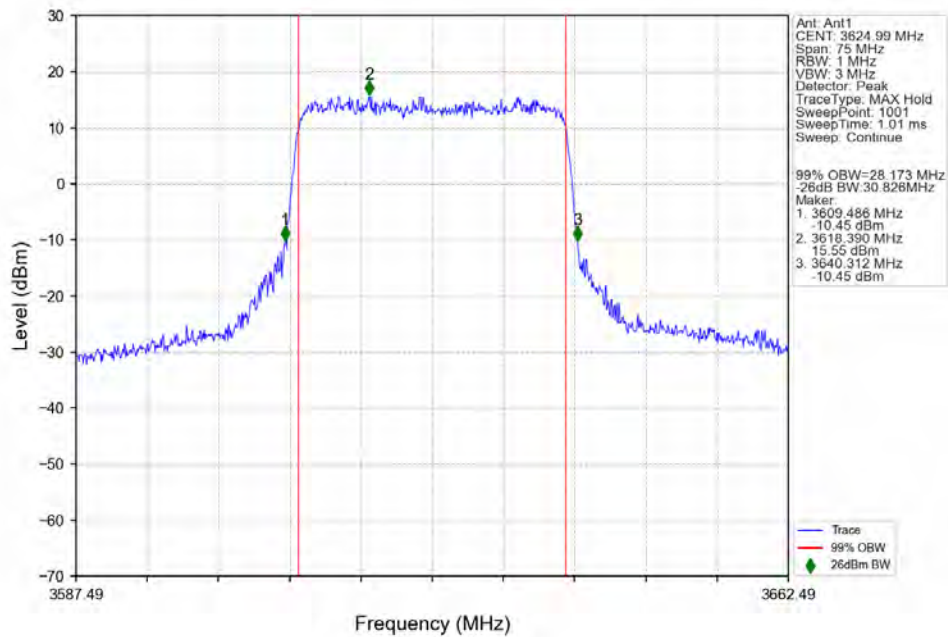


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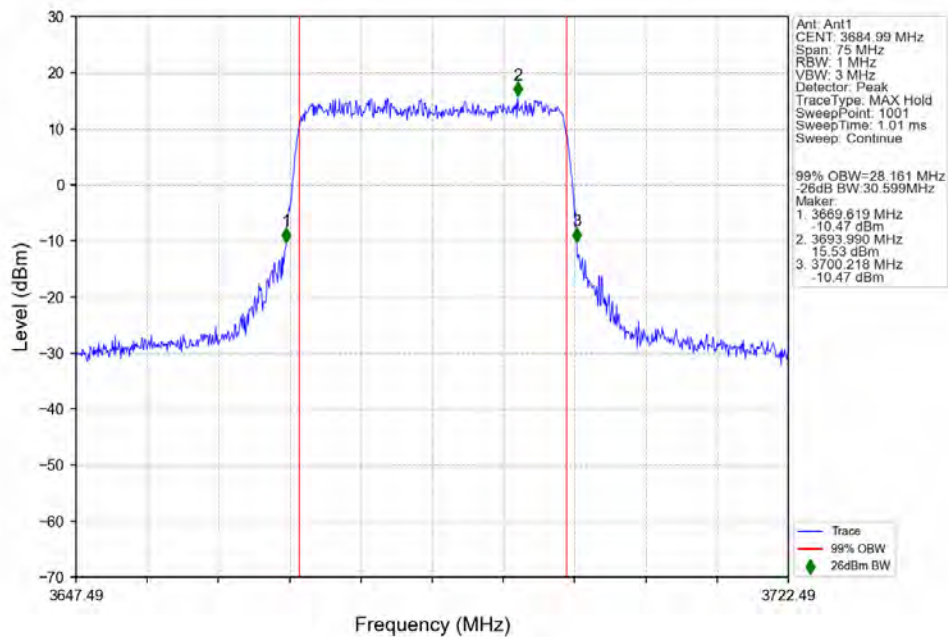
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48 30kHz SISO NTN 30MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1

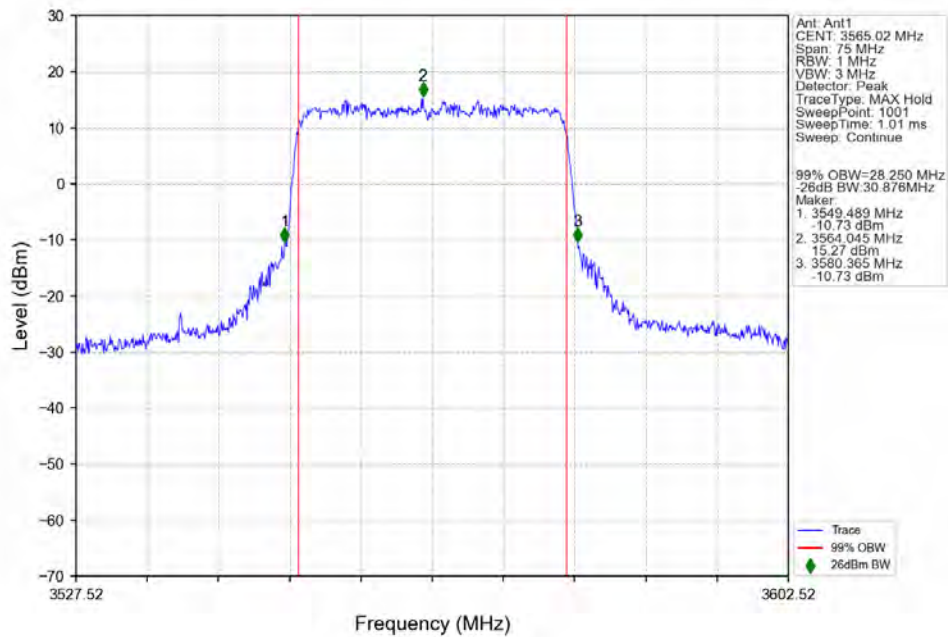


n48 30kHz SISO NTN 30MHz CP-OFDM QPSK 3684.99MHz Outer Full Ant1

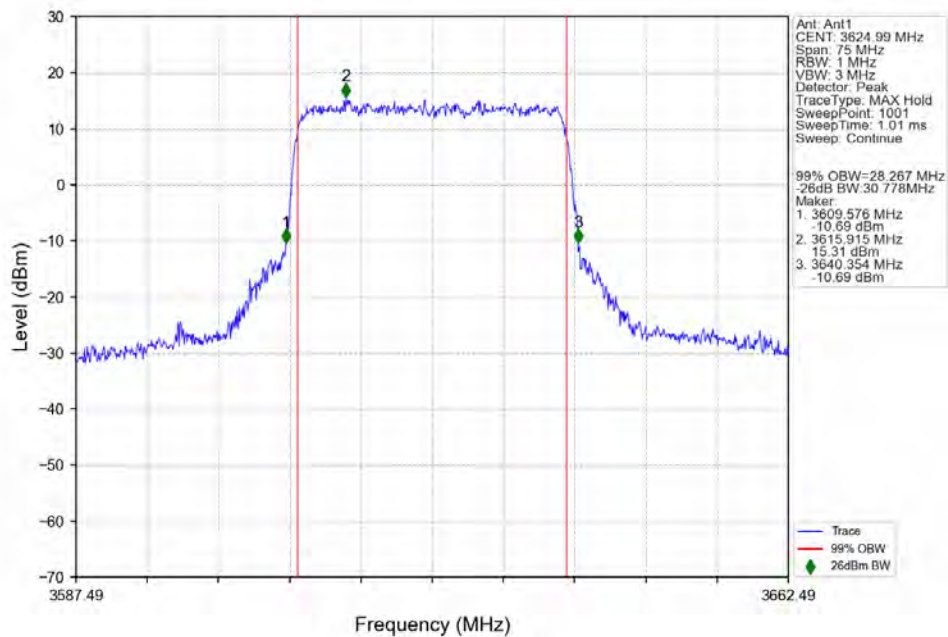




n48 30kHz SISO NTV 30MHz CP-OFDM 16 QAM 3565.02MHz Outer Full Ant1

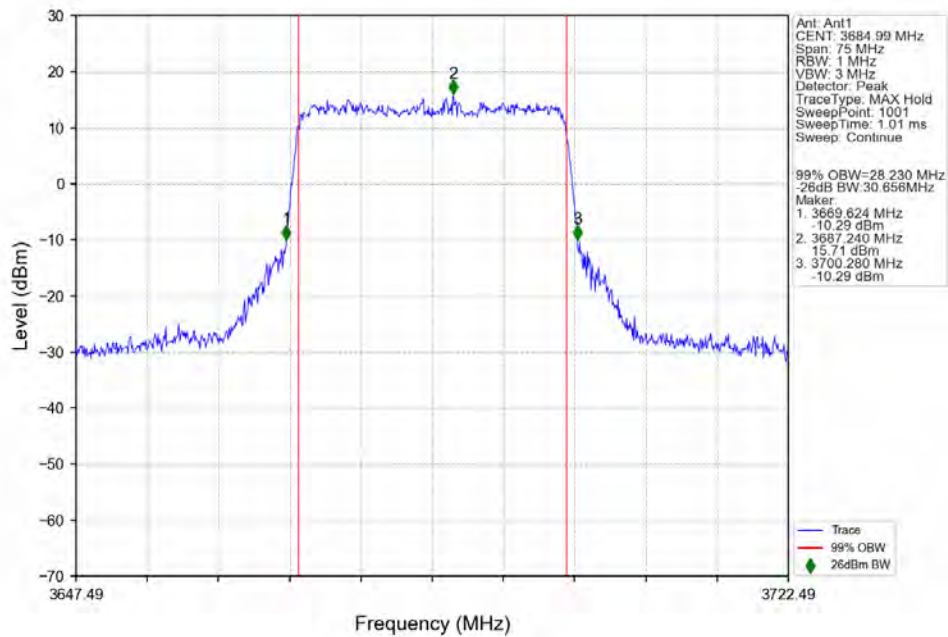


n48 30kHz SISO NTV 30MHz CP-OFDM 16 QAM 3624.99MHz Outer Full Ant1

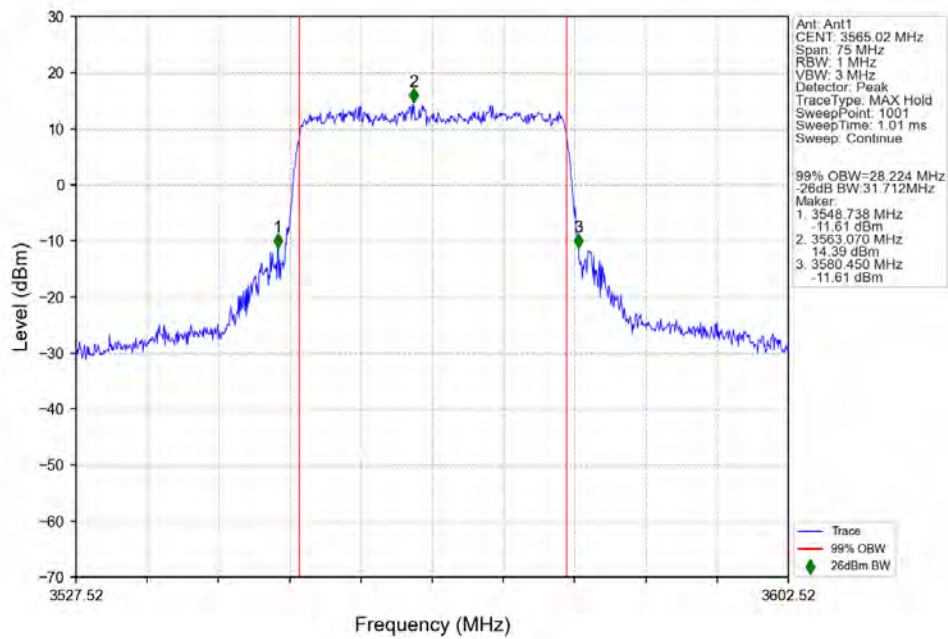




n48 30kHz SISO NTV 30MHz CP-OFDM 16 QAM 3684.99MHz Outer Full Ant1

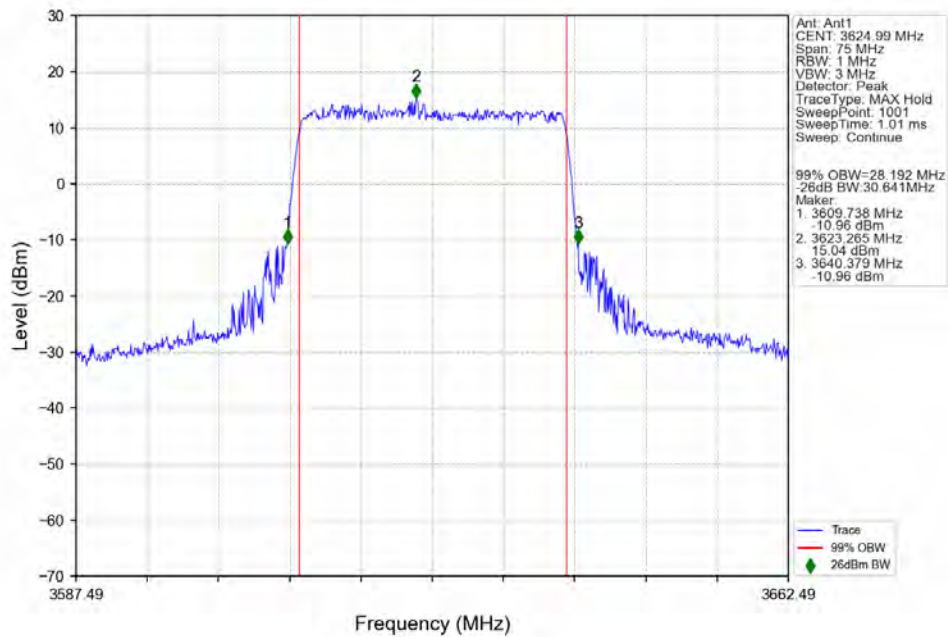


n48 30kHz SISO NTV 30MHz CP-OFDM 64 QAM 3565.02MHz Outer Full Ant1

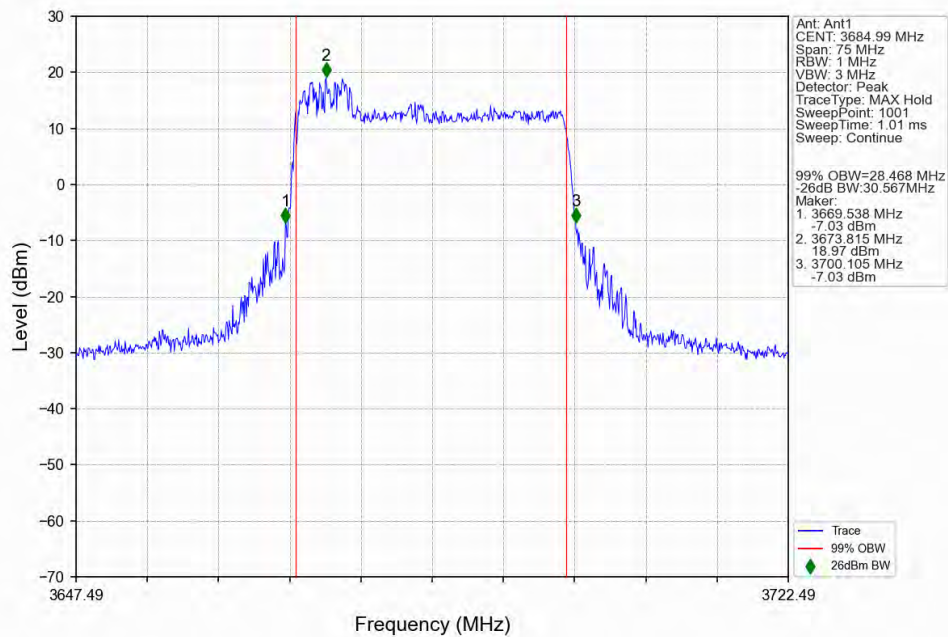




n48 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3624.99MHz Outer Full Ant1

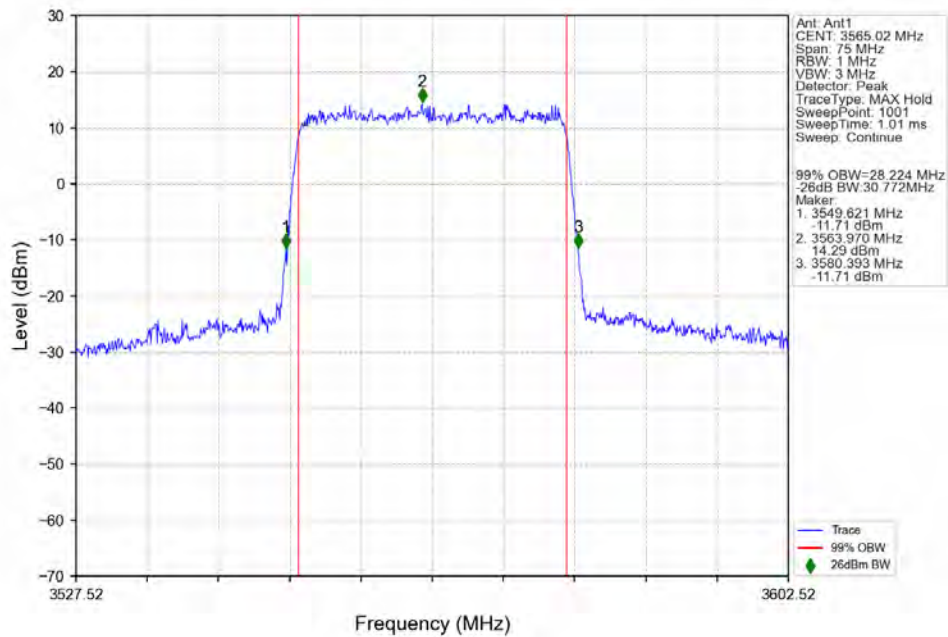


n48 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3684.99MHz Outer Full Ant1

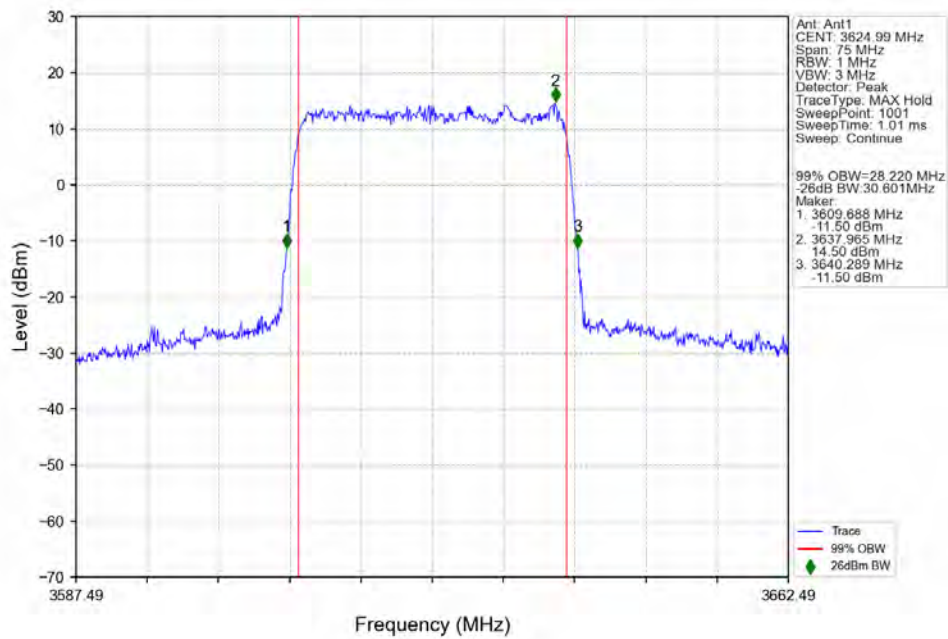




n48 30kHz SISO NTV 30MHz CP-OFDM 256 QAM 3565.02MHz Outer Full Ant1



n48 30kHz SISO NTV 30MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant1



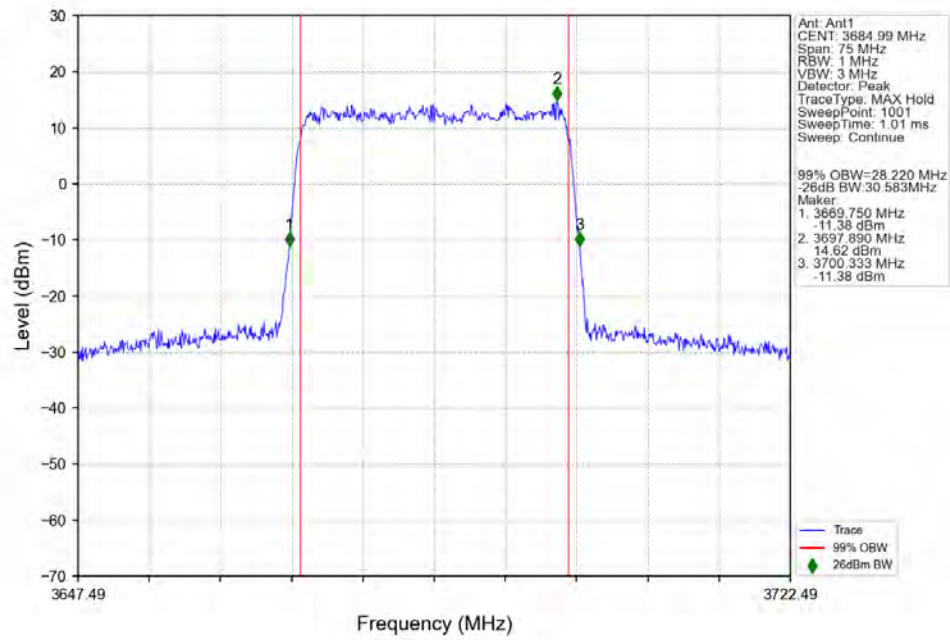


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No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

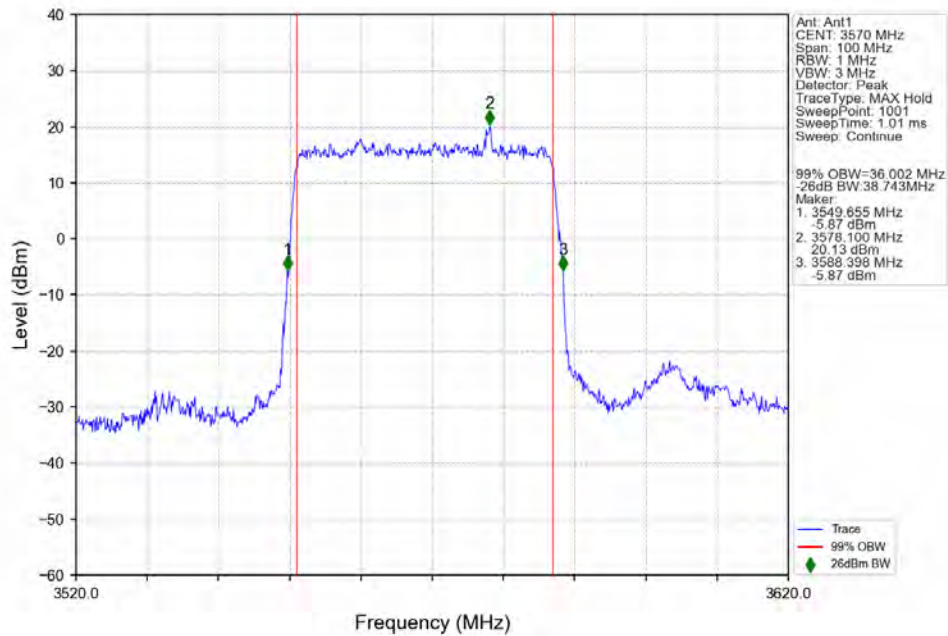
n48 30kHz SISO_NTNV 30MHz CP-OFDM 256 QAM 3684.99MHz Outer Full Ant1



