

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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	24.91	/	/	18.66	/	/	<=38.45	Pass
		Edge_1RB_Right	24.79	/	/	18.54	/	/	<=38.45	Pass
		Outer_Full	24.91	/	/	18.66	/	/	<=38.45	Pass
		Inner_Full	25.50	/	/	19.25	/	/	<=38.45	Pass
		Inner_1RB_Left	25.40	/	/	19.15	/	/	<=38.45	Pass
		Inner_1RB_Right	25.26	/	/	19.01	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.58	/	/	18.33	/	/	<=38.45	Pass
		Edge_1RB_Right	24.56	/	/	18.31	/	/	<=38.45	Pass
		Outer_Full	24.58	/	/	18.33	/	/	<=38.45	Pass
		Inner_Full	25.19	/	/	18.94	/	/	<=38.45	Pass
		Inner_1RB_Left	25.12	/	/	18.87	/	/	<=38.45	Pass
		Inner_1RB_Right	25.05	/	/	18.80	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.89	/	/	18.64	/	/	<=38.45	Pass
		Edge_1RB_Right	25.05	/	/	18.80	/	/	<=38.45	Pass
		Outer_Full	24.89	/	/	18.64	/	/	<=38.45	Pass
		Inner_Full	25.55	/	/	19.30	/	/	<=38.45	Pass
		Inner_1RB_Left	25.39	/	/	19.14	/	/	<=38.45	Pass
		Inner_1RB_Right	25.42	/	/	19.17	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	24.40	/	/	18.15	/	/	<=38.45	Pass
		Edge_1RB_Right	24.36	/	/	18.11	/	/	<=38.45	Pass
		Outer_Full	24.46	/	/	18.21	/	/	<=38.45	Pass
		Inner_Full	25.53	/	/	19.28	/	/	<=38.45	Pass
		Inner_1RB_Left	25.47	/	/	19.22	/	/	<=38.45	Pass
		Inner_1RB_Right	25.30	/	/	19.05	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.02	/	/	17.77	/	/	<=38.45	Pass
		Edge_1RB_Right	24.12	/	/	17.87	/	/	<=38.45	Pass
		Outer_Full	24.07	/	/	17.82	/	/	<=38.45	Pass
		Inner_Full	25.20	/	/	18.95	/	/	<=38.45	Pass
		Inner_1RB_Left	25.10	/	/	18.85	/	/	<=38.45	Pass
		Inner_1RB_Right	25.04	/	/	18.79	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	24.37	/	/	18.12	/	/	<=38.45	Pass
		Edge_1RB_Right	24.40	/	/	18.15	/	/	<=38.45	Pass
		Outer_Full	24.48	/	/	18.23	/	/	<=38.45	Pass
		Inner_Full	25.41	/	/	19.16	/	/	<=38.45	Pass
		Inner_1RB_Left	25.42	/	/	19.17	/	/	<=38.45	Pass
		Inner_1RB_Right	25.43	/	/	19.18	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	23.30	/	/	17.05	/	/	<=38.45	Pass
		Edge_1RB_Right	23.18	/	/	16.93	/	/	<=38.45	Pass
		Outer_Full	23.41	/	/	17.16	/	/	<=38.45	Pass
		Inner_Full	24.41	/	/	18.16	/	/	<=38.45	Pass
		Inner_1RB_Left	24.30	/	/	18.05	/	/	<=38.45	Pass
		Inner_1RB_Right	24.23	/	/	17.98	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.98	/	/	16.73	/	/	<=38.45	Pass
		Edge_1RB_Right	22.89	/	/	16.64	/	/	<=38.45	Pass
		Outer_Full	23.07	/	/	16.82	/	/	<=38.45	Pass
		Inner_Full	24.08	/	/	17.83	/	/	<=38.45	Pass
		Inner_1RB_Left	23.91	/	/	17.66	/	/	<=38.45	Pass
		Inner_1RB_Right	23.95	/	/	17.70	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.29	/	/	17.04	/	/	<=38.45	Pass

		Edge 1RB Right	23.34	/	/	17.09	/	/	<=38.45	Pass
		Outer Full	23.30	/	/	17.05	/	/	<=38.45	Pass
		Inner Full	24.19	/	/	17.94	/	/	<=38.45	Pass
		Inner_1RB_Left	24.22	/	/	17.97	/	/	<=38.45	Pass
		Inner 1RB Right	24.12	/	/	17.87	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	22.94	/	/	16.69	/	/	<=38.45	Pass
		Edge_1RB_Right	22.90	/	/	16.65	/	/	<=38.45	Pass
		Outer_Full	22.84	/	/	16.59	/	/	<=38.45	Pass
		Inner_Full	22.80	/	/	16.55	/	/	<=38.45	Pass
		Inner_1RB_Left	22.94	/	/	16.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.93	/	/	16.68	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.59	/	/	16.34	/	/	<=38.45	Pass
		Edge_1RB_Right	22.58	/	/	16.33	/	/	<=38.45	Pass
		Outer_Full	22.49	/	/	16.24	/	/	<=38.45	Pass
		Inner_Full	22.59	/	/	16.34	/	/	<=38.45	Pass
		Inner_1RB_Left	22.65	/	/	16.40	/	/	<=38.45	Pass
		Inner_1RB_Right	22.64	/	/	16.39	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.71	/	/	16.46	/	/	<=38.45	Pass
		Edge_1RB_Right	22.75	/	/	16.50	/	/	<=38.45	Pass
		Outer_Full	22.62	/	/	16.37	/	/	<=38.45	Pass
		Inner_Full	22.72	/	/	16.47	/	/	<=38.45	Pass
		Inner_1RB_Left	22.83	/	/	16.58	/	/	<=38.45	Pass
		Inner_1RB_Right	22.82	/	/	16.57	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	20.34	/	/	14.09	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	13.97	/	/	<=38.45	Pass
		Outer_Full	20.83	/	/	14.58	/	/	<=38.45	Pass
		Inner_Full	20.90	/	/	14.65	/	/	<=38.45	Pass
		Inner_1RB_Left	20.35	/	/	14.10	/	/	<=38.45	Pass
		Inner_1RB_Right	20.25	/	/	14.00	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.99	/	/	13.74	/	/	<=38.45	Pass
		Edge_1RB_Right	20.04	/	/	13.79	/	/	<=38.45	Pass
		Outer_Full	20.55	/	/	14.30	/	/	<=38.45	Pass
		Inner_Full	20.66	/	/	14.41	/	/	<=38.45	Pass
		Inner_1RB_Left	20.02	/	/	13.77	/	/	<=38.45	Pass
		Inner_1RB_Right	20.16	/	/	13.91	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.26	/	/	14.01	/	/	<=38.45	Pass
		Edge_1RB_Right	20.35	/	/	14.10	/	/	<=38.45	Pass
		Outer_Full	20.90	/	/	14.65	/	/	<=38.45	Pass
		Inner_Full	20.96	/	/	14.71	/	/	<=38.45	Pass
		Inner_1RB_Left	20.27	/	/	14.02	/	/	<=38.45	Pass
		Inner_1RB_Right	20.33	/	/	14.08	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	22.55	/	/	16.30	/	/	<=38.45	Pass
		Edge_1RB_Right	22.38	/	/	16.13	/	/	<=38.45	Pass
		Outer_Full	22.53	/	/	16.28	/	/	<=38.45	Pass
		Inner_Full	24.02	/	/	17.77	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Right	24.14	/	/	17.89	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.32	/	/	16.07	/	/	<=38.45	Pass
		Edge_1RB_Right	22.29	/	/	16.04	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	16.10	/	/	<=38.45	Pass
		Inner_Full	23.83	/	/	17.58	/	/	<=38.45	Pass
		Inner_1RB_Left	23.94	/	/	17.69	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	17.73	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.49	/	/	16.24	/	/	<=38.45	Pass
		Edge_1RB_Right	22.52	/	/	16.27	/	/	<=38.45	Pass
		Outer_Full	22.55	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	17.74	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Right	24.21	/	/	17.96	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	22.45	/	/	16.20	/	/	<=38.45	Pass
		Edge_1RB_Right	22.21	/	/	15.96	/	/	<=38.45	Pass
		Outer_Full	22.54	/	/	16.29	/	/	<=38.45	Pass
		Inner_Full	23.26	/	/	17.01	/	/	<=38.45	Pass
		Inner_1RB_Left	23.53	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Right	23.40	/	/	17.15	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.21	/	/	15.96	/	/	<=38.45	Pass
		Edge_1RB_Right	22.14	/	/	15.89	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	16.10	/	/	<=38.45	Pass
		Inner_Full	23.13	/	/	16.88	/	/	<=38.45	Pass
		Inner_1RB_Left	23.32	/	/	17.07	/	/	<=38.45	Pass
		Inner_1RB_Right	23.28	/	/	17.03	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.41	/	/	16.16	/	/	<=38.45	Pass
		Edge_1RB_Right	22.35	/	/	16.10	/	/	<=38.45	Pass
		Outer_Full	22.56	/	/	16.31	/	/	<=38.45	Pass
		Inner_Full	23.34	/	/	17.09	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	23.44	/	/	17.19	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	22.08	/	/	15.83	/	/	<=38.45	Pass
		Edge_1RB_Right	21.89	/	/	15.64	/	/	<=38.45	Pass
		Outer_Full	21.98	/	/	15.73	/	/	<=38.45	Pass
		Inner_Full	21.96	/	/	15.71	/	/	<=38.45	Pass
		Inner_1RB_Left	22.17	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	15.77	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.82	/	/	15.57	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	15.53	/	/	<=38.45	Pass
		Outer_Full	21.78	/	/	15.53	/	/	<=38.45	Pass
		Inner_Full	21.83	/	/	15.58	/	/	<=38.45	Pass
		Inner_1RB_Left	21.99	/	/	15.74	/	/	<=38.45	Pass
		Inner_1RB_Right	21.92	/	/	15.67	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.99	/	/	15.74	/	/	<=38.45	Pass
		Edge_1RB_Right	22.02	/	/	15.77	/	/	<=38.45	Pass
		Outer_Full	21.89	/	/	15.64	/	/	<=38.45	Pass
		Inner_Full	22.04	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.17	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Right	22.11	/	/	15.86	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	18.59	/	/	12.34	/	/	<=38.45	Pass
		Edge_1RB_Right	18.41	/	/	12.16	/	/	<=38.45	Pass
		Outer_Full	18.92	/	/	12.67	/	/	<=38.45	Pass
		Inner_Full	18.83	/	/	12.58	/	/	<=38.45	Pass
		Inner_1RB_Left	18.56	/	/	12.31	/	/	<=38.45	Pass
		Inner_1RB_Right	18.24	/	/	11.99	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.33	/	/	12.08	/	/	<=38.45	Pass
		Edge_1RB_Right	18.35	/	/	12.10	/	/	<=38.45	Pass
		Outer_Full	18.81	/	/	12.56	/	/	<=38.45	Pass
		Inner_Full	18.94	/	/	12.69	/	/	<=38.45	Pass
		Inner_1RB_Left	18.31	/	/	12.06	/	/	<=38.45	Pass
		Inner_1RB_Right	18.26	/	/	12.01	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	18.37	/	/	12.12	/	/	<=38.45	Pass
		Edge_1RB_Right	18.59	/	/	12.34	/	/	<=38.45	Pass
		Outer_Full	19.03	/	/	12.78	/	/	<=38.45	Pass
Inner_Full		19.08	/	/	12.83	/	/	<=38.45	Pass	
Inner_1RB_Left		18.49	/	/	12.24	/	/	<=38.45	Pass	
Inner_1RB_Right	18.60	/	/	12.35	/	/	<=38.45	Pass		
Note1: Antenna Gain: Ant0: -4.10dBi; 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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	24.84	/	/	18.59	/	/	<=38.45	Pass
		Edge_1RB_Right	24.69	/	/	18.44	/	/	<=38.45	Pass
		Outer_Full	24.76	/	/	18.51	/	/	<=38.45	Pass
		Inner_Full	25.41	/	/	19.16	/	/	<=38.45	Pass
		Inner_1RB_Left	25.43	/	/	19.18	/	/	<=38.45	Pass
		Inner_1RB_Right	25.29	/	/	19.04	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.73	/	/	18.48	/	/	<=38.45	Pass
		Edge_1RB_Right	24.81	/	/	18.56	/	/	<=38.45	Pass
		Outer_Full	24.73	/	/	18.48	/	/	<=38.45	Pass
		Inner_Full	25.37	/	/	19.12	/	/	<=38.45	Pass
		Inner_1RB_Left	25.36	/	/	19.11	/	/	<=38.45	Pass
		Inner_1RB_Right	25.32	/	/	19.07	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.66	/	/	18.41	/	/	<=38.45	Pass
		Edge_1RB_Right	24.79	/	/	18.54	/	/	<=38.45	Pass
		Outer_Full	24.75	/	/	18.50	/	/	<=38.45	Pass
		Inner_Full	25.39	/	/	19.14	/	/	<=38.45	Pass
		Inner_1RB_Left	25.32	/	/	19.07	/	/	<=38.45	Pass
		Inner_1RB_Right	25.45	/	/	19.20	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Edge_1RB_Left	24.40	/	/	18.15	/	/	<=38.45	Pass
		Edge_1RB_Right	24.27	/	/	18.02	/	/	<=38.45	Pass
		Outer_Full	24.31	/	/	18.06	/	/	<=38.45	Pass
		Inner_Full	25.45	/	/	19.20	/	/	<=38.45	Pass
		Inner_1RB_Left	25.45	/	/	19.20	/	/	<=38.45	Pass
		Inner_1RB_Right	25.32	/	/	19.07	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.30	/	/	18.05	/	/	<=38.45	Pass
		Edge_1RB_Right	24.31	/	/	18.06	/	/	<=38.45	Pass
		Outer_Full	24.34	/	/	18.09	/	/	<=38.45	Pass
		Inner_Full	25.38	/	/	19.13	/	/	<=38.45	Pass
		Inner_1RB_Left	25.40	/	/	19.15	/	/	<=38.45	Pass
		Inner_1RB_Right	25.38	/	/	19.13	/	/	<=38.45	Pass
	844	Edge_1RB_Left	24.20	/	/	17.95	/	/	<=38.45	Pass
		Edge_1RB_Right	24.36	/	/	18.11	/	/	<=38.45	Pass
		Outer_Full	24.27	/	/	18.02	/	/	<=38.45	Pass
		Inner_Full	25.36	/	/	19.11	/	/	<=38.45	Pass
		Inner_1RB_Left	25.27	/	/	19.02	/	/	<=38.45	Pass
		Inner_1RB_Right	25.53	/	/	19.28	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Edge_1RB_Left	23.22	/	/	16.97	/	/	<=38.45	Pass
		Edge_1RB_Right	22.97	/	/	16.72	/	/	<=38.45	Pass
		Outer_Full	23.21	/	/	16.96	/	/	<=38.45	Pass
		Inner_Full	24.27	/	/	18.02	/	/	<=38.45	Pass
		Inner_1RB_Left	24.15	/	/	17.90	/	/	<=38.45	Pass
		Inner_1RB_Right	23.96	/	/	17.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.09	/	/	16.84	/	/	<=38.45	Pass
		Edge_1RB_Right	23.22	/	/	16.97	/	/	<=38.45	Pass
		Outer_Full	23.16	/	/	16.91	/	/	<=38.45	Pass
		Inner_Full	24.16	/	/	17.91	/	/	<=38.45	Pass
		Inner_1RB_Left	24.14	/	/	17.89	/	/	<=38.45	Pass
		Inner_1RB_Right	24.12	/	/	17.87	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.05	/	/	16.80	/	/	<=38.45	Pass
		Edge_1RB_Right	23.33	/	/	17.08	/	/	<=38.45	Pass
		Outer_Full	23.17	/	/	16.92	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	17.94	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.06	/	/	17.81	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	17.90	/	/	<=38.45	Pass
	829	Edge_1RB_Left	22.85	/	/	16.60	/	/	<=38.45	Pass
		Edge_1RB_Right	22.67	/	/	16.42	/	/	<=38.45	Pass
		Outer_Full	22.82	/	/	16.57	/	/	<=38.45	Pass
		Inner_Full	22.79	/	/	16.54	/	/	<=38.45	Pass
		Inner_1RB_Left	22.87	/	/	16.62	/	/	<=38.45	Pass
		Inner_1RB_Right	22.71	/	/	16.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.85	/	/	16.60	/	/	<=38.45	Pass
		Edge_1RB_Right	22.86	/	/	16.61	/	/	<=38.45	Pass
		Outer_Full	22.67	/	/	16.42	/	/	<=38.45	Pass
		Inner_Full	22.68	/	/	16.43	/	/	<=38.45	Pass
		Inner_1RB_Left	22.87	/	/	16.62	/	/	<=38.45	Pass
		Inner_1RB_Right	22.90	/	/	16.65	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.78	/	/	16.53	/	/	<=38.45	Pass
		Edge_1RB_Right	22.98	/	/	16.73	/	/	<=38.45	Pass
		Outer_Full	22.78	/	/	16.53	/	/	<=38.45	Pass
		Inner_Full	22.75	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Left	22.77	/	/	16.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.95	/	/	16.70	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	20.22	/	/	13.97	/	/	<=38.45	Pass
		Edge_1RB_Right	20.12	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	20.83	/	/	14.58	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	14.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.30	/	/	14.05	/	/	<=38.45	Pass
		Inner_1RB_Right	20.11	/	/	13.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.20	/	/	13.95	/	/	<=38.45	Pass
		Edge_1RB_Right	20.16	/	/	13.91	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	14.50	/	/	<=38.45	Pass
		Inner_Full	20.68	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Left	20.09	/	/	13.84	/	/	<=38.45	Pass
		Inner_1RB_Right	20.16	/	/	13.91	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.08	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.22	/	/	13.97	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	14.49	/	/	<=38.45	Pass
		Inner_Full	20.76	/	/	14.51	/	/	<=38.45	Pass
		Inner_1RB_Left	20.14	/	/	13.89	/	/	<=38.45	Pass
		Inner_1RB_Right	20.30	/	/	14.05	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	22.58	/	/	16.33	/	/	<=38.45	Pass
		Edge_1RB_Right	22.29	/	/	16.04	/	/	<=38.45	Pass
		Outer_Full	22.31	/	/	16.06	/	/	<=38.45	Pass
		Inner_Full	23.78	/	/	17.53	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Right	24.06	/	/	17.81	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.30	/	/	16.05	/	/	<=38.45	Pass
		Edge_1RB_Right	22.38	/	/	16.13	/	/	<=38.45	Pass
		Outer_Full	22.30	/	/	16.05	/	/	<=38.45	Pass
		Inner_Full	23.80	/	/	17.55	/	/	<=38.45	Pass
		Inner_1RB_Left	23.99	/	/	17.74	/	/	<=38.45	Pass
		Inner_1RB_Right	24.03	/	/	17.78	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.22	/	/	15.97	/	/	<=38.45	Pass
		Edge_1RB_Right	22.53	/	/	16.28	/	/	<=38.45	Pass
		Outer_Full	22.38	/	/	16.13	/	/	<=38.45	Pass
		Inner_Full	23.85	/	/	17.60	/	/	<=38.45	Pass
		Inner_1RB_Left	23.97	/	/	17.72	/	/	<=38.45	Pass
		Inner_1RB_Right	24.15	/	/	17.90	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	22.37	/	/	16.12	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	15.95	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	16.10	/	/	<=38.45	Pass

		Inner_Full	23.28	/	/	17.03	/	/	<=38.45	Pass
		Inner_1RB_Left	23.54	/	/	17.29	/	/	<=38.45	Pass
		Inner_1RB_Right	23.36	/	/	17.11	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.28	/	/	16.03	/	/	<=38.45	Pass
		Edge_1RB_Right	22.18	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	22.34	/	/	16.09	/	/	<=38.45	Pass
		Inner_Full	23.28	/	/	17.03	/	/	<=38.45	Pass
		Inner_1RB_Left	23.34	/	/	17.09	/	/	<=38.45	Pass
		Inner_1RB_Right	23.30	/	/	17.05	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.08	/	/	15.83	/	/	<=38.45	Pass
		Edge_1RB_Right	22.34	/	/	16.09	/	/	<=38.45	Pass
		Outer_Full	22.37	/	/	16.12	/	/	<=38.45	Pass
		Inner_Full	23.38	/	/	17.13	/	/	<=38.45	Pass
		Inner_1RB_Left	23.20	/	/	16.95	/	/	<=38.45	Pass
		Inner_1RB_Right	23.53	/	/	17.28	/	/	<=38.45	Pass
CP-OFDM 64 QAM	829	Edge_1RB_Left	22.07	/	/	15.82	/	/	<=38.45	Pass
		Edge_1RB_Right	21.78	/	/	15.53	/	/	<=38.45	Pass
		Outer_Full	21.91	/	/	15.66	/	/	<=38.45	Pass
		Inner_Full	21.81	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Left	22.07	/	/	15.82	/	/	<=38.45	Pass
		Inner_1RB_Right	21.90	/	/	15.65	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.74	/	/	15.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.84	/	/	15.59	/	/	<=38.45	Pass
		Outer_Full	21.81	/	/	15.56	/	/	<=38.45	Pass
		Inner_Full	21.85	/	/	15.60	/	/	<=38.45	Pass
		Inner_1RB_Left	21.88	/	/	15.63	/	/	<=38.45	Pass
		Inner_1RB_Right	21.92	/	/	15.67	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.72	/	/	15.47	/	/	<=38.45	Pass
		Edge_1RB_Right	22.00	/	/	15.75	/	/	<=38.45	Pass
		Outer_Full	21.83	/	/	15.58	/	/	<=38.45	Pass
		Inner_Full	21.79	/	/	15.54	/	/	<=38.45	Pass
		Inner_1RB_Left	21.84	/	/	15.59	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	15.90	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	18.32	/	/	12.07	/	/	<=38.45	Pass
		Edge_1RB_Right	18.25	/	/	12.00	/	/	<=38.45	Pass
		Outer_Full	18.81	/	/	12.56	/	/	<=38.45	Pass
		Inner_Full	18.91	/	/	12.66	/	/	<=38.45	Pass
		Inner_1RB_Left	18.35	/	/	12.10	/	/	<=38.45	Pass
		Inner_1RB_Right	18.29	/	/	12.04	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.25	/	/	12.00	/	/	<=38.45	Pass
		Edge_1RB_Right	18.37	/	/	12.12	/	/	<=38.45	Pass
		Outer_Full	18.76	/	/	12.51	/	/	<=38.45	Pass
		Inner_Full	18.87	/	/	12.62	/	/	<=38.45	Pass
		Inner_1RB_Left	18.25	/	/	12.00	/	/	<=38.45	Pass
		Inner_1RB_Right	18.35	/	/	12.10	/	/	<=38.45	Pass
	844	Edge_1RB_Left	18.17	/	/	11.92	/	/	<=38.45	Pass
		Edge_1RB_Right	18.53	/	/	12.28	/	/	<=38.45	Pass
		Outer_Full	18.88	/	/	12.63	/	/	<=38.45	Pass
Inner_Full		18.82	/	/	12.57	/	/	<=38.45	Pass	
Inner_1RB_Left		18.23	/	/	11.98	/	/	<=38.45	Pass	
Inner_1RB_Right	18.46	/	/	12.21	/	/	<=38.45	Pass		
Note1: Antenna Gain: Ant0: -4.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	24.83	/	/	18.58	/	/	<=38.45	Pass
		Edge_1RB_Right	24.62	/	/	18.37	/	/	<=38.45	Pass
		Outer_Full	24.67	/	/	18.42	/	/	<=38.45	Pass
		Inner_Full	25.34	/	/	19.09	/	/	<=38.45	Pass
		Inner_1RB_Left	25.46	/	/	19.21	/	/	<=38.45	Pass
		Inner_1RB_Right	25.25	/	/	19.00	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.79	/	/	18.54	/	/	<=38.45	Pass
		Edge_1RB_Right	24.84	/	/	18.59	/	/	<=38.45	Pass
		Outer_Full	24.71	/	/	18.46	/	/	<=38.45	Pass
		Inner_Full	25.42	/	/	19.17	/	/	<=38.45	Pass
		Inner_1RB_Left	25.33	/	/	19.08	/	/	<=38.45	Pass
		Inner_1RB_Right	25.35	/	/	19.10	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.68	/	/	18.43	/	/	<=38.45	Pass
		Edge_1RB_Right	24.92	/	/	18.67	/	/	<=38.45	Pass
		Outer_Full	24.76	/	/	18.51	/	/	<=38.45	Pass
		Inner_Full	25.44	/	/	19.19	/	/	<=38.45	Pass
		Inner_1RB_Left	25.34	/	/	19.09	/	/	<=38.45	Pass
		Inner_1RB_Right	25.53	/	/	19.28	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	24.39	/	/	18.14	/	/	<=38.45	Pass
		Edge_1RB_Right	24.19	/	/	17.94	/	/	<=38.45	Pass
		Outer_Full	24.18	/	/	17.93	/	/	<=38.45	Pass
		Inner_Full	25.37	/	/	19.12	/	/	<=38.45	Pass
		Inner_1RB_Left	25.54	/	/	19.29	/	/	<=38.45	Pass
		Inner_1RB_Right	25.35	/	/	19.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.31	/	/	18.06	/	/	<=38.45	Pass
		Edge_1RB_Right	24.35	/	/	18.10	/	/	<=38.45	Pass
		Outer_Full	24.16	/	/	17.91	/	/	<=38.45	Pass
		Inner_Full	25.29	/	/	19.04	/	/	<=38.45	Pass
		Inner_1RB_Left	25.35	/	/	19.10	/	/	<=38.45	Pass
		Inner_1RB_Right	25.43	/	/	19.18	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	24.14	/	/	17.89	/	/	<=38.45	Pass
		Edge_1RB_Right	24.53	/	/	18.28	/	/	<=38.45	Pass
		Outer_Full	24.18	/	/	17.93	/	/	<=38.45	Pass
		Inner_Full	25.45	/	/	19.20	/	/	<=38.45	Pass
		Inner_1RB_Left	25.29	/	/	19.04	/	/	<=38.45	Pass
		Inner_1RB_Right	25.45	/	/	19.20	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	23.22	/	/	16.97	/	/	<=38.45	Pass
		Edge_1RB_Right	22.96	/	/	16.71	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	16.93	/	/	<=38.45	Pass
		Inner_Full	24.10	/	/	17.85	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Right	23.97	/	/	17.72	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.17	/	/	16.92	/	/	<=38.45	Pass
		Edge_1RB_Right	23.17	/	/	16.92	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	16.90	/	/	<=38.45	Pass
		Inner_Full	24.04	/	/	17.79	/	/	<=38.45	Pass
		Inner_1RB_Left	24.25	/	/	18.00	/	/	<=38.45	Pass
		Inner_1RB_Right	24.20	/	/	17.95	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.04	/	/	16.79	/	/	<=38.45	Pass
		Edge_1RB_Right	23.25	/	/	17.00	/	/	<=38.45	Pass
		Outer_Full	23.24	/	/	16.99	/	/	<=38.45	Pass
	841.5	Inner_Full	24.08	/	/	17.83	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.02	/	/	17.77	/	/	<=38.45	Pass
		Inner_1RB_Right	24.28	/	/	18.03	/	/	<=38.45	Pass
	831.5	Edge_1RB_Left	22.92	/	/	16.67	/	/	<=38.45	Pass
		Edge_1RB_Right	22.66	/	/	16.41	/	/	<=38.45	Pass
		Outer_Full	22.75	/	/	16.50	/	/	<=38.45	Pass
		Inner_Full	22.73	/	/	16.48	/	/	<=38.45	Pass
		Inner_1RB_Left	22.94	/	/	16.69	/	/	<=38.45	Pass
		Inner_1RB_Right	22.71	/	/	16.46	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.85	/	/	16.60	/	/	<=38.45	Pass
		Edge_1RB_Right	22.89	/	/	16.64	/	/	<=38.45	Pass
		Outer_Full	22.69	/	/	16.44	/	/	<=38.45	Pass
		Inner_Full	22.61	/	/	16.36	/	/	<=38.45	Pass
		Inner_1RB_Left	22.79	/	/	16.54	/	/	<=38.45	Pass
		Inner_1RB_Right	22.90	/	/	16.65	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.79	/	/	16.54	/	/	<=38.45	Pass
		Edge_1RB_Right	23.07	/	/	16.82	/	/	<=38.45	Pass
		Outer_Full	22.77	/	/	16.52	/	/	<=38.45	Pass
		Inner_Full	22.71	/	/	16.46	/	/	<=38.45	Pass
		Inner_1RB_Left	22.72	/	/	16.47	/	/	<=38.45	Pass
		Inner_1RB_Right	22.99	/	/	16.74	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	20.29	/	/	14.04	/	/	<=38.45	Pass
		Edge_1RB_Right	20.15	/	/	13.90	/	/	<=38.45	Pass
		Outer_Full	20.67	/	/	14.42	/	/	<=38.45	Pass
		Inner_Full	20.56	/	/	14.31	/	/	<=38.45	Pass
		Inner_1RB_Left	20.34	/	/	14.09	/	/	<=38.45	Pass
		Inner_1RB_Right	20.15	/	/	13.90	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.16	/	/	13.91	/	/	<=38.45	Pass
		Edge_1RB_Right	20.21	/	/	13.96	/	/	<=38.45	Pass
		Outer_Full	20.65	/	/	14.40	/	/	<=38.45	Pass
		Inner_Full	20.68	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Left	20.20	/	/	13.95	/	/	<=38.45	Pass
		Inner_1RB_Right	20.28	/	/	14.03	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.08	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.36	/	/	14.11	/	/	<=38.45	Pass
		Outer_Full	20.73	/	/	14.48	/	/	<=38.45	Pass
		Inner_Full	20.68	/	/	14.43	/	/	<=38.45	Pass
		Inner_1RB_Left	20.06	/	/	13.81	/	/	<=38.45	Pass
		Inner_1RB_Right	20.35	/	/	14.10	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	22.42	/	/	16.17	/	/	<=38.45	Pass
		Edge_1RB_Right	22.22	/	/	15.97	/	/	<=38.45	Pass
		Outer_Full	22.18	/	/	15.93	/	/	<=38.45	Pass
		Inner_Full	23.86	/	/	17.61	/	/	<=38.45	Pass
		Inner_1RB_Left	24.13	/	/	17.88	/	/	<=38.45	Pass
		Inner_1RB_Right	23.94	/	/	17.69	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.43	/	/	16.18	/	/	<=38.45	Pass
		Edge_1RB_Right	22.41	/	/	16.16	/	/	<=38.45	Pass
		Outer_Full	22.33	/	/	16.08	/	/	<=38.45	Pass
		Inner_Full	23.94	/	/	17.69	/	/	<=38.45	Pass
		Inner_1RB_Left	24.08	/	/	17.83	/	/	<=38.45	Pass
		Inner_1RB_Right	24.08	/	/	17.83	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.38	/	/	16.13	/	/	<=38.45	Pass
		Edge_1RB_Right	22.51	/	/	16.26	/	/	<=38.45	Pass
		Outer_Full	22.25	/	/	16.00	/	/	<=38.45	Pass
		Inner_Full	23.98	/	/	17.73	/	/	<=38.45	Pass
		Inner_1RB_Left	23.89	/	/	17.64	/	/	<=38.45	Pass
		Inner_1RB_Right	24.05	/	/	17.80	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	22.24	/	/	15.99	/	/	<=38.45	Pass
		Edge_1RB_Right	22.16	/	/	15.91	/	/	<=38.45	Pass
		Outer_Full	22.20	/	/	15.95	/	/	<=38.45	Pass

		Inner_Full	23.35	/	/	17.10	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.34	/	/	17.09	/	/	<=38.45	Pass	
		Inner_1RB_Right	23.28	/	/	17.03	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.28	/	/	16.03	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.21	/	/	15.96	/	/	<=38.45	Pass	
		Outer_Full	22.26	/	/	16.01	/	/	<=38.45	Pass	
		Inner_Full	23.33	/	/	17.08	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.33	/	/	17.08	/	/	<=38.45	Pass	
		Inner_1RB_Right	23.32	/	/	17.07	/	/	<=38.45	Pass	
	841.5	Edge_1RB_Left	22.12	/	/	15.87	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.27	/	/	16.02	/	/	<=38.45	Pass	
		Outer_Full	22.23	/	/	15.98	/	/	<=38.45	Pass	
		Inner_Full	23.37	/	/	17.12	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.20	/	/	16.95	/	/	<=38.45	Pass	
		Inner_1RB_Right	23.45	/	/	17.20	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	22.05	/	/	15.80	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.77	/	/	15.52	/	/	<=38.45	Pass	
		Outer_Full	21.80	/	/	15.55	/	/	<=38.45	Pass	
		Inner_Full	21.69	/	/	15.44	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.93	/	/	15.68	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.70	/	/	15.45	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.00	/	/	15.75	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.94	/	/	15.69	/	/	<=38.45	Pass	
		Outer_Full	21.77	/	/	15.52	/	/	<=38.45	Pass	
		Inner_Full	21.73	/	/	15.48	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.89	/	/	15.64	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.94	/	/	15.69	/	/	<=38.45	Pass	
	841.5	Edge_1RB_Left	21.87	/	/	15.62	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.11	/	/	15.86	/	/	<=38.45	Pass	
		Outer_Full	21.67	/	/	15.42	/	/	<=38.45	Pass	
		Inner_Full	21.71	/	/	15.46	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.77	/	/	15.52	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.89	/	/	15.64	/	/	<=38.45	Pass	
	CP-OFDM 256 QAM	831.5	Edge_1RB_Left	18.36	/	/	12.11	/	/	<=38.45	Pass
			Edge_1RB_Right	18.21	/	/	11.96	/	/	<=38.45	Pass
			Outer_Full	18.75	/	/	12.50	/	/	<=38.45	Pass
			Inner_Full	18.70	/	/	12.45	/	/	<=38.45	Pass
			Inner_1RB_Left	18.45	/	/	12.20	/	/	<=38.45	Pass
			Inner_1RB_Right	18.32	/	/	12.07	/	/	<=38.45	Pass
836.5		Edge_1RB_Left	18.31	/	/	12.06	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.39	/	/	12.14	/	/	<=38.45	Pass	
		Outer_Full	18.78	/	/	12.53	/	/	<=38.45	Pass	
		Inner_Full	18.65	/	/	12.40	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.42	/	/	12.17	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.51	/	/	12.26	/	/	<=38.45	Pass	
841.5		Edge_1RB_Left	18.23	/	/	11.98	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.48	/	/	12.23	/	/	<=38.45	Pass	
		Outer_Full	18.70	/	/	12.45	/	/	<=38.45	Pass	
		Inner_Full	18.65	/	/	12.40	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.21	/	/	11.96	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.60	/	/	12.35	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant0: -4.10dBi; 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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	24.72	/	/	18.47	/	/	<=38.45	Pass
		Edge_1RB_Right	24.69	/	/	18.44	/	/	<=38.45	Pass
		Outer_Full	24.69	/	/	18.44	/	/	<=38.45	Pass
		Inner_Full	25.13	/	/	18.88	/	/	<=38.45	Pass
		Inner_1RB_Left	25.35	/	/	19.10	/	/	<=38.45	Pass
		Inner_1RB_Right	25.20	/	/	18.95	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.76	/	/	18.51	/	/	<=38.45	Pass
		Edge_1RB_Right	24.83	/	/	18.58	/	/	<=38.45	Pass
		Outer_Full	24.81	/	/	18.56	/	/	<=38.45	Pass
		Inner_Full	25.21	/	/	18.96	/	/	<=38.45	Pass
		Inner_1RB_Left	25.31	/	/	19.06	/	/	<=38.45	Pass
		Inner_1RB_Right	25.36	/	/	19.11	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.73	/	/	18.48	/	/	<=38.45	Pass
		Edge_1RB_Right	24.92	/	/	18.67	/	/	<=38.45	Pass
		Outer_Full	24.80	/	/	18.55	/	/	<=38.45	Pass
		Inner_Full	25.24	/	/	18.99	/	/	<=38.45	Pass
		Inner_1RB_Left	25.34	/	/	19.09	/	/	<=38.45	Pass
		Inner_1RB_Right	25.45	/	/	19.20	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	24.24	/	/	17.99	/	/	<=38.45	Pass
		Edge_1RB_Right	24.21	/	/	17.96	/	/	<=38.45	Pass
		Outer_Full	24.22	/	/	17.97	/	/	<=38.45	Pass
		Inner_Full	25.18	/	/	18.93	/	/	<=38.45	Pass
		Inner_1RB_Left	25.41	/	/	19.16	/	/	<=38.45	Pass
		Inner_1RB_Right	25.27	/	/	19.02	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	24.36	/	/	18.11	/	/	<=38.45	Pass
		Edge_1RB_Right	24.28	/	/	18.03	/	/	<=38.45	Pass
		Outer_Full	24.33	/	/	18.08	/	/	<=38.45	Pass
		Inner_Full	25.25	/	/	19.00	/	/	<=38.45	Pass
		Inner_1RB_Left	25.49	/	/	19.24	/	/	<=38.45	Pass
		Inner_1RB_Right	25.43	/	/	19.18	/	/	<=38.45	Pass
	839	Edge_1RB_Left	24.27	/	/	18.02	/	/	<=38.45	Pass
		Edge_1RB_Right	24.45	/	/	18.20	/	/	<=38.45	Pass
		Outer_Full	24.26	/	/	18.01	/	/	<=38.45	Pass
		Inner_Full	25.23	/	/	18.98	/	/	<=38.45	Pass
		Inner_1RB_Left	25.31	/	/	19.06	/	/	<=38.45	Pass
		Inner_1RB_Right	25.40	/	/	19.15	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	23.15	/	/	16.90	/	/	<=38.45	Pass
		Edge_1RB_Right	23.15	/	/	16.90	/	/	<=38.45	Pass
		Outer_Full	23.11	/	/	16.86	/	/	<=38.45	Pass
		Inner_Full	24.01	/	/	17.76	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	17.92	/	/	<=38.45	Pass
		Inner_1RB_Right	24.16	/	/	17.91	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.16	/	/	16.91	/	/	<=38.45	Pass
		Edge_1RB_Right	23.24	/	/	16.99	/	/	<=38.45	Pass
		Outer_Full	23.17	/	/	16.92	/	/	<=38.45	Pass
		Inner_Full	24.07	/	/	17.82	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	17.99	/	/	<=38.45	Pass
		Inner_1RB_Right	24.14	/	/	17.89	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.18	/	/	16.93	/	/	<=38.45	Pass
		Edge_1RB_Right	23.28	/	/	17.03	/	/	<=38.45	Pass
		Outer_Full	23.20	/	/	16.95	/	/	<=38.45	Pass
		Inner_Full	24.08	/	/	17.83	/	/	<=38.45	Pass

DFT-s-OFDM 64 QAM		Inner_1RB_Left	24.12	/	/	17.87	/	/	<=38.45	Pass
		Inner_1RB_Right	24.29	/	/	18.04	/	/	<=38.45	Pass
	834	Edge_1RB_Left	22.81	/	/	16.56	/	/	<=38.45	Pass
		Edge_1RB_Right	22.69	/	/	16.44	/	/	<=38.45	Pass
		Outer_Full	22.69	/	/	16.44	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	16.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.86	/	/	16.61	/	/	<=38.45	Pass
		Inner_1RB_Right	22.83	/	/	16.58	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.94	/	/	16.69	/	/	<=38.45	Pass
		Edge_1RB_Right	22.90	/	/	16.65	/	/	<=38.45	Pass
		Outer_Full	22.75	/	/	16.50	/	/	<=38.45	Pass
		Inner_Full	22.75	/	/	16.50	/	/	<=38.45	Pass
		Inner_1RB_Left	22.95	/	/	16.70	/	/	<=38.45	Pass
		Inner_1RB_Right	22.91	/	/	16.66	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.63	/	/	16.38	/	/	<=38.45	Pass
		Edge_1RB_Right	23.01	/	/	16.76	/	/	<=38.45	Pass
		Outer_Full	22.75	/	/	16.50	/	/	<=38.45	Pass
		Inner_Full	22.53	/	/	16.28	/	/	<=38.45	Pass
		Inner_1RB_Left	22.84	/	/	16.59	/	/	<=38.45	Pass
		Inner_1RB_Right	22.96	/	/	16.71	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	20.19	/	/	13.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.12	/	/	13.87	/	/	<=38.45	Pass
		Outer_Full	20.63	/	/	14.38	/	/	<=38.45	Pass
		Inner_Full	20.63	/	/	14.38	/	/	<=38.45	Pass
		Inner_1RB_Left	20.16	/	/	13.91	/	/	<=38.45	Pass
		Inner_1RB_Right	20.18	/	/	13.93	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.25	/	/	14.00	/	/	<=38.45	Pass
		Edge_1RB_Right	20.26	/	/	14.01	/	/	<=38.45	Pass
		Outer_Full	20.75	/	/	14.50	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	14.48	/	/	<=38.45	Pass
		Inner_1RB_Left	20.23	/	/	13.98	/	/	<=38.45	Pass
		Inner_1RB_Right	20.22	/	/	13.97	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.08	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.36	/	/	14.11	/	/	<=38.45	Pass
		Outer_Full	20.74	/	/	14.49	/	/	<=38.45	Pass
		Inner_Full	20.69	/	/	14.44	/	/	<=38.45	Pass
		Inner_1RB_Left	20.16	/	/	13.91	/	/	<=38.45	Pass
		Inner_1RB_Right	20.21	/	/	13.96	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	22.33	/	/	16.08	/	/	<=38.45	Pass
		Edge_1RB_Right	22.20	/	/	15.95	/	/	<=38.45	Pass
		Outer_Full	22.25	/	/	16.00	/	/	<=38.45	Pass
		Inner_Full	23.62	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	17.70	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	17.73	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.40	/	/	16.15	/	/	<=38.45	Pass
		Edge_1RB_Right	22.46	/	/	16.21	/	/	<=38.45	Pass
		Outer_Full	22.26	/	/	16.01	/	/	<=38.45	Pass
		Inner_Full	23.78	/	/	17.53	/	/	<=38.45	Pass
		Inner_1RB_Left	24.09	/	/	17.84	/	/	<=38.45	Pass
		Inner_1RB_Right	24.19	/	/	17.94	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.33	/	/	16.08	/	/	<=38.45	Pass
		Edge_1RB_Right	22.48	/	/	16.23	/	/	<=38.45	Pass
		Outer_Full	22.31	/	/	16.06	/	/	<=38.45	Pass
		Inner_Full	23.82	/	/	17.57	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	17.70	/	/	<=38.45	Pass
		Inner_1RB_Right	24.16	/	/	17.91	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	22.25	/	/	16.00	/	/	<=38.45	Pass
		Edge_1RB_Right	22.15	/	/	15.90	/	/	<=38.45	Pass
		Outer_Full	22.04	/	/	15.79	/	/	<=38.45	Pass

		Inner_Full	23.16	/	/	16.91	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.36	/	/	17.11	/	/	<=38.45	Pass	
		Inner_1RB_Right	23.29	/	/	17.04	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	22.21	/	/	15.96	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.21	/	/	15.96	/	/	<=38.45	Pass	
		Outer_Full	22.08	/	/	15.83	/	/	<=38.45	Pass	
		Inner_Full	23.24	/	/	16.99	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.37	/	/	17.12	/	/	<=38.45	Pass	
		Inner_1RB_Right	23.41	/	/	17.16	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	22.22	/	/	15.97	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.22	/	/	15.97	/	/	<=38.45	Pass	
		Outer_Full	22.10	/	/	15.85	/	/	<=38.45	Pass	
		Inner_Full	23.18	/	/	16.93	/	/	<=38.45	Pass	
		Inner_1RB_Left	23.25	/	/	17.00	/	/	<=38.45	Pass	
		Inner_1RB_Right	23.45	/	/	17.20	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	834	Edge_1RB_Left	21.96	/	/	15.71	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.72	/	/	15.47	/	/	<=38.45	Pass	
		Outer_Full	21.68	/	/	15.43	/	/	<=38.45	Pass	
		Inner_Full	21.71	/	/	15.46	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.95	/	/	15.70	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.86	/	/	15.61	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.97	/	/	15.72	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.05	/	/	15.80	/	/	<=38.45	Pass	
		Outer_Full	21.73	/	/	15.48	/	/	<=38.45	Pass	
		Inner_Full	21.74	/	/	15.49	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.98	/	/	15.73	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.09	/	/	15.84	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	21.82	/	/	15.57	/	/	<=38.45	Pass	
		Edge_1RB_Right	22.02	/	/	15.77	/	/	<=38.45	Pass	
		Outer_Full	21.70	/	/	15.45	/	/	<=38.45	Pass	
		Inner_Full	21.73	/	/	15.48	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.86	/	/	15.61	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.01	/	/	15.76	/	/	<=38.45	Pass	
	CP-OFDM 256 QAM	834	Edge_1RB_Left	18.32	/	/	12.07	/	/	<=38.45	Pass
			Edge_1RB_Right	18.35	/	/	12.10	/	/	<=38.45	Pass
			Outer_Full	18.66	/	/	12.41	/	/	<=38.45	Pass
			Inner_Full	18.58	/	/	12.33	/	/	<=38.45	Pass
			Inner_1RB_Left	18.27	/	/	12.02	/	/	<=38.45	Pass
			Inner_1RB_Right	18.20	/	/	11.95	/	/	<=38.45	Pass
836.5		Edge_1RB_Left	18.35	/	/	12.10	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.45	/	/	12.20	/	/	<=38.45	Pass	
		Outer_Full	18.76	/	/	12.51	/	/	<=38.45	Pass	
		Inner_Full	18.79	/	/	12.54	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.33	/	/	12.08	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.47	/	/	12.22	/	/	<=38.45	Pass	
839		Edge_1RB_Left	18.20	/	/	11.95	/	/	<=38.45	Pass	
		Edge_1RB_Right	18.42	/	/	12.17	/	/	<=38.45	Pass	
		Outer_Full	18.70	/	/	12.45	/	/	<=38.45	Pass	
		Inner_Full	18.75	/	/	12.50	/	/	<=38.45	Pass	
		Inner_1RB_Left	18.22	/	/	11.97	/	/	<=38.45	Pass	
		Inner_1RB_Right	18.44	/	/	12.19	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant0: -4.10dBi; Note2: EIRP=Conducted Power+Antenna Gain											

