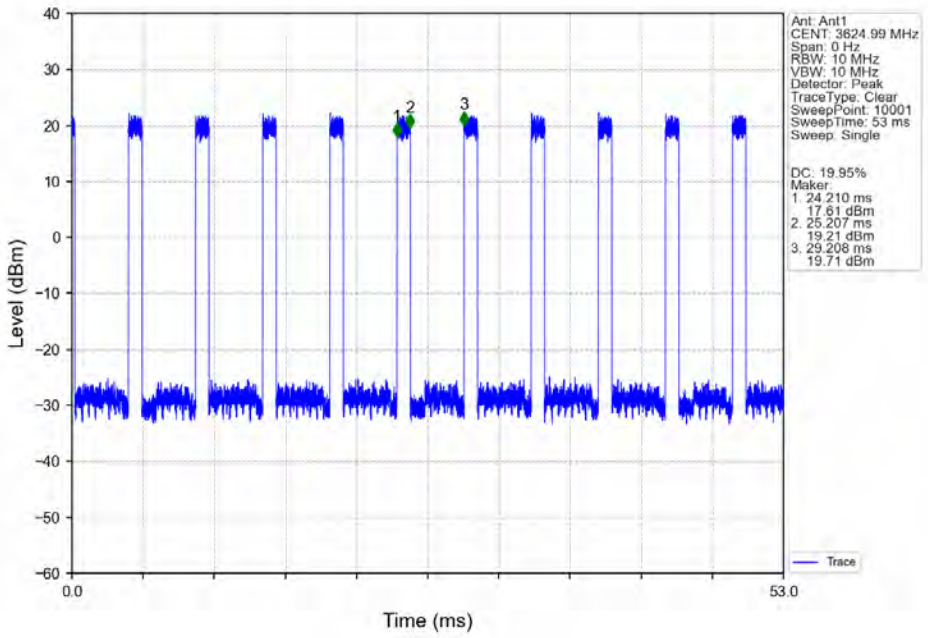
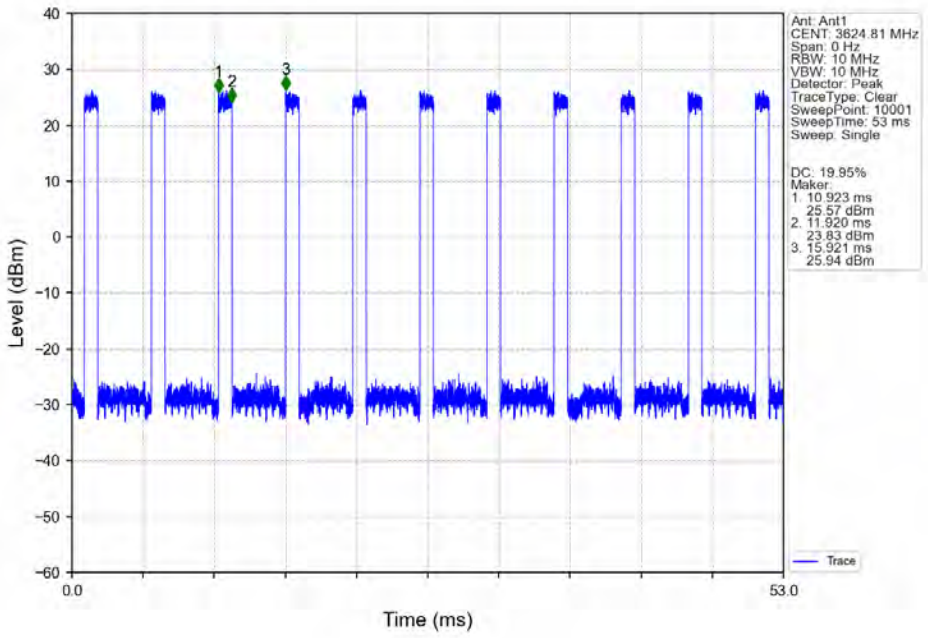
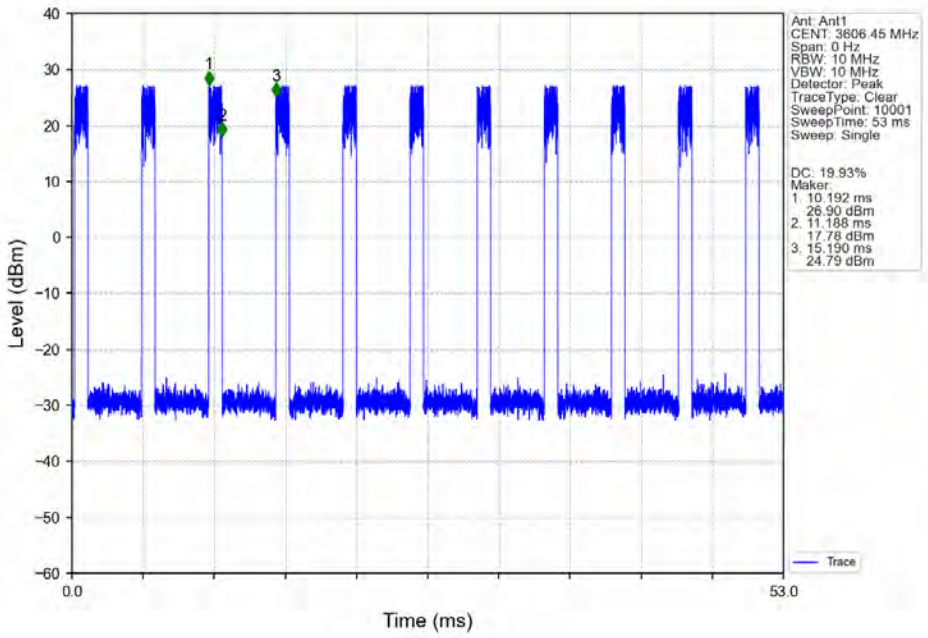
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



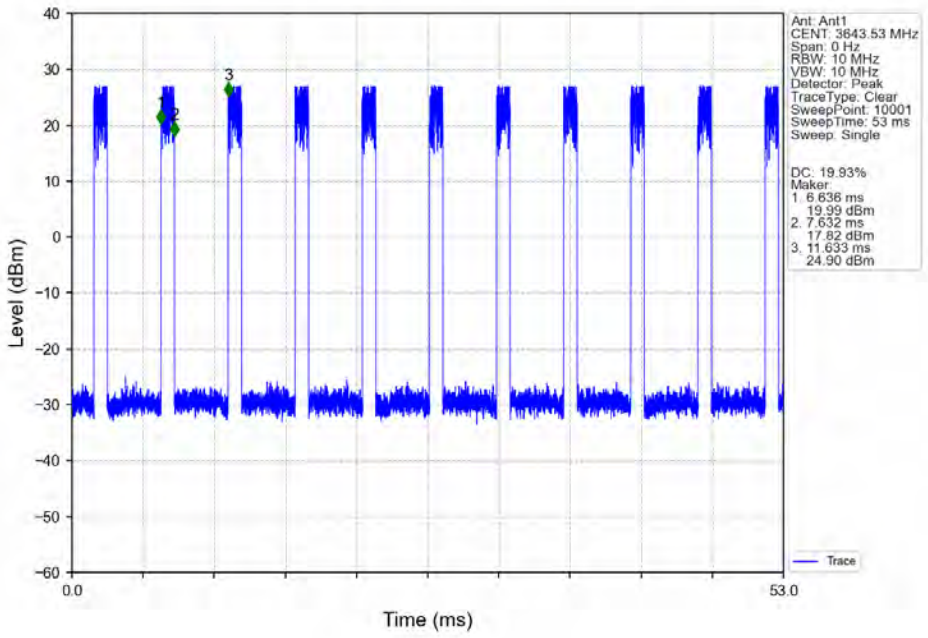
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_Full_Ant1



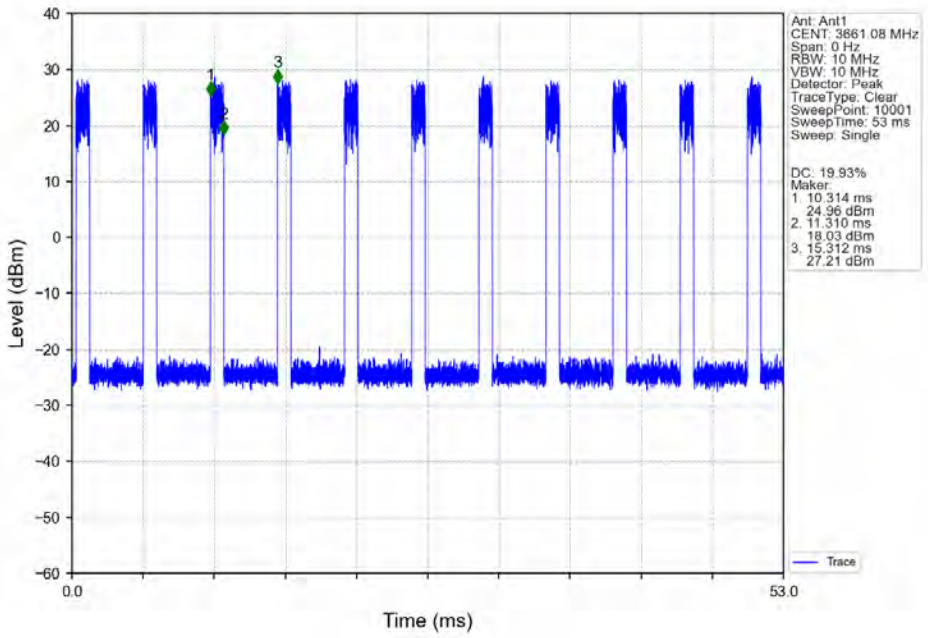
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_1RB_Left_Ant1



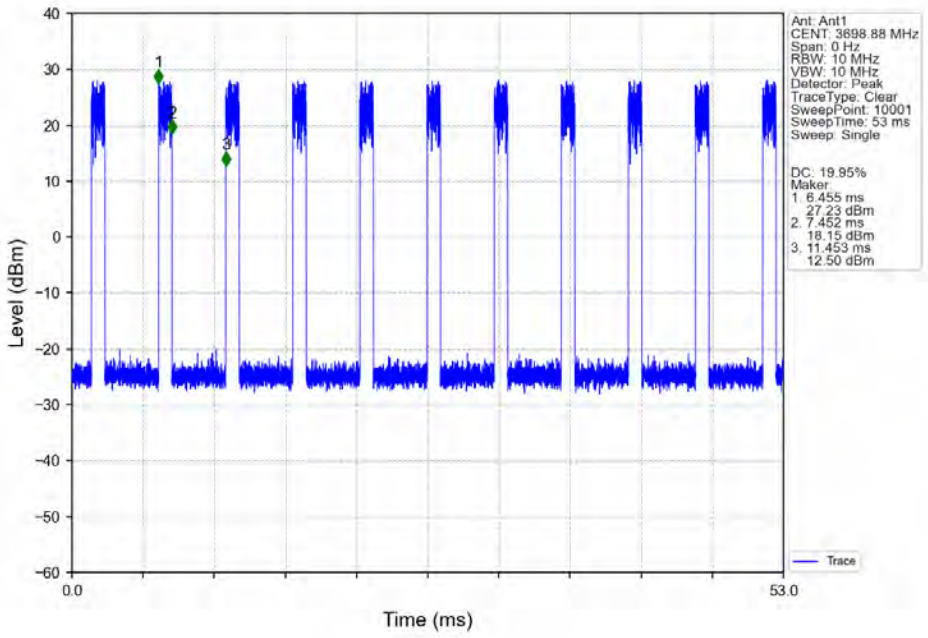
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_1RB_Right_Ant1



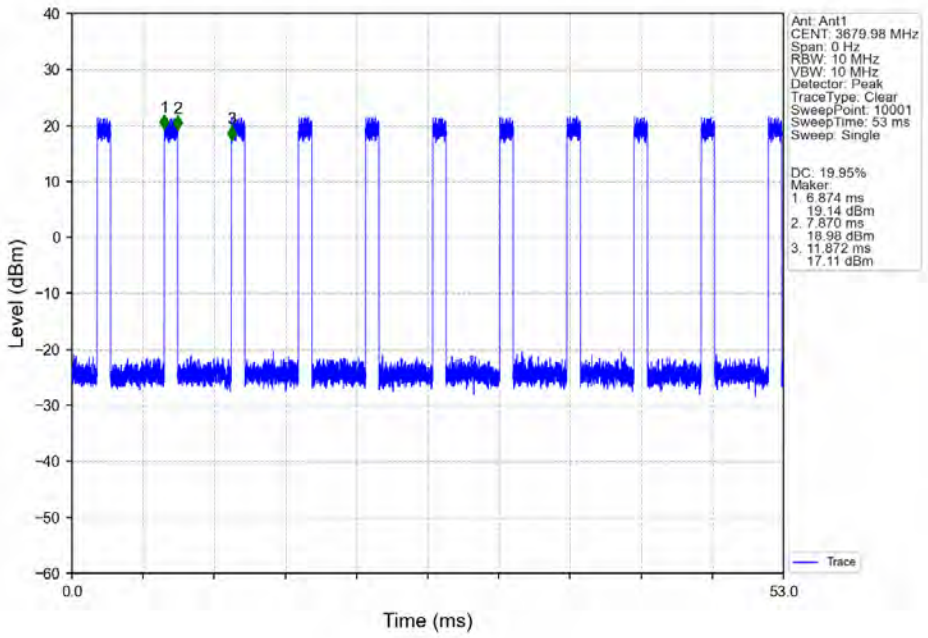
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Edge_1RB_Left_Ant1



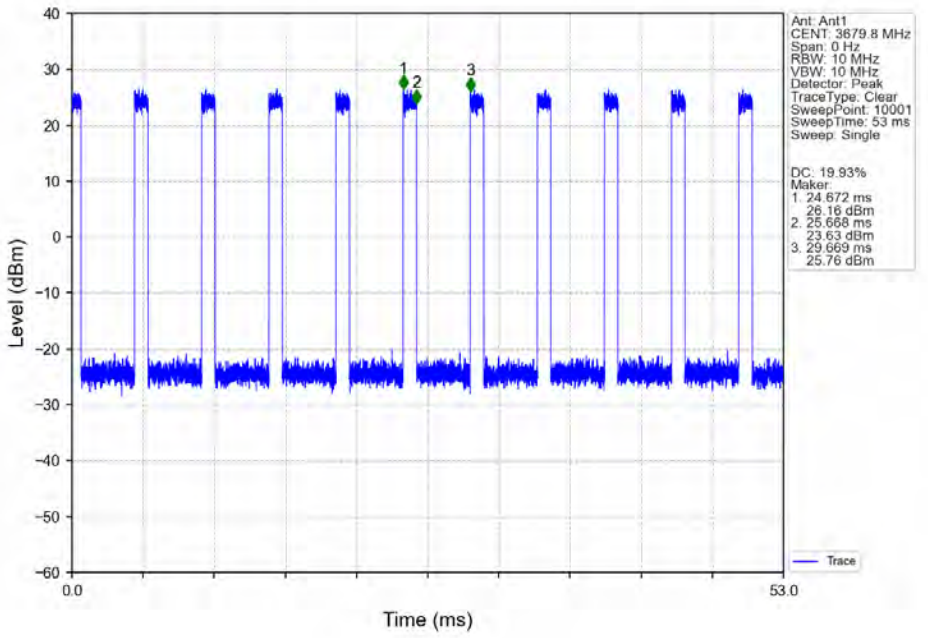
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Edge_1RB_Right_Ant1



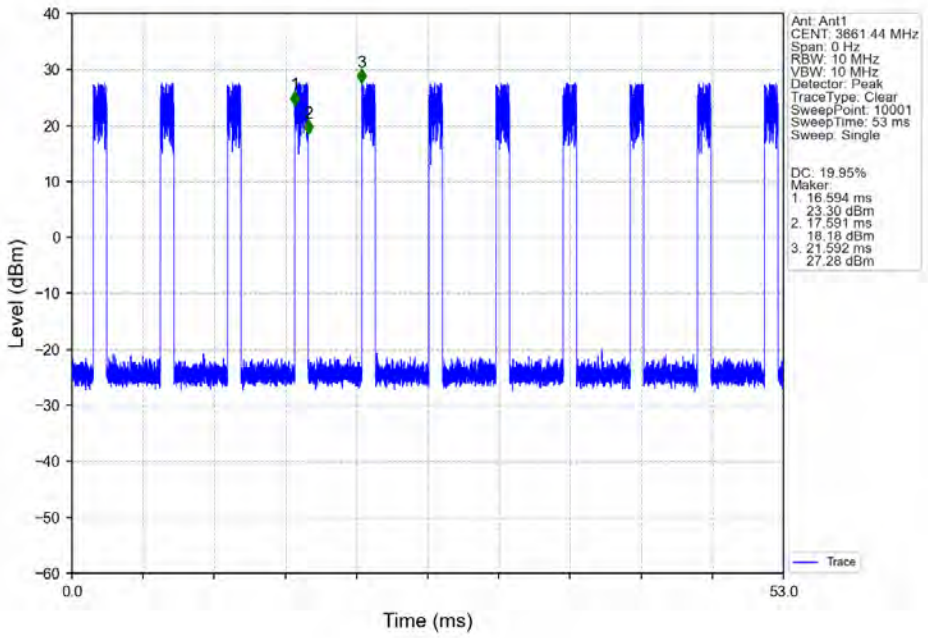
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full_Ant1



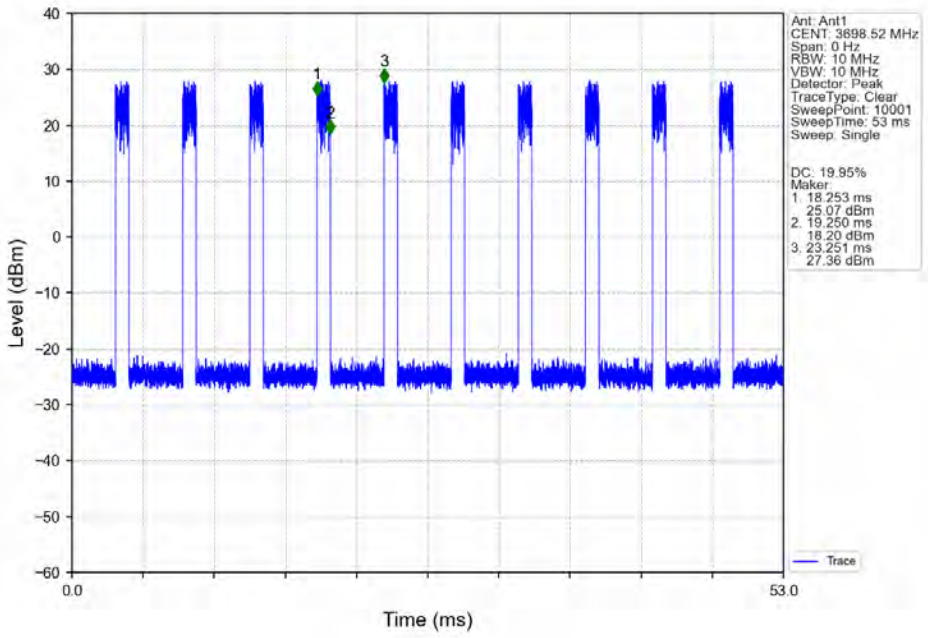
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_Full_Ant1



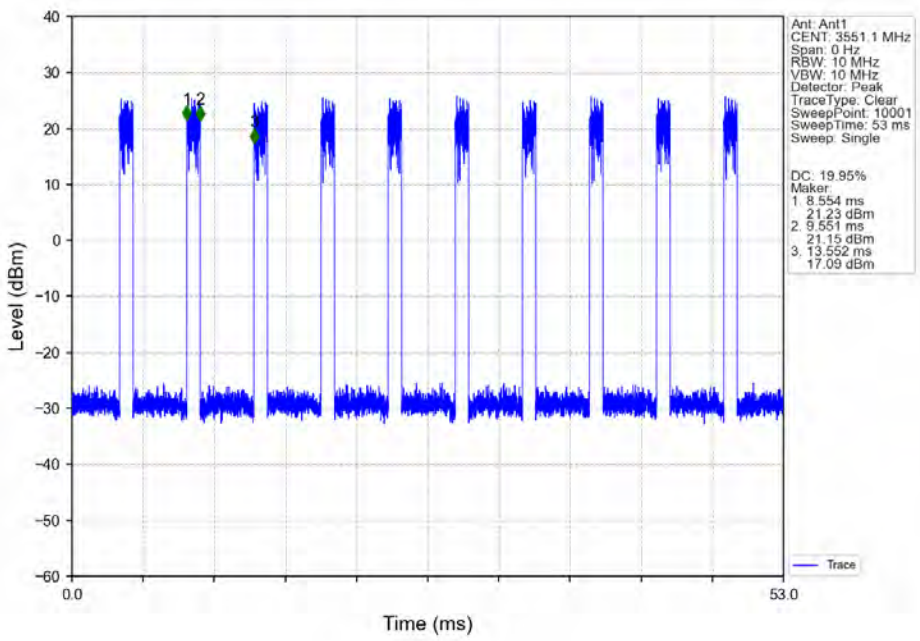
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_1RB_Left_Ant1



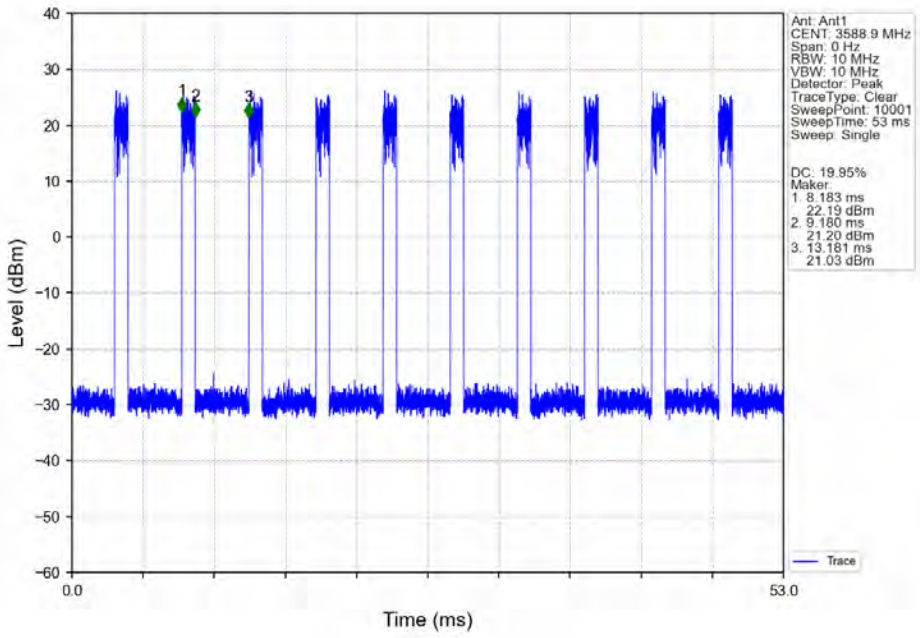
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Inner_1RB_Right_Ant1



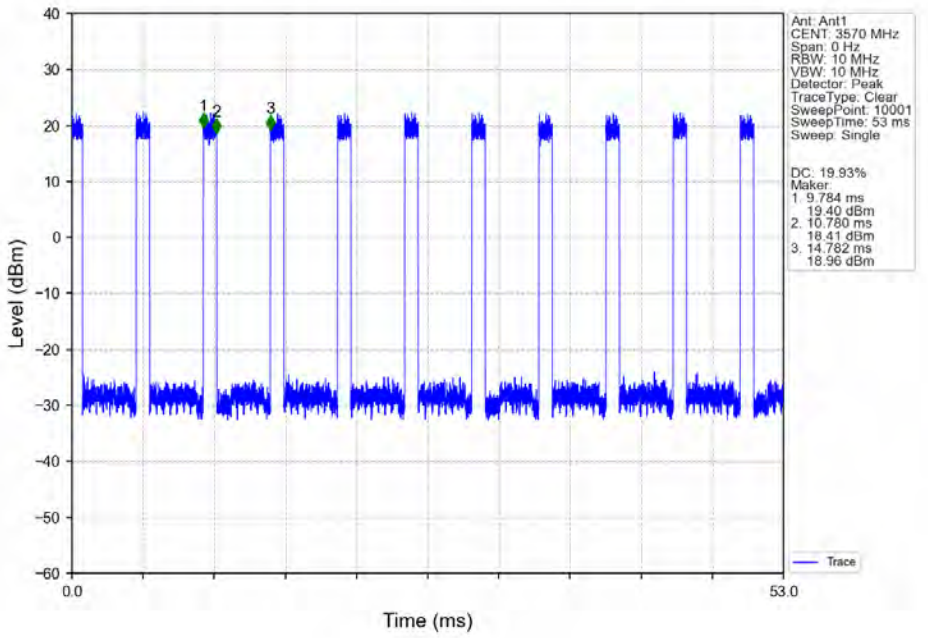
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Edge_1RB_Left_Ant1



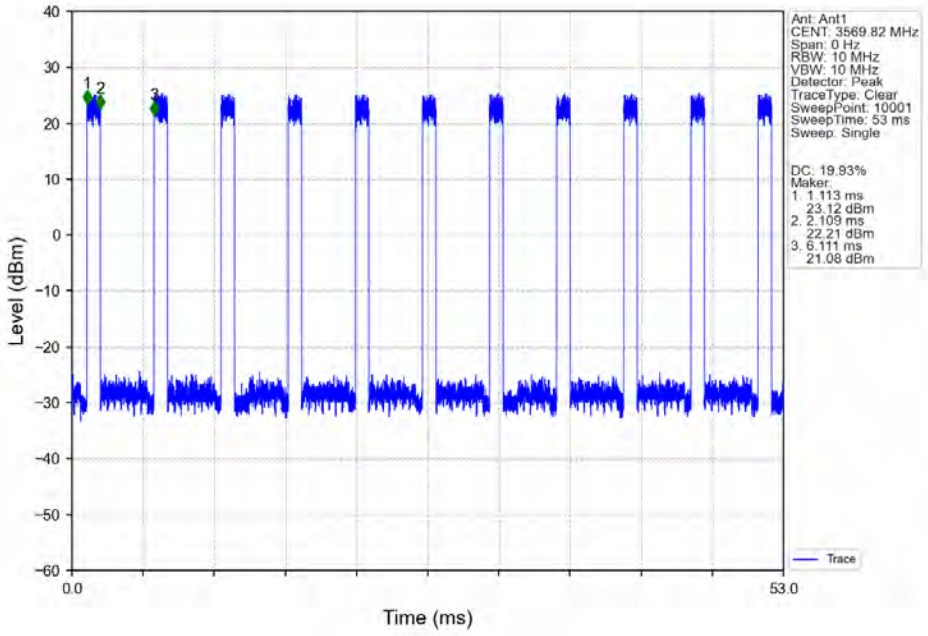
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Edge_1RB_Right_Ant1



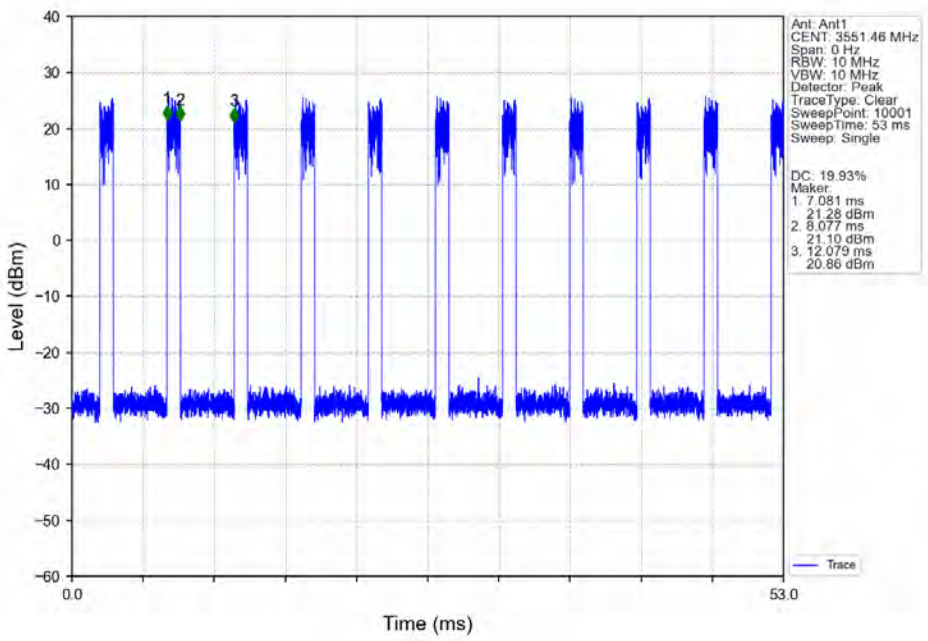
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full_Ant1



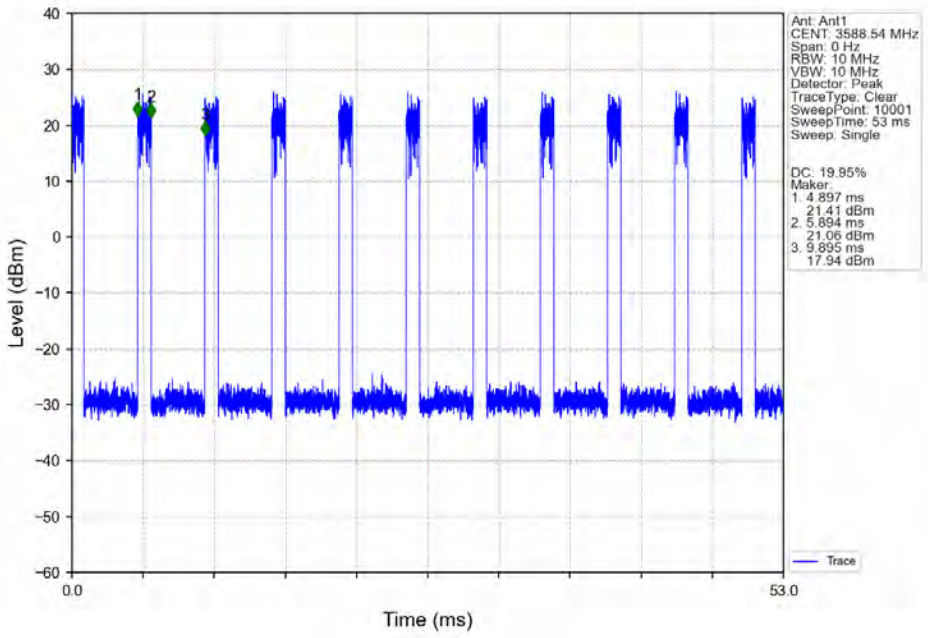
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Inner_Full_Ant1



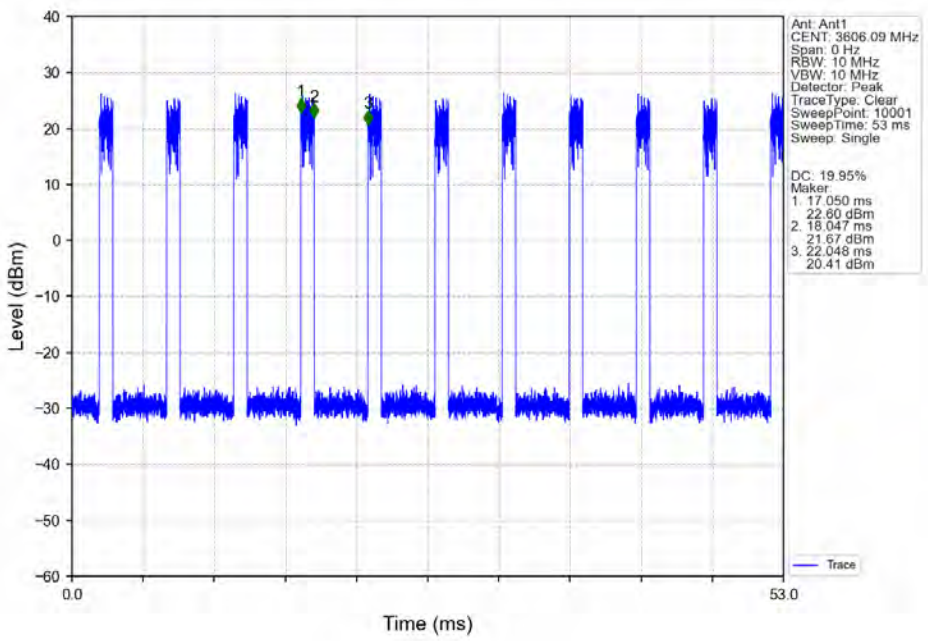
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Inner_1RB_Left_Ant1



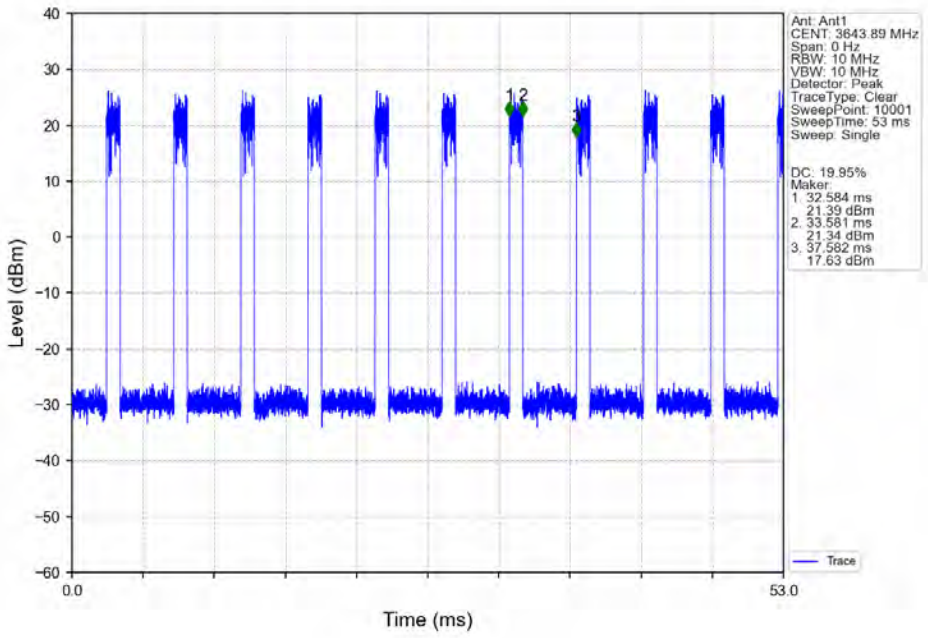
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Inner_1RB_Right_Ant1



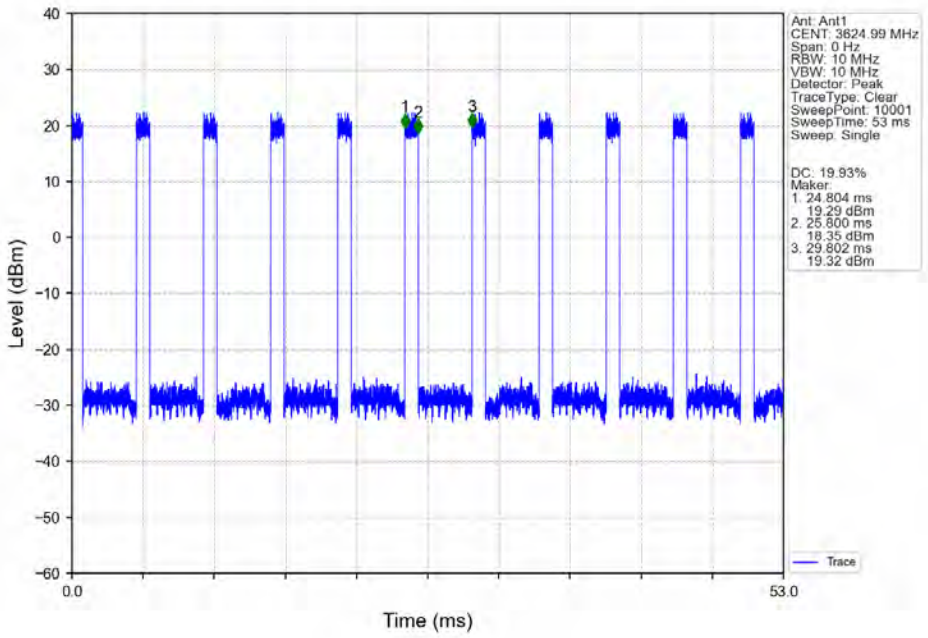
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Left_Ant1



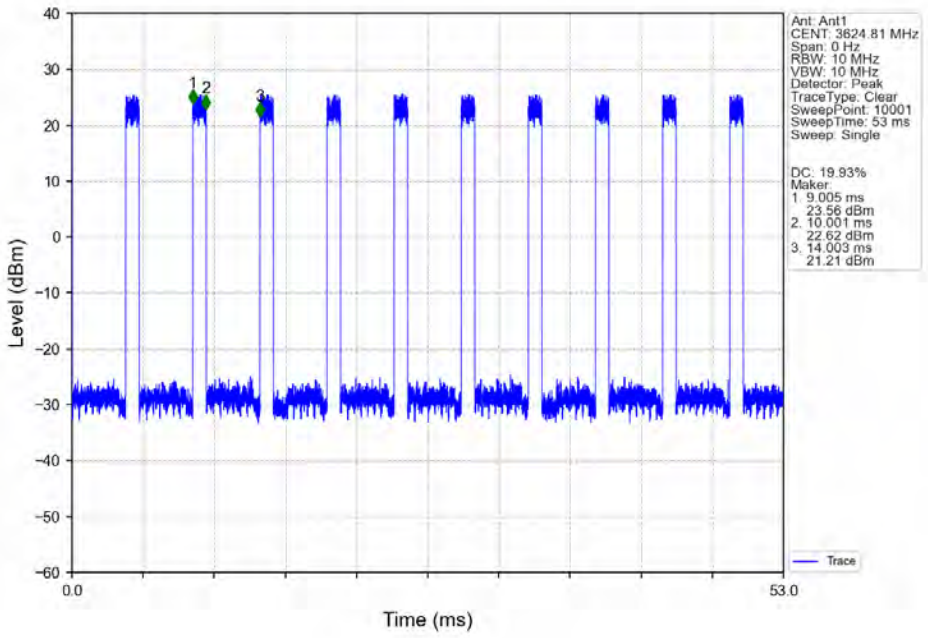
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Right_Ant1



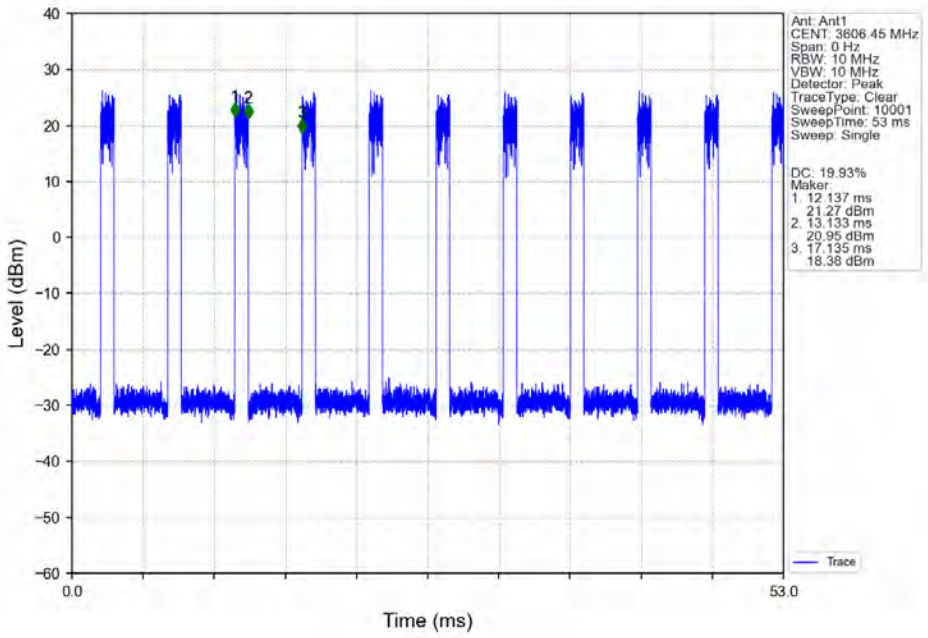
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



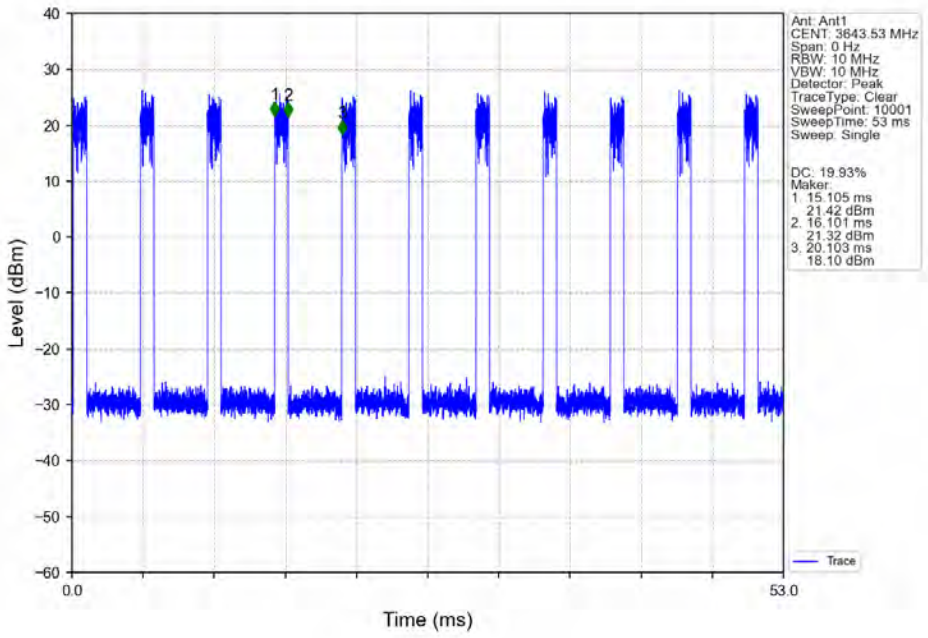
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_Full_Ant1



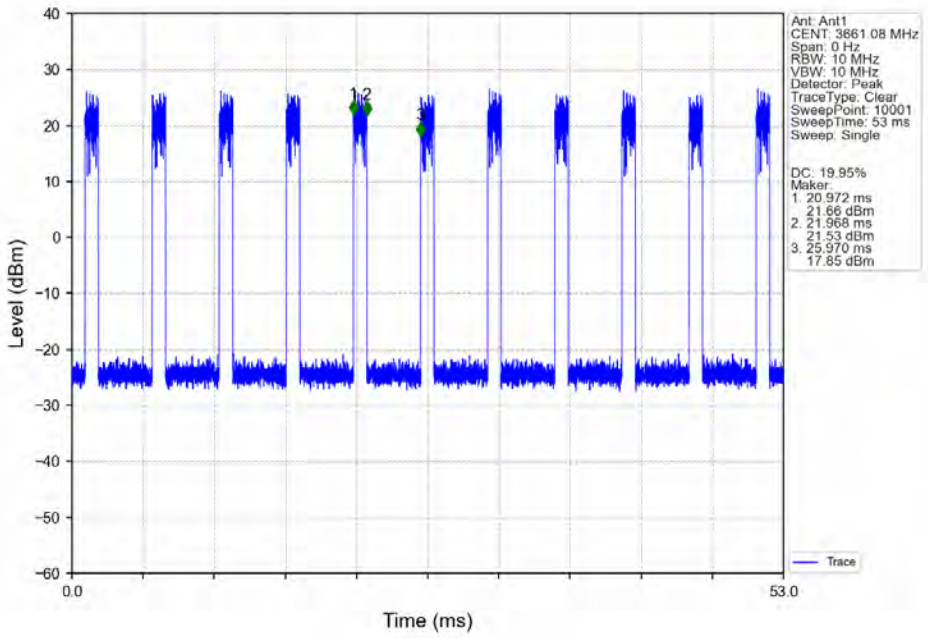
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Left_Ant1



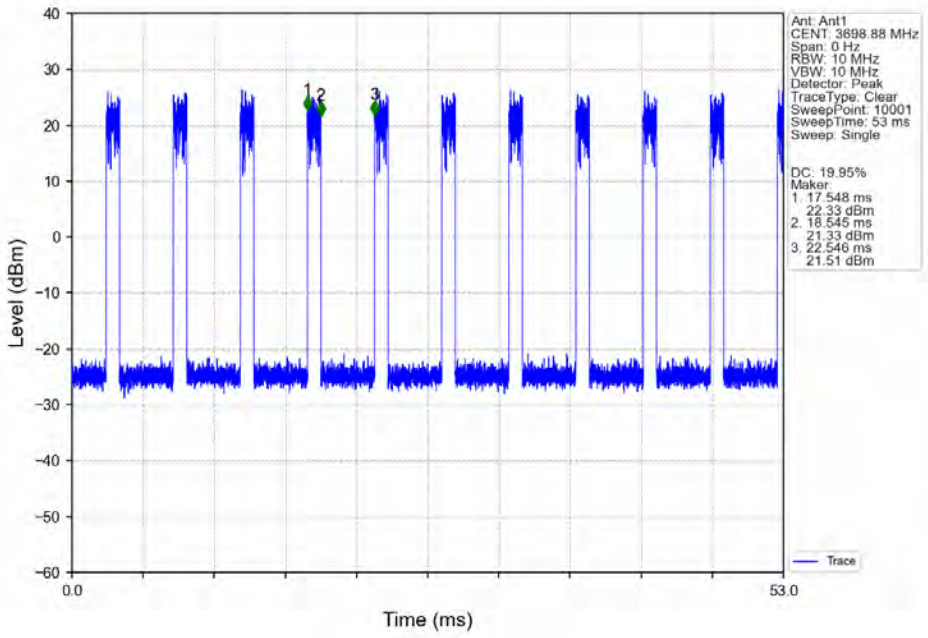
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Right_Ant1



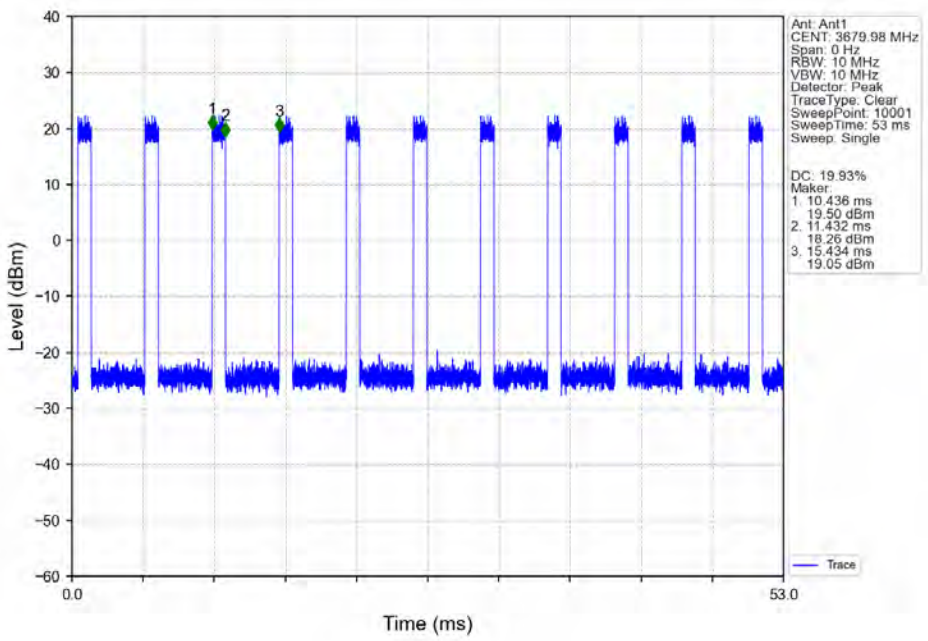
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Edge_1RB_Left_Ant1



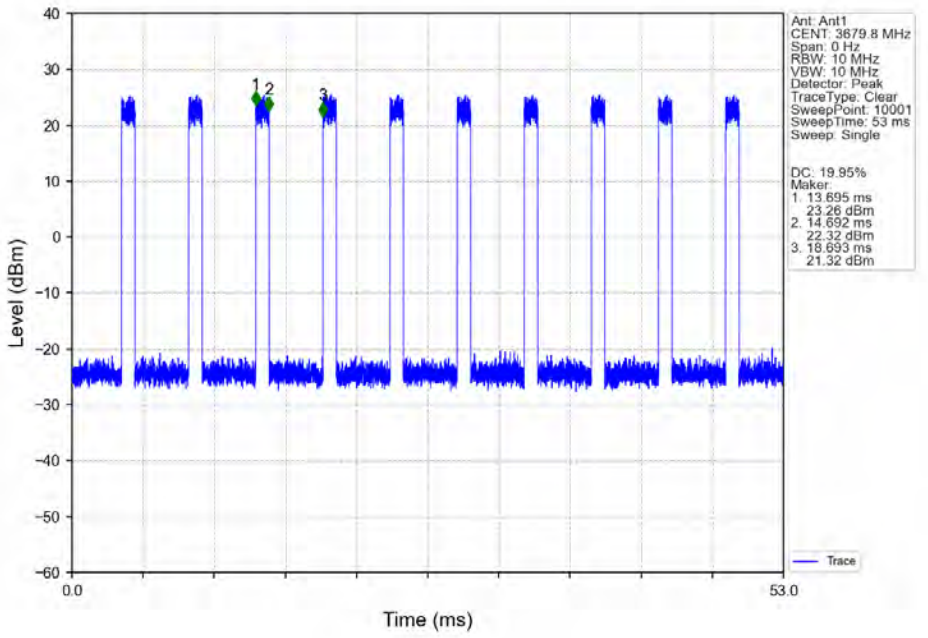
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Edge_1RB_Right_Ant1



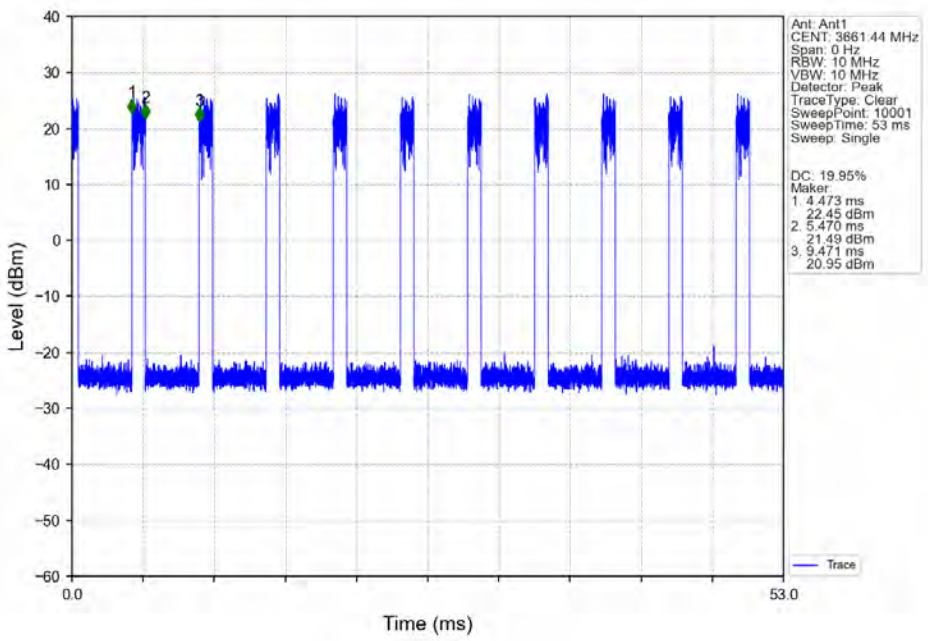
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Outer_Full_Ant1



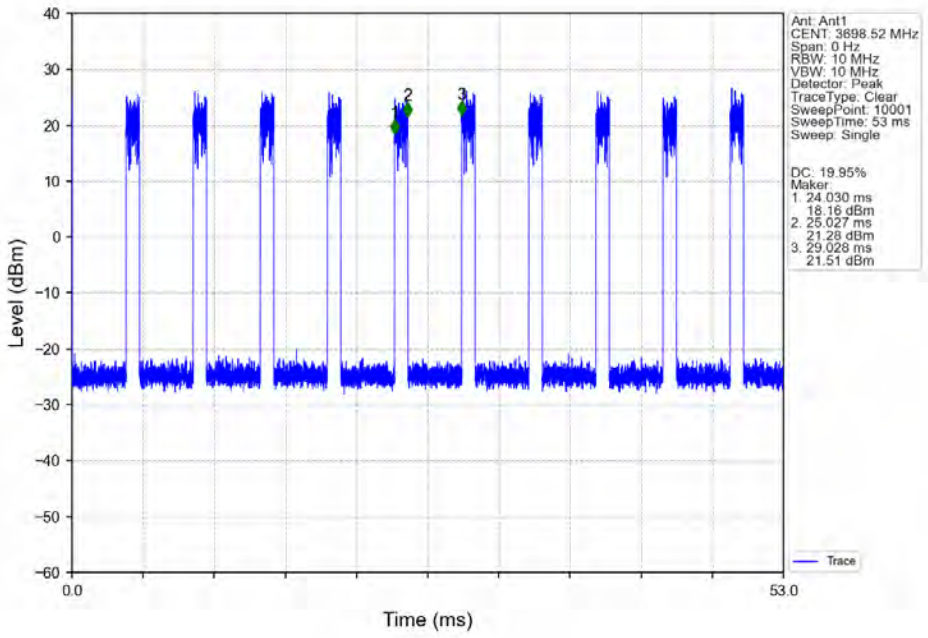
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Inner_Full_Ant1



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 NTNV										
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	23.03	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	23.22	/	/	<=30	Pass
		Outer_Full	23.18	/	/	23.32	/	/	<=30	Pass
		Inner_Full	23.67	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	23.86	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	22.94	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	23.13	/	/	<=30	Pass
		Outer_Full	22.94	/	/	23.08	/	/	<=30	Pass
		Inner_Full	23.50	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	23.72	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	23.22	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	23.26	/	/	<=30	Pass
		Outer_Full	23.22	/	/	23.36	/	/	<=30	Pass
		Inner_Full	23.68	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	23.80	/	/	<=30	Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	22.42	/	/	22.56	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	22.77	/	/	<=30	Pass
		Outer_Full	22.67	/	/	22.81	/	/	<=30	Pass
		Inner_Full	23.65	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	23.75	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	22.53	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	22.72	/	/	<=30	Pass
		Outer_Full	22.51	/	/	22.65	/	/	<=30	Pass
		Inner_Full	23.45	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	23.66	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	22.78	/	/	22.92	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	22.85	/	/	<=30	Pass
		Outer_Full	22.81	/	/	22.95	/	/	<=30	Pass
		Inner_Full	23.76	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	23.86	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3555	Edge_1RB_Left	21.67	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.86	/	/	<=30	Pass
		Outer_Full	21.69	/	/	21.83	/	/	<=30	Pass
		Inner_Full	22.76	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	22.78	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.62	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	21.84	/	/	<=30	Pass
		Outer_Full	21.51	/	/	21.65	/	/	<=30	Pass
		Inner_Full	22.55	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	22.89	/	/	<=30	Pass

	3694.98	Edge_1RB_Left	21.72	/	/	21.86	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	21.80	/	/	<=30	Pass
		Outer_Full	21.82	/	/	21.96	/	/	<=30	Pass
		Inner_Full	22.83	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	22.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3555	Edge_1RB_Left	21.06	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	21.37	/	/	<=30	Pass
		Outer_Full	21.28	/	/	21.42	/	/	<=30	Pass
		Inner_Full	21.11	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	21.43	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.06	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	21.21	/	/	<=30	Pass
		Outer_Full	21.05	/	/	21.19	/	/	<=30	Pass
		Inner_Full	20.97	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	21.18	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	21.25	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	21.44	/	/	<=30	Pass
		Outer_Full	21.21	/	/	21.35	/	/	<=30	Pass
		Inner_Full	21.19	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	21.17	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	21.34	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3555	Edge_1RB_Left	18.92	/	/	19.06	/	/	<=30	Pass
		Edge_1RB_Right	19.07	/	/	19.21	/	/	<=30	Pass
		Outer_Full	19.13	/	/	19.27	/	/	<=30	Pass
		Inner_Full	19.09	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Right	19.07	/	/	19.21	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	18.97	/	/	19.11	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	18.96	/	/	<=30	Pass
		Outer_Full	18.95	/	/	19.09	/	/	<=30	Pass
		Inner_Full	18.97	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	18.86	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Right	18.98	/	/	19.12	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	19.02	/	/	19.16	/	/	<=30	Pass
		Edge_1RB_Right	18.95	/	/	19.09	/	/	<=30	Pass
		Outer_Full	19.15	/	/	19.29	/	/	<=30	Pass
		Inner_Full	19.05	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Right	18.97	/	/	19.11	/	/	<=30	Pass
CP-OFDM QPSK	3555	Edge_1RB_Left	20.49	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	20.88	/	/	<=30	Pass
		Outer_Full	19.23	/	/	19.37	/	/	<=30	Pass
		Inner_Full	22.23	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	22.19	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	20.60	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	20.68	/	/	<=30	Pass
		Outer_Full	18.97	/	/	19.11	/	/	<=30	Pass
		Inner_Full	21.98	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	22.19	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	20.59	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	20.80	/	/	<=30	Pass
		Outer_Full	19.19	/	/	19.33	/	/	<=30	Pass
		Inner_Full	22.27	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	22.21	/	/	<=30	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Left	20.57	/	/	20.71	/	/	<=30	Pass

		Edge_1RB_Right	20.66	/	/	20.80	/	/	<=30	Pass
		Outer_Full	19.12	/	/	19.26	/	/	<=30	Pass
		Inner_Full	21.70	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	21.87	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	20.56	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	20.63	/	/	<=30	Pass
		Outer_Full	18.98	/	/	19.12	/	/	<=30	Pass
		Inner_Full	21.60	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	21.73	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	20.62	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	20.60	/	/	20.74	/	/	<=30	Pass
		Outer_Full	19.19	/	/	19.33	/	/	<=30	Pass
		Inner_Full	21.79	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	21.91	/	/	<=30	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	20.20	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	20.40	/	/	<=30	Pass
		Outer_Full	18.18	/	/	18.32	/	/	<=30	Pass
		Inner_Full	20.22	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	20.21	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	20.26	/	/	20.40	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	20.09	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	20.23	/	/	<=30	Pass
		Outer_Full	18.02	/	/	18.16	/	/	<=30	Pass
		Inner_Full	19.97	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	20.09	/	/	20.23	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	20.20	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	20.31	/	/	<=30	Pass
		Outer_Full	18.15	/	/	18.29	/	/	<=30	Pass
		Inner_Full	20.16	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	20.17	/	/	20.31	/	/	<=30	Pass
CP-OFDM 256 QAM	3555	Edge_1RB_Left	18.03	/	/	18.17	/	/	<=30	Pass
		Edge_1RB_Right	18.18	/	/	18.32	/	/	<=30	Pass
		Outer_Full	18.11	/	/	18.25	/	/	<=30	Pass
		Inner_Full	18.10	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Left	18.03	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	18.08	/	/	18.22	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	18.00	/	/	18.14	/	/	<=30	Pass
		Edge_1RB_Right	17.83	/	/	17.97	/	/	<=30	Pass
		Outer_Full	17.95	/	/	18.09	/	/	<=30	Pass
		Inner_Full	18.01	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	17.99	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Right	17.83	/	/	17.97	/	/	<=30	Pass
	3694.98	Edge_1RB_Left	18.04	/	/	18.18	/	/	<=30	Pass
		Edge_1RB_Right	18.06	/	/	18.20	/	/	<=30	Pass
		Outer_Full	18.20	/	/	18.34	/	/	<=30	Pass
		Inner_Full	18.20	/	/	18.34	/	/	<=30	Pass
		Inner_1RB_Left	18.15	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Right	18.06	/	/	18.20	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 3.54dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.1.2 30k_SISO_20MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 20MHz NTNV					
Modulation			Conducted Power(dBm)	EIRP(dBm)	Verdict

	Frequency (MHz)	RB Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	23.22	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	23.42	/	/	<=30	Pass
		Outer_Full	23.27	/	/	23.41	/	/	<=30	Pass
		Inner_Full	23.89	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	23.95	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	23.46	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	23.47	/	/	<=30	Pass
		Outer_Full	23.30	/	/	23.44	/	/	<=30	Pass
		Inner_Full	23.76	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	23.98	/	/	<=30	Pass
	3690	Edge_1RB_Left	23.33	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	23.46	/	/	<=30	Pass
		Outer_Full	23.35	/	/	23.49	/	/	<=30	Pass
		Inner_Full	23.90	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	24.09	/	/	<=30	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	22.66	/	/	22.80	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	22.95	/	/	<=30	Pass
		Outer_Full	22.71	/	/	22.85	/	/	<=30	Pass
		Inner_Full	23.88	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	23.86	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	23.00	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	22.83	/	/	<=30	Pass
		Outer_Full	22.89	/	/	23.03	/	/	<=30	Pass
		Inner_Full	23.81	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	23.96	/	/	<=30	Pass
	3690	Edge_1RB_Left	22.78	/	/	22.92	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	23.00	/	/	<=30	Pass
		Outer_Full	22.89	/	/	23.03	/	/	<=30	Pass
		Inner_Full	23.85	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	24.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.80	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	21.98	/	/	<=30	Pass
		Outer_Full	21.84	/	/	21.98	/	/	<=30	Pass
		Inner_Full	22.85	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	23.01	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.92	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	21.96	/	/	<=30	Pass
		Outer_Full	21.81	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.82	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	23.03	/	/	<=30	Pass
	3690	Edge_1RB_Left	21.90	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	22.09	/	/	<=30	Pass
		Outer_Full	21.89	/	/	22.03	/	/	<=30	Pass
		Inner_Full	22.99	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	23.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	21.22	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	21.56	/	/	<=30	Pass
		Outer_Full	21.28	/	/	21.42	/	/	<=30	Pass
		Inner_Full	21.33	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	21.41	/	/	<=30	Pass

		Inner_1RB_Right	21.33	/	/	21.47	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.50	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	21.52	/	/	<=30	Pass
		Outer_Full	21.26	/	/	21.40	/	/	<=30	Pass
		Inner_Full	21.38	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	21.47	/	/	<=30	Pass
	3690	Edge_1RB_Left	21.24	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	21.56	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.62	/	/	<=30	Pass
		Inner_Full	21.48	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	21.25	/	/	21.39	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	18.98	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	19.13	/	/	19.27	/	/	<=30	Pass
		Outer_Full	19.41	/	/	19.55	/	/	<=30	Pass
		Inner_Full	19.27	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Left	19.02	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Right	19.13	/	/	19.27	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	19.32	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	19.18	/	/	19.32	/	/	<=30	Pass
		Outer_Full	19.24	/	/	19.38	/	/	<=30	Pass
		Inner_Full	19.19	/	/	19.33	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	19.37	/	/	<=30	Pass
		Inner_1RB_Right	19.21	/	/	19.35	/	/	<=30	Pass
	3690	Edge_1RB_Left	19.13	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	19.34	/	/	<=30	Pass
		Outer_Full	19.36	/	/	19.50	/	/	<=30	Pass
		Inner_Full	19.37	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Left	19.19	/	/	19.33	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	19.40	/	/	<=30	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	20.62	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	20.75	/	/	20.89	/	/	<=30	Pass
		Outer_Full	19.40	/	/	19.54	/	/	<=30	Pass
		Inner_Full	22.33	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	22.40	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	20.86	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	20.77	/	/	20.91	/	/	<=30	Pass
		Outer_Full	19.29	/	/	19.43	/	/	<=30	Pass
		Inner_Full	22.37	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	22.44	/	/	<=30	Pass
	3690	Edge_1RB_Left	20.77	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	20.77	/	/	20.91	/	/	<=30	Pass
		Outer_Full	19.41	/	/	19.55	/	/	<=30	Pass
		Inner_Full	22.44	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	22.47	/	/	<=30	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	20.75	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	20.92	/	/	21.06	/	/	<=30	Pass
		Outer_Full	19.28	/	/	19.42	/	/	<=30	Pass
		Inner_Full	21.72	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	22.00	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.06	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	21.01	/	/	<=30	Pass
		Outer_Full	19.29	/	/	19.43	/	/	<=30	Pass
		Inner_Full	21.86	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	22.02	/	/	<=30	Pass