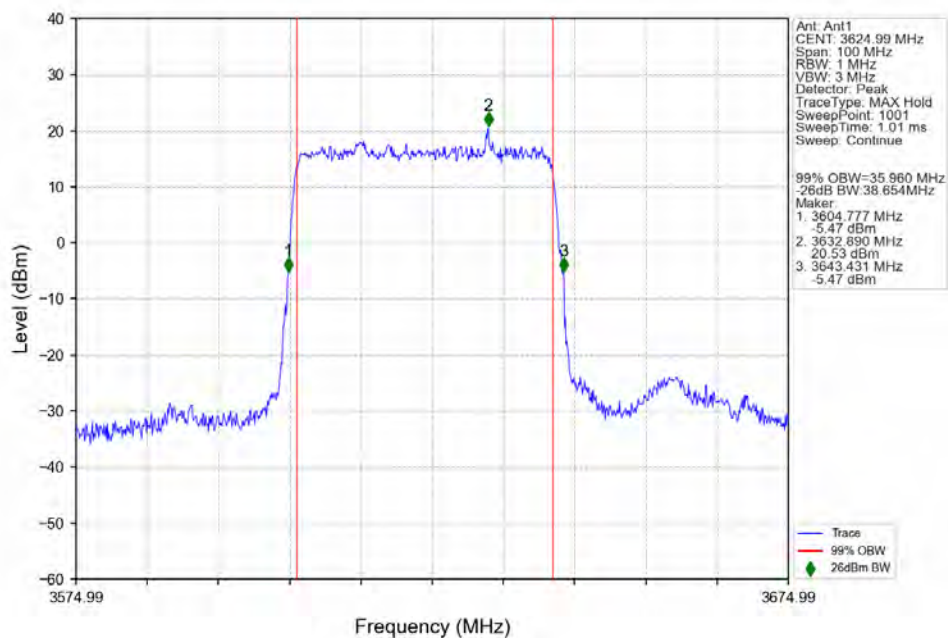


4.2.4 30k_SISO_40MHz_NTNV

n48 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3570MHz Outer Full Ant1

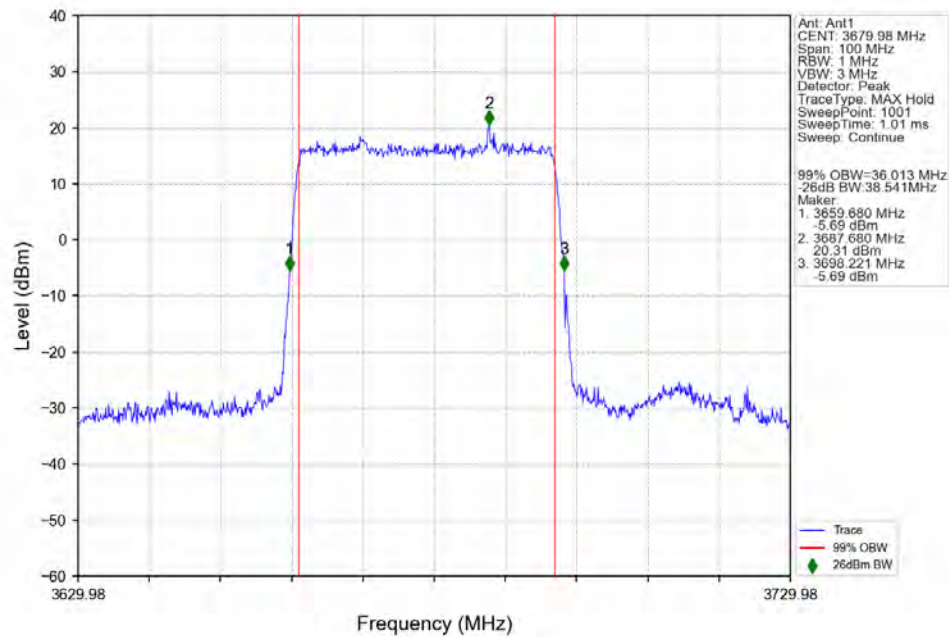


n48 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

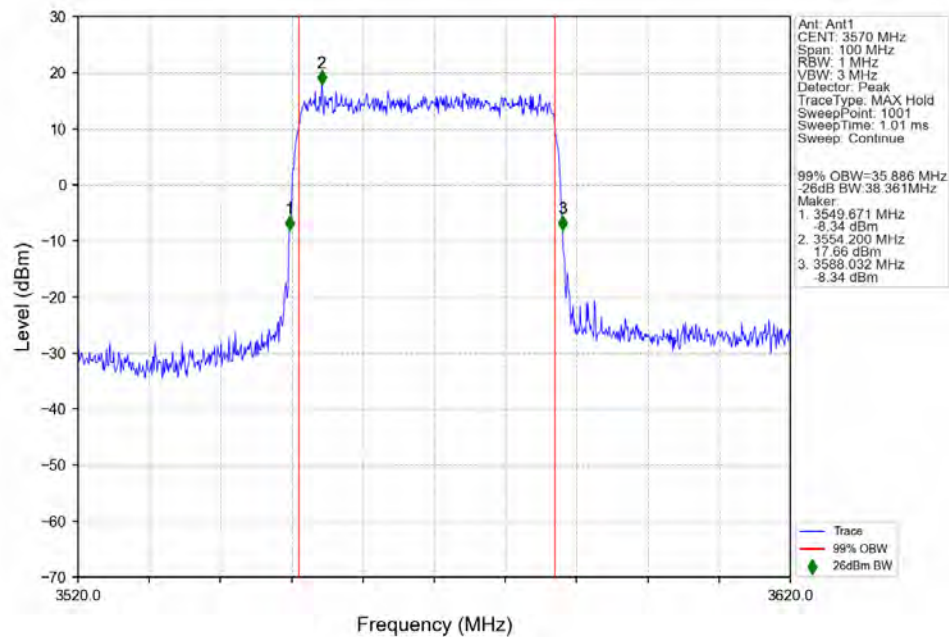




n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3679.98MHz_Outer_Full_Ant1

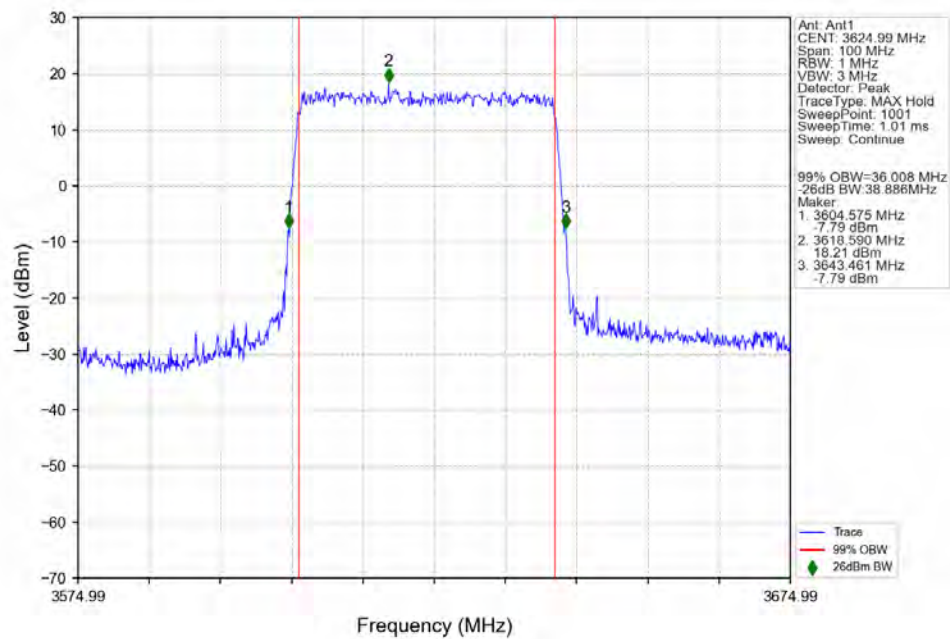


n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3570MHz_Outer_Full_Ant1

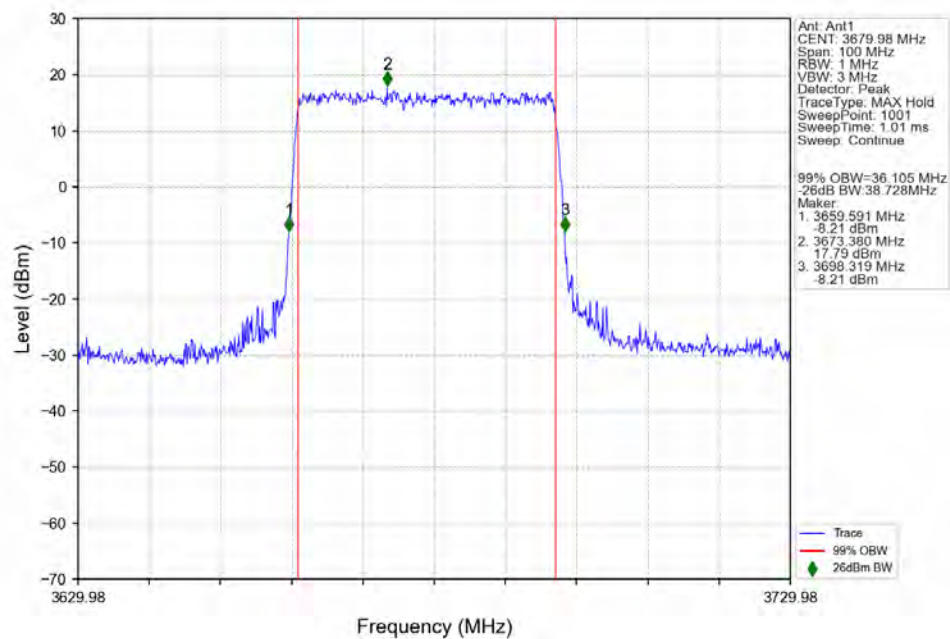




n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1

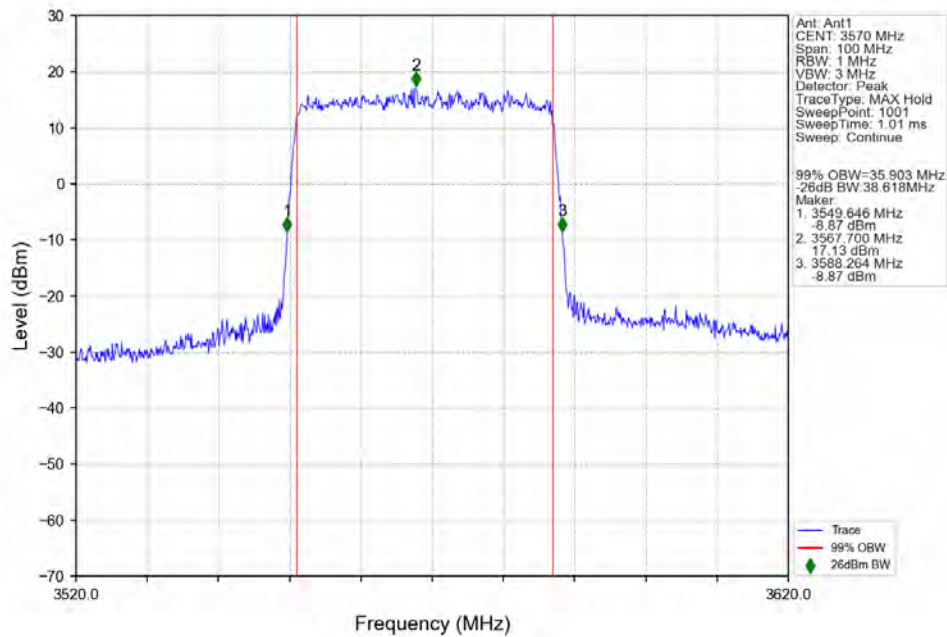


n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3679.98MHz_Outer_Full_Ant1

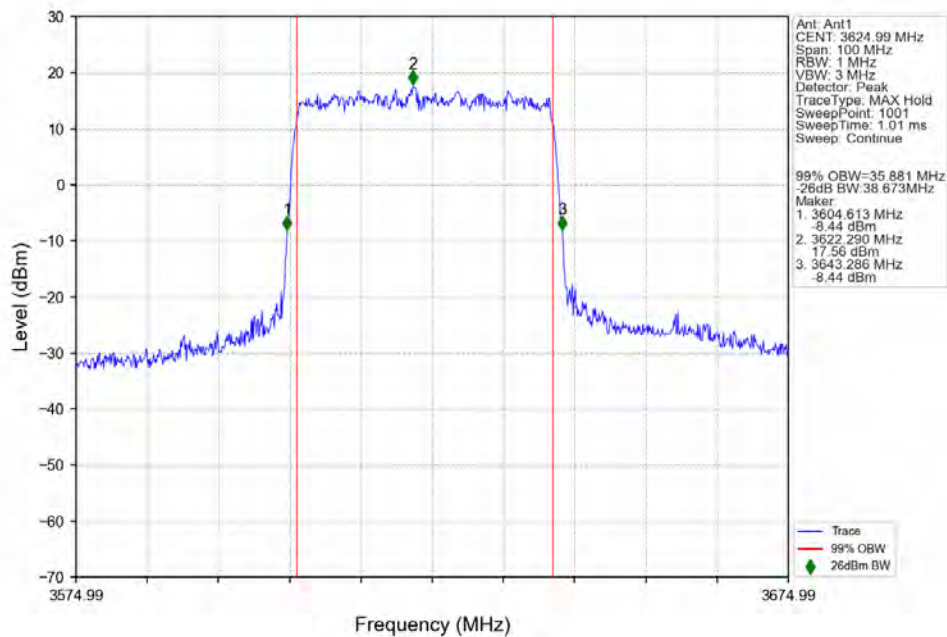




n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3570MHz_Outer_Full_Ant1

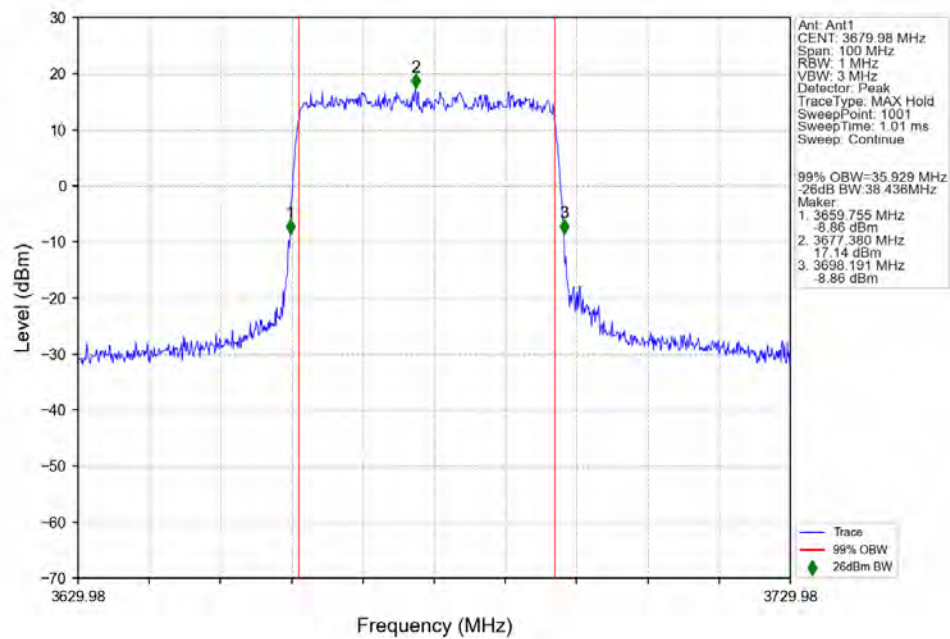


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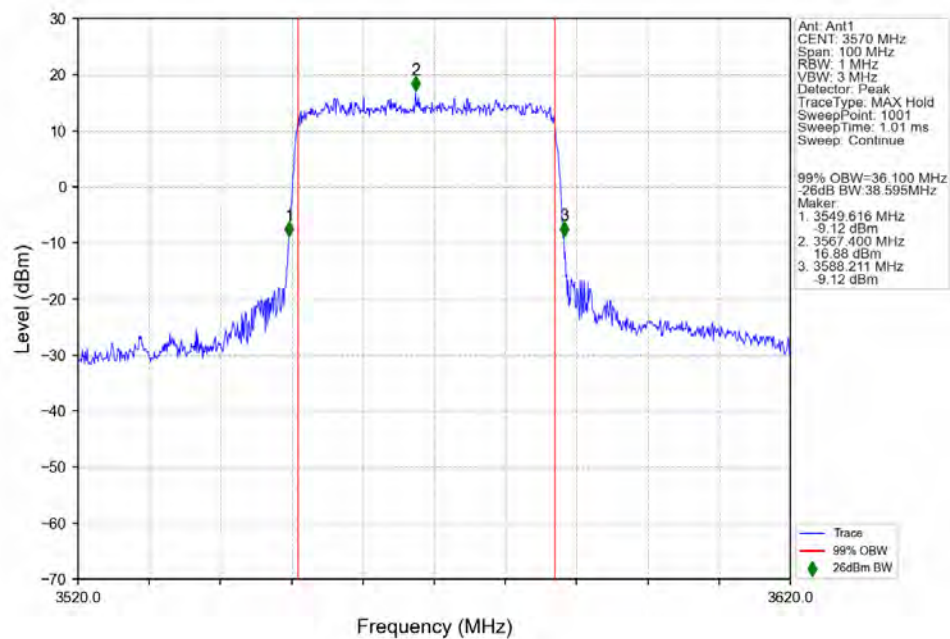




n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3679.98MHz_Outer_Full_Ant1

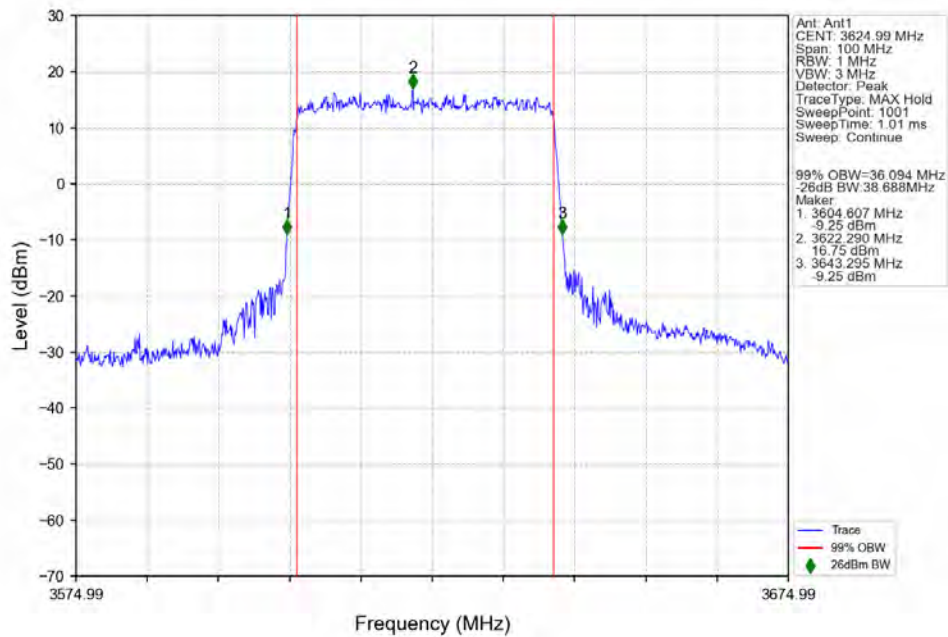


n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3570MHz_Outer_Full_Ant1

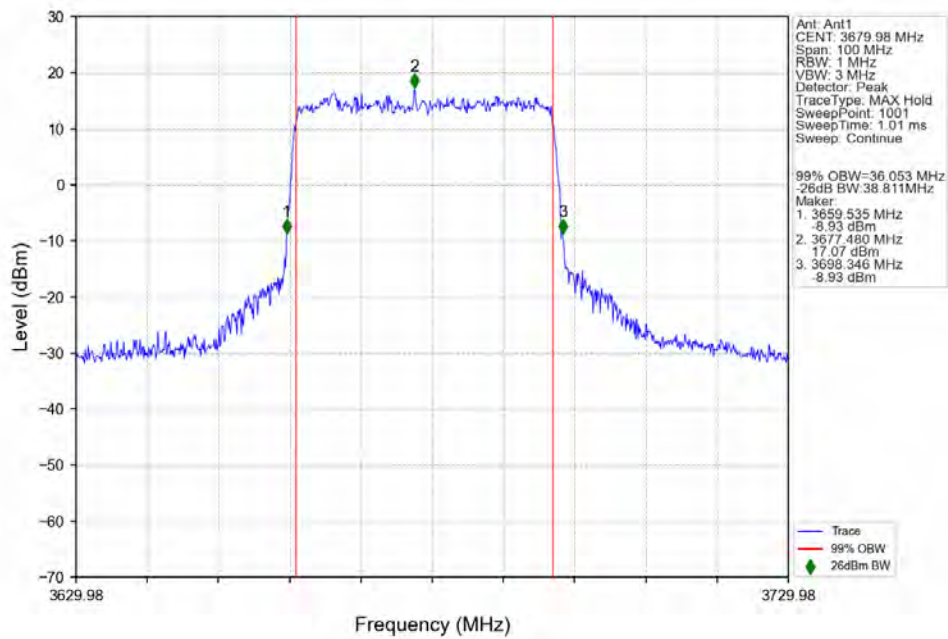




n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1

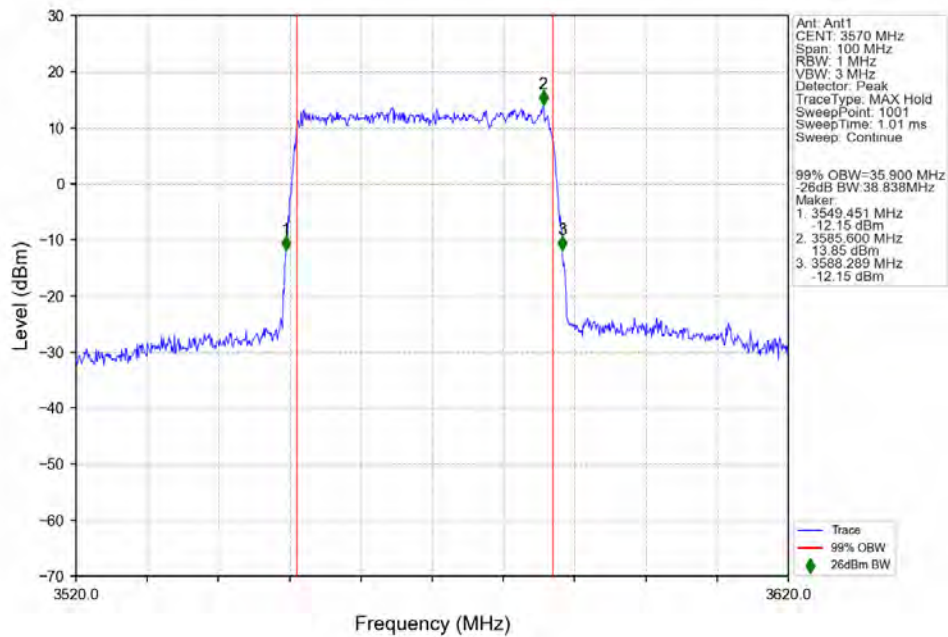


n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3679.98MHz_Outer_Full_Ant1

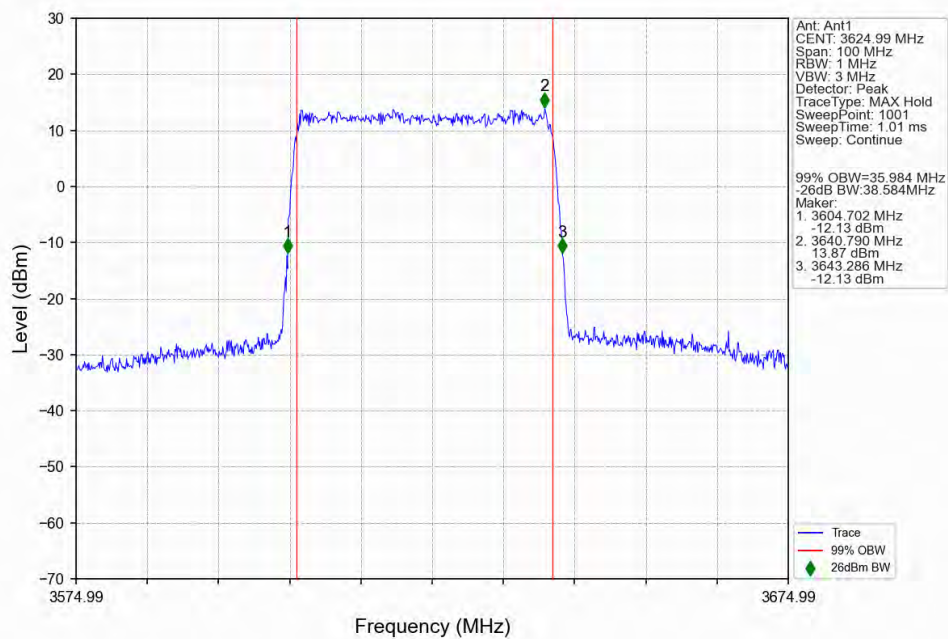




n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3570MHz Outer Full Ant1



n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1



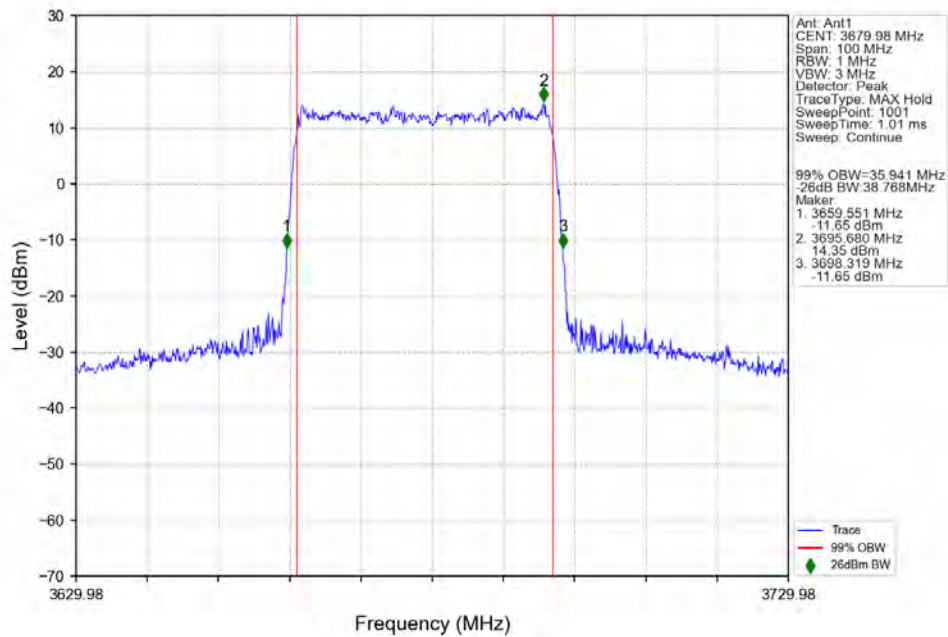


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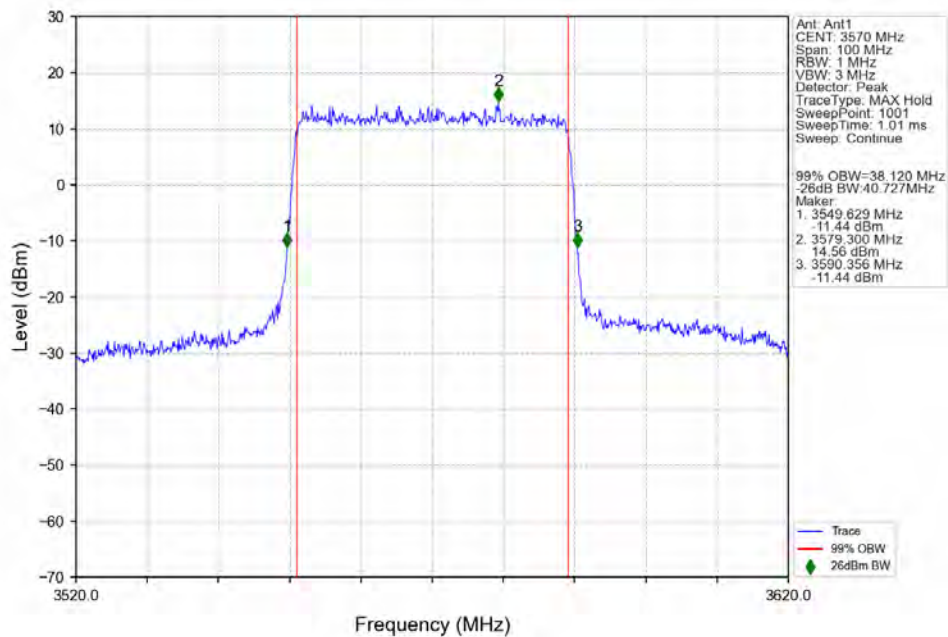
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3679.98MHz Outer Full Ant1

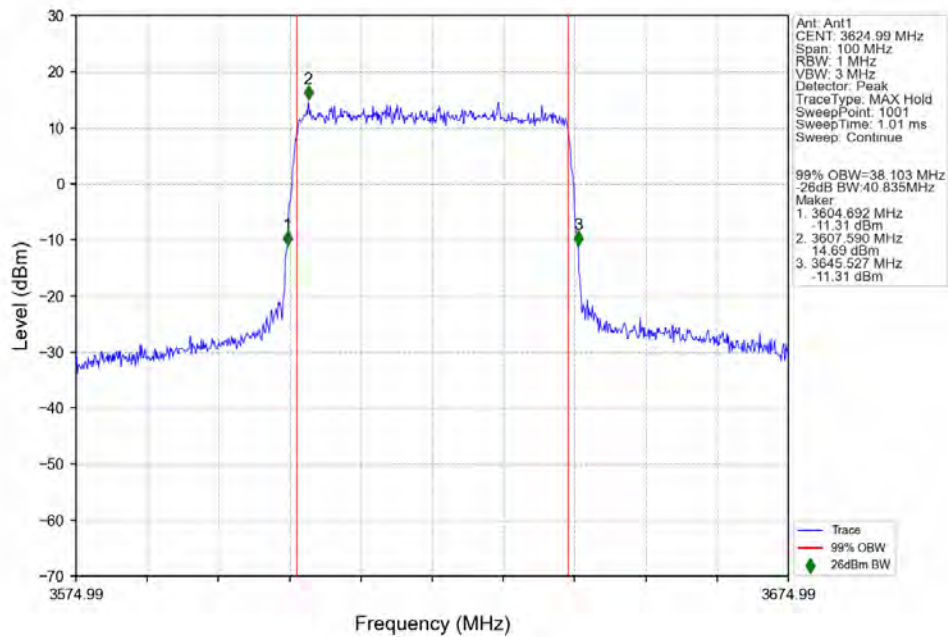


n48 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Outer Full Ant1

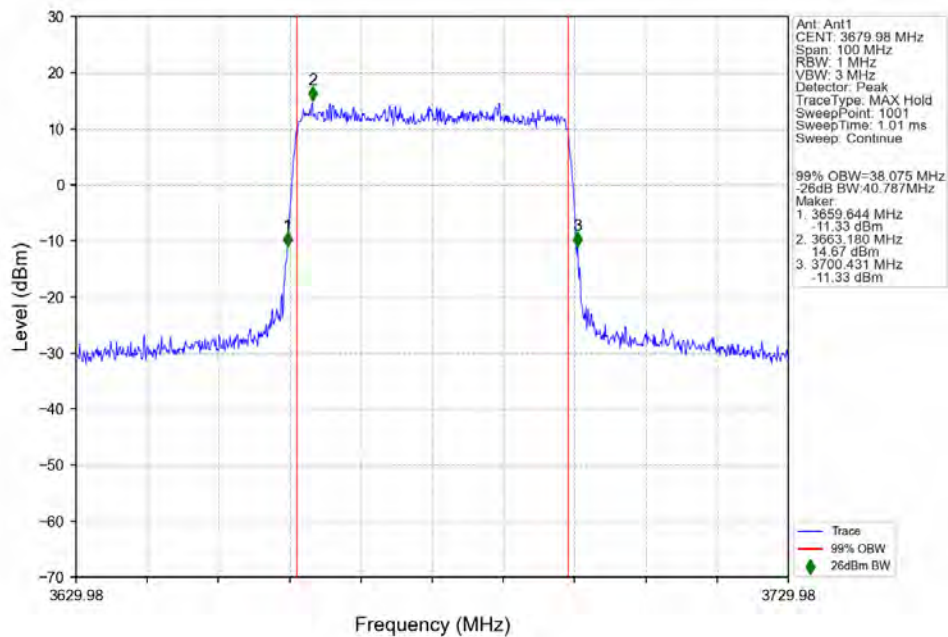




n48 30kHz SISO NTNv 40MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1

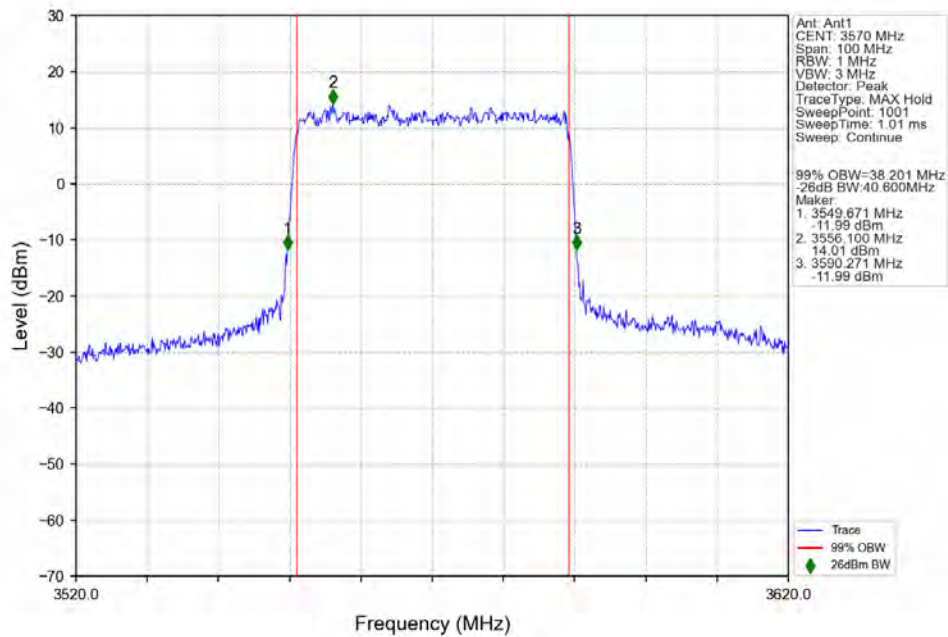


n48 30kHz SISO NTNv 40MHz CP-OFDM QPSK 3679.98MHz Outer Full Ant1

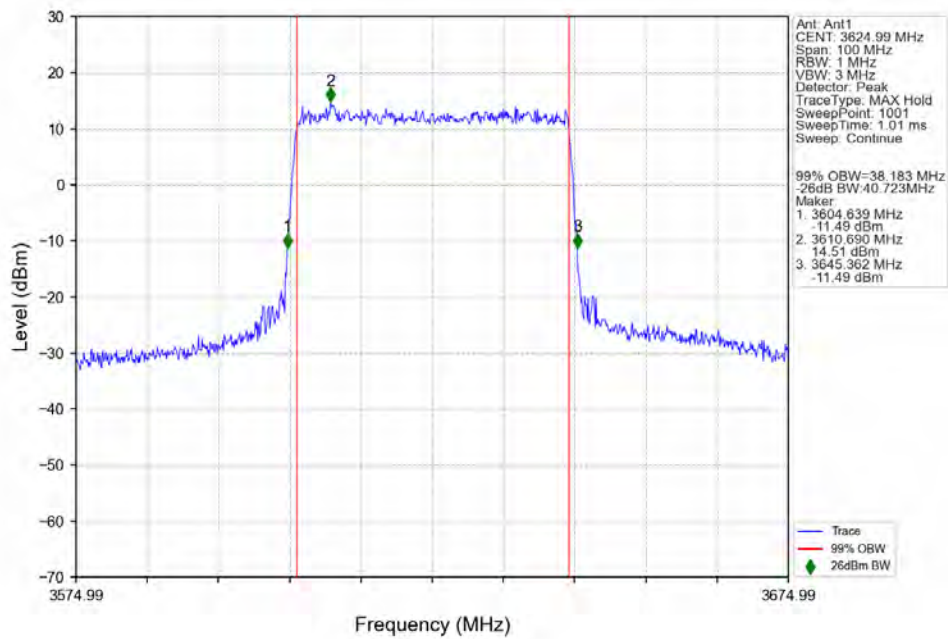




n48 30kHz SISO NTV 40MHz CP-OFDM 16 QAM 3570MHz Outer Full Ant1



n48 30kHz SISO NTV 40MHz CP-OFDM 16 QAM 3624.99MHz Outer Full Ant1



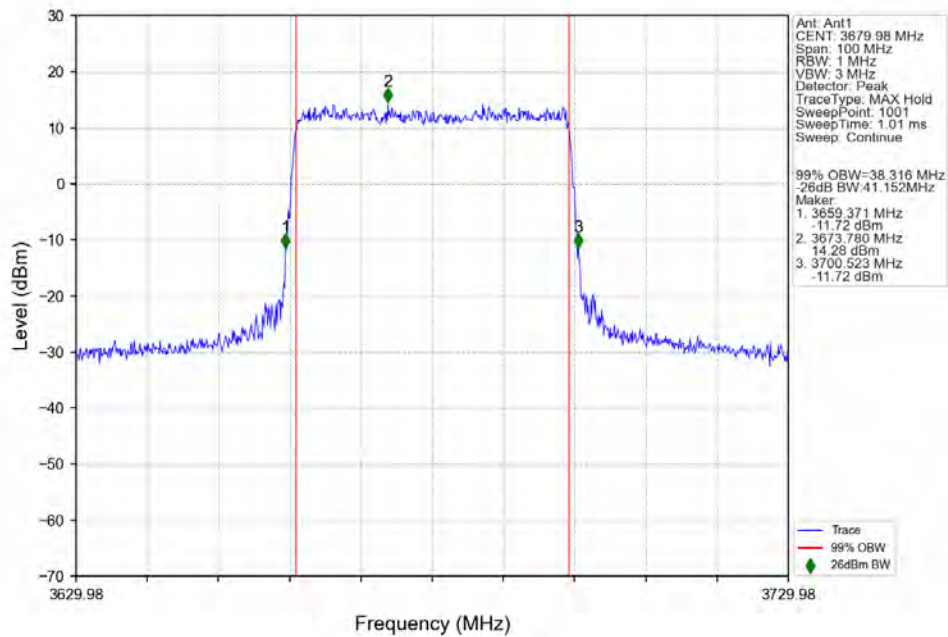


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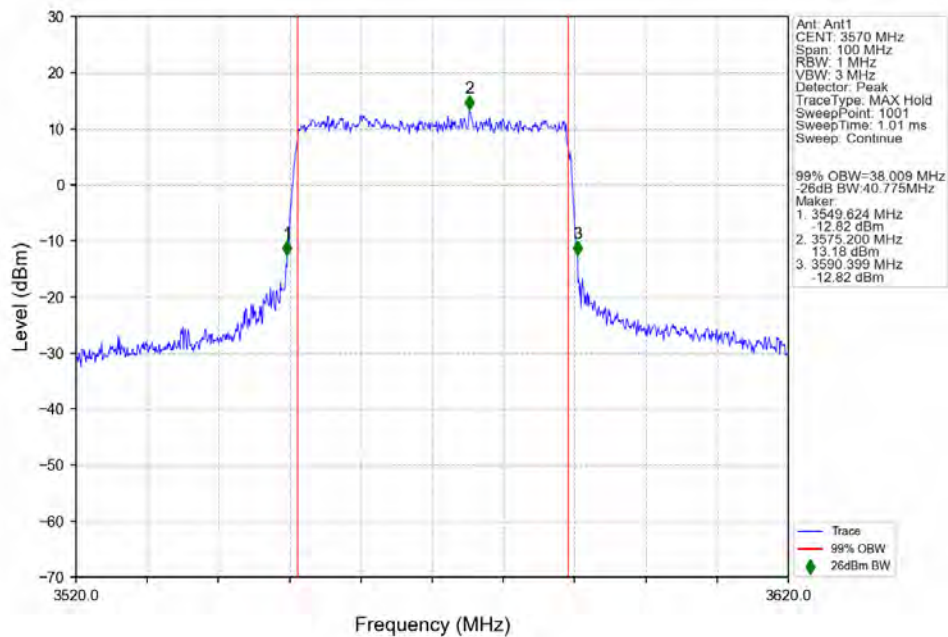
No.: PBJ-NQN2412130113RF02