2. Frequency Stability

2.1 Test Result

2.1.1 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	-6.40	-0.0077	>=-2.5 & <=2.5	Pass
				HV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			-10	NV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0090	>=-2.5 & <=2.5	Pass
			10	NV	-11.20	-0.0134	>=-2.5 & <=2.5	Pass
			20	NV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0078	>=-2.5 & <=2.5	Pass
			50	NV	-13.40	-0.0160	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-11.00	-0.0132	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0140	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0117	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0110	>=-2.5 & <=2.5	Pass
			-10	NV	-11.70	-0.0140	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0099	>=-2.5 & <=2.5	Pass
			10	NV	-10.80	-0.0129	>=-2.5 & <=2.5	Pass
			20	NV	-11.10	-0.0133	>=-2.5 & <=2.5	Pass
			30	NV	-14.20	-0.0170	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0061	>=-2.5 & <=2.5	Pass
			50	NV	-10.70	-0.0128	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	20	LV	-9.10	-0.0109	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0127	>=-2.5 & <=2.5	Pass
			-30	NV	-10.50	-0.0126	>=-2.5 & <=2.5	Pass
			-20	NV	-8.00	-0.0096	>=-2.5 & <=2.5	Pass
			-10	NV	-12.20	-0.0146	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0092	>=-2.5 & <=2.5	Pass
			10	NV	-11.00	-0.0132	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0122	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			40	NV	-11.40	-0.0136	>=-2.5 & <=2.5	Pass
			50	NV	-10.70	-0.0128	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	20	LV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0124	>=-2.5 & <=2.5	Pass
			-30	NV	-8.80	-0.0105	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
			-10	NV	-12.80	-0.0153	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0115	>=-2.5 & <=2.5	Pass
			10	NV	-8.60	-0.0103	>=-2.5 & <=2.5	Pass
			20	NV	-11.10	-0.0133	>=-2.5 & <=2.5	Pass
			30	NV	-11.10	-0.0133	>=-2.5 & <=2.5	Pass
			40	NV	-12.80	-0.0153	>=-2.5 & <=2.5	Pass
			50	NV	-7.30	-0.0087	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	20	LV	-4.40	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0080	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0012	>=-2.5 & <=2.5	Pass

			-20	NV	-5.90	-0.0071	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-3.20	-0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-9.60	-0.0115	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-1.20	-0.0014	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-7.40	-0.0088	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-5.00	-0.0060	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-6.00	-0.0072	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-4.40	-0.0053	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM QPSK	836.5	Outer_Full	20	LV	-8.20	-0.0098	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-5.50	-0.0066	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-4.70	-0.0056	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-5.50	-0.0066	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-3.00	-0.0036	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-3.70	-0.0044	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-4.50	-0.0054	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-3.90	-0.0047	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-4.50	-0.0054	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-2.10	-0.0025	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-5.10	-0.0061	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	20	LV	-1.30	-0.0016	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-0.70	-0.0008	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-4.80	-0.0057	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-4.50	-0.0054	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-2.60	-0.0031	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-5.40	-0.0065	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-4.10	-0.0049	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-3.50	-0.0042	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-5.90	-0.0071	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-3.40	-0.0041	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-5.70	-0.0068	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	20	LV	-5.90	-0.0071	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-3.10	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-5.30	-0.0063	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-2.40	-0.0029	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-6.00	-0.0072	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-4.30	-0.0051	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-6.30	-0.0075	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-2.50	-0.0030	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-7.50	-0.0090	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-4.60	-0.0055	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-5.90	-0.0071	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	20	LV	-3.60	-0.0043	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-3.20	-0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-4.30	-0.0051	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-3.00	-0.0036	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	2.80	0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-6.40	-0.0077	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-8.10	-0.0097	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-5.00	-0.0060	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-5.10	-0.0061	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-4.90	-0.0059	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-2.50	-0.0030	$>=-2.5 \ \& \ <=2.5$	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	4.57	5.32	/	Pass
	836.5	Outer_Full	4.54	5.26	/	Pass
	846.5	Outer_Full	4.55	5.21	/	Pass
DFT-s-OFDM QPSK	826.5	Outer_Full	4.53	5.21	/	Pass
	836.5	Outer_Full	4.53	5.25	/	Pass
	846.5	Outer_Full	4.52	5.16	/	Pass
DFT-s-OFDM 16 QAM	826.5	Outer_Full	4.60	5.32	/	Pass
	836.5	Outer_Full	4.55	5.23	/	Pass
	846.5	Outer_Full	4.60	5.27	/	Pass
DFT-s-OFDM 64 QAM	826.5	Outer_Full	4.56	5.31	/	Pass
	836.5	Outer_Full	4.54	5.23	/	Pass
	846.5	Outer_Full	4.52	5.17	/	Pass
DFT-s-OFDM 256 QAM	826.5	Outer_Full	4.53	5.24	/	Pass
	836.5	Outer_Full	4.57	5.30	/	Pass
	846.5	Outer_Full	4.53	5.19	/	Pass
CP-OFDM QPSK	826.5	Outer_Full	4.55	5.29	/	Pass
	836.5	Outer_Full	4.55	5.39	/	Pass
	846.5	Outer_Full	4.53	5.28	/	Pass
CP-OFDM 16 QAM	826.5	Outer_Full	4.55	5.26	/	Pass
	836.5	Outer_Full	4.61	5.33	/	Pass
	846.5	Outer_Full	4.56	5.32	/	Pass
CP-OFDM 64 QAM	826.5	Outer_Full	4.56	5.27	/	Pass
	836.5	Outer_Full	4.55	5.34	/	Pass
	846.5	Outer_Full	4.55	5.33	/	Pass
CP-OFDM 256 QAM	826.5	Outer_Full	4.60	5.42	/	Pass
	836.5	Outer_Full	4.57	5.37	/	Pass
	846.5	Outer_Full	4.57	5.38	/	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	9.04	10.02	/	Pass
	836.5	Outer_Full	9.05	10.00	/	Pass
	844	Outer_Full	9.04	10.03	/	Pass
DFT-s-OFDM QPSK	829	Outer_Full	9.08	10.13	/	Pass
	836.5	Outer_Full	9.05	10.04	/	Pass
	844	Outer_Full	9.06	10.00	/	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	9.06	10.04	/	Pass
	836.5	Outer_Full	9.06	10.06	/	Pass
	844	Outer_Full	9.06	10.01	/	Pass
DFT-s-OFDM 64 QAM	829	Outer_Full	9.06	10.08	/	Pass
	836.5	Outer_Full	9.04	10.08	/	Pass
	844	Outer_Full	9.04	9.99	/	Pass

DFT-s-OFDM 256 QAM	829	Outer_Full	9.08	10.13	/	Pass
	836.5	Outer_Full	9.07	10.01	/	Pass
	844	Outer_Full	9.06	9.94	/	Pass
CP-OFDM QPSK	829	Outer_Full	9.39	10.42	/	Pass
	836.5	Outer_Full	9.39	10.46	/	Pass
	844	Outer_Full	9.39	10.44	/	Pass
CP-OFDM 16 QAM	829	Outer_Full	9.41	10.52	/	Pass
	836.5	Outer_Full	9.40	10.50	/	Pass
	844	Outer_Full	9.41	10.47	/	Pass
CP-OFDM 64 QAM	829	Outer_Full	9.38	10.45	/	Pass
	836.5	Outer_Full	9.36	10.27	/	Pass
	844	Outer_Full	9.36	10.37	/	Pass
CP-OFDM 256 QAM	829	Outer_Full	9.43	10.37	/	Pass
	836.5	Outer_Full	9.42	10.47	/	Pass
	844	Outer_Full	9.42	10.43	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

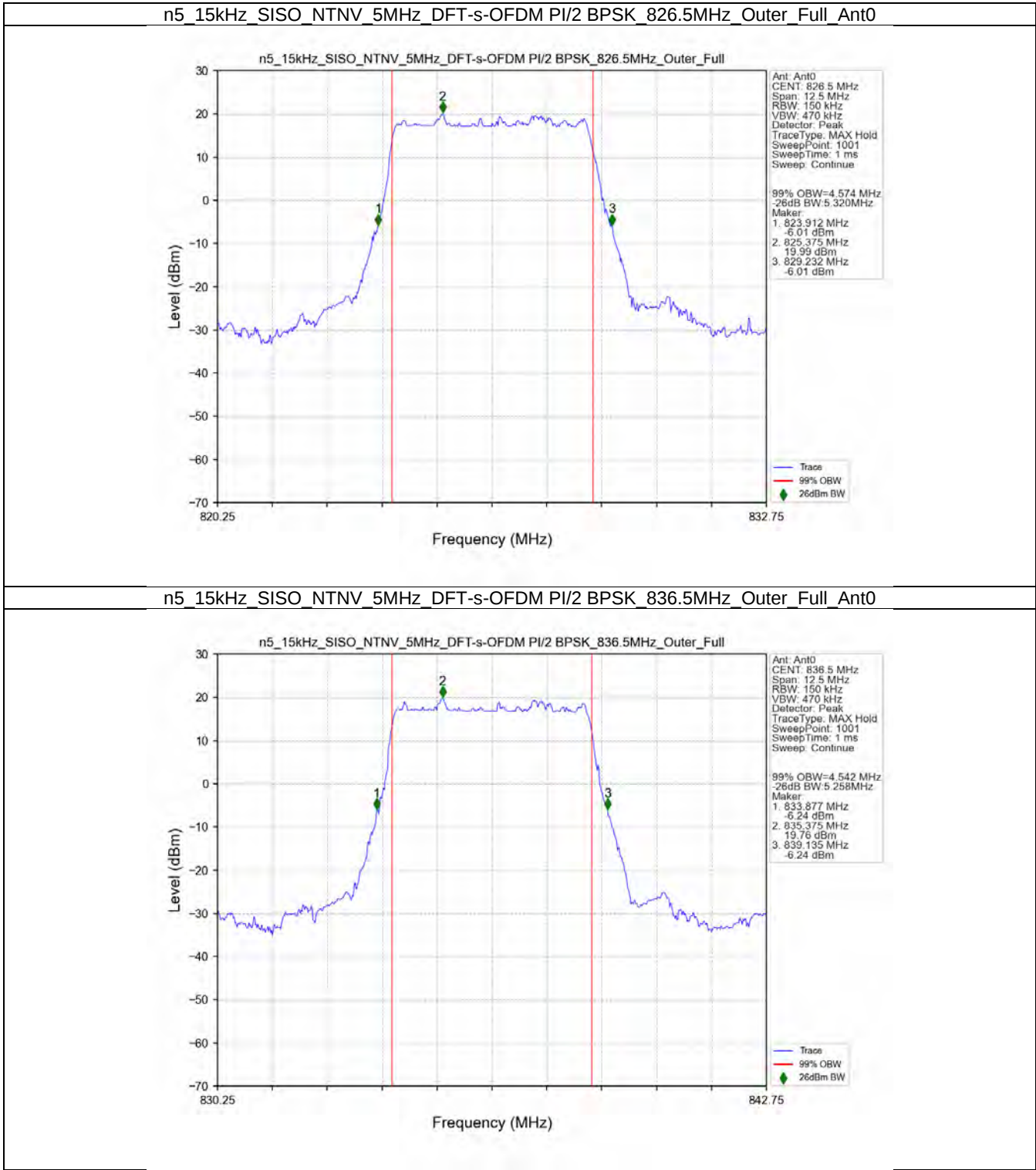
5G NR n5 SCS=15kHz SISO 15MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	831.5	Outer_Full	13.59	14.75	/	Pass
	836.5	Outer_Full	13.57	14.72	/	Pass
	841.5	Outer_Full	13.60	14.84	/	Pass
DFT-s-OFDM QPSK	831.5	Outer_Full	13.60	14.83	/	Pass
	836.5	Outer_Full	13.59	14.79	/	Pass
	841.5	Outer_Full	13.61	14.80	/	Pass
DFT-s-OFDM 16 QAM	831.5	Outer_Full	13.64	14.88	/	Pass
	836.5	Outer_Full	13.63	14.86	/	Pass
	841.5	Outer_Full	13.66	14.87	/	Pass
DFT-s-OFDM 64 QAM	831.5	Outer_Full	13.56	14.83	/	Pass
	836.5	Outer_Full	13.55	14.83	/	Pass
	841.5	Outer_Full	13.58	14.86	/	Pass
DFT-s-OFDM 256 QAM	831.5	Outer_Full	13.62	14.78	/	Pass
	836.5	Outer_Full	13.60	14.75	/	Pass
	841.5	Outer_Full	13.63	14.91	/	Pass
CP-OFDM QPSK	831.5	Outer_Full	14.29	15.48	/	Pass
	836.5	Outer_Full	14.29	15.48	/	Pass
	841.5	Outer_Full	14.29	15.55	/	Pass
CP-OFDM 16 QAM	831.5	Outer_Full	14.29	15.58	/	Pass
	836.5	Outer_Full	14.29	15.61	/	Pass
	841.5	Outer_Full	14.27	15.57	/	Pass
CP-OFDM 64 QAM	831.5	Outer_Full	14.32	15.56	/	Pass
	836.5	Outer_Full	14.31	15.57	/	Pass
	841.5	Outer_Full	14.31	15.63	/	Pass
CP-OFDM 256 QAM	831.5	Outer_Full	14.26	15.60	/	Pass
	836.5	Outer_Full	14.24	15.46	/	Pass
	841.5	Outer_Full	14.28	15.53	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

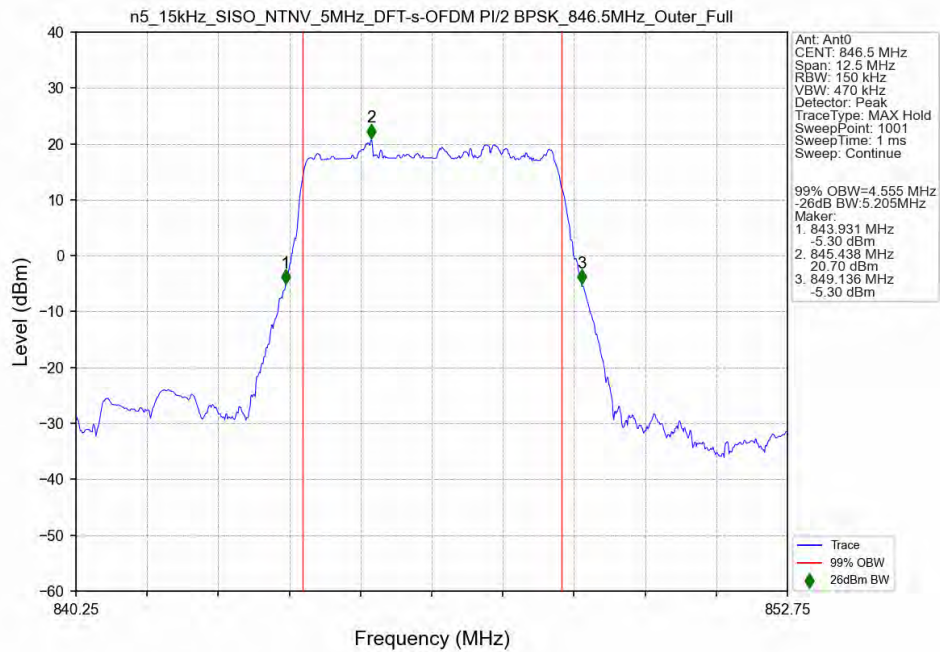
5G NR n5 SCS=15kHz SISO 20MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	18.08	19.48	/	Pass
	836.5	Outer_Full	18.09	19.54	/	Pass
	839	Outer_Full	18.07	19.54	/	Pass
DFT-s-OFDM QPSK	834	Outer_Full	18.05	19.63	/	Pass
	836.5	Outer_Full	18.06	19.61	/	Pass
	839	Outer_Full	18.06	19.61	/	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	18.04	19.53	/	Pass
	836.5	Outer_Full	18.04	19.48	/	Pass
	839	Outer_Full	18.04	19.57	/	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	18.04	19.59	/	Pass
	836.5	Outer_Full	18.06	19.60	/	Pass
	839	Outer_Full	18.06	19.58	/	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	18.07	19.48	/	Pass
	836.5	Outer_Full	18.07	19.43	/	Pass
	839	Outer_Full	18.08	19.46	/	Pass
CP-OFDM QPSK	834	Outer_Full	19.09	20.61	/	Pass
	836.5	Outer_Full	19.11	20.65	/	Pass
	839	Outer_Full	19.07	20.50	/	Pass
CP-OFDM 16 QAM	834	Outer_Full	19.16	20.73	/	Pass
	836.5	Outer_Full	19.19	20.76	/	Pass
	839	Outer_Full	19.14	20.65	/	Pass
CP-OFDM 64 QAM	834	Outer_Full	19.14	20.63	/	Pass
	836.5	Outer_Full	19.13	20.61	/	Pass
	839	Outer_Full	19.14	20.68	/	Pass
CP-OFDM 256 QAM	834	Outer_Full	19.21	20.75	/	Pass
	836.5	Outer_Full	19.16	20.64	/	Pass
	839	Outer_Full	19.19	20.62	/	Pass

3.2 Test Graph

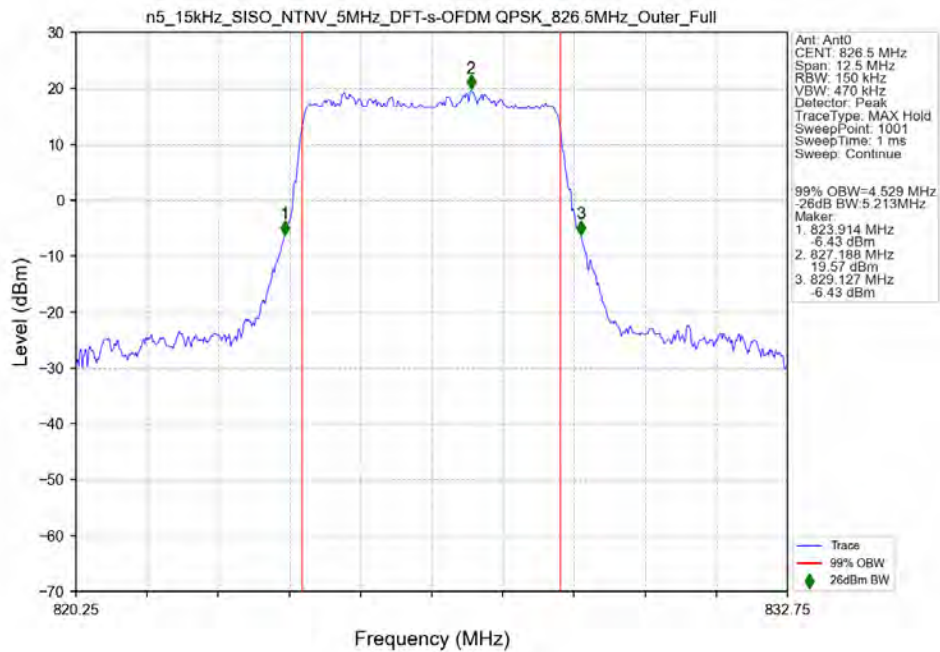
3.2.1 15k_SISO_5MHz_NTNV



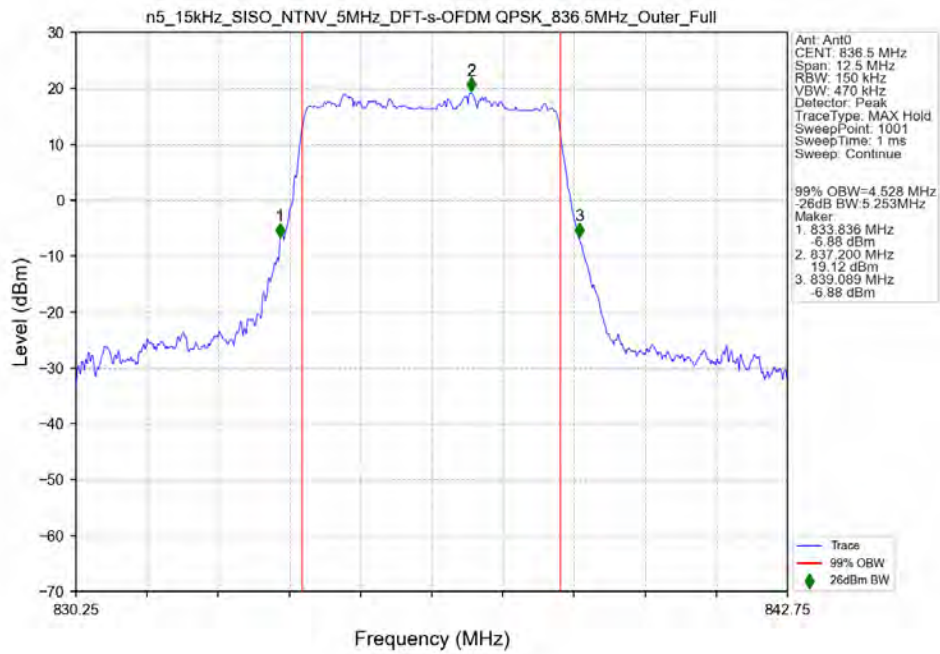
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full_Ant0



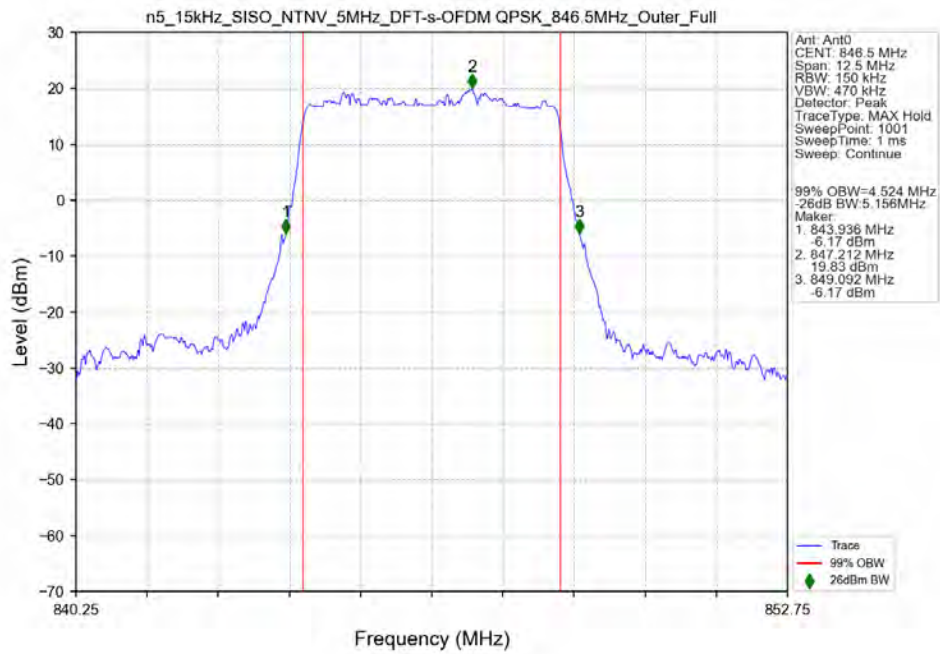
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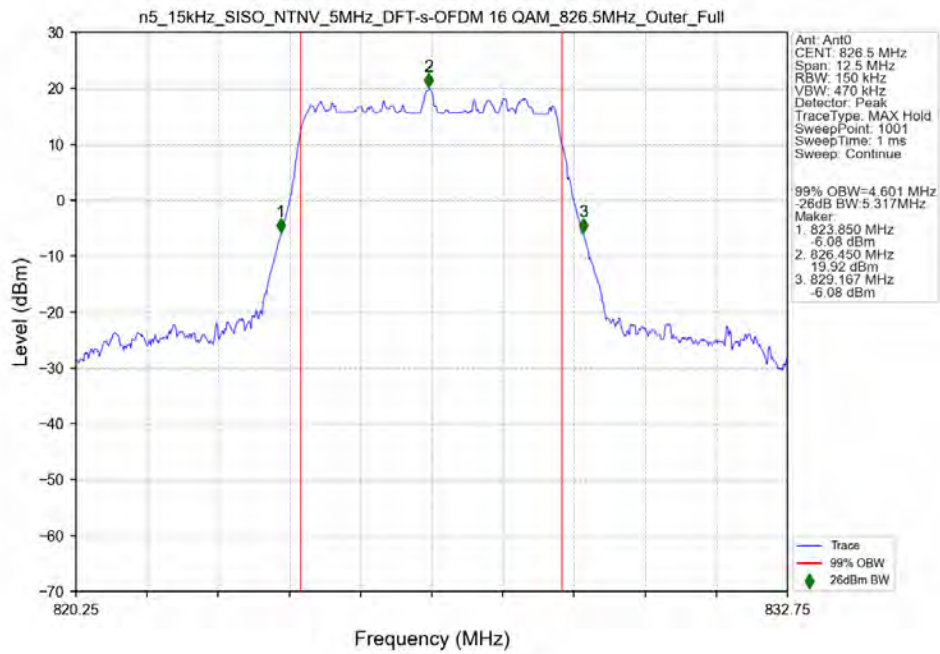
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



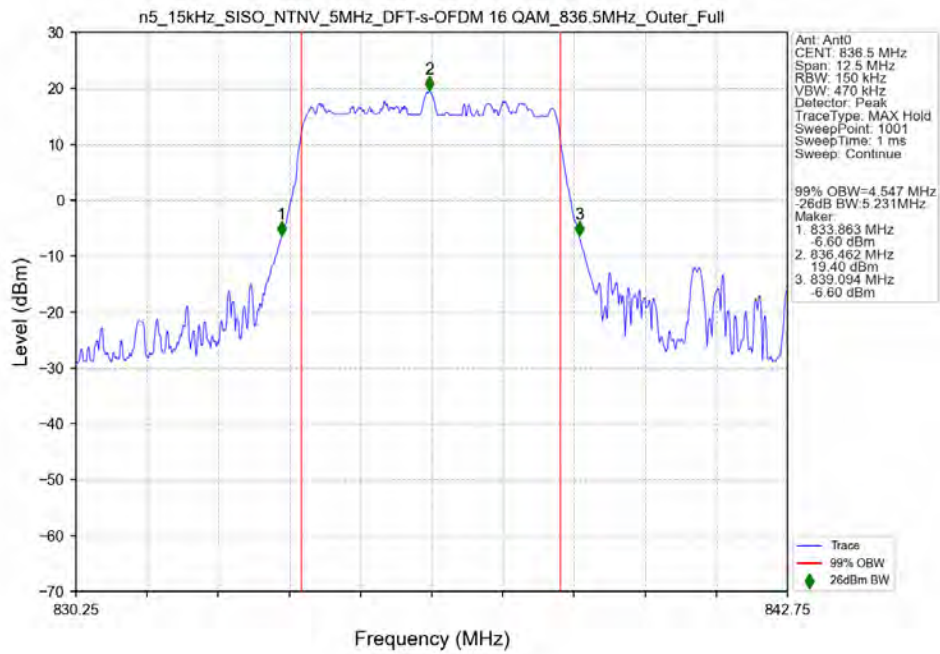
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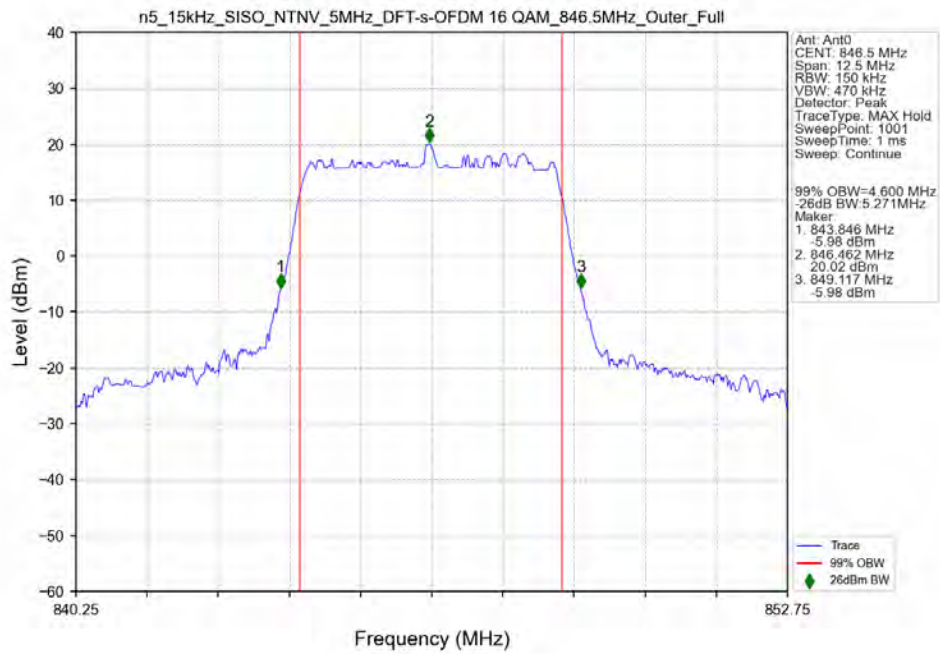
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_826.5MHz_Outer_Full_Ant0



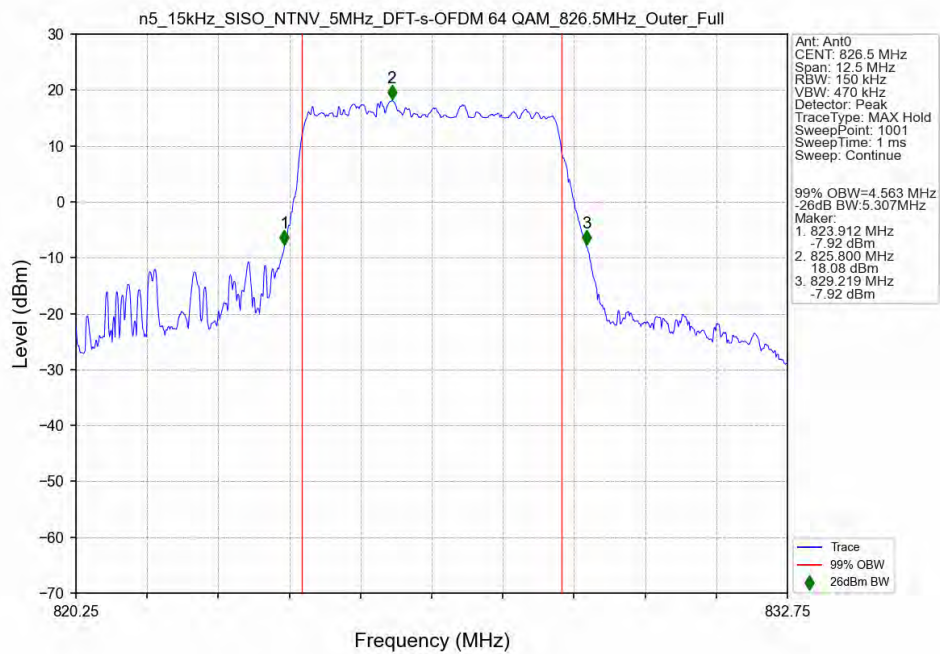
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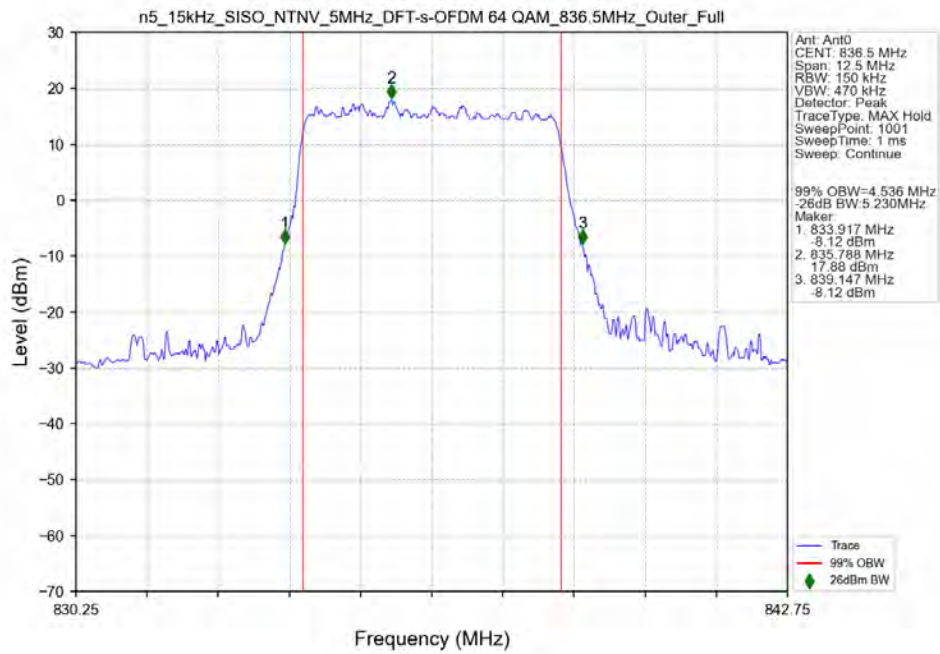
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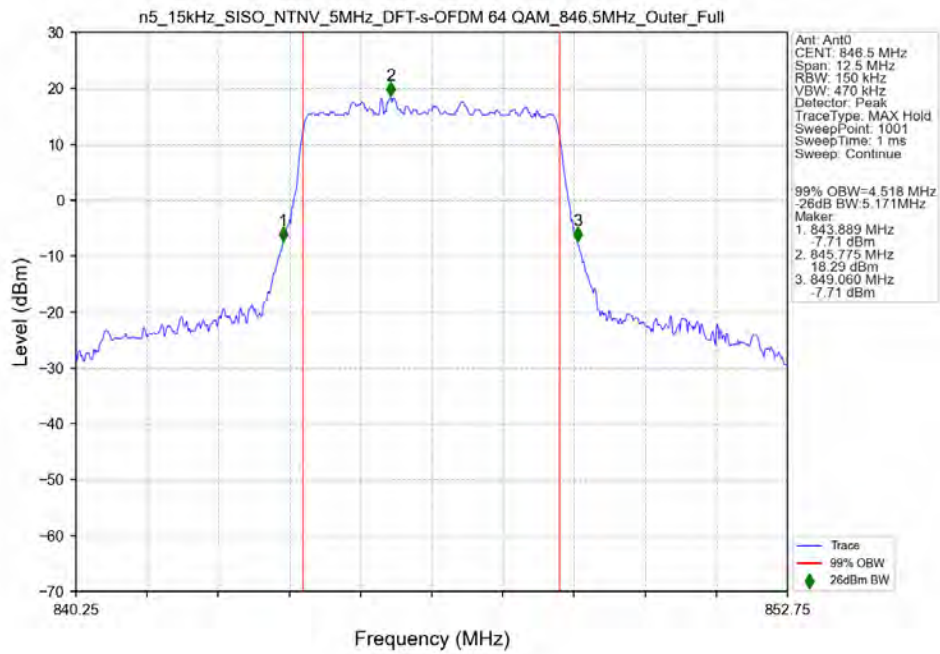
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_826.5MHz_Outer_Full_Ant0



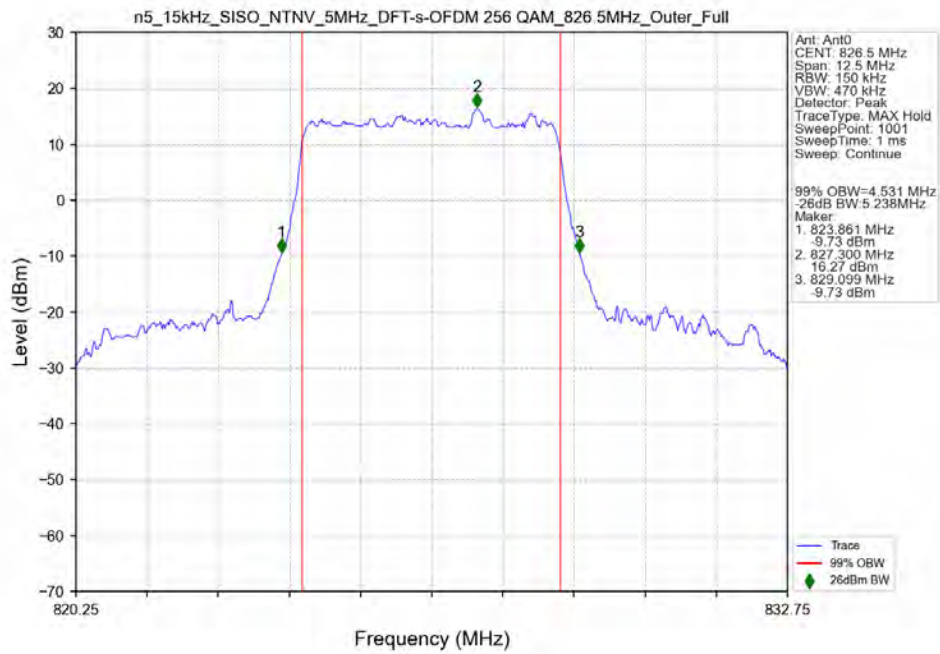
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant0



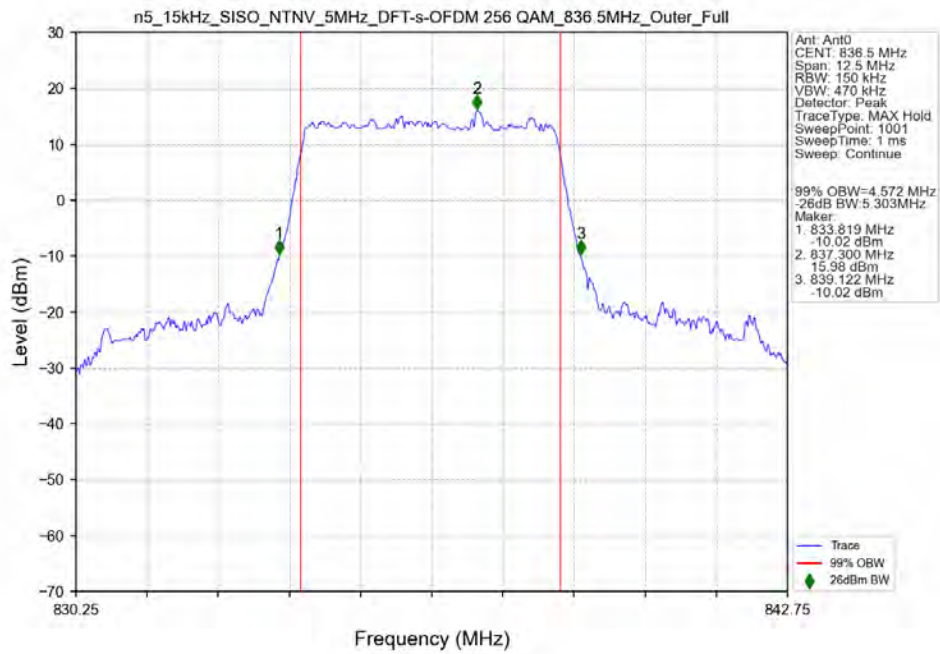
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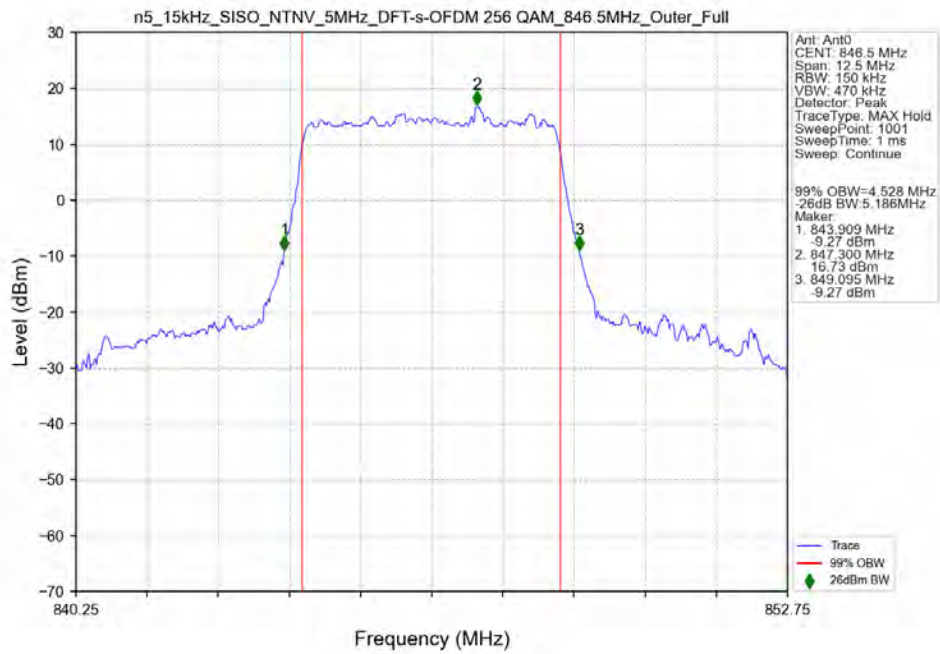
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_826.5MHz_Outer_Full_Ant0