	3690	Edge_1RB_Left	20.82	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	21.03	/	/	<=30	Pass
		Outer_Full	19.39	/	/	19.53	/	/	<=30	Pass
		Inner_Full	21.95	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	21.99	/	/	<=30	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	20.34	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	20.46	/	/	<=30	Pass
		Outer_Full	18.27	/	/	18.41	/	/	<=30	Pass
		Inner_Full	20.40	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	20.54	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	20.50	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	20.60	/	/	<=30	Pass
		Outer_Full	18.28	/	/	18.42	/	/	<=30	Pass
		Inner_Full	20.38	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Left	20.52	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	20.62	/	/	<=30	Pass
	3690	Edge_1RB_Left	20.51	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	20.71	/	/	<=30	Pass
		Outer_Full	18.43	/	/	18.57	/	/	<=30	Pass
		Inner_Full	20.47	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	20.77	/	/	<=30	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	18.08	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	18.22	/	/	18.36	/	/	<=30	Pass
		Outer_Full	18.34	/	/	18.48	/	/	<=30	Pass
		Inner_Full	18.29	/	/	18.43	/	/	<=30	Pass
		Inner_1RB_Left	18.12	/	/	18.26	/	/	<=30	Pass
		Inner_1RB_Right	18.32	/	/	18.46	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	18.41	/	/	18.55	/	/	<=30	Pass
		Edge_1RB_Right	18.24	/	/	18.38	/	/	<=30	Pass
		Outer_Full	18.27	/	/	18.41	/	/	<=30	Pass
		Inner_Full	18.20	/	/	18.34	/	/	<=30	Pass
		Inner_1RB_Left	18.35	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	18.25	/	/	18.39	/	/	<=30	Pass
	3690	Edge_1RB_Left	18.20	/	/	18.34	/	/	<=30	Pass
		Edge_1RB_Right	18.34	/	/	18.48	/	/	<=30	Pass
		Outer_Full	18.37	/	/	18.51	/	/	<=30	Pass
		Inner_Full	18.35	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Left	18.26	/	/	18.40	/	/	<=30	Pass
		Inner_1RB_Right	18.41	/	/	18.55	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 3.54dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.1.3 30k_SISO_30MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 30MHz NTNV										
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	23.34	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	23.36	/	/	<=30	Pass
		Outer_Full	23.35	/	/	23.49	/	/	<=30	Pass
		Inner_Full	23.87	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	23.85	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	23.60	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	23.48	/	/	<=30	Pass
		Outer_Full	23.36	/	/	23.50	/	/	<=30	Pass
		Inner_Full	23.87	/	/	24.01	/	/	<=30	Pass

		Inner_1RB_Left	24.10	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	23.95	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	23.45	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	23.69	/	/	<=30	Pass
		Outer_Full	23.48	/	/	23.62	/	/	<=30	Pass
		Inner_Full	23.87	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	24.18	/	/	<=30	Pass
DFT-s-OFDM QPSK	3565.02	Edge_1RB_Left	22.80	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	22.82	/	/	<=30	Pass
		Outer_Full	22.88	/	/	23.02	/	/	<=30	Pass
		Inner_Full	23.90	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	23.81	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	23.10	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	23.01	/	/	<=30	Pass
		Outer_Full	22.83	/	/	22.97	/	/	<=30	Pass
		Inner_Full	23.86	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	24.06	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	22.92	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	23.08	/	/	<=30	Pass
		Outer_Full	22.97	/	/	23.11	/	/	<=30	Pass
		Inner_Full	23.83	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	24.03	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3565.02	Edge_1RB_Left	21.89	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	21.87	/	/	<=30	Pass
		Outer_Full	21.84	/	/	21.98	/	/	<=30	Pass
		Inner_Full	22.95	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	22.94	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	22.08	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	22.07	/	/	<=30	Pass
		Outer_Full	21.92	/	/	22.06	/	/	<=30	Pass
		Inner_Full	22.84	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	23.11	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	21.92	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	22.10	/	/	<=30	Pass
		Outer_Full	21.96	/	/	22.10	/	/	<=30	Pass
		Inner_Full	23.00	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	23.18	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3565.02	Edge_1RB_Left	21.42	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	21.43	/	/	<=30	Pass
		Outer_Full	21.38	/	/	21.52	/	/	<=30	Pass
		Inner_Full	21.35	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	21.41	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.62	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	21.46	/	/	<=30	Pass
		Outer_Full	21.42	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.37	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	21.52	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	21.47	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	21.49	/	/	21.63	/	/	<=30	Pass
		Outer_Full	21.46	/	/	21.60	/	/	<=30	Pass
		Inner_Full	21.43	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	21.62	/	/	<=30	Pass

		Inner_1RB_Right	21.48	/	/	21.62	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3565.02	Edge_1RB_Left	19.25	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	19.18	/	/	19.32	/	/	<=30	Pass
		Outer_Full	19.28	/	/	19.42	/	/	<=30	Pass
		Inner_Full	19.35	/	/	19.49	/	/	<=30	Pass
		Inner_1RB_Left	19.15	/	/	19.29	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	19.26	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	19.42	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	19.25	/	/	19.39	/	/	<=30	Pass
		Outer_Full	19.33	/	/	19.47	/	/	<=30	Pass
		Inner_Full	19.28	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	19.37	/	/	<=30	Pass
		Inner_1RB_Right	19.20	/	/	19.34	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	19.32	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	19.31	/	/	19.45	/	/	<=30	Pass
		Outer_Full	19.39	/	/	19.53	/	/	<=30	Pass
		Inner_Full	19.39	/	/	19.53	/	/	<=30	Pass
		Inner_1RB_Left	19.27	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Right	19.36	/	/	19.50	/	/	<=30	Pass
CP-OFDM QPSK	3565.02	Edge_1RB_Left	20.88	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	20.80	/	/	<=30	Pass
		Outer_Full	19.33	/	/	19.47	/	/	<=30	Pass
		Inner_Full	22.38	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	22.25	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	22.47	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.01	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	20.92	/	/	<=30	Pass
		Outer_Full	19.36	/	/	19.50	/	/	<=30	Pass
		Inner_Full	22.30	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	22.51	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	20.89	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	20.95	/	/	21.09	/	/	<=30	Pass
		Outer_Full	19.50	/	/	19.64	/	/	<=30	Pass
		Inner_Full	22.41	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	22.51	/	/	<=30	Pass
CP-OFDM 16 QAM	3565.02	Edge_1RB_Left	20.96	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	20.95	/	/	<=30	Pass
		Outer_Full	19.31	/	/	19.45	/	/	<=30	Pass
		Inner_Full	21.81	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	21.89	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.13	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	21.10	/	/	<=30	Pass
		Outer_Full	19.34	/	/	19.48	/	/	<=30	Pass
		Inner_Full	21.73	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	22.00	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	21.04	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	21.02	/	/	21.16	/	/	<=30	Pass
		Outer_Full	19.38	/	/	19.52	/	/	<=30	Pass
		Inner_Full	21.87	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	22.20	/	/	<=30	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	20.46	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	20.47	/	/	<=30	Pass
		Outer_Full	18.29	/	/	18.43	/	/	<=30	Pass
		Inner_Full	20.37	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	20.42	/	/	20.56	/	/	<=30	Pass

	3624.99	Edge_1RB_Left	20.61	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	20.58	/	/	<=30	Pass
		Outer_Full	18.35	/	/	18.49	/	/	<=30	Pass
		Inner_Full	20.34	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	20.48	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	20.50	/	/	20.64	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	20.48	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	20.72	/	/	<=30	Pass
		Outer_Full	18.41	/	/	18.55	/	/	<=30	Pass
		Inner_Full	20.44	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	20.53	/	/	20.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	18.33	/	/	18.47	/	/	<=30	Pass
		Edge_1RB_Right	18.28	/	/	18.42	/	/	<=30	Pass
		Outer_Full	18.41	/	/	18.55	/	/	<=30	Pass
		Inner_Full	18.36	/	/	18.50	/	/	<=30	Pass
		Inner_1RB_Left	18.35	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	18.26	/	/	18.40	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	18.34	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	18.18	/	/	18.32	/	/	<=30	Pass
		Outer_Full	18.38	/	/	18.52	/	/	<=30	Pass
		Inner_Full	18.34	/	/	18.48	/	/	<=30	Pass
		Inner_1RB_Left	18.32	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Right	18.45	/	/	18.59	/	/	<=30	Pass
	3684.99	Edge_1RB_Left	18.37	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	18.38	/	/	18.52	/	/	<=30	Pass
		Outer_Full	18.47	/	/	18.61	/	/	<=30	Pass
		Inner_Full	18.43	/	/	18.57	/	/	<=30	Pass
		Inner_1RB_Left	18.43	/	/	18.57	/	/	<=30	Pass
		Inner_1RB_Right	18.42	/	/	18.56	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 3.54dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2.1.4 30k_SISO_40MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 40MHz NTNV										
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	23.32	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	23.62	/	/	<=30	Pass
		Outer_Full	23.33	/	/	23.47	/	/	<=30	Pass
		Inner_Full	23.90	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	24.16	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	23.45	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	23.62	/	/	<=30	Pass
		Outer_Full	23.35	/	/	23.49	/	/	<=30	Pass
		Inner_Full	23.89	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	24.14	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	23.58	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.43	/	/	23.57	/	/	<=30	Pass
		Inner_Full	23.93	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	24.16	/	/	<=30	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	22.82	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	23.07	/	/	<=30	Pass
		Outer_Full	22.92	/	/	23.06	/	/	<=30	Pass
		Inner_Full	23.81	/	/	23.95	/	/	<=30	Pass

		Inner_1RB_Left	23.76	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	24.12	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	23.03	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	23.12	/	/	<=30	Pass
		Outer_Full	22.92	/	/	23.06	/	/	<=30	Pass
		Inner_Full	23.83	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	24.08	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	23.05	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	23.13	/	/	<=30	Pass
		Outer_Full	23.01	/	/	23.15	/	/	<=30	Pass
		Inner_Full	23.86	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	24.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	21.95	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	22.13	/	/	<=30	Pass
		Outer_Full	21.85	/	/	21.99	/	/	<=30	Pass
		Inner_Full	22.89	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	23.15	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	22.11	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	22.17	/	/	<=30	Pass
		Outer_Full	21.85	/	/	21.99	/	/	<=30	Pass
		Inner_Full	22.85	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	23.28	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	22.23	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	22.28	/	/	<=30	Pass
		Outer_Full	21.97	/	/	22.11	/	/	<=30	Pass
		Inner_Full	22.95	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	21.39	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	21.49	/	/	21.63	/	/	<=30	Pass
		Outer_Full	21.35	/	/	21.49	/	/	<=30	Pass
		Inner_Full	21.40	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	21.72	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.55	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	21.62	/	/	<=30	Pass
		Outer_Full	21.44	/	/	21.58	/	/	<=30	Pass
		Inner_Full	21.42	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	21.52	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	21.56	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	21.76	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.40	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	21.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	19.23	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	19.49	/	/	<=30	Pass
		Outer_Full	19.35	/	/	19.49	/	/	<=30	Pass
		Inner_Full	19.36	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Left	19.16	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	19.40	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	19.28	/	/	19.42	/	/	<=30	Pass
		Edge_1RB_Right	19.24	/	/	19.38	/	/	<=30	Pass
		Outer_Full	19.46	/	/	19.60	/	/	<=30	Pass
		Inner_Full	19.35	/	/	19.49	/	/	<=30	Pass
		Inner_1RB_Left	19.12	/	/	19.26	/	/	<=30	Pass

		Inner_1RB_Right	19.34	/	/	19.48	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	19.51	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	19.43	/	/	19.57	/	/	<=30	Pass
		Outer_Full	19.46	/	/	19.60	/	/	<=30	Pass
		Inner_Full	19.35	/	/	19.49	/	/	<=30	Pass
		Inner_1RB_Left	19.41	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	19.51	/	/	<=30	Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	20.77	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	21.02	/	/	<=30	Pass
		Outer_Full	19.37	/	/	19.51	/	/	<=30	Pass
		Inner_Full	22.38	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	22.58	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	20.94	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	21.05	/	/	<=30	Pass
		Outer_Full	19.44	/	/	19.58	/	/	<=30	Pass
		Inner_Full	22.34	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	22.51	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	21.04	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	21.12	/	/	<=30	Pass
		Outer_Full	19.43	/	/	19.57	/	/	<=30	Pass
		Inner_Full	22.38	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	22.59	/	/	<=30	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	20.85	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	21.27	/	/	<=30	Pass
		Outer_Full	19.40	/	/	19.54	/	/	<=30	Pass
		Inner_Full	21.90	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	22.22	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	21.06	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	21.24	/	/	<=30	Pass
		Outer_Full	19.39	/	/	19.53	/	/	<=30	Pass
		Inner_Full	21.91	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	22.17	/	/	22.31	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	21.27	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	21.26	/	/	<=30	Pass
		Outer_Full	19.46	/	/	19.60	/	/	<=30	Pass
		Inner_Full	21.94	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	22.18	/	/	<=30	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	20.39	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	20.63	/	/	<=30	Pass
		Outer_Full	18.42	/	/	18.56	/	/	<=30	Pass
		Inner_Full	20.40	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	20.26	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	20.50	/	/	20.64	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	20.62	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	20.77	/	/	<=30	Pass
		Outer_Full	18.41	/	/	18.55	/	/	<=30	Pass
		Inner_Full	20.43	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	20.47	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	20.49	/	/	20.63	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	20.64	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	20.78	/	/	<=30	Pass
		Outer_Full	18.50	/	/	18.64	/	/	<=30	Pass
		Inner_Full	20.40	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	20.70	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	20.79	/	/	<=30	Pass

CP-OFDM 256 QAM	3570	Edge_1RB_Left	18.16	/	/	18.30	/	/	<=30	Pass
		Edge_1RB_Right	18.32	/	/	18.46	/	/	<=30	Pass
		Outer_Full	18.32	/	/	18.46	/	/	<=30	Pass
		Inner_Full	18.42	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Left	18.15	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Right	18.28	/	/	18.42	/	/	<=30	Pass
	3624.99	Edge_1RB_Left	18.50	/	/	18.64	/	/	<=30	Pass
		Edge_1RB_Right	18.39	/	/	18.53	/	/	<=30	Pass
		Outer_Full	18.47	/	/	18.61	/	/	<=30	Pass
		Inner_Full	18.34	/	/	18.48	/	/	<=30	Pass
		Inner_1RB_Left	18.39	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	18.46	/	/	18.60	/	/	<=30	Pass
	3679.98	Edge_1RB_Left	18.50	/	/	18.64	/	/	<=30	Pass
		Edge_1RB_Right	18.38	/	/	18.52	/	/	<=30	Pass
		Outer_Full	18.41	/	/	18.55	/	/	<=30	Pass
		Inner_Full	18.40	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Left	18.52	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Right	18.60	/	/	18.74	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.54dBi; 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 (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	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	0.90	0.0002	>=-2.5 & <=2.5	Pass
			0	NV	-10.80	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-17.00	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	10.90	0.0030	>=-2.5 & <=2.5	Pass
				HV	-20.70	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass

			10	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	3.20	0.0009	>=-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
			50	NV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	0.80	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-13.70	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	9.40	0.0026	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
				HV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-17.90	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	7.20	0.0020	>=-2.5 & <=2.5	Pass
				HV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	10.20	0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	11.80	0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
				HV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-10.80	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	6.20	0.0017	>=-2.5 & <=2.5	Pass

				HV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	15.20	0.0042	>=-2.5 & <=2.5	Pass
			30	NV	8.70	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0025	>=-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	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-20.50	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-18.80	-0.0052	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	5.60	0.0015	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-14.20	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-9.70	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-15.70	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	15.60	0.0043	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-27.60	-0.0076	>=-2.5 & <=2.5	Pass
			-10	NV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-20.20	-0.0056	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-15.10	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-19.70	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-15.30	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-14.90	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-10.50	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-24.40	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-19.50	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	7.60	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-20.20	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-17.60	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-17.50	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-11.00	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-21.00	-0.0058	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-14.20	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-19.80	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-24.20	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-17.20	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-14.50	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-18.70	-0.0052	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-17.80	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-24.90	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass

3.1.3 30k_SISO_30MHz

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

	Frequency (MHz)	RB Allocation	Temp. (°C)		Freq. Error (Hz)	Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-11.00	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-17.90	-0.0049	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-17.70	-0.0049	>=-2.5 & <=2.5	Pass
			50	NV	12.90	0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-18.50	-0.0051	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-11.40	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-17.30	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-13.60	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
				HV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	9.30	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-16.50	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-16.50	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-15.30	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-20.60	-0.0057	>=-2.5 & <=2.5	Pass
			20	NV	-15.40	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-19.40	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-13.70	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-15.30	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass

			-10	NV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-22.30	-0.0062	>=-2.5 & <=2.5	Pass
			-20	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
			10	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-22.10	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-15.40	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-20.70	-0.0057	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-21.50	-0.0059	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-22.50	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	4.60	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-17.40	-0.0048	>=-2.5 & <=2.5	Pass
			40	NV	-15.10	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-12.20	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-12.20	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	10.20	0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-14.90	-0.0041	>=-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	-11.90	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-22.90	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-14.90	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	13.20	0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-11.40	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass

			-20	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-15.80	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-16.90	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-14.60	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-16.10	-0.0044	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	10.20	0.0028	>=-2.5 & <=2.5	Pass
				HV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-15.30	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-20.50	-0.0057	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-13.00	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-9.40	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-16.80	-0.0046	>=-2.5 & <=2.5	Pass
			30	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-19.20	-0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	5.60	0.0015	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	1.30	0.0004	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-11.40	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-17.40	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-15.90	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-14.60	-0.0040	>=-2.5 & <=2.5	Pass

			40	NV	-0.40	-0.0001	>=-2.5 & <=2.5	Pass
			50	NV	-11.20	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	2.70	0.0007	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-15.40	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-10.30	-0.0028	>=-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 NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3555	Outer_Full	8.64	9.92	/	Pass
	3624.99	Outer_Full	8.62	9.87	/	Pass
	3694.98	Outer_Full	8.67	9.84	/	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	8.67	10.05	/	Pass
	3624.99	Outer_Full	8.64	10.15	/	Pass
	3694.98	Outer_Full	8.66	10.03	/	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	8.68	10.07	/	Pass
	3624.99	Outer_Full	8.65	9.95	/	Pass
	3694.98	Outer_Full	8.66	10.01	/	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	8.66	9.97	/	Pass
	3624.99	Outer_Full	8.67	10.05	/	Pass
	3694.98	Outer_Full	8.61	9.82	/	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	8.59	9.75	/	Pass
	3624.99	Outer_Full	8.63	9.77	/	Pass
	3694.98	Outer_Full	8.64	9.93	/	Pass
CP-OFDM QPSK	3555	Outer_Full	8.65	10.23	/	Pass
	3624.99	Outer_Full	8.64	10.07	/	Pass
	3694.98	Outer_Full	8.66	10.08	/	Pass
CP-OFDM 16 QAM	3555	Outer_Full	8.65	9.96	/	Pass
	3624.99	Outer_Full	8.62	10.34	/	Pass
	3694.98	Outer_Full	8.65	10.02	/	Pass
CP-OFDM 64 QAM	3555	Outer_Full	8.68	9.88	/	Pass
	3624.99	Outer_Full	8.66	9.77	/	Pass
	3694.98	Outer_Full	8.65	9.93	/	Pass

CP-OFDM 256 QAM	3555	Outer_Full	8.64	10.00	/	Pass
	3624.99	Outer_Full	8.63	9.90	/	Pass
	3694.98	Outer_Full	8.63	9.62	/	Pass

4.1.2 30k_SISO_20MHz_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.04	19.71	/	Pass
	3624.99	Outer_Full	18.02	19.78	/	Pass
	3690	Outer_Full	18.09	19.66	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.05	19.65	/	Pass
	3624.99	Outer_Full	18.06	19.69	/	Pass
	3690	Outer_Full	18.07	19.76	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.04	19.83	/	Pass
	3624.99	Outer_Full	18.12	19.77	/	Pass
	3690	Outer_Full	18.09	19.43	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.12	19.59	/	Pass
	3624.99	Outer_Full	18.09	19.59	/	Pass
	3690	Outer_Full	18.09	19.78	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	17.98	19.64	/	Pass
	3624.99	Outer_Full	18.00	19.99	/	Pass
	3690	Outer_Full	17.96	19.48	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.40	19.84	/	Pass
	3624.99	Outer_Full	18.34	20.00	/	Pass
	3690	Outer_Full	18.40	20.25	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.35	19.95	/	Pass
	3624.99	Outer_Full	18.38	20.19	/	Pass
	3690	Outer_Full	18.36	19.97	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.30	19.86	/	Pass
	3624.99	Outer_Full	18.33	20.11	/	Pass
	3690	Outer_Full	18.34	19.95	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.32	19.98	/	Pass
	3624.99	Outer_Full	18.34	19.77	/	Pass
	3690	Outer_Full	18.35	19.93	/	Pass

4.1.3 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3565.02	Outer_Full	27.25	29.56	/	Pass
	3624.99	Outer_Full	27.19	29.51	/	Pass
	3684.99	Outer_Full	27.23	29.68	/	Pass
DFT-s-OFDM QPSK	3565.02	Outer_Full	27.24	29.76	/	Pass
	3624.99	Outer_Full	27.24	29.61	/	Pass
	3684.99	Outer_Full	27.26	29.98	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer_Full	27.23	29.68	/	Pass
	3624.99	Outer_Full	27.25	29.66	/	Pass
	3684.99	Outer_Full	27.26	29.71	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer_Full	27.16	29.76	/	Pass
	3624.99	Outer_Full	27.19	29.81	/	Pass
	3684.99	Outer_Full	27.17	29.88	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer_Full	27.23	29.84	/	Pass
	3624.99	Outer_Full	27.34	29.66	/	Pass
	3684.99	Outer_Full	27.32	29.79	/	Pass
CP-OFDM QPSK	3565.02	Outer_Full	28.16	30.69	/	Pass
	3624.99	Outer_Full	28.17	30.61	/	Pass
	3684.99	Outer_Full	28.16	30.80	/	Pass

CP-OFDM 16 QAM	3565.02	Outer_Full	28.17	30.69	/	Pass
	3624.99	Outer_Full	28.27	30.82	/	Pass
	3684.99	Outer_Full	28.26	30.94	/	Pass
CP-OFDM 64 QAM	3565.02	Outer_Full	28.19	31.83	/	Pass
	3624.99	Outer_Full	28.18	32.81	/	Pass
	3684.99	Outer_Full	28.25	33.27	/	Pass
CP-OFDM 256 QAM	3565.02	Outer_Full	28.17	30.74	/	Pass
	3624.99	Outer_Full	28.18	30.72	/	Pass
	3684.99	Outer_Full	28.21	30.53	/	Pass

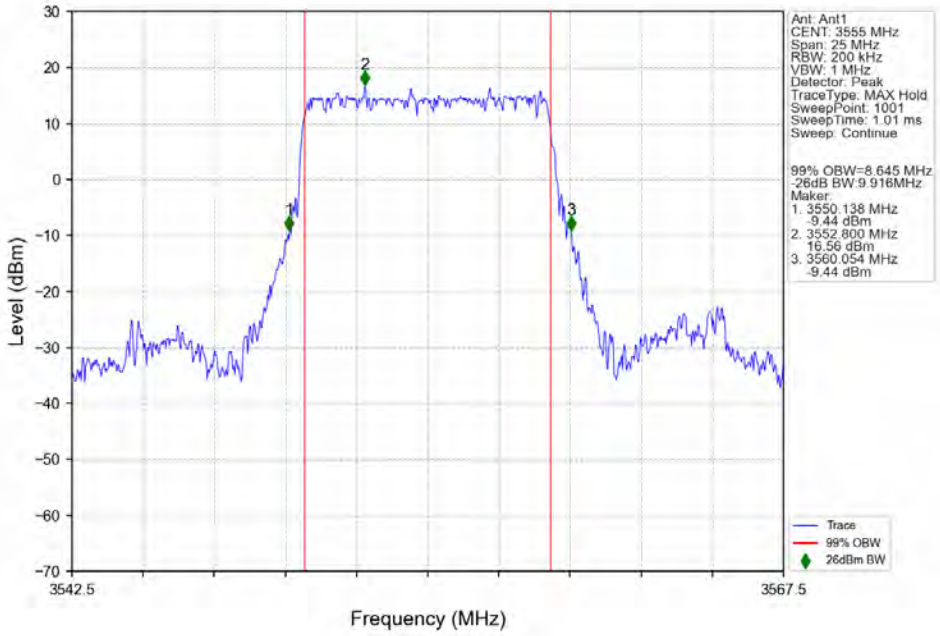
4.1.4 30k_SISO_40MHz_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	35.92	38.59	/	Pass
	3624.99	Outer_Full	35.94	38.56	/	Pass
	3679.98	Outer_Full	35.95	38.38	/	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	35.91	38.69	/	Pass
	3624.99	Outer_Full	36.01	38.83	/	Pass
	3679.98	Outer_Full	36.02	38.58	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	35.89	38.50	/	Pass
	3624.99	Outer_Full	35.91	38.61	/	Pass
	3679.98	Outer_Full	35.95	38.60	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	36.01	38.58	/	Pass
	3624.99	Outer_Full	36.07	38.59	/	Pass
	3679.98	Outer_Full	36.13	38.61	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	35.94	38.65	/	Pass
	3624.99	Outer_Full	35.95	38.62	/	Pass
	3679.98	Outer_Full	35.96	38.73	/	Pass
CP-OFDM QPSK	3570	Outer_Full	38.00	40.70	/	Pass
	3624.99	Outer_Full	38.08	40.53	/	Pass
	3679.98	Outer_Full	38.17	40.83	/	Pass
CP-OFDM 16 QAM	3570	Outer_Full	38.14	40.87	/	Pass
	3624.99	Outer_Full	38.17	40.76	/	Pass
	3679.98	Outer_Full	38.22	40.80	/	Pass
CP-OFDM 64 QAM	3570	Outer_Full	38.00	40.54	/	Pass
	3624.99	Outer_Full	38.06	40.82	/	Pass
	3679.98	Outer_Full	38.07	40.87	/	Pass
CP-OFDM 256 QAM	3570	Outer_Full	38.01	40.77	/	Pass
	3624.99	Outer_Full	38.00	40.70	/	Pass
	3679.98	Outer_Full	38.00	40.94	/	Pass

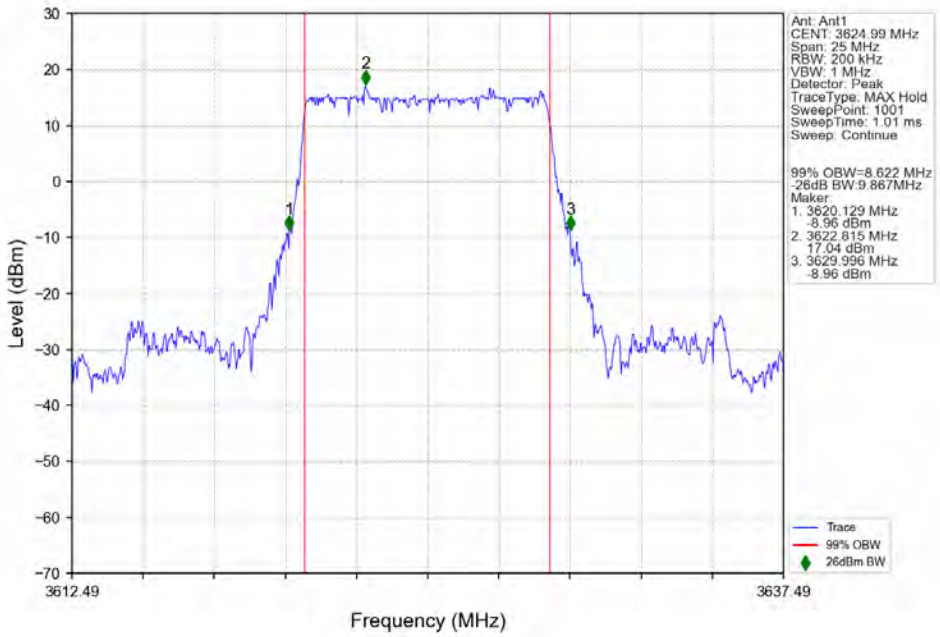
4.2 Test Graph

4.2.1 30k_SISO_10MHz_NTNV

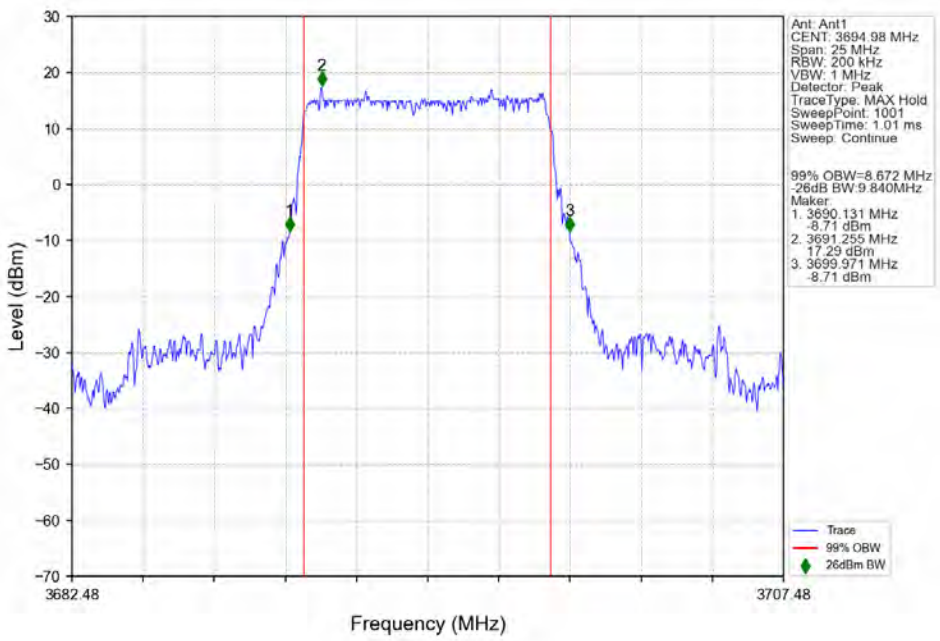
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Outer_Full_Ant1



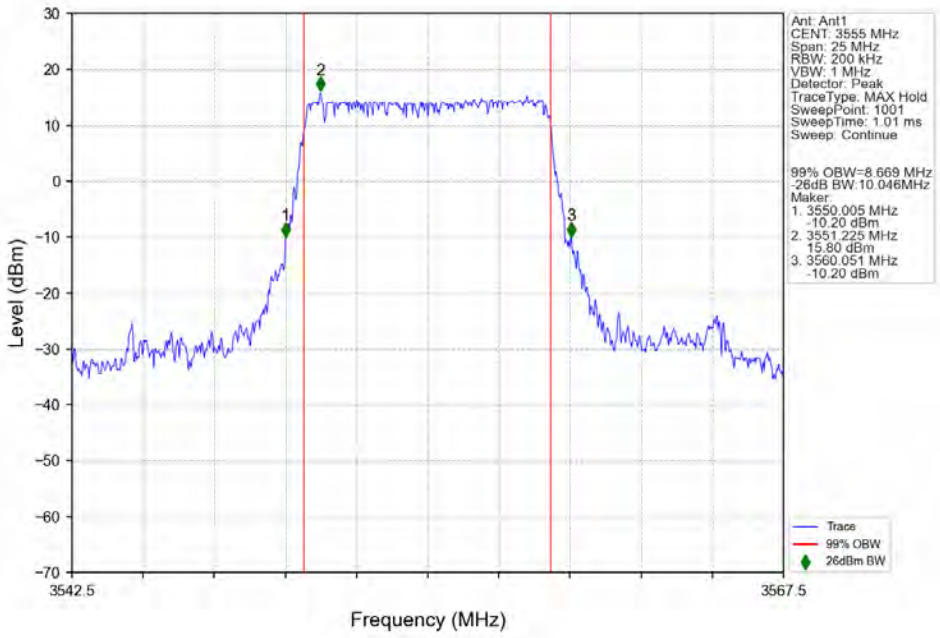
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



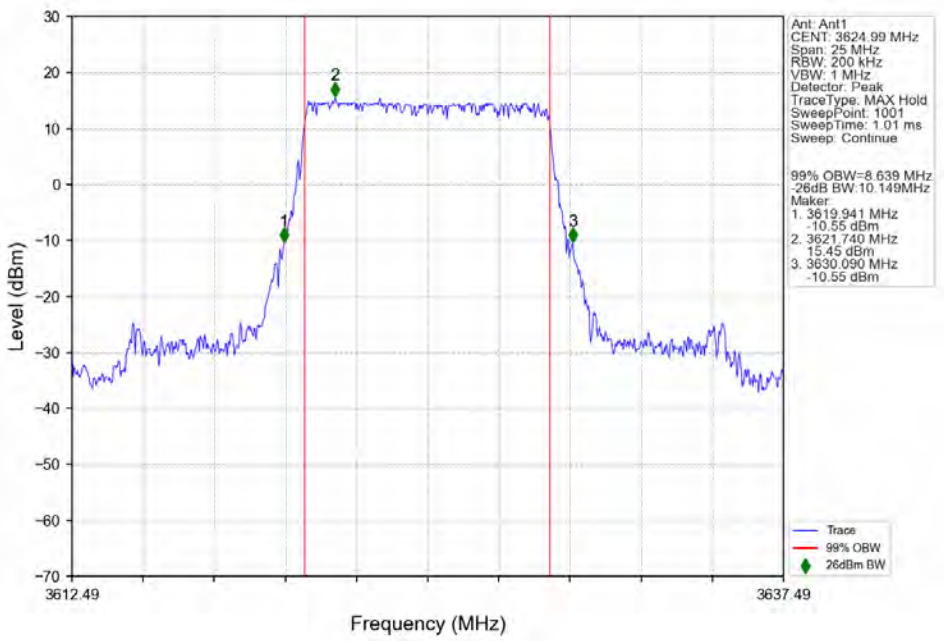
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Outer_Full_Ant1



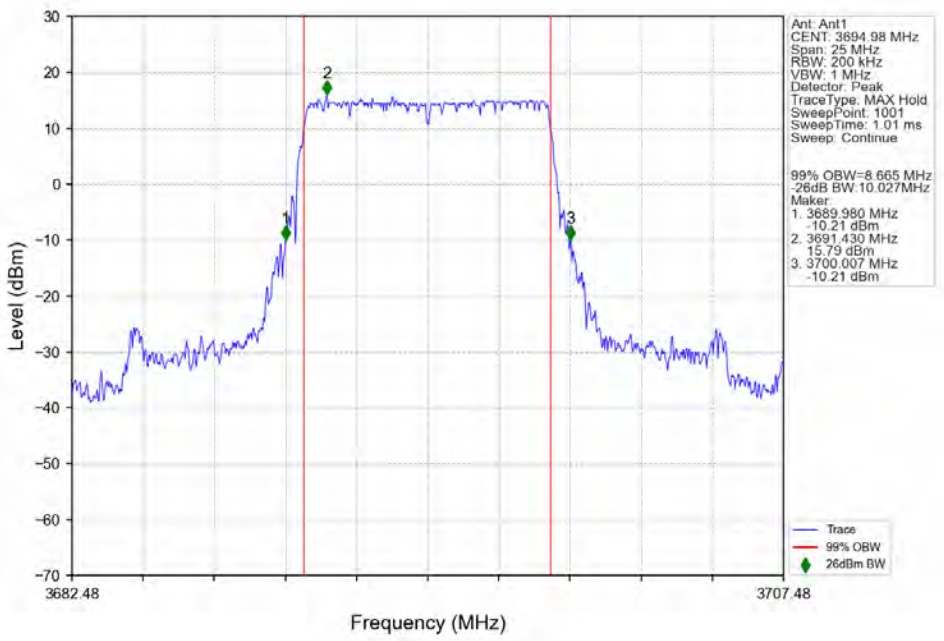
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Outer_Full_Ant1



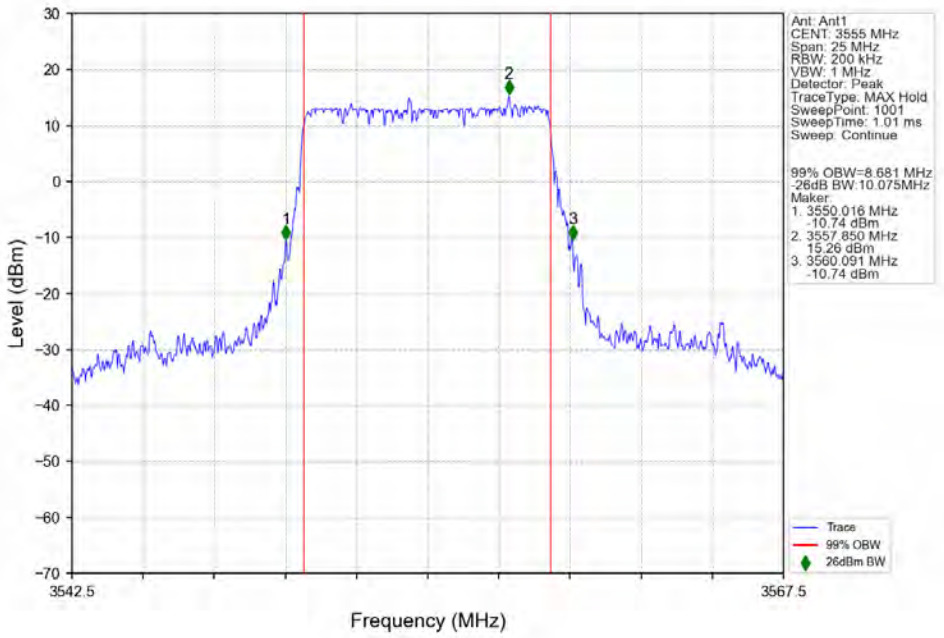
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



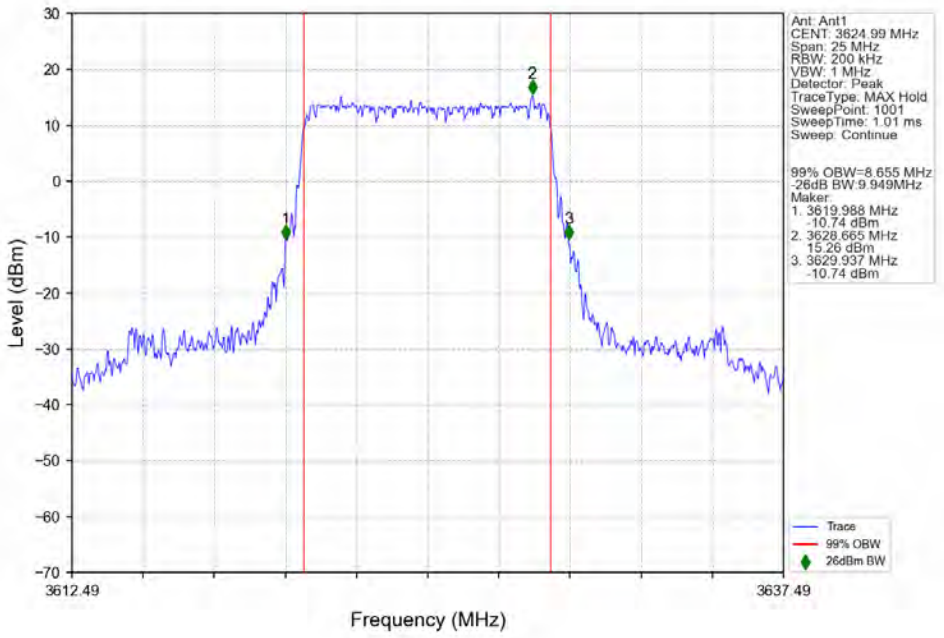
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Outer_Full_Ant1



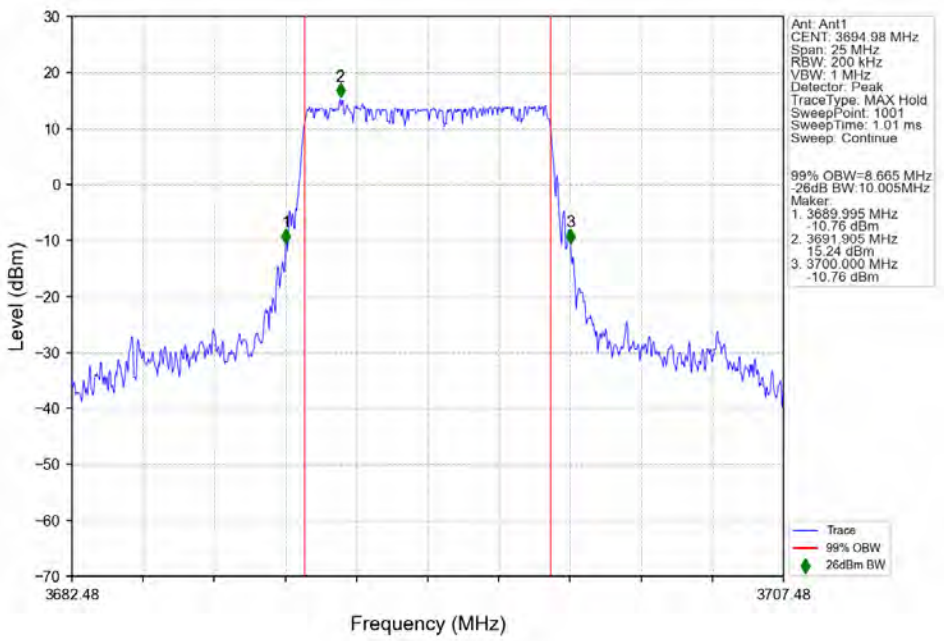
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3555MHz_Outer_Full_Ant1



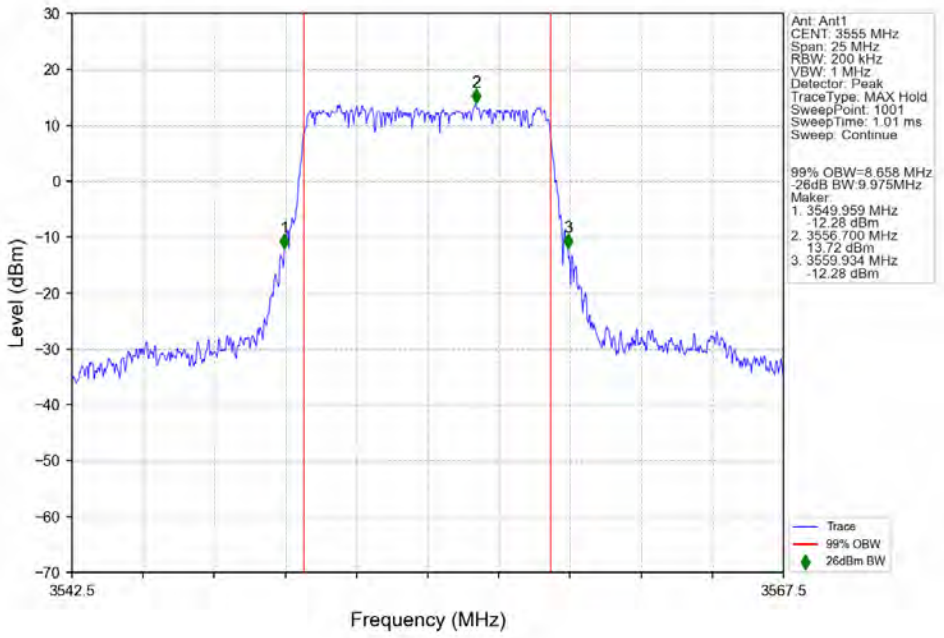
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



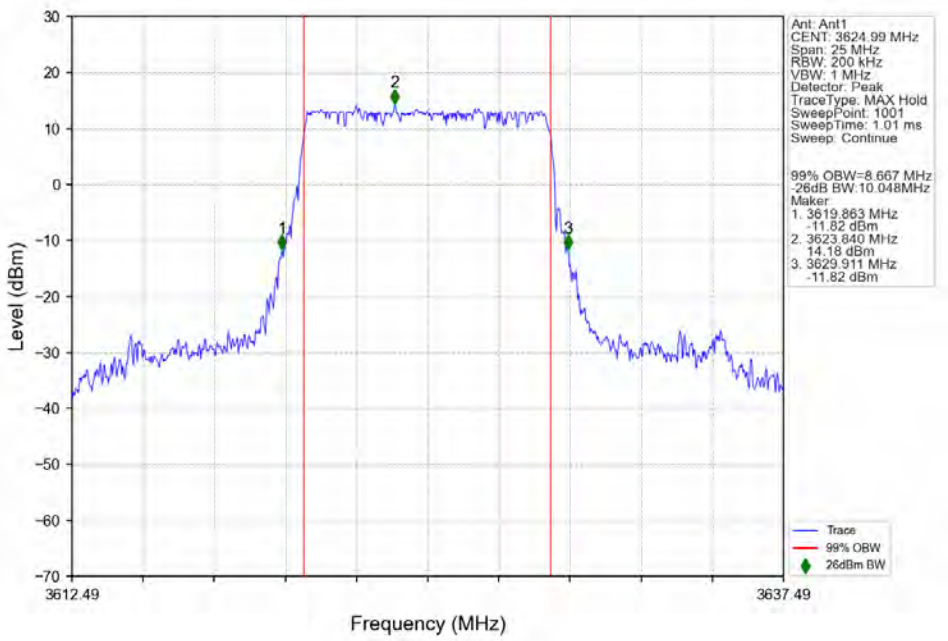
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3694.98MHz_Outer_Full_Ant1



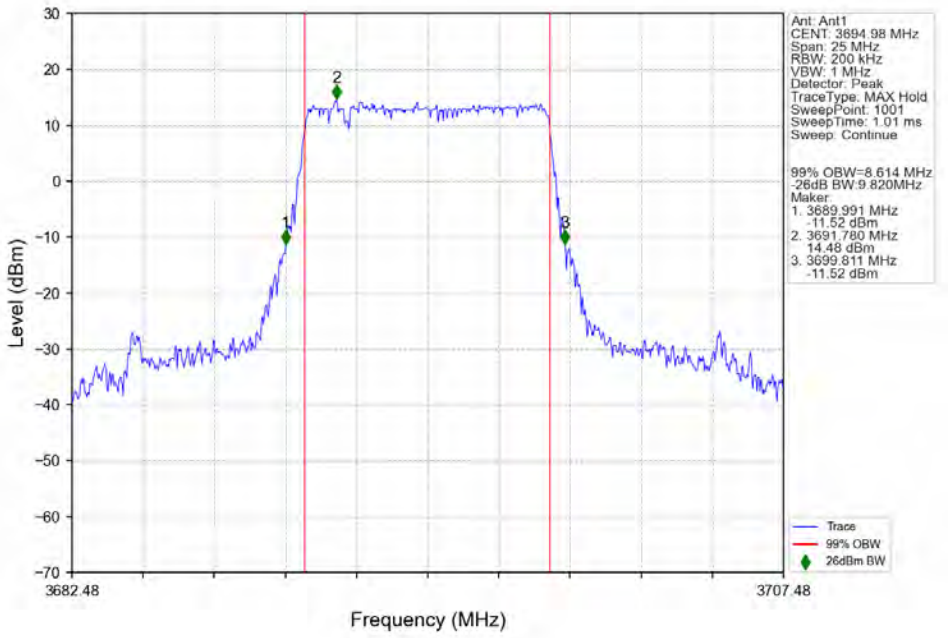
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3555MHz_Outer_Full_Ant1



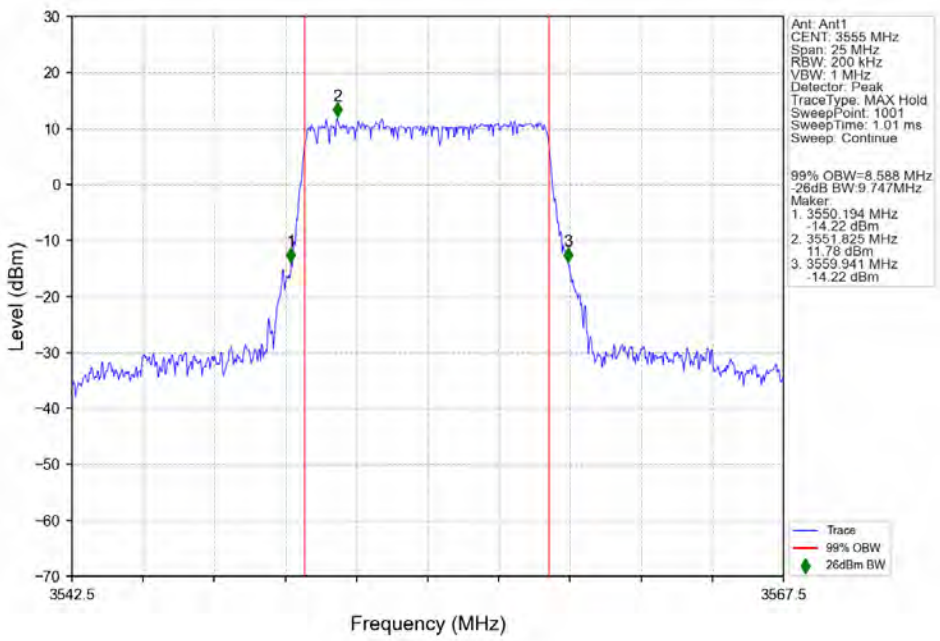
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



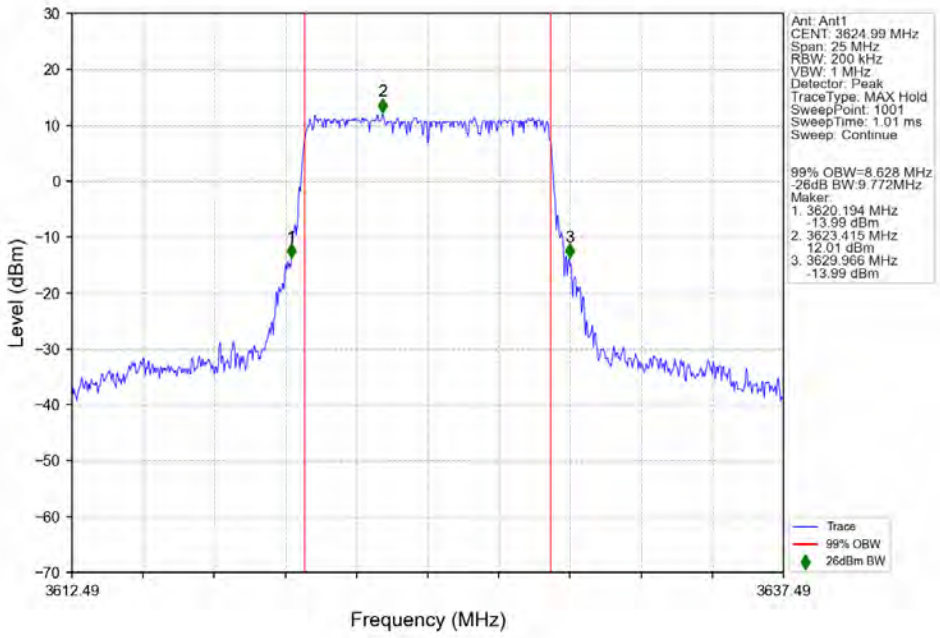
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3694.98MHz_Outer_Full_Ant1



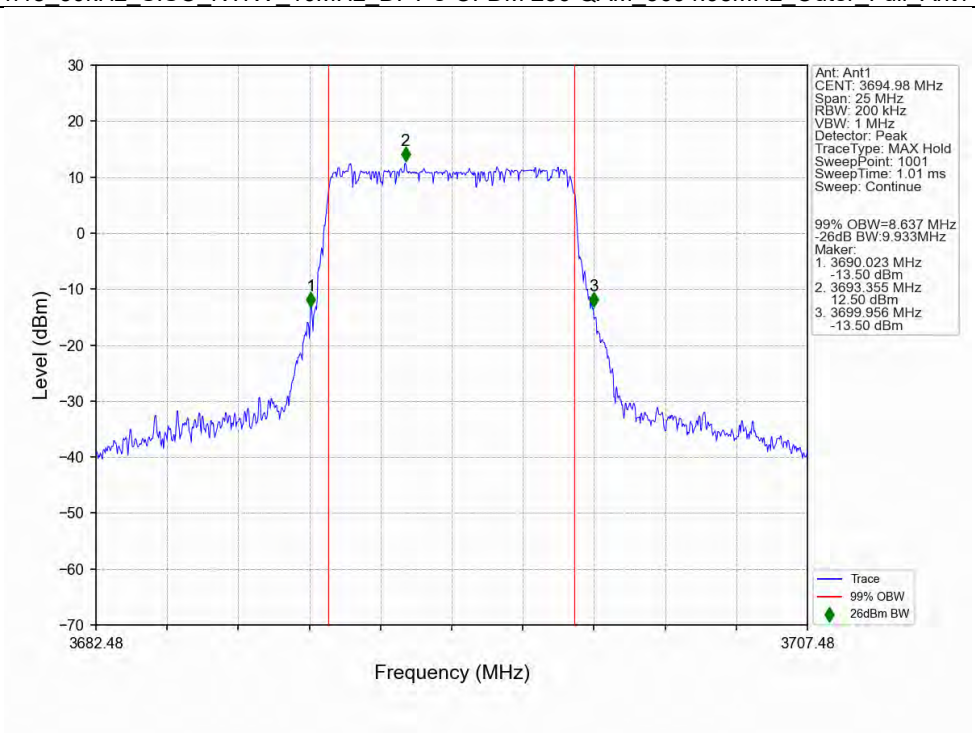
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3555MHz_Outer_Full_Ant1



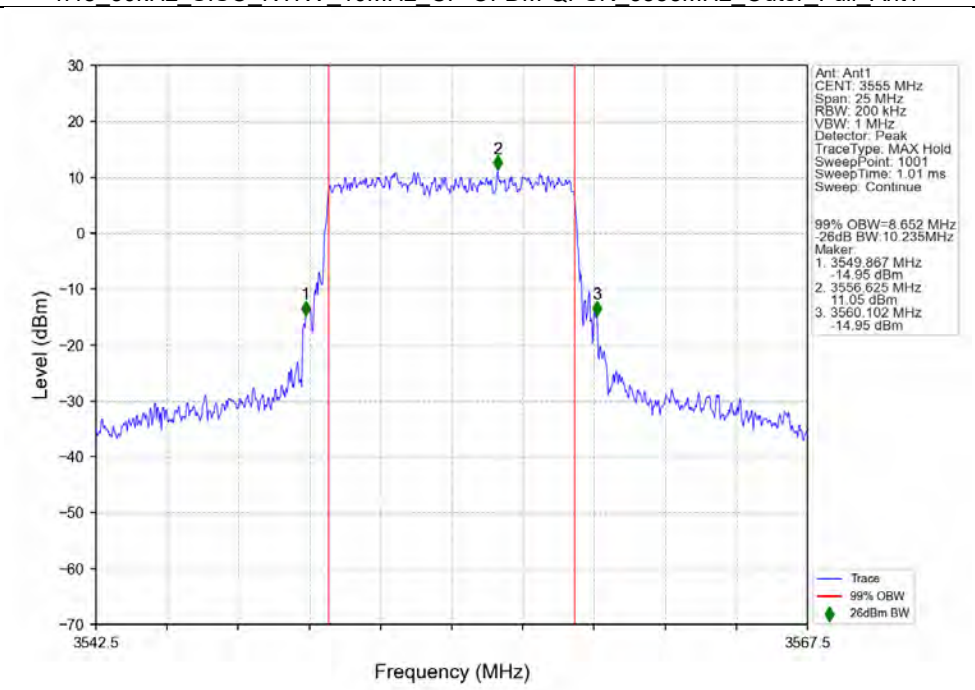
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



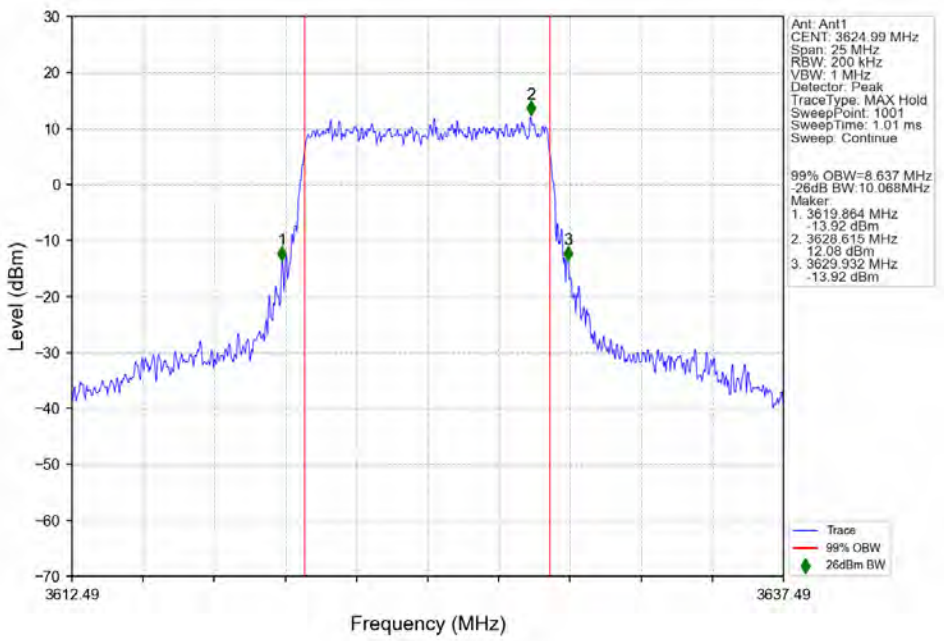
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3694.98MHz_Outer_Full_Ant1



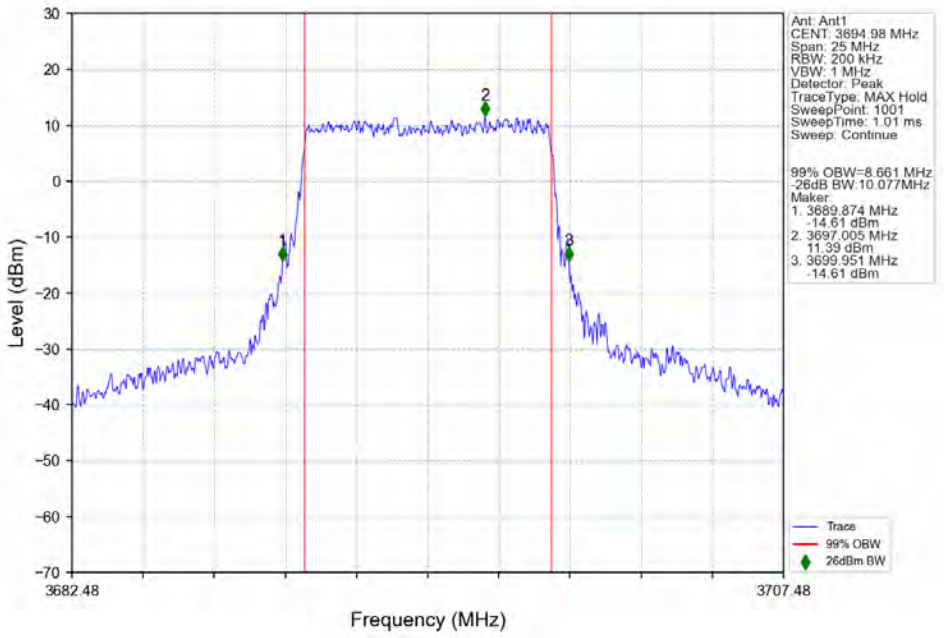
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full_Ant1



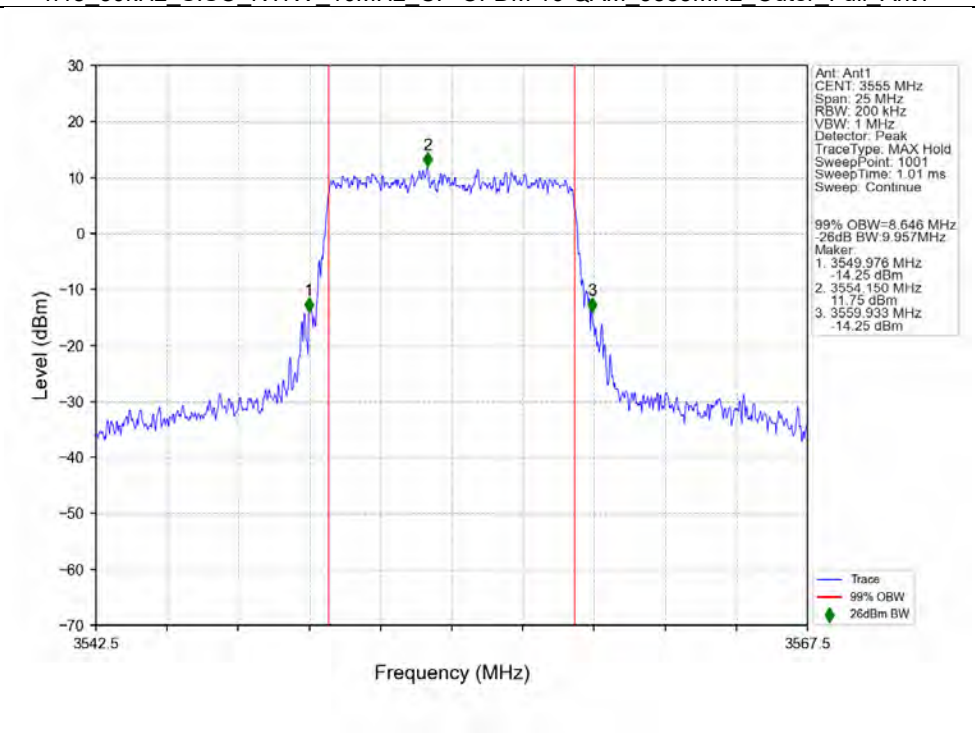
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



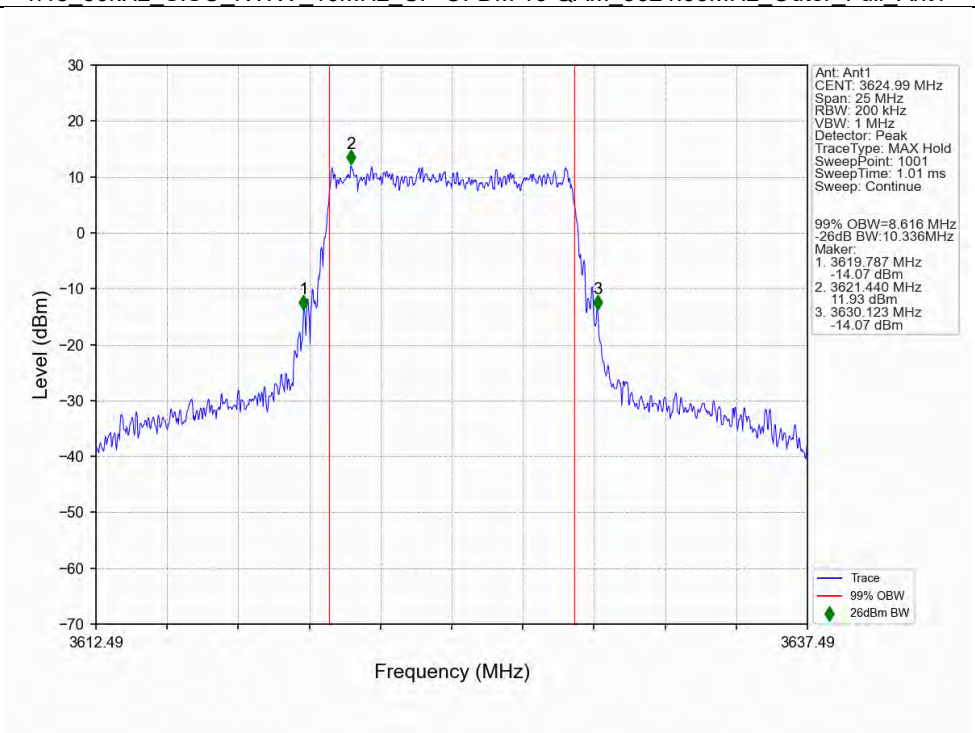
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Outer_Full_Ant1



