

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	826.5	Edge_1RB_Left	23.78	/	/	16.81	/	/	<=38.45	Pass
		Edge_1RB_Right	23.67	/	/	16.70	/	/	<=38.45	Pass
		Outer_Full	23.80	/	/	16.83	/	/	<=38.45	Pass
		Inner_Full	24.34	/	/	17.37	/	/	<=38.45	Pass
		Inner_1RB_Left	24.27	/	/	17.30	/	/	<=38.45	Pass
		Inner_1RB_Right	24.17	/	/	17.20	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.53	/	/	16.56	/	/	<=38.45	Pass
		Edge_1RB_Right	23.52	/	/	16.55	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	16.66	/	/	<=38.45	Pass
		Inner_Full	24.17	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Left	24.16	/	/	17.19	/	/	<=38.45	Pass
		Inner_1RB_Right	24.05	/	/	17.08	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	23.46	/	/	16.49	/	/	<=38.45	Pass
		Edge_1RB_Right	23.52	/	/	16.55	/	/	<=38.45	Pass
		Outer_Full	23.66	/	/	16.69	/	/	<=38.45	Pass
		Inner_Full	24.16	/	/	17.19	/	/	<=38.45	Pass
		Inner_1RB_Left	23.95	/	/	16.98	/	/	<=38.45	Pass
		Inner_1RB_Right	24.04	/	/	17.07	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	23.23	/	/	16.26	/	/	<=38.45	Pass
		Edge_1RB_Right	23.14	/	/	16.17	/	/	<=38.45	Pass
		Outer_Full	23.34	/	/	16.37	/	/	<=38.45	Pass
		Inner_Full	24.39	/	/	17.42	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Right	24.07	/	/	17.10	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.06	/	/	16.09	/	/	<=38.45	Pass
		Edge_1RB_Right	22.99	/	/	16.02	/	/	<=38.45	Pass
		Outer_Full	23.15	/	/	16.18	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Left	24.05	/	/	17.08	/	/	<=38.45	Pass
		Inner_1RB_Right	23.96	/	/	16.99	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.94	/	/	15.97	/	/	<=38.45	Pass
		Edge_1RB_Right	23.00	/	/	16.03	/	/	<=38.45	Pass
		Outer_Full	23.20	/	/	16.23	/	/	<=38.45	Pass
		Inner_Full	24.21	/	/	17.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.90	/	/	16.93	/	/	<=38.45	Pass
		Inner_1RB_Right	23.97	/	/	17.00	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	826.5	Edge_1RB_Left	22.54	/	/	15.57	/	/	<=38.45	Pass
		Edge_1RB_Right	22.32	/	/	15.35	/	/	<=38.45	Pass
		Outer_Full	22.37	/	/	15.40	/	/	<=38.45	Pass
		Inner_Full	23.31	/	/	16.34	/	/	<=38.45	Pass
		Inner_1RB_Left	23.64	/	/	16.67	/	/	<=38.45	Pass
		Inner_1RB_Right	23.39	/	/	16.42	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.18	/	/	15.21	/	/	<=38.45	Pass
		Edge_1RB_Right	22.09	/	/	15.12	/	/	<=38.45	Pass
		Outer_Full	22.08	/	/	15.11	/	/	<=38.45	Pass
		Inner_Full	23.07	/	/	16.10	/	/	<=38.45	Pass
		Inner_1RB_Left	23.23	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Right	23.29	/	/	16.32	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.13	/	/	15.16	/	/	<=38.45	Pass

		Edge_1RB_Right	22.19	/	/	15.22	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	15.17	/	/	<=38.45	Pass
		Inner_Full	23.10	/	/	16.13	/	/	<=38.45	Pass
		Inner_1RB_Left	23.26	/	/	16.29	/	/	<=38.45	Pass
		Inner_1RB_Right	23.23	/	/	16.26	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	826.5	Edge_1RB_Left	22.18	/	/	15.21	/	/	<=38.45	Pass
		Edge_1RB_Right	22.04	/	/	15.07	/	/	<=38.45	Pass
		Outer_Full	21.99	/	/	15.02	/	/	<=38.45	Pass
		Inner_Full	21.98	/	/	15.01	/	/	<=38.45	Pass
		Inner_1RB_Left	22.13	/	/	15.16	/	/	<=38.45	Pass
		Inner_1RB_Right	22.09	/	/	15.12	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.72	/	/	14.75	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	14.88	/	/	<=38.45	Pass
		Outer_Full	21.80	/	/	14.83	/	/	<=38.45	Pass
		Inner_Full	21.72	/	/	14.75	/	/	<=38.45	Pass
		Inner_1RB_Left	21.86	/	/	14.89	/	/	<=38.45	Pass
		Inner_1RB_Right	21.86	/	/	14.89	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	22.01	/	/	15.04	/	/	<=38.45	Pass
		Edge_1RB_Right	21.85	/	/	14.88	/	/	<=38.45	Pass
		Outer_Full	21.88	/	/	14.91	/	/	<=38.45	Pass
		Inner_Full	21.81	/	/	14.84	/	/	<=38.45	Pass
		Inner_1RB_Left	21.96	/	/	14.99	/	/	<=38.45	Pass
		Inner_1RB_Right	21.76	/	/	14.79	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	826.5	Edge_1RB_Left	19.95	/	/	12.98	/	/	<=38.45	Pass
		Edge_1RB_Right	19.75	/	/	12.78	/	/	<=38.45	Pass
		Outer_Full	19.89	/	/	12.92	/	/	<=38.45	Pass
		Inner_Full	19.96	/	/	12.99	/	/	<=38.45	Pass
		Inner_1RB_Left	19.87	/	/	12.90	/	/	<=38.45	Pass
		Inner_1RB_Right	19.78	/	/	12.81	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.65	/	/	12.68	/	/	<=38.45	Pass
		Edge_1RB_Right	19.67	/	/	12.70	/	/	<=38.45	Pass
		Outer_Full	19.71	/	/	12.74	/	/	<=38.45	Pass
		Inner_Full	19.76	/	/	12.79	/	/	<=38.45	Pass
		Inner_1RB_Left	19.66	/	/	12.69	/	/	<=38.45	Pass
		Inner_1RB_Right	19.57	/	/	12.60	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	19.64	/	/	12.67	/	/	<=38.45	Pass
		Edge_1RB_Right	19.69	/	/	12.72	/	/	<=38.45	Pass
		Outer_Full	19.77	/	/	12.80	/	/	<=38.45	Pass
		Inner_Full	19.83	/	/	12.86	/	/	<=38.45	Pass
		Inner_1RB_Left	19.69	/	/	12.72	/	/	<=38.45	Pass
		Inner_1RB_Right	19.64	/	/	12.67	/	/	<=38.45	Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	21.26	/	/	14.29	/	/	<=38.45	Pass
		Edge_1RB_Right	21.27	/	/	14.30	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	14.46	/	/	<=38.45	Pass
		Inner_Full	22.76	/	/	15.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.89	/	/	15.92	/	/	<=38.45	Pass
		Inner_1RB_Right	22.76	/	/	15.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.03	/	/	14.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.00	/	/	14.03	/	/	<=38.45	Pass
		Outer_Full	21.24	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	22.63	/	/	15.66	/	/	<=38.45	Pass
		Inner_1RB_Left	22.45	/	/	15.48	/	/	<=38.45	Pass
		Inner_1RB_Right	22.62	/	/	15.65	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.03	/	/	14.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.08	/	/	14.11	/	/	<=38.45	Pass
		Outer_Full	21.30	/	/	14.33	/	/	<=38.45	Pass
		Inner_Full	22.57	/	/	15.60	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.61	/	/	15.64	/	/	<=38.45	Pass

CP-OFDM 16 QAM	826.5	Edge_1RB_Left	21.46	/	/	14.49	/	/	<=38.45	Pass
		Edge_1RB_Right	21.34	/	/	14.37	/	/	<=38.45	Pass
		Outer_Full	21.45	/	/	14.48	/	/	<=38.45	Pass
		Inner_Full	22.31	/	/	15.34	/	/	<=38.45	Pass
		Inner_1RB_Left	22.36	/	/	15.39	/	/	<=38.45	Pass
		Inner_1RB_Right	22.25	/	/	15.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.24	/	/	14.27	/	/	<=38.45	Pass
		Edge_1RB_Right	21.22	/	/	14.25	/	/	<=38.45	Pass
		Outer_Full	21.26	/	/	14.29	/	/	<=38.45	Pass
		Inner_Full	22.15	/	/	15.18	/	/	<=38.45	Pass
		Inner_1RB_Left	22.20	/	/	15.23	/	/	<=38.45	Pass
		Inner_1RB_Right	22.13	/	/	15.16	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	21.19	/	/	14.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.26	/	/	14.29	/	/	<=38.45	Pass
		Outer_Full	21.30	/	/	14.33	/	/	<=38.45	Pass
		Inner_Full	22.11	/	/	15.14	/	/	<=38.45	Pass
		Inner_1RB_Left	22.09	/	/	15.12	/	/	<=38.45	Pass
		Inner_1RB_Right	22.10	/	/	15.13	/	/	<=38.45	Pass
CP-OFDM 64 QAM	826.5	Edge_1RB_Left	20.91	/	/	13.94	/	/	<=38.45	Pass
		Edge_1RB_Right	20.80	/	/	13.83	/	/	<=38.45	Pass
		Outer_Full	20.97	/	/	14.00	/	/	<=38.45	Pass
		Inner_Full	20.91	/	/	13.94	/	/	<=38.45	Pass
		Inner_1RB_Left	20.97	/	/	14.00	/	/	<=38.45	Pass
		Inner_1RB_Right	20.83	/	/	13.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.71	/	/	13.74	/	/	<=38.45	Pass
		Edge_1RB_Right	20.70	/	/	13.73	/	/	<=38.45	Pass
		Outer_Full	20.80	/	/	13.83	/	/	<=38.45	Pass
		Inner_Full	20.76	/	/	13.79	/	/	<=38.45	Pass
		Inner_1RB_Left	20.73	/	/	13.76	/	/	<=38.45	Pass
		Inner_1RB_Right	20.64	/	/	13.67	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	20.62	/	/	13.65	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	13.69	/	/	<=38.45	Pass
		Outer_Full	20.80	/	/	13.83	/	/	<=38.45	Pass
		Inner_Full	20.75	/	/	13.78	/	/	<=38.45	Pass
		Inner_1RB_Left	20.64	/	/	13.67	/	/	<=38.45	Pass
		Inner_1RB_Right	20.73	/	/	13.76	/	/	<=38.45	Pass
CP-OFDM 256 QAM	826.5	Edge_1RB_Left	17.96	/	/	10.99	/	/	<=38.45	Pass
		Edge_1RB_Right	17.81	/	/	10.84	/	/	<=38.45	Pass
		Outer_Full	17.89	/	/	10.92	/	/	<=38.45	Pass
		Inner_Full	17.90	/	/	10.93	/	/	<=38.45	Pass
		Inner_1RB_Left	18.00	/	/	11.03	/	/	<=38.45	Pass
		Inner_1RB_Right	17.87	/	/	10.90	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.77	/	/	10.80	/	/	<=38.45	Pass
		Edge_1RB_Right	17.73	/	/	10.76	/	/	<=38.45	Pass
		Outer_Full	17.76	/	/	10.79	/	/	<=38.45	Pass
		Inner_Full	17.74	/	/	10.77	/	/	<=38.45	Pass
		Inner_1RB_Left	17.68	/	/	10.71	/	/	<=38.45	Pass
		Inner_1RB_Right	17.63	/	/	10.66	/	/	<=38.45	Pass
	846.5	Edge_1RB_Left	17.73	/	/	10.76	/	/	<=38.45	Pass
		Edge_1RB_Right	17.80	/	/	10.83	/	/	<=38.45	Pass
		Outer_Full	17.75	/	/	10.78	/	/	<=38.45	Pass
		Inner_Full	17.74	/	/	10.77	/	/	<=38.45	Pass
		Inner_1RB_Left	17.75	/	/	10.78	/	/	<=38.45	Pass
		Inner_1RB_Right	17.79	/	/	10.82	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -4.82dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	829	Edge_1RB_Left	23.84	/	/	16.87	/	/	<=38.45	Pass
		Edge_1RB_Right	23.64	/	/	16.67	/	/	<=38.45	Pass
		Outer_Full	23.77	/	/	16.80	/	/	<=38.45	Pass
		Inner_Full	24.23	/	/	17.26	/	/	<=38.45	Pass
		Inner_1RB_Left	24.32	/	/	17.35	/	/	<=38.45	Pass
		Inner_1RB_Right	24.02	/	/	17.05	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.72	/	/	16.75	/	/	<=38.45	Pass
		Edge_1RB_Right	23.54	/	/	16.57	/	/	<=38.45	Pass
		Outer_Full	23.69	/	/	16.72	/	/	<=38.45	Pass
		Inner_Full	24.11	/	/	17.14	/	/	<=38.45	Pass
		Inner_1RB_Left	24.17	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Right	23.98	/	/	17.01	/	/	<=38.45	Pass
	844	Edge_1RB_Left	23.48	/	/	16.51	/	/	<=38.45	Pass
		Edge_1RB_Right	23.57	/	/	16.60	/	/	<=38.45	Pass
		Outer_Full	23.50	/	/	16.53	/	/	<=38.45	Pass
		Inner_Full	24.05	/	/	17.08	/	/	<=38.45	Pass
		Inner_1RB_Left	24.02	/	/	17.05	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	829	Inner_1RB_Right	23.91	/	/	16.94	/	/	<=38.45	Pass
		Edge_1RB_Left	23.31	/	/	16.34	/	/	<=38.45	Pass
		Edge_1RB_Right	23.11	/	/	16.14	/	/	<=38.45	Pass
		Outer_Full	23.27	/	/	16.30	/	/	<=38.45	Pass
		Inner_Full	24.30	/	/	17.33	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	24.19	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Right	23.85	/	/	16.88	/	/	<=38.45	Pass
		Edge_1RB_Left	23.15	/	/	16.18	/	/	<=38.45	Pass
		Edge_1RB_Right	22.95	/	/	15.98	/	/	<=38.45	Pass
		Outer_Full	23.20	/	/	16.23	/	/	<=38.45	Pass
	844	Inner_Full	24.13	/	/	17.16	/	/	<=38.45	Pass
		Inner_1RB_Left	24.14	/	/	17.17	/	/	<=38.45	Pass
		Inner_1RB_Right	23.88	/	/	16.91	/	/	<=38.45	Pass
		Edge_1RB_Left	22.97	/	/	16.00	/	/	<=38.45	Pass
		Edge_1RB_Right	22.99	/	/	16.02	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	829	Outer_Full	23.05	/	/	16.08	/	/	<=38.45	Pass
		Inner_Full	24.07	/	/	17.10	/	/	<=38.45	Pass
		Inner_1RB_Left	23.89	/	/	16.92	/	/	<=38.45	Pass
		Inner_1RB_Right	23.72	/	/	16.75	/	/	<=38.45	Pass
		Edge_1RB_Left	22.62	/	/	15.65	/	/	<=38.45	Pass
	836.5	Edge_1RB_Right	22.28	/	/	15.31	/	/	<=38.45	Pass
		Outer_Full	22.35	/	/	15.38	/	/	<=38.45	Pass
		Inner_Full	23.29	/	/	16.32	/	/	<=38.45	Pass
		Inner_1RB_Left	23.71	/	/	16.74	/	/	<=38.45	Pass
		Inner_1RB_Right	23.24	/	/	16.27	/	/	<=38.45	Pass
	844	Edge_1RB_Left	22.31	/	/	15.34	/	/	<=38.45	Pass
		Edge_1RB_Right	22.30	/	/	15.33	/	/	<=38.45	Pass
		Outer_Full	22.21	/	/	15.24	/	/	<=38.45	Pass
		Inner_Full	23.17	/	/	16.20	/	/	<=38.45	Pass
		Inner_1RB_Left	23.30	/	/	16.33	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	829	Inner_1RB_Right	23.40	/	/	16.43	/	/	<=38.45	Pass
		Edge_1RB_Left	22.27	/	/	15.30	/	/	<=38.45	Pass
		Edge_1RB_Right	22.17	/	/	15.20	/	/	<=38.45	Pass
		Outer_Full	22.11	/	/	15.14	/	/	<=38.45	Pass
		Inner_Full	23.11	/	/	16.14	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	23.36	/	/	16.39	/	/	<=38.45	Pass
		Inner_1RB_Right	23.14	/	/	16.17	/	/	<=38.45	Pass
		Edge_1RB_Left	22.27	/	/	15.30	/	/	<=38.45	Pass
		Edge_1RB_Right	21.70	/	/	14.73	/	/	<=38.45	Pass

		Outer_Full	21.82	/	/	14.85	/	/	<=38.45	Pass
		Inner_Full	21.89	/	/	14.92	/	/	<=38.45	Pass
		Inner_1RB_Left	22.23	/	/	15.26	/	/	<=38.45	Pass
		Inner_1RB_Right	21.85	/	/	14.88	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.94	/	/	14.97	/	/	<=38.45	Pass
		Edge_1RB_Right	21.95	/	/	14.98	/	/	<=38.45	Pass
		Outer_Full	21.69	/	/	14.72	/	/	<=38.45	Pass
		Inner_Full	21.73	/	/	14.76	/	/	<=38.45	Pass
		Inner_1RB_Left	21.83	/	/	14.86	/	/	<=38.45	Pass
		Inner_1RB_Right	21.83	/	/	14.86	/	/	<=38.45	Pass
		Edge_1RB_Left	21.76	/	/	14.79	/	/	<=38.45	Pass
		Edge_1RB_Right	21.69	/	/	14.72	/	/	<=38.45	Pass
	844	Outer_Full	21.70	/	/	14.73	/	/	<=38.45	Pass
		Inner_Full	21.77	/	/	14.80	/	/	<=38.45	Pass
		Inner_1RB_Left	21.89	/	/	14.92	/	/	<=38.45	Pass
		Inner_1RB_Right	21.76	/	/	14.79	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	829	Edge_1RB_Left	19.94	/	/	12.97	/	/	<=38.45	Pass
		Edge_1RB_Right	19.67	/	/	12.70	/	/	<=38.45	Pass
		Outer_Full	19.78	/	/	12.81	/	/	<=38.45	Pass
		Inner_Full	19.80	/	/	12.83	/	/	<=38.45	Pass
		Inner_1RB_Left	19.94	/	/	12.97	/	/	<=38.45	Pass
		Inner_1RB_Right	19.68	/	/	12.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.68	/	/	12.71	/	/	<=38.45	Pass
		Edge_1RB_Right	19.71	/	/	12.74	/	/	<=38.45	Pass
		Outer_Full	19.69	/	/	12.72	/	/	<=38.45	Pass
		Inner_Full	19.64	/	/	12.67	/	/	<=38.45	Pass
		Inner_1RB_Left	19.65	/	/	12.68	/	/	<=38.45	Pass
		Inner_1RB_Right	19.74	/	/	12.77	/	/	<=38.45	Pass
	844	Edge_1RB_Left	19.61	/	/	12.64	/	/	<=38.45	Pass
		Edge_1RB_Right	19.64	/	/	12.67	/	/	<=38.45	Pass
		Outer_Full	19.60	/	/	12.63	/	/	<=38.45	Pass
		Inner_Full	19.65	/	/	12.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.66	/	/	12.69	/	/	<=38.45	Pass
		Inner_1RB_Right	19.63	/	/	12.66	/	/	<=38.45	Pass
CP-OFDM QPSK	829	Edge_1RB_Left	21.33	/	/	14.36	/	/	<=38.45	Pass
		Edge_1RB_Right	21.13	/	/	14.16	/	/	<=38.45	Pass
		Outer_Full	21.32	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	22.74	/	/	15.77	/	/	<=38.45	Pass
		Inner_1RB_Left	22.85	/	/	15.88	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	15.59	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.13	/	/	14.16	/	/	<=38.45	Pass
		Edge_1RB_Right	21.09	/	/	14.12	/	/	<=38.45	Pass
		Outer_Full	21.26	/	/	14.29	/	/	<=38.45	Pass
		Inner_Full	22.65	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Left	22.58	/	/	15.61	/	/	<=38.45	Pass
		Inner_1RB_Right	22.56	/	/	15.59	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.99	/	/	14.02	/	/	<=38.45	Pass
		Edge_1RB_Right	21.14	/	/	14.17	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	22.50	/	/	15.53	/	/	<=38.45	Pass
		Inner_1RB_Left	22.49	/	/	15.52	/	/	<=38.45	Pass
		Inner_1RB_Right	22.64	/	/	15.67	/	/	<=38.45	Pass
CP-OFDM 16 QAM	829	Edge_1RB_Left	21.52	/	/	14.55	/	/	<=38.45	Pass
		Edge_1RB_Right	21.38	/	/	14.41	/	/	<=38.45	Pass
		Outer_Full	21.43	/	/	14.46	/	/	<=38.45	Pass
		Inner_Full	22.23	/	/	15.26	/	/	<=38.45	Pass
		Inner_1RB_Left	22.46	/	/	15.49	/	/	<=38.45	Pass
		Inner_1RB_Right	22.28	/	/	15.31	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.32	/	/	14.35	/	/	<=38.45	Pass

		Edge_1RB_Right	21.18	/	/	14.21	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	14.32	/	/	<=38.45	Pass
		Inner_Full	22.12	/	/	15.15	/	/	<=38.45	Pass
		Inner_1RB_Left	22.29	/	/	15.32	/	/	<=38.45	Pass
		Inner_1RB_Right	22.13	/	/	15.16	/	/	<=38.45	Pass
	844	Edge_1RB_Left	21.16	/	/	14.19	/	/	<=38.45	Pass
		Edge_1RB_Right	21.25	/	/	14.28	/	/	<=38.45	Pass
		Outer_Full	21.24	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	22.00	/	/	15.03	/	/	<=38.45	Pass
		Inner_1RB_Left	22.09	/	/	15.12	/	/	<=38.45	Pass
	Inner_1RB_Right	22.12	/	/	15.15	/	/	<=38.45	Pass	
CP-OFDM 64 QAM	829	Edge_1RB_Left	20.98	/	/	14.01	/	/	<=38.45	Pass
		Edge_1RB_Right	20.83	/	/	13.86	/	/	<=38.45	Pass
		Outer_Full	20.92	/	/	13.95	/	/	<=38.45	Pass
		Inner_Full	20.87	/	/	13.90	/	/	<=38.45	Pass
		Inner_1RB_Left	20.95	/	/	13.98	/	/	<=38.45	Pass
		Inner_1RB_Right	20.83	/	/	13.86	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.80	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Right	20.72	/	/	13.75	/	/	<=38.45	Pass
		Outer_Full	20.80	/	/	13.83	/	/	<=38.45	Pass
		Inner_Full	20.72	/	/	13.75	/	/	<=38.45	Pass
		Inner_1RB_Left	20.85	/	/	13.88	/	/	<=38.45	Pass
		Inner_1RB_Right	20.75	/	/	13.78	/	/	<=38.45	Pass
	844	Edge_1RB_Left	20.64	/	/	13.67	/	/	<=38.45	Pass
		Edge_1RB_Right	20.76	/	/	13.79	/	/	<=38.45	Pass
		Outer_Full	20.68	/	/	13.71	/	/	<=38.45	Pass
		Inner_Full	20.67	/	/	13.70	/	/	<=38.45	Pass
		Inner_1RB_Left	20.56	/	/	13.59	/	/	<=38.45	Pass
		Inner_1RB_Right	20.77	/	/	13.80	/	/	<=38.45	Pass
CP-OFDM 256 QAM	829	Edge_1RB_Left	18.08	/	/	11.11	/	/	<=38.45	Pass
		Edge_1RB_Right	17.92	/	/	10.95	/	/	<=38.45	Pass
		Outer_Full	17.85	/	/	10.88	/	/	<=38.45	Pass
		Inner_Full	17.86	/	/	10.89	/	/	<=38.45	Pass
		Inner_1RB_Left	18.10	/	/	11.13	/	/	<=38.45	Pass
		Inner_1RB_Right	17.92	/	/	10.95	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.88	/	/	10.91	/	/	<=38.45	Pass
		Edge_1RB_Right	17.80	/	/	10.83	/	/	<=38.45	Pass
		Outer_Full	17.76	/	/	10.79	/	/	<=38.45	Pass
		Inner_Full	17.71	/	/	10.74	/	/	<=38.45	Pass
		Inner_1RB_Left	17.89	/	/	10.92	/	/	<=38.45	Pass
		Inner_1RB_Right	17.78	/	/	10.81	/	/	<=38.45	Pass
	844	Edge_1RB_Left	17.72	/	/	10.75	/	/	<=38.45	Pass
		Edge_1RB_Right	17.81	/	/	10.84	/	/	<=38.45	Pass
		Outer_Full	17.57	/	/	10.60	/	/	<=38.45	Pass
		Inner_Full	17.62	/	/	10.65	/	/	<=38.45	Pass
		Inner_1RB_Left	17.69	/	/	10.72	/	/	<=38.45	Pass
		Inner_1RB_Right	17.76	/	/	10.79	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -4.82dBi;										
Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	23.79	/	/	16.82	/	/	<=38.45	Pass
		Edge_1RB_Right	23.57	/	/	16.60	/	/	<=38.45	Pass
		Outer_Full	23.76	/	/	16.79	/	/	<=38.45	Pass

		Inner Full	24.25	/	/	17.28	/	/	<=38.45	Pass
		Inner 1RB Left	24.29	/	/	17.32	/	/	<=38.45	Pass
		Inner 1RB Right	24.09	/	/	17.12	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.73	/	/	16.76	/	/	<=38.45	Pass
		Edge 1RB Right	23.52	/	/	16.55	/	/	<=38.45	Pass
		Outer Full	23.71	/	/	16.74	/	/	<=38.45	Pass
		Inner Full	24.18	/	/	17.21	/	/	<=38.45	Pass
		Inner 1RB Left	24.22	/	/	17.25	/	/	<=38.45	Pass
		Inner 1RB Right	23.99	/	/	17.02	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	23.58	/	/	16.61	/	/	<=38.45	Pass
		Edge 1RB Right	23.53	/	/	16.56	/	/	<=38.45	Pass
		Outer Full	23.58	/	/	16.61	/	/	<=38.45	Pass
		Inner Full	24.04	/	/	17.07	/	/	<=38.45	Pass
		Inner 1RB Left	24.01	/	/	17.04	/	/	<=38.45	Pass
		Inner 1RB Right	23.96	/	/	16.99	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge 1RB Left	23.27	/	/	16.30	/	/	<=38.45	Pass
		Edge 1RB Right	23.03	/	/	16.06	/	/	<=38.45	Pass
		Outer Full	23.27	/	/	16.30	/	/	<=38.45	Pass
		Inner Full	24.27	/	/	17.30	/	/	<=38.45	Pass
		Inner 1RB Left	24.17	/	/	17.20	/	/	<=38.45	Pass
		Inner 1RB Right	23.97	/	/	17.00	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	23.25	/	/	16.28	/	/	<=38.45	Pass
		Edge 1RB Right	23.02	/	/	16.05	/	/	<=38.45	Pass
		Outer Full	23.22	/	/	16.25	/	/	<=38.45	Pass
		Inner Full	24.26	/	/	17.29	/	/	<=38.45	Pass
		Inner 1RB Left	24.19	/	/	17.22	/	/	<=38.45	Pass
		Inner 1RB Right	23.93	/	/	16.96	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	23.14	/	/	16.17	/	/	<=38.45	Pass
		Edge 1RB Right	23.01	/	/	16.04	/	/	<=38.45	Pass
		Outer Full	23.11	/	/	16.14	/	/	<=38.45	Pass
		Inner Full	24.12	/	/	17.15	/	/	<=38.45	Pass
		Inner 1RB Left	23.93	/	/	16.96	/	/	<=38.45	Pass
		Inner 1RB Right	23.84	/	/	16.87	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge 1RB Left	22.44	/	/	15.47	/	/	<=38.45	Pass
		Edge 1RB Right	22.25	/	/	15.28	/	/	<=38.45	Pass
		Outer Full	22.27	/	/	15.30	/	/	<=38.45	Pass
		Inner Full	23.30	/	/	16.33	/	/	<=38.45	Pass
		Inner 1RB Left	23.66	/	/	16.69	/	/	<=38.45	Pass
		Inner 1RB Right	23.33	/	/	16.36	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.49	/	/	15.52	/	/	<=38.45	Pass
		Edge 1RB Right	22.39	/	/	15.42	/	/	<=38.45	Pass
		Outer Full	22.28	/	/	15.31	/	/	<=38.45	Pass
		Inner Full	23.29	/	/	16.32	/	/	<=38.45	Pass
		Inner 1RB Left	23.56	/	/	16.59	/	/	<=38.45	Pass
		Inner 1RB Right	23.56	/	/	16.59	/	/	<=38.45	Pass
	841.5	Edge 1RB Left	22.22	/	/	15.25	/	/	<=38.45	Pass
		Edge 1RB Right	22.23	/	/	15.26	/	/	<=38.45	Pass
		Outer Full	22.08	/	/	15.11	/	/	<=38.45	Pass
		Inner Full	23.14	/	/	16.17	/	/	<=38.45	Pass
		Inner 1RB Left	23.21	/	/	16.24	/	/	<=38.45	Pass
		Inner 1RB Right	23.26	/	/	16.29	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge 1RB Left	22.25	/	/	15.28	/	/	<=38.45	Pass
		Edge 1RB Right	21.87	/	/	14.90	/	/	<=38.45	Pass
		Outer Full	21.85	/	/	14.88	/	/	<=38.45	Pass
		Inner Full	21.85	/	/	14.88	/	/	<=38.45	Pass
		Inner 1RB Left	22.20	/	/	15.23	/	/	<=38.45	Pass
		Inner 1RB Right	21.87	/	/	14.90	/	/	<=38.45	Pass
	836.5	Edge 1RB Left	22.06	/	/	15.09	/	/	<=38.45	Pass
		Edge 1RB Right	21.88	/	/	14.91	/	/	<=38.45	Pass