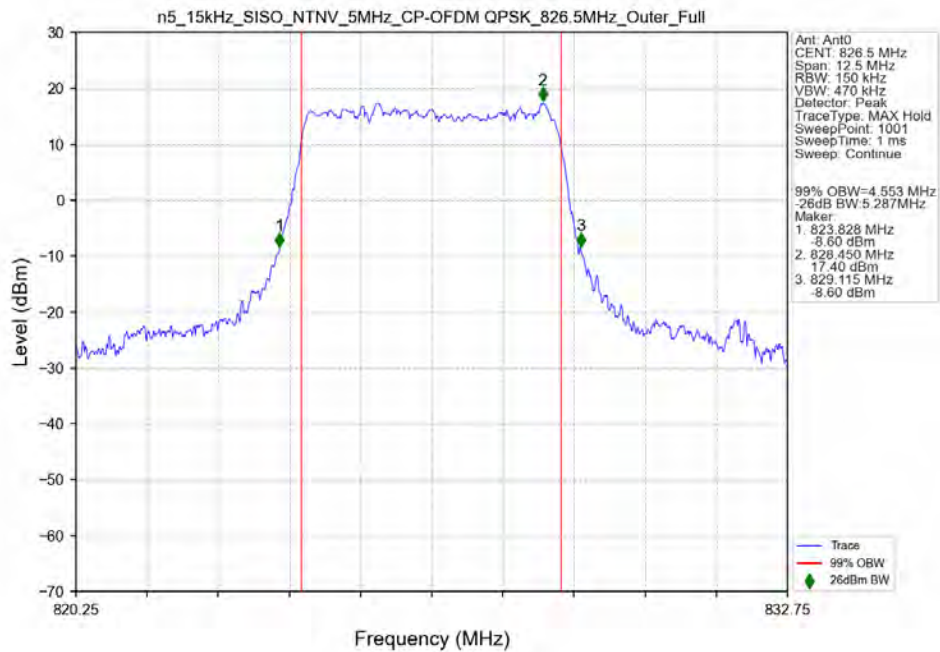
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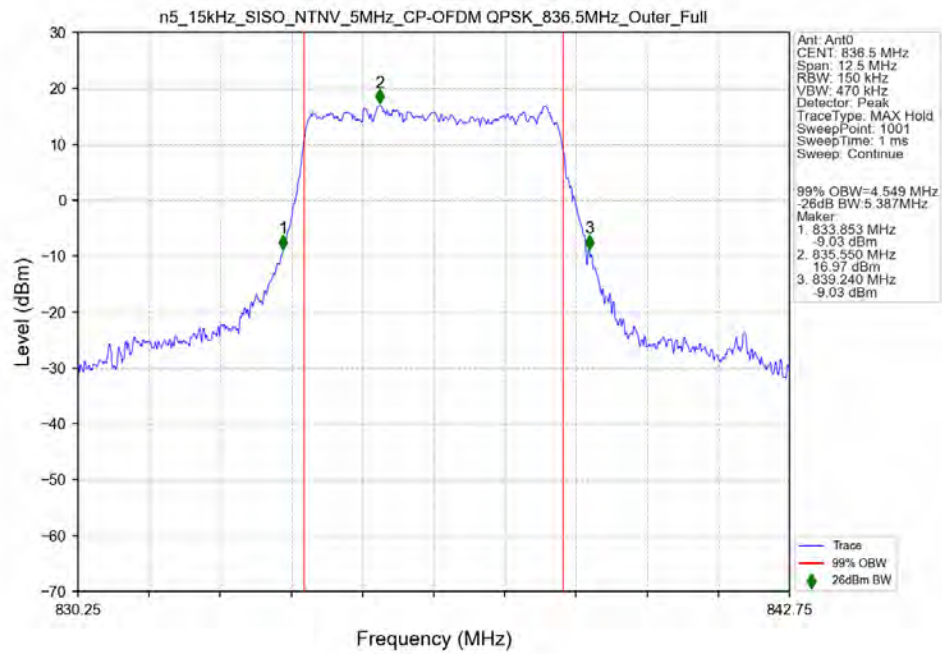
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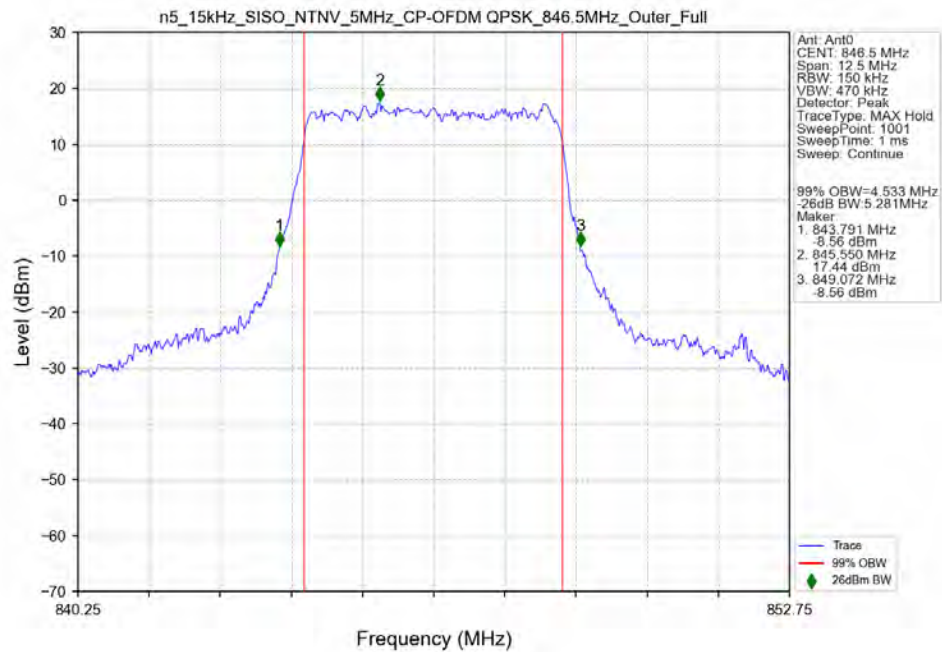
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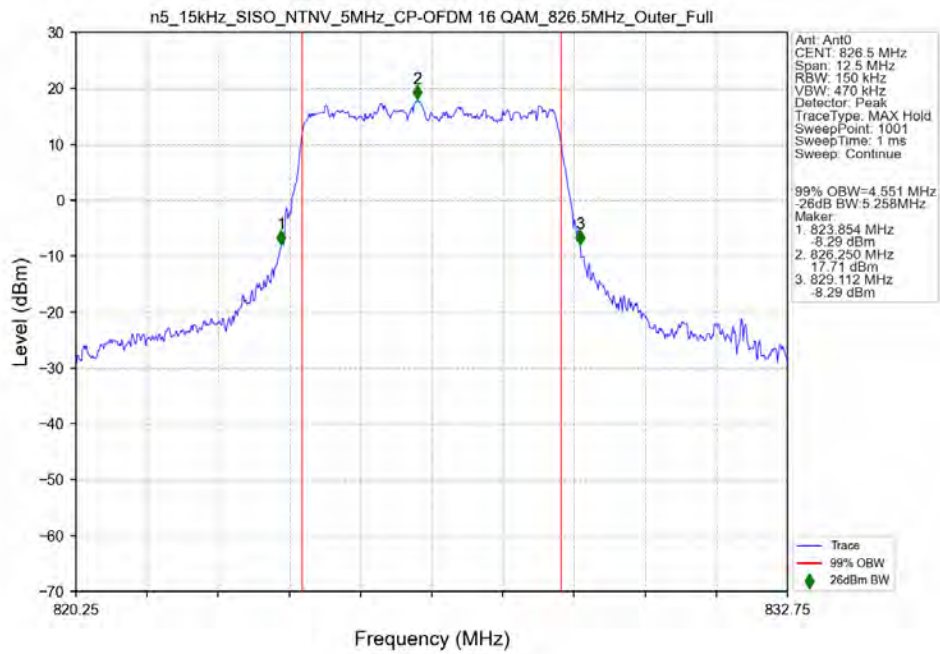
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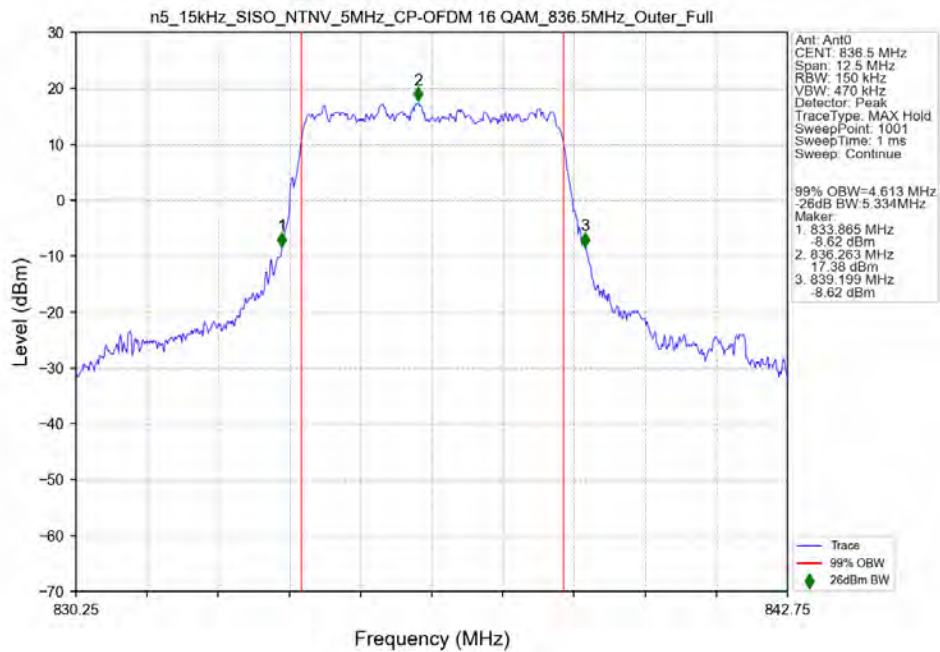
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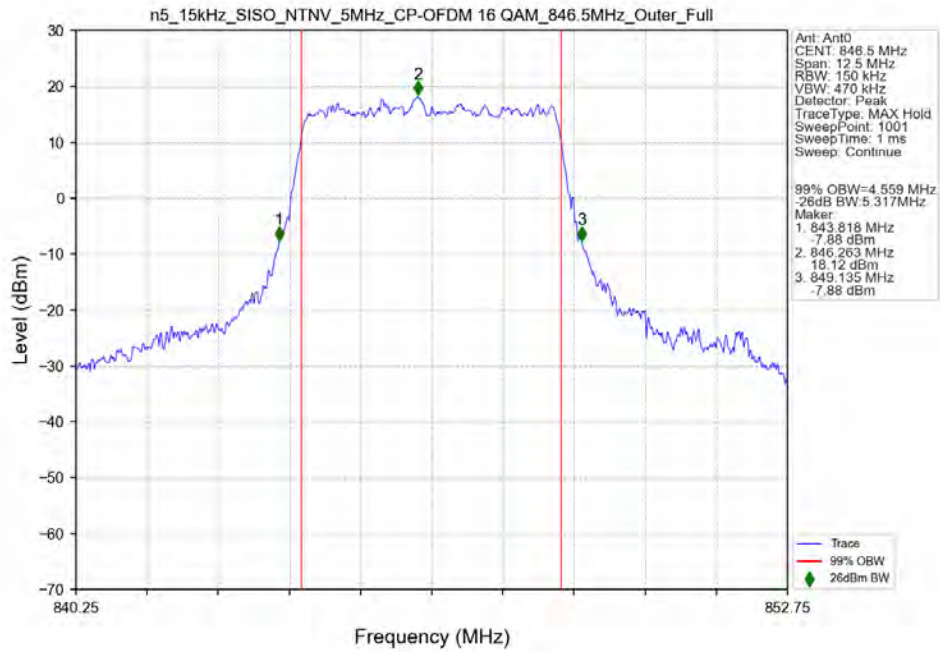
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_826.5MHz_Outer_Full_Ant0



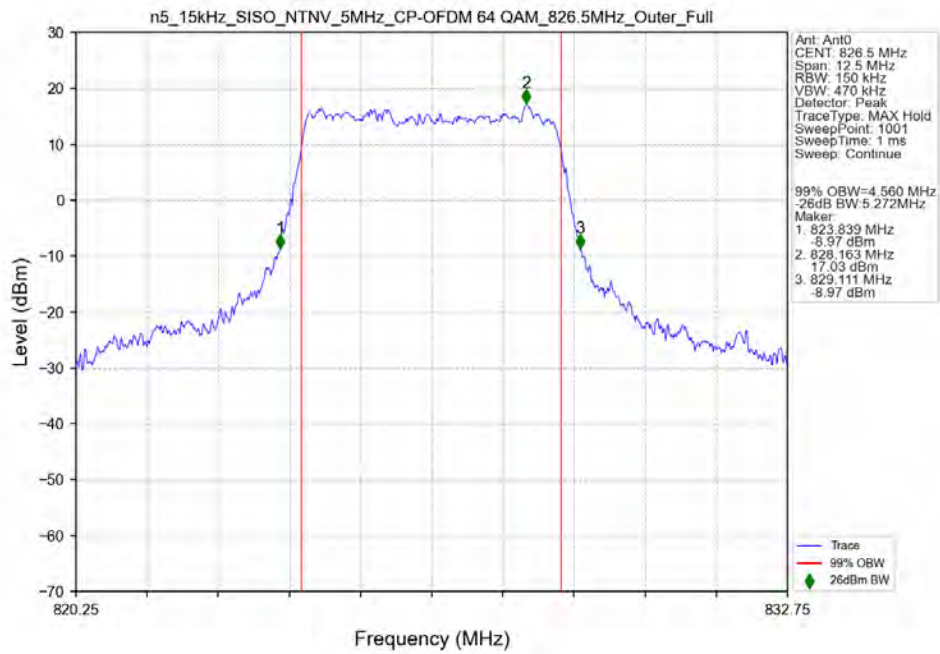
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_836.5MHz_Outer_Full_Ant0



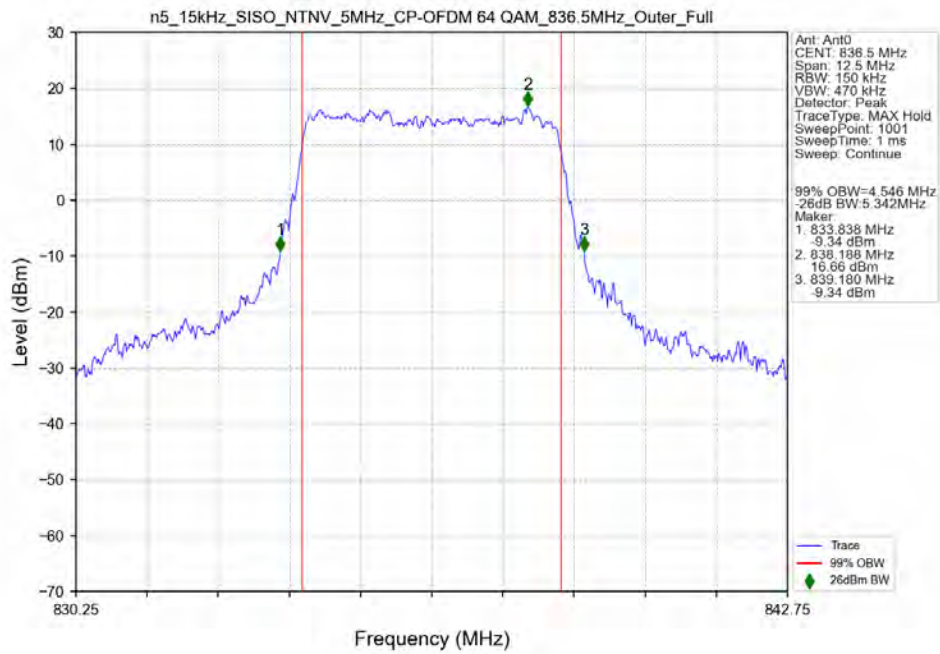
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 846.5MHz Outer Full Ant0



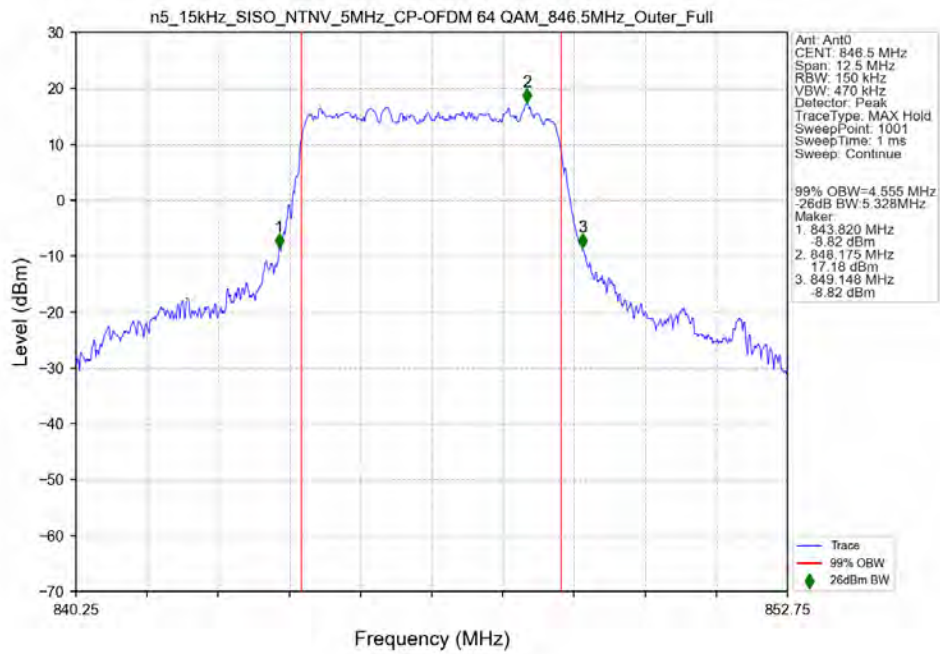
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 826.5MHz Outer Full Ant0



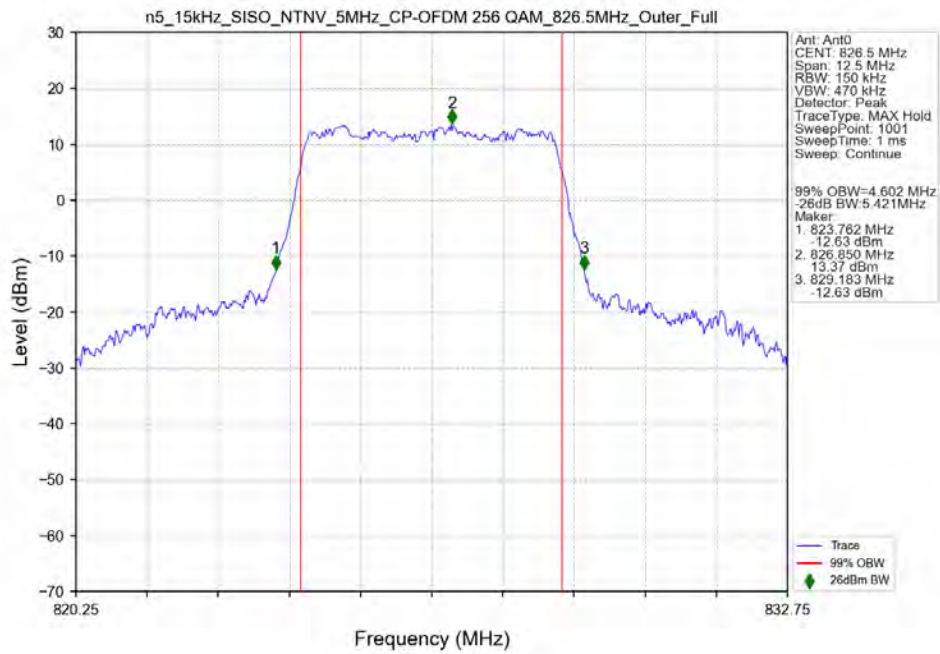
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_64_QAM_836.5MHz_Outer_Full_Ant0



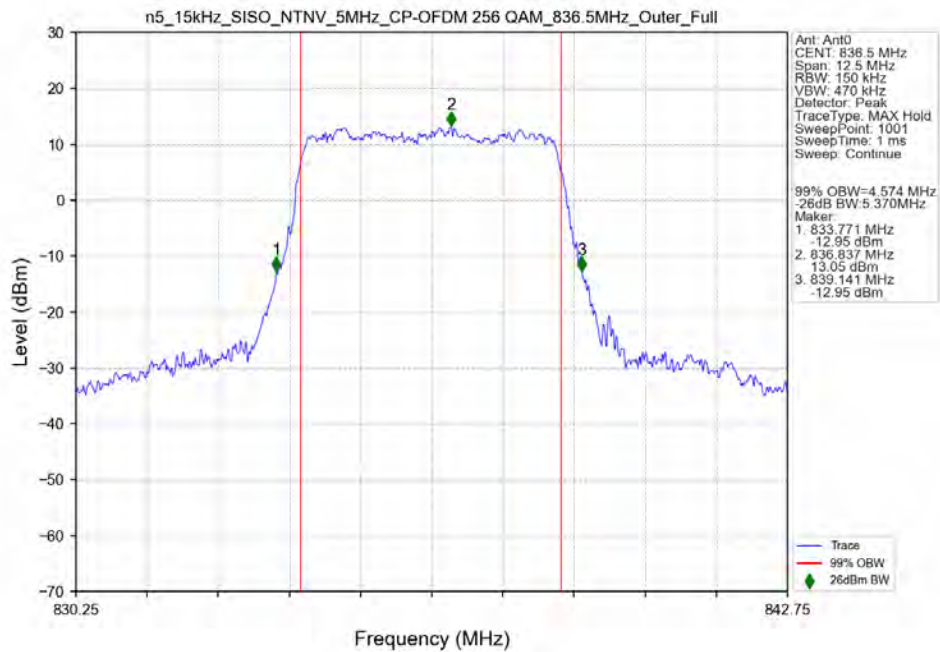
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_64_QAM_846.5MHz_Outer_Full_Ant0



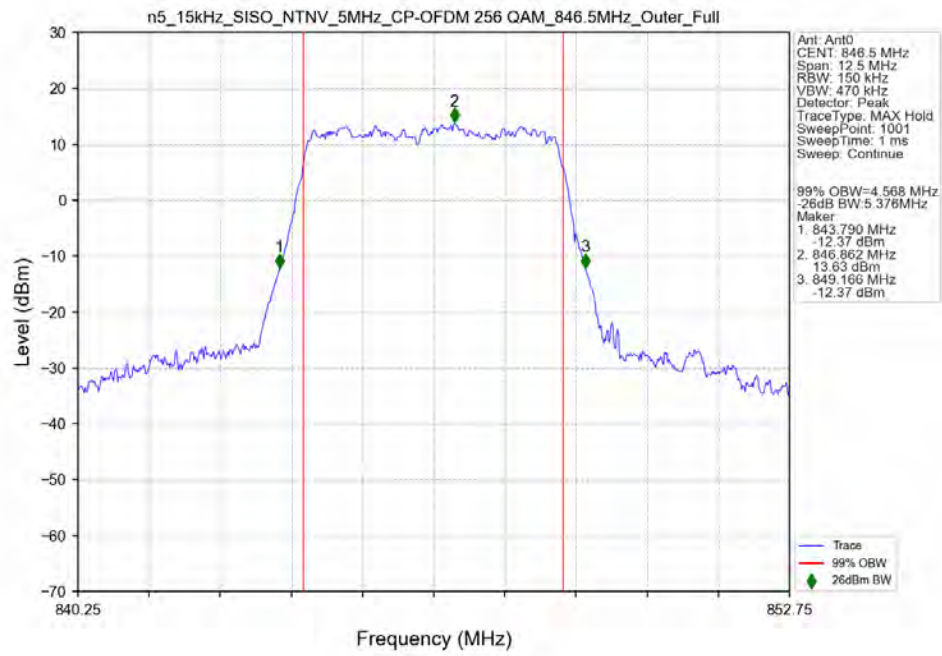
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_826.5MHz_Outer_Full_Ant0



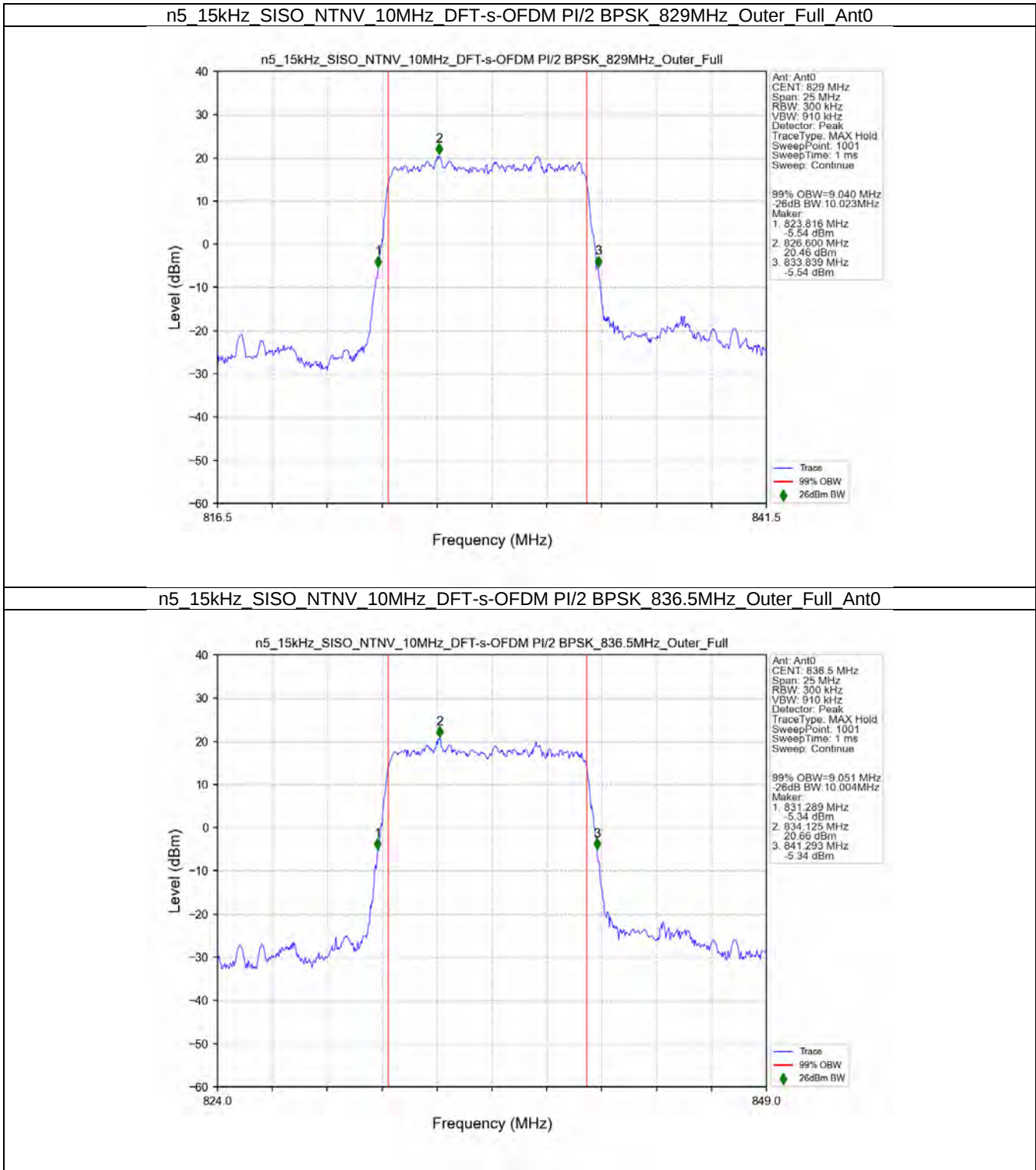
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



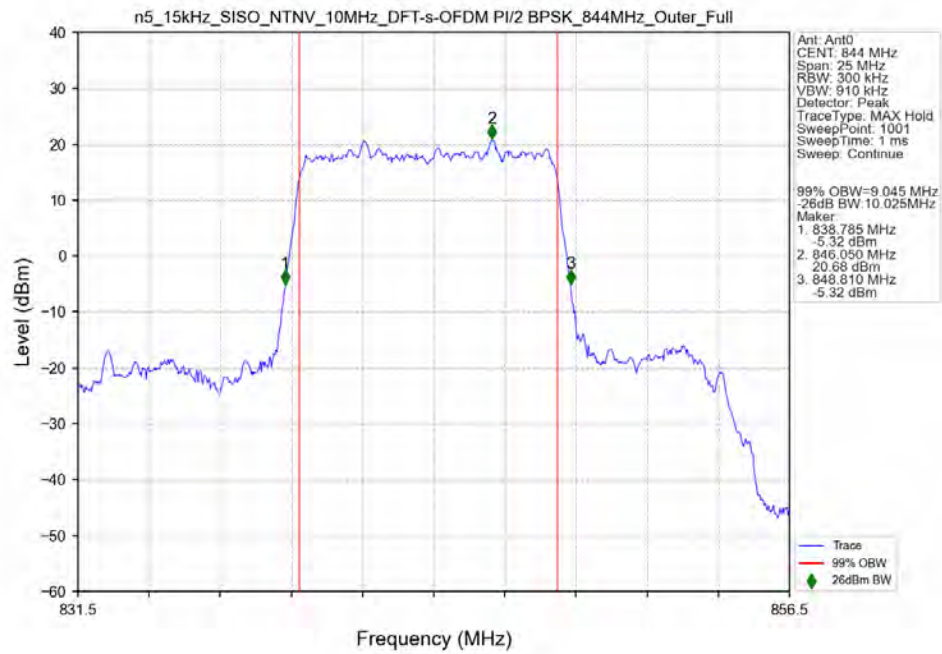
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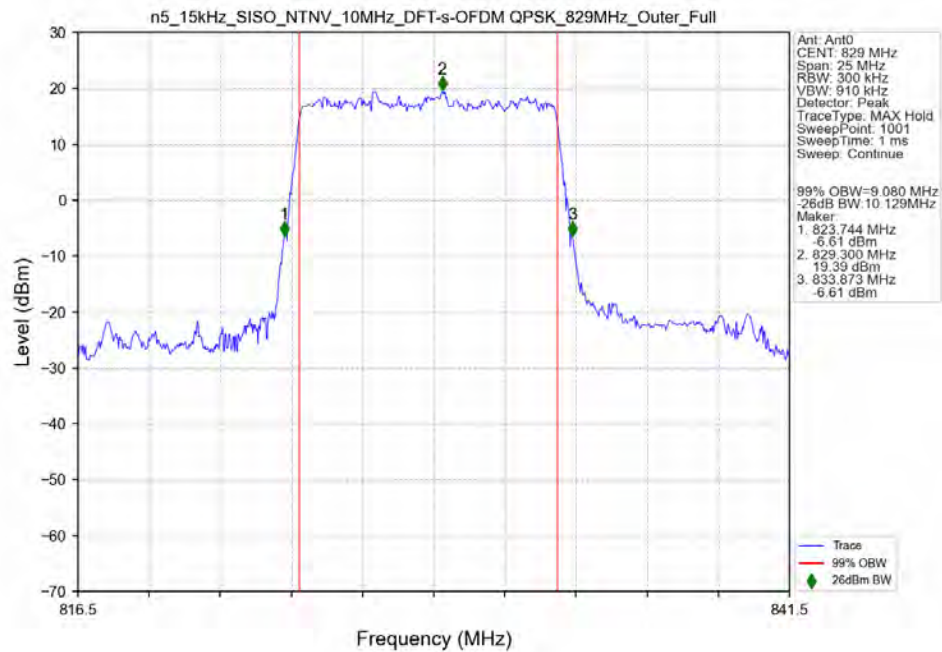
3.2.2 15k_SISO_10MHz_NTNV



