

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	23.75	/	/	20.42	/	/	<=38.45	Pass
		Edge_1RB_Right	23.75	/	/	20.42	/	/	<=38.45	Pass
		Outer_Full	23.71	/	/	20.38	/	/	<=38.45	Pass
		Inner_Full	24.23	/	/	20.90	/	/	<=38.45	Pass
		Inner_1RB_Left	24.31	/	/	20.98	/	/	<=38.45	Pass
		Inner_1RB_Right	24.27	/	/	20.94	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.76	/	/	20.43	/	/	<=38.45	Pass
		Edge_1RB_Right	23.74	/	/	20.41	/	/	<=38.45	Pass
		Outer_Full	23.74	/	/	20.41	/	/	<=38.45	Pass
		Inner_Full	24.28	/	/	20.95	/	/	<=38.45	Pass
		Inner_1RB_Left	24.21	/	/	20.88	/	/	<=38.45	Pass
		Inner_1RB_Right	24.26	/	/	20.93	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.66	/	/	20.33	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	20.15	/	/	<=38.45	Pass
		Outer_Full	23.60	/	/	20.27	/	/	<=38.45	Pass
		Inner_Full	24.12	/	/	20.79	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	20.91	/	/	<=38.45	Pass
		Inner_1RB_Right	24.06	/	/	20.73	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	23.36	/	/	20.03	/	/	<=38.45	Pass
		Edge_1RB_Right	23.30	/	/	19.97	/	/	<=38.45	Pass
		Outer_Full	23.30	/	/	19.97	/	/	<=38.45	Pass
		Inner_Full	24.20	/	/	20.87	/	/	<=38.45	Pass
		Inner_1RB_Left	24.32	/	/	20.99	/	/	<=38.45	Pass
		Inner_1RB_Right	24.27	/	/	20.94	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.22	/	/	19.89	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	20.08	/	/	<=38.45	Pass
		Outer_Full	23.23	/	/	19.90	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	20.80	/	/	<=38.45	Pass
		Inner_1RB_Left	24.25	/	/	20.92	/	/	<=38.45	Pass
		Inner_1RB_Right	24.36	/	/	21.03	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.31	/	/	19.98	/	/	<=38.45	Pass
		Edge_1RB_Right	23.10	/	/	19.77	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	19.82	/	/	<=38.45	Pass
		Inner_Full	24.08	/	/	20.75	/	/	<=38.45	Pass
		Inner_1RB_Left	24.19	/	/	20.86	/	/	<=38.45	Pass
		Inner_1RB_Right	24.00	/	/	20.67	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	22.35	/	/	19.02	/	/	<=38.45	Pass
		Edge_1RB_Right	22.29	/	/	18.96	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	19.02	/	/	<=38.45	Pass
		Inner_Full	23.35	/	/	20.02	/	/	<=38.45	Pass
		Inner_1RB_Left	23.32	/	/	19.99	/	/	<=38.45	Pass
		Inner_1RB_Right	23.25	/	/	19.92	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.27	/	/	18.94	/	/	<=38.45	Pass
		Edge_1RB_Right	22.33	/	/	19.00	/	/	<=38.45	Pass
		Outer_Full	22.23	/	/	18.90	/	/	<=38.45	Pass
		Inner_Full	23.34	/	/	20.01	/	/	<=38.45	Pass
		Inner_1RB_Left	23.20	/	/	19.87	/	/	<=38.45	Pass
		Inner_1RB_Right	23.31	/	/	19.98	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.25	/	/	18.92	/	/	<=38.45	Pass

		Edge_1RB_Right	22.03	/	/	18.70	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	18.84	/	/	<=38.45	Pass
		Inner_Full	23.17	/	/	19.84	/	/	<=38.45	Pass
		Inner_1RB_Left	23.17	/	/	19.84	/	/	<=38.45	Pass
		Inner_1RB_Right	22.94	/	/	19.61	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	22.04	/	/	18.71	/	/	<=38.45	Pass
		Edge_1RB_Right	22.00	/	/	18.67	/	/	<=38.45	Pass
		Outer_Full	21.76	/	/	18.43	/	/	<=38.45	Pass
		Inner_Full	21.89	/	/	18.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.00	/	/	18.67	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	22.00	/	/	18.67	/	/	<=38.45	Pass
		Edge_1RB_Left	21.94	/	/	18.61	/	/	<=38.45	Pass
		Edge_1RB_Right	21.89	/	/	18.56	/	/	<=38.45	Pass
		Outer_Full	21.65	/	/	18.32	/	/	<=38.45	Pass
		Inner_Full	21.73	/	/	18.40	/	/	<=38.45	Pass
	846.5	Inner_1RB_Left	21.83	/	/	18.50	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	18.69	/	/	<=38.45	Pass
		Edge_1RB_Left	21.95	/	/	18.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.73	/	/	18.40	/	/	<=38.45	Pass
		Outer_Full	21.69	/	/	18.36	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Inner_Full	21.67	/	/	18.34	/	/	<=38.45	Pass
		Inner_1RB_Left	21.91	/	/	18.58	/	/	<=38.45	Pass
		Inner_1RB_Right	21.75	/	/	18.42	/	/	<=38.45	Pass
		Edge_1RB_Left	19.30	/	/	15.97	/	/	<=38.45	Pass
		Edge_1RB_Right	19.24	/	/	15.91	/	/	<=38.45	Pass
	836.5	Outer_Full	19.76	/	/	16.43	/	/	<=38.45	Pass
		Inner_Full	19.75	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	19.28	/	/	15.95	/	/	<=38.45	Pass
		Inner_1RB_Right	19.20	/	/	15.87	/	/	<=38.45	Pass
		Edge_1RB_Left	19.17	/	/	15.84	/	/	<=38.45	Pass
	846.5	Edge_1RB_Right	19.32	/	/	15.99	/	/	<=38.45	Pass
		Outer_Full	19.68	/	/	16.35	/	/	<=38.45	Pass
		Inner_Full	19.70	/	/	16.37	/	/	<=38.45	Pass
		Inner_1RB_Left	19.23	/	/	15.90	/	/	<=38.45	Pass
		Inner_1RB_Right	19.32	/	/	15.99	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	19.17	/	/	15.84	/	/	<=38.45	Pass
		Edge_1RB_Right	19.01	/	/	15.68	/	/	<=38.45	Pass
		Outer_Full	19.52	/	/	16.19	/	/	<=38.45	Pass
		Inner_Full	19.55	/	/	16.22	/	/	<=38.45	Pass
		Inner_1RB_Left	19.13	/	/	15.80	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	19.00	/	/	15.67	/	/	<=38.45	Pass
		Edge_1RB_Left	21.34	/	/	18.01	/	/	<=38.45	Pass
		Edge_1RB_Right	21.29	/	/	17.96	/	/	<=38.45	Pass
		Outer_Full	21.28	/	/	17.95	/	/	<=38.45	Pass
		Inner_Full	22.66	/	/	19.33	/	/	<=38.45	Pass
	846.5	Inner_1RB_Left	22.70	/	/	19.37	/	/	<=38.45	Pass
		Inner_1RB_Right	22.78	/	/	19.45	/	/	<=38.45	Pass
		Edge_1RB_Left	21.35	/	/	18.02	/	/	<=38.45	Pass
		Edge_1RB_Right	21.30	/	/	17.97	/	/	<=38.45	Pass
		Outer_Full	21.18	/	/	17.85	/	/	<=38.45	Pass
	826.5	Inner_Full	22.62	/	/	19.29	/	/	<=38.45	Pass
		Inner_1RB_Left	22.71	/	/	19.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.90	/	/	19.57	/	/	<=38.45	Pass
		Edge_1RB_Left	21.26	/	/	17.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	17.74	/	/	<=38.45	Pass
	836.5	Outer_Full	21.09	/	/	17.76	/	/	<=38.45	Pass
		Inner_Full	22.53	/	/	19.20	/	/	<=38.45	Pass
		Inner_1RB_Left	22.71	/	/	19.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	19.08	/	/	<=38.45	Pass
		Edge_1RB_Left	21.26	/	/	17.93	/	/	<=38.45	Pass
	846.5	Edge_1RB_Right	21.07	/	/	17.74	/	/	<=38.45	Pass
		Outer_Full	21.09	/	/	17.76	/	/	<=38.45	Pass
		Inner_Full	22.53	/	/	19.20	/	/	<=38.45	Pass
		Inner_1RB_Left	22.71	/	/	19.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.41	/	/	19.08	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.26	/	/	17.93	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	17.86	/	/	<=38.45	Pass
		Outer_Full	21.32	/	/	17.99	/	/	<=38.45	Pass
		Inner_Full	22.12	/	/	18.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.42	/	/	19.09	/	/	<=38.45	Pass
		Inner_1RB_Right	22.31	/	/	18.98	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.15	/	/	17.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.79	/	/	18.46	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	17.94	/	/	<=38.45	Pass
		Inner_Full	22.15	/	/	18.82	/	/	<=38.45	Pass
		Inner_1RB_Left	22.02	/	/	18.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	18.85	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.18	/	/	17.85	/	/	<=38.45	Pass
		Edge_1RB_Right	20.96	/	/	17.63	/	/	<=38.45	Pass
		Outer_Full	21.15	/	/	17.82	/	/	<=38.45	Pass
		Inner_Full	22.06	/	/	18.73	/	/	<=38.45	Pass
		Inner_1RB_Left	22.22	/	/	18.89	/	/	<=38.45	Pass
		Inner_1RB_Right	22.01	/	/	18.68	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.95	/	/	17.62	/	/	<=38.45	Pass
		Edge_1RB_Right	20.83	/	/	17.50	/	/	<=38.45	Pass
		Outer_Full	20.79	/	/	17.46	/	/	<=38.45	Pass
		Inner_Full	20.92	/	/	17.59	/	/	<=38.45	Pass
		Inner_1RB_Left	20.90	/	/	17.57	/	/	<=38.45	Pass
		Inner_1RB_Right	20.79	/	/	17.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.85	/	/	17.52	/	/	<=38.45	Pass
		Edge_1RB_Right	20.97	/	/	17.64	/	/	<=38.45	Pass
		Outer_Full	20.73	/	/	17.40	/	/	<=38.45	Pass
		Inner_Full	20.75	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Left	20.75	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Right	20.97	/	/	17.64	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.81	/	/	17.48	/	/	<=38.45	Pass
		Edge_1RB_Right	20.59	/	/	17.26	/	/	<=38.45	Pass
		Outer_Full	20.64	/	/	17.31	/	/	<=38.45	Pass
		Inner_Full	20.68	/	/	17.35	/	/	<=38.45	Pass
		Inner_1RB_Left	20.73	/	/	17.40	/	/	<=38.45	Pass
		Inner_1RB_Right	20.60	/	/	17.27	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.33	/	/	14.00	/	/	<=38.45	Pass
		Edge_1RB_Right	17.27	/	/	13.94	/	/	<=38.45	Pass
		Outer_Full	17.65	/	/	14.32	/	/	<=38.45	Pass
		Inner_Full	17.76	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Left	17.23	/	/	13.90	/	/	<=38.45	Pass
		Inner_1RB_Right	17.18	/	/	13.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.25	/	/	13.92	/	/	<=38.45	Pass
		Edge_1RB_Right	17.38	/	/	14.05	/	/	<=38.45	Pass
		Outer_Full	17.72	/	/	14.39	/	/	<=38.45	Pass
		Inner_Full	17.70	/	/	14.37	/	/	<=38.45	Pass
		Inner_1RB_Left	17.35	/	/	14.02	/	/	<=38.45	Pass
		Inner_1RB_Right	17.43	/	/	14.10	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.33	/	/	14.00	/	/	<=38.45	Pass
		Edge_1RB_Right	17.12	/	/	13.79	/	/	<=38.45	Pass
		Outer_Full	17.67	/	/	14.34	/	/	<=38.45	Pass
		Inner_Full	17.62	/	/	14.29	/	/	<=38.45	Pass
		Inner_1RB_Left	17.30	/	/	13.97	/	/	<=38.45	Pass
		Inner_1RB_Right	17.02	/	/	13.69	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: -1.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge 1RB Left	23.71	/	/	20.38	/	/	<=38.45	Pass
		Edge 1RB Right	23.60	/	/	20.27	/	/	<=38.45	Pass
		Outer Full	23.66	/	/	20.33	/	/	<=38.45	Pass
		Inner Full	24.17	/	/	20.84	/	/	<=38.45	Pass
		Inner 1RB Left	24.17	/	/	20.84	/	/	<=38.45	Pass
		Inner 1RB Right	24.09	/	/	20.76	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.58	/	/	20.25	/	/	<=38.45	Pass
		Edge 1RB Right	23.79	/	/	20.46	/	/	<=38.45	Pass
		Outer Full	23.73	/	/	20.40	/	/	<=38.45	Pass
		Inner Full	24.31	/	/	20.98	/	/	<=38.45	Pass
		Inner 1RB Left	24.11	/	/	20.78	/	/	<=38.45	Pass
		Inner 1RB Right	24.18	/	/	20.85	/	/	<=38.45	Pass
	844	Edge 1RB Left	23.67	/	/	20.34	/	/	<=38.45	Pass
		Edge 1RB Right	23.41	/	/	20.08	/	/	<=38.45	Pass
		Outer Full	23.64	/	/	20.31	/	/	<=38.45	Pass
		Inner Full	24.12	/	/	20.79	/	/	<=38.45	Pass
		Inner 1RB Left	24.21	/	/	20.88	/	/	<=38.45	Pass
		Inner 1RB Right	23.90	/	/	20.57	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge 1RB Left	23.17	/	/	19.84	/	/	<=38.45	Pass
		Edge 1RB Right	23.14	/	/	19.81	/	/	<=38.45	Pass
		Outer Full	23.17	/	/	19.84	/	/	<=38.45	Pass
		Inner Full	24.11	/	/	20.78	/	/	<=38.45	Pass
		Inner 1RB Left	24.20	/	/	20.87	/	/	<=38.45	Pass
		Inner 1RB Right	24.13	/	/	20.80	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.13	/	/	19.80	/	/	<=38.45	Pass
		Edge 1RB Right	23.23	/	/	19.90	/	/	<=38.45	Pass
		Outer Full	23.14	/	/	19.81	/	/	<=38.45	Pass
		Inner Full	24.19	/	/	20.86	/	/	<=38.45	Pass
		Inner 1RB Left	24.06	/	/	20.73	/	/	<=38.45	Pass
		Inner 1RB Right	24.26	/	/	20.93	/	/	<=38.45	Pass
	844	Edge 1RB Left	23.22	/	/	19.89	/	/	<=38.45	Pass
		Edge 1RB Right	22.91	/	/	19.58	/	/	<=38.45	Pass
		Outer Full	23.12	/	/	19.79	/	/	<=38.45	Pass
		Inner Full	24.15	/	/	20.82	/	/	<=38.45	Pass
		Inner 1RB Left	24.14	/	/	20.81	/	/	<=38.45	Pass
		Inner 1RB Right	23.94	/	/	20.61	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge 1RB Left	22.25	/	/	18.92	/	/	<=38.45	Pass
		Edge 1RB Right	22.18	/	/	18.85	/	/	<=38.45	Pass
		Outer Full	22.16	/	/	18.83	/	/	<=38.45	Pass
		Inner Full	23.23	/	/	19.90	/	/	<=38.45	Pass
		Inner 1RB Left	23.15	/	/	19.82	/	/	<=38.45	Pass
		Inner 1RB Right	23.09	/	/	19.76	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.15	/	/	18.82	/	/	<=38.45	Pass
		Edge 1RB Right	22.23	/	/	18.90	/	/	<=38.45	Pass
		Outer Full	22.25	/	/	18.92	/	/	<=38.45	Pass
		Inner Full	23.21	/	/	19.88	/	/	<=38.45	Pass
		Inner 1RB Left	23.13	/	/	19.80	/	/	<=38.45	Pass
		Inner 1RB Right	23.22	/	/	19.89	/	/	<=38.45	Pass
	844	Edge 1RB Left	22.28	/	/	18.95	/	/	<=38.45	Pass
		Edge 1RB Right	21.91	/	/	18.58	/	/	<=38.45	Pass
		Outer Full	22.17	/	/	18.84	/	/	<=38.45	Pass
		Inner Full	23.21	/	/	19.88	/	/	<=38.45	Pass
		Inner 1RB Left	23.25	/	/	19.92	/	/	<=38.45	Pass
		Inner 1RB Right	22.96	/	/	19.63	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Edge 1RB Left	21.88	/	/	18.55	/	/	<=38.45	Pass
		Edge 1RB Right	21.78	/	/	18.45	/	/	<=38.45	Pass

		Outer_Full	21.76	/	/	18.43	/	/	<=38.45	Pass
		Inner_Full	21.71	/	/	18.38	/	/	<=38.45	Pass
		Inner_1RB_Left	21.95	/	/	18.62	/	/	<=38.45	Pass
		Inner_1RB_Right	21.85	/	/	18.52	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.89	/	/	18.56	/	/	<=38.45	Pass
		Edge_1RB_Right	21.86	/	/	18.53	/	/	<=38.45	Pass
		Outer_Full	21.73	/	/	18.40	/	/	<=38.45	Pass
		Inner_Full	21.70	/	/	18.37	/	/	<=38.45	Pass
		Inner_1RB_Left	21.76	/	/	18.43	/	/	<=38.45	Pass
		Inner_1RB_Right	21.92	/	/	18.59	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.96	/	/	18.63	/	/	<=38.45	Pass
		Edge_1RB_Right	21.64	/	/	18.31	/	/	<=38.45	Pass
		Outer_Full	21.77	/	/	18.44	/	/	<=38.45	Pass
		Inner_Full	21.74	/	/	18.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.81	/	/	18.48	/	/	<=38.45	Pass
		Inner_1RB_Right	21.69	/	/	18.36	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.13	/	/	15.80	/	/	<=38.45	Pass
		Edge_1RB_Right	19.09	/	/	15.76	/	/	<=38.45	Pass
		Outer_Full	19.64	/	/	16.31	/	/	<=38.45	Pass
		Inner_Full	19.57	/	/	16.24	/	/	<=38.45	Pass
		Inner_1RB_Left	19.14	/	/	15.81	/	/	<=38.45	Pass
		Inner_1RB_Right	19.08	/	/	15.75	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.14	/	/	15.81	/	/	<=38.45	Pass
		Edge_1RB_Right	19.23	/	/	15.90	/	/	<=38.45	Pass
		Outer_Full	19.61	/	/	16.28	/	/	<=38.45	Pass
		Inner_Full	19.71	/	/	16.38	/	/	<=38.45	Pass
		Inner_1RB_Left	19.07	/	/	15.74	/	/	<=38.45	Pass
		Inner_1RB_Right	19.22	/	/	15.89	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.18	/	/	15.85	/	/	<=38.45	Pass
		Edge_1RB_Right	18.83	/	/	15.50	/	/	<=38.45	Pass
		Outer_Full	19.64	/	/	16.31	/	/	<=38.45	Pass
		Inner_Full	19.60	/	/	16.27	/	/	<=38.45	Pass
		Inner_1RB_Left	19.22	/	/	15.89	/	/	<=38.45	Pass
		Inner_1RB_Right	18.94	/	/	15.61	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	21.29	/	/	17.96	/	/	<=38.45	Pass
		Edge_1RB_Right	21.19	/	/	17.86	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	17.81	/	/	<=38.45	Pass
		Inner_Full	22.66	/	/	19.33	/	/	<=38.45	Pass
		Inner_1RB_Left	22.68	/	/	19.35	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	19.29	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.18	/	/	17.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.27	/	/	17.94	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	17.96	/	/	<=38.45	Pass
		Inner_Full	22.71	/	/	19.38	/	/	<=38.45	Pass
		Inner_1RB_Left	22.57	/	/	19.24	/	/	<=38.45	Pass
		Inner_1RB_Right	22.70	/	/	19.37	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.32	/	/	17.99	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	17.71	/	/	<=38.45	Pass
		Outer_Full	21.13	/	/	17.80	/	/	<=38.45	Pass
		Inner_Full	22.55	/	/	19.22	/	/	<=38.45	Pass
		Inner_1RB_Left	22.65	/	/	19.32	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	19.07	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	21.19	/	/	17.86	/	/	<=38.45	Pass
		Edge_1RB_Right	21.16	/	/	17.83	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	17.81	/	/	<=38.45	Pass
		Inner_Full	22.17	/	/	18.84	/	/	<=38.45	Pass
		Inner_1RB_Left	22.17	/	/	18.84	/	/	<=38.45	Pass
		Inner_1RB_Right	22.17	/	/	18.84	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.06	/	/	17.73	/	/	<=38.45	Pass

		Edge_1RB_Right	21.27	/	/	17.94	/	/	<=38.45	Pass
		Outer_Full	21.25	/	/	17.92	/	/	<=38.45	Pass
		Inner_Full	22.34	/	/	19.01	/	/	<=38.45	Pass
		Inner_1RB_Left	22.19	/	/	18.86	/	/	<=38.45	Pass
		Inner_1RB_Right	22.30	/	/	18.97	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.39	/	/	18.06	/	/	<=38.45	Pass
		Edge_1RB_Right	20.93	/	/	17.60	/	/	<=38.45	Pass
		Outer_Full	21.21	/	/	17.88	/	/	<=38.45	Pass
		Inner_Full	22.15	/	/	18.82	/	/	<=38.45	Pass
		Inner_1RB_Left	22.17	/	/	18.84	/	/	<=38.45	Pass
	Inner_1RB_Right	21.89	/	/	18.56	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.80	/	/	17.47	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	17.33	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	17.42	/	/	<=38.45	Pass
		Inner_Full	20.74	/	/	17.41	/	/	<=38.45	Pass
		Inner_1RB_Left	20.79	/	/	17.46	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	17.35	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.71	/	/	17.38	/	/	<=38.45	Pass
		Edge_1RB_Right	20.89	/	/	17.56	/	/	<=38.45	Pass
		Outer_Full	20.76	/	/	17.43	/	/	<=38.45	Pass
		Inner_Full	20.76	/	/	17.43	/	/	<=38.45	Pass
		Inner_1RB_Left	20.82	/	/	17.49	/	/	<=38.45	Pass
		Inner_1RB_Right	20.83	/	/	17.50	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.78	/	/	17.45	/	/	<=38.45	Pass
		Edge_1RB_Right	20.47	/	/	17.14	/	/	<=38.45	Pass
		Outer_Full	20.64	/	/	17.31	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	17.40	/	/	<=38.45	Pass
		Inner_1RB_Left	20.75	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Right	20.49	/	/	17.16	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.28	/	/	13.95	/	/	<=38.45	Pass
		Edge_1RB_Right	17.15	/	/	13.82	/	/	<=38.45	Pass
		Outer_Full	17.73	/	/	14.40	/	/	<=38.45	Pass
		Inner_Full	17.66	/	/	14.33	/	/	<=38.45	Pass
		Inner_1RB_Left	17.34	/	/	14.01	/	/	<=38.45	Pass
		Inner_1RB_Right	17.22	/	/	13.89	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.25	/	/	13.92	/	/	<=38.45	Pass
		Edge_1RB_Right	17.47	/	/	14.14	/	/	<=38.45	Pass
		Outer_Full	17.70	/	/	14.37	/	/	<=38.45	Pass
		Inner_Full	17.73	/	/	14.40	/	/	<=38.45	Pass
		Inner_1RB_Left	17.28	/	/	13.95	/	/	<=38.45	Pass
		Inner_1RB_Right	17.41	/	/	14.08	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.22	/	/	13.89	/	/	<=38.45	Pass
		Edge_1RB_Right	17.59	/	/	14.26	/	/	<=38.45	Pass
		Outer_Full	17.58	/	/	14.25	/	/	<=38.45	Pass
Inner_Full		17.63	/	/	14.30	/	/	<=38.45	Pass	
Inner_1RB_Left		17.85	/	/	14.52	/	/	<=38.45	Pass	
	Inner_1RB_Right	17.64	/	/	14.31	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -1.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	23.66	/	/	20.33	/	/	<=38.45	Pass
		Edge_1RB_Right	23.66	/	/	20.33	/	/	<=38.45	Pass
		Outer_Full	23.61	/	/	20.28	/	/	<=38.45	Pass

		Inner_Full	24.15	/	/	20.82	/	/	<=38.45	Pass
		Inner_1RB_Left	24.22	/	/	20.89	/	/	<=38.45	Pass
		Inner_1RB_Right	24.19	/	/	20.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.68	/	/	20.35	/	/	<=38.45	Pass
		Edge_1RB_Right	23.64	/	/	20.31	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	20.30	/	/	<=38.45	Pass
		Inner_Full	24.17	/	/	20.84	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	20.84	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	20.82	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.30	/	/	15.97	/	/	<=38.45	Pass
		Edge_1RB_Right	19.60	/	/	16.27	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	20.30	/	/	<=38.45	Pass
		Inner_Full	24.10	/	/	20.77	/	/	<=38.45	Pass
		Inner_1RB_Left	24.12	/	/	20.79	/	/	<=38.45	Pass
		Inner_1RB_Right	23.84	/	/	20.51	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	23.25	/	/	19.92	/	/	<=38.45	Pass
		Edge_1RB_Right	23.10	/	/	19.77	/	/	<=38.45	Pass
		Outer_Full	23.16	/	/	19.83	/	/	<=38.45	Pass
		Inner_Full	24.15	/	/	20.82	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	20.91	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	20.82	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.26	/	/	19.93	/	/	<=38.45	Pass
		Edge_1RB_Right	23.18	/	/	19.85	/	/	<=38.45	Pass
		Outer_Full	23.16	/	/	19.83	/	/	<=38.45	Pass
		Inner_Full	24.22	/	/	20.89	/	/	<=38.45	Pass
		Inner_1RB_Left	24.21	/	/	20.88	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	20.82	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.16	/	/	19.83	/	/	<=38.45	Pass
		Edge_1RB_Right	22.87	/	/	19.54	/	/	<=38.45	Pass
		Outer_Full	23.07	/	/	19.74	/	/	<=38.45	Pass
		Inner_Full	24.13	/	/	20.80	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	20.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.89	/	/	20.56	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	22.19	/	/	18.86	/	/	<=38.45	Pass
		Edge_1RB_Right	22.19	/	/	18.86	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	18.85	/	/	<=38.45	Pass
		Inner_Full	23.15	/	/	19.82	/	/	<=38.45	Pass
		Inner_1RB_Left	23.15	/	/	19.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.13	/	/	19.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.23	/	/	18.90	/	/	<=38.45	Pass
		Edge_1RB_Right	22.18	/	/	18.85	/	/	<=38.45	Pass
		Outer_Full	22.23	/	/	18.90	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	19.93	/	/	<=38.45	Pass
		Inner_1RB_Left	23.17	/	/	19.84	/	/	<=38.45	Pass
		Inner_1RB_Right	23.09	/	/	19.76	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.17	/	/	18.84	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	18.52	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	18.85	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	19.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.13	/	/	19.80	/	/	<=38.45	Pass
		Inner_1RB_Right	22.82	/	/	19.49	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.88	/	/	18.55	/	/	<=38.45	Pass
		Edge_1RB_Right	21.75	/	/	18.42	/	/	<=38.45	Pass
		Outer_Full	21.67	/	/	18.34	/	/	<=38.45	Pass
		Inner_Full	21.74	/	/	18.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.98	/	/	18.65	/	/	<=38.45	Pass
		Inner_1RB_Right	21.90	/	/	18.57	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.91	/	/	18.58	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	18.52	/	/	<=38.45	Pass

		Outer_Full	21.78	/	/	18.45	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	18.43	/	/	<=38.45	Pass
		Inner_1RB_Left	21.90	/	/	18.57	/	/	<=38.45	Pass
		Inner_1RB_Right	21.84	/	/	18.51	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.91	/	/	18.58	/	/	<=38.45	Pass
		Edge_1RB_Right	21.62	/	/	18.29	/	/	<=38.45	Pass
		Outer_Full	21.70	/	/	18.37	/	/	<=38.45	Pass
		Inner_Full	21.71	/	/	18.38	/	/	<=38.45	Pass
		Inner_1RB_Left	21.87	/	/	18.54	/	/	<=38.45	Pass
		Inner_1RB_Right	21.55	/	/	18.22	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.23	/	/	15.90	/	/	<=38.45	Pass
		Edge_1RB_Right	19.22	/	/	15.89	/	/	<=38.45	Pass
		Outer_Full	19.63	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	19.59	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Left	19.19	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Right	19.20	/	/	15.87	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.15	/	/	15.82	/	/	<=38.45	Pass
		Edge_1RB_Right	19.17	/	/	15.84	/	/	<=38.45	Pass
		Outer_Full	19.61	/	/	16.28	/	/	<=38.45	Pass
		Inner_Full	19.64	/	/	16.31	/	/	<=38.45	Pass
		Inner_1RB_Left	19.21	/	/	15.88	/	/	<=38.45	Pass
		Inner_1RB_Right	19.13	/	/	15.80	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.15	/	/	15.82	/	/	<=38.45	Pass
		Edge_1RB_Right	18.83	/	/	15.50	/	/	<=38.45	Pass
		Outer_Full	19.61	/	/	16.28	/	/	<=38.45	Pass
		Inner_Full	19.61	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Left	19.22	/	/	15.89	/	/	<=38.45	Pass
		Inner_1RB_Right	18.83	/	/	15.50	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.25	/	/	17.92	/	/	<=38.45	Pass
		Edge_1RB_Right	21.15	/	/	17.82	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	17.87	/	/	<=38.45	Pass
		Inner_Full	22.64	/	/	19.31	/	/	<=38.45	Pass
		Inner_1RB_Left	22.70	/	/	19.37	/	/	<=38.45	Pass
		Inner_1RB_Right	22.59	/	/	19.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.24	/	/	17.91	/	/	<=38.45	Pass
		Edge_1RB_Right	21.15	/	/	17.82	/	/	<=38.45	Pass
		Outer_Full	21.23	/	/	17.90	/	/	<=38.45	Pass
		Inner_Full	22.64	/	/	19.31	/	/	<=38.45	Pass
		Inner_1RB_Left	22.71	/	/	19.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.66	/	/	19.33	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.21	/	/	17.88	/	/	<=38.45	Pass
		Edge_1RB_Right	20.93	/	/	17.60	/	/	<=38.45	Pass
		Outer_Full	21.20	/	/	17.87	/	/	<=38.45	Pass
		Inner_Full	22.73	/	/	19.40	/	/	<=38.45	Pass
		Inner_1RB_Left	22.65	/	/	19.32	/	/	<=38.45	Pass
		Inner_1RB_Right	22.35	/	/	19.02	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.24	/	/	17.91	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	17.85	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	17.79	/	/	<=38.45	Pass
		Inner_Full	22.24	/	/	18.91	/	/	<=38.45	Pass
		Inner_1RB_Left	22.23	/	/	18.90	/	/	<=38.45	Pass
		Inner_1RB_Right	22.26	/	/	18.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.22	/	/	17.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.13	/	/	17.80	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	17.84	/	/	<=38.45	Pass
		Inner_Full	22.31	/	/	18.98	/	/	<=38.45	Pass
		Inner_1RB_Left	22.11	/	/	18.78	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	18.85	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.07	/	/	17.74	/	/	<=38.45	Pass

		Edge_1RB_Right	20.84	/	/	17.51	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	17.79	/	/	<=38.45	Pass
		Inner_Full	22.20	/	/	18.87	/	/	<=38.45	Pass
		Inner_1RB_Left	22.21	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Right	21.87	/	/	18.54	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.77	/	/	17.44	/	/	<=38.45	Pass
		Edge_1RB_Right	20.73	/	/	17.40	/	/	<=38.45	Pass
		Outer_Full	20.67	/	/	17.34	/	/	<=38.45	Pass
		Inner_Full	20.65	/	/	17.32	/	/	<=38.45	Pass
		Inner_1RB_Left	20.76	/	/	17.43	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	20.77	/	/	17.44	/	/	<=38.45	Pass
		Edge_1RB_Left	20.81	/	/	17.48	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	17.37	/	/	<=38.45	Pass
		Outer_Full	20.73	/	/	17.40	/	/	<=38.45	Pass
		Inner_Full	20.70	/	/	17.37	/	/	<=38.45	Pass
	841.5	Inner_1RB_Left	20.81	/	/	17.48	/	/	<=38.45	Pass
		Inner_1RB_Right	20.74	/	/	17.41	/	/	<=38.45	Pass
		Edge_1RB_Left	20.74	/	/	17.41	/	/	<=38.45	Pass
		Edge_1RB_Right	20.51	/	/	17.18	/	/	<=38.45	Pass
		Outer_Full	20.59	/	/	17.26	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Inner_Full	20.59	/	/	17.26	/	/	<=38.45	Pass
		Inner_1RB_Left	20.74	/	/	17.41	/	/	<=38.45	Pass
		Inner_1RB_Right	20.50	/	/	17.17	/	/	<=38.45	Pass
		Edge_1RB_Left	17.33	/	/	14.00	/	/	<=38.45	Pass
		Edge_1RB_Right	17.30	/	/	13.97	/	/	<=38.45	Pass
	836.5	Outer_Full	17.67	/	/	14.34	/	/	<=38.45	Pass
		Inner_Full	17.64	/	/	14.31	/	/	<=38.45	Pass
		Inner_1RB_Left	17.30	/	/	13.97	/	/	<=38.45	Pass
		Inner_1RB_Right	17.97	/	/	14.64	/	/	<=38.45	Pass
		Edge_1RB_Left	17.31	/	/	13.98	/	/	<=38.45	Pass
	841.5	Edge_1RB_Right	17.29	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	17.67	/	/	14.34	/	/	<=38.45	Pass
		Inner_Full	17.66	/	/	14.33	/	/	<=38.45	Pass
		Inner_1RB_Left	17.26	/	/	13.93	/	/	<=38.45	Pass
		Inner_1RB_Right	17.21	/	/	13.88	/	/	<=38.45	Pass
		Edge_1RB_Left	17.32	/	/	13.99	/	/	<=38.45	Pass
		Edge_1RB_Right	17.06	/	/	13.73	/	/	<=38.45	Pass
		Outer_Full	17.56	/	/	14.23	/	/	<=38.45	Pass
		Inner_Full	17.55	/	/	14.22	/	/	<=38.45	Pass
		Inner_1RB_Left	17.34	/	/	14.01	/	/	<=38.45	Pass
			Inner_1RB_Right	17.06	/	/	13.73	/	/	<=38.45
Note1: Antenna Gain: Ant1: -1.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	23.64	/	/	20.31	/	/	<=38.45	Pass
		Edge_1RB_Right	23.50	/	/	20.17	/	/	<=38.45	Pass
		Outer_Full	23.66	/	/	20.33	/	/	<=38.45	Pass
		Inner_Full	24.09	/	/	20.76	/	/	<=38.45	Pass
		Inner_1RB_Left	24.16	/	/	20.83	/	/	<=38.45	Pass
	836.5	Inner_1RB_Right	24.09	/	/	20.76	/	/	<=38.45	Pass
		Edge_1RB_Left	23.65	/	/	20.32	/	/	<=38.45	Pass
		Edge_1RB_Right	23.55	/	/	20.22	/	/	<=38.45	Pass
		Outer_Full	23.71	/	/	20.38	/	/	<=38.45	Pass

		Inner_Full	24.25	/	/	20.92	/	/	<=38.45	Pass
		Inner_1RB_Left	24.22	/	/	20.89	/	/	<=38.45	Pass
		Inner_1RB_Right	24.01	/	/	20.68	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.07	/	/	19.74	/	/	<=38.45	Pass
		Edge_1RB_Right	22.84	/	/	19.51	/	/	<=38.45	Pass
		Outer_Full	23.67	/	/	20.34	/	/	<=38.45	Pass
		Inner_Full	24.21	/	/	20.88	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	20.80	/	/	<=38.45	Pass
		Inner_1RB_Right	23.94	/	/	20.61	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.20	/	/	19.87	/	/	<=38.45	Pass
		Edge_1RB_Right	23.10	/	/	19.77	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	19.82	/	/	<=38.45	Pass
		Inner_Full	24.07	/	/	20.74	/	/	<=38.45	Pass
		Inner_1RB_Left	24.14	/	/	20.81	/	/	<=38.45	Pass
		Inner_1RB_Right	24.07	/	/	20.74	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.25	/	/	19.92	/	/	<=38.45	Pass
		Edge_1RB_Right	23.11	/	/	19.78	/	/	<=38.45	Pass
		Outer_Full	23.21	/	/	19.88	/	/	<=38.45	Pass
		Inner_Full	24.22	/	/	20.89	/	/	<=38.45	Pass
		Inner_1RB_Left	24.27	/	/	20.94	/	/	<=38.45	Pass
		Inner_1RB_Right	24.09	/	/	20.76	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.10	/	/	19.77	/	/	<=38.45	Pass
		Edge_1RB_Right	22.94	/	/	19.61	/	/	<=38.45	Pass
		Outer_Full	23.23	/	/	19.90	/	/	<=38.45	Pass
		Inner_Full	24.09	/	/	20.76	/	/	<=38.45	Pass
		Inner_1RB_Left	24.15	/	/	20.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.90	/	/	20.57	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.21	/	/	18.88	/	/	<=38.45	Pass
		Edge_1RB_Right	22.03	/	/	18.70	/	/	<=38.45	Pass
		Outer_Full	22.17	/	/	18.84	/	/	<=38.45	Pass
		Inner_Full	23.11	/	/	19.78	/	/	<=38.45	Pass
		Inner_1RB_Left	23.15	/	/	19.82	/	/	<=38.45	Pass
		Inner_1RB_Right	23.05	/	/	19.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.24	/	/	18.91	/	/	<=38.45	Pass
		Edge_1RB_Right	22.11	/	/	18.78	/	/	<=38.45	Pass
		Outer_Full	22.25	/	/	18.92	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	19.95	/	/	<=38.45	Pass
		Inner_1RB_Left	23.19	/	/	19.86	/	/	<=38.45	Pass
		Inner_1RB_Right	23.08	/	/	19.75	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.22	/	/	18.89	/	/	<=38.45	Pass
		Edge_1RB_Right	21.89	/	/	18.56	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	18.83	/	/	<=38.45	Pass
		Inner_Full	23.22	/	/	19.89	/	/	<=38.45	Pass
		Inner_1RB_Left	23.11	/	/	19.78	/	/	<=38.45	Pass
		Inner_1RB_Right	22.86	/	/	19.53	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.92	/	/	18.59	/	/	<=38.45	Pass
		Edge_1RB_Right	21.76	/	/	18.43	/	/	<=38.45	Pass
		Outer_Full	21.71	/	/	18.38	/	/	<=38.45	Pass
		Inner_Full	21.69	/	/	18.36	/	/	<=38.45	Pass
		Inner_1RB_Left	21.86	/	/	18.53	/	/	<=38.45	Pass
		Inner_1RB_Right	21.78	/	/	18.45	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.83	/	/	18.50	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	18.45	/	/	<=38.45	Pass
		Outer_Full	21.80	/	/	18.47	/	/	<=38.45	Pass
		Inner_Full	21.79	/	/	18.46	/	/	<=38.45	Pass
		Inner_1RB_Left	21.81	/	/	18.48	/	/	<=38.45	Pass
		Inner_1RB_Right	21.84	/	/	18.51	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.82	/	/	18.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.55	/	/	18.22	/	/	<=38.45	Pass

		Outer_Full	21.77	/	/	18.44	/	/	<=38.45	Pass
		Inner_Full	21.74	/	/	18.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.80	/	/	18.47	/	/	<=38.45	Pass
		Inner_1RB_Right	21.65	/	/	18.32	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	19.20	/	/	15.87	/	/	<=38.45	Pass
		Edge_1RB_Right	19.06	/	/	15.73	/	/	<=38.45	Pass
		Outer_Full	19.62	/	/	16.29	/	/	<=38.45	Pass
		Inner_Full	19.66	/	/	16.33	/	/	<=38.45	Pass
		Inner_1RB_Left	19.20	/	/	15.87	/	/	<=38.45	Pass
		Inner_1RB_Right	19.13	/	/	15.80	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.21	/	/	15.88	/	/	<=38.45	Pass
		Edge_1RB_Right	19.09	/	/	15.76	/	/	<=38.45	Pass
		Outer_Full	19.74	/	/	16.41	/	/	<=38.45	Pass
		Inner_Full	19.75	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	19.19	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Right	19.14	/	/	15.81	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.09	/	/	15.76	/	/	<=38.45	Pass
		Edge_1RB_Right	18.91	/	/	15.58	/	/	<=38.45	Pass
		Outer_Full	19.68	/	/	16.35	/	/	<=38.45	Pass
		Inner_Full	19.63	/	/	16.30	/	/	<=38.45	Pass
		Inner_1RB_Left	19.12	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Right	18.91	/	/	15.58	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	21.14	/	/	17.81	/	/	<=38.45	Pass
		Edge_1RB_Right	21.13	/	/	17.80	/	/	<=38.45	Pass
		Outer_Full	21.04	/	/	17.71	/	/	<=38.45	Pass
		Inner_Full	22.54	/	/	19.21	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	19.36	/	/	<=38.45	Pass
		Inner_1RB_Right	22.59	/	/	19.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.39	/	/	18.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.18	/	/	17.85	/	/	<=38.45	Pass
		Outer_Full	21.30	/	/	17.97	/	/	<=38.45	Pass
		Inner_Full	22.80	/	/	19.47	/	/	<=38.45	Pass
		Inner_1RB_Left	22.68	/	/	19.35	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	19.23	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.22	/	/	17.89	/	/	<=38.45	Pass
		Edge_1RB_Right	20.91	/	/	17.58	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	17.81	/	/	<=38.45	Pass
		Inner_Full	22.65	/	/	19.32	/	/	<=38.45	Pass
		Inner_1RB_Left	22.64	/	/	19.31	/	/	<=38.45	Pass
		Inner_1RB_Right	22.40	/	/	19.07	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	21.12	/	/	17.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.09	/	/	17.76	/	/	<=38.45	Pass
		Outer_Full	21.14	/	/	17.81	/	/	<=38.45	Pass
		Inner_Full	22.11	/	/	18.78	/	/	<=38.45	Pass
		Inner_1RB_Left	22.26	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	18.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.21	/	/	17.88	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	17.74	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	17.84	/	/	<=38.45	Pass
		Inner_Full	22.19	/	/	18.86	/	/	<=38.45	Pass
		Inner_1RB_Left	22.27	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Right	22.07	/	/	18.74	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.15	/	/	17.82	/	/	<=38.45	Pass
		Edge_1RB_Right	20.89	/	/	17.56	/	/	<=38.45	Pass
		Outer_Full	21.09	/	/	17.76	/	/	<=38.45	Pass
		Inner_Full	22.18	/	/	18.85	/	/	<=38.45	Pass
		Inner_1RB_Left	22.19	/	/	18.86	/	/	<=38.45	Pass
		Inner_1RB_Right	21.91	/	/	18.58	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.65	/	/	17.32	/	/	<=38.45	Pass

		Edge 1RB Right	20.46	/	/	17.13	/	/	<=38.45	Pass
		Outer Full	20.68	/	/	17.35	/	/	<=38.45	Pass
		Inner Full	20.62	/	/	17.29	/	/	<=38.45	Pass
		Inner 1RB Left	20.79	/	/	17.46	/	/	<=38.45	Pass
		Inner 1RB Right	20.67	/	/	17.34	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	20.81	/	/	17.48	/	/	<=38.45	Pass
		Edge 1RB Right	20.61	/	/	17.28	/	/	<=38.45	Pass
		Outer Full	20.75	/	/	17.42	/	/	<=38.45	Pass
		Inner Full	20.83	/	/	17.50	/	/	<=38.45	Pass
		Inner 1RB Left	20.82	/	/	17.49	/	/	<=38.45	Pass
	839	Inner 1RB Right	20.70	/	/	17.37	/	/	<=38.45	Pass
		Edge 1RB Left	20.79	/	/	17.46	/	/	<=38.45	Pass
		Edge 1RB Right	20.47	/	/	17.14	/	/	<=38.45	Pass
		Outer Full	20.79	/	/	17.46	/	/	<=38.45	Pass
		Inner Full	20.70	/	/	17.37	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Inner 1RB Left	20.71	/	/	17.38	/	/	<=38.45	Pass
		Inner 1RB Right	20.51	/	/	17.18	/	/	<=38.45	Pass
		Edge 1RB Left	17.30	/	/	13.97	/	/	<=38.45	Pass
		Edge 1RB Right	17.29	/	/	13.96	/	/	<=38.45	Pass
		Outer Full	17.58	/	/	14.25	/	/	<=38.45	Pass
		Inner Full	17.59	/	/	14.26	/	/	<=38.45	Pass
	836.5	Inner 1RB Left	17.41	/	/	14.08	/	/	<=38.45	Pass
		Inner 1RB Right	17.24	/	/	13.91	/	/	<=38.45	Pass
		Edge 1RB Left	17.32	/	/	13.99	/	/	<=38.45	Pass
		Edge 1RB Right	17.16	/	/	13.83	/	/	<=38.45	Pass
		Outer Full	17.72	/	/	14.39	/	/	<=38.45	Pass
		Inner Full	17.77	/	/	14.44	/	/	<=38.45	Pass
	839	Inner 1RB Left	17.37	/	/	14.04	/	/	<=38.45	Pass
		Inner 1RB Right	17.24	/	/	13.91	/	/	<=38.45	Pass
		Edge 1RB Left	17.28	/	/	13.95	/	/	<=38.45	Pass
Edge 1RB Right		17.02	/	/	13.69	/	/	<=38.45	Pass	
Outer Full		17.62	/	/	14.29	/	/	<=38.45	Pass	
	Inner Full	17.64	/	/	14.31	/	/	<=38.45	Pass	
	Inner 1RB Left	17.23	/	/	13.90	/	/	<=38.45	Pass	
	Inner 1RB Right	17.09	/	/	13.76	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant1: -1.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n5 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	20	LV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass

			40	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-0.70	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-3.90
HV	-5.90	-0.0071					>=-2.5 & <=2.5	Pass
-30	NV	-4.20				-0.0050	>=-2.5 & <=2.5	Pass
-20	NV	3.30				0.0039	>=-2.5 & <=2.5	Pass
-10	NV	-5.20				-0.0062	>=-2.5 & <=2.5	Pass
0	NV	-5.10				-0.0061	>=-2.5 & <=2.5	Pass
10	NV	3.10				0.0037	>=-2.5 & <=2.5	Pass
20	NV	-4.20				-0.0050	>=-2.5 & <=2.5	Pass
30	NV	-2.70				-0.0032	>=-2.5 & <=2.5	Pass
40	NV	-4.10				-0.0049	>=-2.5 & <=2.5	Pass
50	NV	-1.90				-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full				20	LV	-6.50
			HV	-5.30	-0.0063		>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-2.80
HV	1.50	0.0018					>=-2.5 & <=2.5	Pass
-30	NV	-3.20				-0.0038	>=-2.5 & <=2.5	Pass
-20	NV	-3.70				-0.0044	>=-2.5 & <=2.5	Pass
-10	NV	-1.20				-0.0014	>=-2.5 & <=2.5	Pass
0	NV	-3.40				-0.0041	>=-2.5 & <=2.5	Pass
10	NV	-4.70				-0.0056	>=-2.5 & <=2.5	Pass
20	NV	-2.80				-0.0033	>=-2.5 & <=2.5	Pass
30	NV	-2.90				-0.0035	>=-2.5 & <=2.5	Pass
40	NV	-2.90				-0.0035	>=-2.5 & <=2.5	Pass
50	NV	-4.80				-0.0057	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full				20	LV	-4.90
			HV	-1.60	-0.0019		>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-4.70
HV	-2.60	-0.0031					>=-2.5 & <=2.5	Pass

			-30	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			-20	NV	0.40	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	39.50	0.0472	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			10	NV	35.80	0.0428	>=-2.5 & <=2.5	Pass
			20	NV	38.30	0.0458	>=-2.5 & <=2.5	Pass
			30	NV	37.10	0.0444	>=-2.5 & <=2.5	Pass
			40	NV	-2.40	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n5 SCS=15kHz 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	836.5	Outer_Full	20	LV	-10.50	-0.0126	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			30	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0050	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass

			40	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.30
HV	-3.90	-0.0047					>=-2.5 & <=2.5	Pass
-30	NV	-6.60				-0.0079	>=-2.5 & <=2.5	Pass
-20	NV	-5.20				-0.0062	>=-2.5 & <=2.5	Pass
-10	NV	-2.20				-0.0026	>=-2.5 & <=2.5	Pass
0	NV	-4.10				-0.0049	>=-2.5 & <=2.5	Pass
10	NV	-6.20				-0.0074	>=-2.5 & <=2.5	Pass
20	NV	-5.80				-0.0069	>=-2.5 & <=2.5	Pass
30	NV	-3.50				-0.0042	>=-2.5 & <=2.5	Pass
40	NV	-5.90				-0.0071	>=-2.5 & <=2.5	Pass
50	NV	-6.30				-0.0075	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full				20	LV	-4.60
			HV	-2.40	-0.0029		>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			CP-OFDM QPSK	836.5	Outer_Full	20	LV	-3.70
HV	-3.80	-0.0045					>=-2.5 & <=2.5	Pass
-30	NV	-3.30				-0.0039	>=-2.5 & <=2.5	Pass
-20	NV	-5.60				-0.0067	>=-2.5 & <=2.5	Pass
-10	NV	-1.80				-0.0022	>=-2.5 & <=2.5	Pass
0	NV	-1.40				-0.0017	>=-2.5 & <=2.5	Pass
10	NV	-8.20				-0.0098	>=-2.5 & <=2.5	Pass
20	NV	-2.40				-0.0029	>=-2.5 & <=2.5	Pass
30	NV	-5.50				-0.0066	>=-2.5 & <=2.5	Pass
40	NV	-2.00				-0.0024	>=-2.5 & <=2.5	Pass
50	NV	-2.20				-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full				20	LV	-5.00
			HV	1.60	0.0019		>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	3.30	0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			50	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
			CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-2.70
HV	-3.10	-0.0037					>=-2.5 & <=2.5	Pass

			-30	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	0.90	0.0011	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0069	>=-2.5 & <=2.5	Pass
			40	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	0.60	0.0007	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n5 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	20	LV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0098	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0100	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			20	NV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
			30	NV	-7.60	-0.0091	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-14.00	-0.0167	>=-2.5 & <=2.5	Pass
				HV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
			-30	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			0	NV	-12.40	-0.0148	>=-2.5 & <=2.5	Pass
			10	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			20	NV	-9.90	-0.0118	>=-2.5 & <=2.5	Pass
			30	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			40	NV	-10.00	-0.0120	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-8.10	-0.0097	>=-2.5 & <=2.5	Pass
				HV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
			-10	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0082	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			30	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass

			40	NV	-11.30	-0.0135	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-10.70	-0.0128	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			30	NV	-7.10	-0.0085	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0084	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0106	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0051	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0072	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-3.90	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass

			-30	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	1.10	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-1.10	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n5 SCS=15kHz 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	836.5	Outer_Full	20	LV	2.50	0.0030	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	3.00	0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	4.00	0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-0.50	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	4.60	0.0055	>=-2.5 & <=2.5	Pass
			20	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	3.30	0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	0.80	0.0010	>=-2.5 & <=2.5	Pass
				HV	-0.60	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	2.90	0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	1.50	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	2.10	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-3.80	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	2.90	0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	1.60	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	0.60	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	1.70	0.0020	>=-2.5 & <=2.5	Pass
				HV	1.40	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	5.50	0.0066	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	3.50	0.0042	>=-2.5 & <=2.5	Pass
			20	NV	4.90	0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-0.80	-0.0010	>=-2.5 & <=2.5	Pass

			40	NV	0.90	0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-1.20	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0086	>=-2.5 & <=2.5	Pass
			50	NV	-1.90	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-3.20	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0081	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0055	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-5.00	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0067	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0068	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	-0.60	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0048	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0066	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0044	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-5.30	-0.0063	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0074	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0049	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	826.5	Outer_Full	4.54	5.10	/	Pass
	836.5	Outer_Full	4.52	5.04	/	Pass
	846.5	Outer_Full	4.55	5.07	/	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.52	5.02	/	Pass
	836.5	Outer_Full	4.52	5.05	/	Pass
	846.5	Outer_Full	4.52	5.01	/	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	4.55	5.05	/	Pass
	836.5	Outer_Full	4.54	5.06	/	Pass
	846.5	Outer_Full	4.55	5.06	/	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	4.54	5.03	/	Pass
	836.5	Outer_Full	4.53	5.05	/	Pass
	846.5	Outer_Full	4.54	5.08	/	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	4.51	5.03	/	Pass
	836.5	Outer_Full	4.53	5.08	/	Pass
	846.5	Outer_Full	4.51	5.04	/	Pass
CP-OFDM QPSK	826.5	Outer_Full	4.53	5.09	/	Pass
	836.5	Outer_Full	4.52	5.09	/	Pass
	846.5	Outer_Full	4.52	5.06	/	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	4.53	5.06	/	Pass
	836.5	Outer_Full	4.57	5.08	/	Pass
	846.5	Outer_Full	4.54	5.10	/	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	4.54	5.12	/	Pass
	836.5	Outer_Full	4.53	5.12	/	Pass
	846.5	Outer_Full	4.53	5.07	/	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	4.53	5.13	/	Pass
	836.5	Outer_Full	4.54	5.05	/	Pass
	846.5	Outer_Full	4.53	5.08	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	829	Outer_Full	9.05	9.76	/	Pass
	836.5	Outer_Full	9.03	9.79	/	Pass
	844	Outer_Full	9.02	9.81	/	Pass
DFT-s-OFDM QPSK	829	Outer_Full	9.06	9.89	/	Pass
	836.5	Outer_Full	9.07	9.88	/	Pass
	844	Outer_Full	9.06	9.82	/	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	9.05	9.75	/	Pass
	836.5	Outer_Full	9.07	9.80	/	Pass
	844	Outer_Full	9.03	9.81	/	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	9.03	9.85	/	Pass
	836.5	Outer_Full	9.04	9.82	/	Pass
	844	Outer_Full	9.01	9.89	/	Pass
DFT-s-OFDM 256 QAM	829	Outer_Full	9.04	9.90	/	Pass
	836.5	Outer_Full	9.04	9.75	/	Pass

CP-OFDM QPSK	844	Outer_Full	9.03	9.82	/	Pass
	829	Outer_Full	9.36	10.29	/	Pass
	836.5	Outer_Full	9.36	10.24	/	Pass
	844	Outer_Full	9.35	10.26	/	Pass
CP-OFDM 16 QAM	829	Outer_Full	9.37	10.24	/	Pass
	836.5	Outer_Full	9.38	10.23	/	Pass
	844	Outer_Full	9.40	10.02	/	Pass
CP-OFDM 64 QAM	829	Outer_Full	9.39	9.96	/	Pass
	836.5	Outer_Full	9.36	10.17	/	Pass
	844	Outer_Full	9.33	10.17	/	Pass
CP-OFDM 256 QAM	829	Outer_Full	9.39	10.21	/	Pass
	836.5	Outer_Full	9.37	10.19	/	Pass
	844	Outer_Full	9.32	10.15	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	13.66	14.69	/	Pass
	836.5	Outer_Full	13.56	14.60	/	Pass
	841.5	Outer_Full	13.57	14.64	/	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	13.57	14.64	/	Pass
	836.5	Outer_Full	13.60	14.66	/	Pass
	841.5	Outer_Full	13.60	14.65	/	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	13.63	14.72	/	Pass
	836.5	Outer_Full	13.64	14.56	/	Pass
	841.5	Outer_Full	13.63	14.65	/	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	13.62	14.45	/	Pass
	836.5	Outer_Full	13.54	14.63	/	Pass
	841.5	Outer_Full	13.55	14.67	/	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	13.58	14.59	/	Pass
	836.5	Outer_Full	13.57	14.67	/	Pass
	841.5	Outer_Full	13.57	14.62	/	Pass
CP-OFDM QPSK	831.5	Outer_Full	14.25	15.34	/	Pass
	836.5	Outer_Full	14.23	15.34	/	Pass
	841.5	Outer_Full	14.22	15.29	/	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	14.23	15.35	/	Pass
	836.5	Outer_Full	14.24	15.41	/	Pass
	841.5	Outer_Full	14.25	15.37	/	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	14.29	15.38	/	Pass
	836.5	Outer_Full	14.29	15.38	/	Pass
	841.5	Outer_Full	14.29	15.39	/	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	14.24	15.36	/	Pass
	836.5	Outer_Full	14.23	15.07	/	Pass
	841.5	Outer_Full	14.23	15.28	/	Pass

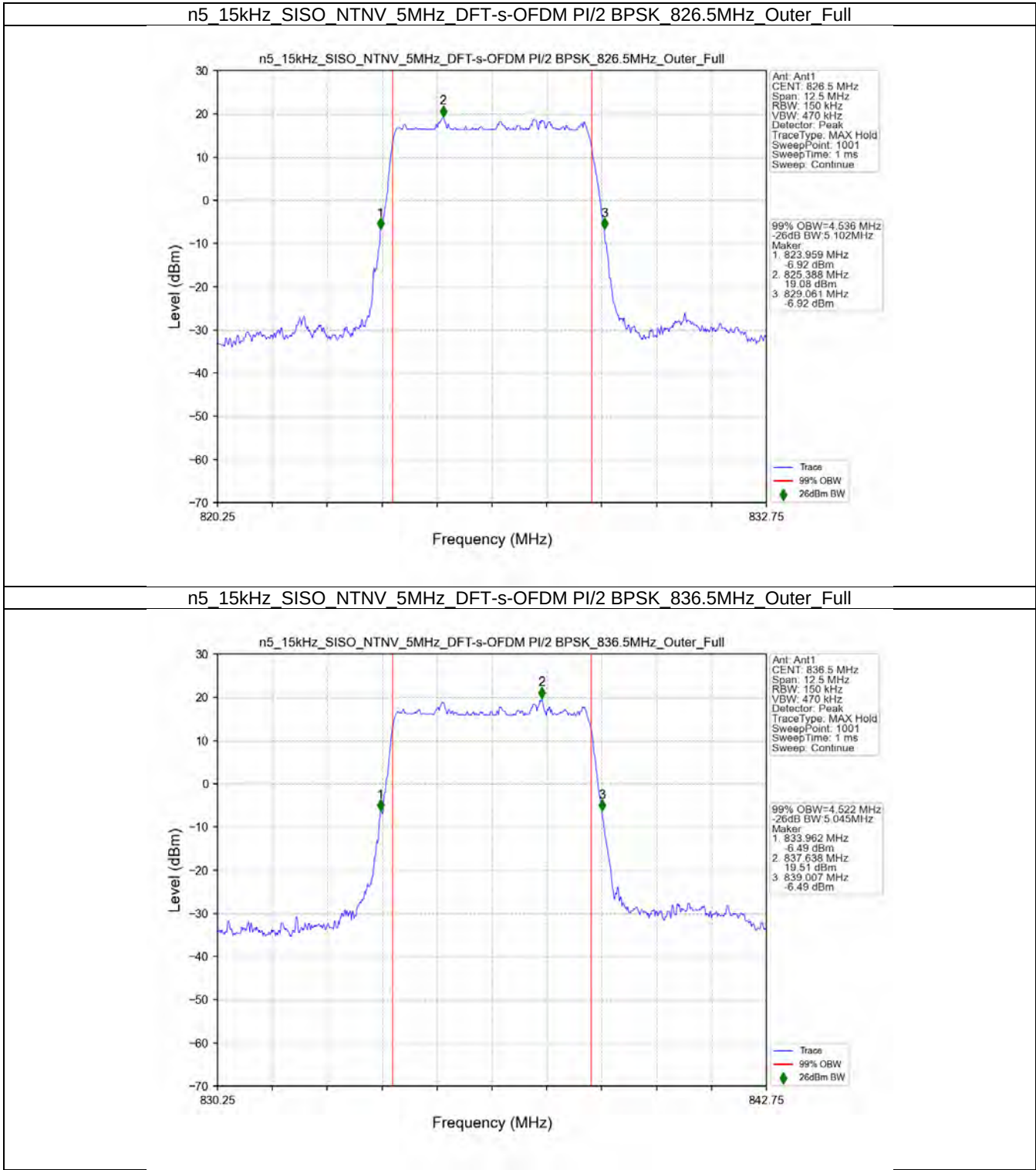
3.1.4 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	18.04	19.38	/	Pass
	836.5	Outer_Full	18.05	19.41	/	Pass
	839	Outer_Full	18.02	19.43	/	Pass
DFT-s-OFDM QPSK	834	Outer_Full	18.00	19.43	/	Pass