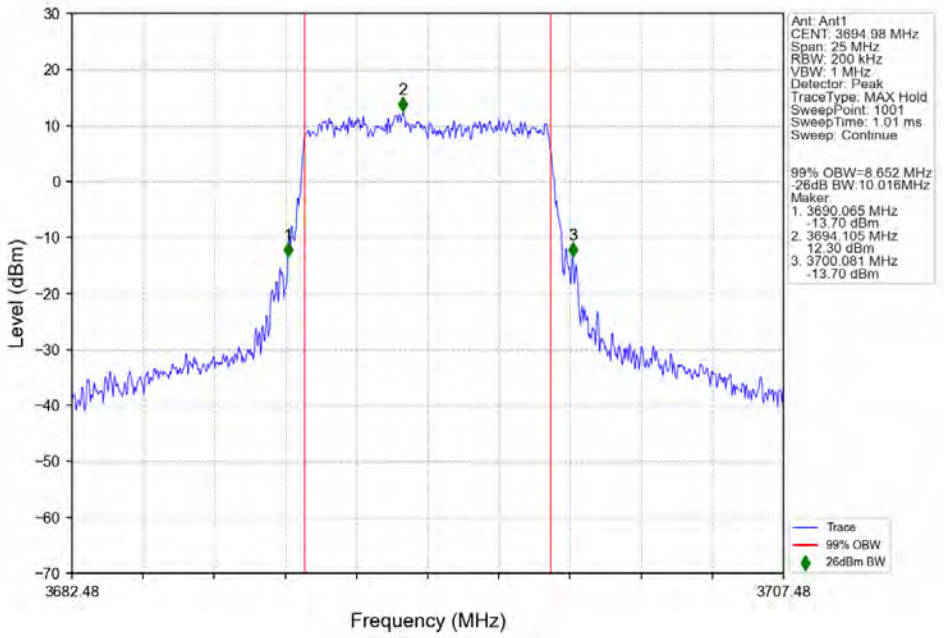
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3555MHz_Outer_Full_Ant1



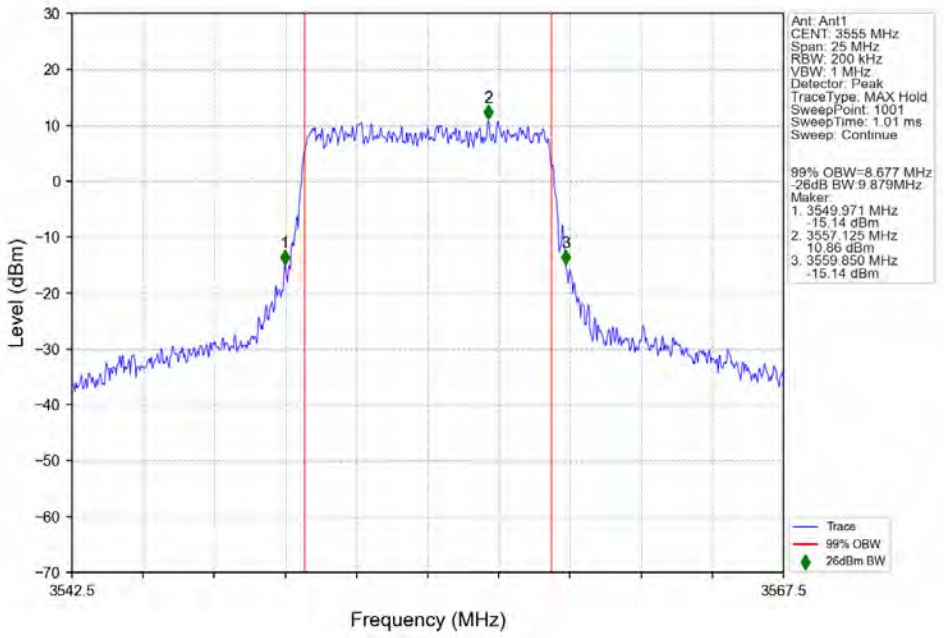
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



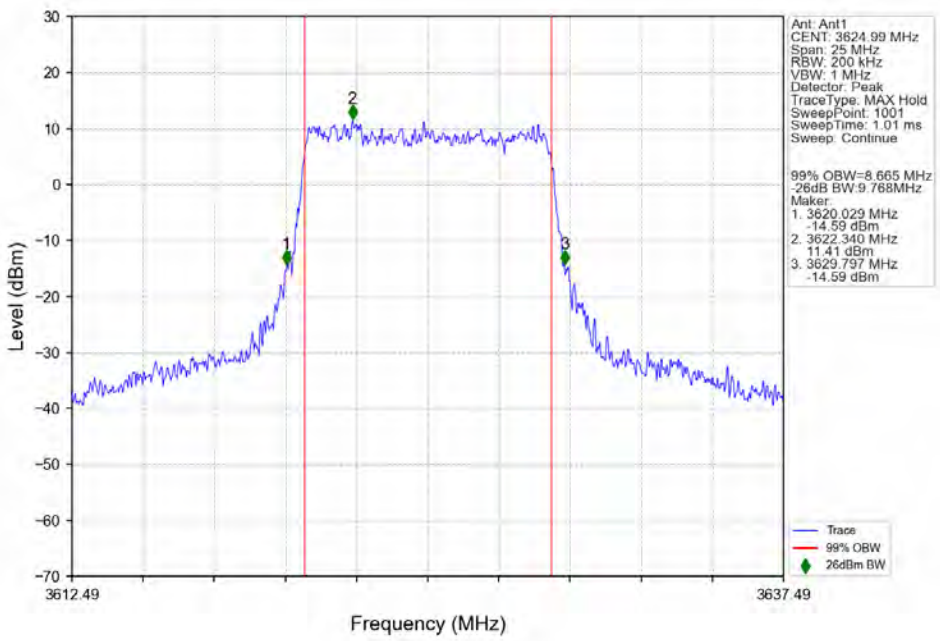
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3694.98MHz_Outer_Full_Ant1



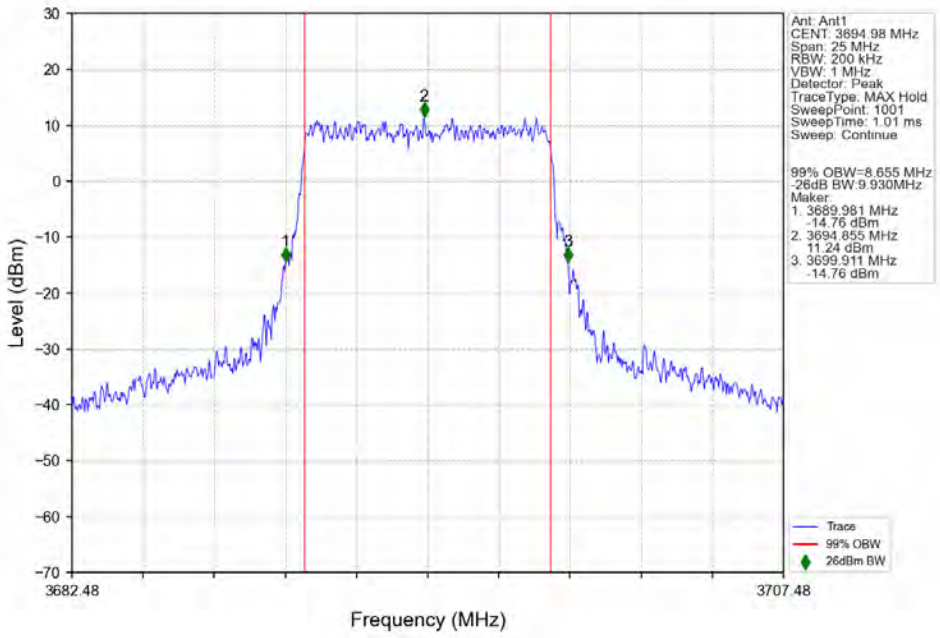
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3555MHz_Outer_Full_Ant1



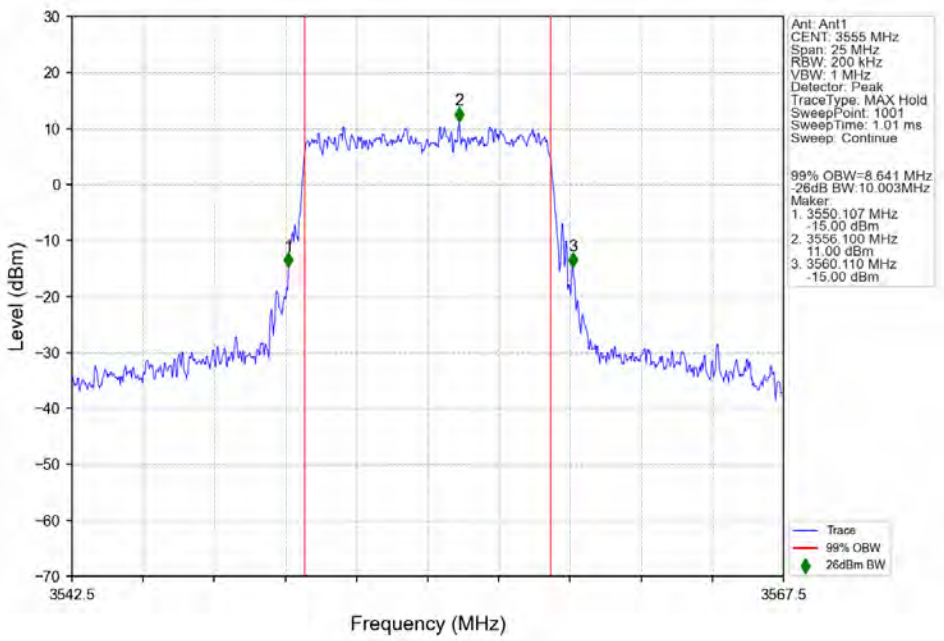
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



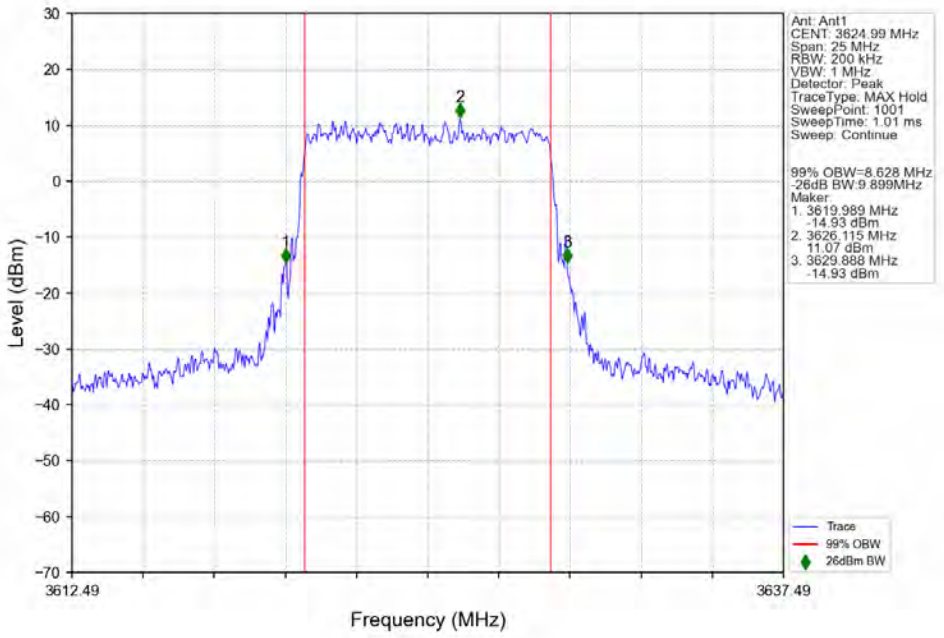
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3694.98MHz_Outer_Full_Ant1



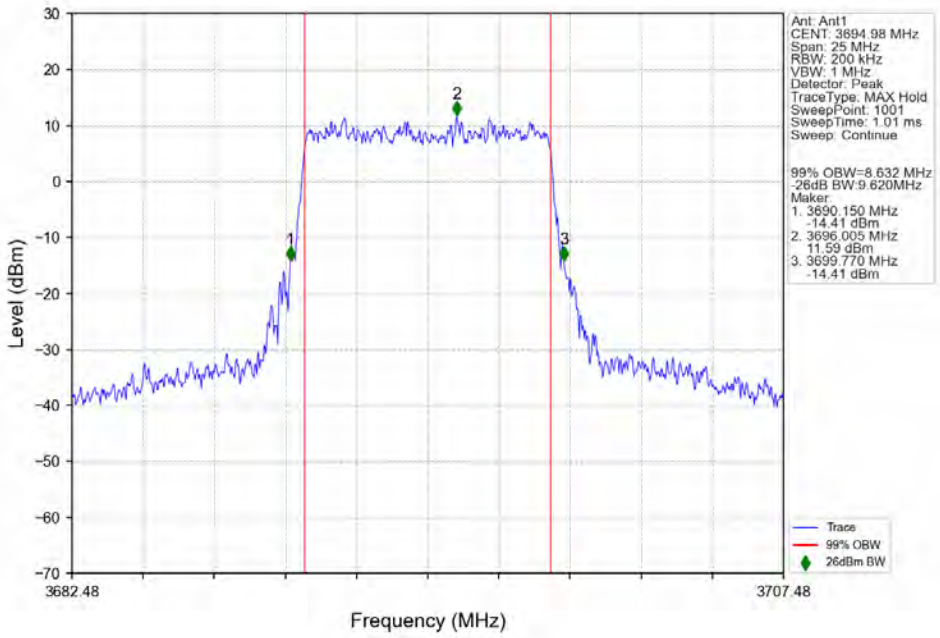
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3555MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1

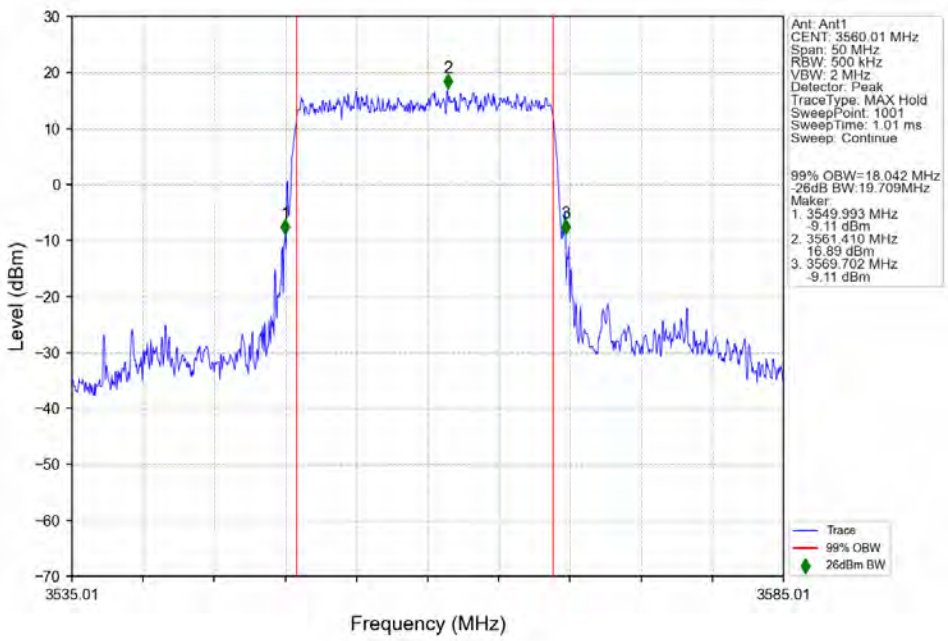


n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3694.98MHz_Outer_Full_Ant1

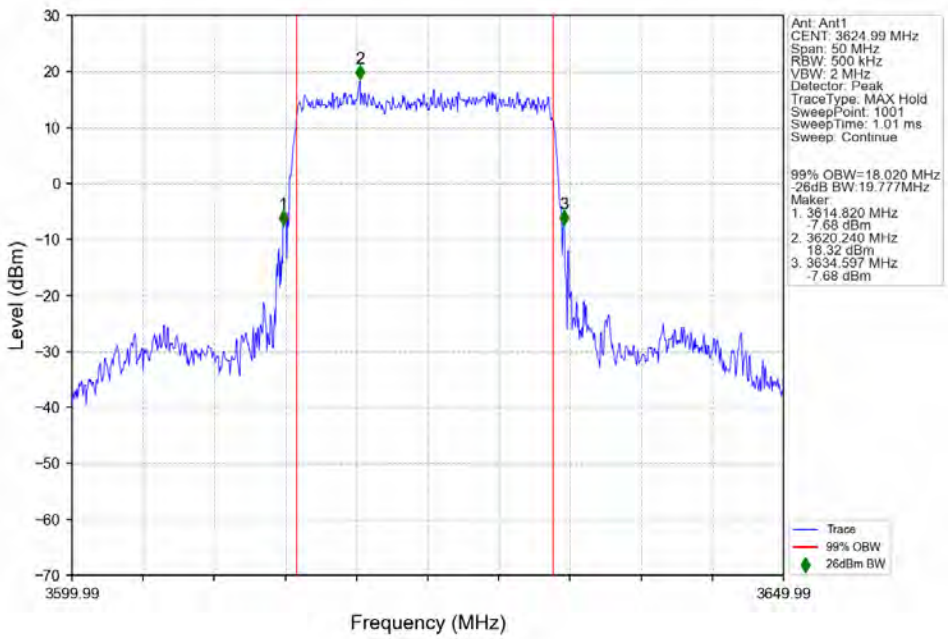


4.2.2 30k_SISO_20MHz_NTNV

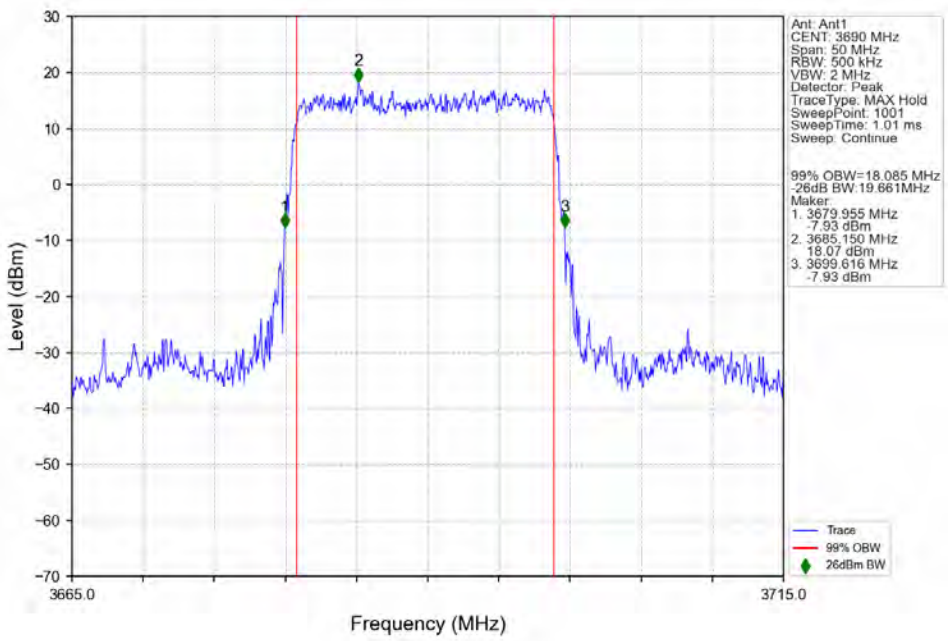
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Outer_Full_Ant1



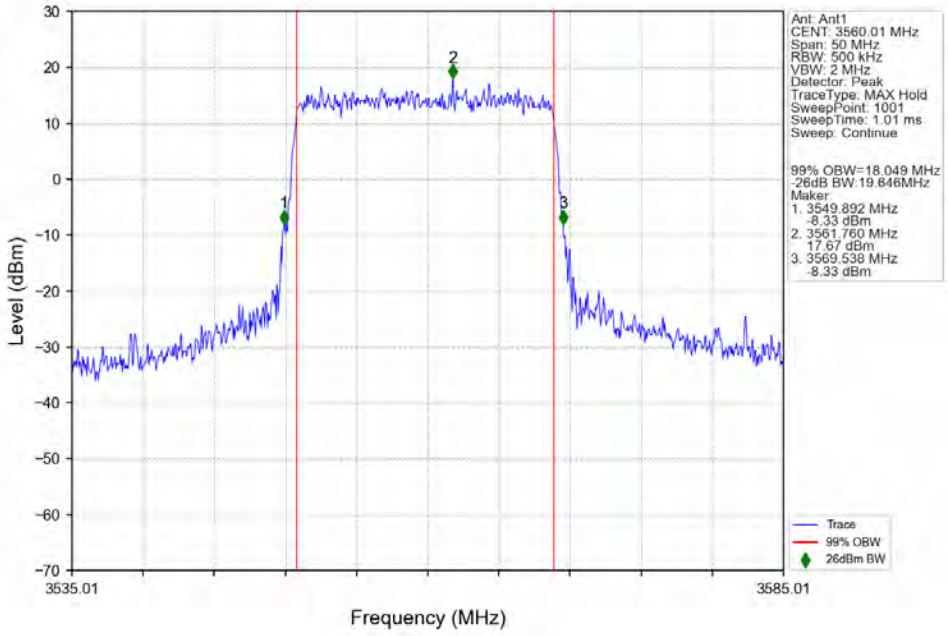
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



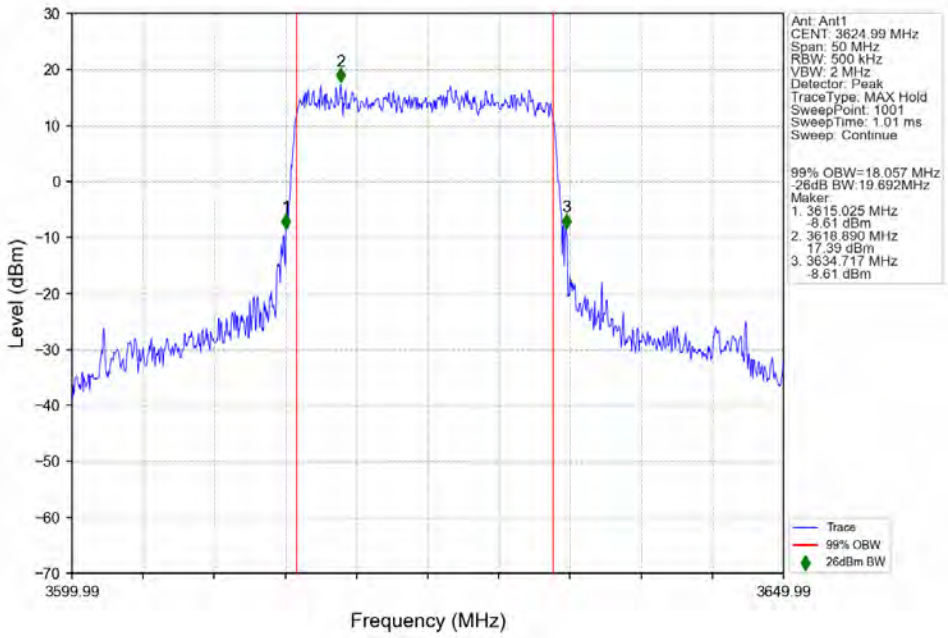
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full_Ant1



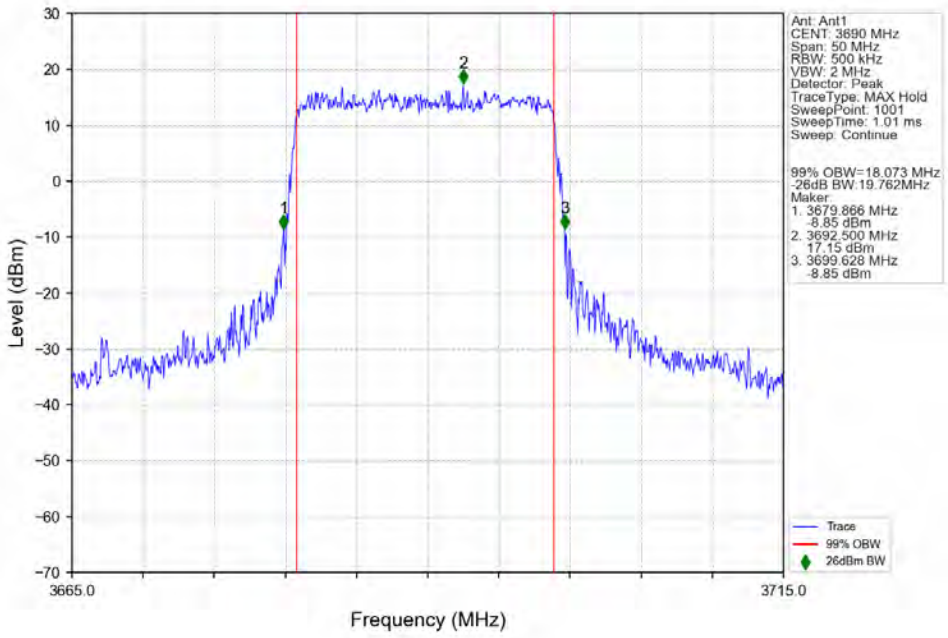
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full_Ant1



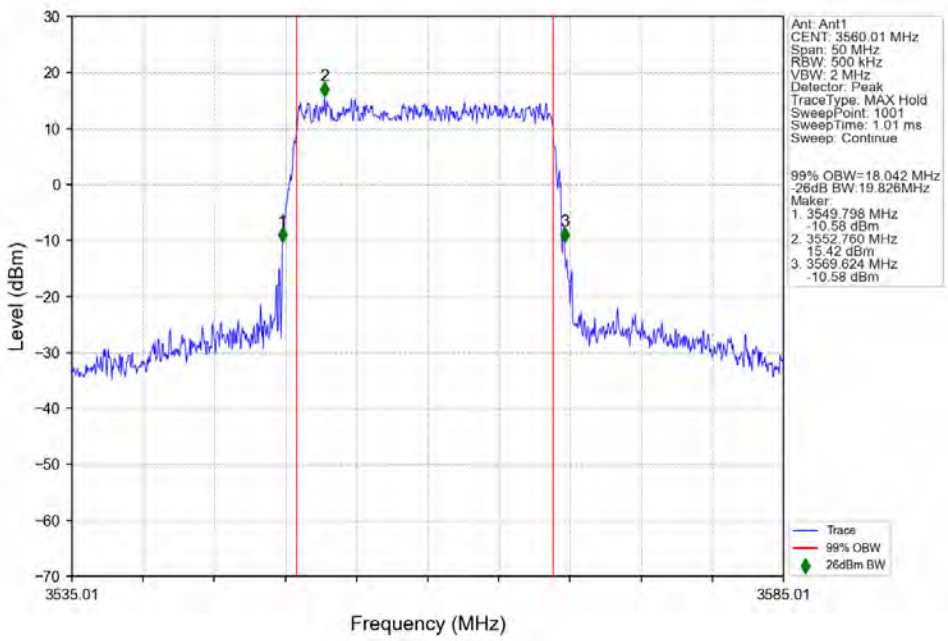
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



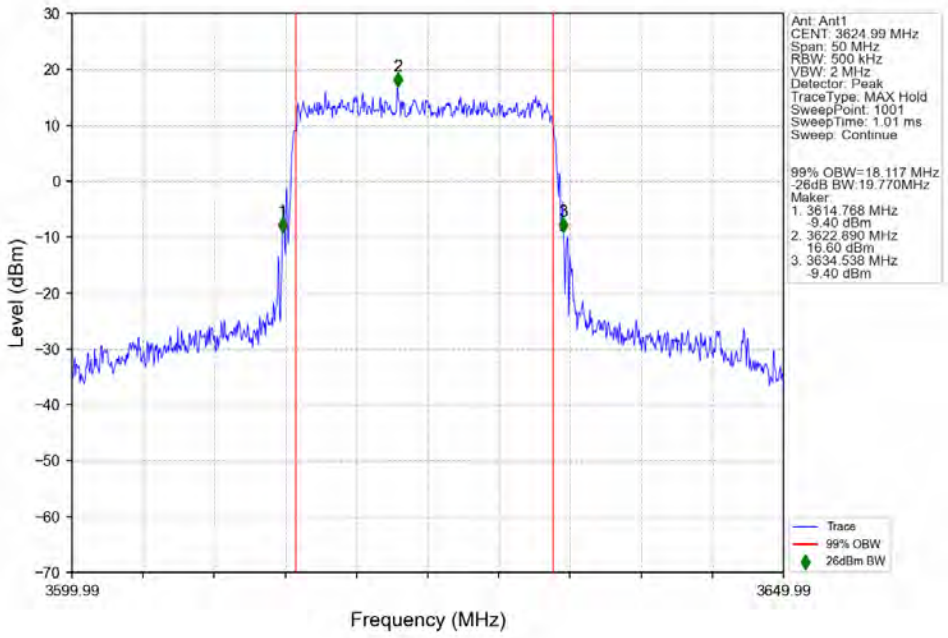
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Outer_Full_Ant1



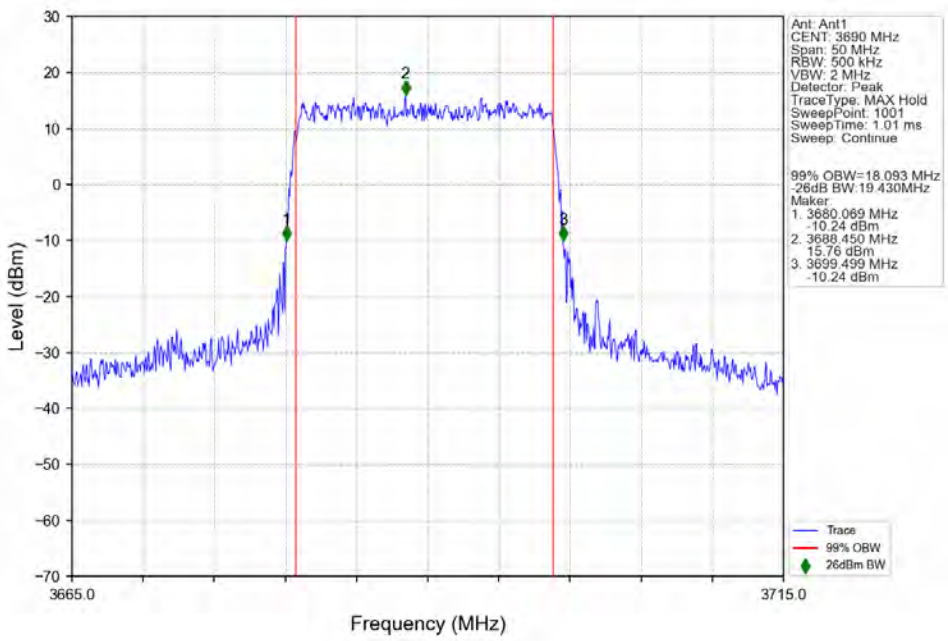
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3560.01MHz_Outer_Full_Ant1



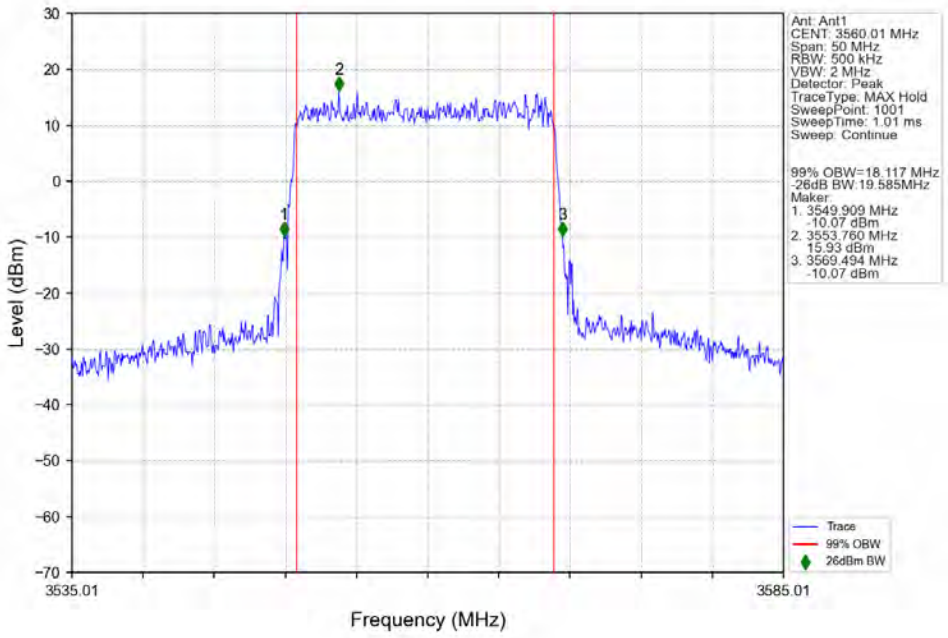
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



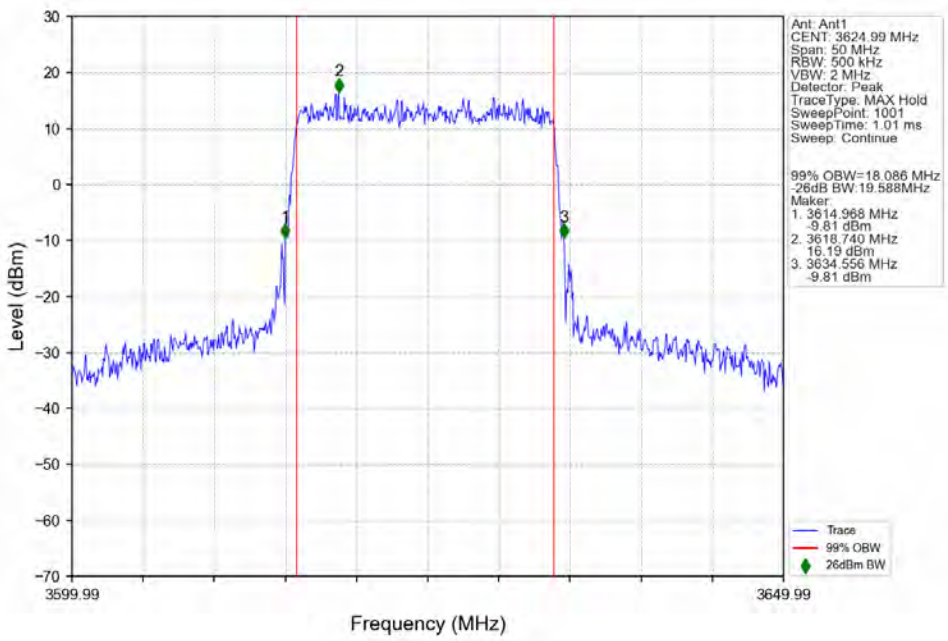
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3690MHz_Outer_Full_Ant1



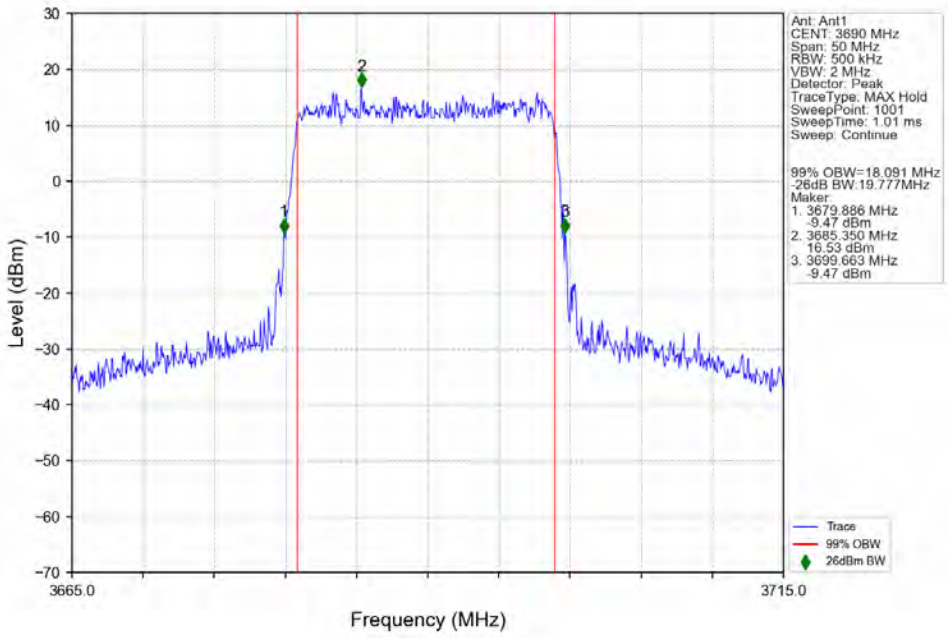
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3560.01MHz_Outer_Full_Ant1



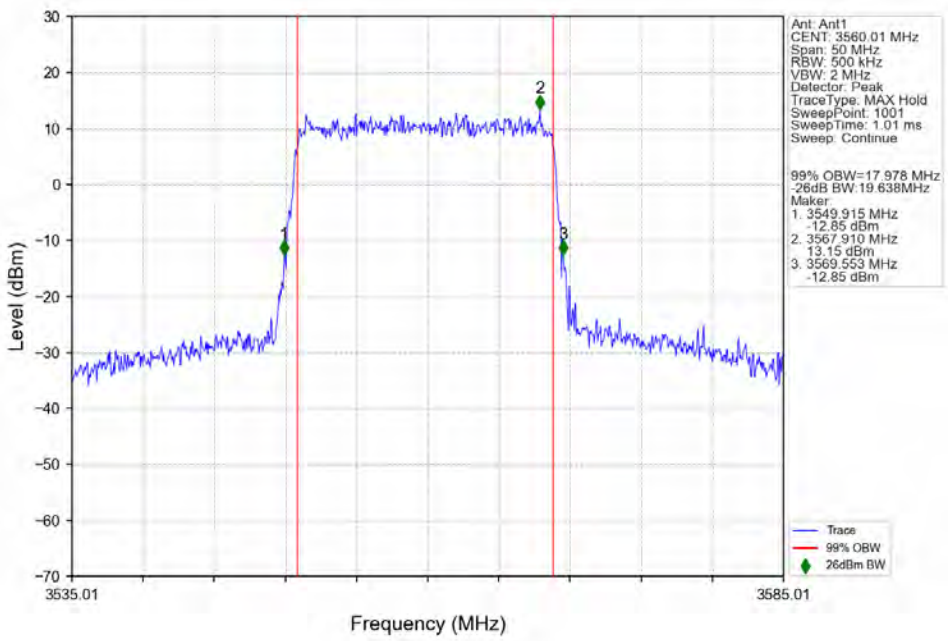
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3690MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3560.01MHz_Outer_Full_Ant1



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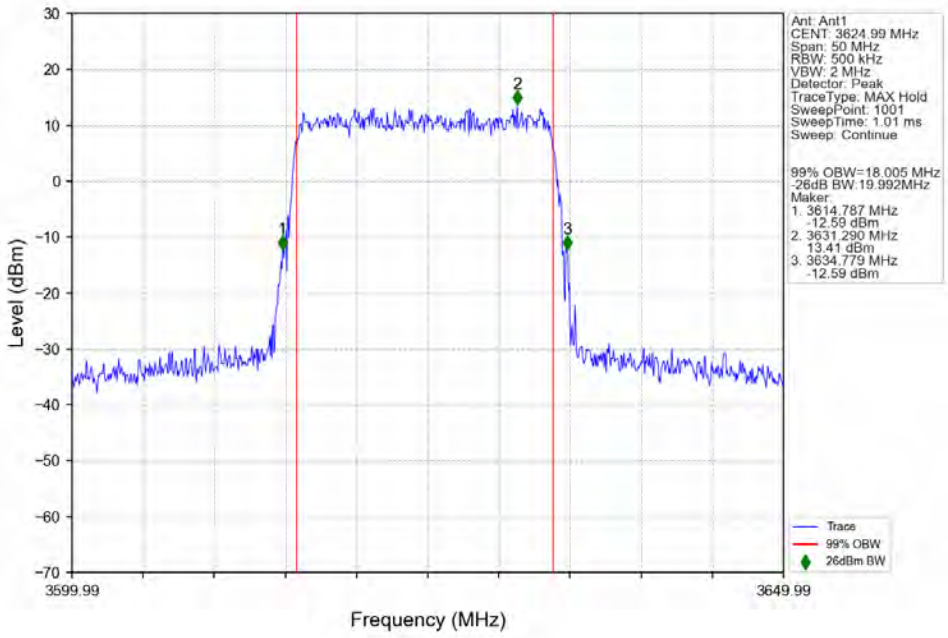

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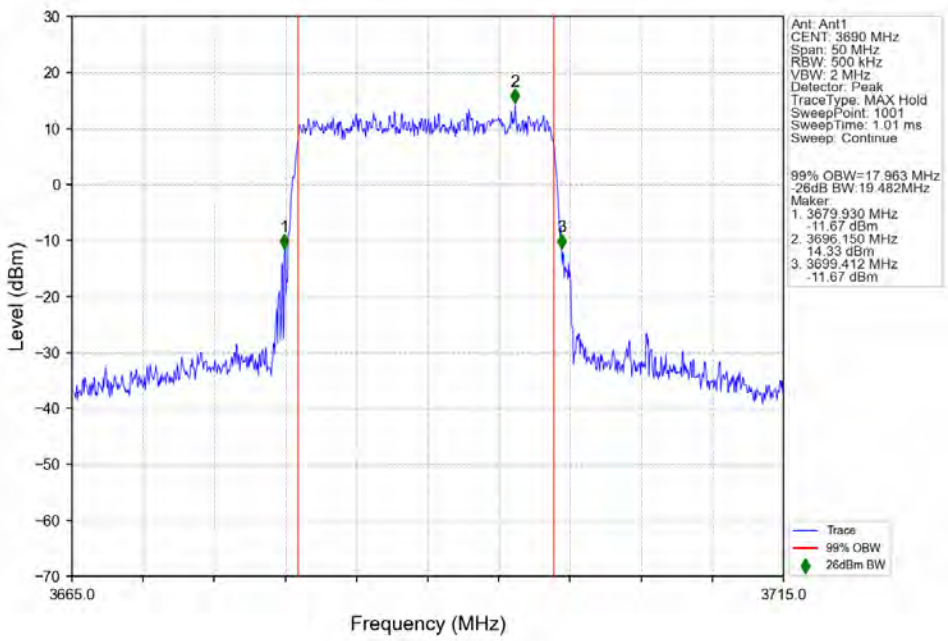

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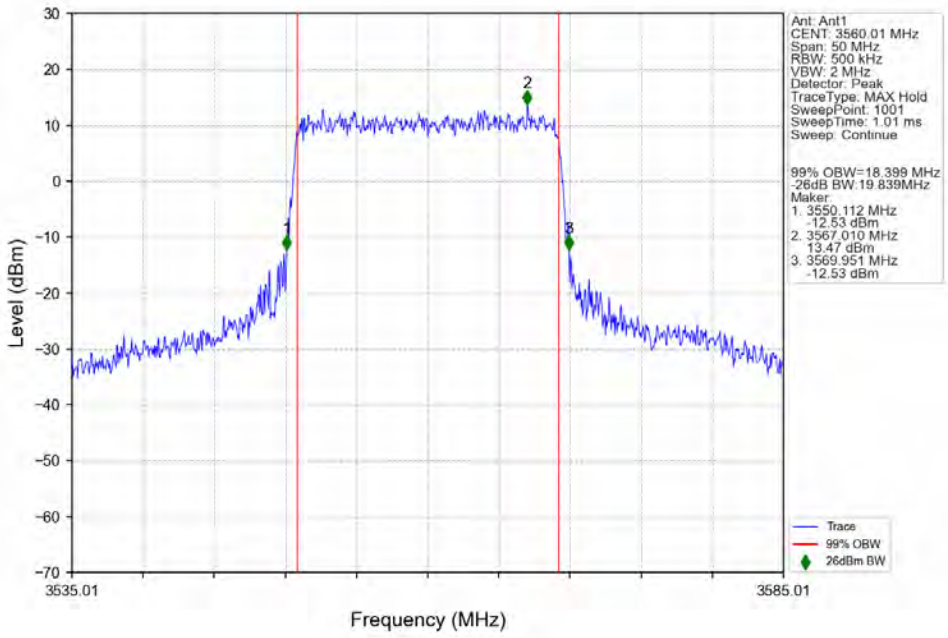

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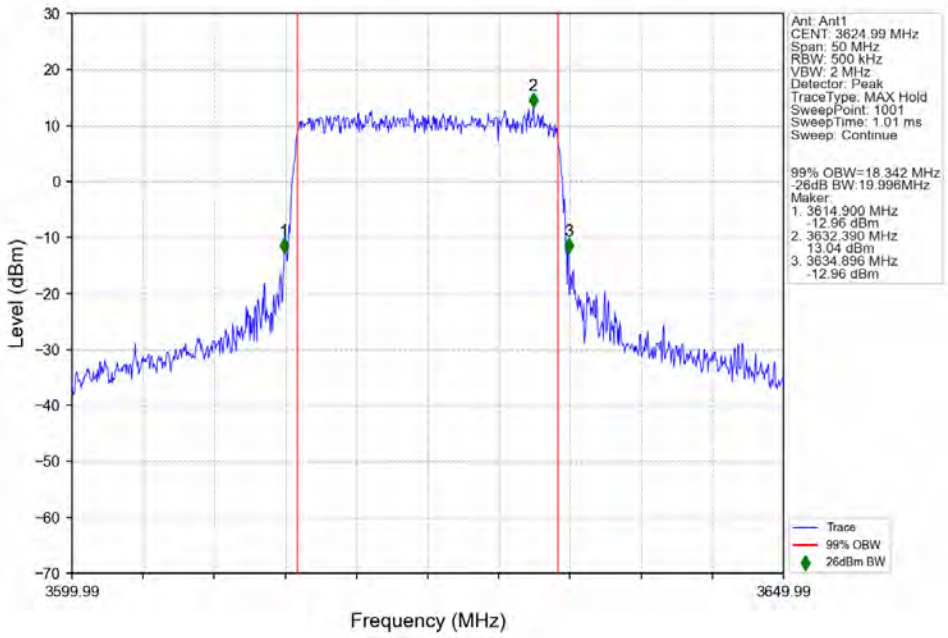

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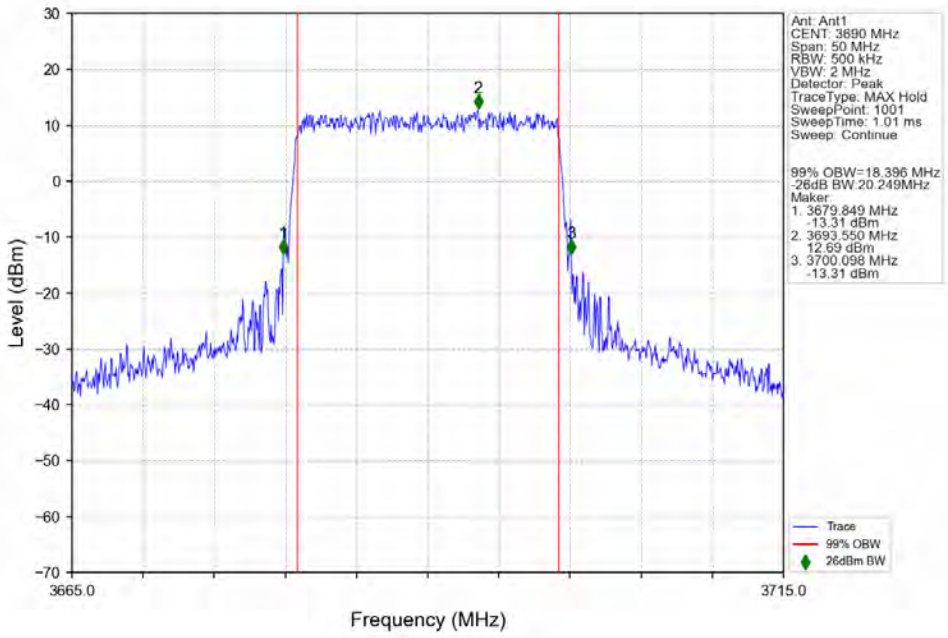

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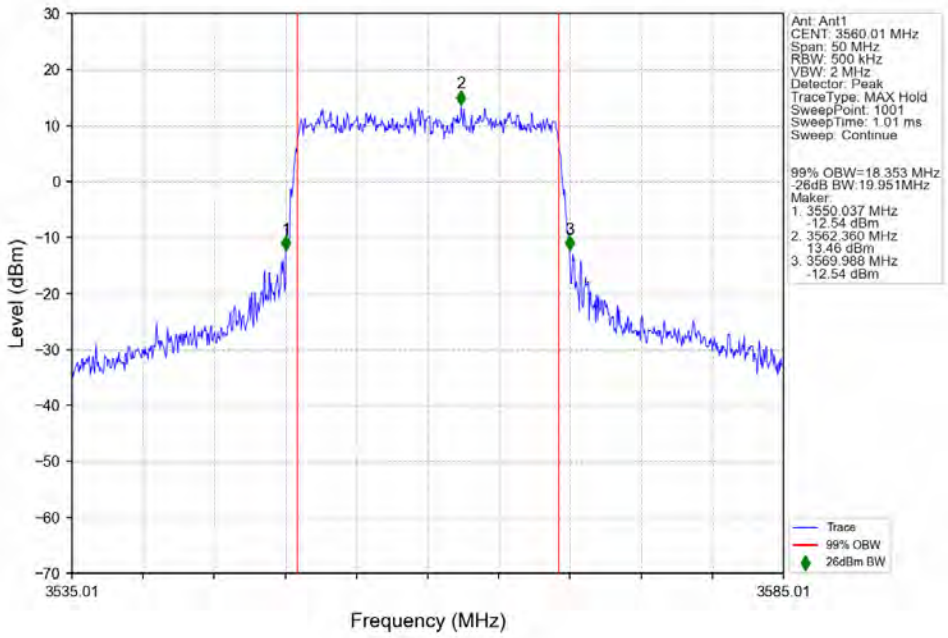
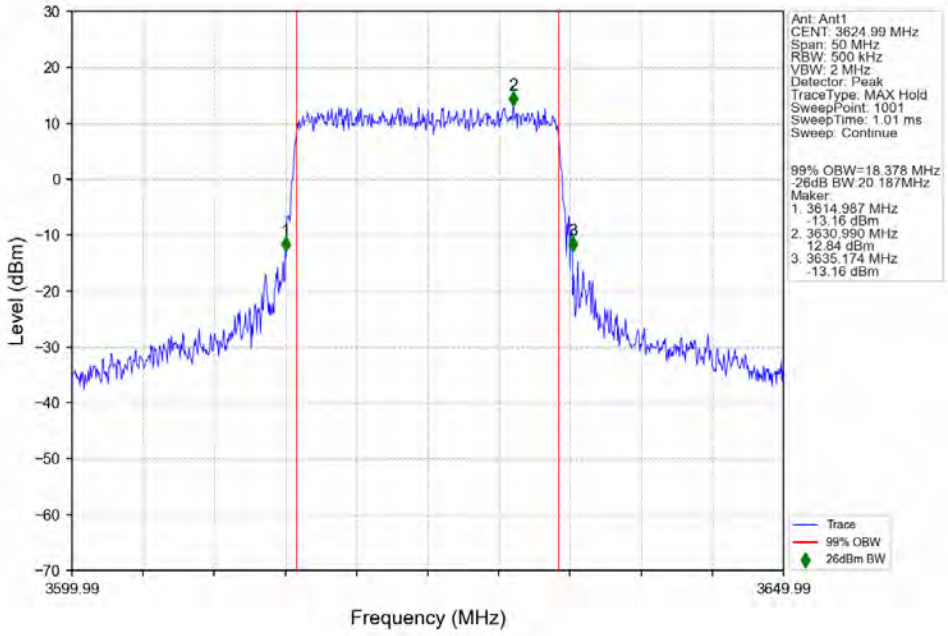
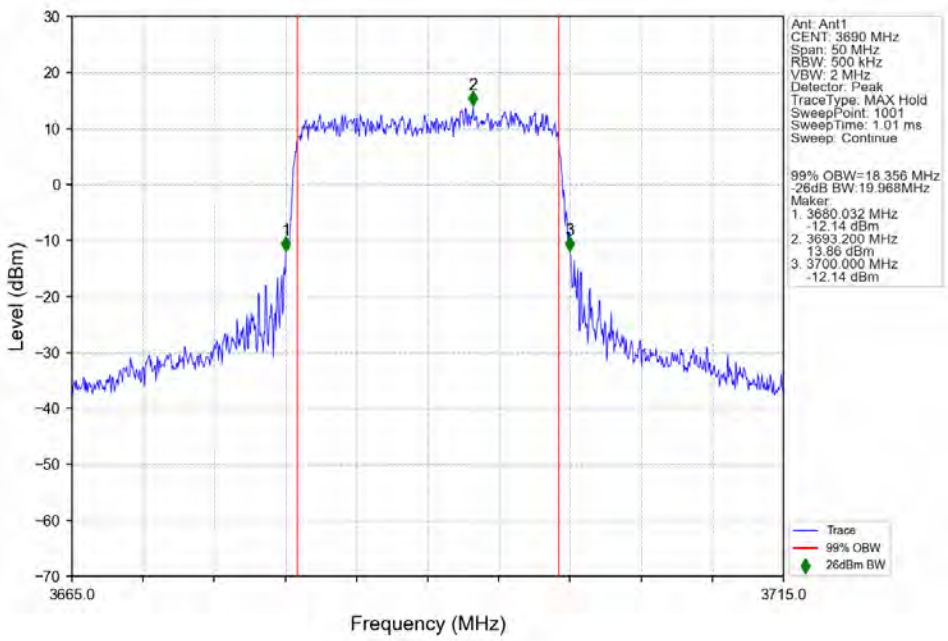


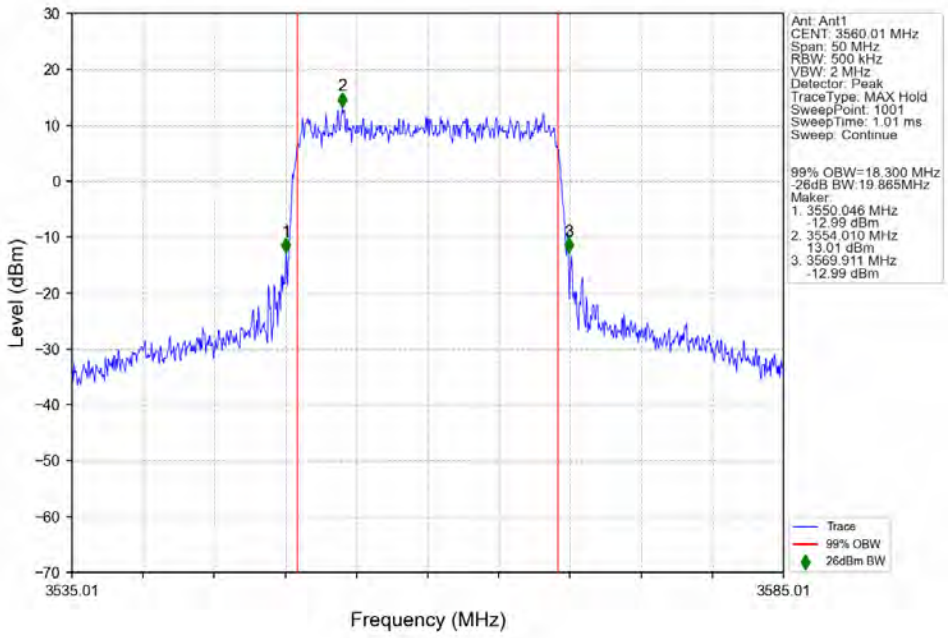
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



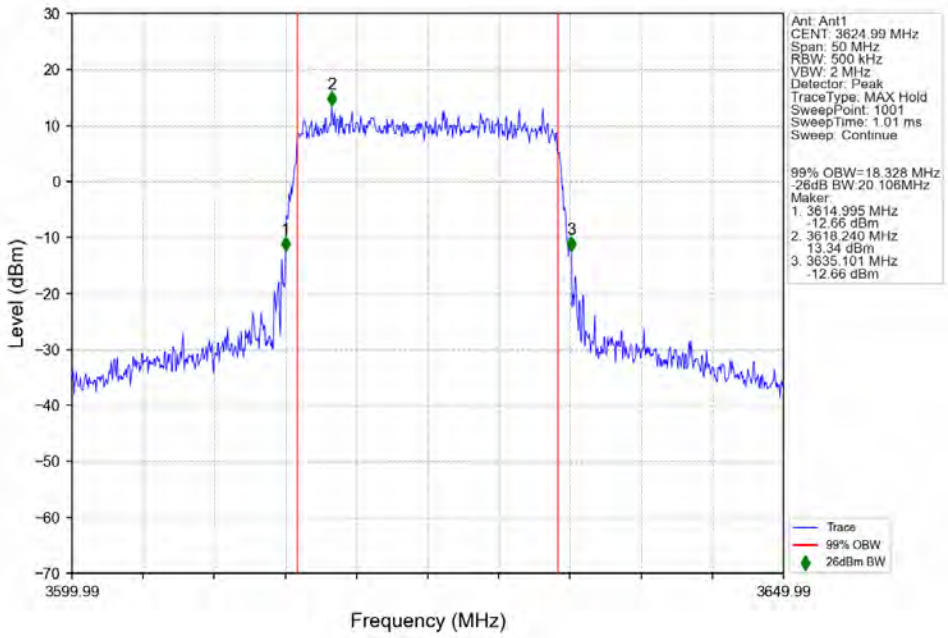
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3690MHz_Outer_Full_Ant1



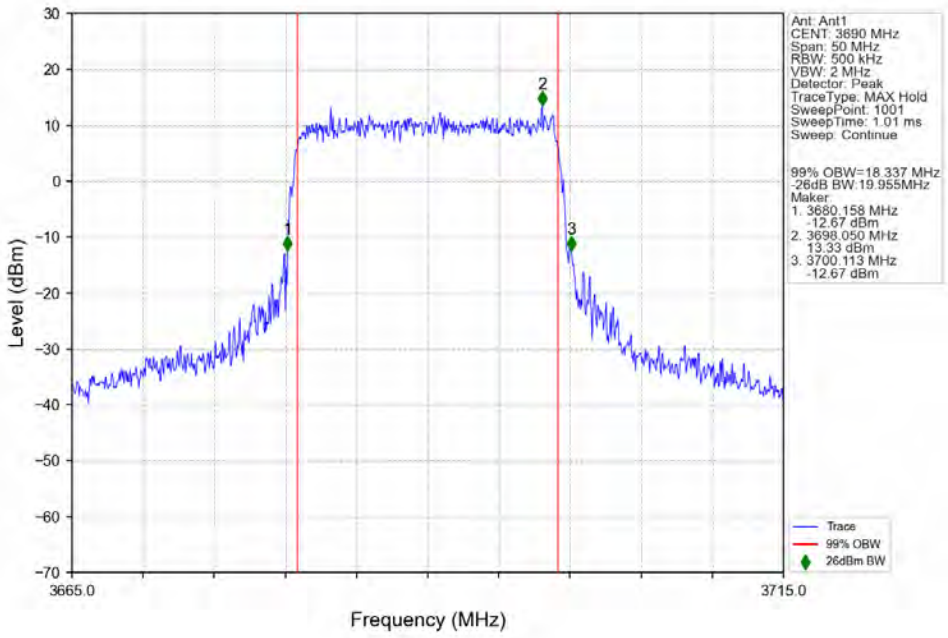
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3560.01MHz_Outer_Full_Ant1



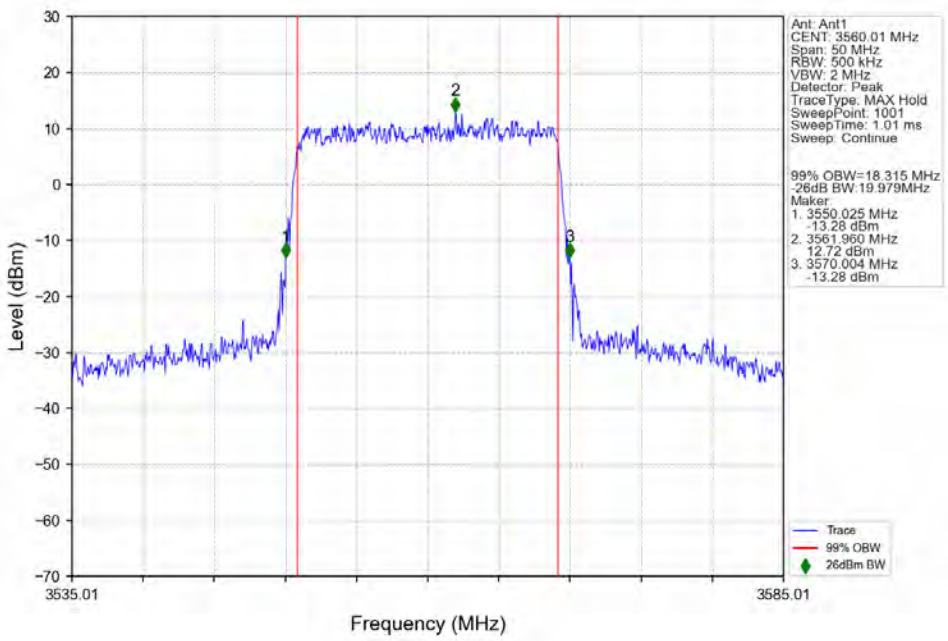
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



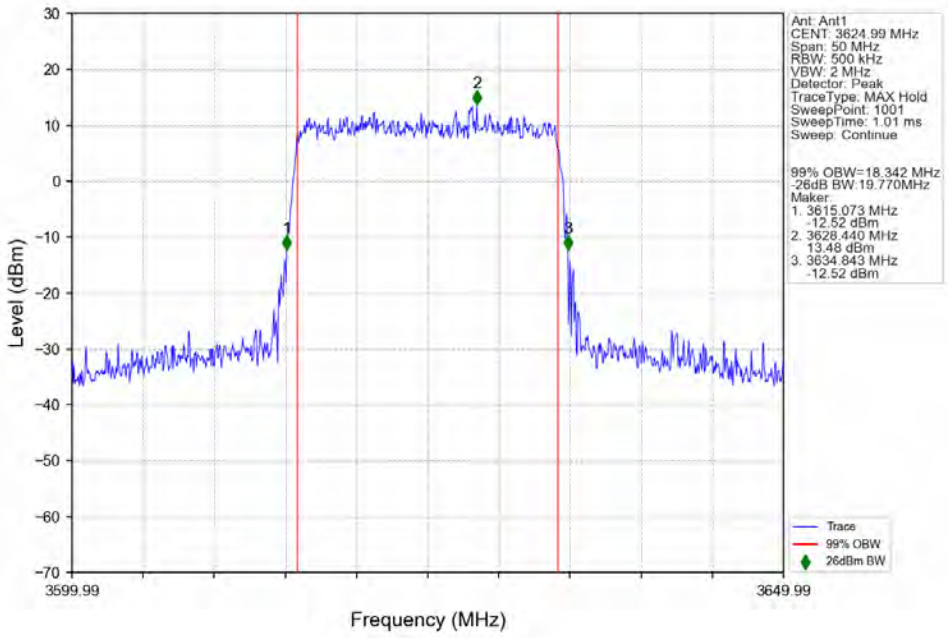
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3690MHz_Outer_Full_Ant1



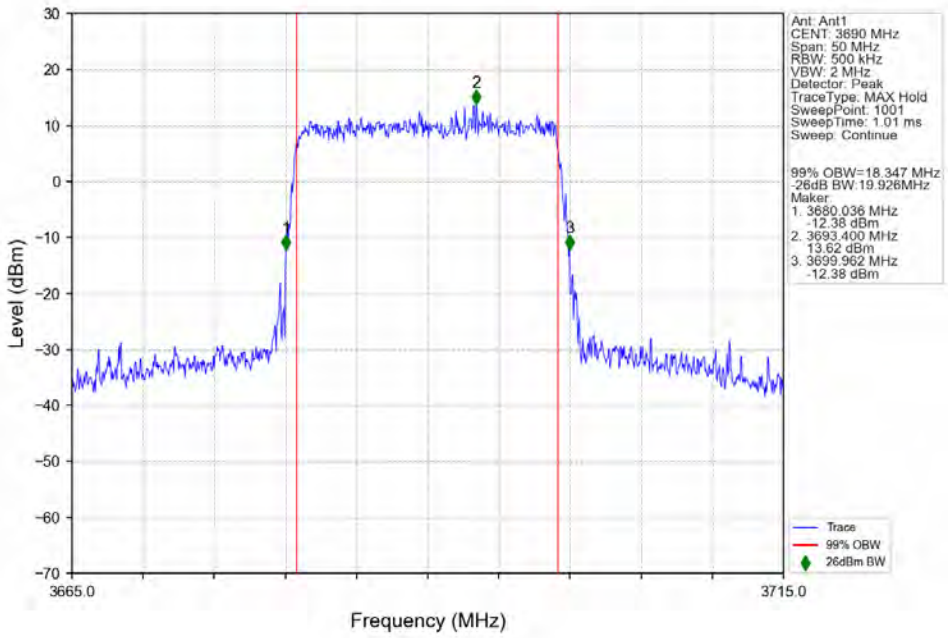
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3560.01MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1