		Outer_Full	21.78	/	/	14.81	/	/	<=38.45	Pass
		Inner_Full	21.74	/	/	14.77	/	/	<=38.45	Pass
		Inner_1RB_Left	22.09	/	/	15.12	/	/	<=38.45	Pass
		Inner_1RB_Right	21.99	/	/	15.02	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.82	/	/	14.85	/	/	<=38.45	Pass
		Edge_1RB_Right	21.83	/	/	14.86	/	/	<=38.45	Pass
		Outer_Full	21.62	/	/	14.65	/	/	<=38.45	Pass
		Inner_Full	21.74	/	/	14.77	/	/	<=38.45	Pass
		Inner_1RB_Left	21.75	/	/	14.78	/	/	<=38.45	Pass
		Inner_1RB_Right	21.82	/	/	14.85	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.86	/	/	12.89	/	/	<=38.45	Pass
		Edge_1RB_Right	19.62	/	/	12.65	/	/	<=38.45	Pass
		Outer_Full	19.76	/	/	12.79	/	/	<=38.45	Pass
		Inner_Full	19.78	/	/	12.81	/	/	<=38.45	Pass
		Inner_1RB_Left	19.84	/	/	12.87	/	/	<=38.45	Pass
		Inner_1RB_Right	19.60	/	/	12.63	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.80	/	/	12.83	/	/	<=38.45	Pass
		Edge_1RB_Right	19.61	/	/	12.64	/	/	<=38.45	Pass
		Outer_Full	19.72	/	/	12.75	/	/	<=38.45	Pass
		Inner_Full	19.76	/	/	12.79	/	/	<=38.45	Pass
		Inner_1RB_Left	19.78	/	/	12.81	/	/	<=38.45	Pass
		Inner_1RB_Right	19.70	/	/	12.73	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.62	/	/	12.65	/	/	<=38.45	Pass
		Edge_1RB_Right	19.66	/	/	12.69	/	/	<=38.45	Pass
		Outer_Full	19.60	/	/	12.63	/	/	<=38.45	Pass
		Inner_Full	19.65	/	/	12.68	/	/	<=38.45	Pass
		Inner_1RB_Left	19.59	/	/	12.62	/	/	<=38.45	Pass
		Inner_1RB_Right	19.69	/	/	12.72	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	21.31	/	/	14.34	/	/	<=38.45	Pass
		Edge_1RB_Right	21.07	/	/	14.10	/	/	<=38.45	Pass
		Outer_Full	21.32	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	22.77	/	/	15.80	/	/	<=38.45	Pass
		Inner_1RB_Left	22.83	/	/	15.86	/	/	<=38.45	Pass
		Inner_1RB_Right	22.67	/	/	15.70	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.18	/	/	14.21	/	/	<=38.45	Pass
		Edge_1RB_Right	21.05	/	/	14.08	/	/	<=38.45	Pass
		Outer_Full	21.27	/	/	14.30	/	/	<=38.45	Pass
		Inner_Full	22.67	/	/	15.70	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	15.72	/	/	<=38.45	Pass
		Inner_1RB_Right	22.60	/	/	15.63	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.06	/	/	14.09	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	14.07	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	14.20	/	/	<=38.45	Pass
		Inner_Full	22.56	/	/	15.59	/	/	<=38.45	Pass
		Inner_1RB_Left	22.53	/	/	15.56	/	/	<=38.45	Pass
		Inner_1RB_Right	22.39	/	/	15.42	/	/	<=38.45	Pass
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.47	/	/	14.50	/	/	<=38.45	Pass
		Edge_1RB_Right	21.30	/	/	14.33	/	/	<=38.45	Pass
		Outer_Full	21.37	/	/	14.40	/	/	<=38.45	Pass
		Inner_Full	22.39	/	/	15.42	/	/	<=38.45	Pass
		Inner_1RB_Left	22.40	/	/	15.43	/	/	<=38.45	Pass
		Inner_1RB_Right	22.27	/	/	15.30	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.38	/	/	14.41	/	/	<=38.45	Pass
		Edge_1RB_Right	21.24	/	/	14.27	/	/	<=38.45	Pass
		Outer_Full	21.24	/	/	14.27	/	/	<=38.45	Pass
		Inner_Full	22.21	/	/	15.24	/	/	<=38.45	Pass
		Inner_1RB_Left	22.35	/	/	15.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.26	/	/	15.29	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.24	/	/	14.27	/	/	<=38.45	Pass

		Edge_1RB_Right	21.27	/	/	14.30	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	14.20	/	/	<=38.45	Pass
		Inner_Full	22.10	/	/	15.13	/	/	<=38.45	Pass
		Inner_1RB_Left	22.18	/	/	15.21	/	/	<=38.45	Pass
		Inner_1RB_Right	22.15	/	/	15.18	/	/	<=38.45	Pass
CP-OFDM 64 QAM	831.5	Edge_1RB_Left	21.00	/	/	14.03	/	/	<=38.45	Pass
		Edge_1RB_Right	20.69	/	/	13.72	/	/	<=38.45	Pass
		Outer_Full	20.93	/	/	13.96	/	/	<=38.45	Pass
		Inner_Full	20.87	/	/	13.90	/	/	<=38.45	Pass
		Inner_1RB_Left	20.96	/	/	13.99	/	/	<=38.45	Pass
		Inner_1RB_Right	20.73	/	/	13.76	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.83	/	/	13.86	/	/	<=38.45	Pass
		Edge_1RB_Right	20.77	/	/	13.80	/	/	<=38.45	Pass
		Outer_Full	20.82	/	/	13.85	/	/	<=38.45	Pass
		Inner_Full	20.82	/	/	13.85	/	/	<=38.45	Pass
		Inner_1RB_Left	20.90	/	/	13.93	/	/	<=38.45	Pass
		Inner_1RB_Right	20.78	/	/	13.81	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	20.76	/	/	13.79	/	/	<=38.45	Pass
		Edge_1RB_Right	20.66	/	/	13.69	/	/	<=38.45	Pass
		Outer_Full	20.66	/	/	13.69	/	/	<=38.45	Pass
		Inner_Full	20.75	/	/	13.78	/	/	<=38.45	Pass
		Inner_1RB_Left	20.62	/	/	13.65	/	/	<=38.45	Pass
		Inner_1RB_Right	20.68	/	/	13.71	/	/	<=38.45	Pass
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	18.04	/	/	11.07	/	/	<=38.45	Pass
		Edge_1RB_Right	17.77	/	/	10.80	/	/	<=38.45	Pass
		Outer_Full	17.82	/	/	10.85	/	/	<=38.45	Pass
		Inner_Full	17.82	/	/	10.85	/	/	<=38.45	Pass
		Inner_1RB_Left	18.05	/	/	11.08	/	/	<=38.45	Pass
		Inner_1RB_Right	17.76	/	/	10.79	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	18.01	/	/	11.04	/	/	<=38.45	Pass
		Edge_1RB_Right	17.85	/	/	10.88	/	/	<=38.45	Pass
		Outer_Full	17.82	/	/	10.85	/	/	<=38.45	Pass
		Inner_Full	17.74	/	/	10.77	/	/	<=38.45	Pass
		Inner_1RB_Left	17.88	/	/	10.91	/	/	<=38.45	Pass
		Inner_1RB_Right	17.74	/	/	10.77	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.80	/	/	10.83	/	/	<=38.45	Pass
		Edge_1RB_Right	17.71	/	/	10.74	/	/	<=38.45	Pass
		Outer_Full	17.62	/	/	10.65	/	/	<=38.45	Pass
		Inner_Full	17.63	/	/	10.66	/	/	<=38.45	Pass
		Inner_1RB_Left	17.72	/	/	10.75	/	/	<=38.45	Pass
		Inner_1RB_Right	17.76	/	/	10.79	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -4.82dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15_S_20M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	23.72	/	/	16.75	/	/	<=38.45	Pass
		Edge_1RB_Right	23.48	/	/	16.51	/	/	<=38.45	Pass
		Outer_Full	23.73	/	/	16.76	/	/	<=38.45	Pass
		Inner_Full	24.23	/	/	17.26	/	/	<=38.45	Pass
		Inner_1RB_Left	24.25	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	16.96	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.73	/	/	16.76	/	/	<=38.45	Pass
		Edge_1RB_Right	23.55	/	/	16.58	/	/	<=38.45	Pass
		Outer_Full	23.77	/	/	16.80	/	/	<=38.45	Pass

		Inner_Full	24.23	/	/	17.26	/	/	<=38.45	Pass
		Inner_1RB_Left	24.24	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Right	24.05	/	/	17.08	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.73	/	/	16.76	/	/	<=38.45	Pass
		Edge_1RB_Right	23.61	/	/	16.64	/	/	<=38.45	Pass
		Outer_Full	23.63	/	/	16.66	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Left	24.25	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Right	23.81	/	/	16.84	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	23.19	/	/	16.22	/	/	<=38.45	Pass
		Edge_1RB_Right	22.90	/	/	15.93	/	/	<=38.45	Pass
		Outer_Full	23.25	/	/	16.28	/	/	<=38.45	Pass
		Inner_Full	24.19	/	/	17.22	/	/	<=38.45	Pass
		Inner_1RB_Left	24.12	/	/	17.15	/	/	<=38.45	Pass
		Inner_1RB_Right	23.82	/	/	16.85	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.26	/	/	16.29	/	/	<=38.45	Pass
		Edge_1RB_Right	23.11	/	/	16.14	/	/	<=38.45	Pass
		Outer_Full	23.26	/	/	16.29	/	/	<=38.45	Pass
		Inner_Full	24.17	/	/	17.20	/	/	<=38.45	Pass
		Inner_1RB_Left	24.20	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Right	23.71	/	/	16.74	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.22	/	/	16.25	/	/	<=38.45	Pass
		Edge_1RB_Right	23.06	/	/	16.09	/	/	<=38.45	Pass
		Outer_Full	23.18	/	/	16.21	/	/	<=38.45	Pass
		Inner_Full	24.21	/	/	17.24	/	/	<=38.45	Pass
		Inner_1RB_Left	24.20	/	/	17.23	/	/	<=38.45	Pass
		Inner_1RB_Right	23.69	/	/	16.72	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	22.50	/	/	15.53	/	/	<=38.45	Pass
		Edge_1RB_Right	22.13	/	/	15.16	/	/	<=38.45	Pass
		Outer_Full	22.23	/	/	15.26	/	/	<=38.45	Pass
		Inner_Full	23.20	/	/	16.23	/	/	<=38.45	Pass
		Inner_1RB_Left	23.41	/	/	16.44	/	/	<=38.45	Pass
		Inner_1RB_Right	23.29	/	/	16.32	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.47	/	/	15.50	/	/	<=38.45	Pass
		Edge_1RB_Right	22.29	/	/	15.32	/	/	<=38.45	Pass
		Outer_Full	22.27	/	/	15.30	/	/	<=38.45	Pass
		Inner_Full	23.23	/	/	16.26	/	/	<=38.45	Pass
		Inner_1RB_Left	23.55	/	/	16.58	/	/	<=38.45	Pass
		Inner_1RB_Right	23.33	/	/	16.36	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.42	/	/	15.45	/	/	<=38.45	Pass
		Edge_1RB_Right	22.25	/	/	15.28	/	/	<=38.45	Pass
		Outer_Full	22.16	/	/	15.19	/	/	<=38.45	Pass
		Inner_Full	23.21	/	/	16.24	/	/	<=38.45	Pass
		Inner_1RB_Left	23.43	/	/	16.46	/	/	<=38.45	Pass
		Inner_1RB_Right	23.31	/	/	16.34	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	22.18	/	/	15.21	/	/	<=38.45	Pass
		Edge_1RB_Right	21.94	/	/	14.97	/	/	<=38.45	Pass
		Outer_Full	21.74	/	/	14.77	/	/	<=38.45	Pass
		Inner_Full	21.70	/	/	14.73	/	/	<=38.45	Pass
		Inner_1RB_Left	22.06	/	/	15.09	/	/	<=38.45	Pass
		Inner_1RB_Right	21.68	/	/	14.71	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.20	/	/	15.23	/	/	<=38.45	Pass
		Edge_1RB_Right	21.80	/	/	14.83	/	/	<=38.45	Pass
		Outer_Full	21.80	/	/	14.83	/	/	<=38.45	Pass
		Inner_Full	21.76	/	/	14.79	/	/	<=38.45	Pass
		Inner_1RB_Left	22.18	/	/	15.21	/	/	<=38.45	Pass
		Inner_1RB_Right	22.00	/	/	15.03	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.00	/	/	15.03	/	/	<=38.45	Pass
		Edge_1RB_Right	21.87	/	/	14.90	/	/	<=38.45	Pass

		Outer_Full	21.61	/	/	14.64	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	14.69	/	/	<=38.45	Pass
		Inner_1RB_Left	22.01	/	/	15.04	/	/	<=38.45	Pass
		Inner_1RB_Right	21.88	/	/	14.91	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	19.85	/	/	12.88	/	/	<=38.45	Pass
		Edge_1RB_Right	19.60	/	/	12.63	/	/	<=38.45	Pass
		Outer_Full	19.72	/	/	12.75	/	/	<=38.45	Pass
		Inner_Full	19.74	/	/	12.77	/	/	<=38.45	Pass
		Inner_1RB_Left	19.83	/	/	12.86	/	/	<=38.45	Pass
		Inner_1RB_Right	19.63	/	/	12.66	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.83	/	/	12.86	/	/	<=38.45	Pass
		Edge_1RB_Right	19.65	/	/	12.68	/	/	<=38.45	Pass
		Outer_Full	19.77	/	/	12.80	/	/	<=38.45	Pass
		Inner_Full	19.75	/	/	12.78	/	/	<=38.45	Pass
		Inner_1RB_Left	19.86	/	/	12.89	/	/	<=38.45	Pass
		Inner_1RB_Right	19.70	/	/	12.73	/	/	<=38.45	Pass
	839	Edge_1RB_Left	19.76	/	/	12.79	/	/	<=38.45	Pass
		Edge_1RB_Right	19.71	/	/	12.74	/	/	<=38.45	Pass
		Outer_Full	19.64	/	/	12.67	/	/	<=38.45	Pass
		Inner_Full	19.68	/	/	12.71	/	/	<=38.45	Pass
		Inner_1RB_Left	19.74	/	/	12.77	/	/	<=38.45	Pass
		Inner_1RB_Right	19.68	/	/	12.71	/	/	<=38.45	Pass
CP-OFDM QPSK	834	Edge_1RB_Left	21.28	/	/	14.31	/	/	<=38.45	Pass
		Edge_1RB_Right	20.94	/	/	13.97	/	/	<=38.45	Pass
		Outer_Full	21.35	/	/	14.38	/	/	<=38.45	Pass
		Inner_Full	22.65	/	/	15.68	/	/	<=38.45	Pass
		Inner_1RB_Left	22.63	/	/	15.66	/	/	<=38.45	Pass
		Inner_1RB_Right	22.39	/	/	15.42	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.21	/	/	14.24	/	/	<=38.45	Pass
		Edge_1RB_Right	21.04	/	/	14.07	/	/	<=38.45	Pass
		Outer_Full	21.32	/	/	14.35	/	/	<=38.45	Pass
		Inner_Full	22.73	/	/	15.76	/	/	<=38.45	Pass
		Inner_1RB_Left	22.72	/	/	15.75	/	/	<=38.45	Pass
		Inner_1RB_Right	22.49	/	/	15.52	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.19	/	/	14.22	/	/	<=38.45	Pass
		Edge_1RB_Right	21.16	/	/	14.19	/	/	<=38.45	Pass
		Outer_Full	21.17	/	/	14.20	/	/	<=38.45	Pass
		Inner_Full	22.62	/	/	15.65	/	/	<=38.45	Pass
		Inner_1RB_Left	22.56	/	/	15.59	/	/	<=38.45	Pass
		Inner_1RB_Right	22.37	/	/	15.40	/	/	<=38.45	Pass
CP-OFDM 16 QAM	834	Edge_1RB_Left	21.40	/	/	14.43	/	/	<=38.45	Pass
		Edge_1RB_Right	21.15	/	/	14.18	/	/	<=38.45	Pass
		Outer_Full	21.29	/	/	14.32	/	/	<=38.45	Pass
		Inner_Full	22.19	/	/	15.22	/	/	<=38.45	Pass
		Inner_1RB_Left	22.35	/	/	15.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.02	/	/	15.05	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.42	/	/	14.45	/	/	<=38.45	Pass
		Edge_1RB_Right	21.28	/	/	14.31	/	/	<=38.45	Pass
		Outer_Full	21.22	/	/	14.25	/	/	<=38.45	Pass
		Inner_Full	22.26	/	/	15.29	/	/	<=38.45	Pass
		Inner_1RB_Left	22.41	/	/	15.44	/	/	<=38.45	Pass
		Inner_1RB_Right	22.18	/	/	15.21	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.30	/	/	14.33	/	/	<=38.45	Pass
		Edge_1RB_Right	21.32	/	/	14.35	/	/	<=38.45	Pass
		Outer_Full	21.12	/	/	14.15	/	/	<=38.45	Pass
		Inner_Full	22.17	/	/	15.20	/	/	<=38.45	Pass
		Inner_1RB_Left	22.37	/	/	15.40	/	/	<=38.45	Pass
		Inner_1RB_Right	22.10	/	/	15.13	/	/	<=38.45	Pass
CP-OFDM 64 QAM	834	Edge_1RB_Left	20.93	/	/	13.96	/	/	<=38.45	Pass

		Edge_1RB_Right	20.63	/	/	13.66	/	/	<=38.45	Pass
		Outer_Full	20.83	/	/	13.86	/	/	<=38.45	Pass
		Inner_Full	20.69	/	/	13.72	/	/	<=38.45	Pass
		Inner_1RB_Left	20.92	/	/	13.95	/	/	<=38.45	Pass
		Inner_1RB_Right	20.58	/	/	13.61	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	20.94	/	/	13.97	/	/	<=38.45	Pass
		Edge_1RB_Right	20.75	/	/	13.78	/	/	<=38.45	Pass
		Outer_Full	20.78	/	/	13.81	/	/	<=38.45	Pass
		Inner_Full	20.73	/	/	13.76	/	/	<=38.45	Pass
		Inner_1RB_Left	20.97	/	/	14.00	/	/	<=38.45	Pass
	839	Inner_1RB_Right	20.80	/	/	13.83	/	/	<=38.45	Pass
		Edge_1RB_Left	20.85	/	/	13.88	/	/	<=38.45	Pass
		Edge_1RB_Right	20.78	/	/	13.81	/	/	<=38.45	Pass
		Outer_Full	20.64	/	/	13.67	/	/	<=38.45	Pass
		Inner_Full	20.71	/	/	13.74	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Inner_1RB_Left	20.82	/	/	13.85	/	/	<=38.45	Pass
		Inner_1RB_Right	20.76	/	/	13.79	/	/	<=38.45	Pass
		Edge_1RB_Left	18.00	/	/	11.03	/	/	<=38.45	Pass
		Edge_1RB_Right	17.69	/	/	10.72	/	/	<=38.45	Pass
		Outer_Full	17.83	/	/	10.86	/	/	<=38.45	Pass
		Inner_Full	17.67	/	/	10.70	/	/	<=38.45	Pass
	836.5	Inner_1RB_Left	17.95	/	/	10.98	/	/	<=38.45	Pass
		Inner_1RB_Right	17.67	/	/	10.70	/	/	<=38.45	Pass
		Edge_1RB_Left	18.02	/	/	11.05	/	/	<=38.45	Pass
		Edge_1RB_Right	17.62	/	/	10.65	/	/	<=38.45	Pass
		Outer_Full	17.75	/	/	10.78	/	/	<=38.45	Pass
		Inner_Full	17.63	/	/	10.66	/	/	<=38.45	Pass
	839	Inner_1RB_Left	17.85	/	/	10.88	/	/	<=38.45	Pass
		Inner_1RB_Right	17.67	/	/	10.70	/	/	<=38.45	Pass
		Edge_1RB_Left	17.91	/	/	10.94	/	/	<=38.45	Pass
		Edge_1RB_Right	17.85	/	/	10.88	/	/	<=38.45	Pass
		Outer_Full	17.67	/	/	10.70	/	/	<=38.45	Pass
Inner_Full		17.62	/	/	10.65	/	/	<=38.45	Pass	
	Inner_1RB_Left	17.90	/	/	10.93	/	/	<=38.45	Pass	
	Inner_1RB_Right	17.73	/	/	10.76	/	/	<=38.45	Pass	
Note1: Antenna Gain: Ant2: -4.82dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.5 15_S_25M_NTNV_ERP

5G NR n5 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	23.80	/	/	16.83	/	/	<=38.45	Pass
		Edge_1RB_Right	23.56	/	/	16.59	/	/	<=38.45	Pass
		Outer_Full	23.75	/	/	16.78	/	/	<=38.45	Pass
		Inner_Full	24.24	/	/	17.27	/	/	<=38.45	Pass
		Inner_1RB_Left	24.29	/	/	17.32	/	/	<=38.45	Pass
		Inner_1RB_Right	24.12	/	/	17.15	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	23.29	/	/	16.32	/	/	<=38.45	Pass
		Edge_1RB_Right	23.07	/	/	16.10	/	/	<=38.45	Pass
		Outer_Full	23.30	/	/	16.33	/	/	<=38.45	Pass
		Inner_Full	24.25	/	/	17.28	/	/	<=38.45	Pass
		Inner_1RB_Left	24.18	/	/	17.21	/	/	<=38.45	Pass
		Inner_1RB_Right	23.97	/	/	17.00	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	836.5	Edge_1RB_Left	22.52	/	/	15.55	/	/	<=38.45	Pass
		Edge_1RB_Right	22.25	/	/	15.28	/	/	<=38.45	Pass
		Outer_Full	22.27	/	/	15.30	/	/	<=38.45	Pass

		Inner Full	23.25	/	/	16.28	/	/	<=38.45	Pass
		Inner 1RB Left	23.67	/	/	16.70	/	/	<=38.45	Pass
		Inner 1RB Right	23.23	/	/	16.26	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	836.5	Edge 1RB Left	22.13	/	/	15.16	/	/	<=38.45	Pass
		Edge 1RB Right	21.94	/	/	14.97	/	/	<=38.45	Pass
		Outer Full	21.81	/	/	14.84	/	/	<=38.45	Pass
		Inner Full	21.85	/	/	14.88	/	/	<=38.45	Pass
		Inner 1RB Left	22.16	/	/	15.19	/	/	<=38.45	Pass
		Inner 1RB Right	21.91	/	/	14.94	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	836.5	Edge 1RB Left	19.88	/	/	12.91	/	/	<=38.45	Pass
		Edge 1RB Right	19.66	/	/	12.69	/	/	<=38.45	Pass
		Outer Full	19.81	/	/	12.84	/	/	<=38.45	Pass
		Inner Full	19.75	/	/	12.78	/	/	<=38.45	Pass
		Inner 1RB Left	19.82	/	/	12.85	/	/	<=38.45	Pass
		Inner 1RB Right	19.64	/	/	12.67	/	/	<=38.45	Pass
CP-OFDM QPSK	836.5	Edge 1RB Left	21.24	/	/	14.27	/	/	<=38.45	Pass
		Edge 1RB Right	21.05	/	/	14.08	/	/	<=38.45	Pass
		Outer Full	21.25	/	/	14.28	/	/	<=38.45	Pass
		Inner Full	22.69	/	/	15.72	/	/	<=38.45	Pass
		Inner 1RB Left	22.74	/	/	15.77	/	/	<=38.45	Pass
		Inner 1RB Right	22.59	/	/	15.62	/	/	<=38.45	Pass
CP-OFDM 16 QAM	836.5	Edge 1RB Left	21.45	/	/	14.48	/	/	<=38.45	Pass
		Edge 1RB Right	21.29	/	/	14.32	/	/	<=38.45	Pass
		Outer Full	21.27	/	/	14.30	/	/	<=38.45	Pass
		Inner Full	22.25	/	/	15.28	/	/	<=38.45	Pass
		Inner 1RB Left	22.36	/	/	15.39	/	/	<=38.45	Pass
		Inner 1RB Right	22.21	/	/	15.24	/	/	<=38.45	Pass
CP-OFDM 64 QAM	836.5	Edge 1RB Left	20.86	/	/	13.89	/	/	<=38.45	Pass
		Edge 1RB Right	20.78	/	/	13.81	/	/	<=38.45	Pass
		Outer Full	20.78	/	/	13.81	/	/	<=38.45	Pass
		Inner Full	20.78	/	/	13.81	/	/	<=38.45	Pass
		Inner 1RB Left	20.85	/	/	13.88	/	/	<=38.45	Pass
		Inner 1RB Right	20.78	/	/	13.81	/	/	<=38.45	Pass
CP-OFDM 256 QAM	836.5	Edge 1RB Left	17.94	/	/	10.97	/	/	<=38.45	Pass
		Edge 1RB Right	17.74	/	/	10.77	/	/	<=38.45	Pass
		Outer Full	17.81	/	/	10.84	/	/	<=38.45	Pass
		Inner Full	17.77	/	/	10.80	/	/	<=38.45	Pass
		Inner 1RB Left	17.93	/	/	10.96	/	/	<=38.45	Pass
		Inner 1RB Right	17.82	/	/	10.85	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant2: -4.82dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_25M

5G NR n5 SCS=15kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	836.5	Outer_Full	20	LV	-10.80	-0.0129	>=-2.5 & <=2.5	Pass
				HV	-9.40	-0.0112	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0071	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0111	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0093	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0094	>=-2.5 & <=2.5	Pass
			30	NV	-6.30	-0.0075	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0073	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_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	836.5	Outer_Full	4.55	5.02	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	4.55	4.99	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	4.54	4.99	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	4.56	5.00	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	4.54	4.99	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	4.53	4.94	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	4.53	4.96	/	Pass
CP-OFDM 64 QAM	836.5	Outer_Full	4.54	5.03	/	Pass
CP-OFDM 256 QAM	836.5	Outer_Full	4.51	5.02	/	Pass

3.1.2 15_S_10M_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	836.5	Outer_Full	9.11	9.76	/	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	9.03	9.71	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer_Full	9.02	9.70	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer_Full	9.06	9.72	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer_Full	9.02	9.70	/	Pass
CP-OFDM QPSK	836.5	Outer_Full	9.36	10.08	/	Pass
CP-OFDM 16 QAM	836.5	Outer_Full	9.39	10.09	/	Pass

CP-OFDM 64 QAM	836.5	Outer Full	9.39	10.06	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	9.37	10.04	/	Pass

3.1.3 15_S_15M_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	836.5	Outer Full	13.60	14.56	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	13.57	14.56	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	13.56	14.57	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	13.60	14.58	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	13.55	14.54	/	Pass
CP-OFDM QPSK	836.5	Outer Full	14.23	15.63	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	14.30	15.26	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	14.28	15.32	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	14.24	15.25	/	Pass

3.1.4 15_S_20M_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	836.5	Outer Full	18.11	19.36	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	18.04	19.40	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	18.05	19.37	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	18.09	19.39	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	18.02	19.34	/	Pass
CP-OFDM QPSK	836.5	Outer Full	19.11	20.91	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	19.07	21.69	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	19.16	20.50	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	19.03	20.44	/	Pass

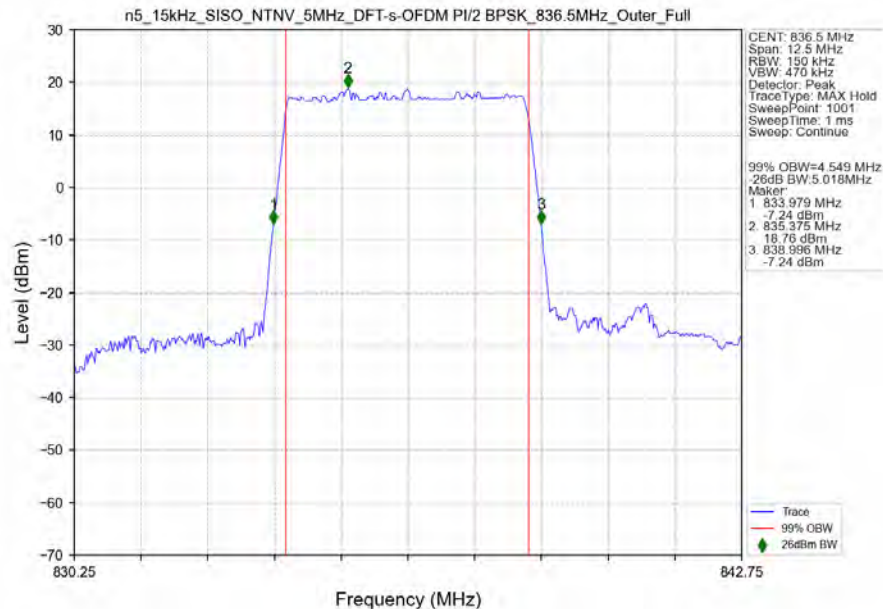
3.1.5 15_S_25M_NTNV

5G NR n5 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	836.5	Outer Full	23.07	24.68	/	Pass
DFT-s-OFDM QPSK	836.5	Outer Full	23.05	24.67	/	Pass
DFT-s-OFDM 16 QAM	836.5	Outer Full	23.02	24.68	/	Pass
DFT-s-OFDM 64 QAM	836.5	Outer Full	23.07	24.70	/	Pass
DFT-s-OFDM 256 QAM	836.5	Outer Full	23.00	24.64	/	Pass
CP-OFDM QPSK	836.5	Outer Full	23.96	25.61	/	Pass
CP-OFDM 16 QAM	836.5	Outer Full	23.97	25.85	/	Pass
CP-OFDM 64 QAM	836.5	Outer Full	23.99	25.63	/	Pass
CP-OFDM 256 QAM	836.5	Outer Full	23.85	25.59	/	Pass

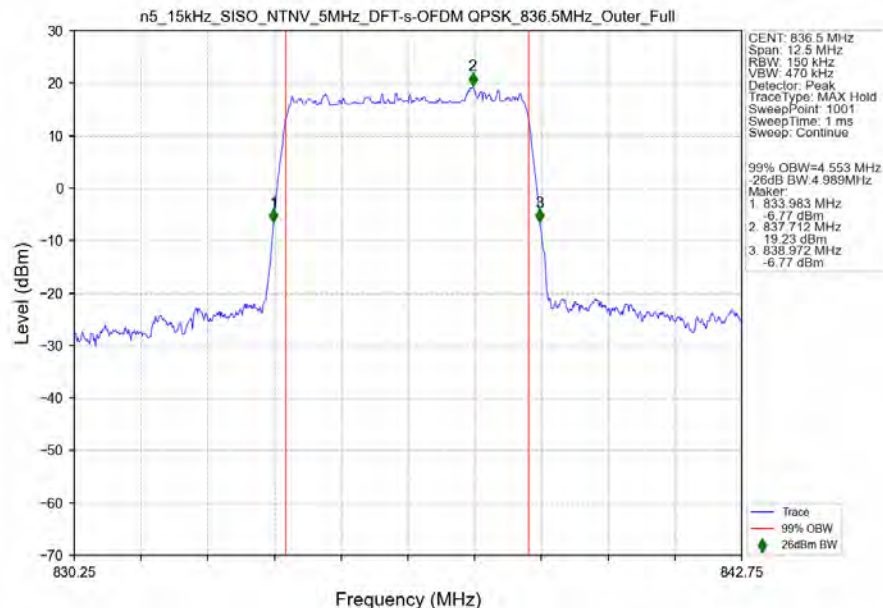
3.2 Test Graph

3.2.1 15_S_5M_NTNV

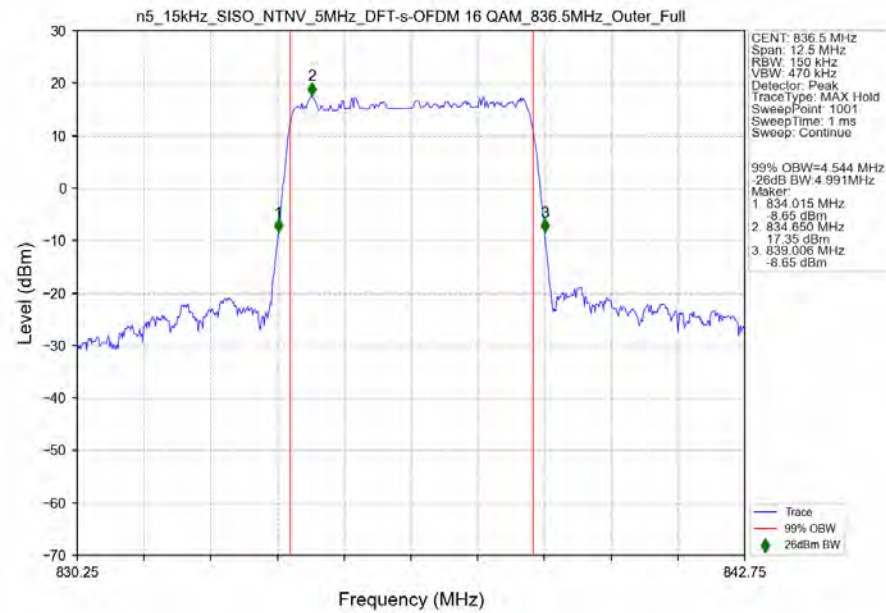
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_836.5MHz_Outer_Full_Ant2