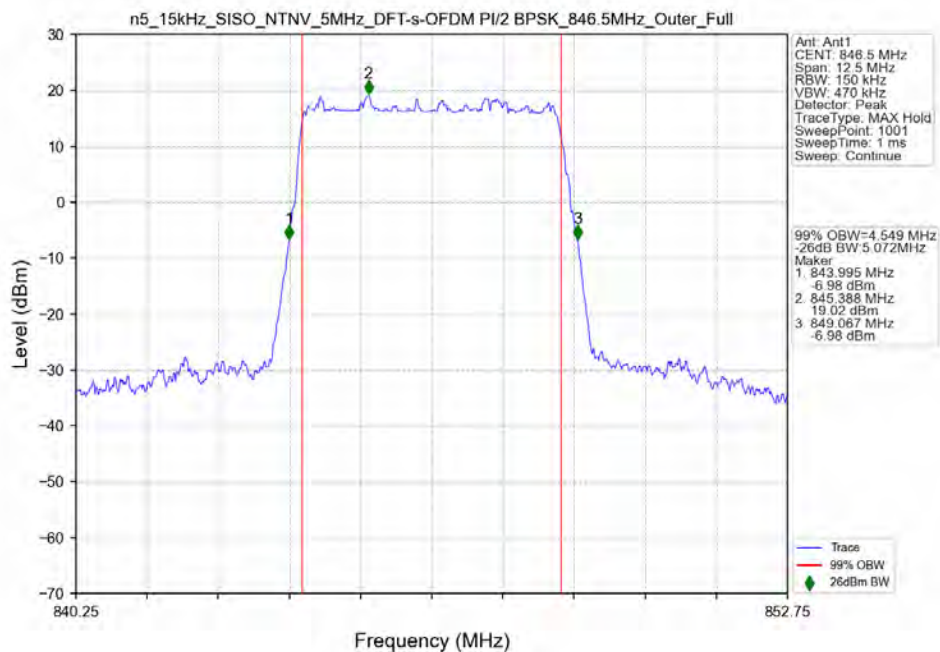
	836.5	Outer_Full	18.16	19.36	/	Pass
	839	Outer_Full	18.02	19.47	/	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	18.01	19.40	/	Pass
	836.5	Outer_Full	18.03	19.38	/	Pass
	839	Outer_Full	17.91	19.34	/	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	18.01	19.43	/	Pass
	836.5	Outer_Full	18.00	19.44	/	Pass
	839	Outer_Full	18.04	19.42	/	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	18.04	19.40	/	Pass
	836.5	Outer_Full	18.02	19.38	/	Pass
	839	Outer_Full	18.03	19.40	/	Pass
CP-OFDM QPSK	834	Outer_Full	19.14	20.26	/	Pass
	836.5	Outer_Full	19.09	22.76	/	Pass
	839	Outer_Full	19.03	20.51	/	Pass
CP-OFDM 16 QAM	834	Outer_Full	19.14	20.27	/	Pass
	836.5	Outer_Full	19.12	20.54	/	Pass
	839	Outer_Full	19.11	20.39	/	Pass
CP-OFDM 64 QAM	834	Outer_Full	19.11	20.54	/	Pass
	836.5	Outer_Full	19.11	20.55	/	Pass
	839	Outer_Full	19.11	20.48	/	Pass
CP-OFDM 256 QAM	834	Outer_Full	19.13	20.53	/	Pass
	836.5	Outer_Full	19.14	20.51	/	Pass
	839	Outer_Full	19.13	20.52	/	Pass

3.2 Test Graph

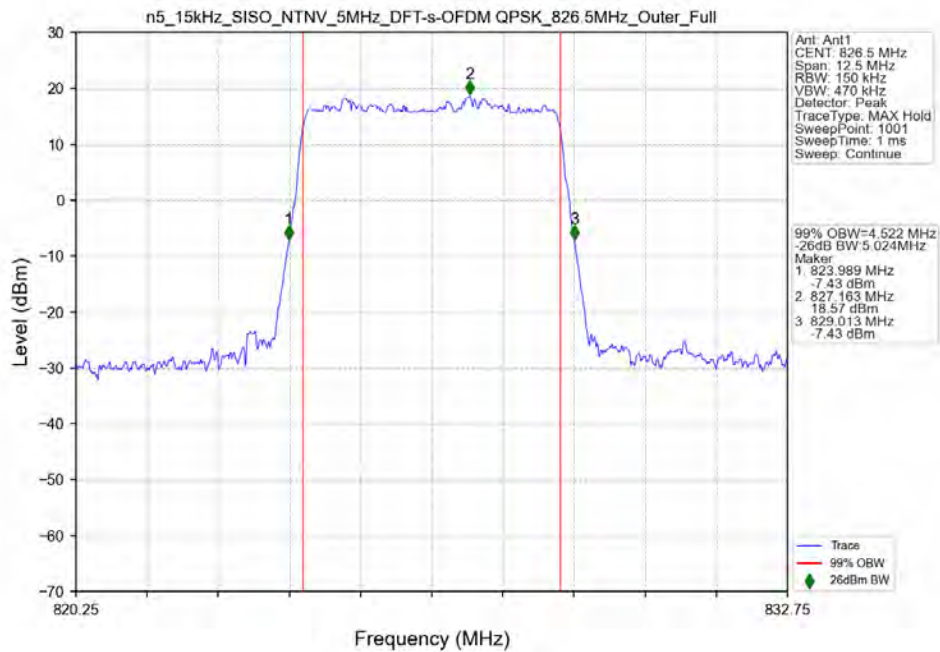
3.2.1 15k_SISO_5MHz_NTNV



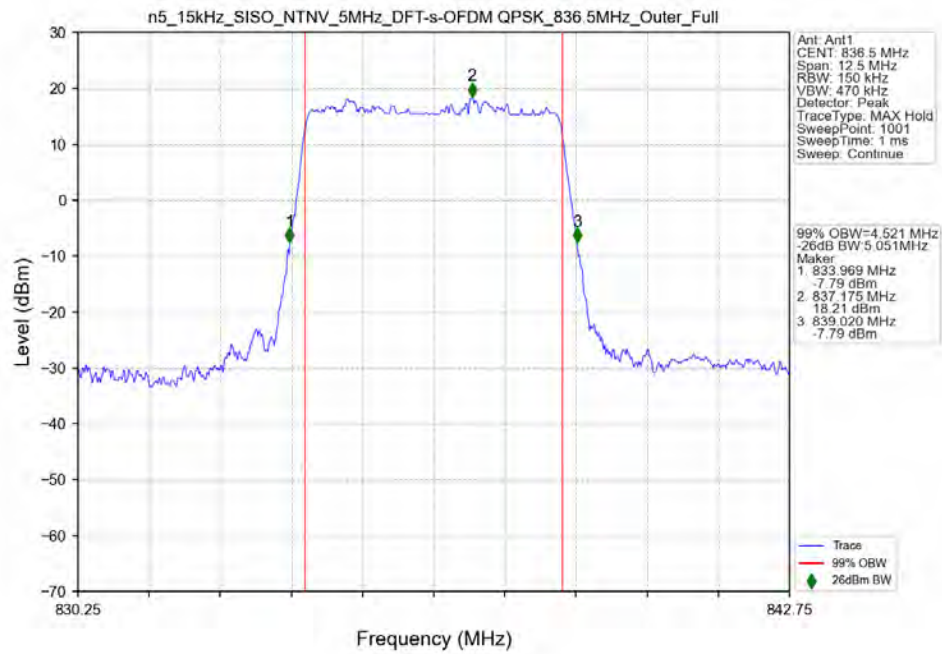
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full



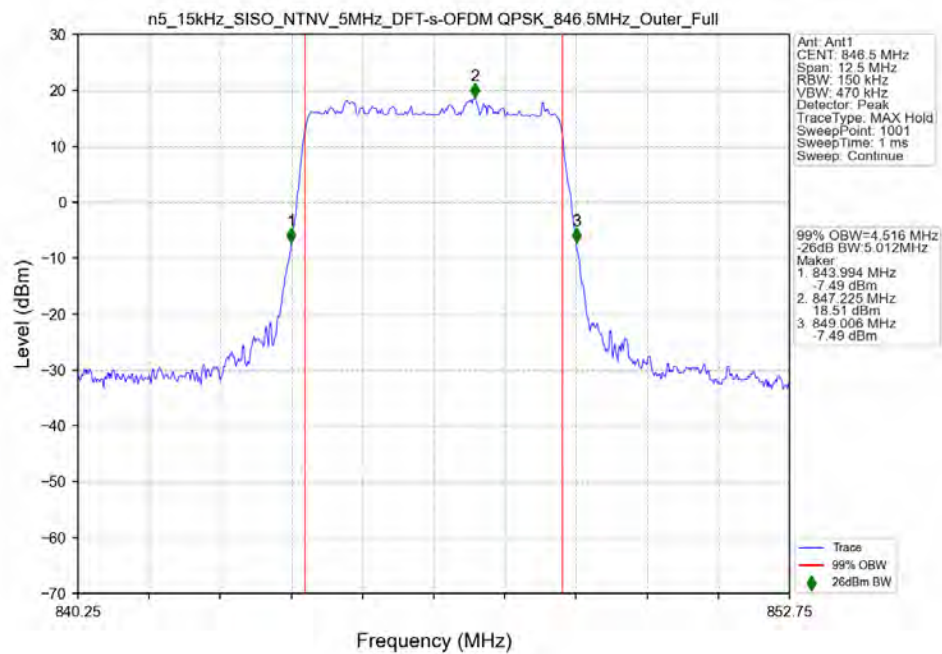
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full



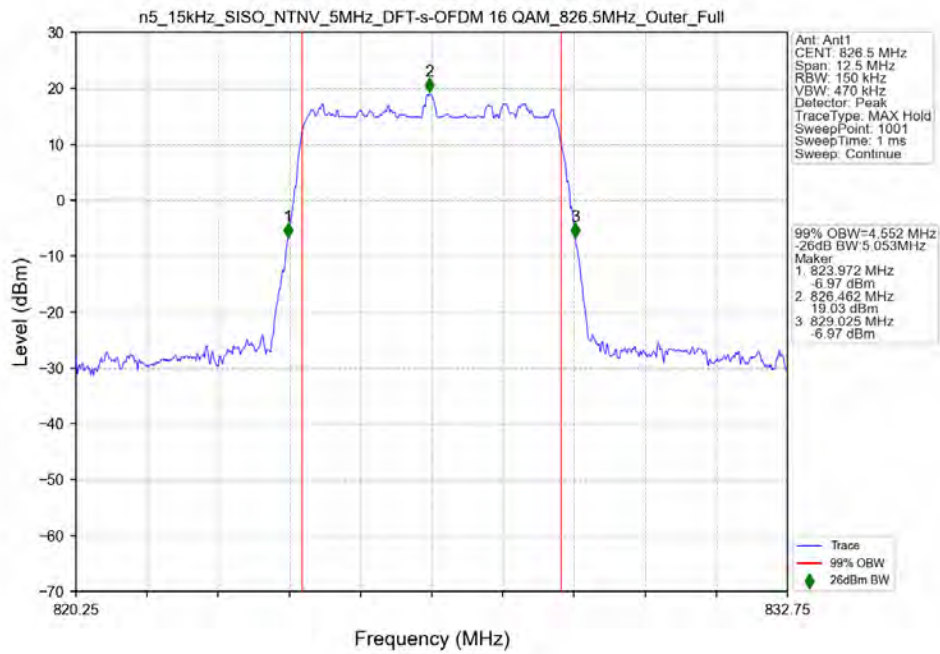
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full



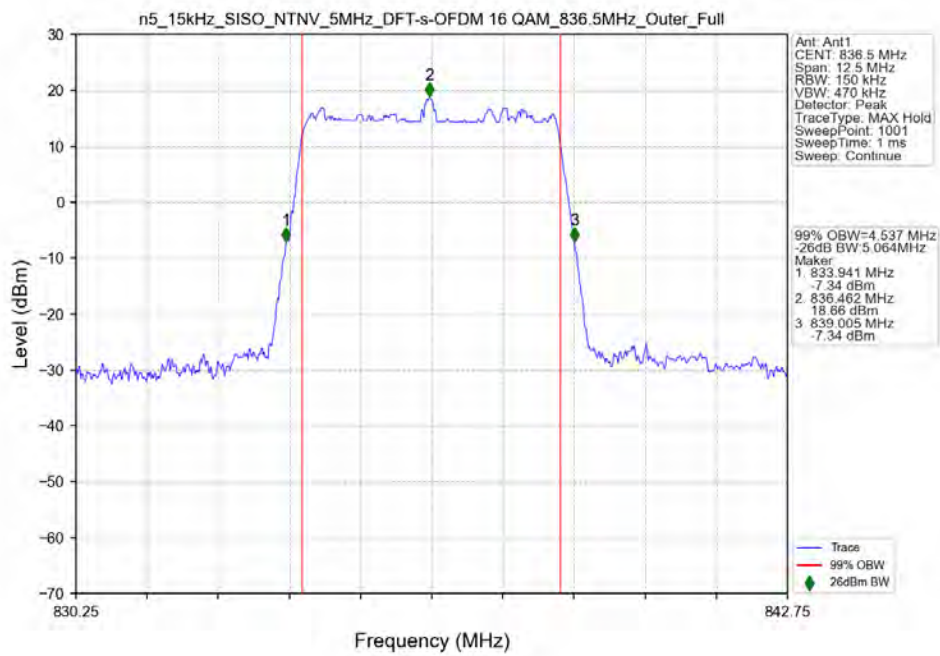
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_846.5MHz_Outer_Full



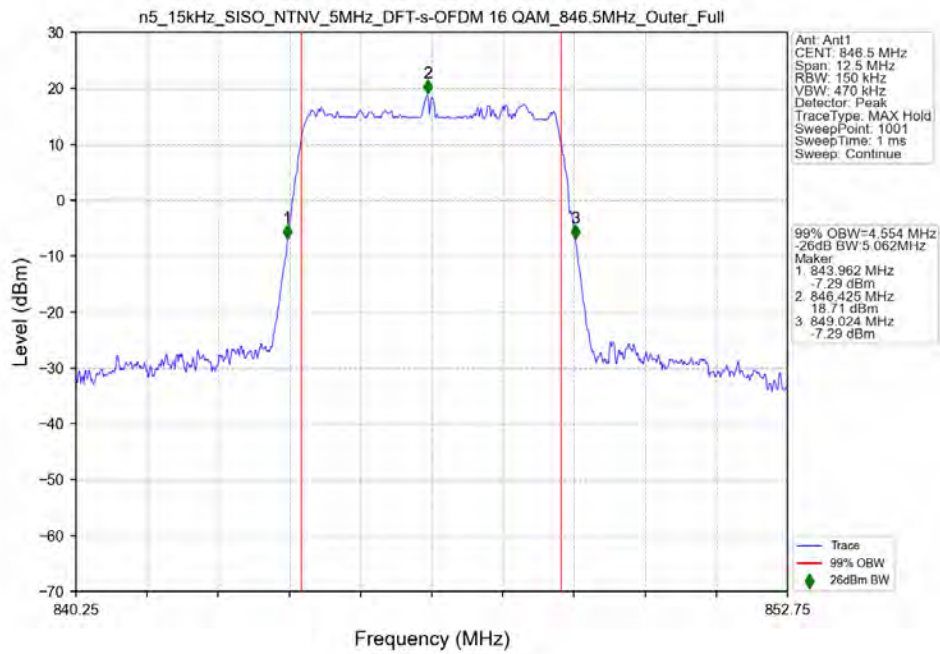
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_826.5MHz_Outer_Full



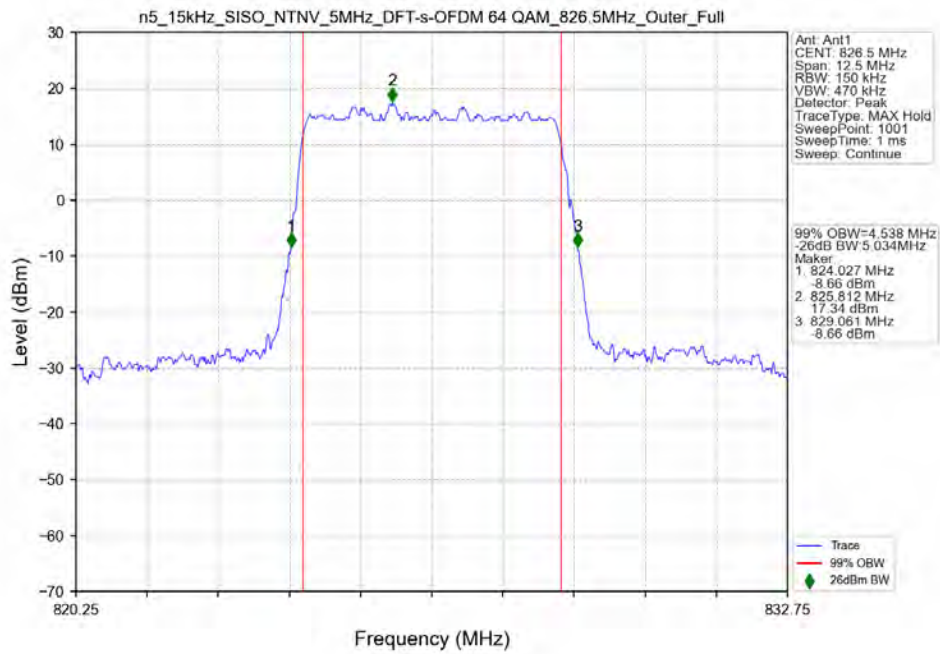
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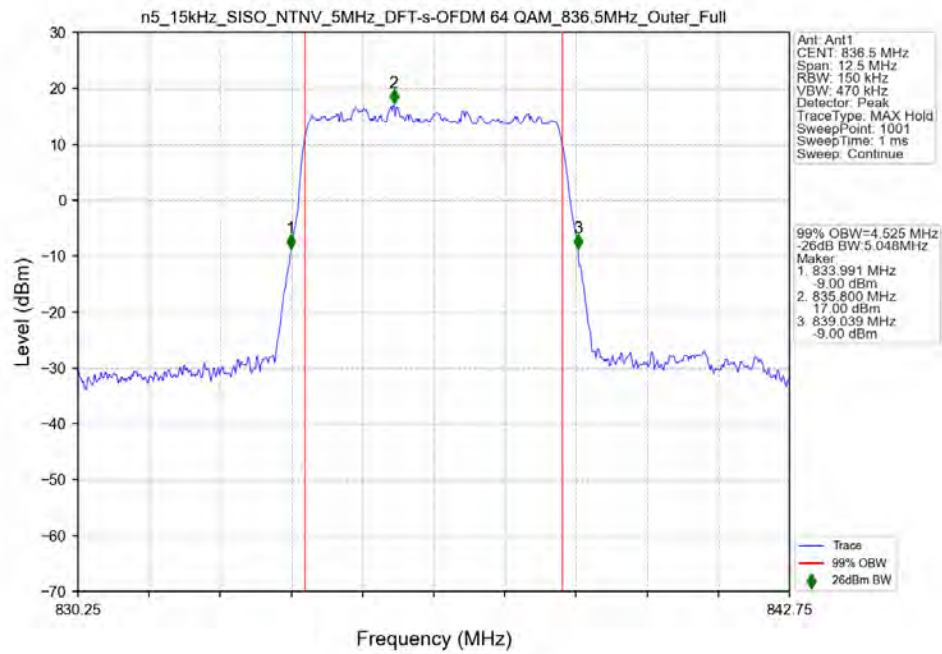
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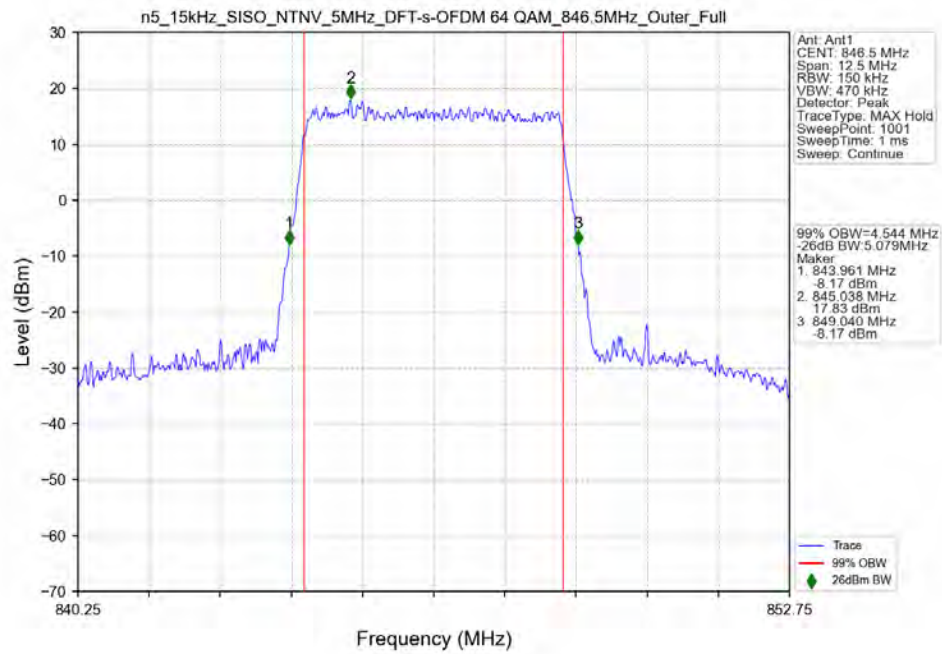
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_826.5MHz_Outer_Full



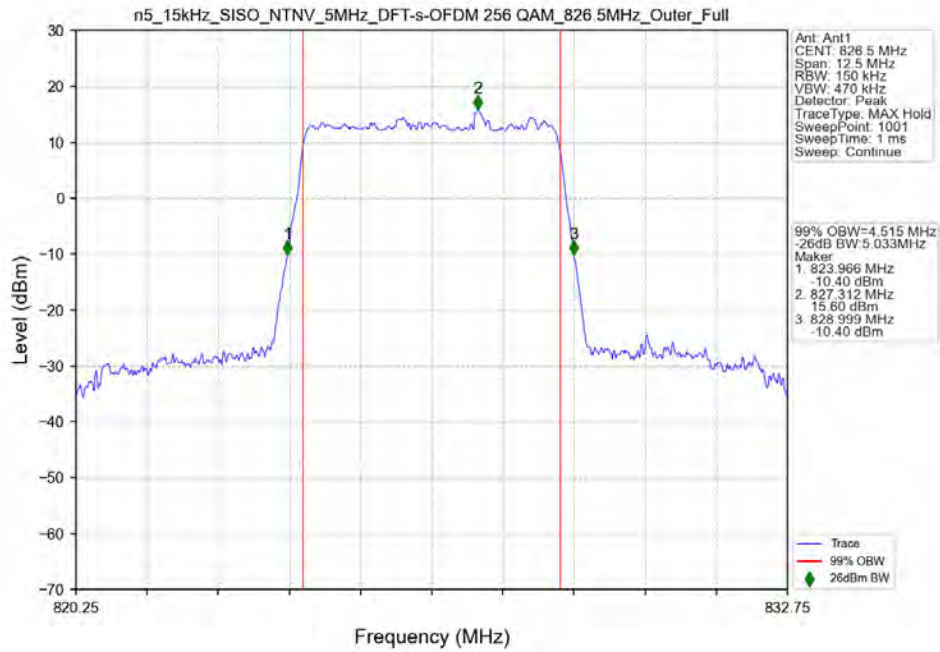
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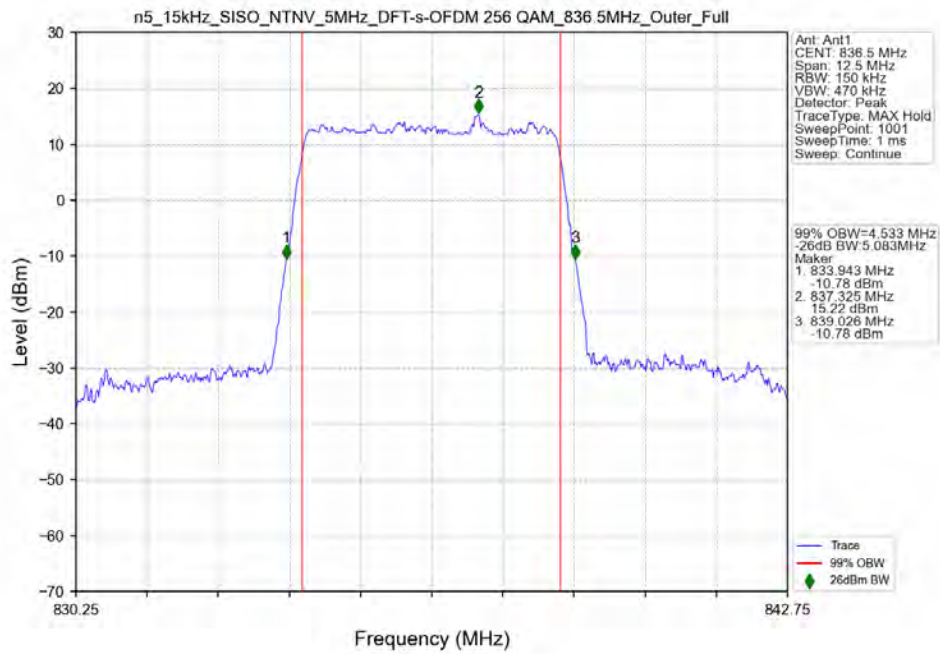
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_846.5MHz_Outer_Full



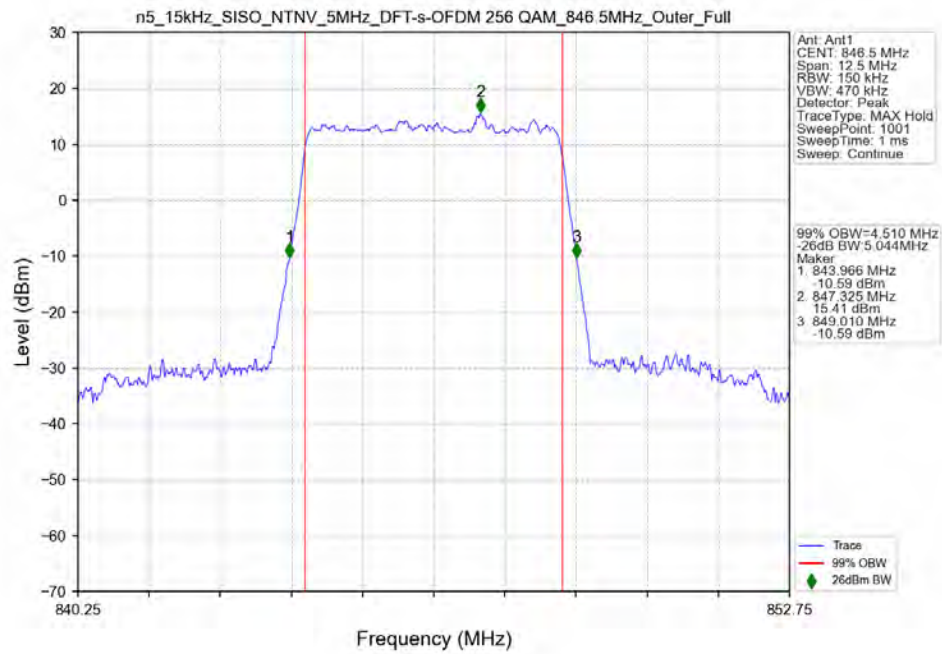
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 826.5MHz_Outer_Full



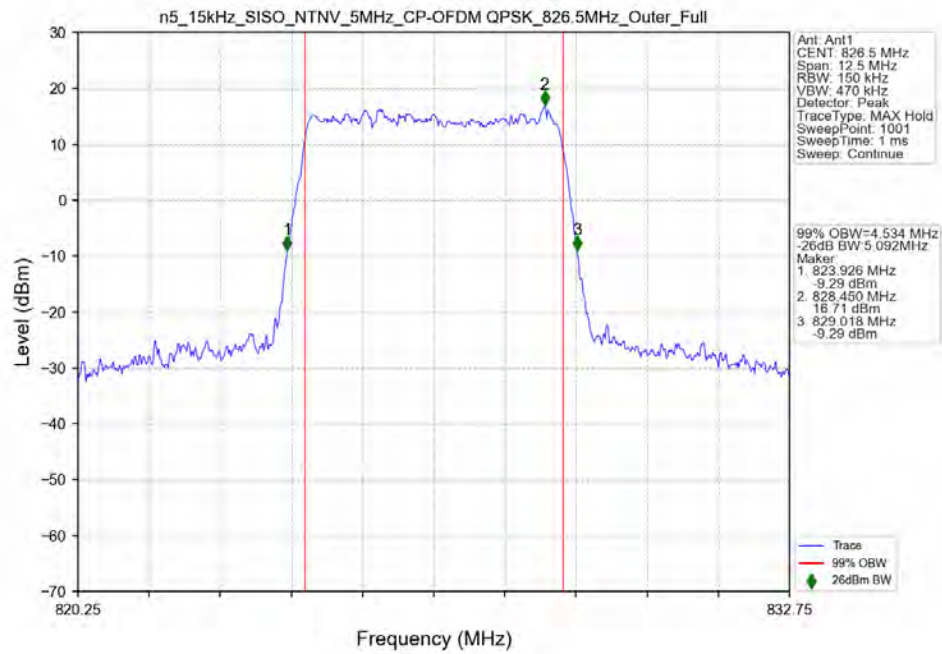
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 836.5MHz_Outer_Full



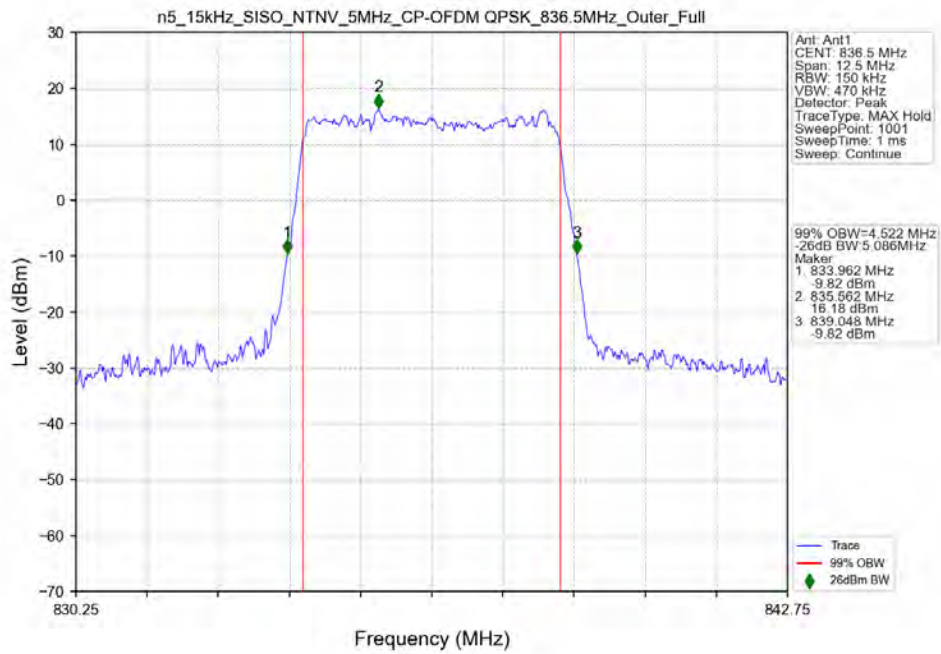
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 846.5MHz_Outer_Full



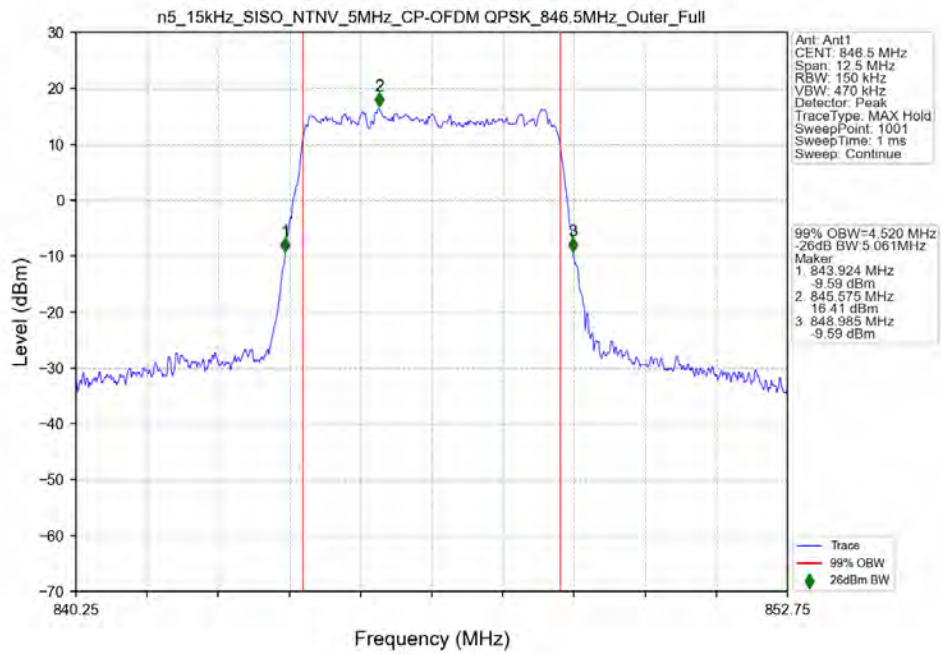
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 826.5MHz_Outer_Full



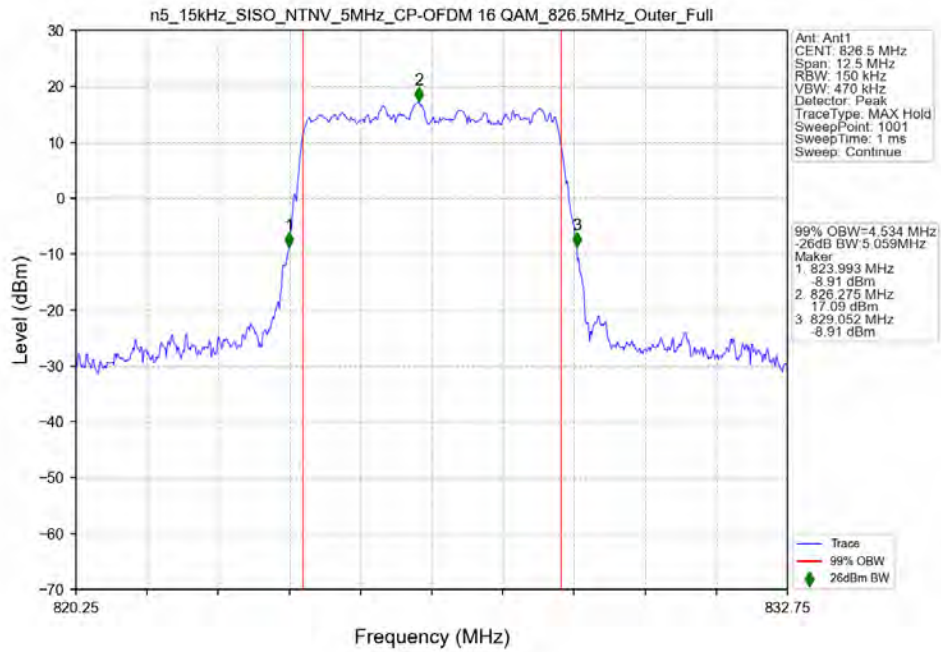
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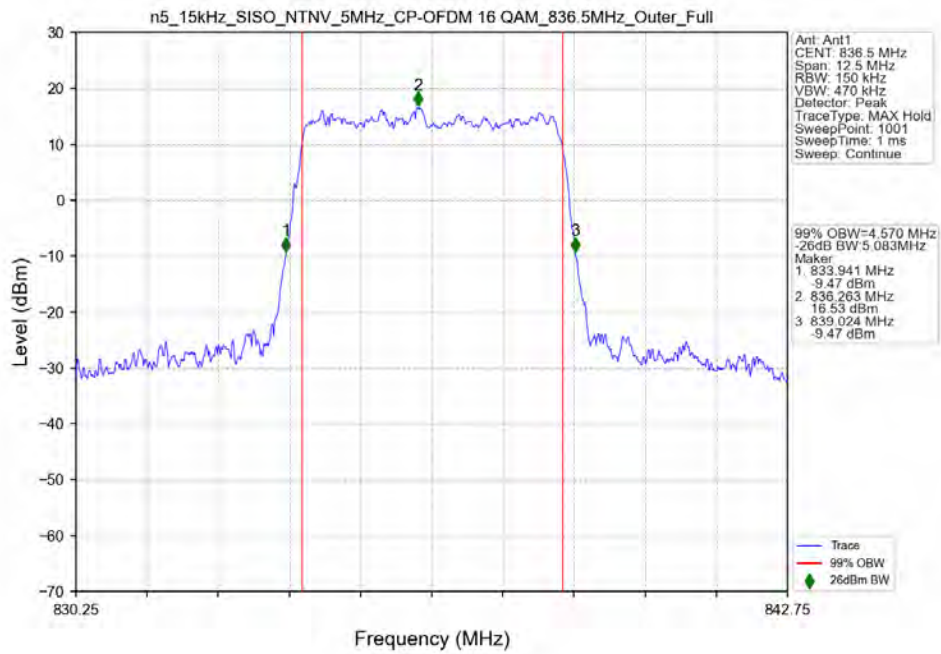
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full



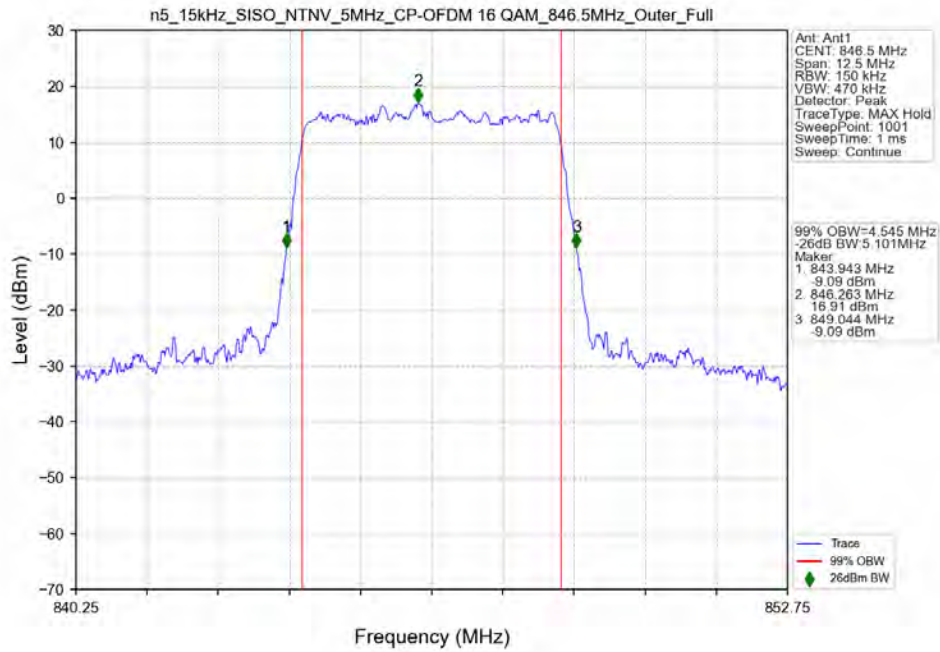
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 826.5MHz_Outer_Full



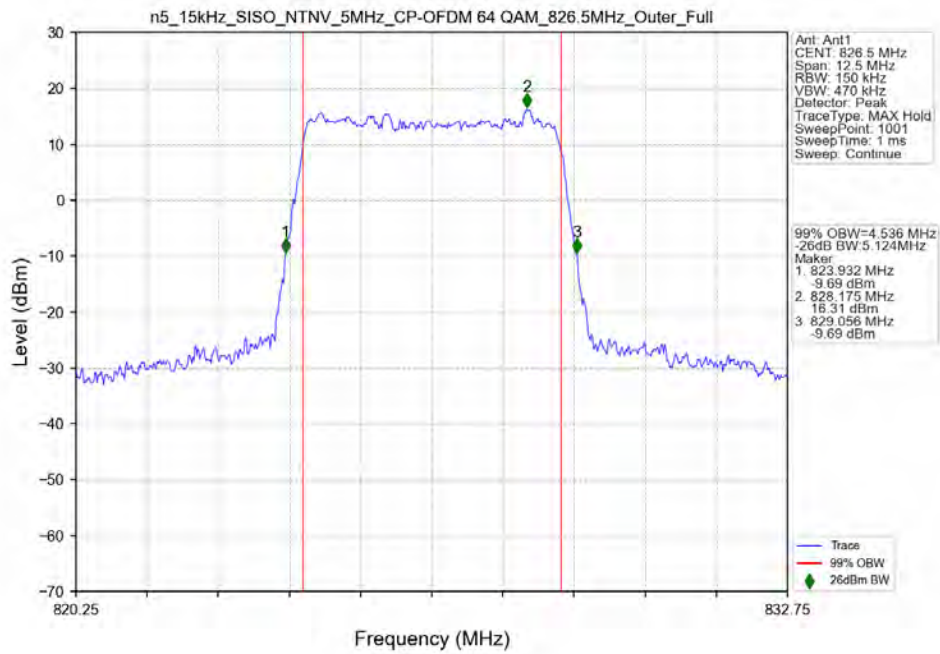
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full



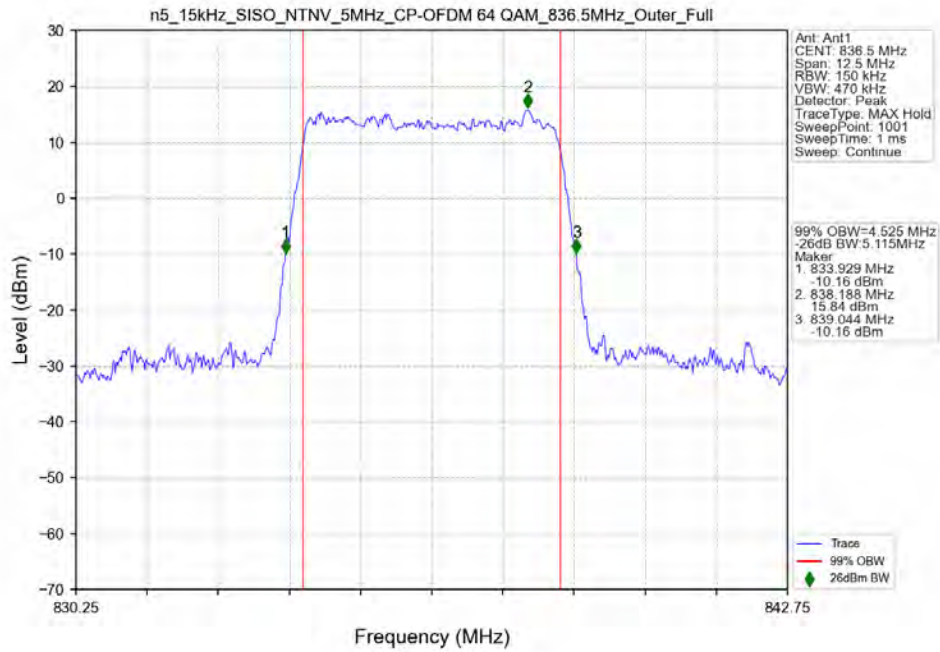
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 846.5MHz_Outer_Full



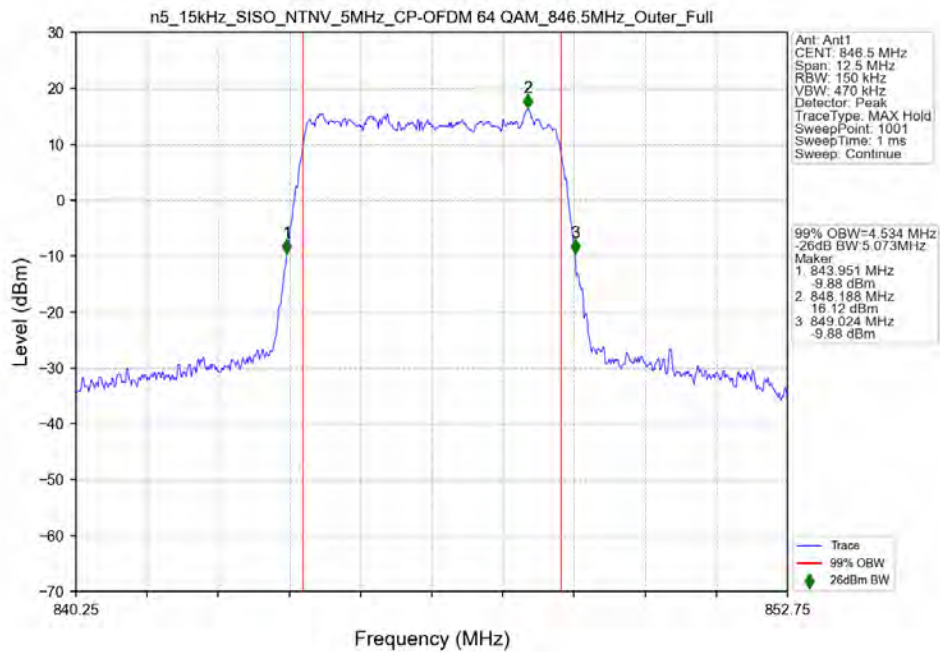
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 826.5MHz_Outer_Full



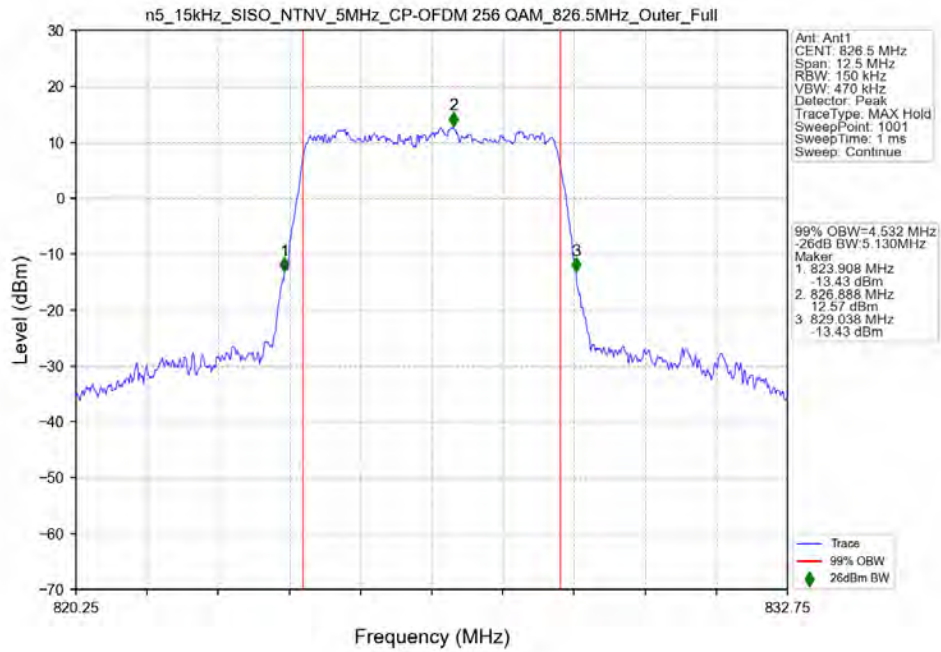
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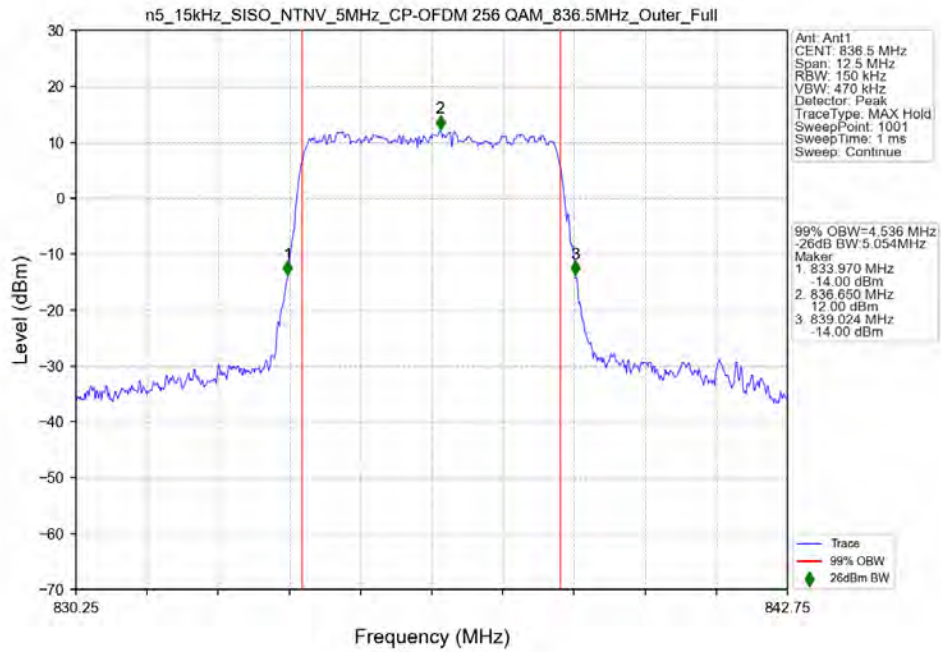
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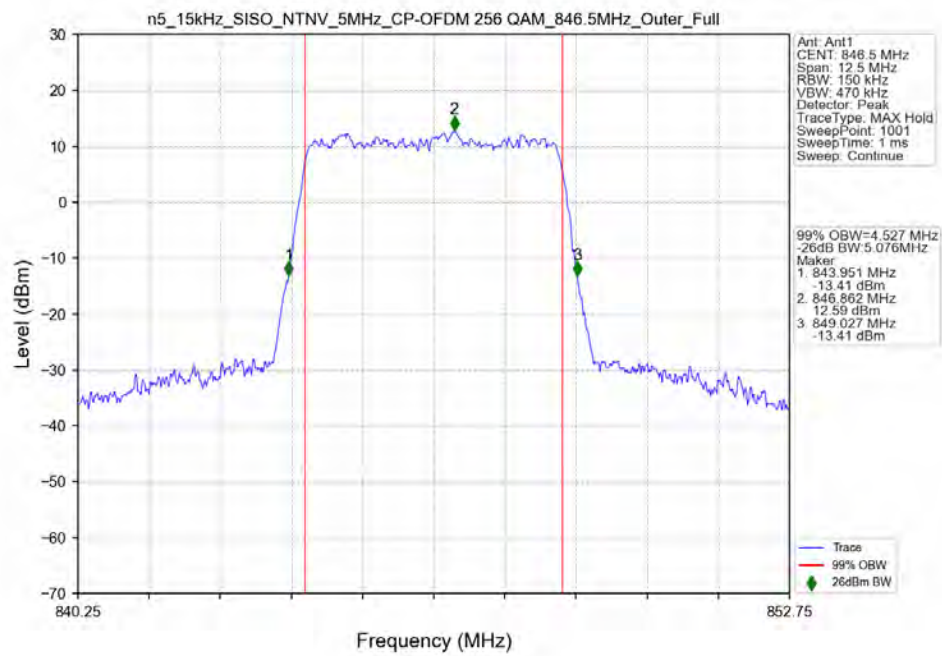
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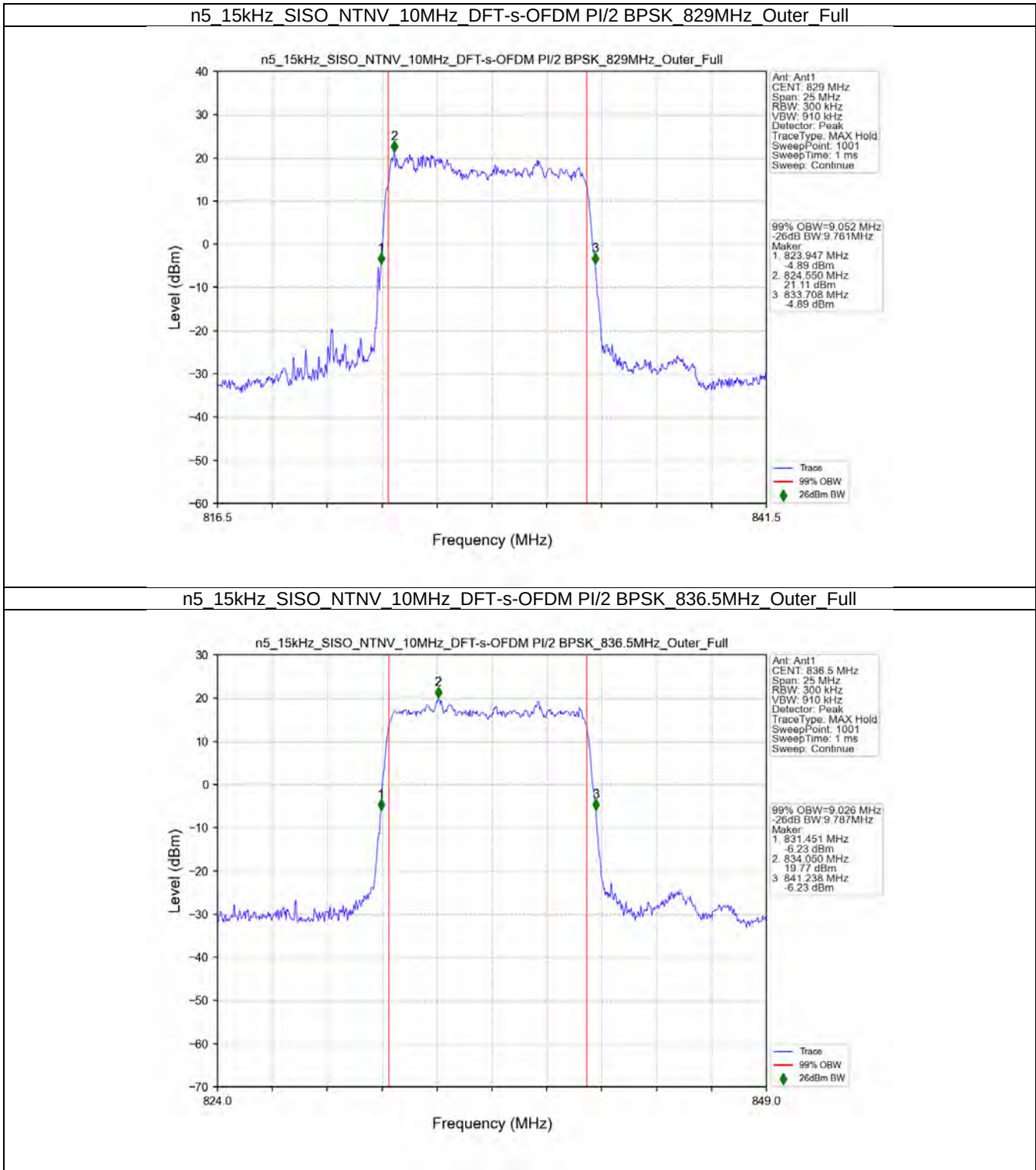
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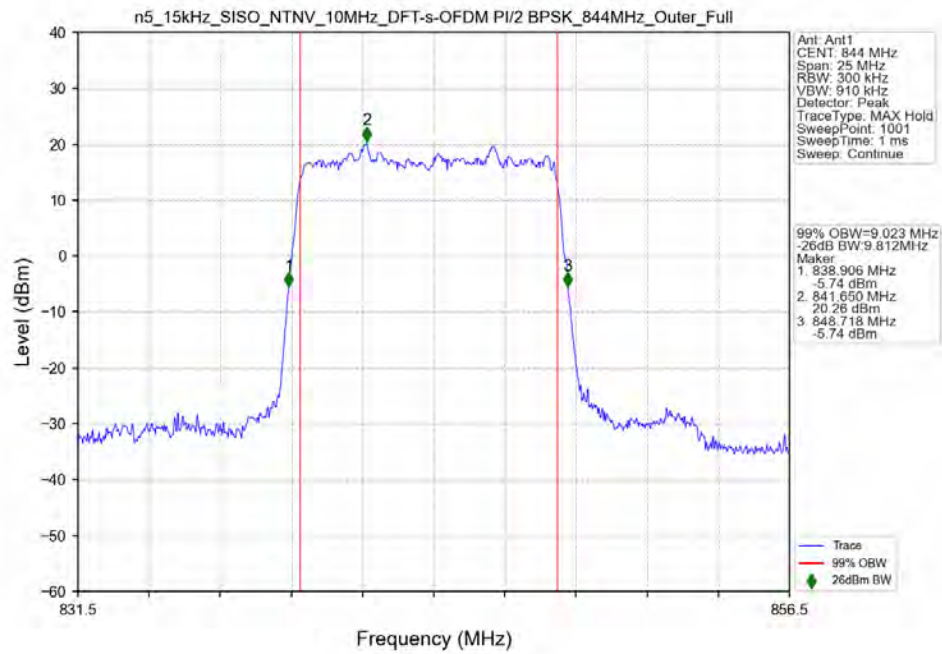
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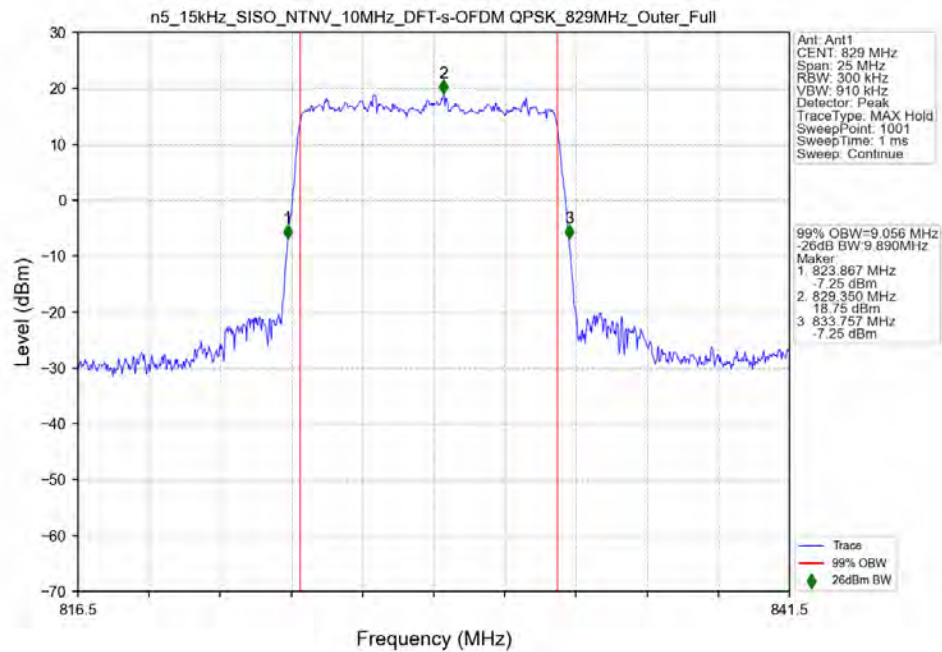
3.2.2 15k_SISO_10MHz_NTNV