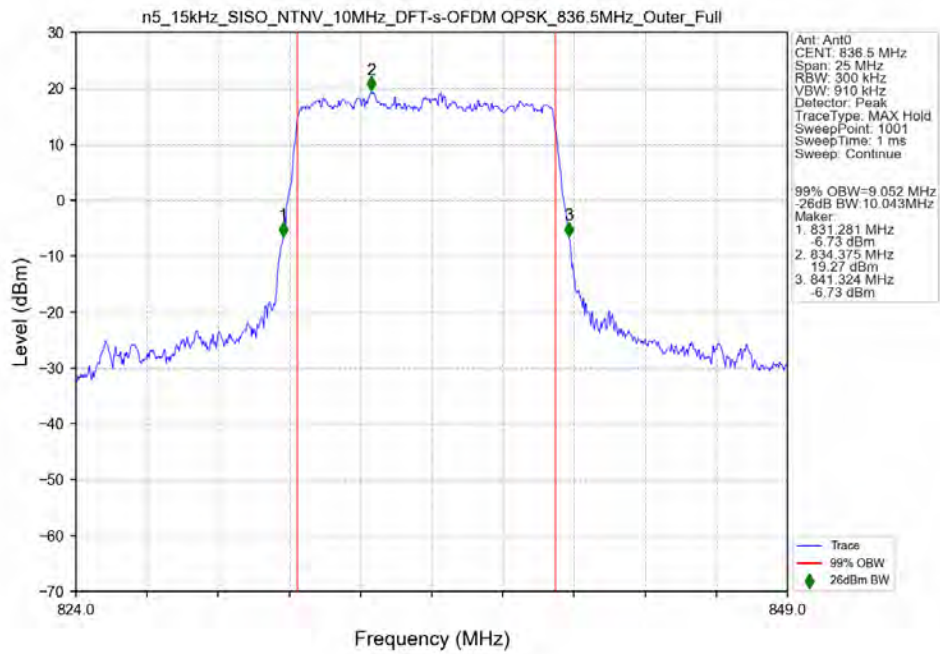
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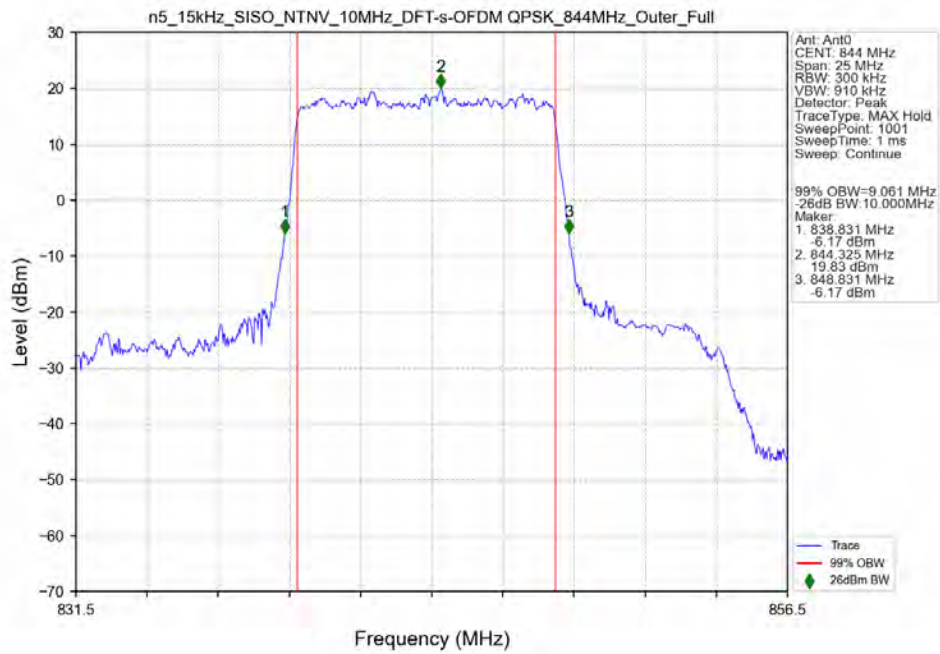
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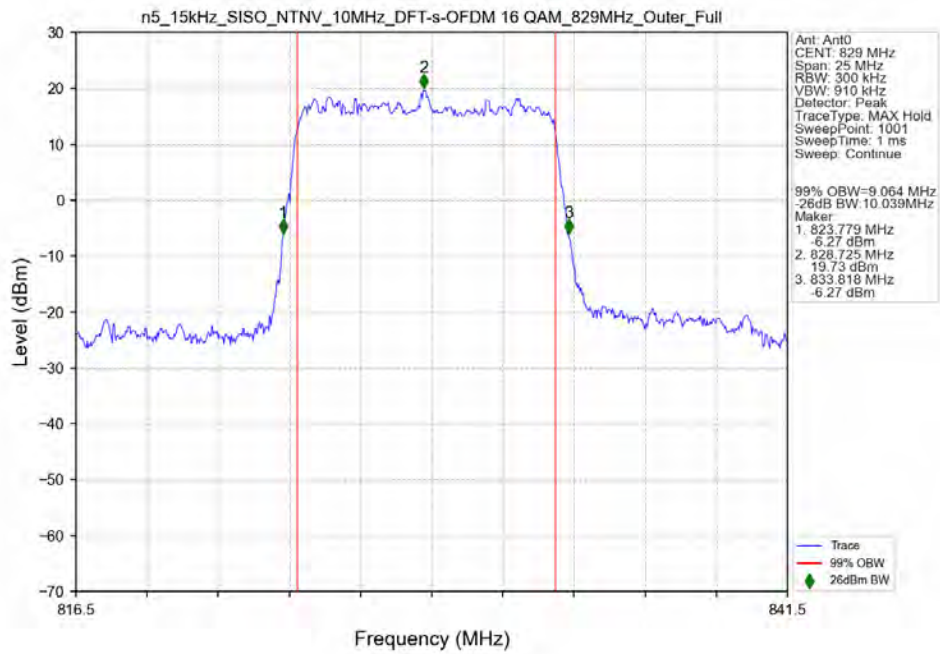
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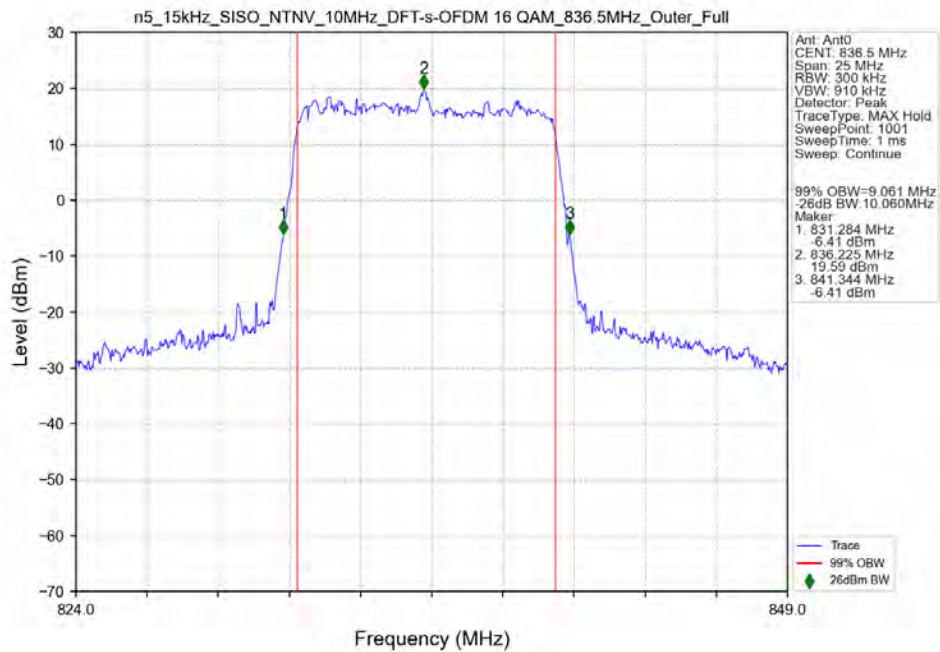
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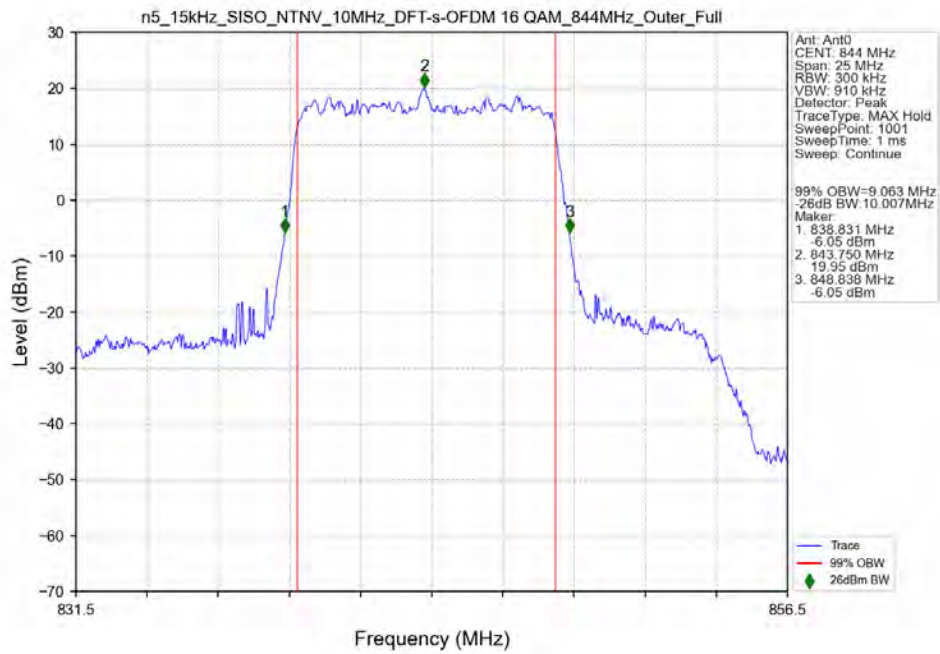
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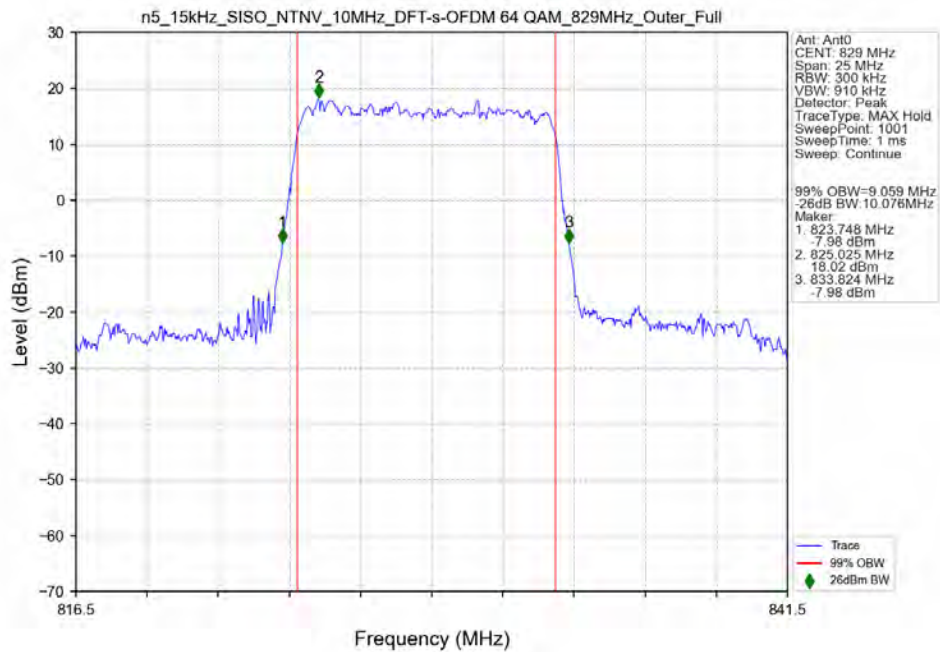
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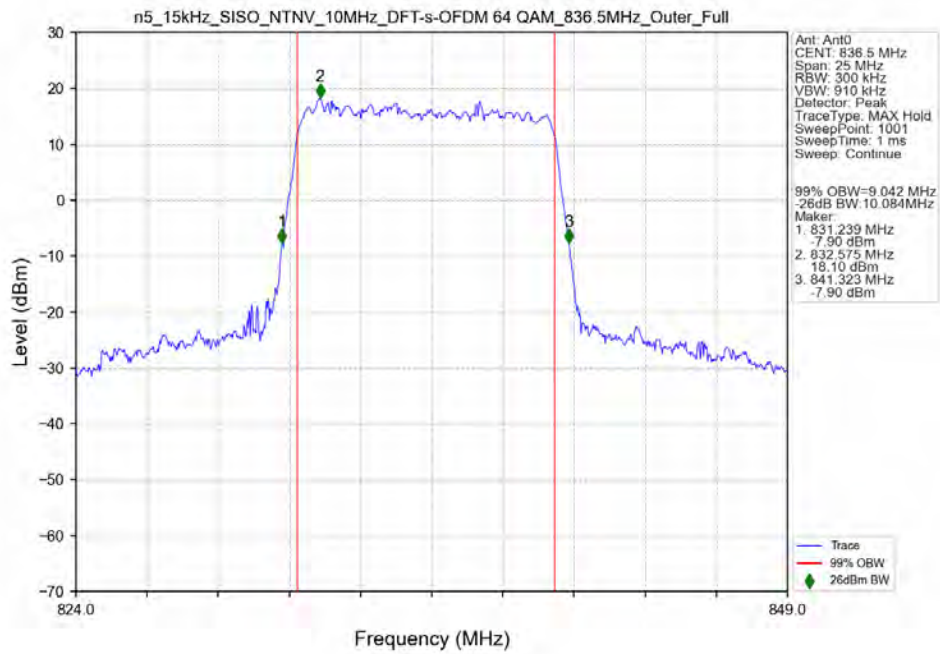
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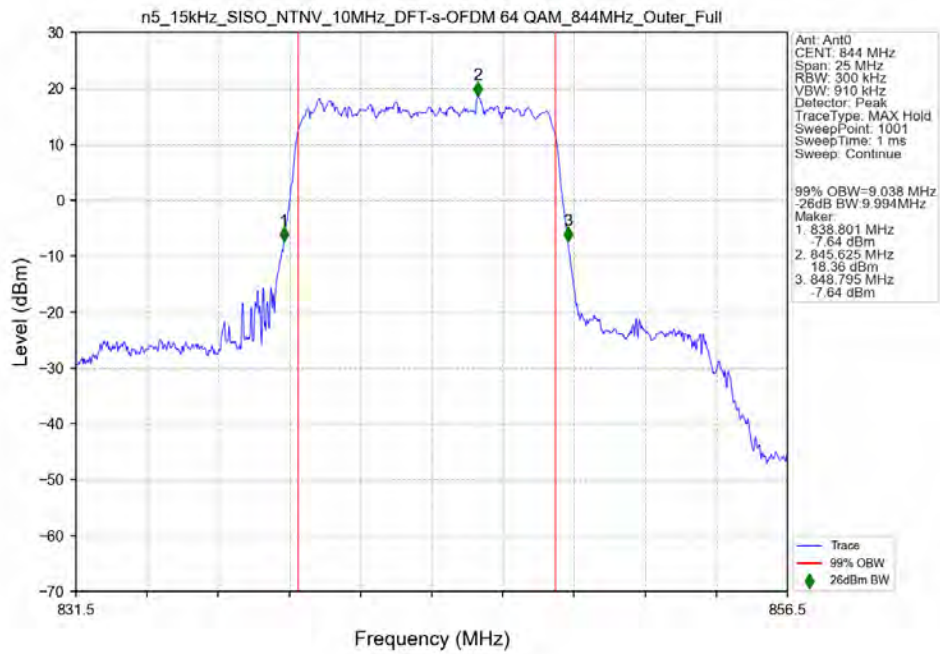
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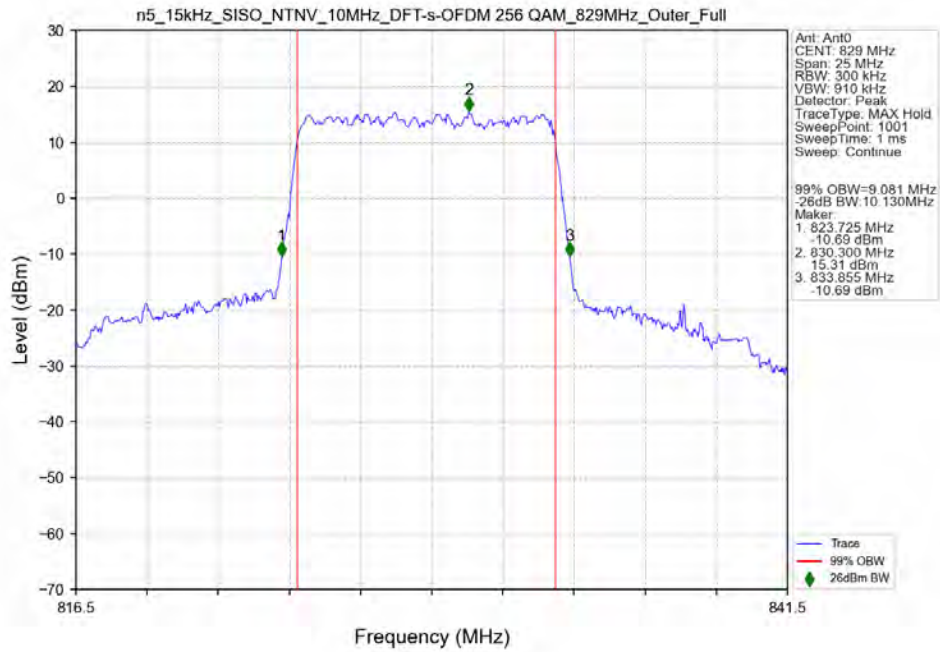
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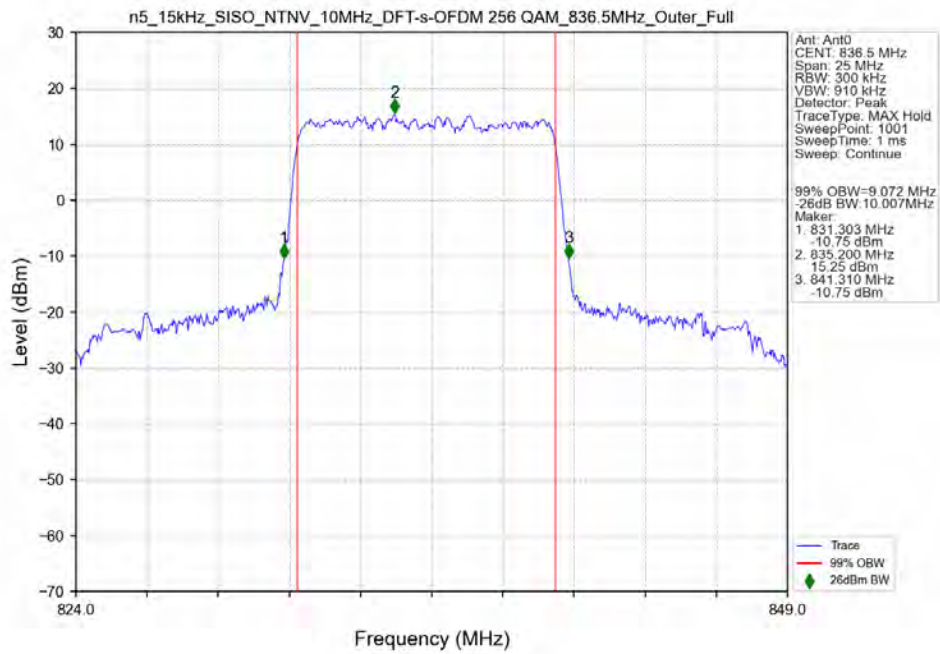
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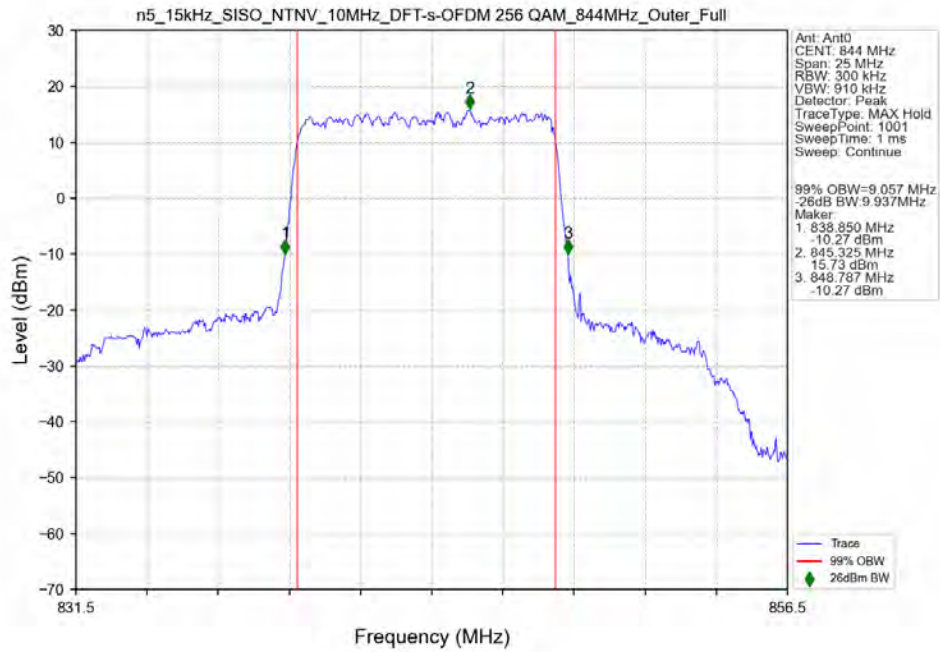
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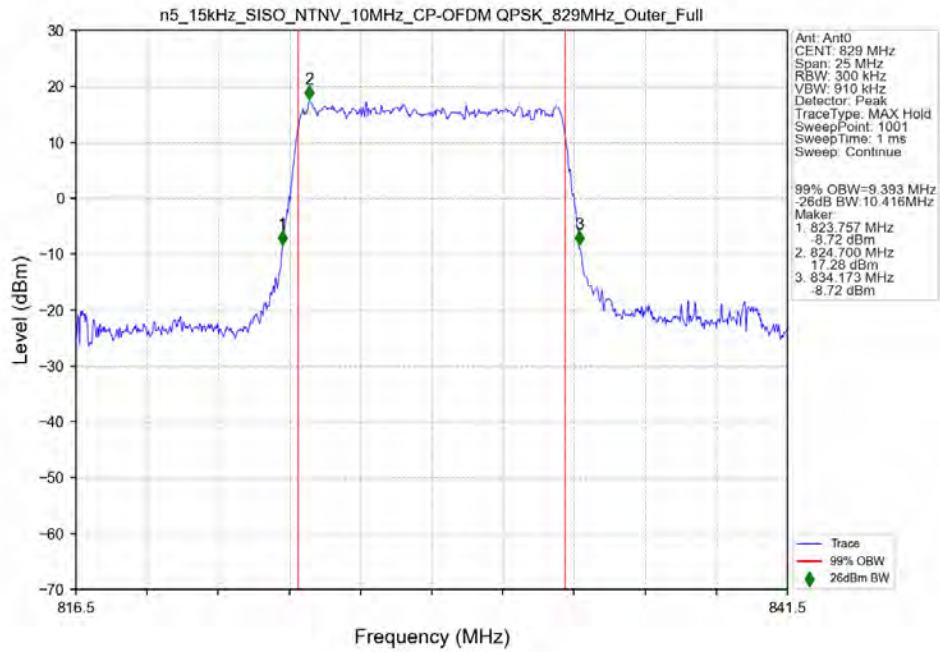
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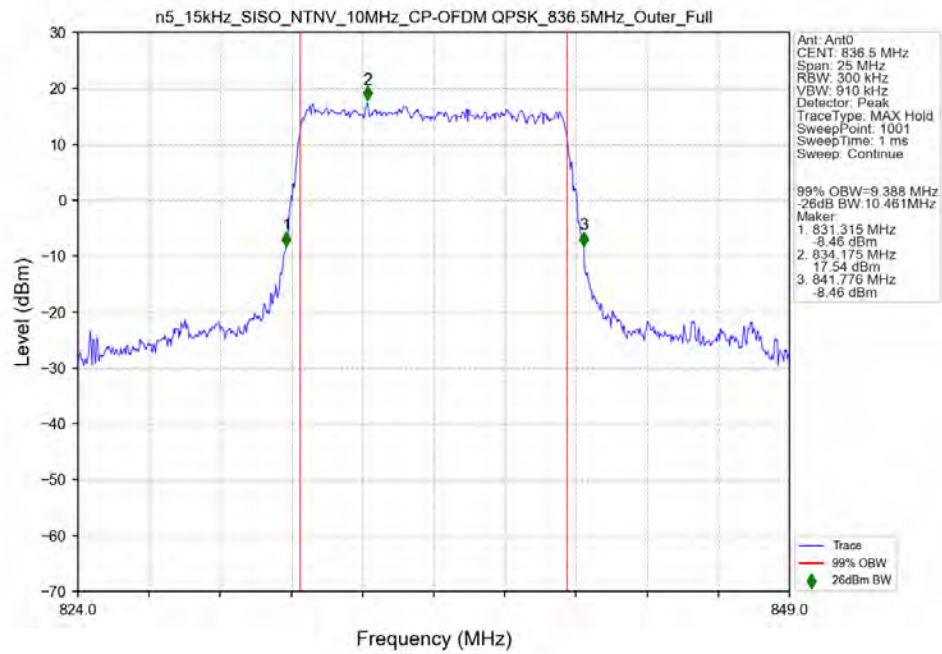
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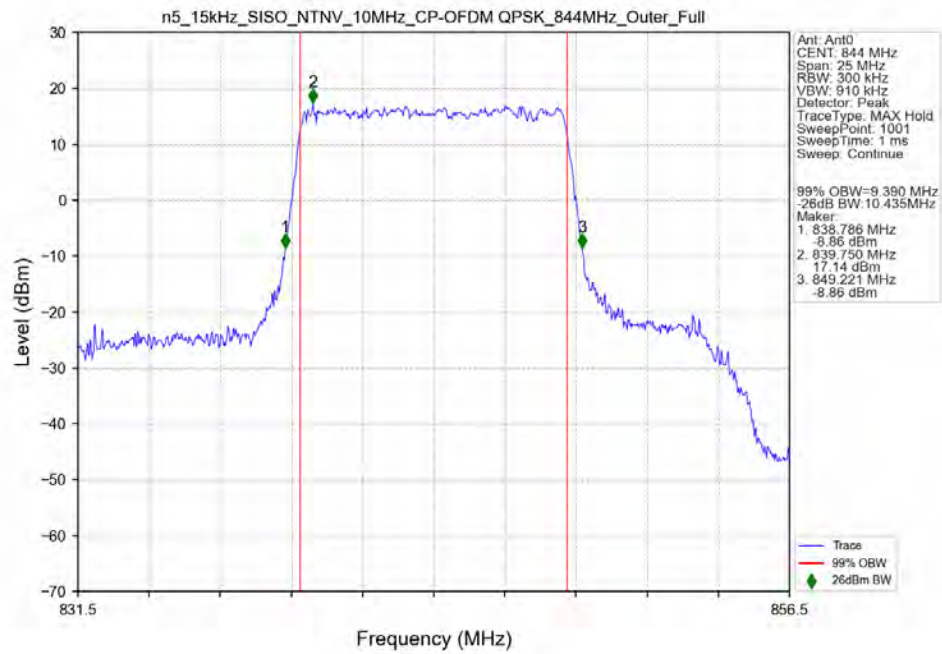
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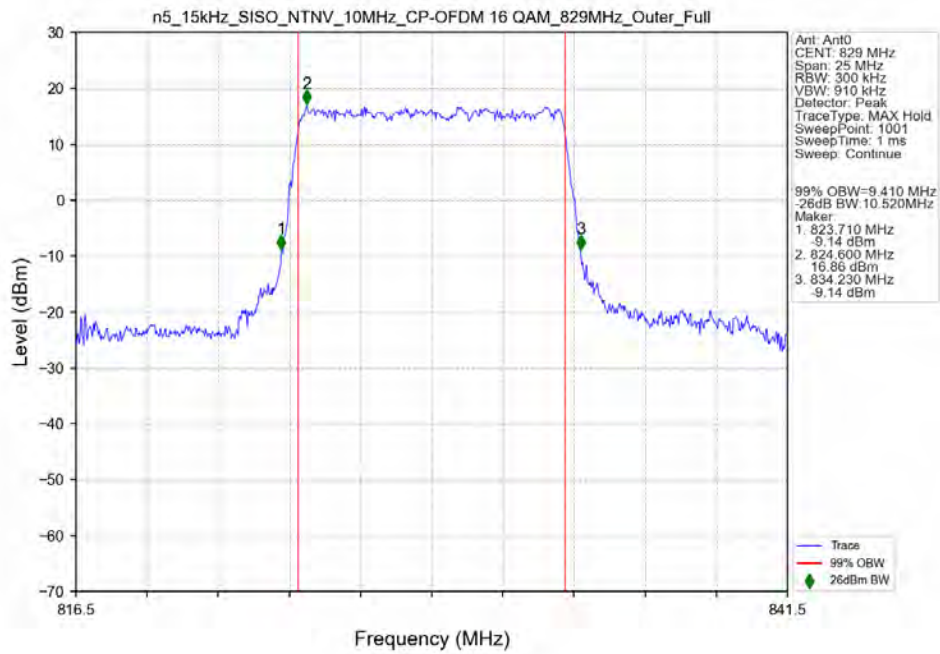
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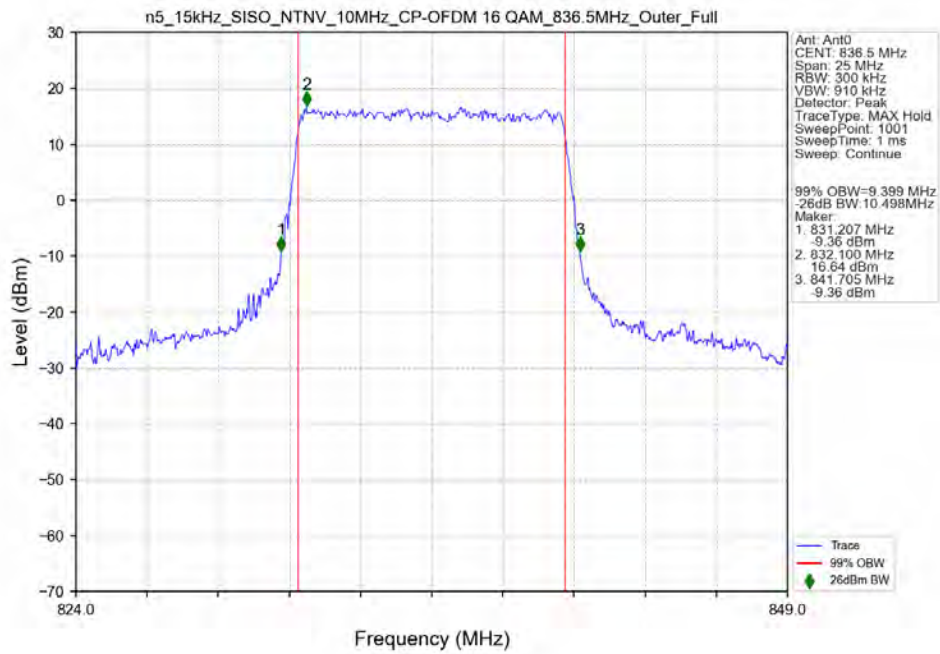
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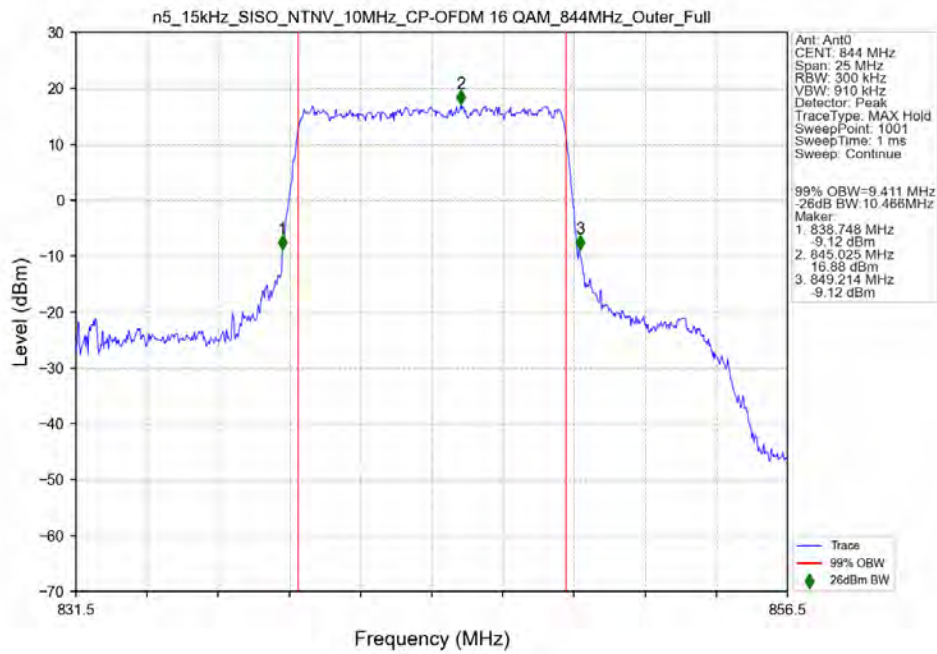
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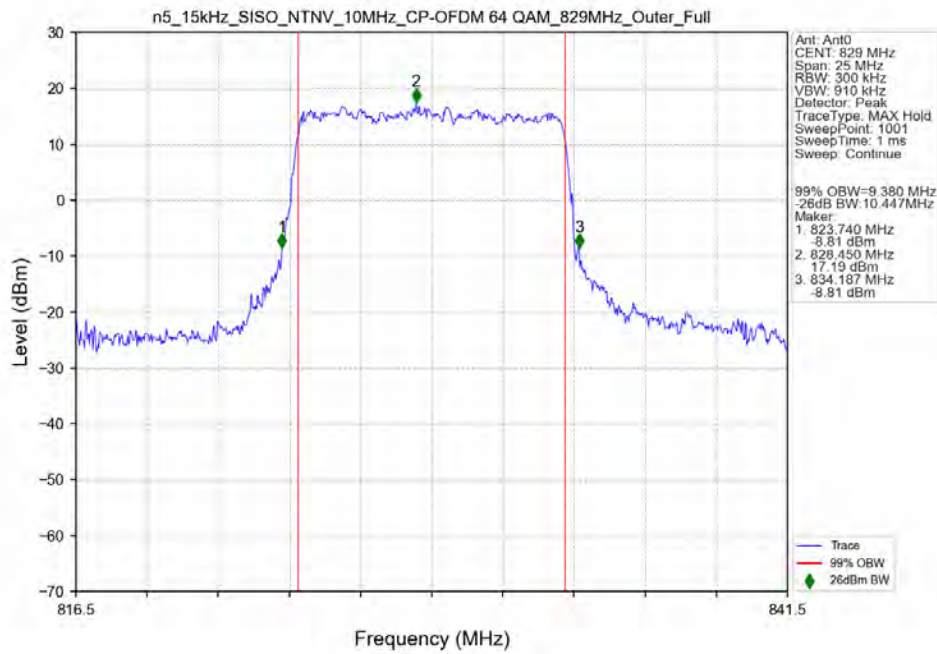
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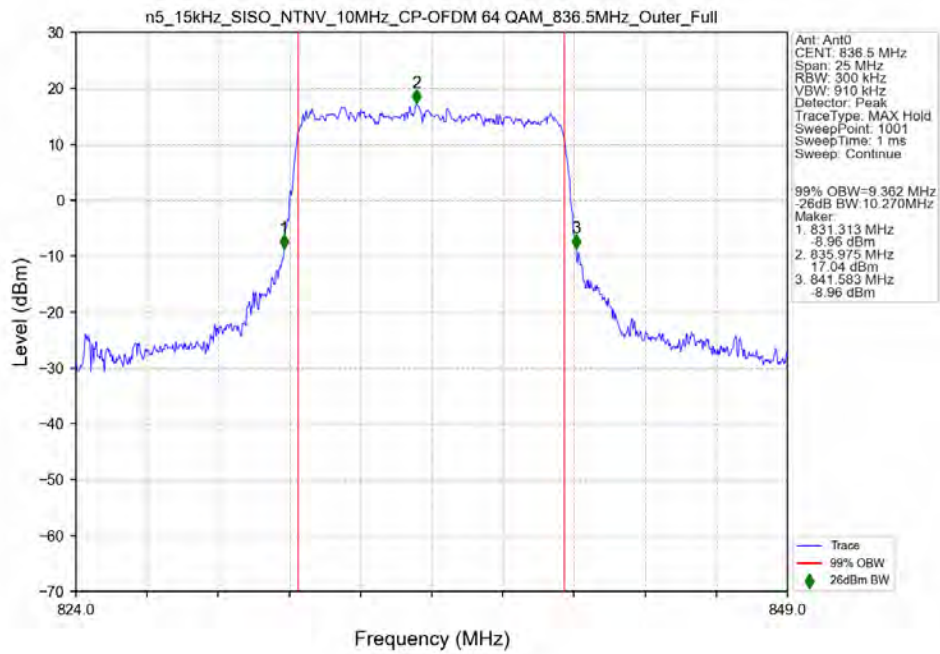
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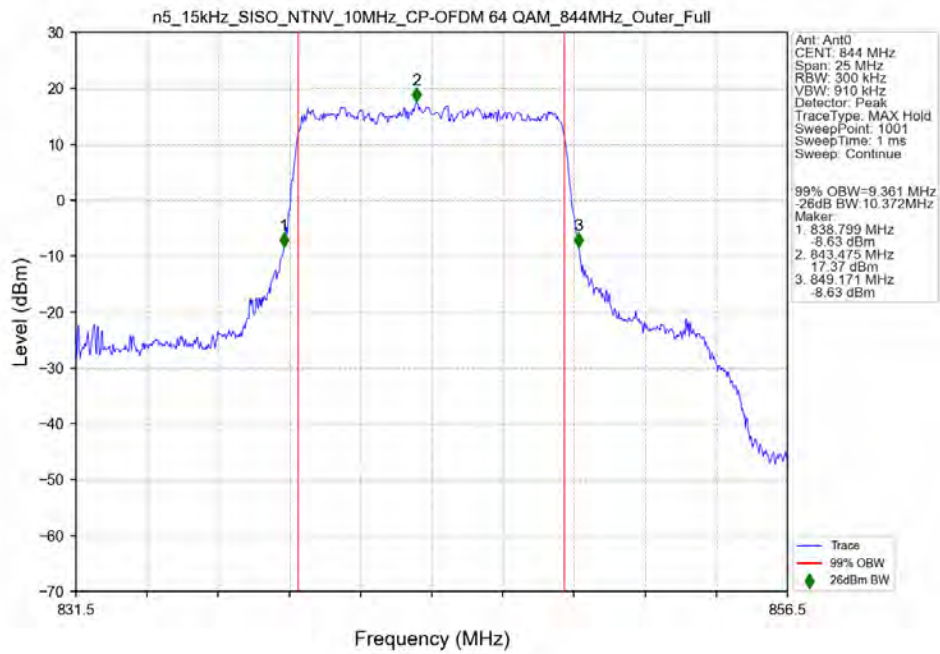
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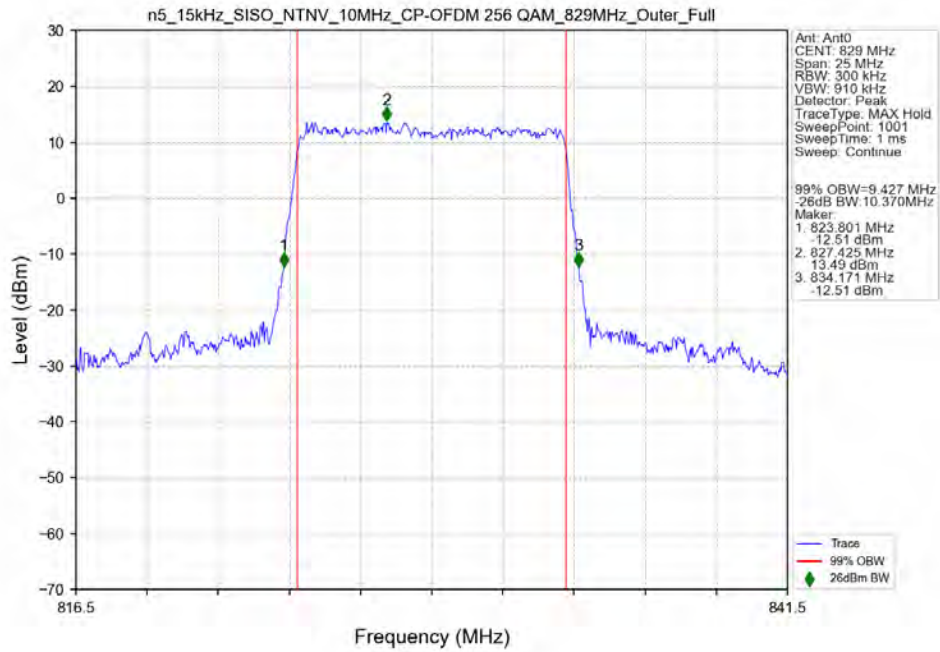
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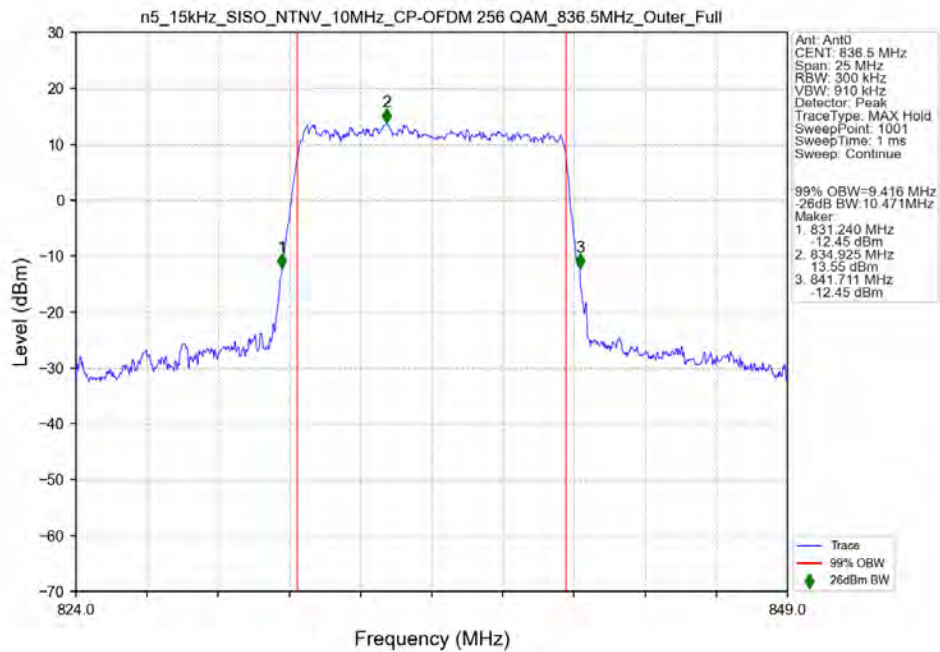
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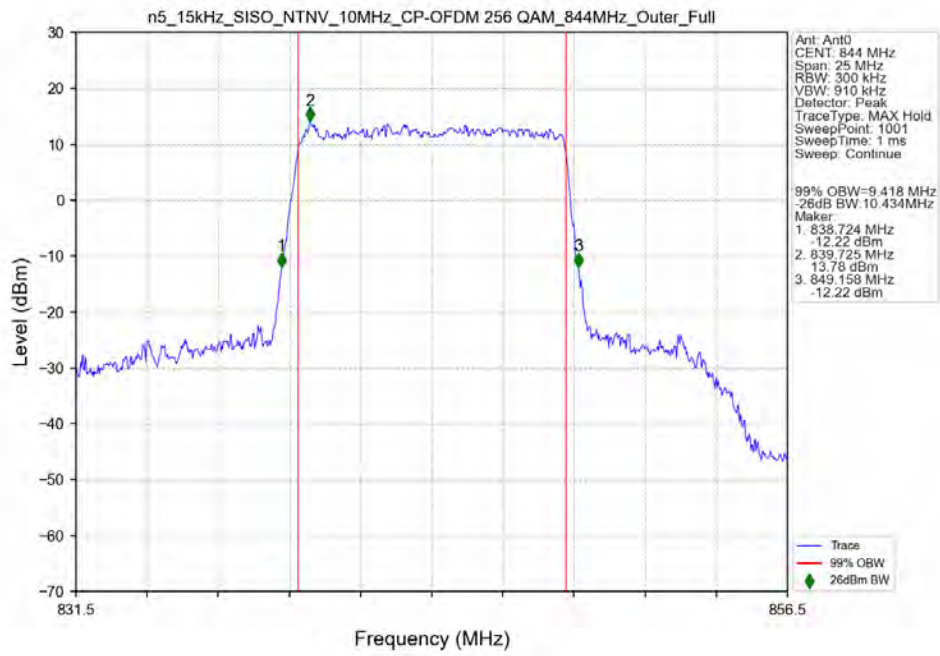
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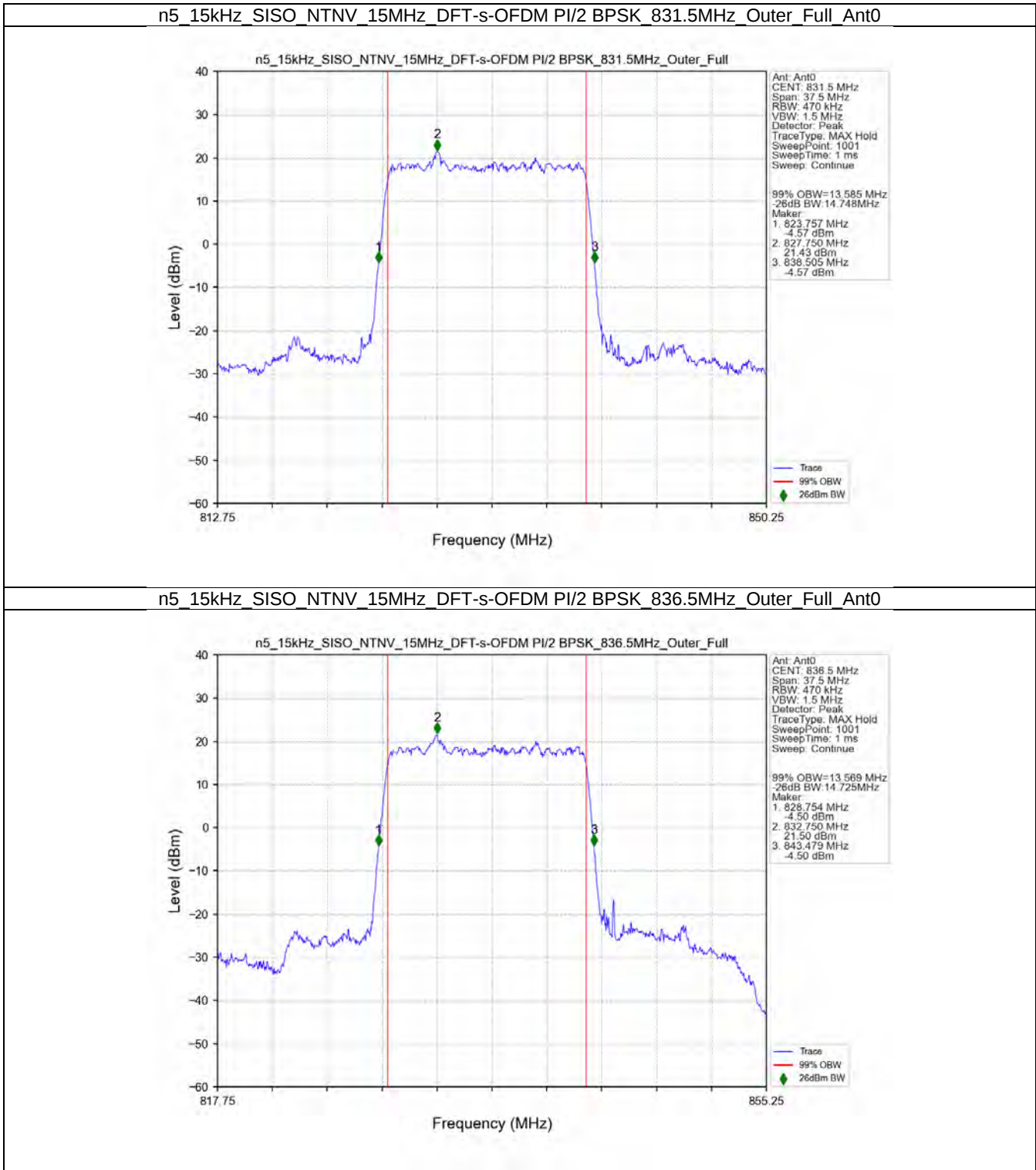
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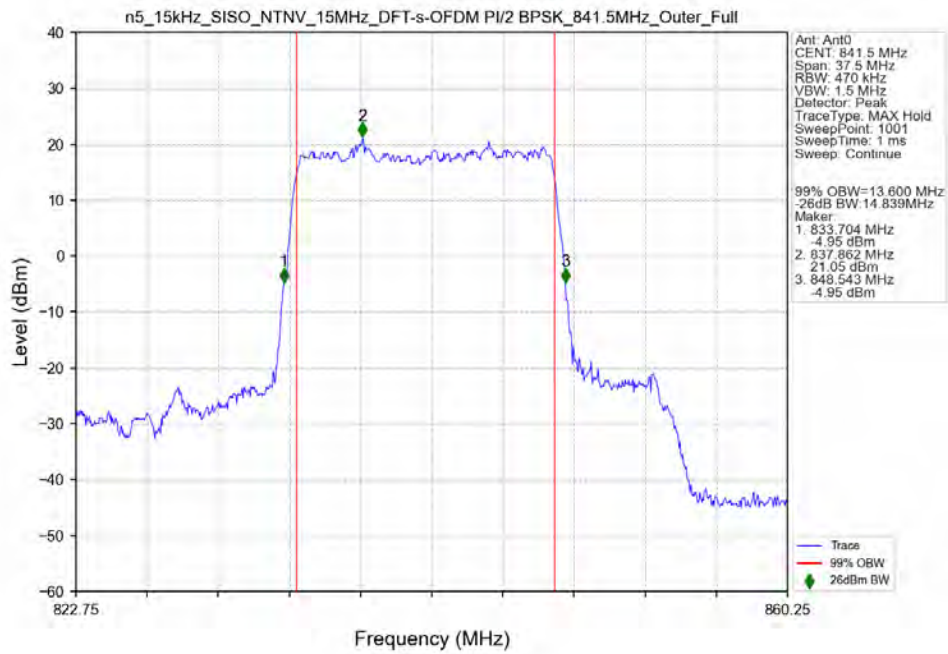
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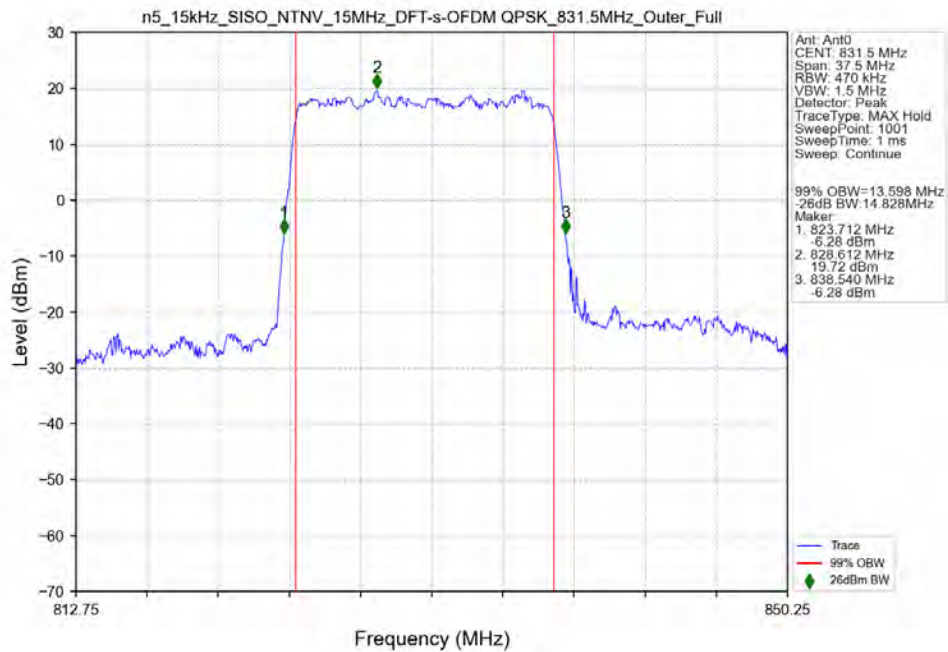
3.2.3 15k_SISO_15MHz_NTNV