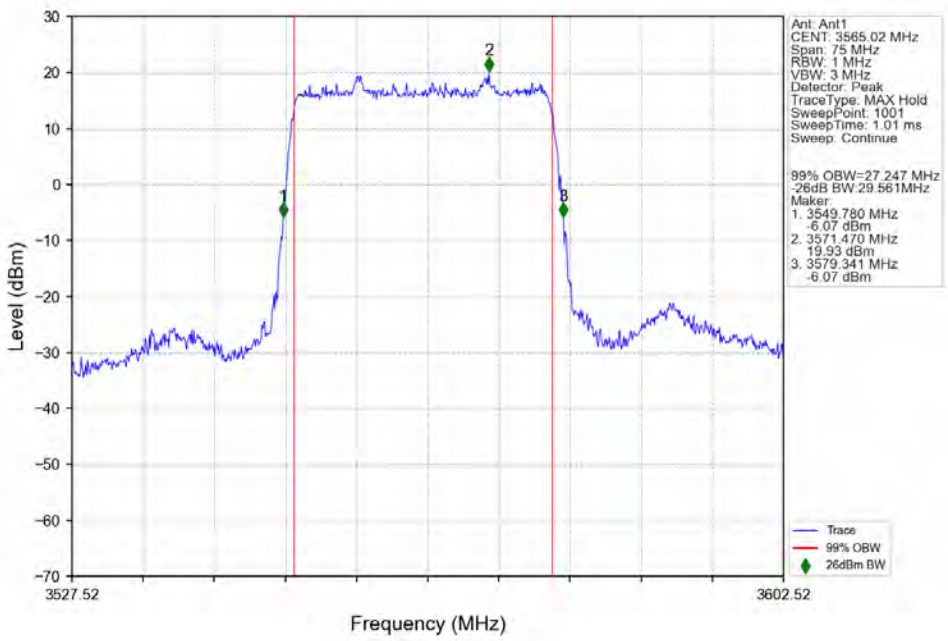


n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Outer_Full_Ant1



4.2.3 30k_SISO_30MHz_NTNV

n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3565.02MHz_Outer_Full_Ant1



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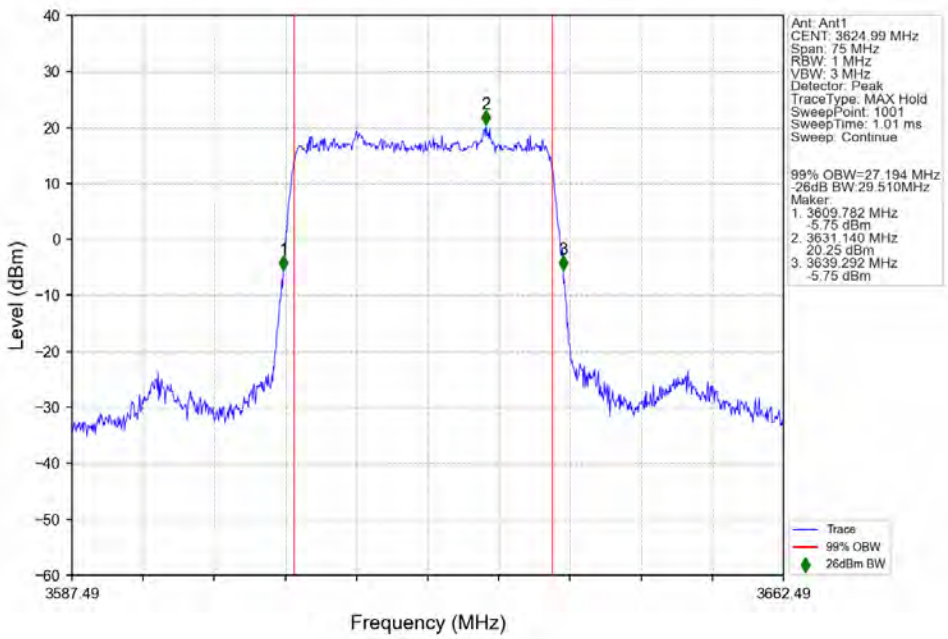
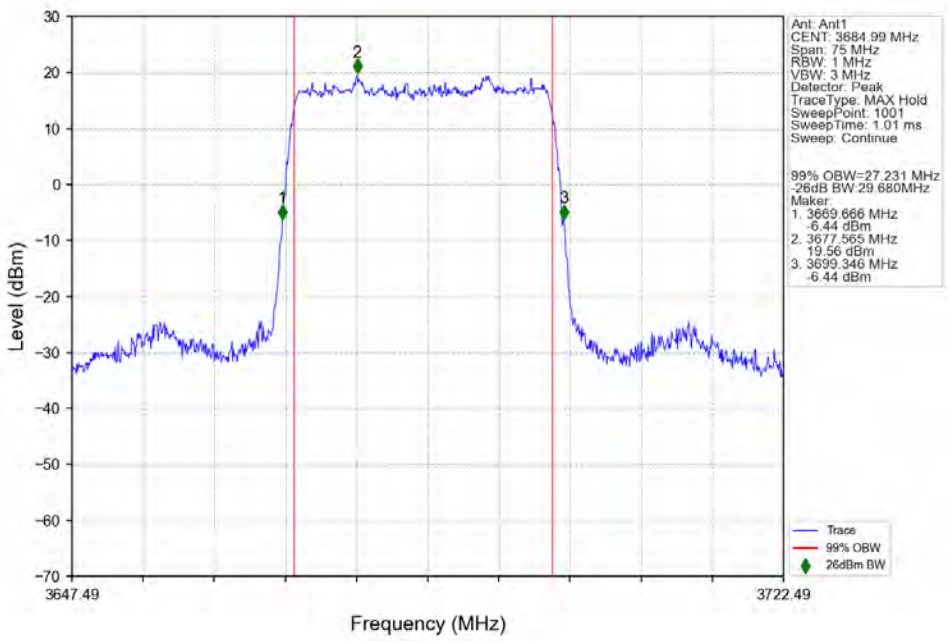
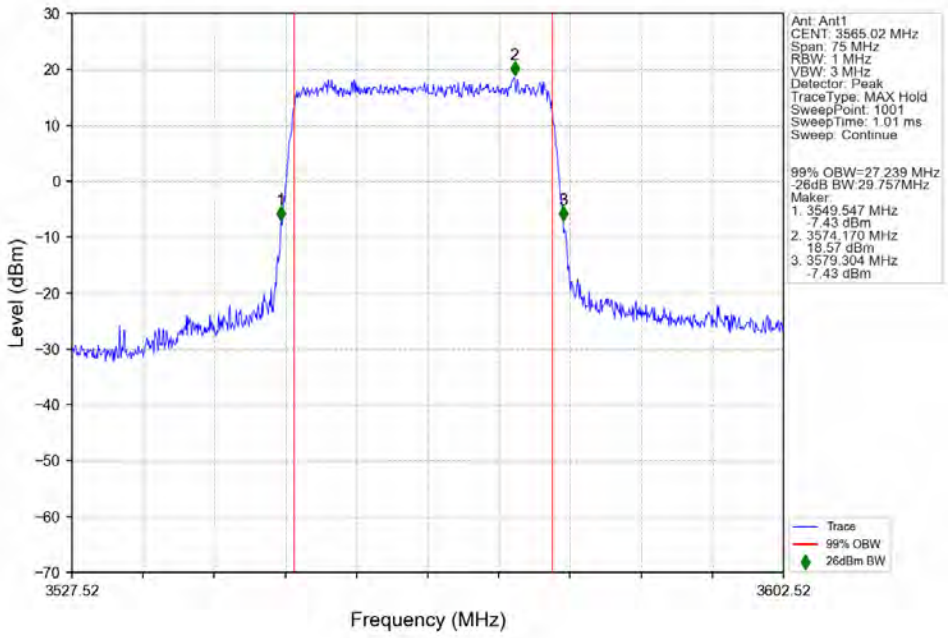


n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3684.99MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3565.02MHz_Outer_Full_Ant1



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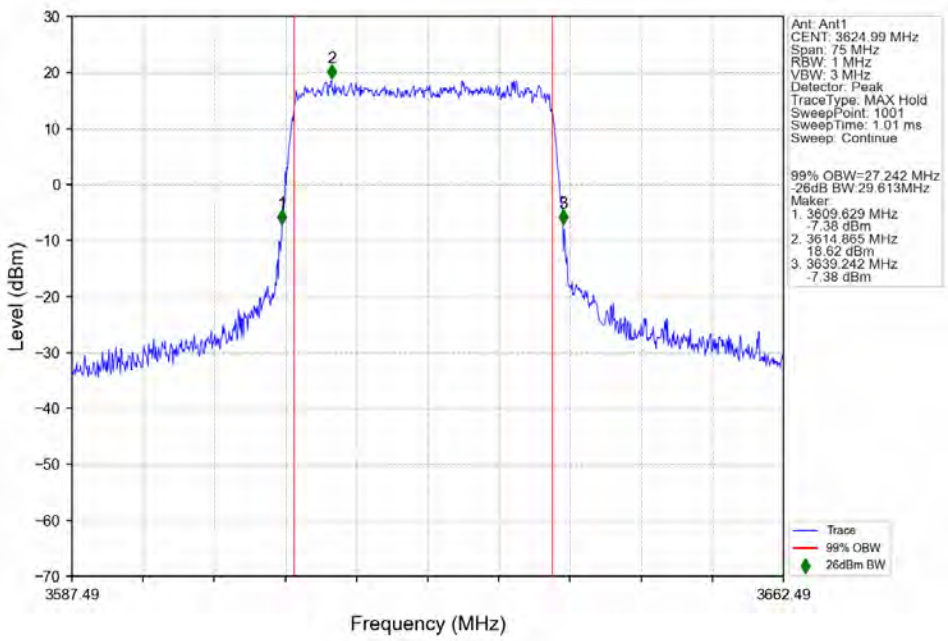
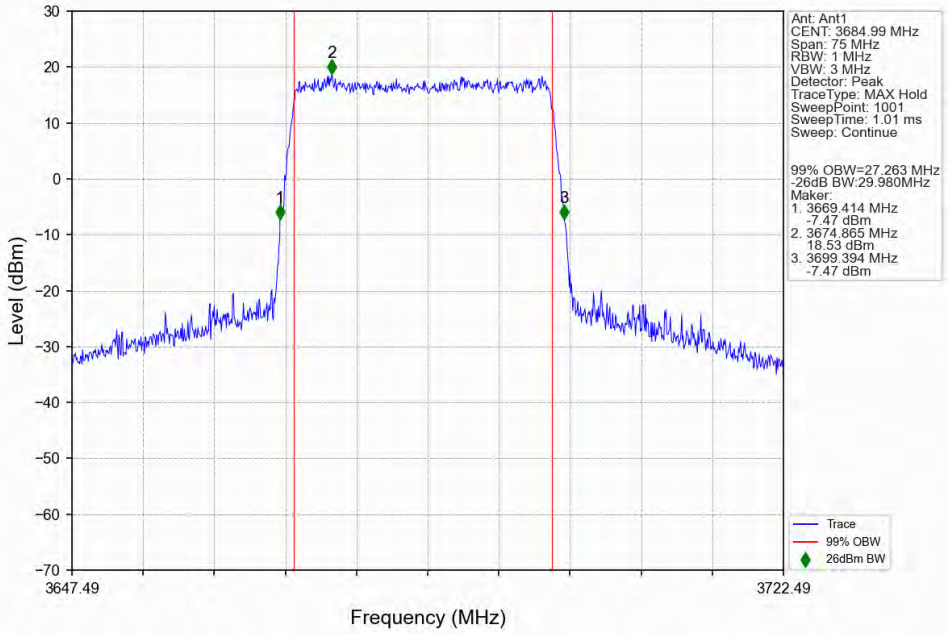
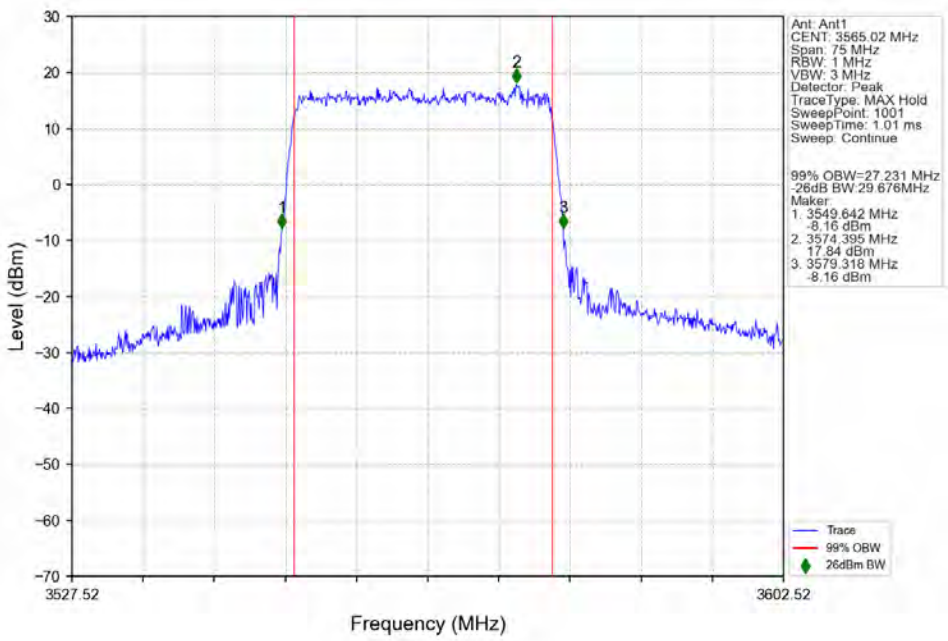


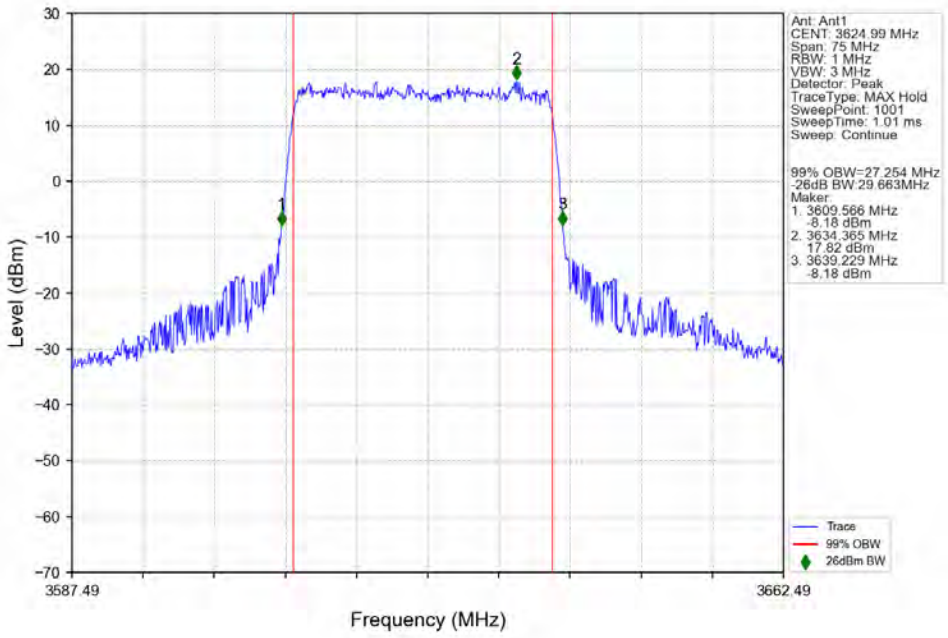
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3684.99MHz_Outer_Full_Ant1



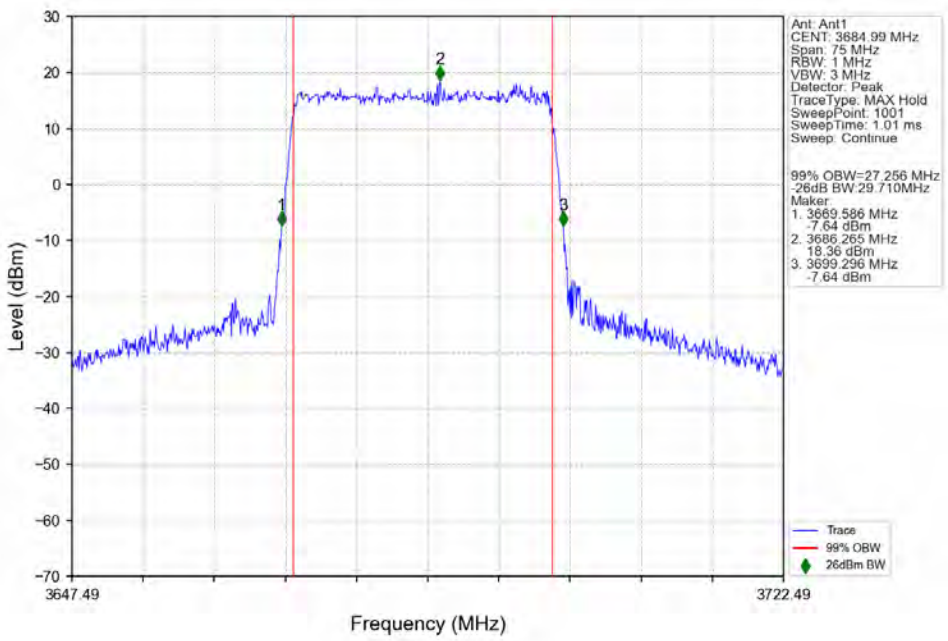
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3565.02MHz_Outer_Full_Ant1



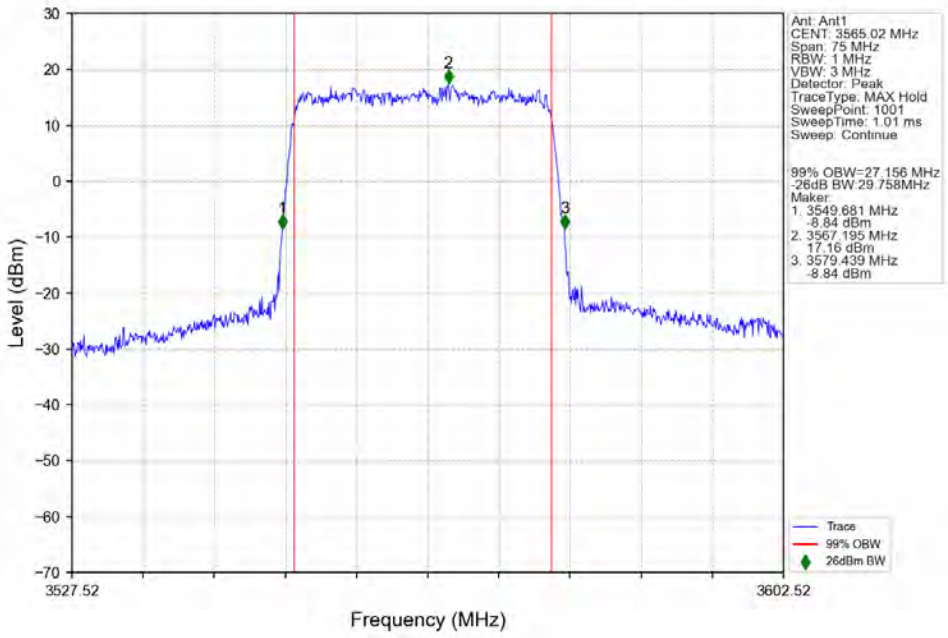
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



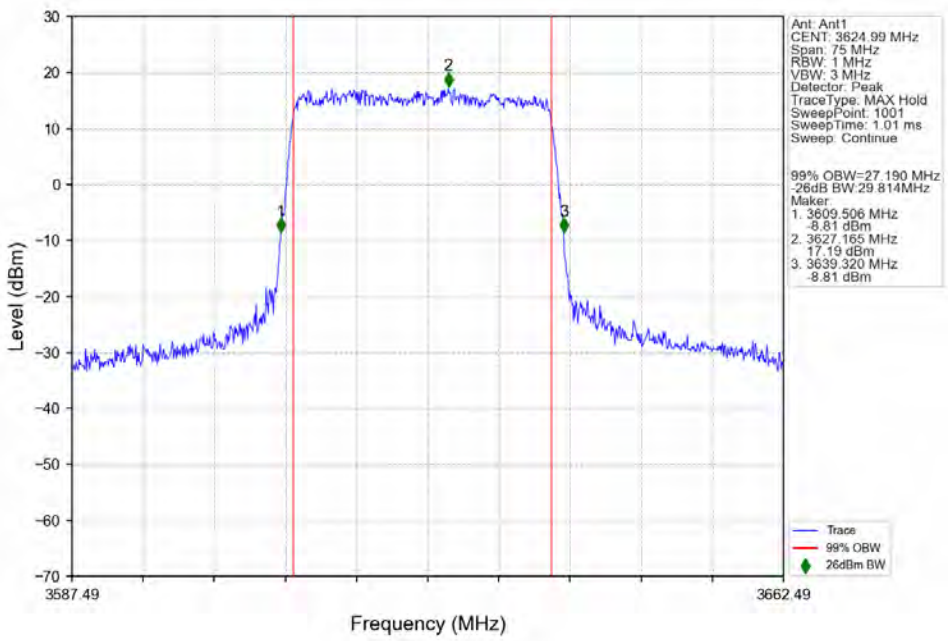
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3684.99MHz_Outer_Full_Ant1



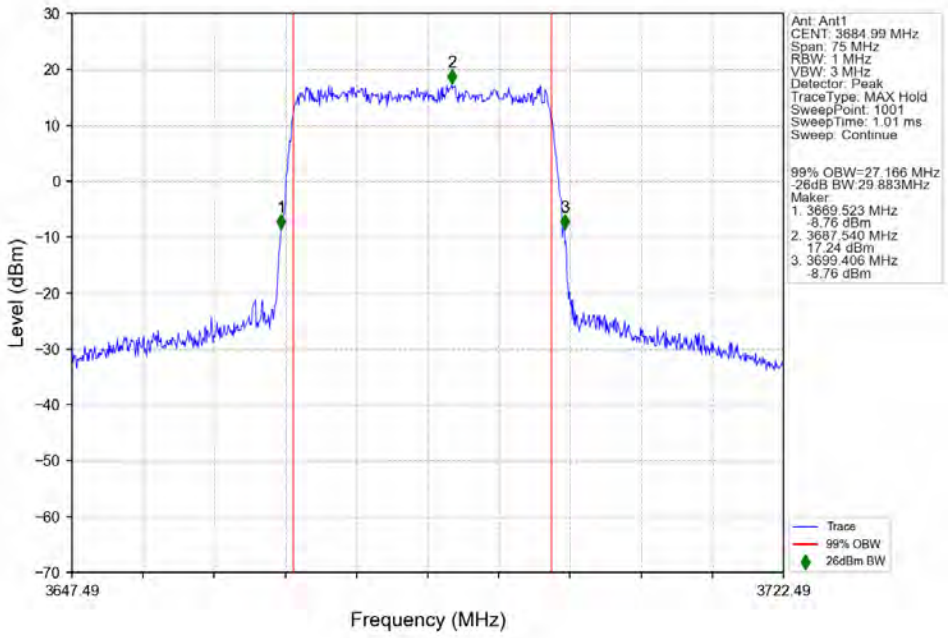
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3565.02MHz_Outer_Full_Ant1



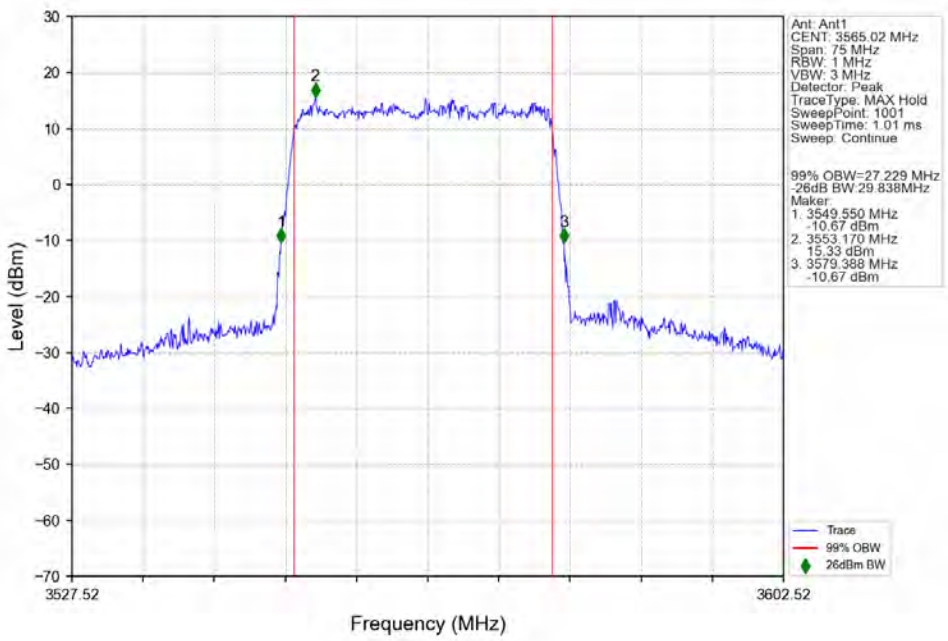
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



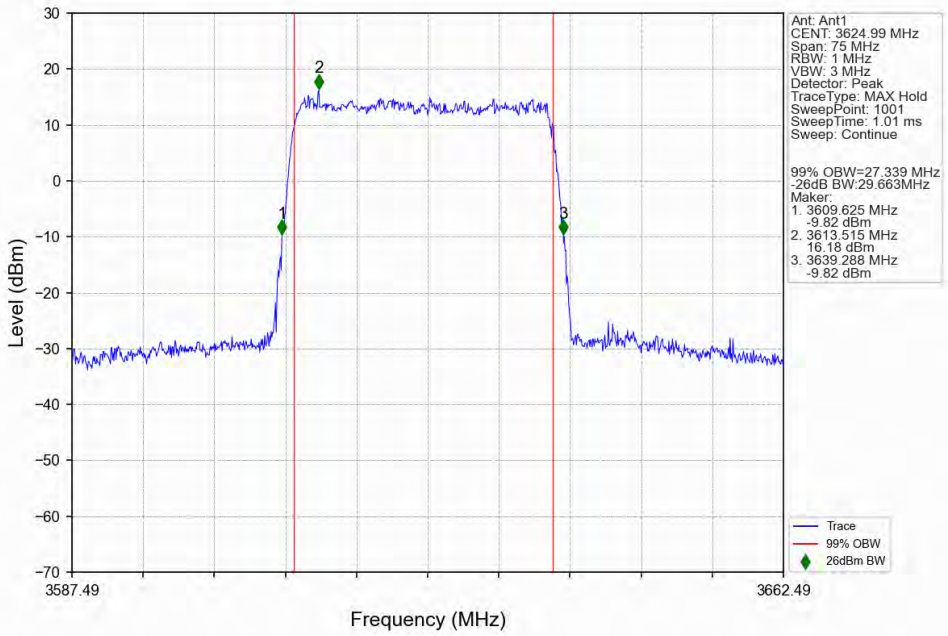
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3684.99MHz_Outer_Full_Ant1



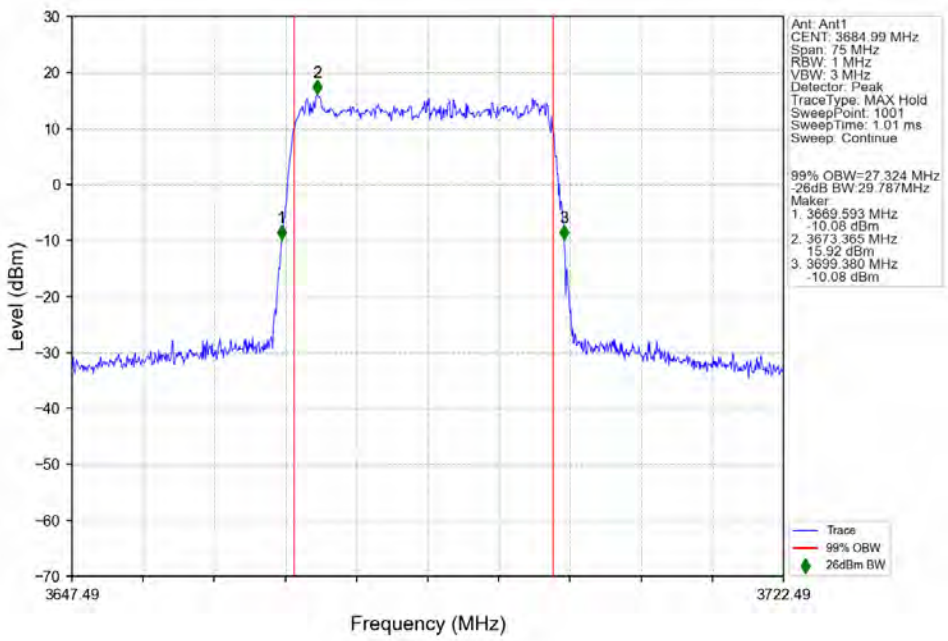
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3565.02MHz_Outer_Full_Ant1



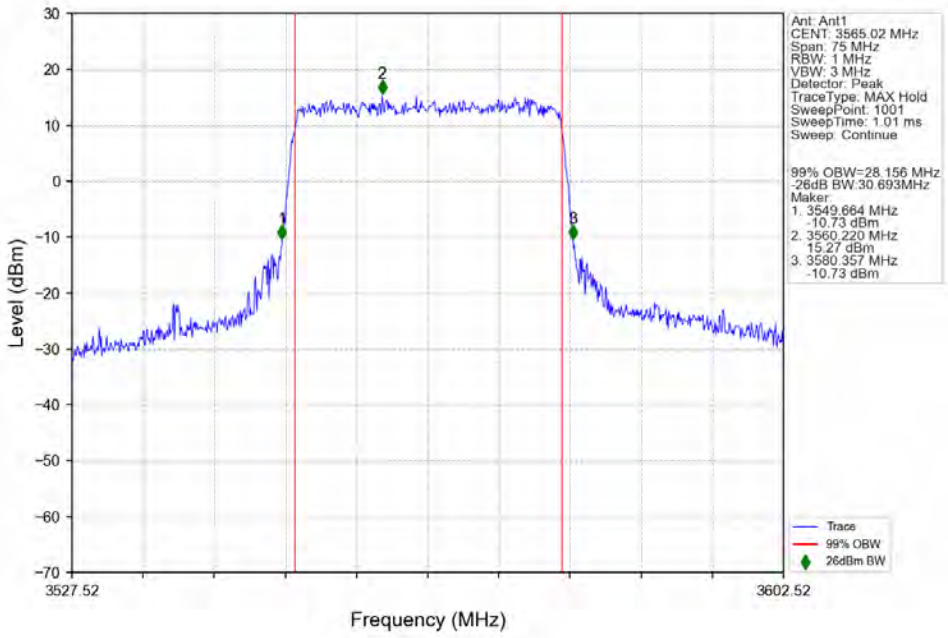
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



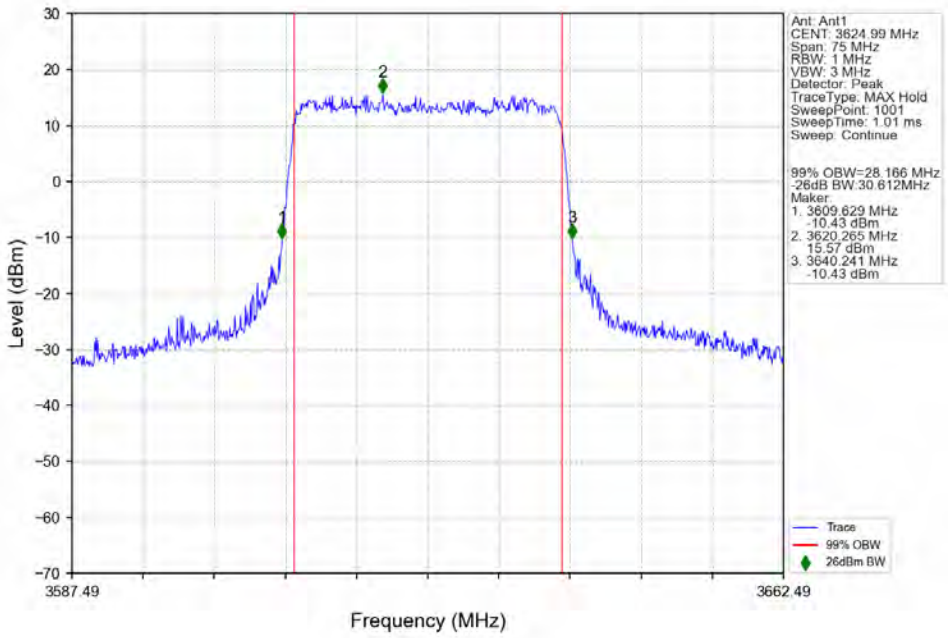
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3684.99MHz_Outer_Full_Ant1



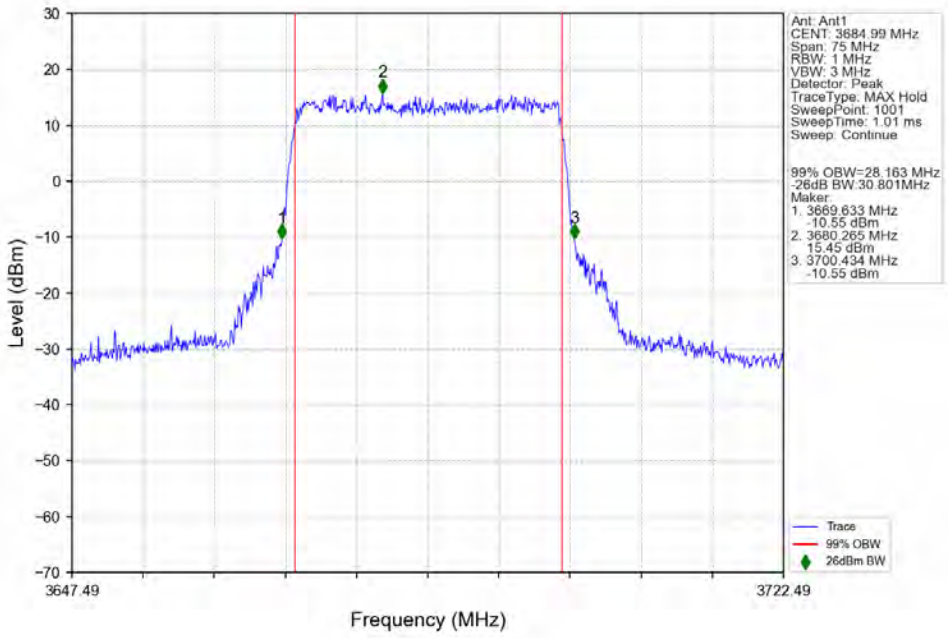
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3565.02MHz_Outer_Full_Ant1



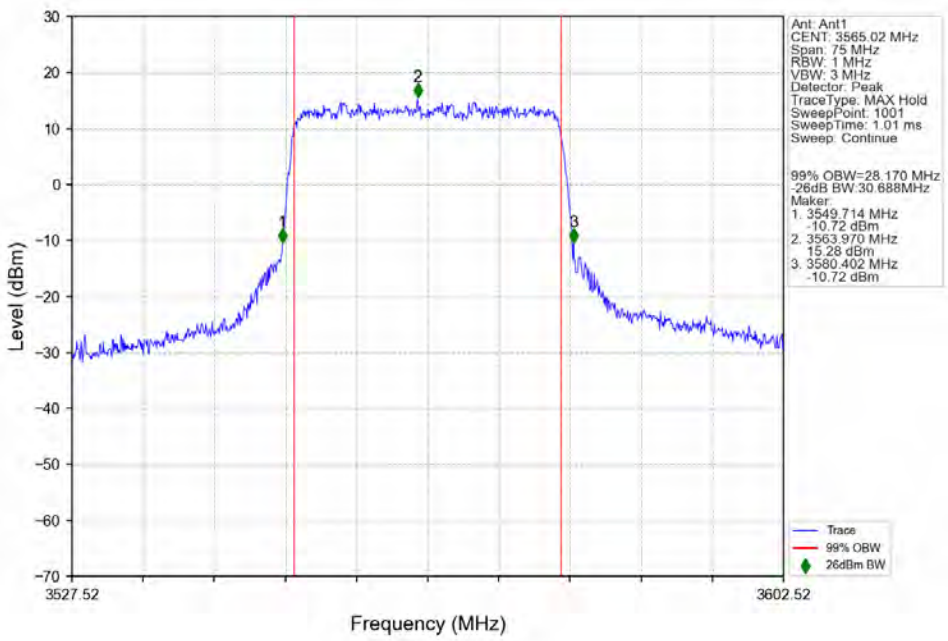
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



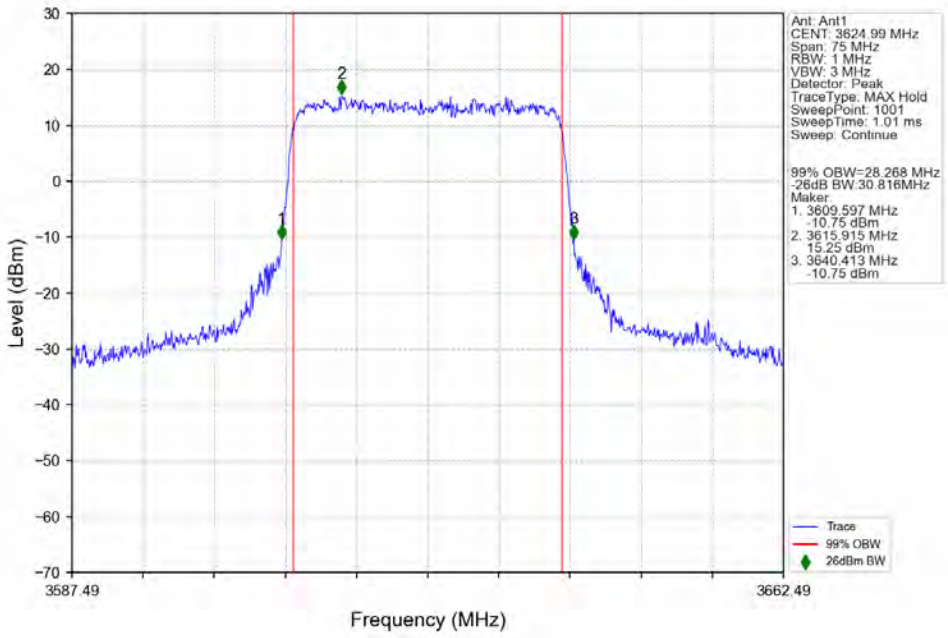
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3684.99MHz_Outer_Full_Ant1



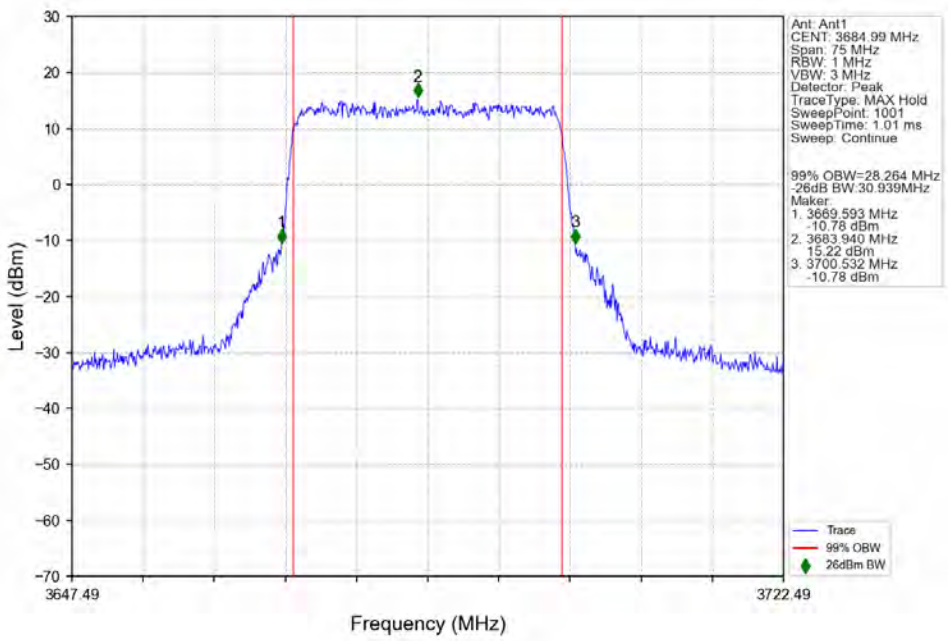
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3565.02MHz_Outer_Full_Ant1



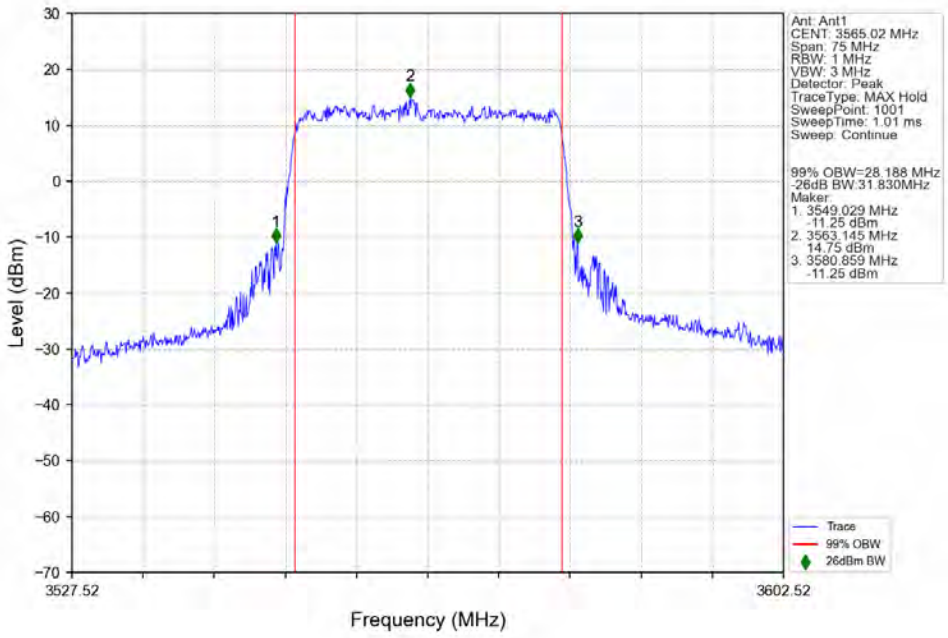
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



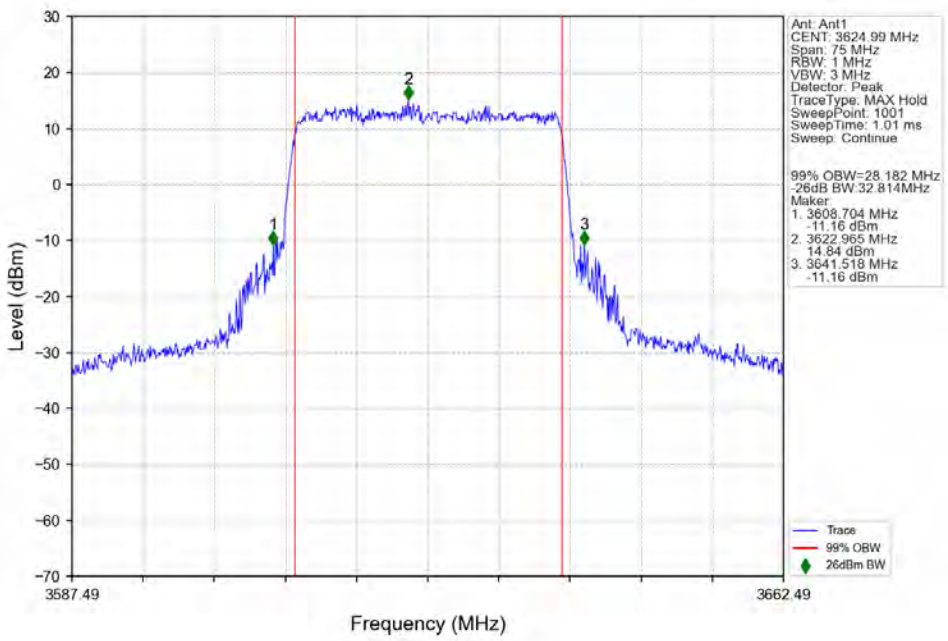
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3684.99MHz_Outer_Full_Ant1



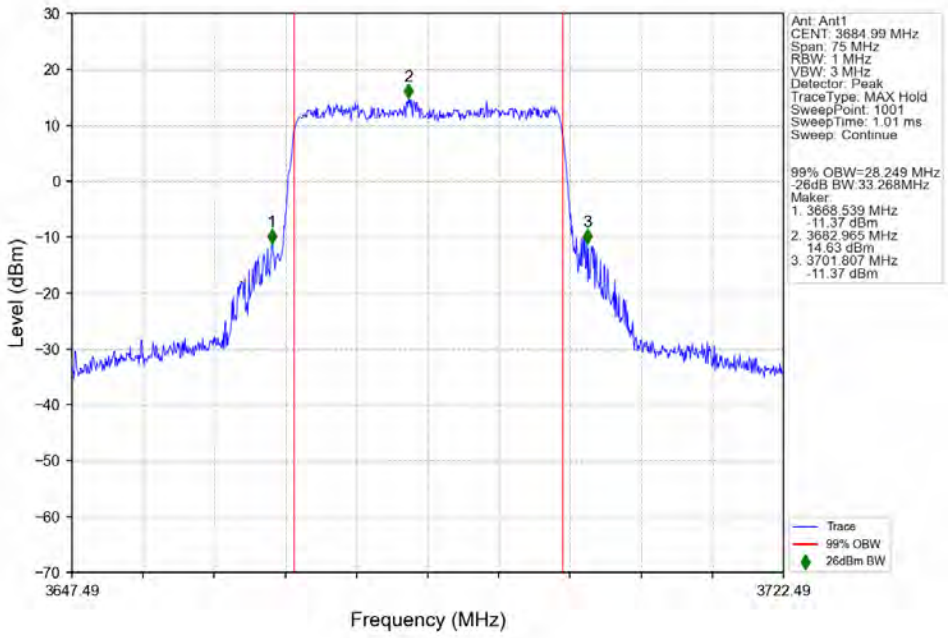
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3565.02MHz_Outer_Full_Ant1



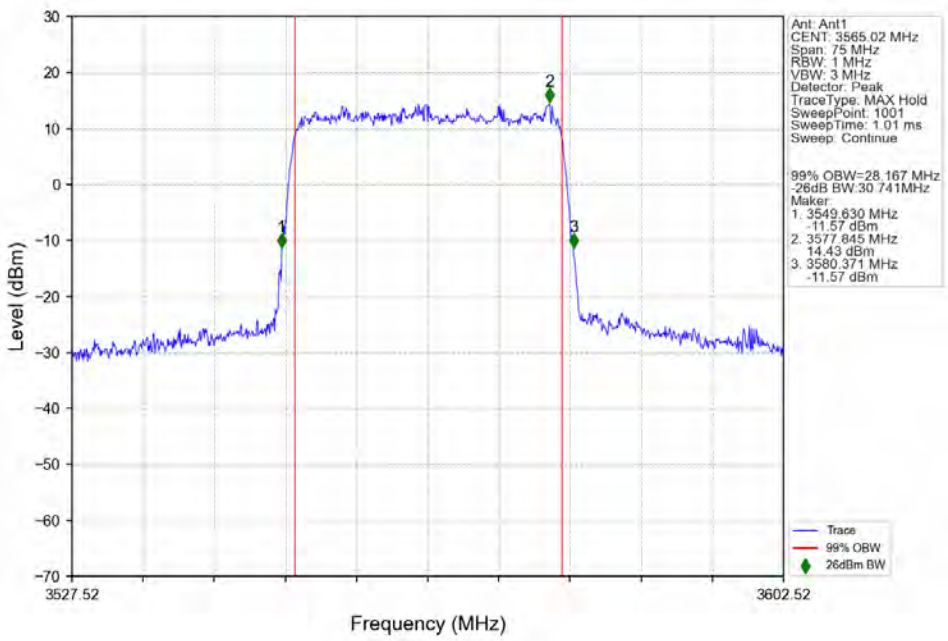
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



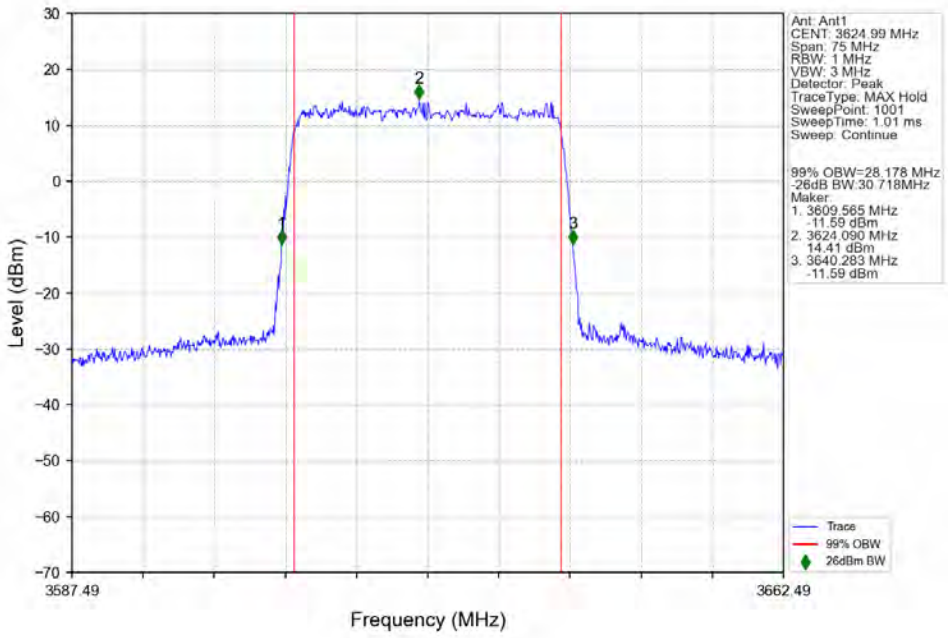
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Outer_Full_Ant1



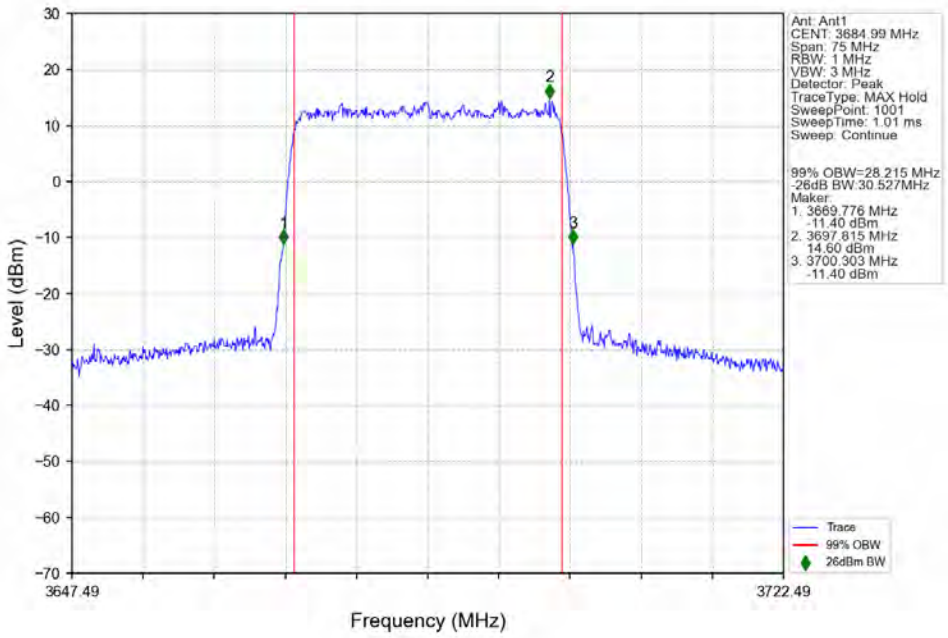
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1

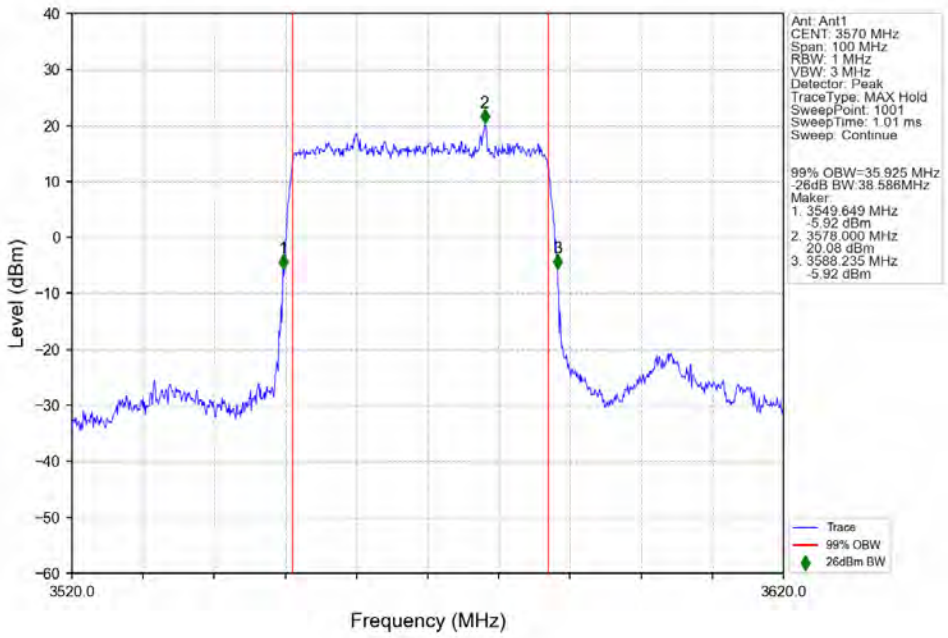


n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Outer_Full_Ant1

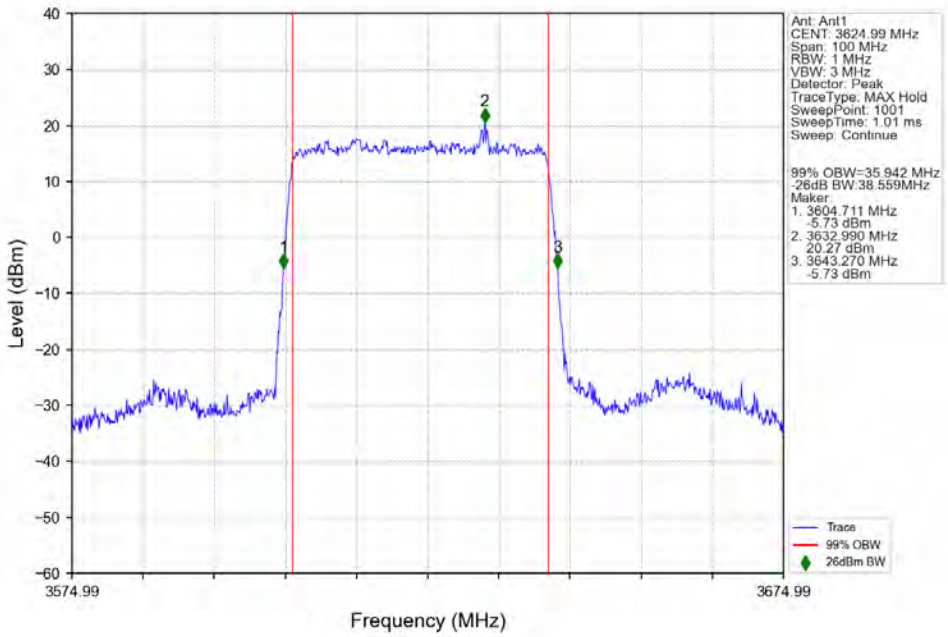


4.2.4 30k_SISO_40MHz_NTNV

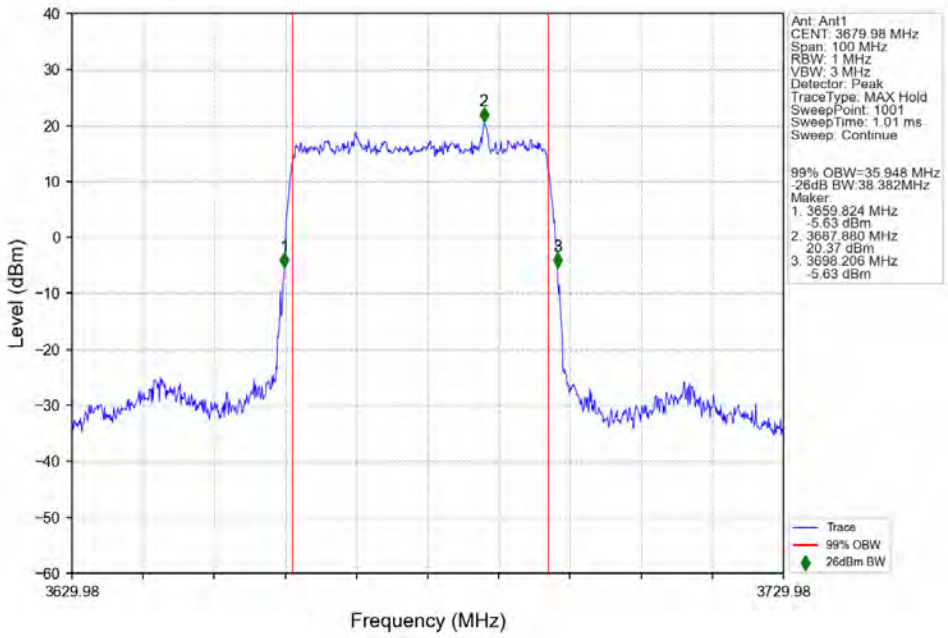
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Outer_Full_Ant1



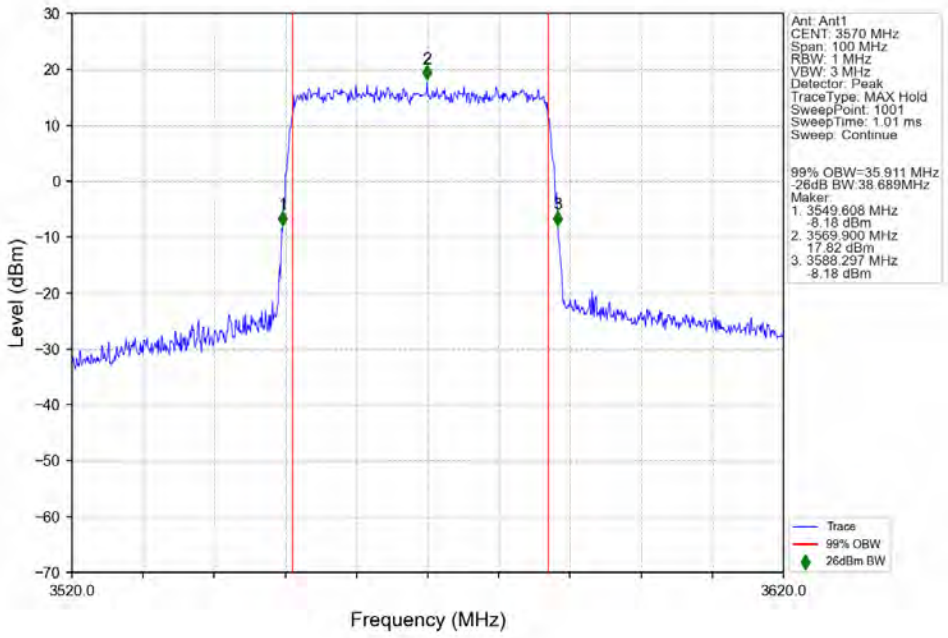
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



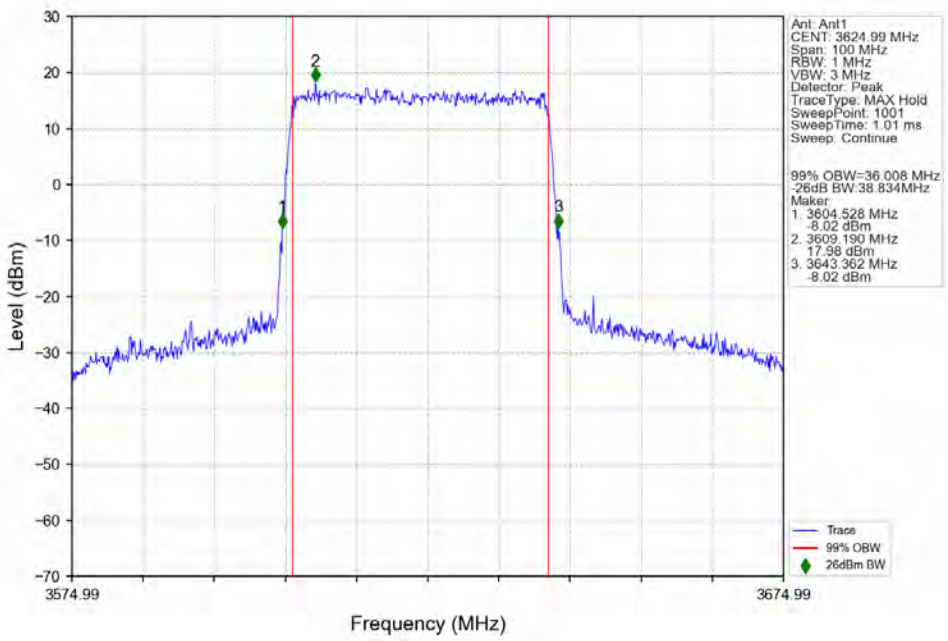
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3679.98MHz_Outer_Full_Ant1



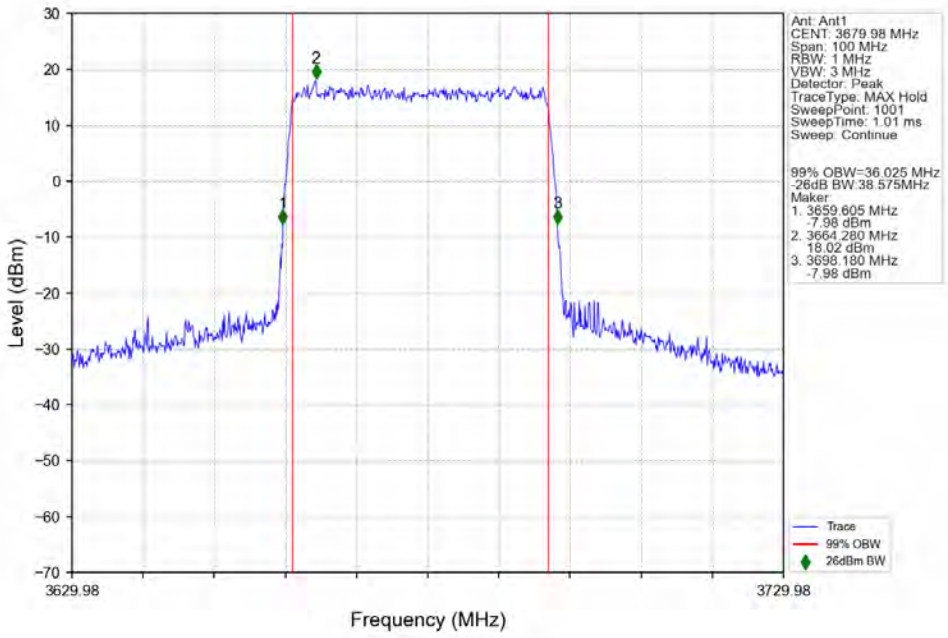
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3570MHz_Outer_Full_Ant1