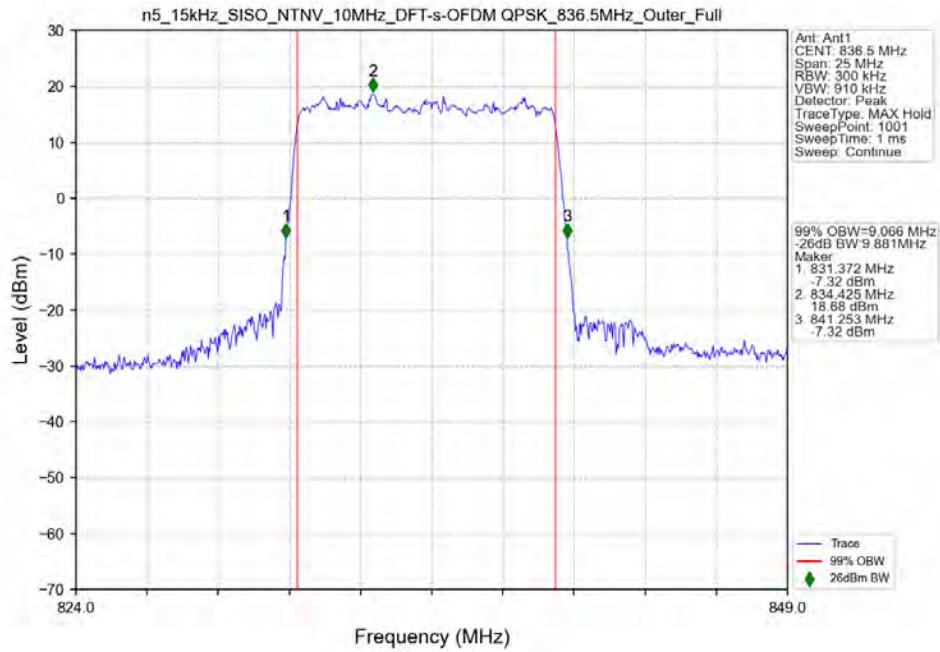
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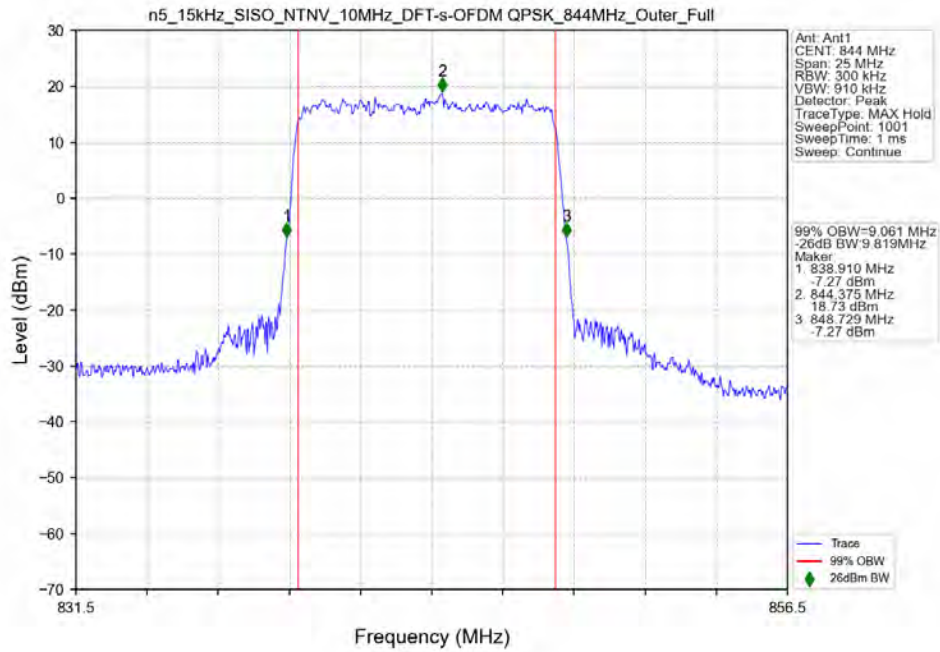
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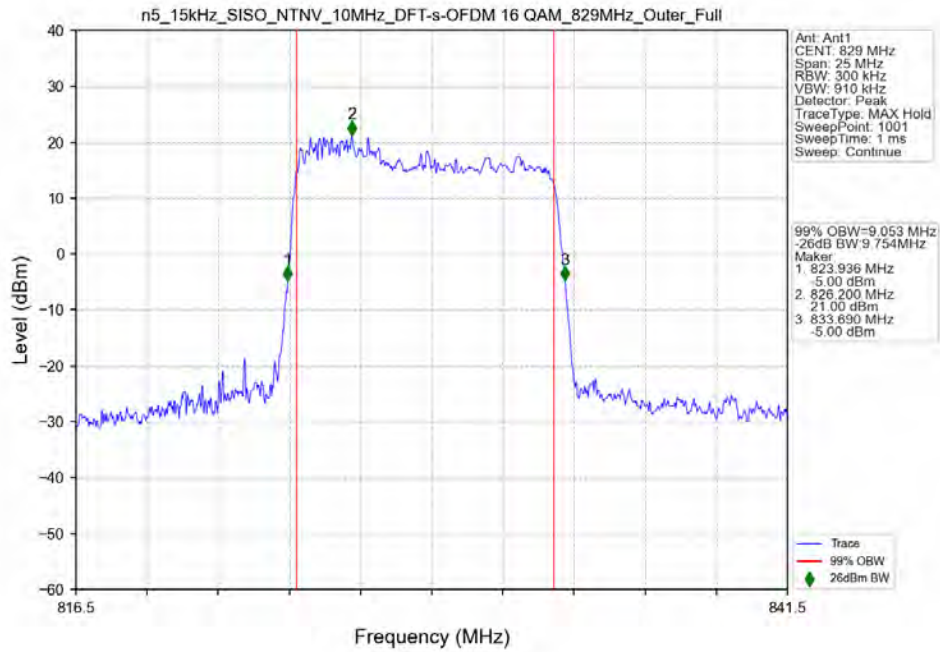
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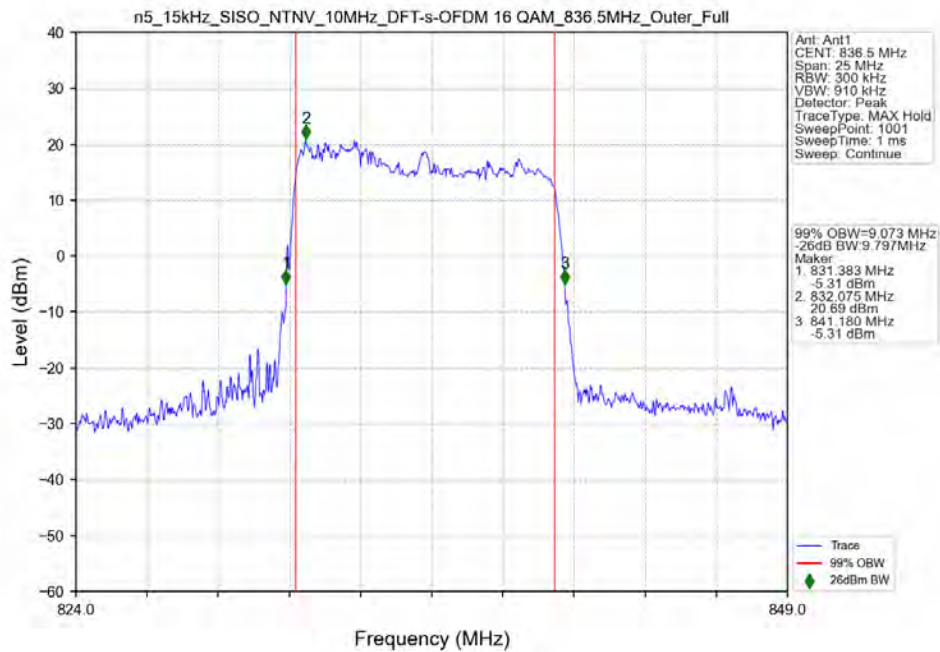
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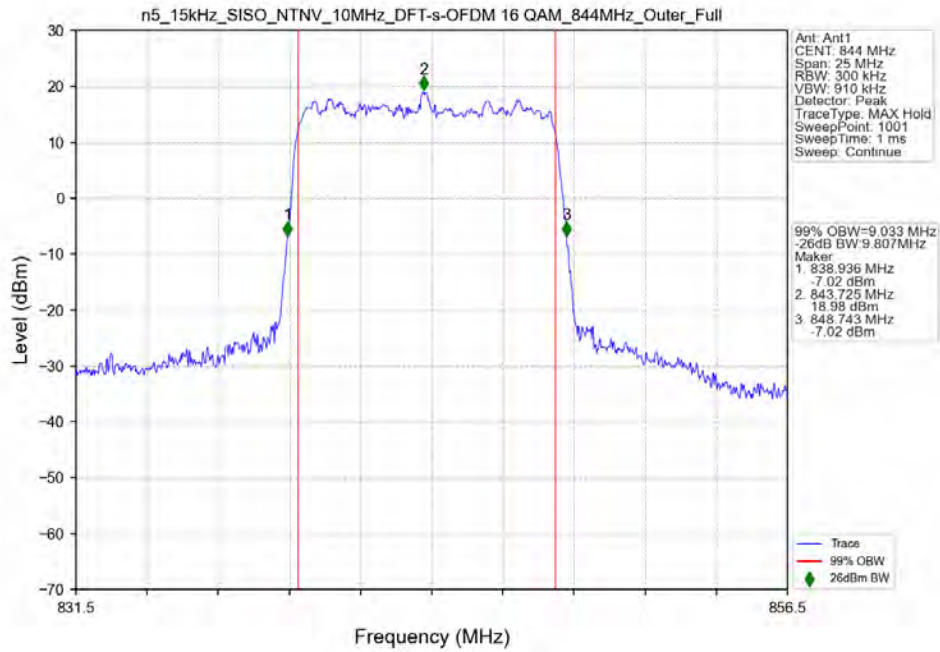
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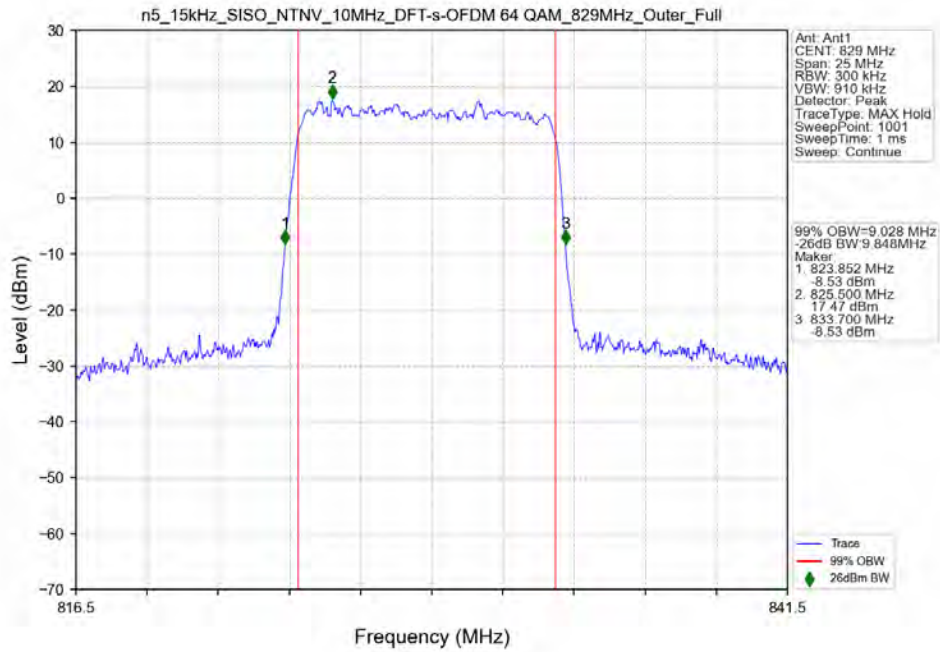
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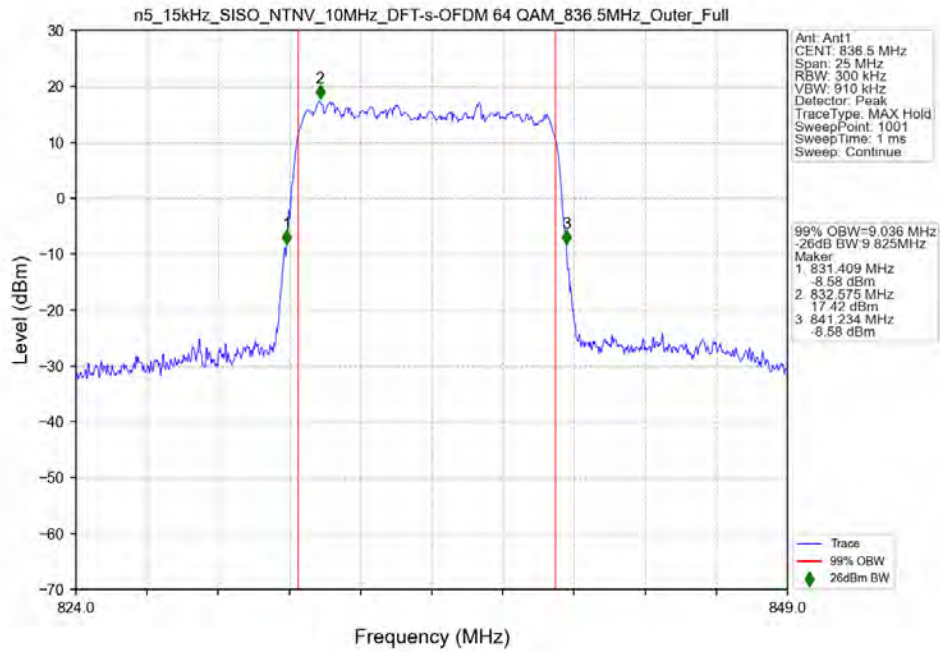
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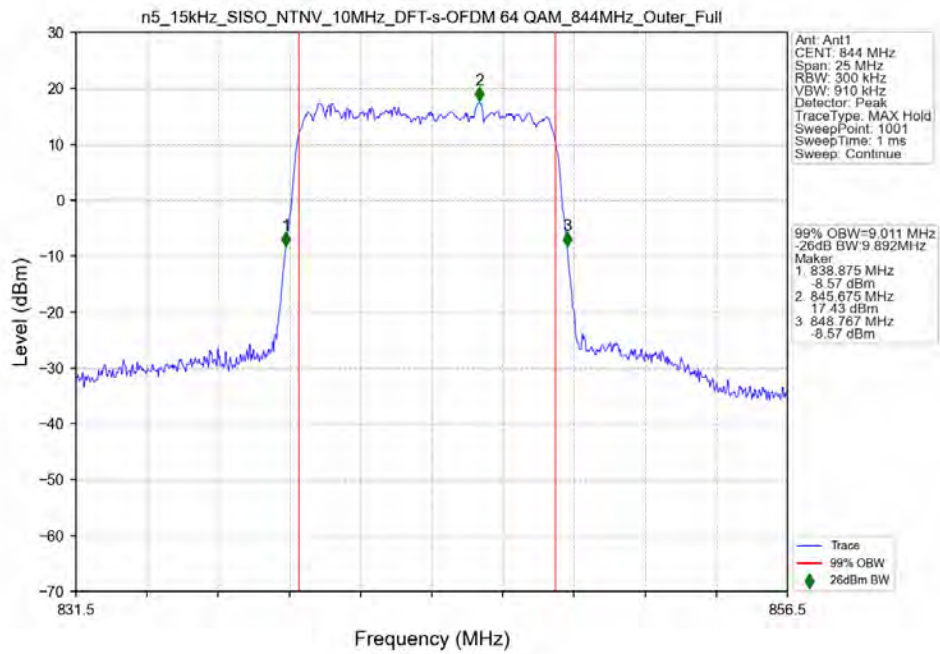
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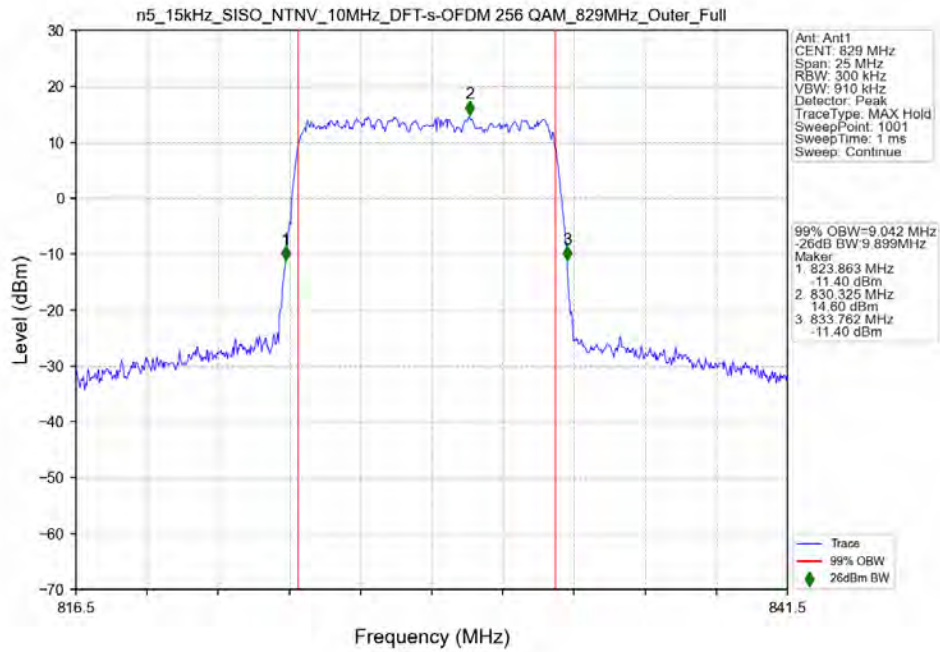
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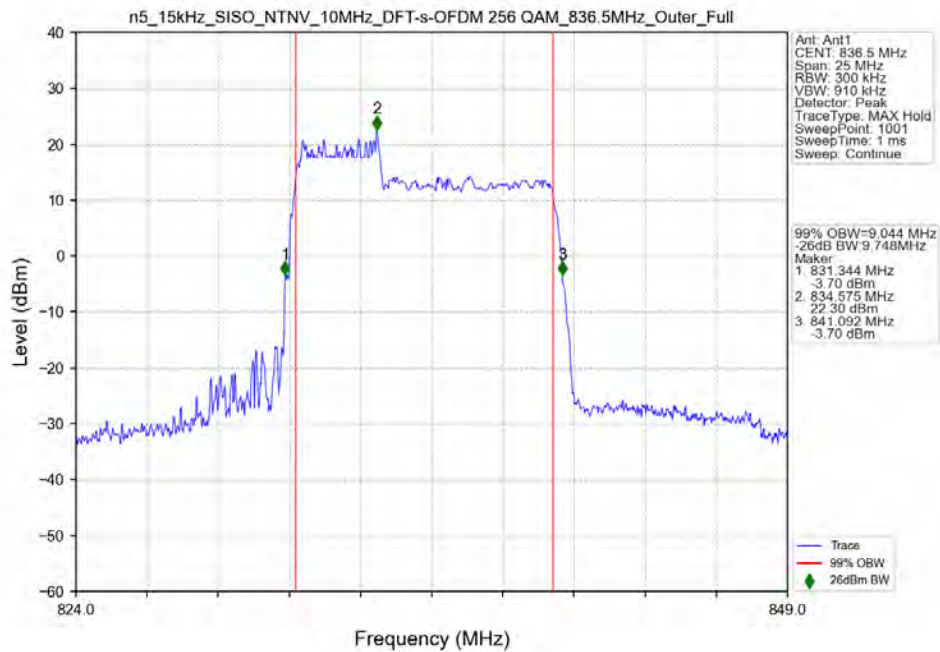
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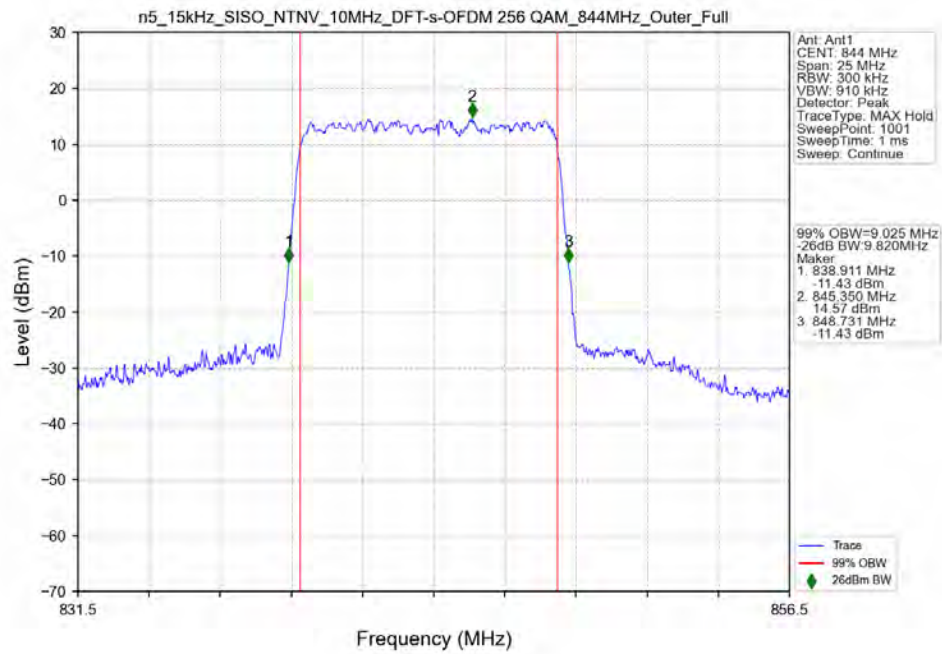
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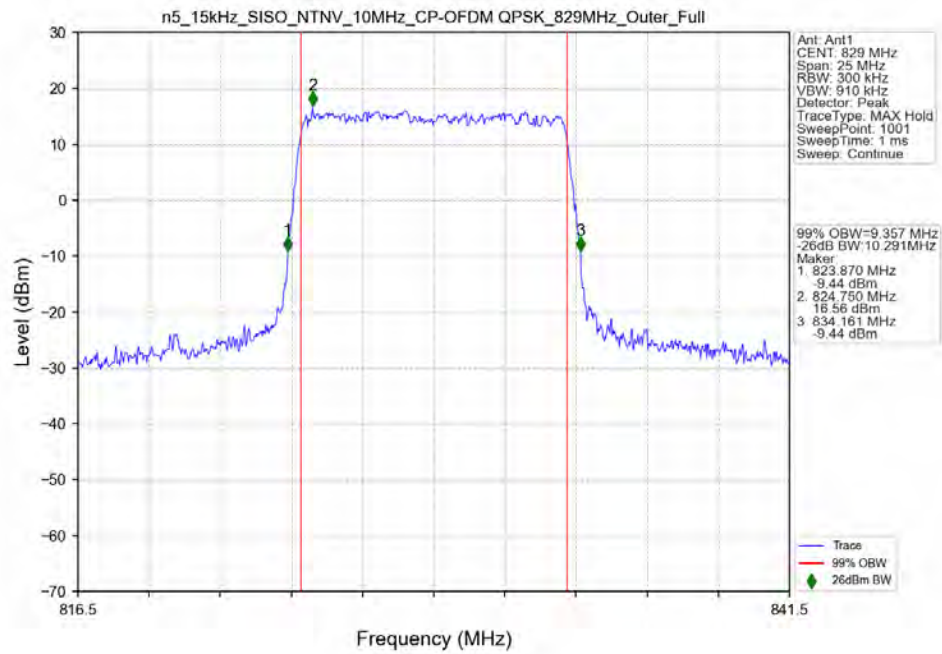
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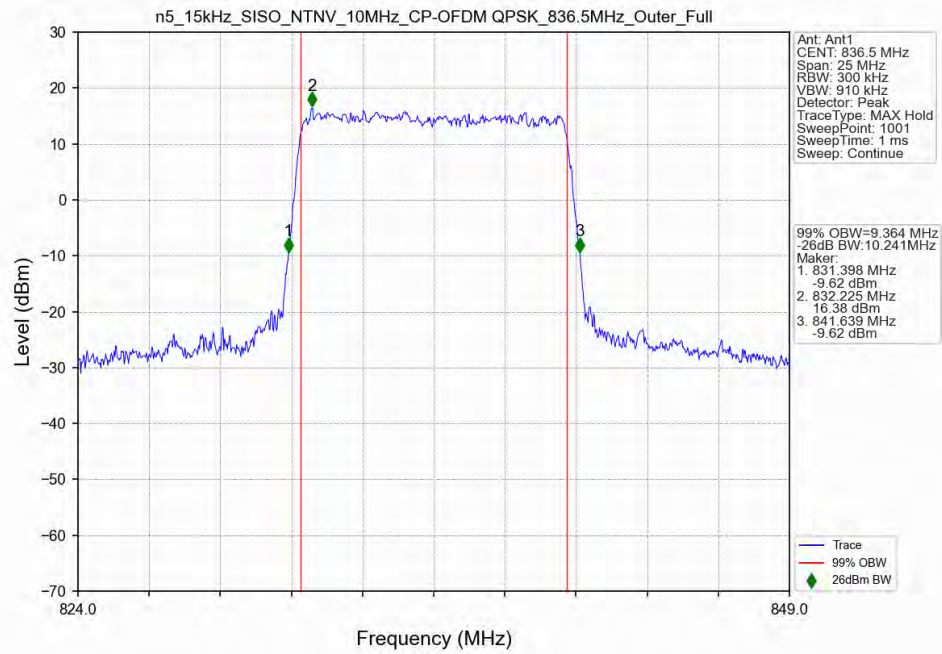
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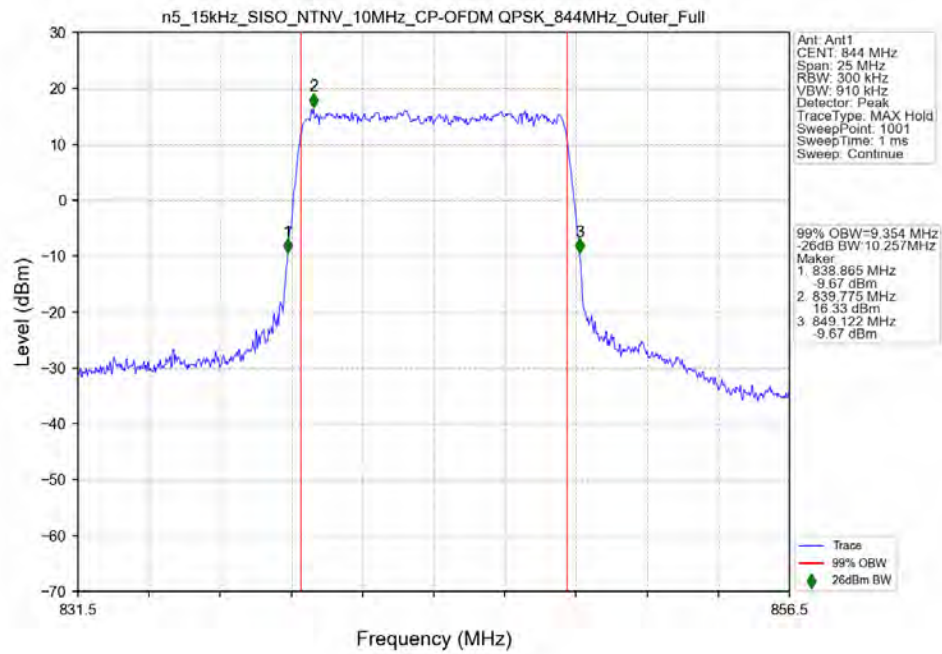
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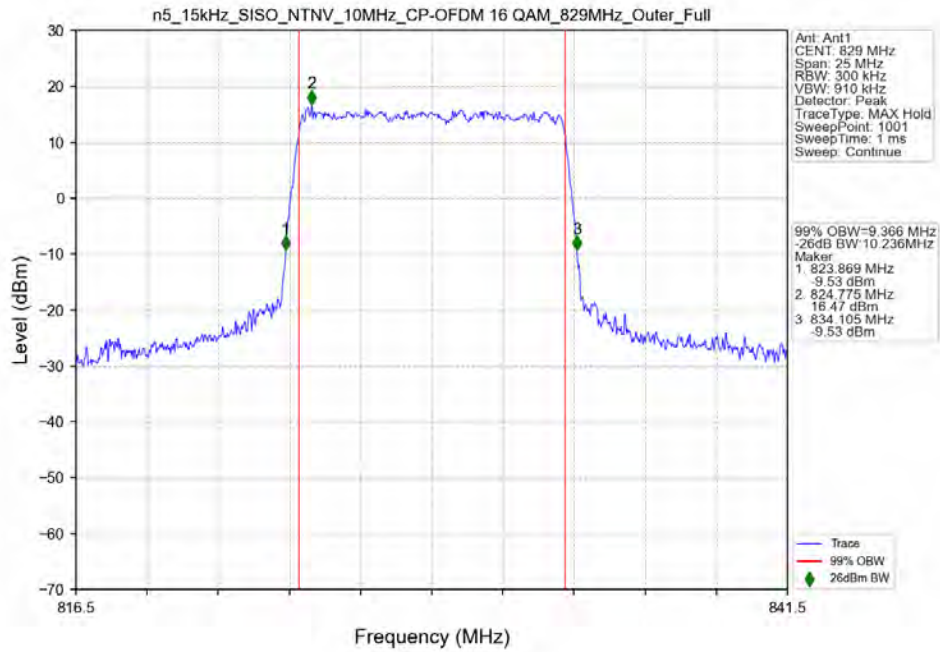
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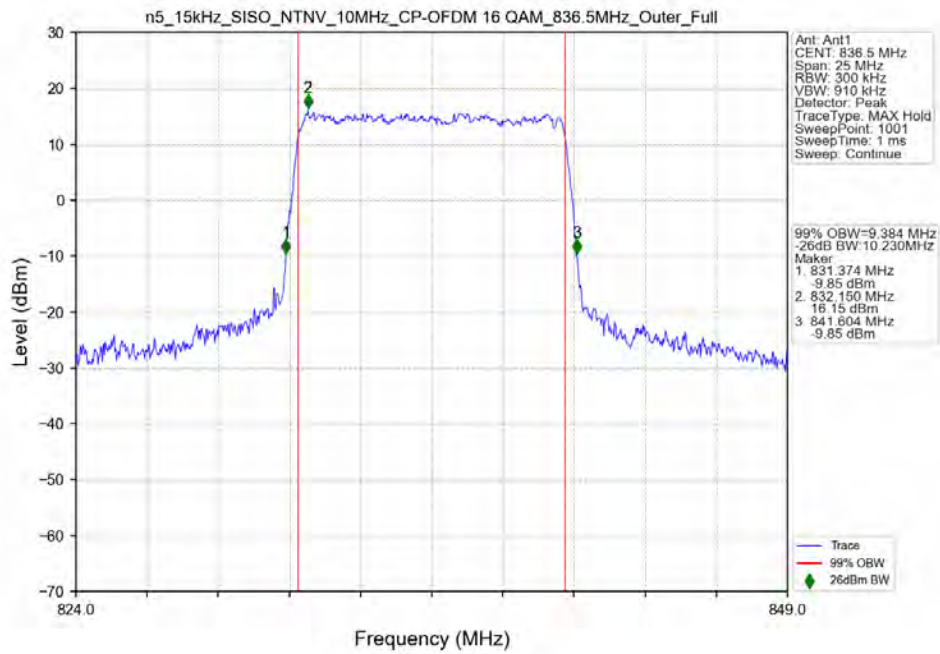
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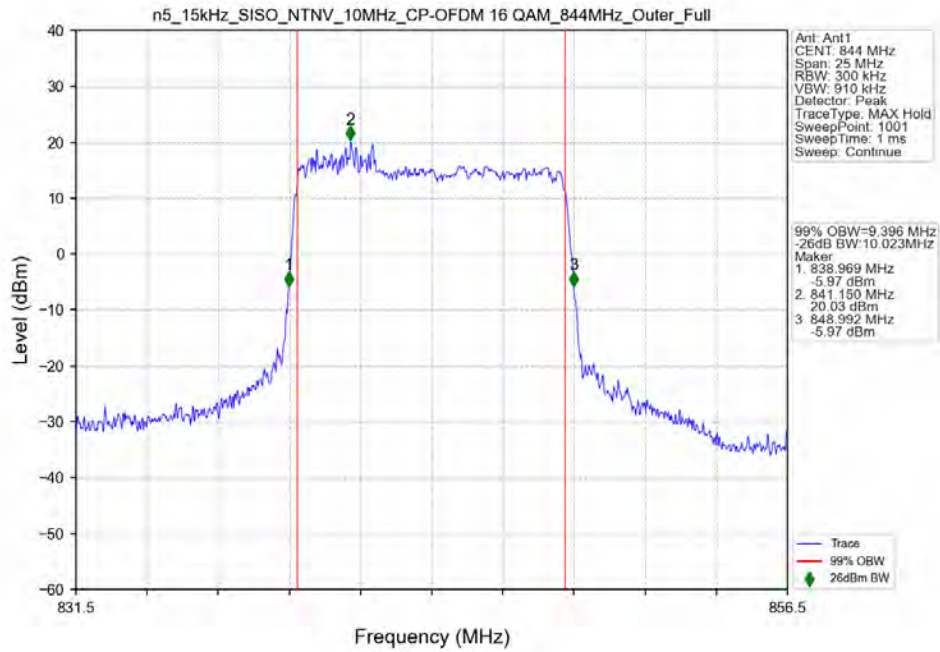
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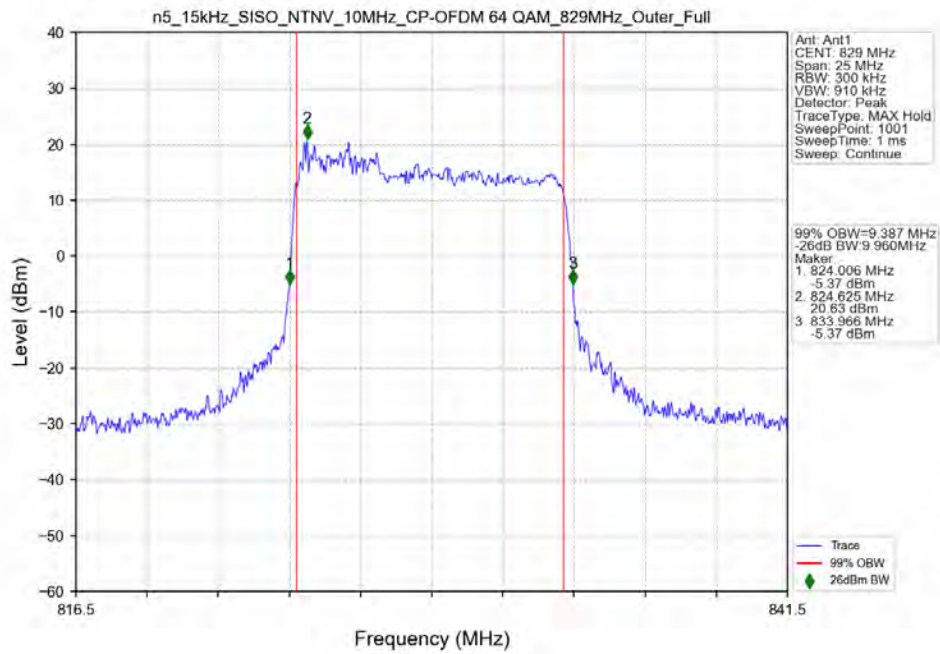
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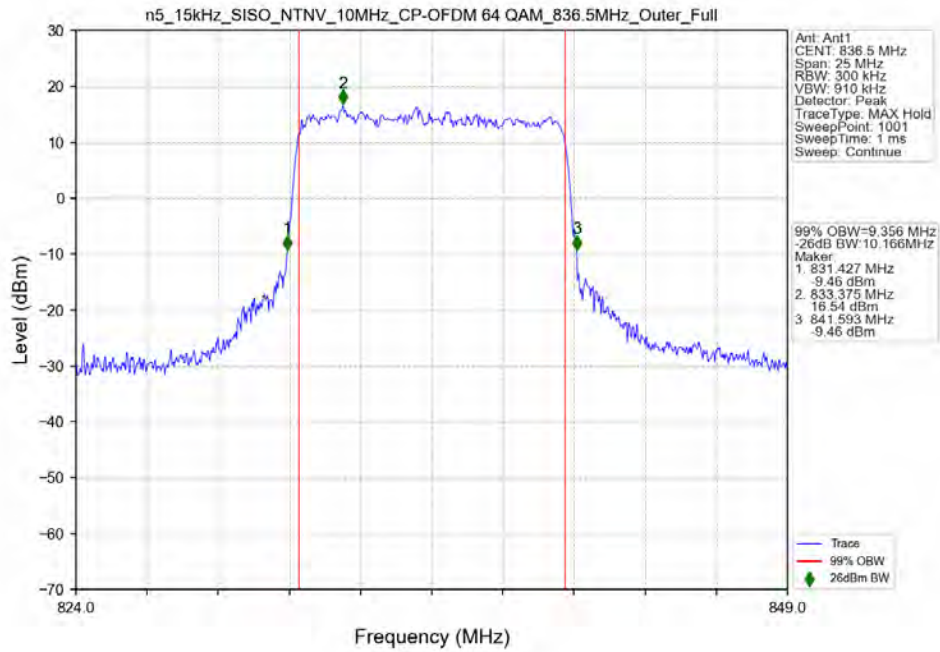
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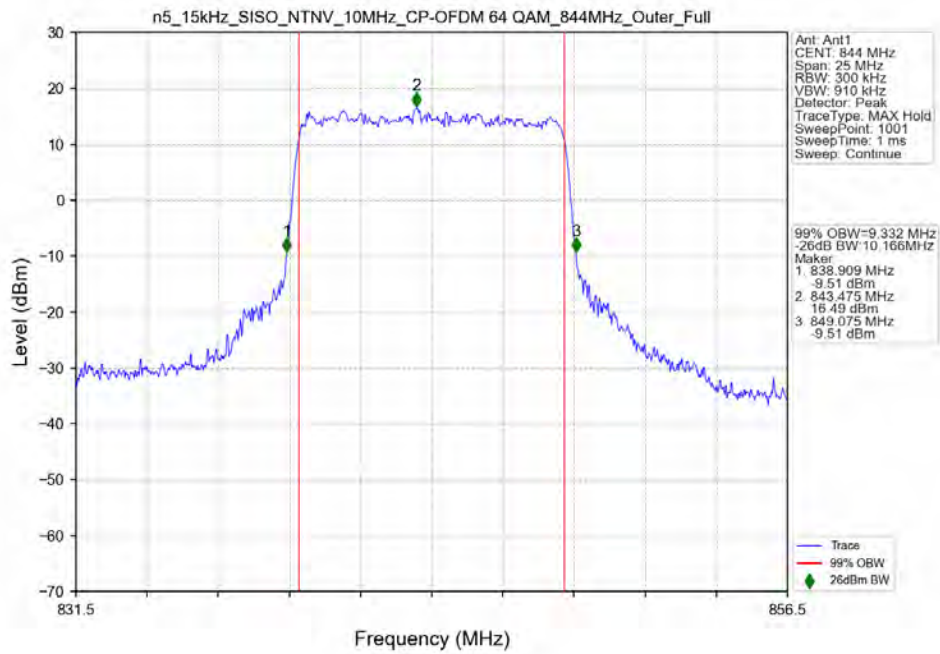
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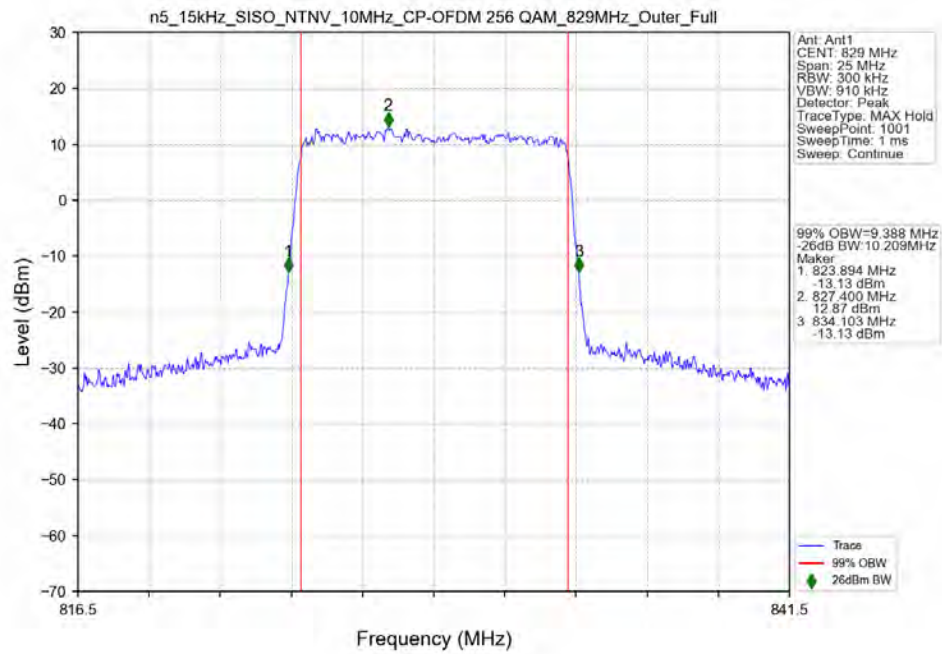
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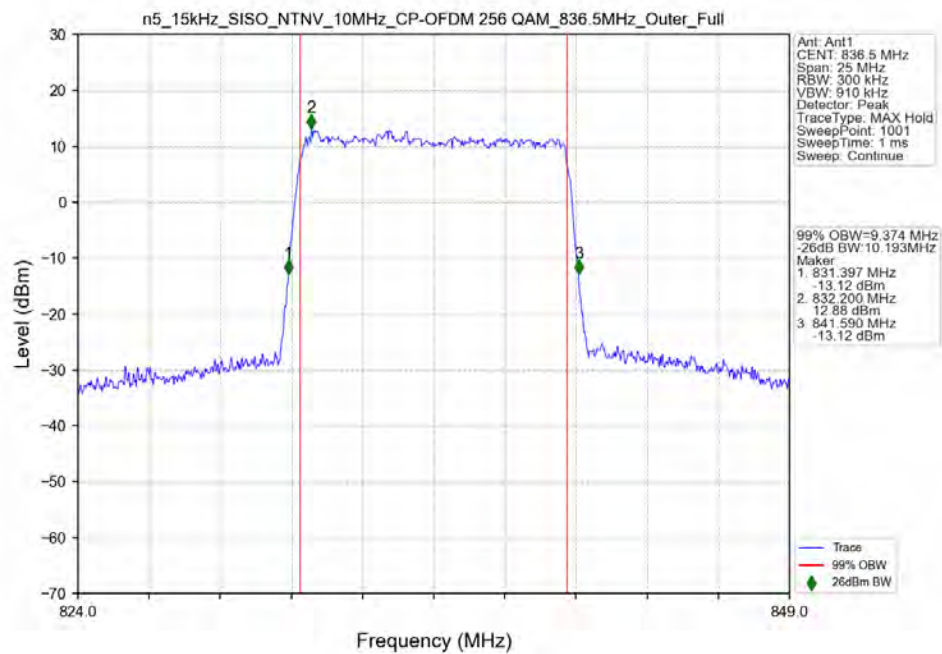
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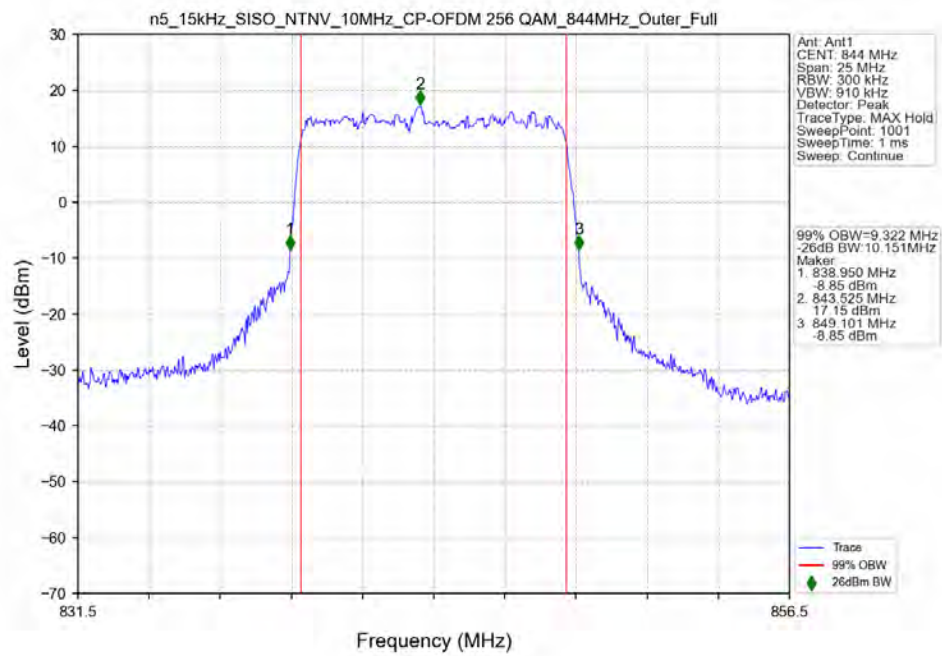
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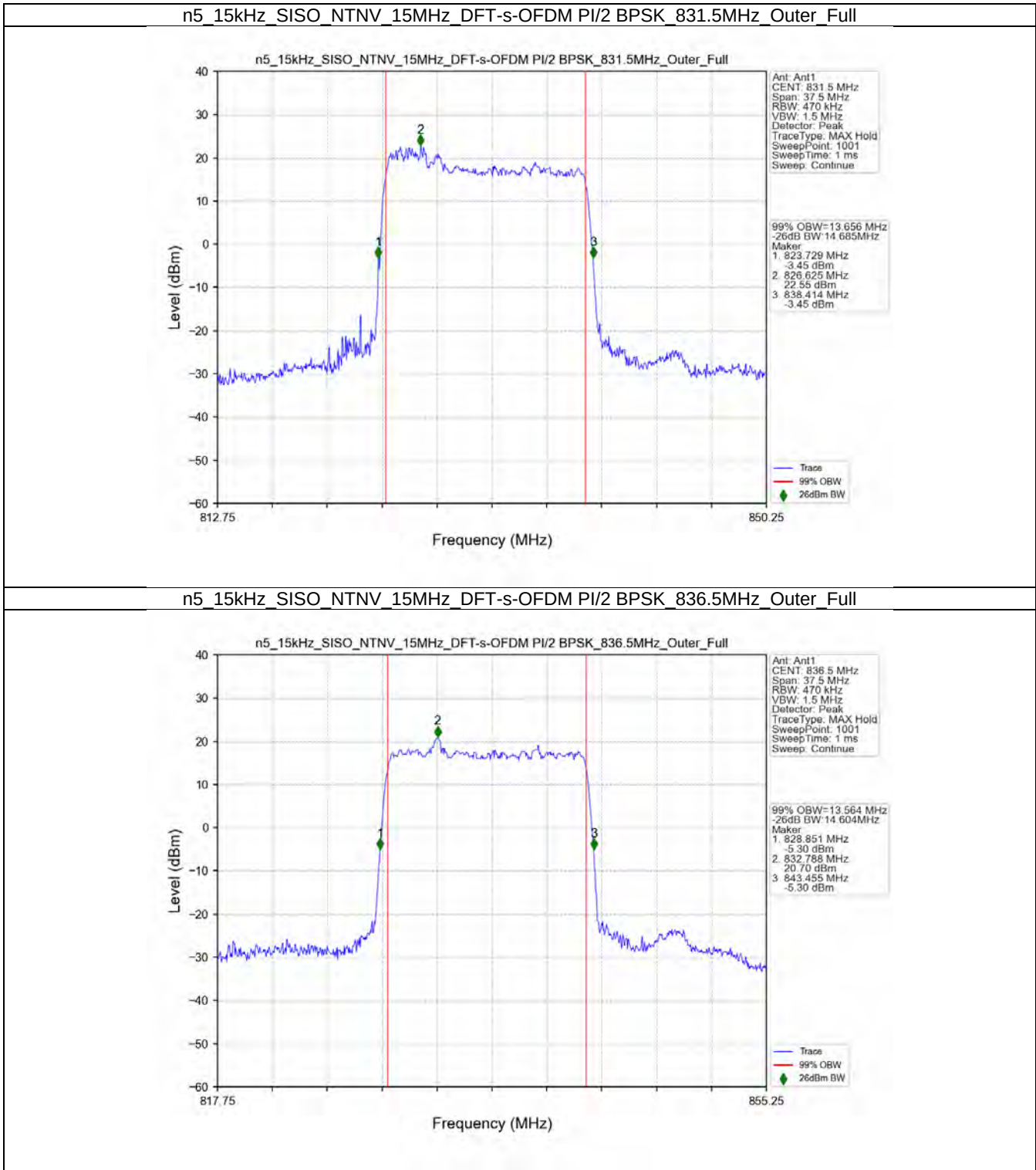
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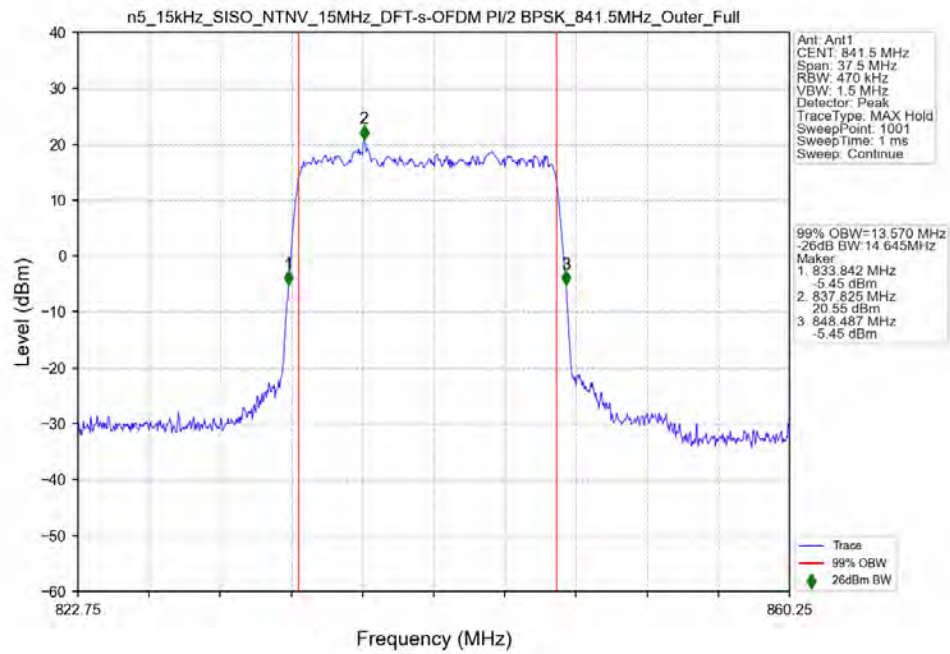
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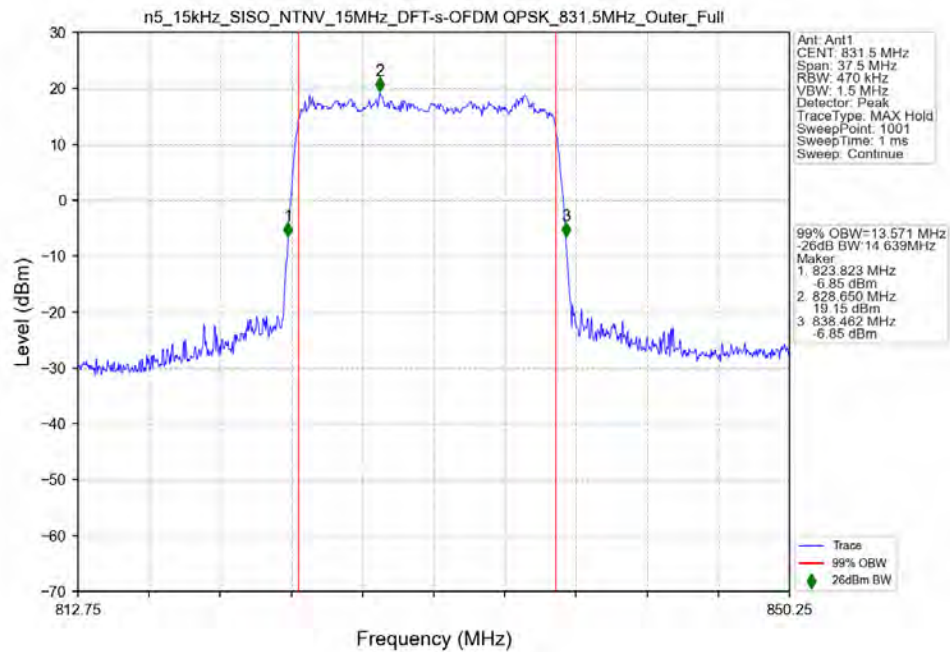
3.2.3 15k_SISO_15MHz_NTNV