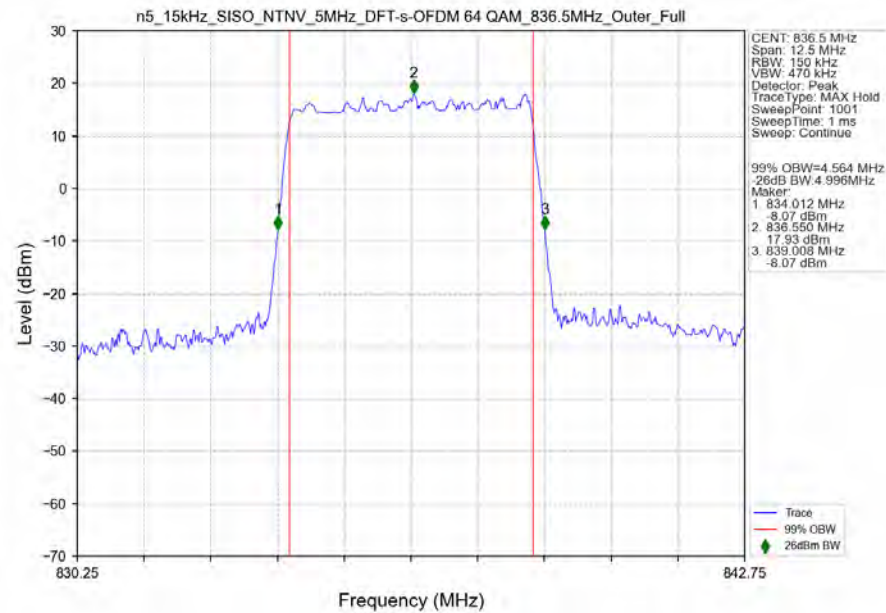
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_836.5MHz_Outer_Full_Ant2



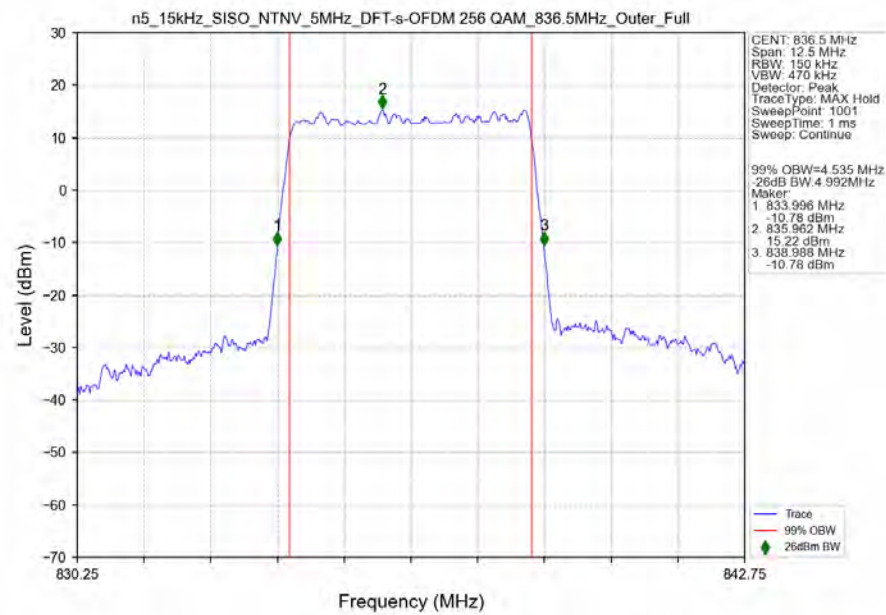
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant2



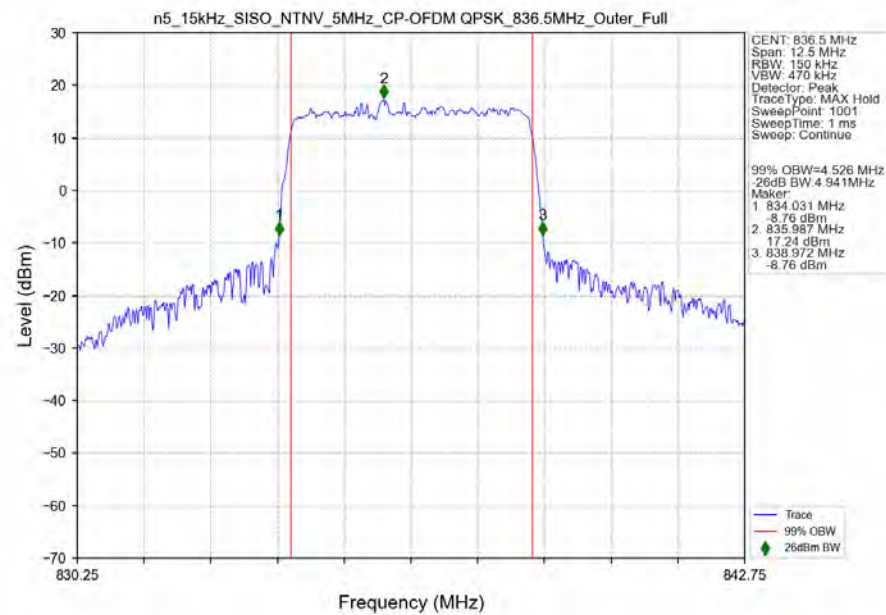
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_836.5MHz_Outer_Full_Ant2



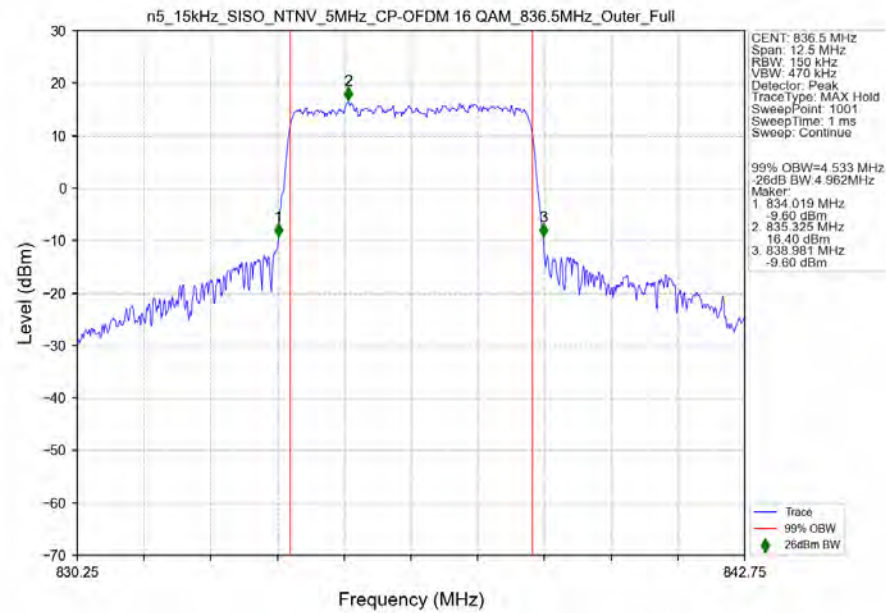
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



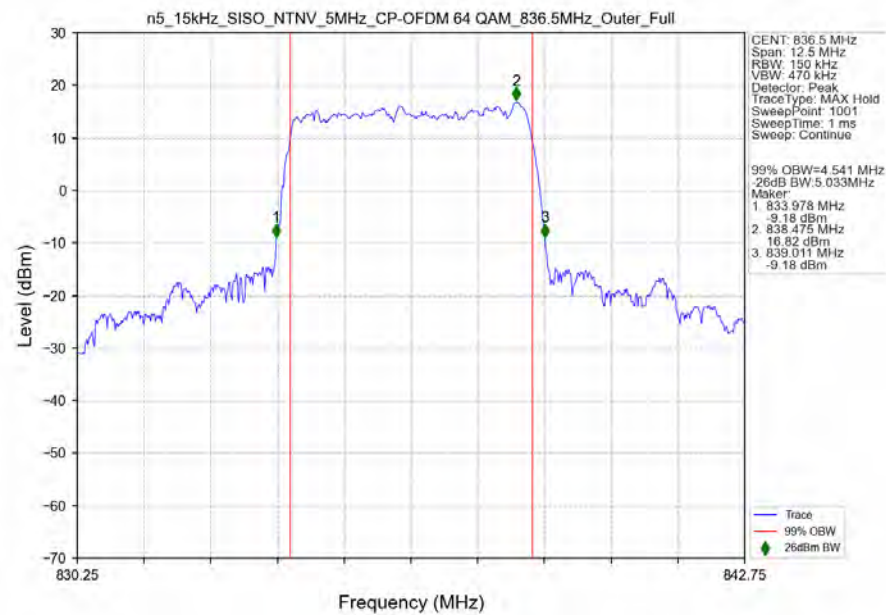
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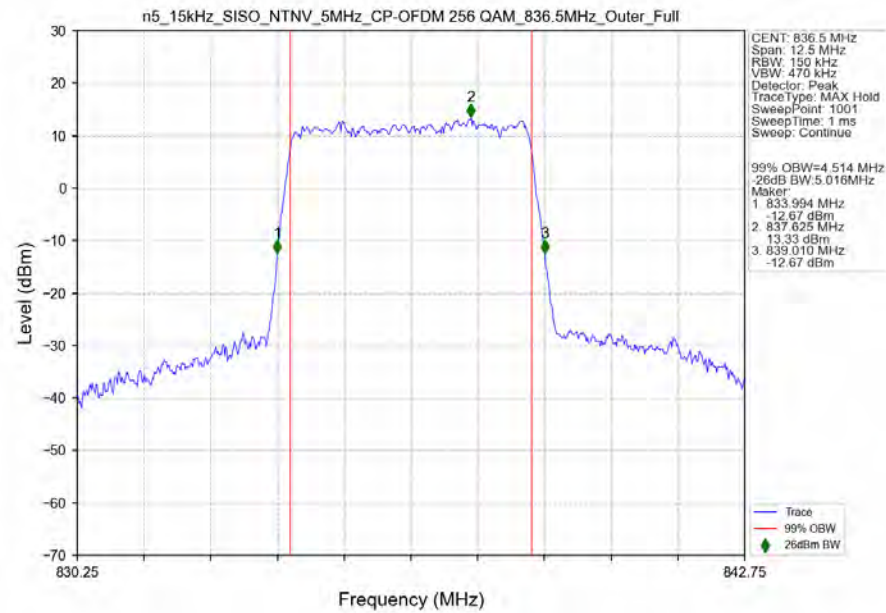
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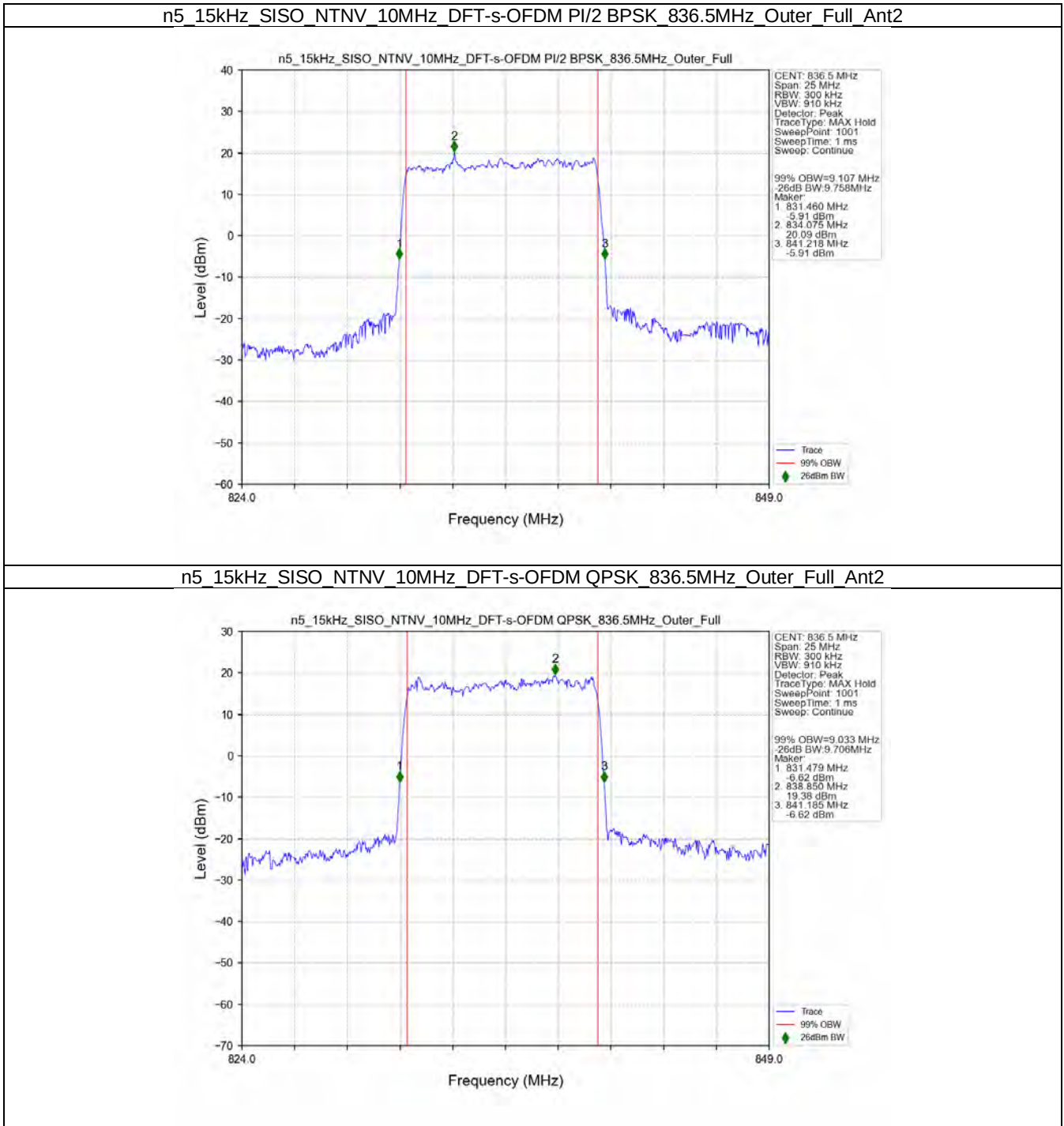
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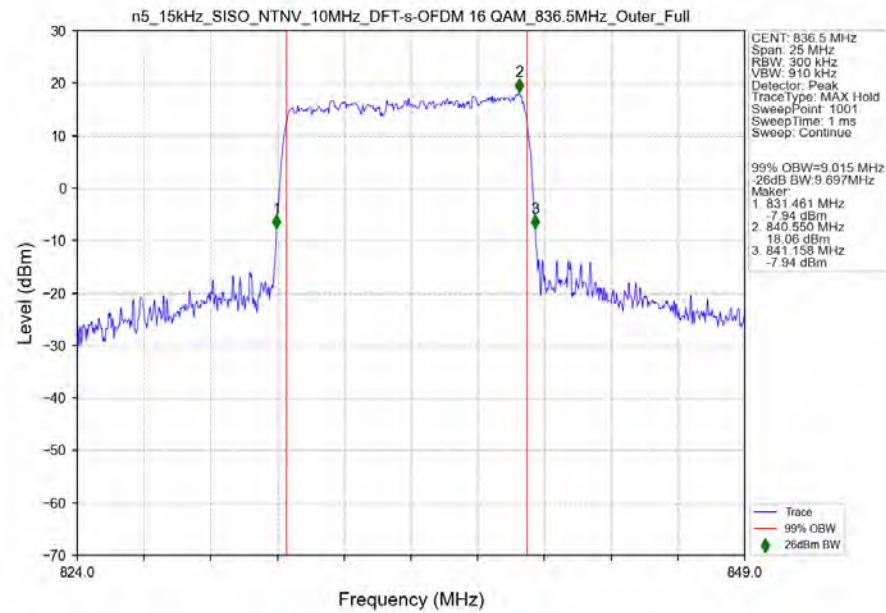
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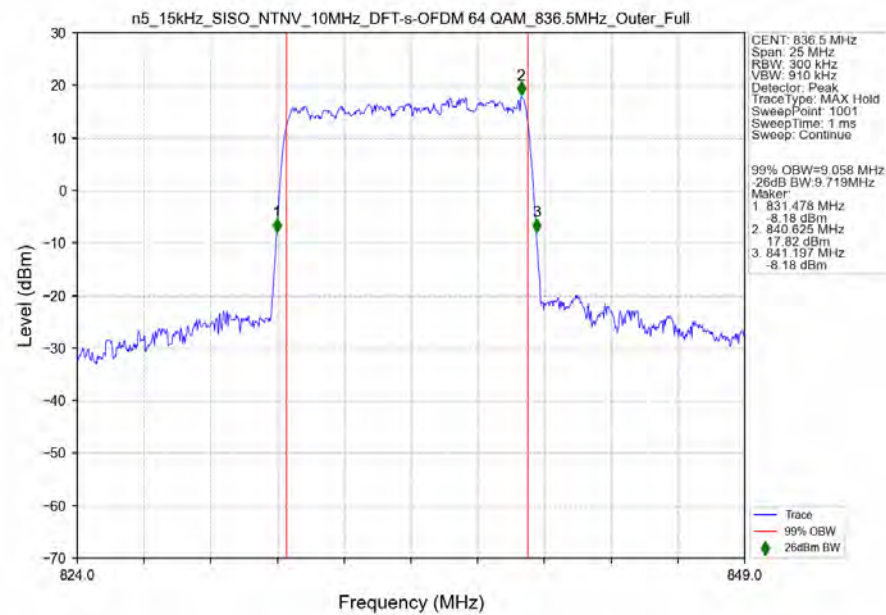
3.2.2 15_S_10M_NTNV



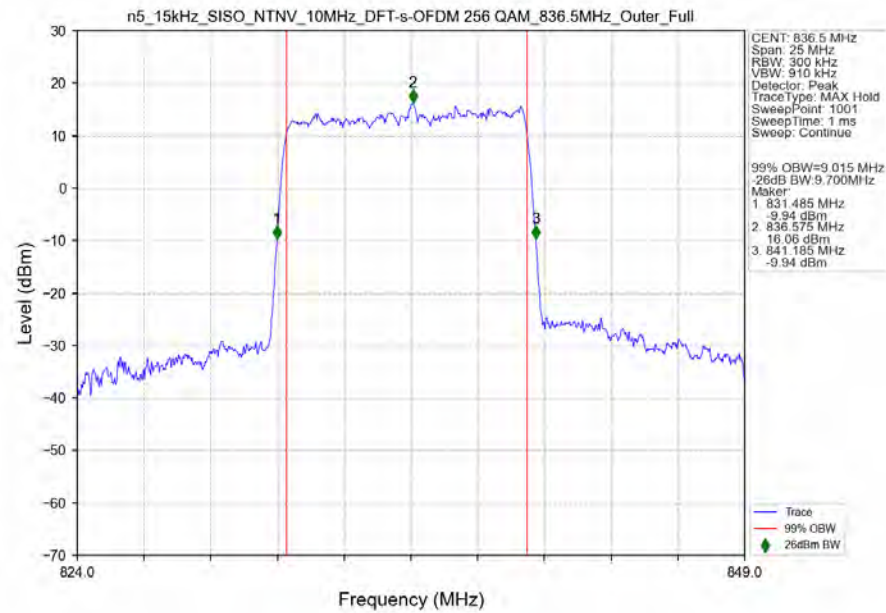
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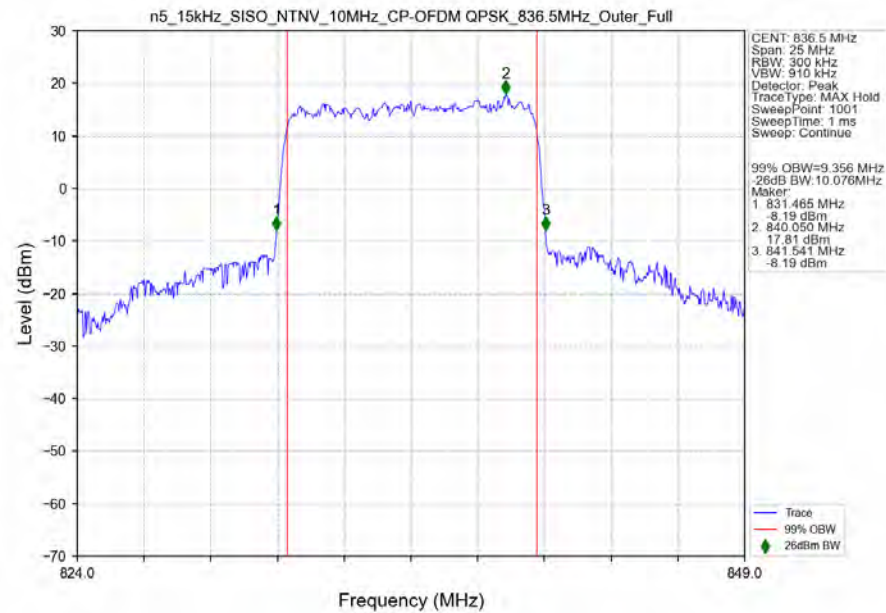
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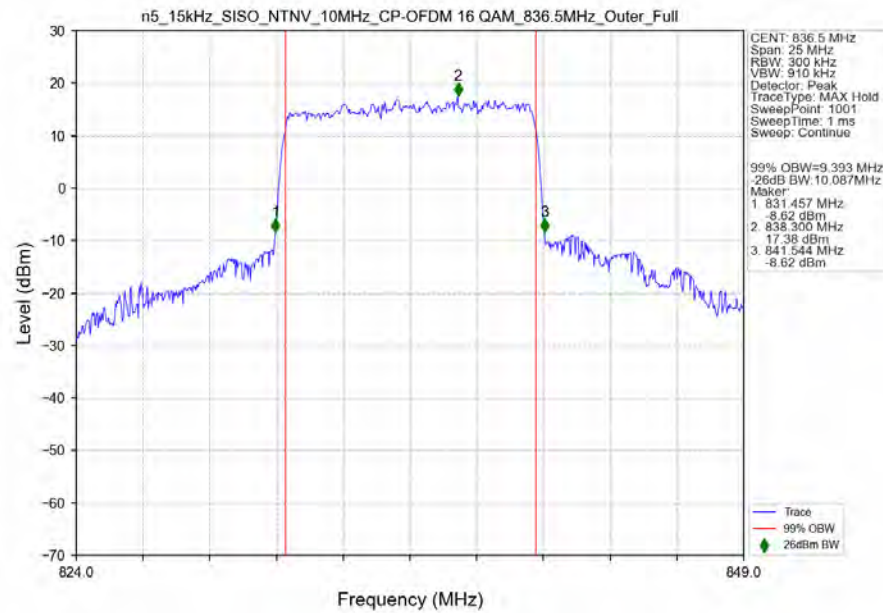
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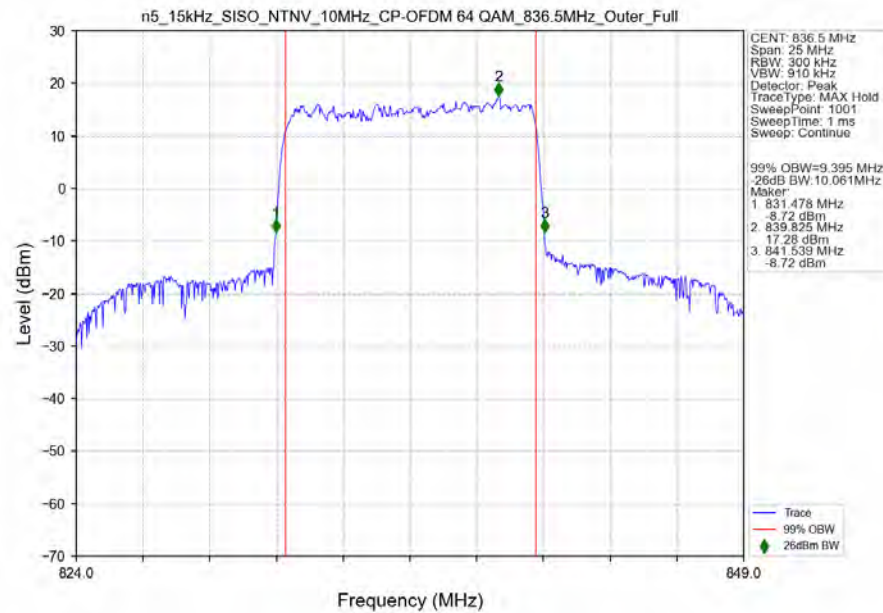
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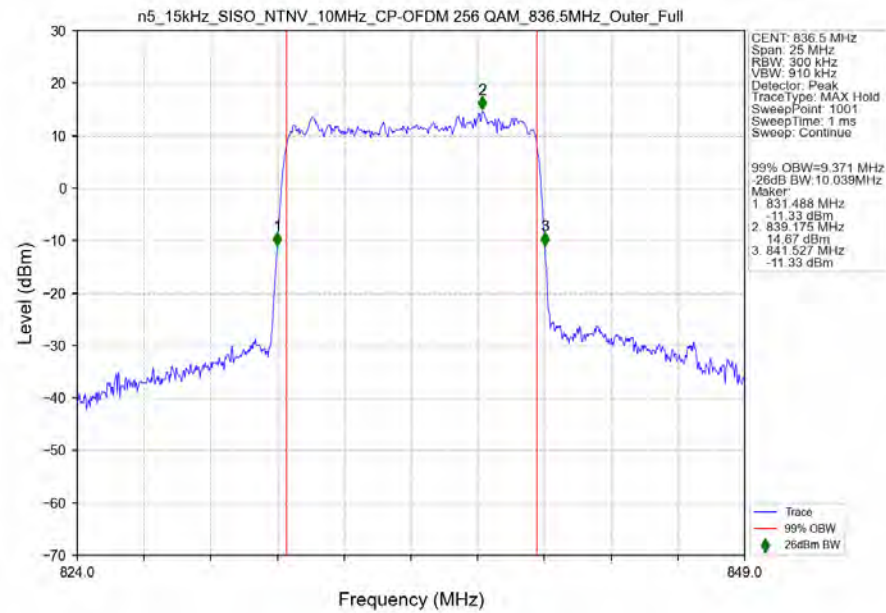
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant2



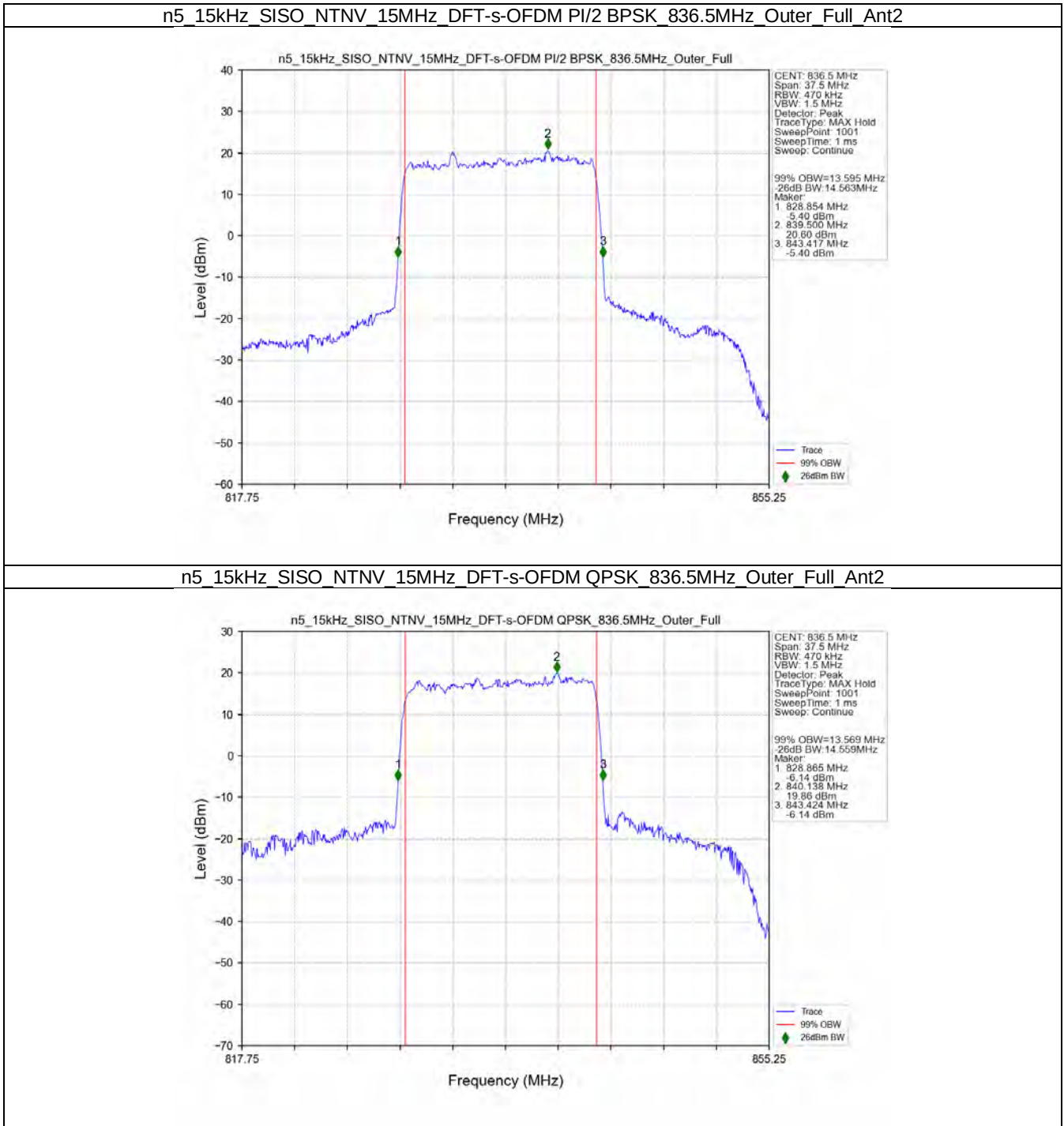
n5_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant2