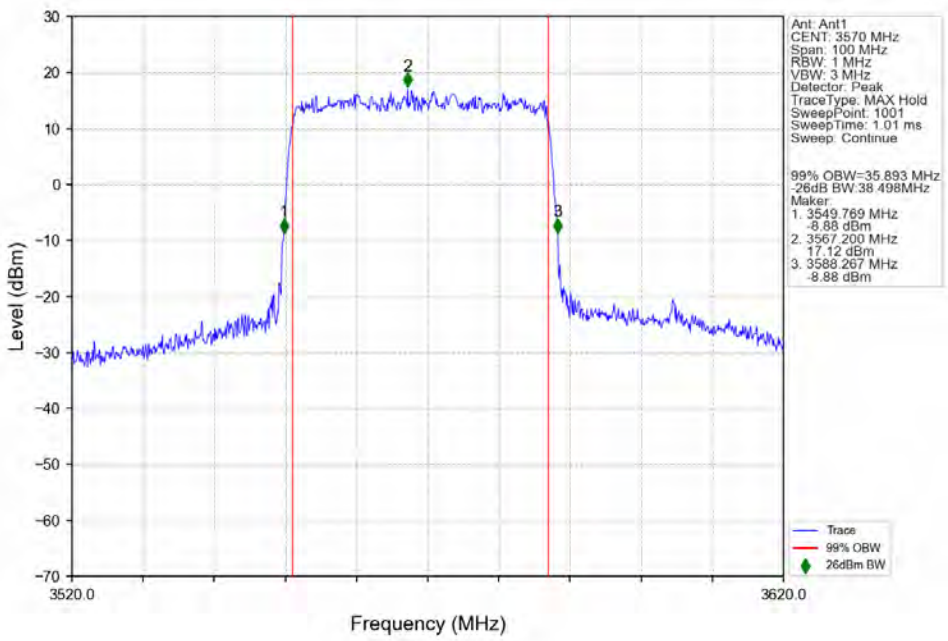
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



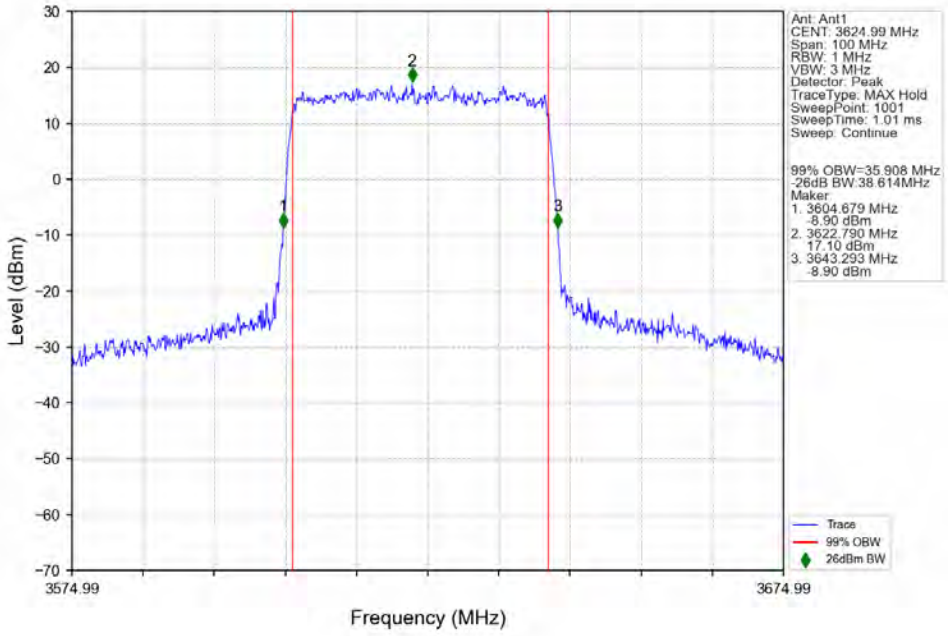
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3679.98MHz_Outer_Full_Ant1



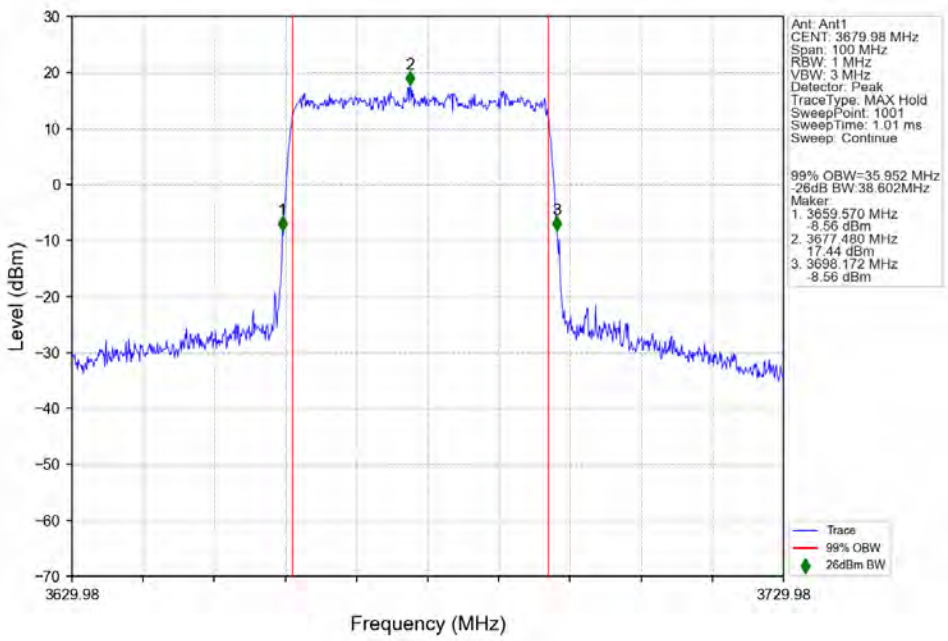
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3570MHz_Outer_Full_Ant1



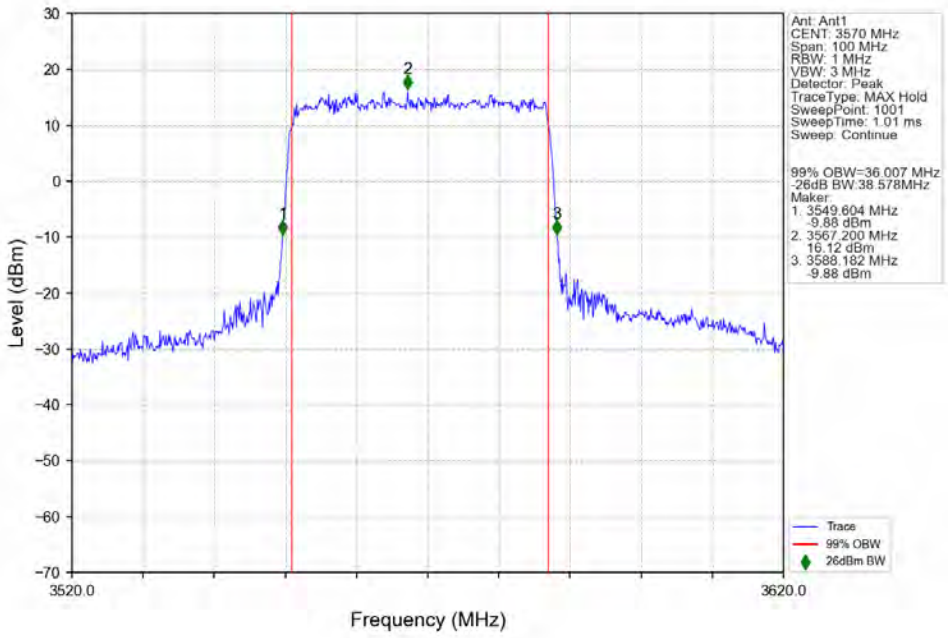
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



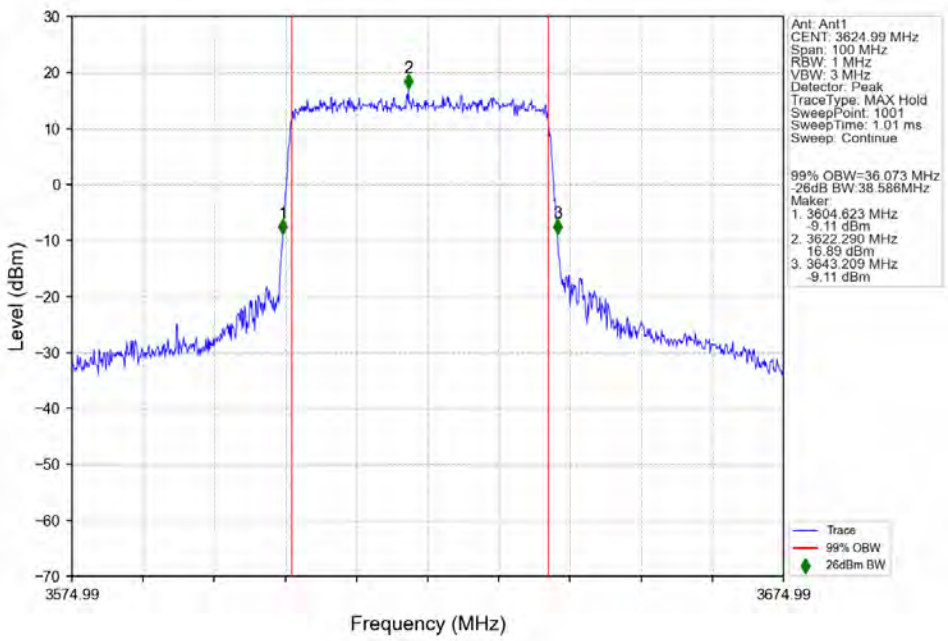
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3679.98MHz_Outer_Full_Ant1



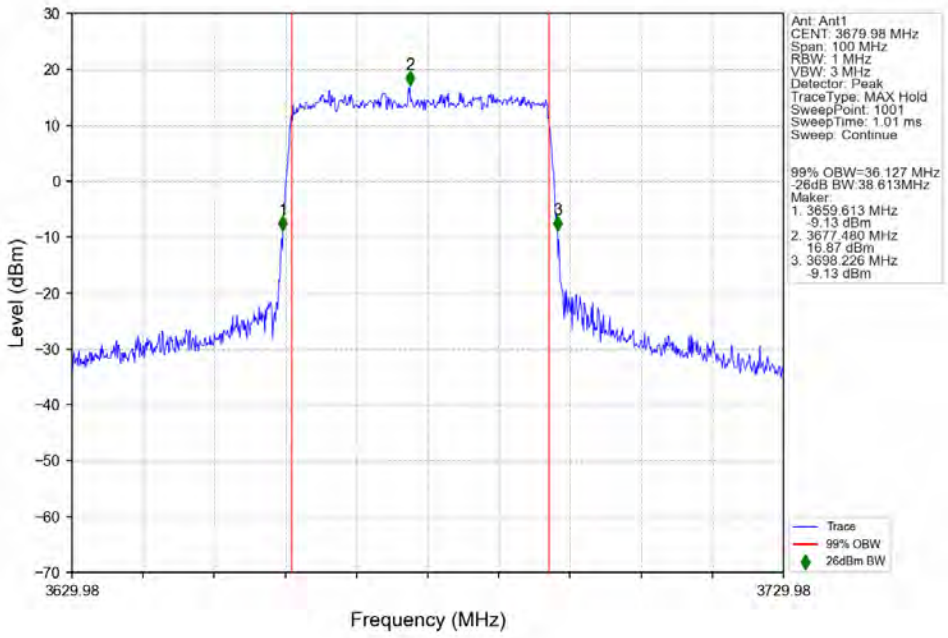
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Outer_Full_Ant1



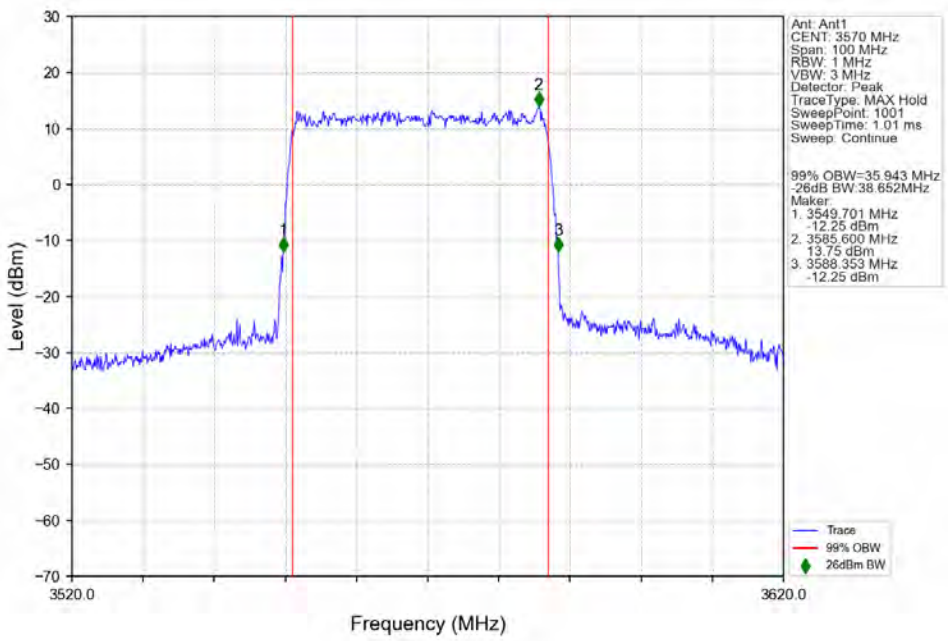
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



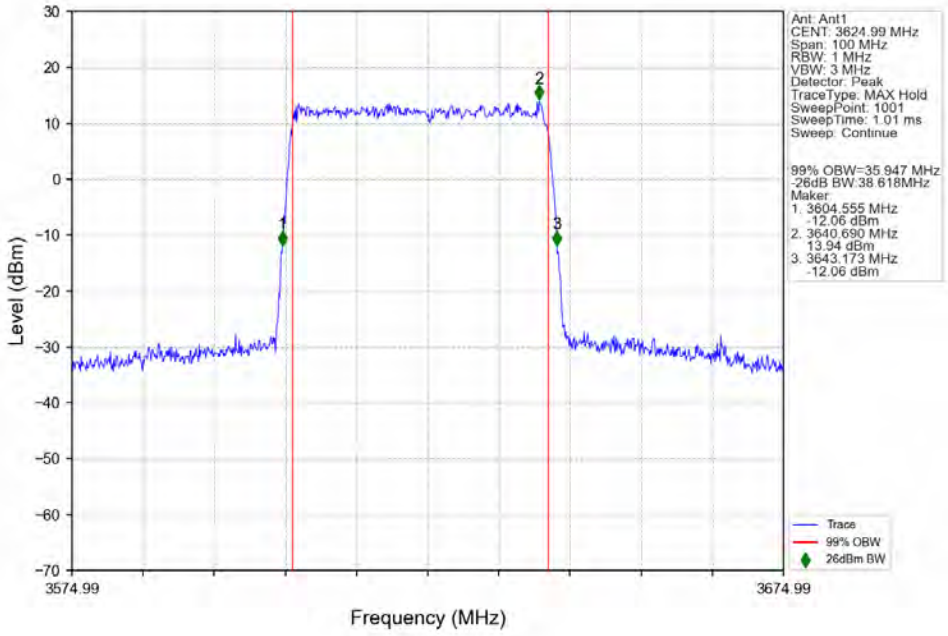
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Outer_Full_Ant1



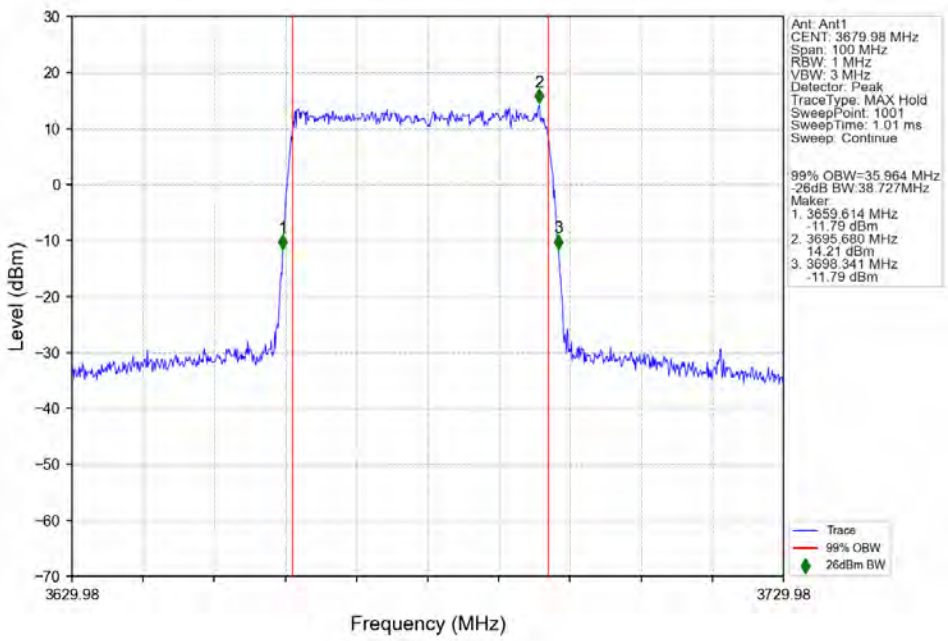
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Outer_Full_Ant1



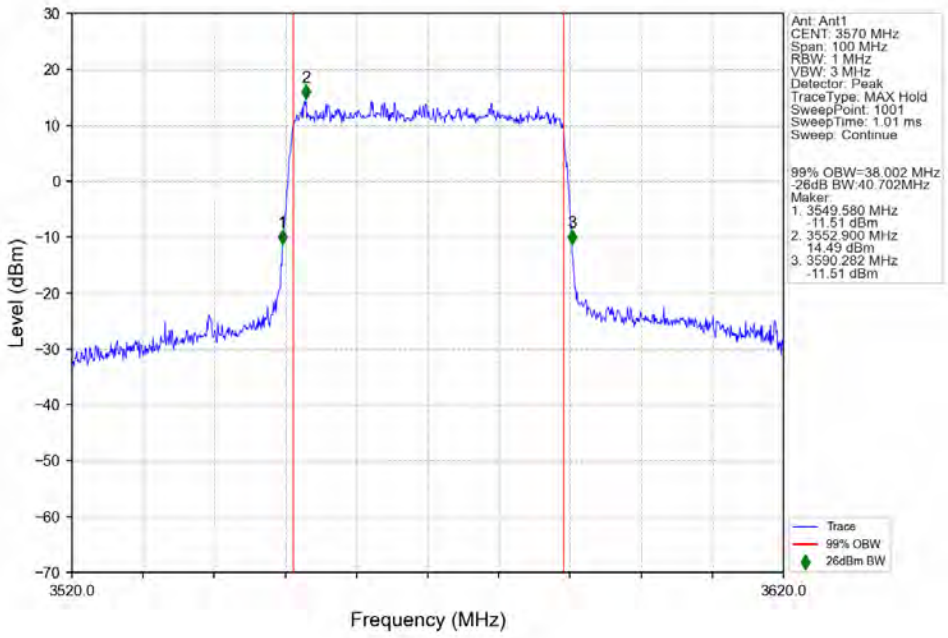
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



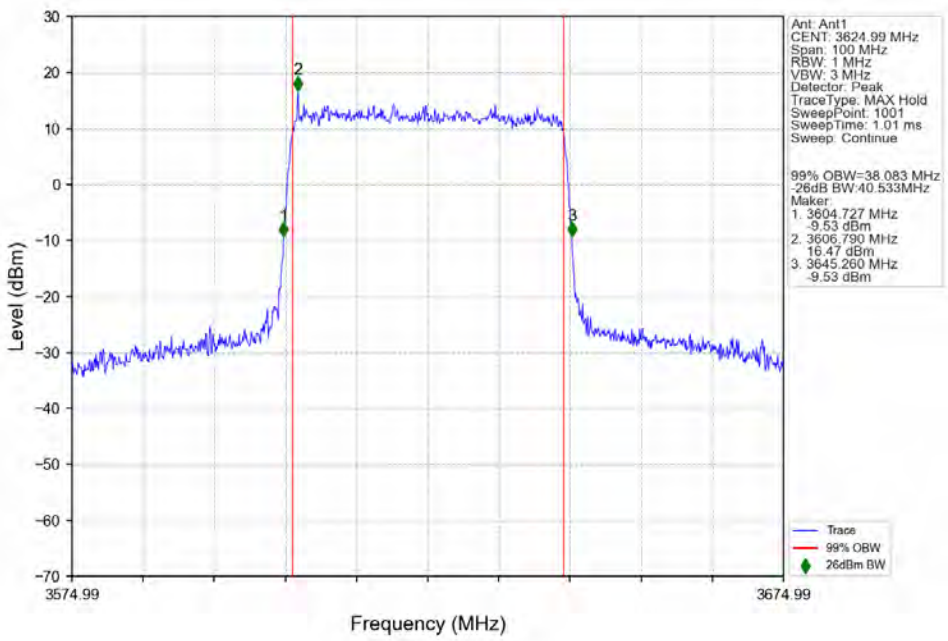
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3679.98MHz_Outer_Full_Ant1



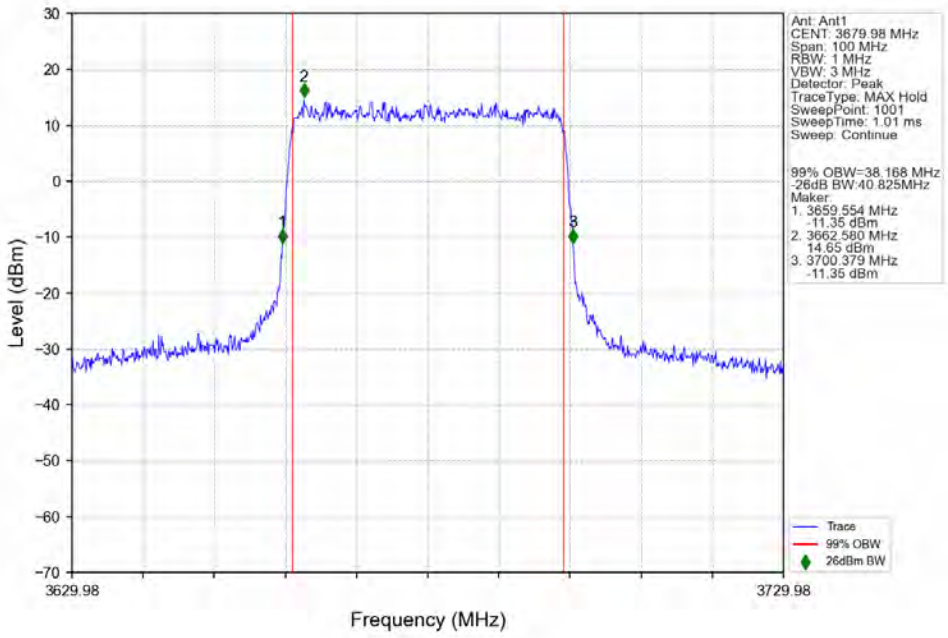
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Outer_Full_Ant1



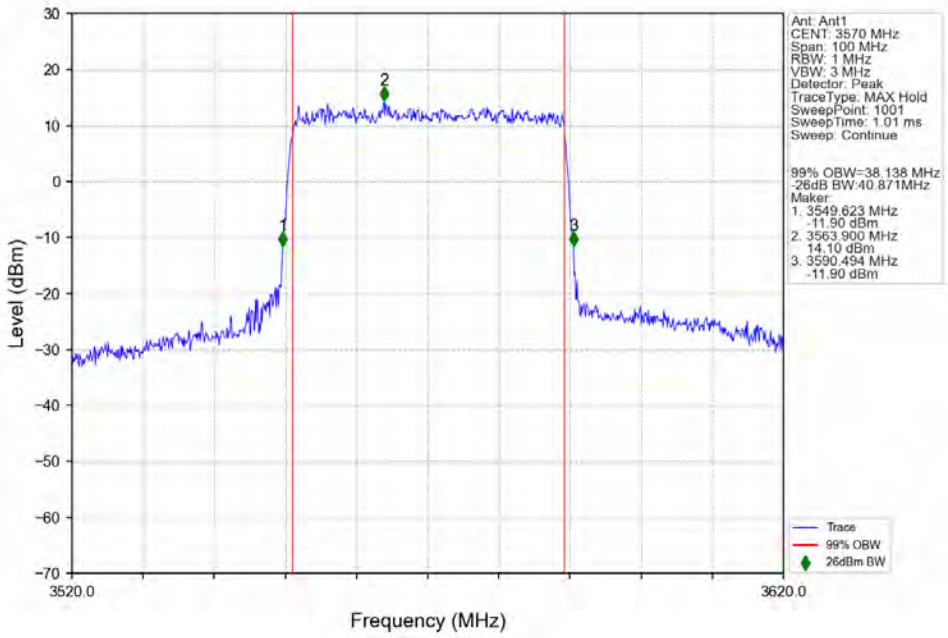
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



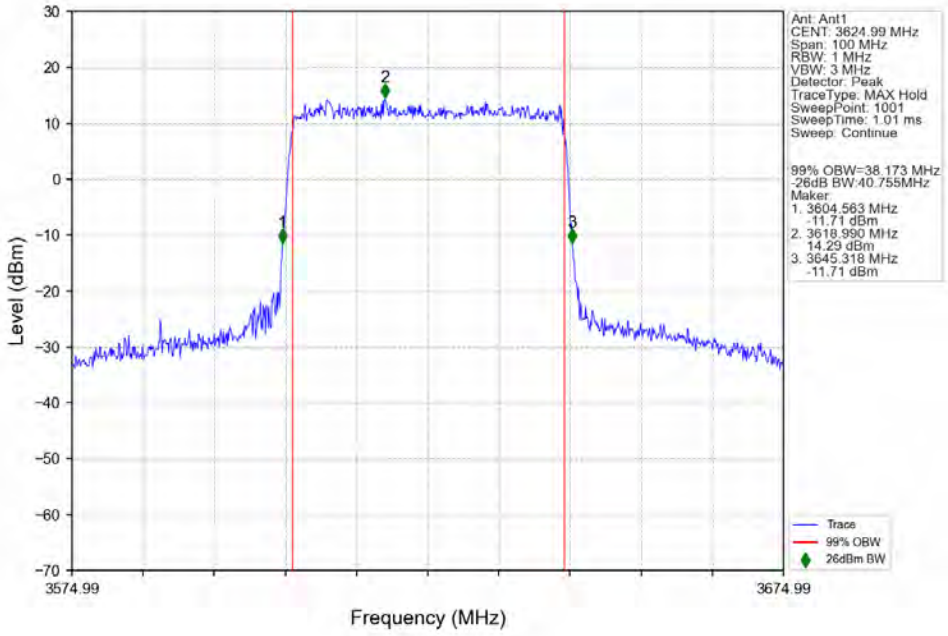
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Outer_Full_Ant1



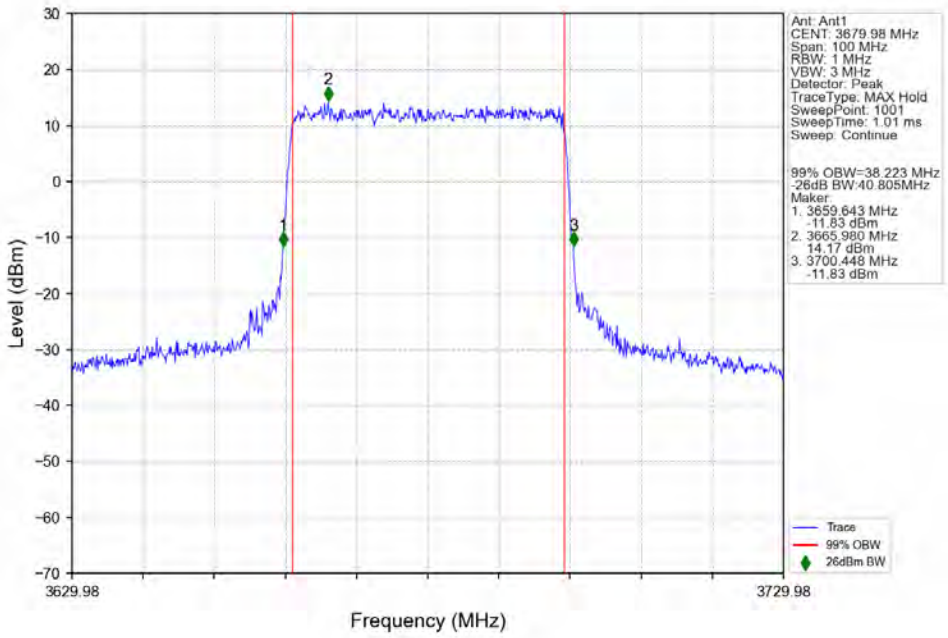
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3570MHz_Outer_Full_Ant1



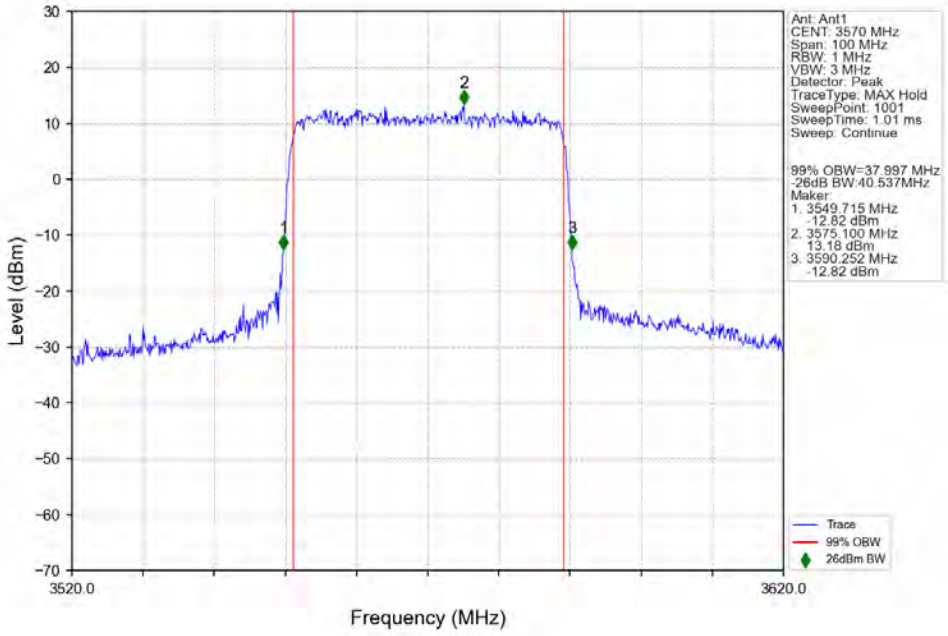
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



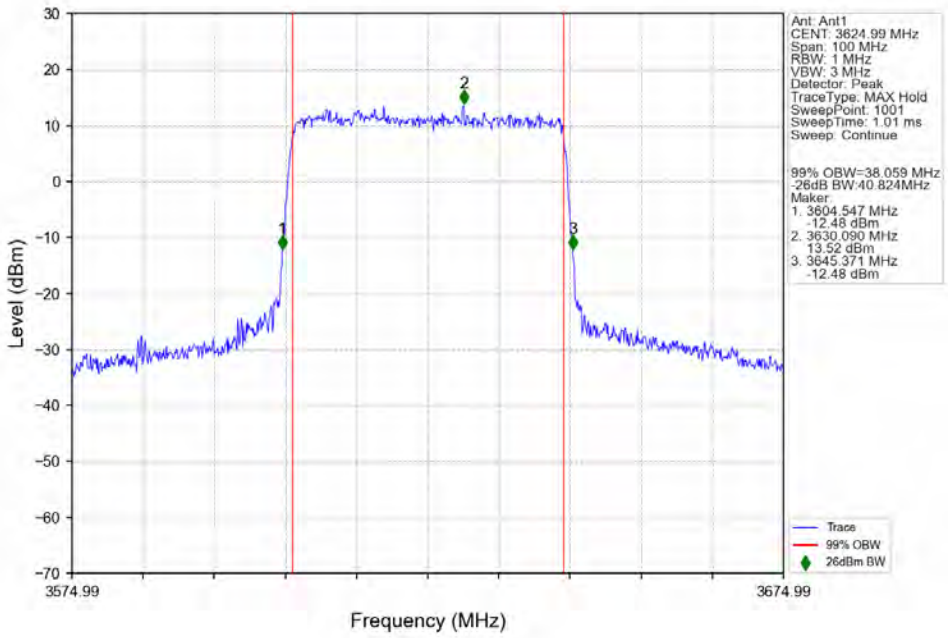
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3679.98MHz_Outer_Full_Ant1



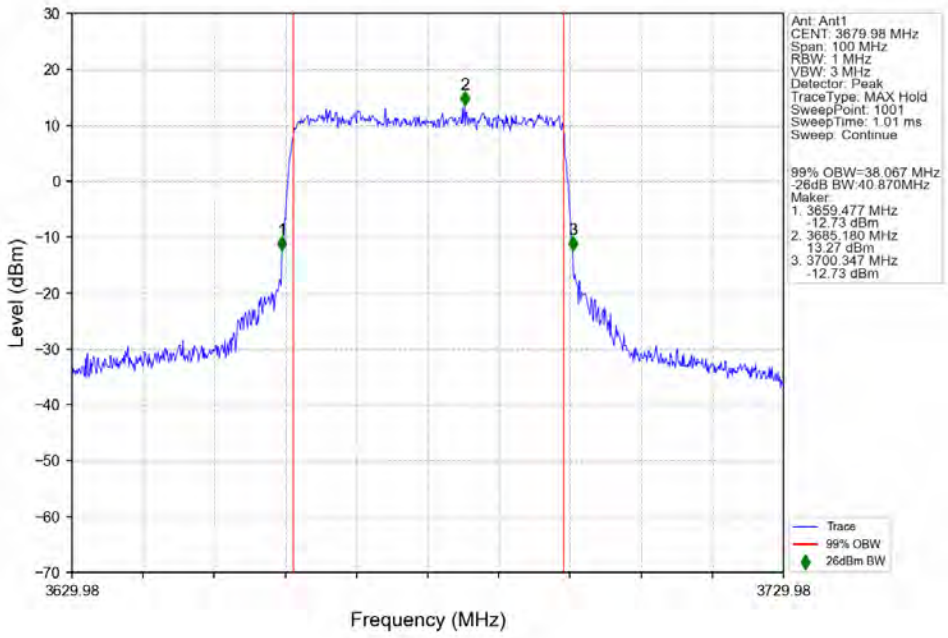
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Outer_Full_Ant1



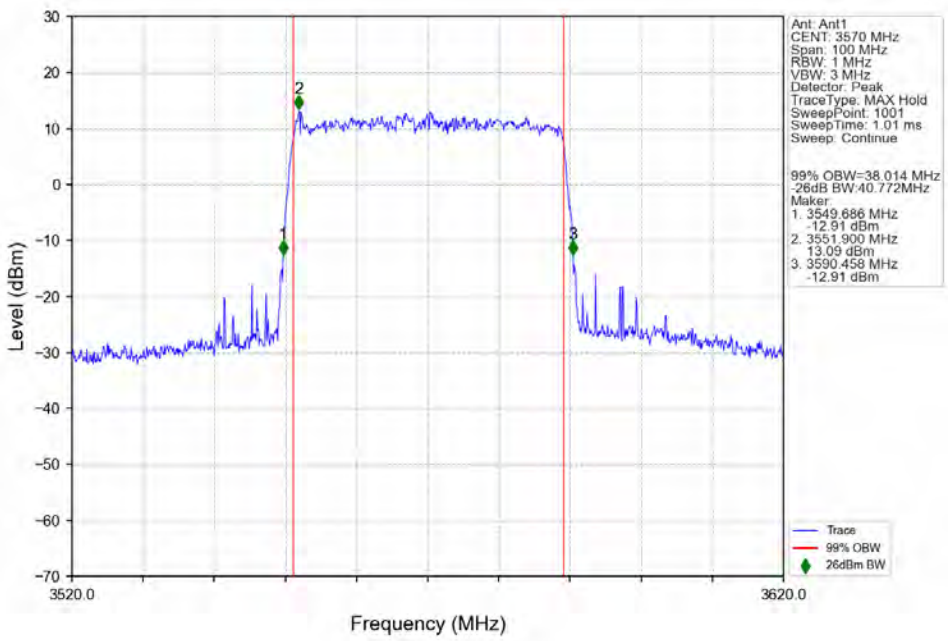
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



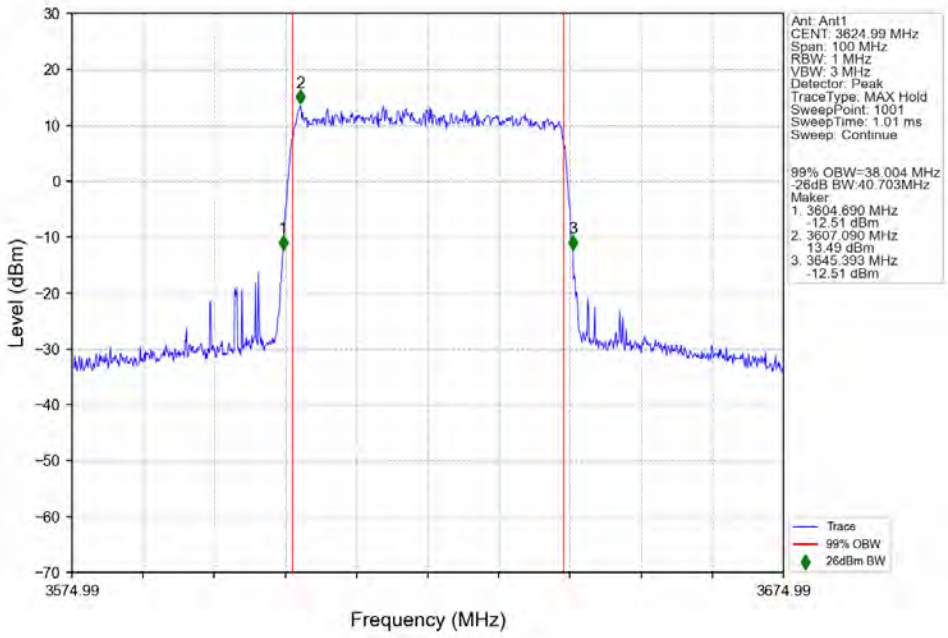
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full_Ant1



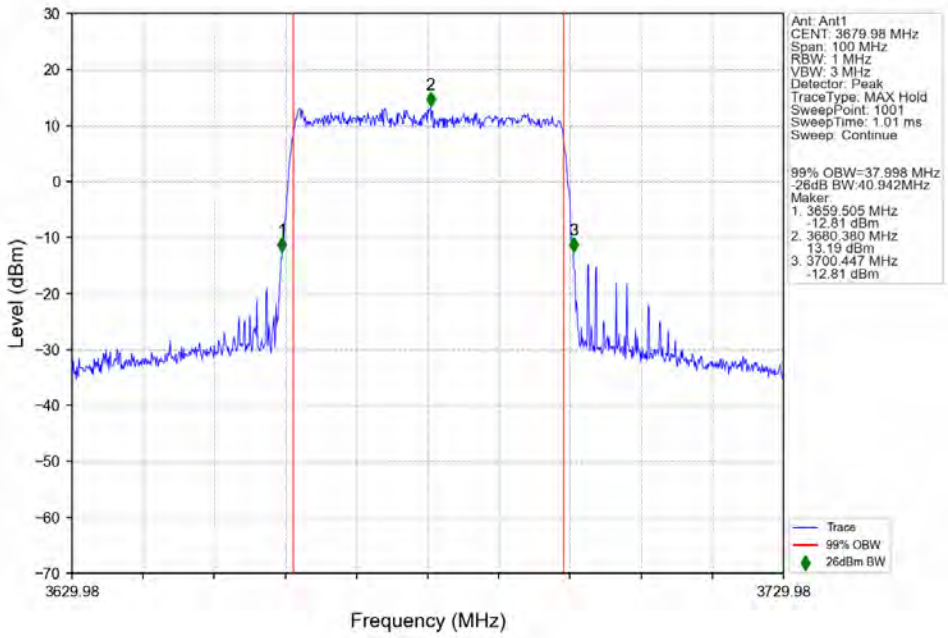
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



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 NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Outer_Full	4.50	/	/	<=13	Pass
	3624.99	Outer_Full	4.30	/	/	<=13	Pass
	3694.98	Outer_Full	4.36	/	/	<=13	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	4.90	/	/	<=13	Pass
	3624.99	Outer_Full	4.78	/	/	<=13	Pass
	3694.98	Outer_Full	5.02	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	6.10	/	/	<=13	Pass
	3624.99	Outer_Full	5.84	/	/	<=13	Pass
	3694.98	Outer_Full	6.14	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	6.42	/	/	<=13	Pass
	3624.99	Outer_Full	6.32	/	/	<=13	Pass
	3694.98	Outer_Full	6.52	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	7.16	/	/	<=13	Pass
	3624.99	Outer_Full	6.88	/	/	<=13	Pass
	3694.98	Outer_Full	7.30	/	/	<=13	Pass
CP-OFDM QPSK	3555	Outer_Full	7.38	/	/	<=13	Pass
	3624.99	Outer_Full	7.50	/	/	<=13	Pass
	3694.98	Outer_Full	7.92	/	/	<=13	Pass
CP-OFDM 16 QAM	3555	Outer_Full	7.24	/	/	<=13	Pass
	3624.99	Outer_Full	7.50	/	/	<=13	Pass
	3694.98	Outer_Full	7.80	/	/	<=13	Pass
CP-OFDM 64 QAM	3555	Outer_Full	7.70	/	/	<=13	Pass
	3624.99	Outer_Full	8.28	/	/	<=13	Pass
	3694.98	Outer_Full	7.58	/	/	<=13	Pass
CP-OFDM 256 QAM	3555	Outer_Full	8.42	/	/	<=13	Pass
	3624.99	Outer_Full	8.30	/	/	<=13	Pass
	3694.98	Outer_Full	8.42	/	/	<=13	Pass

5.1.2 30k_SISO_20MHz_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	4.68	/	/	<=13	Pass
	3624.99	Outer_Full	4.54	/	/	<=13	Pass
	3690	Outer_Full	4.64	/	/	<=13	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	5.56	/	/	<=13	Pass
	3624.99	Outer_Full	5.46	/	/	<=13	Pass
	3690	Outer_Full	4.96	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	6.58	/	/	<=13	Pass
	3624.99	Outer_Full	6.38	/	/	<=13	Pass
	3690	Outer_Full	5.78	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	6.82	/	/	<=13	Pass
	3624.99	Outer_Full	6.72	/	/	<=13	Pass
	3690	Outer_Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	7.08	/	/	<=13	Pass
	3624.99	Outer_Full	7.14	/	/	<=13	Pass

	3690	Outer_Full	6.94	/	/	<=13	Pass
CP-OFDM QPSK	3560.01	Outer_Full	7.26	/	/	<=13	Pass
	3624.99	Outer_Full	7.08	/	/	<=13	Pass
	3690	Outer_Full	7.58	/	/	<=13	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	8.58	/	/	<=13	Pass
	3624.99	Outer_Full	7.22	/	/	<=13	Pass
	3690	Outer_Full	7.60	/	/	<=13	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	7.70	/	/	<=13	Pass
	3624.99	Outer_Full	8.00	/	/	<=13	Pass
	3690	Outer_Full	8.34	/	/	<=13	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	8.88	/	/	<=13	Pass
	3624.99	Outer_Full	8.66	/	/	<=13	Pass
	3690	Outer_Full	8.72	/	/	<=13	Pass

5.1.3 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Outer_Full	4.34	/	/	<=13	Pass
	3624.99	Outer_Full	4.24	/	/	<=13	Pass
	3684.99	Outer_Full	4.72	/	/	<=13	Pass
DFT-s-OFDM QPSK	3565.02	Outer_Full	5.24	/	/	<=13	Pass
	3624.99	Outer_Full	4.78	/	/	<=13	Pass
	3684.99	Outer_Full	5.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer_Full	6.14	/	/	<=13	Pass
	3624.99	Outer_Full	5.94	/	/	<=13	Pass
	3684.99	Outer_Full	6.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer_Full	6.64	/	/	<=13	Pass
	3624.99	Outer_Full	6.48	/	/	<=13	Pass
	3684.99	Outer_Full	6.88	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer_Full	7.08	/	/	<=13	Pass
	3624.99	Outer_Full	7.12	/	/	<=13	Pass
	3684.99	Outer_Full	6.98	/	/	<=13	Pass
CP-OFDM QPSK	3565.02	Outer_Full	7.26	/	/	<=13	Pass
	3624.99	Outer_Full	7.42	/	/	<=13	Pass
	3684.99	Outer_Full	7.12	/	/	<=13	Pass
CP-OFDM 16 QAM	3565.02	Outer_Full	7.54	/	/	<=13	Pass
	3624.99	Outer_Full	7.70	/	/	<=13	Pass
	3684.99	Outer_Full	7.34	/	/	<=13	Pass
CP-OFDM 64 QAM	3565.02	Outer_Full	8.42	/	/	<=13	Pass
	3624.99	Outer_Full	8.52	/	/	<=13	Pass
	3684.99	Outer_Full	7.98	/	/	<=13	Pass
CP-OFDM 256 QAM	3565.02	Outer_Full	8.76	/	/	<=13	Pass
	3624.99	Outer_Full	8.74	/	/	<=13	Pass
	3684.99	Outer_Full	8.88	/	/	<=13	Pass

5.1.4 30k_SISO_40MHz_NTNV

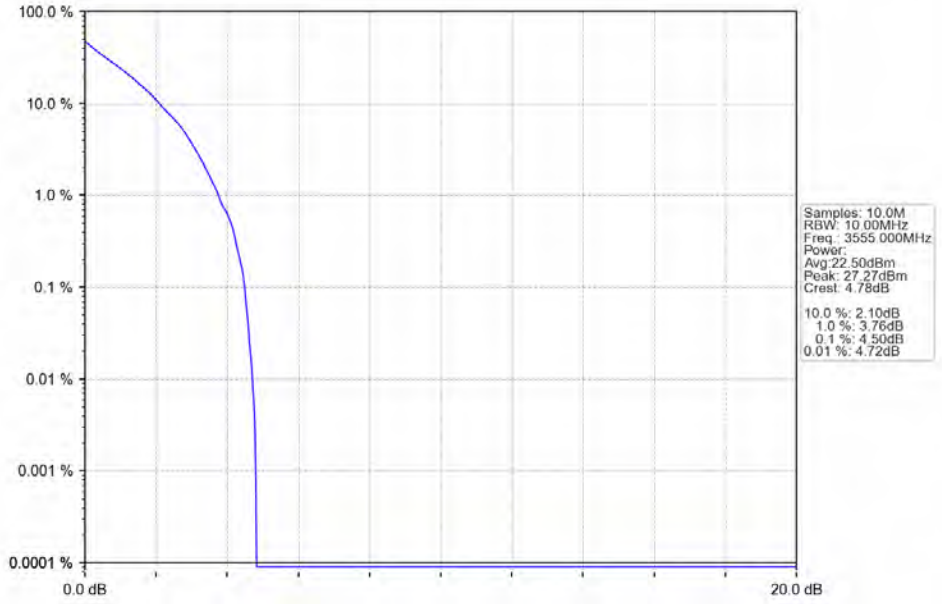
5G NR n48 SCS=30kHz SISO 40MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	4.40	/	/	<=13	Pass
	3624.99	Outer_Full	4.28	/	/	<=13	Pass
	3679.98	Outer_Full	4.68	/	/	<=13	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	5.18	/	/	<=13	Pass
	3624.99	Outer_Full	5.02	/	/	<=13	Pass
	3679.98	Outer_Full	5.66	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	6.20	/	/	<=13	Pass
	3624.99	Outer_Full	6.00	/	/	<=13	Pass

	3679.98	Outer_Full	6.68	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	6.60	/	/	<=13	Pass
	3624.99	Outer_Full	6.50	/	/	<=13	Pass
	3679.98	Outer_Full	6.86	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	6.86	/	/	<=13	Pass
	3624.99	Outer_Full	6.74	/	/	<=13	Pass
	3679.98	Outer_Full	6.78	/	/	<=13	Pass
CP-OFDM QPSK	3570	Outer_Full	7.10	/	/	<=13	Pass
	3624.99	Outer_Full	7.52	/	/	<=13	Pass
	3679.98	Outer_Full	7.00	/	/	<=13	Pass
CP-OFDM 16 QAM	3570	Outer_Full	7.46	/	/	<=13	Pass
	3624.99	Outer_Full	7.64	/	/	<=13	Pass
	3679.98	Outer_Full	6.92	/	/	<=13	Pass
CP-OFDM 64 QAM	3570	Outer_Full	8.24	/	/	<=13	Pass
	3624.99	Outer_Full	8.56	/	/	<=13	Pass
	3679.98	Outer_Full	7.90	/	/	<=13	Pass
CP-OFDM 256 QAM	3570	Outer_Full	8.80	/	/	<=13	Pass
	3624.99	Outer_Full	8.74	/	/	<=13	Pass
	3679.98	Outer_Full	8.72	/	/	<=13	Pass

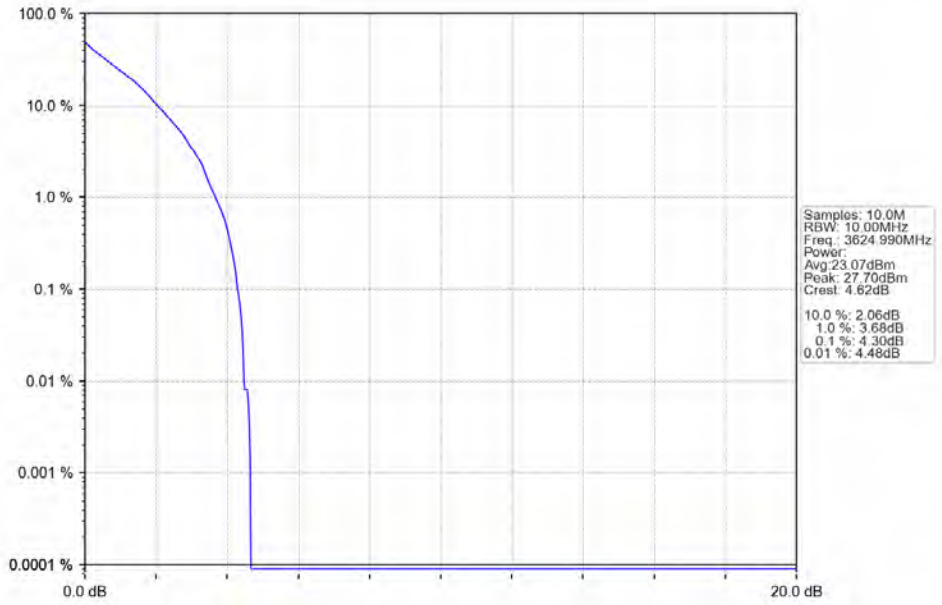
5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

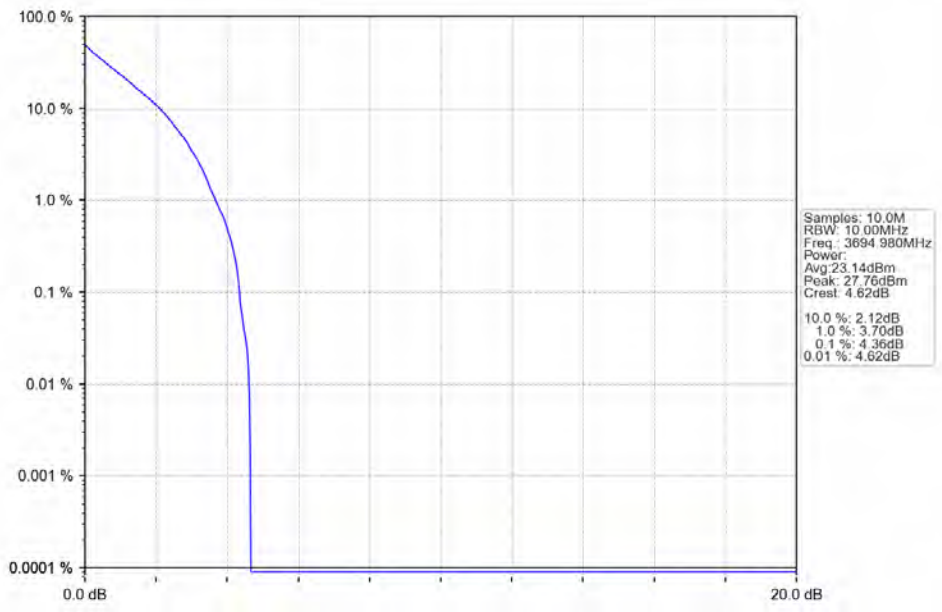
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Outer_Full_Ant1



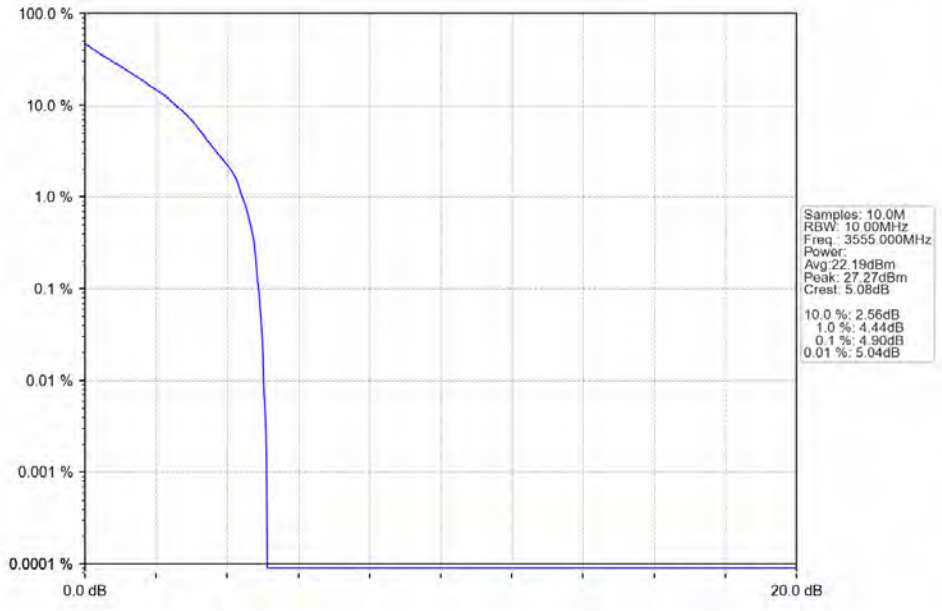
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



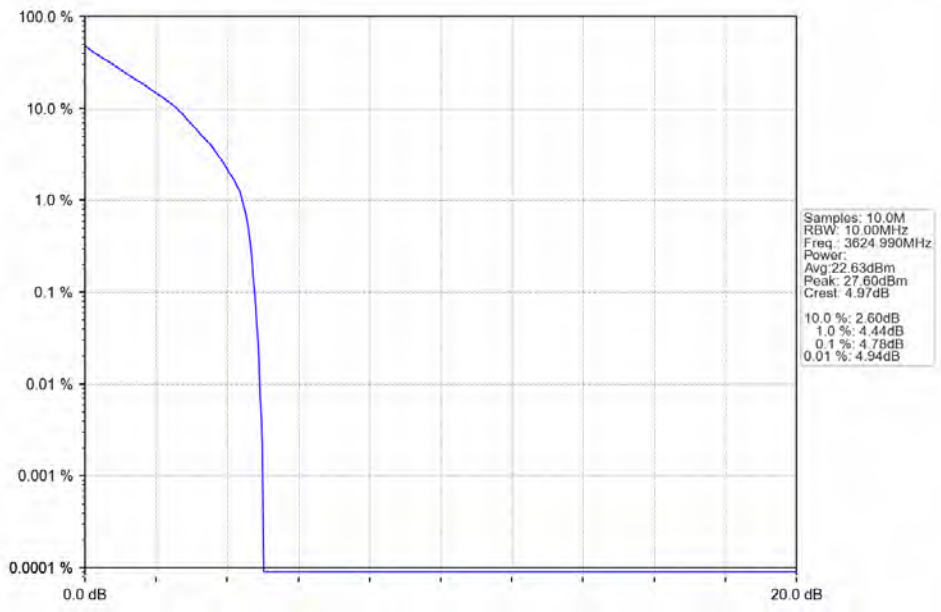
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Outer_Full_Ant1



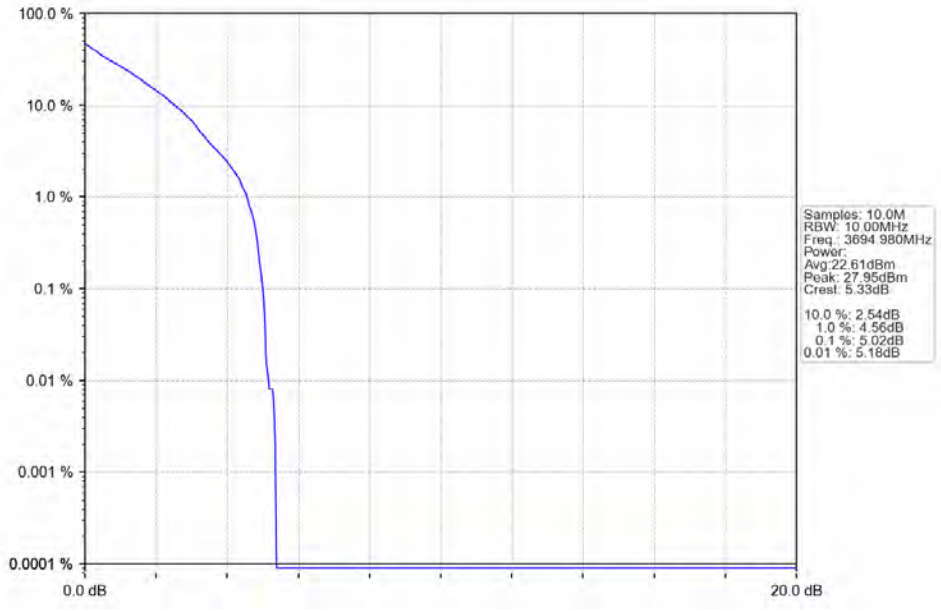
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Outer_Full_Ant1



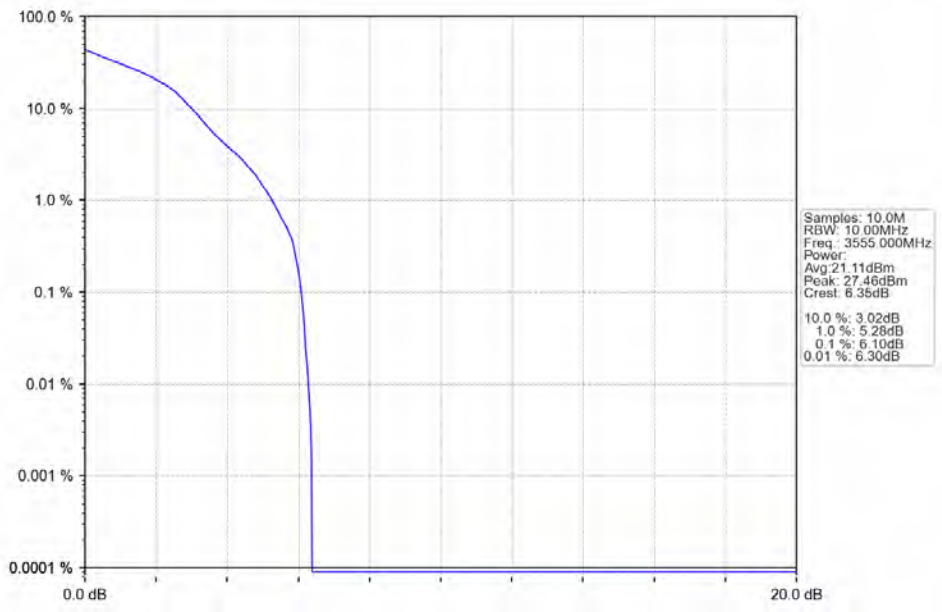
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



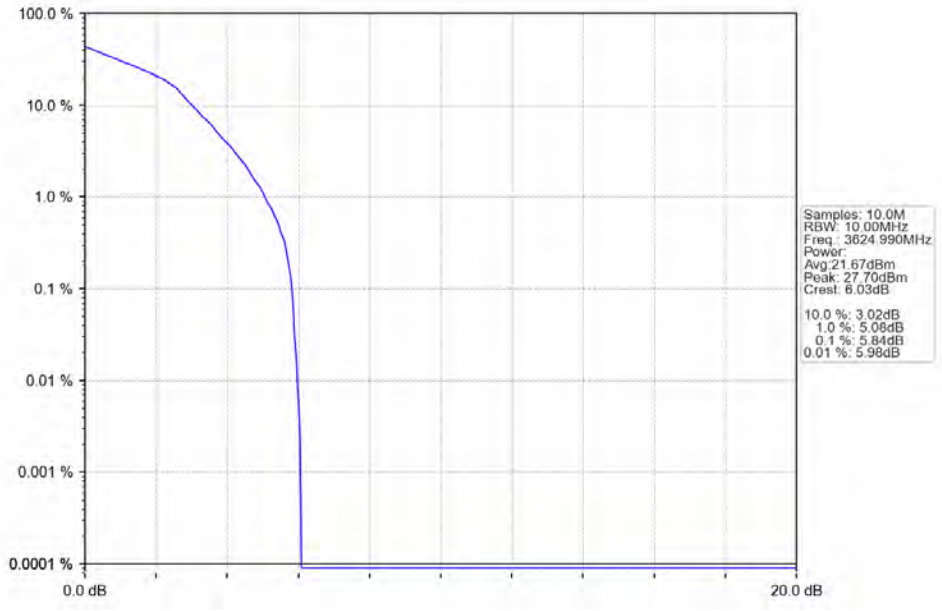
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Outer_Full_Ant1



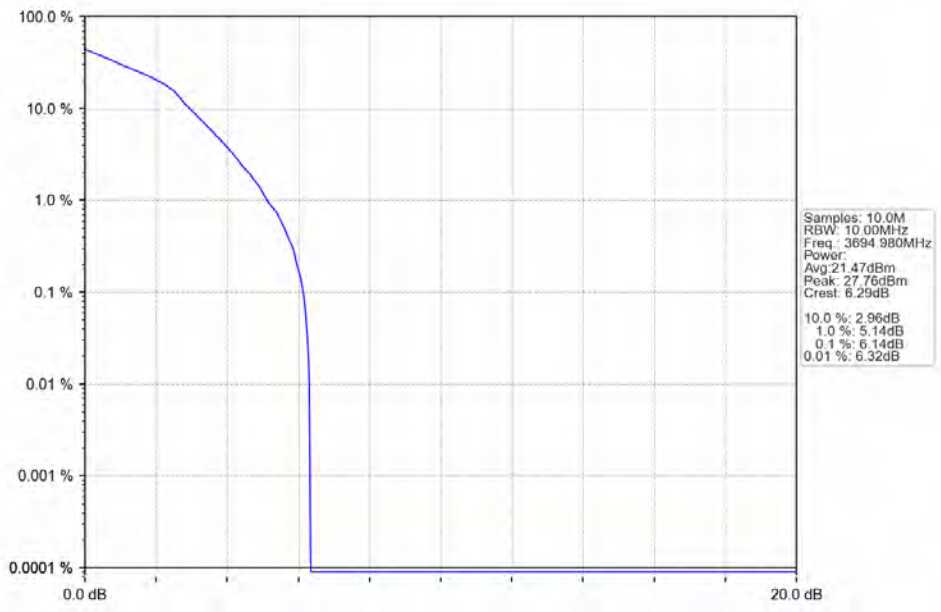
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3555MHz_Outer_Full_Ant1