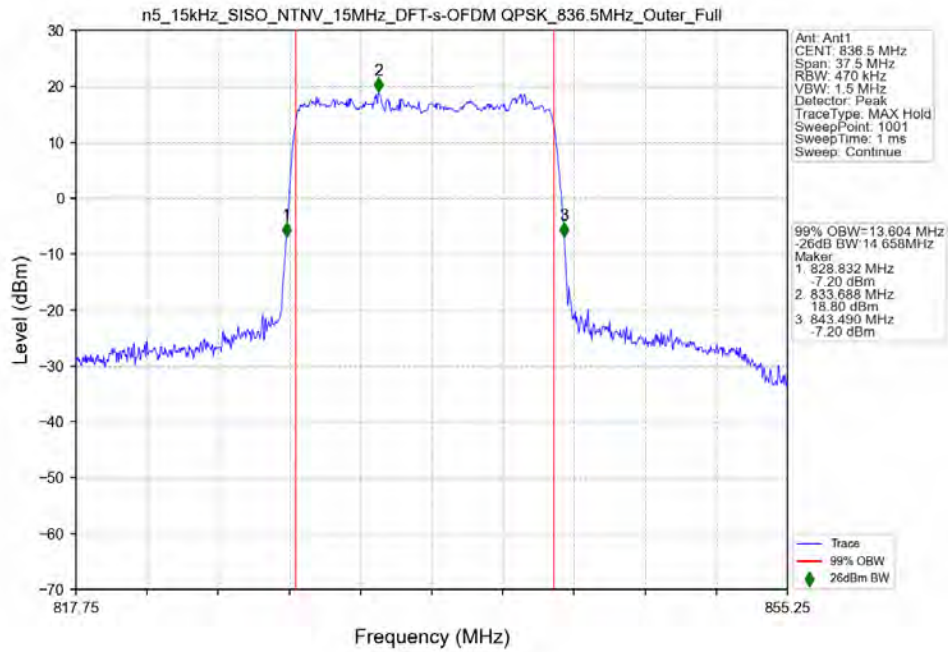
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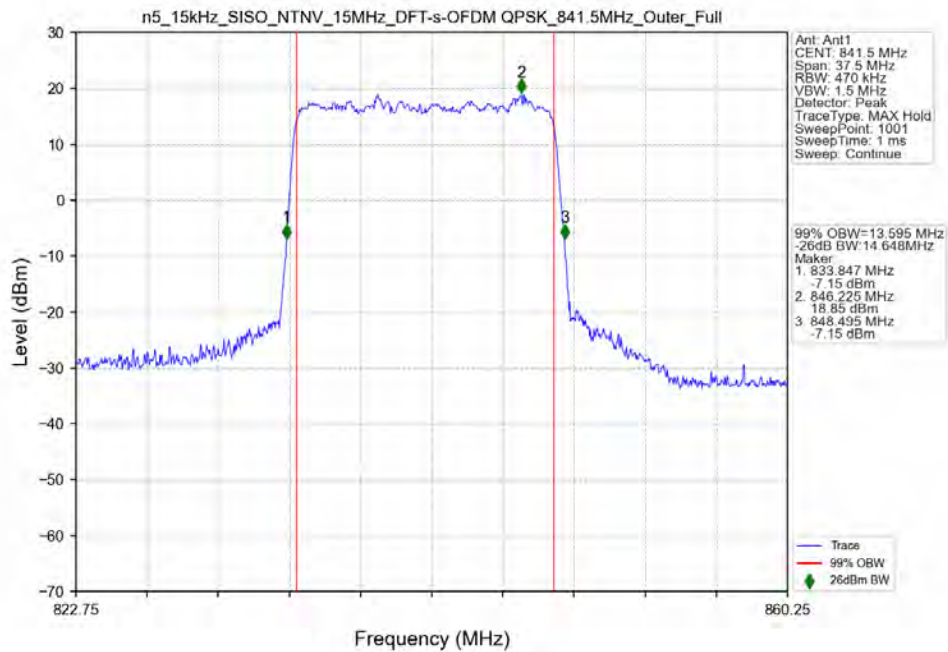
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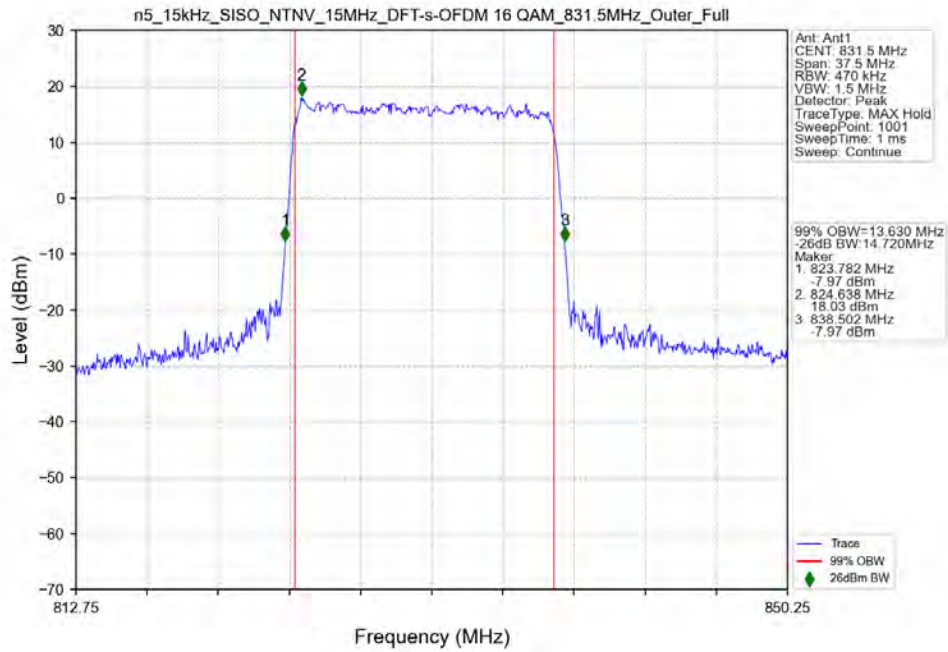
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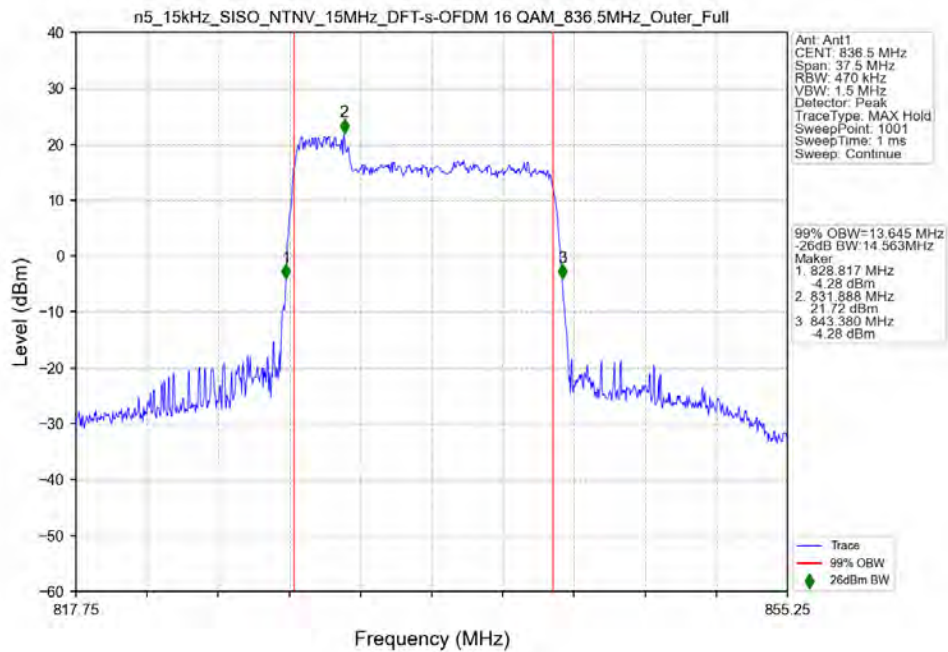
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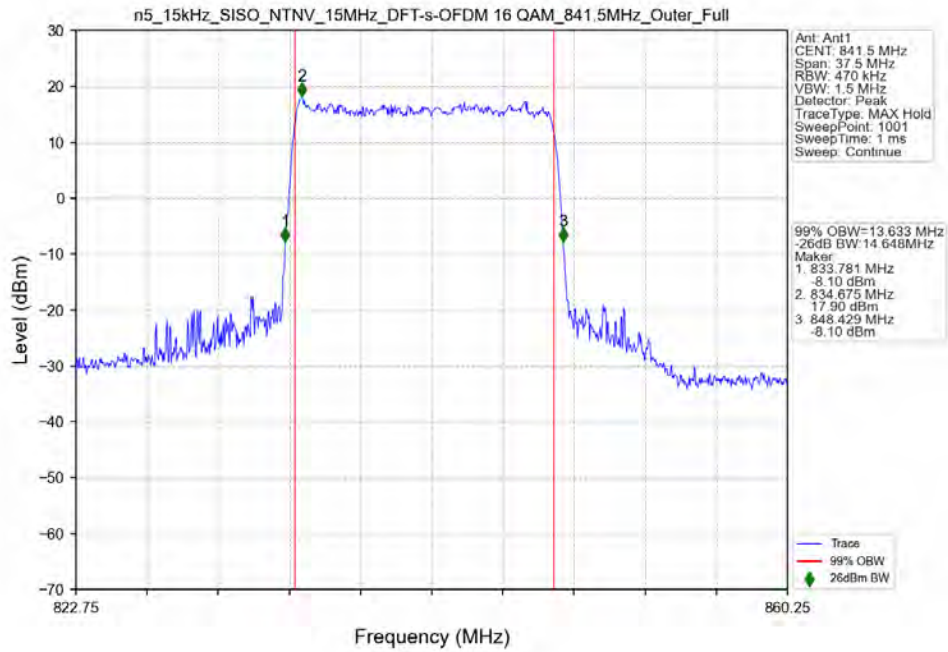
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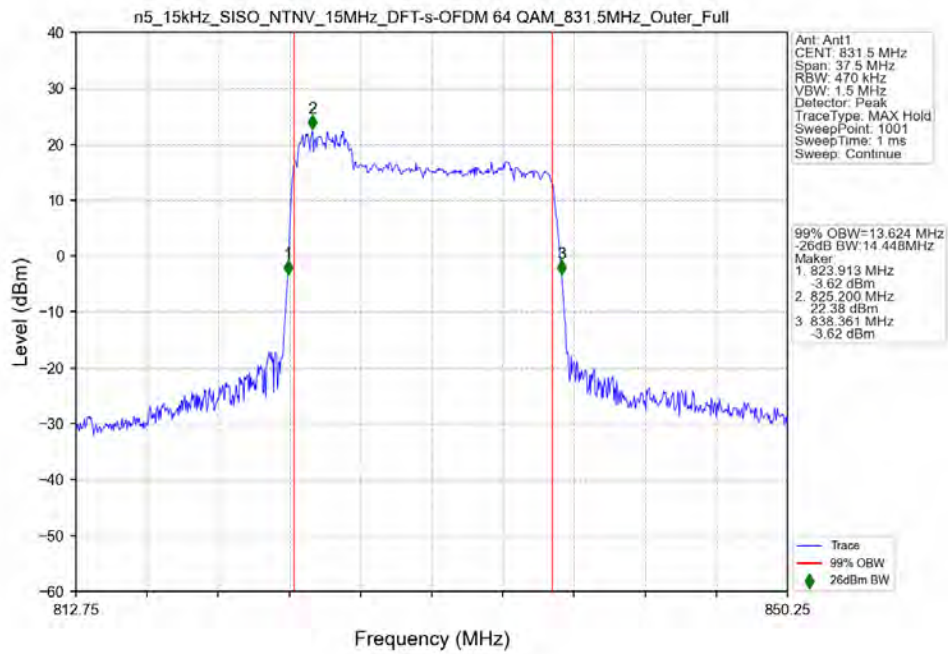
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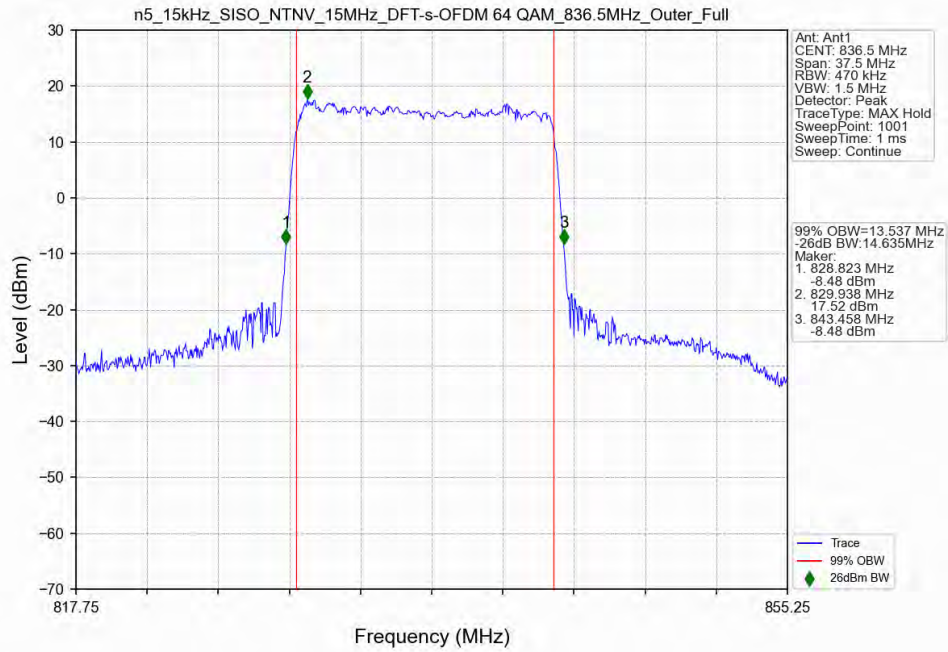
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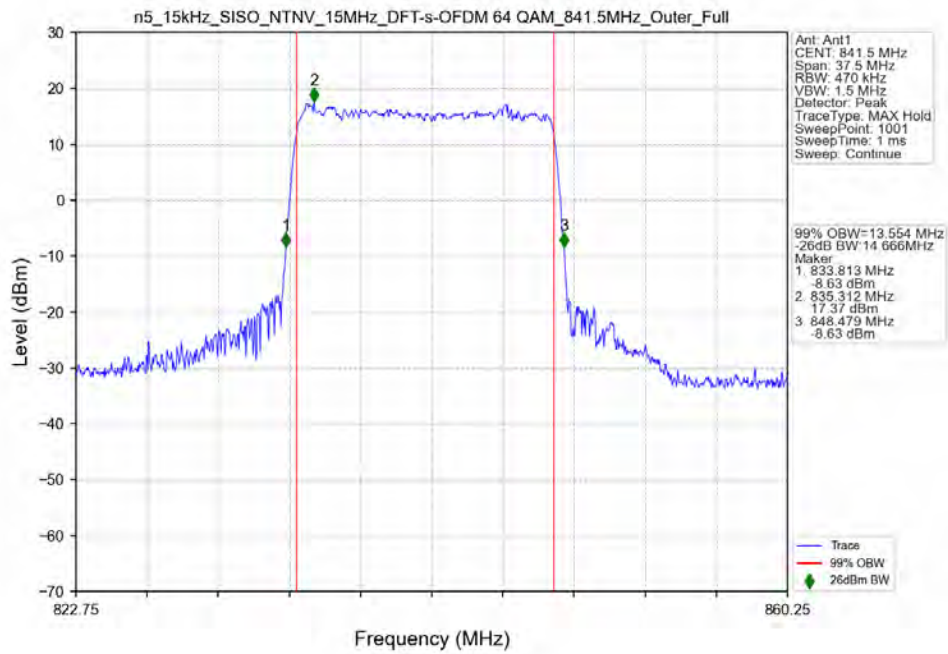
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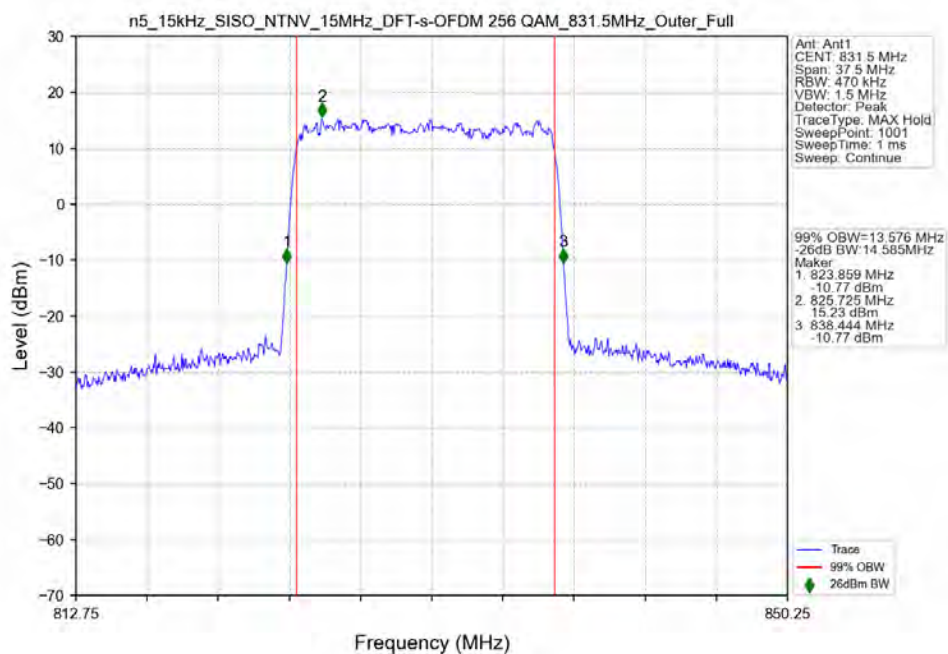
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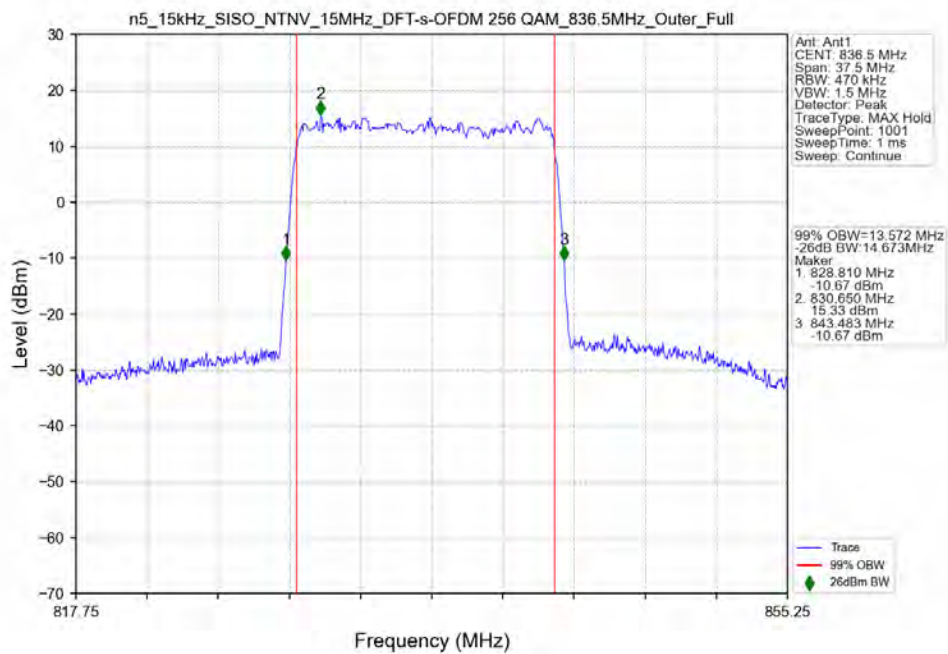
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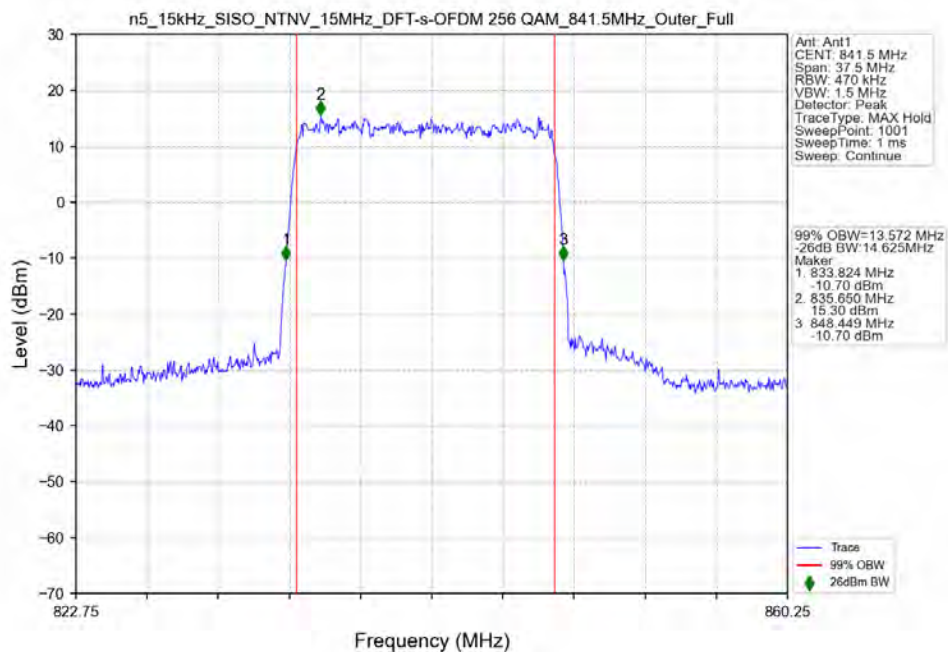
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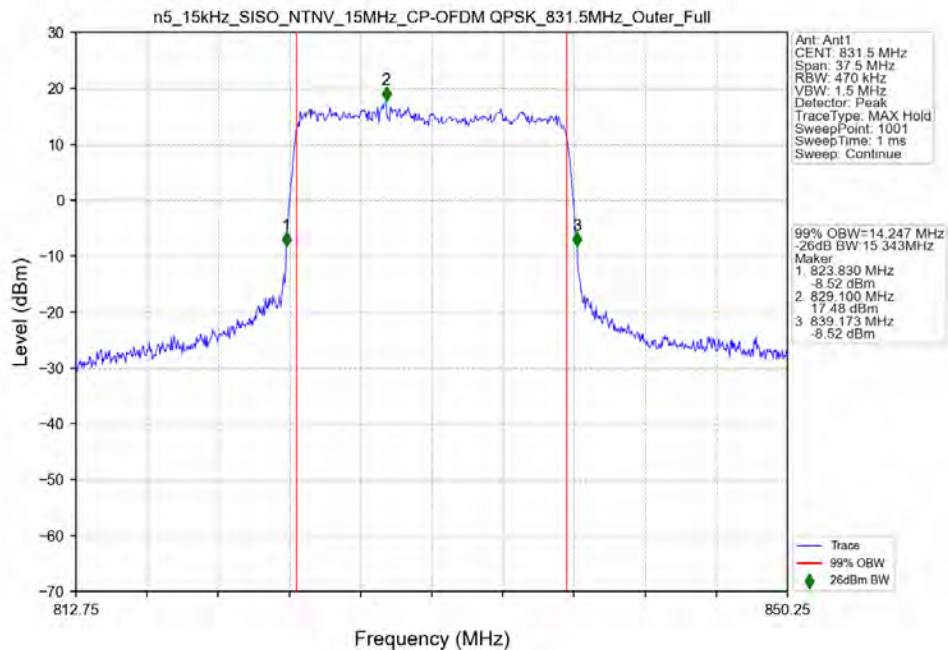
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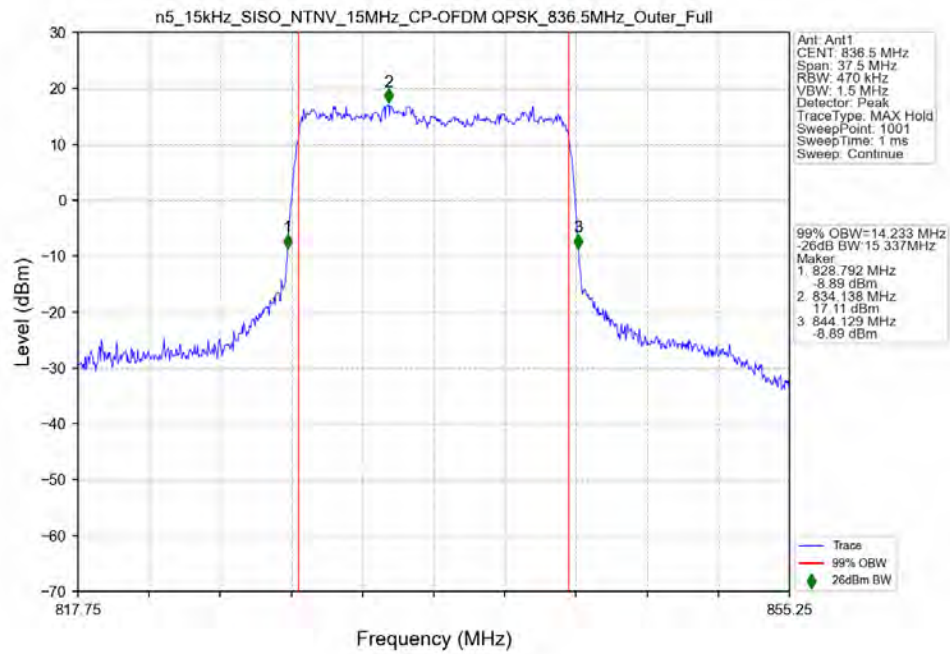
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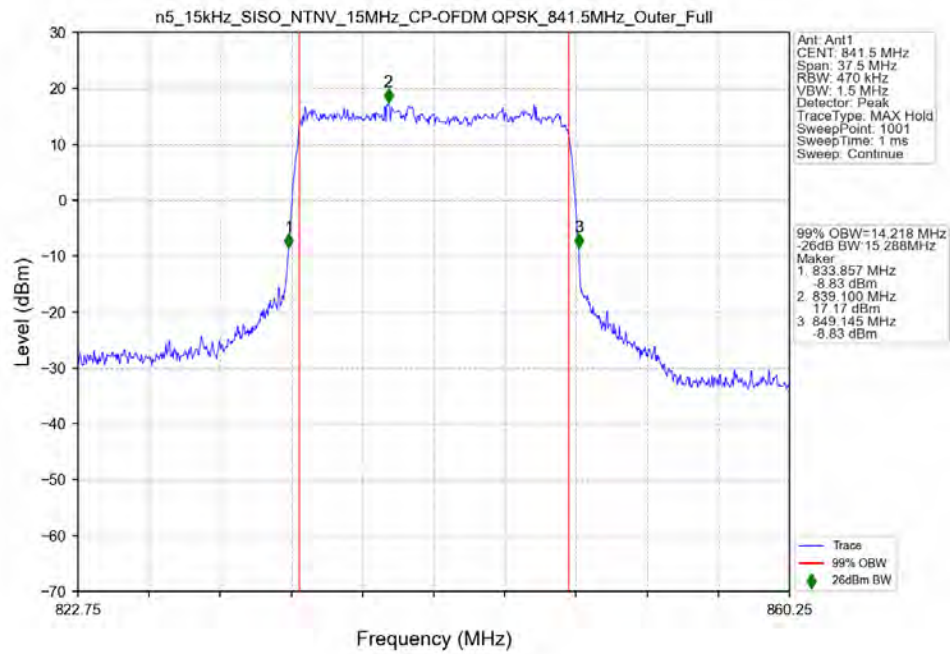
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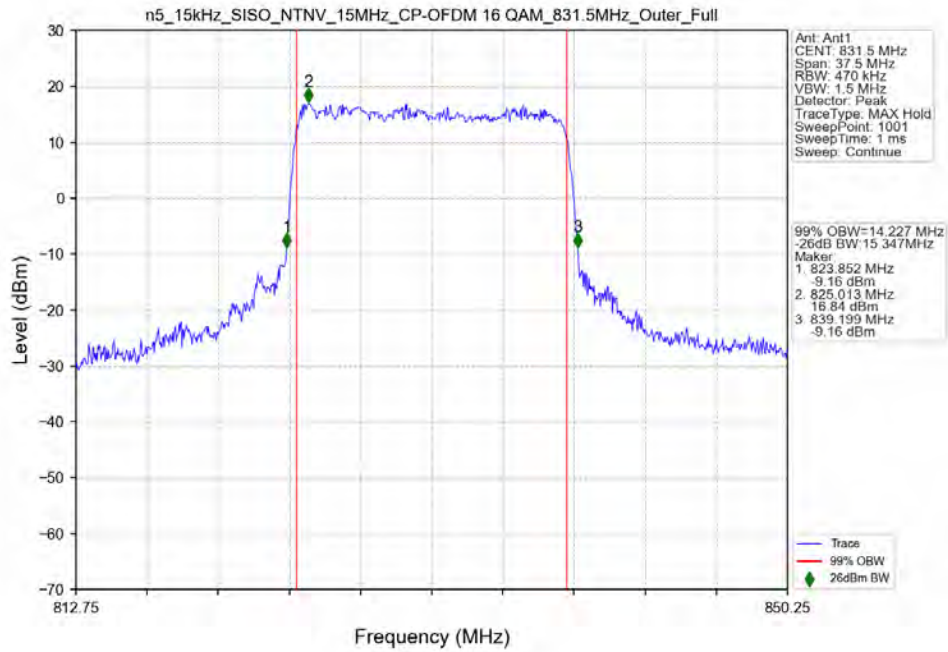
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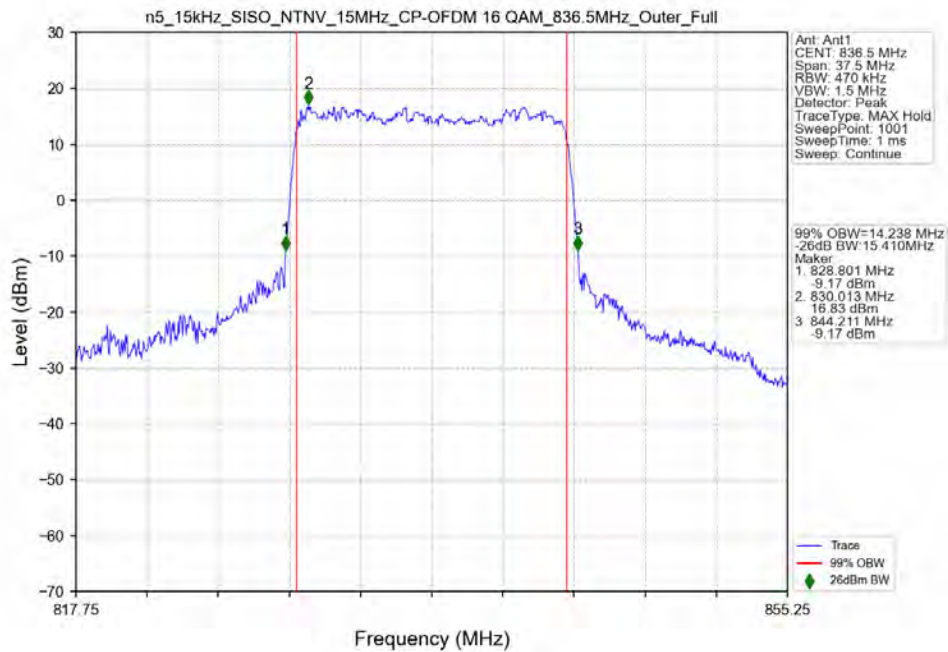
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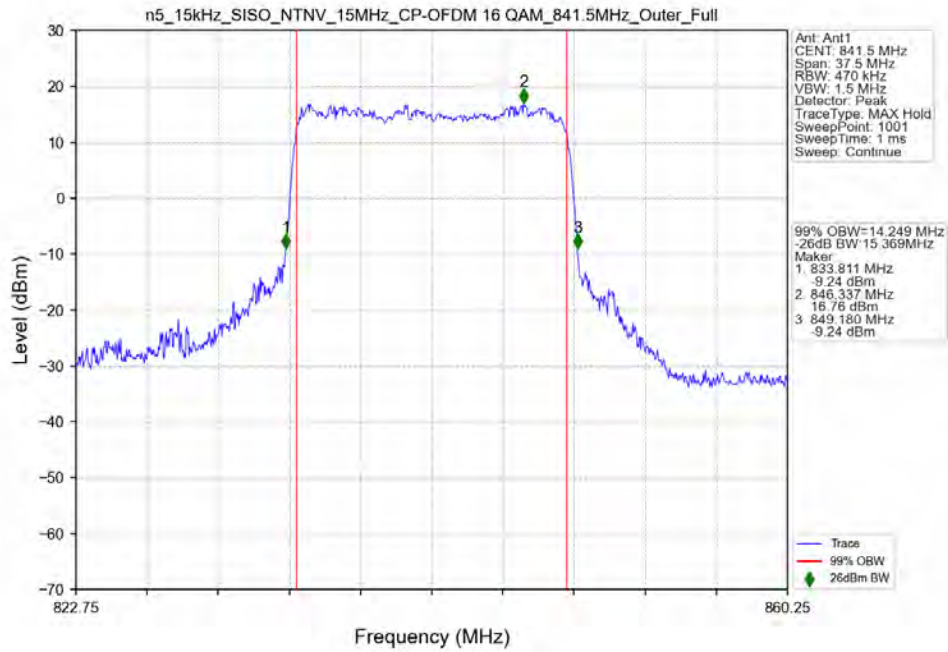
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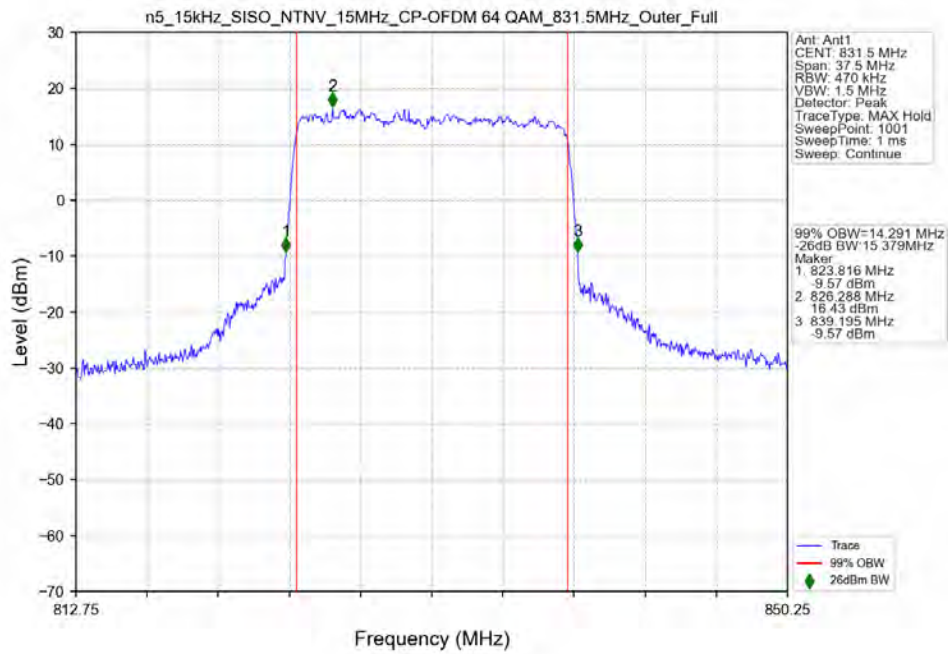
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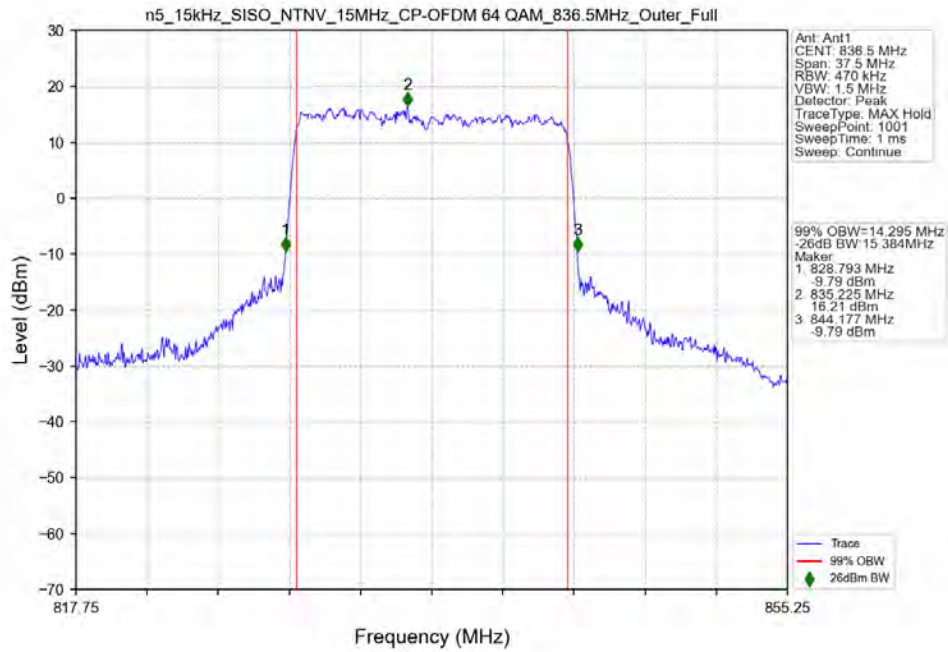
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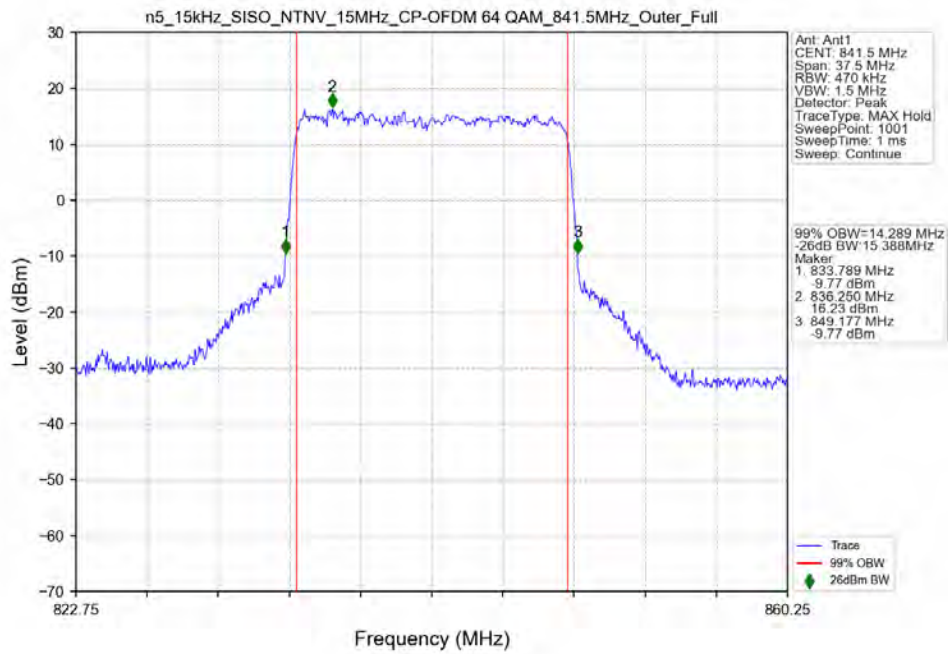
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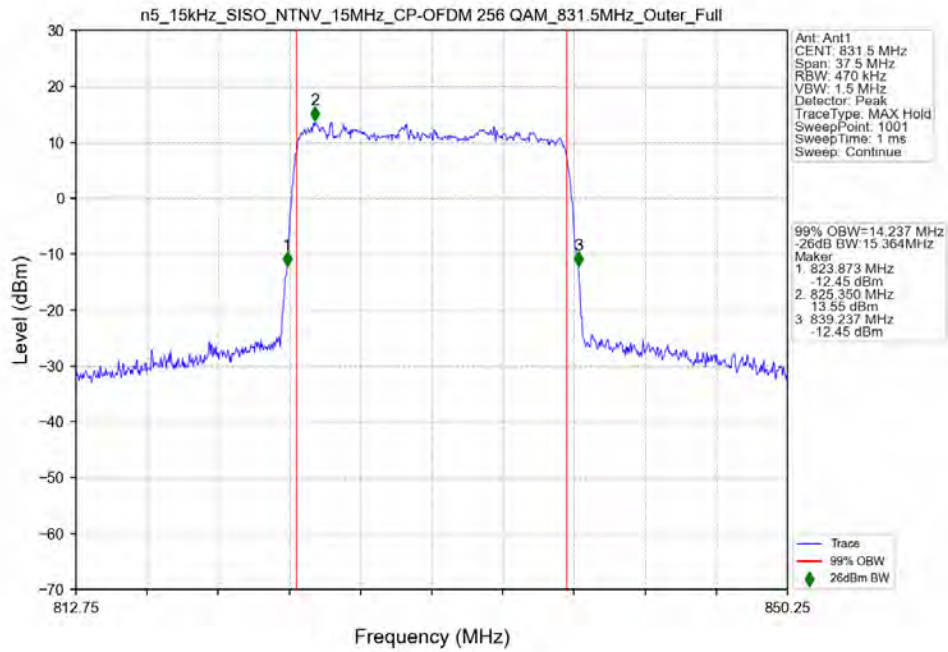
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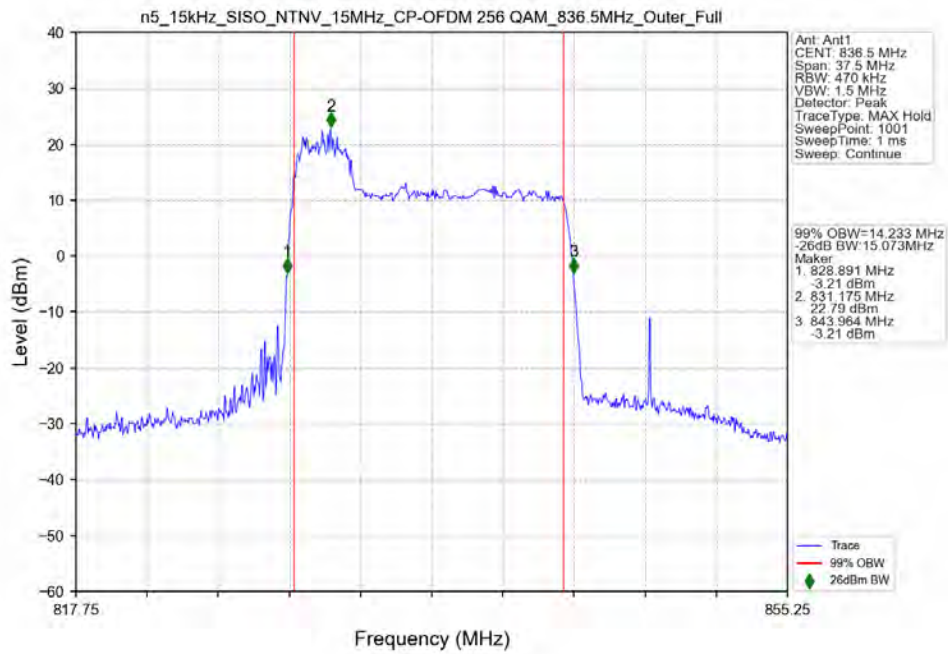
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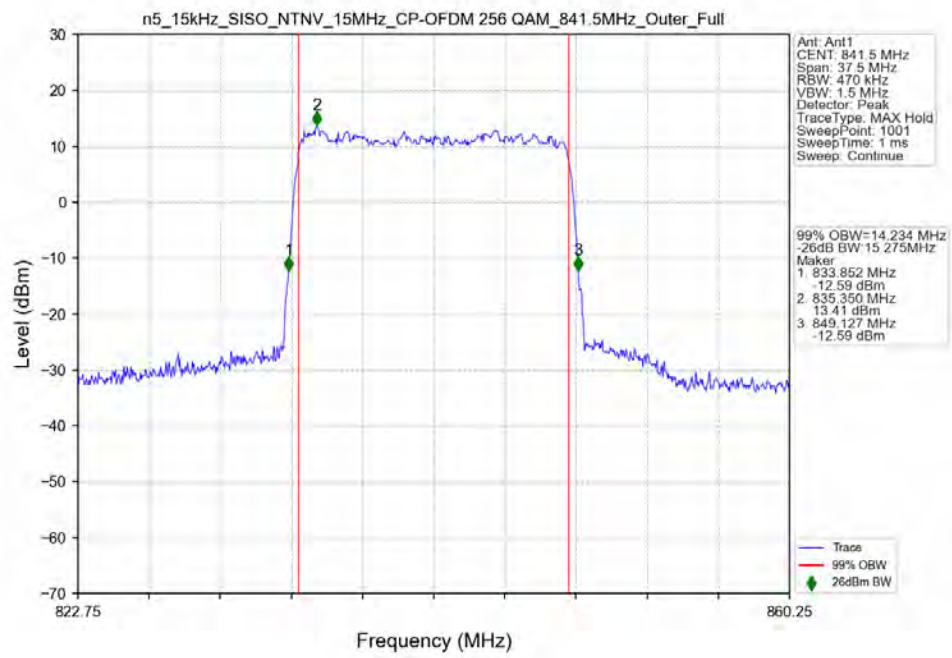
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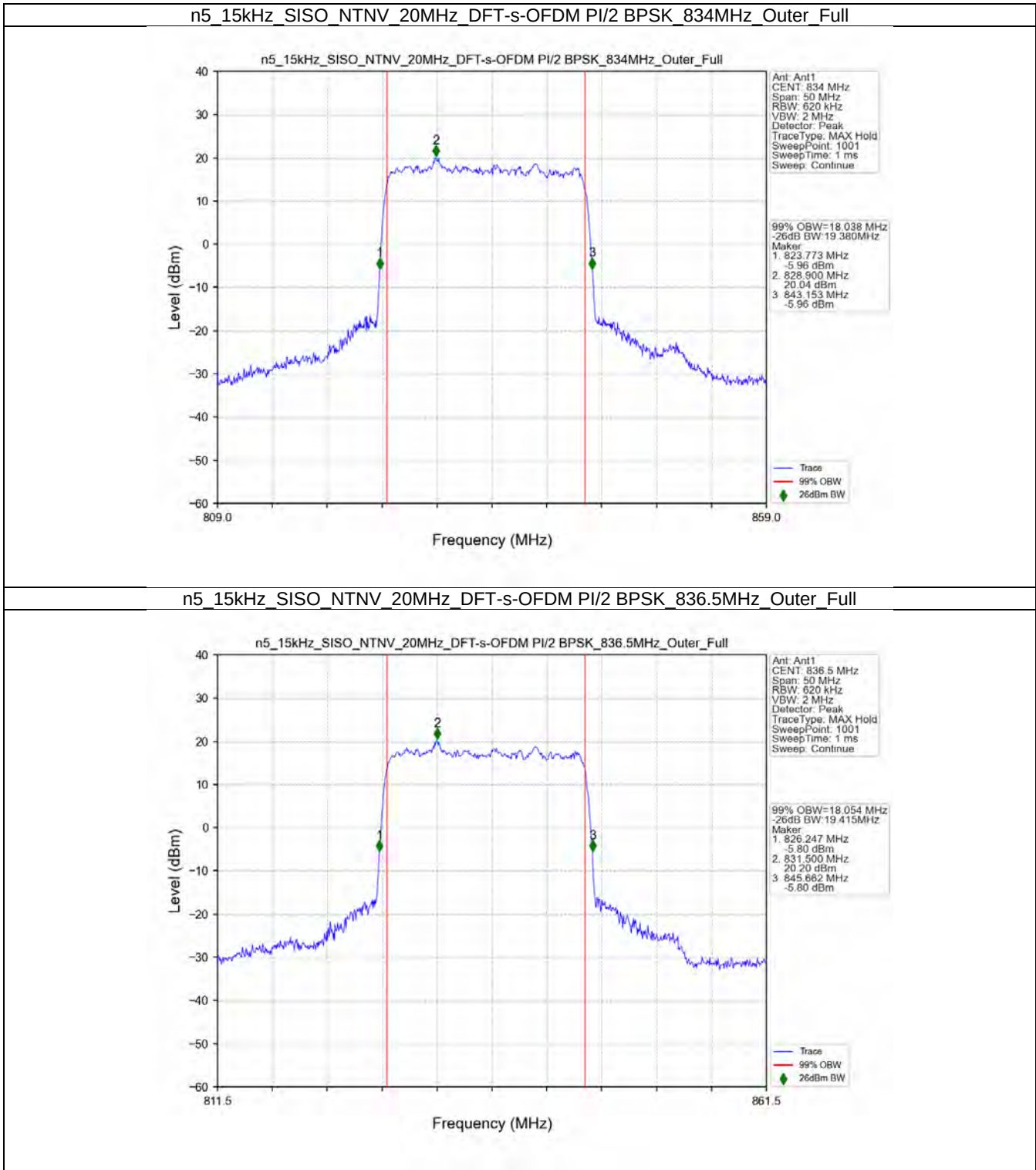
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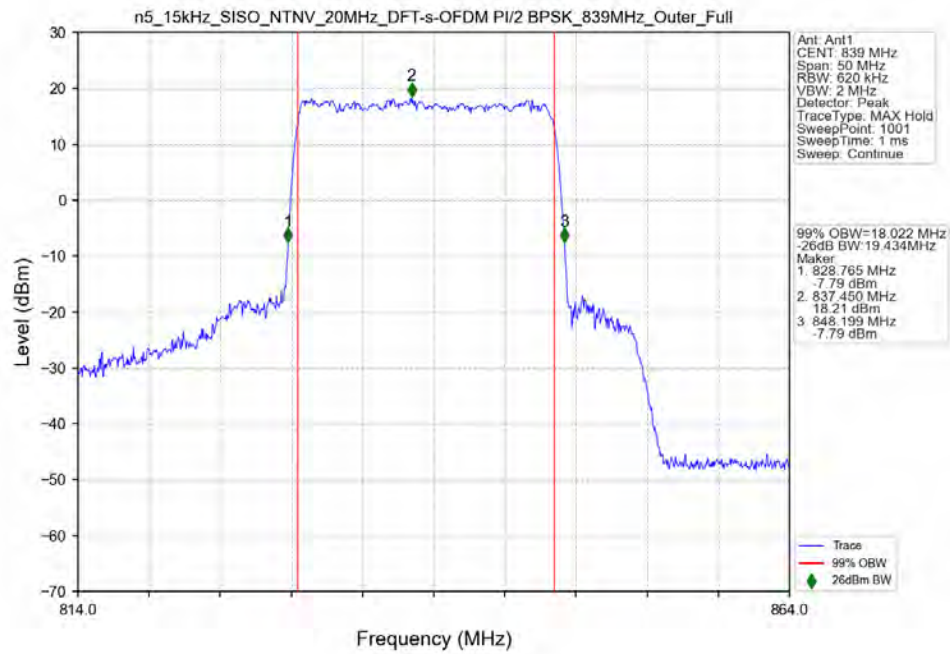
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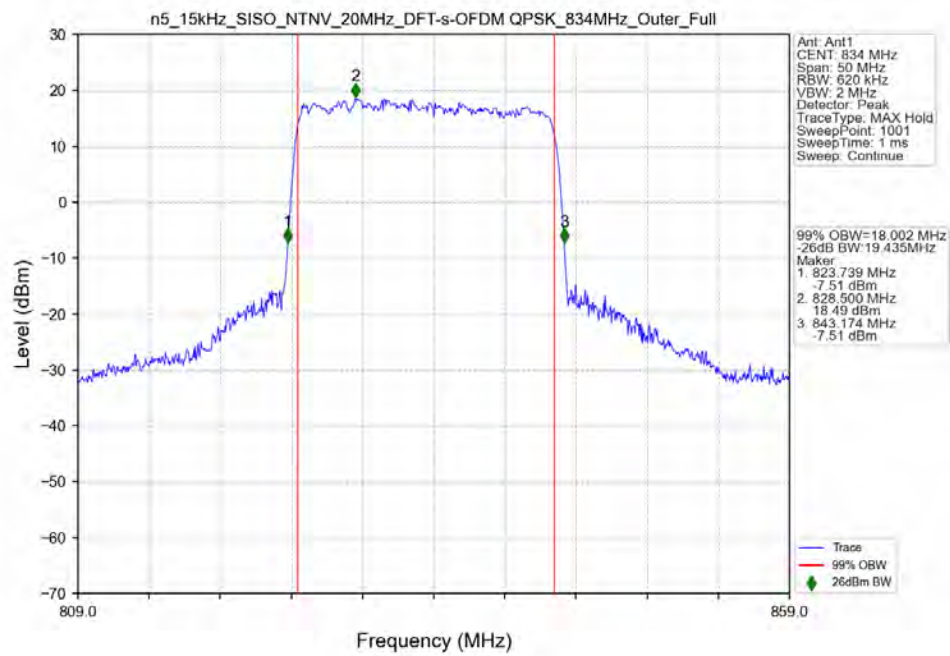
3.2.4 15k_SISO_20MHz_NTNV



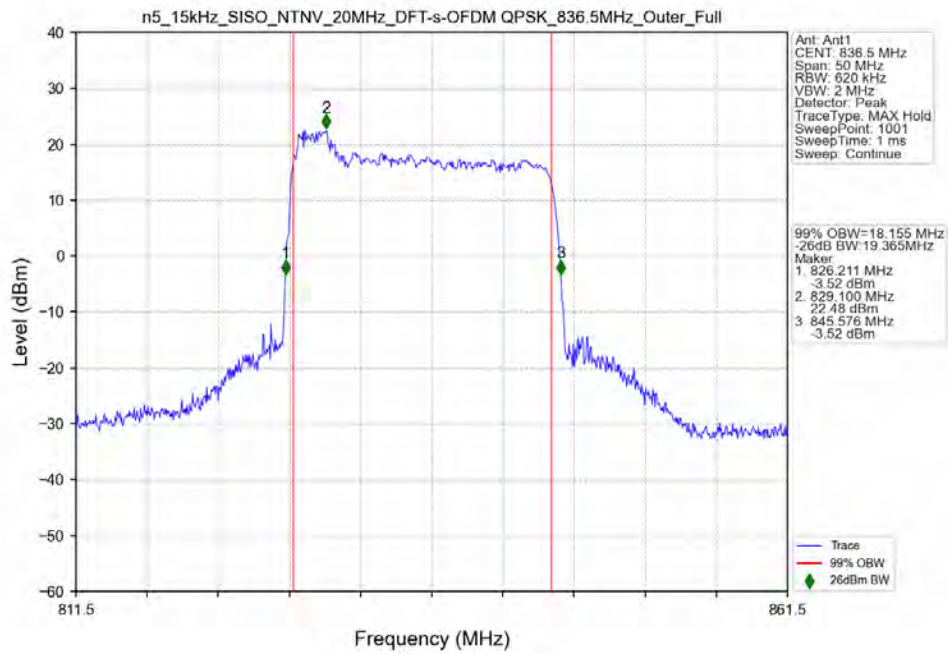
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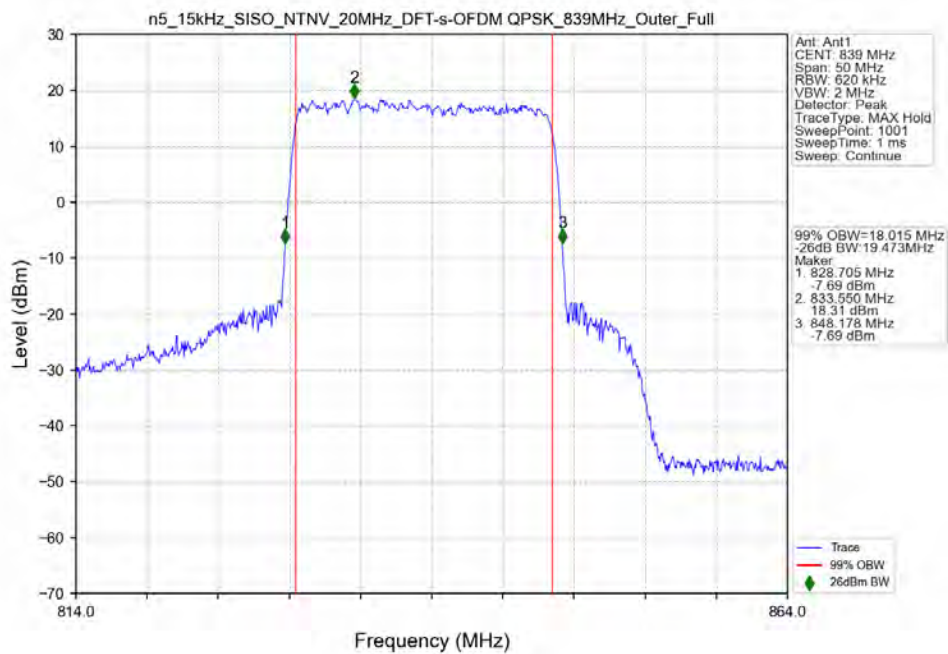
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full



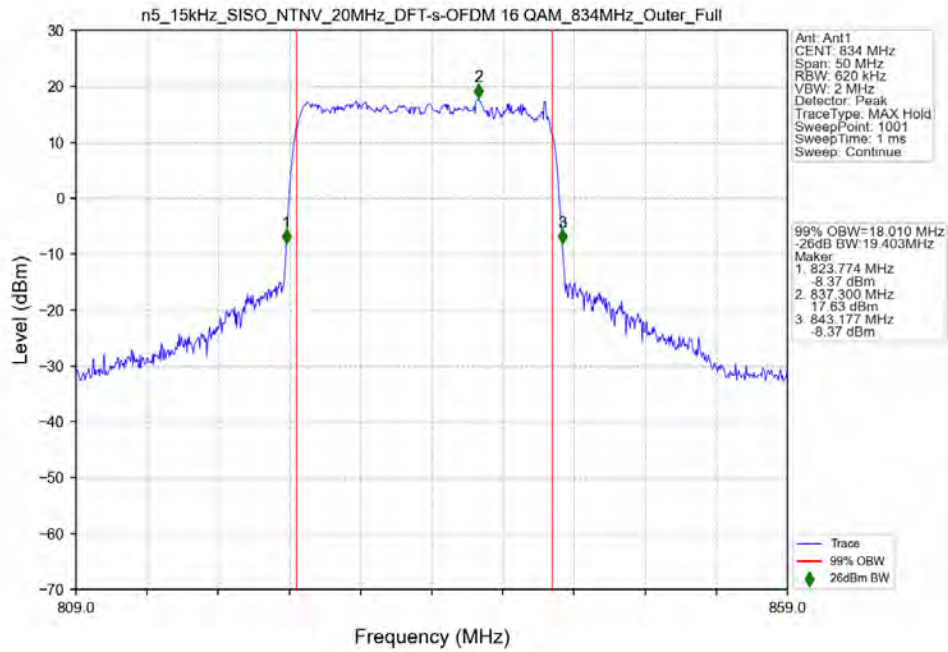
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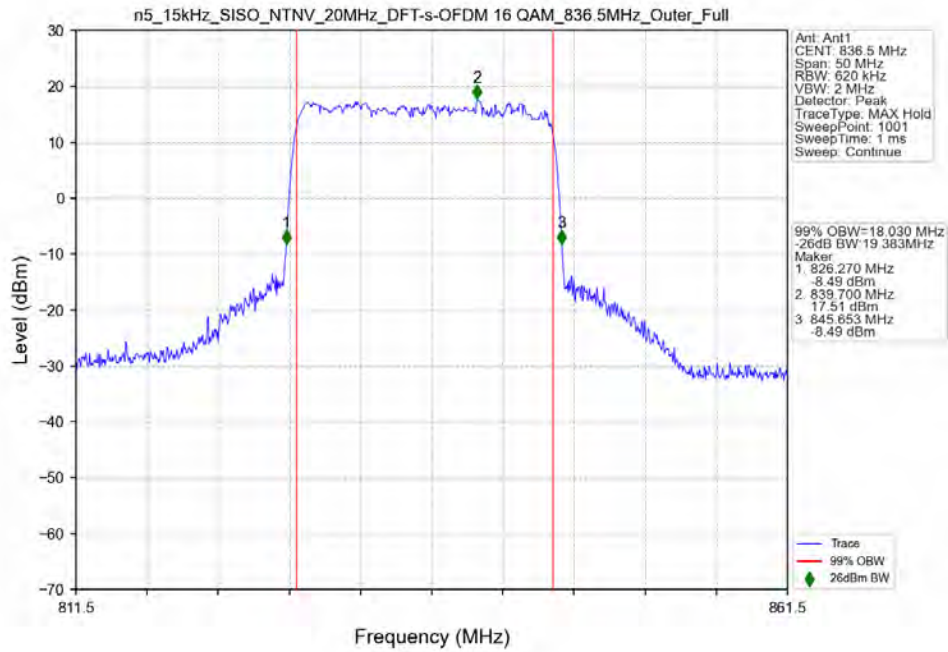
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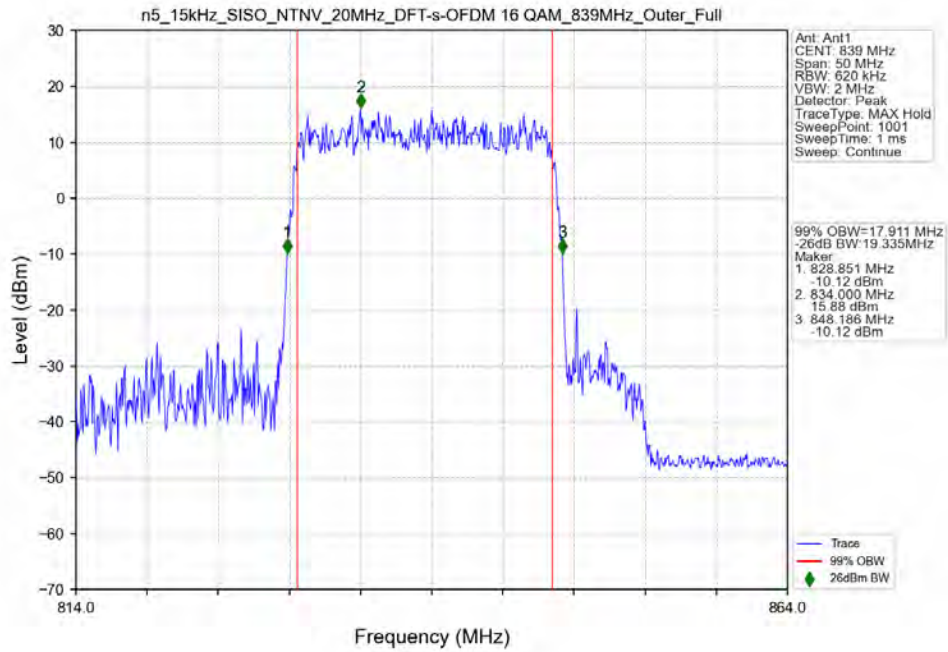
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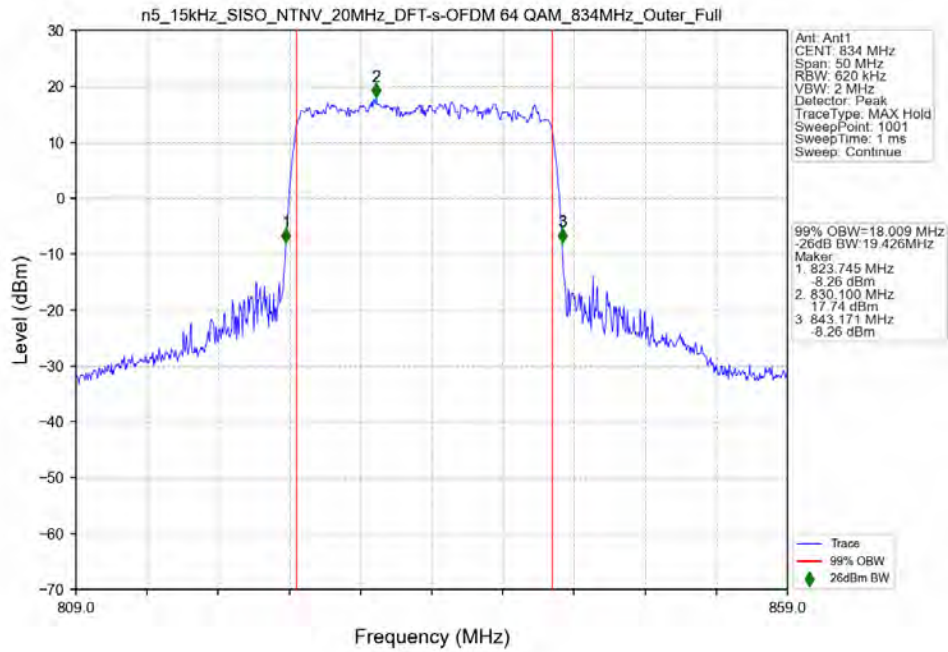
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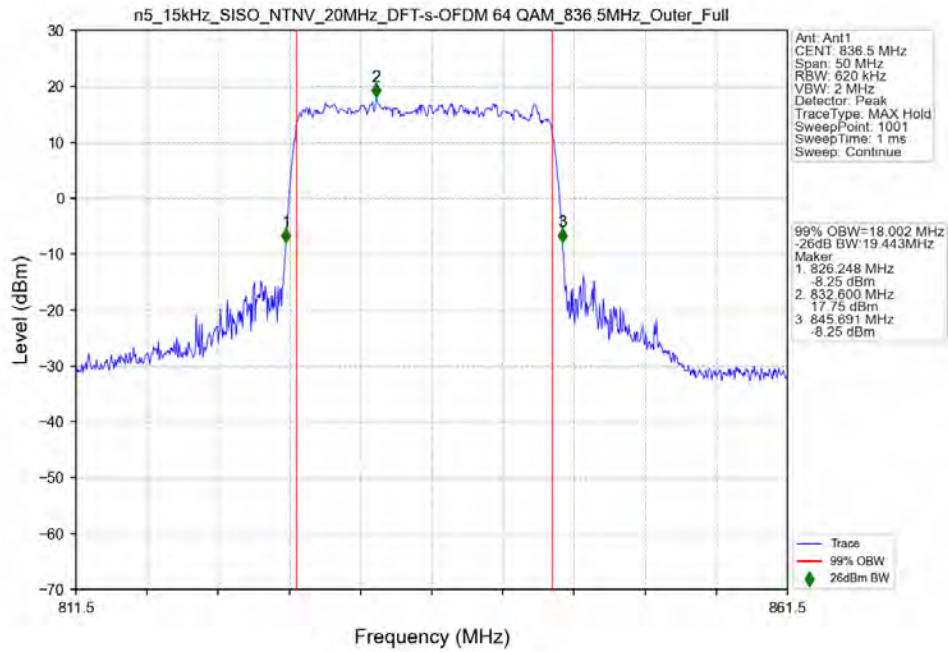
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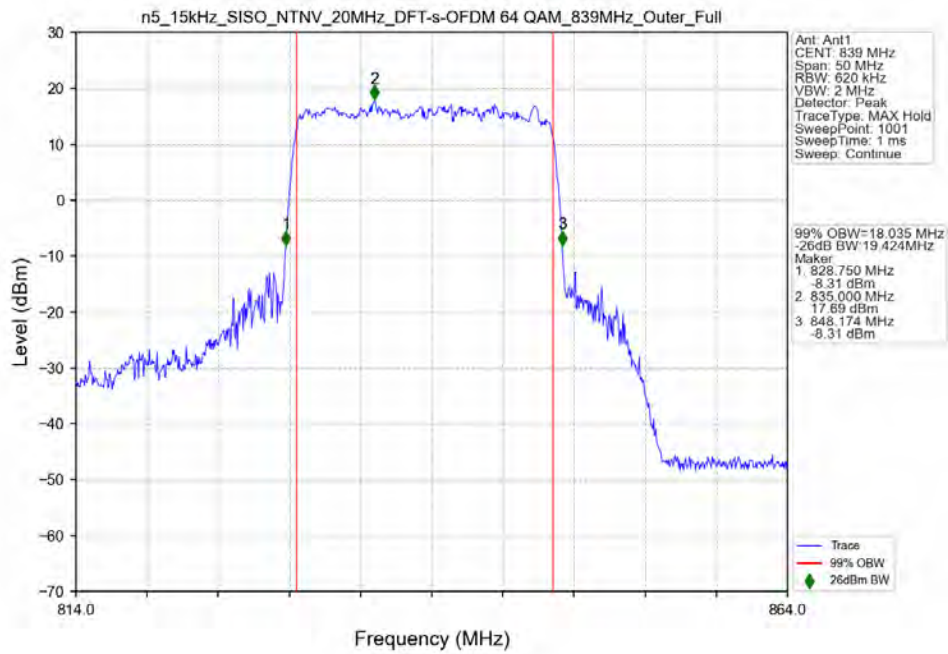
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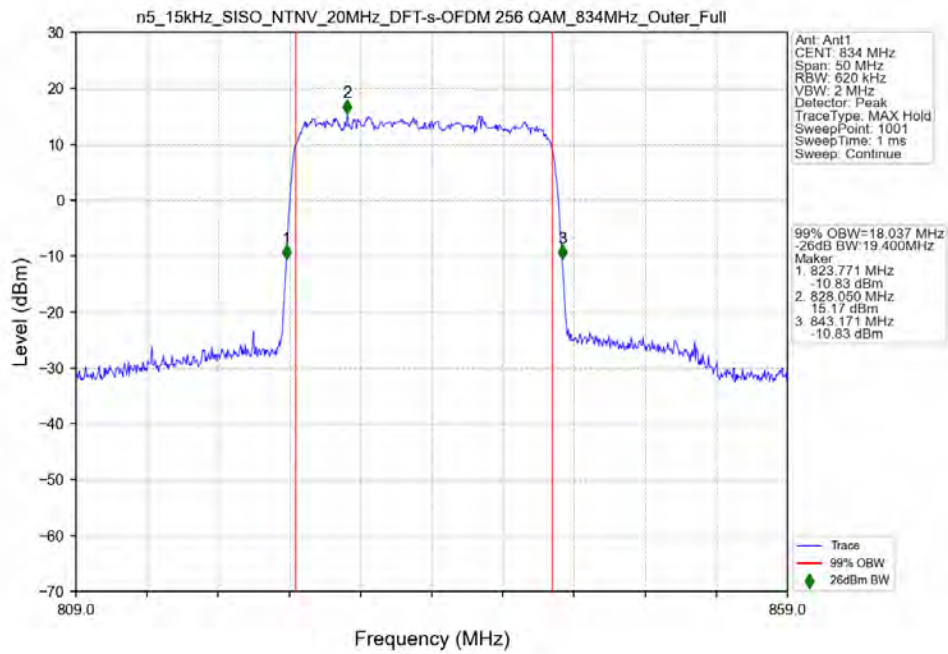
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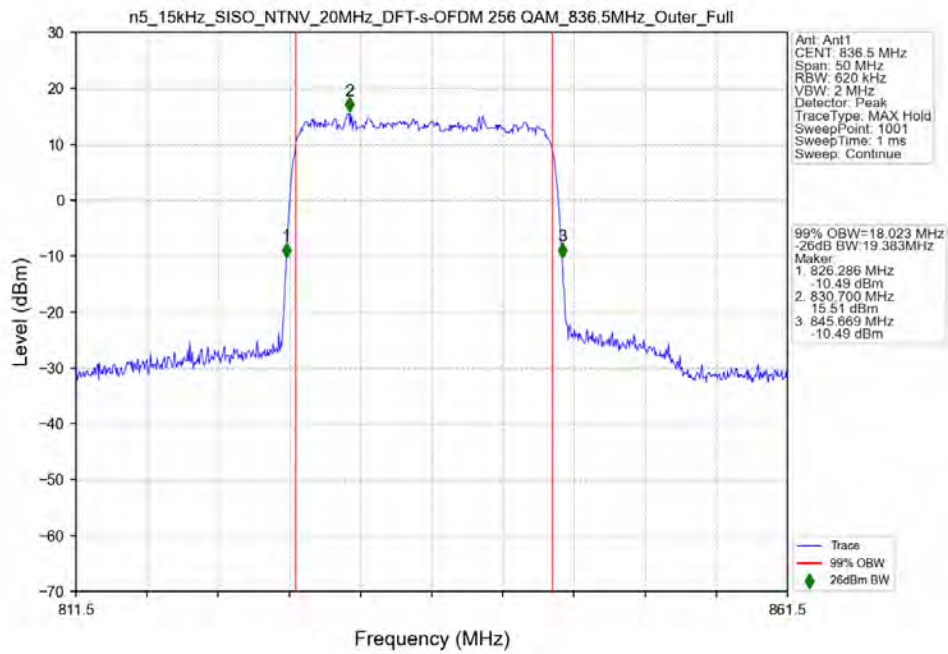
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_839MHz_Outer_Full