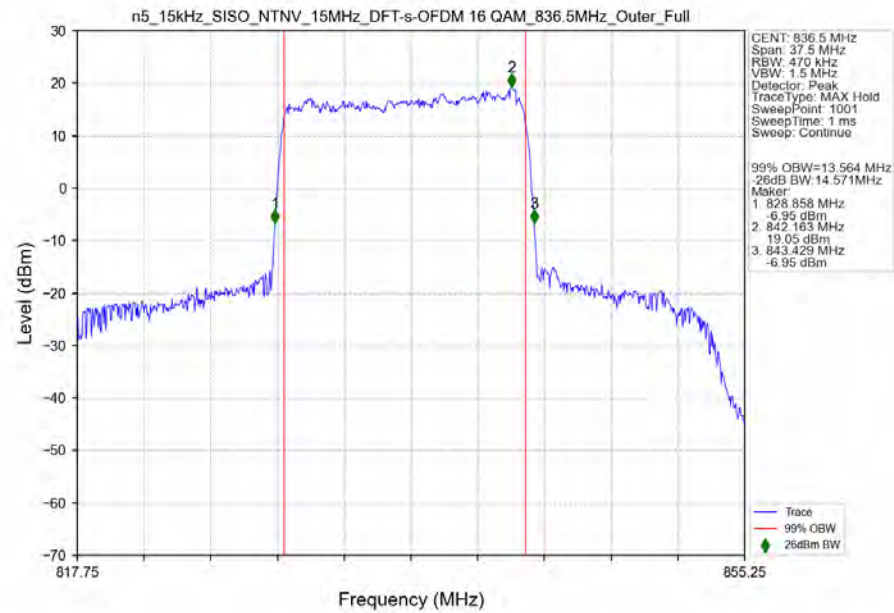
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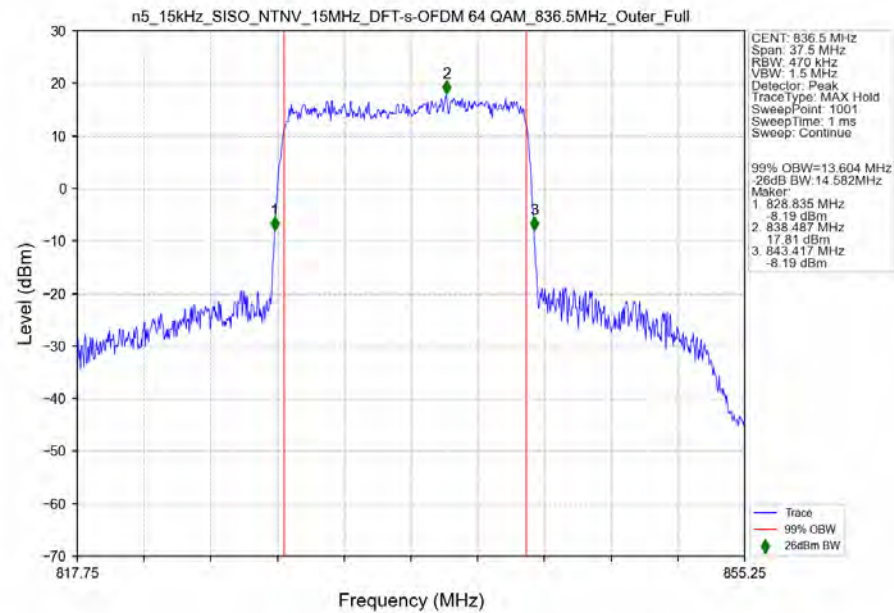
3.2.3 15_S_15M_NTNV



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_836.5MHz_Outer_Full_Ant2



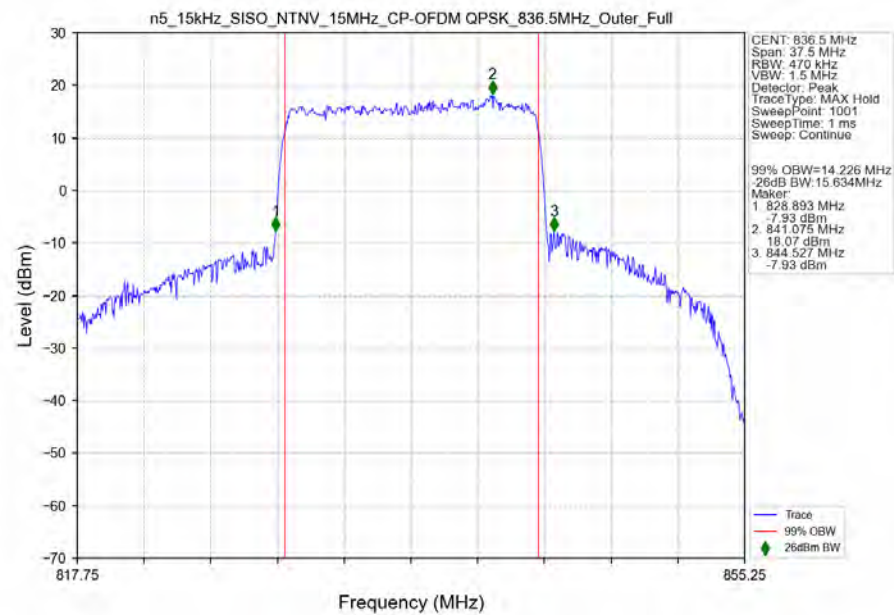
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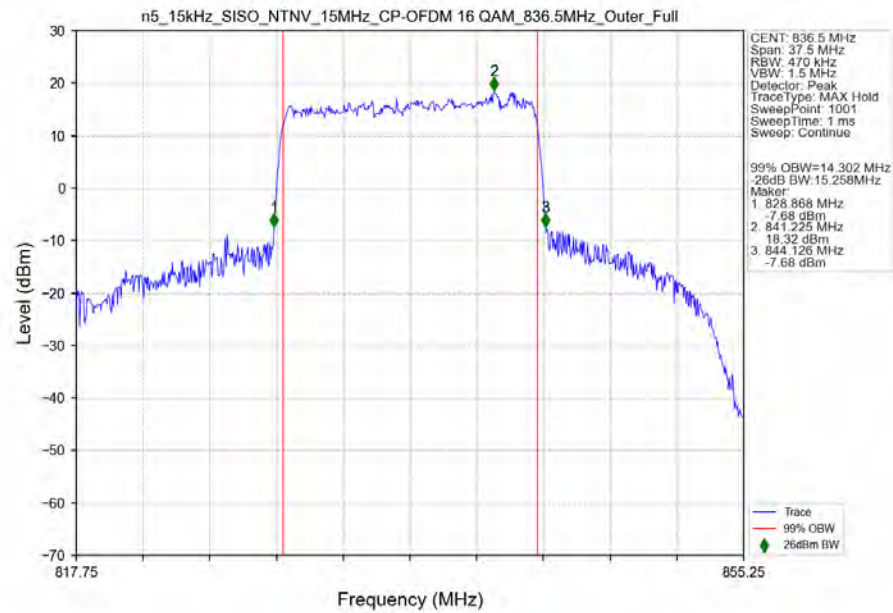
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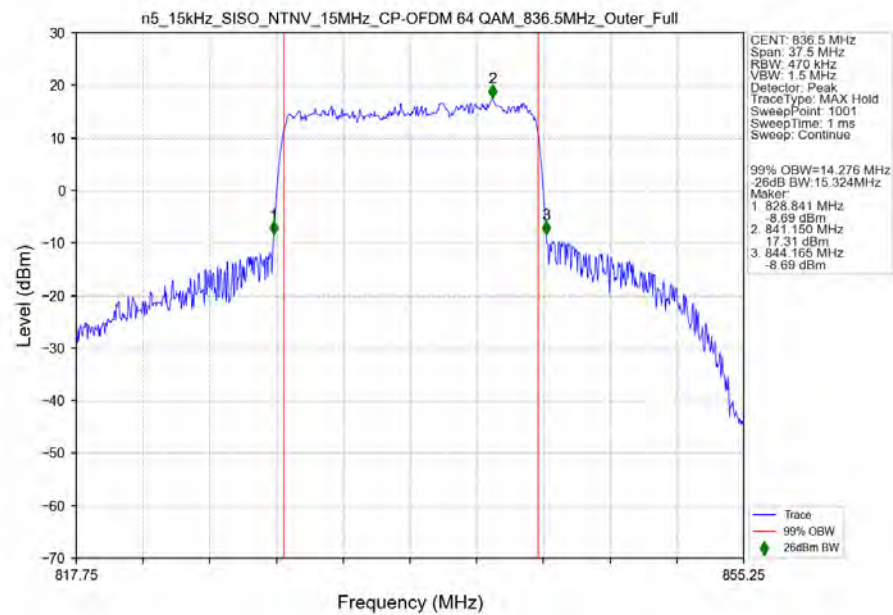
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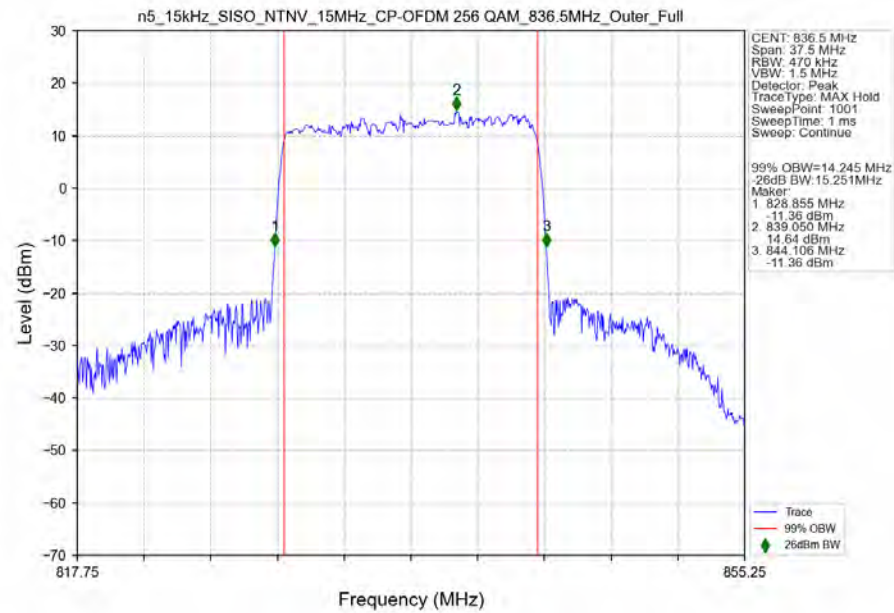
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant2



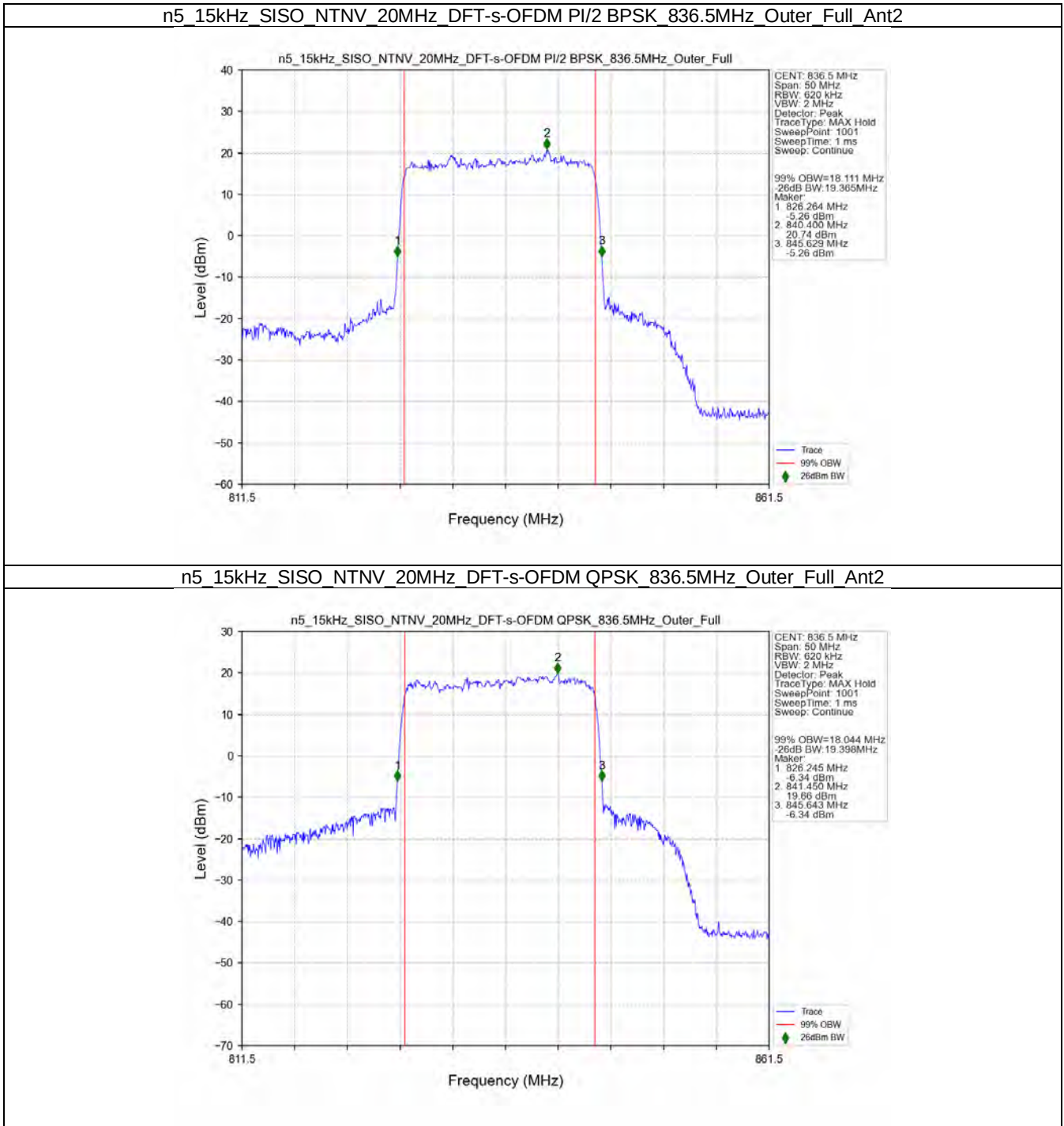
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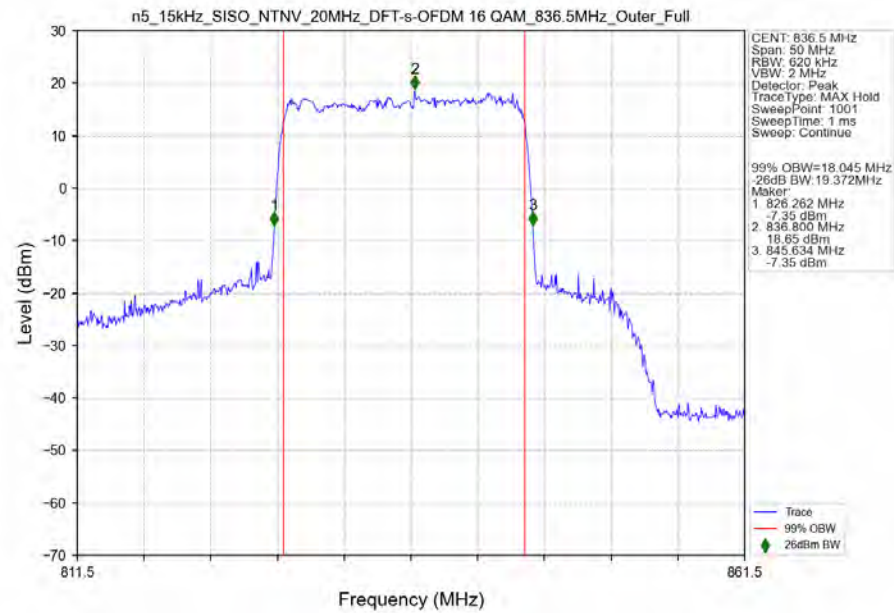
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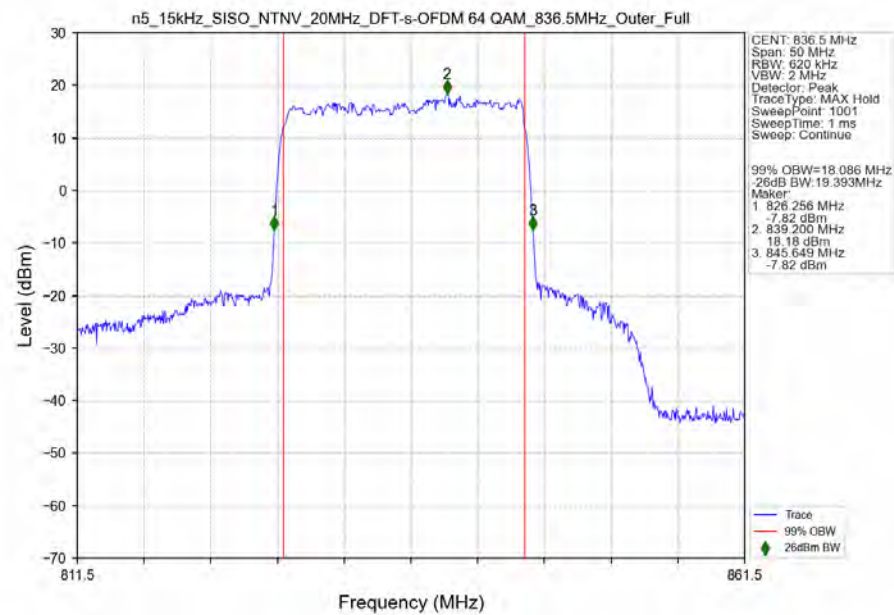
3.2.4 15_S_20M_NTNV



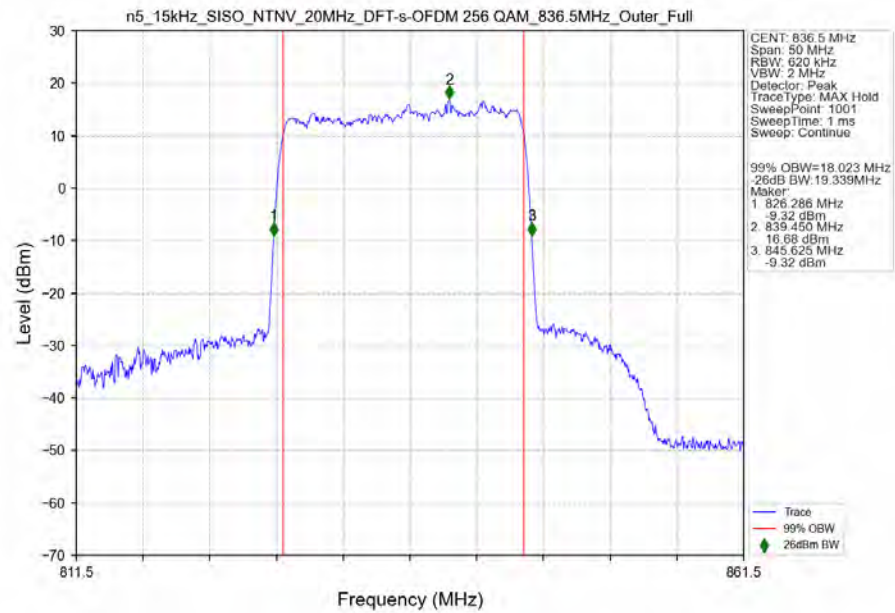
n5_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 836.5MHz_Outer_Full_Ant2



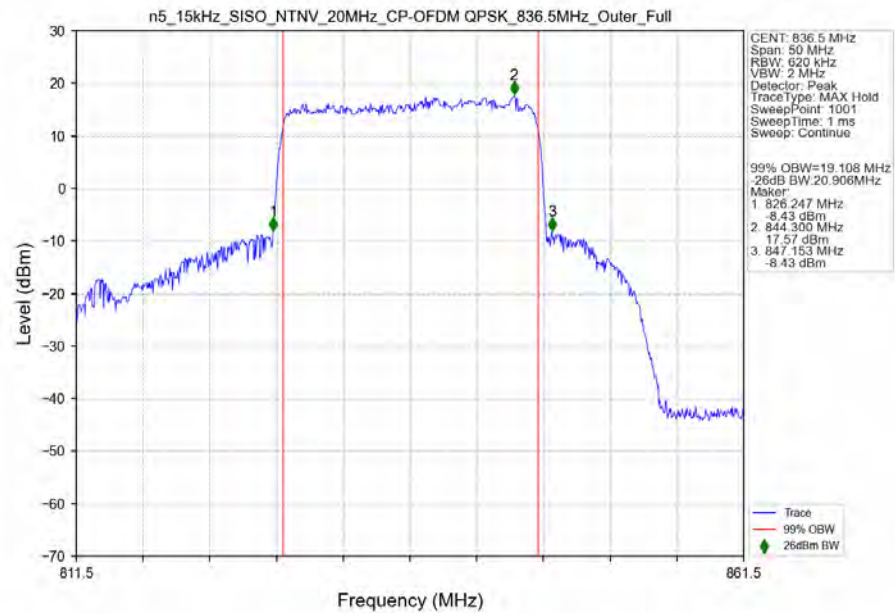
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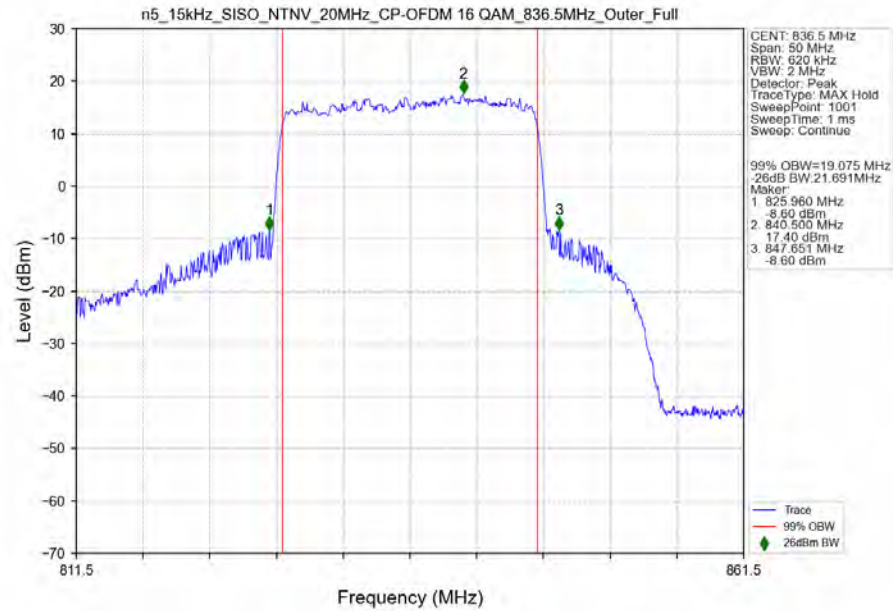
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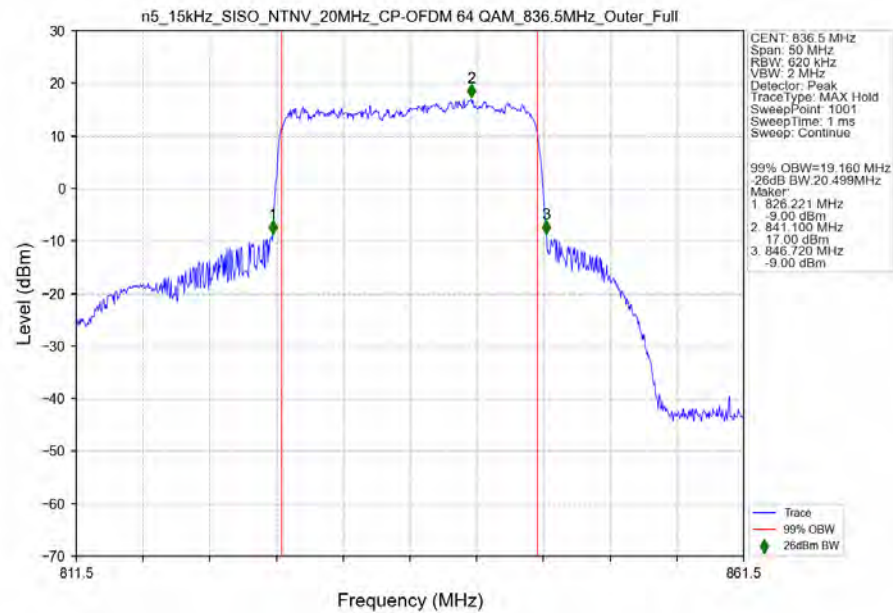
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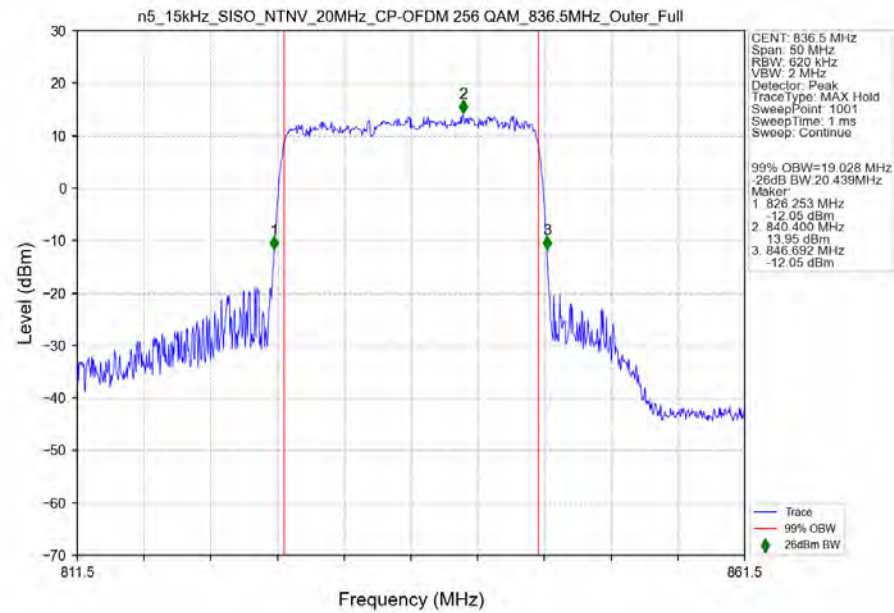
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 836.5MHz_Outer_Full_Ant2



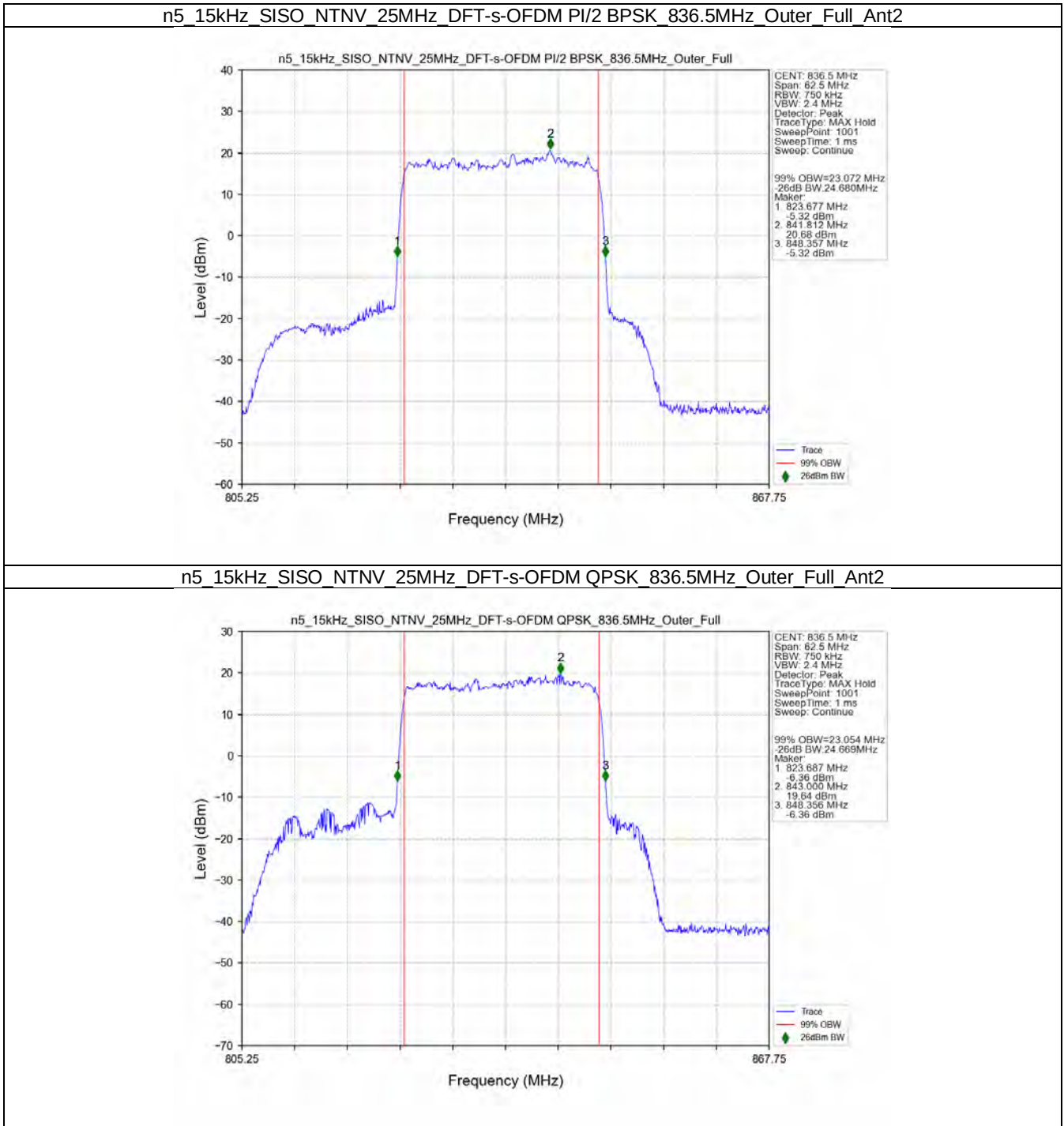
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant2