FCC ID: 2AANY-IR624

n48 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3679.98MHz Outer Full Ant1



n48 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3570MHz Outer Full Ant1



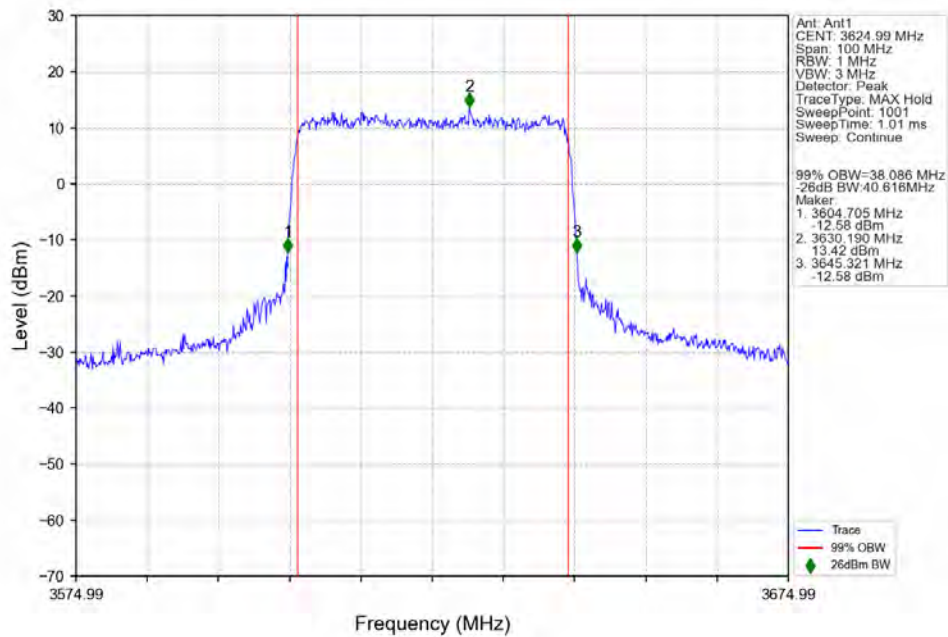


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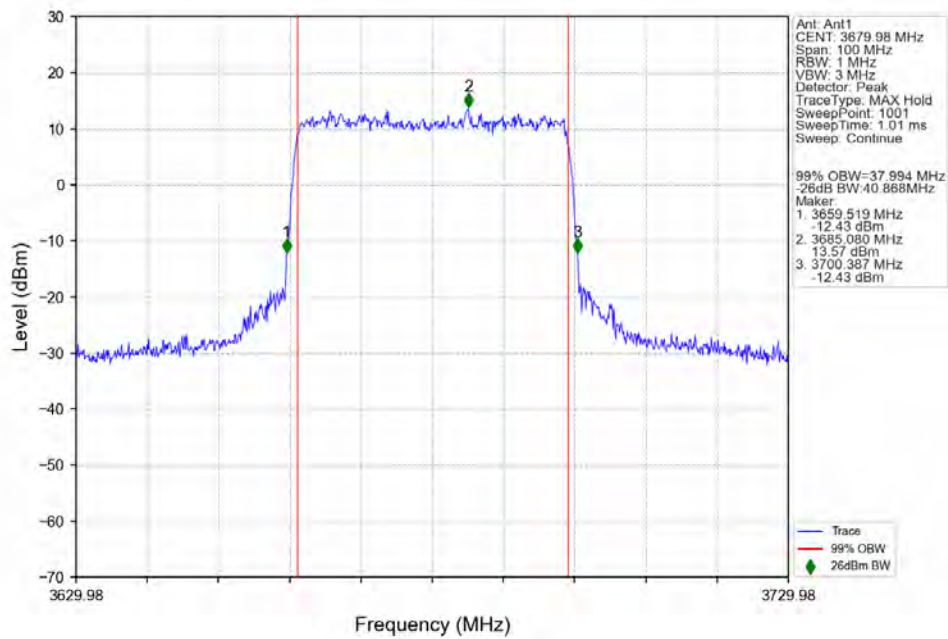
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FCC ID: 2AANY-IR624

n48 30kHz SISO NTNV 40MHz CP-OFDM 64 QAM 3624.99MHz Outer Full Ant1

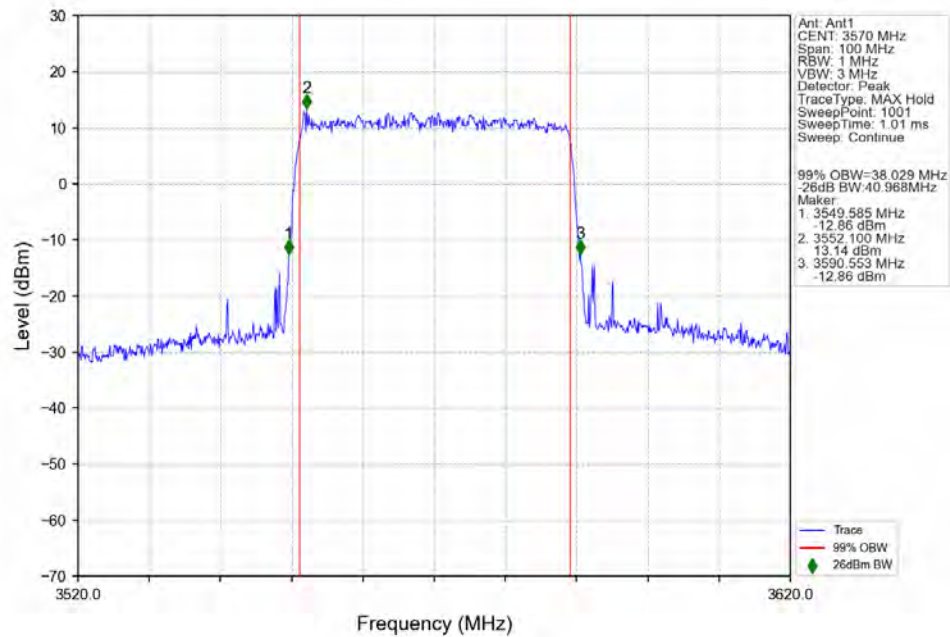


n48 30kHz SISO NTNV 40MHz CP-OFDM 64 QAM 3679.98MHz Outer Full Ant1

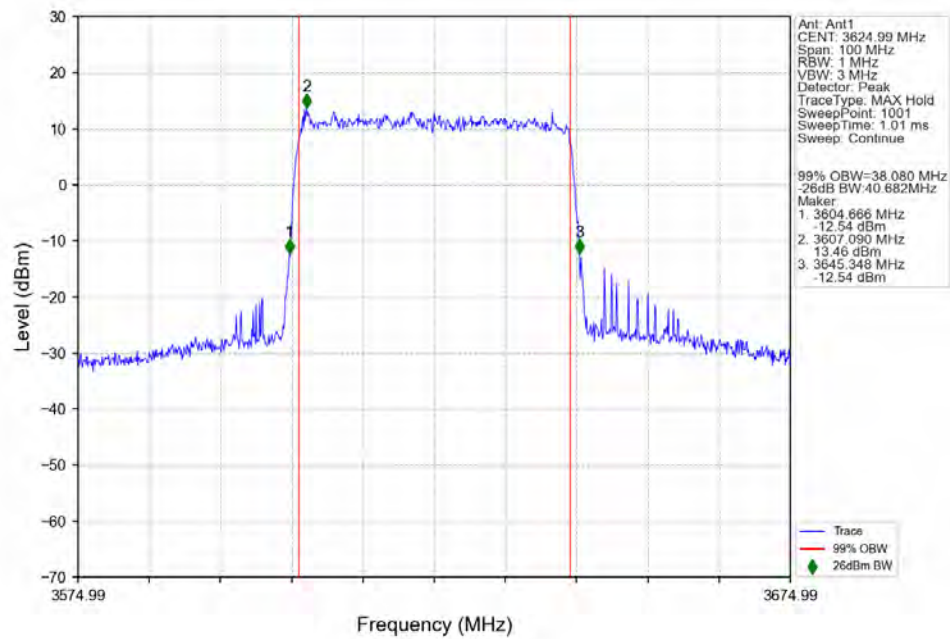




n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant1

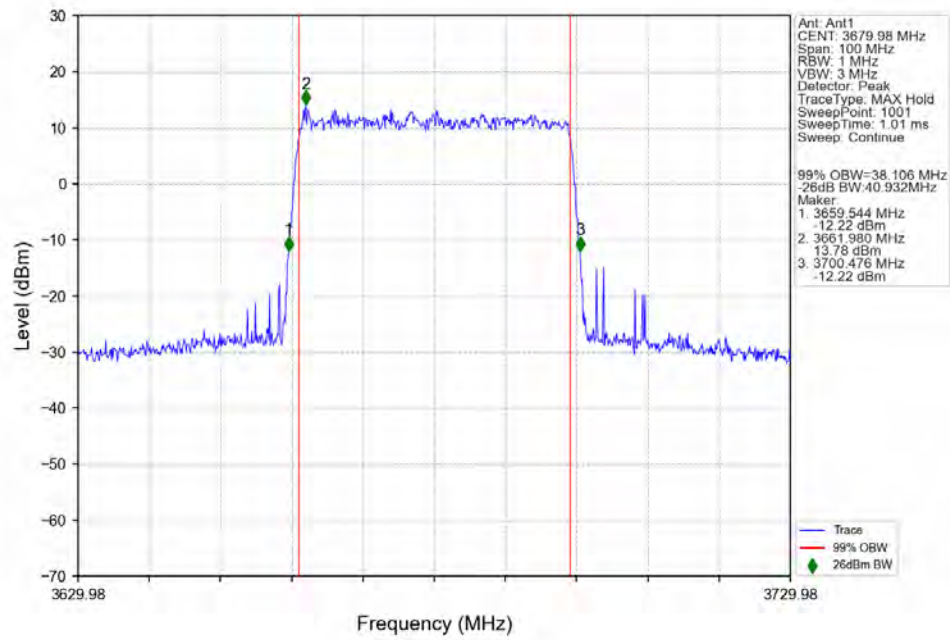




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No.: PBJ-NQN2412130113RF02
FCC ID: 2AANY-IR624

n48 30kHz SISO_NTNV 40MHz CP-OFDM 256 QAM 3679.98MHz Outer Full Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Outer Full	4.64	/	/	<=13	Pass
	3624.99	Outer Full	4.58	/	/	<=13	Pass
	3694.98	Outer Full	4.38	/	/	<=13	Pass
DFT-s-OFDM QPSK	3555	Outer Full	5.52	/	/	<=13	Pass
	3624.99	Outer Full	5.08	/	/	<=13	Pass
	3694.98	Outer Full	5.12	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3555	Outer Full	6.42	/	/	<=13	Pass
	3624.99	Outer Full	6.12	/	/	<=13	Pass
	3694.98	Outer Full	6.08	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3555	Outer Full	6.50	/	/	<=13	Pass
	3624.99	Outer Full	6.58	/	/	<=13	Pass
	3694.98	Outer Full	6.34	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3555	Outer Full	6.92	/	/	<=13	Pass
	3624.99	Outer Full	6.78	/	/	<=13	Pass
	3694.98	Outer Full	7.04	/	/	<=13	Pass
CP-OFDM QPSK	3555	Outer Full	7.22	/	/	<=13	Pass
	3624.99	Outer Full	7.68	/	/	<=13	Pass
	3694.98	Outer Full	7.30	/	/	<=13	Pass
CP-OFDM 16 QAM	3555	Outer Full	7.16	/	/	<=13	Pass
	3624.99	Outer Full	7.44	/	/	<=13	Pass
	3694.98	Outer Full	6.98	/	/	<=13	Pass
CP-OFDM 64 QAM	3555	Outer Full	8.00	/	/	<=13	Pass
	3624.99	Outer Full	7.20	/	/	<=13	Pass
	3694.98	Outer Full	7.82	/	/	<=13	Pass
CP-OFDM 256 QAM	3555	Outer Full	8.12	/	/	<=13	Pass
	3624.99	Outer Full	8.26	/	/	<=13	Pass
	3694.98	Outer Full	8.22	/	/	<=13	Pass

5.1.2 30k_SISO_20MHz_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Outer Full	4.60	/	/	<=13	Pass
	3624.99	Outer Full	4.44	/	/	<=13	Pass
	3690	Outer Full	4.44	/	/	<=13	Pass
DFT-s-OFDM QPSK	3560.01	Outer Full	5.42	/	/	<=13	Pass
	3624.99	Outer Full	5.20	/	/	<=13	Pass
	3690	Outer Full	5.22	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer Full	6.16	/	/	<=13	Pass
	3624.99	Outer Full	6.04	/	/	<=13	Pass
	3690	Outer Full	6.20	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer Full	6.48	/	/	<=13	Pass
	3624.99	Outer Full	6.56	/	/	<=13	Pass
	3690	Outer Full	6.48	/	/	<=13	Pass



DFT-s-OFDM 256 QAM	3560.01	Outer Full	7.00	/	/	<=13	Pass
	3624.99	Outer Full	7.00	/	/	<=13	Pass
	3690	Outer Full	7.04	/	/	<=13	Pass
CP-OFDM QPSK	3560.01	Outer Full	7.58	/	/	<=13	Pass
	3624.99	Outer Full	6.94	/	/	<=13	Pass
	3690	Outer Full	7.24	/	/	<=13	Pass
CP-OFDM 16 QAM	3560.01	Outer Full	6.70	/	/	<=13	Pass
	3624.99	Outer Full	7.22	/	/	<=13	Pass
	3690	Outer Full	7.36	/	/	<=13	Pass
CP-OFDM 64 QAM	3560.01	Outer Full	7.48	/	/	<=13	Pass
	3624.99	Outer Full	7.76	/	/	<=13	Pass
	3690	Outer Full	7.52	/	/	<=13	Pass
CP-OFDM 256 QAM	3560.01	Outer Full	8.56	/	/	<=13	Pass
	3624.99	Outer Full	8.68	/	/	<=13	Pass
	3690	Outer Full	8.38	/	/	<=13	Pass

5.1.3 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Outer Full	4.60	/	/	<=13	Pass
	3624.99	Outer Full	4.40	/	/	<=13	Pass
	3684.99	Outer Full	4.44	/	/	<=13	Pass
DFT-s-OFDM QPSK	3565.02	Outer Full	5.30	/	/	<=13	Pass
	3624.99	Outer Full	5.04	/	/	<=13	Pass
	3684.99	Outer Full	4.78	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer Full	6.22	/	/	<=13	Pass
	3624.99	Outer Full	5.96	/	/	<=13	Pass
	3684.99	Outer Full	5.92	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer Full	6.72	/	/	<=13	Pass
	3624.99	Outer Full	6.58	/	/	<=13	Pass
	3684.99	Outer Full	6.42	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer Full	7.02	/	/	<=13	Pass
	3624.99	Outer Full	6.90	/	/	<=13	Pass
	3684.99	Outer Full	6.90	/	/	<=13	Pass
CP-OFDM QPSK	3565.02	Outer Full	7.36	/	/	<=13	Pass
	3624.99	Outer Full	7.56	/	/	<=13	Pass
	3684.99	Outer Full	7.54	/	/	<=13	Pass
CP-OFDM 16 QAM	3565.02	Outer Full	7.36	/	/	<=13	Pass
	3624.99	Outer Full	7.74	/	/	<=13	Pass
	3684.99	Outer Full	7.60	/	/	<=13	Pass
CP-OFDM 64 QAM	3565.02	Outer Full	7.54	/	/	<=13	Pass
	3624.99	Outer Full	7.60	/	/	<=13	Pass
	3684.99	Outer Full	7.50	/	/	<=13	Pass
CP-OFDM 256 QAM	3565.02	Outer Full	8.76	/	/	<=13	Pass
	3624.99	Outer Full	8.56	/	/	<=13	Pass
	3684.99	Outer Full	8.66	/	/	<=13	Pass

5.1.4 30k_SISO_40MHz_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTN				
Modulation	Frequency	RB	Peak-Average Ratio (dB)	Verdict



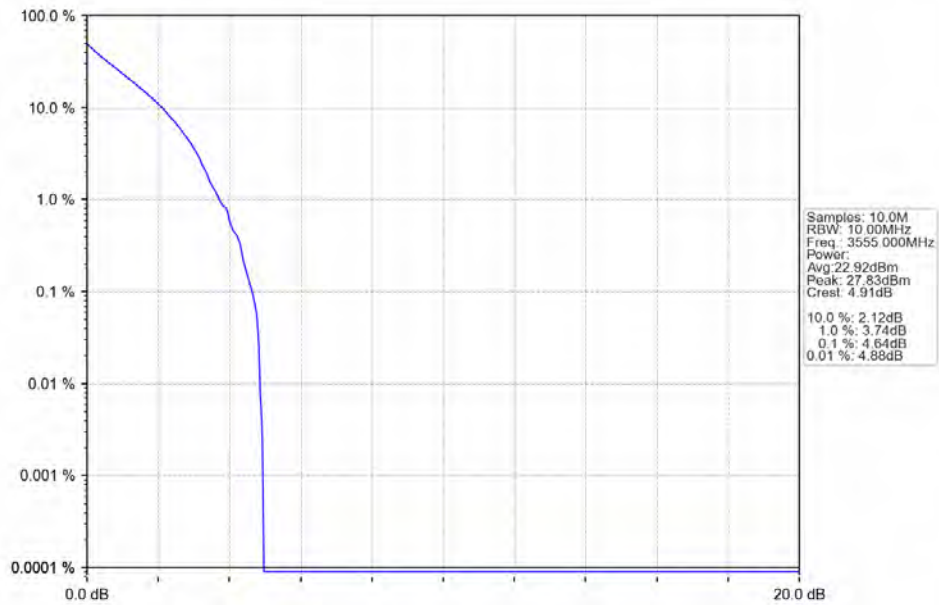
	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Outer Full	4.22	/	/	<=13	Pass
	3624.99	Outer Full	4.40	/	/	<=13	Pass
	3679.98	Outer Full	4.38	/	/	<=13	Pass
DFT-s-OFDM QPSK	3570	Outer Full	4.86	/	/	<=13	Pass
	3624.99	Outer Full	5.04	/	/	<=13	Pass
	3679.98	Outer Full	4.94	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3570	Outer Full	5.88	/	/	<=13	Pass
	3624.99	Outer Full	6.42	/	/	<=13	Pass
	3679.98	Outer Full	5.90	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3570	Outer Full	6.26	/	/	<=13	Pass
	3624.99	Outer Full	6.46	/	/	<=13	Pass
	3679.98	Outer Full	6.46	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3570	Outer Full	6.74	/	/	<=13	Pass
	3624.99	Outer Full	6.68	/	/	<=13	Pass
	3679.98	Outer Full	6.80	/	/	<=13	Pass
CP-OFDM QPSK	3570	Outer Full	6.88	/	/	<=13	Pass
	3624.99	Outer Full	7.34	/	/	<=13	Pass
	3679.98	Outer Full	7.44	/	/	<=13	Pass
CP-OFDM 16 QAM	3570	Outer Full	6.98	/	/	<=13	Pass
	3624.99	Outer Full	7.54	/	/	<=13	Pass
	3679.98	Outer Full	7.66	/	/	<=13	Pass
CP-OFDM 64 QAM	3570	Outer Full	7.34	/	/	<=13	Pass
	3624.99	Outer Full	7.30	/	/	<=13	Pass
	3679.98	Outer Full	7.46	/	/	<=13	Pass
CP-OFDM 256 QAM	3570	Outer Full	8.72	/	/	<=13	Pass
	3624.99	Outer Full	8.56	/	/	<=13	Pass
	3679.98	Outer Full	8.66	/	/	<=13	Pass



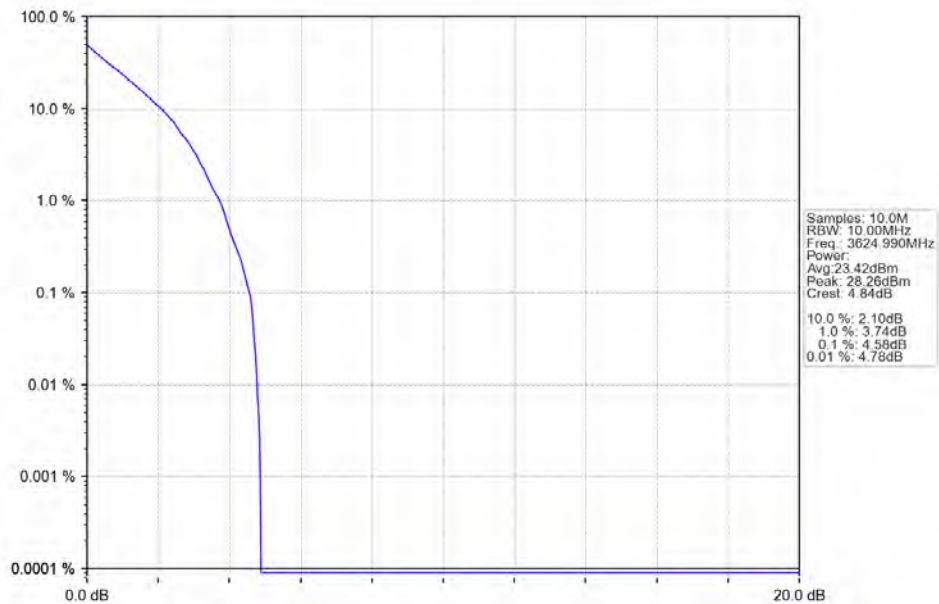
5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

n48 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3555MHz Outer Full Ant1

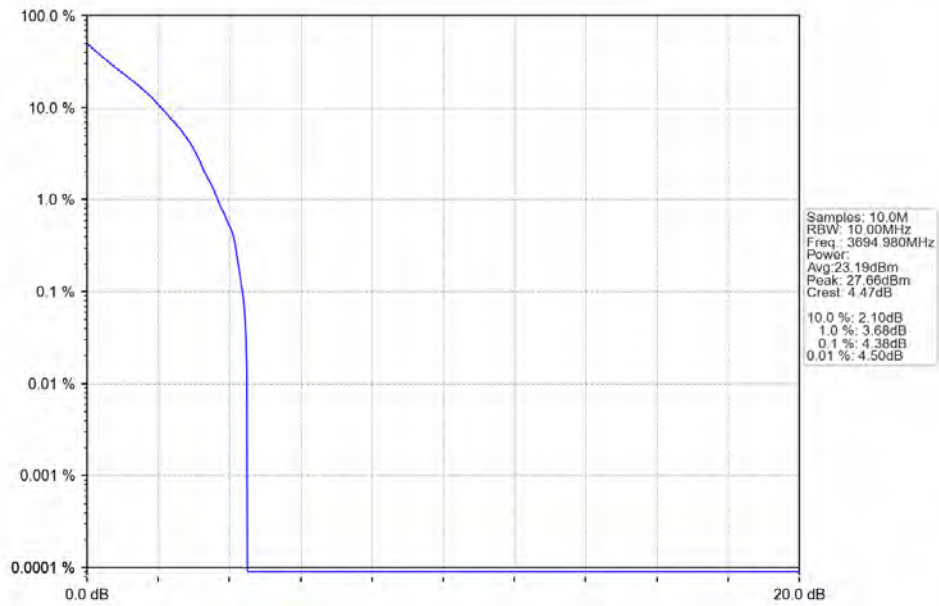


n48 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

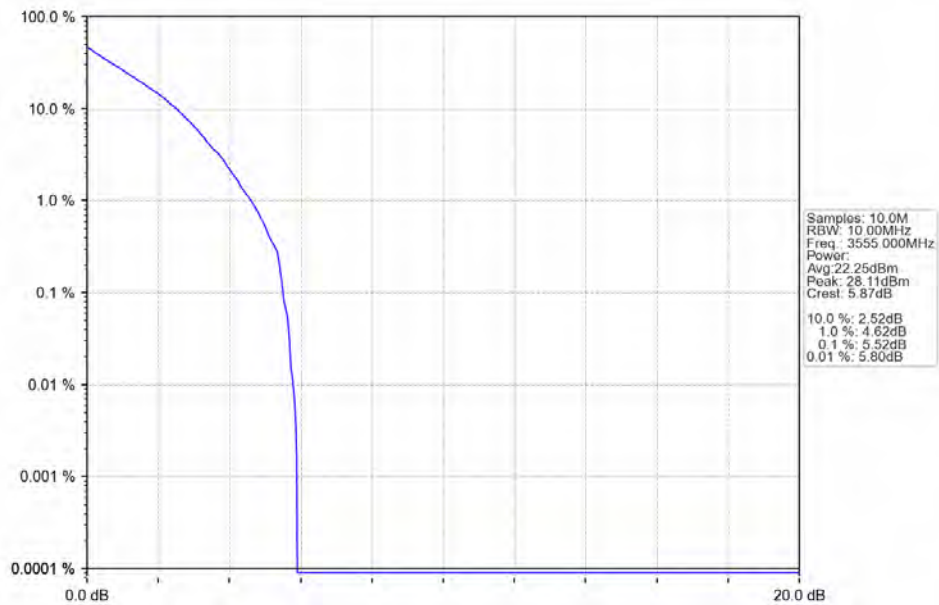




n48 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3694.98MHz Outer Full Ant1

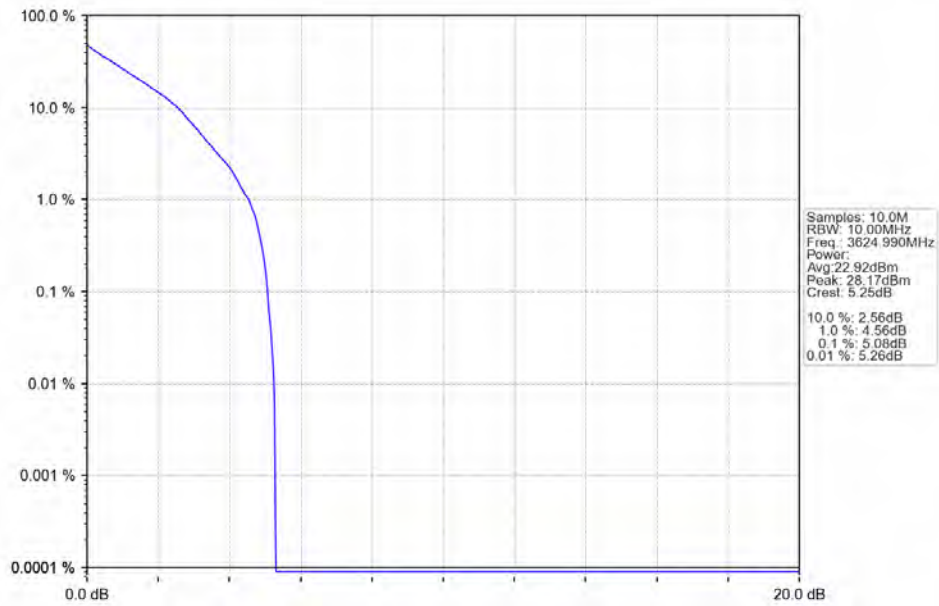


n48 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3555MHz Outer Full Ant1

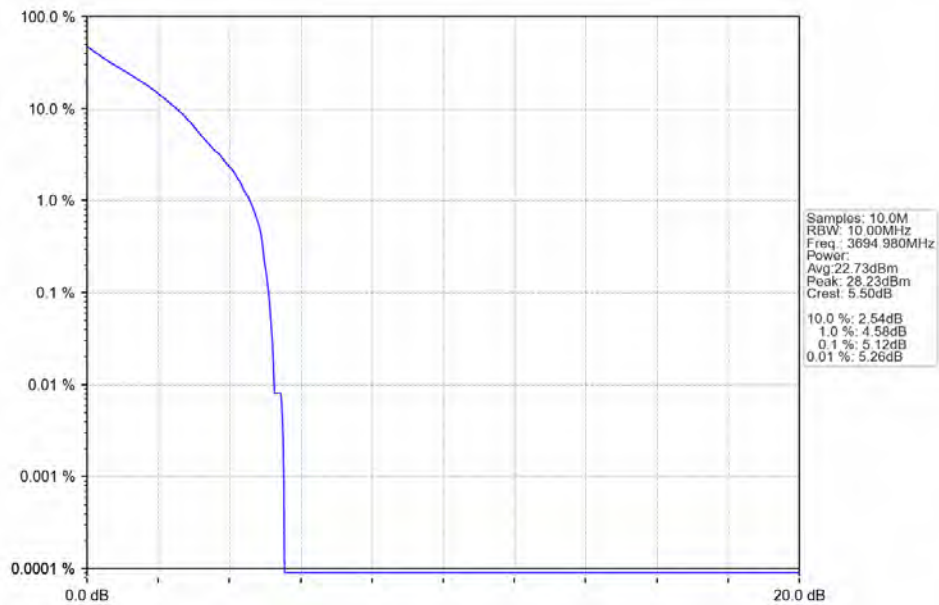




n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1

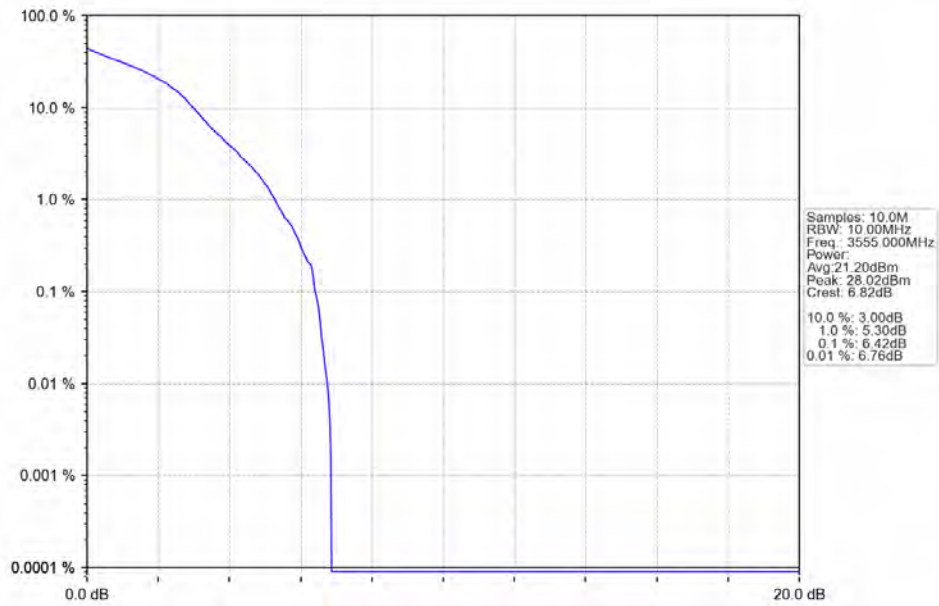


n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3694.98MHz_Outer_Full_Ant1

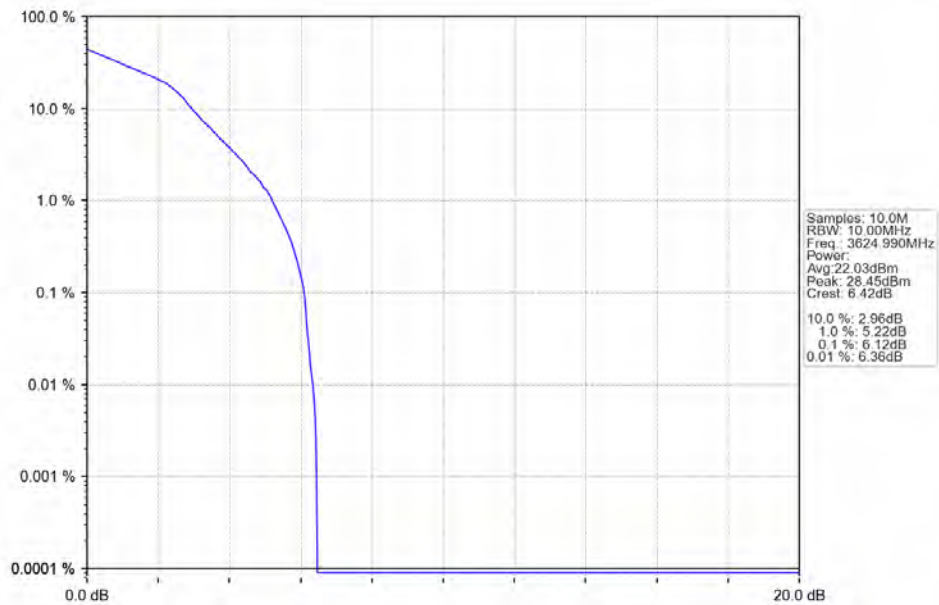




n48 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3555MHz Outer Full Ant1

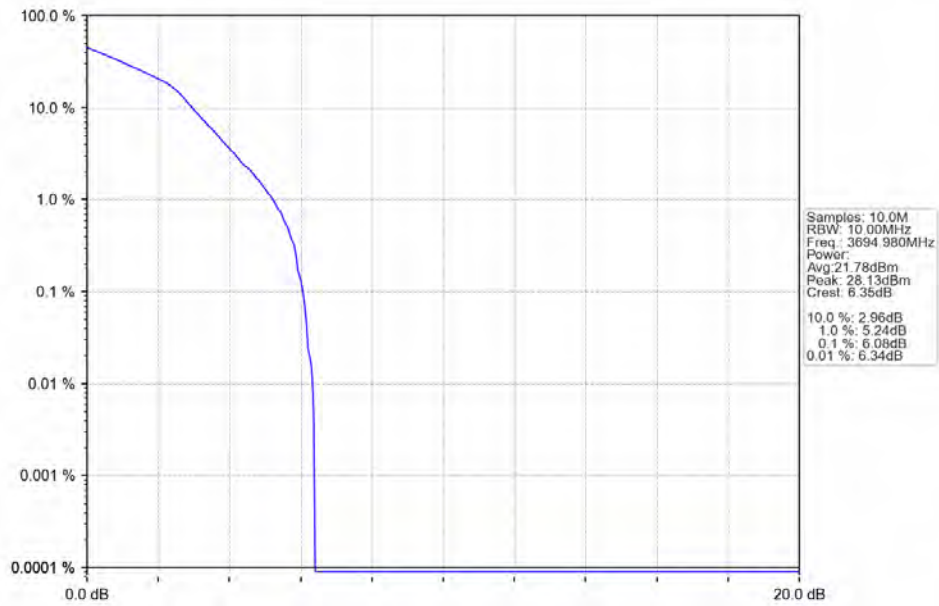


n48 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3624.99MHz Outer Full Ant1