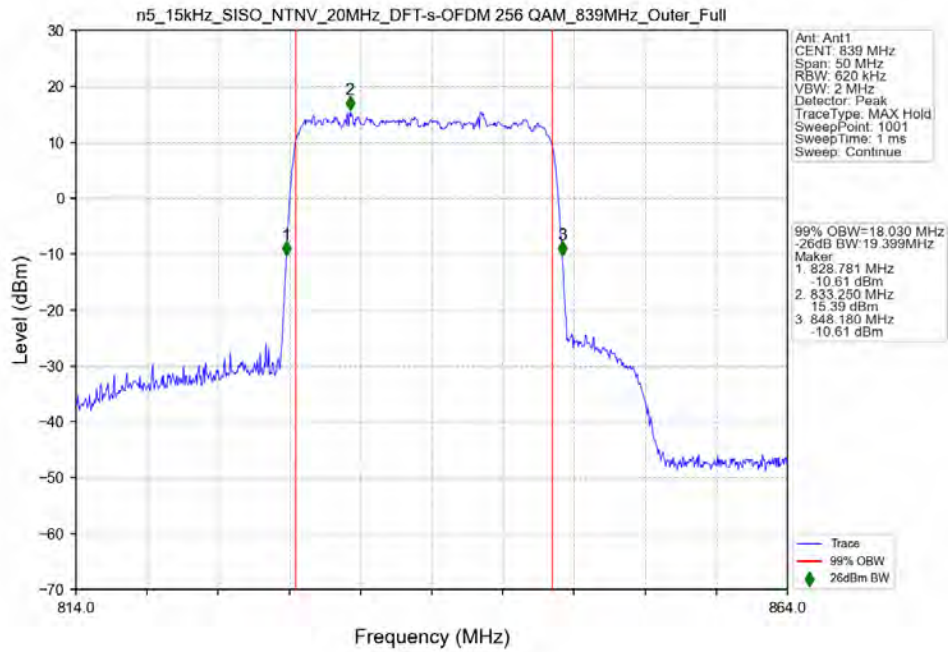
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_834MHz_Outer_Full



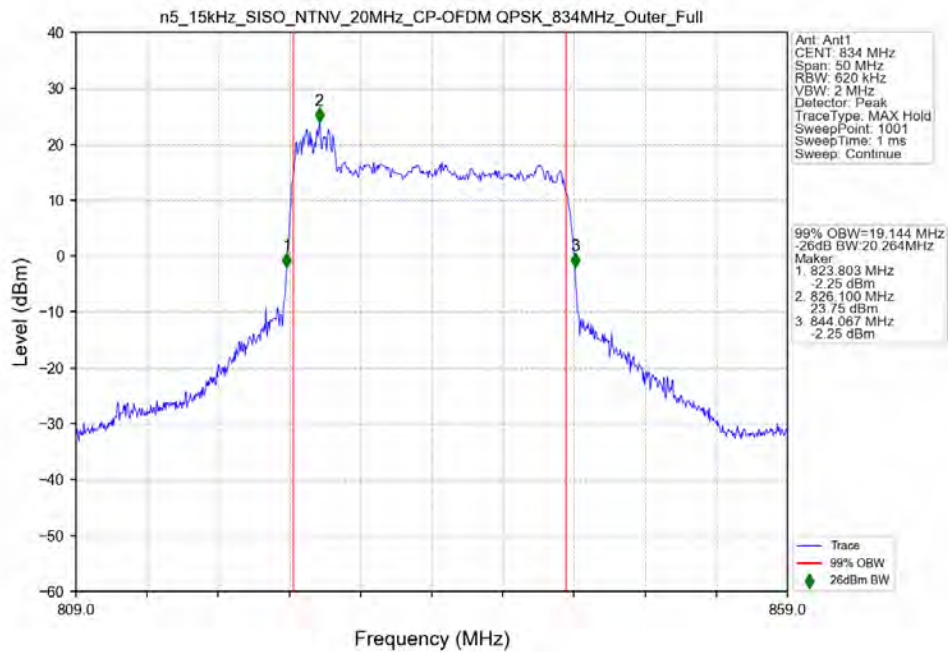
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full



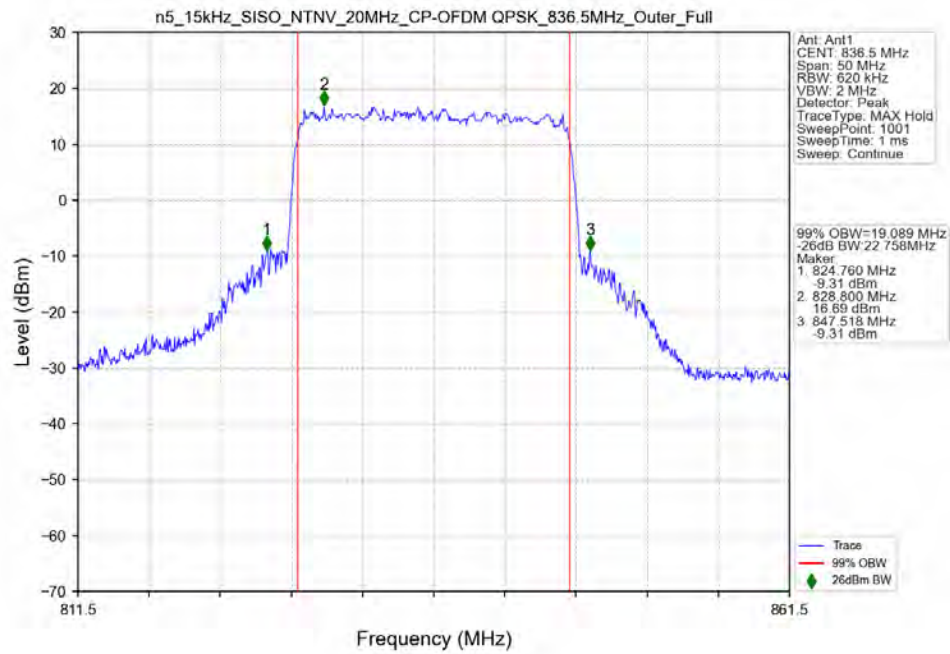
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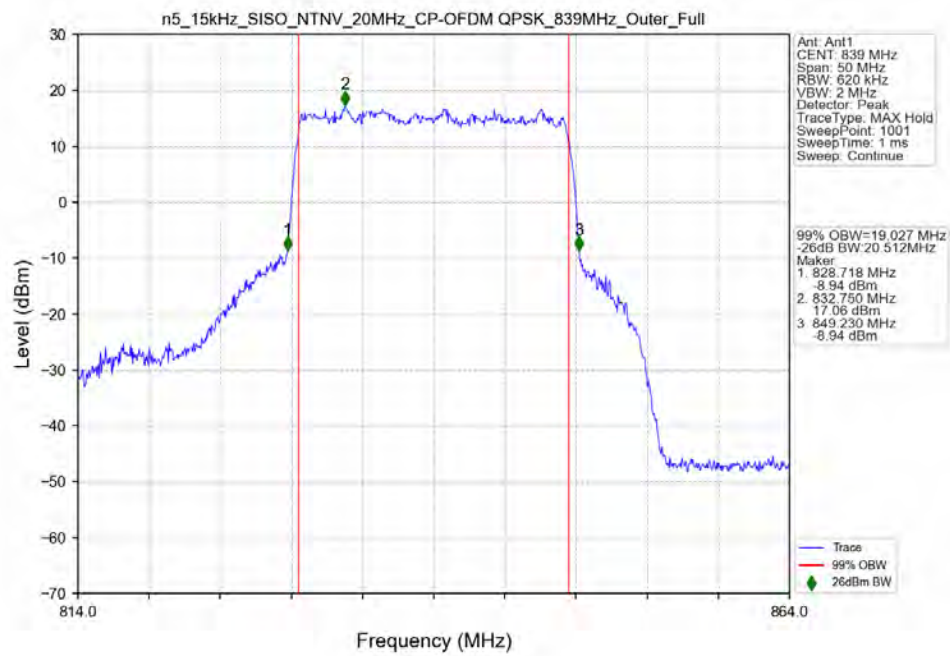
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 834MHz_Outer_Full



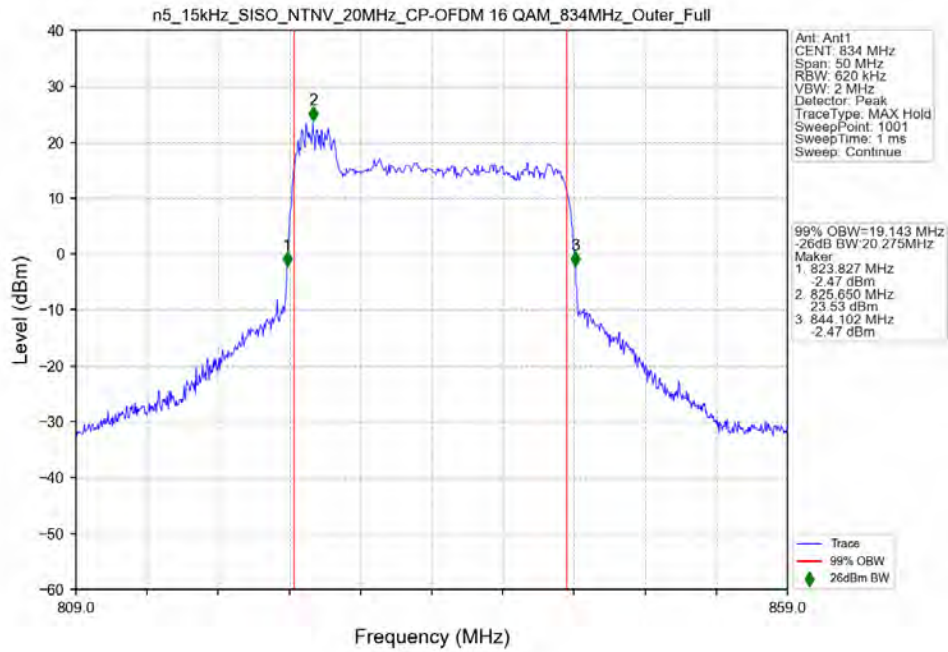
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full



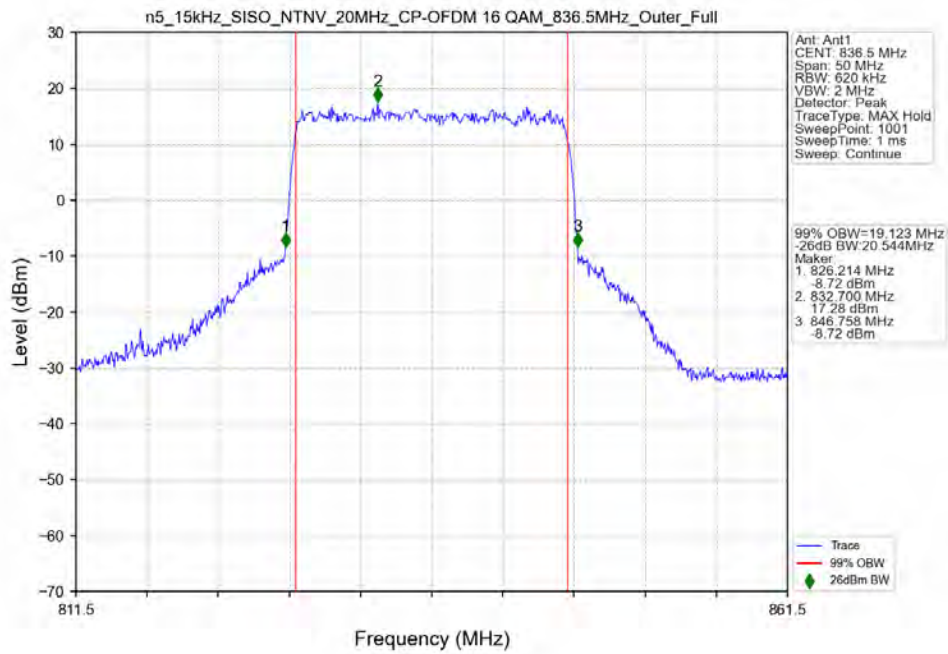
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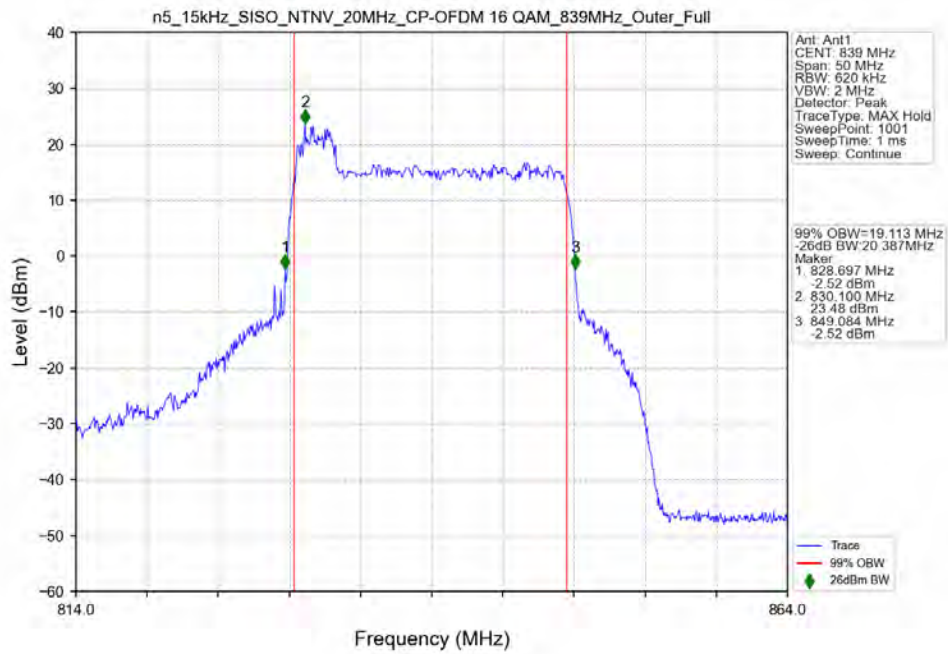
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_834MHz_Outer_Full



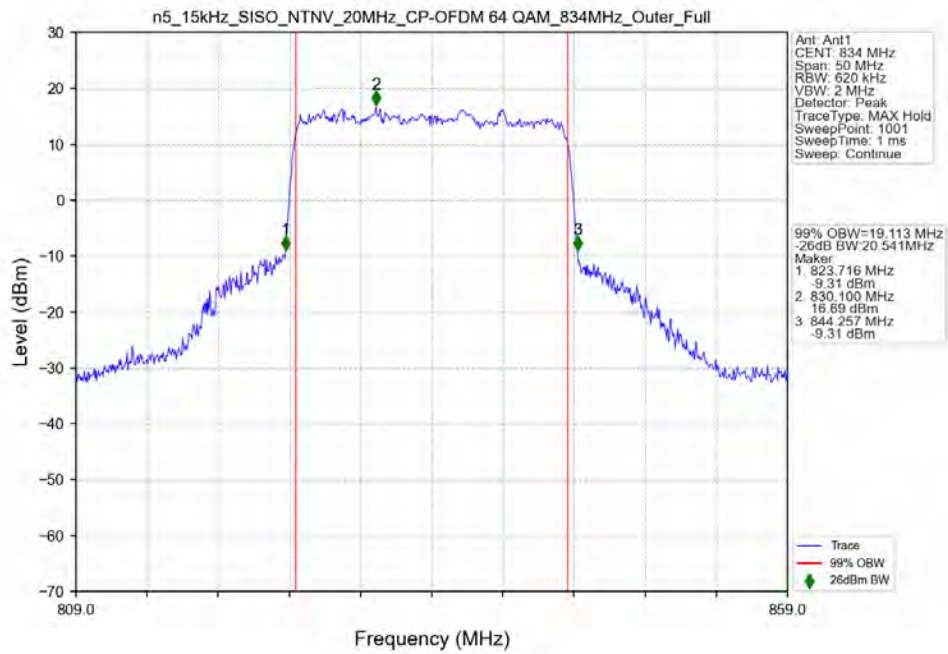
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full



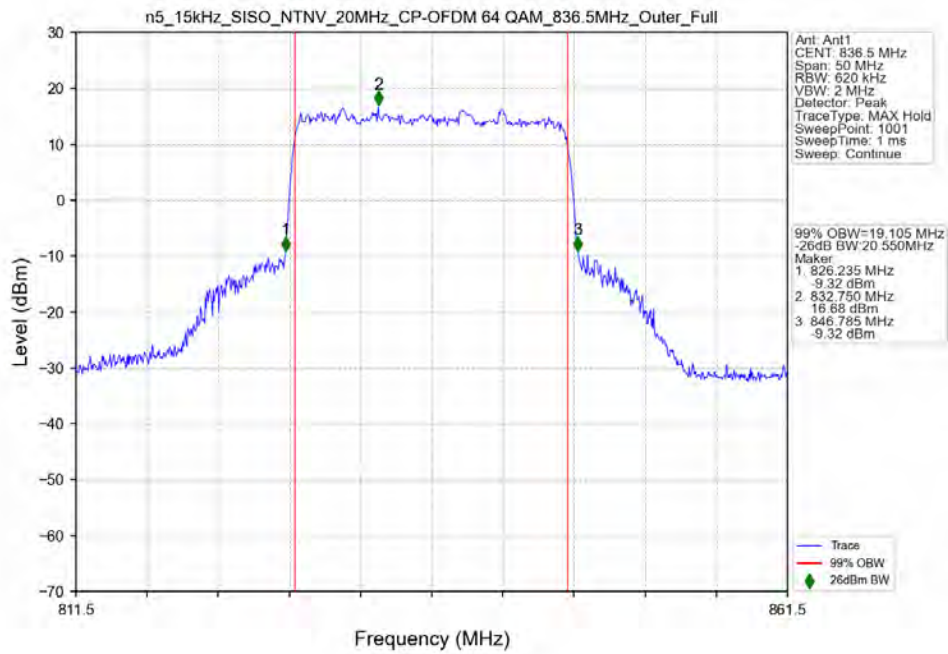
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 839MHz_Outer_Full



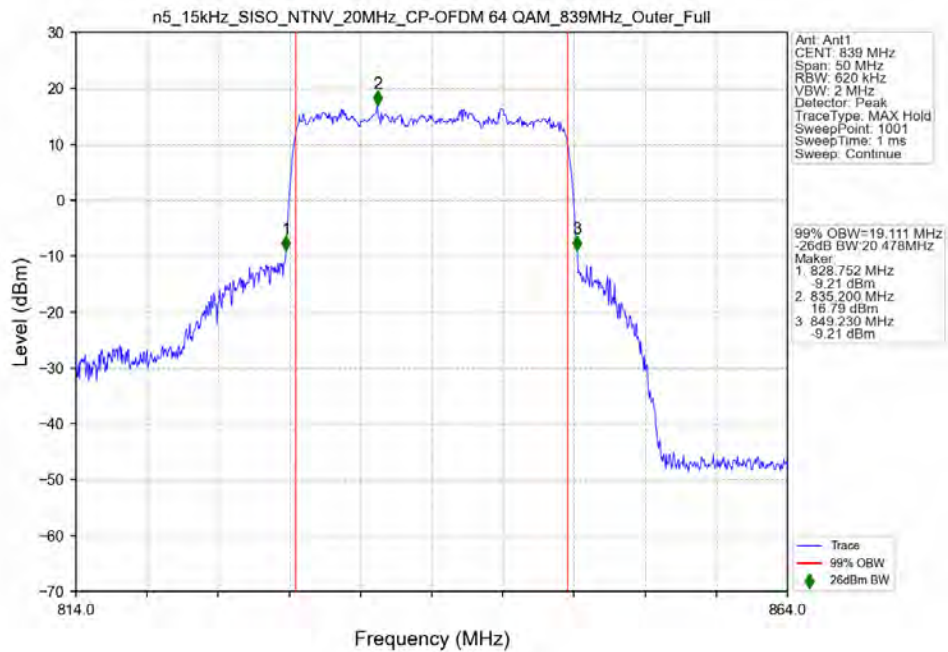
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 834MHz_Outer_Full



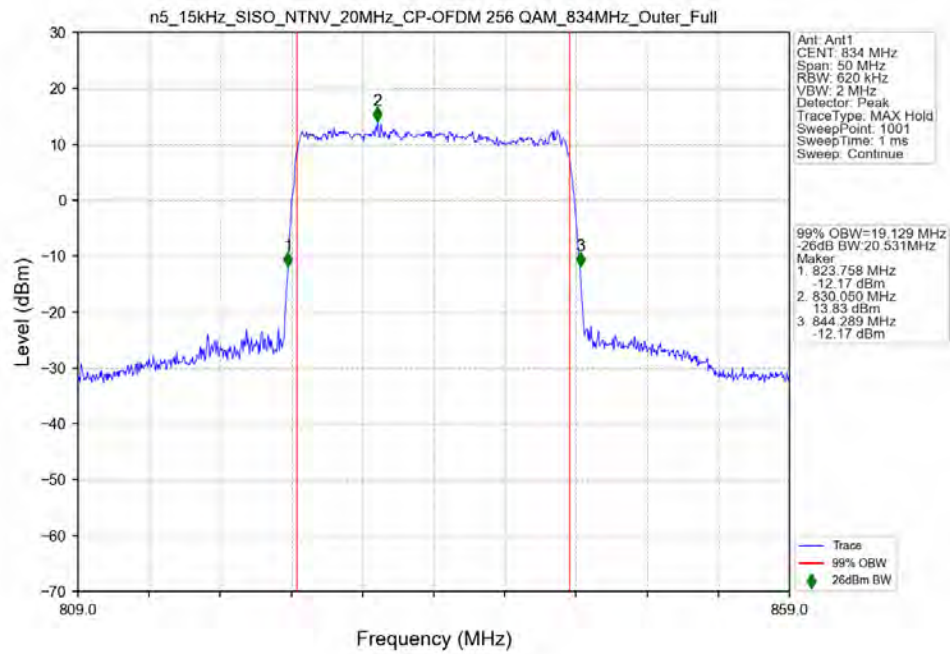
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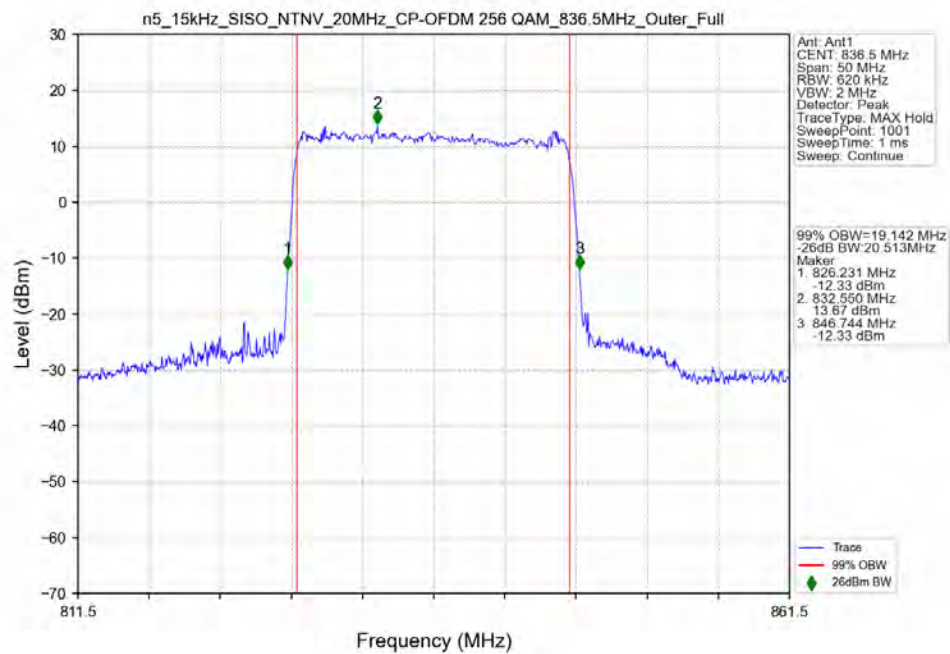
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_839MHz_Outer_Full



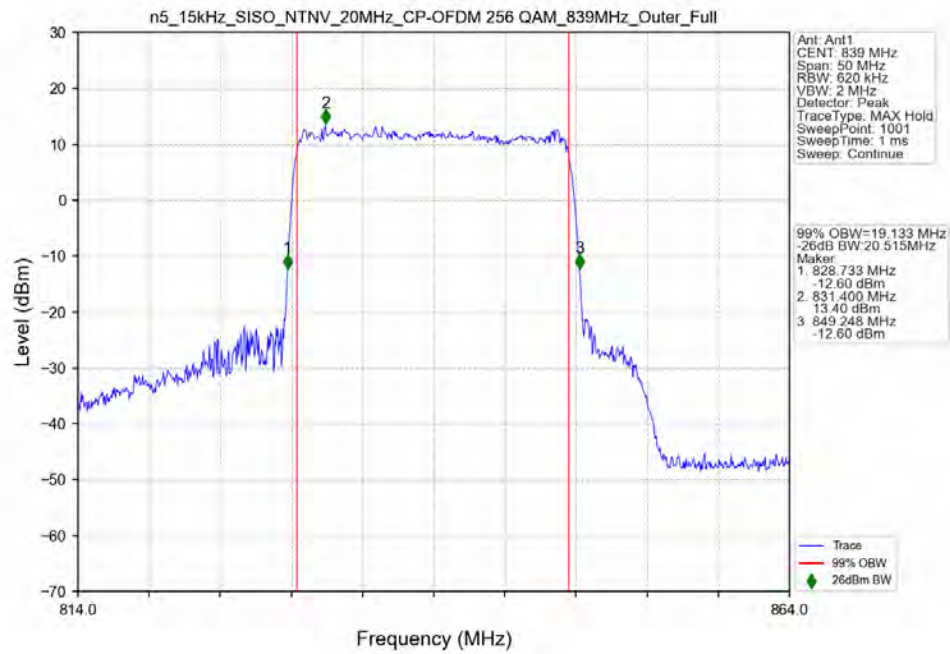
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 834MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 839MHz_Outer_Full



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Outer Full	4.20	/	/	<=13	Pass
	836.5	Outer Full	4.12	/	/	<=13	Pass
	846.5	Outer Full	5.57	/	/	<=13	Pass
DFT-s-OFDM QPSK	826.5	Outer Full	5.46	/	/	<=13	Pass
	836.5	Outer Full	5.46	/	/	<=13	Pass
	846.5	Outer Full	5.68	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	826.5	Outer Full	6.36	/	/	<=13	Pass
	836.5	Outer Full	6.36	/	/	<=13	Pass
	846.5	Outer Full	6.34	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	826.5	Outer Full	6.69	/	/	<=13	Pass
	836.5	Outer Full	6.61	/	/	<=13	Pass
	846.5	Outer Full	6.65	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	826.5	Outer Full	6.71	/	/	<=13	Pass
	836.5	Outer Full	7.20	/	/	<=13	Pass
	846.5	Outer Full	6.92	/	/	<=13	Pass
CP-OFDM QPSK	826.5	Outer Full	7.51	/	/	<=13	Pass
	836.5	Outer Full	7.47	/	/	<=13	Pass
	846.5	Outer Full	8.18	/	/	<=13	Pass
CP-OFDM 16 QAM	826.5	Outer Full	7.77	/	/	<=13	Pass
	836.5	Outer Full	8.42	/	/	<=13	Pass
	846.5	Outer Full	7.68	/	/	<=13	Pass
CP-OFDM 64 QAM	826.5	Outer Full	8.28	/	/	<=13	Pass
	836.5	Outer Full	7.63	/	/	<=13	Pass
	846.5	Outer Full	7.55	/	/	<=13	Pass
CP-OFDM 256 QAM	826.5	Outer Full	8.81	/	/	<=13	Pass
	836.5	Outer Full	9.29	/	/	<=13	Pass
	846.5	Outer Full	8.75	/	/	<=13	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Outer Full	4.43	/	/	<=13	Pass
	836.5	Outer Full	4.40	/	/	<=13	Pass
	844	Outer Full	4.27	/	/	<=13	Pass
DFT-s-OFDM QPSK	829	Outer Full	6.91	/	/	<=13	Pass
	836.5	Outer Full	7.94	/	/	<=13	Pass
	844	Outer Full	5.44	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	829	Outer Full	6.41	/	/	<=13	Pass
	836.5	Outer Full	6.43	/	/	<=13	Pass
	844	Outer Full	6.53	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	829	Outer Full	6.64	/	/	<=13	Pass
	836.5	Outer Full	6.63	/	/	<=13	Pass
	844	Outer Full	9.02	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	829	Outer_Full	7.68	/	/	<=13	Pass
	836.5	Outer_Full	10.94	/	/	<=13	Pass
	844	Outer_Full	10.33	/	/	<=13	Pass
CP-OFDM QPSK	829	Outer_Full	8.39	/	/	<=13	Pass
	836.5	Outer_Full	8.38	/	/	<=13	Pass
	844	Outer_Full	8.27	/	/	<=13	Pass
CP-OFDM 16 QAM	829	Outer_Full	8.42	/	/	<=13	Pass
	836.5	Outer_Full	8.45	/	/	<=13	Pass
	844	Outer_Full	8.49	/	/	<=13	Pass
CP-OFDM 64 QAM	829	Outer_Full	7.66	/	/	<=13	Pass
	836.5	Outer_Full	7.63	/	/	<=13	Pass
	844	Outer_Full	8.22	/	/	<=13	Pass
CP-OFDM 256 QAM	829	Outer_Full	10.12	/	/	<=13	Pass
	836.5	Outer_Full	8.90	/	/	<=13	Pass
	844	Outer_Full	8.83	/	/	<=13	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	4.46	/	/	<=13	Pass
	836.5	Outer_Full	4.38	/	/	<=13	Pass
	841.5	Outer_Full	4.46	/	/	<=13	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	10.55	/	/	<=13	Pass
	836.5	Outer_Full	6.01	/	/	<=13	Pass
	841.5	Outer_Full	5.56	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	6.41	/	/	<=13	Pass
	836.5	Outer_Full	6.35	/	/	<=13	Pass
	841.5	Outer_Full	7.34	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	7.60	/	/	<=13	Pass
	836.5	Outer_Full	9.54	/	/	<=13	Pass
	841.5	Outer_Full	6.75	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	7.09	/	/	<=13	Pass
	836.5	Outer_Full	7.10	/	/	<=13	Pass
	841.5	Outer_Full	6.93	/	/	<=13	Pass
CP-OFDM QPSK	831.5	Outer_Full	7.78	/	/	<=13	Pass
	836.5	Outer_Full	8.05	/	/	<=13	Pass
	841.5	Outer_Full	7.74	/	/	<=13	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	8.82	/	/	<=13	Pass
	836.5	Outer_Full	9.77	/	/	<=13	Pass
	841.5	Outer_Full	7.85	/	/	<=13	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	7.70	/	/	<=13	Pass
	836.5	Outer_Full	7.70	/	/	<=13	Pass
	841.5	Outer_Full	8.88	/	/	<=13	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	8.82	/	/	<=13	Pass
	836.5	Outer_Full	9.94	/	/	<=13	Pass
	841.5	Outer_Full	8.81	/	/	<=13	Pass

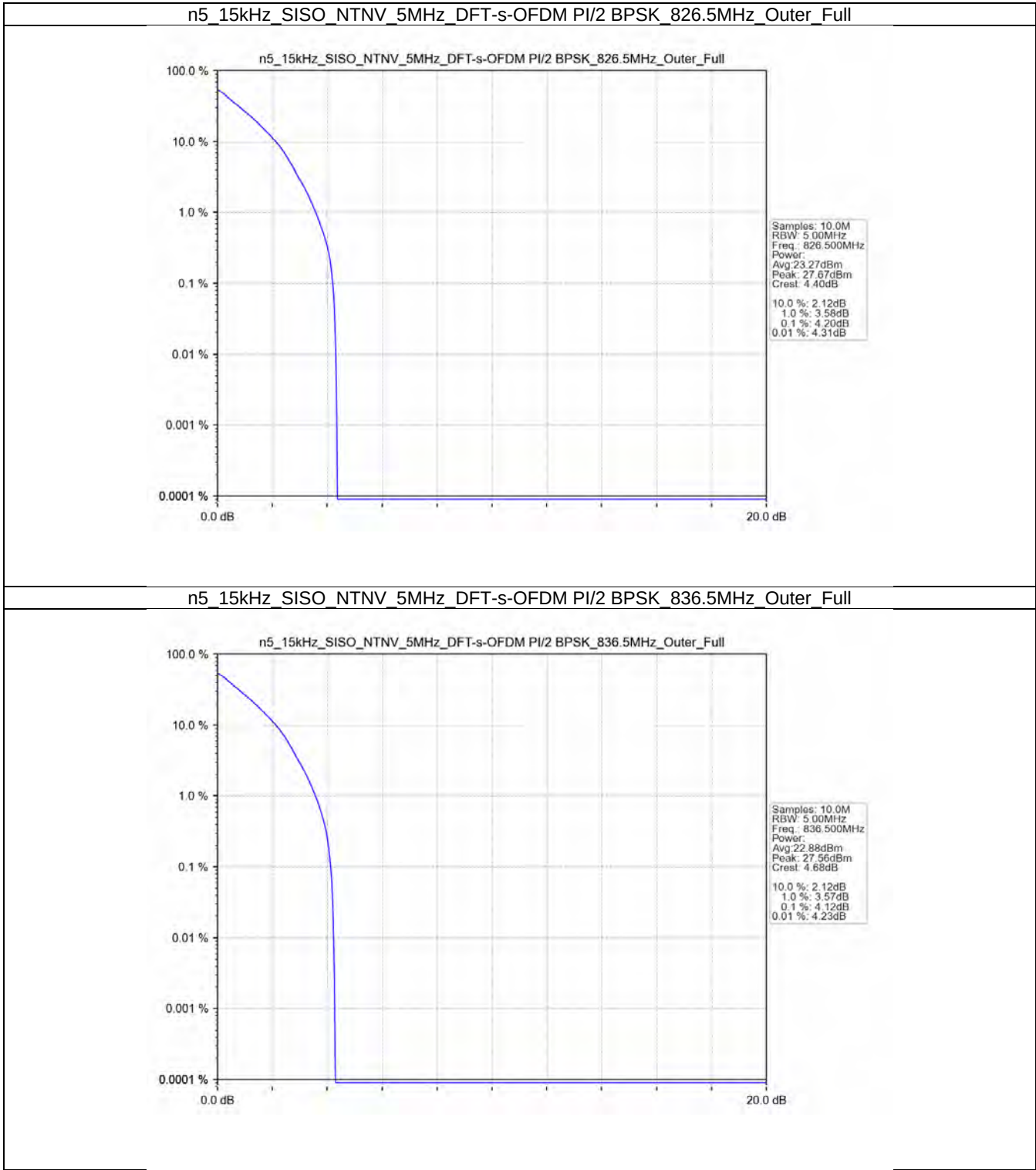
4.1.4 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	4.34	/	/	<=13	Pass
	836.5	Outer_Full	4.19	/	/	<=13	Pass

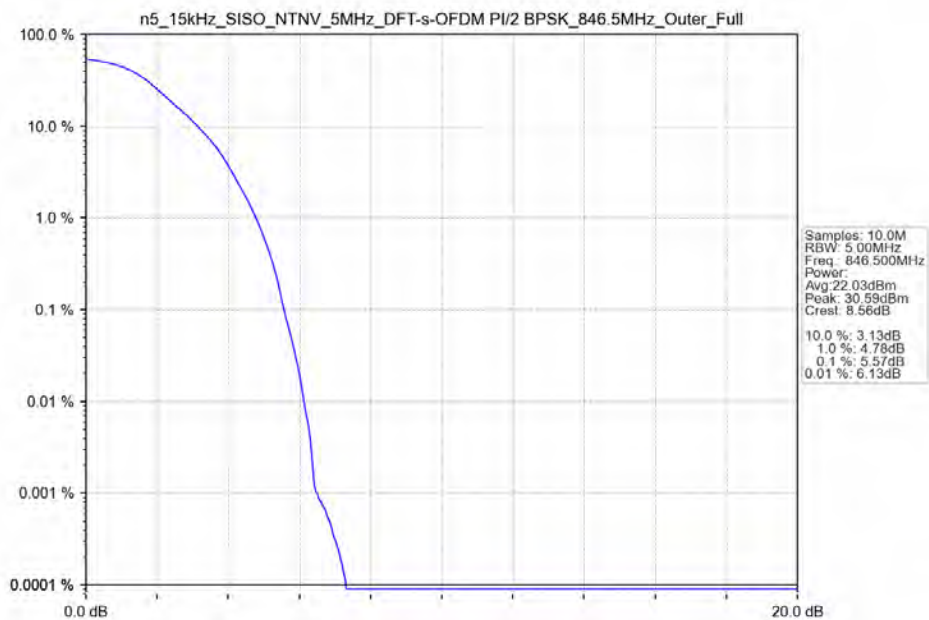
	839	Outer Full	4.54	/	/	<=13	Pass
DFT-s-OFDM QPSK	834	Outer Full	5.59	/	/	<=13	Pass
	836.5	Outer Full	5.76	/	/	<=13	Pass
	839	Outer Full	5.56	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	834	Outer Full	7.32	/	/	<=13	Pass
	836.5	Outer Full	6.46	/	/	<=13	Pass
	839	Outer Full	6.42	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	834	Outer Full	6.57	/	/	<=13	Pass
	836.5	Outer Full	7.03	/	/	<=13	Pass
	839	Outer Full	6.51	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	834	Outer Full	7.89	/	/	<=13	Pass
	836.5	Outer Full	7.01	/	/	<=13	Pass
	839	Outer Full	6.89	/	/	<=13	Pass
CP-OFDM QPSK	834	Outer Full	7.68	/	/	<=13	Pass
	836.5	Outer Full	7.45	/	/	<=13	Pass
	839	Outer Full	7.75	/	/	<=13	Pass
CP-OFDM 16 QAM	834	Outer Full	7.76	/	/	<=13	Pass
	836.5	Outer Full	7.49	/	/	<=13	Pass
	839	Outer Full	7.77	/	/	<=13	Pass
CP-OFDM 64 QAM	834	Outer Full	7.52	/	/	<=13	Pass
	836.5	Outer Full	7.92	/	/	<=13	Pass
	839	Outer Full	8.73	/	/	<=13	Pass
CP-OFDM 256 QAM	834	Outer Full	9.10	/	/	<=13	Pass
	836.5	Outer Full	10.40	/	/	<=13	Pass
	839	Outer Full	8.81	/	/	<=13	Pass

4.2 Test Graph

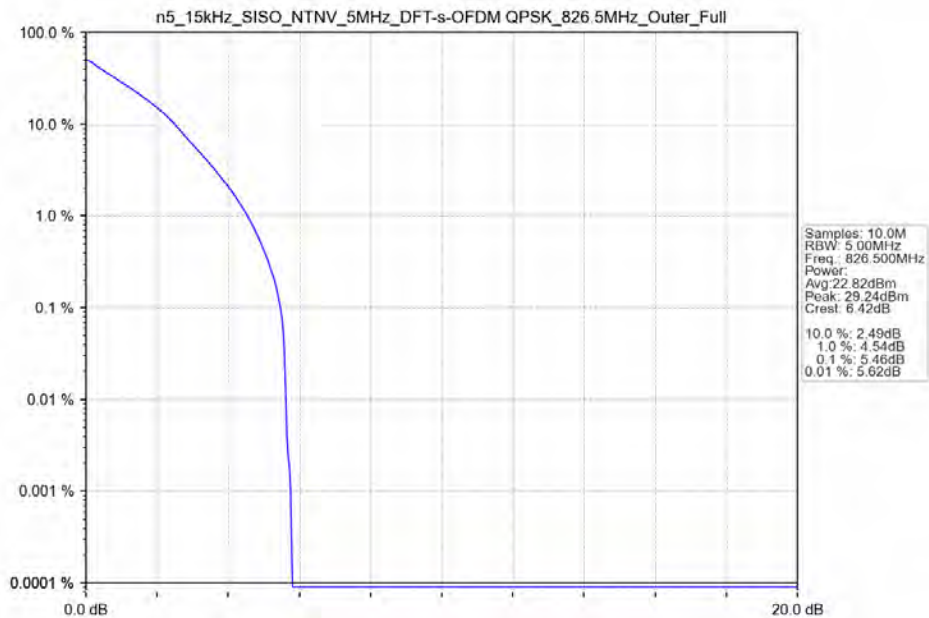
4.2.1 15k_SISO_5MHz_NTNV



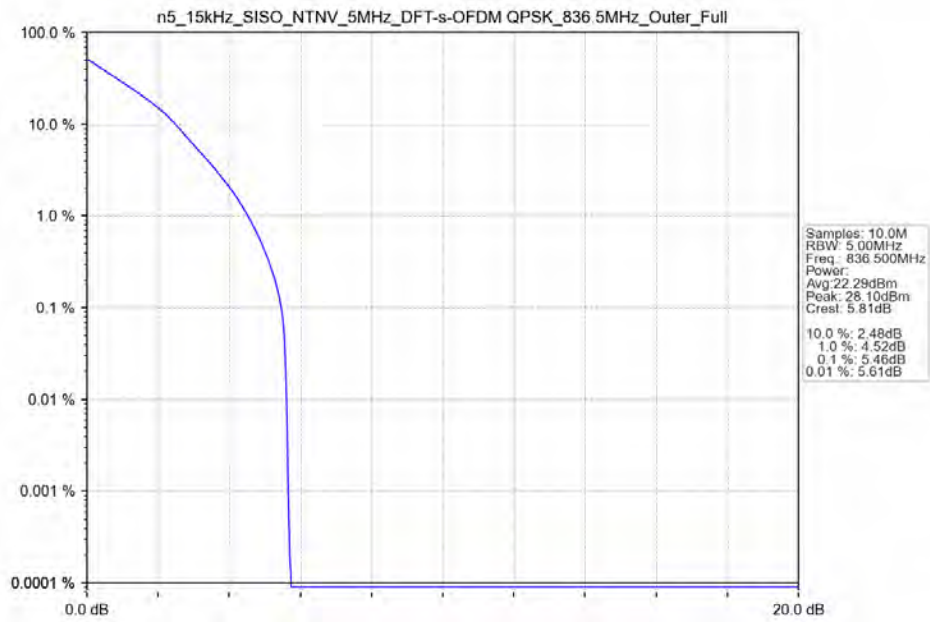
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_846.5MHz_Outer_Full



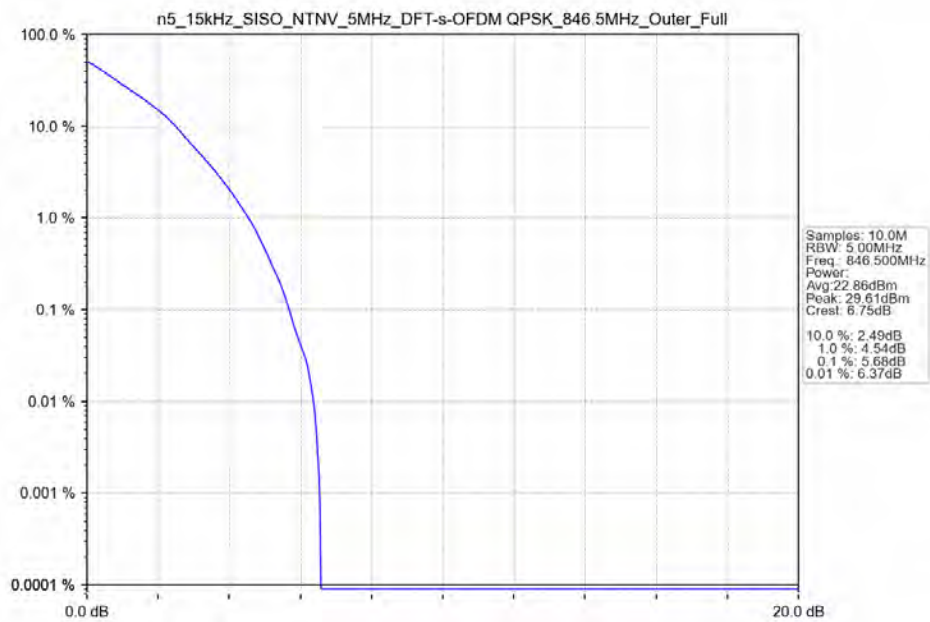
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_826.5MHz_Outer_Full



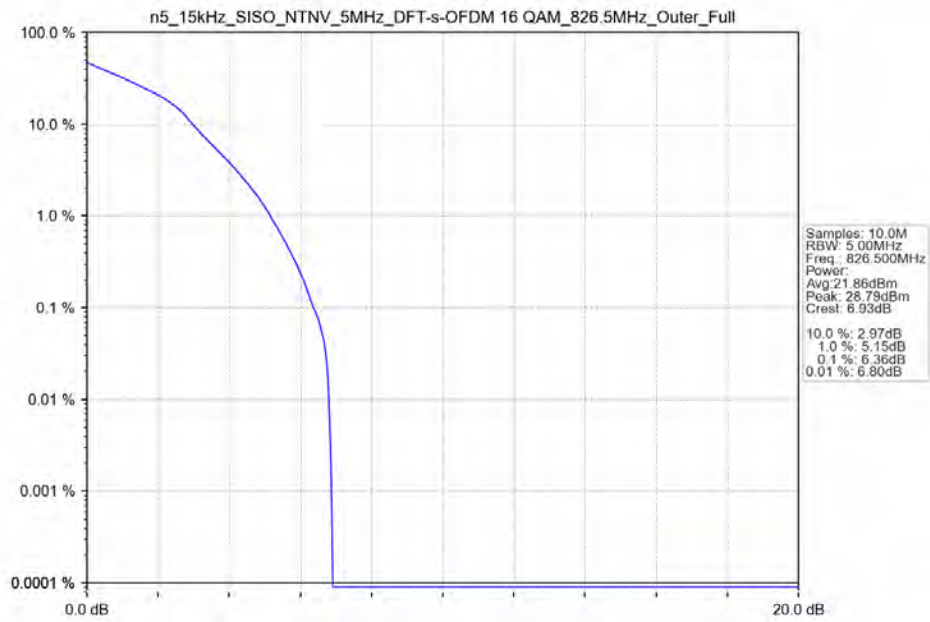
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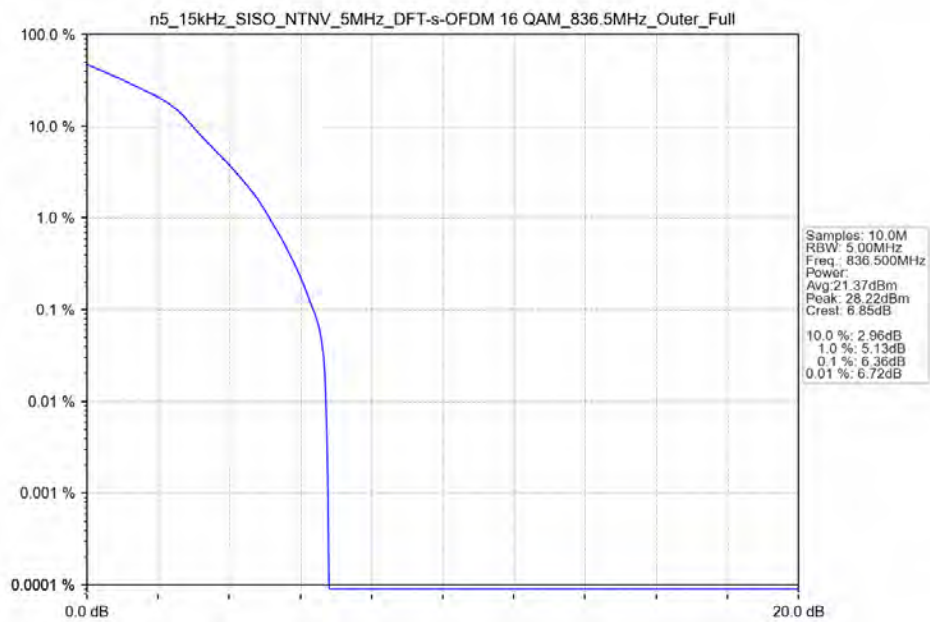
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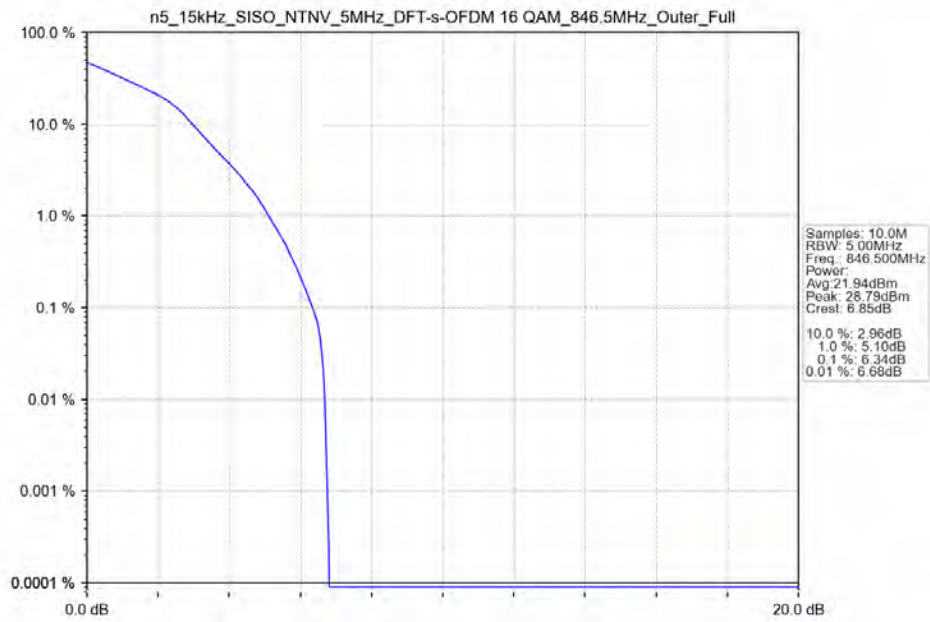
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_826.5MHz_Outer_Full



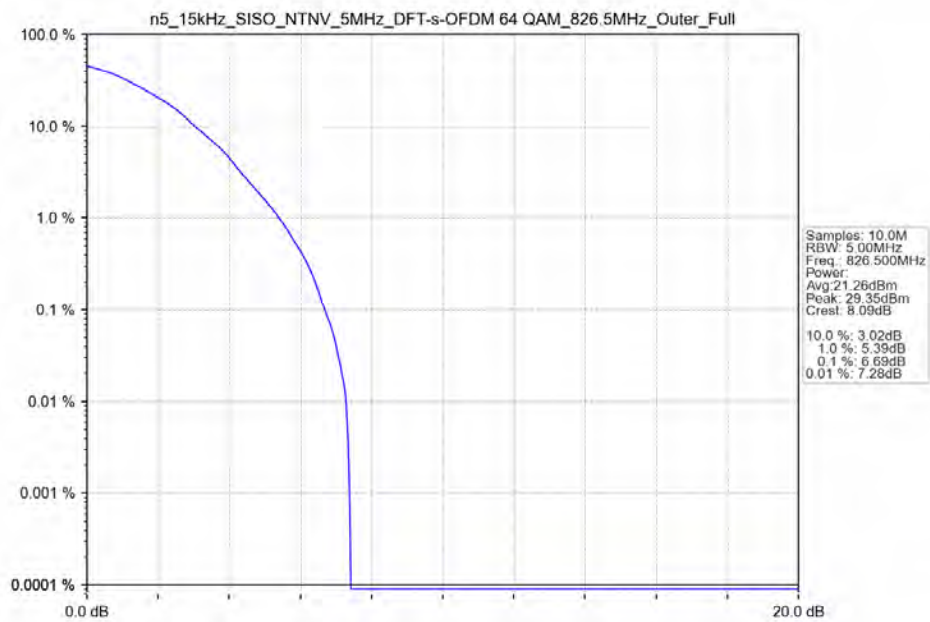
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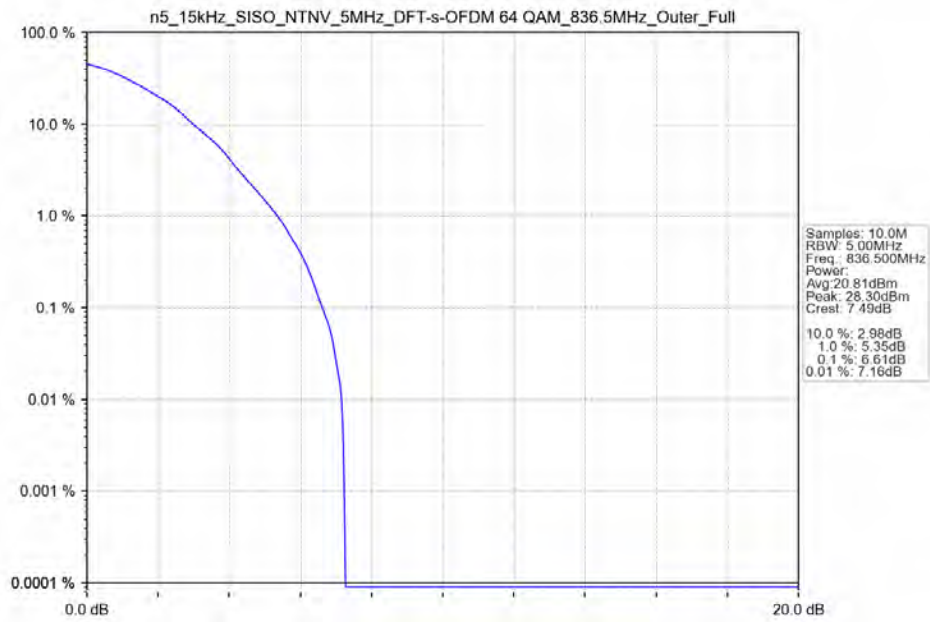
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_846.5MHz_Outer_Full



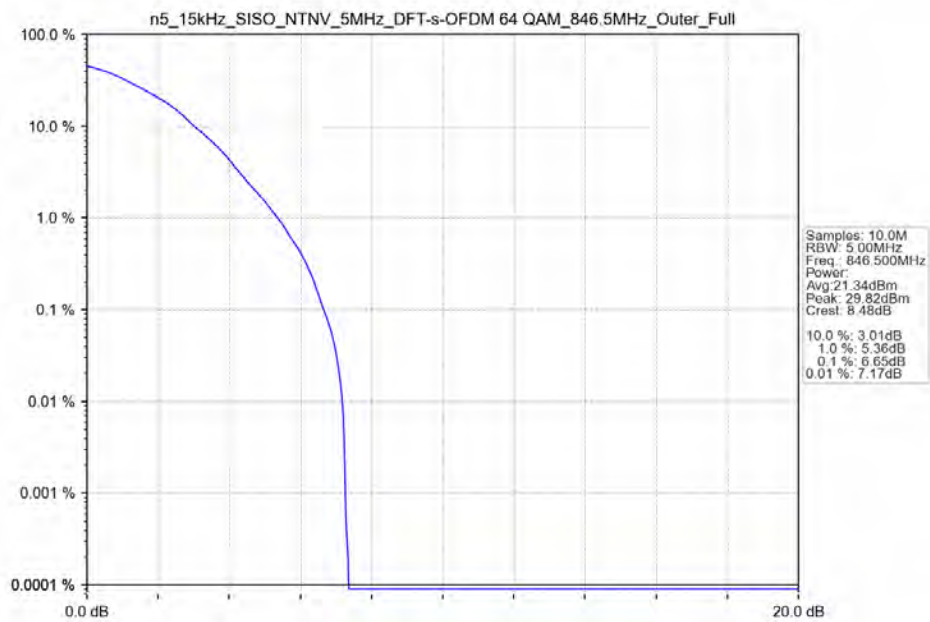
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_826.5MHz_Outer_Full