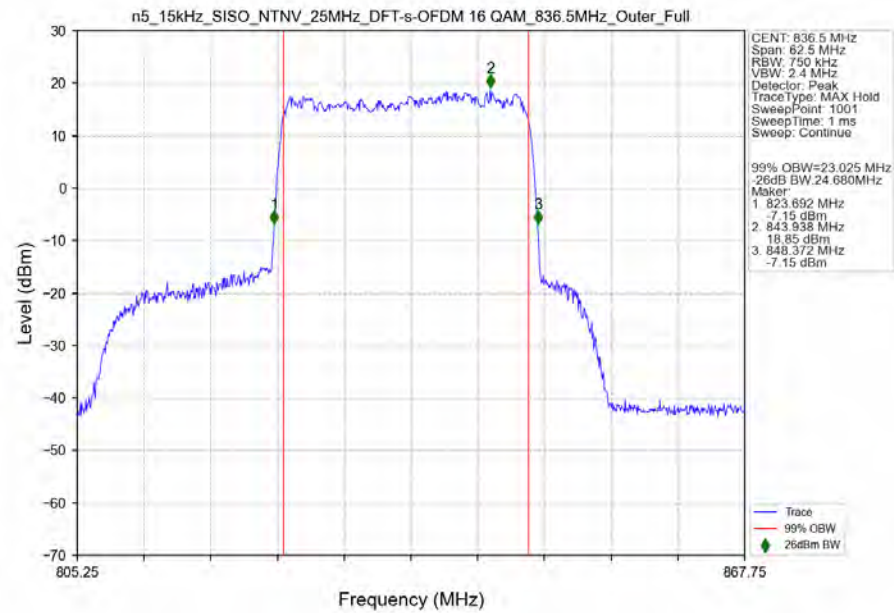
n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



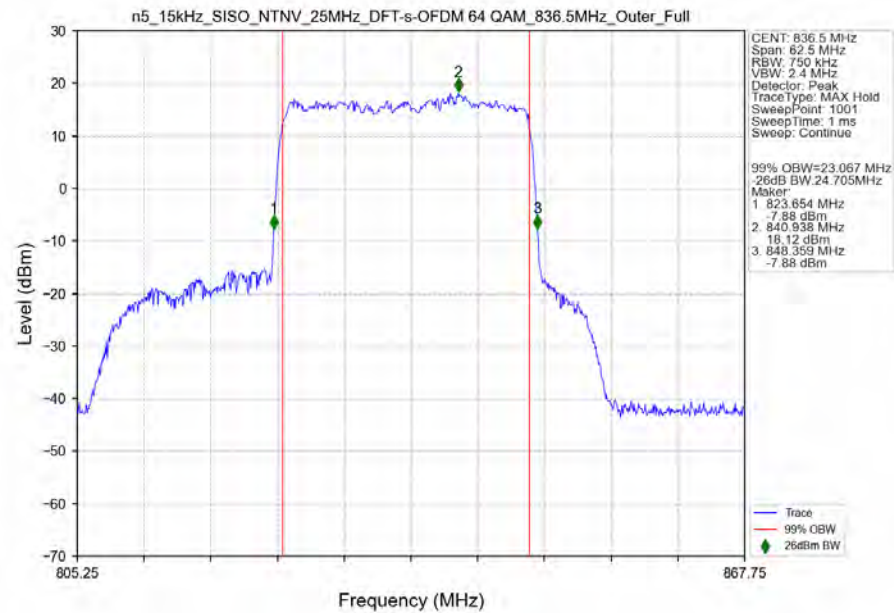
3.2.5 15_S_25M_NTNV



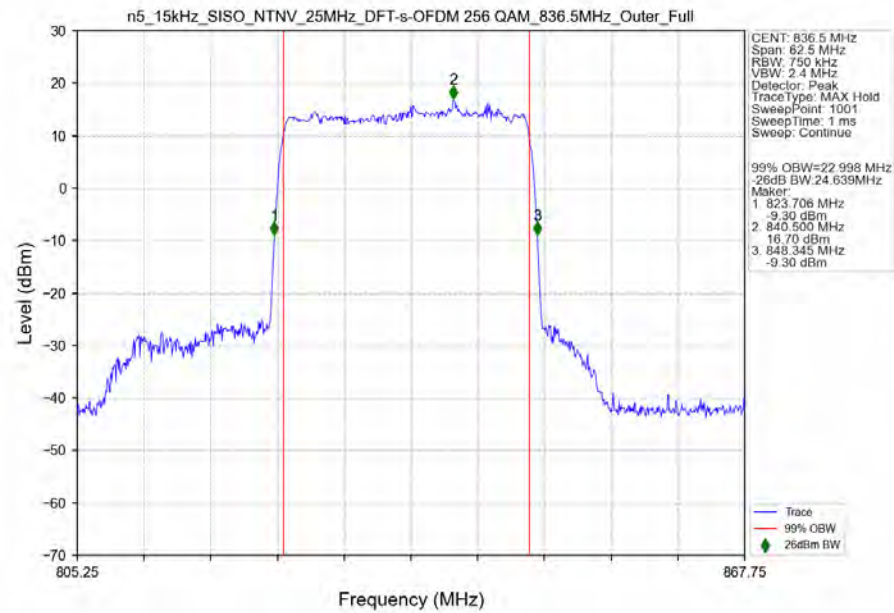
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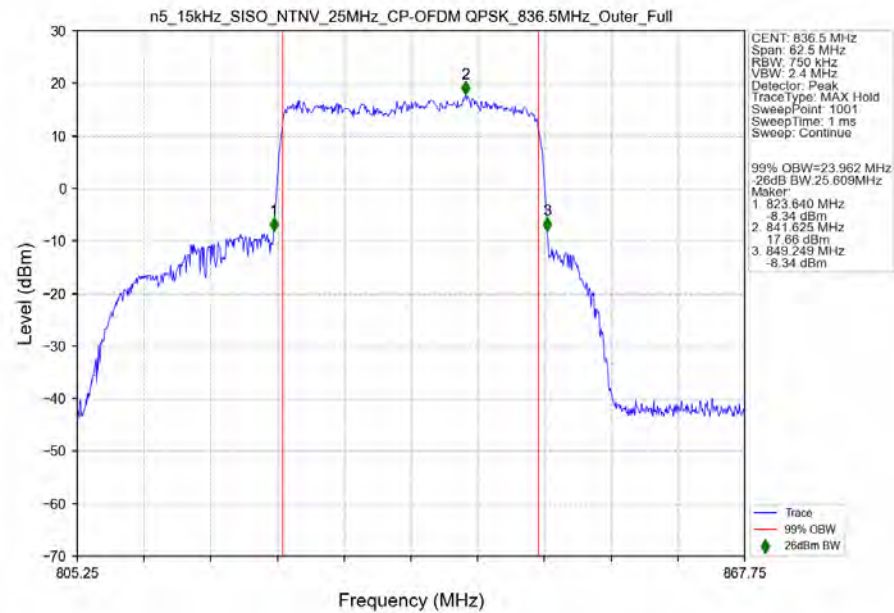
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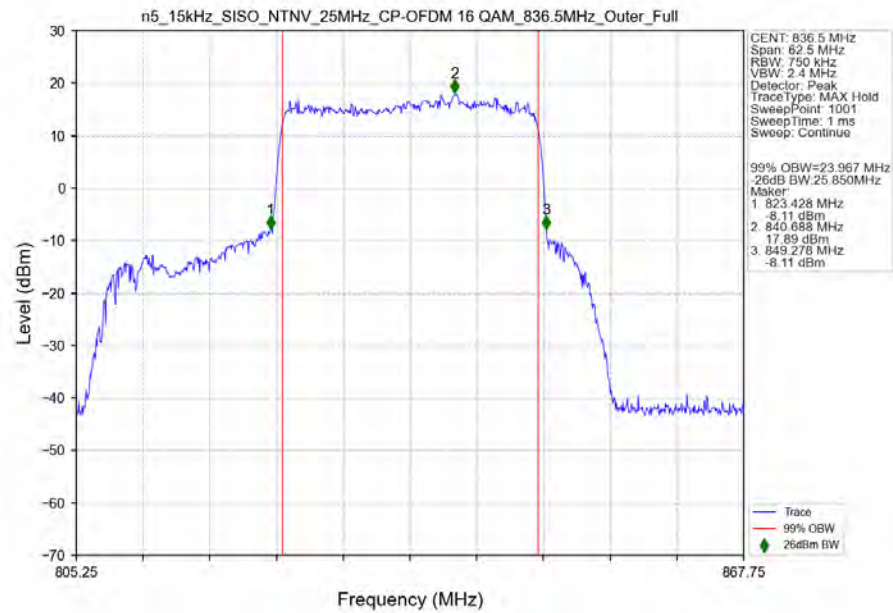
n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



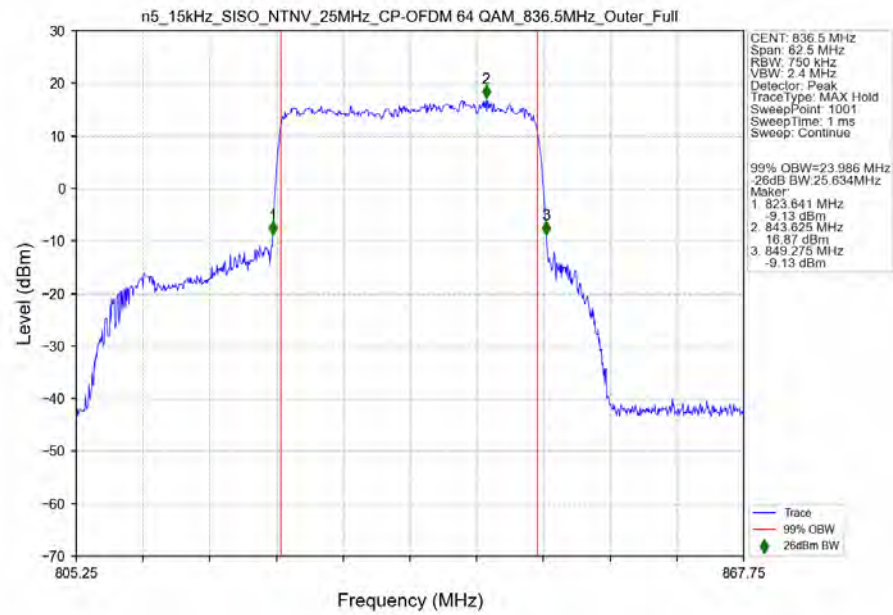
n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant2



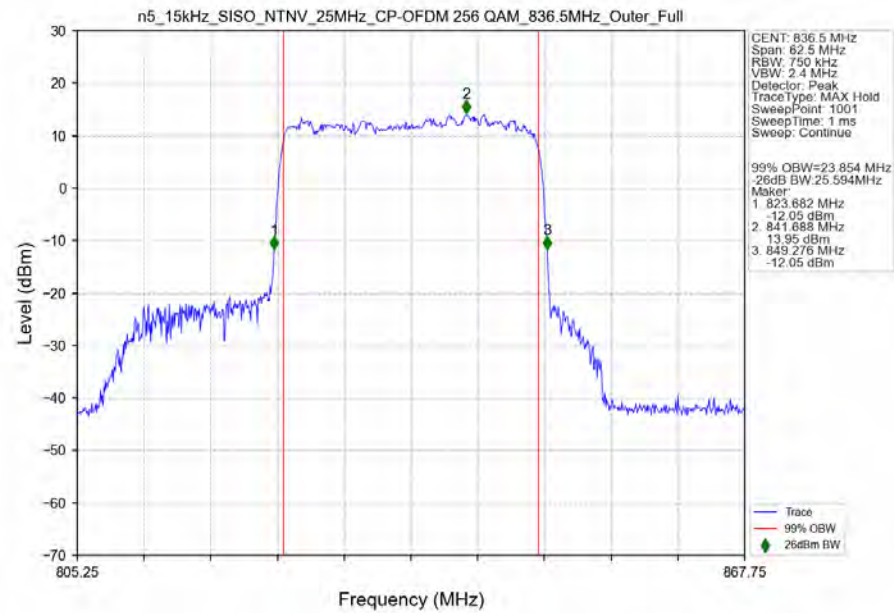
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n5_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 836.5MHz_Outer_Full_Ant2



n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_836.5MHz_Outer_Full_Ant2



4. Peak-Average Ratio

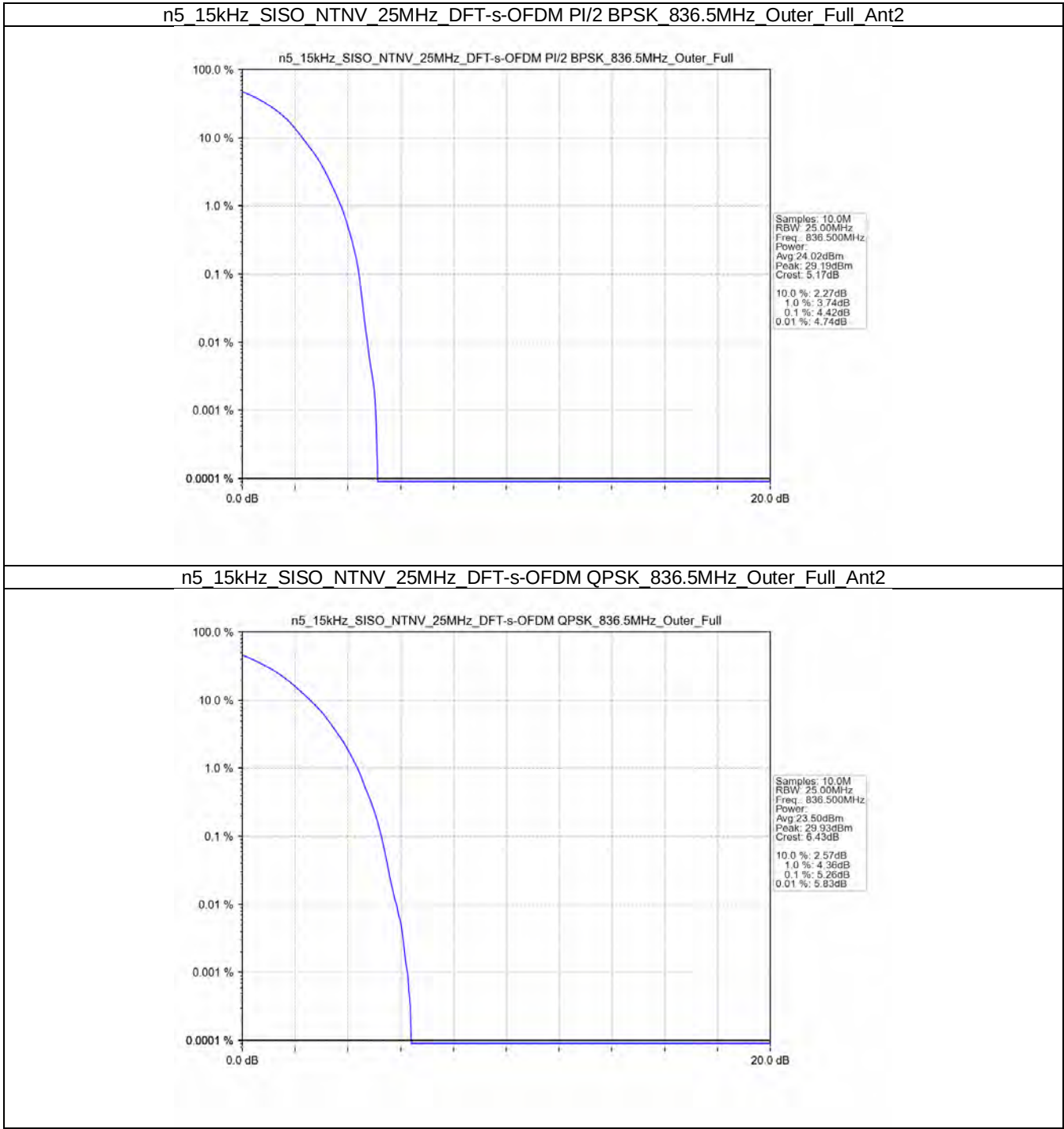
4.1 Test Result

4.1.1 15_S_25M_NTNV

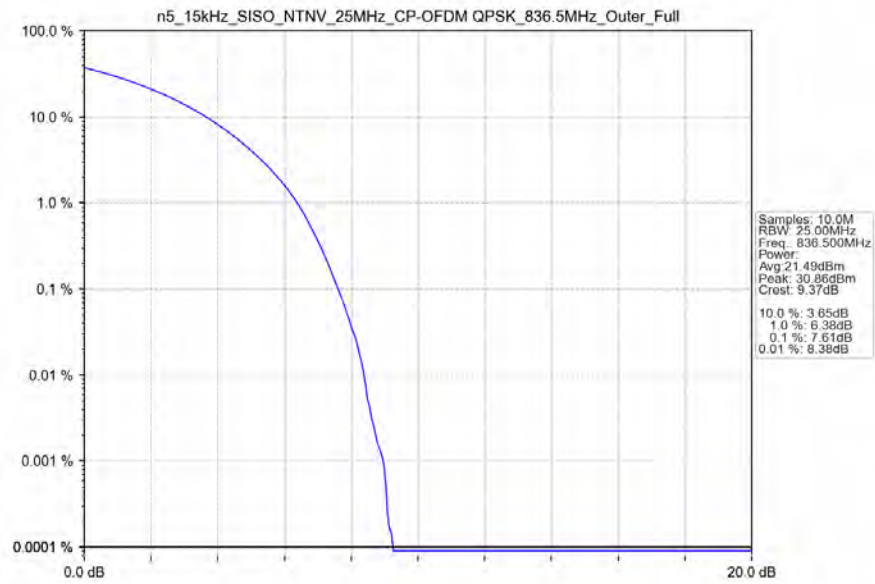
5G NR n5 SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Outer_Full	4.42	/	/	<=13	Pass
DFT-s-OFDM QPSK	836.5	Outer_Full	5.26	/	/	<=13	Pass
CP-OFDM QPSK	836.5	Outer_Full	7.61	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_25M_NTNV



n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant2



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n5 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	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
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	826.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15_S_15M_NTNV

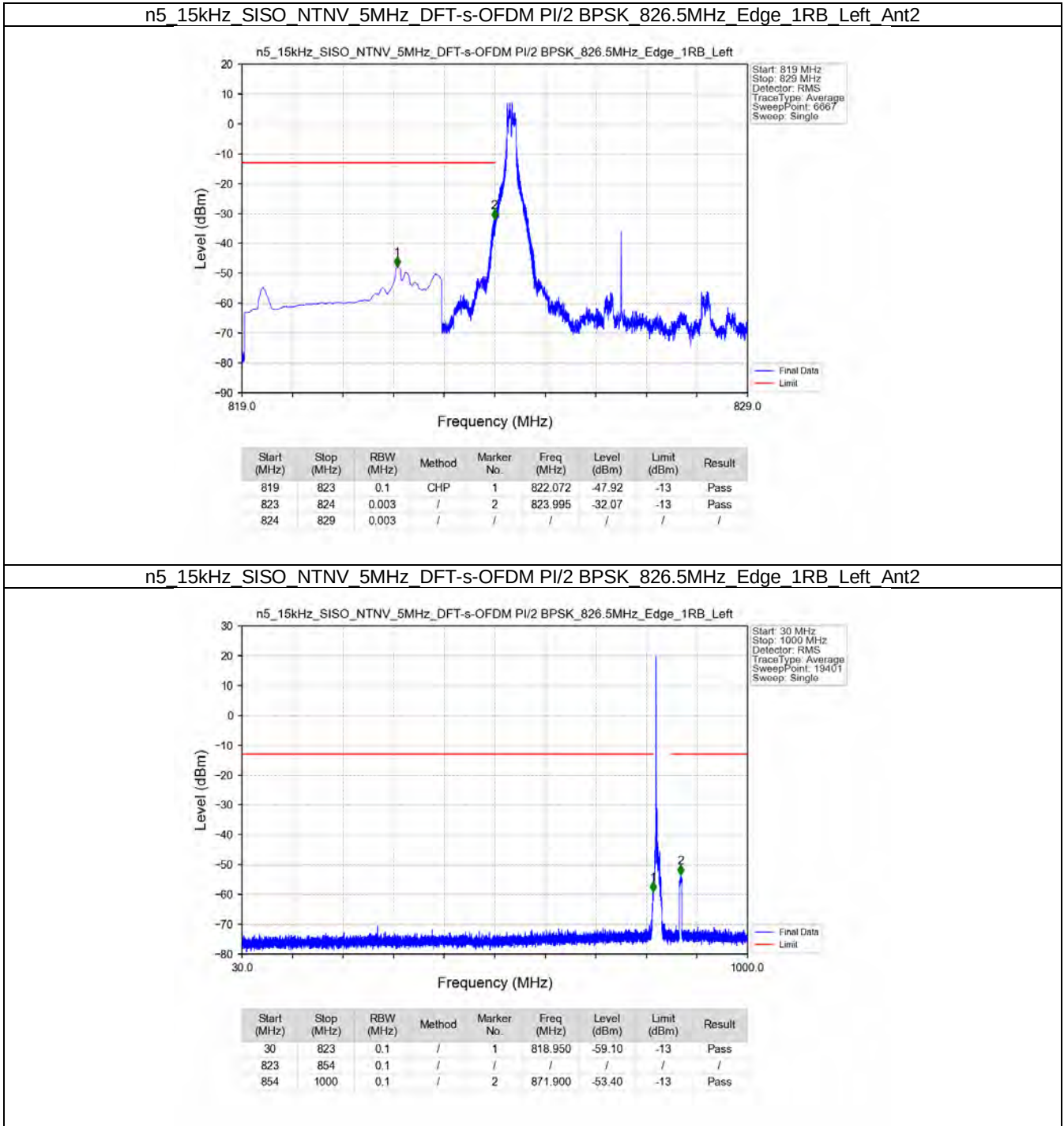
5G NR n5 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right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

5.1.3 15_S_25M_NTNV

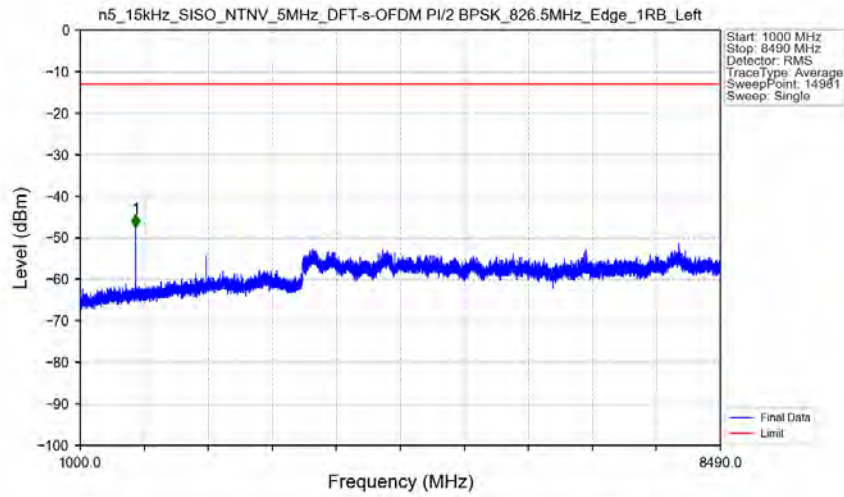
5G NR n5 SCS=15kHz SISO 25MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	836.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 15_S_5M_NTNV

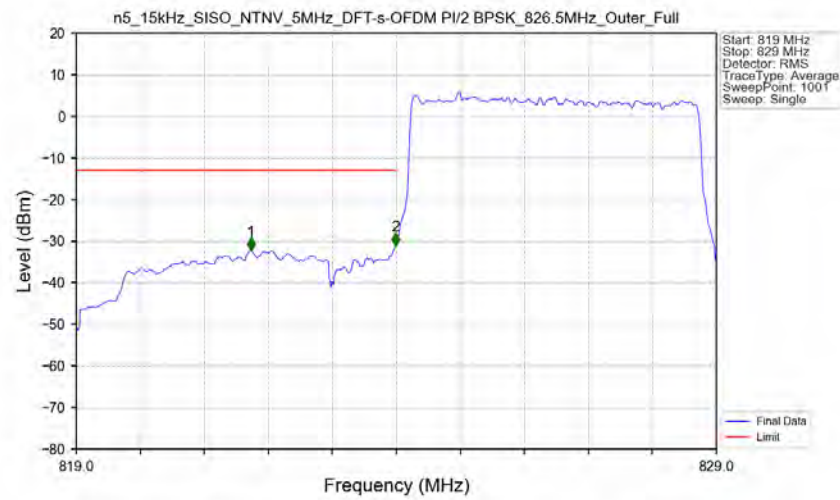


n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Edge_1RB_Left_Ant2



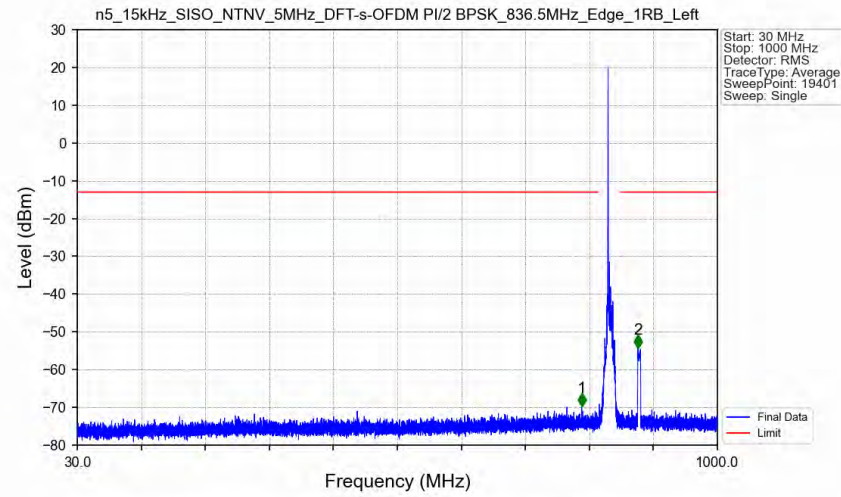
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-47.55	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_826.5MHz_Outer_Full_Ant2



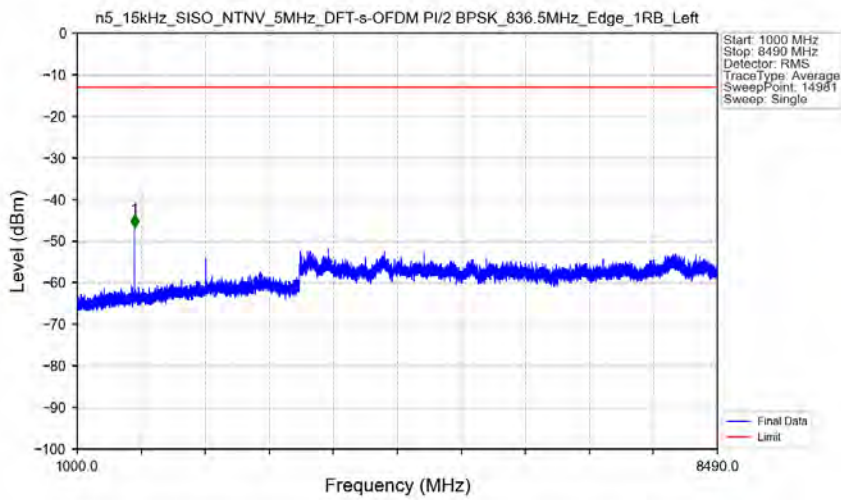
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.730	-32.24	-13	Pass
823	824	0.04989	CHP	2	823.990	-31.04	-13	Pass
824	829	0.04989	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



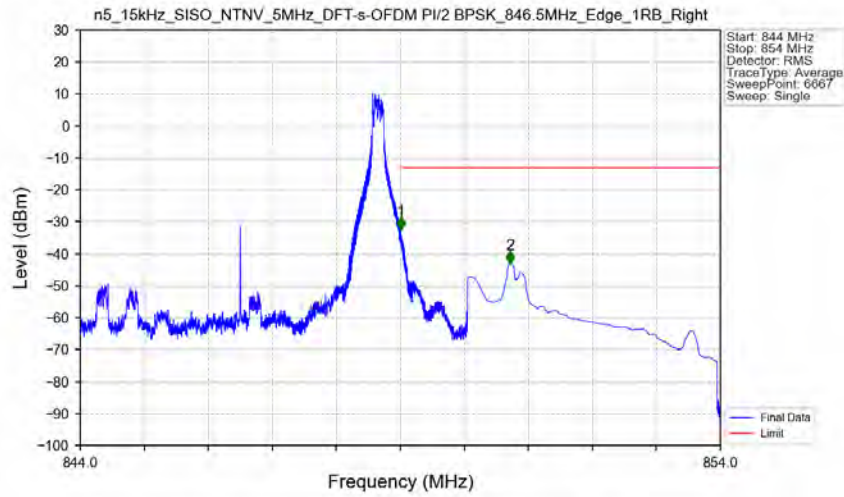
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	794.450	-69.77	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	879.650	-54.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



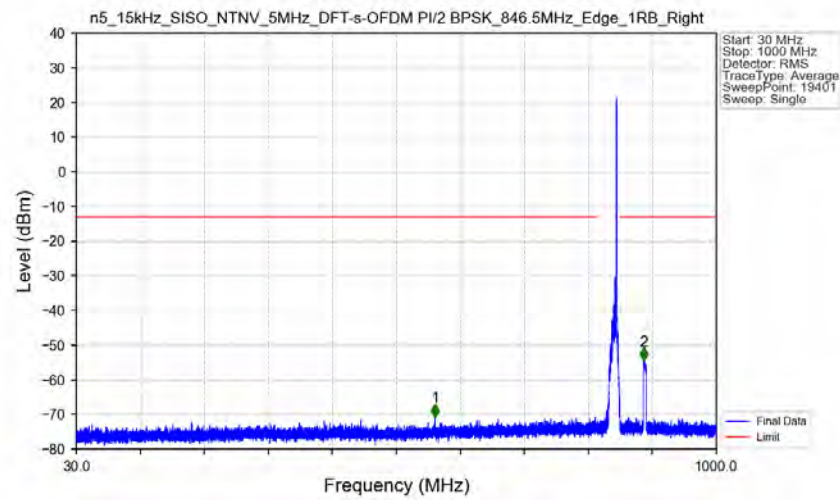
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1668.500	-46.77	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant2