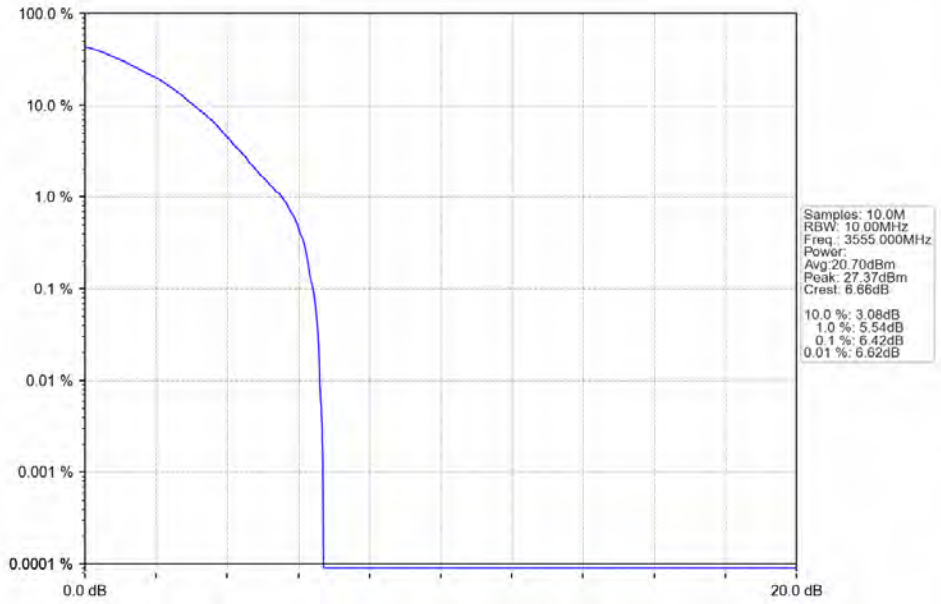
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



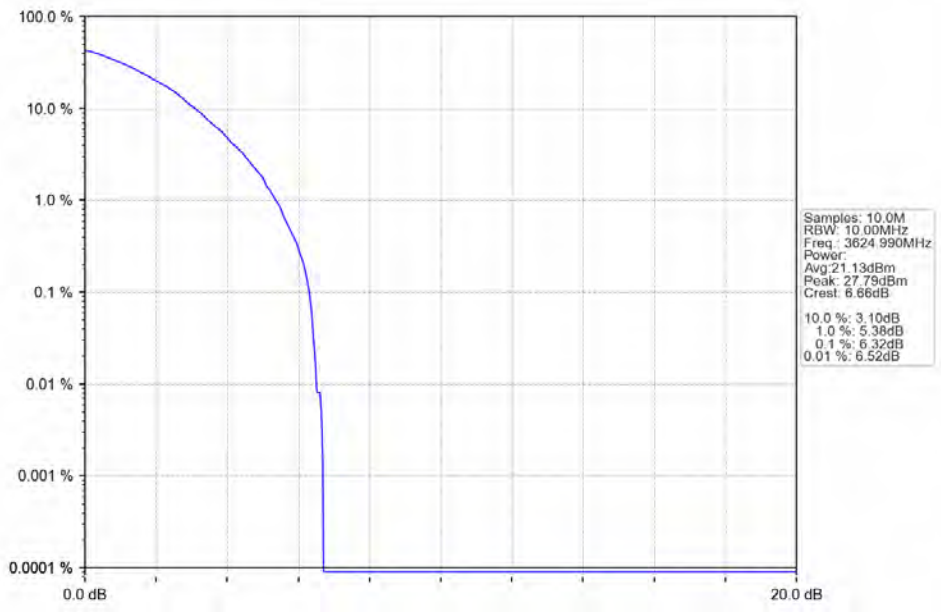
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3694.98MHz_Outer_Full_Ant1



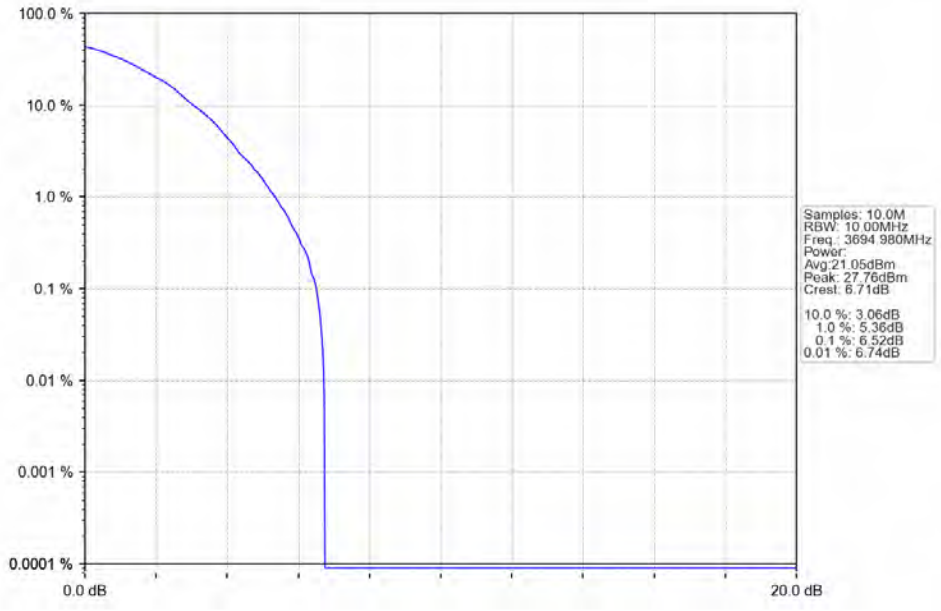
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3555MHz_Outer_Full_Ant1



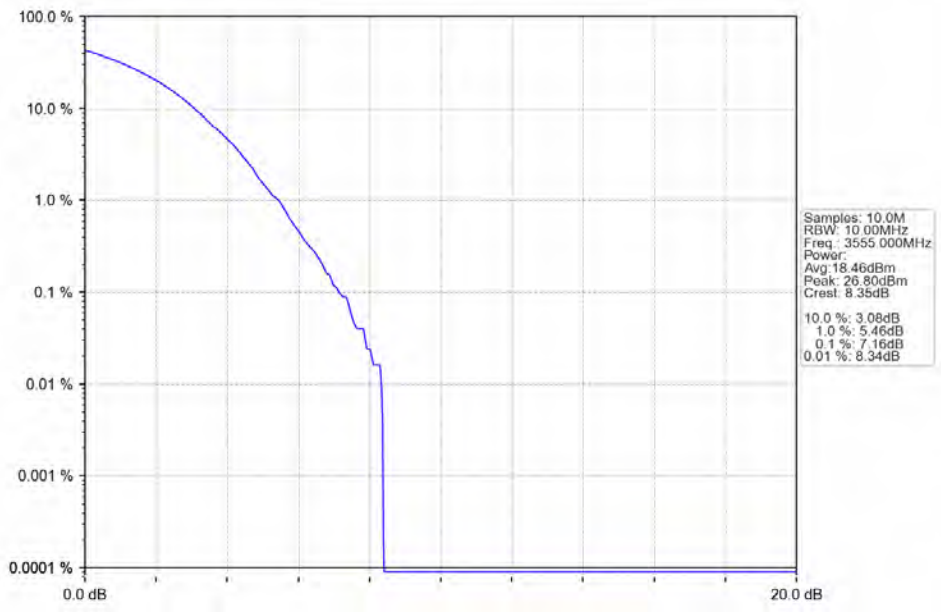
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



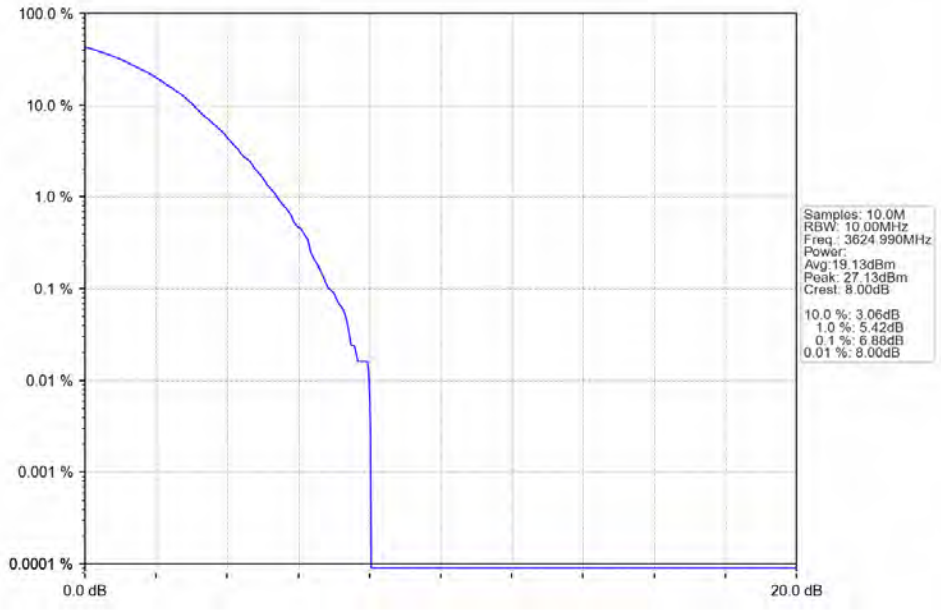
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3694.98MHz_Outer_Full_Ant1



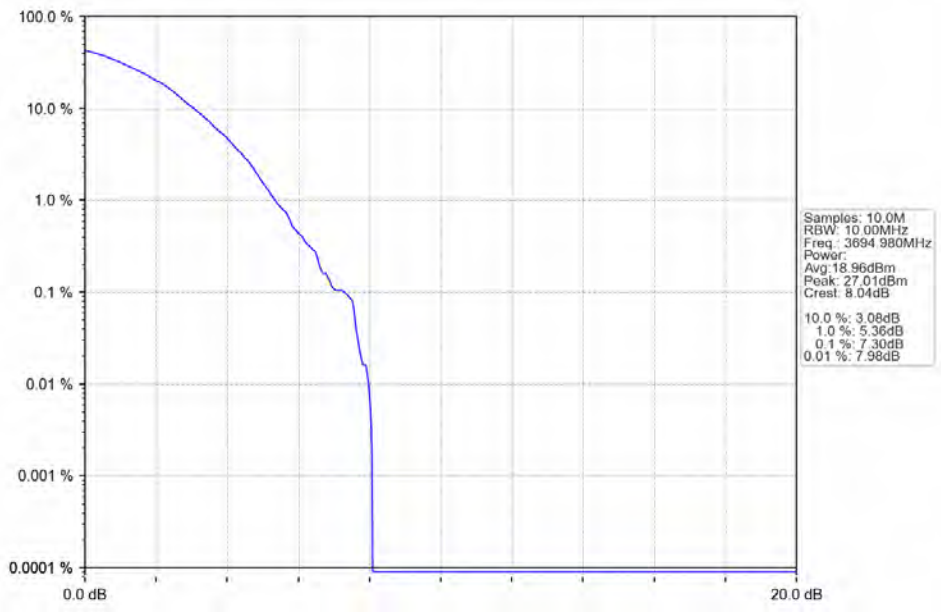
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3555MHz_Outer_Full_Ant1



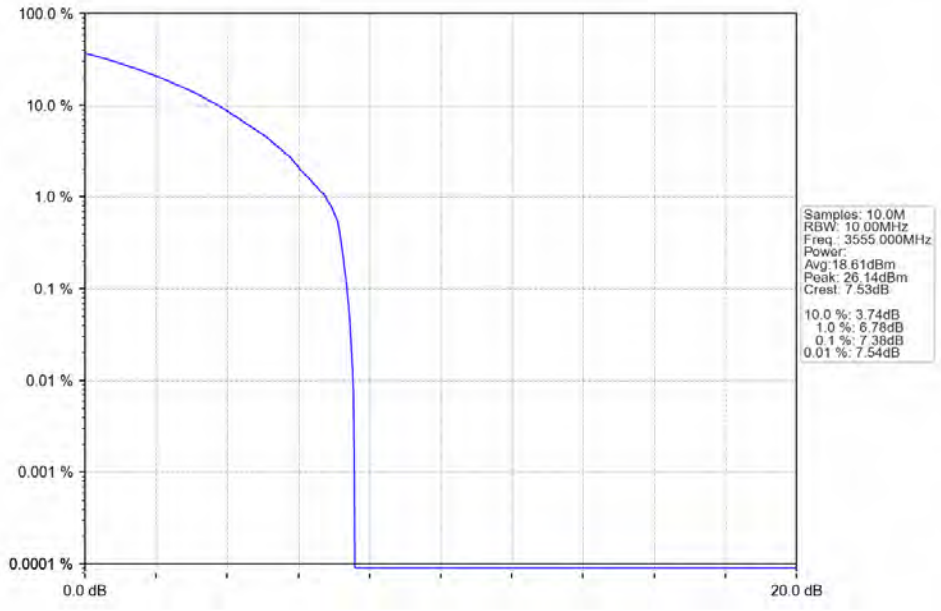
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



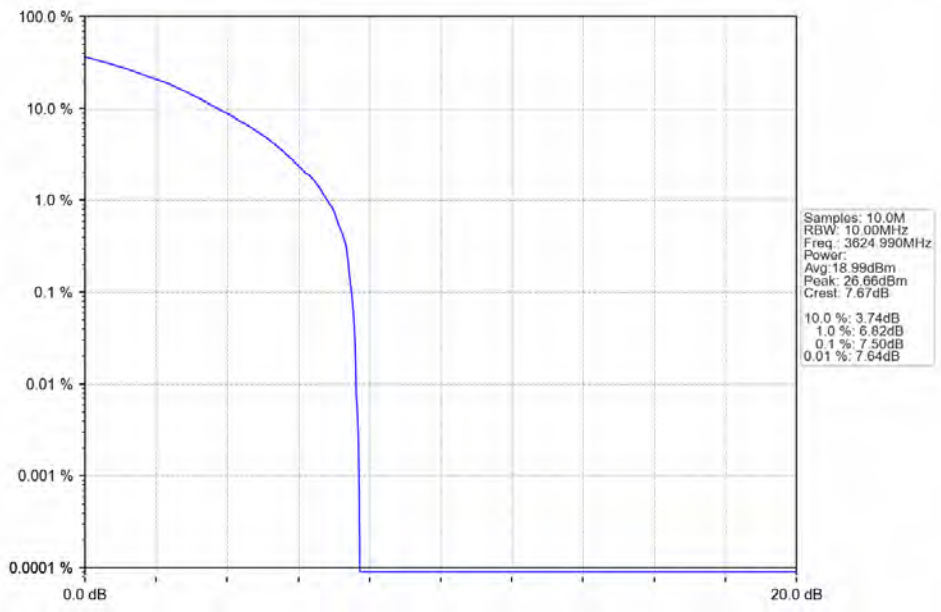
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3694.98MHz_Outer_Full_Ant1



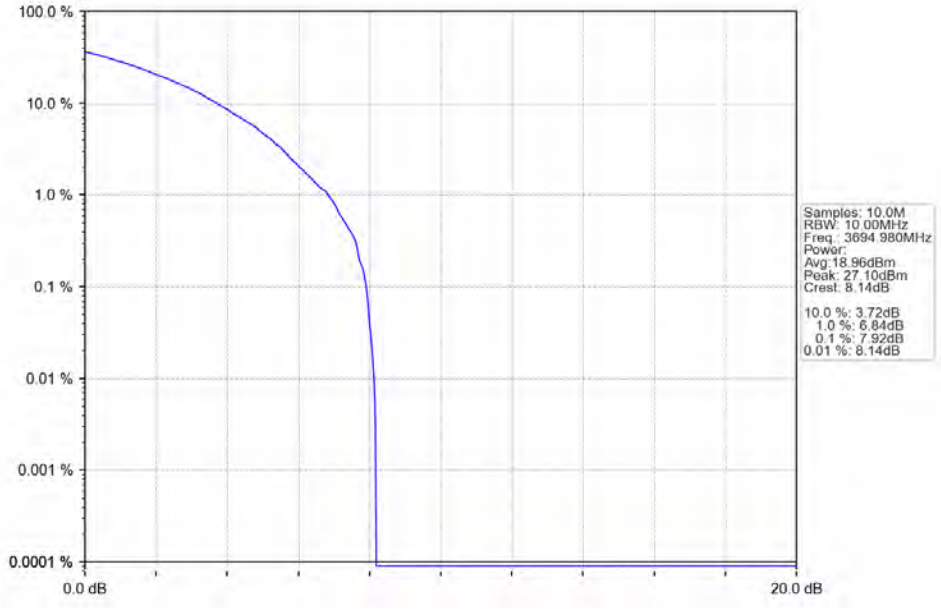
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full_Ant1



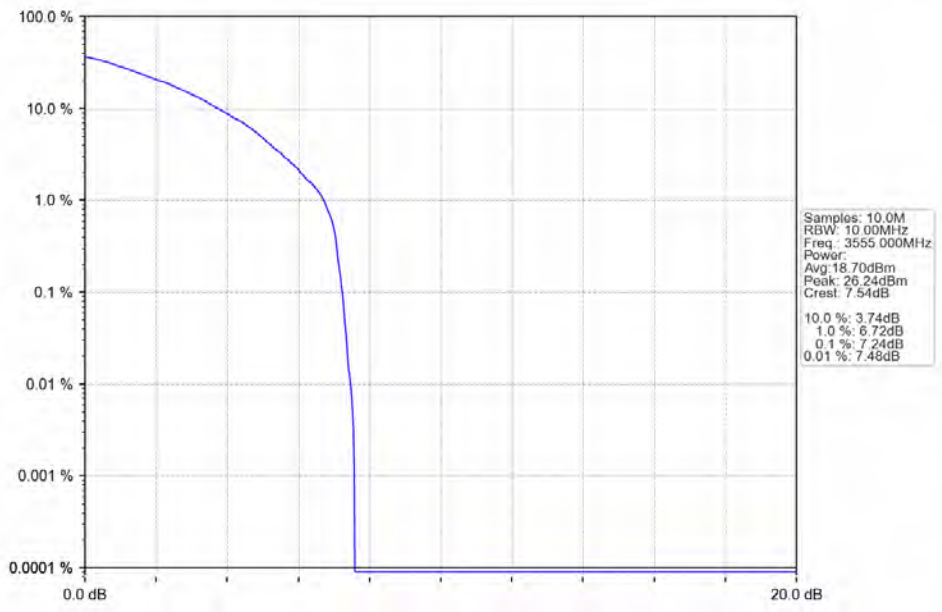
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



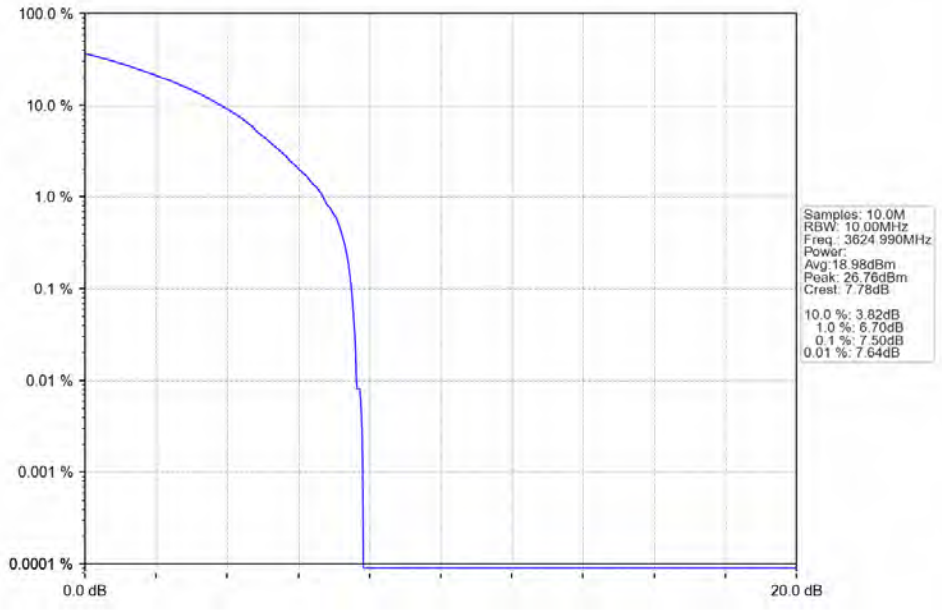
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Outer_Full_Ant1



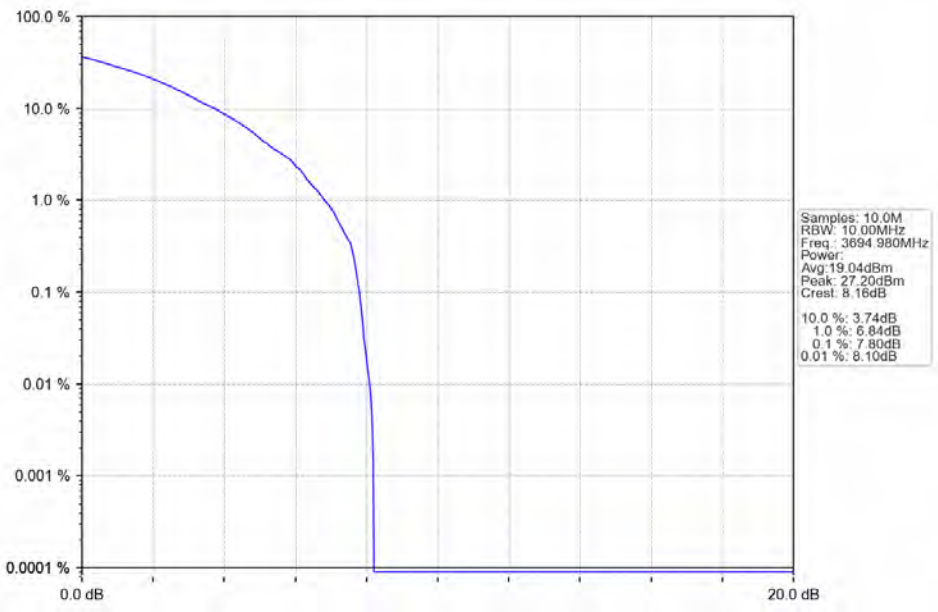
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3555MHz_Outer_Full_Ant1



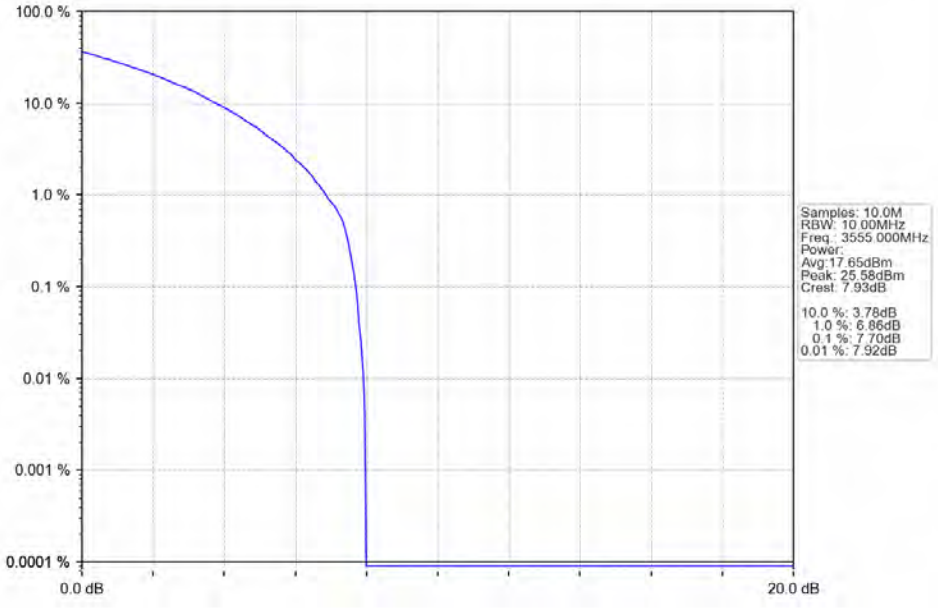
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



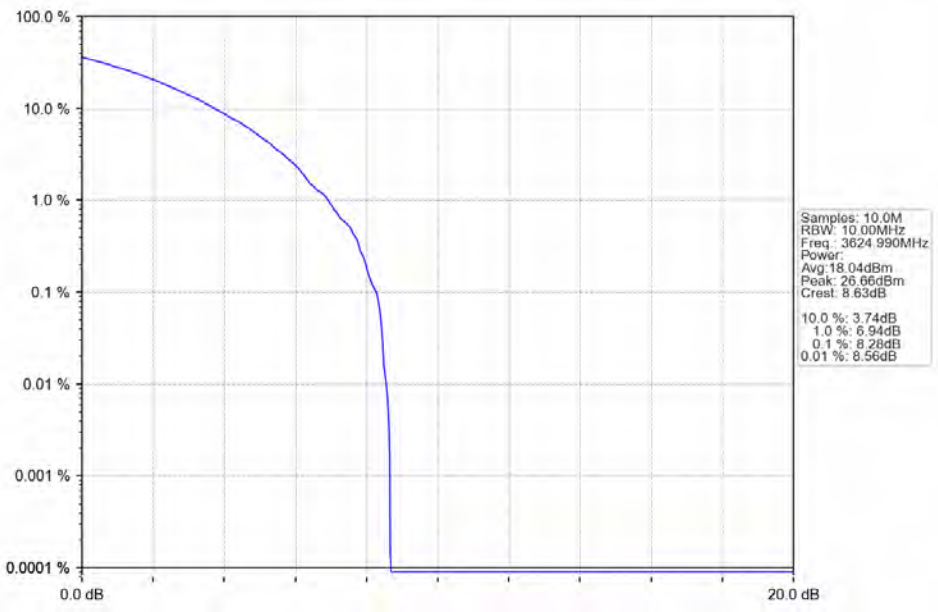
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3694.98MHz_Outer_Full_Ant1



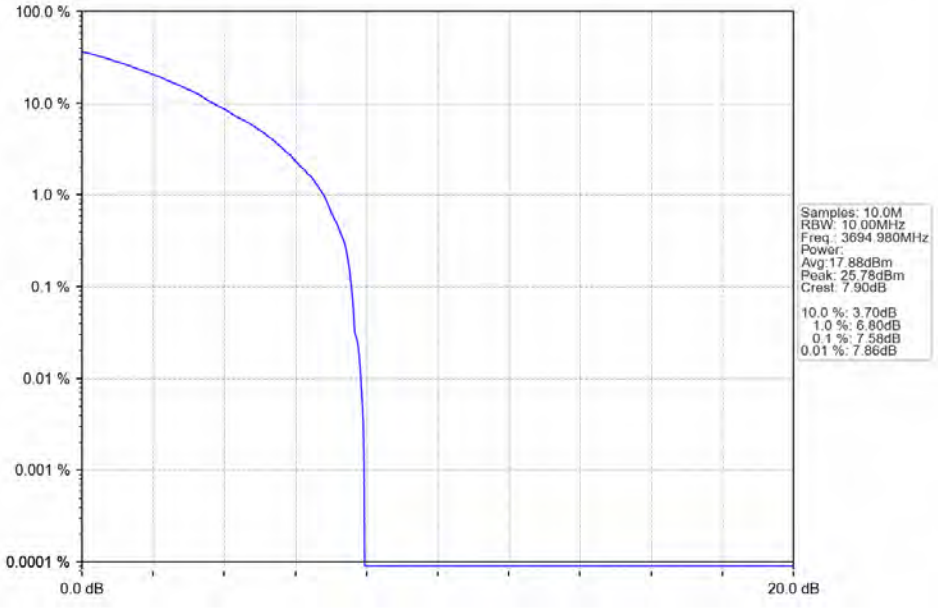
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3555MHz_Outer_Full_Ant1



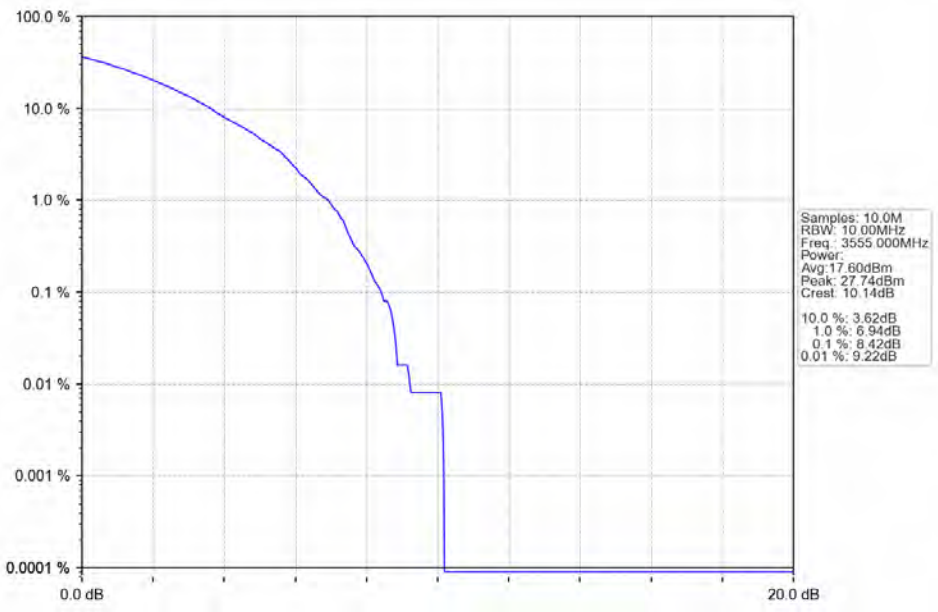
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



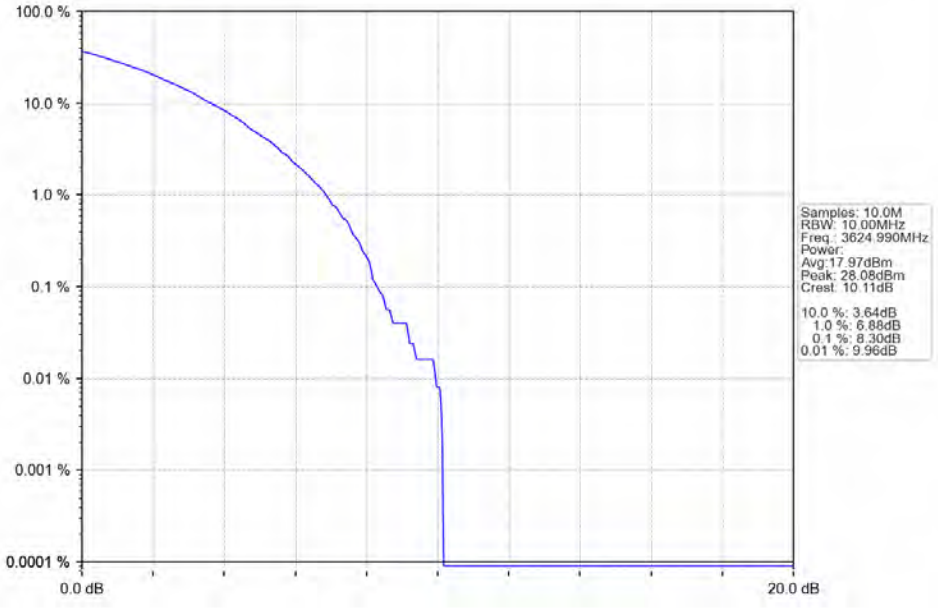
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3694.98MHz_Outer_Full_Ant1



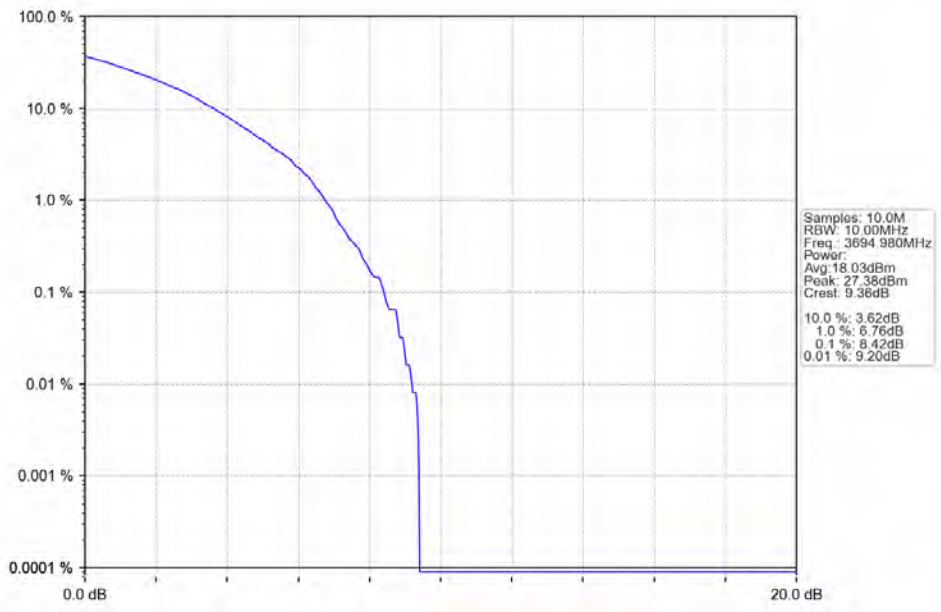
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3555MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1

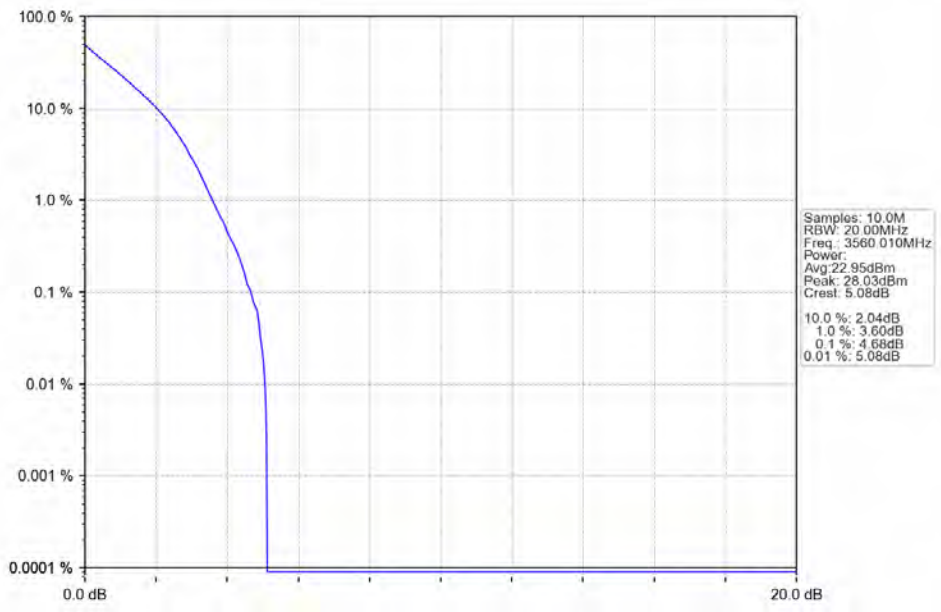


n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3694.98MHz_Outer_Full_Ant1

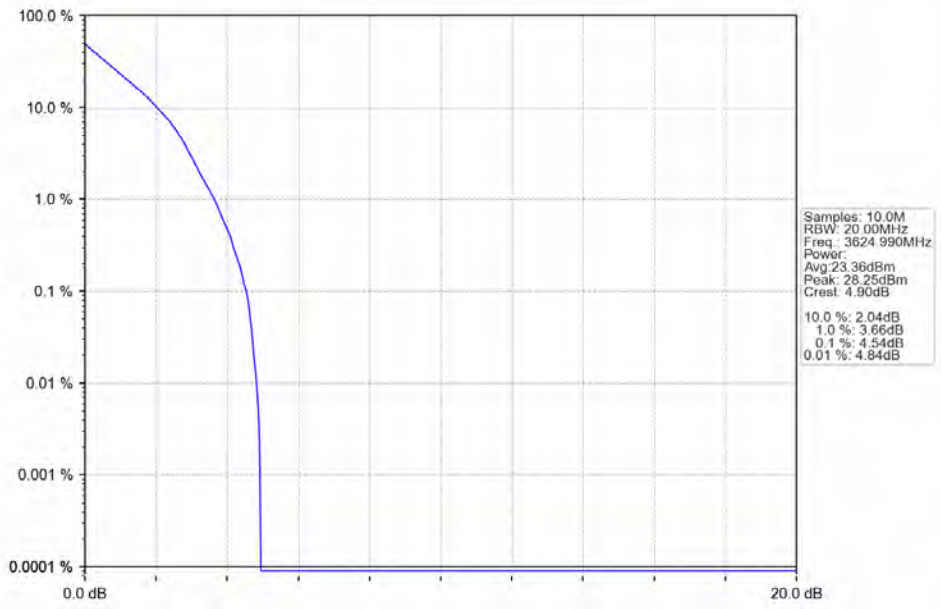


5.2.2 30k_SISO_20MHz_NTNV

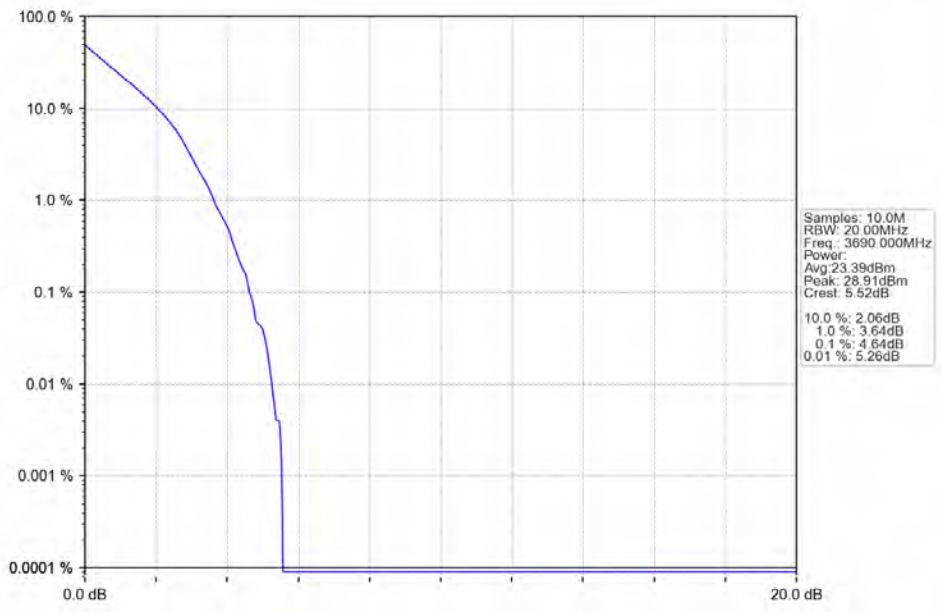
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Outer_Full_Ant1



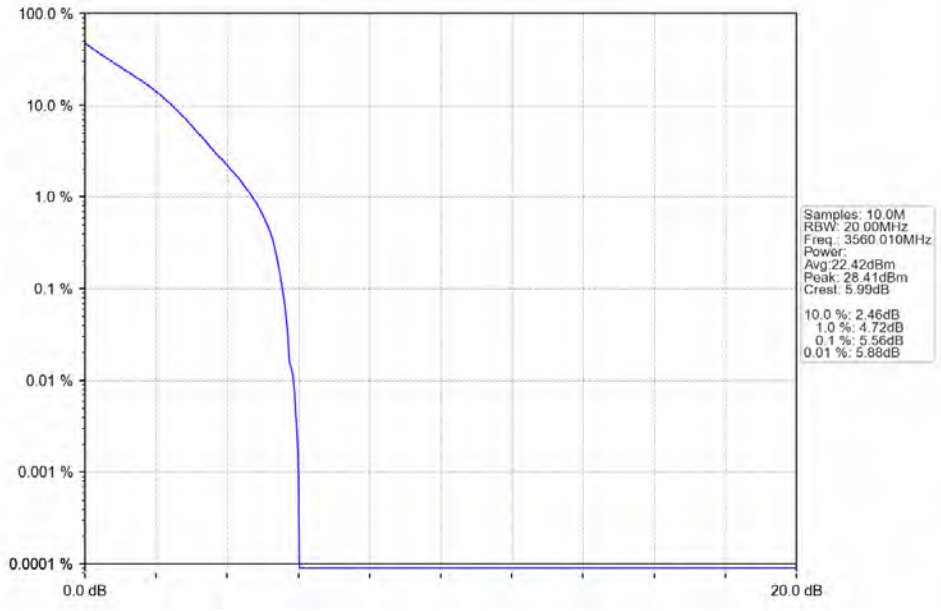
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



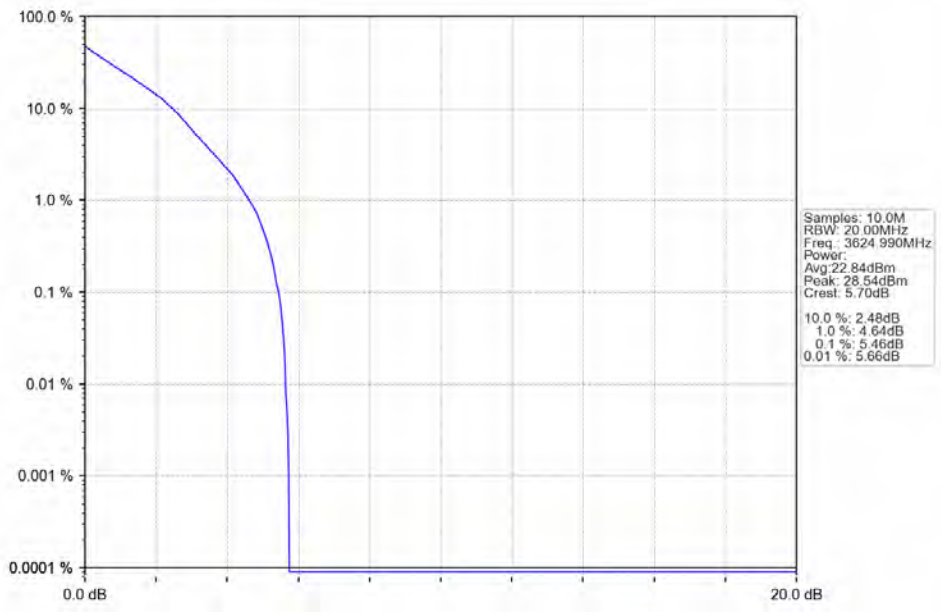
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full_Ant1



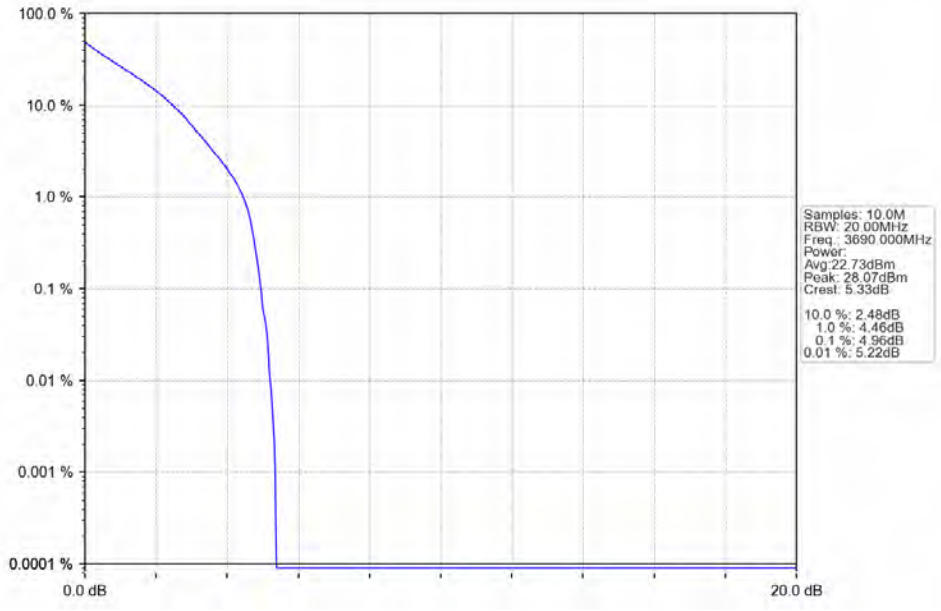
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full_Ant1



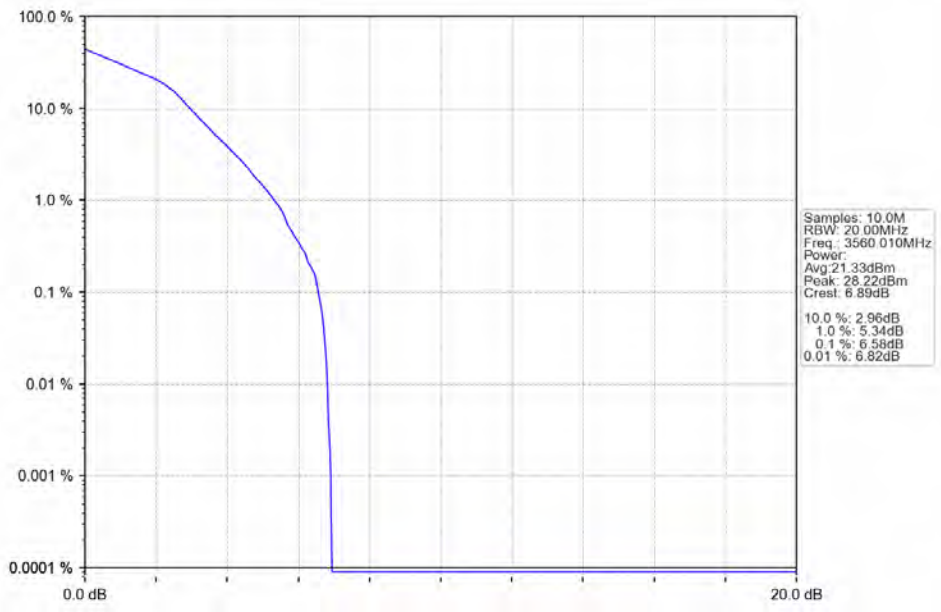
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



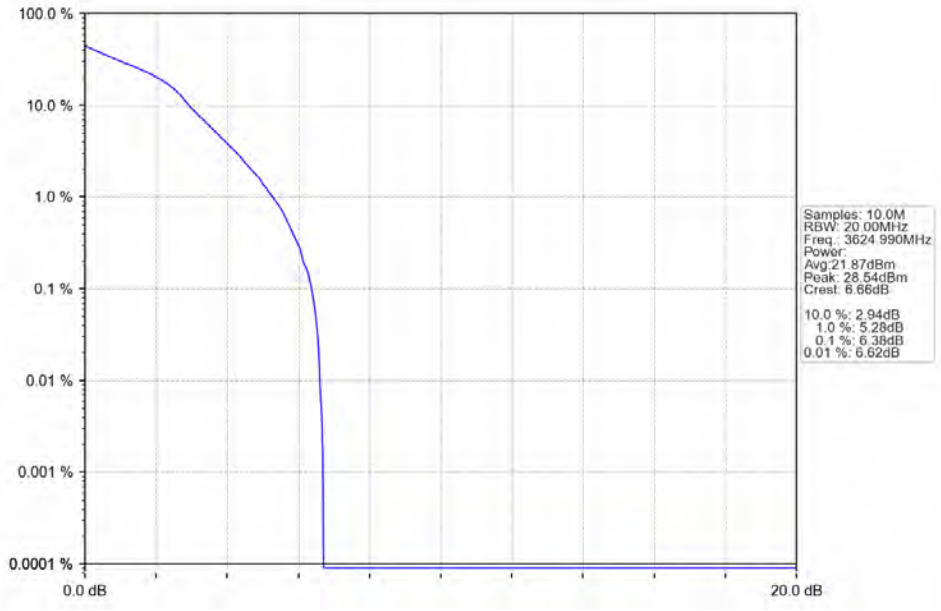
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Outer_Full_Ant1



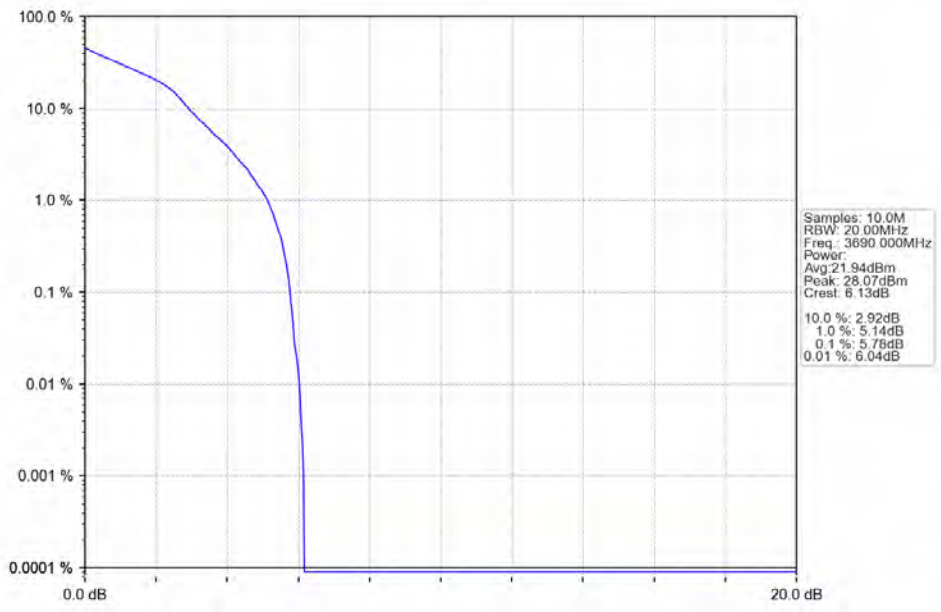
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3560.01MHz_Outer_Full_Ant1



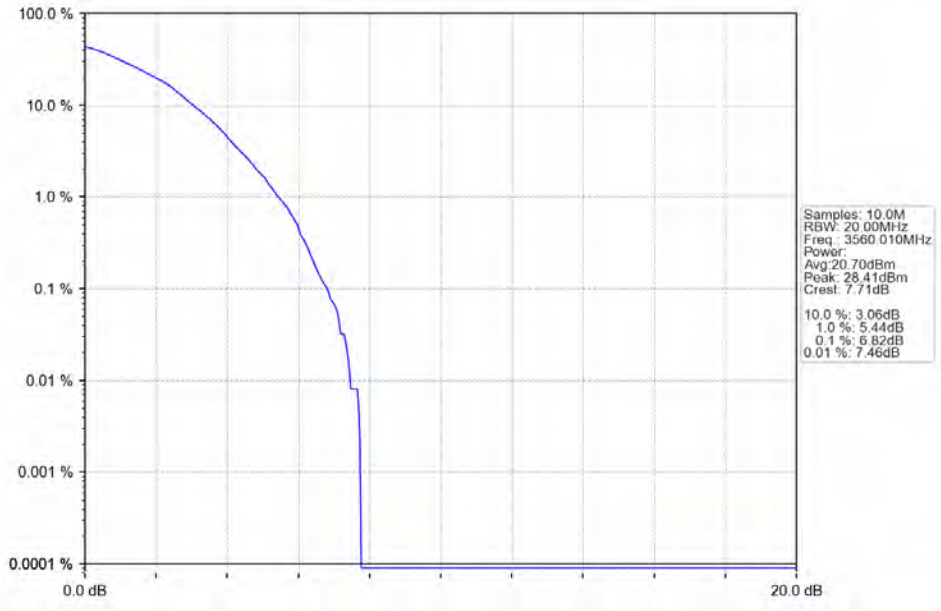
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



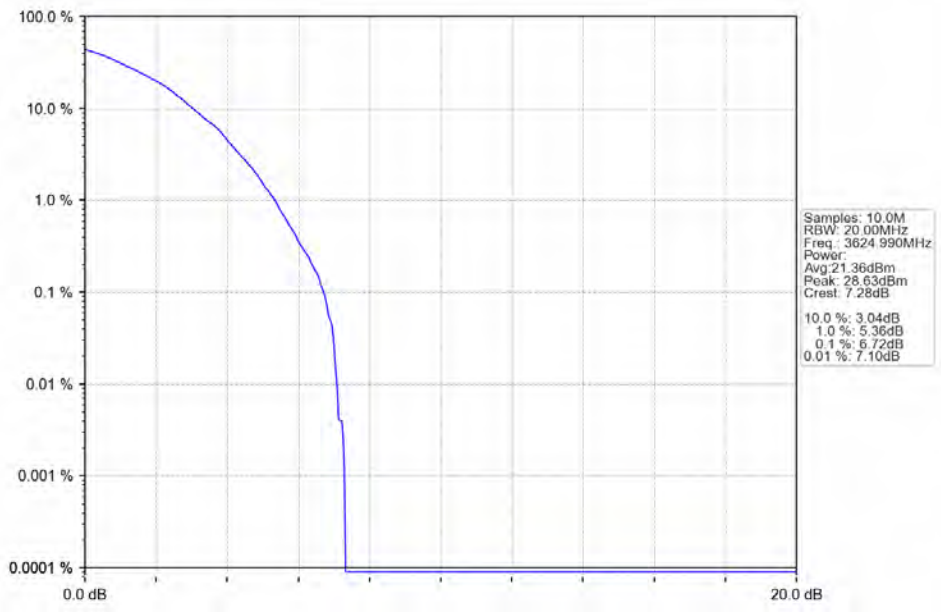
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3690MHz_Outer_Full_Ant1



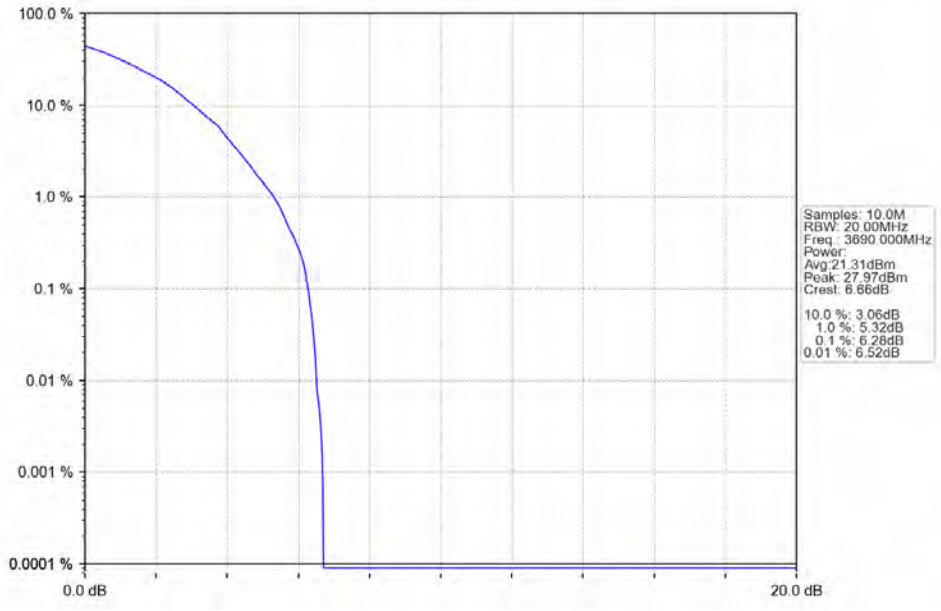
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3560.01MHz_Outer_Full_Ant1



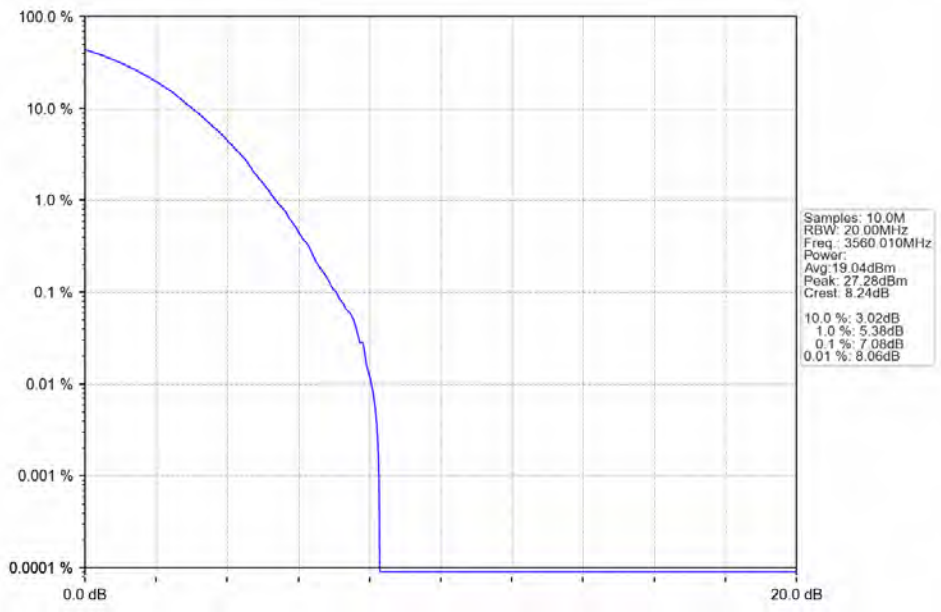
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



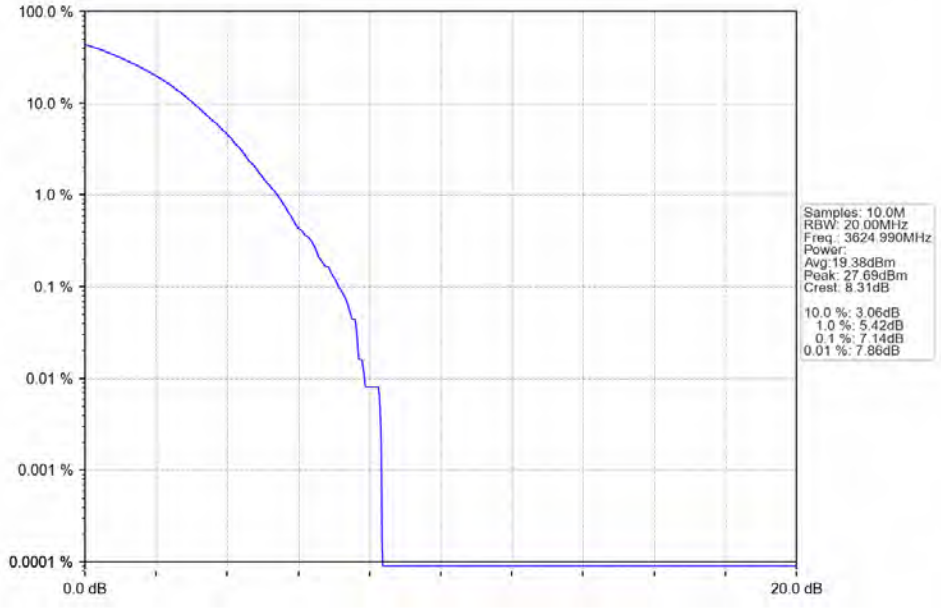
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3690MHz_Outer_Full_Ant1



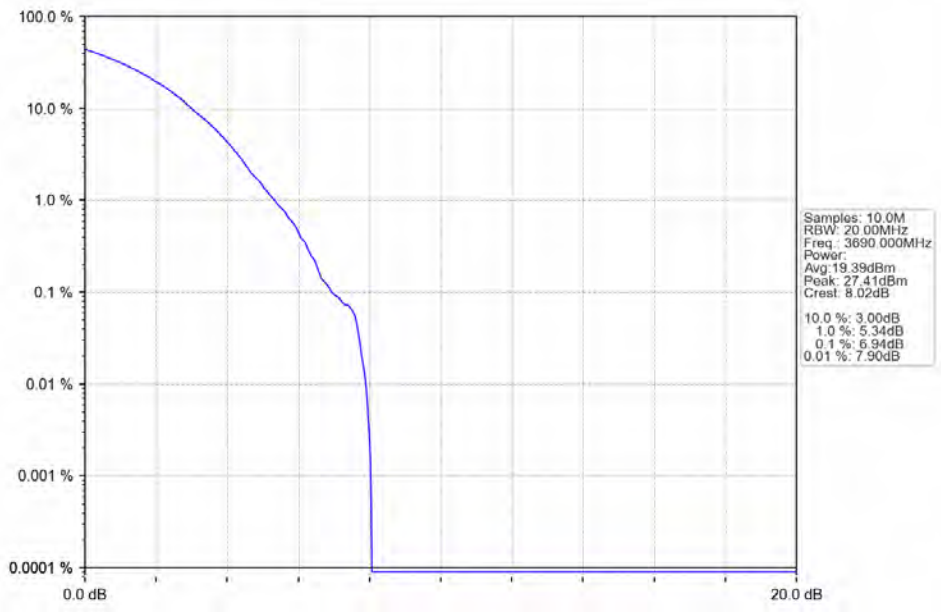
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3560.01MHz_Outer_Full_Ant1



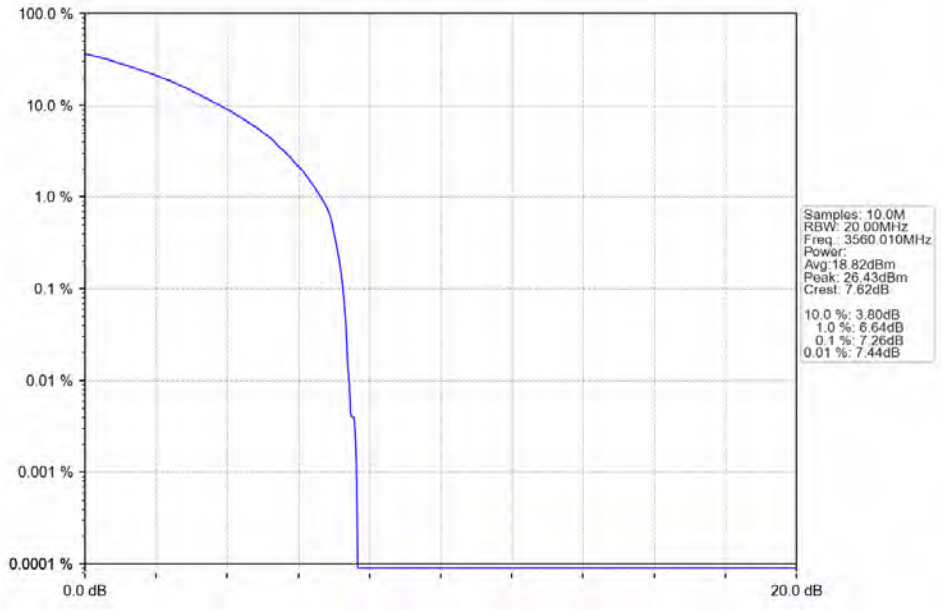
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



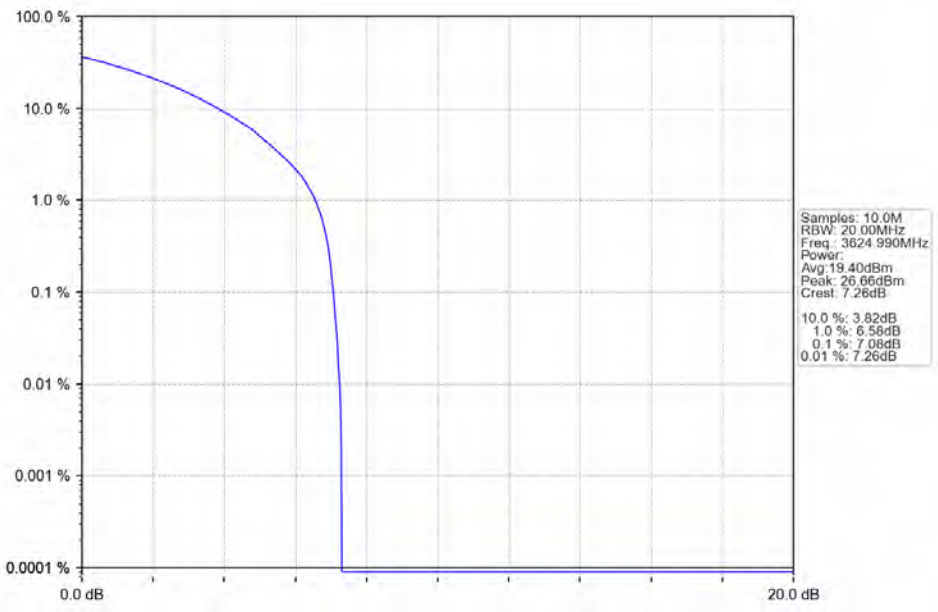
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3690MHz_Outer_Full_Ant1