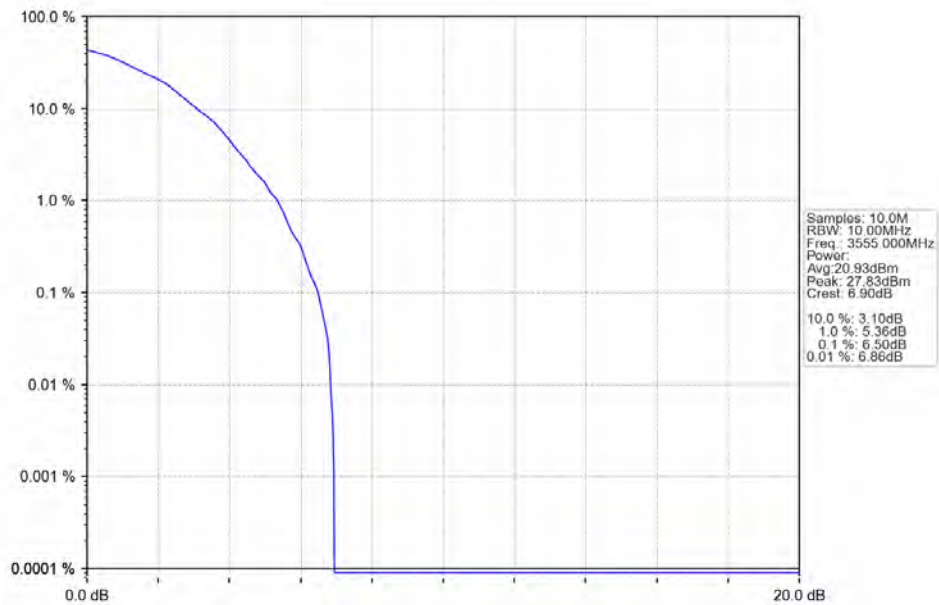




n48 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3694.98MHz Outer Full Ant1

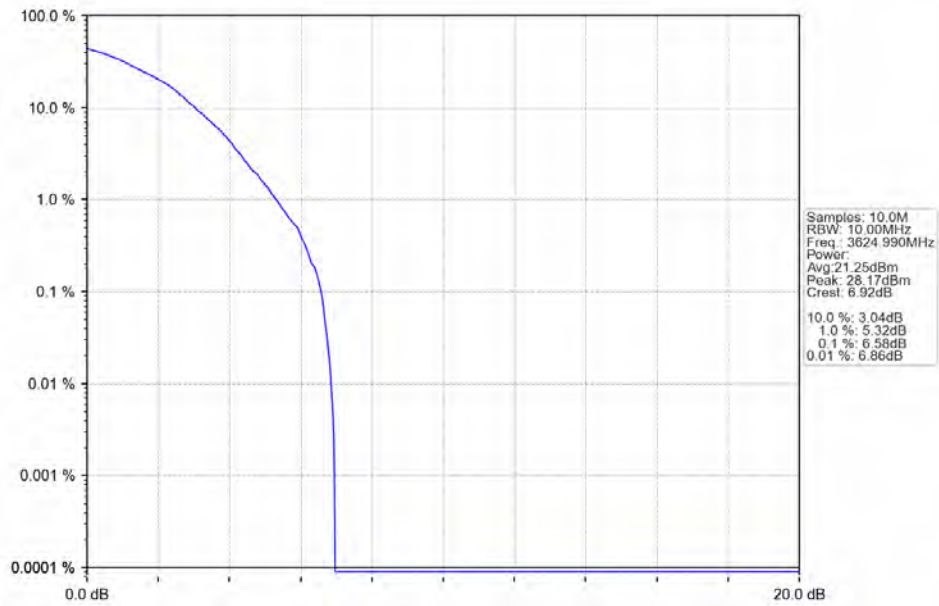


n48 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3555MHz Outer Full Ant1

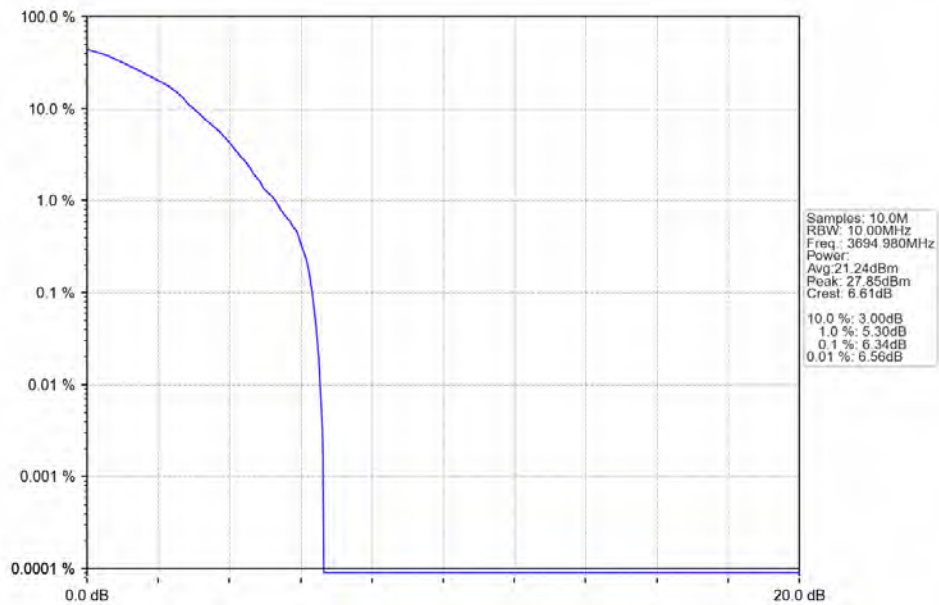




n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1

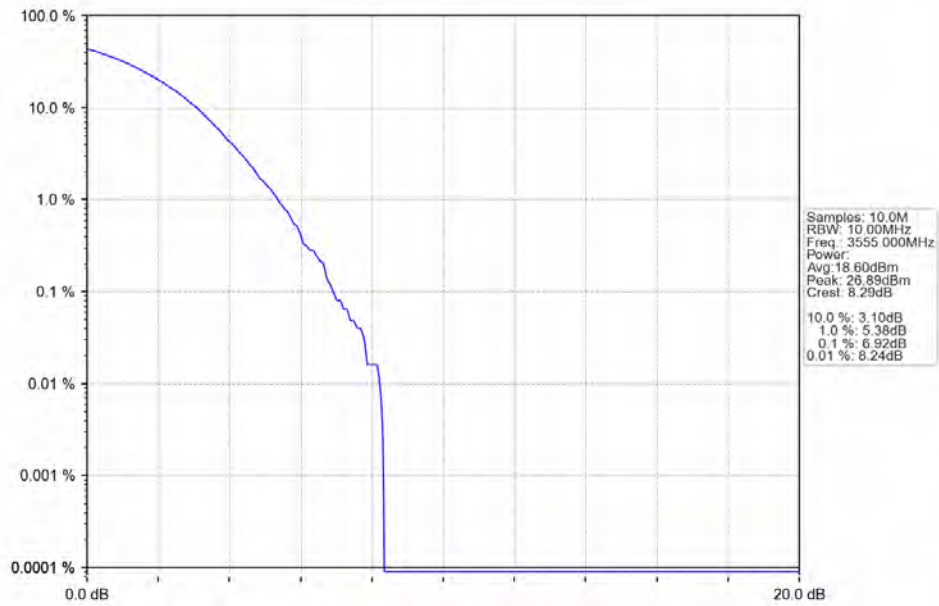


n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3694.98MHz_Outer_Full_Ant1

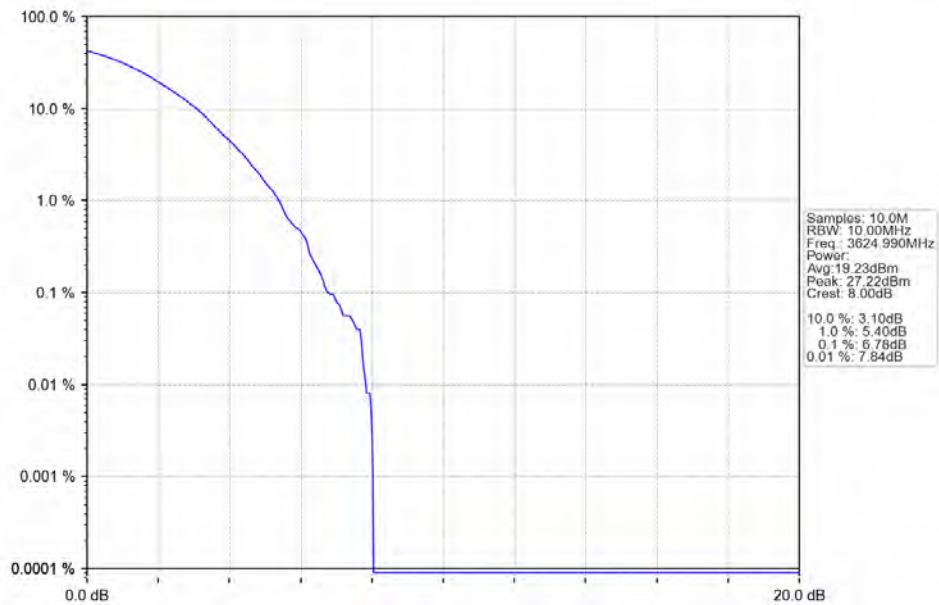




n48 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3555MHz Outer Full Ant1

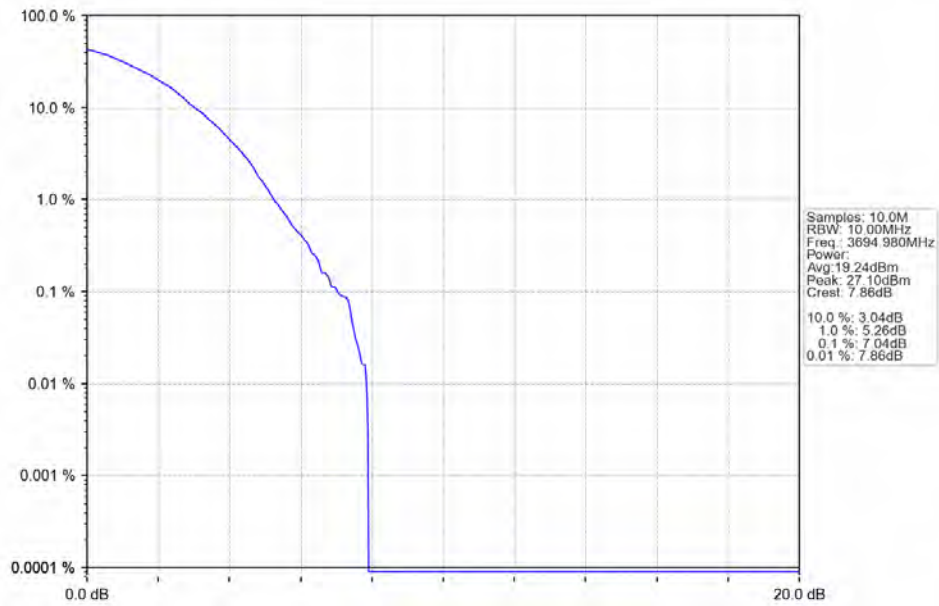


n48 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1

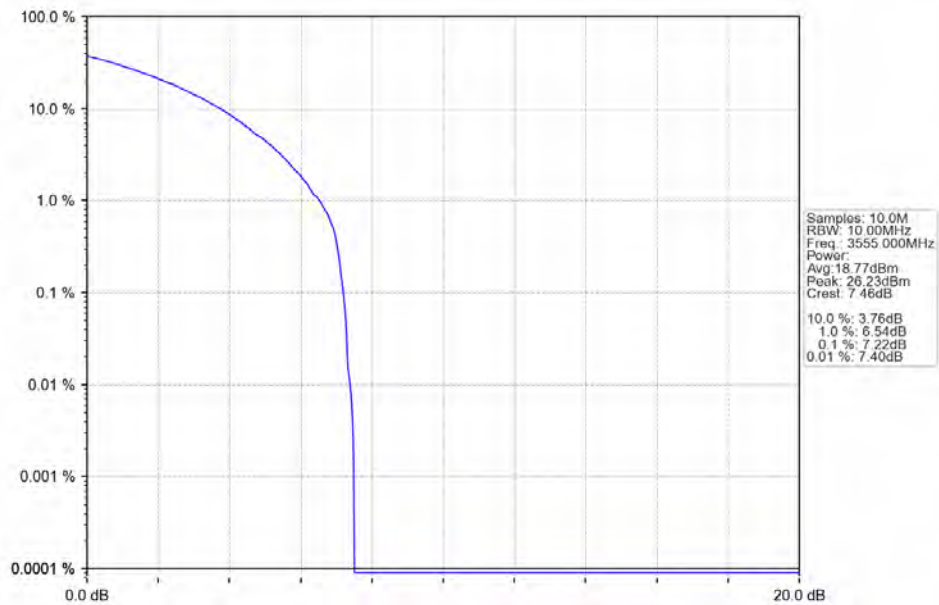




n48 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3694.98MHz Outer Full Ant1

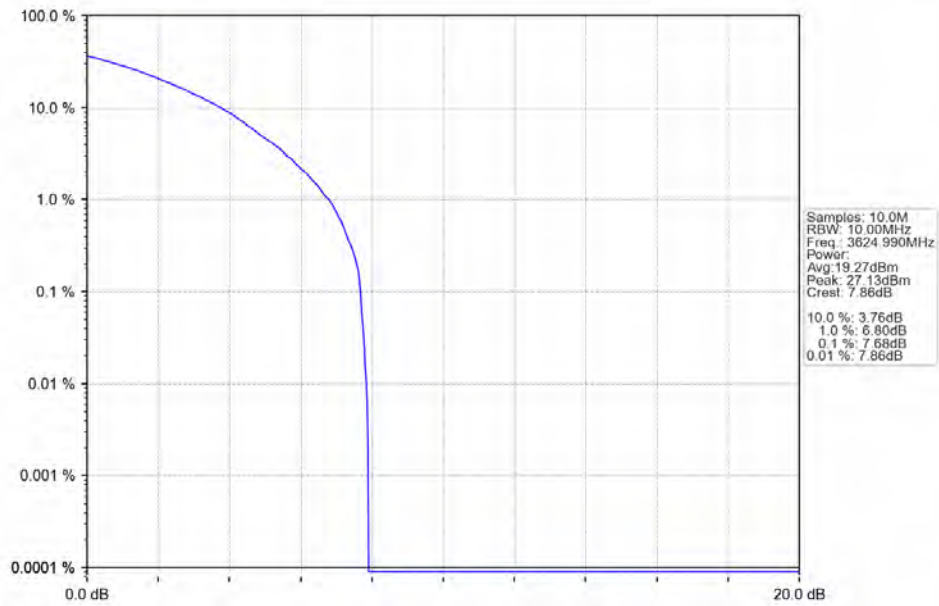


n48 30kHz SISO NTN 10MHz CP-OFDM QPSK 3555MHz Outer Full Ant1

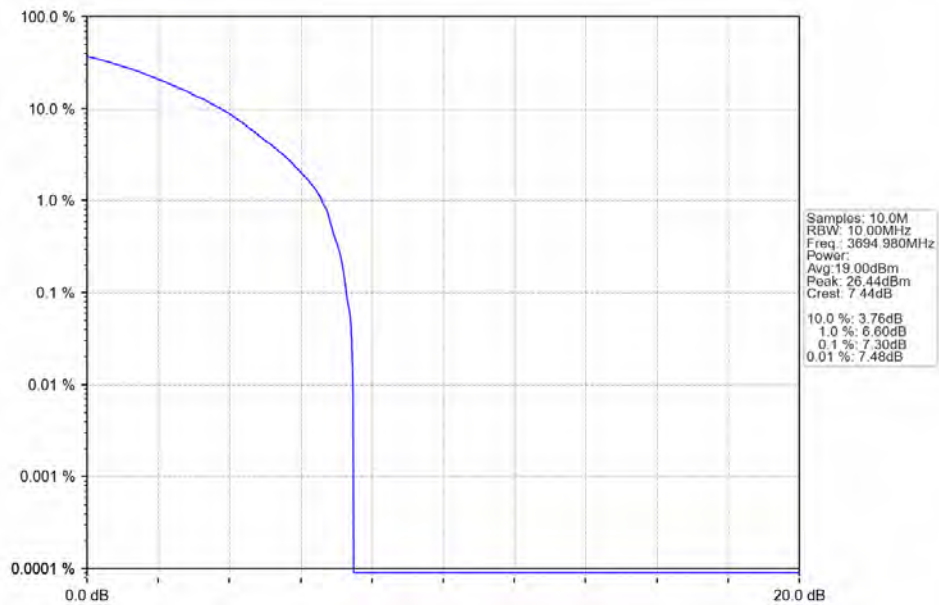




n48 30kHz SISO NTN 10MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1

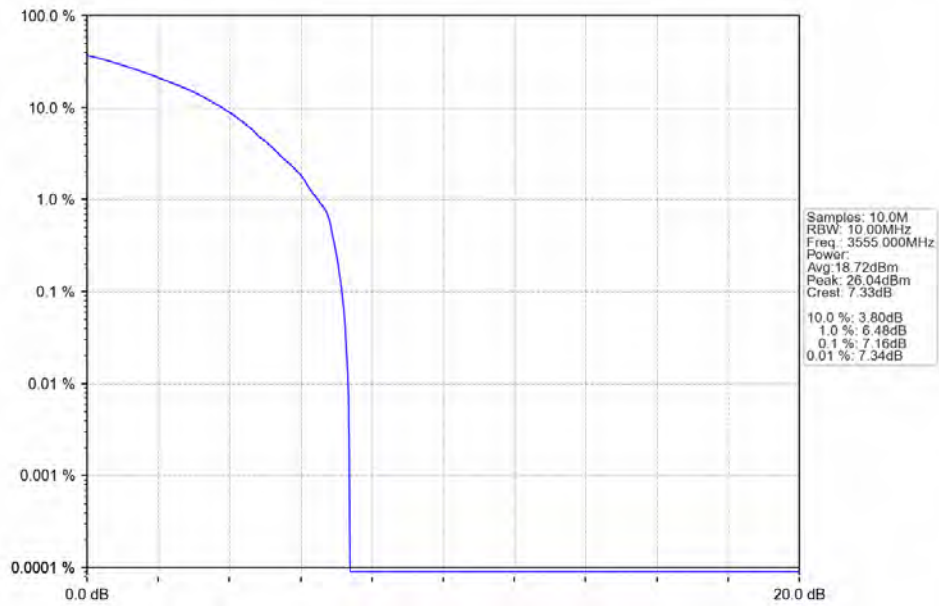


n48 30kHz SISO NTN 10MHz CP-OFDM QPSK 3694.98MHz Outer Full Ant1

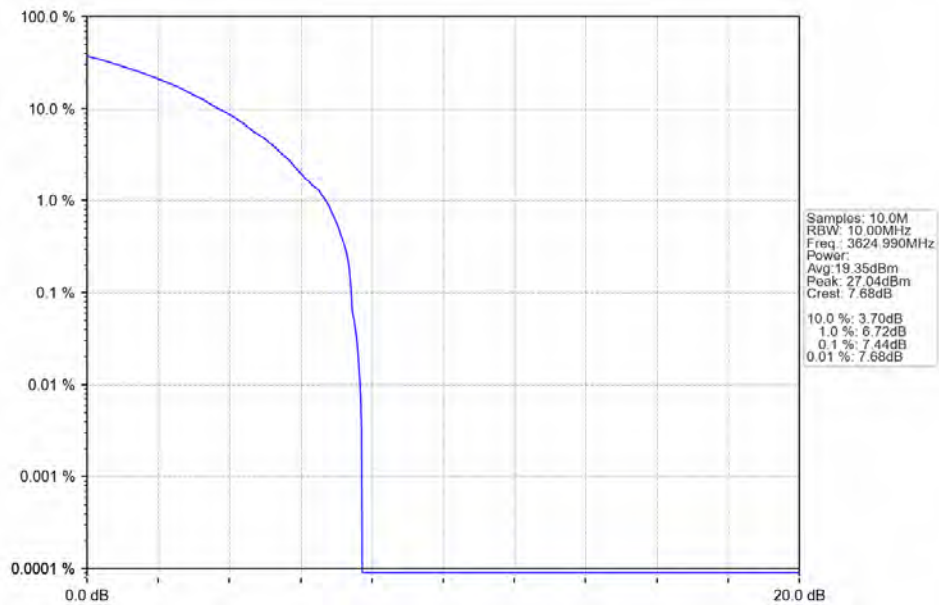




n48 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3555MHz Outer Full Ant1

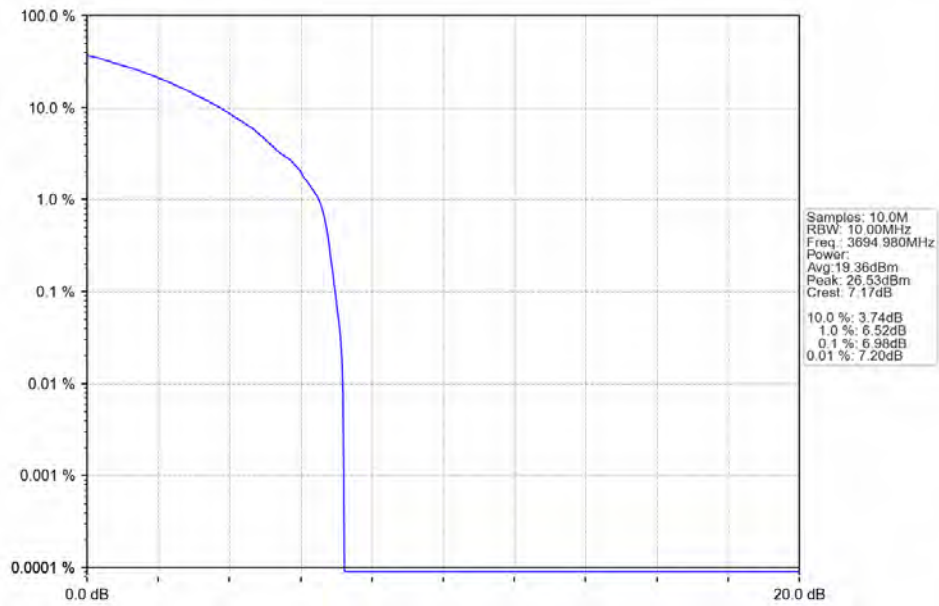


n48 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3624.99MHz Outer Full Ant1

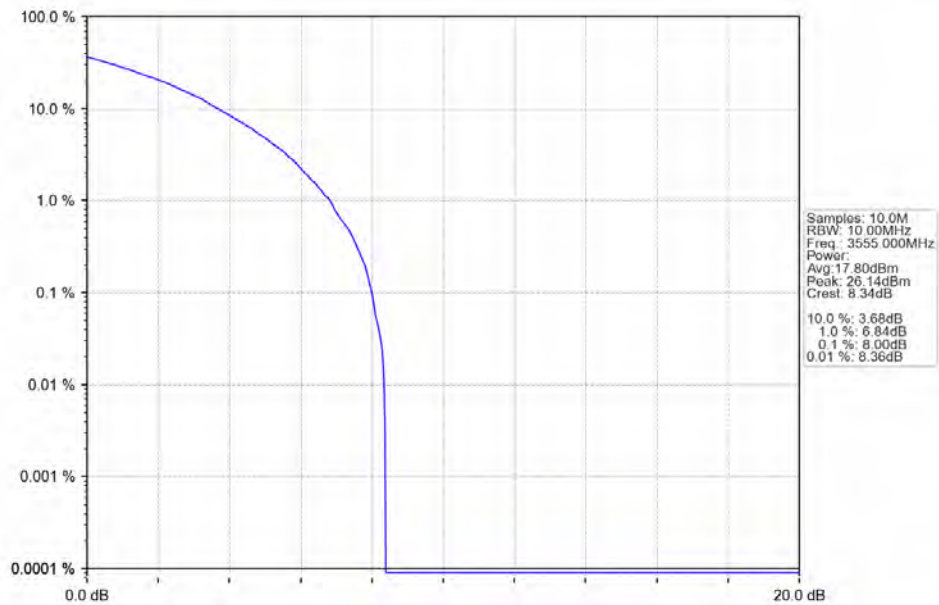




n48 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3694.98MHz Outer Full Ant1

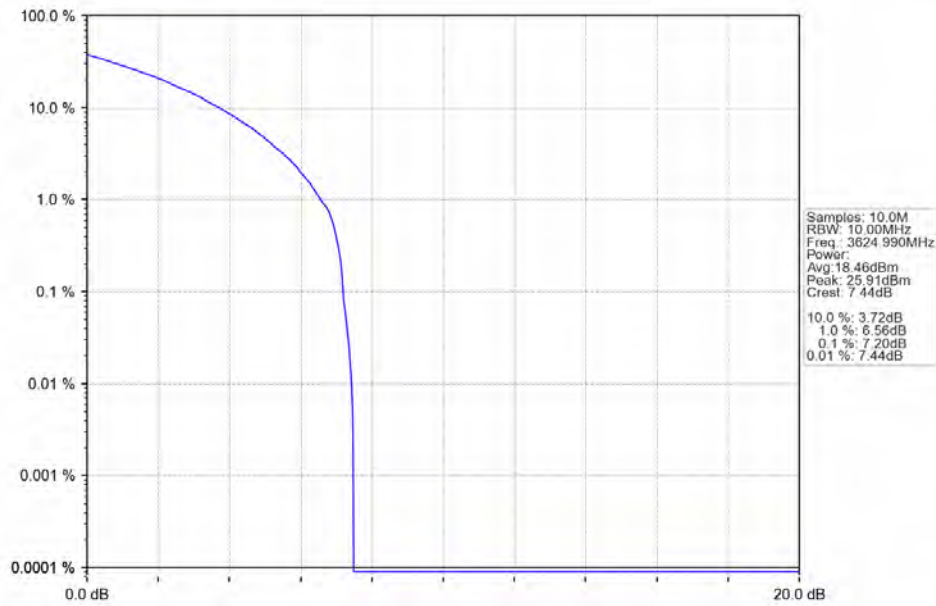


n48 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3555MHz Outer Full Ant1

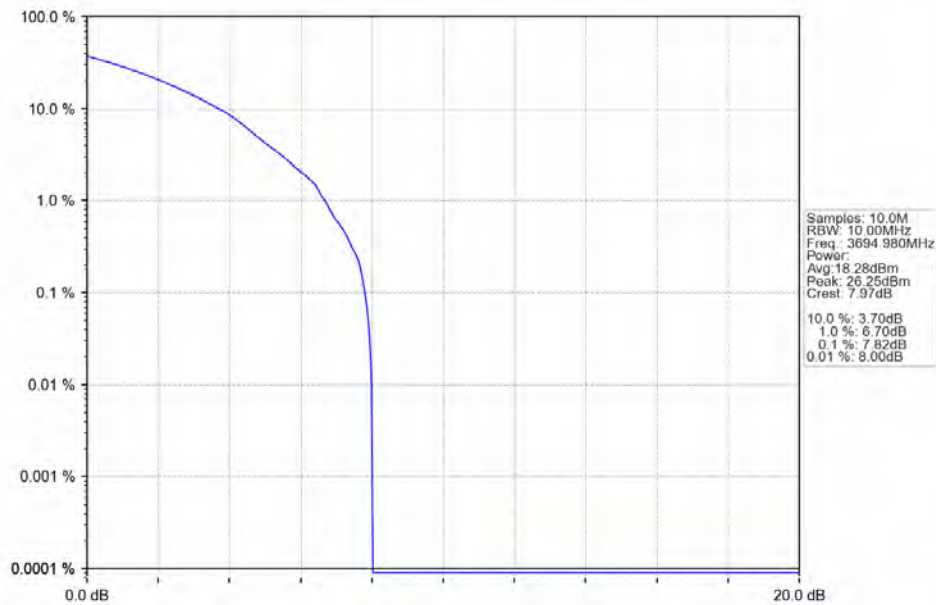




n48 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3624.99MHz Outer Full Ant1

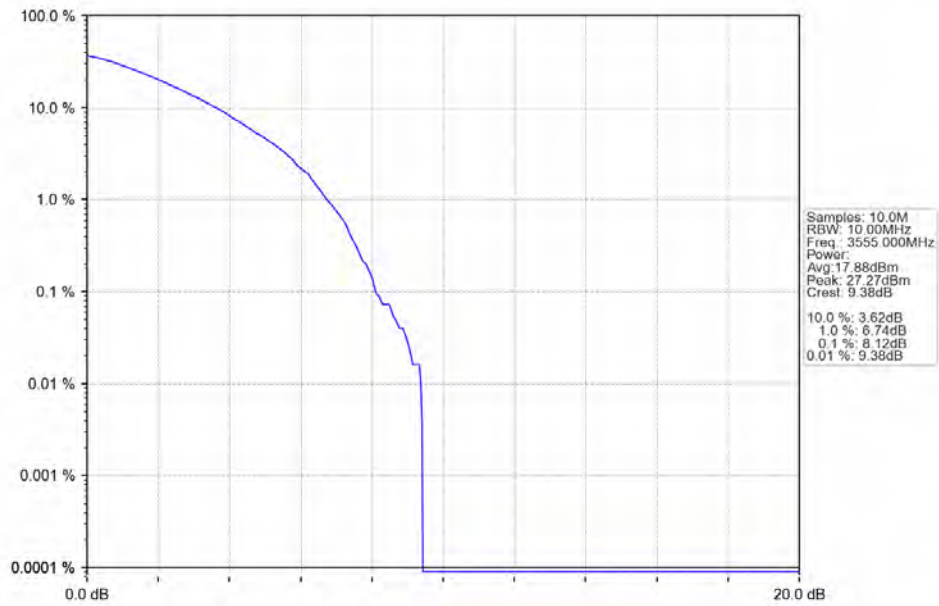


n48 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3694.98MHz Outer Full Ant1

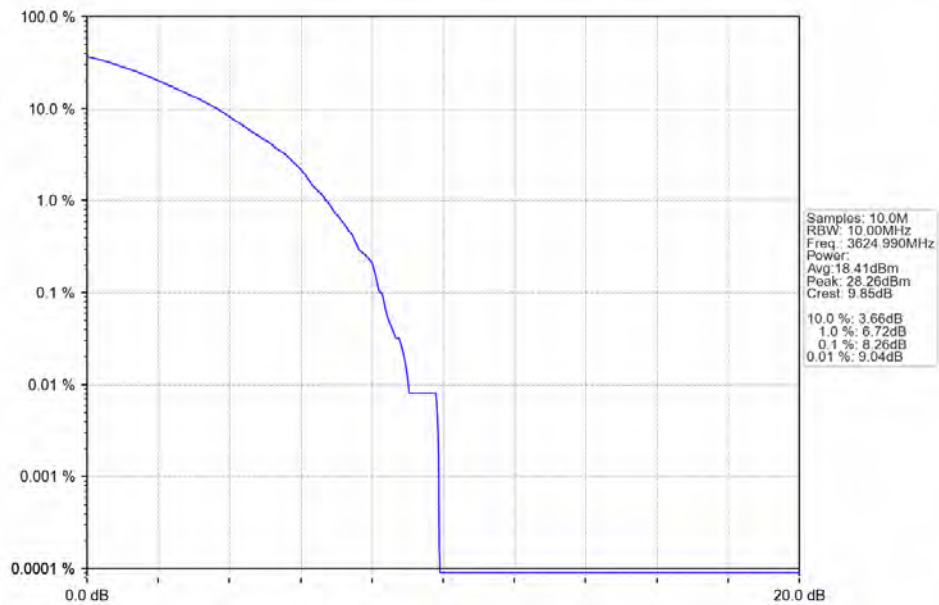




n48 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3555MHz Outer Full Ant1

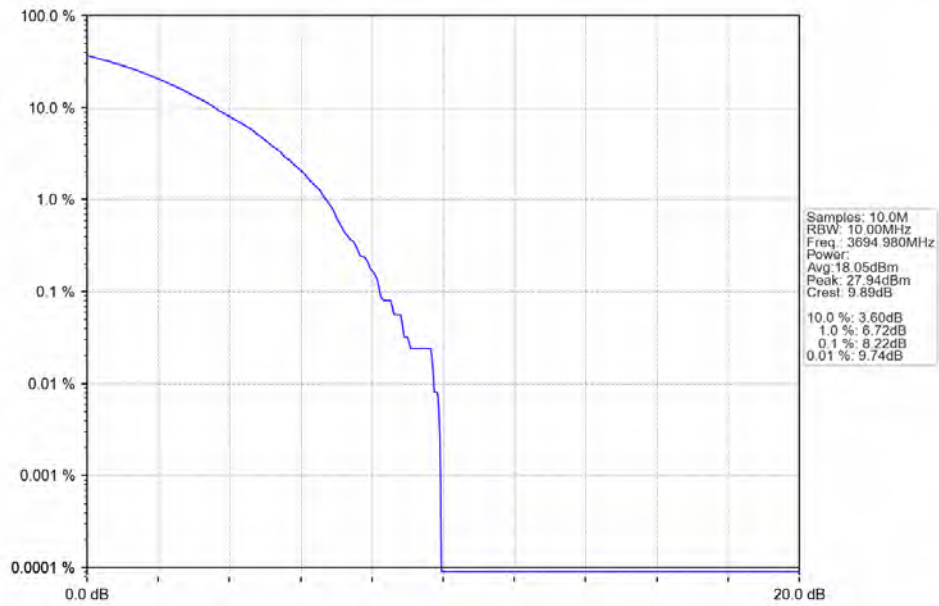


n48 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant1





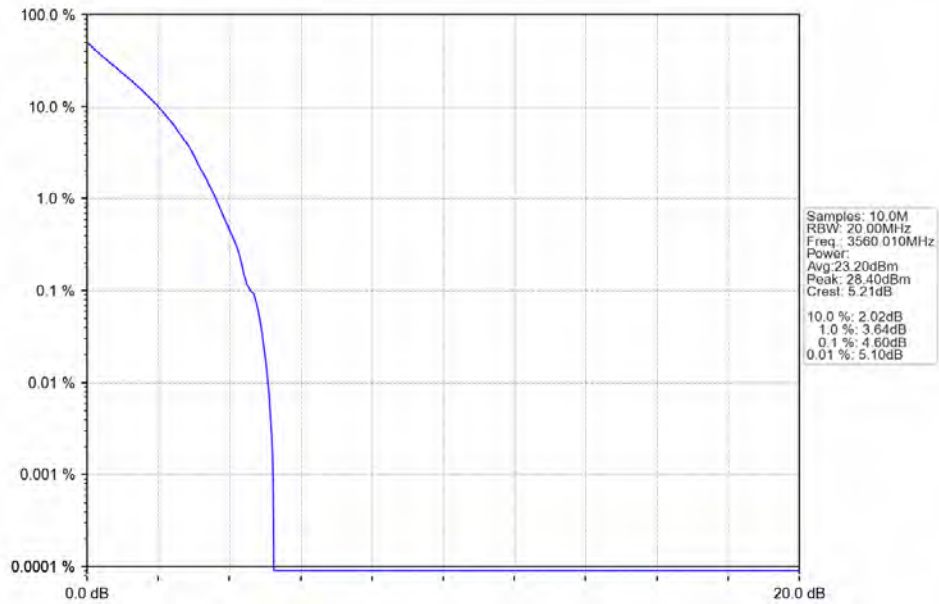
n48 30kHz SISO_NTNV 10MHz CP-OFDM 256 QAM 3694.98MHz Outer Full Ant1