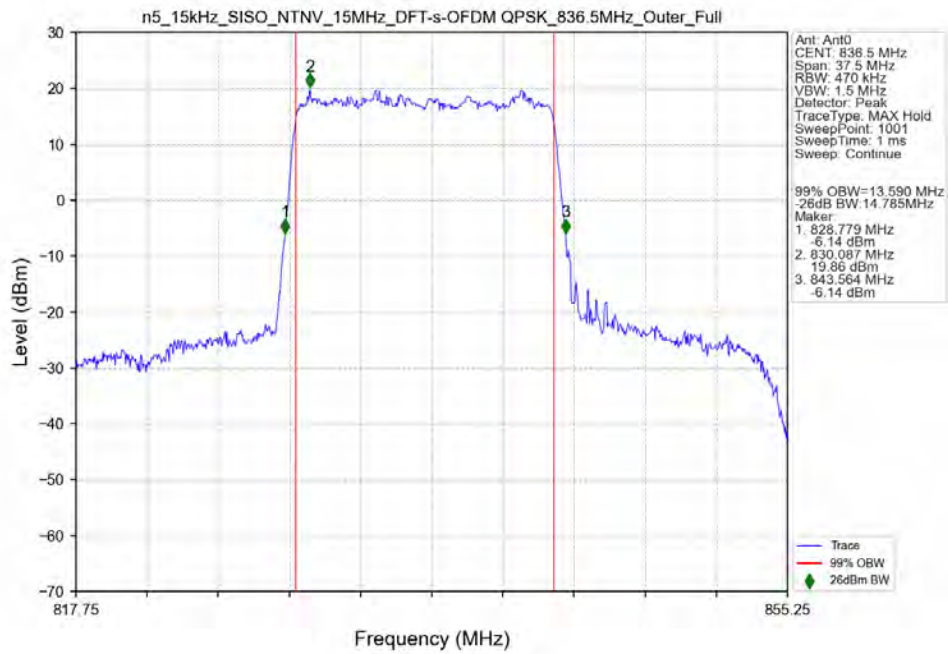
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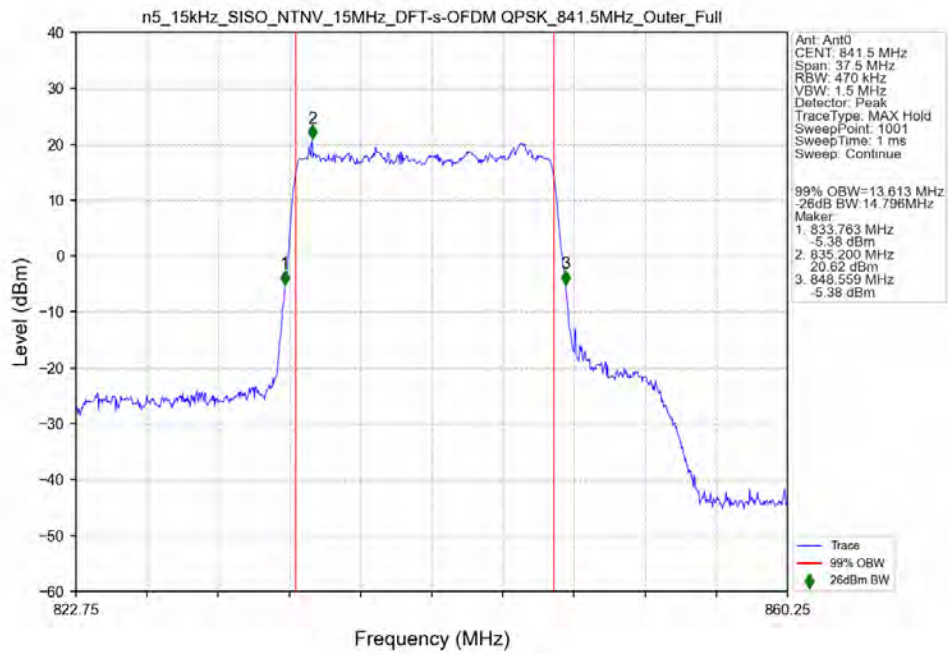
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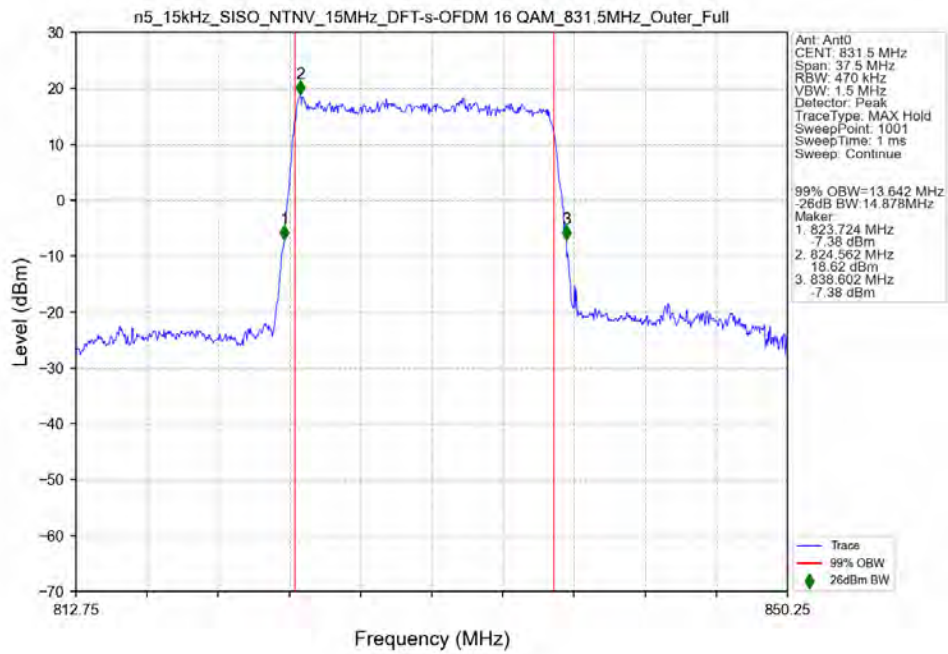
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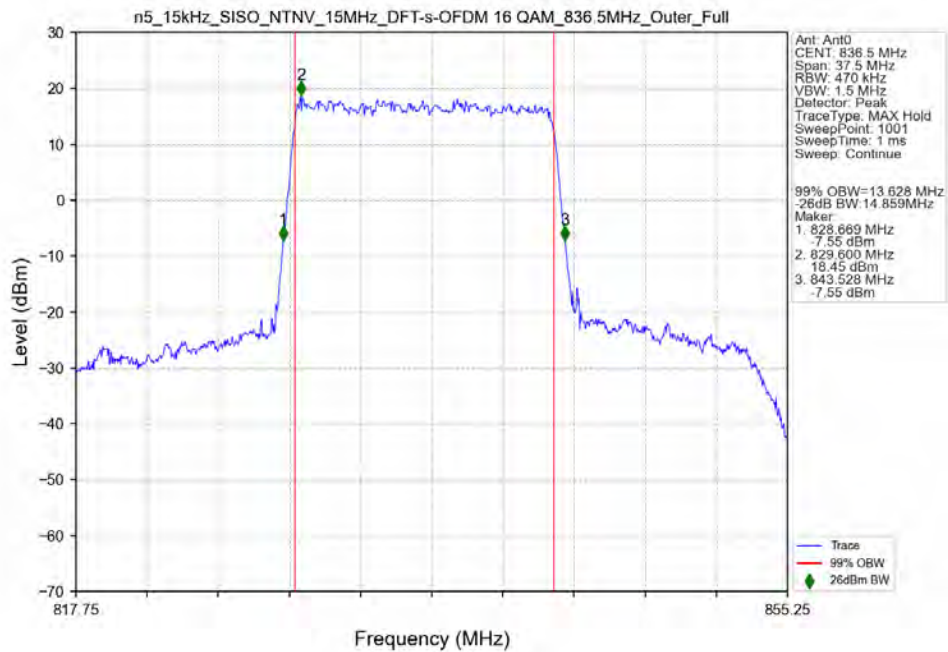
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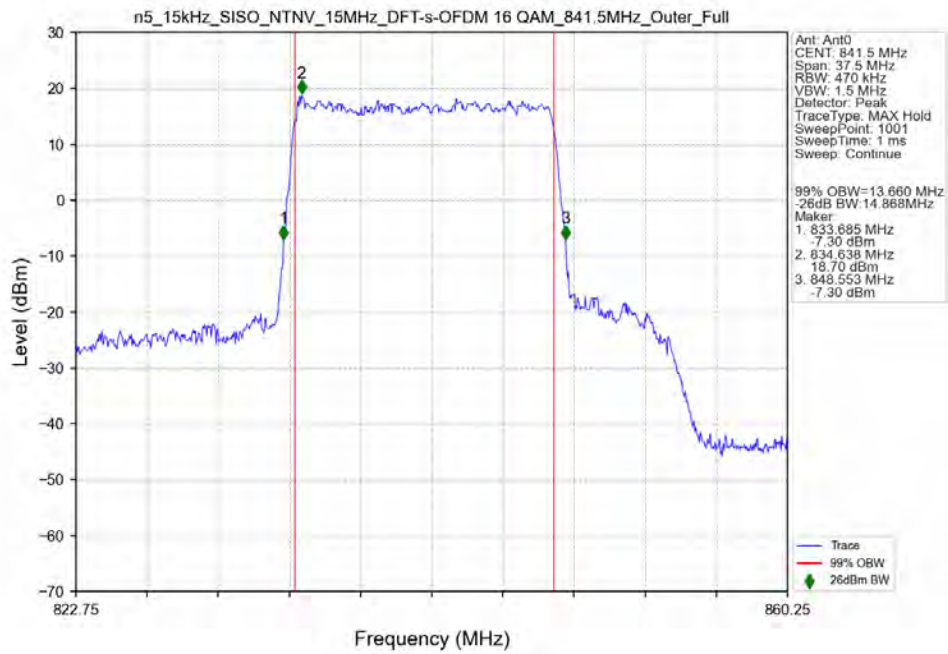
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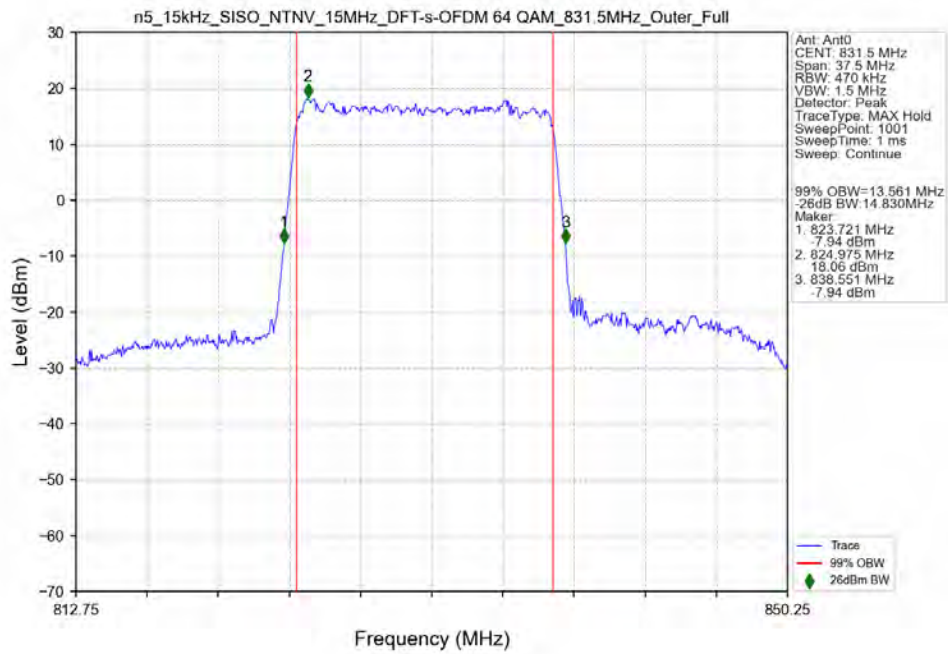
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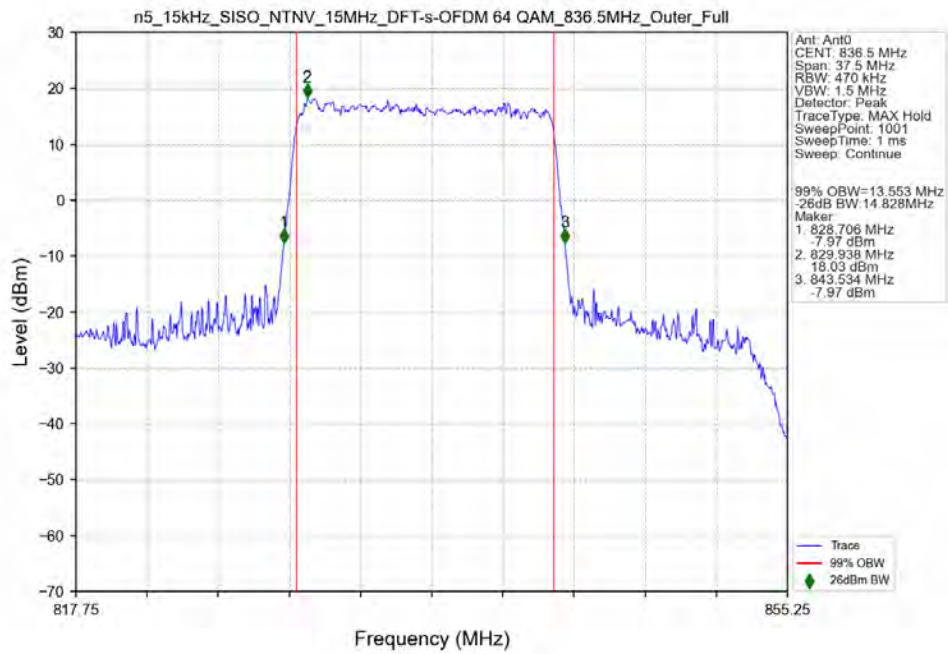
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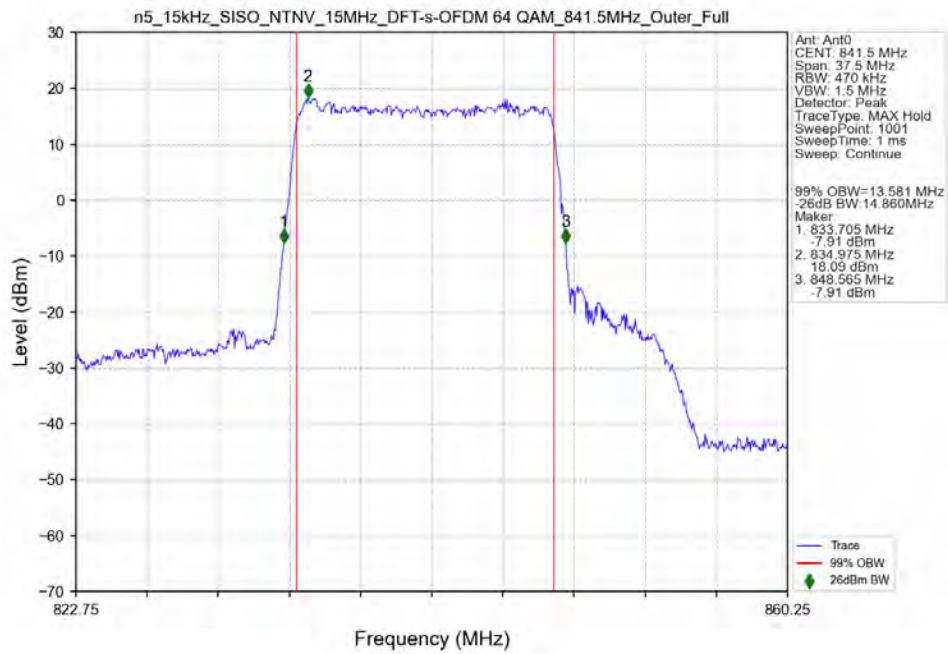
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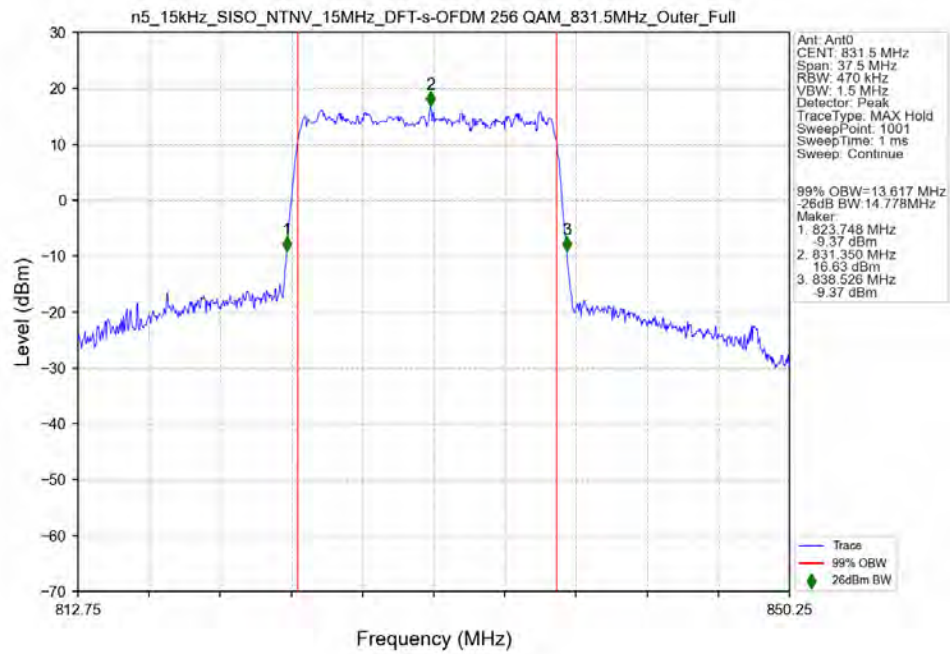
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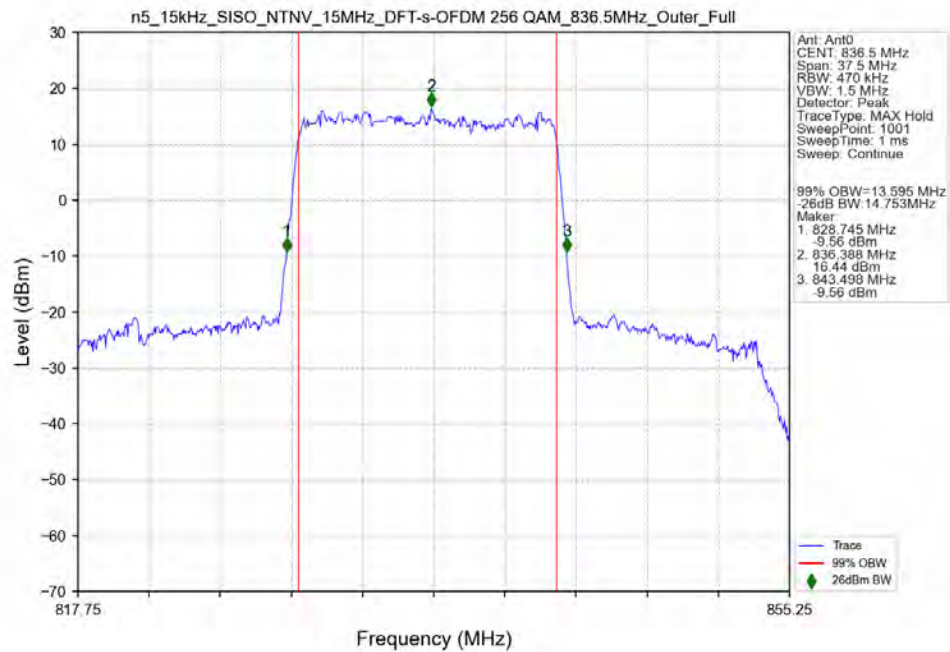
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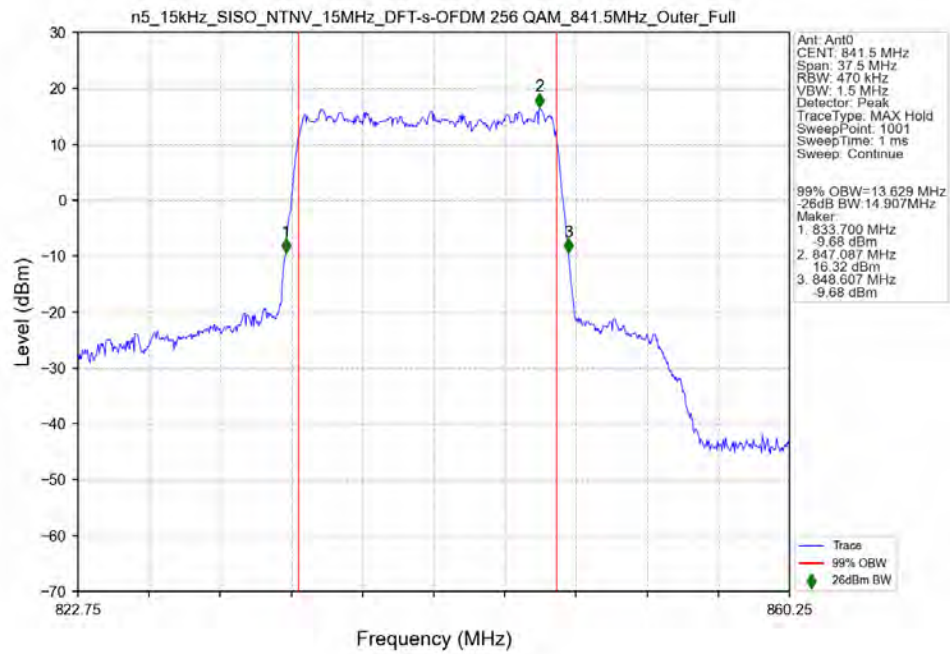
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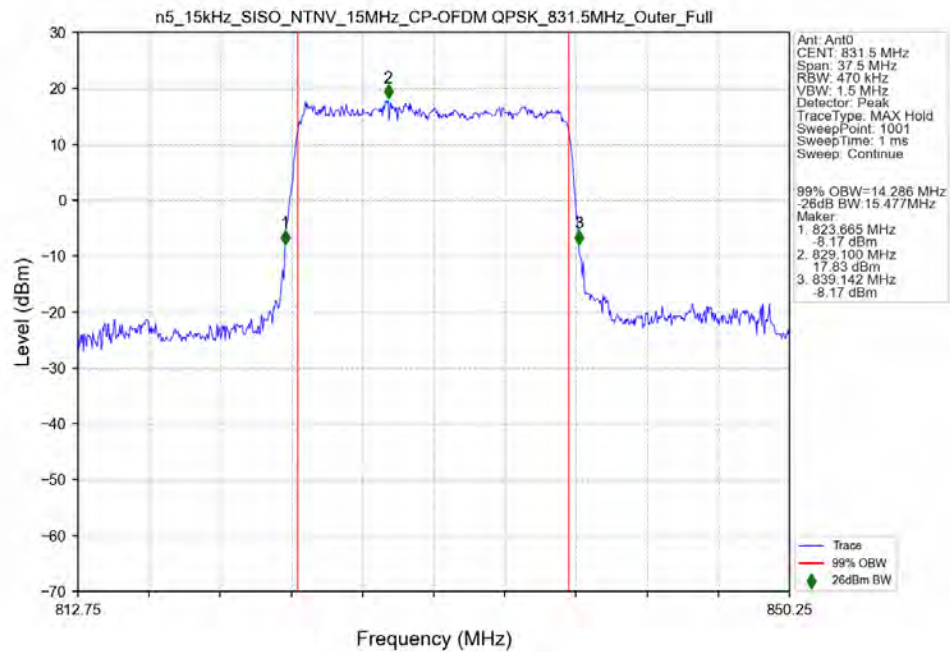
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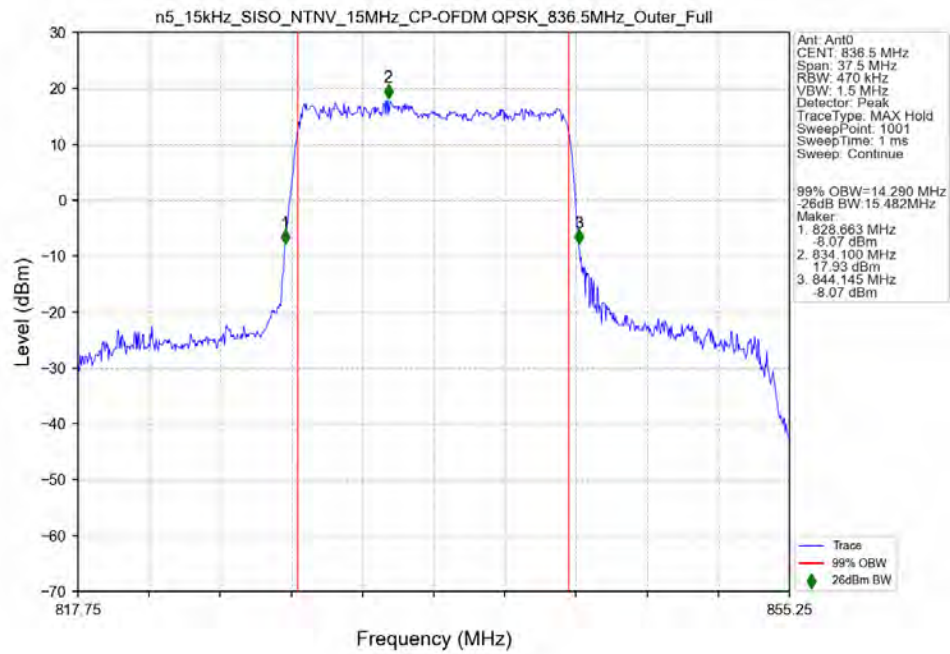
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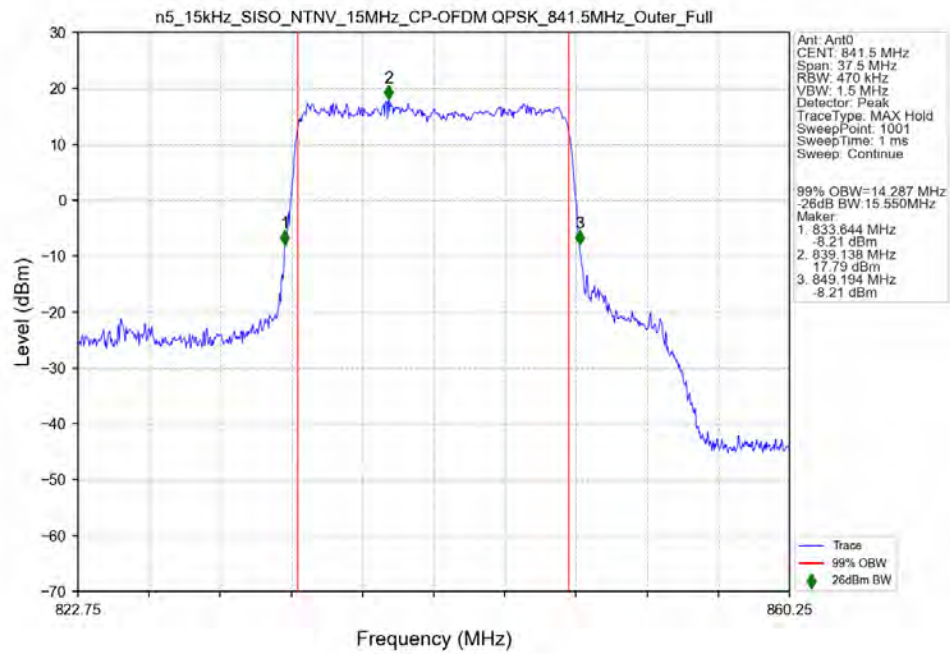
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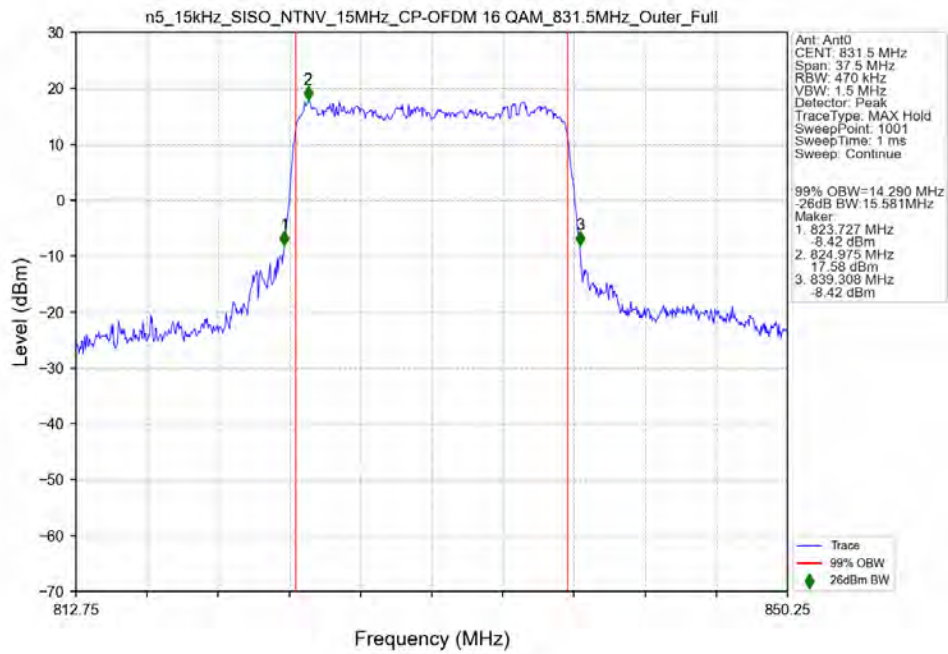
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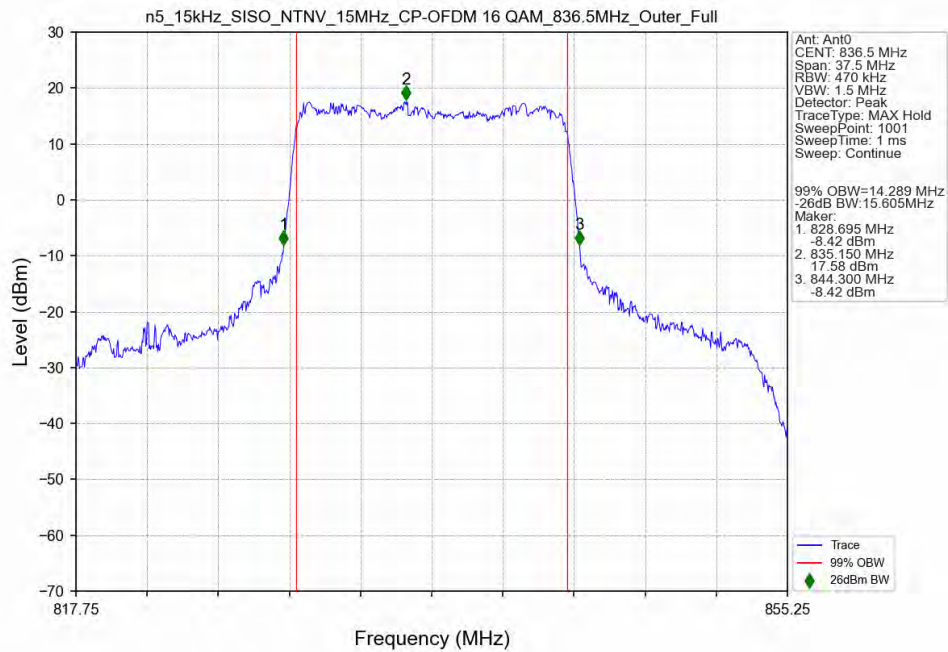
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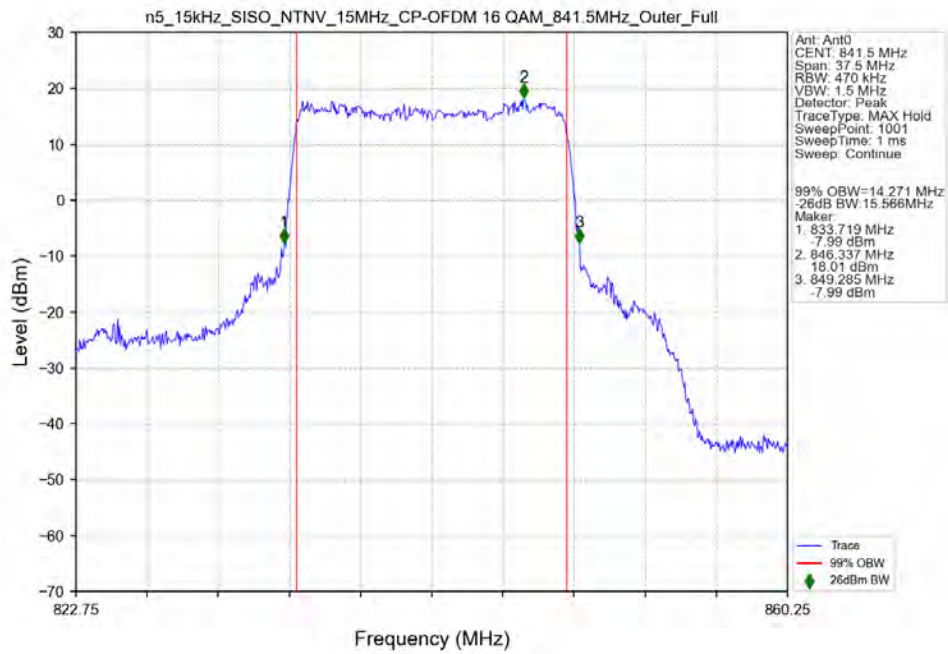
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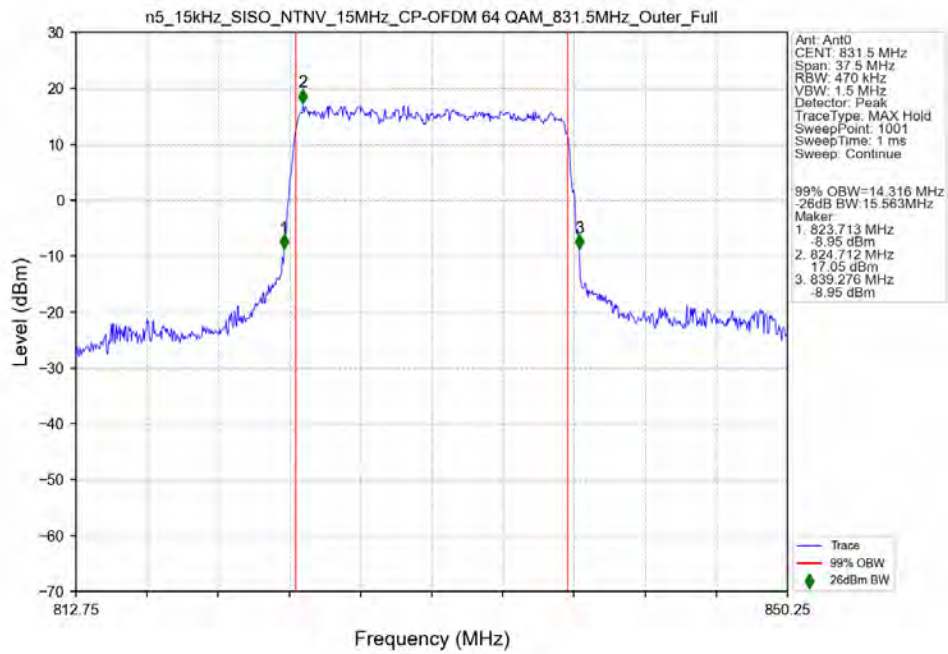
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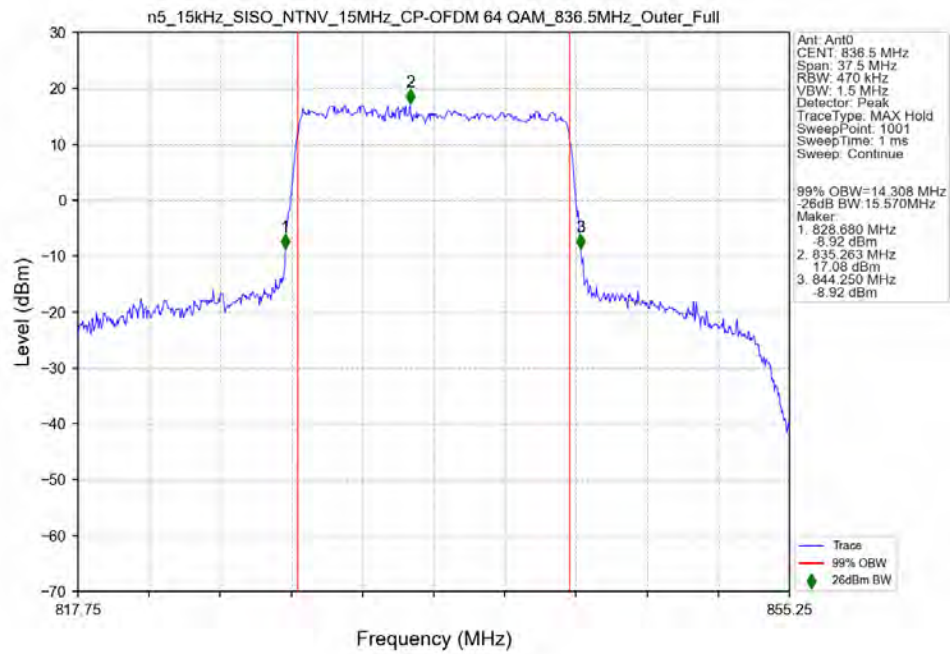
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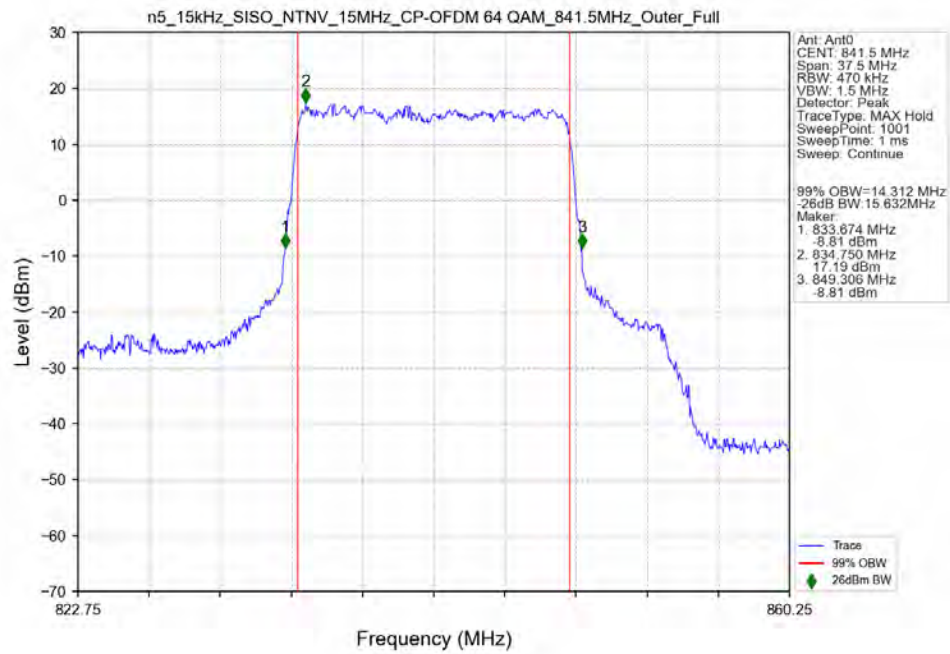
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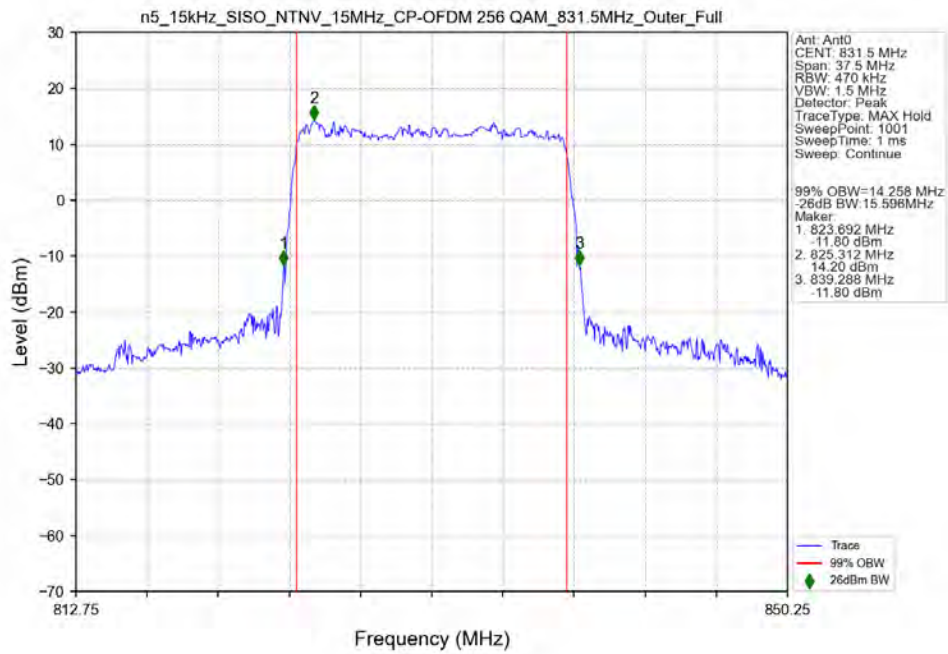
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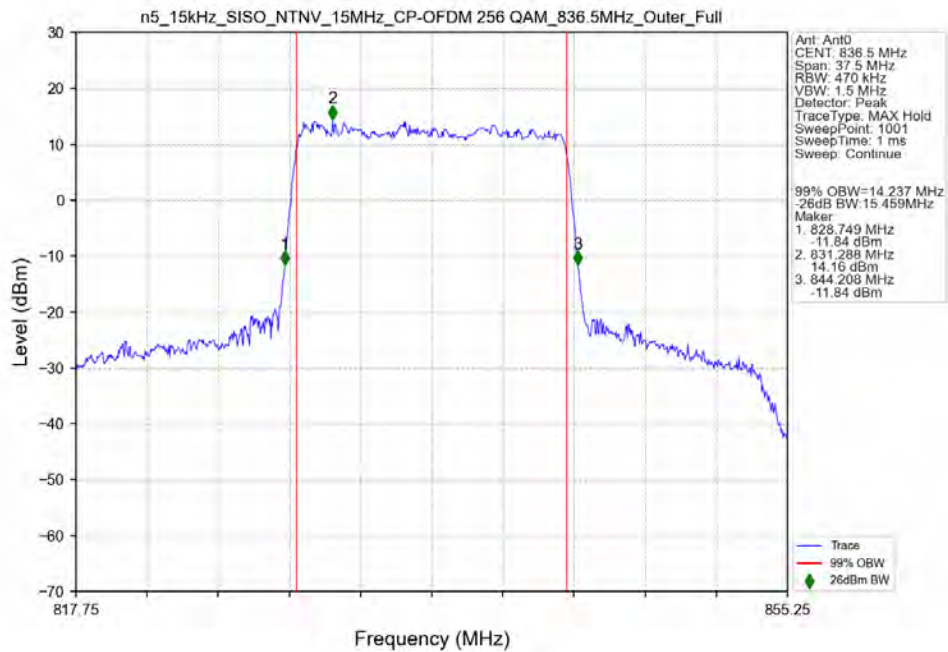
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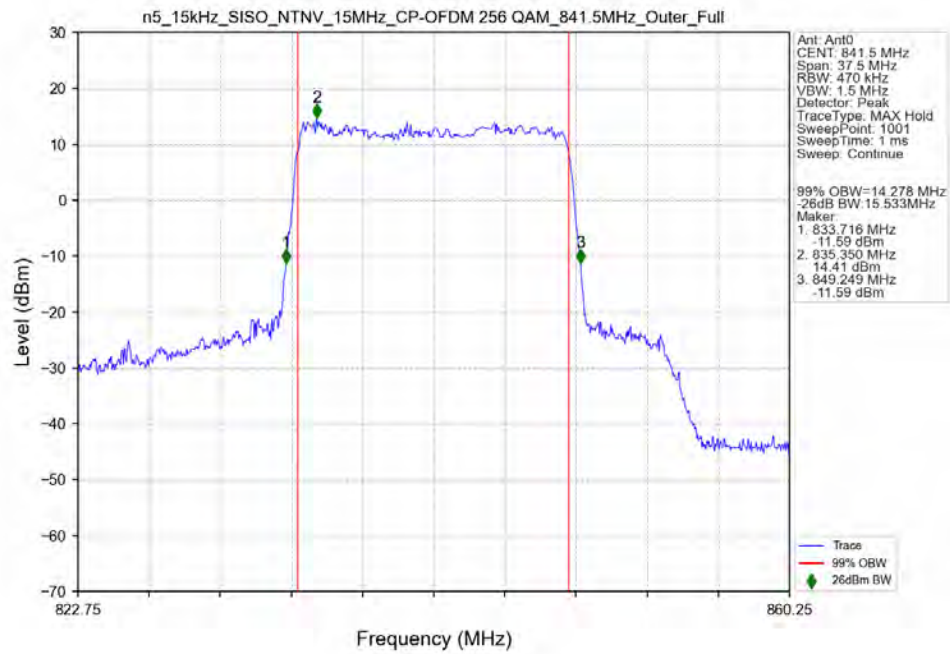
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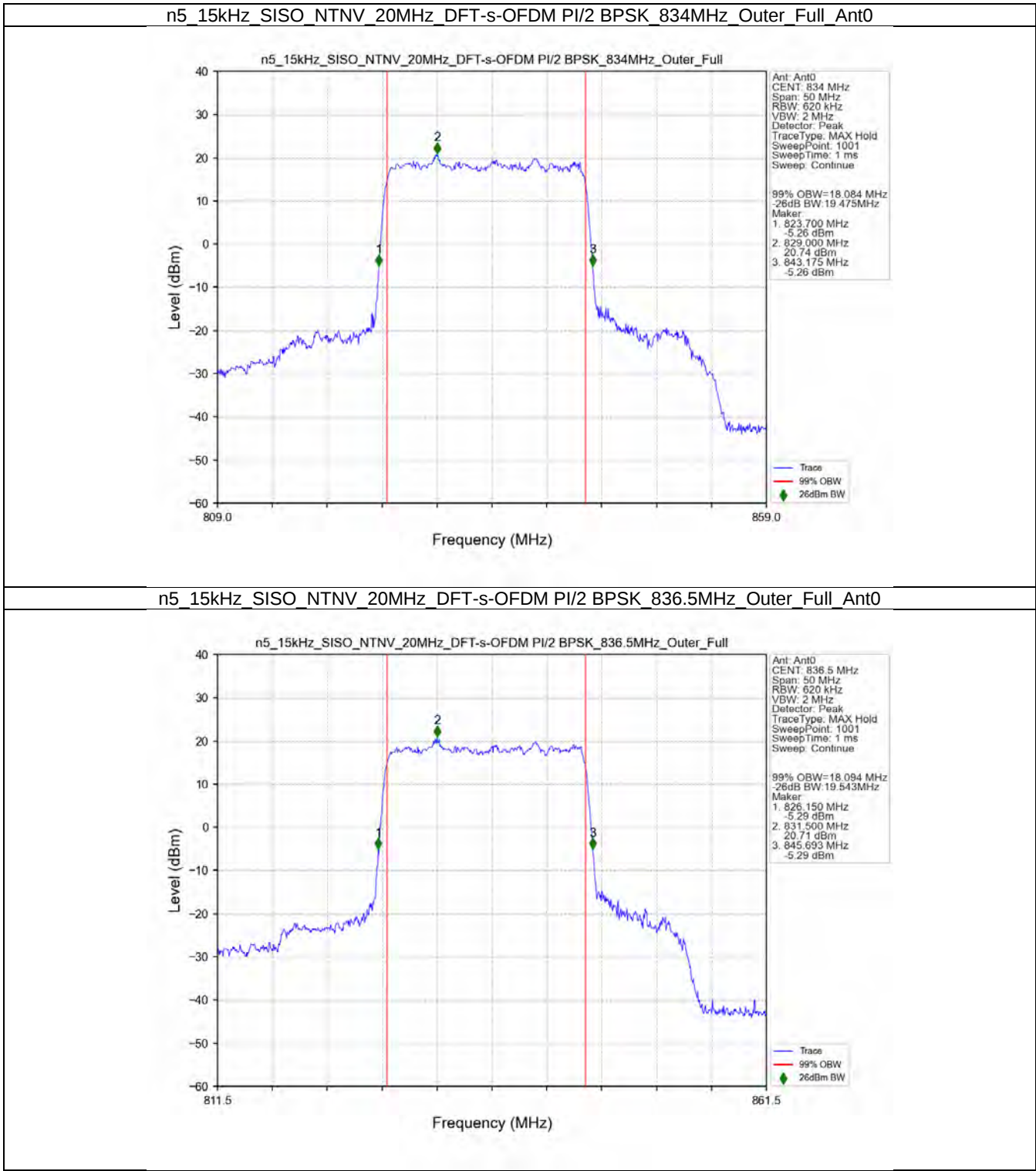
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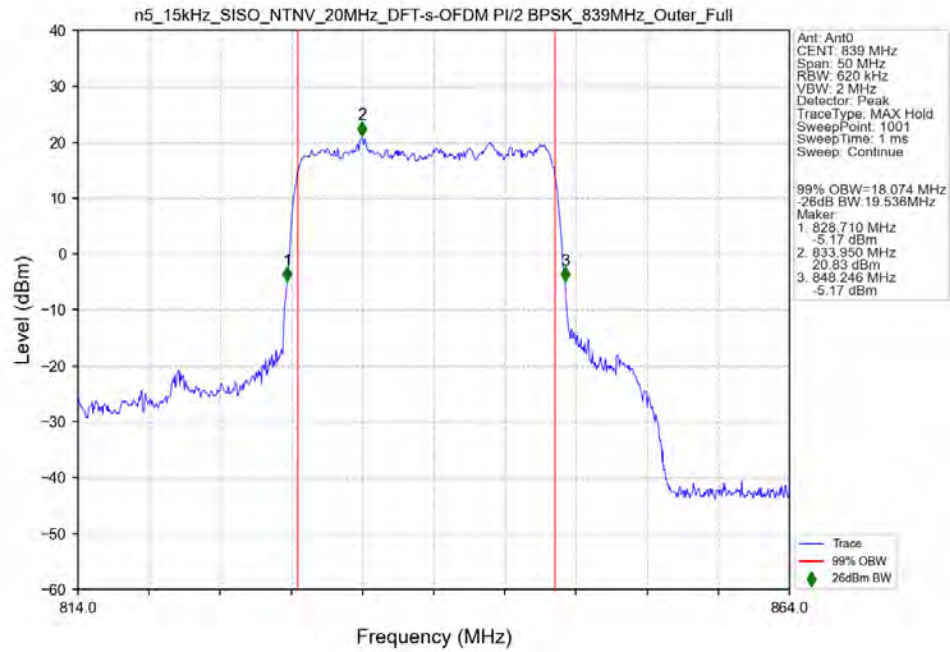
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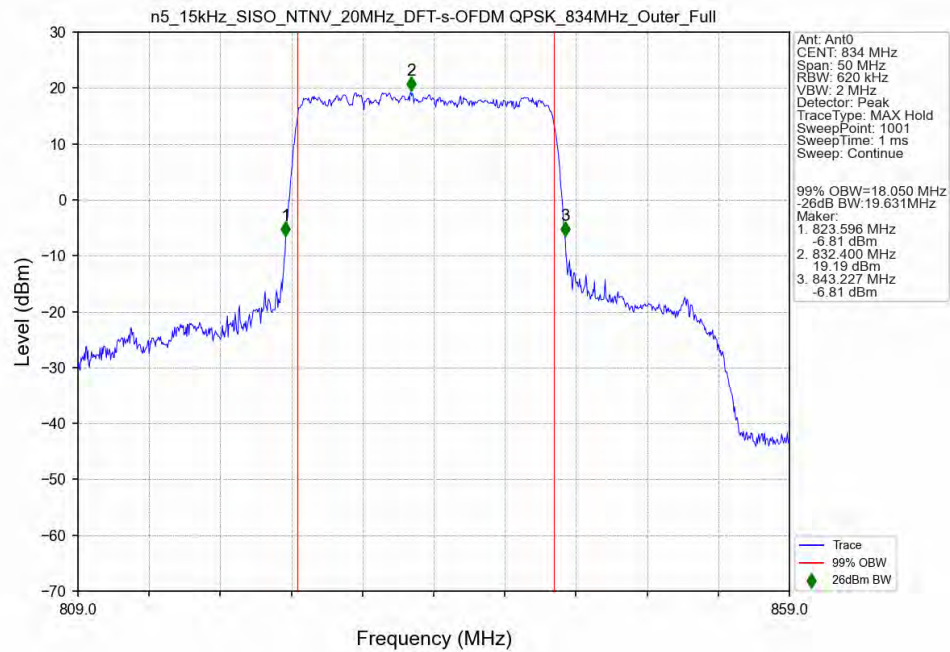
3.2.4 15k_SISO_20MHz_NTNV