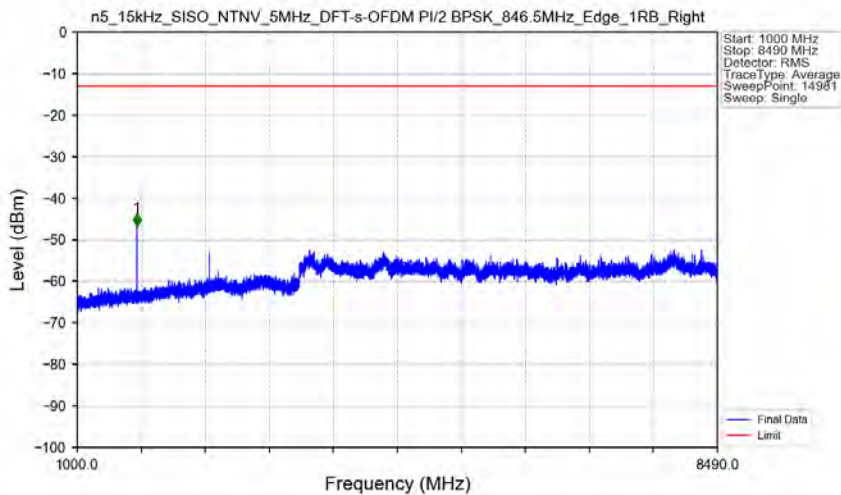
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-32.34	-13	Pass
850	854	0.1	CHP	2	850.716	-43.01	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant2



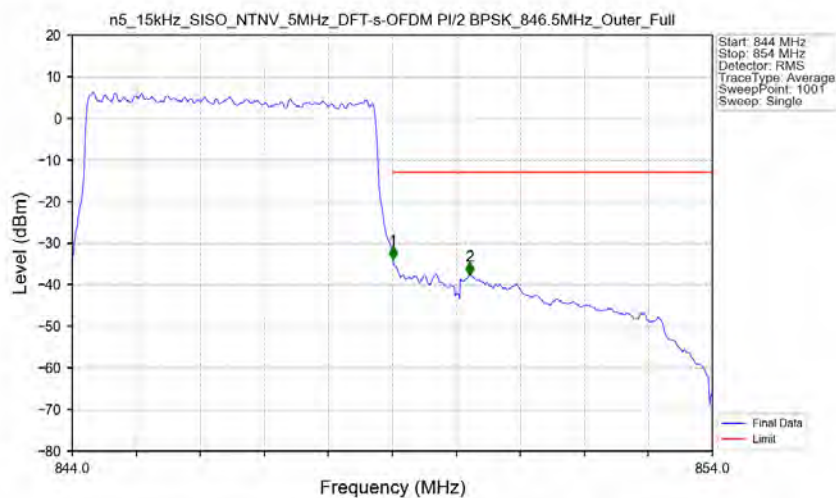
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	573.550	-70.65	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	890.050	-54.34	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Edge_1RB_Right_Ant2



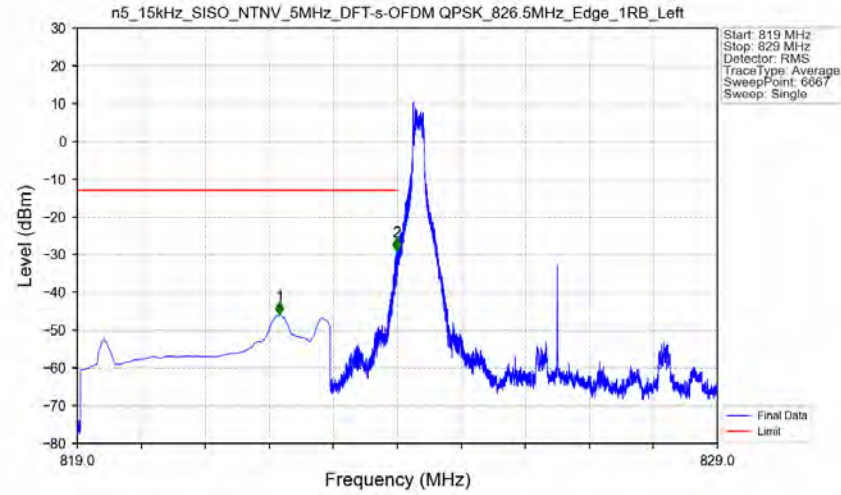
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.79	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_846.5MHz_Outer_Full_Ant2



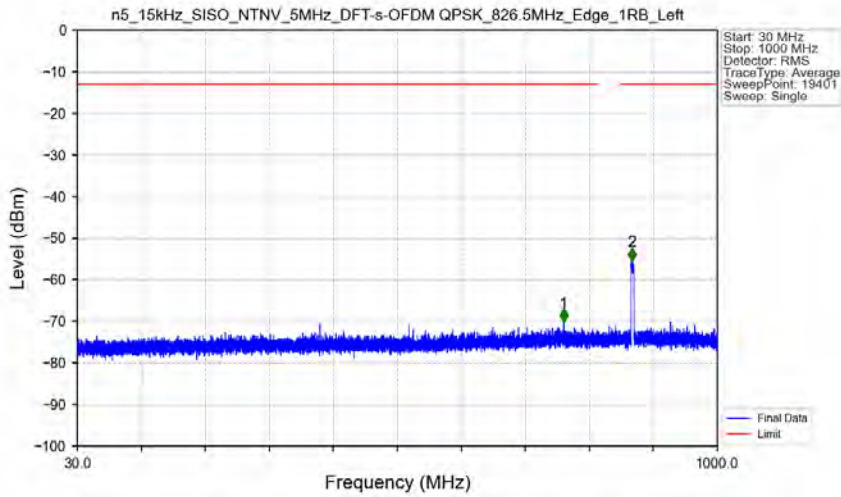
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04989	CHP	/	/	/	/	/
849	850	0.04989	CHP	1	849.010	-33.90	-13	Pass
850	854	0.1	CHP	2	850.210	-37.70	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



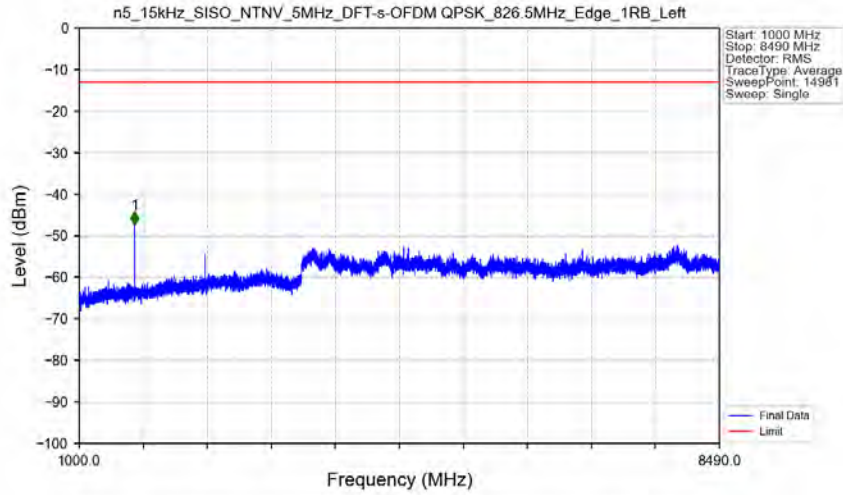
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.159	-45.84	-13	Pass
823	824	0.003	/	2	823.991	-29.05	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



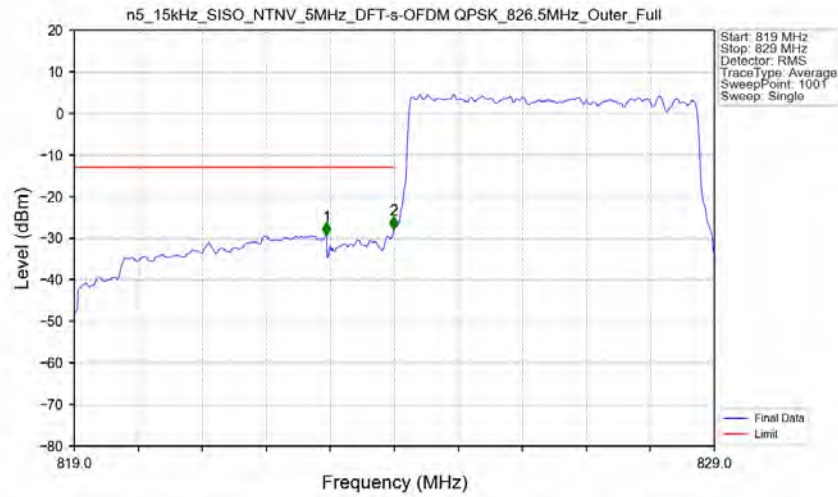
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	767.300	-70.12	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	870.100	-55.41	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



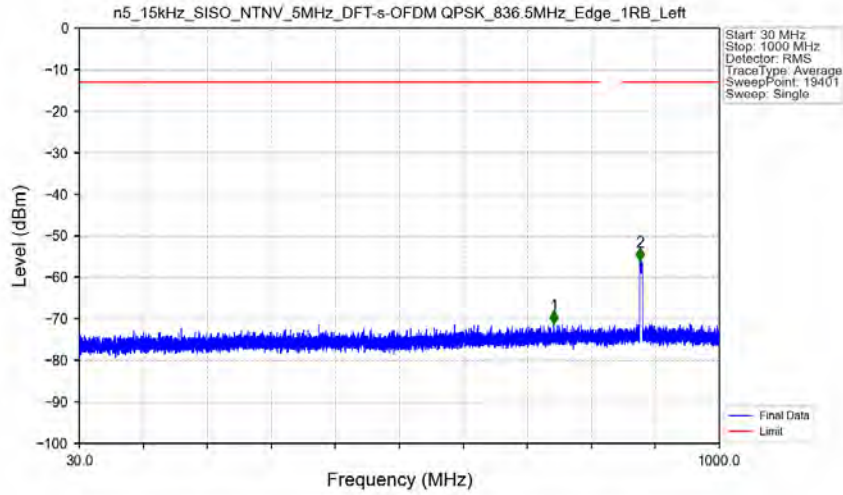
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-47.21	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_826.5MHz_Outer_Full_Ant2



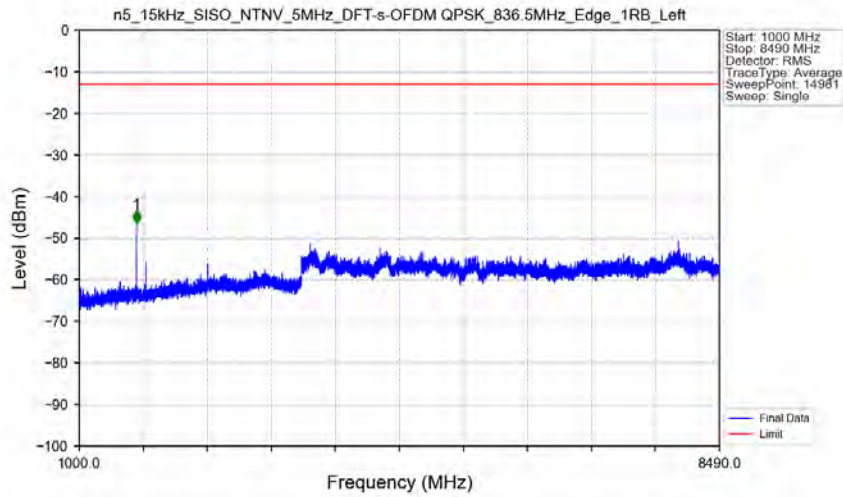
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-29.33	-13	Pass
823	824	0.04989	CHP	2	823.990	-27.93	-13	Pass
824	829	0.04989	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



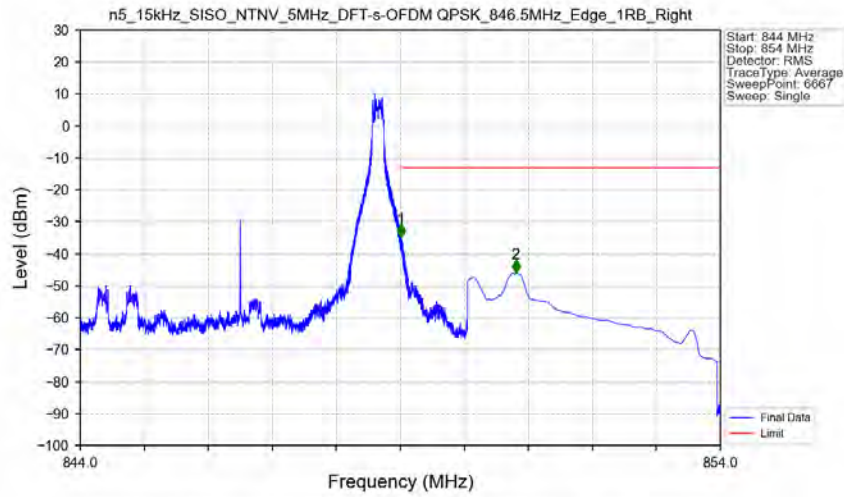
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	749.050	-71.15	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	879.550	-56.12	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



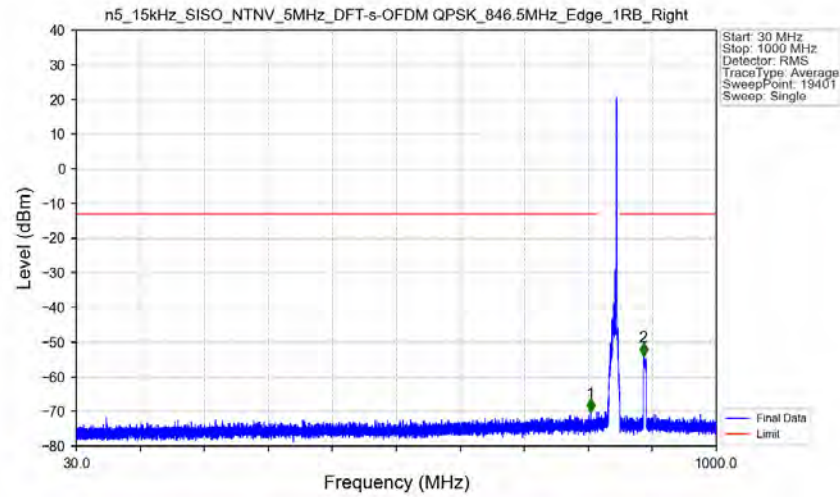
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1668.500	-46.32	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



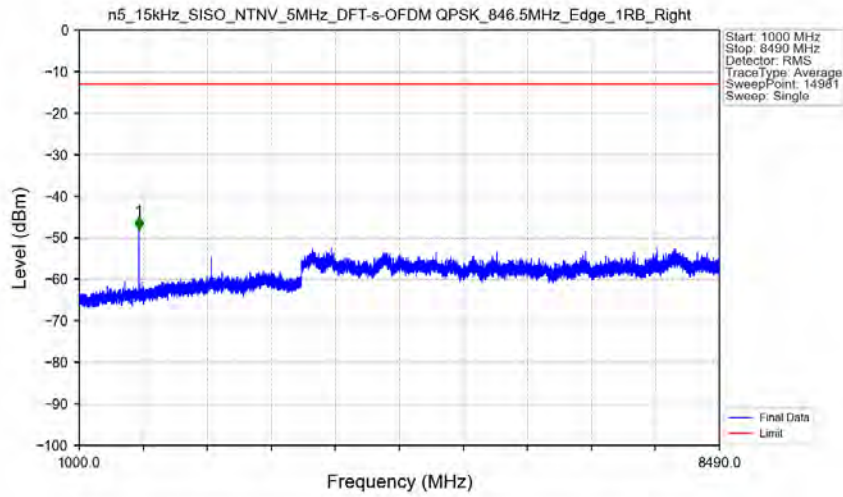
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-34.79	-13	Pass
850	854	0.1	CHP	2	850.805	-46.04	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2

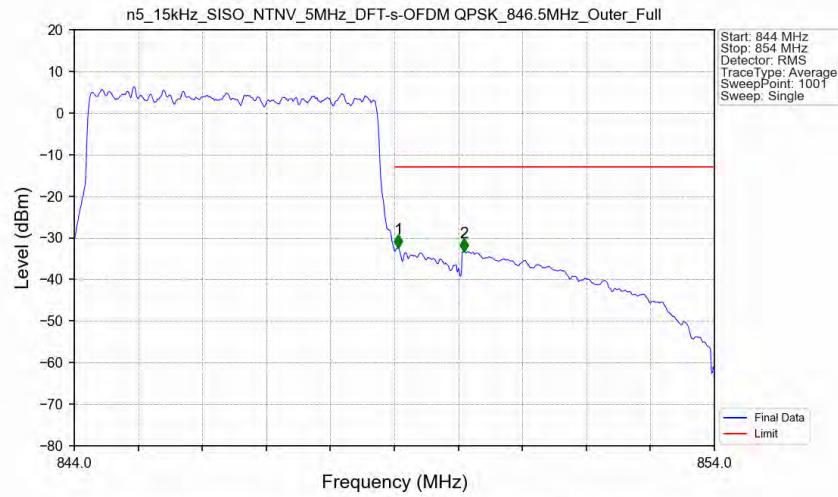


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	809.450	-70.18	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	889.500	-53.85	-13	Pass

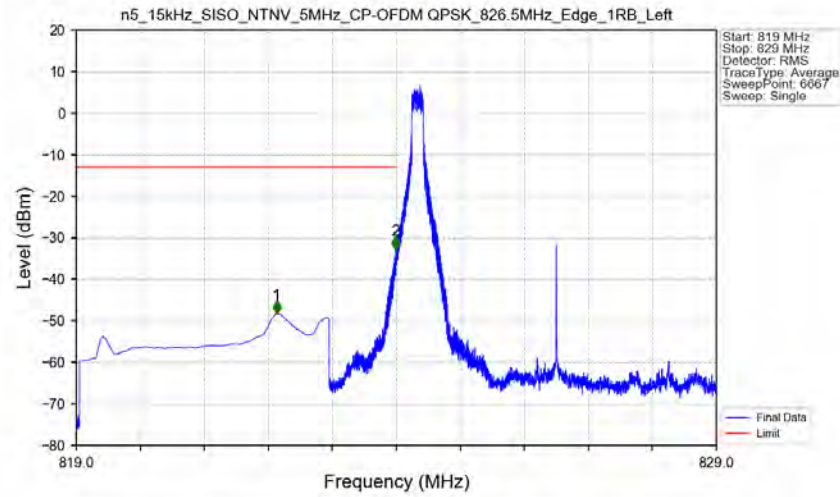
n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



n5_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_846.5MHz_Outer_Full_Ant2

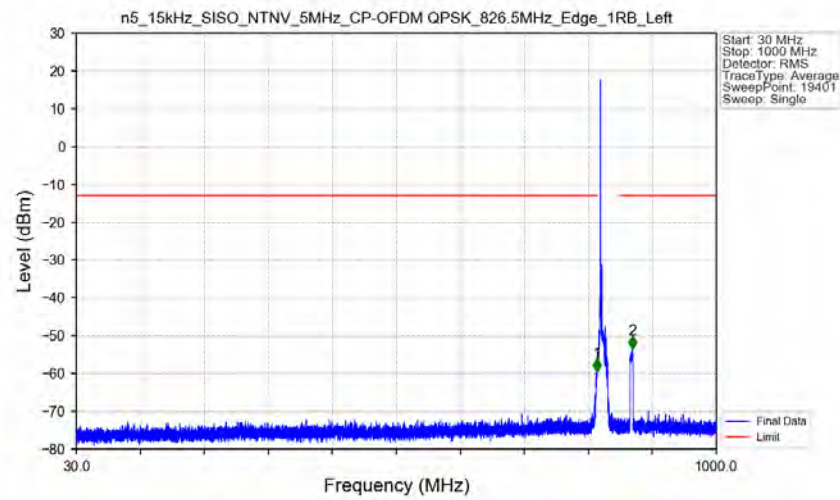


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



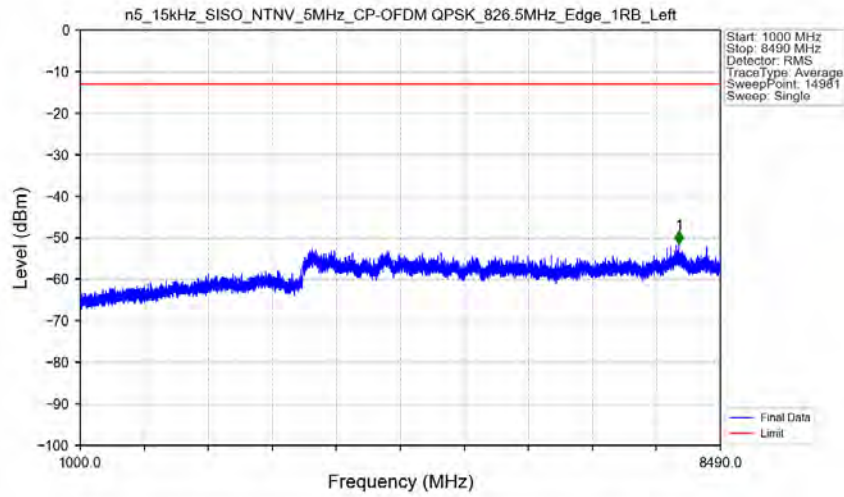
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.132	-48.22	-13	Pass
823	824	0.003	/	2	823.991	-32.81	-13	Pass
824	829	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left_Ant2



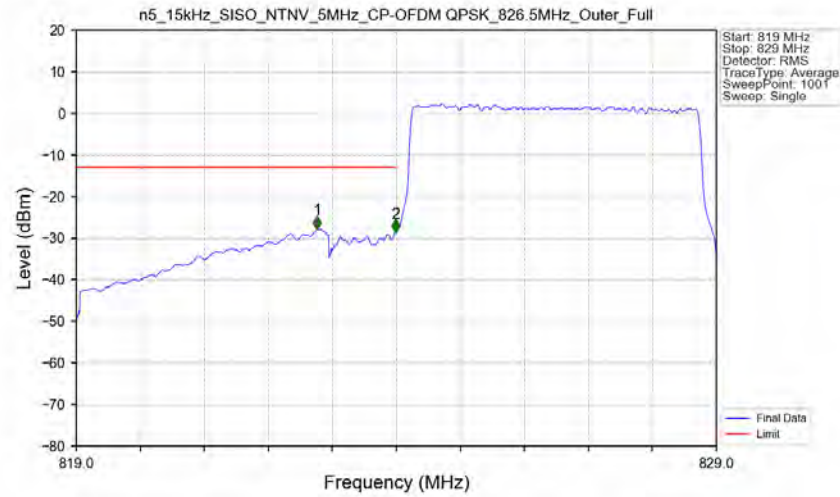
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.950	-59.58	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.750	-53.54	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Edge_1RB_Left Ant2



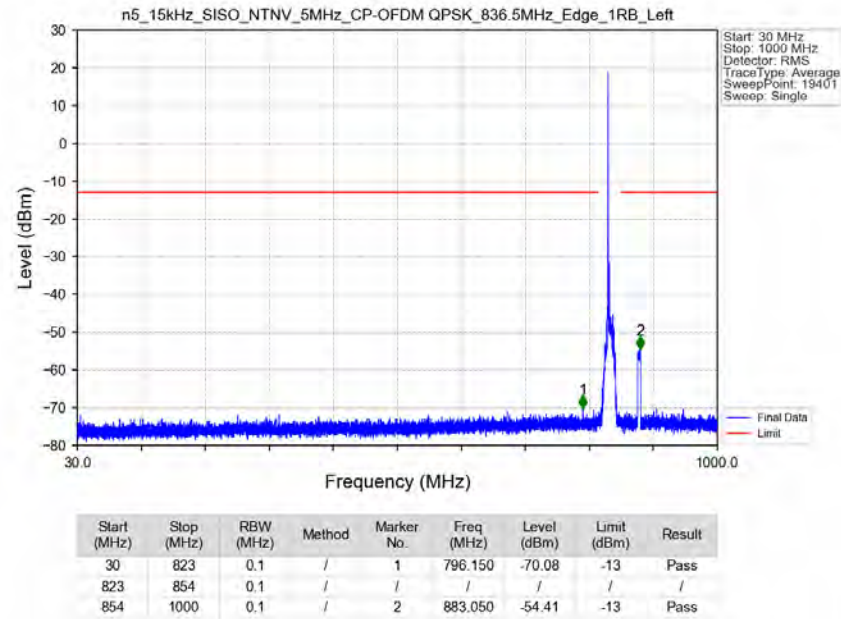
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	8006.000	-51.48	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_826.5MHz_Outer_Full_Ant2

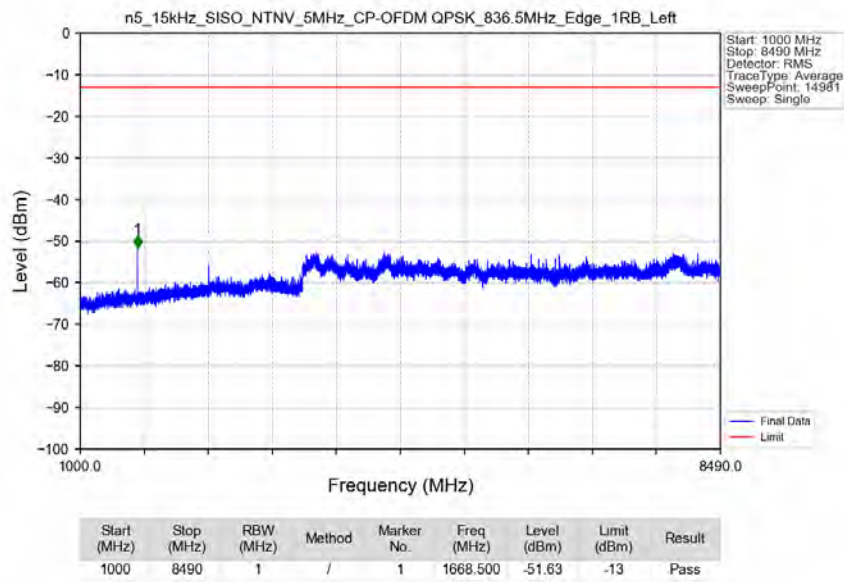


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.760	-27.76	-13	Pass
823	824	0.04989	CHP	2	823.990	-28.61	-13	Pass
824	829	0.04989	CHP	/	/	/	/	/

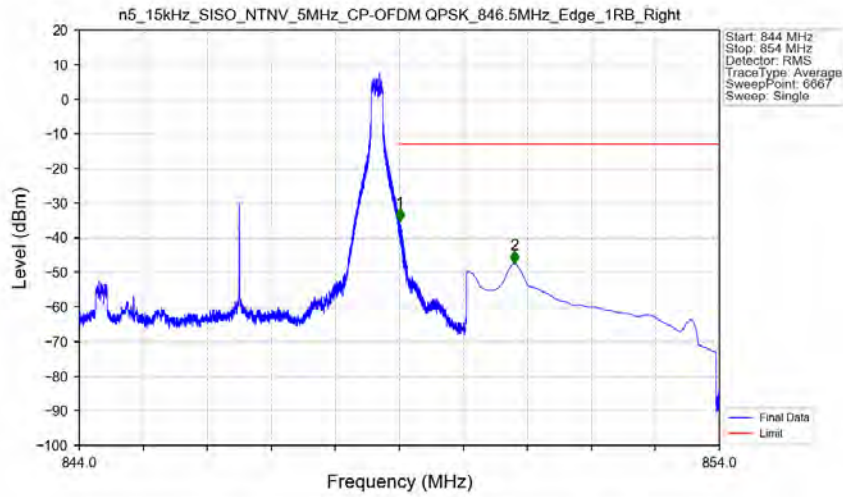
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



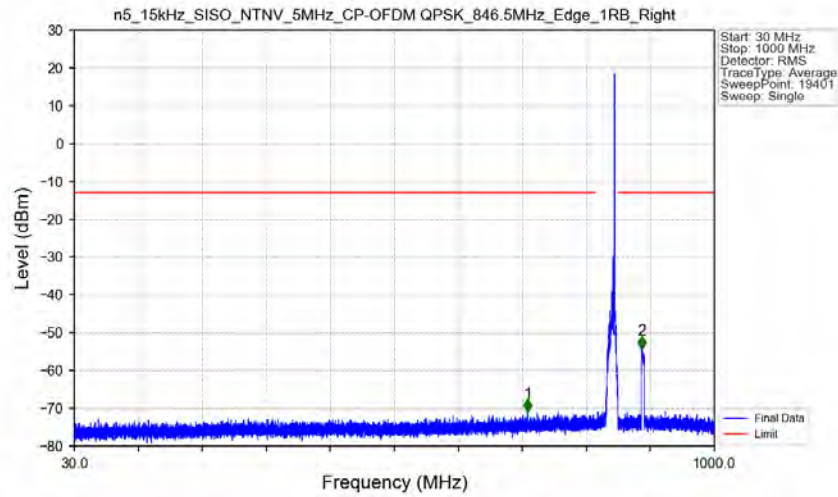
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



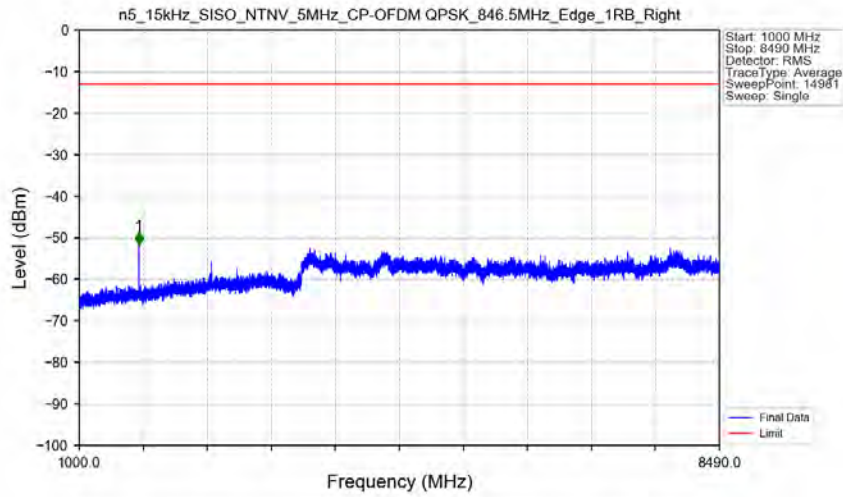
n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2