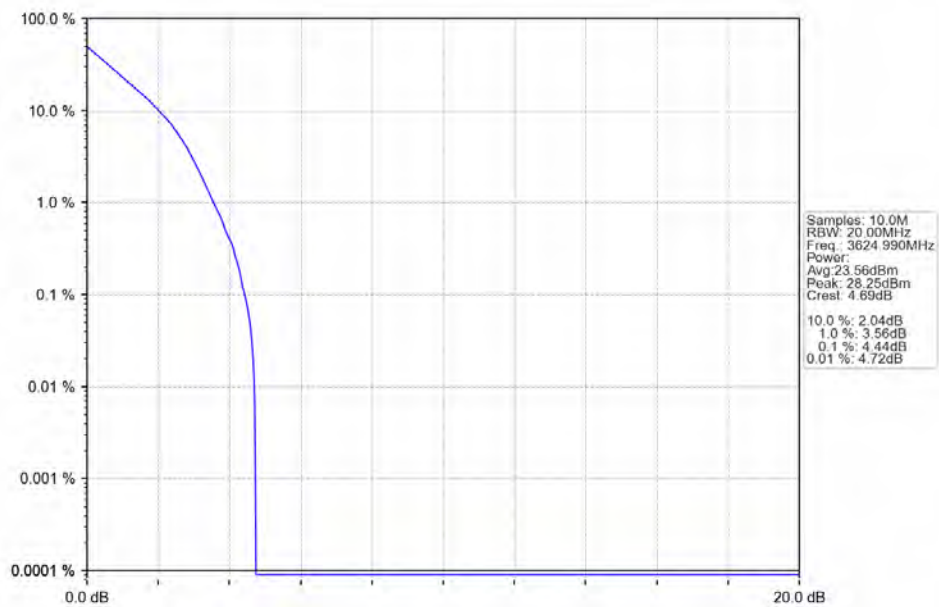


5.2.2 30k_SISO_20MHz_NTNV

n48 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3560.01MHz Outer Full Ant1

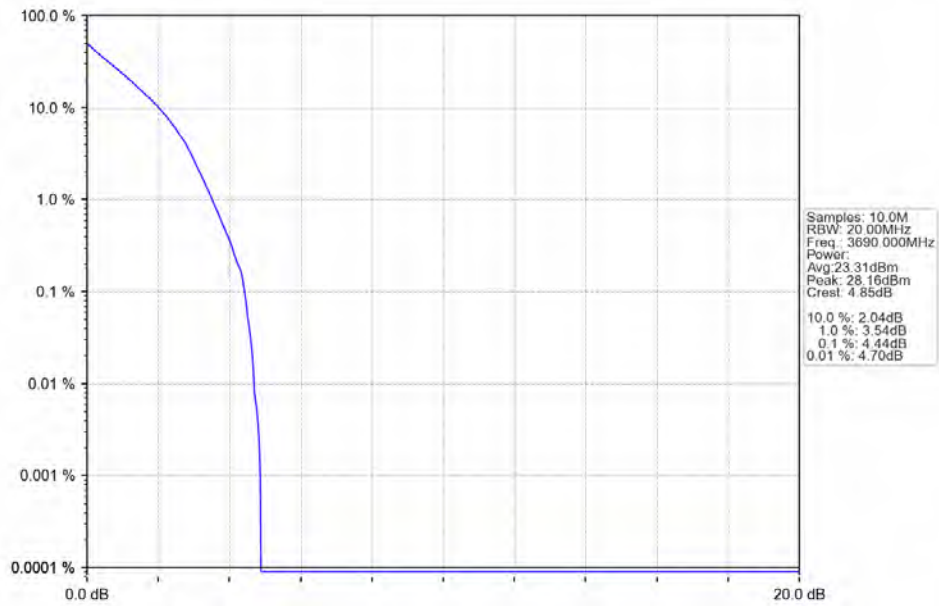


n48 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

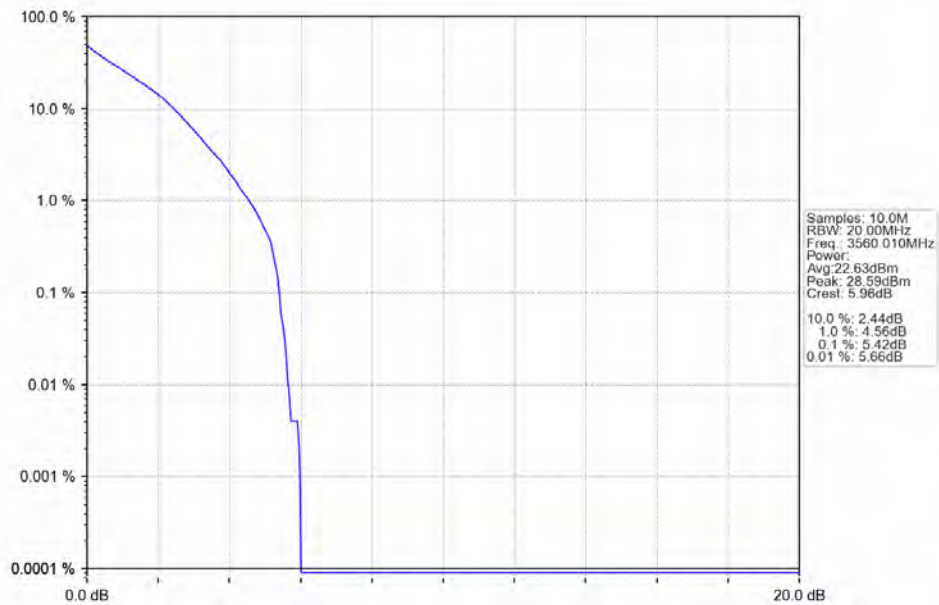




n48 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3690MHz Outer Full Ant1

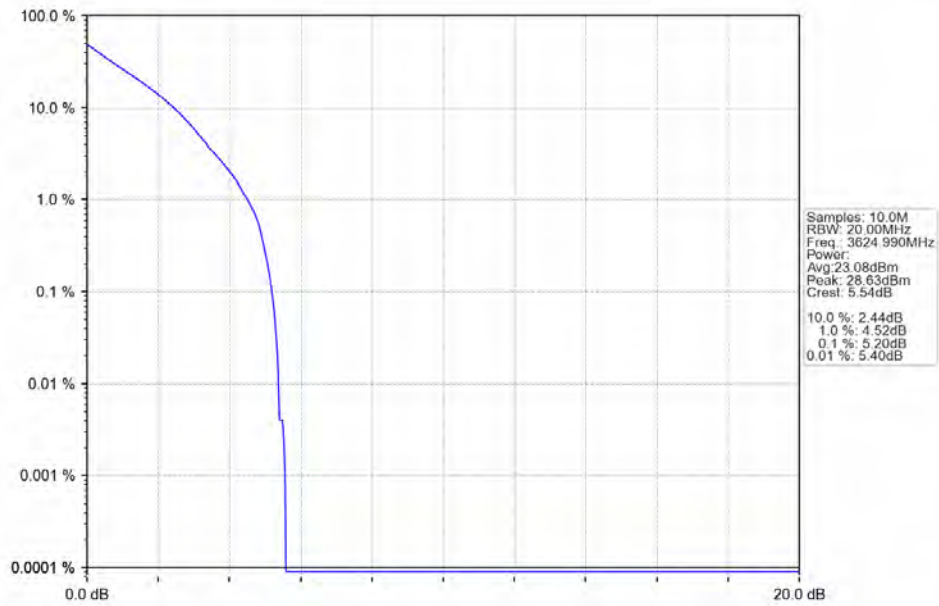


n48 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3560.01MHz Outer Full Ant1

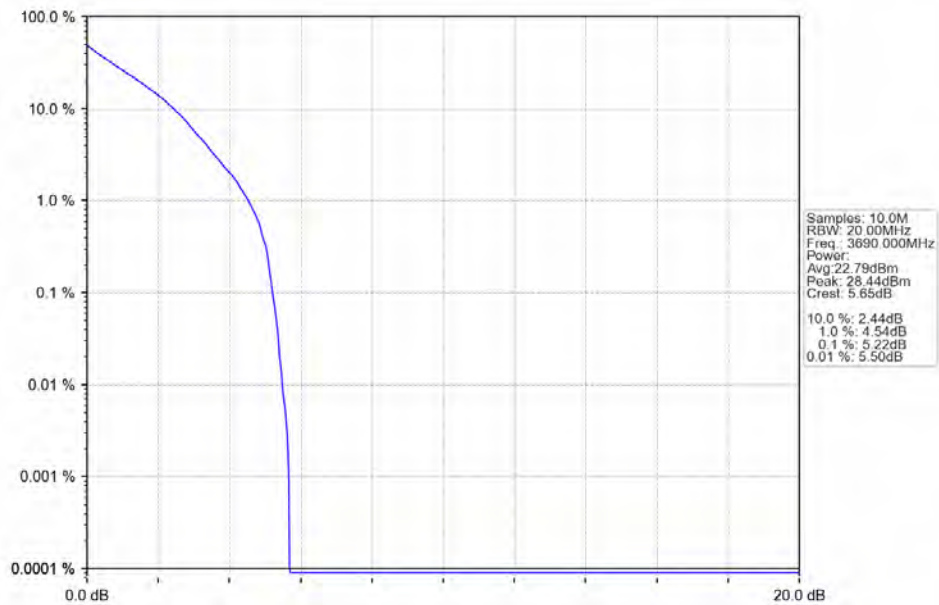




n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1

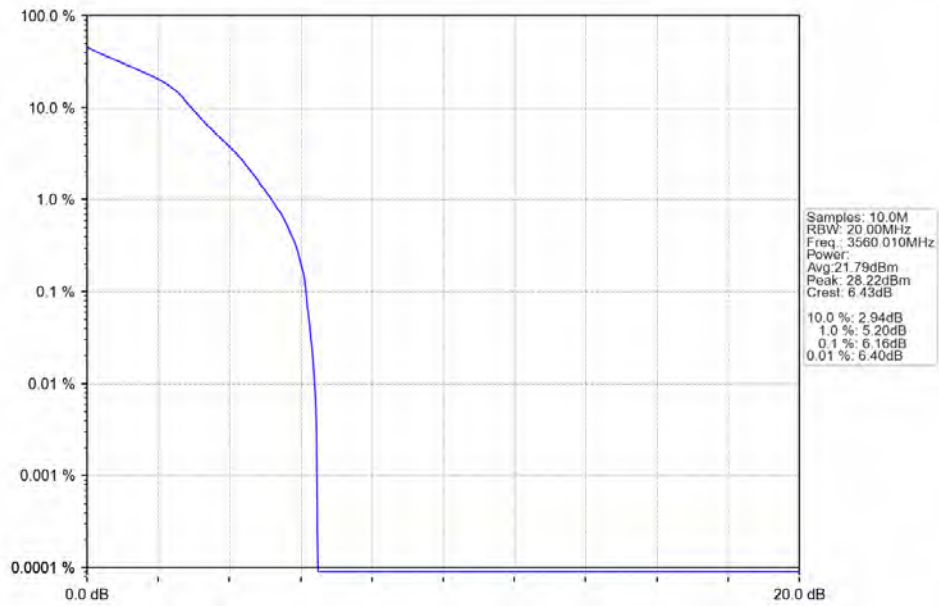


n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Outer_Full_Ant1

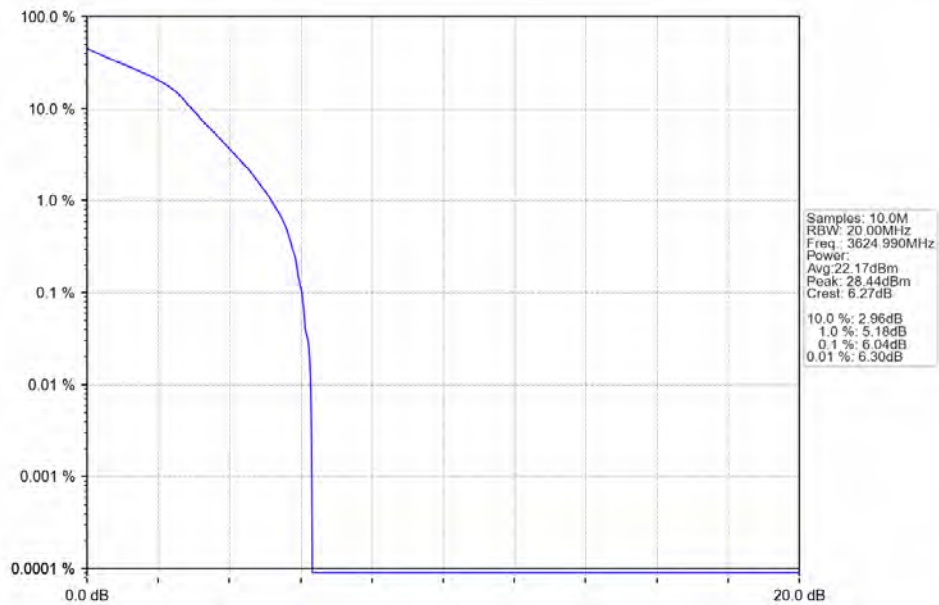




n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Outer_Full_Ant1

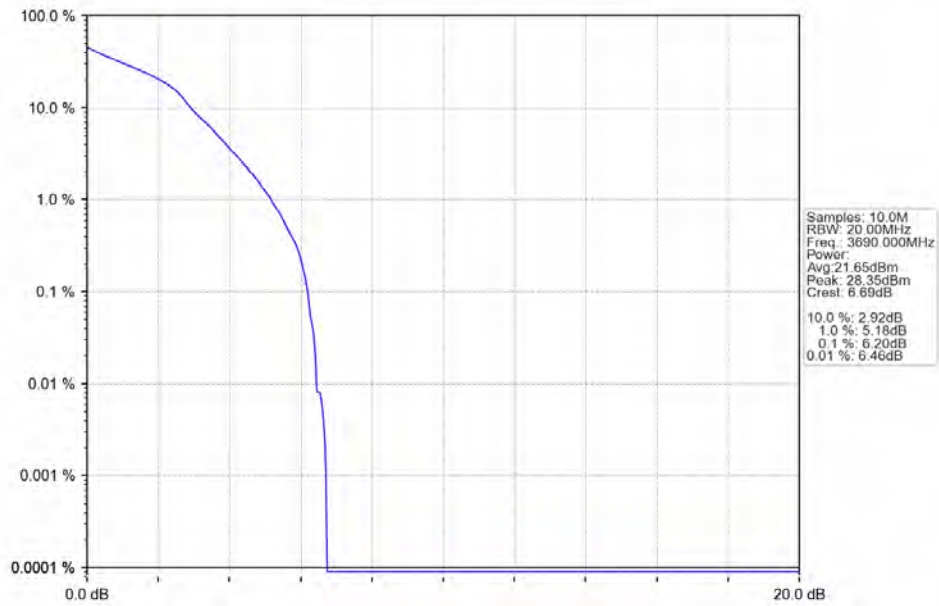


n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1

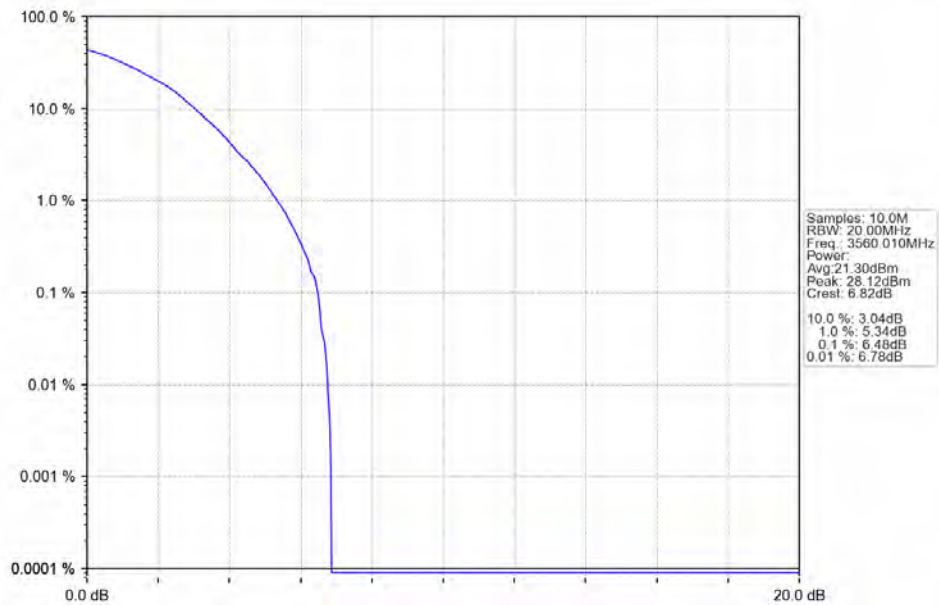




n48 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3690MHz Outer Full Ant1

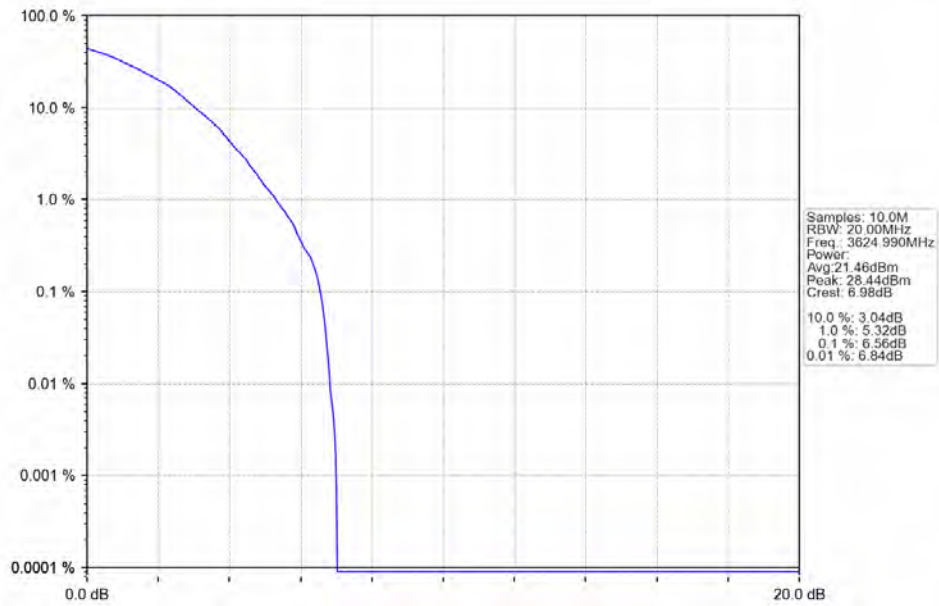


n48 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3560.01MHz Outer Full Ant1

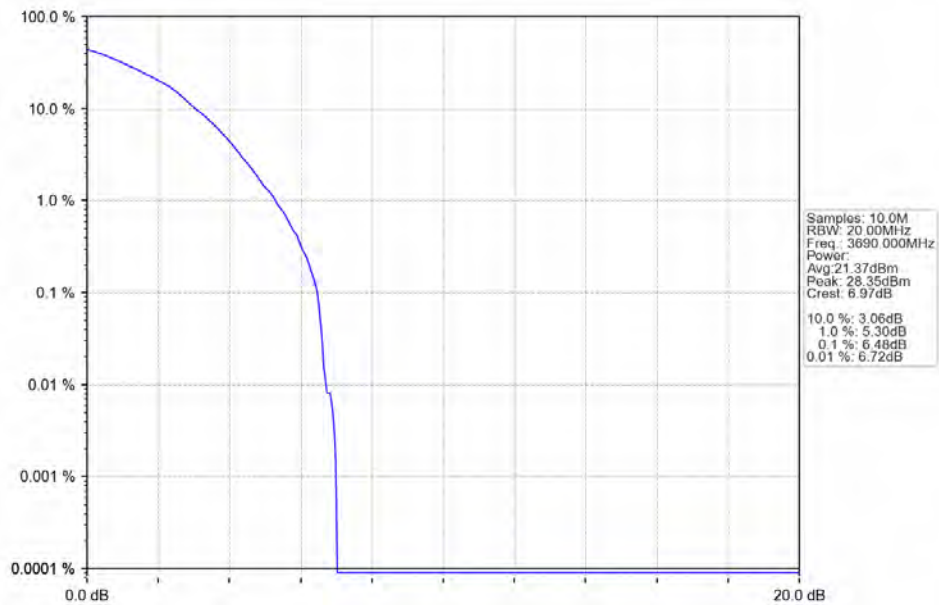




n48 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3624.99MHz Outer Full Ant1

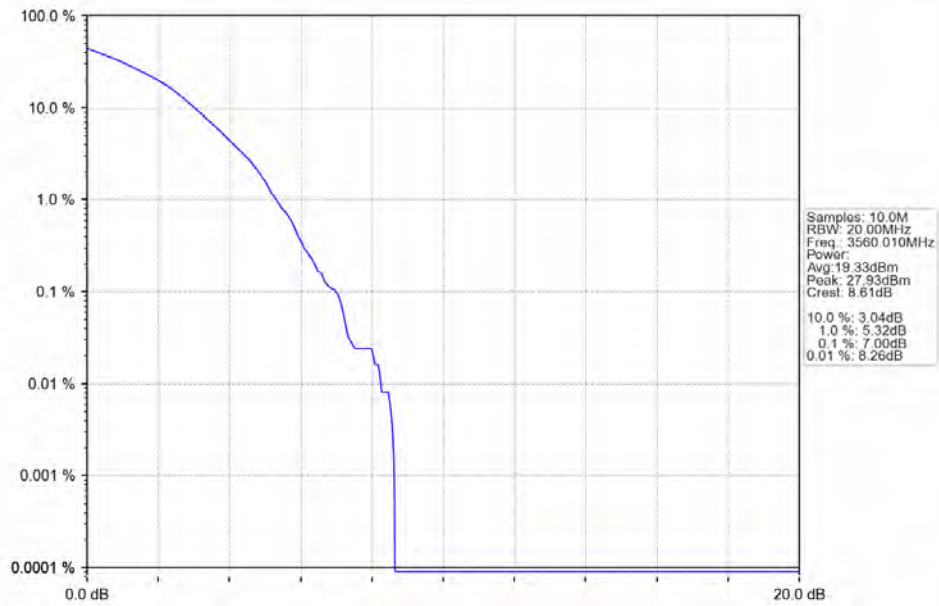


n48 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3690MHz Outer Full Ant1

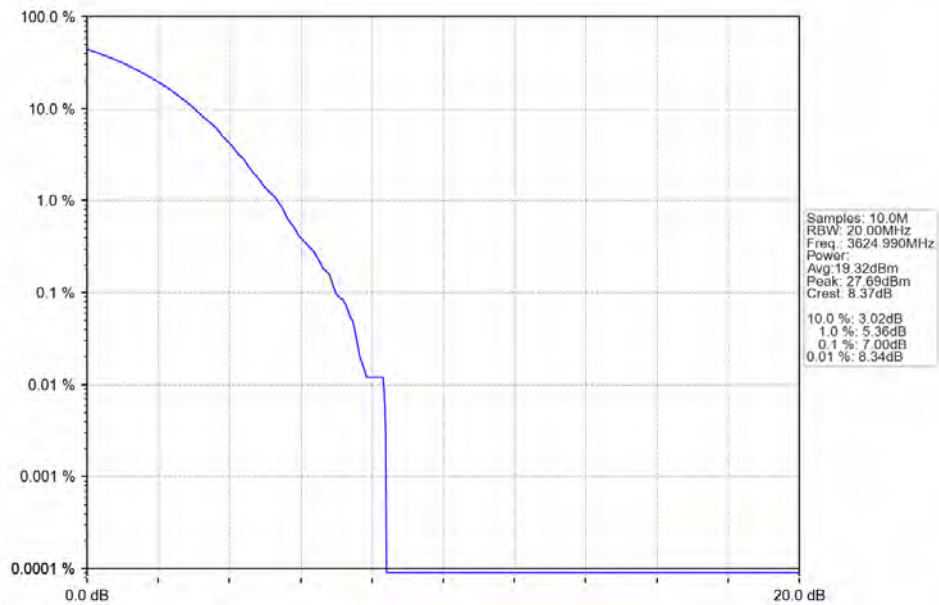




n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3560.01MHz Outer Full Ant1

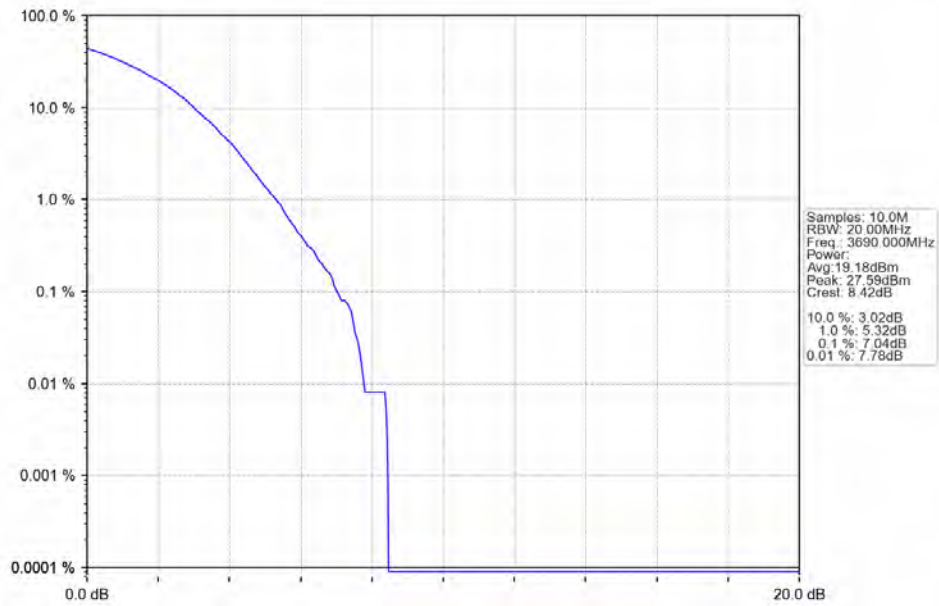


n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1

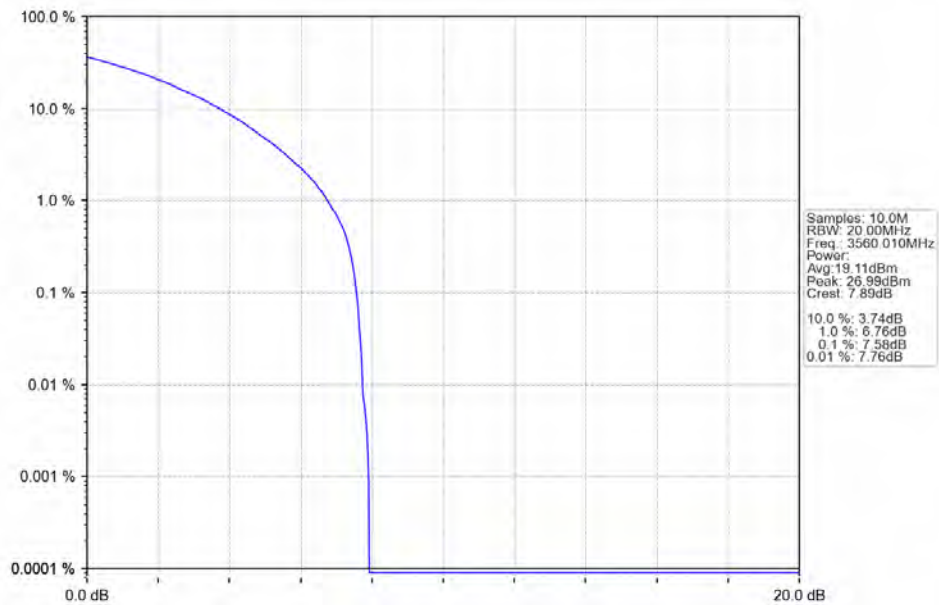




n48 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3690MHz Outer Full Ant1

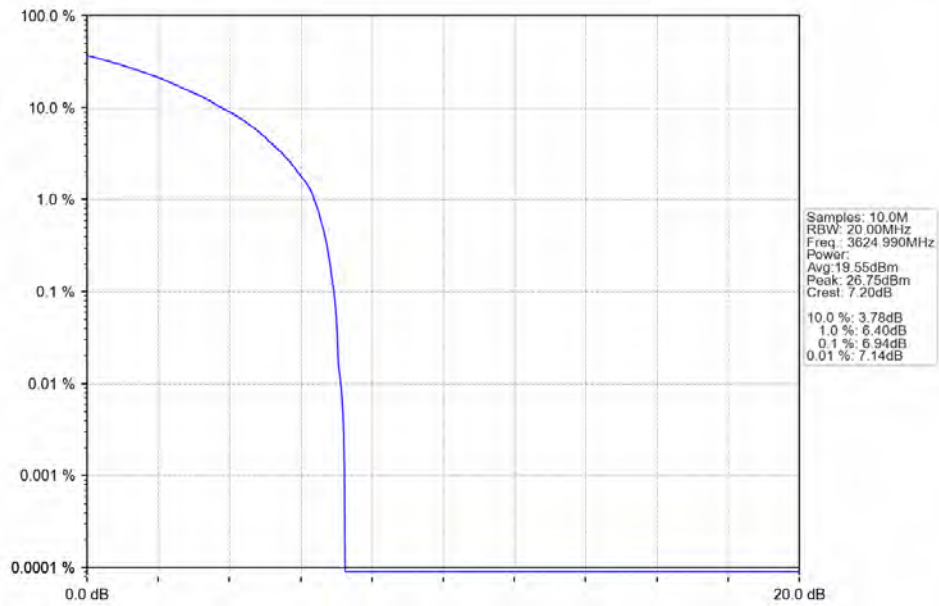


n48 30kHz SISO NTN 20MHz CP-OFDM QPSK 3560.01MHz Outer Full Ant1

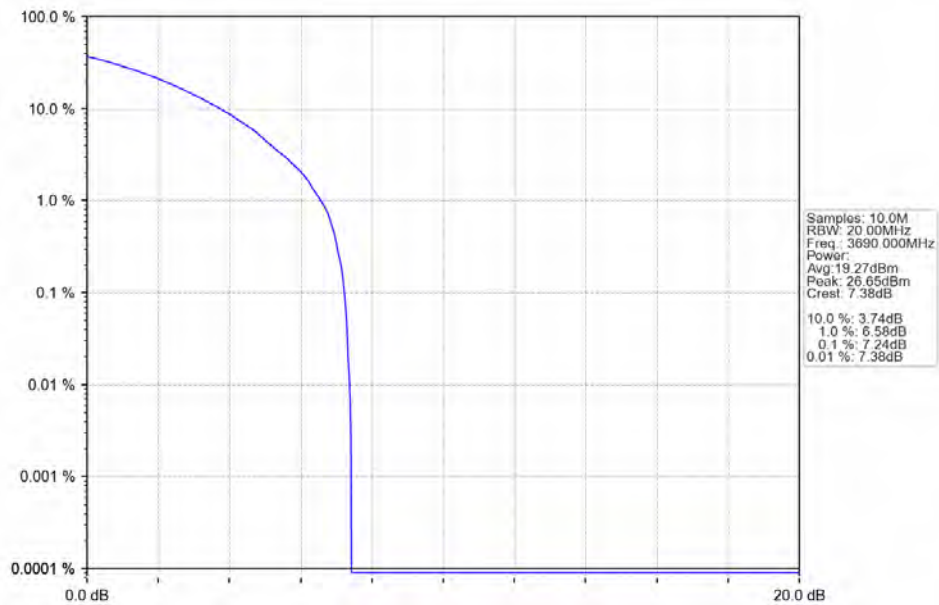




n48 30kHz SISO NTN 20MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1

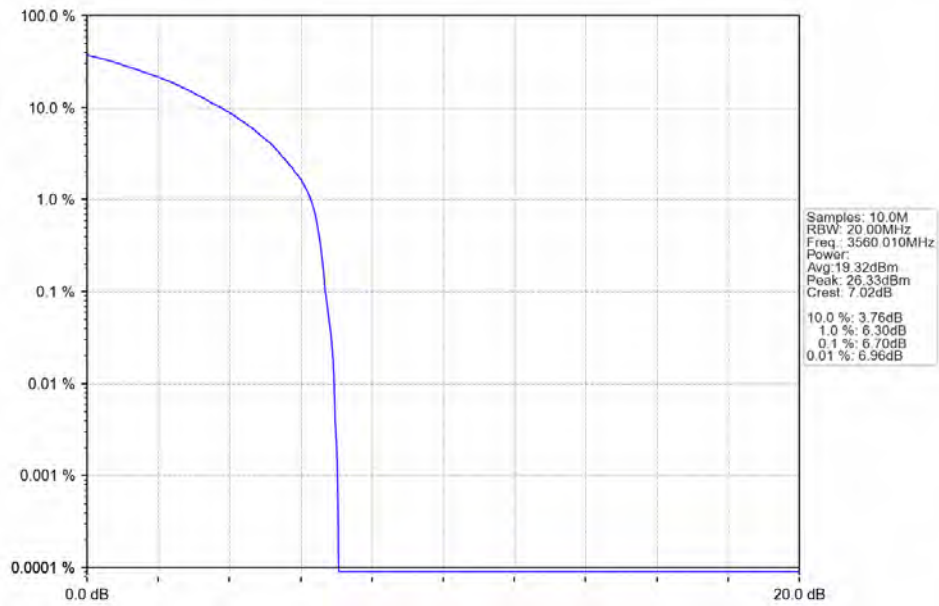


n48 30kHz SISO NTN 20MHz CP-OFDM QPSK 3690MHz Outer Full Ant1

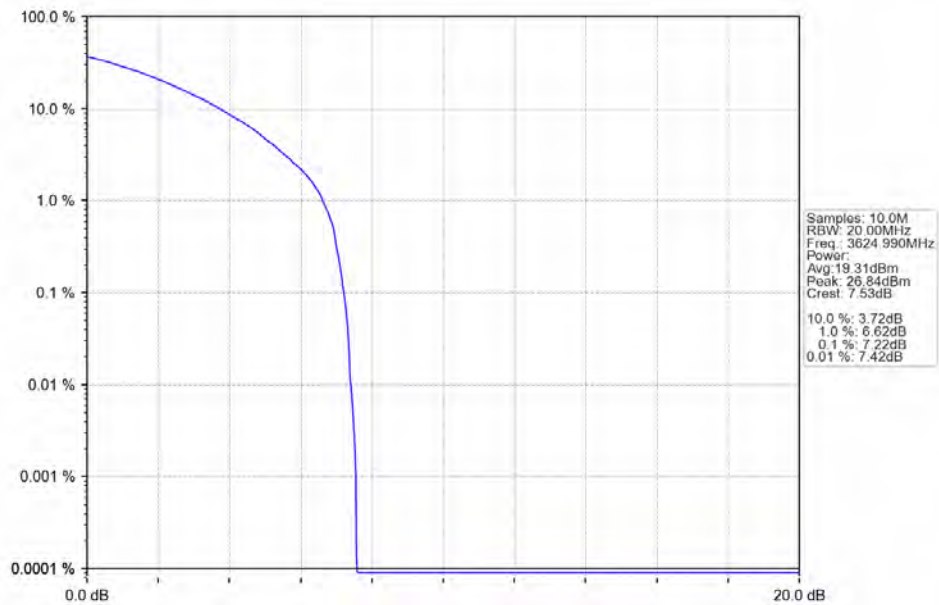




n48 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3560.01MHz Outer Full Ant1