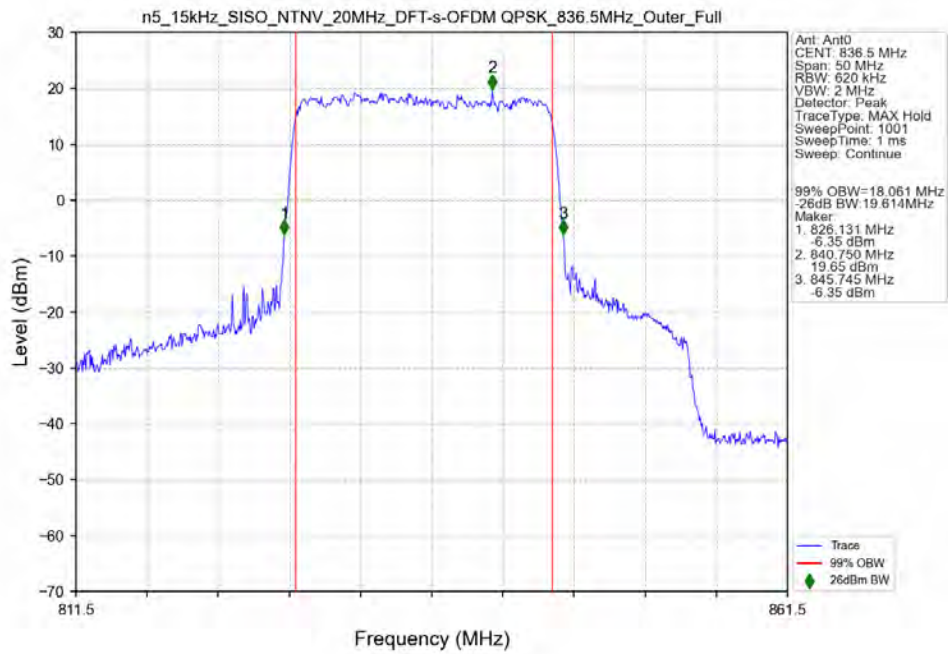
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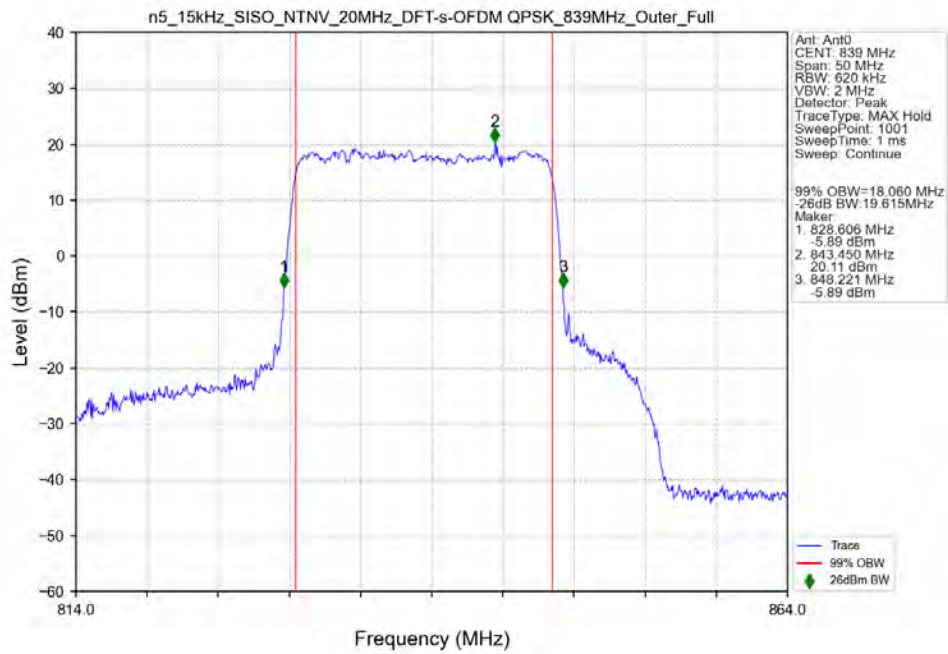
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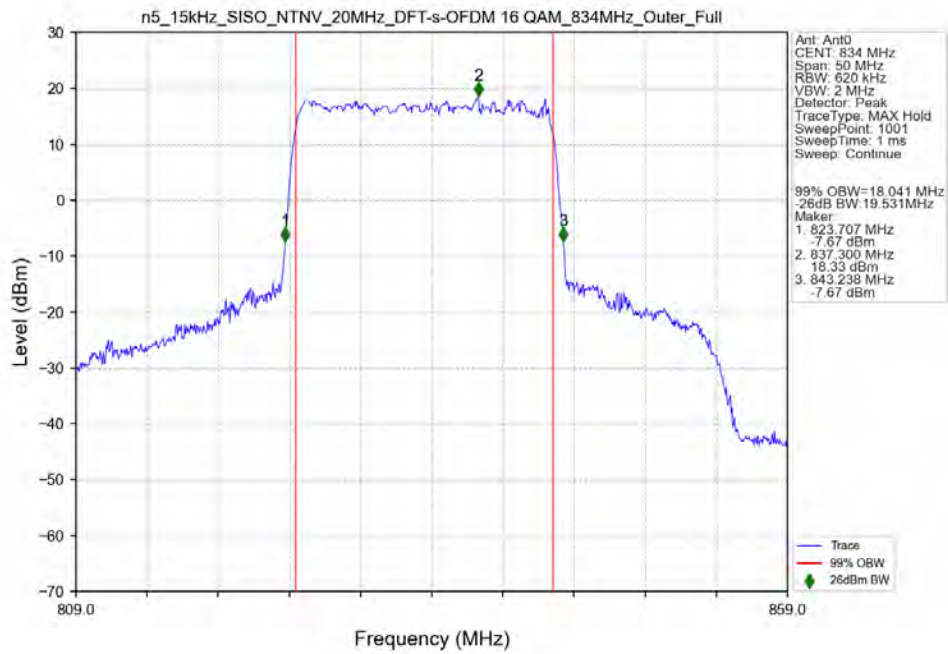
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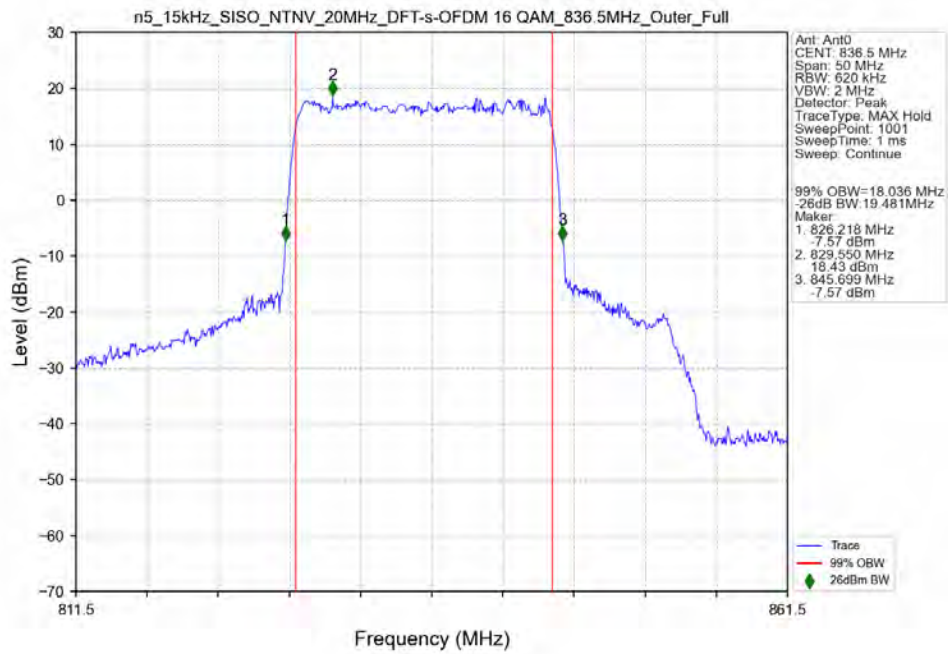
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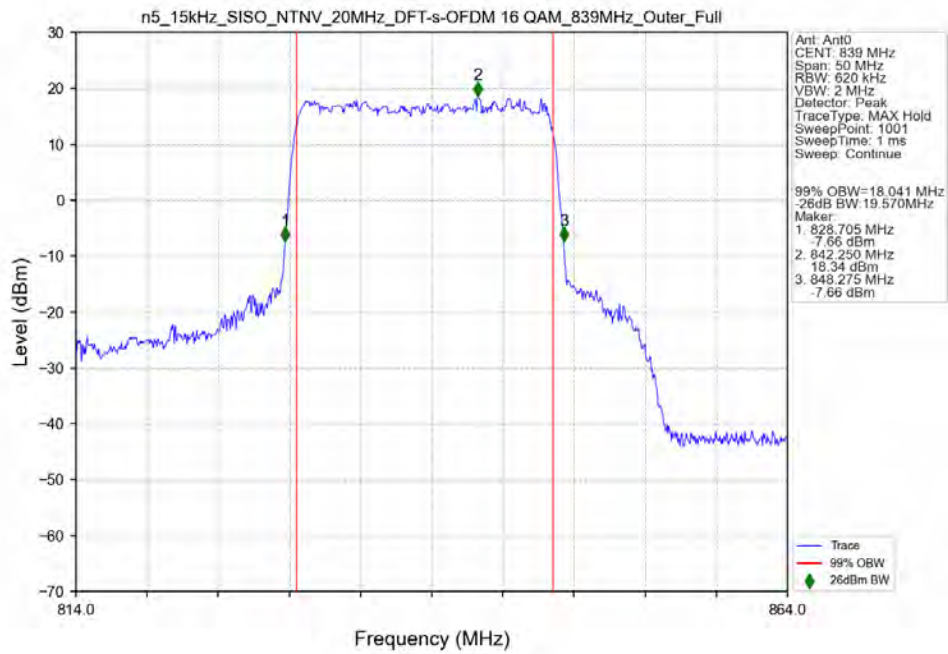
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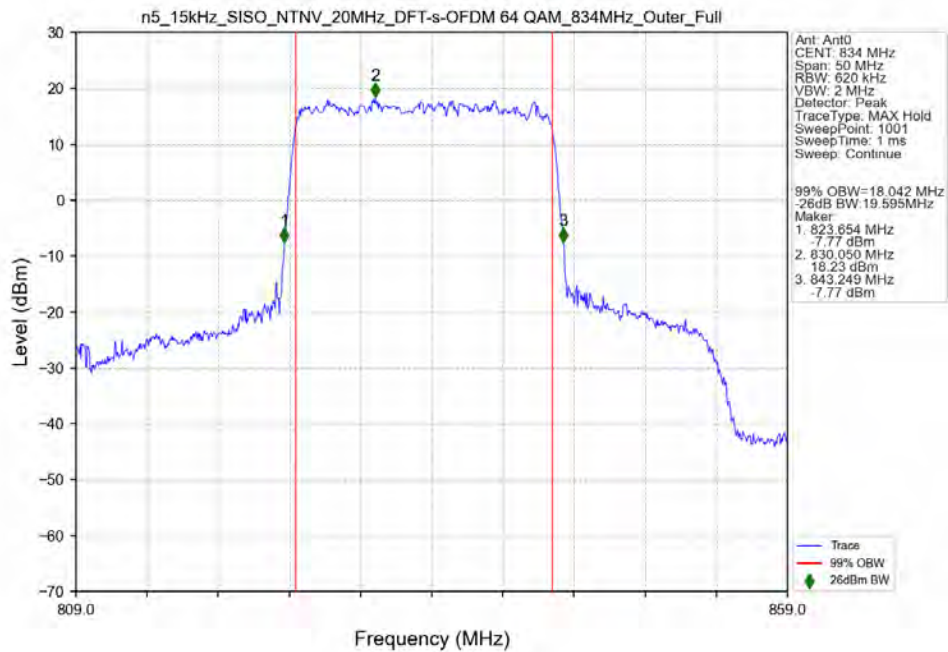
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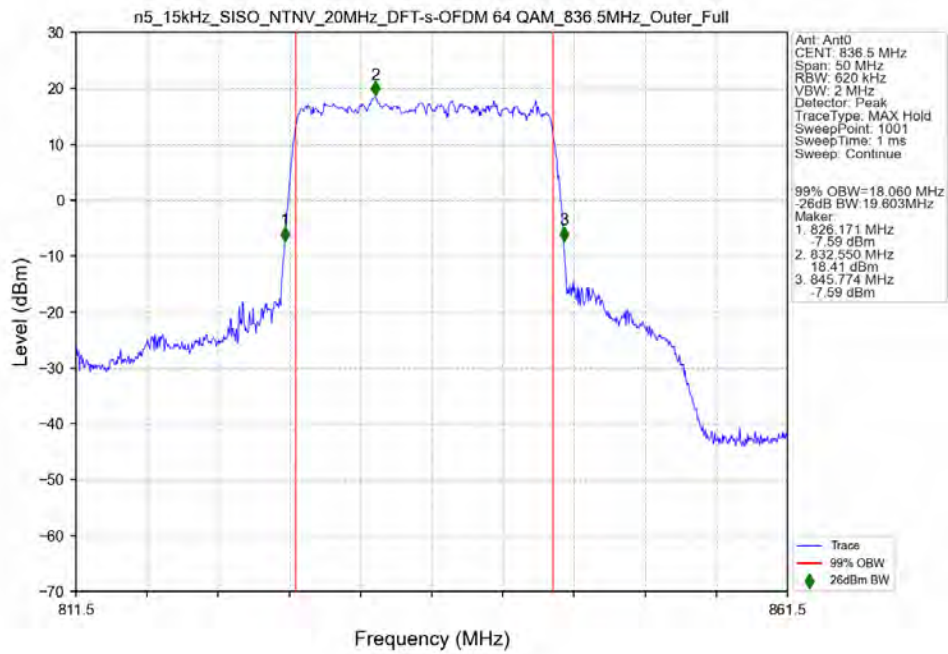
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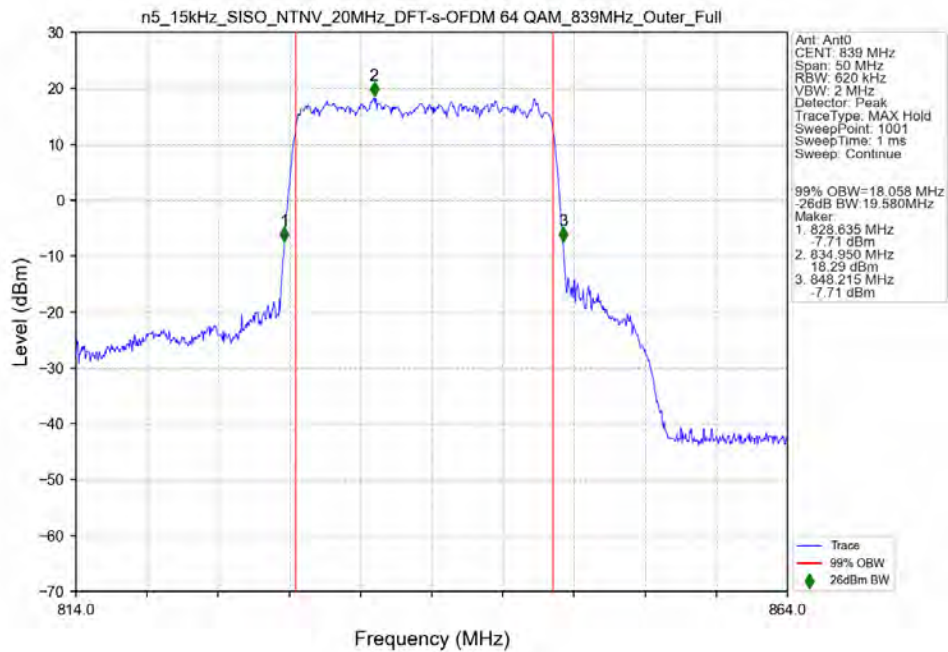
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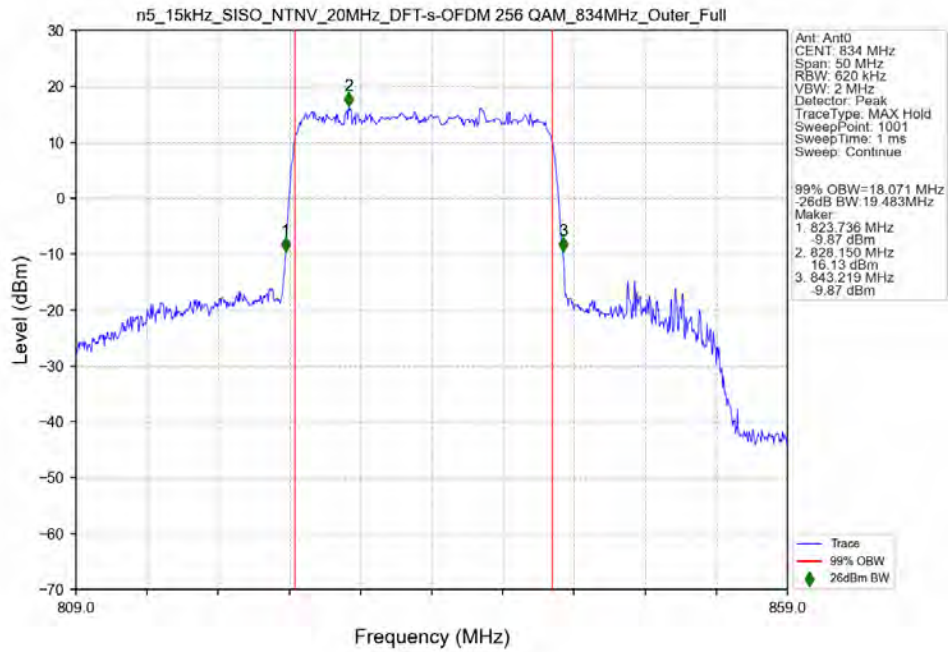
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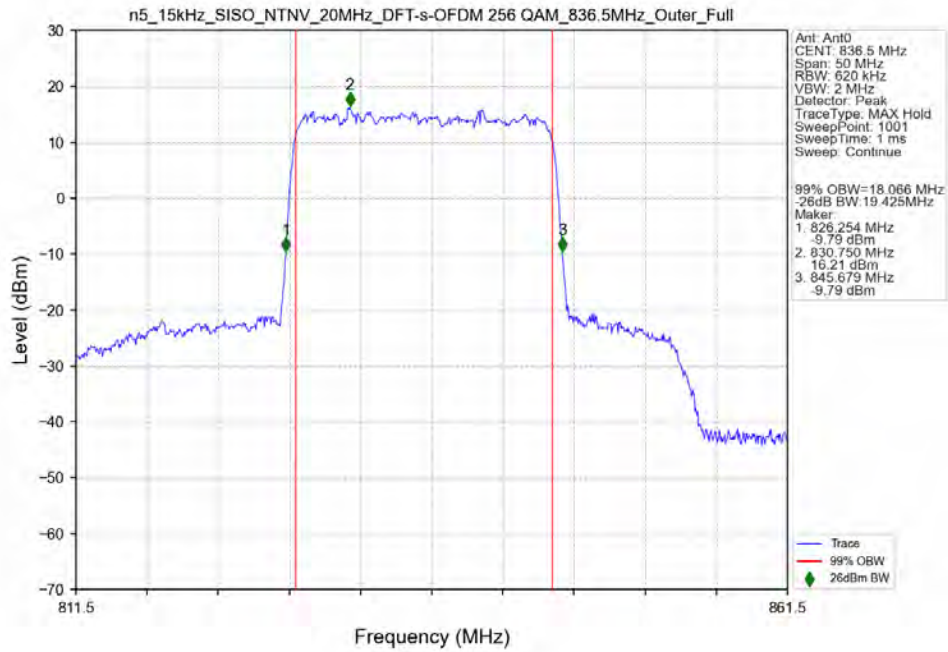
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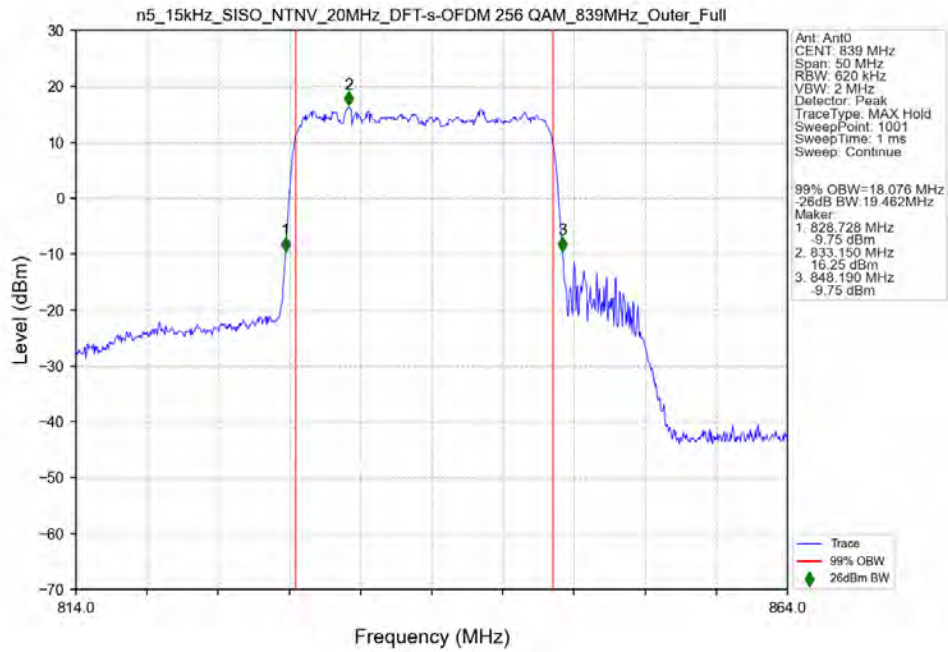
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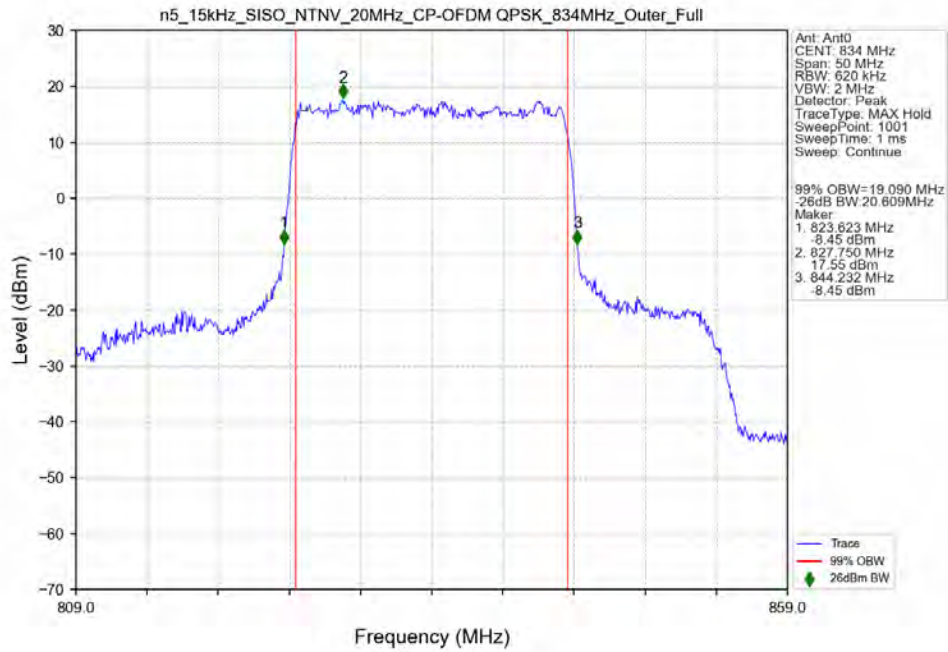
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



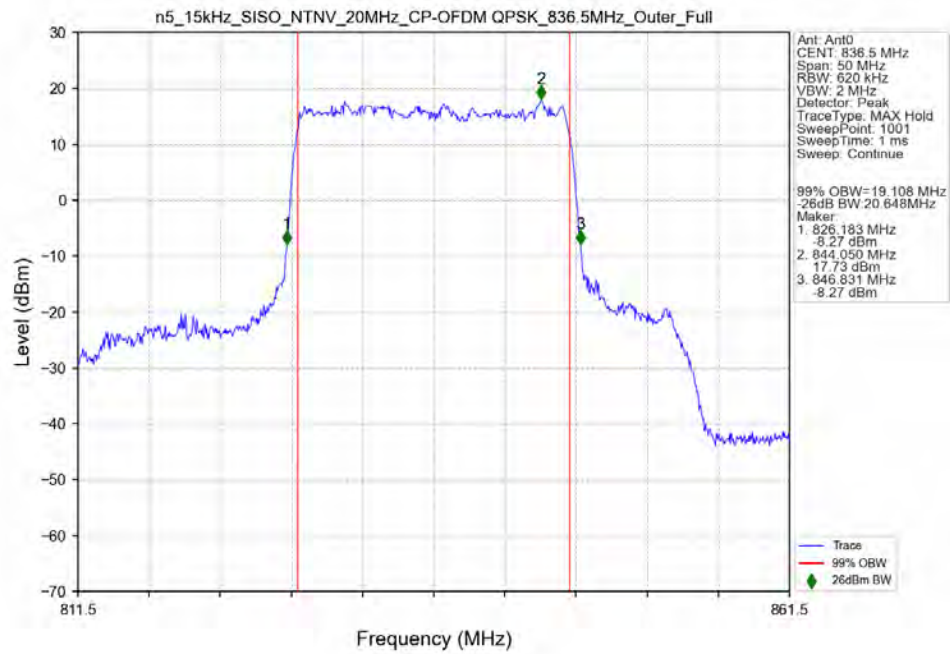
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_839MHz_Outer_Full_Ant0



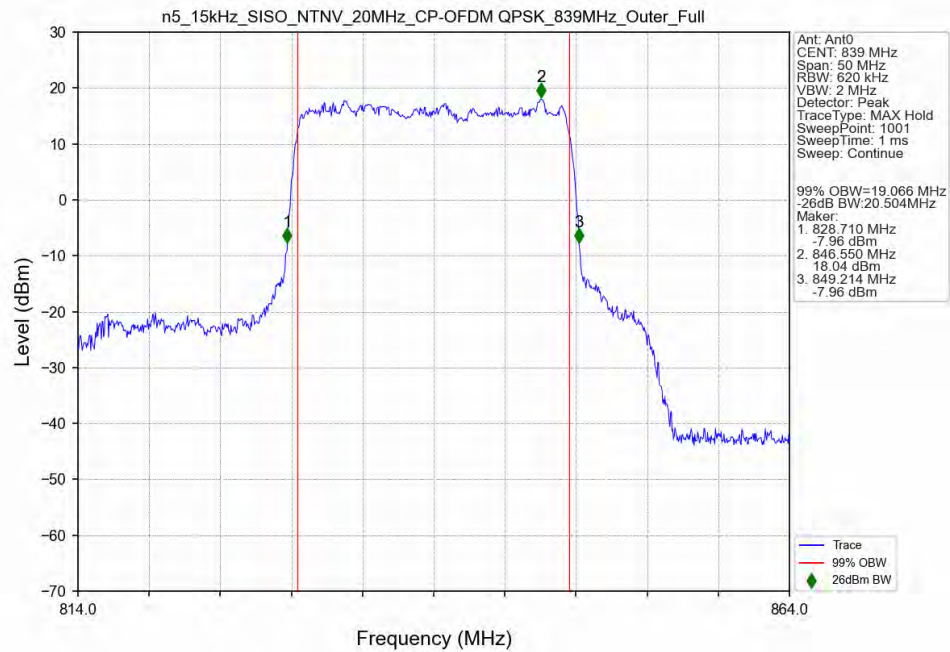
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant0



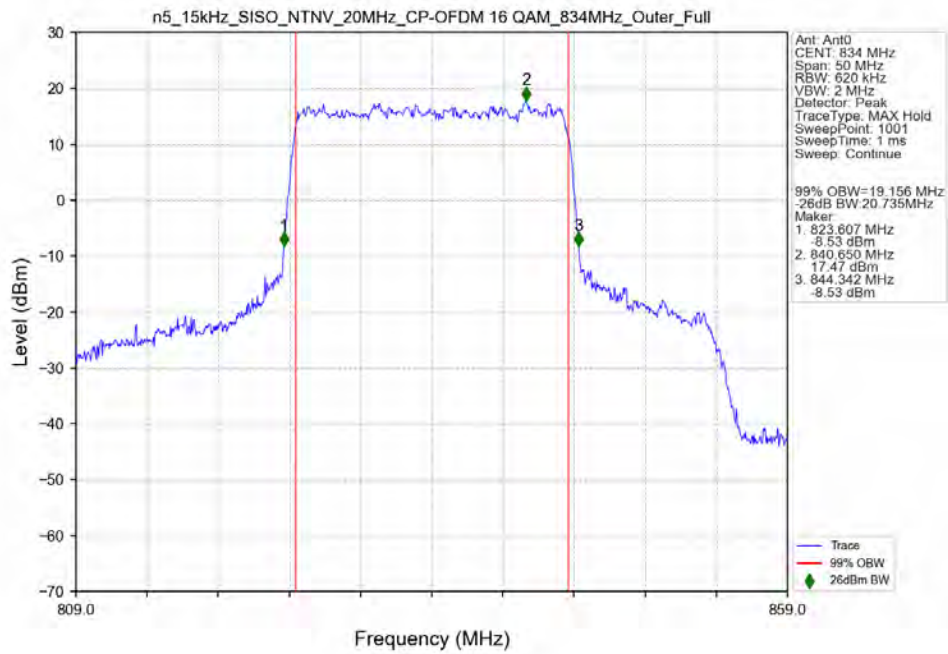
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



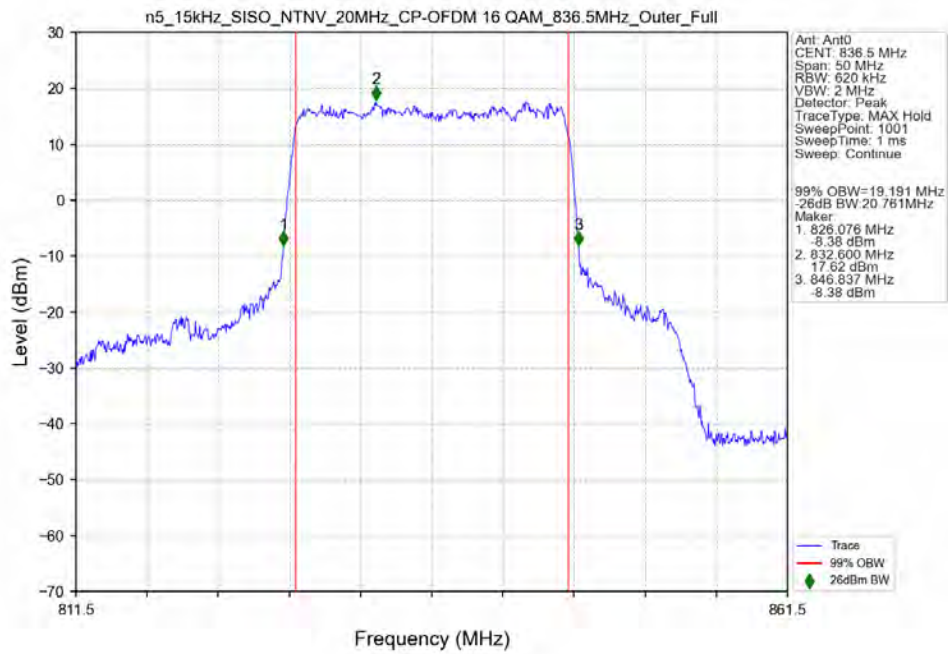
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant0



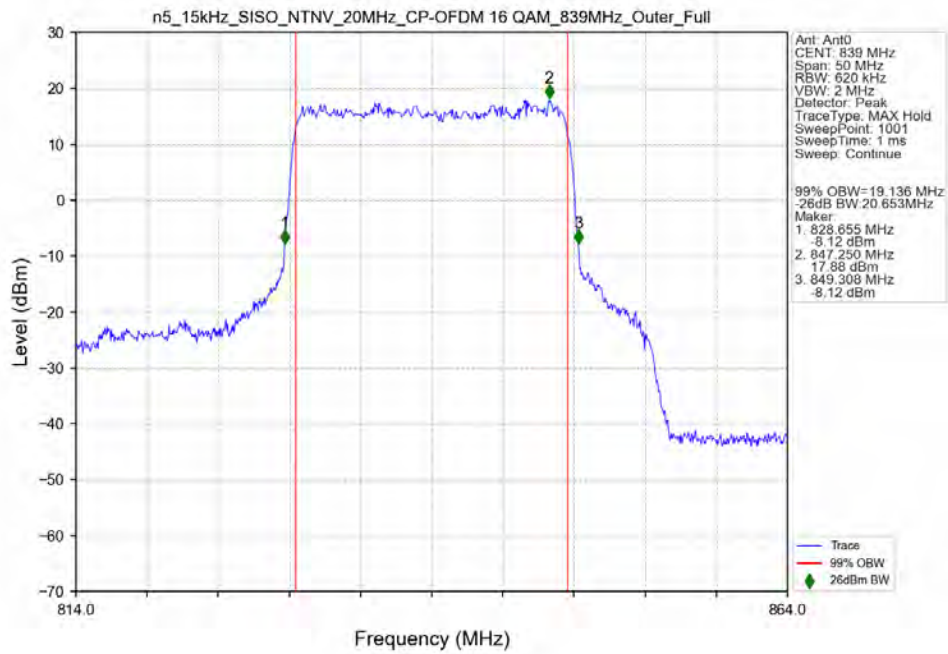
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_834MHz_Outer_Full_Ant0



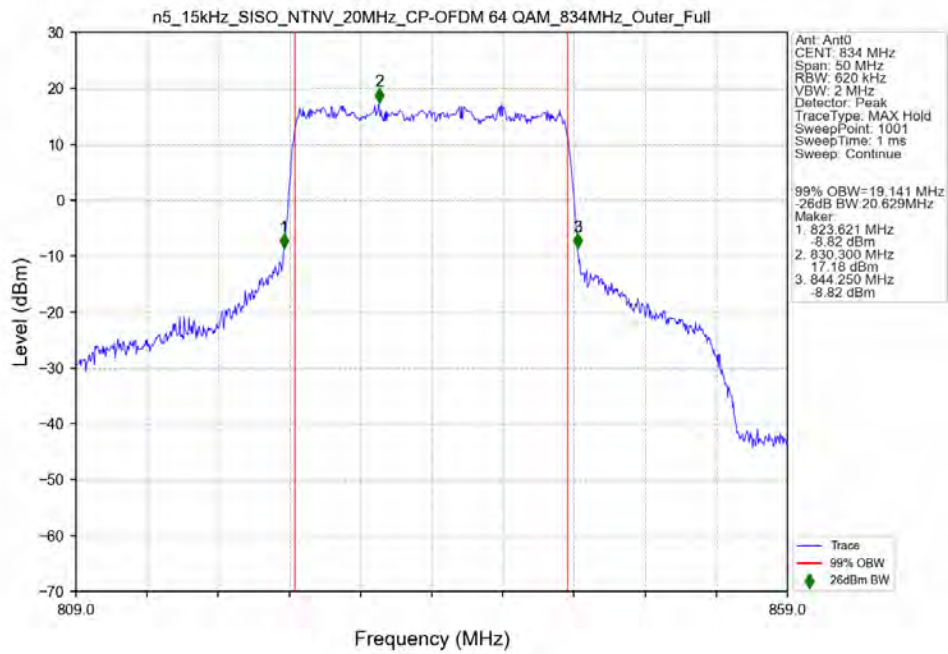
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_836.5MHz_Outer_Full_Ant0



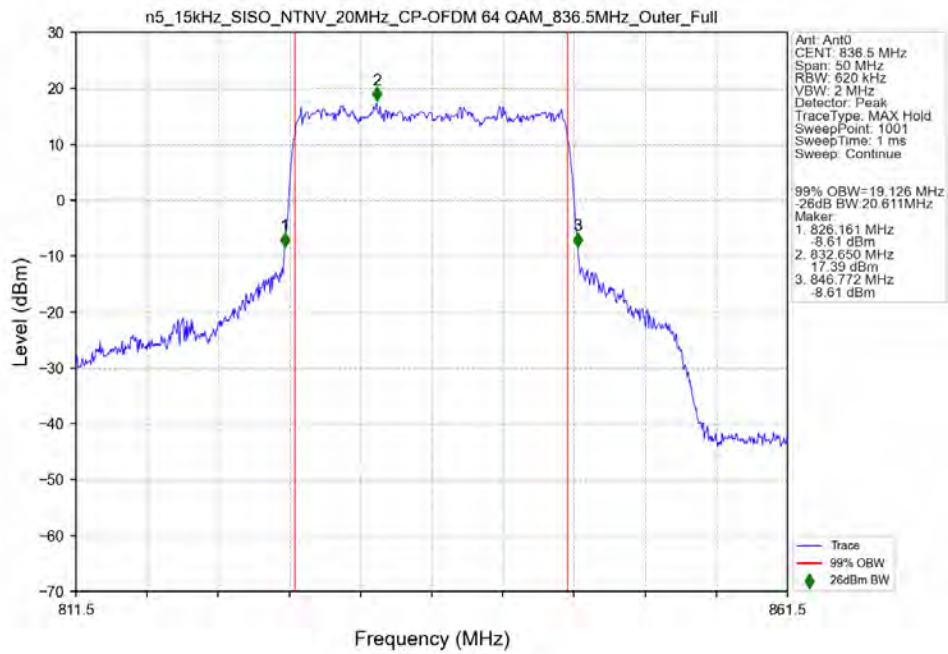
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 839MHz_Outer_Full_Ant0



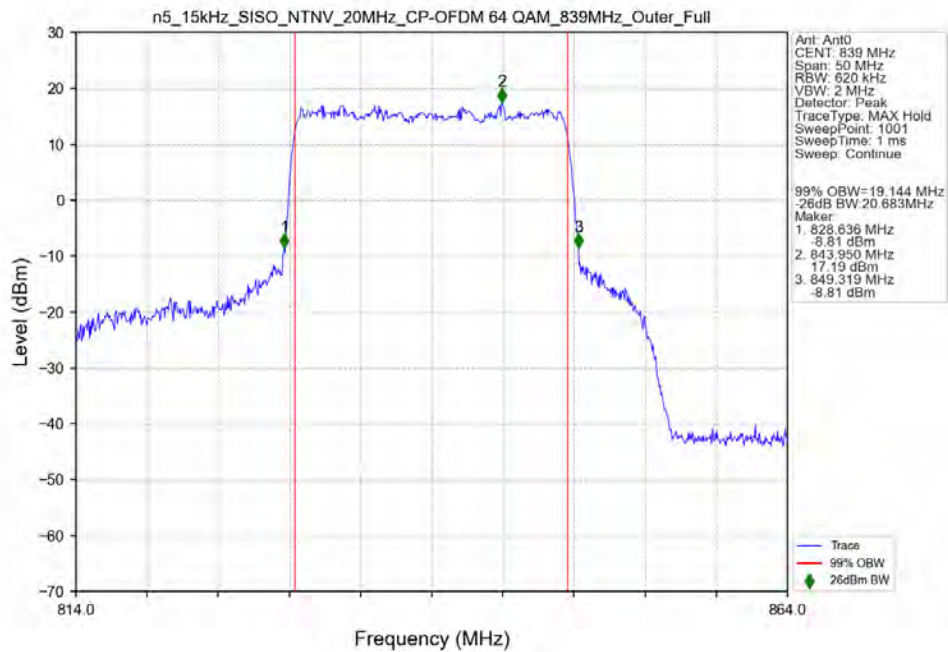
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 834MHz_Outer_Full_Ant0



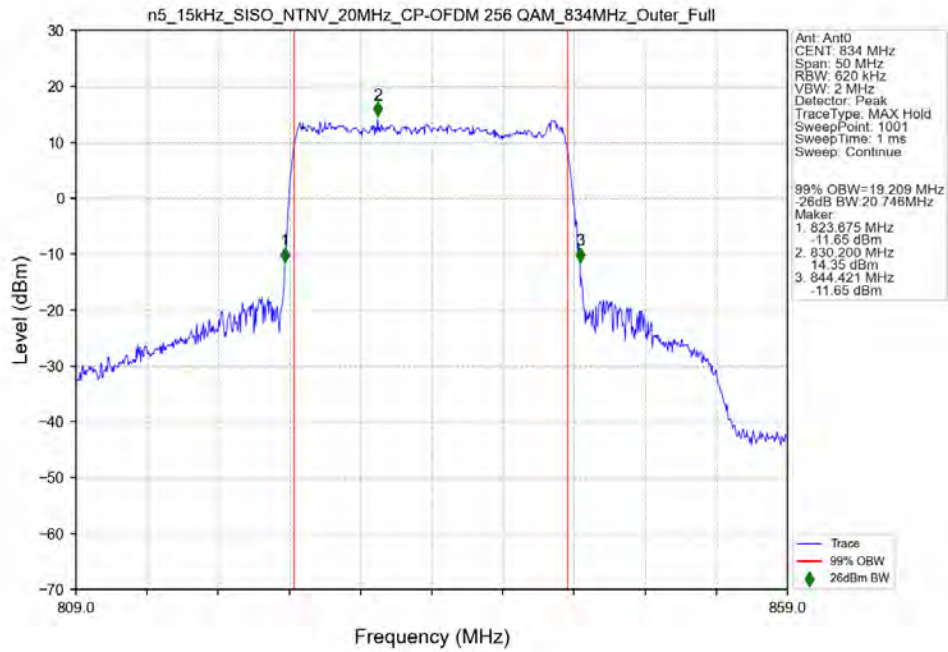
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_836.5MHz_Outer_Full_Ant0



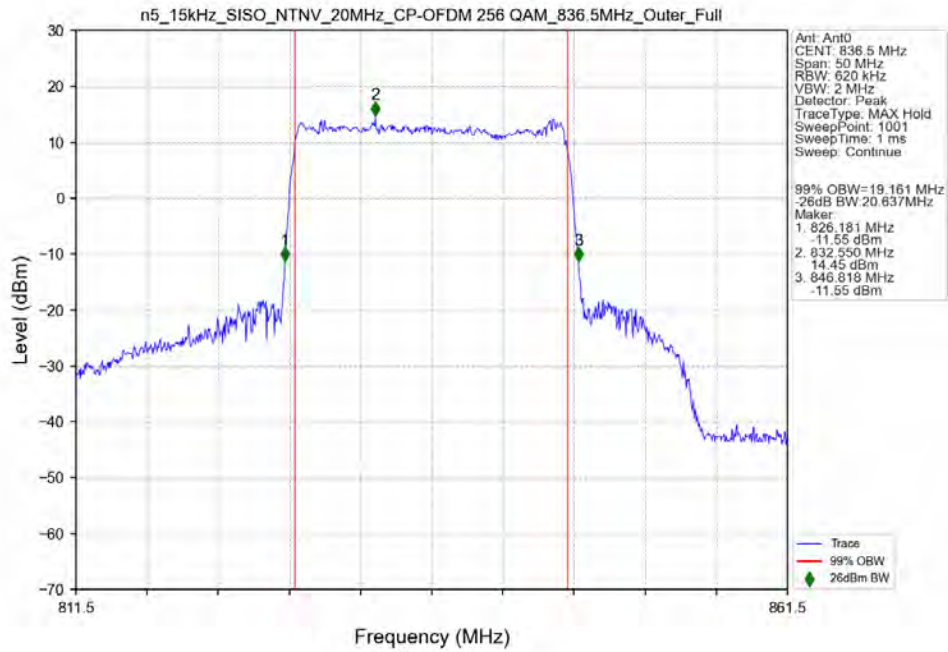
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_839MHz_Outer_Full_Ant0



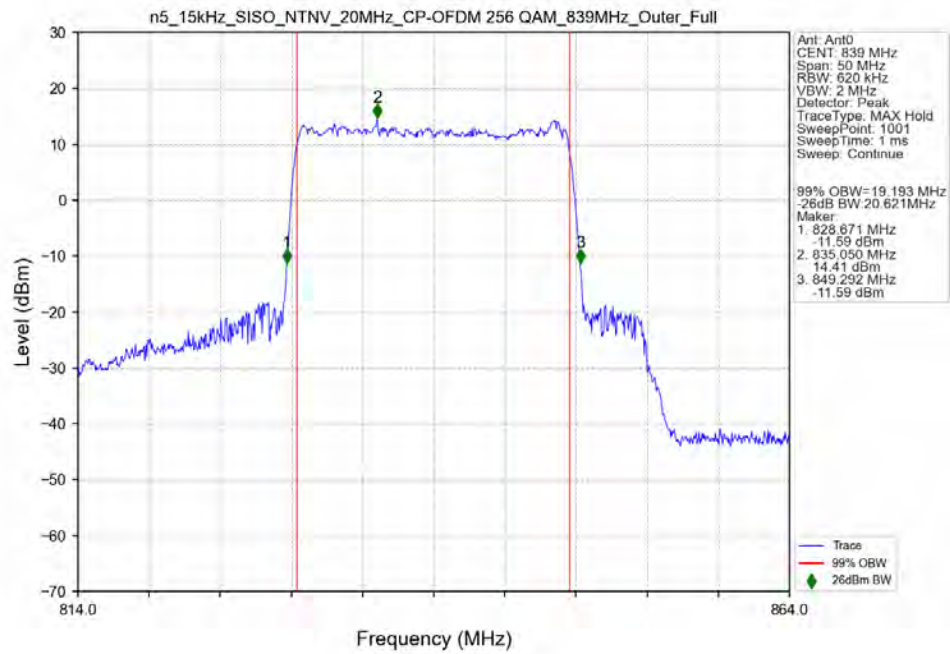
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_834MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_839MHz_Outer_Full_Ant0



4. Peak-Average Ratio

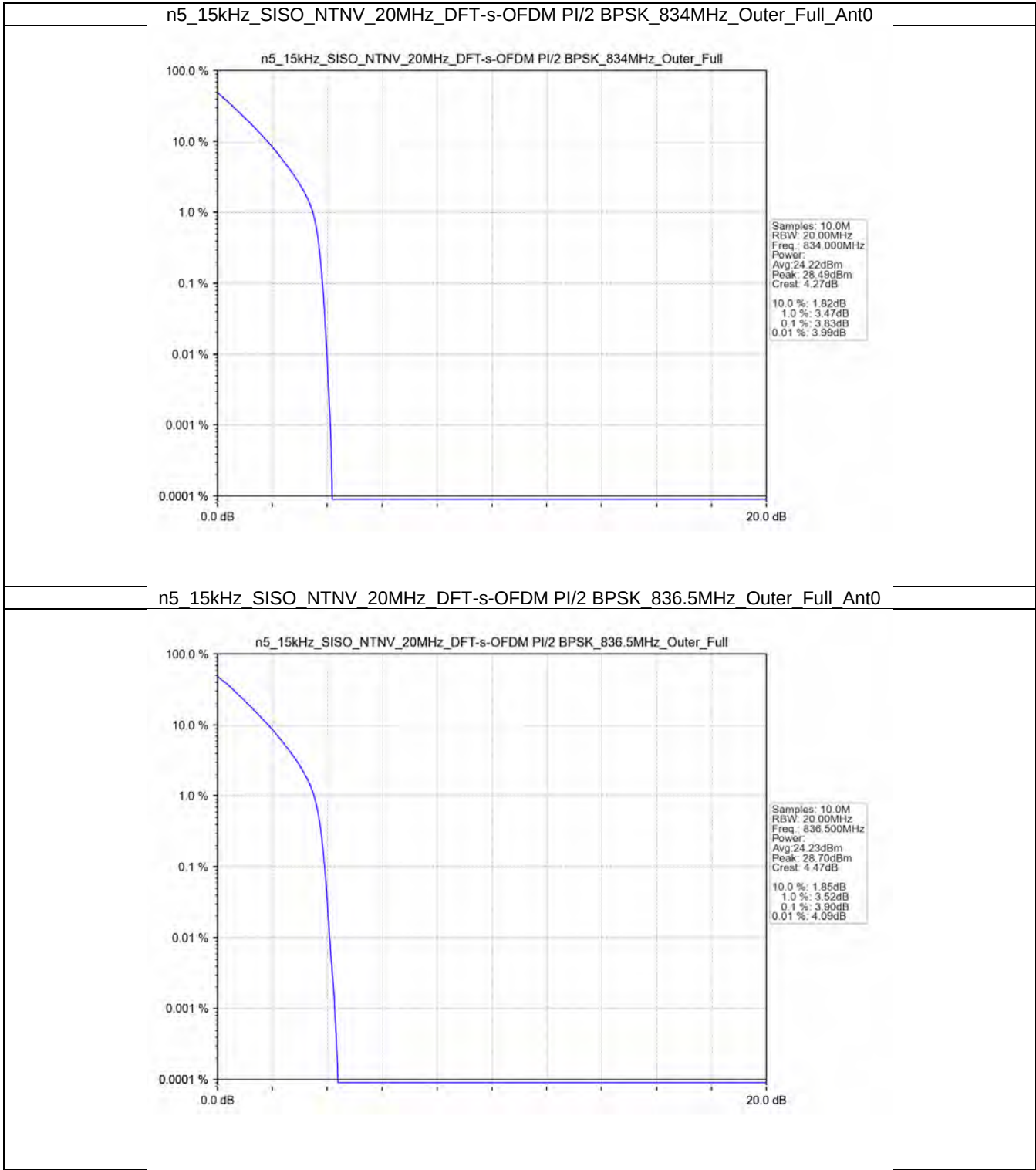
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