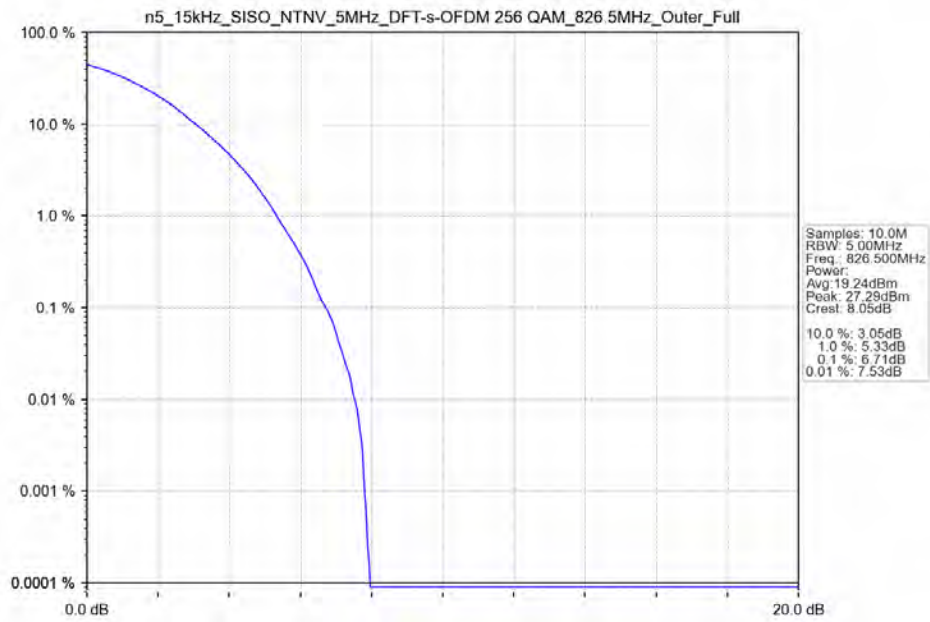
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full



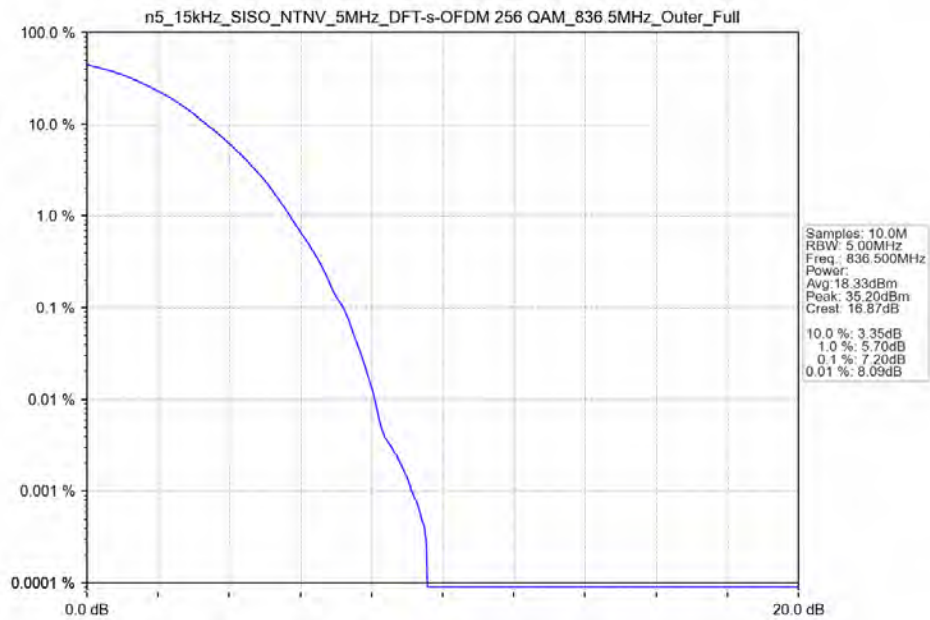
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_846.5MHz_Outer_Full



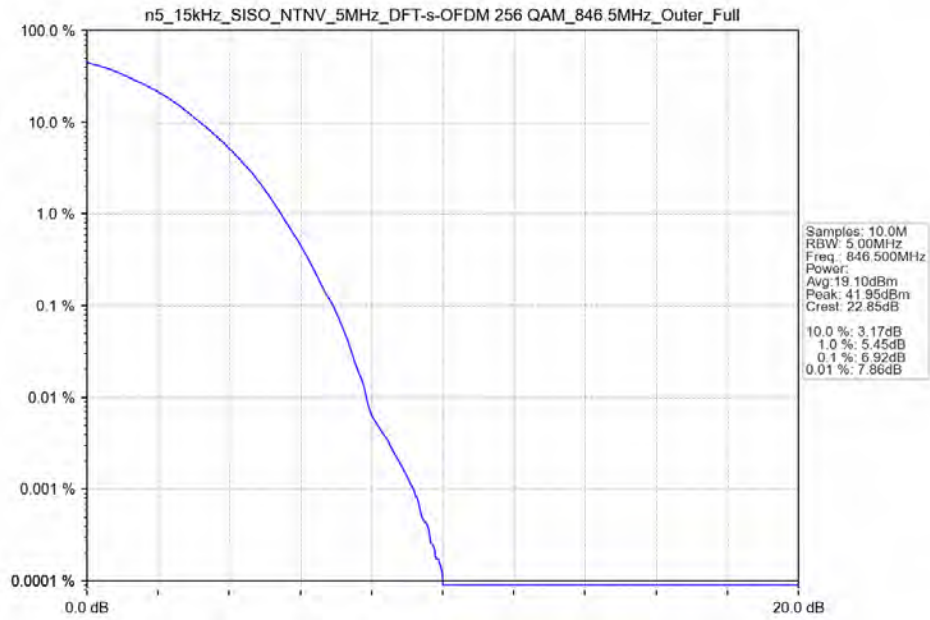
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_826.5MHz_Outer_Full



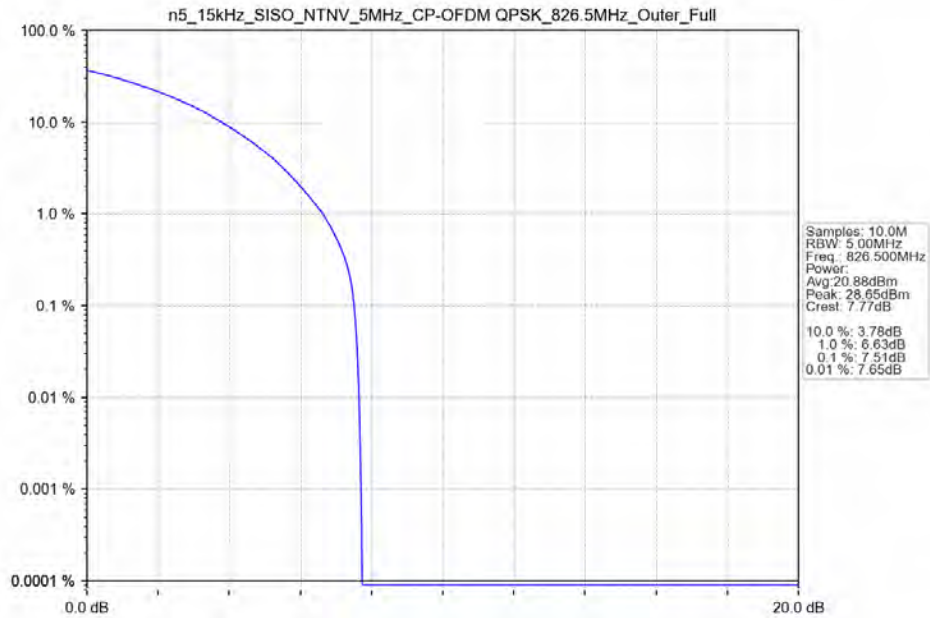
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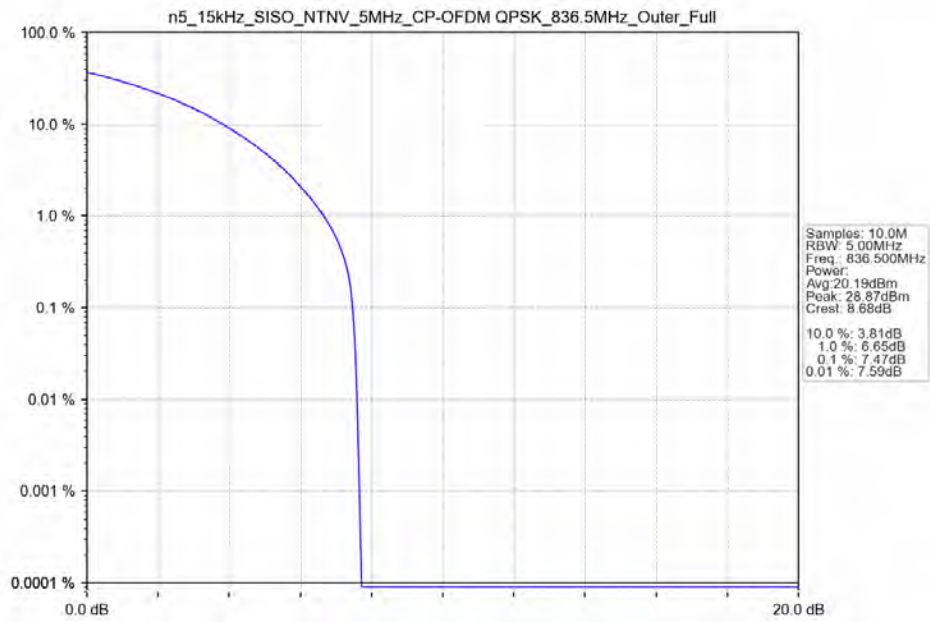
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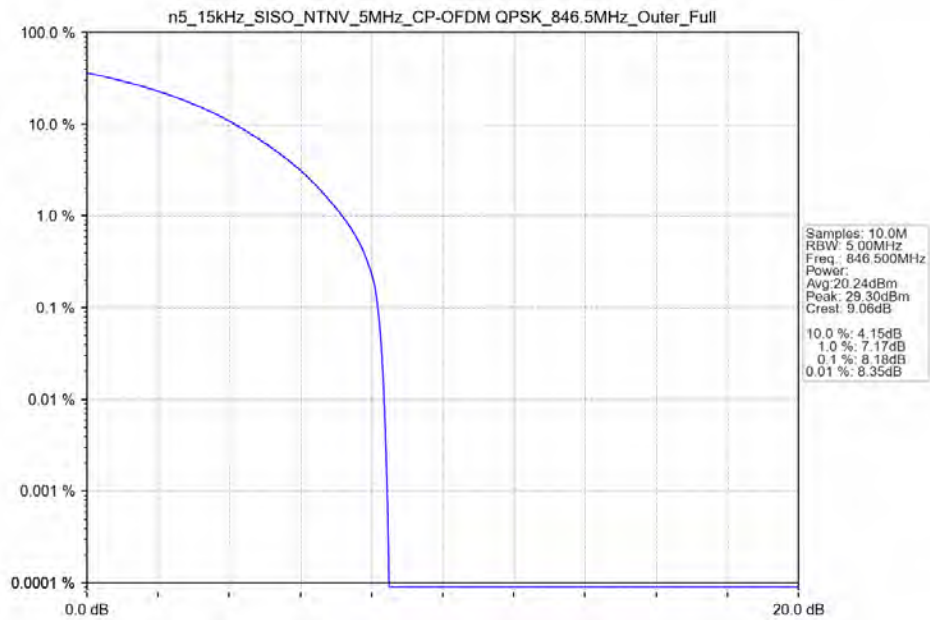
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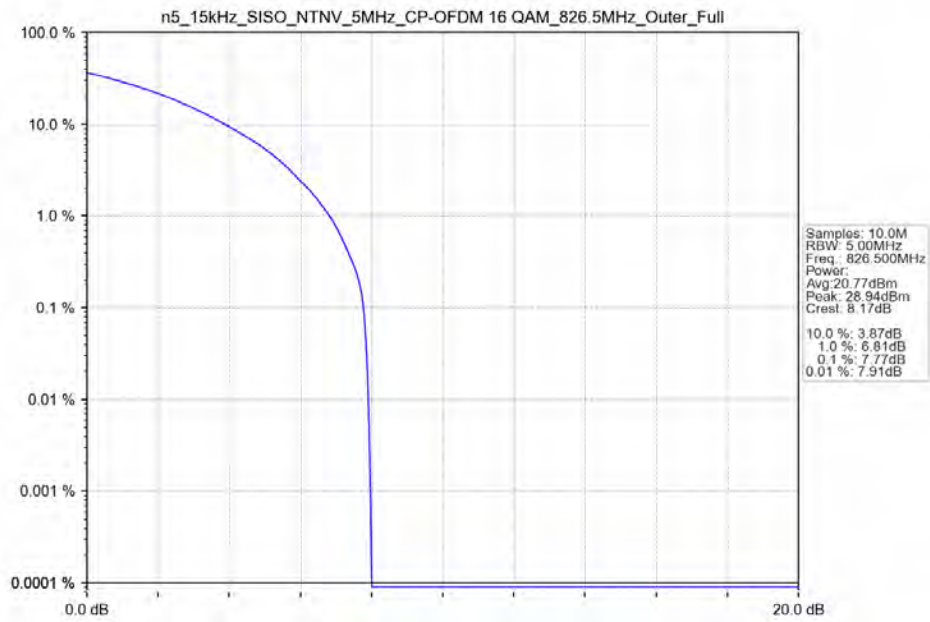
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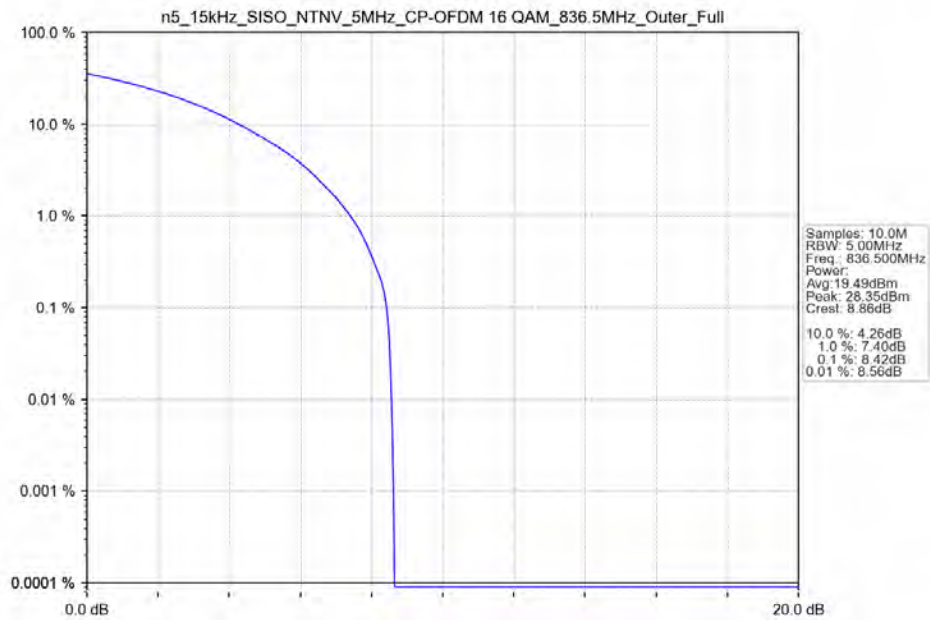
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_846.5MHz_Outer_Full



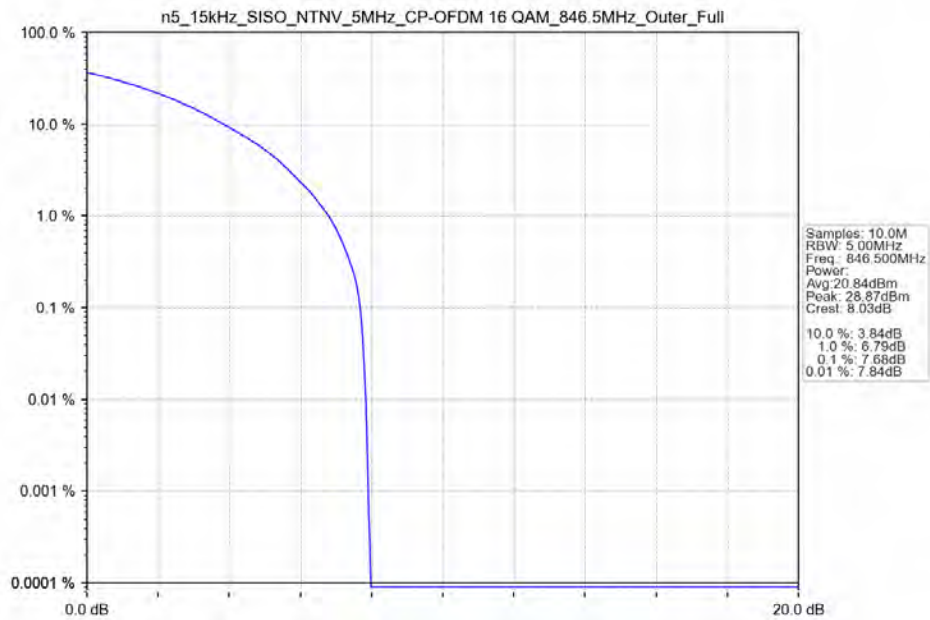
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_826.5MHz_Outer_Full



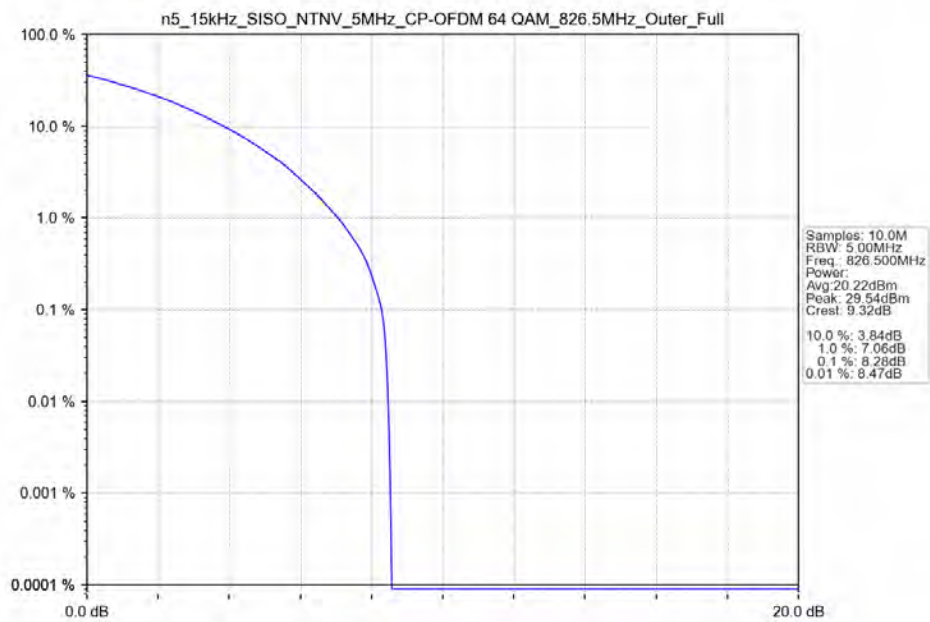
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_836.5MHz_Outer_Full



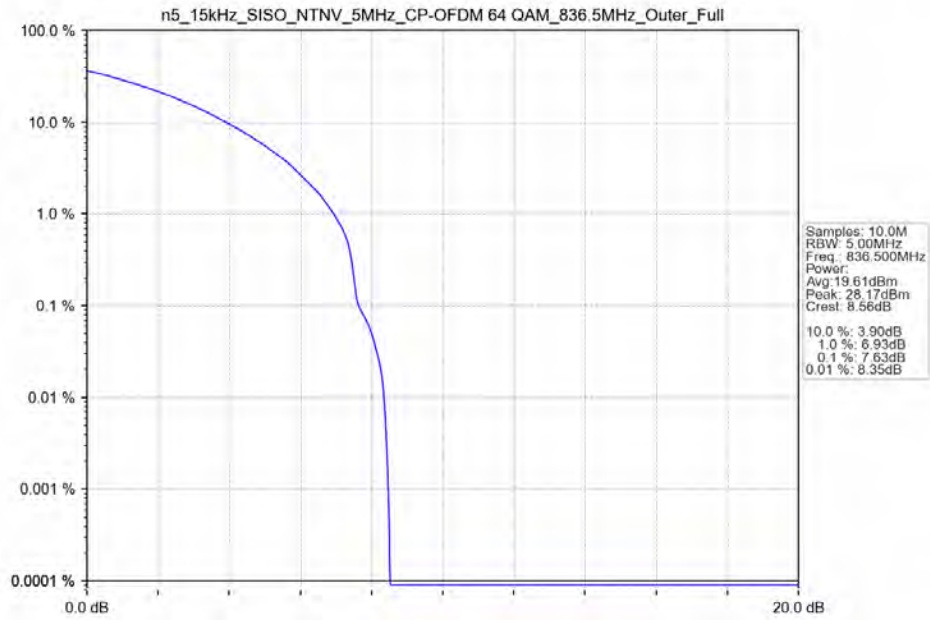
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_846.5MHz_Outer_Full



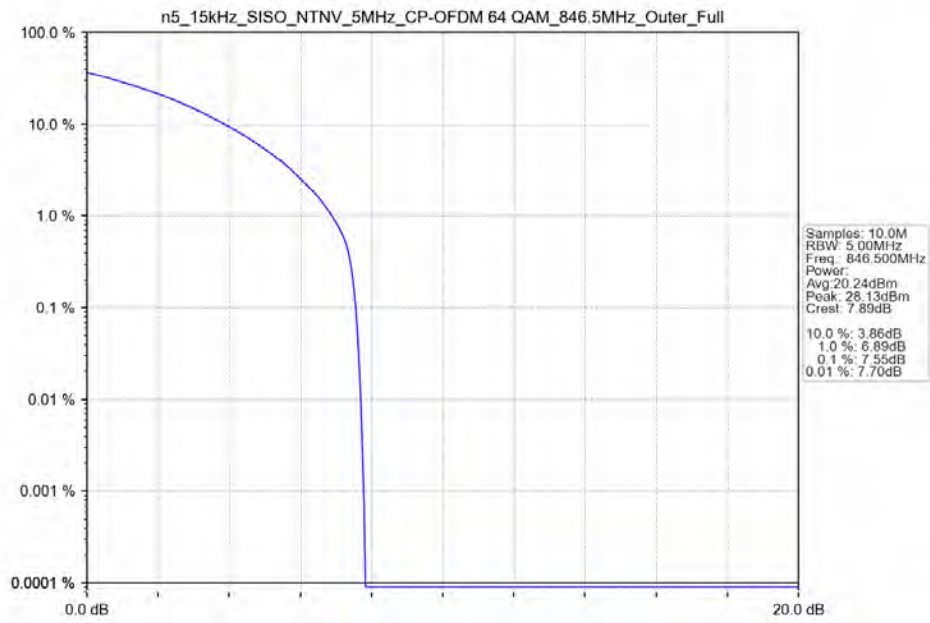
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_826.5MHz_Outer_Full



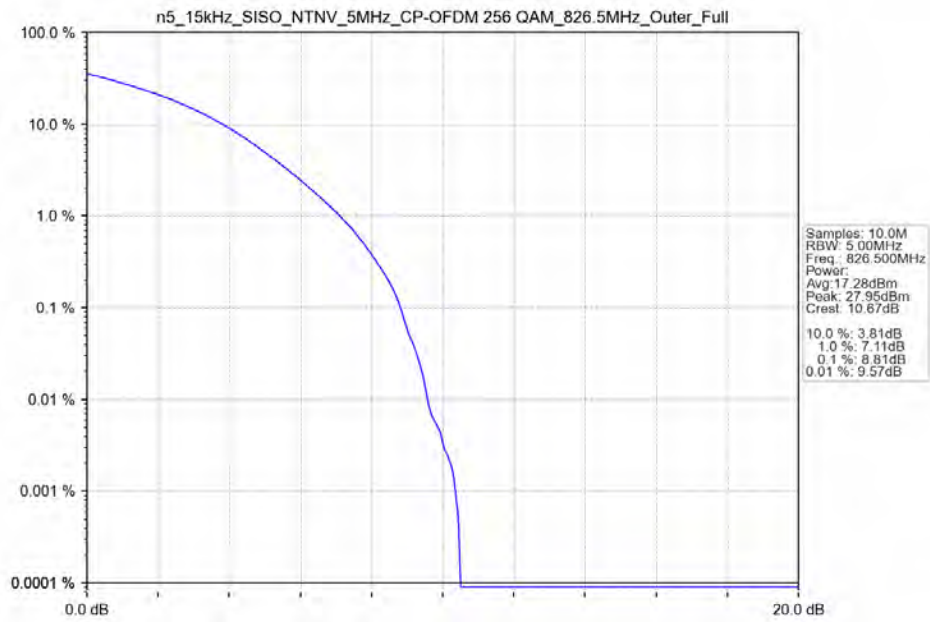
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full



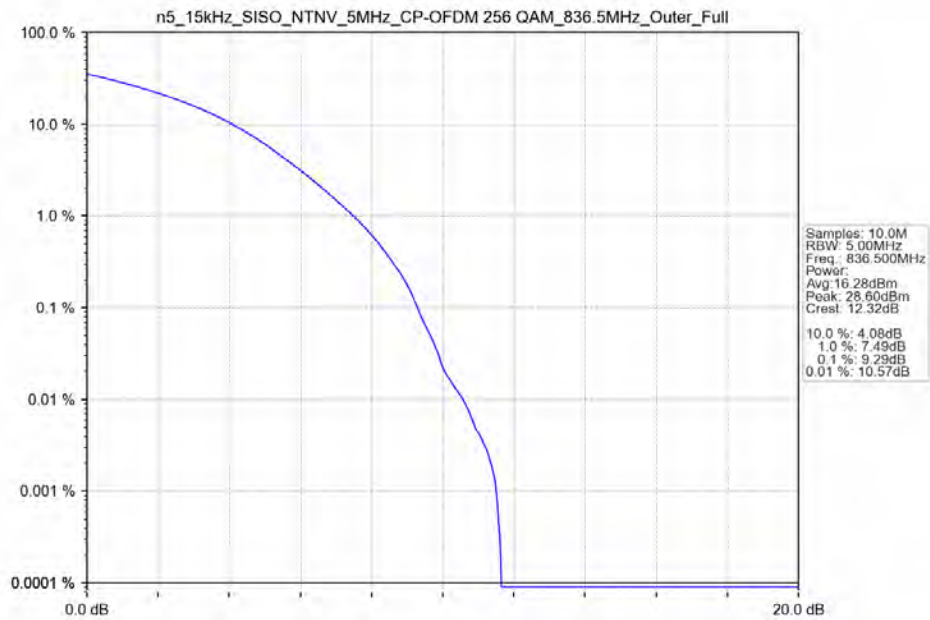
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_846.5MHz_Outer_Full



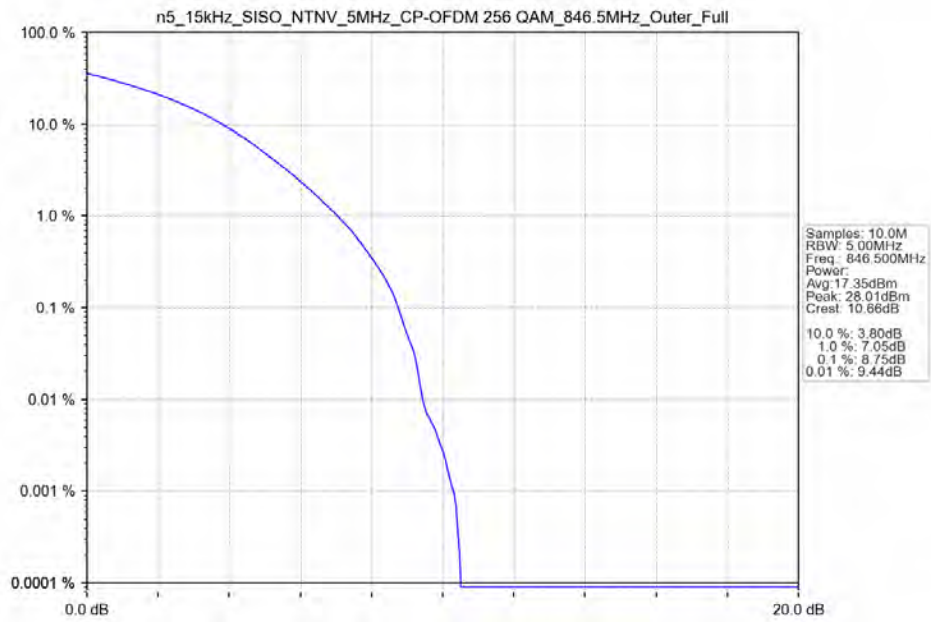
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 826.5MHz_Outer_Full



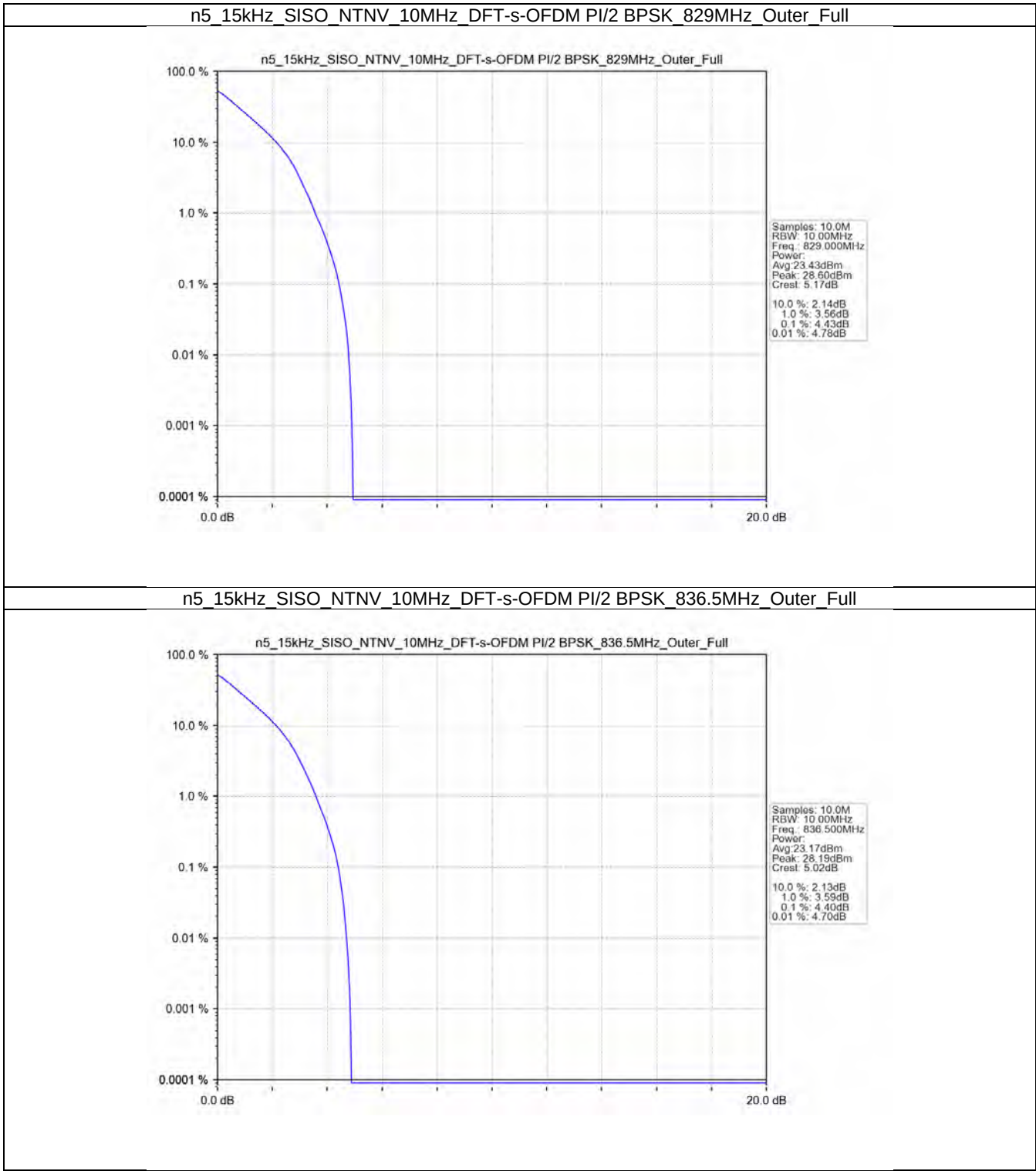
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full



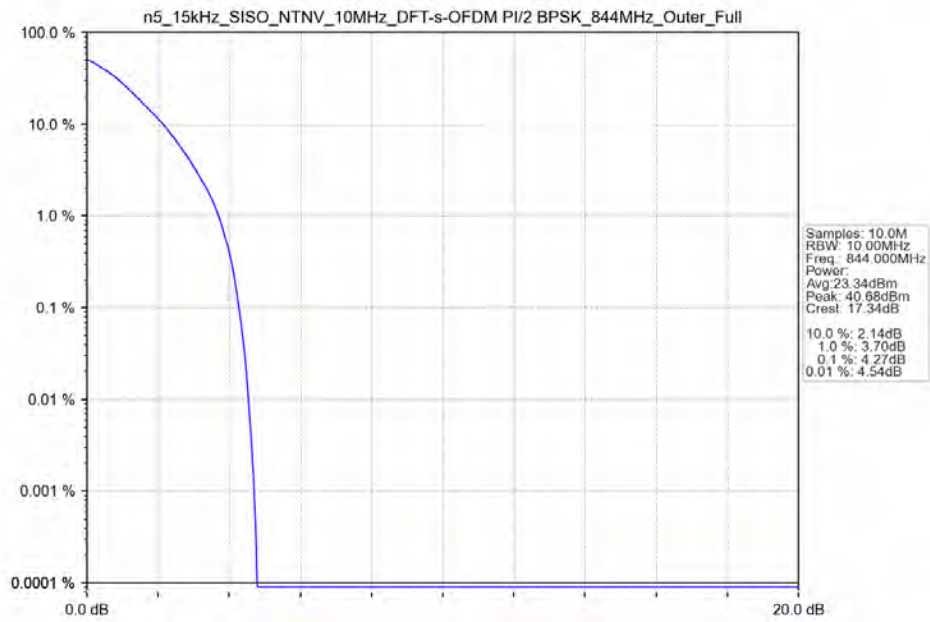
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_846.5MHz_Outer_Full



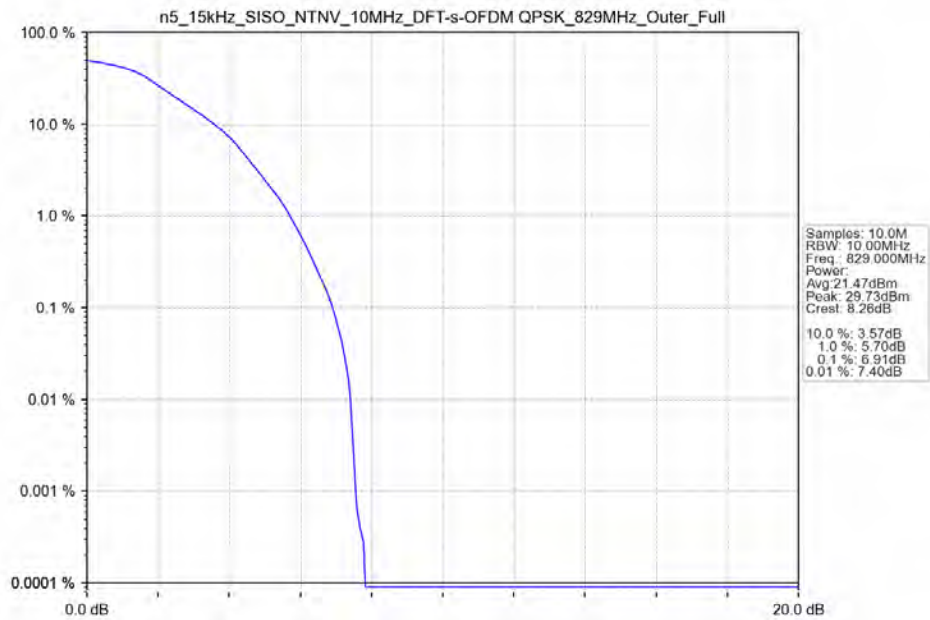
4.2.2 15k_SISO_10MHz_NTNV



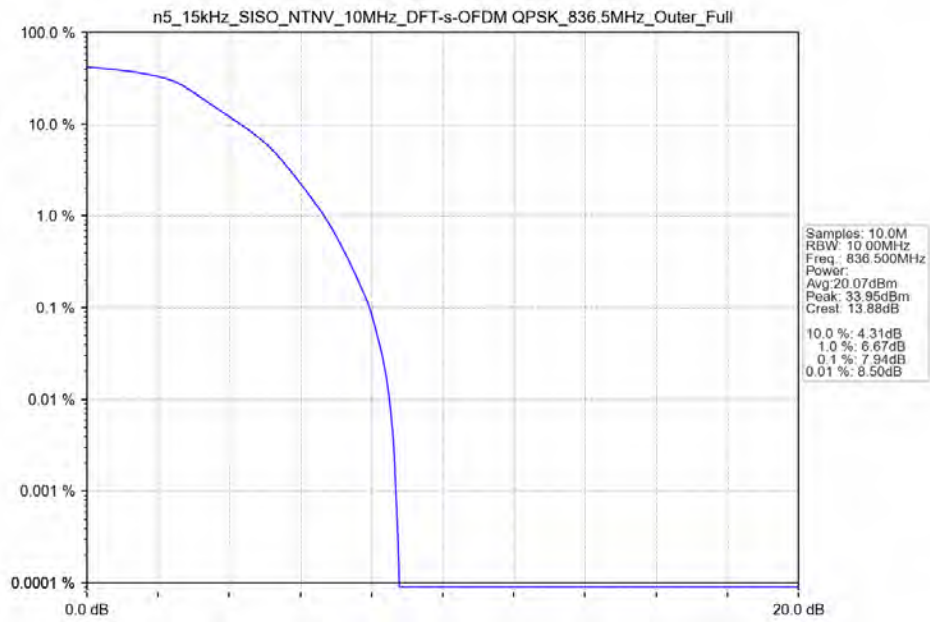
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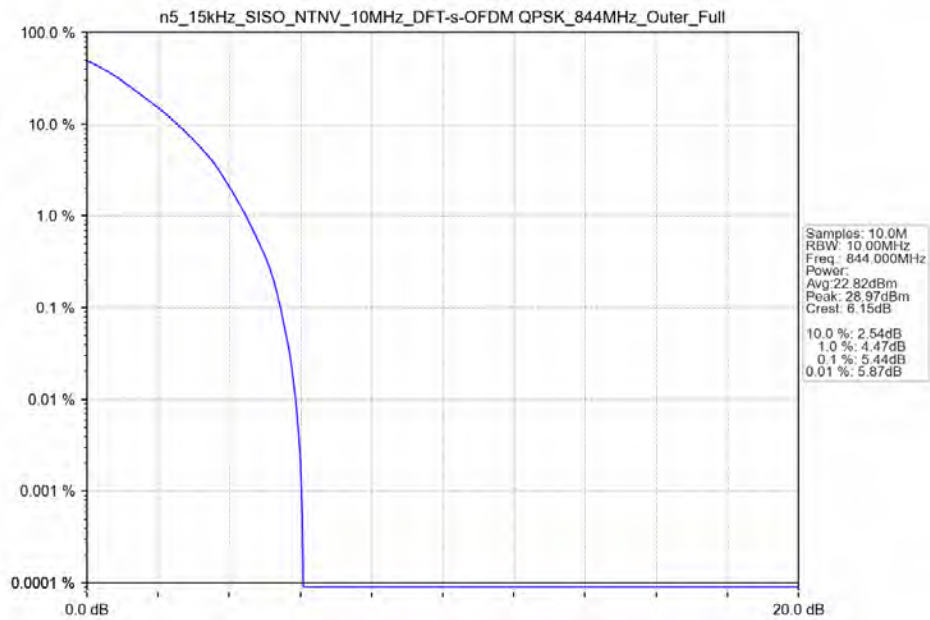
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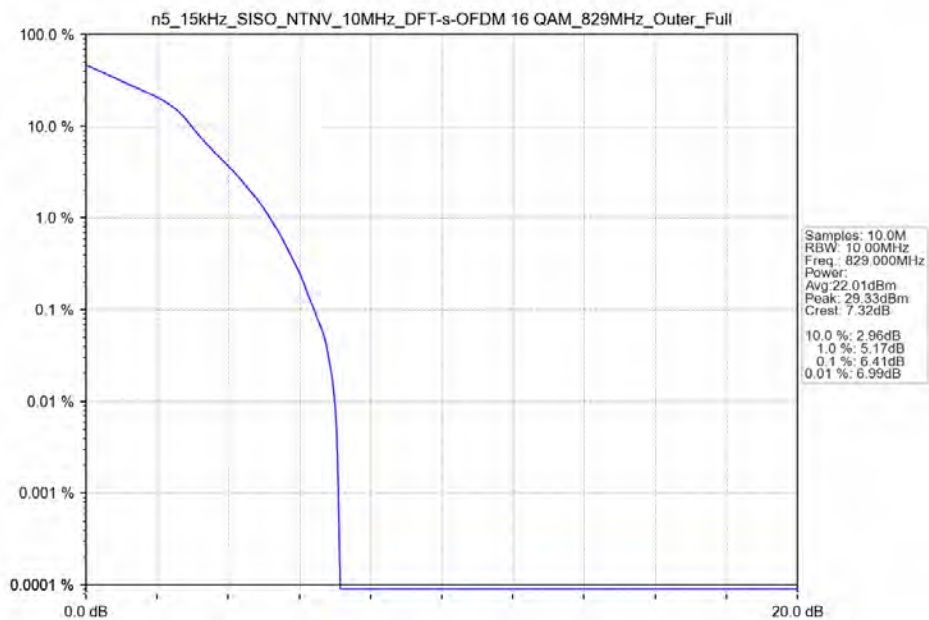
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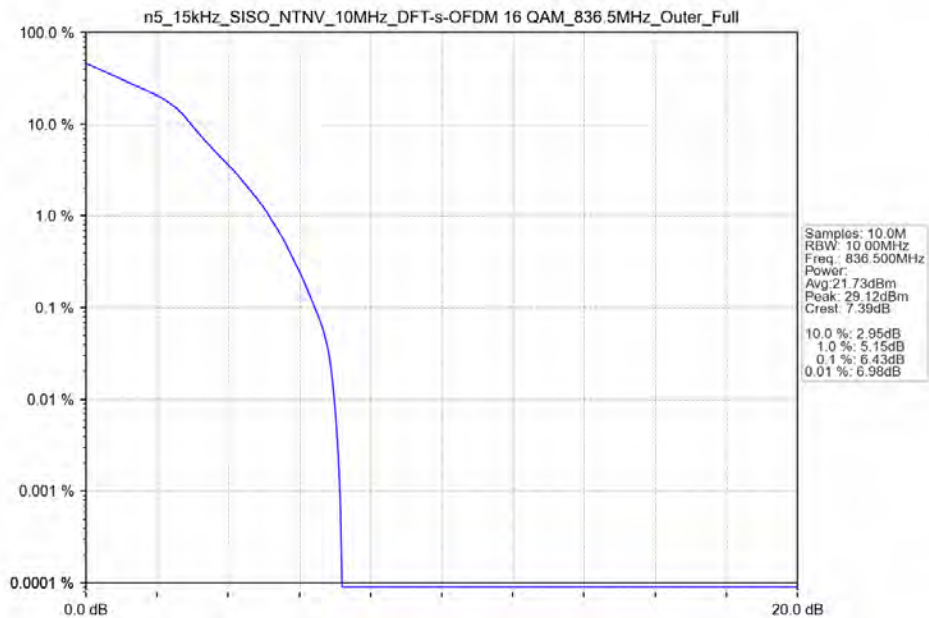
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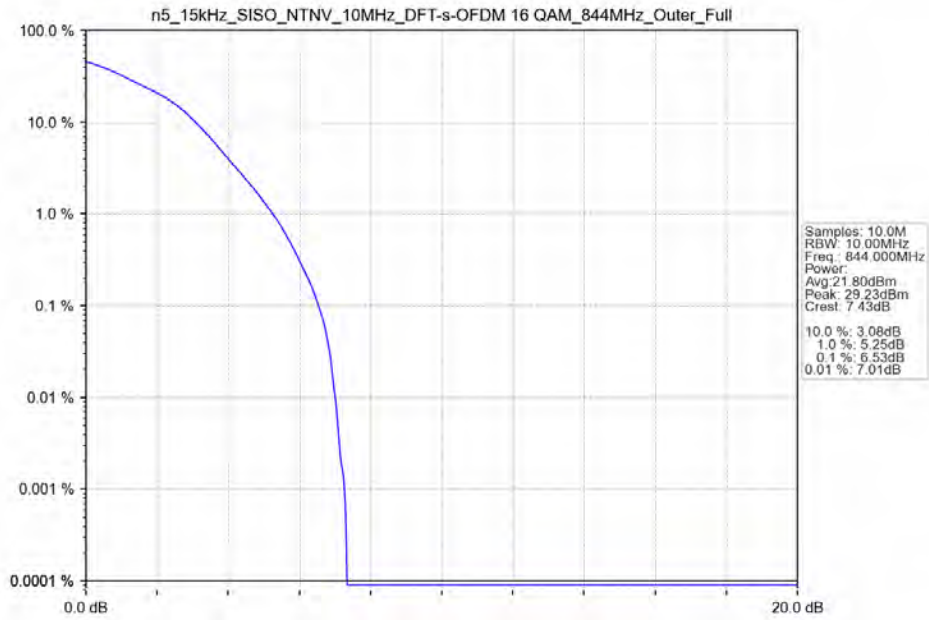
n5_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_829MHz_Outer_Full