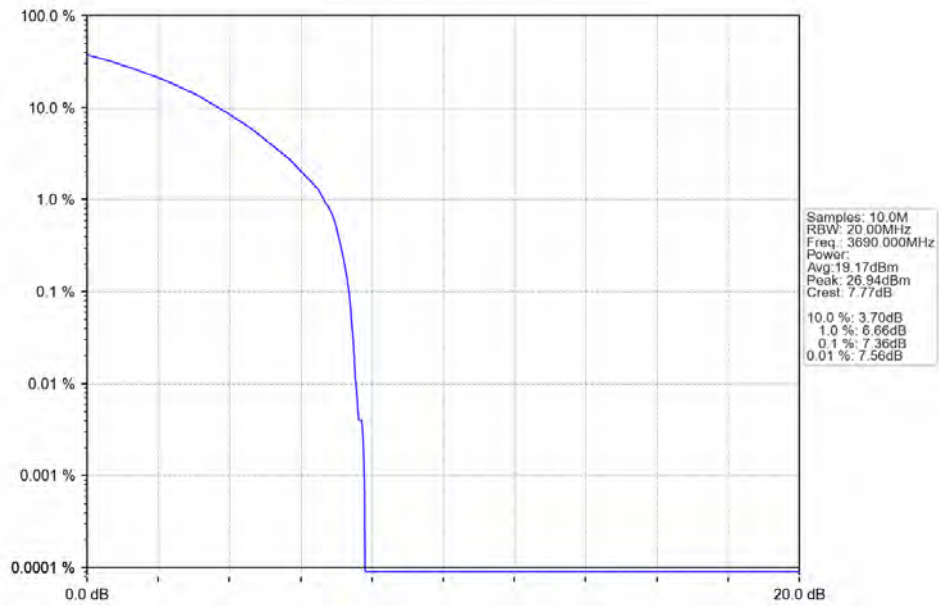


n48 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3624.99MHz Outer Full Ant1

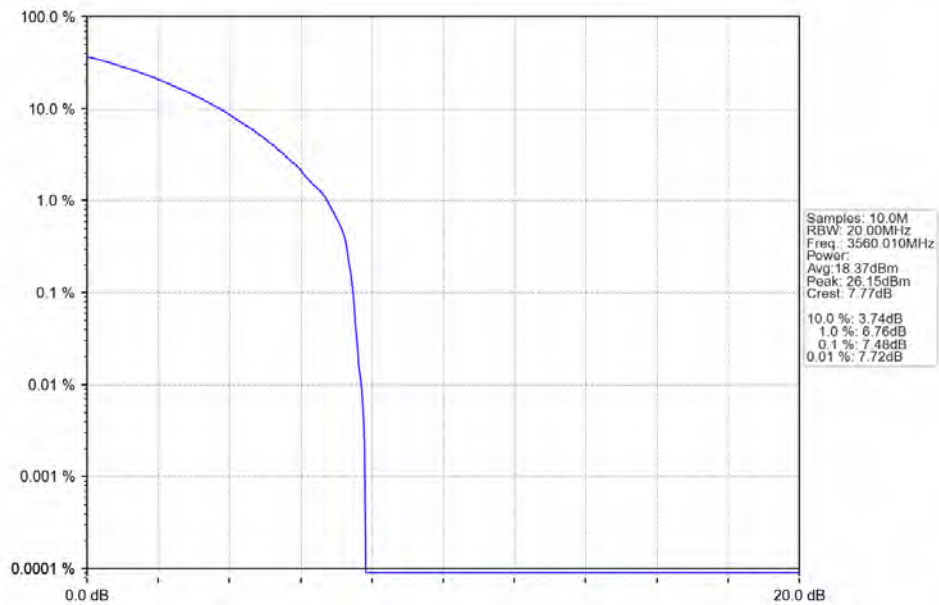




n48 30kHz SISO NTV 20MHz CP-OFDM 16 QAM 3690MHz Outer Full Ant1

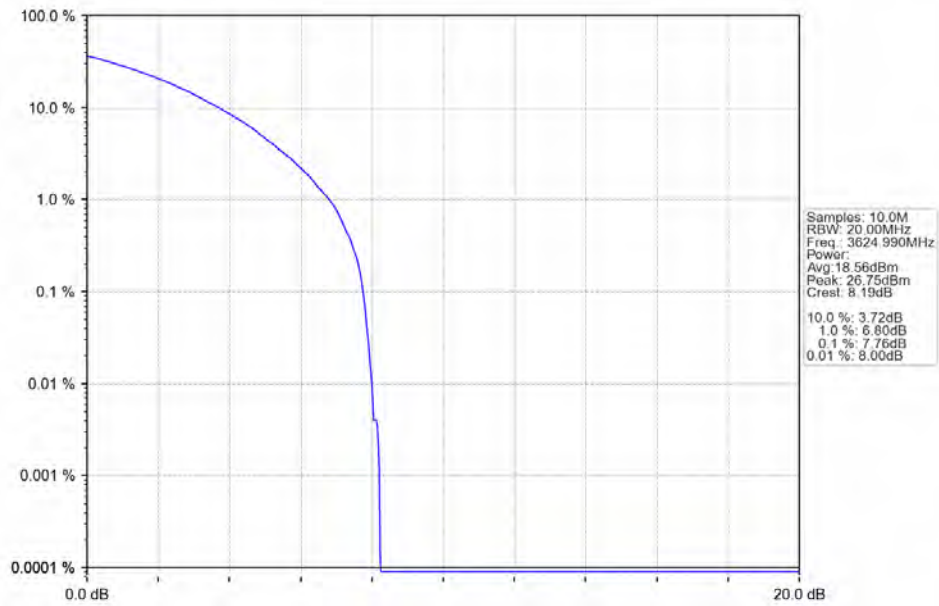


n48 30kHz SISO NTV 20MHz CP-OFDM 64 QAM 3560.01MHz Outer Full Ant1

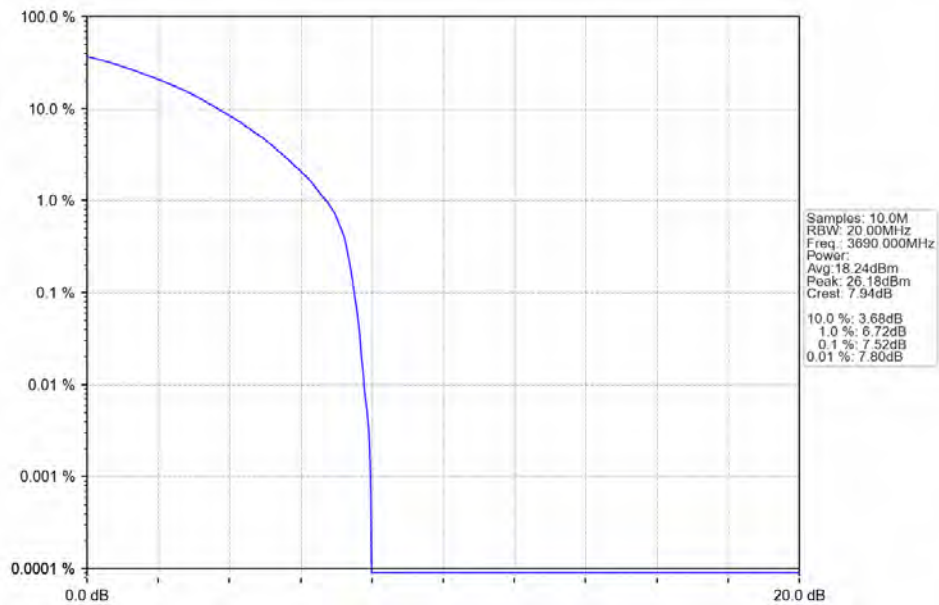




n48 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3624.99MHz Outer Full Ant1

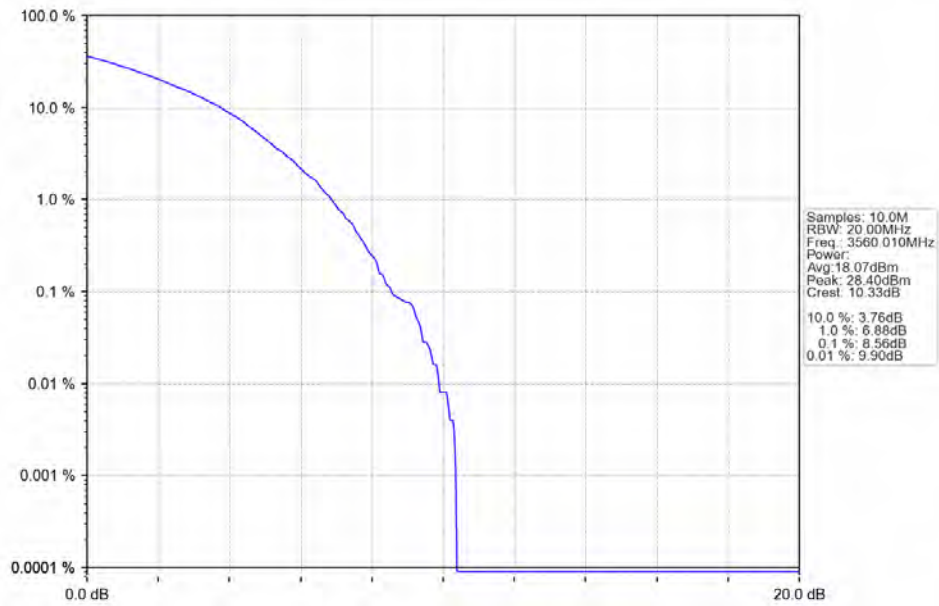


n48 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3690MHz Outer Full Ant1

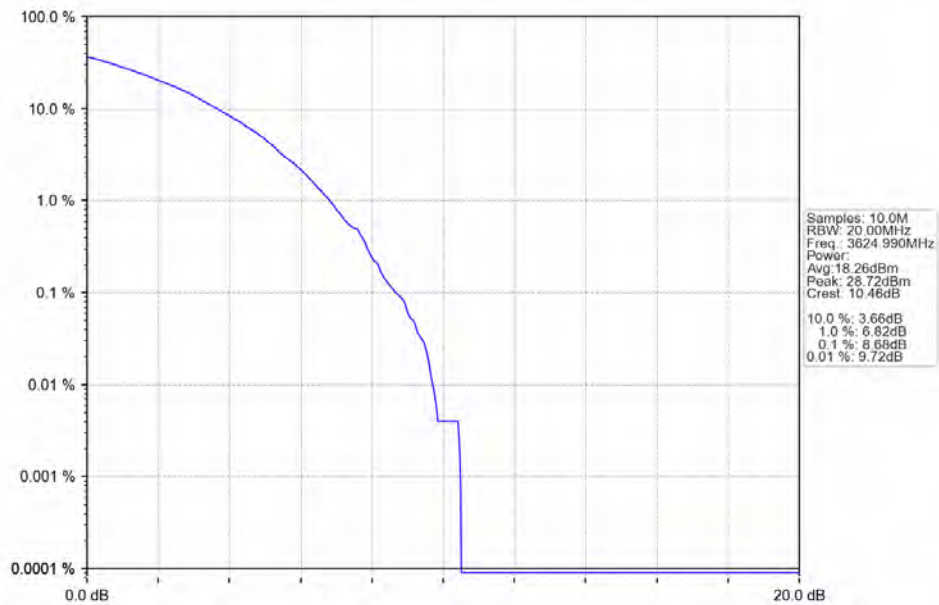




n48 30kHz SISO NTVN 20MHz CP-OFDM 256 QAM 3560.01MHz Outer Full Ant1

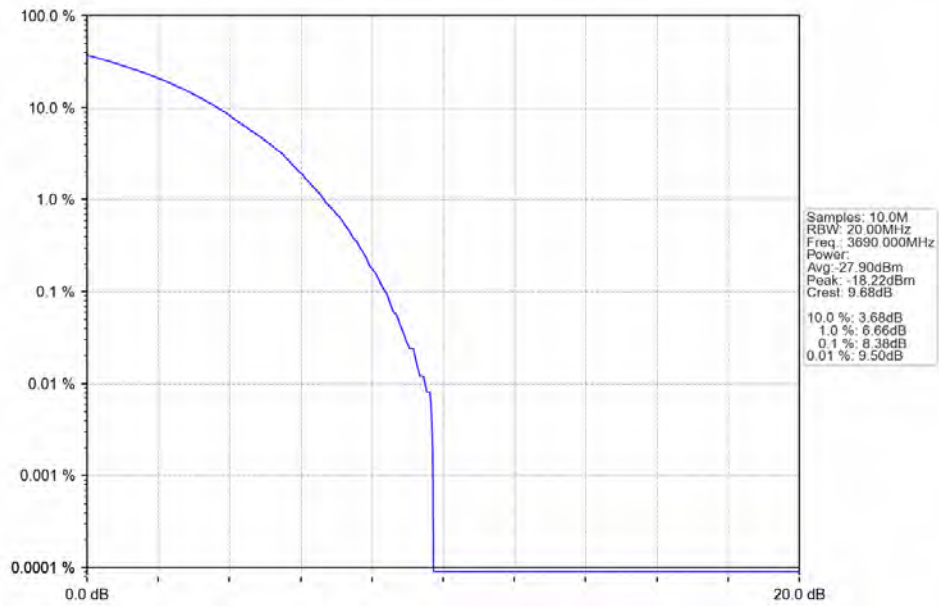


n48 30kHz SISO NTVN 20MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant1





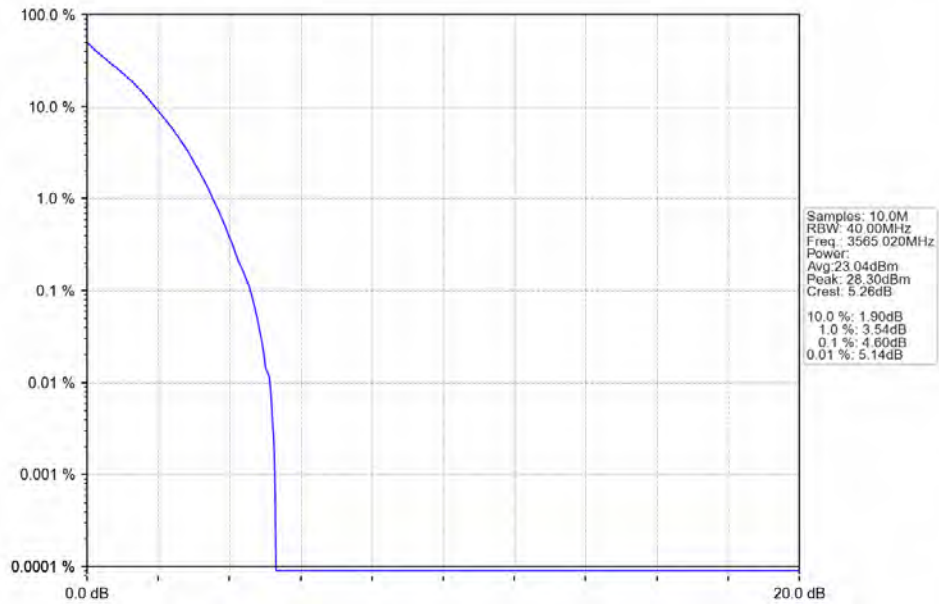
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3690MHz_Outer_Full_Ant1



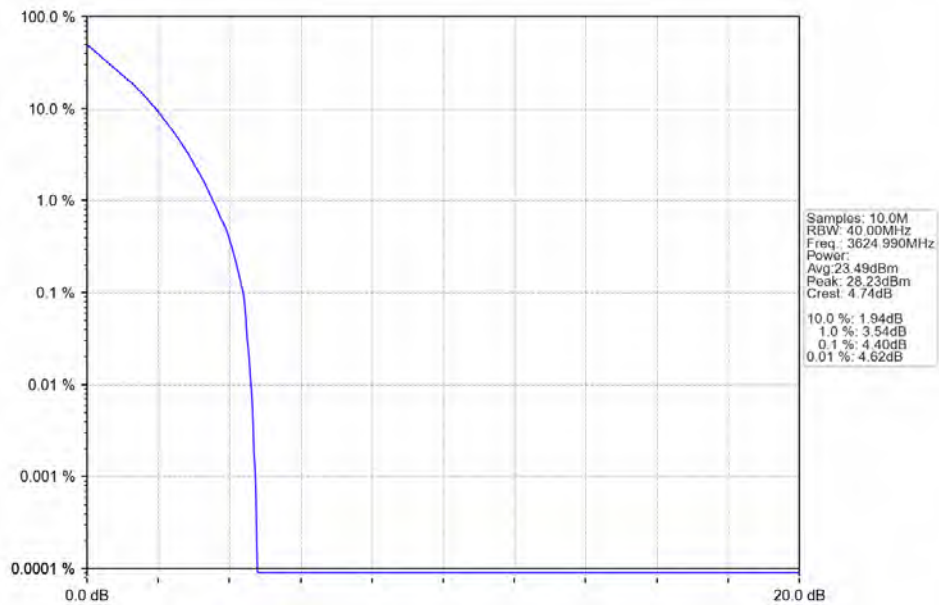


5.2.3 30k_SISO_30MHz_NTNV

n48 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3565.02MHz Outer Full Ant1

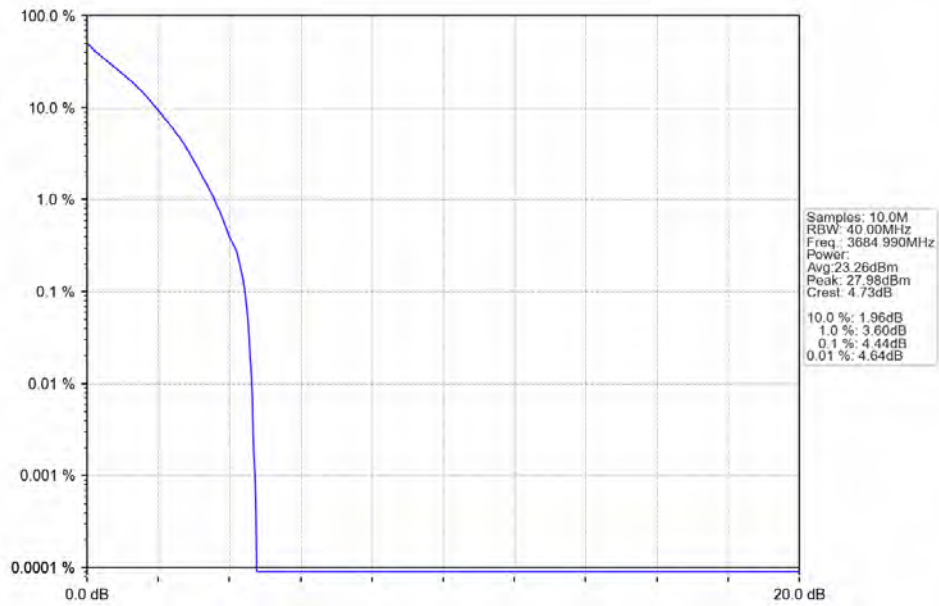


n48 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

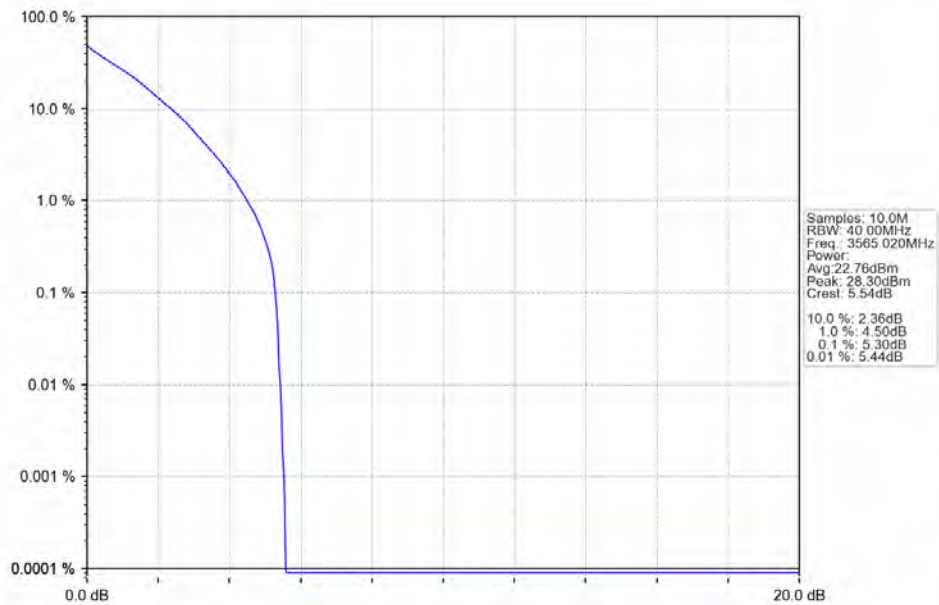




n48 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3684.99MHz Outer Full Ant1

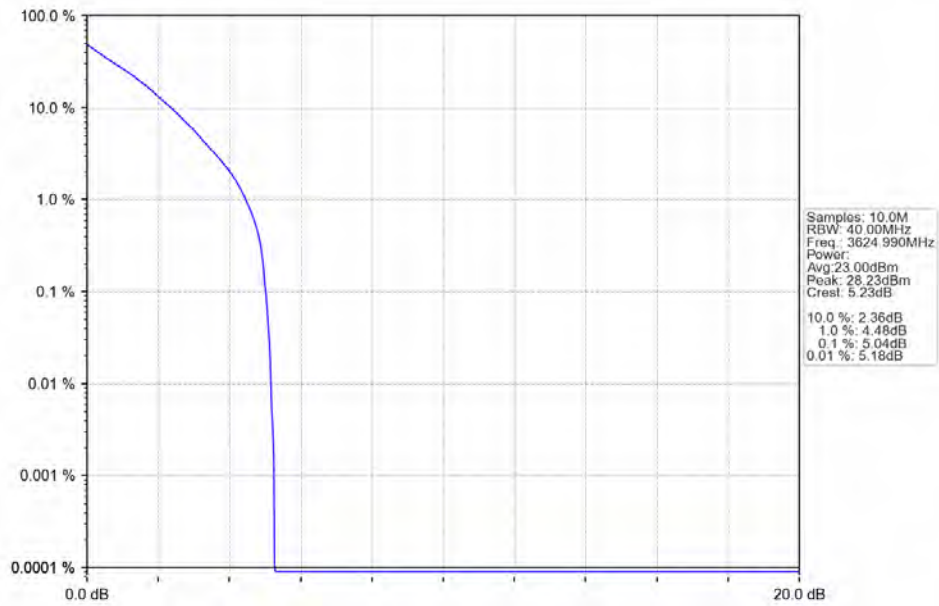


n48 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3565.02MHz Outer Full Ant1

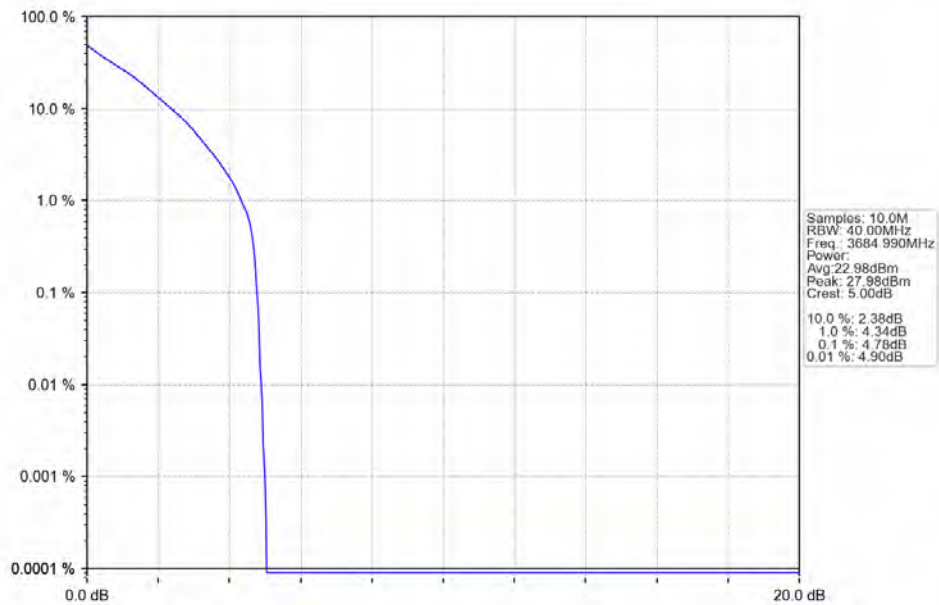




n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1

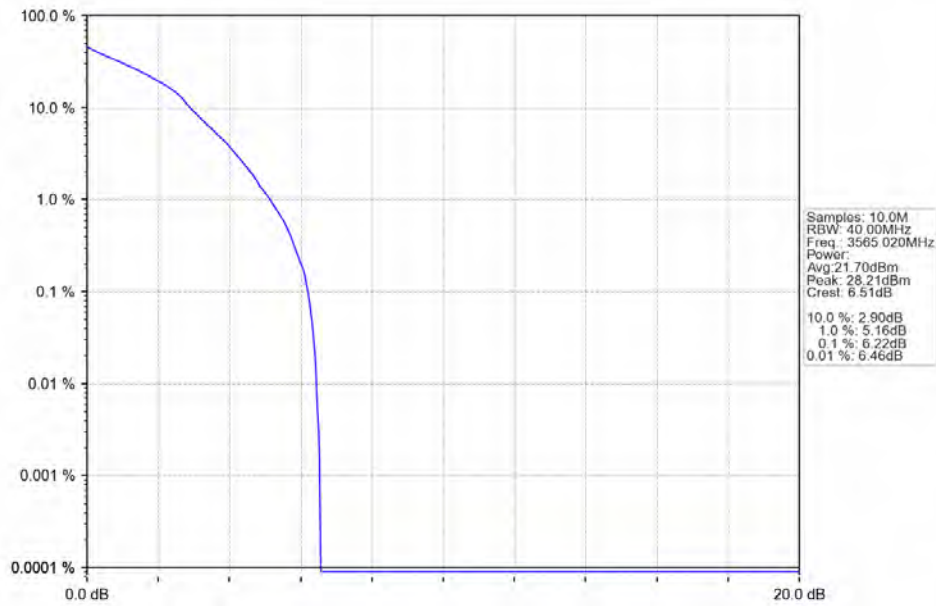


n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3684.99MHz_Outer_Full_Ant1

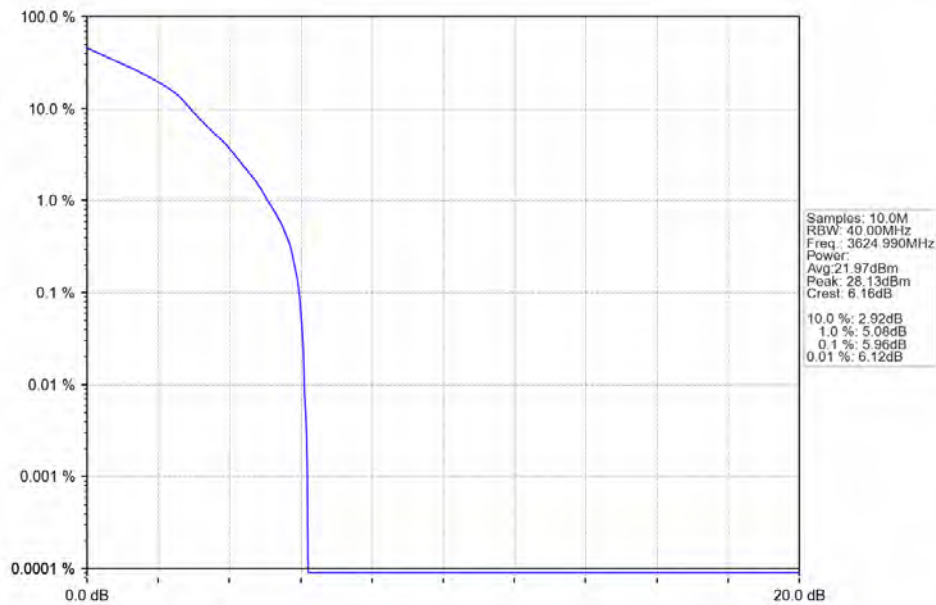




n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3565.02MHz_Outer_Full_Ant1

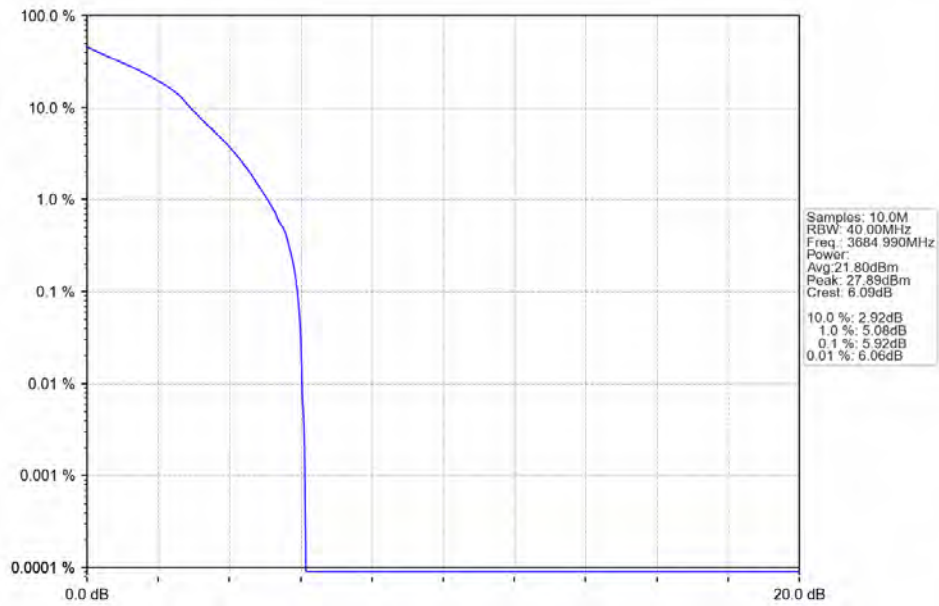


n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1

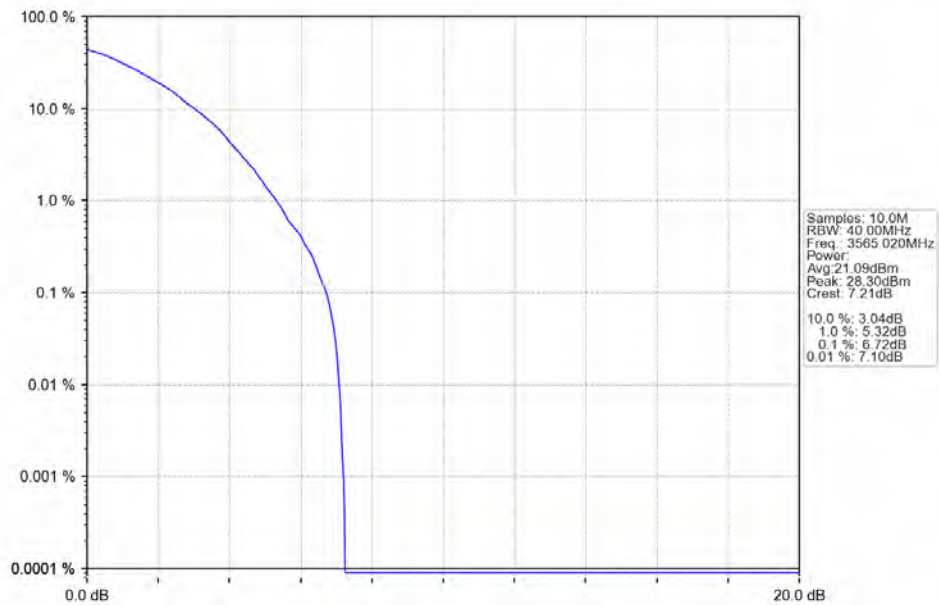




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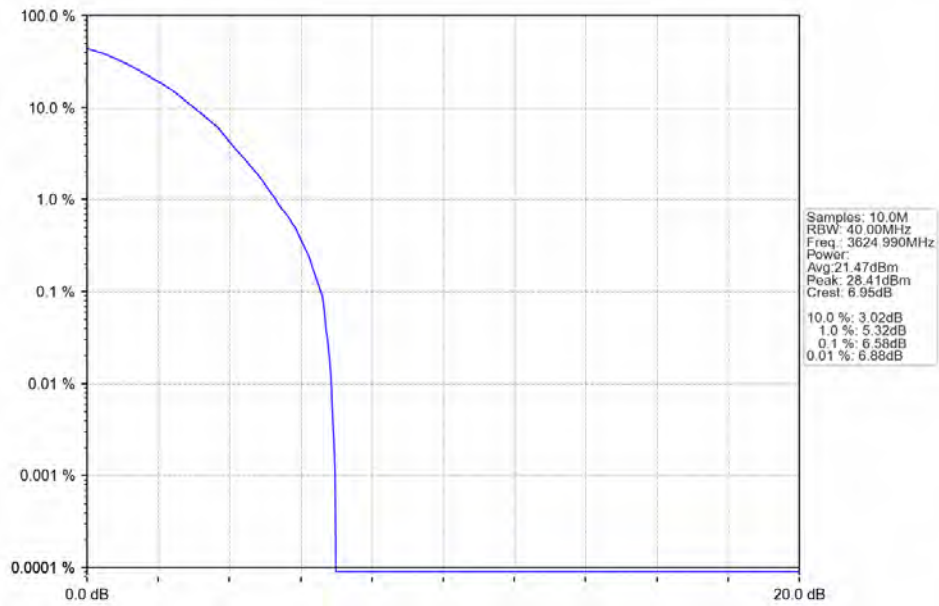