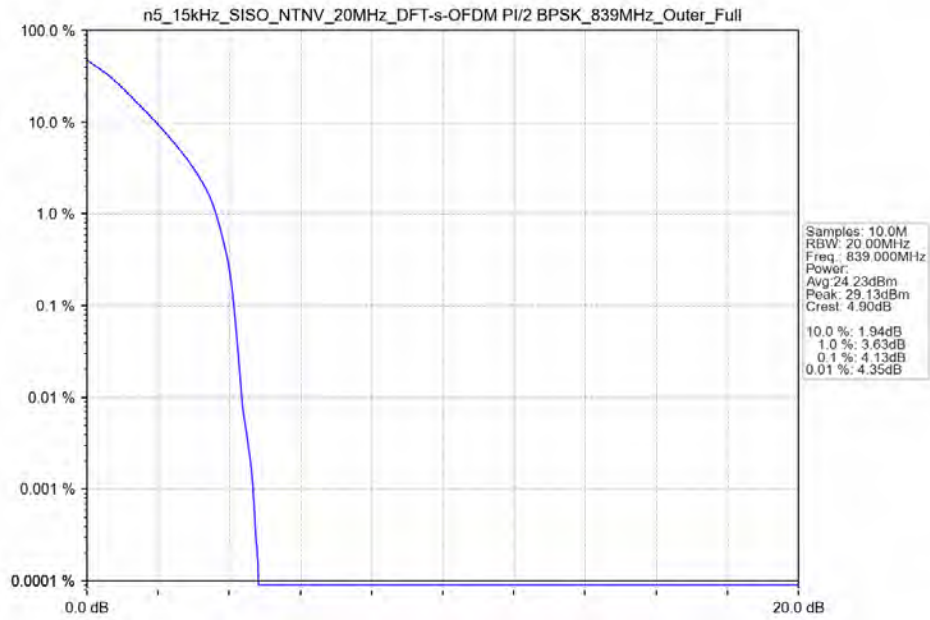
5G NR n5 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Outer_Full	3.83	/	/	<=13	Pass
	836.5	Outer_Full	3.90	/	/	<=13	Pass
	839	Outer_Full	4.13	/	/	<=13	Pass
DFT-s-OFDM QPSK	834	Outer_Full	5.04	/	/	<=13	Pass
	836.5	Outer_Full	5.13	/	/	<=13	Pass
	839	Outer_Full	5.28	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	834	Outer_Full	5.96	/	/	<=13	Pass
	836.5	Outer_Full	5.98	/	/	<=13	Pass
	839	Outer_Full	6.08	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	834	Outer_Full	6.15	/	/	<=13	Pass
	836.5	Outer_Full	6.16	/	/	<=13	Pass
	839	Outer_Full	6.24	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	834	Outer_Full	6.84	/	/	<=13	Pass
	836.5	Outer_Full	6.87	/	/	<=13	Pass
	839	Outer_Full	6.79	/	/	<=13	Pass
CP-OFDM QPSK	834	Outer_Full	6.75	/	/	<=13	Pass
	836.5	Outer_Full	6.83	/	/	<=13	Pass
	839	Outer_Full	6.98	/	/	<=13	Pass
CP-OFDM 16 QAM	834	Outer_Full	6.78	/	/	<=13	Pass
	836.5	Outer_Full	6.88	/	/	<=13	Pass
	839	Outer_Full	7.02	/	/	<=13	Pass
CP-OFDM 64 QAM	834	Outer_Full	6.95	/	/	<=13	Pass
	836.5	Outer_Full	6.99	/	/	<=13	Pass
	839	Outer_Full	7.20	/	/	<=13	Pass
CP-OFDM 256 QAM	834	Outer_Full	8.31	/	/	<=13	Pass
	836.5	Outer_Full	8.29	/	/	<=13	Pass
	839	Outer_Full	8.30	/	/	<=13	Pass

4.2 Test Graph

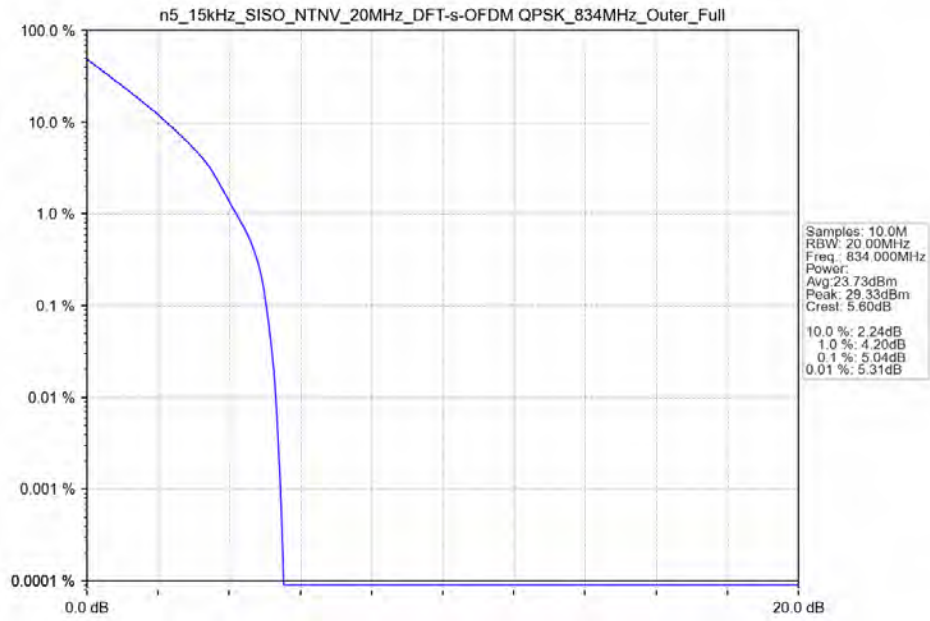
4.2.1 15k_SISO_20MHz_NTNV



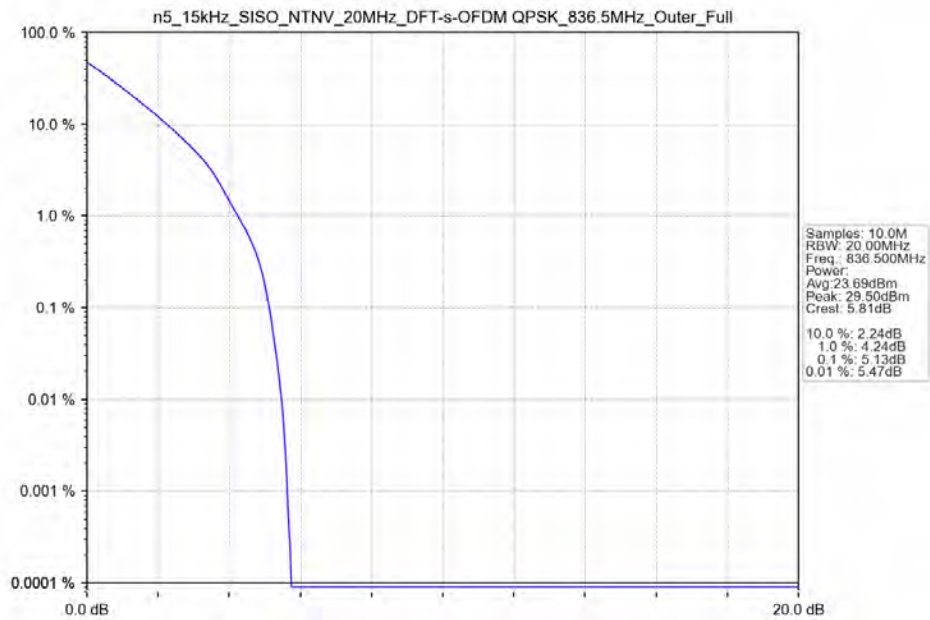
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full_Ant0



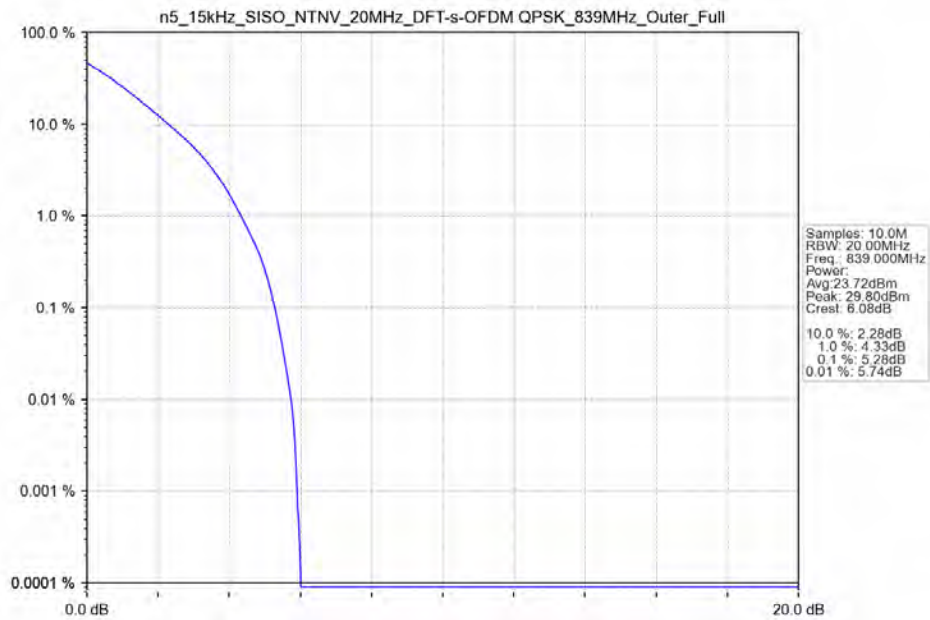
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full_Ant0



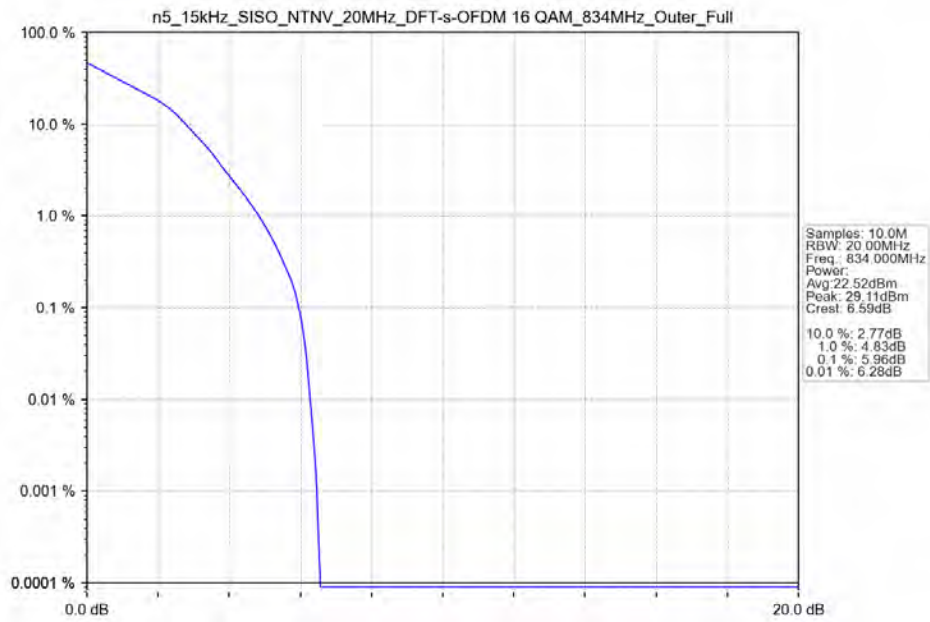
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



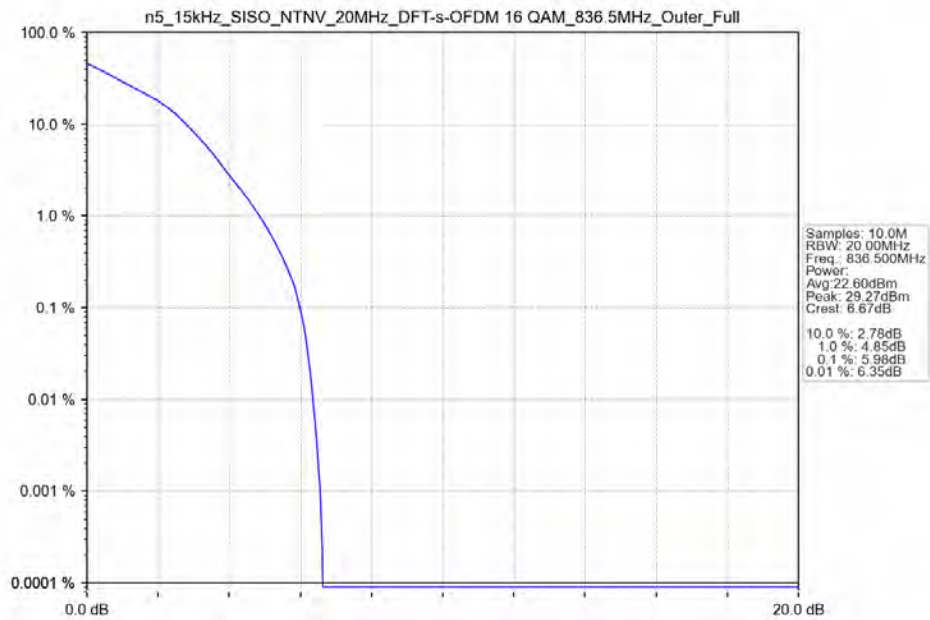
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full_Ant0



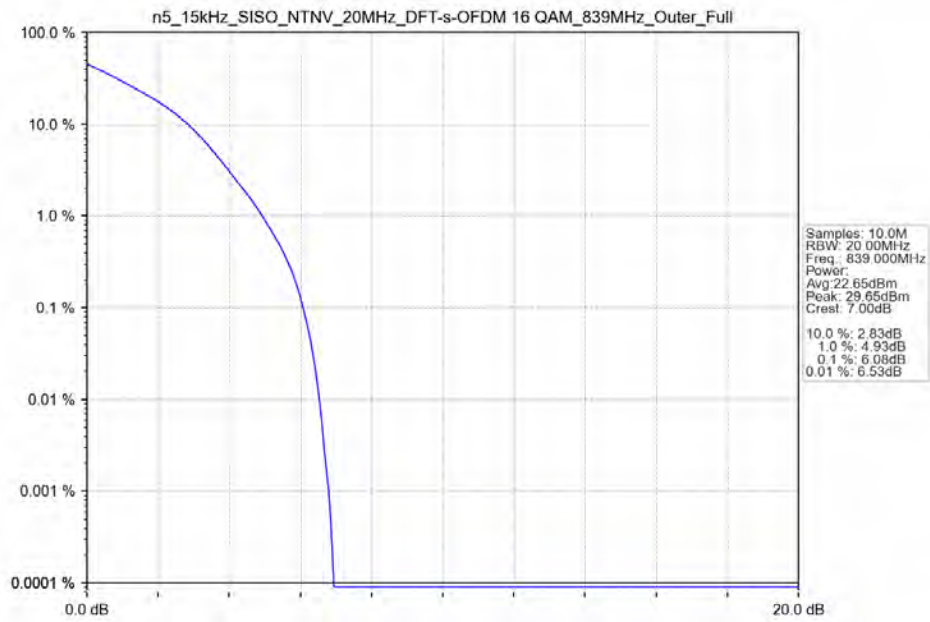
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_834MHz_Outer_Full_Ant0



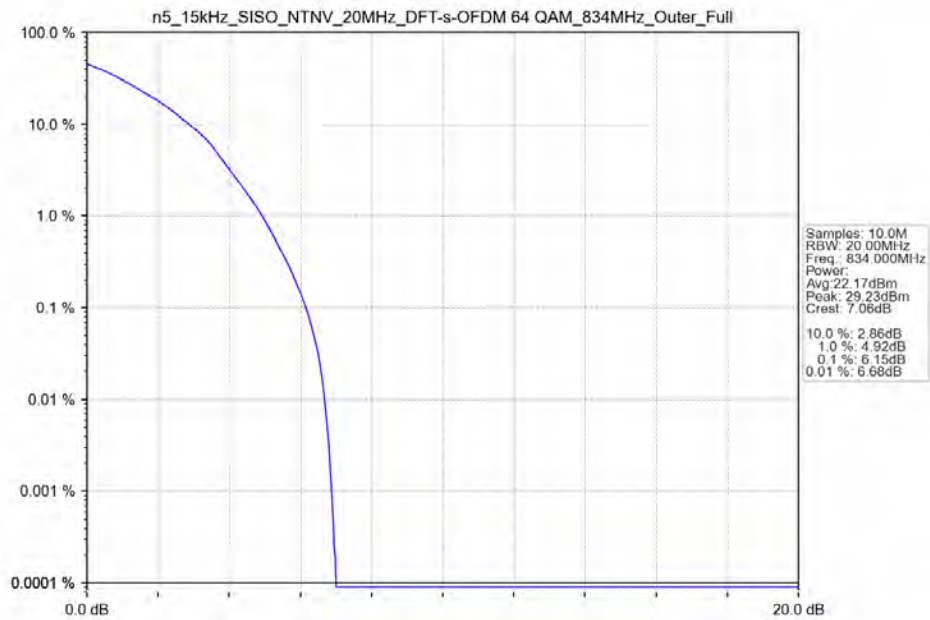
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant0



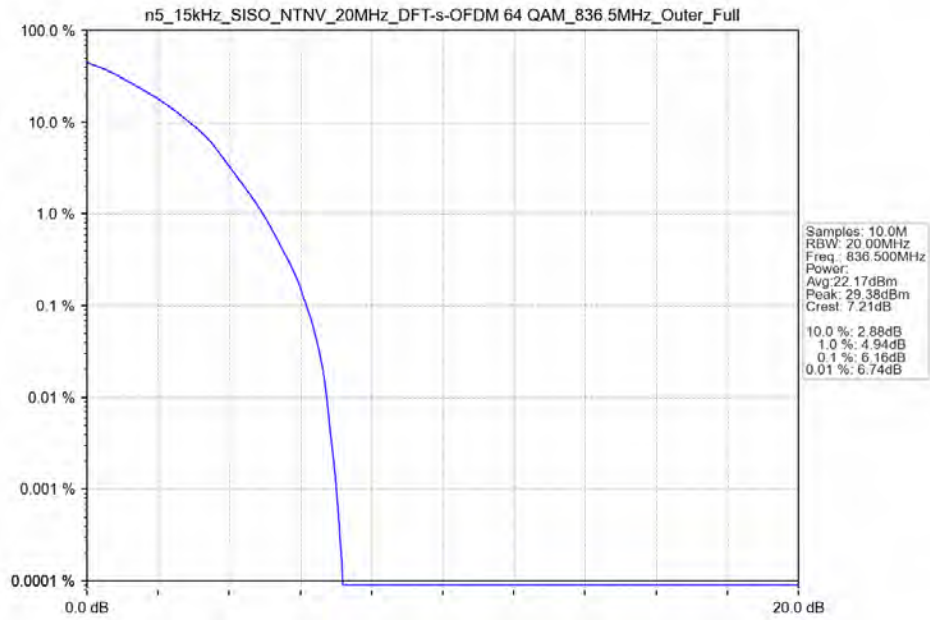
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_839MHz_Outer_Full_Ant0



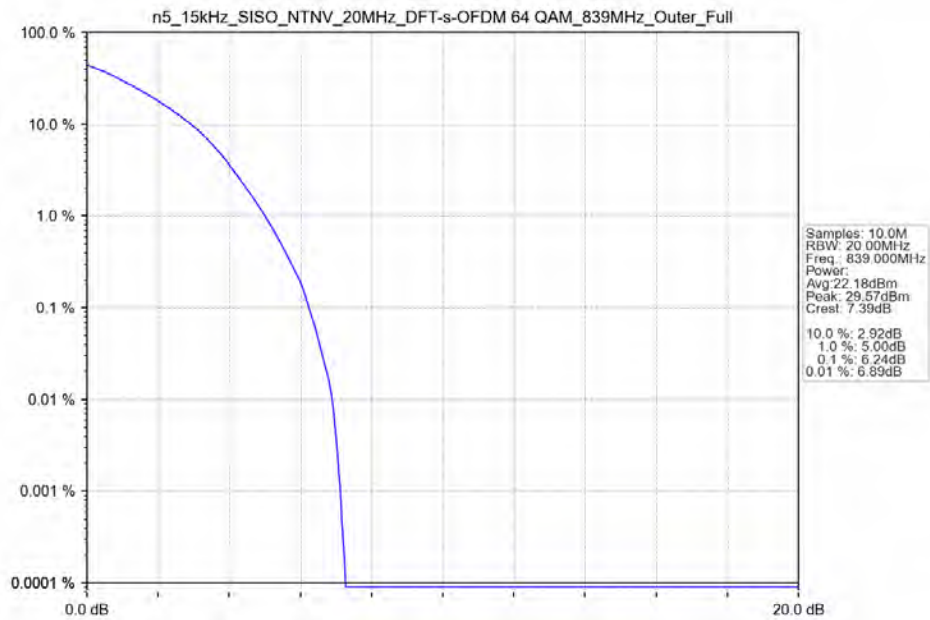
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_834MHz_Outer_Full_Ant0



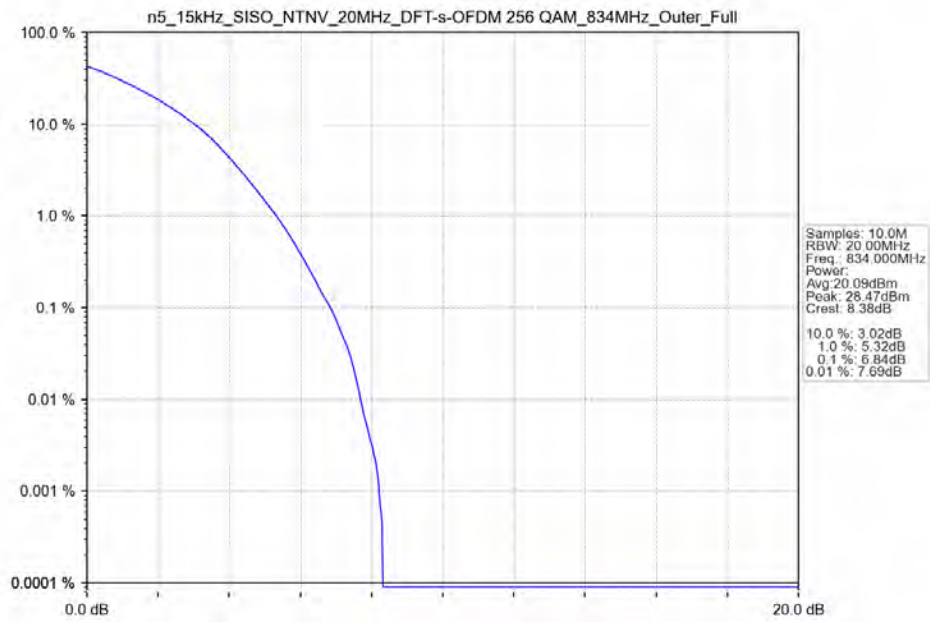
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant0



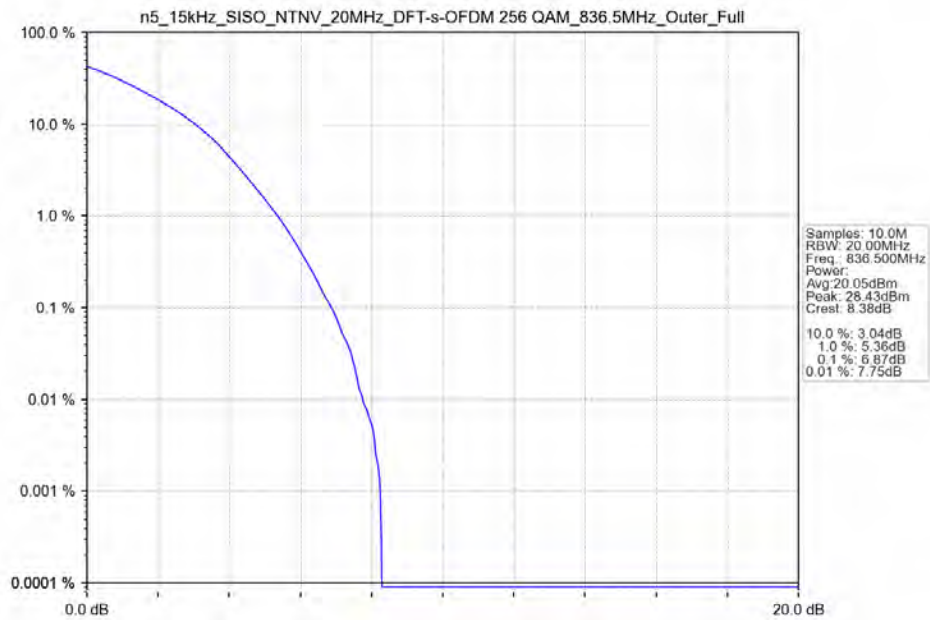
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_839MHz_Outer_Full_Ant0



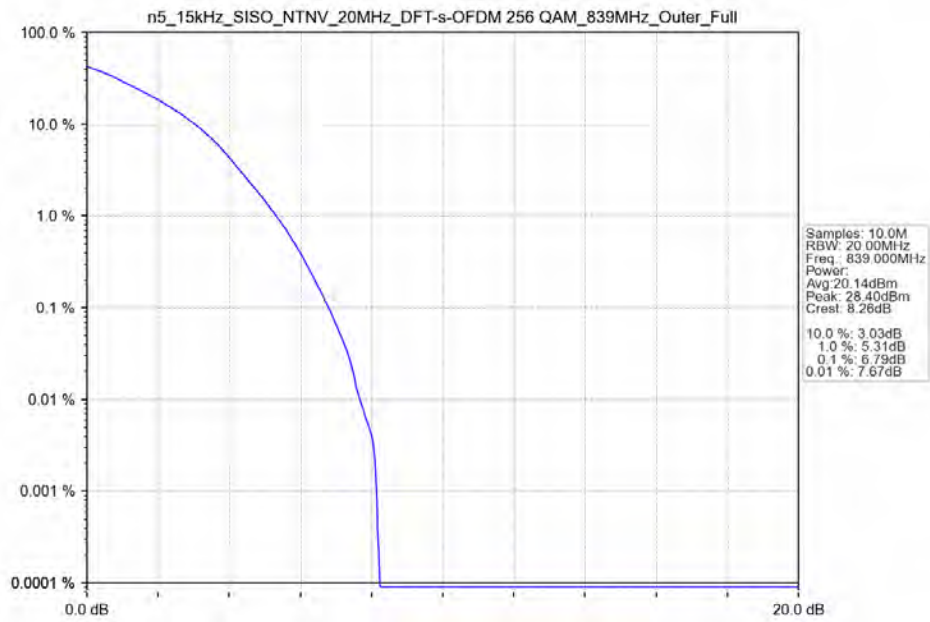
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_834MHz_Outer_Full_Ant0



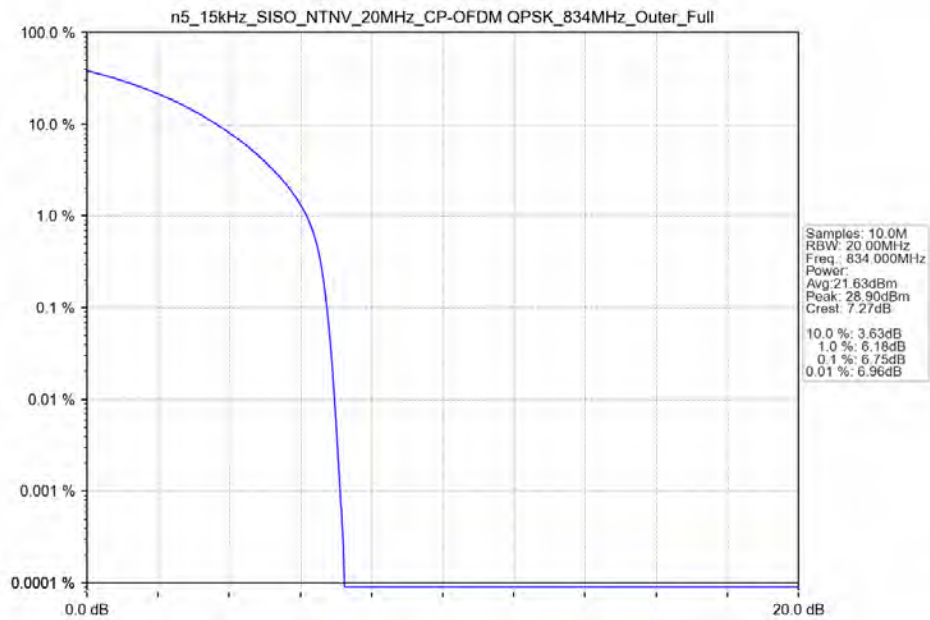
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



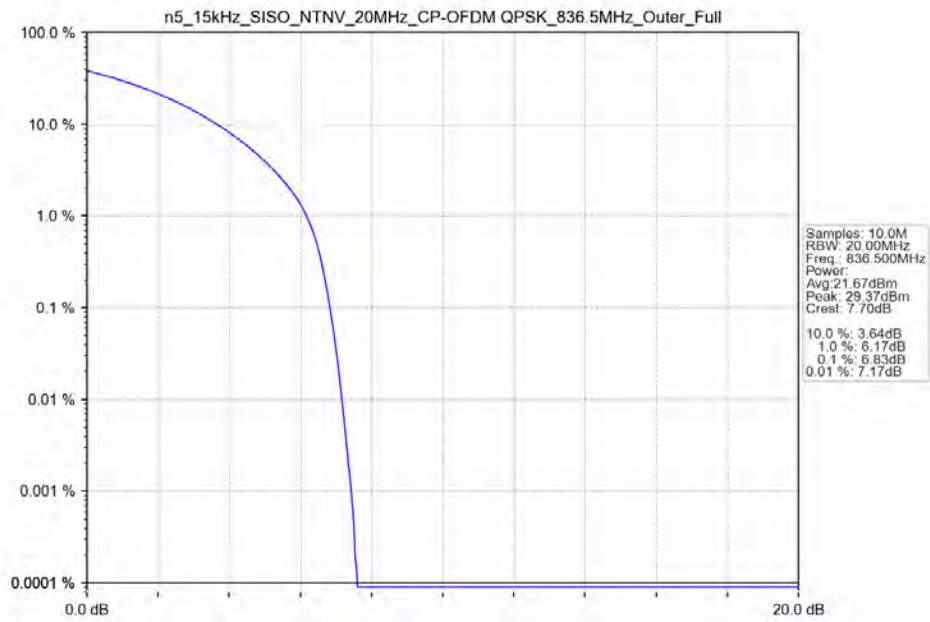
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_839MHz_Outer_Full_Ant0



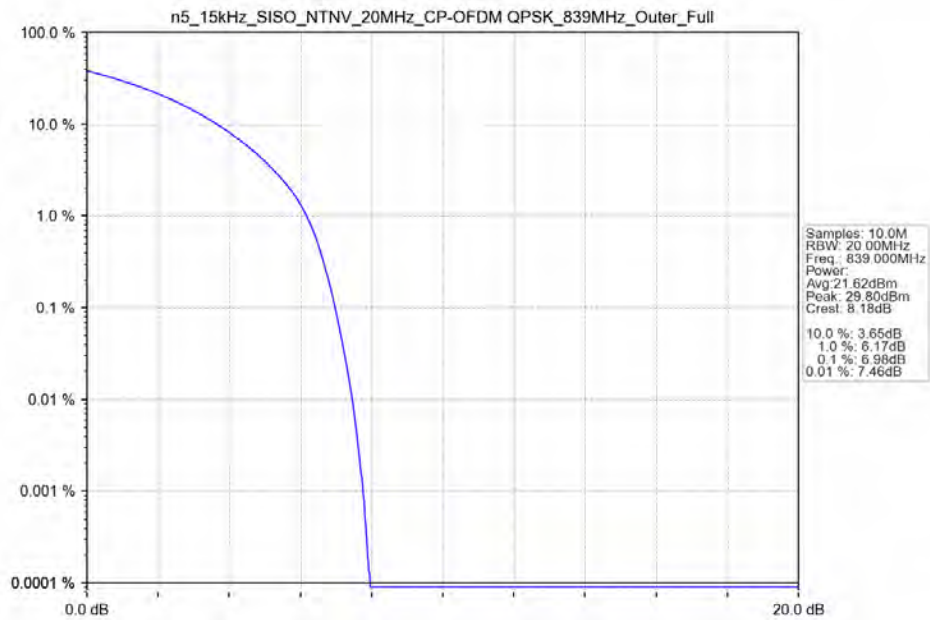
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Outer_Full_Ant0



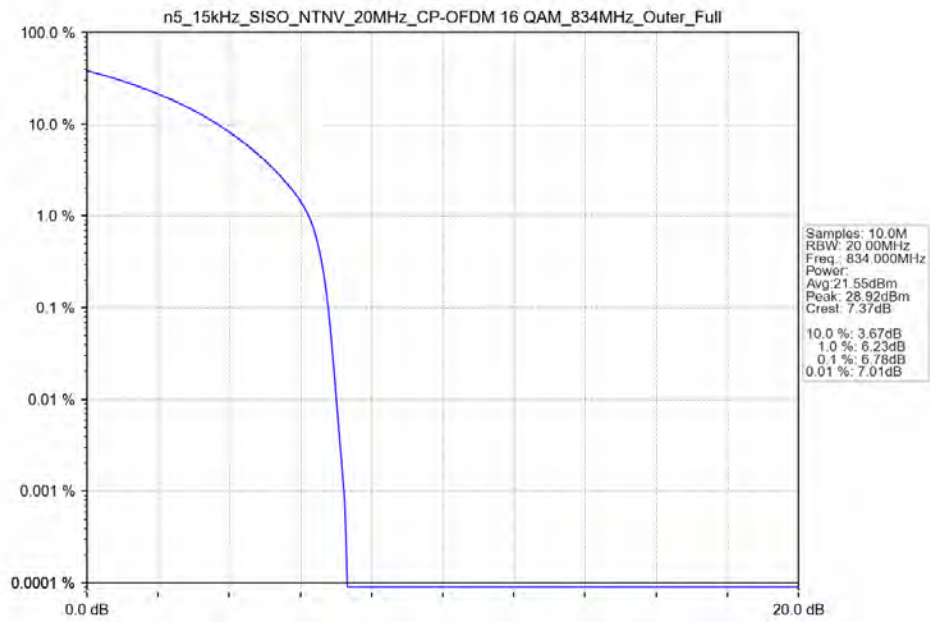
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant0



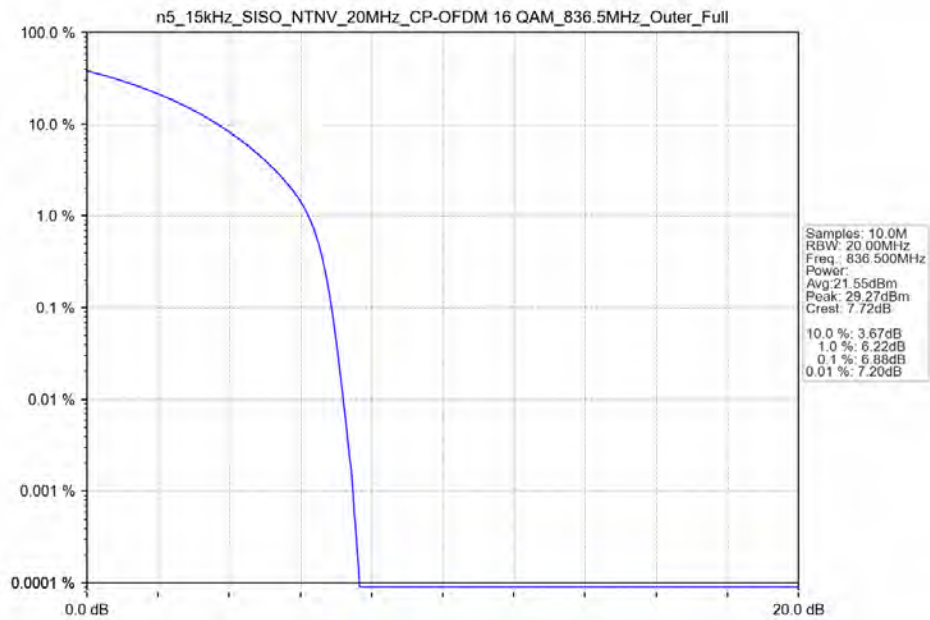
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Outer_Full_Ant0



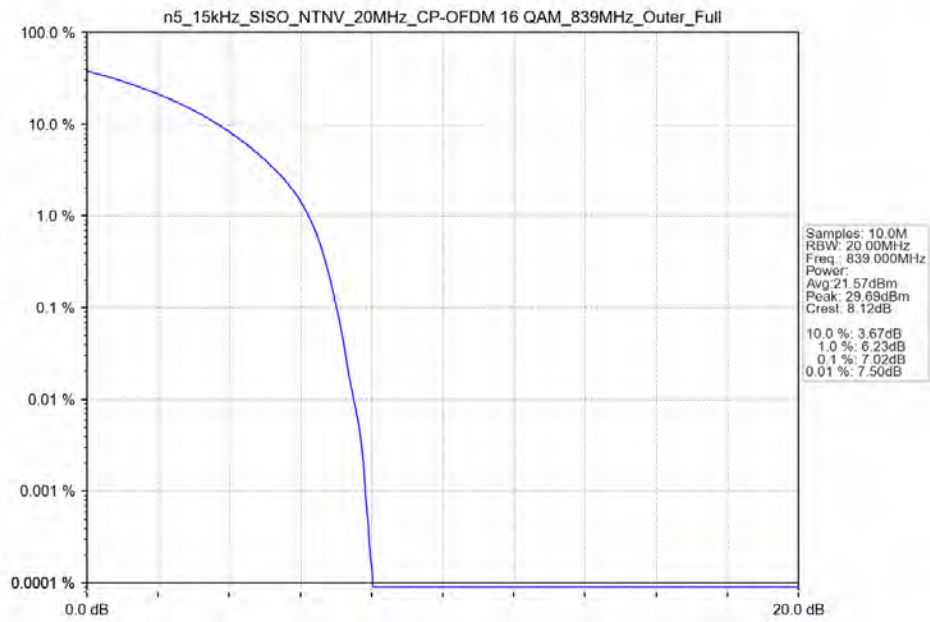
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_834MHz_Outer_Full_Ant0



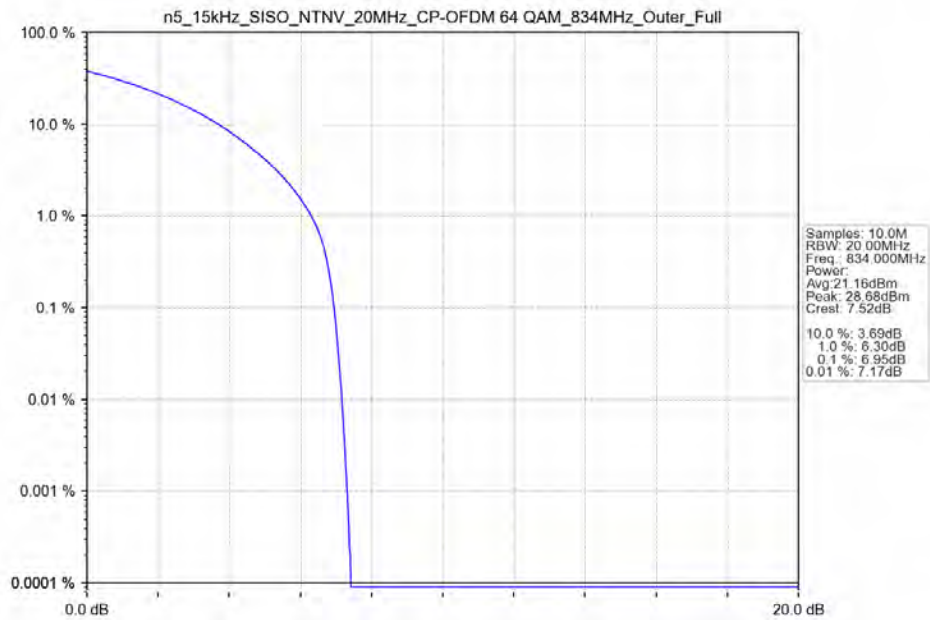
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_836.5MHz_Outer_Full_Ant0



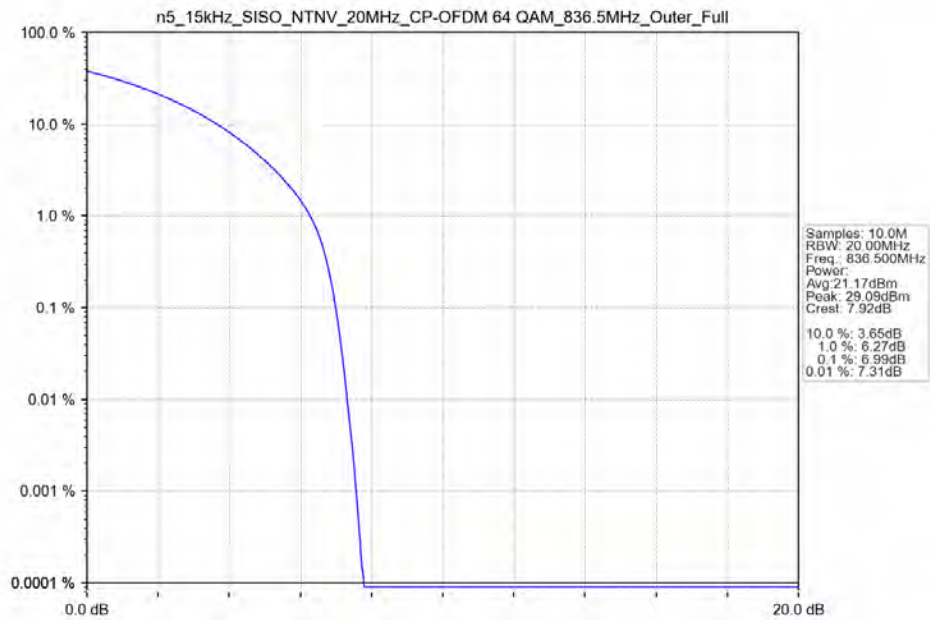
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 839MHz_Outer_Full_Ant0



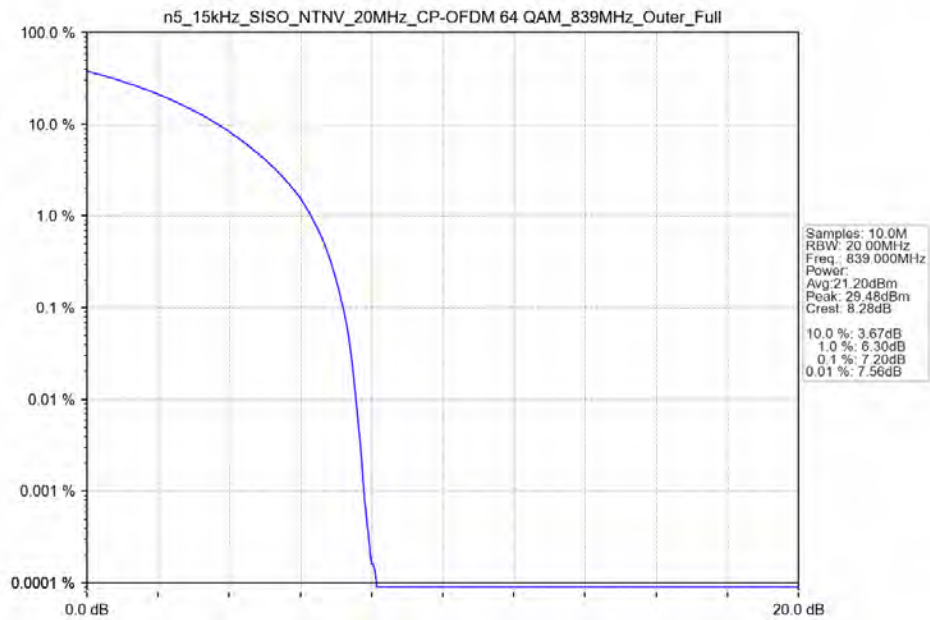
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 834MHz_Outer_Full_Ant0



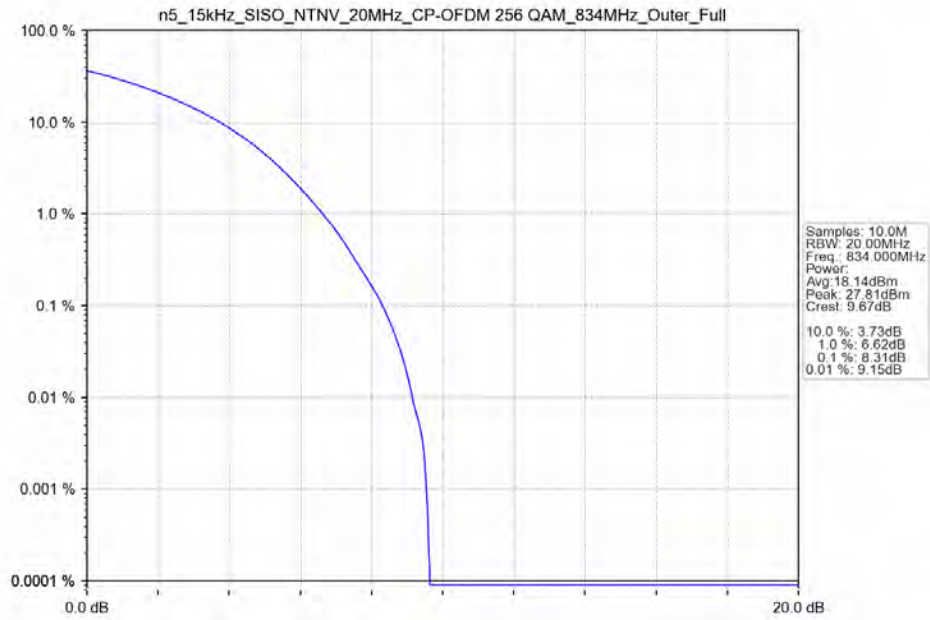
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_836.5MHz_Outer_Full_Ant0



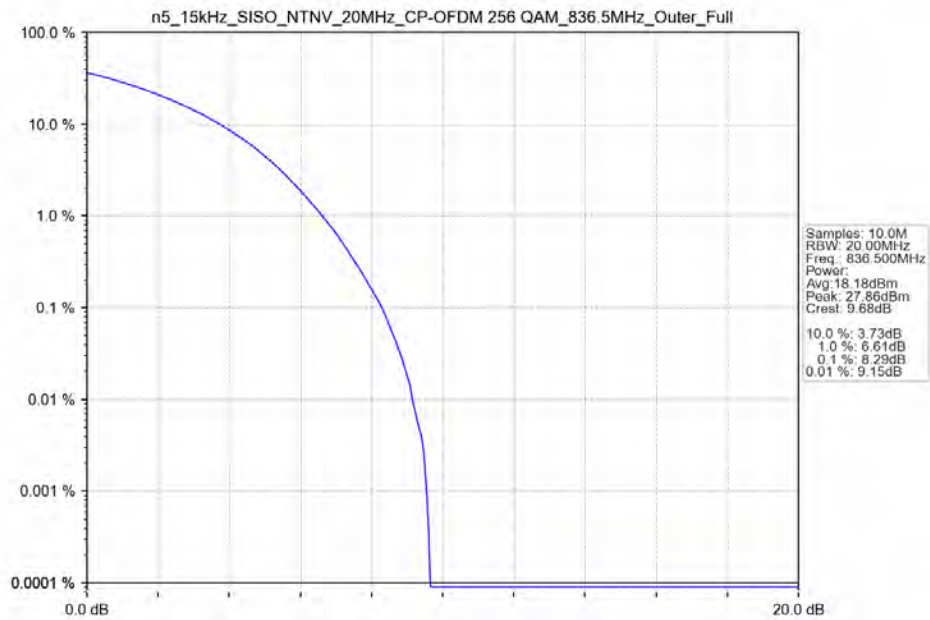
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_839MHz_Outer_Full_Ant0