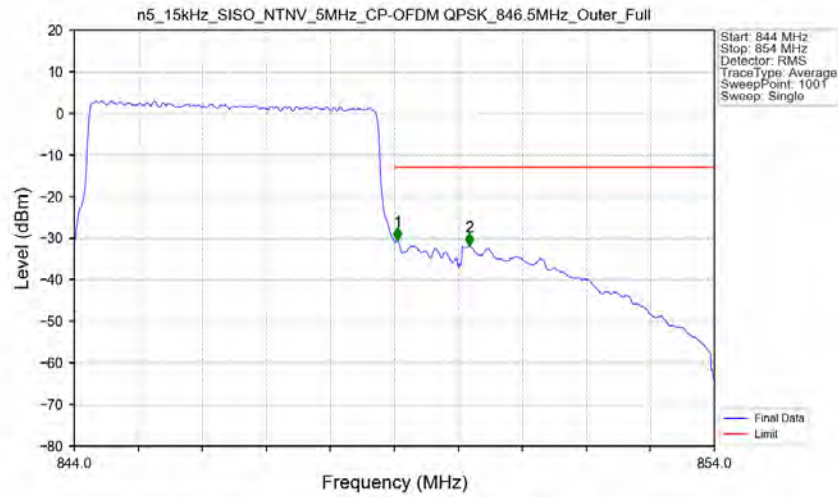


n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Edge_1RB_Right_Ant2



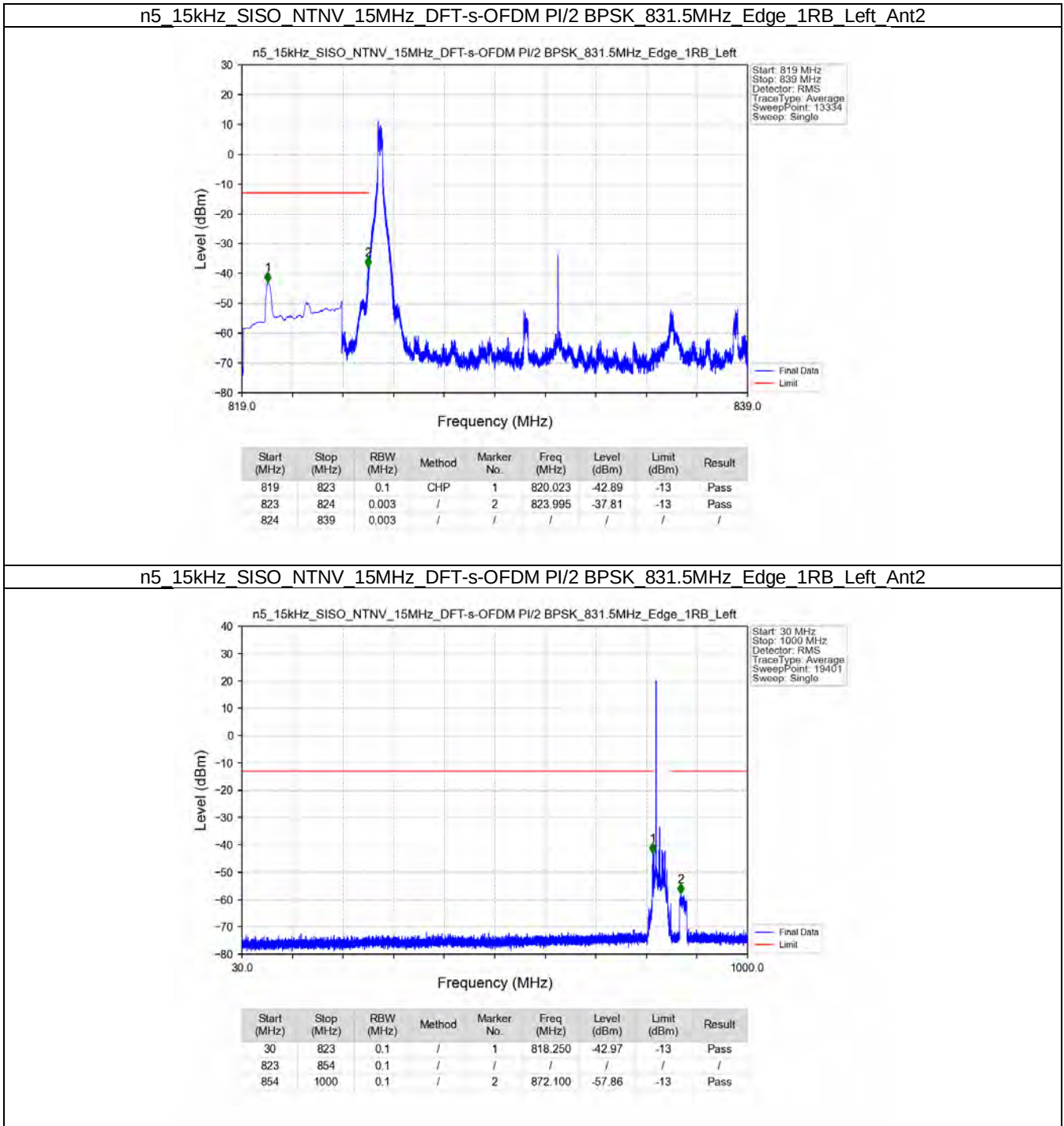
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.500	-51.64	-13	Pass

n5_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_846.5MHz_Outer_Full_Ant2

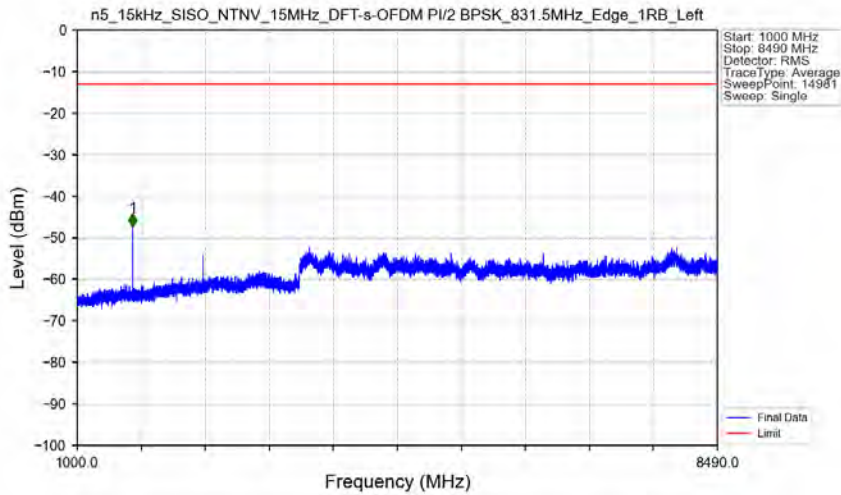


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.04989	CHP	/	/	/	/	/
849	850	0.04989	CHP	1	849.050	-30.59	-13	Pass
850	854	0.1	CHP	2	850.170	-31.93	-13	Pass

5.2.2 15_S_15M_NTNV

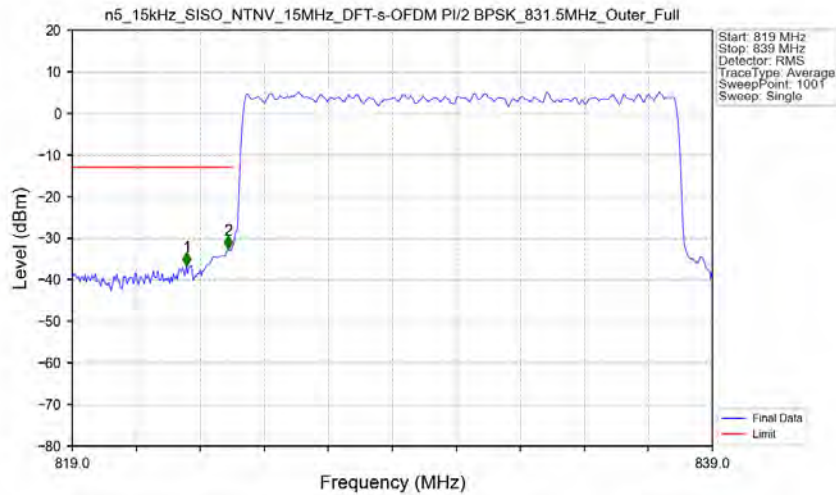


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Edge_1RB_Left_Ant2



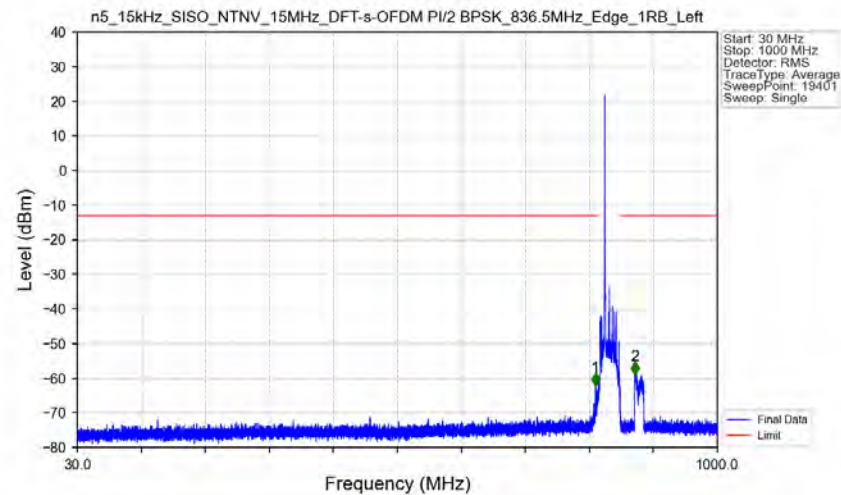
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-47.31	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_831.5MHz_Outer_Full_Ant2



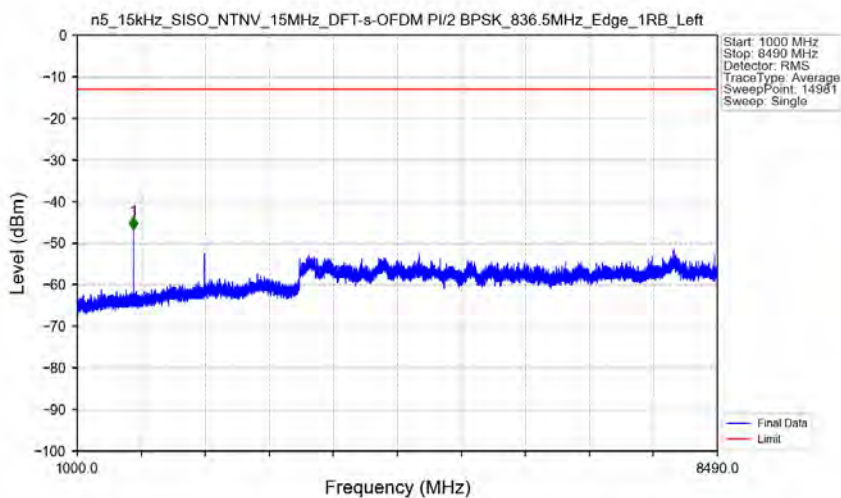
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.580	-36.54	-13	Pass
823	824	0.14559	CHP	2	823.880	-32.61	-13	Pass
824	839	0.14559	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



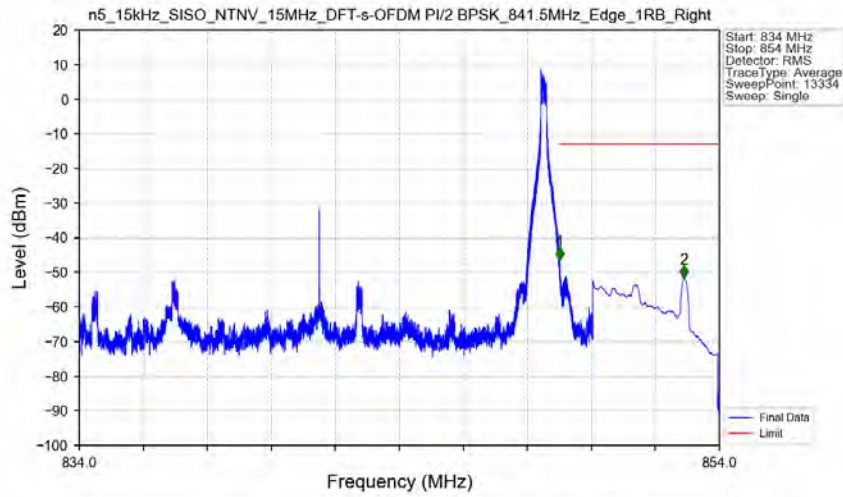
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.400	-62.19	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	875.050	-58.92	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2

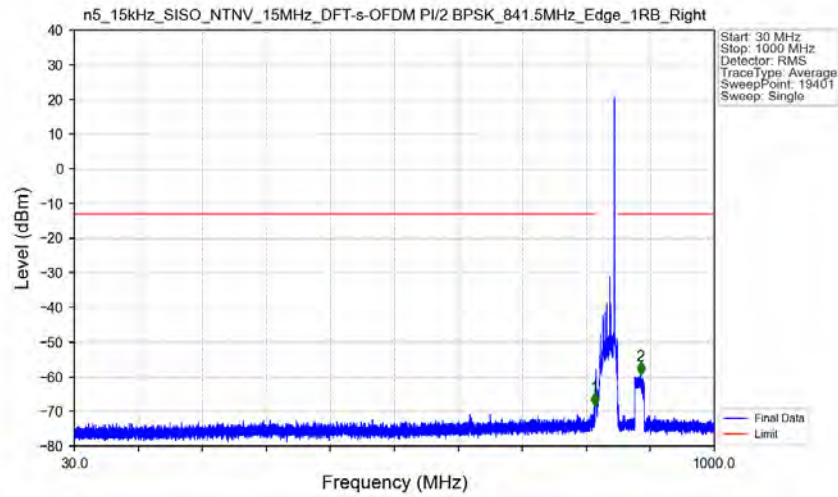


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-46.69	-13	Pass

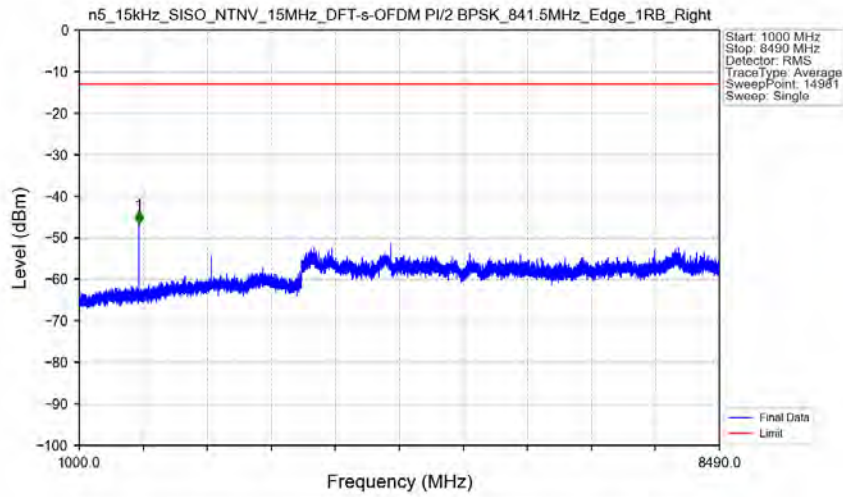
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant2



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant2

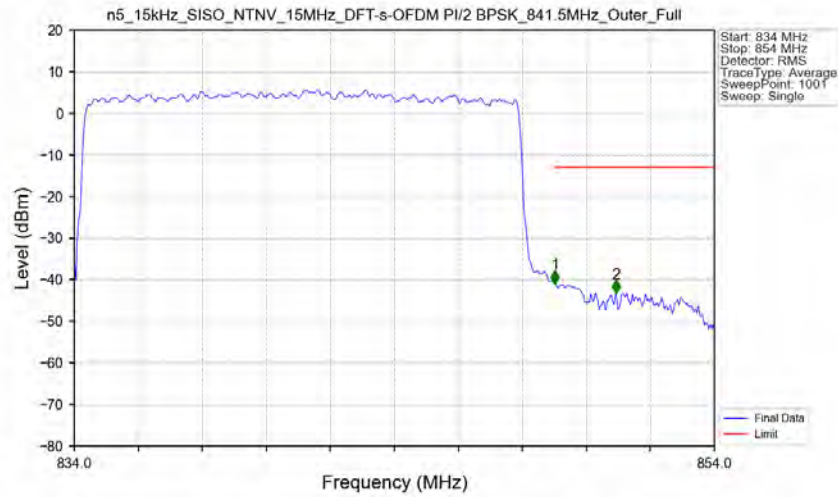


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right_Ant2



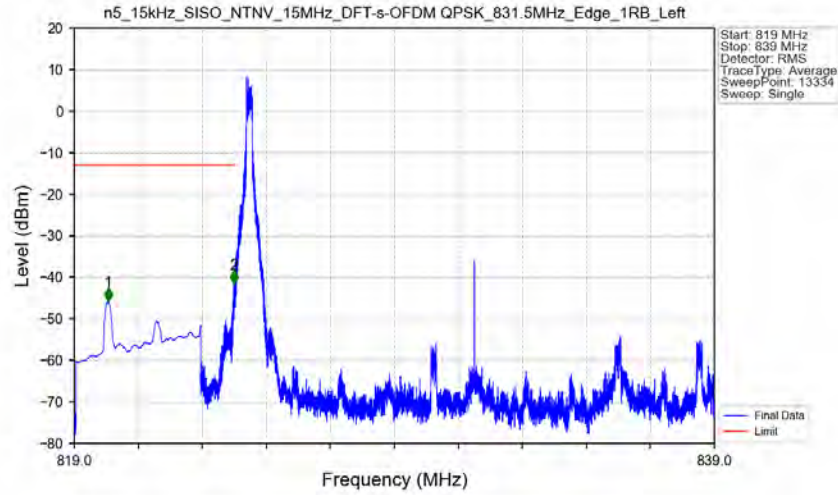
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.62	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Outer_Full_Ant2



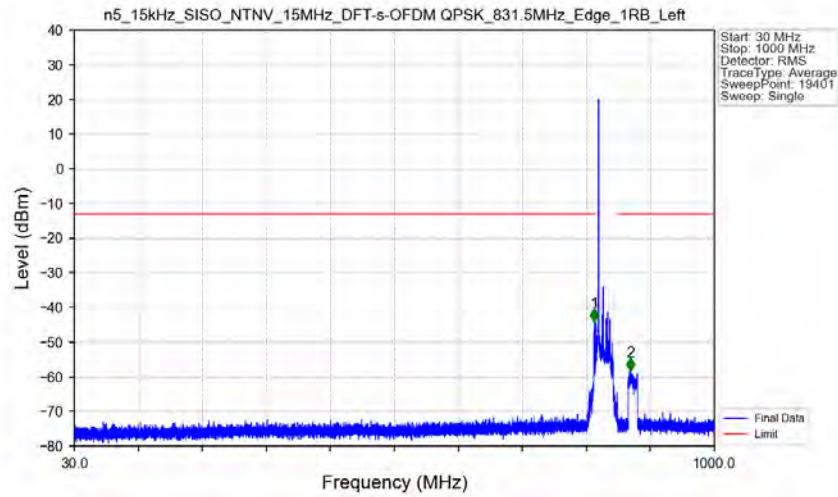
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14559	CHP	/	/	/	/	/
849	850	0.14559	CHP	1	849.020	-40.87	-13	Pass
850	854	0.1	/	2	850.920	-43.12	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



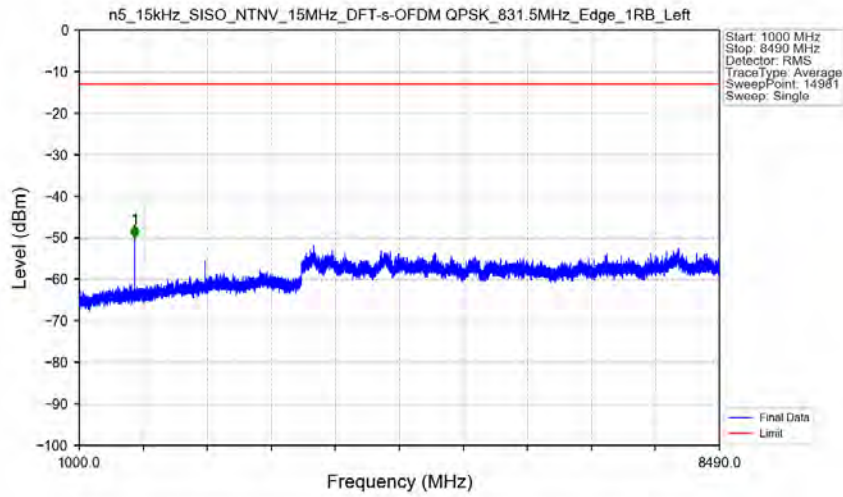
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.058	-45.75	-13	Pass
823	824	0.003	/	2	823.991	-41.52	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2

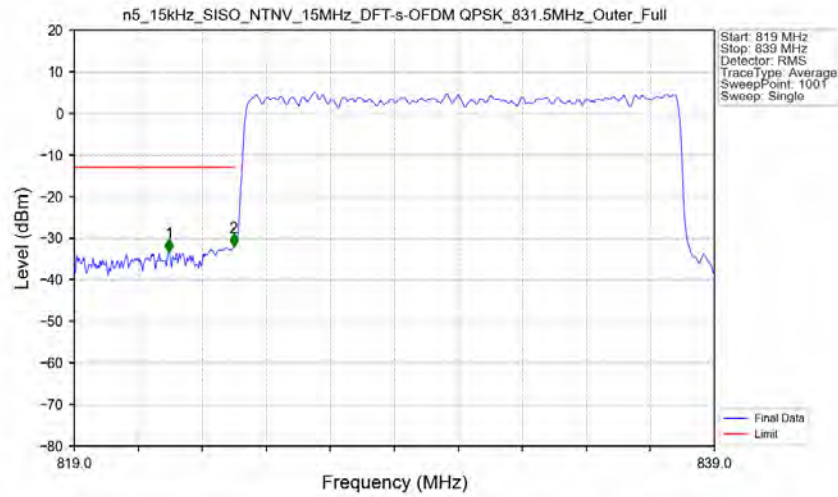


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.250	-43.99	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.700	-58.21	-13	Pass

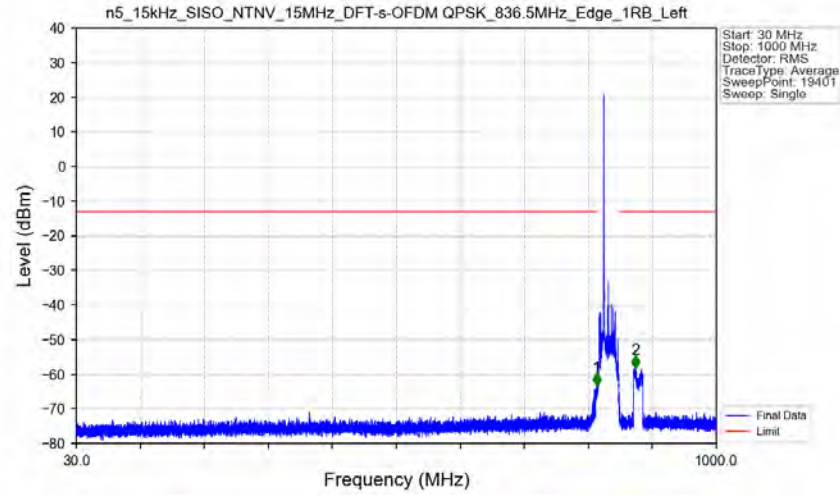
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full_Ant2

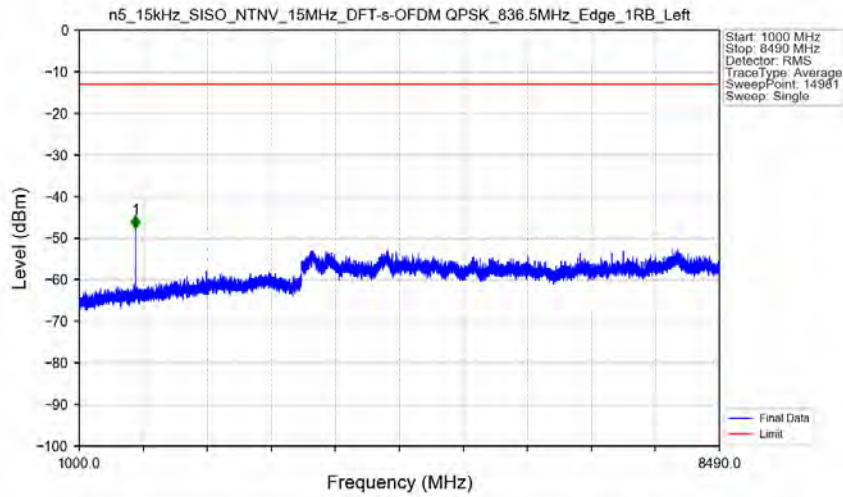


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



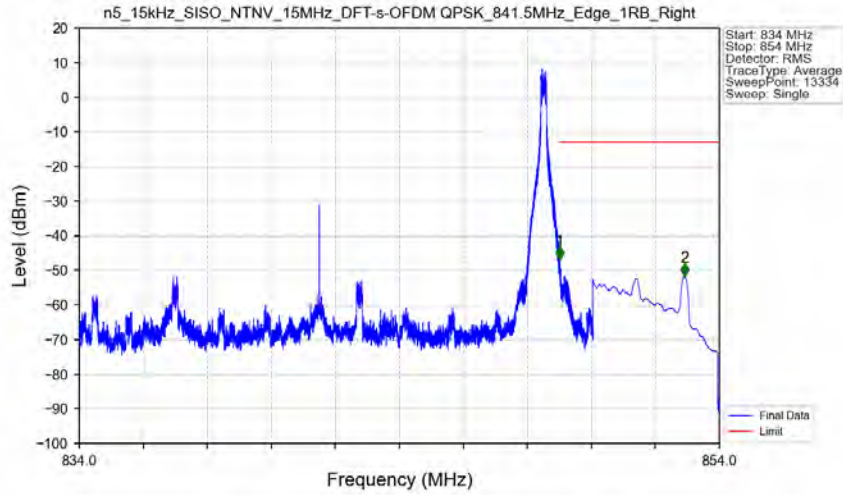
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.600	-63.22	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	877.800	-58.25	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2

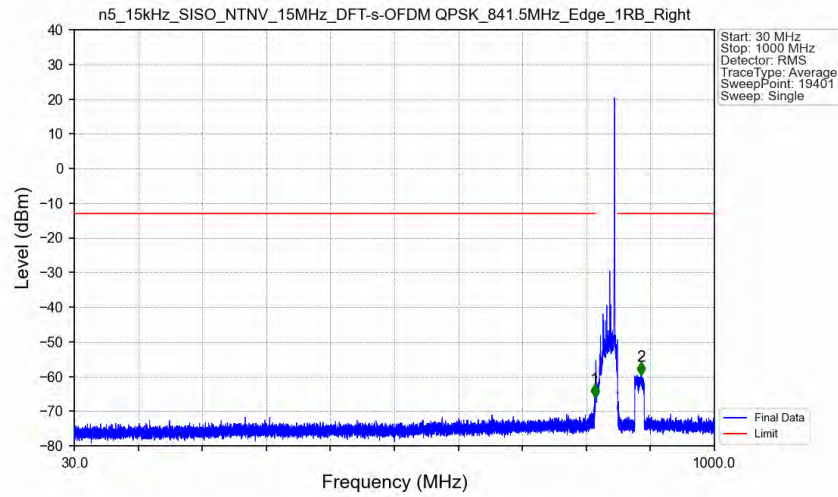


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-47.68	-13	Pass

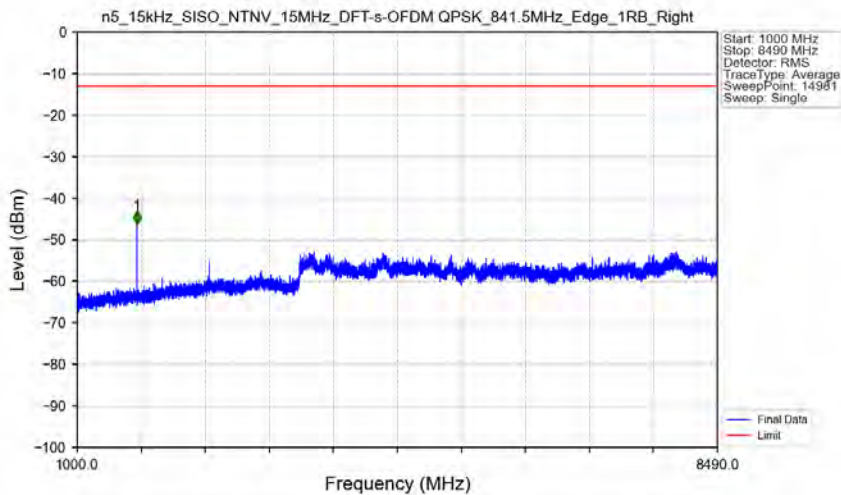
n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2

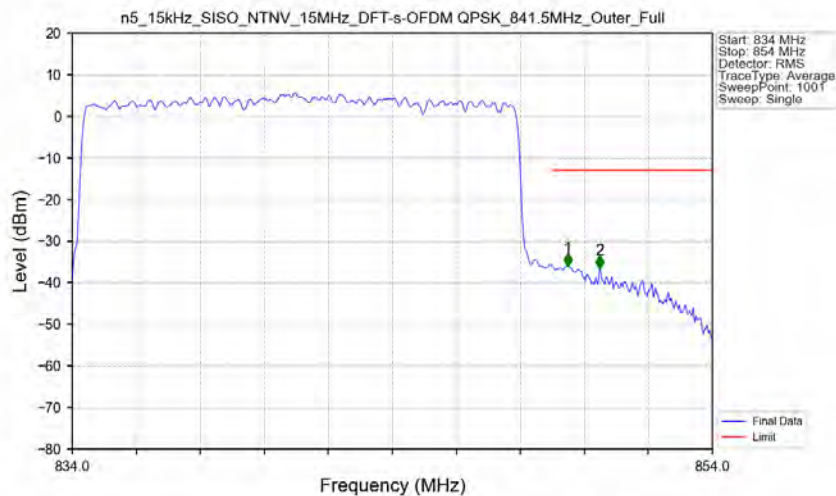


n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



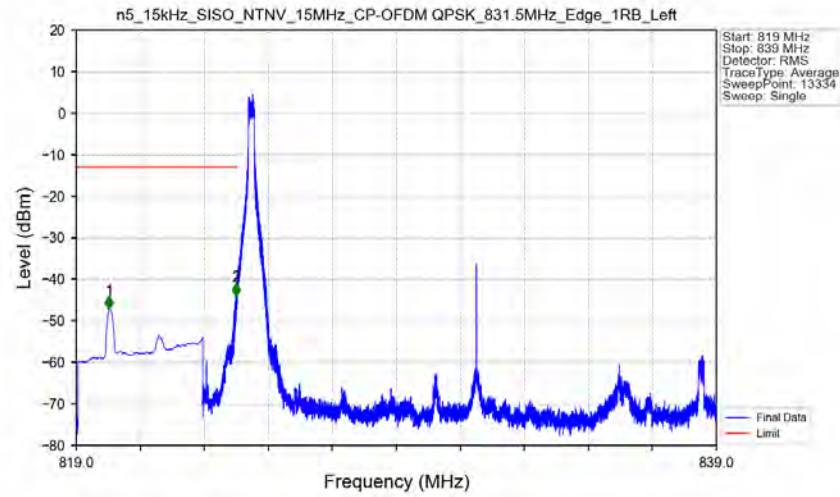
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1697.000	-46.26	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full_Ant2