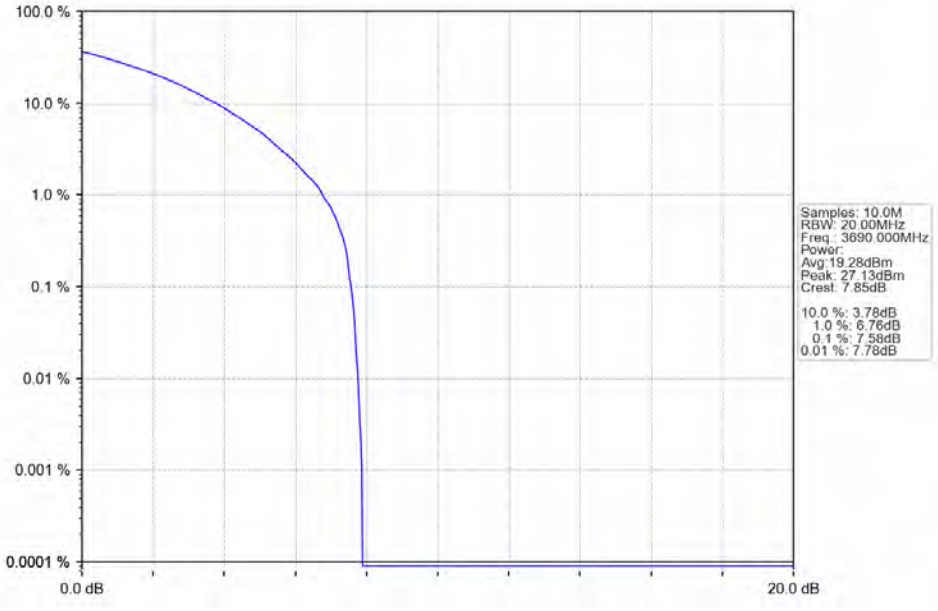
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Outer_Full_Ant1



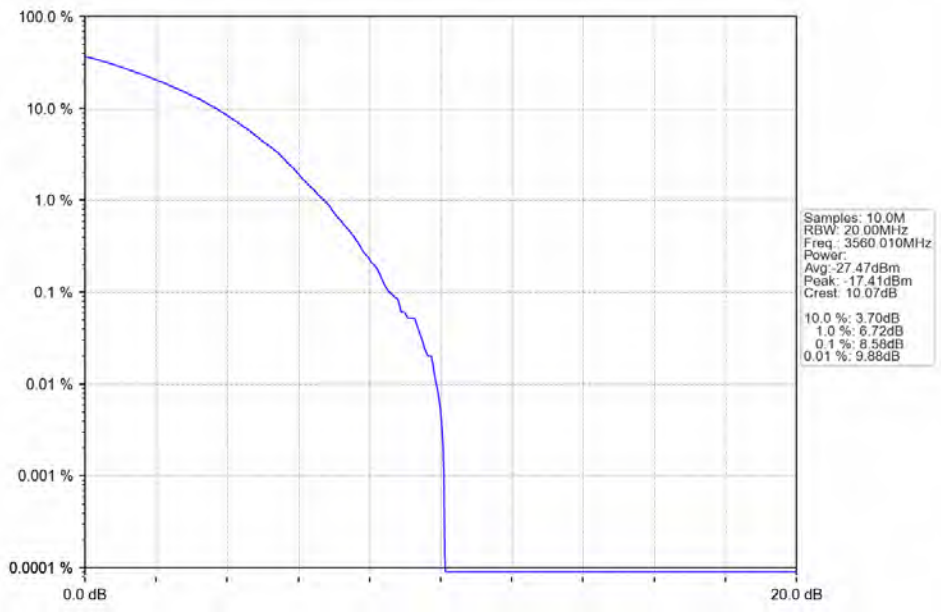
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3690MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3560.01MHz_Outer_Full_Ant1



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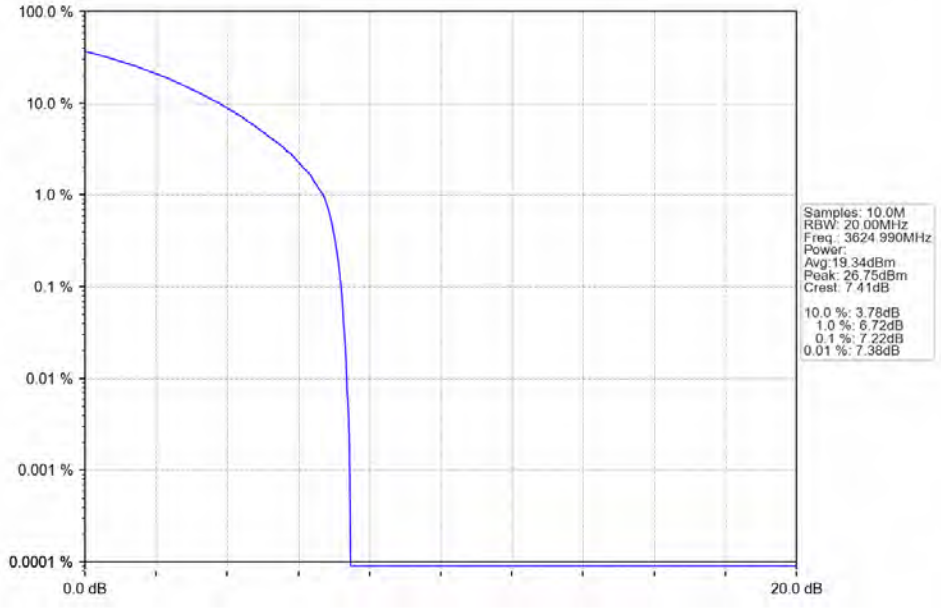

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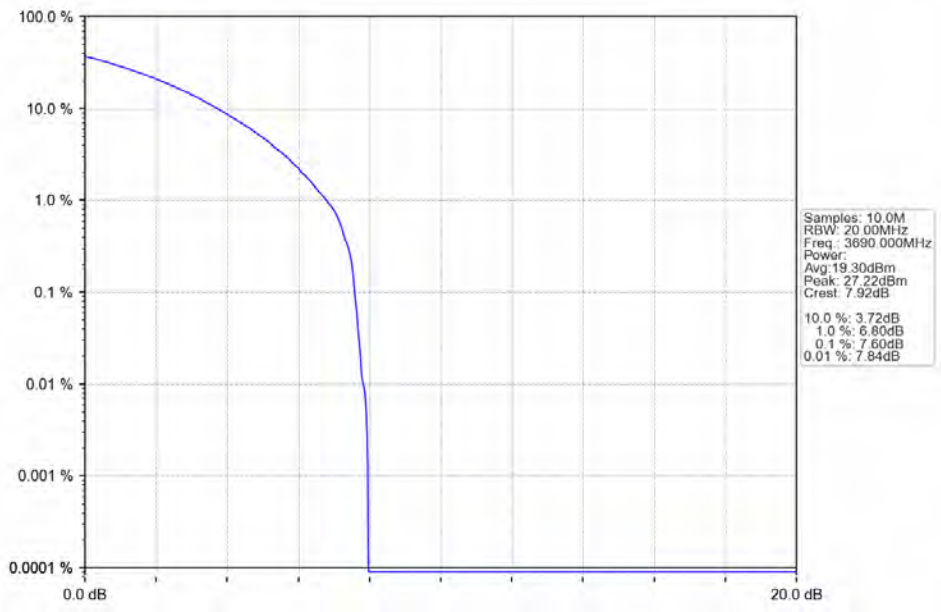
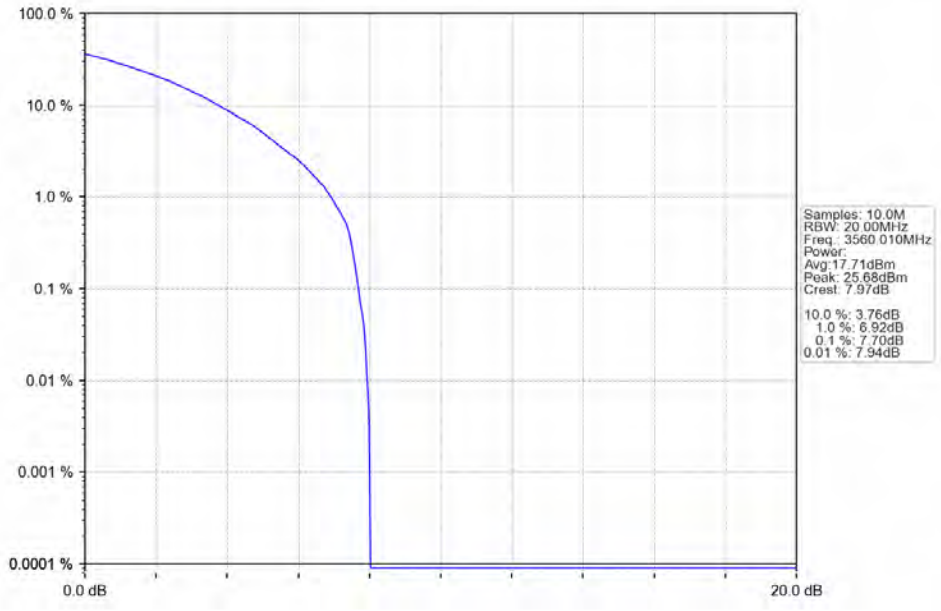


n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3560.01MHz_Outer_Full_Ant1



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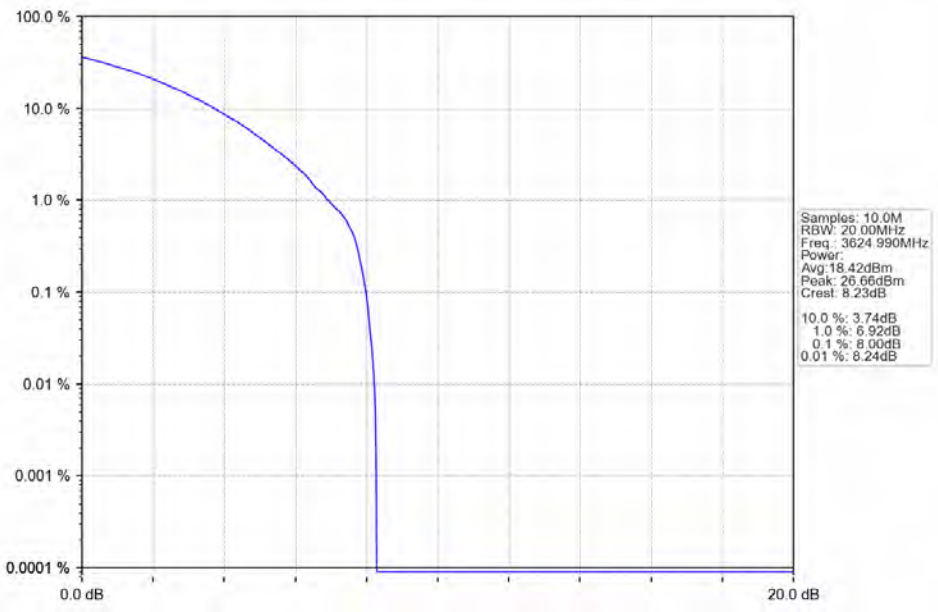

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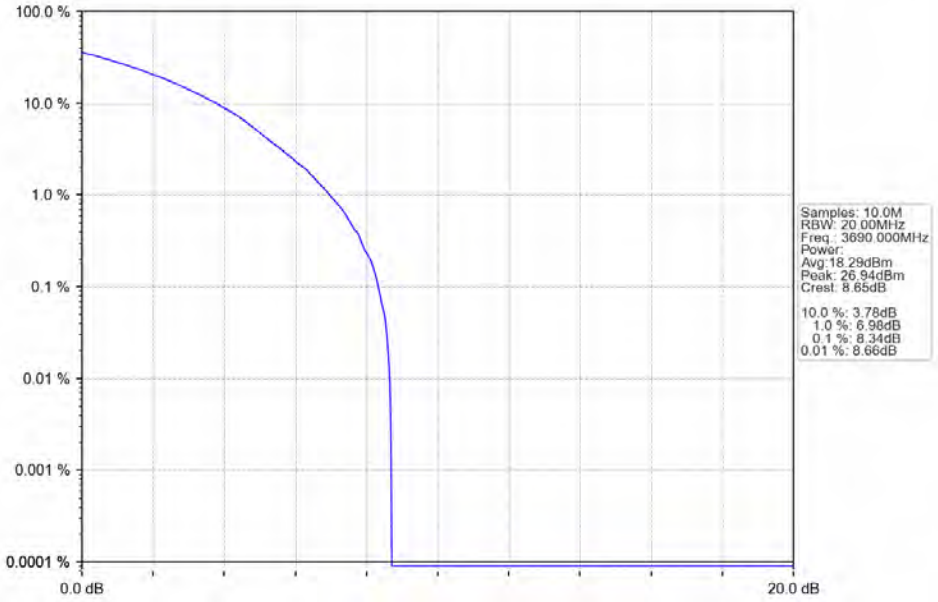
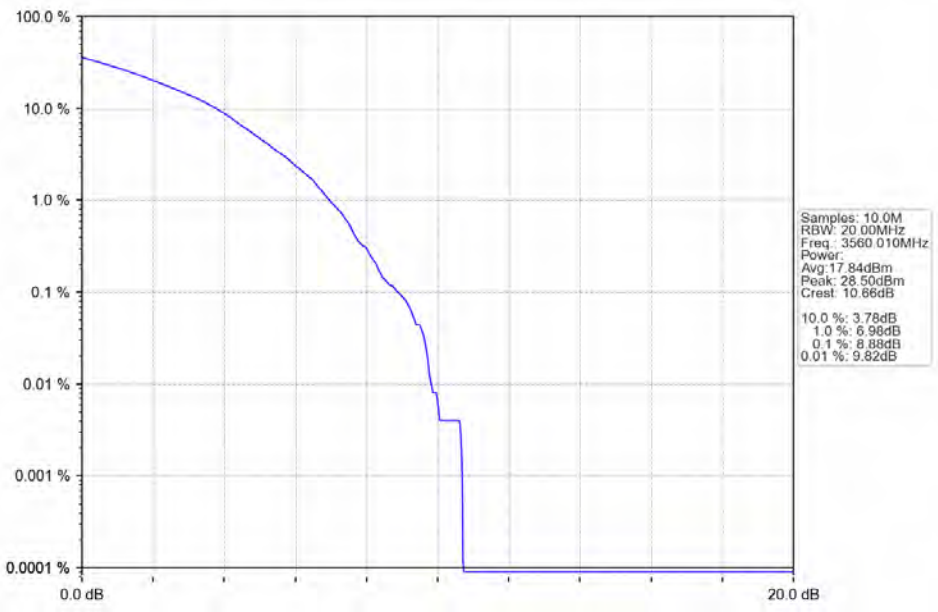


n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3560.01MHz_Outer_Full_Ant1



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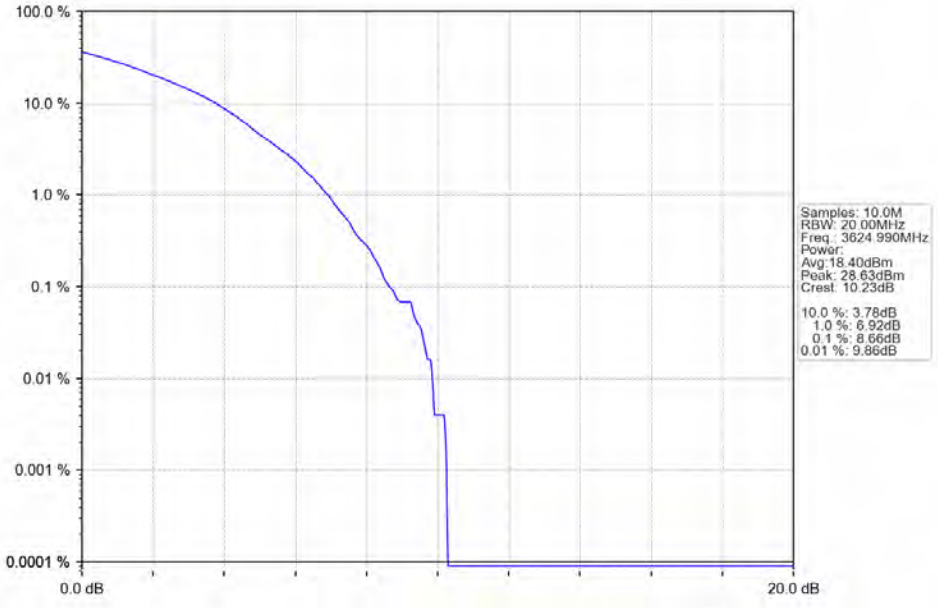
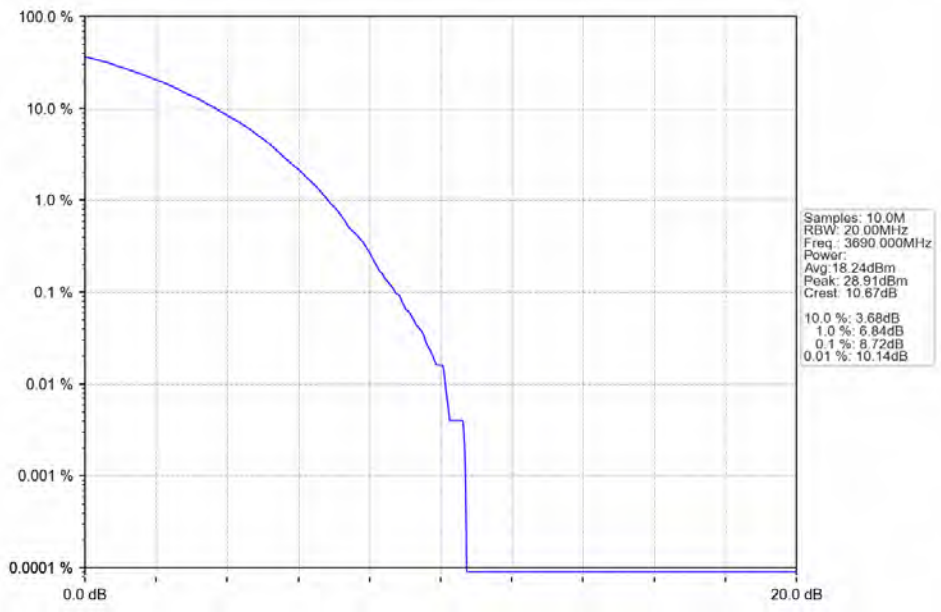


n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Outer_Full_Ant1



5.2.3 30k_SISO_30MHz_NTNV

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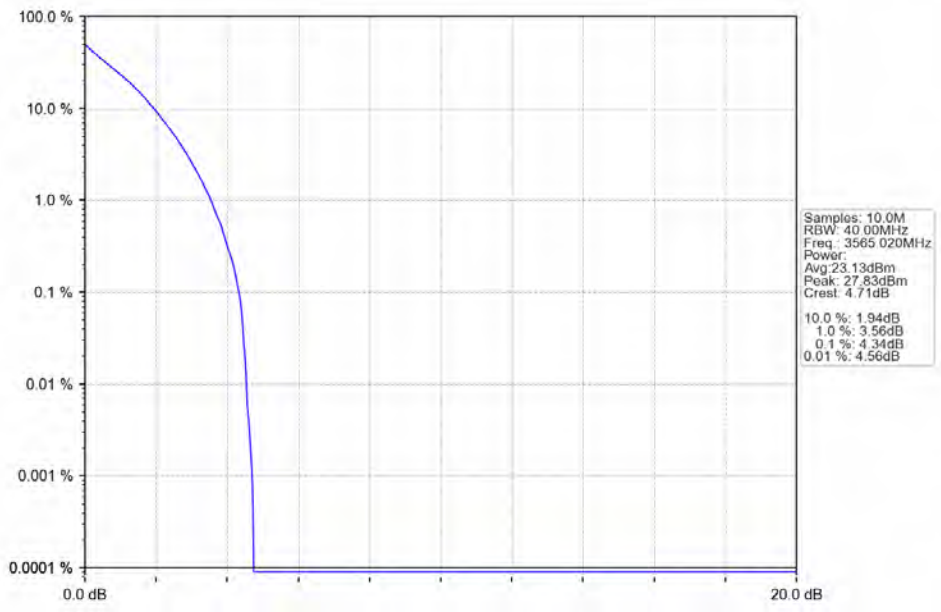

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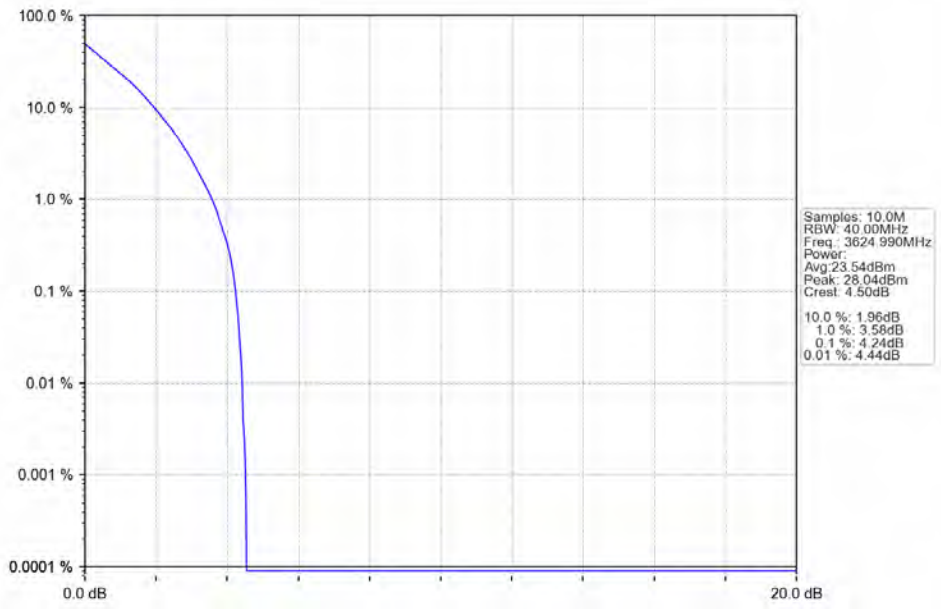
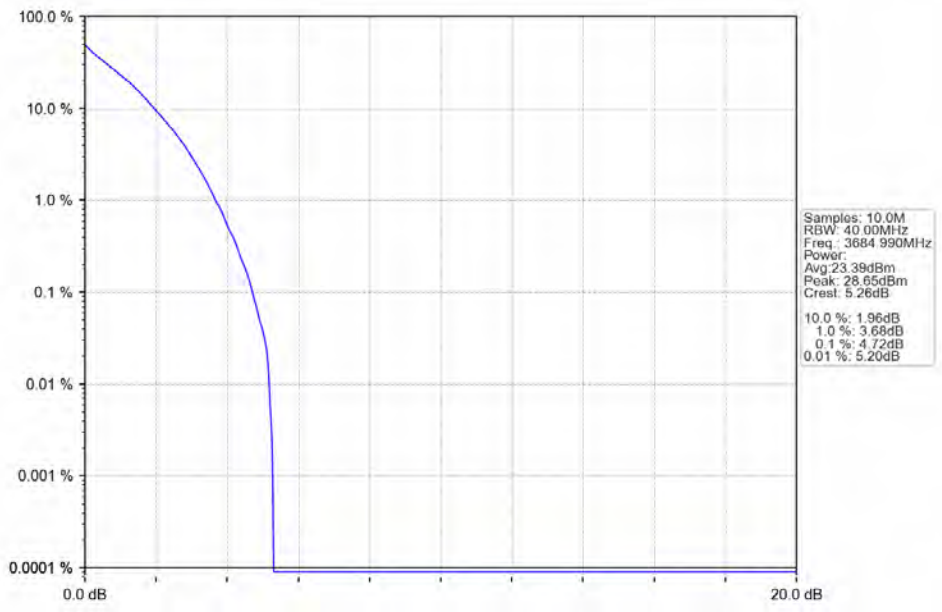
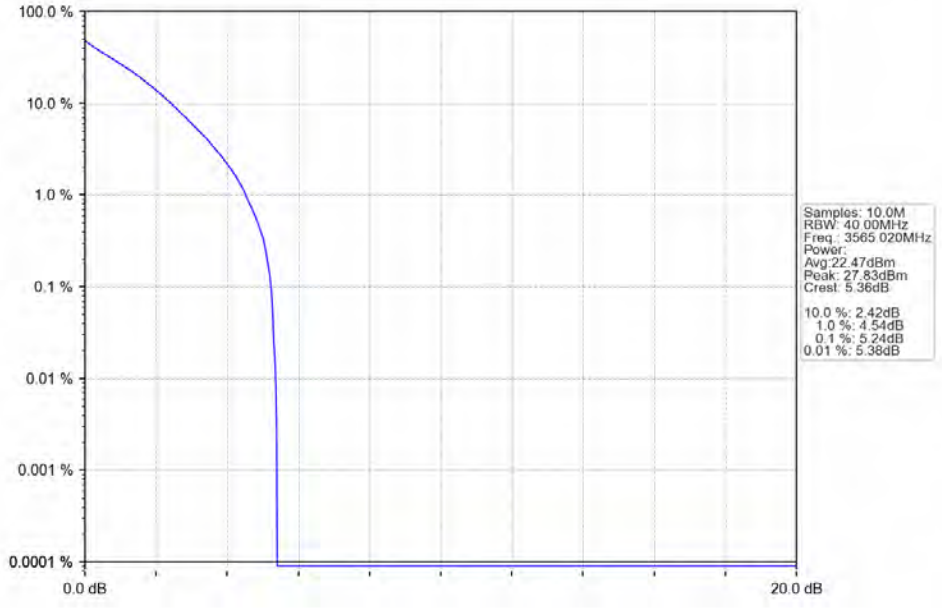


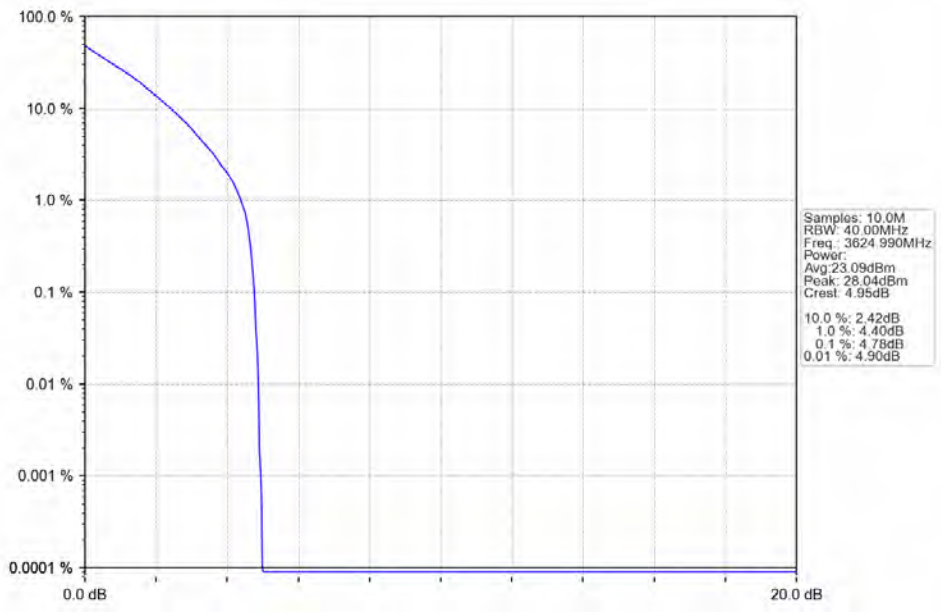
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3684.99MHz_Outer_Full_Ant1



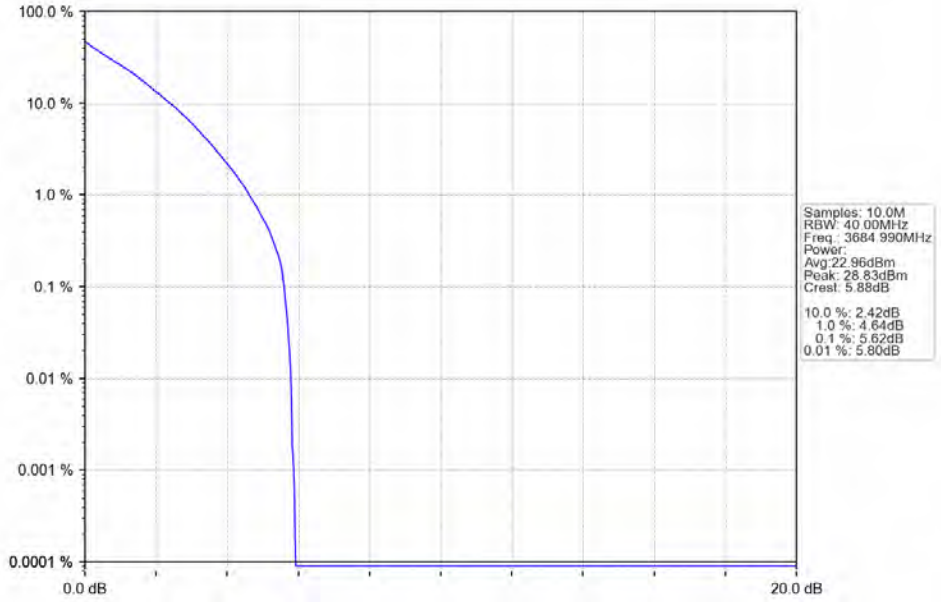
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3565.02MHz_Outer_Full_Ant1



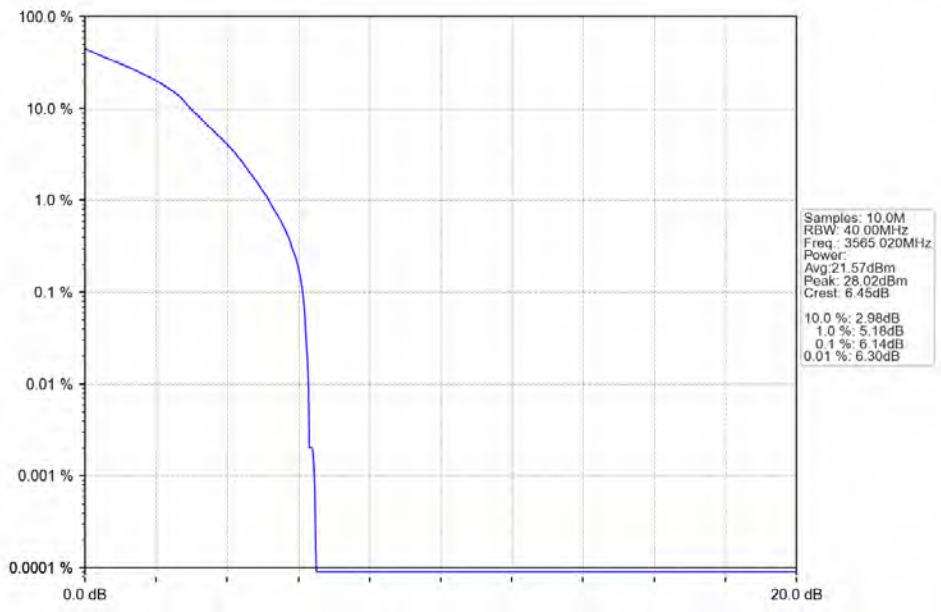
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



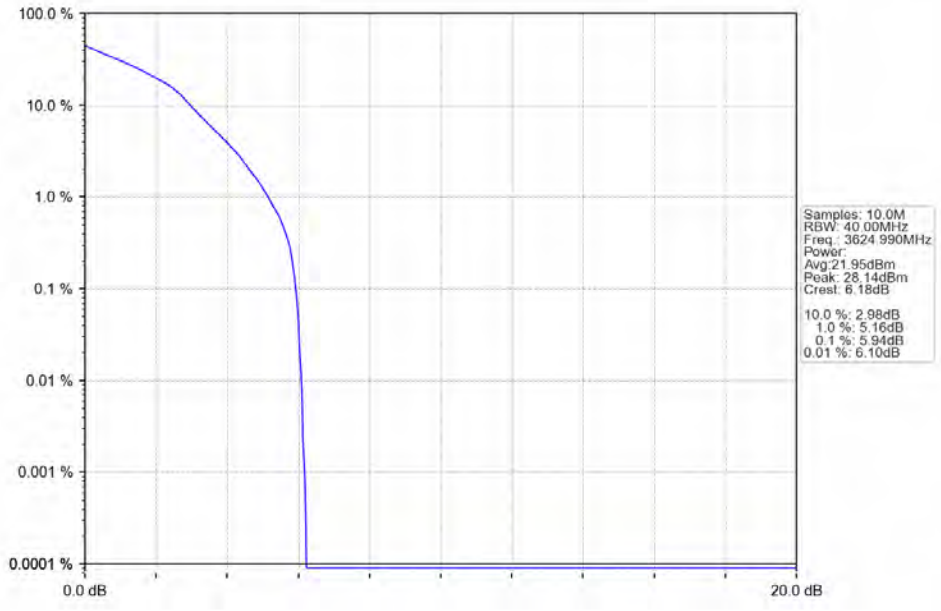
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3684.99MHz_Outer_Full_Ant1



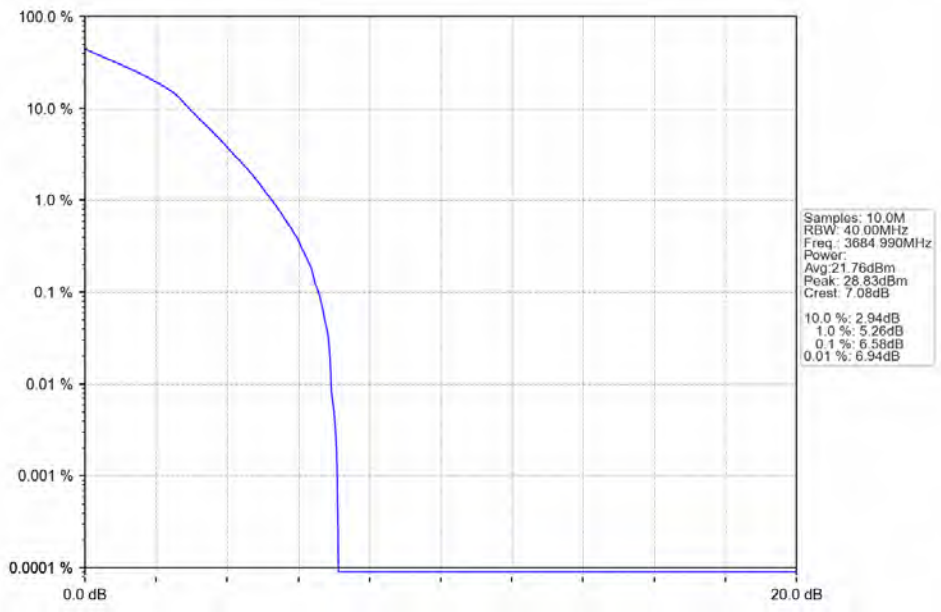
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3565.02MHz_Outer_Full_Ant1



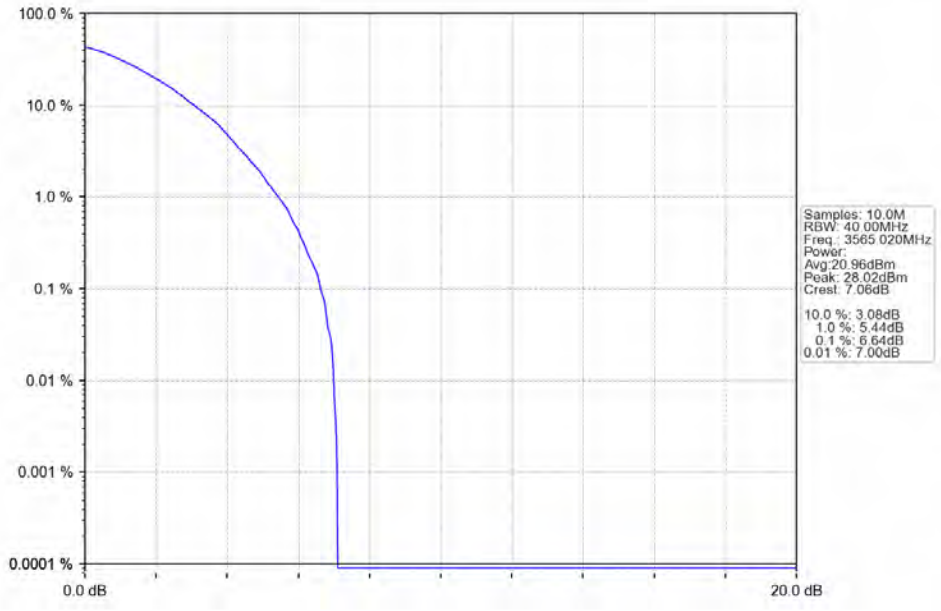
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



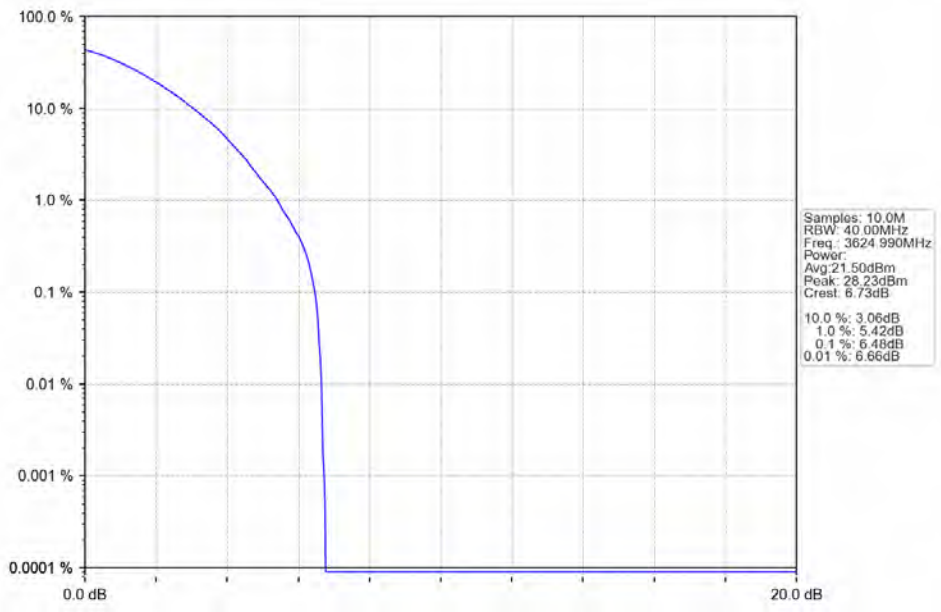
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3684.99MHz_Outer_Full_Ant1



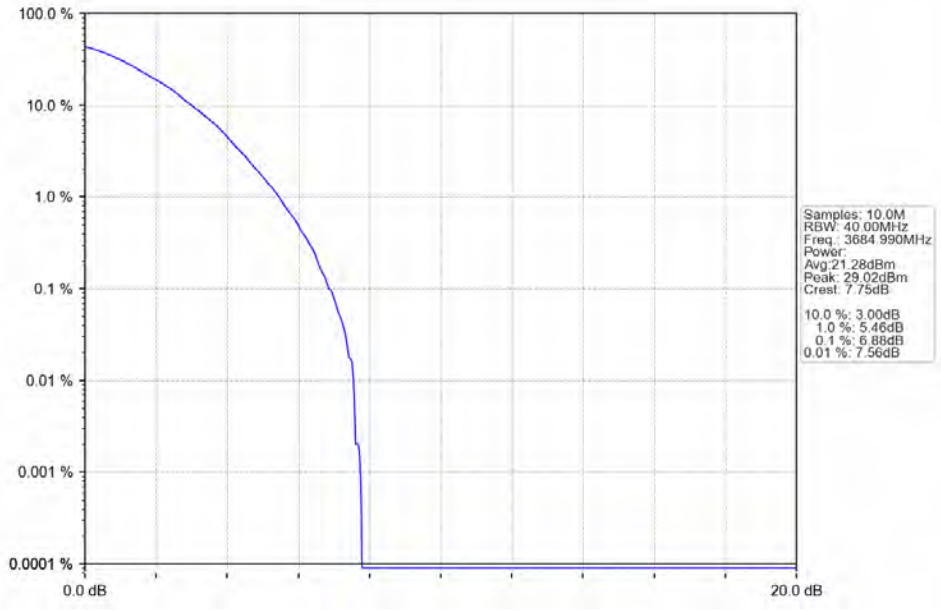
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3565.02MHz_Outer_Full_Ant1



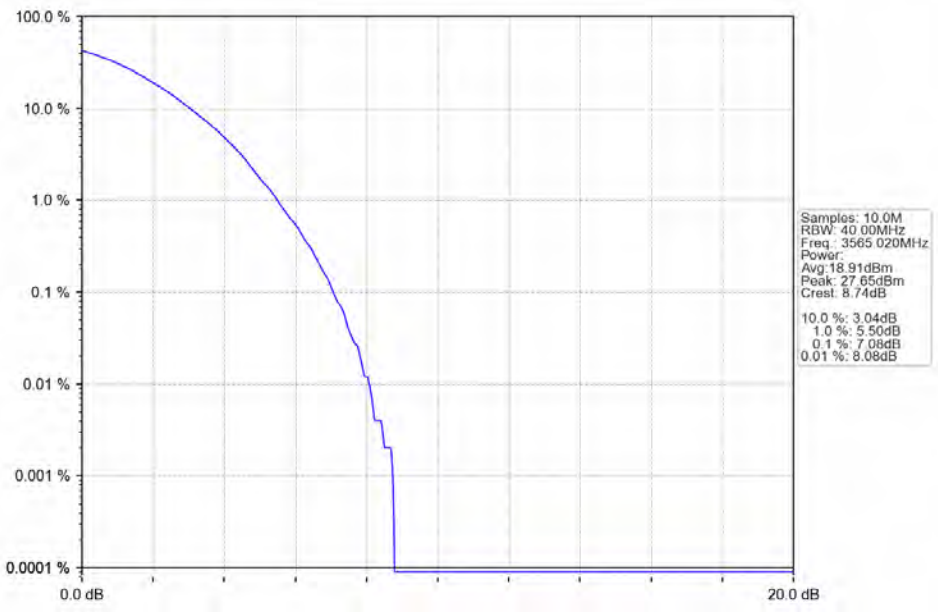
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



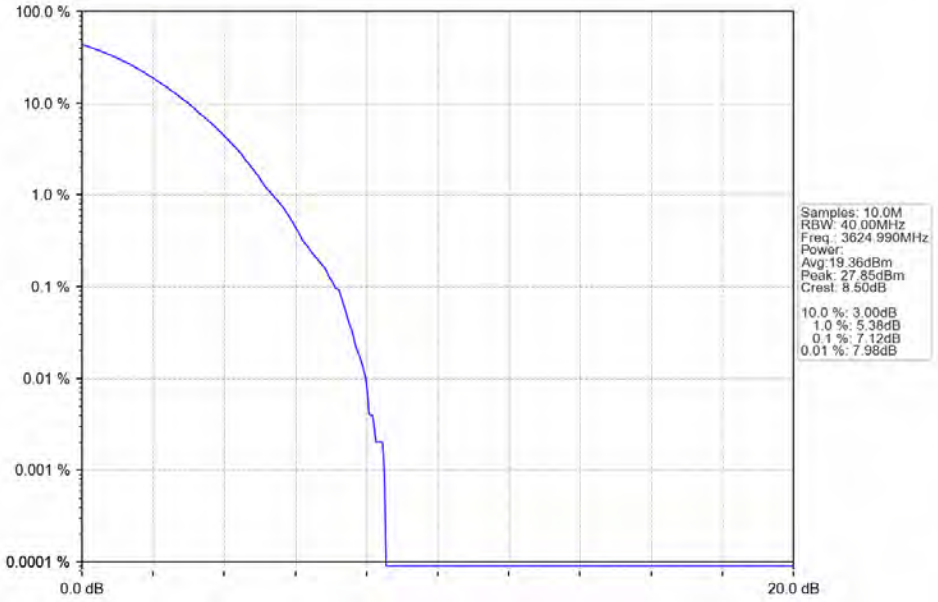
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3684.99MHz_Outer_Full_Ant1



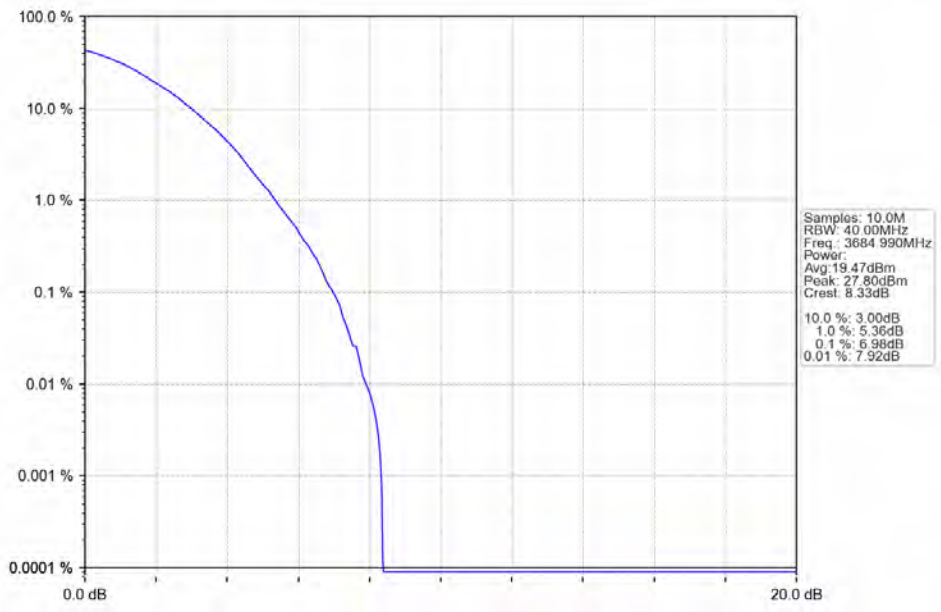
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3565.02MHz_Outer_Full_Ant1



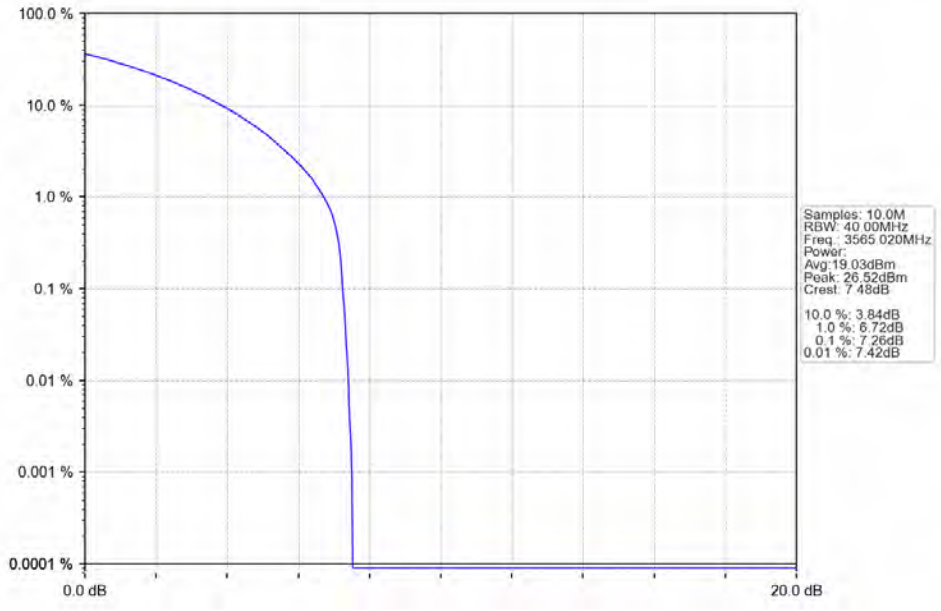
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



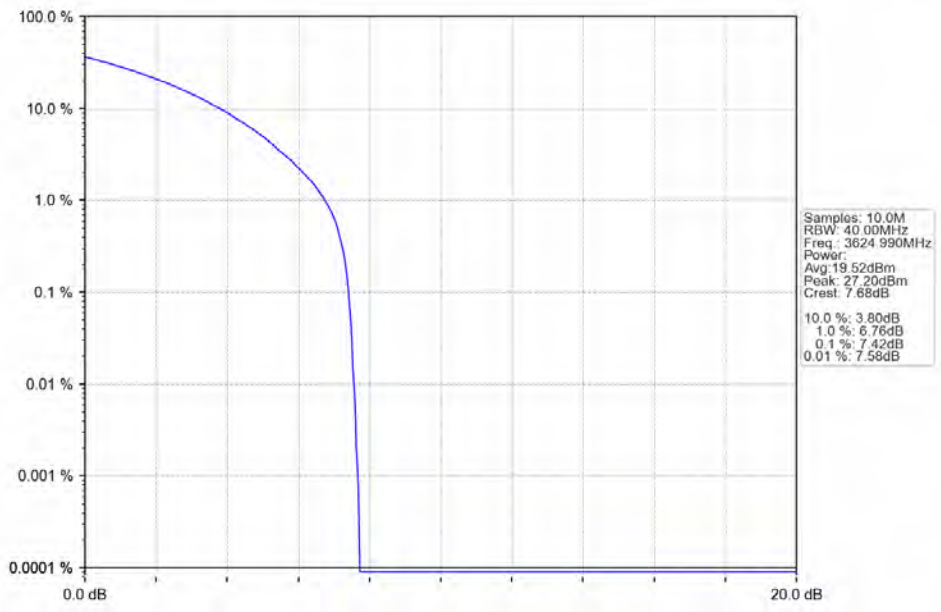
n48_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3684.99MHz_Outer_Full_Ant1



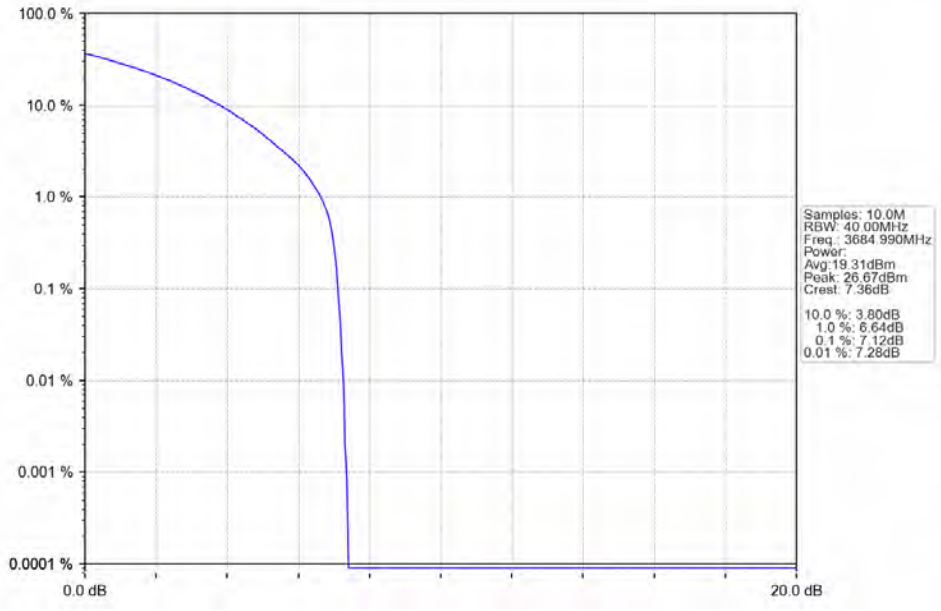
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3565.02MHz_Outer_Full_Ant1



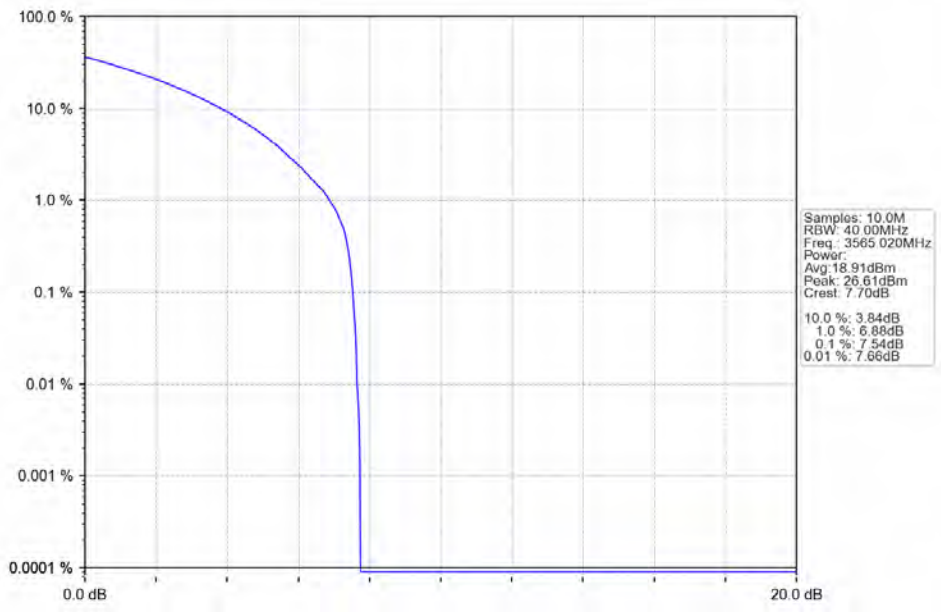
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



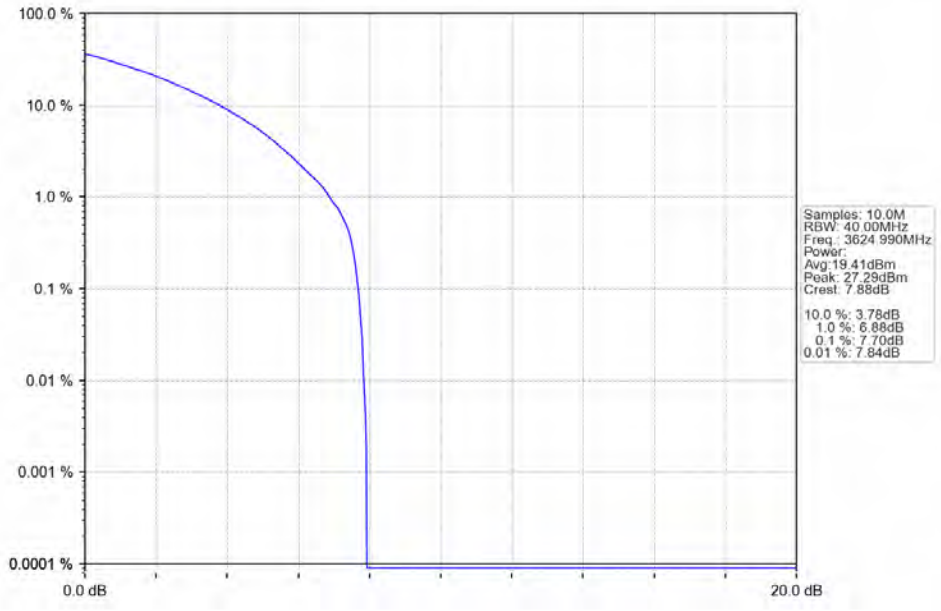
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3684.99MHz_Outer_Full_Ant1



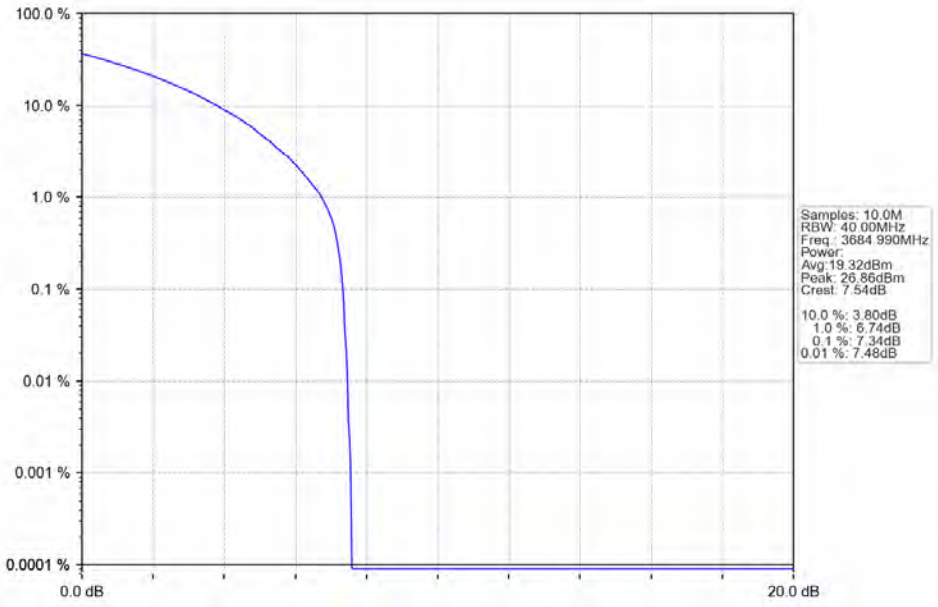
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3565.02MHz_Outer_Full_Ant1



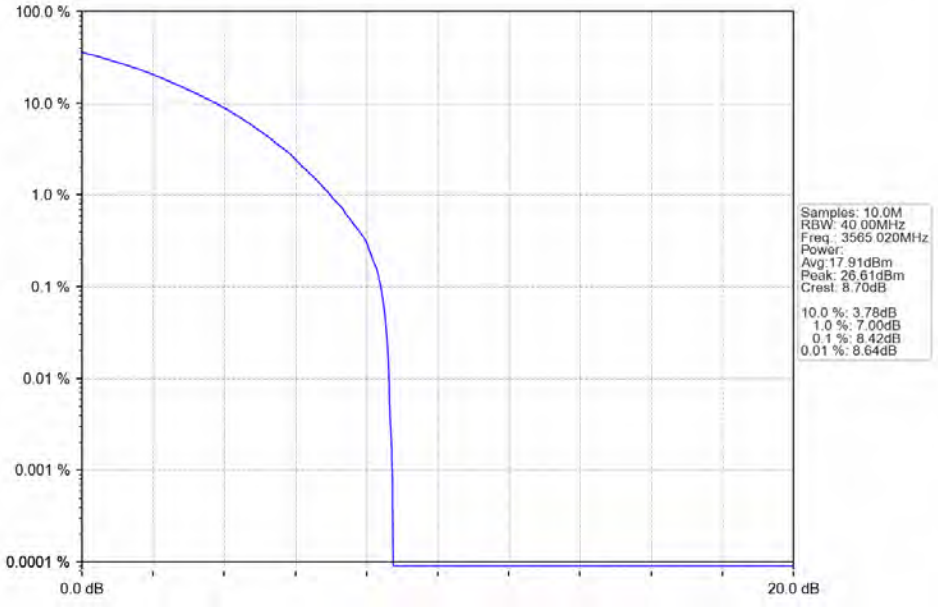
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



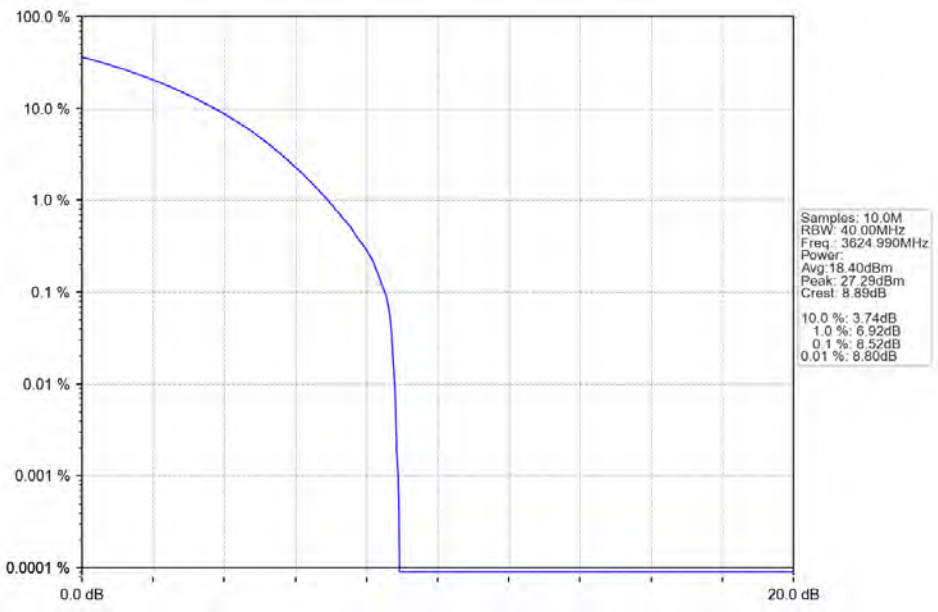
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3684.99MHz_Outer_Full_Ant1



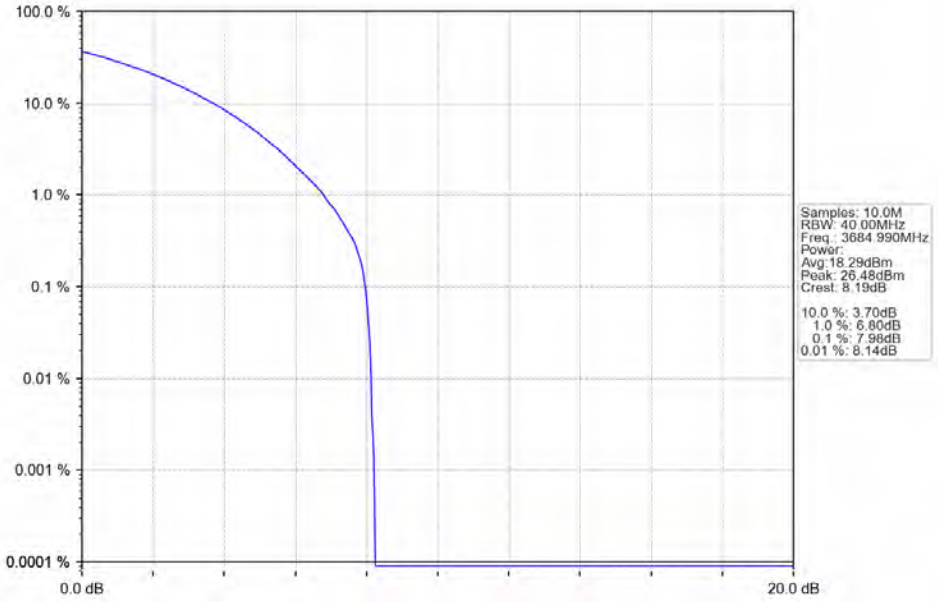
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3565.02MHz_Outer_Full_Ant1



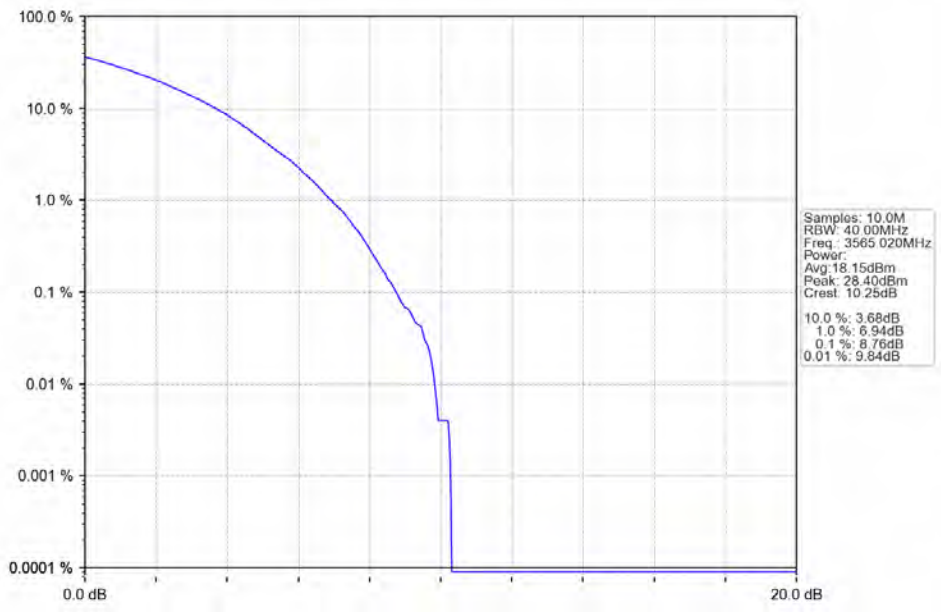
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