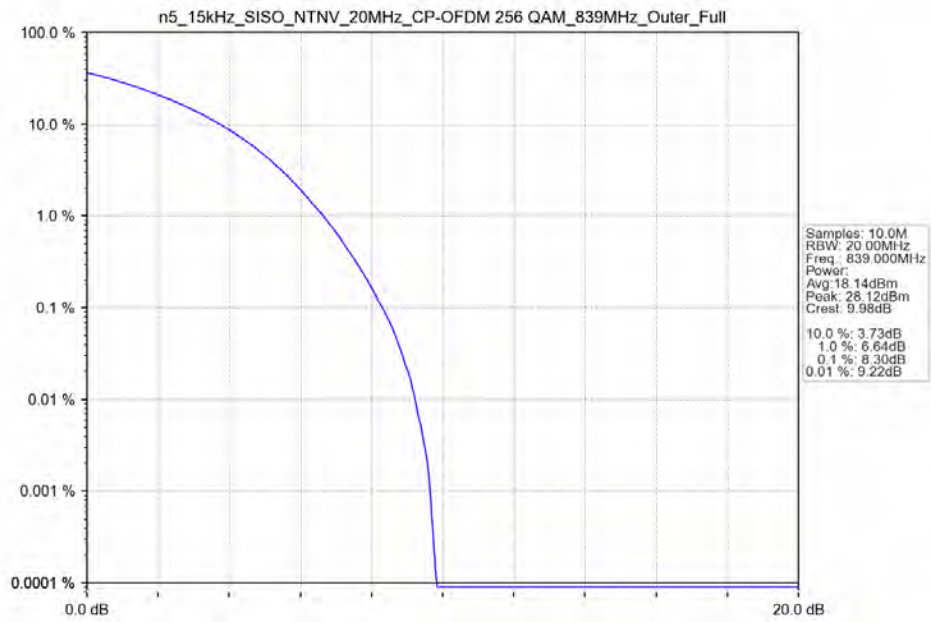
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_834MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant0



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_839MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant0	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		846.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	
	DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
836.5		Edge_1RB_Left	Refer To Test Graph				Pass	
		846.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right			Refer To Test Graph				Pass	
CP-OFDM QPSK		826.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Left		Refer To Test Graph				Pass	
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		846.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	

5.1.2 15k_SISO_10MHz_NTNV

5G NR n5 SCS=15kHz SISO 10MHz NTV								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant0	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		844	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	
	DFT-s-OFDM QPSK	829	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
836.5		Edge_1RB_Left	Refer To Test Graph				Pass	
		844	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right			Refer To Test Graph				Pass	
CP-OFDM QPSK		829	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Left		Refer To Test Graph				Pass	
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass	

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

5.1.3 15k_SISO_15MHz_NTNV

5G NR n5 SCS=15kHz SISO 15MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant0	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		841.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	831.5		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	836.5	Inner_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
		841.5	Edge_1RB_Right	Refer To Test Graph				Pass
	Outer_Full		Refer To Test Graph				Pass	
	Inner_1RB_Right		Refer To Test Graph				Pass	
	CP-OFDM QPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
Inner_1RB_Left			Refer To Test Graph				Pass	
836.5		Edge_1RB_Left	Refer To Test Graph				Pass	
		841.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass

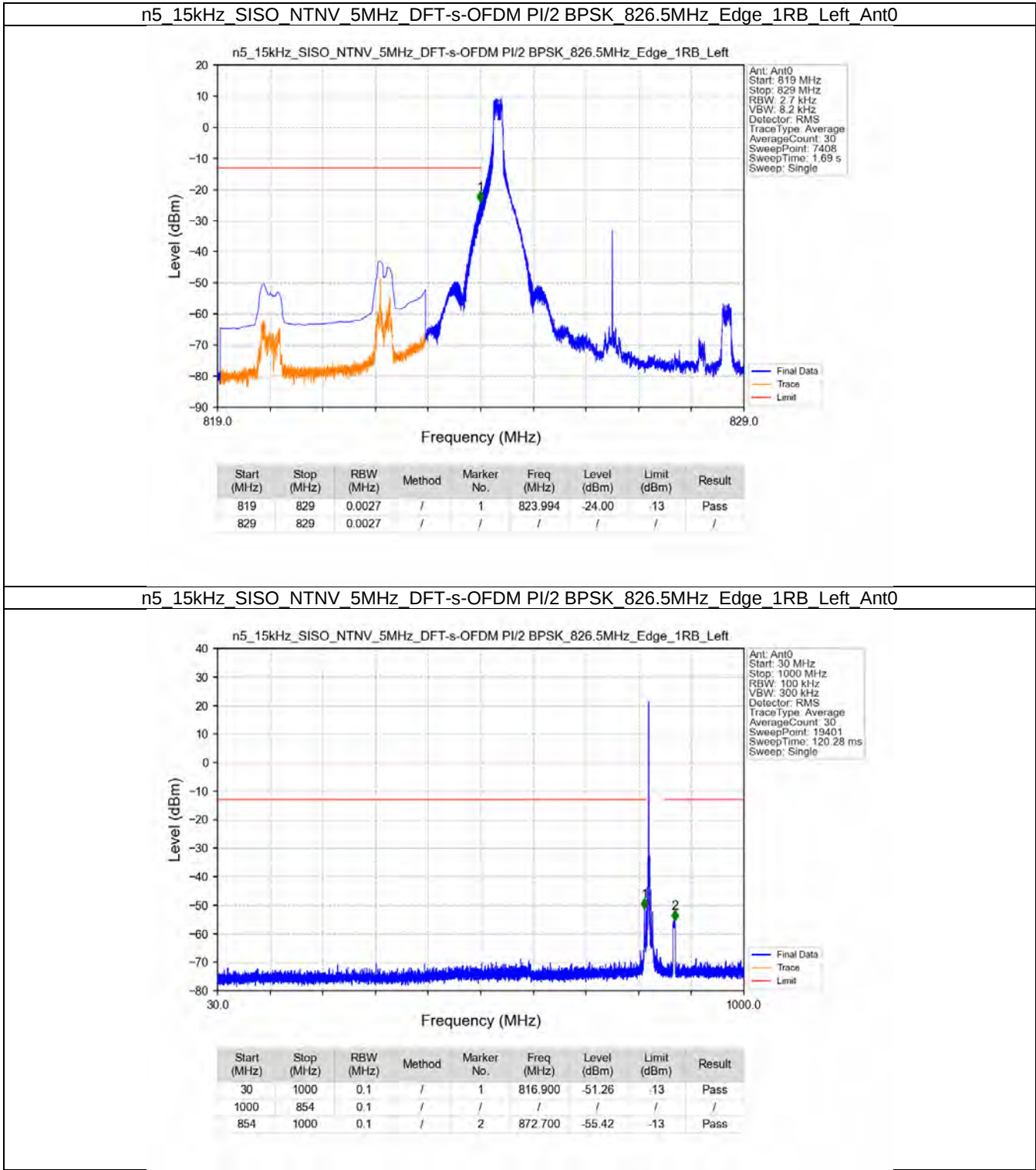
5.1.4 15k_SISO_20MHz_NTNV

5G NR n5 SCS=15kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant0	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		839	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	834		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	836.5	Inner_1RB_Left	Refer To Test Graph				Pass	
		839	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	834		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
	836.5	Outer_Full	Refer To Test Graph				Pass	
		839	Inner_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass

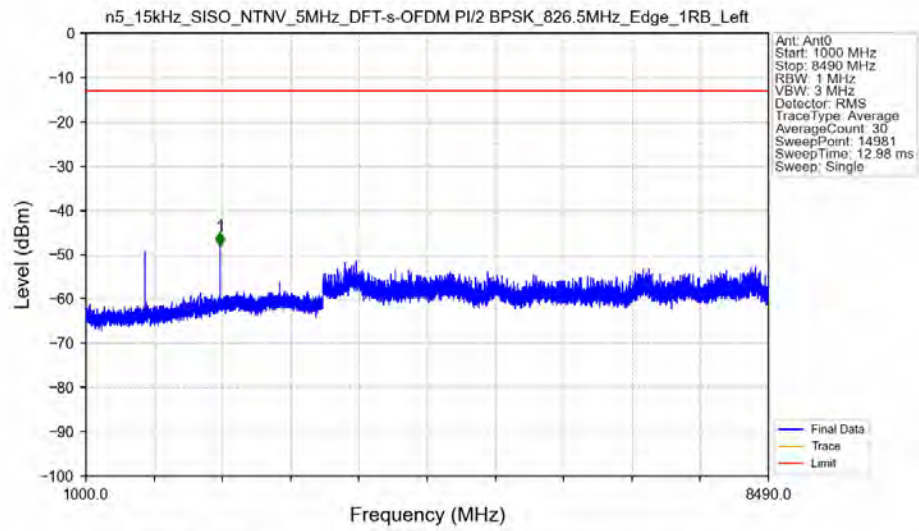
		Inner_1RB_Right	Refer To Test Graph	Pass
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5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

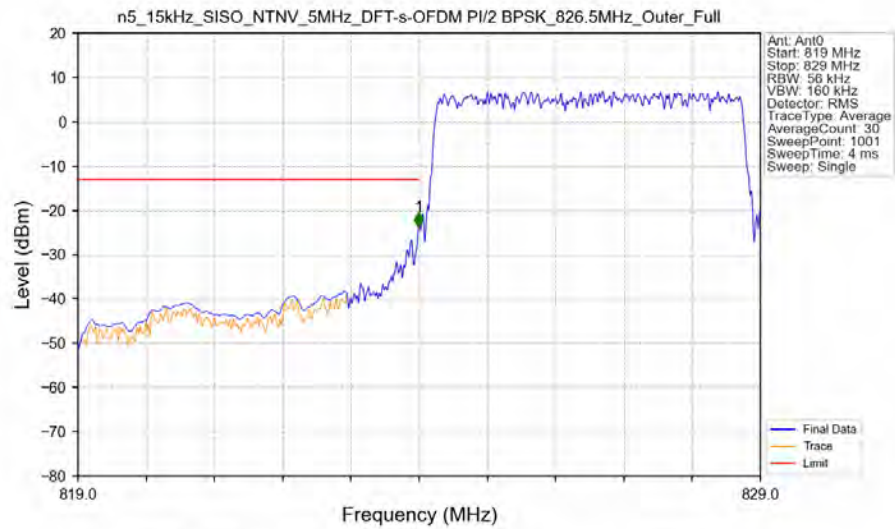


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant0



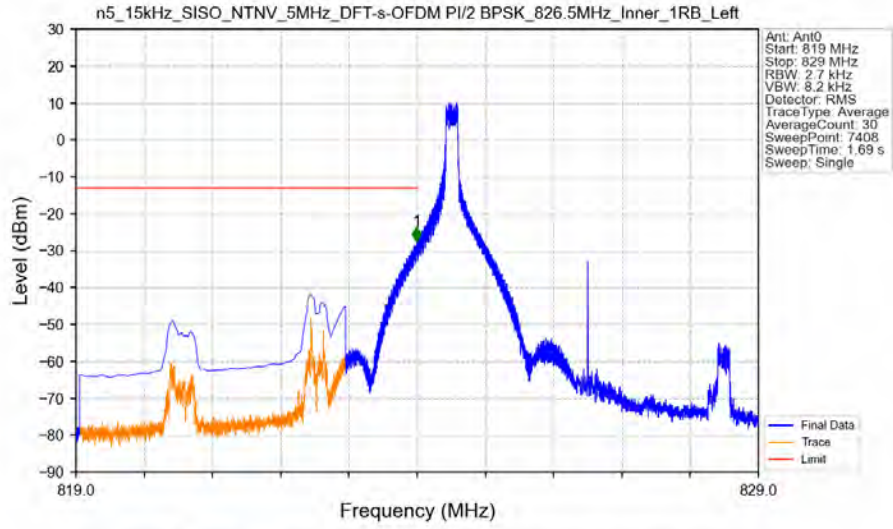
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.000	-47.99	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Outer_Full_Ant0

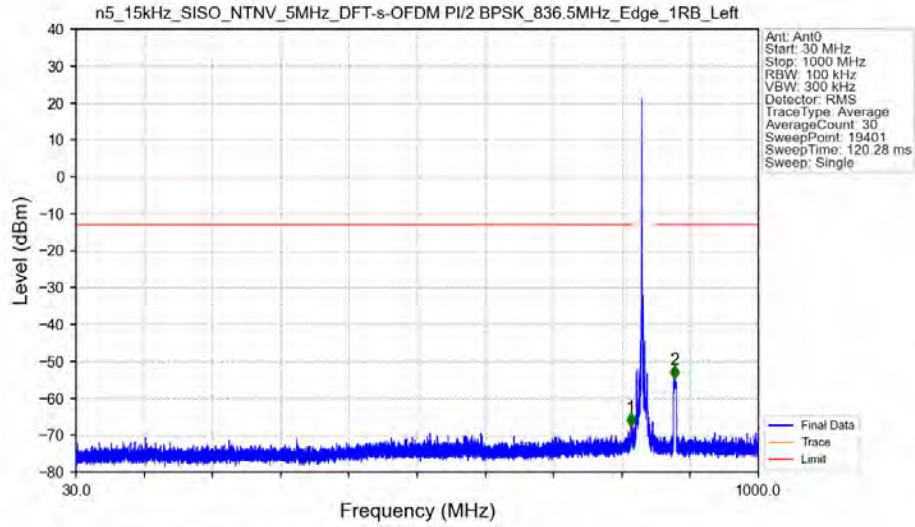


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	829	0.056	/	1	823.990	-23.65	-13	Pass
829	829	0.056	/	/	/	/	/	/

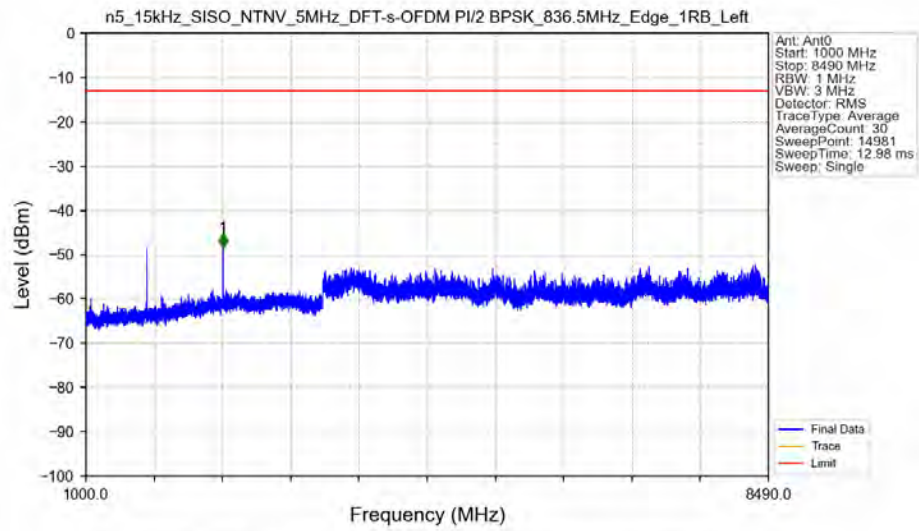
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Inner_1RB_Ant0



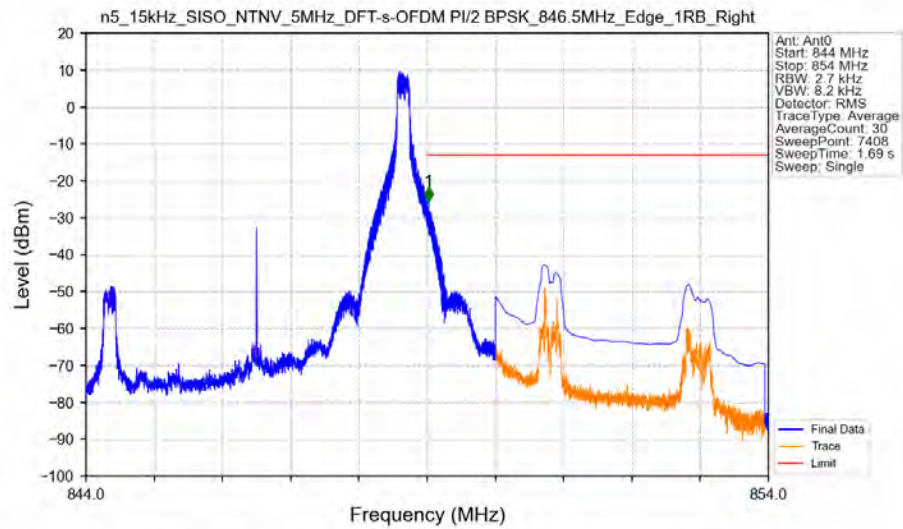
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left Ant0



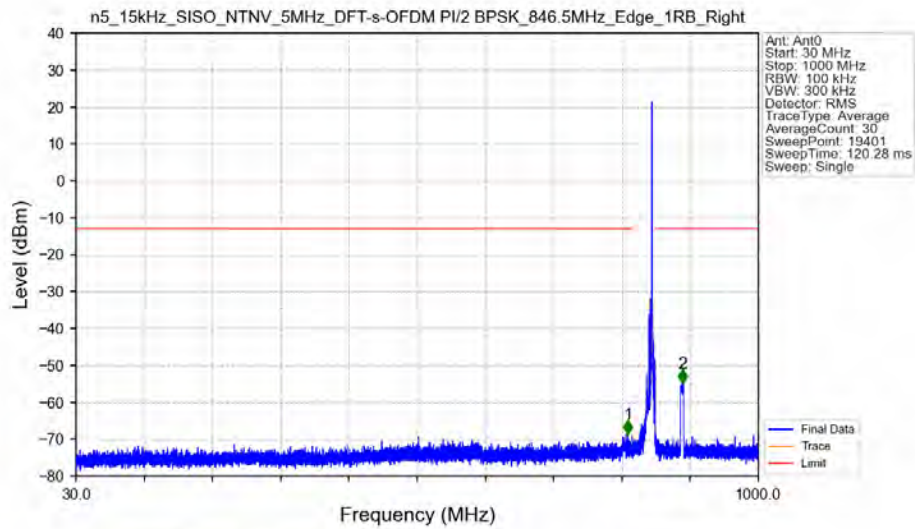
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant0



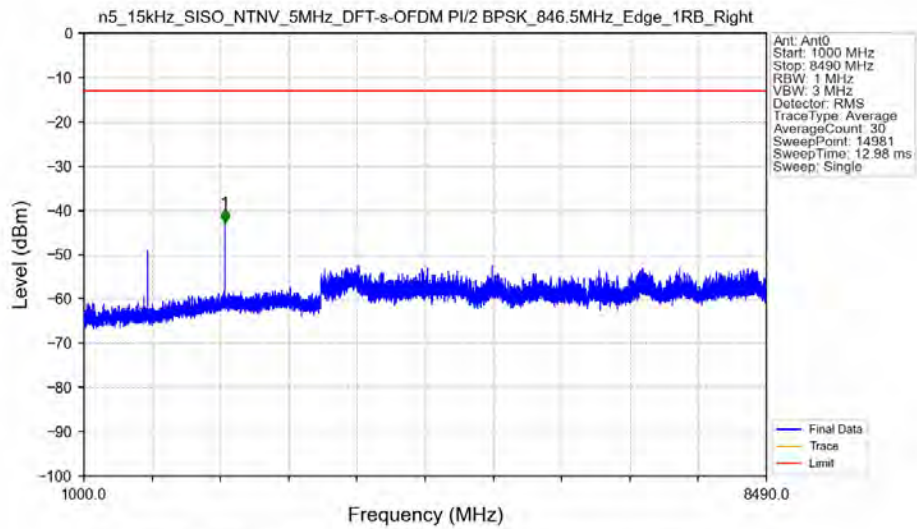
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant0



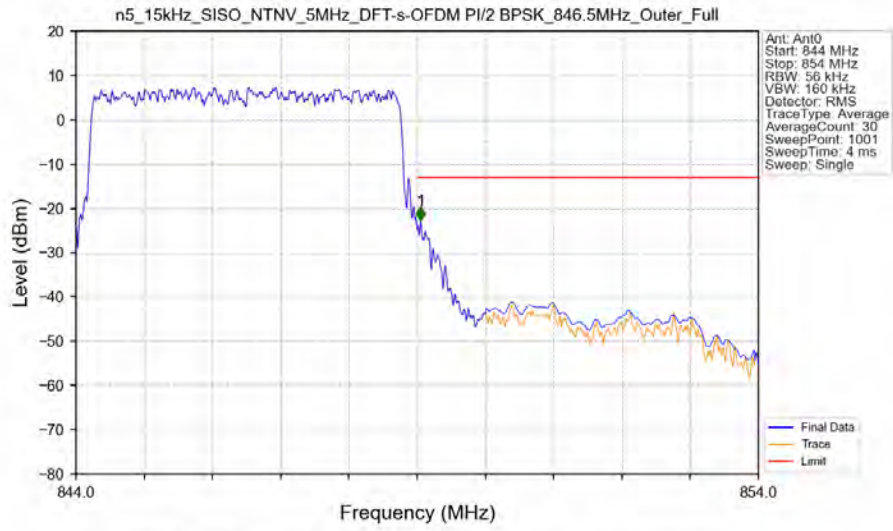
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant0



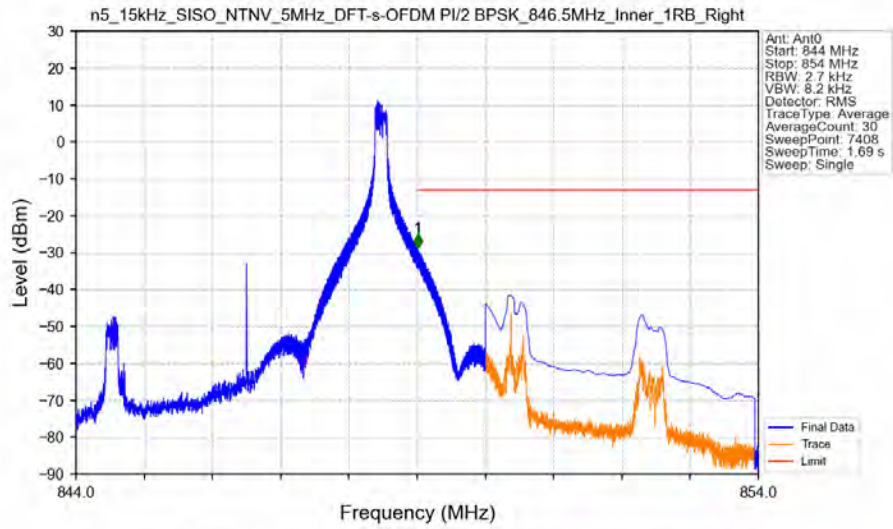
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant0



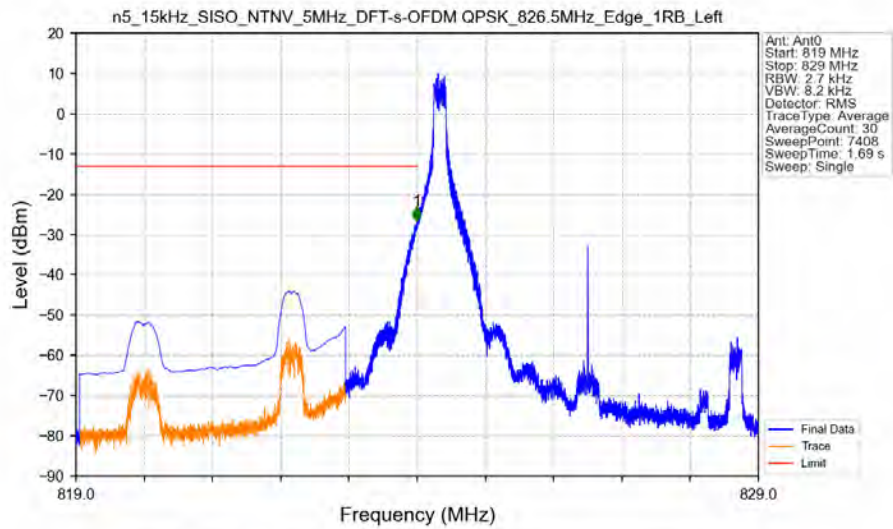
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full_Ant0



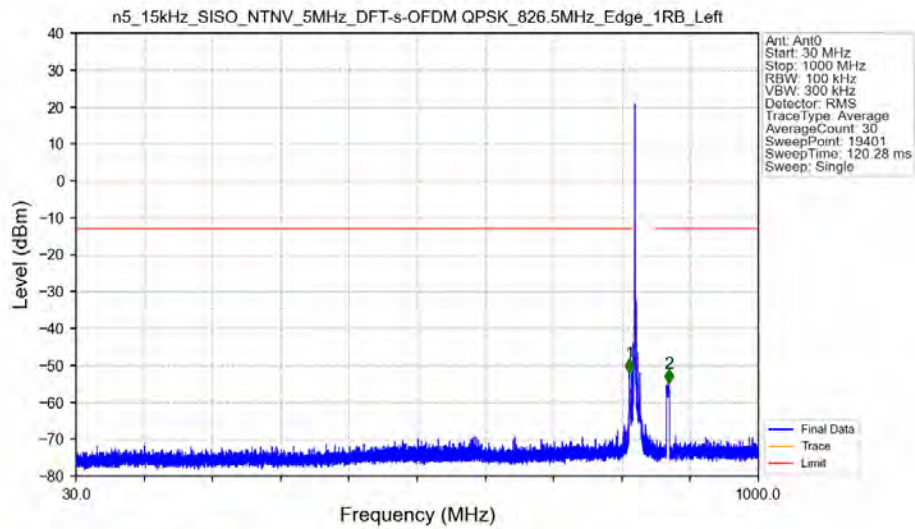
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Inner_1RB_Right_Ant0



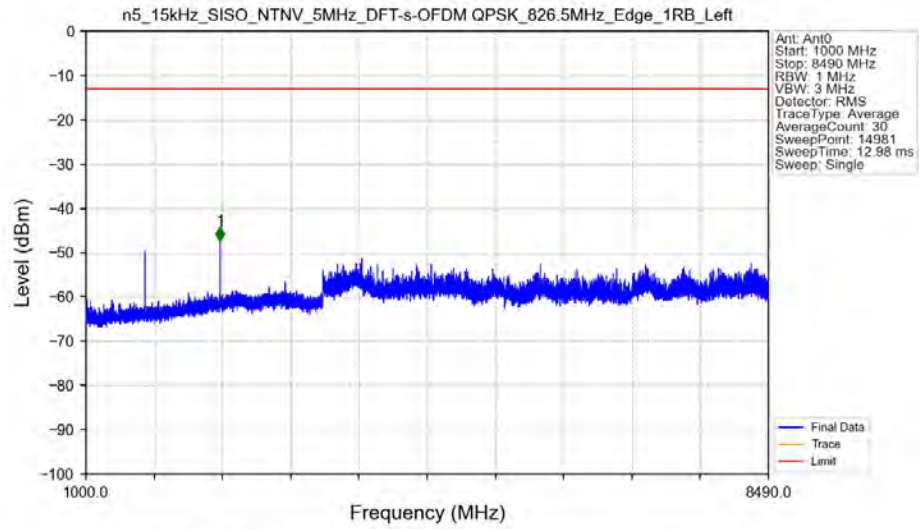
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0

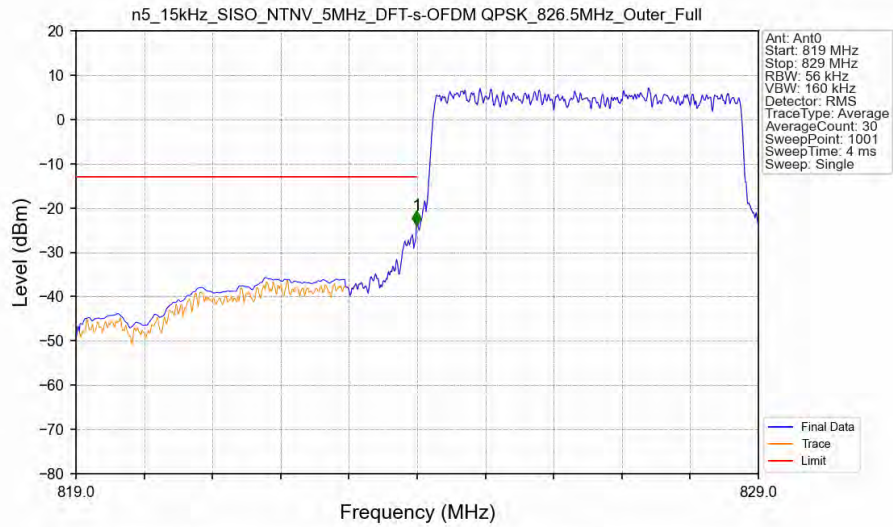


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



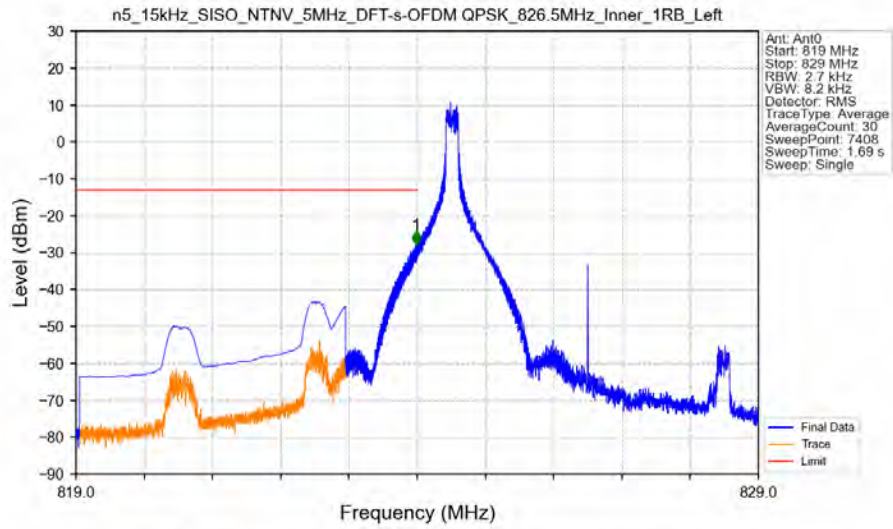
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2473.000	-47.33	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant0

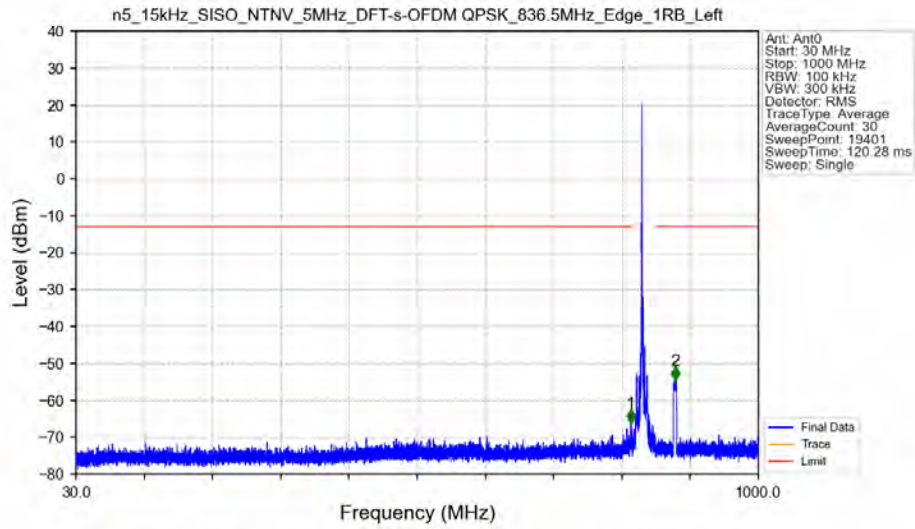


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	829	0.056	/	1	823.990	-23.82	-13	Pass
829	829	0.056	/	/	/	/	/	/

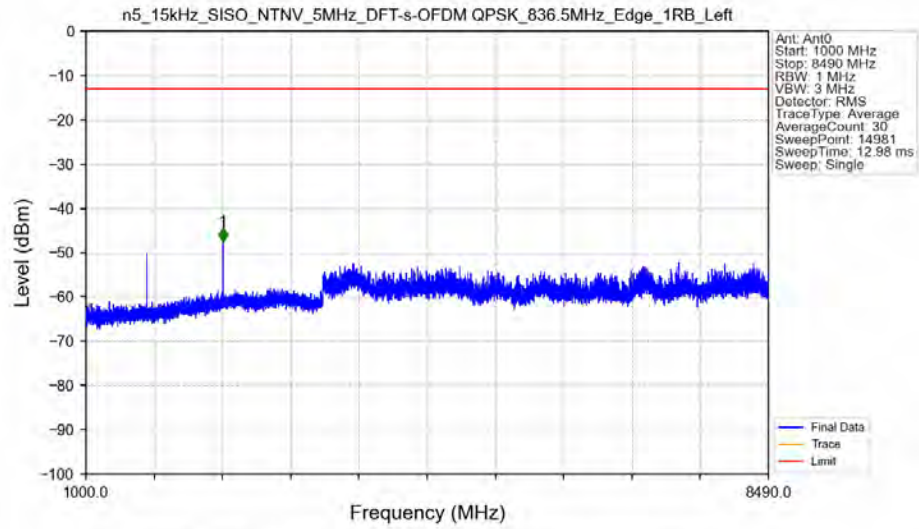
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Inner_1RB_Left_Ant0



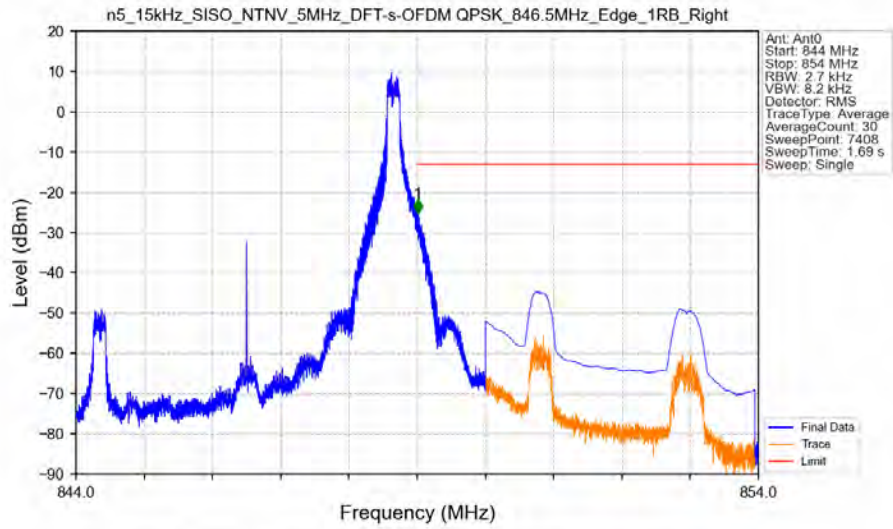
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



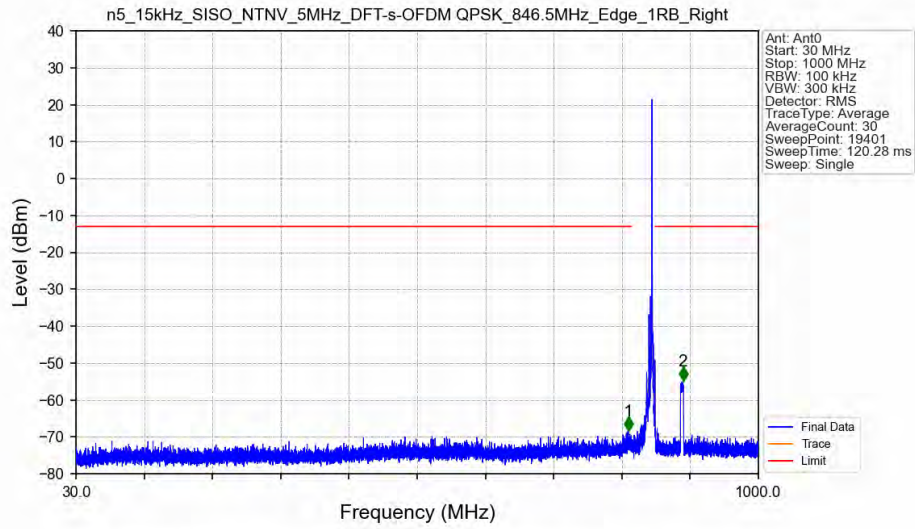
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0

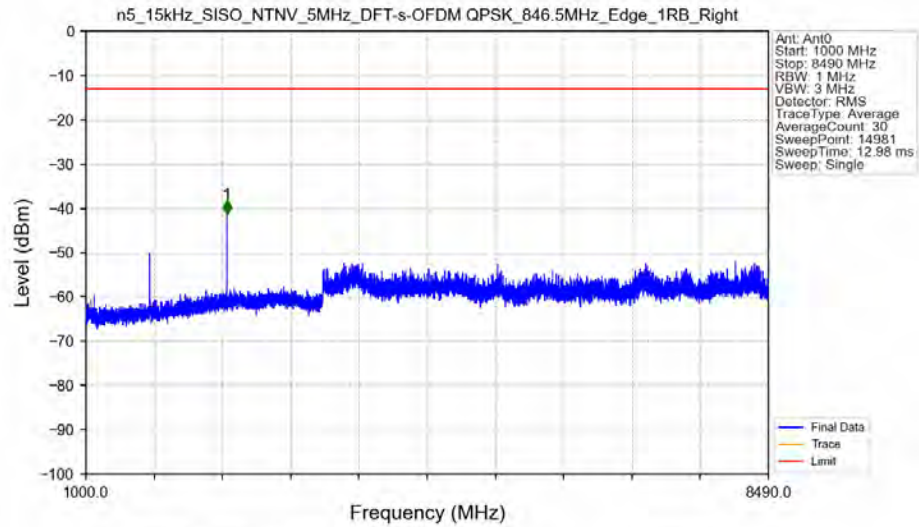


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



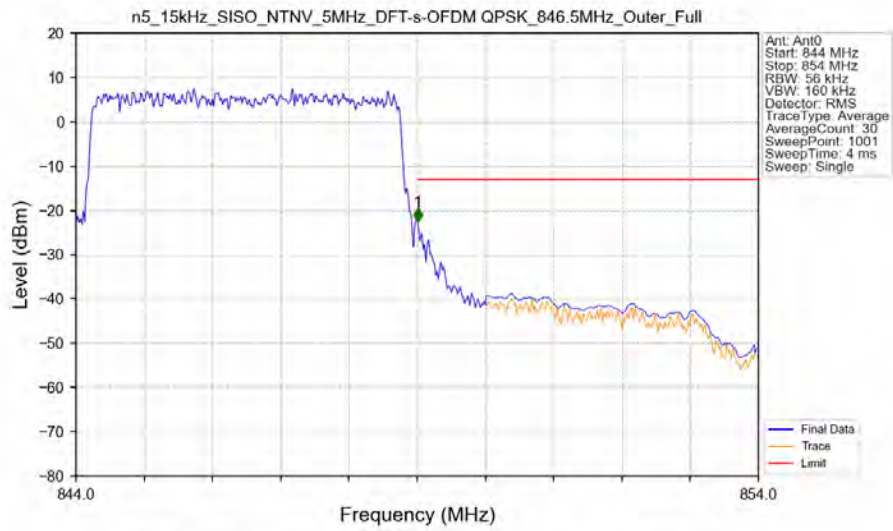
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	0.1	/	1	815.150	-68.25	-13	Pass
1000	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	892.800	-54.85	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant0



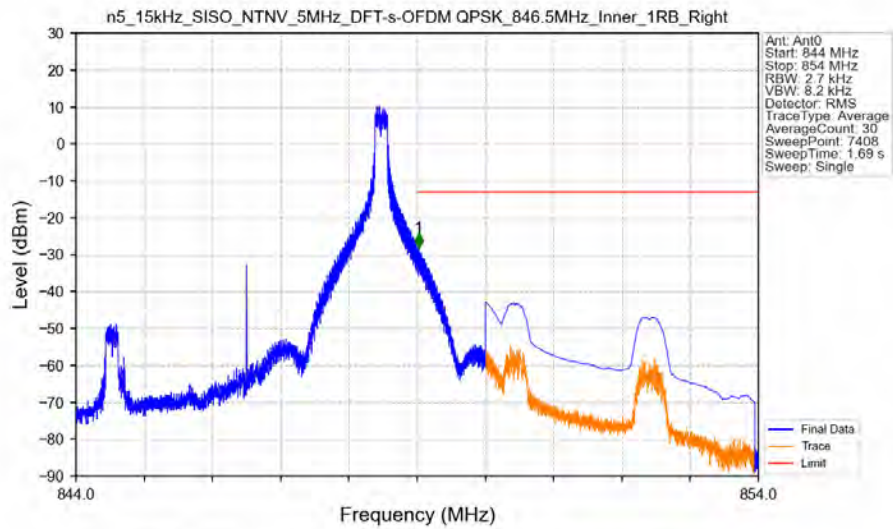
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	2546.000	-41.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant0



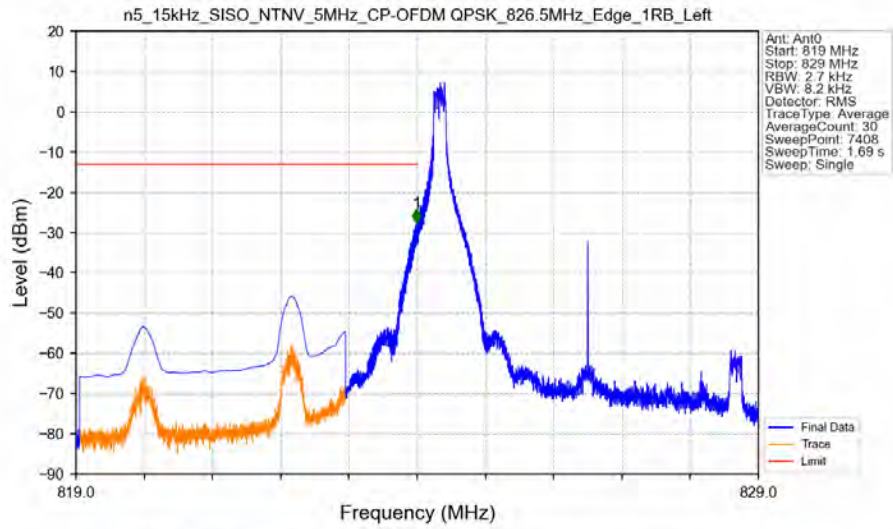
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.056	/	/	/	/	/	/
849	854	0.1	CHP	1	849.010	-22.65	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Inner_1RB_Right_Ant0

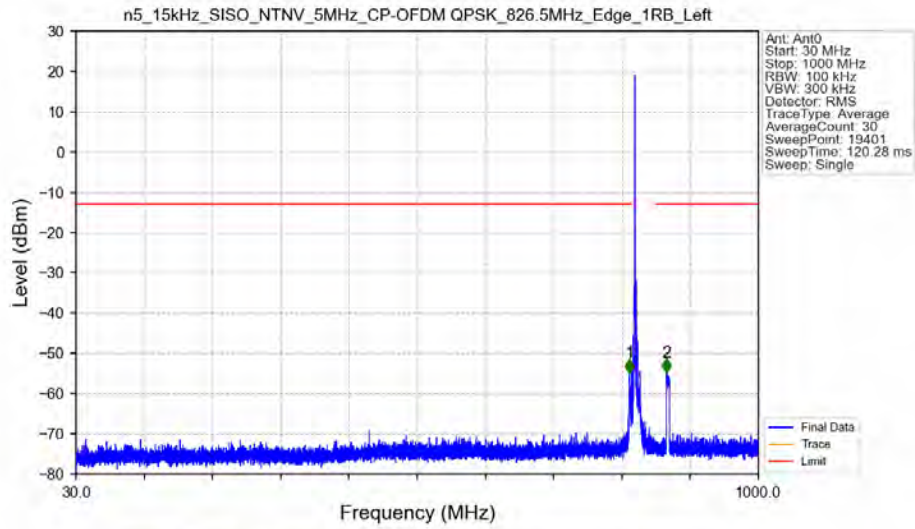


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.0027	/	/	/	/	/	/
849	854	0.1	CHP	1	849.024	-28.14	-13	Pass

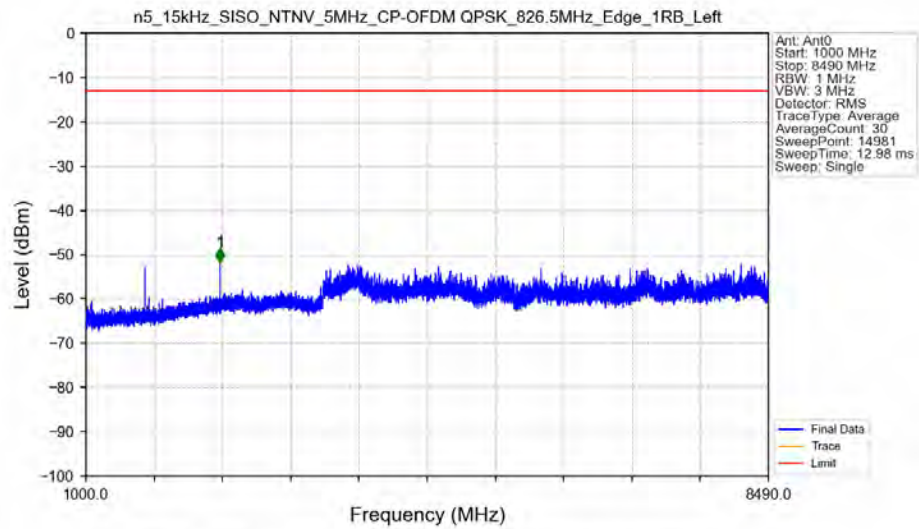
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant0



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant0