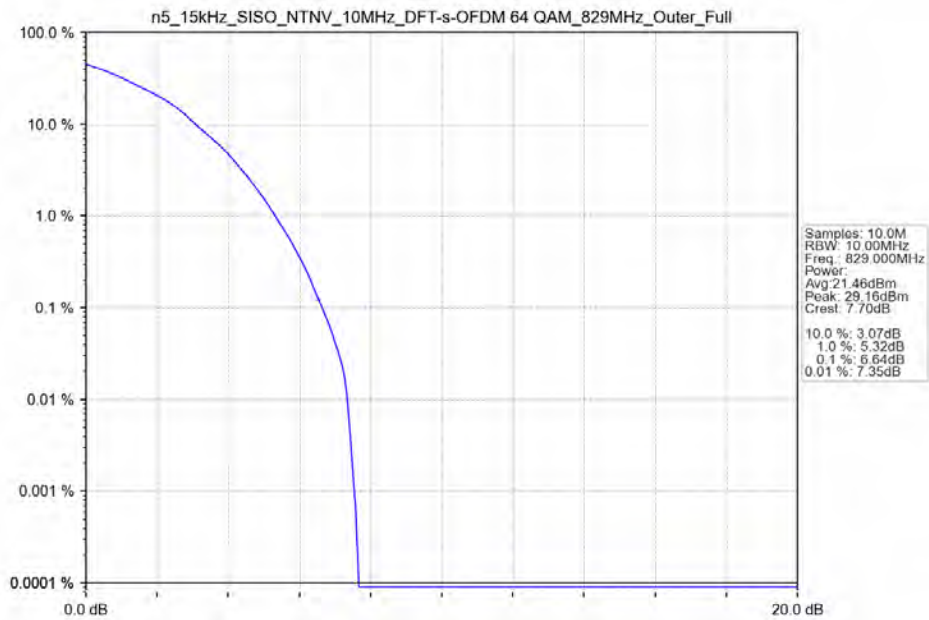
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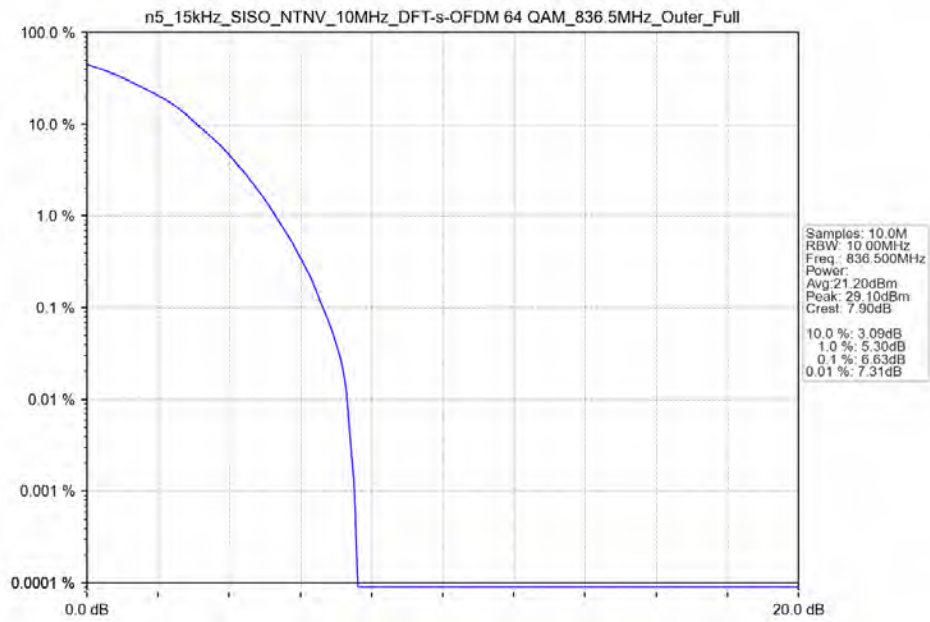
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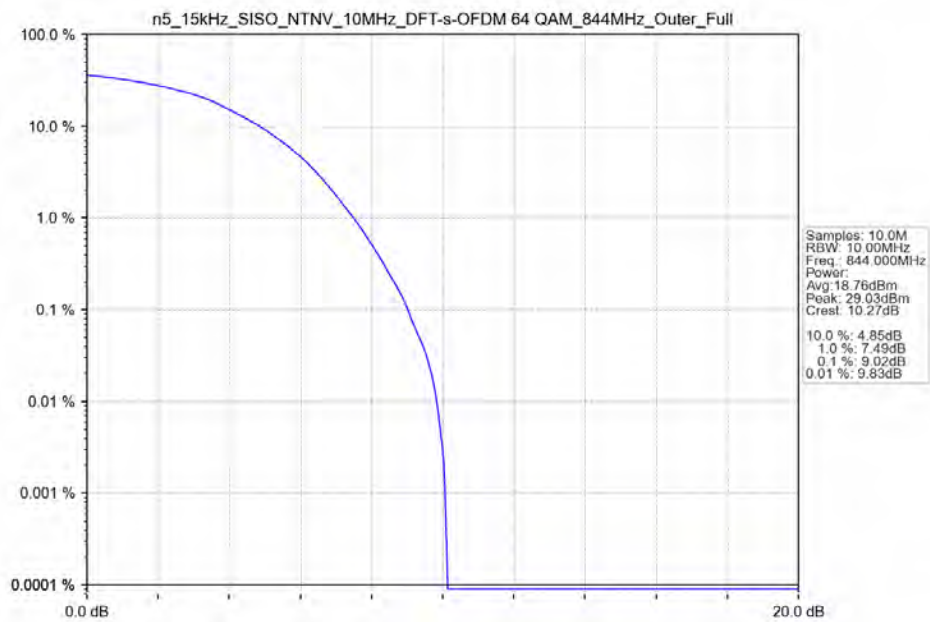
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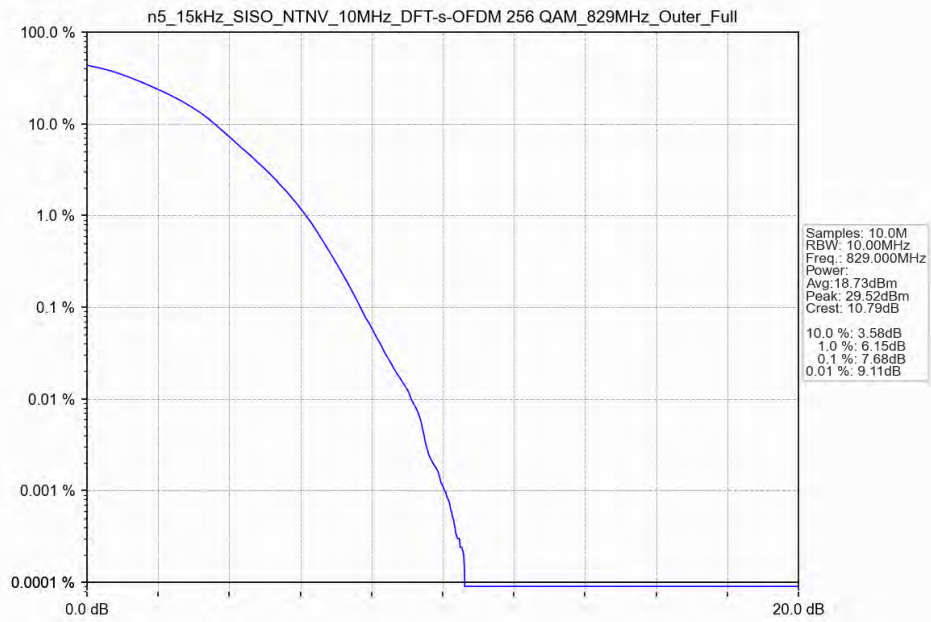
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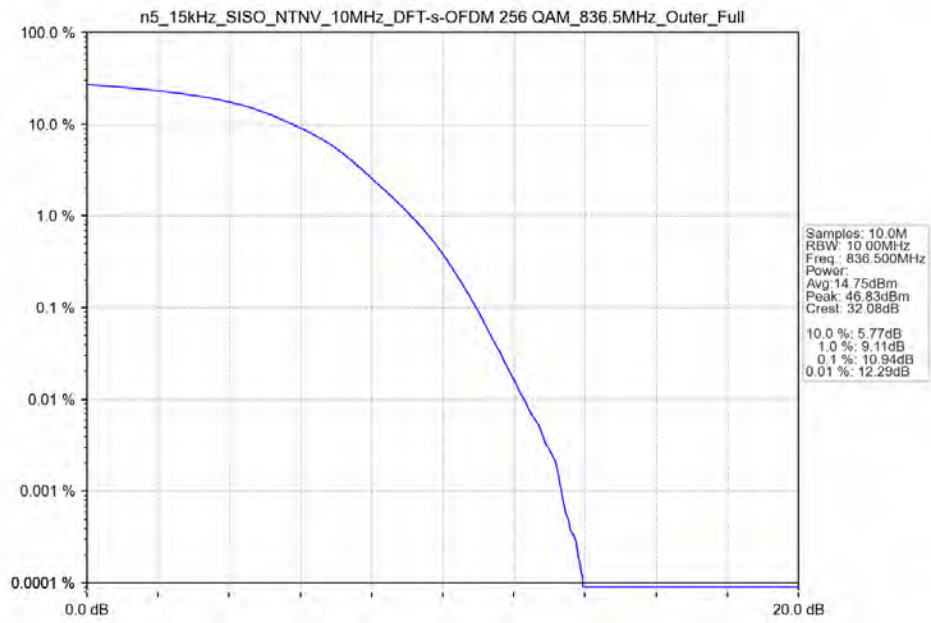
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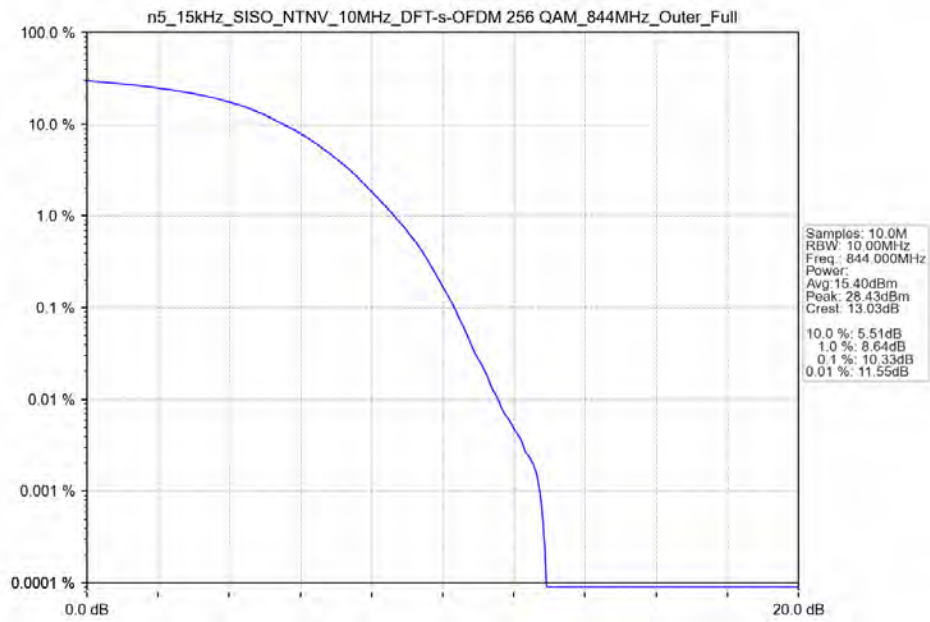
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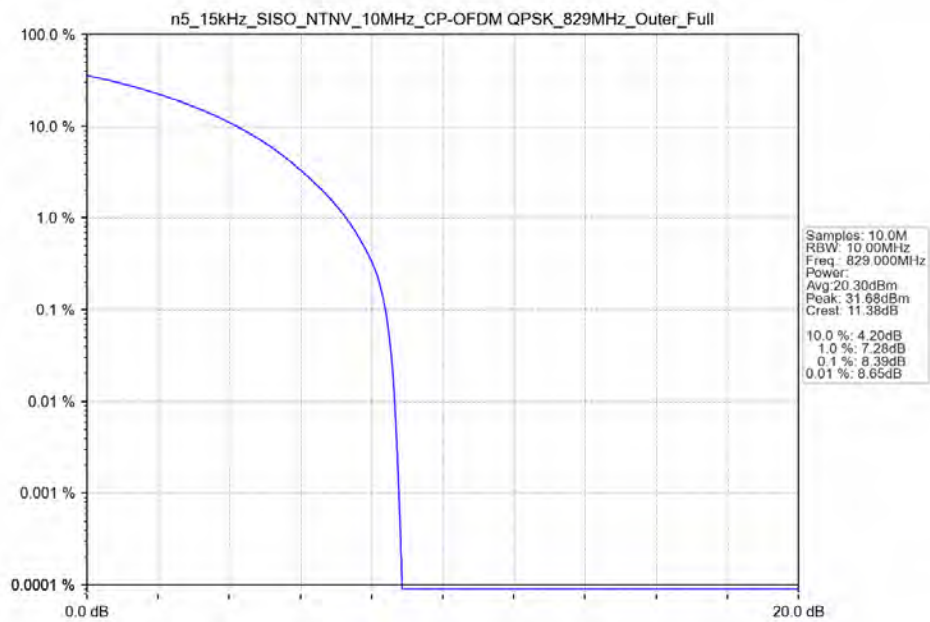
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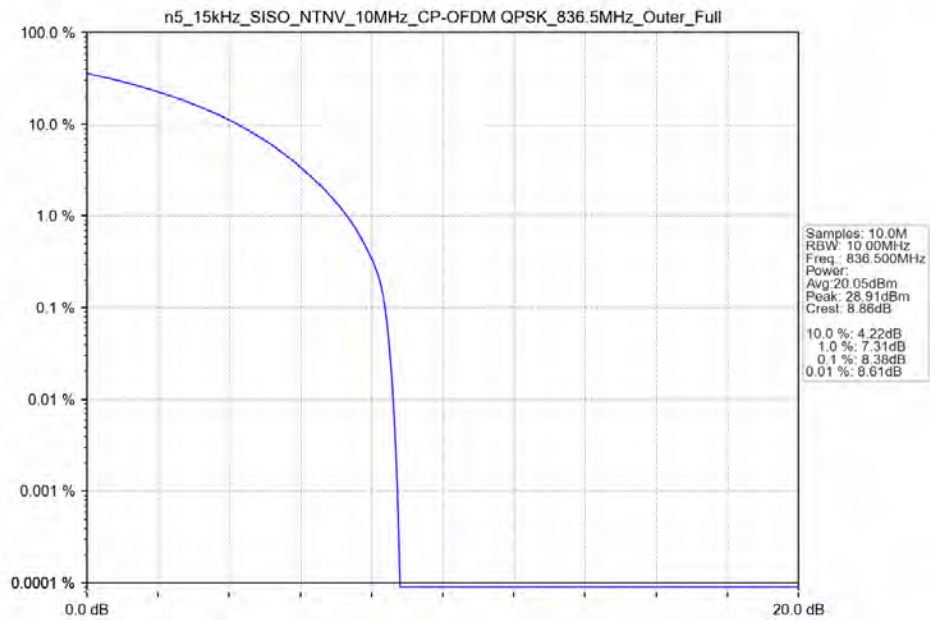
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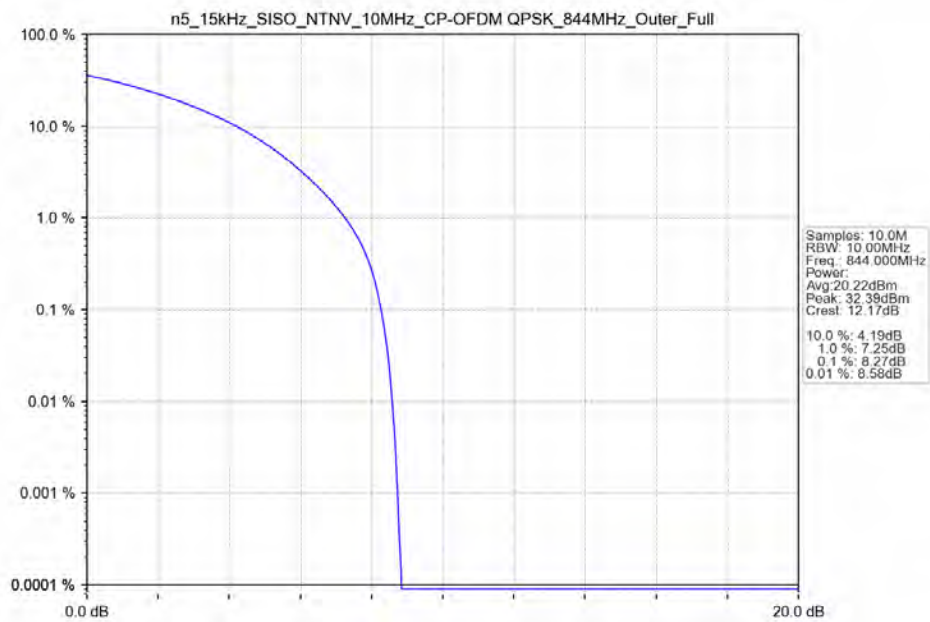
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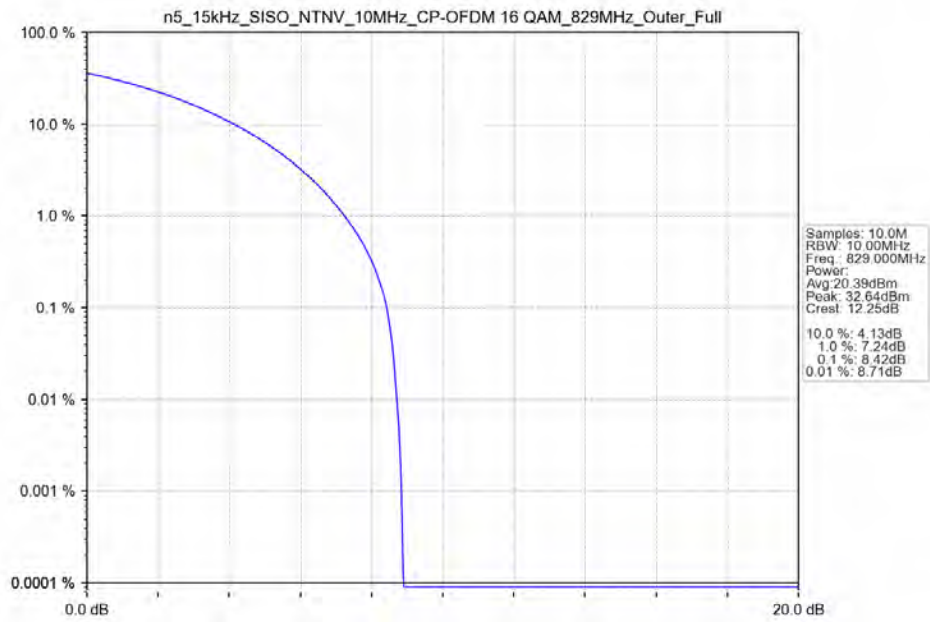
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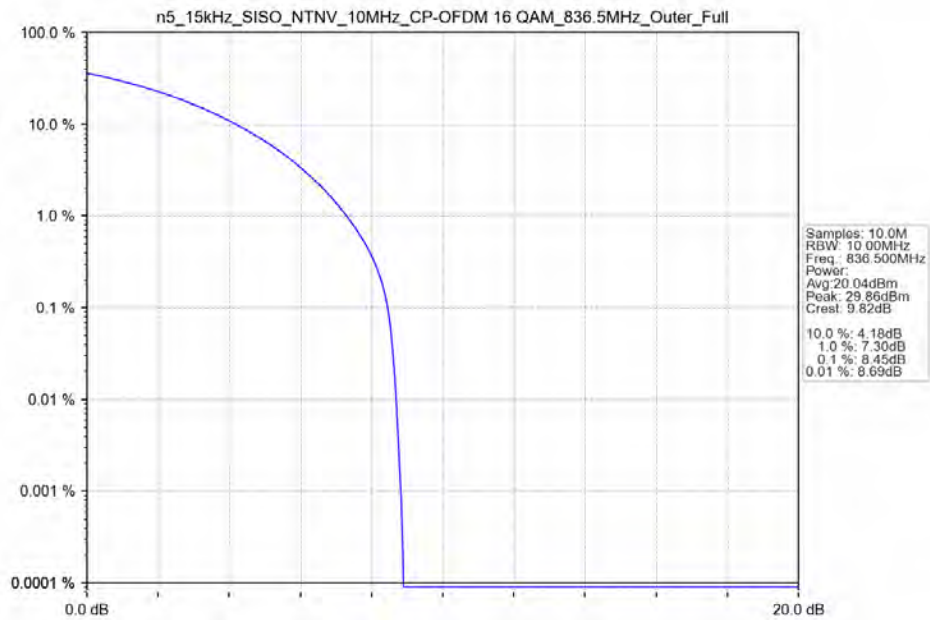
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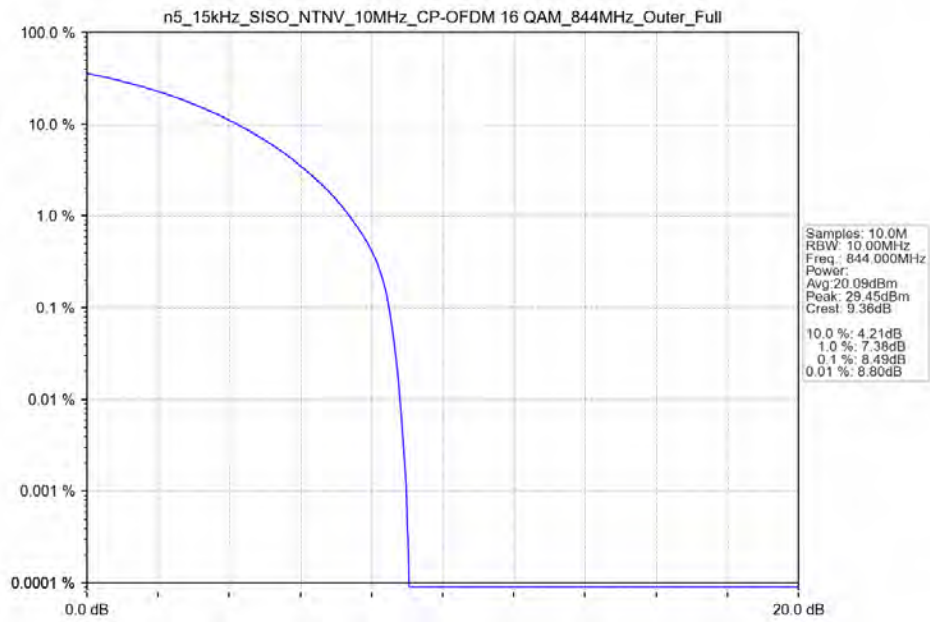
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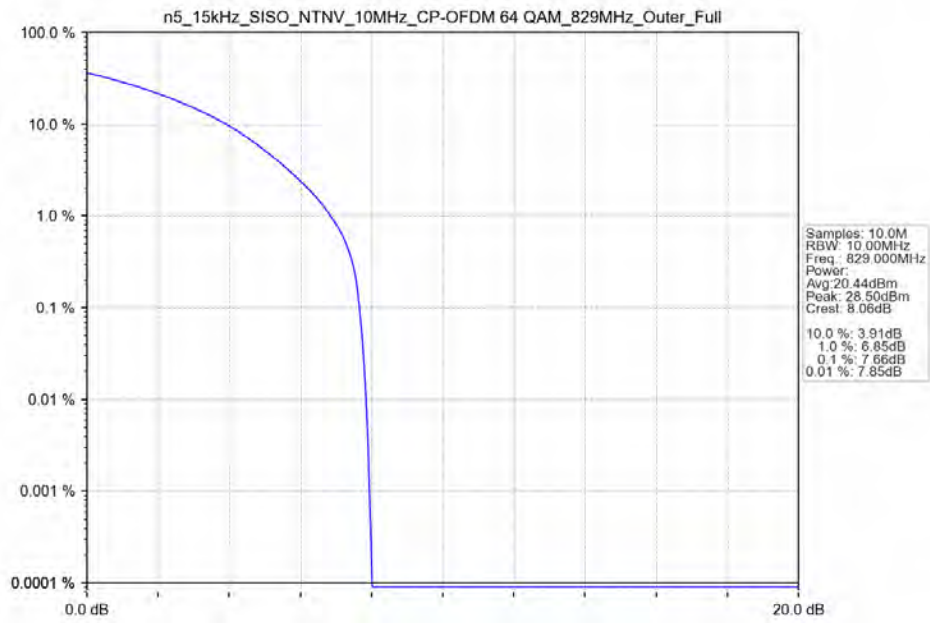
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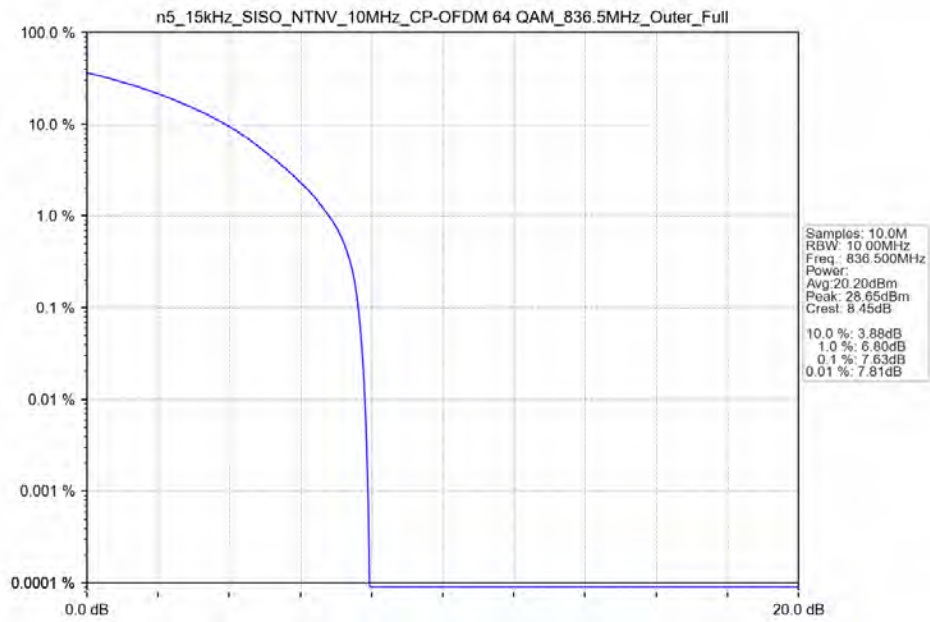
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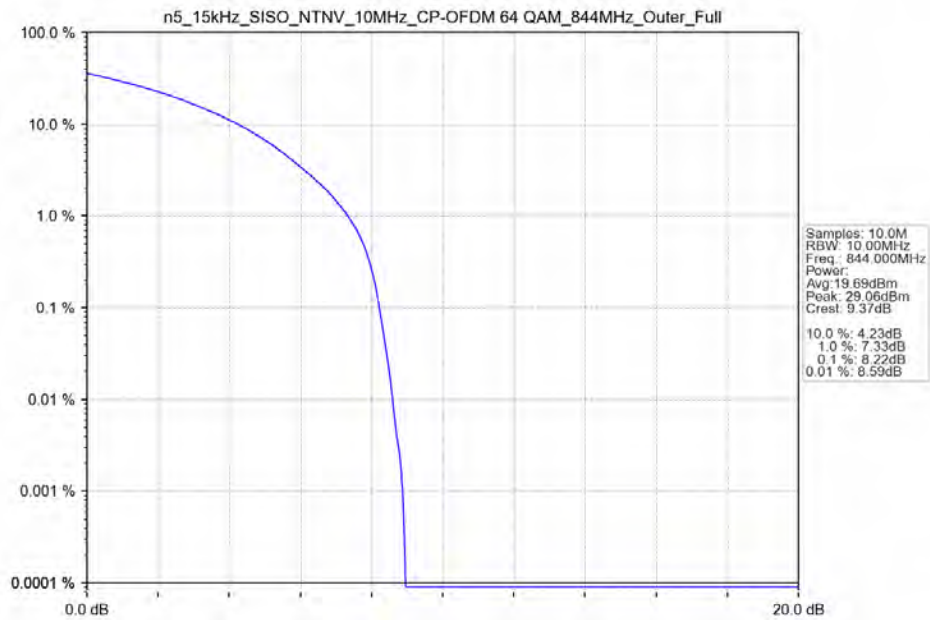
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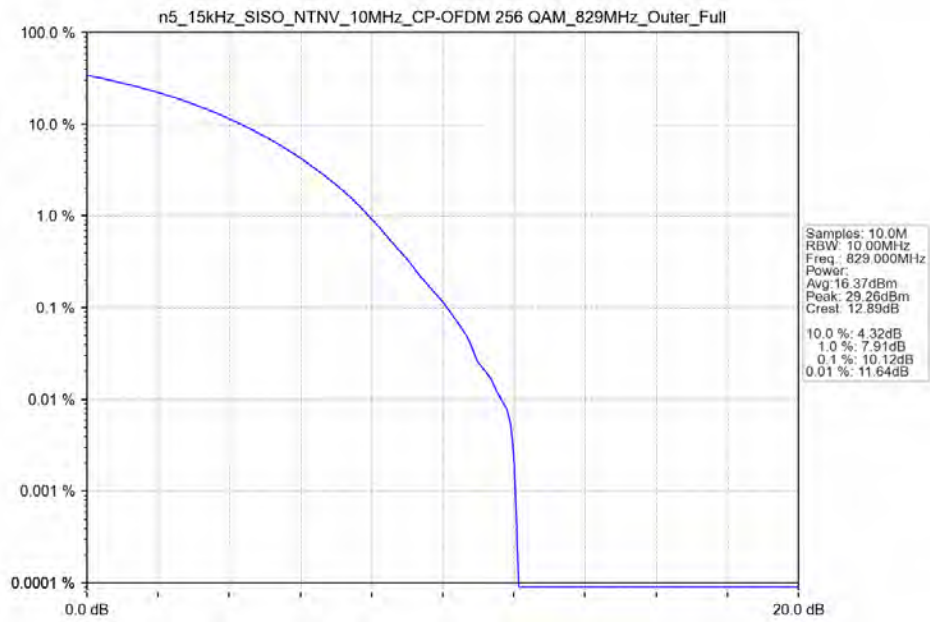
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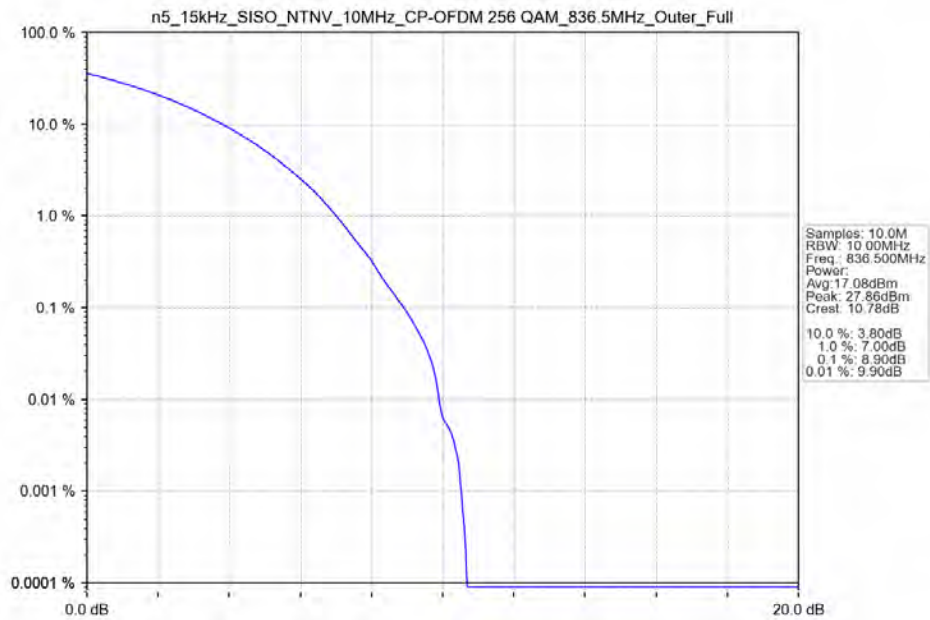
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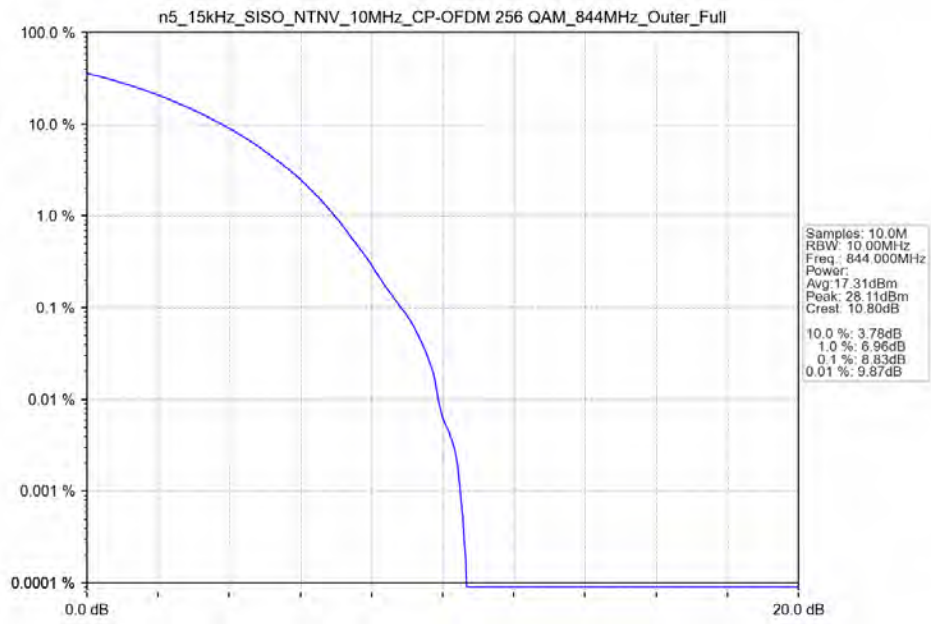
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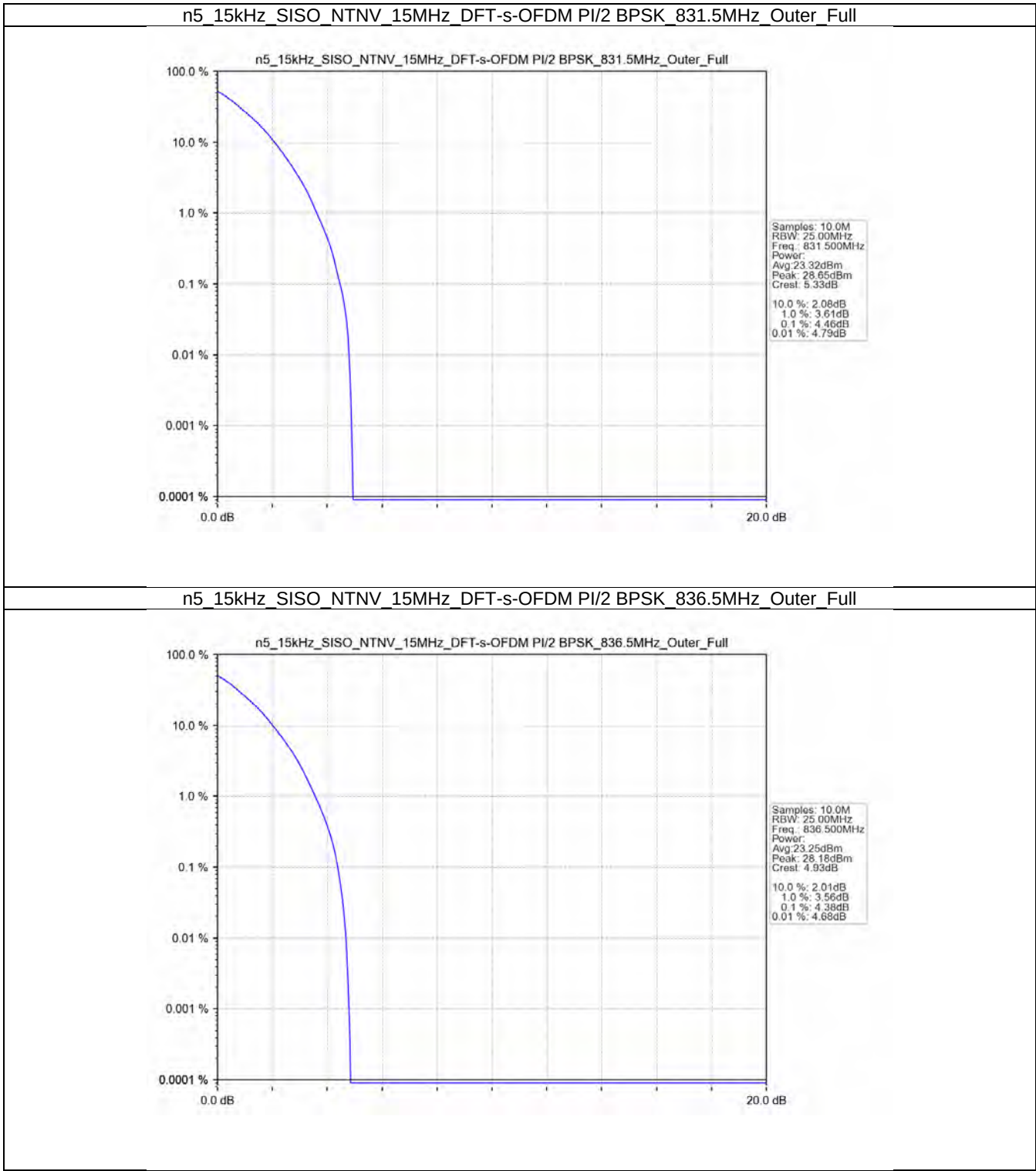
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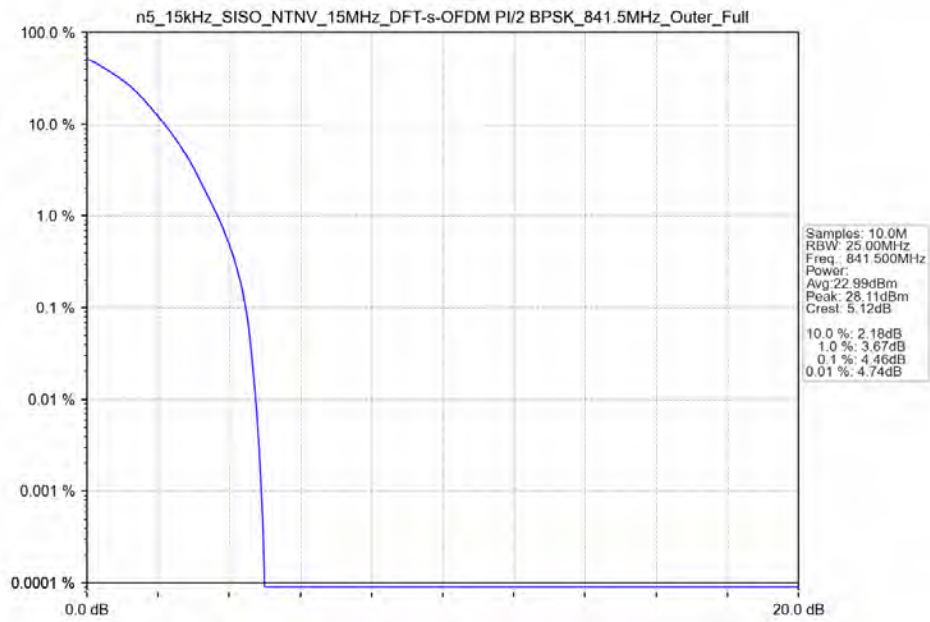
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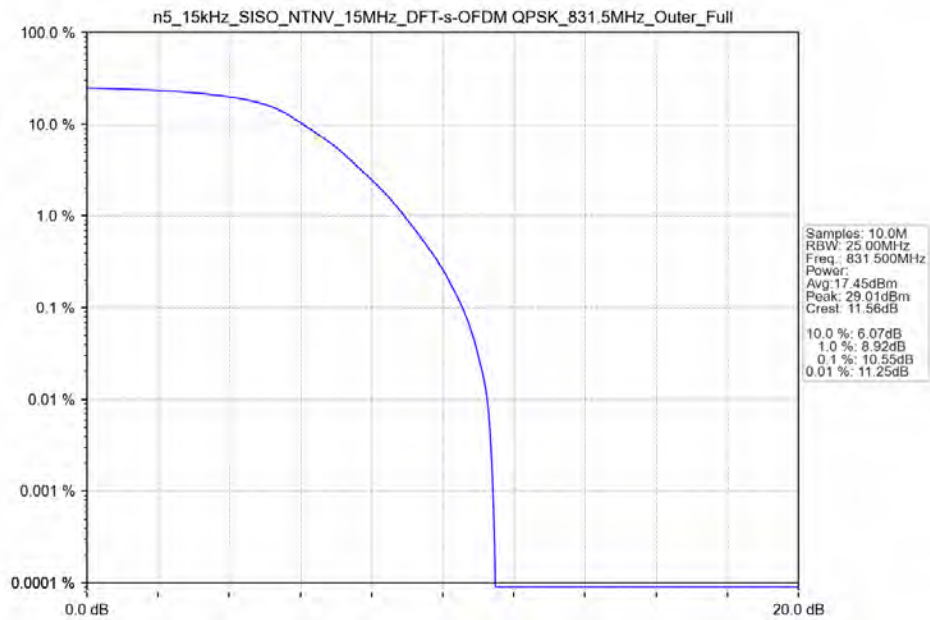
4.2.3 15k_SISO_15MHz_NTNV



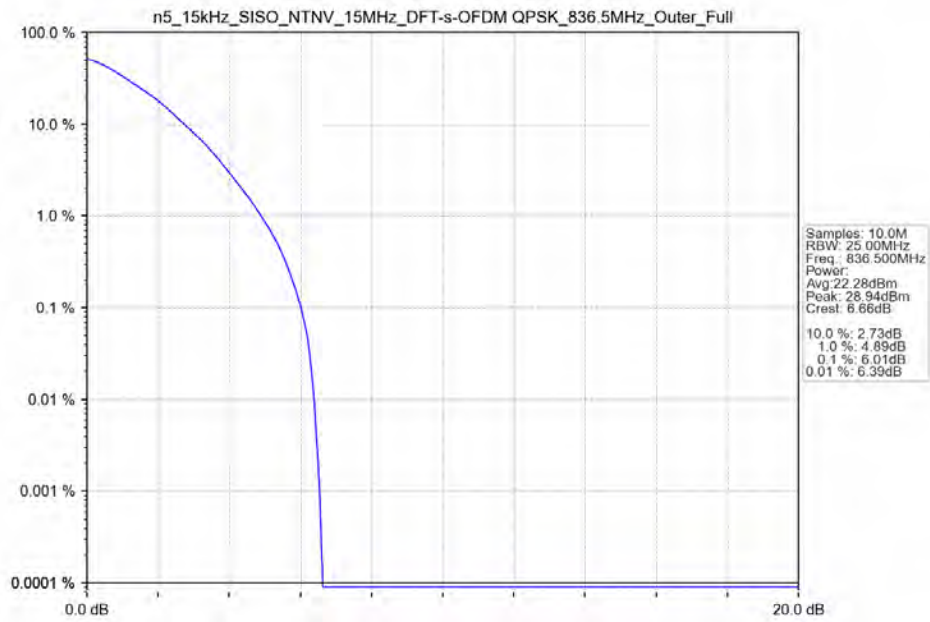
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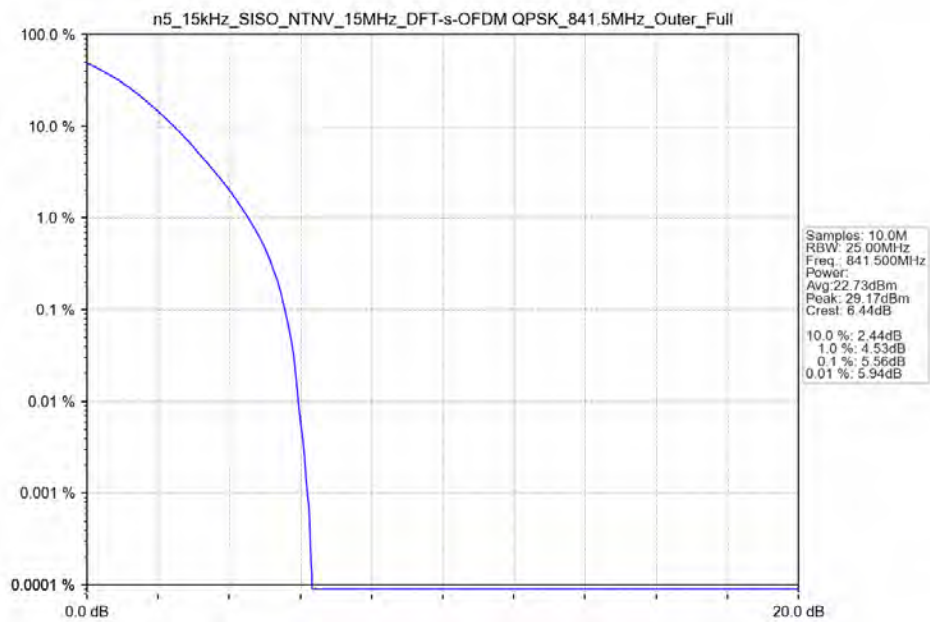
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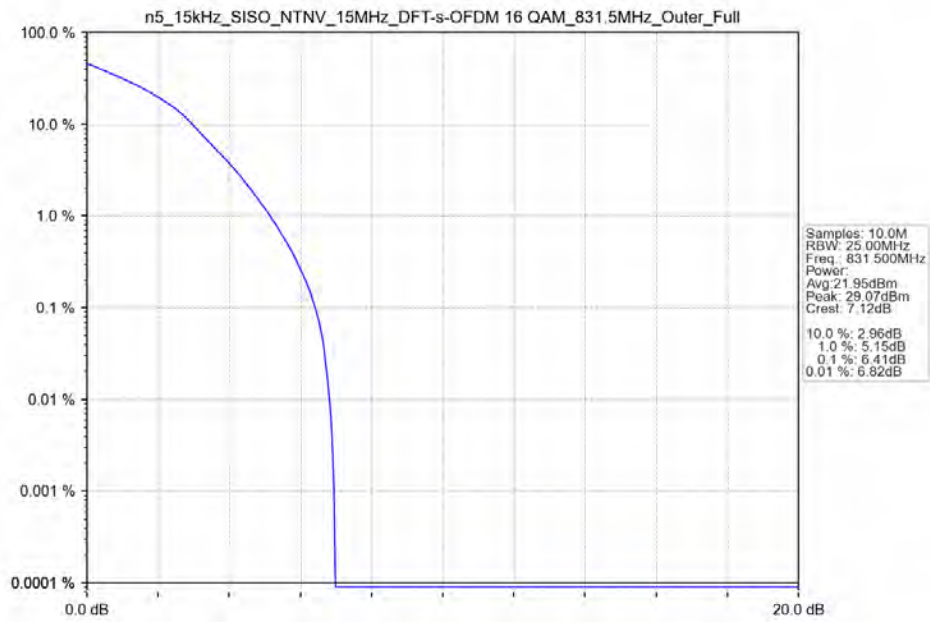
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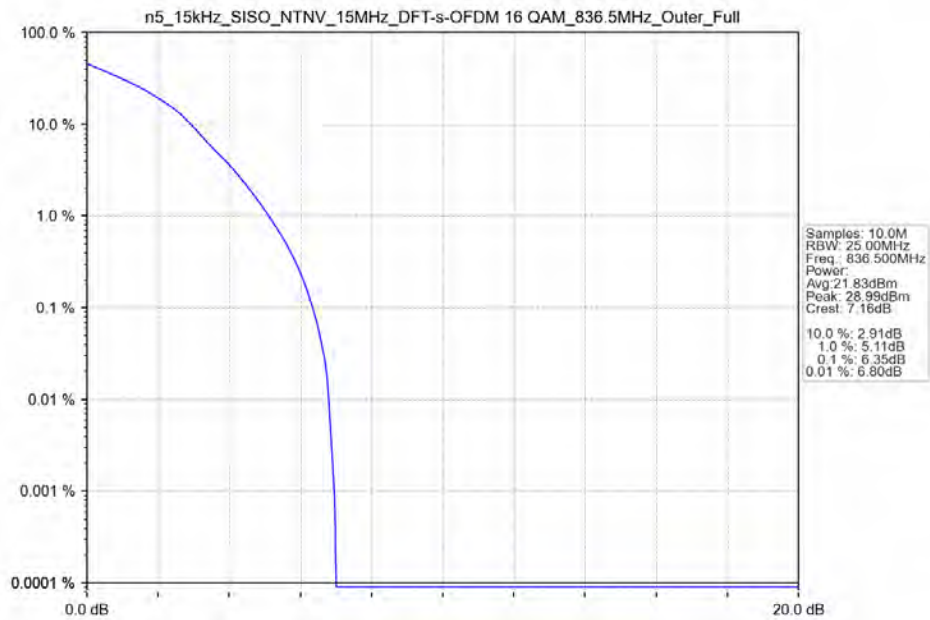
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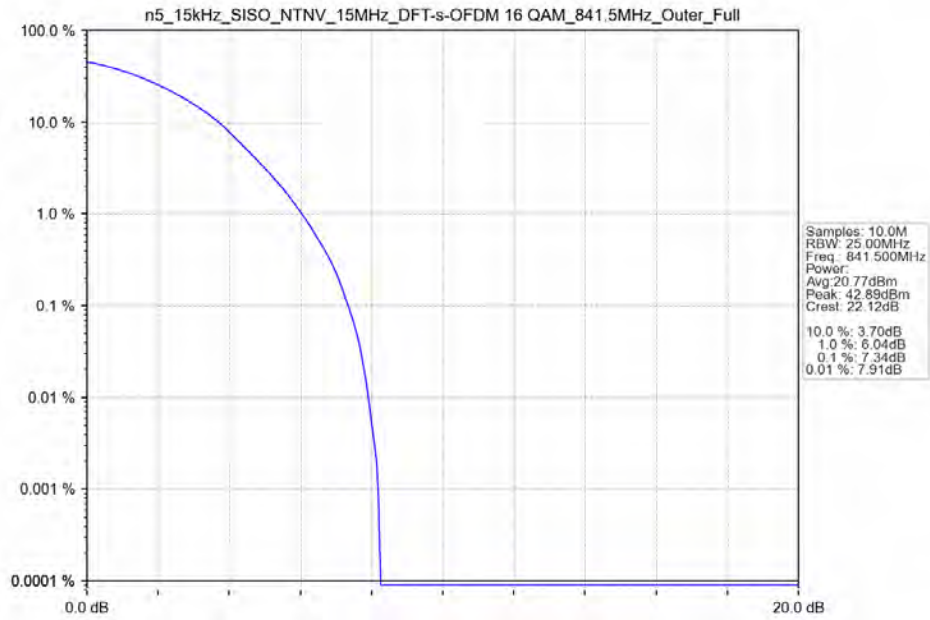
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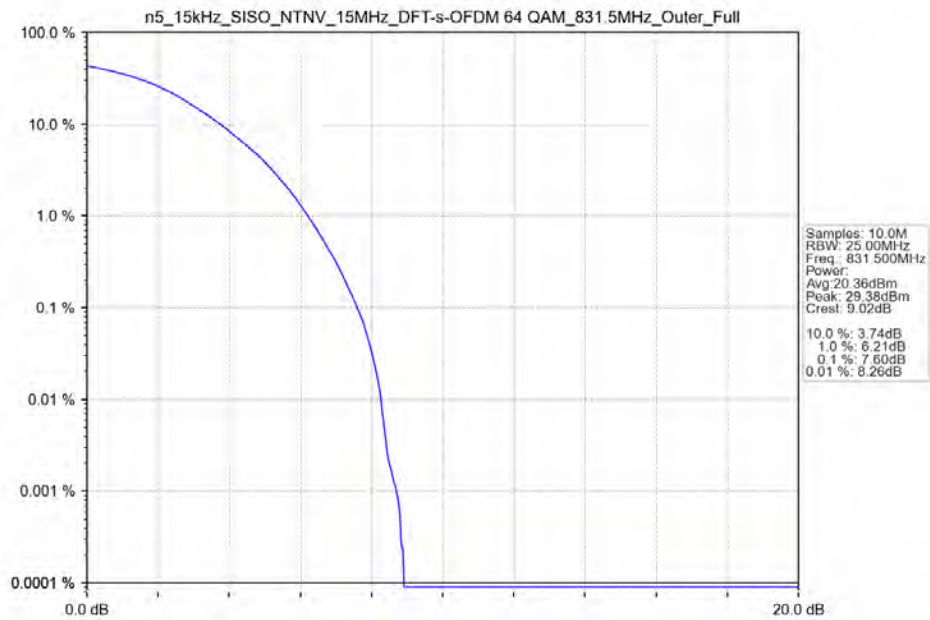
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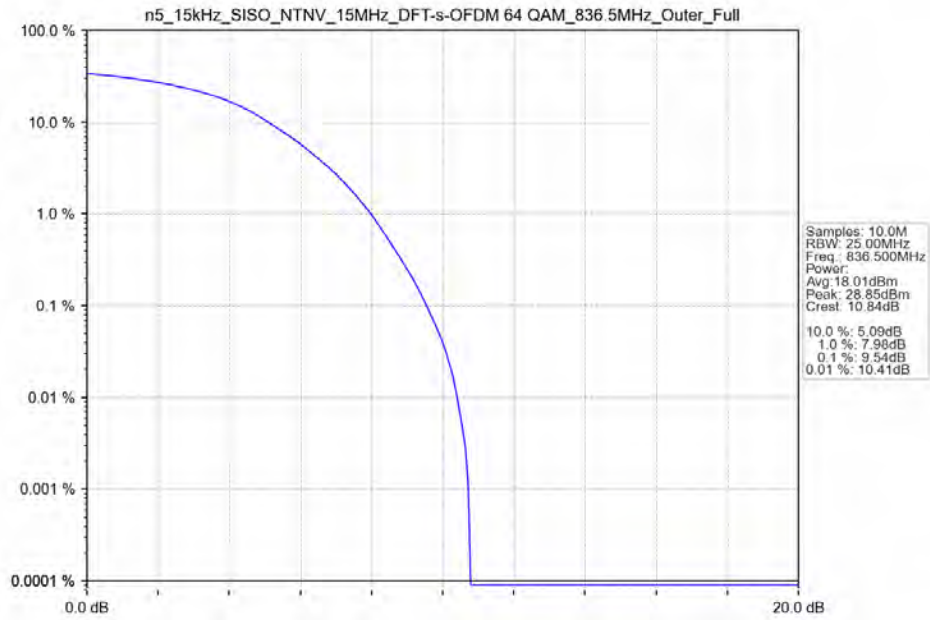
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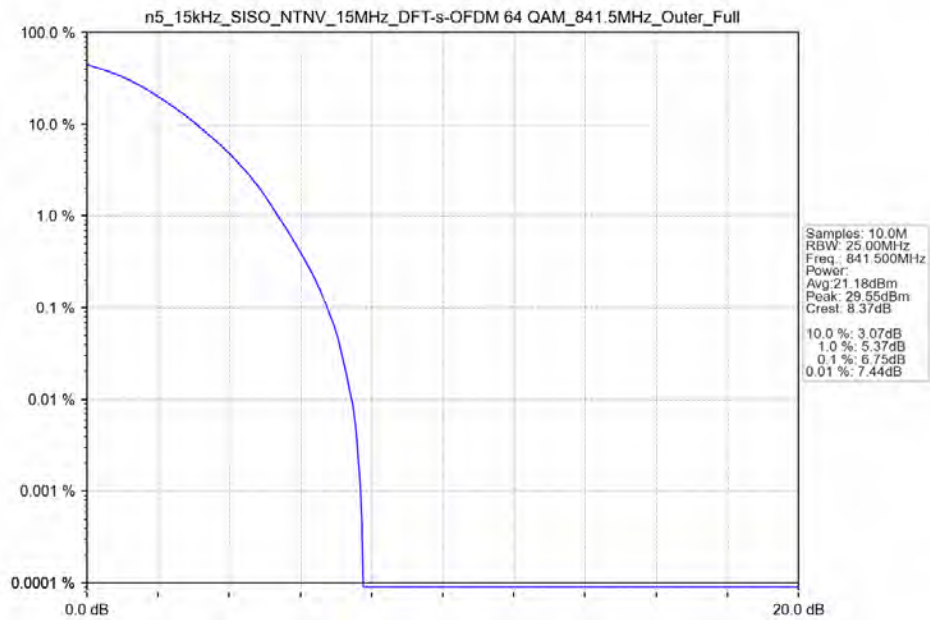
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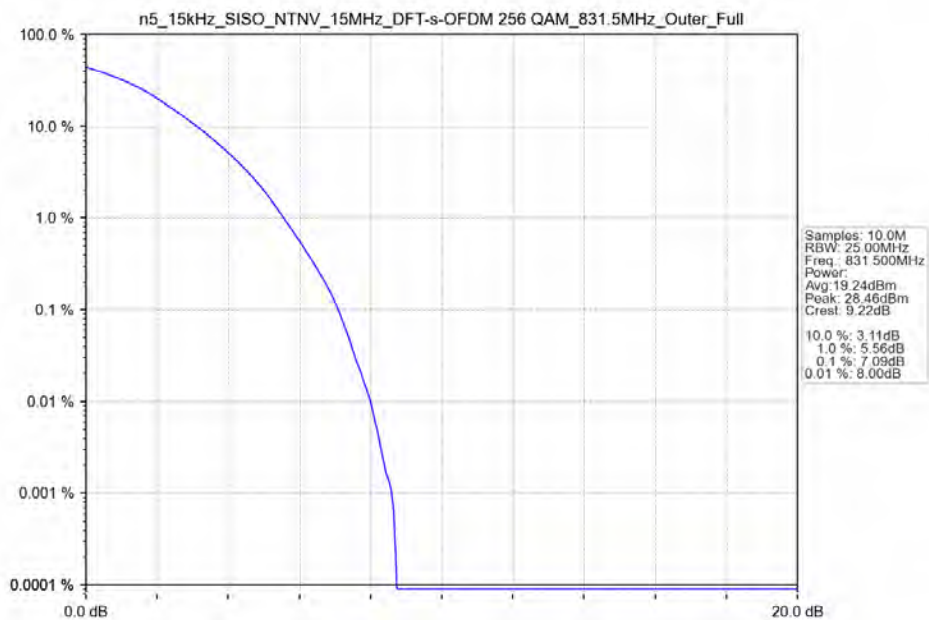
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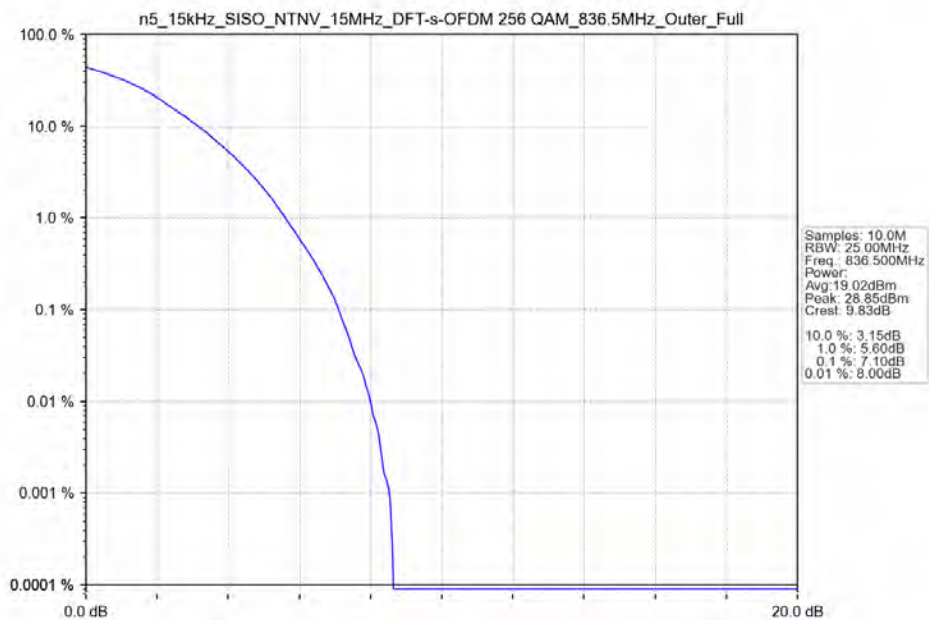
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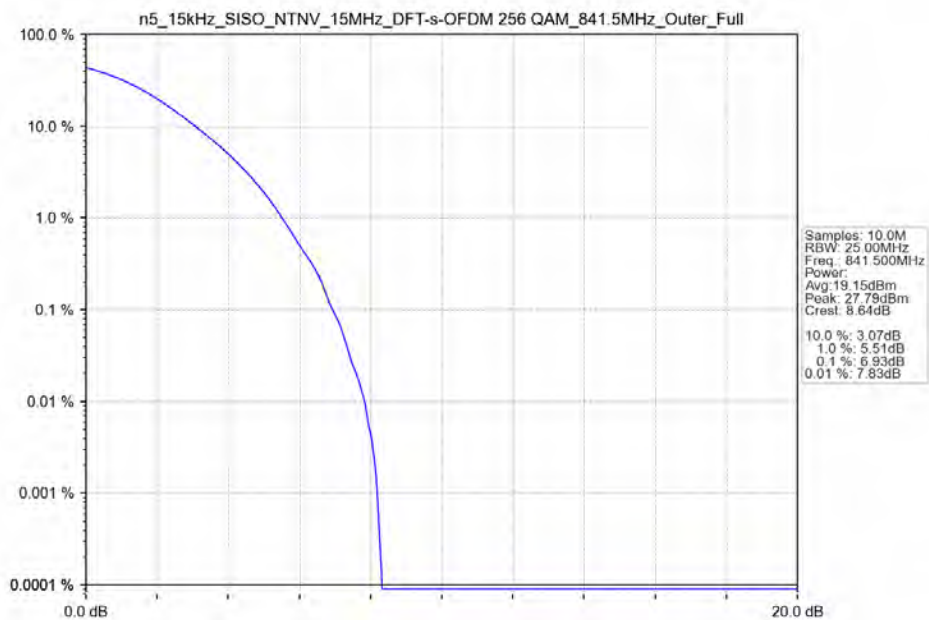
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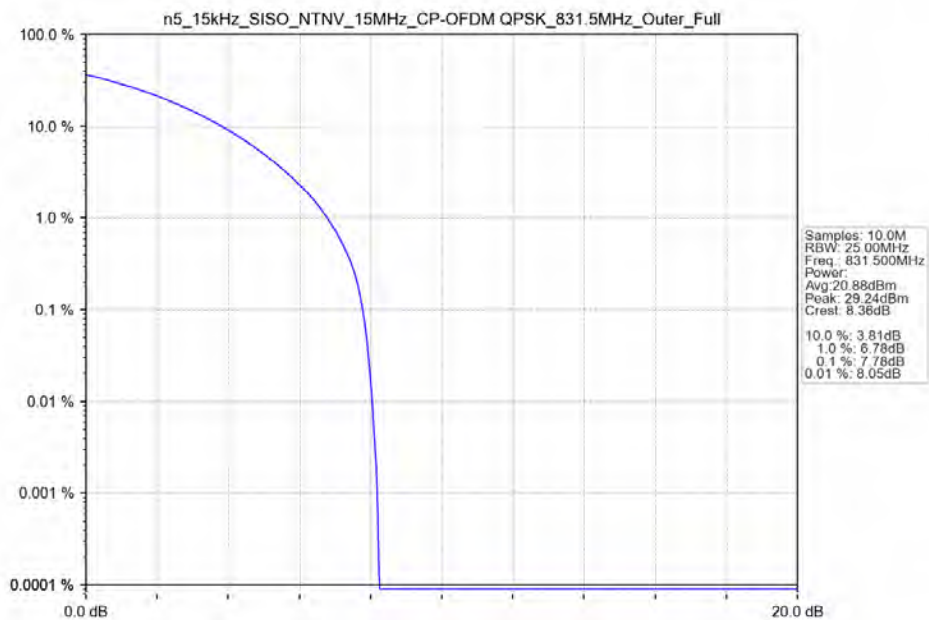
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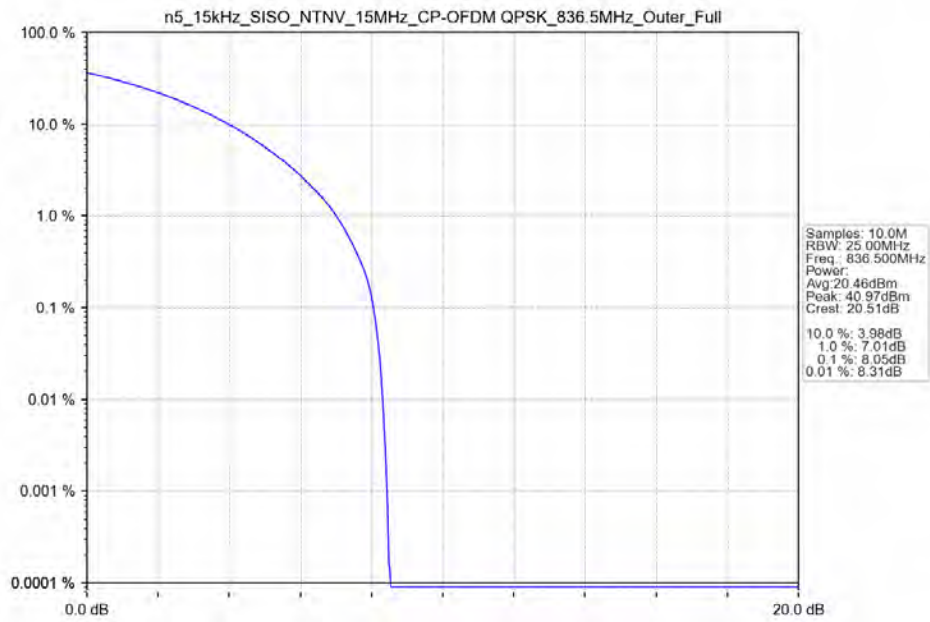
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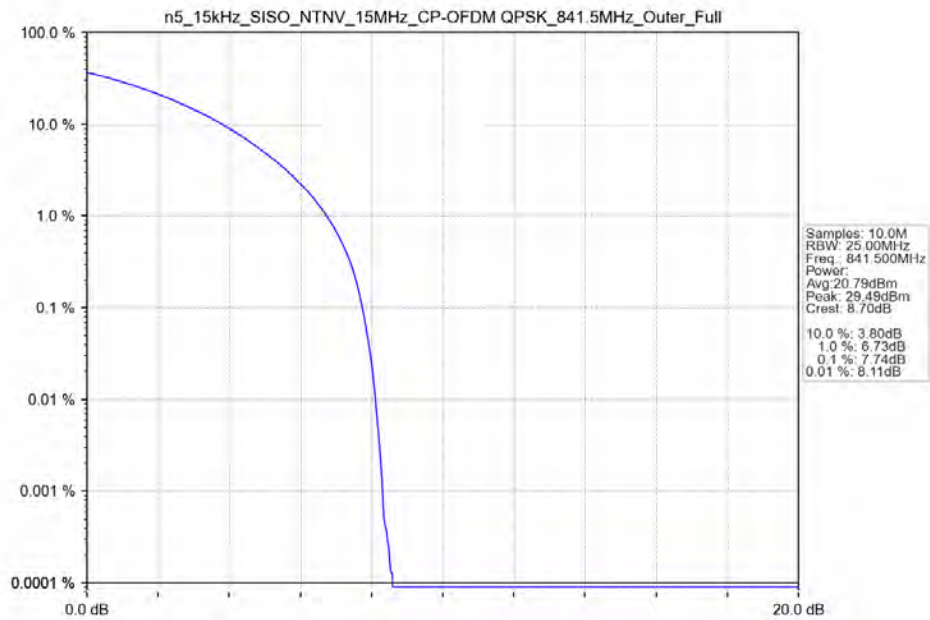
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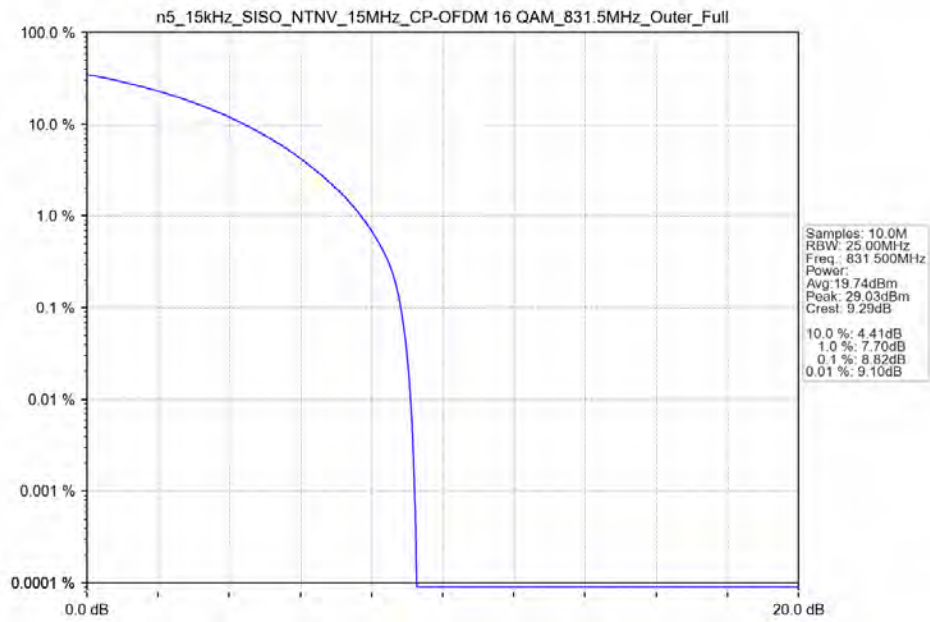
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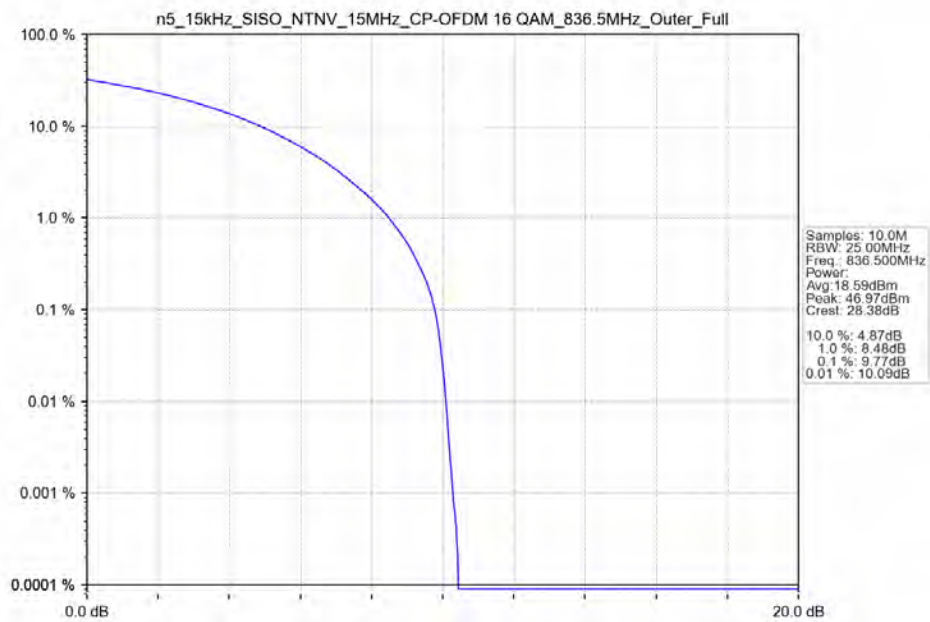
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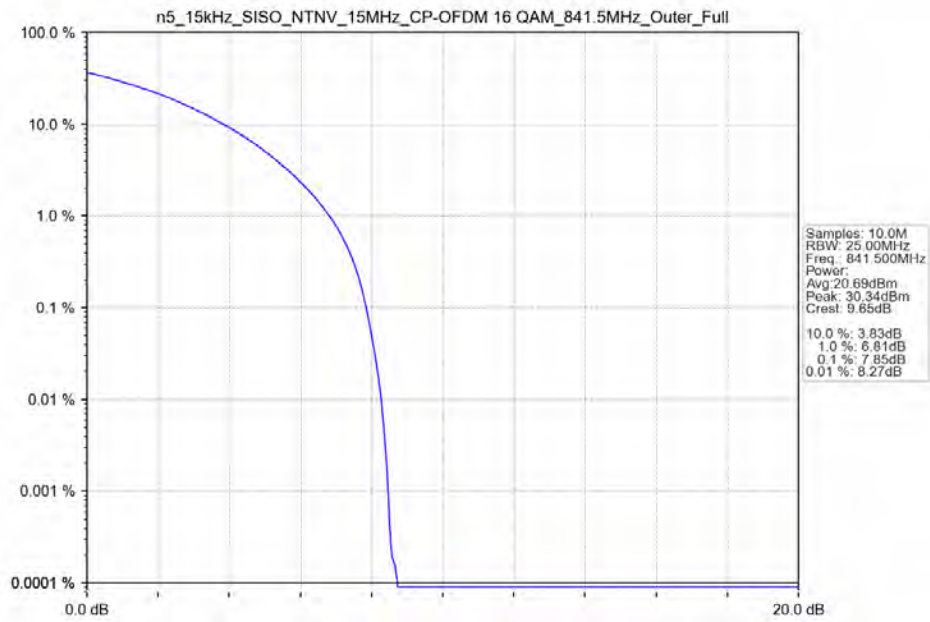
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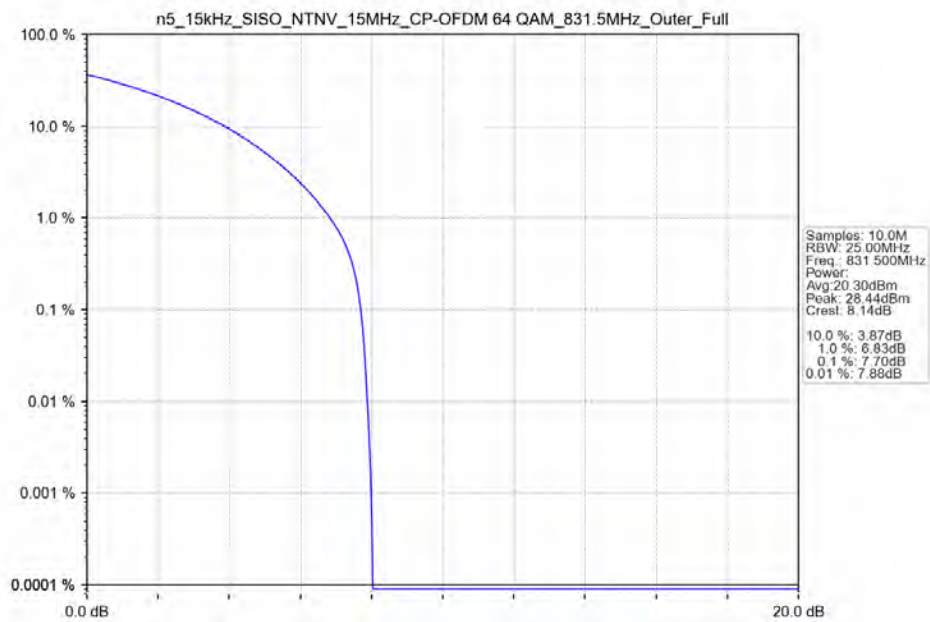
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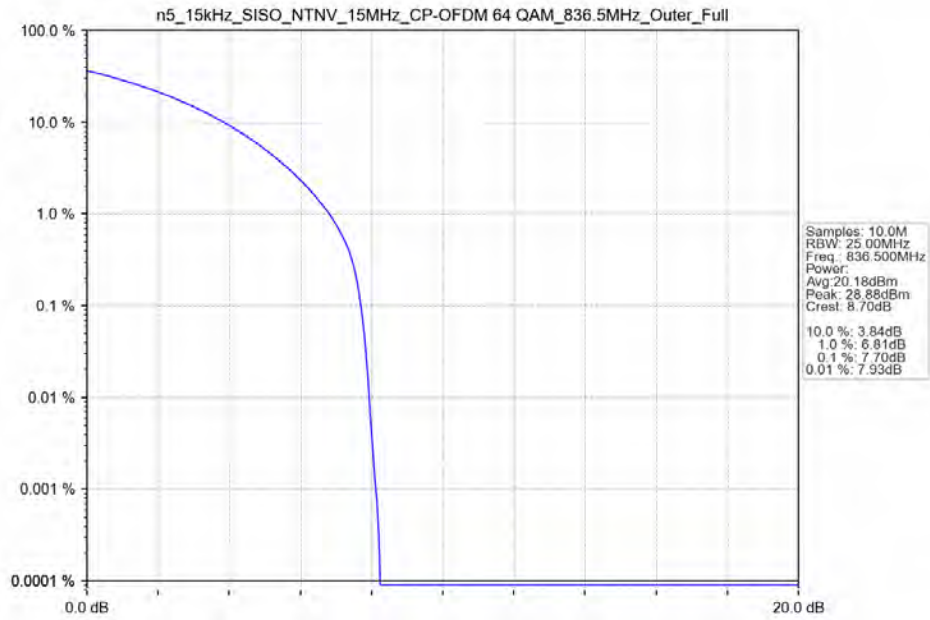
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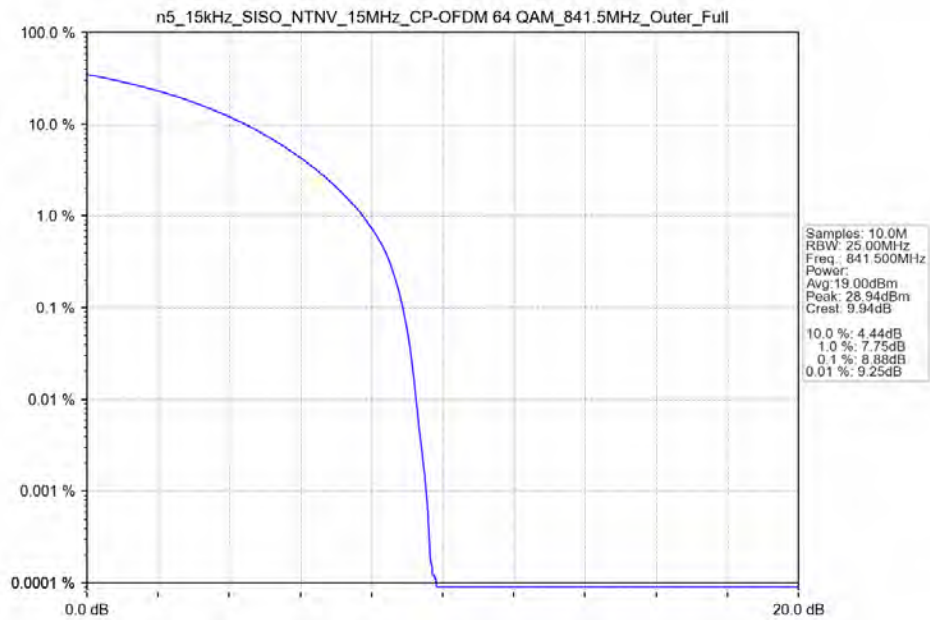
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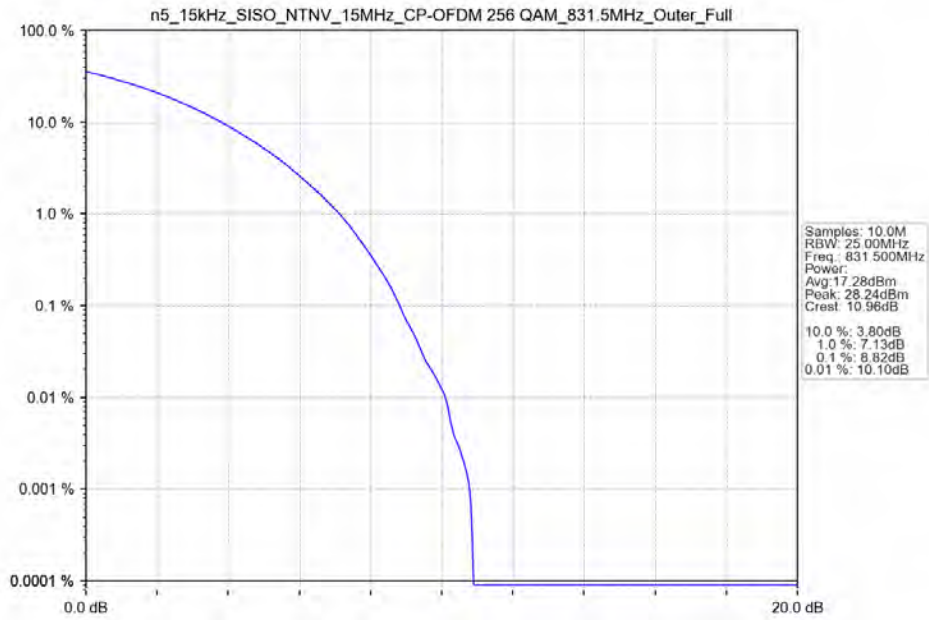
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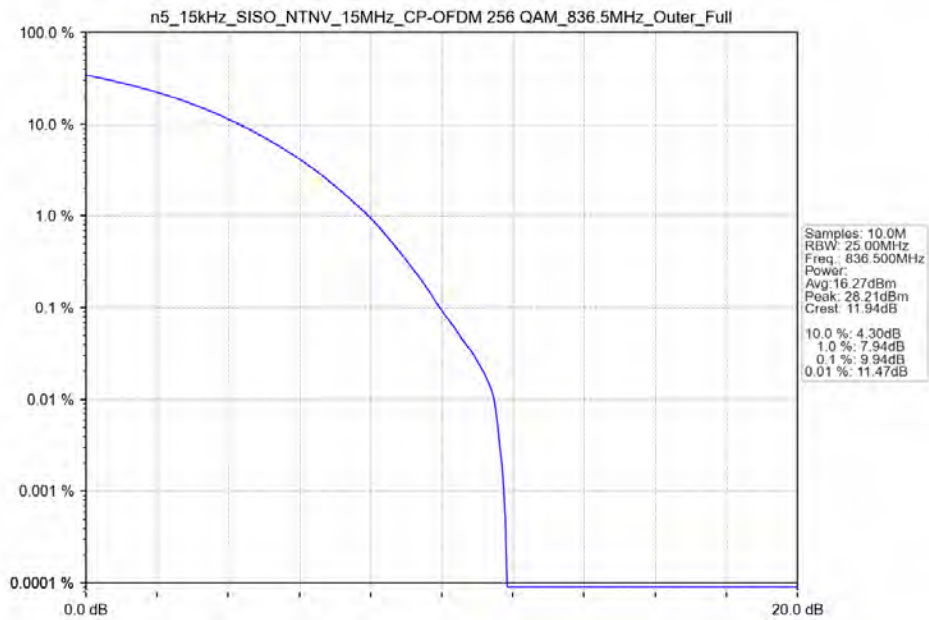
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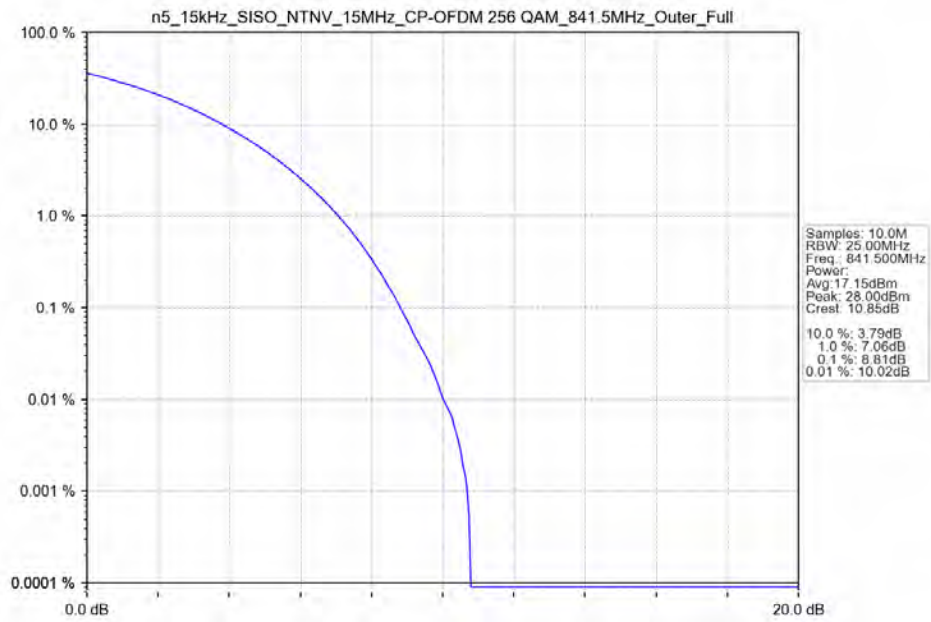
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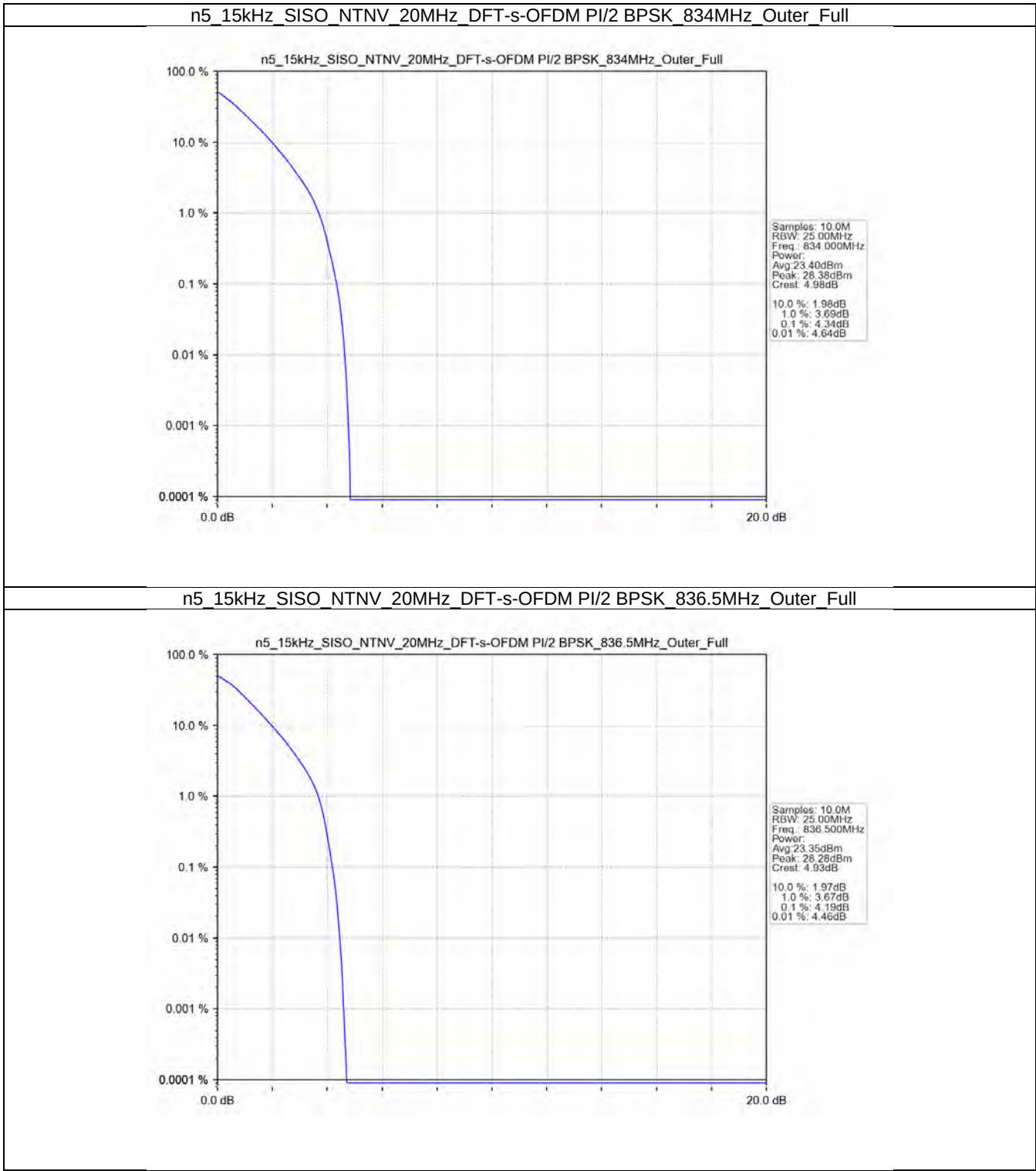
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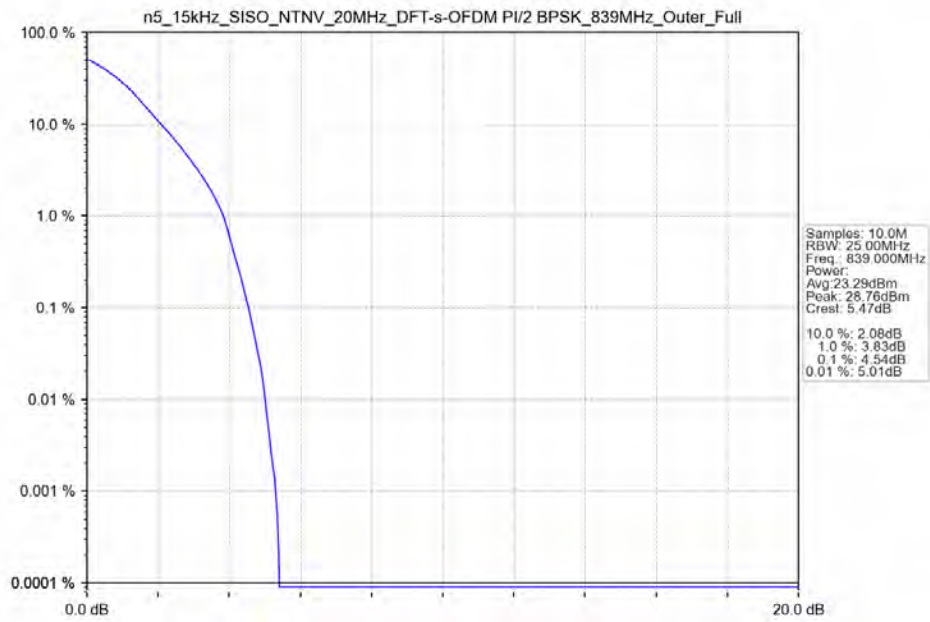
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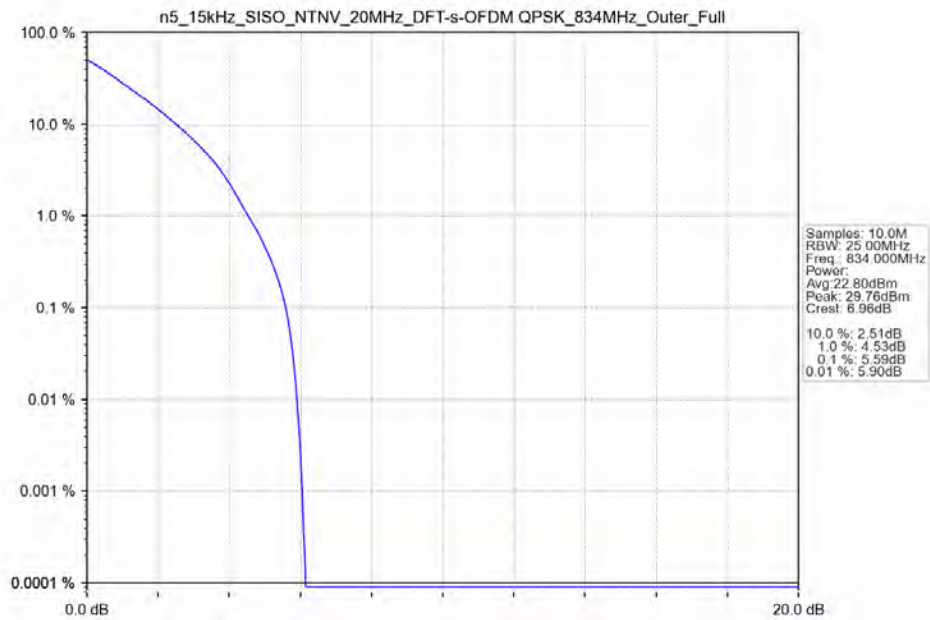
4.2.4 15k_SISO_20MHz_NTNV