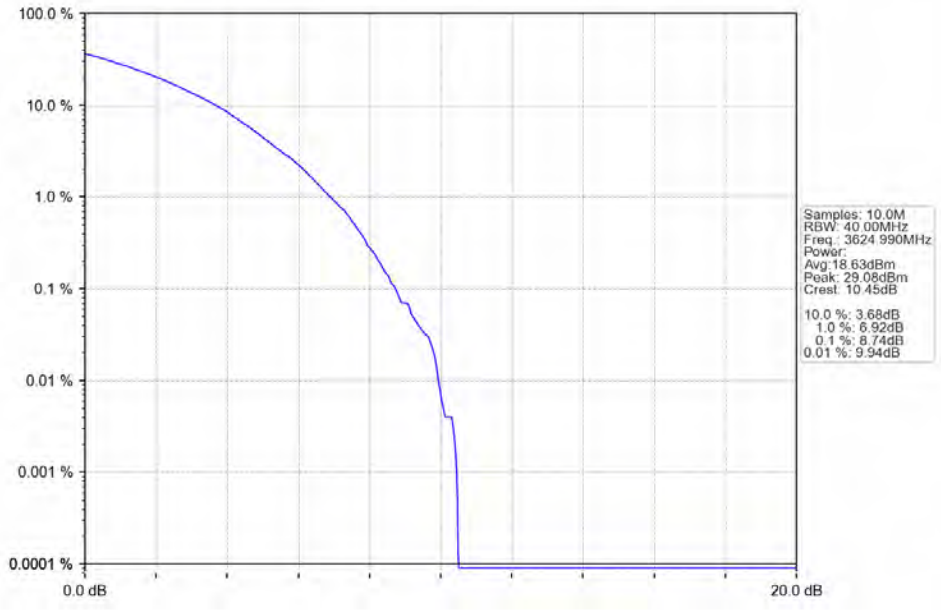
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Outer_Full_Ant1



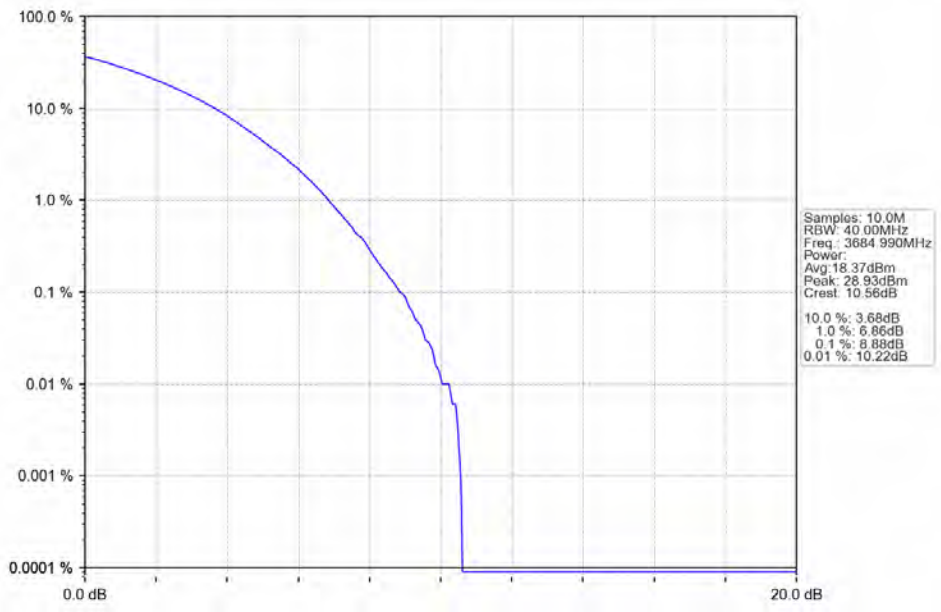
n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1

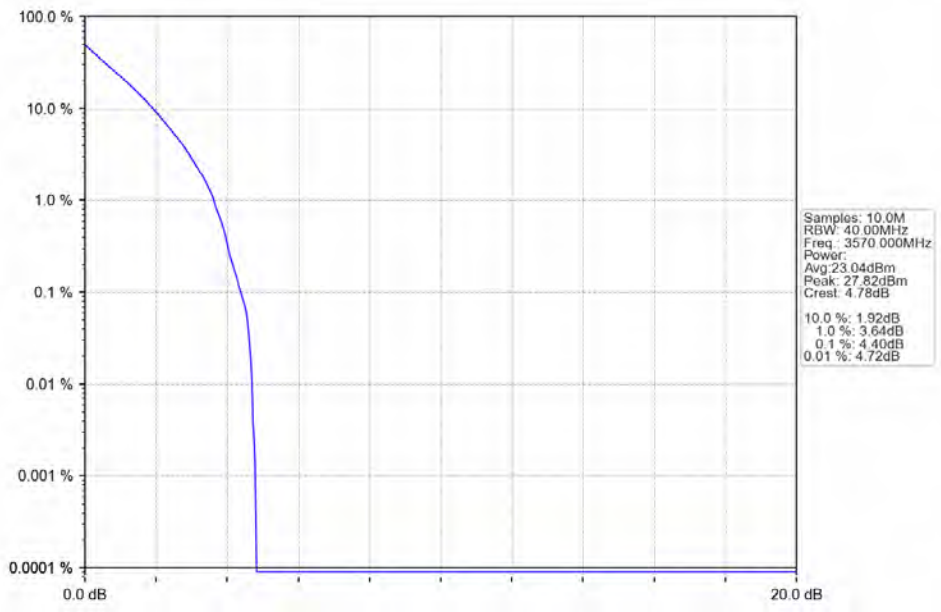


n48_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Outer_Full_Ant1

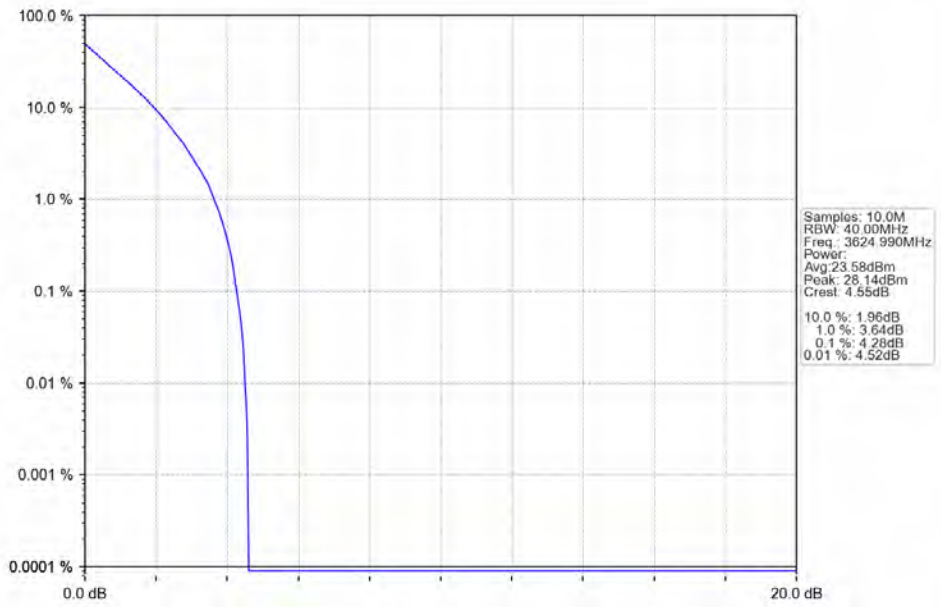


5.2.4 30k_SISO_40MHz_NTNV

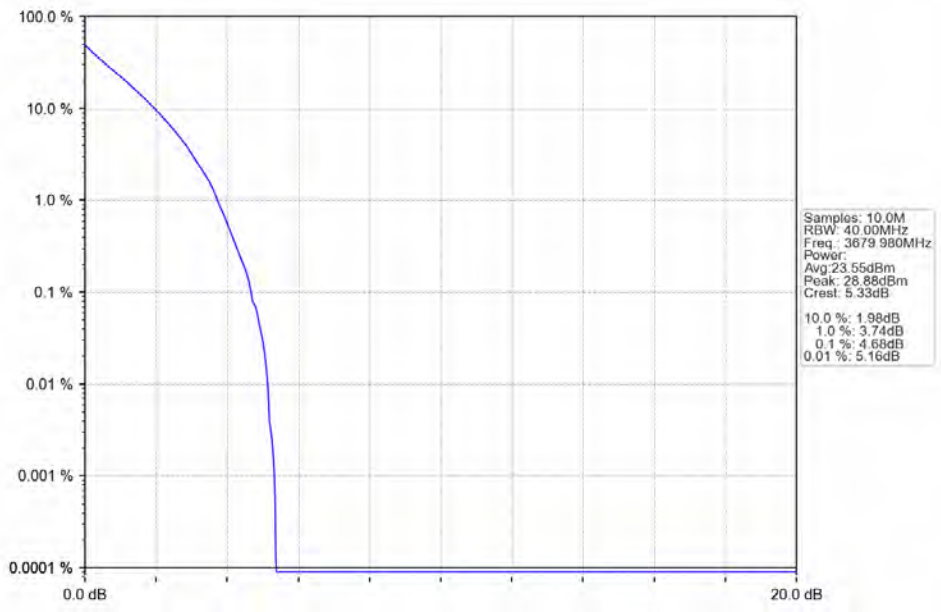
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Outer_Full_Ant1



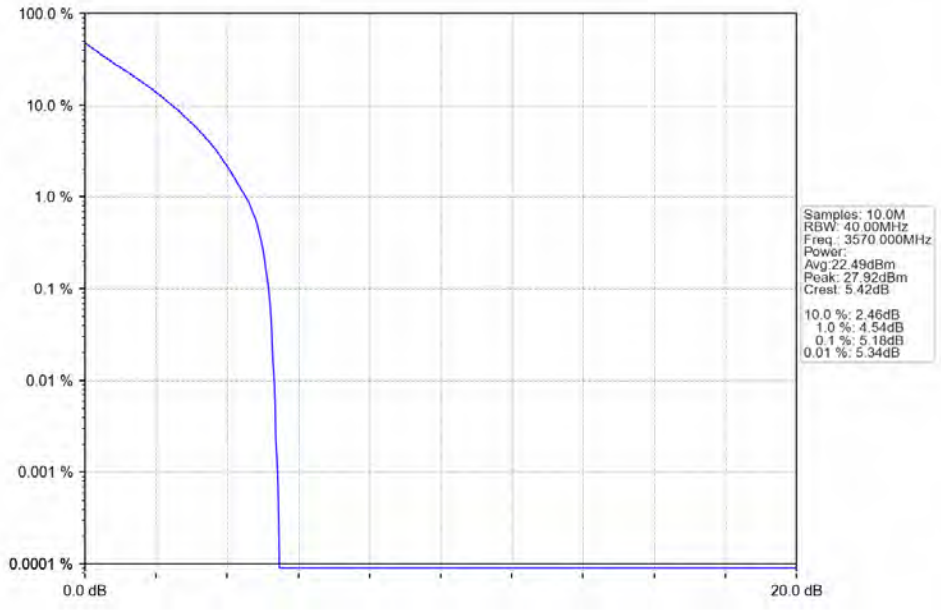
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



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



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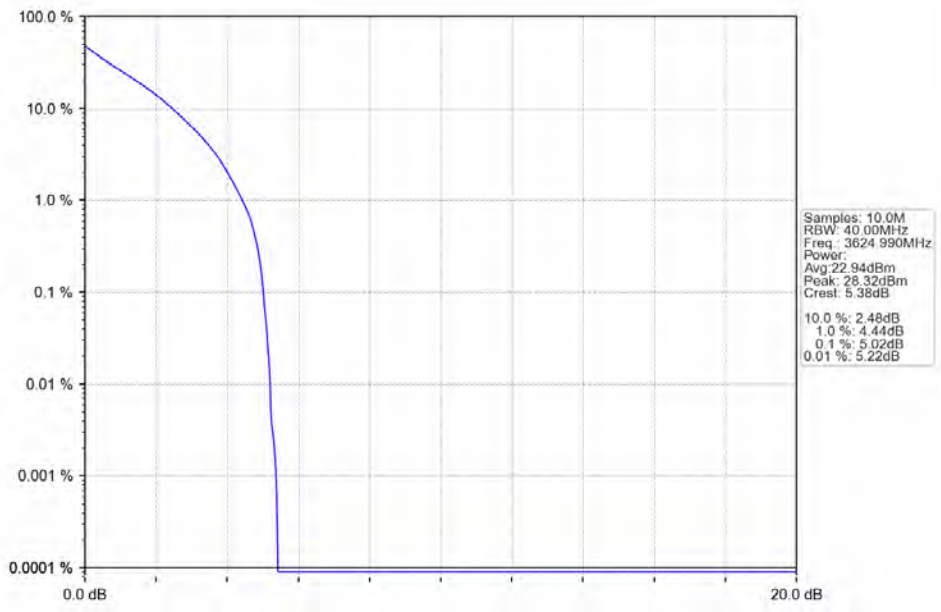
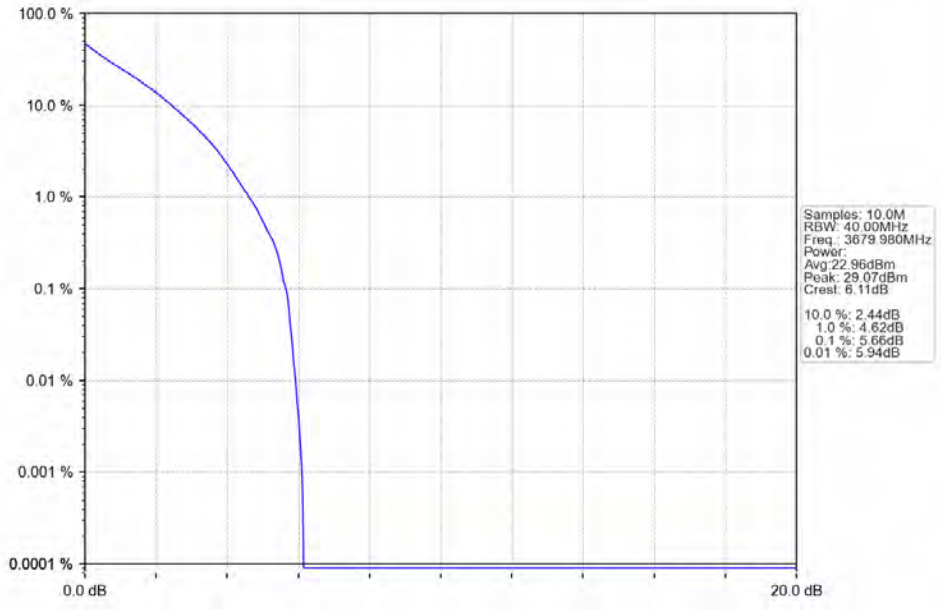
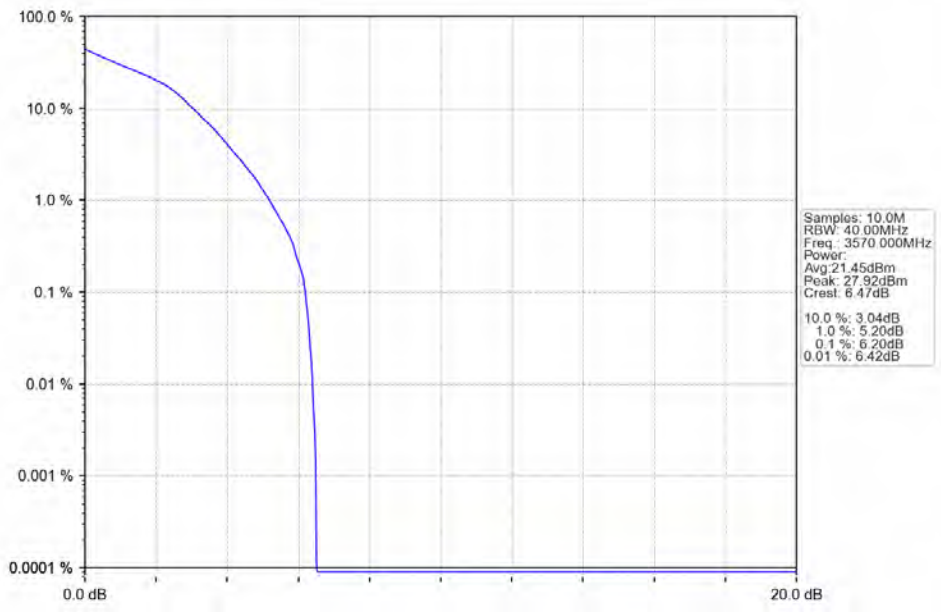


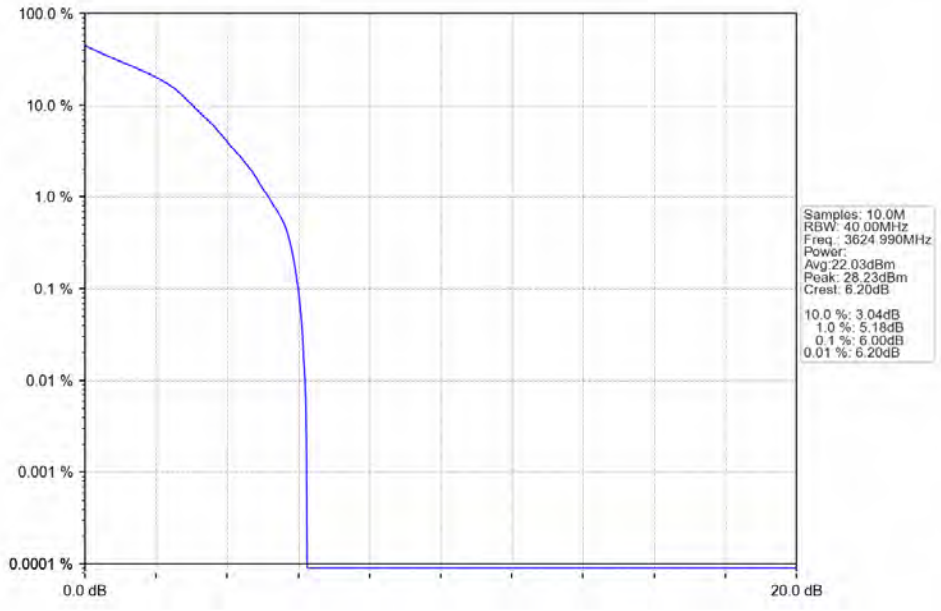
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3679.98MHz_Outer_Full_Ant1



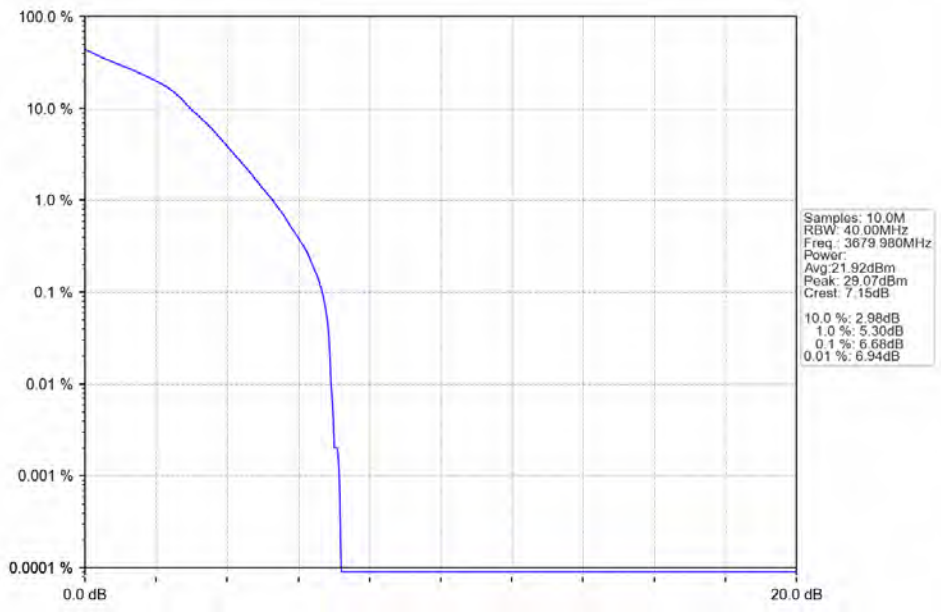
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3570MHz_Outer_Full_Ant1



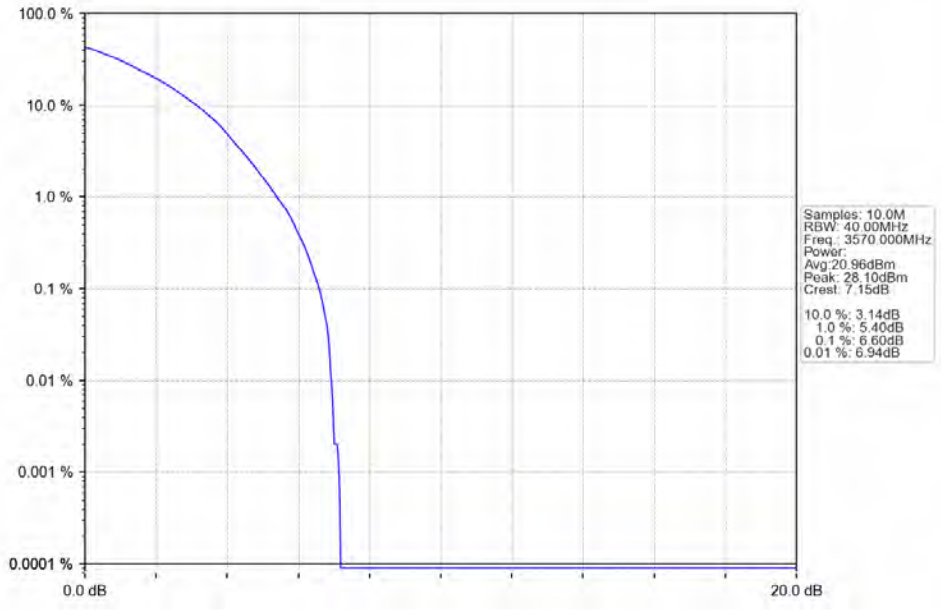
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



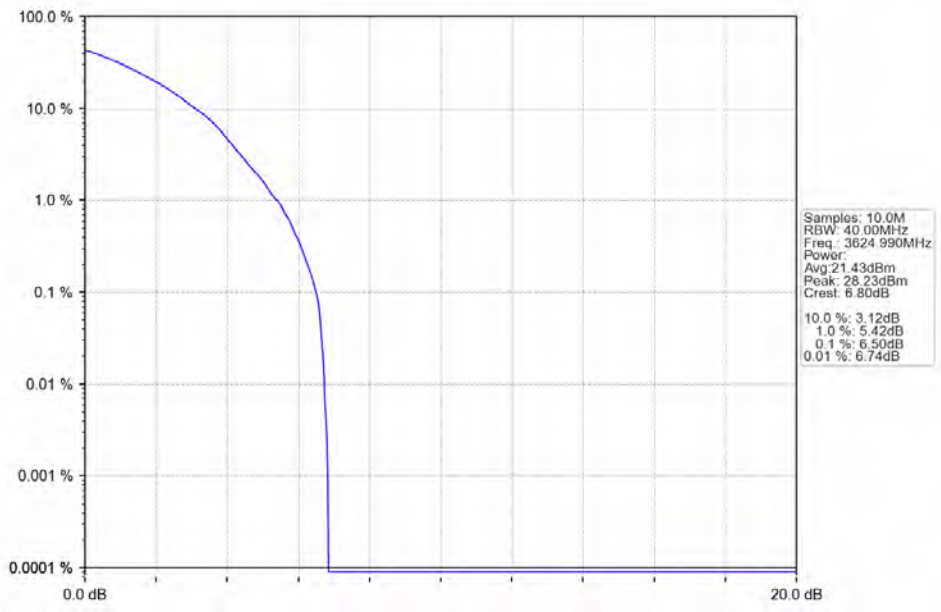
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3679.98MHz_Outer_Full_Ant1



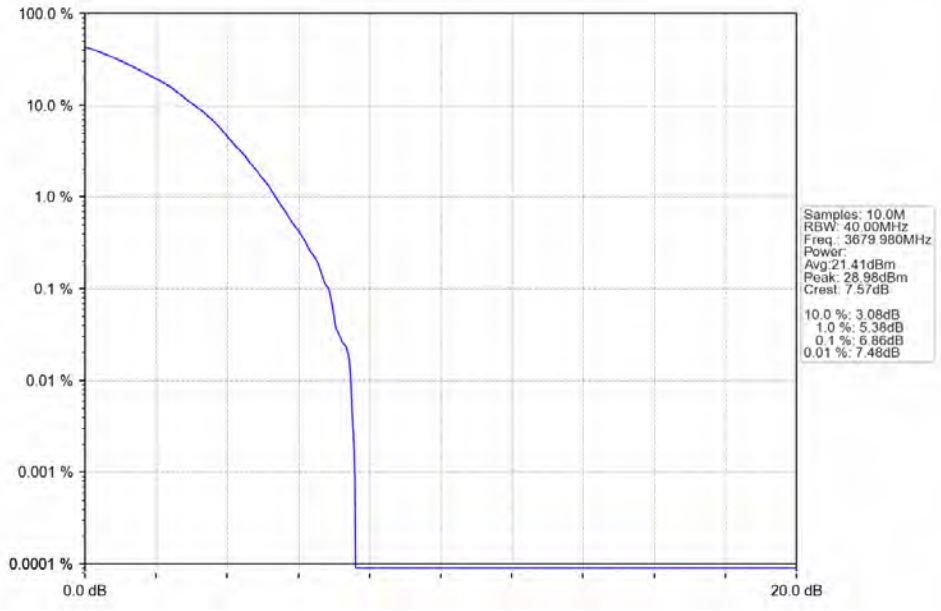
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Outer_Full_Ant1



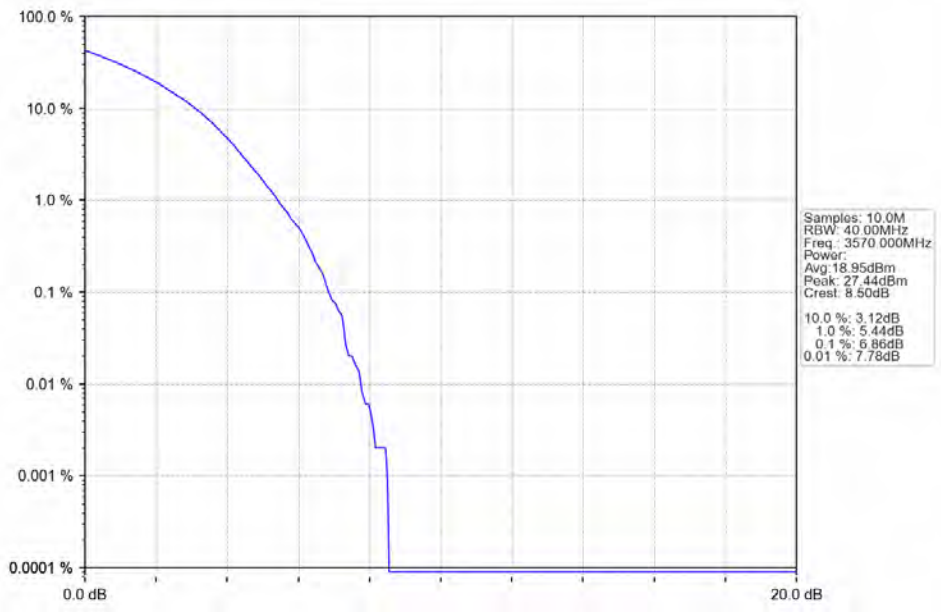
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



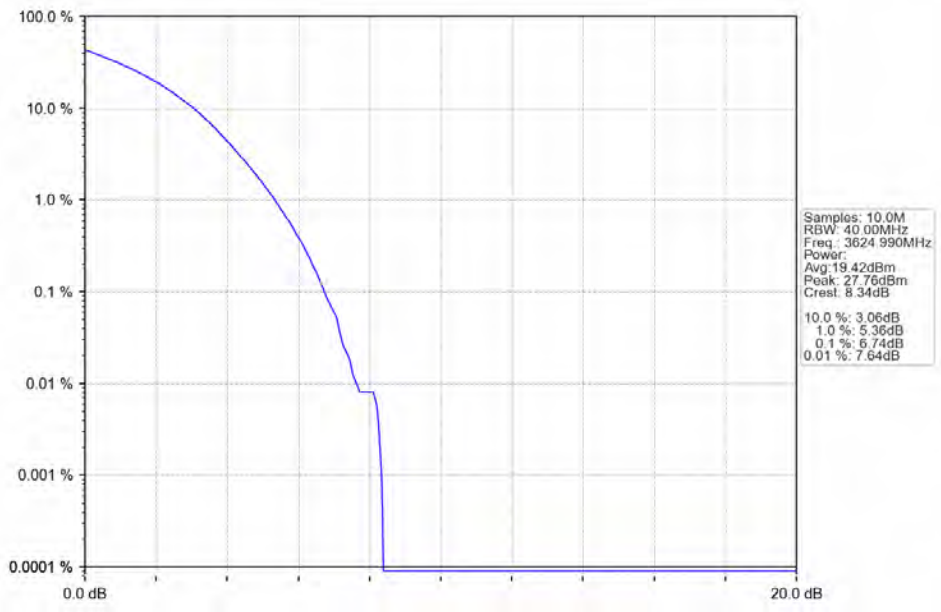
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Outer_Full_Ant1



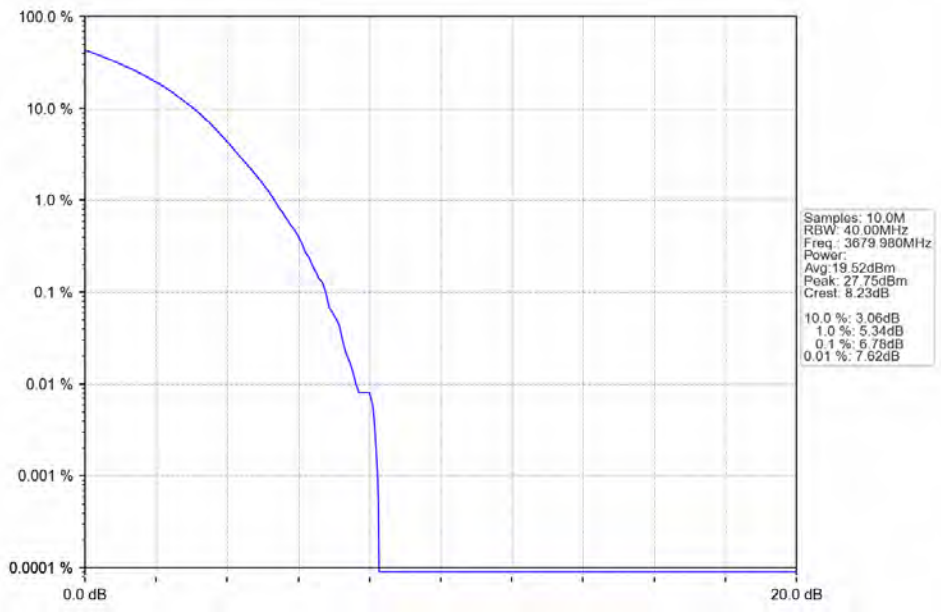
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Outer_Full_Ant1



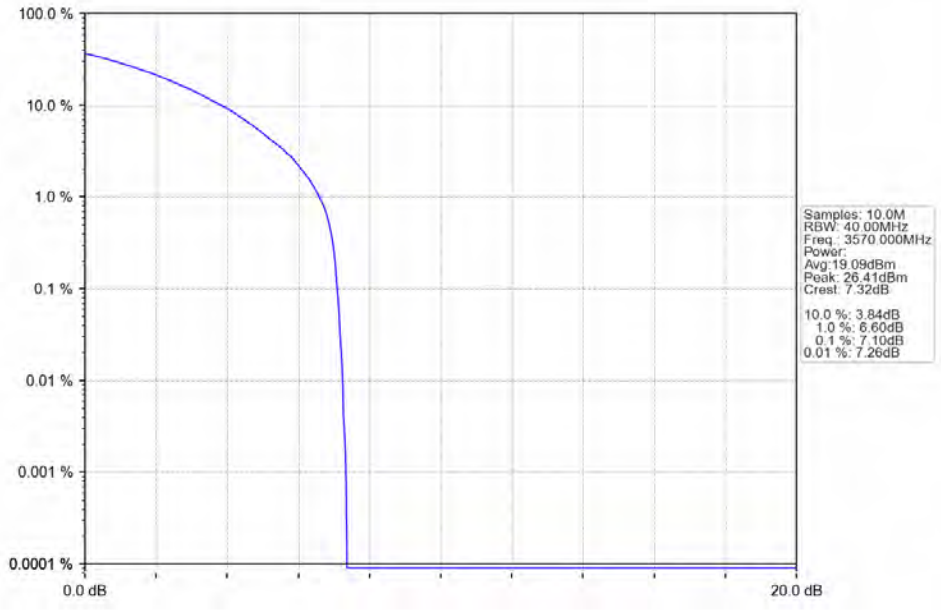
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



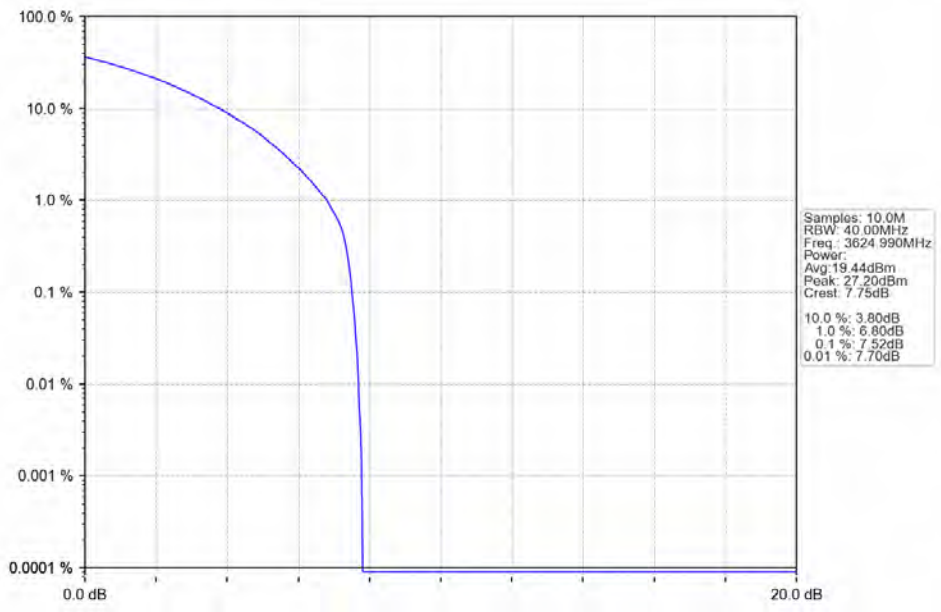
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3679.98MHz_Outer_Full_Ant1



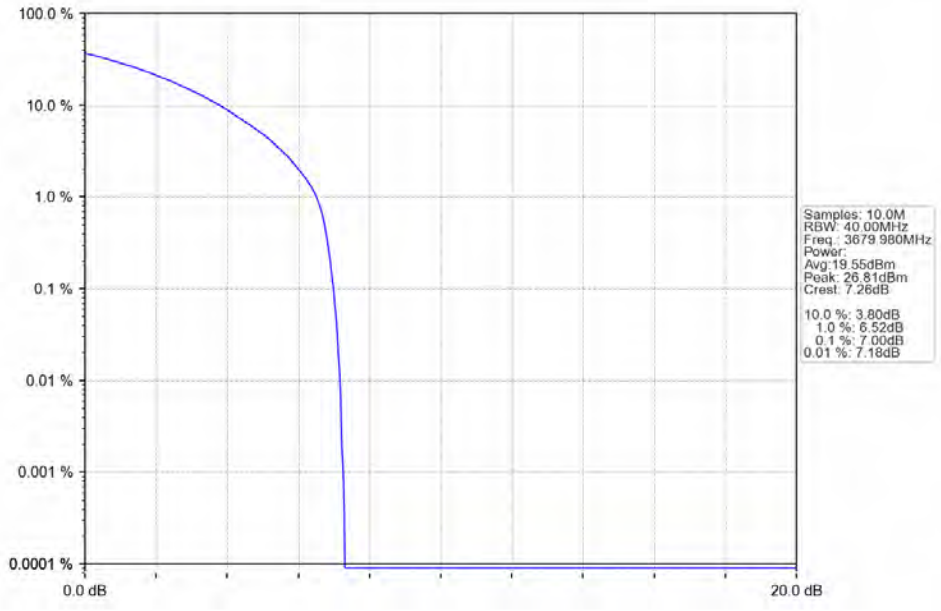
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Outer_Full_Ant1



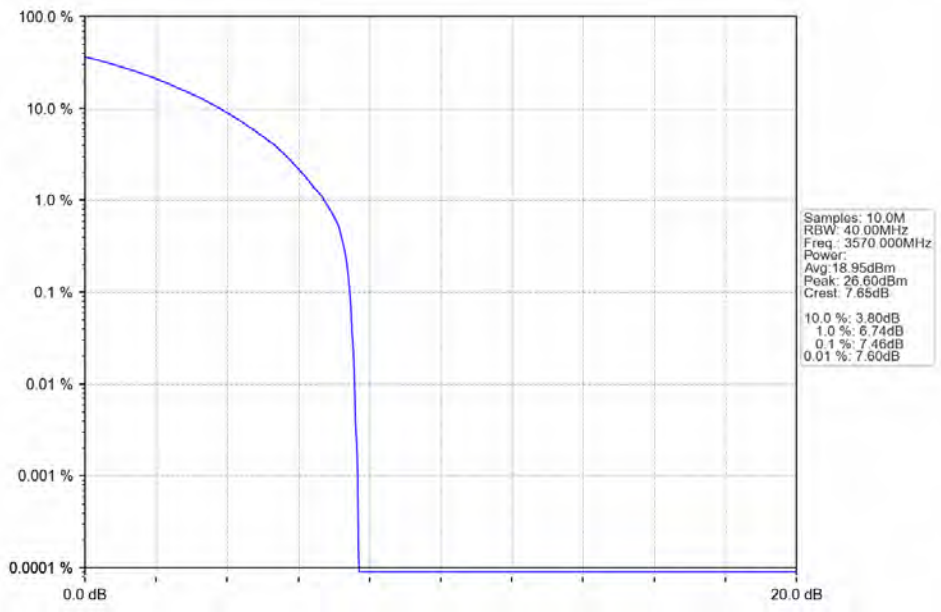
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1



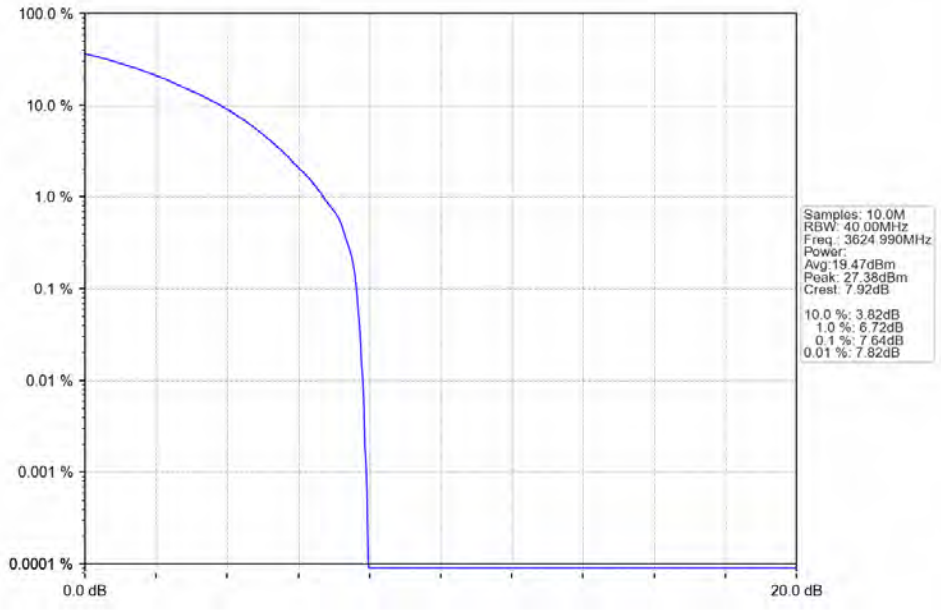
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Outer_Full_Ant1



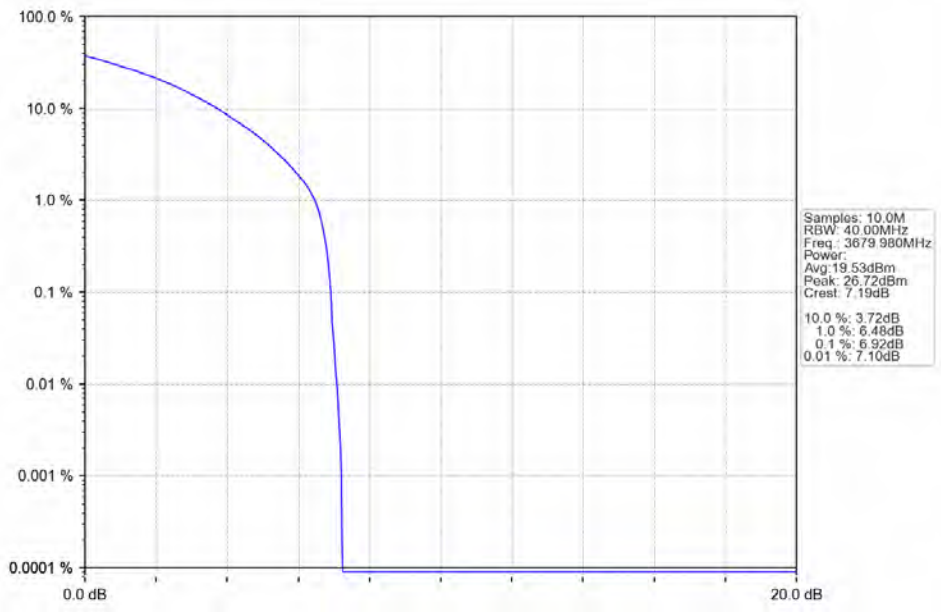
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3570MHz_Outer_Full_Ant1



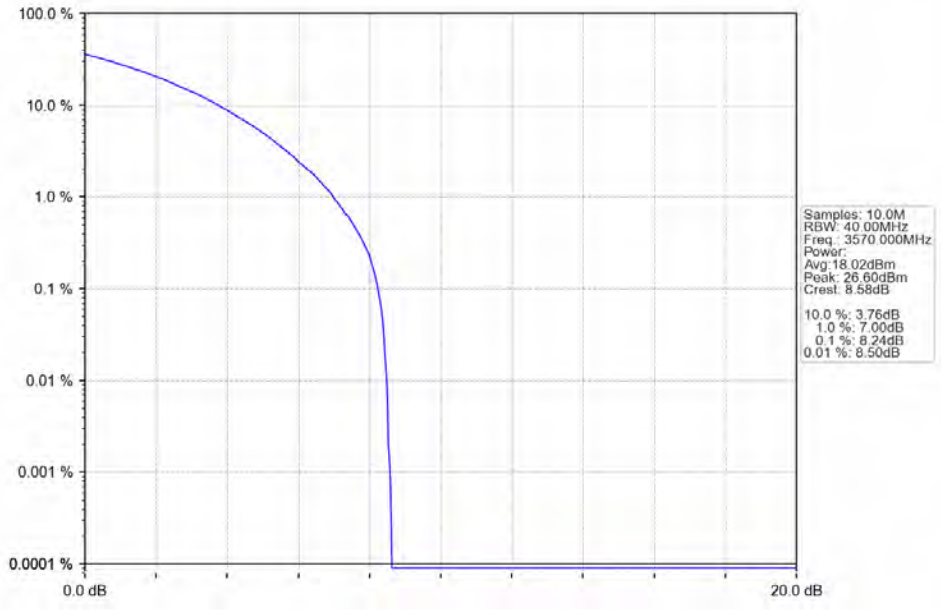
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full_Ant1



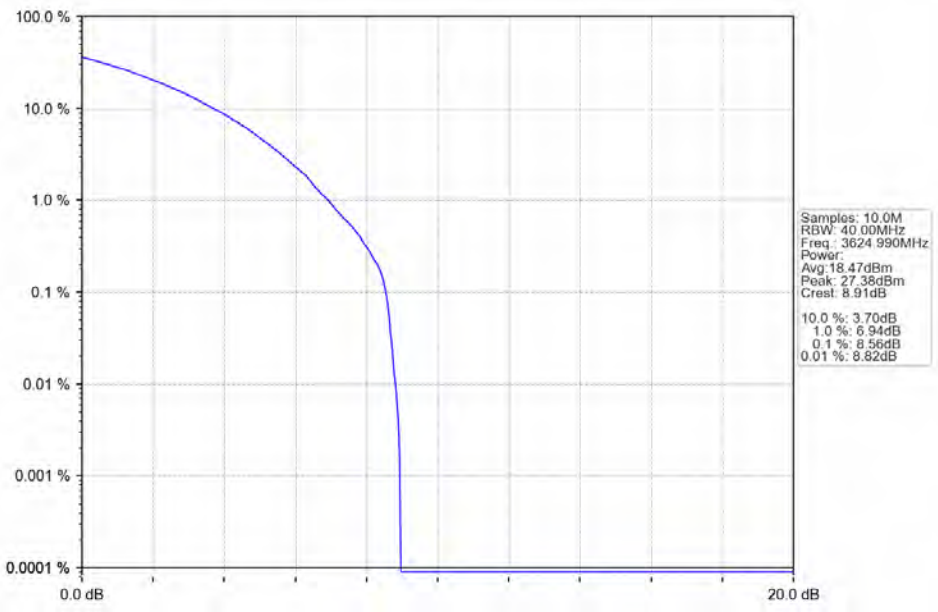
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3679.98MHz_Outer_Full_Ant1



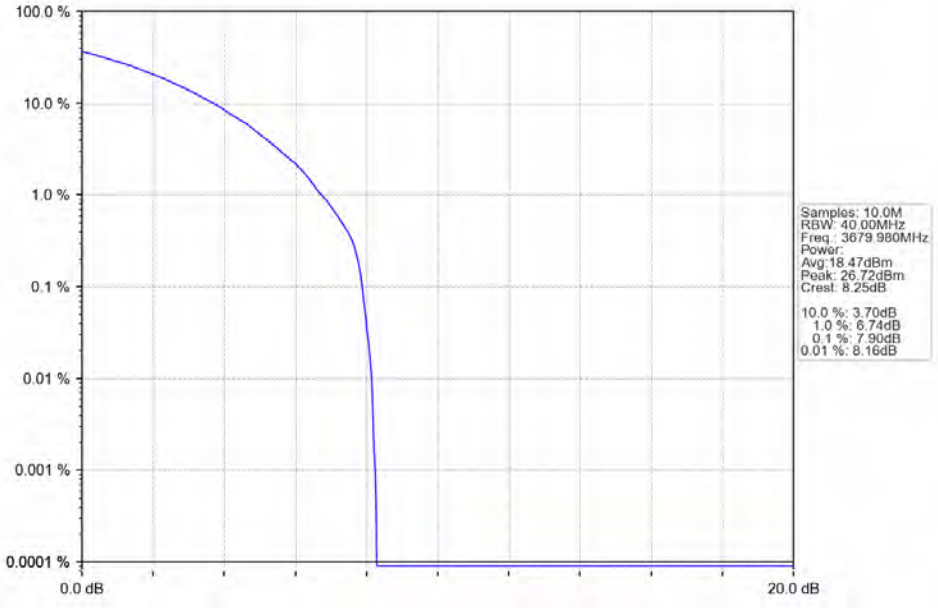
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Outer_Full_Ant1



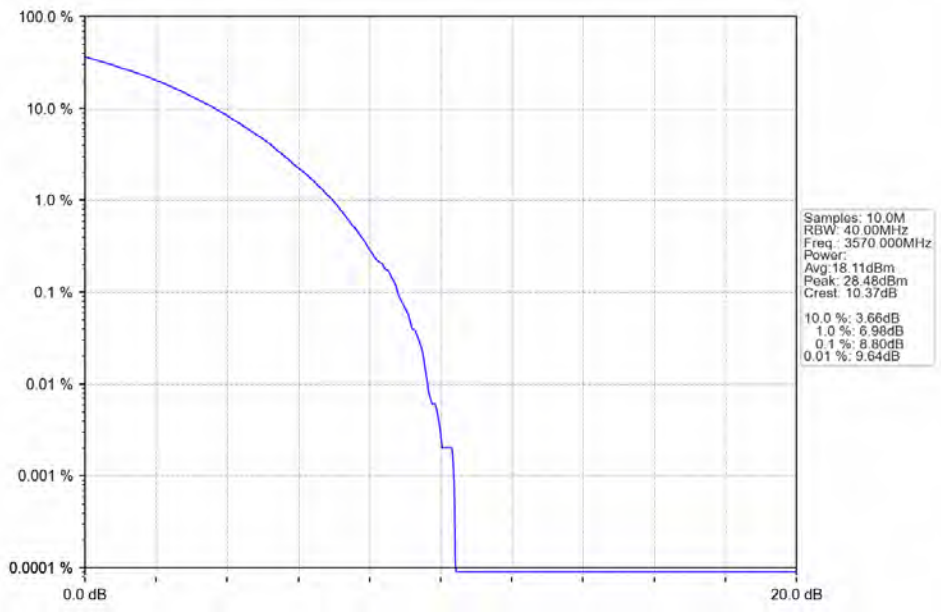
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



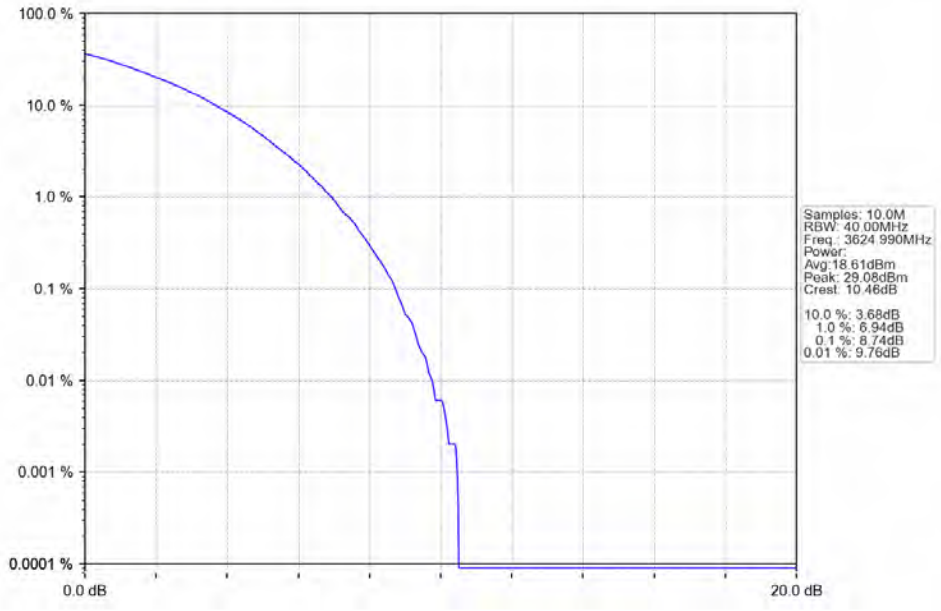
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full_Ant1



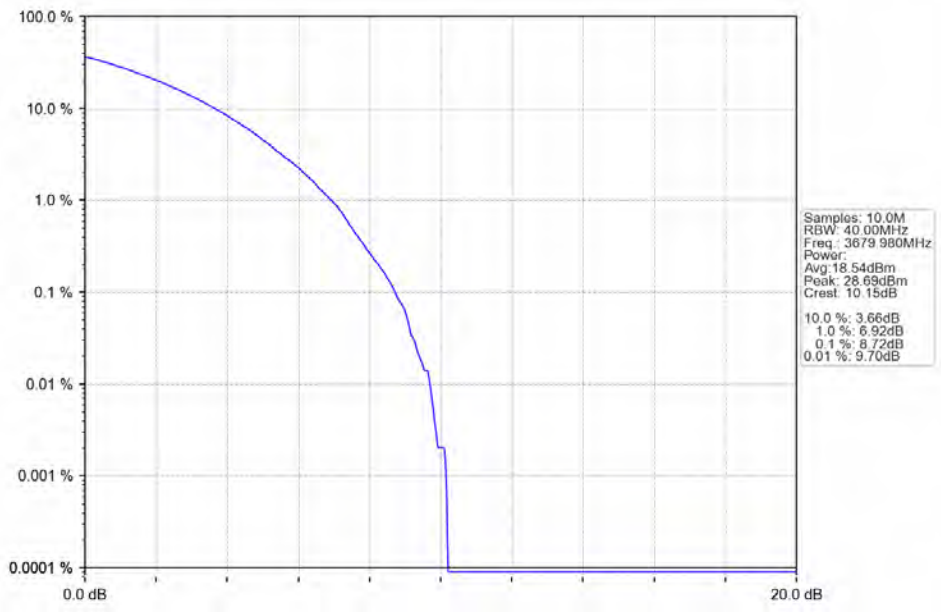
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Outer_Full_Ant1



6. Spurious Emission

6.1 Test Result

6.1.1 30k_SISO_10MHz_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3694.98	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3694.98	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3694.98	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

6.1.2 30k_SISO_20MHz_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3690	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass

		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph	Pass
	3690	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph	Pass
	3690	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

6.1.3 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3684.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3565.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3684.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3565.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3684.99	Edge_1RB_Left	Refer To Test Graph				Pass

		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Left	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

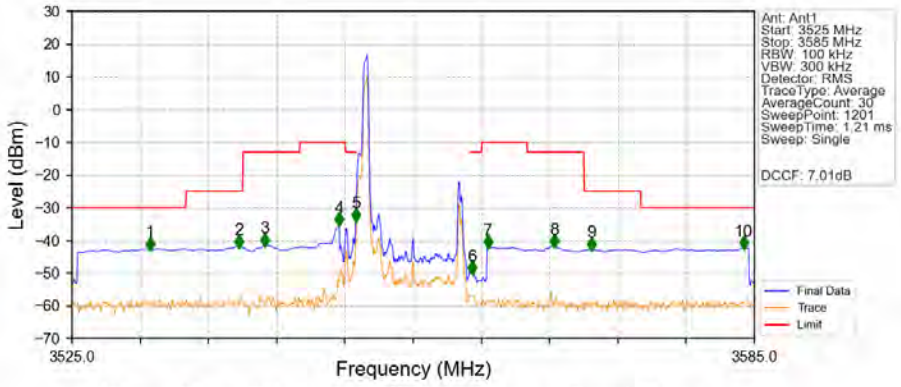
6.1.4 30k_SISO_40MHz_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3679.98	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3679.98	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3679.98	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

6.2 Test Graph

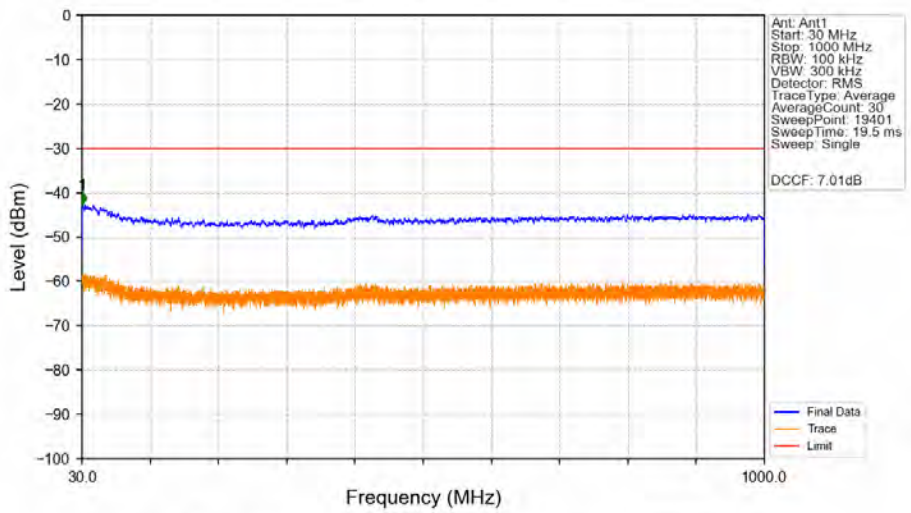
6.2.1 30k_SISO_10MHz_NTNV

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Edge_1RB_Left_Ant1



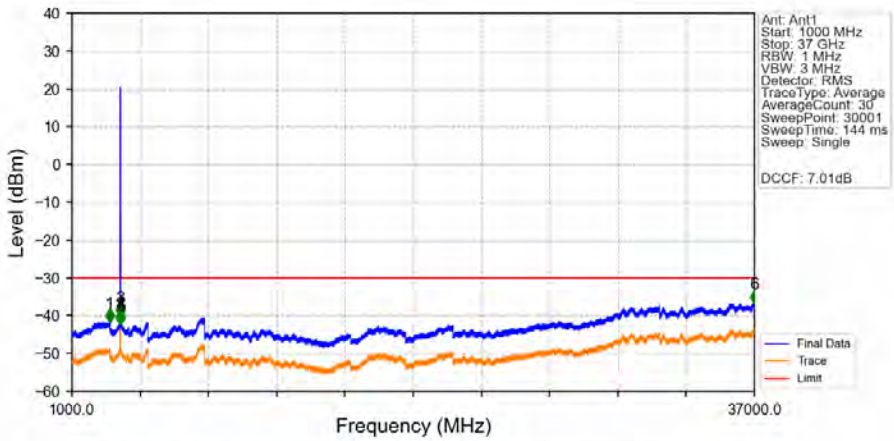
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3535	1	CHP	1	3531.850	-42.59	-30	Pass
3535	3540	1	CHP	2	3539.700	-41.91	-25	Pass
3540	3545	1	CHP	3	3541.950	-41.45	-13	Pass
3545	3549	1	CHP	4	3548.500	-35.16	-10	Pass
3549	3550	0.1	/	5	3549.950	-33.83	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	6	3560.200	-49.95	-13	Pass
3561	3565	1	CHP	7	3561.600	-42.04	-10	Pass
3565	3570	1	CHP	8	3567.400	-41.76	-13	Pass
3570	3575	1	CHP	9	3570.700	-42.72	-25	Pass
3575	3585	1	CHP	10	3584.050	-42.32	-30	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Edge_1RB_Left_Ant1



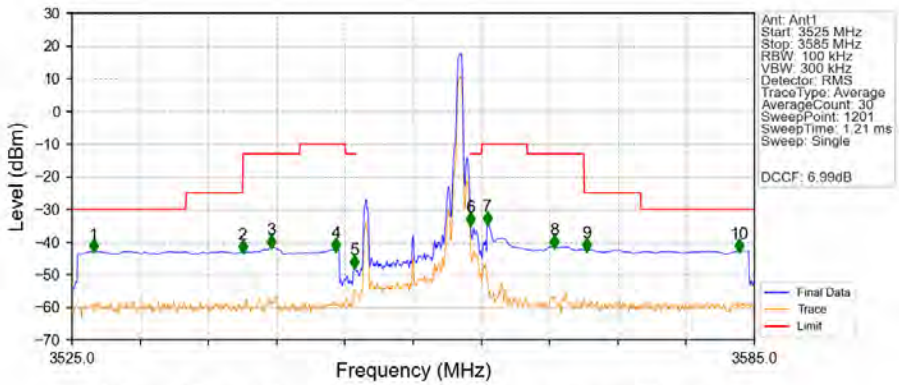
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	30.500	-42.74	-30	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Edge_1RB_Left_Ant1



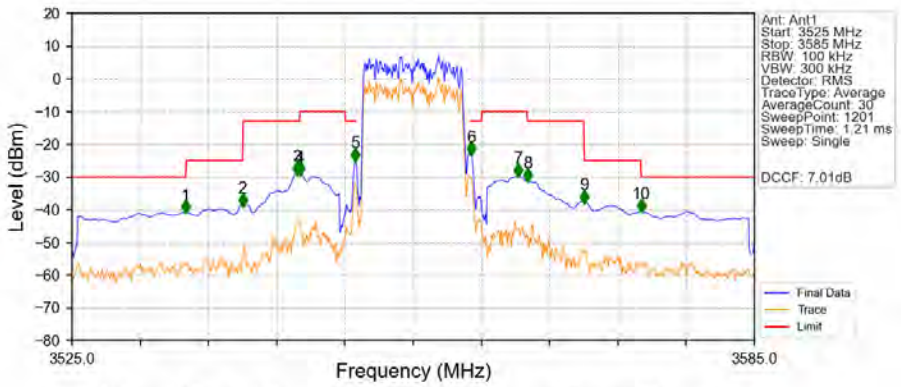
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3535	1	/	1	2994.400	-41.60	-30	Pass
3535	3540	1	/	2	3536.800	-41.85	-25	Pass
3540	3545	1	/	3	3541.600	-40.04	-13	Pass
3545	3565	1	/	/	/	/	/	/
3565	3570	1	/	4	3566.800	-41.70	-13	Pass
3570	3575	1	/	5	3574.000	-42.18	-25	Pass
3575	37000	1	/	6	36997.600	-36.51	-30	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Edge_1RB_Right_Ant1



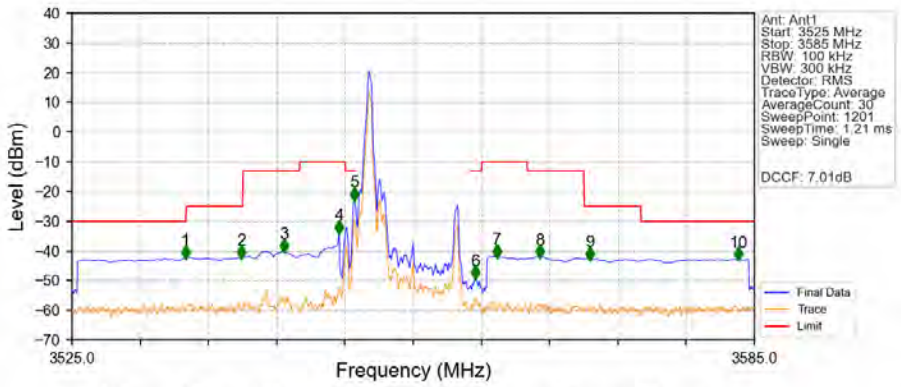
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3535	1	CHP	1	3526.900	-42.77	-30	Pass
3535	3540	1	CHP	2	3540.000	-42.96	-25	Pass
3540	3545	1	CHP	3	3542.500	-41.48	-13	Pass
3545	3549	1	CHP	4	3548.200	-42.49	-10	Pass
3549	3550	0.1	/	5	3549.800	-47.62	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	6	3560.050	-34.56	-13	Pass
3561	3565	1	CHP	7	3561.500	-34.20	-10	Pass
3565	3570	1	CHP	8	3567.400	-41.51	-13	Pass
3570	3575	1	CHP	9	3570.250	-42.33	-25	Pass
3575	3585	1	CHP	10	3583.650	-42.57	-30	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3535	1	CHP	1	3535.000	-40.70	-30	Pass
3535	3540	1	CHP	2	3540.000	-38.64	-25	Pass
3540	3545	1	CHP	3	3544.800	-29.04	-13	Pass
3545	3549	1	CHP	4	3545.050	-29.10	-10	Pass
3549	3550	0.1	/	5	3549.900	-24.84	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	6	3560.100	-22.90	-13	Pass
3561	3565	1	CHP	7	3564.250	-29.50	-10	Pass
3565	3570	1	CHP	8	3565.050	-30.84	-13	Pass
3570	3575	1	CHP	9	3570.050	-37.63	-25	Pass
3575	3585	1	CHP	10	3575.050	-40.33	-30	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Inner_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3535	1	CHP	1	3535.000	-42.18	-30	Pass
3535	3540	1	CHP	2	3539.900	-42.02	-25	Pass
3540	3545	1	CHP	3	3543.650	-39.96	-13	Pass
3545	3549	1	CHP	4	3548.500	-33.71	-10	Pass
3549	3550	0.1	/	5	3549.850	-22.47	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	6	3560.450	-49.04	-13	Pass
3561	3565	1	CHP	7	3562.350	-41.84	-10	Pass
3565	3570	1	CHP	8	3566.150	-41.96	-13	Pass
3570	3575	1	CHP	9	3570.500	-42.69	-25	Pass
3575	3585	1	CHP	10	3583.600	-42.75	-30	Pass