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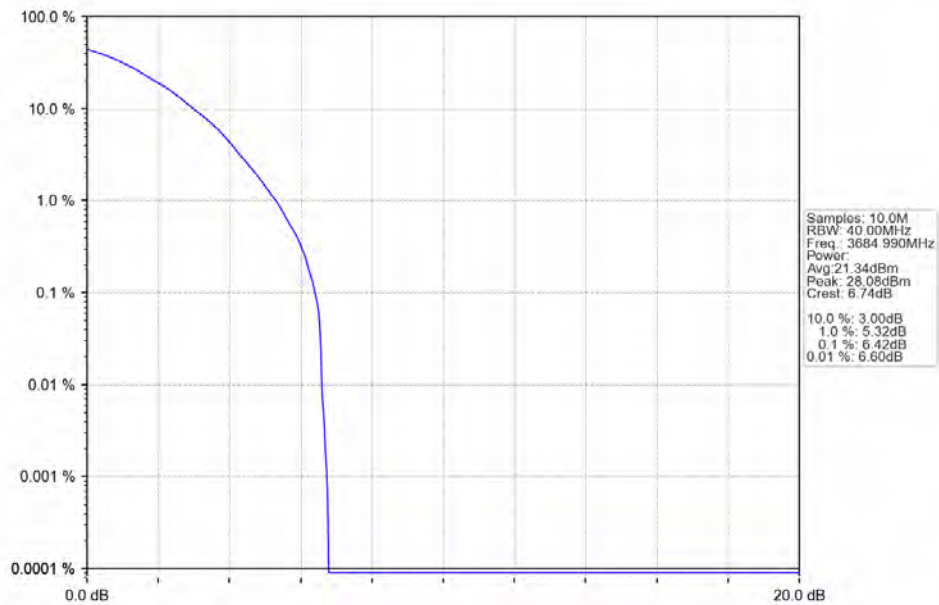




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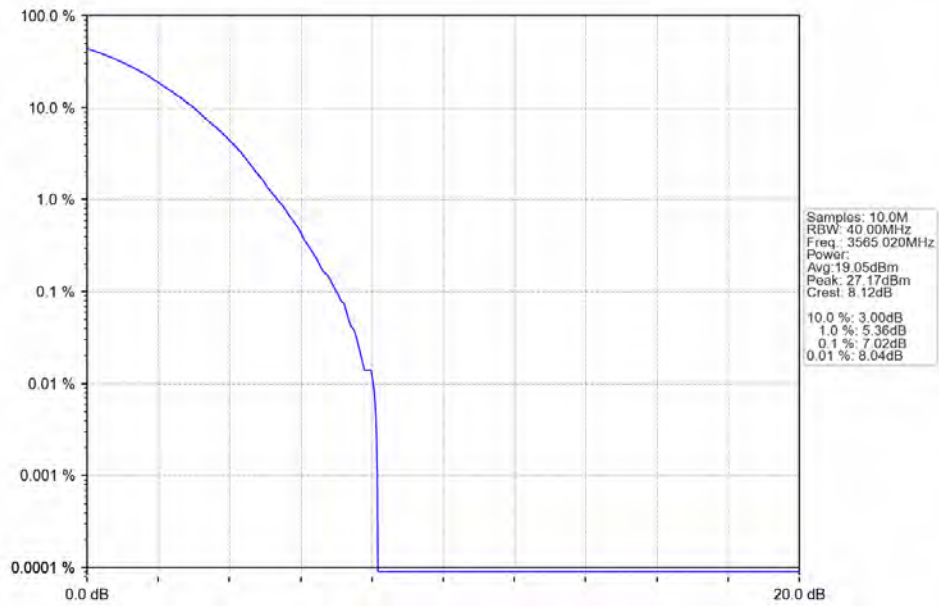


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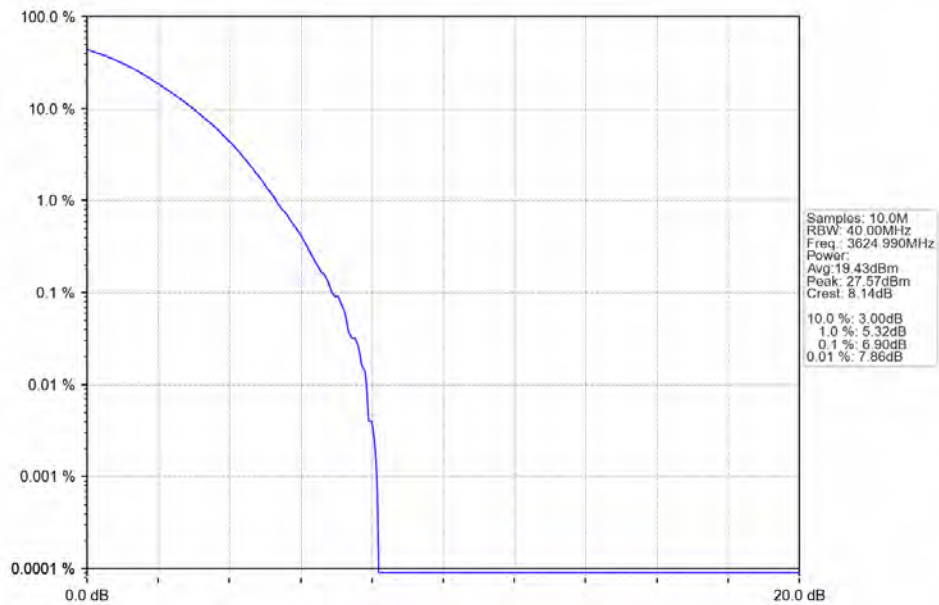




n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3565.02MHz Outer Full Ant1

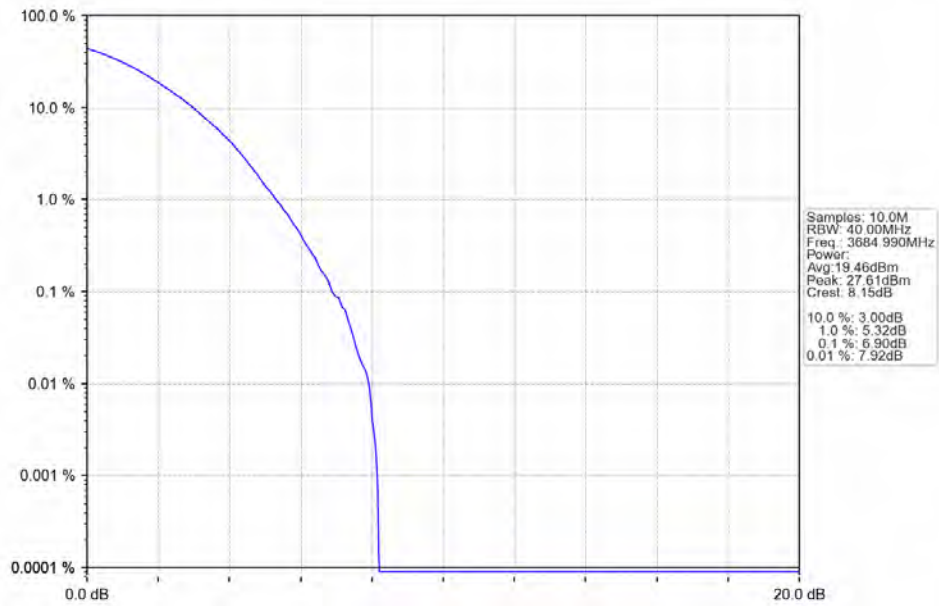


n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1

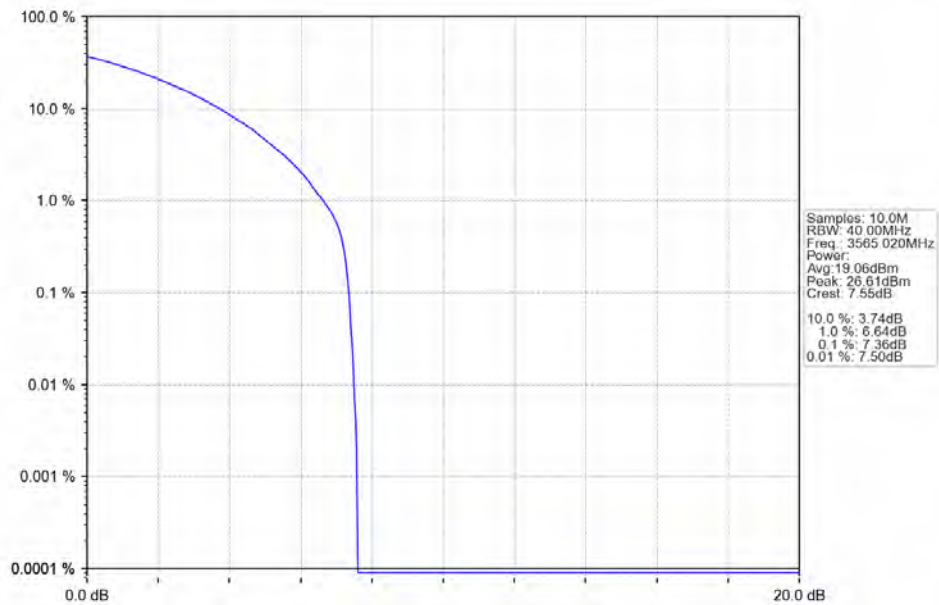




n48 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3684.99MHz Outer Full Ant1

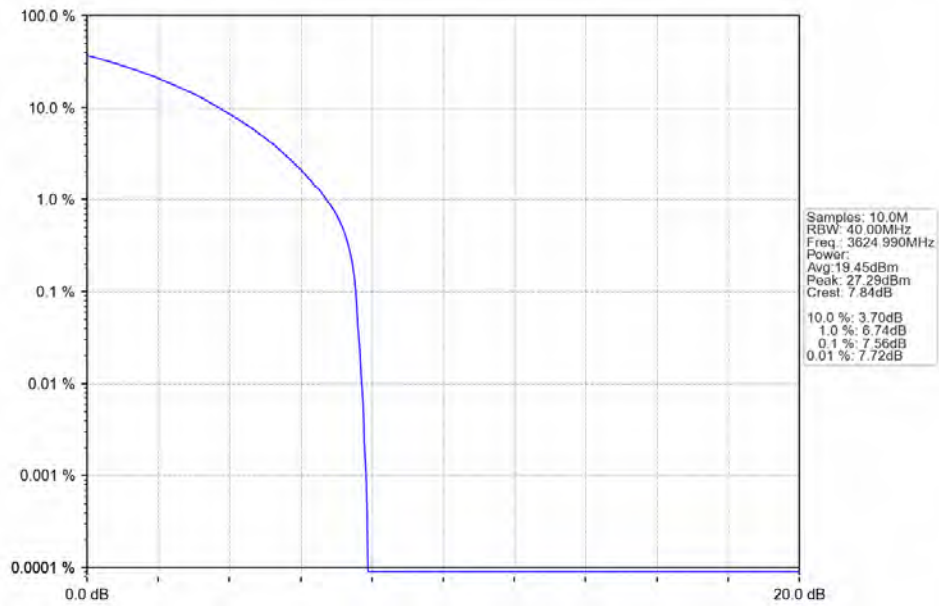


n48 30kHz SISO NTN 30MHz CP-OFDM QPSK 3565.02MHz Outer Full Ant1

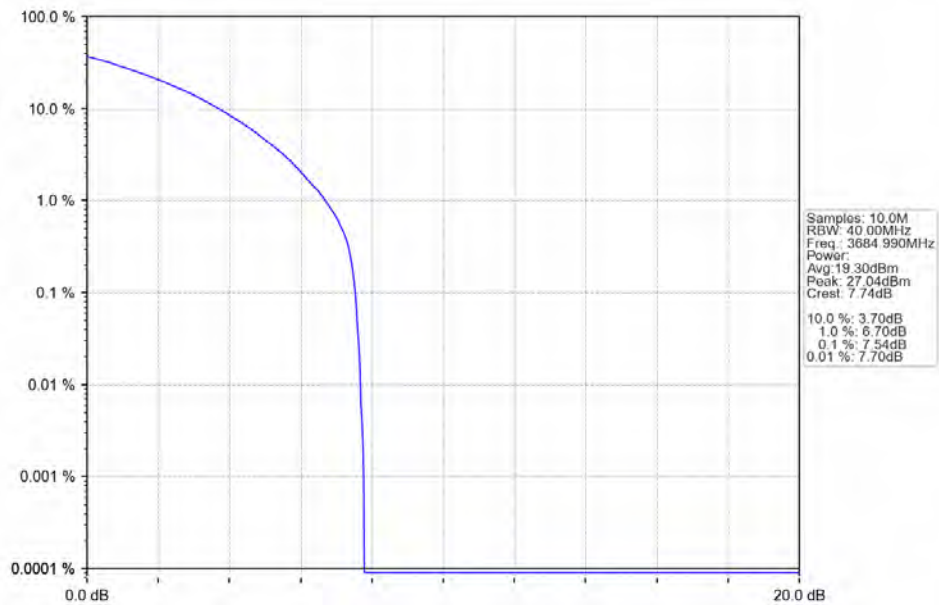




n48 30kHz SISO NTN 30MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1

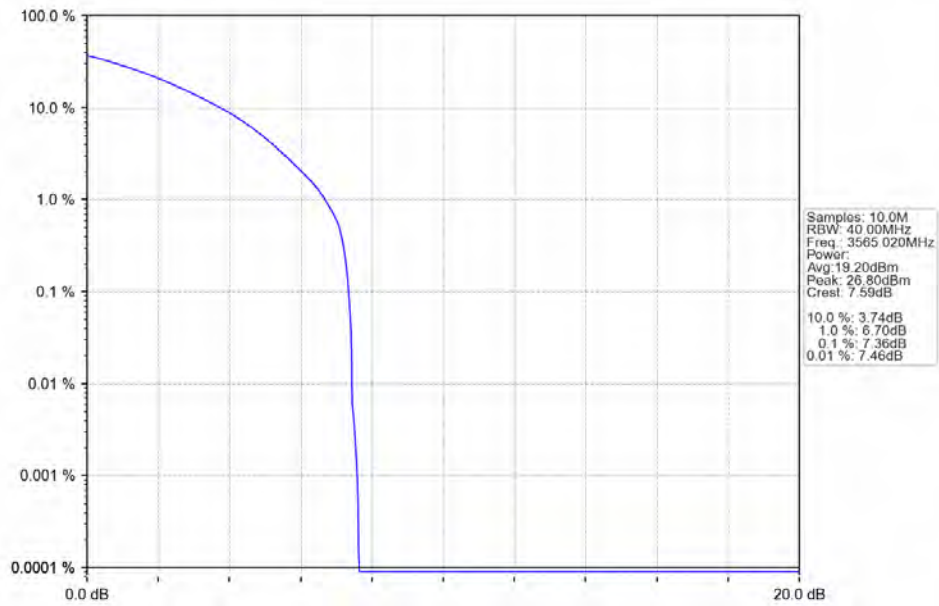


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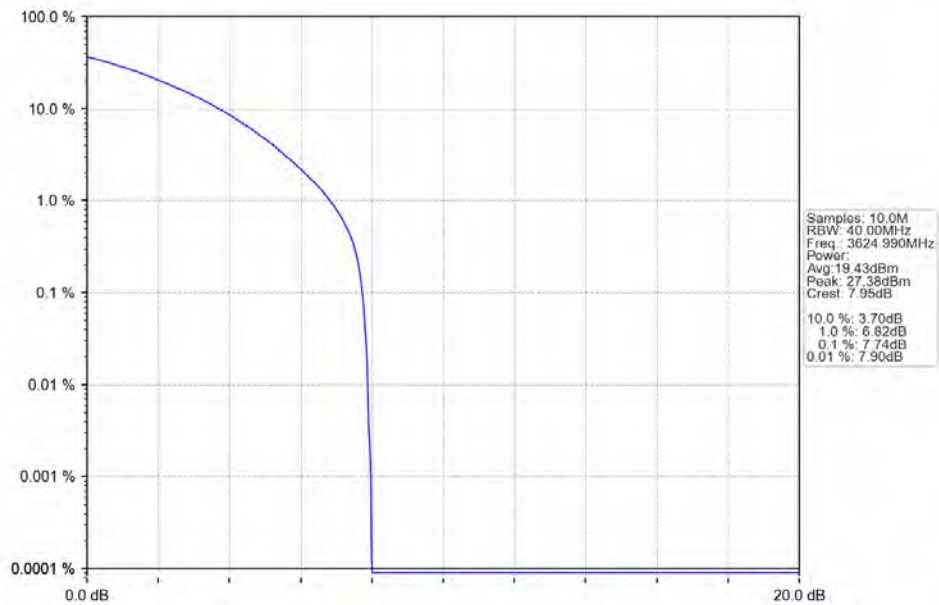




n48 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 3565.02MHz Outer Full Ant1

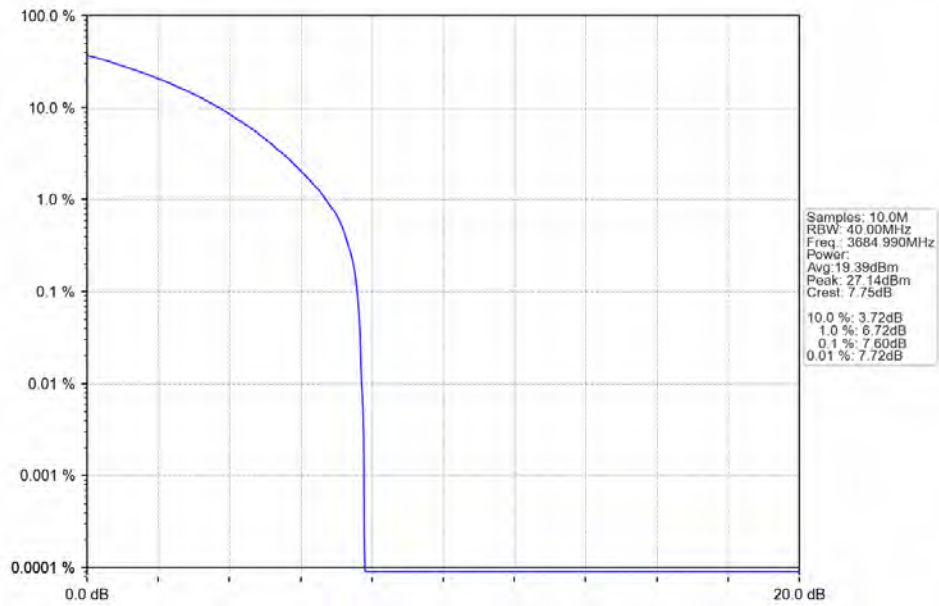


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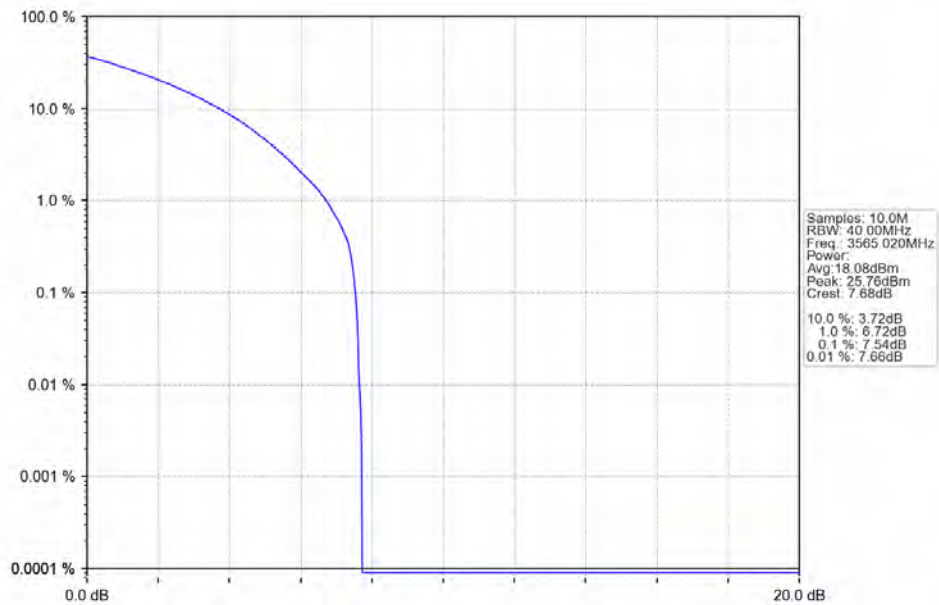




n48 30kHz SISO NTV 30MHz CP-OFDM 16 QAM 3684.99MHz Outer Full Ant1

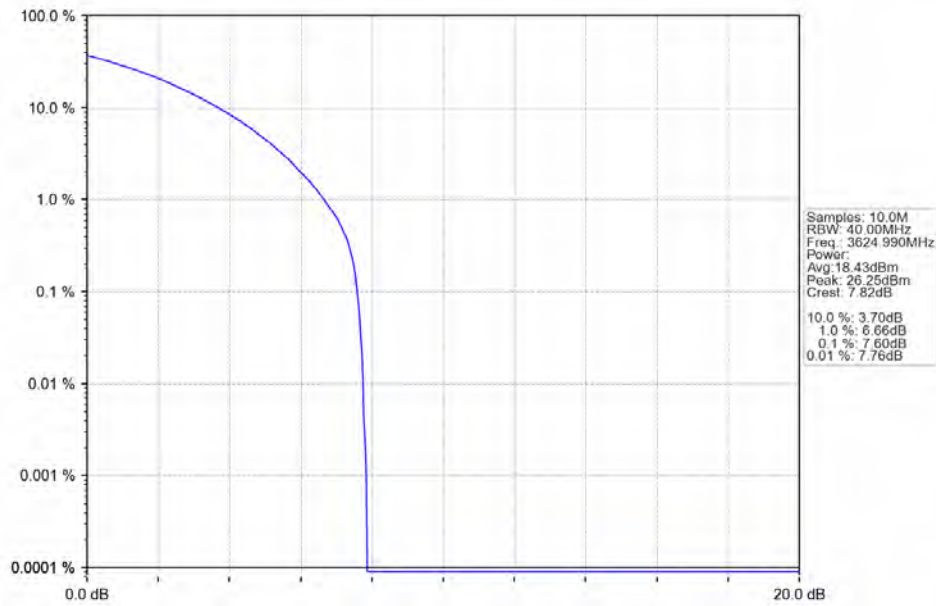


n48 30kHz SISO NTV 30MHz CP-OFDM 64 QAM 3565.02MHz Outer Full Ant1

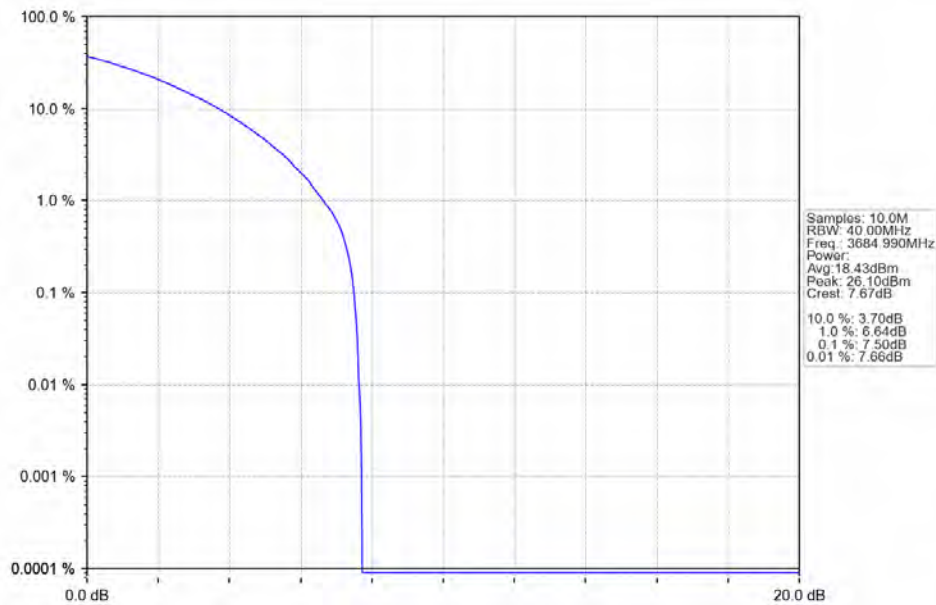




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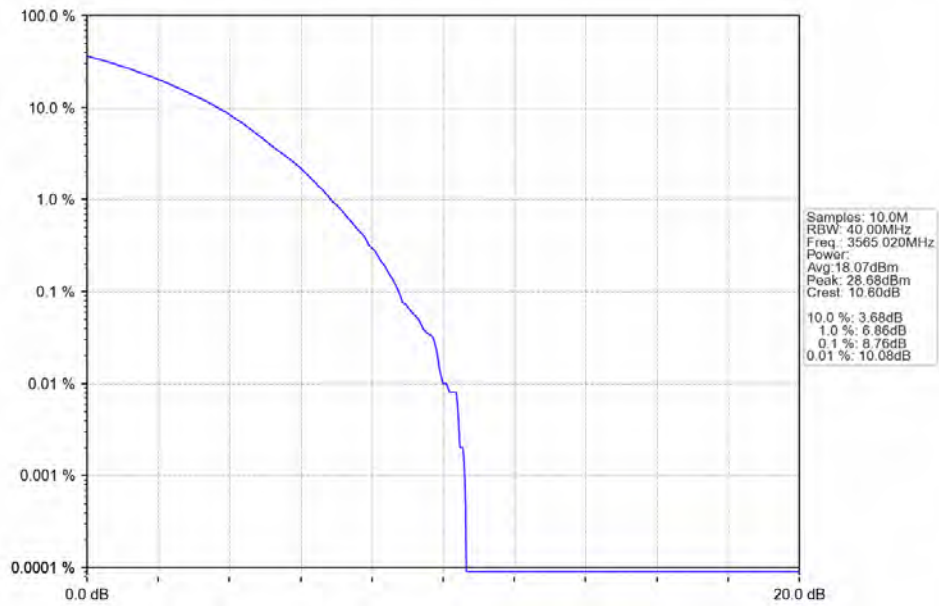


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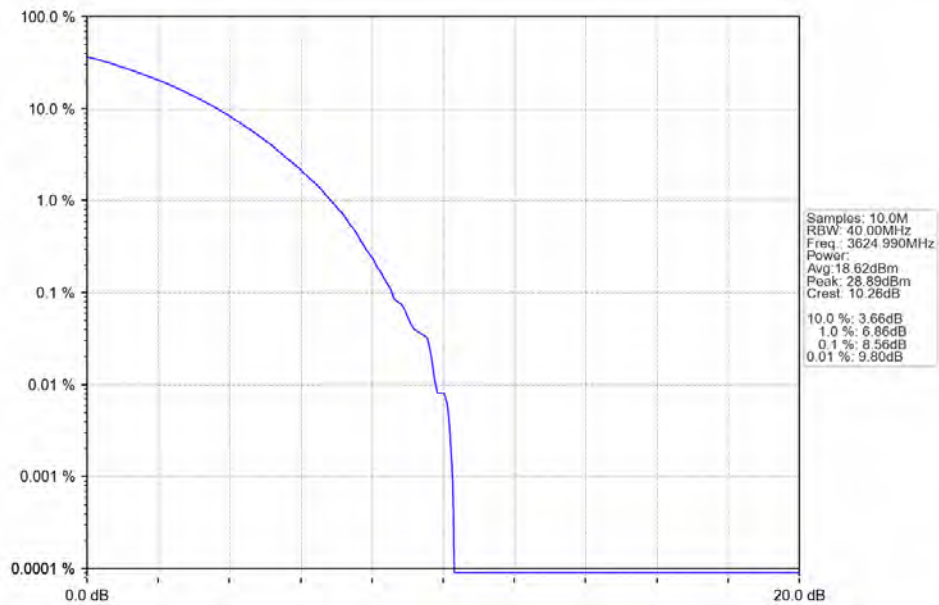




n48 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3565.02MHz Outer Full Ant1