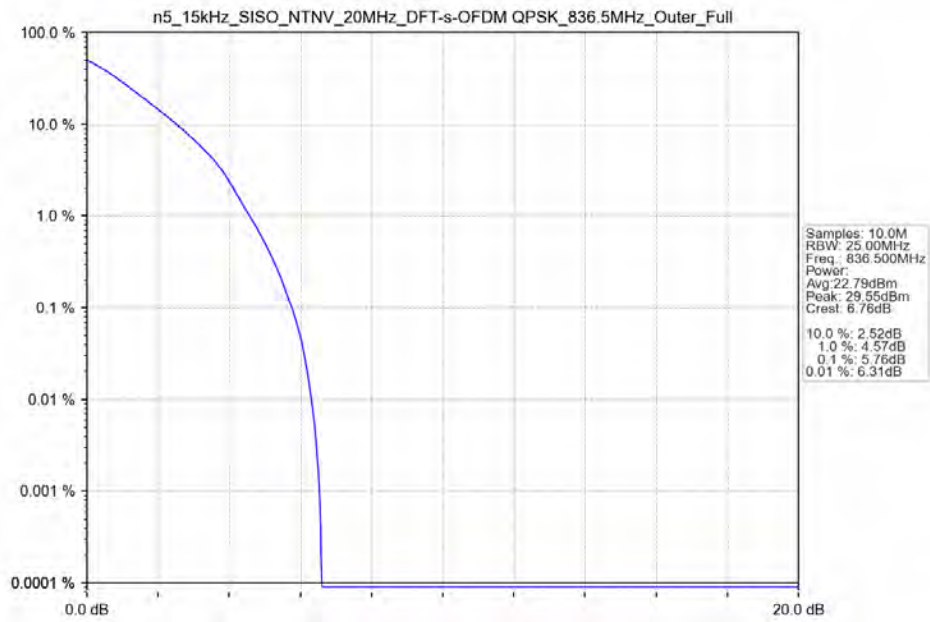
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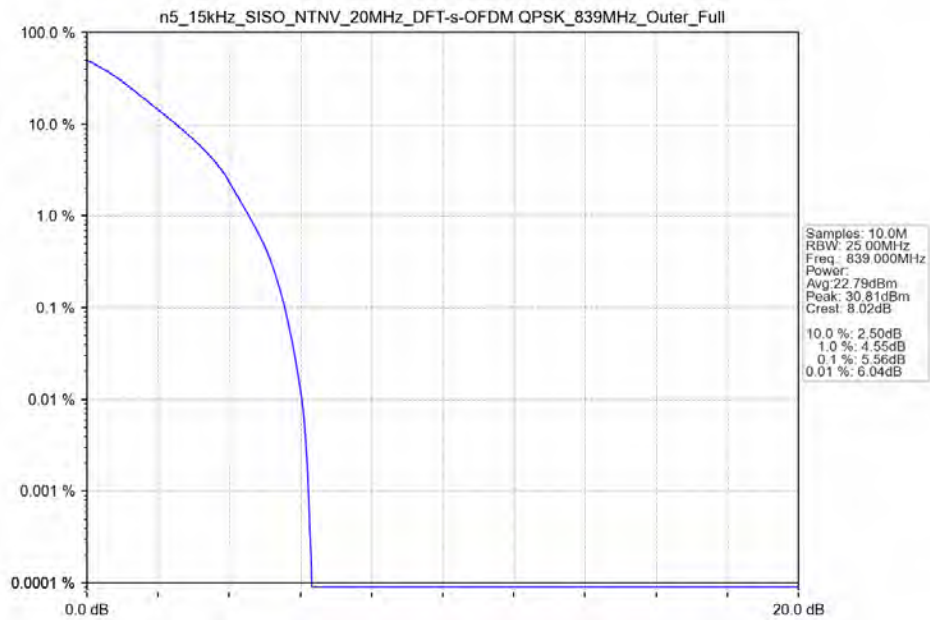
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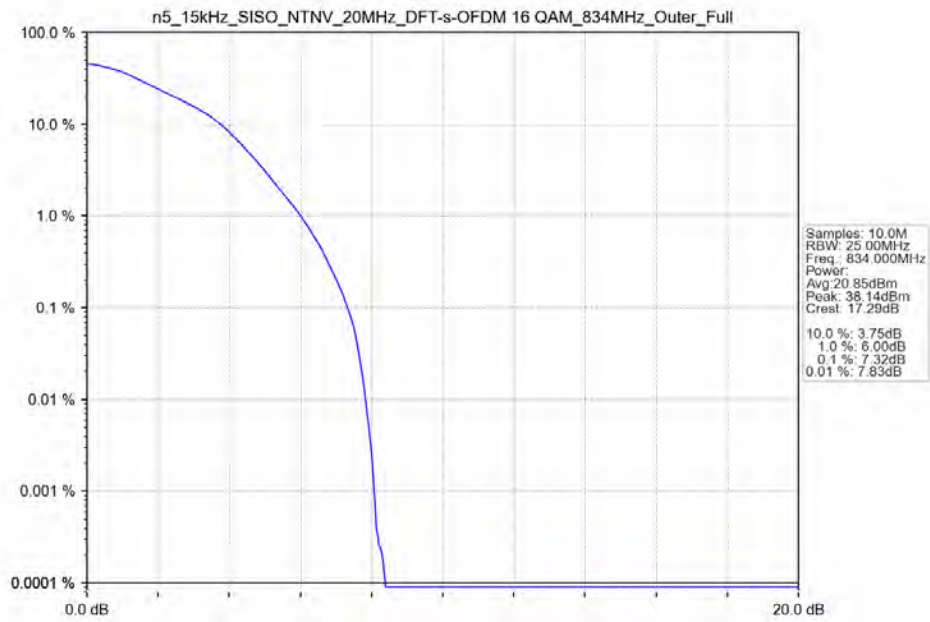
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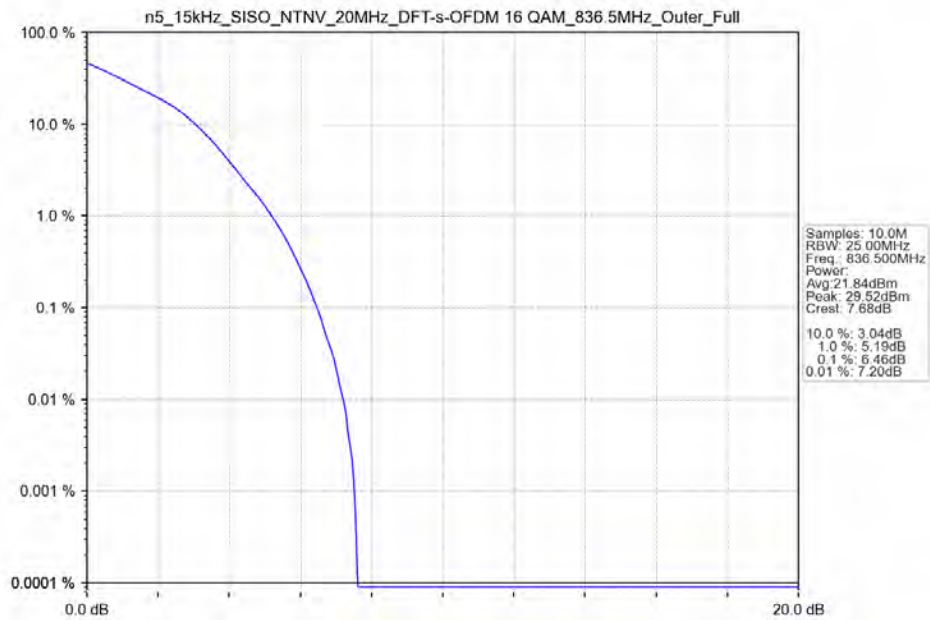
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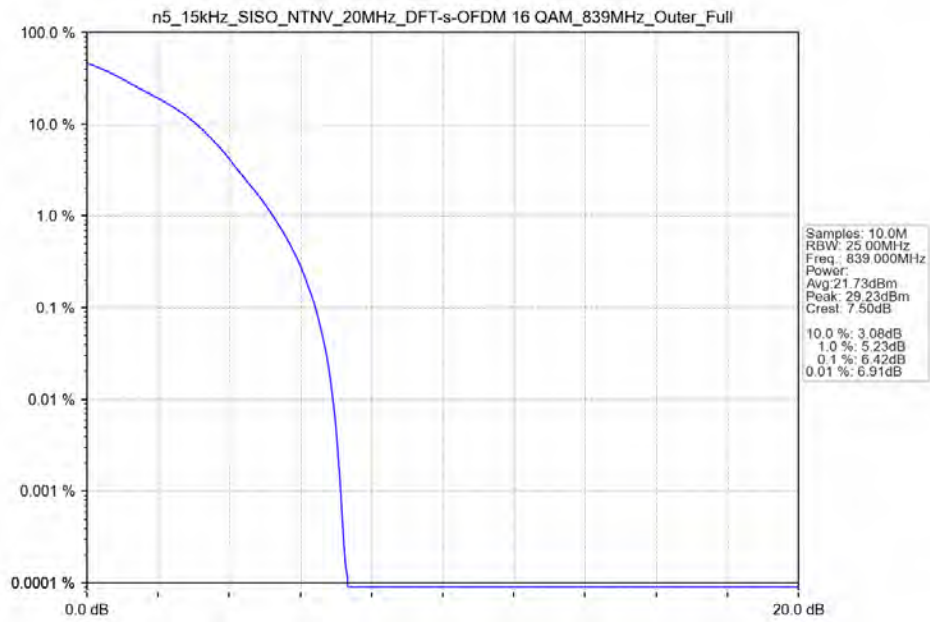
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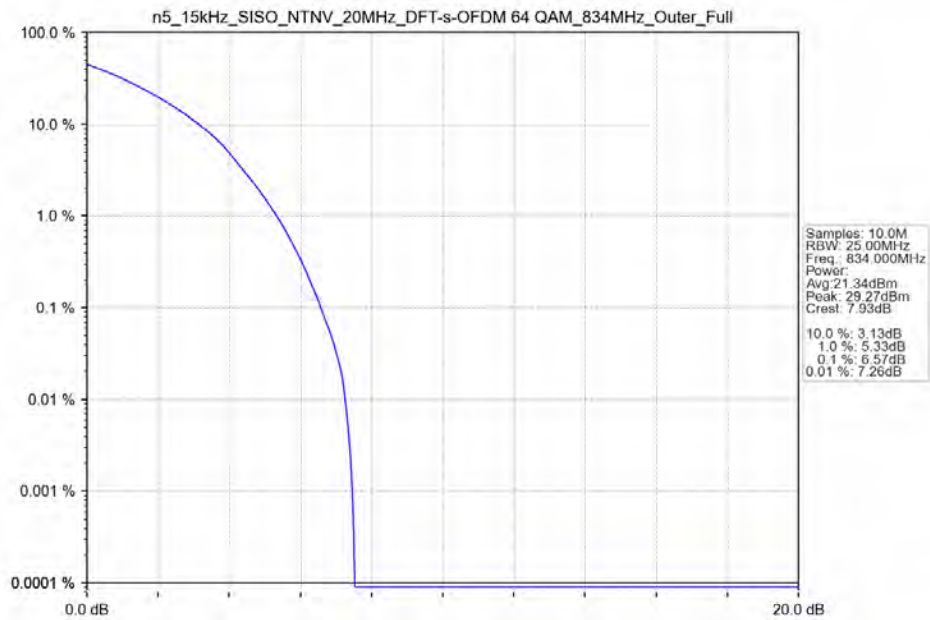
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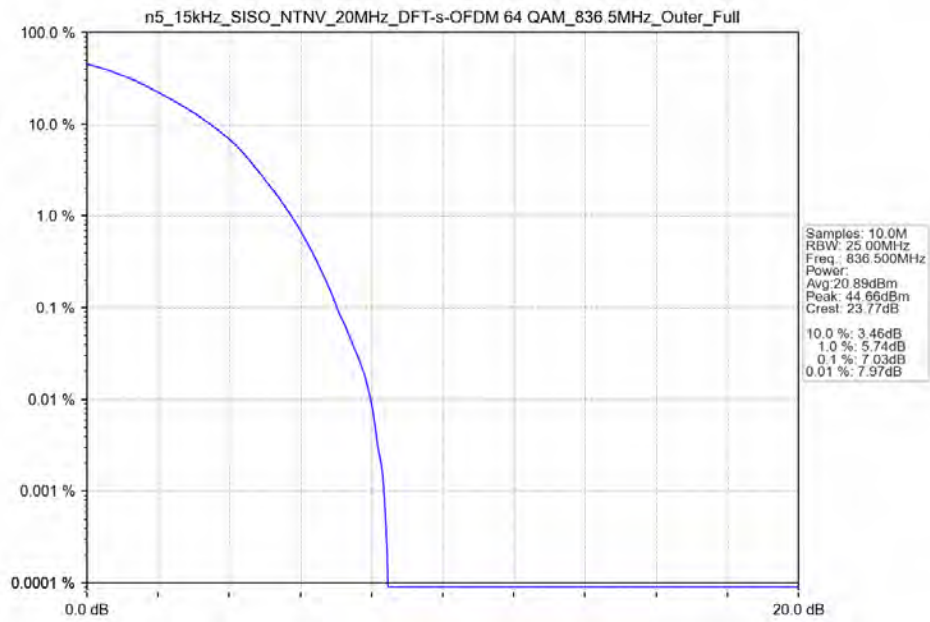
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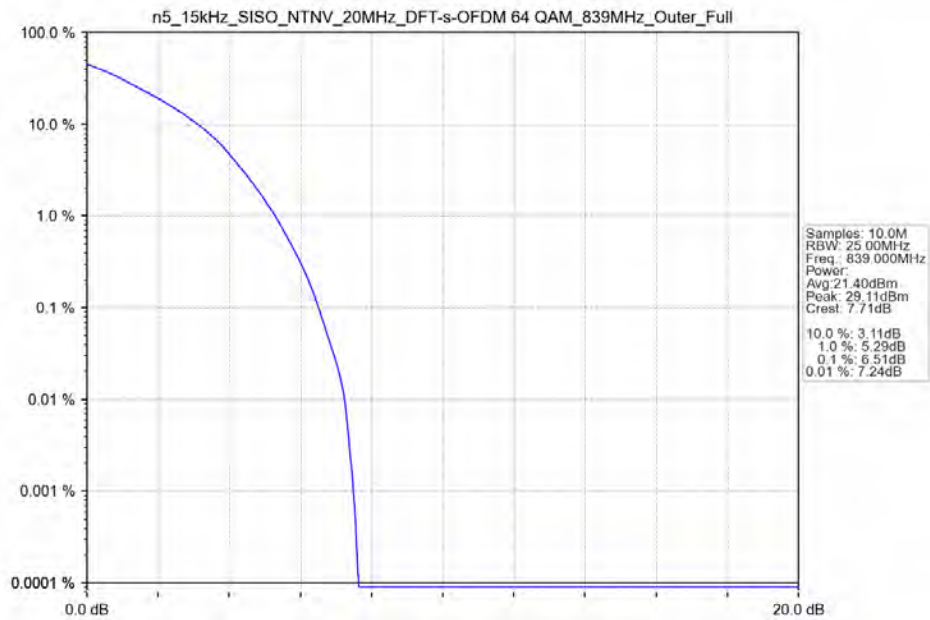
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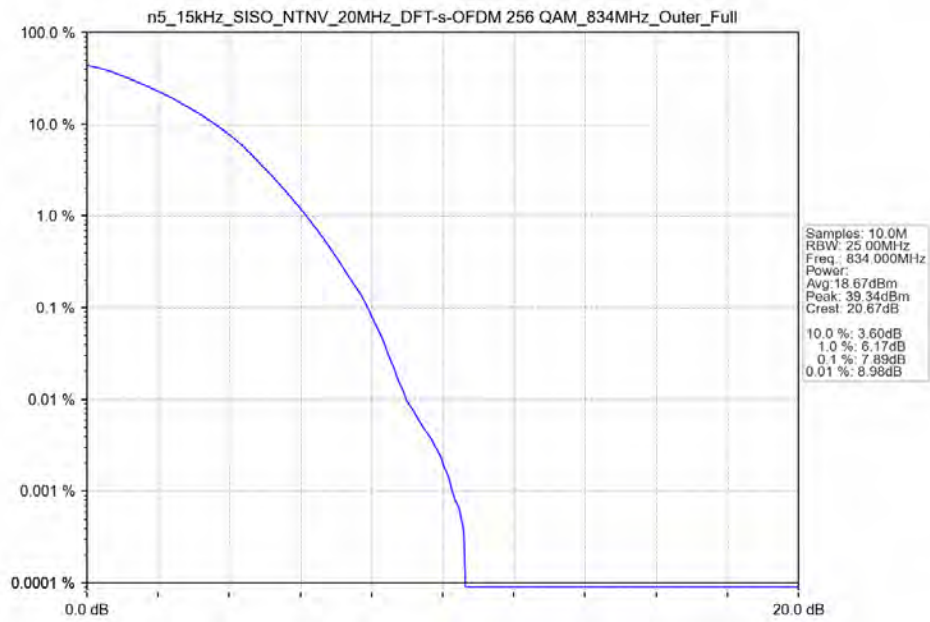
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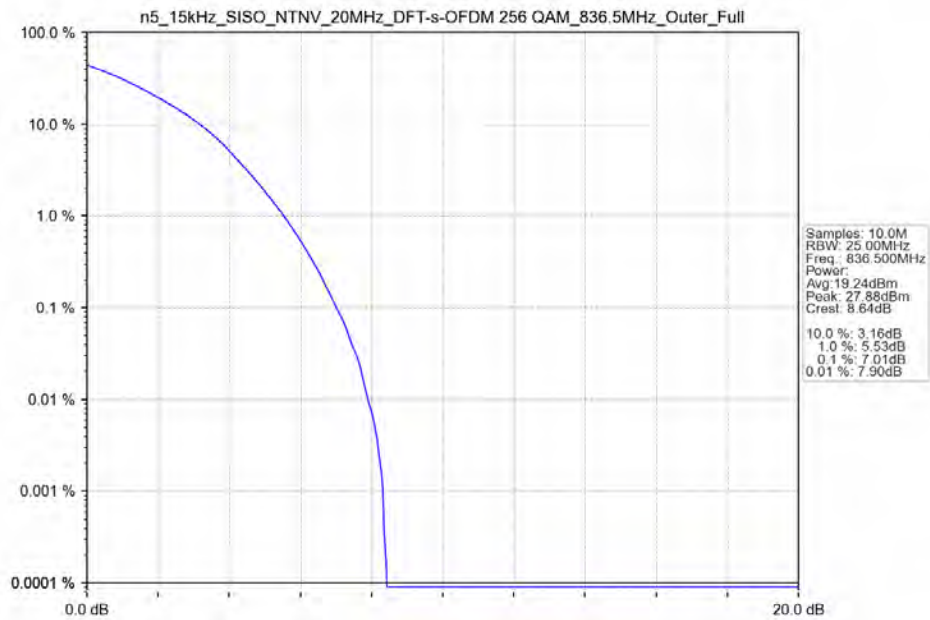
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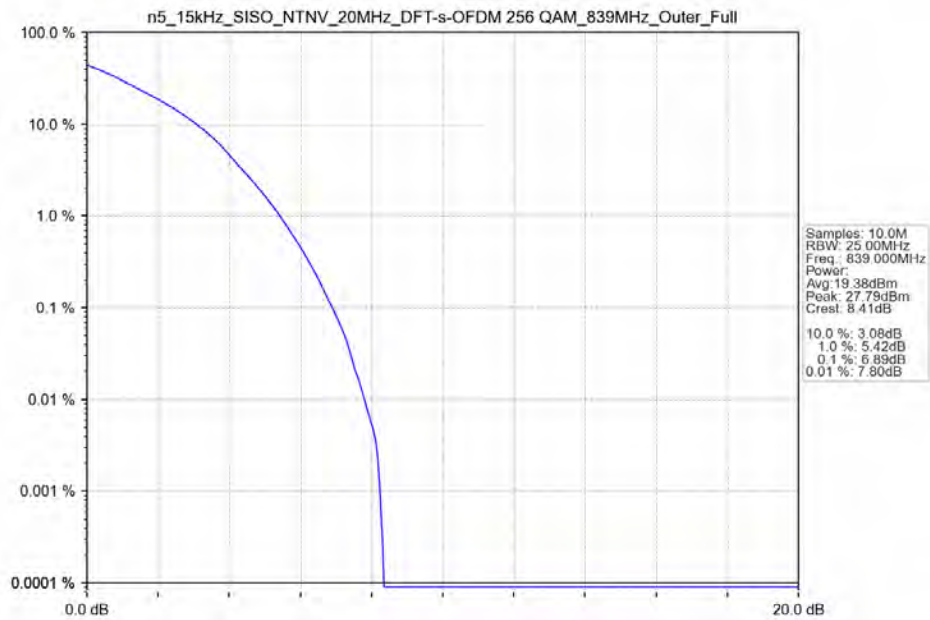
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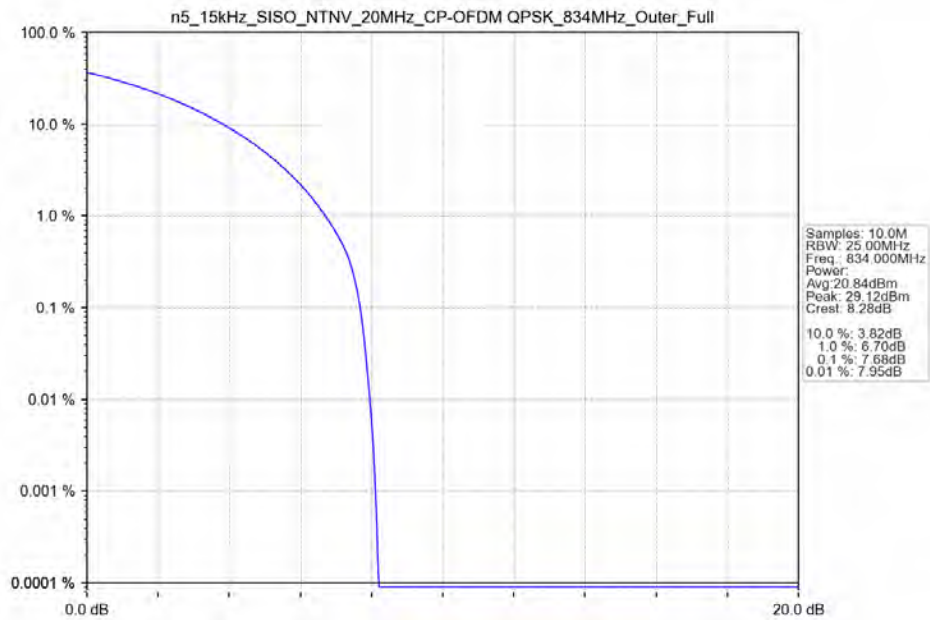
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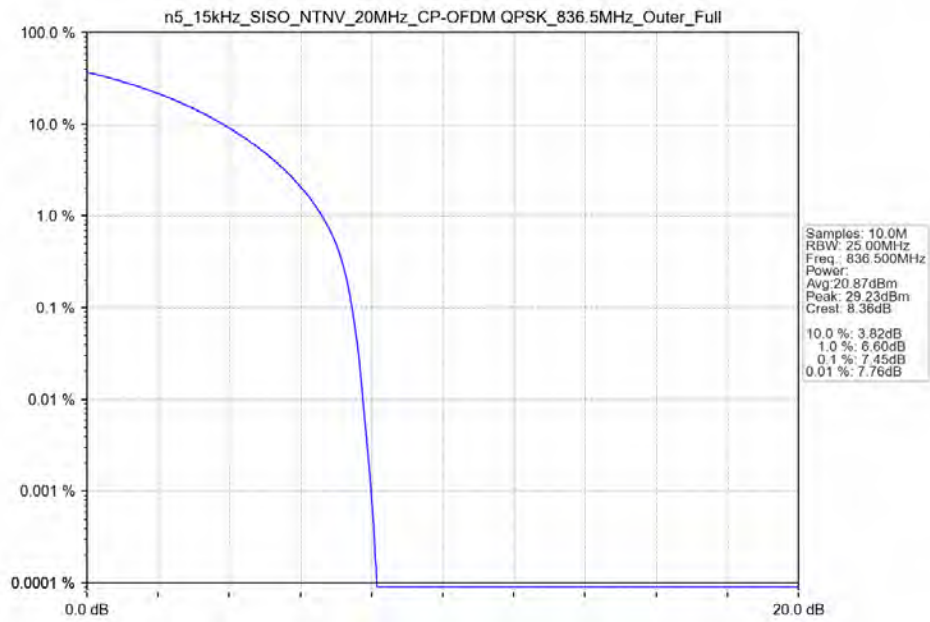
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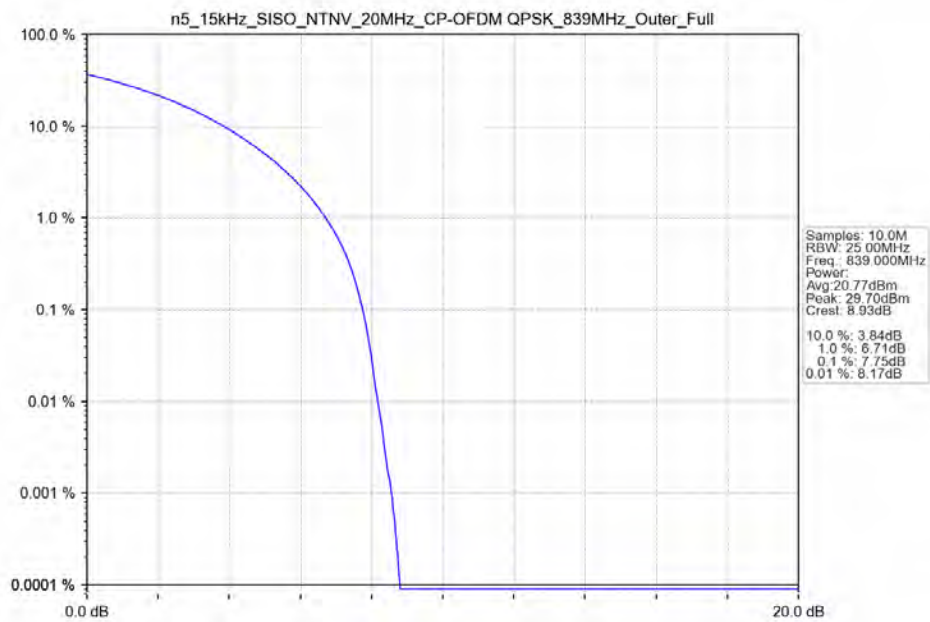
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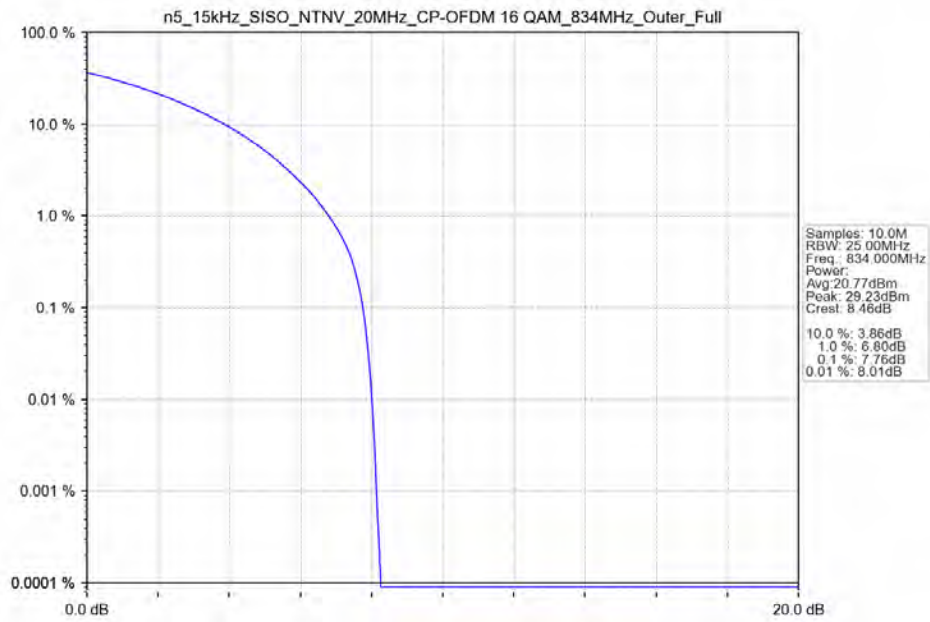
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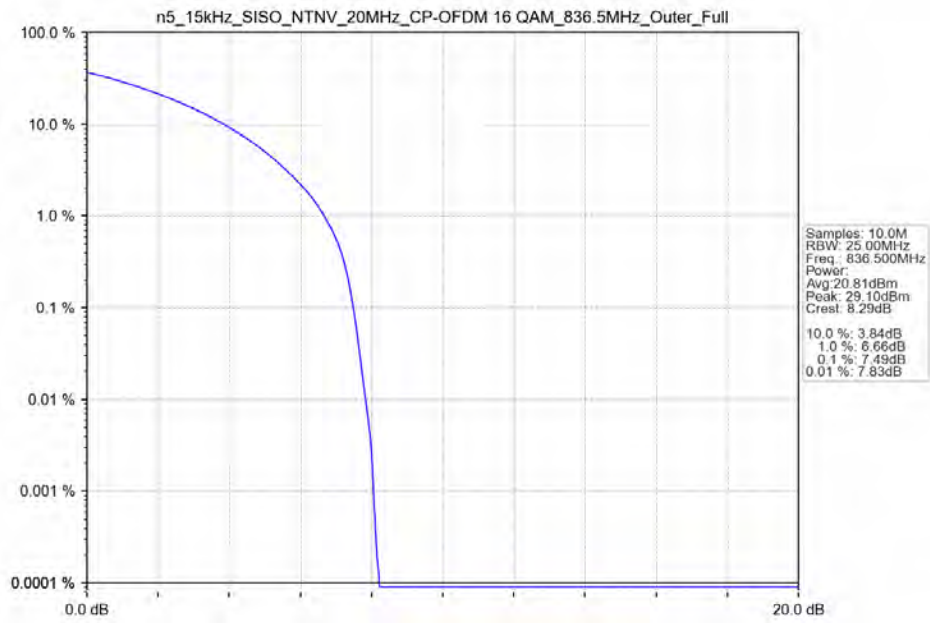
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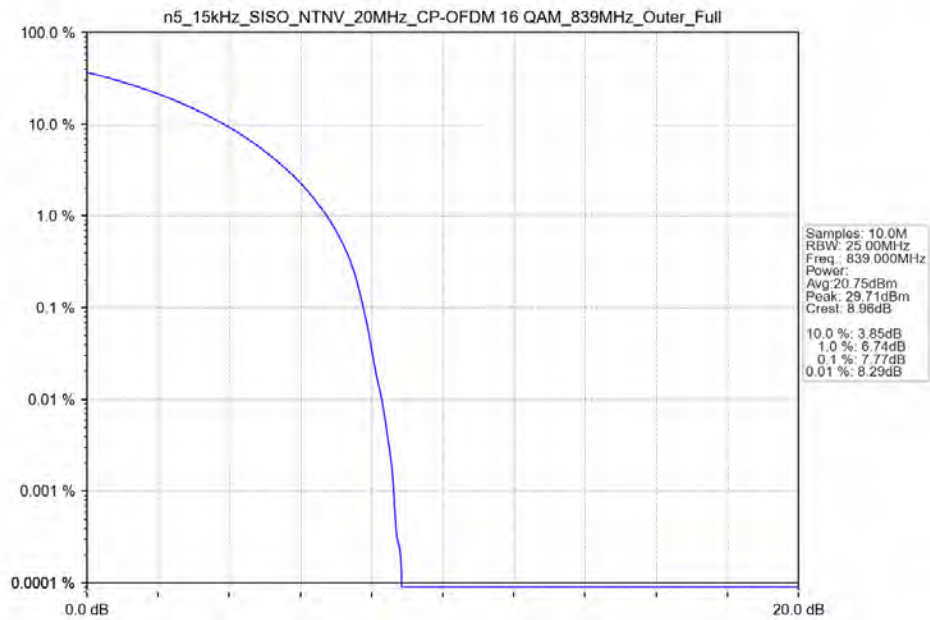
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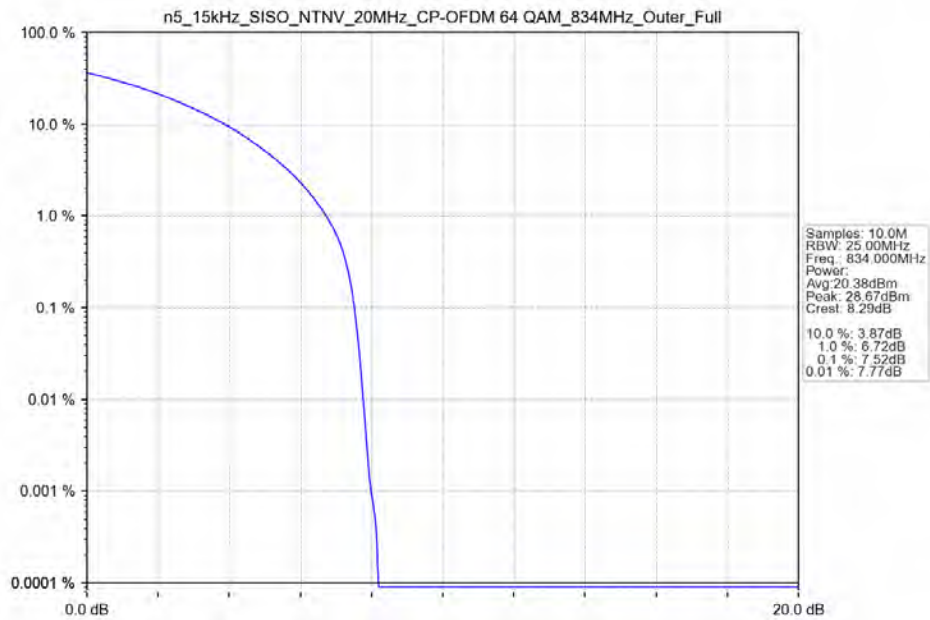
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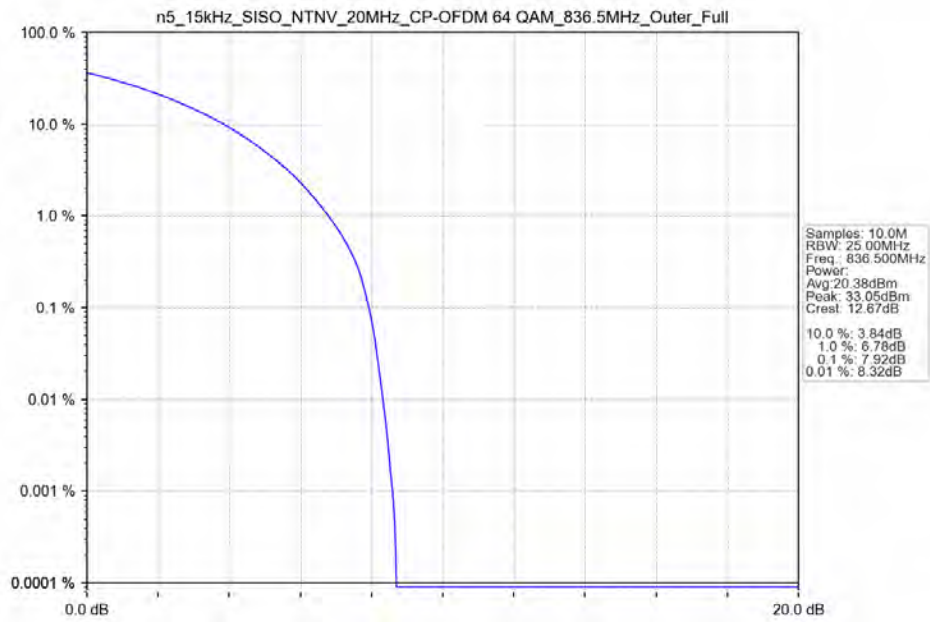
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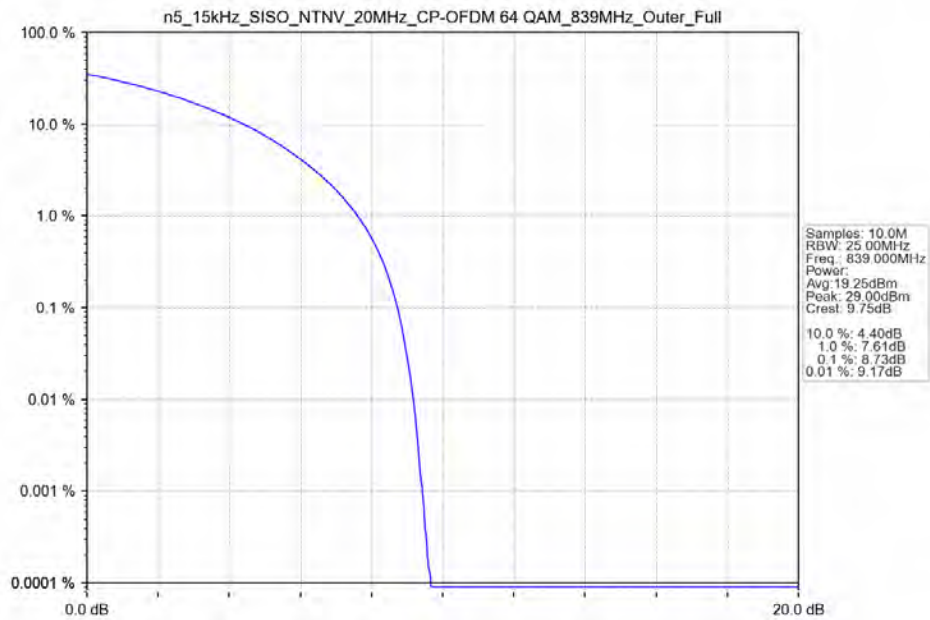
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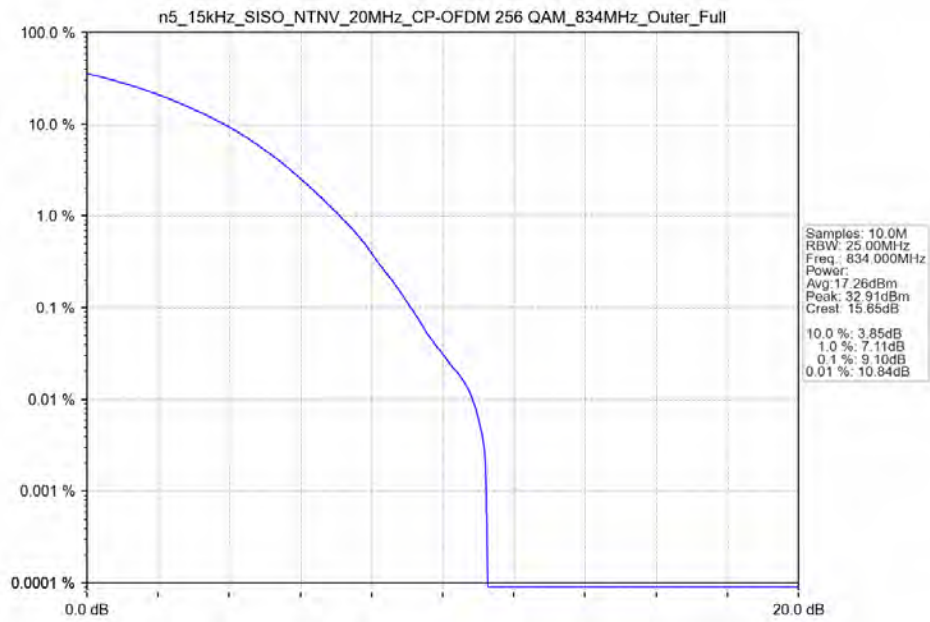
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_836.5MHz_Outer_Full



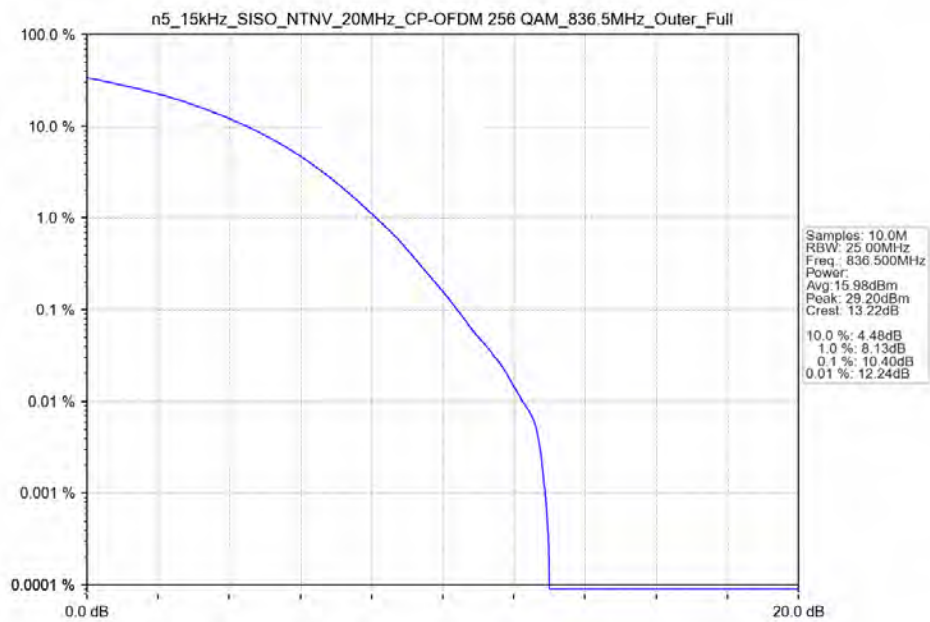
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_839MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 834MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 836.5MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 839MHz_Outer_Full