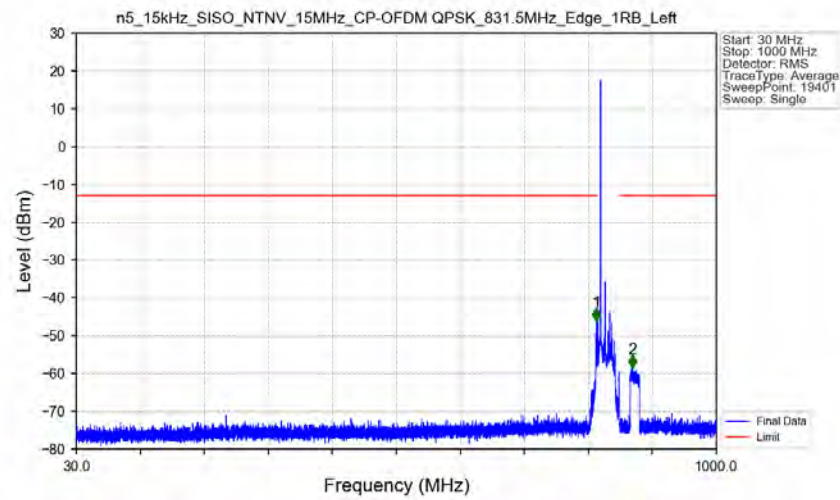
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.14559	CHP	/	/	/	/	/
849	850	0.14559	CHP	1	849.480	-35.98	-13	Pass
850	854	0.1	/	2	850.480	-36.58	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



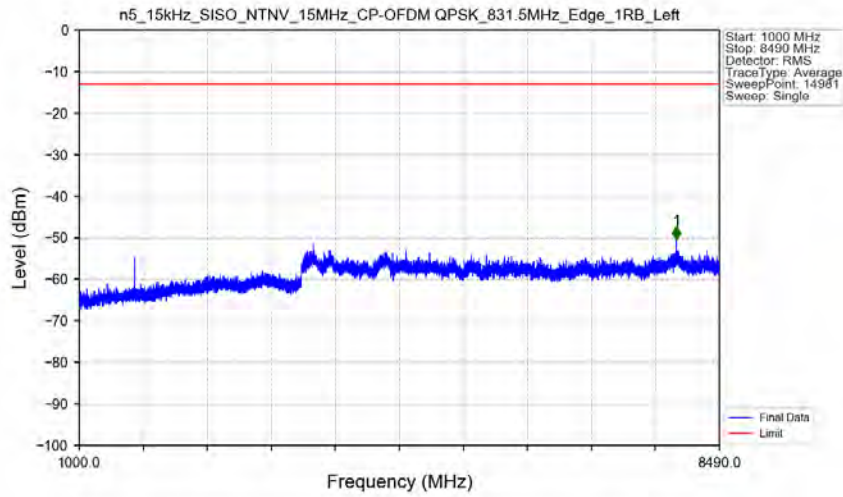
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.023	-47.19	-13	Pass
823	824	0.003	/	2	823.994	-43.98	-13	Pass
824	839	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2

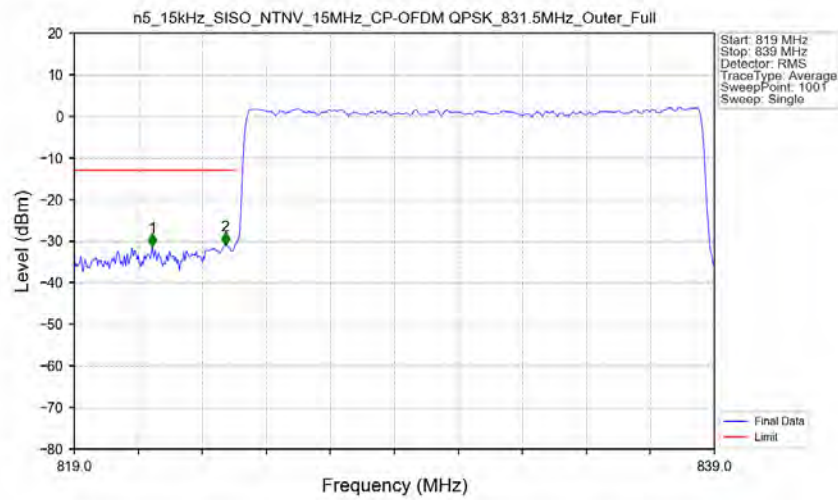


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.200	-46.08	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.650	-58.58	-13	Pass

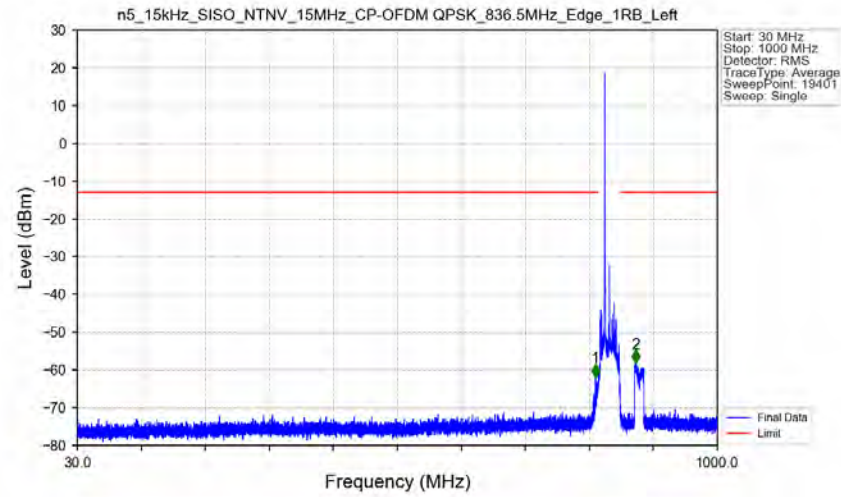
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Outer_Full_Ant2

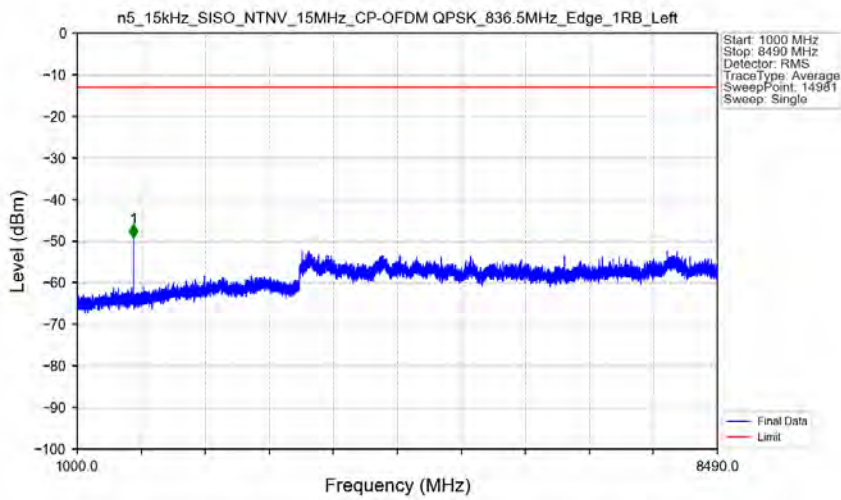


n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



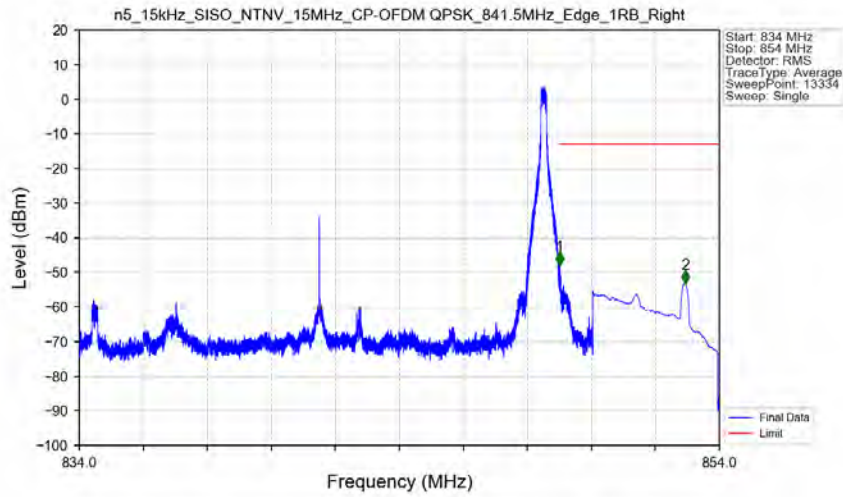
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	815.400	-61.81	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	876.500	-58.19	-13	Pass

n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2

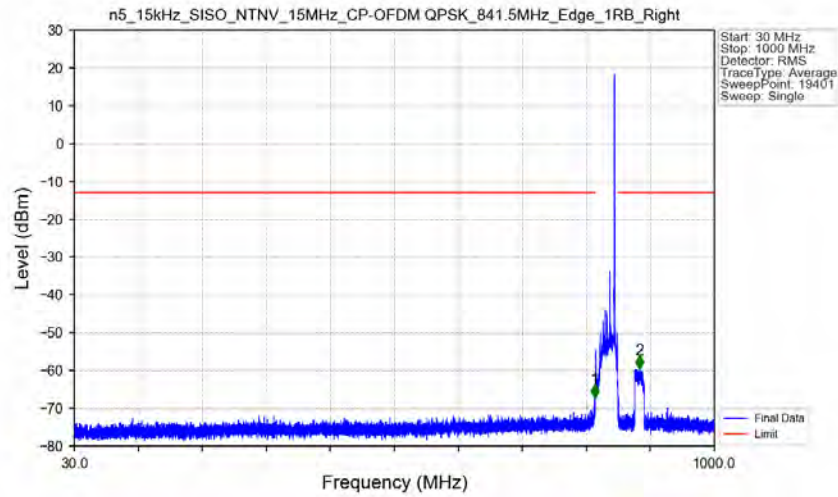


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-49.12	-13	Pass

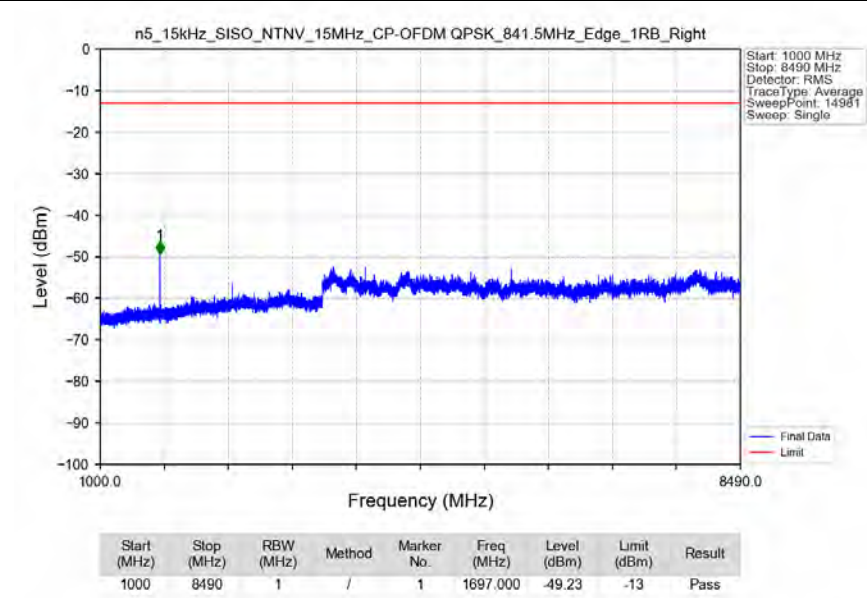
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



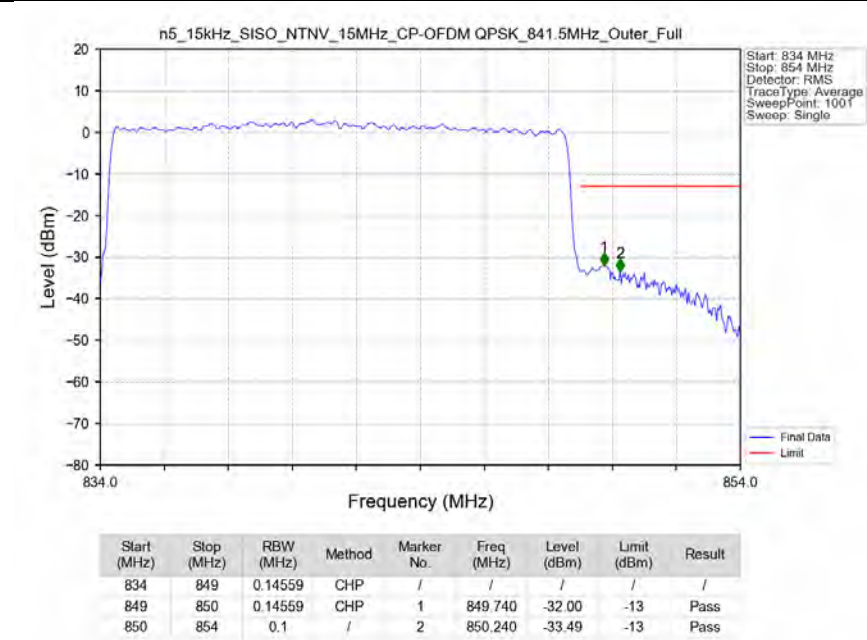
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



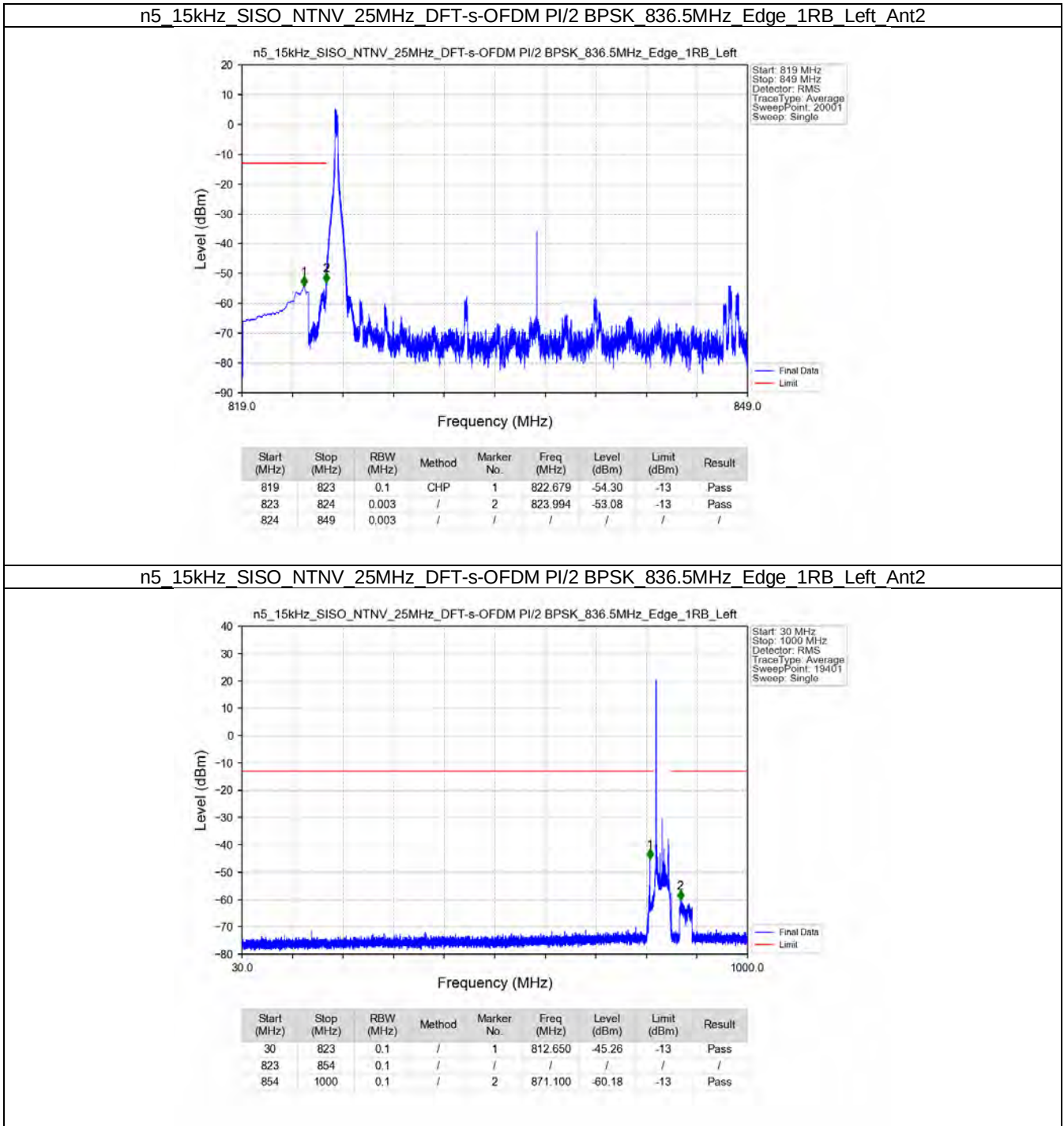
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Edge_1RB_Right_Ant2



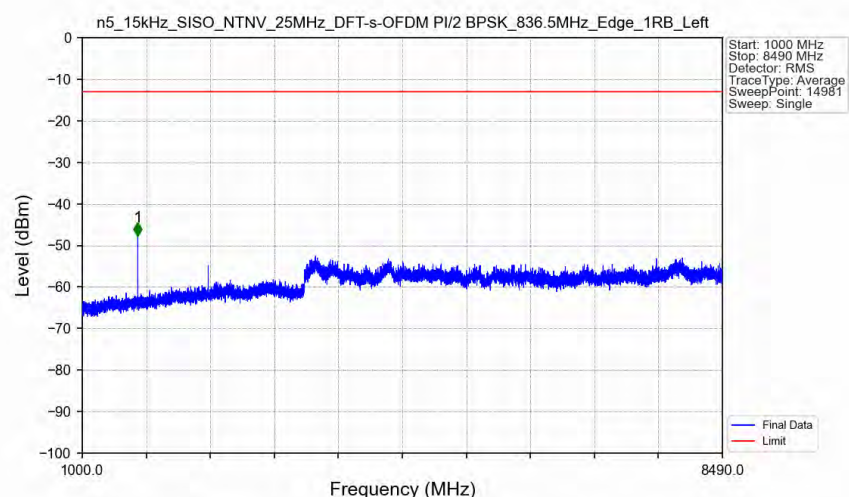
n5_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_841.5MHz_Outer_Full_Ant2



5.2.3 15_S_25M_NTNV

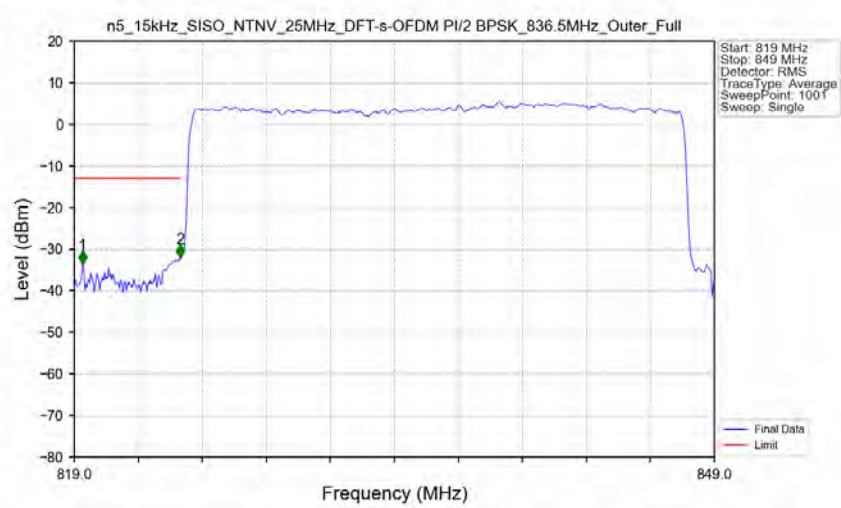


n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left_Ant2



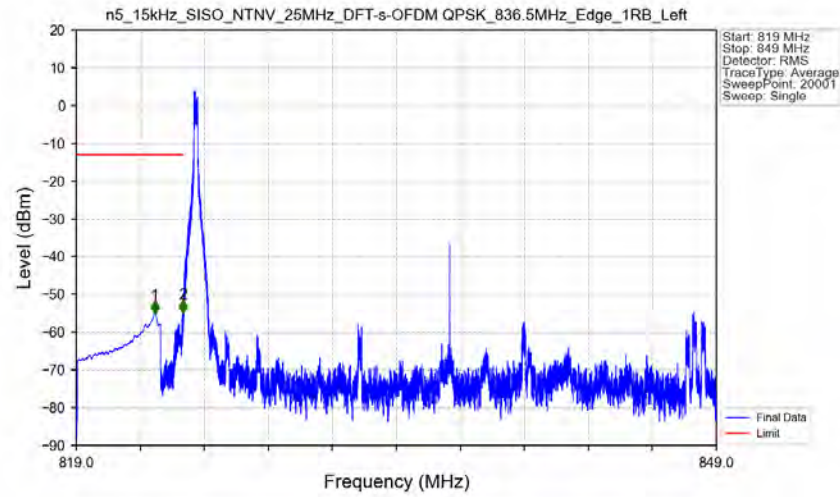
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.500	-47.67	-13	Pass

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Outer_Full_Ant2



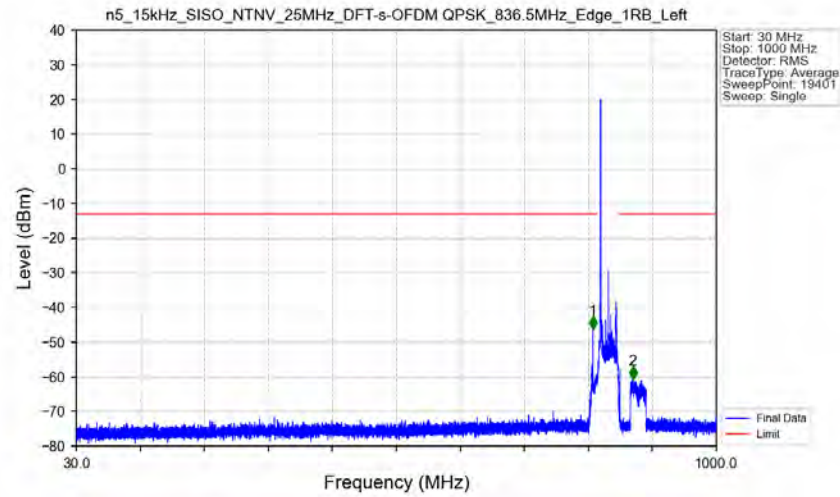
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	819.390	-33.55	-13	Pass
823	824	0.2468	CHP	2	823.980	-32.06	-13	Pass
824	849	0.2468	CHP	/	/	/	/	/

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



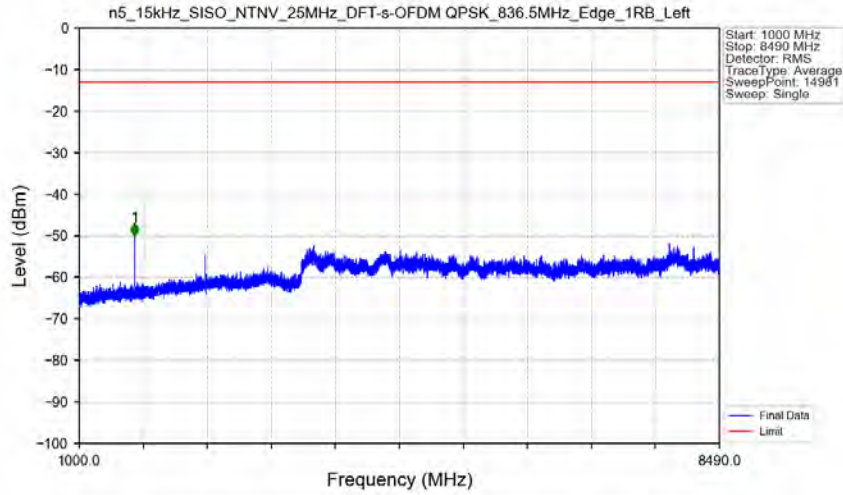
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.681	-55.05	-13	Pass
823	824	0.003	/	2	823.990	-54.85	-13	Pass
824	849	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2

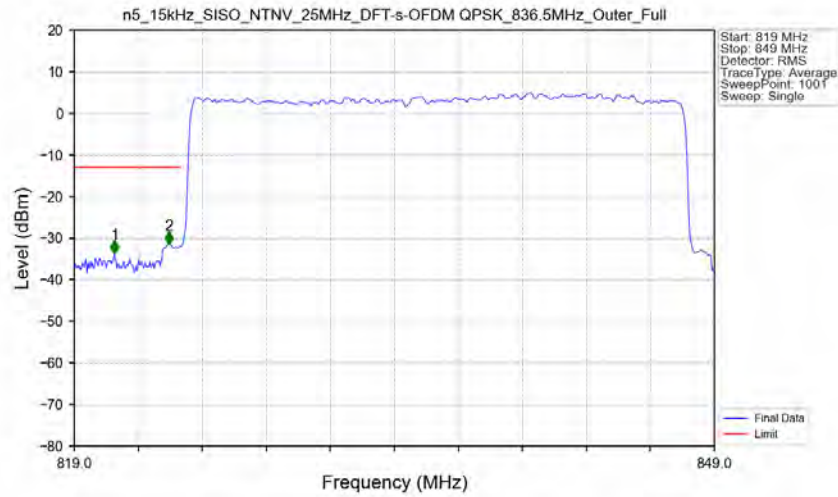


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	812.750	-46.25	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	873.350	-60.60	-13	Pass

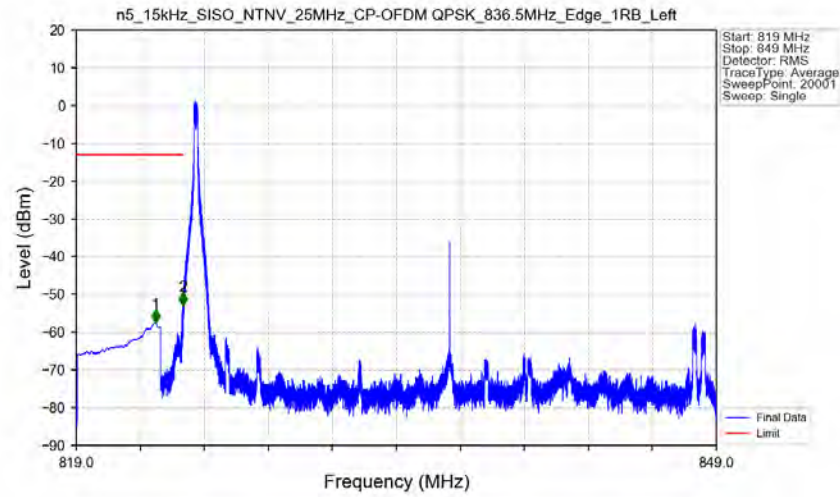
n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_836.5MHz_Outer_Full_Ant2

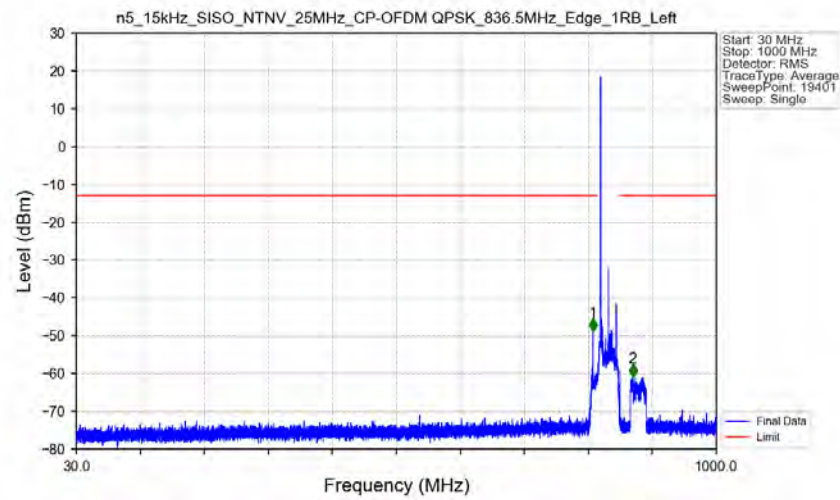


n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



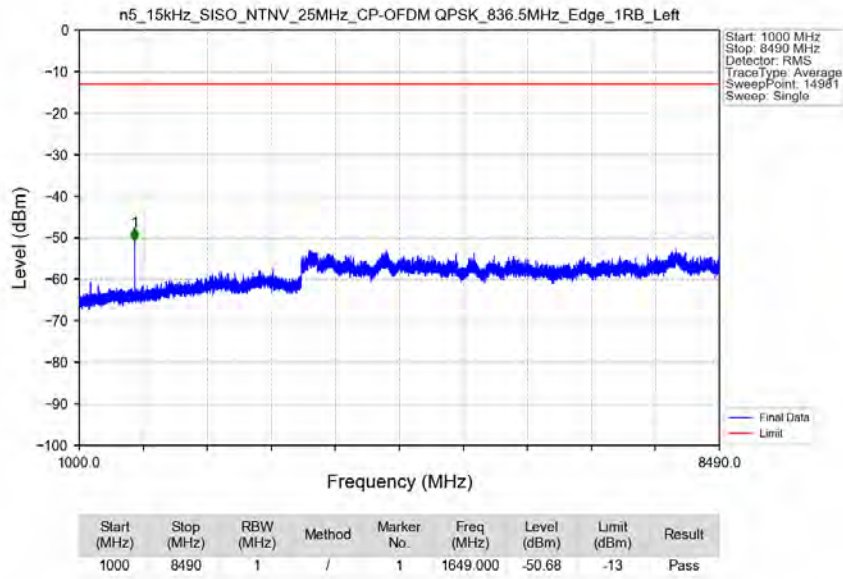
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.714	-57.47	-13	Pass
823	824	0.003	/	2	823.994	-52.84	-13	Pass
824	849	0.003	/	/	/	/	/	/

n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	812.750	-48.83	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	873.500	-60.94	-13	Pass

n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left_Ant2



n5_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_836.5MHz_Outer_Full_Ant2