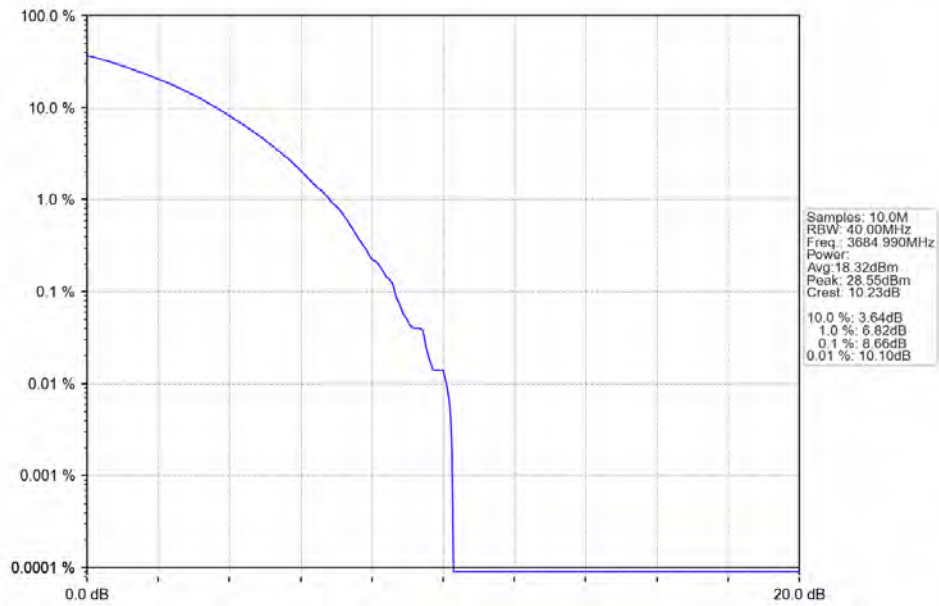


n48 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3624.99MHz Outer Full Ant1





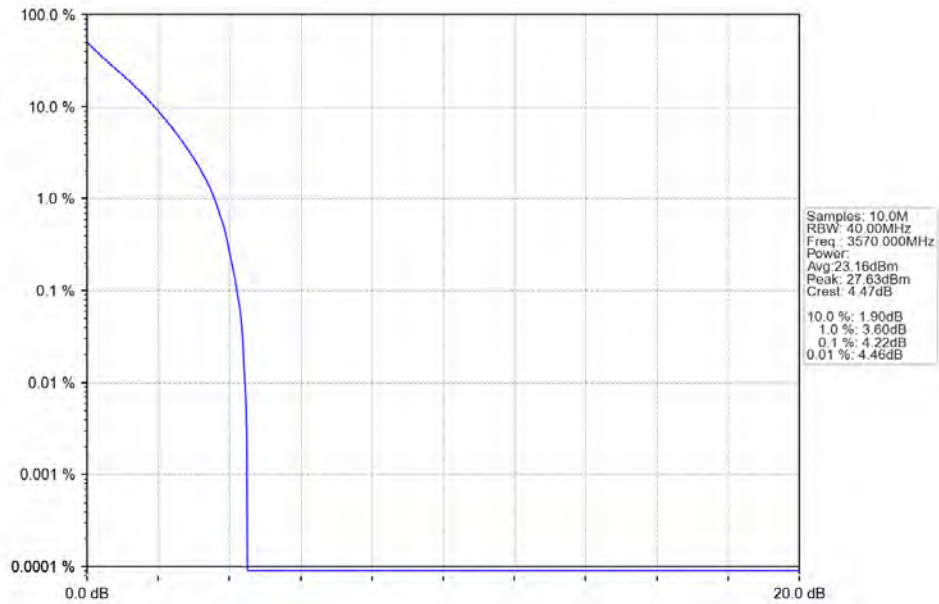
n48 30kHz SISO_NTNV_30MHz_CP-OFDM_256_QAM_3684.99MHz_Outer_Full_Ant1



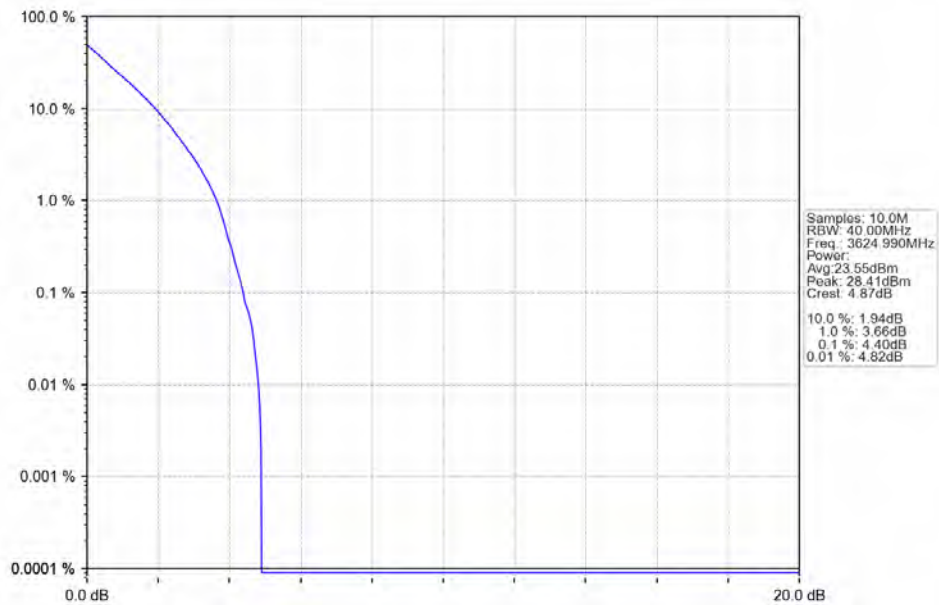


5.2.4 30k_SISO_40MHz_NTNV

n48 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3570MHz Outer Full Ant1

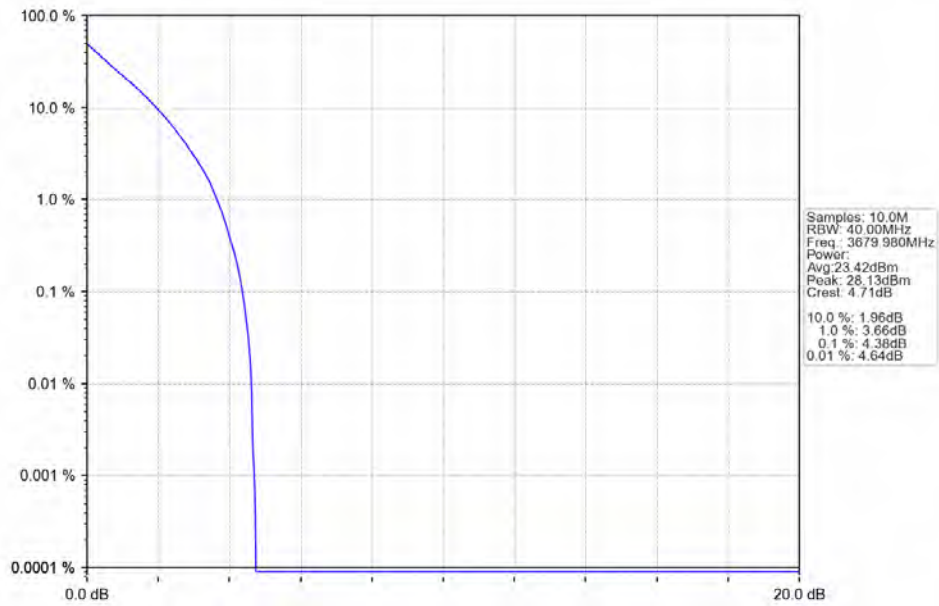


n48 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Outer Full Ant1

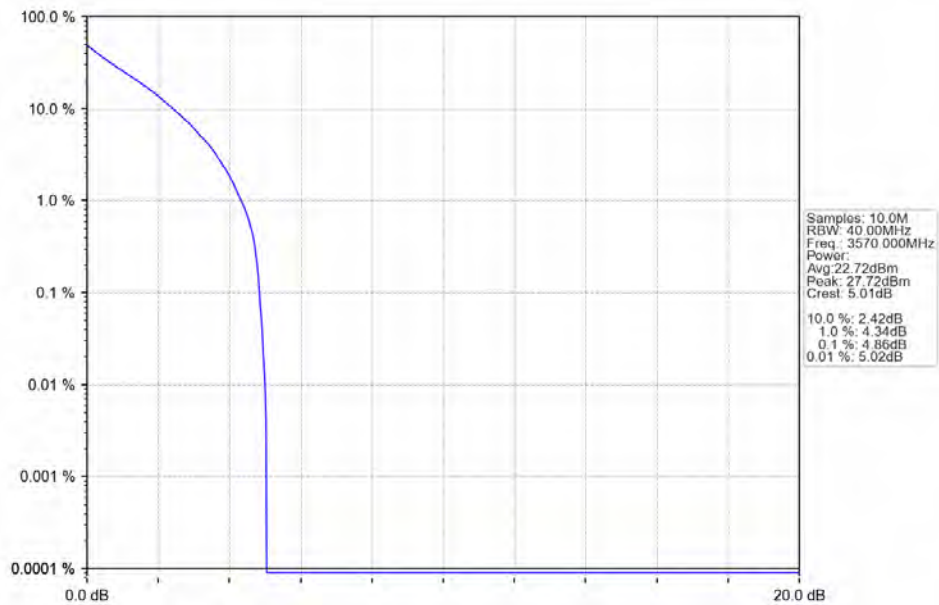




n48 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3679.98MHz Outer Full Ant1

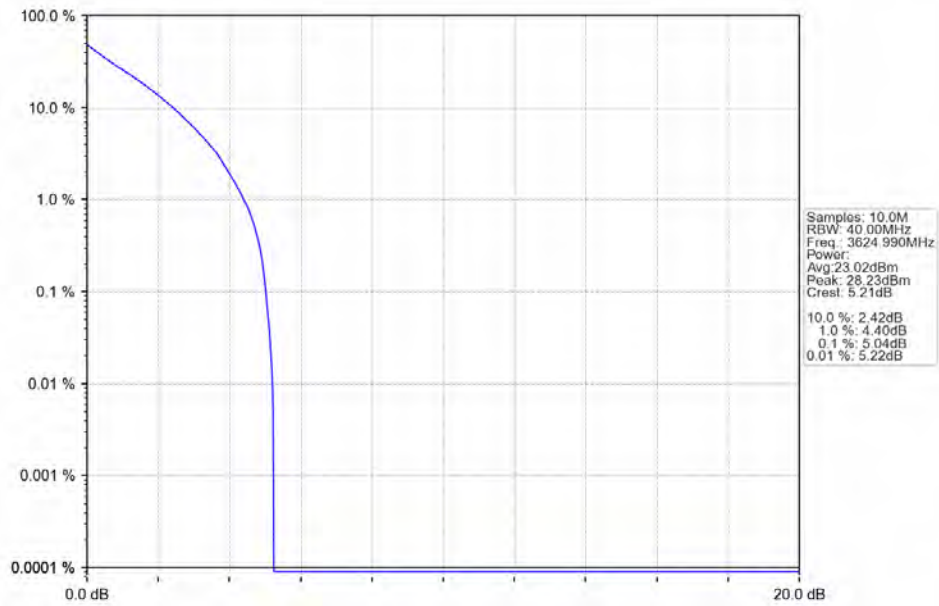


n48 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3570MHz Outer Full Ant1

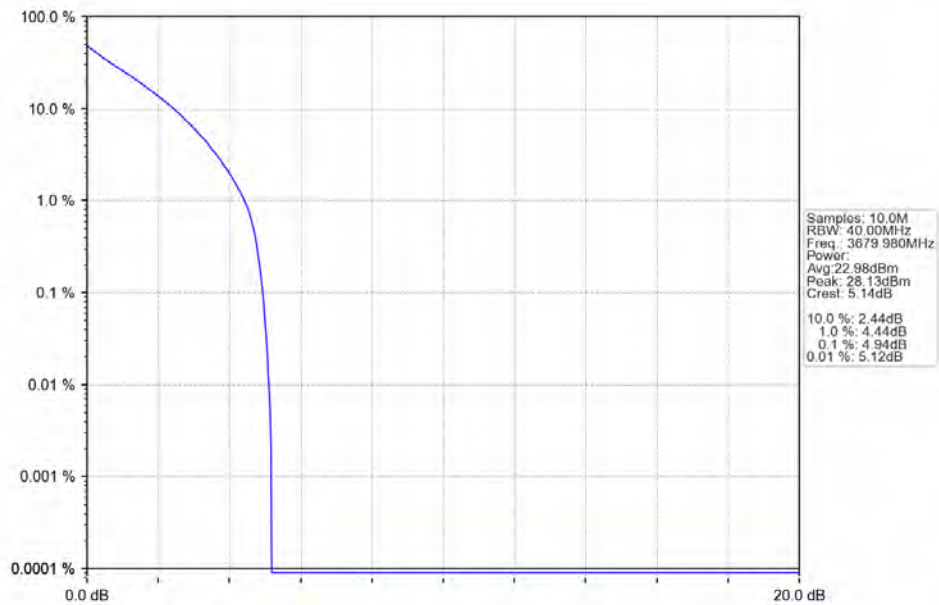




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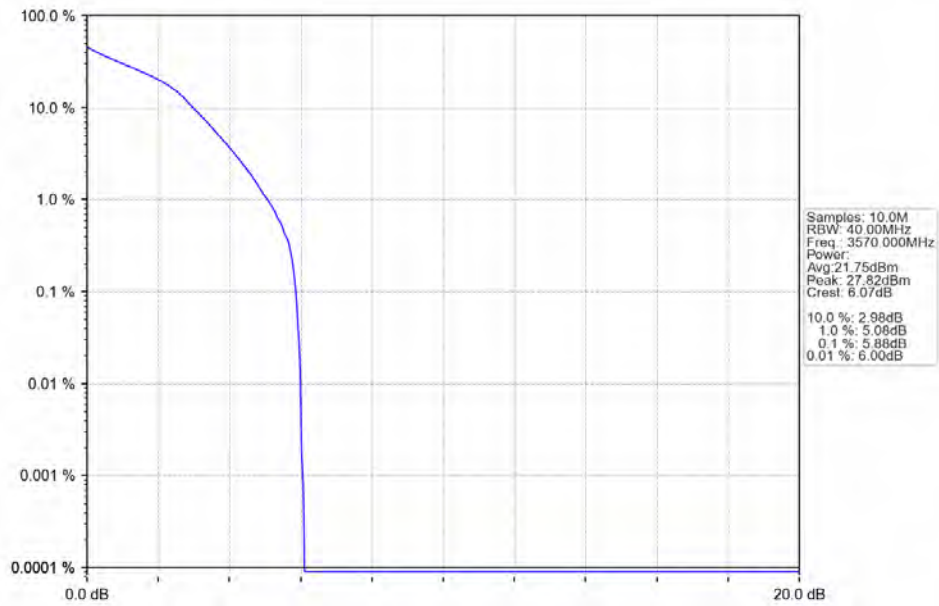


n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3679.98MHz_Outer_Full_Ant1

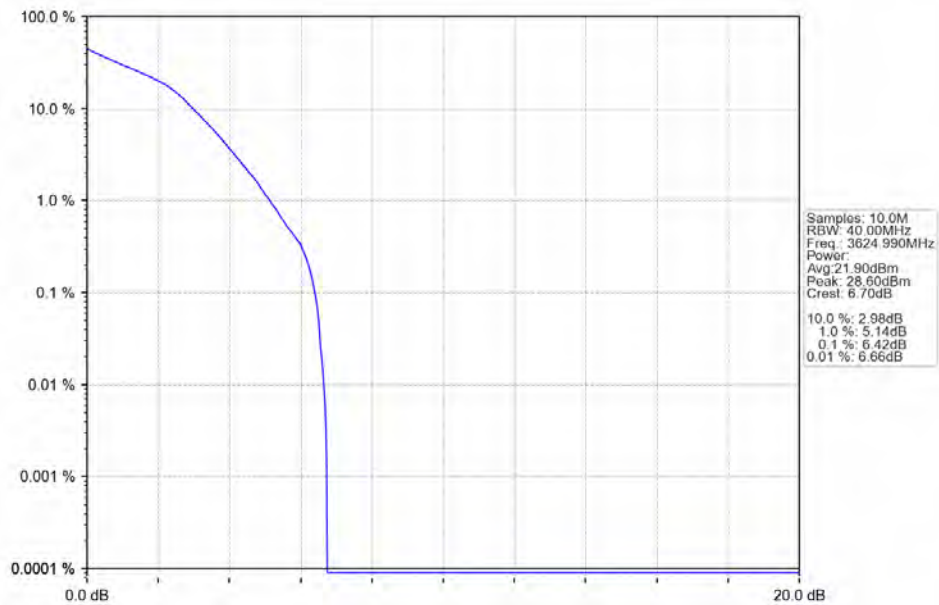




n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3570MHz Outer Full Ant1

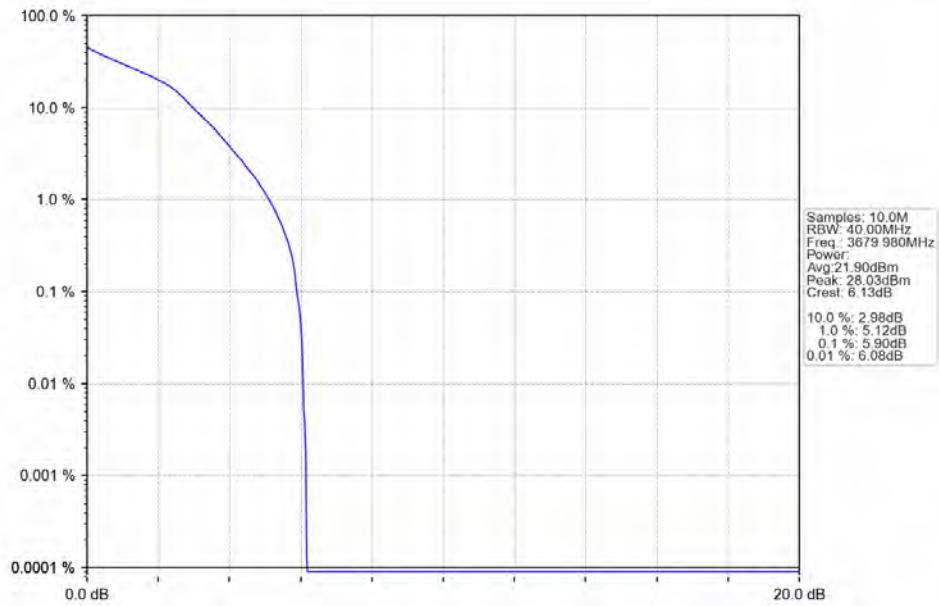


n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3624.99MHz Outer Full Ant1

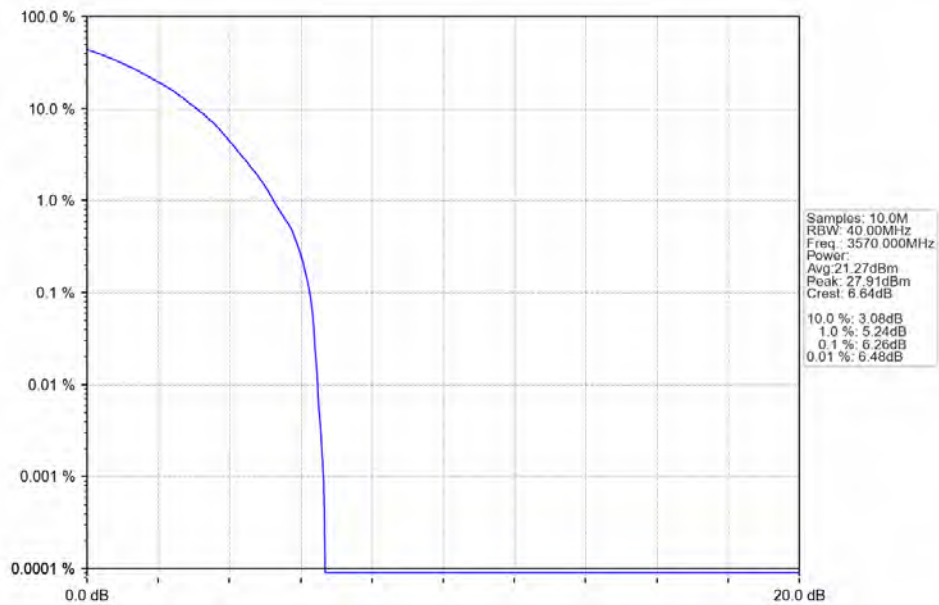




n48 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3679.98MHz Outer Full Ant1

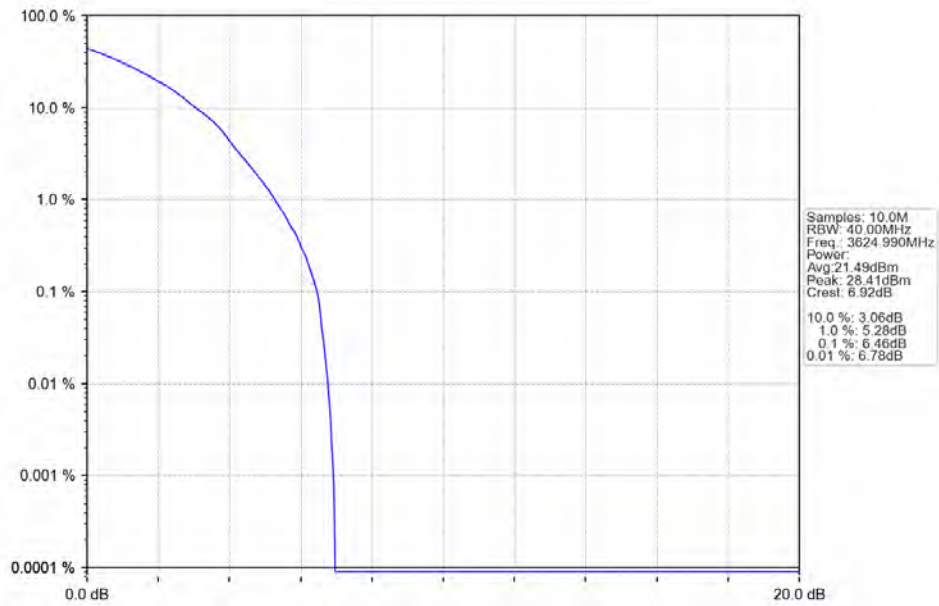


n48 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3570MHz Outer Full Ant1

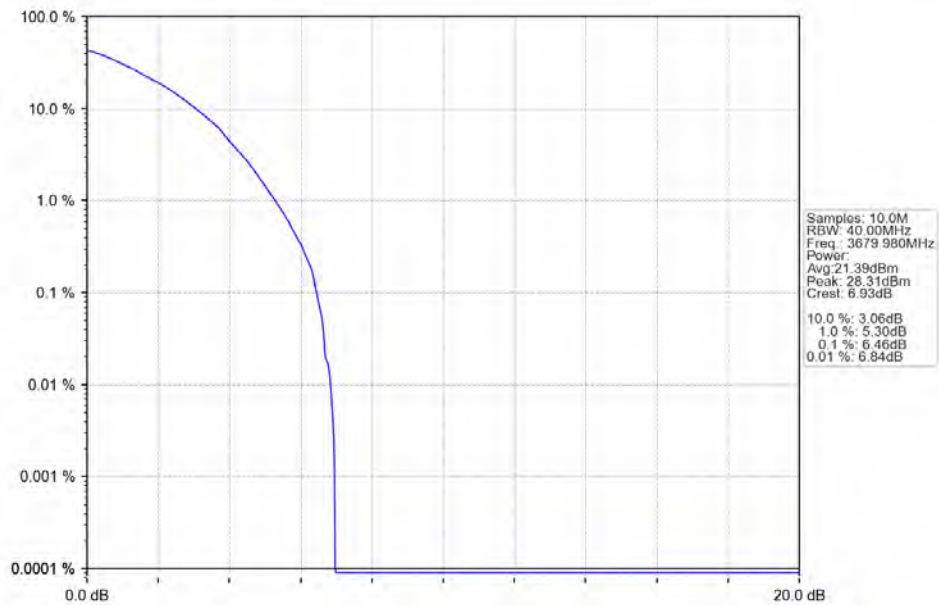




n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1

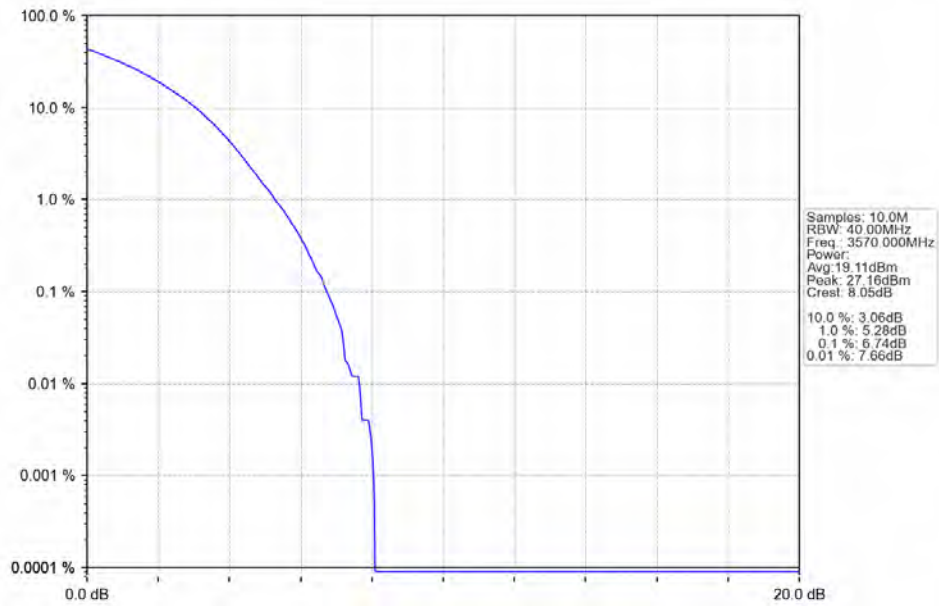


n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3679.98MHz_Outer_Full_Ant1

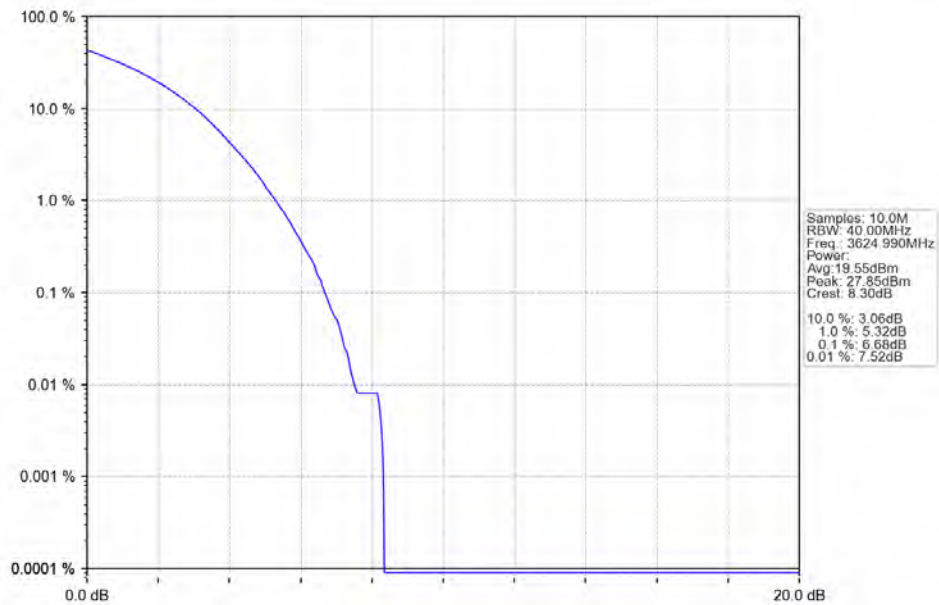




n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3570MHz Outer Full Ant1

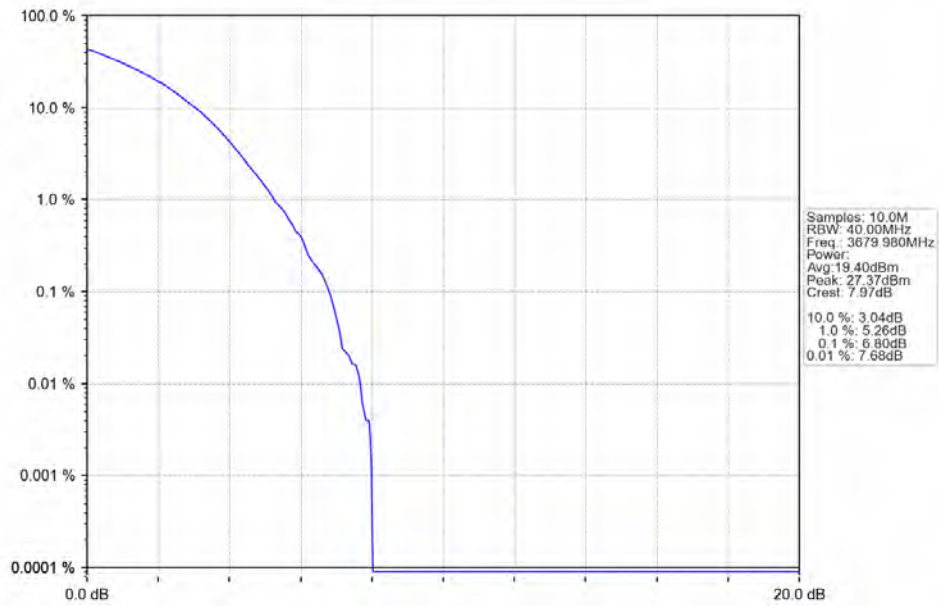


n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full Ant1

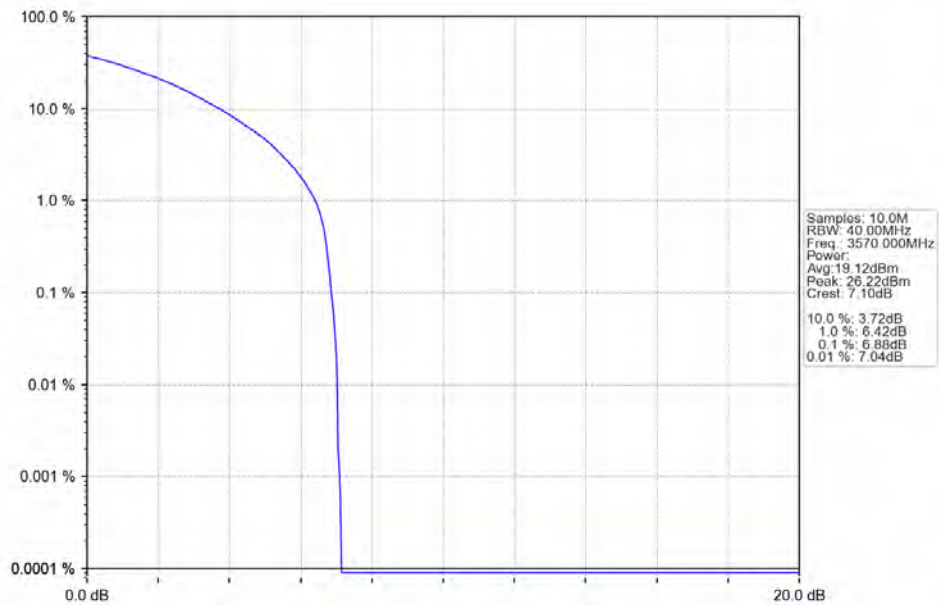




n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3679.98MHz Outer Full Ant1

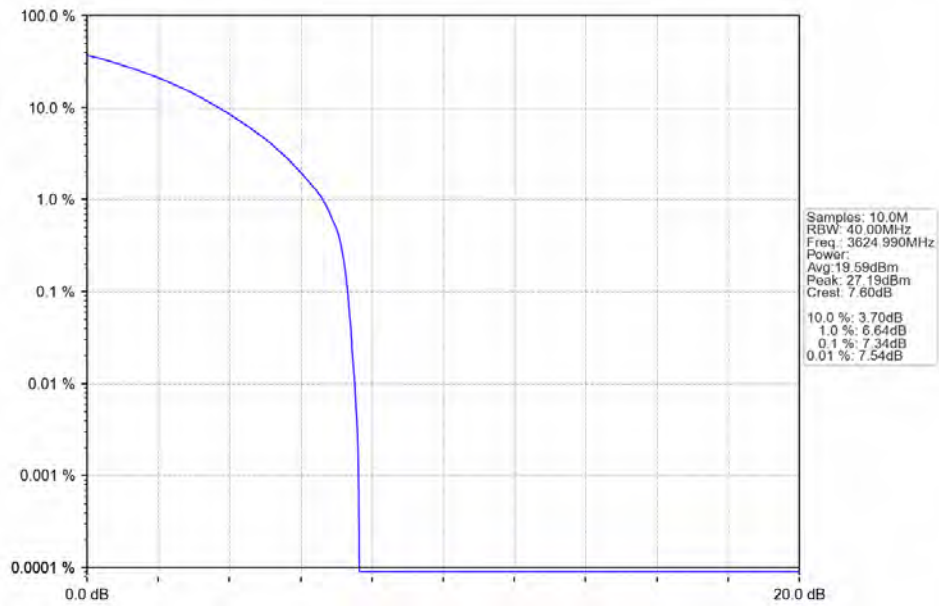


n48 30kHz SISO NTN 40MHz CP-OFDM QPSK 3570MHz Outer Full Ant1





n48 30kHz SISO NTN 40MHz CP-OFDM QPSK 3624.99MHz Outer Full Ant1



n48 30kHz SISO NTN 40MHz CP-OFDM QPSK 3679.98MHz Outer Full Ant1

